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

DATA PACKAGE

SEMI-VOLATILE ORGANICS

PROJECT NAME : RFP 916

WESTON SOLUTIONS, INC.

1090 King Georges Post Road

Suite 201

Edison, NJ - 08837-3703

Phone No: 732-585-4410

ORDER ID : Q3176

ATTENTION : Smita Sumbaly

Laboratory Certification ID # 20012

Alliance TECHNICAL GROUP

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Cover Page

Order ID : Q3176

Project ID : RFP 916

Client : Weston Solutions, Inc.

Lab Sample Number	Client Sample Number
Q3176-01	EME-TS12-01
Q3176-02	EME-TS13-01
Q3176-03	EME-TS14-02

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 3:42 pm, Oct 02, 2025

Date: 10/2/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

Weston Solutions, Inc.
Project Name: RFP 916
Project # N/A
Order ID # Q3176
Test Name: SVOC-TCL BNA -20

A. Number of Samples and Date of Receipt:
3 Solid samples were received on 09/23/2025.

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 3541.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries were met for all analysis except for PB169827BL [Terphenyl-d14 - 107%], marginally high, and EME-TS13-01 [2-Fluorobiphenyl - 16%], as per method one acid and one base surrogate allow to fail therefore no corrective action taken.

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

The MS {Q3178-02MS} with File ID: BF143817.D recoveries met the requirements for all compounds except for Benzo(b)fluoranthene[130%], due to matrix interference therefore no corrective action taken.

The MSD {Q3178-03MSD} with File ID: BF143818.D recoveries met the requirements for all compounds except for 2,6-Dinitrotoluene[139%] and Benzo(b)fluoranthene[139%], due to matrix interference therefore no corrective action taken.

The RPD were met for all analysis.

The Blank Spike for {PB169827BS} with File ID: BF143804.D met requirements for all compounds except for 2,6-Dinitrotoluene[112%], Butylbenzylphthalate[106%], marginally biased high The associate samples have no positive hit for these compounds therefore no corrective action was taken.

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

The %RSD is greater than 20% in the Method 8270-BF092325.M for 2-Nitrophenol & 2,4-Dinitrotoluene & are passing on Linear regression, and 2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol, they are passing on Quadratic regression.

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

E. Additional Comments:
The Form 6 is not included in the data package because the Initial Calibration was performed using 7 points.
The soil samples results are based on a dry weight basis.

Concentration of SOIL Sample:

Concentration ug/Kg,
(dry weight basis) =

$$\frac{(Ax)\,(Is)\,(Vt)\,(DF)\,(GPC)}{(Ais)\,(\overline{RRF})\,(Vi)\,(Wt)\,(D)}$$

Where,
Ax = Area of the characteristic ion for the compound to be measured.
Ais = Area of the characteristic ion for the internal standard.
Is = Amount of internal standard injected in ng.
Vi = Volume of extract injected in microliters (uL)
Vt = Volume of concentrated extract in microliters (uL)
Wt = Weight of the original sample extracted in g
Df = Dilution factor

$\overline{RRF}$ = Mean Relative Response Factor determined from the initial calibration standard.
GPC = $\frac{Vin}{Vout}$ = GPC factor (If no GPC is performed, GPC=1)
Vout = Volume of extract collected after GPC cleanup.

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

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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 3:42 pm, Oct 02, 2025

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

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DATA REPORTING QUALIFIERS- ORGANIC

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

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

QA Control # A3040960

ALLIANCE 284 Sheffield Street, Mountainside New Jersey 07092
NEW JERSEY LAB ID#: 20012: NEW YORK LAB ID#: 11376

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

ORDER ID: Q3176 MATRIX: Solid

METHOD: 8270E/3541

		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% in the Method 8270-BF092325.M for 2-Nitrophenol & 2,4-Dinitrotoluene & are passing on Linear regression, and 2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol, they are passing on Quadratic 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 PB169827BL [Terphenyl-d14 - 107%], marginally high, and EME-TS13-01 [2-Fluorobiphenyl - 16%], as per method one acid and one base surrogate allow to fail therefore no corrective action taken.		✓	

ALLIANCE **284 Sheffield Street, Mountainside New Jersey 07092**

NEW JERSEY LAB ID#: 20012: NEW YORK LAB ID#: 11376

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 {Q3178-02MS} with File ID: BF143817.D recoveries met the requirements for all compounds except for Benzo(b)fluoranthene[130%], due to matrix interference therefore no corrective action taken.
The MSD {Q3178-03MSD} with File ID: BF143818.D recoveries met the requirements for all compounds except for 2,6-Dinitrotoluene[139%] and Benzo(b)fluoranthene[139%], due to matrix interference therefore no corrective action taken.
The Blank Spike for {PB169827BS} with File ID: BF143804.D met requirements for all compounds except for 2,6-Dinitrotoluene[112%], Butylbenzylphthalate[106%], marginally biased high The associate samples have no positive hit for these compounds therefore no corrective action was taken.

		NA	NO	YES
9.	Internal Standard Area/Retention Time Shift Meet Criteria			✓

Comments:

		NA	NO	YES
10.	Extraction Holding Time Met			✓

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

		NA	NO	YES
11.	Analysis Holding Time Met			✓

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

ADDITIONAL COMMENTS:

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

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

APPROVED

By Sohil Jodhani, QA/QC Director at 3:43 pm, Oct 02, 2025

QA REVIEW

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

QA REVIEW GENERAL DOCUMENTATION

Project #: Q3176

	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:** 10/02/2025

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LAB CHRONICLE

OrderID:	Q3176	**OrderDate:**	9/24/2025 10:16:00 AM
Client:	Weston Solutions, Inc.	**Project:**	RFP 916
Contact:	Smita Sumbaly	**Location:**	J43,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3176-01	**EME-TS12-01**	**SOIL**			**09/23/25**			**09/23/25**
			SVOC-TCL BNA -20	8270E		09/25/25	09/25/25	
Q3176-02	**EME-TS13-01**	**SOIL**			**09/23/25**			**09/23/25**
			SVOC-TCL BNA -20	8270E		09/25/25	09/25/25	
Q3176-03	**EME-TS14-02**	**SOIL**			**09/23/25**			**09/23/25**
			SVOC-TCL BNA -20	8270E		09/25/25	09/25/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3176

Client: Weston Solutions, Inc.

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID :	**EME-TS12-01**								
Q3176-01	EME-TS12-01	SOIL	Phenanthrene		140.000	J	31.6	260	ug/Kg
Q3176-01	EME-TS12-01	SOIL	Fluoranthene		240.000	J	45.3	260	ug/Kg
Q3176-01	EME-TS12-01	SOIL	Pyrene		130.000	J	54.4	260	ug/Kg
Q3176-01	EME-TS12-01	SOIL	Benzo(b)fluoranthene		120.000	J	28.7	260	ug/Kg
			Total Svoc :		**630.00**				
Q3176-01	EME-TS12-01	SOIL	Cholest-4-en-3-one	*	130.000	J	0	0	ug/Kg
Q3176-01	EME-TS12-01	SOIL	Cholestan-2-one	*	360.000	J	0	0	ug/Kg
Q3176-01	EME-TS12-01	SOIL	Cholestan-3-ol, (3.alpha.,5.beta.)	*	390.000	J	0	0	ug/Kg
Q3176-01	EME-TS12-01	SOIL	Hexadecane	*	100.000	J	0	0	ug/Kg
Q3176-01	EME-TS12-01	SOIL	n-Hexadecanoic acid	*	450.000	J	0	0	ug/Kg
Q3176-01	EME-TS12-01	SOIL	Nonadecane	*	190.000	J	0	0	ug/Kg
Q3176-01	EME-TS12-01	SOIL	.beta.-Sitosterol	*	300.000	J	0	0	ug/Kg
Q3176-01	EME-TS12-01	SOIL	9-Octadecenamide	*	310.000	J	0	0	ug/Kg
Q3176-01	EME-TS12-01	SOIL	Stigmast-4-en-3-one	*	190.000	J	0	0	ug/Kg
			Total Tics :		**2,420.00**				
			Total Concentration:		**3,050.00**				
Client ID :	**EME-TS13-01**								
Q3176-02	EME-TS13-01	SOIL	n-Hexadecanoic acid	*	130.000	J	0	0	ug/Kg
			Total Tics :		**130.00**				
			Total Concentration:		**130.00**				
Client ID :	**EME-TS14-02**								
Q3176-03	EME-TS14-02	SOIL	n-Hexadecanoic acid	*	230.000	J	0	0	ug/Kg
			Total Tics :		**230.00**				
			Total Concentration:		**230.00**				

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QC SUMMARY

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

SW-846

SDG No.: Q3176

Client: Weston Solutions, Inc.

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB169827BL	PB169827BL	2-Fluorophenol	300	242	81		18	112
		Phenol-d6	300	246	82		15	107
		Nitrobenzene-d5	200	185	92		18	107
		2-Fluorobiphenyl	200	165	82		20	109
		2,4,6-Tribromophenol	300	205	68		10	116
		Terphenyl-d14	200	213	107	*	10	105
PB169827BS	PB169827BS	2-Fluorophenol	150	111	74		18	112
		Phenol-d6	150	113	76		15	107
		Nitrobenzene-d5	100	84.3	84		18	107
		2-Fluorobiphenyl	100	80.8	81		20	109
		2,4,6-Tribromophenol	150	110	73		10	116
		Terphenyl-d14	100	92.4	92		10	105
Q3176-01	EME-TS12-01	2-Fluorophenol	150	71.1	47		18	112
		Phenol-d6	150	67.7	45		15	107
		Nitrobenzene-d5	100	53.5	54		18	107
		2-Fluorobiphenyl	100	48.3	48		20	109
		2,4,6-Tribromophenol	150	83.6	56		10	116
		Terphenyl-d14	100	34.6	35		10	105
Q3176-02	EME-TS13-01	2-Fluorophenol	150	44.8	30		18	112
		Phenol-d6	150	44.8	30		15	107
		Nitrobenzene-d5	100	28.9	29		18	107
		2-Fluorobiphenyl	100	16.2	16	*	20	109
		2,4,6-Tribromophenol	150	30.6	20		10	116
		Terphenyl-d14	100	17.3	17		10	105
Q3176-03	EME-TS14-02	2-Fluorophenol	150	57.1	38		18	112
		Phenol-d6	150	60.5	40		15	107
		Nitrobenzene-d5	100	37.7	38		18	107
		2-Fluorobiphenyl	100	23.1	23		20	109
		2,4,6-Tribromophenol	150	35.9	24		10	116
		Terphenyl-d14	100	24.6	25		10	105
Q3178-02MS	EME-TS14-01MS	2-Fluorophenol	150	83.4	56		18	112
		Phenol-d6	150	85.1	57		15	107
		Nitrobenzene-d5	100	62.6	63		18	107
		2-Fluorobiphenyl	100	49.8	50		20	109
		2,4,6-Tribromophenol	150	83.2	55		10	116
		Terphenyl-d14	100	48.3	48		10	105
Q3178-03MSD	EME-TS14-01MSD	2-Fluorophenol	150	88.1	59		18	112
		Phenol-d6	150	92.7	62		15	107
		Nitrobenzene-d5	100	65.6	66		18	107
		2-Fluorobiphenyl	100	51.9	52		20	109
		2,4,6-Tribromophenol	150	80.5	54		10	116
		Terphenyl-d14	100	53.1	53		10	105

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3176 **Analytical Method:** SW8270E

Client: Weston Solutions, Inc. **DataFile:** BF143817.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID: Q3178-02MS		**Client Sample ID: EME-TS14-01MS**									
Benzaldehyde	2300	0	1400	ug/Kg	61				10	171	
Phenol	2300	0	2200	ug/Kg	96				51	122	
bis(2-Chloroethyl)ether	2300	0	2100	ug/Kg	91				54	125	
2-Chlorophenol	2300	0	2100	ug/Kg	91				51	121	
2-Methylphenol	2300	0	2200	ug/Kg	96				47	125	
2,2-oxybis(1-Chloropropane)	2300	0	2000	ug/Kg	87				46	119	
Acetophenone	2300	0	2500	ug/Kg	109				55	128	
3+4-Methylphenols	2300	0	2100	ug/Kg	91				49	125	
N-Nitroso-di-n-propylamine	2300	0	2100	ug/Kg	91				59	119	
Hexachloroethane	2300	0	2000	ug/Kg	87				51	116	
Nitrobenzene	2300	0	2300	ug/Kg	100				47	124	
Isophorone	2300	0	2300	ug/Kg	100				49	127	
2-Nitrophenol	2300	0	2500	ug/Kg	109				43	131	
2,4-Dimethylphenol	2300	0	2400	ug/Kg	104				63	151	
bis(2-Chloroethoxy)methane	2300	0	2200	ug/Kg	96				51	119	
2,4-Dichlorophenol	2300	0	2200	ug/Kg	96				50	122	
Naphthalene	2300	0	2100	ug/Kg	91				51	121	
4-Chloroaniline	2300	0	860	ug/Kg	37				10	100	
Hexachlorobutadiene	2300	0	2100	ug/Kg	91				44	126	
Caprolactam	2300	0	2500	ug/Kg	109				51	134	
4-Chloro-3-methylphenol	2300	0	2200	ug/Kg	96				57	132	
2-Methylnaphthalene	2300	0	1900	ug/Kg	83				59	123	
Hexachlorocyclopentadiene	4700	0	4000	ug/Kg	85				10	175	
2,4,6-Trichlorophenol	2300	0	2400	ug/Kg	104				33	141	
2,4,5-Trichlorophenol	2300	0	2200	ug/Kg	96				38	135	
1,1-Biphenyl	2300	0	2400	ug/Kg	104				55	131	
2-Chloronaphthalene	2300	0	2200	ug/Kg	96				48	124	
2-Nitroaniline	2300	0	2700	ug/Kg	117				47	134	
Dimethylphthalate	2300	0	2300	ug/Kg	100				54	120	
Acenaphthylene	2300	0	2500	ug/Kg	109				57	125	
2,6-Dinitrotoluene	2300	0	2900	ug/Kg	126				48	127	
3-Nitroaniline	2300	0	1800	ug/Kg	78				10	112	
Acenaphthene	2300	0	2200	ug/Kg	96				70	121	
2,4-Dinitrophenol	4700	0	3000	ug/Kg	64				10	155	
4-Nitrophenol	4700	0	5300	ug/Kg	113				10	175	
Dibenzofuran	2300	0	2200	ug/Kg	96				52	114	
2,4-Dinitrotoluene	2300	0	2600	ug/Kg	113				41	140	
Diethylphthalate	2300	0	2300	ug/Kg	100				51	119	
4-Chlorophenyl-phenylether	2300	0	2200	ug/Kg	96				48	122	
Fluorene	2300	0	2200	ug/Kg	96				53	118	
4-Nitroaniline	2300	0	2500	ug/Kg	109				29	140	
4,6-Dinitro-2-methylphenol	2300	0	1700	ug/Kg	74				10	160	
N-Nitrosodiphenylamine	2300	0	2100	ug/Kg	91				73	118	
4-Bromophenyl-phenylether	2300	0	2100	ug/Kg	91				65	121	
Hexachlorobenzene	2300	0	2100	ug/Kg	91				67	118	
Atrazine	2300	0	2300	ug/Kg	100				45	175	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3176 **Analytical Method:** SW8270E

Client: Weston Solutions, Inc. **DataFile:** BF143817.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Pentachlorophenol	4700	0	5200	ug/Kg	111				13	153	
Phenanthrene	2300	0	2200	ug/Kg	96				52	128	
Anthracene	2300	0	2300	ug/Kg	100				62	124	
Carbazole	2300	0	2400	ug/Kg	104				59	119	
Di-n-butylphthalate	2300	0	2300	ug/Kg	100				55	125	
Fluoranthene	2300	0	2700	ug/Kg	117				44	125	
Pyrene	2300	0	2100	ug/Kg	91				37	122	
Butylbenzylphthalate	2300	0	2500	ug/Kg	109				44	135	
3,3-Dichlorobenzidine	2300	0	1800	ug/Kg	78				15	112	
Benzo(a)anthracene	2300	0	2300	ug/Kg	100				53	119	
Chrysene	2300	0	2300	ug/Kg	100				57	121	
bis(2-Ethylhexyl)phthalate	2300	0	2200	ug/Kg	96				42	169	
Di-n-octyl phthalate	2300	0	2200	ug/Kg	96				51	156	
Benzo(b)fluoranthene	2300	0	3000	ug/Kg	130	*			52	117	
Benzo(k)fluoranthene	2300	0	2300	ug/Kg	100				57	134	
Benzo(a)pyrene	2300	0	2500	ug/Kg	109				70	142	
Indeno(1,2,3-cd)pyrene	2300	0	1600	ug/Kg	70				40	129	
Dibenz(a,h)anthracene	2300	0	1600	ug/Kg	70				43	123	
Benzo(g,h,i)perylene	2300	0	1600	ug/Kg	70				24	125	
1,2,4,5-Tetrachlorobenzene	2300	0	2400	ug/Kg	104				52	134	
1,4-Dioxane	2300	0	2100	ug/Kg	91				46	112	
2,3,4,6-Tetrachlorophenol	2300	0	2700	ug/Kg	117				24	146	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3176 **Analytical Method:** SW8270E

Client: Weston Solutions, Inc. **DataFile:** BF143818.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q3178-03MSD		**Client Sample ID: EME-TS14-01MSD**									
Benzaldehyde	2300	0	1500	ug/Kg	65		6		10	171	20
Phenol	2300	0	2400	ug/Kg	104		8		51	122	20
bis(2-Chloroethyl)ether	2300	0	2200	ug/Kg	96		5		54	125	20
2-Chlorophenol	2300	0	2300	ug/Kg	100		9		51	121	20
2-Methylphenol	2300	0	2300	ug/Kg	100		4		47	125	20
2,2-oxybis(1-Chloropropane)	2300	0	2100	ug/Kg	91		4		46	119	20
Acetophenone	2300	0	2600	ug/Kg	113		4		55	128	20
3+4-Methylphenols	2300	0	2300	ug/Kg	100		9		49	125	20
N-Nitroso-di-n-propylamine	2300	0	2300	ug/Kg	100		9		59	119	20
Hexachloroethane	2300	0	2100	ug/Kg	91		4		51	116	20
Nitrobenzene	2300	0	2400	ug/Kg	104		4		47	124	20
Isophorone	2300	0	2400	ug/Kg	104		4		49	127	20
2-Nitrophenol	2300	0	2600	ug/Kg	113		4		43	131	20
2,4-Dimethylphenol	2300	0	2600	ug/Kg	113		8		63	151	20
bis(2-Chloroethoxy)methane	2300	0	2300	ug/Kg	100		4		51	119	20
2,4-Dichlorophenol	2300	0	2300	ug/Kg	100		4		50	122	20
Naphthalene	2300	0	2200	ug/Kg	96		5		51	121	20
4-Chloroaniline	2300	0	880	ug/Kg	38		3		10	100	20
Hexachlorobutadiene	2300	0	2200	ug/Kg	96		5		44	126	20
Caprolactam	2300	0	2900	ug/Kg	126		14		51	134	20
4-Chloro-3-methylphenol	2300	0	2400	ug/Kg	104		8		57	132	20
2-Methylnaphthalene	2300	0	2100	ug/Kg	91		9		59	123	20
Hexachlorocyclopentadiene	4700	0	4000	ug/Kg	85		0		10	175	20
2,4,6-Trichlorophenol	2300	0	2500	ug/Kg	109		5		33	141	20
2,4,5-Trichlorophenol	2300	0	2400	ug/Kg	104		8		38	135	20
1,1-Biphenyl	2300	0	2500	ug/Kg	109		5		55	131	20
2-Chloronaphthalene	2300	0	2200	ug/Kg	96		0		48	124	20
2-Nitroaniline	2300	0	2900	ug/Kg	126		7		47	134	20
Dimethylphthalate	2300	0	2500	ug/Kg	109		9		54	120	20
Acenaphthylene	2300	0	2600	ug/Kg	113		4		57	125	20
2,6-Dinitrotoluene	2300	0	3200	ug/Kg	139	*	10		48	127	20
3-Nitroaniline	2300	0	1800	ug/Kg	78		0		10	112	20
Acenaphthene	2300	0	2300	ug/Kg	100		4		70	121	20
2,4-Dinitrophenol	4700	0	3100	ug/Kg	66		3		10	155	20
4-Nitrophenol	4700	0	5400	ug/Kg	115		2		10	175	20
Dibenzofuran	2300	0	2300	ug/Kg	100		4		52	114	20
2,4-Dinitrotoluene	2300	0	2700	ug/Kg	117		3		41	140	20
Diethylphthalate	2300	0	2400	ug/Kg	104		4		51	119	20
4-Chlorophenyl-phenylether	2300	0	2300	ug/Kg	100		4		48	122	20
Fluorene	2300	0	2300	ug/Kg	100		4		53	118	20
4-Nitroaniline	2300	0	2500	ug/Kg	109		0		29	140	20
4,6-Dinitro-2-methylphenol	2300	0	1900	ug/Kg	83		11		10	160	20
N-Nitrosodiphenylamine	2300	0	2300	ug/Kg	100		9		73	118	20
4-Bromophenyl-phenylether	2300	0	2300	ug/Kg	100		9		65	121	20
Hexachlorobenzene	2300	0	2300	ug/Kg	100		9		67	118	20
Atrazine	2300	0	2500	ug/Kg	109		9		45	175	20

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDD No.: Q3176 **Analytical Method:** SW8270E

Client: Weston Solutions, Inc. **DataFile:** BF143818.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	4700	0	5400	ug/Kg	115		4		13	153	20
Phenanthrene	2300	0	2300	ug/Kg	100		4		52	128	20
Anthracene	2300	0	2300	ug/Kg	100		0		62	124	20
Carbazole	2300	0	2400	ug/Kg	104		0		59	119	20
Di-n-butylphthalate	2300	0	2500	ug/Kg	109		9		55	125	20
Fluoranthene	2300	0	2600	ug/Kg	113		3		44	125	20
Pyrene	2300	0	2300	ug/Kg	100		9		37	122	20
Butylbenzylphthalate	2300	0	2700	ug/Kg	117		7		44	135	20
3,3-Dichlorobenzidine	2300	0	1900	ug/Kg	83		6		15	112	20
Benzo(a)anthracene	2300	0	2400	ug/Kg	104		4		53	119	20
Chrysene	2300	0	2300	ug/Kg	100		0		57	121	20
bis(2-Ethylhexyl)phthalate	2300	0	2300	ug/Kg	100		4		42	169	20
Di-n-octyl phthalate	2300	0	2300	ug/Kg	100		4		51	156	20
Benzo(b)fluoranthene	2300	0	3200	ug/Kg	139	*	7		52	117	20
Benzo(k)fluoranthene	2300	0	2400	ug/Kg	104		4		57	134	20
Benzo(a)pyrene	2300	0	2600	ug/Kg	113		4		70	142	20
Indeno(1,2,3-cd)pyrene	2300	0	1700	ug/Kg	74		6		40	129	20
Dibenz(a,h)anthracene	2300	0	1700	ug/Kg	74		6		43	123	20
Benzo(g,h,i)perylene	2300	0	1700	ug/Kg	74		6		24	125	20
1,2,4,5-Tetrachlorobenzene	2300	0	2500	ug/Kg	109		5		52	134	20
1,4-Dioxane	2300	0	2100	ug/Kg	91		0		46	112	20
2,3,4,6-Tetrachlorophenol	2300	0	2800	ug/Kg	122		4		24	146	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3176 **Analytical Method:** 8270E

Client: Weston Solutions, Inc. **DataFile:** BF143804.D

									Limits		
Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Low	High	RPD
PB169827BS	Benzaldehyde	1700	400	ug/Kg	24				10	133	
	Phenol	1700	1400	ug/Kg	82				62	112	
	bis(2-Chloroethyl)ether	1700	1400	ug/Kg	82				60	101	
	2-Chlorophenol	1700	1400	ug/Kg	82				65	112	
	2-Methylphenol	1700	1500	ug/Kg	88				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1400	ug/Kg	82				51	100	
	Acetophenone	1700	1400	ug/Kg	82				66	98	
	3+4-Methylphenols	1700	1400	ug/Kg	82				58	111	
	N-Nitroso-di-n-propylamine	1700	1500	ug/Kg	88				63	95	
	Hexachloroethane	1700	1400	ug/Kg	82				72	108	
	Nitrobenzene	1700	1400	ug/Kg	82				57	101	
	Isophorone	1700	1500	ug/Kg	88				59	99	
	2-Nitrophenol	1700	1500	ug/Kg	88				61	111	
	2,4-Dimethylphenol	1700	1600	ug/Kg	94				46	141	
	bis(2-Chloroethoxy)methane	1700	1400	ug/Kg	82				66	97	
	2,4-Dichlorophenol	1700	1400	ug/Kg	82				62	107	
	Naphthalene	1700	1400	ug/Kg	82				62	100	
	4-Chloroaniline	1700	910	ug/Kg	54				16	100	
	Hexachlorobutadiene	1700	1400	ug/Kg	82				53	98	
	Caprolactam	1700	1700	ug/Kg	100				67	110	
	4-Chloro-3-methylphenol	1700	1500	ug/Kg	88				58	112	
	2-Methylnaphthalene	1700	1300	ug/Kg	76				60	104	
	Hexachlorocyclopentadiene	3300	3500	ug/Kg	106				45	165	
	2,4,6-Trichlorophenol	1700	1500	ug/Kg	88				59	102	
	2,4,5-Trichlorophenol	1700	1500	ug/Kg	88				61	98	
	1,1-Biphenyl	1700	1400	ug/Kg	82				57	103	
	2-Chloronaphthalene	1700	1400	ug/Kg	82				58	99	
	2-Nitroaniline	1700	1700	ug/Kg	100				66	101	
	Dimethylphthalate	1700	1500	ug/Kg	88				61	99	
	Acenaphthylene	1700	1600	ug/Kg	94				63	101	
	2,6-Dinitrotoluene	1700	1900	ug/Kg	112		*		61	104	
	3-Nitroaniline	1700	1200	ug/Kg	71				28	100	
	Acenaphthene	1700	1500	ug/Kg	88				57	104	
	2,4-Dinitrophenol	3300	3000	ug/Kg	91				37	128	
	4-Nitrophenol	3300	3100	ug/Kg	94				48	119	
	Dibenzofuran	1700	1400	ug/Kg	82				63	99	
	2,4-Dinitrotoluene	1700	1600	ug/Kg	94				60	106	
	Diethylphthalate	1700	1500	ug/Kg	88				60	101	
	4-Chlorophenyl-phenylether	1700	1400	ug/Kg	82				58	98	
	Fluorene	1700	1400	ug/Kg	82				61	101	
	4-Nitroaniline	1700	1600	ug/Kg	94				64	103	
	4,6-Dinitro-2-methylphenol	1700	1700	ug/Kg	100				76	113	
	N-Nitrosodiphenylamine	1700	1500	ug/Kg	88				71	99	
	4-Bromophenyl-phenylether	1700	1600	ug/Kg	94				66	102	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	Q3176	**Analytical Method:**	8270E
Client:	Weston Solutions, Inc.	**DataFile:**	BF143804.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB169827BS	Hexachlorobenzene	1700	1500	ug/Kg	88				64	98	
	Atrazine	1700	1600	ug/Kg	94				47	152	
	Pentachlorophenol	3300	3200	ug/Kg	97				67	105	
	Phenanthrene	1700	1400	ug/Kg	82				59	103	
	Anthracene	1700	1500	ug/Kg	88				61	105	
	Carbazole	1700	1500	ug/Kg	88				61	99	
	Di-n-butylphthalate	1700	1600	ug/Kg	94				58	104	
	Fluoranthene	1700	1400	ug/Kg	82				57	107	
	Pyrene	1700	1600	ug/Kg	94				59	103	
	Butylbenzylphthalate	1700	1800	ug/Kg	106		*		55	103	
	3,3-Dichlorobenzidine	1700	1200	ug/Kg	71				42	91	
	Benzo(a)anthracene	1700	1400	ug/Kg	82				60	102	
	Chrysene	1700	1500	ug/Kg	88				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1600	ug/Kg	94				54	135	
	Di-n-octyl phthalate	1700	1600	ug/Kg	94				52	137	
	Benzo(b)fluoranthene	1700	1700	ug/Kg	100				62	109	
	Benzo(k)fluoranthene	1700	1600	ug/Kg	94				62	109	
	Benzo(a)pyrene	1700	1700	ug/Kg	100				63	103	
	Indeno(1,2,3-cd)pyrene	1700	1600	ug/Kg	94				63	101	
	Dibenz(a,h)anthracene	1700	1600	ug/Kg	94				61	112	
	Benzo(g,h,i)perylene	1700	1700	ug/Kg	100				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1400	ug/Kg	82				53	101	
	1,4-Dioxane	1700	1200	ug/Kg	71				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1800	ug/Kg	106				59	108	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID

PB169827BL

Lab Name: Alliance Contract: ROYF02

Lab Code: ACE SDG NO.: Q3176

Lab File ID: BF143803.D Lab Sample ID: PB169827BL

Instrument ID: BNA_F Date Extracted: 09/25/2025

Matrix: (soil/water) SOIL Date Analyzed: 09/25/2025

Level: (low/med) LOW Time Analyzed: 13:46

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB169827BS	PB169827BS	BF143804.D	09/25/2025
EME-TS12-01	Q3176-01	BF143813.D	09/25/2025
EME-TS13-01	Q3176-02	BF143814.D	09/25/2025
EME-TS14-02	Q3176-03	BF143815.D	09/25/2025
EME-TS14-01MS	Q3178-02MS	BF143817.D	09/25/2025
EME-TS14-01MSD	Q3178-03MSD	BF143818.D	09/25/2025

COMMENTS:

Form IV SV

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance — Contract: ROYF02

Lab Code: ACE — SDG NO.: Q3176

Lab File ID: BF143790.D — DFTPP Injection Date: 09/23/2025

Instrument ID: BNA_F — DFTPP Injection Time: 09:31

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.6) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.2 (0.6) 1
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
365	Greater than 1% of mass 198	3.2
441	Present, but less than mass 443	8.4
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	18.6 (18.9) 2

1-Value is % mass 69 — 2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BF143791.D	09/23/2025	10:28
SSTDICC005	SSTDICC005	BF143792.D	09/23/2025	10:58
SSTDICC010	SSTDICC010	BF143793.D	09/23/2025	11:57
SSTDICC020	SSTDICC020	BF143794.D	09/23/2025	12:27
SSTDICCC040	SSTDICCC040	BF143795.D	09/23/2025	13:59
SSTDICC050	SSTDICC050	BF143796.D	09/23/2025	14:28
SSTDICC060	SSTDICC060	BF143797.D	09/23/2025	14:58
SSTDICC080	SSTDICC080	BF143798.D	09/23/2025	15:27

Form V SV

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5B
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Contract: ROYF02
Lab Code: ACE
SDG NO.: Q3176
Lab File ID: BF143801.D
DFTPP Injection Date: 09/25/2025
Instrument ID: BNA_F
DFTPP Injection Time: 12:03

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.5) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.2 (0.5) 1
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
365	Greater than 1% of mass 198	3
441	Present, but less than mass 443	83.4
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	14.7 (18.8) 2

1-Value is % mass 69
2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF143802.D	09/25/2025	13:06
PB169827BL	PB169827BL	BF143803.D	09/25/2025	13:46
PB169827BS	PB169827BS	BF143804.D	09/25/2025	14:16
EME-TS12-01	Q3176-01	BF143813.D	09/25/2025	19:51
EME-TS13-01	Q3176-02	BF143814.D	09/25/2025	20:21
EME-TS14-02	Q3176-03	BF143815.D	09/25/2025	20:51
EME-TS14-01MS	Q3178-02MS	BF143817.D	09/25/2025	21:50
EME-TS14-01MSD	Q3178-03MSD	BF143818.D	09/25/2025	22:20

Form V SV

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3176

Client ID : SSTDCCC040 Date Analyzed: 09/25/2025

Lab File ID: BF143802.D Time Analyzed: 13:06

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	104582	6.887	347863	8.17	153714	9.92
	UPPER LIMIT	209164	7.387	695726	8.669	307428	10.422
	LOWER LIMIT	52291	6.387	173932	7.669	76857	9.422
	EPA SAMPLE NO.						
01	PB169827BL	90559.5	6.89	349994	8.16	191362	9.92
02	PB169827BS	154944	6.89	586166	8.17	295245	9.93
03	EME-TS12-01	105437	6.89	336549	8.16	146974	9.92
04	EME-TS13-01	112198	6.89	373168	8.16	167509	9.92
05	EME-TS14-02	125804	6.89	460076	8.16	227974	9.92
06	EME-TS14-01MS	121227	6.89	419443	8.17	197016	9.92
07	EME-TS14-01MSD	126353	6.89	459229	8.17	224210	9.93

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.

Form VIII SV-1

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3176

Client ID: SSTDCCC040 Date Analyzed: 09/25/2025

Lab File ID: BF143802.D Time Analyzed: 13:06

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	230130	11.41	269656	14.057	377788	15.533
	UPPER LIMIT	460260	11.91	539312	14.557	755576	16.033
	LOWER LIMIT	115065	10.91	134828	13.557	188894	15.033
	EPA SAMPLE NO.						
01	PB169827BL	314170	11.41	278890	14.05	321334	15.53
02	PB169827BS	455131	11.42	452412	14.06	566269	15.53
03	EME-TS12-01	254896	11.41	449534	14.05	549396	15.53
04	EME-TS13-01	277433	11.41	463745	14.05	573813	15.53
05	EME-TS14-02	336407	11.41	411393	14.05	527124	15.53
06	EME-TS14-01MS	338625	11.41	466221	14.06	479520	15.53
07	EME-TS14-01MSD	355718	11.42	435935	14.06	434629	15.53

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.

Form VIII SV-1

SAMPLE DATA

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

Alliance TECHNICAL GROUP

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

Report of Analysis

Client:	Weston Solutions, Inc.			Date Collected:	09/23/25		
Project:	RFP 916			Date Received:	09/23/25		
Client Sample ID:	EME-TS12-01			SDG No.:	Q3176		
Lab Sample ID:	Q3176-01			Matrix:	SOIL		
Analytical Method:	8270E			% Solid:	66.1		
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
BF143813.D	1	09/25/25 09:25	09/25/25 19:51	PB169827

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	240	U	240	500	ug/Kg
108-95-2	Phenol	33.4	U	33.4	260	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	36.7	U	36.7	260	ug/Kg
95-57-8	2-Chlorophenol	36.9	U	36.9	260	ug/Kg
95-48-7	2-Methylphenol	45.2	U	45.2	260	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	56.7	U	56.7	260	ug/Kg
98-86-2	Acetophenone	44.6	U	44.6	260	ug/Kg
65794-96-9	3+4-Methylphenols	62.1	U	62.1	500	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	71.6	U	71.6	120	ug/Kg
67-72-1	Hexachloroethane	26.6	U	26.6	260	ug/Kg
98-95-3	Nitrobenzene	27.7	U	27.7	260	ug/Kg
78-59-1	Isophorone	49.6	U	49.6	260	ug/Kg
88-75-5	2-Nitrophenol	88.0	U	88.0	260	ug/Kg
105-67-9	2,4-Dimethylphenol	97.9	U	97.9	260	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	46.5	U	46.5	260	ug/Kg
120-83-2	2,4-Dichlorophenol	42.8	U	42.8	260	ug/Kg
91-20-3	Naphthalene	34.3	U	34.3	260	ug/Kg
106-47-8	4-Chloroaniline	53.5	U	53.5	260	ug/Kg
87-68-3	Hexachlorobutadiene	38.2	U	38.2	260	ug/Kg
105-60-2	Caprolactam	78.7	U	78.7	500	ug/Kg
59-50-7	4-Chloro-3-methylphenol	43.4	U	43.4	260	ug/Kg
91-57-6	2-Methylnaphthalene	38.7	U	38.7	260	ug/Kg
77-47-4	Hexachlorocyclopentadiene	180	U	180	500	ug/Kg
88-06-2	2,4,6-Trichlorophenol	29.9	U	29.9	260	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44.0	U	44.0	260	ug/Kg
92-52-4	1,1-Biphenyl	32.9	U	32.9	260	ug/Kg
91-58-7	2-Chloronaphthalene	34.0	U	34.0	260	ug/Kg
88-74-4	2-Nitroaniline	72.7	U	72.7	260	ug/Kg
131-11-3	Dimethylphthalate	41.0	U	41.0	260	ug/Kg

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Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.			Date Collected:	09/23/25
Project:	RFP 916			Date Received:	09/23/25
Client Sample ID:	EME-TS12-01			SDG No.:	Q3176
Lab Sample ID:	Q3176-01			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	66.1
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
BF143813.D	1	09/25/25 09:25	09/25/25 19:51	PB169827

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	43.7	U	43.7	260	ug/Kg
606-20-2	2,6-Dinitrotoluene	50.8	UQ	50.8	260	ug/Kg
99-09-2	3-Nitroaniline	69.5	U	69.5	260	ug/Kg
83-32-9	Acenaphthene	32.2	U	32.2	260	ug/Kg
51-28-5	2,4-Dinitrophenol	350	U	350	500	ug/Kg
100-02-7	4-Nitrophenol	160	U	160	500	ug/Kg
132-64-9	Dibenzofuran	34.3	U	34.3	260	ug/Kg
121-14-2	2,4-Dinitrotoluene	75.7	U	75.7	260	ug/Kg
84-66-2	Diethylphthalate	42.8	U	42.8	260	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	40.4	U	40.4	260	ug/Kg
86-73-7	Fluorene	38.2	U	38.2	260	ug/Kg
100-01-6	4-Nitroaniline	97.0	U	97.0	260	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	160	U	160	500	ug/Kg
86-30-6	n-Nitrosodiphenylamine	49.7	U	49.7	260	ug/Kg
101-55-3	4-Bromophenyl-phenylether	42.0	U	42.0	260	ug/Kg
118-74-1	Hexachlorobenzene	38.2	U	38.2	260	ug/Kg
1912-24-9	Atrazine	51.4	U	51.4	260	ug/Kg
87-86-5	Pentachlorophenol	77.5	U	77.5	500	ug/Kg
85-01-8	Phenanthrene	140	J	31.6	260	ug/Kg
120-12-7	Anthracene	50.3	U	50.3	260	ug/Kg
86-74-8	Carbazole	47.2	U	47.2	260	ug/Kg
84-74-2	Di-n-butylphthalate	72.4	U	72.4	260	ug/Kg
206-44-0	Fluoranthene	240	J	45.3	260	ug/Kg
129-00-0	Pyrene	130	J	54.4	260	ug/Kg
85-68-7	Butylbenzylphthalate	110	UQ	110	260	ug/Kg
91-94-1	3,3-Dichlorobenzidine	55.5	U	55.5	500	ug/Kg
56-55-3	Benzo(a)anthracene	34.8	U	34.8	260	ug/Kg
218-01-9	Chrysene	30.1	U	30.1	260	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	89.5	U	89.5	260	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	500	ug/Kg
205-99-2	Benzo(b)fluoranthene	120	J	28.7	260	ug/Kg

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Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	09/23/25
Project:	RFP 916	Date Received:	09/23/25
Client Sample ID:	EME-TS12-01	SDG No.:	Q3176
Lab Sample ID:	Q3176-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	66.1
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
BF143813.D	1	09/25/25 09:25	09/25/25 19:51	PB169827

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	33.9	U	33.9	260	ug/Kg
50-32-8	Benzo(a)pyrene	44.6	U	44.6	260	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	44.0	U	44.0	260	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	41.4	U	41.4	260	ug/Kg
191-24-2	Benzo(g,h,i)perylene	38.8	U	38.8	260	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	38.7	U	38.7	260	ug/Kg
123-91-1	1,4-Dioxane	68.3	U	68.3	260	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41.4	U	41.4	260	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	71.1		18 - 112	47%	SPK: 150
13127-88-3	Phenol-d6	67.7		15 - 107	45%	SPK: 150
4165-60-0	Nitrobenzene-d5	53.5		18 - 107	54%	SPK: 100
321-60-8	2-Fluorobiphenyl	48.3		20 - 109	48%	SPK: 100
118-79-6	2,4,6-Tribromophenol	83.6		10 - 116	56%	SPK: 150
1718-51-0	Terphenyl-d14	34.6		10 - 105	35%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	105000	6.887			
1146-65-2	Naphthalene-d8	337000	8.163			
15067-26-2	Acenaphthene-d10	147000	9.922			
1517-22-2	Phenanthrene-d10	255000	11.41			
1719-03-5	Chrysene-d12	450000	14.051			
1520-96-3	Perylene-d12	549000	15.533			
TENTATIVE IDENTIFIED COMPOUNDS						
000544-76-3	Hexadecane	100	J		9.32	ug/Kg
000057-10-3	n-Hexadecanoic acid	450	J		11.9	ug/Kg
003322-62-1	9-Octadecenamide	310	J		14.8	ug/Kg
000629-92-5	Nonadecane	190	J		15.2	ug/Kg
000516-92-7	Cholestan-3-ol, (3.alpha.,5.beta.)	390	J		16.3	ug/Kg
1010210-43-4	Cholestan-2-one	360	J		16.5	ug/Kg
000601-57-0	Cholest-4-en-3-one	130	J		17.2	ug/Kg

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Report of Analysis

Client:	Weston Solutions, Inc.			Date Collected:	09/23/25
Project:	RFP 916			Date Received:	09/23/25
Client Sample ID:	EME-TS12-01			SDG No.:	Q3176
Lab Sample ID:	Q3176-01			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	66.1
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
BF143813.D	1	09/25/25 09:25	09/25/25 19:51	PB169827

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
000083-46-5	.beta.-Sitosterol	300	J		17.7	ug/Kg
001058-61-3	Stigmast-4-en-3-one	190	J		18.7	ug/Kg

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
Data File : BF143813.D
Acq On : 25 Sep 2025 19:51
Operator : RC/JU
Sample : Q3176-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EME-TS12-01

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/26/2025
Supervised By :Jagrut Upadhyay 09/26/2025

Quant Time: Sep 25 23:24:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 05:00:00 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	105437	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	336549	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	146974	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	254896	20.000	ng	0.00
76) Chrysene-d12	14.051	240	449534	20.000	ng	-0.01
86) Perylene-d12	15.533	264	549396	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	461399	71.098	ng	0.00
7) Phenol-d6	6.498	99	507991	67.747	ng	-0.01
23) Nitrobenzene-d5	7.440	82	294229	53.514	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	181837	83.558	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	454910	48.300	ng	0.00
79) Terphenyl-d14	12.998	244	764459	34.585	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.433	178	37472	2.863	ng	100
75) Fluoranthene	12.622	202	63166	4.799	ng	98
78) Pyrene	12.851	202	58765	2.659	ng	96
88) Benzo(b)fluoranthene	15.098	252	66981m	2.394	ng	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
Data File : BF143813.D
Acq On : 25 Sep 2025 19:51
Operator : RC/JU
Sample : Q3176-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 25 23:24:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 05:00:00 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
EME-TS12-01

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 09/26/2025
Supervised By :Jagrut Upadhyay 09/26/2025

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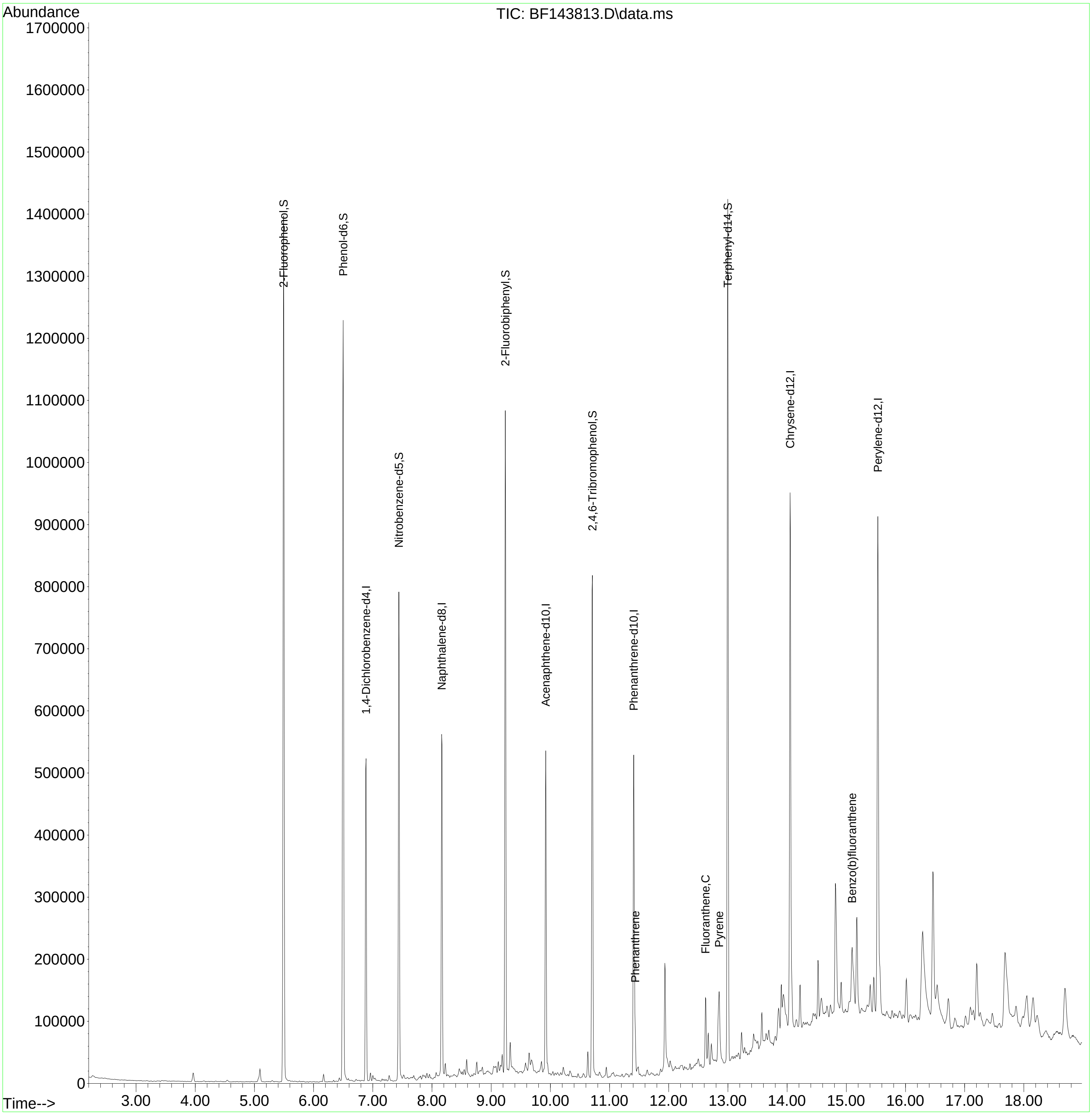
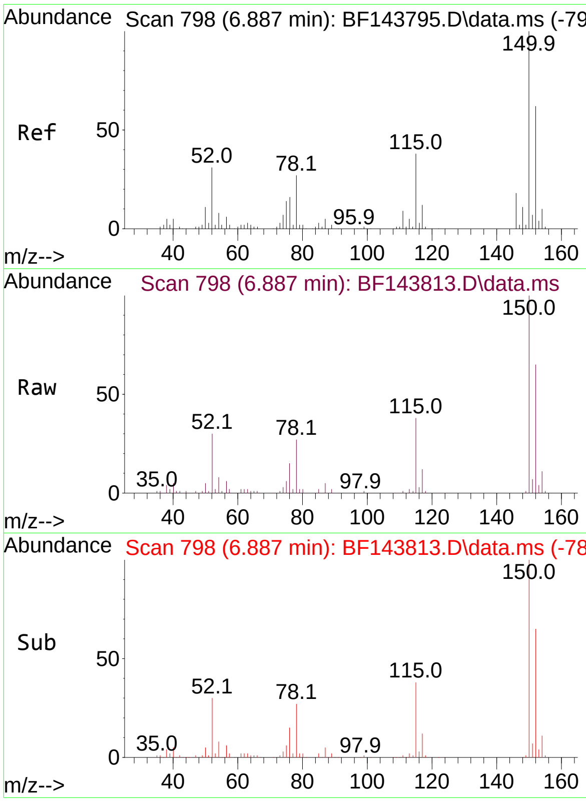


Instrument :
BNA_F
ClientSampleId :
EME-TS12-01

Manual Integrations
APPROVED
Reviewed By :Rahul Chavli 09/26/2025
Supervised By :Jagrut Upadhyay 09/26/2025

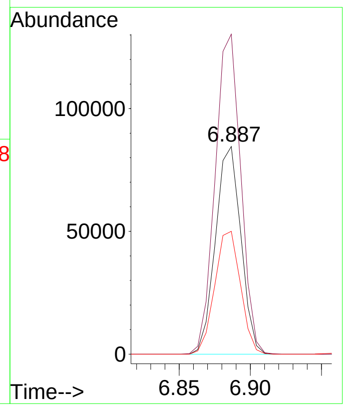
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

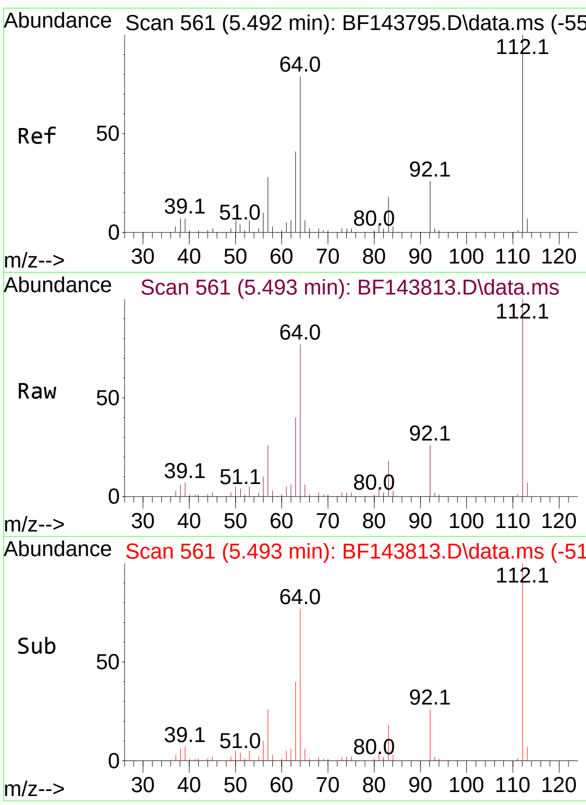


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF143813.D
Acq: 25 Sep 2025 19:51

Tgt Ion:152 Resp: 10543

Ion	Ratio	Lower	Upper
152	100		
150	154.2	129.6	194.4
115	59.2	49.0	73.4

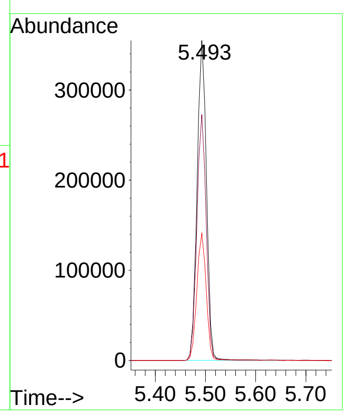




#5
2-Fluorophenol
Concen: 71.098 ng
RT: 5.493 min Scan# 561
Delta R.T. -0.005 min
Lab File: BF143813.D
Acq: 25 Sep 2025 19:51

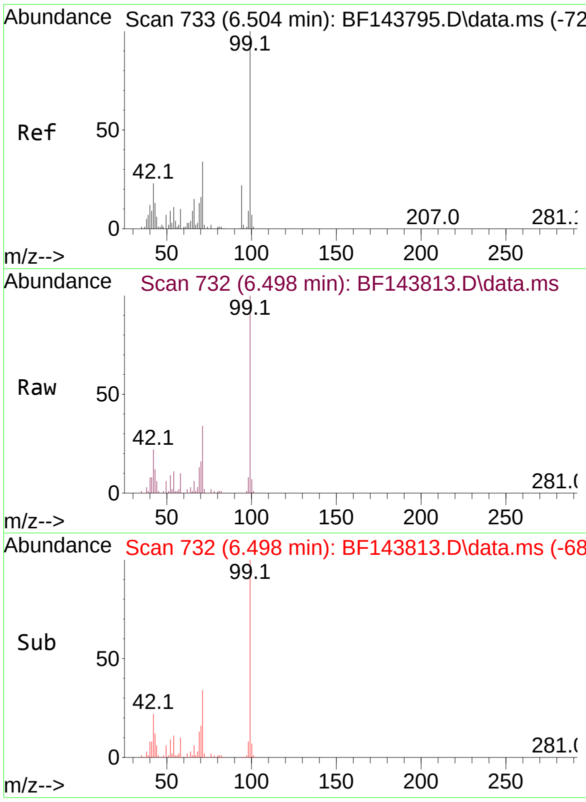
Tgt Ion:112 Resp: 461399

Ion	Ratio	Lower	Upper
112	100		
64	76.8	63.0	94.4
63	39.7	32.6	49.0

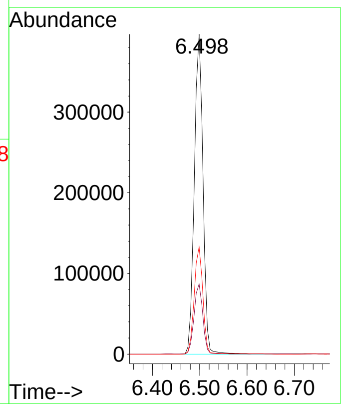


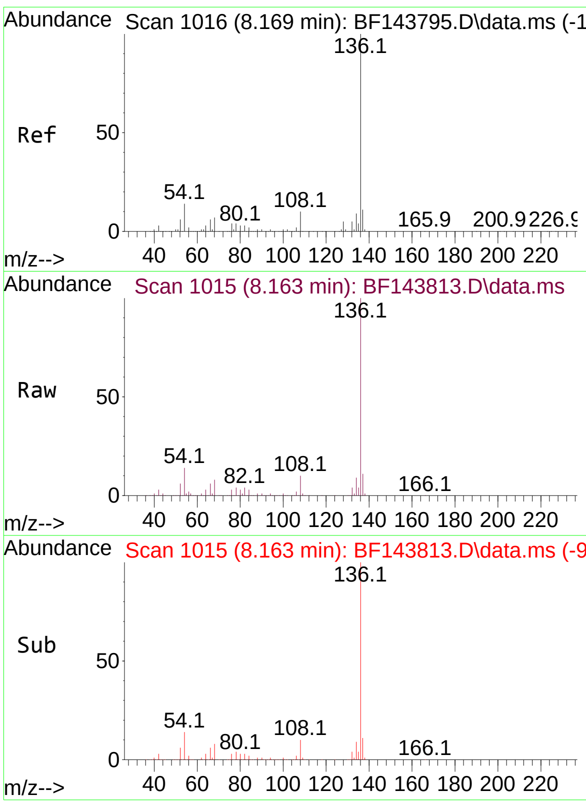
Instrument :
BNA_F
ClientSampleId :
EME-TS12-01

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 09/26/2025
Supervised By :Jagrut Upadhyay 09/26/2025

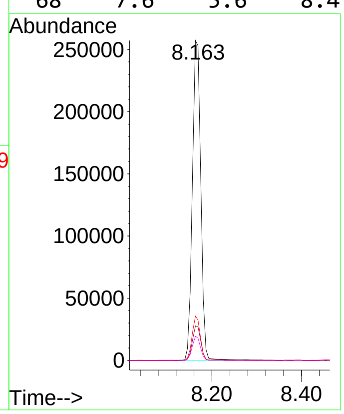


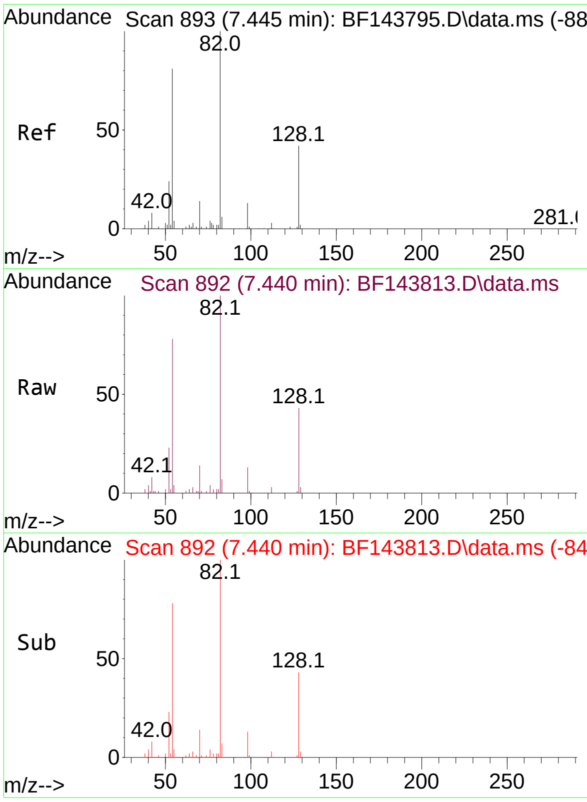

```
#7
Phenol-d6
Concen:   67.747 ng
RT:   6.498 min  Scan# 73
Delta R.T.   -0.012 min
Lab File:   BF143813.D
Acq: 25 Sep 2025  19:51

Tgt Ion: 99 Resp:  507991
Ion  Ratio  Lower  Upper
 99  100
 42   21.9   18.6   28.0
 71   33.5   27.0   40.4
```






```
#21
Naphthalene-d8
Concen:   20.000 ng
RT:   8.163 min  Scan# 1015
Delta R.T.   -0.006 min
Lab File:   BF143813.D
Acq: 25 Sep 2025  19:51

Tgt Ion:136 Resp:  336549
Ion  Ratio  Lower  Upper
136  100
137   10.8    9.0   13.4
 54   13.8   11.2   16.8
 68    7.6    5.6    8.4
```

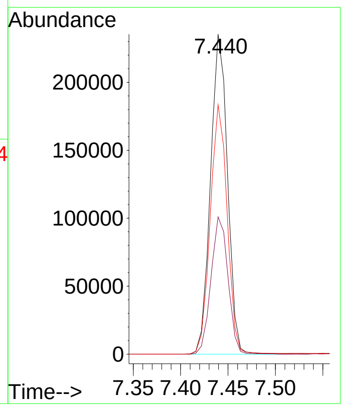




#23
Nitrobenzene-d5
Concen: 53.514 ng
RT: 7.440 min Scan# 89
Delta R.T. -0.011 min
Lab File: BF143813.D
Acq: 25 Sep 2025 19:51

Tgt Ion: 82 Resp: 294229

Ion	Ratio	Lower	Upper
82	100		
128	42.9	33.3	49.9
54	77.9	64.2	96.4



Instrument :
BNA_F
ClientSampleId :
EME-TS12-01

Manual Integrations
APPROVED
Reviewed By :Rahul Chavli 09/26/2025
Supervised By :Jagrut Upadhyay 09/26/2025

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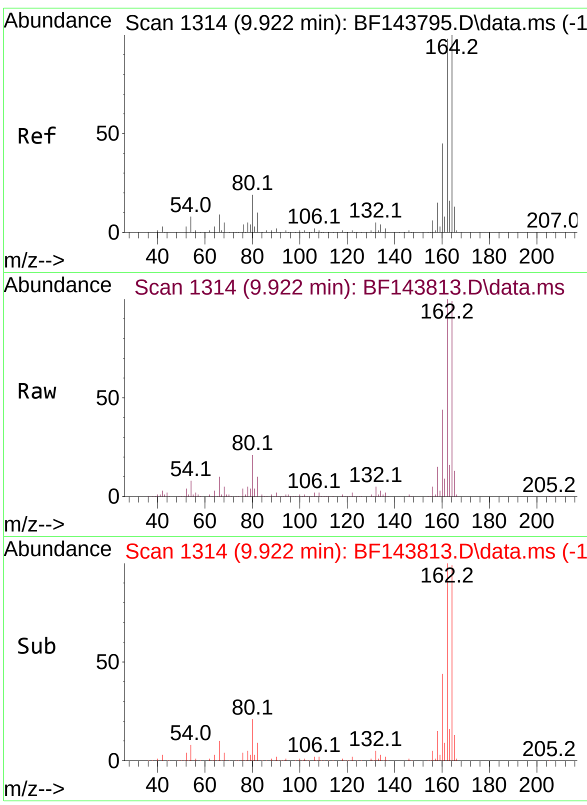
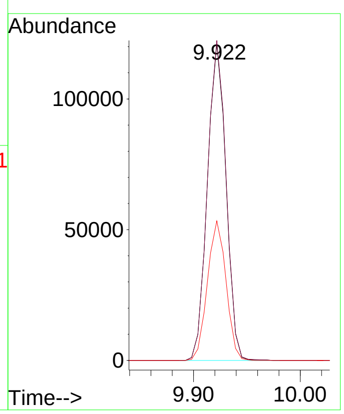
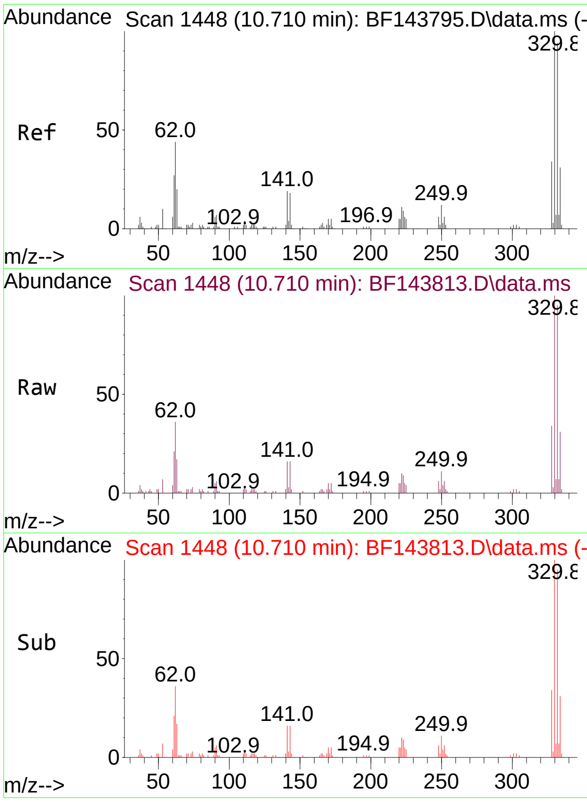


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BF143813.D
Acq: 25 Sep 2025 19:51

Tgt Ion:164 Resp: 146974

Ion	Ratio	Lower	Upper
164	100		
162	101.0	78.8	118.2
160	44.0	35.8	53.6

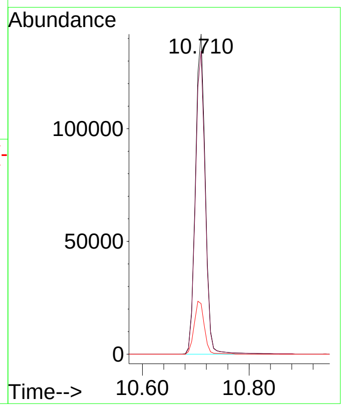




#42
2,4,6-Tribromophenol
Concen: 83.558 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143813.D
Acq: 25 Sep 2025 19:51

Tgt Ion:330 Resp: 181837

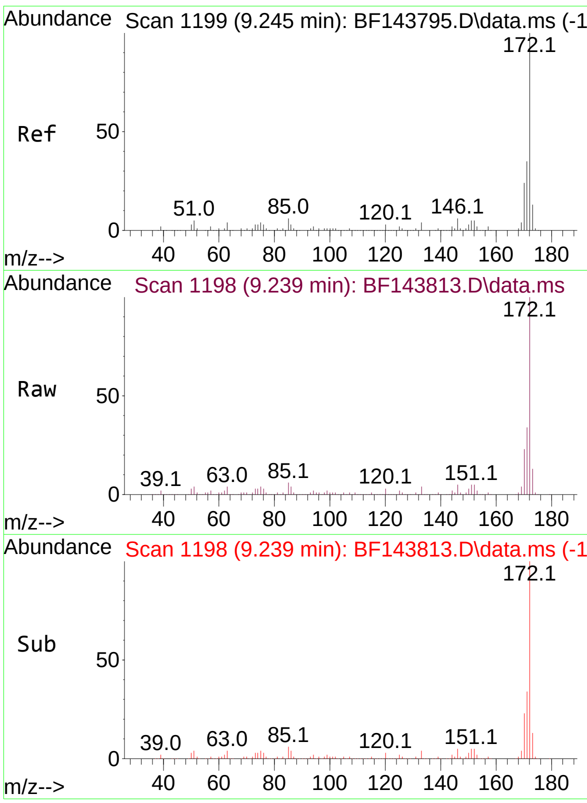
Ion	Ratio	Lower	Upper
330	100		
332	94.7	74.7	112.1
141	17.0	14.3	21.5



Instrument :
BNA_F
ClientSampleId :
EME-TS12-01

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 09/26/2025
Supervised By :Jagrut Upadhyay 09/26/2025

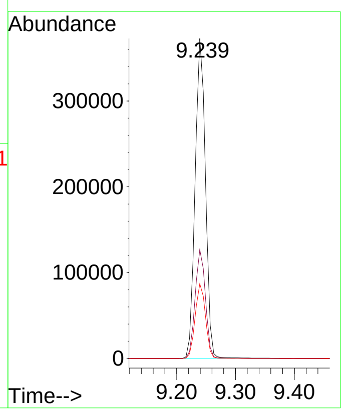
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18



#45
2-Fluorobiphenyl
Concen: 48.300 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF143813.D
Acq: 25 Sep 2025 19:51

Tgt Ion:172 Resp: 454910

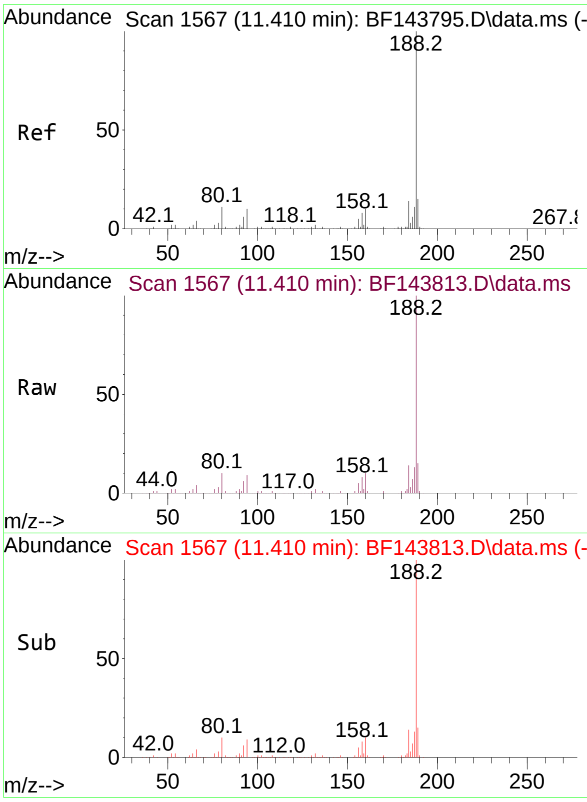
Ion	Ratio	Lower	Upper
172	100		
171	34.0	27.9	41.9
170	23.3	19.1	28.7



Instrument :
BNA_F
ClientSampleId :
EME-TS12-01

Manual Integrations APPROVED

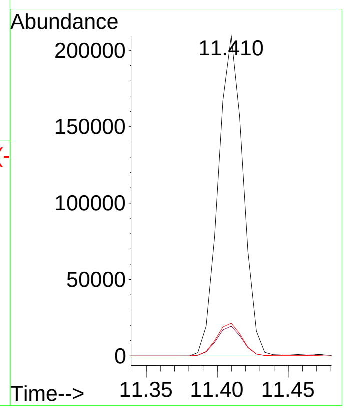
Reviewed By :Rahul Chavli 09/26/2025
Supervised By :Jagrut Upadhyay 09/26/2025

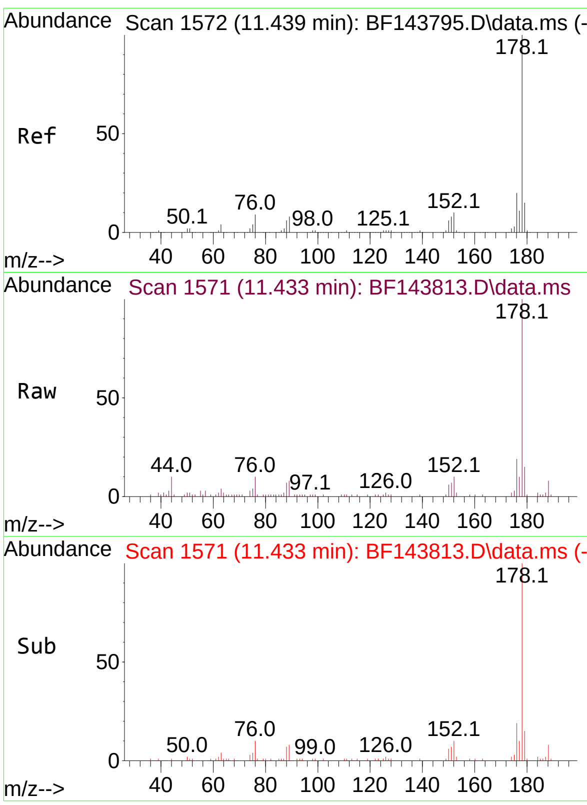


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143813.D
Acq: 25 Sep 2025 19:51

Tgt Ion:188 Resp: 25489

Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.2	12.2
80	10.3	8.6	12.8

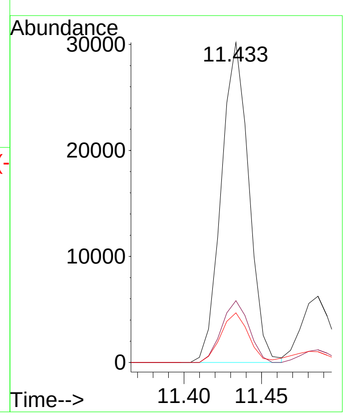


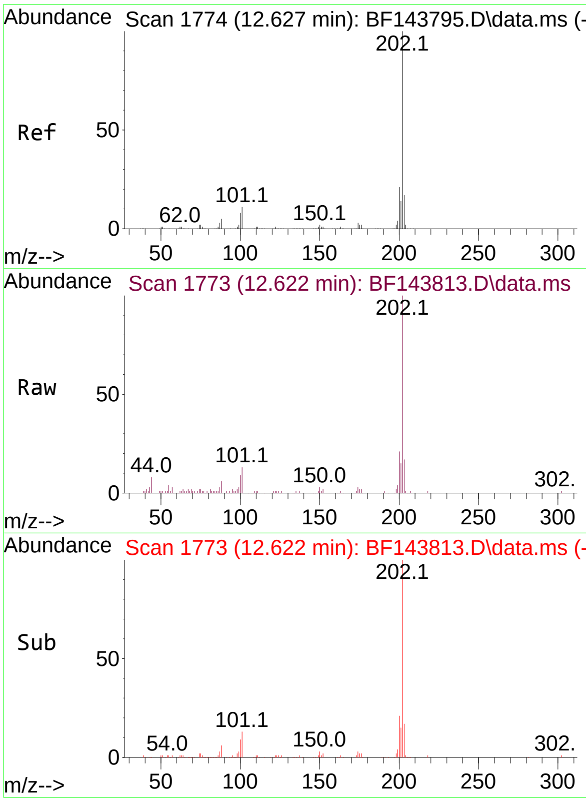


#71
Phenanthrene
Concen: 2.863 ng
RT: 11.433 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BF143813.D
Acq: 25 Sep 2025 19:51

Tgt Ion:178 Resp: 37472

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.6	23.4
179	15.5	12.2	18.4

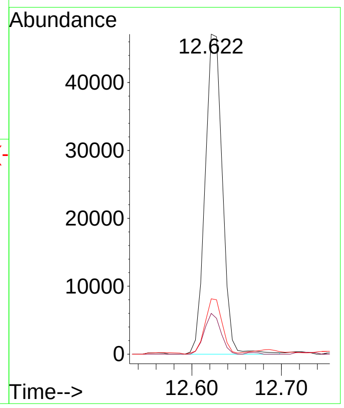




#75
Fluoranthene
Concen: 4.799 ng
RT: 12.622 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143813.D
Acq: 25 Sep 2025 19:51

Tgt Ion:202 Resp: 63166

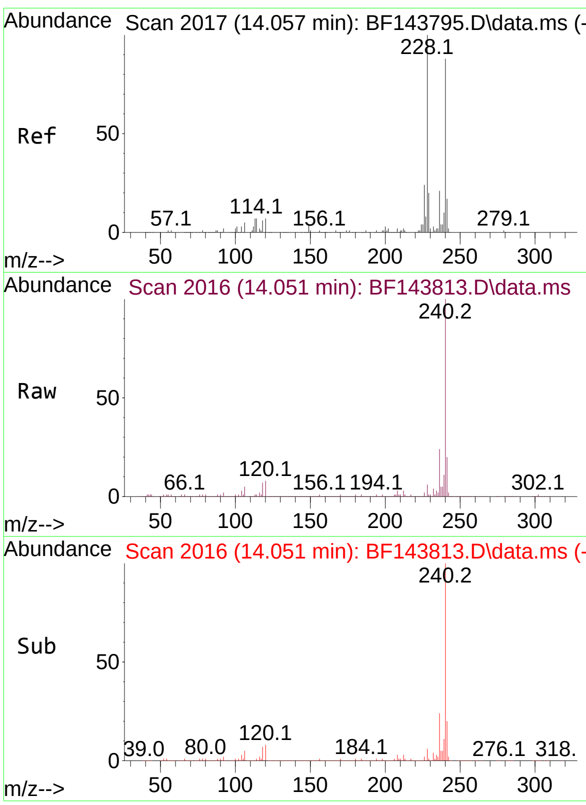
Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	31.1
203	17.3	0.0	37.4



Instrument :
BNA_F
ClientSampleId :
EME-TS12-01

Manual Integrations APPROVED

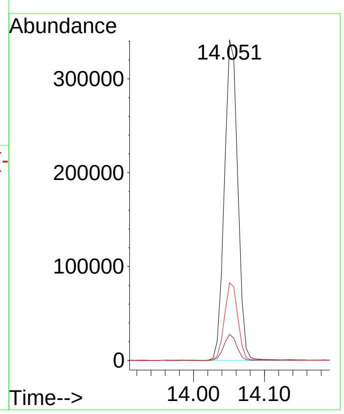
Reviewed By :Rahul Chavli 09/26/2025
Supervised By :Jagrut Upadhyay 09/26/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF143813.D
Acq: 25 Sep 2025 19:51

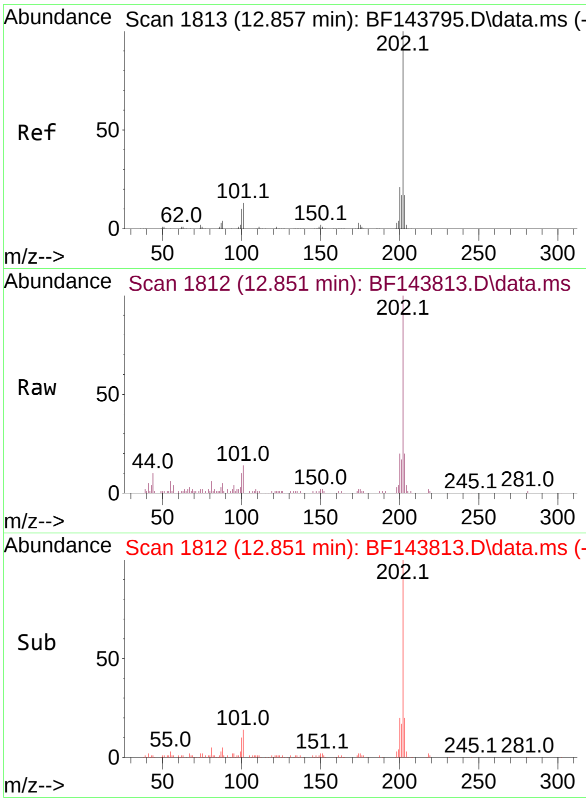
Tgt Ion:240 Resp: 449534

Ion	Ratio	Lower	Upper
240	100		
120	8.1	6.2	9.4
236	24.2	19.4	29.2



Instrument :
BNA_F
ClientSampleId :
EME-TS12-01

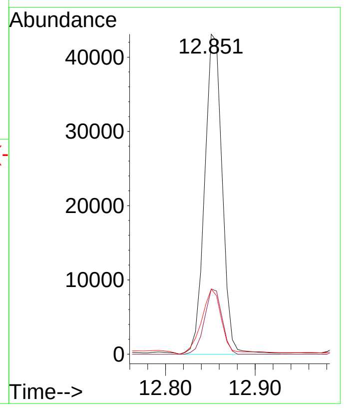
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 09/26/2025
Supervised By :Jagrut Upadhyay 09/26/2025

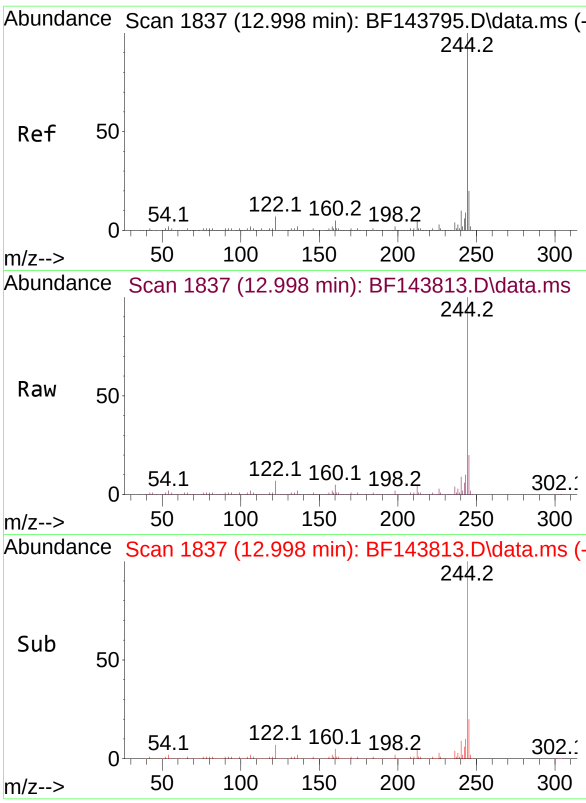


#78
Pyrene
Concen: 2.659 ng
RT: 12.851 min Scan# 18
Delta R.T. -0.006 min
Lab File: BF143813.D
Acq: 25 Sep 2025 19:51

Tgt Ion:202 Resp: 58765

Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.0	25.4
203	20.3	13.9	20.9

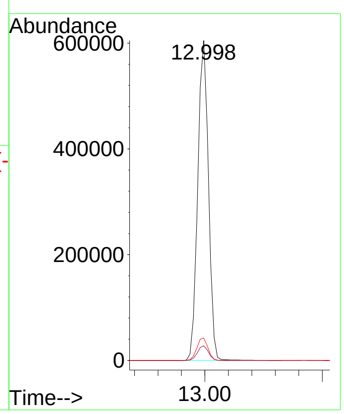




#79
Terphenyl-d14
Concen: 34.585 ng
RT: 12.998 min Scan# 1837
Delta R.T. -0.006 min
Lab File: BF143813.D
Acq: 25 Sep 2025 19:51

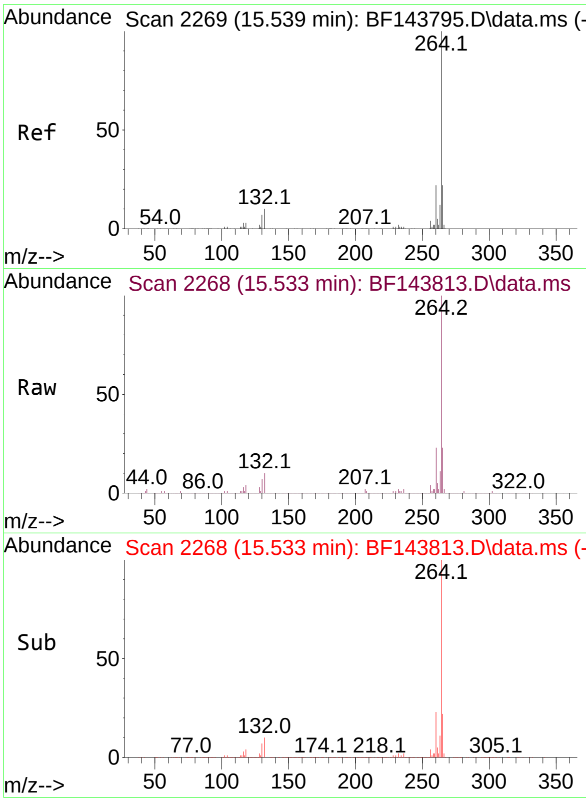
Tgt Ion:244 Resp: 764459

Ion	Ratio	Lower	Upper
244	100		
212	4.6	3.9	5.9
122	7.0	5.6	8.4

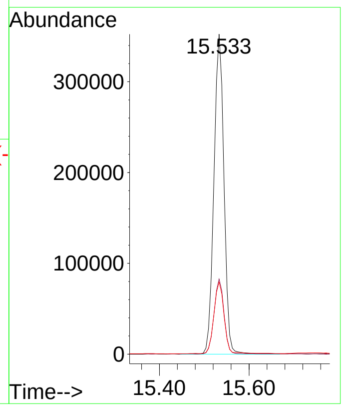


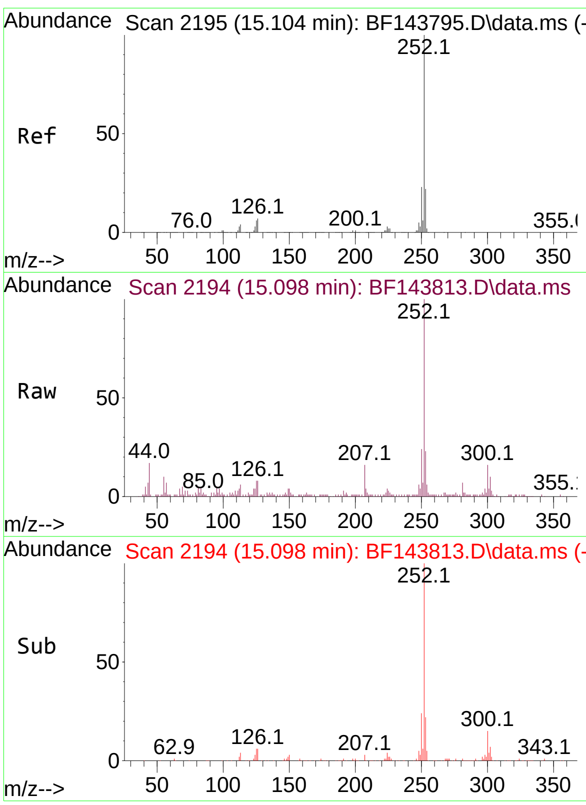
Instrument :
BNA_F
ClientSampleId :
EME-TS12-01

Manual Integrations
APPROVED
Reviewed By :Rahul Chavli 09/26/2025
Supervised By :Jagrut Upadhyay 09/26/2025

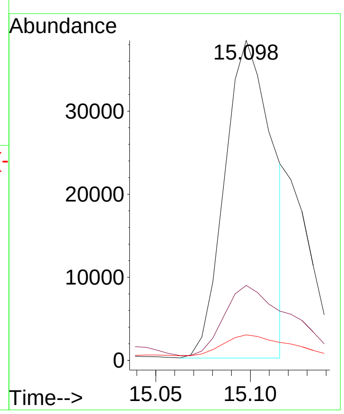



```
#86
Perylene-d12
Concen:   20.000 ng
RT:  15.533 min  Scan# 2
Delta R.T.  -0.006 min
Lab File:   BF143813.D
Acq: 25 Sep 2025  19:51

Tgt Ion:264 Resp:  549396
Ion  Ratio  Lower  Upper
264  100
260   23.5   17.9   26.9
265   22.5   17.7   26.5
```






```
#88
Benzo(b)fluoranthene
Concen:    2.394 ng  m
RT:  15.098 min  Scan# 2194
Delta R.T.  -0.006 min
Lab File:   BF143813.D
Acq: 25 Sep 2025  19:51

Tgt Ion:252 Resp:   66981
Ion  Ratio  Lower  Upper
252  100
253   23.4   17.8   26.8
125    8.0    4.4    6.6#
```



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
Data File : BF143813.D
Acq On : 25 Sep 2025 19:51
Operator : RC/JU
Sample : Q3176-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EME-TS12-01

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-BF092325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143813.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.963	295	301	307	rVB	13966	23005	1.27%	0.121%
2	5.093	483	493	499	rBV2	20642	37085	2.06%	0.195%
3	5.493	555	561	575	rBV	1394424	1804334	100.00%	9.476%
4	6.498	726	732	744	rBV	1224476	1561286	86.53%	8.200%
5	6.887	792	798	803	rBV	518924	658724	36.51%	3.460%
6	7.440	884	892	897	rBV	787227	989014	54.81%	5.194%
7	8.163	1008	1015	1022	rBV	549421	720293	39.92%	3.783%
8	8.228	1022	1026	1029	rVB	19951	25133	1.39%	0.132%
9	8.463	1060	1066	1072	rBV5	12326	29086	1.61%	0.153%
10	8.587	1083	1087	1098	rVB	28027	45277	2.51%	0.238%
11	8.757	1112	1116	1120	rBV	19891	24477	1.36%	0.129%
12	9.045	1160	1165	1168	rBV4	12294	23923	1.33%	0.126%
13	9.122	1174	1178	1181	rBV	17117	21794	1.21%	0.114%
14	9.186	1186	1189	1193	rVB	28869	34170	1.89%	0.179%
15	9.239	1193	1198	1203	rBV	1065714	1301629	72.14%	6.836%
16	9.322	1207	1212	1217	rBV	44648	62184	3.45%	0.327%
17	9.581	1252	1256	1262	rBV4	12084	18295	1.01%	0.096%
18	9.639	1262	1266	1270	rVV3	28784	47737	2.65%	0.251%
19	9.681	1270	1273	1280	rVB2	17813	37775	2.09%	0.198%
20	9.851	1298	1302	1306	rVB	16759	23261	1.29%	0.122%
21	9.922	1309	1314	1318	rBV	512671	619907	34.36%	3.256%
22	10.216	1360	1364	1375	rVB	13200	23700	1.31%	0.124%
23	10.333	1380	1384	1390	rVB3	9428	18266	1.01%	0.096%
24	10.633	1431	1435	1442	rVB	41433	53336	2.96%	0.280%
25	10.710	1442	1448	1459	rBV	808762	1083667	60.06%	5.691%
26	10.945	1480	1488	1493	rVB	16351	25641	1.42%	0.135%
27	11.410	1562	1567	1575	rBV2	515725	721914	40.01%	3.791%
28	11.486	1575	1580	1583	rVB2	12689	22930	1.27%	0.120%
29	11.639	1600	1606	1612	rBV2	9958	20470	1.13%	0.108%
30	11.933	1649	1656	1668	rVV3	177508	320170	17.74%	1.681%
31	12.027	1668	1672	1680	rVB2	16284	35984	1.99%	0.189%
32	12.622	1769	1773	1777	rBV	109785	150469	8.34%	0.790%
33	12.669	1777	1781	1786	rVB	50951	67638	3.75%	0.355%
34	12.722	1786	1790	1797	rBV3	33583	56718	3.14%	0.298%
35	12.851	1805	1812	1826	rVB2	115143	256944	14.24%	1.349%
36	12.998	1831	1837	1843	rVV	1387843	1773841	98.31%	9.316%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
Data File : BF143813.D
Acq On : 25 Sep 2025 19:51
Operator : RC/JU
Sample : Q3176-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EME-TS12-01

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-BF092325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.233	1873	1877	1882	rBV2	41629	70391	3.90%	0.370%
38	13.433	1908	1911	1915	rBV2	21161	34527	1.91%	0.181%
39	13.574	1931	1935	1939	rBV	50036	64604	3.58%	0.339%
40	13.857	1978	1983	1987	rBV4	43995	85345	4.73%	0.448%
41	13.904	1987	1991	1993	rBV2	70454	93670	5.19%	0.492%
42	14.051	2011	2016	2029	rVB	860635	1264803	70.10%	6.643%
43	14.221	2041	2045	2050	rVB	68400	93992	5.21%	0.494%
44	14.521	2092	2096	2100	rBV	94378	122761	6.80%	0.645%
45	14.816	2142	2146	2158	rBV3	204325	418515	23.19%	2.198%
46	14.916	2159	2163	2170	rVB2	49080	74656	4.14%	0.392%
47	15.098	2190	2194	2203	rVV	91214	213512	11.83%	1.121%
48	15.180	2203	2208	2217	rVB	154680	256727	14.23%	1.348%
49	15.404	2243	2246	2252	rVB	43917	63619	3.53%	0.334%
50	15.463	2253	2256	2262	rVV	57152	88722	4.92%	0.466%
51	15.533	2262	2268	2282	rVB	802640	1369109	75.88%	7.190%
52	16.015	2346	2350	2356	rVB	69724	120057	6.65%	0.631%
53	16.292	2389	2397	2419	rVB4	132817	530279	29.39%	2.785%
54	16.462	2420	2426	2434	rBV2	228135	486803	26.98%	2.557%
55	17.204	2547	2552	2559	rBV2	87463	174403	9.67%	0.916%
56	17.680	2627	2633	2654	rBV9	106084	409064	22.67%	2.148%
57	18.692	2800	2805	2821	rVB4	80528	265126	14.69%	1.392%

Sum of corrected areas: 19040762

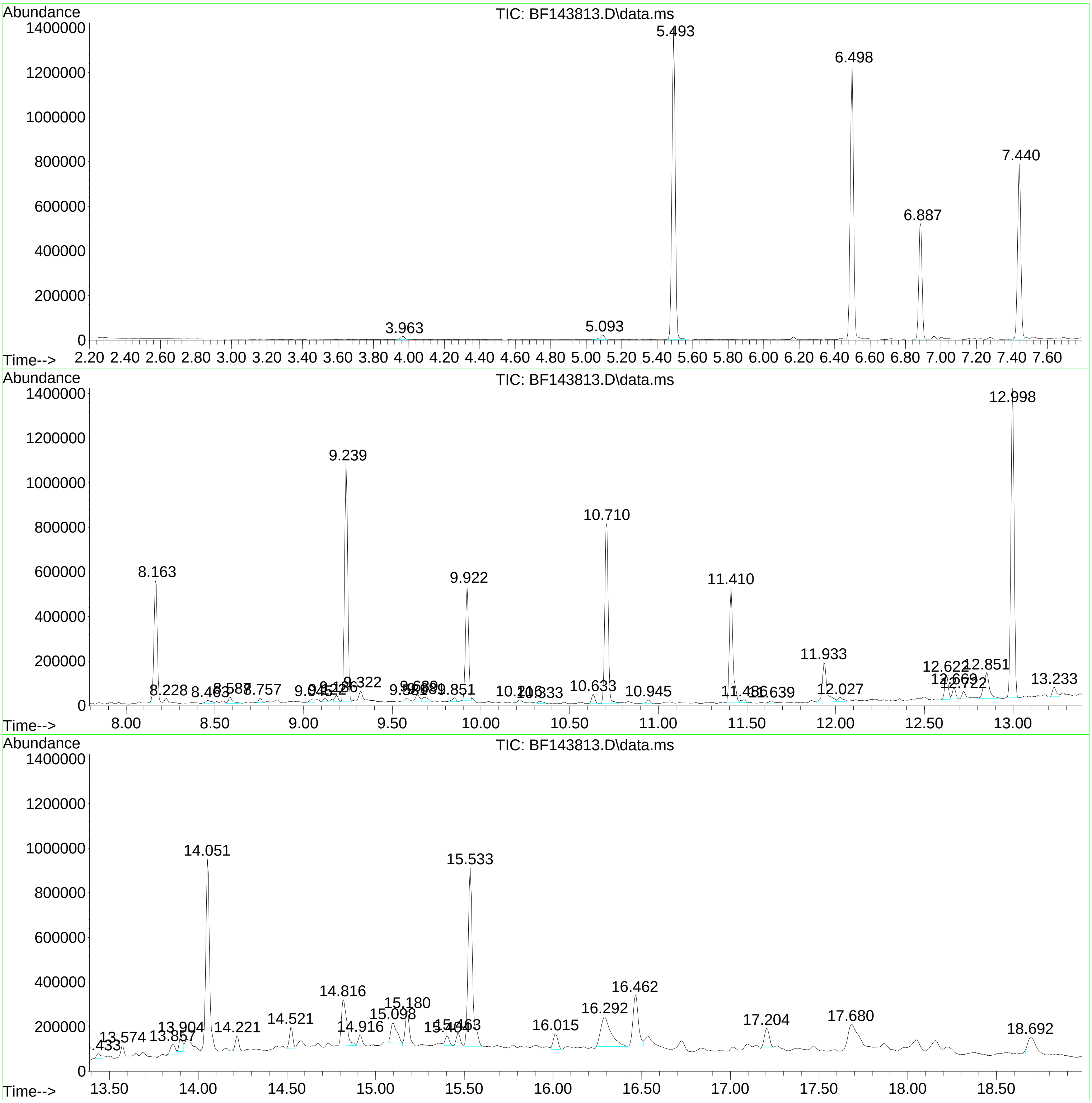
Sample Results: **BF143813.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
Data File : BF143813.D
Acq On : 25 Sep 2025 19:51
Operator : RC/JU
Sample : Q3176-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EME-TS12-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Instrument : BNA_F
ClientSampleId : EME-TS12-01

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Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
Data File : BF143813.D
Acq On    : 25 Sep 2025  19:51
Operator  : RC/JU
Sample    : Q3176-01
Misc      :
ALS Vial  : 12   Sample Multiplier: 1

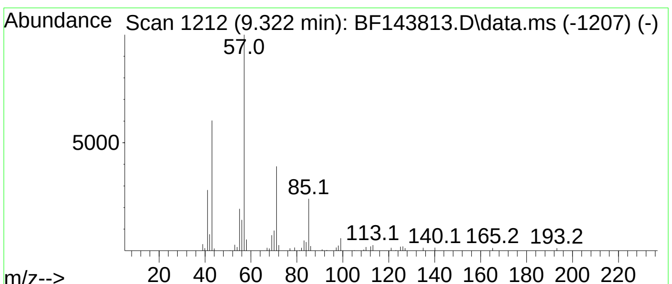
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

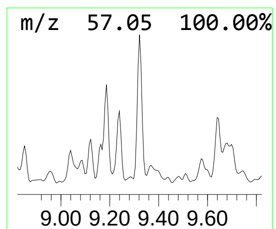
TIC Library    : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

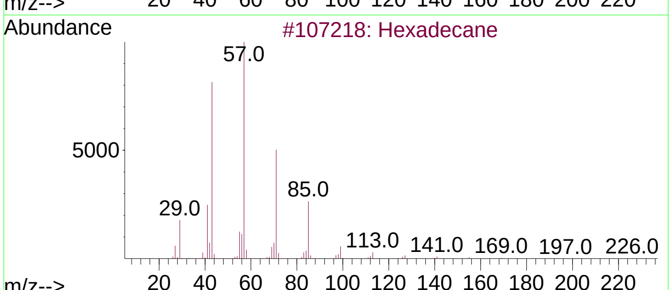
**********************************************************************
Peak Number  1  Hexadecane                      Concentration Rank  9
```

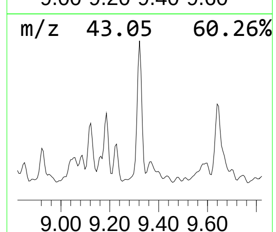
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.322	2.01 ng	62184	Acenaphthene-d10	9.922

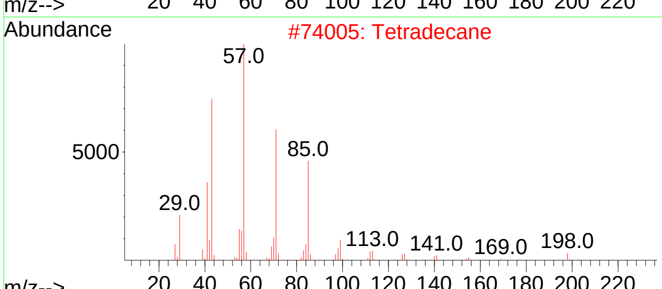
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	87
2	Tetradecane	198	C14H30	000629-59-4	78
3	Tridecane	184	C13H28	000629-50-5	78
4	Nonadecane	268	C19H40	000629-92-5	72
5	Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	64

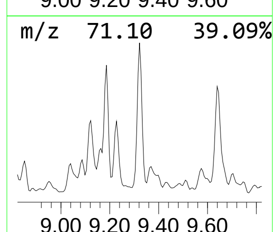


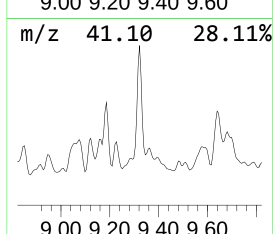


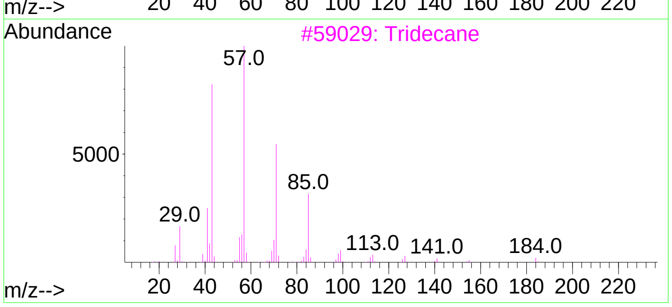


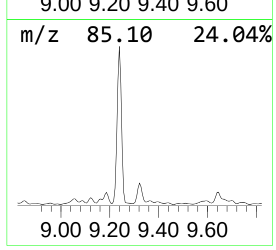












Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
Data File : BF143813.D
Acq On : 25 Sep 2025 19:51
Operator : RC/JU
Sample : Q3176-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EME-TS12-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

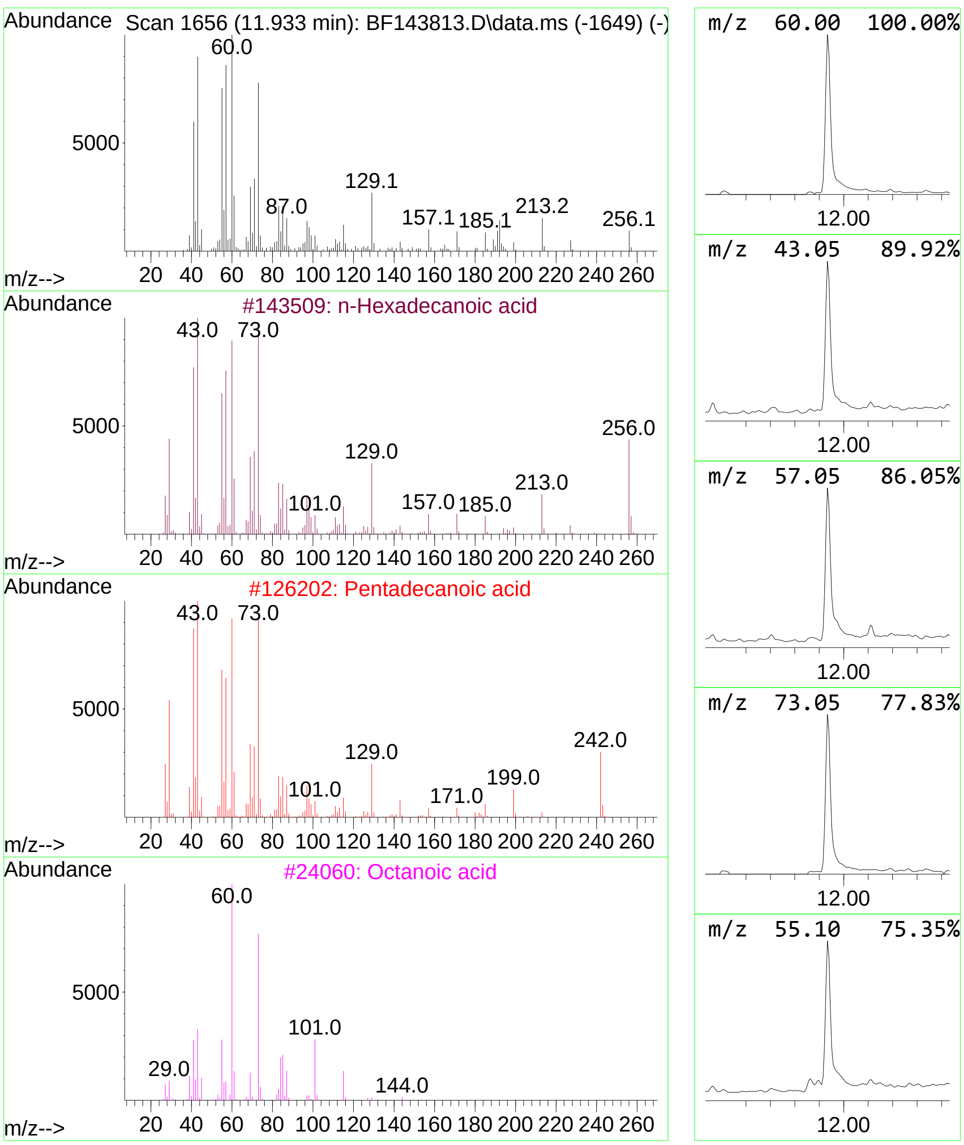
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	8.87 ng	320170	Phenanthrene-d10	11.410

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	68
3	Octanoic acid	144	C8H16O2	000124-07-2	60
4	Nonanoic acid	158	C9H18O2	000112-05-0	60
5	Tridecanoic acid	214	C13H26O2	000638-53-9	58



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Acq On    : 25 Sep 2025  19:51
Operator  : RC/JU
Sample    : Q3176-01
Misc      :
ALS Vial  : 12   Sample Multiplier: 1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library    : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P
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Instrument : BNA_F
ClientSampleId : EME-TS12-01

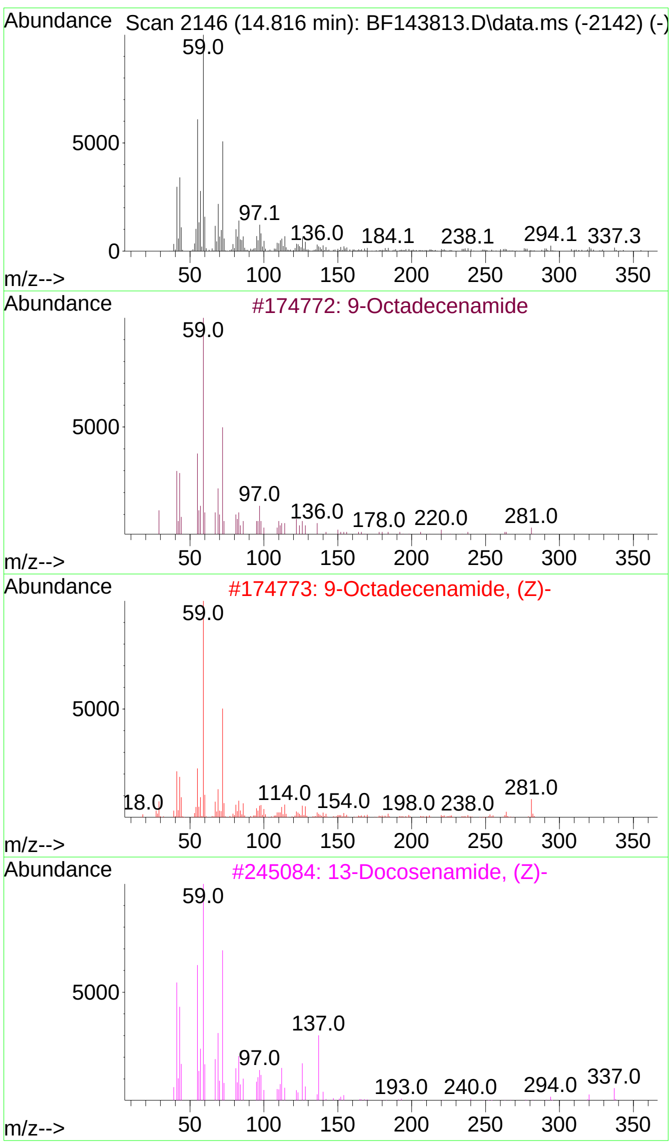
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

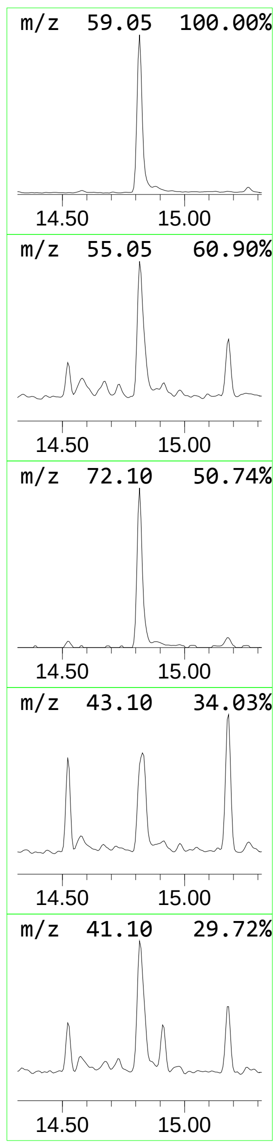
****

Peak Number 3 9-Octadecenamide   Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.816	6.11 ng	418515	Perylene-d12	15.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide	281	C18H35NO	003322-62-1	93
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	87
3	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	87
4	7-Nonenamide	155	C9H17NO	090949-53-4	74
5	Palmitoleamide	253	C16H31NO	106010-22-4	72





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Data File : BF143813.D
Acq On : 25 Sep 2025 19:51
Operator : RC/JU
Sample : Q3176-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EME-TS12-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

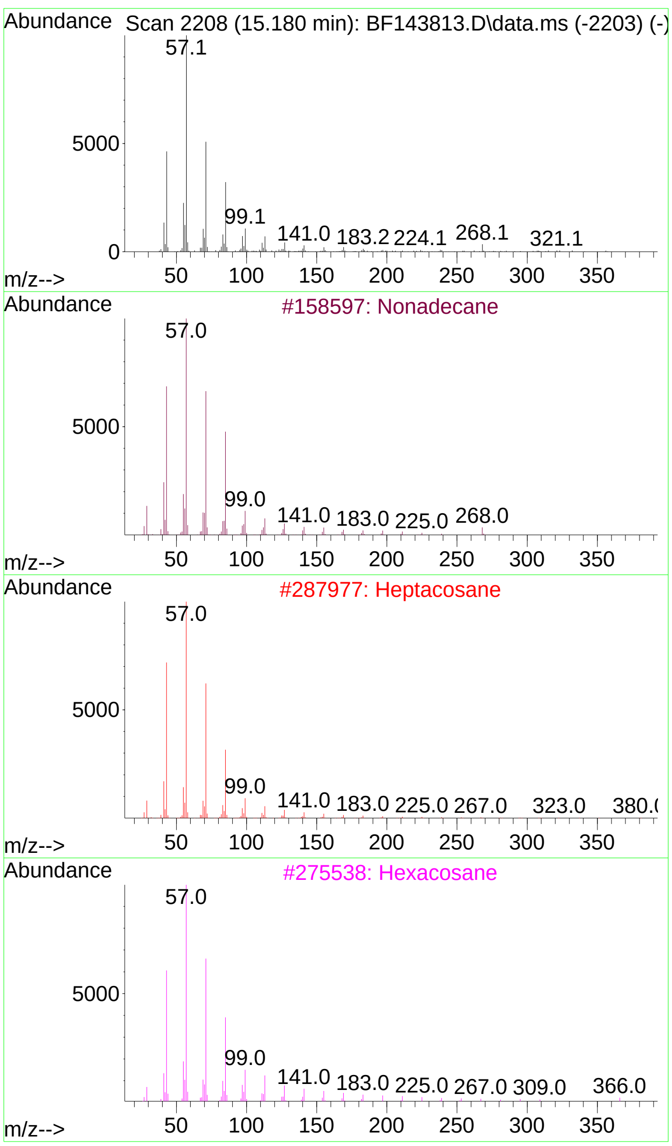
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

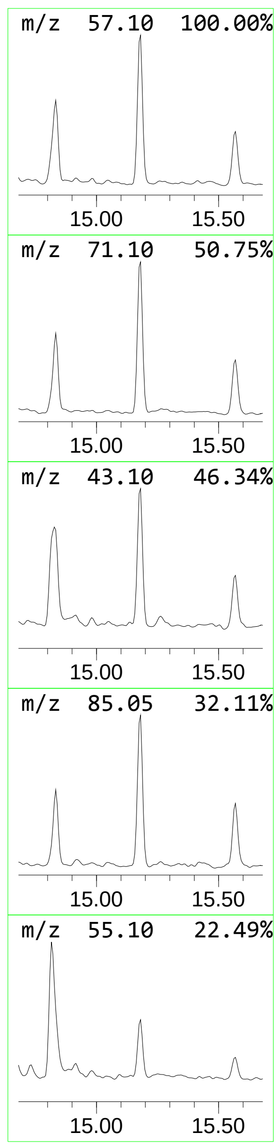
****

Peak Number 4 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.180	3.75 ng	256727	Perylene-d12	15.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Heptacosane	380	C27H56	000593-49-7	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Hentriacontane	437	C31H64	000630-04-6	90
5	Pentacosane	352	C25H52	000629-99-2	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
Data File : BF143813.D
Acq On : 25 Sep 2025 19:51
Operator : RC/JU
Sample : Q3176-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EME-TS12-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

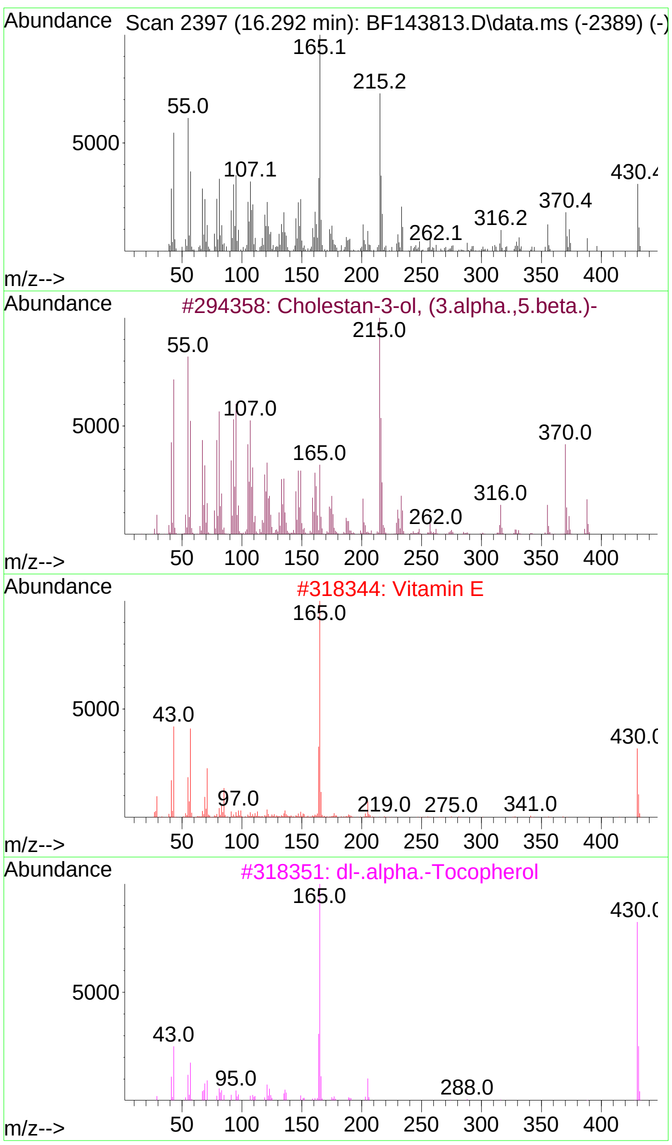
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

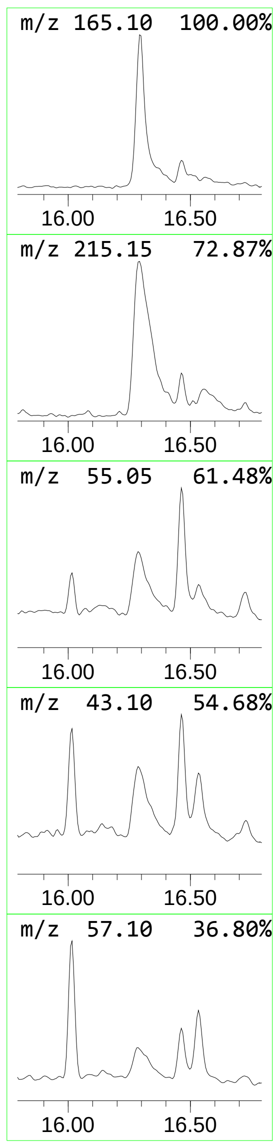
****

Peak Number 5 Cholestan-3-ol, (3.alpha.,5... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.292	7.75 ng	530279	Perylene-d12	15.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholestan-3-ol, (3.alpha.,5.beta.)-	388	C27H48O	000516-92-7	96
2	Vitamin E	430	C29H50O2	000059-02-9	62
3	dl-.alpha.-Tocopherol	430	C29H50O2	010191-41-0	52
4	6-Methoxy-2,7,8-trimethyl-2-(4,8...	430	C29H50O2	079306-82-4	41
5	Cylindrol B	370	C23H30O4	165187-16-6	38





Instrument :	BNA_F
ClientSampleId :	EME-TS12-01

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

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Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
Data File : BF143813.D
Acq On    : 25 Sep 2025  19:51
Operator  : RC/JU
Sample    : Q3176-01
Misc      :
ALS Vial  : 12   Sample Multiplier: 1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

*********************************************************************
Peak Number  6  Cholestan-2-one                 Concentration Rank  3

  R.T.     EstConc          Area       Relative to ISTD          R.T.
---------------------------------------------------------------------
 16.462    7.11 ng         486803    Perylene-d12               15.533

 Hit# of  5    Tentative ID               MW  MolForm       CAS#      Qual
---------------------------------------------------------------------
 1 Cholestan-2-one                       386 C27H46O       1010210-43-4 94
 2 Cholestan-3-one                       386 C27H46O       015600-08-5 93
 3 Cholestan-3-one, (5.alpha.)-          386 C27H46O       000566-88-1 64
 4 Cholest-4-en-3-ol                     386 C27H46O       014597-42-3 59
 5 Pregn-20-en-3-ol, 20-methyl-, (3... 316 C22H36O       054411-87-9 48
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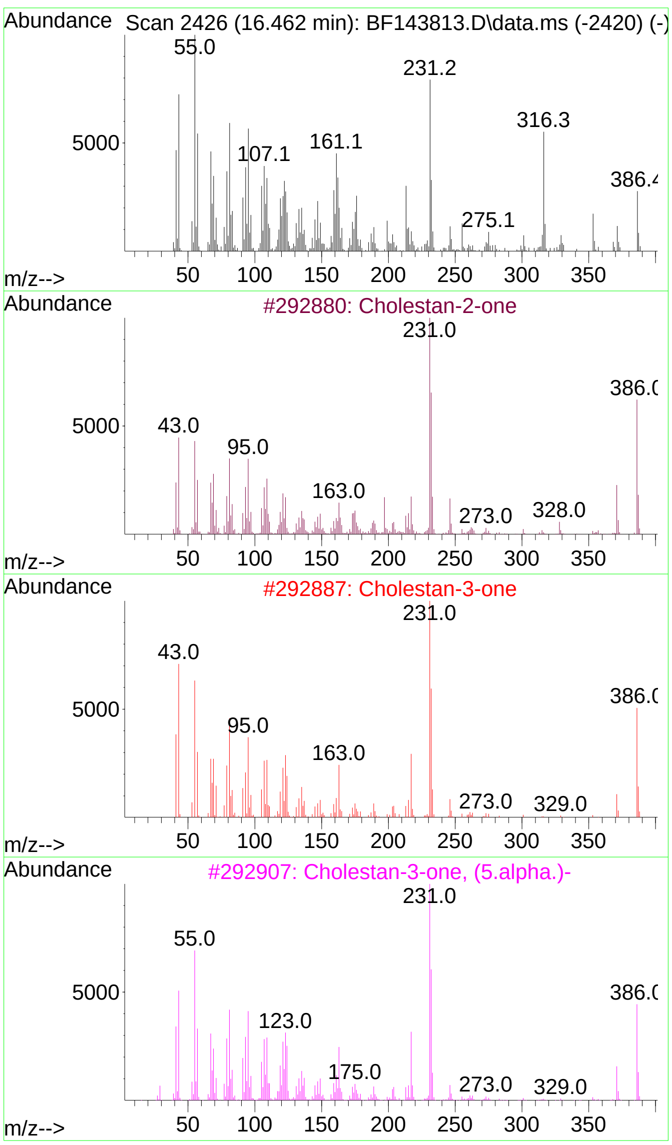

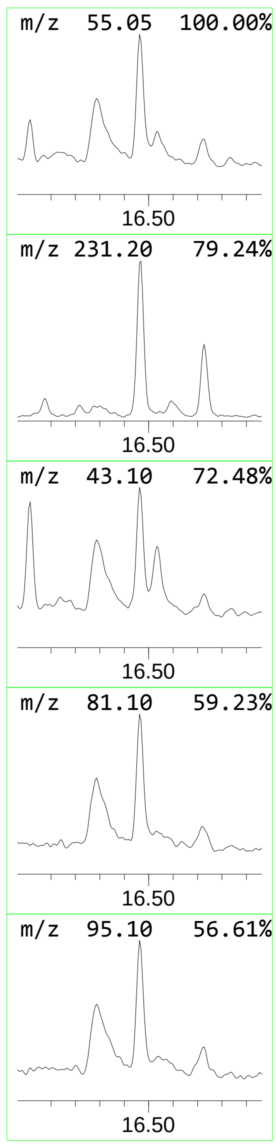

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Data File : BF143813.D
Acq On : 25 Sep 2025 19:51
Operator : RC/JU
Sample : Q3176-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EME-TS12-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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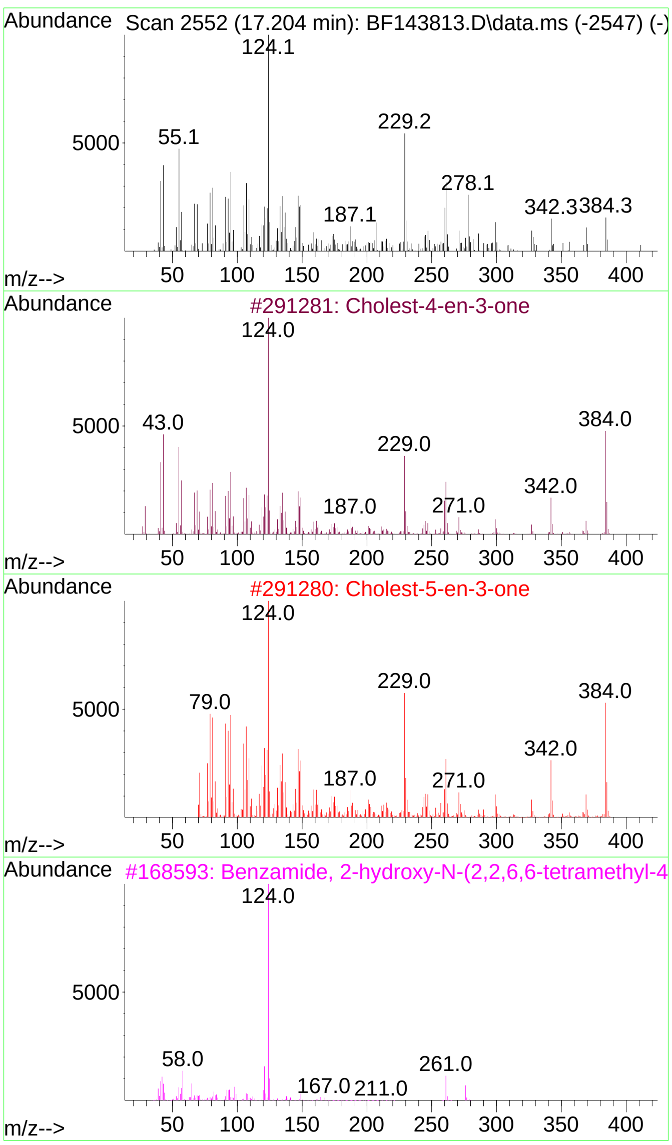
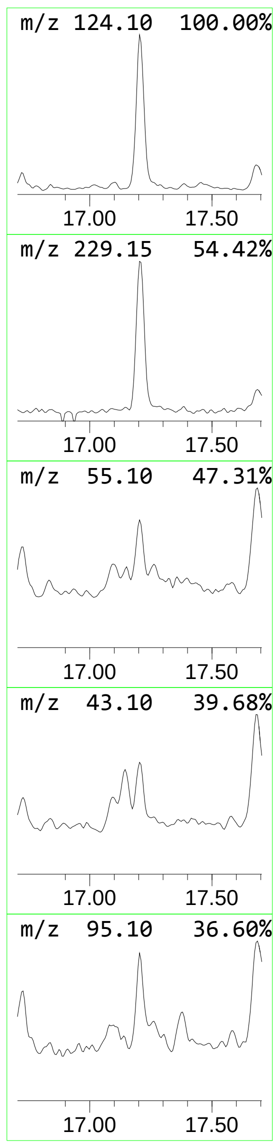
Peak Number 7 Cholest-4-en-3-one Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.204	2.55 ng	174403	Perylene-d12	15.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholest-4-en-3-one	384	C27H44O	000601-57-0	95
2	Cholest-5-en-3-one	384	C27H44O	000601-54-7	74
3	Benzamide, 2-hydroxy-N-(2,2,6,6-...	276	C16H24N2O2	1000337-81-5	38
4	Aspidospermidin-17-ol, 16-methox...	384	C23H32N2O3	005516-66-5	30
5	Isonicotinic acid, dodecyl ester	291	C18H29NO2	1000299-88-7	27





Library Search Compound Report

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Data File : BF143813.D
Acq On    : 25 Sep 2025  19:51
Operator  : RC/JU
Sample    : Q3176-01
Misc      :
ALS Vial  : 12   Sample Multiplier: 1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Instrument : BNA_F
ClientSampleId : EME-TS12-01

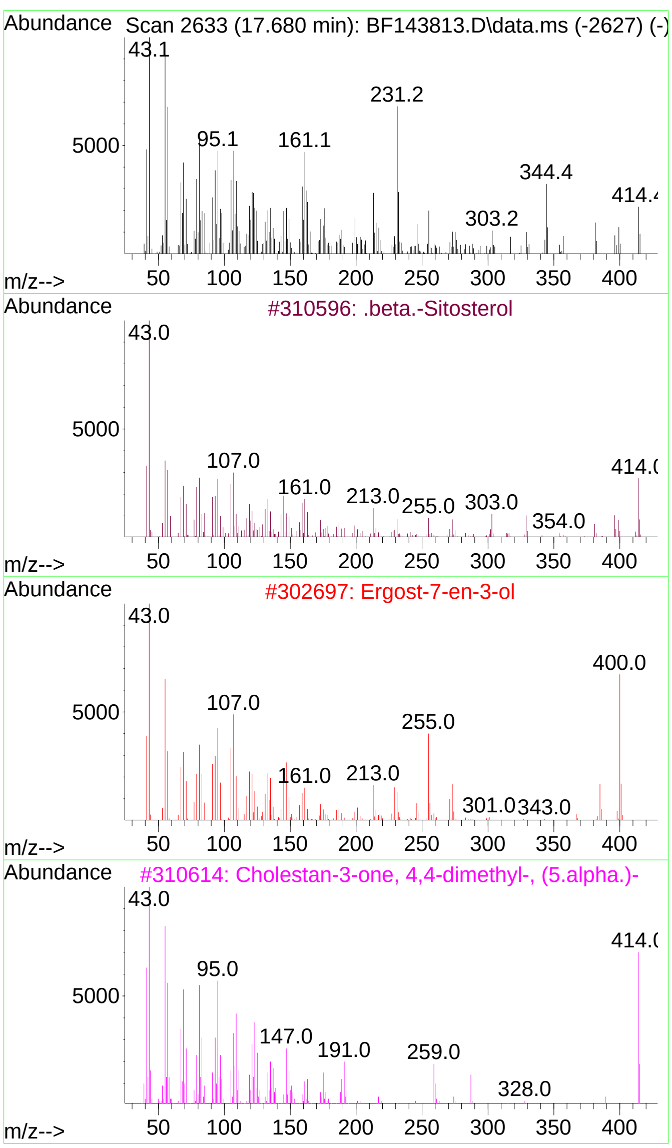
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

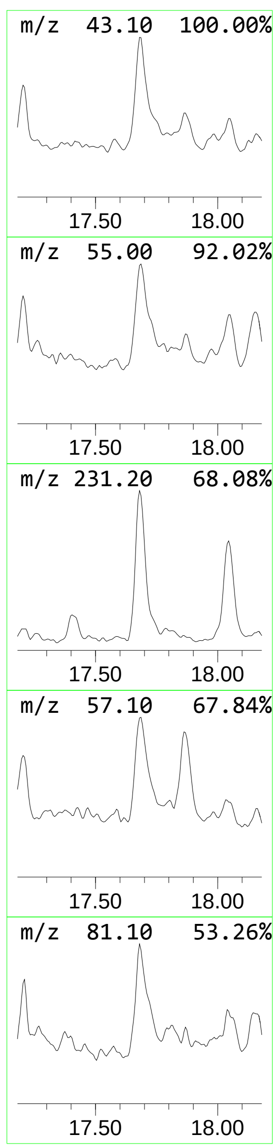
****

Peak Number 8 .beta.-Sitosterol   Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.680	5.98 ng	409064	Perylene-d12	15.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Sitosterol	414	C29H50O	000083-46-5	92
2	Ergost-7-en-3-ol	400	C28H48O	116179-22-7	56
3	Cholestan-3-one, 4,4-dimethyl-, ...	414	C29H50O	002097-85-0	50
4	17-(1,5-Dimethylhexyl)-10,13-dim...	414	C29H50O	1000210-86-9	42
5	.gamma.-Sitosterol	414	C29H50O	000083-47-6	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
Data File : BF143813.D
Acq On : 25 Sep 2025 19:51
Operator : RC/JU
Sample : Q3176-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EME-TS12-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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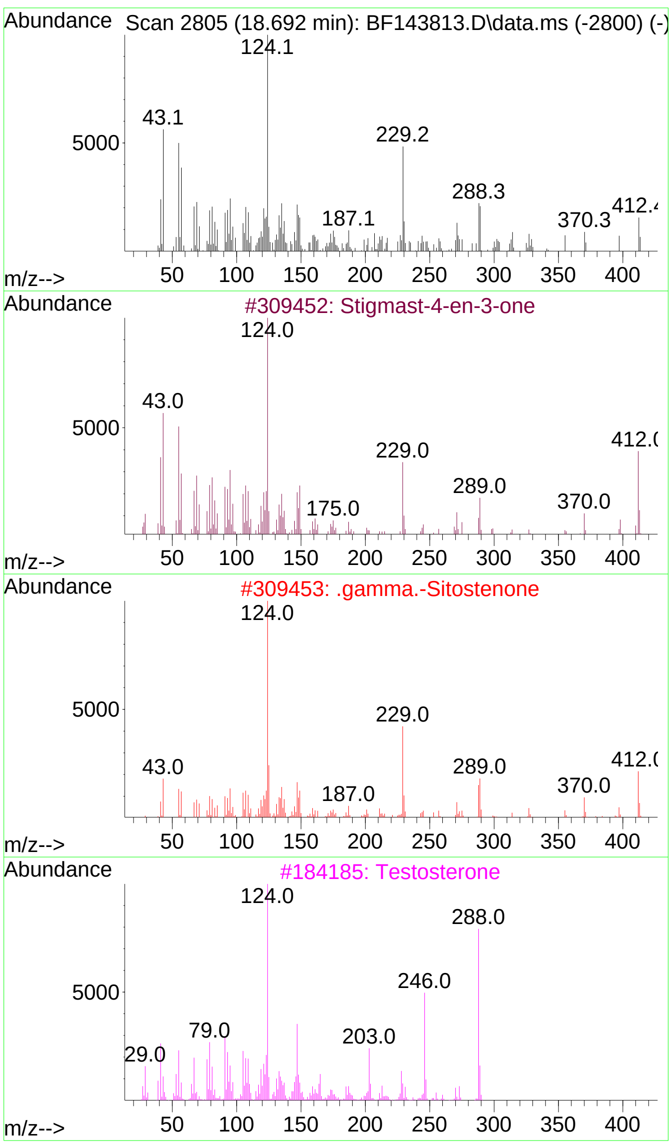
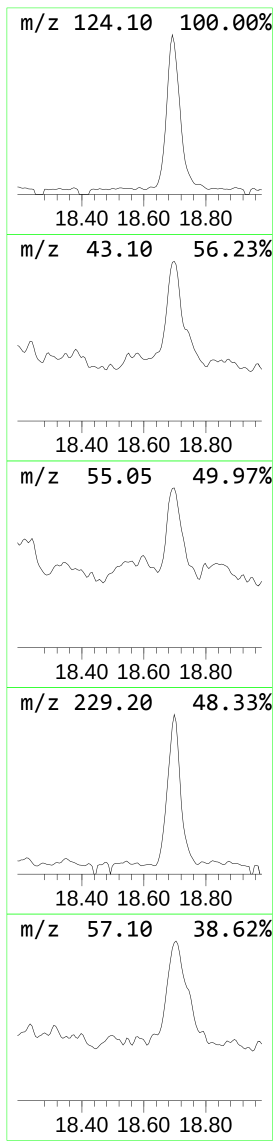
Peak Number 9 Stigmast-4-en-3-one Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.692	3.87 ng	265126	Perylene-d12	15.533

Hit# of 5

Hit#	Tentative ID	MW	MolForm	CAS#	Qual
1	Stigmast-4-en-3-one	412	C29H48O	001058-61-3	94
2	.gamma.-Sitostenone	412	C29H48O	084924-96-9	93
3	Testosterone	288	C19H28O2	000058-22-0	60
4	Testosterone cypionate	412	C27H40O3	000058-20-8	46
5	7.alpha.-Hydroxytestosterone	304	C19H28O3	000062-83-9	38





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Data File : BF143813.D
Acq On : 25 Sep 2025 19:51
Operator : RC/JU
Sample : Q3176-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EME-TS12-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.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
Hexadecane	9.322	2.0	ng	62184	3	9.922	619907	20.0
n-Hexadecanoic ...	11.933	8.9	ng	320170	4	11.410	721914	20.0
9-Octadecenamide	14.816	6.1	ng	418515	6	15.533	1369110	20.0
Nonadecane	15.180	3.8	ng	256727	6	15.533	1369110	20.0
Cholestan-3-ol,...	16.292	7.8	ng	530279	6	15.533	1369110	20.0
Cholestan-2-one	16.462	7.1	ng	486803	6	15.533	1369110	20.0
Cholest-4-en-3-one	17.204	2.5	ng	174403	6	15.533	1369110	20.0
.beta.-Sitosterol	17.680	6.0	ng	409064	6	15.533	1369110	20.0
Stigmast-4-en-3...	18.692	3.9	ng	265126	6	15.533	1369110	20.0

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

Alliance TECHNICAL GROUP

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

Report of Analysis

Client:	Weston Solutions, Inc.			Date Collected:	09/23/25
Project:	RFP 916			Date Received:	09/23/25
Client Sample ID:	EME-TS13-01			SDG No.:	Q3176
Lab Sample ID:	Q3176-02			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	68.4
Sample Wt/Vol:	30.06	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOC-TCL BNA -20
Extraction Type :		Decanted :	N	Level :	LOW
Injection Volume :		GPC Factor :	1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143814.D	1	09/25/25 09:25	09/25/25 20:21	PB169827

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	230	U	230	480	ug/Kg
108-95-2	Phenol	32.2	U	32.2	250	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	35.5	U	35.5	250	ug/Kg
95-57-8	2-Chlorophenol	35.6	U	35.6	250	ug/Kg
95-48-7	2-Methylphenol	43.6	U	43.6	250	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	54.7	U	54.7	250	ug/Kg
98-86-2	Acetophenone	43.0	U	43.0	250	ug/Kg
65794-96-9	3+4-Methylphenols	60.0	U	60.0	480	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	69.2	U	69.2	120	ug/Kg
67-72-1	Hexachloroethane	25.7	U	25.7	250	ug/Kg
98-95-3	Nitrobenzene	26.7	U	26.7	250	ug/Kg
78-59-1	Isophorone	47.9	U	47.9	250	ug/Kg
88-75-5	2-Nitrophenol	84.9	U	84.9	250	ug/Kg
105-67-9	2,4-Dimethylphenol	94.5	U	94.5	250	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	44.9	U	44.9	250	ug/Kg
120-83-2	2,4-Dichlorophenol	41.3	U	41.3	250	ug/Kg
91-20-3	Naphthalene	33.1	U	33.1	250	ug/Kg
106-47-8	4-Chloroaniline	51.7	U	51.7	250	ug/Kg
87-68-3	Hexachlorobutadiene	36.9	U	36.9	250	ug/Kg
105-60-2	Caprolactam	76.0	U	76.0	480	ug/Kg
59-50-7	4-Chloro-3-methylphenol	41.9	U	41.9	250	ug/Kg
91-57-6	2-Methylnaphthalene	37.4	U	37.4	250	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	480	ug/Kg
88-06-2	2,4,6-Trichlorophenol	28.9	U	28.9	250	ug/Kg
95-95-4	2,4,5-Trichlorophenol	42.5	U	42.5	250	ug/Kg
92-52-4	1,1-Biphenyl	31.8	U	31.8	250	ug/Kg
91-58-7	2-Chloronaphthalene	32.8	U	32.8	250	ug/Kg
88-74-4	2-Nitroaniline	70.2	U	70.2	250	ug/Kg
131-11-3	Dimethylphthalate	39.5	U	39.5	250	ug/Kg

Alliance TECHNICAL GROUP

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

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	09/23/25
Project:	RFP 916	Date Received:	09/23/25
Client Sample ID:	EME-TS13-01	SDG No.:	Q3176
Lab Sample ID:	Q3176-02	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	68.4
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143814.D	1	09/25/25 09:25	09/25/25 20:21	PB169827

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	42.2	U	42.2	250	ug/Kg
606-20-2	2,6-Dinitrotoluene	49.0	UQ	49.0	250	ug/Kg
99-09-2	3-Nitroaniline	67.1	U	67.1	250	ug/Kg
83-32-9	Acenaphthene	31.1	U	31.1	250	ug/Kg
51-28-5	2,4-Dinitrophenol	330	U	330	480	ug/Kg
100-02-7	4-Nitrophenol	160	U	160	480	ug/Kg
132-64-9	Dibenzofuran	33.1	U	33.1	250	ug/Kg
121-14-2	2,4-Dinitrotoluene	73.1	U	73.1	250	ug/Kg
84-66-2	Diethylphthalate	41.3	U	41.3	250	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	39.0	U	39.0	250	ug/Kg
86-73-7	Fluorene	36.9	U	36.9	250	ug/Kg
100-01-6	4-Nitroaniline	93.7	U	93.7	250	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	480	ug/Kg
86-30-6	n-Nitrosodiphenylamine	48.0	U	48.0	250	ug/Kg
101-55-3	4-Bromophenyl-phenylether	40.6	U	40.6	250	ug/Kg
118-74-1	Hexachlorobenzene	36.9	U	36.9	250	ug/Kg
1912-24-9	Atrazine	49.6	U	49.6	250	ug/Kg
87-86-5	Pentachlorophenol	74.9	U	74.9	480	ug/Kg
85-01-8	Phenanthrene	30.5	U	30.5	250	ug/Kg
120-12-7	Anthracene	48.6	U	48.6	250	ug/Kg
86-74-8	Carbazole	45.5	U	45.5	250	ug/Kg
84-74-2	Di-n-butylphthalate	69.9	U	69.9	250	ug/Kg
206-44-0	Fluoranthene	43.8	U	43.8	250	ug/Kg
129-00-0	Pyrene	52.5	U	52.5	250	ug/Kg
85-68-7	Butylbenzylphthalate	100	UQ	100	250	ug/Kg
91-94-1	3,3-Dichlorobenzidine	53.5	U	53.5	480	ug/Kg
56-55-3	Benzo(a)anthracene	33.6	U	33.6	250	ug/Kg
218-01-9	Chrysene	29.0	U	29.0	250	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	86.4	U	86.4	250	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	480	ug/Kg
205-99-2	Benzo(b)fluoranthene	27.7	U	27.7	250	ug/Kg

Alliance TECHNICAL GROUP

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

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	09/23/25
Project:	RFP 916	Date Received:	09/23/25
Client Sample ID:	EME-TS13-01	SDG No.:	Q3176
Lab Sample ID:	Q3176-02	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	68.4
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143814.D	1	09/25/25 09:25	09/25/25 20:21	PB169827

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	32.7	U	32.7	250	ug/Kg
50-32-8	Benzo(a)pyrene	43.0	U	43.0	250	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	42.5	U	42.5	250	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	40.0	U	40.0	250	ug/Kg
191-24-2	Benzo(g,h,i)perylene	37.5	U	37.5	250	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	37.4	U	37.4	250	ug/Kg
123-91-1	1,4-Dioxane	66.0	U	66.0	250	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40.0	U	40.0	250	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	44.8		18 - 112	30%	SPK: 150
13127-88-3	Phenol-d6	44.8		15 - 107	30%	SPK: 150
4165-60-0	Nitrobenzene-d5	28.9		18 - 107	29%	SPK: 100
321-60-8	2-Fluorobiphenyl	16.2	*	20 - 109	16%	SPK: 100
118-79-6	2,4,6-Tribromophenol	30.6		10 - 116	20%	SPK: 150
1718-51-0	Terphenyl-d14	17.3		10 - 105	17%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	112000	6.887			
1146-65-2	Naphthalene-d8	373000	8.163			
15067-26-2	Acenaphthene-d10	168000	9.922			
1517-22-2	Phenanthrene-d10	277000	11.41			
1719-03-5	Chrysene-d12	464000	14.051			
1520-96-3	Perylene-d12	574000	15.533			
TENTATIVE IDENTIFIED COMPOUNDS						
000057-10-3	n-Hexadecanoic acid	130	J		11.9	ug/Kg

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

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	09/23/25
Project:	RFP 916	Date Received:	09/23/25
Client Sample ID:	EME-TS13-01	SDG No.:	Q3176
Lab Sample ID:	Q3176-02	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	68.4
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143814.D	1	09/25/25 09:25	09/25/25 20:21	PB169827

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

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
Data File : BF143814.D
Acq On : 25 Sep 2025 20:21
Operator : RC/JU
Sample : Q3176-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EME-TS13-01

Quant Time: Sep 25 23:25:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 05:00:00 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	112198	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	373168	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	167509	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	277433	20.000	ng	0.00
76) Chrysene-d12	14.051	240	463745	20.000	ng	-0.01
86) Perylene-d12	15.533	264	573813	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	309356	44.797	ng	0.00
7) Phenol-d6	6.498	99	357400	44.792	ng	-0.01
23) Nitrobenzene-d5	7.439	82	175900	28.853	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	75892	30.599	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	173662	16.178	ng	0.00
79) Terphenyl-d14	12.998	244	395487	17.344	ng	0.00

Target Compounds Qvalue

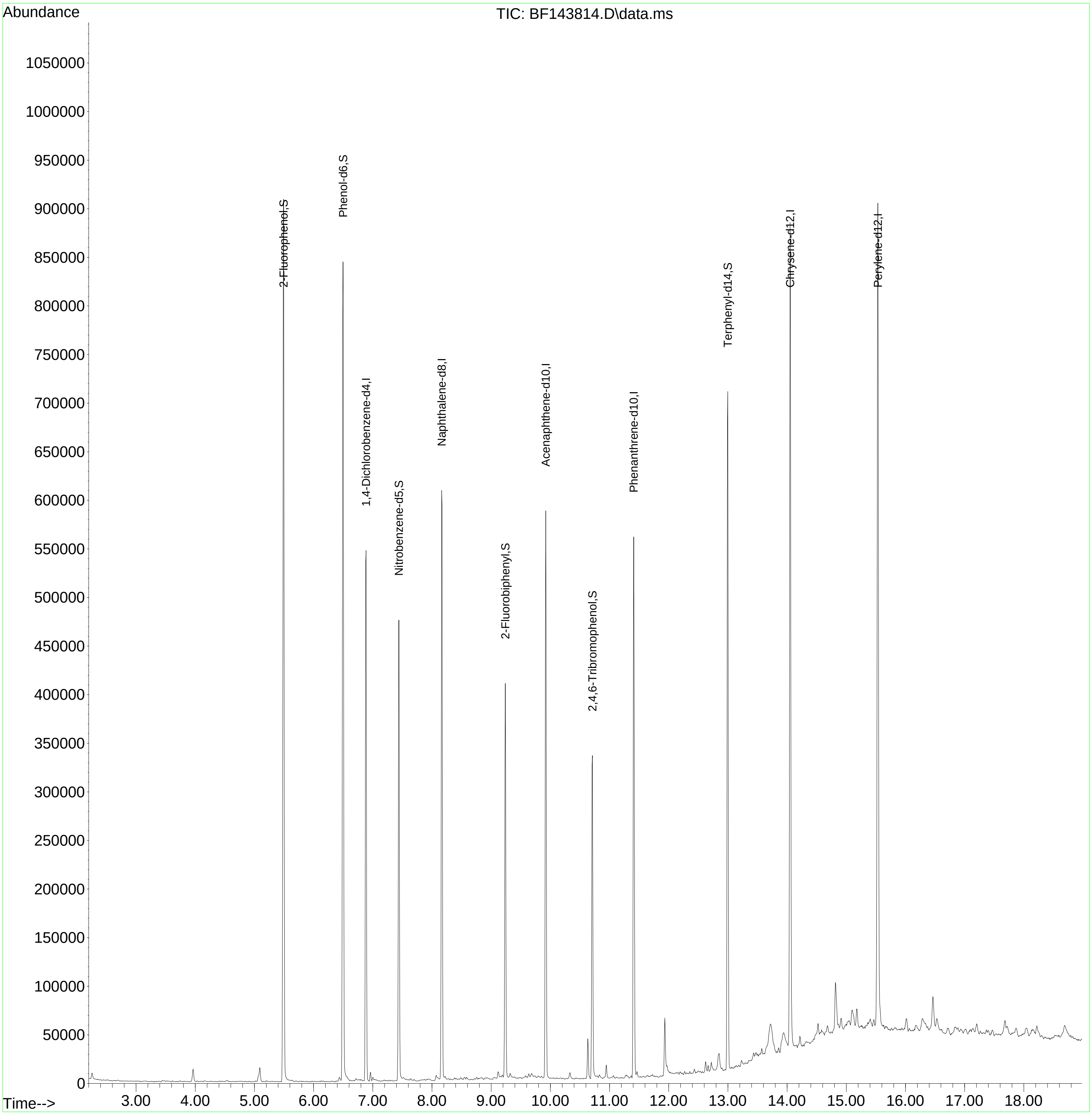
(#) = qualifier out of range (m) = manual integration (+) = signals summed

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
Data File : BF143814.D
Acq On   : 25 Sep 2025 20:21
Operator : RC/JU
Sample   : Q3176-02
Misc   :
ALS Vial : 13   Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EME-TS13-01

Quant Time: Sep 25 23:25:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 05:00:00 2025
Response via : Initial Calibration



Instrument :
BNA_F
ClientSampleId :
EME-TS13-01

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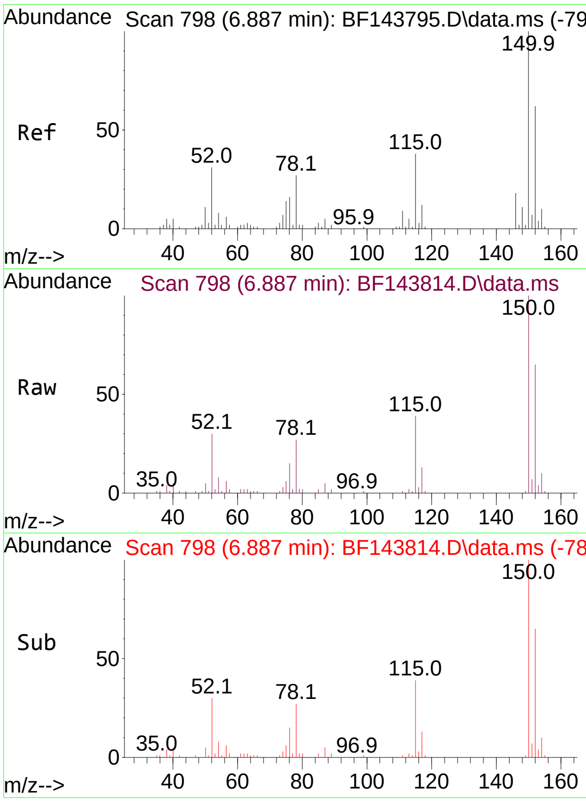
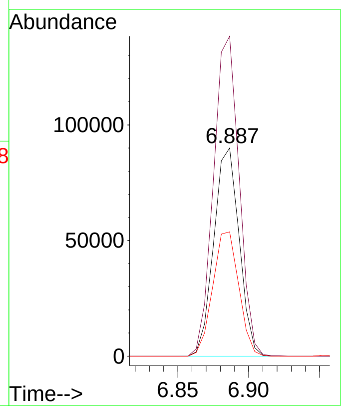
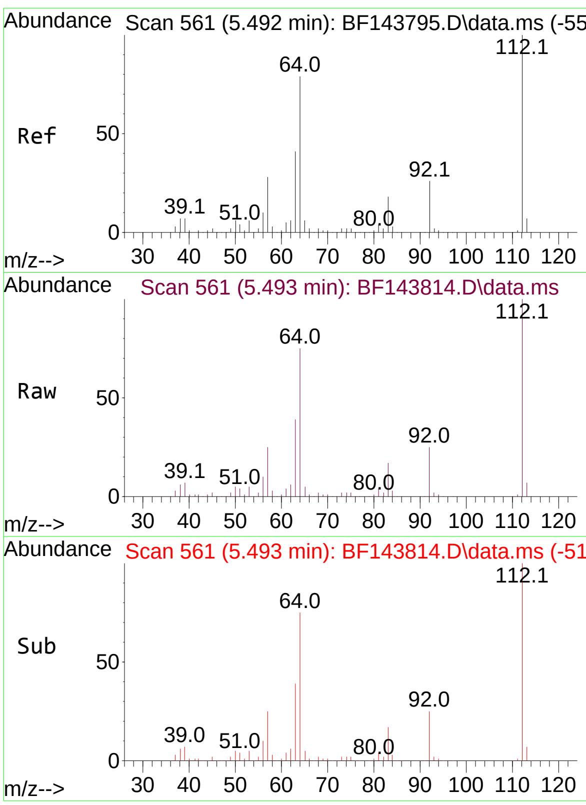


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min   Scan# 7
Delta R.T.   -0.000 min
Lab File: BF143814.D
Acq: 25 Sep 2025   20:21

Tgt Ion:152 Resp: 112198

Ion	Ratio	Lower	Upper
152	100		
150	153.7	129.6	194.4
115	59.7	49.0	73.4

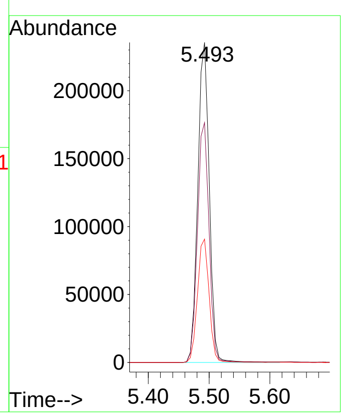




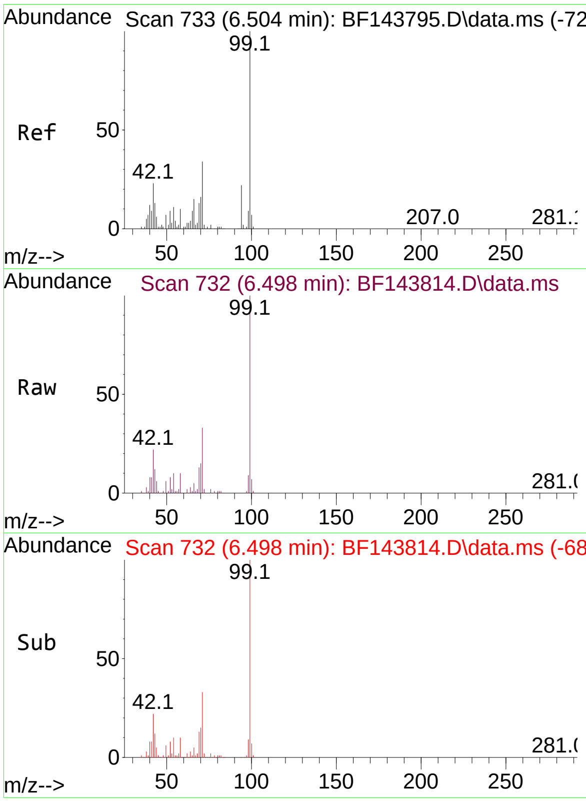
#5
2-Fluorophenol
Concen: 44.797 ng
RT: 5.493 min   Scan# 561
Delta R.T.   -0.005 min
Lab File: BF143814.D
Acq: 25 Sep 2025   20:21

Tgt Ion:112 Resp: 309356

Ion	Ratio	Lower	Upper
112	100		
64	74.9	63.0	94.4
63	38.5	32.6	49.0



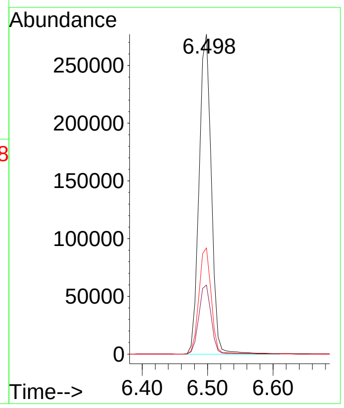
Instrument :
BNA_F
ClientSampleId :
EME-TS13-01

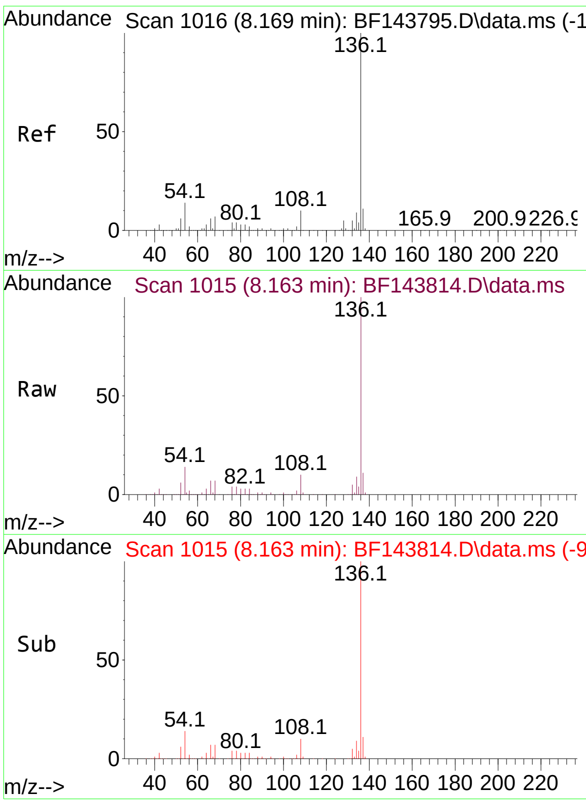


#7
Phenol-d6
Concen: 44.792 ng
RT: 6.498 min Scan# 73
Delta R.T. -0.012 min
Lab File: BF143814.D
Acq: 25 Sep 2025 20:21

Tgt Ion: 99 Resp: 357400

Ion	Ratio	Lower	Upper
99	100		
42	21.6	18.6	28.0
71	33.2	27.0	40.4

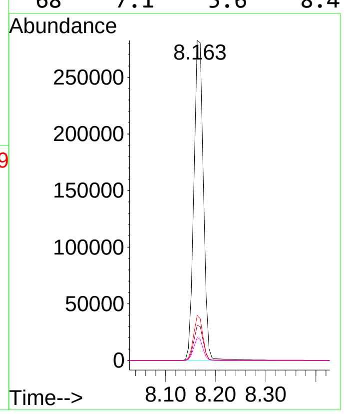




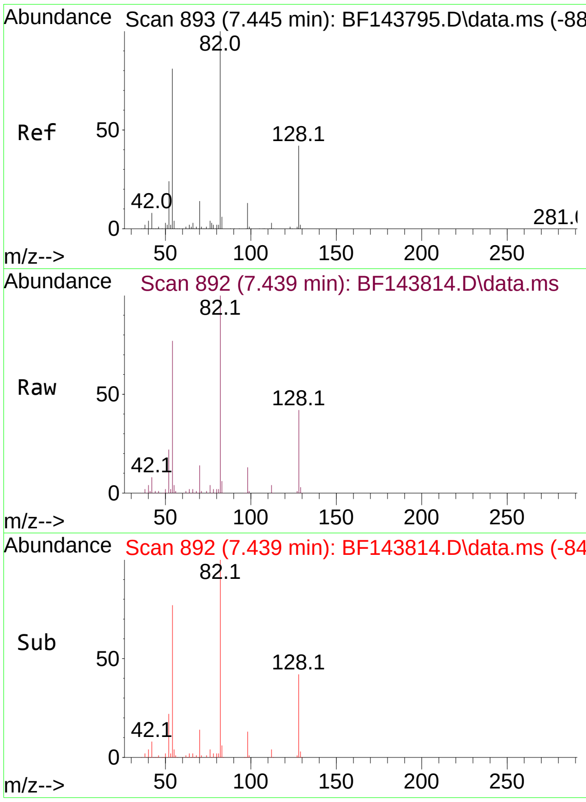
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF143814.D
Acq: 25 Sep 2025 20:21

Tgt Ion:136 Resp: 373168

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	14.0	11.2	16.8
68	7.1	5.6	8.4



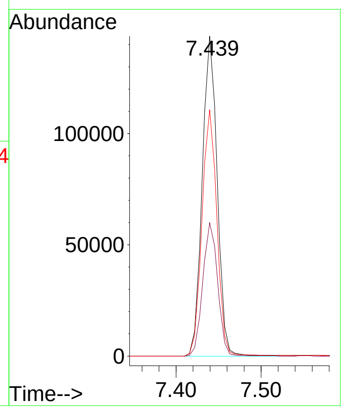
Instrument : BNA_F
ClientSampleId : EME-TS13-01

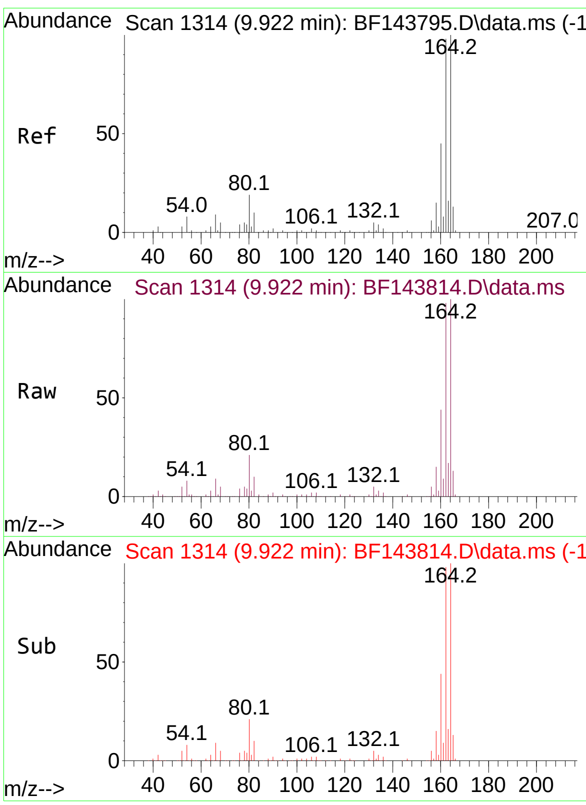


#23
Nitrobenzene-d5
Concen: 28.853 ng
RT: 7.439 min   Scan# 89
Delta R.T.   -0.012 min
Lab File: BF143814.D
Acq: 25 Sep 2025   20:21

Tgt Ion: 82 Resp: 175900

Ion	Ratio	Lower	Upper
82	100		
128	41.6	33.3	49.9
54	77.0	64.2	96.4

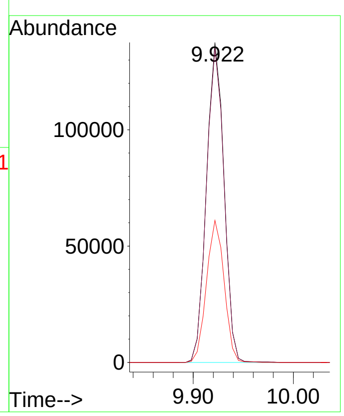




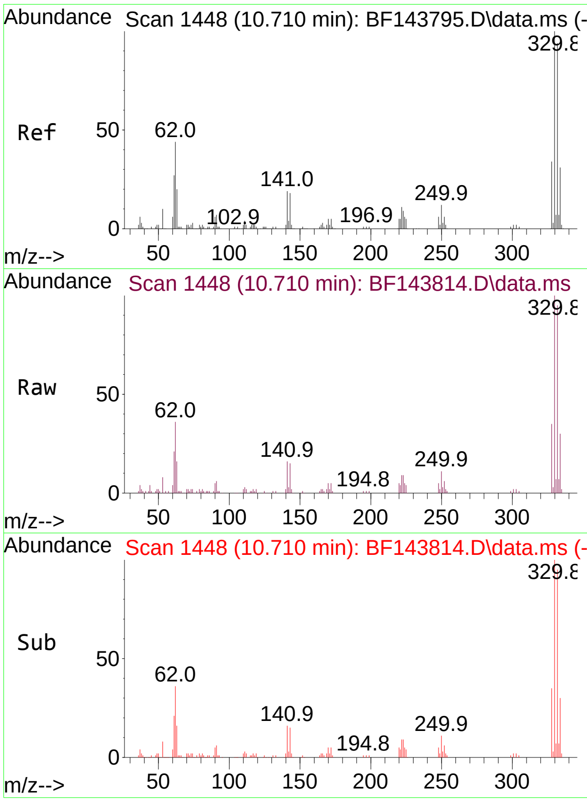
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min   Scan# 1314
Delta R.T.   -0.006 min
Lab File: BF143814.D
Acq: 25 Sep 2025   20:21

Tgt Ion:164 Resp: 167509

Ion	Ratio	Lower	Upper
164	100		
162	98.1	78.8	118.2
160	44.4	35.8	53.6



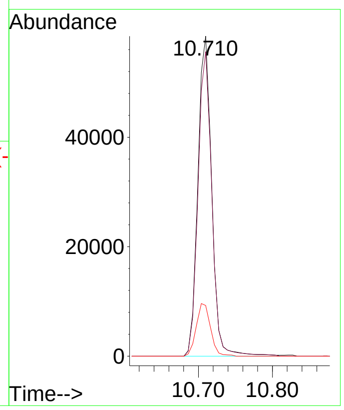
Instrument :
BNA_F
ClientSampleId :
EME-TS13-01

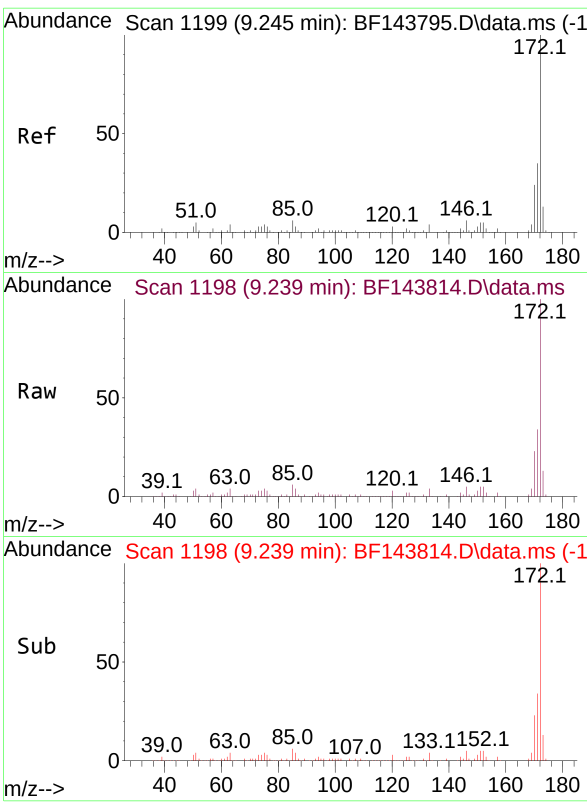


#42
2,4,6-Tribromophenol
Concen: 30.599 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143814.D
Acq: 25 Sep 2025 20:21

Tgt Ion:330 Resp: 75892

Ion	Ratio	Lower	Upper
330	100		
332	95.0	74.7	112.1
141	17.0	14.3	21.5

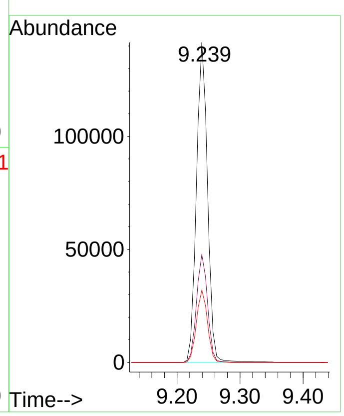




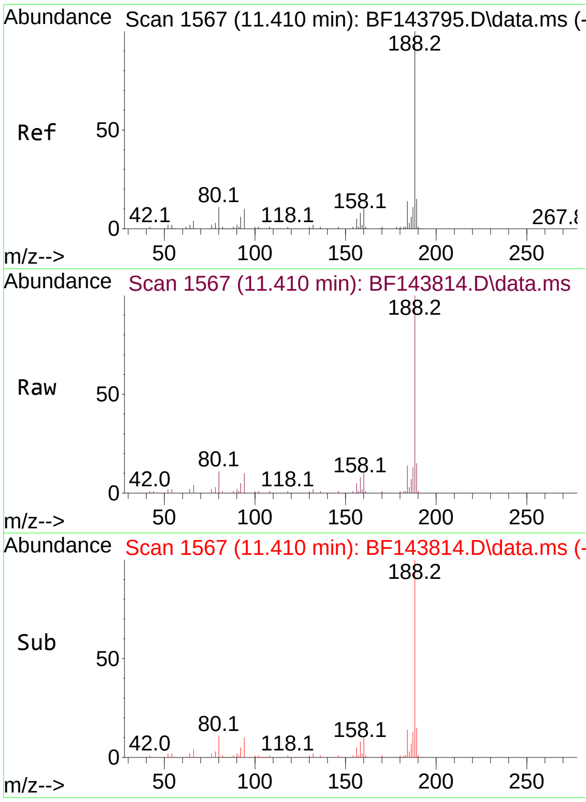
#45
2-Fluorobiphenyl
Concen: 16.178 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF143814.D
Acq: 25 Sep 2025 20:21

Tgt Ion:172 Resp: 173662

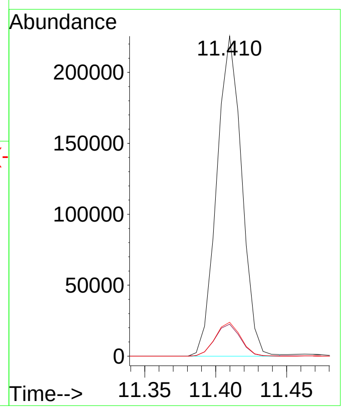
Ion	Ratio	Lower	Upper
172	100		
171	33.7	27.9	41.9
170	22.6	19.1	28.7

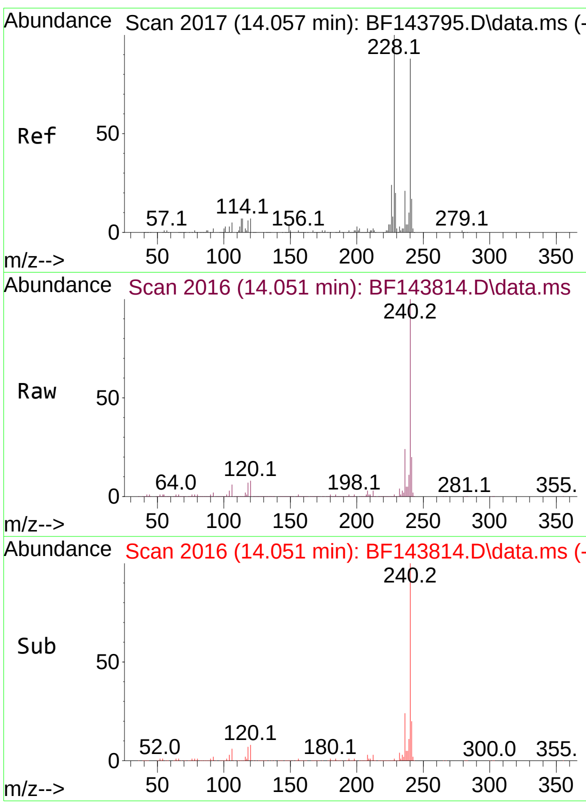


Instrument : BNA_F
ClientSampleId : EME-TS13-01

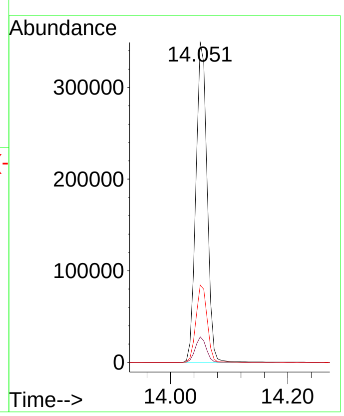



```
#64
Phenanthrene-d10
Concen:   20.000 ng
RT:  11.410 min  Scan# 15
Delta R.T.  -0.006 min
Lab File:   BF143814.D
Acq: 25 Sep 2025  20:21

Tgt Ion:188 Resp:  277433
Ion  Ratio  Lower  Upper
188  100
 94   10.0    8.2   12.2
 80   10.6    8.6   12.8
```



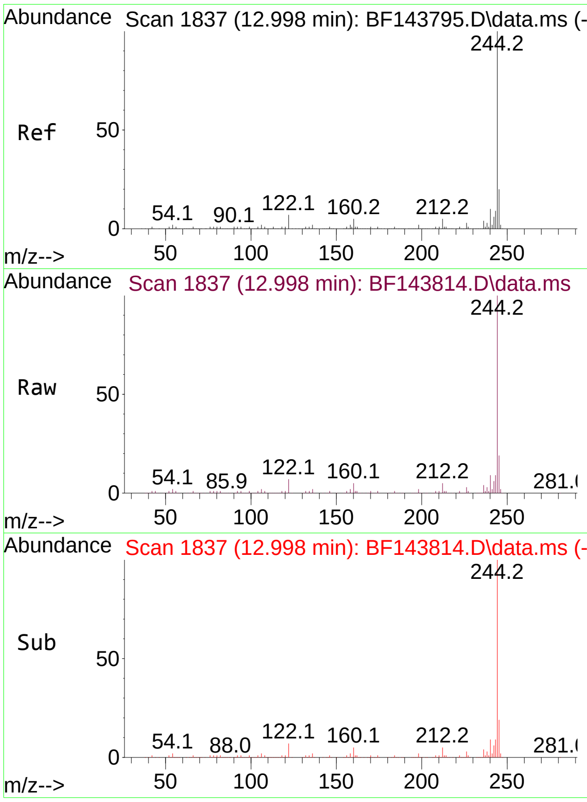



```
#76
Chrysene-d12
Concen:   20.000 ng
RT:  14.051 min  Scan# 2016
Delta R.T.  -0.012 min
Lab File:   BF143814.D
Acq: 25 Sep 2025  20:21

Tgt Ion:240 Resp:  463745
Ion  Ratio  Lower  Upper
240  100
120    8.0    6.2    9.4
236   24.2   19.4   29.2
```



Instrument : BNA_F
ClientSampleId : EME-TS13-01

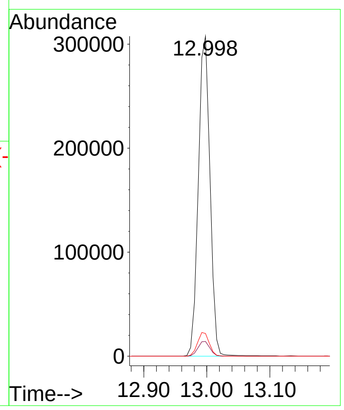
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

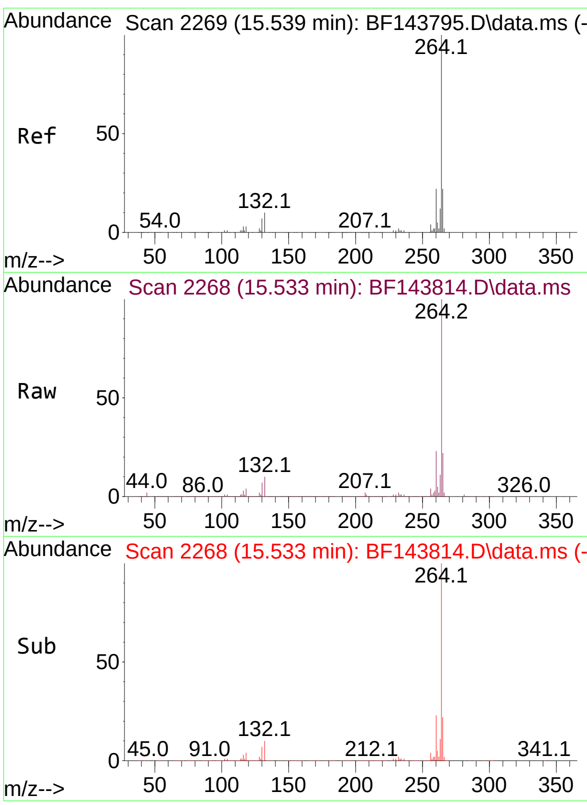


#79
Terphenyl-d14
Concen: 17.344 ng
RT: 12.998 min Scan# 18
Delta R.T. -0.006 min
Lab File: BF143814.D
Acq: 25 Sep 2025 20:21

Tgt Ion:244 Resp: 395487

Ion	Ratio	Lower	Upper
244	100		
212	4.6	3.9	5.9
122	7.1	5.6	8.4

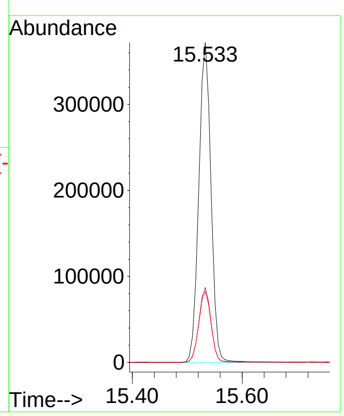




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF143814.D
Acq: 25 Sep 2025 20:21

Tgt Ion:264 Resp: 573813

Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.9	26.9
265	22.2	17.7	26.5



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
Data File : BF143814.D
Acq On : 25 Sep 2025 20:21
Operator : RC/JU
Sample : Q3176-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EME-TS13-01

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-BF092325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143814.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.963	295	301	309	rVB	12745	20594	1.56%	0.194%
2	5.093	484	493	499	rVB2	14277	27941	2.11%	0.263%
3	5.493	555	561	575	rBV	907946	1201937	90.97%	11.316%
4	6.498	726	732	751	rVB	842557	1095726	82.93%	10.316%
5	6.887	792	798	803	rBV	545496	695069	52.61%	6.544%
6	7.439	887	892	901	rBV	473872	582504	44.09%	5.484%
7	8.163	1010	1015	1021	rBV	605572	782661	59.24%	7.369%
8	9.239	1192	1198	1208	rVB	405346	500502	37.88%	4.712%
9	9.922	1309	1314	1319	rBV	582608	710880	53.80%	6.693%
10	10.633	1430	1435	1442	rVB	41103	52823	4.00%	0.497%
11	10.710	1442	1448	1459	rBV	332545	445887	33.75%	4.198%
12	10.945	1484	1488	1495	rVB	13028	16704	1.26%	0.157%
13	11.410	1562	1567	1573	rBV	556541	690361	52.25%	6.500%
14	11.933	1651	1656	1661	rBV	59714	90401	6.84%	0.851%
15	12.621	1769	1773	1778	rBV	10787	15775	1.19%	0.149%
16	12.851	1806	1812	1819	rVB2	15674	33349	2.52%	0.314%
17	12.998	1831	1837	1845	rBV	698237	903868	68.41%	8.510%
18	13.233	1873	1877	1883	rBV5	6173	13407	1.01%	0.126%
19	13.939	1988	1997	2010	rBV5	17983	85809	6.49%	0.808%
20	14.051	2011	2016	2027	rVB	847723	1156405	87.52%	10.887%
21	14.815	2142	2146	2153	rBV3	47268	92777	7.02%	0.873%
22	15.180	2205	2208	2215	rVB2	19171	28625	2.17%	0.269%
23	15.533	2262	2268	2280	rVB	846444	1321250	100.00%	12.439%
24	16.462	2422	2426	2434	rVB8	30111	56270	4.26%	0.530%

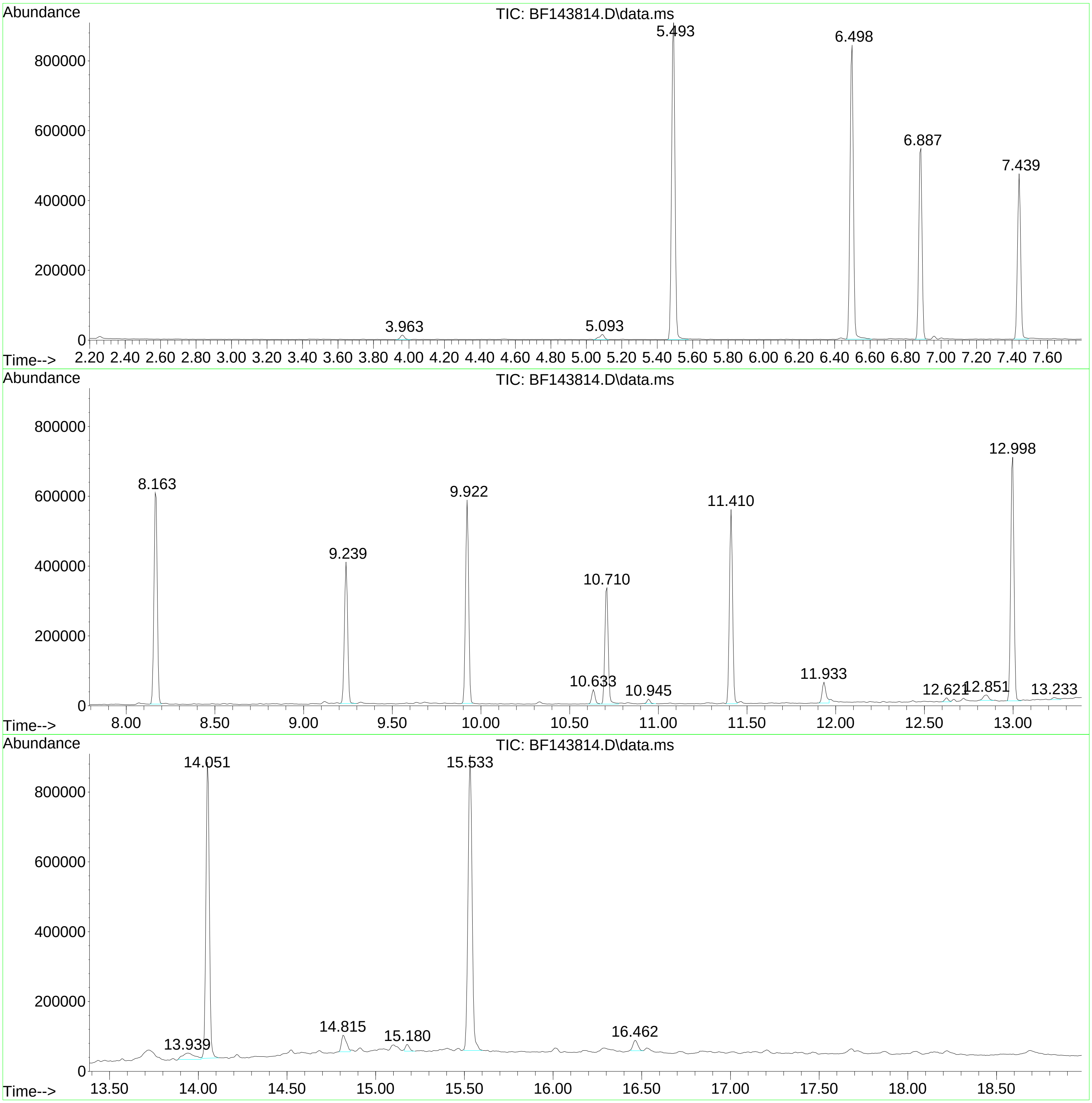
Sum of corrected areas: 10621525

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
Data File : BF143814.D
Acq On : 25 Sep 2025 20:21
Operator : RC/JU
Sample : Q3176-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Instrument :
BNA_F
ClientSampleId :
EME-TS13-01



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Data File : BF143814.D
Acq On    : 25 Sep 2025  20:21
Operator  : RC/JU
Sample    : Q3176-02
Misc      :
ALS Vial  : 13   Sample Multiplier: 1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

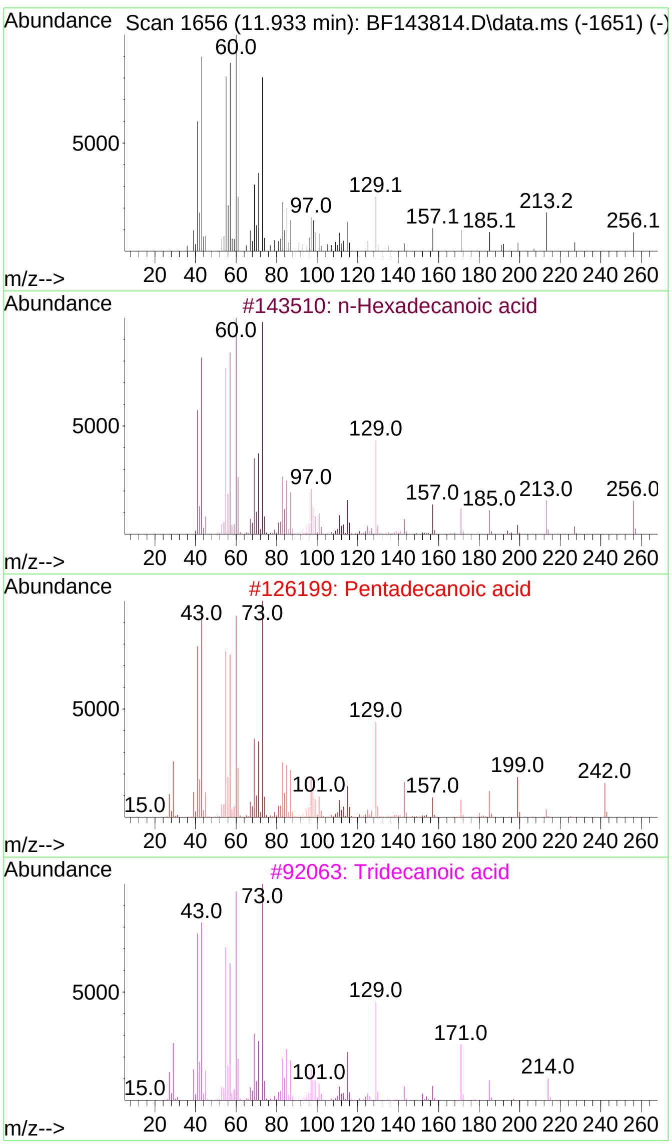
Instrument : BNA_F
ClientSampleId : EME-TS13-01

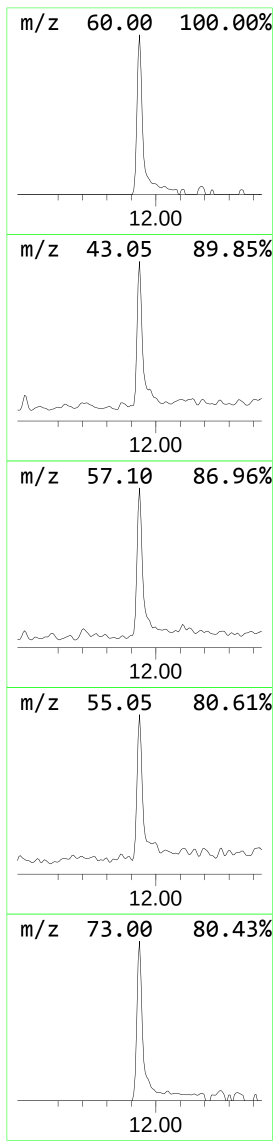
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

```
*********************************************************************
Peak Number  1  n-Hexadecanoic acid            Concentration Rank  1

  R.T.     EstConc          Area       Relative to ISTD         R.T.
---------------------------------------------------------------------
 11.933    2.62 ng          90401    Phenanthrene-d10           11.410

 Hit# of  5    Tentative ID             MW  MolForm       CAS#       Qual
---------------------------------------------------------------------
 1 n-Hexadecanoic acid                 256 C16H32O2       000057-10-3 97
 2 Pentadecanoic acid                  242 C15H30O2       001002-84-2 80
 3 Tridecanoic acid                    214 C13H26O2       000638-53-9 72
 4 Tetradecanoic acid                  228 C14H28O2       000544-63-8 64
 5 Dodecanoic acid                     200 C12H24O2       000143-07-7 59
```





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
Data File : BF143814.D
Acq On : 25 Sep 2025 20:21
Operator : RC/JU
Sample : Q3176-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EME-TS13-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.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
n-Hexadecanoic ...	11.933	2.6	ng	90401	4	11.410	690361	20.0

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Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	09/23/25
Project:	RFP 916	Date Received:	09/23/25
Client Sample ID:	EME-TS14-02	SDG No.:	Q3176
Lab Sample ID:	Q3176-03	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	70
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143815.D	1	09/25/25 09:25	09/25/25 20:51	PB169827

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	220	U	220	470	ug/Kg
108-95-2	Phenol	31.5	U	31.5	240	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	34.7	U	34.7	240	ug/Kg
95-57-8	2-Chlorophenol	34.8	U	34.8	240	ug/Kg
95-48-7	2-Methylphenol	42.7	U	42.7	240	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	53.5	U	53.5	240	ug/Kg
98-86-2	Acetophenone	42.1	U	42.1	240	ug/Kg
65794-96-9	3+4-Methylphenols	58.6	U	58.6	470	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	67.6	U	67.6	110	ug/Kg
67-72-1	Hexachloroethane	25.1	U	25.1	240	ug/Kg
98-95-3	Nitrobenzene	26.1	U	26.1	240	ug/Kg
78-59-1	Isophorone	46.8	U	46.8	240	ug/Kg
88-75-5	2-Nitrophenol	83.0	U	83.0	240	ug/Kg
105-67-9	2,4-Dimethylphenol	92.4	U	92.4	240	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	43.9	U	43.9	240	ug/Kg
120-83-2	2,4-Dichlorophenol	40.4	U	40.4	240	ug/Kg
91-20-3	Naphthalene	32.4	U	32.4	240	ug/Kg
106-47-8	4-Chloroaniline	50.5	U	50.5	240	ug/Kg
87-68-3	Hexachlorobutadiene	36.1	U	36.1	240	ug/Kg
105-60-2	Caprolactam	74.3	U	74.3	470	ug/Kg
59-50-7	4-Chloro-3-methylphenol	40.9	U	40.9	240	ug/Kg
91-57-6	2-Methylnaphthalene	36.5	U	36.5	240	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	470	ug/Kg
88-06-2	2,4,6-Trichlorophenol	28.2	U	28.2	240	ug/Kg
95-95-4	2,4,5-Trichlorophenol	41.5	U	41.5	240	ug/Kg
92-52-4	1,1-Biphenyl	31.1	U	31.1	240	ug/Kg
91-58-7	2-Chloronaphthalene	32.1	U	32.1	240	ug/Kg
88-74-4	2-Nitroaniline	68.6	U	68.6	240	ug/Kg
131-11-3	Dimethylphthalate	38.7	U	38.7	240	ug/Kg

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Report of Analysis

Client:	Weston Solutions, Inc.			Date Collected:	09/23/25
Project:	RFP 916			Date Received:	09/23/25
Client Sample ID:	EME-TS14-02			SDG No.:	Q3176
Lab Sample ID:	Q3176-03			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	70
Sample Wt/Vol:	30.04	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOC-TCL BNA -20
Extraction Type :		Decanted :	N	Level :	LOW
Injection Volume :		GPC Factor :	1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143815.D	1	09/25/25 09:25	09/25/25 20:51	PB169827

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	41.2	U	41.2	240	ug/Kg
606-20-2	2,6-Dinitrotoluene	47.9	UQ	47.9	240	ug/Kg
99-09-2	3-Nitroaniline	65.6	U	65.6	240	ug/Kg
83-32-9	Acenaphthene	30.4	U	30.4	240	ug/Kg
51-28-5	2,4-Dinitrophenol	330	U	330	470	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	470	ug/Kg
132-64-9	Dibenzofuran	32.4	U	32.4	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	71.5	U	71.5	240	ug/Kg
84-66-2	Diethylphthalate	40.4	U	40.4	240	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	38.1	U	38.1	240	ug/Kg
86-73-7	Fluorene	36.1	U	36.1	240	ug/Kg
100-01-6	4-Nitroaniline	91.6	U	91.6	240	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	470	ug/Kg
86-30-6	n-Nitrosodiphenylamine	46.9	U	46.9	240	ug/Kg
101-55-3	4-Bromophenyl-phenylether	39.7	U	39.7	240	ug/Kg
118-74-1	Hexachlorobenzene	36.1	U	36.1	240	ug/Kg
1912-24-9	Atrazine	48.5	U	48.5	240	ug/Kg
87-86-5	Pentachlorophenol	73.2	U	73.2	470	ug/Kg
85-01-8	Phenanthrene	29.8	U	29.8	240	ug/Kg
120-12-7	Anthracene	47.5	U	47.5	240	ug/Kg
86-74-8	Carbazole	44.5	U	44.5	240	ug/Kg
84-74-2	Di-n-butylphthalate	68.3	U	68.3	240	ug/Kg
206-44-0	Fluoranthene	42.8	U	42.8	240	ug/Kg
129-00-0	Pyrene	51.4	U	51.4	240	ug/Kg
85-68-7	Butylbenzylphthalate	100	UQ	100	240	ug/Kg
91-94-1	3,3-Dichlorobenzidine	52.4	U	52.4	470	ug/Kg
56-55-3	Benzo(a)anthracene	32.8	U	32.8	240	ug/Kg
218-01-9	Chrysene	28.4	U	28.4	240	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	84.5	U	84.5	240	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	470	ug/Kg
205-99-2	Benzo(b)fluoranthene	27.1	U	27.1	240	ug/Kg

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Report of Analysis

Client:	Weston Solutions, Inc.			Date Collected:	09/23/25
Project:	RFP 916			Date Received:	09/23/25
Client Sample ID:	EME-TS14-02			SDG No.:	Q3176
Lab Sample ID:	Q3176-03			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	70
Sample Wt/Vol:	30.04	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOC-TCL BNA -20
Extraction Type :		Decanted :	N	Level :	LOW
Injection Volume :		GPC Factor :	1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143815.D	1	09/25/25 09:25	09/25/25 20:51	PB169827

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	32.0	U	32.0	240	ug/Kg
50-32-8	Benzo(a)pyrene	42.1	U	42.1	240	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	41.5	U	41.5	240	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	39.1	U	39.1	240	ug/Kg
191-24-2	Benzo(g,h,i)perylene	36.7	U	36.7	240	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	36.5	U	36.5	240	ug/Kg
123-91-1	1,4-Dioxane	64.5	U	64.5	240	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	39.1	U	39.1	240	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	57.1		18 - 112	38%	SPK: 150
13127-88-3	Phenol-d6	60.5		15 - 107	40%	SPK: 150
4165-60-0	Nitrobenzene-d5	37.7		18 - 107	38%	SPK: 100
321-60-8	2-Fluorobiphenyl	23.1		20 - 109	23%	SPK: 100
118-79-6	2,4,6-Tribromophenol	35.9		10 - 116	24%	SPK: 150
1718-51-0	Terphenyl-d14	24.6		10 - 105	25%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	126000	6.887			
1146-65-2	Naphthalene-d8	460000	8.163			
15067-26-2	Acenaphthene-d10	228000	9.922			
1517-22-2	Phenanthrene-d10	336000	11.41			
1719-03-5	Chrysene-d12	411000	14.051			
1520-96-3	Perylene-d12	527000	15.533			
TENTATIVE IDENTIFIED COMPOUNDS						
000057-10-3	n-Hexadecanoic acid	230	J		11.9	ug/Kg

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Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	09/23/25
Project:	RFP 916	Date Received:	09/23/25
Client Sample ID:	EME-TS14-02	SDG No.:	Q3176
Lab Sample ID:	Q3176-03	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	70
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143815.D	1	09/25/25 09:25	09/25/25 20:51	PB169827

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

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
Data File : BF143815.D
Acq On : 25 Sep 2025 20:51
Operator : RC/JU
Sample : Q3176-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EME-TS14-02

Quant Time: Sep 25 23:25:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 05:00:00 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	125804	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	460076	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	227974	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	336407	20.000	ng	0.00
76) Chrysene-d12	14.051	240	411393	20.000	ng	-0.01
86) Perylene-d12	15.533	264	527124	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	441845	57.062	ng	0.00
7) Phenol-d6	6.498	99	541042	60.473	ng	-0.01
23) Nitrobenzene-d5	7.440	82	283542	37.724	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	121210	35.909	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	337248	23.085	ng	0.00
79) Terphenyl-d14	12.998	244	497260	24.582	ng	0.00

Target Compounds	Qvalue

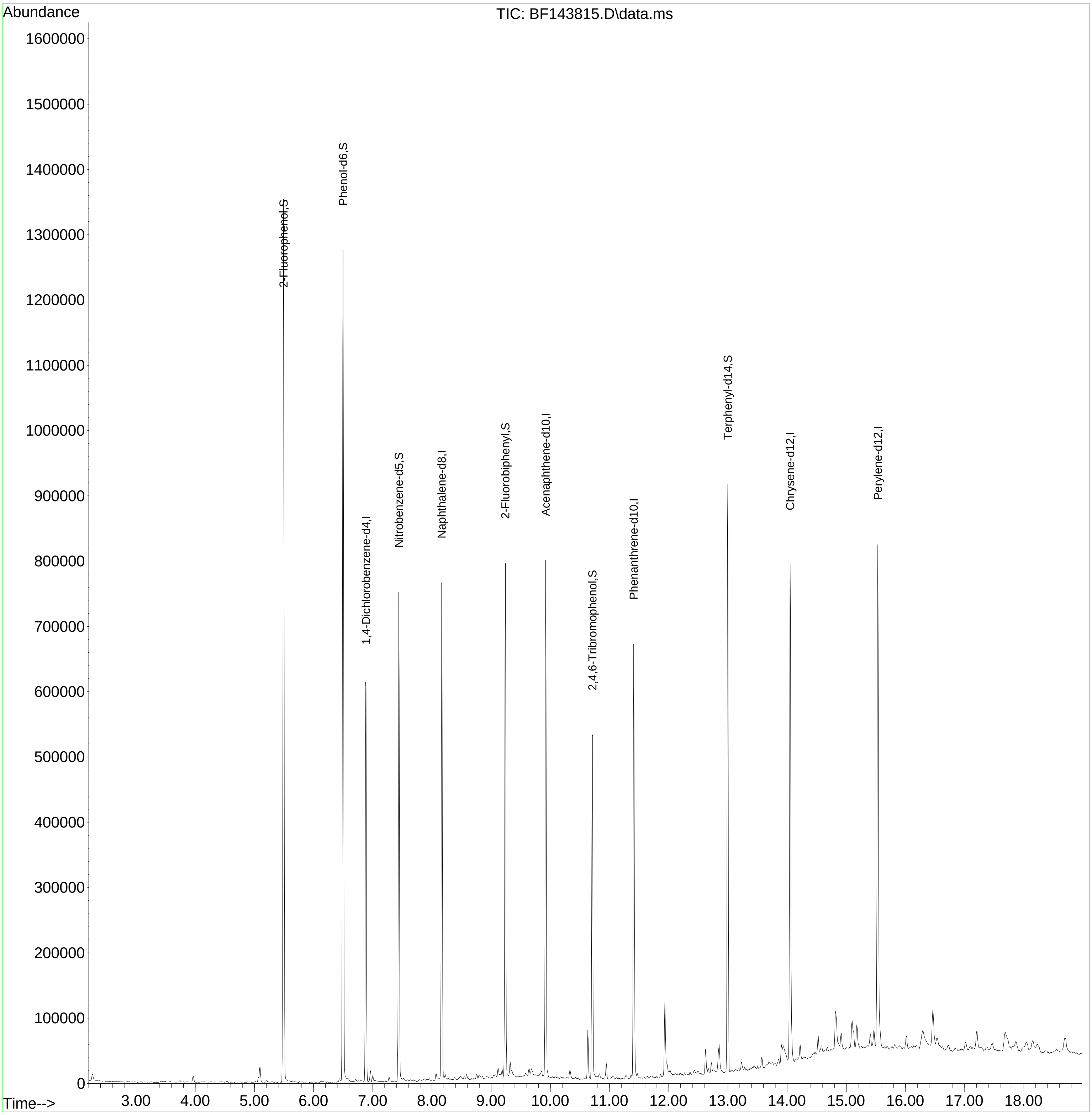
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sample Results: **BF143815.D**

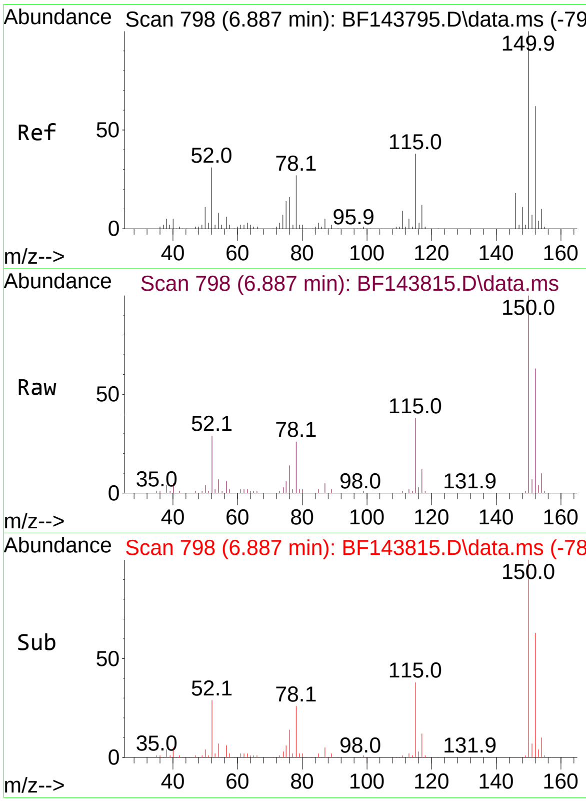
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
Data File : BF143815.D
Acq On : 25 Sep 2025 20:51
Operator : RC/JU
Sample : Q3176-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EME-TS14-02

Quant Time: Sep 25 23:25:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 05:00:00 2025
Response via : Initial Calibration



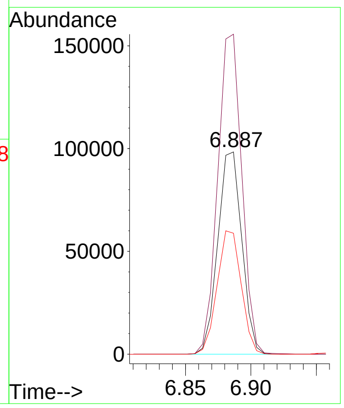
Instrument :
BNA_F
ClientSampleId :
EME-TS14-02

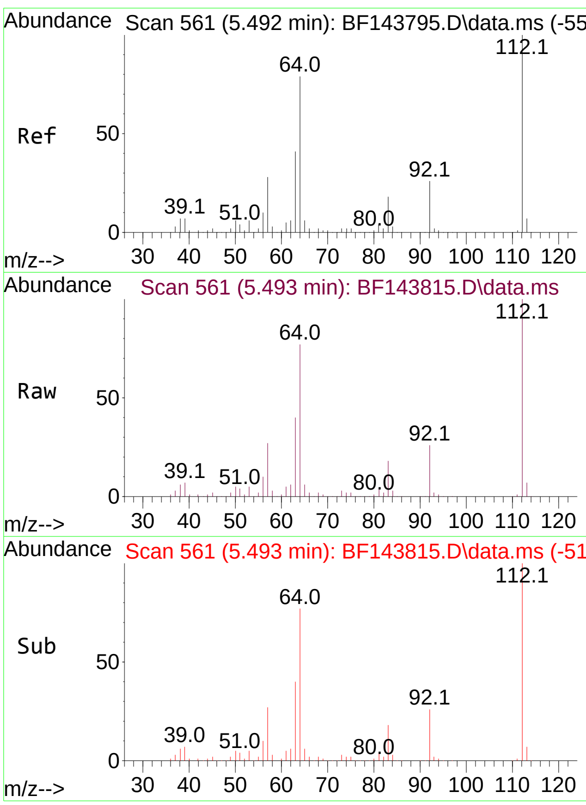


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF143815.D
Acq: 25 Sep 2025 20:51

Tgt Ion:152 Resp: 125804

Ion	Ratio	Lower	Upper
152	100		
150	158.3	129.6	194.4
115	59.8	49.0	73.4

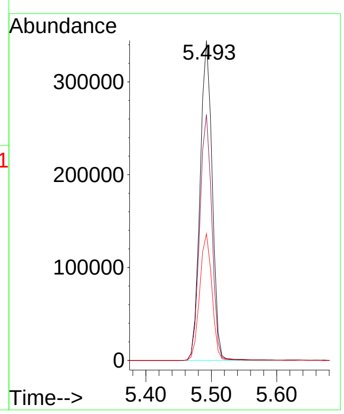




#5
2-Fluorophenol
Concen: 57.062 ng
RT: 5.493 min Scan# 561
Delta R.T. -0.005 min
Lab File: BF143815.D
Acq: 25 Sep 2025 20:51

Tgt Ion:112 Resp: 441845

Ion	Ratio	Lower	Upper
112	100		
64	76.9	63.0	94.4
63	39.6	32.6	49.0



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Instrument :
BNA_F
ClientSampleId :
EME-TS14-02

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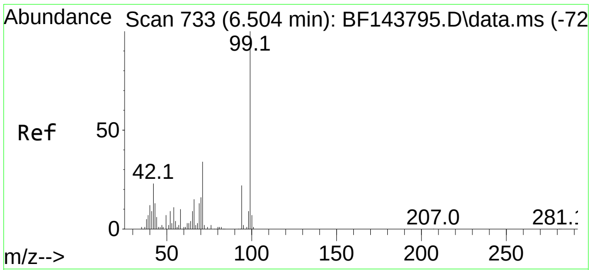
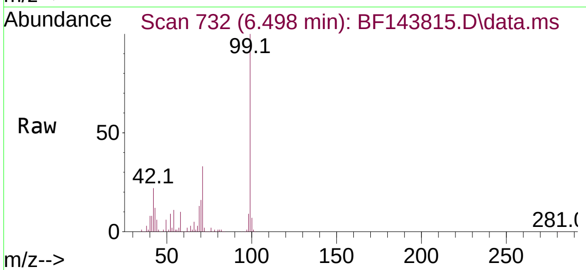
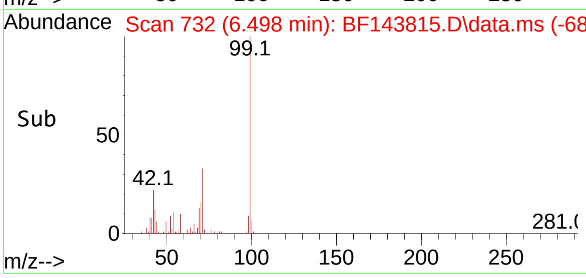


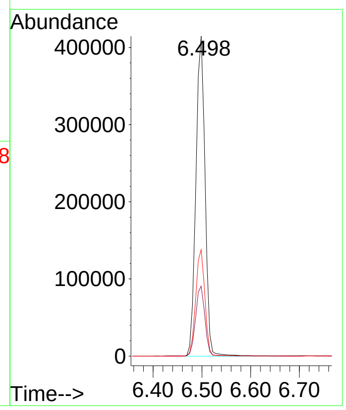


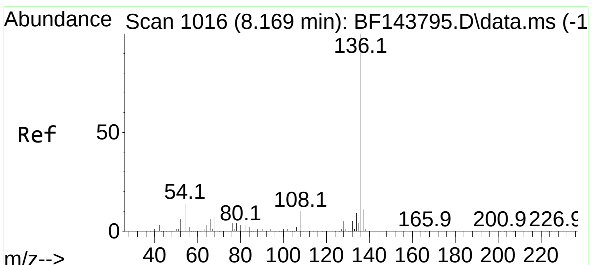


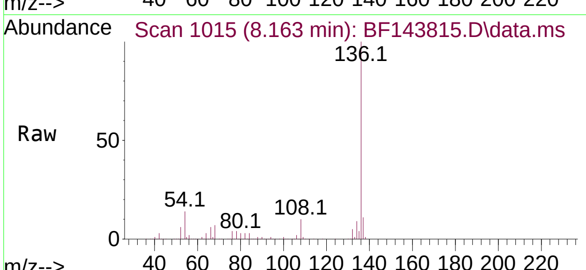
#7
Phenol-d6
Concen: 60.473 ng
RT: 6.498 min   Scan# 7
Delta R.T.   -0.012 min
Lab File: BF143815.D
Acq: 25 Sep 2025   20:51

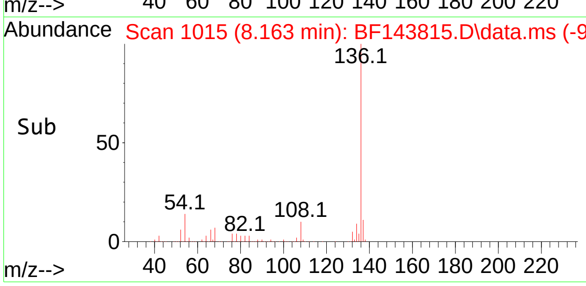
Tgt Ion: 99 Resp: 541042

Ion	Ratio	Lower	Upper
99	100		
42	21.9	18.6	28.0
71	33.3	27.0	40.4





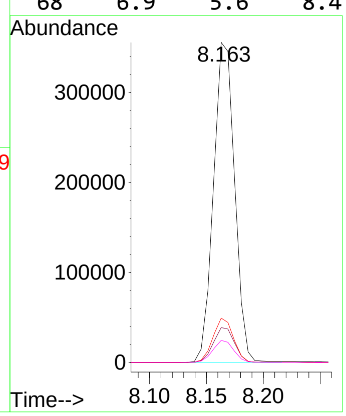




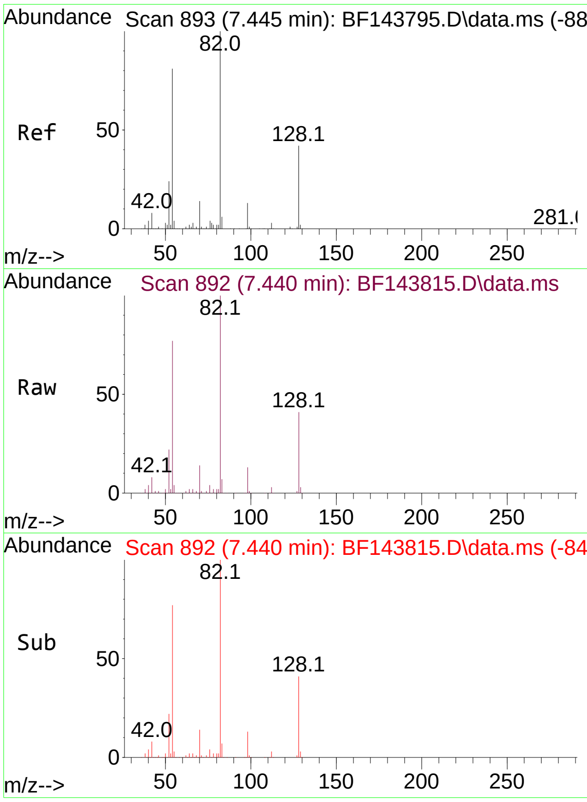
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min   Scan# 1015
Delta R.T.   -0.006 min
Lab File: BF143815.D
Acq: 25 Sep 2025   20:51

Tgt Ion:136 Resp: 460076

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	13.8	11.2	16.8
68	6.9	5.6	8.4



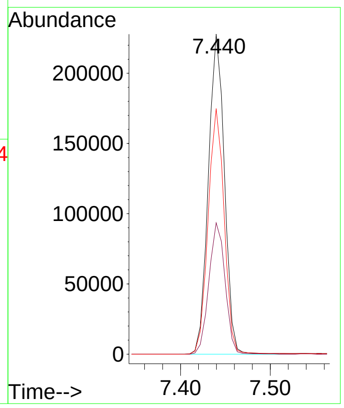
Instrument : BNA_F
ClientSampleId : EME-TS14-02

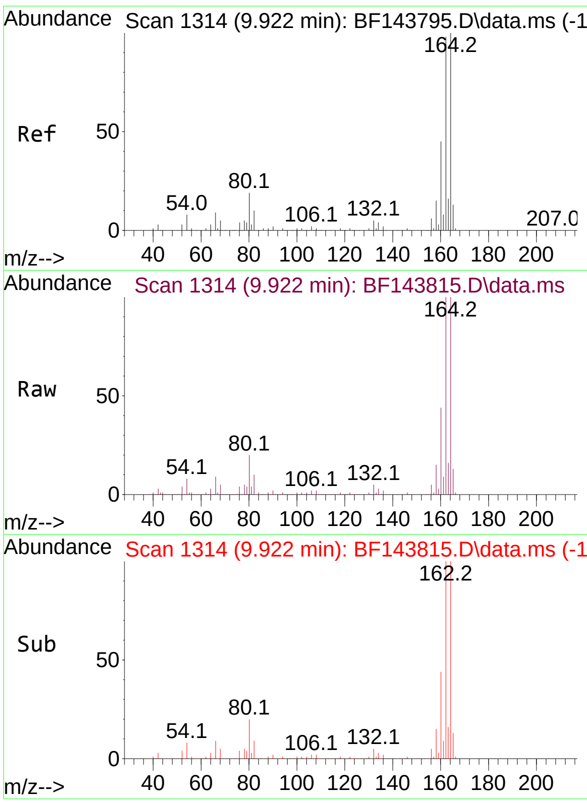


#23
Nitrobenzene-d5
Concen: 37.724 ng
RT: 7.440 min Scan# 89
Delta R.T. -0.011 min
Lab File: BF143815.D
Acq: 25 Sep 2025 20:51

Tgt Ion: 82 Resp: 283542

Ion	Ratio	Lower	Upper
82	100		
128	41.0	33.3	49.9
54	76.7	64.2	96.4

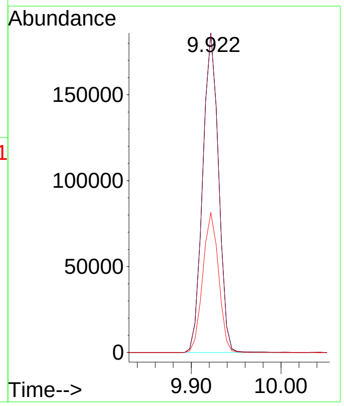




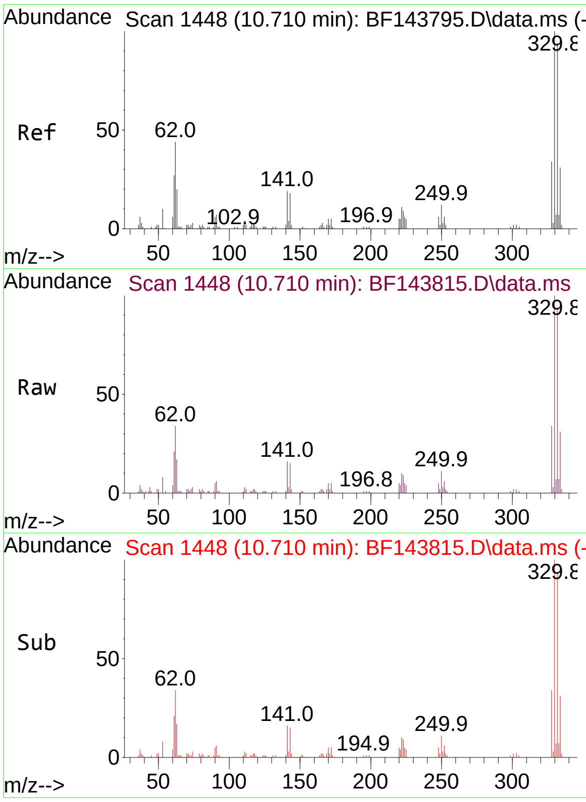
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BF143815.D
Acq: 25 Sep 2025 20:51

Tgt Ion:164 Resp: 227974

Ion	Ratio	Lower	Upper
164	100		
162	100.1	78.8	118.2
160	43.7	35.8	53.6

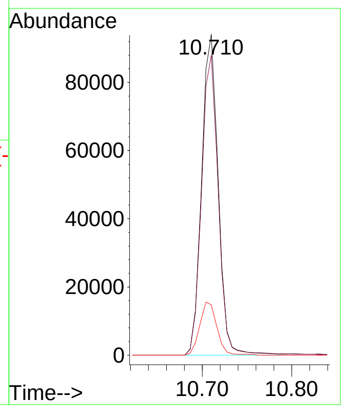


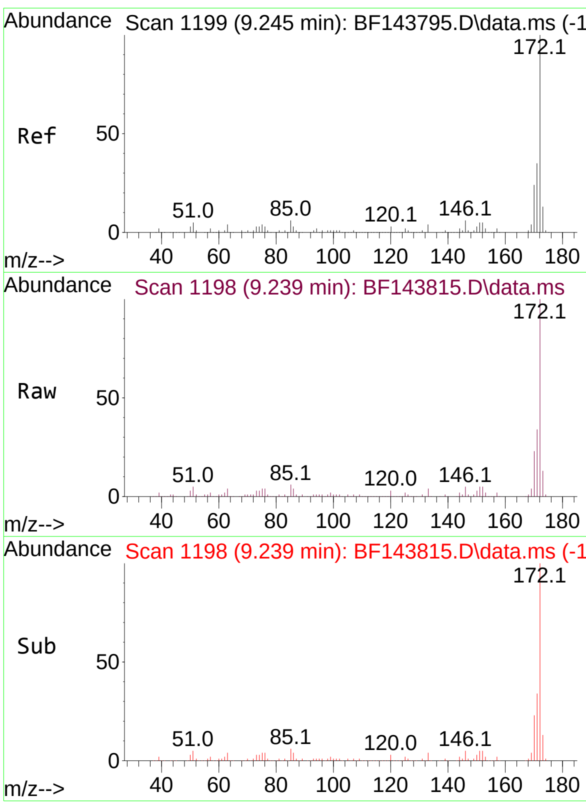
Instrument :
BNA_F
ClientSampleId :
EME-TS14-02




```
#42
2,4,6-Tribromophenol
Concen:   35.909 ng
RT:  10.710 min  Scan# 14
Delta R.T.   -0.006 min
Lab File:    BF143815.D
Acq: 25 Sep 2025  20:51

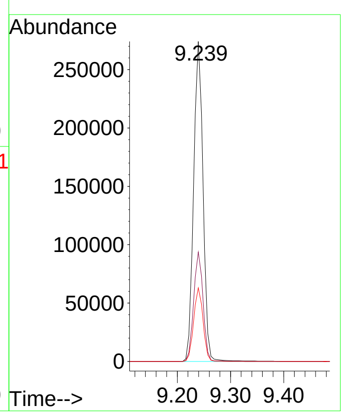
Tgt Ion:330 Resp:  121210
Ion  Ratio  Lower  Upper
330  100
332   94.7   74.7  112.1
141   17.0   14.3   21.5
```





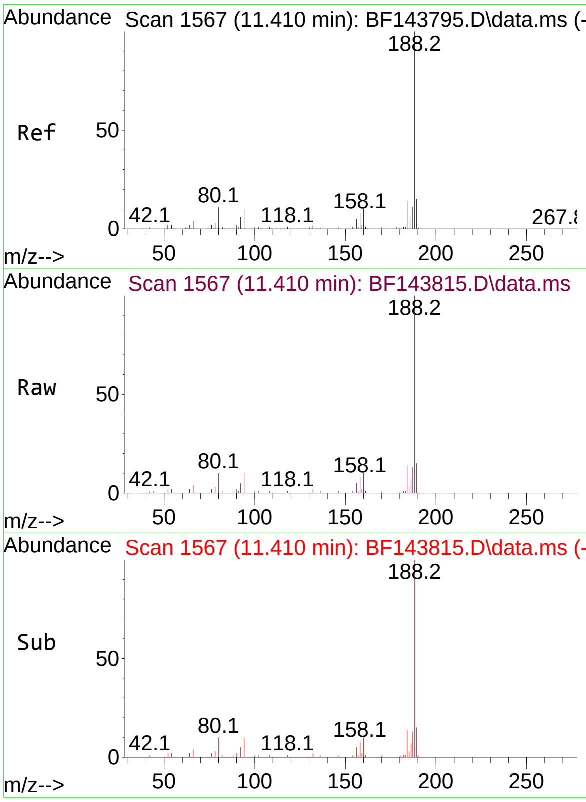

```
#45
2-Fluorobiphenyl
Concen:   23.085 ng
RT:   9.239 min  Scan# 1198
Delta R.T.   -0.006 min
Lab File:    BF143815.D
Acq: 25 Sep 2025  20:51

Tgt Ion:172 Resp:  337248
Ion  Ratio  Lower  Upper
172  100
171   34.2   27.9   41.9
170   23.0   19.1   28.7
```



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

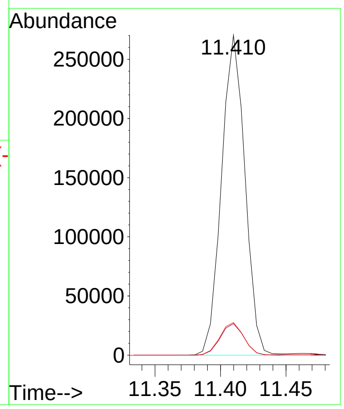
Instrument : BNA_F
ClientSampleId : EME-TS14-02

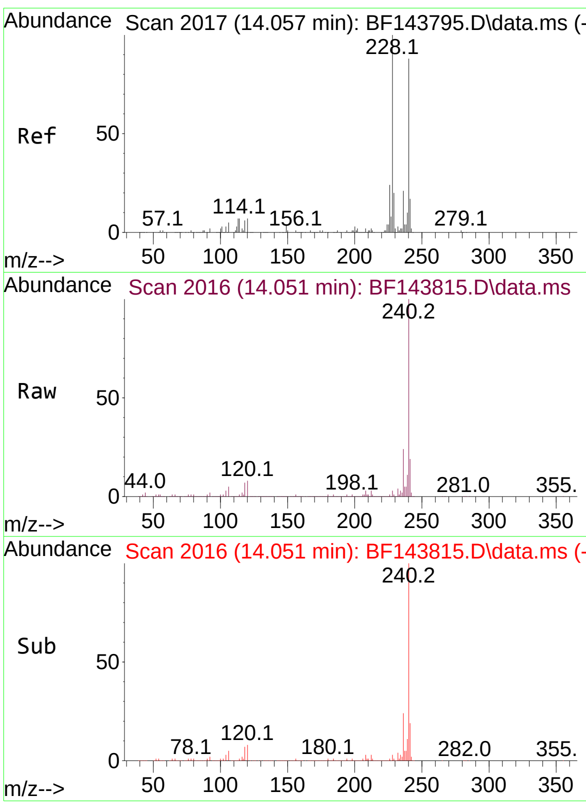


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143815.D
Acq: 25 Sep 2025 20:51

Tgt Ion:188 Resp: 336407

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.2	12.2
80	10.2	8.6	12.8

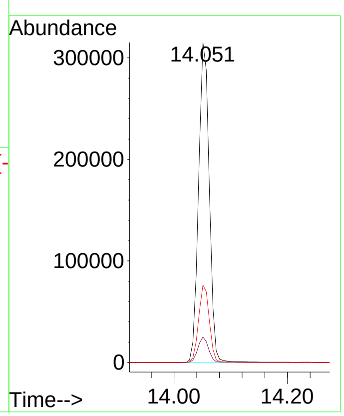




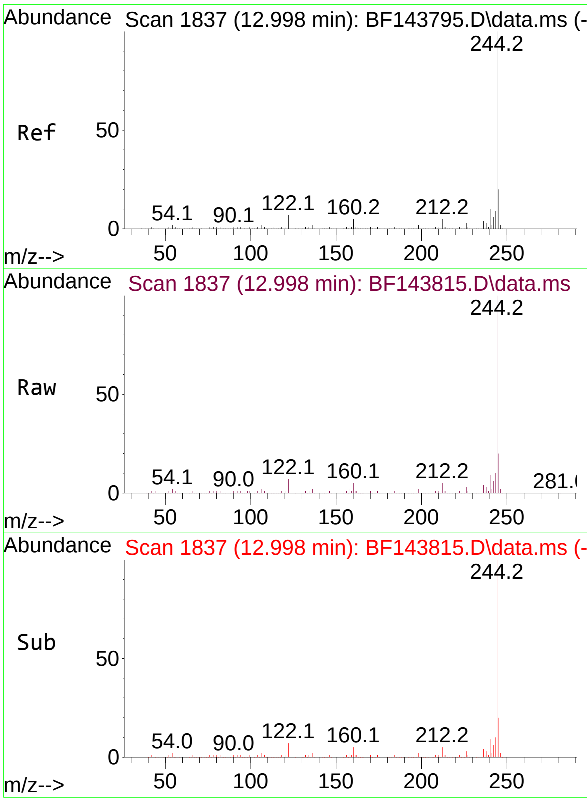
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF143815.D
Acq: 25 Sep 2025 20:51

Tgt Ion:240 Resp: 411393

Ion	Ratio	Lower	Upper
240	100		
120	7.9	6.2	9.4
236	24.2	19.4	29.2



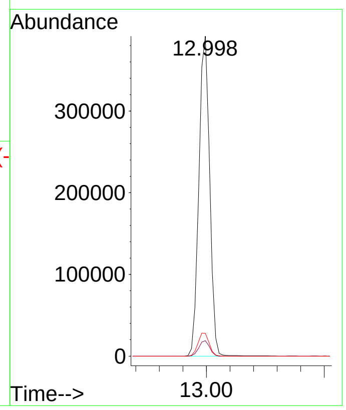
Instrument :
BNA_F
ClientSampleId :
EME-TS14-02

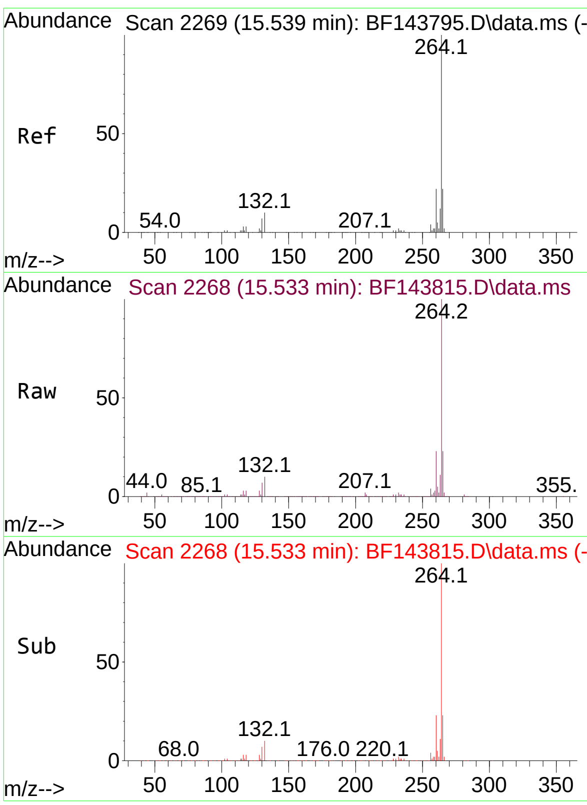


#79
Terphenyl-d14
Concen: 24.582 ng
RT: 12.998 min Scan# 18
Delta R.T. -0.006 min
Lab File: BF143815.D
Acq: 25 Sep 2025 20:51

Tgt Ion:244 Resp: 497260

Ion	Ratio	Lower	Upper
244	100		
212	4.9	3.9	5.9
122	7.1	5.6	8.4

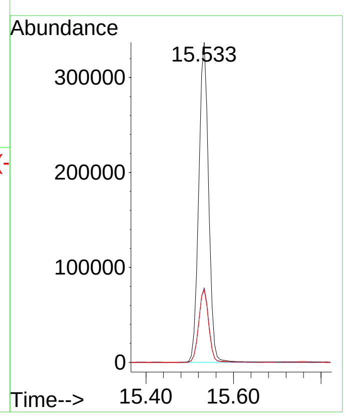




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF143815.D
Acq: 25 Sep 2025 20:51

Tgt Ion:264 Resp: 527124

Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.9	26.9
265	22.7	17.7	26.5



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
Data File : BF143815.D
Acq On : 25 Sep 2025 20:51
Operator : RC/JU
Sample : Q3176-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EME-TS14-02

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-BF092325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143815.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.093	485	493	499	rVB2	24602	43988	2.53%	0.303%
2	5.493	555	561	574	rBV	1352472	1738908	100.00%	11.968%
3	6.498	726	732	742	rBV	1273832	1661245	95.53%	11.433%
4	6.881	792	797	803	rVB	611972	787187	45.27%	5.418%
5	6.957	803	810	814	rBV	16658	20372	1.17%	0.140%
6	7.440	886	892	897	rBV	749076	933853	53.70%	6.427%
7	8.069	994	999	1008	rBV2	11157	22930	1.32%	0.158%
8	8.163	1010	1015	1021	rVV	759610	975366	56.09%	6.713%
9	9.116	1174	1177	1182	rBV2	13252	20735	1.19%	0.143%
10	9.239	1192	1198	1203	rBV	786034	976792	56.17%	6.723%
11	9.322	1207	1212	1215	rBV	20271	28994	1.67%	0.200%
12	9.639	1262	1266	1270	rBV5	11256	17485	1.01%	0.120%
13	9.922	1309	1314	1319	rBV	788024	967428	55.63%	6.658%
14	10.334	1379	1384	1391	rVB3	12482	21136	1.22%	0.145%
15	10.634	1430	1435	1442	rVB	74618	94067	5.41%	0.647%
16	10.710	1442	1448	1458	rBV	527254	711787	40.93%	4.899%
17	10.945	1479	1488	1493	rVB	23072	33260	1.91%	0.229%
18	11.410	1562	1567	1574	rBV	664145	844611	48.57%	5.813%
19	11.933	1651	1656	1668	rBV2	114009	200548	11.53%	1.380%
20	12.622	1769	1773	1778	rBV	37158	52589	3.02%	0.362%
21	12.722	1786	1790	1795	rBV2	15196	21825	1.26%	0.150%
22	12.851	1805	1812	1818	rBV	40122	76705	4.41%	0.528%
23	12.998	1831	1837	1842	rBV	899983	1147378	65.98%	7.897%
24	13.233	1873	1877	1883	rBV2	11447	17785	1.02%	0.122%
25	13.574	1931	1935	1940	rVB	16785	22952	1.32%	0.158%
26	13.904	1987	1991	1993	rBV2	28810	41693	2.40%	0.287%
27	14.051	2010	2016	2028	rVB	776626	1086860	62.50%	7.480%
28	14.222	2041	2045	2050	rVB2	21103	30033	1.73%	0.207%
29	14.521	2093	2096	2101	rBV	25173	33568	1.93%	0.231%
30	14.821	2142	2147	2158	rBV3	57187	138776	7.98%	0.955%
31	14.916	2160	2163	2173	rVB6	24752	39028	2.24%	0.269%
32	15.098	2190	2194	2202	rVB	40711	93776	5.39%	0.645%
33	15.180	2204	2208	2218	rVB2	36220	60596	3.48%	0.417%
34	15.404	2243	2246	2251	rVB	18211	24883	1.43%	0.171%
35	15.468	2254	2257	2261	rVV	25666	34618	1.99%	0.238%
36	15.533	2262	2268	2280	rVB	770676	1244735	71.58%	8.567%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
Data File : BF143815.D
Acq On : 25 Sep 2025 20:51
Operator : RC/JU
Sample : Q3176-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EME-TS14-02

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-BF092325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	16.015	2347	2350	2356	rVB	19494	30250	1.74%	0.208%
38	16.463	2421	2426	2434	rVB4	51290	99860	5.74%	0.687%
39	17.204	2548	2552	2559	rVB7	25480	47546	2.73%	0.327%
40	17.686	2629	2634	2647	rVB7	23006	83535	4.80%	0.575%

Sum of corrected areas: 14529683

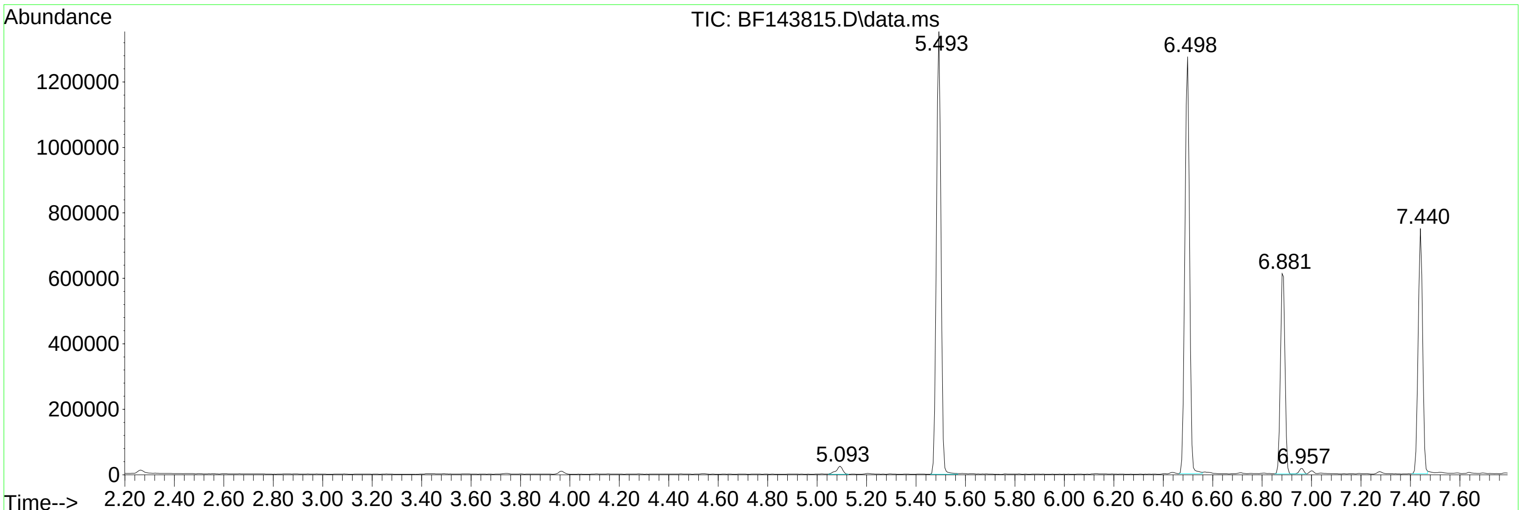
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

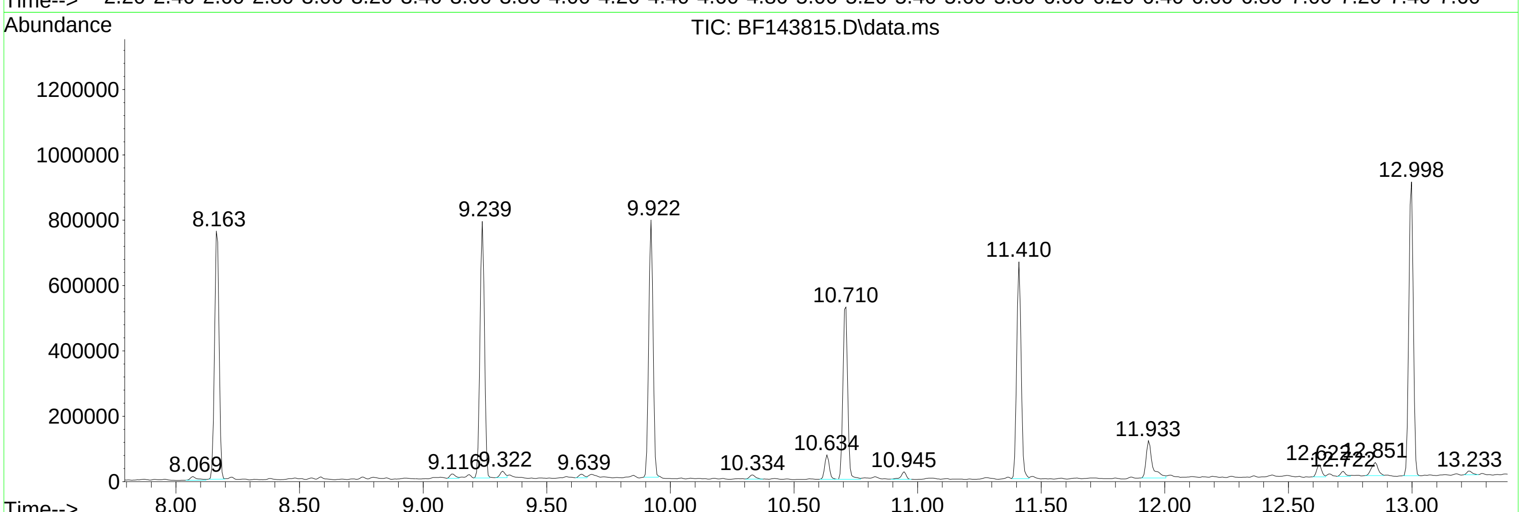
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
Data File : BF143815.D
Acq On : 25 Sep 2025 20:51
Operator : RC/JU
Sample : Q3176-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

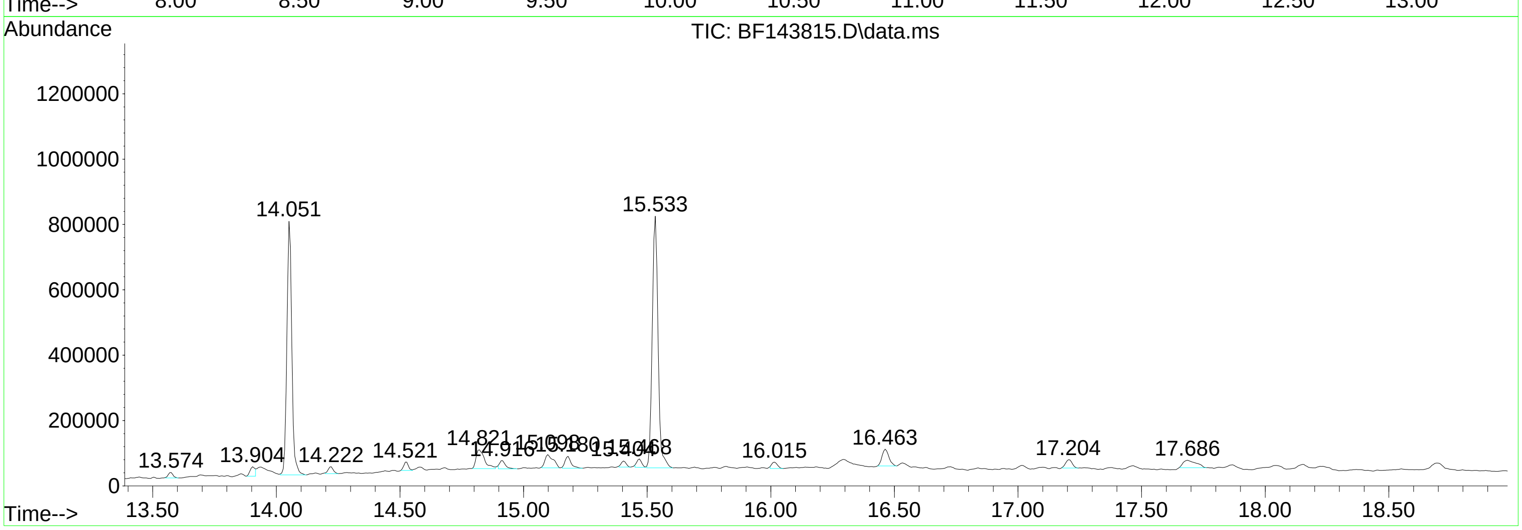
Instrument :
BNA_F
ClientSampleId :
EME-TS14-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
Data File : BF143815.D
Acq On    : 25 Sep 2025  20:51
Operator  : RC/JU
Sample    : Q3176-03
Misc      :
ALS Vial  : 14   Sample Multiplier: 1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Instrument :
BNA_F
ClientSampleId :
EME-TS14-02

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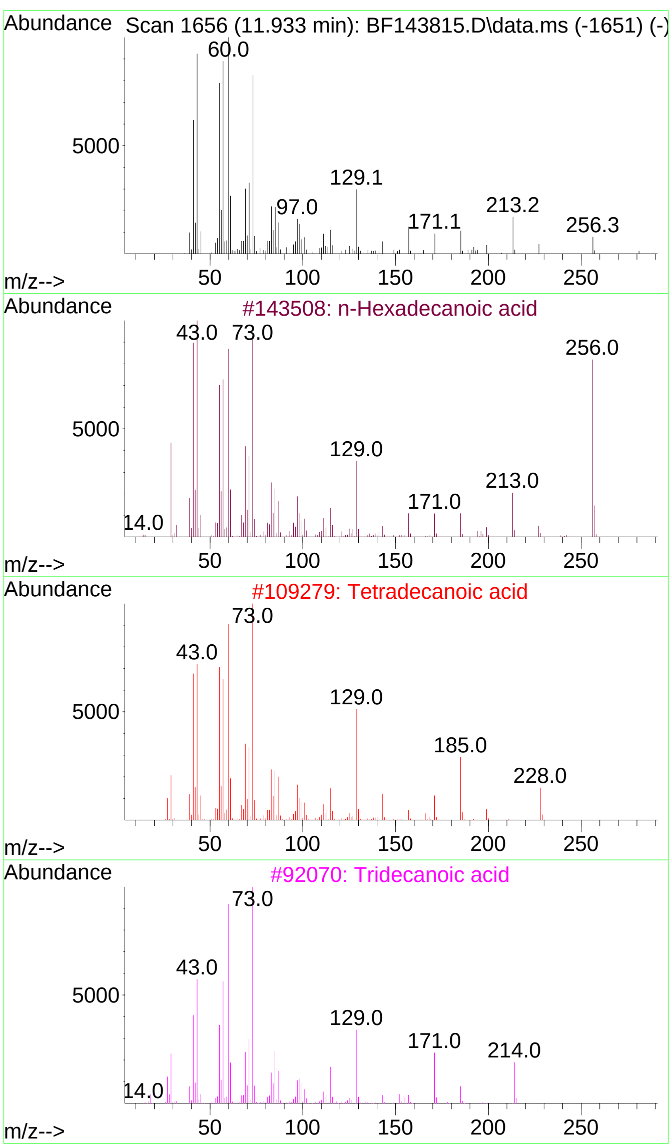
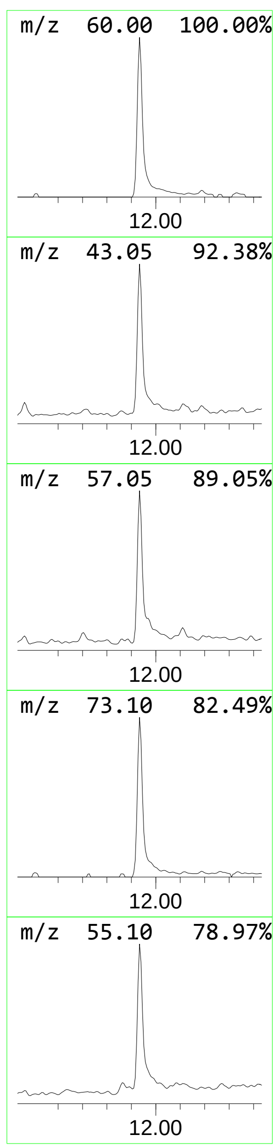
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	4.75 ng	200548	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
3	Tridecanoic acid	214	C13H26O2	000638-53-9	64
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
5	Dodecanoic acid	200	C12H24O2	000143-07-7	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
Data File : BF143815.D
Acq On : 25 Sep 2025 20:51
Operator : RC/JU
Sample : Q3176-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EME-TS14-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.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
n-Hexadecanoic ...	11.933	4.8	ng	200548	4	11.410	844611	20.0

CALIBRATION SUMMARY

1
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Response Factor Report BNA_F

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF092325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Sep 24 05:00:00 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BF143791.D 5 =BF143792.D 10 =BF143793.D 20 =BF143794.D 40 =BF143795.D 50 =BF143796.D 60 =BF143797.D 80 =BF1437
98.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------------ISTD--------------------									
2)		1,4-Dioxane		0.594	0.575	0.598	0.640	0.558	0.582	0.577	0.589	4.40
3)		Pyridine		1.585	1.522	1.624	1.724	1.535	1.603	1.541	1.590	4.40
4)		n-Nitrosodimet...			0.744	0.812	0.851	0.775	0.818	0.785	0.797	4.71
5)	S	2-Fluorophenol			1.258	1.326	1.329	1.156	1.193	1.124	1.231	7.08
6)		Aniline		2.283	2.120	2.158	2.145	1.940	1.978	1.826	2.064	7.55
7)	S	Phenol-d6			1.507	1.530	1.523	1.336	1.371	1.267	1.422	7.90
8)		2-Chlorophenol		1.304	1.254	1.329	1.335	1.209	1.244	1.146	1.260	5.45
9)		Benzaldehyde			1.066	0.952	1.467	1.327	1.538	1.123	1.246	18.81
10)	C	Phenol		1.762	1.708	1.737	1.748	1.534	1.622	1.463	1.653	7.07
11)		bis(2-Chloroet...		1.387	1.321	1.347	1.367	1.223	1.270	1.156	1.296	6.47
12)		1,3-Dichlorobe...		1.622	1.493	1.556	1.544	1.345	1.385	1.297	1.463	8.34
13)	C	1,4-Dichlorobe...		1.634	1.496	1.549	1.537	1.339	1.380	1.287	1.460	8.68
14)		1,2-Dichlorobe...		1.558	1.407	1.465	1.449	1.277	1.309	1.215	1.383	8.73
15)		Benzyl Alcohol			1.022	1.074	1.088	1.004	1.042	0.936	1.028	5.32
16)		2,2'-oxybis(1-...		3.320	3.136	3.224	3.231	2.896	2.966	2.738	3.073	6.87
17)		2-Methylphenol		1.033	0.990	1.009	1.021	0.938	0.959	0.880	0.976	5.52
18)		Hexachloroethane		0.555	0.512	0.543	0.543	0.482	0.493	0.468	0.514	6.60
19)	P	n-Nitroso-di-n...	1.078	0.991	0.932	0.926	0.914	0.842	0.869	0.764	0.915	10.34
20)		3+4-Methylphenols			1.292	1.256	1.274	1.137	1.147	1.023	1.188	8.78
21)	I	Naphthalene-d8	----------------ISTD--------------------									
22)		Acetophenone		0.500	0.466	0.468	0.463	0.401	0.404	0.373	0.439	10.54
23)	S	Nitrobenzene-d5			0.309	0.339	0.353	0.322	0.330	0.308	0.327	5.40
24)		Nitrobenzene		0.362	0.354	0.369	0.389	0.357	0.361	0.342	0.362	3.96
25)		Isophorone		0.667	0.636	0.649	0.673	0.624	0.634	0.575	0.637	5.11
26)	C	2-Nitrophenol		0.089	0.104	0.125	0.148	0.150	0.156	0.150	0.132	20.10
27)		2,4-Dimethylph...		0.292	0.280	0.291	0.303	0.280	0.286	0.261	0.285	4.65
28)		bis(2-Chloroet...		0.455	0.430	0.430	0.437	0.393	0.392	0.360	0.414	8.03
29)	C	2,4-Dichloroph...		0.277	0.286	0.288	0.298	0.273	0.278	0.260	0.280	4.37
30)		1,2,4-Trichlor...		0.314	0.288	0.304	0.309	0.275	0.279	0.264	0.291	6.52
31)		Naphthalene		1.058	1.021	1.020	1.003	0.887	0.888	0.826	0.957	9.26
32)		Benzoic acid			0.124	0.091	0.140	0.148	0.159	0.161	0.137	19.26
33)		4-Chloroaniline		0.360	0.347	0.353	0.355	0.323	0.323	0.295	0.336	7.04
34)	C	Hexachlorobuta...		0.227	0.219	0.223	0.233	0.206	0.210	0.199	0.217	5.64
35)		Caprolactam			0.066	0.069	0.075	0.074	0.076	0.070	0.072	5.47
36)	C	4-Chloro-3-met...		0.271	0.260	0.271	0.276	0.261	0.262	0.238	0.263	4.81
37)		2-Methylnaphth...		0.685	0.650	0.643	0.635	0.568	0.572	0.521	0.611	9.49
38)		1-Methylnaphth...		0.656	0.618	0.610	0.612	0.550	0.550	0.496	0.584	9.36

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF092325.M

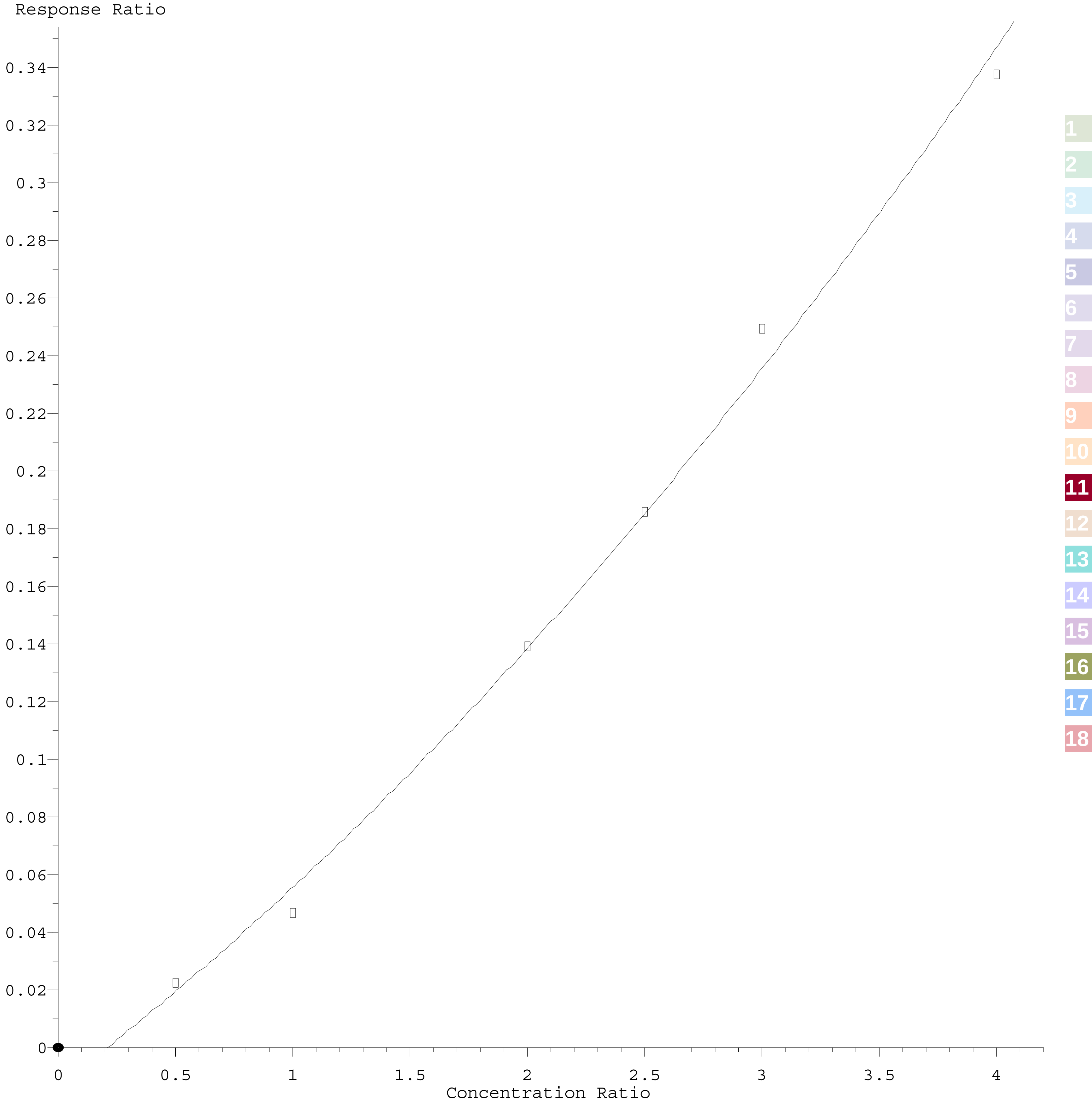
39)	I	Acenaphthene-d10	----------------ISTD--------------------								
40)		1,2,4,5-Tetrac...	0.657	0.634	0.636	0.628	0.559	0.562	0.549	0.604	7.43
41)	P	Hexachlorocycl...		0.336	0.371	0.418	0.382	0.401	0.387	0.383	7.32
42)	S	2,4,6-Tribromo...		0.303	0.324	0.328	0.281	0.275	0.266	0.296	8.83
43)	C	2,4,6-Trichlor...	0.344	0.358	0.386	0.422	0.379	0.392	0.365	0.378	6.71
44)		2,4,5-Trichlor...	0.371	0.391	0.419	0.423	0.380	0.402	0.381	0.395	5.09
45)	S	2-Fluorobiphenyl		1.476	1.460	1.351	1.154	1.153	1.096	1.282	13.12
46)		1,1'-Biphenyl	1.608	1.541	1.564	1.495	1.331	1.326	1.269	1.448	9.37
47)		2-Chloronaphth...	1.283	1.223	1.243	1.215	1.077	1.080	1.036	1.165	8.38
48)		2-Nitroaniline	0.241	0.305	0.355	0.400	0.380	0.400	0.386	0.352	16.77
49)		Acenaphthylene	1.729	1.659	1.700	1.691	1.499	1.513	1.440	1.604	7.27
50)		Dimethylphthalate	1.275	1.233	1.252	1.286	1.173	1.191	1.122	1.219	4.87
51)		2,6-Dinitrotol...	0.138	0.161	0.198	0.228	0.224	0.231	0.221	0.200	18.41
52)	C	Acenaphthene	1.134	1.121	1.123	1.109	0.974	0.976	0.953	1.056	7.87
53)		3-Nitroaniline	0.171	0.210	0.245	0.283	0.259	0.267	0.264	0.243	16.09
54)	P	2,4-Dinitrophenol		0.052	0.040	0.063	0.066	0.076	0.084	0.064	25.20
55)		Dibenzofuran	1.649	1.551	1.590	1.561	1.377	1.392	1.329	1.493	8.32
56)	P	4-Nitrophenol		0.197	0.169	0.208	0.193	0.197	0.210	0.196	7.39
57)		2,4-Dinitrotol...	0.151	0.210	0.254	0.307	0.295	0.308	0.300	0.261	23.18
58)		Fluorene	1.275	1.210	1.190	1.147	1.005	0.986	0.956	1.110	11.33
59)		2,3,4,6-Tetrac...	0.272	0.309	0.349	0.373	0.355	0.361	0.352	0.339	10.45
60)		Diethylphthalate	1.158	1.170	1.174	1.211	1.100	1.109	1.066	1.141	4.44
61)		4-Chlorophenyl...	0.621	0.592	0.601	0.590	0.528	0.524	0.504	0.566	8.09
62)		4-Nitroaniline	0.162	0.204	0.228	0.264	0.242	0.243	0.255	0.228	15.32
63)		Azobenzene	1.260	1.221	1.246	1.279	1.148	1.163	1.101	1.203	5.49
64)	I	Phenanthrene-d10	----------------ISTD--------------------								
65)		4,6-Dinitro-2-...		0.045	0.047	0.070	0.074	0.083	0.084	0.067	25.99
66)	c	n-Nitrosodiphe...	0.707	0.675	0.688	0.682	0.621	0.637	0.594	0.658	6.27
67)		4-Bromophenyl-...	0.344	0.333	0.349	0.361	0.334	0.342	0.324	0.341	3.52
68)		Hexachlorobenzene	0.492	0.470	0.488	0.492	0.447	0.461	0.437	0.470	4.80
69)		Atrazine	0.178	0.191	0.198	0.211	0.186	0.187	0.183	0.190	5.63
70)	C	Pentachlorophenol		0.180	0.216	0.256	0.239	0.254	0.259	0.234	13.17
71)		Phenanthrene	1.145	1.066	1.071	1.082	0.948	0.954	0.921	1.027	8.27
72)		Anthracene	1.096	1.069	1.088	1.083	0.965	0.963	0.945	1.030	6.65
73)		Carbazole	0.916	0.931	0.949	0.976	0.839	0.846	0.847	0.901	6.23
74)		Di-n-butylphth...	0.940	1.008	1.075	1.157	1.019	1.019	1.031	1.036	6.45
75)	C	Fluoranthene	1.019	1.046	1.099	1.144	0.953	0.956	1.012	1.033	6.83
76)	I	Chrysene-d12	----------------ISTD--------------------								
77)		Benzidine		0.438	0.444	0.511	0.571	0.553	0.407	0.487	13.78
78)		Pyrene	1.038	0.982	0.991	1.005	0.990	1.011	0.867	0.983	5.54
79)	S	Terphenyl-d14		1.044	1.013	1.022	0.981	0.989	0.852	0.983	6.95
80)		Butylbenzylpht...	0.251	0.298	0.335	0.391	0.367	0.381	0.358	0.340	14.74
81)		Benzo(a)anthra...	1.109	1.081	1.083	1.148	1.040	1.065	0.995	1.074	4.55
82)		3,3'-Dichlorob...		0.426	0.465	0.497	0.459	0.480	0.466	0.465	5.06
83)		Chrysene	1.041	0.985	0.996	1.018	0.909	0.941	0.916	0.972	5.25
84)		Bis(2-ethylhex...	0.428	0.477	0.514	0.558	0.505	0.516	0.492	0.499	8.01
85)	c	Di-n-octyl pht...		0.767	0.877	1.013	0.902	0.937	0.930	0.905	9.00

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF092325.M

86)	I	Perylene-d12	-----------------ISTD--------------------								
87)		Indeno(1,2,3-c...	1.483	1.426	1.580	1.608	1.509	1.548	1.468	1.517	4.26
88)		Benzo(b)fluora...	0.987	1.004	1.029	1.104	1.002	1.002	1.000	1.018	3.91
89)		Benzo(k)fluora...	1.061	1.004	1.079	1.089	0.996	1.029	0.905	1.023	6.18
90)	C	Benzo(a)pyrene	0.928	0.920	0.989	1.027	0.949	0.971	0.918	0.957	4.25
91)		Dibenzo(a,h)an...	1.207	1.187	1.302	1.332	1.237	1.257	1.166	1.241	4.87
92)		Benzo(g,h,i)pe...	1.134	1.116	1.234	1.279	1.200	1.244	1.168	1.196	5.01

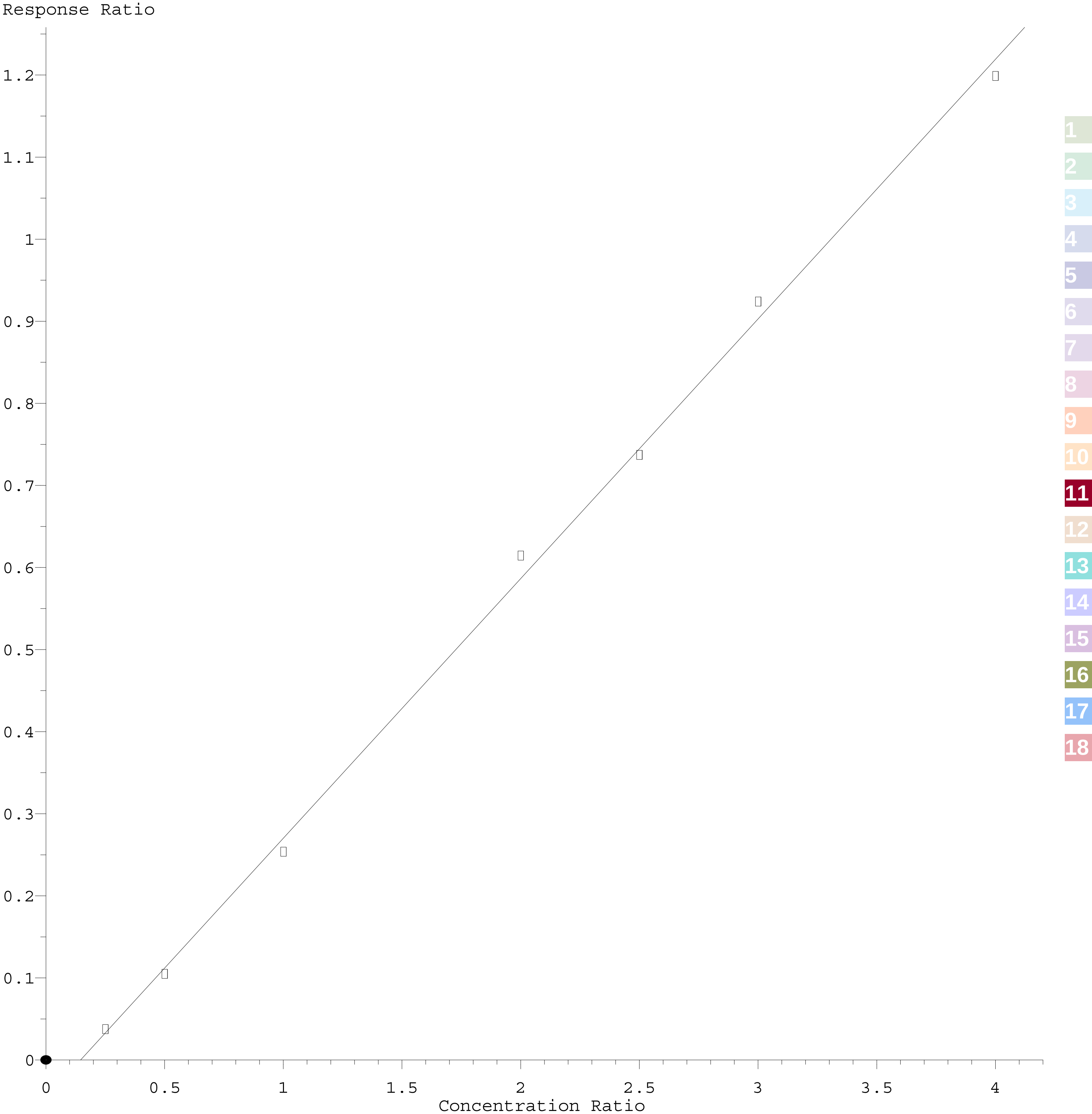
(#) = Out of Range

4,6-Dinitro-2-methylphenol



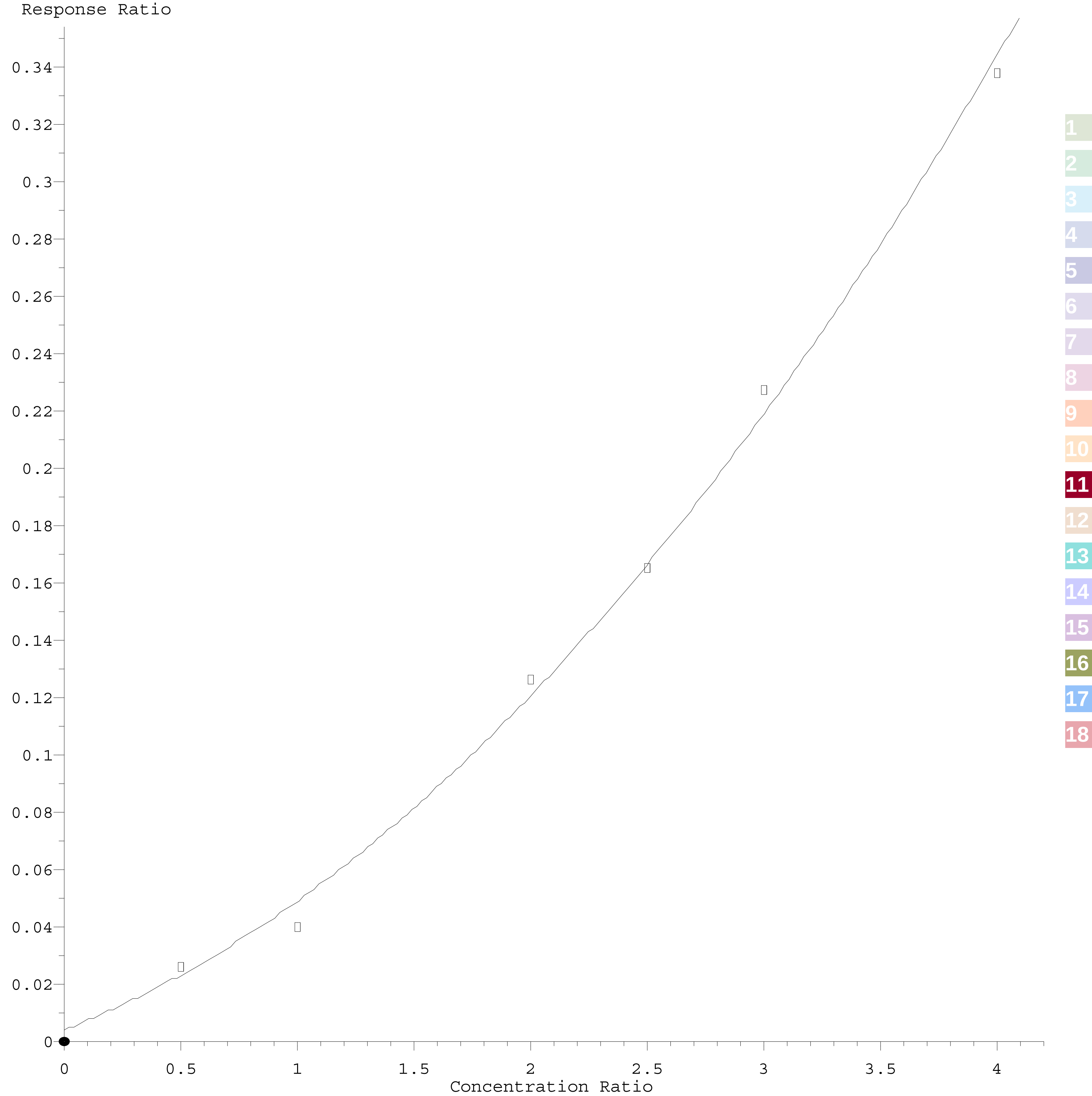
R = 7.095e-003 A*A + 6.161e-002 A - 1.313e-002
Coef of Det (r^2) = 0.995418   Curve Fit: Quadratic w(1/a)
Method Name: Z:\[illegible]\HPCHEM1\BNA F\Methods\8270-BF092325.M
Q3176-SVOC-TCL BNA-20
Calibration Table Last Updated: Wed Sep 24 05:00:00 2025

2,4-Dinitrotoluene

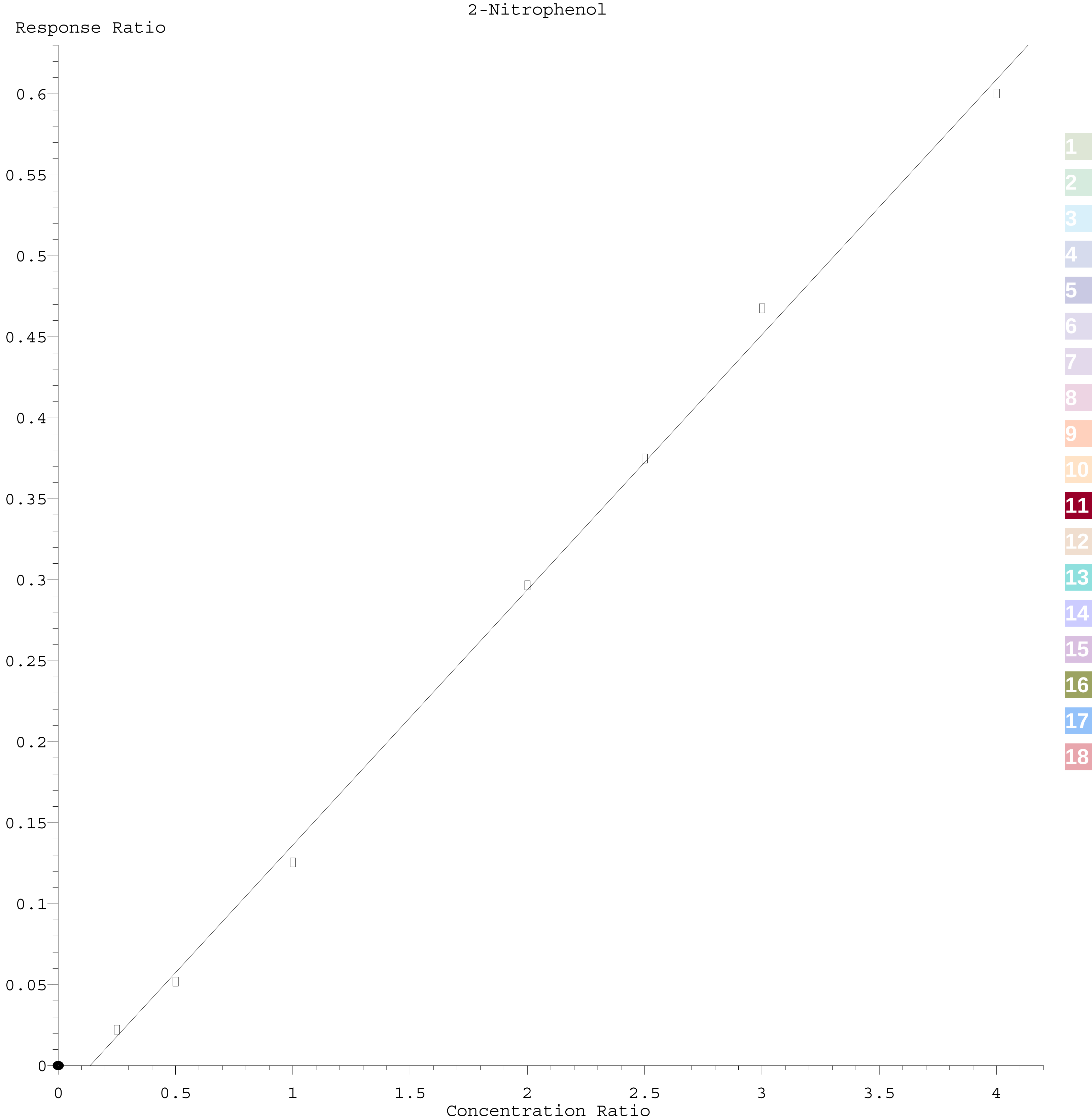


Response = 3.165e-001 * Amt - 4.621e-002
Coef of Det (r^2) = 0.998498   Curve Fit: wlr(1/a)
Method Name: Z:\[illegible]srv\HPCHEM1\BNA F\Methods\8270-BF092325.M
Calibration Table Last Updated: Wed Sep 24 05:00:00 2025

2,4-Dinitrophenol



R = 1.334e-002 A*A + 3.164e-002 A + 4.049e-003
Coef of Det (r^2) = 0.995804   Curve Fit: Quadratic w(1/a)
Method Name: Z:\[illegible]srv\HPCHEM1\BNA F\Methods\8270-BF092325.M
Q3176-SVOC-TCL BNA-20
Calibration Table Last Updated: Wed Sep 24 05:00:00 2025



Response = 1.576e-001 * Amt - 2.138e-002
Coef of Det (r^2) = 0.998054   Curve Fit: wlr(1/a)
Method Name: Z:\bnaserv\HPCHEM1\BNA F\Methods\8270-BF092325.M
Calibration Table Last Updated: Wed Sep 24 05:00:00 2025

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
Data File : BF143791.D
Acq On : 23 Sep 2025 10:28
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Sep 23 17:06:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 23 16:31:21 2025
Response via : Initial Calibration

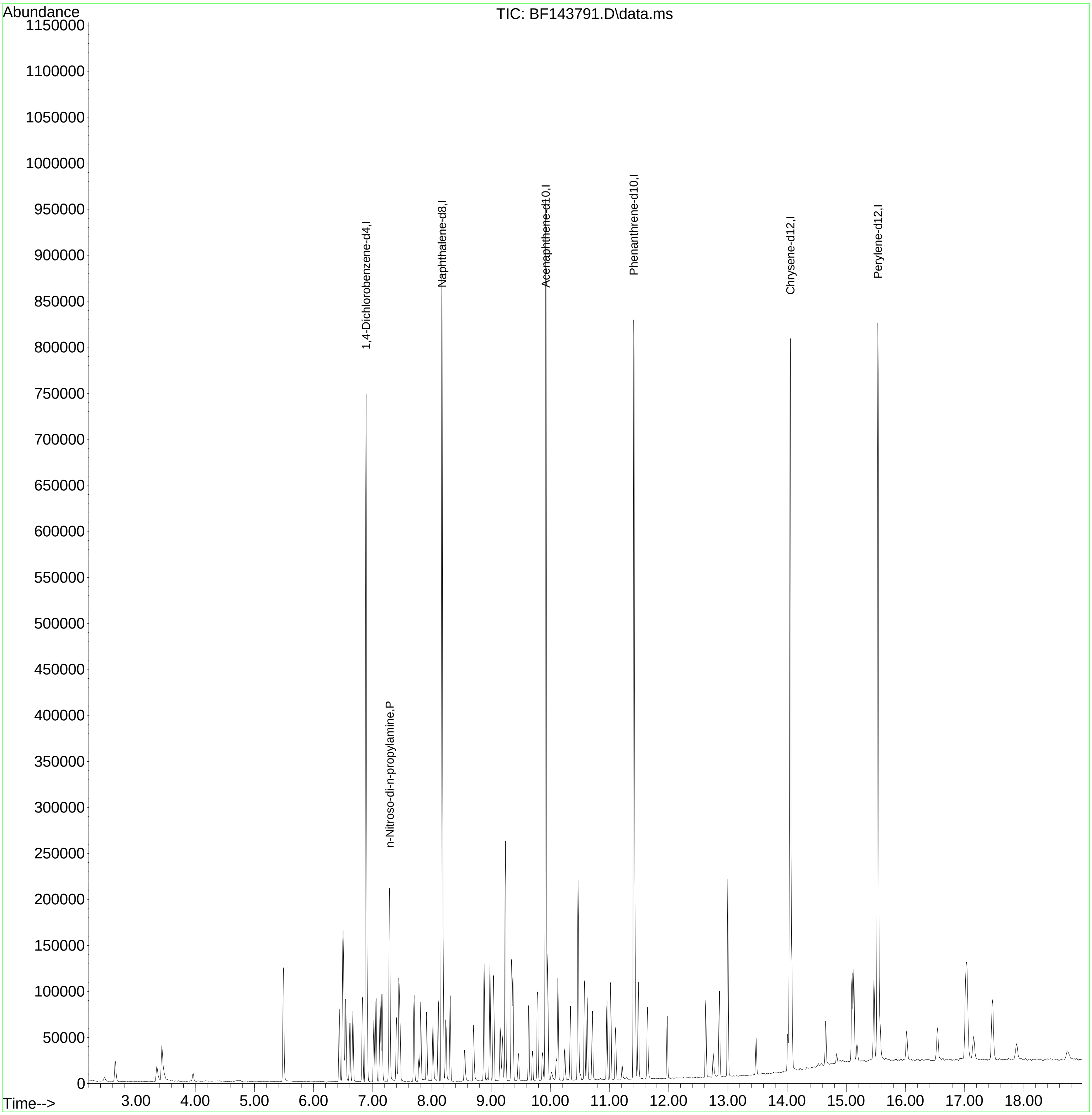
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	142727	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	546391	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	280335	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	422227	20.000	ng	0.00
76) Chrysene-d12	14.057	240	419162	20.000	ng	0.00
86) Perylene-d12	15.533	264	547725	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...	7.286	70	19227	2.946	ng	96

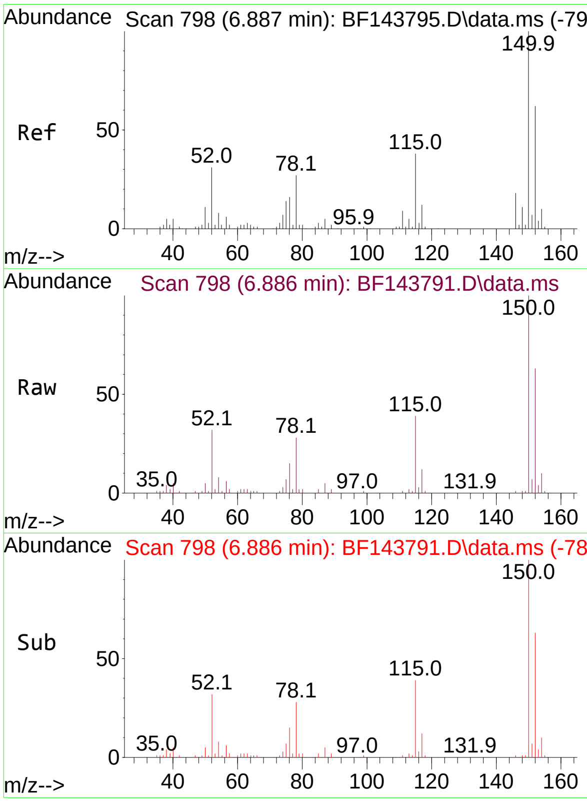
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
Data File : BF143791.D
Acq On : 23 Sep 2025 10:28
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC2.5

Quant Time: Sep 23 17:06:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 23 16:31:21 2025
Response via : Initial Calibration



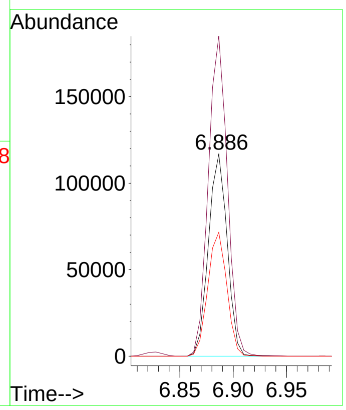


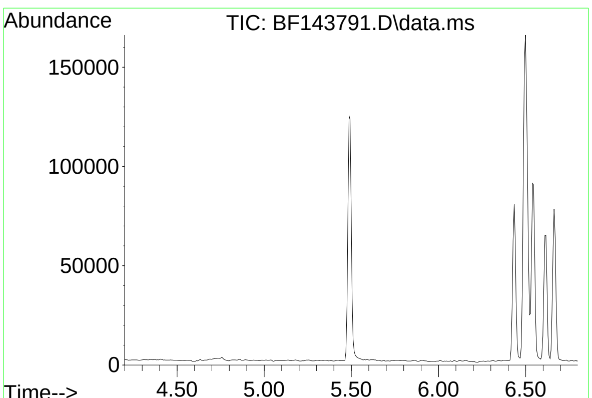
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 79
Delta R.T. -0.001 min
Lab File: BF143791.D
Acq: 23 Sep 2025 10:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:152 Resp: 142727

Ion	Ratio	Lower	Upper
152	100		
150	158.5	129.6	194.4
115	61.3	49.0	73.4



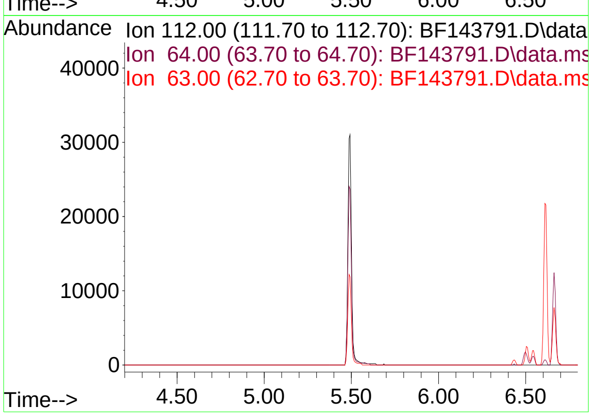


#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.50 min

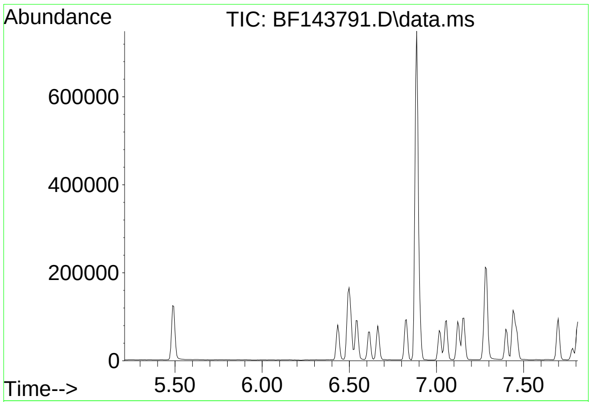
Lab File: BF143791.D
Acq: 23 Sep 2025 10:28

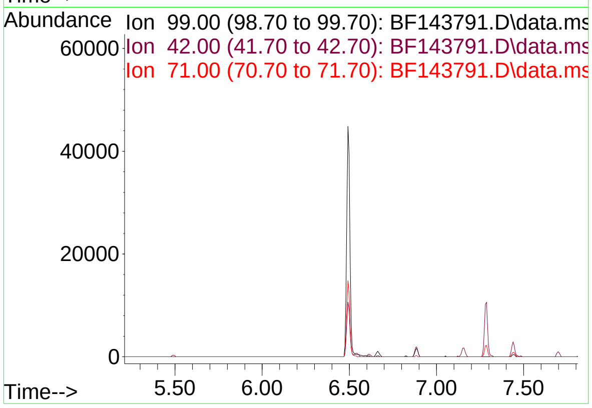
Tgt Ion: 112

Sig	Exp Ratio
112	100
64	78.7
63	40.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5



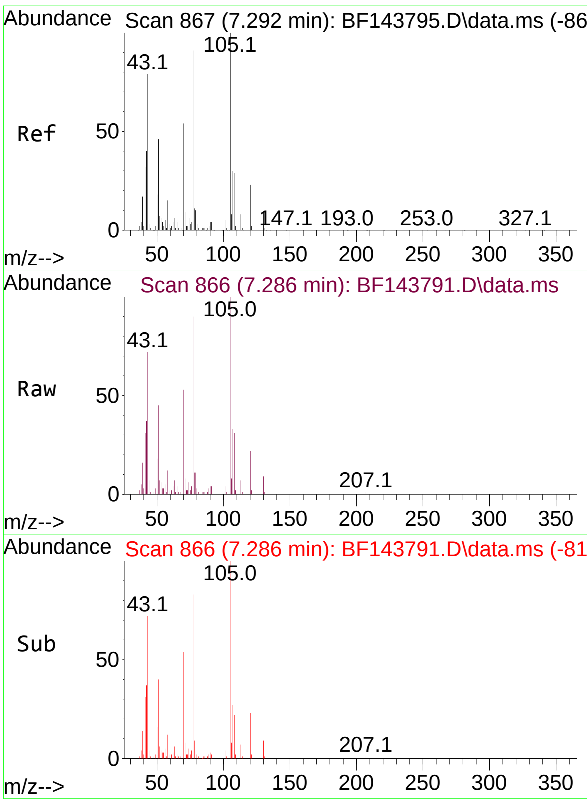


#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.51 min

Lab File: BF143791.D
Acq: 23 Sep 2025   10:28

Tgt Ion: 99

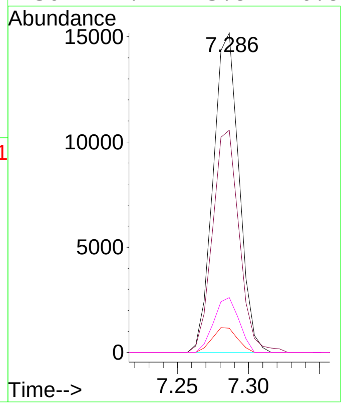
Sig	Exp Ratio
99	100
42	23.3
71	33.7



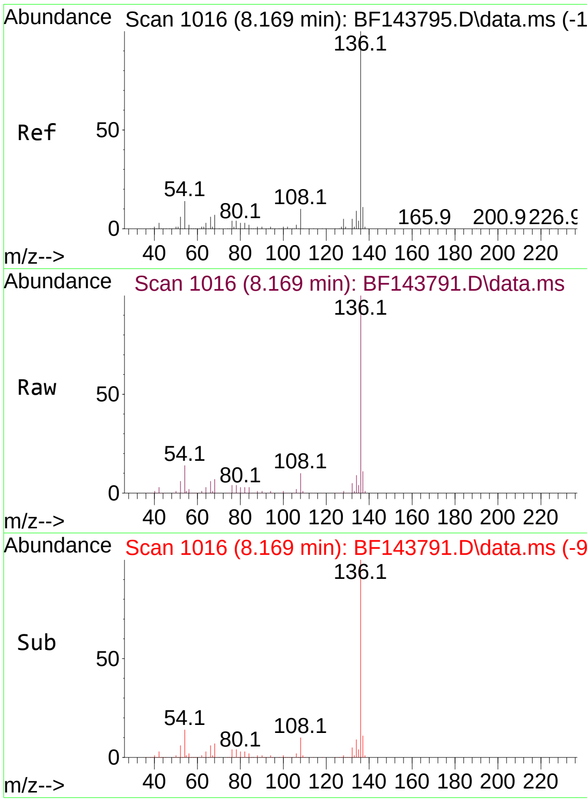
#19
n-Nitroso-di-n-propylamine
Concen: 2.946 ng
RT: 7.286 min   Scan# 866
Delta R.T.   -0.018 min
Lab File: BF143791.D
Acq: 23 Sep 2025   10:28

Tgt Ion: 70 Resp: 19227

Ion	Ratio	Lower	Upper
70	100		
42	69.5	59.4	89.0
101	7.6	7.1	10.7
130	17.2	13.8	20.8



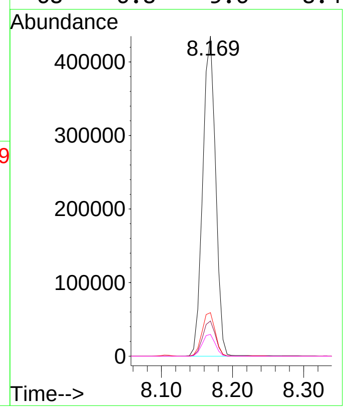
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

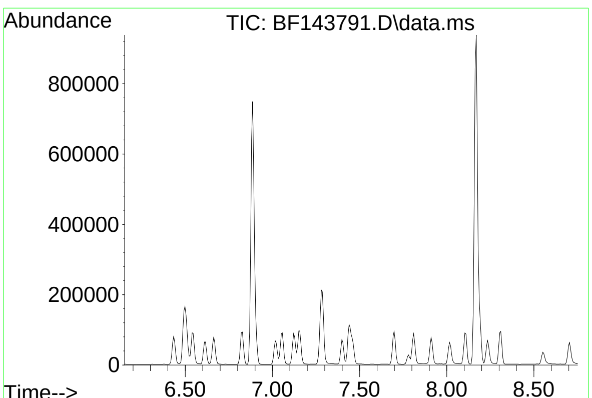


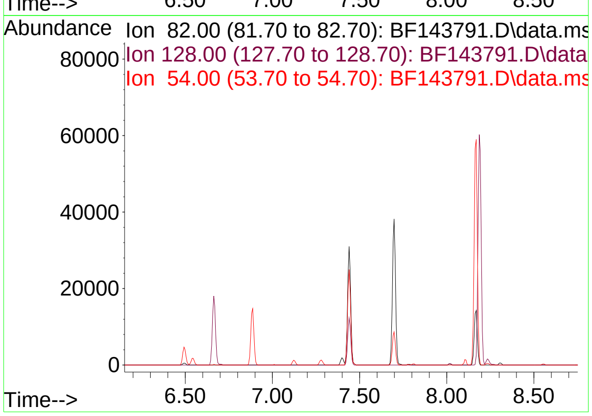
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min   Scan# 10
Delta R.T.   -0.000 min
Lab File: BF143791.D
Acq: 23 Sep 2025   10:28

Tgt Ion:136 Resp: 546391

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	13.6	11.2	16.8
68	6.8	5.6	8.4







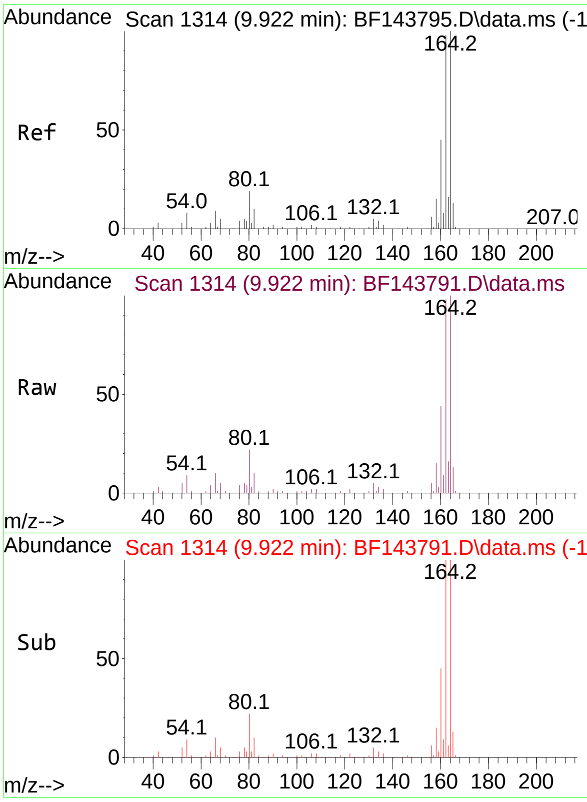
#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 7.45 min

Lab File: BF143791.D
Acq: 23 Sep 2025   10:28

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	41.6
54	80.3

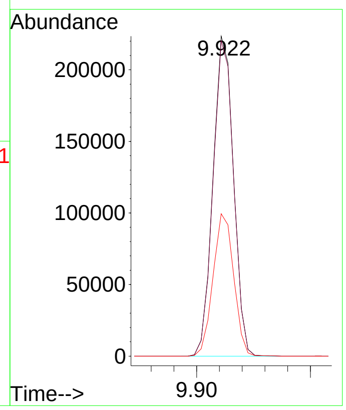
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

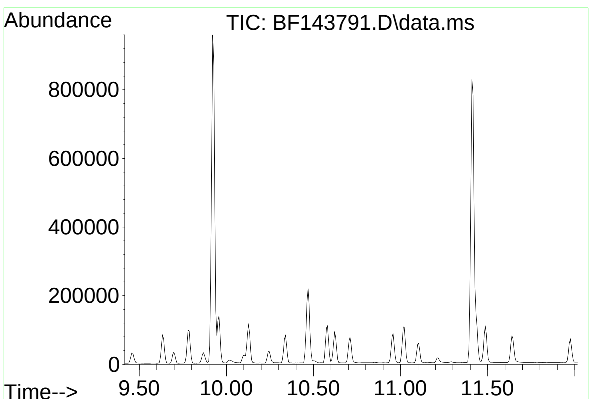


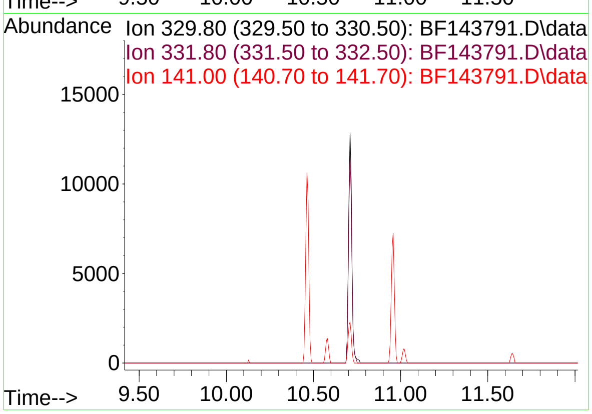
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min   Scan# 13
Delta R.T.   -0.006 min
Lab File: BF143791.D
Acq: 23 Sep 2025   10:28

Tgt Ion:164 Resp: 280335

Ion	Ratio	Lower	Upper
164	100		
162	98.5	78.8	118.2
160	44.5	35.8	53.6







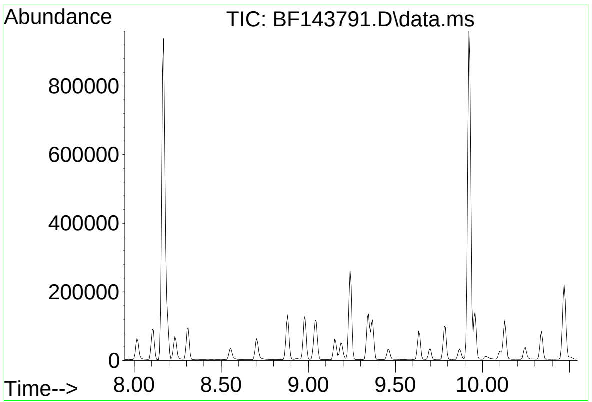
#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 10.72 min

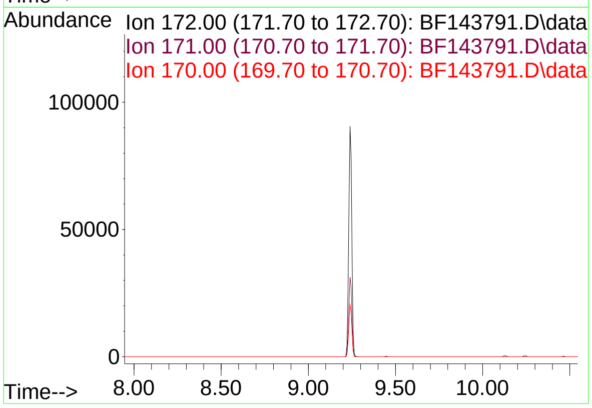
Lab File: BF143791.D
Acq: 23 Sep 2025   10:28

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	93.4
141	17.9

Instrument : BNA_F
ClientSampleId : SSTDICC2.5



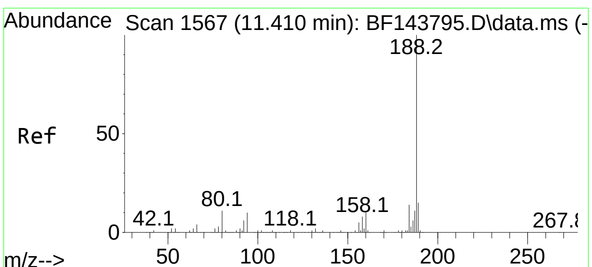


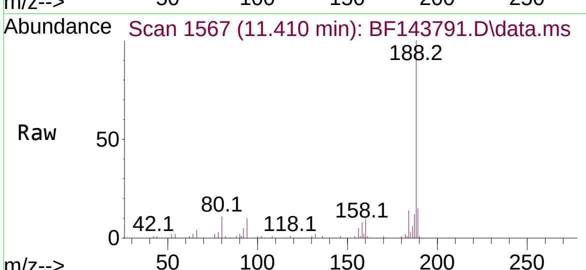
#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 9.25 min

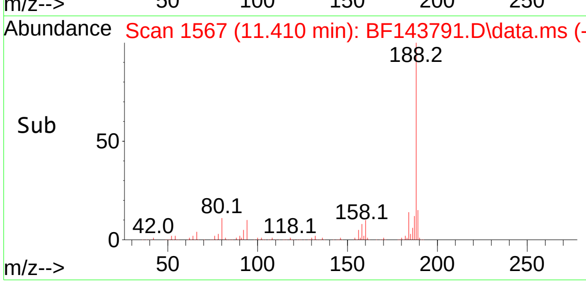
Lab File: BF143791.D
Acq: 23 Sep 2025 10:28

Tgt Ion: 172

Sig	Exp Ratio
172	100
171	34.9
170	23.9



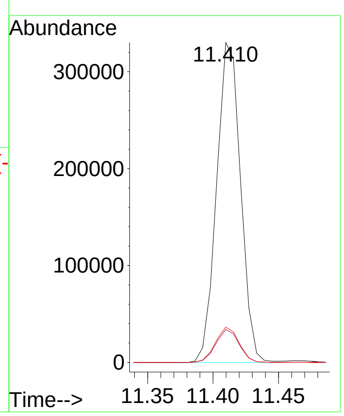


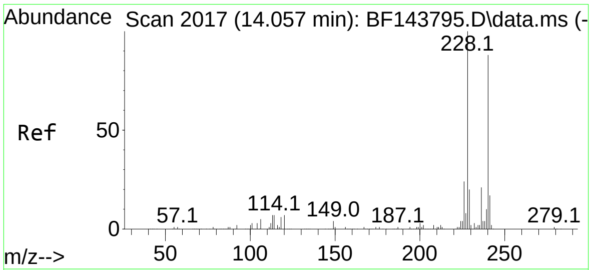


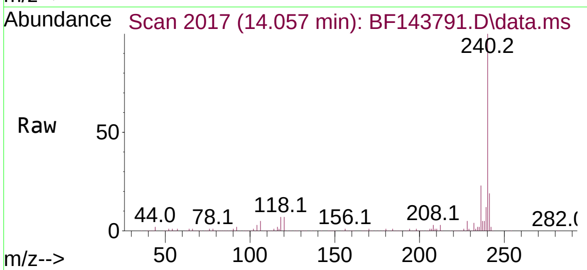
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF143791.D
Acq: 23 Sep 2025 10:28

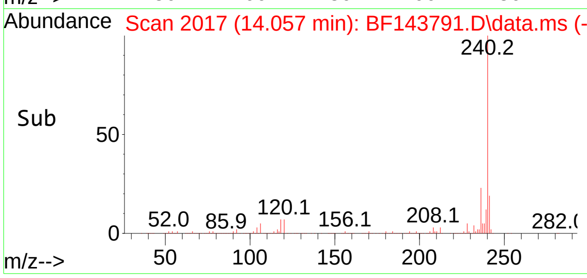
Tgt Ion:188 Resp: 422227

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.2	12.2
80	11.0	8.6	12.8



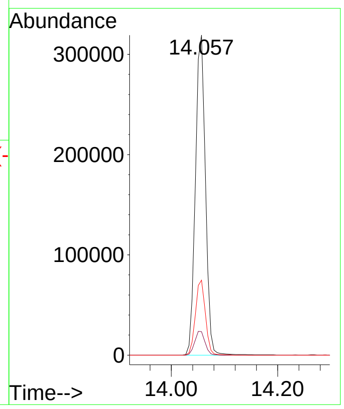


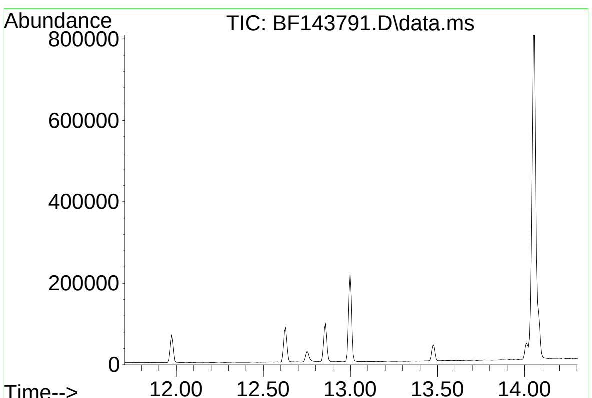




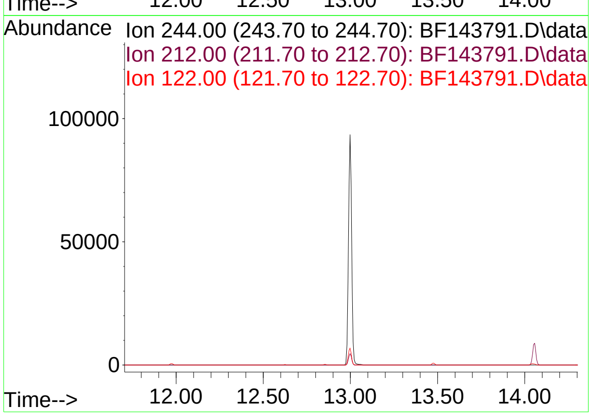

```
#76
Chrysene-d12
Concen:   20.000 ng
RT:  14.057 min  Scan# 20
Delta R.T.  -0.006 min
Lab File:   BF143791.D
Acq: 23 Sep 2025  10:28

Tgt Ion:240 Resp:  419162
Ion  Ratio  Lower  Upper
240  100
120    7.3    6.2    9.4
236   23.4   19.4   29.2
```

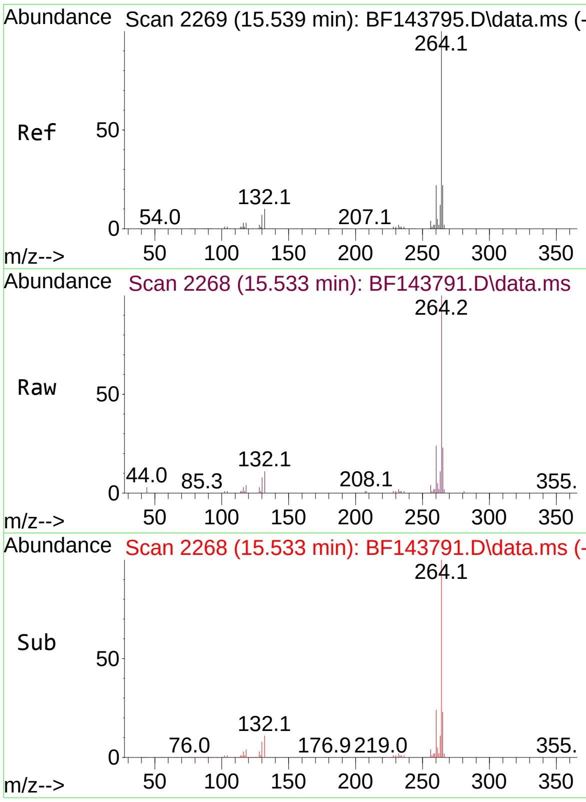
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5






```
#79
Terphenyl-d14
Concen:    0.000 ng
Expected RT: 13.00 min

Lab File:   BF143791.D
Acq: 23 Sep 2025  10:28

Tgt Ion: 244
Sig     Exp Ratio
244       100
212         4.9
122         7.0
```



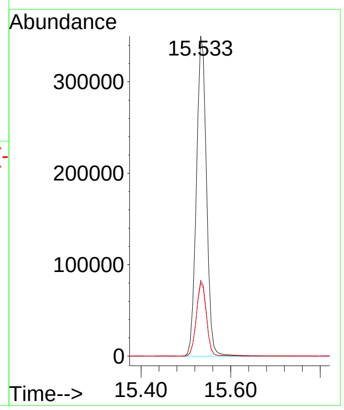


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143791.D
Acq: 23 Sep 2025 10:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:264 Resp: 547725

Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.9	26.9
265	22.8	17.7	26.5



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
Data File : BF143792.D
Acq On : 23 Sep 2025 10:58
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC005

Quant Time: Sep 24 04:31:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 23 17:50:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	6.886	152	137641	20.000 ng	0.00
21) Naphthalene-d8	8.169	136	513746	20.000 ng	0.00
39) Acenaphthene-d10	9.922	164	252917	20.000 ng	0.00
64) Phenanthrene-d10	11.410	188	379147	20.000 ng	0.00
76) Chrysene-d12	14.057	240	398321	20.000 ng	0.00
86) Perylene-d12	15.533	264	555053	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
2) 1,4-Dioxane	2.640	88	20444	5.042 ng	99
3) Pyridine	3.416	79	54556	4.984 ng	97
6) Aniline	6.545	93	78570	5.530 ng	97
8) 2-Chlorophenol	6.663	128	44880	5.175 ng	99
10) Phenol	6.510	94	60619	5.328 ng	98
11) bis(2-Chloroethyl)ether	6.616	93	47743	5.353 ng	97
12) 1,3-Dichlorobenzene	6.828	146	55825	5.544 ng	99
13) 1,4-Dichlorobenzene	6.904	146	56211	5.594 ng	100
14) 1,2-Dichlorobenzene	7.057	146	53628	5.635 ng	97
16) 2,2'-oxybis(1-Chloropr...	7.157	45	114228	5.401 ng	99
17) 2-Methylphenol	7.122	107	35529	5.291 ng	98
18) Hexachloroethane	7.398	117	19083	5.400 ng	97
19) n-Nitroso-di-n-propyla...	7.286	70	34084	5.415 ng	99
22) Acetophenone	7.286	105	64220	5.691 ng	99
24) Nitrobenzene	7.457	77	46458	4.994 ng	98
25) Isophorone	7.698	82	85608	5.234 ng	99
26) 2-Nitrophenol	7.781	139	11396	5.528 ng	97
27) 2,4-Dimethylphenol	7.810	122	37440	5.122 ng	100
28) bis(2-Chloroethoxy)met...	7.910	93	58456	5.501 ng	98
29) 2,4-Dichlorophenol	8.016	162	35586	4.947 ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	40333	5.403 ng	99
31) Naphthalene	8.186	128	135838	5.523 ng	100
33) 4-Chloroaniline	8.233	127	46191	5.345 ng	98
34) Hexachlorobutadiene	8.310	225	29187	5.245 ng	99
36) 4-Chloro-3-methylphenol	8.704	107	34756	5.152 ng	95
37) 2-Methylnaphthalene	8.880	142	88002	5.612 ng	100
38) 1-Methylnaphthalene	8.980	142	84197	5.609 ng	98
40) 1,2,4,5-Tetrachloroben...	9.045	216	41527	5.441 ng	99
43) 2,4,6-Trichlorophenol	9.151	196	21768	4.555 ng	97
44) 2,4,5-Trichlorophenol	9.186	196	23454	4.692 ng	96
46) 1,1'-Biphenyl	9.345	154	101651	5.552 ng	100
47) 2-Chloronaphthalene	9.369	162	81117	5.504 ng	99
48) 2-Nitroaniline	9.457	65	15262	3.427 ng	93
49) Acenaphthylene	9.786	152	109327	5.389 ng	99
50) Dimethylphthalate	9.633	163	80614	5.229 ng	99
51) 2,6-Dinitrotoluene	9.698	165	8744	3.452 ng	95

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
Data File : BF143792.D
Acq On : 23 Sep 2025 10:58
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Sep 24 04:31:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 23 17:50:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
52) Acenaphthene	9.957	154	71713	5.372 ng		97
53) 3-Nitroaniline	9.869	138	10825	3.526 ng	#	89
55) Dibenzofuran	10.127	168	104283	5.524 ng		99
57) 2,4-Dinitrotoluene	10.098	165	9518	5.298 ng	#	84
58) Fluorene	10.469	166	80629	5.745 ng		99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	17203	4.017 ng	#	98
60) Diethylphthalate	10.339	149	73247	5.076 ng		99
61) 4-Chlorophenyl-phenyle...	10.463	204	39239	5.487 ng		98
62) 4-Nitroaniline	10.474	138	10259	3.554 ng		96
63) Azobenzene	10.621	77	79697	5.240 ng		98
66) n-Nitrosodiphenylamine	10.580	169	67054	5.378 ng		99
67) 4-Bromophenyl-phenylether	10.957	248	32607	5.047 ng		97
68) Hexachlorobenzene	11.021	284	46642	5.238 ng		100
69) Atrazine	11.104	200	16909	4.683 ng		96
71) Phenanthrene	11.433	178	108554	5.577 ng		98
72) Anthracene	11.486	178	103911	5.322 ng		99
73) Carbazole	11.639	167	86827	5.086 ng		100
74) Di-n-butylphthalate	11.974	149	89101	4.538 ng		100
75) Fluoranthene	12.627	202	96550	4.932 ng		99
78) Pyrene	12.857	202	103385	5.279 ng		99
80) Butylbenzylphthalate	13.474	149	25033	3.695 ng		97
81) Benzo(a)anthracene	14.045	228	110473	5.163 ng		99
83) Chrysene	14.080	228	103643	5.353 ng		99
84) Bis(2-ethylhexyl)phtha...	14.039	149	42651	4.295 ng		98
87) Indeno(1,2,3-cd)pyrene	17.021	276	205787	4.886 ng		98
88) Benzo(b)fluoranthene	15.098	252	137015	4.847 ng		99
89) Benzo(k)fluoranthene	15.127	252	147201	5.184 ng		99
90) Benzo(a)pyrene	15.468	252	128819	4.848 ng		98
91) Dibenzo(a,h)anthracene	17.039	278	167469	4.862 ng		99
92) Benzo(g,h,i)perylene	17.468	276	157425	4.741 ng		99

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

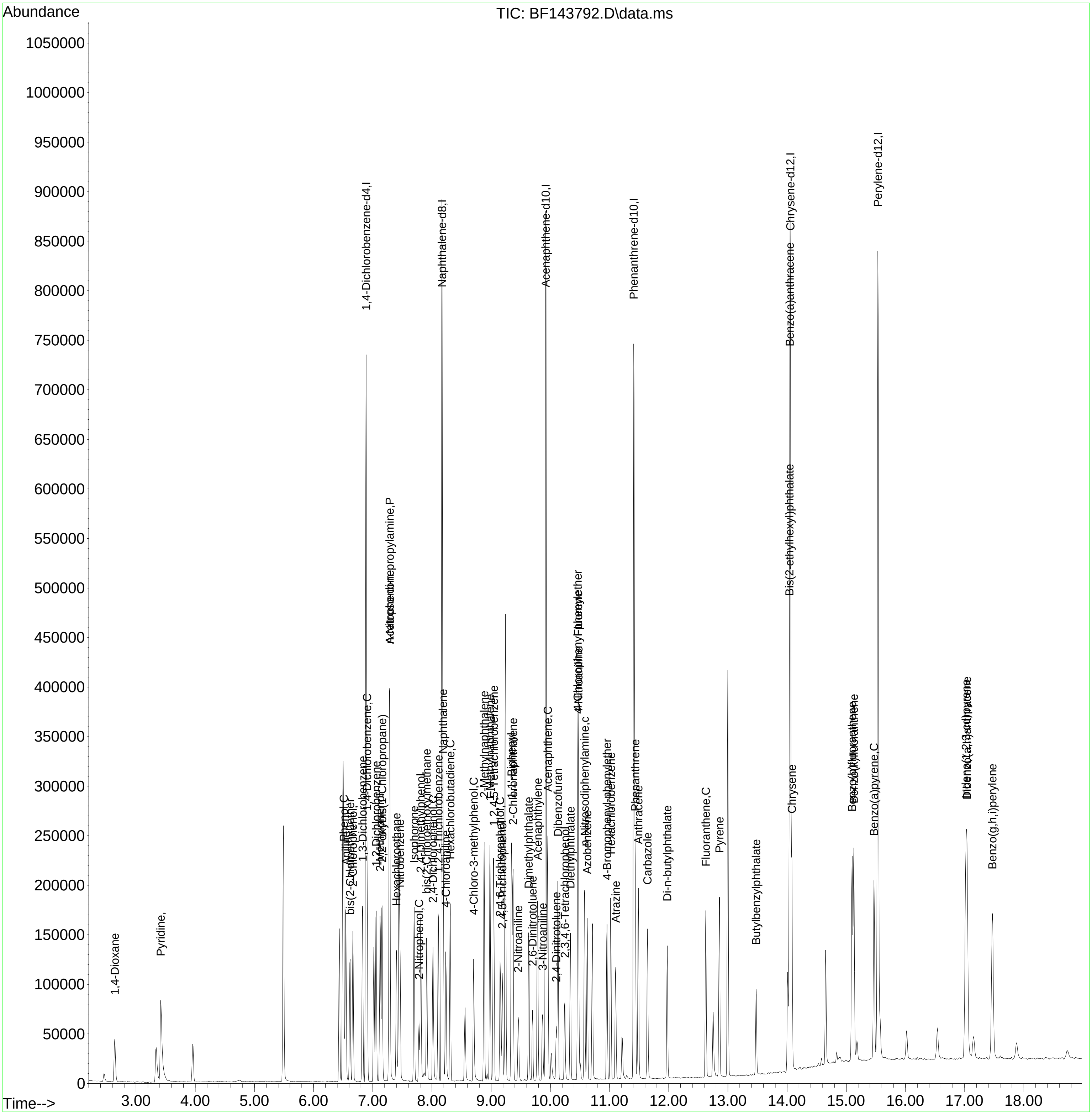
Quantitation Report (QT Reviewed)

ICAL Form

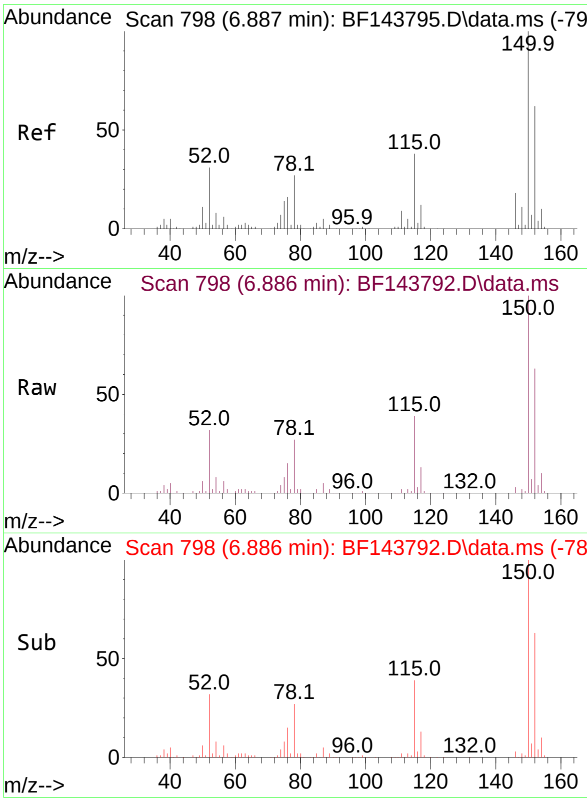
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
Data File : BF143792.D
Acq On : 23 Sep 2025 10:58
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Sep 24 04:31:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 23 17:50:26 2025
Response via : Initial Calibration



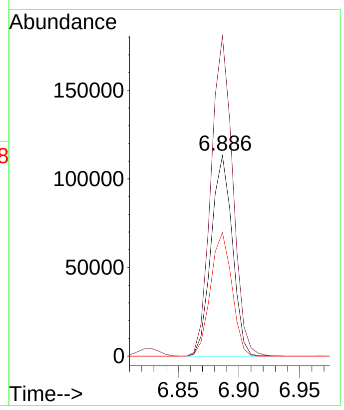
Instrument : BNA_F
ClientSampleId : SSTDICC005

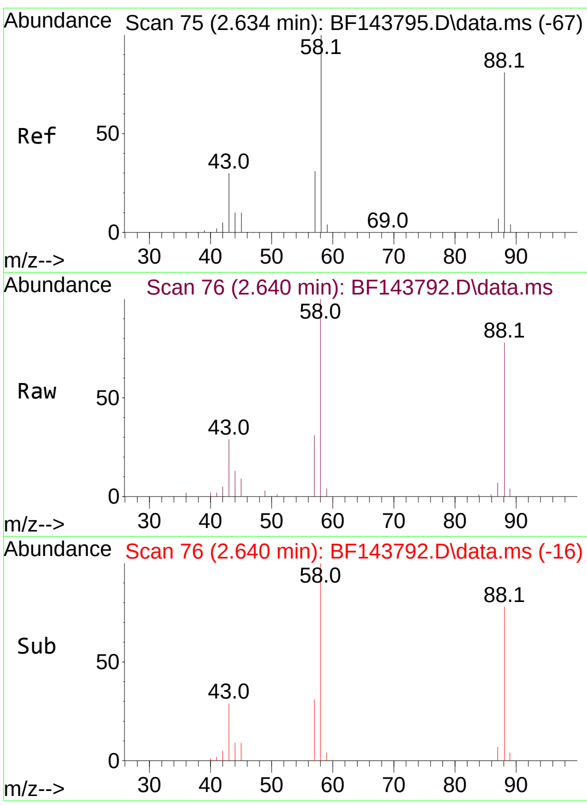


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 79
Delta R.T. -0.001 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion:152 Resp: 137641

Ion	Ratio	Lower	Upper
152	100		
150	159.5	129.6	194.4
115	61.6	49.0	73.4

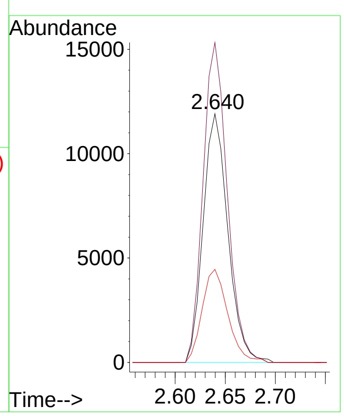


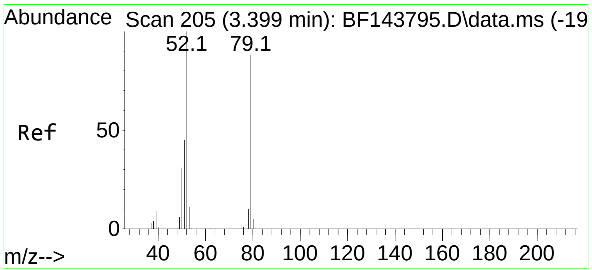


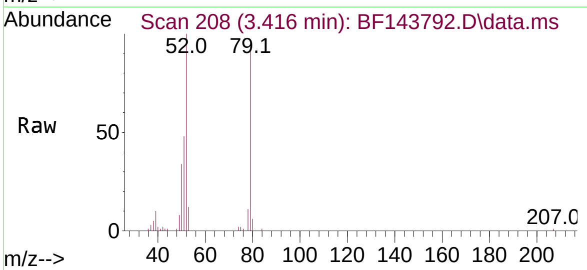
#2
1,4-Dioxane
Concen: 5.042 ng
RT: 2.640 min Scan# 76
Delta R.T. 0.006 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

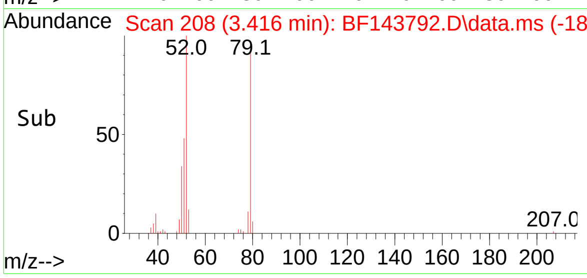
Tgt Ion: 88 Resp: 20444

Ion	Ratio	Lower	Upper
88	100		
58	126.0	99.4	149.2
43	38.9	30.6	45.8







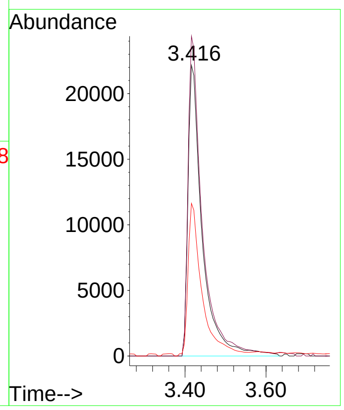


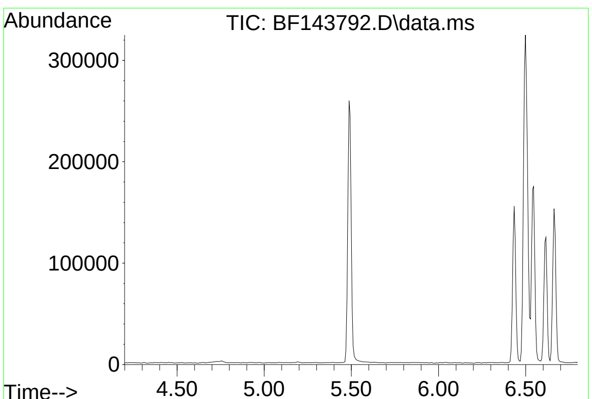
#3
Pyridine
Concen: 4.984 ng
RT: 3.416 min   Scan# 20
Delta R.T.   0.018 min
Lab File: BF143792.D
Acq: 23 Sep 2025   10:58

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 79 Resp: 54556

Ion	Ratio	Lower	Upper
79	100		
52	110.0	90.5	135.7
51	52.5	40.6	61.0



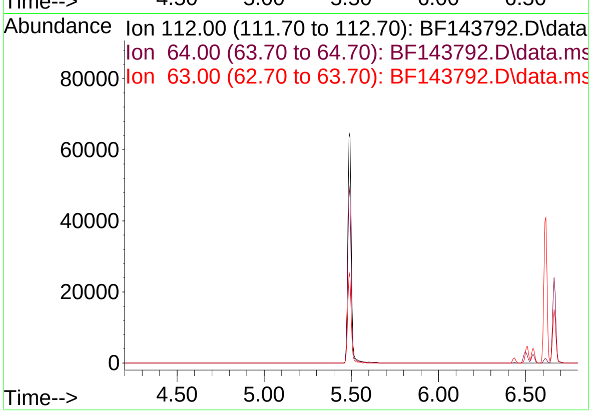


#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.50 min

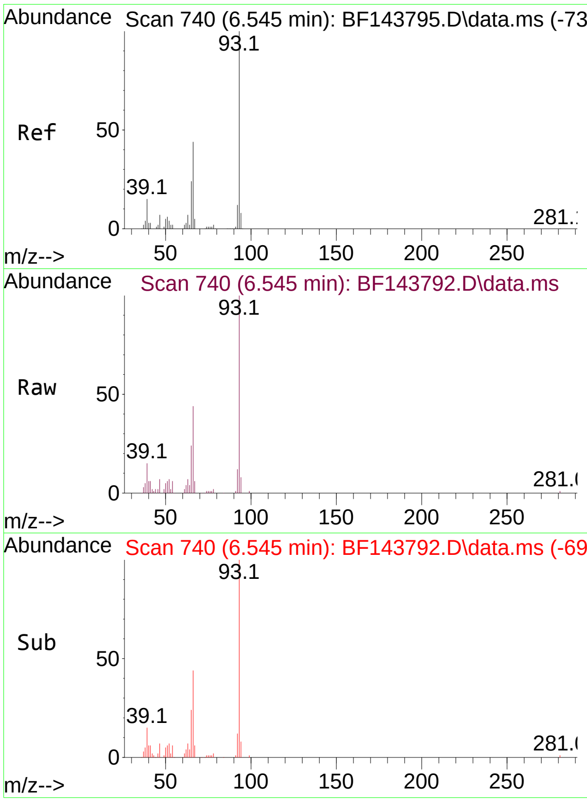
Lab File: BF143792.D
Acq: 23 Sep 2025   10:58

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	78.7
63	40.8



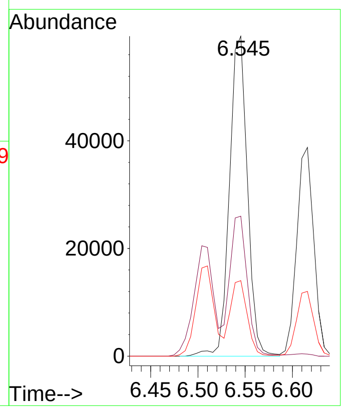
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

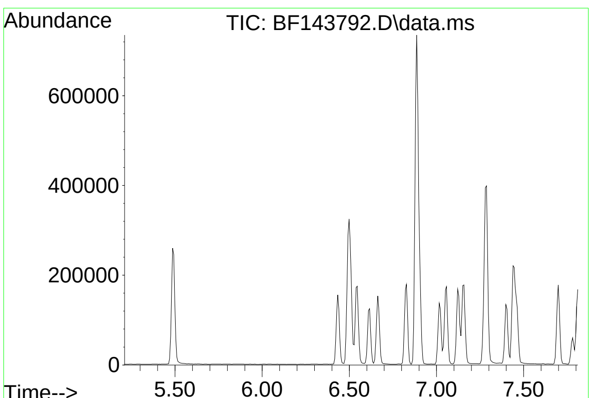


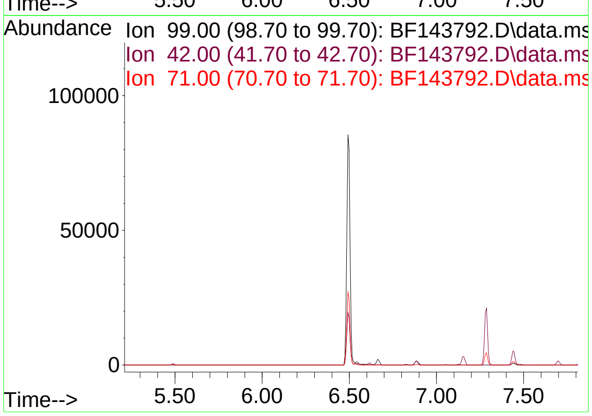
#6
Aniline
Concen: 5.530 ng
RT: 6.545 min Scan# 74
Delta R.T.   -0.006 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion: 93 Resp: 78570

Ion	Ratio	Lower	Upper
93	100		
66	43.7	37.1	55.7
65	23.6	19.4	29.0







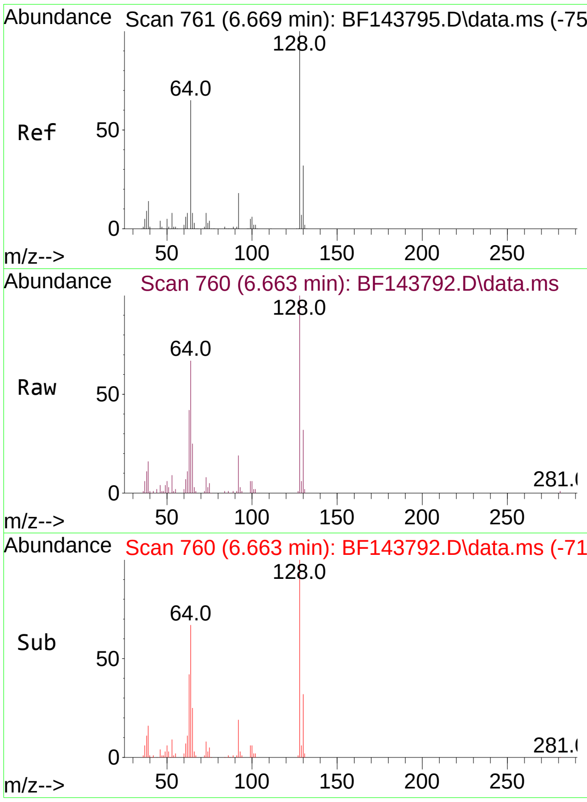
#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.51 min

Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion: 99

Sig	Exp Ratio
99	100
42	23.3
71	33.7

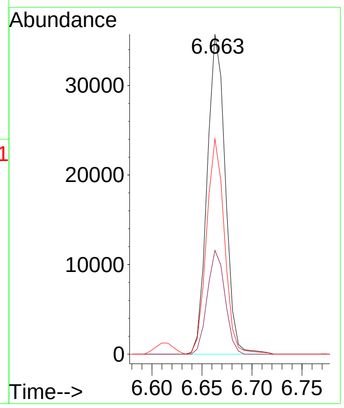
Instrument : BNA_F
ClientSampleId : SSTDICC005

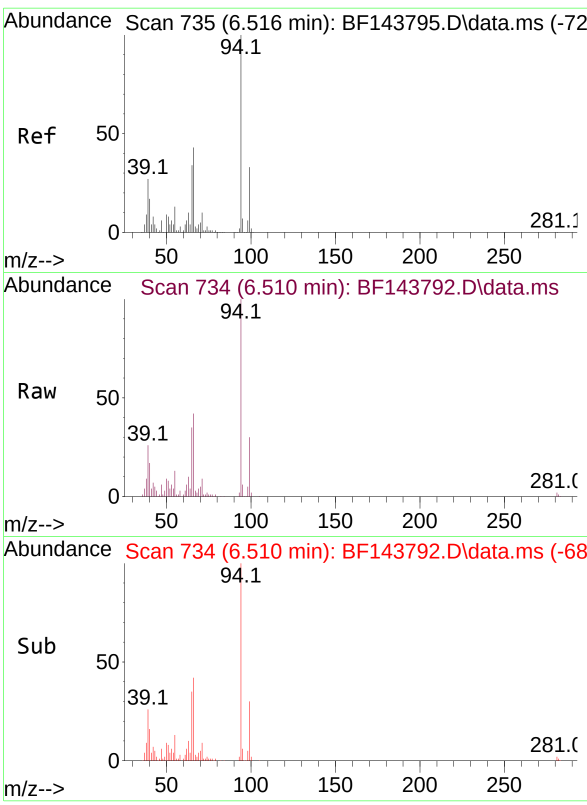


#8
2-Chlorophenol
Concen: 5.175 ng
RT: 6.663 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion:128 Resp: 44880

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.2	52.2
64	67.3	46.5	86.5

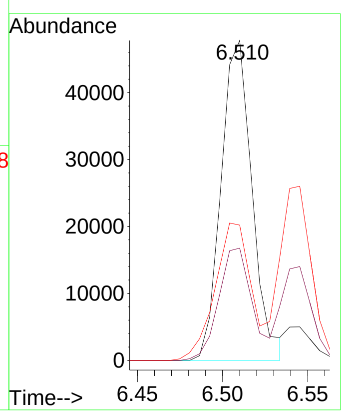




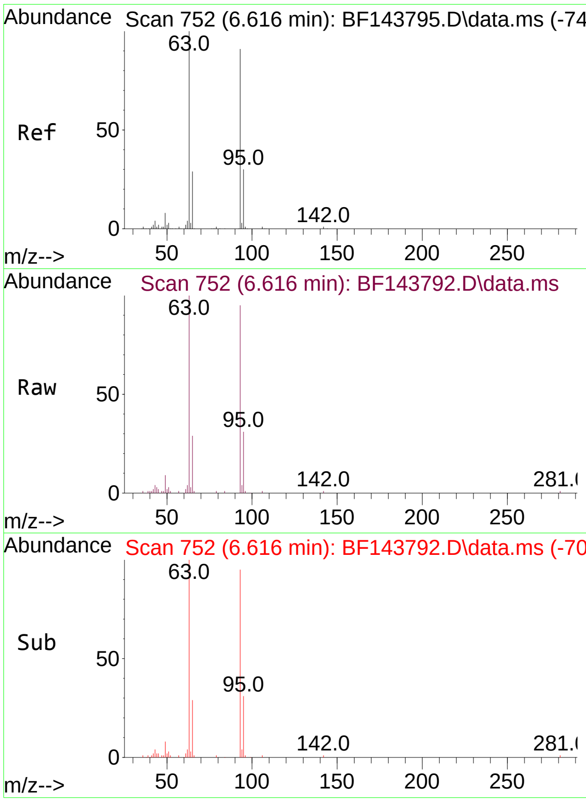
#10
Phenol
Concen: 5.328 ng
RT: 6.510 min Scan# 734
Delta R.T. -0.018 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion: 94 Resp: 60619

Ion	Ratio	Lower	Upper
94	100		
65	35.1	14.2	54.2
66	42.3	24.1	64.1



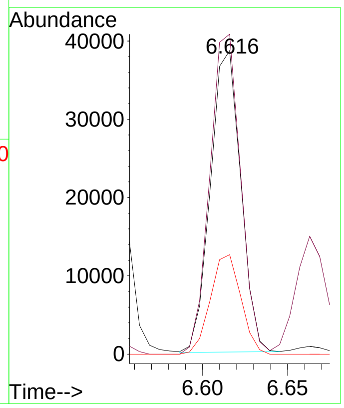
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

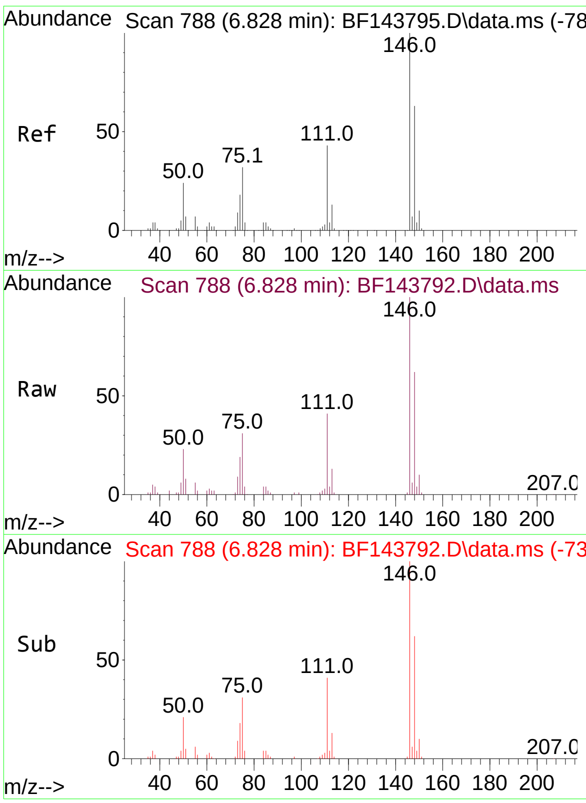


#11
bis(2-Chloroethyl)ether
Concen: 5.353 ng
RT: 6.616 min Scan# 7!
Delta R.T. -0.006 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion: 93 Resp: 47743

Ion	Ratio	Lower	Upper
93	100		
63	105.4	89.2	129.2
95	32.8	12.9	52.9

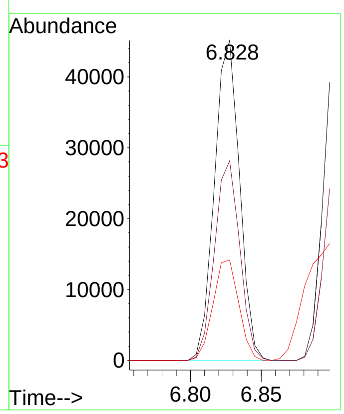




#12
1,3-Dichlorobenzene
Concen: 5.544 ng
RT: 6.828 min Scan# 788
Delta R.T. -0.000 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

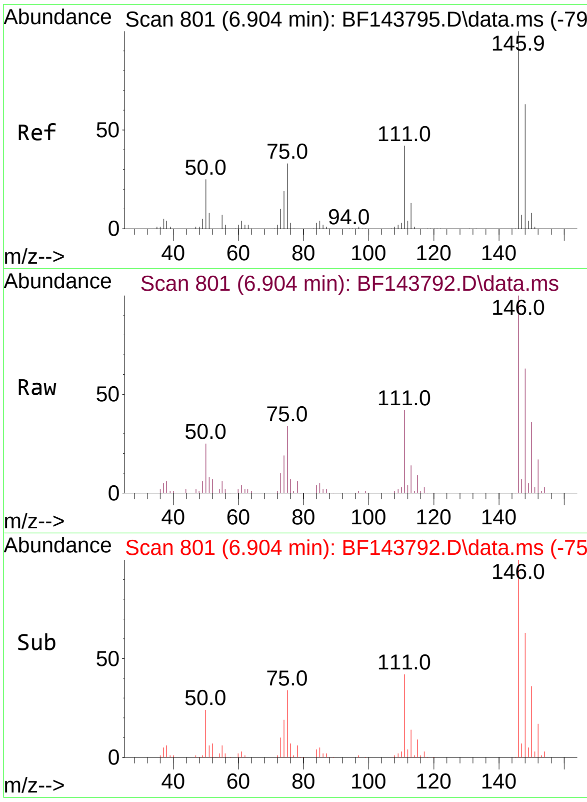
Tgt Ion:146 Resp: 55825

Ion	Ratio	Lower	Upper
146	100		
148	62.4	50.4	75.6
75	31.4	25.6	38.4



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

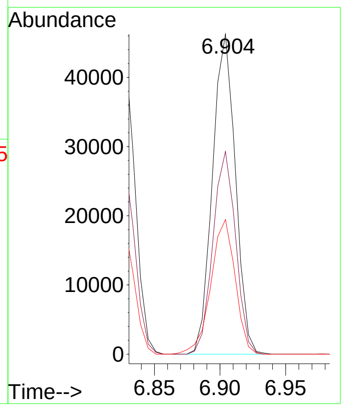
Instrument : BNA_F
ClientSampleId : SSTDICC005

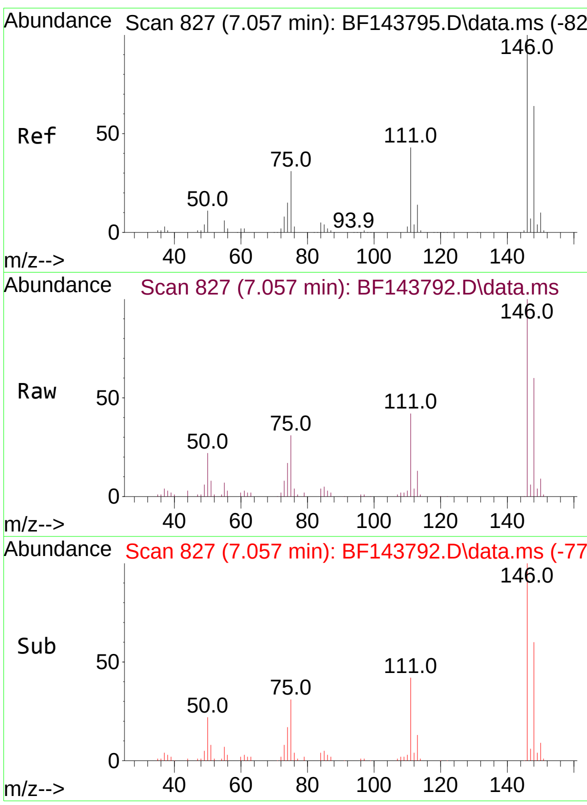


#13
1,4-Dichlorobenzene
Concen: 5.594 ng
RT: 6.904 min Scan# 801
Delta R.T. -0.000 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion:146 Resp: 56211

Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.7	76.1
111	42.0	33.4	50.2

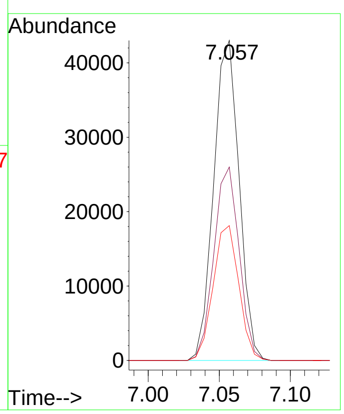




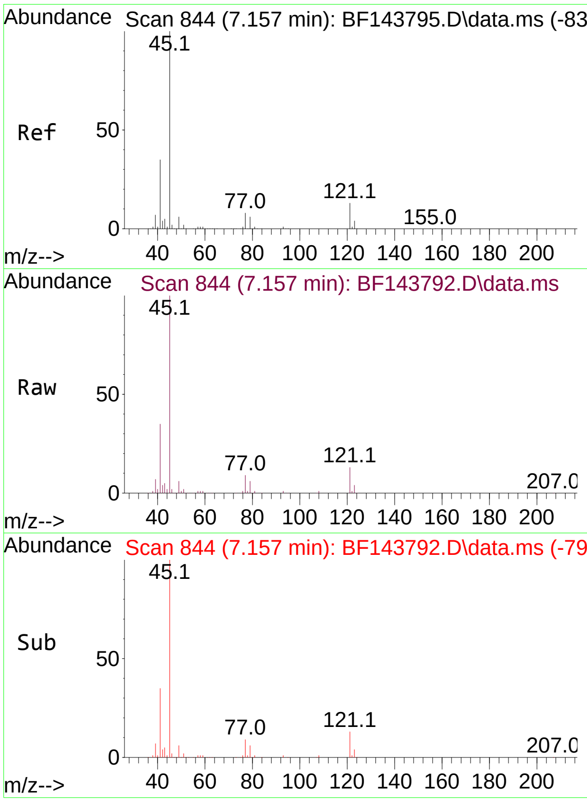
#14
1,2-Dichlorobenzene
Concen: 5.635 ng
RT: 7.057 min Scan# 827
Delta R.T. -0.000 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion:146 Resp: 53628

Ion	Ratio	Lower	Upper
146	100		
148	60.4	51.1	76.7
111	42.1	34.3	51.5



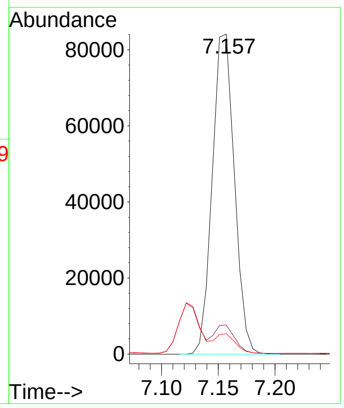
Instrument : BNA_F
ClientSampleId : SSTDICC005

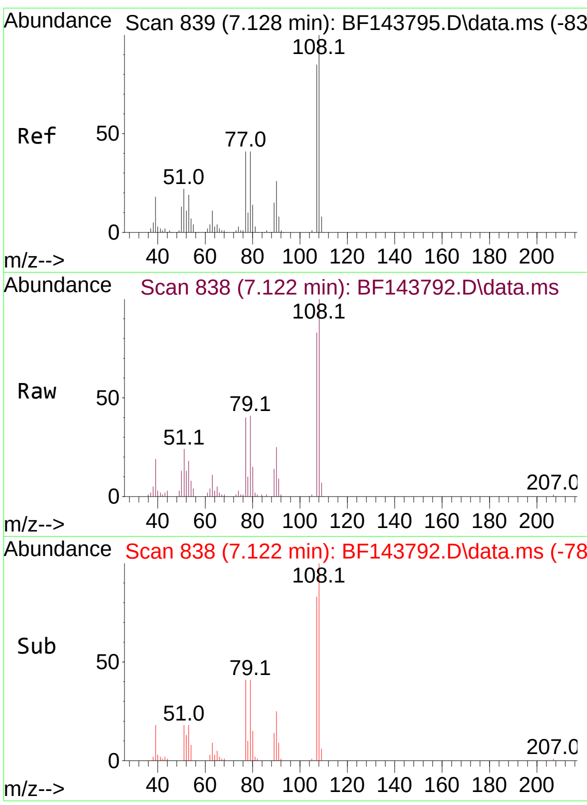


#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.401 ng
RT: 7.157 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion: 45 Resp: 114228

Ion	Ratio	Lower	Upper
45	100		
77	9.1	0.0	28.5
79	6.4	0.0	26.3

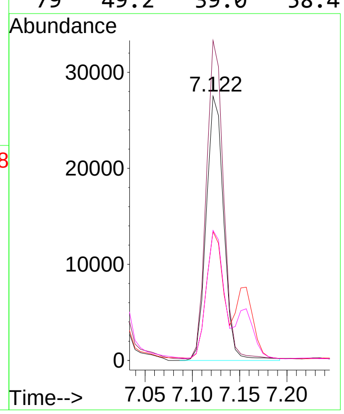




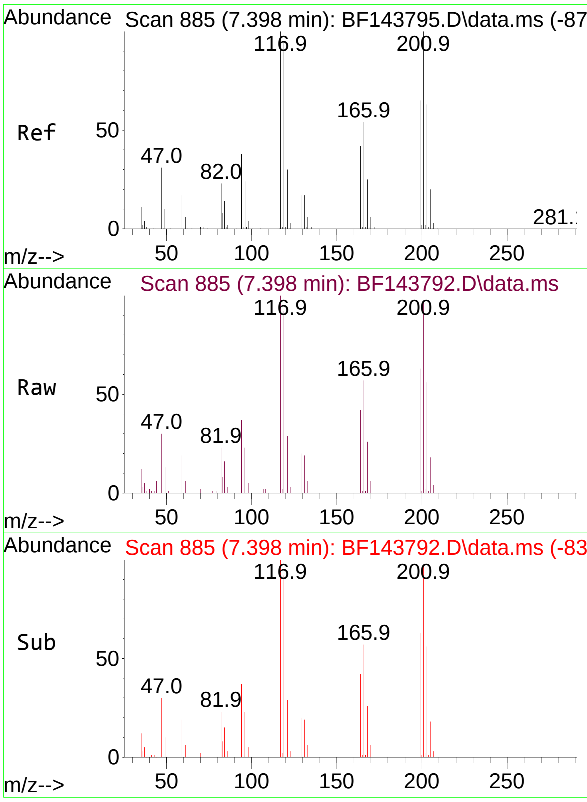
#17
2-Methylphenol
Concen: 5.291 ng
RT: 7.122 min Scan# 838
Delta R.T. -0.012 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion:107 Resp: 35529

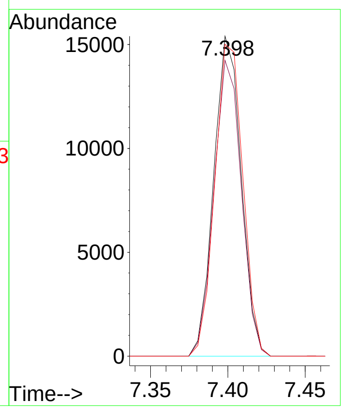
Ion	Ratio	Lower	Upper
107	100		
108	121.1	94.2	141.4
77	48.8	38.6	58.0
79	49.2	39.0	58.4

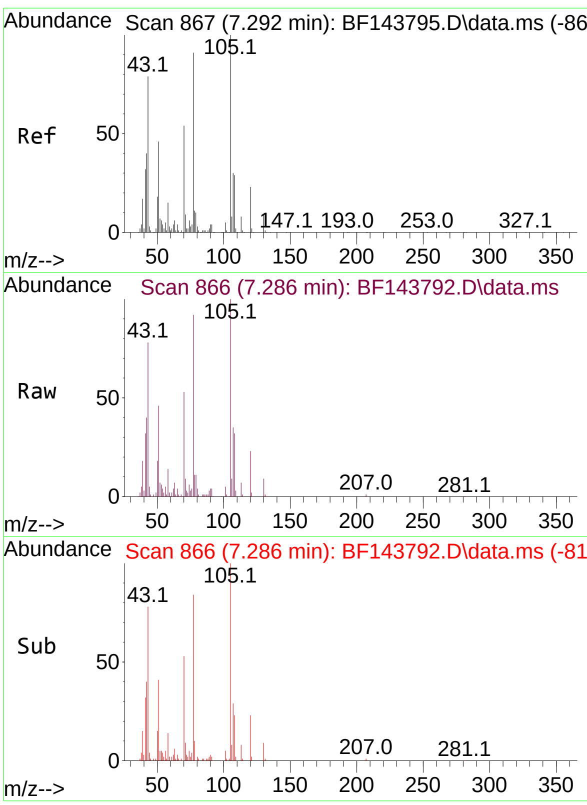


Instrument :
BNA_F
ClientSampleId :
SSTDICC005

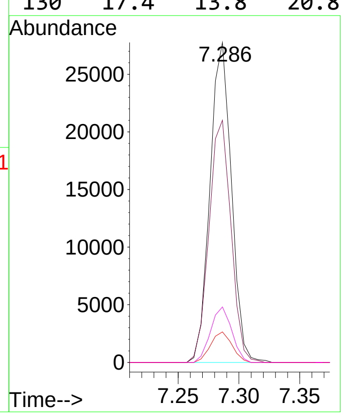


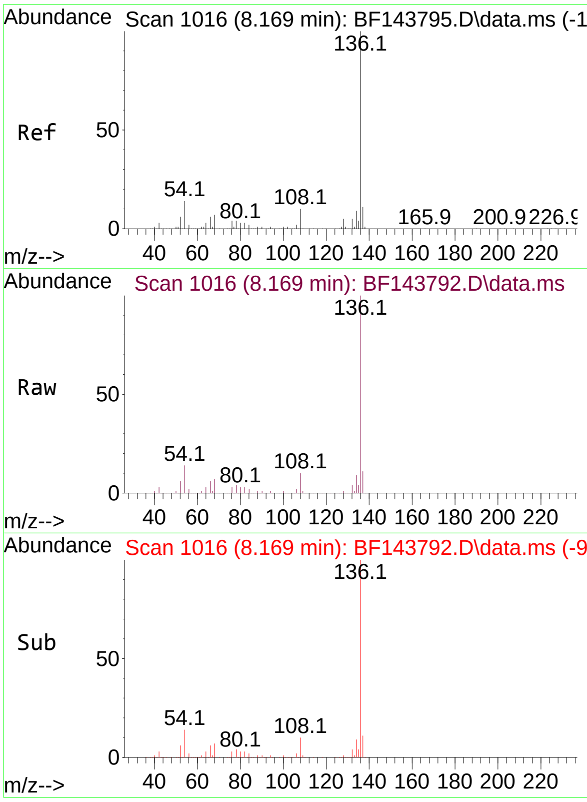

```
#18
Hexachloroethane
Concen:    5.400 ng
RT:   7.398 min  Scan# 885
Delta R.T.   -0.006 min
Lab File:   BF143792.D
Acq: 23 Sep 2025   10:58

Tgt Ion:117 Resp:   19083
Ion  Ratio  Lower  Upper
117  100
119   92.4   76.2  114.2
201   97.4   79.7  119.5
```






```
#19
n-Nitroso-di-n-propylamine
Concen:    5.415 ng
RT:   7.286 min  Scan# 866
Delta R.T.   -0.018 min
Lab File:   BF143792.D
Acq: 23 Sep 2025   10:58

Tgt Ion: 70 Resp:   34084
Ion  Ratio  Lower  Upper
 70  100
 42   75.7   59.4   89.0
101    9.5    7.1   10.7
130   17.4   13.8   20.8
```



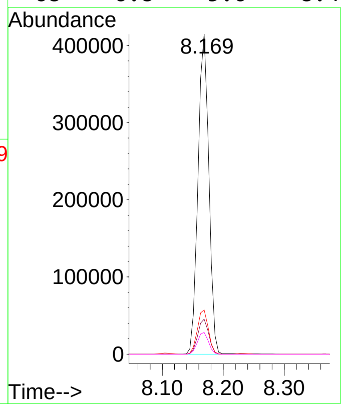


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:136 Resp: 513746

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	13.8	11.2	16.8
68	6.8	5.6	8.4



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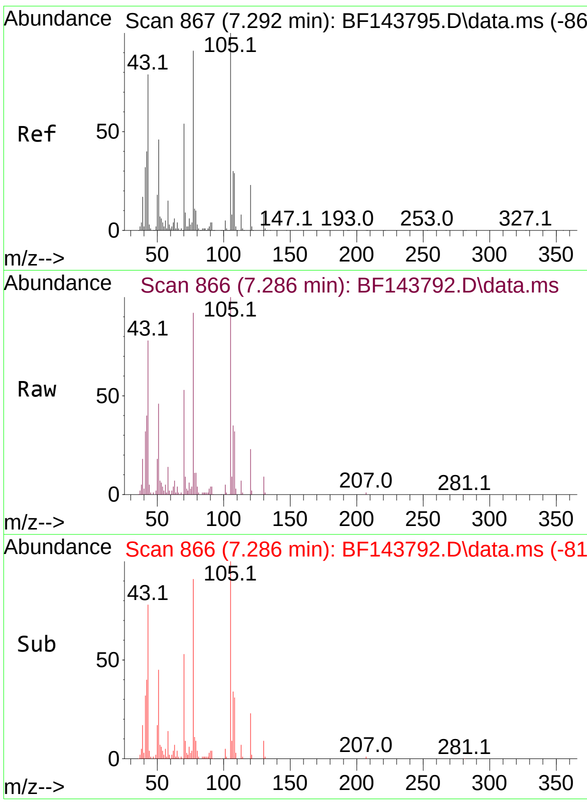
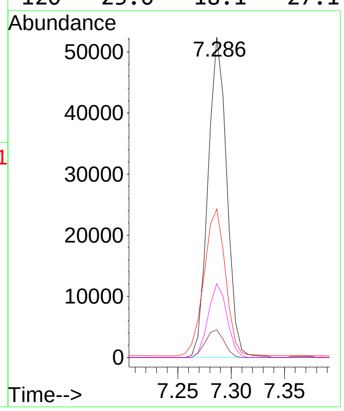


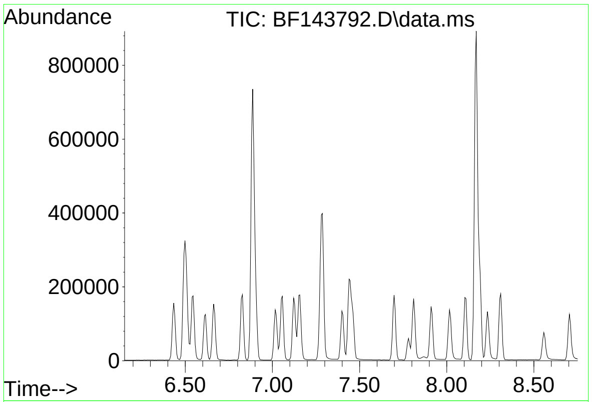
#22
Acetophenone
Concen: 5.691 ng
RT: 7.286 min Scan# 866
Delta R.T. -0.012 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

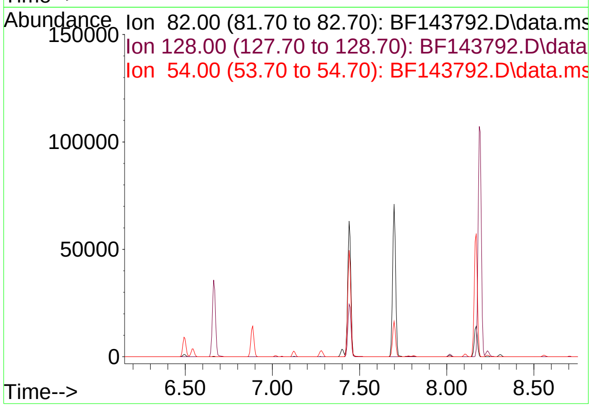
Tgt Ion:105 Resp: 64220

Ion	Ratio	Lower	Upper
105	100		
71	8.6	7.0	10.4
51	46.4	36.6	55.0
120	23.0	18.1	27.1



Instrument : BNA_F
ClientSampleId : SSTDICC005

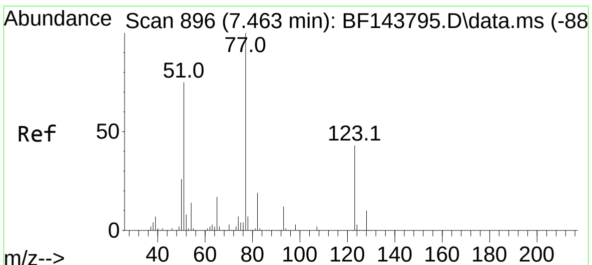


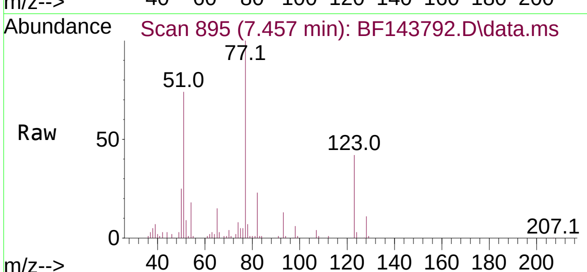


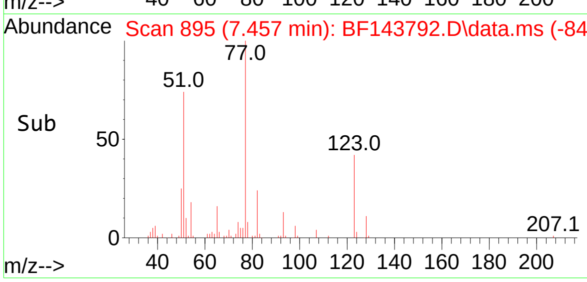

```
#23
Nitrobenzene-d5
Concen:    0.000 ng
Expected RT: 7.45 min

Lab File:   BF143792.D
Acq: 23 Sep 2025  10:58

Tgt Ion:  82
Sig     Exp Ratio
 82      100
128       41.6
 54       80.3
```

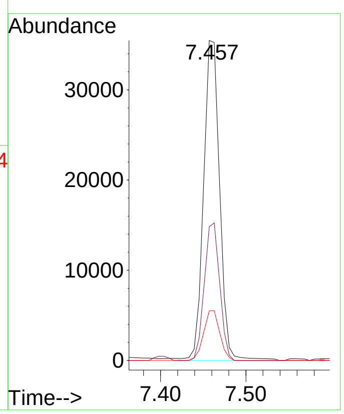






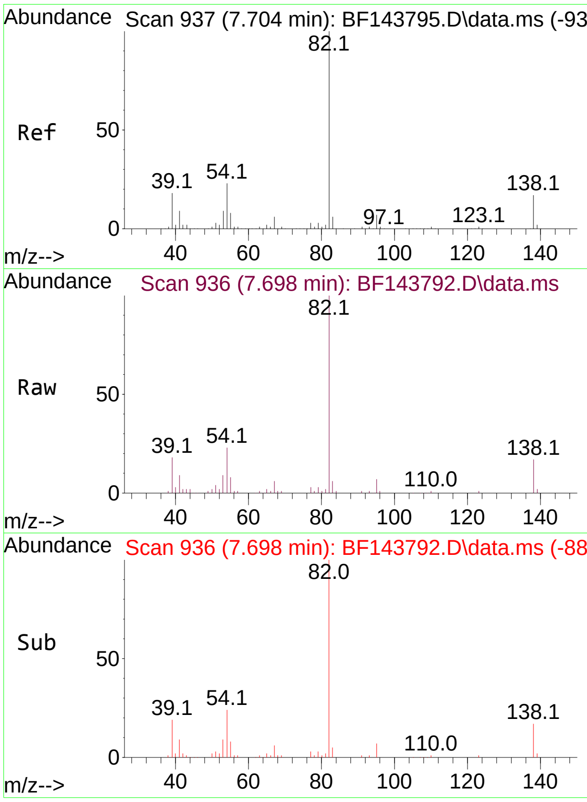

```
#24
Nitrobenzene
Concen:    4.994 ng
RT:   7.457 min   Scan# 895
Delta R.T.   -0.018 min
Lab File:   BF143792.D
Acq: 23 Sep 2025  10:58

Tgt Ion: 77 Resp:   46458
Ion  Ratio  Lower  Upper
 77  100
123   41.8   34.0   51.0
 65   15.5   13.5   20.3
```



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

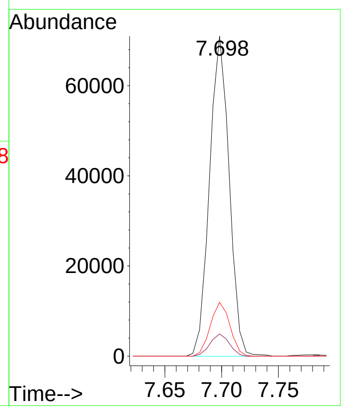
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

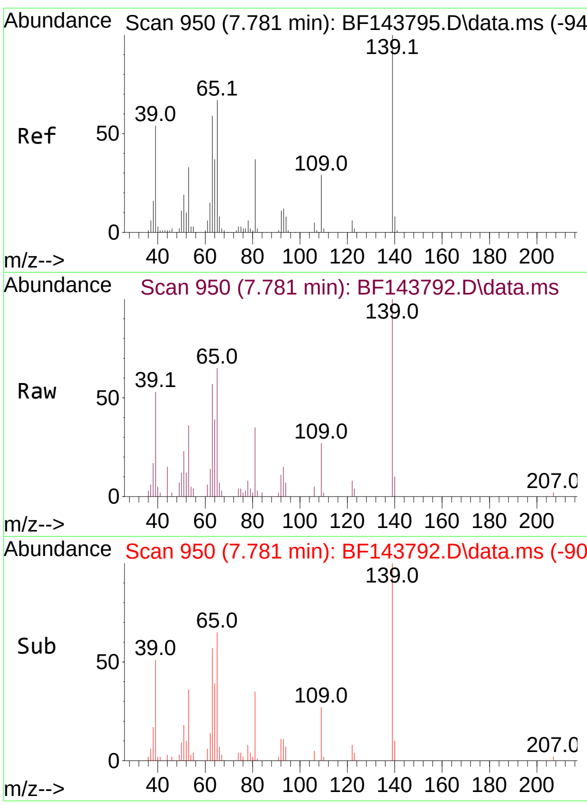


#25
Isophorone
Concen: 5.234 ng
RT: 7.698 min   Scan# 93
Delta R.T.   -0.012 min
Lab File: BF143792.D
Acq: 23 Sep 2025   10:58

Tgt Ion: 82 Resp: 85608

Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.4	8.2
138	16.8	13.7	20.5

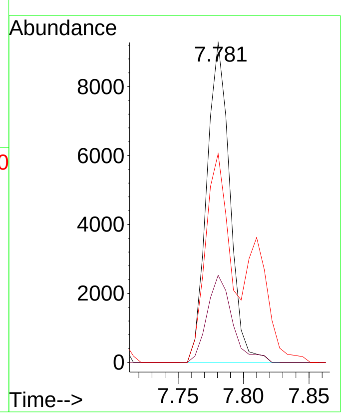




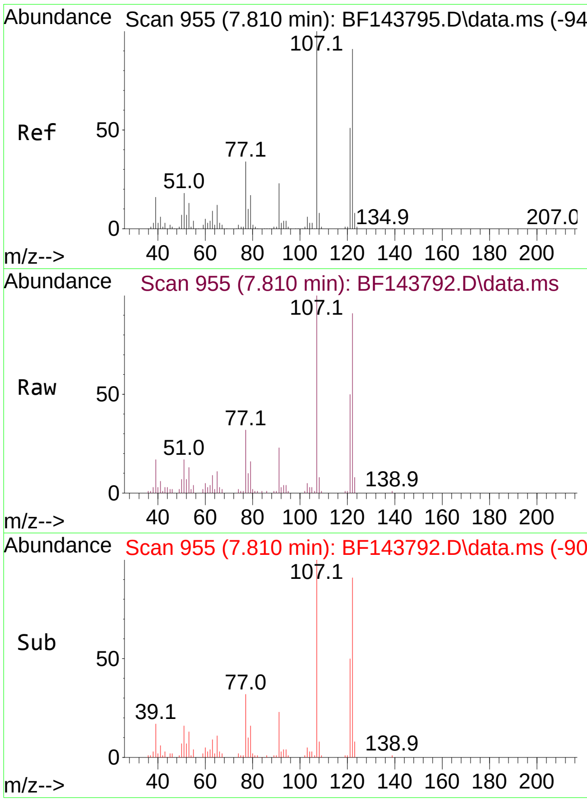
#26
2-Nitrophenol
Concen: 5.528 ng
RT: 7.781 min   Scan# 950
Delta R.T.   -0.005 min
Lab File: BF143792.D
Acq: 23 Sep 2025   10:58

Tgt Ion:139 Resp: 11396

Ion	Ratio	Lower	Upper
139	100		
109	27.2	23.3	34.9
65	65.2	53.8	80.6



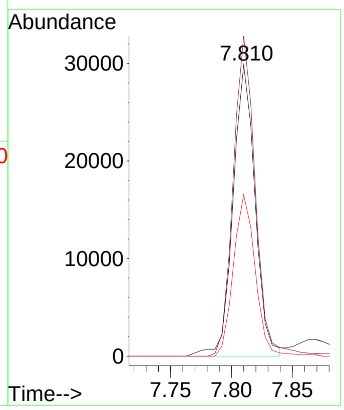
Instrument : BNA_F
ClientSampleId : SSTDICC005

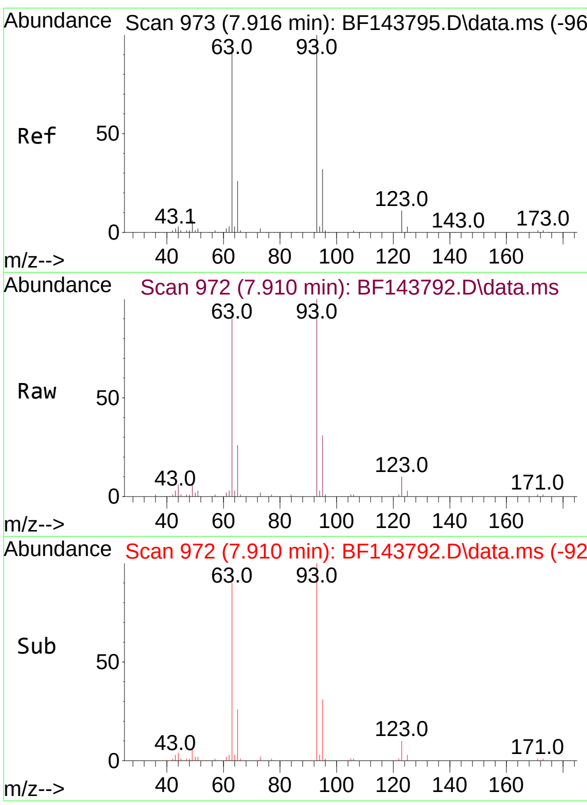


#27
2,4-Dimethylphenol
Concen: 5.122 ng
RT: 7.810 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion:122 Resp: 37440

Ion	Ratio	Lower	Upper
122	100		
107	110.0	87.5	131.3
121	55.5	44.2	66.4

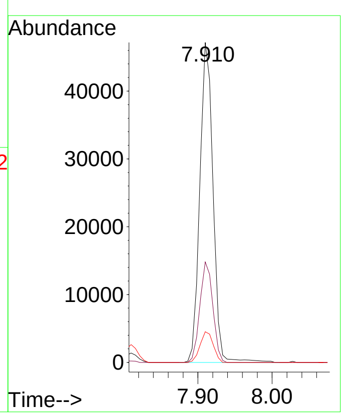




#28
bis(2-Chloroethoxy)methane
Concen: 5.501 ng
RT: 7.910 min Scan# 972
Delta R.T. -0.006 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion: 93 Resp: 58456

Ion	Ratio	Lower	Upper
93	100		
95	31.4	25.8	38.8
123	9.6	8.8	13.2



Instrument : BNA_F
ClientSampleId : SSTDICC005

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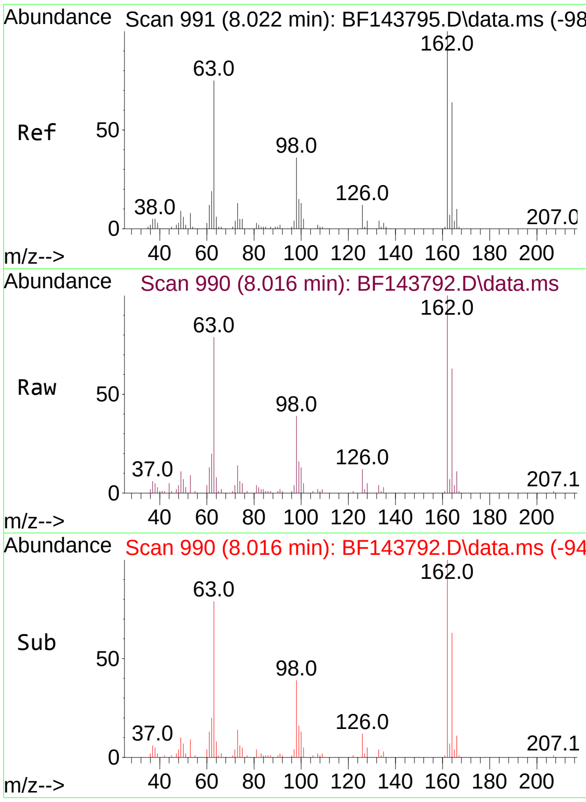
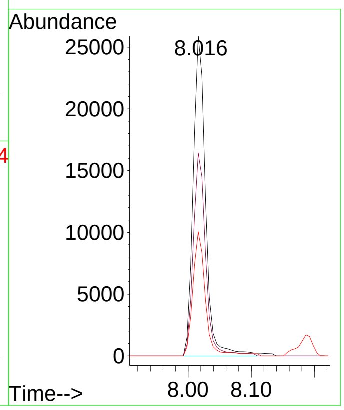
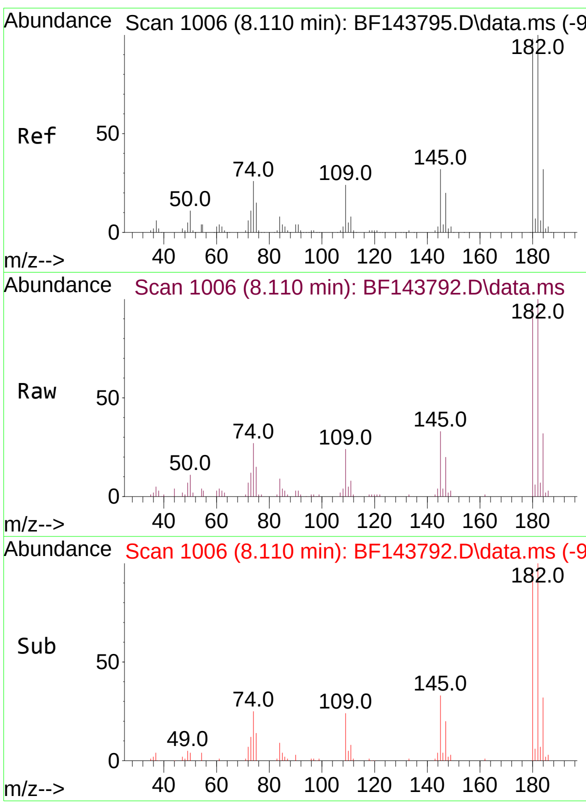


#29
2,4-Dichlorophenol
Concen: 4.947 ng
RT: 8.016 min Scan# 99
Delta R.T. -0.006 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion:162 Resp: 35586

Ion	Ratio	Lower	Upper
162	100		
164	63.3	44.1	84.1
98	38.7	15.8	55.8

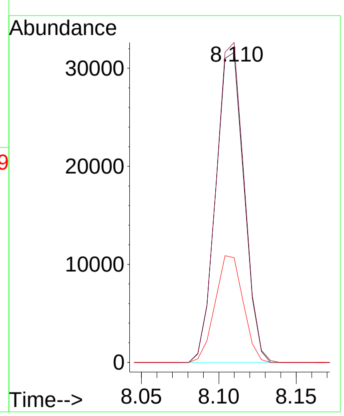




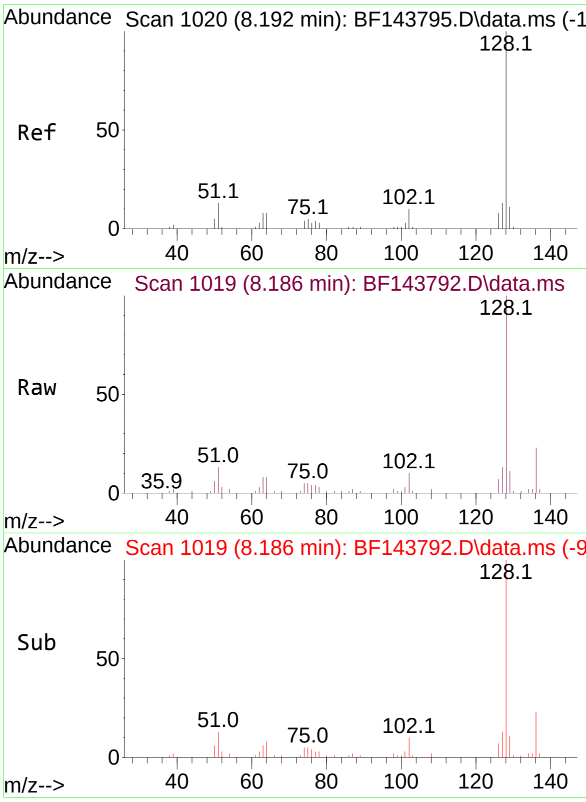
#30
1,2,4-Trichlorobenzene
Concen: 5.403 ng
RT: 8.110 min Scan# 1006
Delta R.T. -0.000 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion:180 Resp: 40333

Ion	Ratio	Lower	Upper
180	100		
182	103.2	82.0	123.0
145	33.8	25.9	38.9



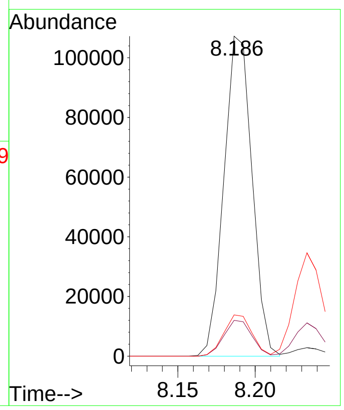
Instrument : BNA_F
ClientSampleId : SSTDICC005

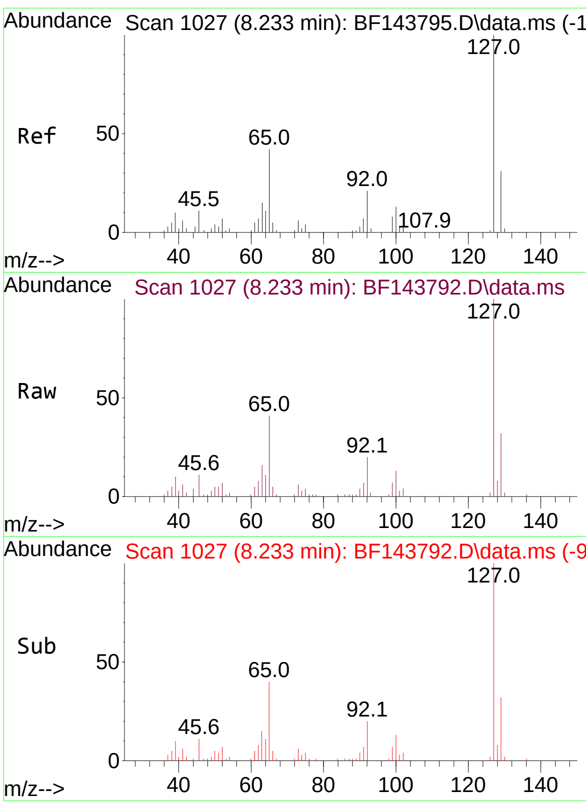


#31
Naphthalene
Concen: 5.523 ng
RT: 8.186 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion:128 Resp: 135838

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	12.9	10.2	15.4

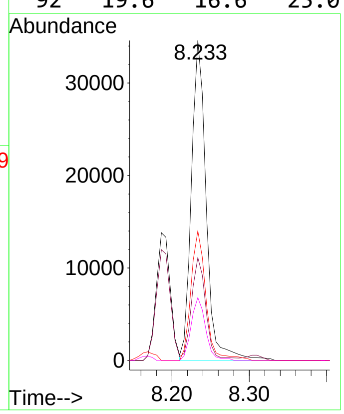




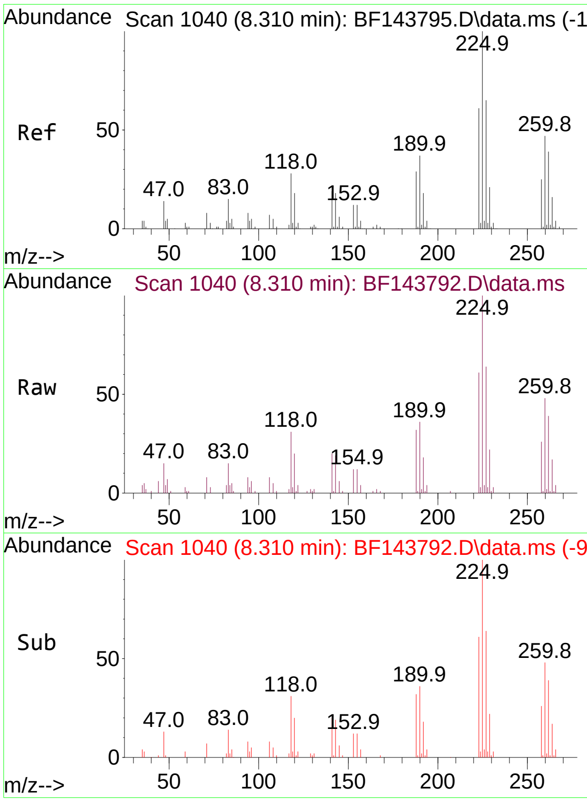
#33
4-Chloroaniline
Concen: 5.345 ng
RT: 8.233 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion:127 Resp: 46191

Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.4	38.2
65	40.5	33.4	50.2
92	19.6	16.6	25.0



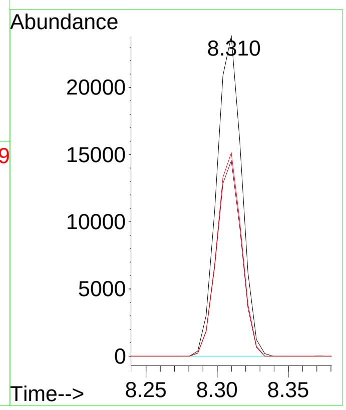
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

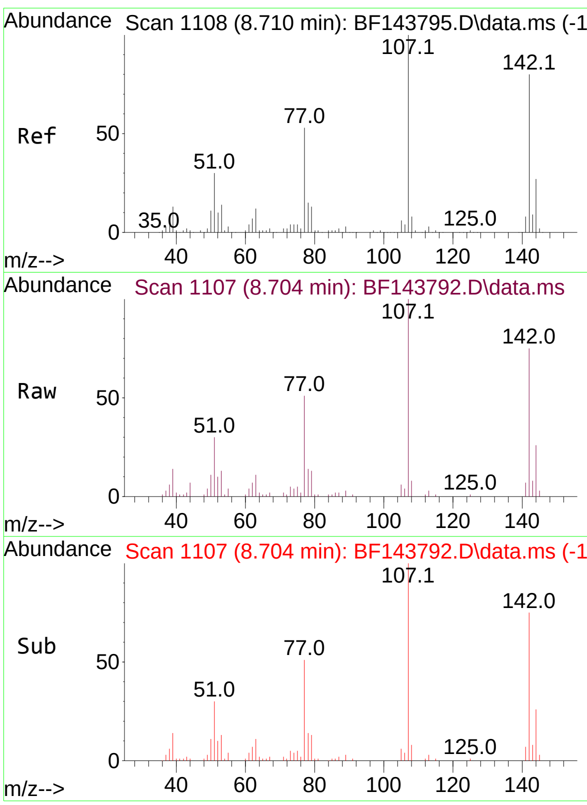


#34
Hexachlorobutadiene
Concen: 5.245 ng
RT: 8.310 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion:225 Resp: 29187

Ion	Ratio	Lower	Upper
225	100		
223	61.1	48.6	72.8
227	63.5	51.9	77.9

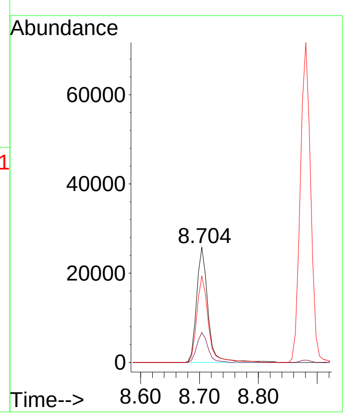




#36
4-Chloro-3-methylphenol
Concen: 5.152 ng
RT: 8.704 min Scan# 1107
Delta R.T. -0.006 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion:107 Resp: 34756

Ion	Ratio	Lower	Upper
107	100		
144	26.0	21.8	32.8
142	74.9	63.6	95.4



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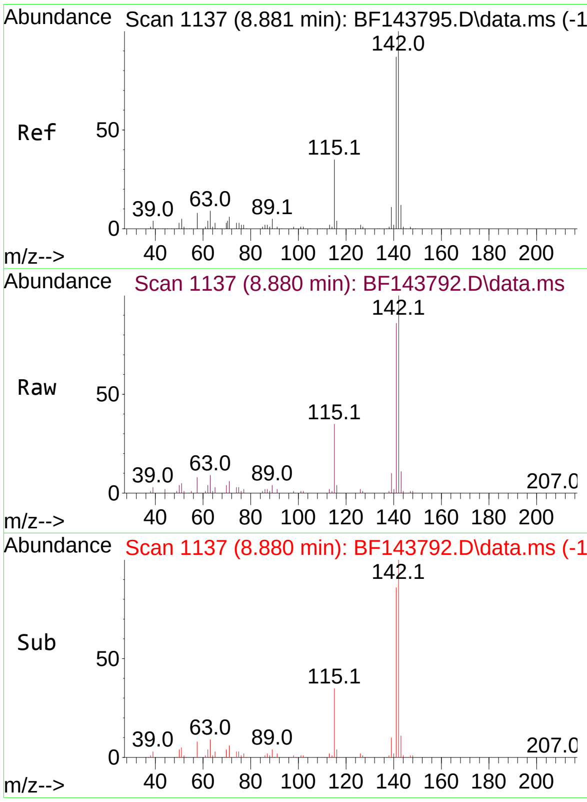
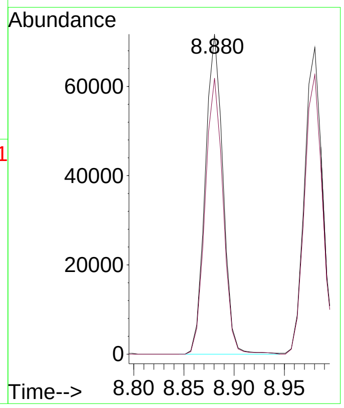
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

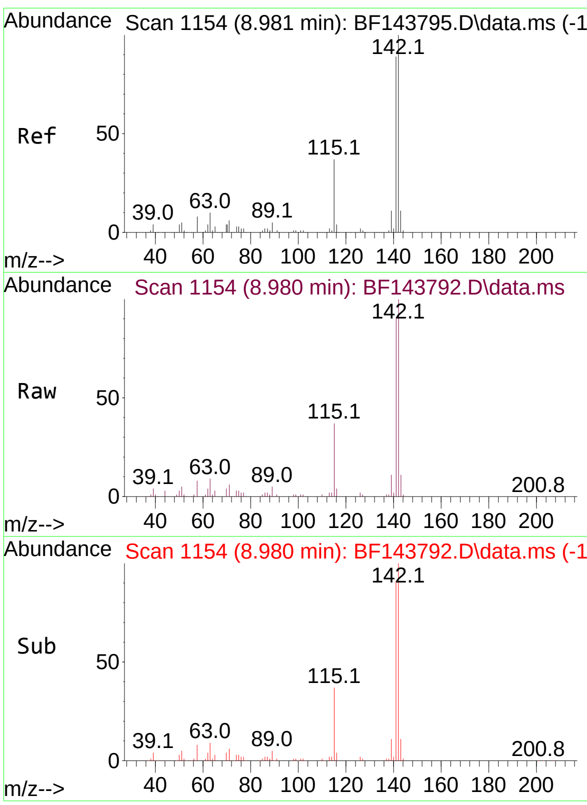


#37
2-Methylnaphthalene
Concen: 5.612 ng
RT: 8.880 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion:142 Resp: 88002

Ion	Ratio	Lower	Upper
142	100		
141	86.2	69.4	104.0

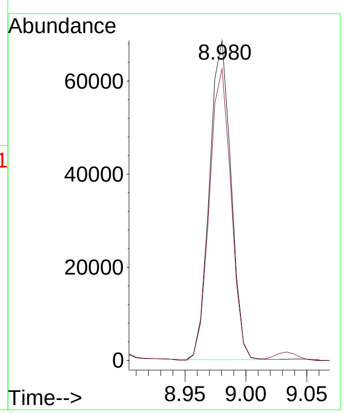




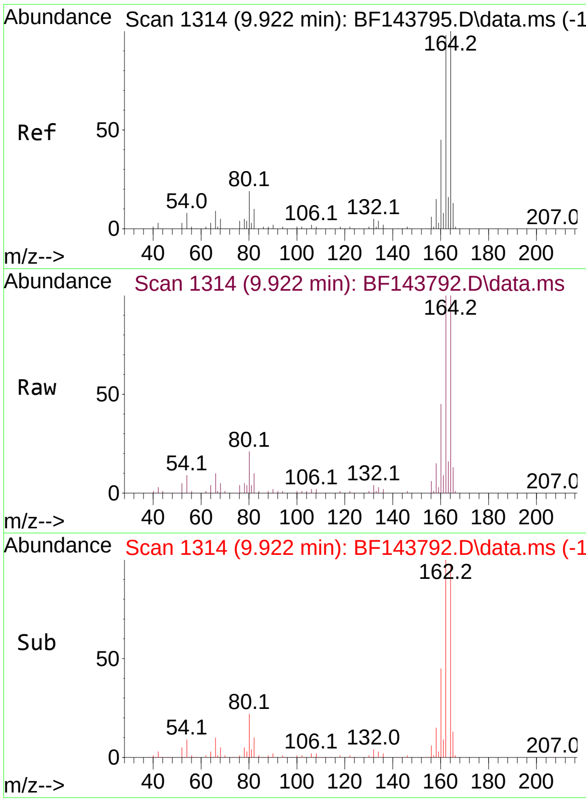
#38
1-Methylnaphthalene
Concen: 5.609 ng
RT: 8.980 min Scan# 1154
Delta R.T. -0.000 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion:142 Resp: 84197

Ion	Ratio	Lower	Upper
142	100		
141	91.2	71.1	106.7



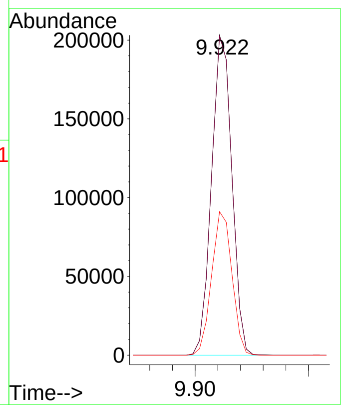
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

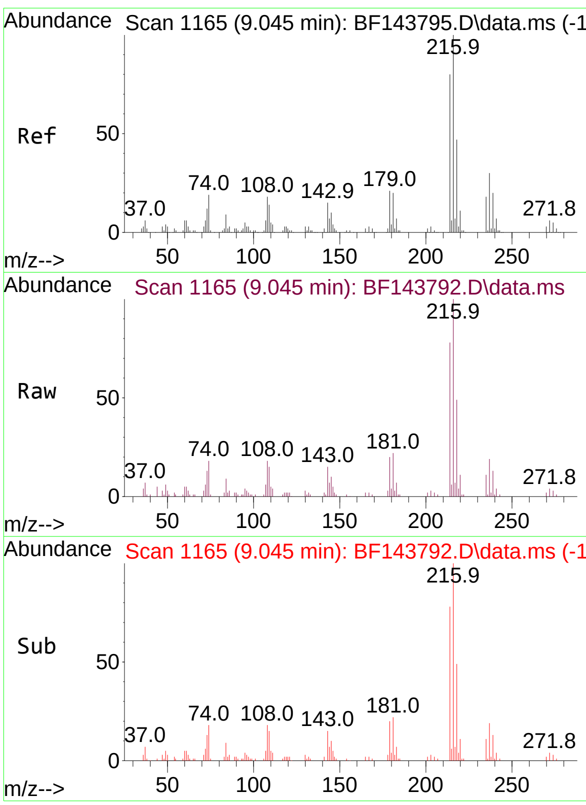


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion:164 Resp: 252917

Ion	Ratio	Lower	Upper
164	100		
162	99.7	78.8	118.2
160	44.8	35.8	53.6

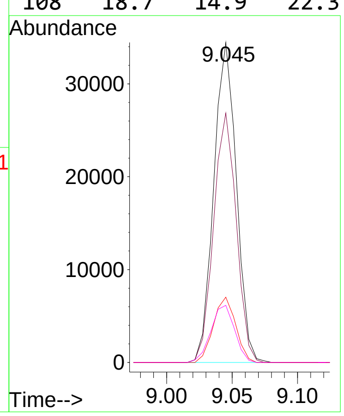


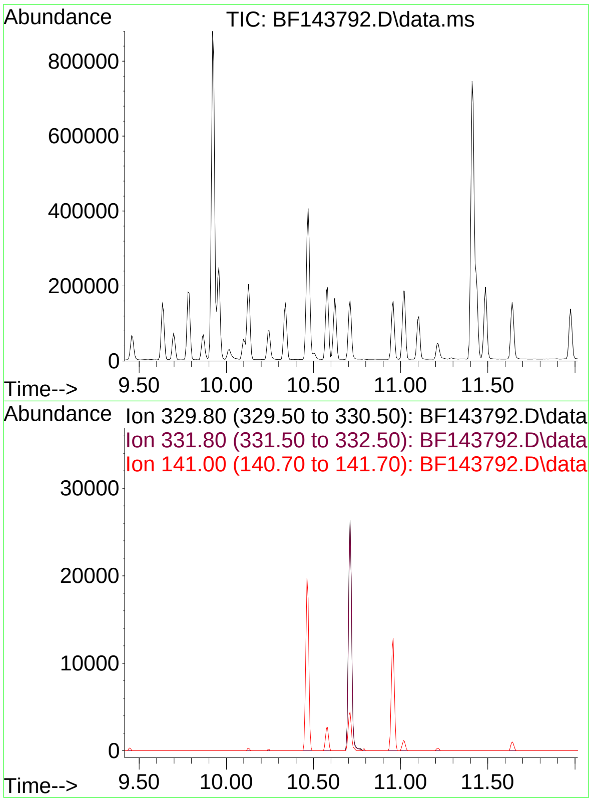


#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.441 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion:216 Resp: 41527

Ion	Ratio	Lower	Upper
216	100		
214	77.9	63.7	95.5
179	20.2	16.5	24.7
108	18.7	14.9	22.3





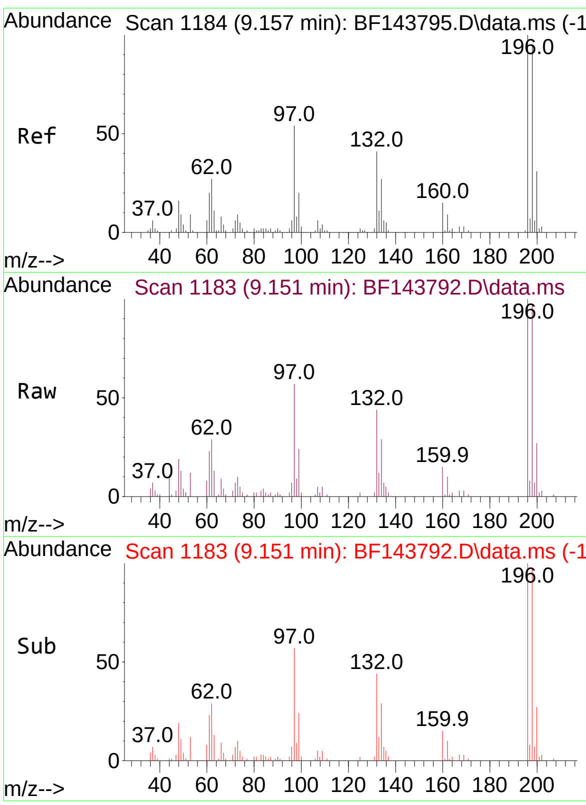
#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 10.72 min

Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	93.4
141	17.9

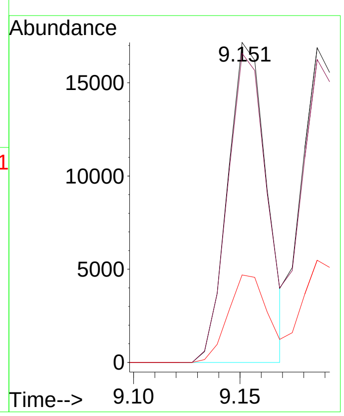
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

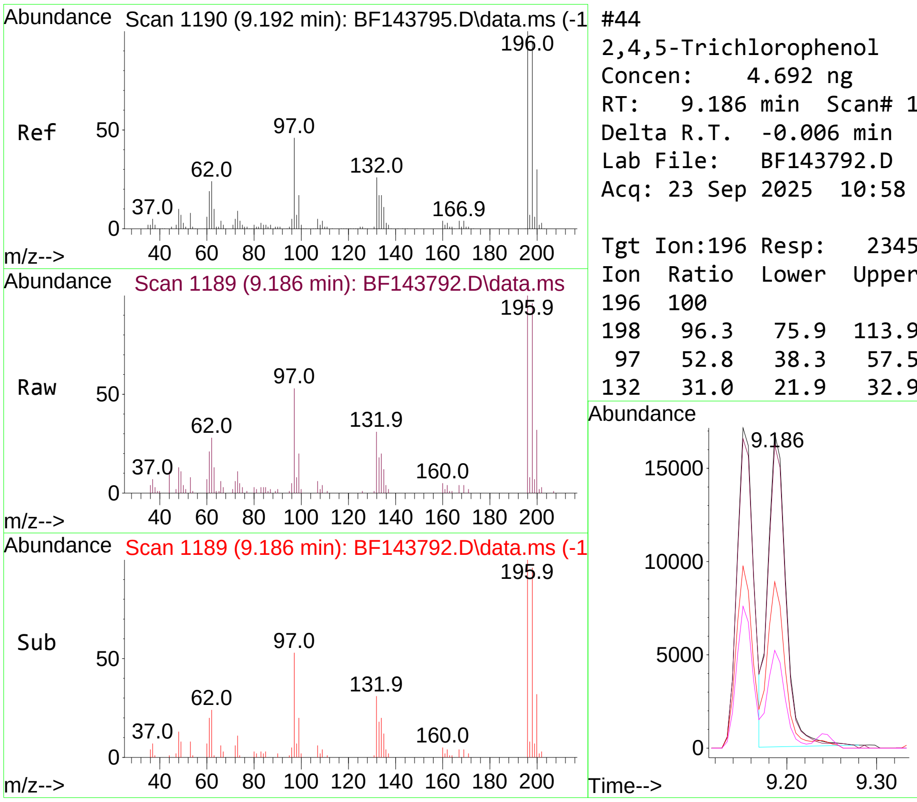


#43
2,4,6-Trichlorophenol
Concen: 4.555 ng
RT: 9.151 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion:196 Resp: 21768

Ion	Ratio	Lower	Upper
196	100		
198	96.6	76.2	114.2
200	27.3	24.7	37.1



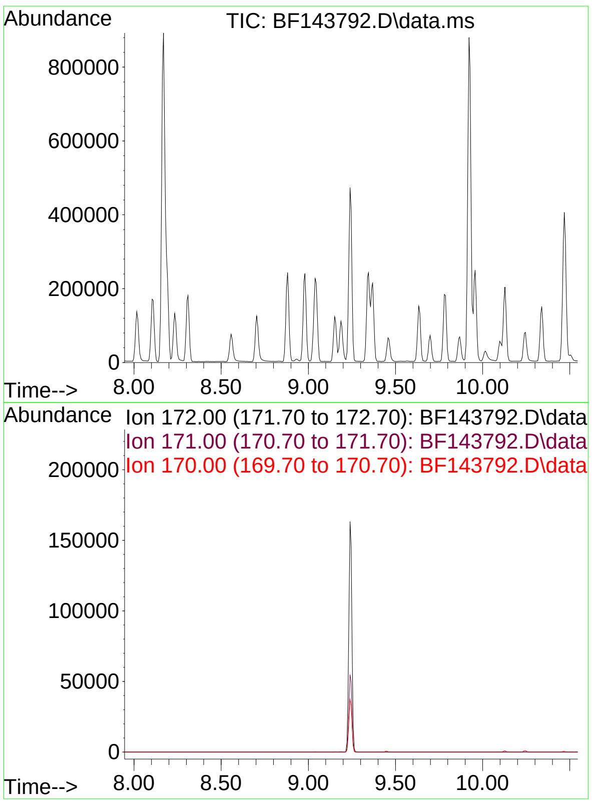


#44
2,4,5-Trichlorophenol
Concen: 4.692 ng
RT: 9.186 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:196 Resp: 23454

Ion	Ratio	Lower	Upper
196	100		
198	96.3	75.9	113.9
97	52.8	38.3	57.5
132	31.0	21.9	32.9



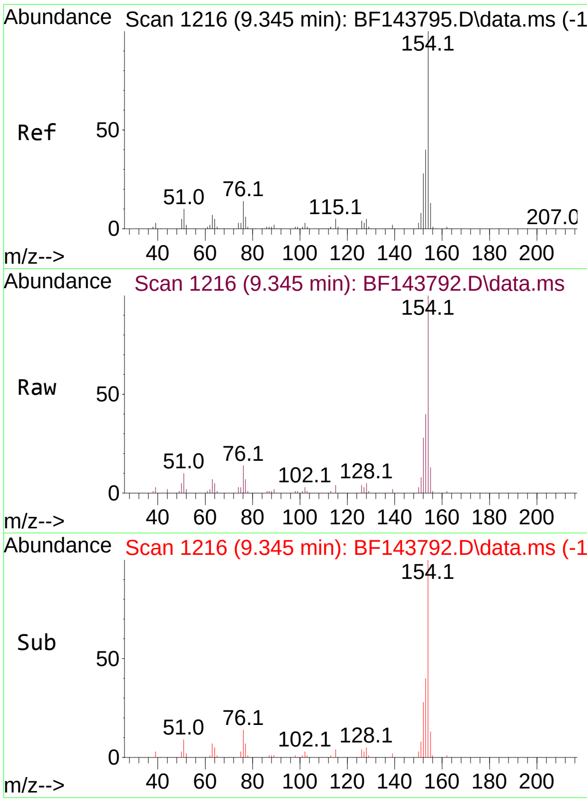
#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 9.25 min

Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion: 172

Sig	Exp Ratio
172	100
171	34.9
170	23.9

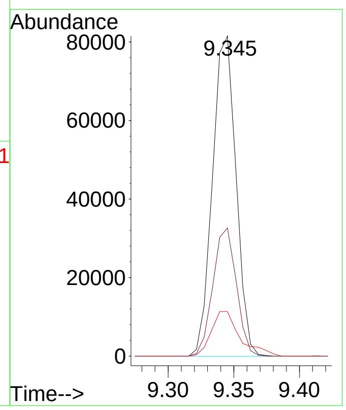
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

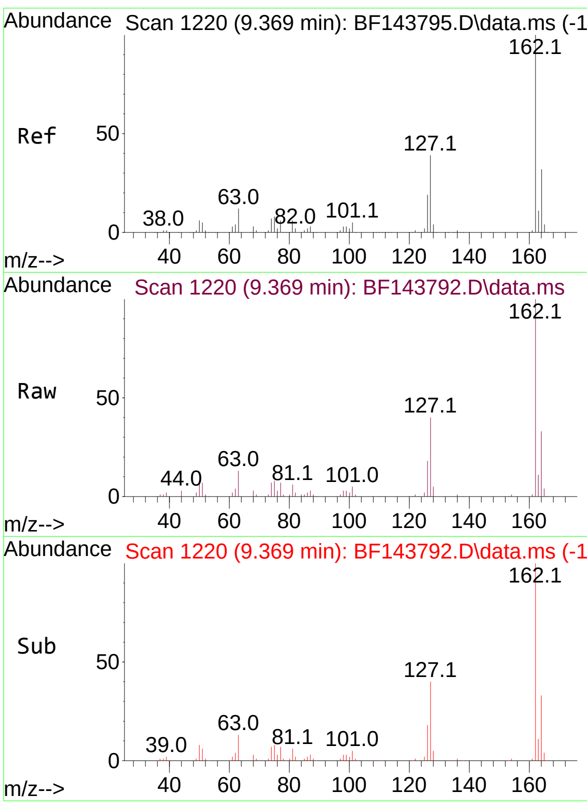


#46
1,1'-Biphenyl
Concen: 5.552 ng
RT: 9.345 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion:154 Resp: 101651

Ion	Ratio	Lower	Upper
154	100		
153	40.0	19.7	59.7
76	13.9	0.0	33.8

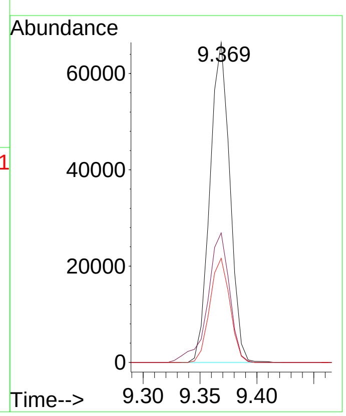




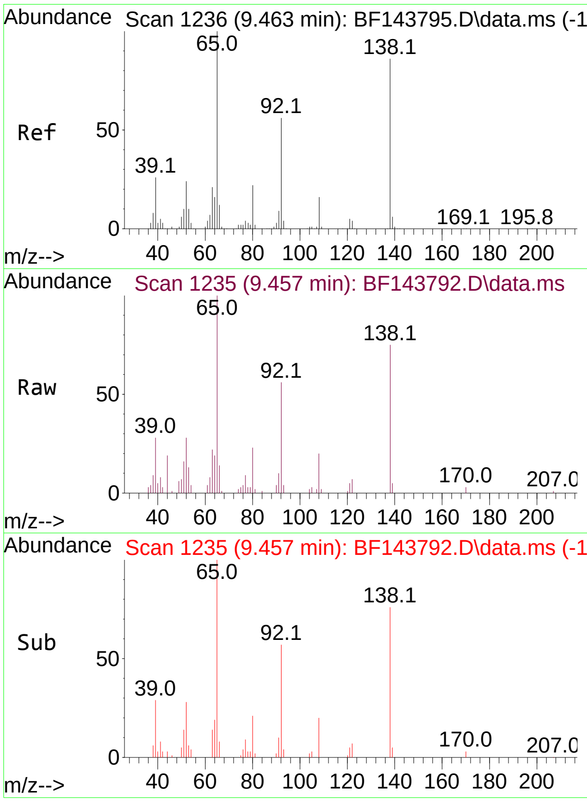
#47
2-Chloronaphthalene
Concen: 5.504 ng
RT: 9.369 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion:162 Resp: 81117

Ion	Ratio	Lower	Upper
162	100		
127	40.5	31.5	47.3
164	32.5	25.9	38.9



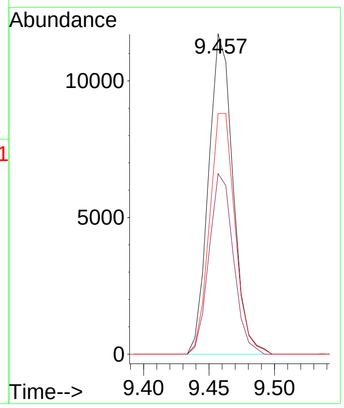
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

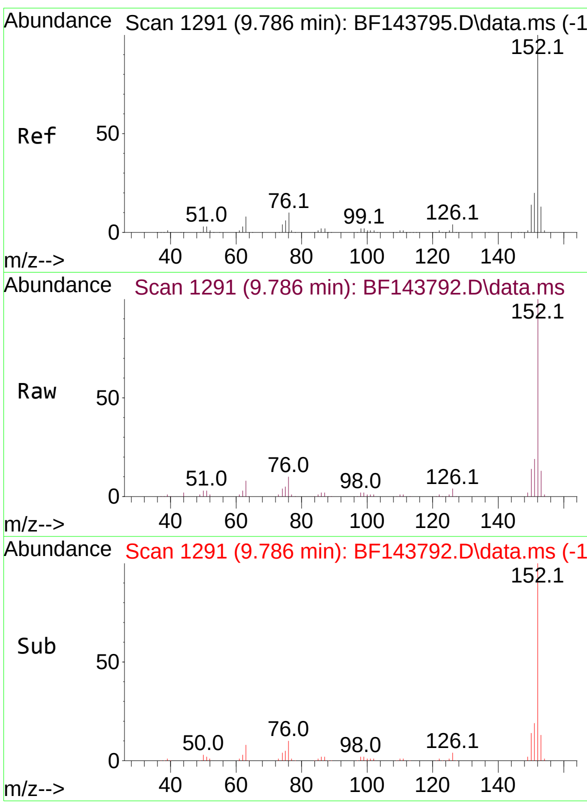


#48
2-Nitroaniline
Concen: 3.427 ng
RT: 9.457 min Scan# 1235
Delta R.T. -0.006 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion: 65 Resp: 15262

Ion	Ratio	Lower	Upper
65	100		
92	56.4	44.9	67.3
138	75.2	69.0	103.4

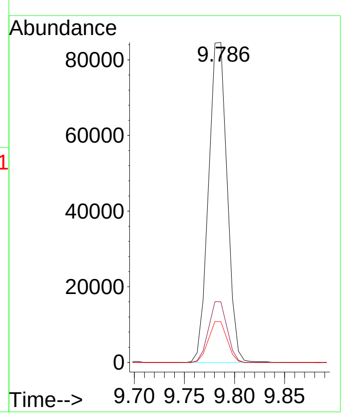




#49
Acenaphthylene
Concen: 5.389 ng
RT: 9.786 min Scan# 1291
Delta R.T. -0.000 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

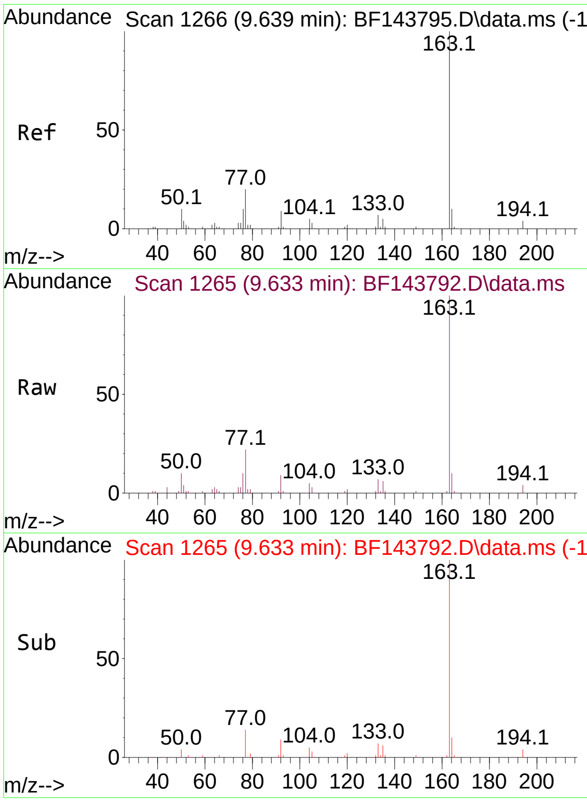
Tgt Ion:152 Resp: 109327

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.7	23.5
153	12.7	10.6	15.8



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

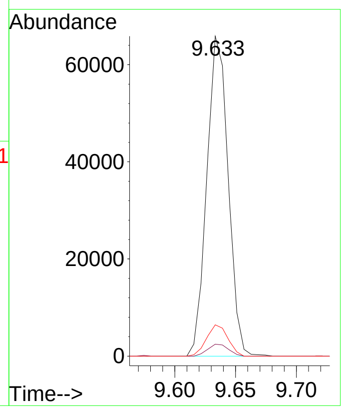
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

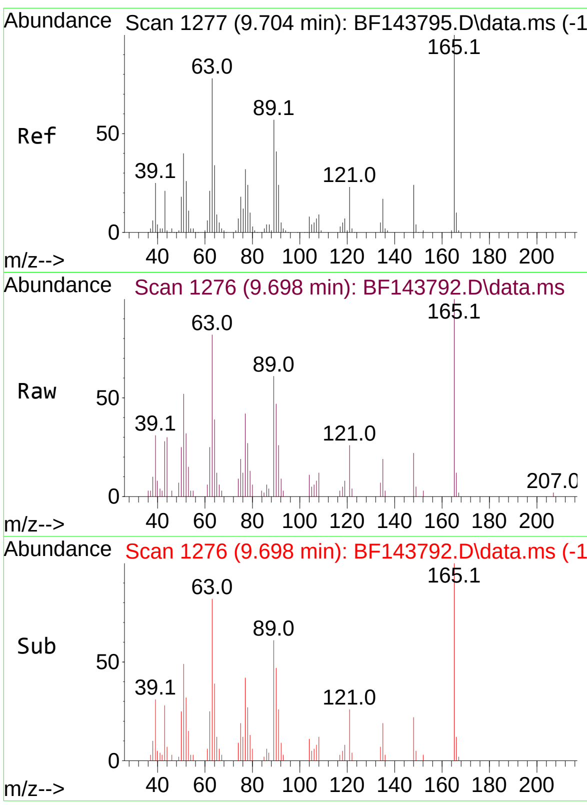


#50
Dimethylphthalate
Concen: 5.229 ng
RT: 9.633 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion:163 Resp: 80614

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.6
164	9.8	8.2	12.2

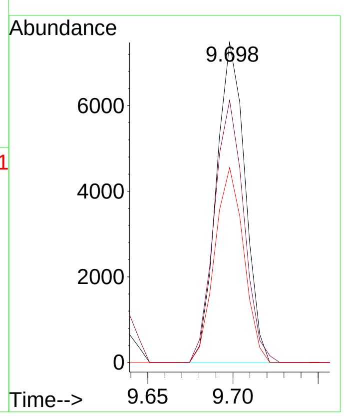




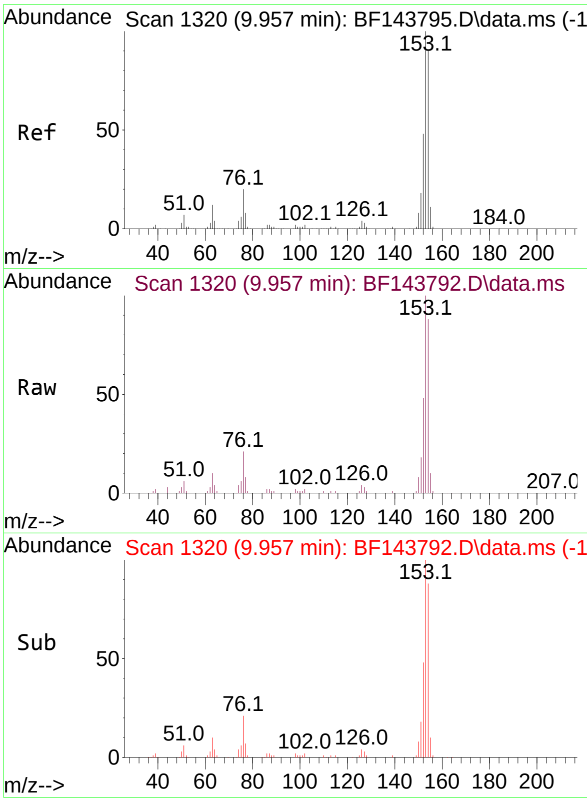
#51
2,6-Dinitrotoluene
Concen: 3.452 ng
RT: 9.698 min Scan# 1276
Delta R.T. -0.006 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion:165 Resp: 8744

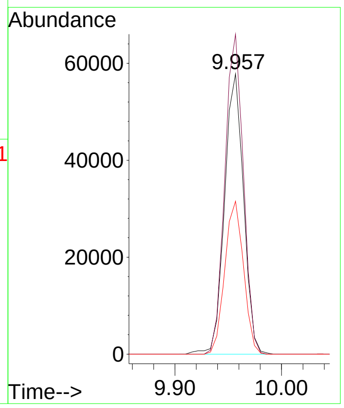
Ion	Ratio	Lower	Upper
165	100		
63	81.9	62.6	94.0
89	60.9	45.2	67.8

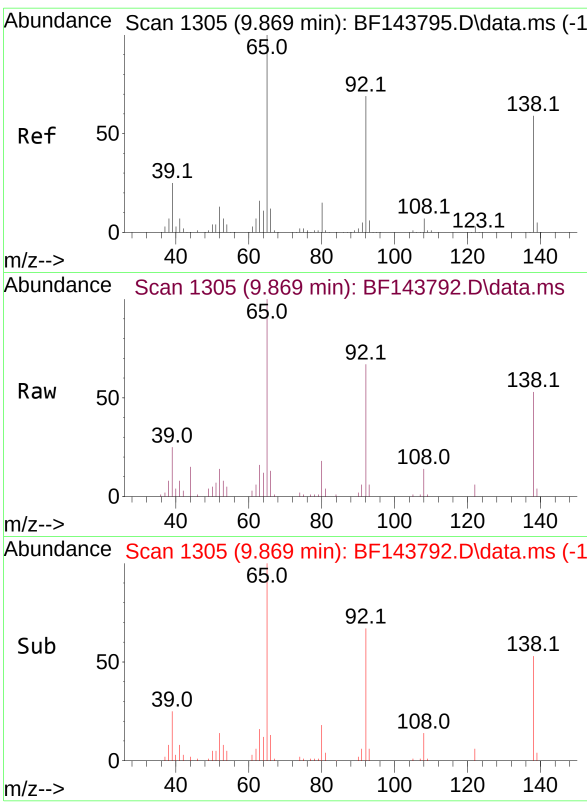


Instrument : BNA_F
ClientSampleId : SSTDICC005

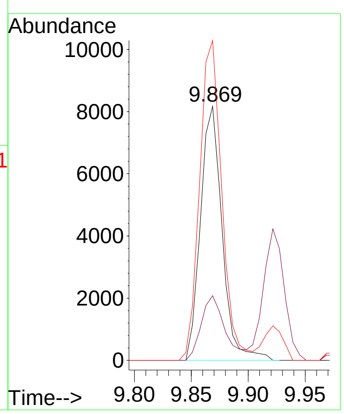



```
#52
Acenaphthene
Concen:    5.372 ng
RT:   9.957 min  Scan# 1320
Delta R.T.  -0.006 min
Lab File:   BF143792.D
Acq: 23 Sep 2025  10:58

Tgt Ion:154 Resp:   71713
Ion  Ratio  Lower  Upper
154  100
153  114.2   88.7  133.1
152   54.6   42.7   64.1
```



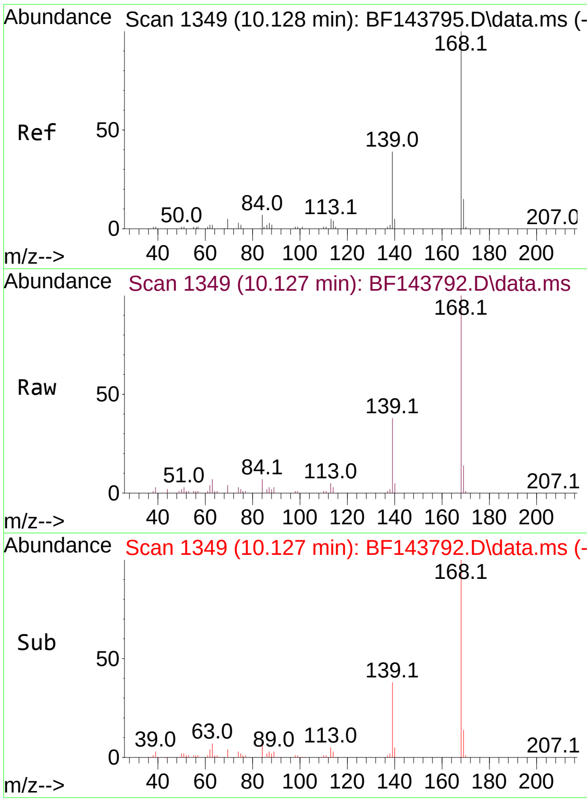



```
#53
3-Nitroaniline
Concen:    3.526 ng
RT:   9.869 min  Scan# 1305
Delta R.T.  -0.006 min
Lab File:   BF143792.D
Acq: 23 Sep 2025  10:58

Tgt Ion:138 Resp:   10825
Ion  Ratio  Lower  Upper
138  100
108   25.4    9.9   14.9#
 92  125.9   93.5  140.3
```



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

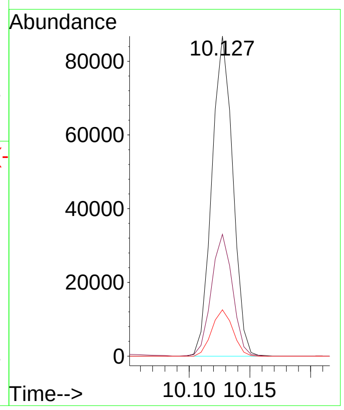
Instrument : BNA_F
ClientSampleId : SSTDICC005

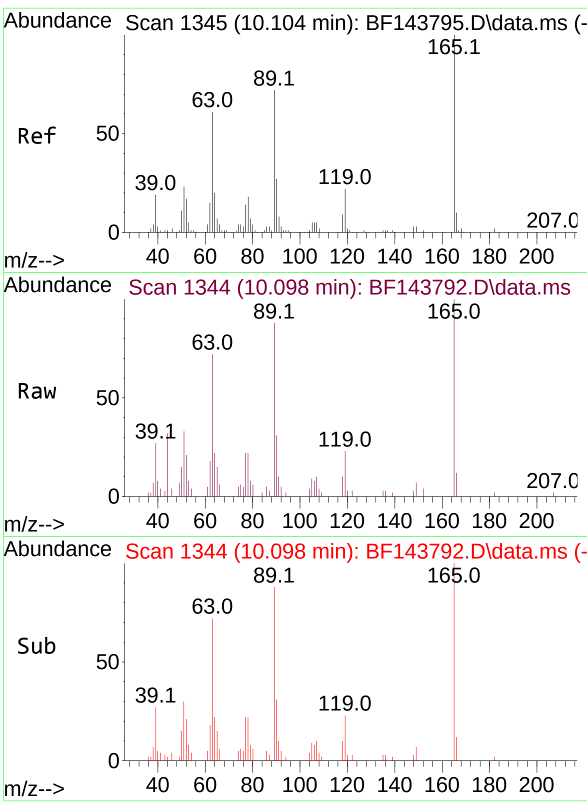


#55
Dibenzofuran
Concen: 5.524 ng
RT: 10.127 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion:168 Resp: 104283

Ion	Ratio	Lower	Upper
168	100		
139	38.1	31.0	46.6
169	14.5	11.9	17.9

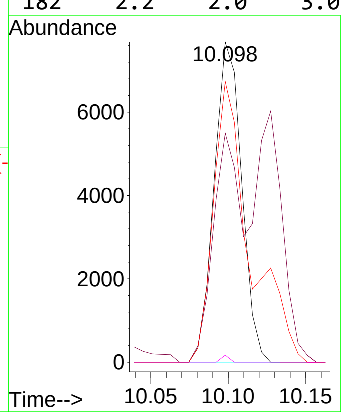




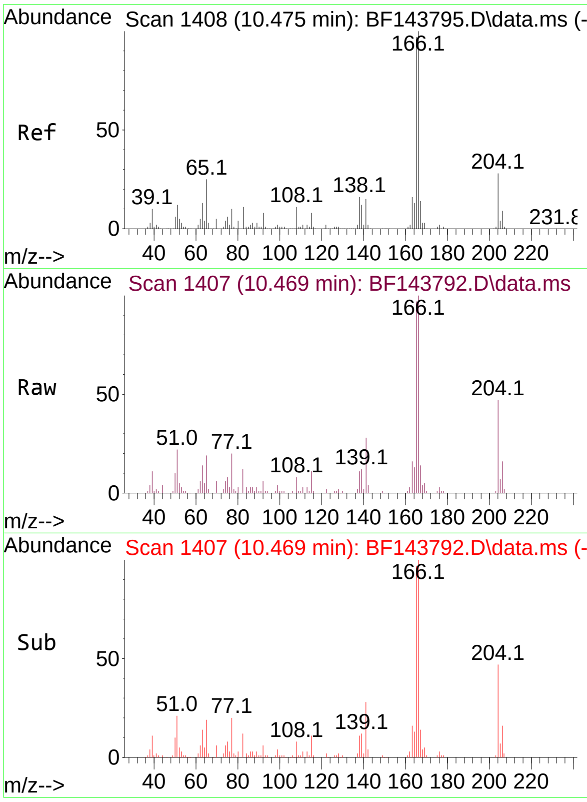
#57
2,4-Dinitrotoluene
Concen: 5.298 ng
RT: 10.098 min Scan# 1344
Delta R.T. -0.012 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion:165 Resp: 9518

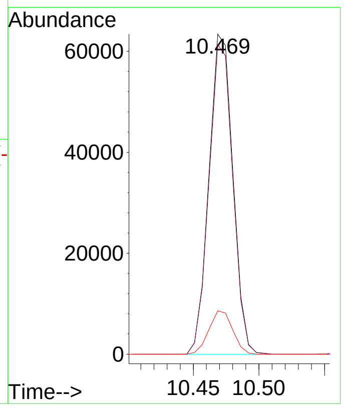
Ion	Ratio	Lower	Upper
165	100		
63	71.5	48.9	73.3
89	87.7	57.5	86.3#
182	2.2	2.0	3.0

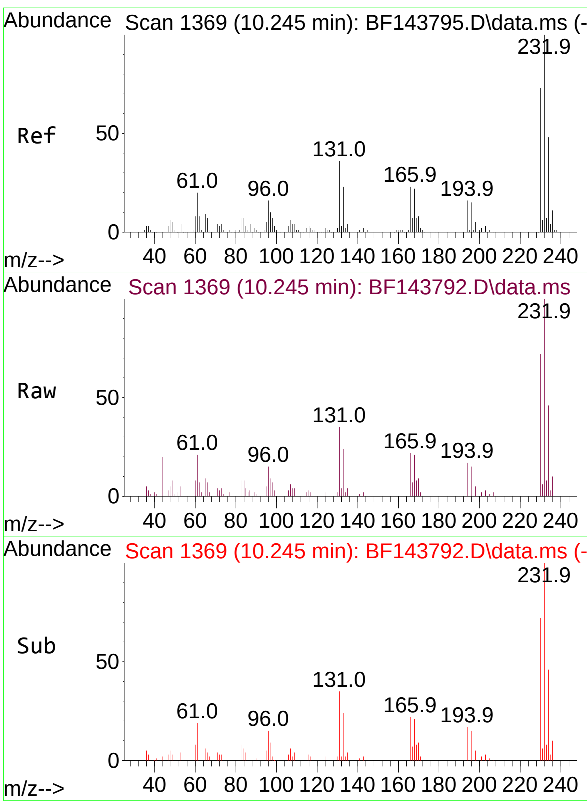


Instrument :
BNA_F
ClientSampleId :
SSTDICC005

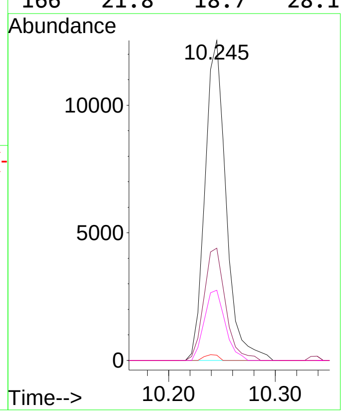



```
#58
Fluorene
Concen:    5.745 ng
RT:  10.469 min  Scan# 14
Delta R.T.  -0.006 min
Lab File:   BF143792.D
Acq: 23 Sep 2025  10:58

Tgt Ion:166 Resp:   80629
Ion  Ratio  Lower  Upper
166  100
165   96.7   78.0  117.0
167   13.5   10.9   16.3
```

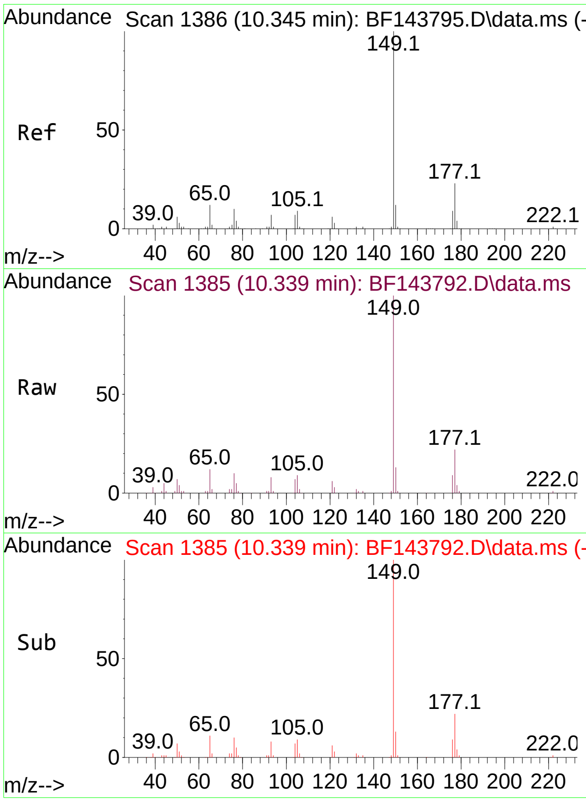





```
#59
2,3,4,6-Tetrachlorophenol
Concen:    4.017 ng
RT:  10.245 min  Scan# 1369
Delta R.T.  -0.000 min
Lab File:   BF143792.D
Acq: 23 Sep 2025  10:58

Tgt Ion:232 Resp:   17203
Ion  Ratio  Lower  Upper
232  100
131   35.9   29.4   44.2
130    1.2    1.3    1.9#
166   21.8   18.7   28.1
```



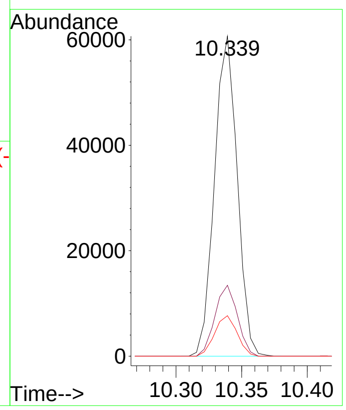
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

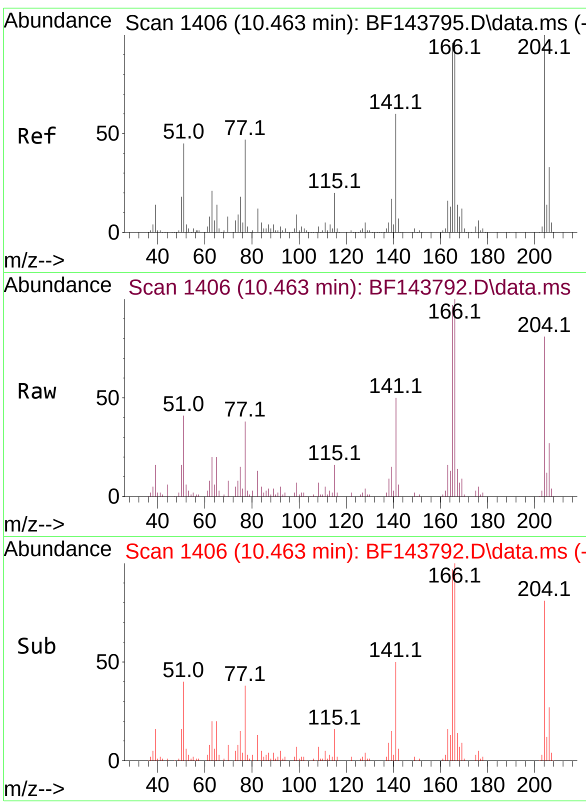


#60
Diethylphthalate
Concen: 5.076 ng
RT: 10.339 min Scan# 13
Delta R.T. -0.006 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion:149 Resp: 73247

Ion	Ratio	Lower	Upper
149	100		
177	22.1	18.1	27.1
150	12.6	9.7	14.5

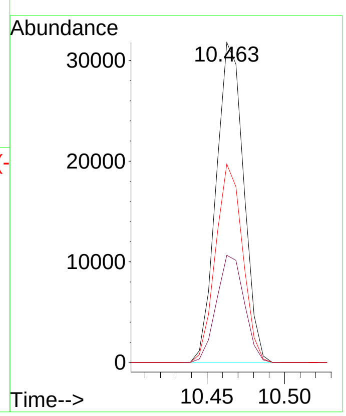




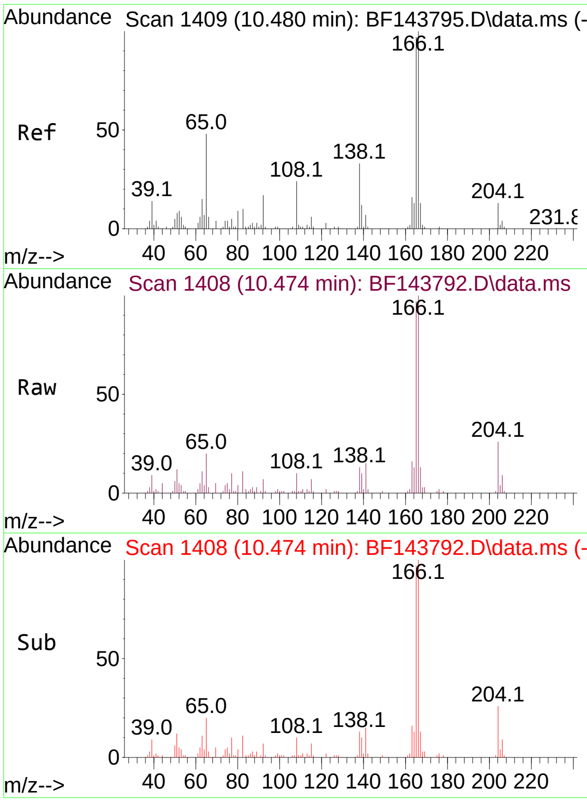
#61
4-Chlorophenyl-phenylether
Concen: 5.487 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion:204 Resp: 39239

Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.7	40.1
141	62.0	48.2	72.2



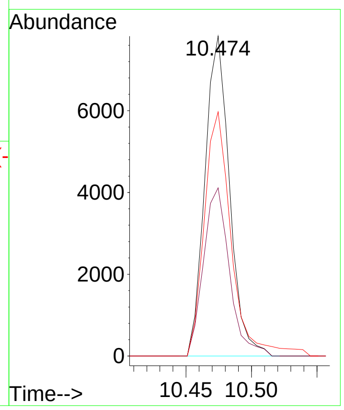
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

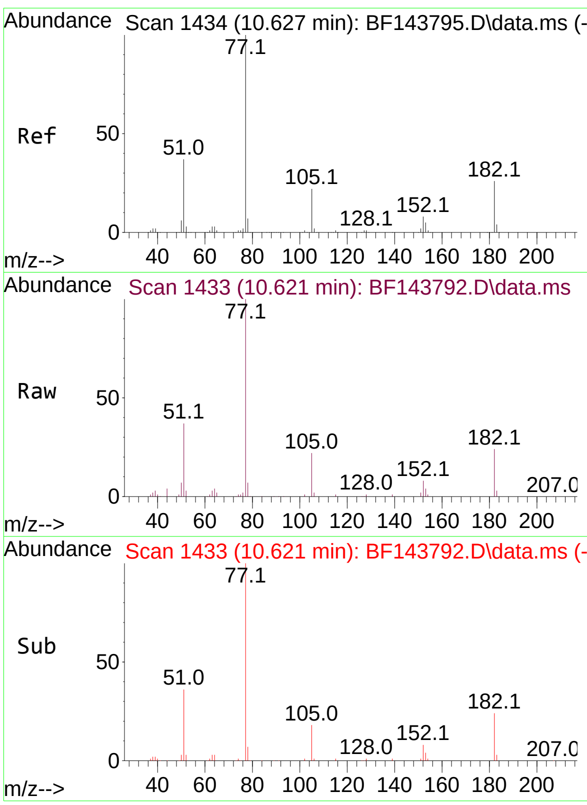


#62
4-Nitroaniline
Concen: 3.554 ng
RT: 10.474 min Scan# 14
Delta R.T. -0.018 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion:138 Resp: 10259

Ion	Ratio	Lower	Upper
138	100		
92	52.6	31.5	71.5
108	76.3	51.9	91.9

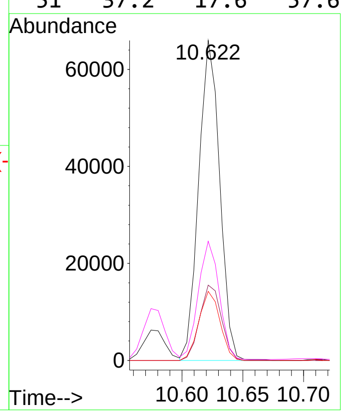




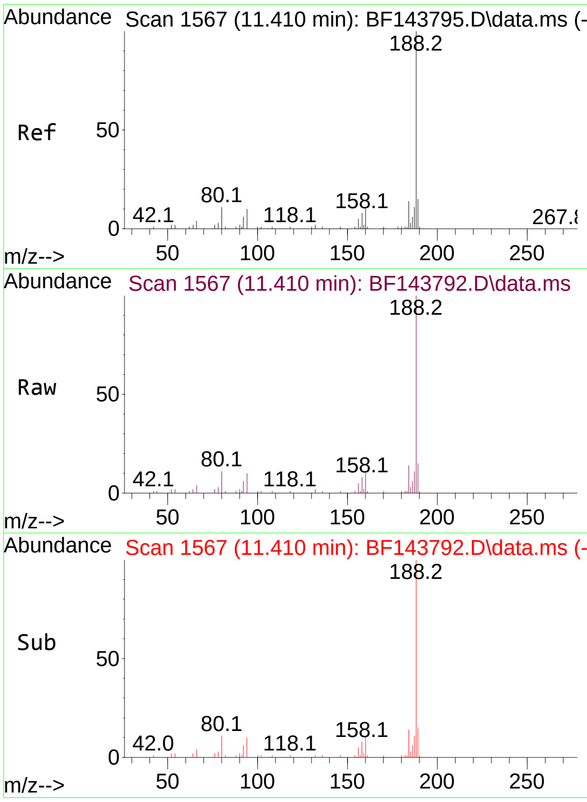
#63
Azobenzene
Concen: 5.240 ng
RT: 10.621 min Scan# 1433
Delta R.T. -0.006 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion: 77 Resp: 79697

Ion	Ratio	Lower	Upper
77	100		
182	23.5	5.9	45.9
105	21.6	2.3	42.3
51	37.2	17.6	57.6



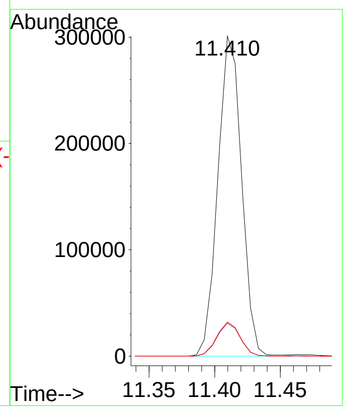
Instrument : BNA_F
ClientSampleId : SSTDICC005

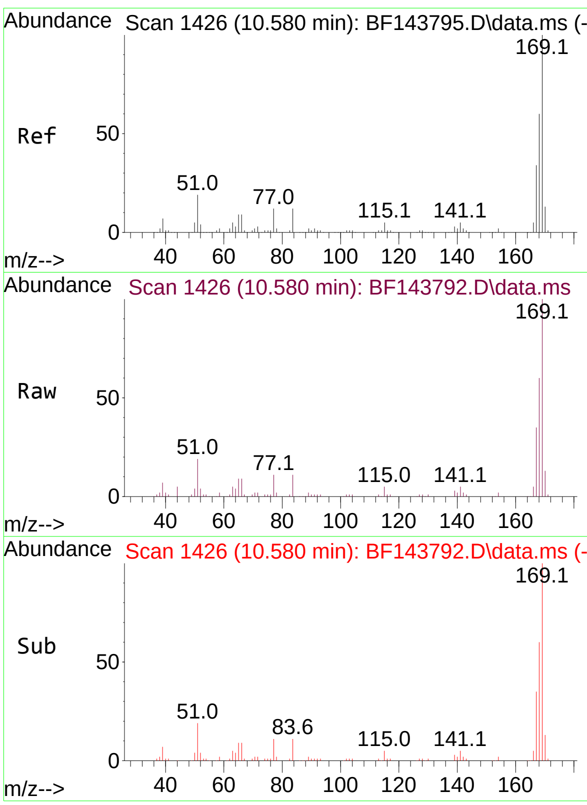


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion:188 Resp: 379147

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.2	12.2
80	10.7	8.6	12.8

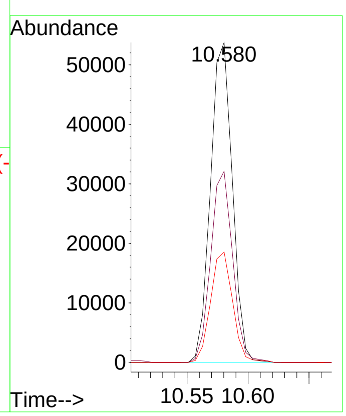




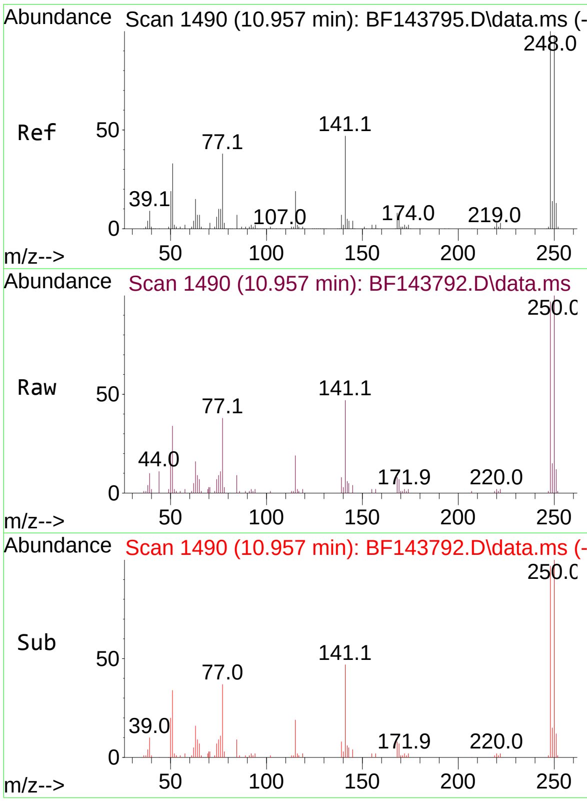
#66
n-Nitrosodiphenylamine
Concen: 5.378 ng
RT: 10.580 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion:169 Resp: 67054

Ion	Ratio	Lower	Upper
169	100		
168	59.7	47.9	71.9
167	34.5	27.0	40.6



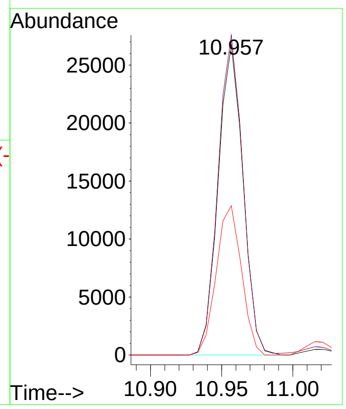
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

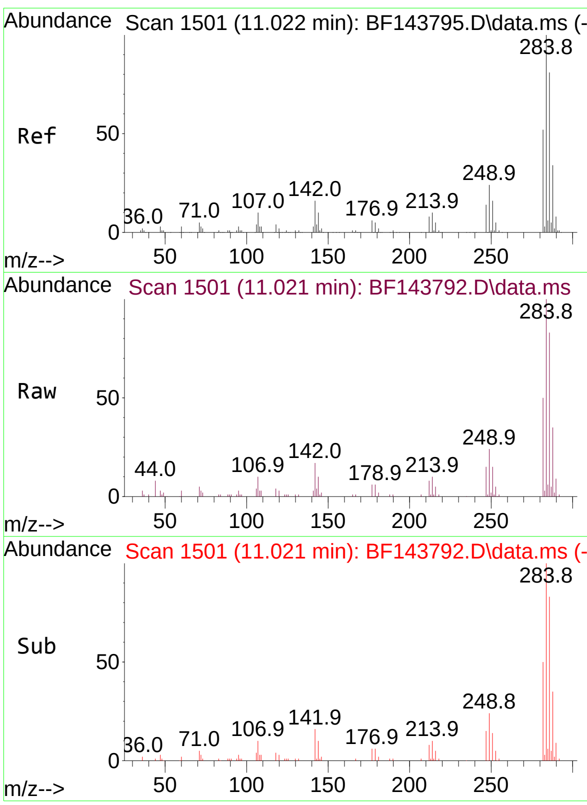


#67
4-Bromophenyl-phenylether
Concen: 5.047 ng
RT: 10.957 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion:248 Resp: 32607

Ion	Ratio	Lower	Upper
248	100		
250	103.0	78.7	118.1
141	48.1	37.9	56.9

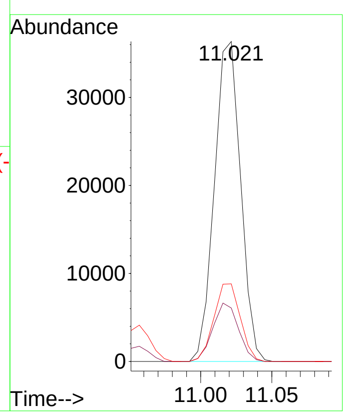




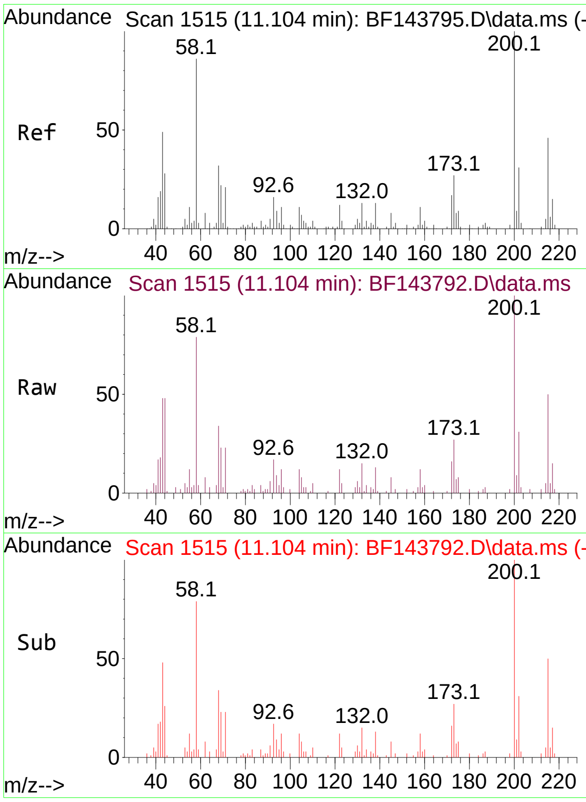
#68
Hexachlorobenzene
Concen: 5.238 ng
RT: 11.021 min Scan# 1501
Delta R.T. -0.000 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion:284 Resp: 46642

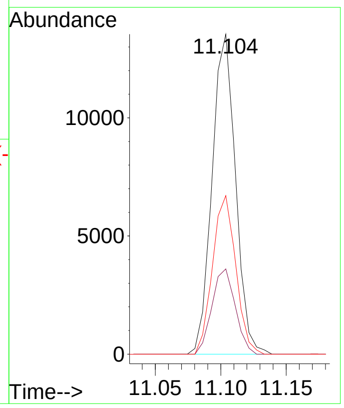
Ion	Ratio	Lower	Upper
284	100		
142	16.7	13.1	19.7
249	24.2	19.5	29.3

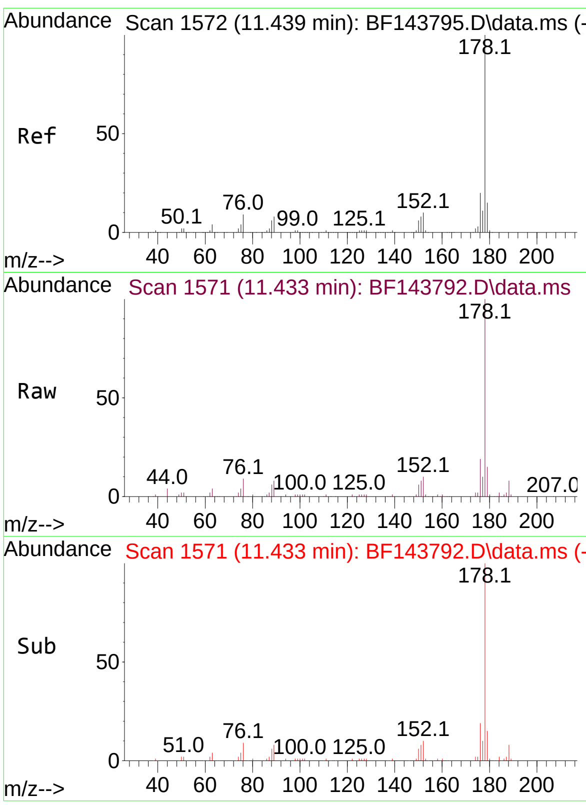


Instrument : BNA_F
ClientSampleId : SSTDICC005

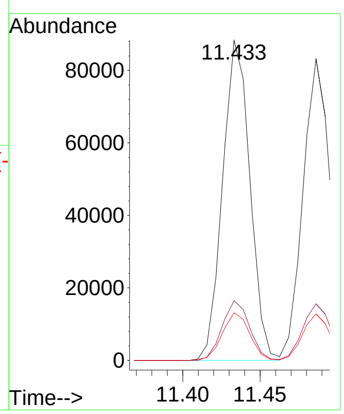



```
#69
Atrazine
Concen:     4.683 ng
RT:   11.104 min   Scan# 15
Delta R.T.   -0.006 min
Lab File:    BF143792.D
Acq: 23 Sep 2025   10:58

Tgt Ion:200 Resp:    16909
Ion   Ratio   Lower   Upper
200   100
173    26.6     7.2    47.2
215    49.5    26.0    66.0
```

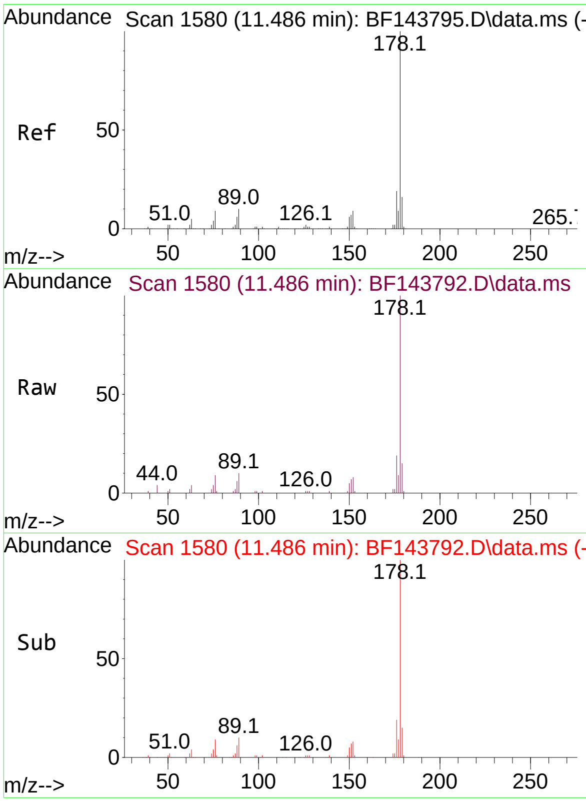





```
#71
Phenanthrene
Concen:     5.577 ng
RT:   11.433 min   Scan# 1571
Delta R.T.   -0.006 min
Lab File:    BF143792.D
Acq: 23 Sep 2025   10:58

Tgt Ion:178 Resp:   108554
Ion   Ratio   Lower   Upper
178   100
176    18.6    15.6    23.4
179    14.9    12.2    18.4
```



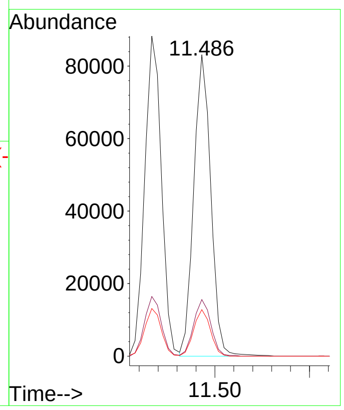
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

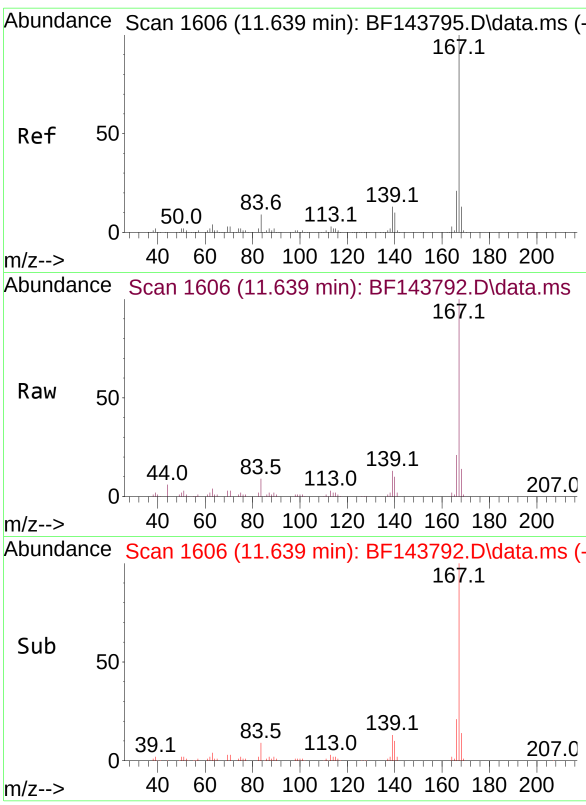


#72
Anthracene
Concen: 5.322 ng
RT: 11.486 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion:178 Resp: 103911

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	15.4	12.8	19.2

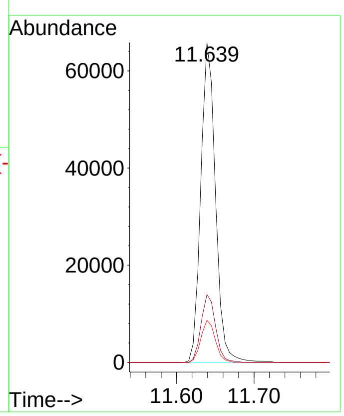




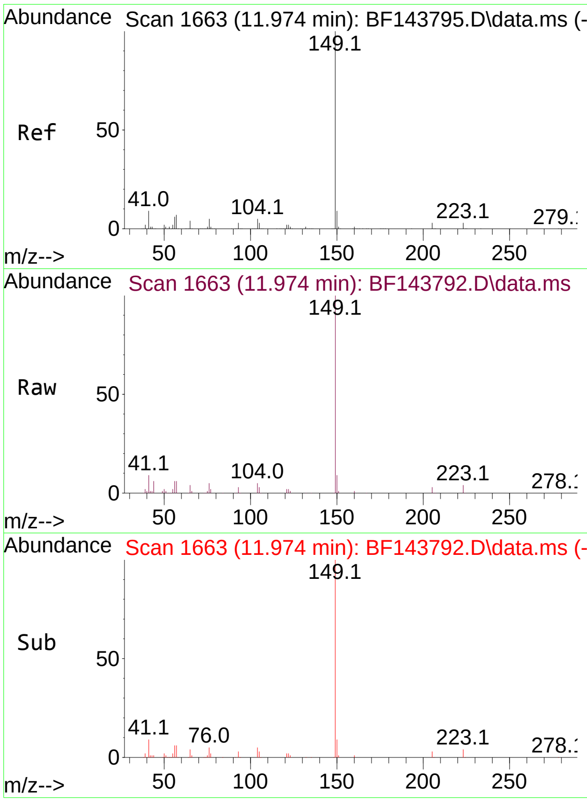
#73
Carbazole
Concen: 5.086 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.006 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion:167 Resp: 86827

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.0	25.4
139	13.2	10.6	15.8



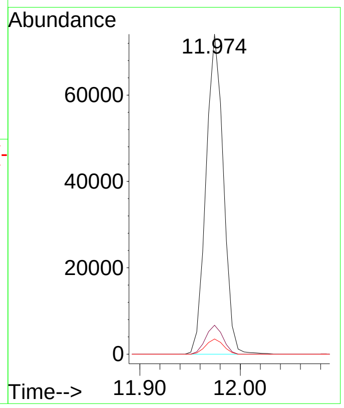
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

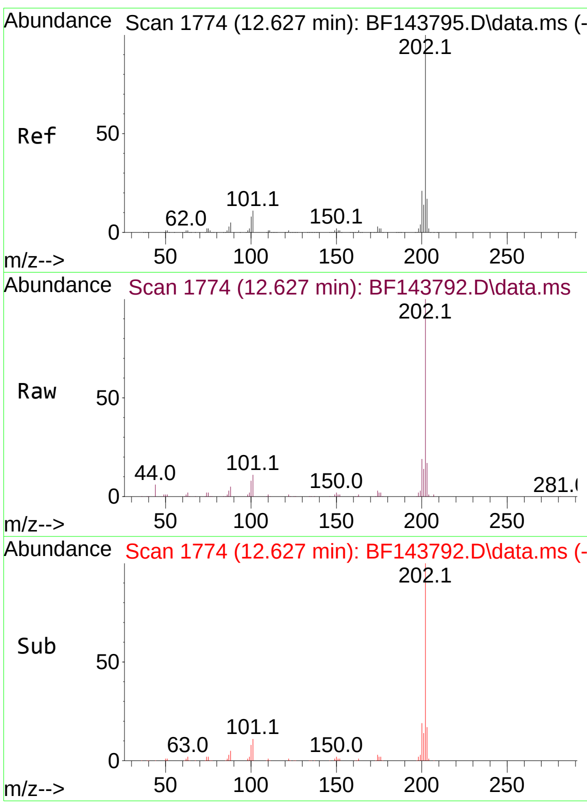


#74
Di-n-butylphthalate
Concen: 4.538 ng
RT: 11.974 min Scan# 16
Delta R.T. -0.000 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion:149 Resp: 89101

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.3	10.9
104	4.7	3.6	5.4

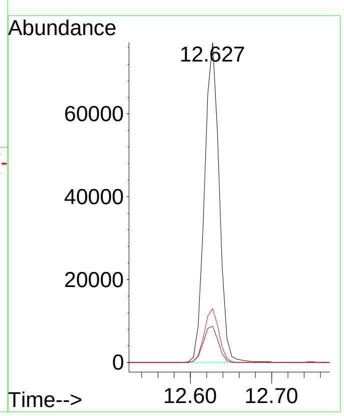




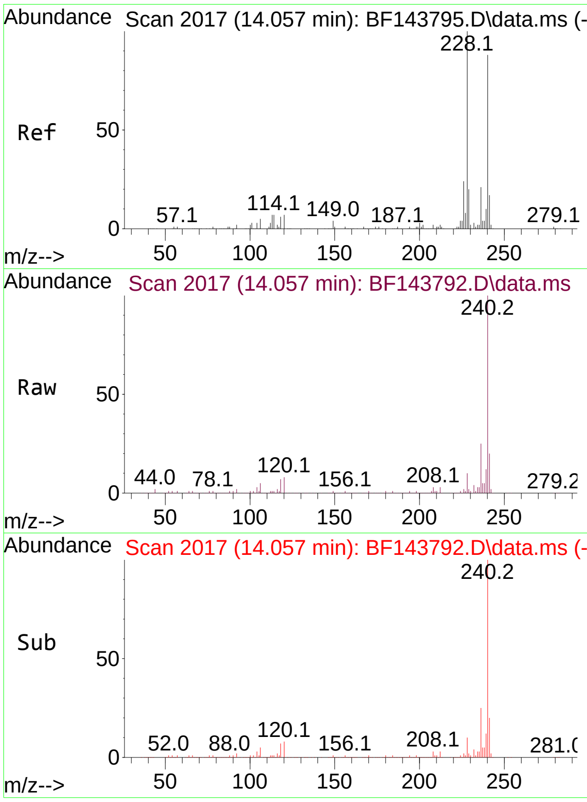
#75
Fluoranthene
Concen: 4.932 ng
RT: 12.627 min Scan# 1774
Delta R.T. -0.000 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion:202 Resp: 96550

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	31.1
203	16.8	0.0	37.4



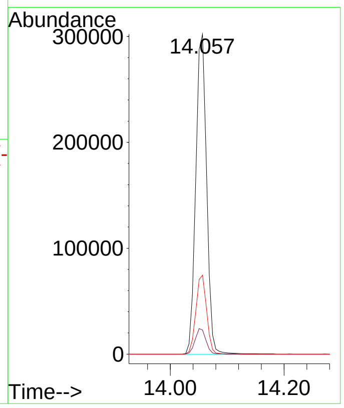
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

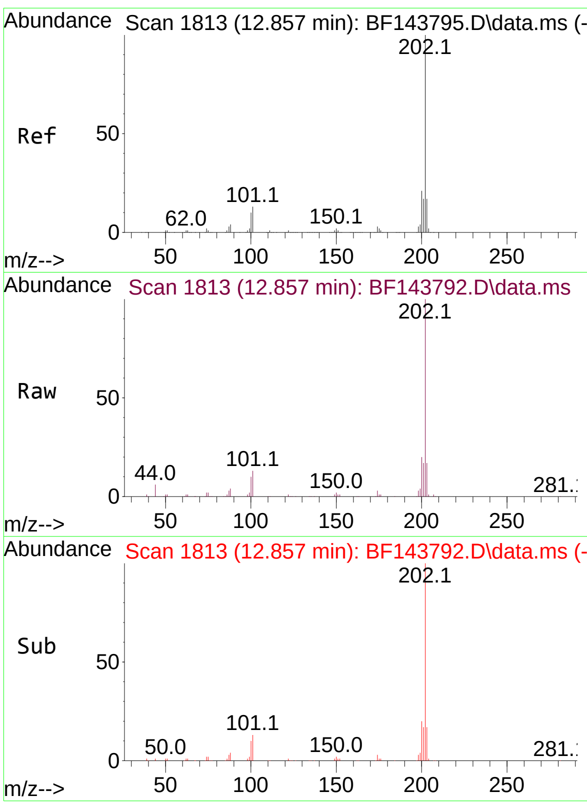


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion:240 Resp: 398321

Ion	Ratio	Lower	Upper
240	100		
120	7.5	6.2	9.4
236	24.7	19.4	29.2

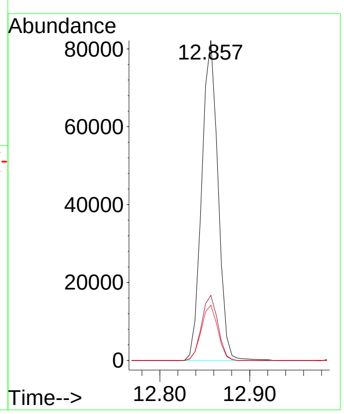


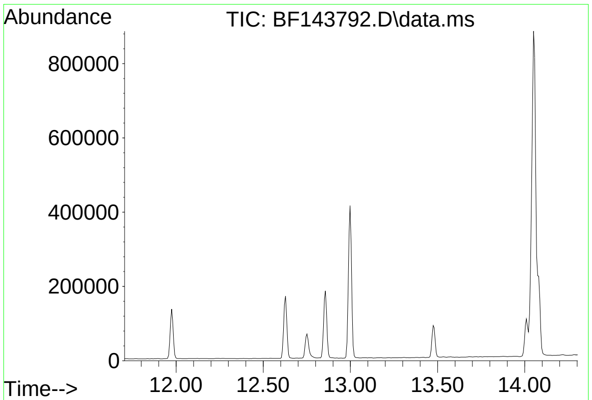


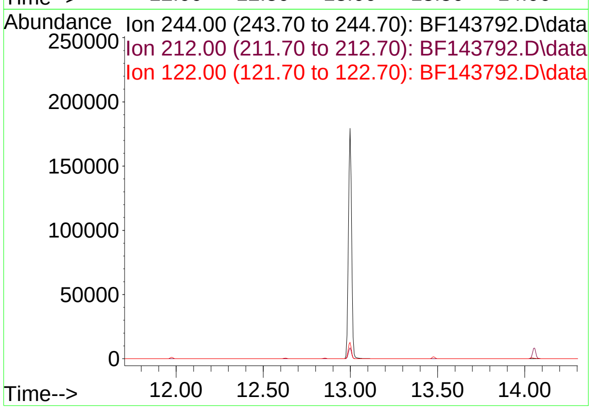
#78
Pyrene
Concen: 5.279 ng
RT: 12.857 min Scan# 1813
Delta R.T. -0.000 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion:202 Resp: 103385

Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.0	25.4
203	17.2	13.9	20.9







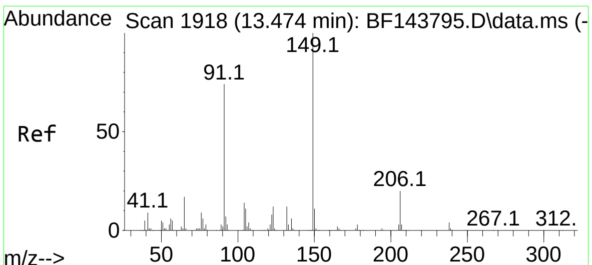
#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 13.00 min

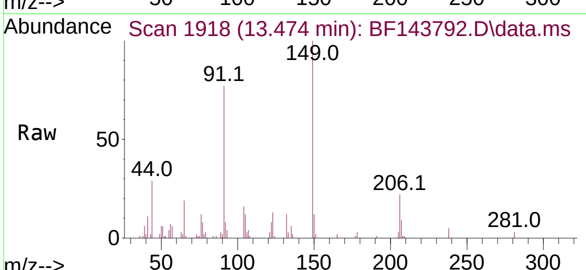
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

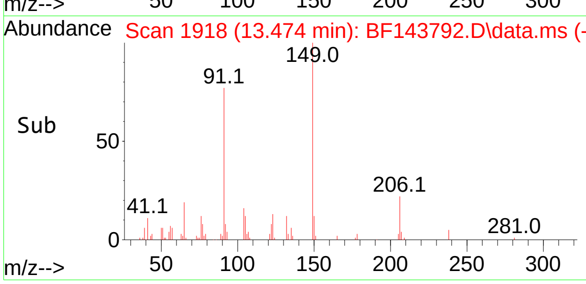
Tgt Ion: 244

Sig	Exp Ratio
244	100
212	4.9
122	7.0

Instrument :
BNA_F
ClientSampleId :
SSTDICC005



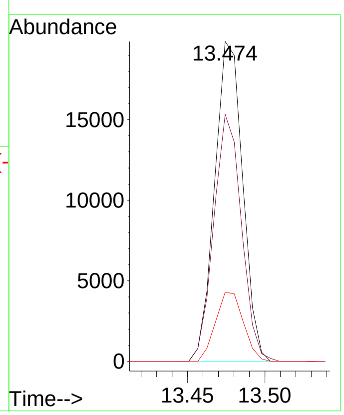




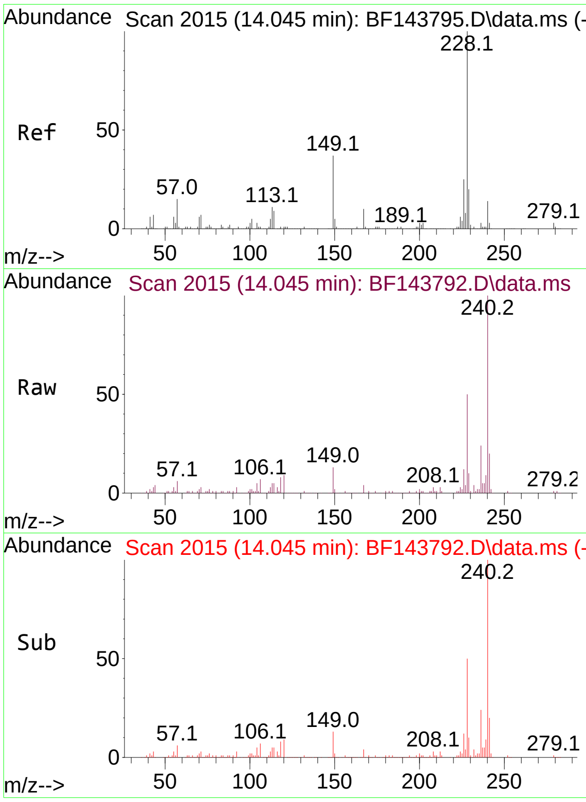
#80
Butylbenzylphthalate
Concen: 3.695 ng
RT: 13.474 min Scan# 1918
Delta R.T. -0.006 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion:149 Resp: 25033

Ion	Ratio	Lower	Upper
149	100		
91	77.2	59.5	89.3
206	21.6	16.1	24.1



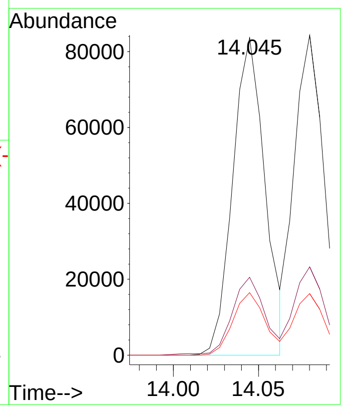
Instrument : BNA_F
ClientSampleId : SSTDICC005

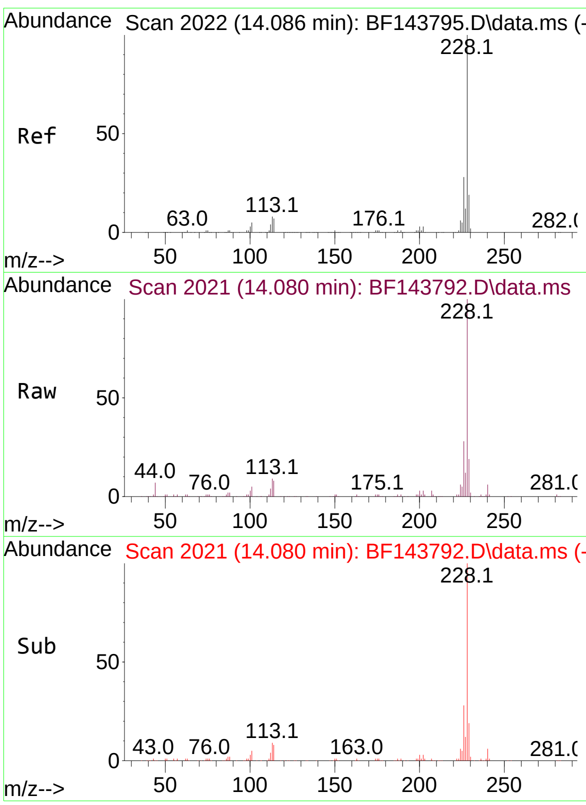


#81
Benzo(a)anthracene
Concen: 5.163 ng
RT: 14.045 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion:228 Resp: 110473

Ion	Ratio	Lower	Upper
228	100		
226	24.5	20.2	30.2
229	19.7	16.1	24.1

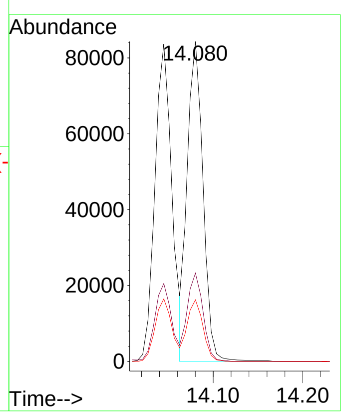




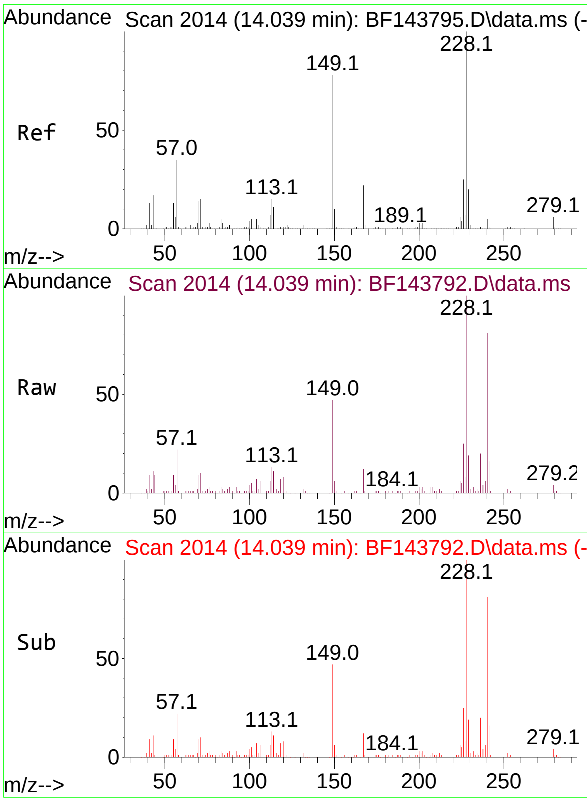
#83
Chrysene
Concen: 5.353 ng
RT: 14.080 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion:228 Resp: 103643

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	19.2	15.6	23.4



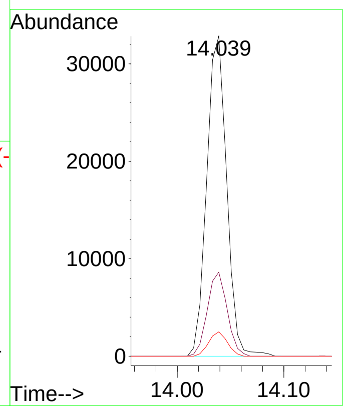
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

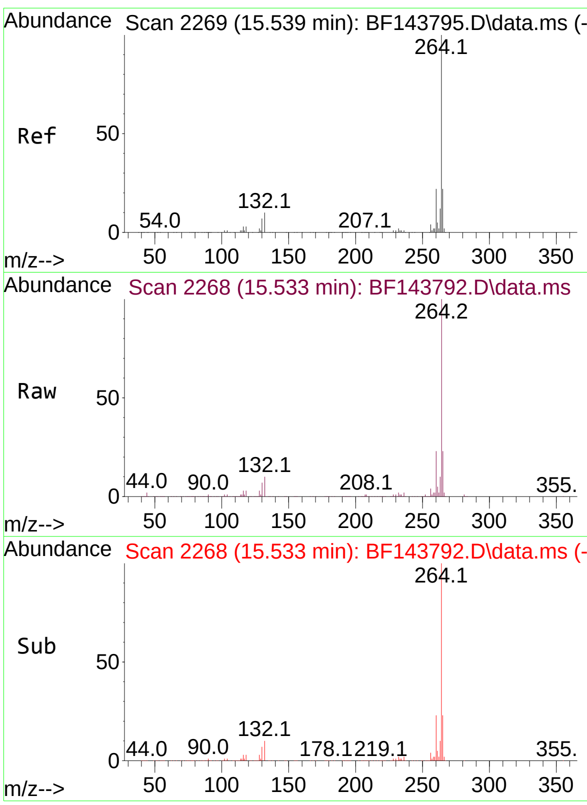


#84
Bis(2-ethylhexyl)phthalate
Concen: 4.295 ng
RT: 14.039 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion:149 Resp: 42651

Ion	Ratio	Lower	Upper
149	100		
167	26.2	22.2	33.2
279	7.6	6.0	9.0

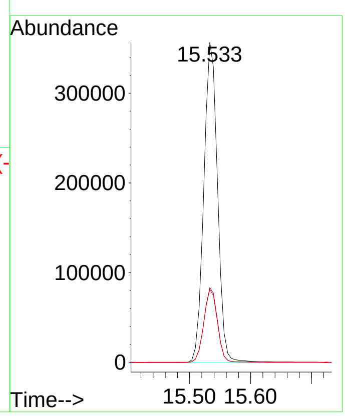




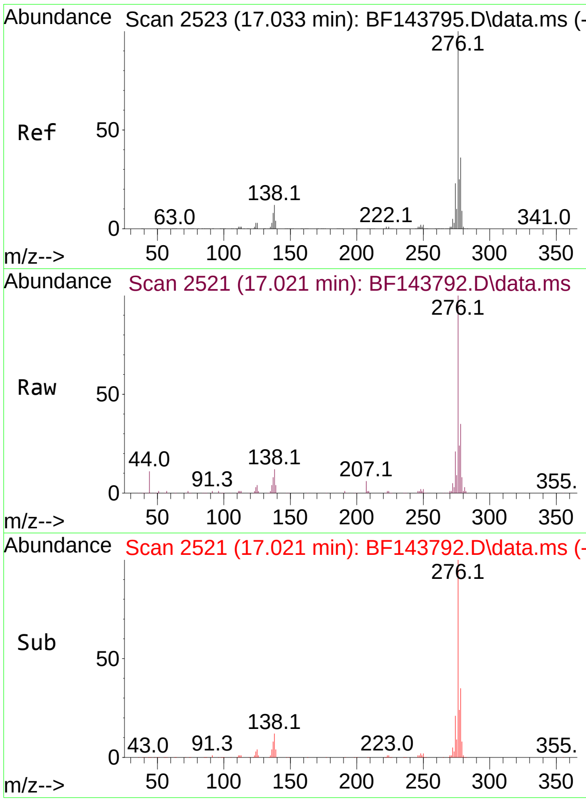
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion:264 Resp: 555053

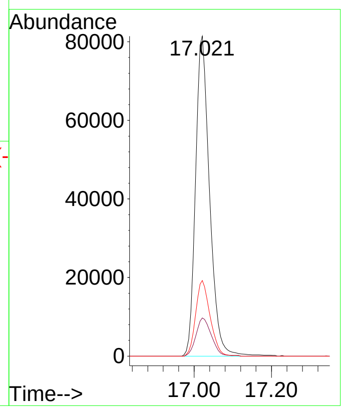
Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.9	26.9
265	22.8	17.7	26.5

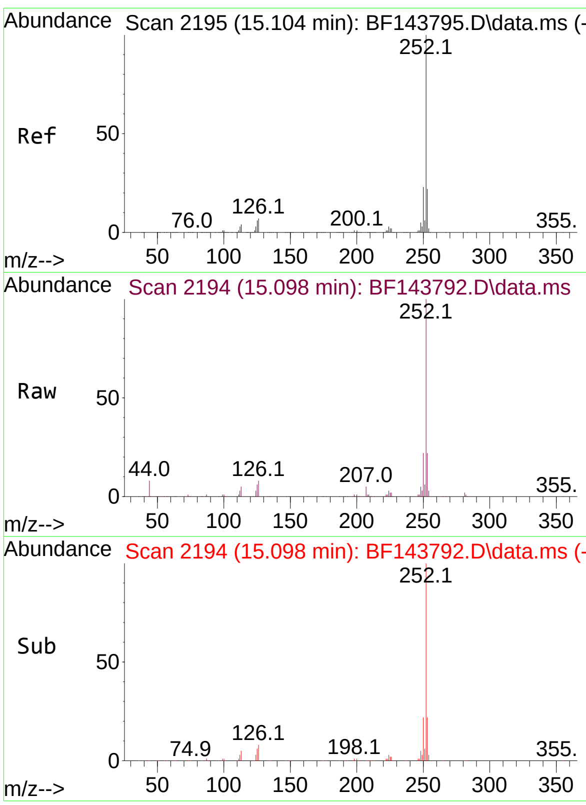


Instrument :
BNA_F
ClientSampleId :
SSTDICC005

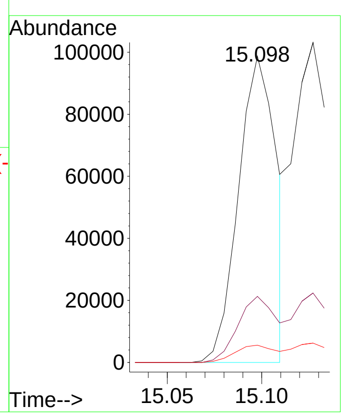



```
#87
Indeno(1,2,3-cd)pyrene
Concen:    4.886 ng
RT:  17.021 min  Scan# 2
Delta R.T.   -0.024 min
Lab File:    BF143792.D
Acq: 23 Sep 2025   10:58

Tgt Ion:276 Resp:   205787
Ion  Ratio  Lower  Upper
276  100
138   13.0   10.6   15.8
277   24.3   20.7   31.1
```

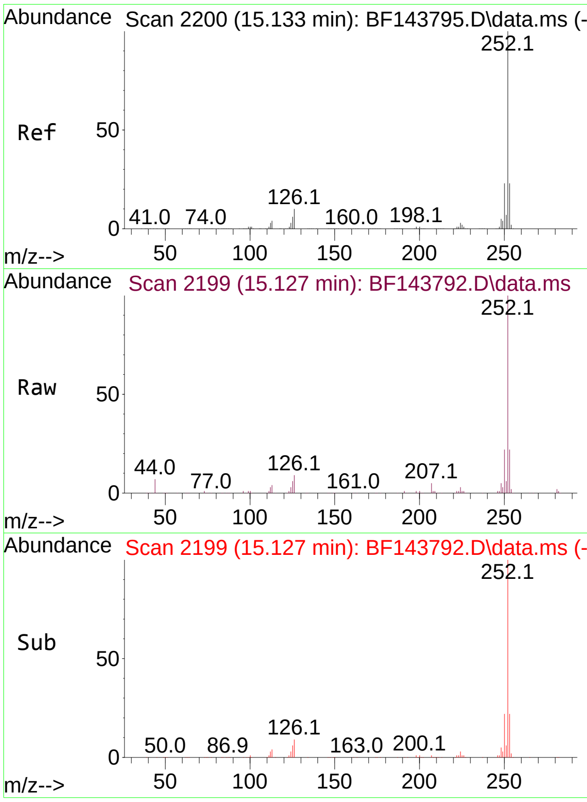





```
#88
Benzo(b)fluoranthene
Concen:    4.847 ng
RT:  15.098 min  Scan# 2194
Delta R.T.   -0.006 min
Lab File:    BF143792.D
Acq: 23 Sep 2025   10:58

Tgt Ion:252 Resp:   137015
Ion  Ratio  Lower  Upper
252  100
253   21.6   17.8   26.8
125    5.6    4.4    6.6
```



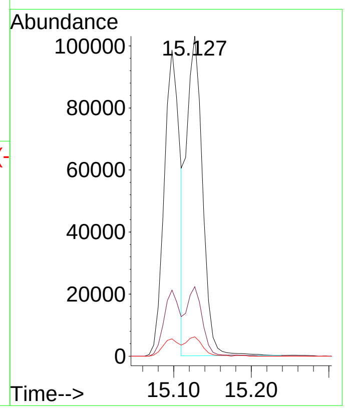
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

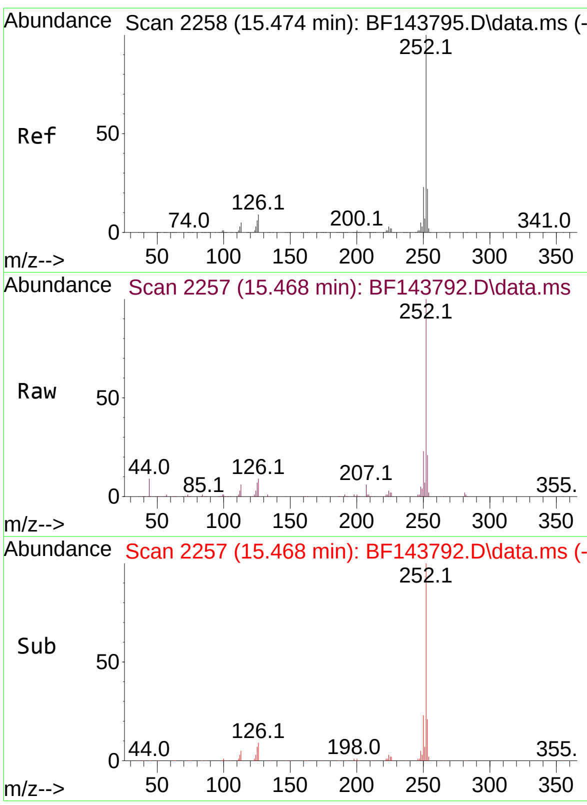


#89
Benzo(k)fluoranthene
Concen: 5.184 ng
RT: 15.127 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion:252 Resp: 147201

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.9	26.9
125	6.0	4.6	6.8

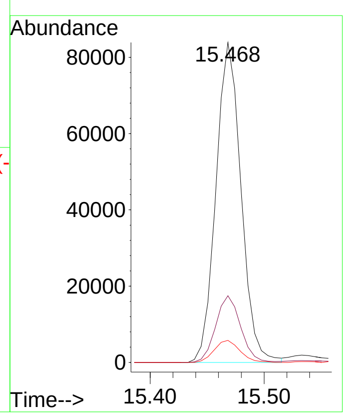




#90
Benzo(a)pyrene
Concen: 4.848 ng
RT: 15.468 min Scan# 2257
Delta R.T. -0.012 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

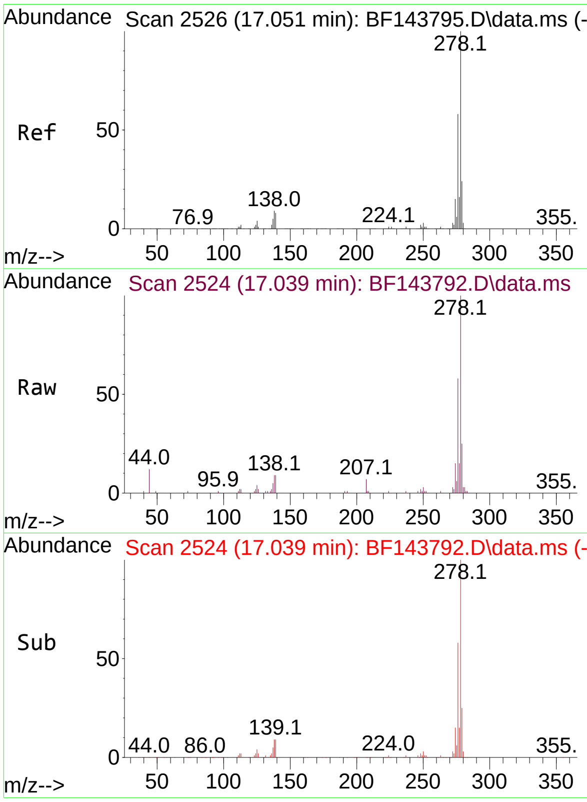
Tgt Ion:252 Resp: 128819

Ion	Ratio	Lower	Upper
252	100		
253	20.8	17.6	26.4
125	6.9	5.0	7.4

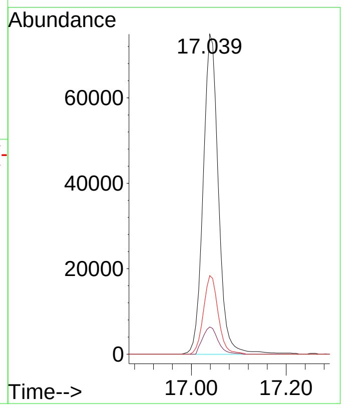


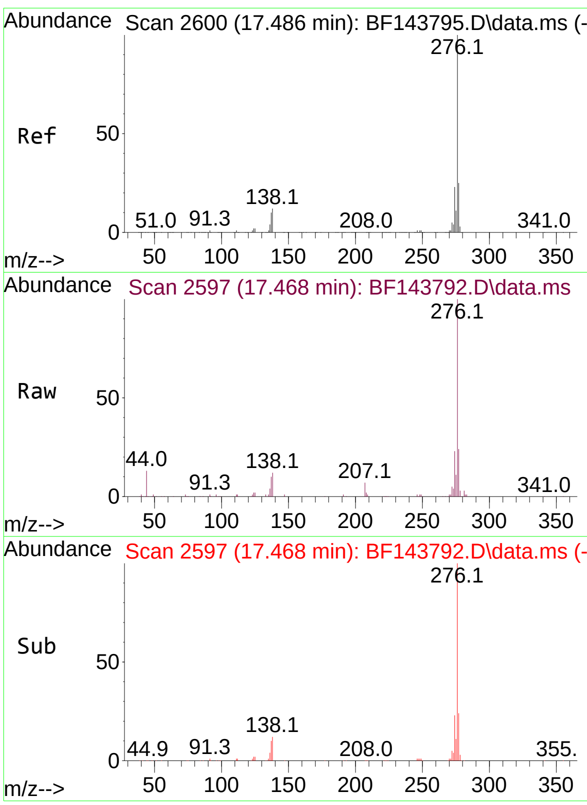
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

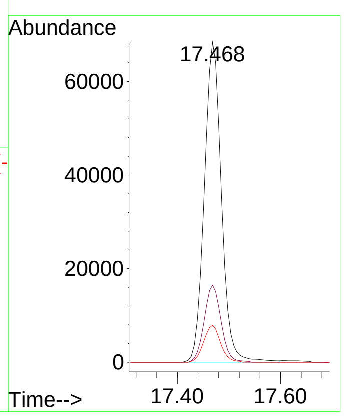



```
#91
Dibenzo(a,h)anthracene
Concen:    4.862 ng
RT:  17.039 min  Scan# 25
Delta R.T.   -0.029 min
Lab File:    BF143792.D
Acq: 23 Sep 2025  10:58

Tgt Ion:278 Resp:  167469
Ion  Ratio  Lower  Upper
278  100
139    8.5    6.7   10.1
279   24.5   19.3   28.9
```






```
#92
Benzo(g,h,i)perylene
Concen:    4.741 ng
RT:  17.468 min  Scan# 2597
Delta R.T.   -0.035 min
Lab File:    BF143792.D
Acq: 23 Sep 2025  10:58

Tgt Ion:276 Resp:  157425
Ion  Ratio  Lower  Upper
276  100
277   24.1   19.6   29.4
138   11.5    9.2   13.8
```



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
Data File : BF143793.D
Acq On : 23 Sep 2025 11:57
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

Quant Time: Sep 23 17:06:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 23 16:31:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	6.887	152	132313	20.000 ng	0.00
21) Naphthalene-d8	8.169	136	488285	20.000 ng	0.00
39) Acenaphthene-d10	9.922	164	239396	20.000 ng	0.00
64) Phenanthrene-d10	11.410	188	375125	20.000 ng	0.00
76) Chrysene-d12	14.051	240	430577	20.000 ng	-0.01
86) Perylene-d12	15.533	264	582350	20.000 ng	0.00
System Monitoring Compounds					
5) 2-Fluorophenol	5.487	112	166482	20.250 ng	-0.01
7) Phenol-d6	6.493	99	199435	20.556 ng	-0.02
23) Nitrobenzene-d5	7.440	82	150816	19.438 ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	72517	21.225 ng	0.00
45) 2-Fluorobiphenyl	9.239	172	353299	21.809 ng	0.00
79) Terphenyl-d14	12.998	244	449442	20.493 ng	0.00
Target Compounds					Qvalue
2) 1,4-Dioxane	2.640	88	38037	9.758 ng	97
3) Pyridine	3.410	79	100675	9.568 ng	99
4) n-Nitrosodimethylamine	3.334	42	49199	9.325 ng	97
6) Aniline	6.545	93	140265	10.271 ng	98
8) 2-Chlorophenol	6.663	128	82971	9.952 ng	99
9) Benzaldehyde	6.434	77	70550	8.562 ng	99
10) Phenol	6.510	94	113001	10.332 ng	96
11) bis(2-Chloroethyl)ether	6.616	93	87384	10.192 ng	97
12) 1,3-Dichlorobenzene	6.828	146	98776	10.204 ng	99
13) 1,4-Dichlorobenzene	6.904	146	99003	10.249 ng	99
14) 1,2-Dichlorobenzene	7.057	146	93067	10.172 ng	99
15) Benzyl Alcohol	7.016	79	67639	9.948 ng	98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	207456	10.204 ng	99
17) 2-Methylphenol	7.122	107	65621	10.167 ng	99
18) Hexachloroethane	7.398	117	33843	9.962 ng	98
19) n-Nitroso-di-n-propyla...	7.287	70	61660	10.190 ng	99
20) 3+4-Methylphenols	7.275	107	84574	10.760 ng	96
22) Acetophenone	7.287	105	113726	10.604 ng	99
24) Nitrobenzene	7.463	77	86488	9.782 ng	98
25) Isophorone	7.698	82	155268	9.989 ng	99
26) 2-Nitrophenol	7.781	139	25281	9.284 ng	99
27) 2,4-Dimethylphenol	7.810	122	68320	9.833 ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	104902	10.387 ng	99
29) 2,4-Dichlorophenol	8.016	162	69731	10.200 ng	97
30) 1,2,4-Trichlorobenzene	8.110	180	70340	9.914 ng	97
31) Naphthalene	8.187	128	249230	10.662 ng	99
32) Benzoic acid	7.875	122	30248	9.023 ng	97
33) 4-Chloroaniline	8.234	127	84740	10.316 ng	99
34) Hexachlorobutadiene	8.310	225	53434	10.103 ng	98
35) Caprolactam	8.563	113	16062	9.192 ng	96
36) 4-Chloro-3-methylphenol	8.704	107	63361	9.882 ng	97
37) 2-Methylnaphthalene	8.881	142	158654	10.644 ng	99
38) 1-Methylnaphthalene	8.981	142	150831	10.572 ng	98
40) 1,2,4,5-Tetrachloroben...	9.045	216	75923	10.509 ng	100
41) Hexachlorocyclopentadiene	9.034	237	40258	8.792 ng	99
43) 2,4,6-Trichlorophenol	9.151	196	42859	9.474 ng	99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
Data File : BF143793.D
Acq On : 23 Sep 2025 11:57
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Sep 23 17:06:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 23 16:31:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	46791	9.889 ng	98
46) 1,1'-Biphenyl	9.345	154	184443	10.644 ng	98
47) 2-Chloronaphthalene	9.369	162	146409	10.496 ng	100
48) 2-Nitroaniline	9.457	65	36451	8.646 ng	93
49) Acenaphthylene	9.781	152	198522	10.338 ng	100
50) Dimethylphthalate	9.633	163	147631	10.118 ng	100
51) 2,6-Dinitrotoluene	9.698	165	19239	8.025 ng	90
52) Acenaphthene	9.957	154	134197	10.619 ng	99
53) 3-Nitroaniline	9.869	138	25136	8.650 ng #	96
54) 2,4-Dinitrophenol	9.969	184	6231	11.233 ng #	1
55) Dibenzofuran	10.128	168	185710	10.393 ng	100
56) 4-Nitrophenol	10.016	139	23569	10.065 ng	98
57) 2,4-Dinitrotoluene	10.098	165	25096	9.543 ng	94
58) Fluorene	10.469	166	144778	10.898 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	36970	9.120 ng	100
60) Diethylphthalate	10.339	149	140054	10.254 ng	98
61) 4-Chlorophenyl-phenyle...	10.463	204	70883	10.472 ng	99
62) 4-Nitroaniline	10.475	138	24435	8.943 ng	98
63) Azobenzene	10.622	77	146130	10.152 ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	8417	10.867 ng	98
66) n-Nitrosodiphenylamine	10.580	169	126584	10.261 ng	98
67) 4-Bromophenyl-phenylether	10.957	248	62547	9.784 ng	99
68) Hexachlorobenzene	11.016	284	88177	10.009 ng	98
69) Atrazine	11.104	200	35762	10.010 ng	97
70) Pentachlorophenol	11.210	266	33783	7.704 ng	98
71) Phenanthrene	11.433	178	200025	10.386 ng	99
72) Anthracene	11.486	178	200505	10.379 ng	97
73) Carbazole	11.639	167	174601	10.337 ng	98
74) Di-n-butylphthalate	11.975	149	189120	9.736 ng	99
75) Fluoranthene	12.627	202	196207	10.129 ng	100
77) Benzidine	12.751	184	94401	8.997 ng	99
78) Pyrene	12.857	202	211336	9.983 ng	99
80) Butylbenzylphthalate	13.474	149	64090	8.751 ng	99
81) Benzo(a)anthracene	14.045	228	232722	10.061 ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	91789	9.160 ng	99
83) Chrysene	14.080	228	212098	10.133 ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	102600	9.557 ng	98
85) Di-n-octyl phthalate	14.651	149	165178	8.482 ng	99
87) Indeno(1,2,3-cd)pyrene	17.021	276	415337	9.400 ng	99
88) Benzo(b)fluoranthene	15.098	252	292308	9.857 ng	99
89) Benzo(k)fluoranthene	15.127	252	292238	9.808 ng	99
90) Benzo(a)pyrene	15.468	252	267775	9.606 ng	99
91) Dibenzo(a,h)anthracene	17.039	278	345636	9.564 ng	98
92) Benzo(g,h,i)perylene	17.468	276	324982	9.329 ng	99

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

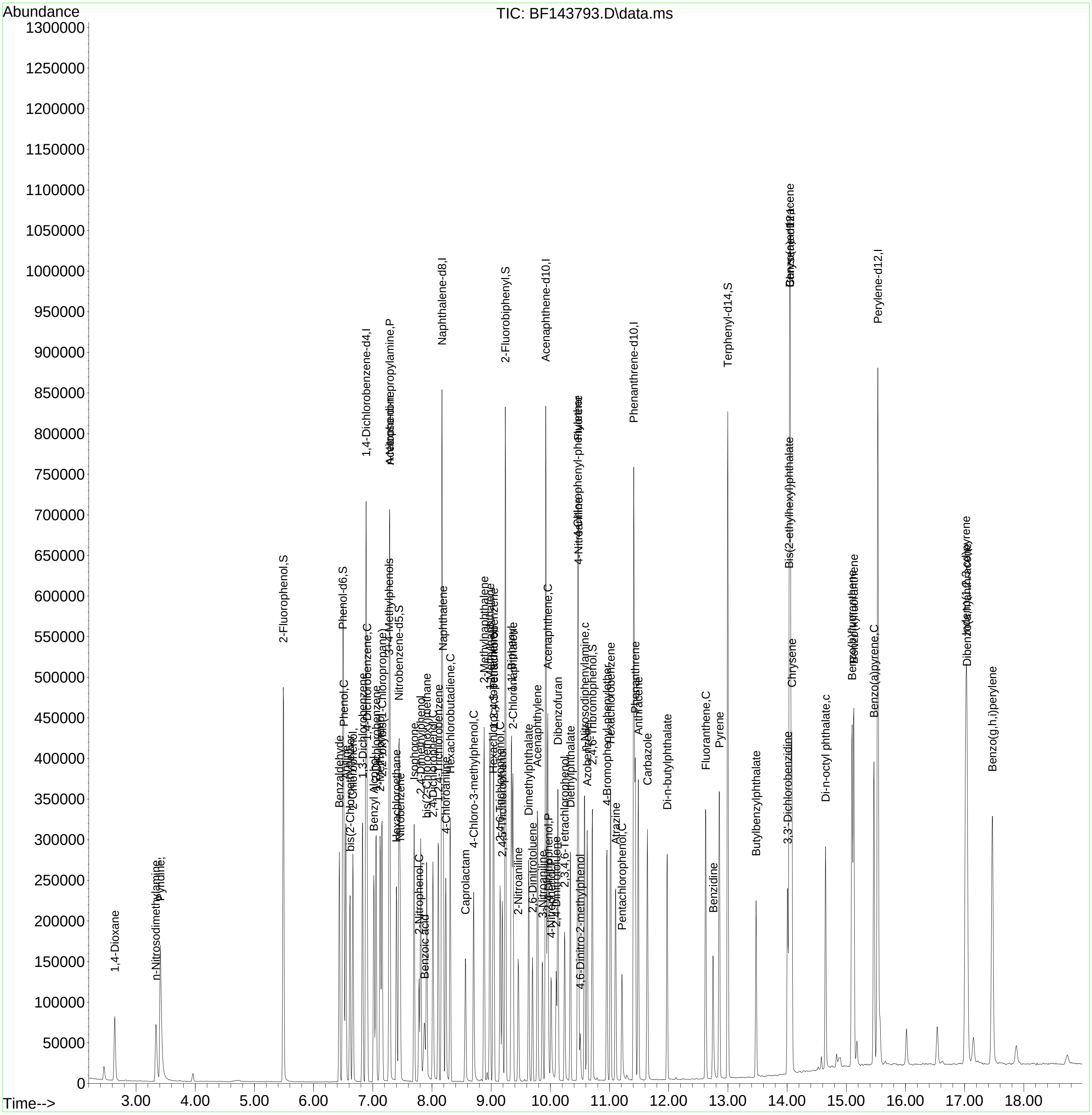
Quantitation Report (QT Reviewed)

ICAL Form

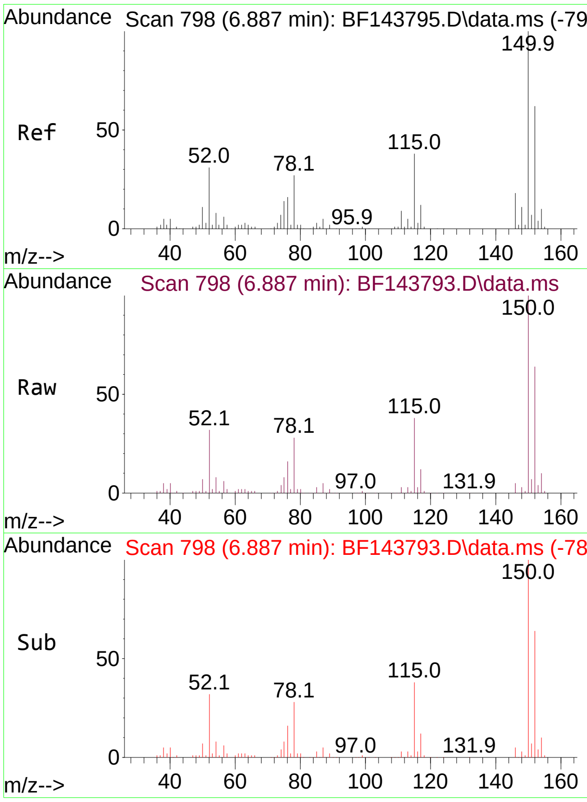
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
Data File : BF143793.D
Acq On : 23 Sep 2025 11:57
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Sep 23 17:06:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 23 16:31:21 2025
Response via : Initial Calibration



ICAL Form

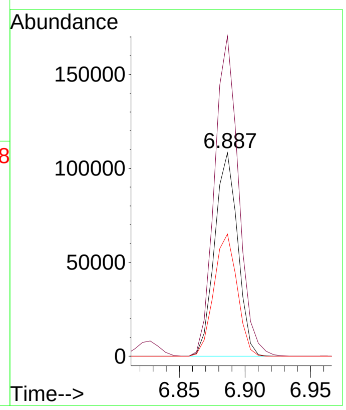


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min   Scan# 79
Delta R.T.   -0.000 min
Lab File: BF143793.D
Acq: 23 Sep 2025   11:57

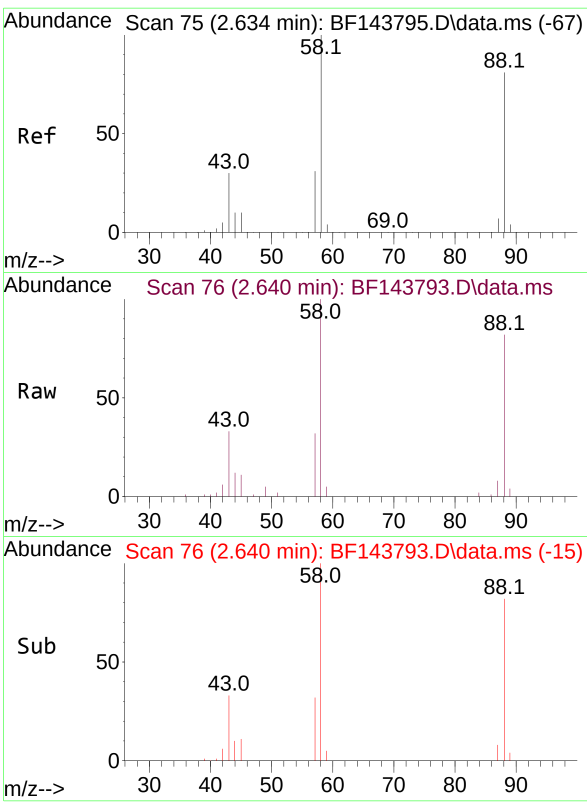
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 132313

Ion	Ratio	Lower	Upper
152	100		
150	157.4	129.6	194.4
115	60.0	49.0	73.4



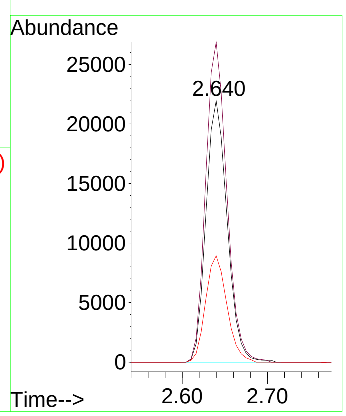
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18



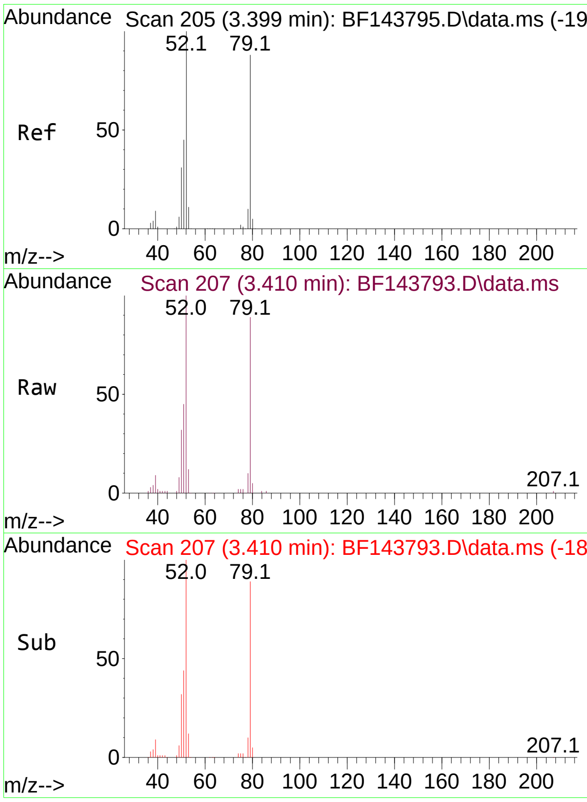
#2
1,4-Dioxane
Concen: 9.758 ng
RT: 2.640 min   Scan# 76
Delta R.T.   0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025   11:57

Tgt Ion: 88 Resp: 38037

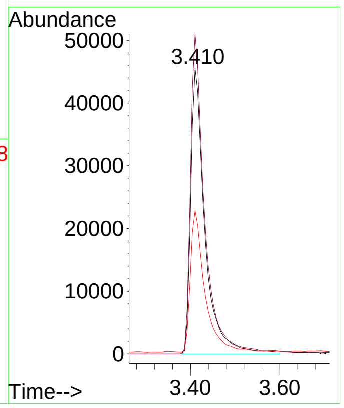
Ion	Ratio	Lower	Upper
88	100		
58	121.6	99.4	149.2
43	40.9	30.6	45.8

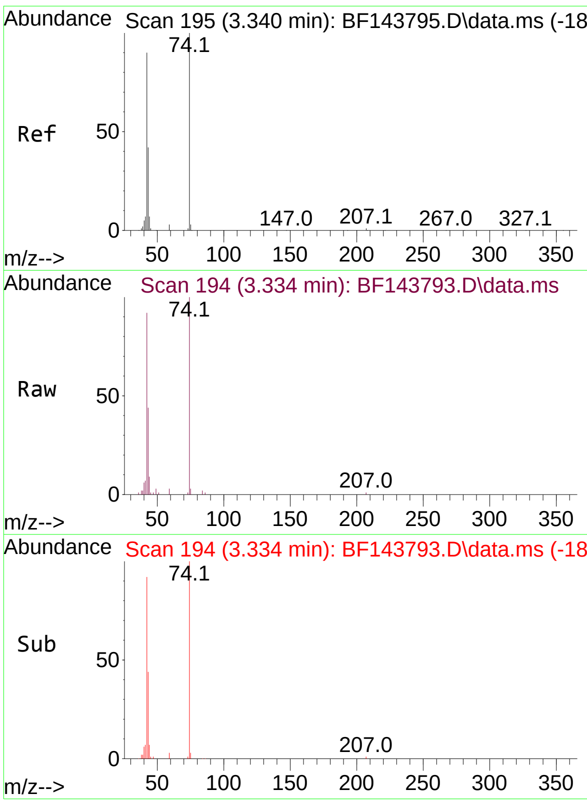


Instrument : BNA_F
ClientSampleId : SSTDICC010

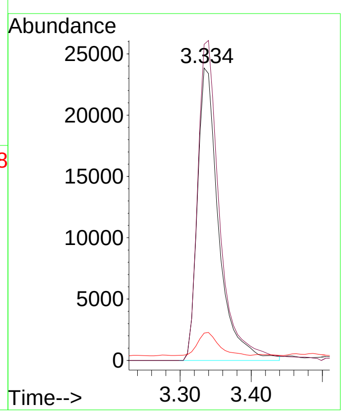



```
#3
Pyridine
Concen:     9.568 ng
RT:    3.410 min   Scan# 20
Delta R.T.   0.012 min
Lab File:    BF143793.D
Acq: 23 Sep 2025   11:57

Tgt Ion: 79 Resp:   100675
Ion   Ratio   Lower   Upper
 79   100
 52   112.2    90.5   135.7
 51    50.3    40.6    61.0
```

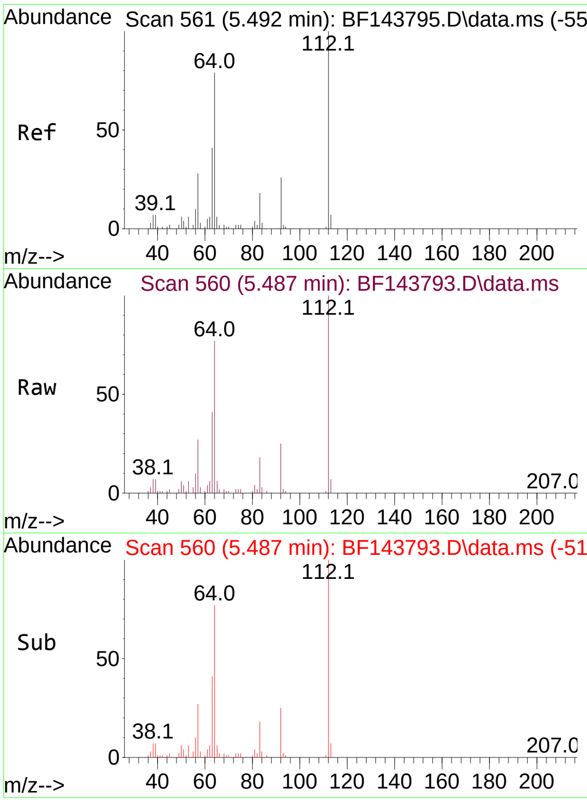




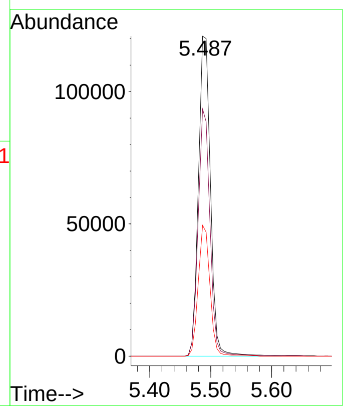

```
#4
n-Nitrosodimethylamine
Concen:     9.325 ng
RT:    3.334 min   Scan# 194
Delta R.T.   -0.023 min
Lab File:    BF143793.D
Acq: 23 Sep 2025   11:57

Tgt Ion: 42 Resp:    49199
Ion   Ratio   Lower   Upper
 42   100
 74   108.1    89.1   133.7
 44     9.3     6.4     9.6
```

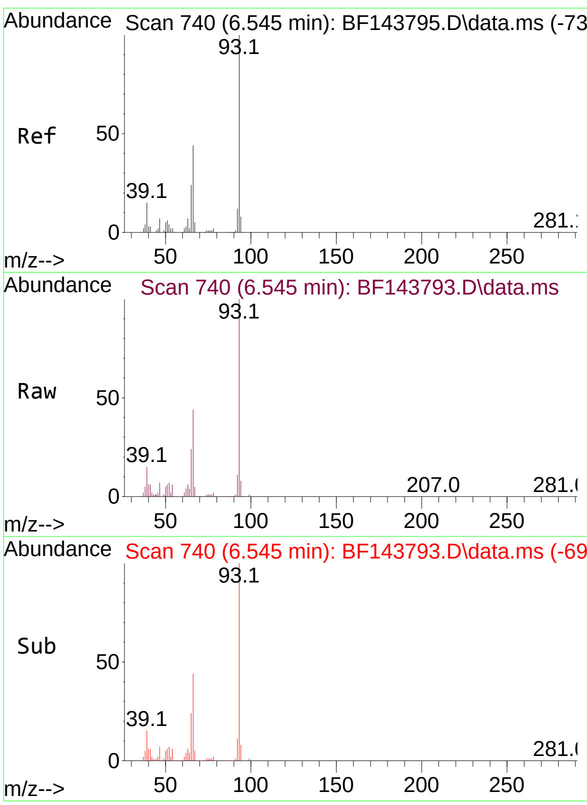


Instrument :
BNA_F
ClientSampleId :
SSTDICC010

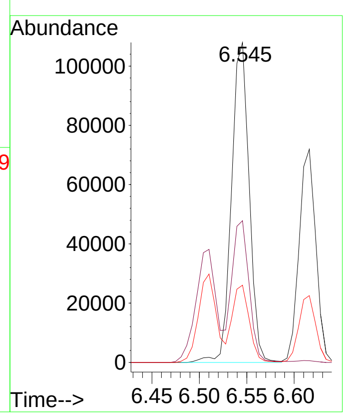



```
#5
2-Fluorophenol
Concen:   20.250 ng
RT:   5.487 min  Scan# 5
Delta R.T.  -0.012 min
Lab File:   BF143793.D
Acq: 23 Sep 2025  11:57

Tgt Ion:112 Resp:  166482
Ion  Ratio  Lower  Upper
112  100
 64   77.2   63.0   94.4
 63   40.9   32.6   49.0
```

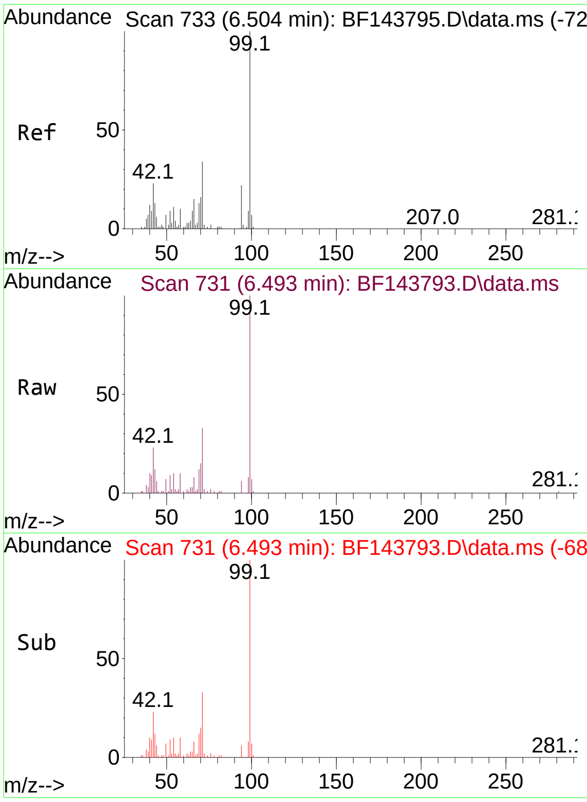





```
#6
Aniline
Concen:   10.271 ng
RT:   6.545 min  Scan# 740
Delta R.T.  -0.006 min
Lab File:   BF143793.D
Acq: 23 Sep 2025  11:57

Tgt Ion: 93 Resp:  140265
Ion  Ratio  Lower  Upper
 93  100
 66   44.3   37.1   55.7
 65   24.1   19.4   29.0
```



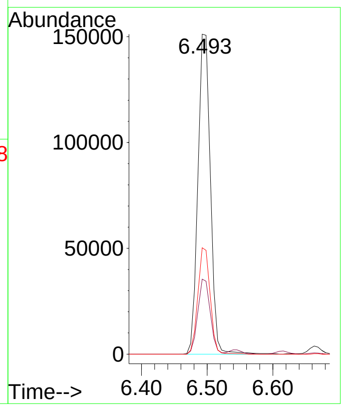
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

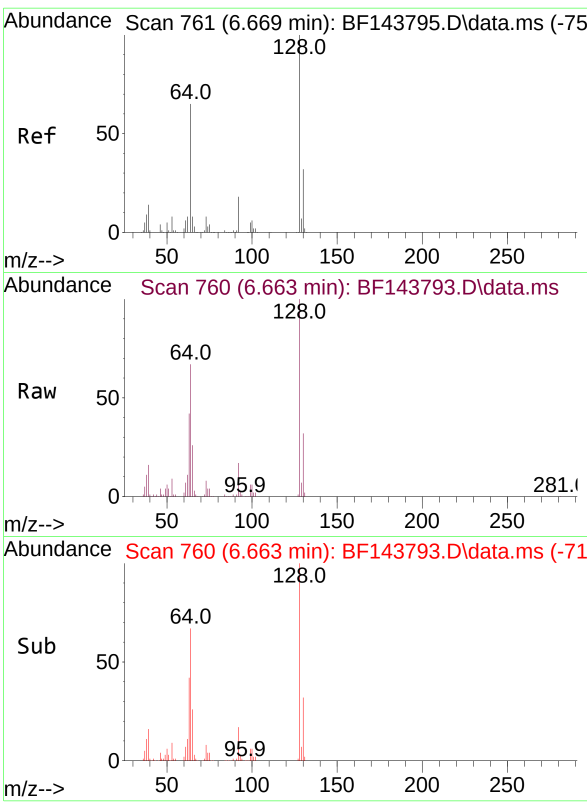


#7
Phenol-d6
Concen: 20.556 ng
RT: 6.493 min Scan# 731
Delta R.T. -0.018 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion: 99 Resp: 199435

Ion	Ratio	Lower	Upper
99	100		
42	23.4	18.6	28.0
71	33.2	27.0	40.4

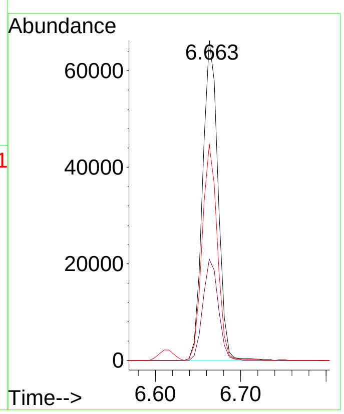




#8
2-Chlorophenol
Concen: 9.952 ng
RT: 6.663 min Scan# 760
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion:128 Resp: 82971

Ion	Ratio	Lower	Upper
128	100		
130	31.7	12.2	52.2
64	67.4	46.5	86.5



1
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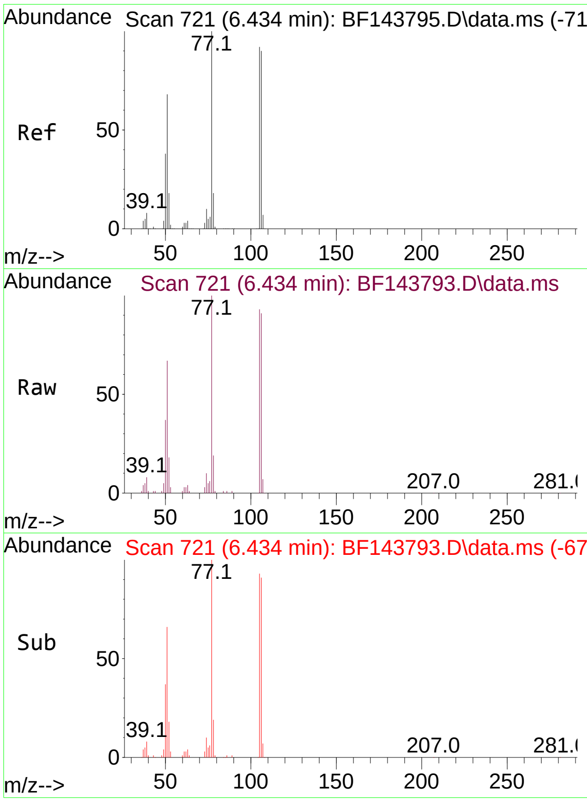
18

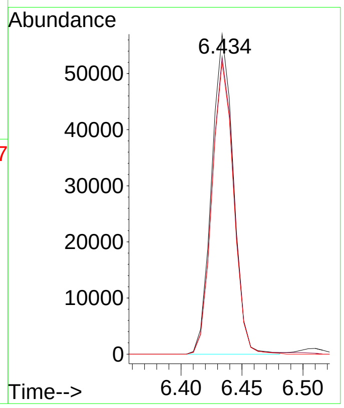
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

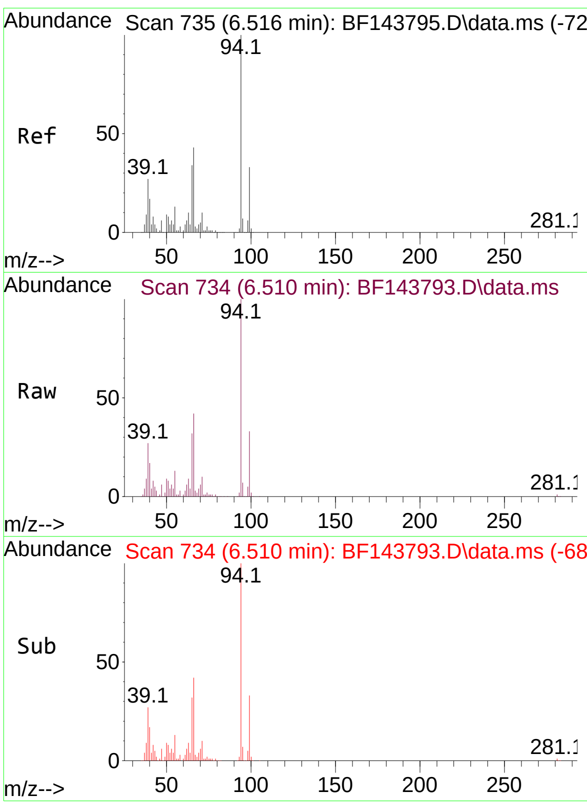


#9
Benzaldehyde
Concen: 8.562 ng
RT: 6.434 min Scan# 721
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion: 77 Resp: 70550

Ion	Ratio	Lower	Upper
77	100		
105	92.9	71.8	111.8
106	91.3	69.8	109.8

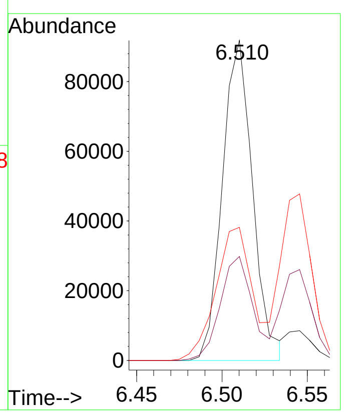




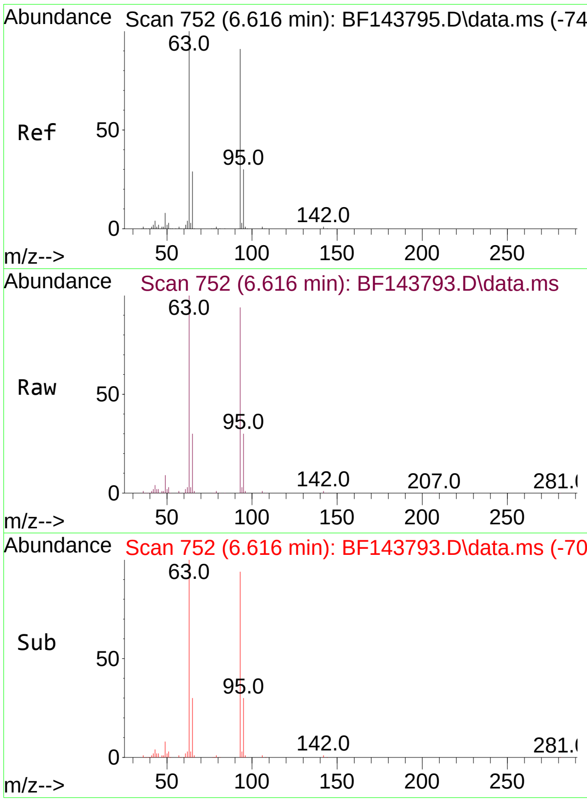
#10
Phenol
Concen: 10.332 ng
RT: 6.510 min Scan# 734
Delta R.T. -0.018 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion: 94 Resp: 113001

Ion	Ratio	Lower	Upper
94	100		
65	32.5	14.2	54.2
66	41.6	24.1	64.1



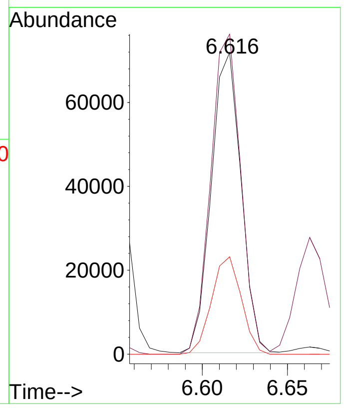
Instrument : BNA_F
ClientSampleId : SSTDICC010

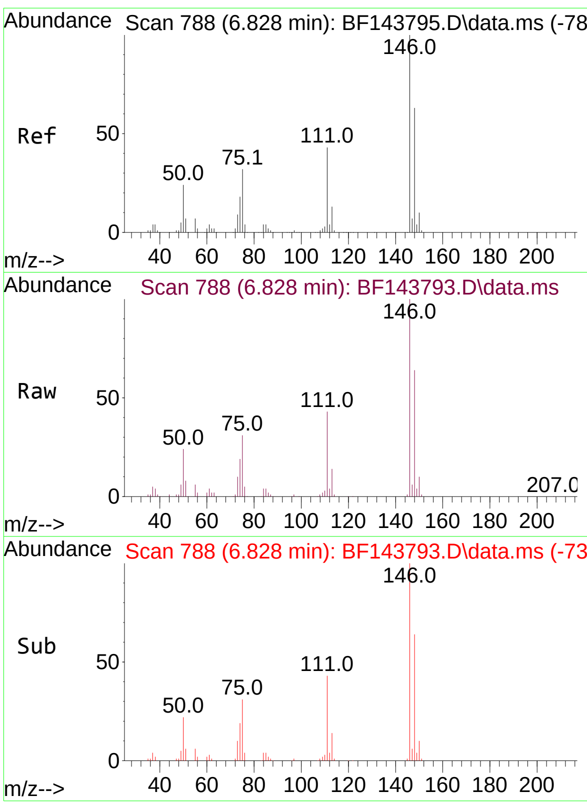


#11
bis(2-Chloroethyl)ether
Concen: 10.192 ng
RT: 6.616 min Scan# 75
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion: 93 Resp: 87384

Ion	Ratio	Lower	Upper
93	100		
63	106.1	89.2	129.2
95	32.3	12.9	52.9

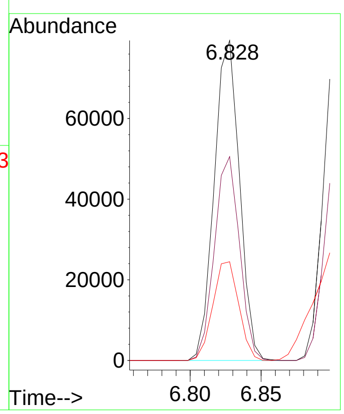




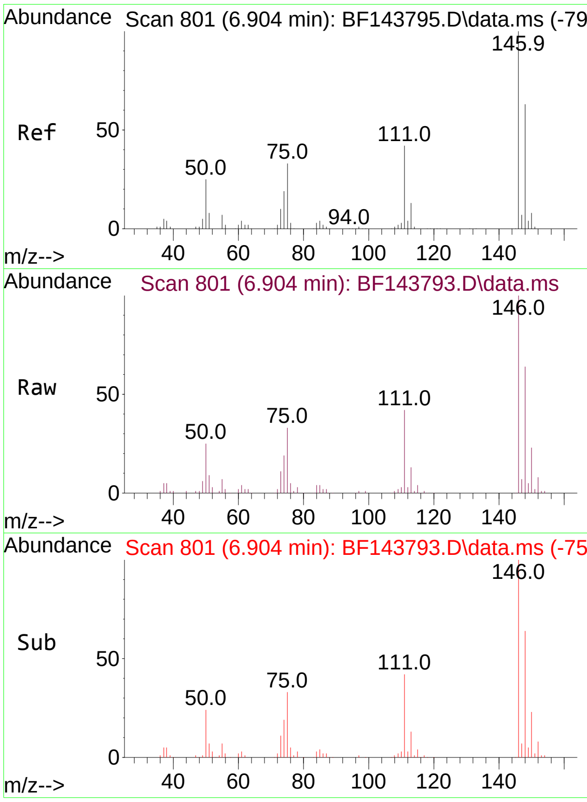
#12
1,3-Dichlorobenzene
Concen: 10.204 ng
RT: 6.828 min Scan# 788
Delta R.T. 0.000 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion:146 Resp: 98776

Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.4	75.6
75	30.8	25.6	38.4



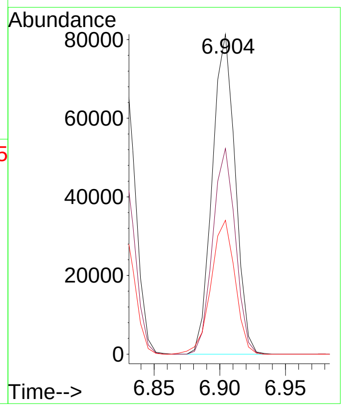
Instrument : BNA_F
ClientSampleId : SSTDICC010

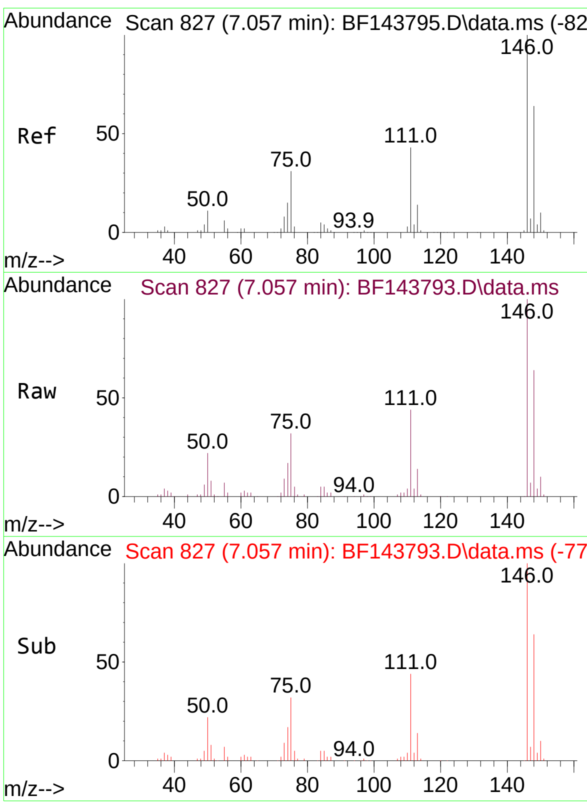


#13
1,4-Dichlorobenzene
Concen: 10.249 ng
RT: 6.904 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion:146 Resp: 99003

Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.7	76.1
111	41.8	33.4	50.2

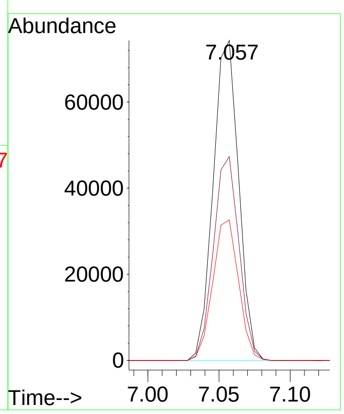


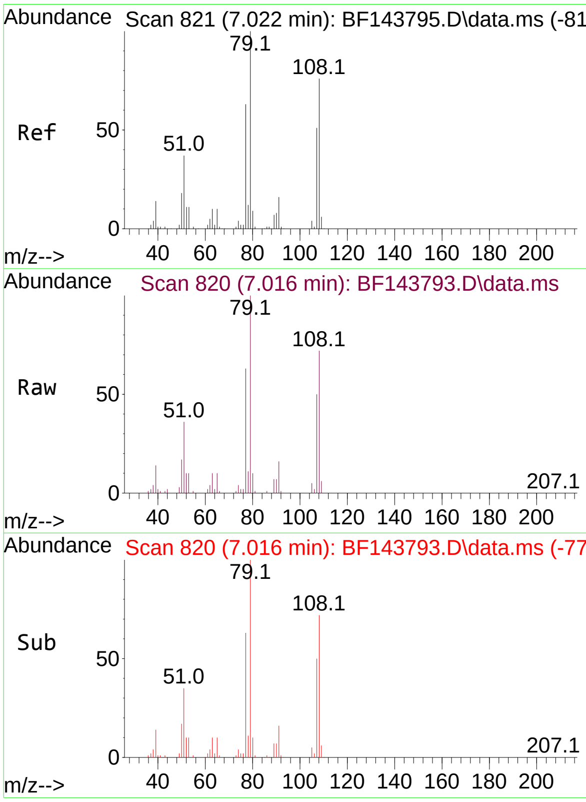


#14
1,2-Dichlorobenzene
Concen: 10.172 ng
RT: 7.057 min Scan# 827
Delta R.T. 0.000 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion:146 Resp: 93067

Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.1	76.7
111	43.9	34.3	51.5



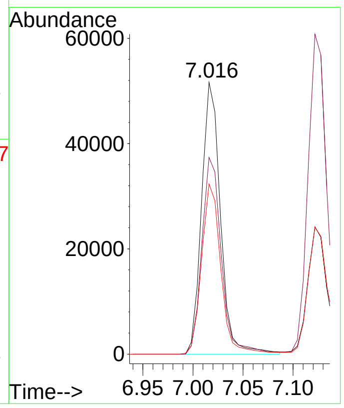


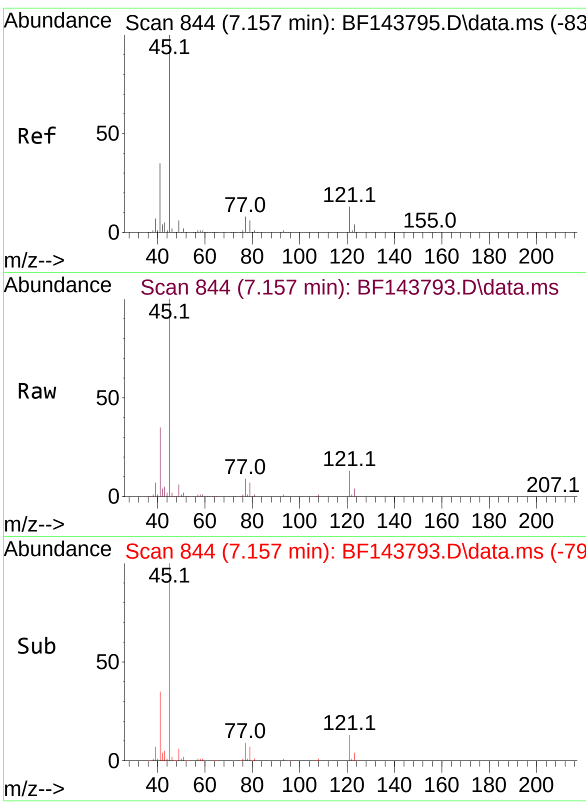
#15
Benzyl Alcohol
Concen: 9.948 ng
RT: 7.016 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 79 Resp: 67639

Ion	Ratio	Lower	Upper
79	100		
108	72.4	60.5	90.7
77	62.6	50.3	75.5

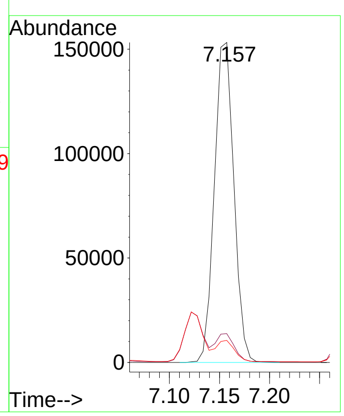




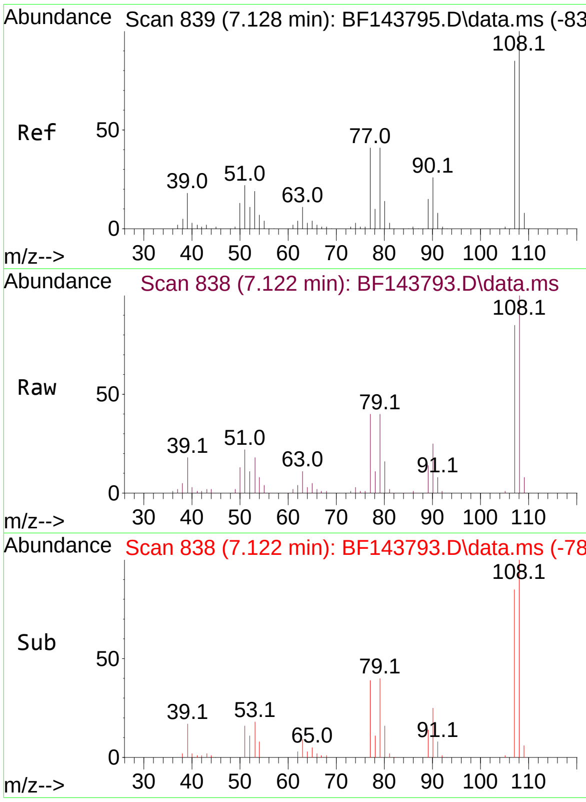
#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.204 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion: 45 Resp: 207456

Ion	Ratio	Lower	Upper
45	100		
77	9.0	0.0	28.5
79	6.9	0.0	26.3



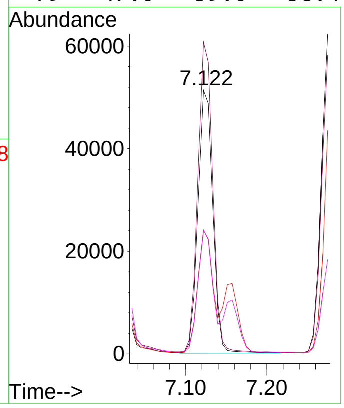
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

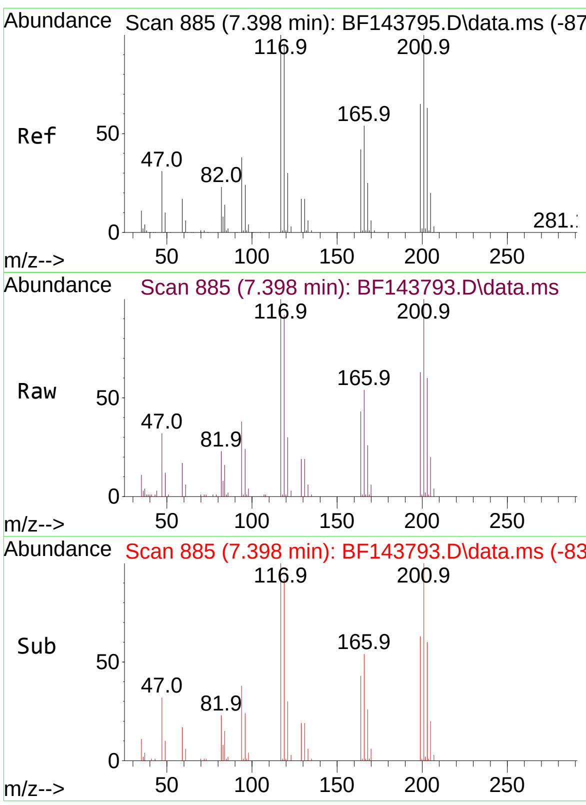


#17
2-Methylphenol
Concen: 10.167 ng
RT: 7.122 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion:107 Resp: 65621

Ion	Ratio	Lower	Upper
107	100		
108	118.3	94.2	141.4
77	46.9	38.6	58.0
79	47.0	39.0	58.4

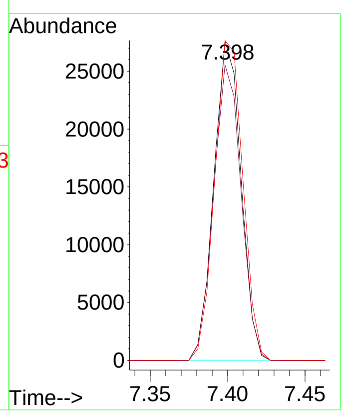




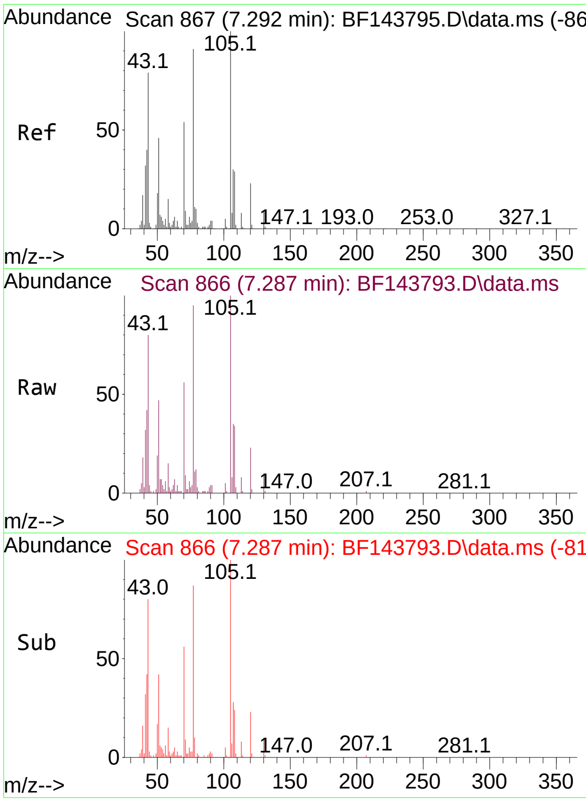
#18
Hexachloroethane
Concen: 9.962 ng
RT: 7.398 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion:117 Resp: 33843

Ion	Ratio	Lower	Upper
117	100		
119	92.5	76.2	114.2
201	100.2	79.7	119.5



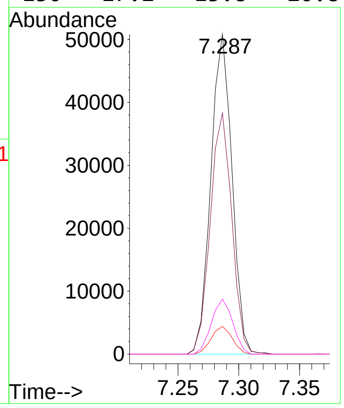
Instrument : BNA_F
ClientSampleId : SSTDICC010

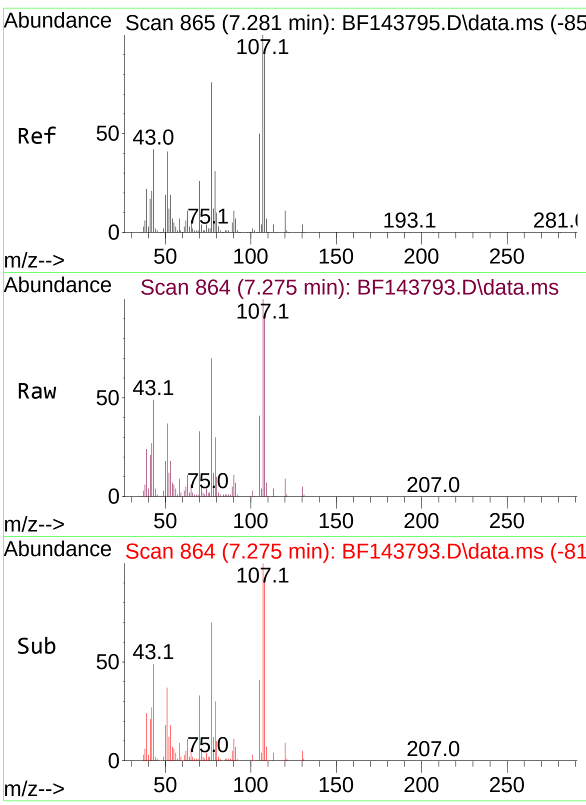


#19
n-Nitroso-di-n-propylamine
Concen: 10.190 ng
RT: 7.287 min Scan# 86
Delta R.T. -0.018 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion: 70 Resp: 61660

Ion	Ratio	Lower	Upper
70	100		
42	75.4	59.4	89.0
101	8.7	7.1	10.7
130	17.2	13.8	20.8

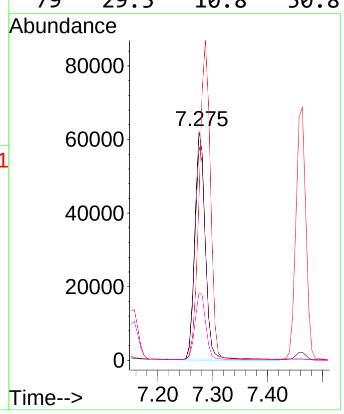




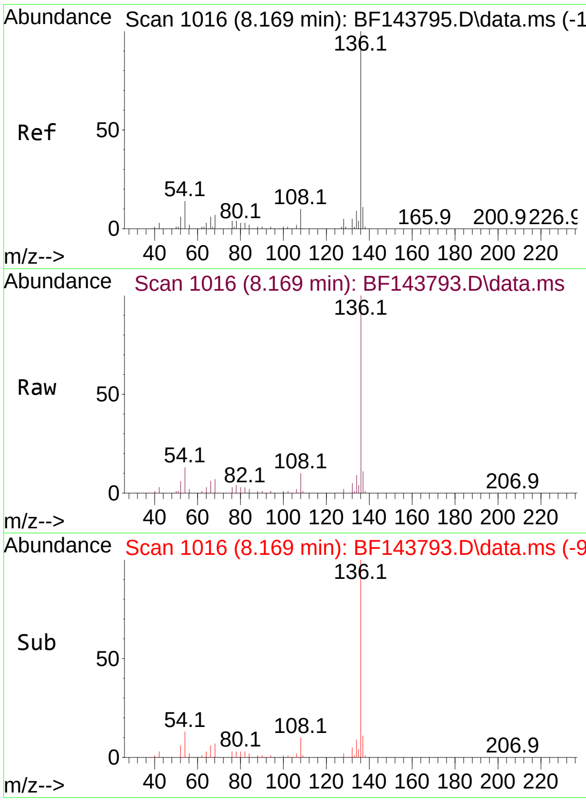
#20
3+4-Methylphenols
Concen: 10.760 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.012 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion:107 Resp: 84574

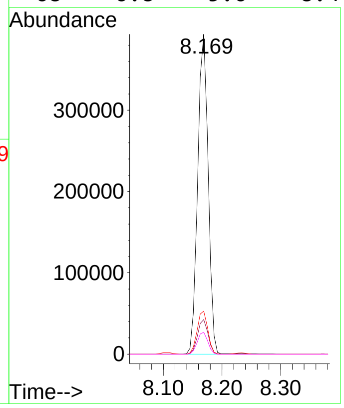
Ion	Ratio	Lower	Upper
107	100		
108	93.3	72.5	112.5
77	69.9	56.2	96.2
79	29.5	10.8	50.8

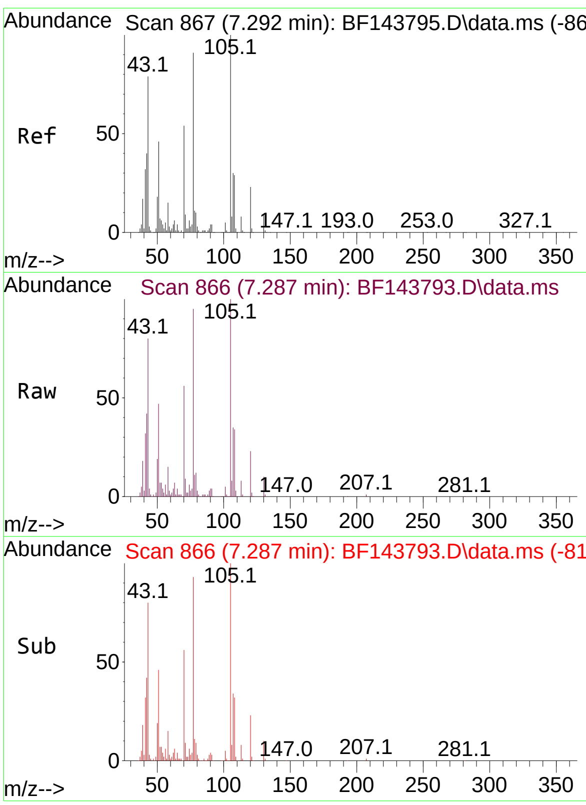


Instrument :
BNA_F
ClientSampleId :
SSTDICC010

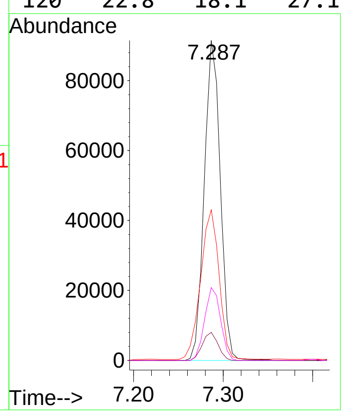



```
#21
Naphthalene-d8
Concen:   20.000 ng
RT:   8.169 min  Scan# 10
Delta R.T.   -0.000 min
Lab File:   BF143793.D
Acq: 23 Sep 2025   11:57

Tgt Ion:136 Resp:   488285
Ion   Ratio   Lower   Upper
136   100
137    10.8     9.0    13.4
 54    13.4    11.2    16.8
 68     6.8     5.6     8.4
```



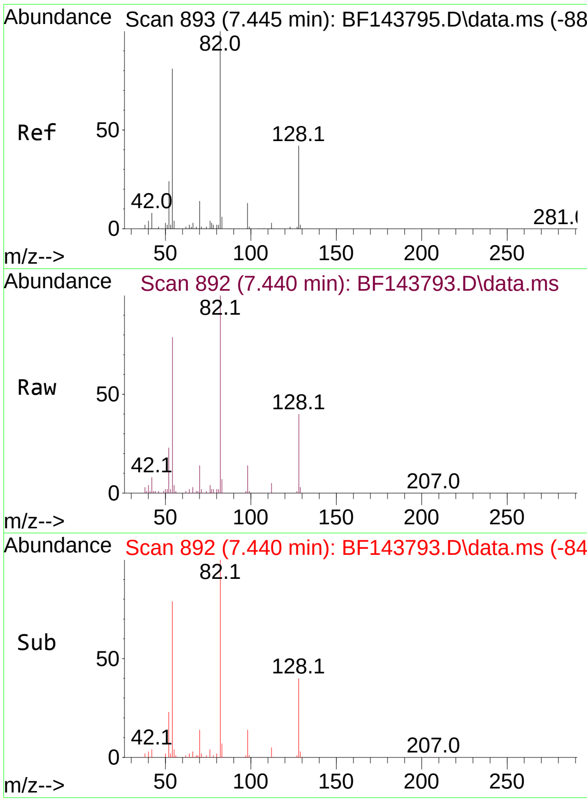



```
#22
Acetophenone
Concen:   10.604 ng
RT:   7.287 min  Scan# 866
Delta R.T.   -0.012 min
Lab File:   BF143793.D
Acq: 23 Sep 2025   11:57

Tgt Ion:105 Resp:   113726
Ion   Ratio   Lower   Upper
105   100
 71     8.8     7.0    10.4
 51    47.0    36.6    55.0
120    22.8    18.1    27.1
```



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

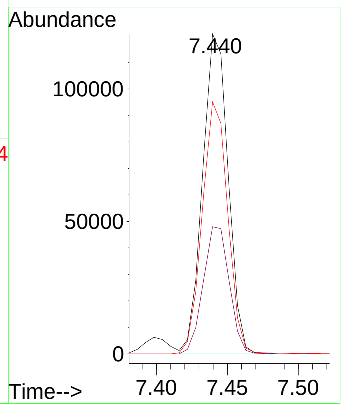
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

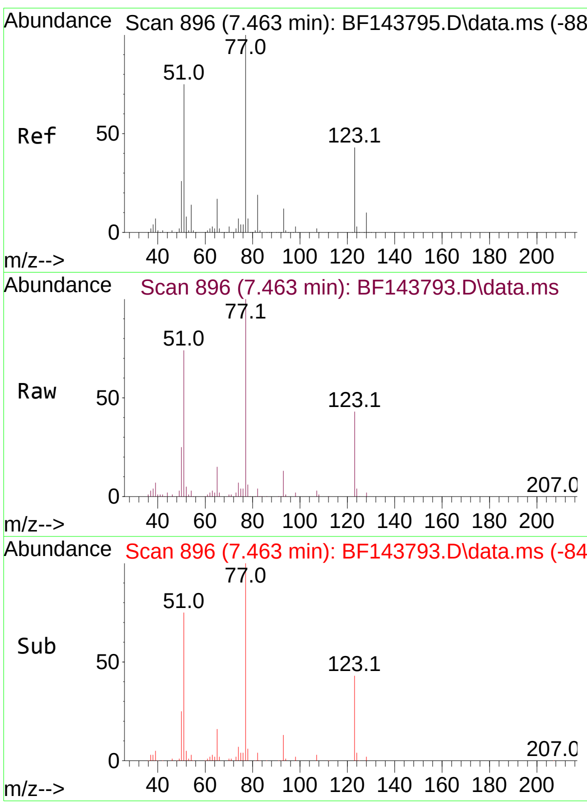


#23
Nitrobenzene-d5
Concen: 19.438 ng
RT: 7.440 min Scan# 89
Delta R.T. -0.012 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion: 82 Resp: 150816

Ion	Ratio	Lower	Upper
82	100		
128	39.7	33.3	49.9
54	78.8	64.2	96.4

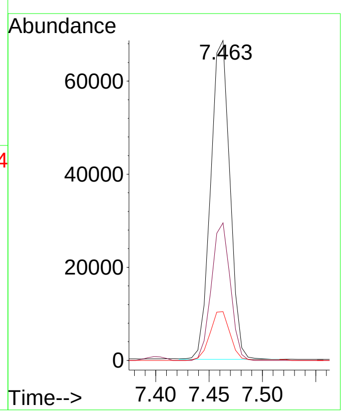




#24
Nitrobenzene
Concen: 9.782 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion: 77 Resp: 86488

Ion	Ratio	Lower	Upper
77	100		
123	43.0	34.0	51.0
65	15.2	13.5	20.3



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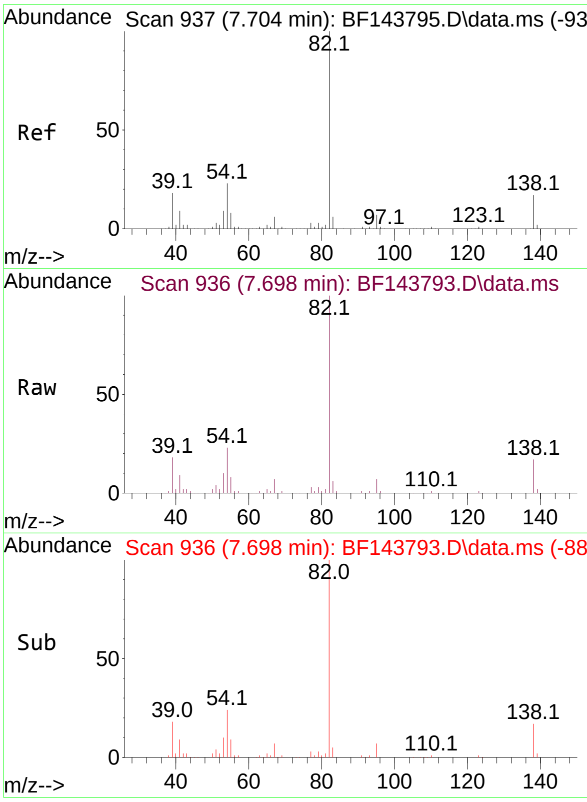
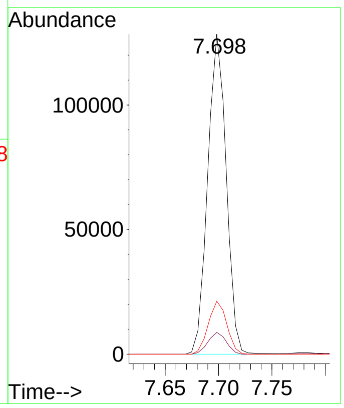
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

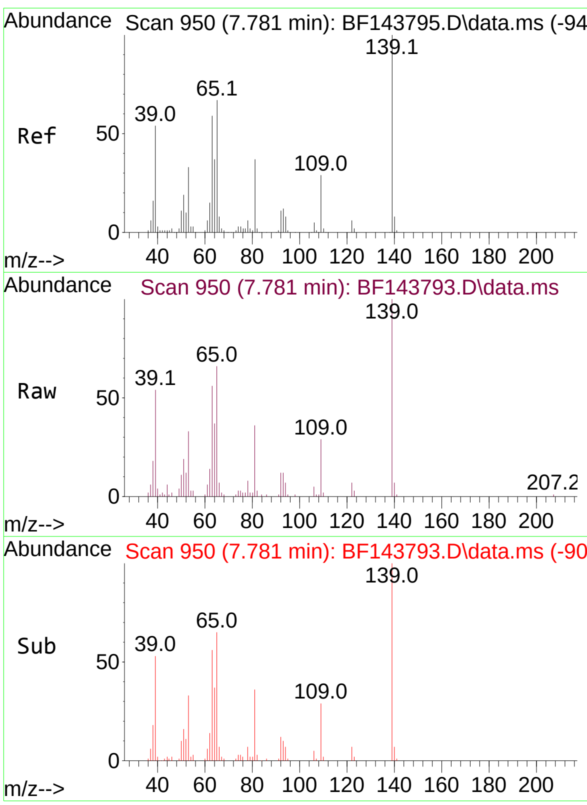


#25
Isophorone
Concen: 9.989 ng
RT: 7.698 min   Scan# 9
Delta R.T.   -0.012 min
Lab File: BF143793.D
Acq: 23 Sep 2025   11:57

Tgt Ion: 82 Resp: 155268

Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.4	8.2
138	16.5	13.7	20.5

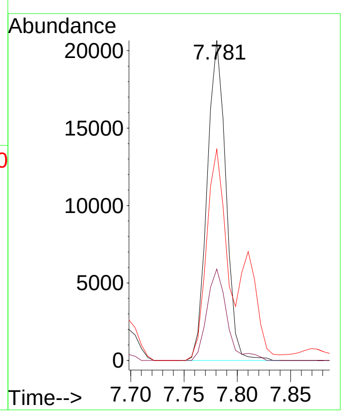




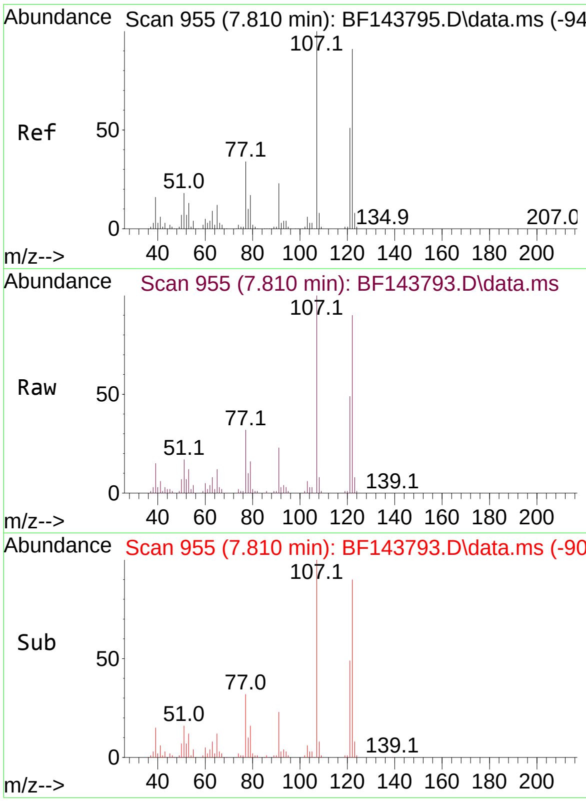
#26
2-Nitrophenol
Concen: 9.284 ng
RT: 7.781 min   Scan# 950
Delta R.T.   -0.005 min
Lab File: BF143793.D
Acq: 23 Sep 2025   11:57

Tgt Ion:139 Resp: 25281

Ion	Ratio	Lower	Upper
139	100		
109	28.5	23.3	34.9
65	66.0	53.8	80.6



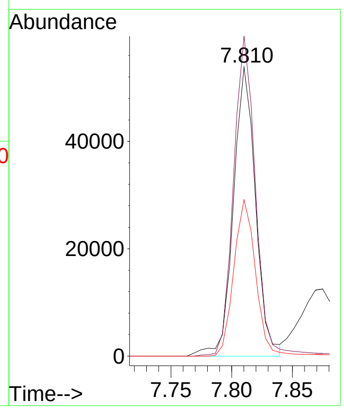
Instrument : BNA_F
ClientSampleId : SSTDICC010

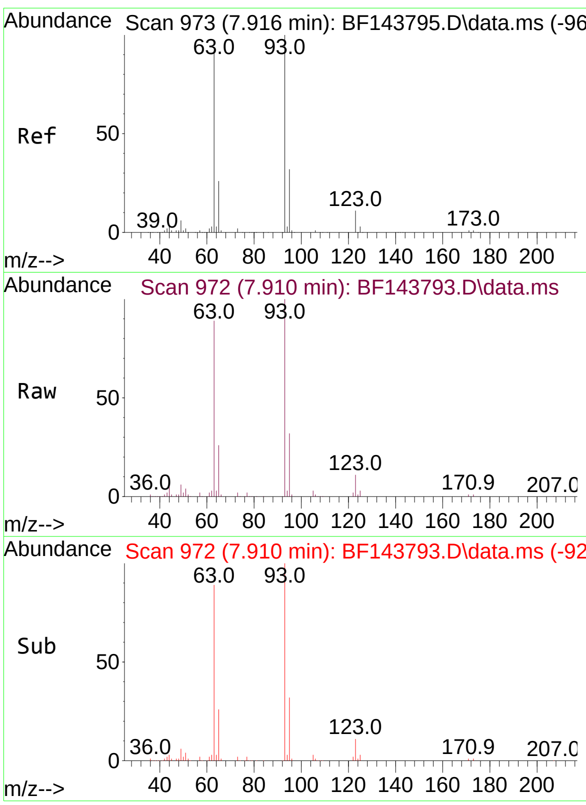


#27
2,4-Dimethylphenol
Concen: 9.833 ng
RT: 7.810 min Scan# 95
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion:122 Resp: 68320

Ion	Ratio	Lower	Upper
122	100		
107	110.8	87.5	131.3
121	54.2	44.2	66.4

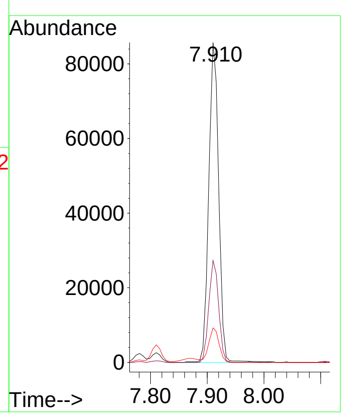




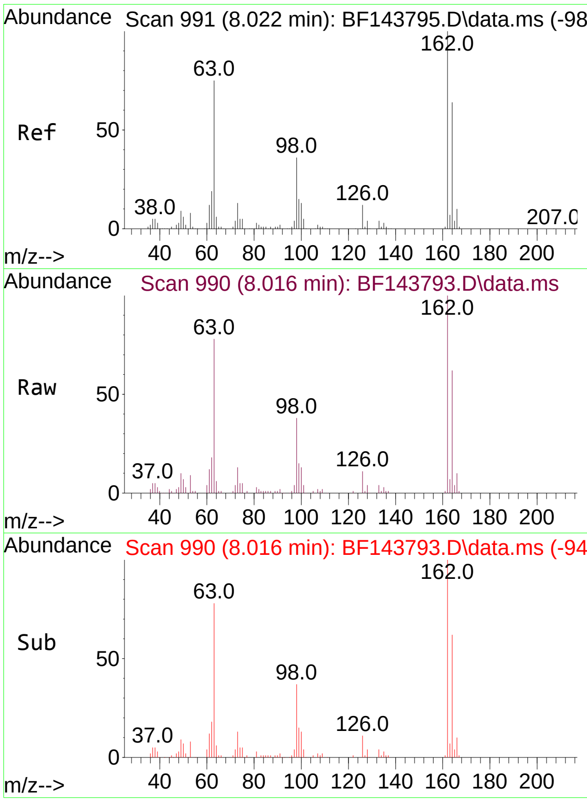
#28
bis(2-Chloroethoxy)methane
Concen: 10.387 ng
RT: 7.910 min Scan# 972
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion: 93 Resp: 104902

Ion	Ratio	Lower	Upper
93	100		
95	31.8	25.8	38.8
123	10.8	8.8	13.2



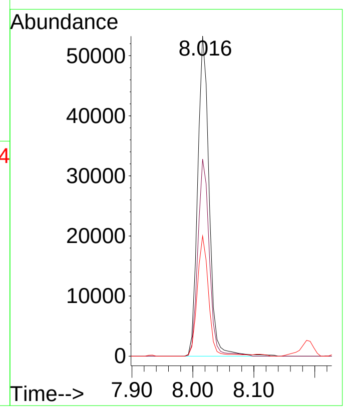
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

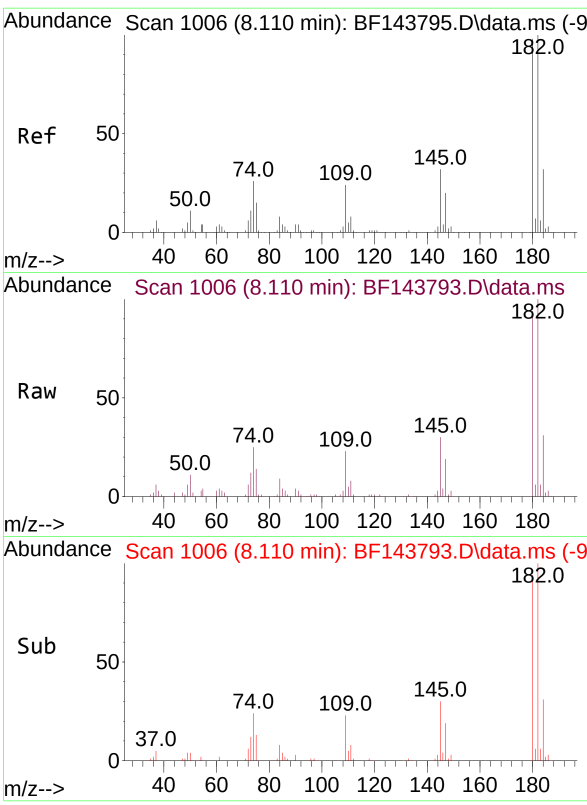


#29
2,4-Dichlorophenol
Concen: 10.200 ng
RT: 8.016 min Scan# 99
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion:162 Resp: 69731

Ion	Ratio	Lower	Upper
162	100		
164	61.5	44.1	84.1
98	37.5	15.8	55.8

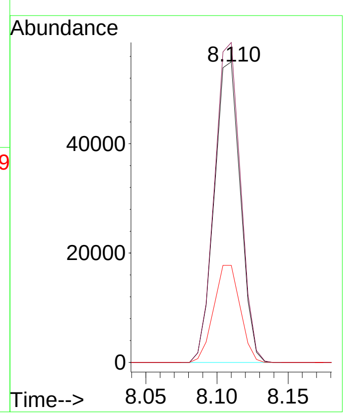




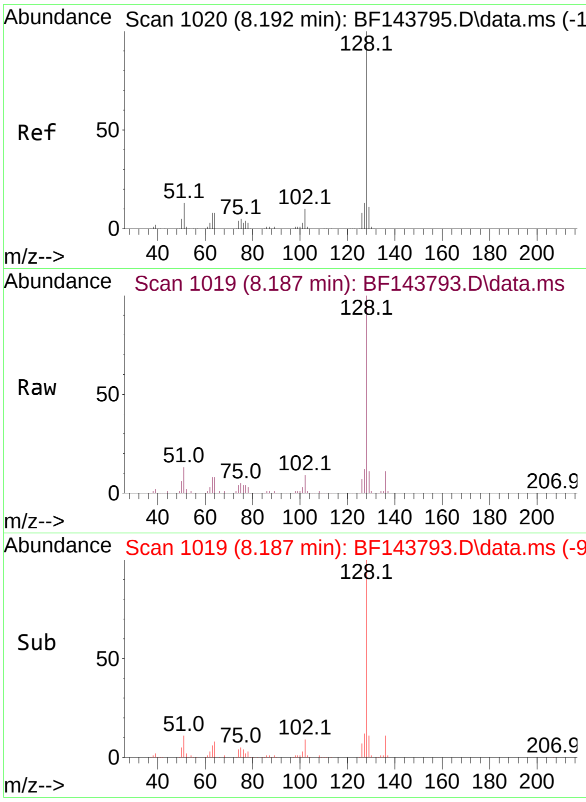
#30
1,2,4-Trichlorobenzene
Concen: 9.914 ng
RT: 8.110 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion:180 Resp: 70340

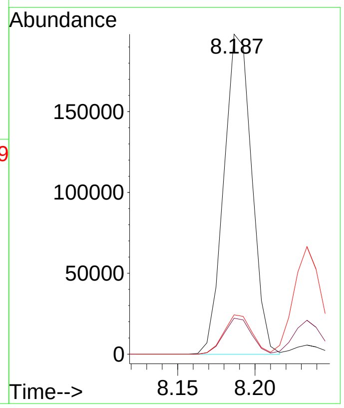
Ion	Ratio	Lower	Upper
180	100		
182	106.5	82.0	123.0
145	32.3	25.9	38.9

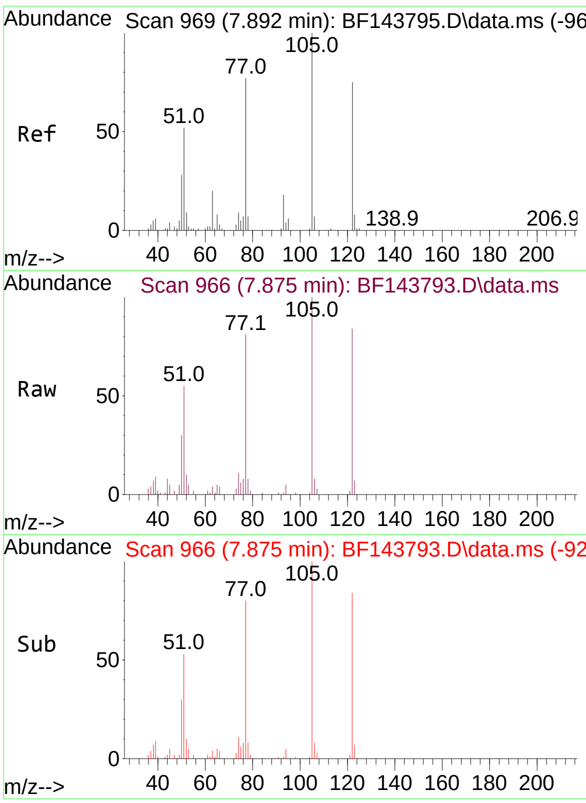


Instrument : BNA_F
ClientSampleId : SSTDICC010

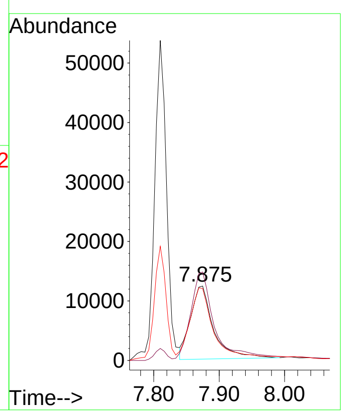



```
#31
Naphthalene
Concen:   10.662 ng
RT:    8.187 min   Scan# 10
Delta R.T.   -0.006 min
Lab File:    BF143793.D
Acq: 23 Sep 2025   11:57

Tgt Ion:128 Resp:   249230
Ion   Ratio   Lower   Upper
128   100
129    11.3     8.8    13.2
127    12.3    10.2    15.4
```

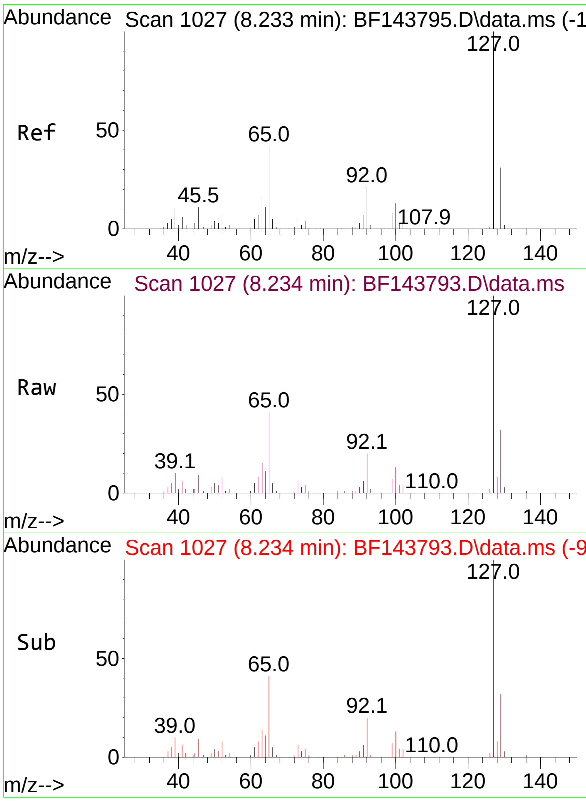





```
#32
Benzoic acid
Concen:    9.023 ng
RT:    7.875 min   Scan# 966
Delta R.T.   -0.047 min
Lab File:    BF143793.D
Acq: 23 Sep 2025   11:57

Tgt Ion:122 Resp:    30248
Ion   Ratio   Lower   Upper
122   100
105   118.9   103.7   143.7
 77    96.9    78.8   118.8
```



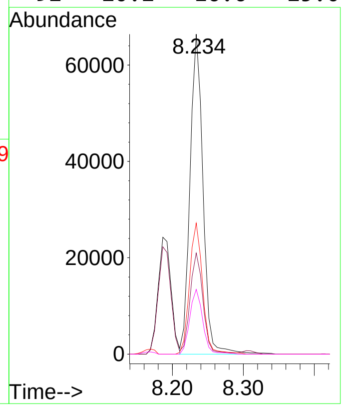
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

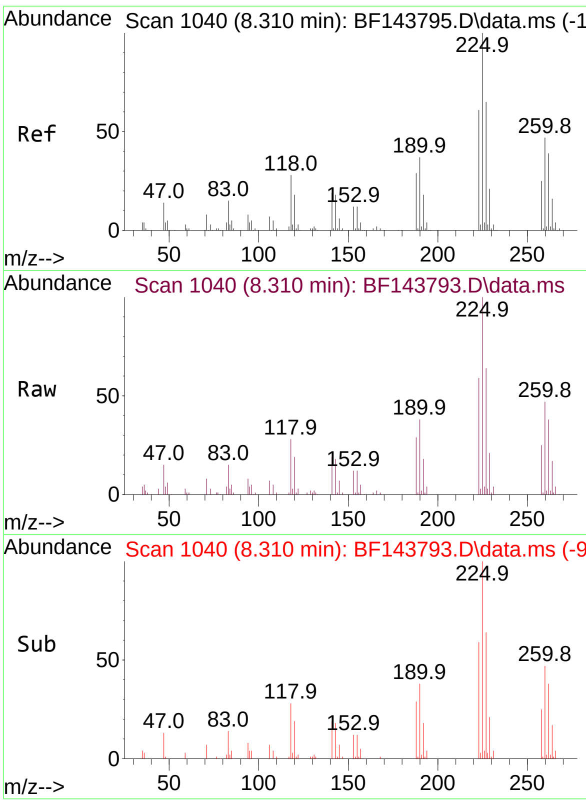


#33
4-Chloroaniline
Concen: 10.316 ng
RT: 8.234 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion:127 Resp: 84740

Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.4	38.2
65	40.9	33.4	50.2
92	20.2	16.6	25.0

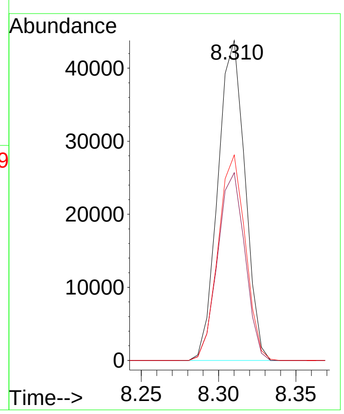




#34
Hexachlorobutadiene
Concen: 10.103 ng
RT: 8.310 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion:225 Resp: 53434

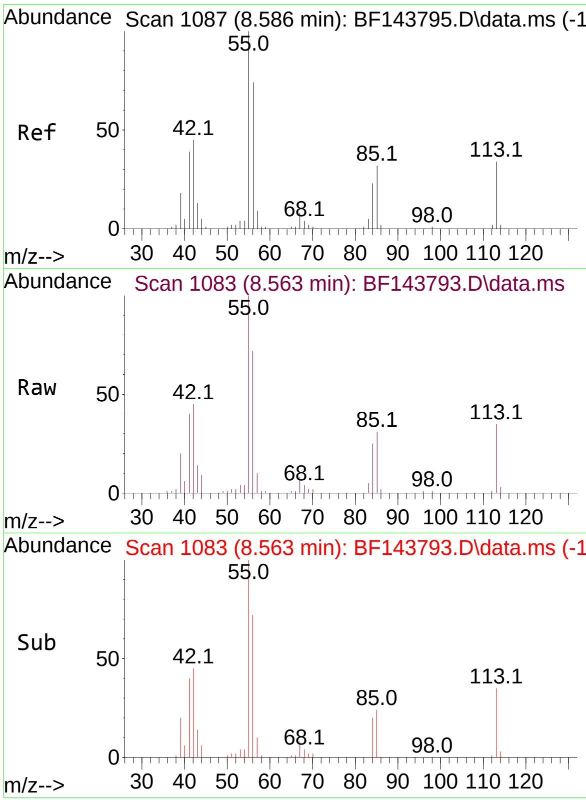
Ion	Ratio	Lower	Upper
225	100		
223	58.6	48.6	72.8
227	64.2	51.9	77.9



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

Instrument : BNA_F
ClientSampleId : SSTDICC010

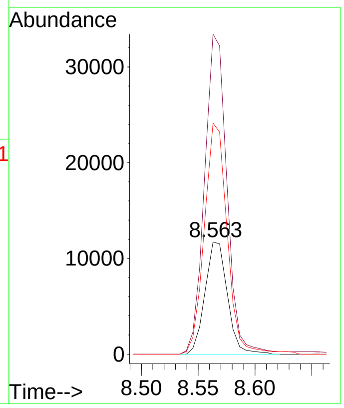
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

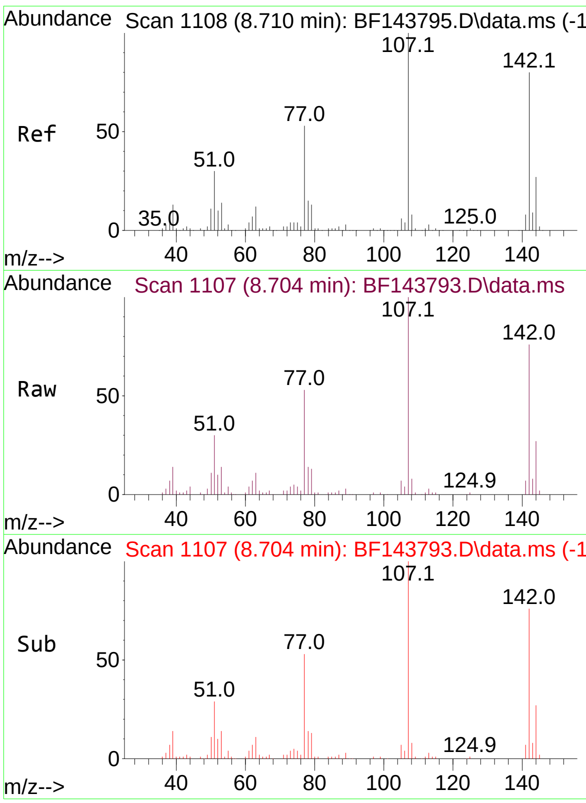


#35
Caprolactam
Concen: 9.192 ng
RT: 8.563 min Scan# 10
Delta R.T. -0.047 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion:113 Resp: 16062

Ion	Ratio	Lower	Upper
113	100		
55	285.6	271.7	311.7
56	206.2	194.5	234.5

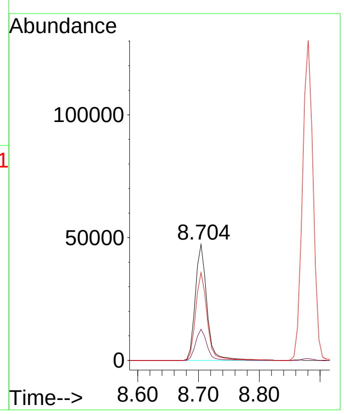




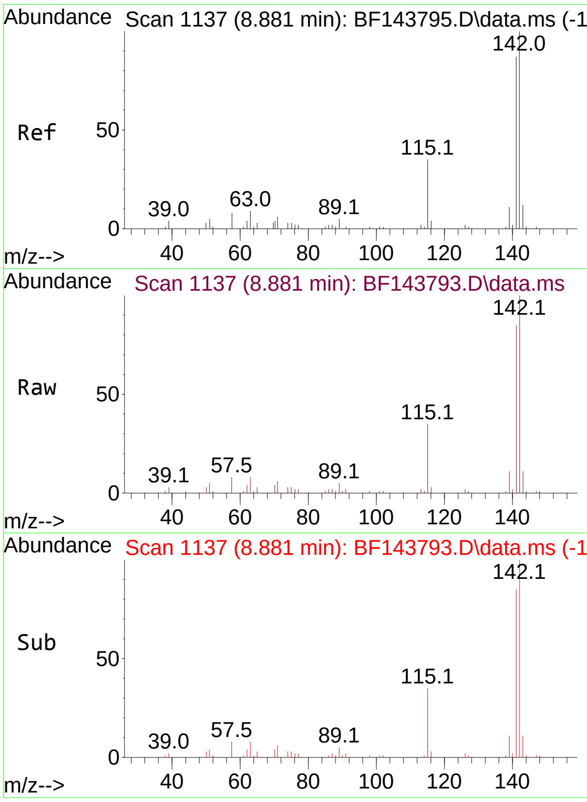
#36
4-Chloro-3-methylphenol
Concen: 9.882 ng
RT: 8.704 min Scan# 1107
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion:107 Resp: 63361

Ion	Ratio	Lower	Upper
107	100		
144	26.7	21.8	32.8
142	75.7	63.6	95.4



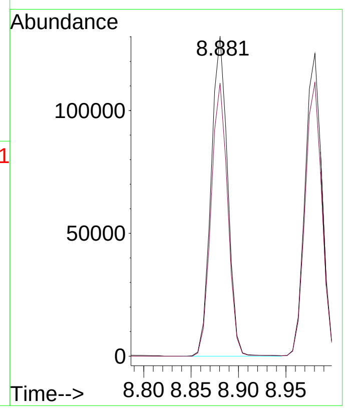
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

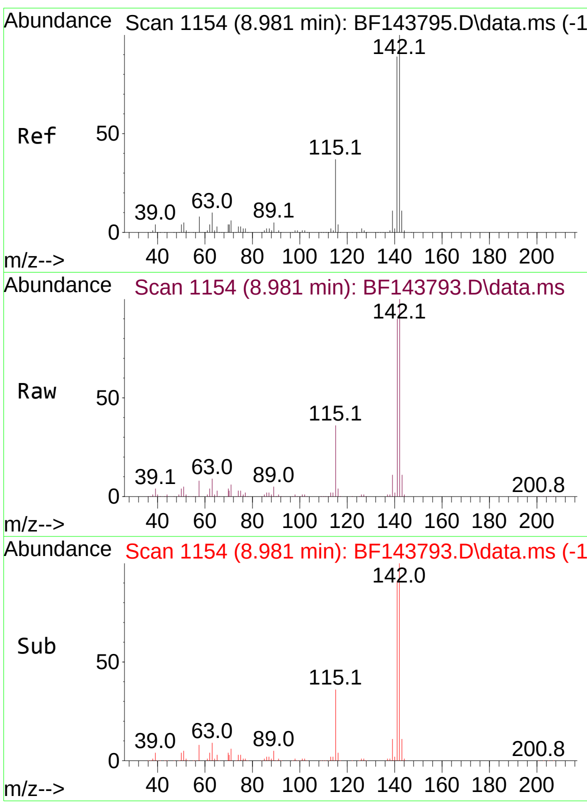


#37
2-Methylnaphthalene
Concen: 10.644 ng
RT: 8.881 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion:142 Resp: 158654

Ion	Ratio	Lower	Upper
142	100		
141	85.3	69.4	104.0

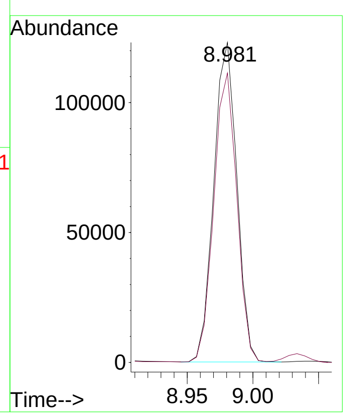




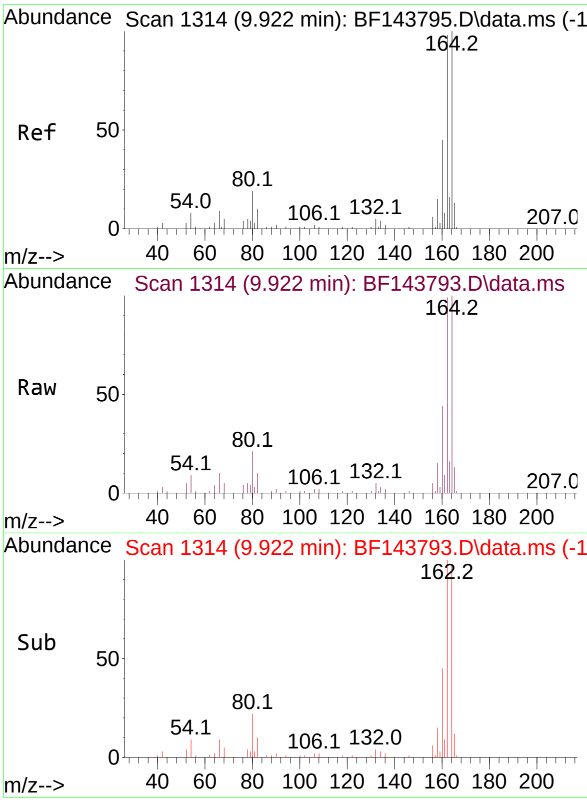
#38
1-Methylnaphthalene
Concen: 10.572 ng
RT: 8.981 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion:142 Resp: 150831

Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.1	106.7



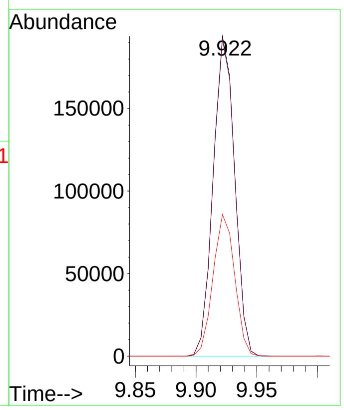
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

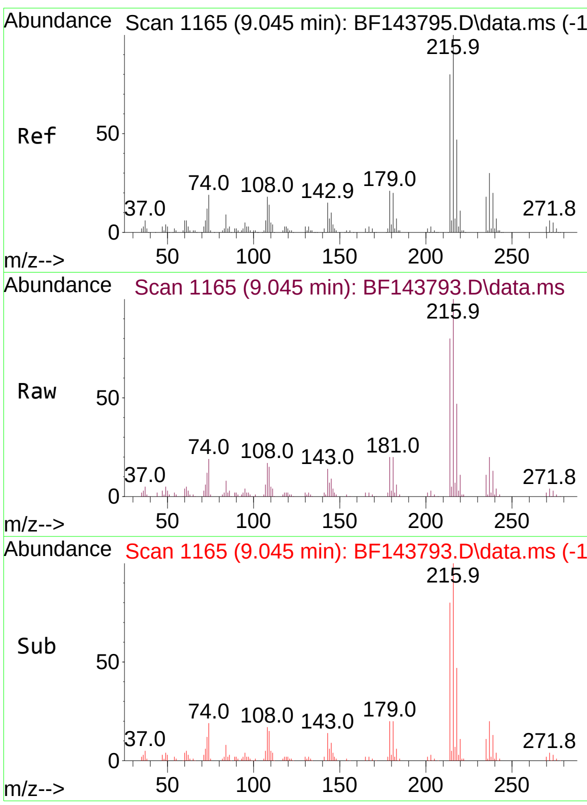


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min   Scan# 13
Delta R.T.   -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025   11:57

Tgt Ion:164 Resp: 239396

Ion	Ratio	Lower	Upper
164	100		
162	99.0	78.8	118.2
160	44.3	35.8	53.6

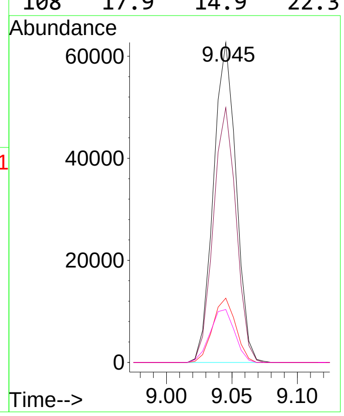




#40
1,2,4,5-Tetrachlorobenzene
Concen: 10.509 ng
RT: 9.045 min   Scan# 1165
Delta R.T.   -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025   11:57

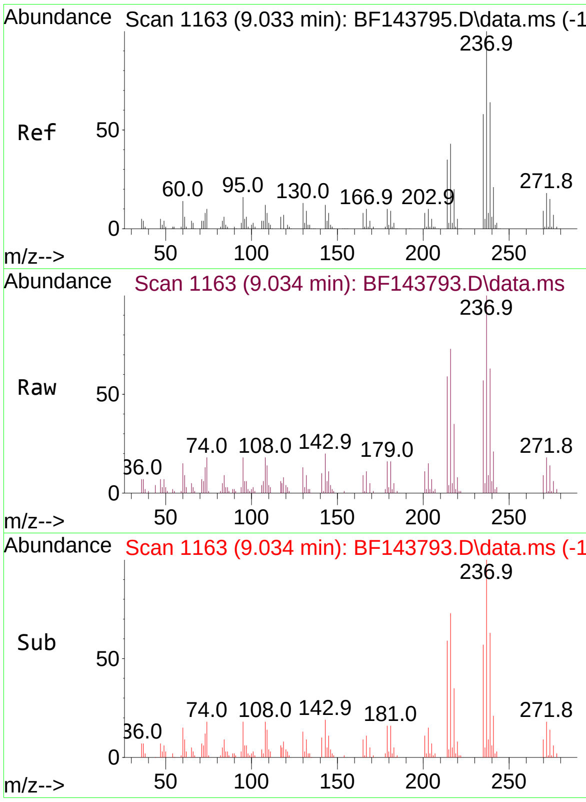
Tgt Ion:216 Resp: 75923

Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.7	95.5
179	20.4	16.5	24.7
108	17.9	14.9	22.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

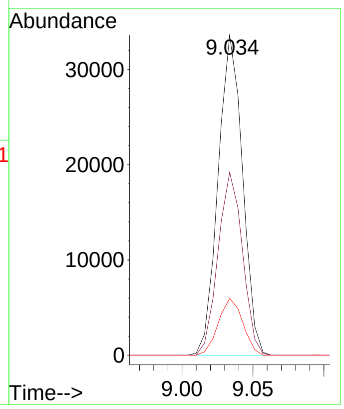
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

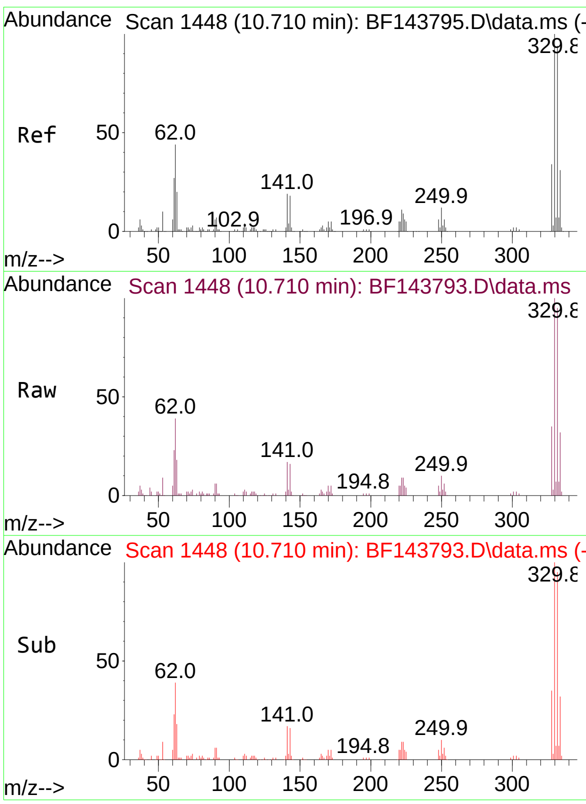


#41
Hexachlorocyclopentadiene
Concen: 8.792 ng
RT: 9.034 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion:237 Resp: 40258

Ion	Ratio	Lower	Upper
237	100		
235	57.1	38.1	78.1
272	17.7	0.0	37.9

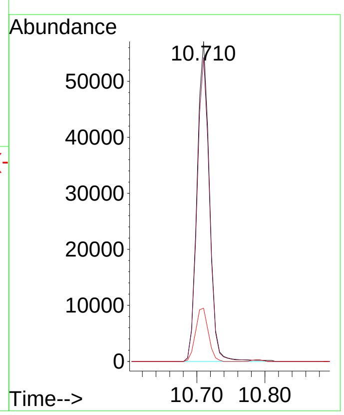




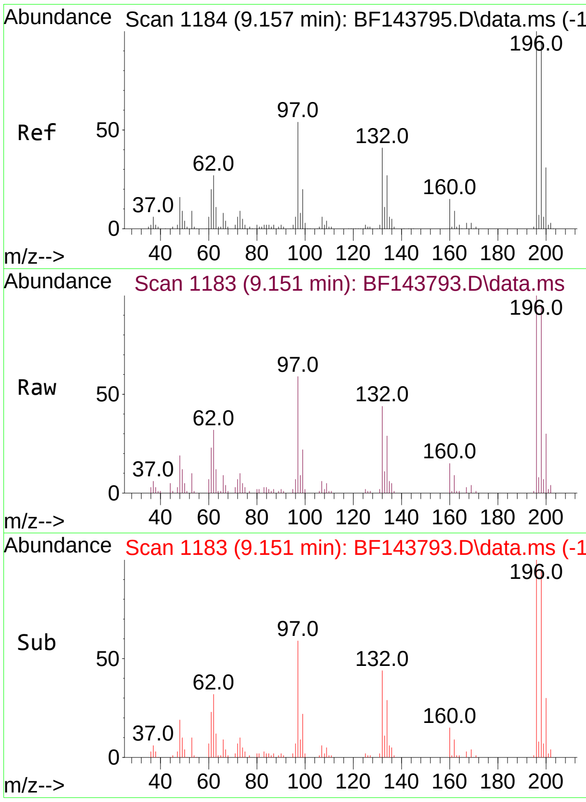
#42
2,4,6-Tribromophenol
Concen: 21.225 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion:330 Resp: 72517

Ion	Ratio	Lower	Upper
330	100		
332	94.6	74.7	112.1
141	17.0	14.3	21.5



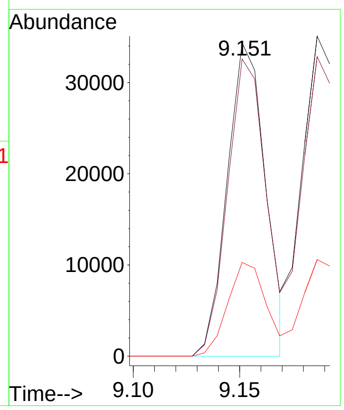
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

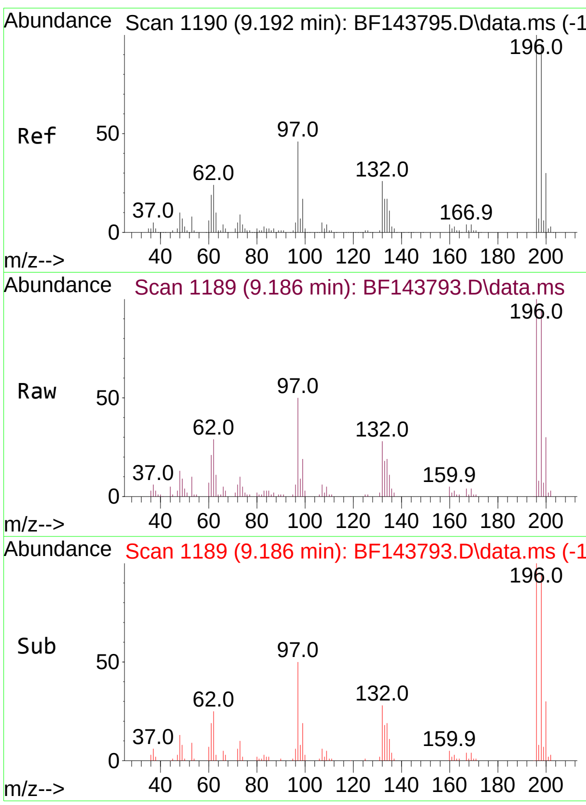


#43
2,4,6-Trichlorophenol
Concen: 9.474 ng
RT: 9.151 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion:196 Resp: 42859

Ion	Ratio	Lower	Upper
196	100		
198	94.8	76.2	114.2
200	29.9	24.7	37.1

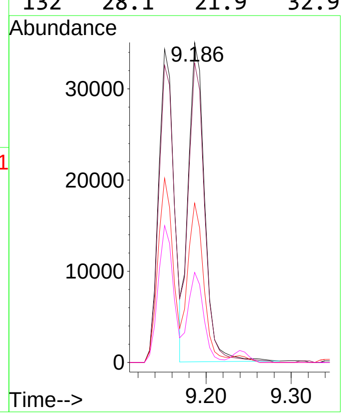




#44
2,4,5-Trichlorophenol
Concen: 9.889 ng
RT: 9.186 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

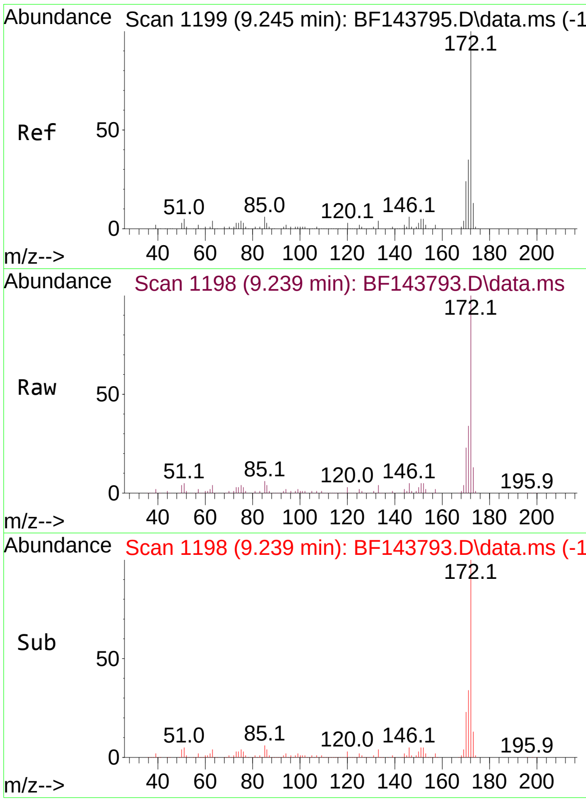
Tgt Ion:196 Resp: 46791

Ion	Ratio	Lower	Upper
196	100		
198	93.6	75.9	113.9
97	49.8	38.3	57.5
132	28.1	21.9	32.9



Instrument : BNA_F
ClientSampleId : SSTDICC010

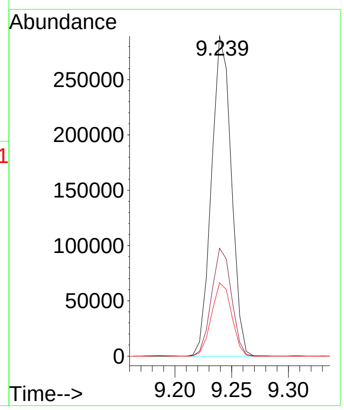
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

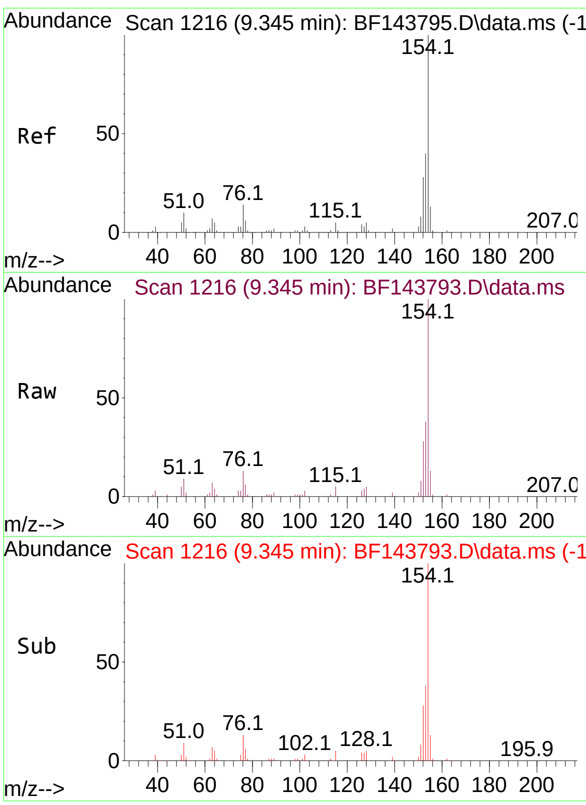


#45
2-Fluorobiphenyl
Concen: 21.809 ng
RT: 9.239 min   Scan# 11
Delta R.T.   -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025   11:57

Tgt Ion:172 Resp: 353299

Ion	Ratio	Lower	Upper
172	100		
171	33.7	27.9	41.9
170	22.9	19.1	28.7

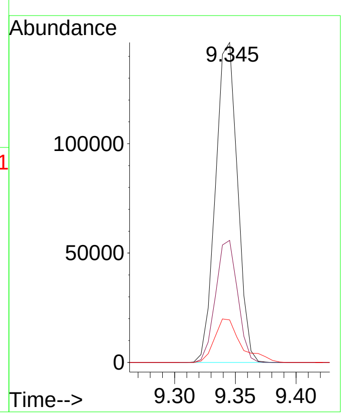




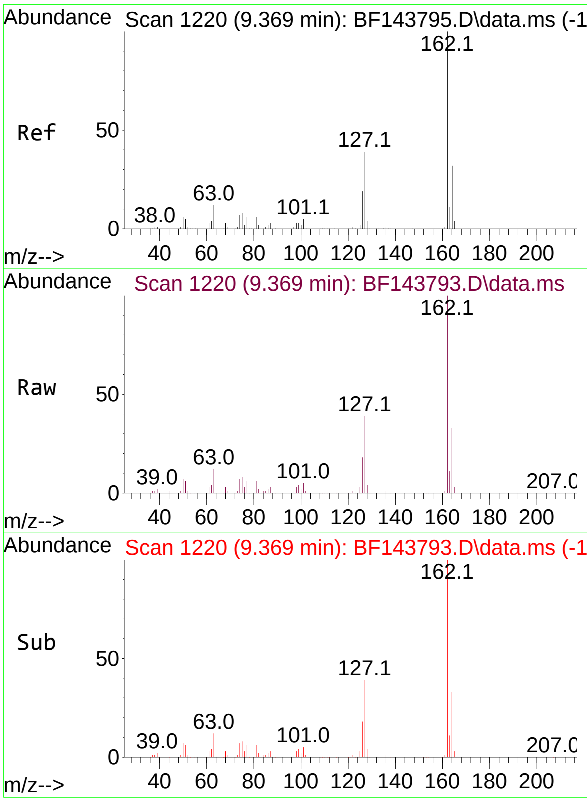
#46
1,1'-Biphenyl
Concen: 10.644 ng
RT: 9.345 min   Scan# 1216
Delta R.T.   0.000 min
Lab File: BF143793.D
Acq: 23 Sep 2025   11:57

Tgt Ion:154 Resp: 184443

Ion	Ratio	Lower	Upper
154	100		
153	38.1	19.7	59.7
76	13.3	0.0	33.8



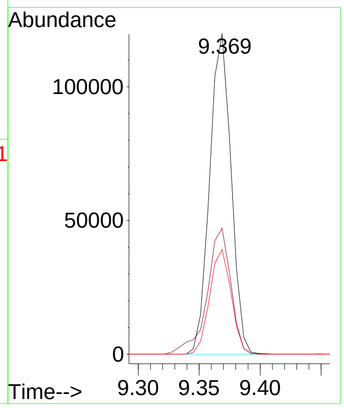
Instrument : BNA_F
ClientSampleId : SSTDICC010

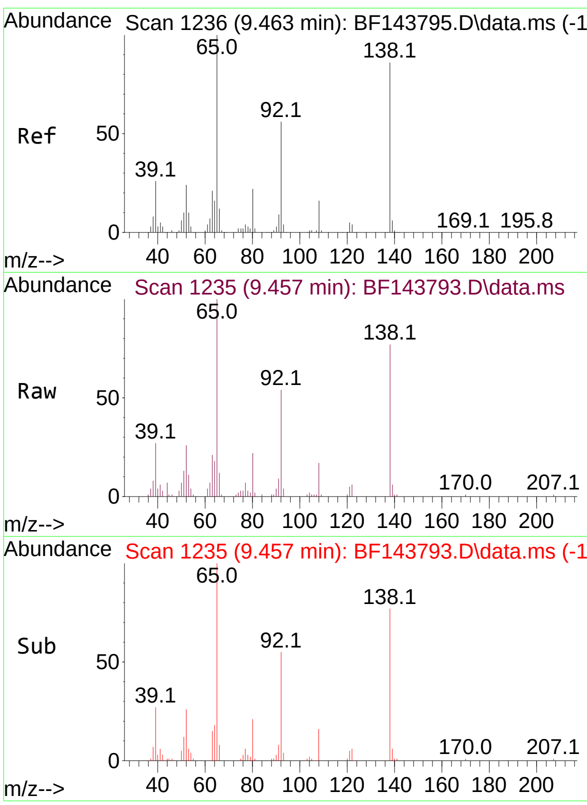


#47
2-Chloronaphthalene
Concen: 10.496 ng
RT: 9.369 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion:162 Resp: 146409

Ion	Ratio	Lower	Upper
162	100		
127	39.3	31.5	47.3
164	32.7	25.9	38.9

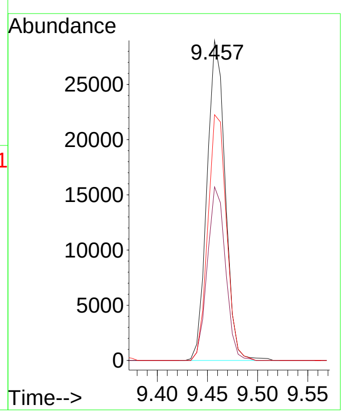




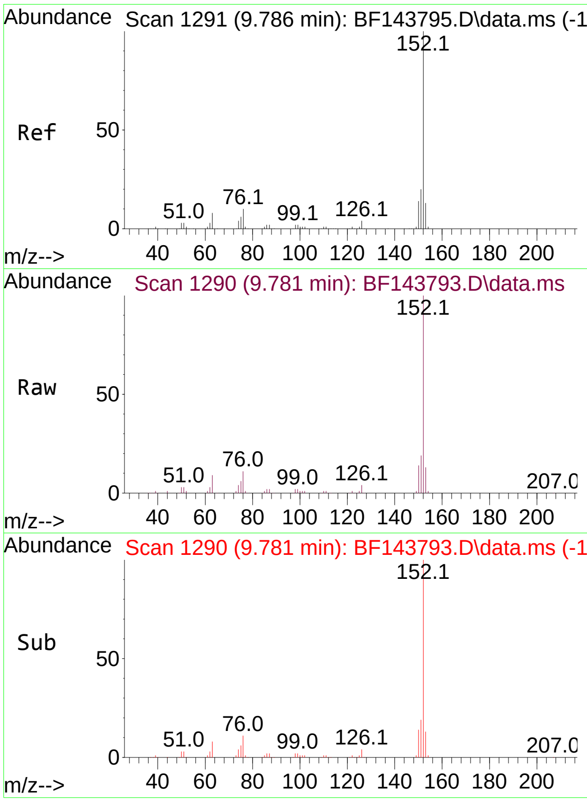
#48
2-Nitroaniline
Concen: 8.646 ng
RT: 9.457 min Scan# 1235
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion: 65 Resp: 36451

Ion	Ratio	Lower	Upper
65	100		
92	54.2	44.9	67.3
138	76.8	69.0	103.4



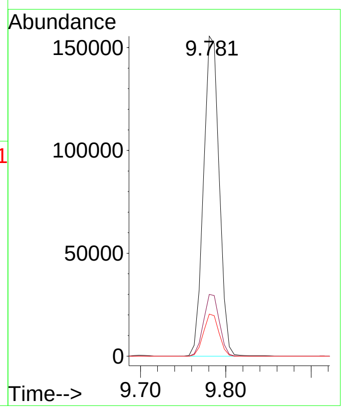
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

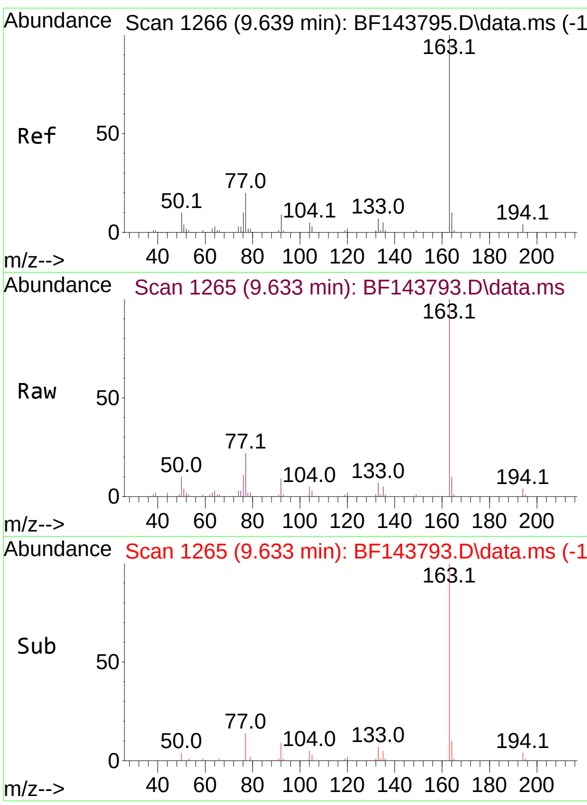


#49
Acenaphthylene
Concen: 10.338 ng
RT: 9.781 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion:152 Resp: 198522

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.7	23.5
153	13.2	10.6	15.8

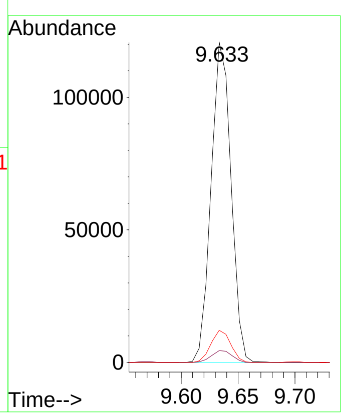




#50
Dimethylphthalate
Concen: 10.118 ng
RT: 9.633 min Scan# 1265
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

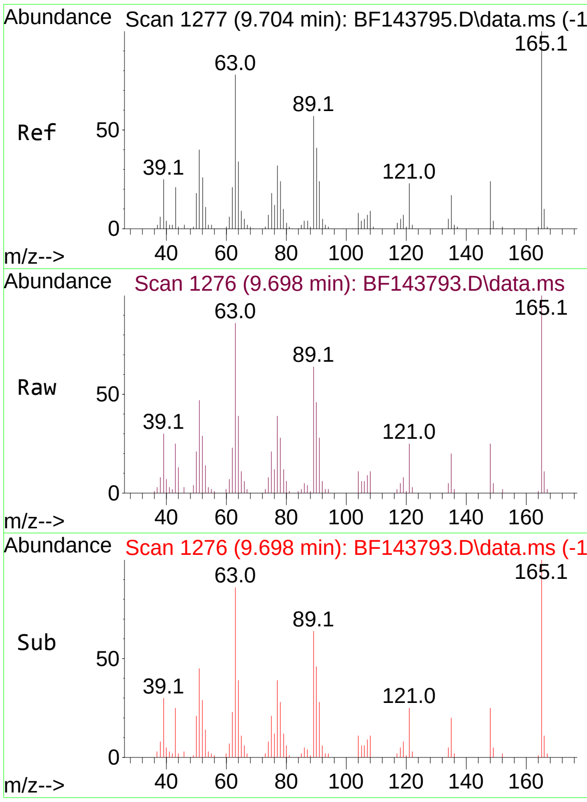
Tgt Ion:163 Resp: 147631

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.6
164	10.0	8.2	12.2



Instrument : BNA_F
ClientSampleId : SSTDICC010

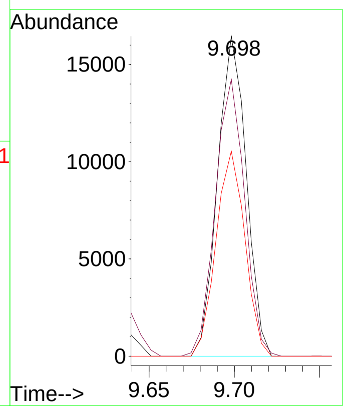
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

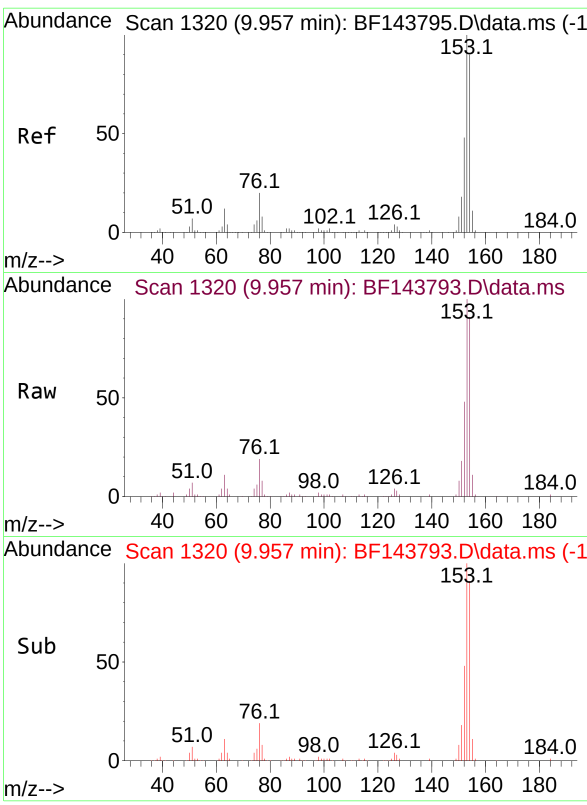


#51
2,6-Dinitrotoluene
Concen: 8.025 ng
RT: 9.698 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion:165 Resp: 19239

Ion	Ratio	Lower	Upper
165	100		
63	86.5	62.6	94.0
89	64.0	45.2	67.8

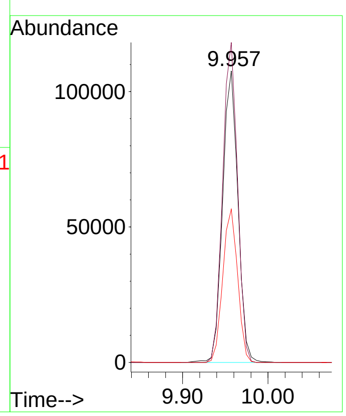




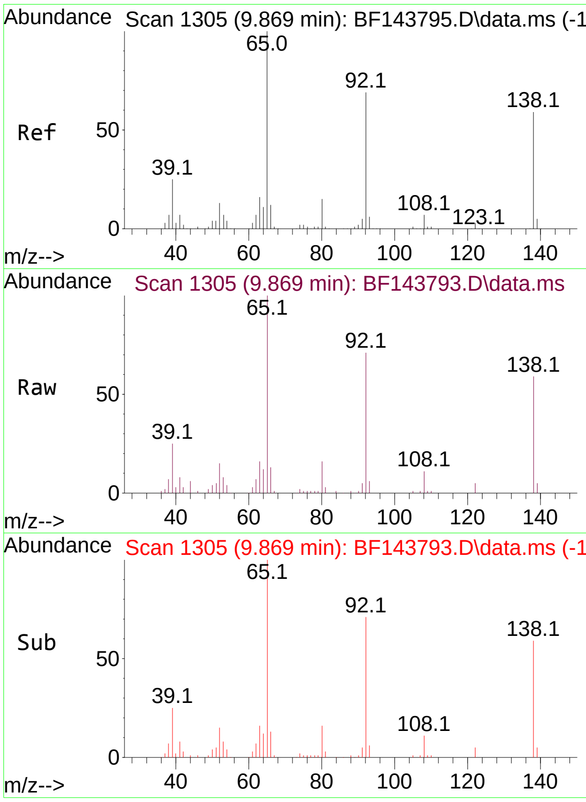
#52
Acenaphthene
Concen: 10.619 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion:154 Resp: 134197

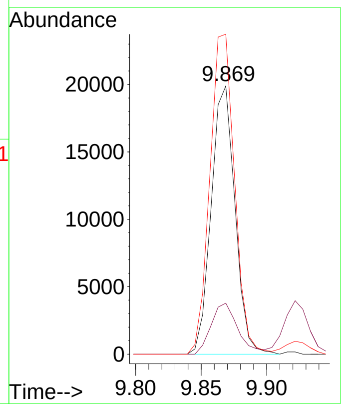
Ion	Ratio	Lower	Upper
154	100		
153	109.8	88.7	133.1
152	52.6	42.7	64.1

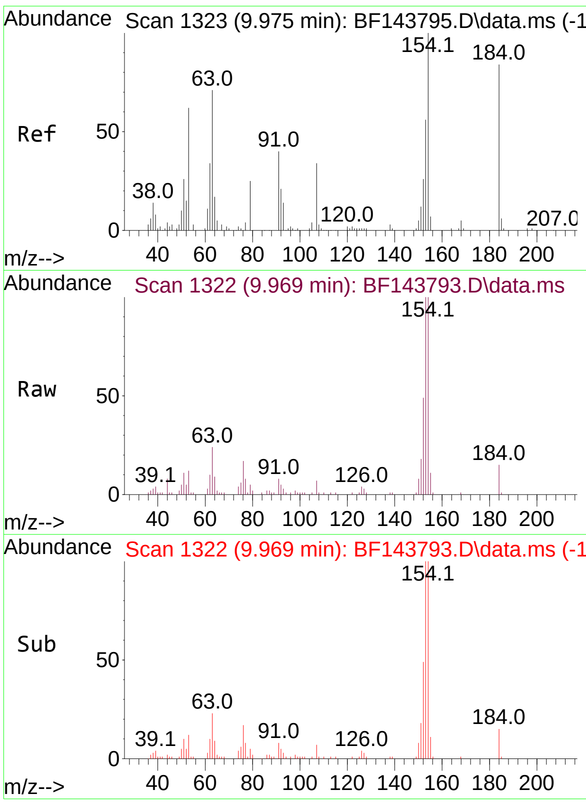


Instrument : BNA_F
ClientSampleId : SSTDICC010

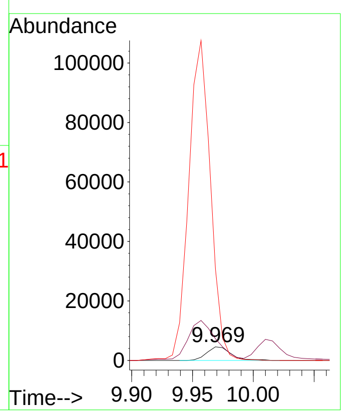



```
#53
3-Nitroaniline
Concen:    8.650 ng
RT:   9.869 min  Scan# 1
Delta R.T.   -0.006 min
Lab File:    BF143793.D
Acq: 23 Sep 2025   11:57

Tgt Ion:138 Resp:   25136
Ion  Ratio  Lower  Upper
138  100
108   19.0    9.9   14.9#
 92  119.3   93.5  140.3
```

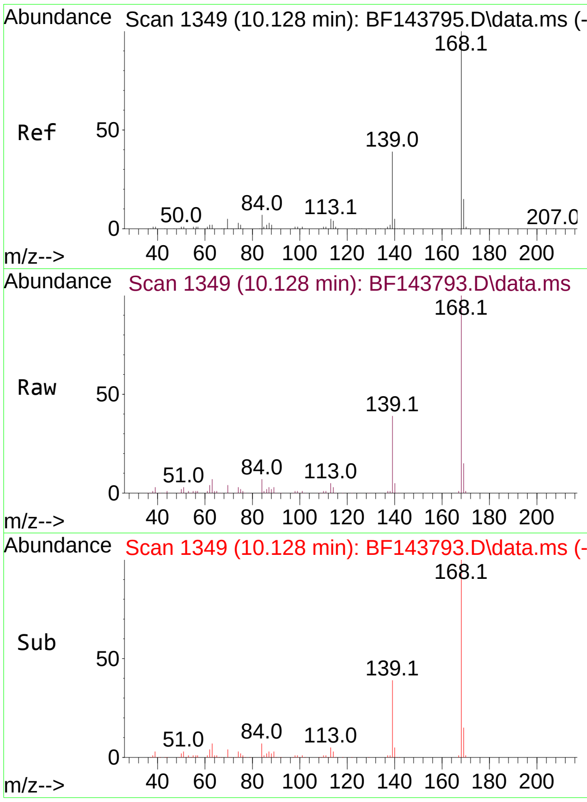





```
#54
2,4-Dinitrophenol
Concen:   11.233 ng
RT:   9.969 min  Scan# 1322
Delta R.T.   -0.006 min
Lab File:    BF143793.D
Acq: 23 Sep 2025   11:57

Tgt Ion:184 Resp:    6231
Ion  Ratio  Lower  Upper
184  100
 63  160.0   84.6  127.0#
154  677.6  199.3  298.9#
```



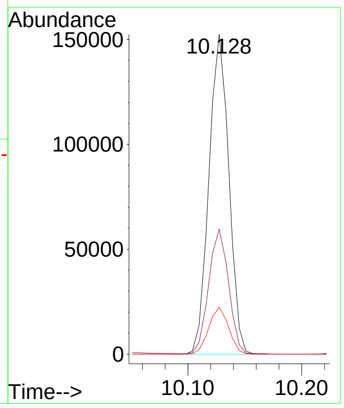
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

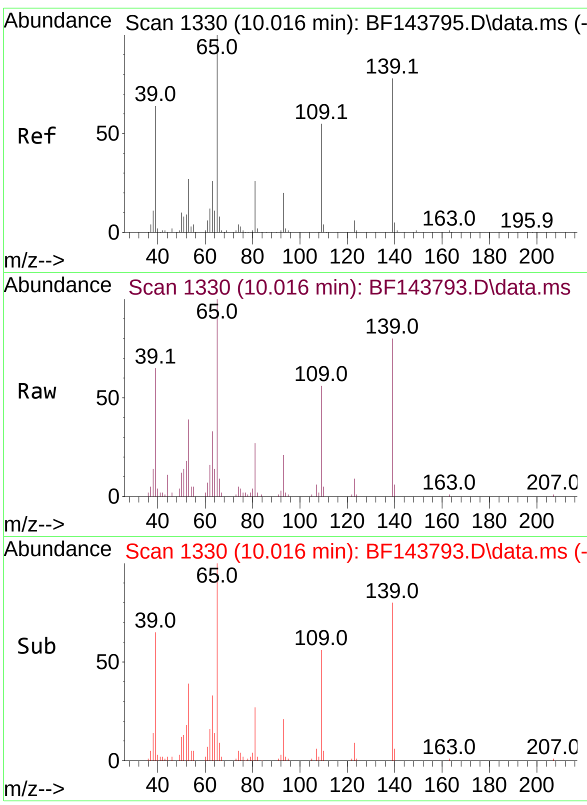


#55
Dibenzofuran
Concen: 10.393 ng
RT: 10.128 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion:168 Resp: 185710

Ion	Ratio	Lower	Upper
168	100		
139	39.0	31.0	46.6
169	14.6	11.9	17.9

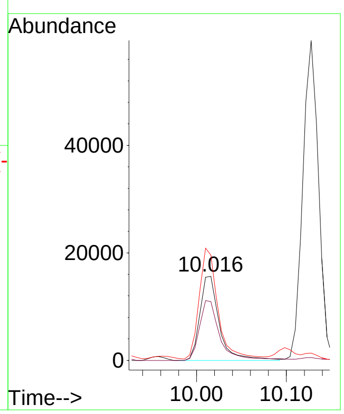




#56
4-Nitrophenol
Concen: 10.065 ng
RT: 10.016 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion:139 Resp: 23569

Ion	Ratio	Lower	Upper
139	100		
109	69.9	50.2	90.2
65	125.3	109.2	149.2



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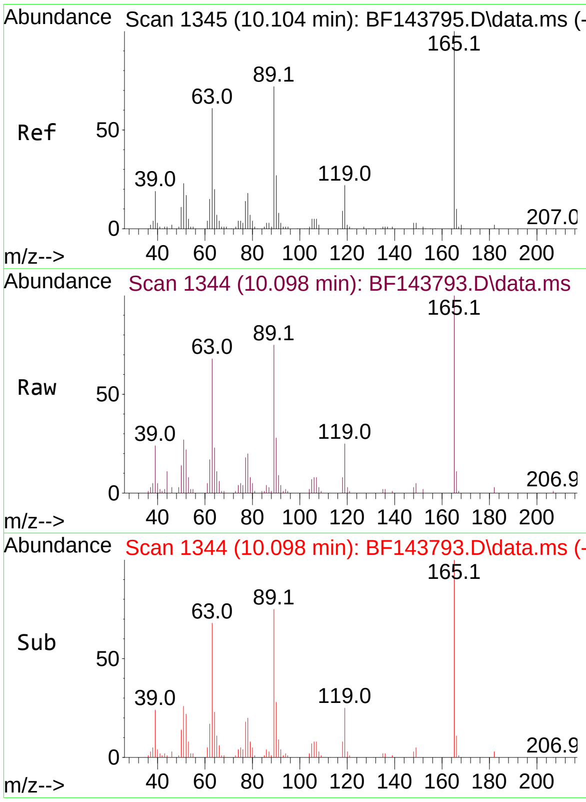
18

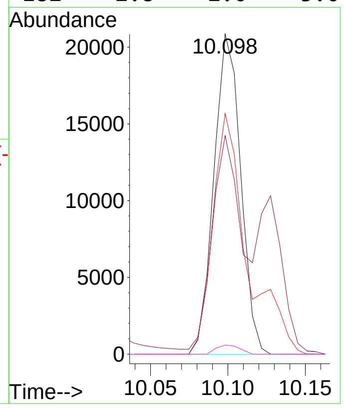
Instrument : BNA_F
ClientSampleId : SSTDICC010

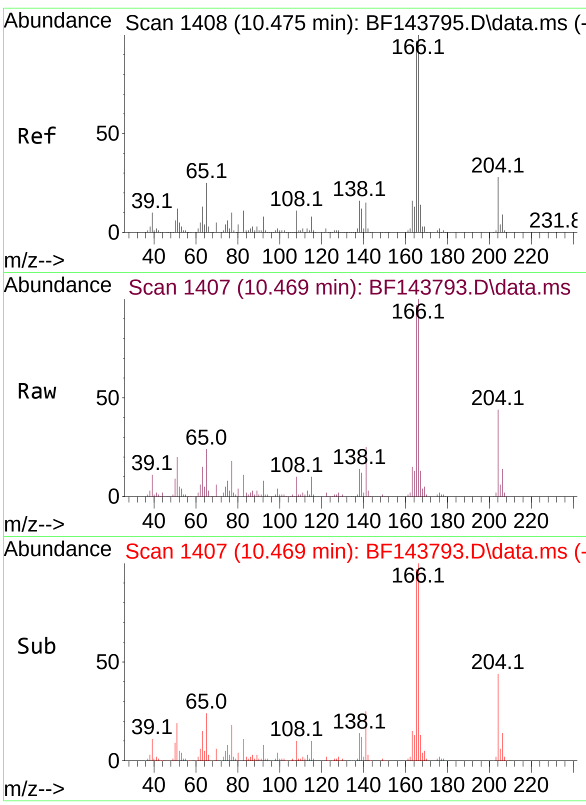


#57
2,4-Dinitrotoluene
Concen: 9.543 ng
RT: 10.098 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion:165 Resp: 25096

Ion	Ratio	Lower	Upper
165	100		
63	68.2	48.9	73.3
89	75.1	57.5	86.3
182	2.8	2.0	3.0

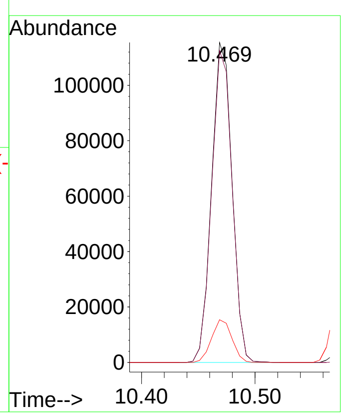




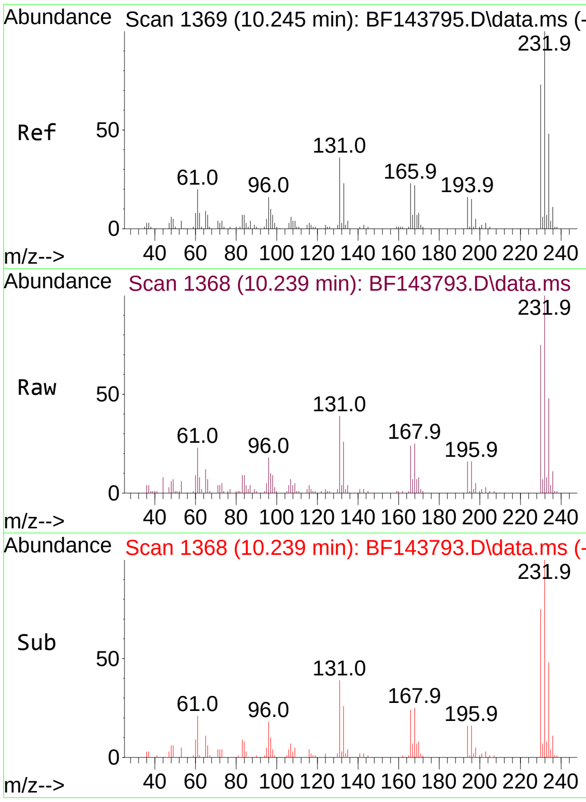
#58
Fluorene
Concen: 10.898 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion:166 Resp: 144778

Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.0	117.0
167	13.3	10.9	16.3



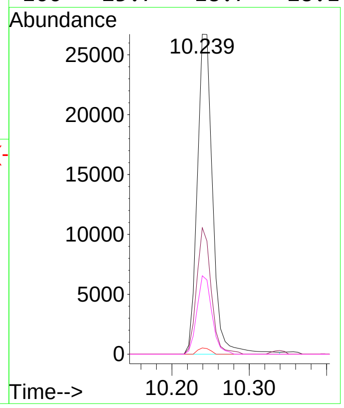
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

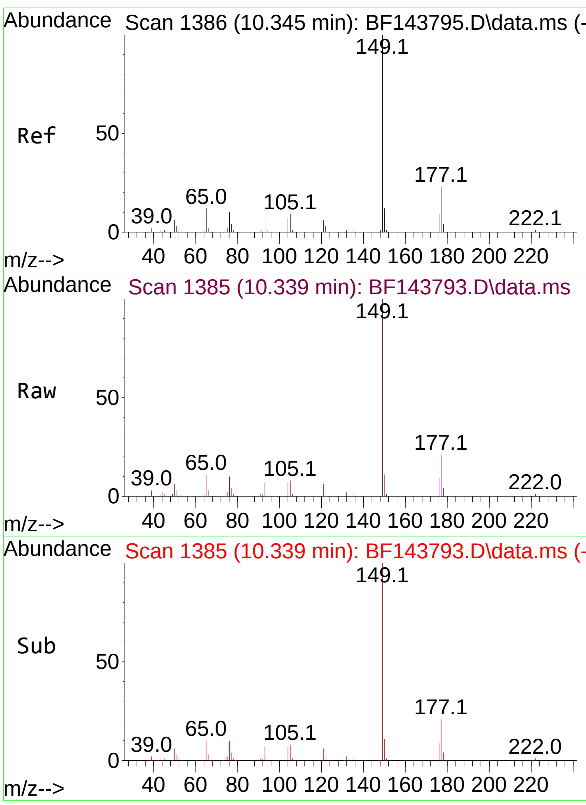


#59
2,3,4,6-Tetrachlorophenol
Concen: 9.120 ng
RT: 10.239 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion:232 Resp: 36970

Ion	Ratio	Lower	Upper
232	100		
131	37.0	29.4	44.2
130	1.5	1.3	1.9
166	23.7	18.7	28.1

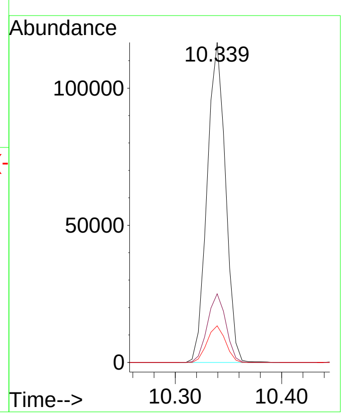




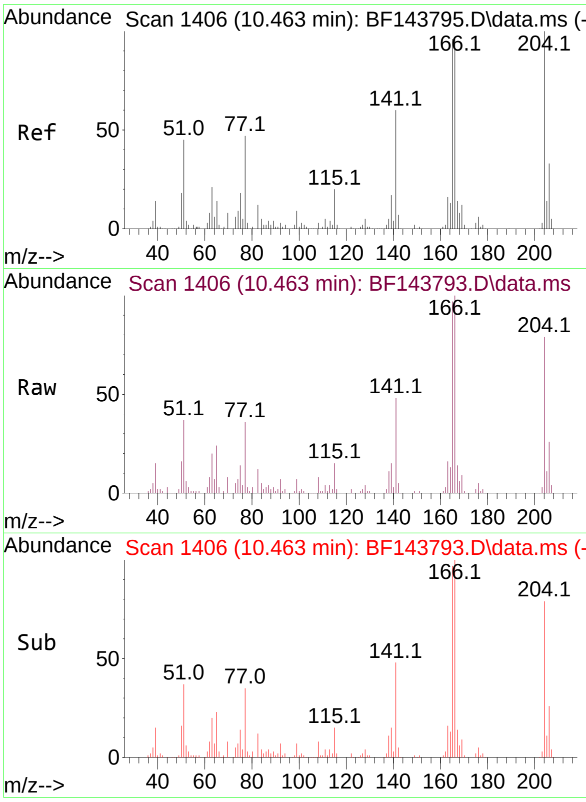
#60
Diethylphthalate
Concen: 10.254 ng
RT: 10.339 min Scan# 1385
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion:149 Resp: 140054

Ion	Ratio	Lower	Upper
149	100		
177	21.4	18.1	27.1
150	11.4	9.7	14.5



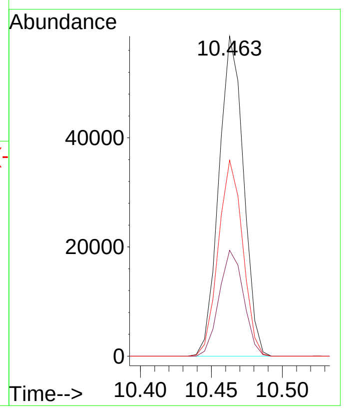
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

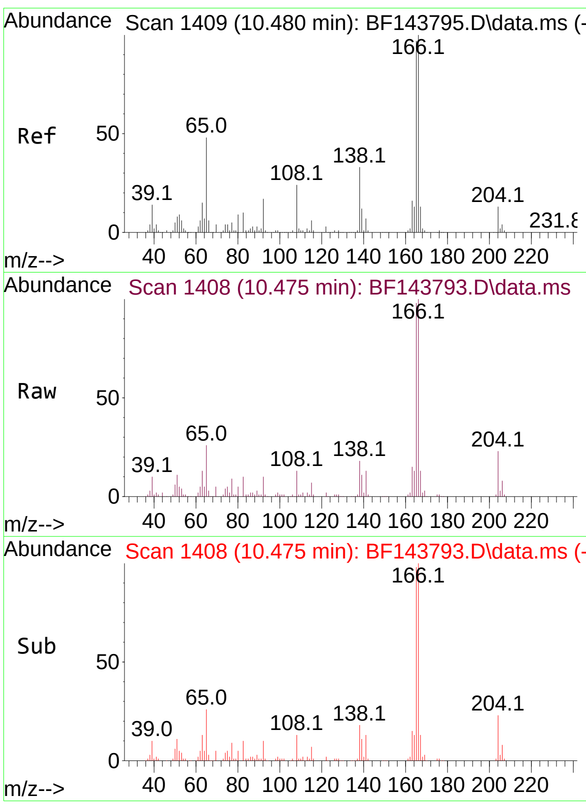


#61
4-Chlorophenyl-phenylether
Concen: 10.472 ng
RT: 10.463 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion:204 Resp: 70883

Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.7	40.1
141	61.2	48.2	72.2

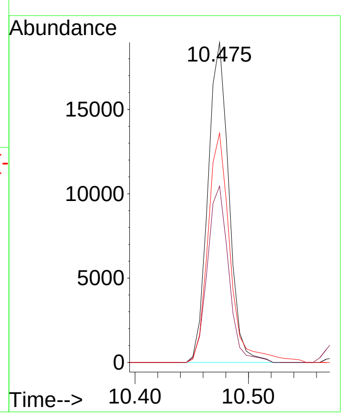




#62
4-Nitroaniline
Concen: 8.943 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.018 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

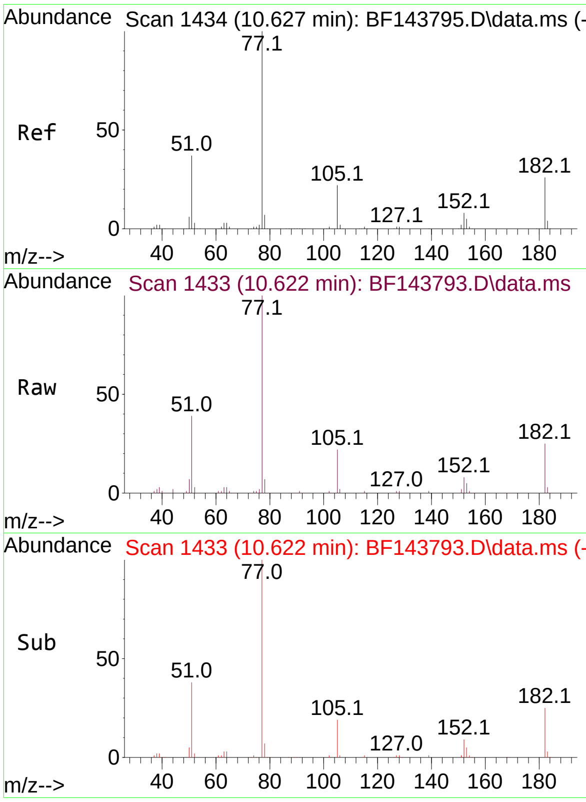
Tgt Ion:138 Resp: 24435

Ion	Ratio	Lower	Upper
138	100		
92	55.1	31.5	71.5
108	71.7	51.9	91.9

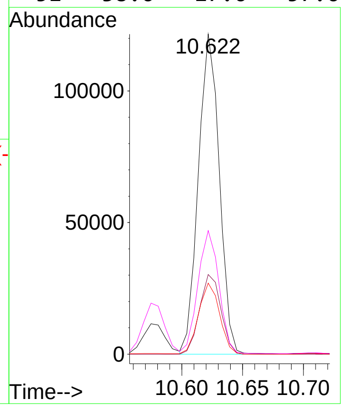


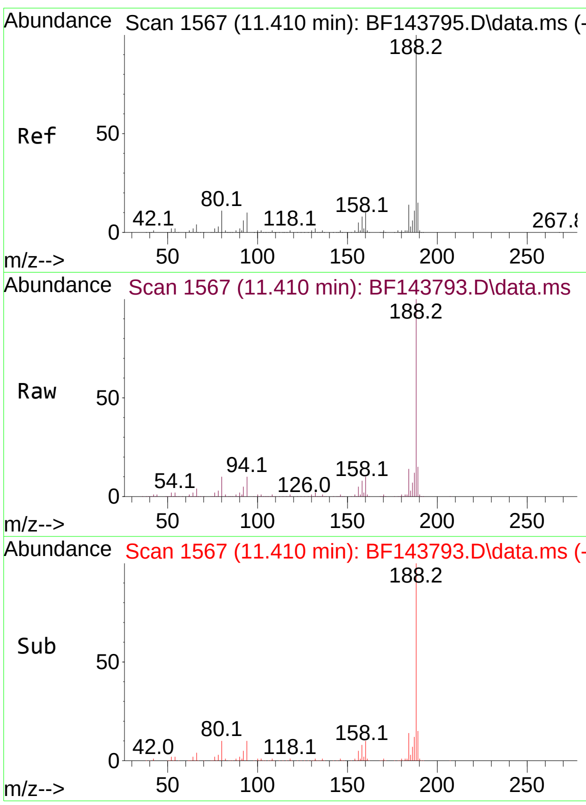
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

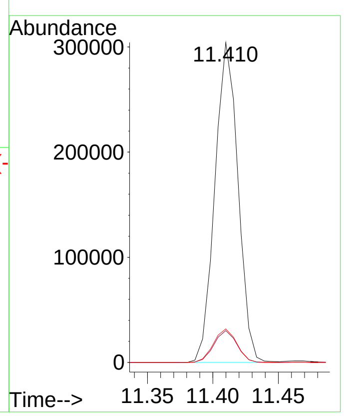



```
#63
Azobenzene
Concen:   10.152 ng
RT:  10.622 min  Scan# 14
Delta R.T.   -0.006 min
Lab File:    BF143793.D
Acq: 23 Sep 2025   11:57

Tgt Ion: 77 Resp:   146130
Ion  Ratio  Lower  Upper
 77  100
182   24.9    5.9   45.9
105   22.2    2.3   42.3
 51   38.6   17.6   57.6
```

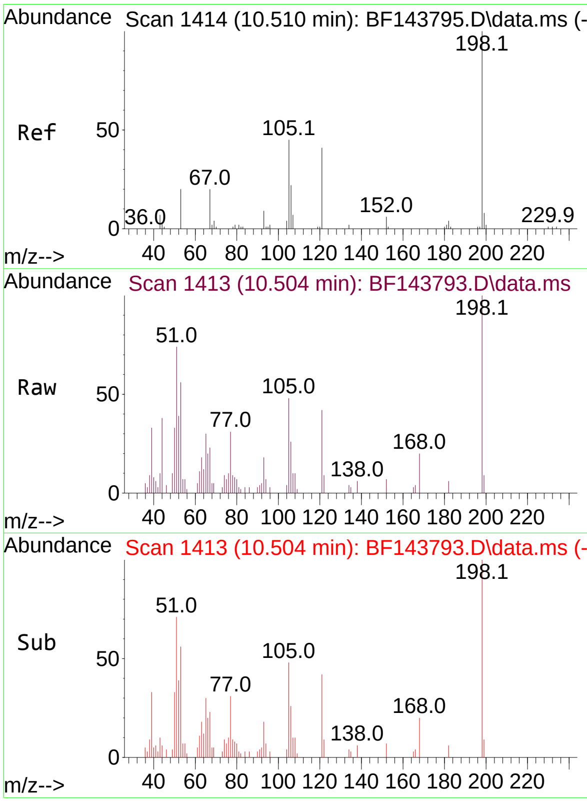





```
#64
Phenanthrene-d10
Concen:   20.000 ng
RT:  11.410 min  Scan# 1567
Delta R.T.   -0.006 min
Lab File:    BF143793.D
Acq: 23 Sep 2025   11:57

Tgt Ion:188 Resp:   375125
Ion  Ratio  Lower  Upper
188  100
 94    9.9    8.2   12.2
 80   10.5    8.6   12.8
```

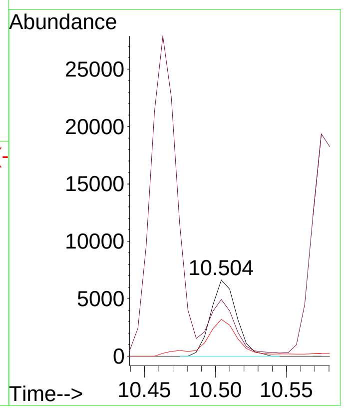


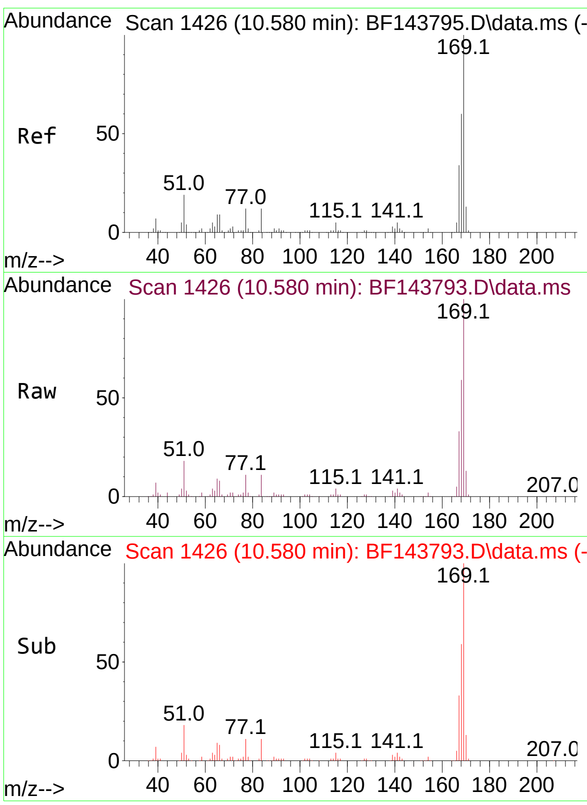
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



#65
4,6-Dinitro-2-methylphenol
Concen: 10.867 ng
RT: 10.504 min   Scan# 14
Delta R.T.   -0.012 min
Lab File: BF143793.D
Acq: 23 Sep 2025   11:57

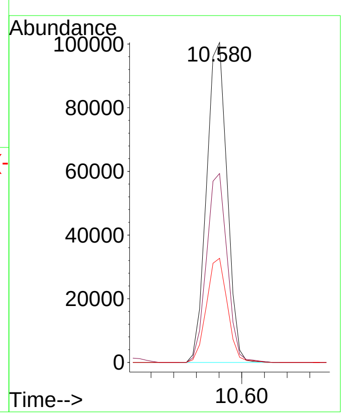
Tgt Ion:198	Resp:	8417	
Ion	Ratio	Lower	Upper
198	100		
51	74.4	52.0	92.0
105	48.2	27.5	67.5



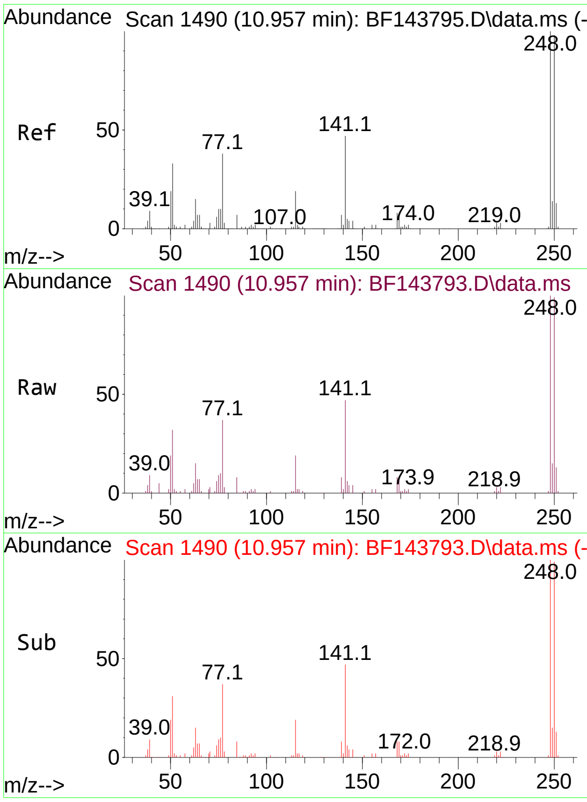


#66
n-Nitrosodiphenylamine
Concen: 10.261 ng
RT: 10.580 min   Scan# 1426
Delta R.T.   -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025   11:57

Tgt Ion:169	Resp:	126584	
Ion	Ratio	Lower	Upper
169	100		
168	59.0	47.9	71.9
167	32.5	27.0	40.6



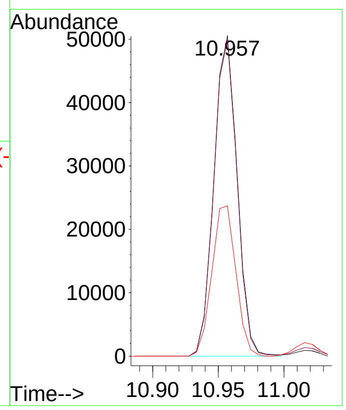
Instrument : BNA_F
ClientSampleId : SSTDICC010

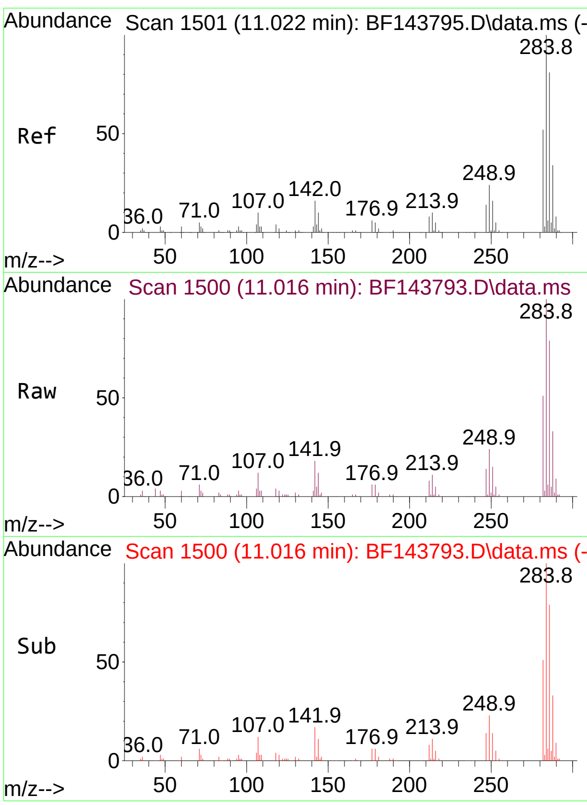


#67
4-Bromophenyl-phenylether
Concen: 9.784 ng
RT: 10.957 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion:248 Resp: 62547

Ion	Ratio	Lower	Upper
248	100		
250	98.9	78.7	118.1
141	46.9	37.9	56.9

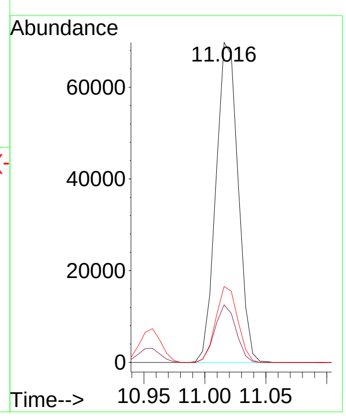




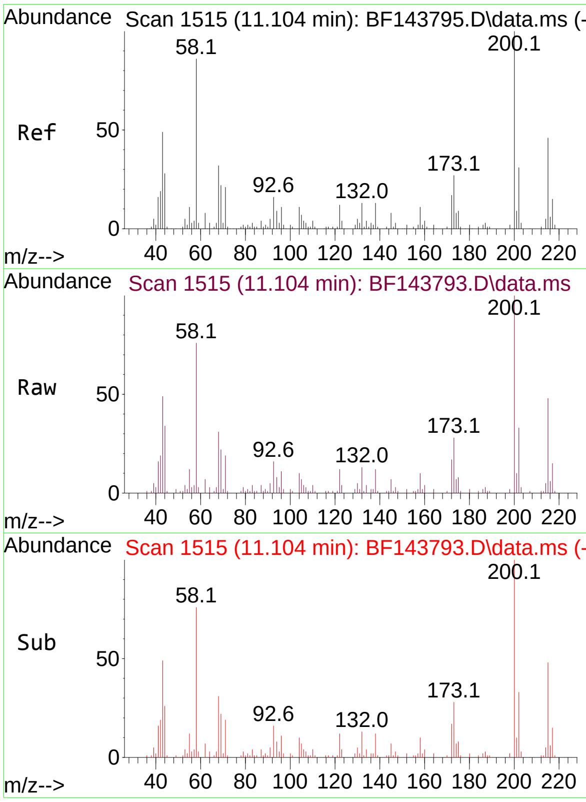
#68
Hexachlorobenzene
Concen: 10.009 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion:284 Resp: 88177

Ion	Ratio	Lower	Upper
284	100		
142	18.0	13.1	19.7
249	23.7	19.5	29.3



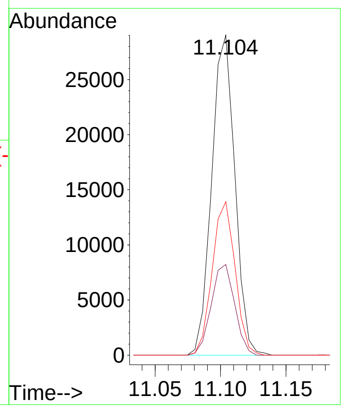
Instrument : BNA_F
ClientSampleId : SSTDICC010

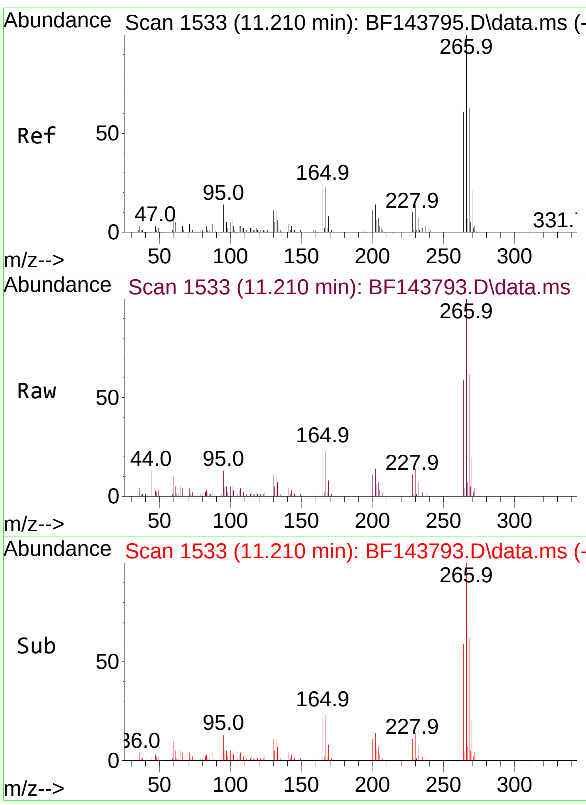


#69
Atrazine
Concen: 10.010 ng
RT: 11.104 min Scan# 15
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion:200 Resp: 35762

Ion	Ratio	Lower	Upper
200	100		
173	28.3	7.2	47.2
215	47.9	26.0	66.0

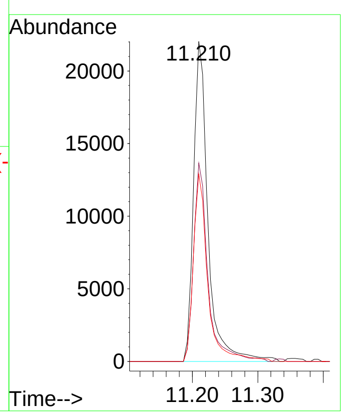




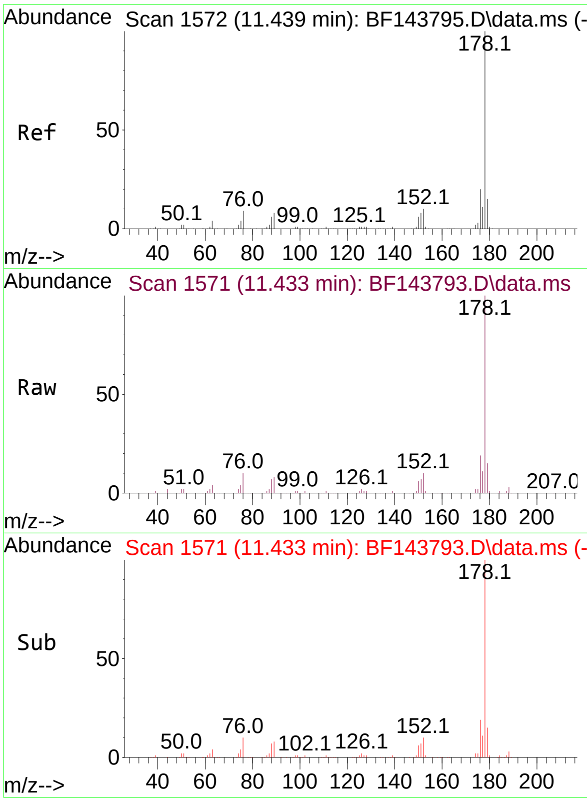
#70
Pentachlorophenol
Concen: 7.704 ng
RT: 11.210 min Scan# 1533
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion:266 Resp: 33783

Ion	Ratio	Lower	Upper
266	100		
268	62.0	50.5	75.7
264	58.6	48.8	73.2



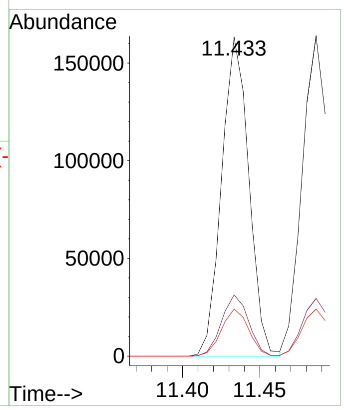
Instrument : BNA_F
ClientSampleId : SSTDICC010

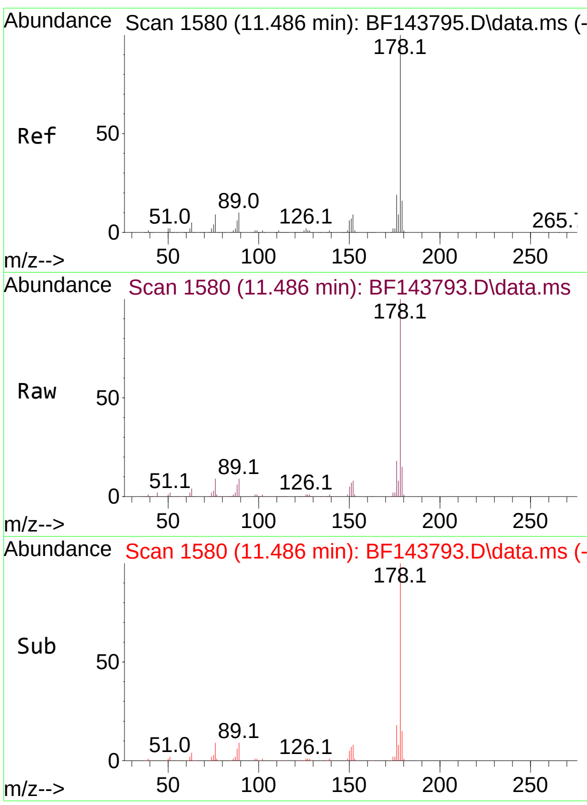


#71
Phenanthrene
Concen: 10.386 ng
RT: 11.433 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion:178 Resp: 200025

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.6	23.4
179	14.8	12.2	18.4

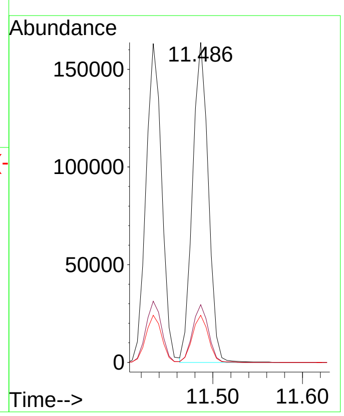




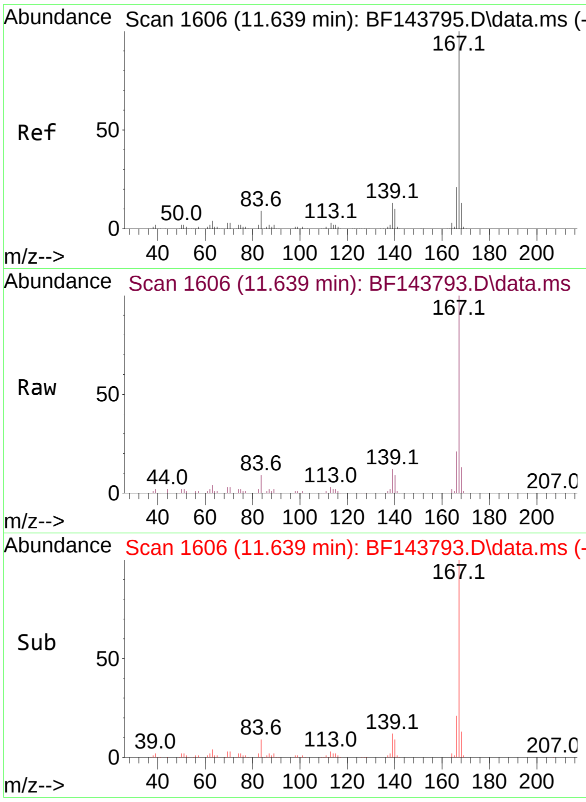
#72
Anthracene
Concen: 10.379 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion:178 Resp: 200505

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.3	22.9
179	14.7	12.8	19.2



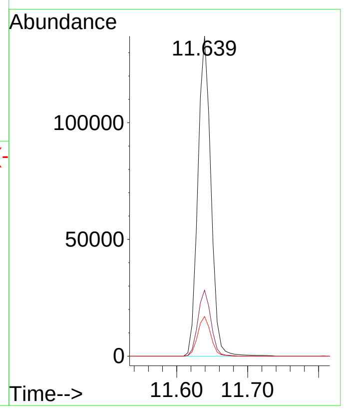
Instrument : BNA_F
ClientSampleId : SSTDICC010

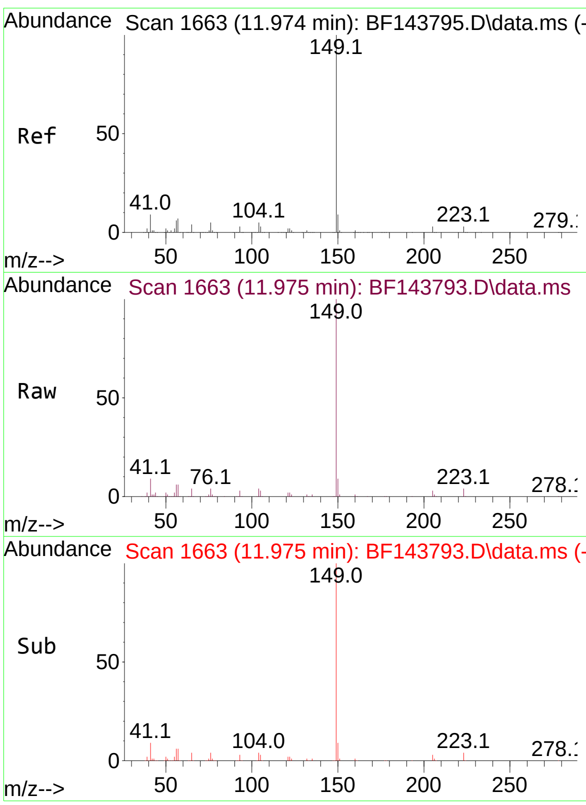


#73
Carbazole
Concen: 10.337 ng
RT: 11.639 min Scan# 16
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion:167 Resp: 174601

Ion	Ratio	Lower	Upper
167	100		
166	20.6	17.0	25.4
139	12.4	10.6	15.8

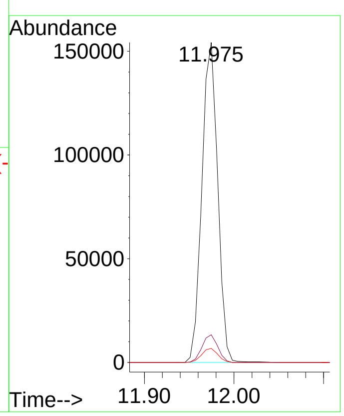




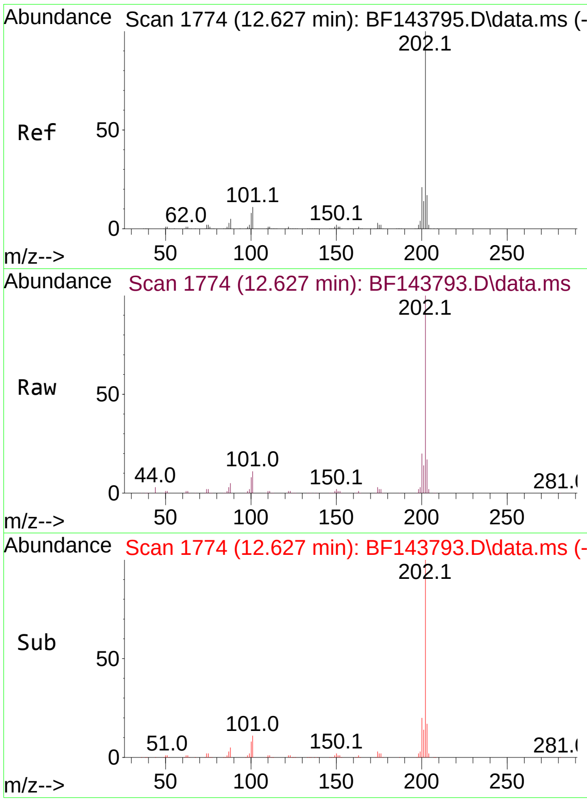
#74
Di-n-butylphthalate
Concen: 9.736 ng
RT: 11.975 min Scan# 1663
Delta R.T. 0.000 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion:149 Resp: 189120

Ion	Ratio	Lower	Upper
149	100		
150	8.6	7.3	10.9
104	4.4	3.6	5.4



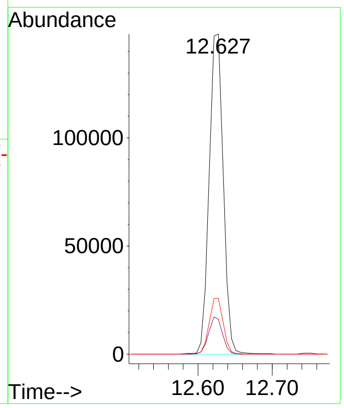
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

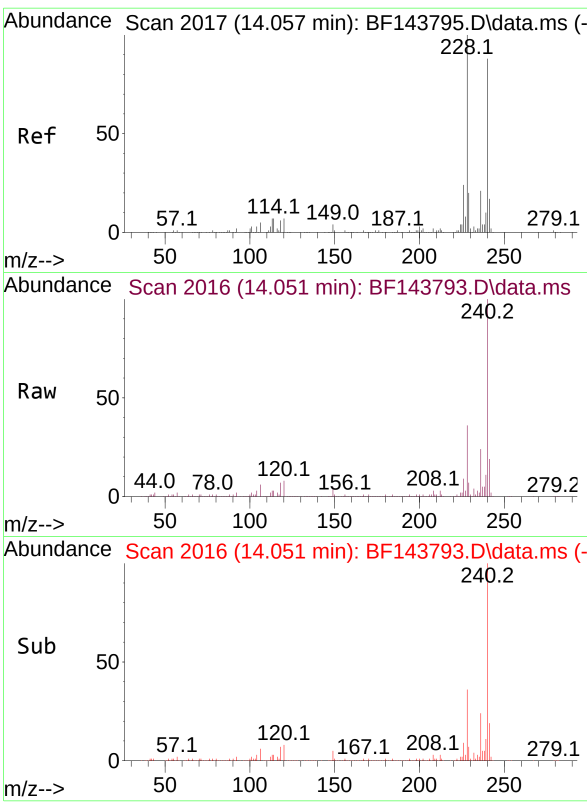


#75
Fluoranthene
Concen: 10.129 ng
RT: 12.627 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion:202 Resp: 196207

Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	31.1
203	17.4	0.0	37.4

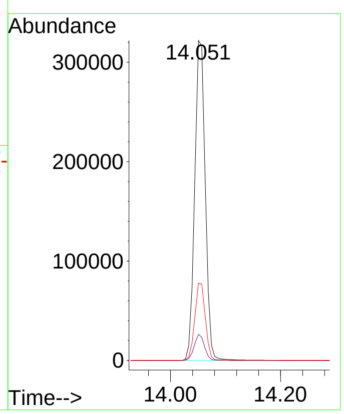




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion:240 Resp: 430577

Ion	Ratio	Lower	Upper
240	100		
120	8.1	6.2	9.4
236	24.2	19.4	29.2



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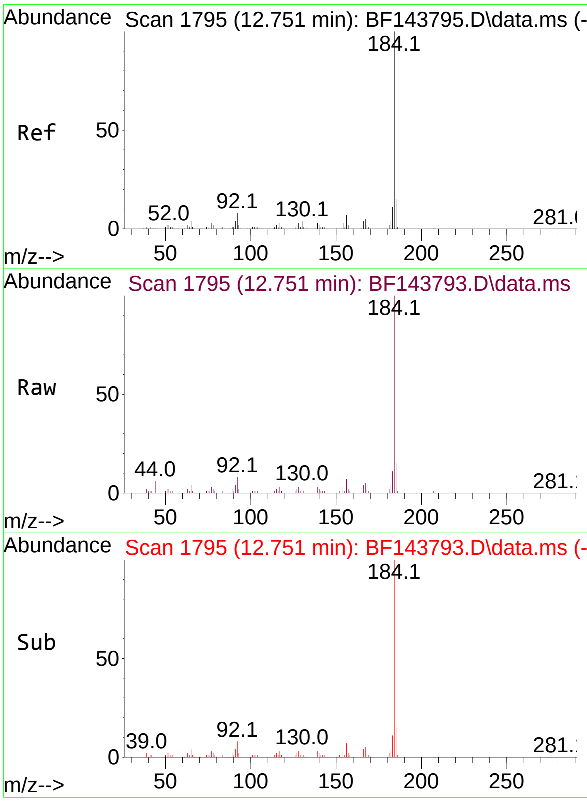
18

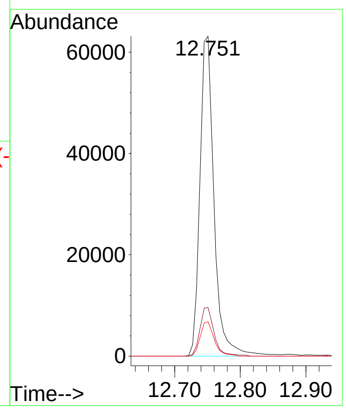
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

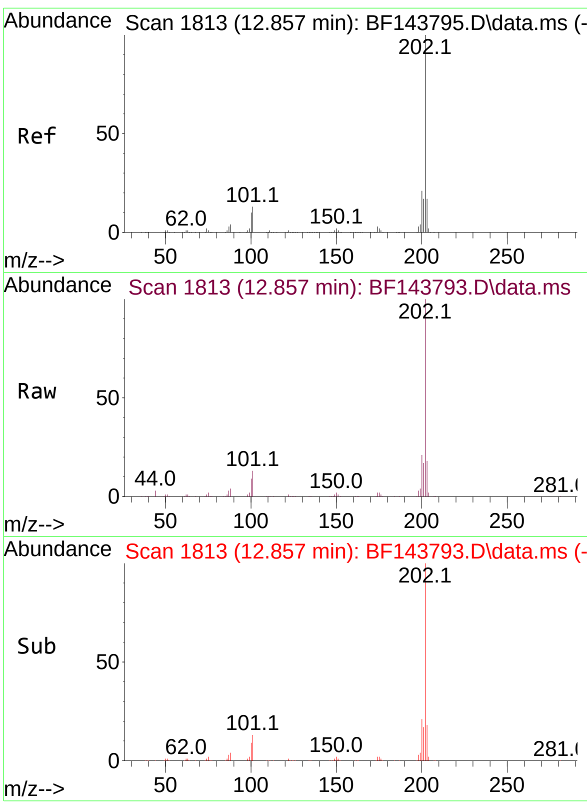


#77
Benzidine
Concen: 8.997 ng
RT: 12.751 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion:184 Resp: 94401

Ion	Ratio	Lower	Upper
184	100		
185	15.2	11.6	17.4
183	10.7	8.6	13.0

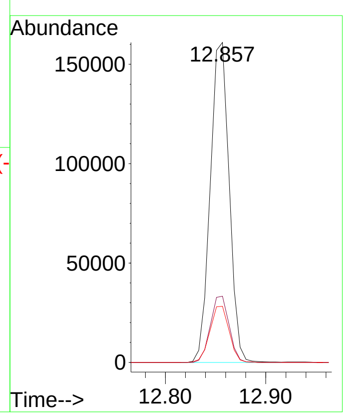




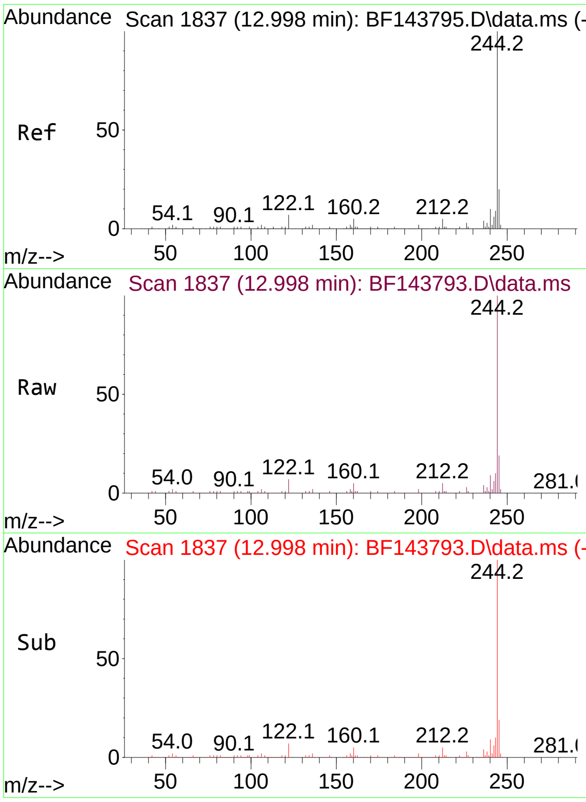
#78
Pyrene
Concen: 9.983 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion:202 Resp: 211336

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.0	25.4
203	17.5	13.9	20.9



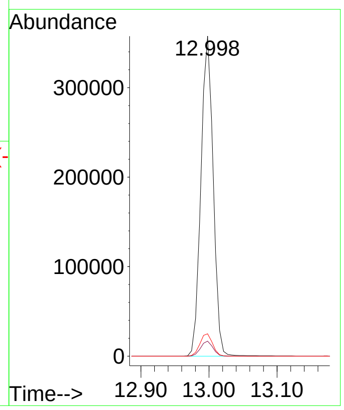
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

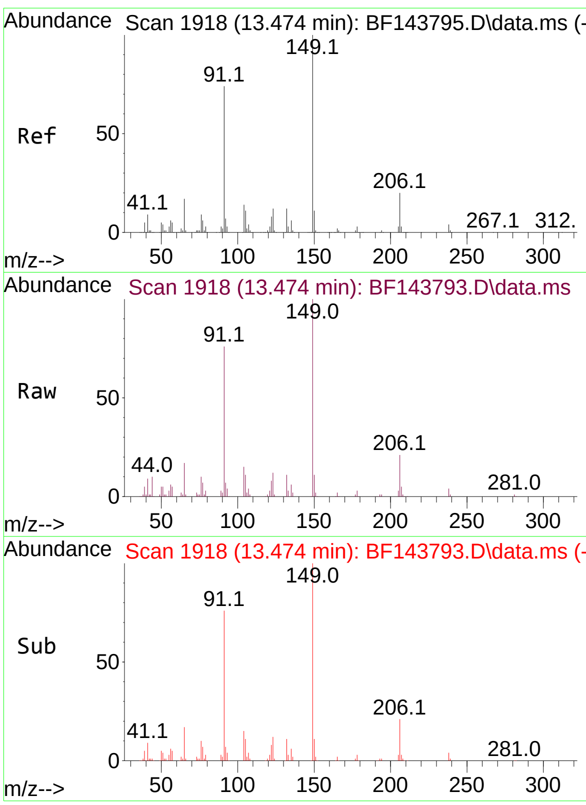


#79
Terphenyl-d14
Concen: 20.493 ng
RT: 12.998 min Scan# 18
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion:244 Resp: 449442

Ion	Ratio	Lower	Upper
244	100		
212	4.7	3.9	5.9
122	7.0	5.6	8.4

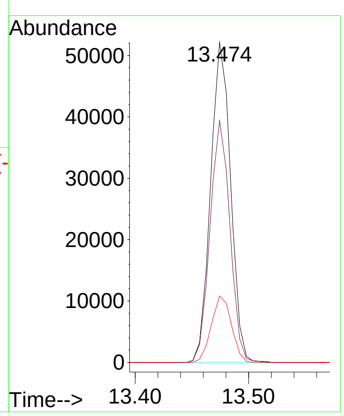




#80
Butylbenzylphthalate
Concen: 8.751 ng
RT: 13.474 min Scan# 1918
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

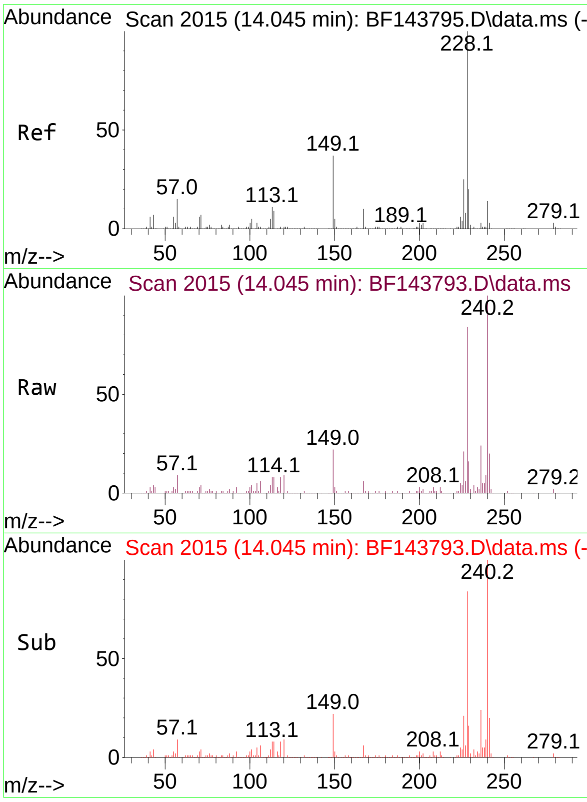
Tgt Ion:149 Resp: 64090

Ion	Ratio	Lower	Upper
149	100		
91	75.5	59.5	89.3
206	20.8	16.1	24.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

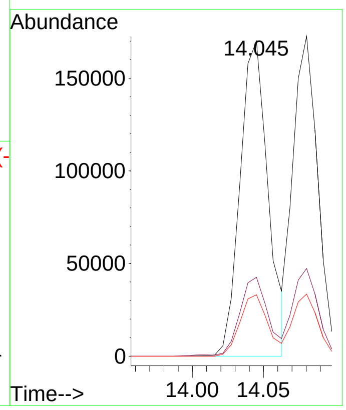
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

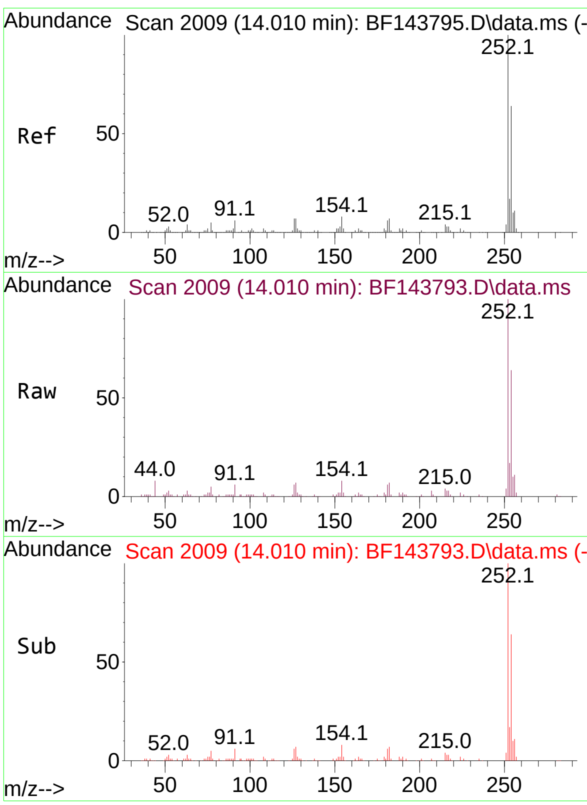


#81
Benzo(a)anthracene
Concen: 10.061 ng
RT: 14.045 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion:228 Resp: 232722

Ion	Ratio	Lower	Upper
228	100		
226	25.0	20.2	30.2
229	19.5	16.1	24.1

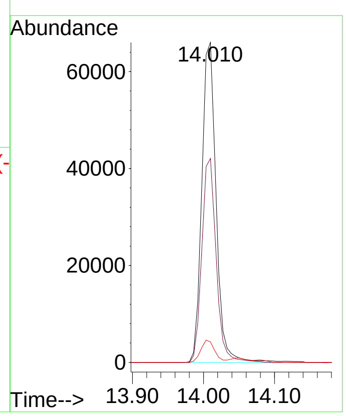




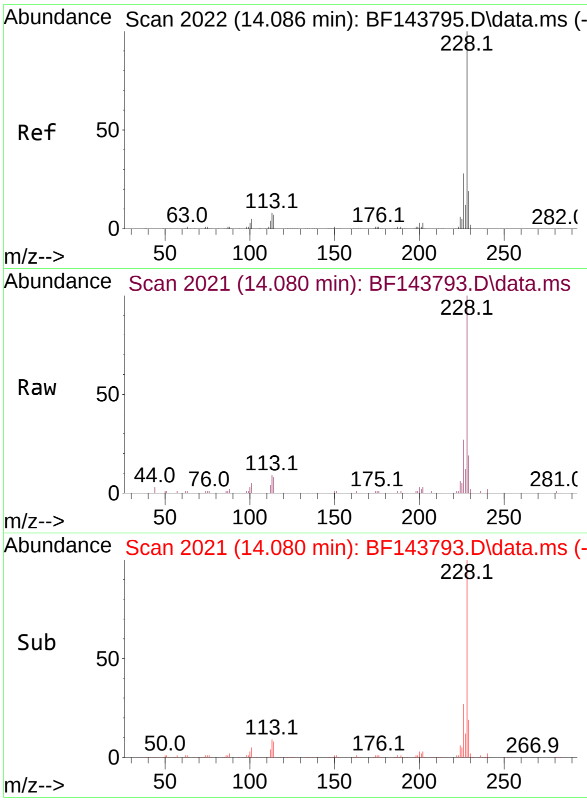
#82
3,3'-Dichlorobenzidine
Concen: 9.160 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion:252 Resp: 91789

Ion	Ratio	Lower	Upper
252	100		
254	63.8	51.5	77.3
126	6.4	5.4	8.2



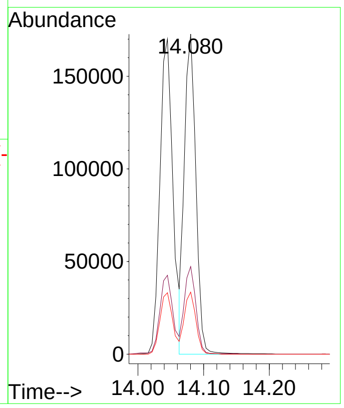
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

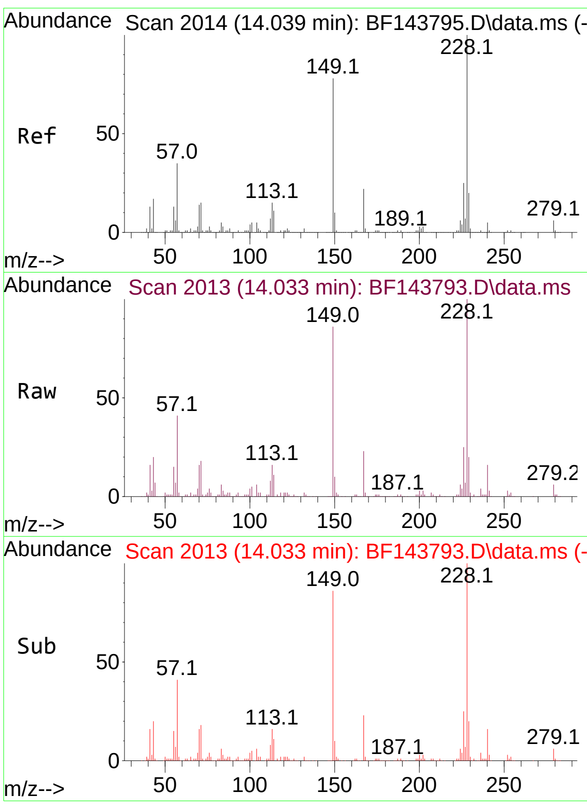


#83
Chrysene
Concen: 10.133 ng
RT: 14.080 min Scan# 2(
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion:228 Resp: 212098

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	19.4	15.6	23.4

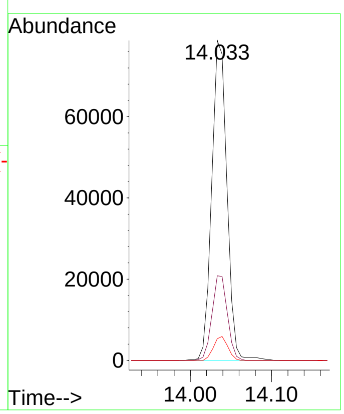




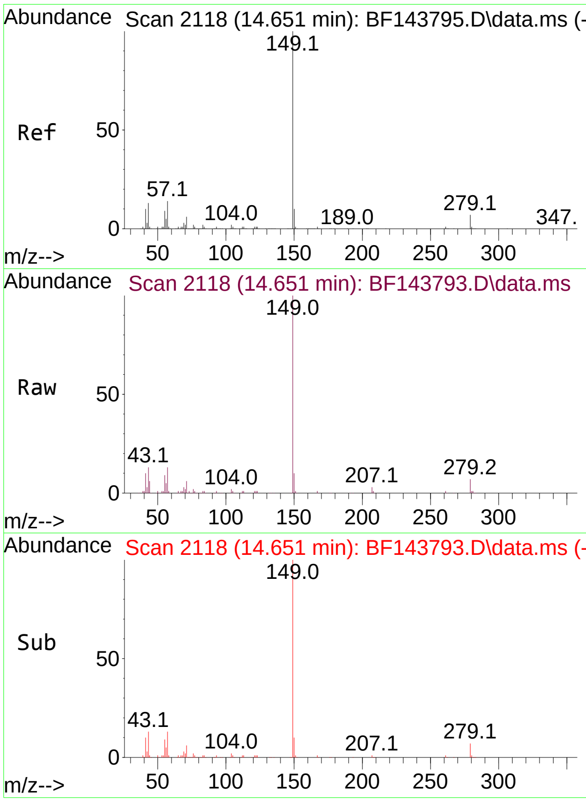
#84
Bis(2-ethylhexyl)phthalate
Concen: 9.557 ng
RT: 14.033 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion:149 Resp: 102600

Ion	Ratio	Lower	Upper
149	100		
167	26.4	22.2	33.2
279	6.8	6.0	9.0



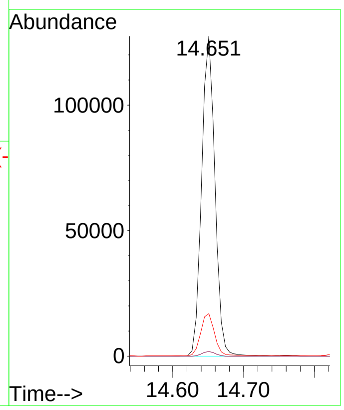
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

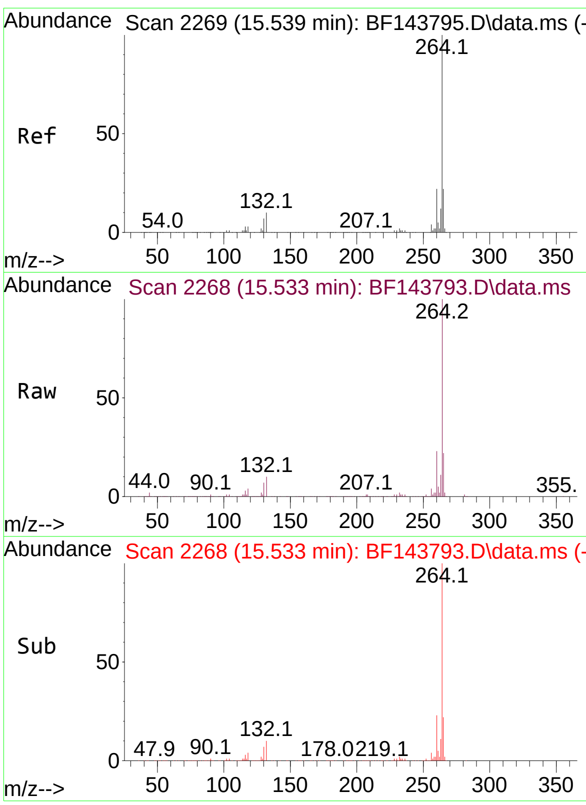


#85
Di-n-octyl phthalate
Concen: 8.482 ng
RT: 14.651 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion:149 Resp: 165178

Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.1	1.7
43	13.7	10.7	16.1

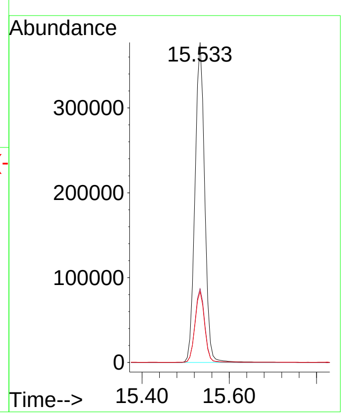




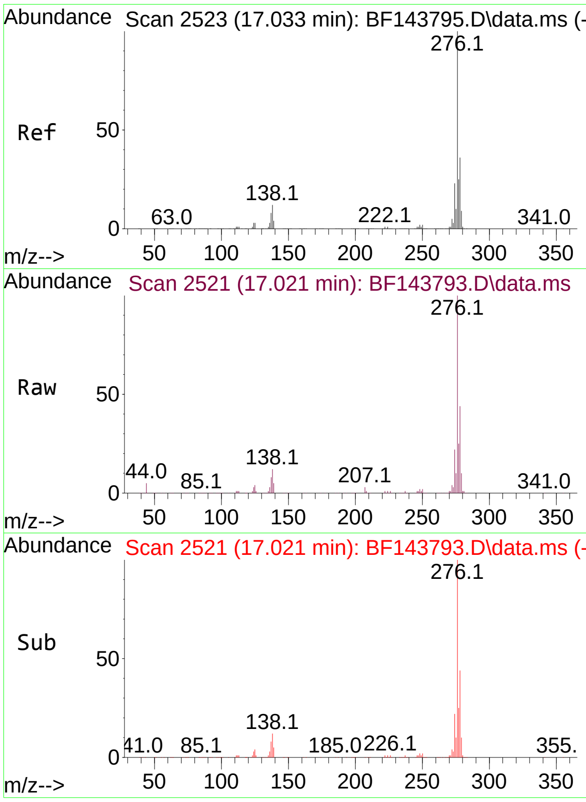
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion:264 Resp: 582350

Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.9	26.9
265	22.1	17.7	26.5



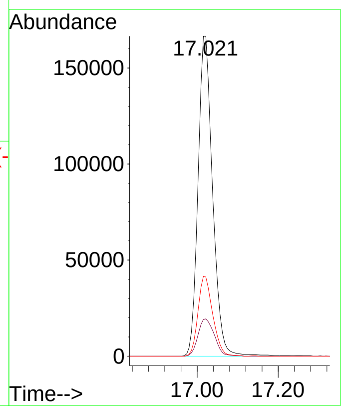
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

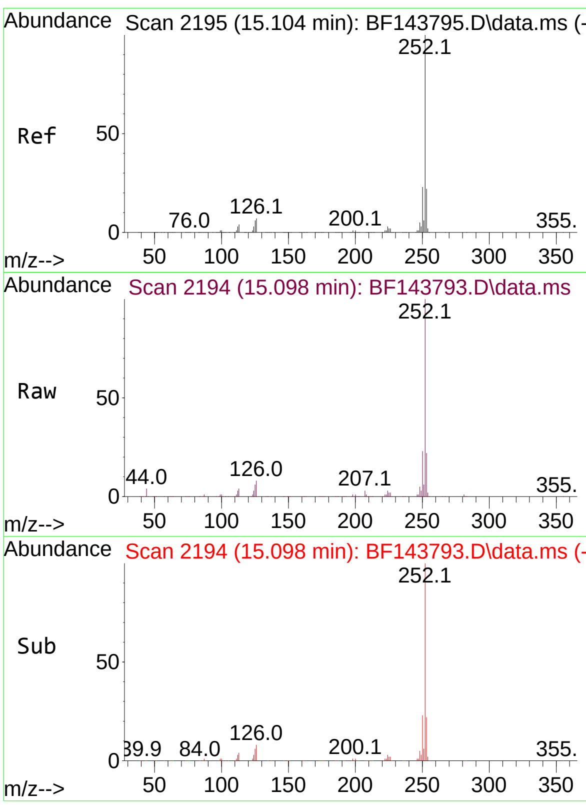


#87
Indeno(1,2,3-cd)pyrene
Concen: 9.400 ng
RT: 17.021 min Scan# 2
Delta R.T. -0.023 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion:276 Resp: 415337

Ion	Ratio	Lower	Upper
276	100		
138	13.0	10.6	15.8
277	25.1	20.7	31.1

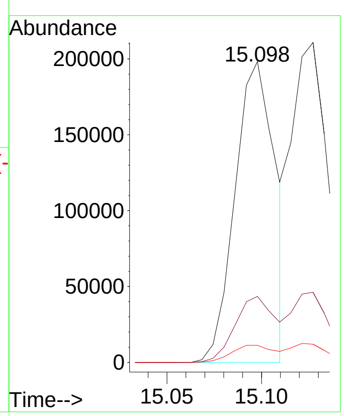




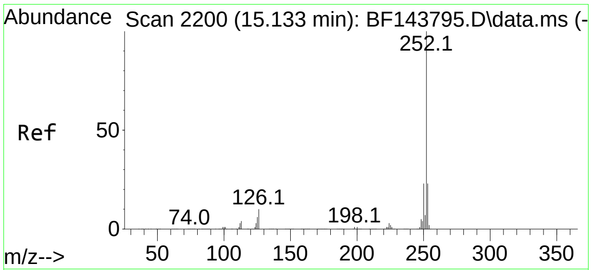
#88
Benzo(b)fluoranthene
Concen: 9.857 ng
RT: 15.098 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

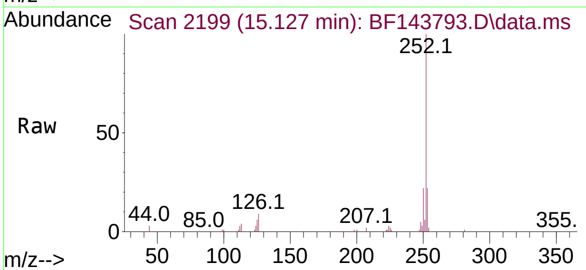
Tgt Ion:252 Resp: 292308

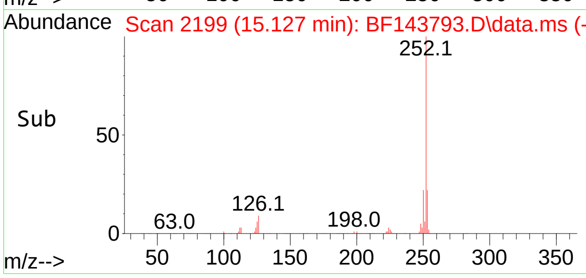
Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.8
125	5.7	4.4	6.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC010



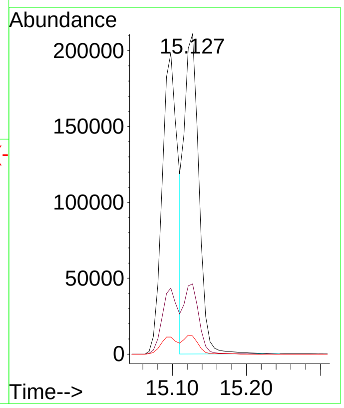


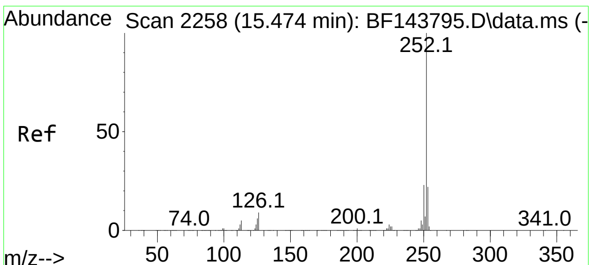


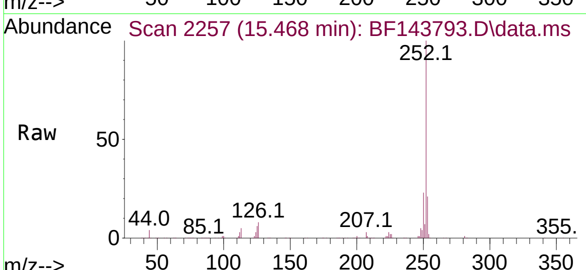
#89
Benzo(k)fluoranthene
Concen: 9.808 ng
RT: 15.127 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

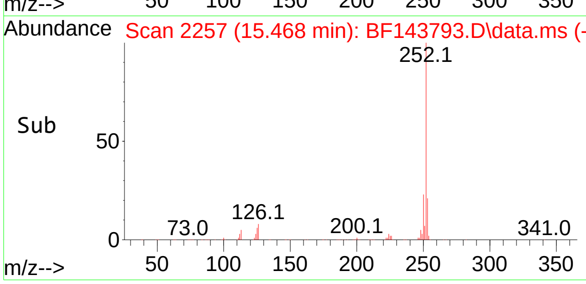
Tgt Ion:252 Resp: 292238

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	5.7	4.6	6.8





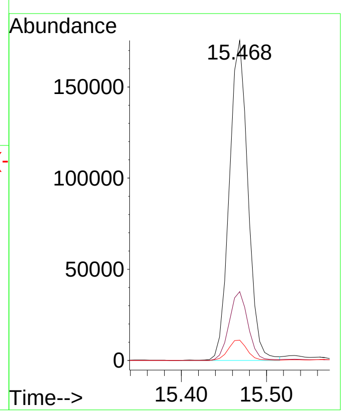




#90
Benzo(a)pyrene
Concen: 9.606 ng
RT: 15.468 min Scan# 2257
Delta R.T. -0.012 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

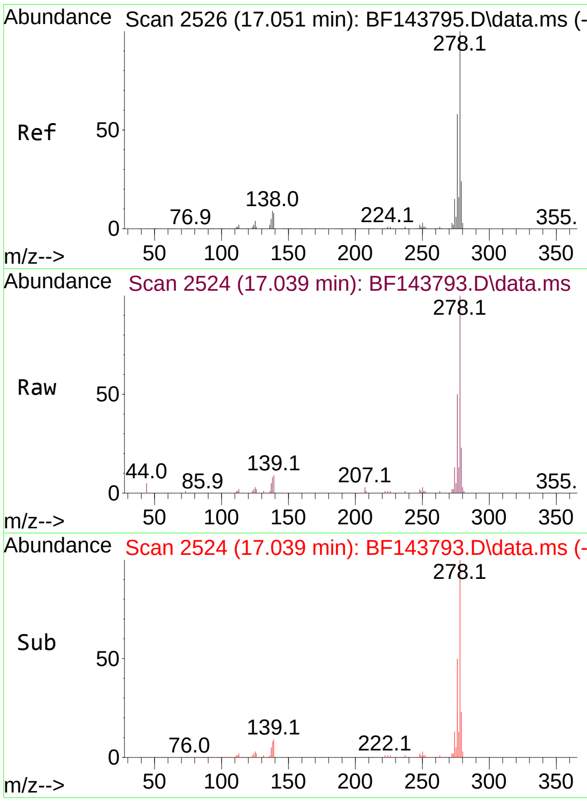
Tgt Ion:252 Resp: 267775

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.6	26.4
125	6.3	5.0	7.4

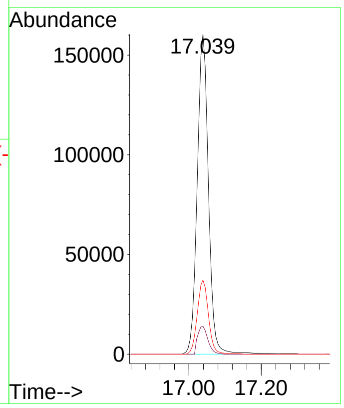


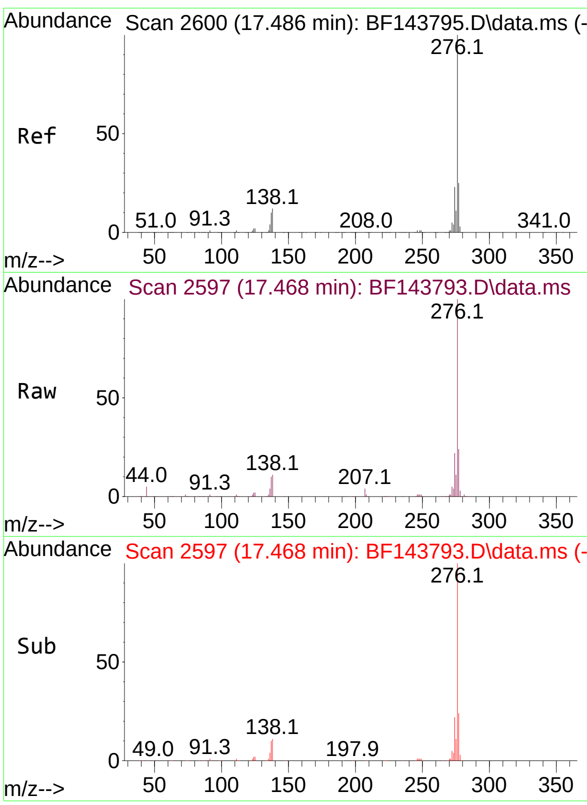
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

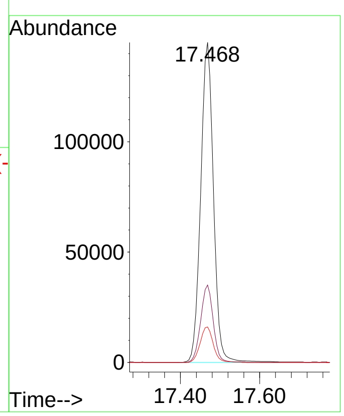



```
#91
Dibenzo(a,h)anthracene
Concen:    9.564 ng
RT:  17.039 min  Scan# 2
Delta R.T.  -0.029 min
Lab File:   BF143793.D
Acq: 23 Sep 2025  11:57

Tgt Ion:278 Resp:  345636
Ion  Ratio  Lower  Upper
278  100
139    8.7    6.7   10.1
279   23.2   19.3   28.9
```






```
#92
Benzo(g,h,i)perylene
Concen:    9.329 ng
RT:  17.468 min  Scan# 2597
Delta R.T.  -0.035 min
Lab File:   BF143793.D
Acq: 23 Sep 2025  11:57

Tgt Ion:276 Resp:  324982
Ion  Ratio  Lower  Upper
276  100
277   24.2   19.6   29.4
138   11.1    9.2   13.8
```



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
Data File : BF143794.D
Acq On : 23 Sep 2025 12:27
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 23 17:06:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 23 16:31:21 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	123560	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	446120	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	213356	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	331910	20.000	ng	0.00
76) Chrysene-d12	14.057	240	394143	20.000	ng	0.00
86) Perylene-d12	15.533	264	545751	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	327687	42.681	ng	-0.01
7) Phenol-d6	6.498	99	377986	41.720	ng	-0.01
23) Nitrobenzene-d5	7.445	82	302138	42.621	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	138317	45.426	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	622849	43.140	ng	0.00
79) Terphenyl-d14	12.998	244	798420	39.771	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.628	88	73941	20.313	ng	99
3) Pyridine	3.399	79	200605	20.416	ng	98
4) n-Nitrosodimethylamine	3.328	42	100296	20.357	ng	98
6) Aniline	6.545	93	266602	20.904	ng	99
8) 2-Chlorophenol	6.663	128	164198	21.090	ng	98
9) Benzaldehyde	6.434	77	117654	15.290	ng	99
10) Phenol	6.510	94	214576m	21.008	ng	
11) bis(2-Chloroethyl)ether	6.616	93	166393	20.783	ng	99
12) 1,3-Dichlorobenzene	6.828	146	192258	21.268	ng	99
13) 1,4-Dichlorobenzene	6.904	146	191454	21.223	ng	100
14) 1,2-Dichlorobenzene	7.057	146	181008	21.185	ng	99
15) Benzyl Alcohol	7.016	79	132713	20.902	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	398403	20.985	ng	100
17) 2-Methylphenol	7.128	107	124617	20.674	ng	99
18) Hexachloroethane	7.398	117	67048	21.134	ng	98
19) n-Nitroso-di-n-propyla...	7.287	70	114449	20.254	ng	100
20) 3+4-Methylphenols	7.281	107	155211	21.145	ng	# 86
22) Acetophenone	7.293	105	208896	21.319	ng	97
24) Nitrobenzene	7.463	77	164815	20.402	ng	97
25) Isophorone	7.698	82	289674	20.396	ng	99
26) 2-Nitrophenol	7.781	139	55948	18.629	ng	97
27) 2,4-Dimethylphenol	7.810	122	129731	20.437	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	191947	20.802	ng	100
29) 2,4-Dichlorophenol	8.016	162	128651	20.597	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	135810	20.952	ng	99
31) Naphthalene	8.187	128	455060	21.308	ng	100
32) Benzoic acid	7.875	122	40592	13.254	ng	97
33) 4-Chloroaniline	8.234	127	157439	20.978	ng	99
34) Hexachlorobutadiene	8.310	225	99520	20.595	ng	99
35) Caprolactam	8.575	113	30948	19.385	ng	95
36) 4-Chloro-3-methylphenol	8.704	107	121067	20.667	ng	97
37) 2-Methylnaphthalene	8.881	142	286790	21.060	ng	98
38) 1-Methylnaphthalene	8.981	142	272276	20.889	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	135689	21.074	ng	99
41) Hexachlorocyclopentadiene	9.034	237	79092	19.382	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	82341	20.423	ng	98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
Data File : BF143794.D
Acq On : 23 Sep 2025 12:27
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 23 17:06:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 23 16:31:21 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	89458	21.213 ng		97
46) 1,1'-Biphenyl	9.345	154	333743	21.610 ng		98
47) 2-Chloronaphthalene	9.369	162	265169	21.330 ng		99
48) 2-Nitroaniline	9.457	65	75737	20.157 ng		95
49) Acenaphthylene	9.781	152	362739	21.195 ng		99
50) Dimethylphthalate	9.634	163	267211	20.548 ng		99
51) 2,6-Dinitrotoluene	9.698	165	42291	19.794 ng		93
52) Acenaphthene	9.957	154	239533	21.268 ng		99
53) 3-Nitroaniline	9.869	138	52183	20.150 ng		96
54) 2,4-Dinitrophenol	9.969	184	8519	16.759 ng	#	1
55) Dibenzofuran	10.128	168	339308	21.305 ng		99
56) 4-Nitrophenol	10.016	139	36150	17.322 ng		98
57) 2,4-Dinitrotoluene	10.098	165	54137	18.952 ng		93
58) Fluorene	10.469	166	253897	21.445 ng		99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	74485	20.618 ng	#	98
60) Diethylphthalate	10.339	149	250459	20.575 ng		99
61) 4-Chlorophenyl-phenyle...	10.463	204	128143	21.242 ng		99
62) 4-Nitroaniline	10.475	138	48558	19.941 ng		98
63) Azobenzene	10.622	77	265823	20.720 ng		98
65) 4,6-Dinitro-2-methylph...	10.504	198	15499	17.632 ng		94
66) n-Nitrosodiphenylamine	10.581	169	228456	20.930 ng		99
67) 4-Bromophenyl-phenylether	10.957	248	115749	20.464 ng		99
68) Hexachlorobenzene	11.022	284	162113	20.797 ng		98
69) Atrazine	11.104	200	65580	20.747 ng		98
70) Pentachlorophenol	11.210	266	71585	18.449 ng		99
71) Phenanthrene	11.433	178	355364	20.854 ng		100
72) Anthracene	11.486	178	361245	21.135 ng		99
73) Carbazole	11.639	167	314908	21.072 ng		99
74) Di-n-butylphthalate	11.975	149	356883	20.764 ng		99
75) Fluoranthene	12.627	202	364772	21.284 ng		99
77) Benzidine	12.745	184	174994	18.220 ng		100
78) Pyrene	12.857	202	390517	20.153 ng		99
80) Butylbenzylphthalate	13.474	149	131846	19.666 ng		99
81) Benzo(a)anthracene	14.045	228	426715	20.153 ng		99
82) 3,3'-Dichlorobenzidine	14.010	252	183227	19.974 ng		100
83) Chrysene	14.080	228	392431	20.482 ng		99
84) Bis(2-ethylhexyl)phtha...	14.033	149	202632	20.620 ng		99
85) Di-n-octyl phthalate	14.651	149	345757	19.397 ng		100
87) Indeno(1,2,3-cd)pyrene	17.021	276	862284	20.824 ng		100
88) Benzo(b)fluoranthene	15.098	252	561825	20.215 ng		99
89) Benzo(k)fluoranthene	15.127	252	589201	21.102 ng		99
90) Benzo(a)pyrene	15.468	252	539579	20.654 ng		100
91) Dibenzo(a,h)anthracene	17.045	278	710542	20.980 ng		99
92) Benzo(g,h,i)perylene	17.474	276	673228	20.621 ng		99

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

Quantitation Report (QT Reviewed)

ICAL Form

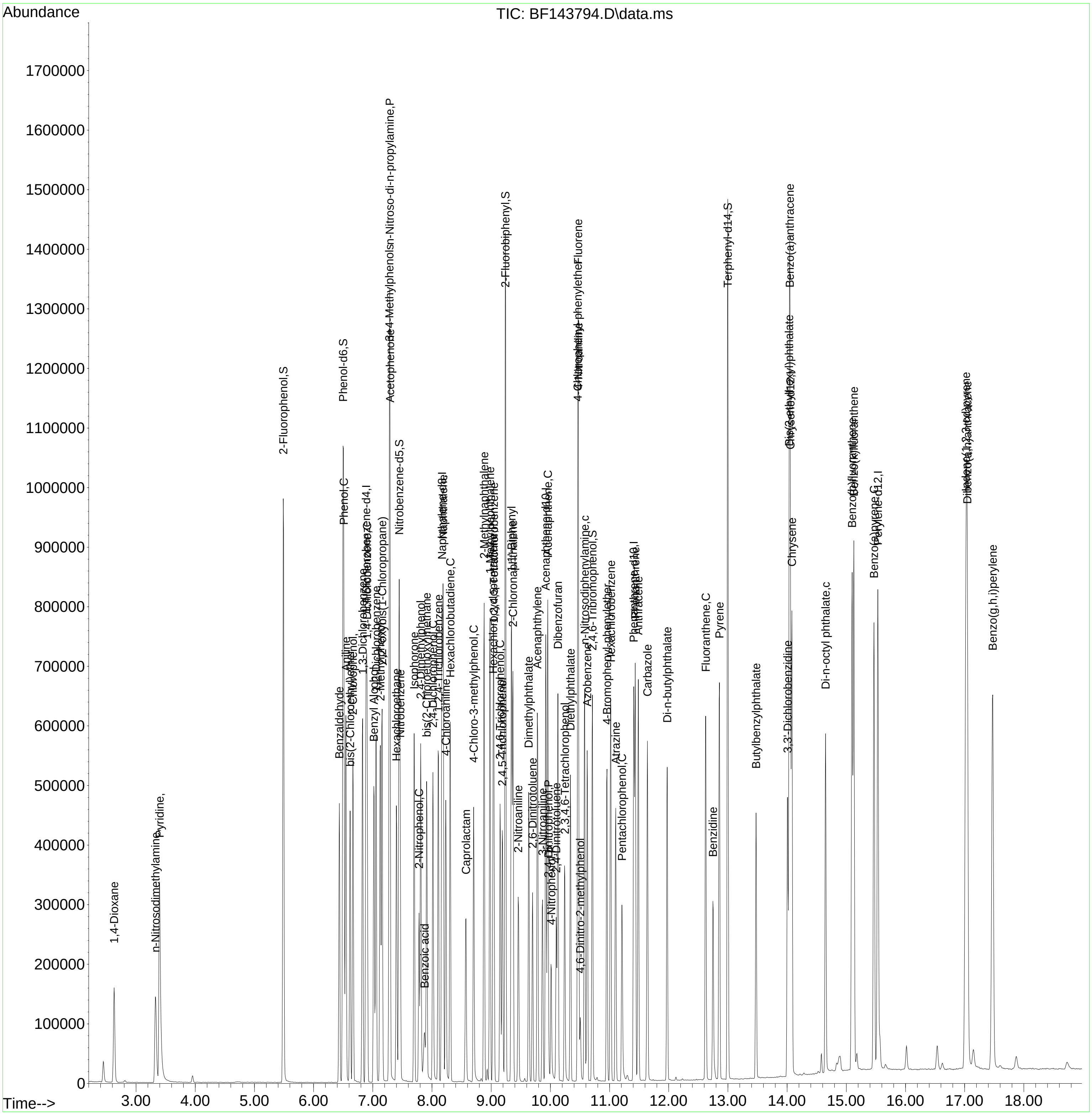
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
Data File : BF143794.D
Acq On : 23 Sep 2025 12:27
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 23 17:06:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 23 16:31:21 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

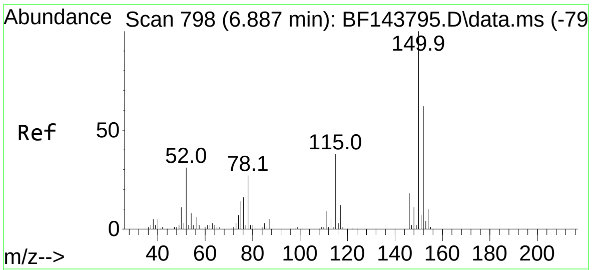
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

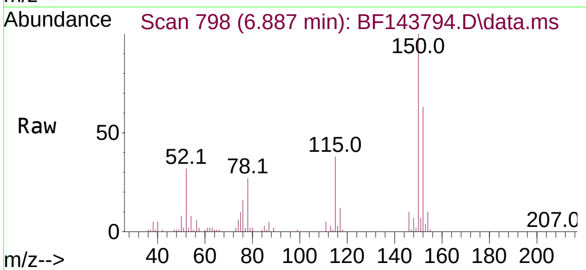
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

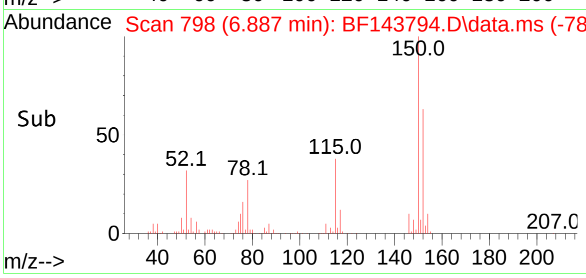


Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



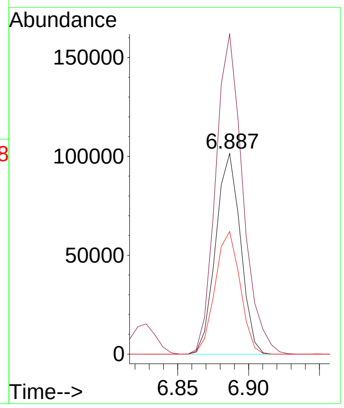


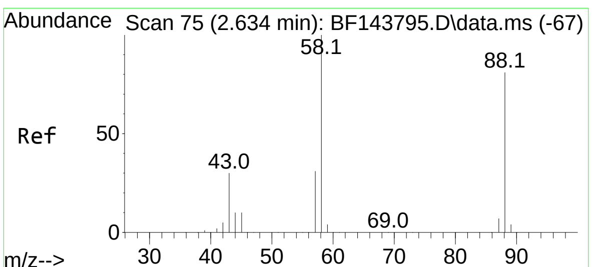


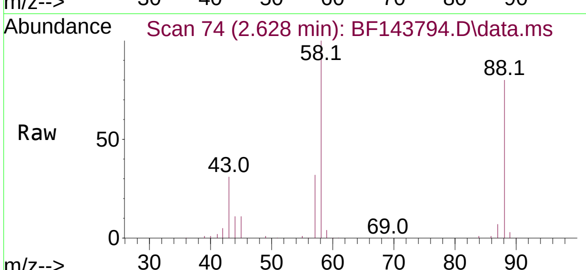
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

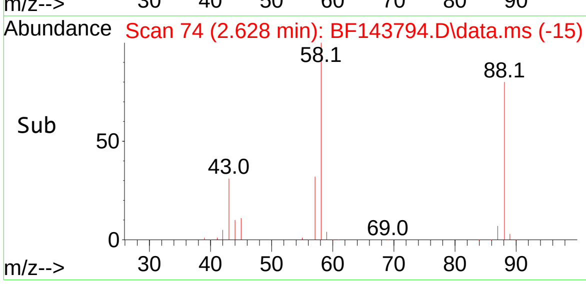
Tgt Ion:152 Resp: 12356

Ion	Ratio	Lower	Upper
152	100		
150	159.6	129.6	194.4
115	61.2	49.0	73.4





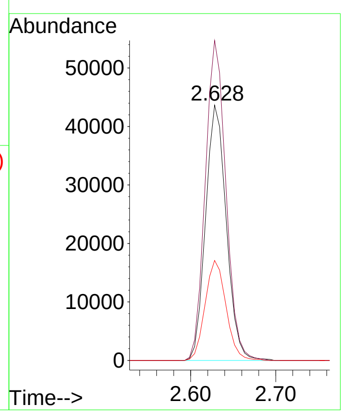




#2
1,4-Dioxane
Concen: 20.313 ng
RT: 2.628 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion: 88 Resp: 73941

Ion	Ratio	Lower	Upper
88	100		
58	124.8	99.4	149.2
43	39.5	30.6	45.8



Instrument :
BNA_F
ClientSampleId :
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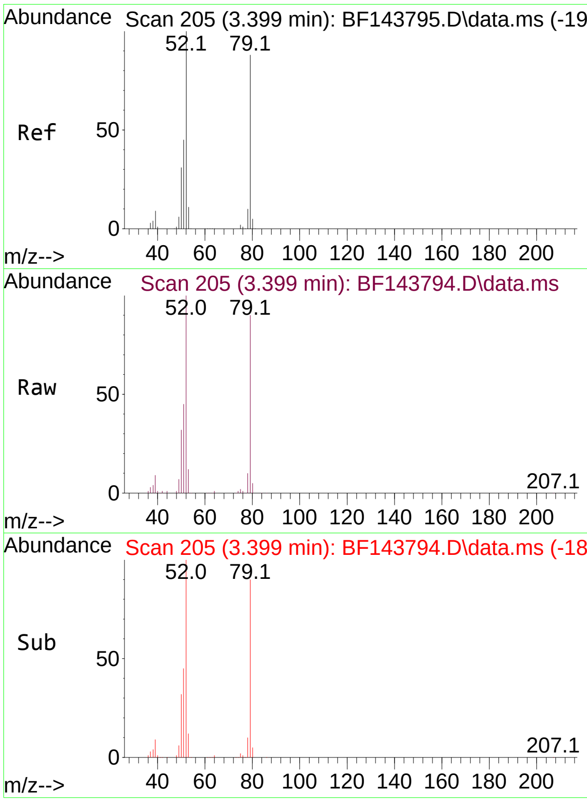
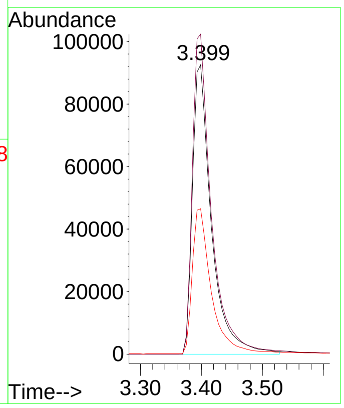
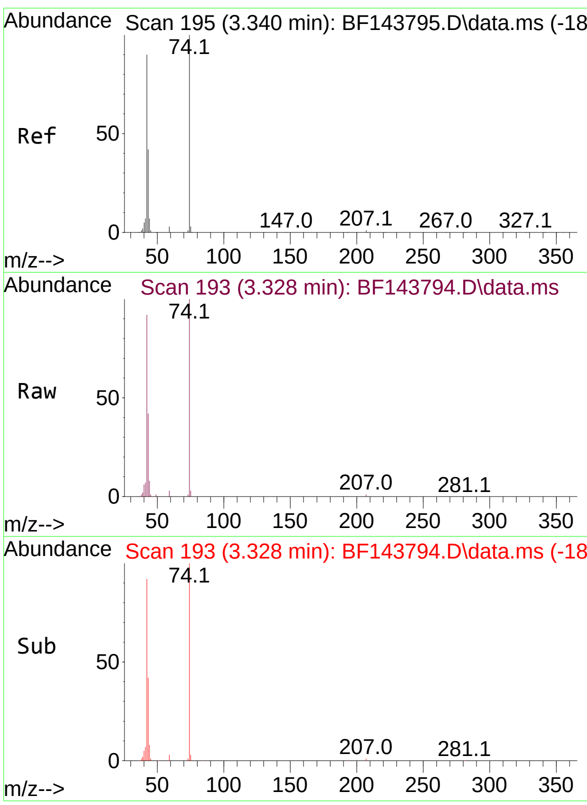
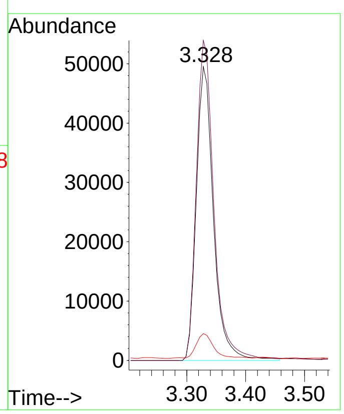



```
#3
Pyridine
Concen:   20.416 ng
RT:   3.399 min   Scan# 20
Delta R.T.  0.000 min
Lab File:   BF143794.D
Acq: 23 Sep 2025   12:27

Tgt Ion: 79 Resp:  200605
Ion  Ratio  Lower  Upper
 79  100
 52  110.6   90.5  135.7
 51   50.3   40.6   61.0
```






```
#4
n-Nitrosodimethylamine
Concen:   20.357 ng
RT:   3.328 min   Scan# 193
Delta R.T.  -0.029 min
Lab File:   BF143794.D
Acq: 23 Sep 2025   12:27

Tgt Ion: 42 Resp:  100296
Ion  Ratio  Lower  Upper
 42  100
 74  108.9   89.1  133.7
 44    9.1    6.4    9.6
```



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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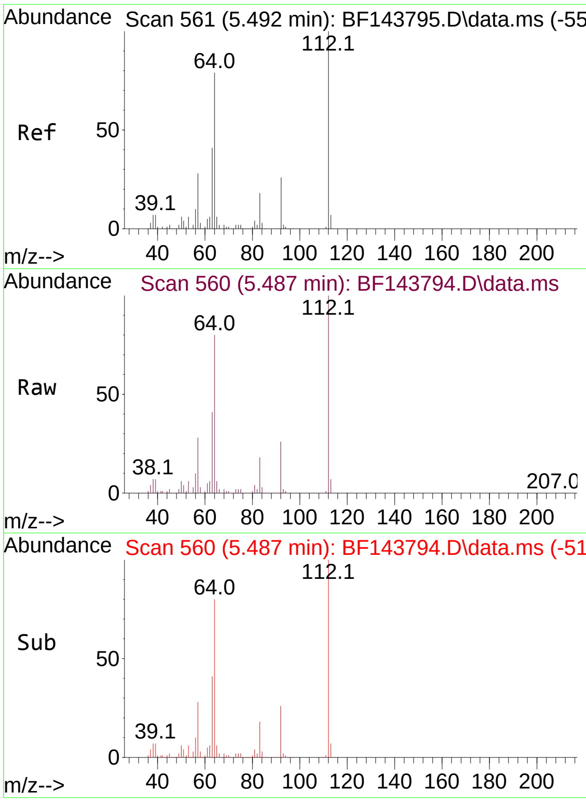
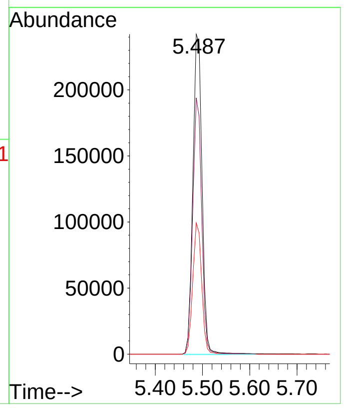
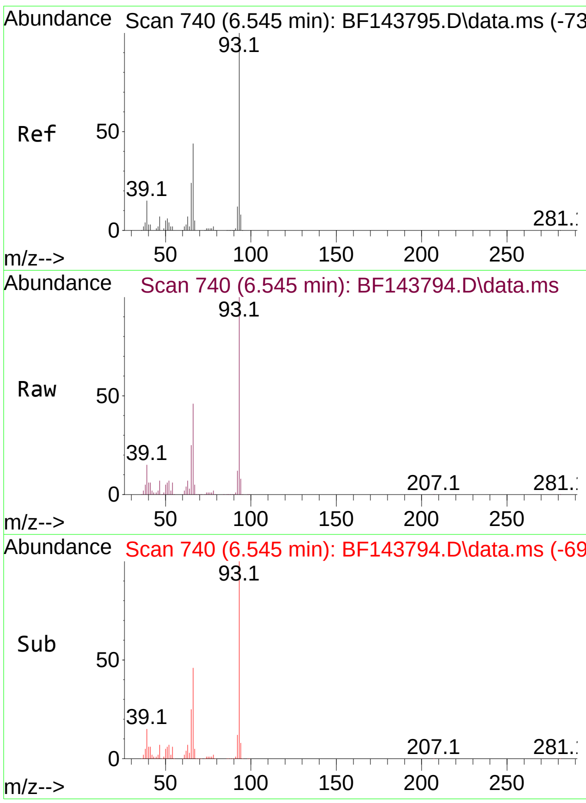


#5
2-Fluorophenol
Concen: 42.681 ng
RT: 5.487 min Scan# 56
Delta R.T. -0.012 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion:112 Resp: 327687

Ion	Ratio	Lower	Upper
112	100		
64	80.1	63.0	94.4
63	41.0	32.6	49.0

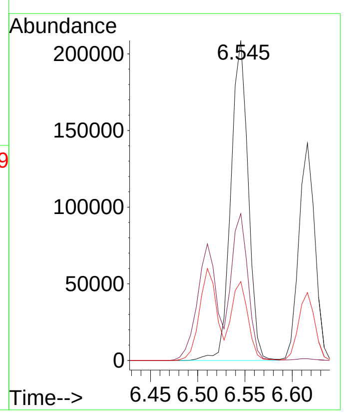




#6
Aniline
Concen: 20.904 ng
RT: 6.545 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion: 93 Resp: 266602

Ion	Ratio	Lower	Upper
93	100		
66	45.9	37.1	55.7
65	24.6	19.4	29.0



Instrument :
BNA_F
ClientSampleId :
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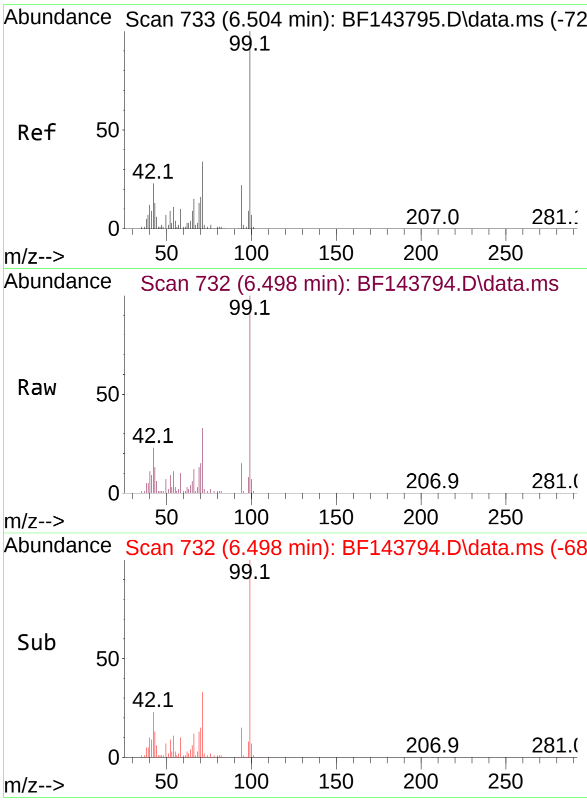
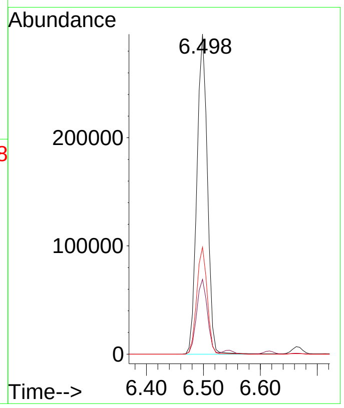
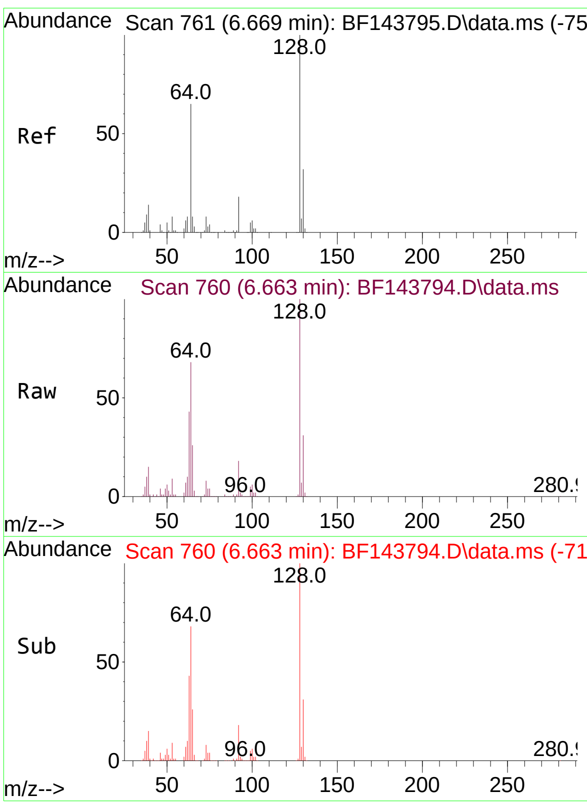


#7
Phenol-d6
Concen: 41.720 ng
RT: 6.498 min Scan# 73
Delta R.T. -0.012 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion: 99 Resp: 377986

Ion	Ratio	Lower	Upper
99	100		
42	23.4	18.6	28.0
71	33.4	27.0	40.4

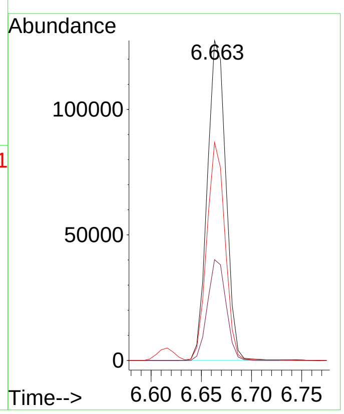


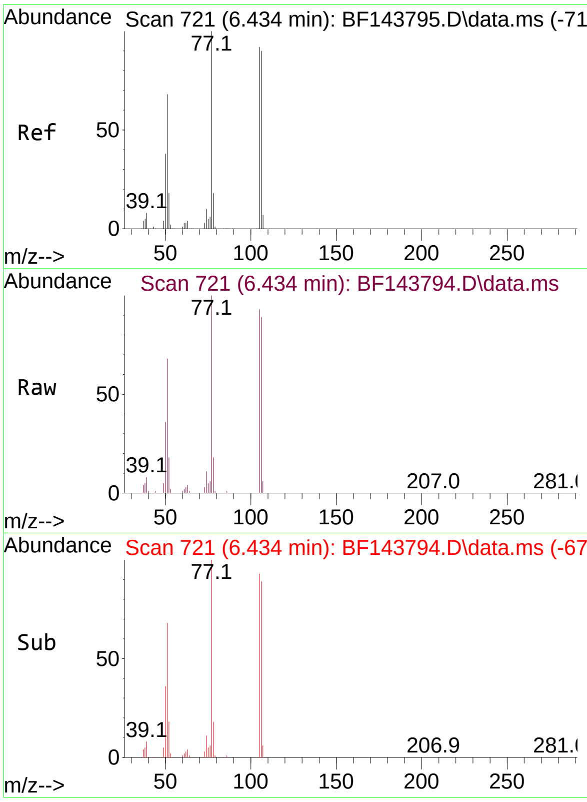


#8
2-Chlorophenol
Concen: 21.090 ng
RT: 6.663 min Scan# 760
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion:128 Resp: 164198

Ion	Ratio	Lower	Upper
128	100		
130	31.5	12.2	52.2
64	68.1	46.5	86.5

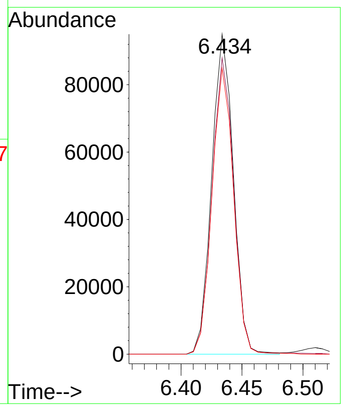




#9
Benzaldehyde
Concen: 15.290 ng
RT: 6.434 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion: 77 Resp: 11765

Ion	Ratio	Lower	Upper
77	100		
105	92.5	71.8	111.8
106	89.3	69.8	109.8



Instrument :
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ClientSampleId :
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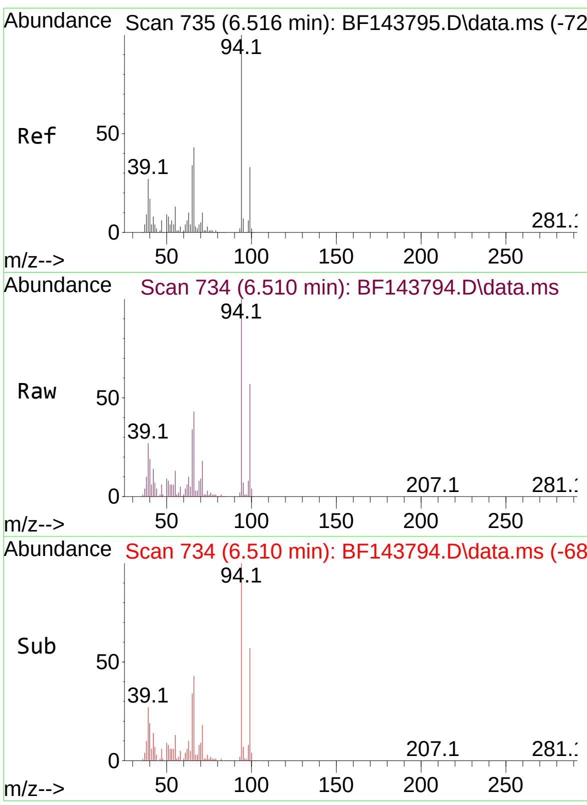
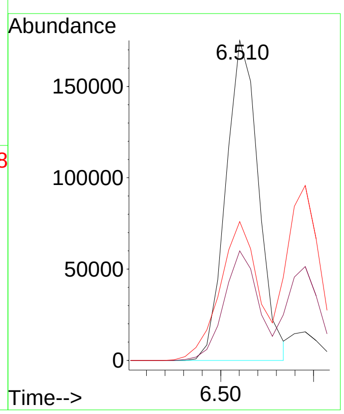
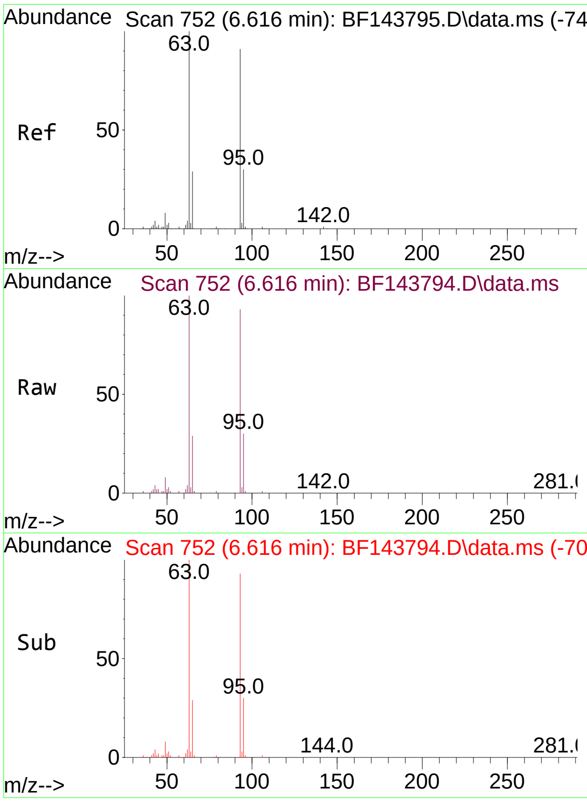


#10
Phenol
Concen: 21.008 ng m
RT: 6.510 min Scan# 734
Delta R.T. -0.018 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion: 94 Resp: 214576

Ion	Ratio	Lower	Upper
94	100		
65	34.2	14.2	54.2
66	43.4	24.1	64.1





#11
bis(2-Chloroethyl)ether
Concen: 20.783 ng
RT: 6.616 min Scan# 75
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 93 Resp: 16639

Ion	Ratio	Lower	Upper
93	100		
63	108.0	89.2	129.2
95	32.3	12.9	52.9

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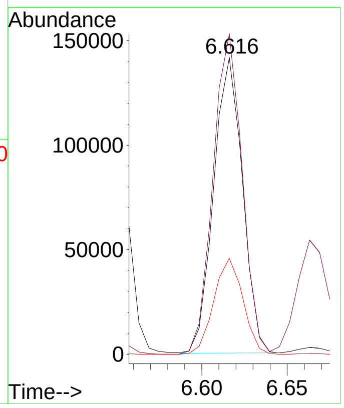

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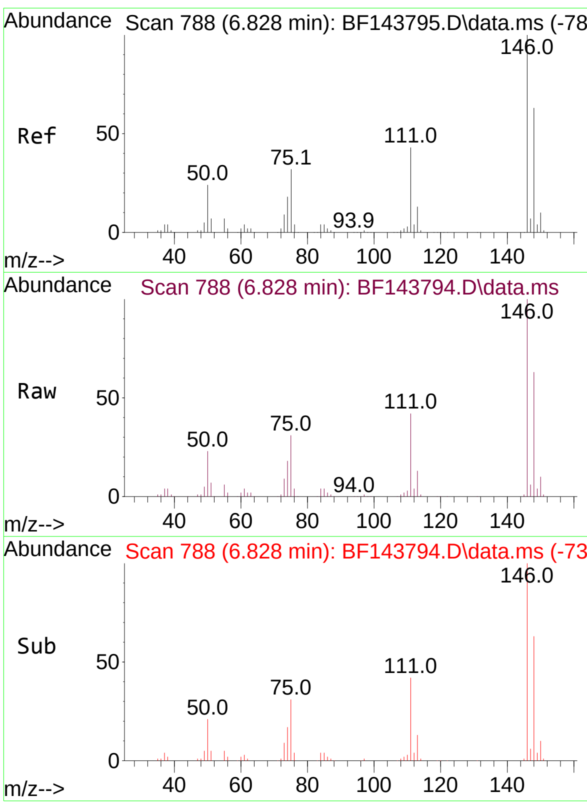
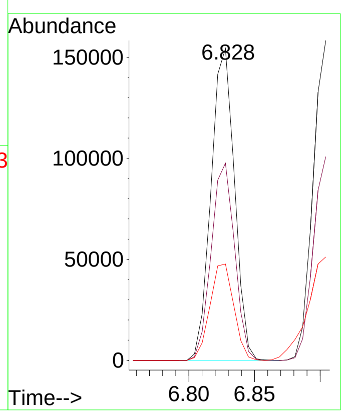


#12
1,3-Dichlorobenzene
Concen: 21.268 ng
RT: 6.828 min Scan# 788
Delta R.T. 0.000 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion:146 Resp: 192258

Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.4	75.6
75	30.9	25.6	38.4



Instrument :
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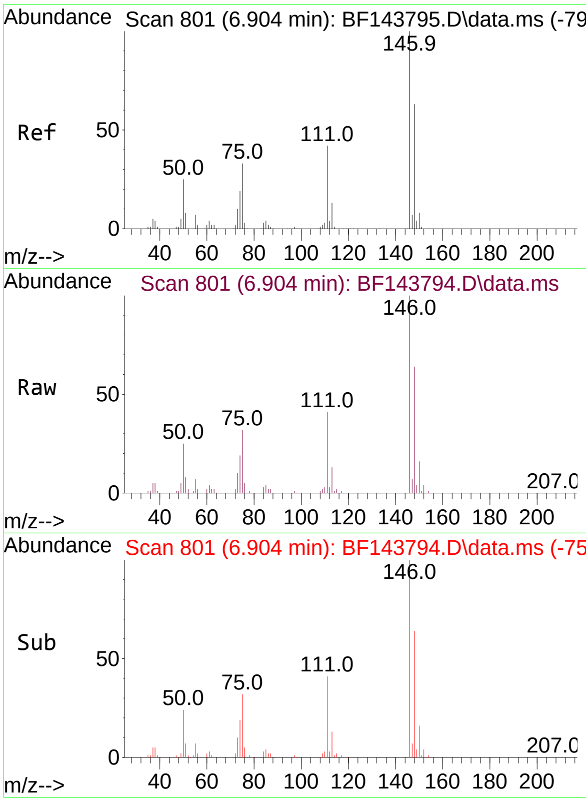
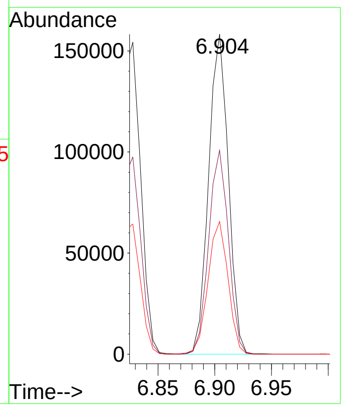
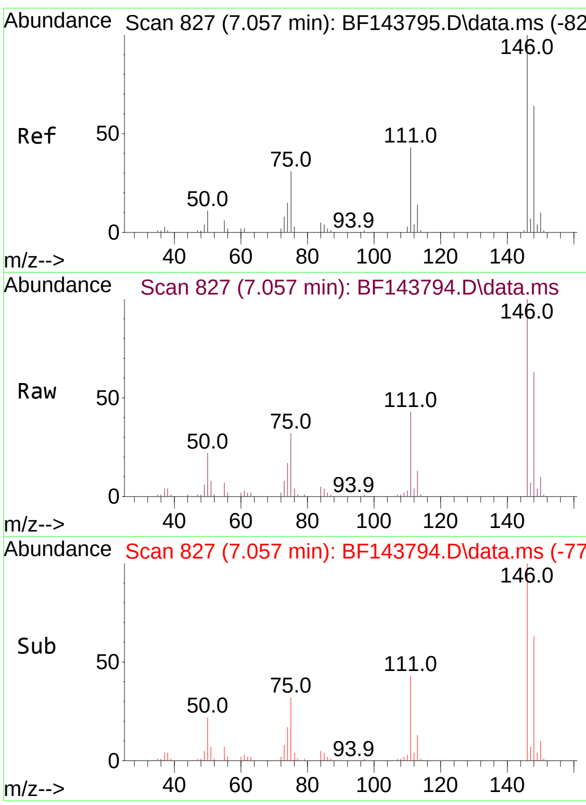


#13
1,4-Dichlorobenzene
Concen: 21.223 ng
RT: 6.904 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion:146 Resp: 191454

Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.7	76.1
111	41.4	33.4	50.2

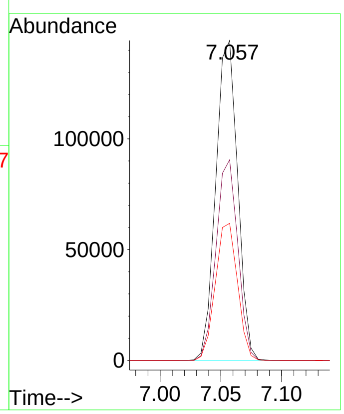


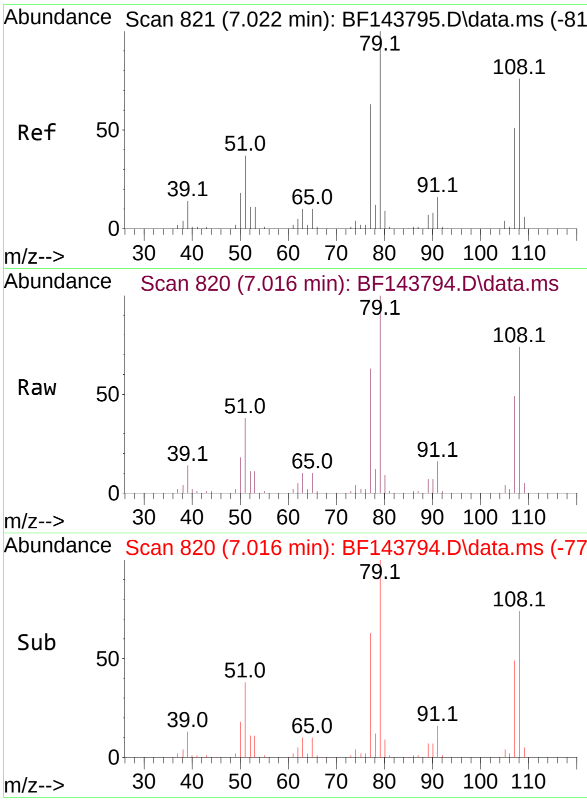


#14
1,2-Dichlorobenzene
Concen: 21.185 ng
RT: 7.057 min Scan# 827
Delta R.T. 0.000 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion:146 Resp: 181008

Ion	Ratio	Lower	Upper
146	100		
148	62.7	51.1	76.7
111	42.9	34.3	51.5





#15
Benzyl Alcohol
Concen: 20.902 ng
RT: 7.016 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion: 79 Resp: 13271

Ion	Ratio	Lower	Upper
79	100		
108	74.3	60.5	90.7
77	63.1	50.3	75.5

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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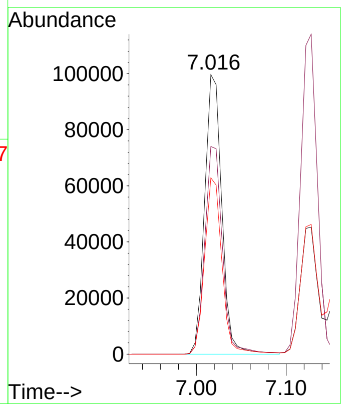
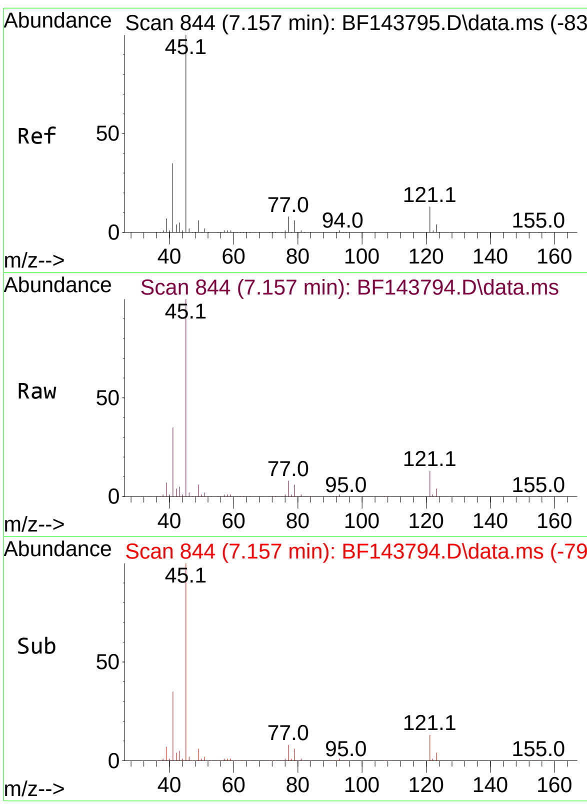
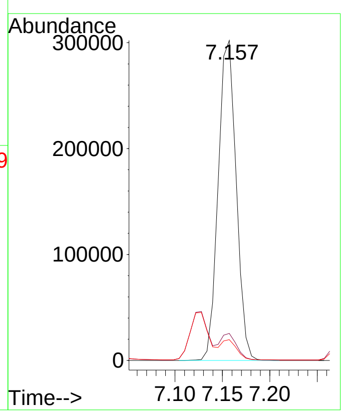




#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.985 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion: 45 Resp: 398403

Ion	Ratio	Lower	Upper
45	100		
77	8.4	0.0	28.5
79	6.5	0.0	26.3



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Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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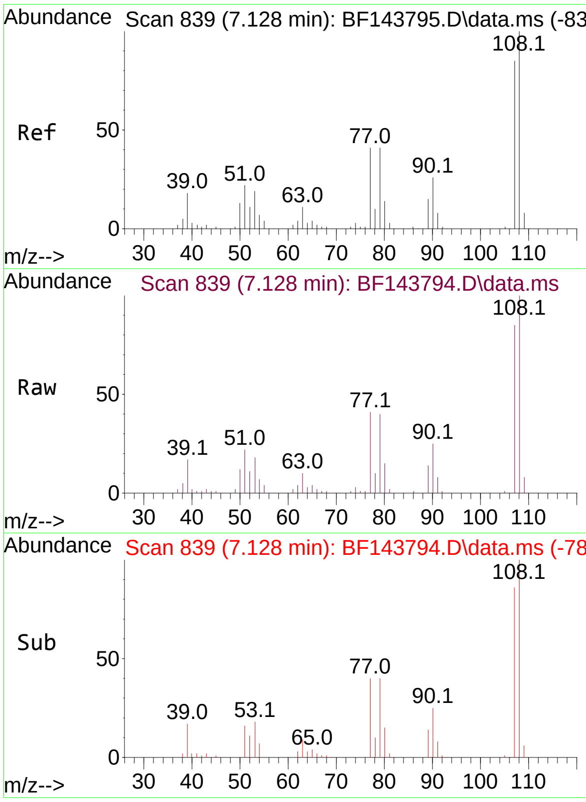
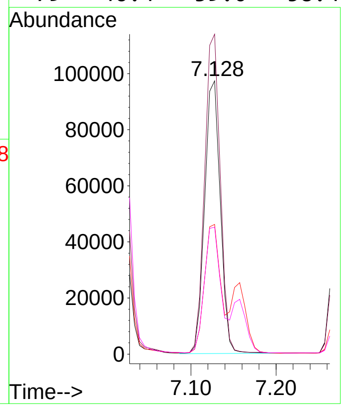
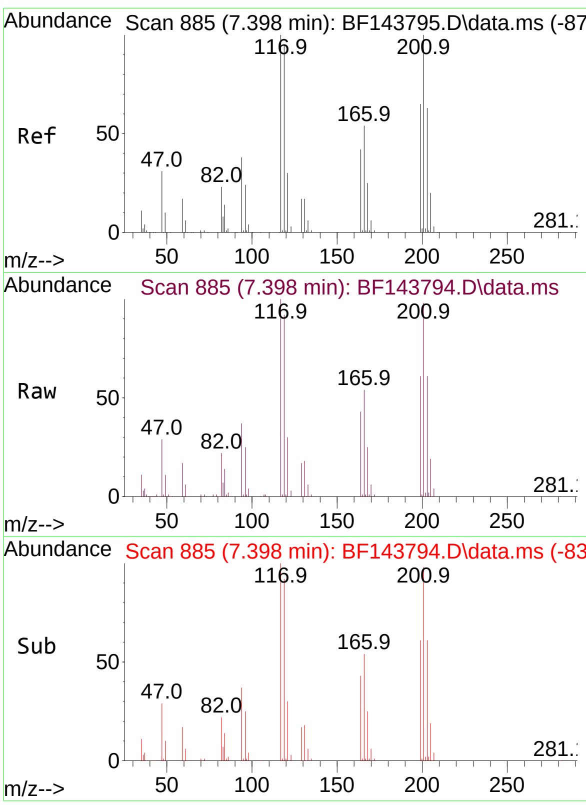


#17
2-Methylphenol
Concen: 20.674 ng
RT: 7.128 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion:107 Resp: 12461

Ion	Ratio	Lower	Upper
107	100		
108	117.1	94.2	141.4
77	47.4	38.6	58.0
79	46.4	39.0	58.4

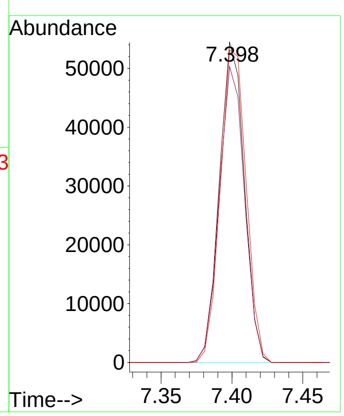




#18
Hexachloroethane
Concen: 21.134 ng
RT: 7.398 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion:117 Resp: 67048

Ion	Ratio	Lower	Upper
117	100		
119	92.4	76.2	114.2
201	97.6	79.7	119.5



Instrument :
BNA_F
ClientSampleId :
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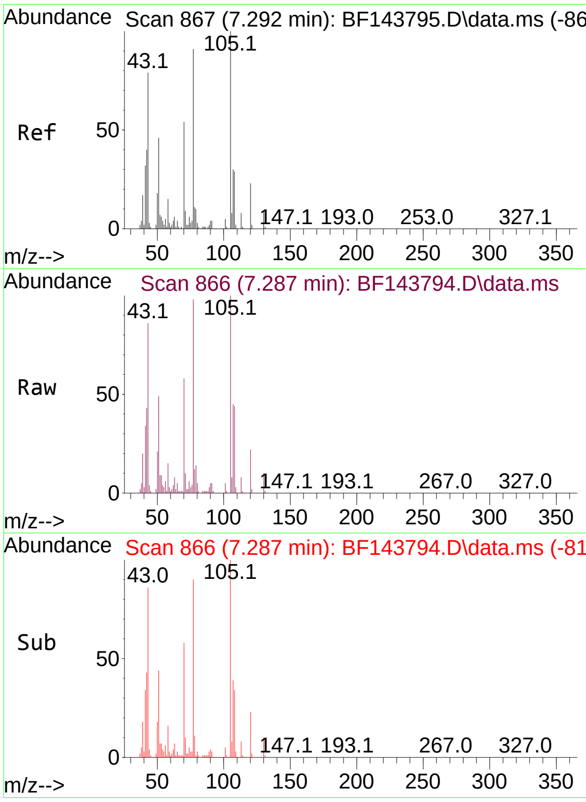
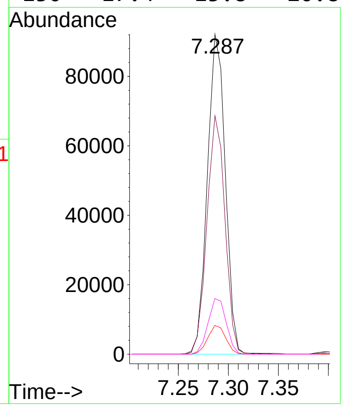
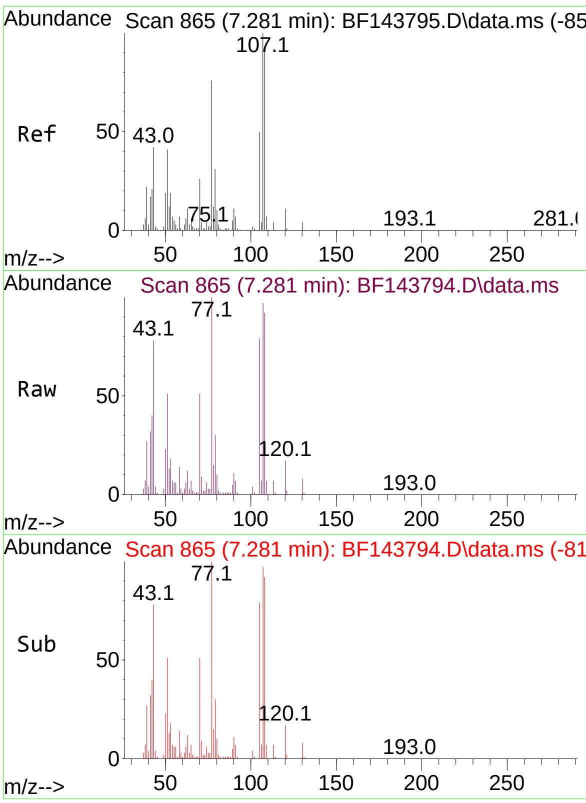


#19
n-Nitroso-di-n-propylamine
Concen: 20.254 ng
RT: 7.287 min Scan# 86
Delta R.T. -0.018 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion: 70 Resp: 11444

Ion	Ratio	Lower	Upper
70	100		
42	74.5	59.4	89.0
101	9.0	7.1	10.7
130	17.4	13.8	20.8

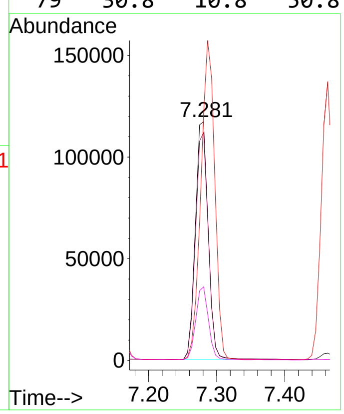




#20
3+4-Methylphenols
Concen: 21.145 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion:107 Resp: 155211

Ion	Ratio	Lower	Upper
107	100		
108	95.5	72.5	112.5
77	103.4	56.2	96.2#
79	30.8	10.8	50.8



Instrument : BNA_F
ClientSampleId : SSTDICC020

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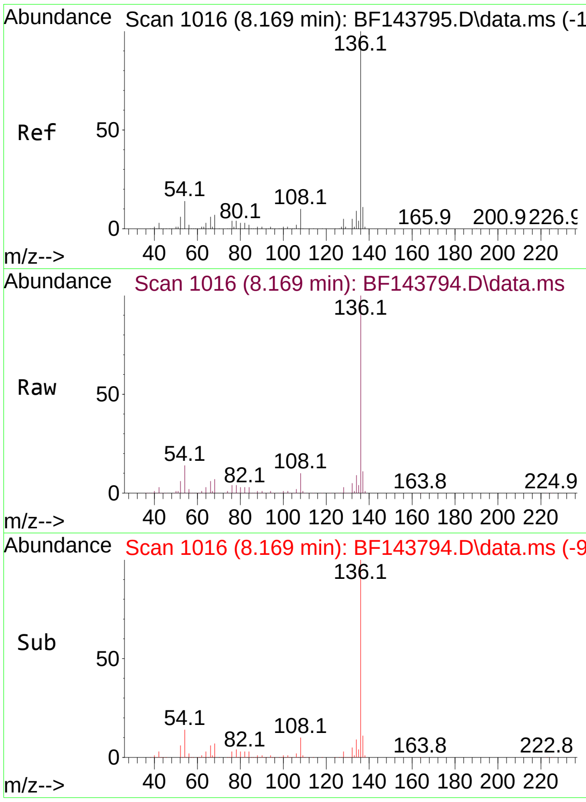
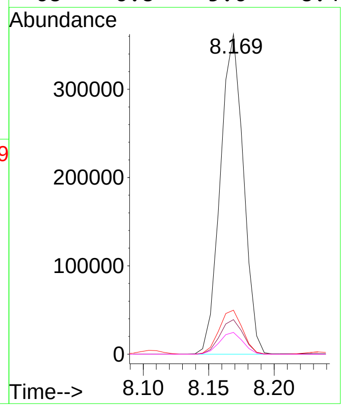
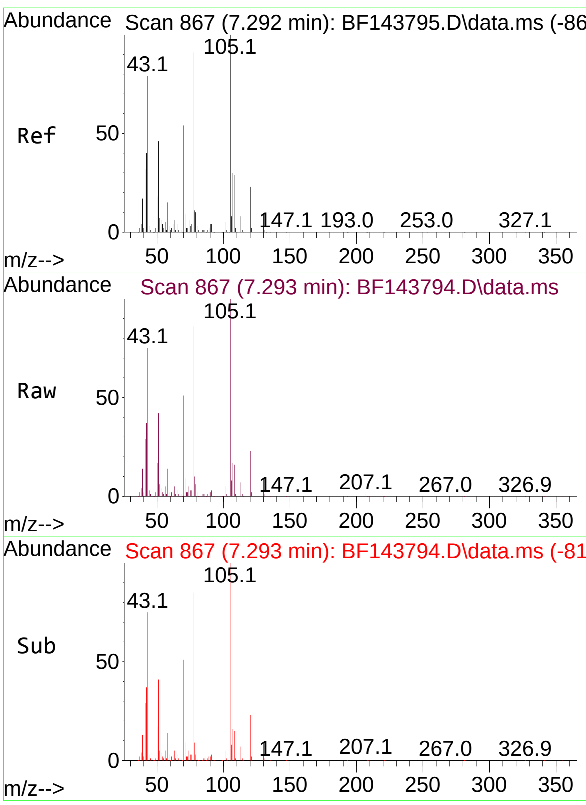


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion:136 Resp: 44612

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	13.7	11.2	16.8
68	6.8	5.6	8.4

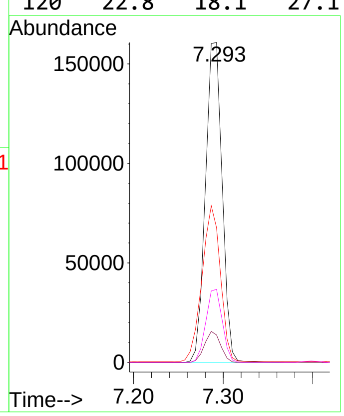




#22
Acetophenone
Concen: 21.319 ng
RT: 7.293 min Scan# 867
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion:105 Resp: 208896

Ion	Ratio	Lower	Upper
105	100		
71	8.6	7.0	10.4
51	42.2	36.6	55.0
120	22.8	18.1	27.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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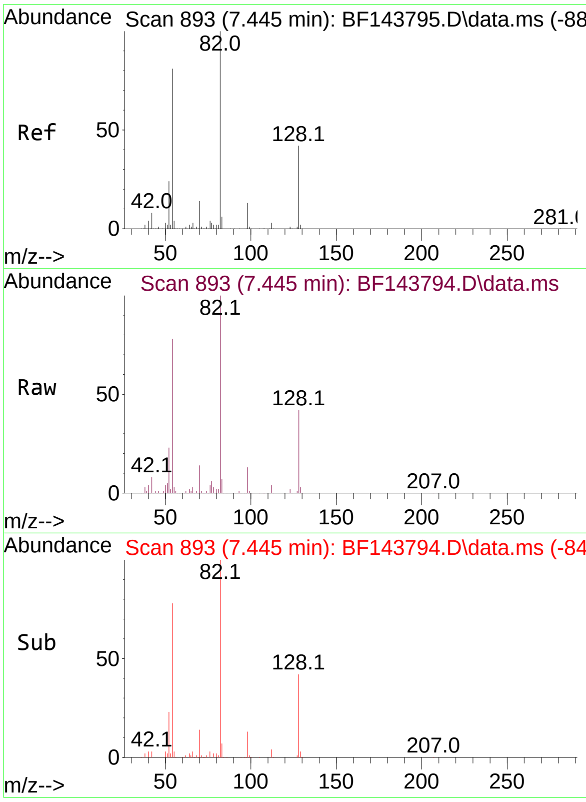
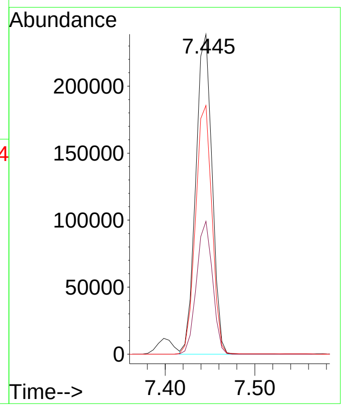
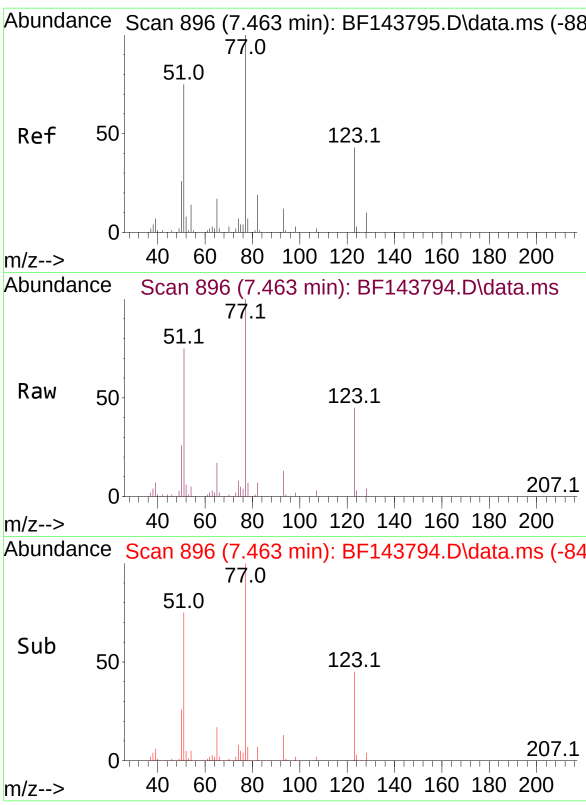


#23
Nitrobenzene-d5
Concen: 42.621 ng
RT: 7.445 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion: 82 Resp: 30213

Ion	Ratio	Lower	Upper
82	100		
128	41.5	33.3	49.9
54	77.7	64.2	96.4

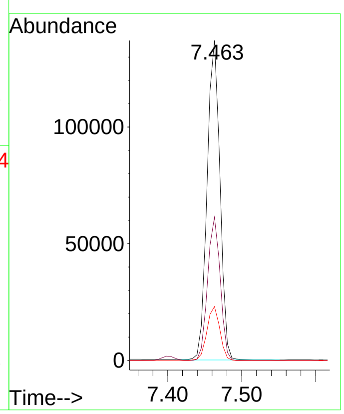




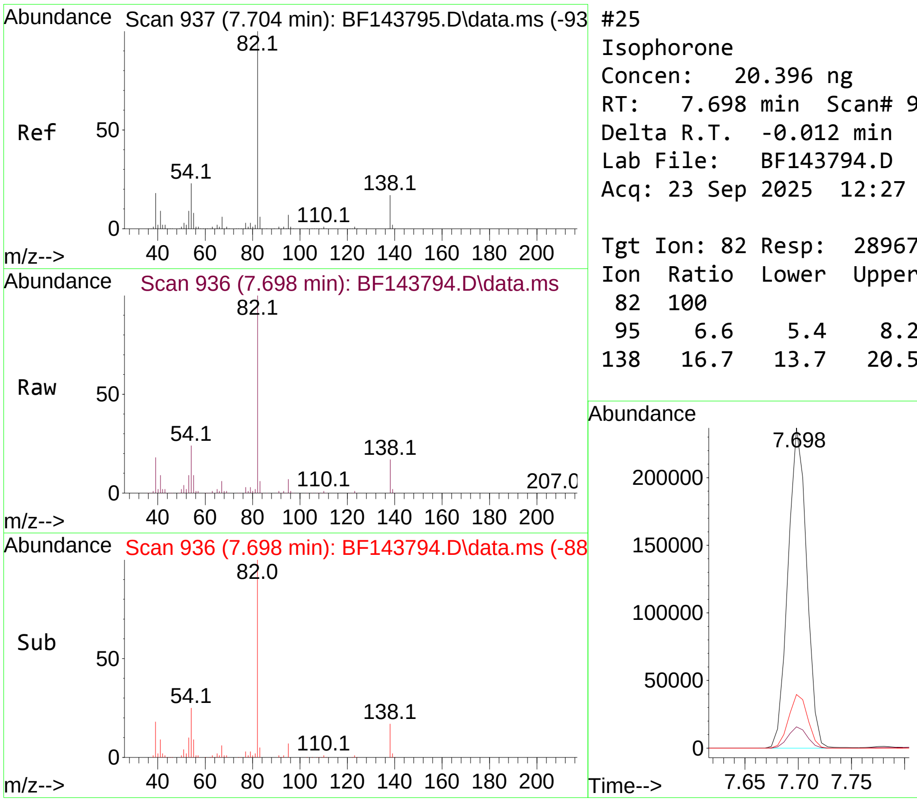
#24
Nitrobenzene
Concen: 20.402 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion: 77 Resp: 164815

Ion	Ratio	Lower	Upper
77	100		
123	44.7	34.0	51.0
65	16.8	13.5	20.3



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18



#25
Isophorone
Concen: 20.396 ng
RT: 7.698 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion: 82 Resp: 289674

Ion	Ratio	Lower	Upper
82	100		
95	6.6	5.4	8.2
138	16.7	13.7	20.5

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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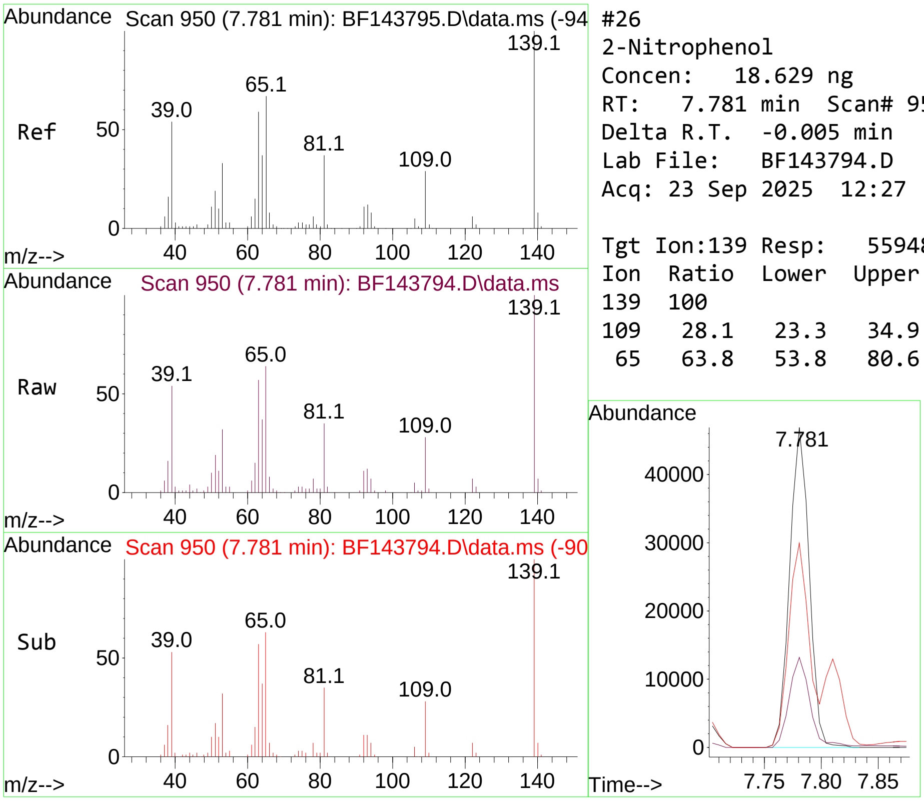

#26
2-Nitrophenol
Concen: 18.629 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.005 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion:139 Resp: 55948

Ion	Ratio	Lower	Upper
139	100		
109	28.1	23.3	34.9
65	63.8	53.8	80.6

Instrument :
BNA_F
ClientSampleId :
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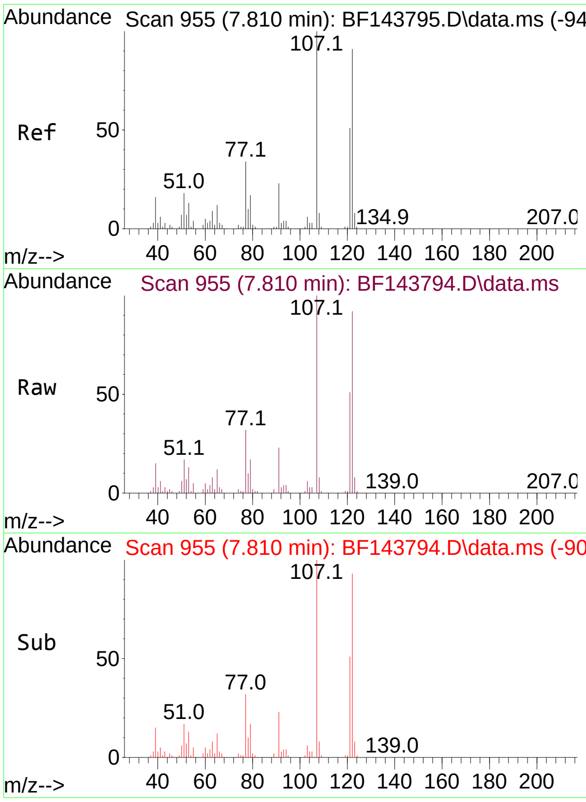
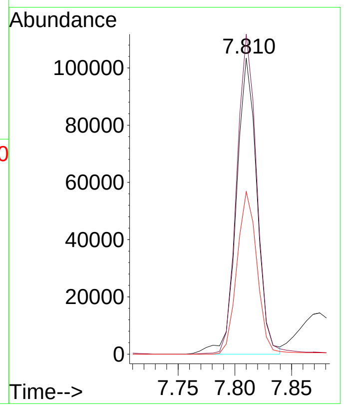
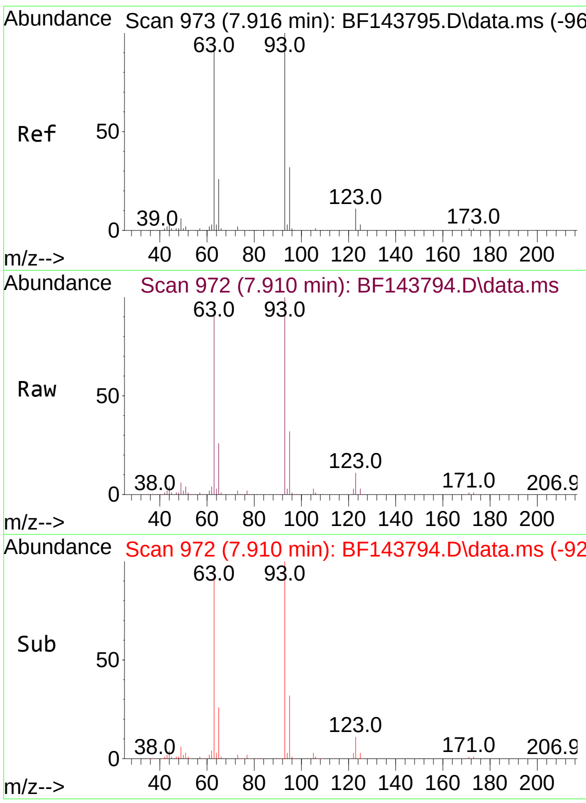


#27
2,4-Dimethylphenol
Concen: 20.437 ng
RT: 7.810 min Scan# 95
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion:122 Resp: 12973

Ion	Ratio	Lower	Upper
122	100		
107	108.1	87.5	131.3
121	54.9	44.2	66.4

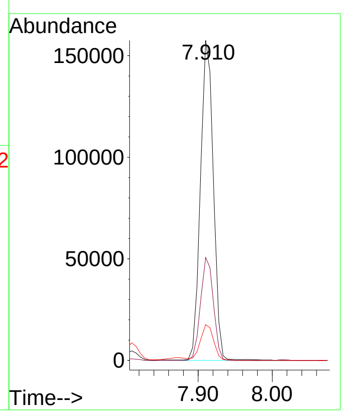




#28
bis(2-Chloroethoxy)methane
Concen: 20.802 ng
RT: 7.910 min Scan# 972
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion: 93 Resp: 191947

Ion	Ratio	Lower	Upper
93	100		
95	32.1	25.8	38.8
123	11.2	8.8	13.2



Instrument : BNA_F
ClientSampleId : SSTDICC020

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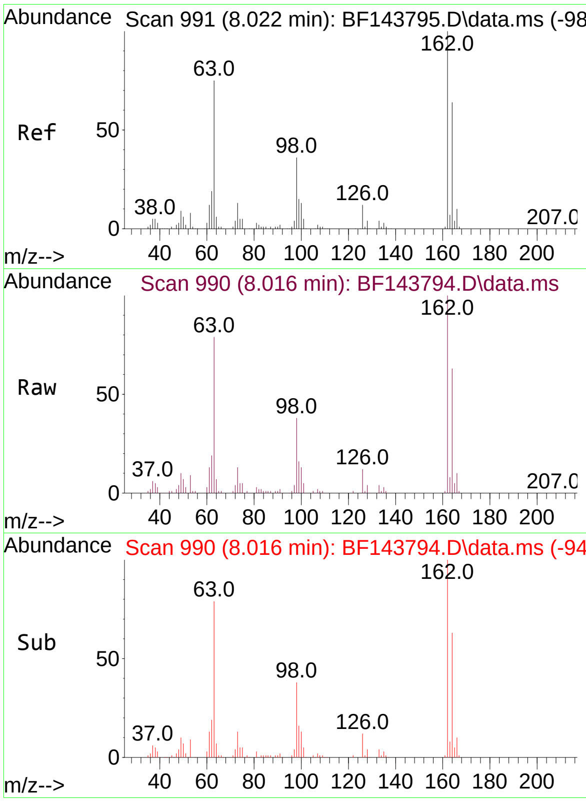
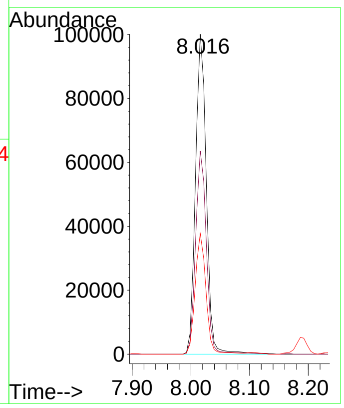
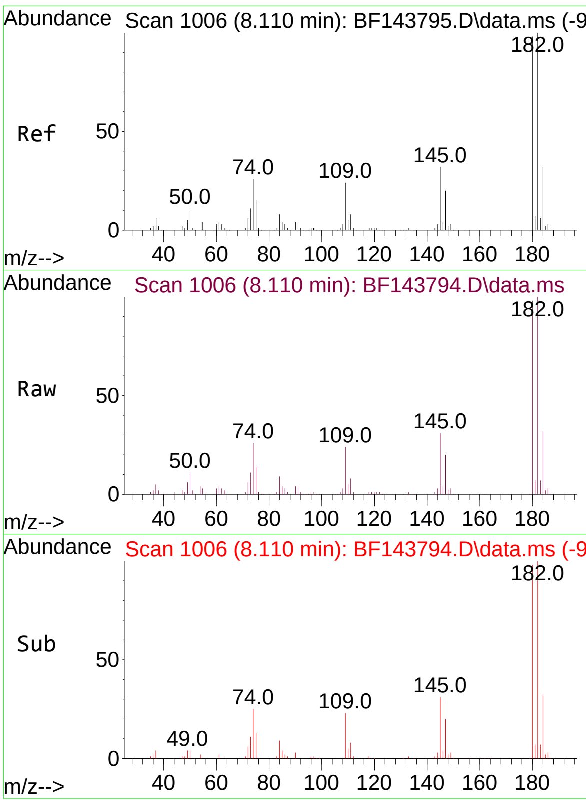


#29
2,4-Dichlorophenol
Concen: 20.597 ng
RT: 8.016 min Scan# 99
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion:162 Resp: 12865

Ion	Ratio	Lower	Upper
162	100		
164	63.5	44.1	84.1
98	37.7	15.8	55.8

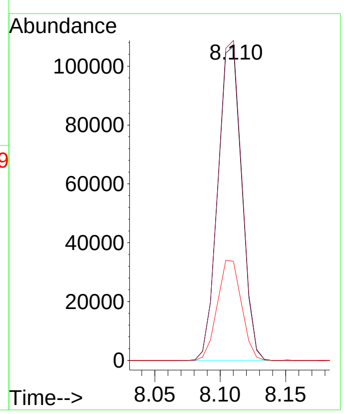




#30
1,2,4-Trichlorobenzene
Concen: 20.952 ng
RT: 8.110 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion:180 Resp: 135810

Ion	Ratio	Lower	Upper
180	100		
182	101.9	82.0	123.0
145	31.6	25.9	38.9



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

Instrument : BNA_F
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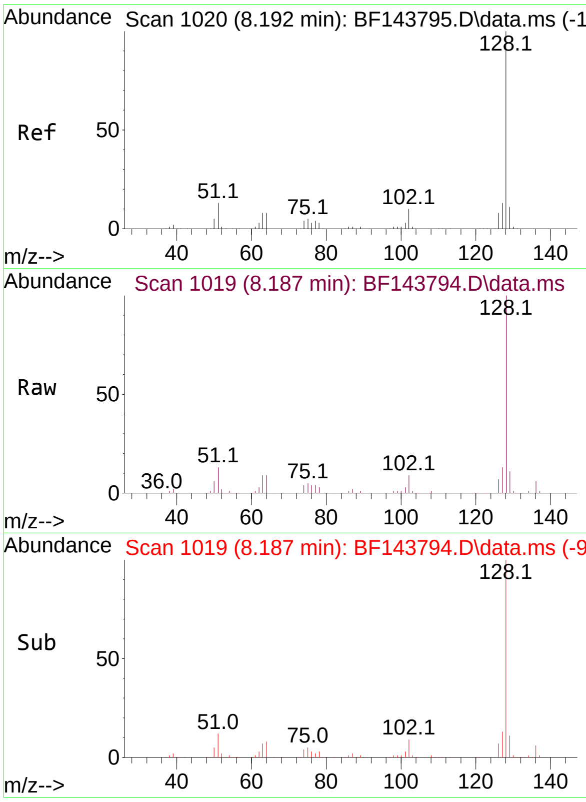
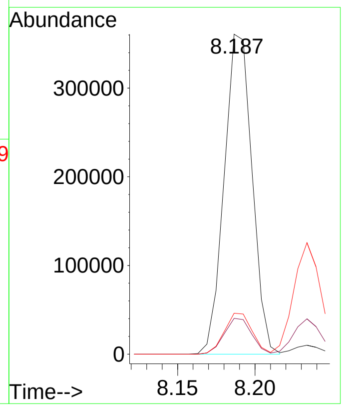
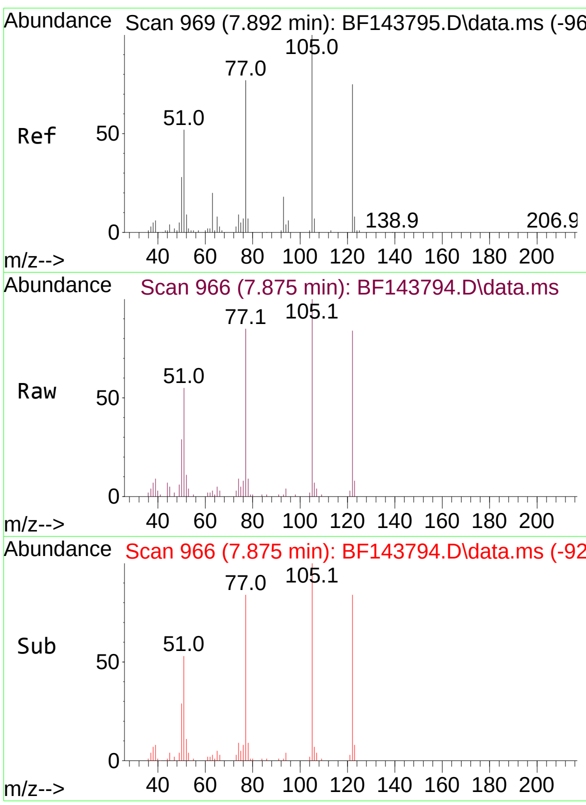


#31
Naphthalene
Concen: 21.308 ng
RT: 8.187 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion:128 Resp: 45506

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	12.8	10.2	15.4

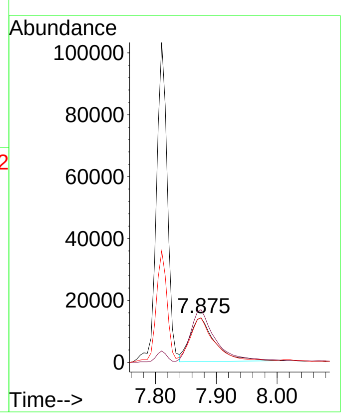


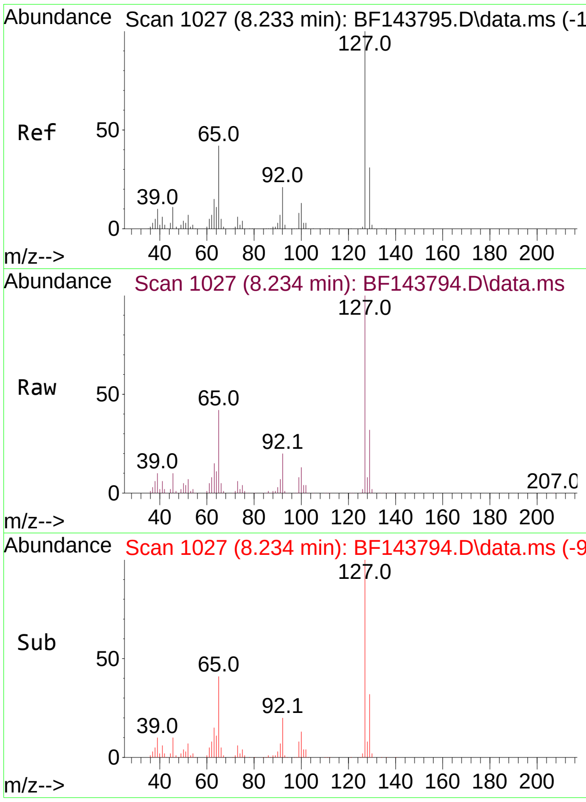


#32
Benzoic acid
Concen: 13.254 ng
RT: 7.875 min Scan# 966
Delta R.T. -0.047 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion:122 Resp: 40592

Ion	Ratio	Lower	Upper
122	100		
105	118.4	103.7	143.7
77	100.2	78.8	118.8





#33
4-Chloroaniline
Concen: 20.978 ng
RT: 8.234 min   Scan# 10
Delta R.T.   -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025   12:27

Instrument :
BNA_F
ClientSampleId :
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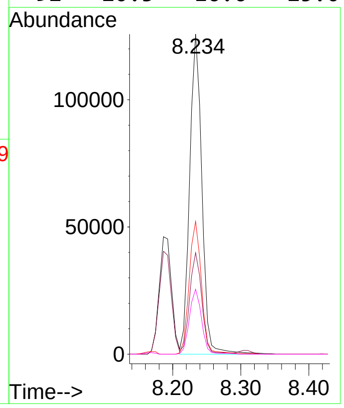
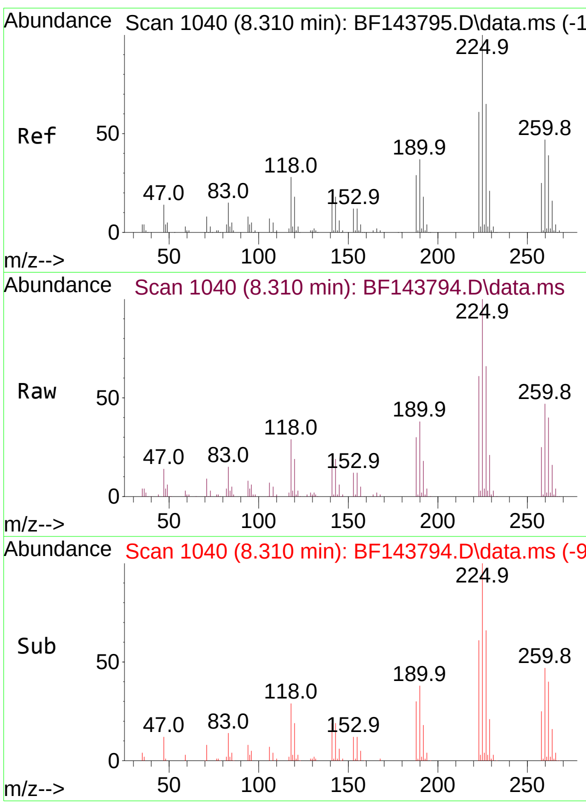
Tgt Ion:127 Resp: 157439

Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.4	38.2
65	41.5	33.4	50.2
92	20.3	16.6	25.0

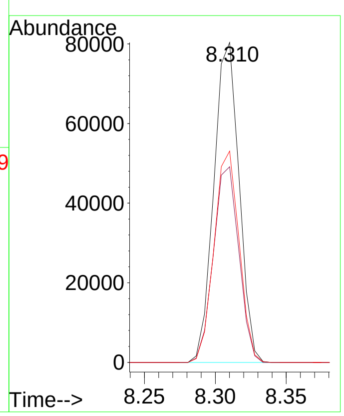




#34
Hexachlorobutadiene
Concen: 20.595 ng
RT: 8.310 min   Scan# 1040
Delta R.T.   0.000 min
Lab File: BF143794.D
Acq: 23 Sep 2025   12:27

Tgt Ion:225 Resp: 99520

Ion	Ratio	Lower	Upper
225	100		
223	61.1	48.6	72.8
227	66.0	51.9	77.9



Instrument :
BNA_F
ClientSampleId :
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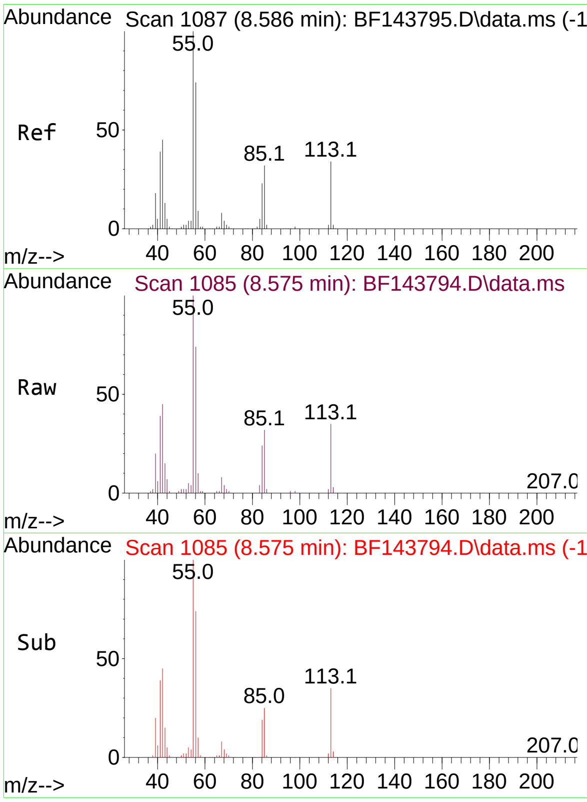
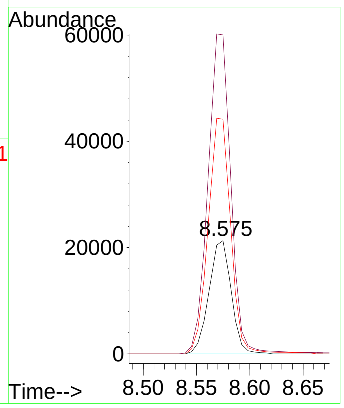
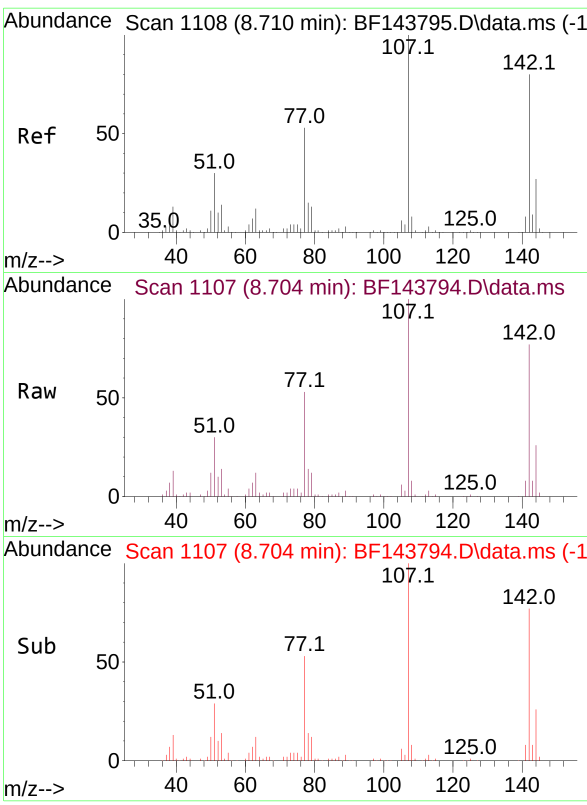
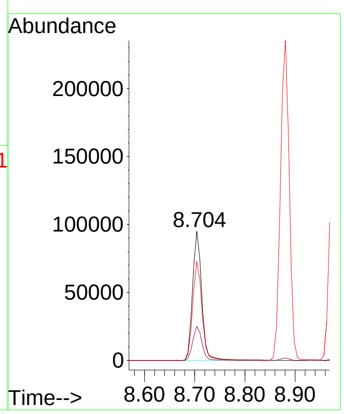


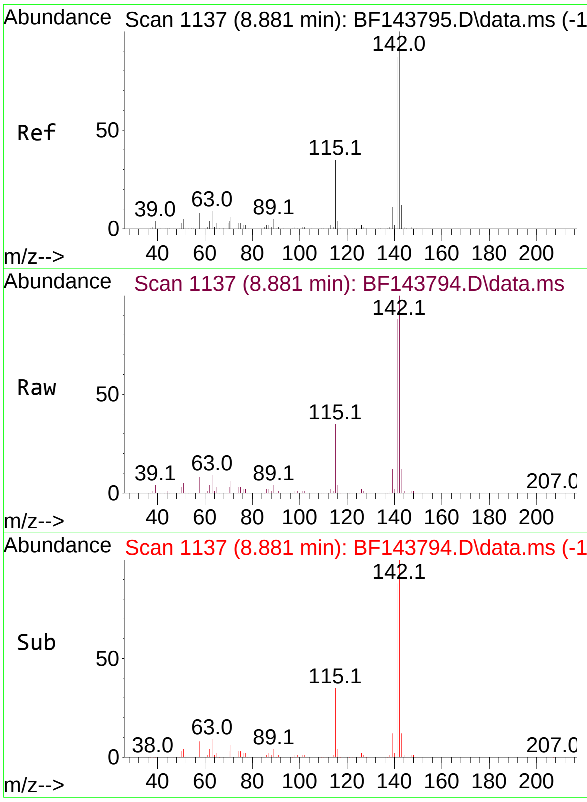

```
#35
Caprolactam
Concen:   19.385 ng
RT:   8.575 min  Scan# 10
Delta R.T.  -0.035 min
Lab File:   BF143794.D
Acq: 23 Sep 2025  12:27

Tgt Ion:113 Resp:   30948
Ion  Ratio  Lower  Upper
113  100
 55  282.0  271.7  311.7
 56  207.4  194.5  234.5
```






```
#36
4-Chloro-3-methylphenol
Concen:   20.667 ng
RT:   8.704 min  Scan# 1107
Delta R.T.  -0.006 min
Lab File:   BF143794.D
Acq: 23 Sep 2025  12:27

Tgt Ion:107 Resp:  121067
Ion  Ratio  Lower  Upper
107  100
144   26.5   21.8   32.8
142   76.6   63.6   95.4
```





#37
2-Methylnaphthalene
Concen: 21.060 ng
RT: 8.881 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion:142 Resp: 28679

Ion	Ratio	Lower	Upper
142	100		
141	88.4	69.4	104.0

Instrument :
BNA_F
ClientSampleId :
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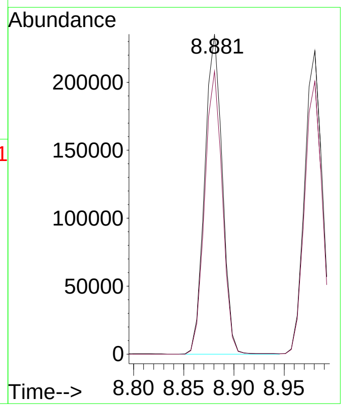
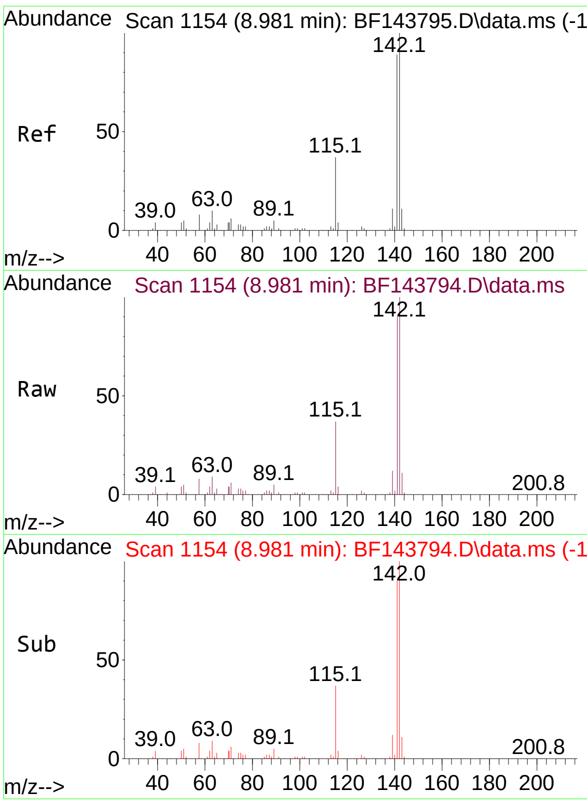
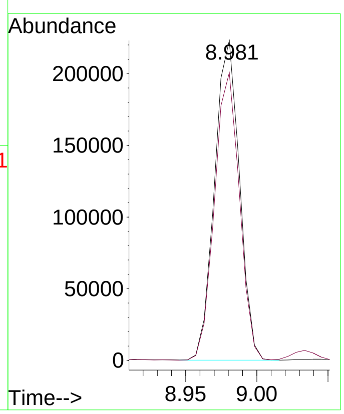


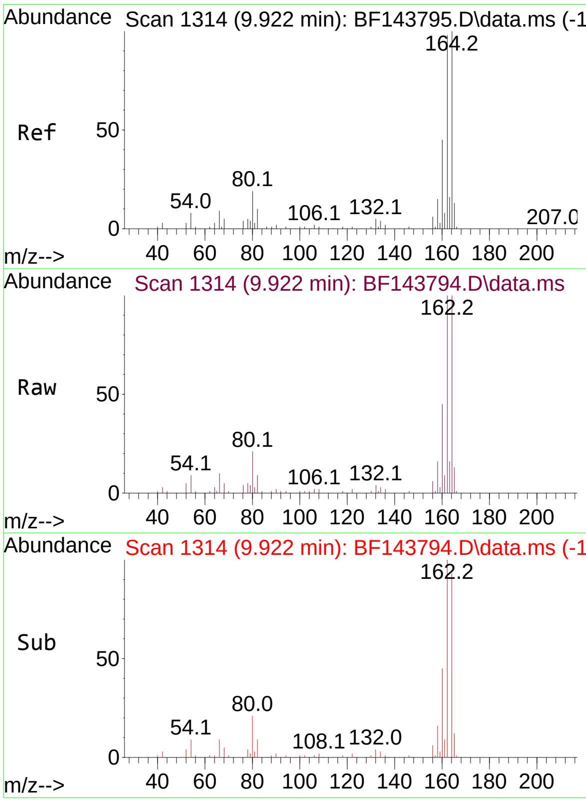


#38
1-Methylnaphthalene
Concen: 20.889 ng
RT: 8.981 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion:142 Resp: 272276

Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.1	106.7

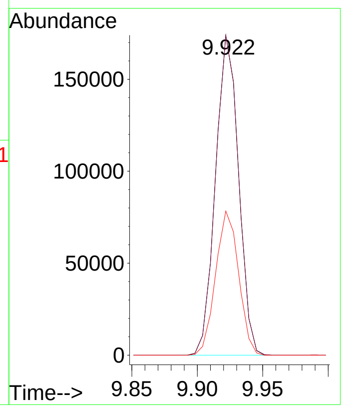




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min   Scan# 13
Delta R.T.   -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025   12:27

Tgt Ion:164 Resp: 21335

Ion	Ratio	Lower	Upper
164	100		
162	99.9	78.8	118.2
160	45.0	35.8	53.6



Instrument :
BNA_F
ClientSampleId :
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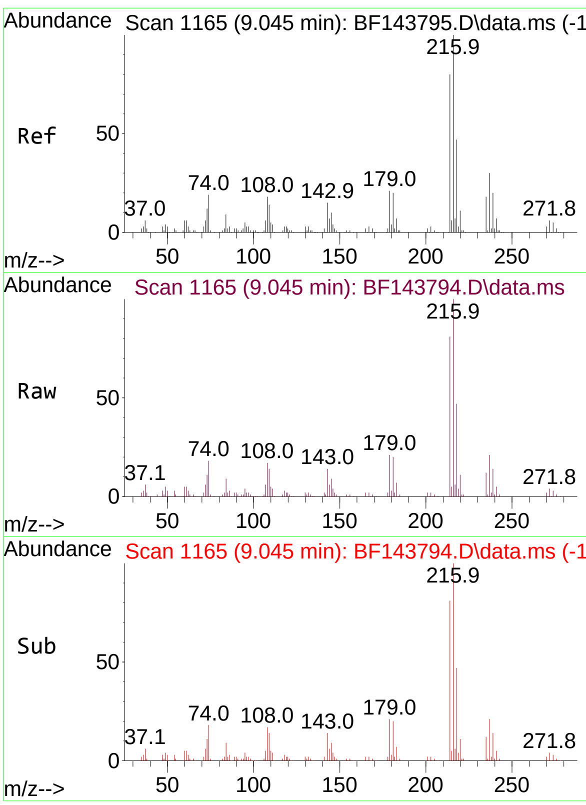
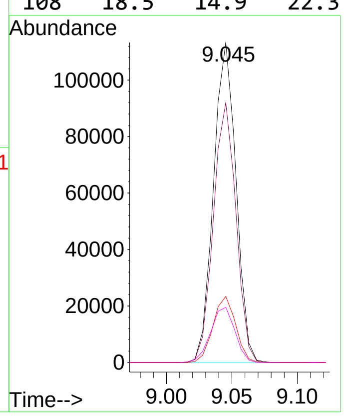


#40
1,2,4,5-Tetrachlorobenzene
Concen: 21.074 ng
RT: 9.045 min   Scan# 1165
Delta R.T.   -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025   12:27

Tgt Ion:216 Resp: 135689

Ion	Ratio	Lower	Upper
216	100		
214	81.5	63.7	95.5
179	20.7	16.5	24.7
108	18.5	14.9	22.3



Instrument :
BNA_F
ClientSampleId :
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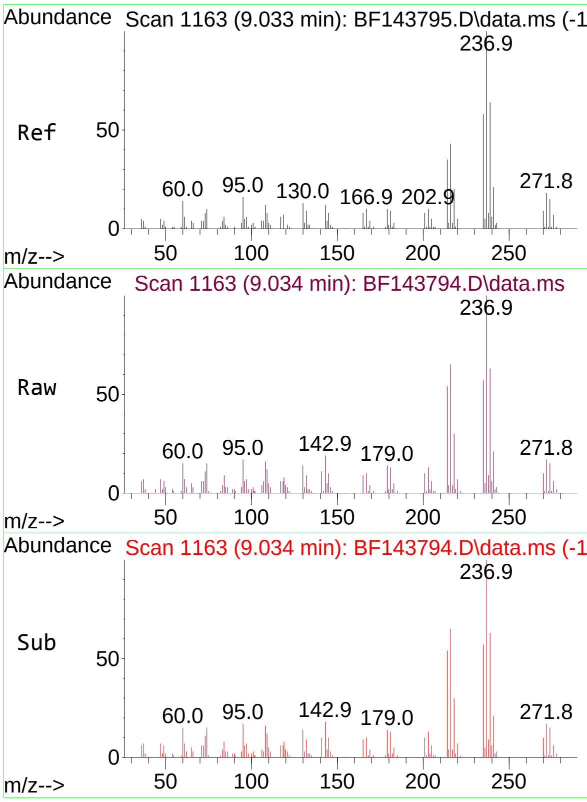
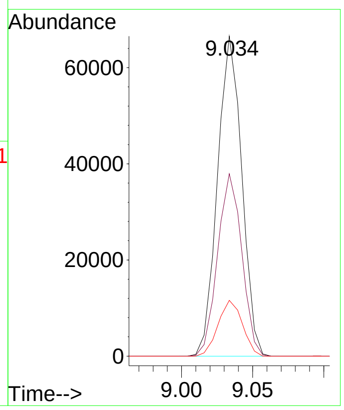
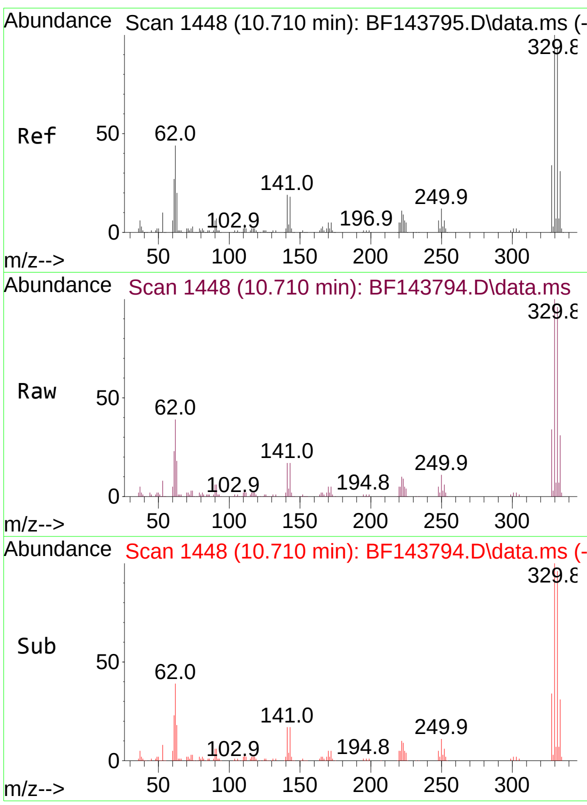


#41
Hexachlorocyclopentadiene
Concen: 19.382 ng
RT: 9.034 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion:237 Resp: 7909

Ion	Ratio	Lower	Upper
237	100		
235	57.0	38.1	78.1
272	17.4	0.0	37.9

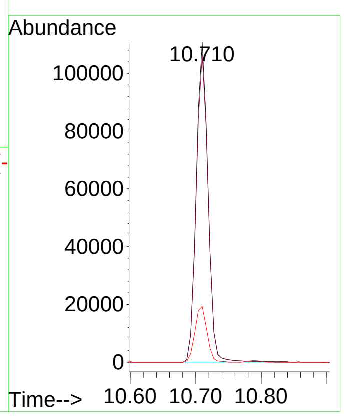


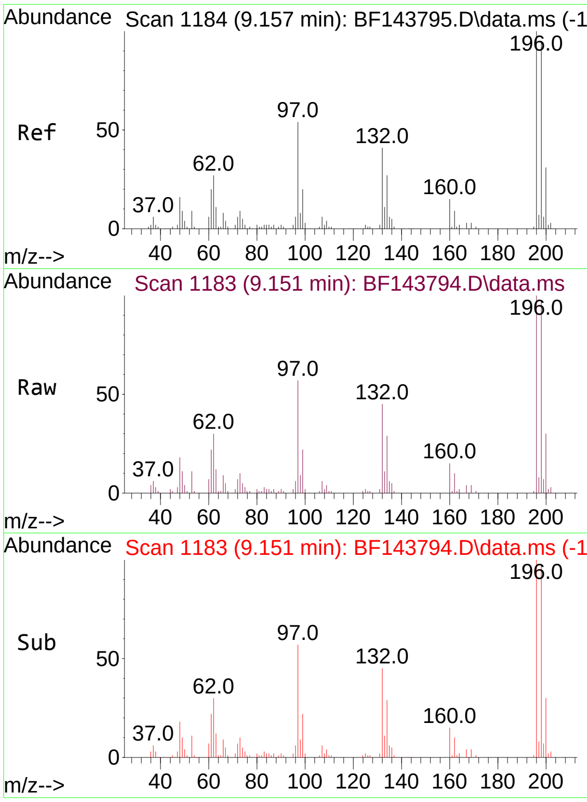


#42
2,4,6-Tribromophenol
Concen: 45.426 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion:330 Resp: 138317

Ion	Ratio	Lower	Upper
330	100		
332	96.5	74.7	112.1
141	17.7	14.3	21.5





#43
2,4,6-Trichlorophenol
Concen: 20.423 ng
RT: 9.151 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion:196 Resp: 8234

Ion	Ratio	Lower	Upper
196	100		
198	96.8	76.2	114.2
200	30.0	24.7	37.1

Instrument : BNA_F
ClientSampleId : SSTDICC020

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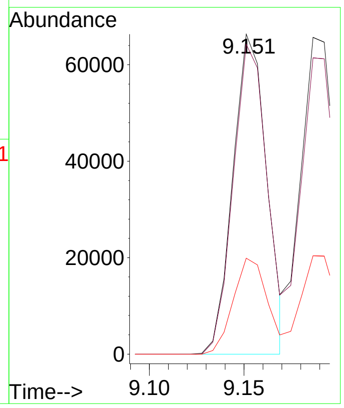
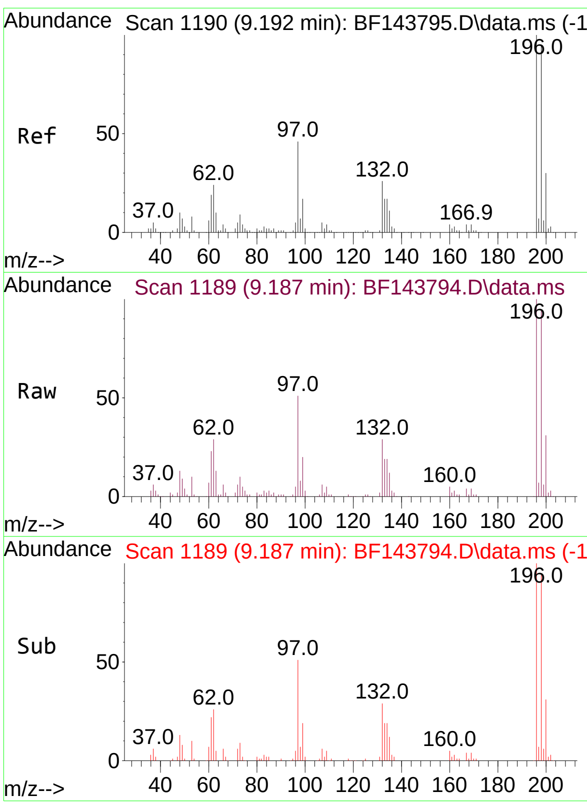
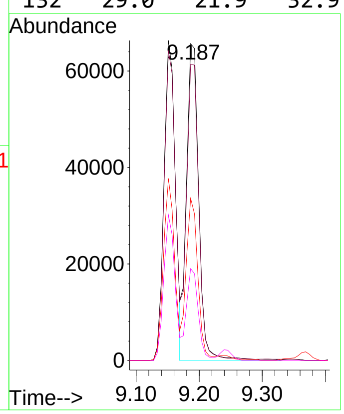


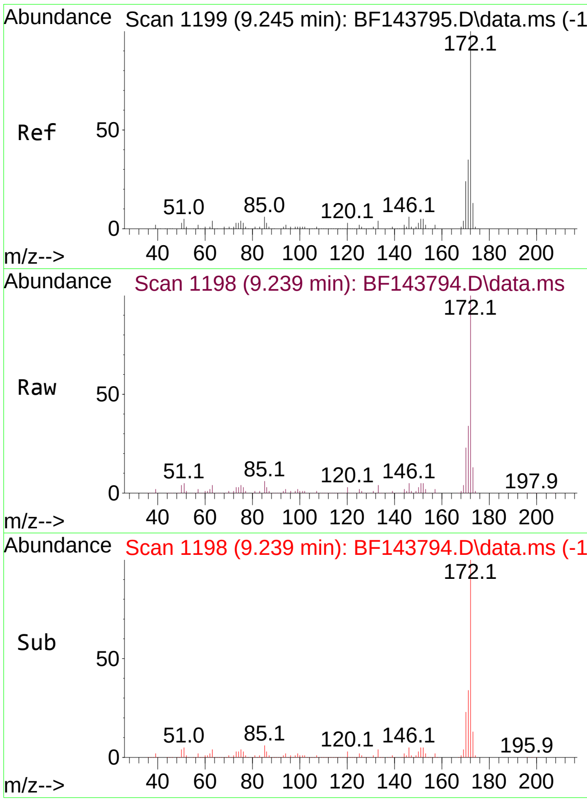


#44
2,4,5-Trichlorophenol
Concen: 21.213 ng
RT: 9.187 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion:196 Resp: 89458

Ion	Ratio	Lower	Upper
196	100		
198	93.5	75.9	113.9
97	51.2	38.3	57.5
132	29.0	21.9	32.9





#45
2-Fluorobiphenyl
Concen: 43.140 ng
RT: 9.239 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion:172 Resp: 62284

Ion	Ratio	Lower	Upper
172	100		
171	33.7	27.9	41.9
170	23.2	19.1	28.7

Instrument :
BNA_F
ClientSampleId :
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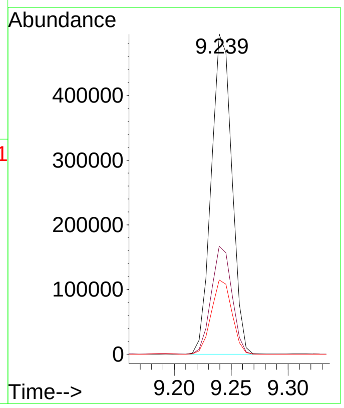
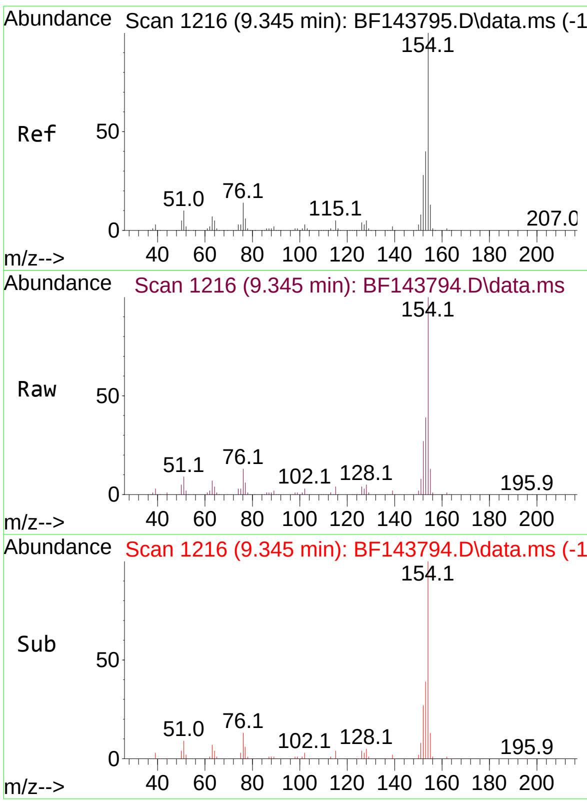
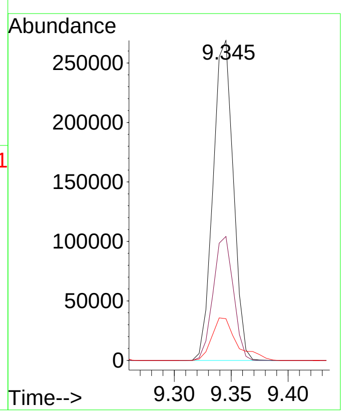


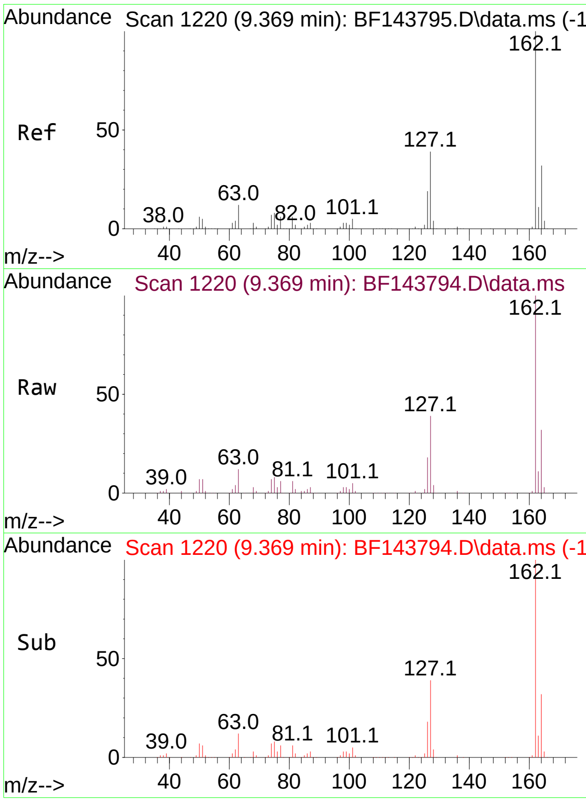


#46
1,1'-Biphenyl
Concen: 21.610 ng
RT: 9.345 min Scan# 1216
Delta R.T. 0.000 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion:154 Resp: 333743

Ion	Ratio	Lower	Upper
154	100		
153	38.8	19.7	59.7
76	13.0	0.0	33.8





#47
2-Chloronaphthalene
Concen: 21.330 ng
RT: 9.369 min Scan# 12
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion:162 Resp: 26516

Ion	Ratio	Lower	Upper
162	100		
127	38.6	31.5	47.3
164	32.0	25.9	38.9

Instrument :
BNA_F
ClientSampleId :
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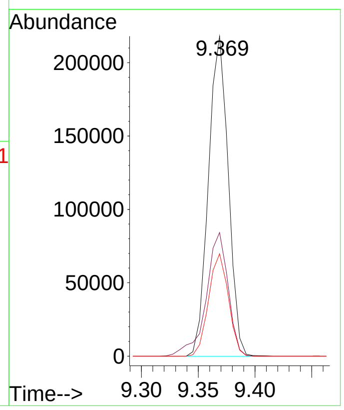
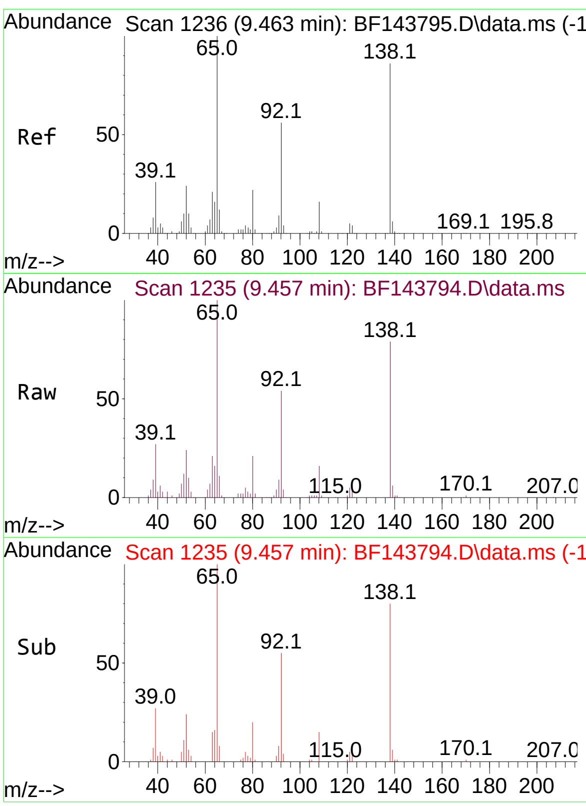
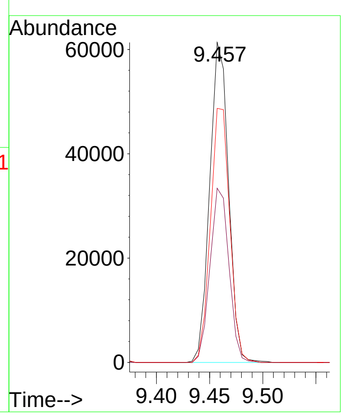




#48
2-Nitroaniline
Concen: 20.157 ng
RT: 9.457 min Scan# 1235
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion: 65 Resp: 75737

Ion	Ratio	Lower	Upper
65	100		
92	54.4	44.9	67.3
138	79.4	69.0	103.4



Instrument :
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ClientSampleId :
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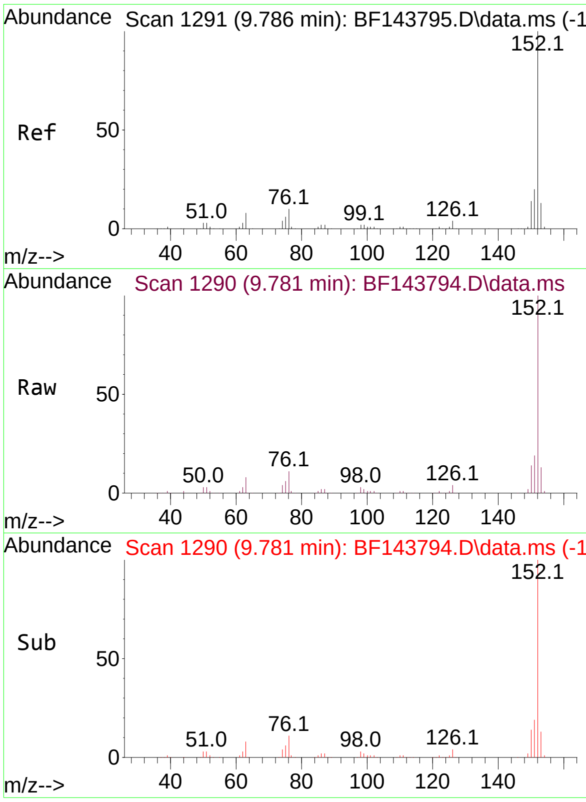
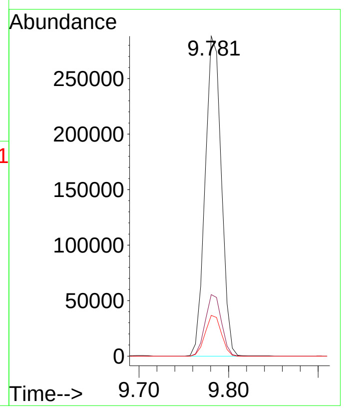
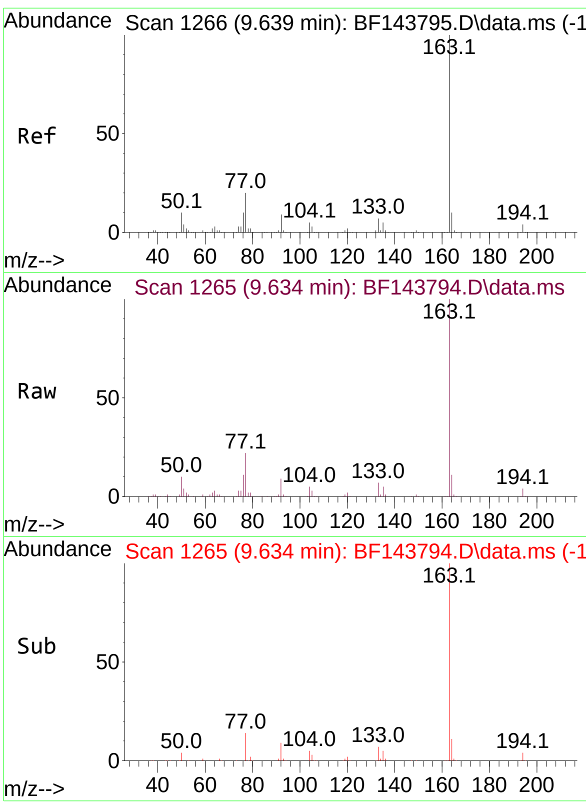


#49
Acenaphthylene
Concen: 21.195 ng
RT: 9.781 min Scan# 12
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion:152 Resp: 36273

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.7	23.5
153	12.7	10.6	15.8

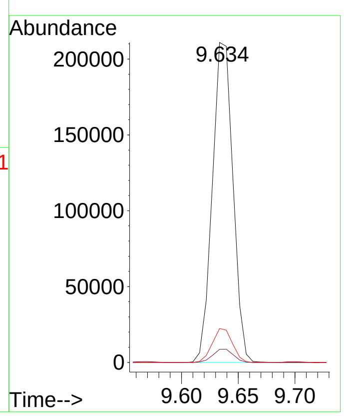


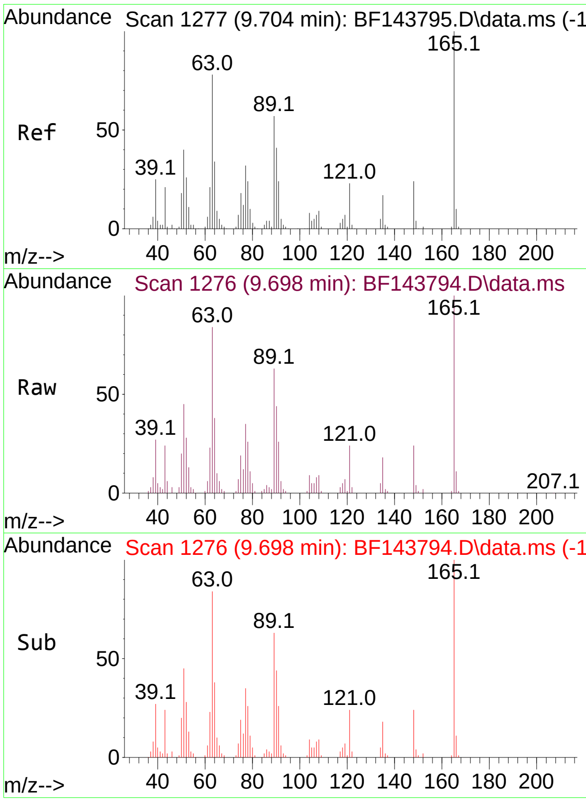


#50
Dimethylphthalate
Concen: 20.548 ng
RT: 9.634 min Scan# 1265
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion:163 Resp: 267211

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.6
164	10.6	8.2	12.2

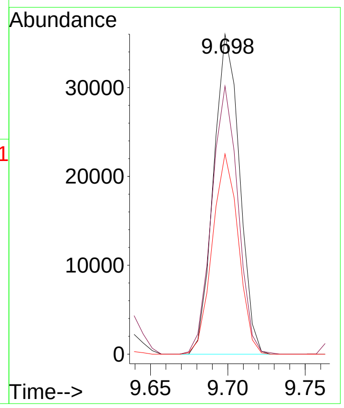




#51
2,6-Dinitrotoluene
Concen: 19.794 ng
RT: 9.698 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion:165 Resp: 42291

Ion	Ratio	Lower	Upper
165	100		
63	83.8	62.6	94.0
89	62.6	45.2	67.8



Instrument :
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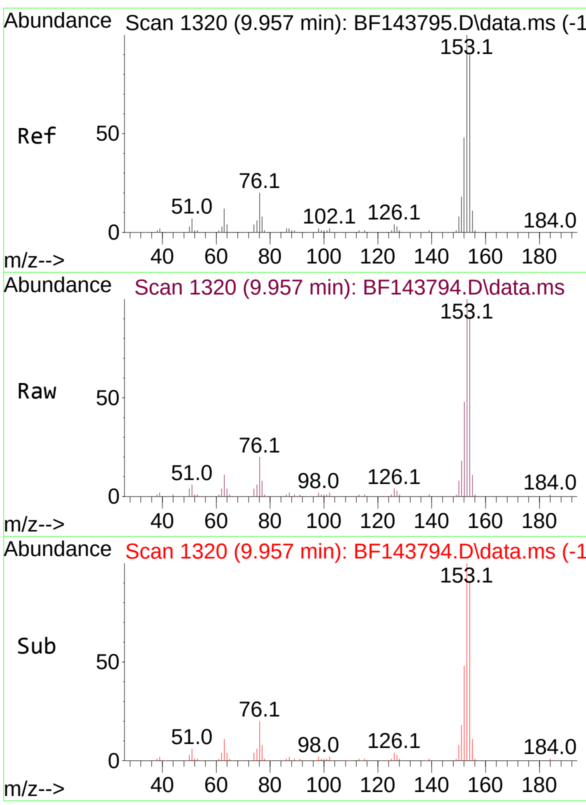
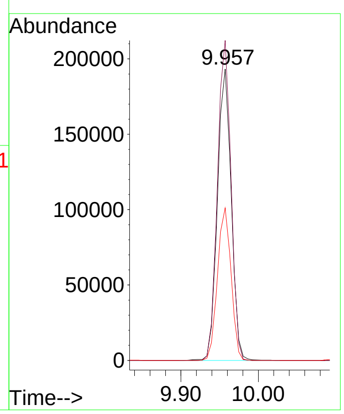
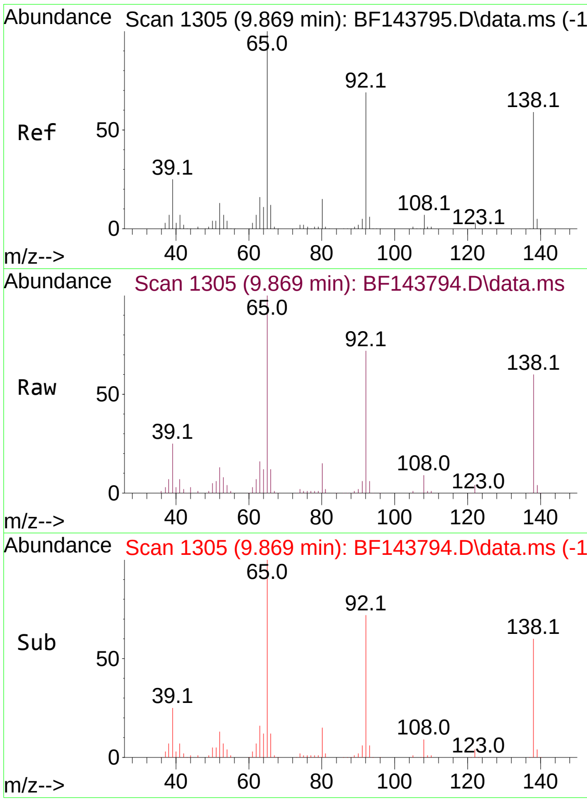


#52
Acenaphthene
Concen: 21.268 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion:154 Resp: 239533

Ion	Ratio	Lower	Upper
154	100		
153	109.8	88.7	133.1
152	52.3	42.7	64.1





#53
3-Nitroaniline
Concen: 20.150 ng
RT: 9.869 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion:138 Resp: 5218

Ion	Ratio	Lower	Upper
138	100		
108	14.8	9.9	14.9
92	121.0	93.5	140.3

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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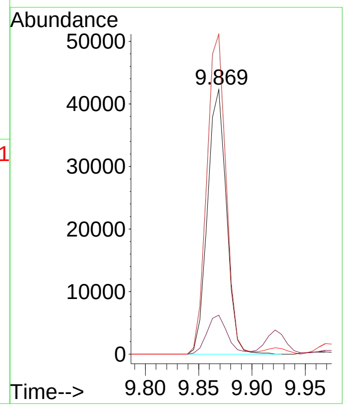
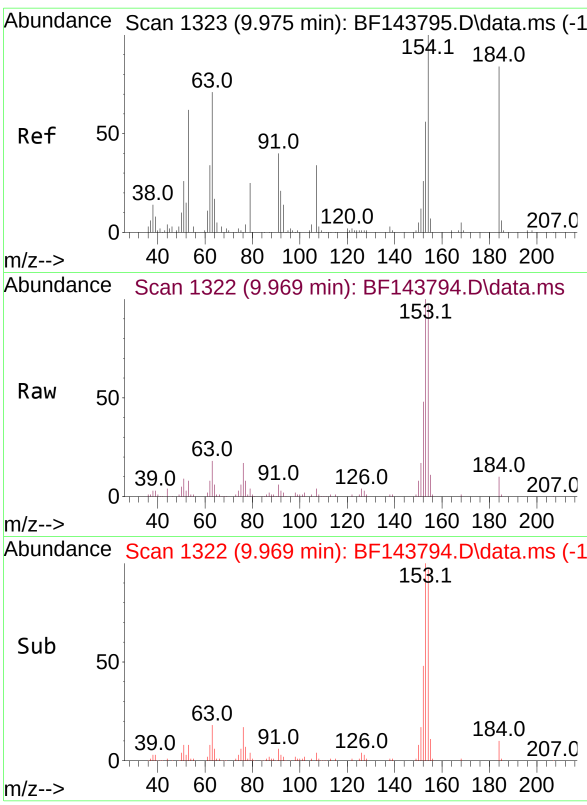
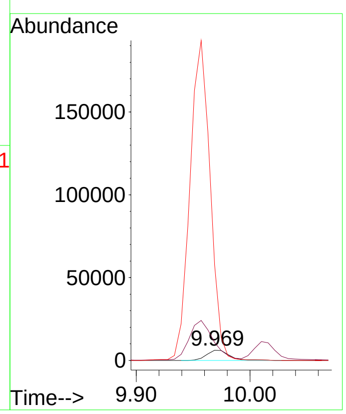


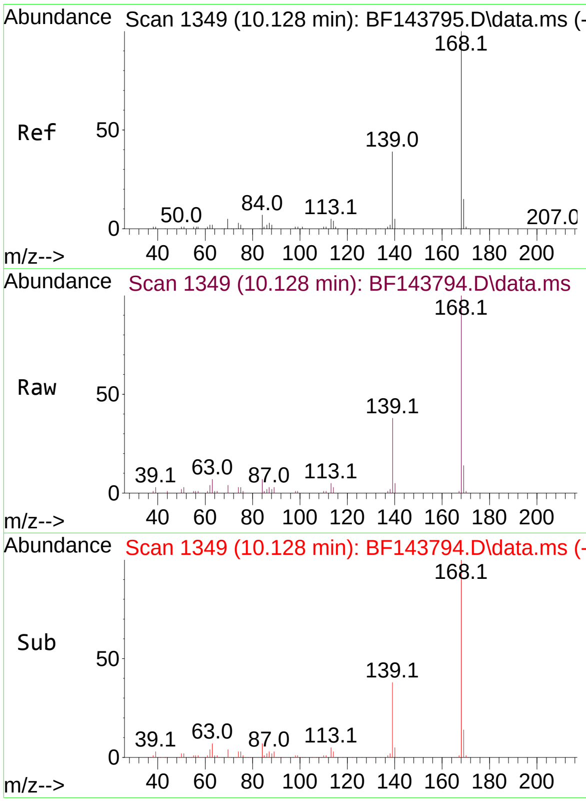


#54
2,4-Dinitrophenol
Concen: 16.759 ng
RT: 9.969 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion:184 Resp: 8519

Ion	Ratio	Lower	Upper
184	100		
63	174.8	84.6	127.0#
154	930.3	199.3	298.9#





#55
Dibenzofuran
Concen: 21.305 ng
RT: 10.128 min Scan# 13
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion:168 Resp: 339308

Ion	Ratio	Lower	Upper
168	100		
139	38.2	31.0	46.6
169	14.4	11.9	17.9

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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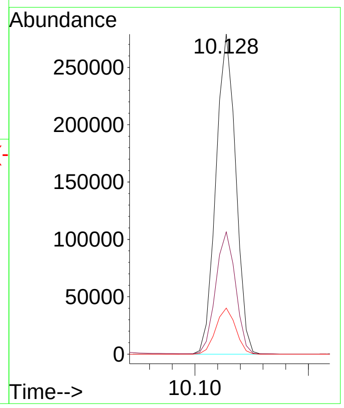
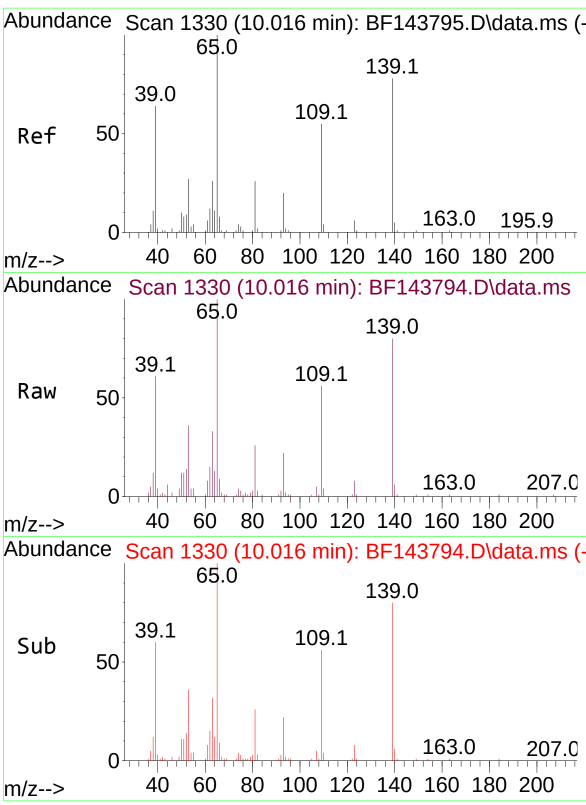


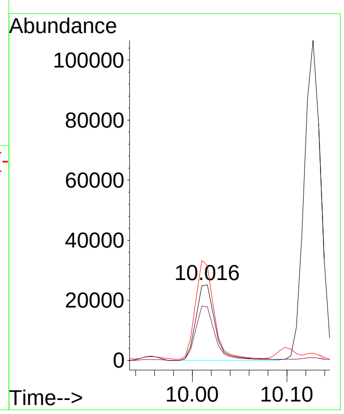
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

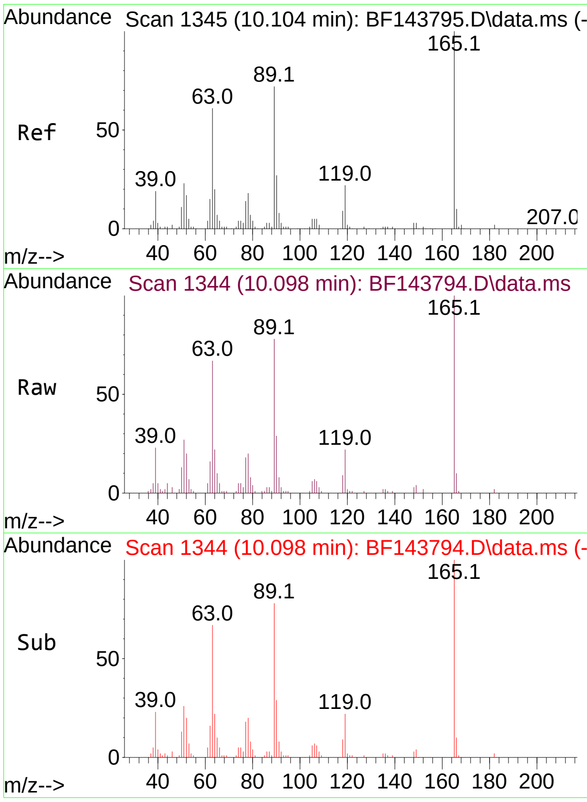


#56
4-Nitrophenol
Concen: 17.322 ng
RT: 10.016 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion:139 Resp: 36150

Ion	Ratio	Lower	Upper
139	100		
109	70.9	50.2	90.2
65	125.7	109.2	149.2

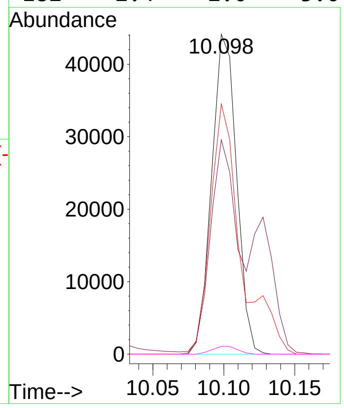




#57
2,4-Dinitrotoluene
Concen: 18.952 ng
RT: 10.098 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion:165 Resp: 54137

Ion	Ratio	Lower	Upper
165	100		
63	67.0	48.9	73.3
89	78.2	57.5	86.3
182	2.4	2.0	3.0



Instrument :
BNA_F
ClientSampleId :
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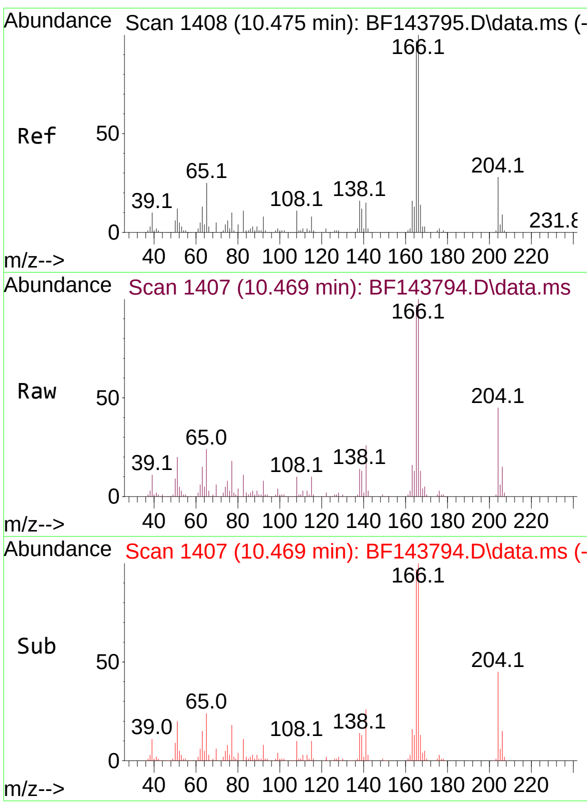
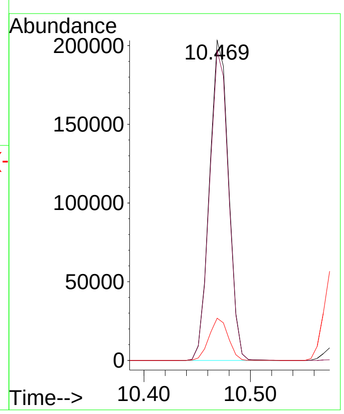
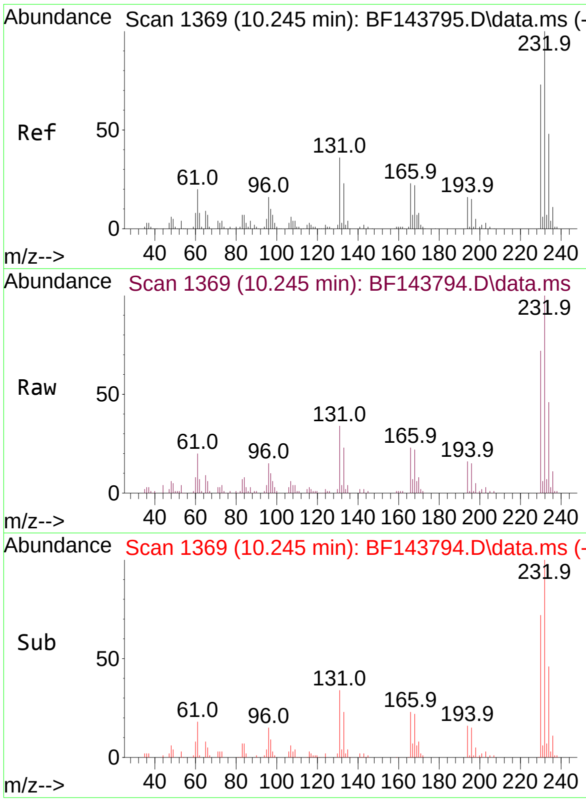


#58
Fluorene
Concen: 21.445 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion:166 Resp: 253897

Ion	Ratio	Lower	Upper
166	100		
165	96.8	78.0	117.0
167	13.2	10.9	16.3

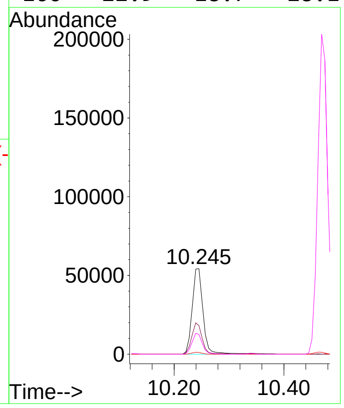




#59
2,3,4,6-Tetrachlorophenol
Concen: 20.618 ng
RT: 10.245 min Scan# 13
Delta R.T. 0.000 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion:232 Resp: 74485

Ion	Ratio	Lower	Upper
232	100		
131	34.9	29.4	44.2
130	1.9	1.3	1.9#
166	22.9	18.7	28.1



Instrument : BNA_F
ClientSampleId : SSTDICC020

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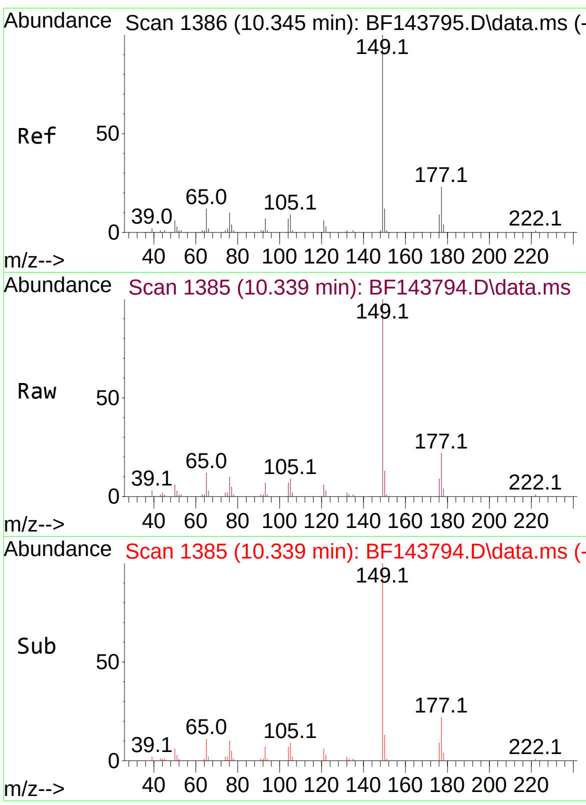
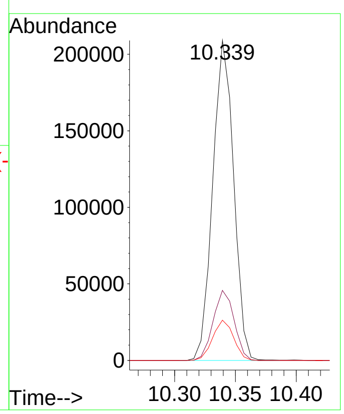


#60
Diethylphthalate
Concen: 20.575 ng
RT: 10.339 min Scan# 1385
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion:149 Resp: 250459

Ion	Ratio	Lower	Upper
149	100		
177	21.9	18.1	27.1
150	12.6	9.7	14.5



Instrument :
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ClientSampleId :
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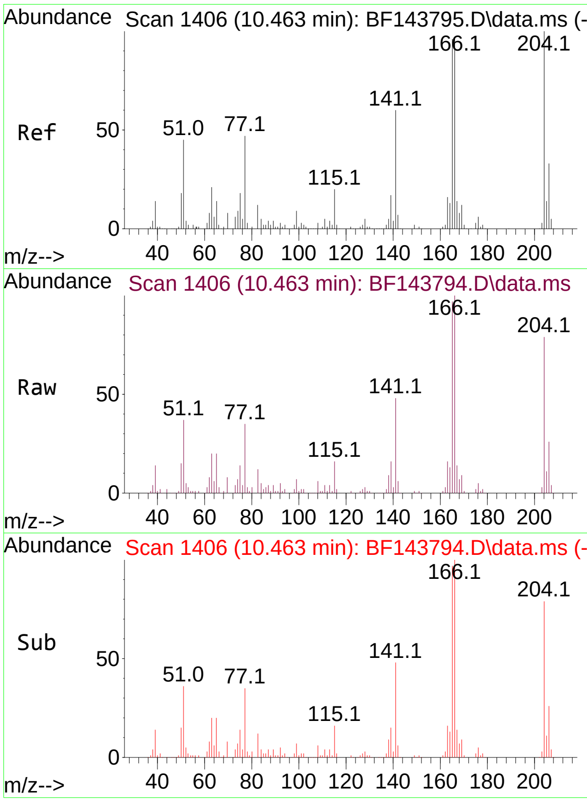
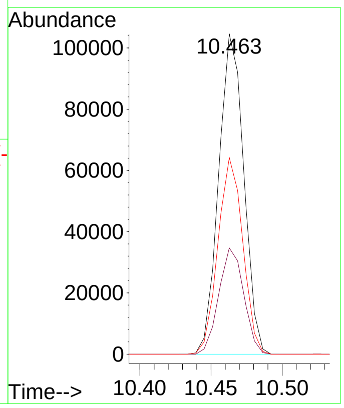
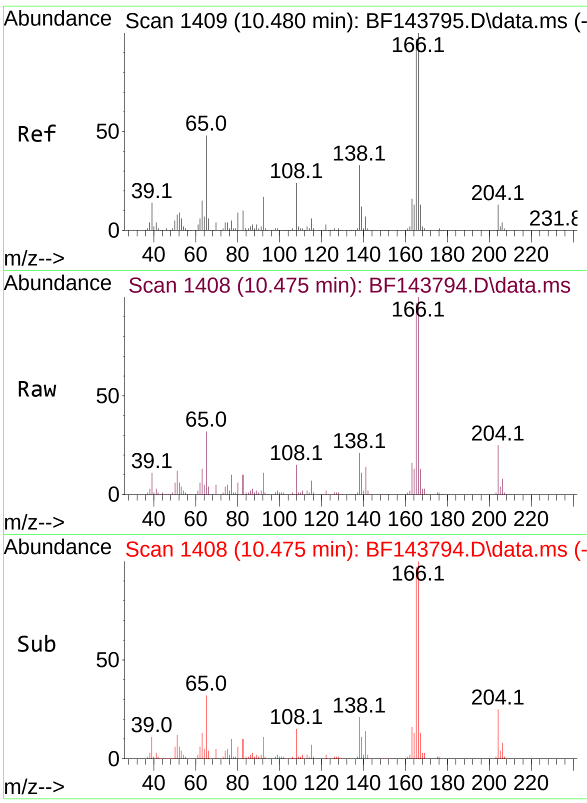


#61
4-Chlorophenyl-phenylether
Concen: 21.242 ng
RT: 10.463 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion:204 Resp: 12814

Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.7	40.1
141	61.4	48.2	72.2

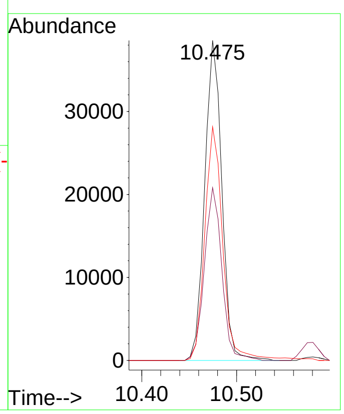




#62
4-Nitroaniline
Concen: 19.941 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.018 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion:138 Resp: 48558

Ion	Ratio	Lower	Upper
138	100		
92	54.0	31.5	71.5
108	73.0	51.9	91.9



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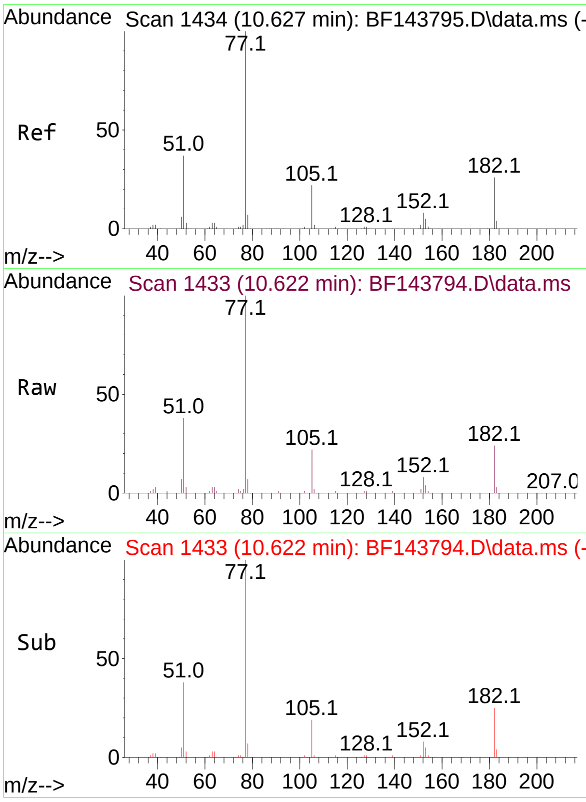
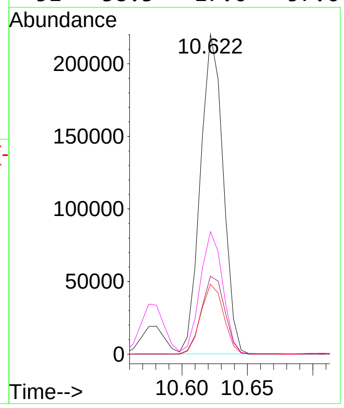


#63
Azobenzene
Concen: 20.720 ng
RT: 10.622 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion: 77 Resp: 26582

Ion	Ratio	Lower	Upper
77	100		
182	24.3	5.9	45.9
105	21.8	2.3	42.3
51	38.3	17.6	57.6



Instrument :
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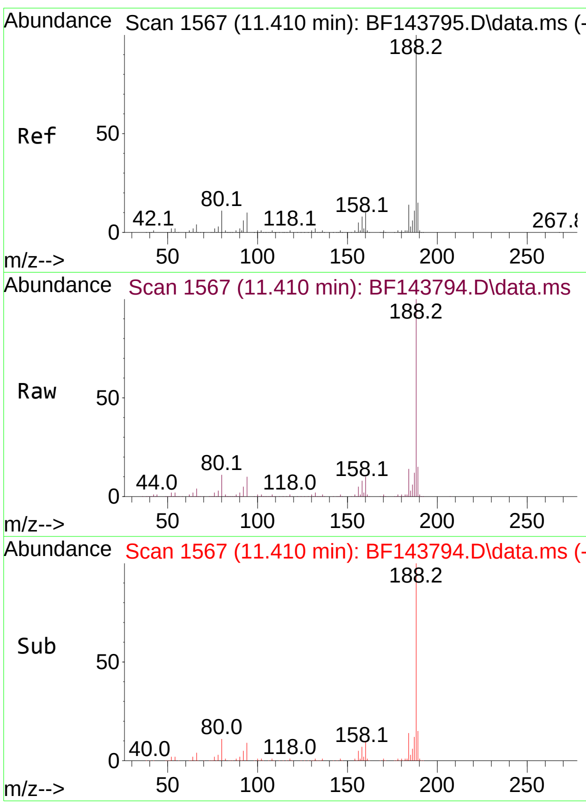
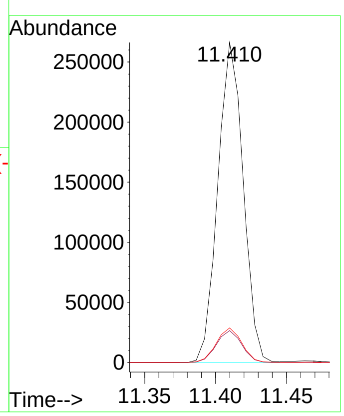
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

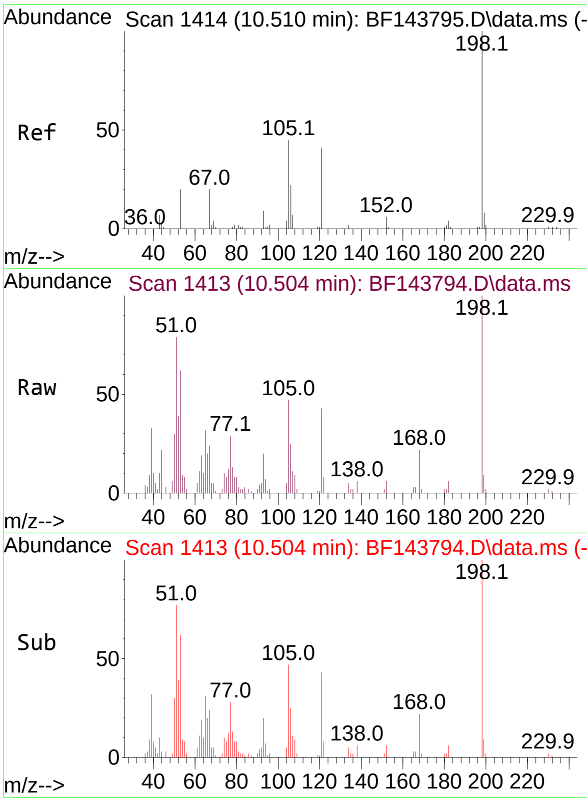


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion:188 Resp: 331910

Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.2	12.2
80	10.8	8.6	12.8

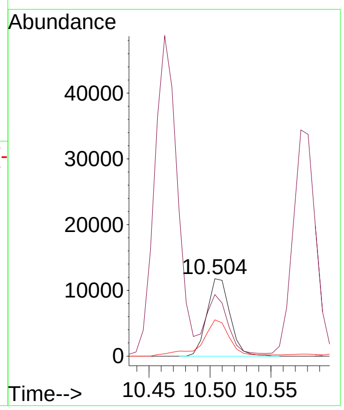




#65
4,6-Dinitro-2-methylphenol
Concen: 17.632 ng
RT: 10.504 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion:198 Resp: 15499

Ion	Ratio	Lower	Upper
198	100		
51	79.4	52.0	92.0
105	46.7	27.5	67.5



Instrument :
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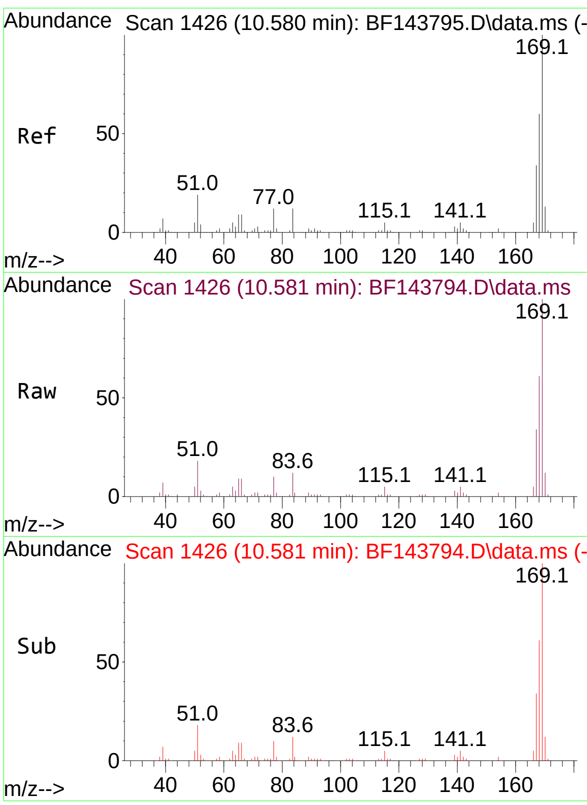
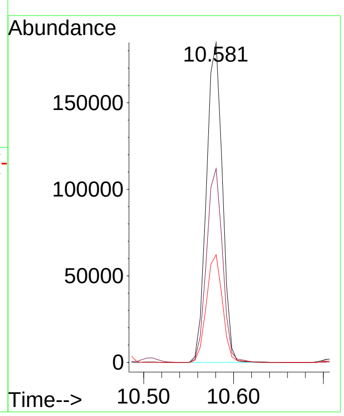
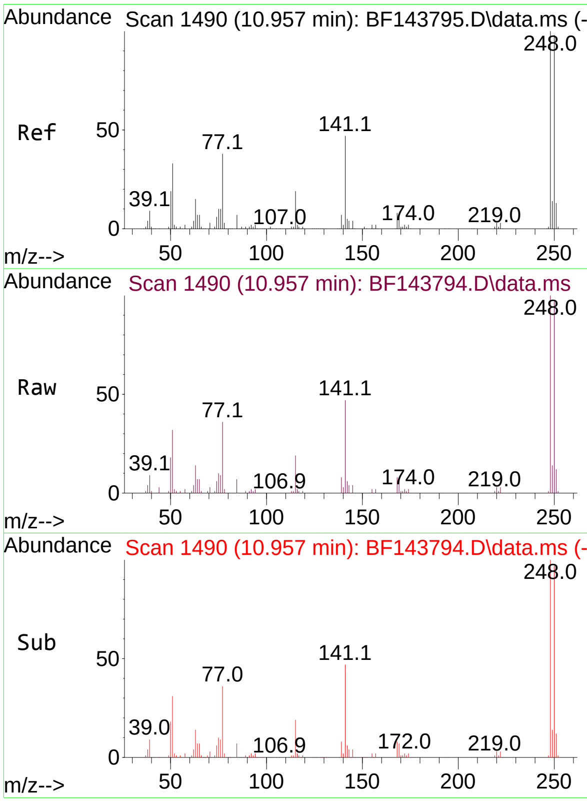


#66
n-Nitrosodiphenylamine
Concen: 20.930 ng
RT: 10.581 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion:169 Resp: 228456

Ion	Ratio	Lower	Upper
169	100		
168	60.6	47.9	71.9
167	33.6	27.0	40.6





#67
4-Bromophenyl-phenylether
Concen: 20.464 ng
RT: 10.957 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Instrument :
BNA_F
ClientSampleId :
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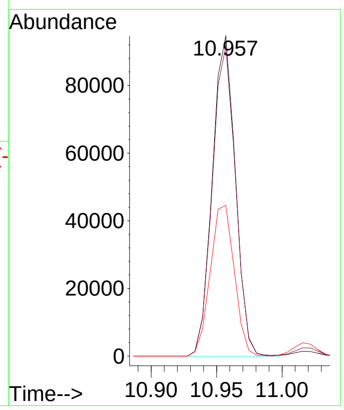
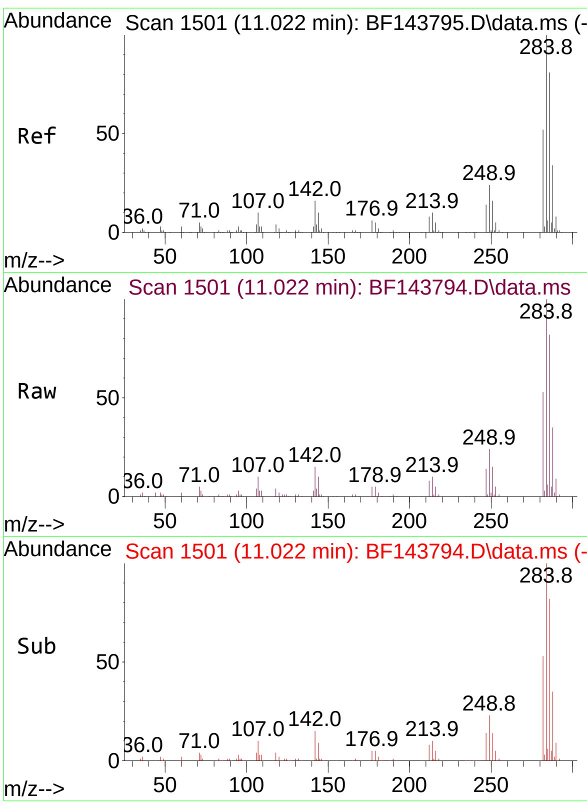
Tgt Ion:248 Resp: 115749

Ion	Ratio	Lower	Upper
248	100		
250	96.9	78.7	118.1
141	47.1	37.9	56.9

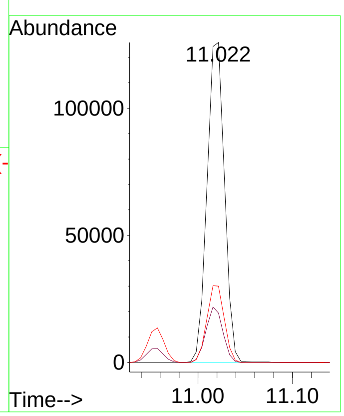




#68
Hexachlorobenzene
Concen: 20.797 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion:284 Resp: 162113

Ion	Ratio	Lower	Upper
284	100		
142	15.4	13.1	19.7
249	23.8	19.5	29.3



Instrument :
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ClientSampleId :
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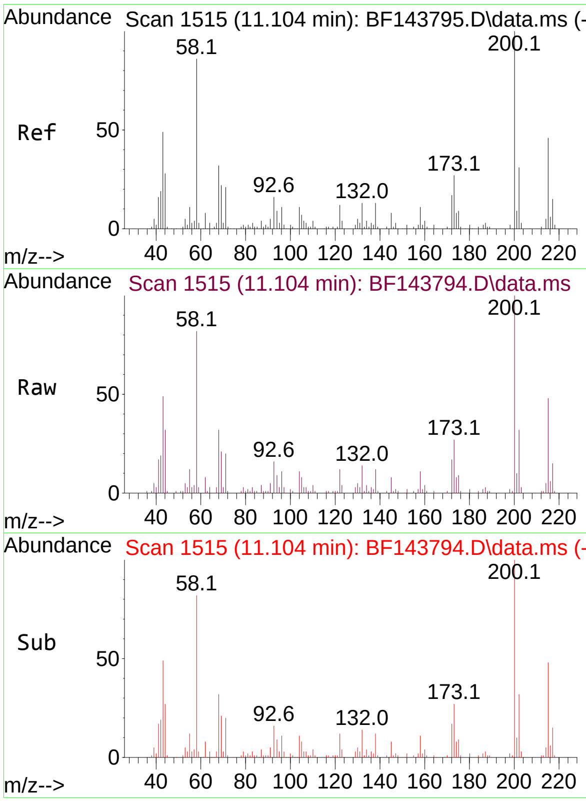
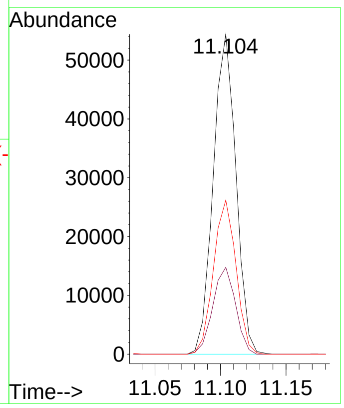
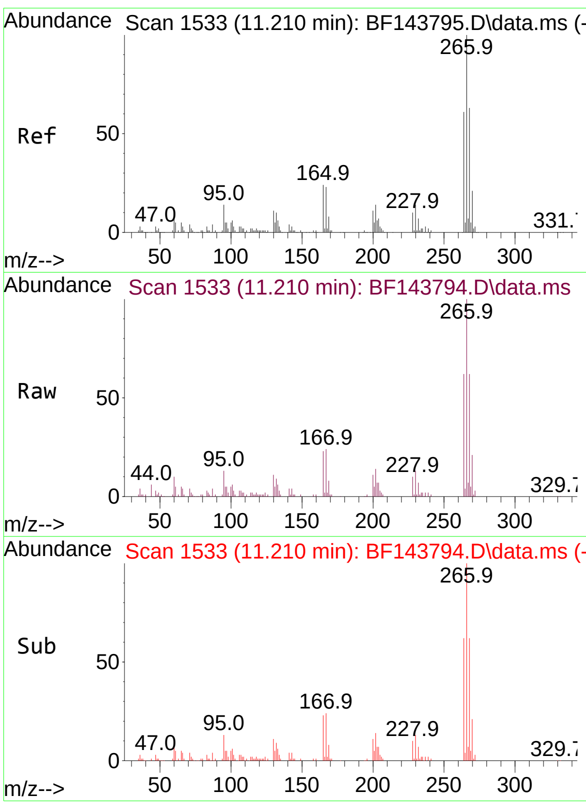


#69
Atrazine
Concen: 20.747 ng
RT: 11.104 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion:200 Resp: 6558

Ion	Ratio	Lower	Upper
200	100		
173	27.1	7.2	47.2
215	48.1	26.0	66.0

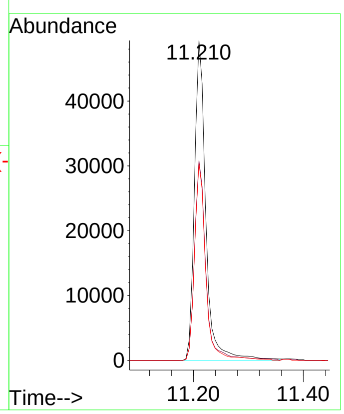




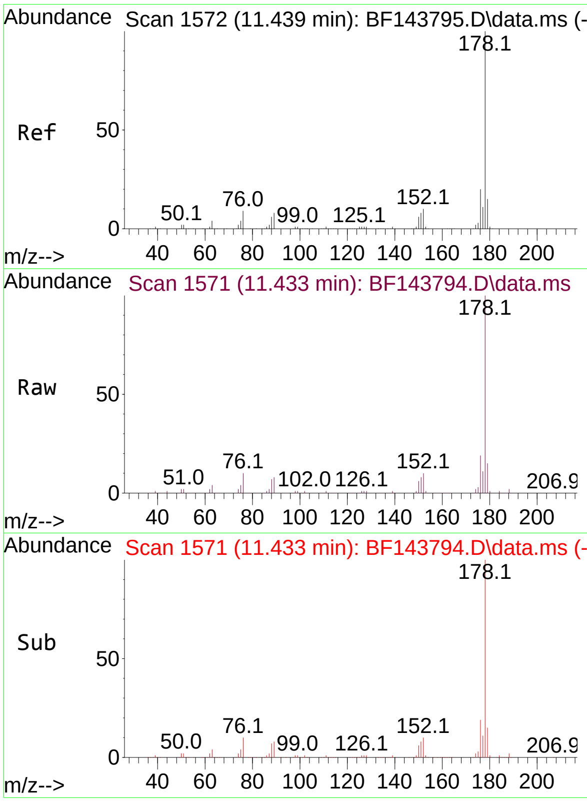
#70
Pentachlorophenol
Concen: 18.449 ng
RT: 11.210 min Scan# 1533
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion:266 Resp: 71585

Ion	Ratio	Lower	Upper
266	100		
268	62.5	50.5	75.7
264	61.6	48.8	73.2



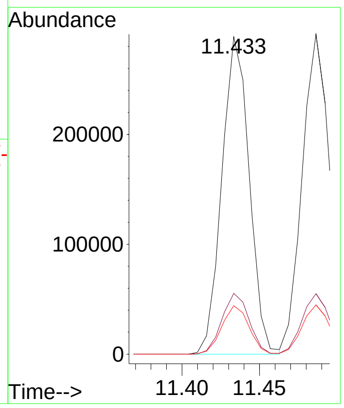
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18



#71
Phenanthrene
Concen: 20.854 ng
RT: 11.433 min Scan# 1!
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion:178 Resp: 355364

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.6	23.4
179	15.3	12.2	18.4



Instrument :
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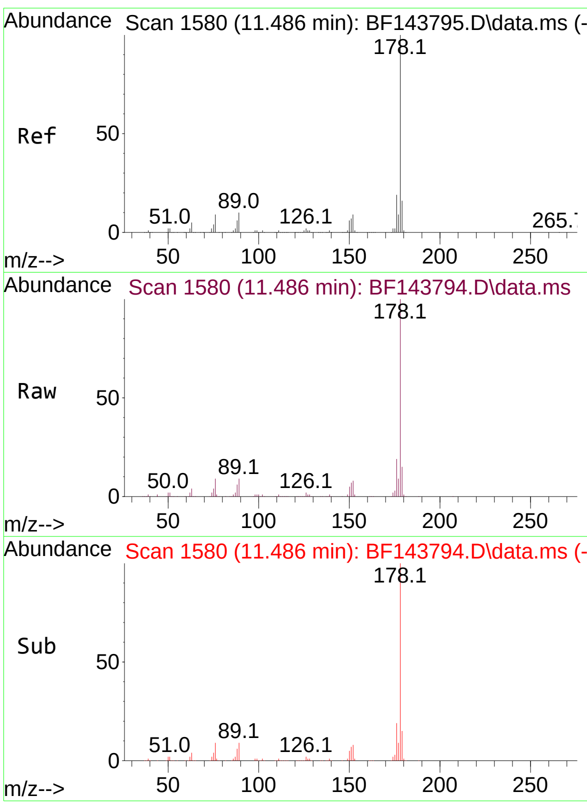
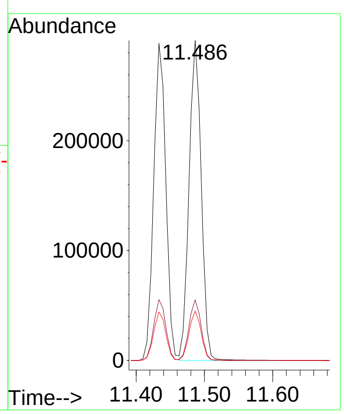
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

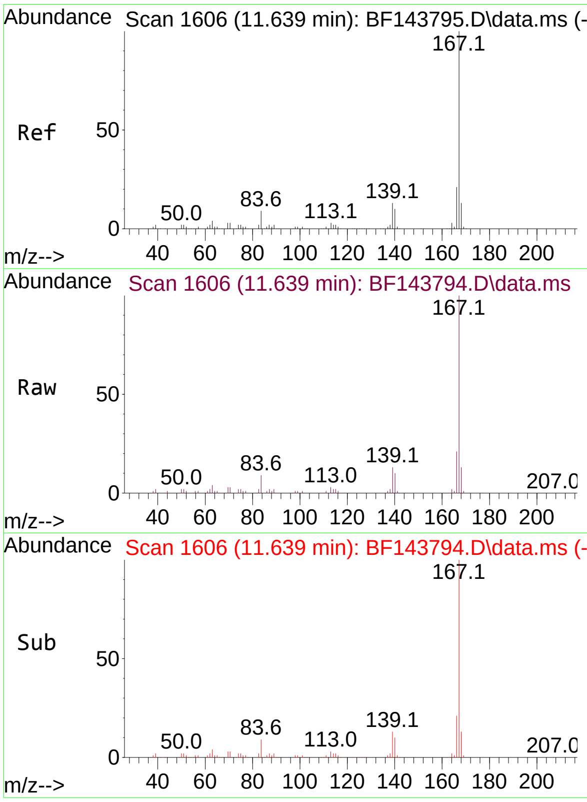


#72
Anthracene
Concen: 21.135 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion:178 Resp: 361245

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	15.4	12.8	19.2

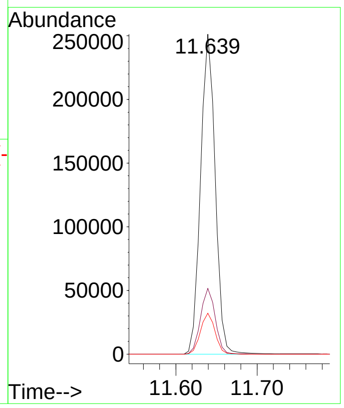




#73
Carbazole
Concen: 21.072 ng
RT: 11.639 min Scan# 16
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion:167 Resp: 314908

Ion	Ratio	Lower	Upper
167	100		
166	20.5	17.0	25.4
139	12.8	10.6	15.8



Instrument : BNA_F
ClientSampleId : SSTDICC020

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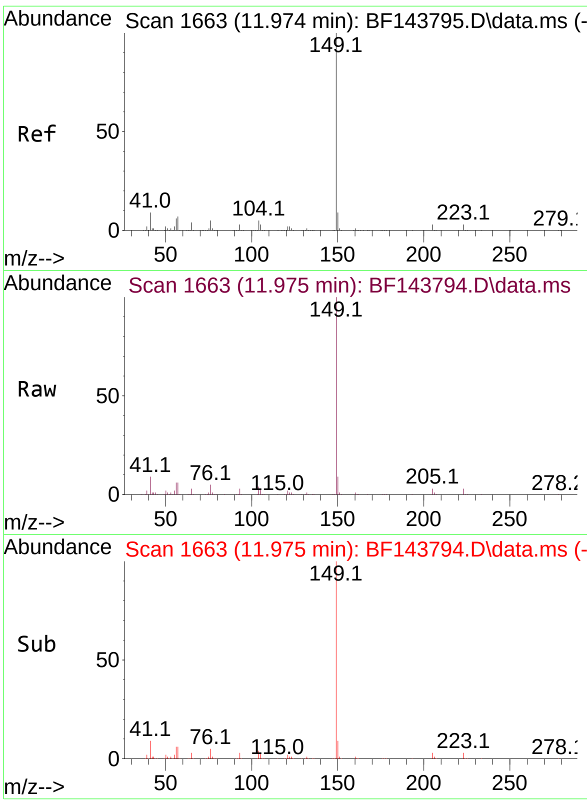
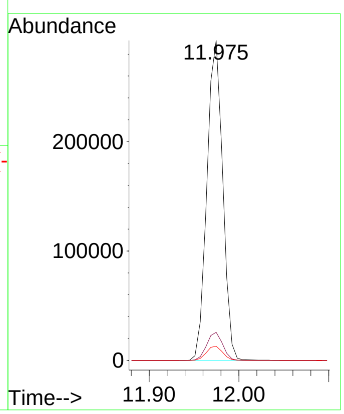
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

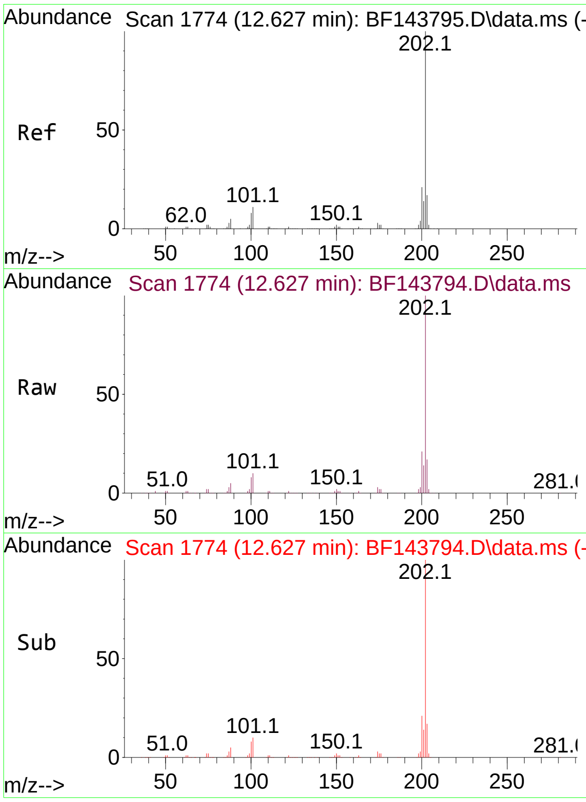


#74
Di-n-butylphthalate
Concen: 20.764 ng
RT: 11.975 min Scan# 1663
Delta R.T. 0.000 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion:149 Resp: 356883

Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.3	10.9
104	4.4	3.6	5.4





#75
Fluoranthene
Concen: 21.284 ng
RT: 12.627 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion:202 Resp: 36477

Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	31.1
203	17.1	0.0	37.4

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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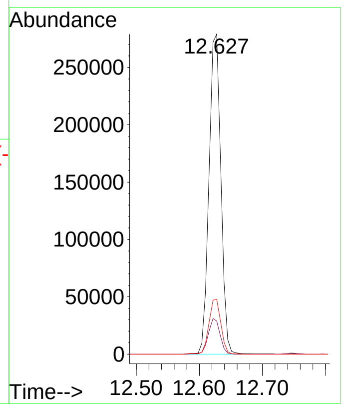
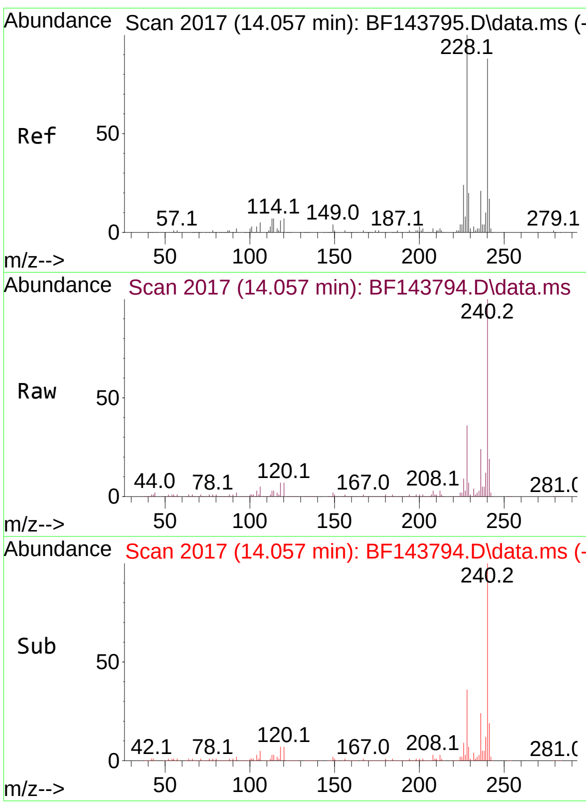
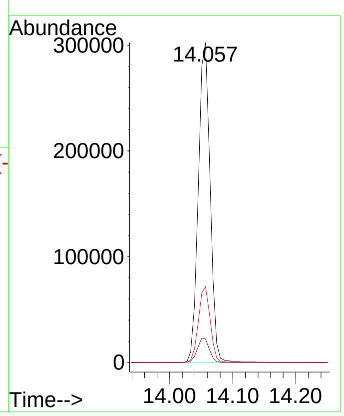




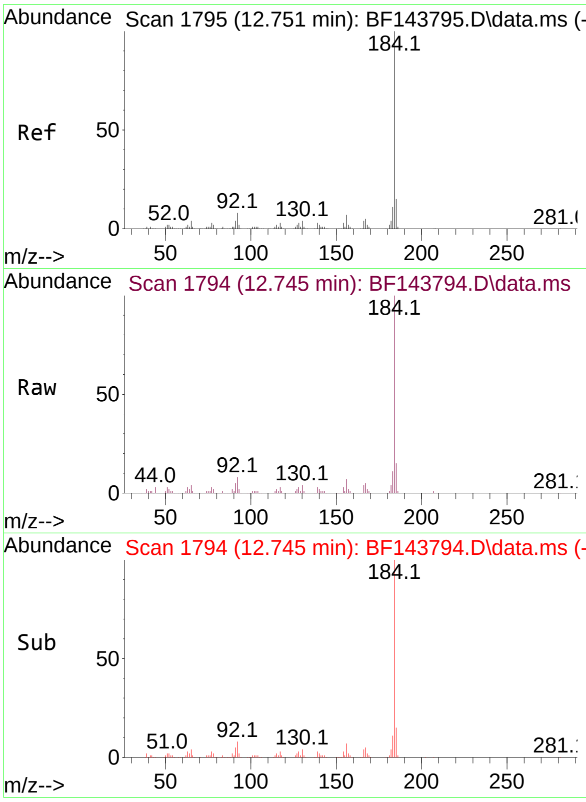
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion:240 Resp: 394143

Ion	Ratio	Lower	Upper
240	100		
120	7.3	6.2	9.4
236	23.6	19.4	29.2



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18



#77
Benzidine
Concen: 18.220 ng
RT: 12.745 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion:184 Resp: 17499

Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.6	17.4
183	10.6	8.6	13.0

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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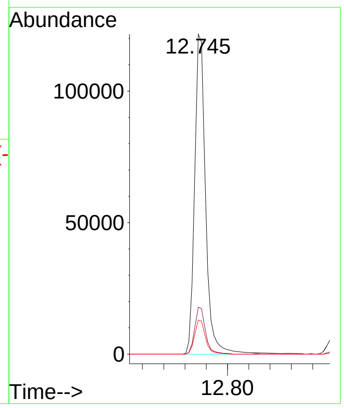
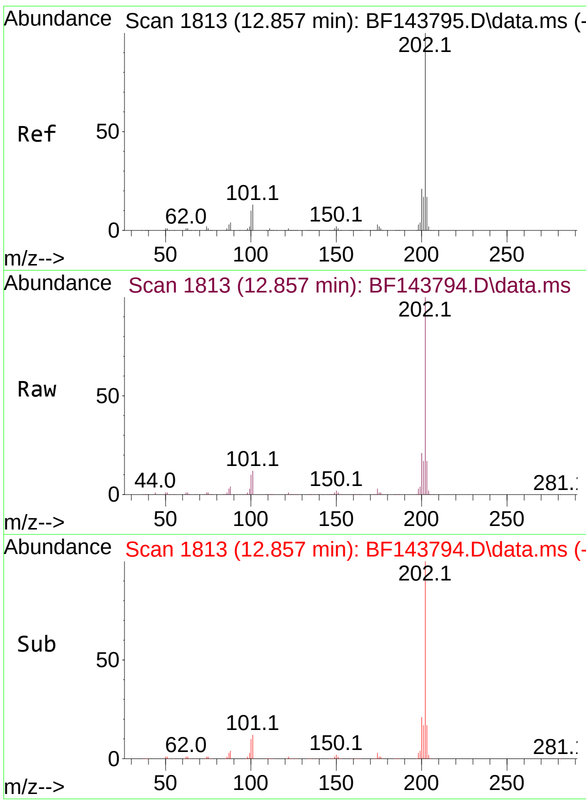
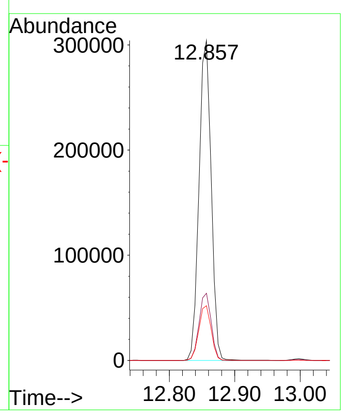




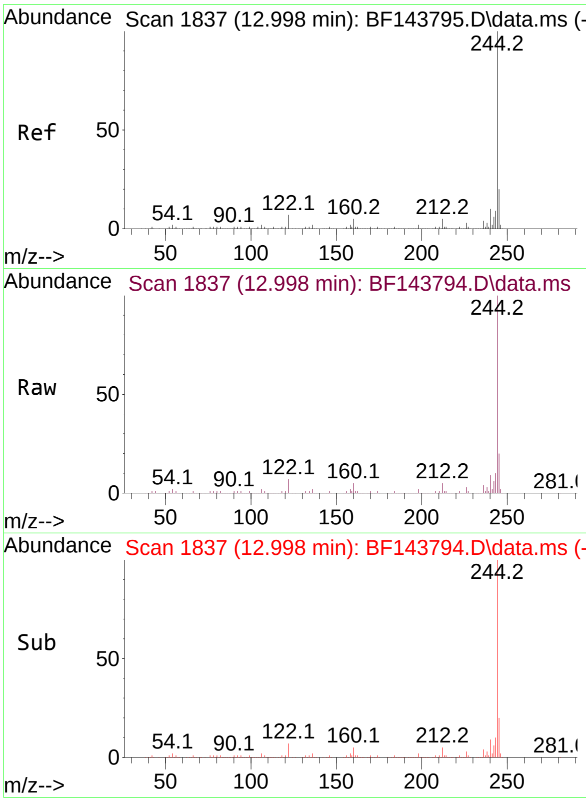
#78
Pyrene
Concen: 20.153 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion:202 Resp: 390517

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.0	25.4
203	17.1	13.9	20.9



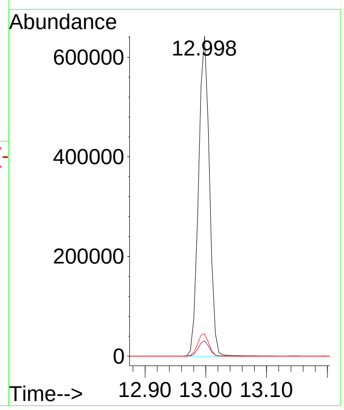
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18



#79
Terphenyl-d14
Concen: 39.771 ng
RT: 12.998 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion:244 Resp: 79842

Ion	Ratio	Lower	Upper
244	100		
212	4.7	3.9	5.9
122	7.0	5.6	8.4



Instrument :
BNA_F
ClientSampleId :
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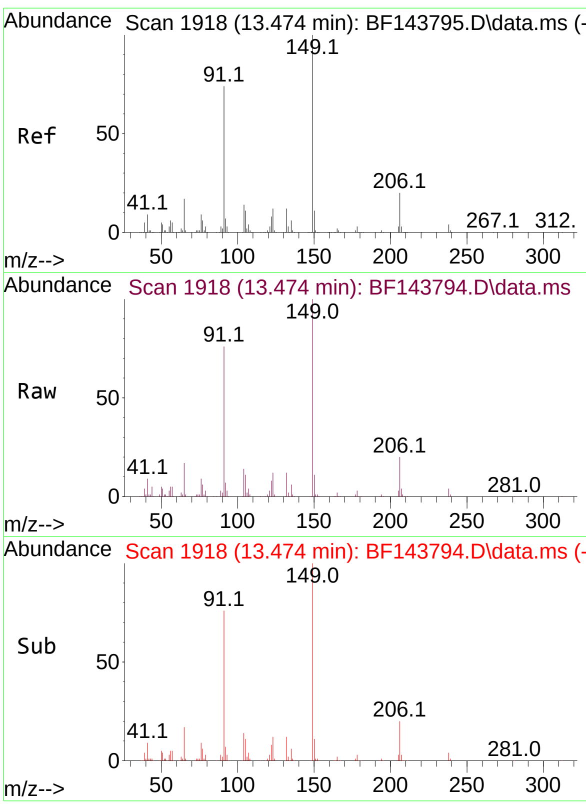
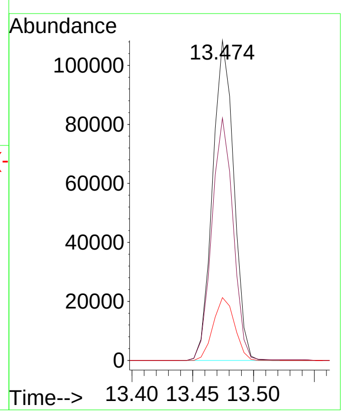
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18



#80
Butylbenzylphthalate
Concen: 19.666 ng
RT: 13.474 min Scan# 1918
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion:149 Resp: 131846

Ion	Ratio	Lower	Upper
149	100		
91	75.7	59.5	89.3
206	19.6	16.1	24.1



Instrument :
BNA_F
ClientSampleId :
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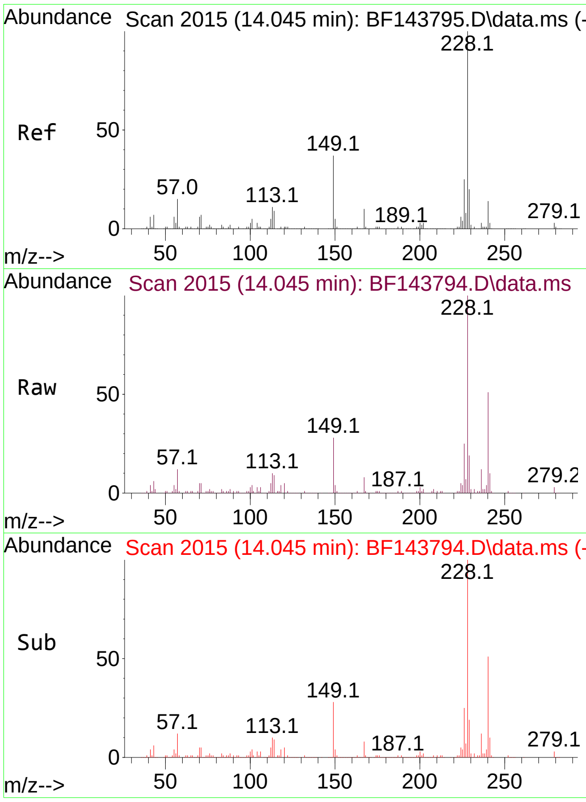
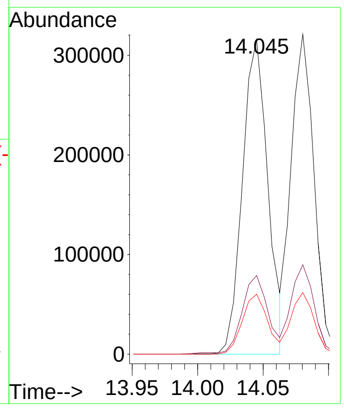
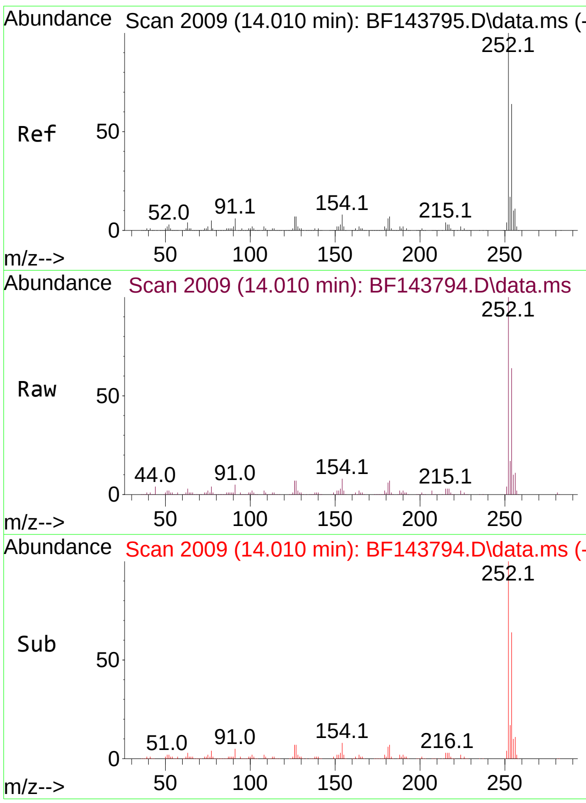


#81
Benzo(a)anthracene
Concen: 20.153 ng
RT: 14.045 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion:228 Resp: 426715

Ion	Ratio	Lower	Upper
228	100		
226	25.0	20.2	30.2
229	19.0	16.1	24.1

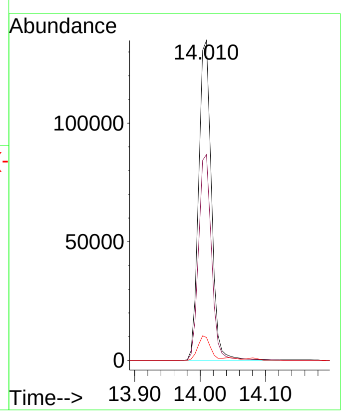


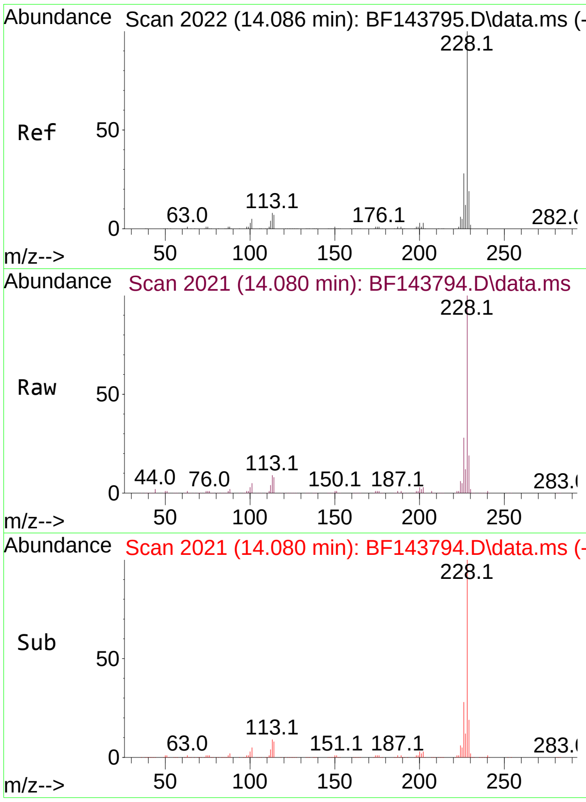


#82
3,3'-Dichlorobenzidine
Concen: 19.974 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion:252 Resp: 183227

Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.5	77.3
126	7.2	5.4	8.2






```
#83
Chrysene
Concen:   20.482 ng
RT:  14.080 min  Scan# 20
Delta R.T.  -0.006 min
Lab File:   BF143794.D
Acq: 23 Sep 2025  12:27

Tgt Ion:228 Resp:  39243
Ion  Ratio  Lower  Upper
228  100
226   27.9   22.6   33.8
229   19.2   15.6   23.4
```

Instrument :
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ClientSampleId :
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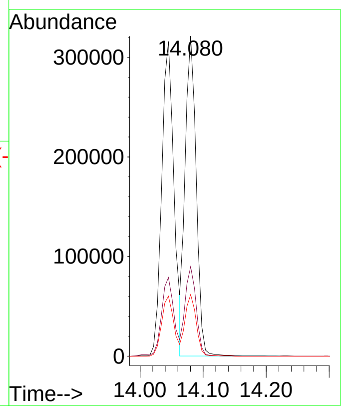
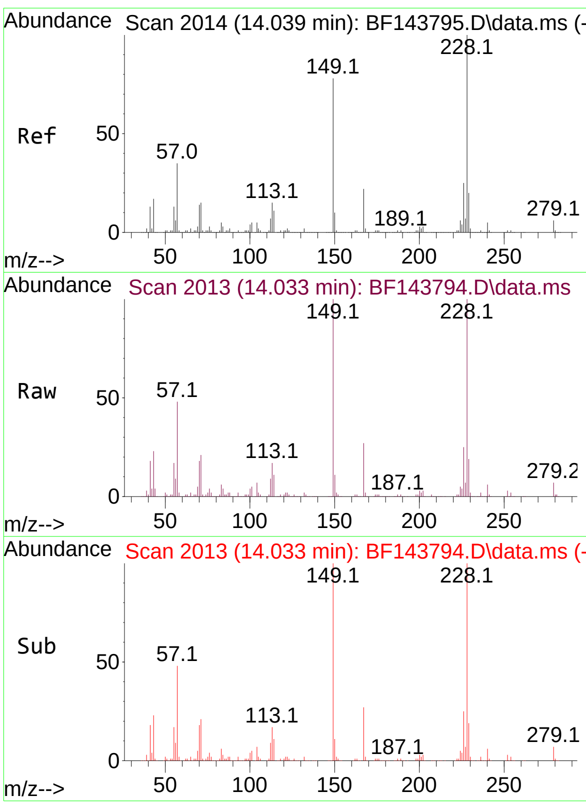
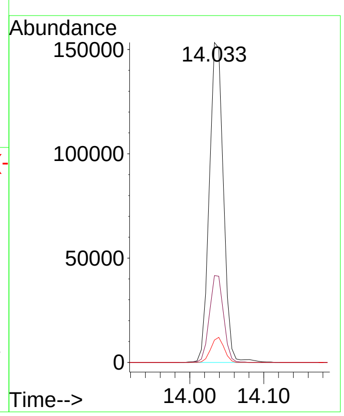


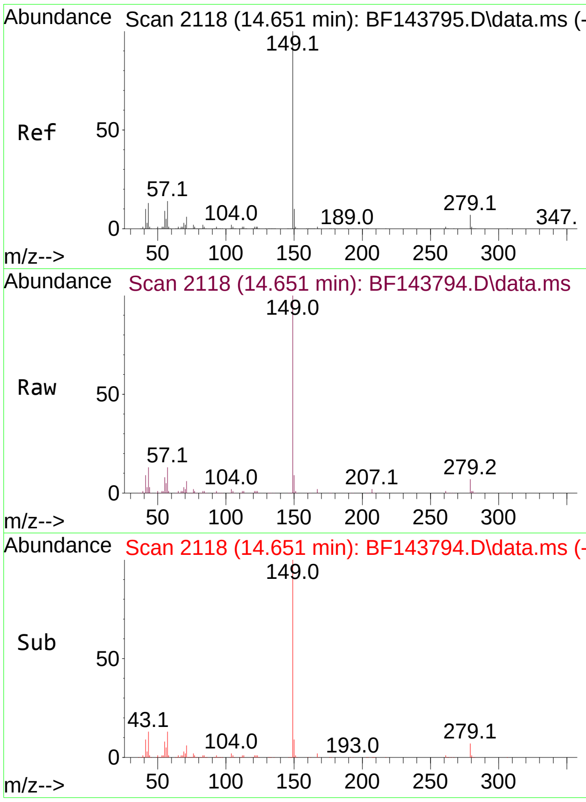



```
#84
Bis(2-ethylhexyl)phthalate
Concen:   20.620 ng
RT:  14.033 min  Scan# 2013
Delta R.T.  -0.006 min
Lab File:   BF143794.D
Acq: 23 Sep 2025  12:27

Tgt Ion:149 Resp:  202632
Ion  Ratio  Lower  Upper
149  100
167   27.1   22.2   33.2
279    7.0    6.0    9.0
```



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18



#85
Di-n-octyl phthalate
Concen: 19.397 ng
RT: 14.651 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion:149 Resp: 34575

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	13.6	10.7	16.1

Instrument :
BNA_F
ClientSampleId :
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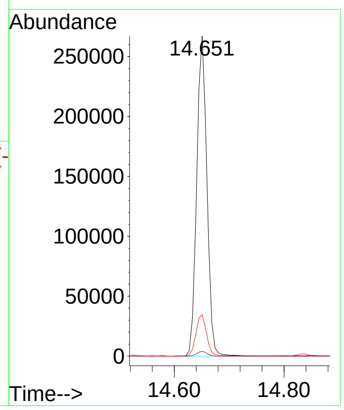
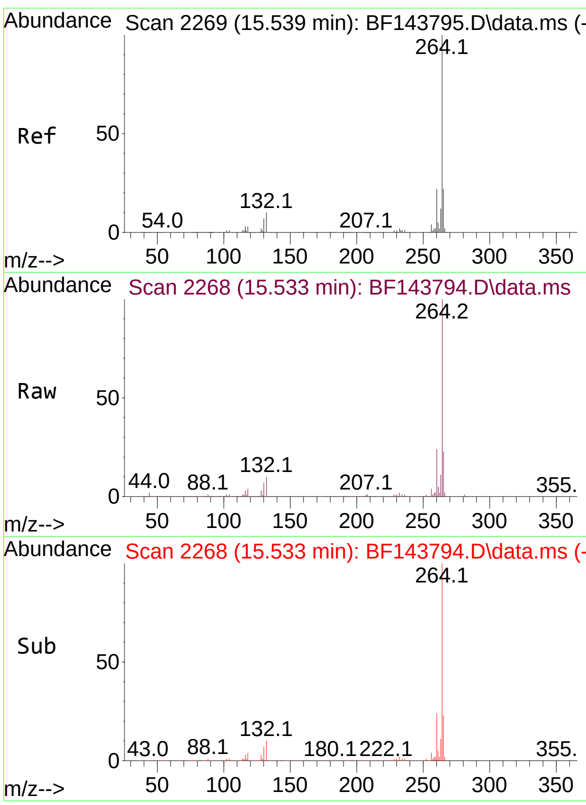
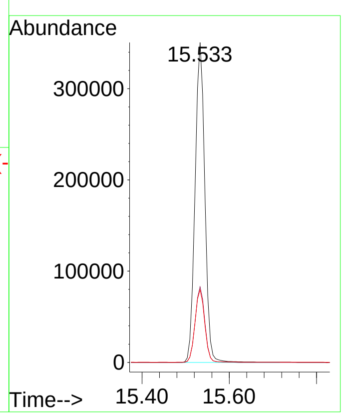


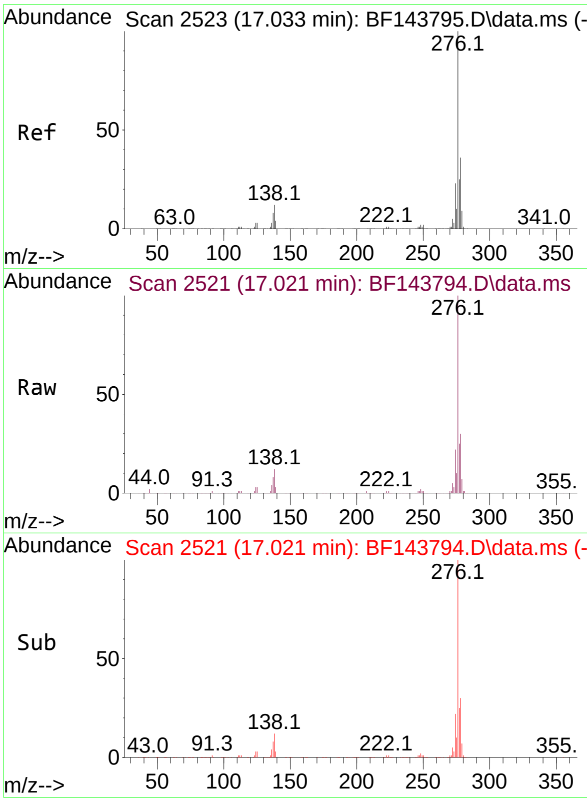


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion:264 Resp: 545751

Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.9	26.9
265	22.7	17.7	26.5






```
#87
Indeno(1,2,3-cd)pyrene
Concen:   20.824 ng
RT:  17.021 min  Scan# 25
Delta R.T.   -0.023 min
Lab File:    BF143794.D
Acq: 23 Sep 2025  12:27

Tgt Ion:276 Resp:  86228
Ion  Ratio  Lower  Upper
276  100
138   13.4   10.6   15.8
277   25.7   20.7   31.1
```

Instrument :
BNA_F
ClientSampleId :
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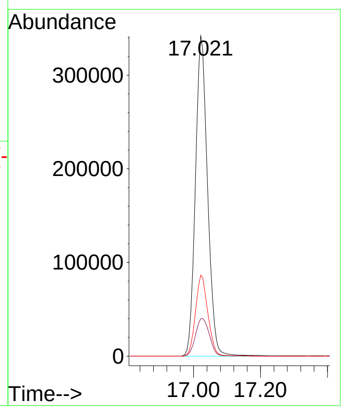
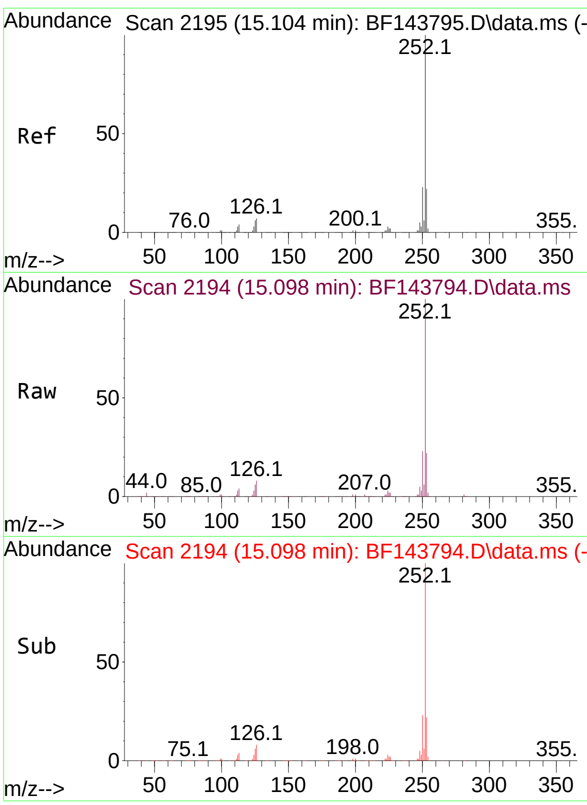
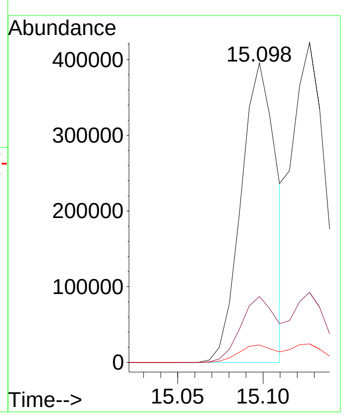


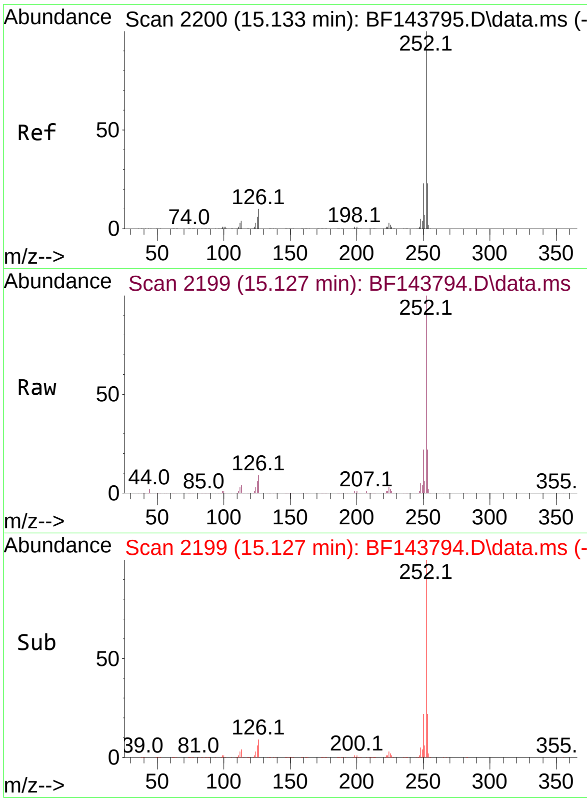
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18




```
#88
Benzo(b)fluoranthene
Concen:   20.215 ng
RT:  15.098 min  Scan# 2194
Delta R.T.   -0.006 min
Lab File:    BF143794.D
Acq: 23 Sep 2025  12:27

Tgt Ion:252 Resp:  561825
Ion  Ratio  Lower  Upper
252  100
253   22.0   17.8   26.8
125    5.8    4.4    6.6
```





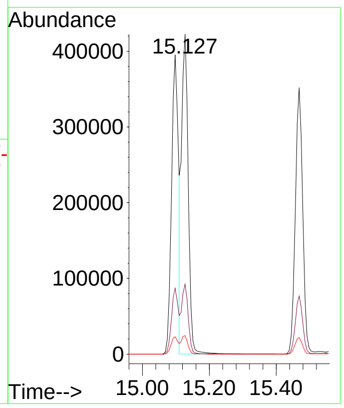
#89
Benzo(k)fluoranthene
Concen: 21.102 ng
RT: 15.127 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

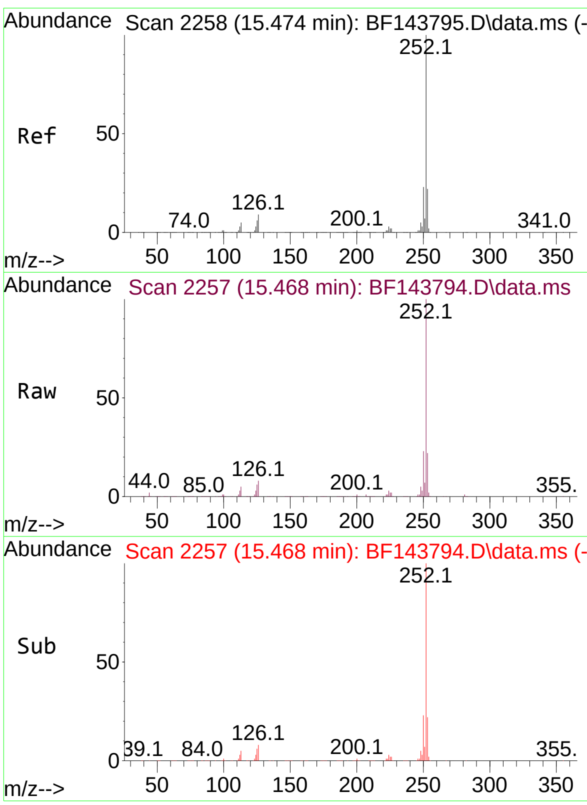
Tgt Ion:252 Resp: 58920

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	5.8	4.6	6.8

Instrument : BNA_F
ClientSampleId : SSTDICC020

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

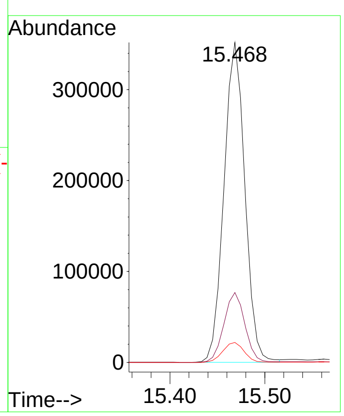


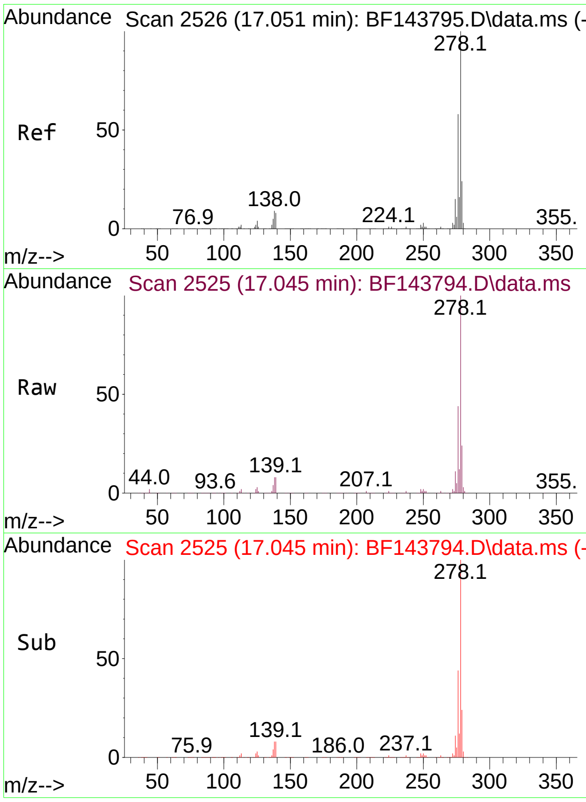


#90
Benzo(a)pyrene
Concen: 20.654 ng
RT: 15.468 min Scan# 2257
Delta R.T. -0.012 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion:252 Resp: 539579

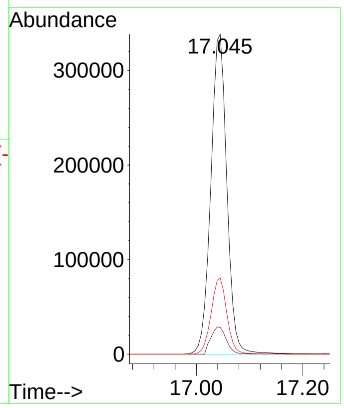
Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	6.2	5.0	7.4





#91
Dibenzo(a,h)anthracene
Concen: 20.980 ng
RT: 17.045 min Scan# 25
Delta R.T. -0.023 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

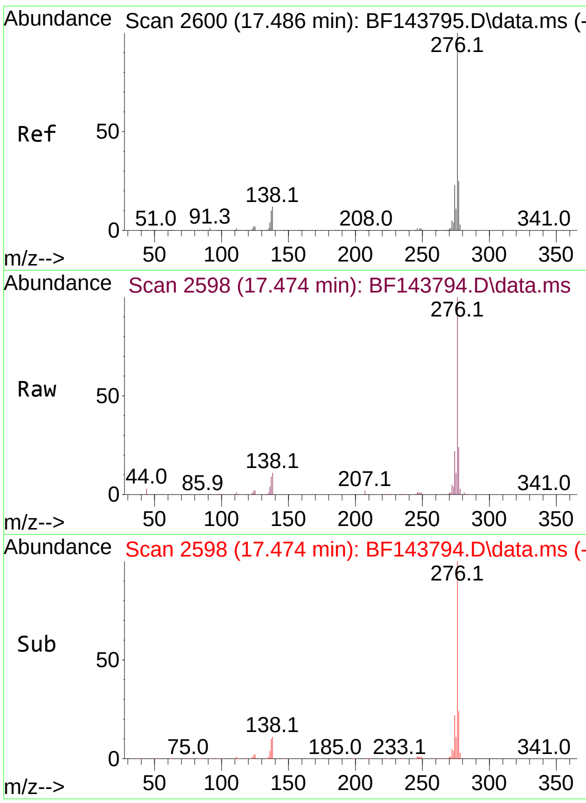
Tgt Ion:278	Resp:	71054	
Ion	Ratio	Lower	Upper
278	100		
139	8.4	6.7	10.1
279	23.8	19.3	28.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

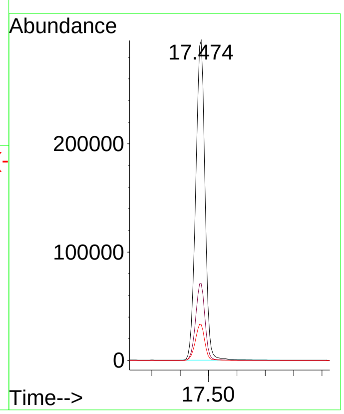
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#92
Benzo(g,h,i)perylene
Concen: 20.621 ng
RT: 17.474 min Scan# 2598
Delta R.T. -0.029 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion:276	Resp:	673228	
Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.6	29.4
138	11.2	9.2	13.8



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
Data File : BF143795.D
Acq On : 23 Sep 2025 13:59
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

Quant Time: Sep 23 17:06:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 23 16:31:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	113314	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	405913	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	195477	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	304940	20.000	ng	0.00
76) Chrysene-d12	14.057	240	365989	20.000	ng	0.00
86) Perylene-d12	15.539	264	525577	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	602322	85.545	ng	0.00
7) Phenol-d6	6.504	99	690438	83.097	ng	0.00
23) Nitrobenzene-d5	7.445	82	573383	88.897	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	256232	91.848	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1056299	79.854	ng	0.00
79) Terphenyl-d14	12.998	244	1496108	80.257	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.634	88	144938	43.417	ng	100
3) Pyridine	3.399	79	390716	43.360	ng	100
4) n-Nitrosodimethylamine	3.340	42	192963	42.707	ng	100
6) Aniline	6.545	93	486101	41.561	ng	100
8) 2-Chlorophenol	6.669	128	302589	42.379	ng	100
9) Benzaldehyde	6.434	77	332514	47.119	ng	100
10) Phenol	6.516	94	396049m	42.282	ng	
11) bis(2-Chloroethyl)ether	6.616	93	309829	42.197	ng	100
12) 1,3-Dichlorobenzene	6.828	146	350005	42.220	ng	100
13) 1,4-Dichlorobenzene	6.904	146	348233	42.092	ng	100
14) 1,2-Dichlorobenzene	7.057	146	328481	41.922	ng	100
15) Benzyl Alcohol	7.022	79	246535	42.340	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.157	45	732266	42.058	ng	100
17) 2-Methylphenol	7.128	107	231425	41.866	ng	100
18) Hexachloroethane	7.398	117	123042	42.290	ng	100
19) n-Nitroso-di-n-propyla...	7.292	70	207240	39.992	ng	100
20) 3+4-Methylphenols	7.281	107	288081	42.795	ng	100
22) Acetophenone	7.292	105	375588	42.128	ng	100
24) Nitrobenzene	7.463	77	315613	42.939	ng	100
25) Isophorone	7.704	82	546218	42.269	ng	100
26) 2-Nitrophenol	7.781	139	120369	40.347	ng	100
27) 2,4-Dimethylphenol	7.810	122	246324	42.648	ng	100
28) bis(2-Chloroethoxy)met...	7.916	93	354402	42.213	ng	100
29) 2,4-Dichlorophenol	8.022	162	242031	42.587	ng	100
30) 1,2,4-Trichlorobenzene	8.110	180	250976	42.554	ng	100
31) Naphthalene	8.192	128	814068	41.894	ng	100
32) Benzoic acid	7.892	122	114033	40.921	ng	100
33) 4-Chloroaniline	8.233	127	288280	42.217	ng	100
34) Hexachlorobutadiene	8.310	225	188867	42.957	ng	100
35) Caprolactam	8.586	113	60592	41.712	ng	100
36) 4-Chloro-3-methylphenol	8.710	107	224136	42.051	ng	100
37) 2-Methylnaphthalene	8.881	142	515616	41.614	ng	100
38) 1-Methylnaphthalene	8.981	142	496939	41.901	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	245432	41.605	ng	100
41) Hexachlorocyclopentadiene	9.033	237	163505	43.733	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	164818	44.620	ng	100

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
Data File : BF143795.D
Acq On : 23 Sep 2025 13:59
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICCC040

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

Quant Time: Sep 23 17:06:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 23 16:31:21 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	9.192	196	165369	42.801	ng	100
46)	1,1'-Biphenyl	9.345	154	584522	41.309	ng	100
47)	2-Chloronaphthalene	9.369	162	474899	41.694	ng	100
48)	2-Nitroaniline	9.463	65	156231	45.383	ng	100
49)	Acenaphthylene	9.786	152	660923	42.150	ng	100
50)	Dimethylphthalate	9.639	163	502623	42.186	ng	100
51)	2,6-Dinitrotoluene	9.704	165	89151	45.543	ng	100
52)	Acenaphthene	9.957	154	433748	42.036	ng	100
53)	3-Nitroaniline	9.869	138	110739	46.671	ng	100
54)	2,4-Dinitrophenol	9.975	184	24685	41.301	ng	100
55)	Dibenzofuran	10.128	168	610393	41.833	ng	100
56)	4-Nitrophenol	10.016	139	81189	42.462	ng	100
57)	2,4-Dinitrotoluene	10.104	165	120114	41.745	ng	100
58)	Fluorene	10.475	166	448265	41.324	ng	100
59)	2,3,4,6-Tetrachlorophenol	10.245	232	145681	44.013	ng	100
60)	Diethylphthalate	10.345	149	473302	42.438	ng	100
61)	4-Chlorophenyl-phenyle...	10.463	204	230643	41.729	ng	100
62)	4-Nitroaniline	10.480	138	103193	46.254	ng	100
63)	Azobenzene	10.627	77	499929	42.532	ng	100
65)	4,6-Dinitro-2-methylph...	10.510	198	42447	40.163	ng	100
66)	n-Nitrosodiphenylamine	10.580	169	416100	41.492	ng	100
67)	4-Bromophenyl-phenylether	10.957	248	219921	42.319	ng	100
68)	Hexachlorobenzene	11.022	284	300364	41.941	ng	100
69)	Atrazine	11.104	200	128423	44.222	ng	100
70)	Pentachlorophenol	11.210	266	156073	43.781	ng	100
71)	Phenanthrene	11.439	178	660040	42.160	ng	100
72)	Anthracene	11.486	178	660736	42.075	ng	100
73)	Carbazole	11.639	167	595454	43.368	ng	100
74)	Di-n-butylphthalate	11.974	149	705755	44.694	ng	100
75)	Fluoranthene	12.627	202	697899	44.322	ng	100
77)	Benzidine	12.751	184	374182	41.956	ng	100
78)	Pyrene	12.857	202	735401	40.870	ng	100
80)	Butylbenzylphthalate	13.474	149	286527	46.027	ng	100
81)	Benzo(a)anthracene	14.045	228	840188	42.732	ng	100
82)	3,3'-Dichlorobenzidine	14.010	252	363730	42.702	ng	100
83)	Chrysene	14.086	228	744962	41.873	ng	100
84)	Bis(2-ethylhexyl)phtha...	14.039	149	408417	44.759	ng	100
85)	Di-n-octyl phthalate	14.651	149	741702	44.811	ng	100
87)	Indeno(1,2,3-cd)pyrene	17.033	276	1690390	42.389	ng	100
88)	Benzo(b)fluoranthene	15.104	252	1160651	43.365	ng	100
89)	Benzo(k)fluoranthene	15.133	252	1144789	42.573	ng	100
90)	Benzo(a)pyrene	15.474	252	1079512	42.908	ng	100
91)	Dibenzo(a,h)anthracene	17.051	278	1399884	42.920	ng	100
92)	Benzo(g,h,i)perylene	17.486	276	1344334	42.757	ng	100

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

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

ICAL Form

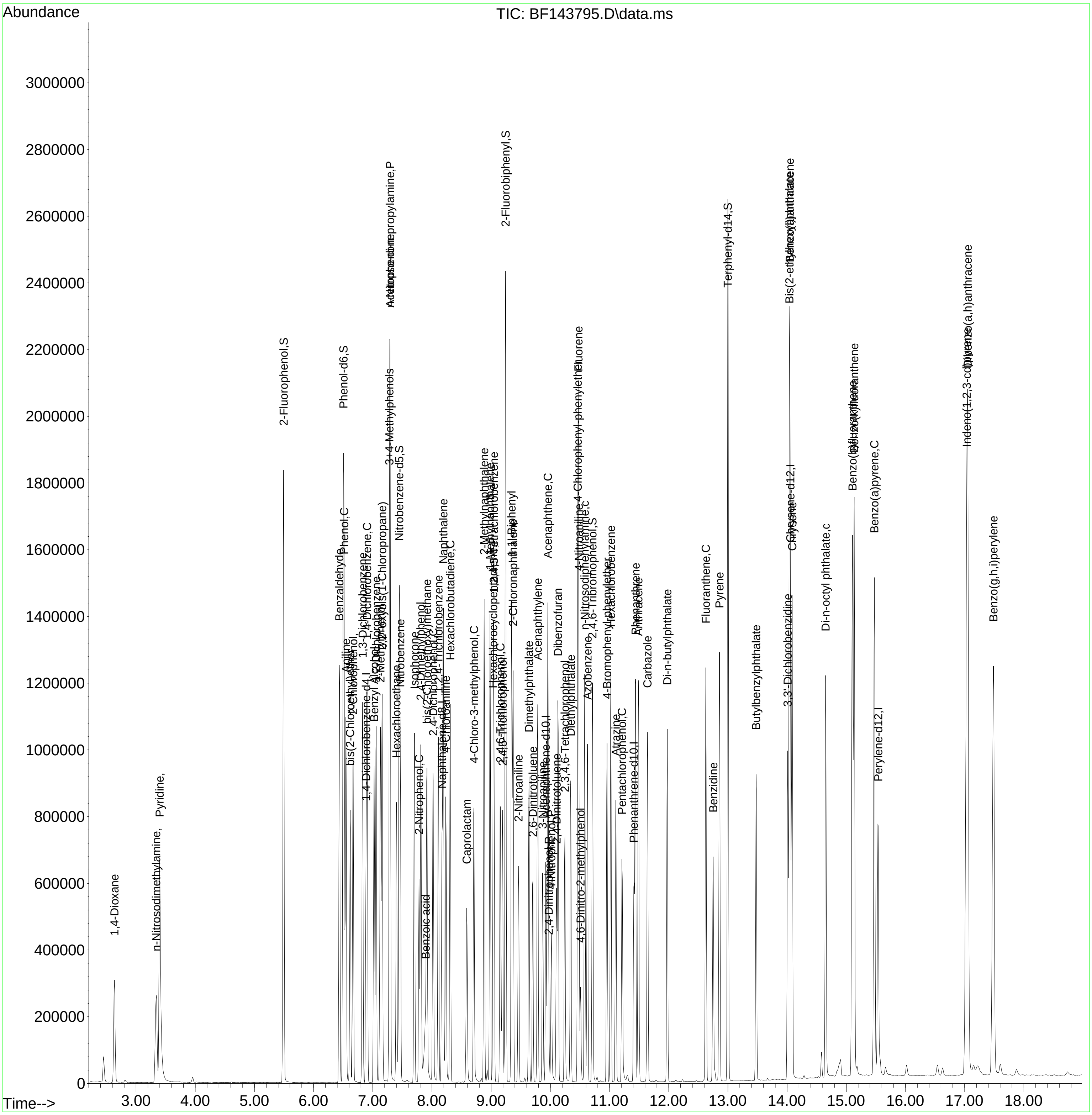
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
Data File : BF143795.D
Acq On : 23 Sep 2025 13:59
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 23 17:06:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 23 16:31:21 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

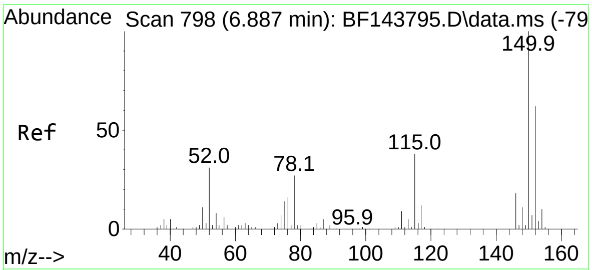
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

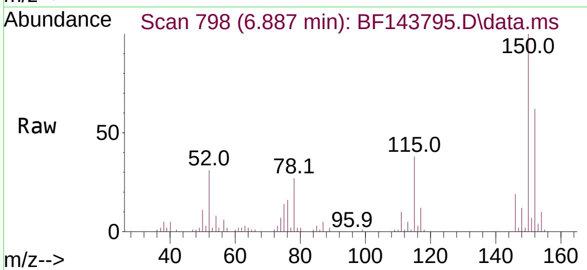


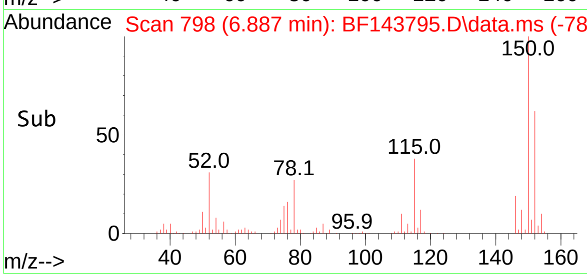
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



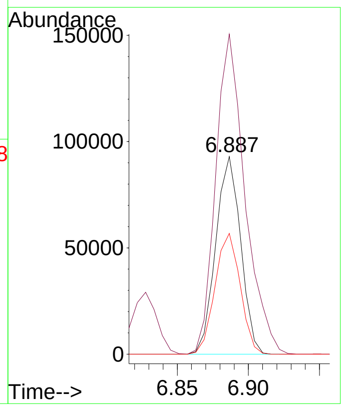


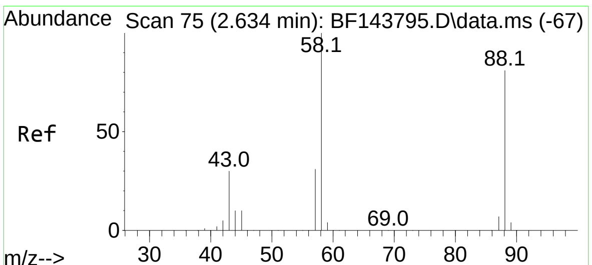


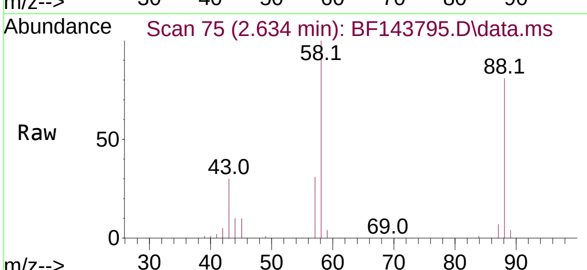
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

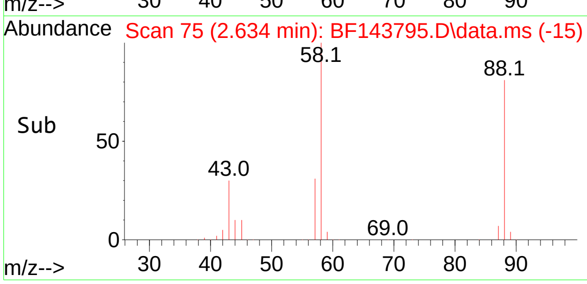
Tgt Ion:152 Resp: 11331

Ion	Ratio	Lower	Upper
152	100		
150	162.0	129.6	194.4
115	61.2	49.0	73.4





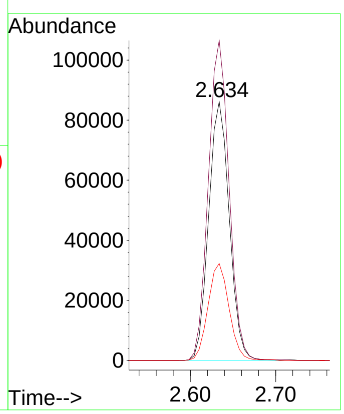




#2
1,4-Dioxane
Concen: 43.417 ng
RT: 2.634 min Scan# 75
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

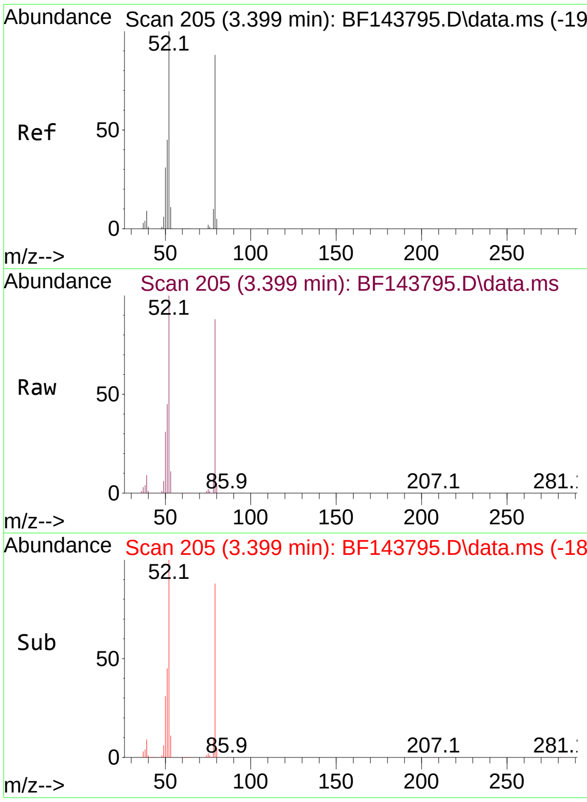
Tgt Ion: 88 Resp: 144938

Ion	Ratio	Lower	Upper
88	100		
58	124.3	99.4	149.2
43	38.2	30.6	45.8



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

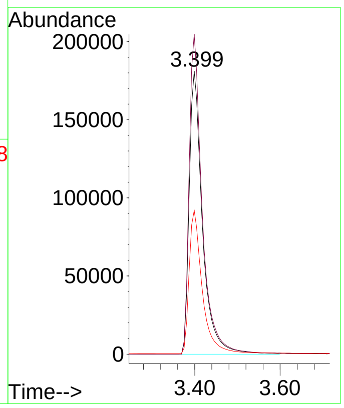
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

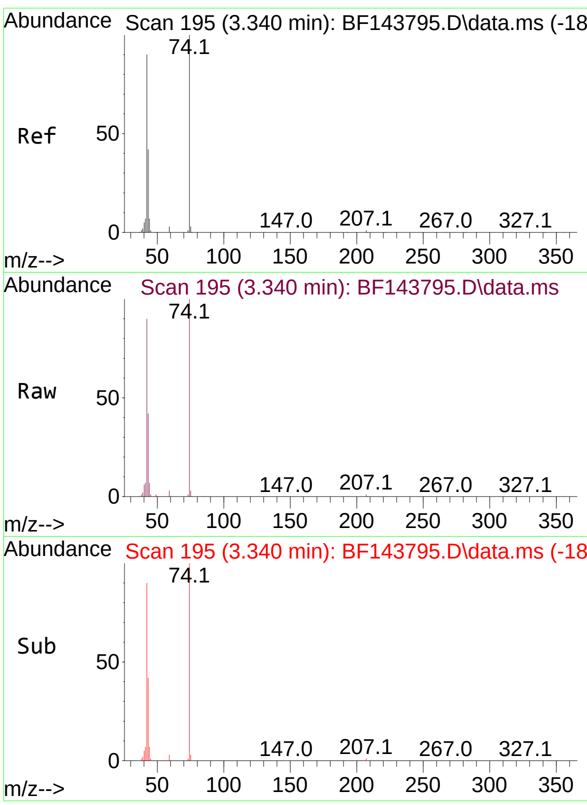


#3
Pyridine
Concen: 43.360 ng
RT: 3.399 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion: 79 Resp: 39071

Ion	Ratio	Lower	Upper
79	100		
52	113.1	90.5	135.7
51	50.8	40.6	61.0

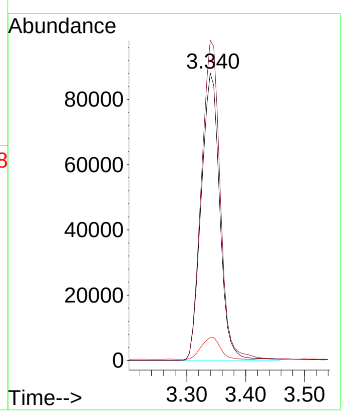




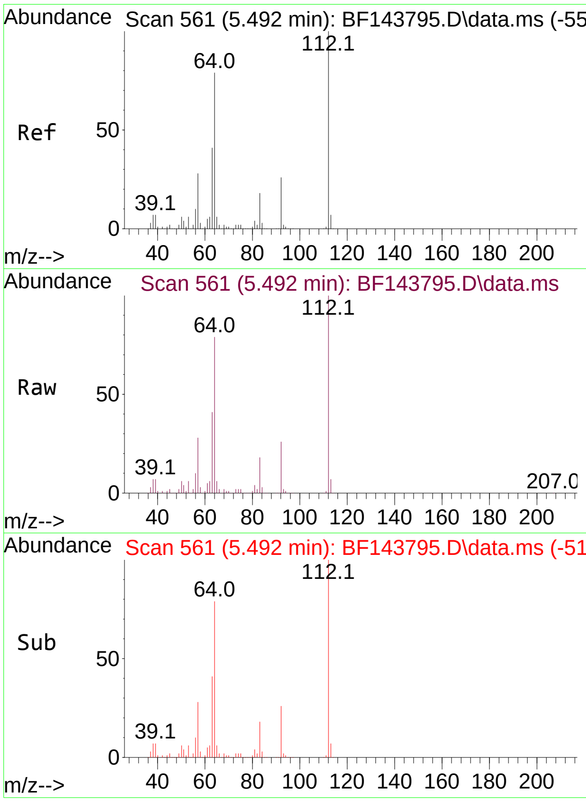
#4
n-Nitrosodimethylamine
Concen: 42.707 ng
RT: 3.340 min Scan# 195
Delta R.T. -0.018 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion: 42 Resp: 192963

Ion	Ratio	Lower	Upper
42	100		
74	111.4	89.1	133.7
44	8.0	6.4	9.6



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18



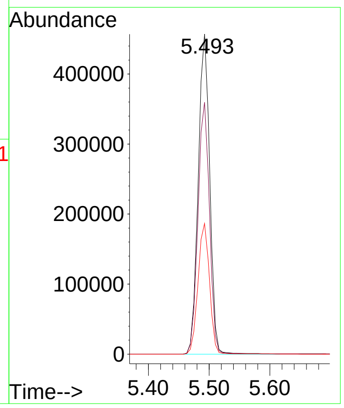
#5
2-Fluorophenol
Concen: 85.545 ng
RT: 5.492 min Scan# 56
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

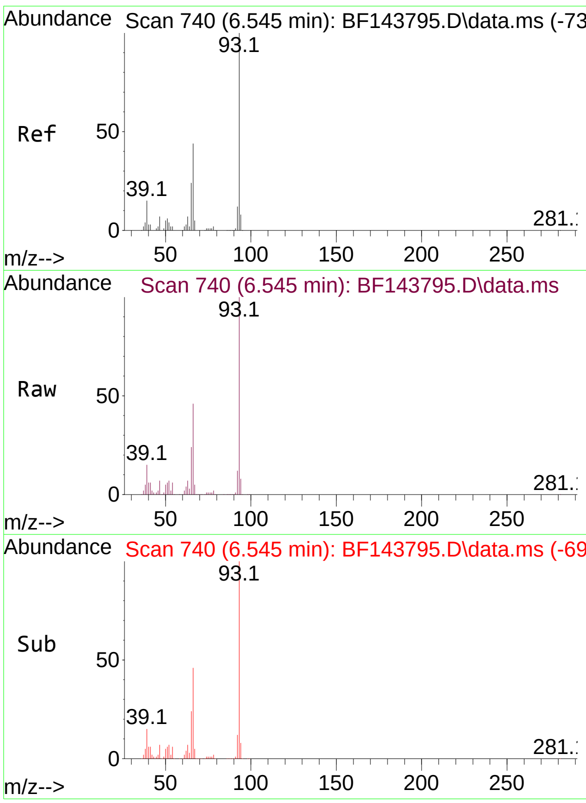
Tgt Ion:112 Resp: 60232

Ion	Ratio	Lower	Upper
112	100		
64	78.7	63.0	94.4
63	40.8	32.6	49.0

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

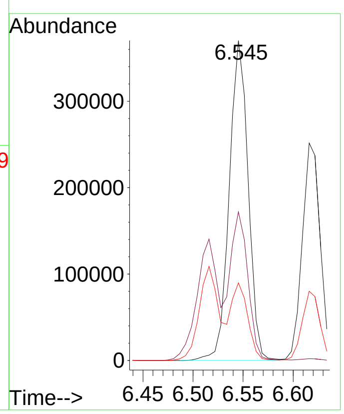




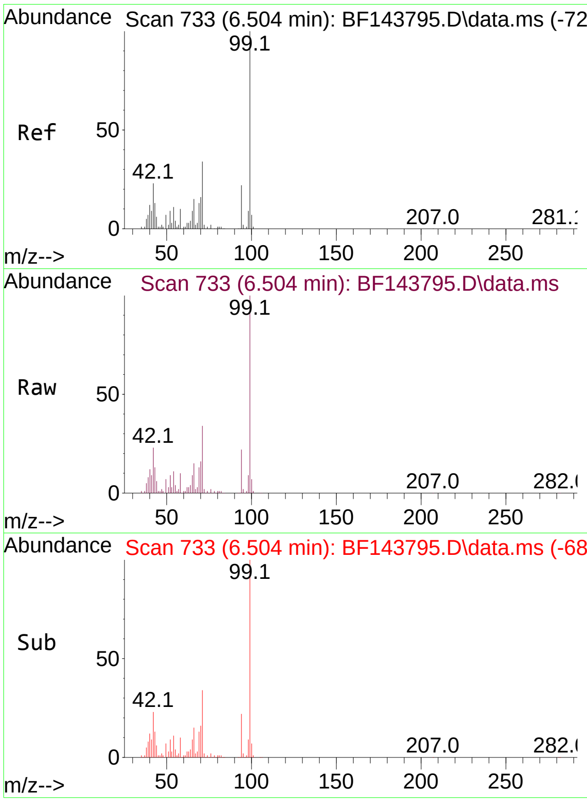
#6
Aniline
Concen: 41.561 ng
RT: 6.545 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion: 93 Resp: 486101

Ion	Ratio	Lower	Upper
93	100		
66	46.4	37.1	55.7
65	24.2	19.4	29.0



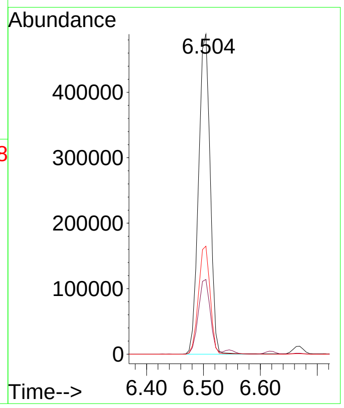
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18



#7
Phenol-d6
Concen: 83.097 ng
RT: 6.504 min   Scan# 7
Delta R.T.   -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025   13:59

Tgt Ion: 99 Resp: 69043

Ion	Ratio	Lower	Upper
99	100		
42	23.3	18.6	28.0
71	33.7	27.0	40.4



Instrument :
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ClientSampleId :
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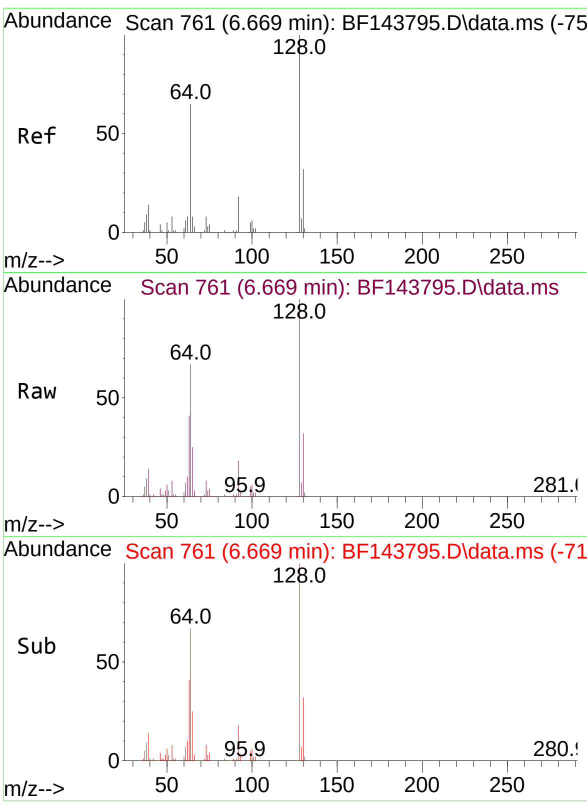
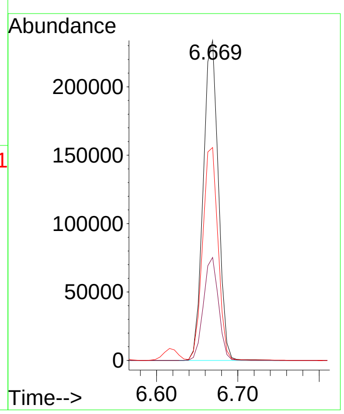
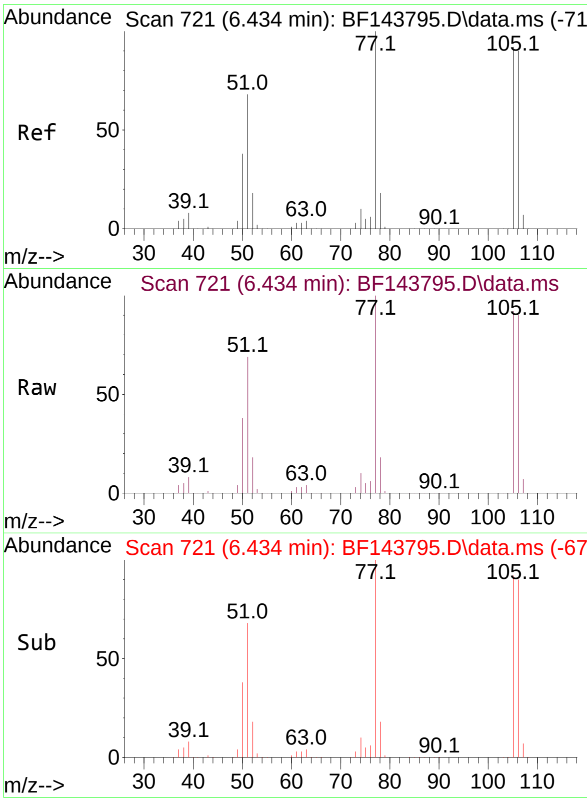


#8
2-Chlorophenol
Concen: 42.379 ng
RT: 6.669 min   Scan# 761
Delta R.T.   0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025   13:59

Tgt Ion:128 Resp: 302589

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.2	52.2
64	66.5	46.5	86.5

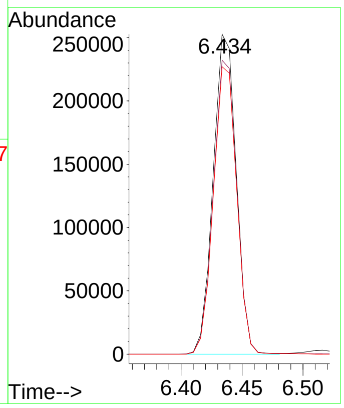




#9
Benzaldehyde
Concen: 47.119 ng
RT: 6.434 min Scan# 721
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion: 77 Resp: 332514

Ion	Ratio	Lower	Upper
77	100		
105	91.8	71.8	111.8
106	89.8	69.8	109.8



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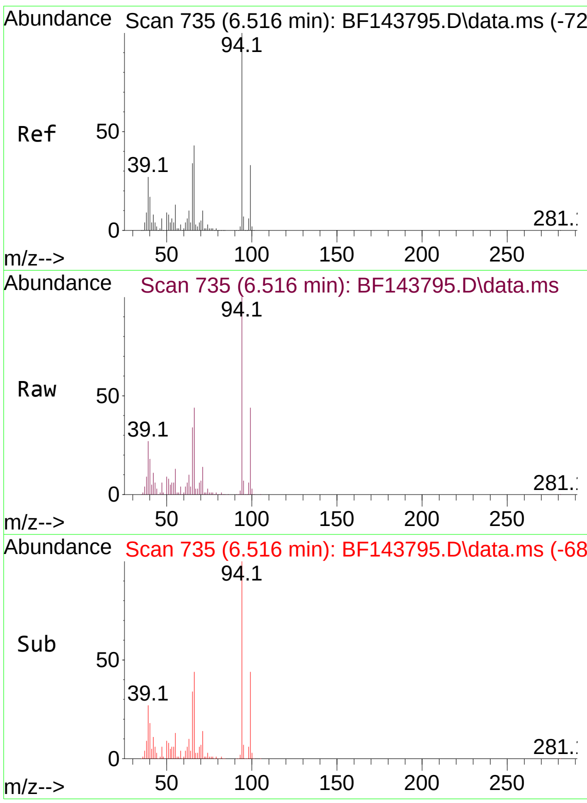
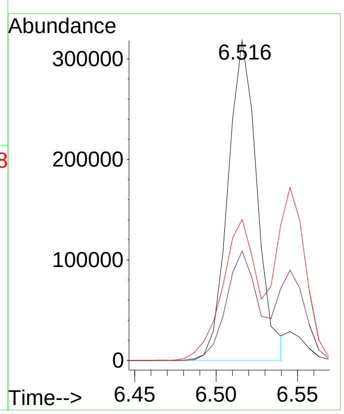
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

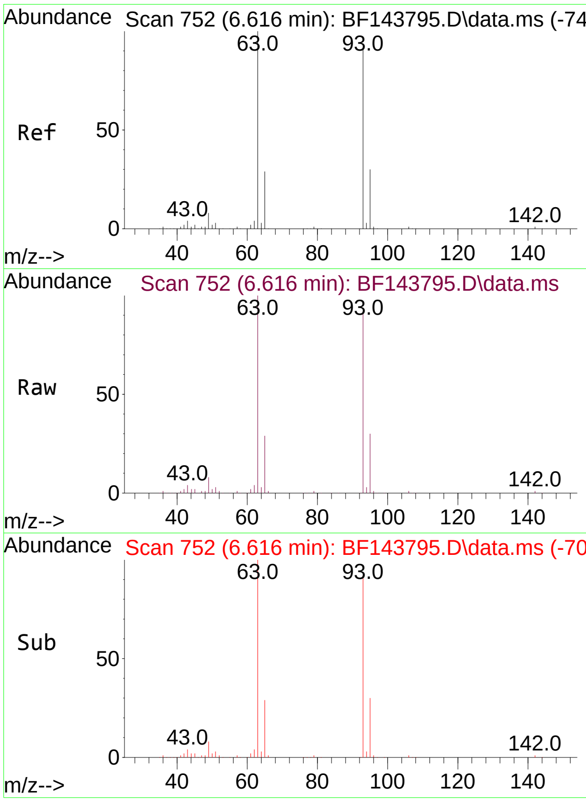


#10
Phenol
Concen: 42.282 ng m
RT: 6.516 min Scan# 735
Delta R.T. -0.012 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion: 94 Resp: 396049

Ion	Ratio	Lower	Upper
94	100		
65	34.2	14.2	54.2
66	44.1	24.1	64.1

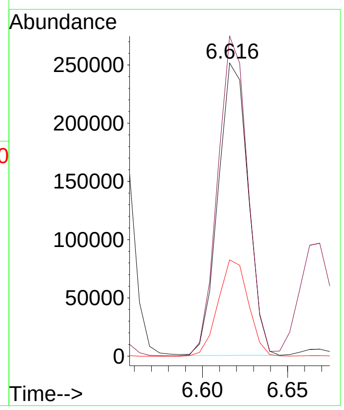




#11
bis(2-Chloroethyl)ether
Concen: 42.197 ng
RT: 6.616 min Scan# 75
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion: 93 Resp: 309829

Ion	Ratio	Lower	Upper
93	100		
63	109.2	89.2	129.2
95	32.9	12.9	52.9



Instrument :
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ClientSampleId :
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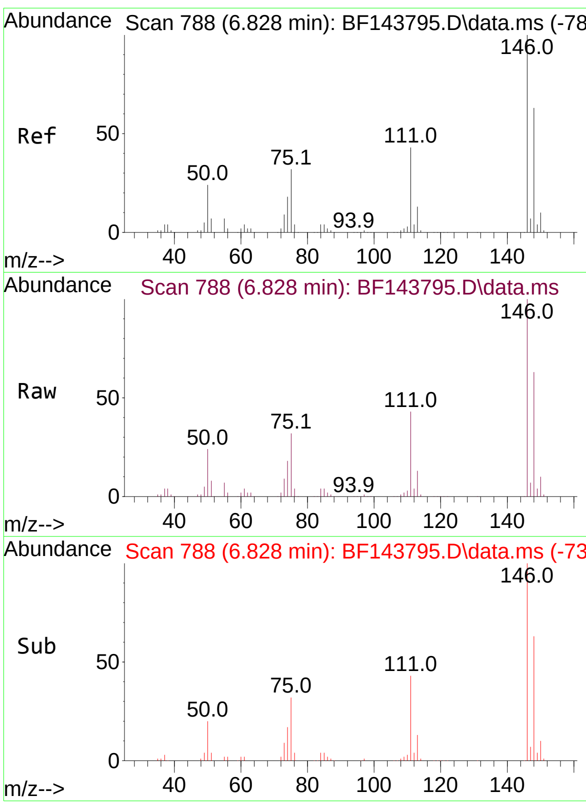
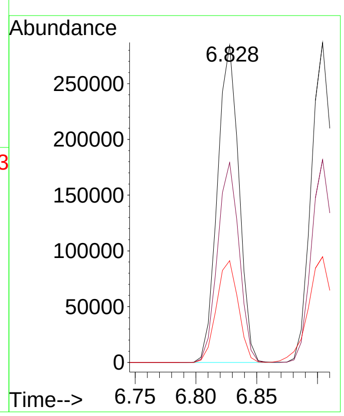
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18



#12
1,3-Dichlorobenzene
Concen: 42.220 ng
RT: 6.828 min Scan# 788
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:146 Resp: 350005

Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.4	75.6
75	32.0	25.6	38.4



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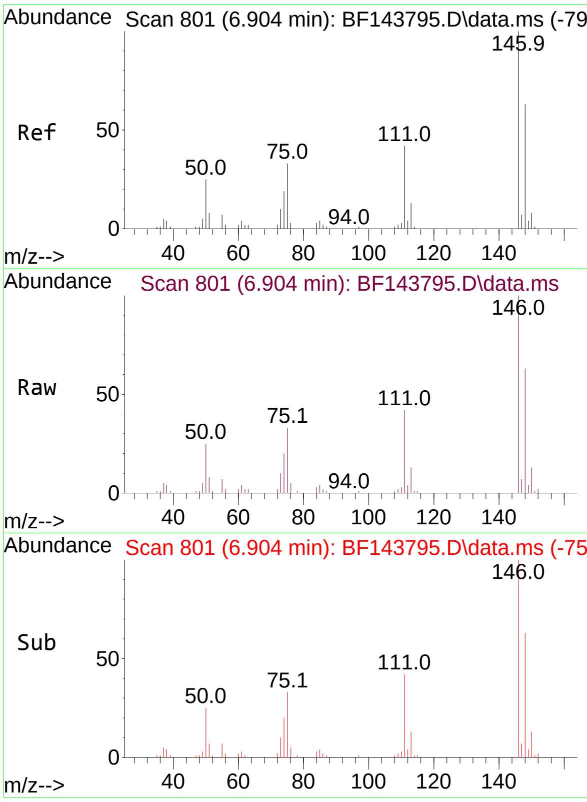
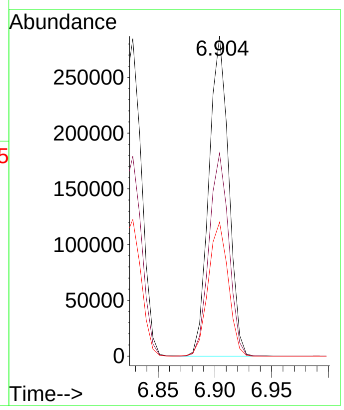
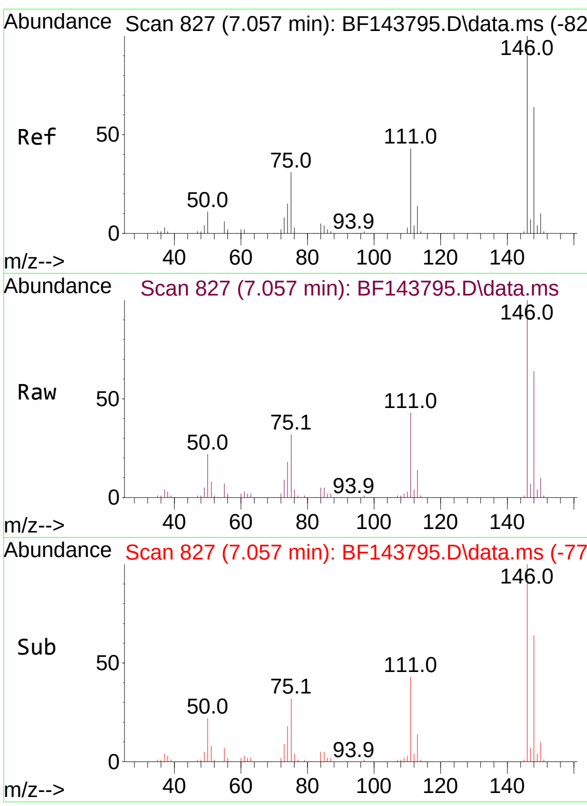


#13
1,4-Dichlorobenzene
Concen: 42.092 ng
RT: 6.904 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:146 Resp: 34823

Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.7	76.1
111	41.8	33.4	50.2

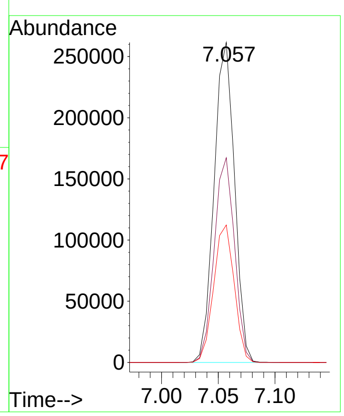




#14
1,2-Dichlorobenzene
Concen: 41.922 ng
RT: 7.057 min Scan# 827
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:146 Resp: 328481

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.1	76.7
111	42.9	34.3	51.5



Instrument :
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ClientSampleId :
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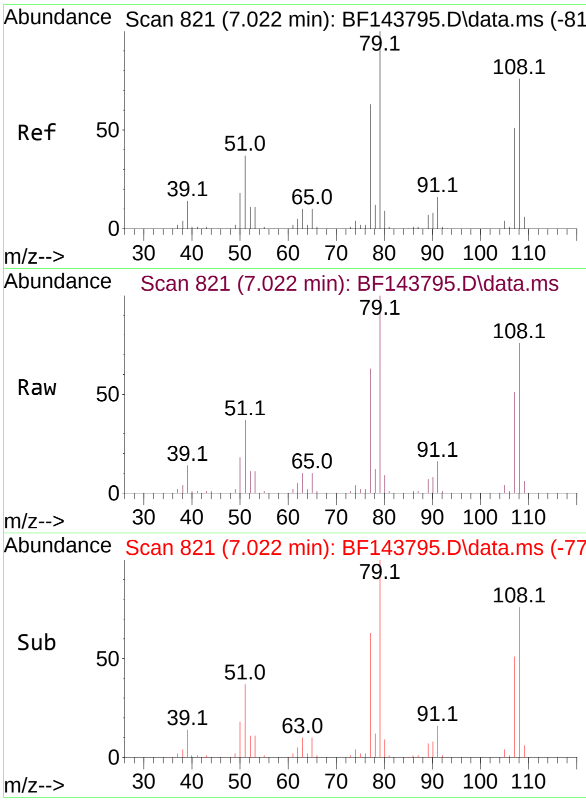
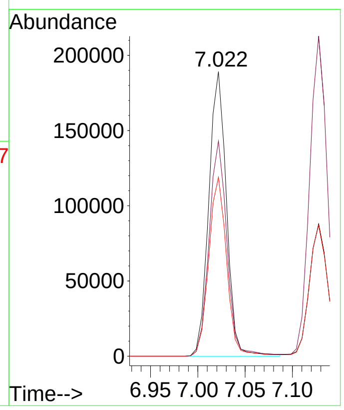
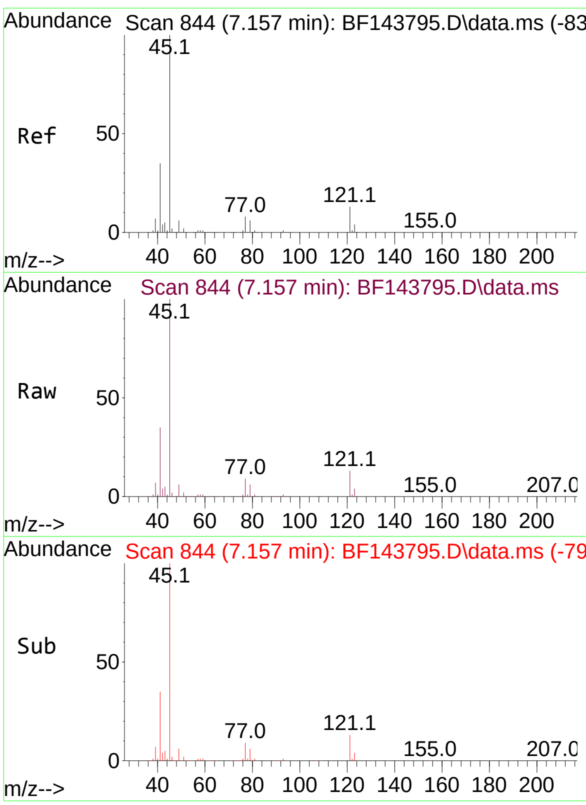


#15
Benzyl Alcohol
Concen: 42.340 ng
RT: 7.022 min Scan# 82
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion: 79 Resp: 24653

Ion	Ratio	Lower	Upper
79	100		
108	75.6	60.5	90.7
77	62.9	50.3	75.5

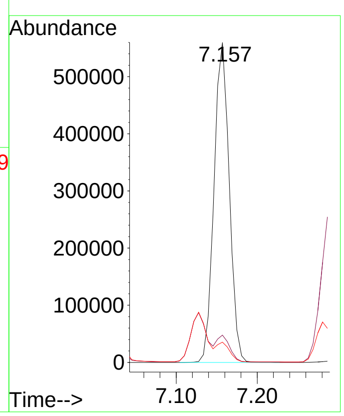


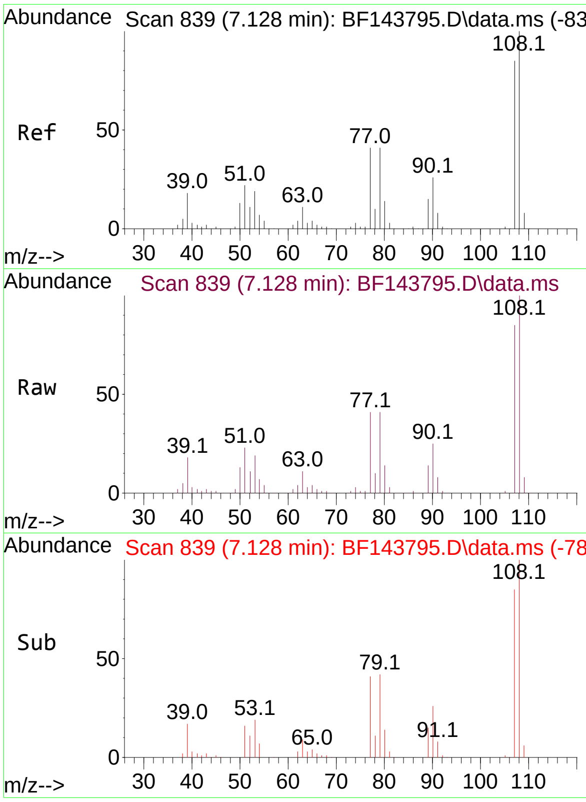


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.058 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion: 45 Resp: 732266

Ion	Ratio	Lower	Upper
45	100		
77	8.5	0.0	28.5
79	6.3	0.0	26.3

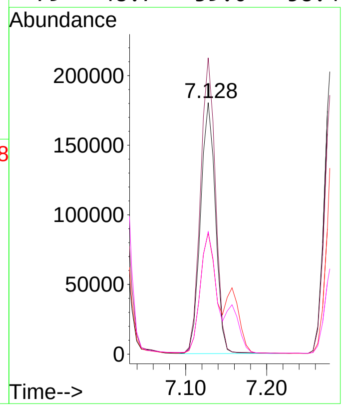




#17
2-Methylphenol
Concen: 41.866 ng
RT: 7.128 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:107 Resp: 23142

Ion	Ratio	Lower	Upper
107	100		
108	117.8	94.2	141.4
77	48.3	38.6	58.0
79	48.7	39.0	58.4



Instrument :
BNA_F
ClientSampleId :
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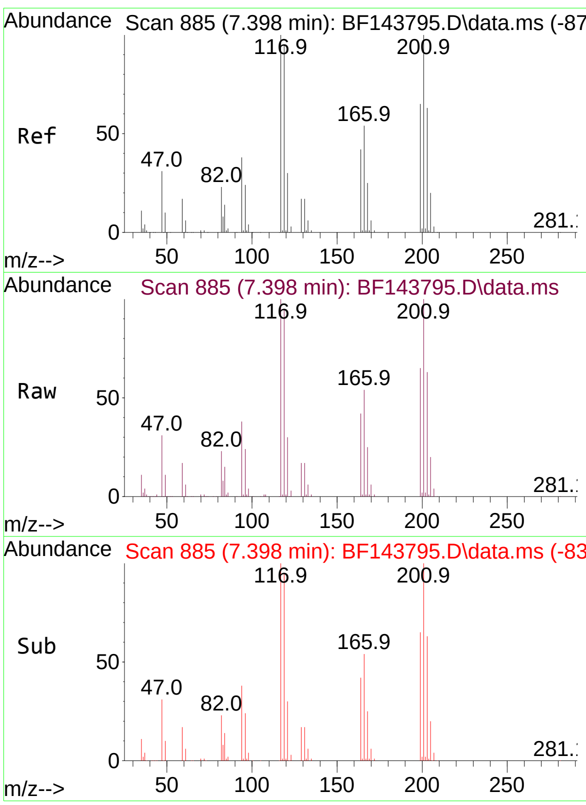
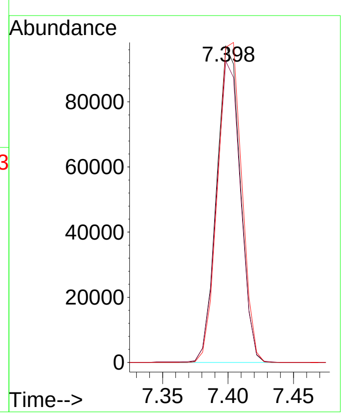


#18
Hexachloroethane
Concen: 42.290 ng
RT: 7.398 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:117 Resp: 123042

Ion	Ratio	Lower	Upper
117	100		
119	95.2	76.2	114.2
201	99.6	79.7	119.5



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

Instrument : BNA_F
ClientSampleId : SSTDICCC040

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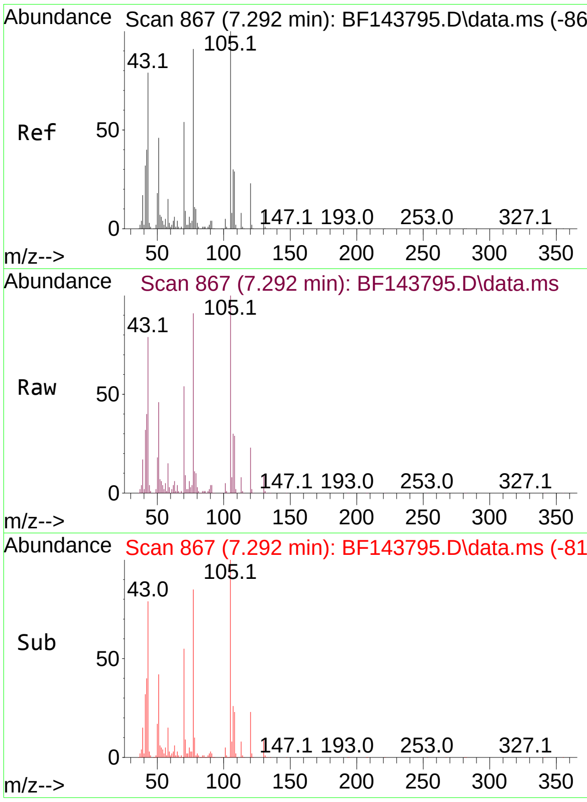
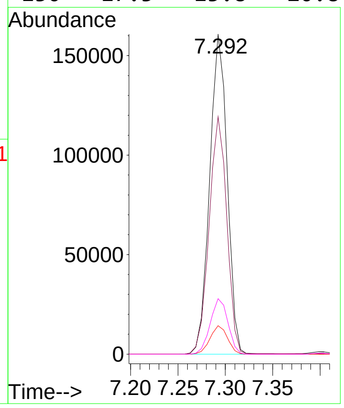
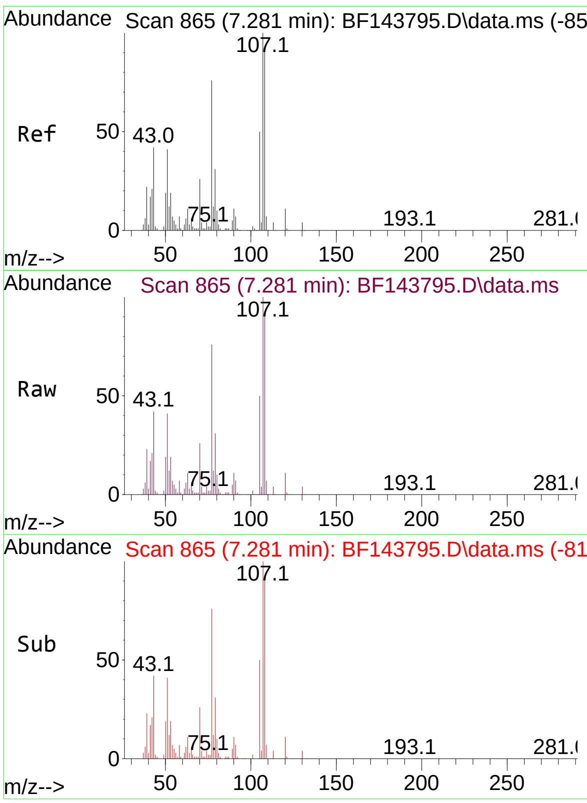


#19
n-Nitroso-di-n-propylamine
Concen: 39.992 ng
RT: 7.292 min Scan# 86
Delta R.T. -0.012 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion: 70 Resp: 207240

Ion	Ratio	Lower	Upper
70	100		
42	74.2	59.4	89.0
101	8.9	7.1	10.7
130	17.3	13.8	20.8

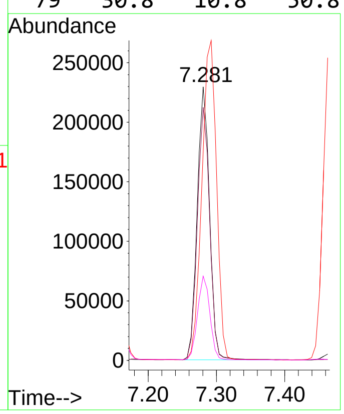


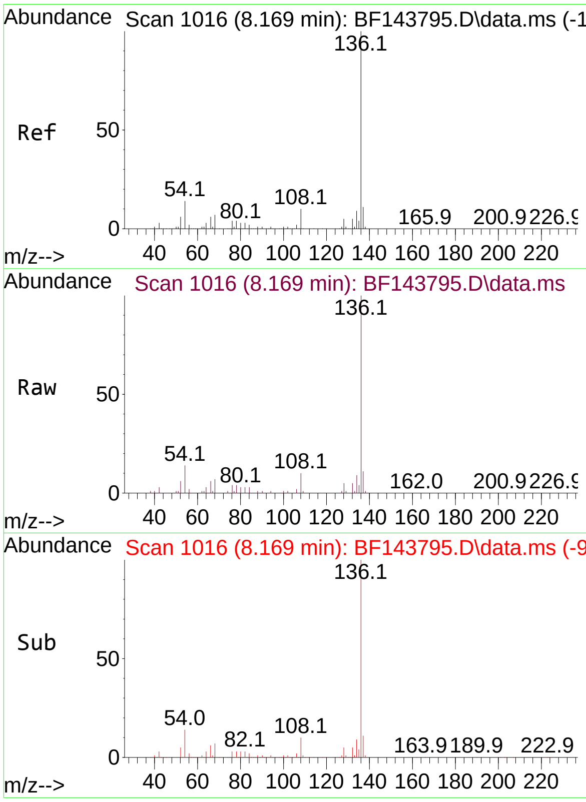


#20
3+4-Methylphenols
Concen: 42.795 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:107 Resp: 288081

Ion	Ratio	Lower	Upper
107	100		
108	92.5	72.5	112.5
77	76.2	56.2	96.2
79	30.8	10.8	50.8

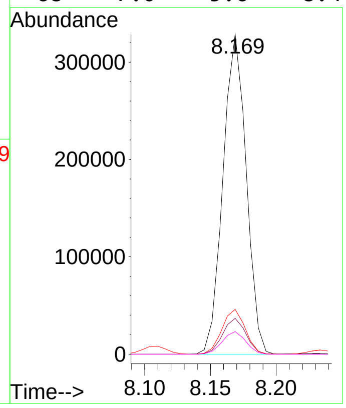




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min   Scan# 1
Delta R.T.   -0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025   13:59

Tgt Ion:136 Resp: 40591

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	14.0	11.2	16.8
68	7.0	5.6	8.4



Instrument :
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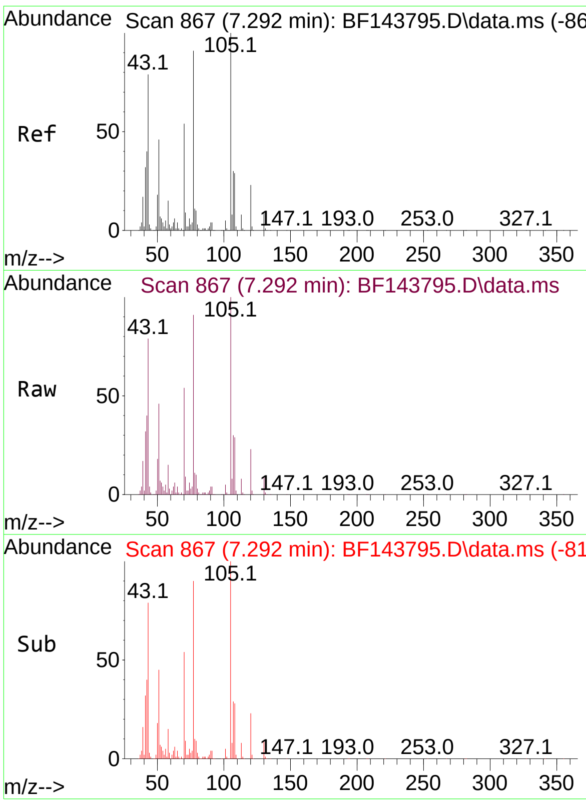
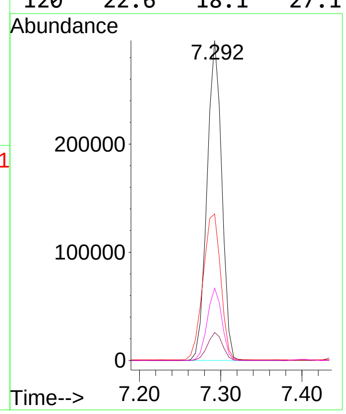
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

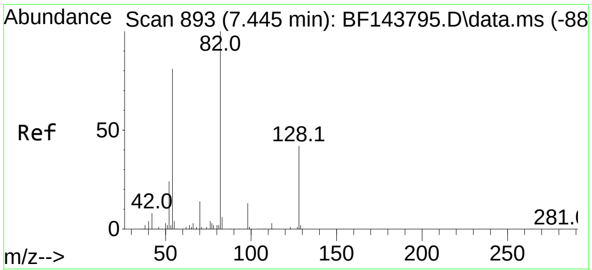


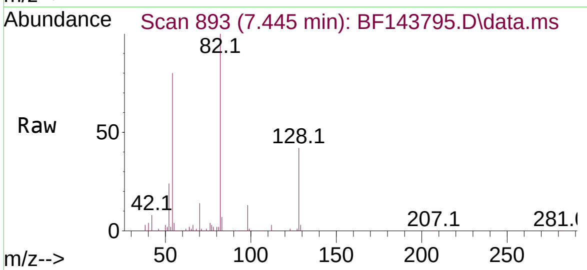
#22
Acetophenone
Concen: 42.128 ng
RT: 7.292 min   Scan# 867
Delta R.T.   -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025   13:59

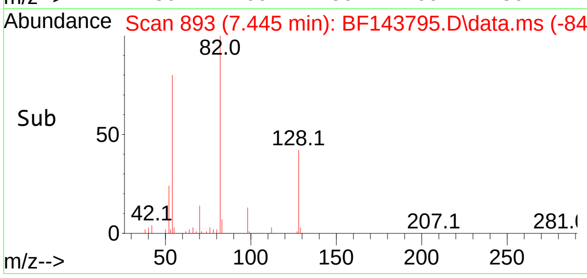
Tgt Ion:105 Resp: 375588

Ion	Ratio	Lower	Upper
105	100		
71	8.7	7.0	10.4
51	45.8	36.6	55.0
120	22.6	18.1	27.1





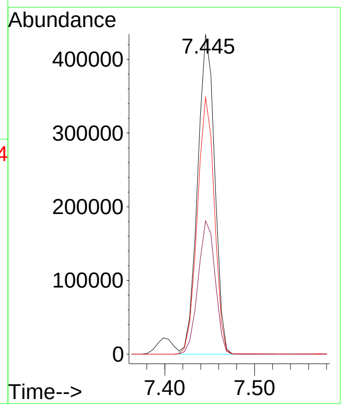




#23
Nitrobenzene-d5
Concen: 88.897 ng
RT: 7.445 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion: 82 Resp: 57338

Ion	Ratio	Lower	Upper
82	100		
128	41.6	33.3	49.9
54	80.3	64.2	96.4



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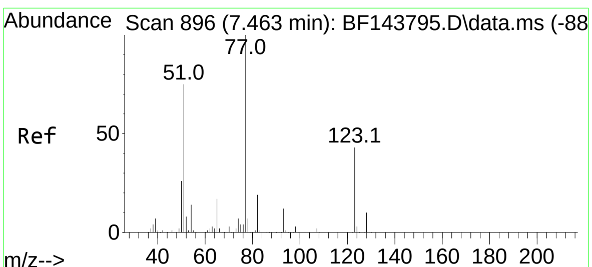
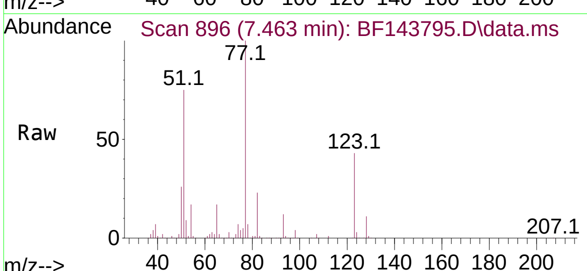
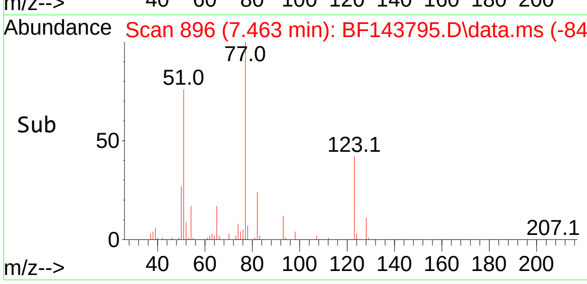


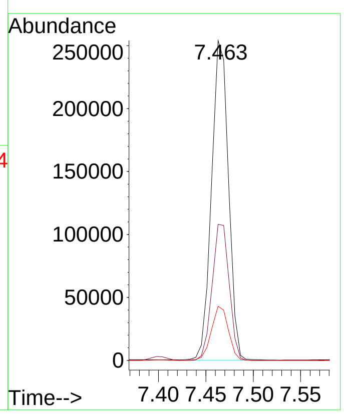


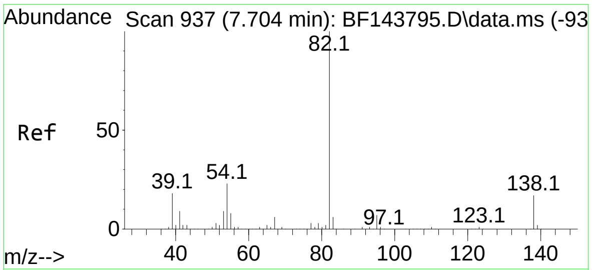


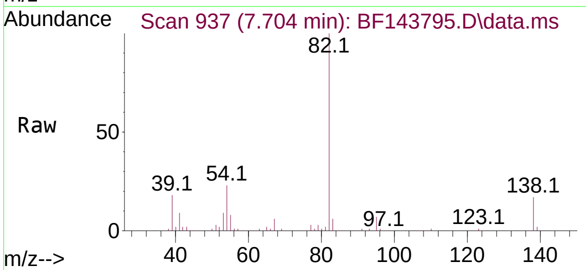
#24
Nitrobenzene
Concen: 42.939 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

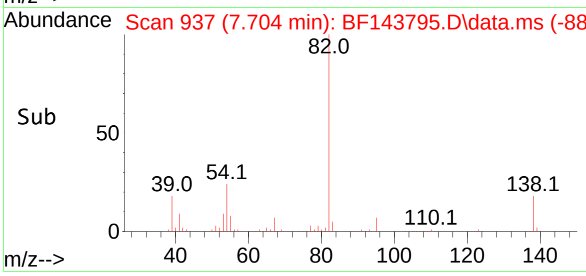
Tgt Ion: 77 Resp: 315613

Ion	Ratio	Lower	Upper
77	100		
123	42.5	34.0	51.0
65	16.9	13.5	20.3





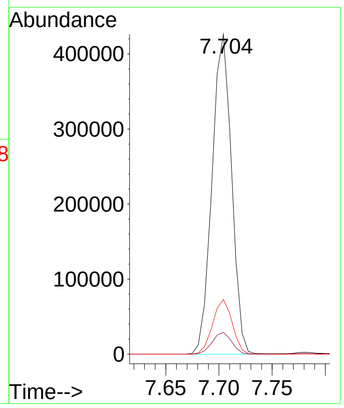




#25
Isophorone
Concen: 42.269 ng
RT: 7.704 min   Scan# 9
Delta R.T.   -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025   13:59

Tgt Ion: 82 Resp: 54621

Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.4	8.2
138	17.1	13.7	20.5



Instrument :
BNA_F
ClientSampleId :
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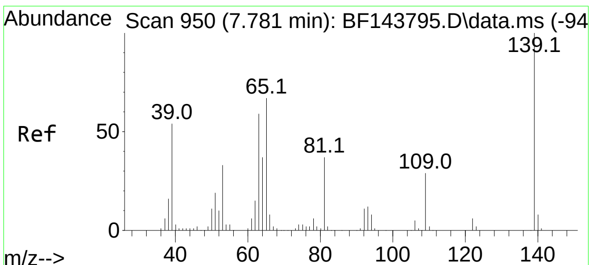
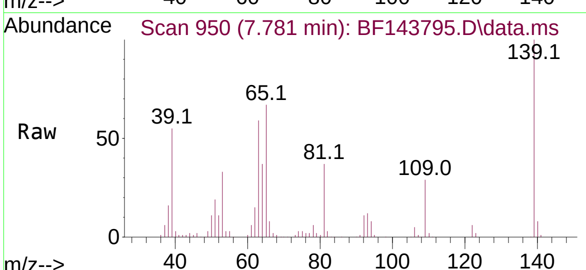
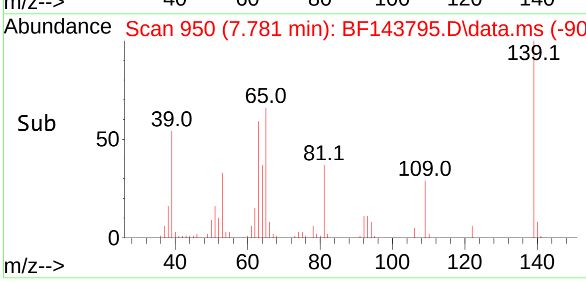


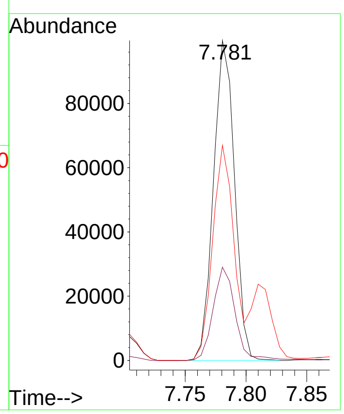




#26
2-Nitrophenol
Concen: 40.347 ng
RT: 7.781 min   Scan# 950
Delta R.T.   -0.005 min
Lab File: BF143795.D
Acq: 23 Sep 2025   13:59

Tgt Ion:139 Resp: 120369

Ion	Ratio	Lower	Upper
139	100		
109	29.1	23.3	34.9
65	67.2	53.8	80.6



Instrument :
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ClientSampleId :
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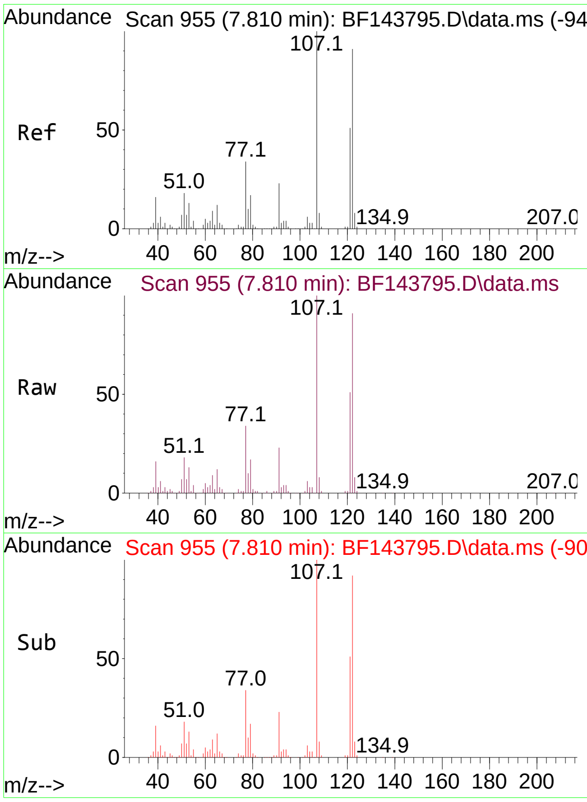
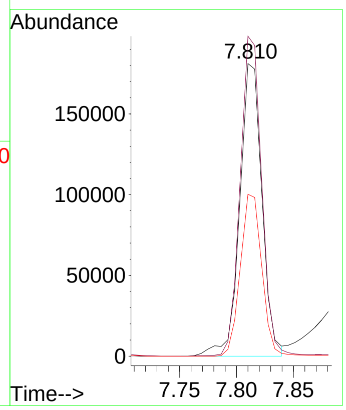
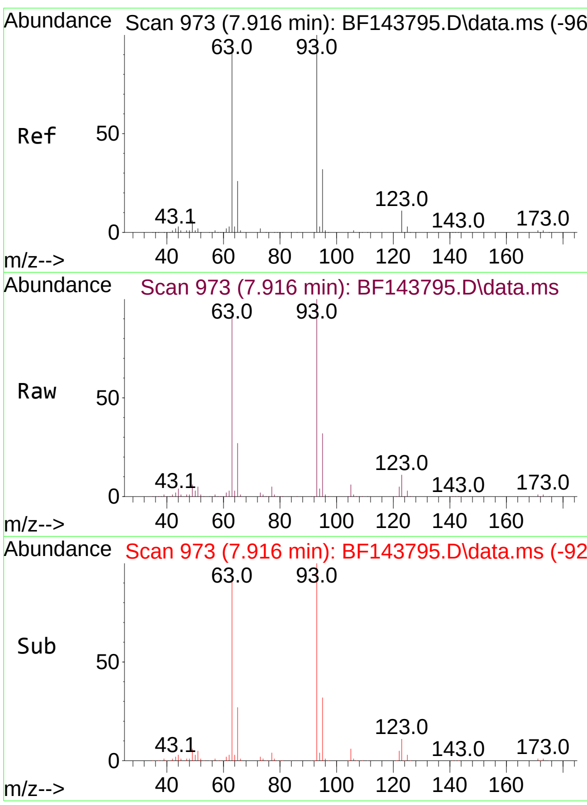


#27
2,4-Dimethylphenol
Concen: 42.648 ng
RT: 7.810 min Scan# 95
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:122 Resp: 246324

Ion	Ratio	Lower	Upper
122	100		
107	109.4	87.5	131.3
121	55.3	44.2	66.4

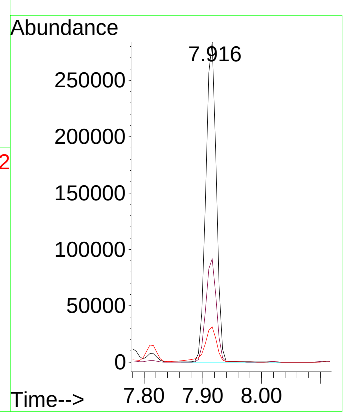




#28
bis(2-Chloroethoxy)methane
Concen: 42.213 ng
RT: 7.916 min Scan# 973
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion: 93 Resp: 354402

Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.8	38.8
123	11.0	8.8	13.2



Instrument :
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ClientSampleId :
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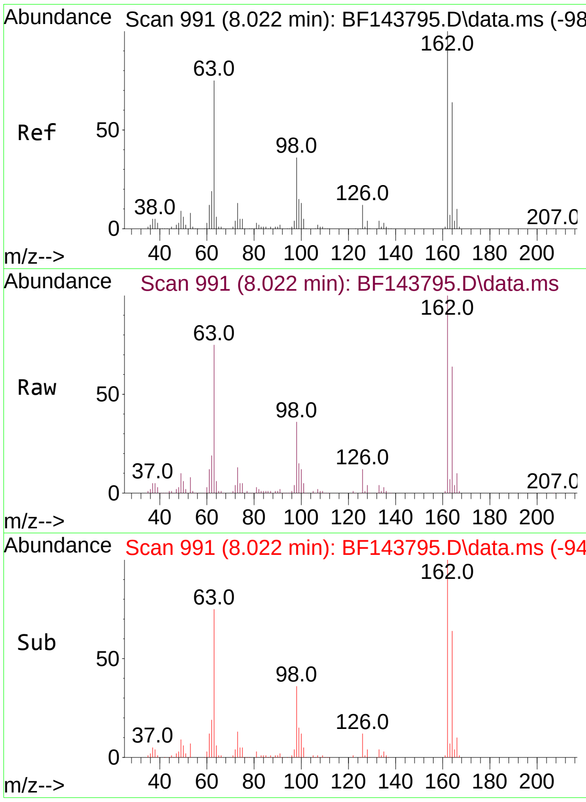
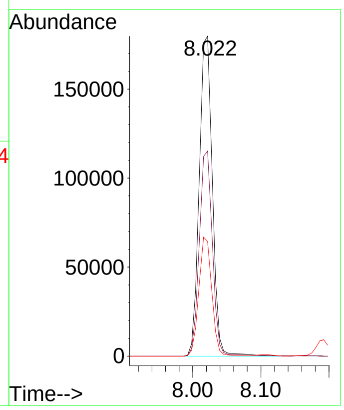
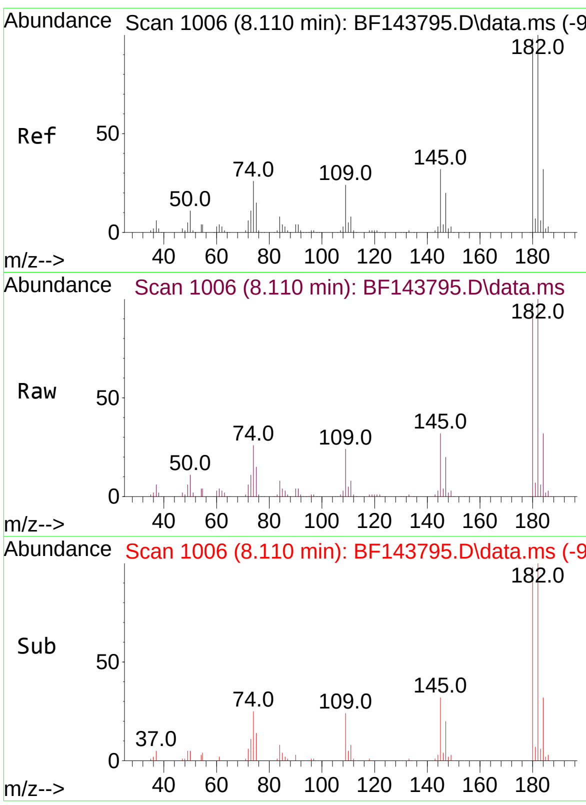


#29
2,4-Dichlorophenol
Concen: 42.587 ng
RT: 8.022 min Scan# 99
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:162 Resp: 24203

Ion	Ratio	Lower	Upper
162	100		
164	64.1	44.1	84.1
98	35.8	15.8	55.8

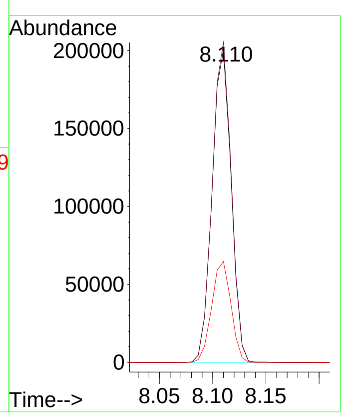


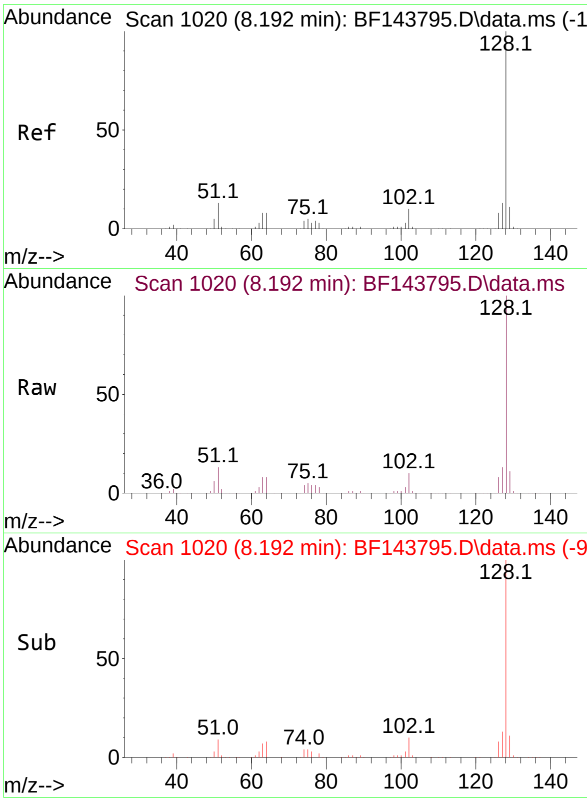


#30
1,2,4-Trichlorobenzene
Concen: 42.554 ng
RT: 8.110 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:180 Resp: 250976

Ion	Ratio	Lower	Upper
180	100		
182	102.5	82.0	123.0
145	32.4	25.9	38.9

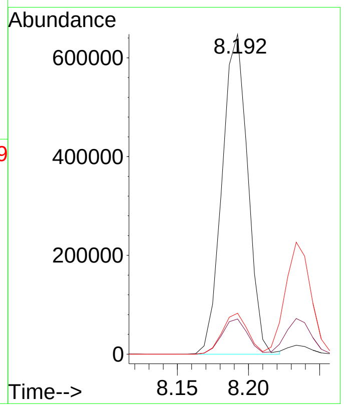




#31
Naphthalene
Concen: 41.894 ng
RT: 8.192 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:128 Resp: 81406

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	12.8	10.2	15.4



Instrument :
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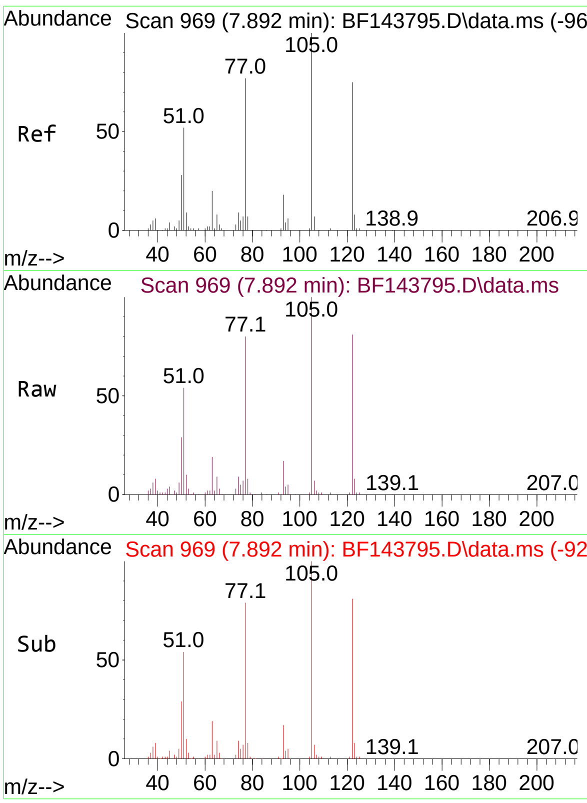
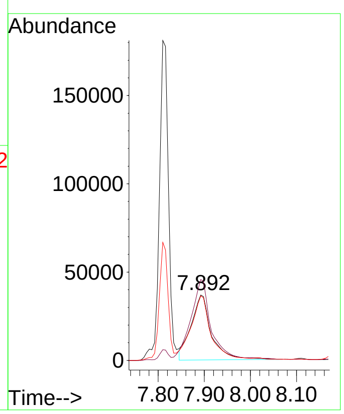


#32
Benzoic acid
Concen: 40.921 ng
RT: 7.892 min Scan# 969
Delta R.T. -0.029 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:122 Resp: 114033

Ion	Ratio	Lower	Upper
122	100		
105	123.7	103.7	143.7
77	98.8	78.8	118.8



Instrument :
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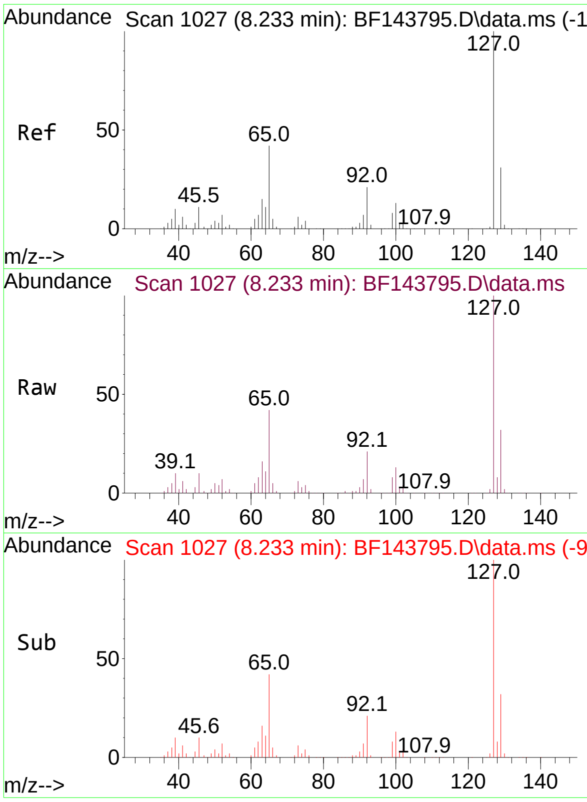
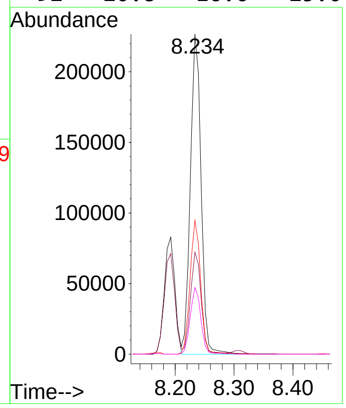
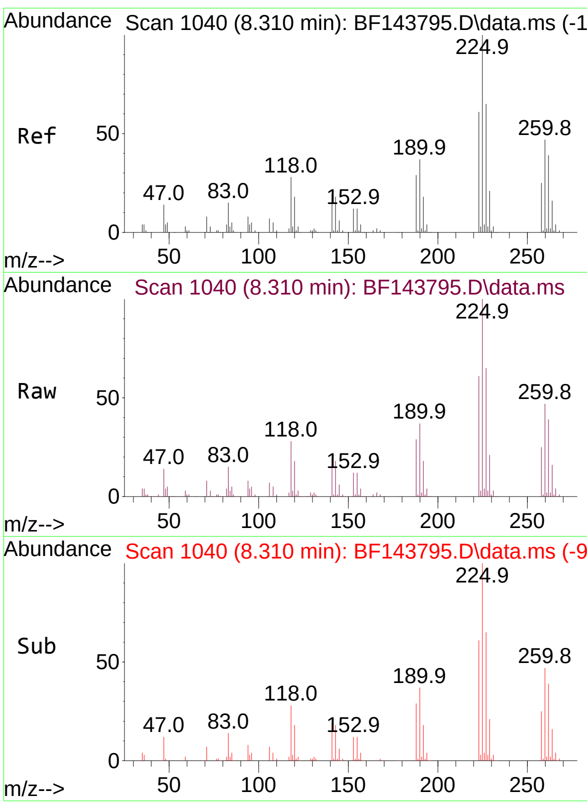
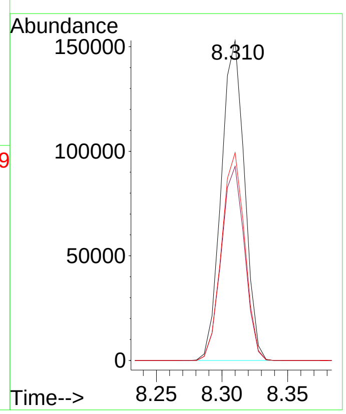


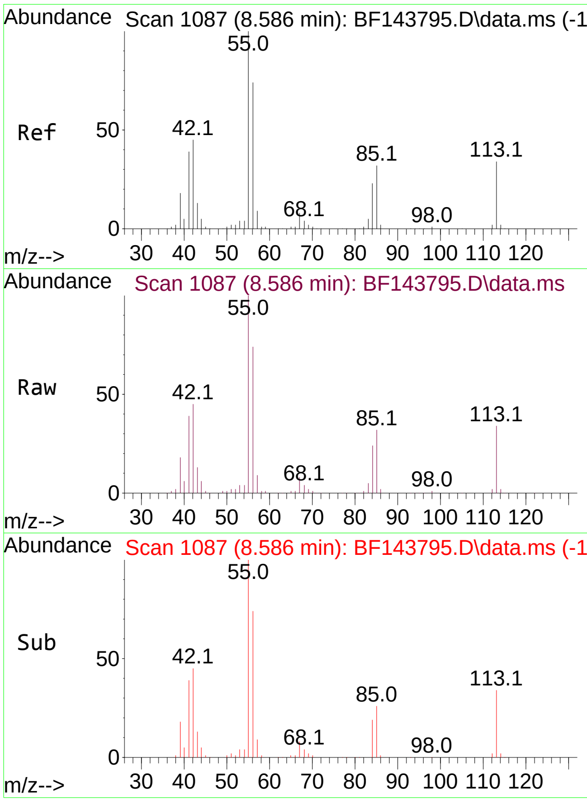

```
#33
4-Chloroaniline
Concen:    42.217 ng
RT:    8.233 min   Scan# 10
Delta R.T.   -0.006 min
Lab File:    BF143795.D
Acq: 23 Sep 2025   13:59

Tgt Ion:127 Resp:   28828
Ion   Ratio   Lower   Upper
127   100
129    31.8    25.4    38.2
 65    41.8    33.4    50.2
 92    20.8    16.6    25.0
```






```
#34
Hexachlorobutadiene
Concen:    42.957 ng
RT:    8.310 min   Scan# 1040
Delta R.T.   0.000 min
Lab File:    BF143795.D
Acq: 23 Sep 2025   13:59

Tgt Ion:225 Resp:   188867
Ion   Ratio   Lower   Upper
225   100
223    60.7    48.6    72.8
227    64.9    51.9    77.9
```





#35
Caprolactam
Concen: 41.712 ng
RT: 8.586 min Scan# 1(
Delta R.T. -0.024 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:113 Resp: 60592

Ion	Ratio	Lower	Upper
113	100		
55	291.7	271.7	311.7
56	214.5	194.5	234.5

Instrument :
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ClientSampleId :
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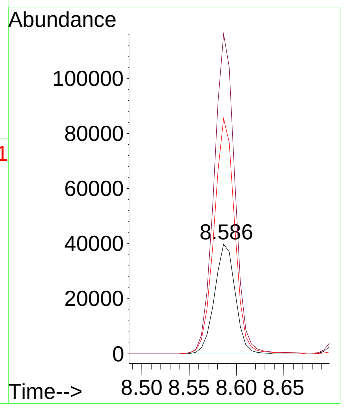
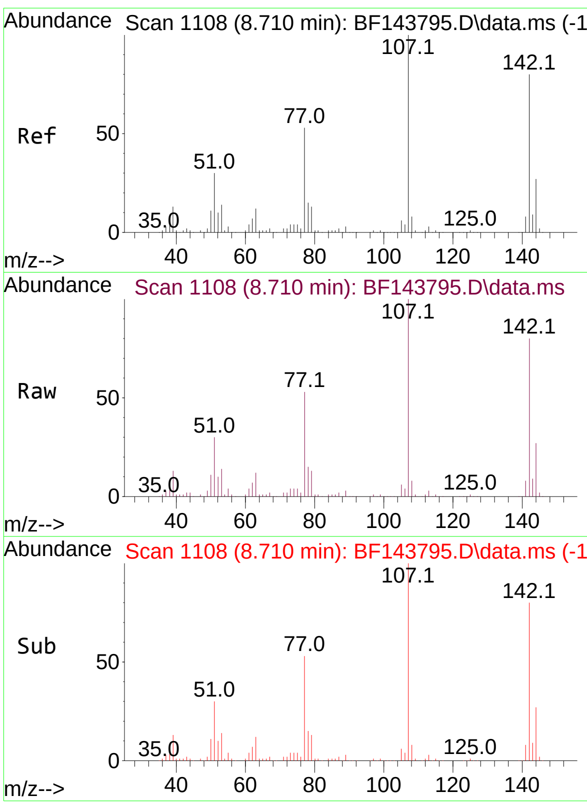
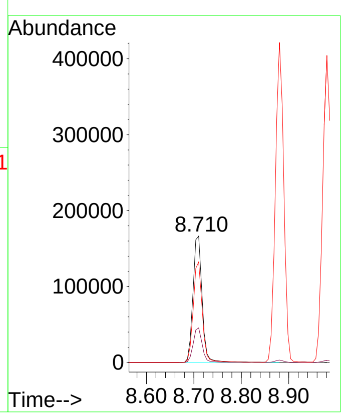


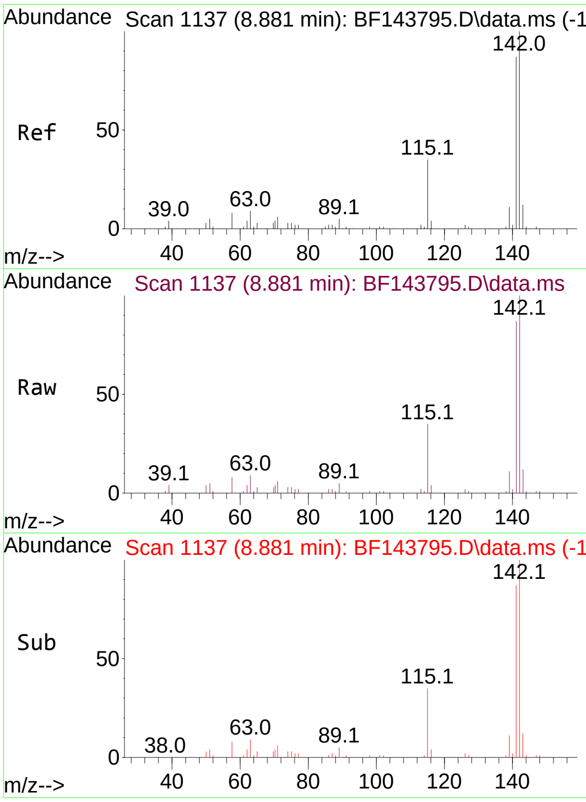


#36
4-Chloro-3-methylphenol
Concen: 42.051 ng
RT: 8.710 min Scan# 1108
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:107 Resp: 224136

Ion	Ratio	Lower	Upper
107	100		
144	27.3	21.8	32.8
142	79.5	63.6	95.4





#37
2-Methylnaphthalene
Concen: 41.614 ng
RT: 8.881 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:142 Resp: 51561(

Ion	Ratio	Lower	Upper
142	100		
141	86.7	69.4	104.0

Instrument :
BNA_F
ClientSampleId :
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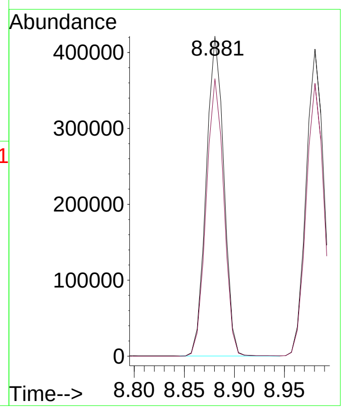

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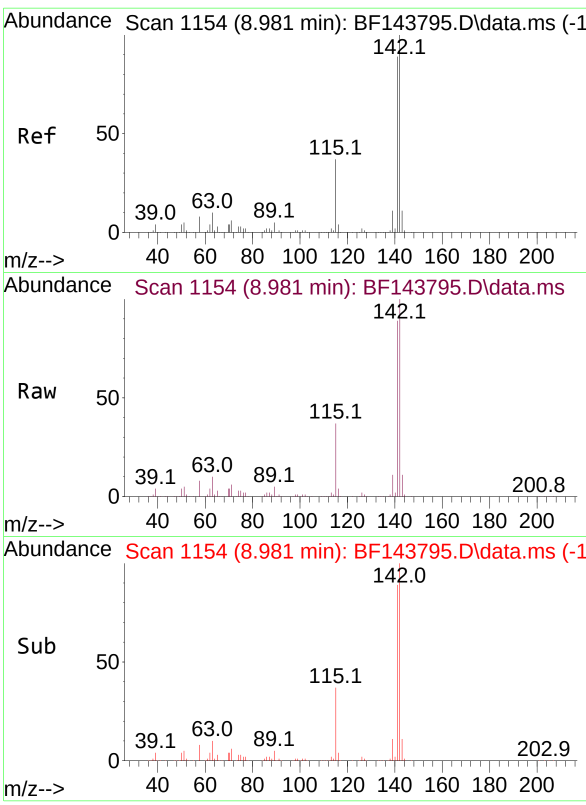
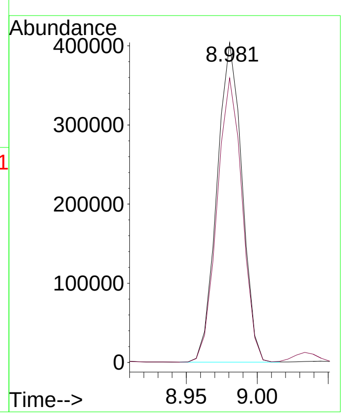
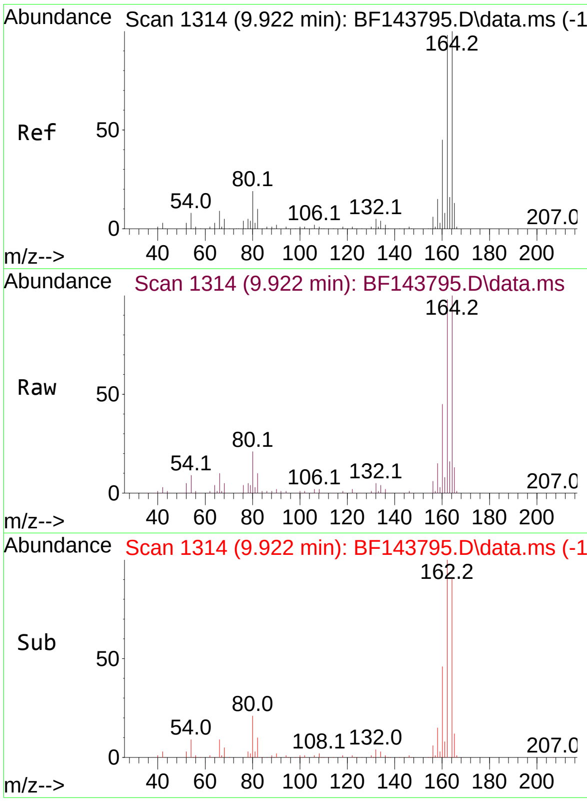


#38
1-Methylnaphthalene
Concen: 41.901 ng
RT: 8.981 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:142 Resp: 496939

Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.1	106.7

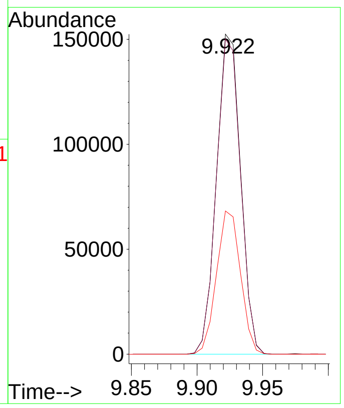




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:164 Resp: 195477

Ion	Ratio	Lower	Upper
164	100		
162	98.5	78.8	118.2
160	44.7	35.8	53.6



Instrument :
BNA_F
ClientSampleId :
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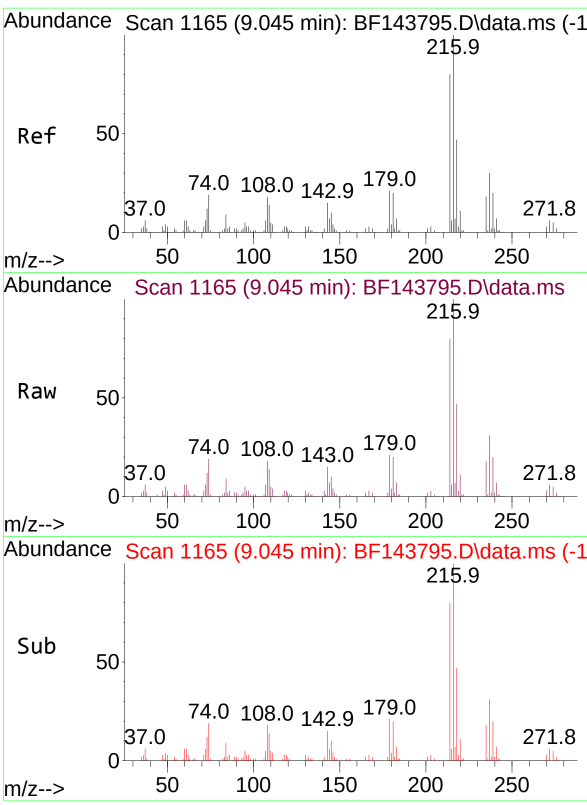
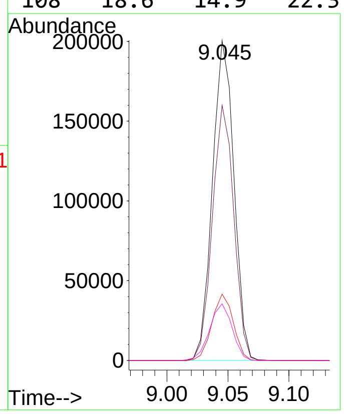
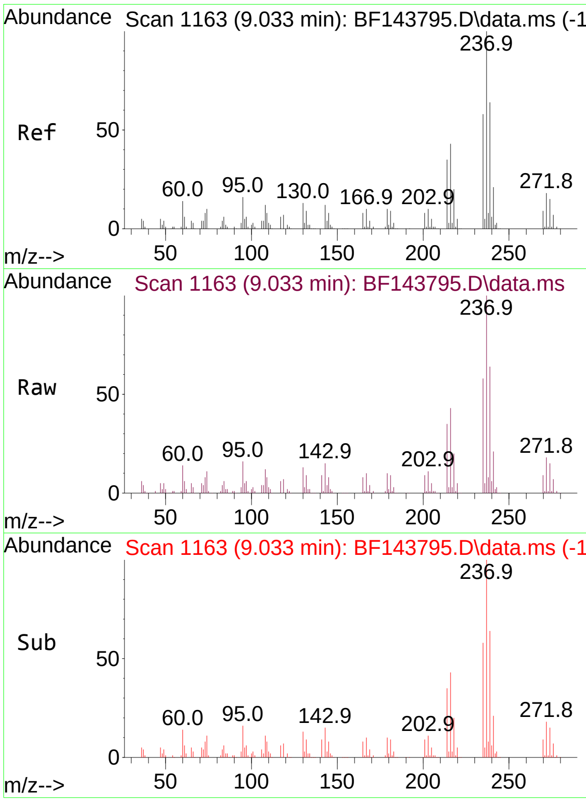


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.605 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:216 Resp: 245432

Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.7	95.5
179	20.6	16.5	24.7
108	18.6	14.9	22.3





#41
Hexachlorocyclopentadiene
Concen: 43.733 ng
RT: 9.033 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Instrument : BNA_F
ClientSampleId : SSTDICCC040

Tgt Ion:237 Resp: 16350

Ion	Ratio	Lower	Upper
237	100		
235	58.1	38.1	78.1
272	17.9	0.0	37.9

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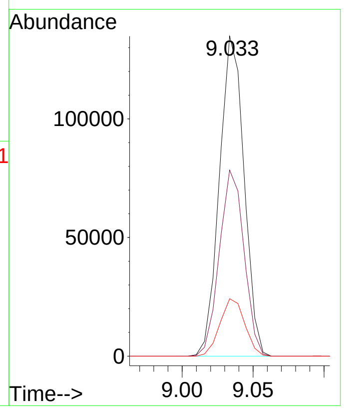
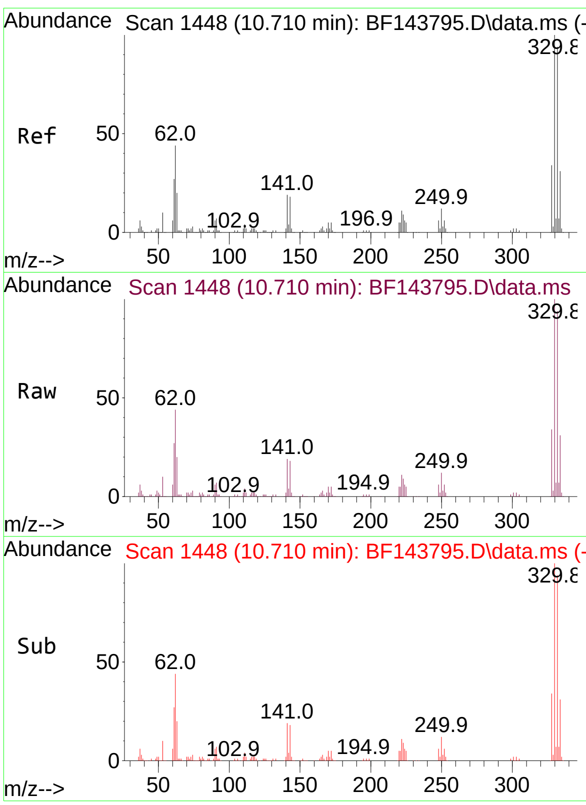
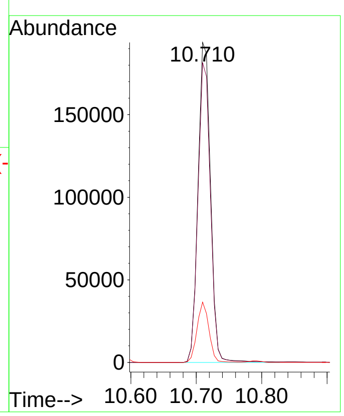




#42
2,4,6-Tribromophenol
Concen: 91.848 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:330 Resp: 256232

Ion	Ratio	Lower	Upper
330	100		
332	93.4	74.7	112.1
141	17.9	14.3	21.5



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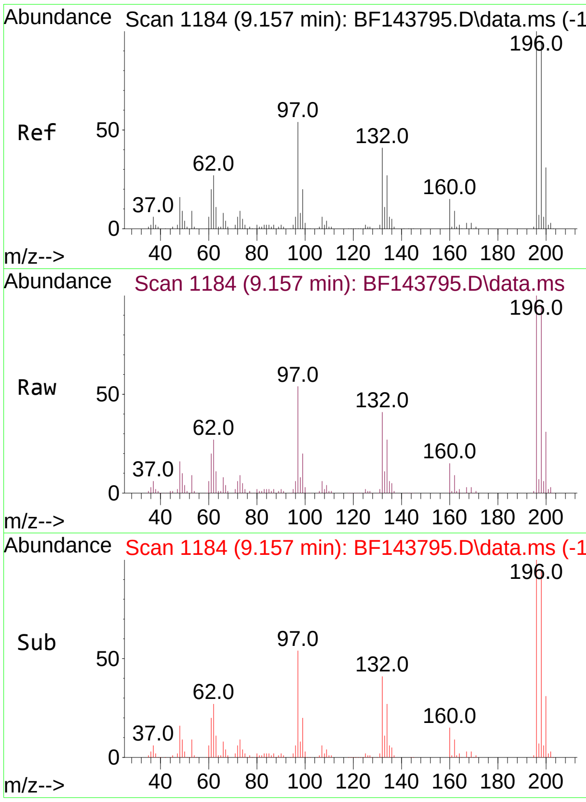

#43
2,4,6-Trichlorophenol
Concen: 44.620 ng
RT: 9.157 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Instrument :
BNA_F
ClientSampleId :
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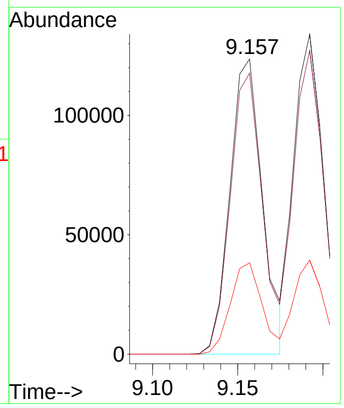
Tgt Ion:196 Resp: 16481

Ion	Ratio	Lower	Upper
196	100		
198	95.2	76.2	114.2
200	30.9	24.7	37.1



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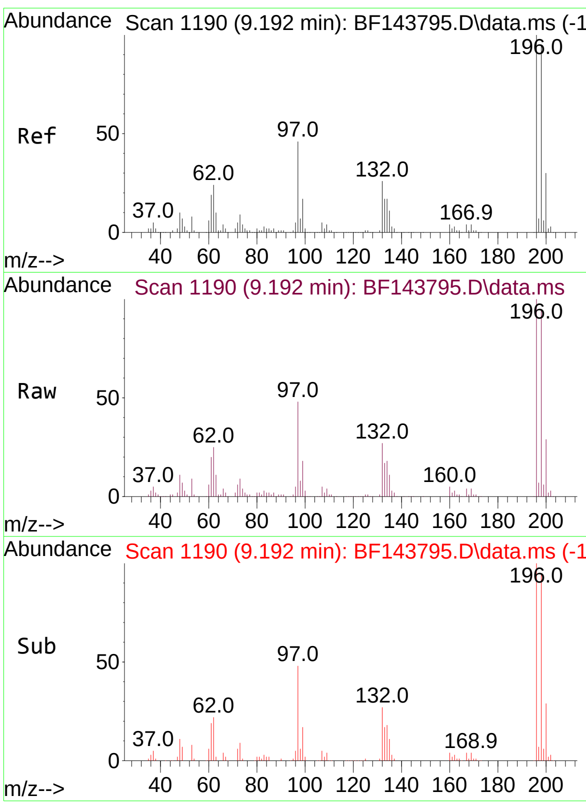
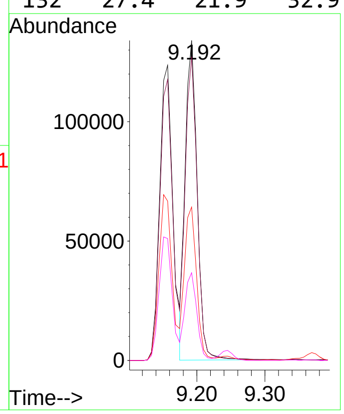


#44
2,4,5-Trichlorophenol
Concen: 42.801 ng
RT: 9.192 min Scan# 1190
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:196 Resp: 165369

Ion	Ratio	Lower	Upper
196	100		
198	94.9	75.9	113.9
97	47.9	38.3	57.5
132	27.4	21.9	32.9



Instrument :
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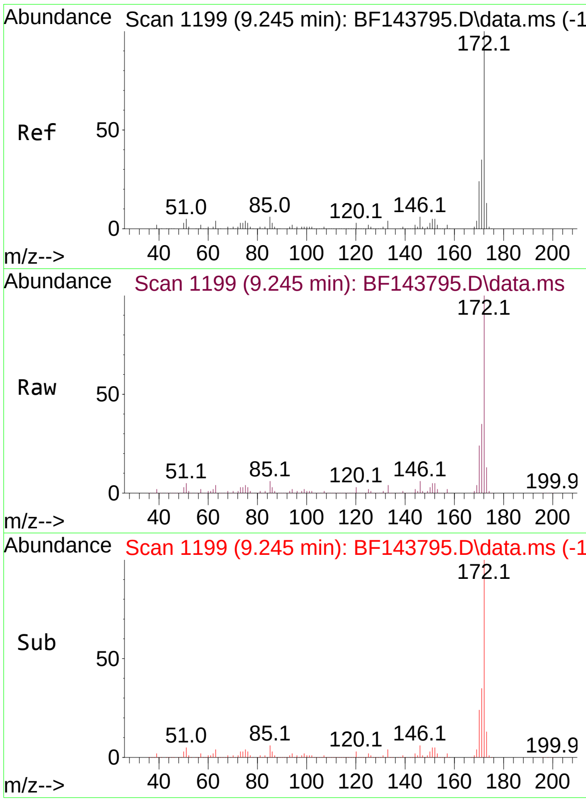
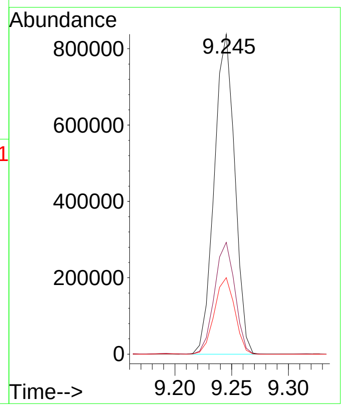
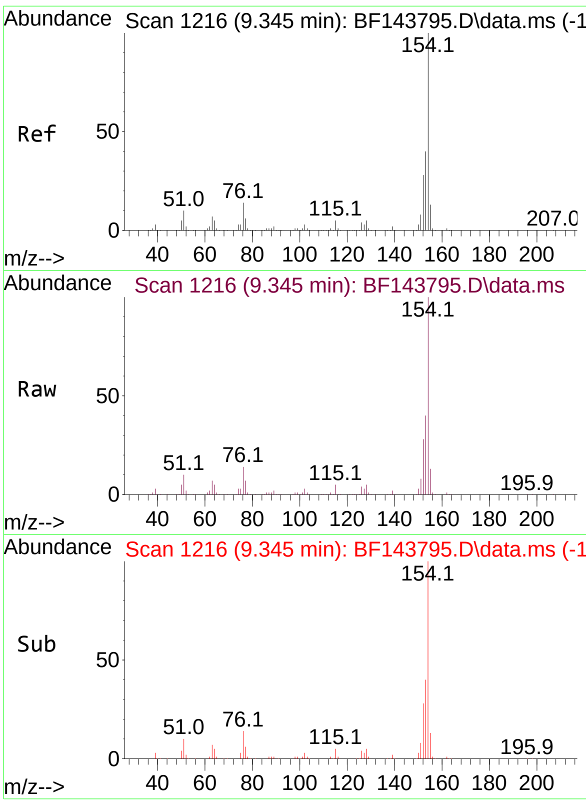


#45
2-Fluorobiphenyl
Concen: 79.854 ng
RT: 9.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:172 Resp: 105629

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.9	41.9
170	23.9	19.1	28.7

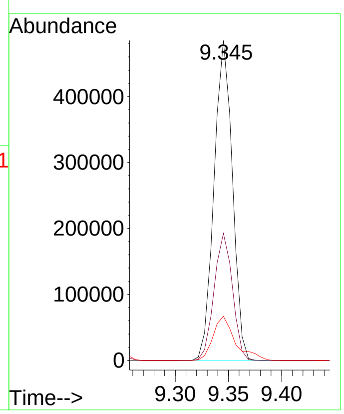




#46
1,1'-Biphenyl
Concen: 41.309 ng
RT: 9.345 min Scan# 1216
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:154 Resp: 584522

Ion	Ratio	Lower	Upper
154	100		
153	39.7	19.7	59.7
76	13.8	0.0	33.8



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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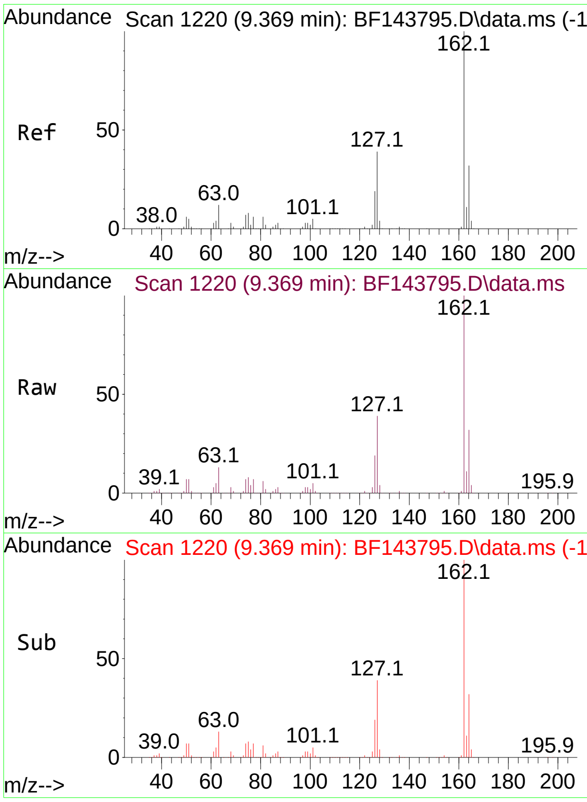
Supervised By :Jagrut Upadhyay 09/24/2025

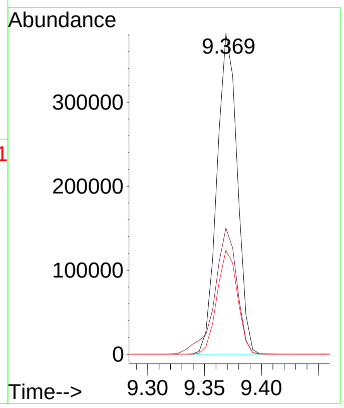
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

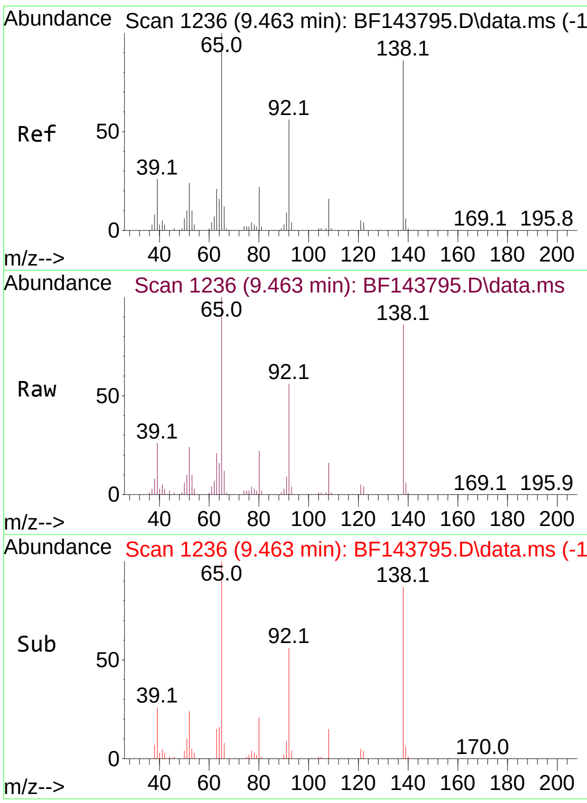


#47
2-Chloronaphthalene
Concen: 41.694 ng
RT: 9.369 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:162 Resp: 474899

Ion	Ratio	Lower	Upper
162	100		
127	39.4	31.5	47.3
164	32.4	25.9	38.9

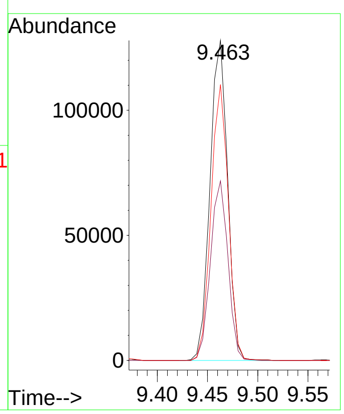


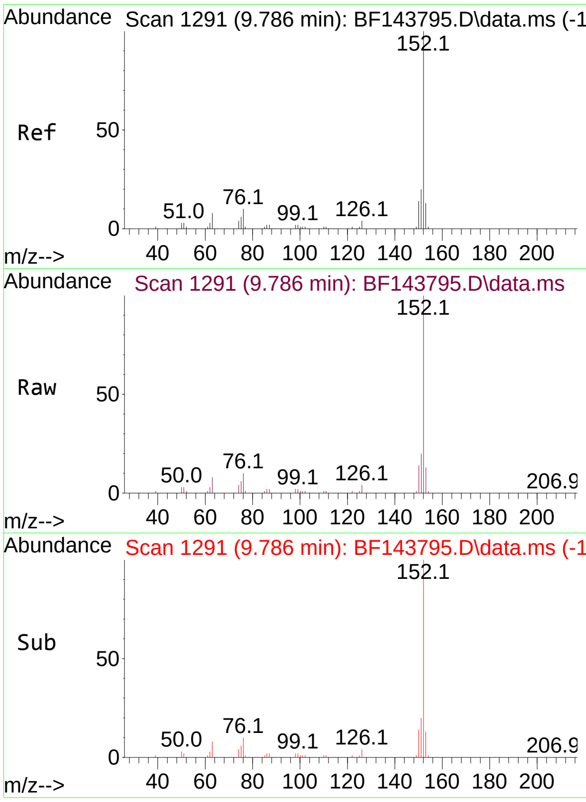


#48
2-Nitroaniline
Concen: 45.383 ng
RT: 9.463 min Scan# 1236
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion: 65 Resp: 156231

Ion	Ratio	Lower	Upper
65	100		
92	56.1	44.9	67.3
138	86.2	69.0	103.4





#49
Acenaphthylene
Concen: 42.150 ng
RT: 9.786 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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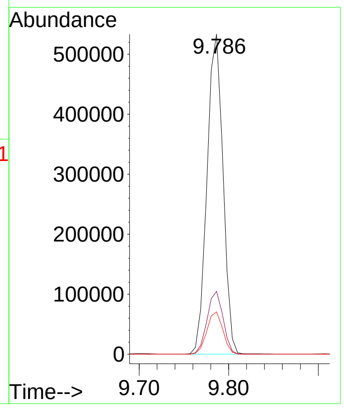
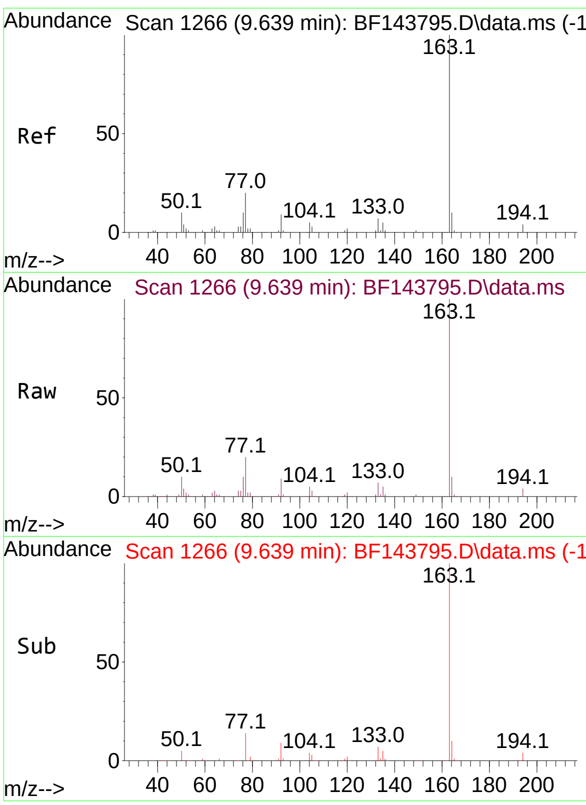
Tgt Ion:152 Resp: 66092

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	13.2	10.6	15.8

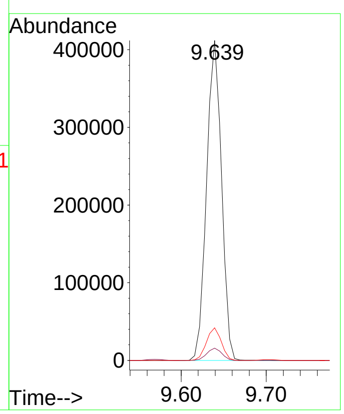




#50
Dimethylphthalate
Concen: 42.186 ng
RT: 9.639 min Scan# 1266
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:163 Resp: 502623

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	10.2	8.2	12.2



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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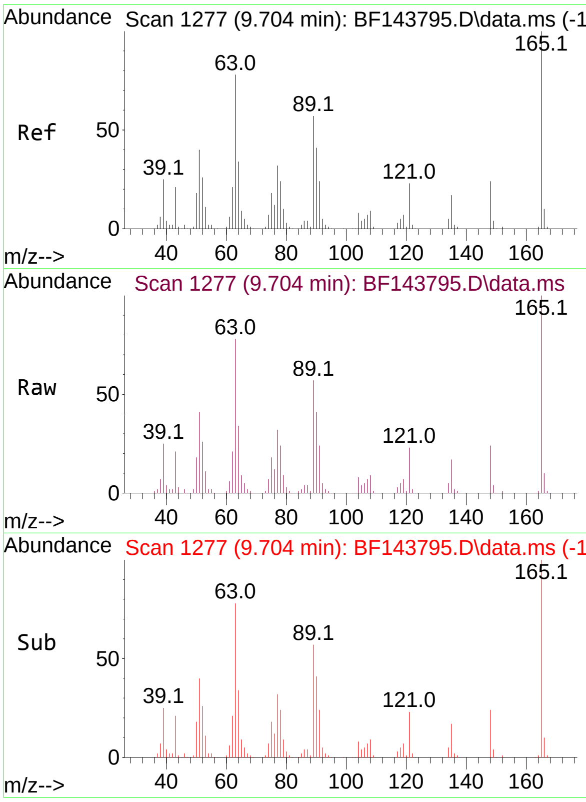
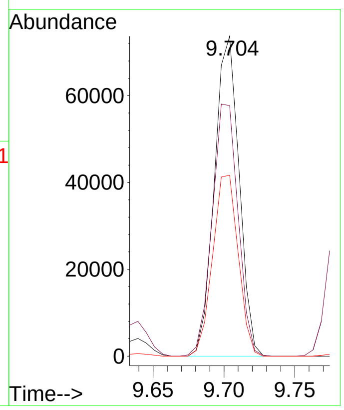
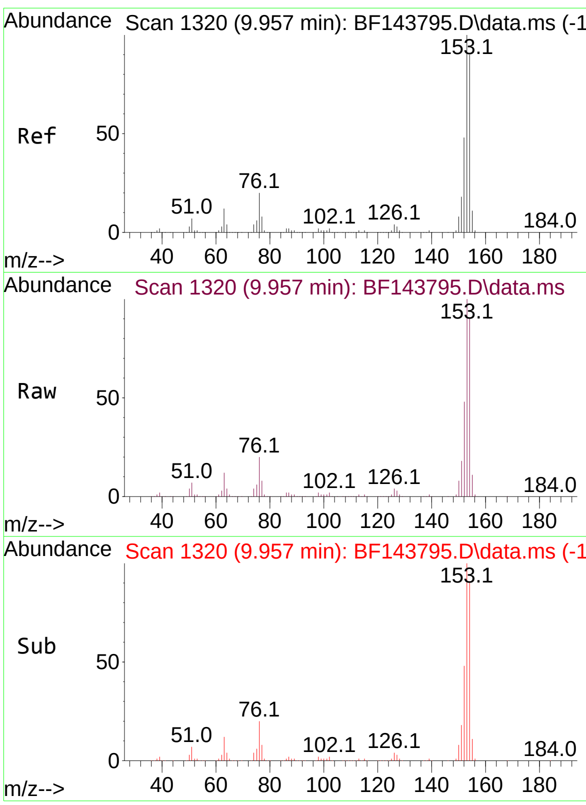


#51
2,6-Dinitrotoluene
Concen: 45.543 ng
RT: 9.704 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:165 Resp: 8915

Ion	Ratio	Lower	Upper
165	100		
63	78.3	62.6	94.0
89	56.5	45.2	67.8

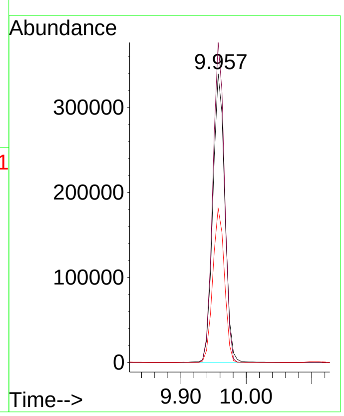


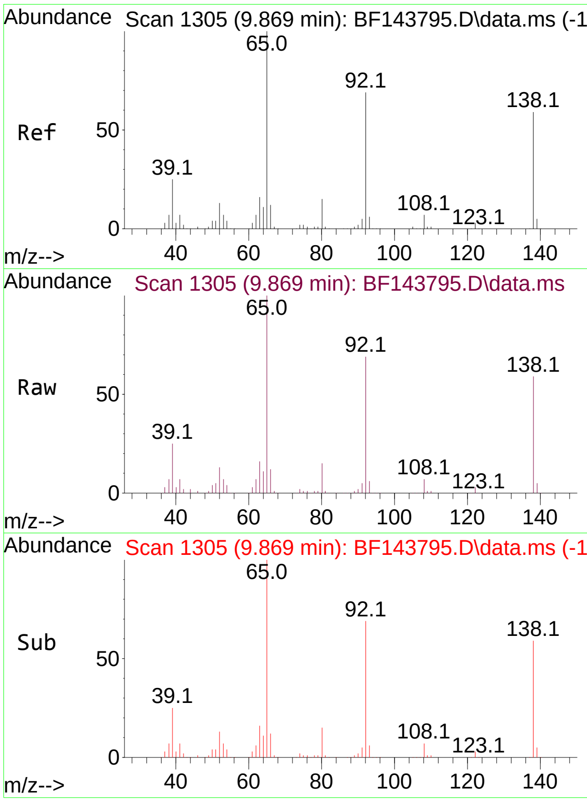


#52
Acenaphthene
Concen: 42.036 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:154 Resp: 433748

Ion	Ratio	Lower	Upper
154	100		
153	110.9	88.7	133.1
152	53.4	42.7	64.1






```
#53
3-Nitroaniline
Concen:   46.671 ng
RT:    9.869 min   Scan# 1
Delta R.T.   -0.006 min
Lab File:    BF143795.D
Acq: 23 Sep 2025   13:59

Tgt Ion:138 Resp:   11073
Ion   Ratio   Lower   Upper
138   100
108    12.4     9.9    14.9
 92   116.9    93.5   140.3
```

Instrument : BNA_F
ClientSampleId : SSTDICCC040

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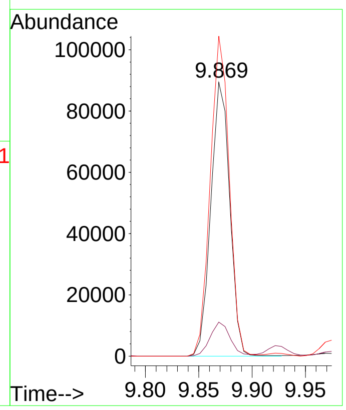
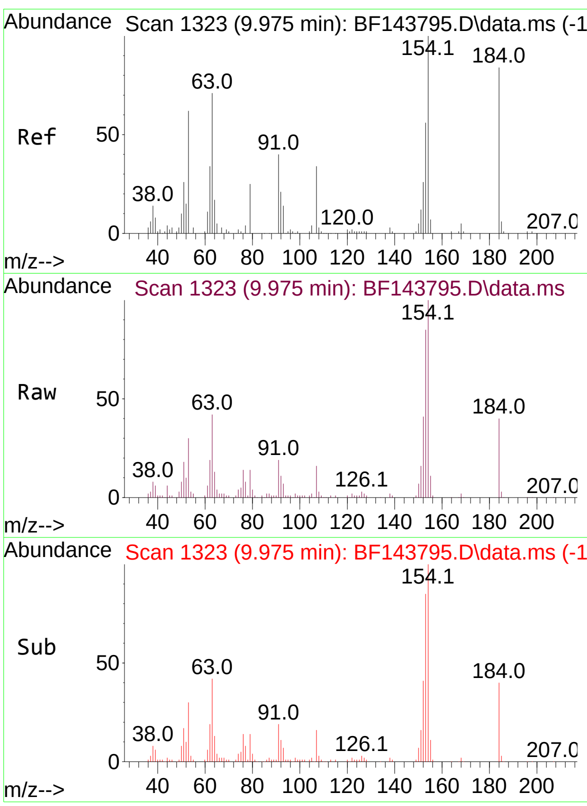
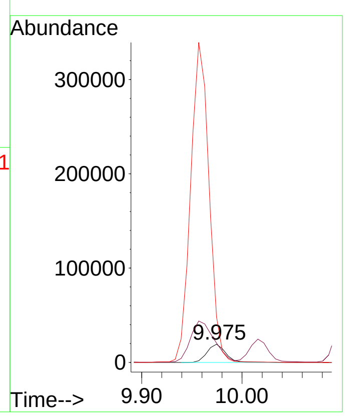
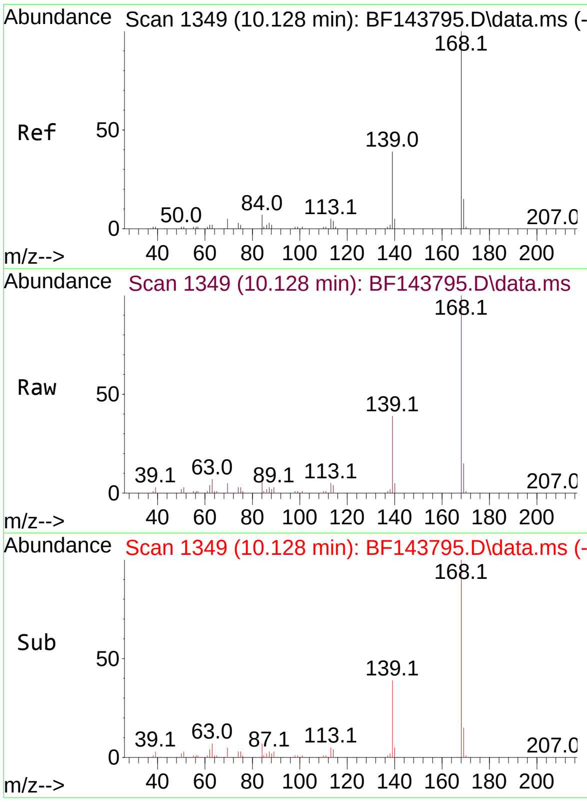





```
#54
2,4-Dinitrophenol
Concen:   41.301 ng
RT:    9.975 min   Scan# 1323
Delta R.T.   -0.000 min
Lab File:    BF143795.D
Acq: 23 Sep 2025   13:59

Tgt Ion:184 Resp:    24685
Ion   Ratio   Lower   Upper
184   100
 63   105.8    84.6   127.0
154   249.1   199.3   298.9
```






```
#55
Dibenzofuran
Concen:   41.833 ng
RT:  10.128 min   Scan# 1
Delta R.T.   -0.006 min
Lab File:    BF143795.D
Acq: 23 Sep 2025   13:59

Tgt Ion:168 Resp:   61039
Ion   Ratio   Lower   Upper
168   100
139    38.8    31.0    46.6
169    14.9    11.9    17.9
```

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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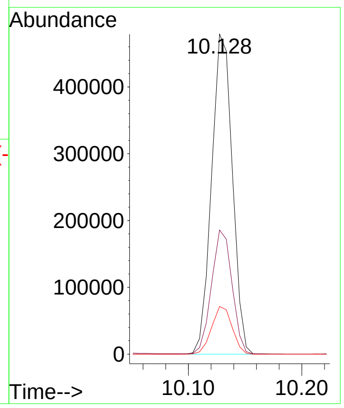

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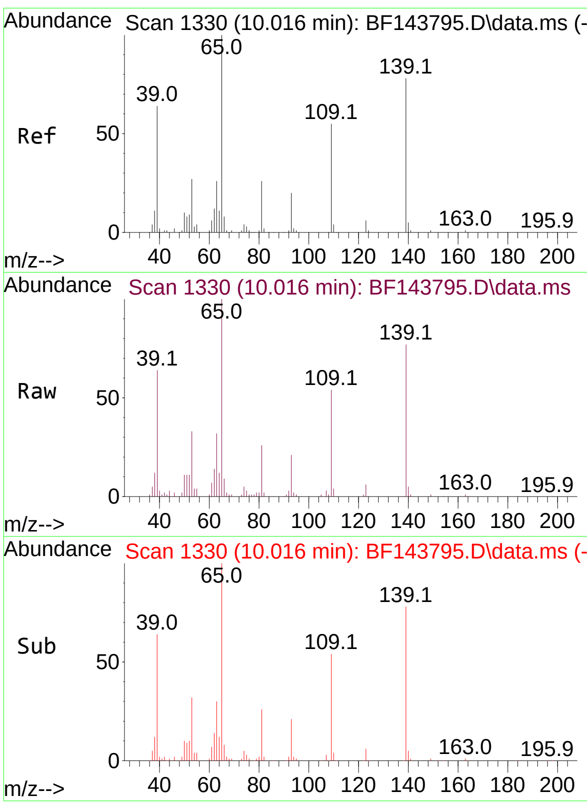
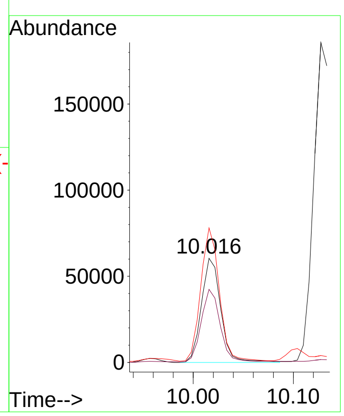
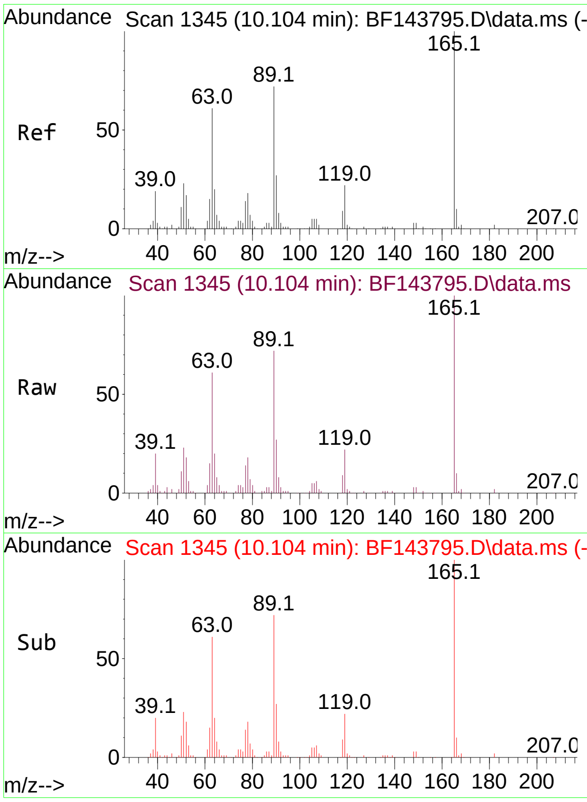



```
#56
4-Nitrophenol
Concen:   42.462 ng
RT:  10.016 min   Scan# 1330
Delta R.T.   -0.006 min
Lab File:    BF143795.D
Acq: 23 Sep 2025   13:59

Tgt Ion:139 Resp:    81189
Ion   Ratio   Lower   Upper
139   100
109    70.2    50.2    90.2
 65   129.2   109.2   149.2
```

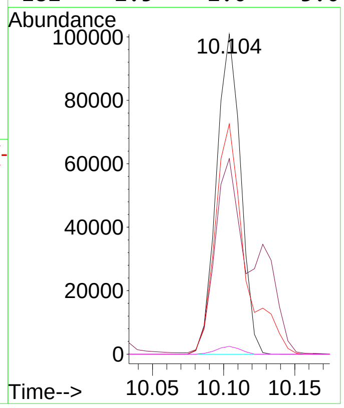




#57
2,4-Dinitrotoluene
Concen: 41.745 ng
RT: 10.104 min Scan# 13
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:165 Resp: 12011

Ion	Ratio	Lower	Upper
165	100		
63	61.1	48.9	73.3
89	71.9	57.5	86.3
182	2.5	2.0	3.0



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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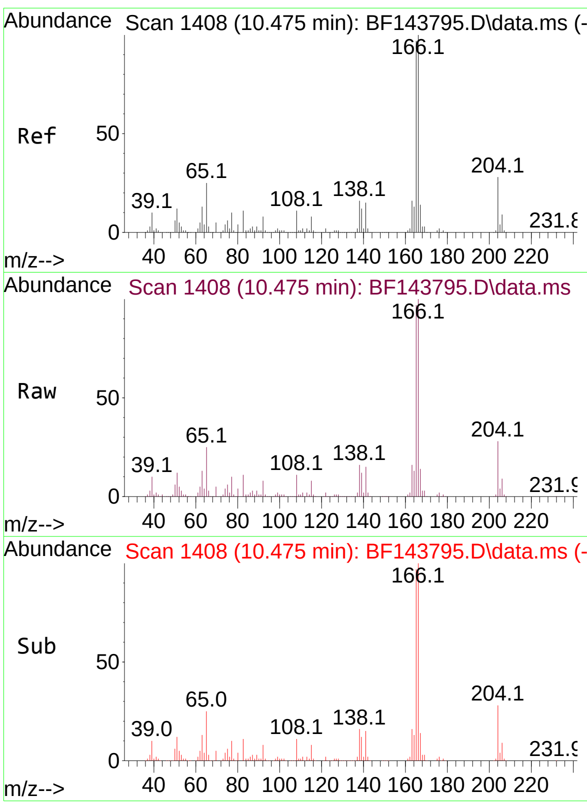
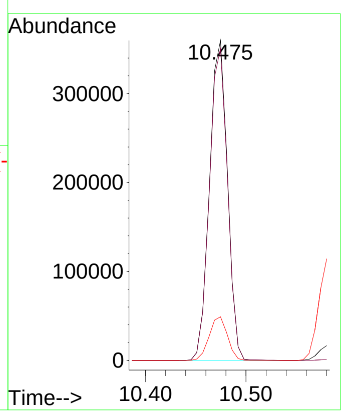
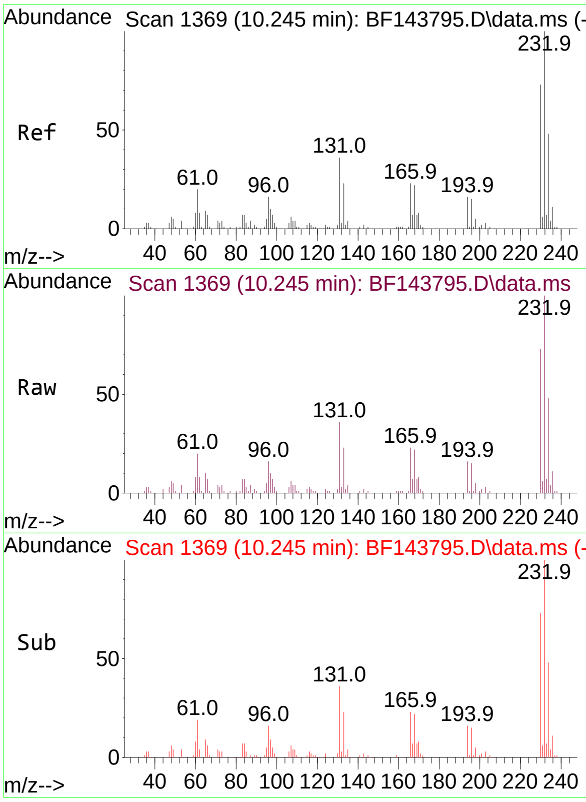


#58
Fluorene
Concen: 41.324 ng
RT: 10.475 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:166 Resp: 448265

Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.0	117.0
167	13.6	10.9	16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.013 ng
RT: 10.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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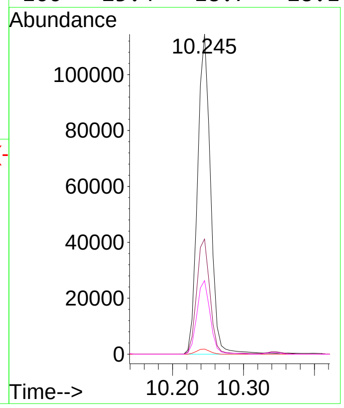
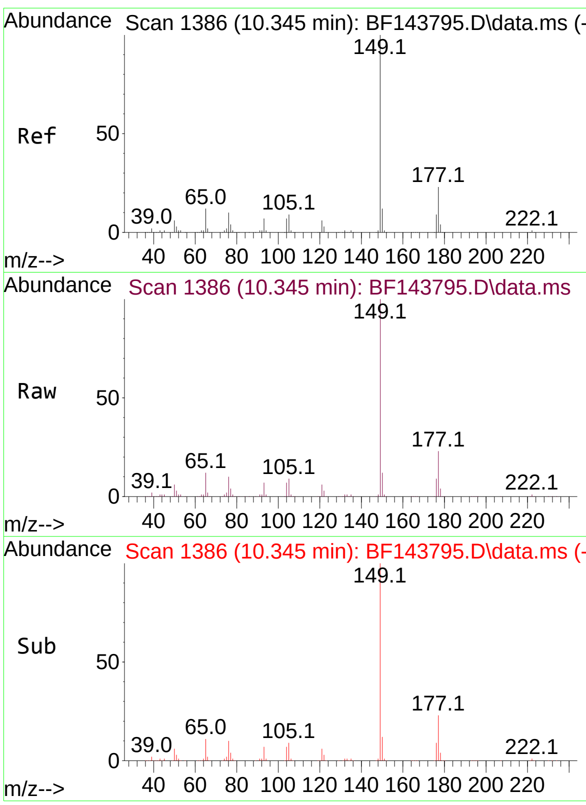
Tgt Ion:232 Resp: 14568

Ion	Ratio	Lower	Upper
232	100		
131	36.8	29.4	44.2
130	1.6	1.3	1.9
166	23.4	18.7	28.1

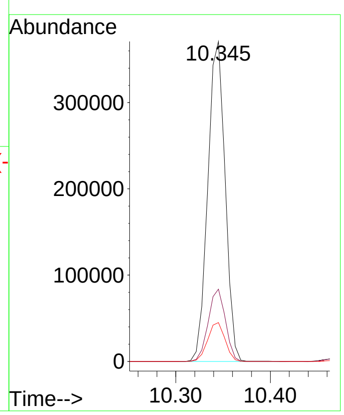




#60
Diethylphthalate
Concen: 42.438 ng
RT: 10.345 min Scan# 1386
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:149 Resp: 473302

Ion	Ratio	Lower	Upper
149	100		
177	22.6	18.1	27.1
150	12.1	9.7	14.5



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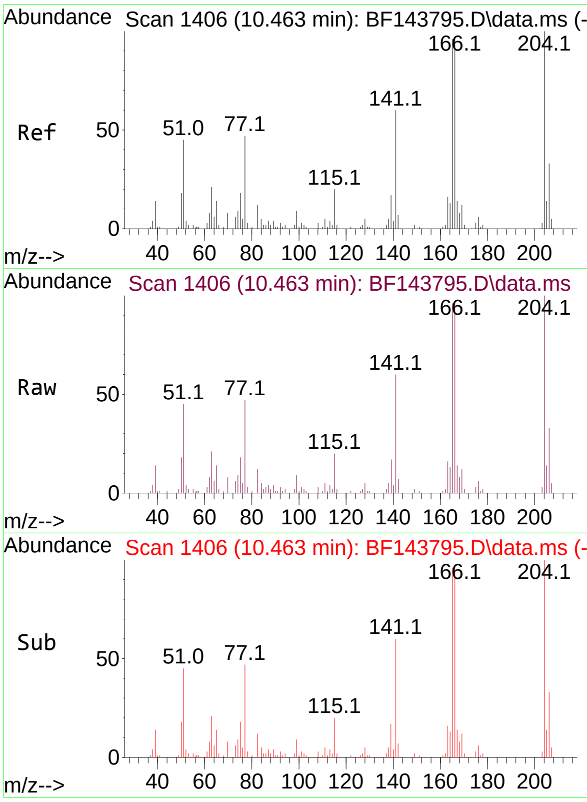

#61
4-Chlorophenyl-phenylether
Concen: 41.729 ng
RT: 10.463 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:204 Resp: 23064

Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.7	40.1
141	60.2	48.2	72.2

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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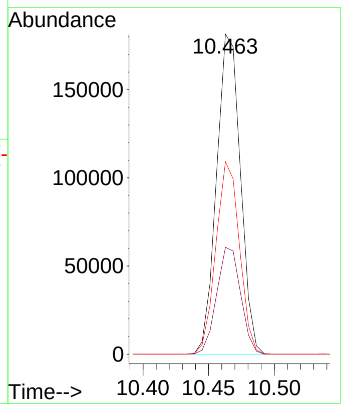
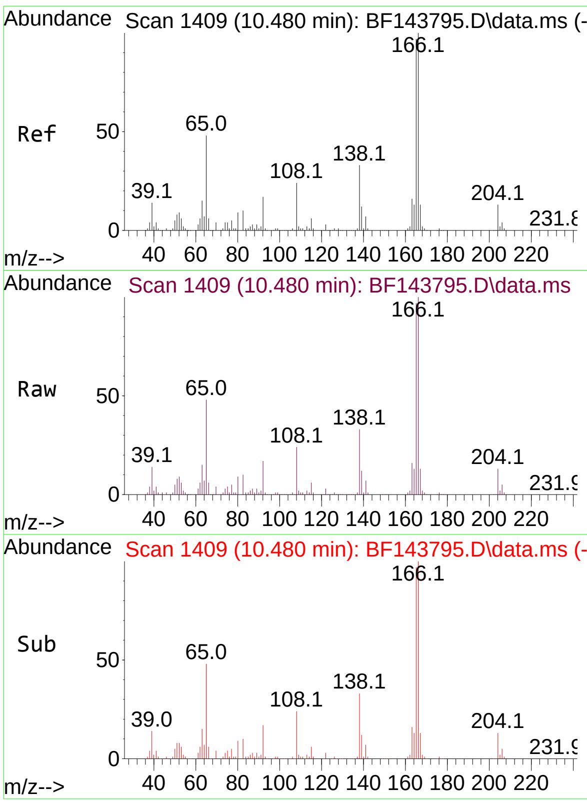
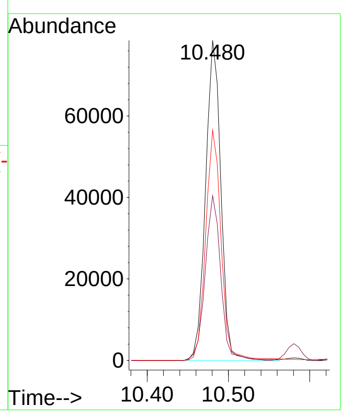


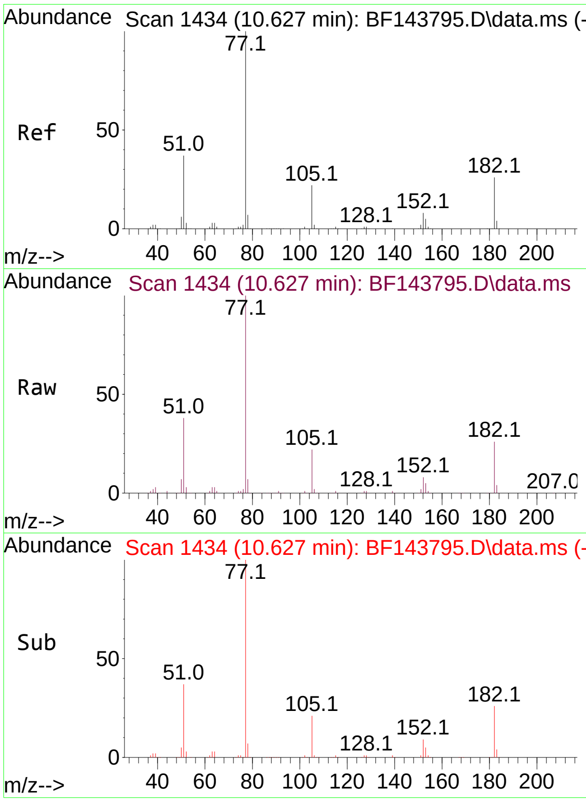


#62
4-Nitroaniline
Concen: 46.254 ng
RT: 10.480 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:138 Resp: 103193

Ion	Ratio	Lower	Upper
138	100		
92	51.5	31.5	71.5
108	71.9	51.9	91.9

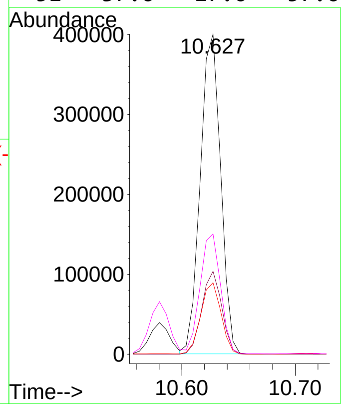




#63
Azobenzene
Concen: 42.532 ng
RT: 10.627 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion: 77 Resp: 49992

Ion	Ratio	Lower	Upper
77	100		
182	25.9	5.9	45.9
105	22.3	2.3	42.3
51	37.6	17.6	57.6



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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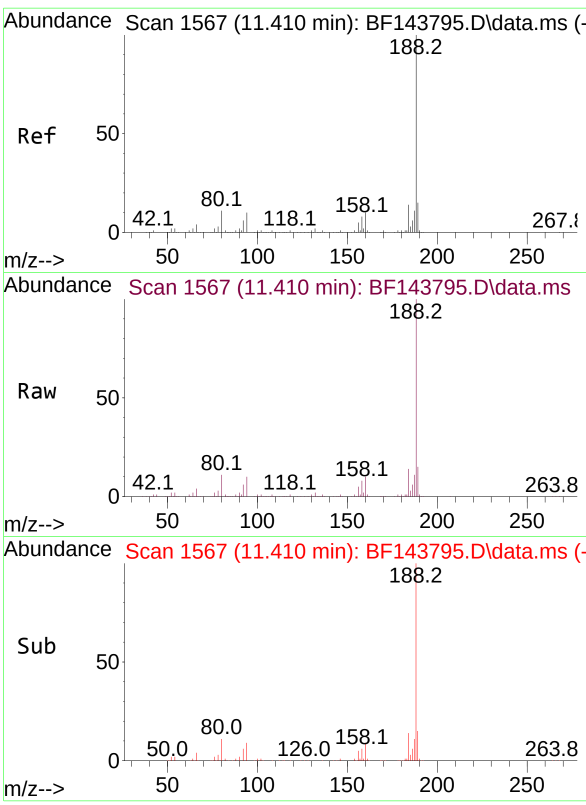
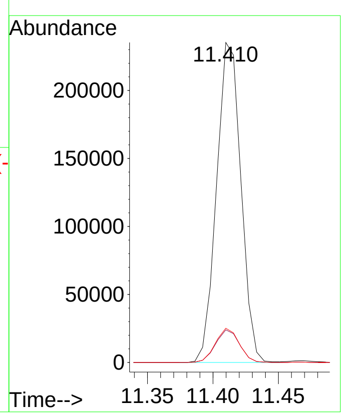
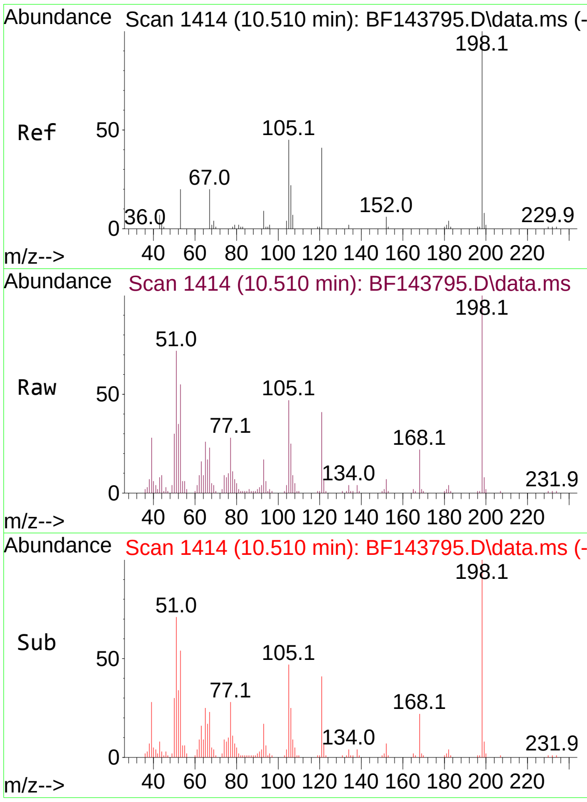


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:188 Resp: 304940

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.2	12.2
80	10.7	8.6	12.8





#65
4,6-Dinitro-2-methylphenol
Concen: 40.163 ng
RT: 10.510 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:198 Resp: 4244

Ion	Ratio	Lower	Upper
198	100		
51	72.0	52.0	92.0
105	47.5	27.5	67.5

Instrument : BNA_F
ClientSampleId : SSTDICCC040

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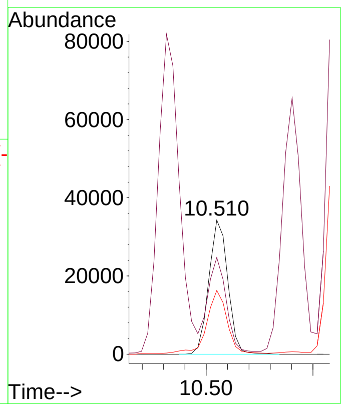
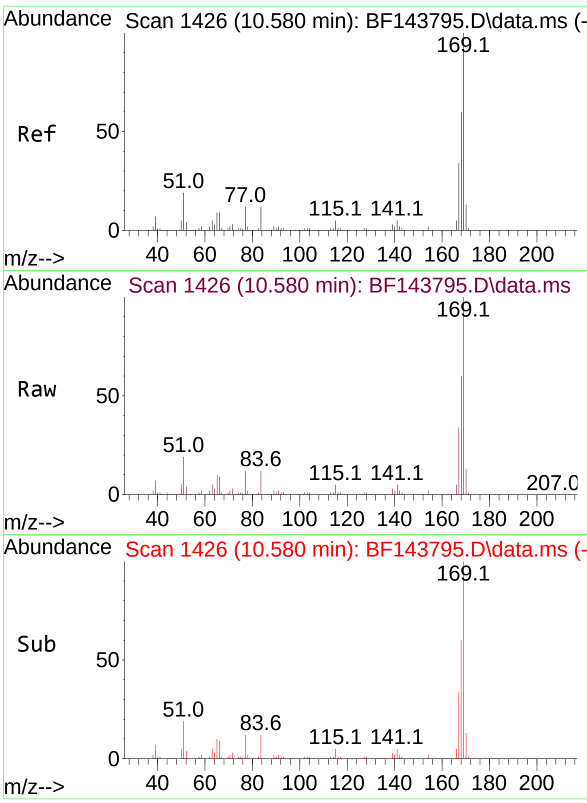
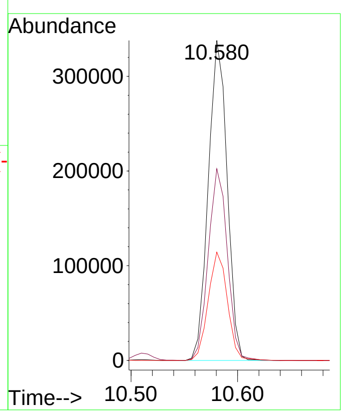




#66
n-Nitrosodiphenylamine
Concen: 41.492 ng
RT: 10.580 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:169 Resp: 416100

Ion	Ratio	Lower	Upper
169	100		
168	59.9	47.9	71.9
167	33.8	27.0	40.6



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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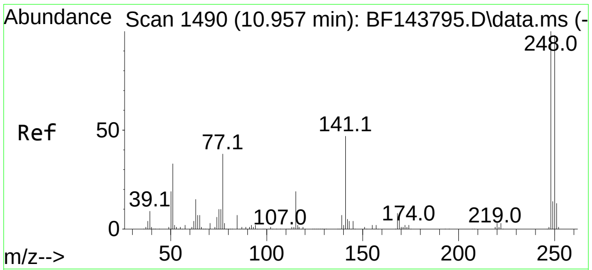
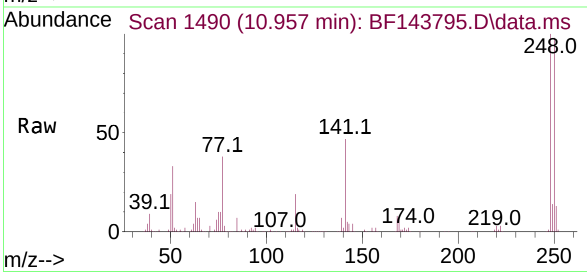
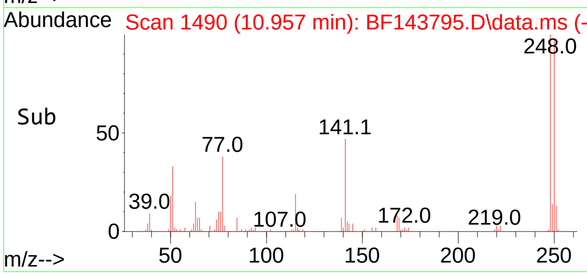
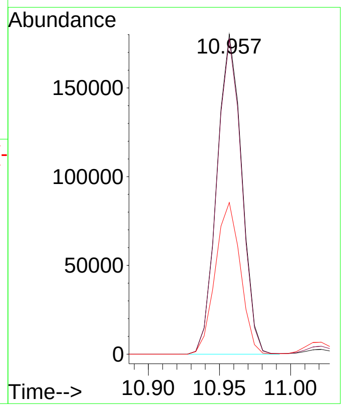


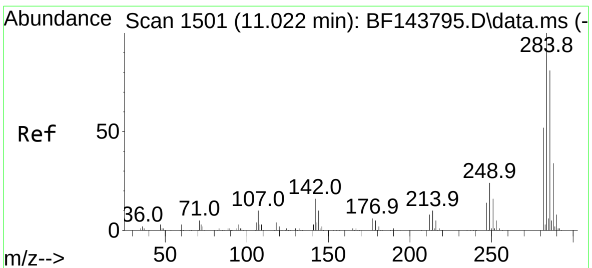


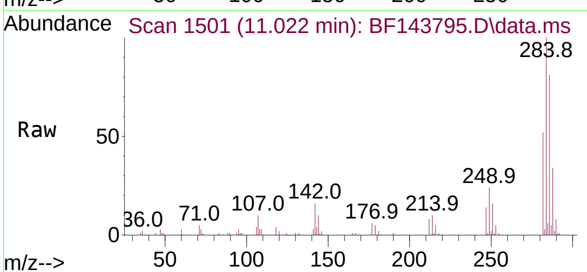


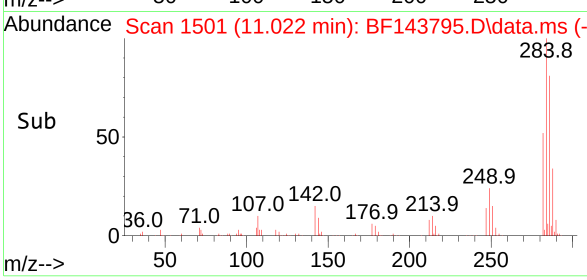

```
#67
4-Bromophenyl-phenylether
Concen:   42.319 ng
RT:  10.957 min  Scan# 14
Delta R.T.  0.000 min
Lab File:   BF143795.D
Acq: 23 Sep 2025  13:59

Tgt Ion:248 Resp:  21992
Ion  Ratio  Lower  Upper
248  100
250   98.4   78.7  118.1
141   47.4   37.9   56.9
```



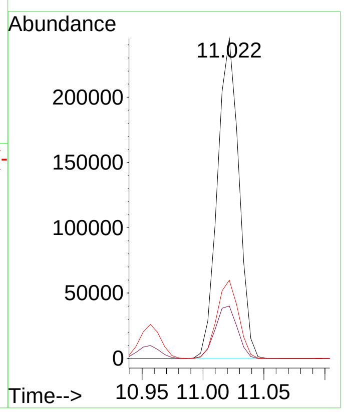


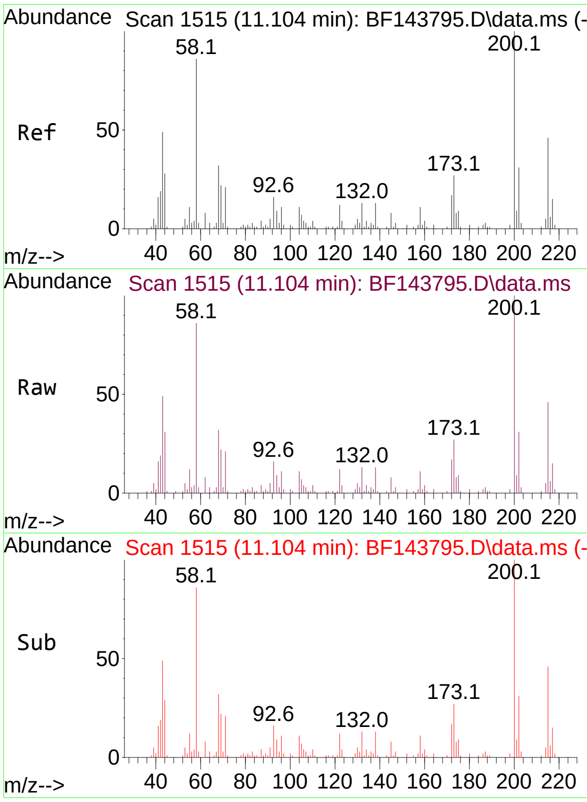





```
#68
Hexachlorobenzene
Concen:   41.941 ng
RT:  11.022 min  Scan# 1501
Delta R.T.  0.000 min
Lab File:   BF143795.D
Acq: 23 Sep 2025  13:59

Tgt Ion:284 Resp:  300364
Ion  Ratio  Lower  Upper
284  100
142   16.4   13.1   19.7
249   24.4   19.5   29.3
```

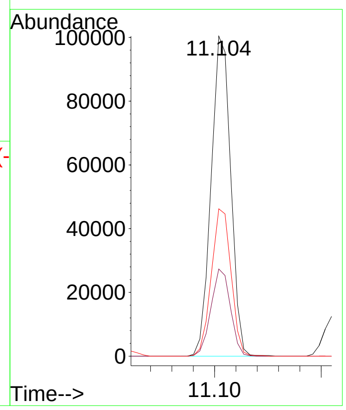




#69
Atrazine
Concen: 44.222 ng
RT: 11.104 min Scan# 15
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:200 Resp: 12842

Ion	Ratio	Lower	Upper
200	100		
173	27.2	7.2	47.2
215	46.0	26.0	66.0



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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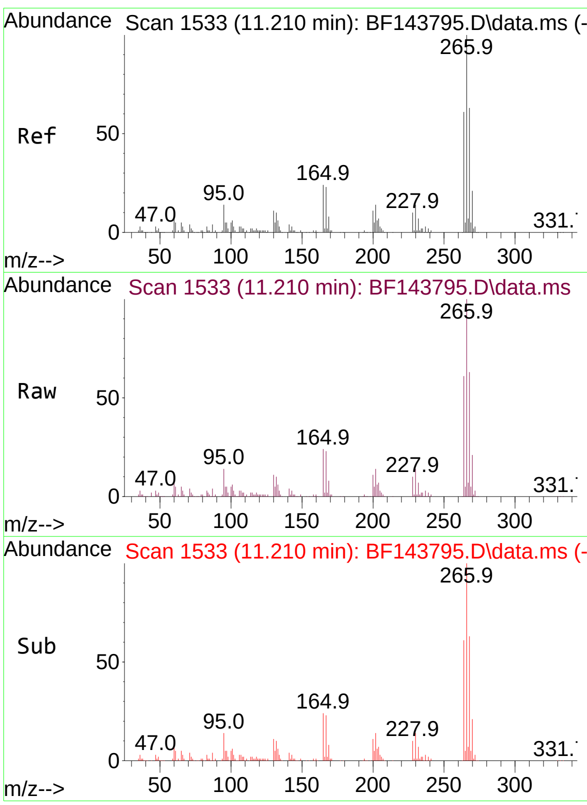
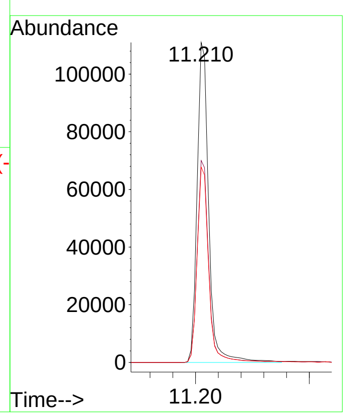
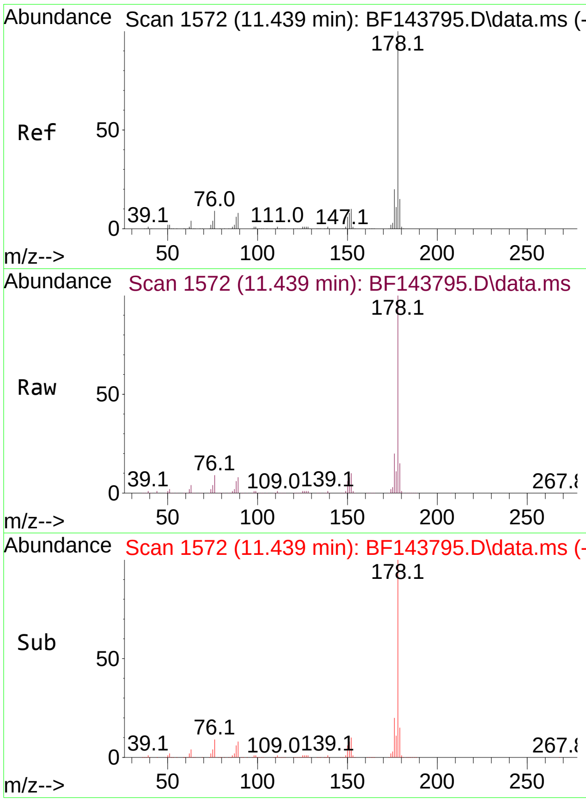


#70
Pentachlorophenol
Concen: 43.781 ng
RT: 11.210 min Scan# 1533
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:266 Resp: 156073

Ion	Ratio	Lower	Upper
266	100		
268	63.1	50.5	75.7
264	61.0	48.8	73.2

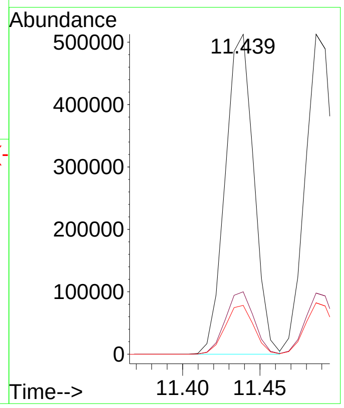




#71
Phenanthrene
Concen: 42.160 ng
RT: 11.439 min   Scan# 1
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025   13:59

Tgt Ion:178 Resp: 66004

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.6	23.4
179	15.3	12.2	18.4



Instrument :
BNA_F
ClientSampleId :
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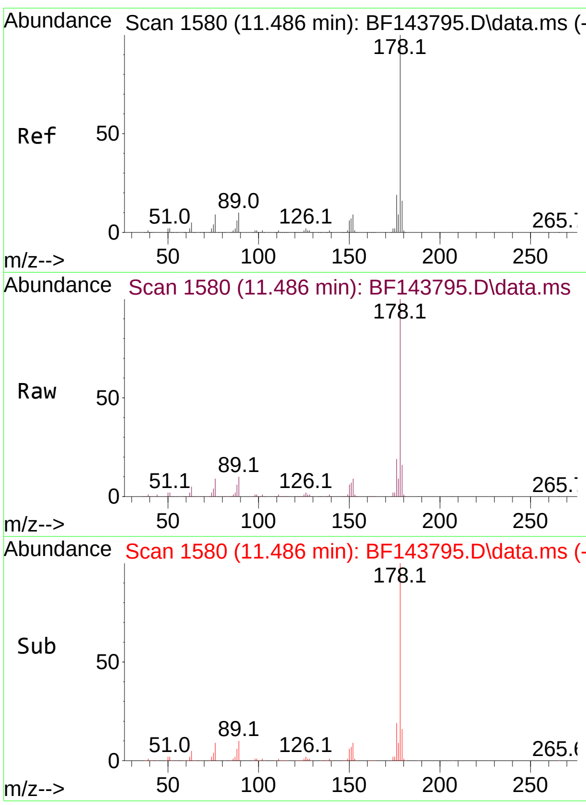
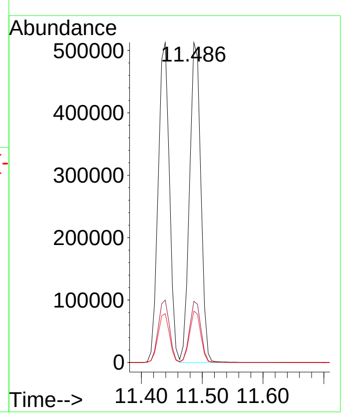


#72
Anthracene
Concen: 42.075 ng
RT: 11.486 min   Scan# 1580
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025   13:59

Tgt Ion:178 Resp: 660736

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	16.0	12.8	19.2



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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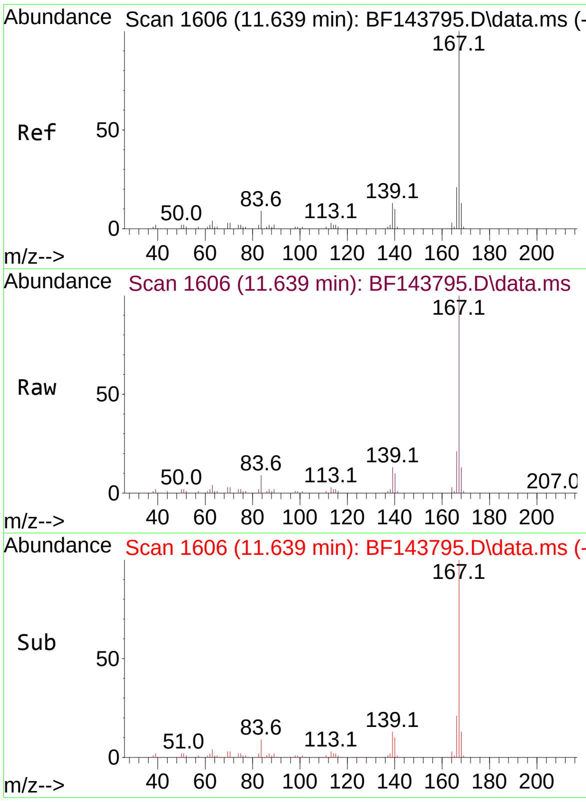
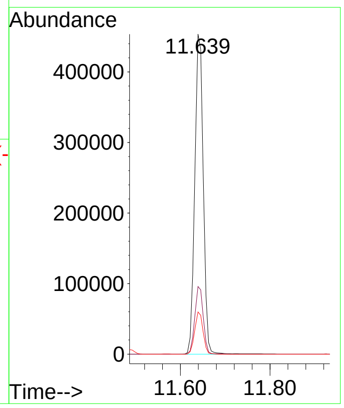
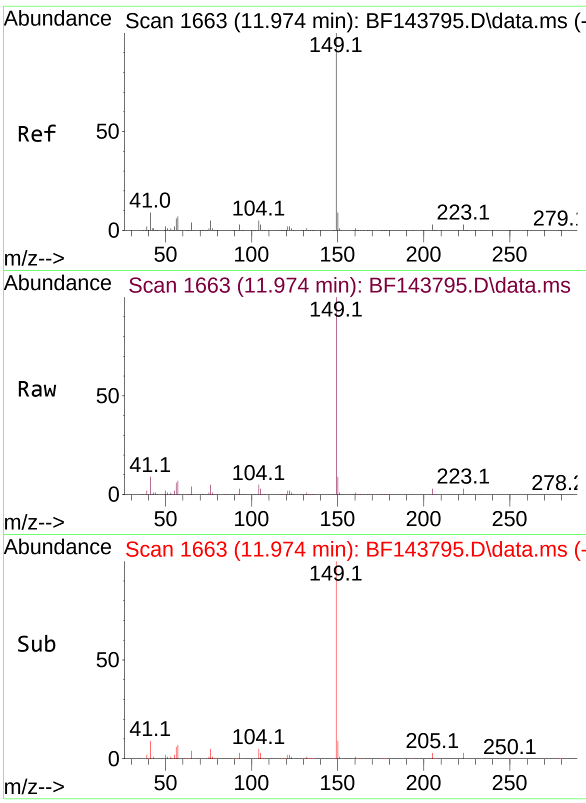


#73
Carbazole
Concen: 43.368 ng
RT: 11.639 min Scan# 16
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:167 Resp: 595454

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.0	25.4
139	13.2	10.6	15.8

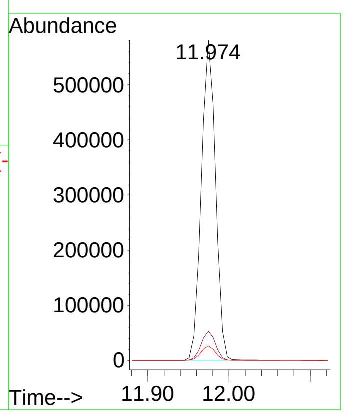




#74
Di-n-butylphthalate
Concen: 44.694 ng
RT: 11.974 min Scan# 1663
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:149 Resp: 705755

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.3	10.9
104	4.5	3.6	5.4



Instrument :
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ClientSampleId :
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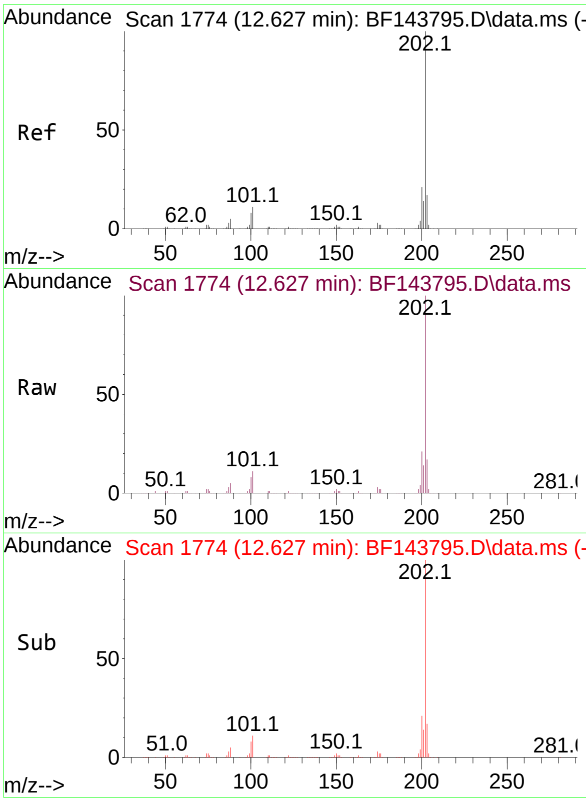
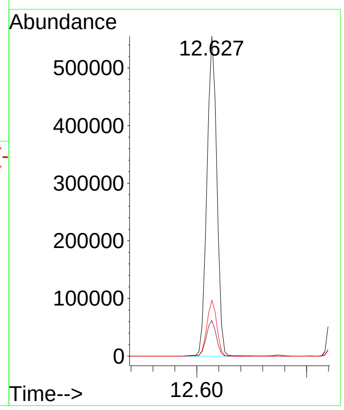
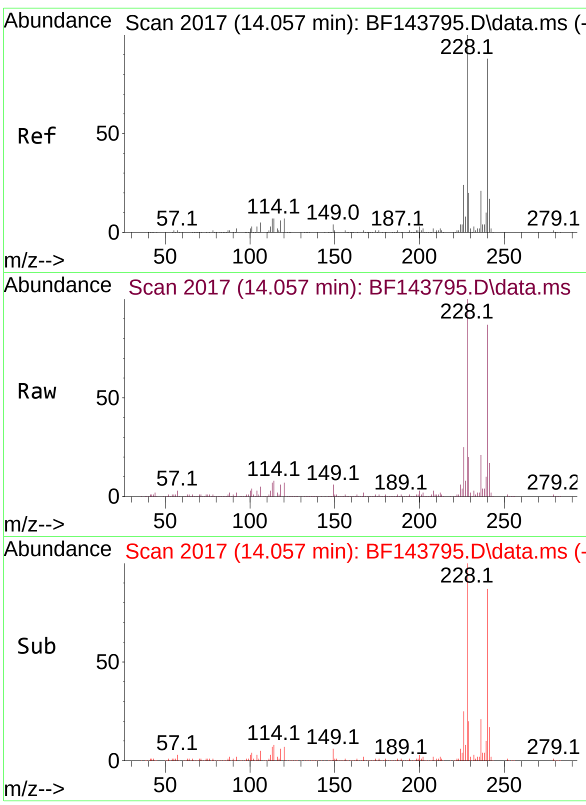


#75
Fluoranthene
Concen: 44.322 ng
RT: 12.627 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:202 Resp: 69789

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	31.1
203	17.4	0.0	37.4

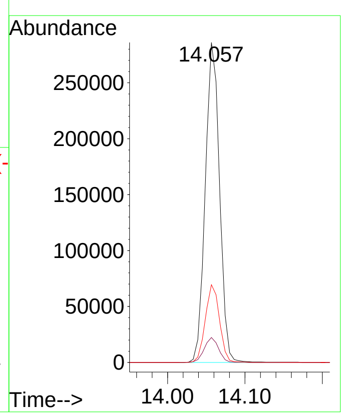




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:240 Resp: 365989

Ion	Ratio	Lower	Upper
240	100		
120	7.8	6.2	9.4
236	24.3	19.4	29.2



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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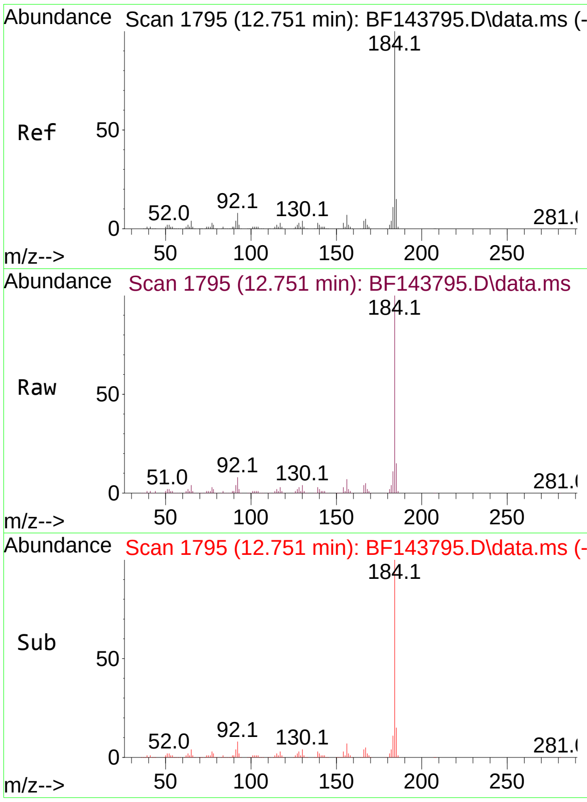
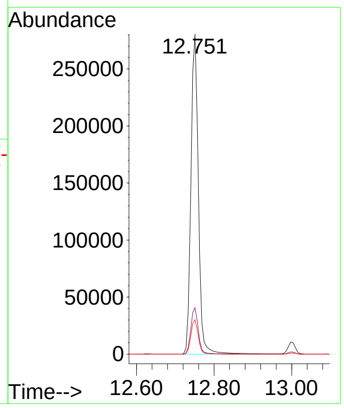
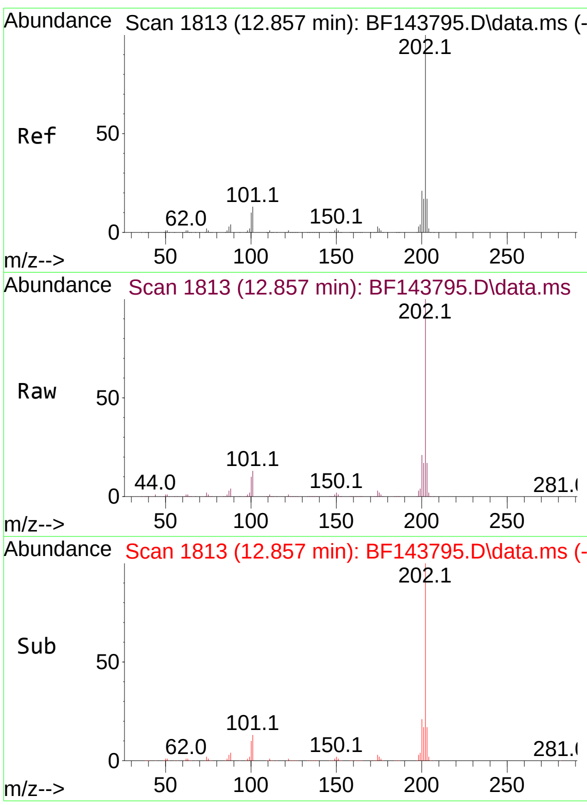


#77
Benzidine
Concen: 41.956 ng
RT: 12.751 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:184 Resp: 37418

Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.6	17.4
183	10.8	8.6	13.0

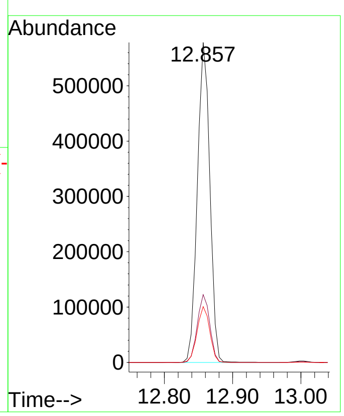




#78
Pyrene
Concen: 40.870 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:202 Resp: 735401

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.0	25.4
203	17.4	13.9	20.9



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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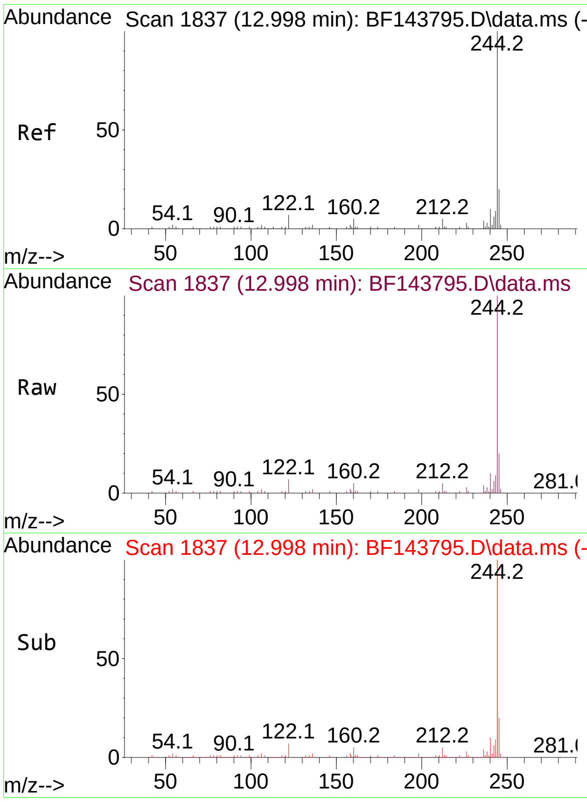
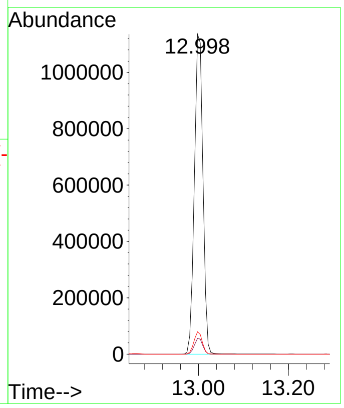
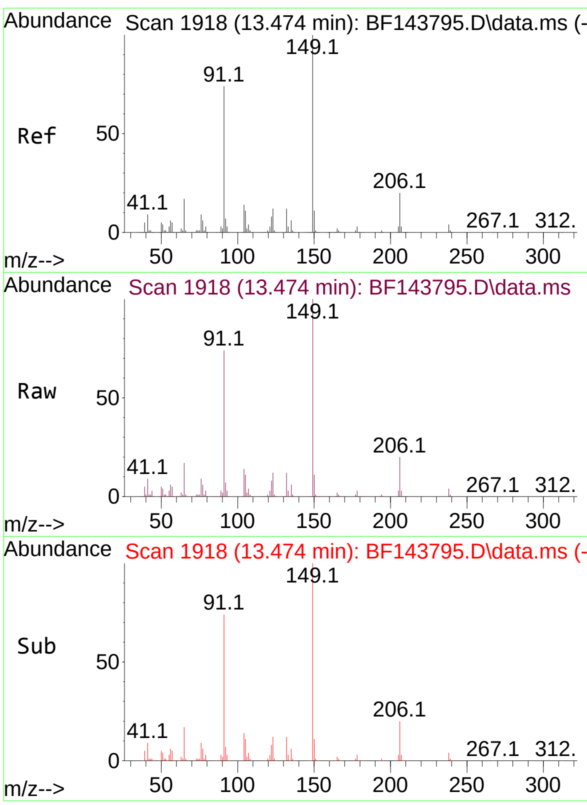


#79
Terphenyl-d14
Concen: 80.257 ng
RT: 12.998 min Scan# 18
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:244 Resp: 149610

Ion	Ratio	Lower	Upper
244	100		
212	4.9	3.9	5.9
122	7.0	5.6	8.4

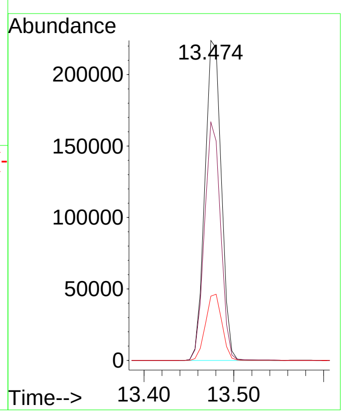




#80
Butylbenzylphthalate
Concen: 46.027 ng
RT: 13.474 min Scan# 1918
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:149 Resp: 286527

Ion	Ratio	Lower	Upper
149	100		
91	74.4	59.5	89.3
206	20.1	16.1	24.1



ICAL Form

Instrument : BNA_F
ClientSampleId : SSTDICCC040

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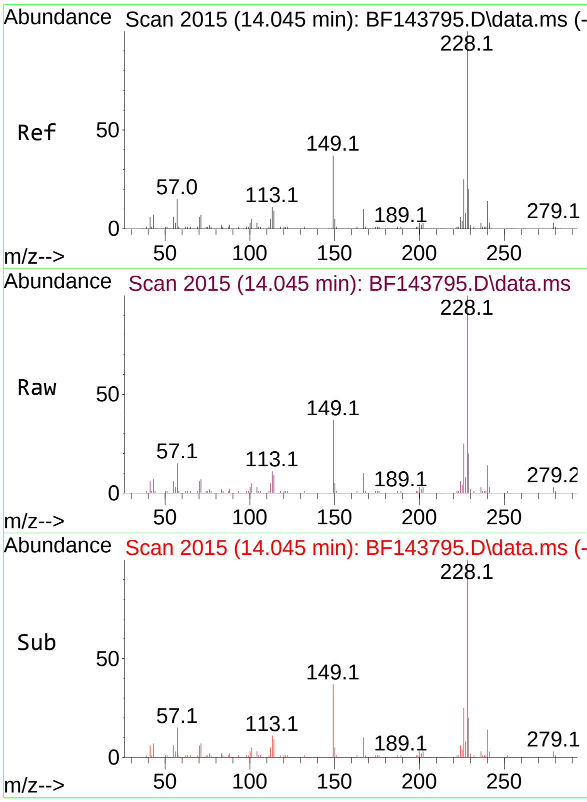
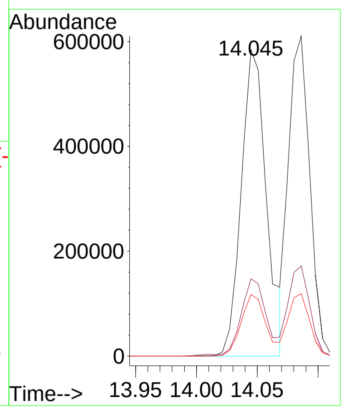
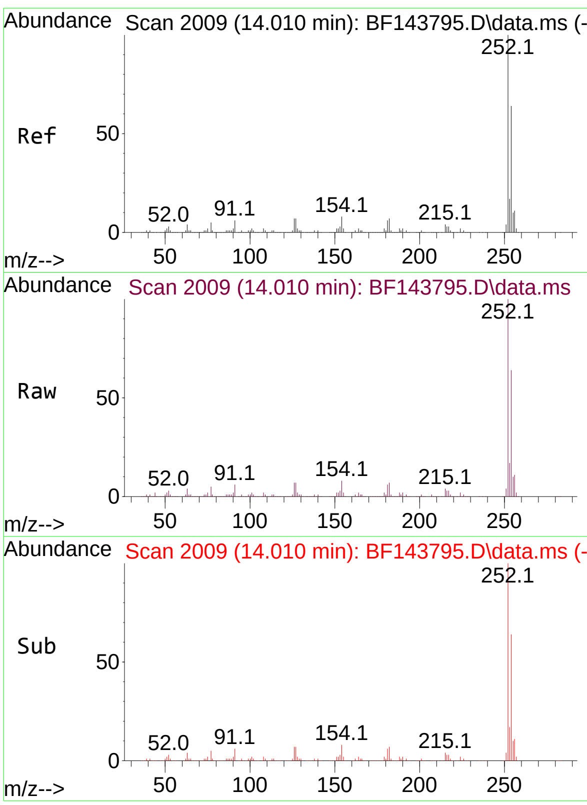


#81
Benzo(a)anthracene
Concen: 42.732 ng
RT: 14.045 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:228 Resp: 84018

Ion	Ratio	Lower	Upper
228	100		
226	25.2	20.2	30.2
229	20.1	16.1	24.1

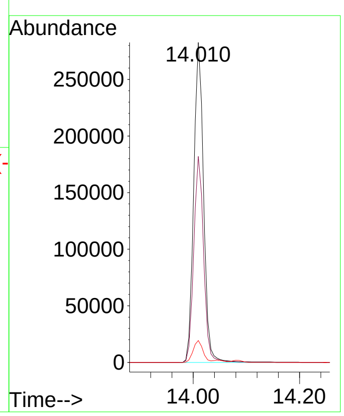




#82
3,3'-Dichlorobenzidine
Concen: 42.702 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:252 Resp: 363730

Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.5	77.3
126	6.8	5.4	8.2



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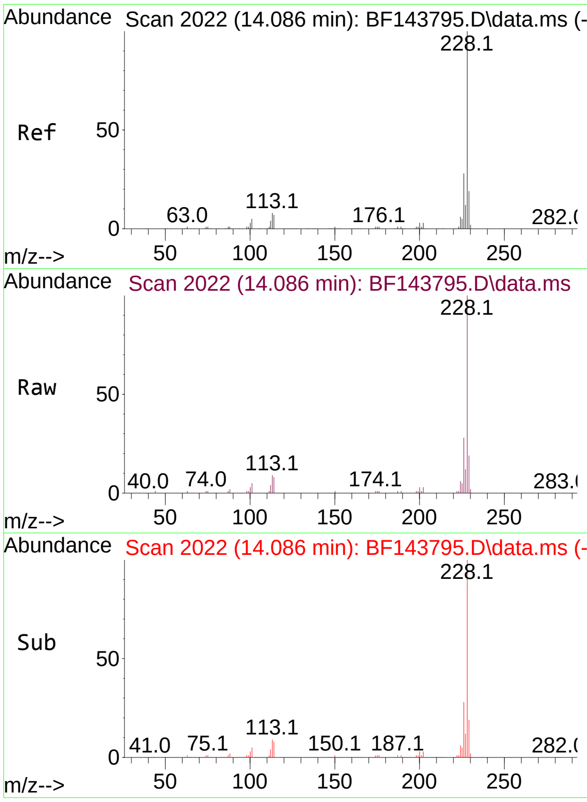

#83
Chrysene
Concen: 41.873 ng
RT: 14.086 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:228 Resp: 744962

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	19.5	15.6	23.4

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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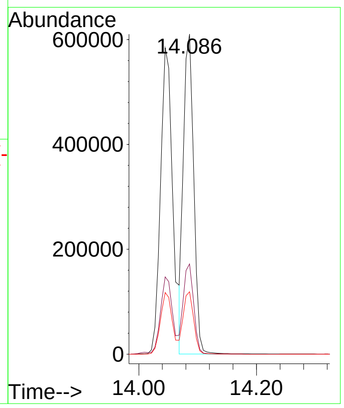

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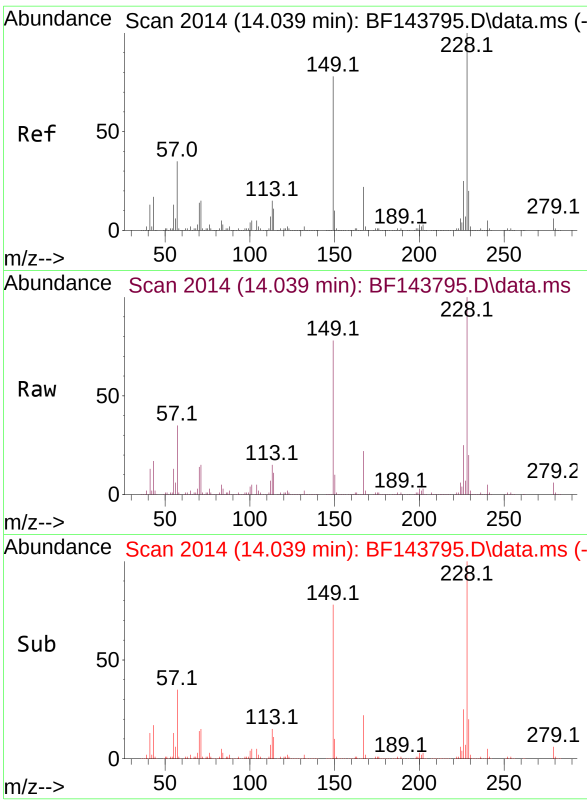
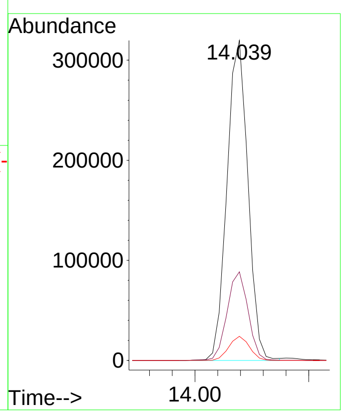
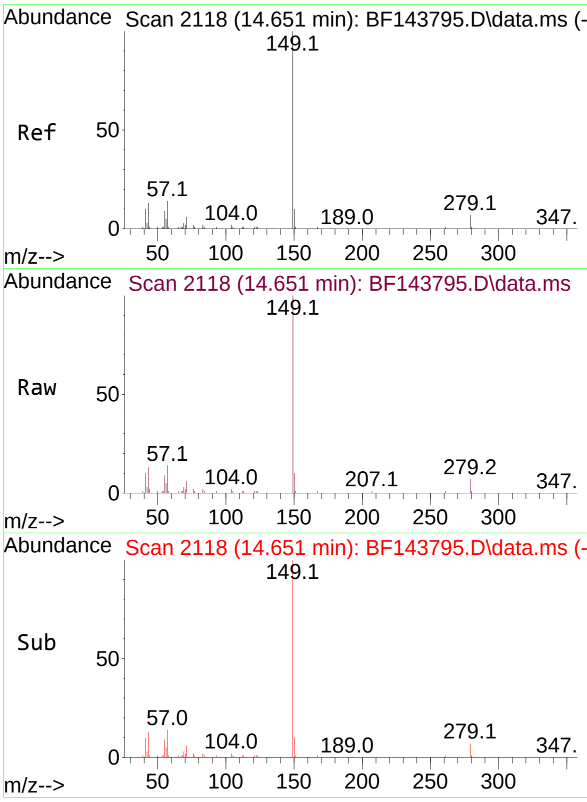


#84
Bis(2-ethylhexyl)phthalate
Concen: 44.759 ng
RT: 14.039 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:149 Resp: 408417

Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.2	33.2
279	7.5	6.0	9.0





#85
Di-n-octyl phthalate
Concen: 44.811 ng
RT: 14.651 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:149 Resp: 74170

Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.1	1.7
43	13.4	10.7	16.1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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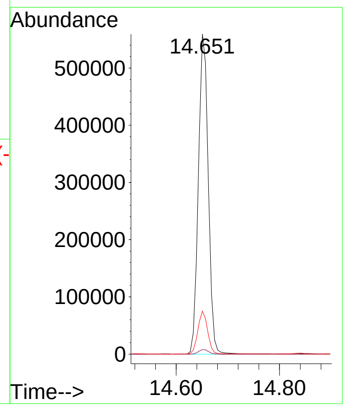
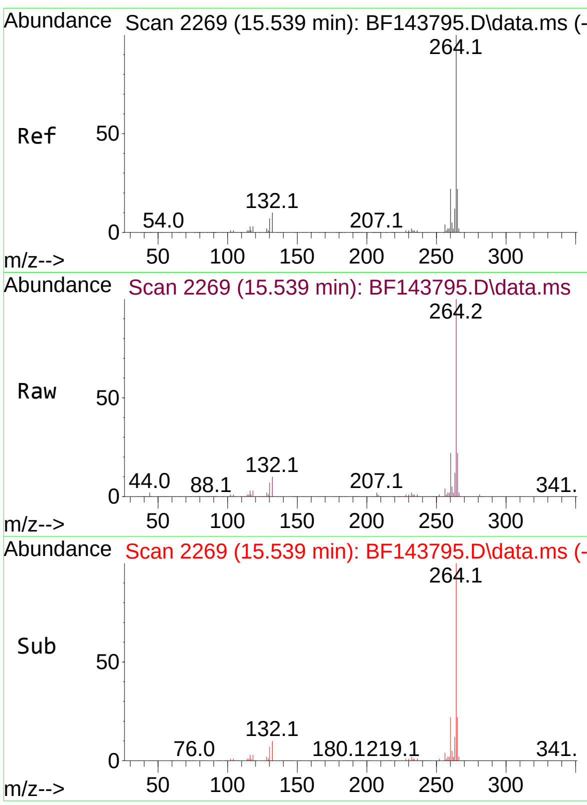
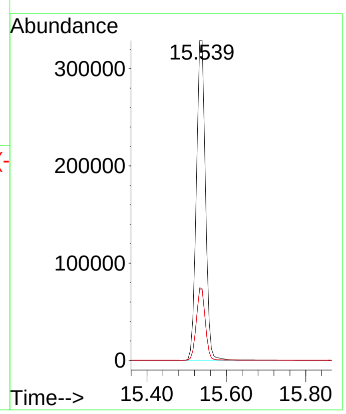


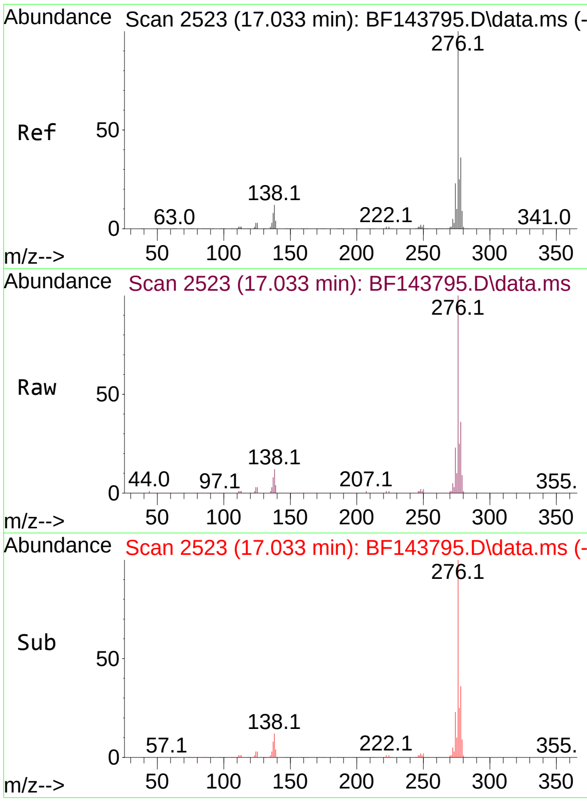


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:264 Resp: 525577

Ion	Ratio	Lower	Upper
264	100		
260	22.4	17.9	26.9
265	22.1	17.7	26.5

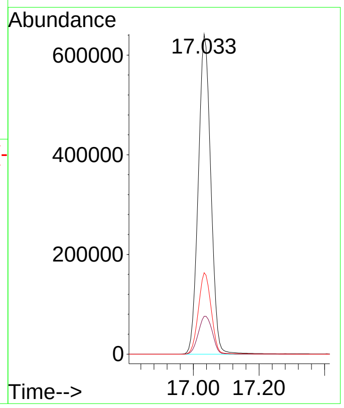




#87
Indeno(1,2,3-cd)pyrene
Concen: 42.389 ng
RT: 17.033 min Scan# 25
Delta R.T. -0.012 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:276 Resp: 169039

Ion	Ratio	Lower	Upper
276	100		
138	13.2	10.6	15.8
277	25.9	20.7	31.1



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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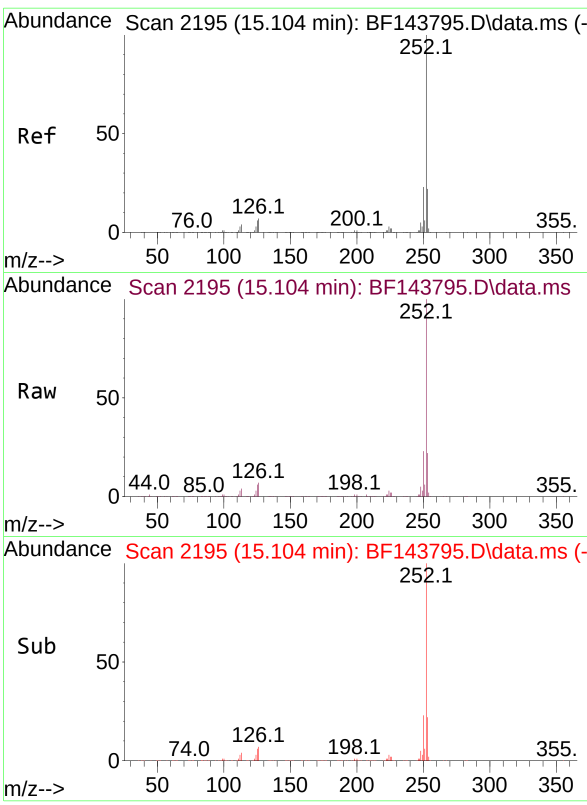
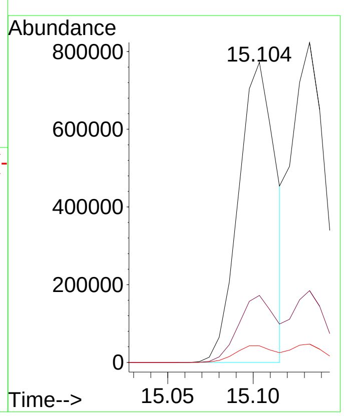
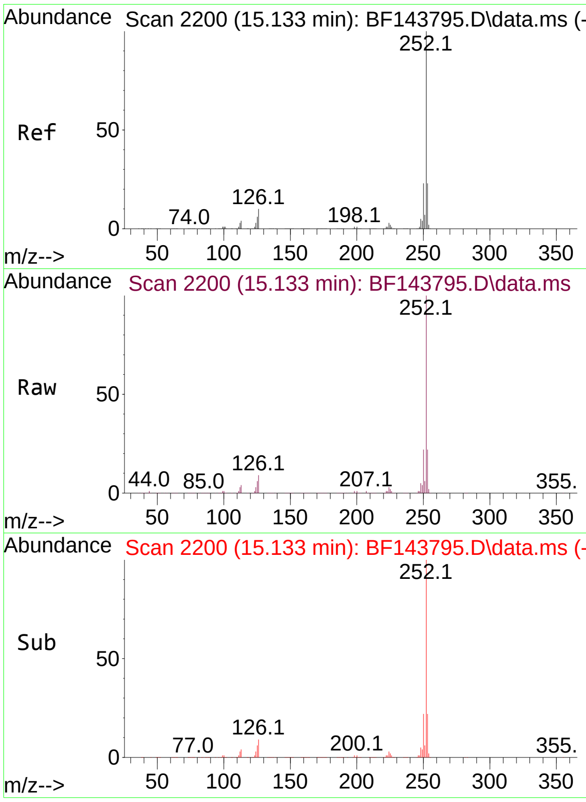


#88
Benzo(b)fluoranthene
Concen: 43.365 ng
RT: 15.104 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:252 Resp: 1160651

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	5.5	4.4	6.6





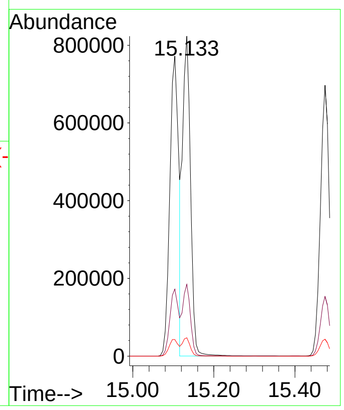
#89
Benzo(k)fluoranthene
Concen: 42.573 ng
RT: 15.133 min Scan# 22
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:252 Resp: 1144789

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	5.7	4.6	6.8

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



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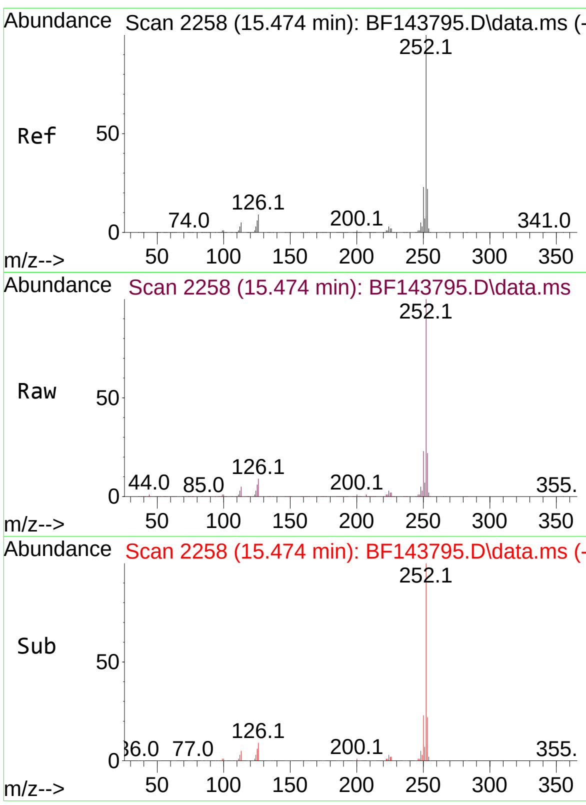
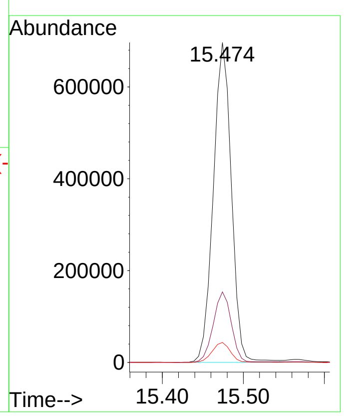
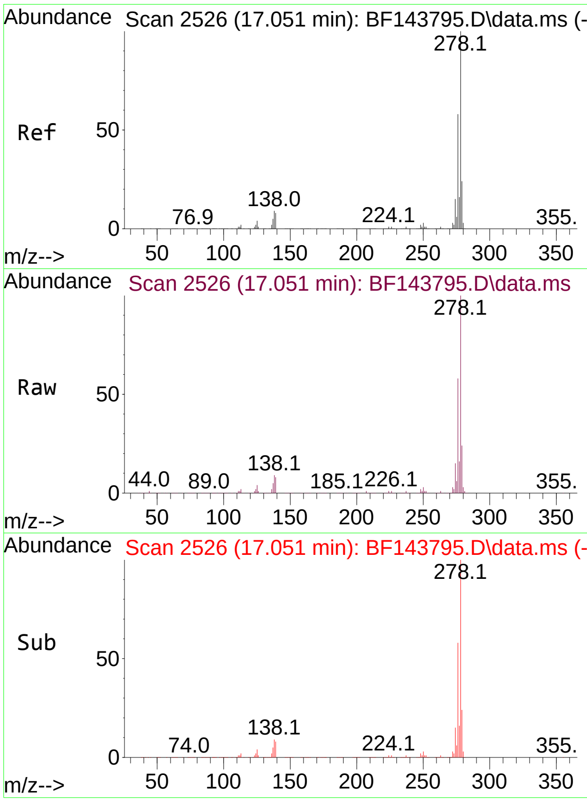


#90
Benzo(a)pyrene
Concen: 42.908 ng
RT: 15.474 min Scan# 2258
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:252 Resp: 1079512

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	6.2	5.0	7.4





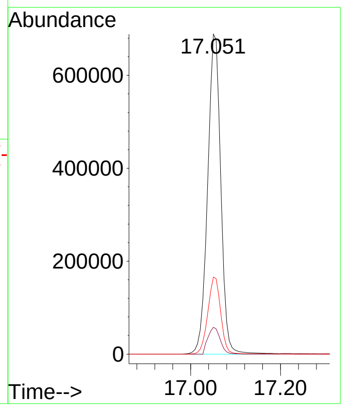
#91
Dibenzo(a,h)anthracene
Concen: 42.920 ng
RT: 17.051 min Scan# 25
Delta R.T.   -0.018 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

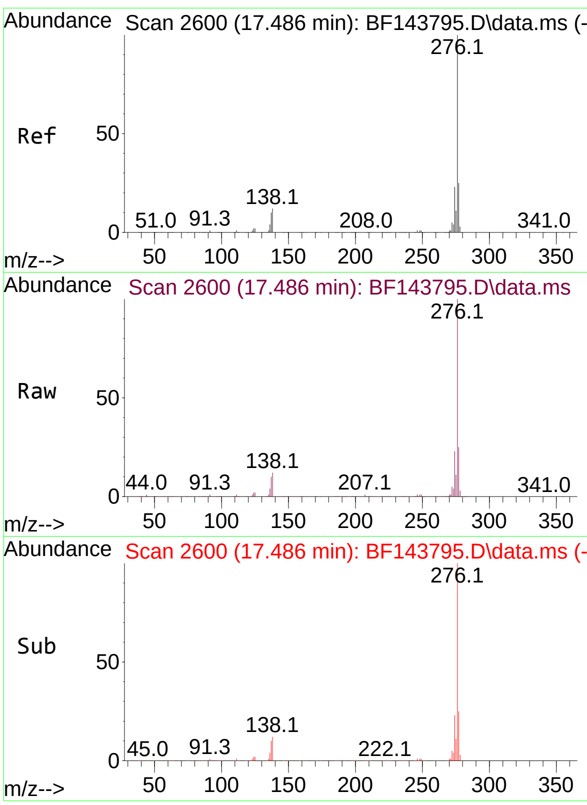
Tgt Ion:278 Resp: 1399884

Ion	Ratio	Lower	Upper
278	100		
139	8.4	6.7	10.1
279	24.1	19.3	28.9

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

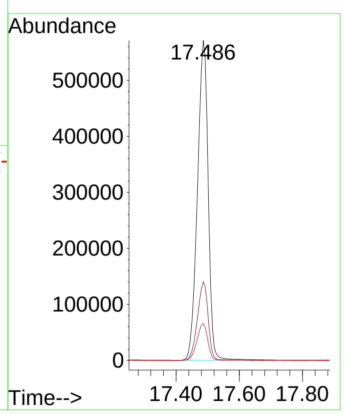




#92
Benzo(g,h,i)perylene
Concen: 42.757 ng
RT: 17.486 min Scan# 2600
Delta R.T.   -0.018 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:276 Resp: 1344334

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.6	29.4
138	11.5	9.2	13.8



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
Data File : BF143796.D
Acq On : 23 Sep 2025 14:28
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

Quant Time: Sep 23 17:06:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 23 16:31:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	138683	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	501953	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	251921	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	388493	20.000	ng	0.00
76) Chrysene-d12	14.057	240	388120	20.000	ng	0.00
86) Perylene-d12	15.533	264	541272	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	801520	93.013	ng	0.00
7) Phenol-d6	6.504	99	926468	91.106	ng	0.00
23) Nitrobenzene-d5	7.451	82	808554	101.372	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	354459	98.591	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1453709	85.274	ng	0.00
79) Terphenyl-d14	12.998	244	1903421	96.285	ng	0.00

Compound	R.T.	QIon	Response	Conc	Units		Qvalue
Target Compounds							
2) 1,4-Dioxane	2.646	88	193379	47.331	ng		98
3) Pyridine	3.410	79	532244	48.261	ng		100
4) n-Nitrosodimethylamine	3.357	42	268794	48.607	ng		99
6) Aniline	6.545	93	672706	46.995	ng		99
8) 2-Chlorophenol	6.669	128	419160	47.967	ng		100
9) Benzaldehyde	6.440	77	459911	53.250	ng		98
10) Phenol	6.522	94	531938m	46.401	ng		
11) bis(2-Chloroethyl)ether	6.622	93	423912	47.173	ng		100
12) 1,3-Dichlorobenzene	6.828	146	466330	45.962	ng		98
13) 1,4-Dichlorobenzene	6.904	146	464335	45.859	ng		99
14) 1,2-Dichlorobenzene	7.057	146	442761	46.170	ng		99
15) Benzyl Alcohol	7.022	79	348008	48.833	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1004151	47.124	ng		99
17) 2-Methylphenol	7.128	107	325304	48.084	ng		99
18) Hexachloroethane	7.404	117	167022	46.905	ng		96
19) n-Nitroso-di-n-propyla...	7.298	70	292083	46.054	ng		98
20) 3+4-Methylphenols	7.287	107	394272	47.855	ng	#	90
22) Acetophenone	7.298	105	503776	45.695	ng		99
24) Nitrobenzene	7.469	77	448291	49.320	ng		98
25) Isophorone	7.704	82	782800	48.987	ng		100
26) 2-Nitrophenol	7.787	139	188140	50.281	ng		94
27) 2,4-Dimethylphenol	7.816	122	351504	49.214	ng		100
28) bis(2-Chloroethoxy)met...	7.916	93	492835	47.470	ng		100
29) 2,4-Dichlorophenol	8.022	162	342962	48.801	ng		99
30) 1,2,4-Trichlorobenzene	8.110	180	345360	47.353	ng		100
31) Naphthalene	8.192	128	1112658	46.304	ng		100
32) Benzoic acid	7.910	122	185973	53.967	ng		96
33) 4-Chloroaniline	8.239	127	405365	48.005	ng		100
34) Hexachlorobutadiene	8.310	225	258638	47.570	ng		99
35) Caprolactam	8.604	113	92410	51.444	ng		95
36) 4-Chloro-3-methylphenol	8.710	107	327629	49.707	ng		97
37) 2-Methylnaphthalene	8.881	142	712848	46.524	ng		99
38) 1-Methylnaphthalene	8.981	142	689609	47.022	ng		100
40) 1,2,4,5-Tetrachloroben...	9.045	216	351998	46.300	ng		99
41) Hexachlorocyclopentadiene	9.034	237	240402	49.894	ng		98
43) 2,4,6-Trichlorophenol	9.157	196	238499	50.100	ng		99

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
Data File : BF143796.D
Acq On : 23 Sep 2025 14:28
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 23 17:06:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 23 16:31:21 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	239256	48.050	ng		99
46) 1,1'-Biphenyl	9.345	154	838250	45.967	ng		99
47) 2-Chloronaphthalene	9.375	162	678591	46.229	ng		99
48) 2-Nitroaniline	9.463	65	239106	53.895	ng		99
49) Acenaphthylene	9.786	152	943926	46.711	ng		100
50) Dimethylphthalate	9.639	163	738918	48.124	ng		100
51) 2,6-Dinitrotoluene	9.704	165	141300	56.010	ng		98
52) Acenaphthene	9.957	154	613218	46.113	ng		99
53) 3-Nitroaniline	9.875	138	163244	53.384	ng		100
54) 2,4-Dinitrophenol	9.975	184	41616	49.728	ng	#	73
55) Dibenzofuran	10.133	168	867169	46.115	ng		100
56) 4-Nitrophenol	10.022	139	121266	49.212	ng		95
57) 2,4-Dinitrotoluene	10.104	165	185701	49.496	ng		99
58) Fluorene	10.475	166	632710	45.259	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	223693	52.440	ng		99
60) Diethylphthalate	10.345	149	692482	48.178	ng		99
61) 4-Chlorophenyl-phenyle...	10.469	204	332223	46.640	ng		98
62) 4-Nitroaniline	10.486	138	152165	52.923	ng		99
63) Azobenzene	10.628	77	722936	47.725	ng		99
65) 4,6-Dinitro-2-methylph...	10.516	198	72195	50.124	ng		90
66) n-Nitrosodiphenylamine	10.586	169	603084	47.203	ng		99
67) 4-Bromophenyl-phenylether	10.957	248	324243	48.975	ng		99
68) Hexachlorobenzene	11.022	284	433735	47.539	ng		99
69) Atrazine	11.110	200	180897	48.894	ng		98
70) Pentachlorophenol	11.216	266	231733	51.024	ng		99
71) Phenanthrene	11.439	178	920438	46.149	ng		100
72) Anthracene	11.492	178	936801	46.825	ng		99
73) Carbazole	11.639	167	814499	46.564	ng		100
74) Di-n-butylphthalate	11.975	149	990005	49.211	ng		100
75) Fluoranthene	12.627	202	926047	46.163	ng		99
77) Benzidine	12.751	184	553563	58.531	ng		99
78) Pyrene	12.857	202	960254	50.323	ng		99
80) Butylbenzylphthalate	13.474	149	356288	53.969	ng		99
81) Benzo(a)anthracene	14.045	228	1009406	48.411	ng		99
82) 3,3'-Dichlorobenzidine	14.010	252	445355	49.304	ng		100
83) Chrysene	14.086	228	882028	46.750	ng		100
84) Bis(2-ethylhexyl)phtha...	14.039	149	489947	50.632	ng		100
85) Di-n-octyl phthalate	14.651	149	875478	49.877	ng		99
87) Indeno(1,2,3-cd)pyrene	17.033	276	2041373	49.707	ng		99
88) Benzo(b)fluoranthene	15.104	252	1356316	49.206	ng		100
89) Benzo(k)fluoranthene	15.133	252	1347591	48.662	ng		100
90) Benzo(a)pyrene	15.474	252	1283604	49.541	ng		100
91) Dibenzo(a,h)anthracene	17.057	278	1673679	49.826	ng		99
92) Benzo(g,h,i)perylene	17.486	276	1623902	50.151	ng		100

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

Quantitation Report (QT Reviewed)

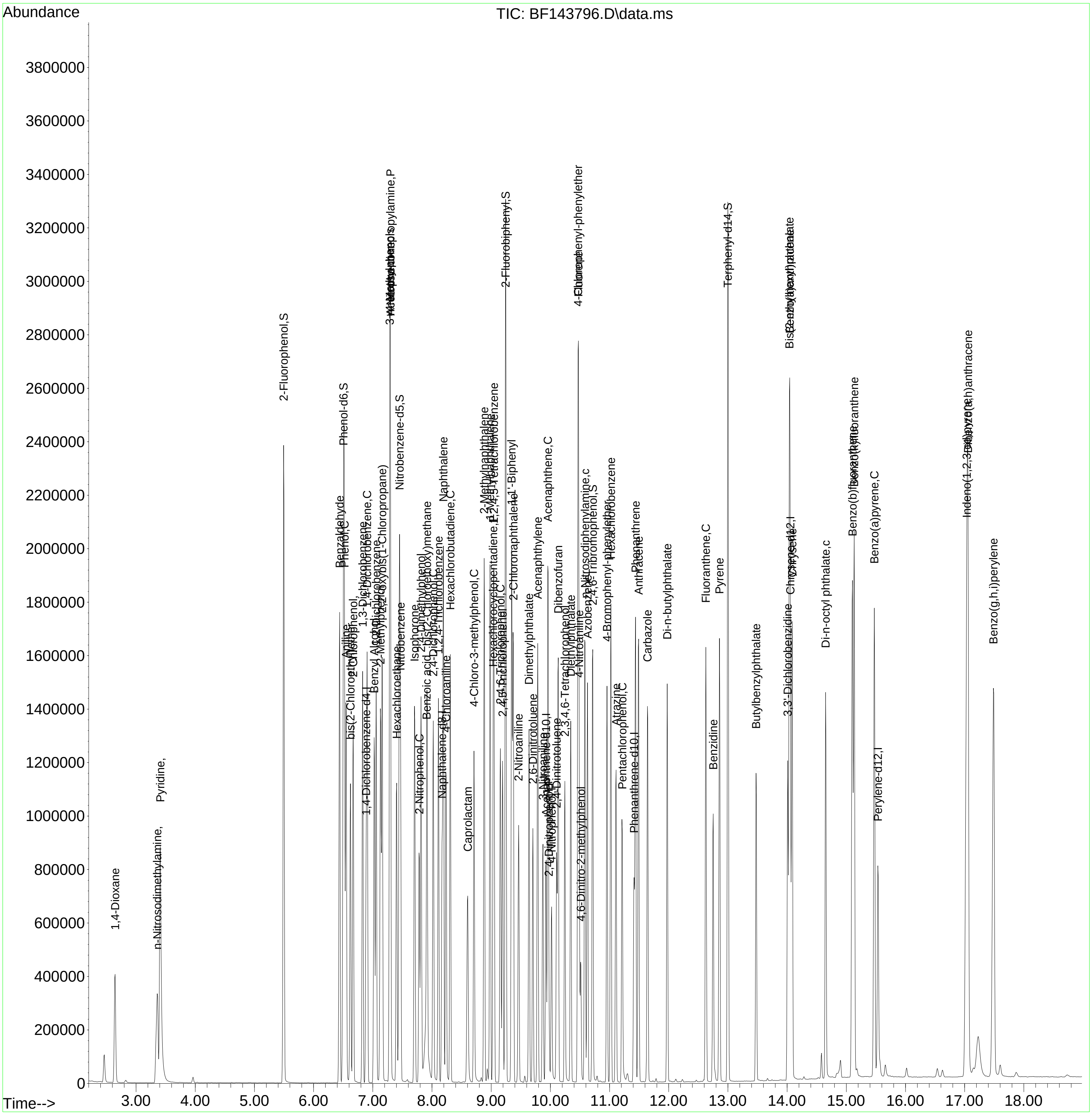
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
Data File : BF143796.D
Acq On : 23 Sep 2025 14:28
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 23 17:06:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 23 16:31:21 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

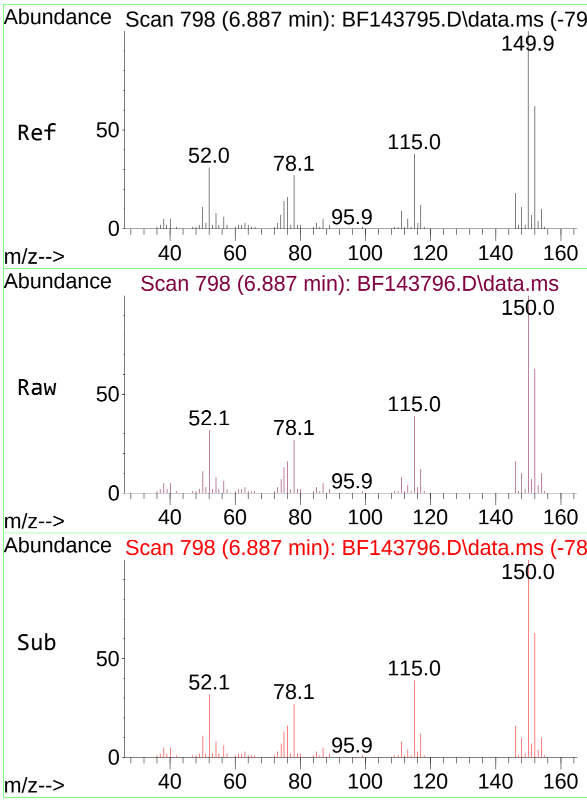
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

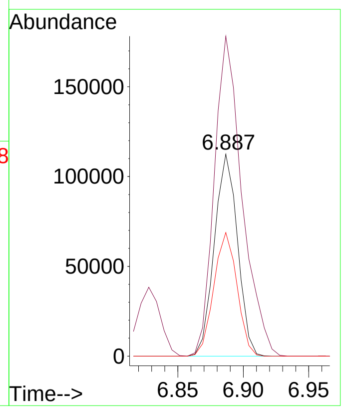
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

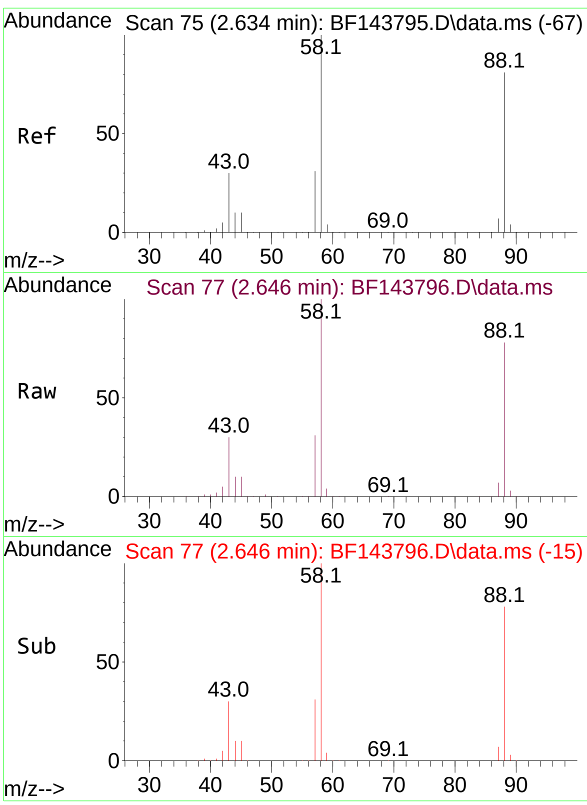


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion:152 Resp: 13868

Ion	Ratio	Lower	Upper
152	100		
150	158.4	129.6	194.4
115	61.2	49.0	73.4

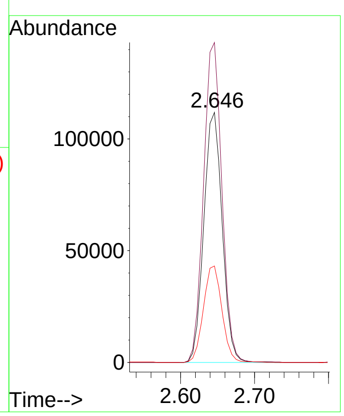




#2
1,4-Dioxane
Concen: 47.331 ng
RT: 2.646 min Scan# 77
Delta R.T. 0.012 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion: 88 Resp: 193379

Ion	Ratio	Lower	Upper
88	100		
58	127.4	99.4	149.2
43	38.9	30.6	45.8

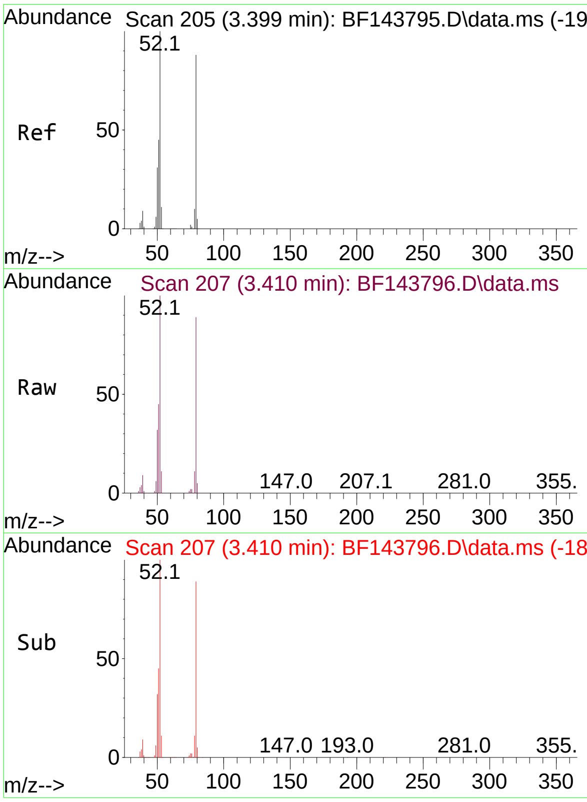


1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

Instrument : BNA_F
ClientSampleId : SSTDICC050

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

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#3
Pyridine
Concen:   48.261 ng
RT:   3.410 min  Scan# 20
Delta R.T.  0.012 min
Lab File:   BF143796.D
Acq: 23 Sep 2025  14:28

Tgt Ion: 79 Resp:  53224
Ion  Ratio  Lower  Upper
 79  100
 52  112.5   90.5  135.7
 51   50.8   40.6   61.0
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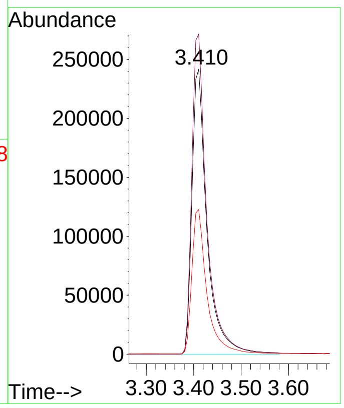

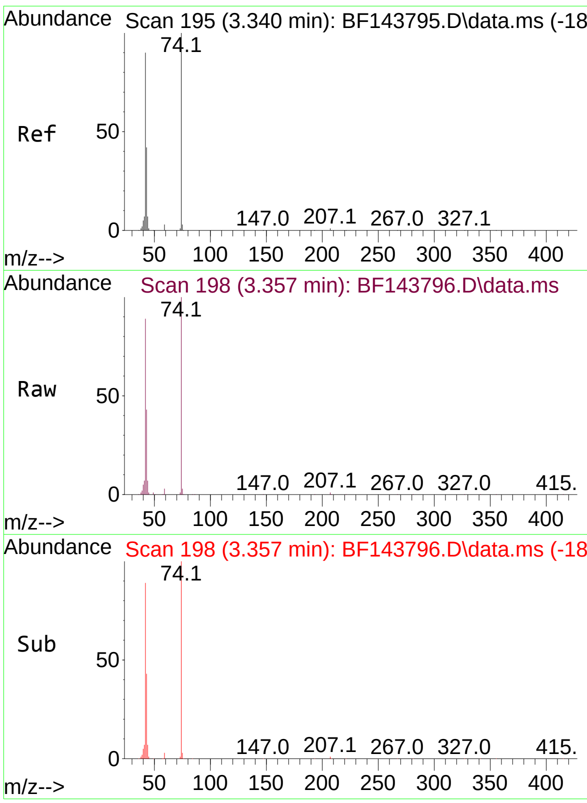


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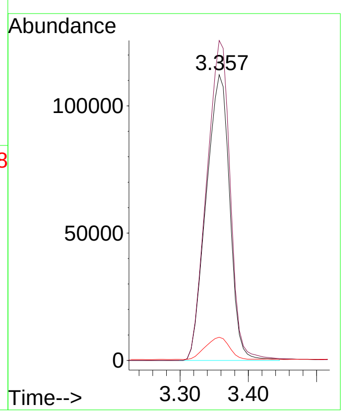
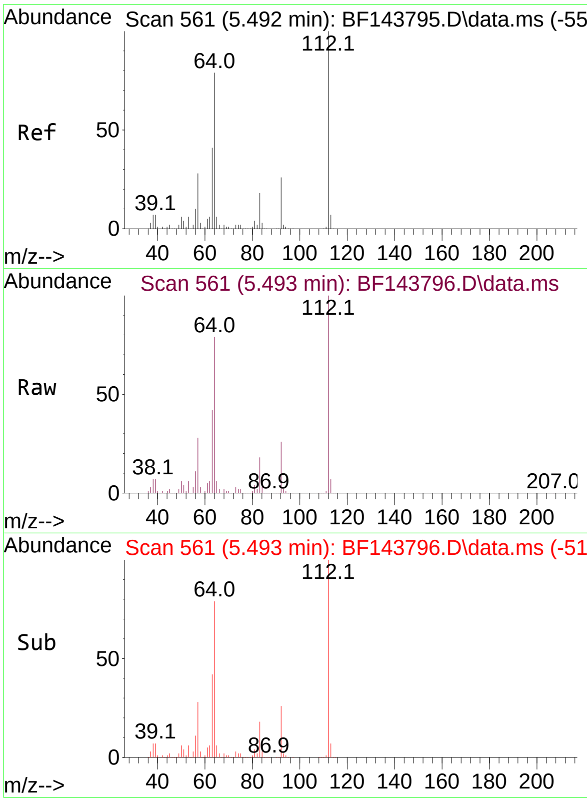
#4
n-Nitrosodimethylamine
Concen:   48.607 ng
RT:   3.357 min  Scan# 198
Delta R.T.  0.000 min
Lab File:   BF143796.D
Acq: 23 Sep 2025  14:28

Tgt Ion: 42 Resp:  268794
Ion  Ratio  Lower  Upper
 42  100
 74  112.0   89.1  133.7
 44    8.1    6.4    9.6
```

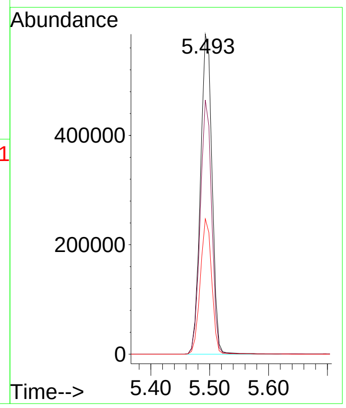




#5
2-Fluorophenol
Concen: 93.013 ng
RT: 5.493 min Scan# 56
Delta R.T. -0.006 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion:112 Resp: 80152

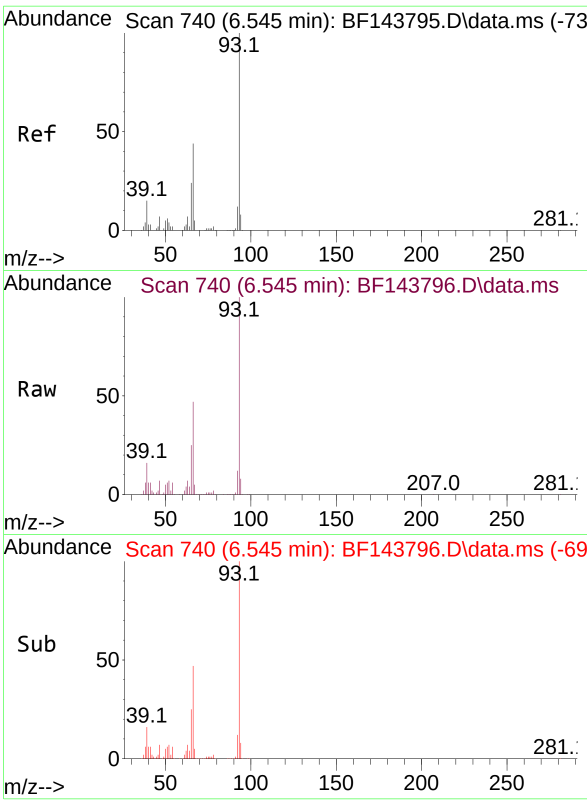
Ion	Ratio	Lower	Upper
112	100		
64	79.4	63.0	94.4
63	42.3	32.6	49.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

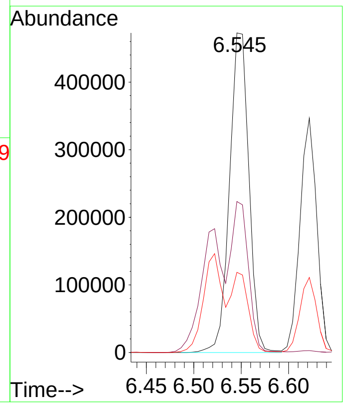
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#6
Aniline
Concen: 46.995 ng
RT: 6.545 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion: 93 Resp: 672706

Ion	Ratio	Lower	Upper
93	100		
66	47.2	37.1	55.7
65	25.1	19.4	29.0



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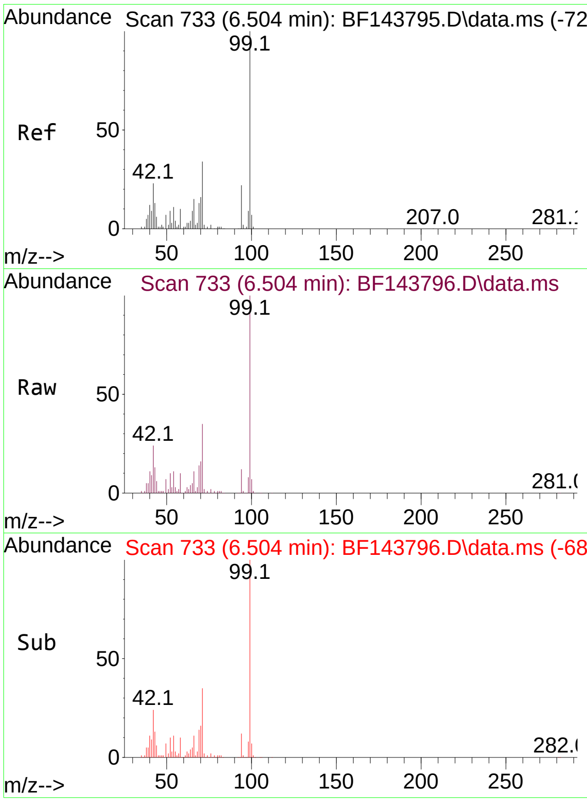


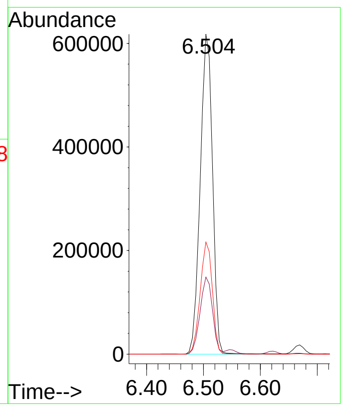
#7
Phenol-d6
Concen: 91.106 ng
RT: 6.504 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion: 99 Resp: 92646

Ion	Ratio	Lower	Upper
99	100		
42	24.1	18.6	28.0
71	35.0	27.0	40.4

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



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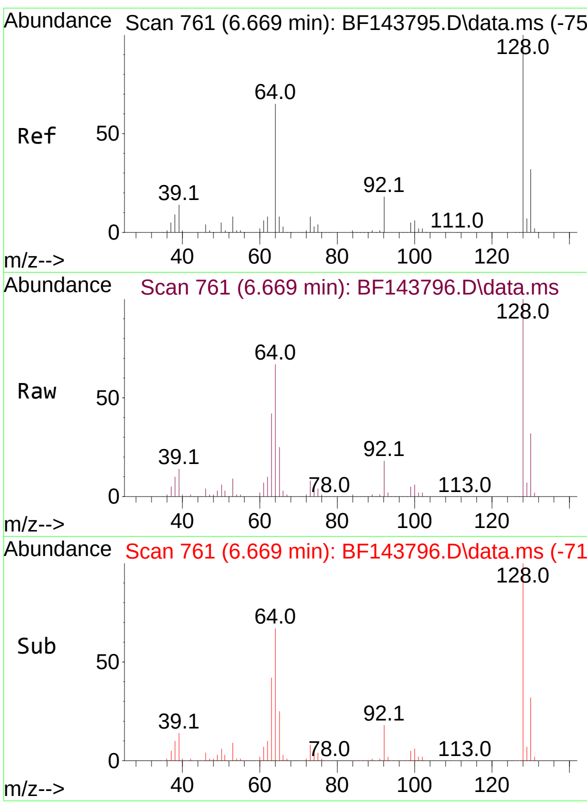
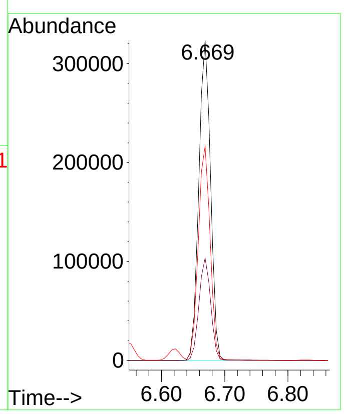


#8
2-Chlorophenol
Concen: 47.967 ng
RT: 6.669 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion:128 Resp: 419160

Ion	Ratio	Lower	Upper
128	100		
130	32.0	12.2	52.2
64	66.9	46.5	86.5



Instrument :
BNA_F
ClientSampleId :
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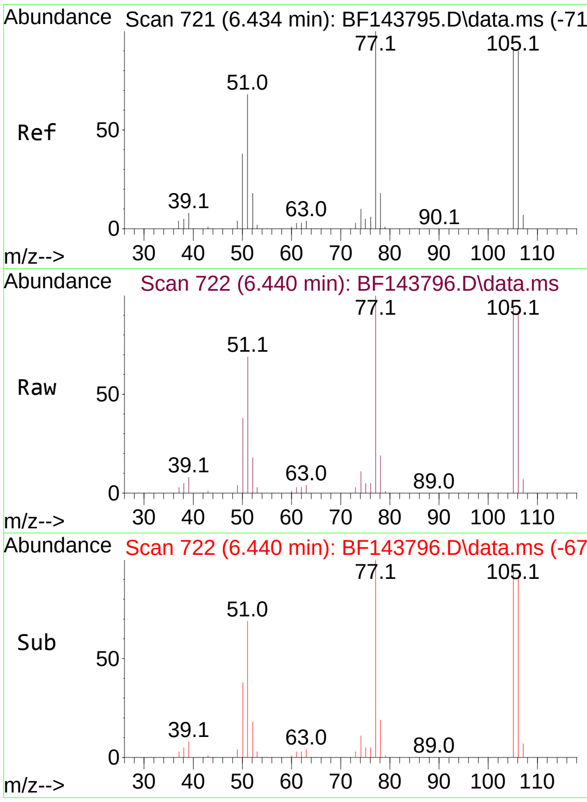
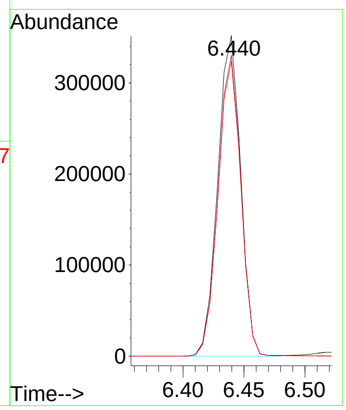
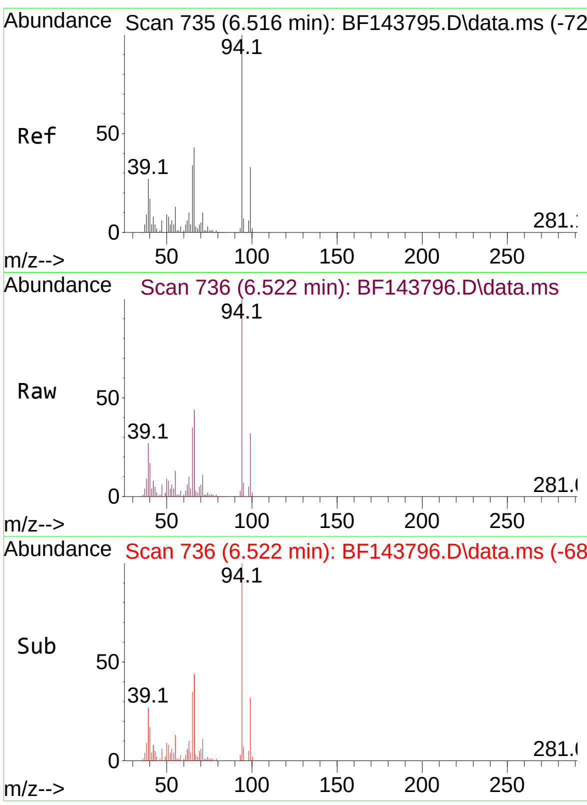


#9
Benzaldehyde
Concen: 53.250 ng
RT: 6.440 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion: 77 Resp: 45991

Ion	Ratio	Lower	Upper
77	100		
105	93.9	71.8	111.8
106	92.0	69.8	109.8

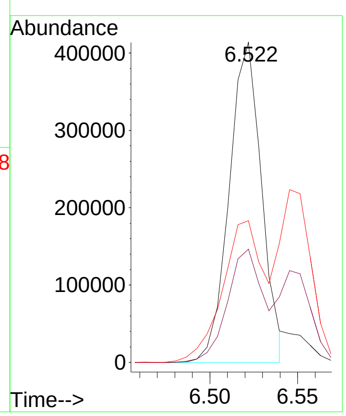




#10
Phenol
Concen: 46.401 ng m
RT: 6.522 min Scan# 736
Delta R.T. -0.006 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion: 94 Resp: 531938

Ion	Ratio	Lower	Upper
94	100		
65	35.4	14.2	54.2
66	44.3	24.1	64.1



Instrument :
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ClientSampleId :
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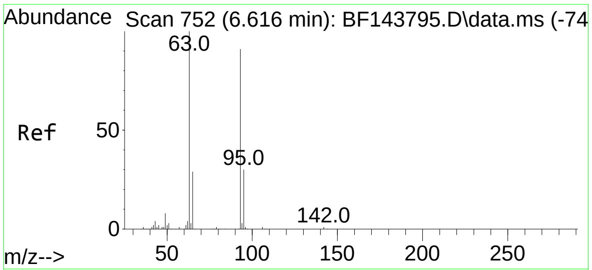
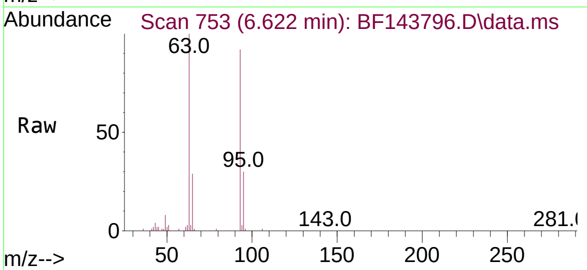
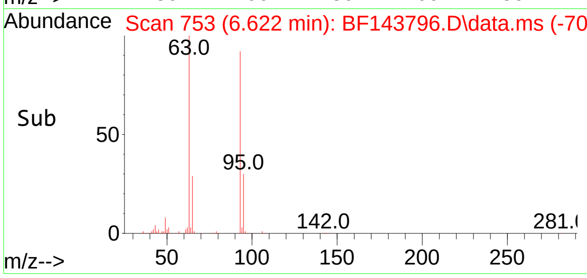


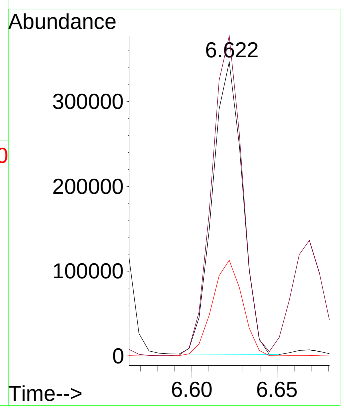


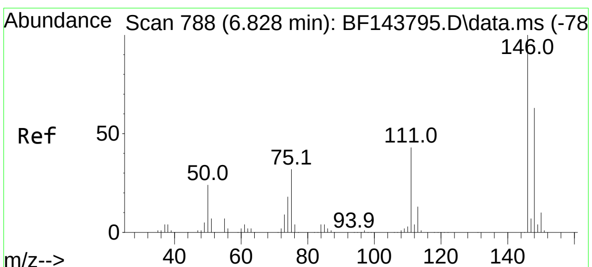


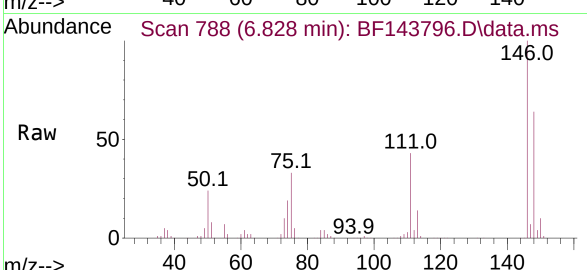
#11
bis(2-Chloroethyl)ether
Concen: 47.173 ng
RT: 6.622 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

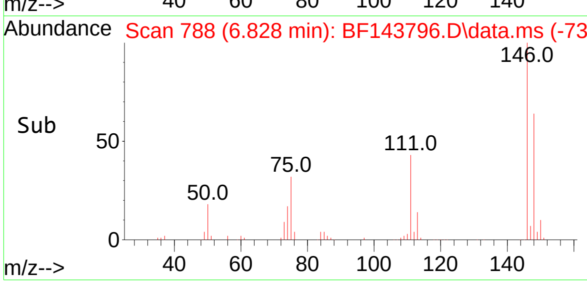
Tgt Ion: 93 Resp: 42391

Ion	Ratio	Lower	Upper
93	100		
63	108.9	89.2	129.2
95	32.5	12.9	52.9





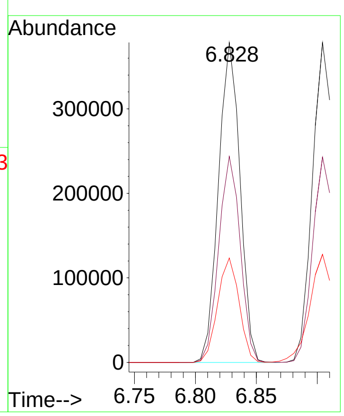


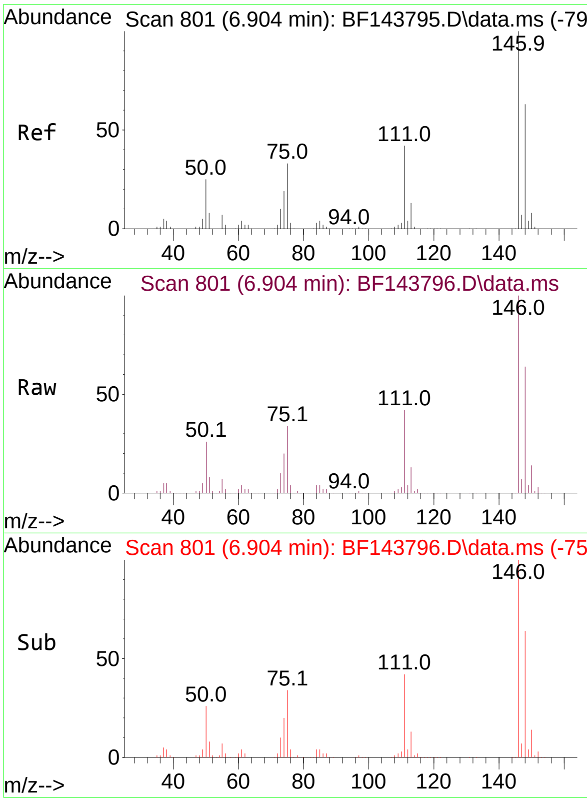


#12
1,3-Dichlorobenzene
Concen: 45.962 ng
RT: 6.828 min Scan# 788
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion:146 Resp: 466330

Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.4	75.6
75	32.6	25.6	38.4





#13
1,4-Dichlorobenzene
Concen: 45.859 ng
RT: 6.904 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion:146 Resp: 464335

Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.7	76.1
111	42.0	33.4	50.2

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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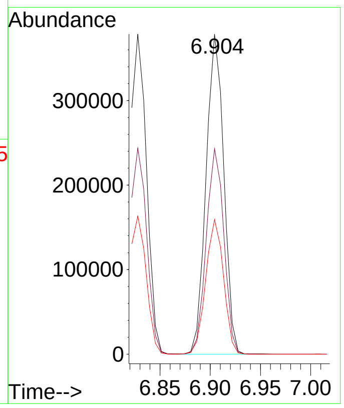
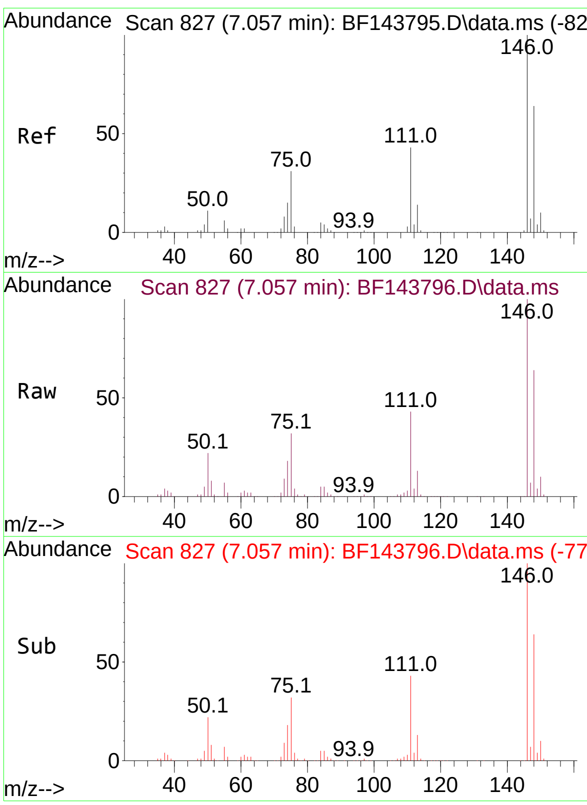
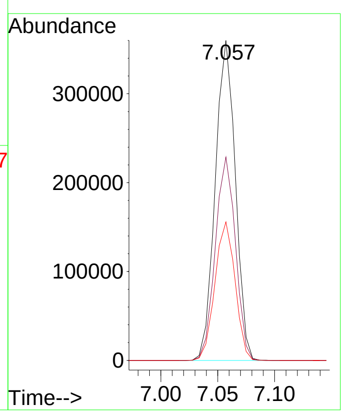




#14
1,2-Dichlorobenzene
Concen: 46.170 ng
RT: 7.057 min Scan# 827
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion:146 Resp: 442761

Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.1	76.7
111	43.3	34.3	51.5



Instrument :
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ClientSampleId :
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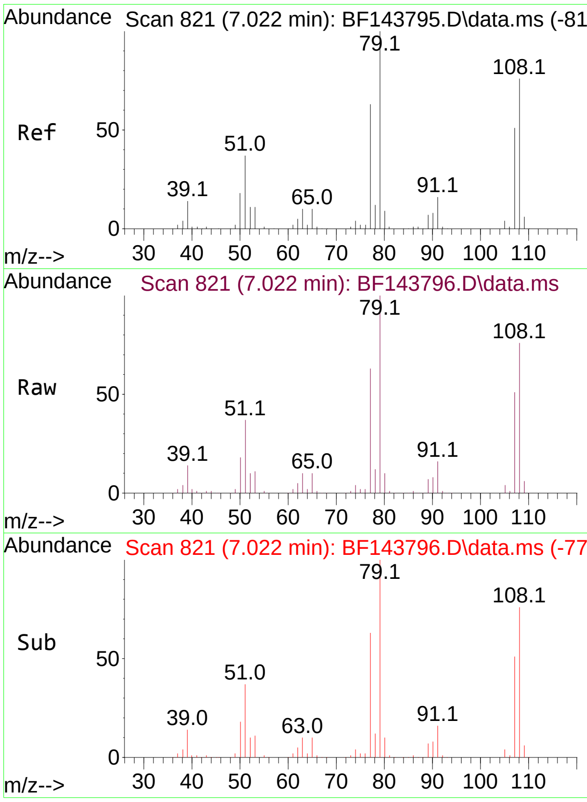
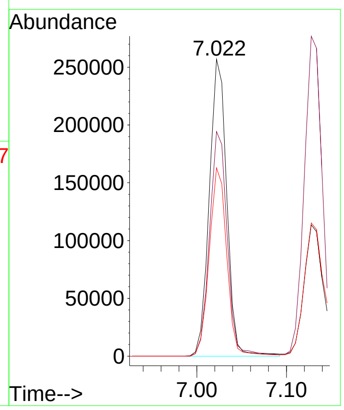
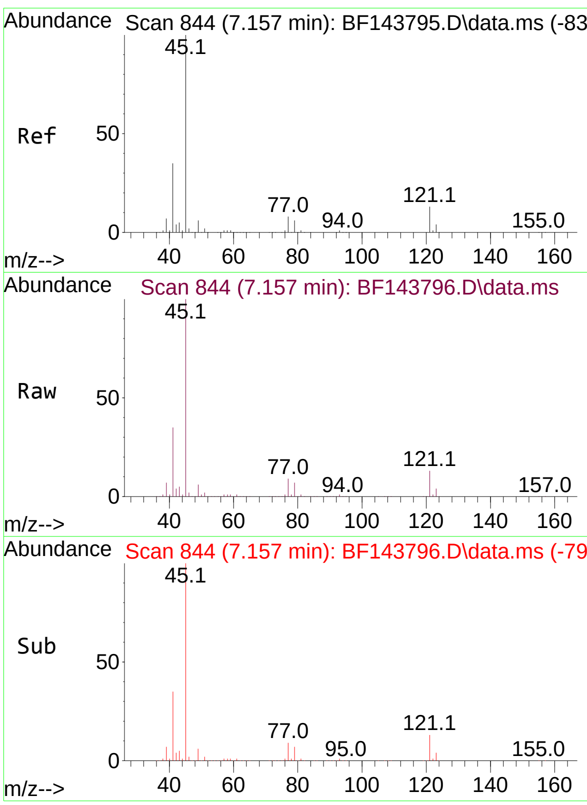


#15
Benzyl Alcohol
Concen: 48.833 ng
RT: 7.022 min Scan# 82
Delta R.T. -0.006 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion: 79 Resp: 348008

Ion	Ratio	Lower	Upper
79	100		
108	75.6	60.5	90.7
77	63.4	50.3	75.5

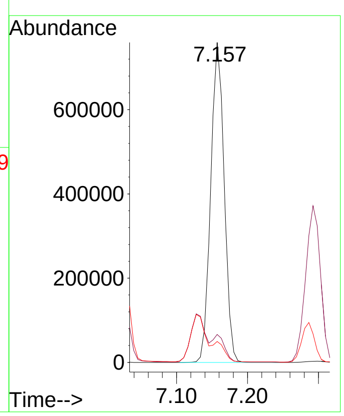




#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.124 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion: 45 Resp: 1004151

Ion	Ratio	Lower	Upper
45	100		
77	8.8	0.0	28.5
79	6.5	0.0	26.3



Instrument :
BNA_F
ClientSampleId :
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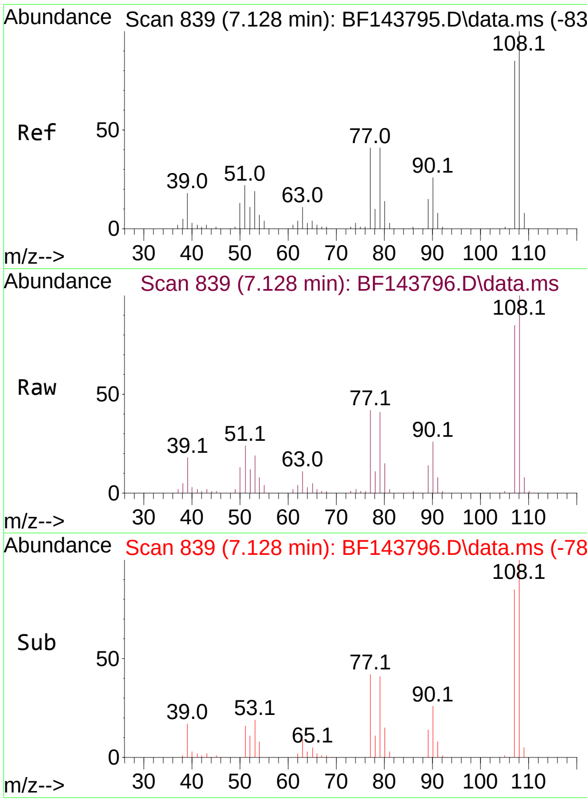
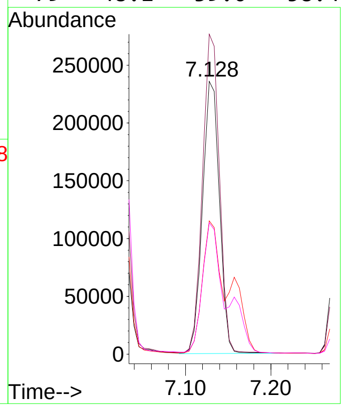
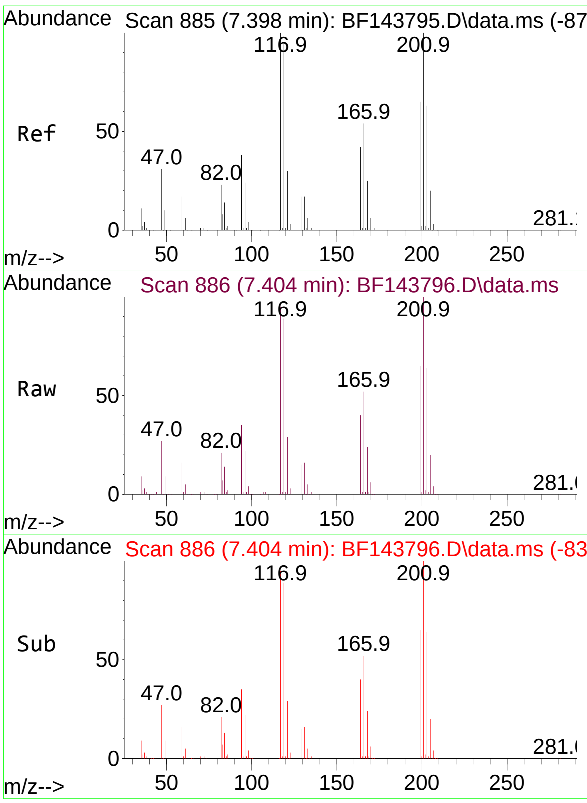


#17
2-Methylphenol
Concen: 48.084 ng
RT: 7.128 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion:107 Resp: 325304

Ion	Ratio	Lower	Upper
107	100		
108	117.3	94.2	141.4
77	48.8	38.6	58.0
79	48.1	39.0	58.4

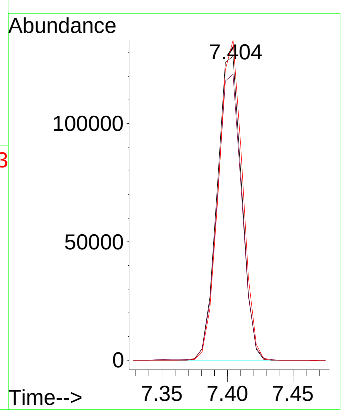




#18
Hexachloroethane
Concen: 46.905 ng
RT: 7.404 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion:117 Resp: 167022

Ion	Ratio	Lower	Upper
117	100		
119	94.1	76.2	114.2
201	105.4	79.7	119.5



ICAL Form

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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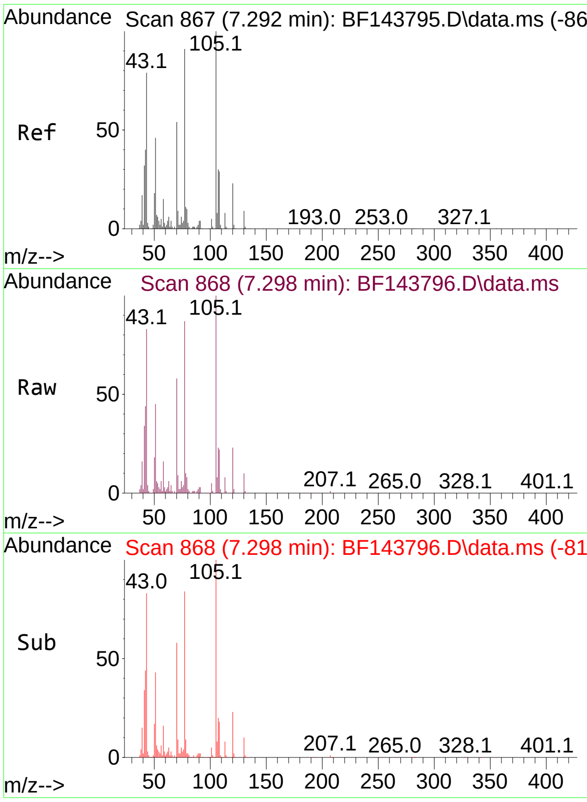
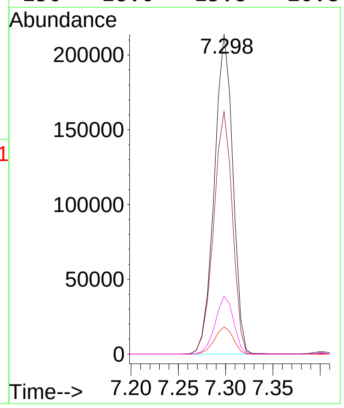
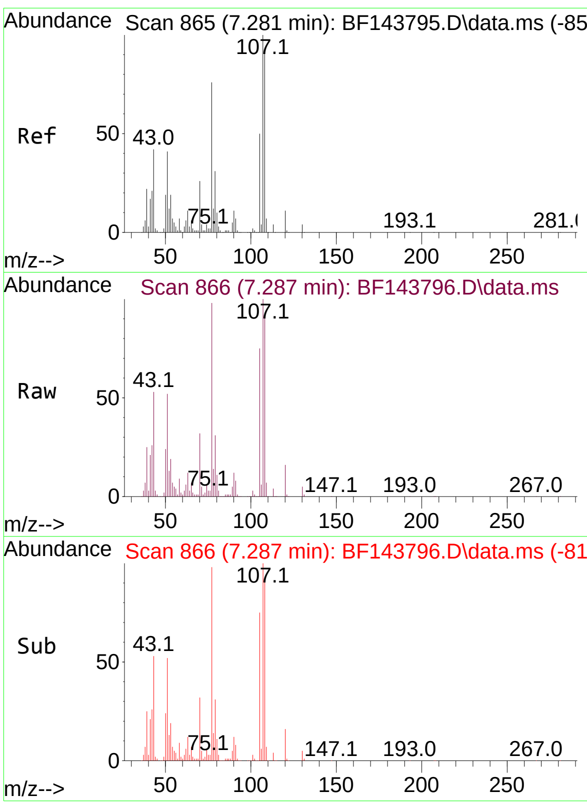


#19
n-Nitroso-di-n-propylamine
Concen: 46.054 ng
RT: 7.298 min Scan# 8(
Delta R.T. -0.006 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion: 70 Resp: 29208

Ion	Ratio	Lower	Upper
70	100		
42	75.8	59.4	89.0
101	8.5	7.1	10.7
130	18.0	13.8	20.8

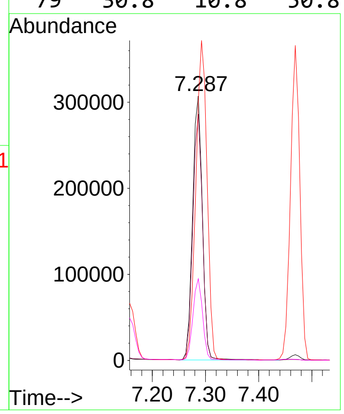




#20
3+4-Methylphenols
Concen: 47.855 ng
RT: 7.287 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion:107 Resp: 394272

Ion	Ratio	Lower	Upper
107	100		
108	93.1	72.5	112.5
77	98.0	56.2	96.2#
79	30.8	10.8	50.8



Instrument : BNA_F
ClientSampleId : SSTDICC050

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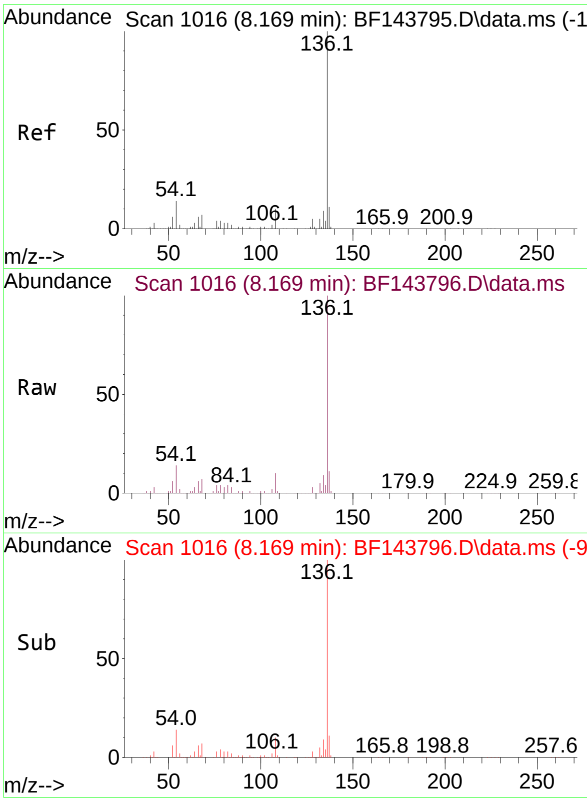
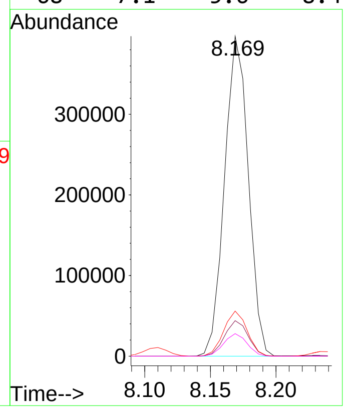
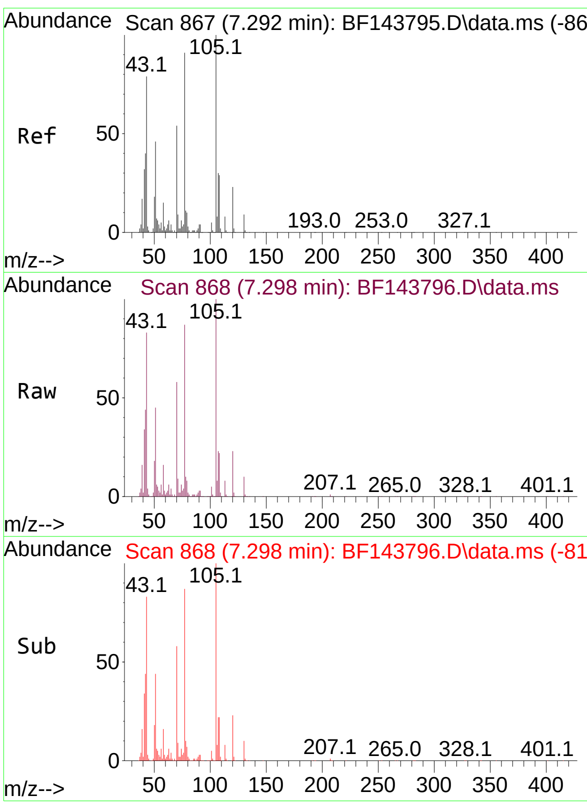


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion:136 Resp: 50195

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	14.1	11.2	16.8
68	7.1	5.6	8.4

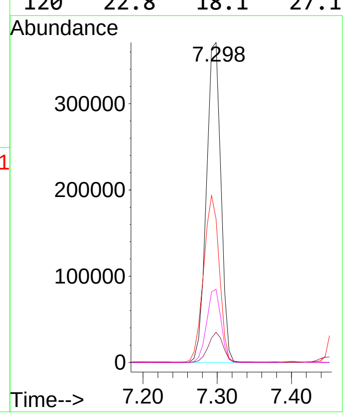




#22
Acetophenone
Concen: 45.695 ng
RT: 7.298 min Scan# 868
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion:105 Resp: 503776

Ion	Ratio	Lower	Upper
105	100		
71	9.4	7.0	10.4
51	44.8	36.6	55.0
120	22.8	18.1	27.1



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

Instrument :
BNA_F
ClientSampleId :
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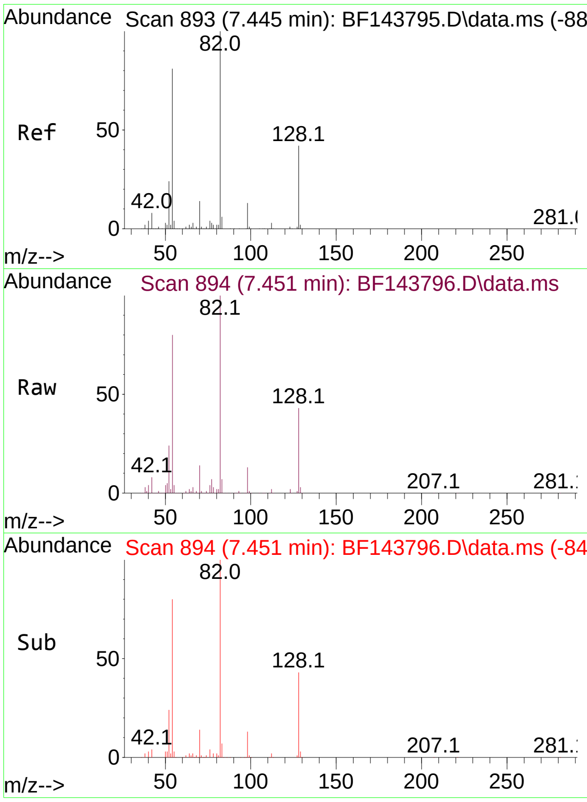
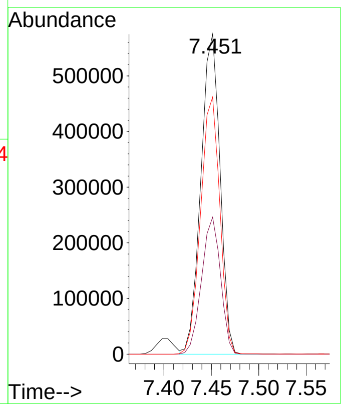
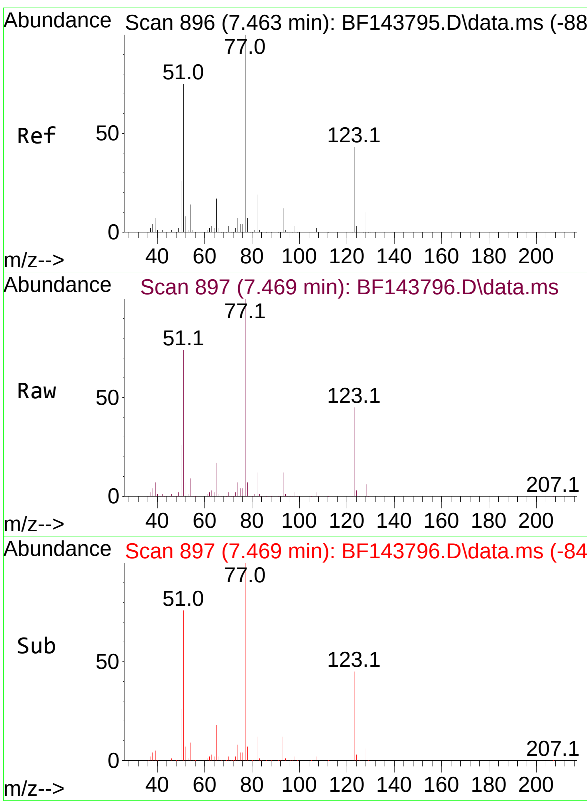


#23
Nitrobenzene-d5
Concen: 101.372 ng
RT: 7.451 min Scan# 89
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion: 82 Resp: 808554

Ion	Ratio	Lower	Upper
82	100		
128	42.8	33.3	49.9
54	80.3	64.2	96.4

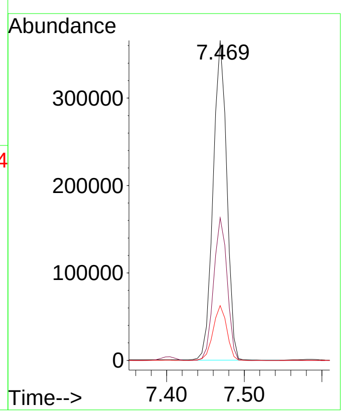


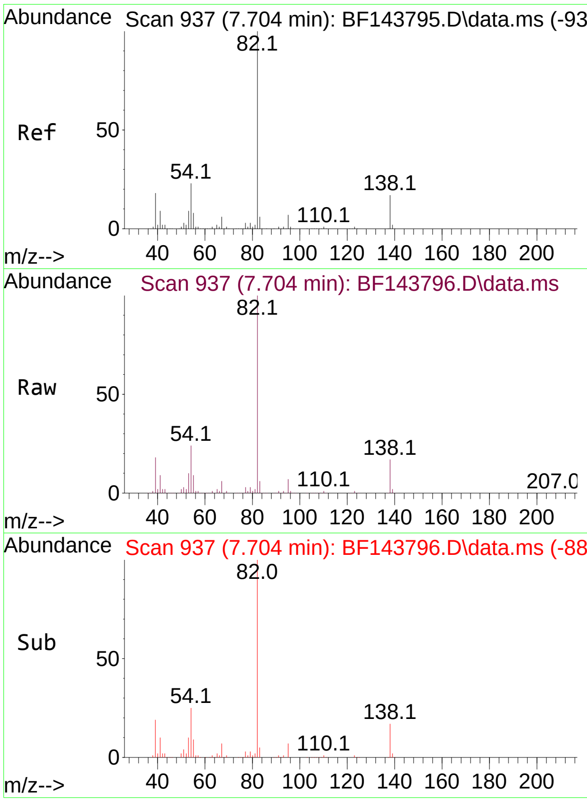


#24
Nitrobenzene
Concen: 49.320 ng
RT: 7.469 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion: 77 Resp: 448291

Ion	Ratio	Lower	Upper
77	100		
123	44.6	34.0	51.0
65	17.1	13.5	20.3

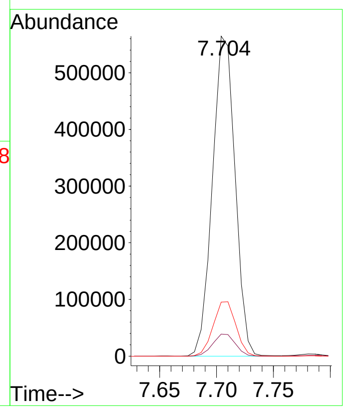




#25
Isophorone
Concen: 48.987 ng
RT: 7.704 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion: 82 Resp: 78280

Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.4	8.2
138	16.9	13.7	20.5



Instrument :
BNA_F
ClientSampleId :
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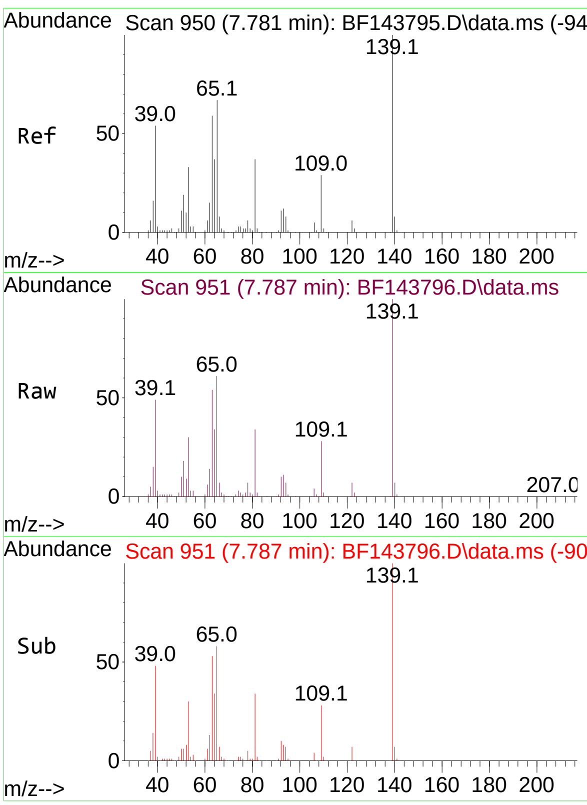
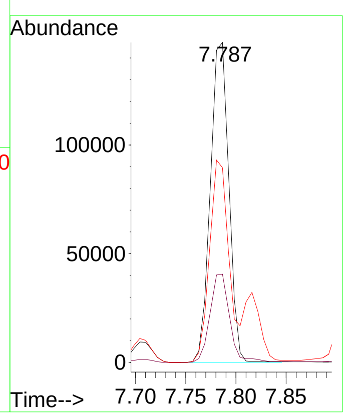
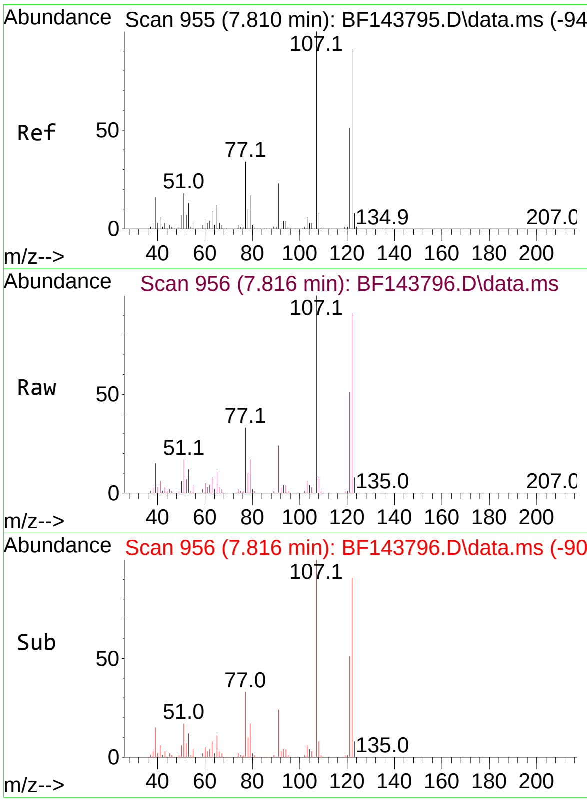


#26
2-Nitrophenol
Concen: 50.281 ng
RT: 7.787 min Scan# 951
Delta R.T. 0.001 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion:139 Resp: 188140

Ion	Ratio	Lower	Upper
139	100		
109	27.6	23.3	34.9
65	60.8	53.8	80.6





#27
2,4-Dimethylphenol
Concen: 49.214 ng
RT: 7.816 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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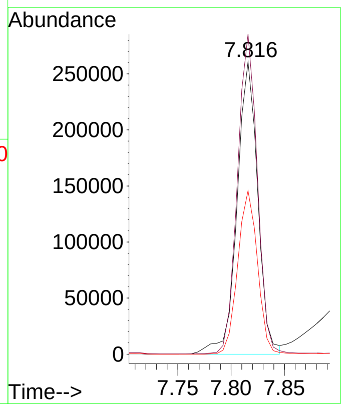
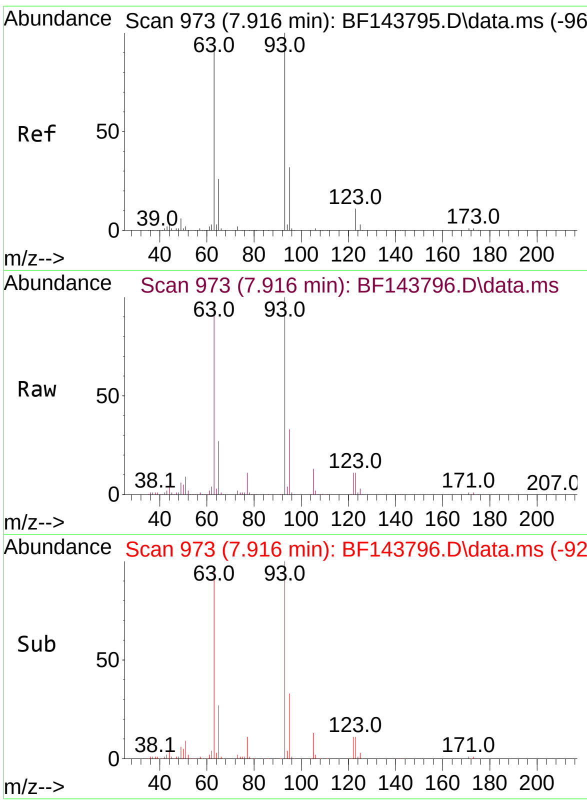
Tgt Ion:122 Resp: 351504

Ion	Ratio	Lower	Upper
122	100		
107	109.4	87.5	131.3
121	55.9	44.2	66.4

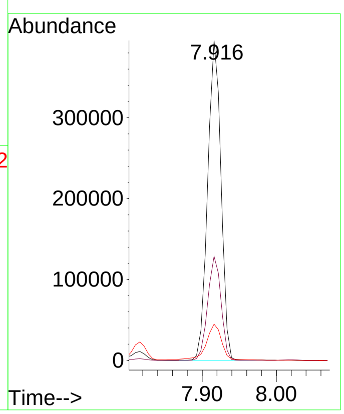




#28
bis(2-Chloroethoxy)methane
Concen: 47.470 ng
RT: 7.916 min Scan# 973
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion: 93 Resp: 492835

Ion	Ratio	Lower	Upper
93	100		
95	32.5	25.8	38.8
123	11.3	8.8	13.2



Instrument :
BNA_F
ClientSampleId :
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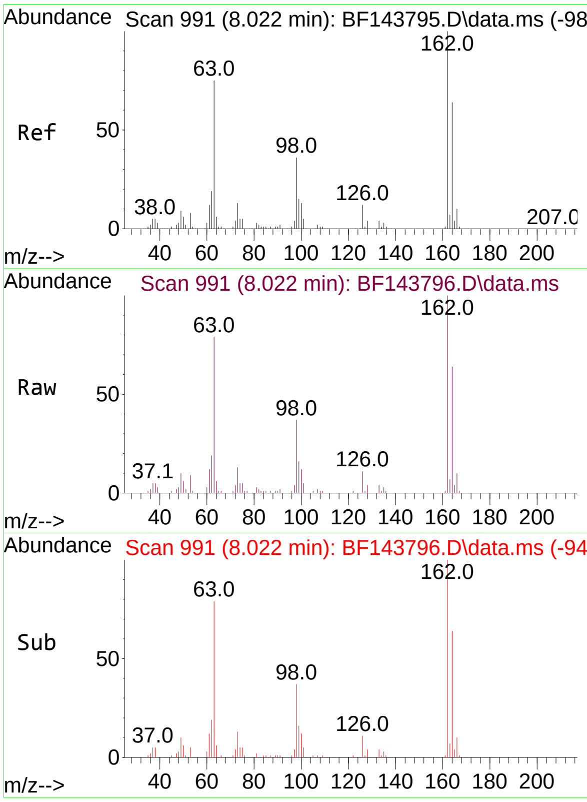
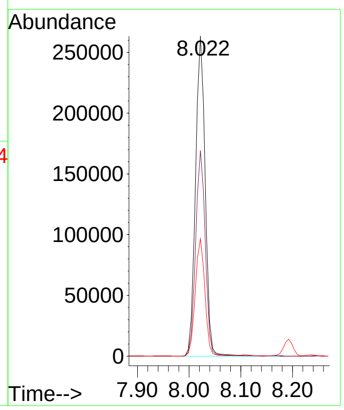
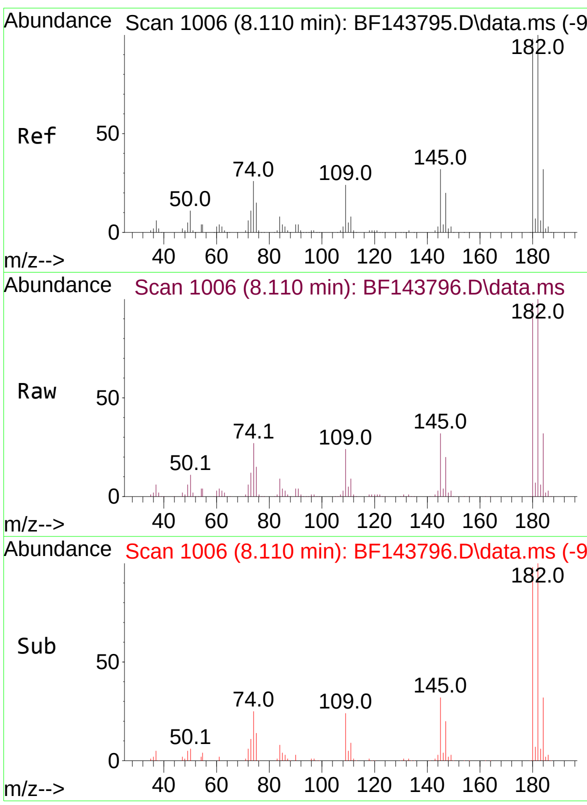


#29
2,4-Dichlorophenol
Concen: 48.801 ng
RT: 8.022 min Scan# 99
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion:162 Resp: 34296

Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.1	84.1
98	36.7	15.8	55.8

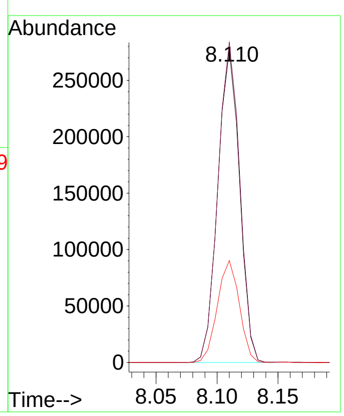


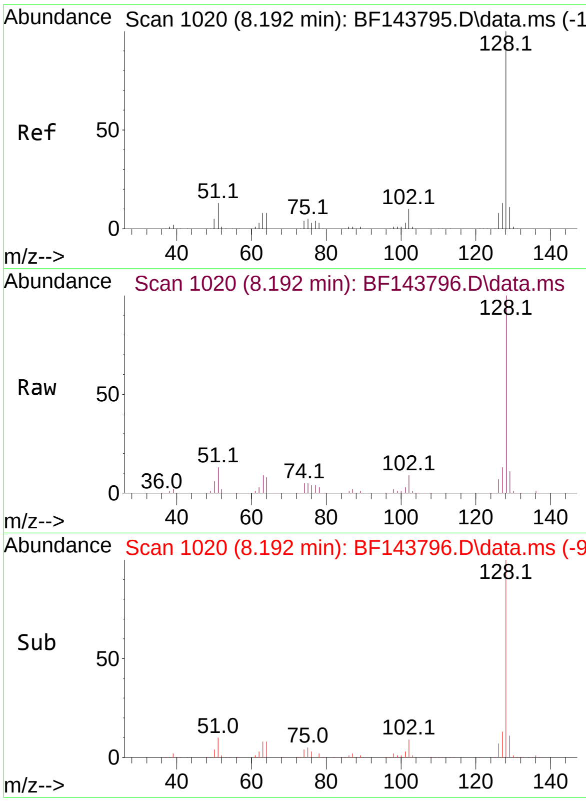


#30
1,2,4-Trichlorobenzene
Concen: 47.353 ng
RT: 8.110 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion:180 Resp: 345360

Ion	Ratio	Lower	Upper
180	100		
182	102.5	82.0	123.0
145	32.6	25.9	38.9

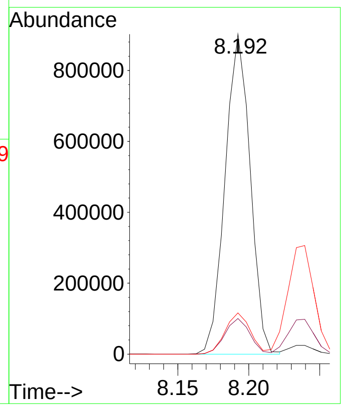




#31
Naphthalene
Concen: 46.304 ng
RT: 8.192 min   Scan# 1(
Delta R.T.   0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025   14:28

Tgt Ion:128 Resp: 1112658

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	12.9	10.2	15.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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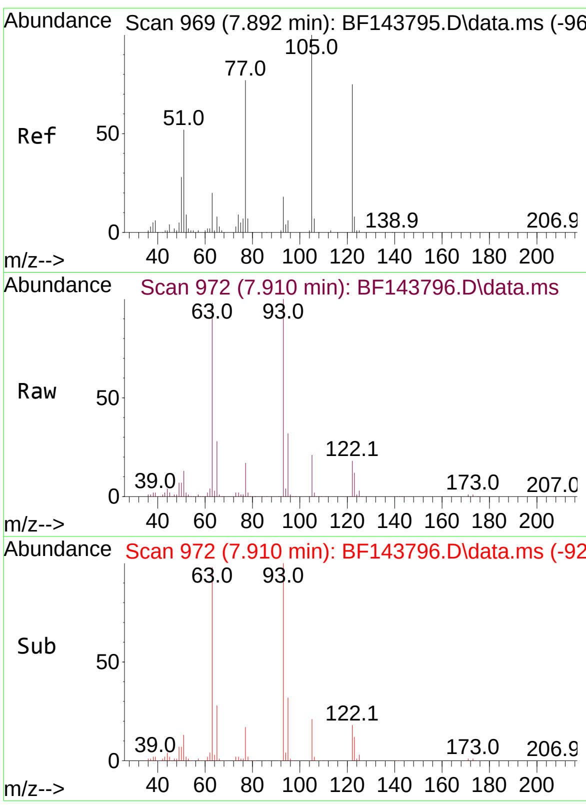
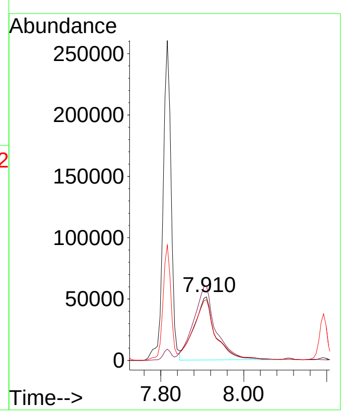


#32
Benzoic acid
Concen: 53.967 ng
RT: 7.910 min   Scan# 972
Delta R.T.   -0.012 min
Lab File: BF143796.D
Acq: 23 Sep 2025   14:28

Tgt Ion:122 Resp: 185973

Ion	Ratio	Lower	Upper
122	100		
105	117.7	103.7	143.7
77	95.5	78.8	118.8



Instrument :
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ClientSampleId :
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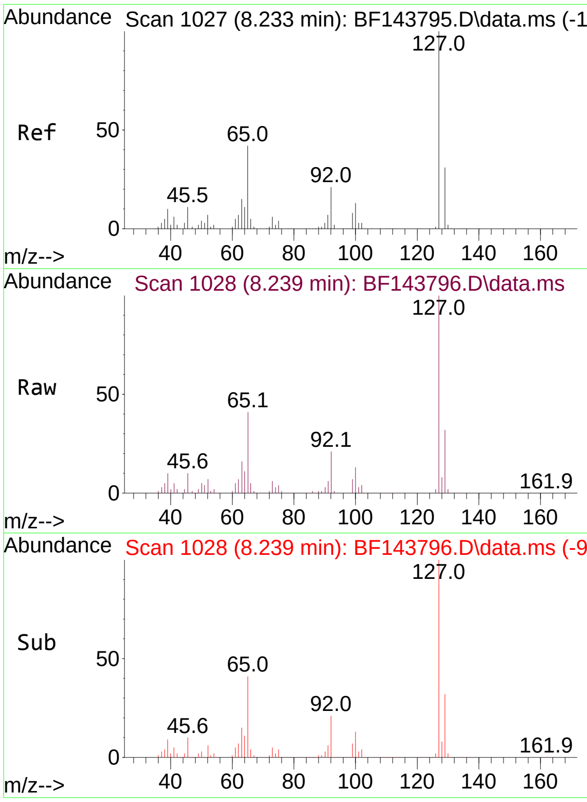
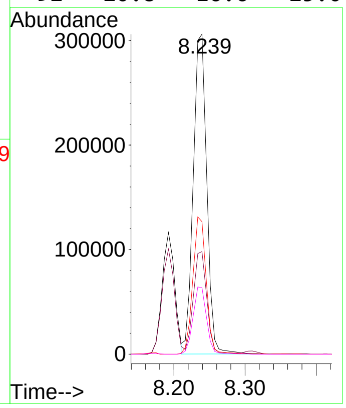
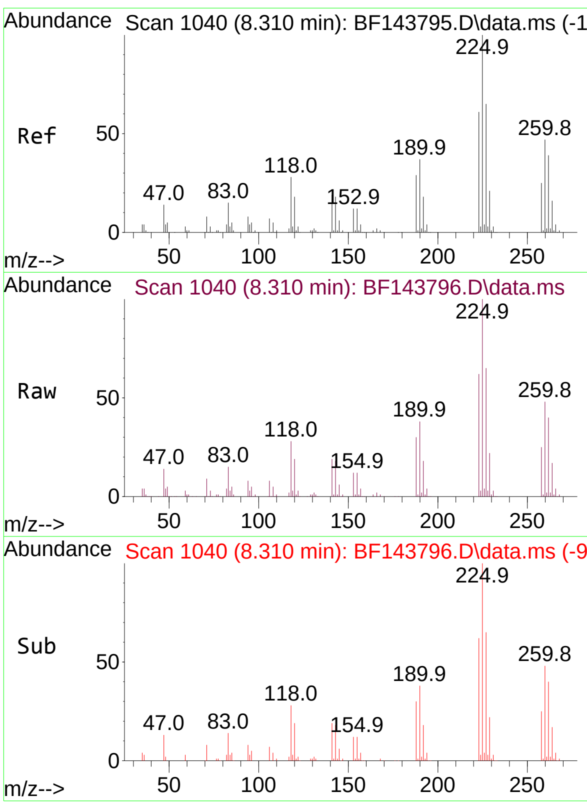


#33
4-Chloroaniline
Concen: 48.005 ng
RT: 8.239 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion:127 Resp: 405365

Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.4	38.2
65	41.4	33.4	50.2
92	20.8	16.6	25.0

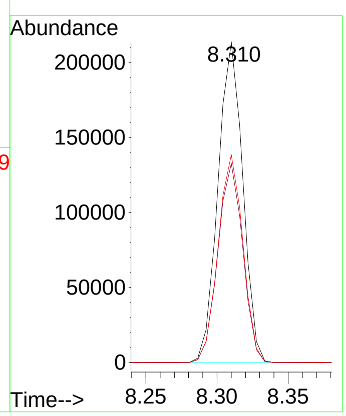




#34
Hexachlorobutadiene
Concen: 47.570 ng
RT: 8.310 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion:225 Resp: 258638

Ion	Ratio	Lower	Upper
225	100		
223	62.1	48.6	72.8
227	64.9	51.9	77.9



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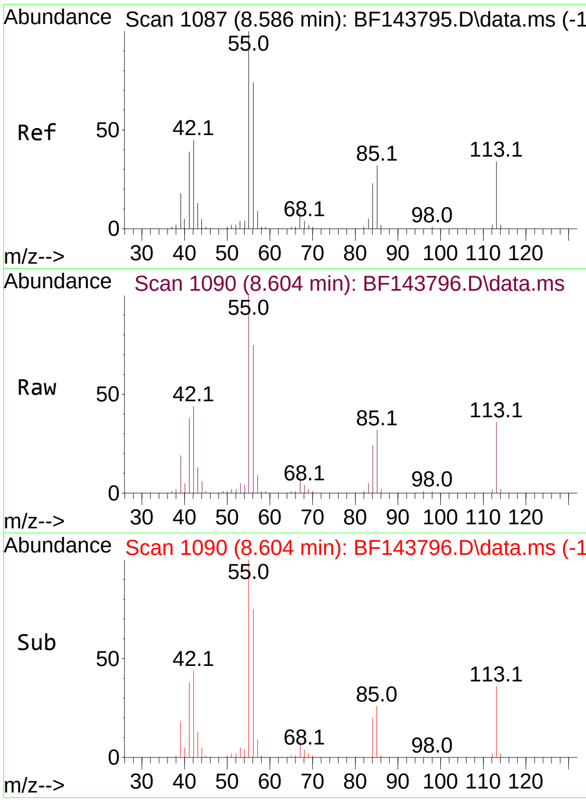

#35
Caprolactam
Concen: 51.444 ng
RT: 8.604 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:113 Resp: 92410

Ion	Ratio	Lower	Upper
113	100		
55	279.5	271.7	311.7
56	210.0	194.5	234.5

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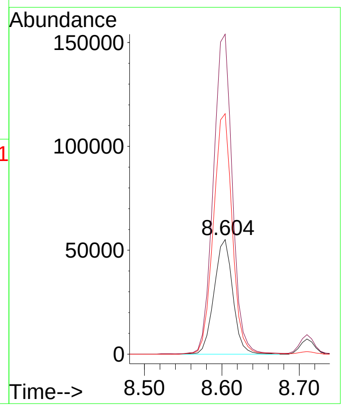
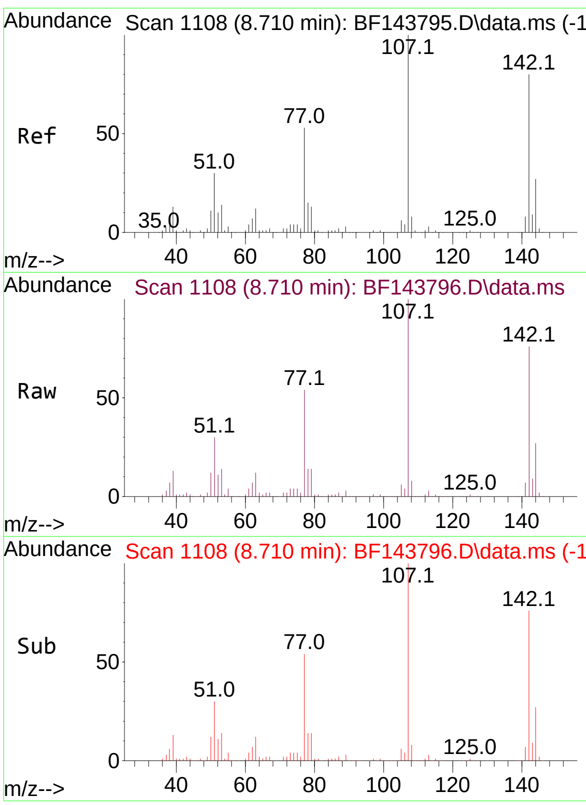
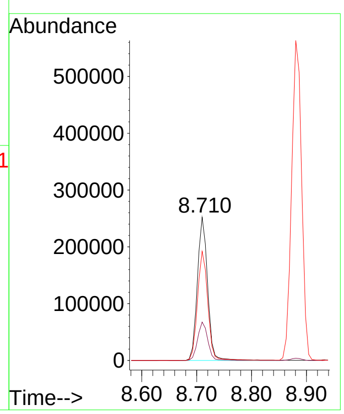




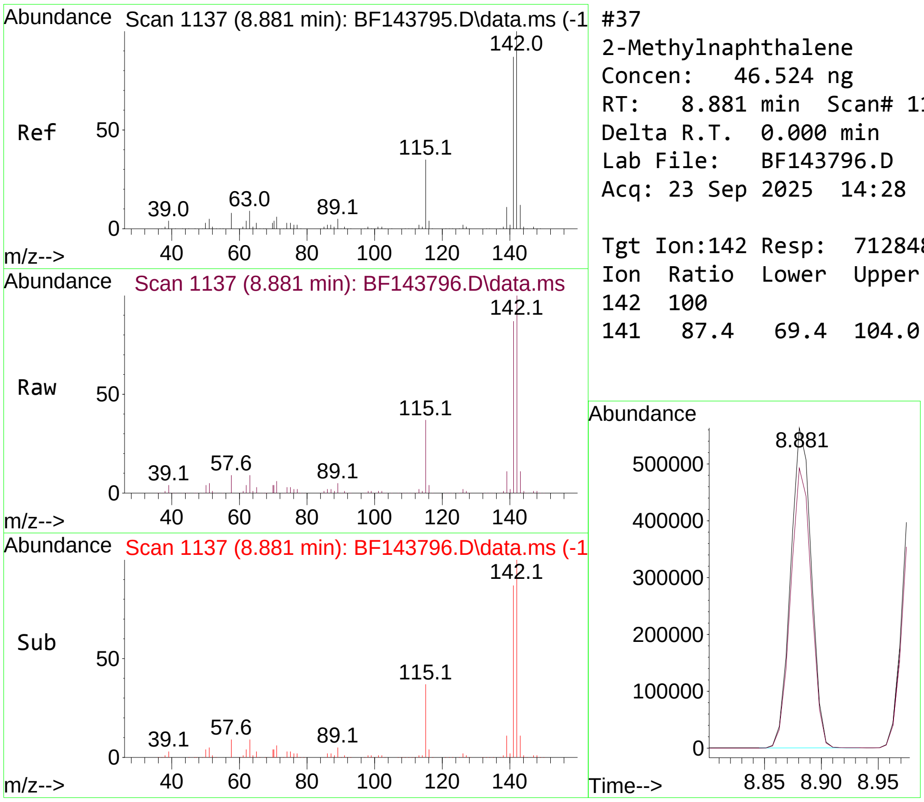
#36
4-Chloro-3-methylphenol
Concen: 49.707 ng
RT: 8.710 min Scan# 1108
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion:107 Resp: 327629

Ion	Ratio	Lower	Upper
107	100		
144	26.8	21.8	32.8
142	76.2	63.6	95.4



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18



#37
2-Methylnaphthalene
Concen: 46.524 ng
RT: 8.881 min Scan# 1137
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion:142 Resp: 712848

Ion	Ratio	Lower	Upper
142	100		
141	87.4	69.4	104.0

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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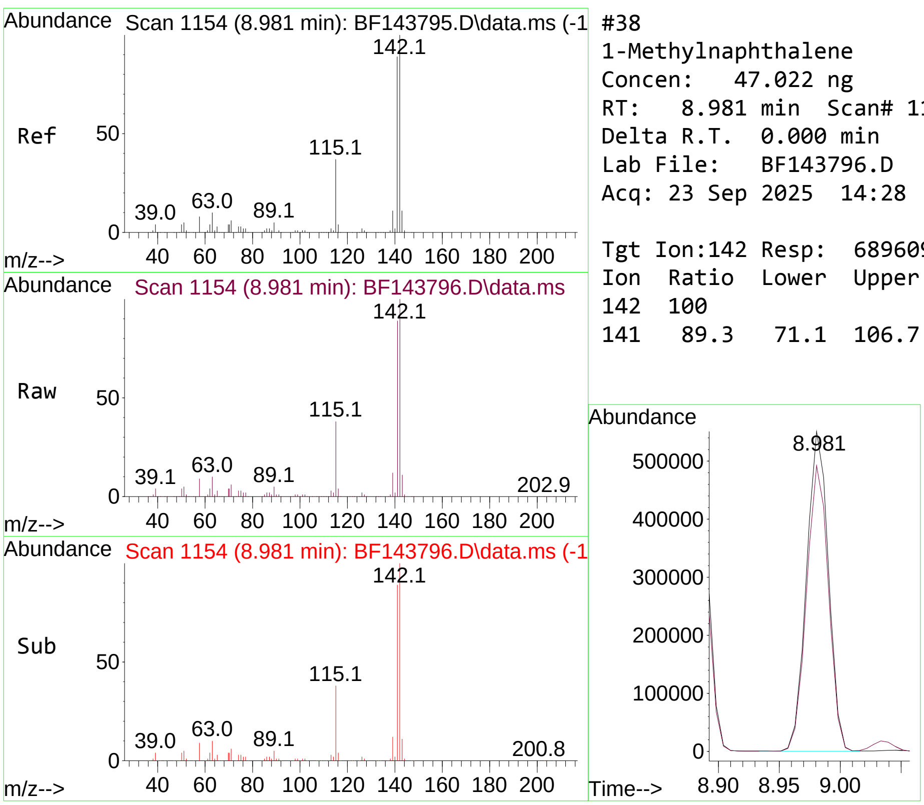
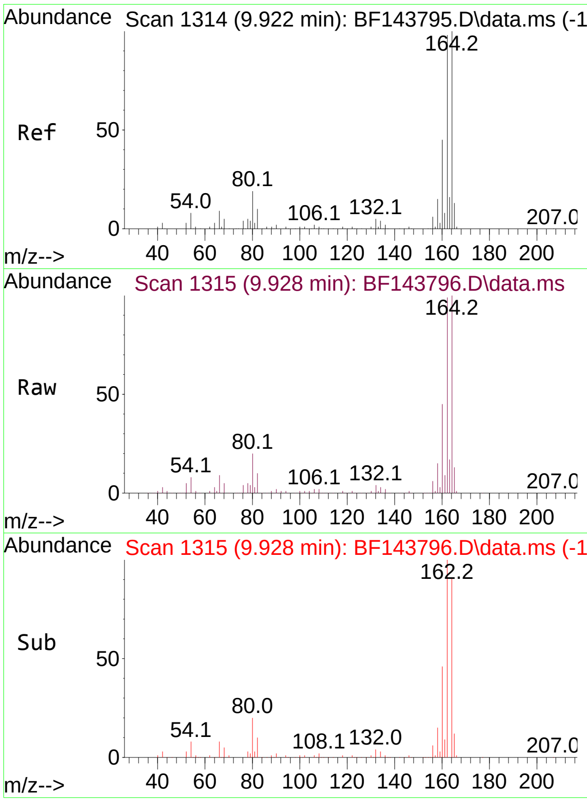
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18



#38
1-Methylnaphthalene
Concen: 47.022 ng
RT: 8.981 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion:142 Resp: 689609

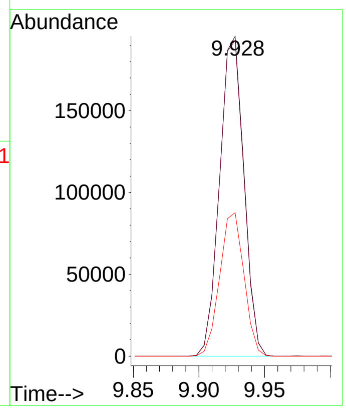
Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.1	106.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min   Scan# 13
Delta R.T.   -0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025   14:28

Tgt Ion:164 Resp: 25192

Ion	Ratio	Lower	Upper
164	100		
162	98.6	78.8	118.2
160	44.8	35.8	53.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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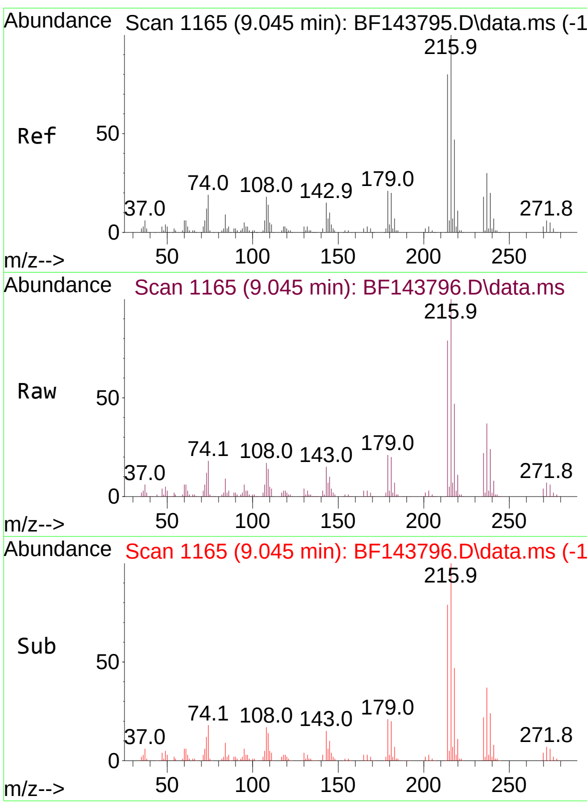
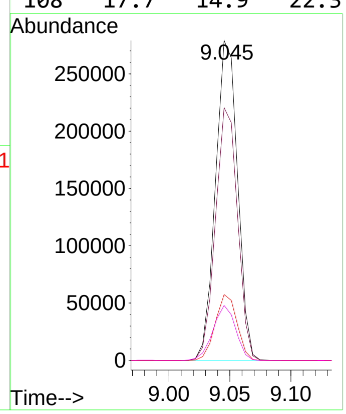
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.300 ng
RT: 9.045 min   Scan# 1165
Delta R.T.   -0.006 min
Lab File: BF143796.D
Acq: 23 Sep 2025   14:28

Tgt Ion:216 Resp: 351998

Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.7	95.5
179	20.3	16.5	24.7
108	17.7	14.9	22.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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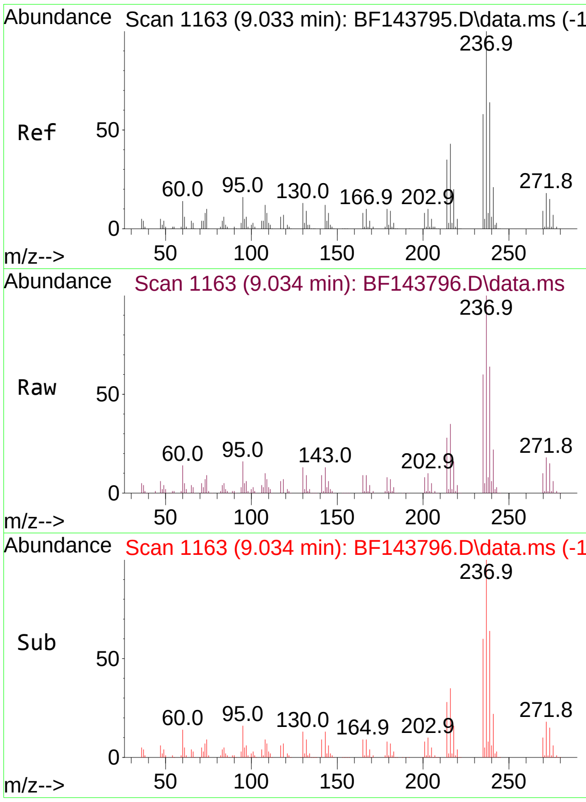
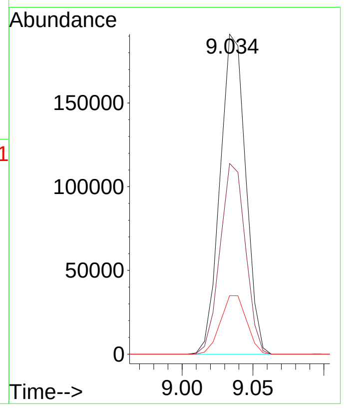
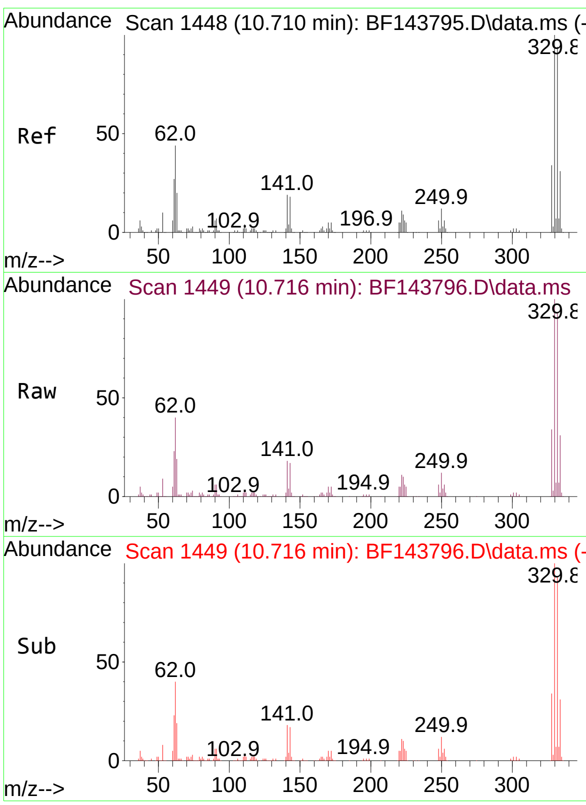



```
#41
Hexachlorocyclopentadiene
Concen:   49.894 ng
RT:   9.034 min   Scan# 11
Delta R.T.   -0.006 min
Lab File:   BF143796.D
Acq: 23 Sep 2025   14:28

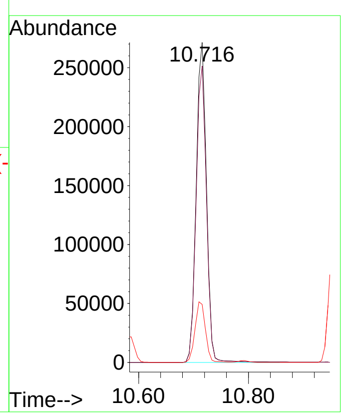
Tgt Ion:237 Resp:  24040
Ion  Ratio  Lower  Upper
237  100
235   59.6   38.1   78.1
272   18.3    0.0   37.9
```






```
#42
2,4,6-Tribromophenol
Concen:   98.591 ng
RT:  10.716 min   Scan# 1449
Delta R.T.   0.000 min
Lab File:   BF143796.D
Acq: 23 Sep 2025   14:28

Tgt Ion:330 Resp:   354459
Ion  Ratio  Lower  Upper
330  100
332   92.9   74.7  112.1
141   19.2   14.3   21.5
```



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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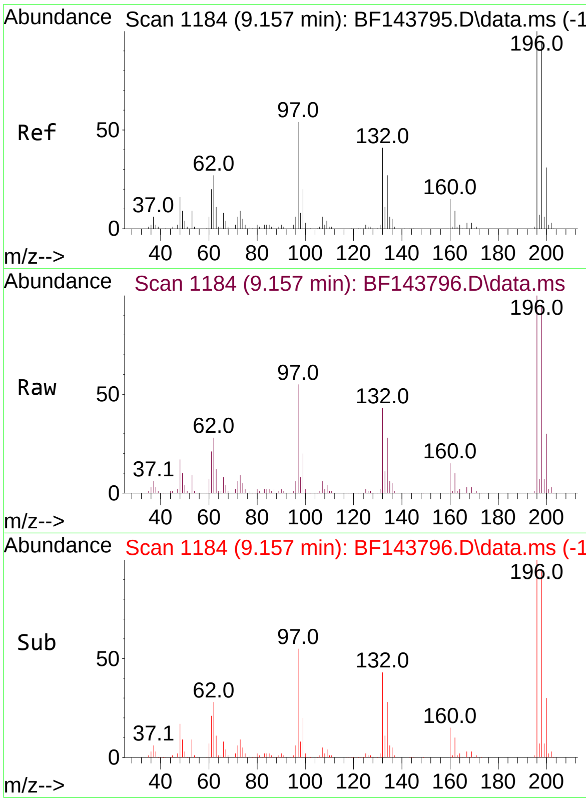
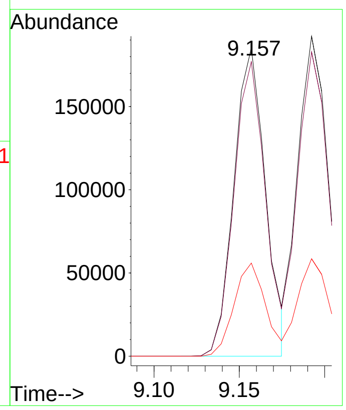
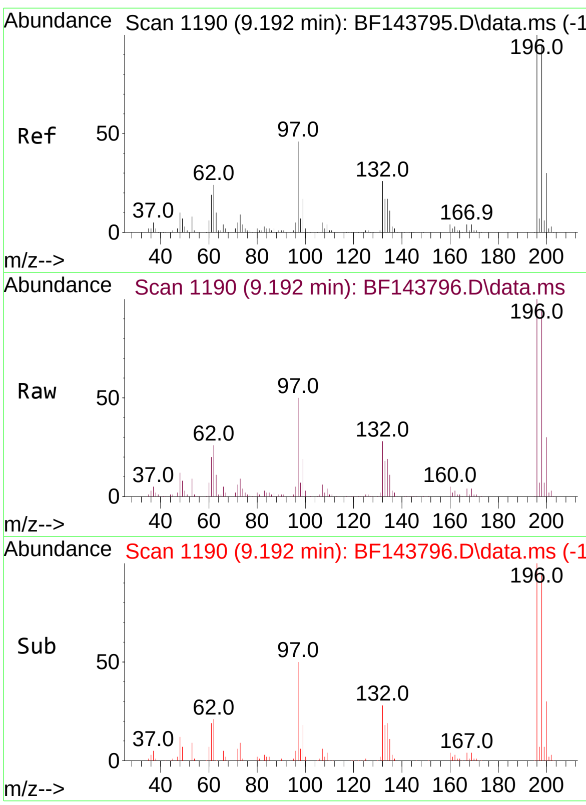


#43
2,4,6-Trichlorophenol
Concen: 50.100 ng
RT: 9.157 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion:196 Resp: 238499

Ion	Ratio	Lower	Upper
196	100		
198	95.5	76.2	114.2
200	30.2	24.7	37.1

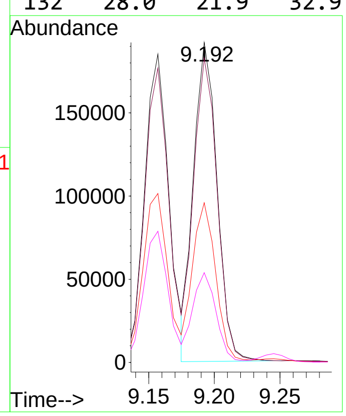




#44
2,4,5-Trichlorophenol
Concen: 48.050 ng
RT: 9.192 min Scan# 1190
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion:196 Resp: 239256

Ion	Ratio	Lower	Upper
196	100		
198	95.1	75.9	113.9
97	49.9	38.3	57.5
132	28.0	21.9	32.9



Instrument : BNA_F

ClientSampleId : SSTDICC050

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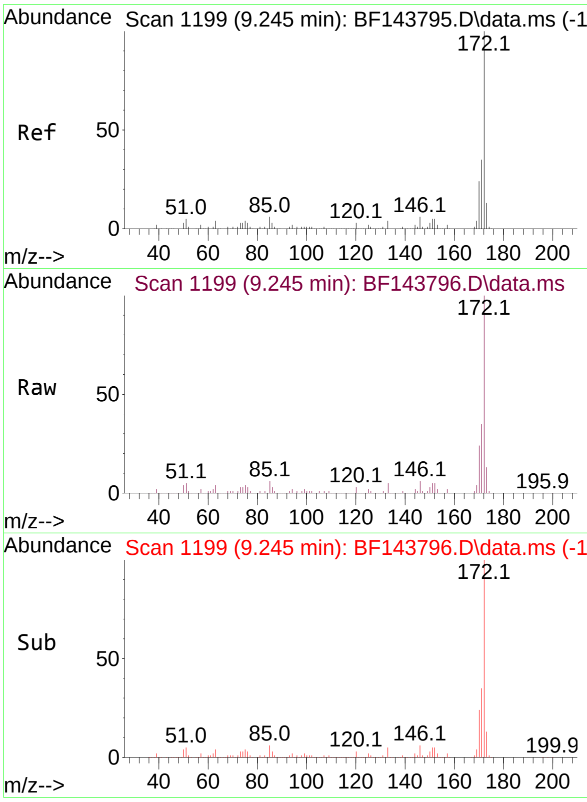
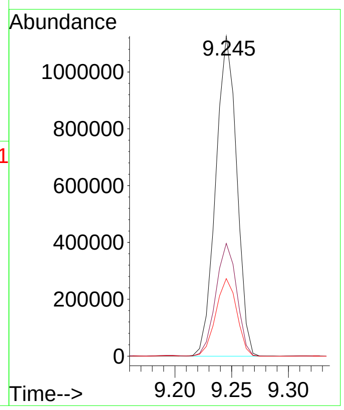
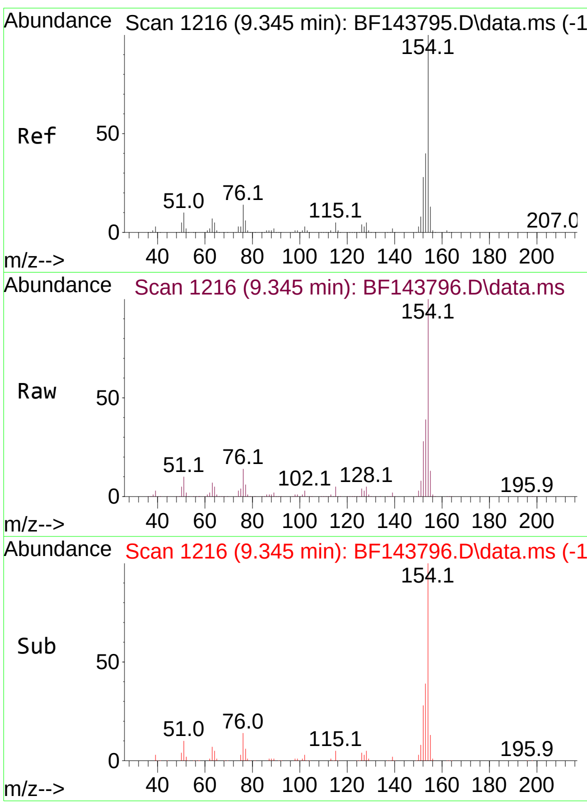


#45
2-Fluorobiphenyl
Concen: 85.274 ng
RT: 9.245 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion:172 Resp: 1453709

Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.9	41.9
170	24.2	19.1	28.7

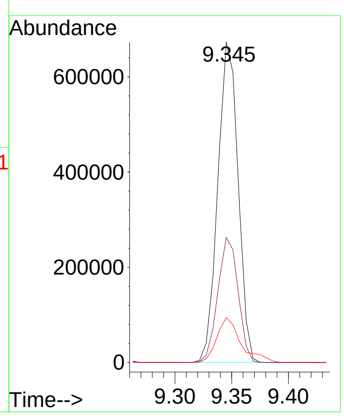




#46
1,1'-Biphenyl
Concen: 45.967 ng
RT: 9.345 min Scan# 1216
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion:154 Resp: 838250

Ion	Ratio	Lower	Upper
154	100		
153	39.0	19.7	59.7
76	13.9	0.0	33.8



Instrument : BNA_F
ClientSampleId : SSTDICC050

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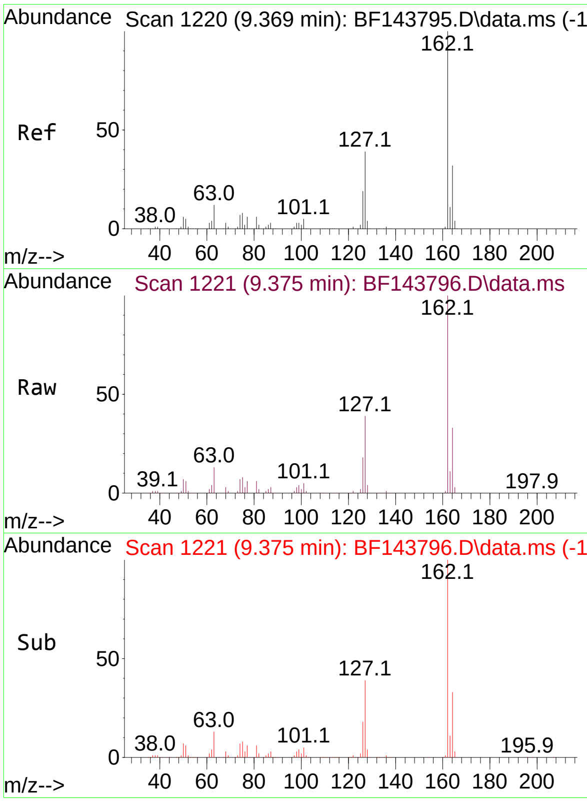
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

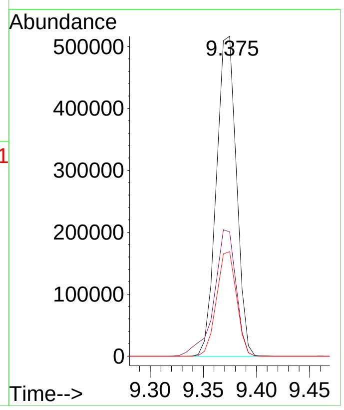


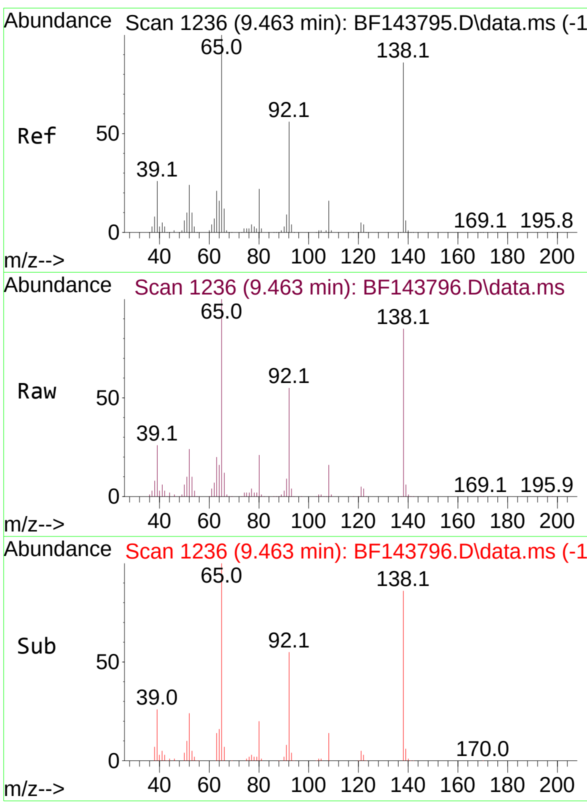
#47
2-Chloronaphthalene

Concen: 46.229 ng
RT: 9.375 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion:162 Resp: 67859

Ion	Ratio	Lower	Upper
162	100		
127	38.8	31.5	47.3
164	32.6	25.9	38.9



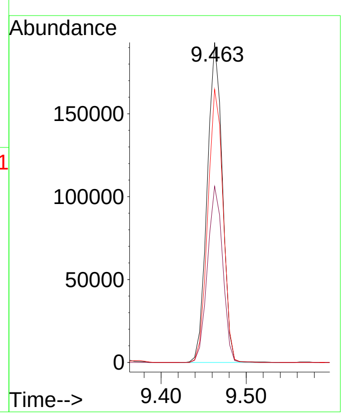


#48
2-Nitroaniline

Concen: 53.895 ng
RT: 9.463 min Scan# 1236
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion: 65 Resp: 239106

Ion	Ratio	Lower	Upper
65	100		
92	55.0	44.9	67.3
138	85.3	69.0	103.4



Instrument : BNA_F
ClientSampleId : SSTDICC050

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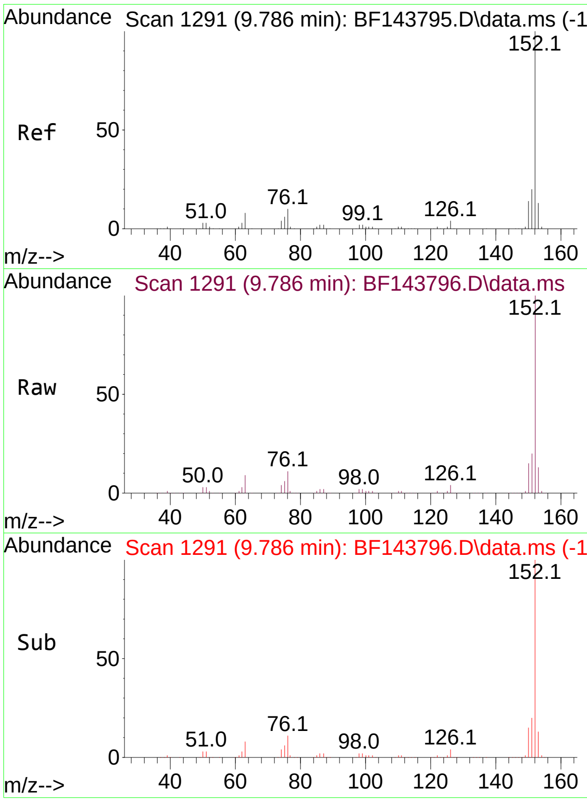
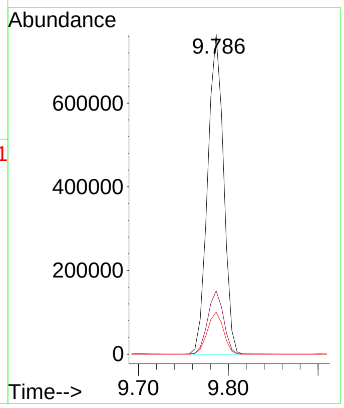
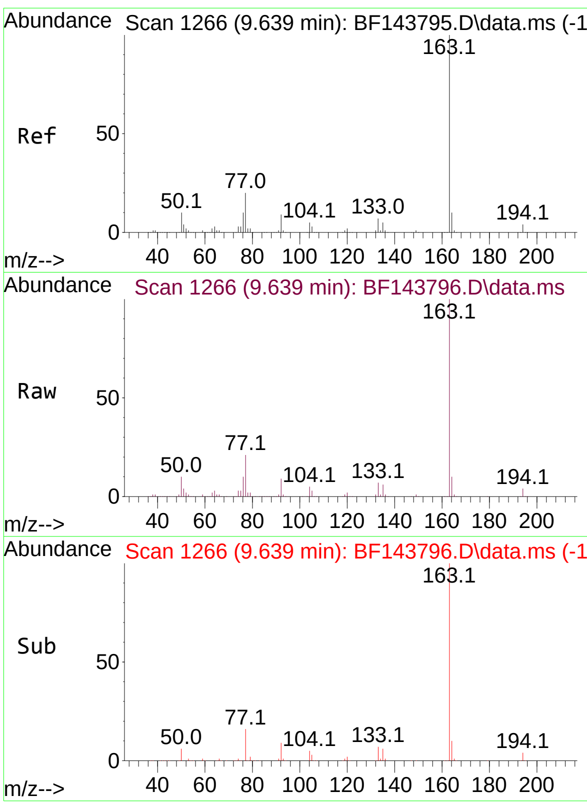


#49
Acenaphthylene
Concen: 46.711 ng
RT: 9.786 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion:152 Resp: 94392

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.7	23.5
153	13.1	10.6	15.8

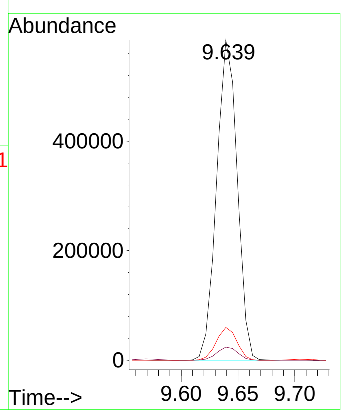




#50
Dimethylphthalate
Concen: 48.124 ng
RT: 9.639 min Scan# 1266
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion:163 Resp: 738918

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.6
164	10.2	8.2	12.2



Instrument : BNA_F
ClientSampleId : SSTDICC050

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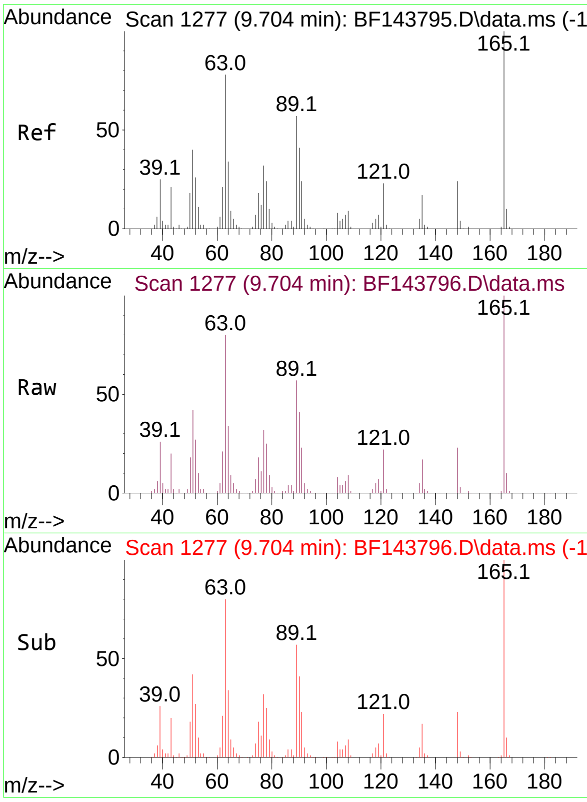
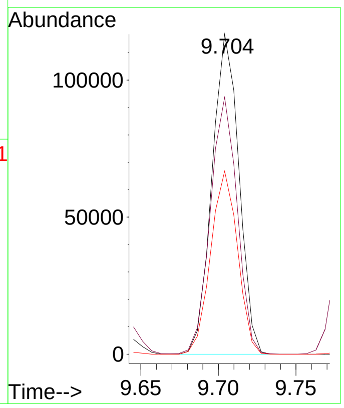
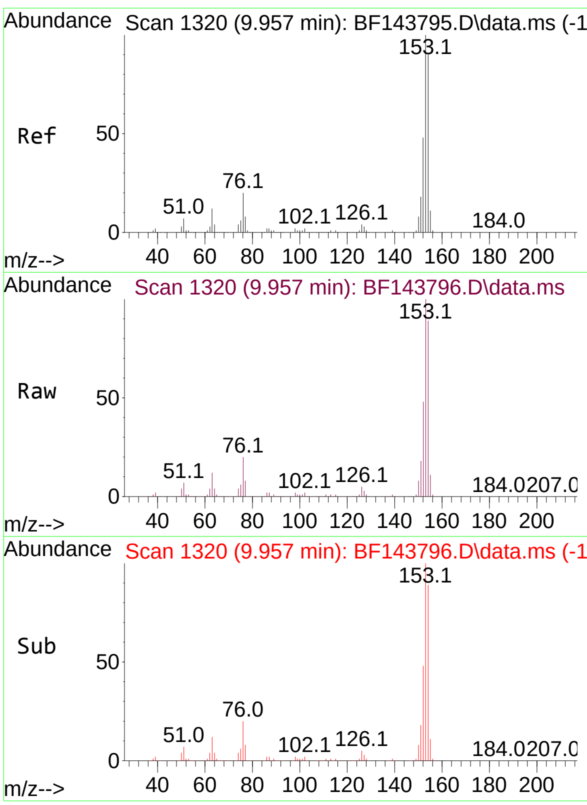


#51
2,6-Dinitrotoluene
Concen: 56.010 ng
RT: 9.704 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion:165 Resp: 14130

Ion	Ratio	Lower	Upper
165	100		
63	80.2	62.6	94.0
89	57.2	45.2	67.8

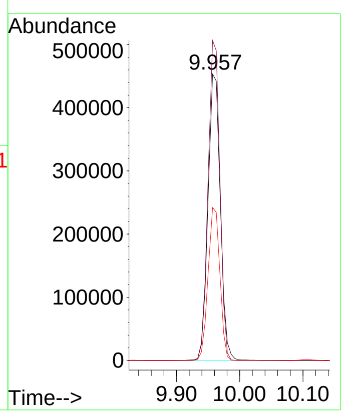


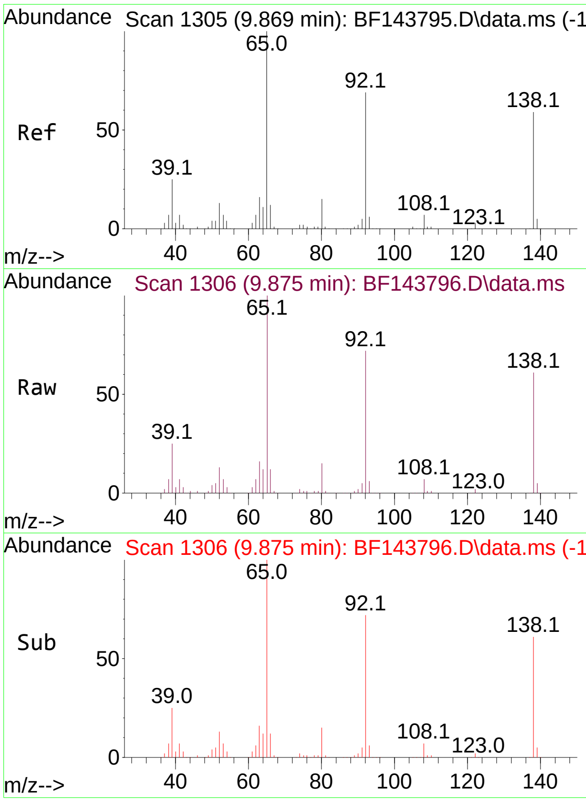


#52
Acenaphthene
Concen: 46.113 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion:154 Resp: 613218

Ion	Ratio	Lower	Upper
154	100		
153	111.8	88.7	133.1
152	53.4	42.7	64.1





#53
3-Nitroaniline
Concen: 53.384 ng
RT: 9.875 min   Scan# 1
Delta R.T.   0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025   14:28

Tgt Ion:138 Resp: 16324

Ion	Ratio	Lower	Upper
138	100		
108	11.8	9.9	14.9
92	117.3	93.5	140.3

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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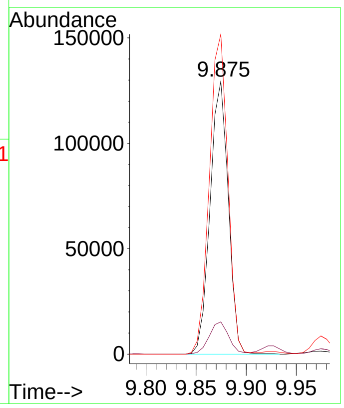

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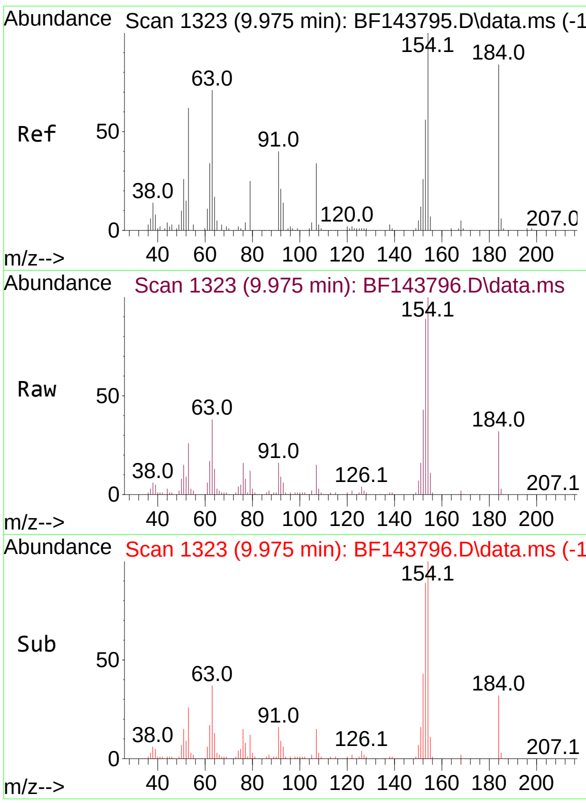
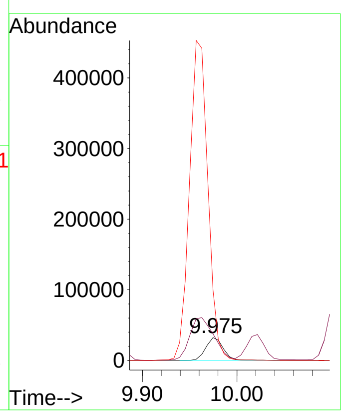


#54
2,4-Dinitrophenol
Concen: 49.728 ng
RT: 9.975 min   Scan# 1323
Delta R.T.   -0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025   14:28

Tgt Ion:184 Resp: 41616

Ion	Ratio	Lower	Upper
184	100		
63	115.9	84.6	127.0
154	307.9	199.3	298.9#



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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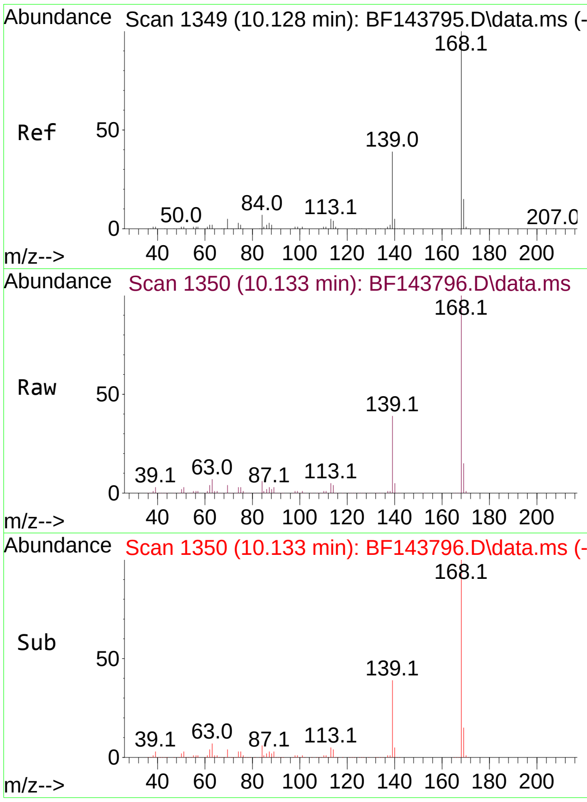
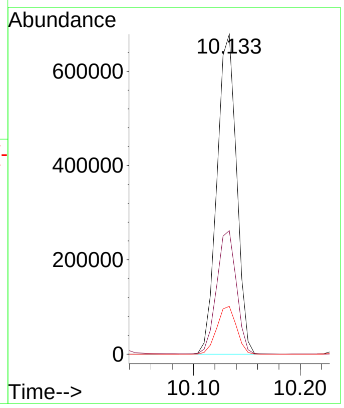
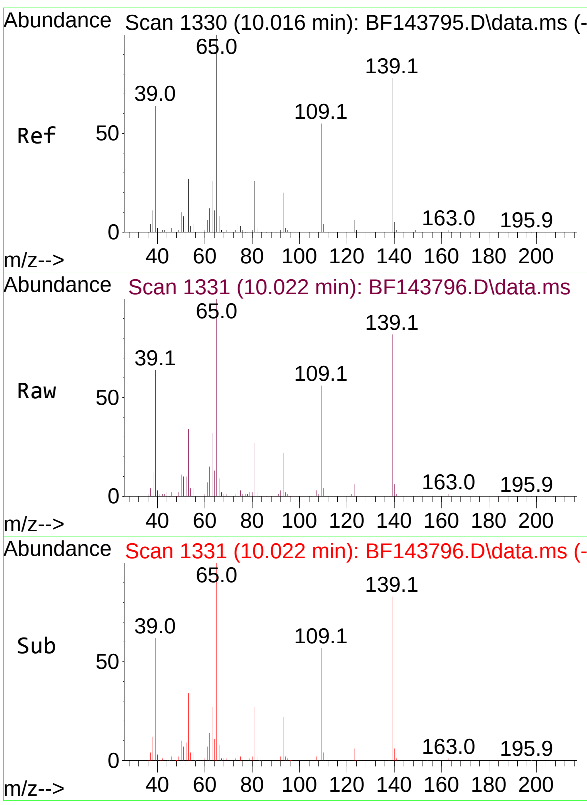


#55
Dibenzofuran
Concen: 46.115 ng
RT: 10.133 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion:168 Resp: 867169

Ion	Ratio	Lower	Upper
168	100		
139	38.6	31.0	46.6
169	14.9	11.9	17.9

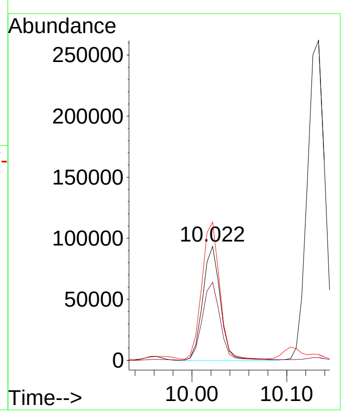


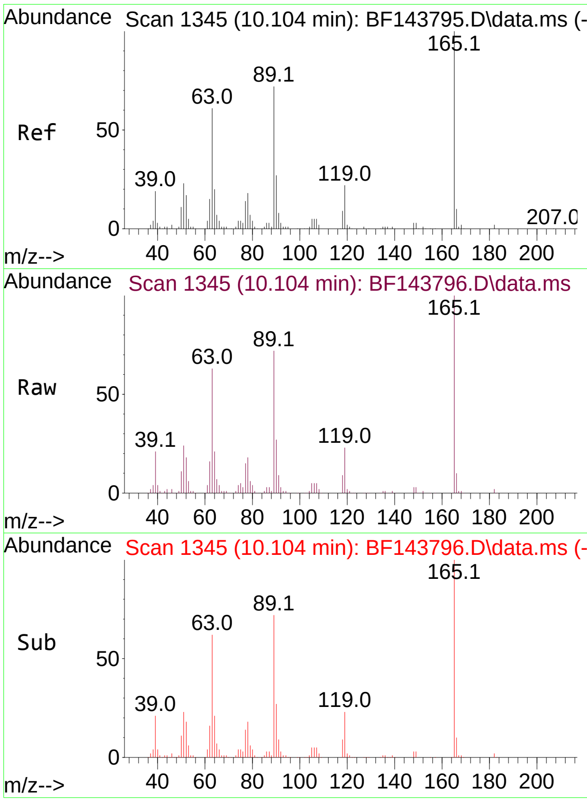


#56
4-Nitrophenol
Concen: 49.212 ng
RT: 10.022 min Scan# 1331
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion:139 Resp: 121266

Ion	Ratio	Lower	Upper
139	100		
109	68.6	50.2	90.2
65	121.4	109.2	149.2





#57
2,4-Dinitrotoluene
Concen: 49.496 ng
RT: 10.104 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Instrument : BNA_F
ClientSampleId : SSTDICC050

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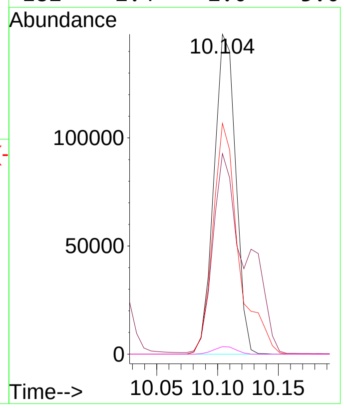
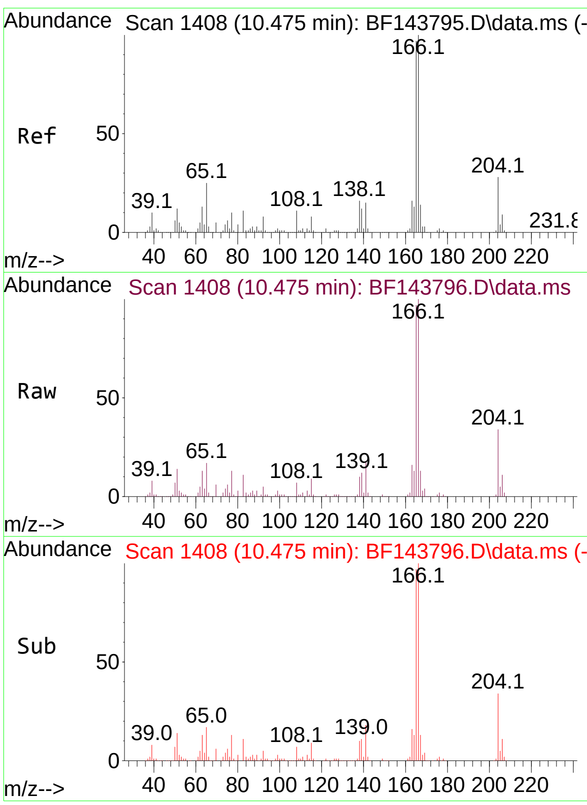
Tgt Ion:165 Resp: 18570

Ion	Ratio	Lower	Upper
165	100		
63	62.7	48.9	73.3
89	72.1	57.5	86.3
182	2.4	2.0	3.0

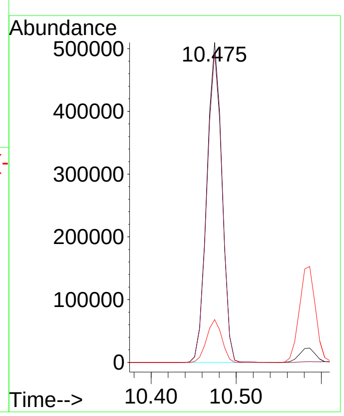


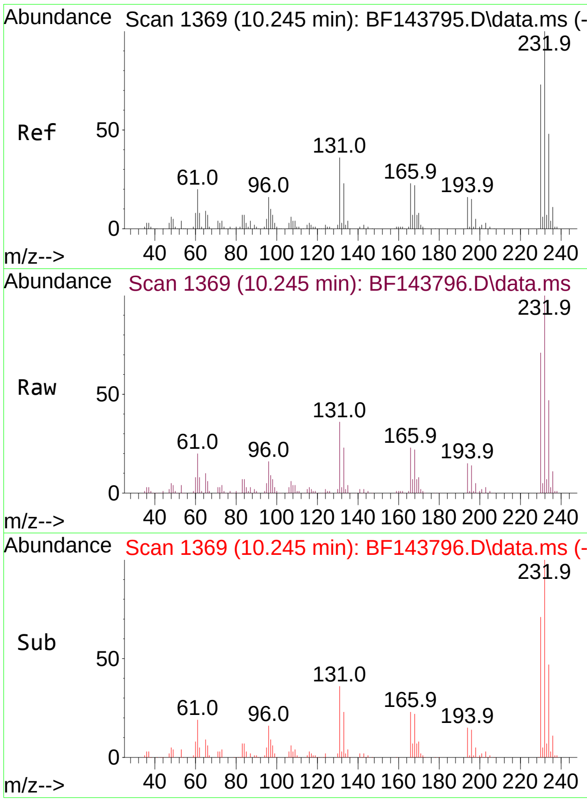


#58
Fluorene
Concen: 45.259 ng
RT: 10.475 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion:166 Resp: 632710

Ion	Ratio	Lower	Upper
166	100		
165	96.9	78.0	117.0
167	13.4	10.9	16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 52.440 ng
RT: 10.245 min Scan# 13
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:232 Resp: 223693

Ion	Ratio	Lower	Upper
232	100		
131	36.2	29.4	44.2
130	1.6	1.3	1.9
166	23.0	18.7	28.1

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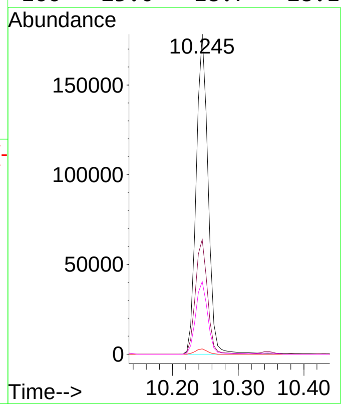
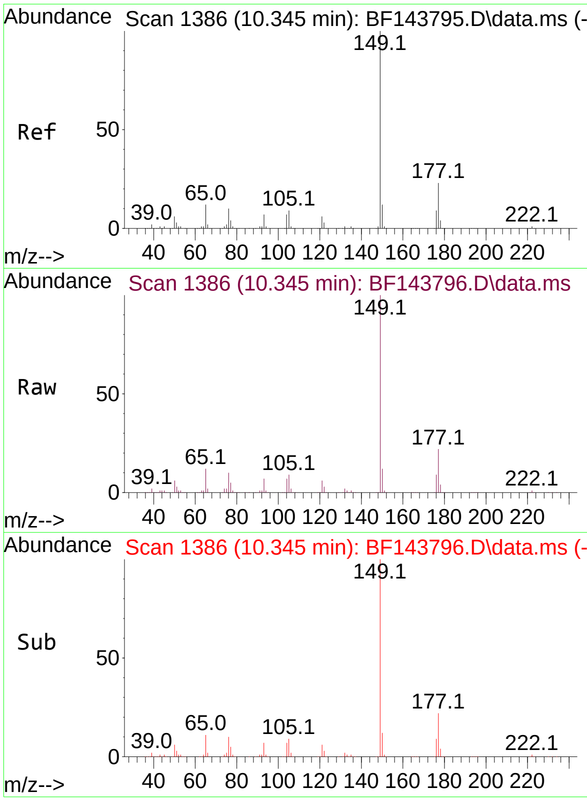
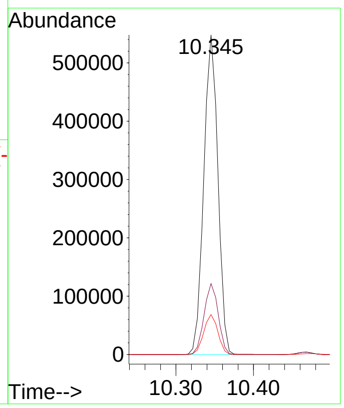




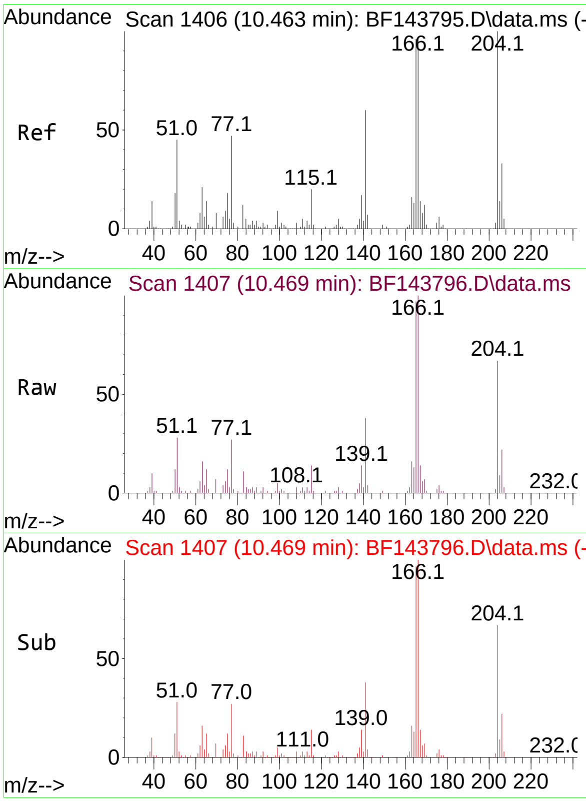
#60
Diethylphthalate
Concen: 48.178 ng
RT: 10.345 min Scan# 1386
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion:149 Resp: 692482

Ion	Ratio	Lower	Upper
149	100		
177	22.2	18.1	27.1
150	12.5	9.7	14.5



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18



#61
4-Chlorophenyl-phenylether
Concen: 46.640 ng
RT: 10.469 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion:204 Resp: 33222

Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.7	40.1
141	57.5	48.2	72.2

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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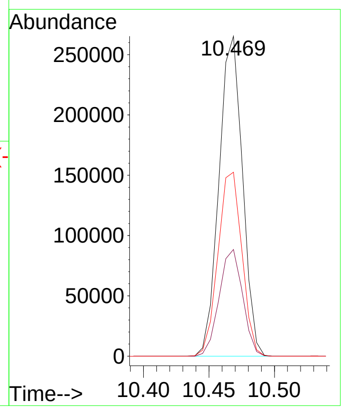
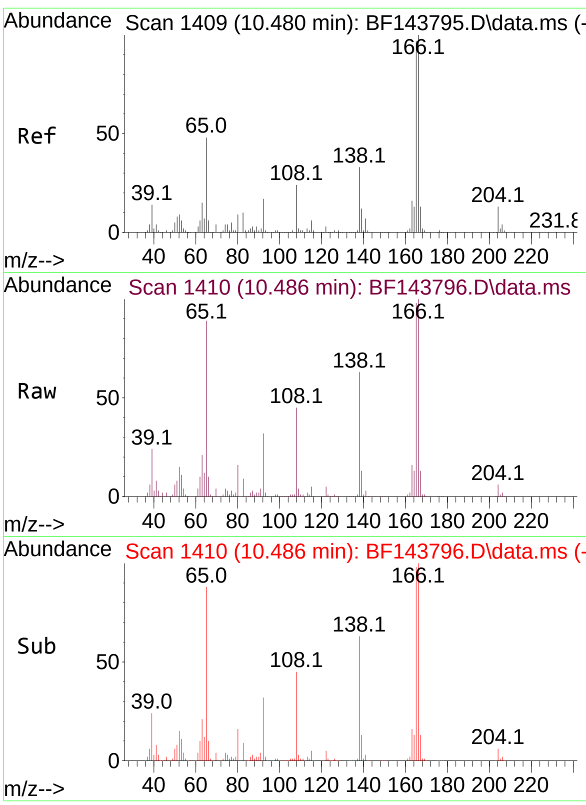
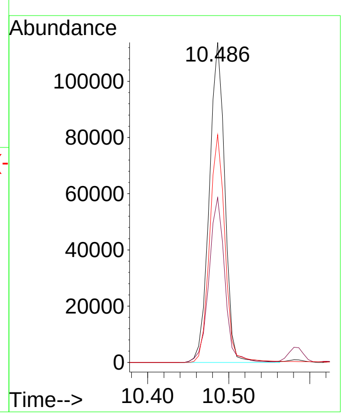




#62
4-Nitroaniline
Concen: 52.923 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion:138 Resp: 152165

Ion	Ratio	Lower	Upper
138	100		
92	51.5	31.5	71.5
108	71.1	51.9	91.9



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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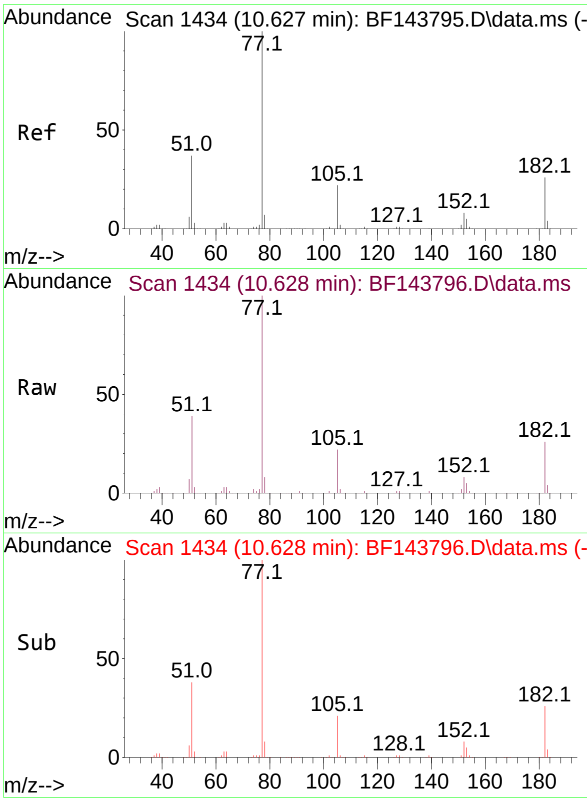
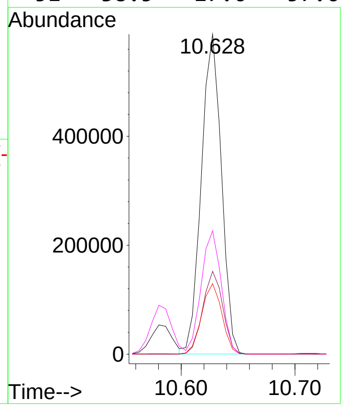
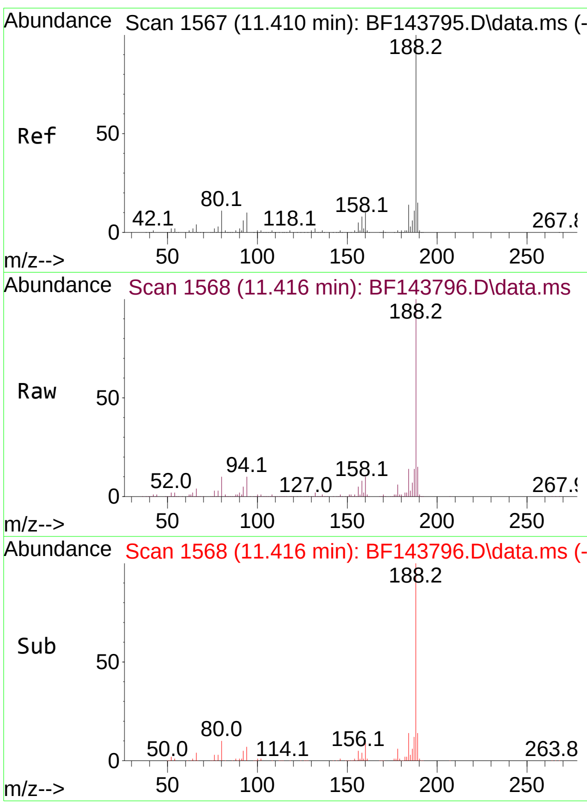


#63
Azobenzene
Concen: 47.725 ng
RT: 10.628 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion: 77 Resp: 72293

Ion	Ratio	Lower	Upper
77	100		
182	25.9	5.9	45.9
105	22.1	2.3	42.3
51	38.5	17.6	57.6

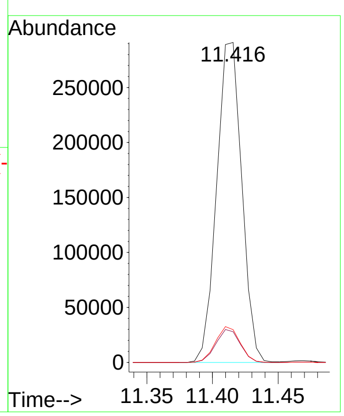




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. -0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion:188 Resp: 388493

Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.2	12.2
80	10.2	8.6	12.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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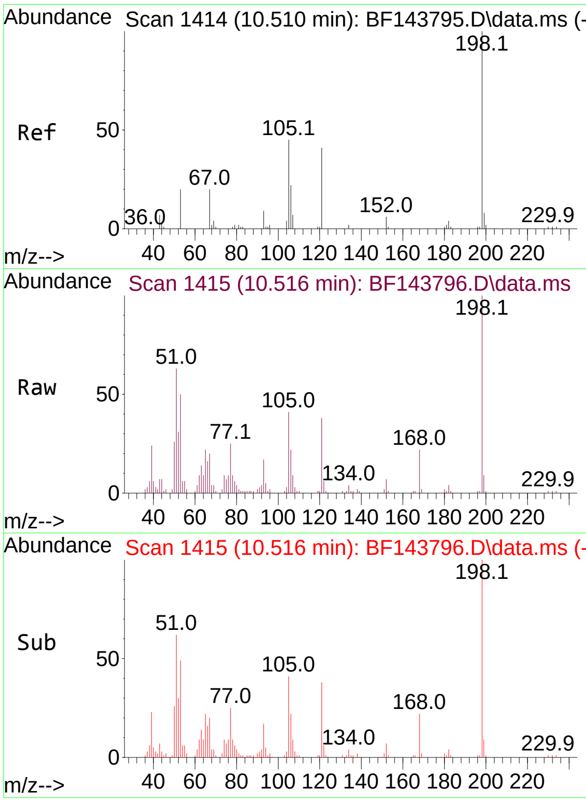
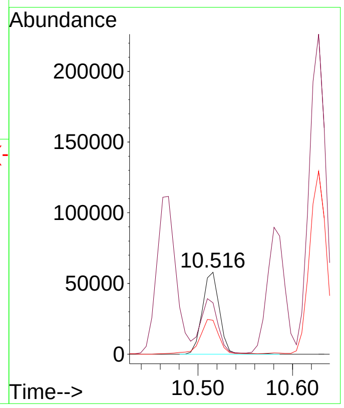
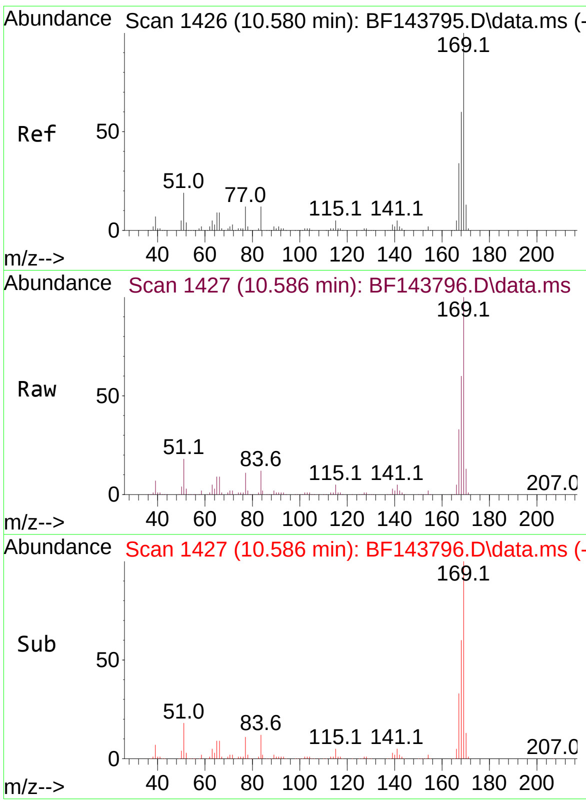


#65
4,6-Dinitro-2-methylphenol
Concen: 50.124 ng
RT: 10.516 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion:198 Resp: 72195

Ion	Ratio	Lower	Upper
198	100		
51	62.7	52.0	92.0
105	41.4	27.5	67.5

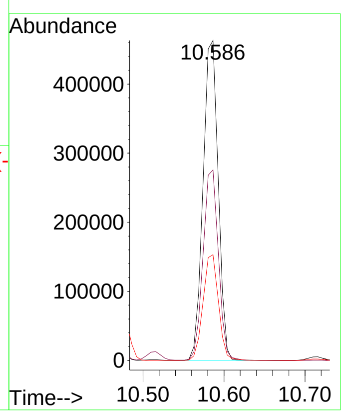


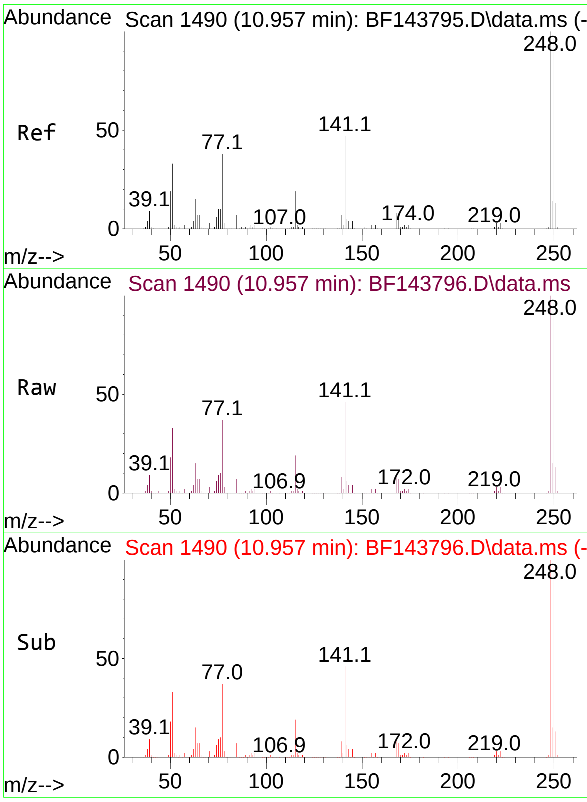


#66
n-Nitrosodiphenylamine
Concen: 47.203 ng
RT: 10.586 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion:169 Resp: 603084

Ion	Ratio	Lower	Upper
169	100		
168	59.5	47.9	71.9
167	33.0	27.0	40.6





#67
4-Bromophenyl-phenylether
Concen: 48.975 ng
RT: 10.957 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion:248 Resp: 32424

Ion	Ratio	Lower	Upper
248	100		
250	97.7	78.7	118.1
141	46.0	37.9	56.9

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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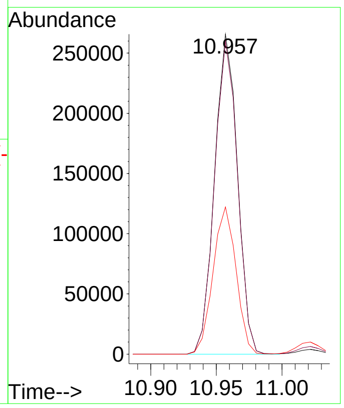
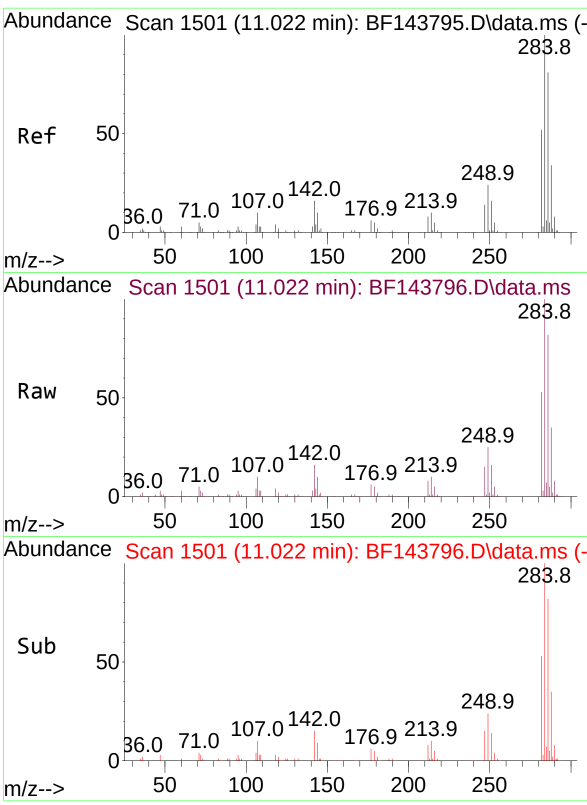
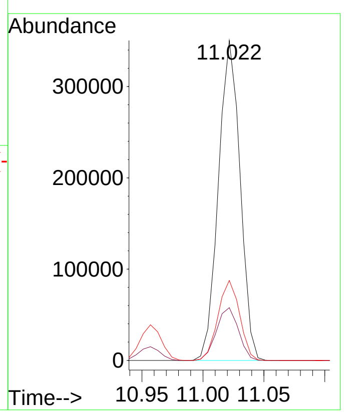


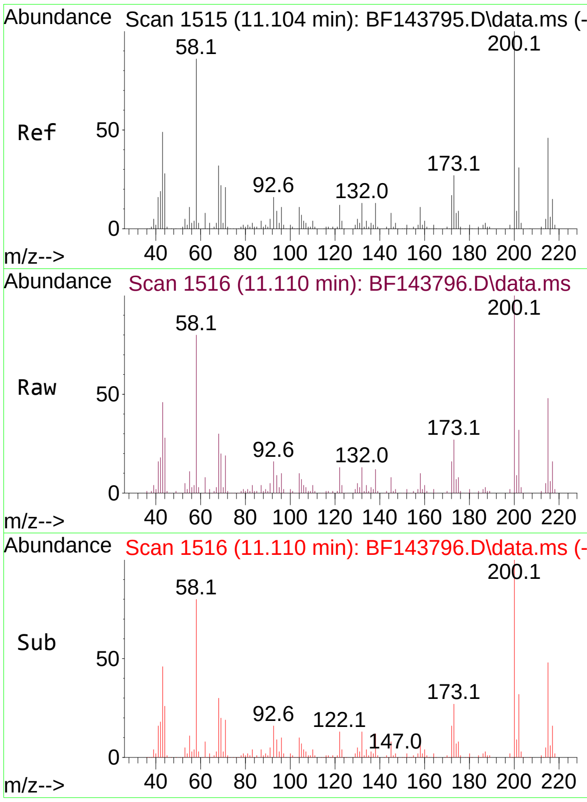


#68
Hexachlorobenzene
Concen: 47.539 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion:284 Resp: 433735

Ion	Ratio	Lower	Upper
284	100		
142	16.5	13.1	19.7
249	25.0	19.5	29.3

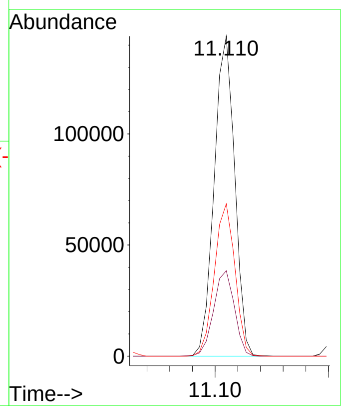




#69
Atrazine
Concen: 48.894 ng
RT: 11.110 min Scan# 1!
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion:200 Resp: 18089

Ion	Ratio	Lower	Upper
200	100		
173	26.7	7.2	47.2
215	47.6	26.0	66.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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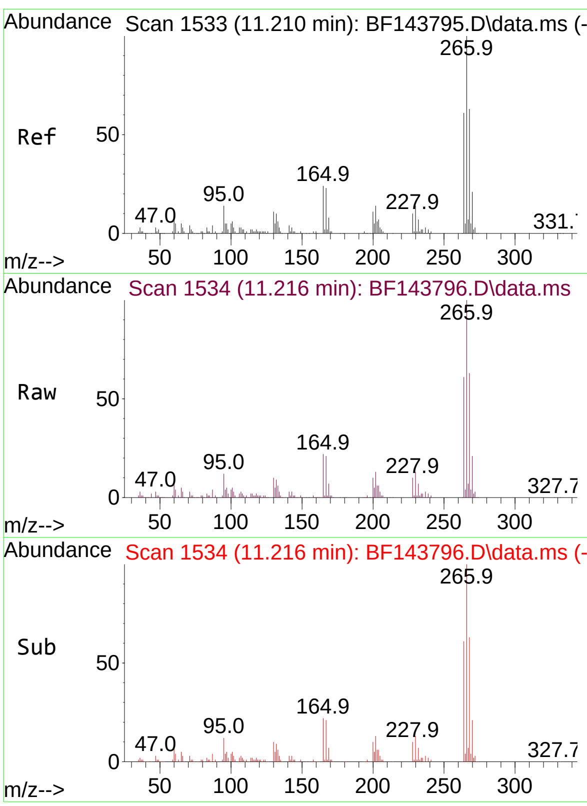
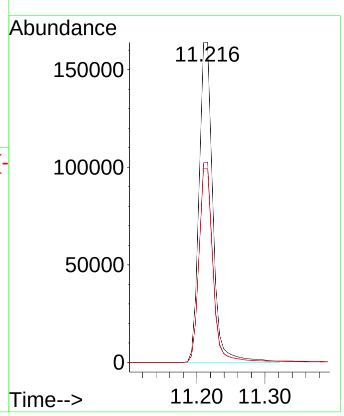


#70
Pentachlorophenol
Concen: 51.024 ng
RT: 11.216 min Scan# 1534
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion:266 Resp: 231733

Ion	Ratio	Lower	Upper
266	100		
268	62.6	50.5	75.7
264	60.5	48.8	73.2



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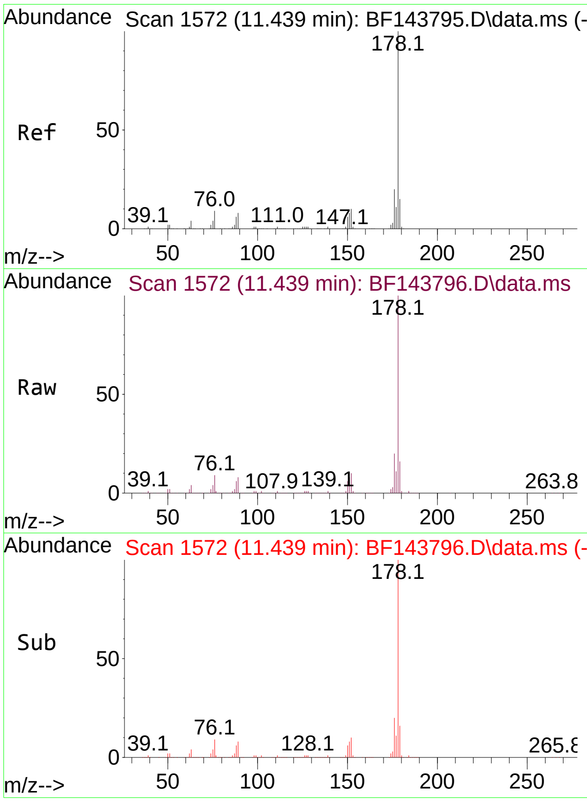

#71
Phenanthrene
Concen: 46.149 ng
RT: 11.439 min Scan# 15
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion:178 Resp: 920438

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.6	23.4
179	15.5	12.2	18.4

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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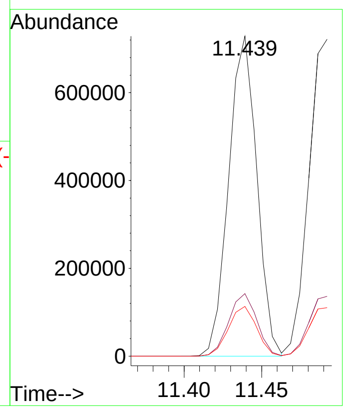

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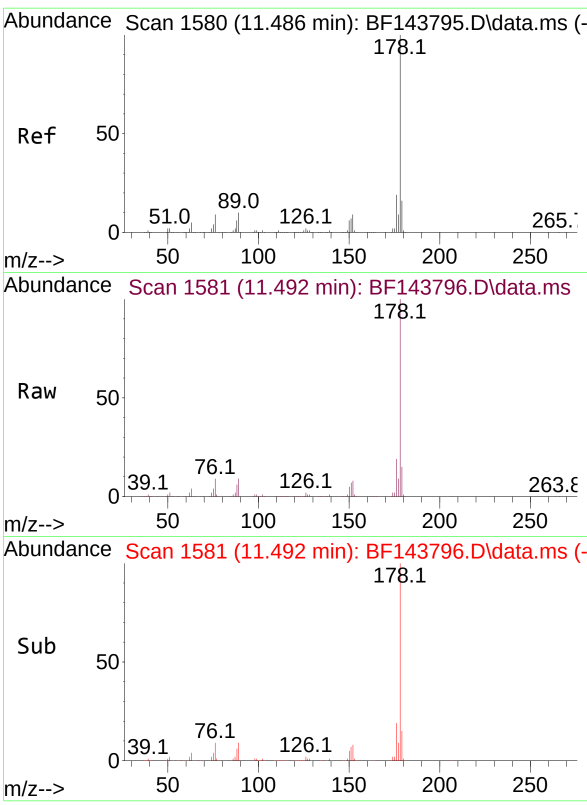
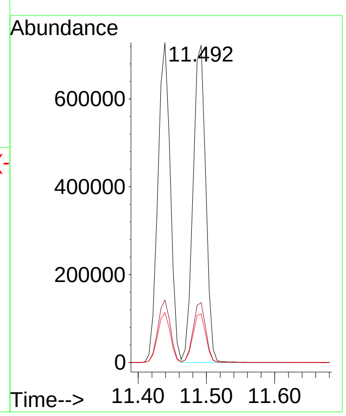
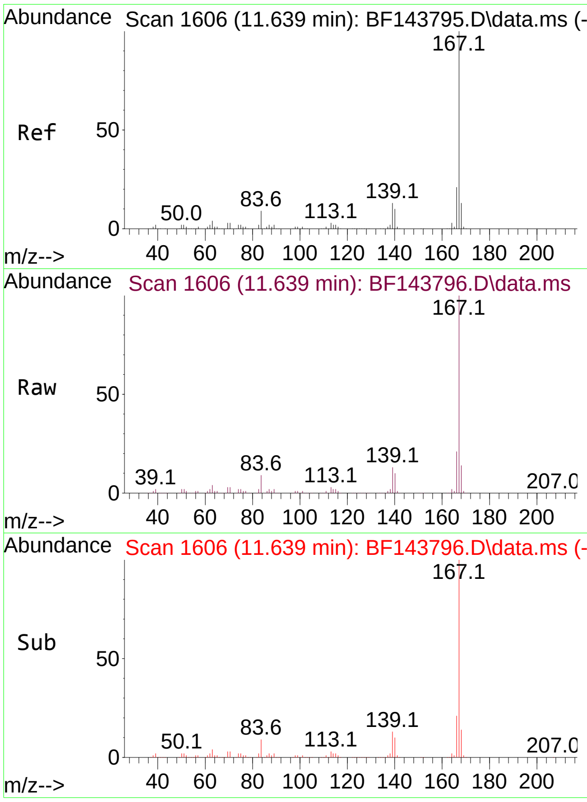


#72
Anthracene
Concen: 46.825 ng
RT: 11.492 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion:178 Resp: 936801

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	15.3	12.8	19.2

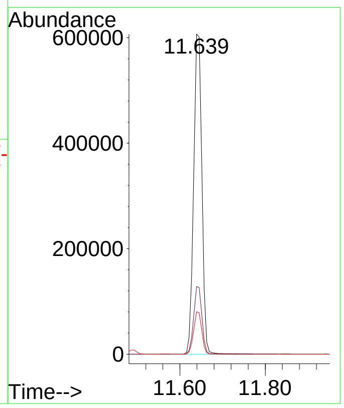




#73
Carbazole
Concen: 46.564 ng
RT: 11.639 min Scan# 16
Delta R.T. -0.006 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion:167 Resp: 81449

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.0	25.4
139	13.2	10.6	15.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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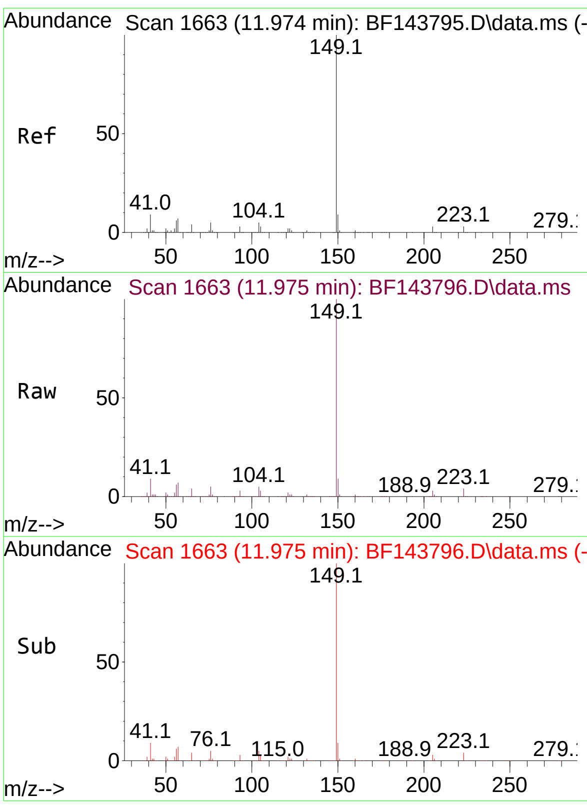
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

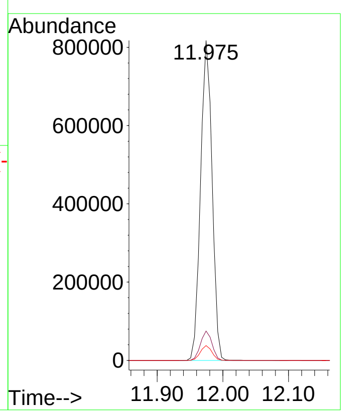
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18



#74
Di-n-butylphthalate
Concen: 49.211 ng
RT: 11.975 min Scan# 1663
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion:149 Resp: 990005

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.3	10.9
104	4.6	3.6	5.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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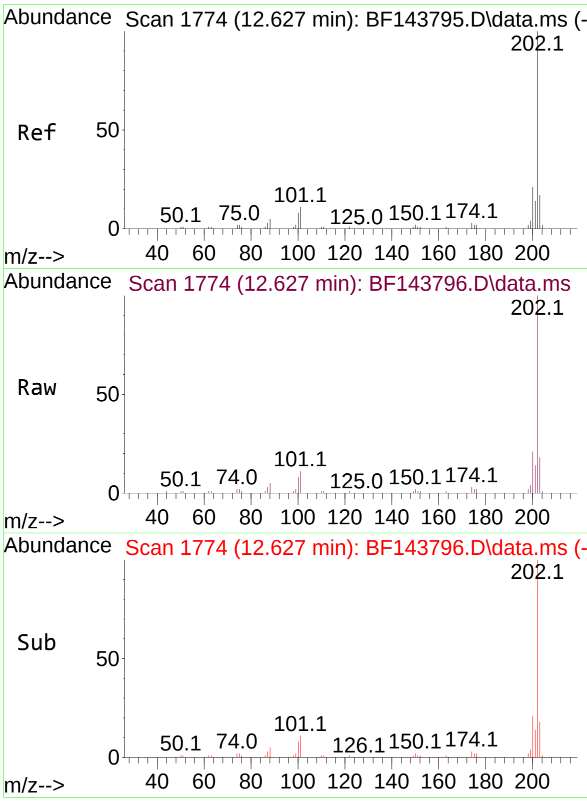
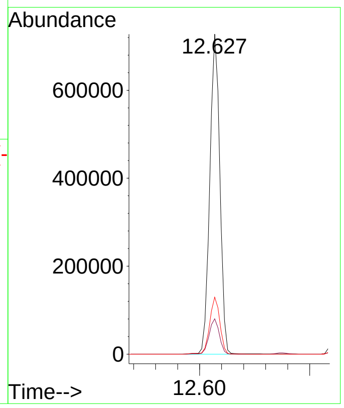
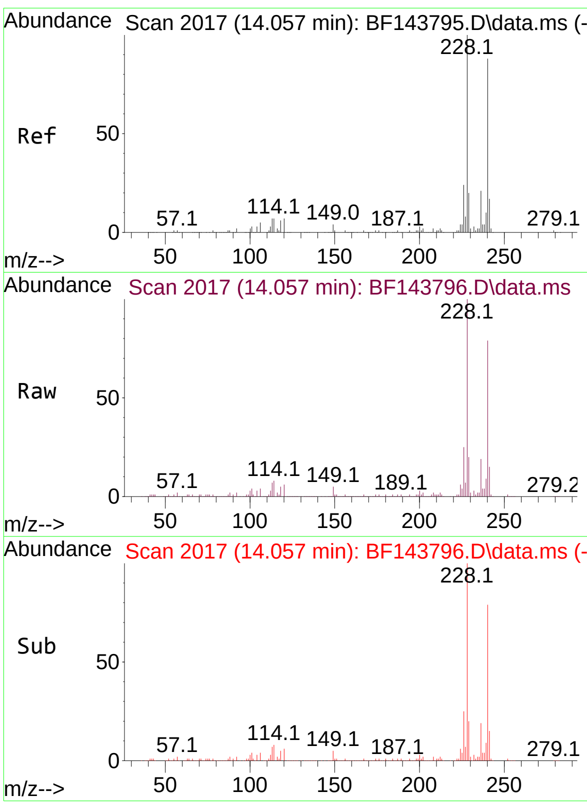


#75
Fluoranthene
Concen: 46.163 ng
RT: 12.627 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion:202 Resp: 92604

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	31.1
203	17.8	0.0	37.4

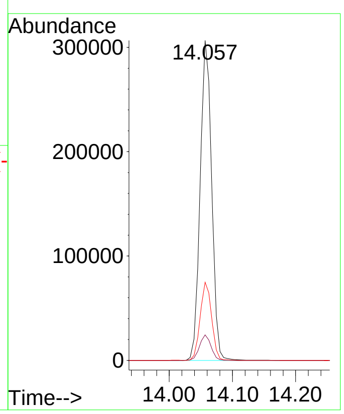




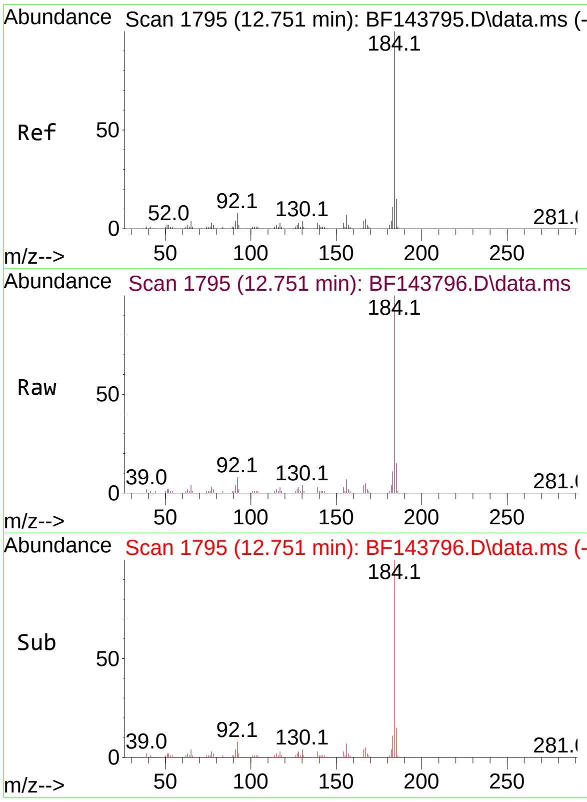
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion:240 Resp: 388120

Ion	Ratio	Lower	Upper
240	100		
120	8.0	6.2	9.4
236	24.4	19.4	29.2



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18



#77
Benzidine
Concen: 58.531 ng
RT: 12.751 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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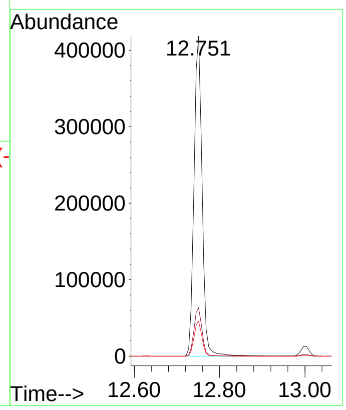
Tgt Ion:184 Resp: 55356

Ion	Ratio	Lower	Upper
184	100		
185	15.1	11.6	17.4
183	10.9	8.6	13.0



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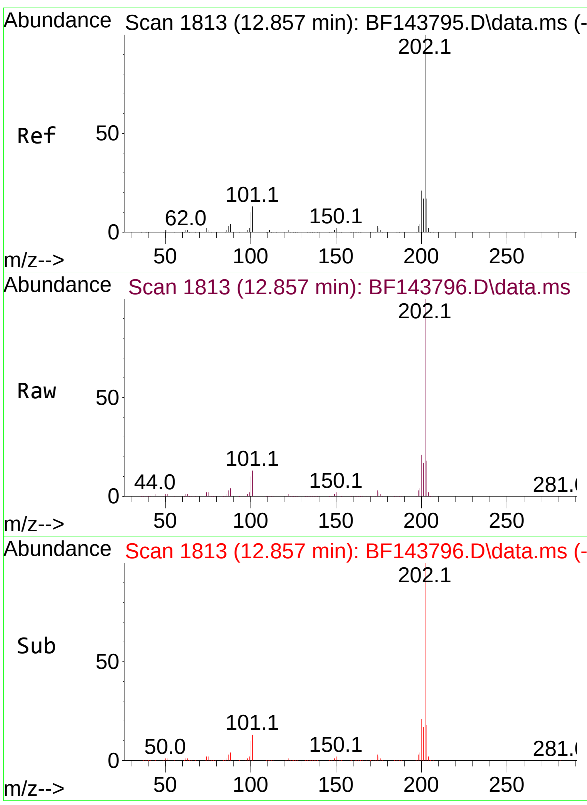
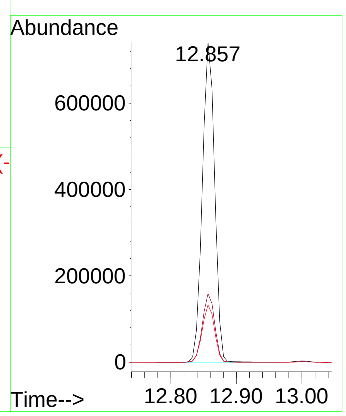
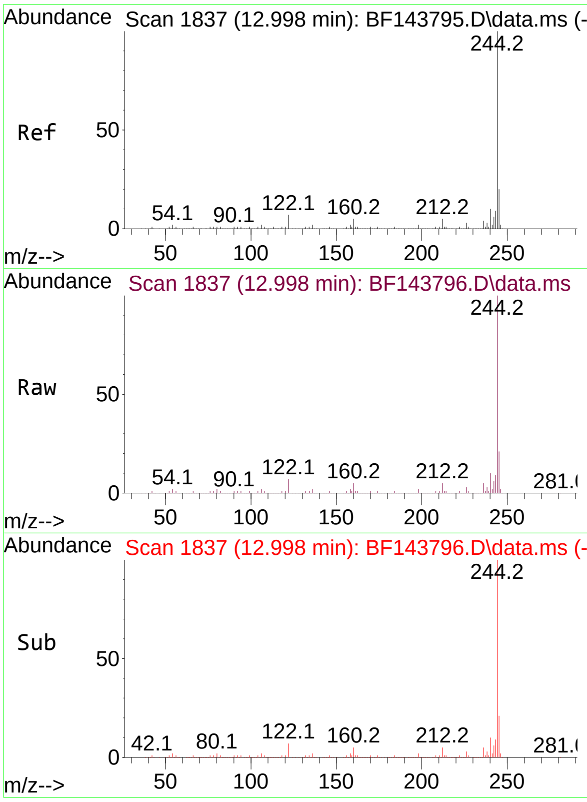


#78
Pyrene
Concen: 50.323 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion:202 Resp: 960254

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.0	25.4
203	17.9	13.9	20.9





#79
Terphenyl-d14
Concen: 96.285 ng
RT: 12.998 min Scan# 18
Delta R.T. -0.006 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion:244 Resp: 1903421

Ion	Ratio	Lower	Upper
244	100		
212	5.0	3.9	5.9
122	7.0	5.6	8.4

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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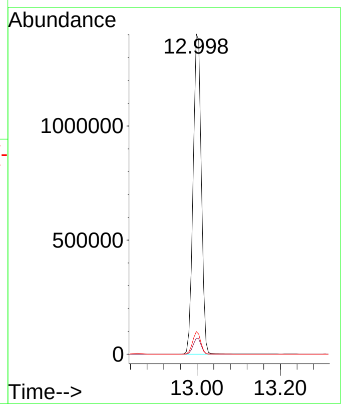
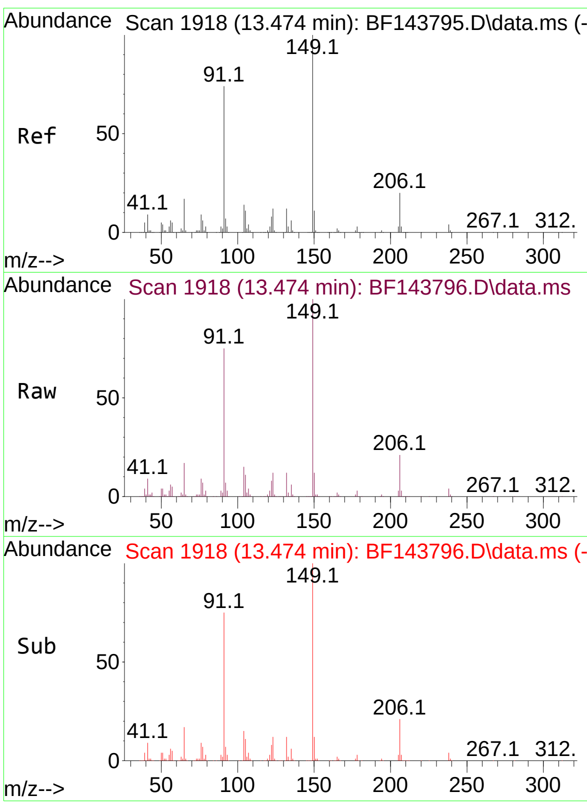
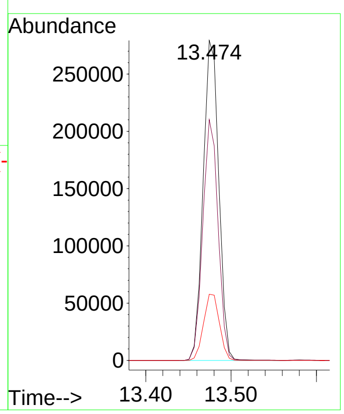


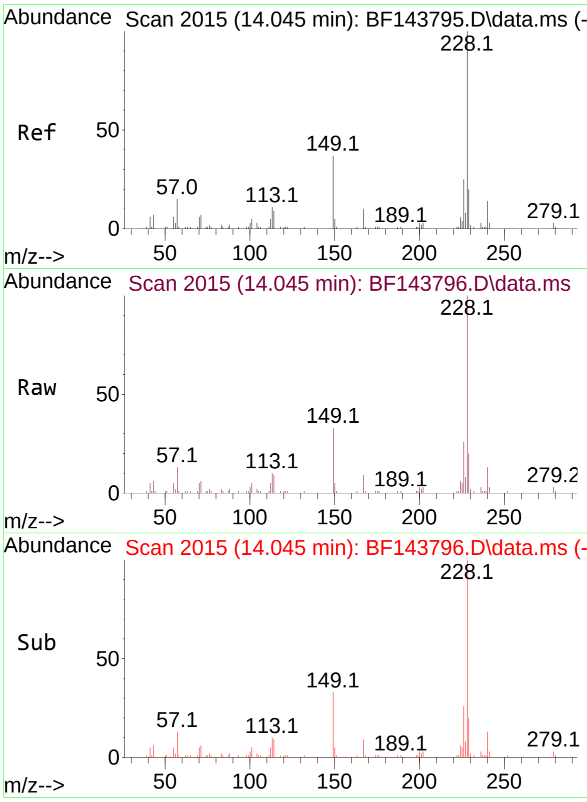


#80
Butylbenzylphthalate
Concen: 53.969 ng
RT: 13.474 min Scan# 1918
Delta R.T. -0.006 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion:149 Resp: 356288

Ion	Ratio	Lower	Upper
149	100		
91	75.2	59.5	89.3
206	20.7	16.1	24.1

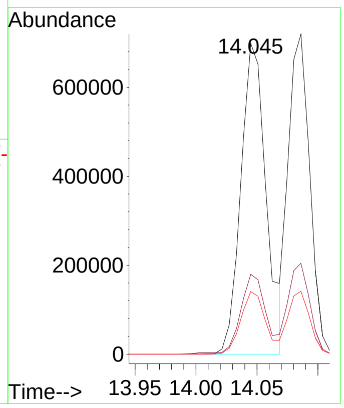




#81
Benzo(a)anthracene
Concen: 48.411 ng
RT: 14.045 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion:228 Resp: 100940

Ion	Ratio	Lower	Upper
228	100		
226	25.7	20.2	30.2
229	20.1	16.1	24.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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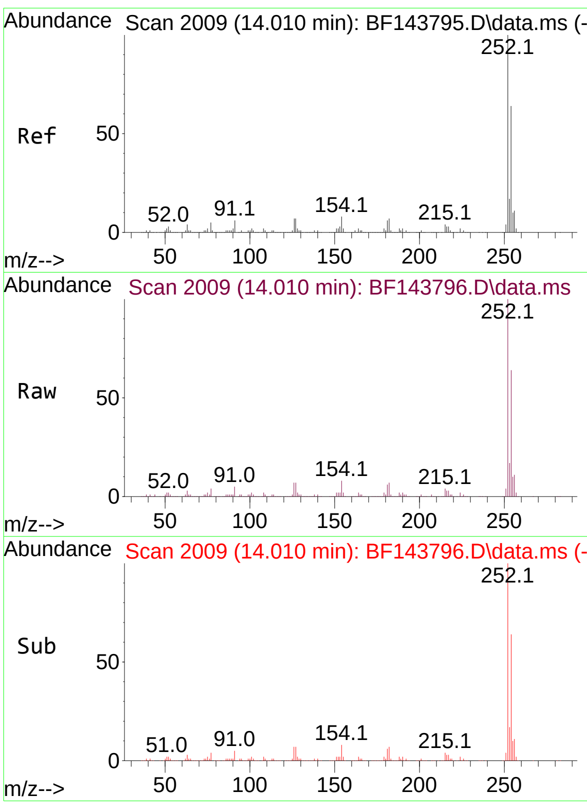
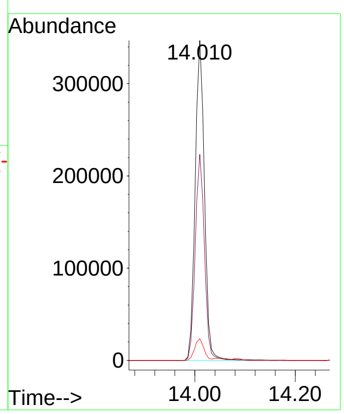
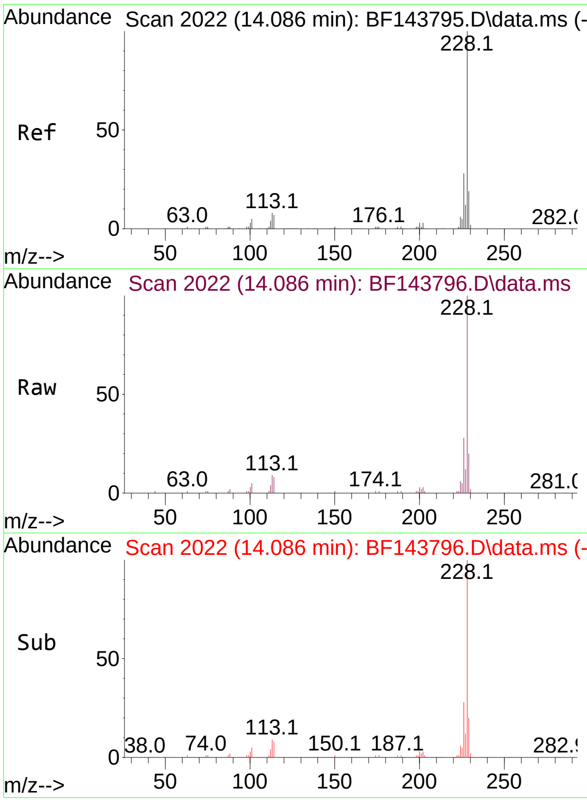


#82
3,3'-Dichlorobenzidine
Concen: 49.304 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion:252 Resp: 445355

Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.5	77.3
126	6.7	5.4	8.2

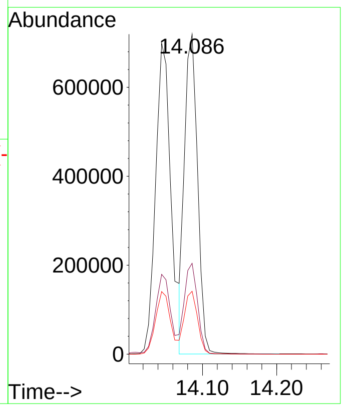




#83
Chrysene
Concen: 46.750 ng
RT: 14.086 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion:228 Resp: 882028

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	33.8
229	19.6	15.6	23.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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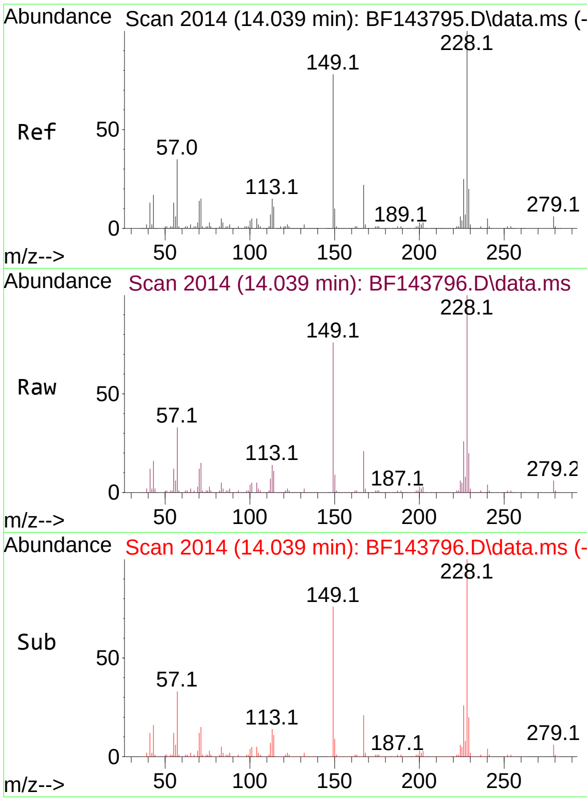
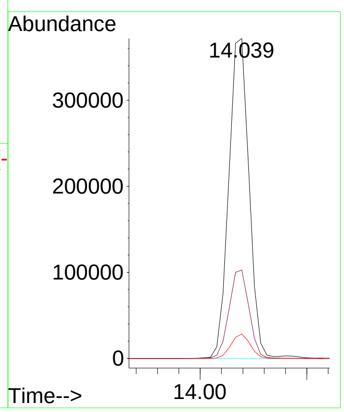
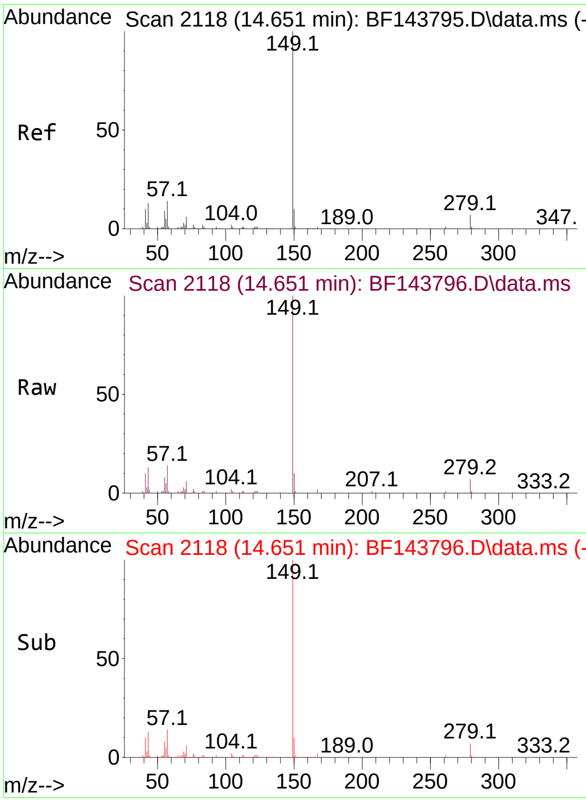


#84
Bis(2-ethylhexyl)phthalate
Concen: 50.632 ng
RT: 14.039 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion:149 Resp: 489947

Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.2	33.2
279	7.6	6.0	9.0





#85
Di-n-octyl phthalate
Concen: 49.877 ng
RT: 14.651 min   Scan# 21
Delta R.T.   -0.006 min
Lab File: BF143796.D
Acq: 23 Sep 2025   14:28

Tgt Ion:149 Resp: 87547

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	13.2	10.7	16.1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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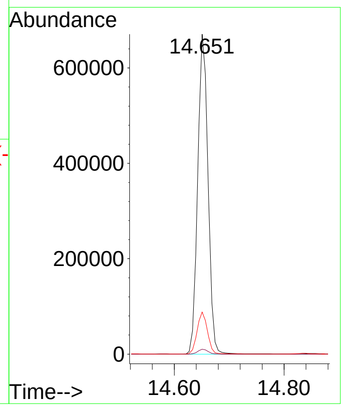
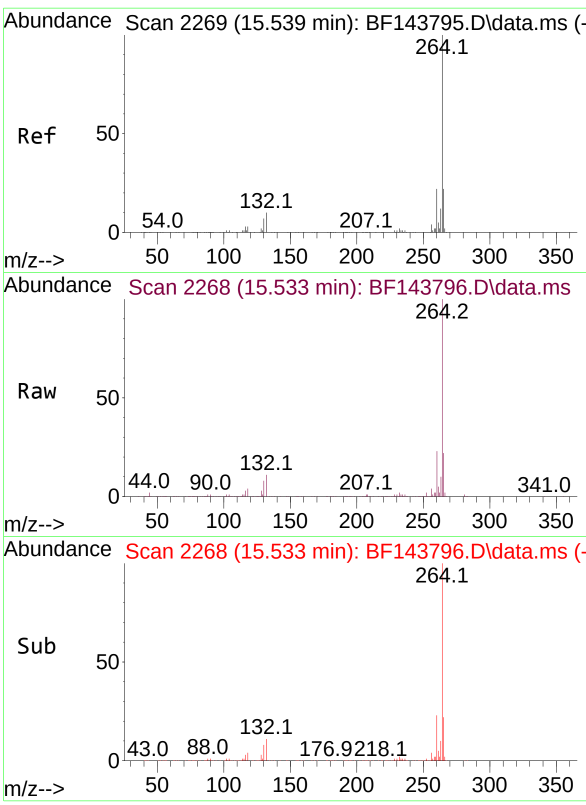
Supervised By :Jagrut Upadhyay   09/24/2025

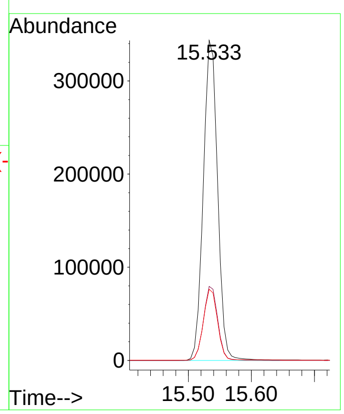


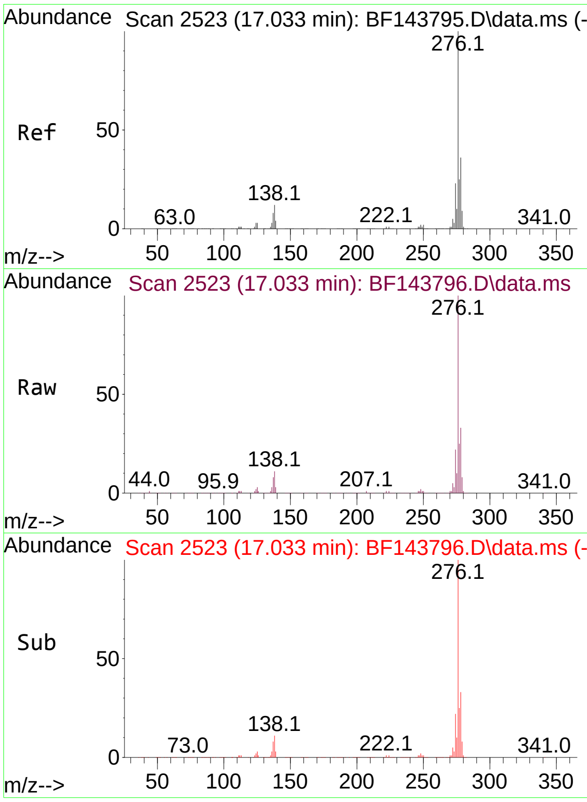


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min   Scan# 2268
Delta R.T.   -0.006 min
Lab File: BF143796.D
Acq: 23 Sep 2025   14:28

Tgt Ion:264 Resp: 541272

Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.9	26.9
265	22.2	17.7	26.5

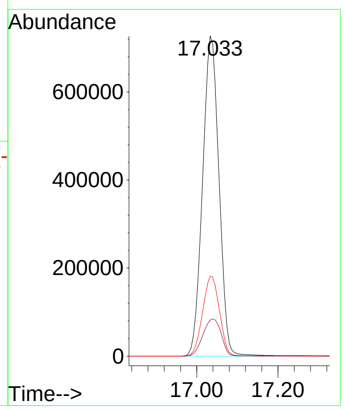




#87
Indeno(1,2,3-cd)pyrene
Concen: 49.707 ng
RT: 17.033 min   Scan# 25
Delta R.T.   -0.012 min
Lab File: BF143796.D
Acq: 23 Sep 2025   14:28

Tgt Ion:276 Resp: 204137

Ion	Ratio	Lower	Upper
276	100		
138	12.9	10.6	15.8
277	25.6	20.7	31.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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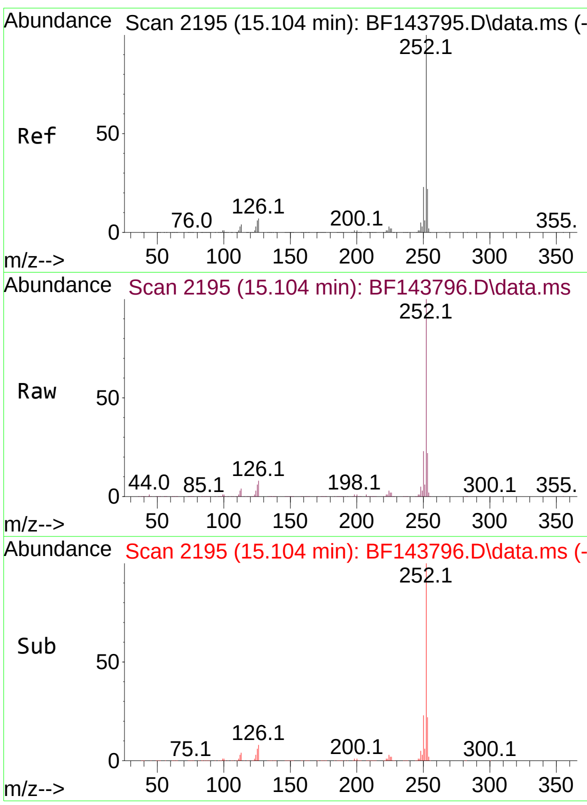
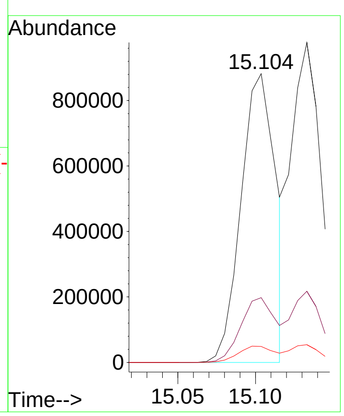
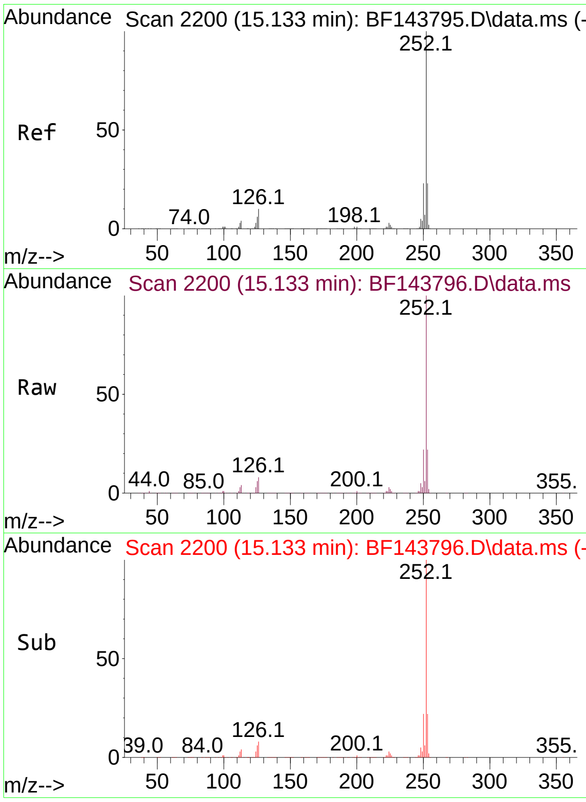


#88
Benzo(b)fluoranthene
Concen: 49.206 ng
RT: 15.104 min   Scan# 2195
Delta R.T.   0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025   14:28

Tgt Ion:252 Resp: 1356316

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	5.5	4.4	6.6





#89
Benzo(k)fluoranthene
Concen: 48.662 ng
RT: 15.133 min Scan# 22
Delta R.T. -0.006 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion:252 Resp: 134759

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	5.5	4.6	6.8

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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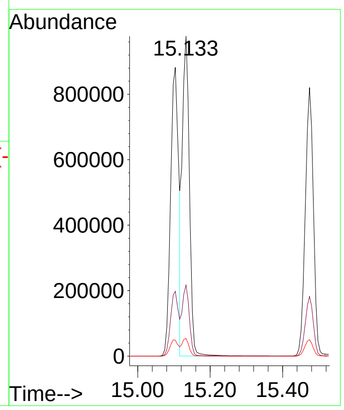
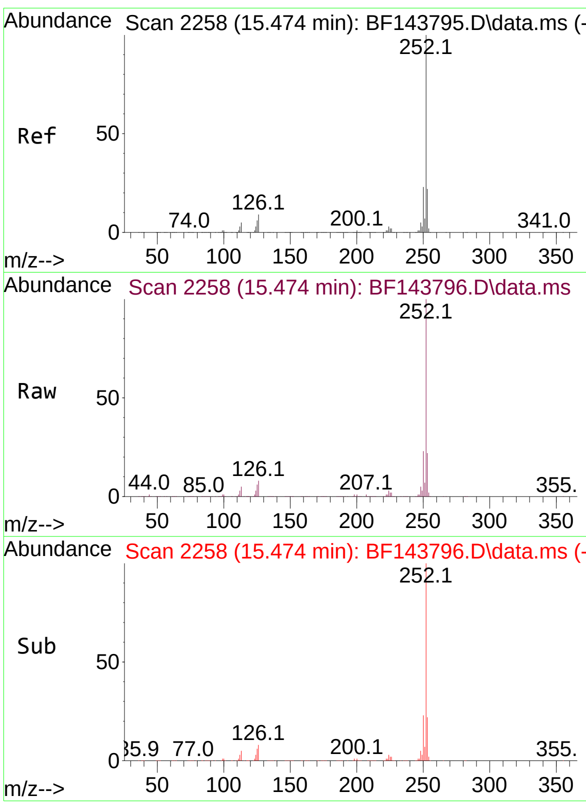
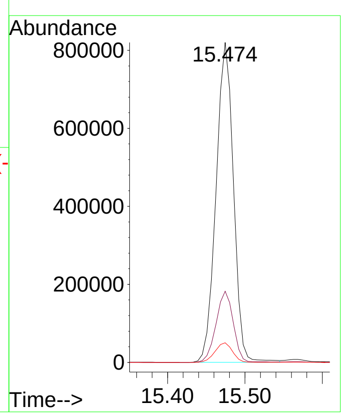




#90
Benzo(a)pyrene
Concen: 49.541 ng
RT: 15.474 min Scan# 2258
Delta R.T. -0.006 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion:252 Resp: 1283604

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	6.1	5.0	7.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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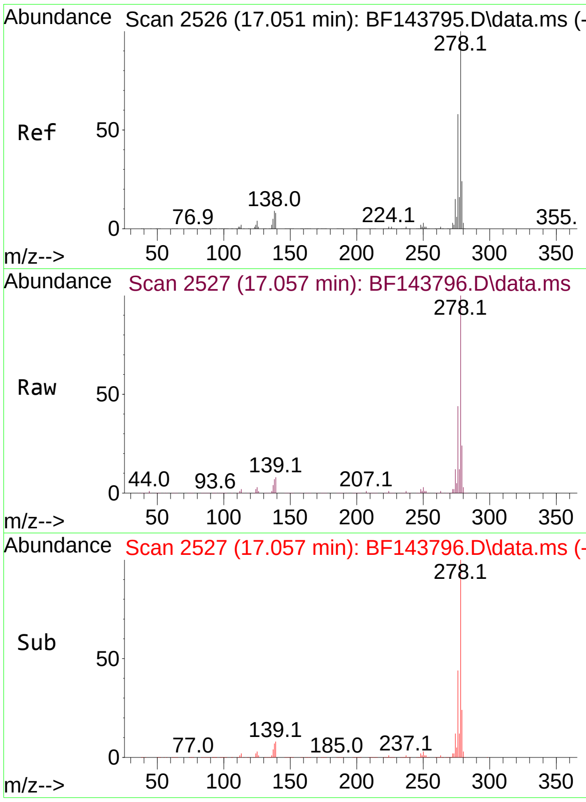
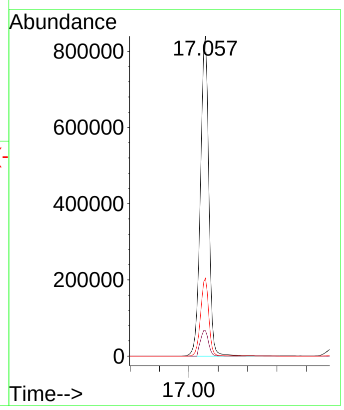
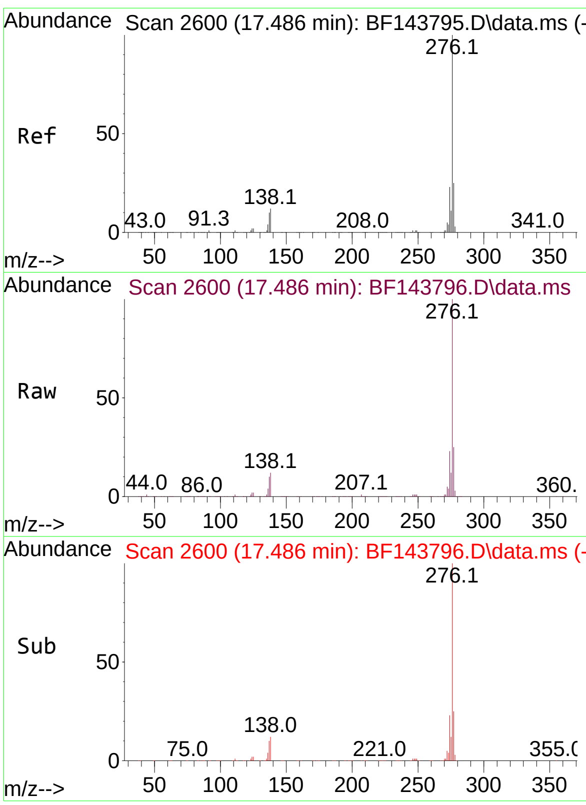


#91
Dibenzo(a,h)anthracene
Concen: 49.826 ng
RT: 17.057 min Scan# 25
Delta R.T. -0.012 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion:278 Resp: 1673679

Ion	Ratio	Lower	Upper
278	100		
139	7.9	6.7	10.1
279	24.3	19.3	28.9

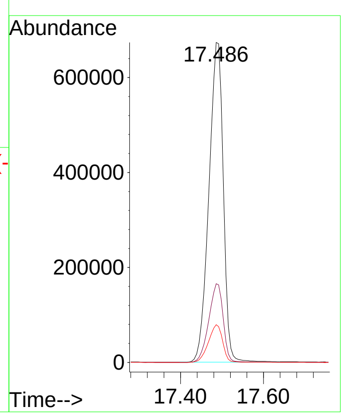




#92
Benzo(g,h,i)perylene
Concen: 50.151 ng
RT: 17.486 min Scan# 2600
Delta R.T. -0.018 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion:276 Resp: 1623902

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.6	29.4
138	11.8	9.2	13.8



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

ICAL Form

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Data File : BF143797.D
Acq On : 23 Sep 2025 14:58
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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Supervised By :Jagrut Upadhyay 09/24/2025

Quant Time: Sep 23 17:06:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 23 16:31:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	132440	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	482940	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	240564	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	364411	20.000	ng	0.00
76) Chrysene-d12	14.057	240	359318	20.000	ng	0.00
86) Perylene-d12	15.533	264	519571	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	948307	115.234	ng	0.00
7) Phenol-d6	6.510	99	1089571	112.196	ng	0.00
23) Nitrobenzene-d5	7.451	82	956391	124.628	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	396463	115.480	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1664507	102.249	ng	0.00
79) Terphenyl-d14	13.004	244	2132520	116.521	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.646	88	231372	59.300	ng	98
3) Pyridine	3.416	79	636709	60.455	ng	99
4) n-Nitrosodimethylamine	3.369	42	324819	61.507	ng	99
6) Aniline	6.551	93	785861	57.487	ng	100
8) 2-Chlorophenol	6.669	128	494437	59.248	ng	99
9) Benzaldehyde	6.440	77	611123	74.093	ng	99
10) Phenol	6.522	94	644396m	58.860	ng	
11) bis(2-Chloroethyl)ether	6.622	93	504773	58.819	ng	99
12) 1,3-Dichlorobenzene	6.828	146	550246	56.789	ng	99
13) 1,4-Dichlorobenzene	6.904	146	548117	56.685	ng	100
14) 1,2-Dichlorobenzene	7.057	146	520261	56.809	ng	99
15) Benzyl Alcohol	7.028	79	414075	60.843	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1178357	57.906	ng	100
17) 2-Methylphenol	7.134	107	381125	58.990	ng	99
18) Hexachloroethane	7.404	117	195969	57.629	ng	95
19) n-Nitroso-di-n-propyla...	7.304	70	345358	57.020	ng	100
20) 3+4-Methylphenols	7.287	107	454811	57.806	ng	95
22) Acetophenone	7.298	105	584748	55.128	ng	98
24) Nitrobenzene	7.469	77	523344	59.844	ng	98
25) Isophorone	7.710	82	917958	59.707	ng	99
26) 2-Nitrophenol	7.787	139	225802	62.050	ng	96
27) 2,4-Dimethylphenol	7.816	122	413744	60.209	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	567489	56.813	ng	99
29) 2,4-Dichlorophenol	8.022	162	402655	59.550	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	404040	57.579	ng	100
31) Naphthalene	8.192	128	1287223	55.678	ng	99
32) Benzoic acid	7.916	122	230784	69.608	ng	97
33) 4-Chloroaniline	8.239	127	467252	57.512	ng	99
34) Hexachlorobutadiene	8.310	225	303886	58.093	ng	99
35) Caprolactam	8.610	113	110413	63.887	ng	94
36) 4-Chloro-3-methylphenol	8.710	107	379597	59.859	ng	99
37) 2-Methylnaphthalene	8.881	142	828108	56.174	ng	99
38) 1-Methylnaphthalene	8.981	142	796215	56.428	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	405534	55.860	ng	99
41) Hexachlorocyclopentadiene	9.039	237	289489	62.918	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	282839	62.219	ng	99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
Data File : BF143797.D
Acq On : 23 Sep 2025 14:58
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

Quant Time: Sep 23 17:06:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 23 16:31:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	289963	60.982	ng	99
46) 1,1'-Biphenyl	9.345	154	957109	54.963	ng	99
47) 2-Chloronaphthalene	9.375	162	779426	55.605	ng	99
48) 2-Nitroaniline	9.463	65	288403	68.075	ng	97
49) Acenaphthylene	9.786	152	1091835	56.581	ng	100
50) Dimethylphthalate	9.639	163	859613	58.627	ng	100
51) 2,6-Dinitrotoluene	9.704	165	166977	69.313	ng	98
52) Acenaphthene	9.957	154	704698	55.494	ng	99
53) 3-Nitroaniline	9.875	138	192607	65.960	ng	99
54) 2,4-Dinitrophenol	9.975	184	54678	61.464	ng	81
55) Dibenzofuran	10.134	168	1004529	55.941	ng	100
56) 4-Nitrophenol	10.022	139	142495	60.557	ng	97
57) 2,4-Dinitrotoluene	10.104	165	222260	61.297	ng	99
58) Fluorene	10.475	166	711929	53.330	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	260302	63.904	ng	99
60) Diethylphthalate	10.345	149	800261	58.305	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	378141	55.593	ng	98
62) 4-Nitroaniline	10.486	138	175465	63.907	ng	99
63) Azobenzene	10.628	77	839301	58.022	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	90861	62.624	ng	91
66) n-Nitrosodiphenylamine	10.586	169	695896	58.067	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	373431	60.132	ng	99
68) Hexachlorobenzene	11.022	284	504432	58.941	ng	99
69) Atrazine	11.110	200	204628	58.963	ng	98
70) Pentachlorophenol	11.216	266	277473	65.133	ng	100
71) Phenanthrene	11.439	178	1042871	55.742	ng	99
72) Anthracene	11.492	178	1052693	56.095	ng	100
73) Carbazole	11.645	167	925032	56.377	ng	99
74) Di-n-butylphthalate	11.975	149	1113894	59.029	ng	100
75) Fluoranthene	12.627	202	1044763	55.523	ng	99
77) Benzidine	12.751	184	596216	68.094	ng	99
78) Pyrene	12.857	202	1089660	61.683	ng	100
80) Butylbenzylphthalate	13.474	149	411027	67.252	ng	99
81) Benzo(a)anthracene	14.045	228	1148366	59.491	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	517428	61.874	ng	100
83) Chrysene	14.086	228	1014385	58.075	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	556458	62.115	ng	100
85) Di-n-octyl phthalate	14.651	149	1010224	62.167	ng	99
87) Indeno(1,2,3-cd)pyrene	17.039	276	2413125	61.213	ng	99
88) Benzo(b)fluoranthene	15.104	252	1562058	59.037	ng	100
89) Benzo(k)fluoranthene	15.133	252	1604602	60.363	ng	99
90) Benzo(a)pyrene	15.474	252	1514049	60.876	ng	99
91) Dibenzo(a,h)anthracene	17.057	278	1959781	60.781	ng	99
92) Benzo(g,h,i)perylene	17.492	276	1938747	62.375	ng	100

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

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
Data File : BF143797.D
Acq On : 23 Sep 2025 14:58
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 23 17:06:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 23 16:31:21 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

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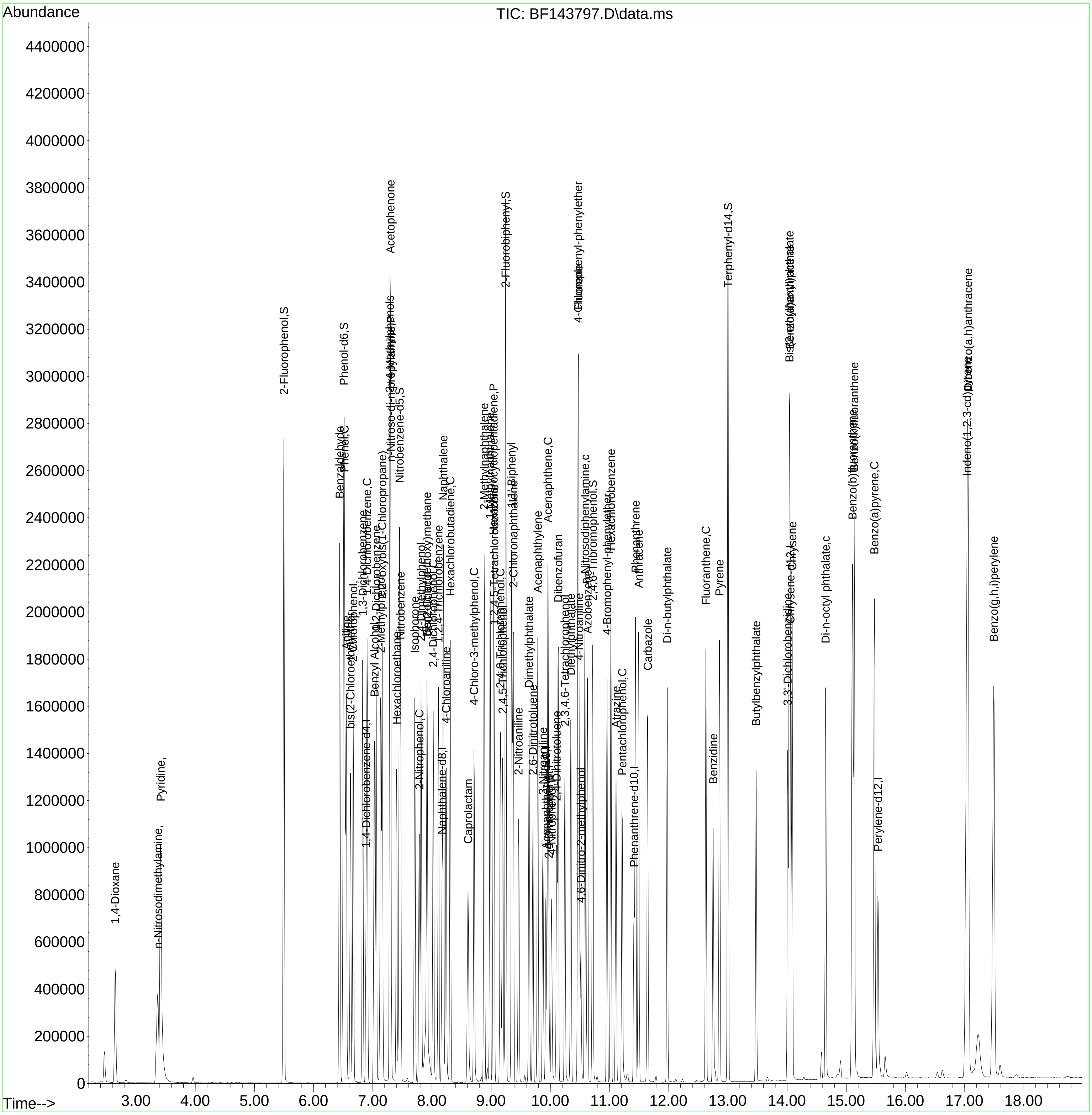
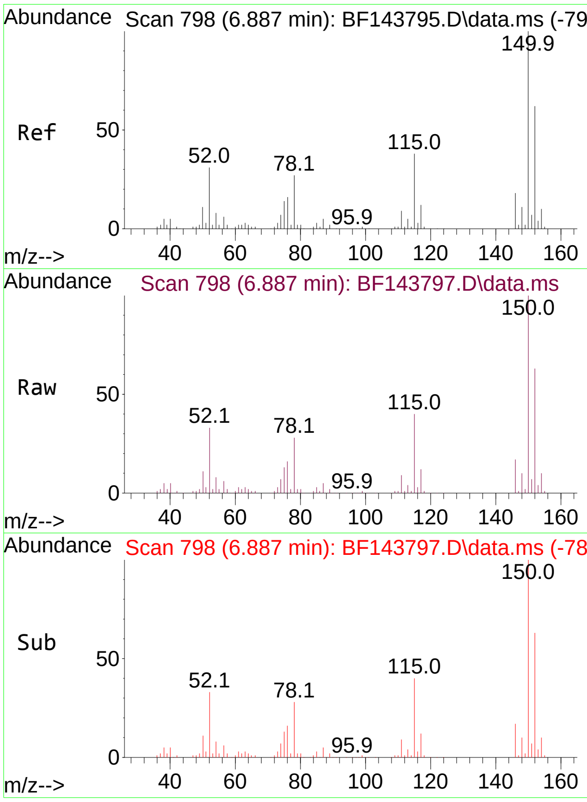
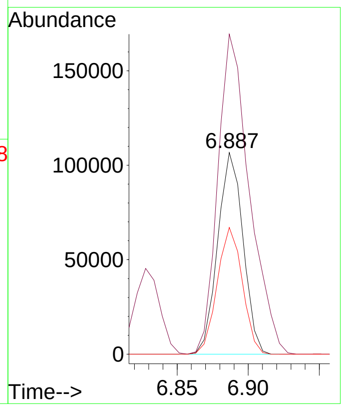




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion:152 Resp: 13244

Ion	Ratio	Lower	Upper
152	100		
150	158.8	129.6	194.4
115	62.9	49.0	73.4

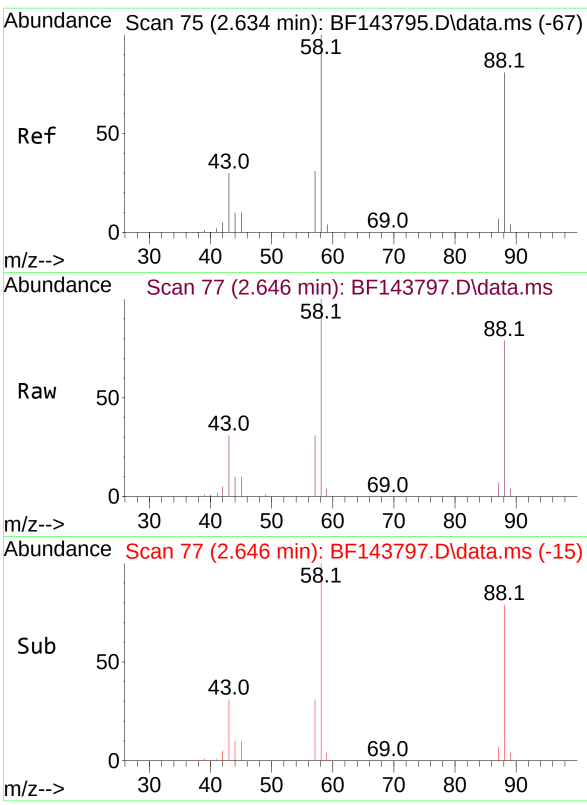


Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

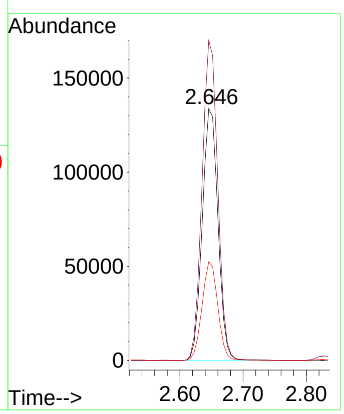
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

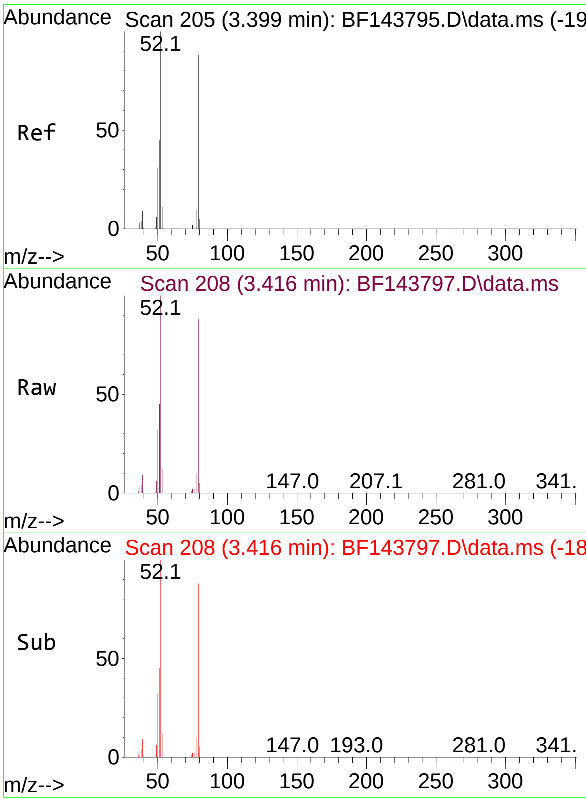


#2
1,4-Dioxane
Concen: 59.300 ng
RT: 2.646 min Scan# 77
Delta R.T. 0.012 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion: 88 Resp: 231372

Ion	Ratio	Lower	Upper
88	100		
58	126.7	99.4	149.2
43	39.3	30.6	45.8





#3
Pyridine
Concen: 60.455 ng
RT: 3.416 min Scan# 20
Delta R.T. 0.018 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

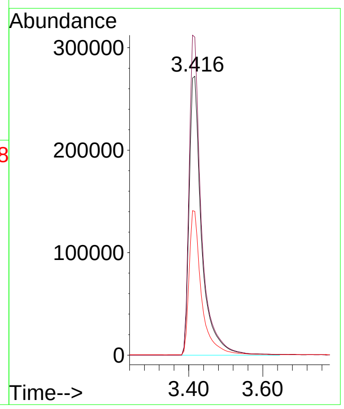
Tgt Ion: 79 Resp: 636709

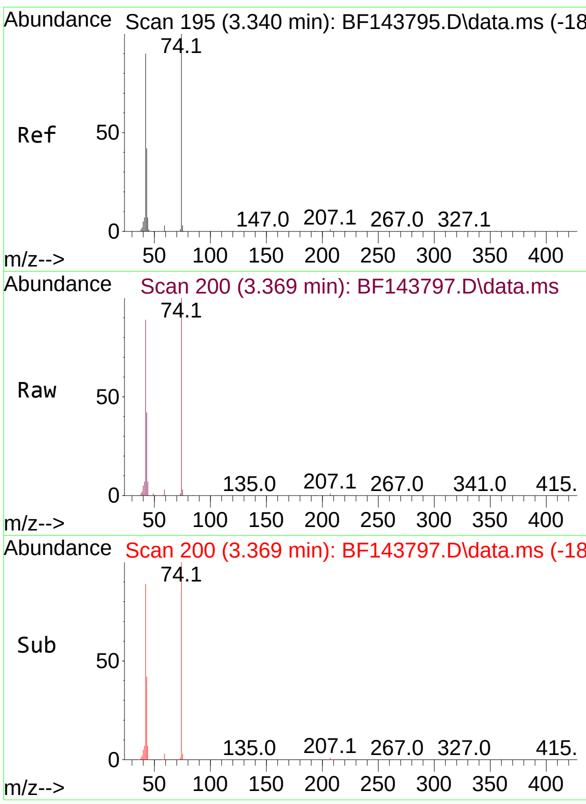
Ion	Ratio	Lower	Upper
79	100		
52	114.1	90.5	135.7
51	51.6	40.6	61.0

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

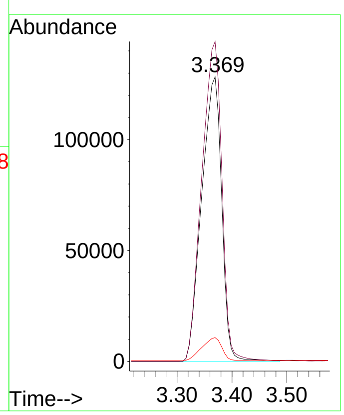




#4
n-Nitrosodimethylamine
Concen: 61.507 ng
RT: 3.369 min Scan# 200
Delta R.T. 0.012 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion: 42 Resp: 324819

Ion	Ratio	Lower	Upper
42	100		
74	112.5	89.1	133.7
44	8.4	6.4	9.6



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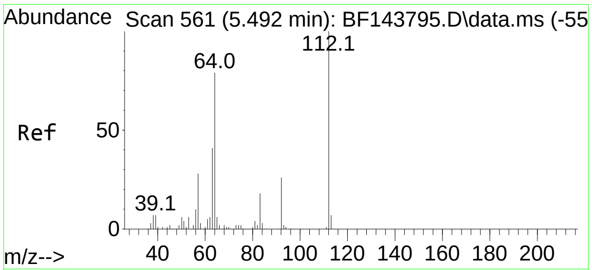
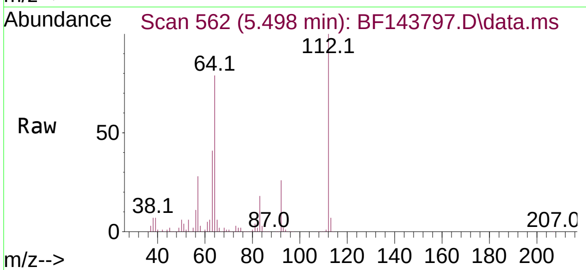
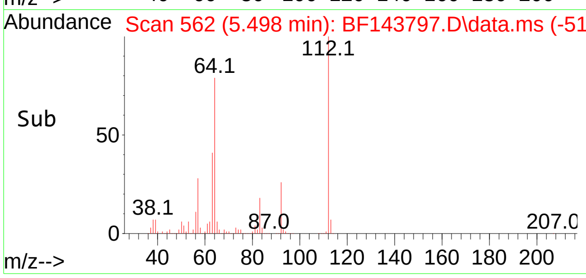






#5
2-Fluorophenol
Concen: 115.234 ng
RT: 5.498 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

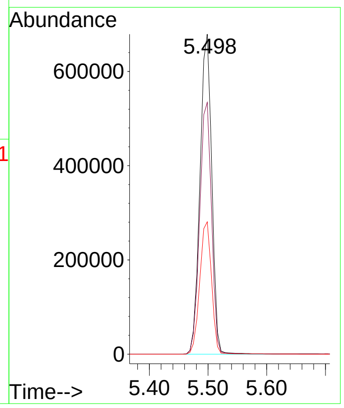
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

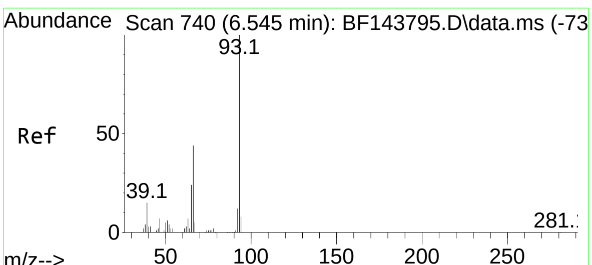
Manual Integrations
APPROVED

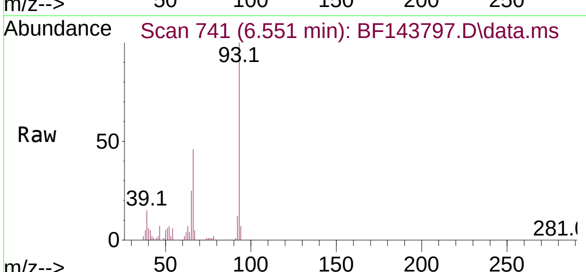
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

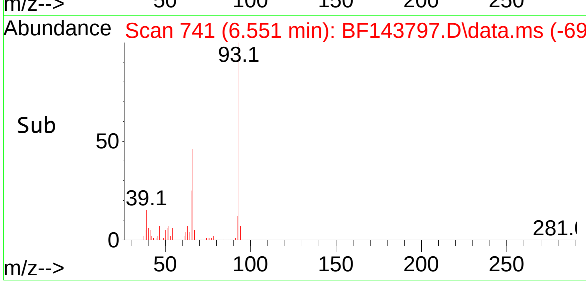
Tgt Ion:112 Resp: 94830

Ion	Ratio	Lower	Upper
112	100		
64	78.7	63.0	94.4
63	41.3	32.6	49.0





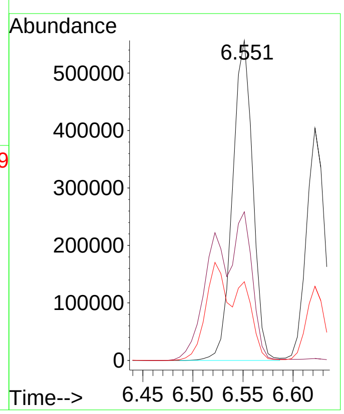


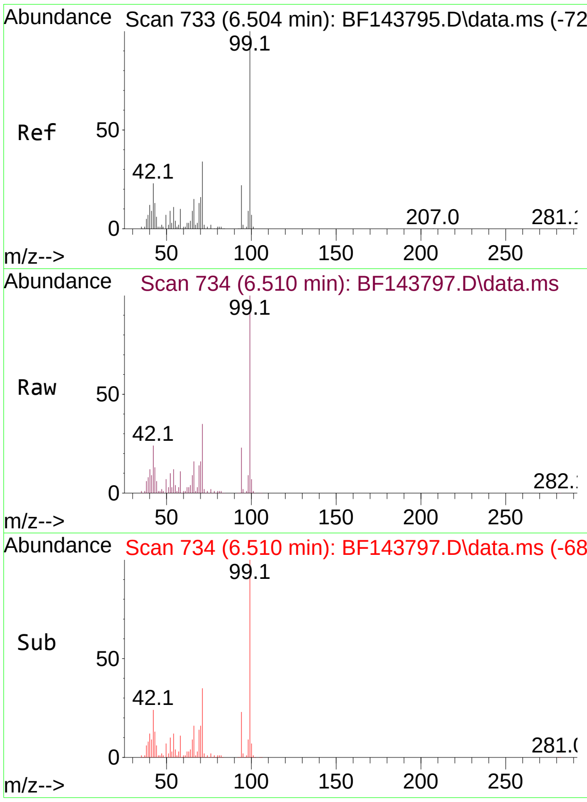


#6
Aniline
Concen: 57.487 ng
RT: 6.551 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion: 93 Resp: 785861

Ion	Ratio	Lower	Upper
93	100		
66	46.4	37.1	55.7
65	24.6	19.4	29.0





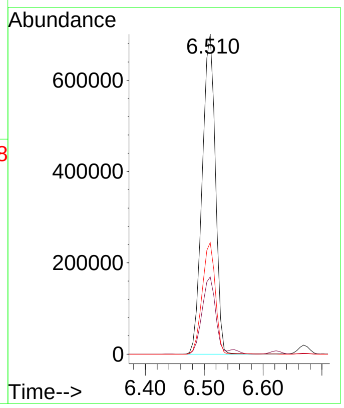
#7
Phenol-d6
Concen: 112.196 ng
RT: 6.510 min Scan# 73
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

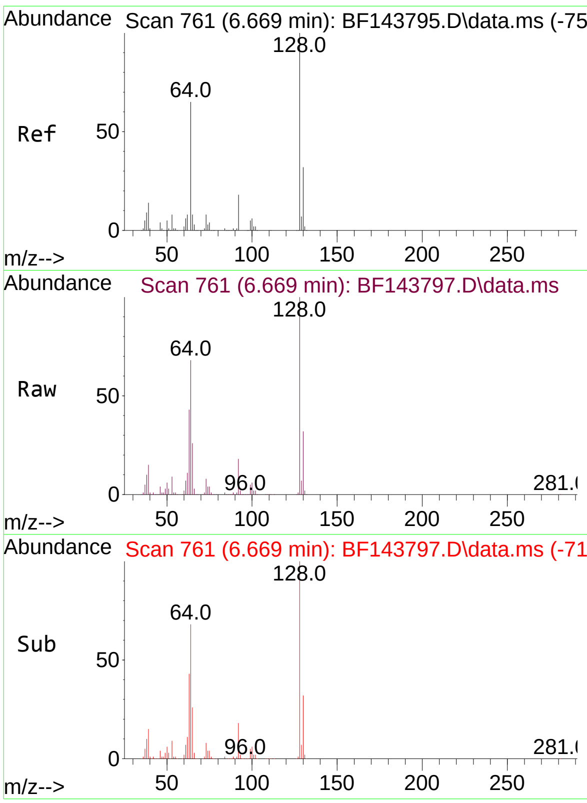
Tgt Ion: 99 Resp: 108957

Ion	Ratio	Lower	Upper
99	100		
42	24.1	18.6	28.0
71	34.9	27.0	40.4

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

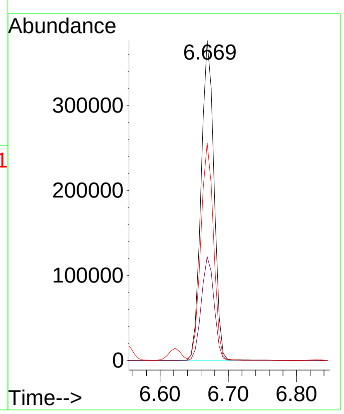




#8
2-Chlorophenol
Concen: 59.248 ng
RT: 6.669 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion:128 Resp: 494437

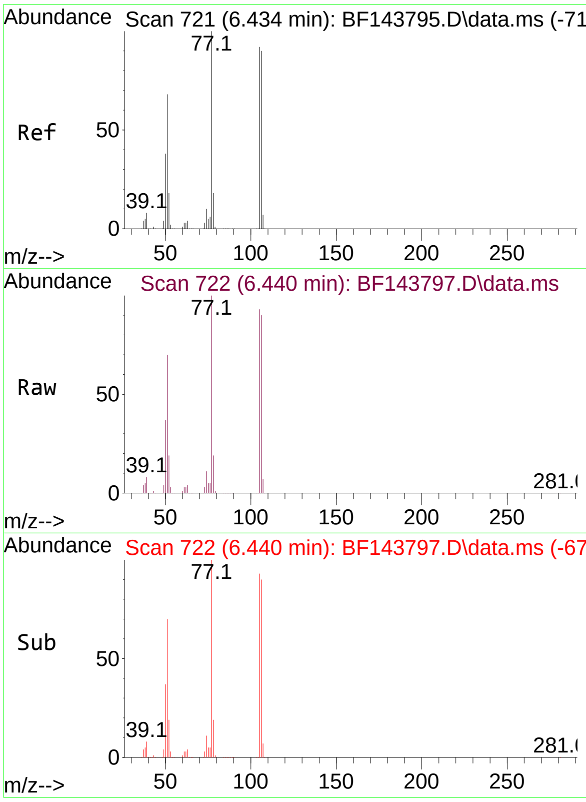
Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.2	52.2
64	68.0	46.5	86.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

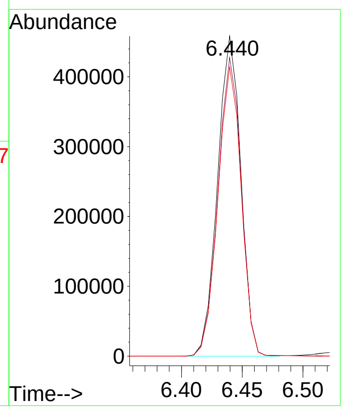
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

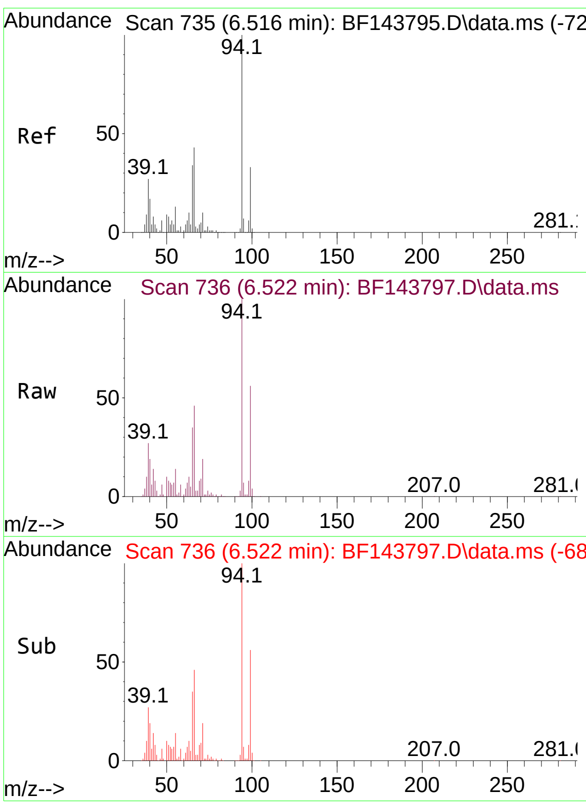


#9
Benzaldehyde
Concen: 74.093 ng
RT: 6.440 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion: 77 Resp: 61112

Ion	Ratio	Lower	Upper
77	100		
105	93.3	71.8	111.8
106	90.3	69.8	109.8

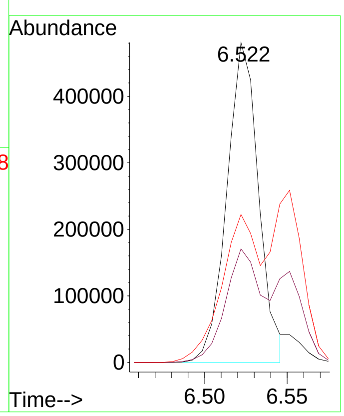




#10
Phenol
Concen: 58.860 ng m
RT: 6.522 min Scan# 736
Delta R.T. -0.006 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion: 94 Resp: 644396

Ion	Ratio	Lower	Upper
94	100		
65	35.5	14.2	54.2
66	46.2	24.1	64.1



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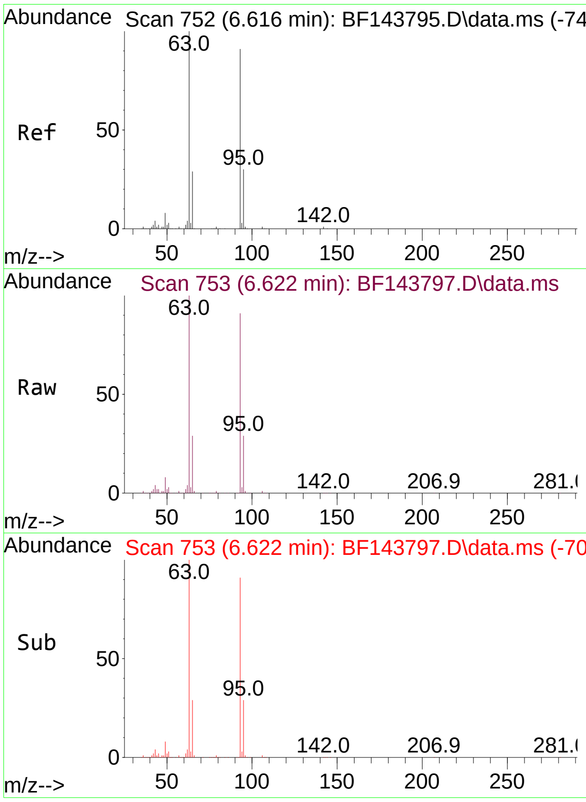
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

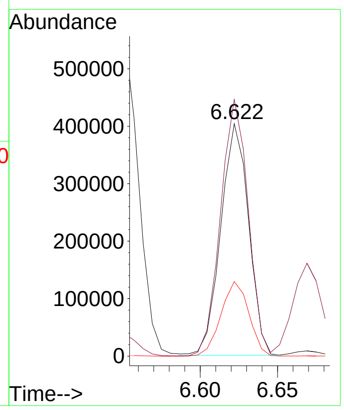
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

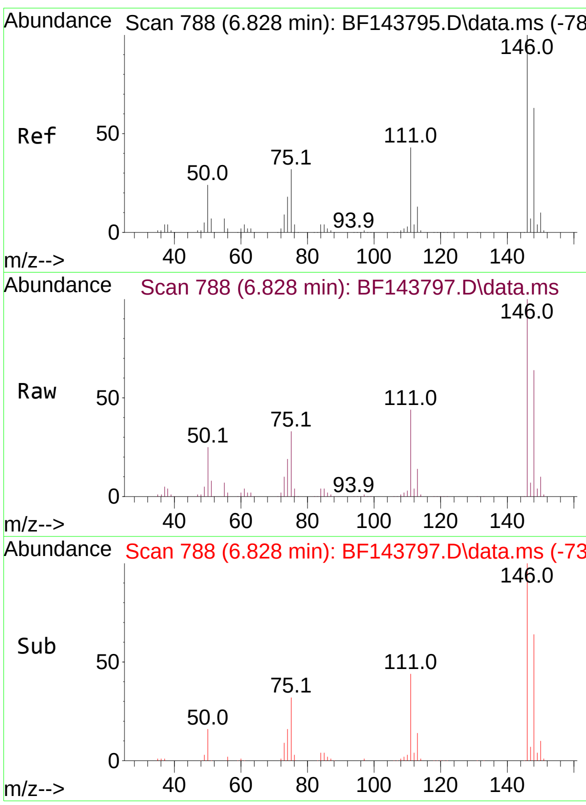


#11
bis(2-Chloroethyl)ether
Concen: 58.819 ng
RT: 6.622 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion: 93 Resp: 50477

Ion	Ratio	Lower	Upper
93	100		
63	110.4	89.2	129.2
95	32.1	12.9	52.9

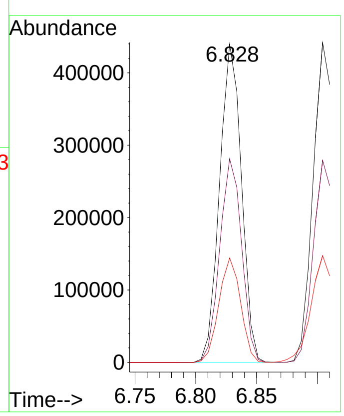


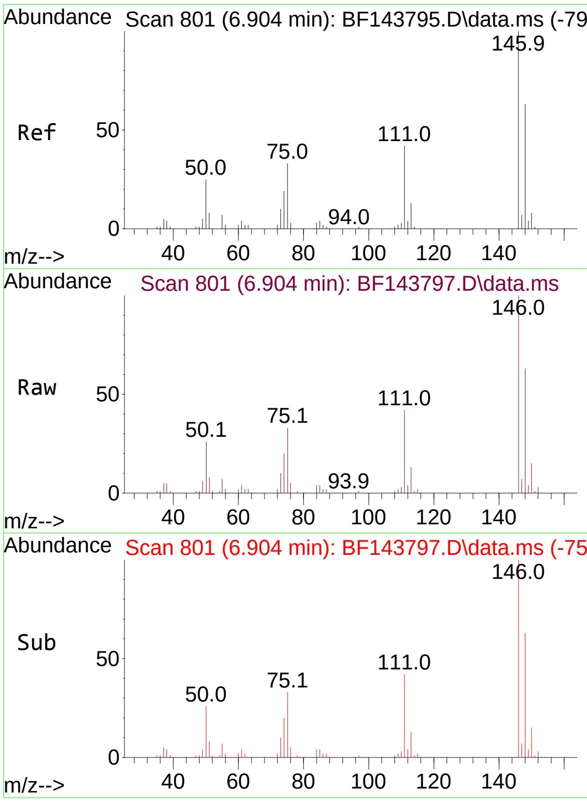


#12
1,3-Dichlorobenzene
Concen: 56.789 ng
RT: 6.828 min Scan# 788
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion:146 Resp: 550246

Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.4	75.6
75	32.8	25.6	38.4





#13
1,4-Dichlorobenzene
Concen: 56.685 ng
RT: 6.904 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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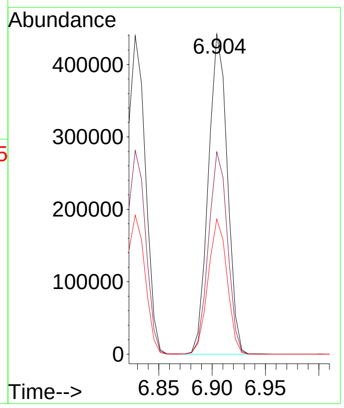
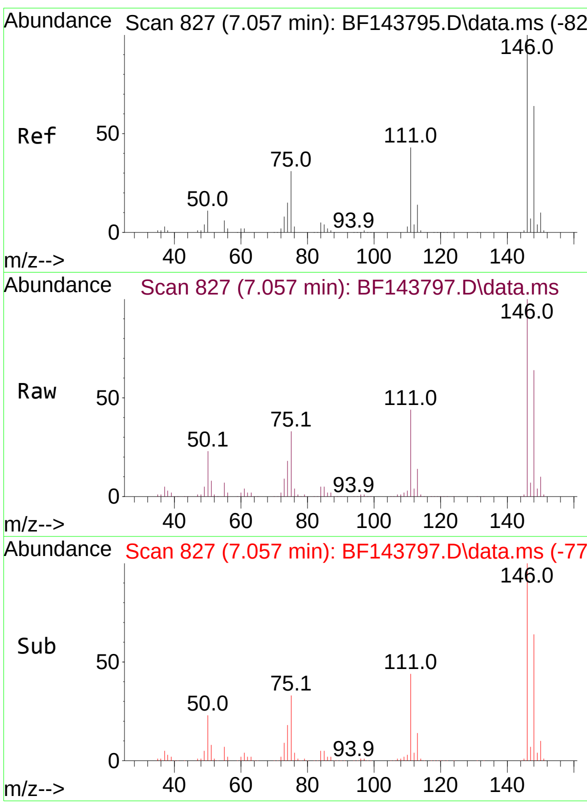
Tgt Ion:146 Resp: 54811

Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.7	76.1
111	42.2	33.4	50.2

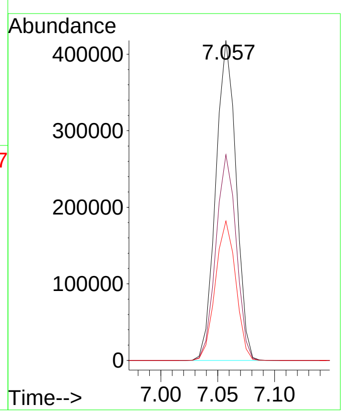


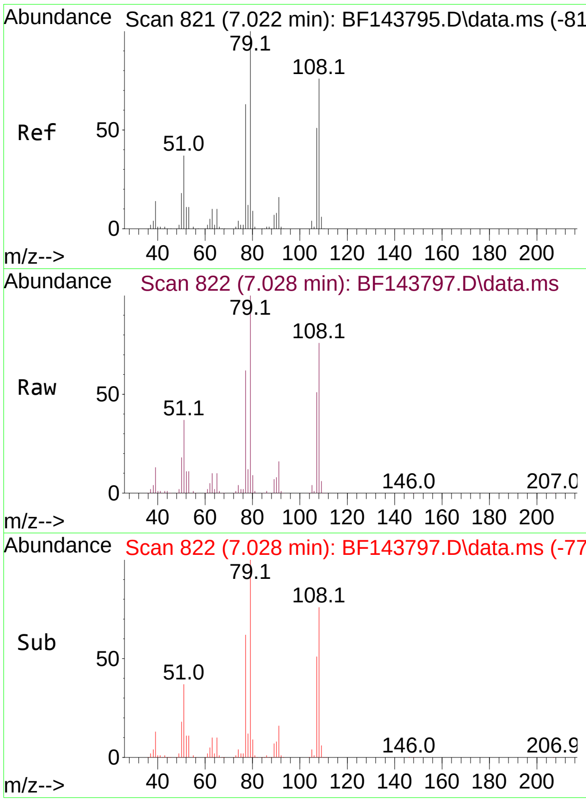


#14
1,2-Dichlorobenzene
Concen: 56.809 ng
RT: 7.057 min Scan# 827
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion:146 Resp: 520261

Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.1	76.7
111	43.6	34.3	51.5

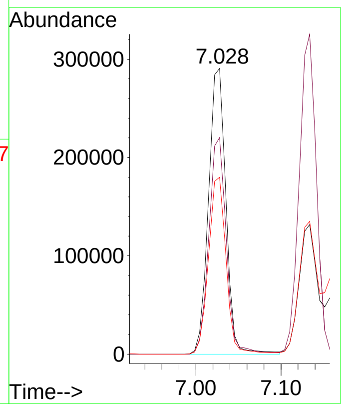




#15
Benzyl Alcohol
Concen: 60.843 ng
RT: 7.028 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion: 79 Resp: 41407

Ion	Ratio	Lower	Upper
79	100		
108	75.8	60.5	90.7
77	61.9	50.3	75.5



Instrument :
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ClientSampleId :
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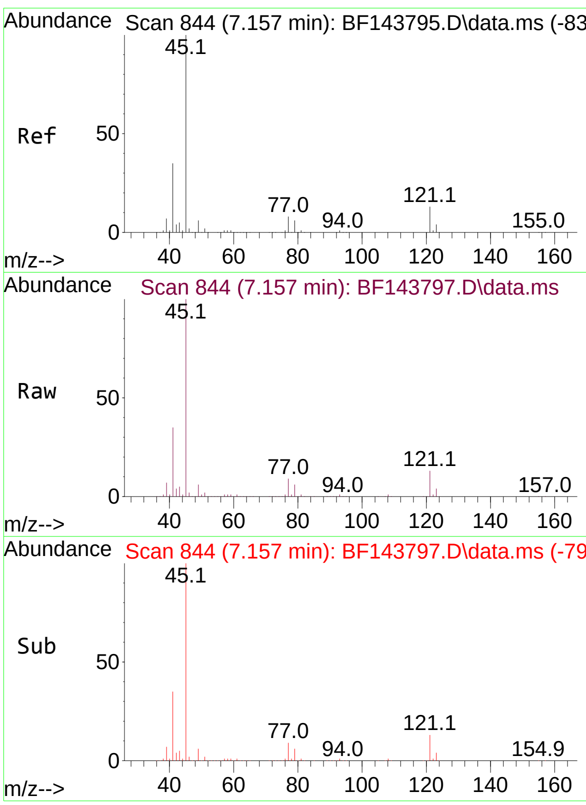
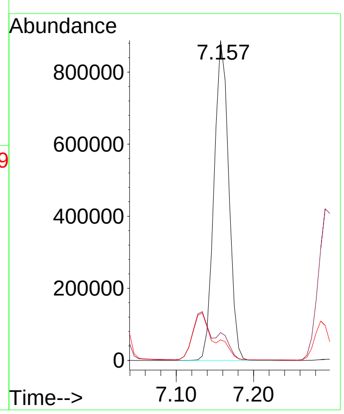


#16
2,2'-oxybis(1-Chloropropane)
Concen: 57.906 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion: 45 Resp: 1178357

Ion	Ratio	Lower	Upper
45	100		
77	8.7	0.0	28.5
79	6.4	0.0	26.3



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Instrument :
BNA_F
ClientSampleId :
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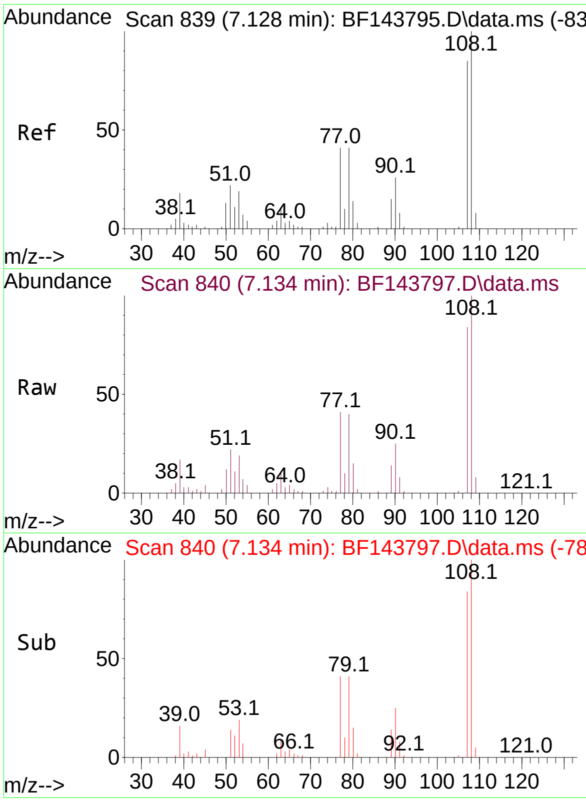
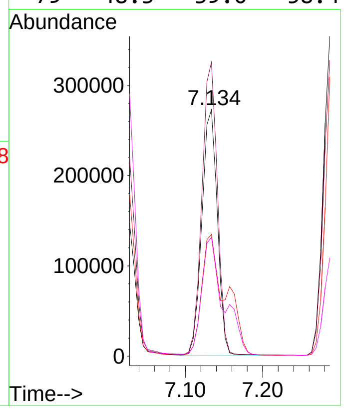
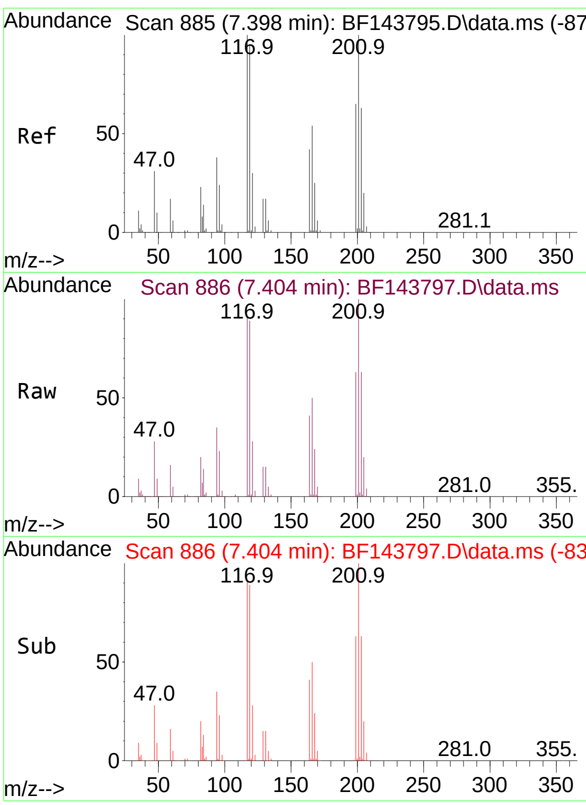


#17
2-Methylphenol
Concen: 58.990 ng
RT: 7.134 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion:107 Resp: 38112

Ion	Ratio	Lower	Upper
107	100		
108	119.3	94.2	141.4
77	49.5	38.6	58.0
79	48.3	39.0	58.4

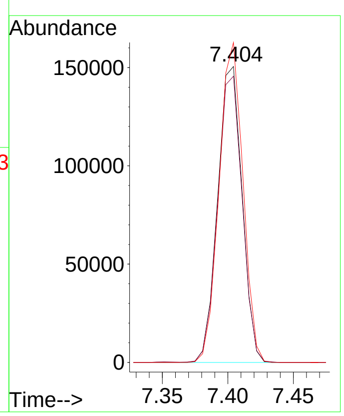


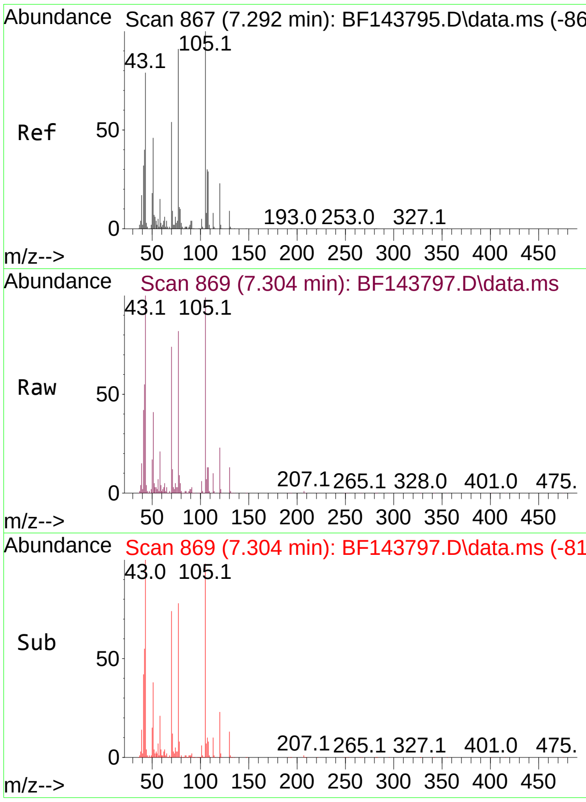


#18
Hexachloroethane
Concen: 57.629 ng
RT: 7.404 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion:117 Resp: 195969

Ion	Ratio	Lower	Upper
117	100		
119	96.7	76.2	114.2
201	108.2	79.7	119.5





#19
n-Nitroso-di-n-propylamine
Concen: 57.020 ng
RT: 7.304 min Scan# 86
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Instrument :
BNA_F
ClientSampleId :
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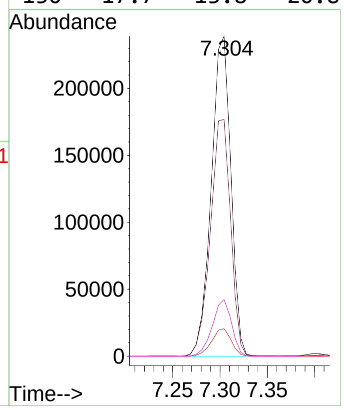
Tgt Ion: 70 Resp: 34535

Ion	Ratio	Lower	Upper
70	100		
42	74.0	59.4	89.0
101	8.6	7.1	10.7
130	17.7	13.8	20.8



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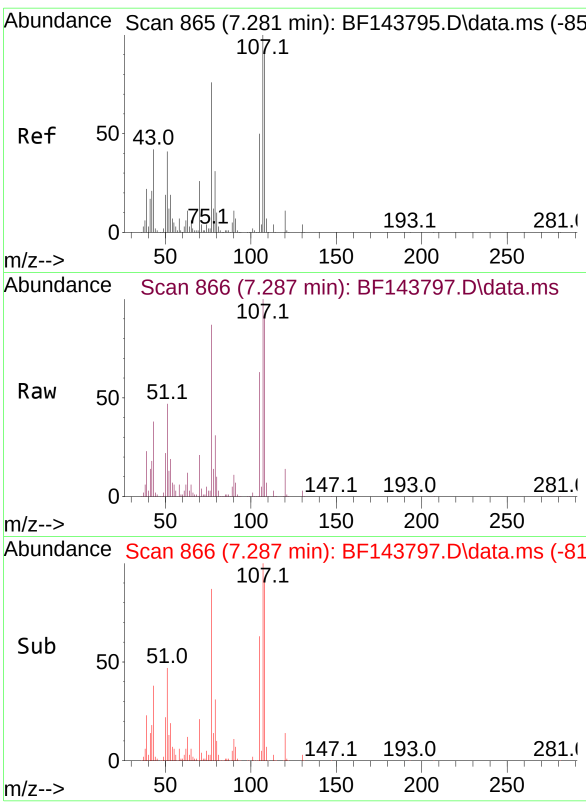
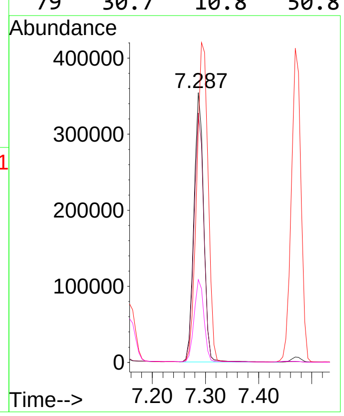
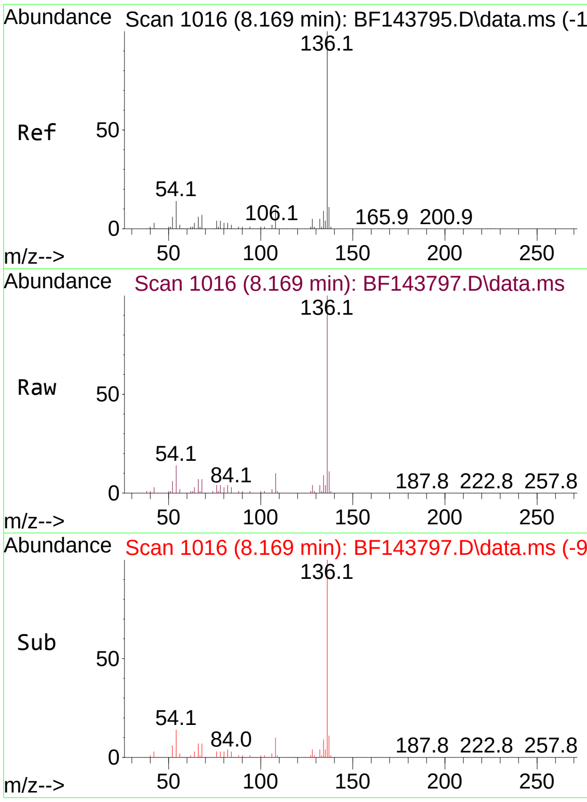


#20
3+4-Methylphenols
Concen: 57.806 ng
RT: 7.287 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion:107 Resp: 454811

Ion	Ratio	Lower	Upper
107	100		
108	92.5	72.5	112.5
77	87.2	56.2	96.2
79	30.7	10.8	50.8

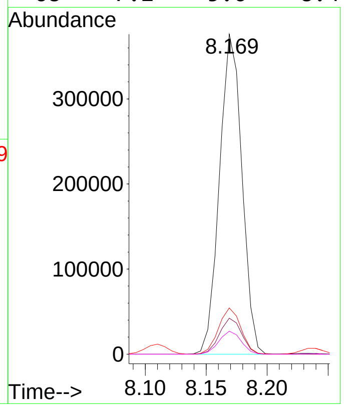




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion:136 Resp: 48294

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	14.4	11.2	16.8
68	7.2	5.6	8.4



Instrument :
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ClientSampleId :
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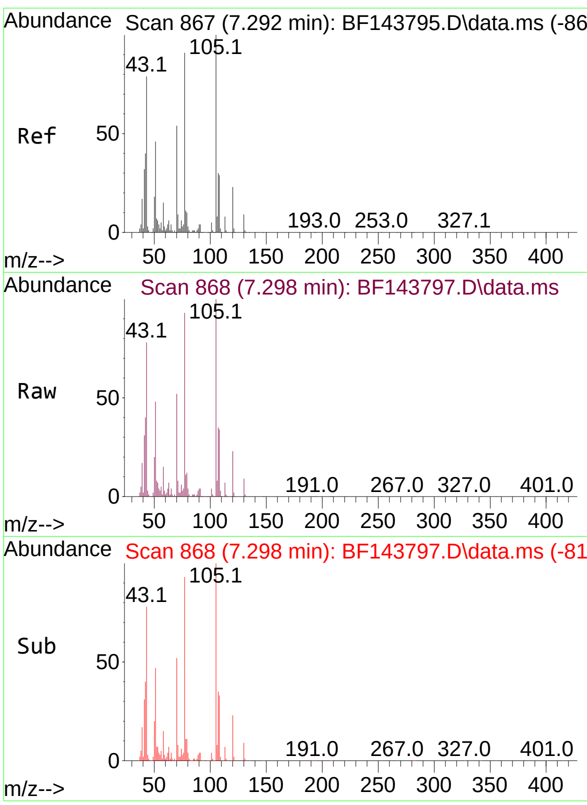
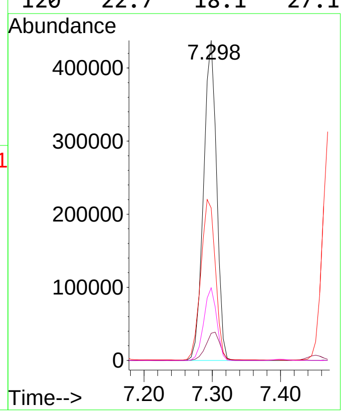


#22
Acetophenone
Concen: 55.128 ng
RT: 7.298 min Scan# 868
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion:105 Resp: 584748

Ion	Ratio	Lower	Upper
105	100		
71	8.5	7.0	10.4
51	47.6	36.6	55.0
120	22.7	18.1	27.1



Instrument :
BNA_F
ClientSampleId :
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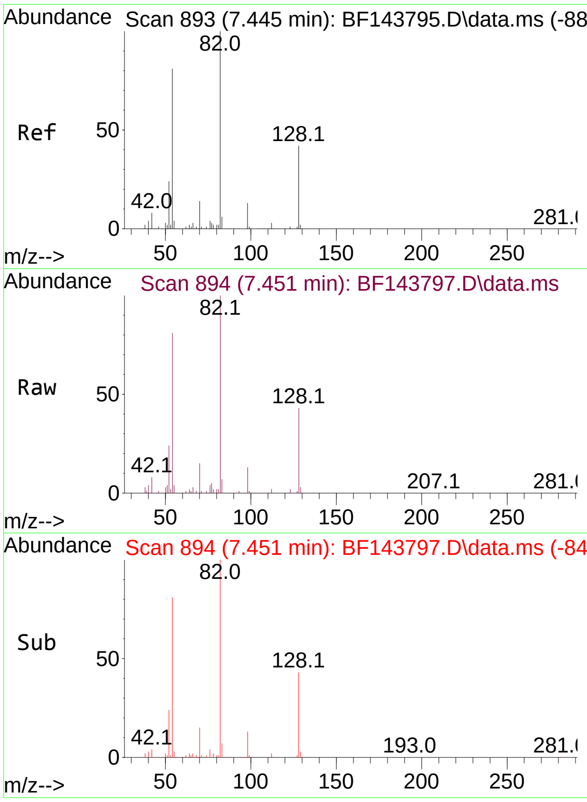
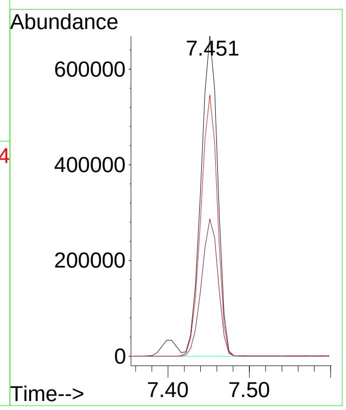
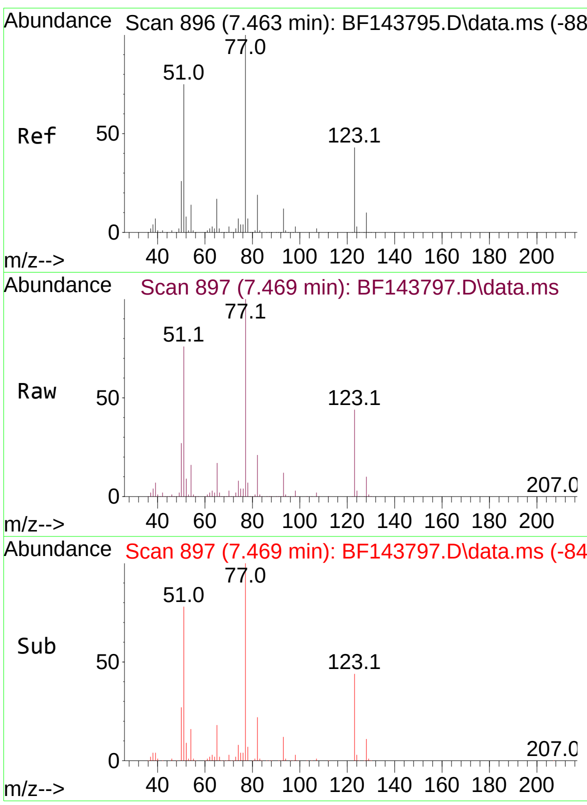


#23
Nitrobenzene-d5
Concen: 124.628 ng
RT: 7.451 min Scan# 89
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion: 82 Resp: 956391

Ion	Ratio	Lower	Upper
82	100		
128	42.8	33.3	49.9
54	81.4	64.2	96.4

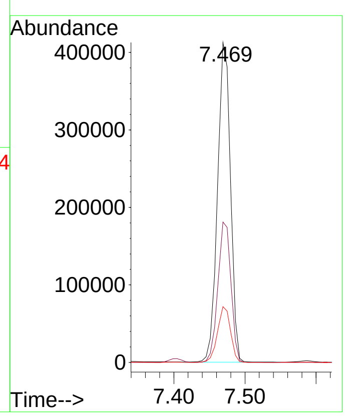


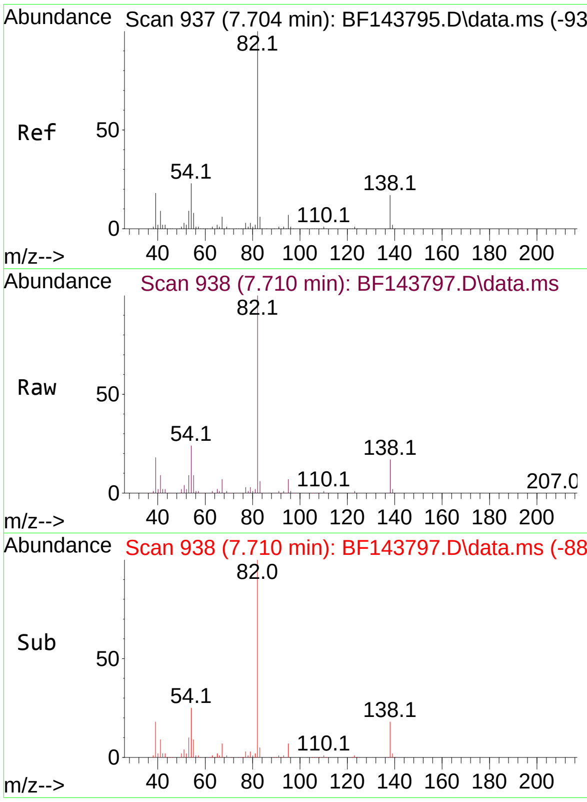


#24
Nitrobenzene
Concen: 59.844 ng
RT: 7.469 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion: 77 Resp: 523344

Ion	Ratio	Lower	Upper
77	100		
123	43.9	34.0	51.0
65	17.4	13.5	20.3

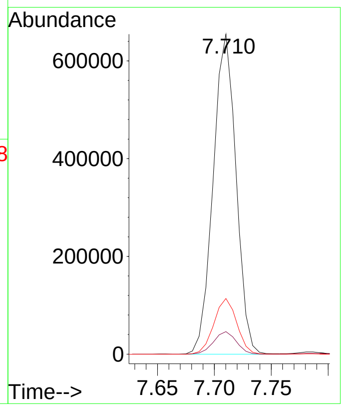




#25
Isophorone
Concen: 59.707 ng
RT: 7.710 min Scan# 93
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion: 82 Resp: 917958

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.4	8.2
138	17.4	13.7	20.5



Instrument :
BNA_F
ClientSampleId :
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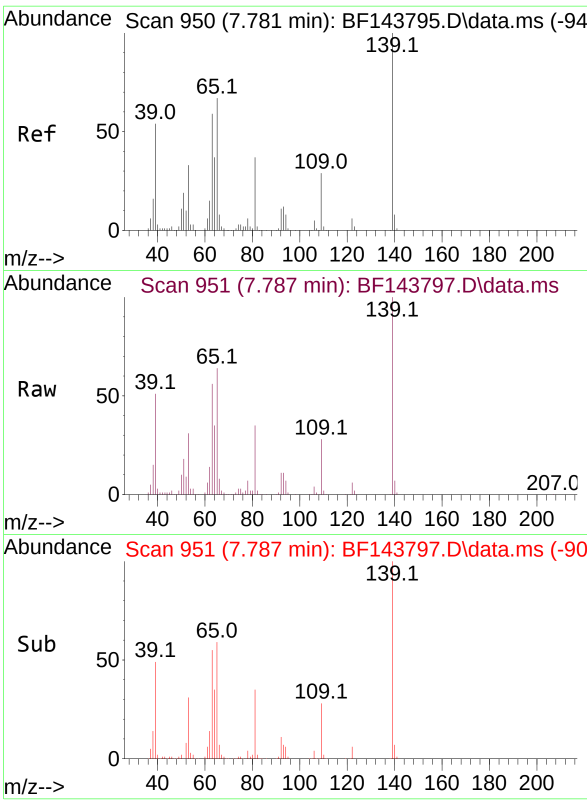
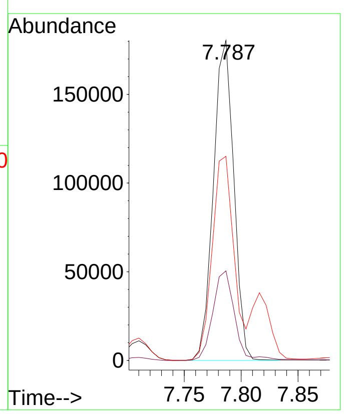
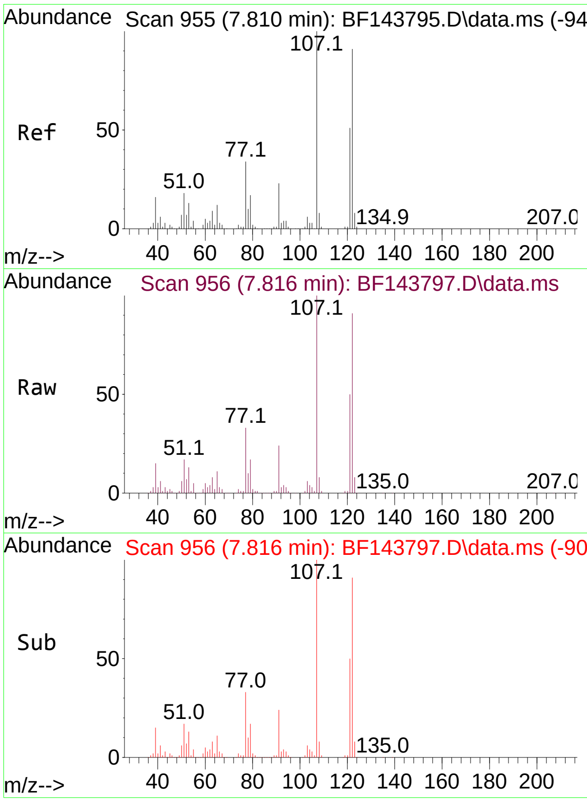


#26
2-Nitrophenol
Concen: 62.050 ng
RT: 7.787 min Scan# 951
Delta R.T. 0.001 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion:139 Resp: 225802

Ion	Ratio	Lower	Upper
139	100		
109	28.0	23.3	34.9
65	63.8	53.8	80.6





#27
2,4-Dimethylphenol
Concen: 60.209 ng
RT: 7.816 min Scan# 95
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion:122 Resp: 41374

Ion	Ratio	Lower	Upper
122	100		
107	110.2	87.5	131.3
121	55.0	44.2	66.4

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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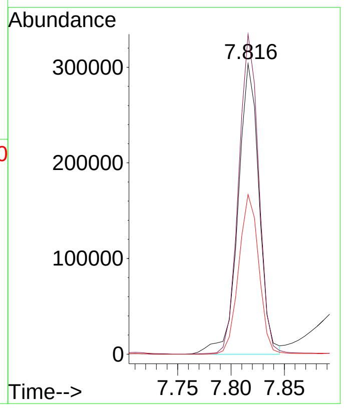

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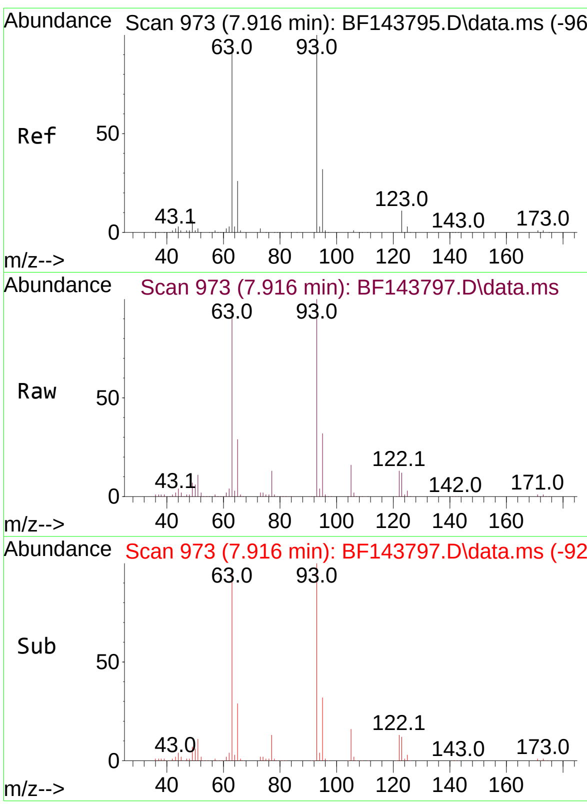
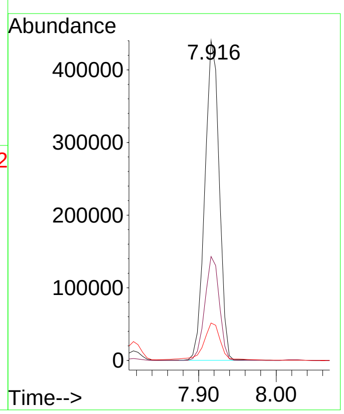
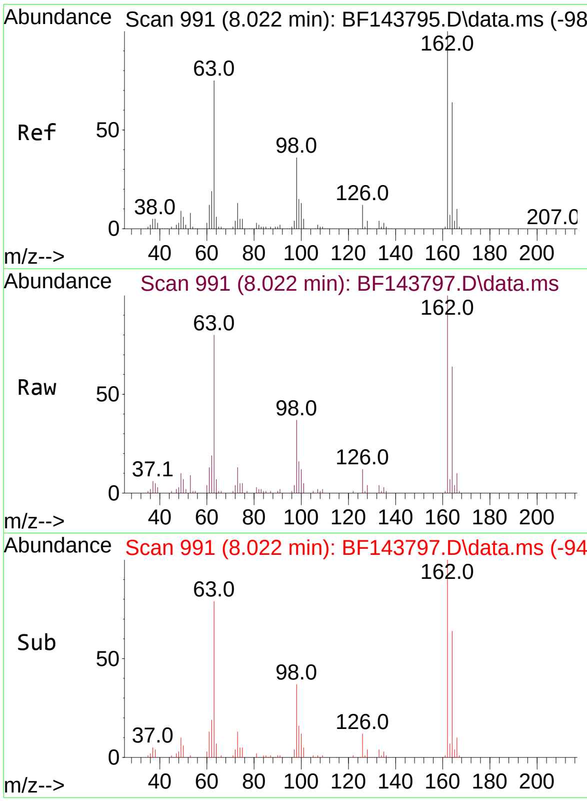


#28
bis(2-Chloroethoxy)methane
Concen: 56.813 ng
RT: 7.916 min Scan# 973
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion: 93 Resp: 567489

Ion	Ratio	Lower	Upper
93	100		
95	32.5	25.8	38.8
123	11.7	8.8	13.2





#29
2,4-Dichlorophenol
Concen: 59.550 ng
RT: 8.022 min   Scan# 99
Delta R.T.   0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025   14:58

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:162 Resp: 40265

Ion	Ratio	Lower	Upper
162	100		
164	64.4	44.1	84.1
98	37.4	15.8	55.8

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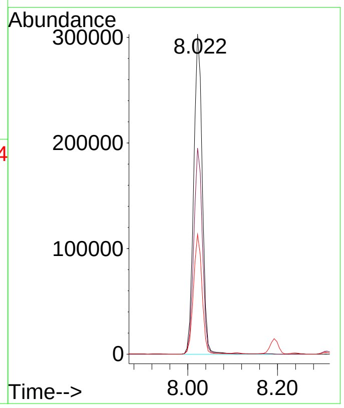

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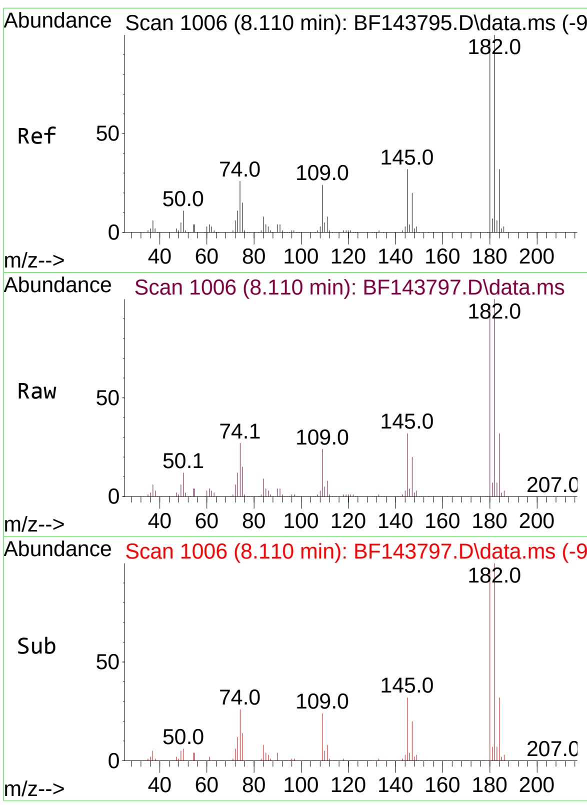
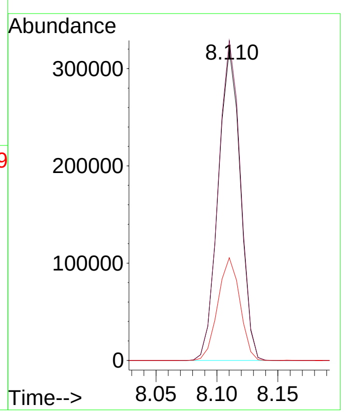
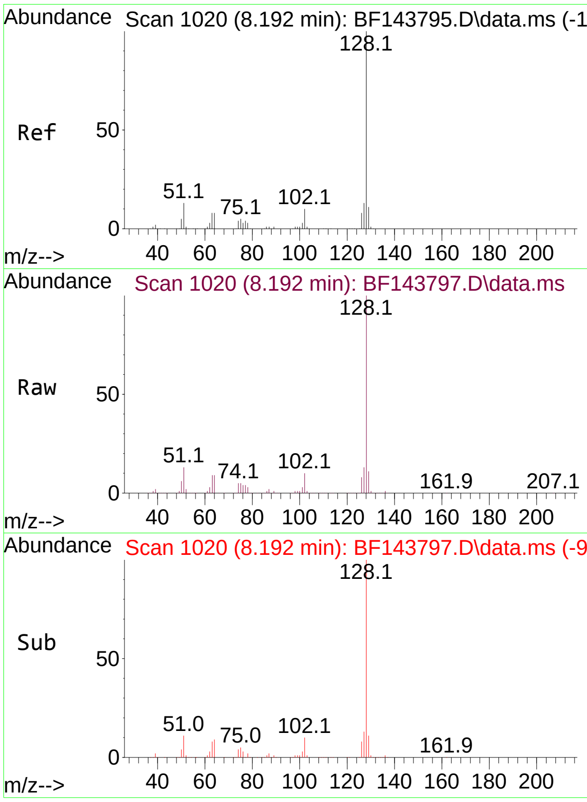


#30
1,2,4-Trichlorobenzene
Concen: 57.579 ng
RT: 8.110 min   Scan# 1006
Delta R.T.   0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025   14:58

Tgt Ion:180 Resp: 404040

Ion	Ratio	Lower	Upper
180	100		
182	102.7	82.0	123.0
145	33.0	25.9	38.9





#31
Naphthalene
Concen: 55.678 ng
RT: 8.192 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion:128 Resp: 128722

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.8	13.2
127	13.1	10.2	15.4

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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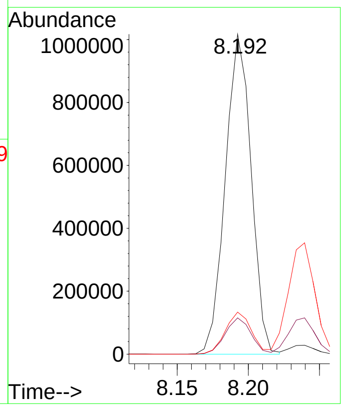

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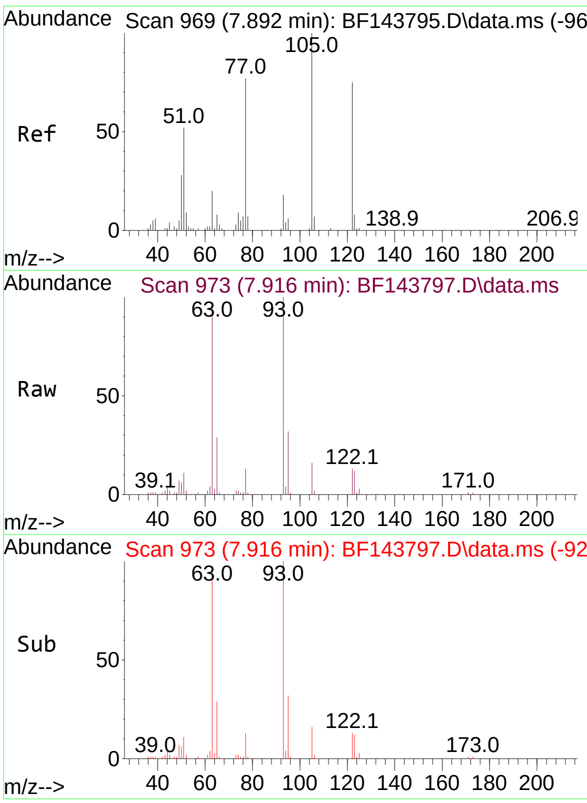
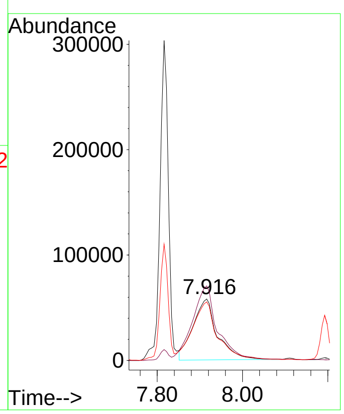


#32
Benzoic acid
Concen: 69.608 ng
RT: 7.916 min Scan# 973
Delta R.T. -0.006 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion:122 Resp: 230784

Ion	Ratio	Lower	Upper
122	100		
105	121.3	103.7	143.7
77	95.3	78.8	118.8



Instrument :
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ClientSampleId :
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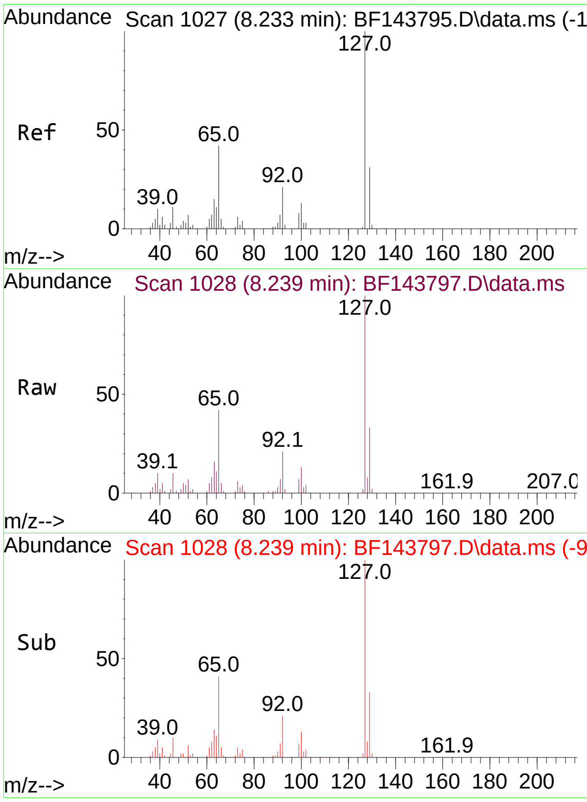
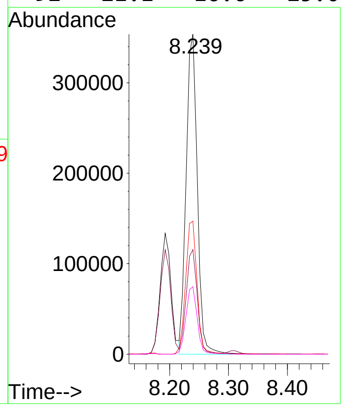
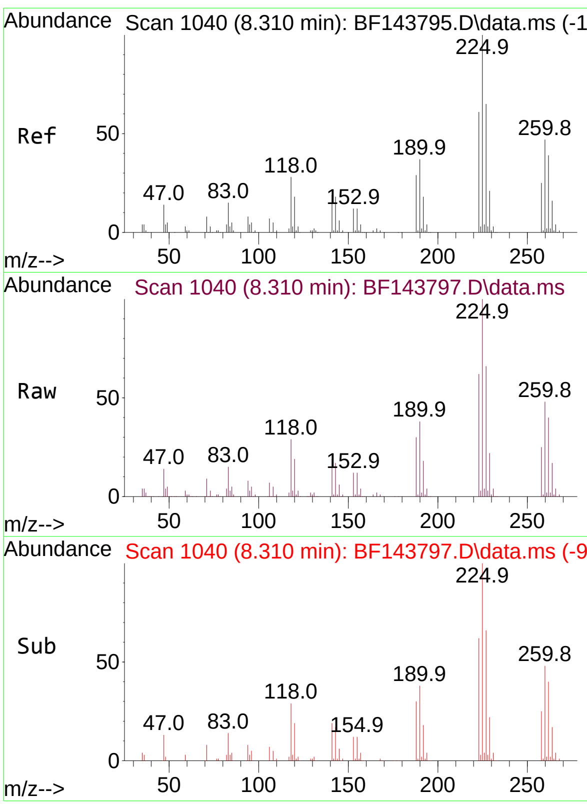


#33
4-Chloroaniline
Concen: 57.512 ng
RT: 8.239 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion:127 Resp: 46725

Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.4	38.2
65	41.5	33.4	50.2
92	21.1	16.6	25.0

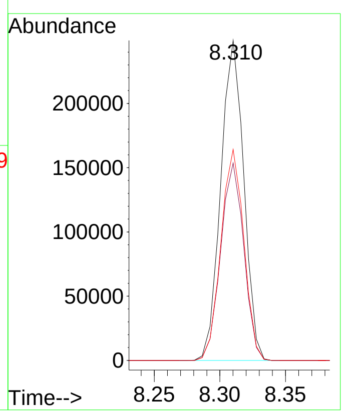


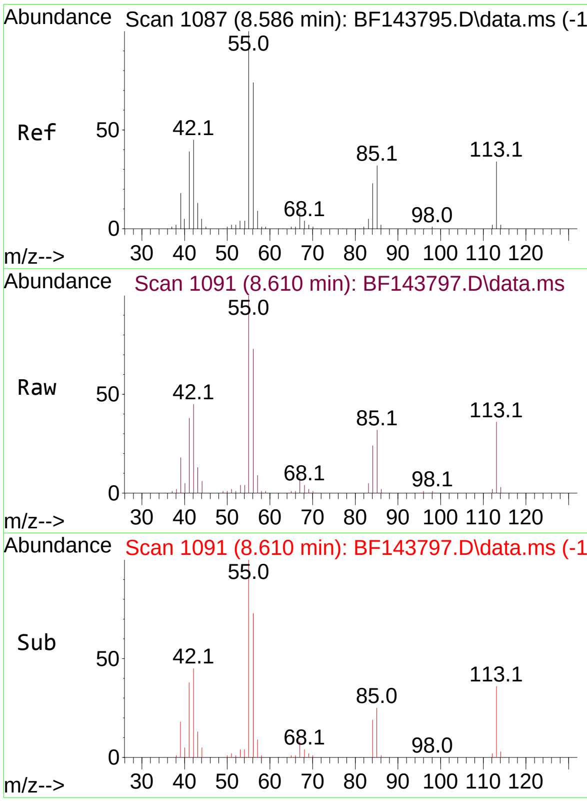


#34
Hexachlorobutadiene
Concen: 58.093 ng
RT: 8.310 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion:225 Resp: 303886

Ion	Ratio	Lower	Upper
225	100		
223	61.7	48.6	72.8
227	65.9	51.9	77.9





#35
Caprolactam
Concen: 63.887 ng
RT: 8.610 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:113 Resp: 110411

Ion	Ratio	Lower	Upper
113	100		
55	279.9	271.7	311.7
56	204.7	194.5	234.5

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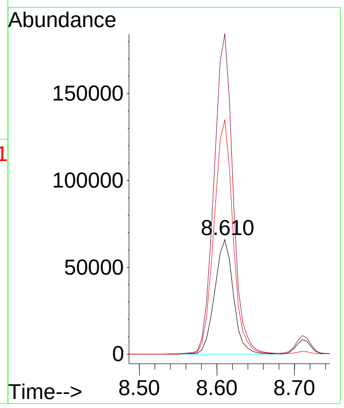
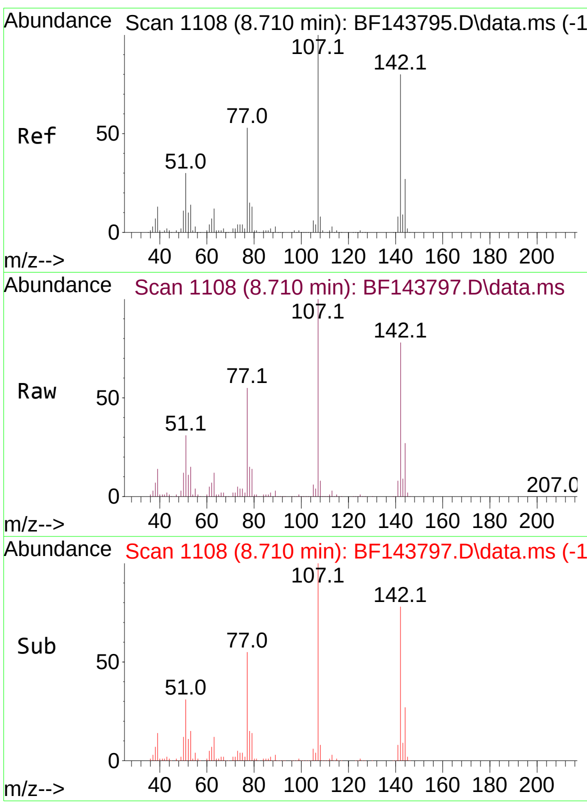


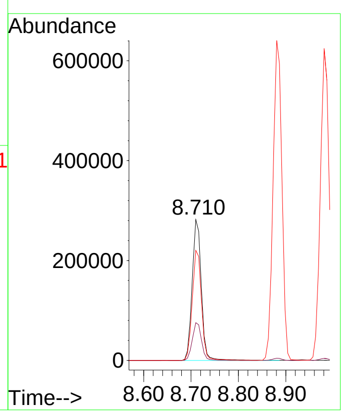
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

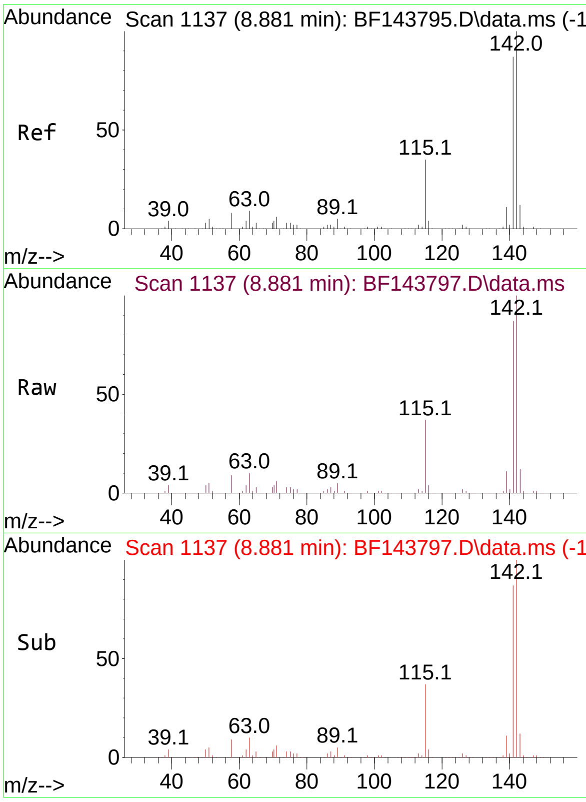


#36
4-Chloro-3-methylphenol
Concen: 59.859 ng
RT: 8.710 min Scan# 1108
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion:107 Resp: 379597

Ion	Ratio	Lower	Upper
107	100		
144	26.7	21.8	32.8
142	78.1	63.6	95.4





#37
2-Methylnaphthalene
Concen: 56.174 ng
RT: 8.881 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:142 Resp: 828108

Ion	Ratio	Lower	Upper
142	100		
141	87.3	69.4	104.0

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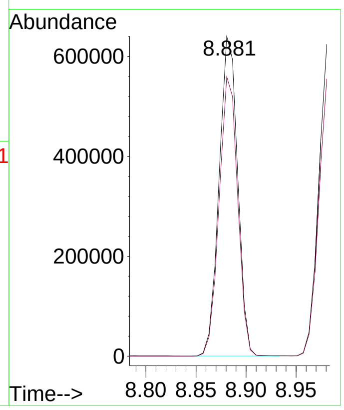
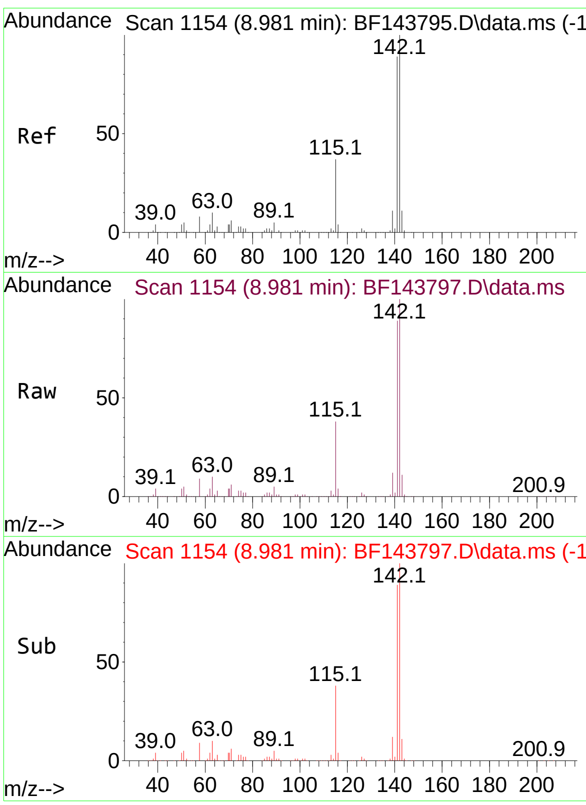
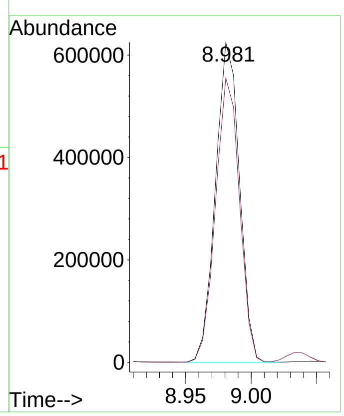


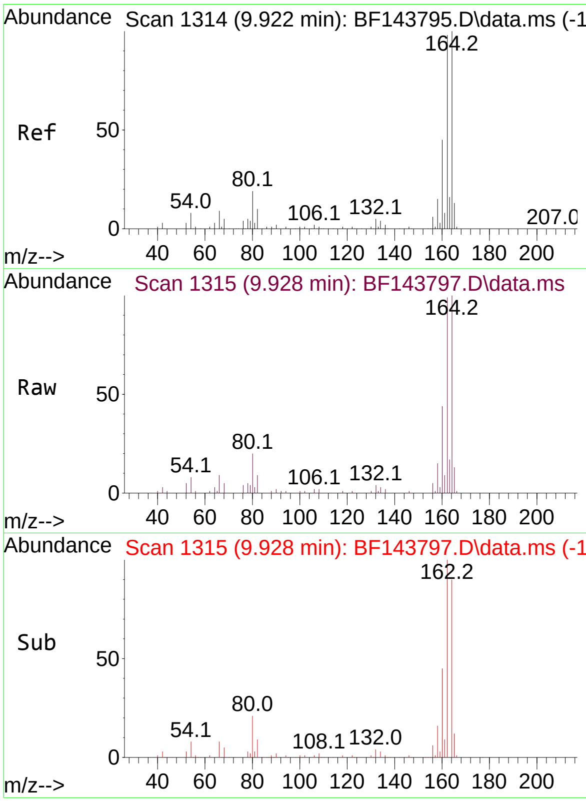


#38
1-Methylnaphthalene
Concen: 56.428 ng
RT: 8.981 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion:142 Resp: 796215

Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.1	106.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 13
Delta R.T. -0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion:164 Resp: 240564

Ion	Ratio	Lower	Upper
164	100		
162	99.1	78.8	118.2
160	44.4	35.8	53.6

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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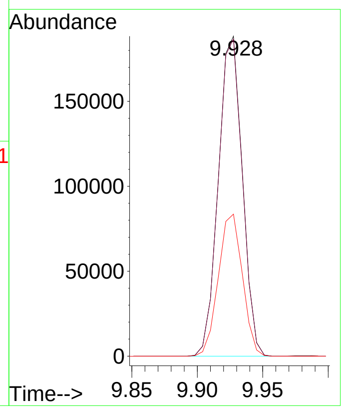
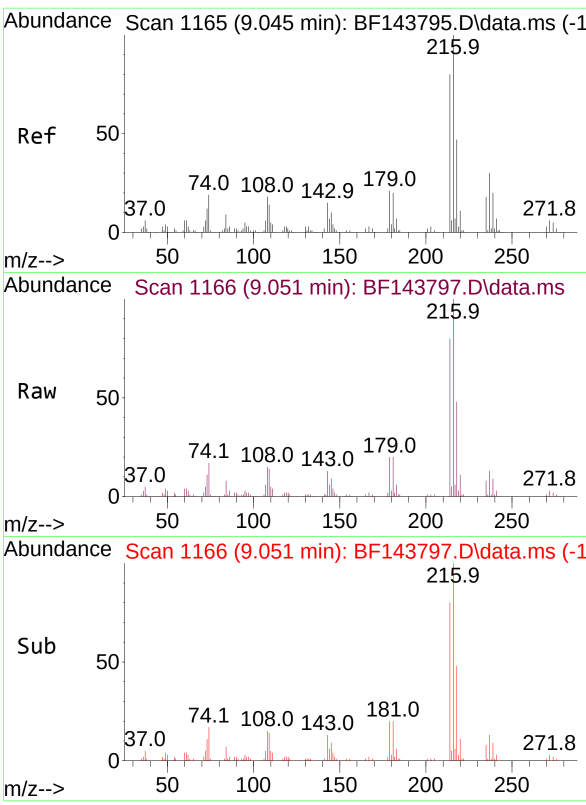
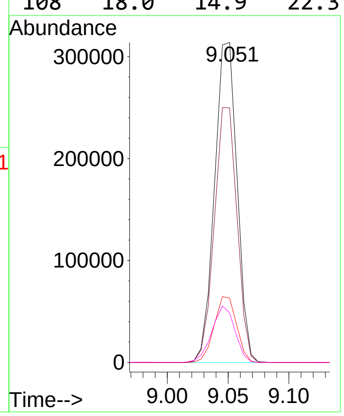


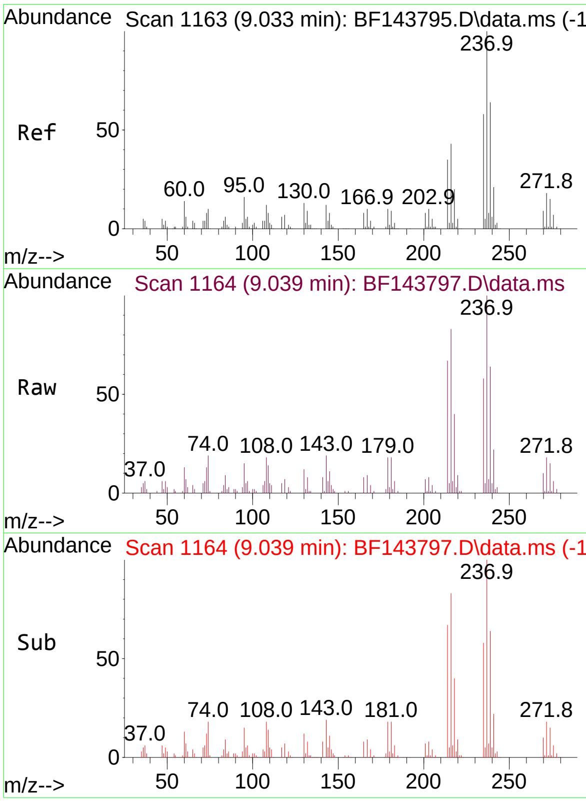


#40
1,2,4,5-Tetrachlorobenzene
Concen: 55.860 ng
RT: 9.051 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion:216 Resp: 405534

Ion	Ratio	Lower	Upper
216	100		
214	80.0	63.7	95.5
179	20.4	16.5	24.7
108	18.0	14.9	22.3





#41
Hexachlorocyclopentadiene
Concen: 62.918 ng
RT: 9.039 min   Scan# 11
Delta R.T.   0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025   14:58

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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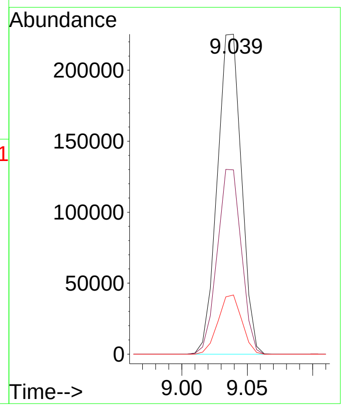
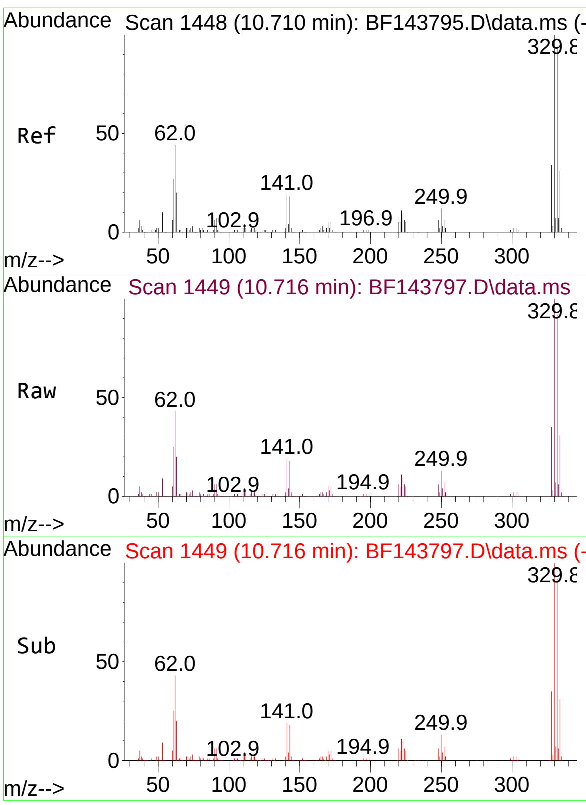
Tgt Ion:237 Resp: 28948

Ion	Ratio	Lower	Upper
237	100		
235	57.6	38.1	78.1
272	18.5	0.0	37.9

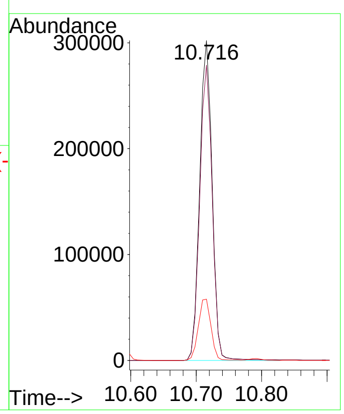




#42
2,4,6-Tribromophenol
Concen: 115.480 ng
RT: 10.716 min   Scan# 1449
Delta R.T.   0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025   14:58

Tgt Ion:330 Resp: 396463

Ion	Ratio	Lower	Upper
330	100		
332	92.7	74.7	112.1
141	19.5	14.3	21.5



Instrument :
BNA_F
ClientSampleId :
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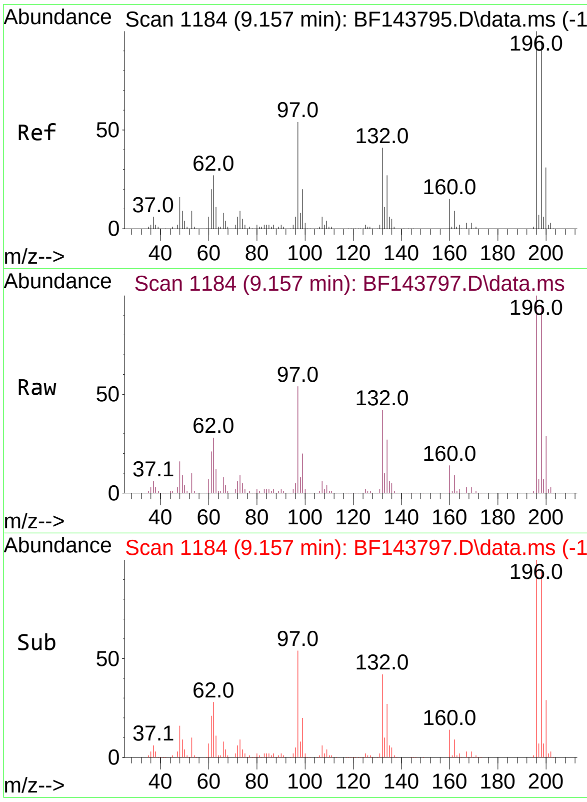
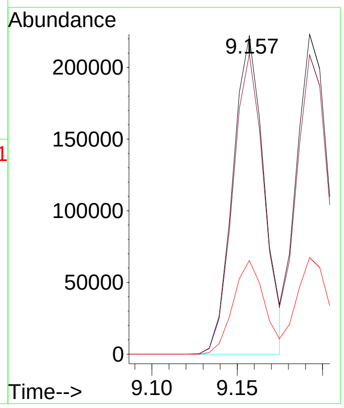
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

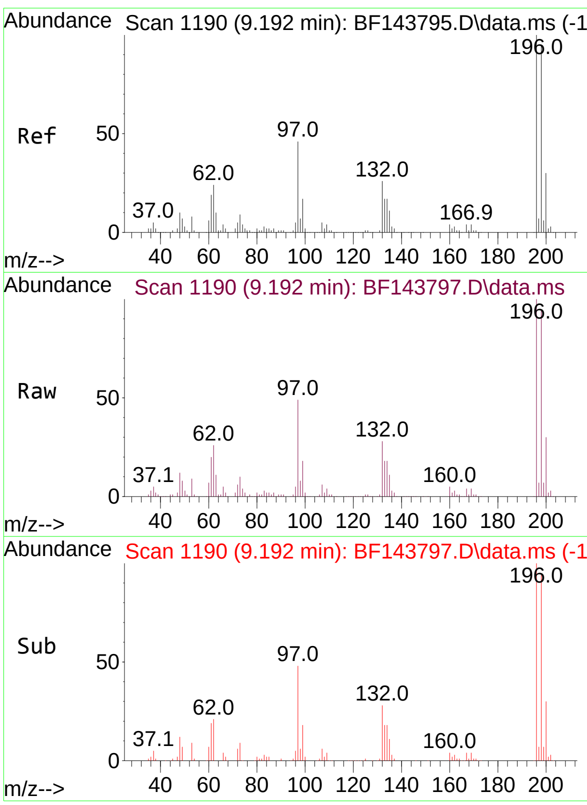


#43
2,4,6-Trichlorophenol
Concen: 62.219 ng
RT: 9.157 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion:196 Resp: 28283

Ion	Ratio	Lower	Upper
196	100		
198	94.3	76.2	114.2
200	29.4	24.7	37.1

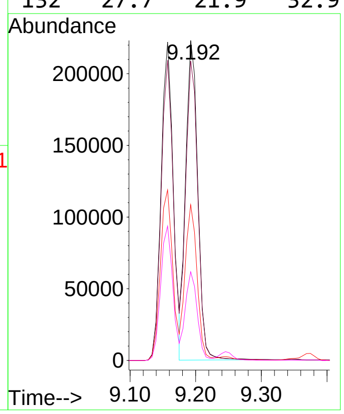




#44
2,4,5-Trichlorophenol
Concen: 60.982 ng
RT: 9.192 min Scan# 1190
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion:196 Resp: 289963

Ion	Ratio	Lower	Upper
196	100		
198	93.6	75.9	113.9
97	48.6	38.3	57.5
132	27.7	21.9	32.9



Instrument :
BNA_F
ClientSampleId :
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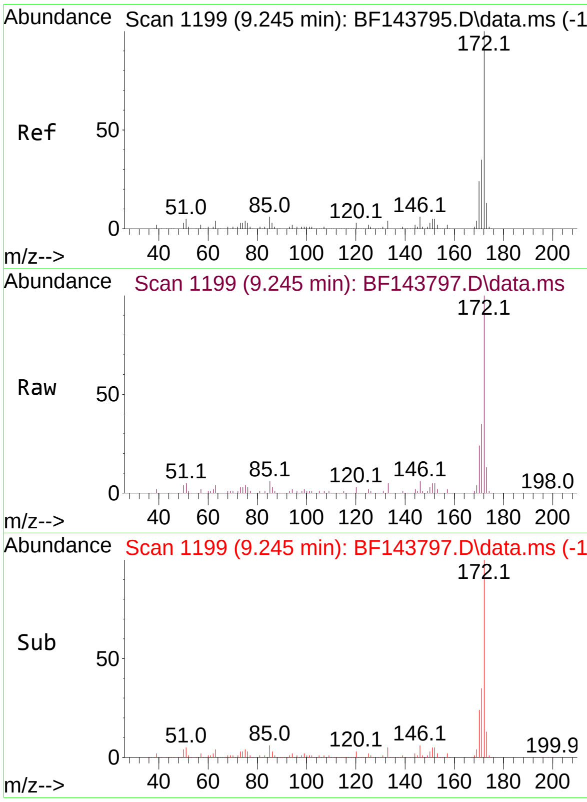
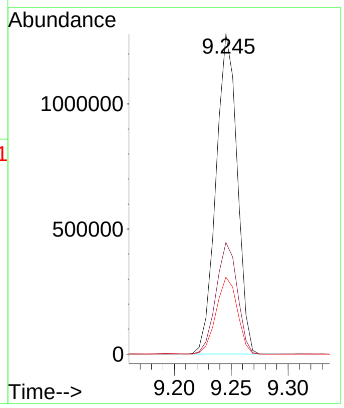
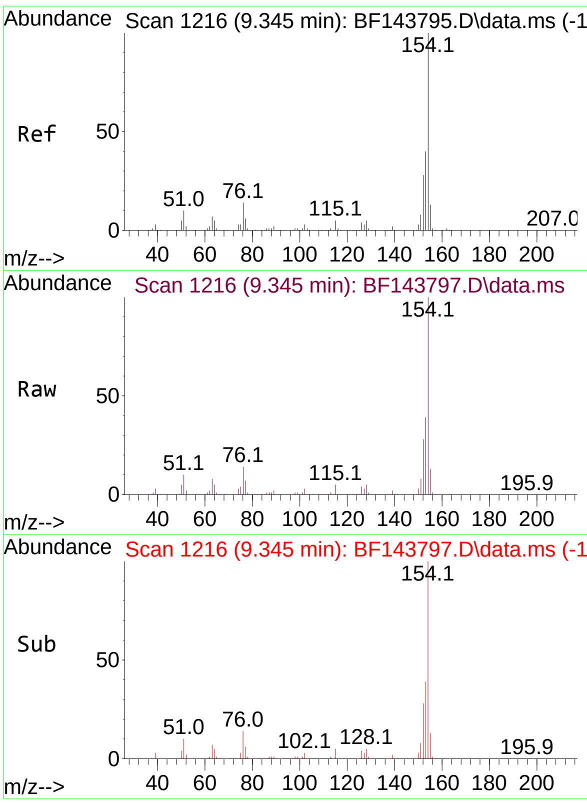


#45
2-Fluorobiphenyl
Concen: 102.249 ng
RT: 9.245 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion:172 Resp: 166450

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.9	41.9
170	24.0	19.1	28.7

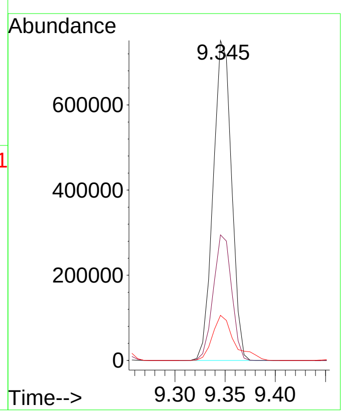




#46
1,1'-Biphenyl
Concen: 54.963 ng
RT: 9.345 min Scan# 1216
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion:154 Resp: 957109

Ion	Ratio	Lower	Upper
154	100		
153	39.2	19.7	59.7
76	14.1	0.0	33.8



Instrument : BNA_F
ClientSampleId : SSTDICC060

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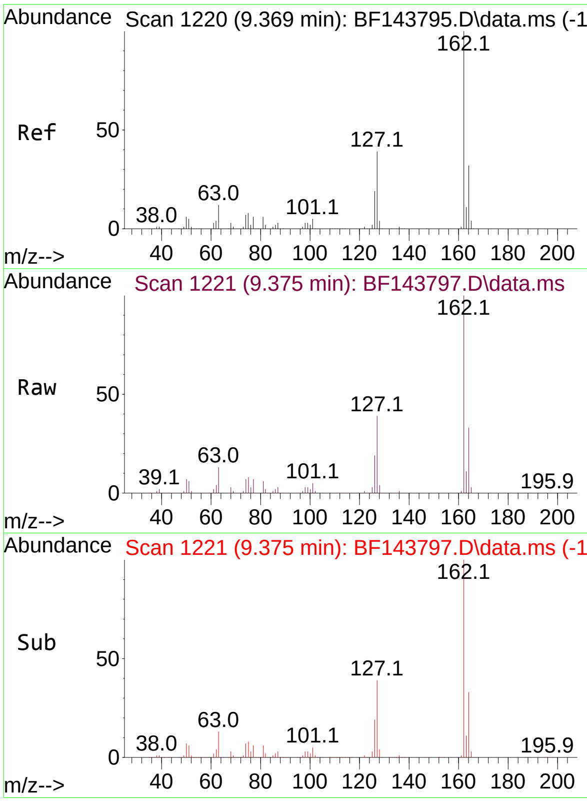
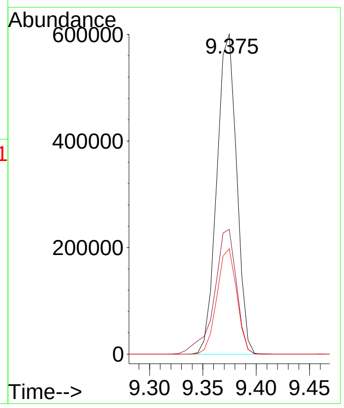
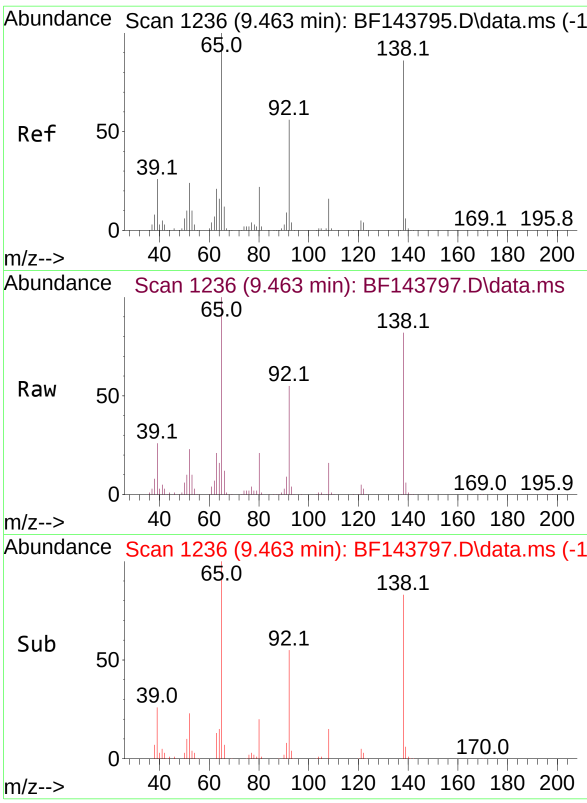


#47
2-Chloronaphthalene
Concen: 55.605 ng
RT: 9.375 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion:162 Resp: 779426

Ion	Ratio	Lower	Upper
162	100		
127	39.0	31.5	47.3
164	32.9	25.9	38.9

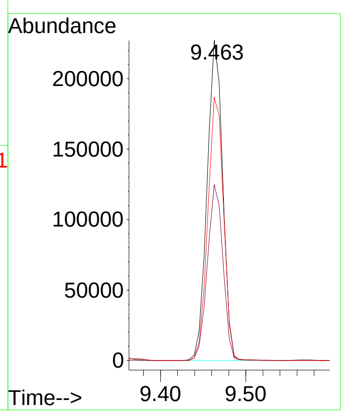


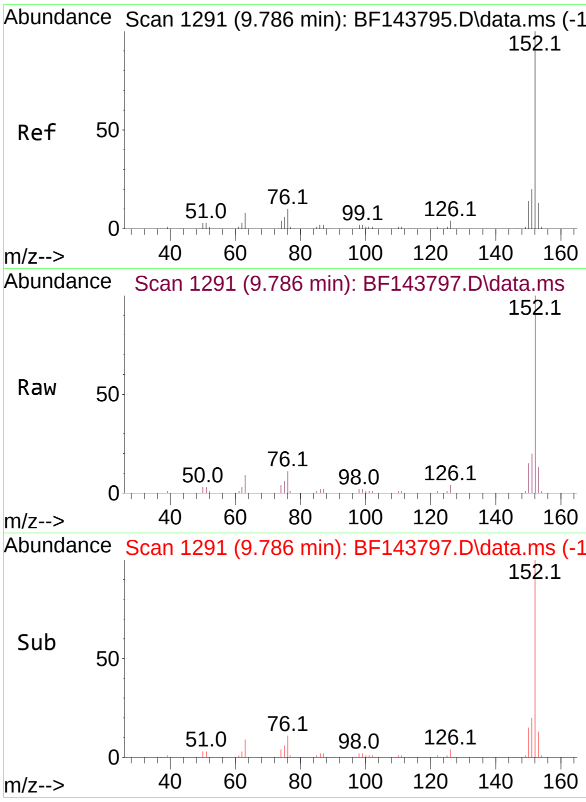


#48
2-Nitroaniline
Concen: 68.075 ng
RT: 9.463 min Scan# 1236
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion: 65 Resp: 288403

Ion	Ratio	Lower	Upper
65	100		
92	54.8	44.9	67.3
138	82.1	69.0	103.4





#49
Acenaphthylene
Concen: 56.581 ng
RT: 9.786 min   Scan# 1
Delta R.T.   0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025   14:58

Tgt Ion:152 Resp: 109183

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.7	23.5
153	13.3	10.6	15.8

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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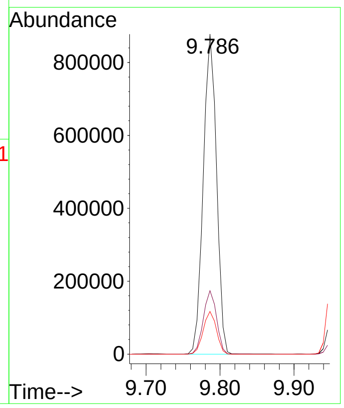
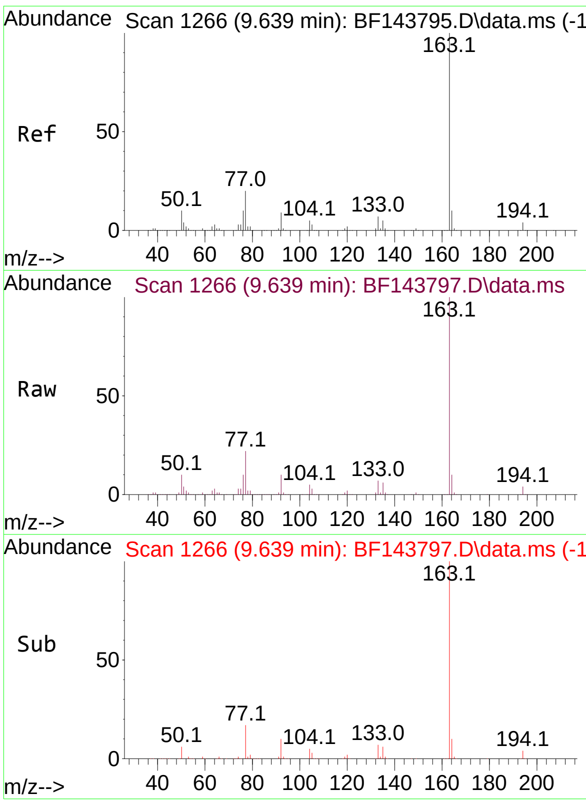
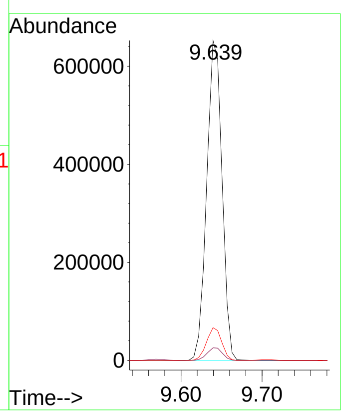


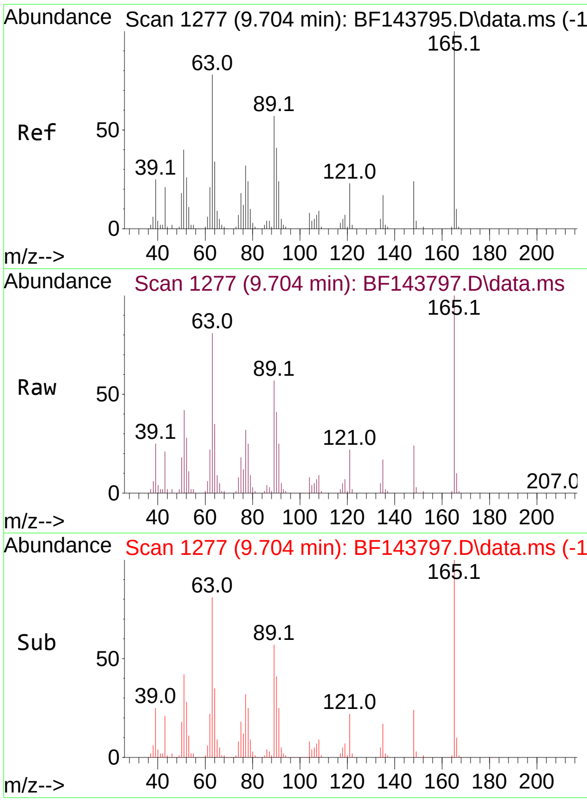


#50
Dimethylphthalate
Concen: 58.627 ng
RT: 9.639 min   Scan# 1266
Delta R.T.   0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025   14:58

Tgt Ion:163 Resp: 859613

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.6
164	10.2	8.2	12.2

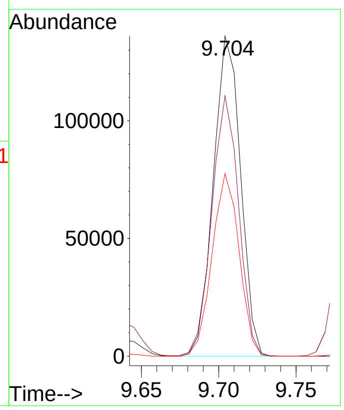




#51
2,6-Dinitrotoluene
Concen: 69.313 ng
RT: 9.704 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion:165 Resp: 16697

Ion	Ratio	Lower	Upper
165	100		
63	81.3	62.6	94.0
89	57.1	45.2	67.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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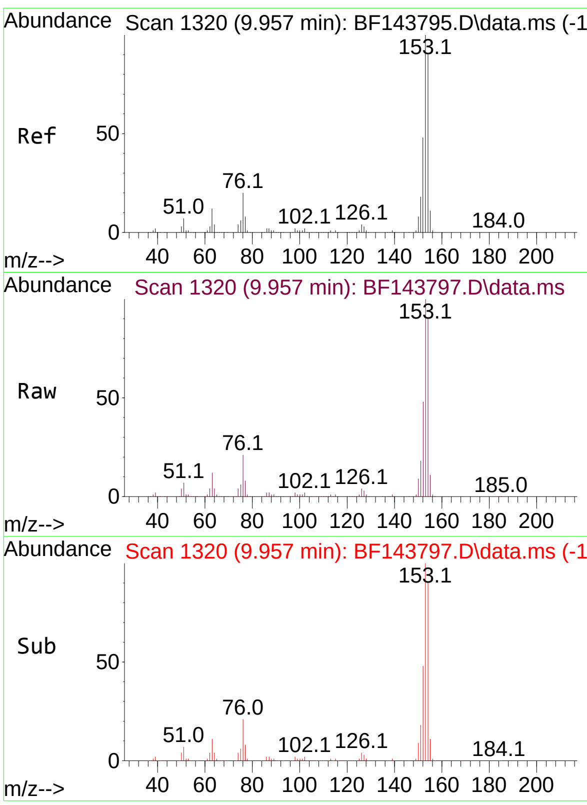
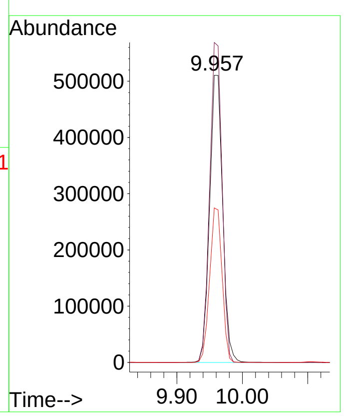
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18



#52
Acenaphthene
Concen: 55.494 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion:154 Resp: 704698

Ion	Ratio	Lower	Upper
154	100		
153	111.5	88.7	133.1
152	53.8	42.7	64.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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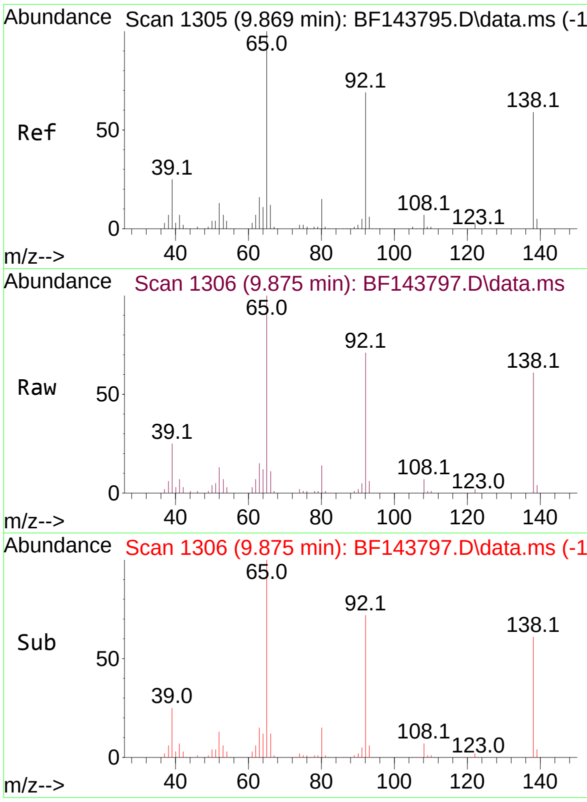
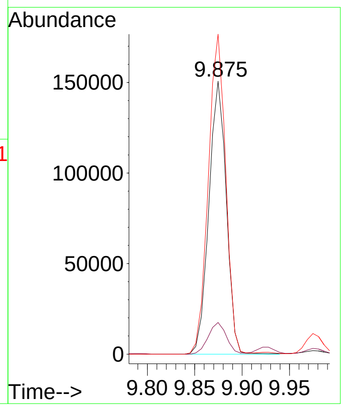
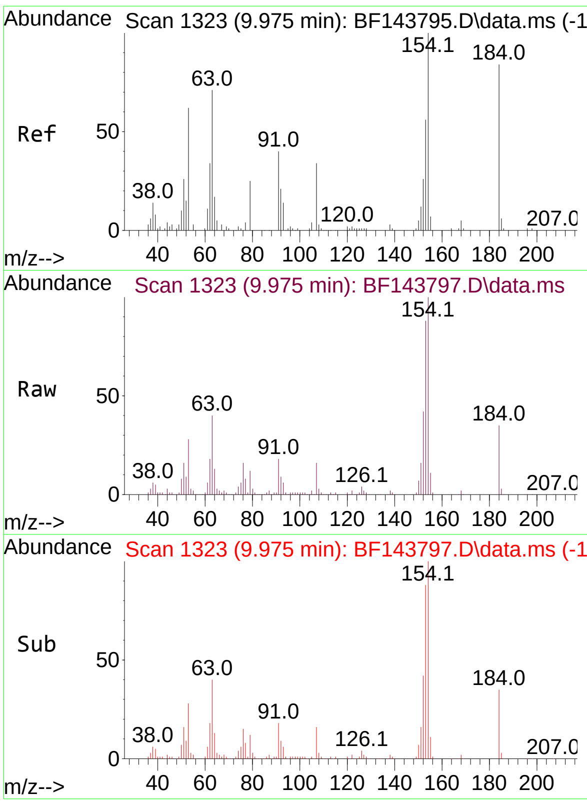


#53
3-Nitroaniline
Concen: 65.960 ng
RT: 9.875 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion:138 Resp: 19260

Ion	Ratio	Lower	Upper
138	100		
108	11.6	9.9	14.9
92	117.3	93.5	140.3

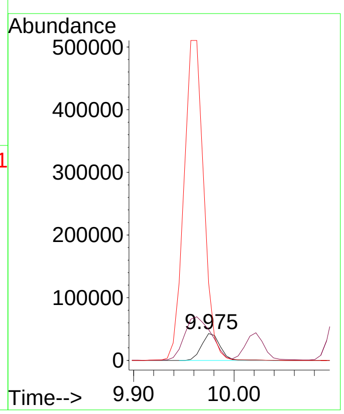




#54
2,4-Dinitrophenol
Concen: 61.464 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion:184 Resp: 54678

Ion	Ratio	Lower	Upper
184	100		
63	114.9	84.6	127.0
154	288.7	199.3	298.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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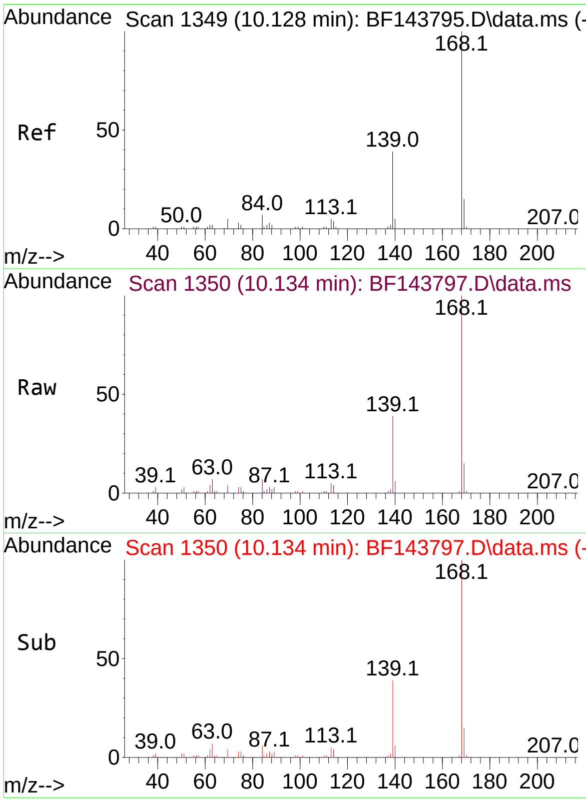
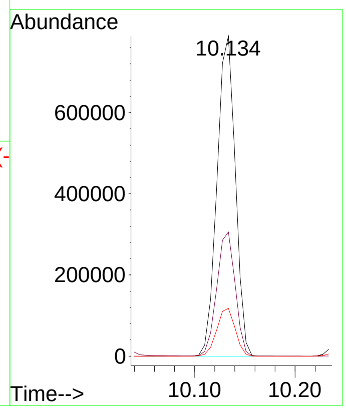
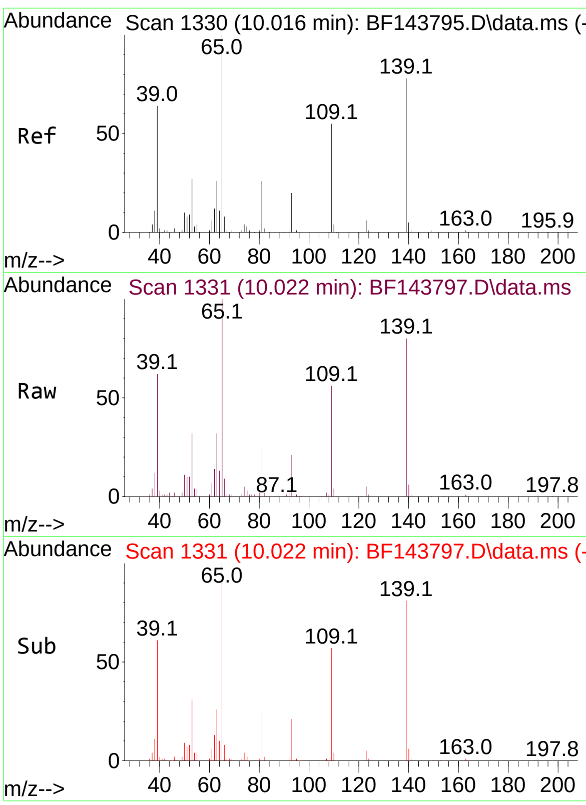


#55
Dibenzofuran
Concen: 55.941 ng
RT: 10.134 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion:168 Resp: 100452

Ion	Ratio	Lower	Upper
168	100		
139	38.8	31.0	46.6
169	14.9	11.9	17.9

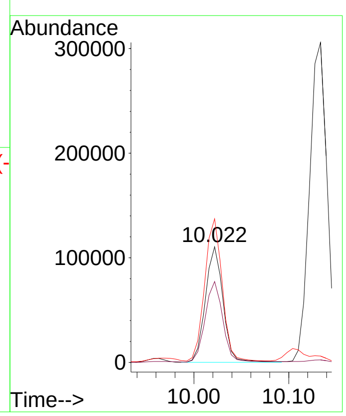




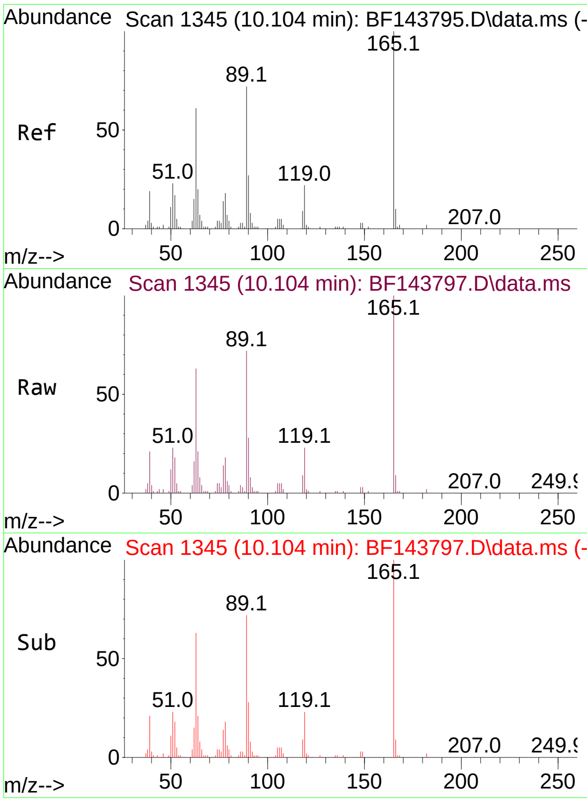
#56
4-Nitrophenol
Concen: 60.557 ng
RT: 10.022 min Scan# 1331
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion:139 Resp: 142495

Ion	Ratio	Lower	Upper
139	100		
109	69.9	50.2	90.2
65	124.2	109.2	149.2



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18



#57
2,4-Dinitrotoluene
Concen: 61.297 ng
RT: 10.104 min Scan# 13
Delta R.T. -0.006 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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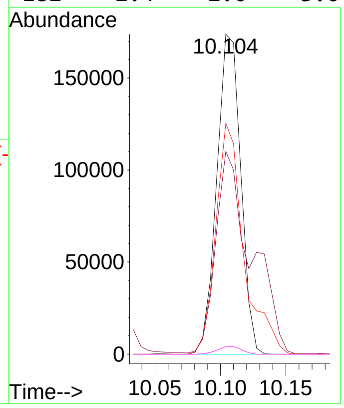
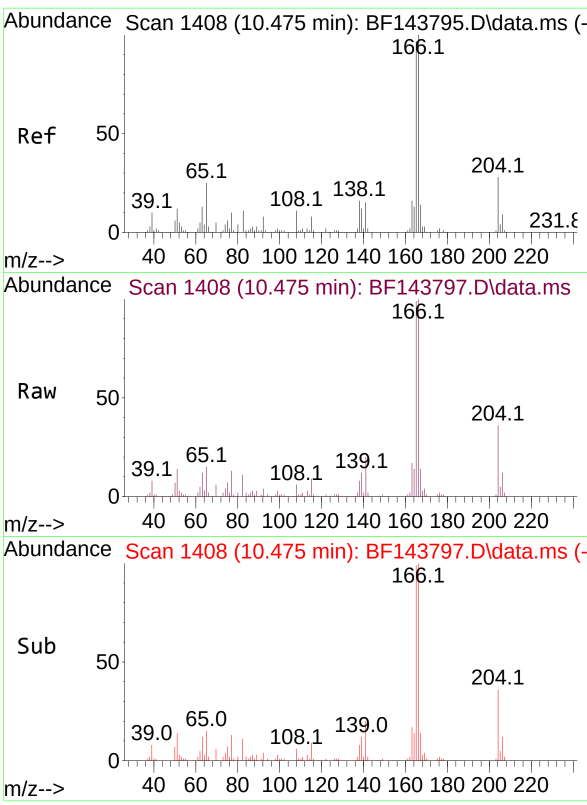
Tgt Ion:165 Resp: 22226

Ion	Ratio	Lower	Upper
165	100		
63	63.4	48.9	73.3
89	72.1	57.5	86.3
182	2.4	2.0	3.0

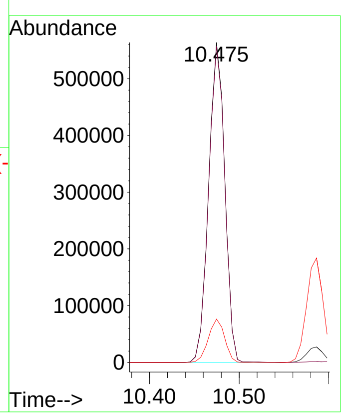




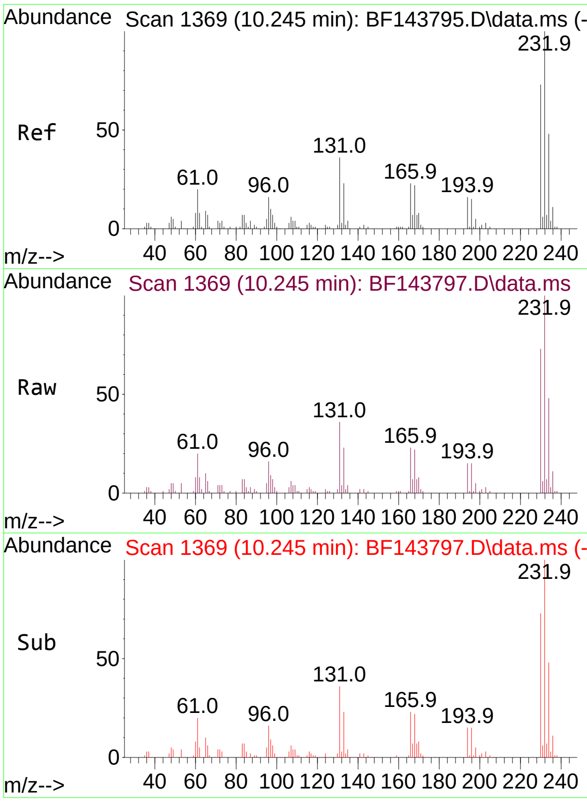
#58
Fluorene
Concen: 53.330 ng
RT: 10.475 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion:166 Resp: 711929

Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.0	117.0
167	13.5	10.9	16.3



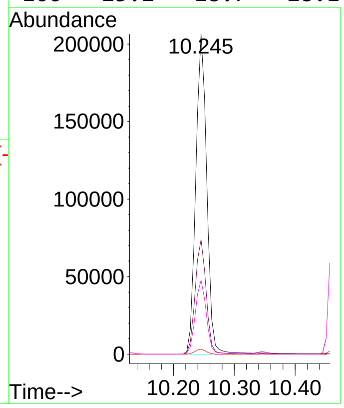
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18



#59
2,3,4,6-Tetrachlorophenol
Concen: 63.904 ng
RT: 10.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion:232 Resp: 26030

Ion	Ratio	Lower	Upper
232	100		
131	35.6	29.4	44.2
130	1.5	1.3	1.9
166	23.2	18.7	28.1



Instrument :
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ClientSampleId :
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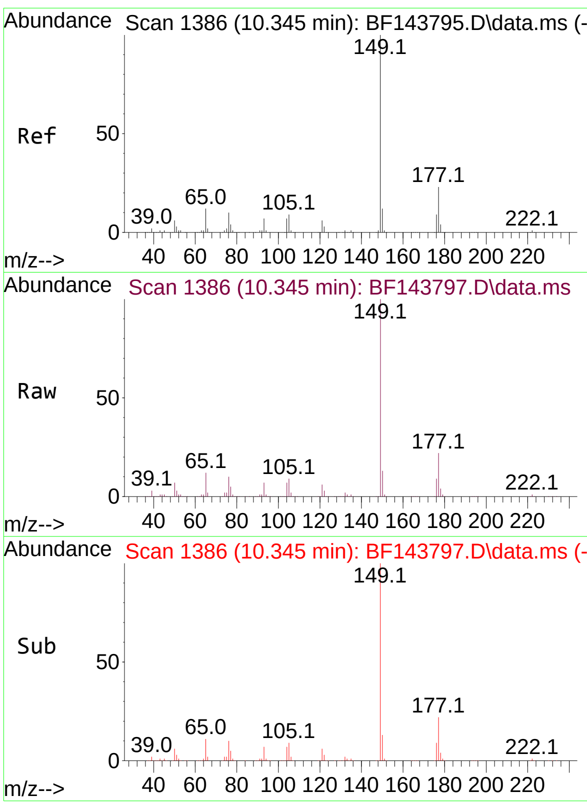
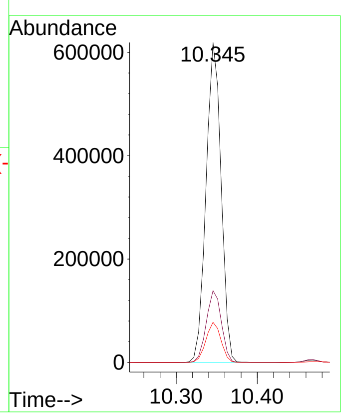


#60
Diethylphthalate
Concen: 58.305 ng
RT: 10.345 min Scan# 1386
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion:149 Resp: 800261

Ion	Ratio	Lower	Upper
149	100		
177	22.4	18.1	27.1
150	12.5	9.7	14.5



Instrument :
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ClientSampleId :
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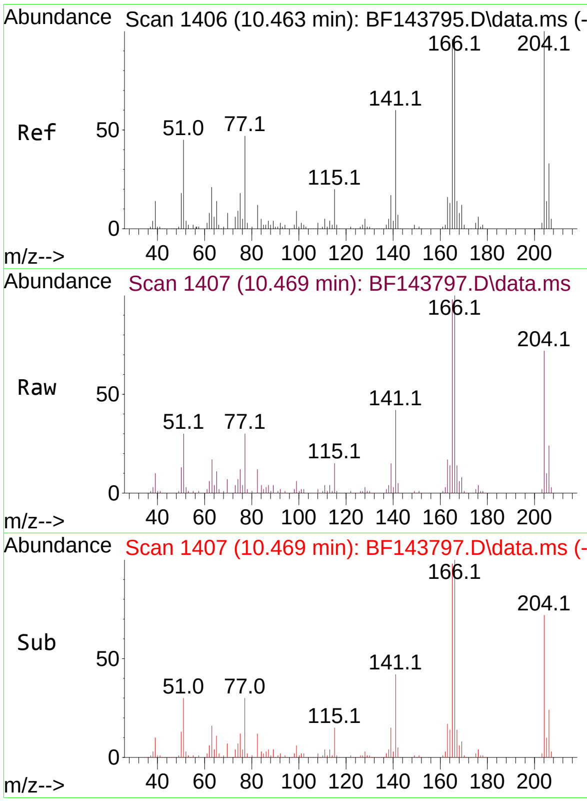
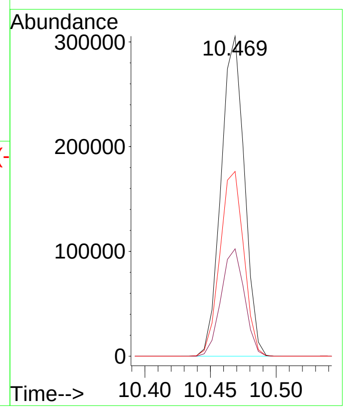
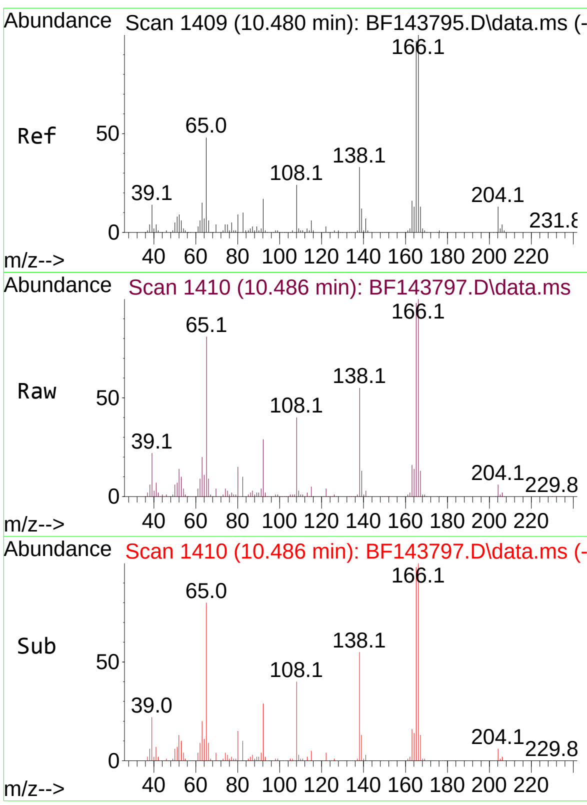


#61
4-Chlorophenyl-phenylether
Concen: 55.593 ng
RT: 10.469 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion:204 Resp: 378141

Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.7	40.1
141	57.7	48.2	72.2

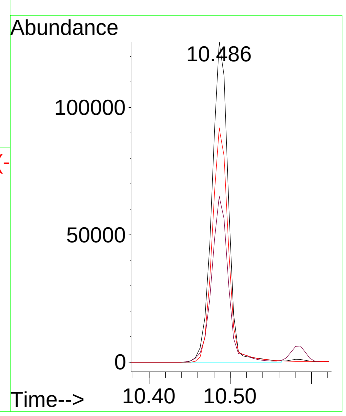




#62
4-Nitroaniline
Concen: 63.907 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion:138 Resp: 175465

Ion	Ratio	Lower	Upper
138	100		
92	51.8	31.5	71.5
108	73.1	51.9	91.9



Instrument :
BNA_F
ClientSampleId :
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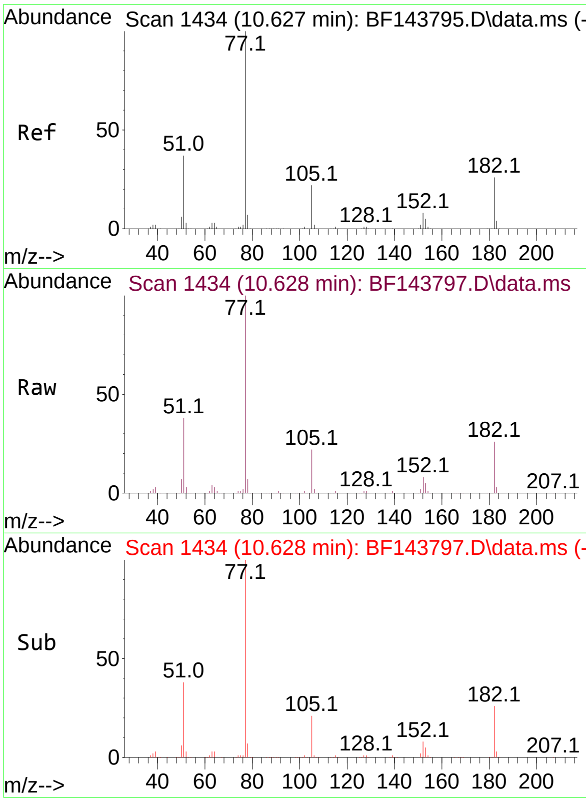
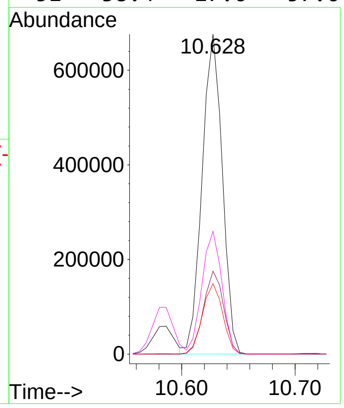
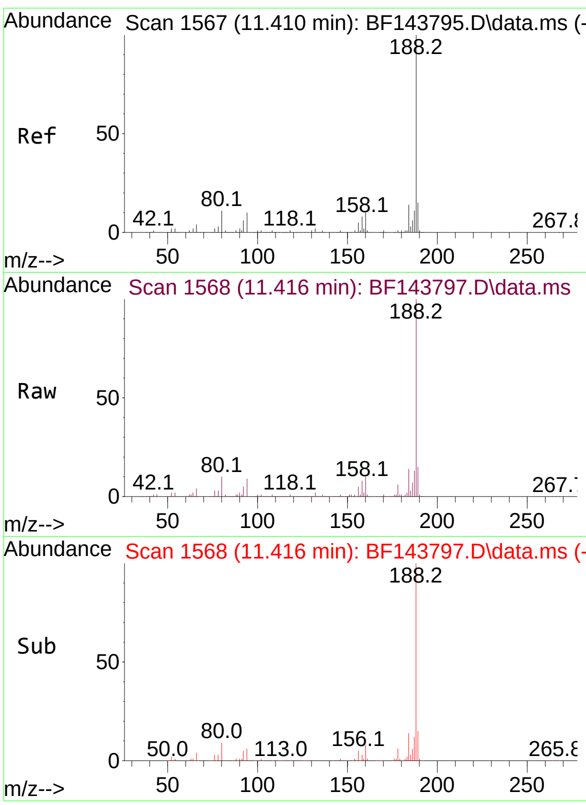



```
#63
Azobenzene
Concen:   58.022 ng
RT:  10.628 min  Scan# 14
Delta R.T.  0.000 min
Lab File:   BF143797.D
Acq: 23 Sep 2025  14:58

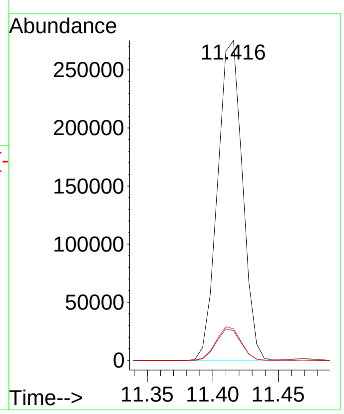
Tgt Ion: 77 Resp:  839301
Ion  Ratio  Lower  Upper
 77  100
182   25.9    5.9   45.9
105   22.0    2.3   42.3
 51   38.4   17.6   57.6
```

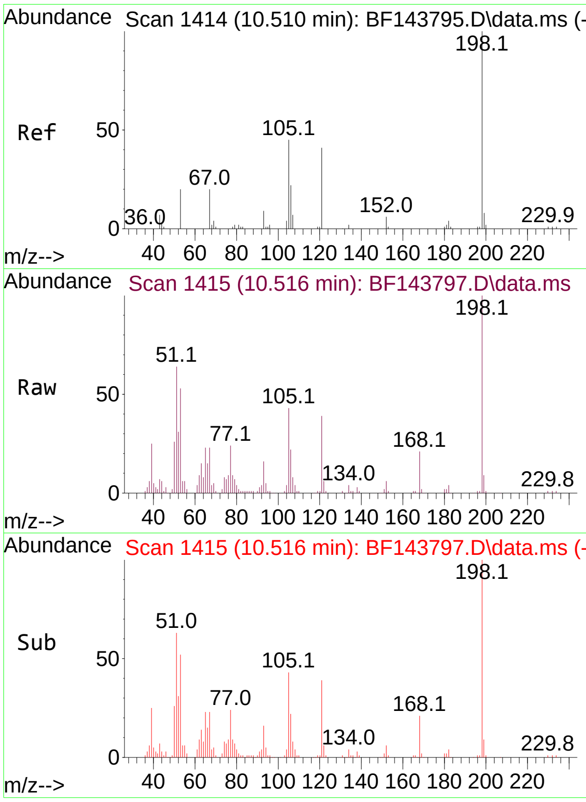





```
#64
Phenanthrene-d10
Concen:   20.000 ng
RT:  11.416 min  Scan# 1568
Delta R.T.  -0.000 min
Lab File:   BF143797.D
Acq: 23 Sep 2025  14:58

Tgt Ion:188 Resp:  364411
Ion  Ratio  Lower  Upper
188  100
 94    9.3    8.2   12.2
 80    9.9    8.6   12.8
```





#65
4,6-Dinitro-2-methylphenol
Concen: 62.624 ng
RT: 10.516 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion:198 Resp: 90861

Ion	Ratio	Lower	Upper
198	100		
51	63.9	52.0	92.0
105	42.8	27.5	67.5

Instrument :
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ClientSampleId :
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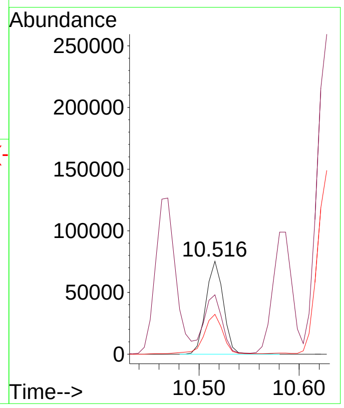
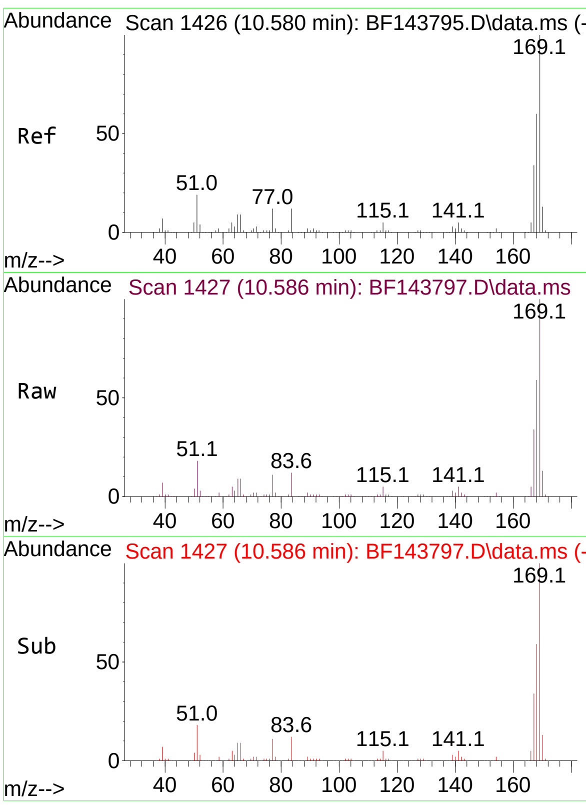


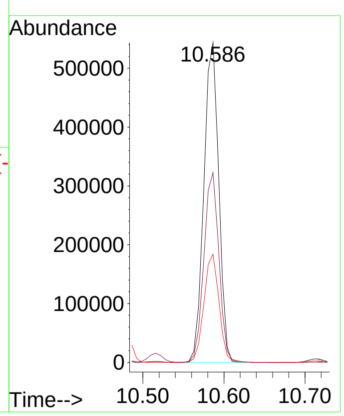
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

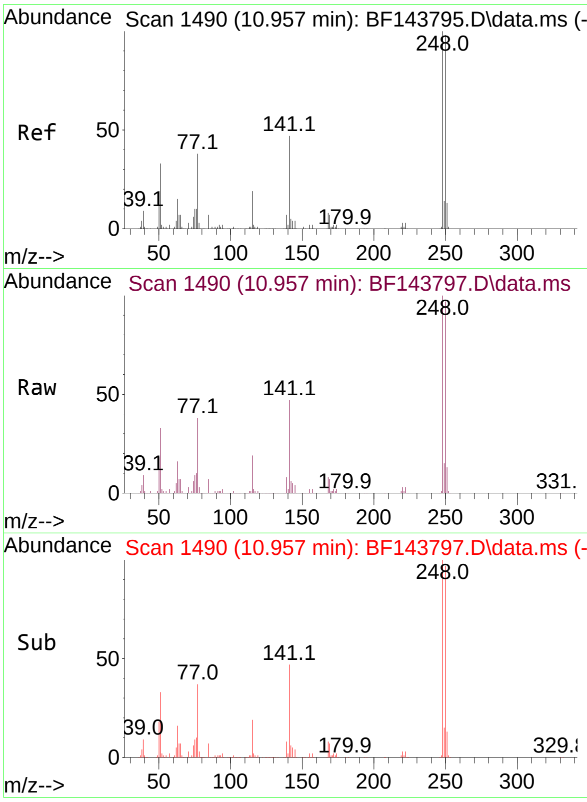


#66
n-Nitrosodiphenylamine
Concen: 58.067 ng
RT: 10.586 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion:169 Resp: 695896

Ion	Ratio	Lower	Upper
169	100		
168	59.3	47.9	71.9
167	33.8	27.0	40.6

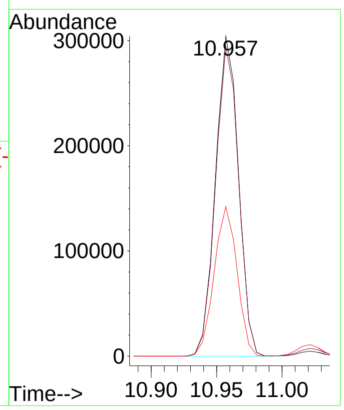




#67
4-Bromophenyl-phenylether
Concen: 60.132 ng
RT: 10.957 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion:248 Resp: 37343

Ion	Ratio	Lower	Upper
248	100		
250	96.8	78.7	118.1
141	46.7	37.9	56.9



Instrument :
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ClientSampleId :
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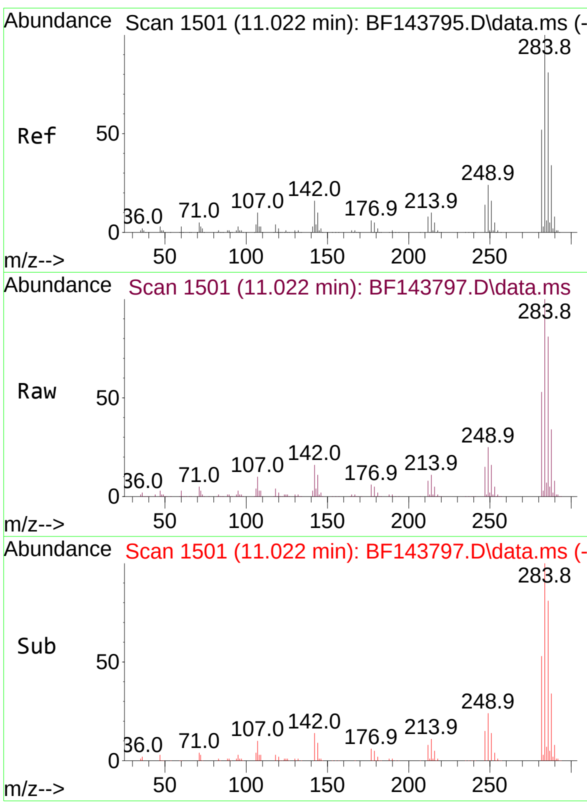
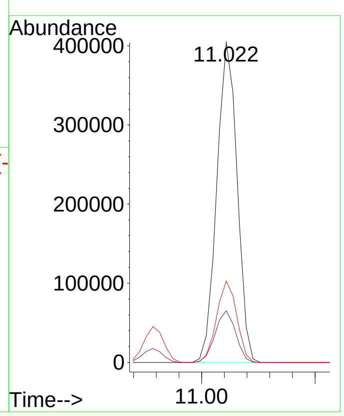
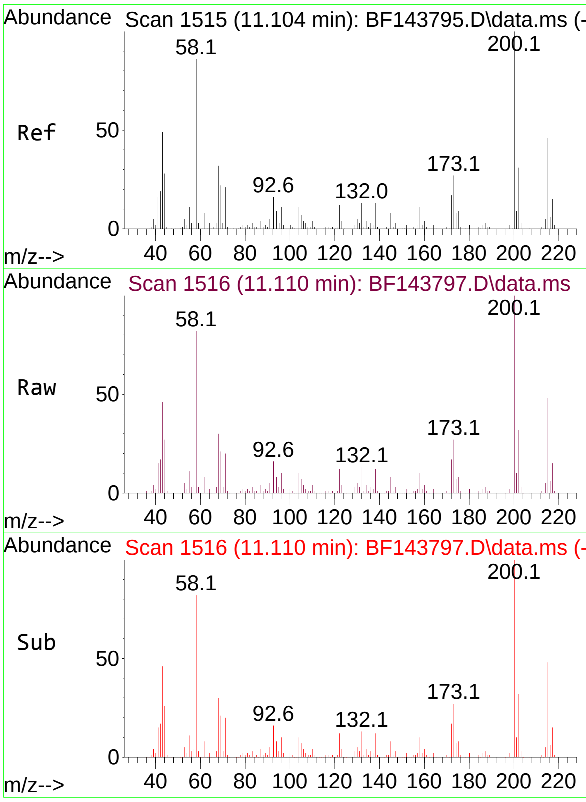


#68
Hexachlorobenzene
Concen: 58.941 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion:284 Resp: 504432

Ion	Ratio	Lower	Upper
284	100		
142	16.2	13.1	19.7
249	25.4	19.5	29.3

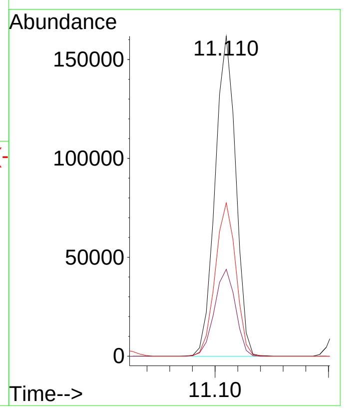




#69
Atrazine
Concen: 58.963 ng
RT: 11.110 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion:200 Resp: 204628

Ion	Ratio	Lower	Upper
200	100		
173	27.2	7.2	47.2
215	47.9	26.0	66.0



Instrument :
BNA_F
ClientSampleId :
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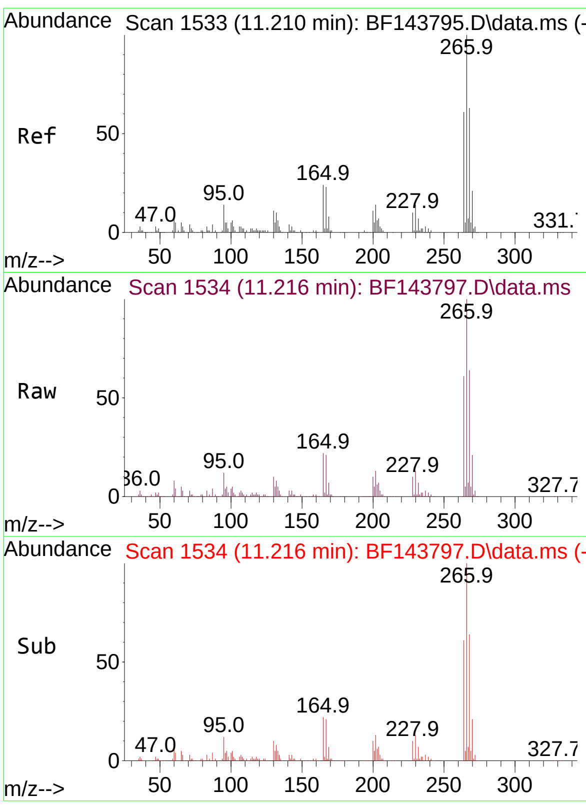
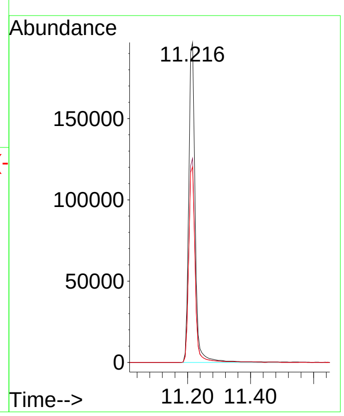


#70
Pentachlorophenol
Concen: 65.133 ng
RT: 11.216 min Scan# 1534
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion:266 Resp: 277473

Ion	Ratio	Lower	Upper
266	100		
268	63.8	50.5	75.7
264	61.1	48.8	73.2



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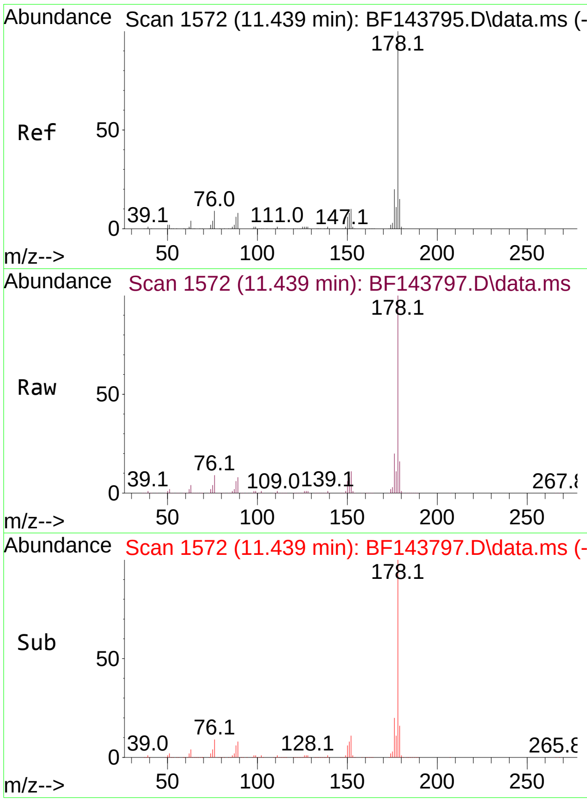
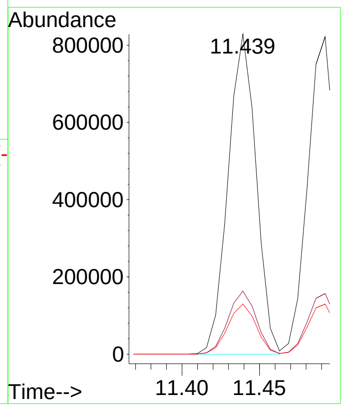


#71
Phenanthrene
Concen: 55.742 ng
RT: 11.439 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion:178 Resp: 104287

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.6	23.4
179	15.7	12.2	18.4



Instrument :
BNA_F
ClientSampleId :
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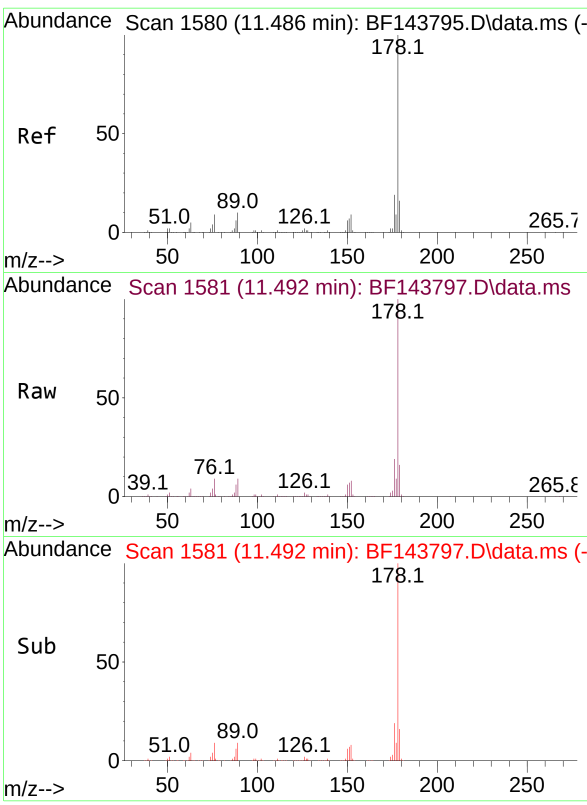
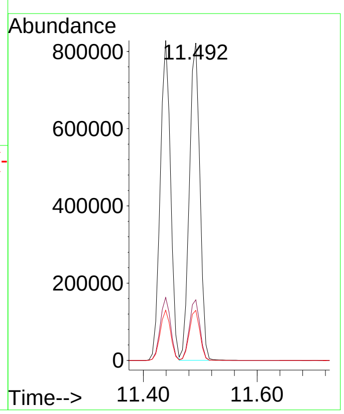


#72
Anthracene
Concen: 56.095 ng
RT: 11.492 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion:178 Resp: 1052693

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.8	12.8	19.2



Instrument :
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ClientSampleId :
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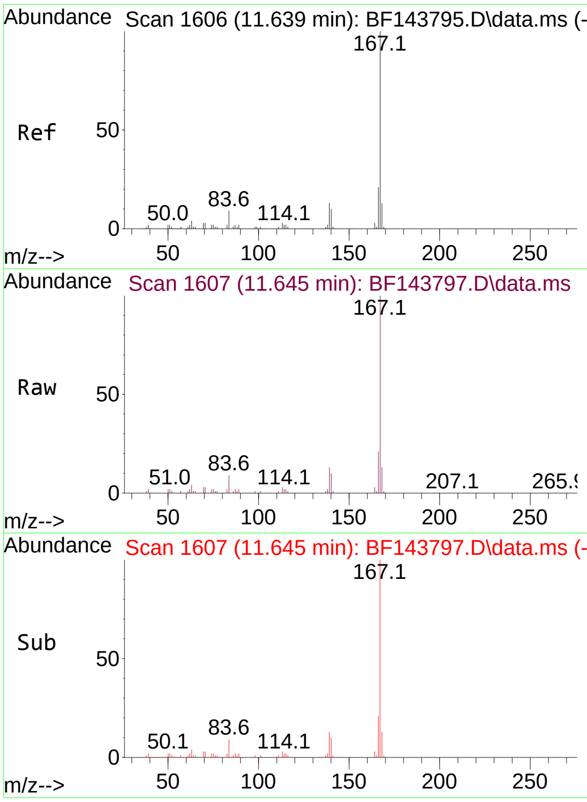
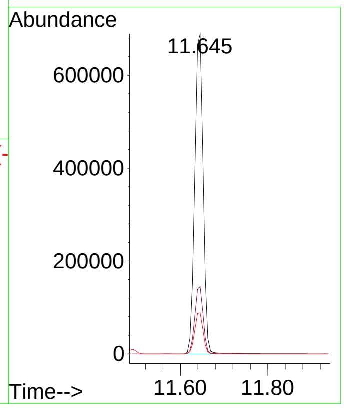
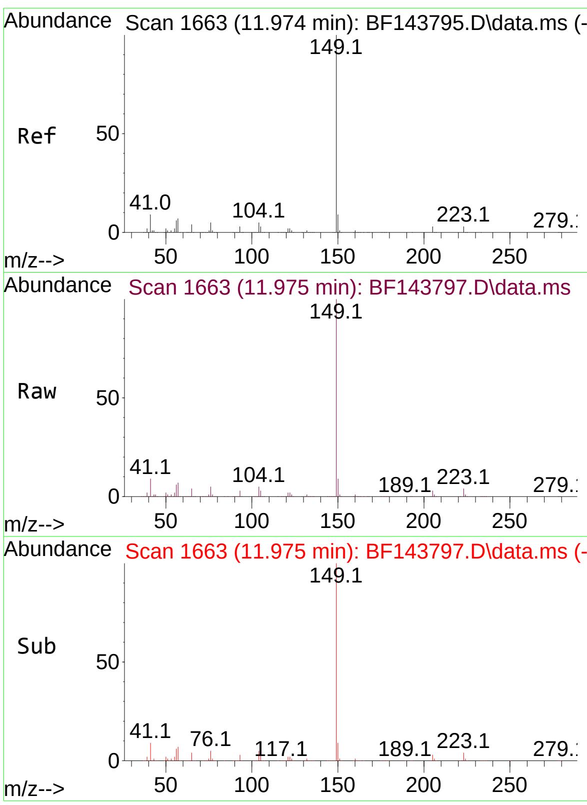


#73
Carbazole
Concen: 56.377 ng
RT: 11.645 min Scan# 16
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion:167 Resp: 925032

Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.0	25.4
139	12.8	10.6	15.8

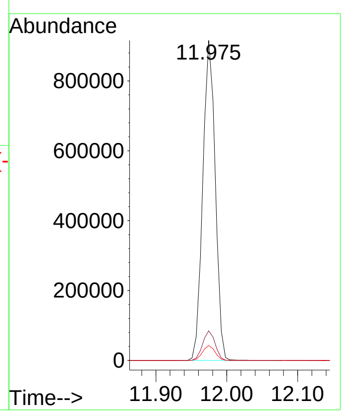


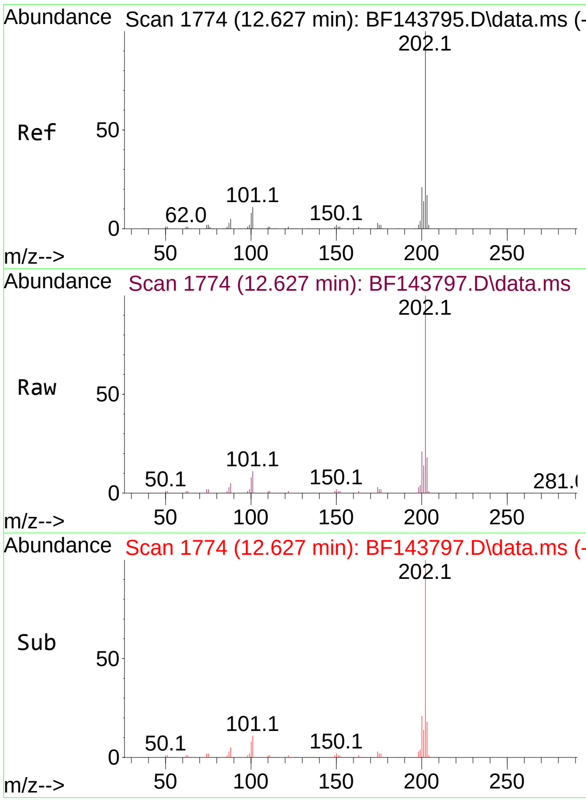


#74
Di-n-butylphthalate
Concen: 59.029 ng
RT: 11.975 min Scan# 1663
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion:149 Resp: 1113894

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.3	10.9
104	4.6	3.6	5.4

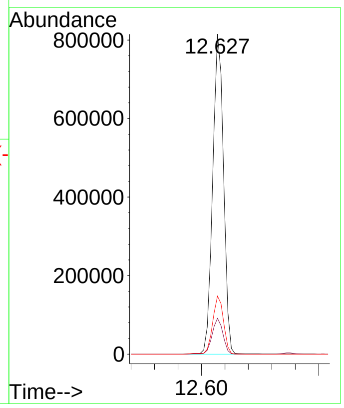




#75
Fluoranthene
Concen: 55.523 ng
RT: 12.627 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion:202 Resp: 104476

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	31.1
203	18.1	0.0	37.4



Instrument :
BNA_F
ClientSampleId :
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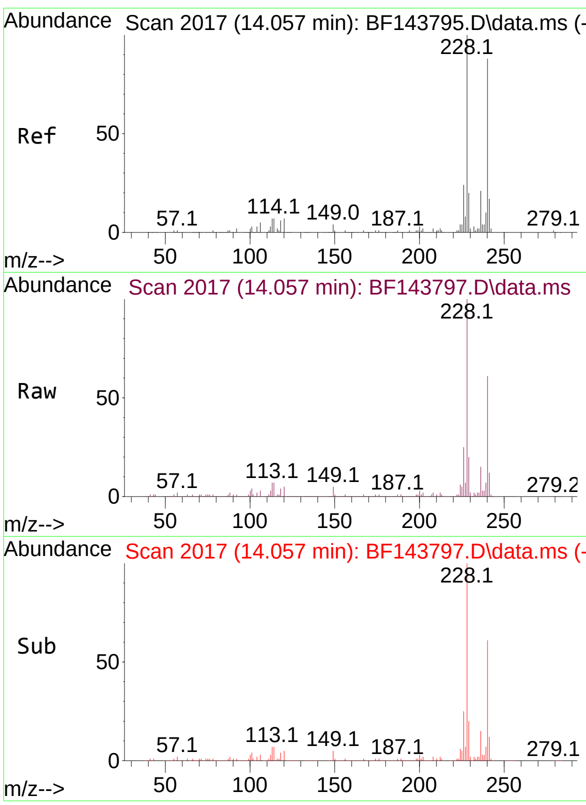
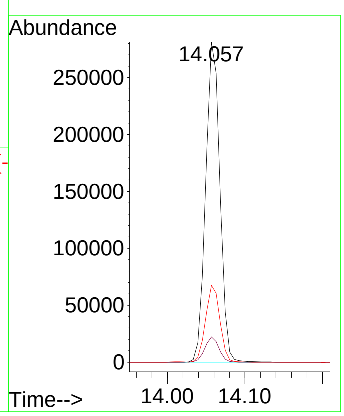


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion:240 Resp: 359318

Ion	Ratio	Lower	Upper
240	100		
120	7.9	6.2	9.4
236	24.0	19.4	29.2



Instrument : BNA_F
ClientSampleId : SSTDICC060

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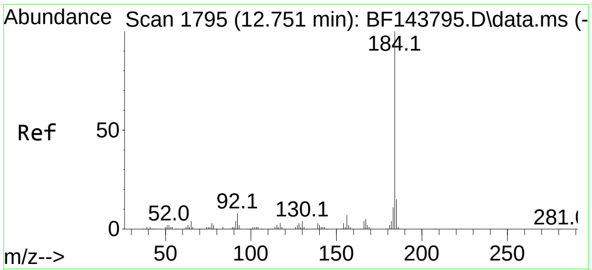
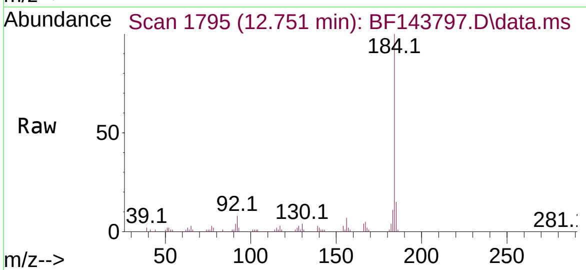
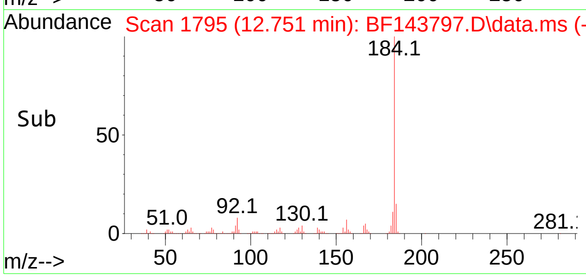
Supervised By :Jagrut Upadhyay 09/24/2025



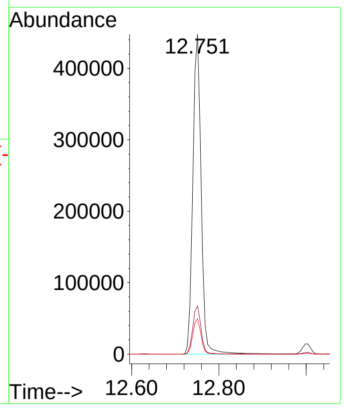


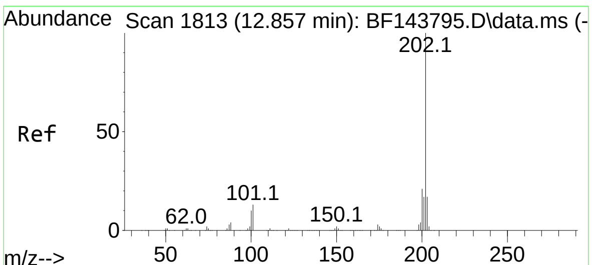


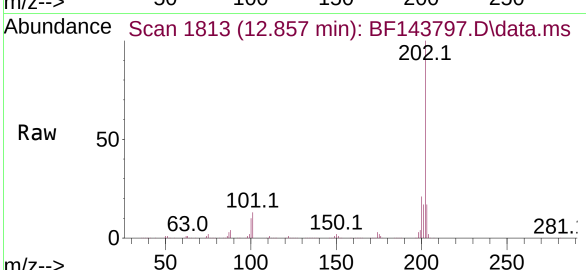
#77
Benzidine
Concen: 68.094 ng
RT: 12.751 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

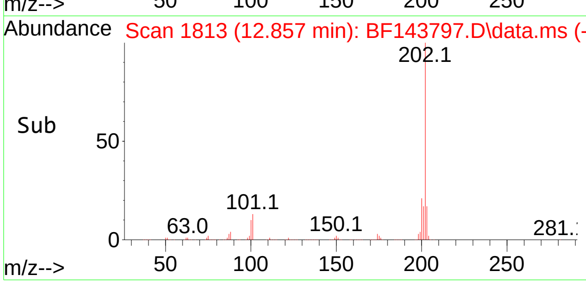
Tgt Ion:184 Resp: 59621

Ion	Ratio	Lower	Upper
184	100		
185	15.1	11.6	17.4
183	11.0	8.6	13.0





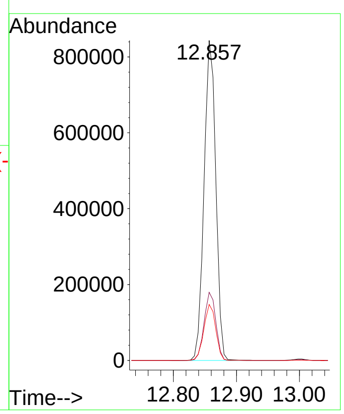


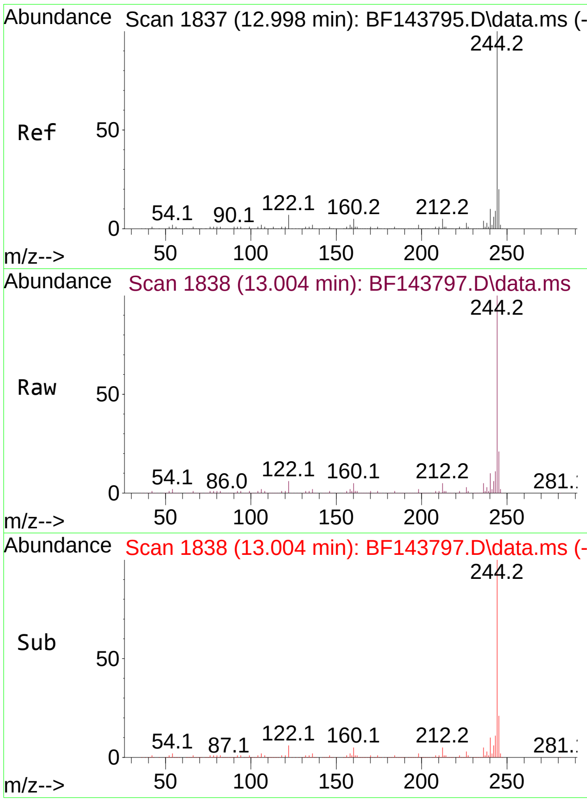


#78
Pyrene
Concen: 61.683 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion:202 Resp: 1089660

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.0	25.4
203	17.5	13.9	20.9





#79
Terphenyl-d14
Concen: 116.521 ng
RT: 13.004 min Scan# 18
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

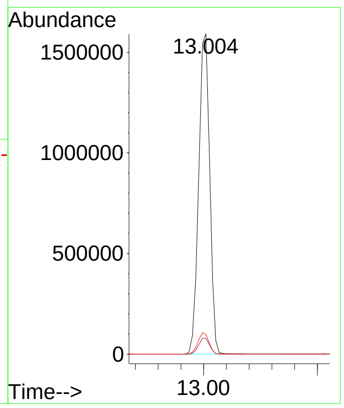
Tgt Ion:244 Resp: 2132520

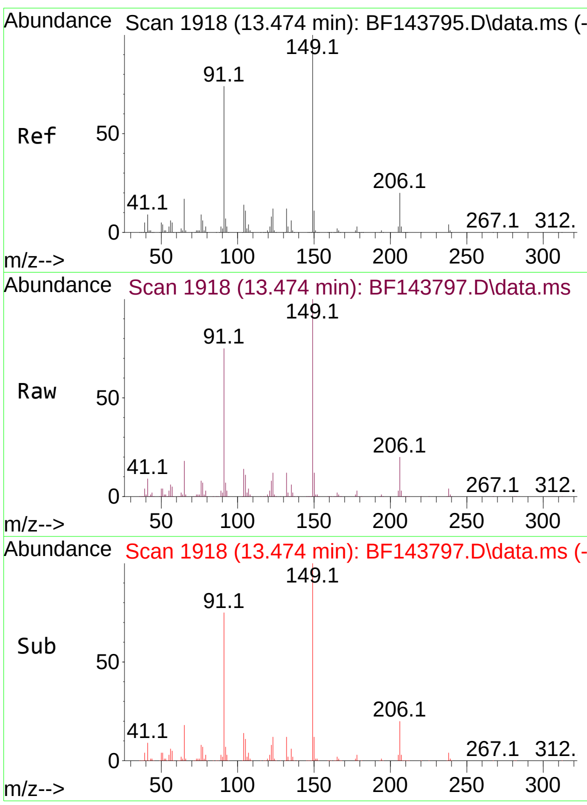
Ion	Ratio	Lower	Upper
244	100		
212	5.0	3.9	5.9
122	6.2	5.6	8.4

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

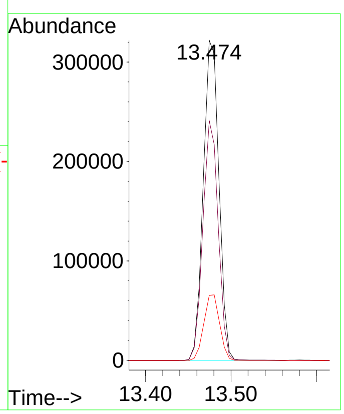


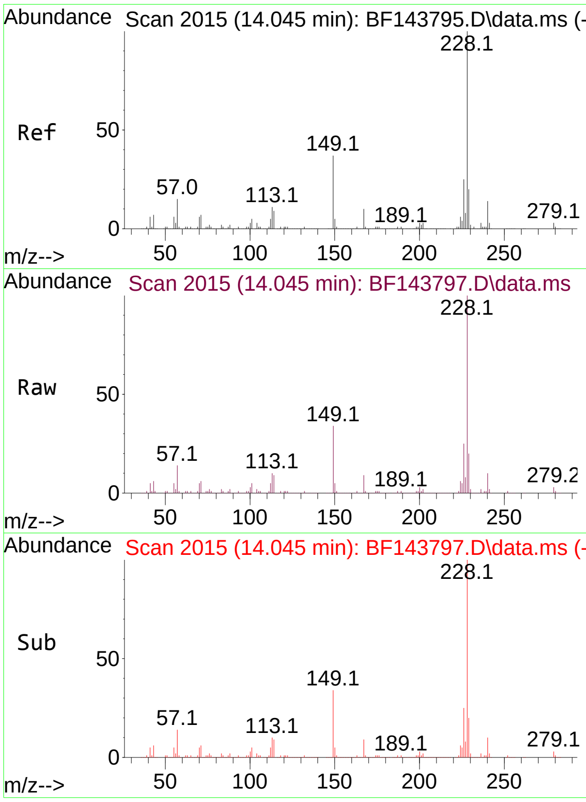


#80
Butylbenzylphthalate
Concen: 67.252 ng
RT: 13.474 min Scan# 1918
Delta R.T. -0.006 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion:149 Resp: 411027

Ion	Ratio	Lower	Upper
149	100		
91	74.8	59.5	89.3
206	20.3	16.1	24.1

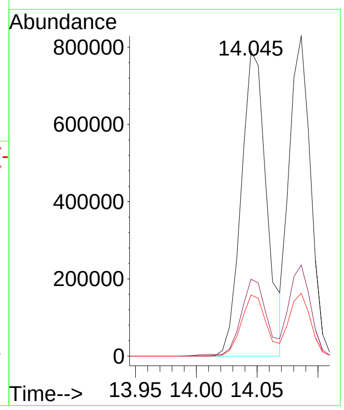




#81
Benzo(a)anthracene
Concen: 59.491 ng
RT: 14.045 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion:228 Resp: 114836

Ion	Ratio	Lower	Upper
228	100		
226	25.2	20.2	30.2
229	20.0	16.1	24.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

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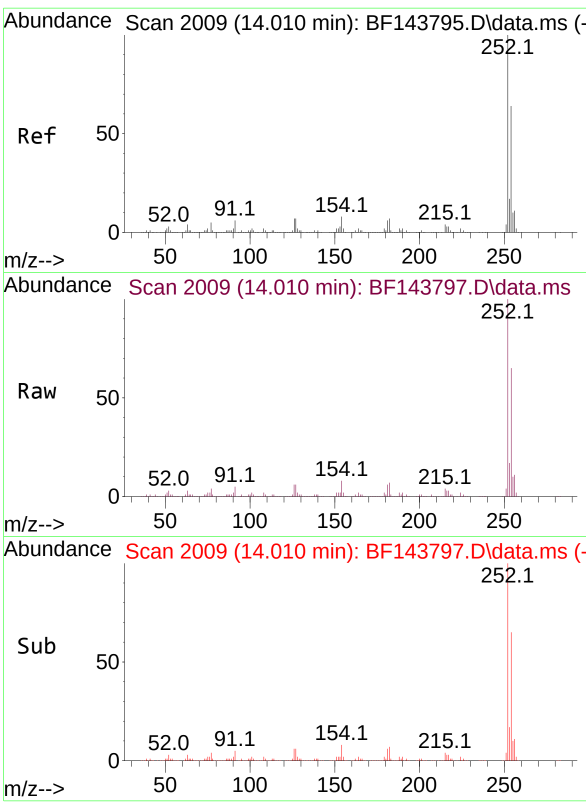
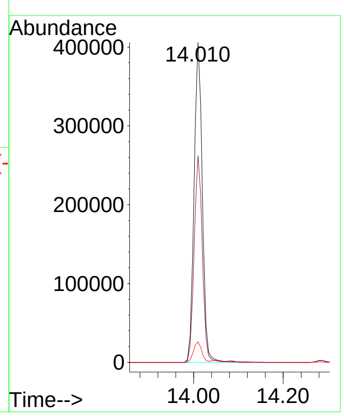
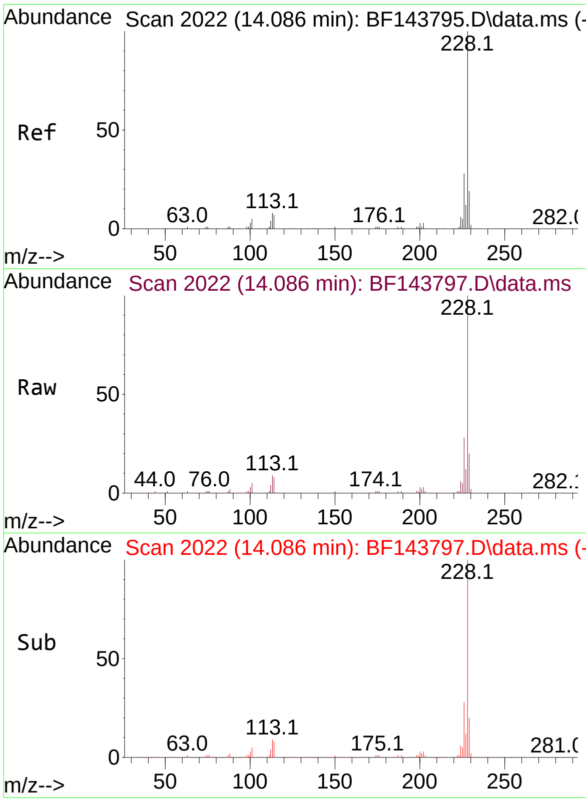


#82
3,3'-Dichlorobenzidine
Concen: 61.874 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion:252 Resp: 517428

Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.5	77.3
126	6.4	5.4	8.2





#83
Chrysene
Concen: 58.075 ng
RT: 14.086 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

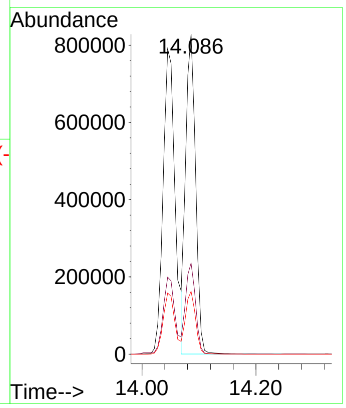
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:228 Resp: 1014385

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.6	33.8
229	19.6	15.6	23.4

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



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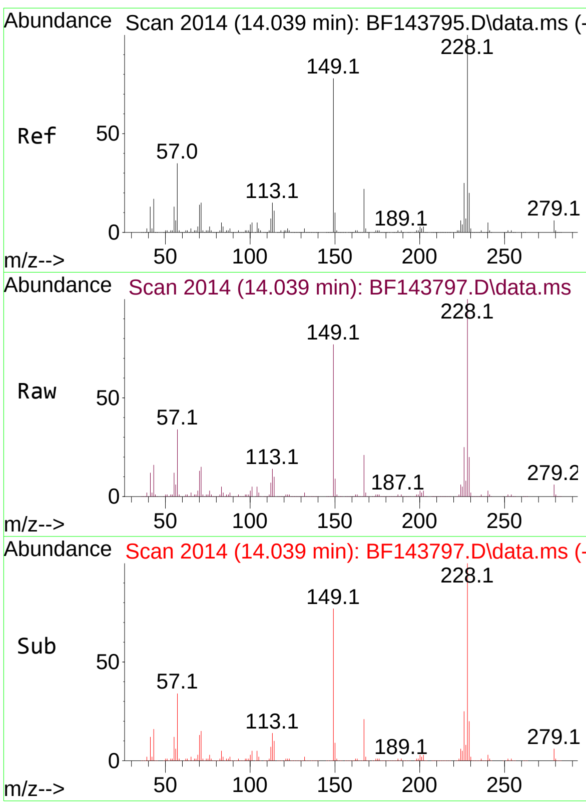
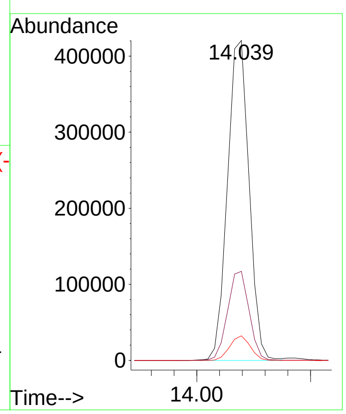
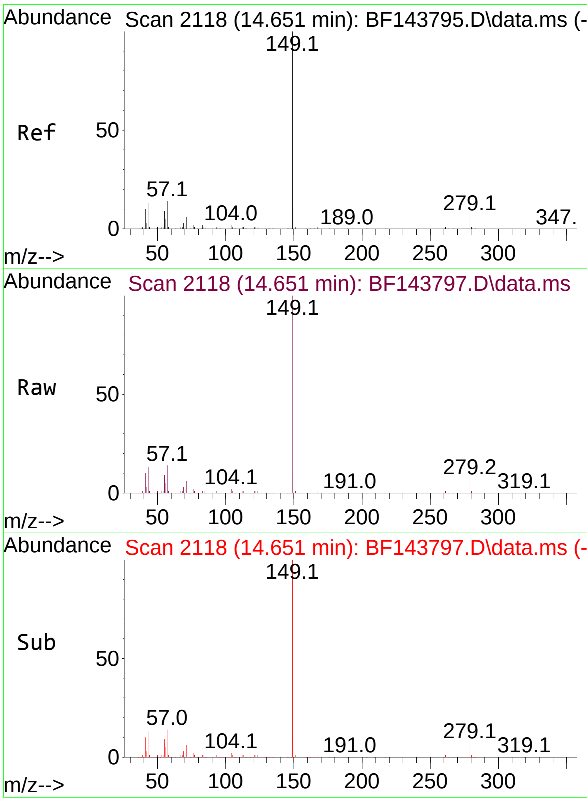


#84
Bis(2-ethylhexyl)phthalate
Concen: 62.115 ng
RT: 14.039 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion:149 Resp: 556458

Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.2	33.2
279	7.7	6.0	9.0





#85
Di-n-octyl phthalate
Concen: 62.167 ng
RT: 14.651 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion:149 Resp: 101022

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	13.0	10.7	16.1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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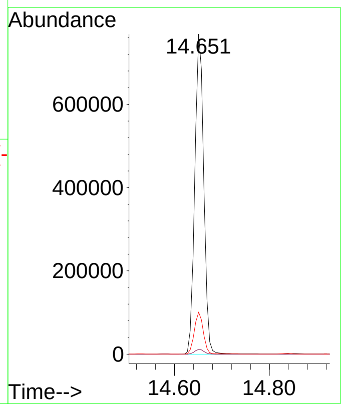
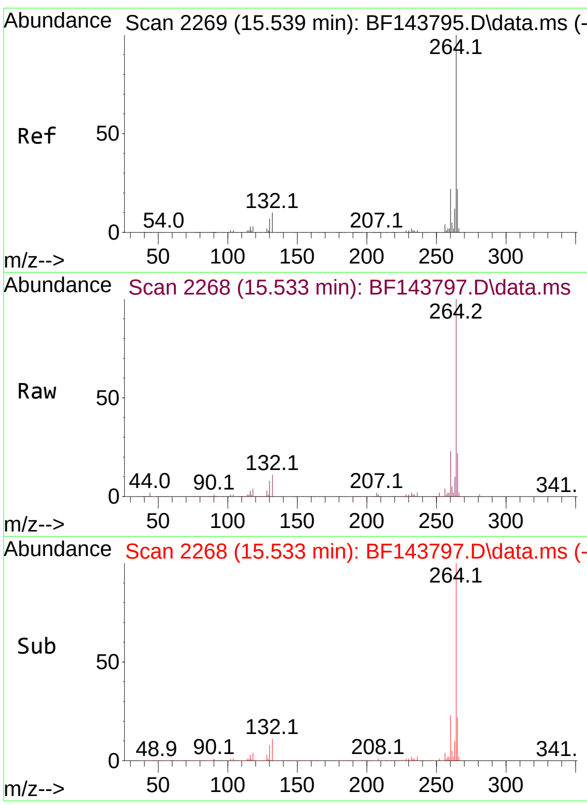
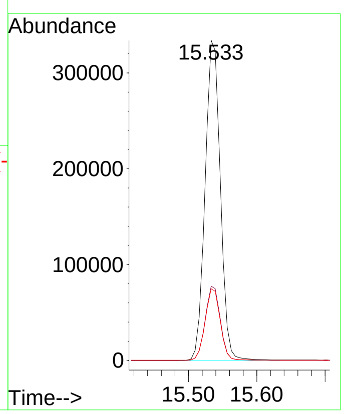


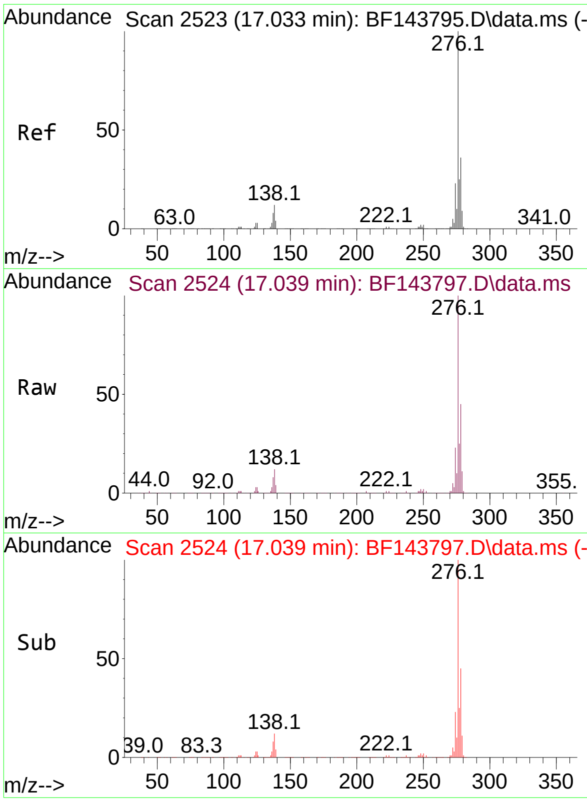


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion:264 Resp: 519571

Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.9	26.9
265	22.4	17.7	26.5

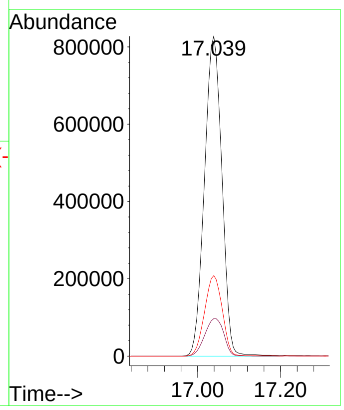




#87
Indeno(1,2,3-cd)pyrene
Concen: 61.213 ng
RT: 17.039 min Scan# 2524
Delta R.T. -0.006 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion:276 Resp: 2413125

Ion	Ratio	Lower	Upper
276	100		
138	12.8	10.6	15.8
277	25.5	20.7	31.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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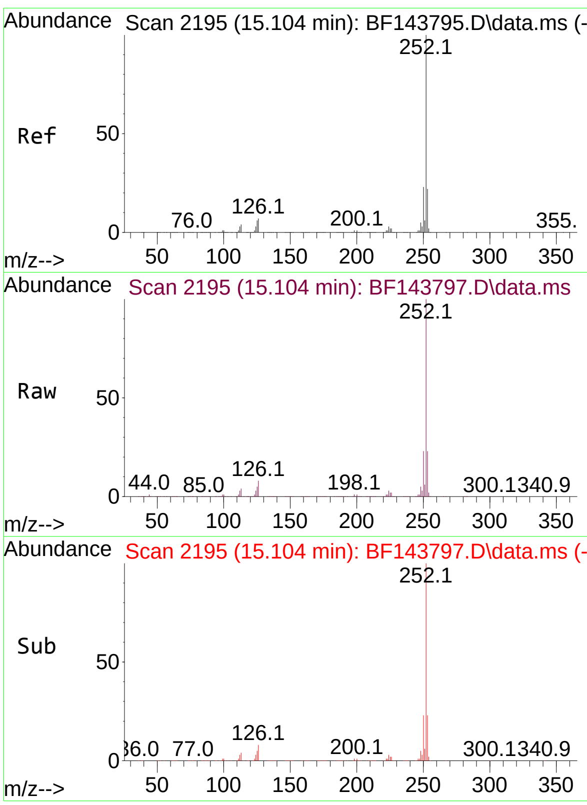
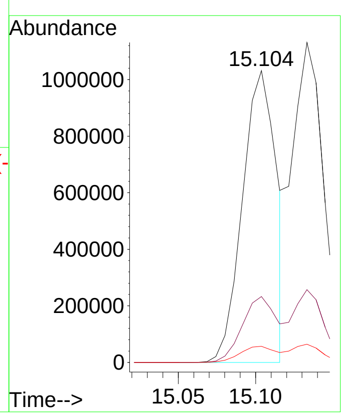
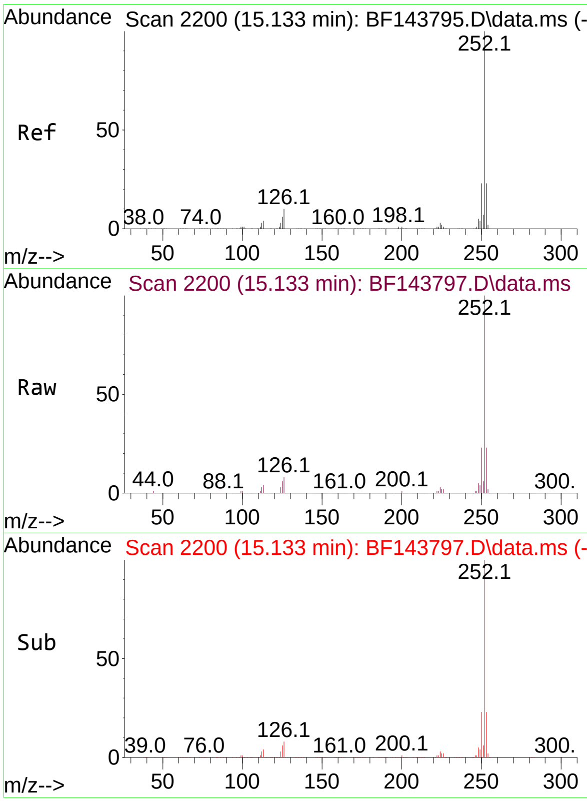


#88
Benzo(b)fluoranthene
Concen: 59.037 ng
RT: 15.104 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion:252 Resp: 1562058

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	5.5	4.4	6.6





#89
Benzo(k)fluoranthene
Concen: 60.363 ng
RT: 15.133 min Scan# 22
Delta R.T. -0.006 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion:252 Resp: 160460

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	5.7	4.6	6.8

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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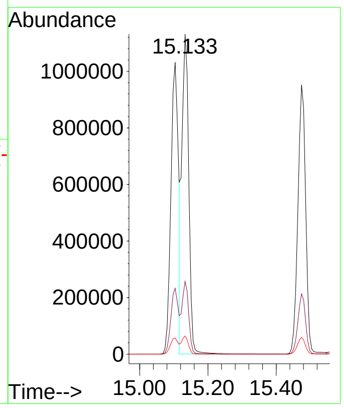
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



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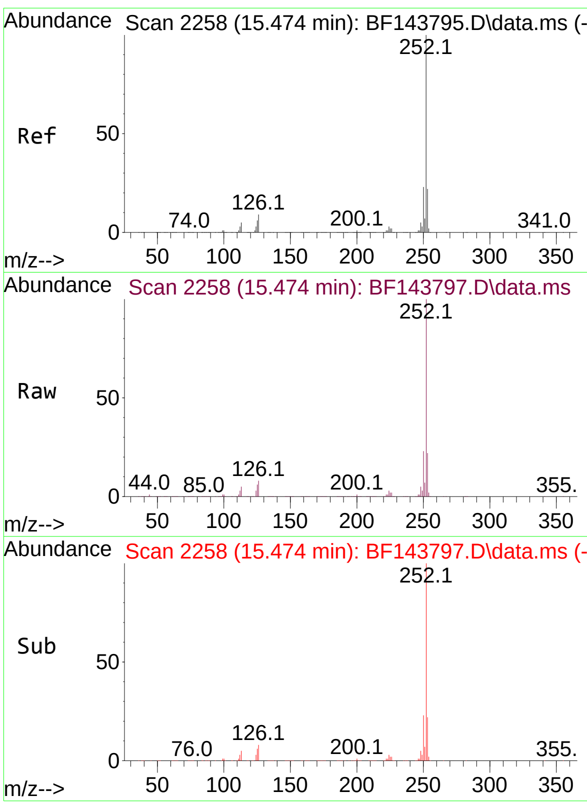
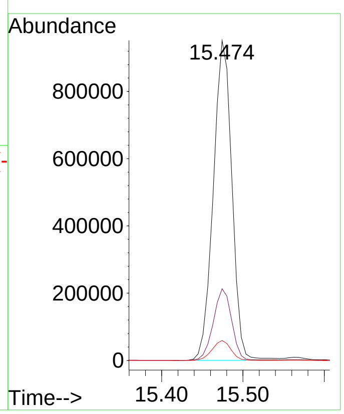


#90
Benzo(a)pyrene
Concen: 60.876 ng
RT: 15.474 min Scan# 2258
Delta R.T. -0.006 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

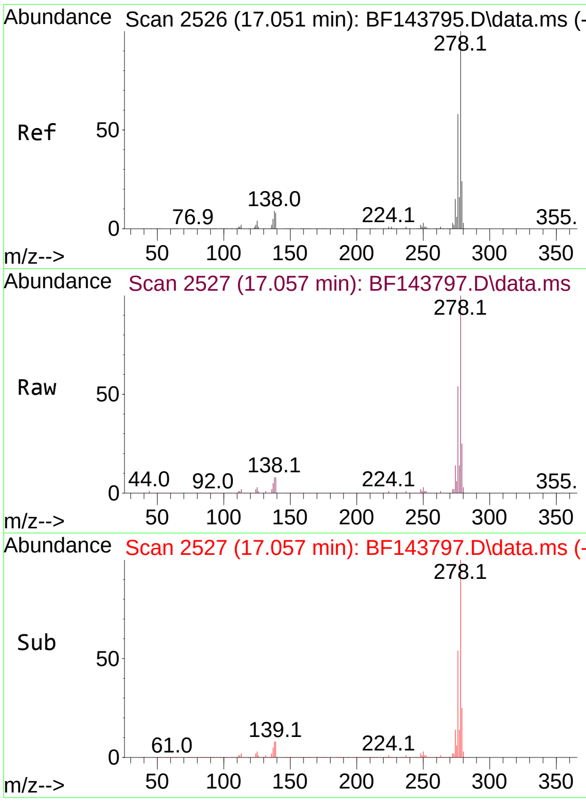
Tgt Ion:252 Resp: 1514049

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.6	26.4
125	6.2	5.0	7.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

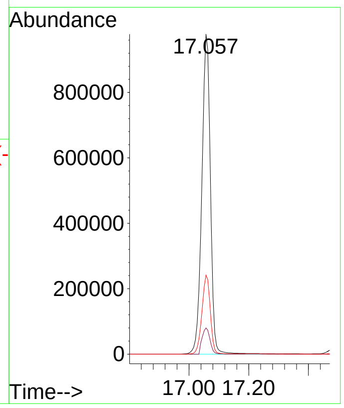
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

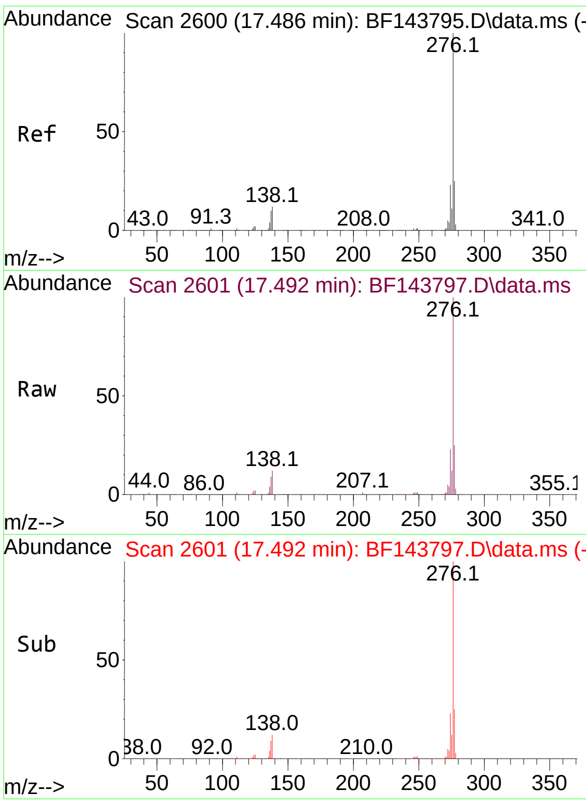


#91
Dibenzo(a,h)anthracene
Concen: 60.781 ng
RT: 17.057 min Scan# 25
Delta R.T. -0.012 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion:278 Resp: 195978

Ion	Ratio	Lower	Upper
278	100		
139	8.2	6.7	10.1
279	24.7	19.3	28.9

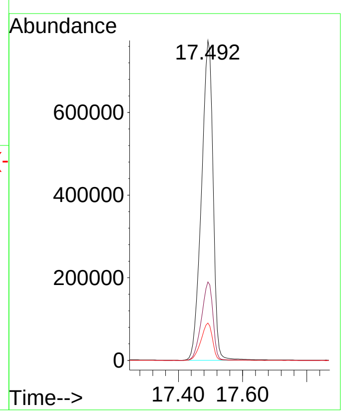




#92
Benzo(g,h,i)perylene
Concen: 62.375 ng
RT: 17.492 min Scan# 2601
Delta R.T. -0.012 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion:276 Resp: 1938747

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.6	29.4
138	11.7	9.2	13.8



ICAL Form

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Data File : BF143798.D
Acq On : 23 Sep 2025 15:27
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

Quant Time: Sep 23 17:07:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 23 16:31:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	114150	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	403097	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	191047	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	300725	20.000	ng	0.00
76) Chrysene-d12	14.063	240	368976	20.000	ng	0.00
86) Perylene-d12	15.539	264	561861	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1026027	144.655	ng	0.00
7) Phenol-d6	6.510	99	1156687	138.192	ng	0.00
23) Nitrobenzene-d5	7.451	82	991785	154.839	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	406469	149.081	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1675409	129.595	ng	0.00
79) Terphenyl-d14	13.004	244	2514401	133.790	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.634	88	263600	78.385	ng	99
3) Pyridine	3.399	79	703509	77.500	ng	99
4) n-Nitrosodimethylamine	3.357	42	358564	78.776	ng	99
6) Aniline	6.551	93	833840	70.770	ng	99
8) 2-Chlorophenol	6.669	128	523096	72.726	ng	96
9) Benzaldehyde	6.439	77	512709	72.121	ng	100
10) Phenol	6.528	94	668000m	70.793	ng	
11) bis(2-Chloroethyl)ether	6.622	93	528015	71.386	ng	97
12) 1,3-Dichlorobenzene	6.828	146	592035	70.893	ng	99
13) 1,4-Dichlorobenzene	6.904	146	587436	70.485	ng	100
14) 1,2-Dichlorobenzene	7.057	146	554647	70.268	ng	99
15) Benzyl Alcohol	7.028	79	427439	72.870	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1250239	71.282	ng	100
17) 2-Methylphenol	7.134	107	401874	72.168	ng	98
18) Hexachloroethane	7.404	117	213691	72.909	ng	96
19) n-Nitroso-di-n-propyla...	7.304	70	349063	66.866	ng	99
20) 3+4-Methylphenols	7.287	107	466916	68.853	ng	98
22) Acetophenone	7.298	105	601642	67.955	ng	97
24) Nitrobenzene	7.475	77	552229	75.655	ng	97
25) Isophorone	7.710	82	926928	72.232	ng	99
26) 2-Nitrophenol	7.786	139	241928	78.881	ng	95
27) 2,4-Dimethylphenol	7.816	122	420564	73.324	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	579809	69.544	ng	99
29) 2,4-Dichlorophenol	8.022	162	418769	74.200	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	426294	72.784	ng	98
31) Naphthalene	8.192	128	1331192	68.985	ng	99
32) Benzoic acid	7.922	122	259578	93.800	ng	96
33) 4-Chloroaniline	8.239	127	475524	70.124	ng	99
34) Hexachlorobutadiene	8.310	225	320435	73.390	ng	99
35) Caprolactam	8.610	113	112528	78.007	ng	99
36) 4-Chloro-3-methylphenol	8.710	107	383212	72.398	ng	98
37) 2-Methylnaphthalene	8.881	142	839849	68.255	ng	100
38) 1-Methylnaphthalene	8.981	142	799000	67.842	ng	98
40) 1,2,4,5-Tetrachloroben...	9.051	216	419788	72.811	ng	99
41) Hexachlorocyclopentadiene	9.039	237	295770	80.945	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	278988	77.279	ng	99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
Data File : BF143798.D
Acq On : 23 Sep 2025 15:27
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 23 17:07:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 23 16:31:21 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	291440	77.179 ng	99
46) 1,1'-Biphenyl	9.345	154	969811	70.127 ng	99
47) 2-Chloronaphthalene	9.375	162	792043	71.150 ng	99
48) 2-Nitroaniline	9.463	65	294783	87.616 ng	97
49) Acenaphthylene	9.786	152	1100520	71.813 ng	99
50) Dimethylphthalate	9.639	163	857631	73.652 ng	100
51) 2,6-Dinitrotoluene	9.704	165	168866	88.265 ng	96
52) Acenaphthene	9.963	154	727931	72.181 ng	98
53) 3-Nitroaniline	9.875	138	201936	87.079 ng	99
54) 2,4-Dinitrophenol	9.975	184	64545	79.097 ng	91
55) Dibenzofuran	10.133	168	1015631	71.219 ng	100
56) 4-Nitrophenol	10.022	139	160308	85.785 ng	96
57) 2,4-Dinitrotoluene	10.110	165	229035	78.669 ng	99
58) Fluorene	10.475	166	730945	68.947 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	269005	83.157 ng	98
60) Diethylphthalate	10.345	149	814823	74.753 ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	384933	71.259 ng	97
62) 4-Nitroaniline	10.492	138	195008	89.434 ng	99
63) Azobenzene	10.627	77	841633	73.264 ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	101519	78.431 ng	94
66) n-Nitrosodiphenylamine	10.586	169	714258	72.221 ng	99
67) 4-Bromophenyl-phenylether	10.957	248	389253	75.954 ng	98
68) Hexachlorobenzene	11.022	284	525440	74.398 ng	99
69) Atrazine	11.110	200	219693	76.710 ng	99
70) Pentachlorophenol	11.216	266	311232	88.529 ng	99
71) Phenanthrene	11.439	178	1108268	71.783 ng	99
72) Anthracene	11.492	178	1136970	73.416 ng	99
73) Carbazole	11.645	167	1018624	75.229 ng	100
74) Di-n-butylphthalate	11.974	149	1239778	79.613 ng	100
75) Fluoranthene	12.627	202	1217249	78.389 ng	99
77) Benzidine	12.751	184	600496	66.788 ng	100
78) Pyrene	12.857	202	1279855	70.553 ng	99
80) Butylbenzylphthalate	13.480	149	528060	84.139 ng	97
81) Benzo(a)anthracene	14.051	228	1467968	74.057 ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	687295	80.036 ng	99
83) Chrysene	14.086	228	1352077	75.382 ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	726710	78.996 ng	100
85) Di-n-octyl phthalate	14.657	149	1372332	82.239 ng	100
87) Indeno(1,2,3-cd)pyrene	17.045	276	3299429	77.396 ng	99
88) Benzo(b)fluoranthene	15.104	252	2247670	78.555 ng	98
89) Benzo(k)fluoranthene	15.139	252	2033980	70.756 ng	99
90) Benzo(a)pyrene	15.480	252	2063204	76.712 ng	99
91) Dibenzo(a,h)anthracene	17.068	278	2621312	75.178 ng	99
92) Benzo(g,h,i)perylene	17.503	276	2625358	78.108 ng	100

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

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
Data File : BF143798.D
Acq On : 23 Sep 2025 15:27
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 23 17:07:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 23 16:31:21 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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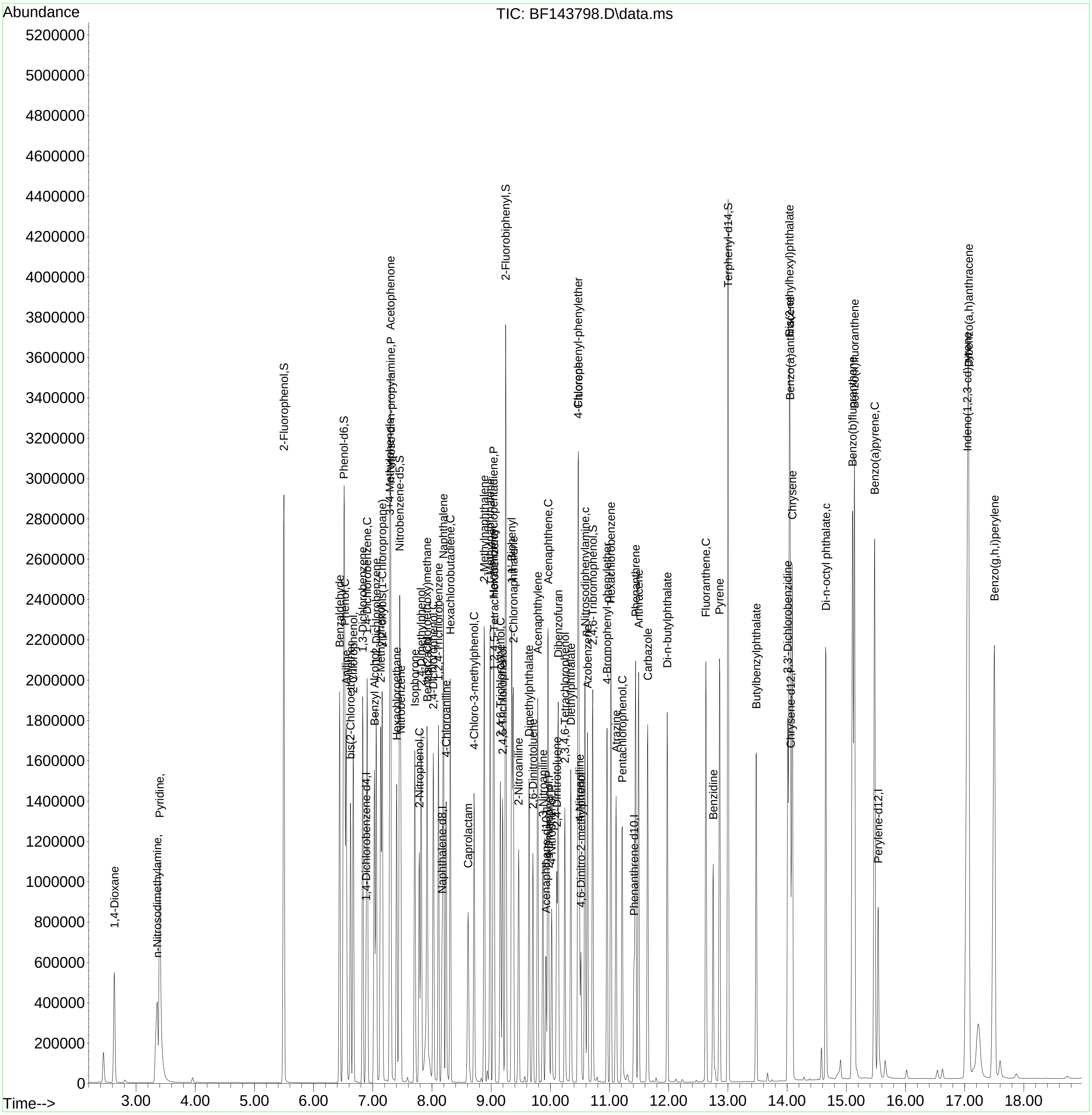

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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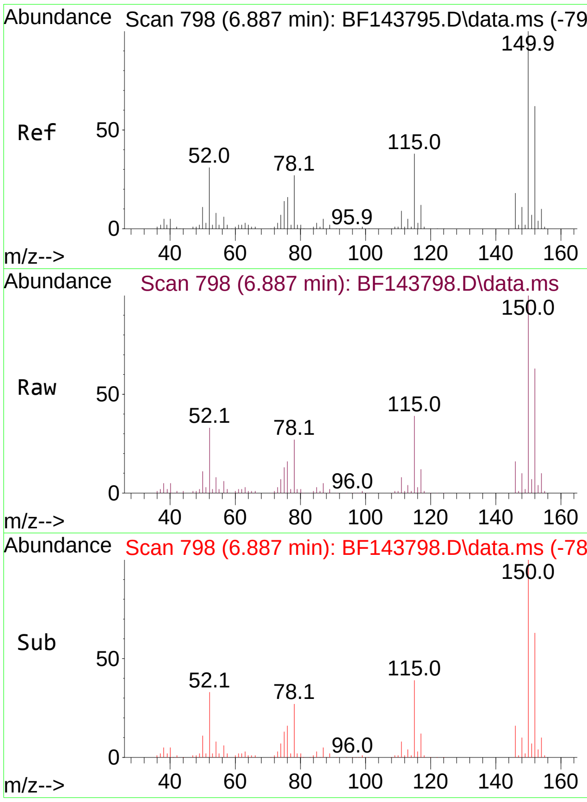
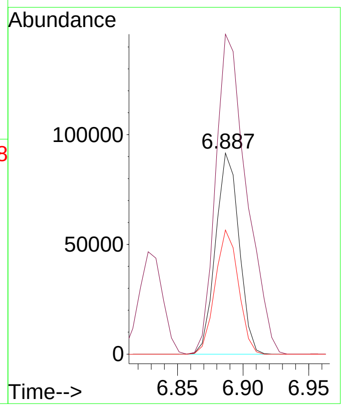
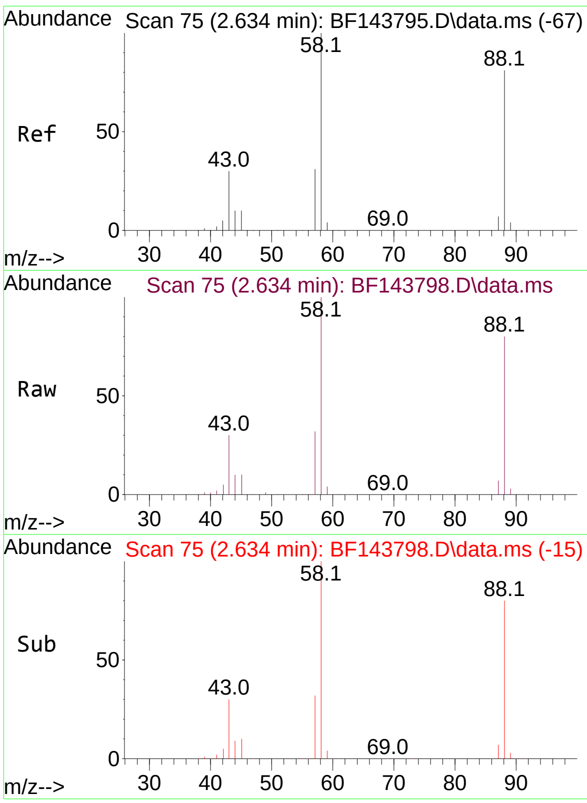


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Tgt Ion:152 Resp: 114150

Ion	Ratio	Lower	Upper
152	100		
150	159.2	129.6	194.4
115	61.8	49.0	73.4

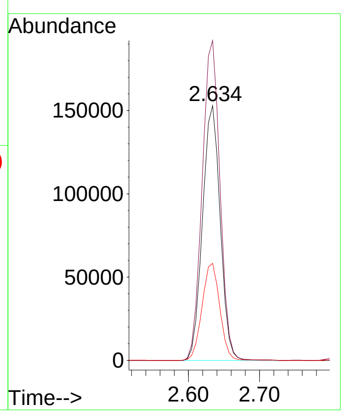




#2
1,4-Dioxane
Concen: 78.385 ng
RT: 2.634 min Scan# 75
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Tgt Ion: 88 Resp: 263600

Ion	Ratio	Lower	Upper
88	100		
58	126.1	99.4	149.2
43	38.3	30.6	45.8



Instrument : BNA_F
ClientSampleId : SSTDICC080

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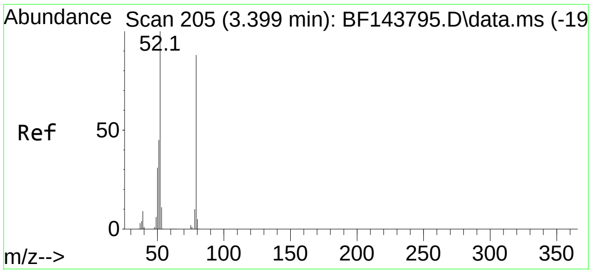
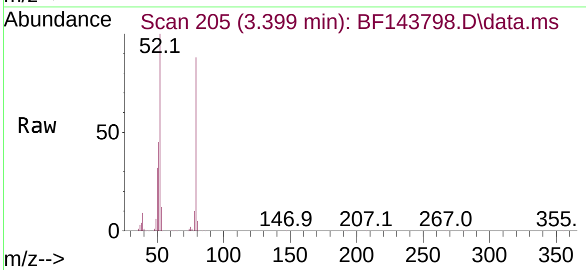
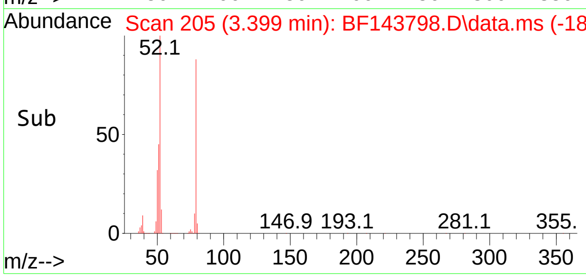
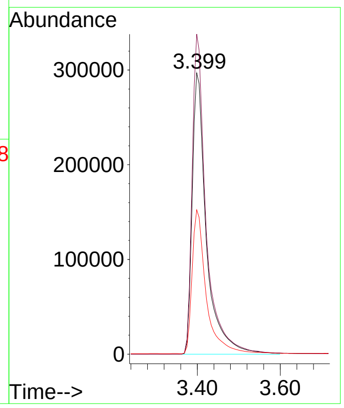


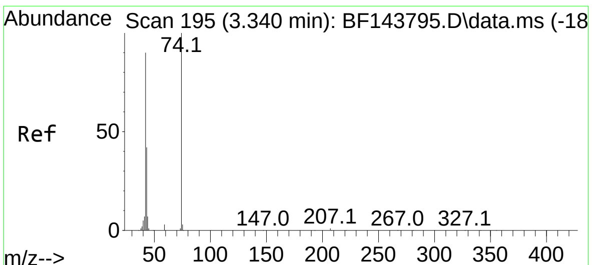


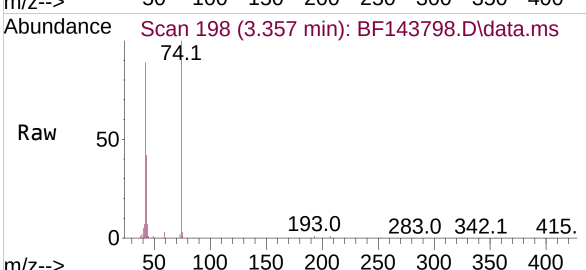


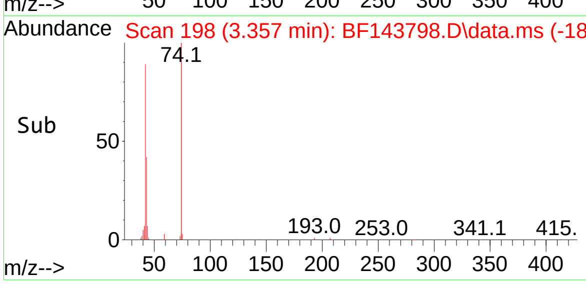

```
#3
Pyridine
Concen:   77.500 ng
RT:   3.399 min  Scan# 20
Delta R.T.  0.000 min
Lab File:   BF143798.D
Acq: 23 Sep 2025  15:27

Tgt Ion: 79 Resp:  703509
Ion  Ratio  Lower  Upper
 79  100
 52  113.9   90.5  135.7
 51   51.3   40.6   61.0
```



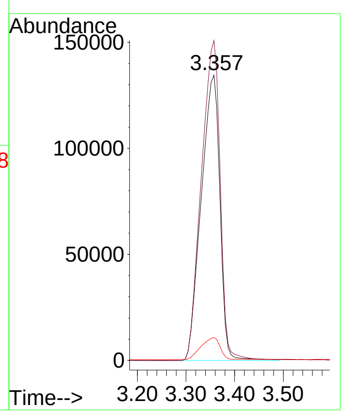







```
#4
n-Nitrosodimethylamine
Concen:   78.776 ng
RT:   3.357 min  Scan# 198
Delta R.T.  0.000 min
Lab File:   BF143798.D
Acq: 23 Sep 2025  15:27

Tgt Ion: 42 Resp:  358564
Ion  Ratio  Lower  Upper
 42  100
 74  112.1   89.1  133.7
 44    8.1    6.4    9.6
```



Instrument : BNA_F
ClientSampleId : SSTDICC080

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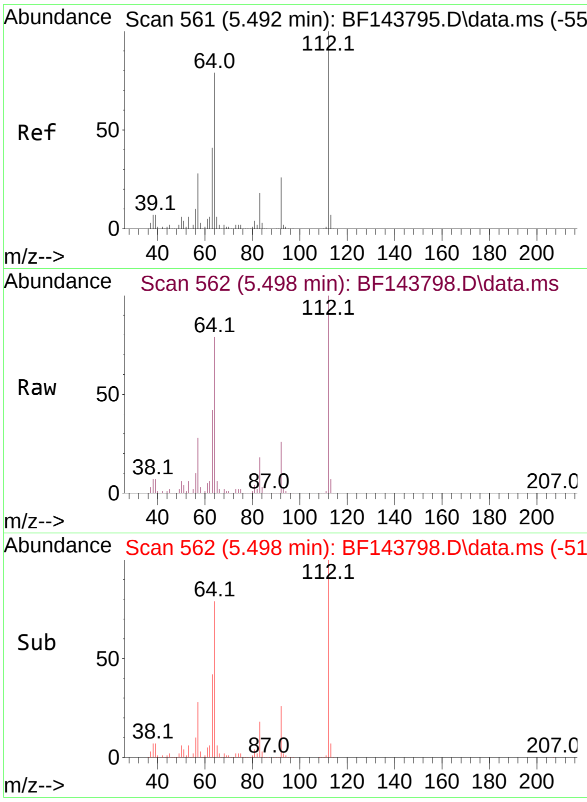
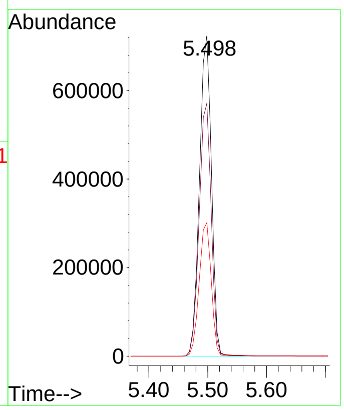
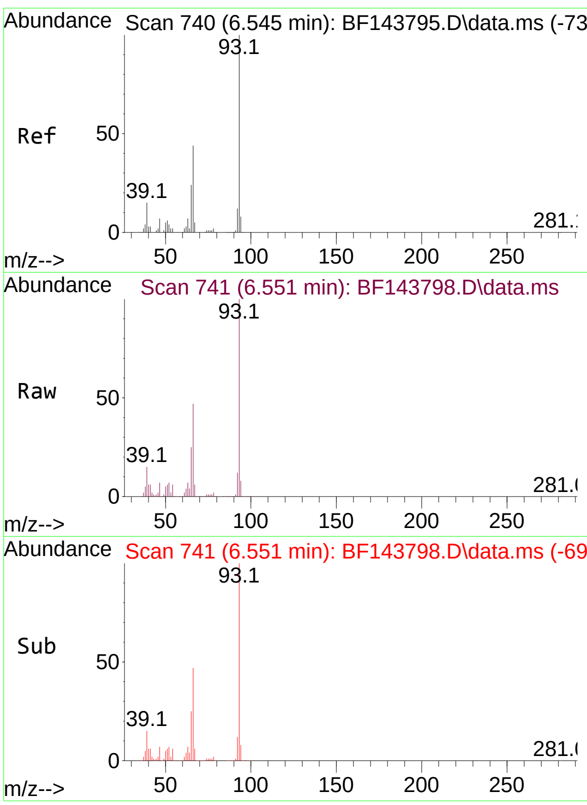


#5
2-Fluorophenol
Concen: 144.655 ng
RT: 5.498 min Scan# 56
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Tgt Ion:112 Resp: 1026027

Ion	Ratio	Lower	Upper
112	100		
64	78.9	63.0	94.4
63	41.7	32.6	49.0

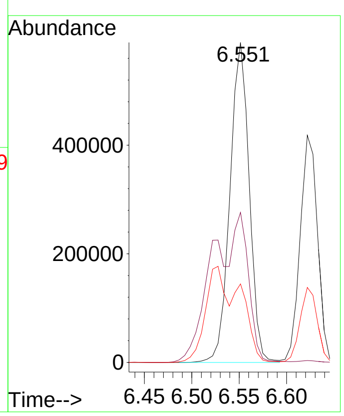




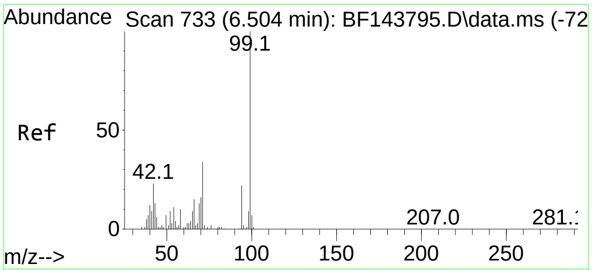
#6
Aniline
Concen: 70.770 ng
RT: 6.551 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

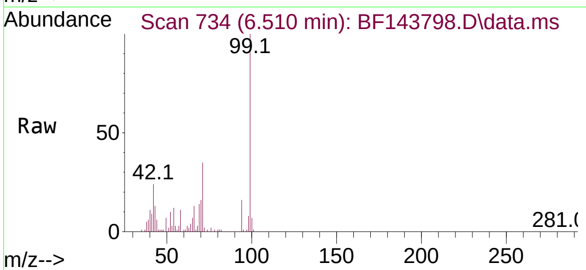
Tgt Ion: 93 Resp: 833840

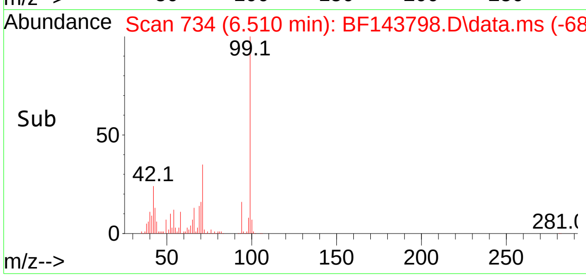
Ion	Ratio	Lower	Upper
93	100		
66	46.9	37.1	55.7
65	24.5	19.4	29.0



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18







#7
Phenol-d6
Concen: 138.192 ng
RT: 6.510 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 99 Resp: 115668

Ion	Ratio	Lower	Upper
99	100		
42	24.2	18.6	28.0
71	35.2	27.0	40.4

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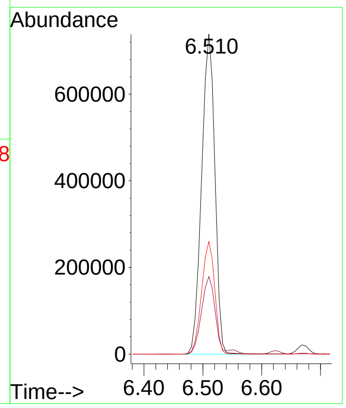
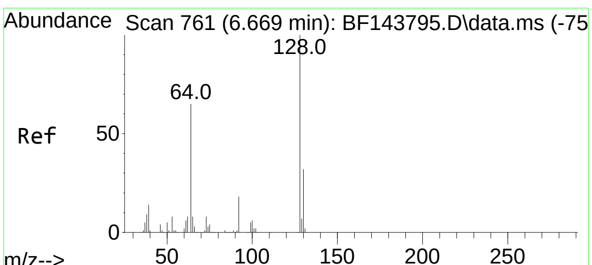
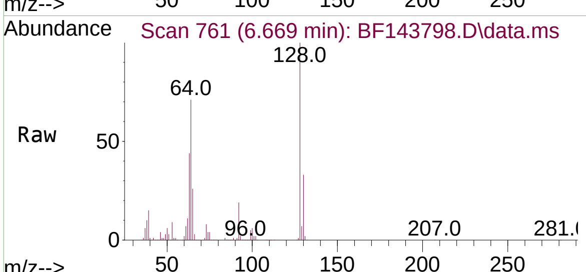
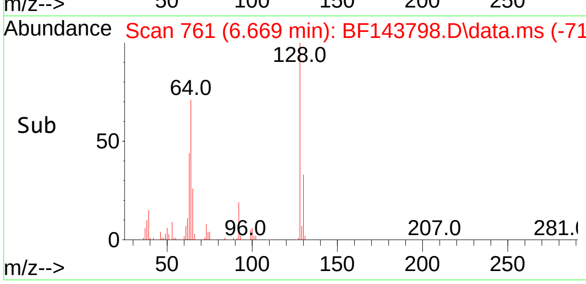




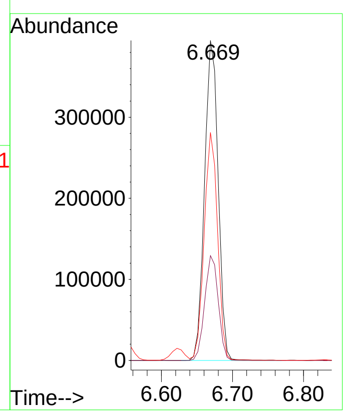


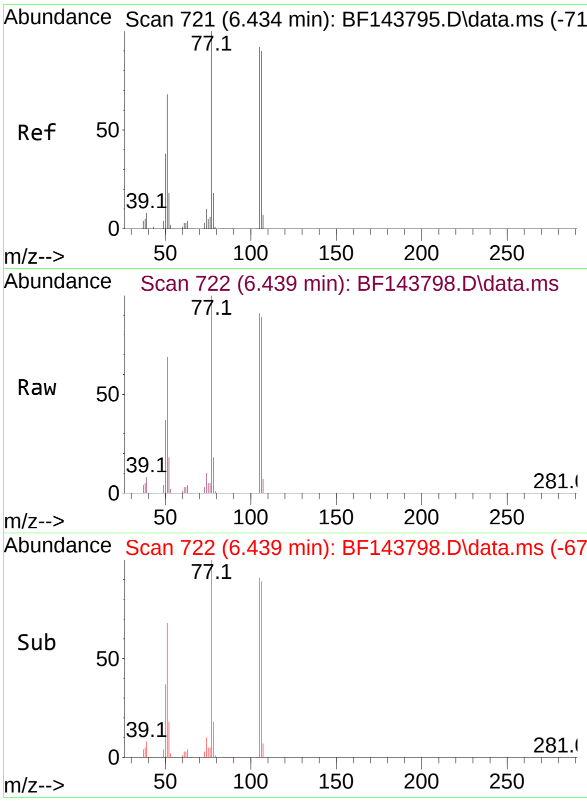


#8
2-Chlorophenol
Concen: 72.726 ng
RT: 6.669 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Tgt Ion:128 Resp: 523096

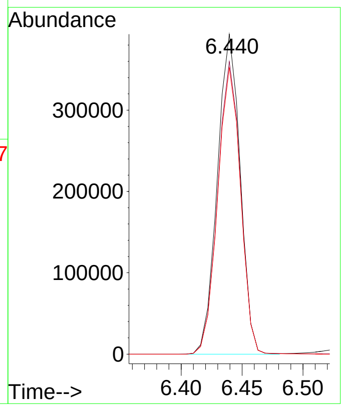
Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.2	52.2
64	71.2	46.5	86.5






```
#9
Benzaldehyde
Concen:    72.121 ng
RT:    6.439 min   Scan# 7
Delta R.T.   0.000 min
Lab File:    BF143798.D
Acq: 23 Sep 2025   15:27

Tgt Ion: 77 Resp:   51270
Ion   Ratio   Lower   Upper
 77   100
105    91.4    71.8   111.8
106    89.5    69.8   109.8
```



Instrument :
BNA_F
ClientSampleId :
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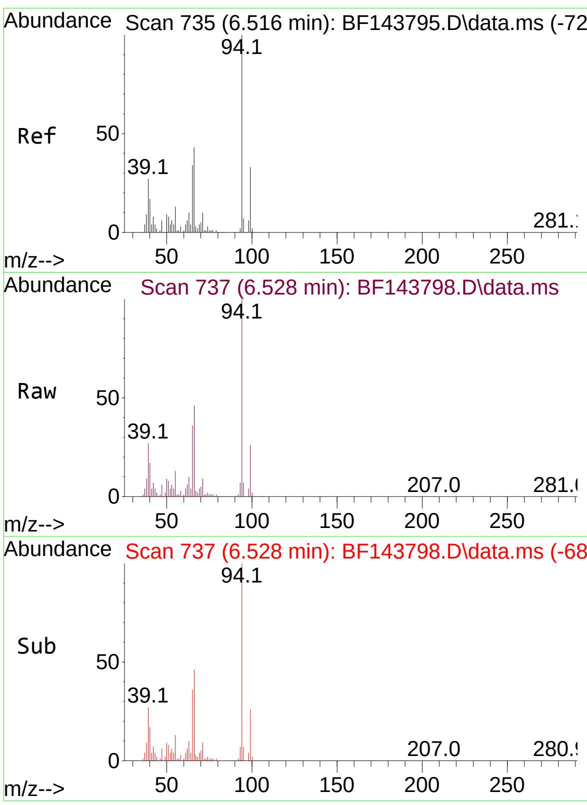
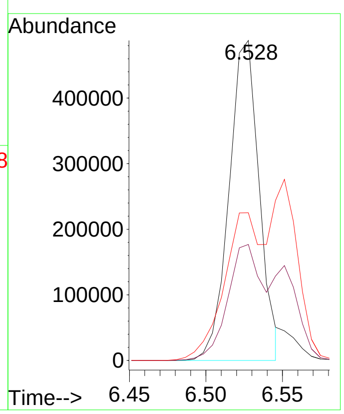
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18




```
#10
Phenol
Concen:    70.793 ng   m
RT:    6.528 min   Scan# 737
Delta R.T.   0.000 min
Lab File:    BF143798.D
Acq: 23 Sep 2025   15:27

Tgt Ion: 94 Resp:   668000
Ion   Ratio   Lower   Upper
 94   100
 65    36.2    14.2    54.2
 66    46.1    24.1    64.1
```



Instrument :
BNA_F
ClientSampleId :
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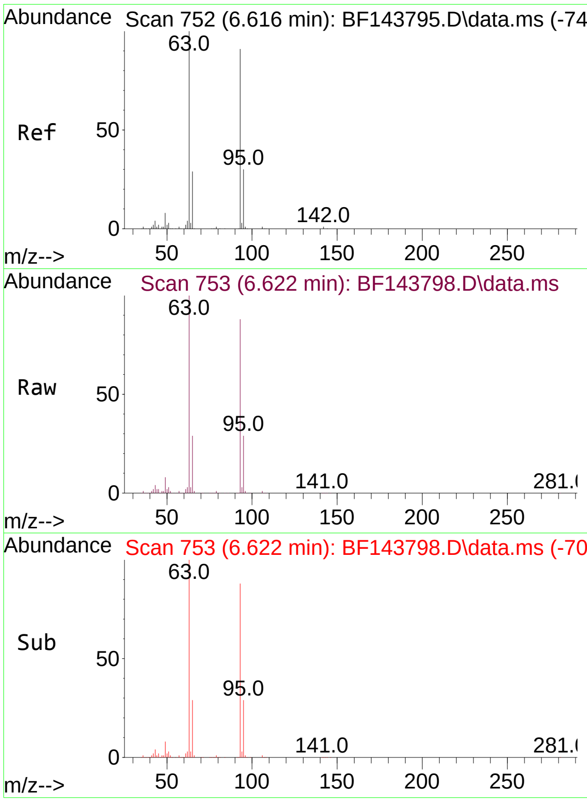
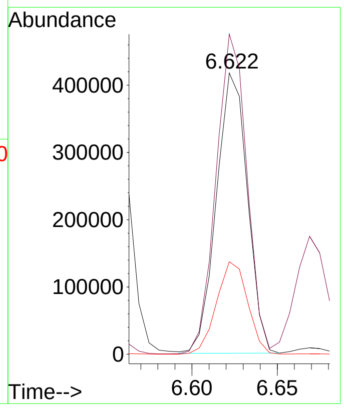
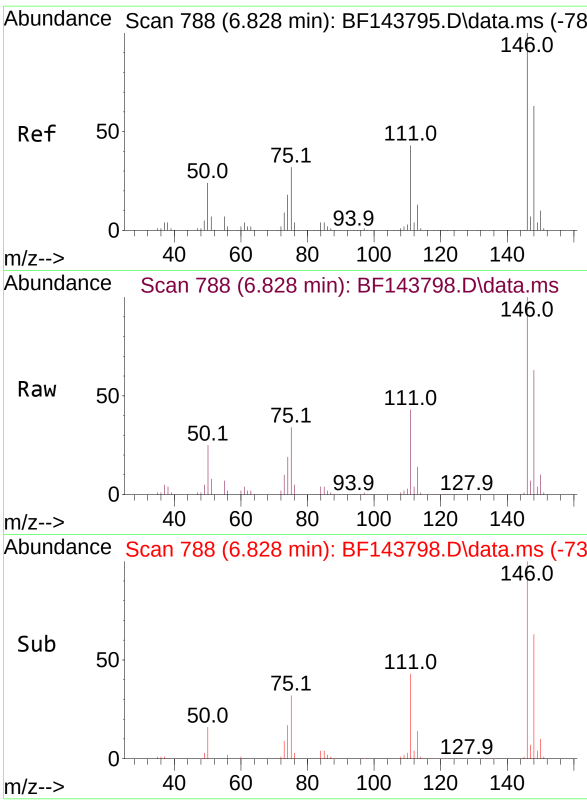


#11
bis(2-Chloroethyl)ether
Concen: 71.386 ng
RT: 6.622 min Scan# 75
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Tgt Ion: 93 Resp: 52801

Ion	Ratio	Lower	Upper
93	100		
63	113.8	89.2	129.2
95	32.9	12.9	52.9

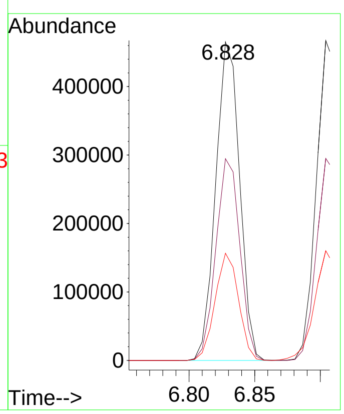


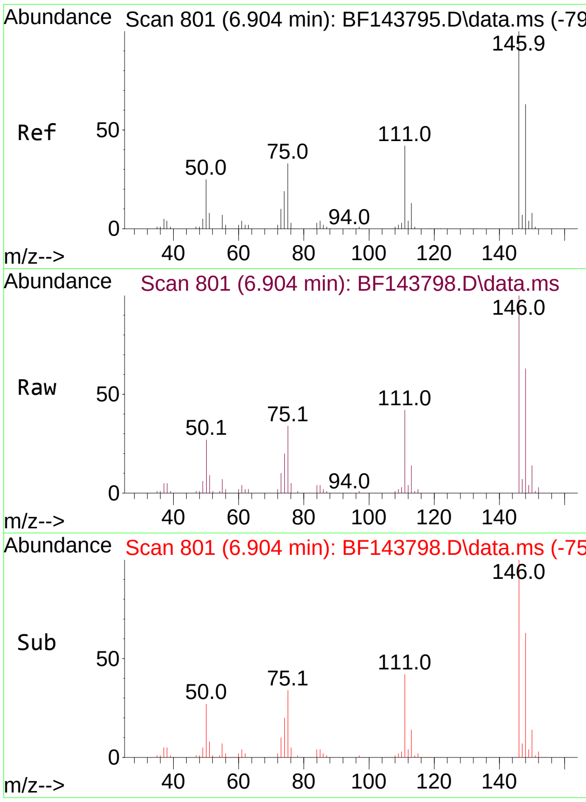


#12
1,3-Dichlorobenzene
Concen: 70.893 ng
RT: 6.828 min Scan# 788
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Tgt Ion:146 Resp: 592035

Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.4	75.6
75	33.6	25.6	38.4

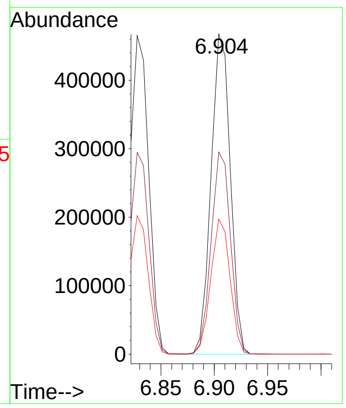




#13
1,4-Dichlorobenzene
Concen: 70.485 ng
RT: 6.904 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Tgt Ion:146 Resp: 58743

Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.7	76.1
111	42.2	33.4	50.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
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Supervised By :Jagrut Upadhyay 09/24/2025

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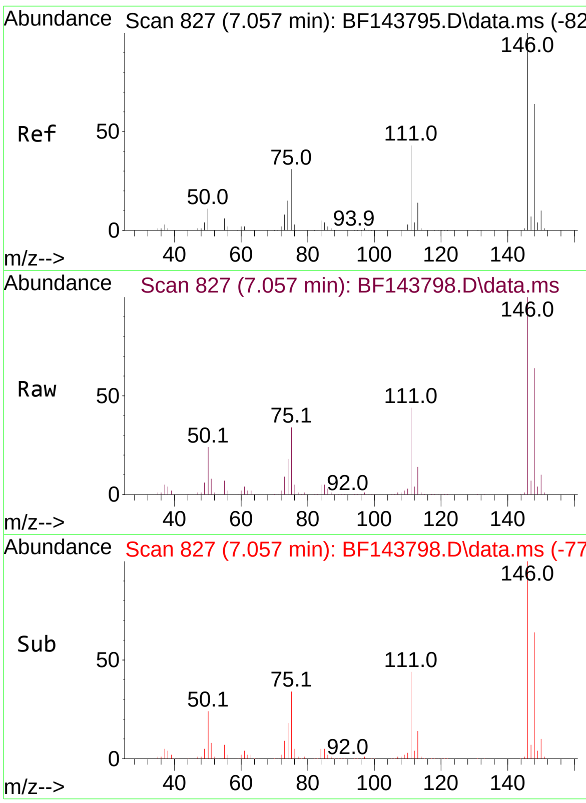
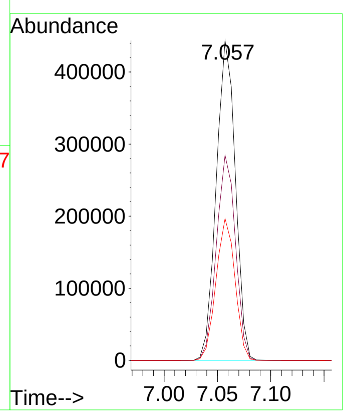
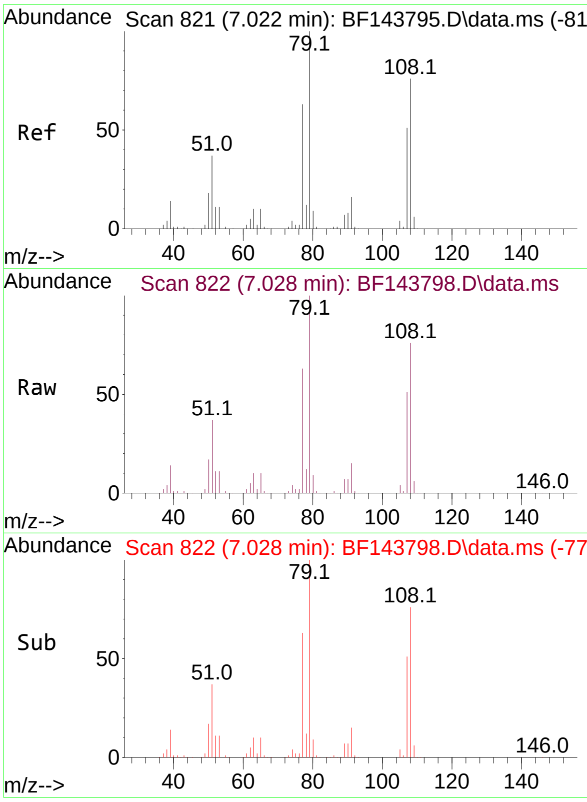


#14
1,2-Dichlorobenzene
Concen: 70.268 ng
RT: 7.057 min Scan# 827
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Tgt Ion:146 Resp: 554647

Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.1	76.7
111	44.3	34.3	51.5





#15
Benzyl Alcohol
Concen: 72.870 ng
RT: 7.028 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Tgt Ion: 79 Resp: 427439

Ion	Ratio	Lower	Upper
79	100		
108	76.4	60.5	90.7
77	63.3	50.3	75.5

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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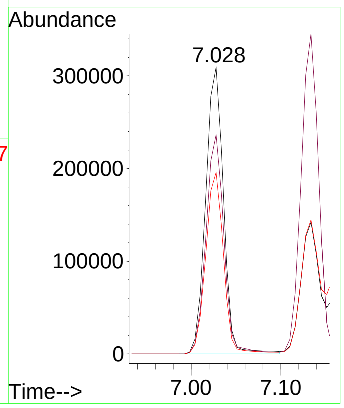

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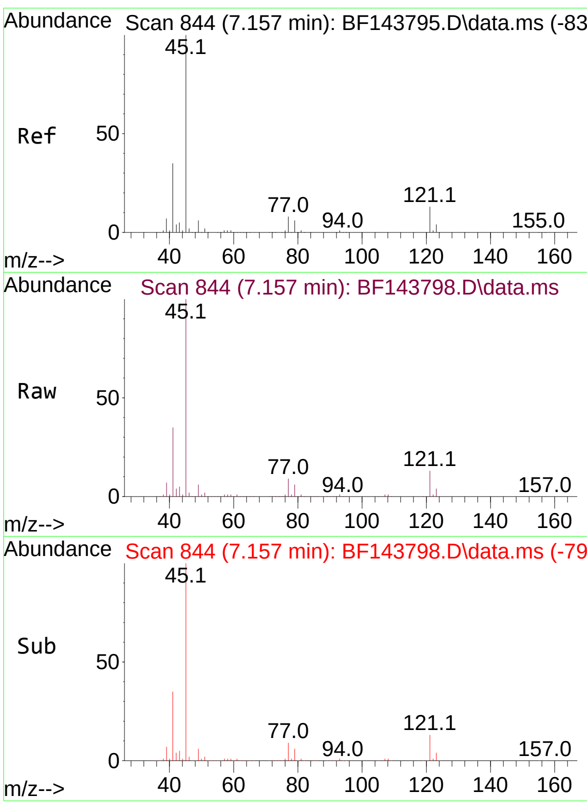
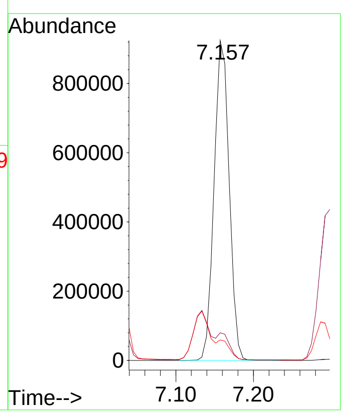


#16
2,2'-oxybis(1-Chloropropane)
Concen: 71.282 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Tgt Ion: 45 Resp: 1250239

Ion	Ratio	Lower	Upper
45	100		
77	8.6	0.0	28.5
79	6.4	0.0	26.3



Instrument :
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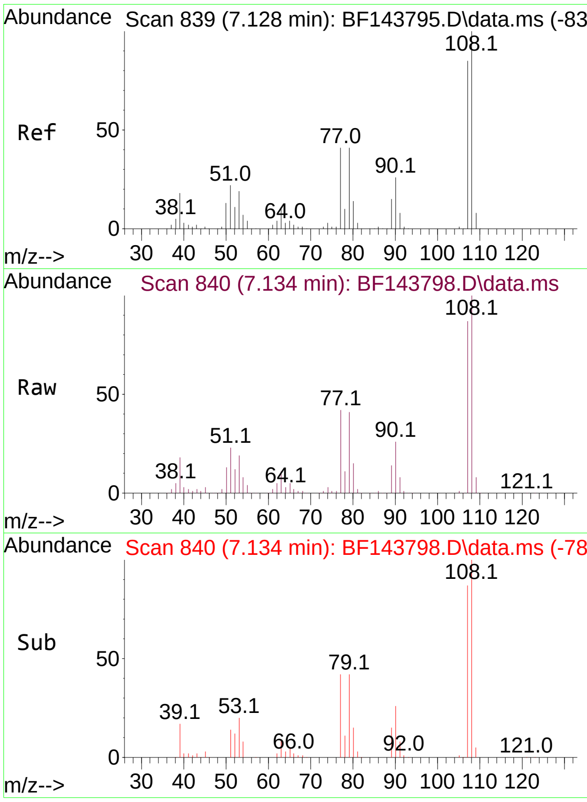
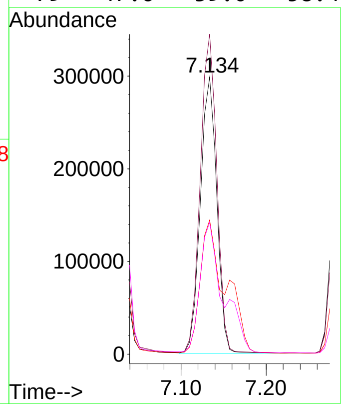
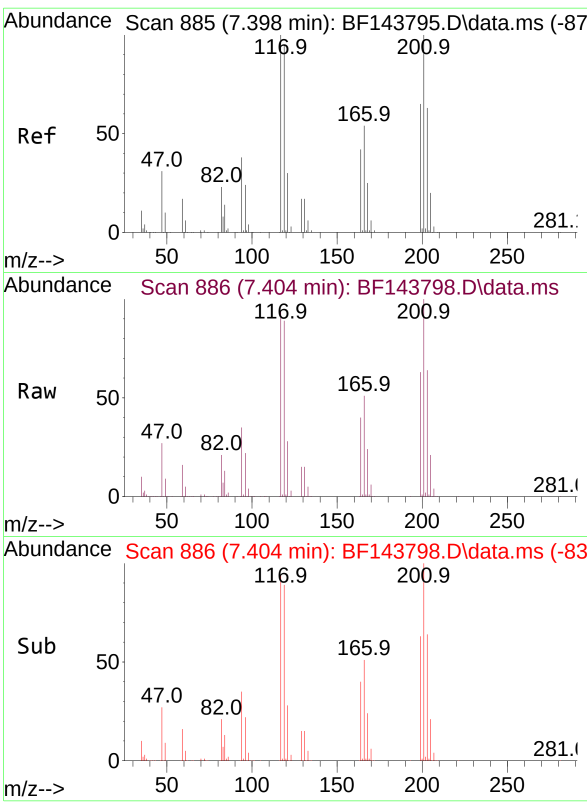


#17
2-Methylphenol
Concen: 72.168 ng
RT: 7.134 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Tgt Ion:107 Resp: 40187

Ion	Ratio	Lower	Upper
107	100		
108	115.6	94.2	141.4
77	48.4	38.6	58.0
79	47.6	39.0	58.4

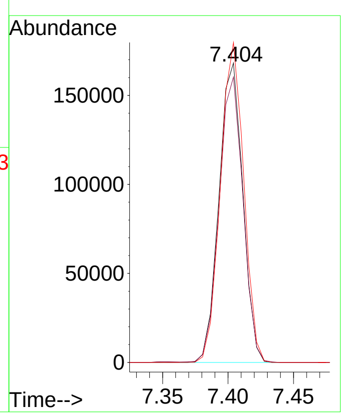




#18
Hexachloroethane
Concen: 72.909 ng
RT: 7.404 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Tgt Ion:117 Resp: 213691

Ion	Ratio	Lower	Upper
117	100		
119	95.3	76.2	114.2
201	106.8	79.7	119.5



Instrument :
BNA_F
ClientSampleId :
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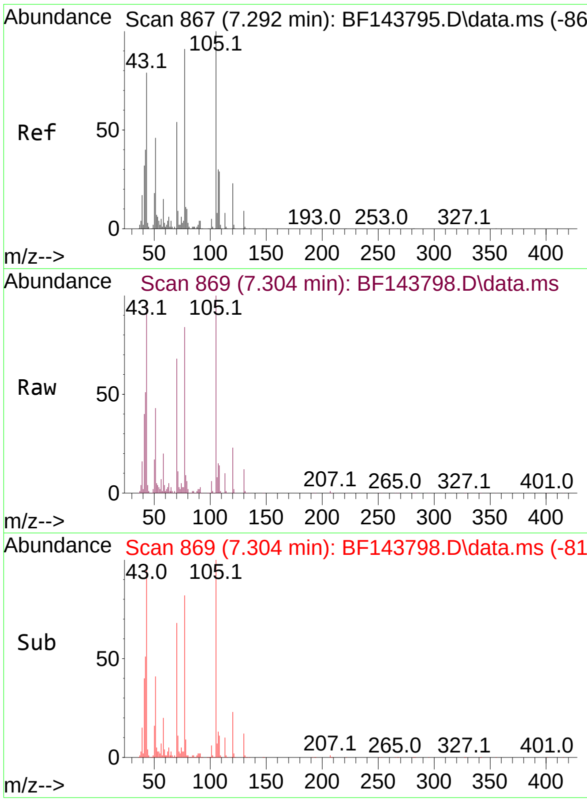
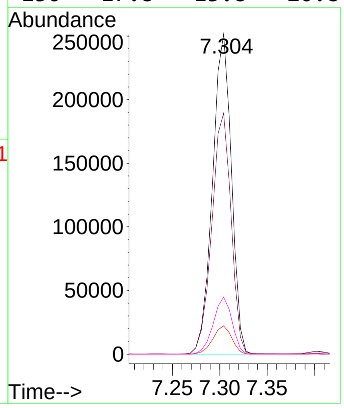
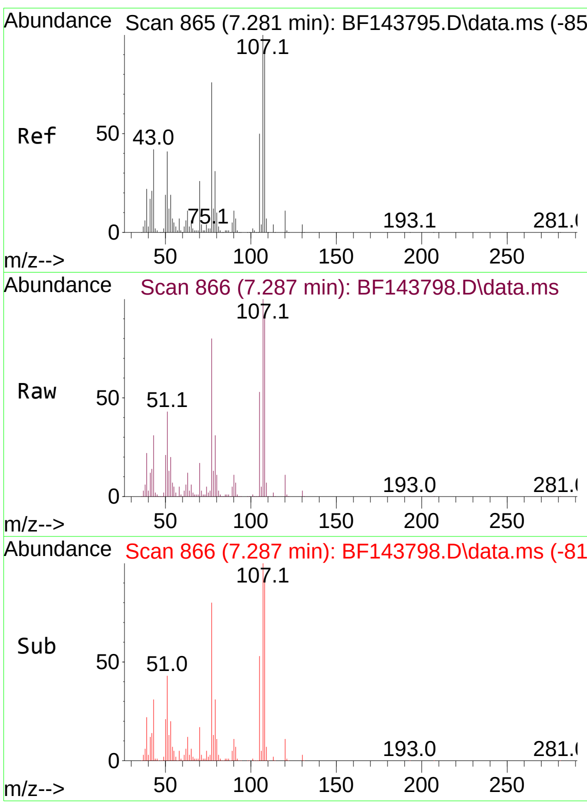


#19
n-Nitroso-di-n-propylamine
Concen: 66.866 ng
RT: 7.304 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Tgt Ion: 70 Resp: 34906

Ion	Ratio	Lower	Upper
70	100		
42	75.3	59.4	89.0
101	8.8	7.1	10.7
130	17.8	13.8	20.8

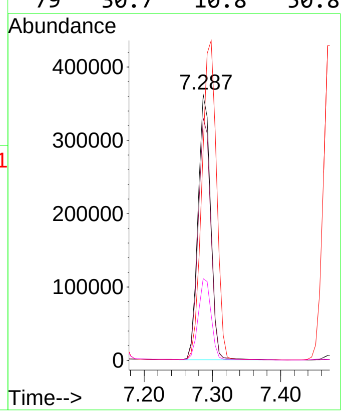


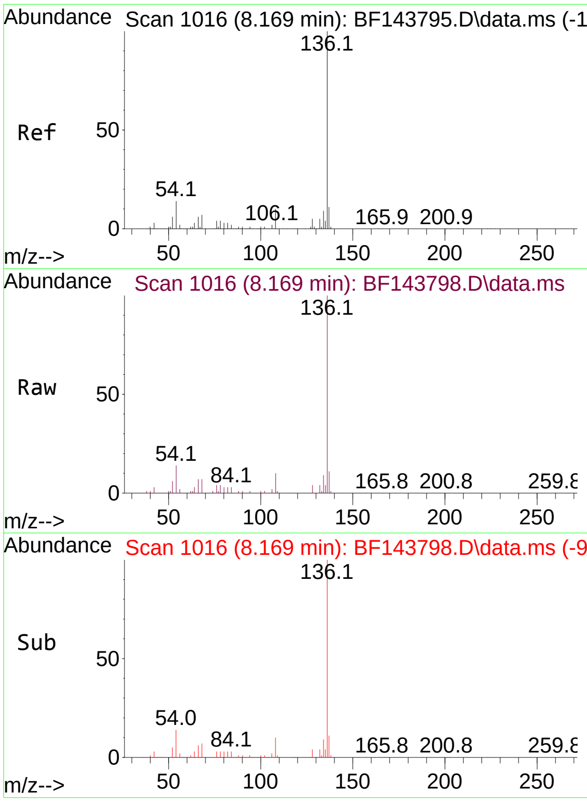


#20
3+4-Methylphenols
Concen: 68.853 ng
RT: 7.287 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Tgt Ion:107 Resp: 466916

Ion	Ratio	Lower	Upper
107	100		
108	91.1	72.5	112.5
77	79.6	56.2	96.2
79	30.7	10.8	50.8

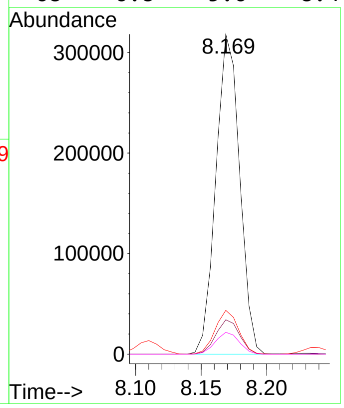




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Tgt Ion:136 Resp: 40309

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	13.7	11.2	16.8
68	6.8	5.6	8.4



Instrument :
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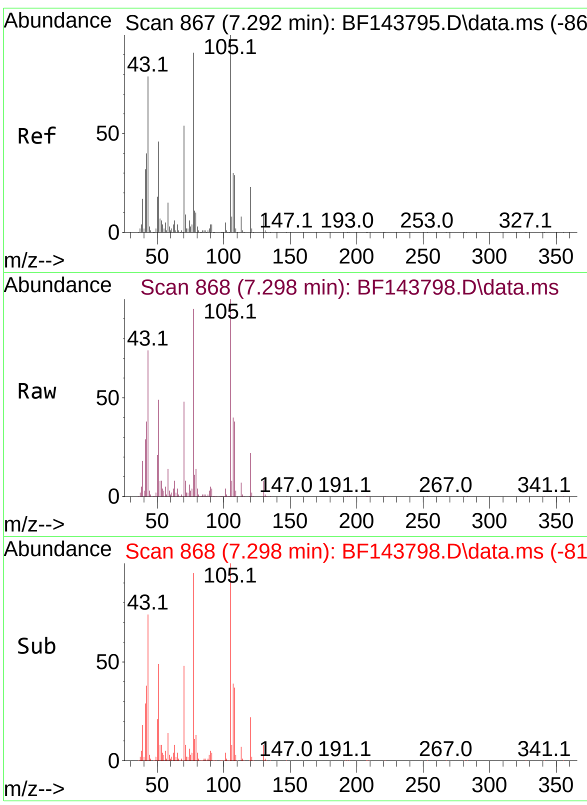
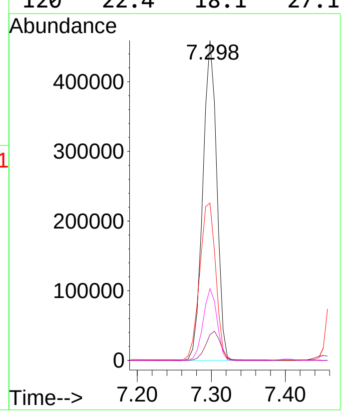


#22
Acetophenone
Concen: 67.955 ng
RT: 7.298 min Scan# 868
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Tgt Ion:105 Resp: 601642

Ion	Ratio	Lower	Upper
105	100		
71	8.0	7.0	10.4
51	49.2	36.6	55.0
120	22.4	18.1	27.1



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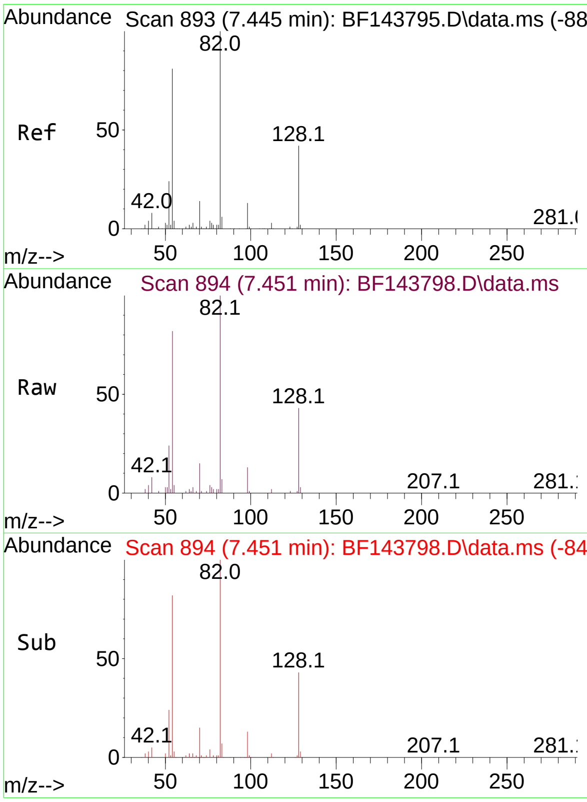
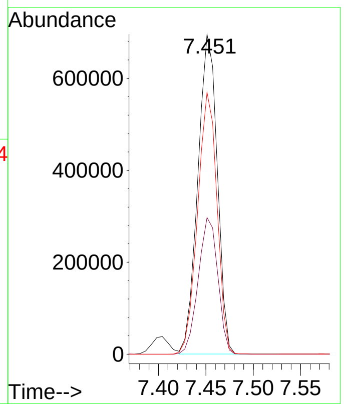


#23
Nitrobenzene-d5
Concen: 154.839 ng
RT: 7.451 min Scan# 89
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Tgt Ion: 82 Resp: 99178

Ion	Ratio	Lower	Upper
82	100		
128	42.7	33.3	49.9
54	81.8	64.2	96.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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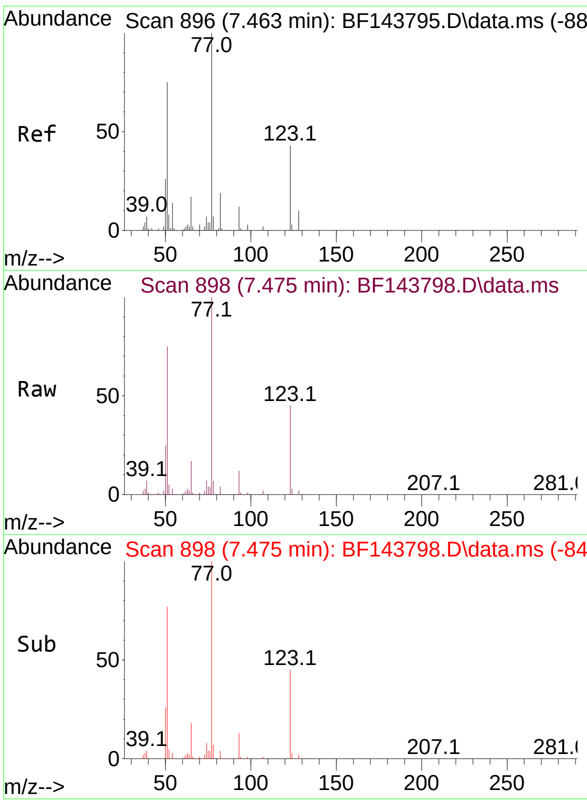
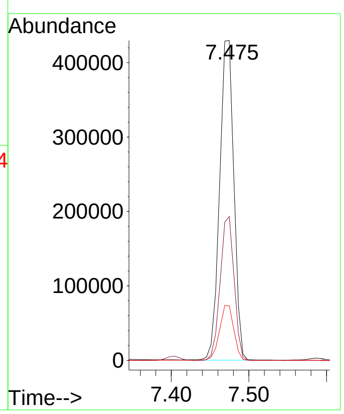


#24
Nitrobenzene
Concen: 75.655 ng
RT: 7.475 min Scan# 898
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Tgt Ion: 77 Resp: 552229

Ion	Ratio	Lower	Upper
77	100		
123	45.0	34.0	51.0
65	17.1	13.5	20.3



Instrument : BNA_F
ClientSampleId : SSTDICC080

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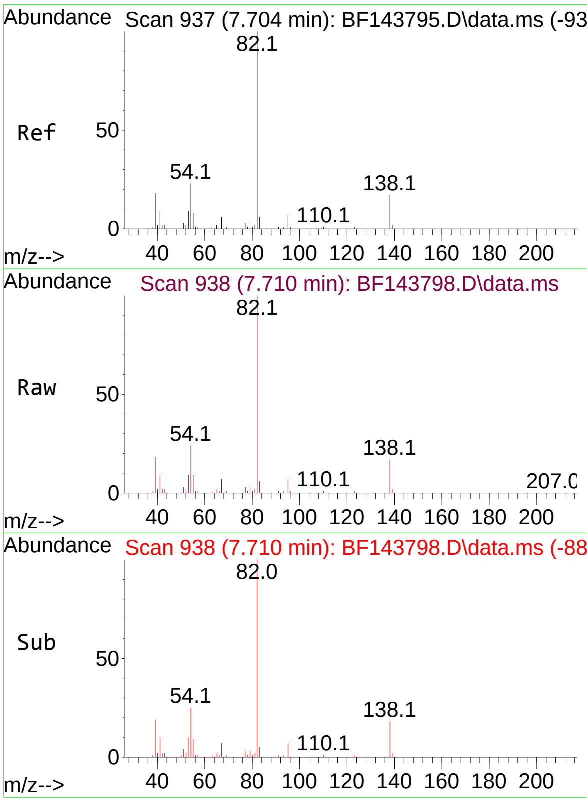
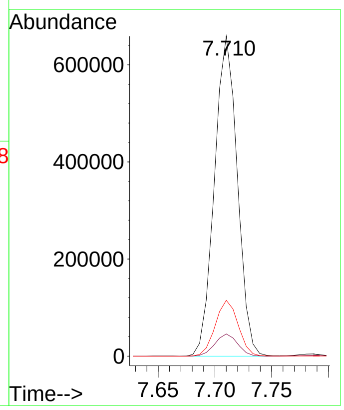
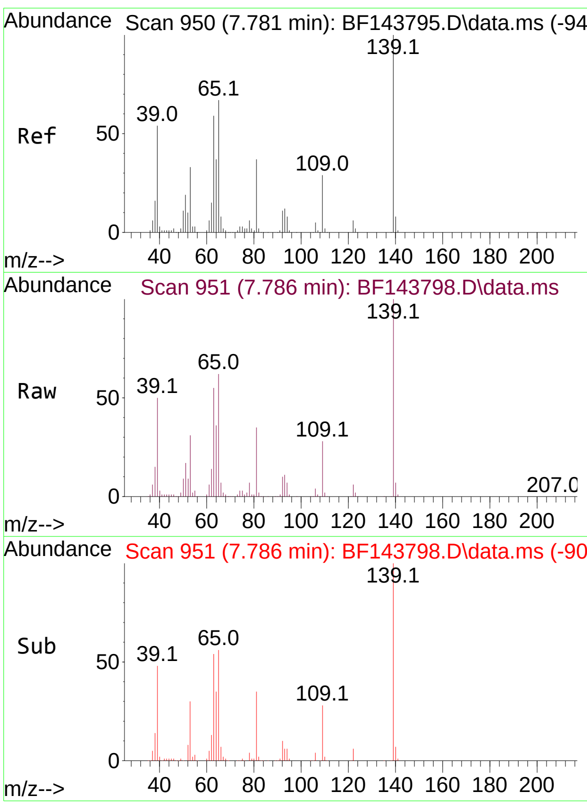


#25
Isophorone
Concen: 72.232 ng
RT: 7.710 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Tgt Ion: 82 Resp: 92692

Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.4	8.2
138	17.5	13.7	20.5

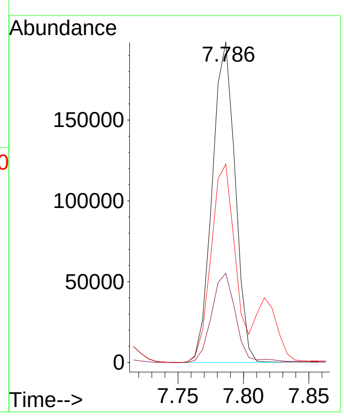


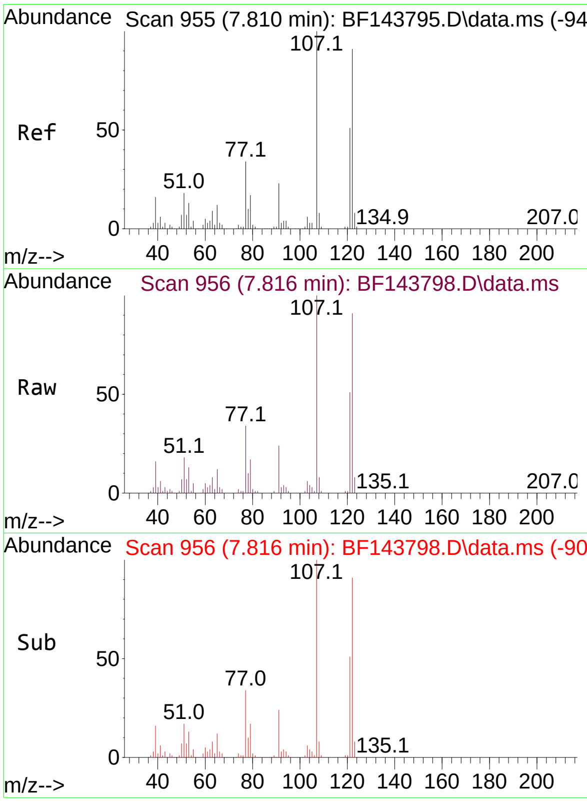


#26
2-Nitrophenol
Concen: 78.881 ng
RT: 7.786 min Scan# 951
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Tgt Ion:139 Resp: 241928

Ion	Ratio	Lower	Upper
139	100		
109	27.8	23.3	34.9
65	61.9	53.8	80.6





#27
2,4-Dimethylphenol

Concen:	73.324 ng		
RT:	7.816 min	Scan# 95	
Delta R.T.	-0.000 min		
Lab File:	BF143798.D		
Acq:	23 Sep 2025	15:27	

Tgt Ion:122 Resp: 420564

Ion	Ratio	Lower	Upper
122	100		
107	110.3	87.5	131.3
121	56.1	44.2	66.4

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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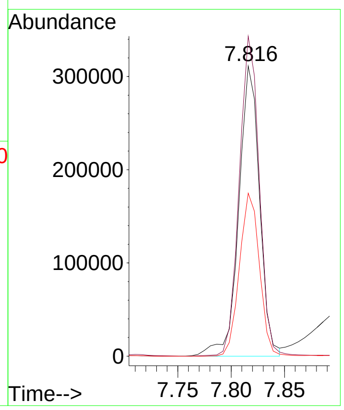
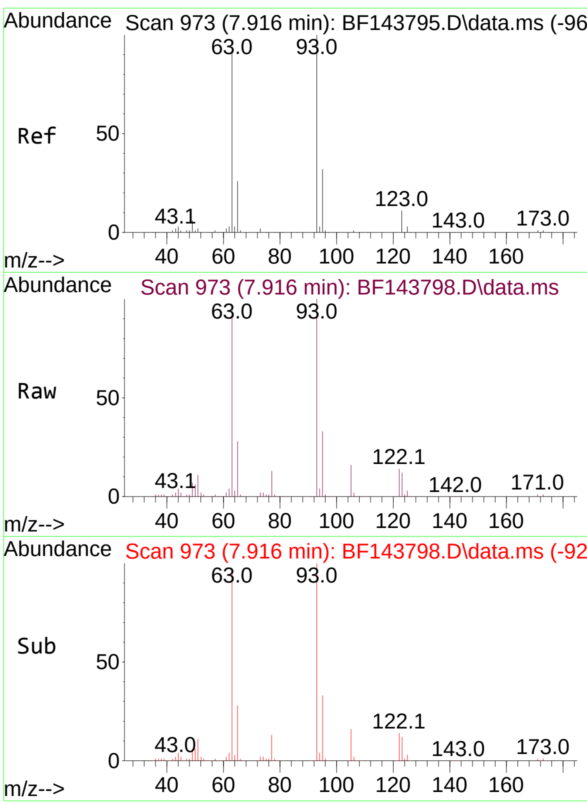


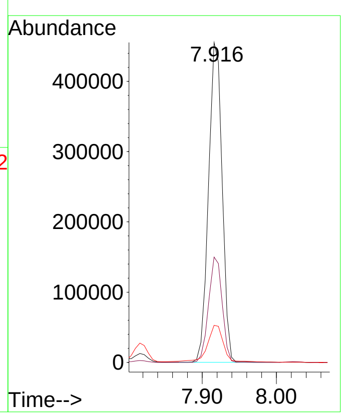


#28
bis(2-Chloroethoxy)methane

Concen:	69.544 ng		
RT:	7.916 min	Scan# 973	
Delta R.T.	0.000 min		
Lab File:	BF143798.D		
Acq:	23 Sep 2025	15:27	

Tgt Ion: 93 Resp: 579809

Ion	Ratio	Lower	Upper
93	100		
95	32.9	25.8	38.8
123	11.6	8.8	13.2



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

Instrument :
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ClientSampleId :
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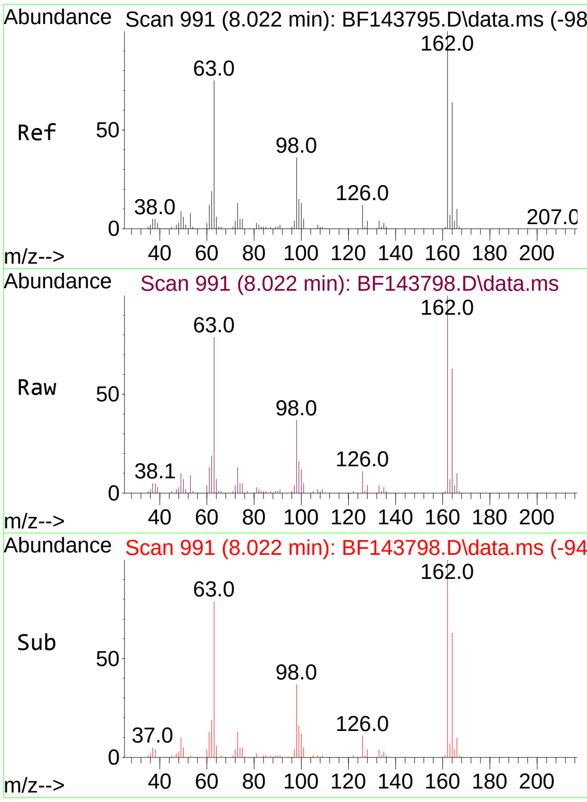
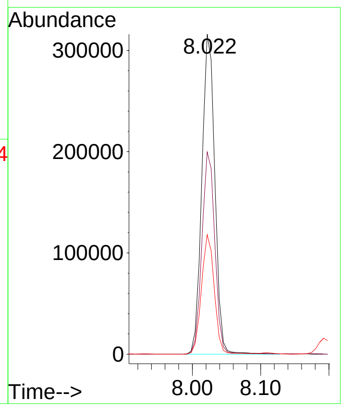
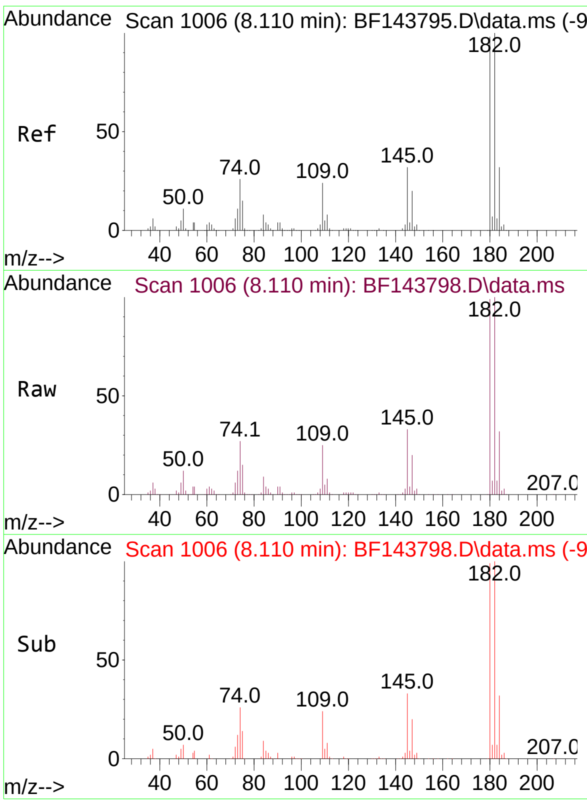


#29
2,4-Dichlorophenol
Concen: 74.200 ng
RT: 8.022 min Scan# 99
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Tgt Ion:162 Resp: 41876

Ion	Ratio	Lower	Upper
162	100		
164	63.2	44.1	84.1
98	37.3	15.8	55.8

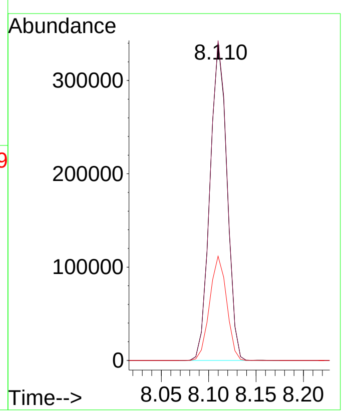


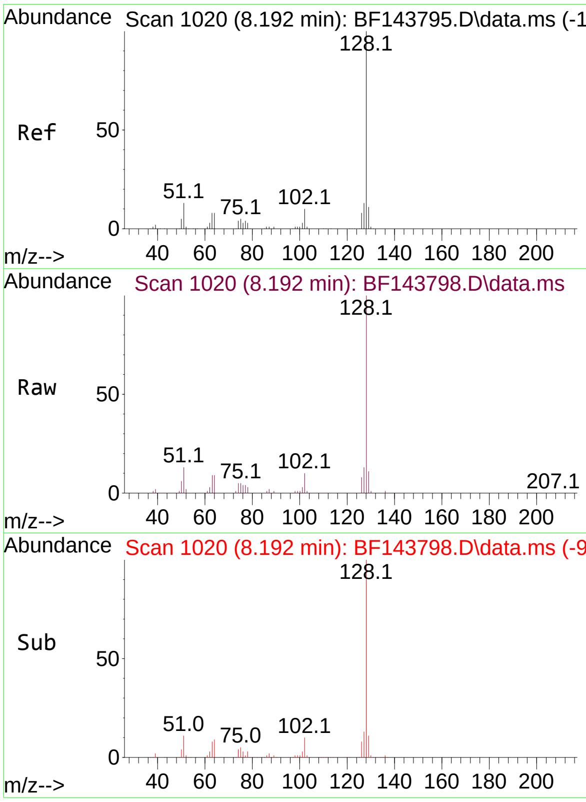


#30
1,2,4-Trichlorobenzene
Concen: 72.784 ng
RT: 8.110 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Tgt Ion:180 Resp: 426294

Ion	Ratio	Lower	Upper
180	100		
182	100.7	82.0	123.0
145	32.8	25.9	38.9

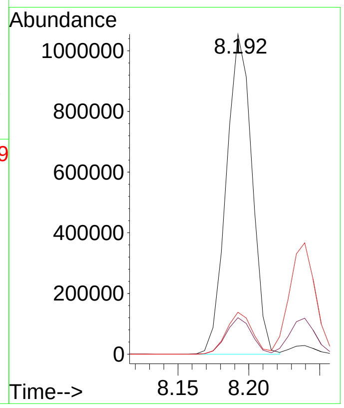




#31
Naphthalene
Concen: 68.985 ng
RT: 8.192 min   Scan# 10
Delta R.T.   0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025   15:27

Tgt Ion:128 Resp: 1331192

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	13.1	10.2	15.4



Instrument :
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ClientSampleId :
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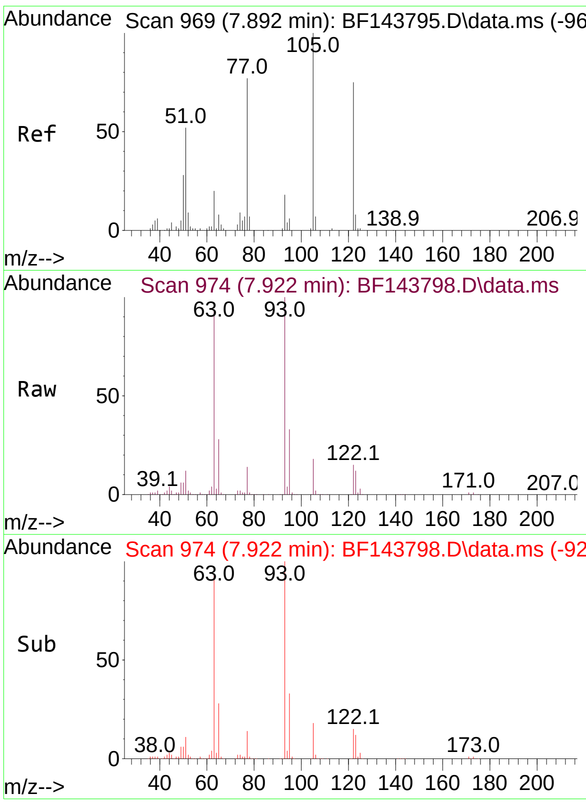
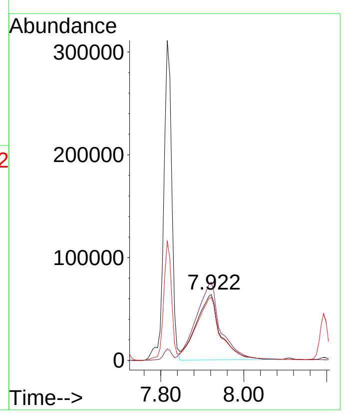


#32
Benzoic acid
Concen: 93.800 ng
RT: 7.922 min   Scan# 974
Delta R.T.   0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025   15:27

Tgt Ion:122 Resp: 259578

Ion	Ratio	Lower	Upper
122	100		
105	118.7	103.7	143.7
77	96.1	78.8	118.8



Instrument :
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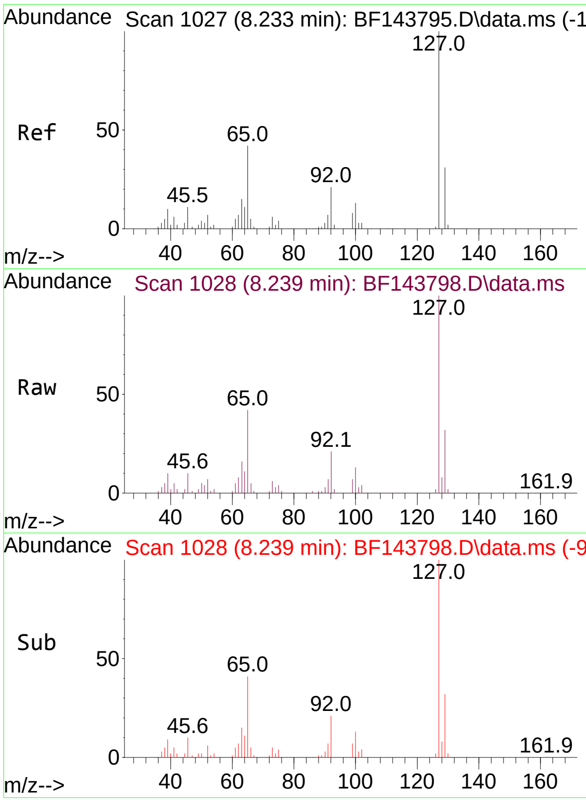
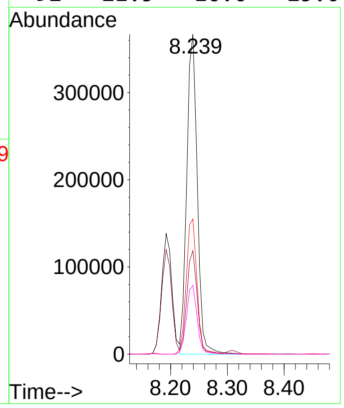
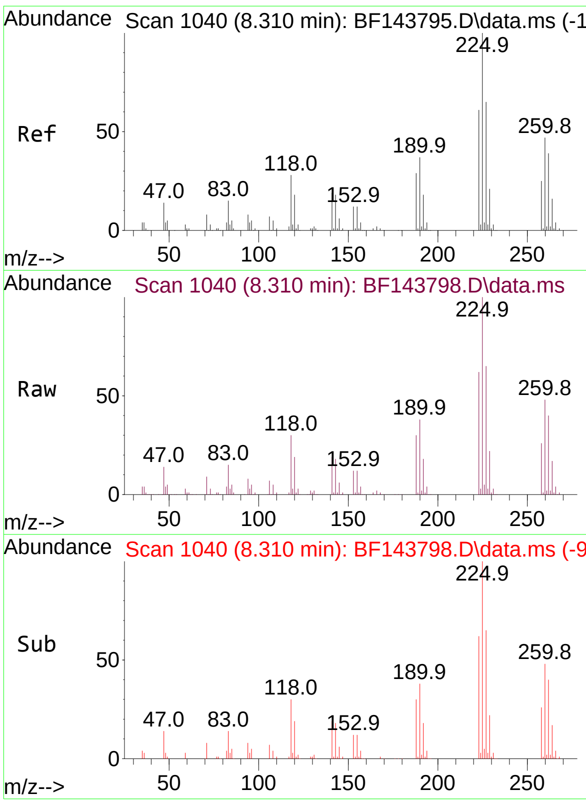


#33
4-Chloroaniline
Concen: 70.124 ng
RT: 8.239 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Tgt Ion:127 Resp: 47552

Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.4	38.2
65	42.2	33.4	50.2
92	21.5	16.6	25.0

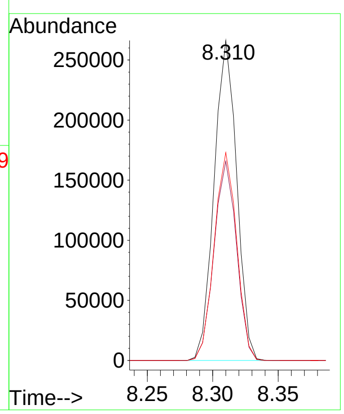




#34
Hexachlorobutadiene
Concen: 73.390 ng
RT: 8.310 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Tgt Ion:225 Resp: 320435

Ion	Ratio	Lower	Upper
225	100		
223	62.2	48.6	72.8
227	65.0	51.9	77.9



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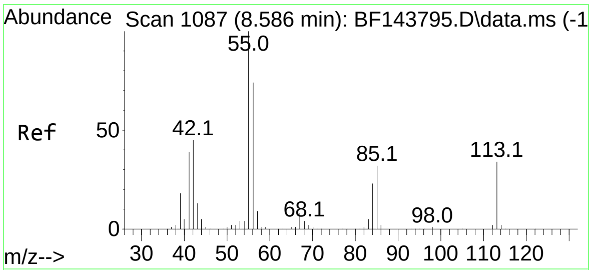
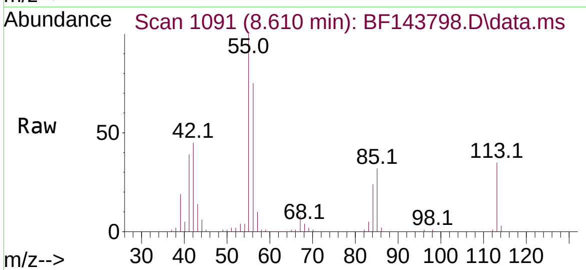
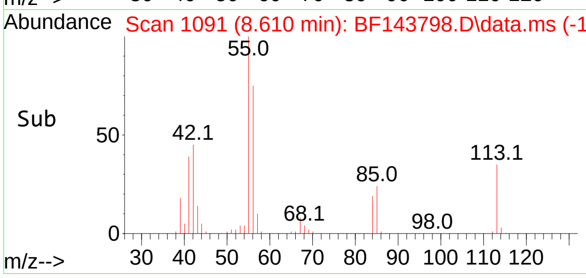


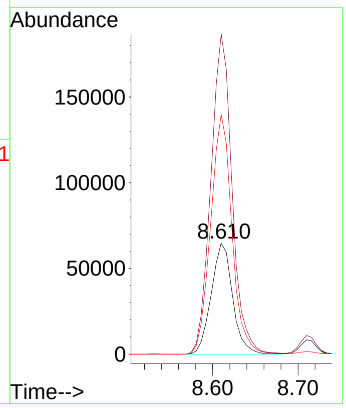




#35
Caprolactam
Concen: 78.007 ng
RT: 8.610 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Tgt Ion:113 Resp: 11252

Ion	Ratio	Lower	Upper
113	100		
55	288.2	271.7	311.7
56	215.8	194.5	234.5



Instrument :
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ClientSampleId :
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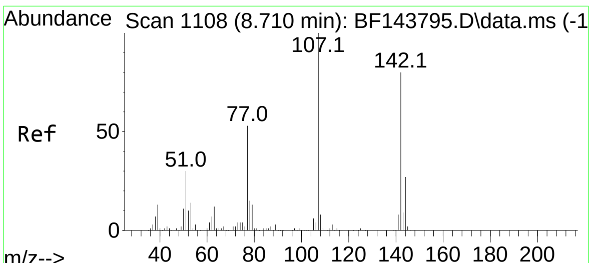
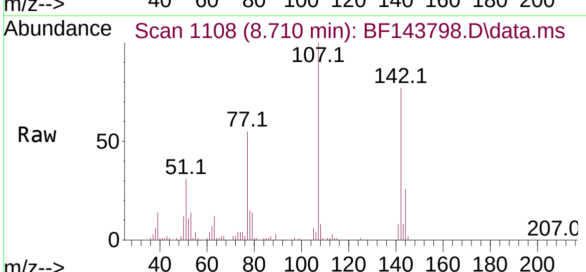
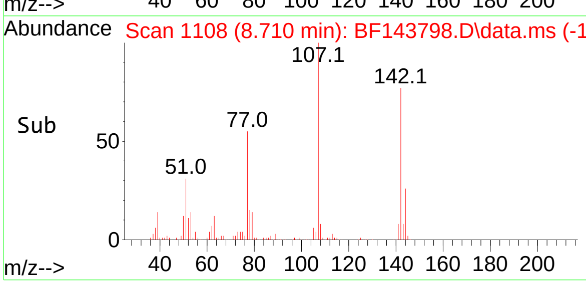


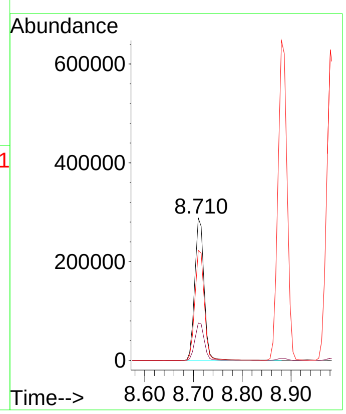


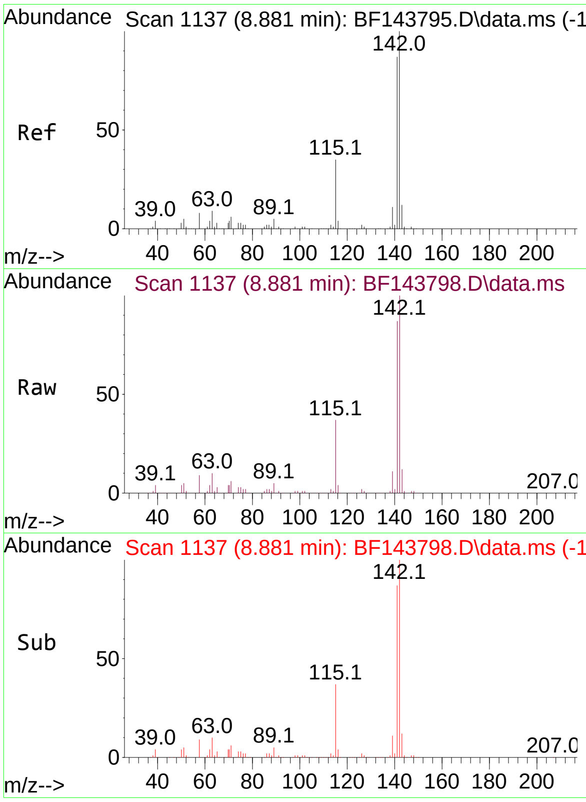


#36
4-Chloro-3-methylphenol
Concen: 72.398 ng
RT: 8.710 min Scan# 1108
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Tgt Ion:107 Resp: 383212

Ion	Ratio	Lower	Upper
107	100		
144	26.3	21.8	32.8
142	77.3	63.6	95.4





#37
2-Methylnaphthalene
Concen: 68.255 ng
RT: 8.881 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Tgt Ion:142 Resp: 83984

Ion	Ratio	Lower	Upper
142	100		
141	87.1	69.4	104.0

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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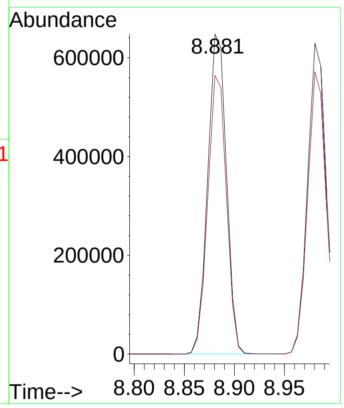

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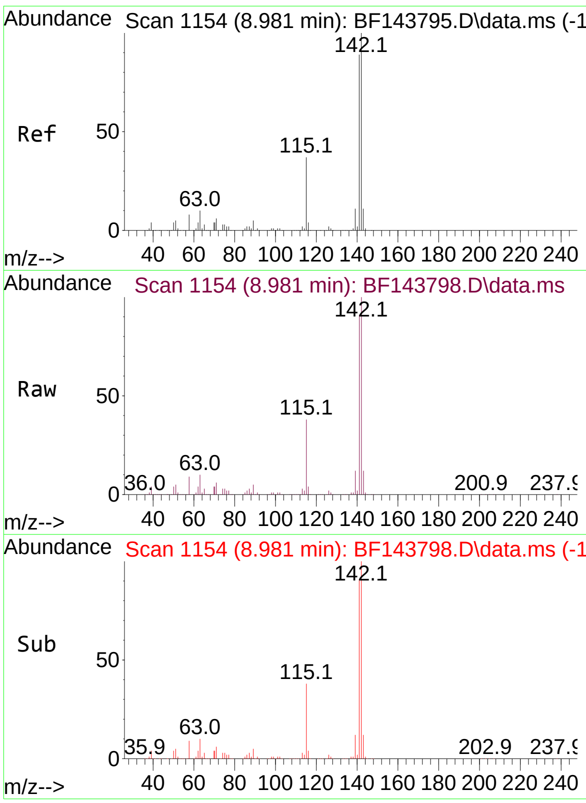
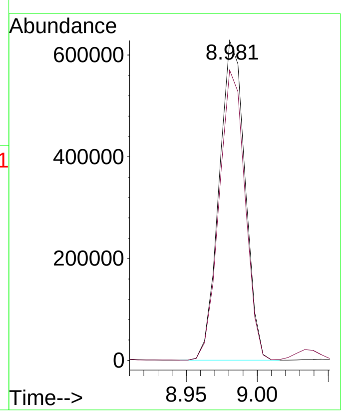
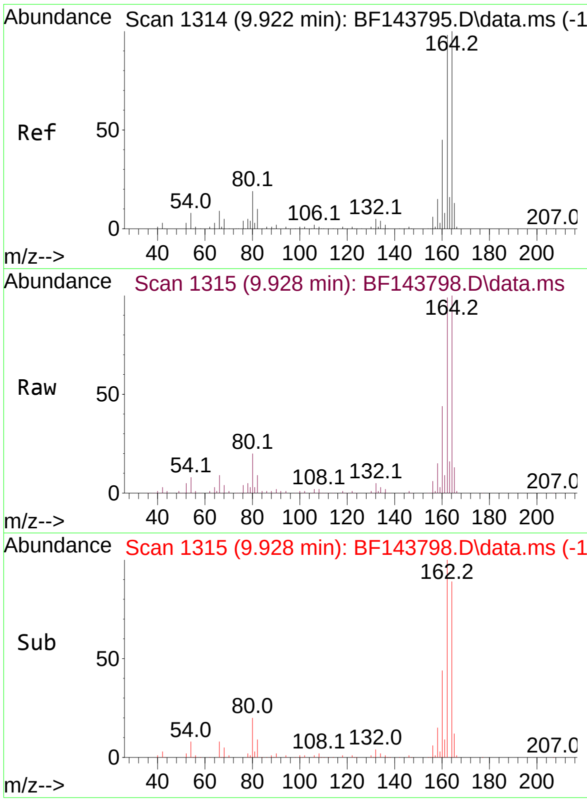


#38
1-Methylnaphthalene
Concen: 67.842 ng
RT: 8.981 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Tgt Ion:142 Resp: 799000

Ion	Ratio	Lower	Upper
142	100		
141	90.7	71.1	106.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1
Delta R.T. -0.001 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Tgt Ion:164 Resp: 19104

Ion	Ratio	Lower	Upper
164	100		
162	99.1	78.8	118.2
160	43.8	35.8	53.6

Instrument :
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ClientSampleId :
SSTDICC080

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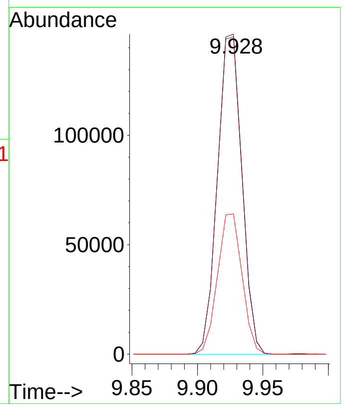
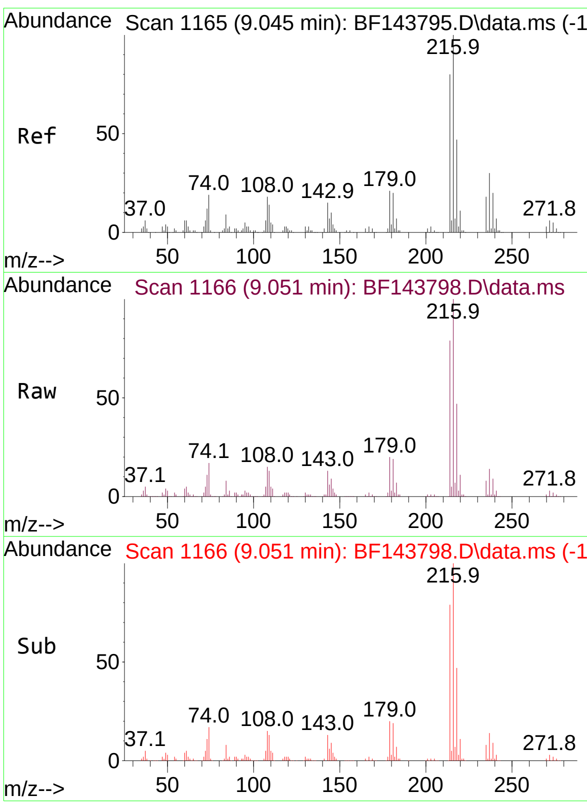
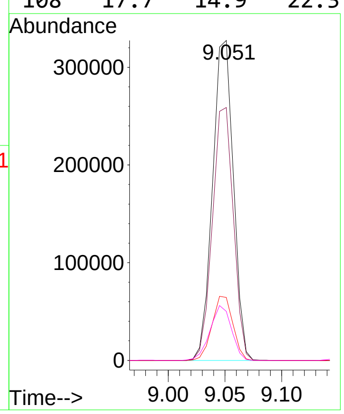




#40
1,2,4,5-Tetrachlorobenzene
Concen: 72.811 ng
RT: 9.051 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Tgt Ion:216 Resp: 419788

Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.7	95.5
179	20.0	16.5	24.7
108	17.7	14.9	22.3



Instrument : BNA_F
ClientSampleId : SSTDICC080

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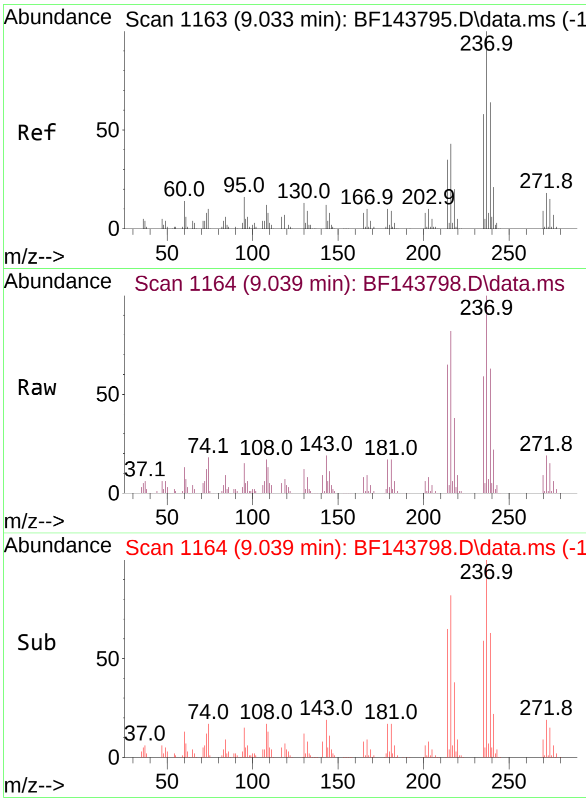
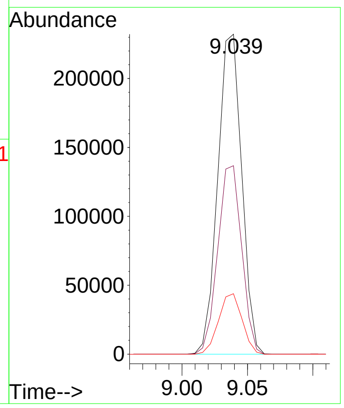
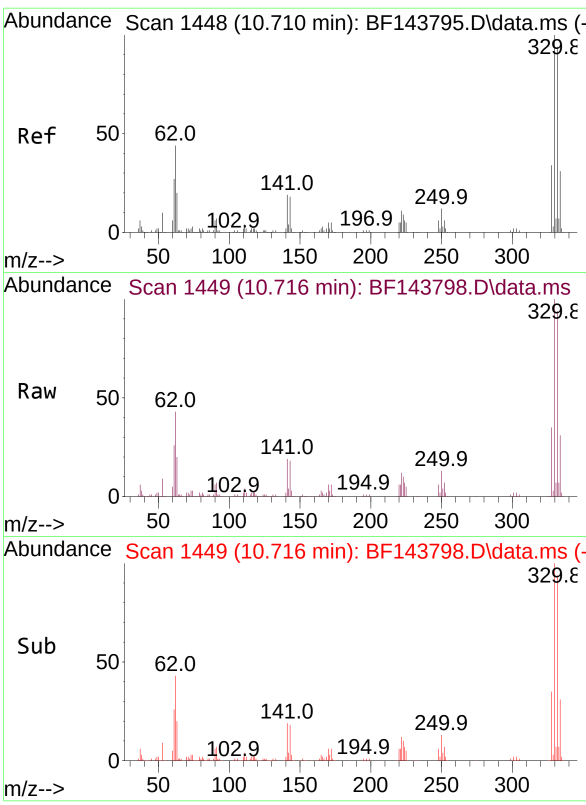


#41
Hexachlorocyclopentadiene
Concen: 80.945 ng
RT: 9.039 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Tgt Ion:237 Resp: 29577

Ion	Ratio	Lower	Upper
237	100		
235	58.9	38.1	78.1
272	18.9	0.0	37.9

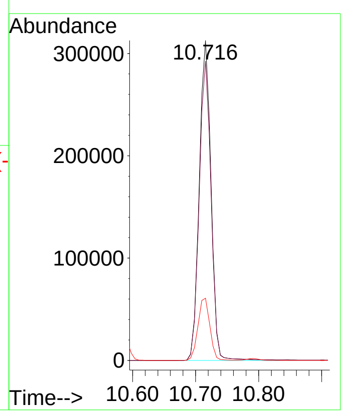


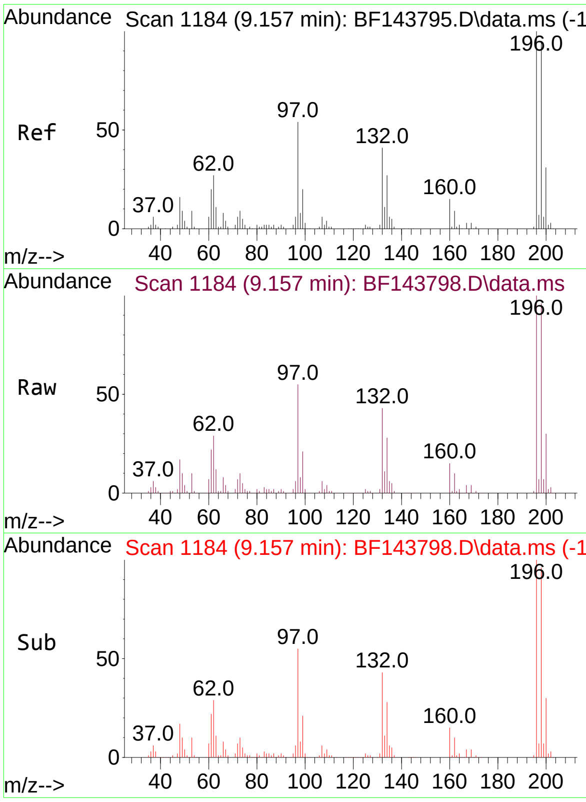


#42
2,4,6-Tribromophenol
Concen: 149.081 ng
RT: 10.716 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Tgt Ion:330 Resp: 406469

Ion	Ratio	Lower	Upper
330	100		
332	94.3	74.7	112.1
141	19.7	14.3	21.5

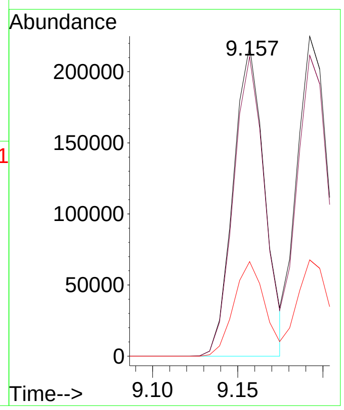




#43
2,4,6-Trichlorophenol
Concen: 77.279 ng
RT: 9.157 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Tgt Ion:196 Resp: 27898

Ion	Ratio	Lower	Upper
196	100		
198	96.3	76.2	114.2
200	30.4	24.7	37.1



Instrument :
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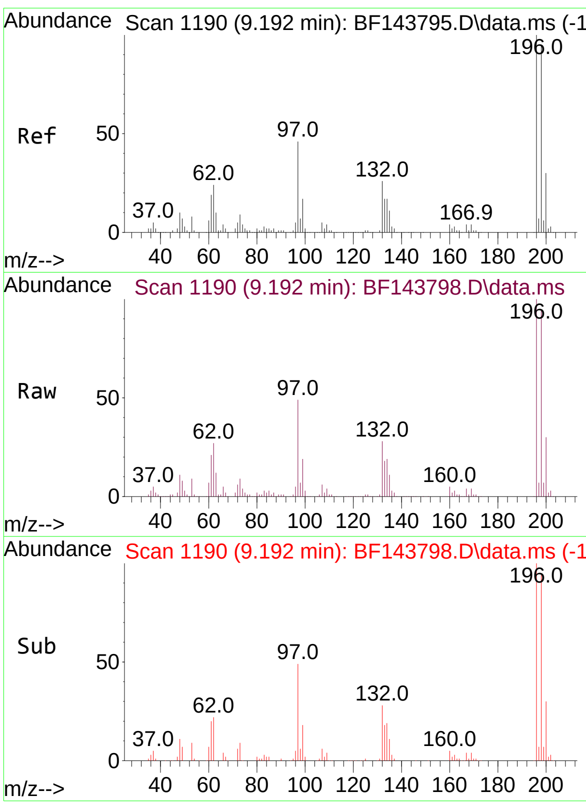
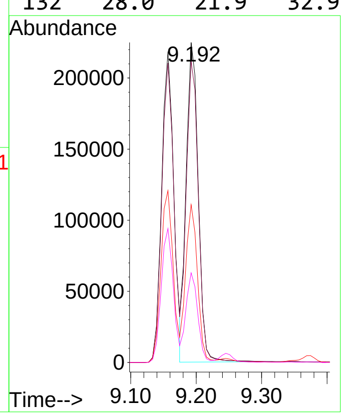
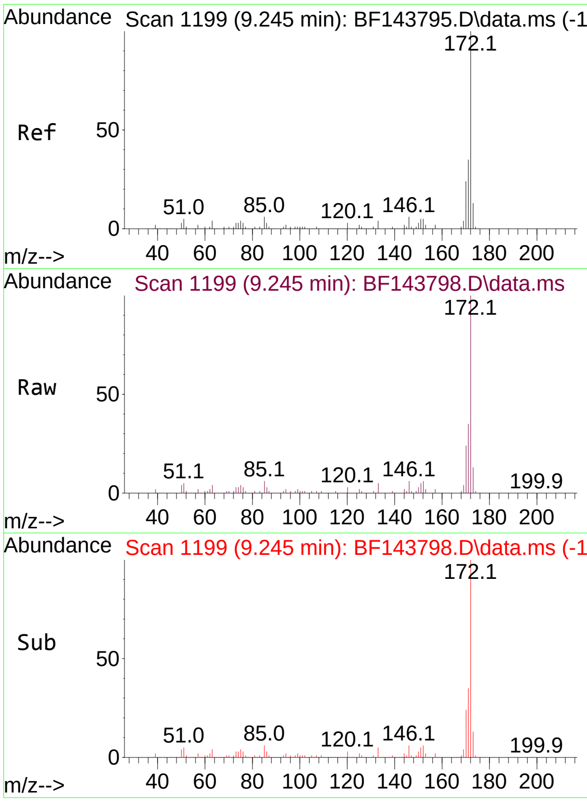


#44
2,4,5-Trichlorophenol
Concen: 77.179 ng
RT: 9.192 min Scan# 1190
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Tgt Ion:196 Resp: 291440

Ion	Ratio	Lower	Upper
196	100		
198	94.0	75.9	113.9
97	49.3	38.3	57.5
132	28.0	21.9	32.9





#45
2-Fluorobiphenyl
Concen: 129.595 ng
RT: 9.245 min   Scan# 11
Delta R.T.   0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025   15:27

Tgt Ion:172 Resp: 167540

Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.9	41.9
170	24.0	19.1	28.7

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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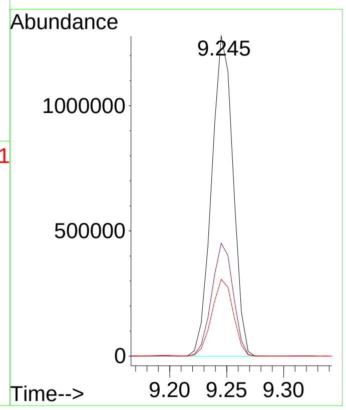

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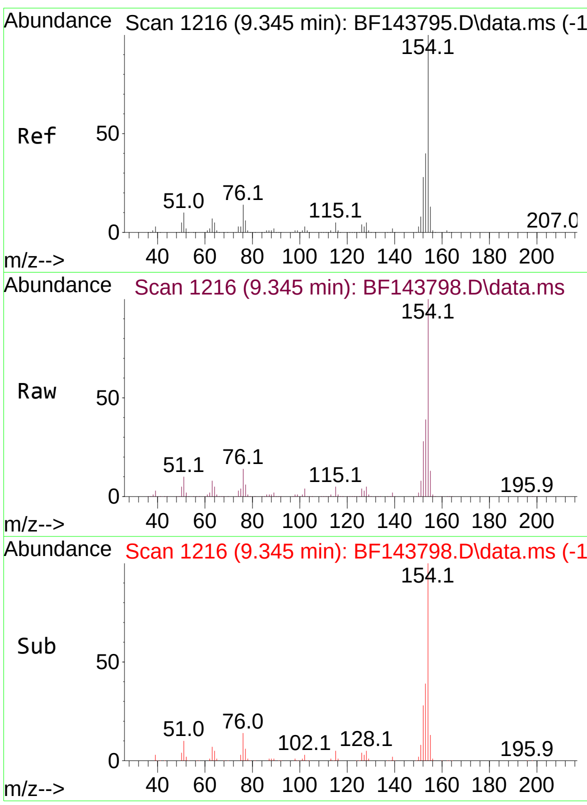
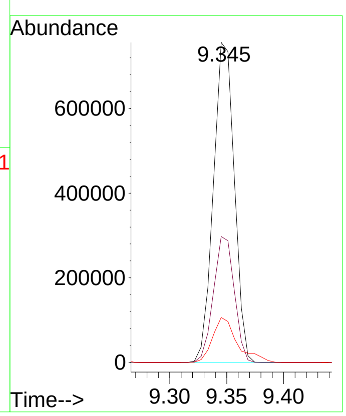


#46
1,1'-Biphenyl
Concen: 70.127 ng
RT: 9.345 min   Scan# 1216
Delta R.T.   0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025   15:27

Tgt Ion:154 Resp: 969811

Ion	Ratio	Lower	Upper
154	100		
153	39.3	19.7	59.7
76	14.0	0.0	33.8



Instrument :
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ClientSampleId :
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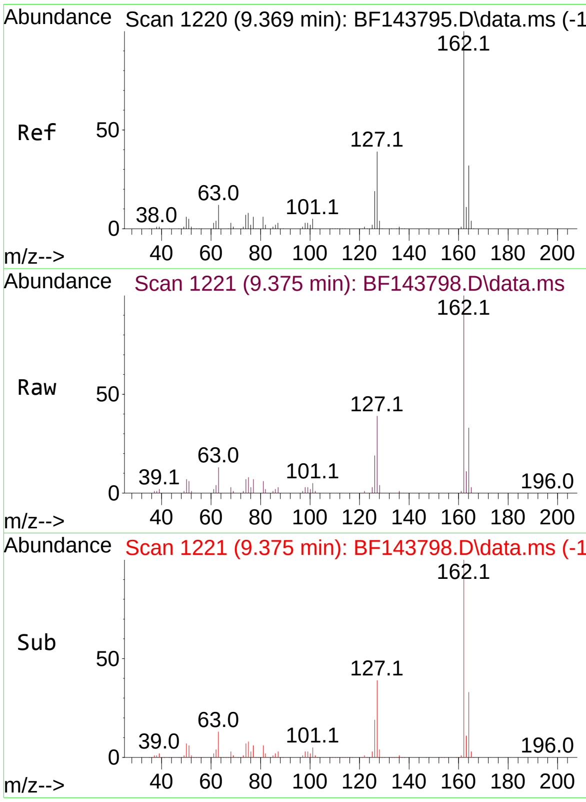
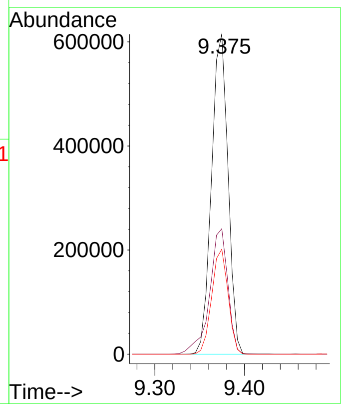
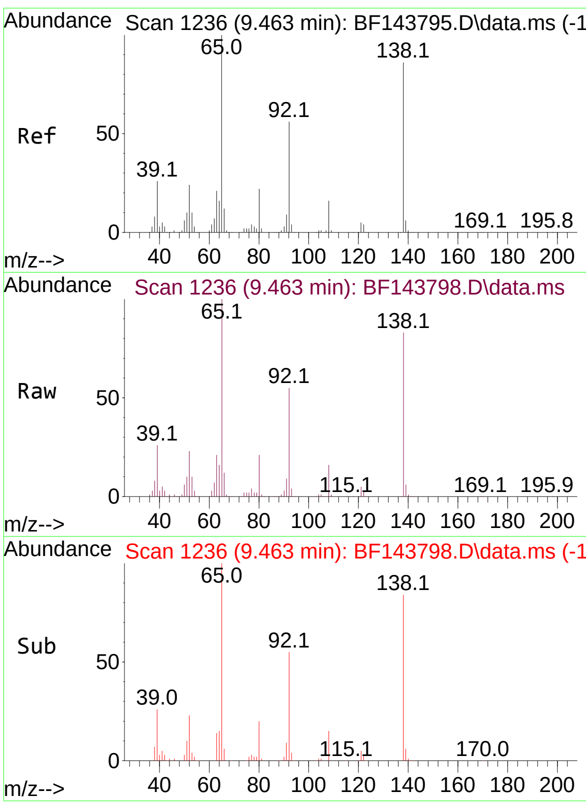


#47
2-Chloronaphthalene
Concen: 71.150 ng
RT: 9.375 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Tgt Ion:162 Resp: 79204

Ion	Ratio	Lower	Upper
162	100		
127	39.2	31.5	47.3
164	32.8	25.9	38.9

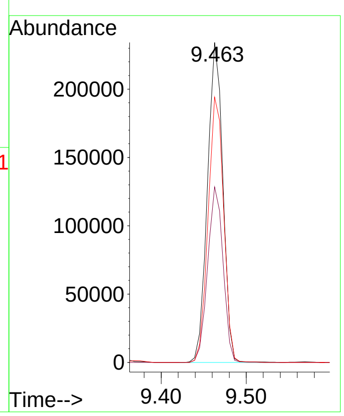




#48
2-Nitroaniline
Concen: 87.616 ng
RT: 9.463 min Scan# 1236
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Tgt Ion: 65 Resp: 294783

Ion	Ratio	Lower	Upper
65	100		
92	54.8	44.9	67.3
138	82.9	69.0	103.4



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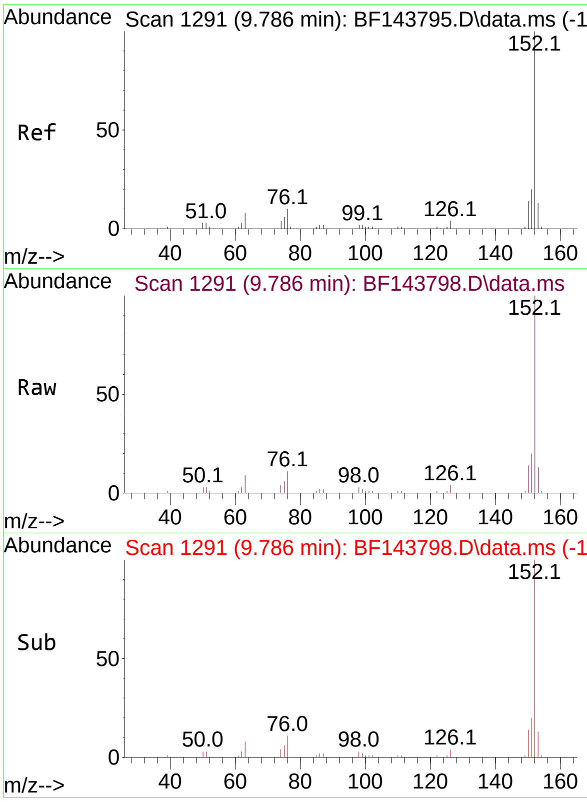

#49
Acenaphthylene
Concen: 71.813 ng
RT: 9.786 min   Scan# 12
Delta R.T.   0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025   15:27

Tgt Ion:152 Resp: 110052

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.7	23.5
153	13.3	10.6	15.8

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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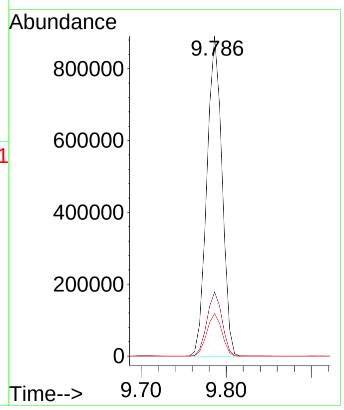

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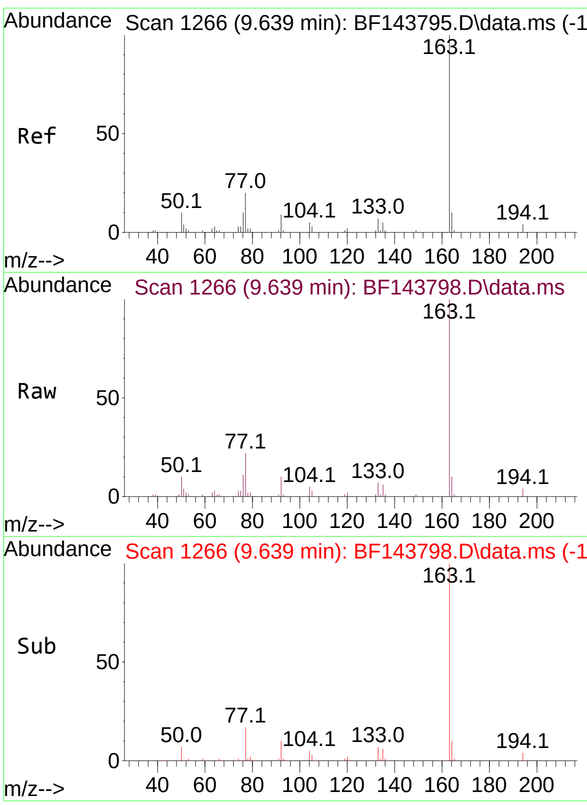
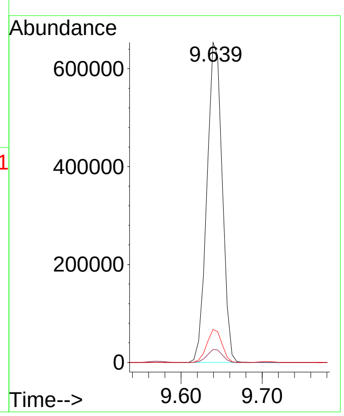


#50
Dimethylphthalate
Concen: 73.652 ng
RT: 9.639 min   Scan# 1266
Delta R.T.   0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025   15:27

Tgt Ion:163 Resp: 857631

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	10.3	8.2	12.2



Instrument :
BNA_F
ClientSampleId :
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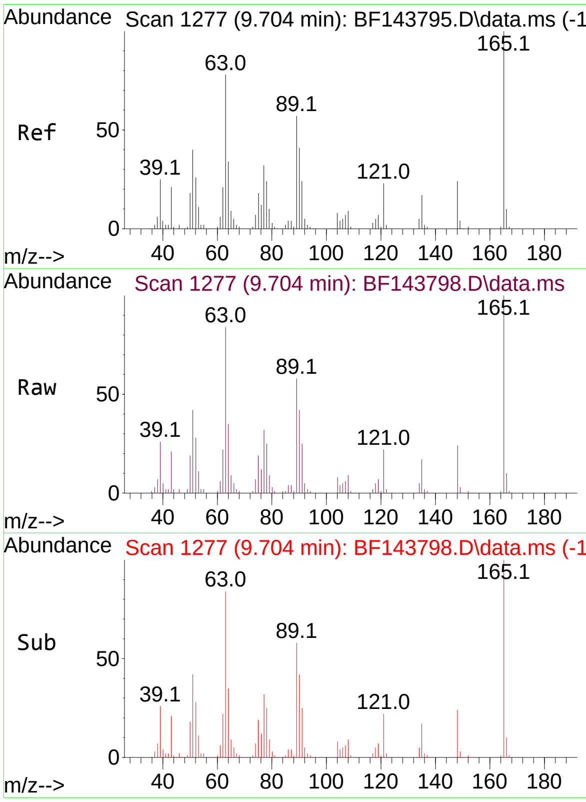
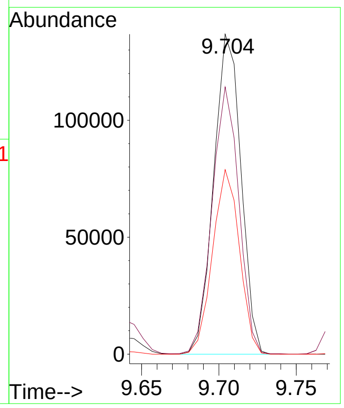
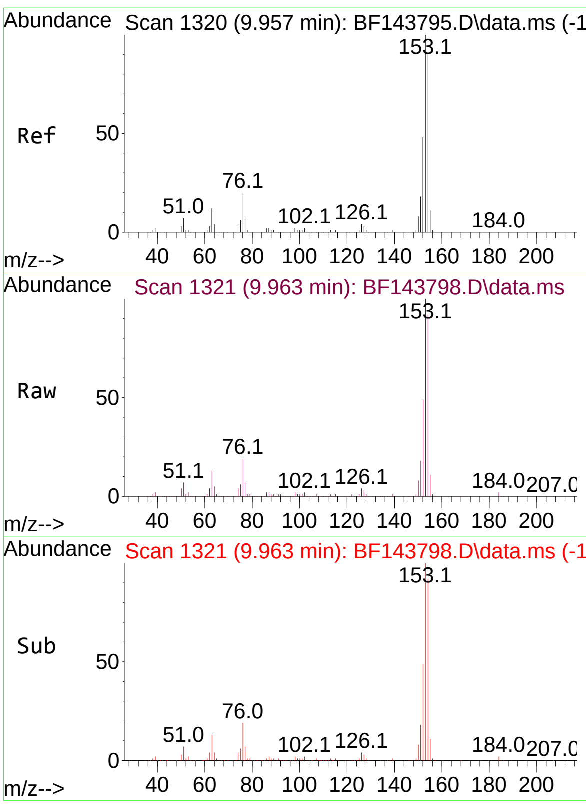


#51
2,6-Dinitrotoluene
Concen: 88.265 ng
RT: 9.704 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Tgt Ion:165 Resp: 16886

Ion	Ratio	Lower	Upper
165	100		
63	83.5	62.6	94.0
89	57.6	45.2	67.8

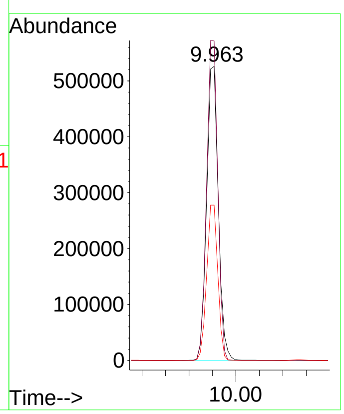


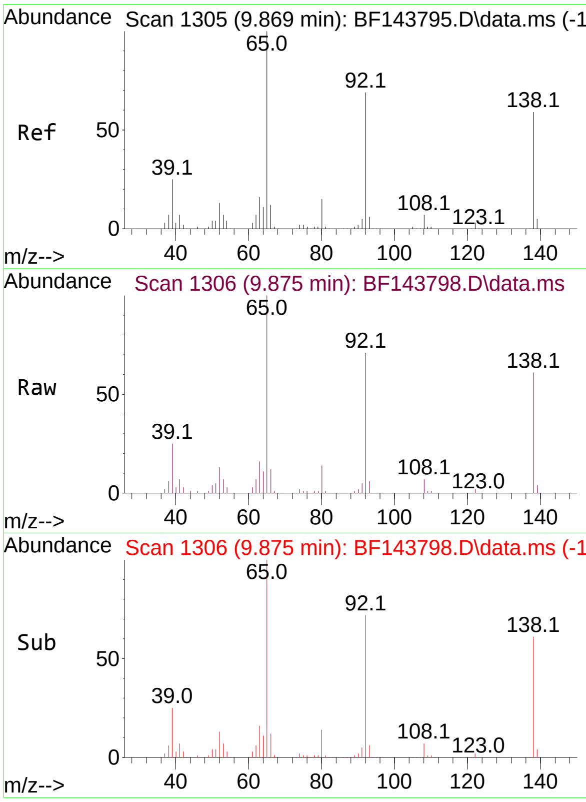


#52
Acenaphthene
Concen: 72.181 ng
RT: 9.963 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Tgt Ion:154 Resp: 727931

Ion	Ratio	Lower	Upper
154	100		
153	108.6	88.7	133.1
152	52.8	42.7	64.1





#53
3-Nitroaniline
Concen: 87.079 ng
RT: 9.875 min Scan# 13
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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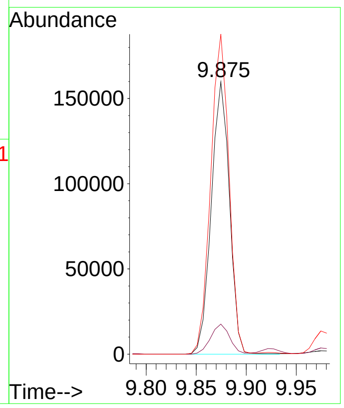
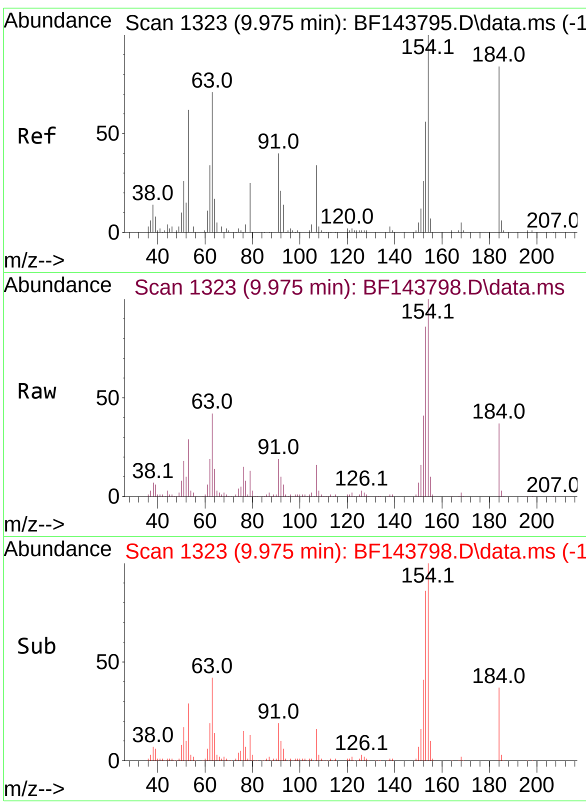
Tgt Ion:138 Resp: 201936

Ion	Ratio	Lower	Upper
138	100		
108	11.0	9.9	14.9
92	117.5	93.5	140.3

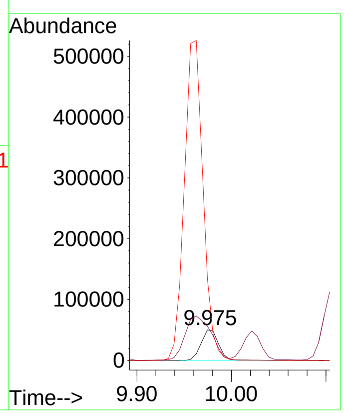




#54
2,4-Dinitrophenol
Concen: 79.097 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Tgt Ion:184 Resp: 64545

Ion	Ratio	Lower	Upper
184	100		
63	112.2	84.6	127.0
154	267.8	199.3	298.9



Instrument :
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ClientSampleId :
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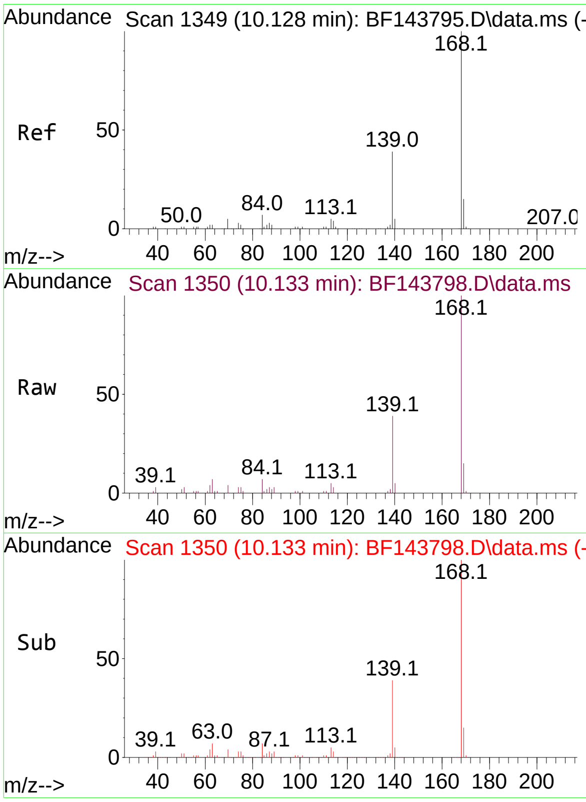
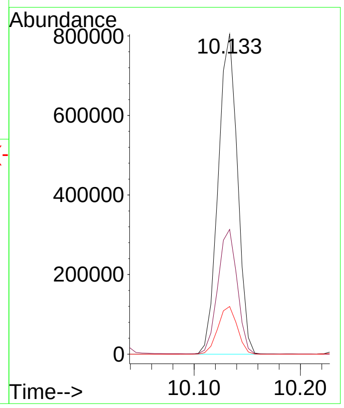
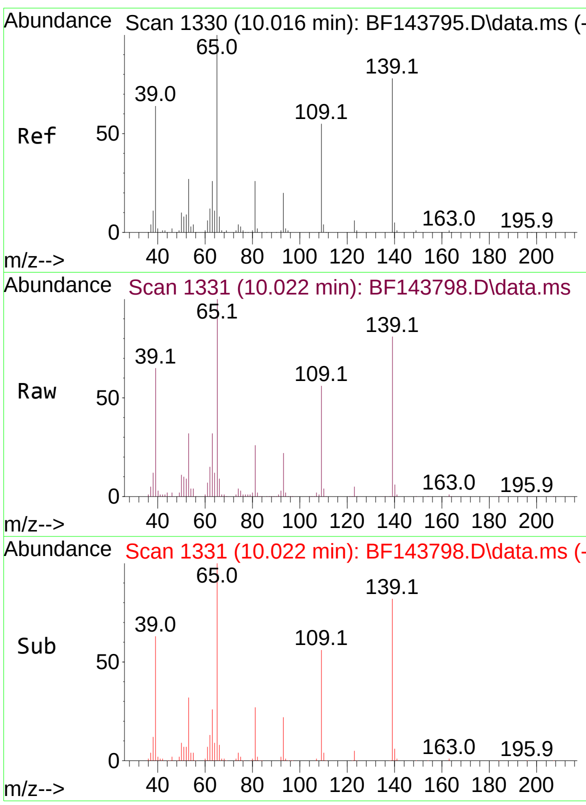


#55
Dibenzofuran
Concen: 71.219 ng
RT: 10.133 min Scan# 13
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Tgt Ion:168 Resp: 1015631

Ion	Ratio	Lower	Upper
168	100		
139	39.0	31.0	46.6
169	14.9	11.9	17.9

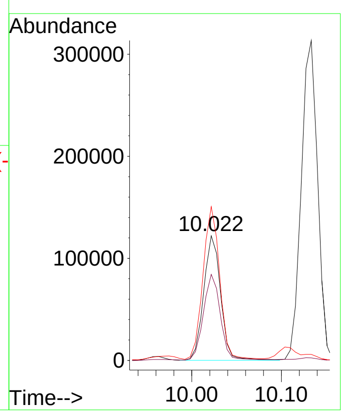




#56
4-Nitrophenol
Concen: 85.785 ng
RT: 10.022 min Scan# 1331
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Tgt Ion:139 Resp: 160308

Ion	Ratio	Lower	Upper
139	100		
109	69.0	50.2	90.2
65	123.4	109.2	149.2

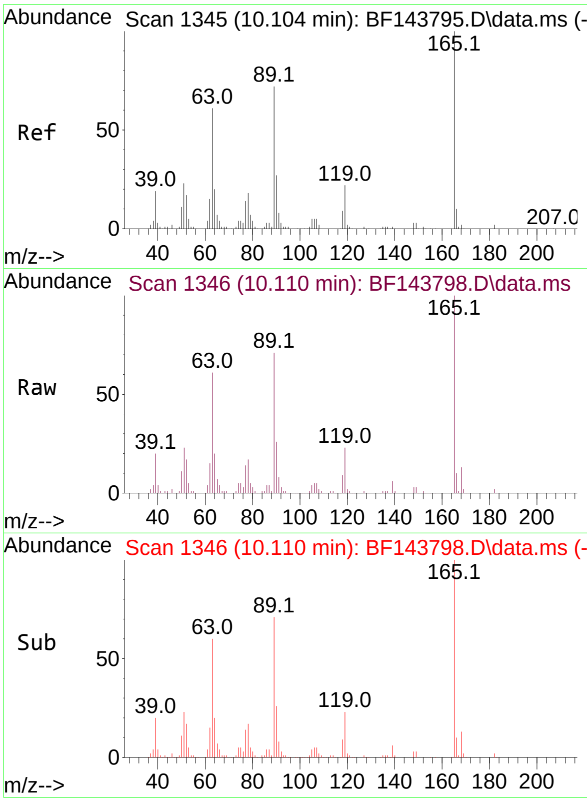


1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

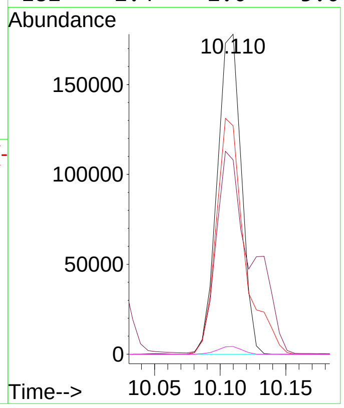
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

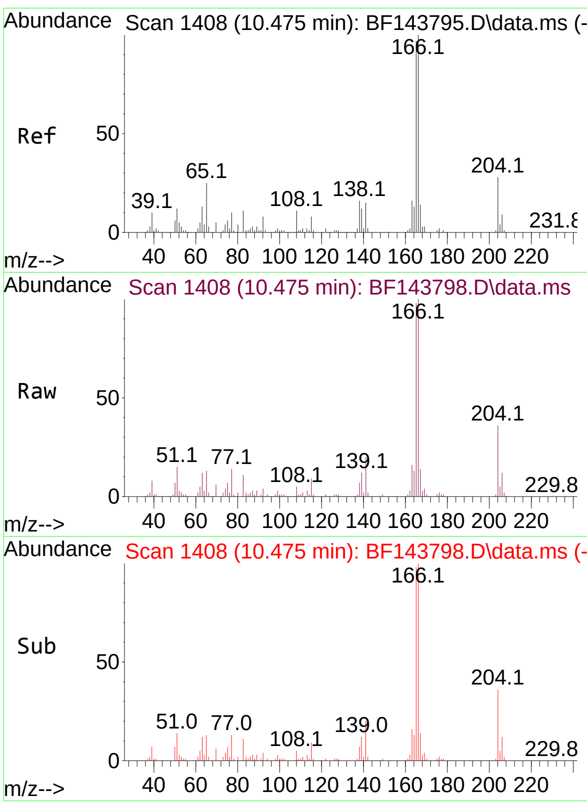


#57
2,4-Dinitrotoluene
Concen: 78.669 ng
RT: 10.110 min Scan# 13
Delta R.T. -0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Tgt Ion:165 Resp: 229035

Ion	Ratio	Lower	Upper
165	100		
63	60.7	48.9	73.3
89	71.3	57.5	86.3
182	2.4	2.0	3.0

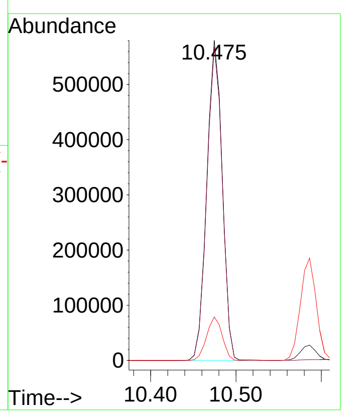


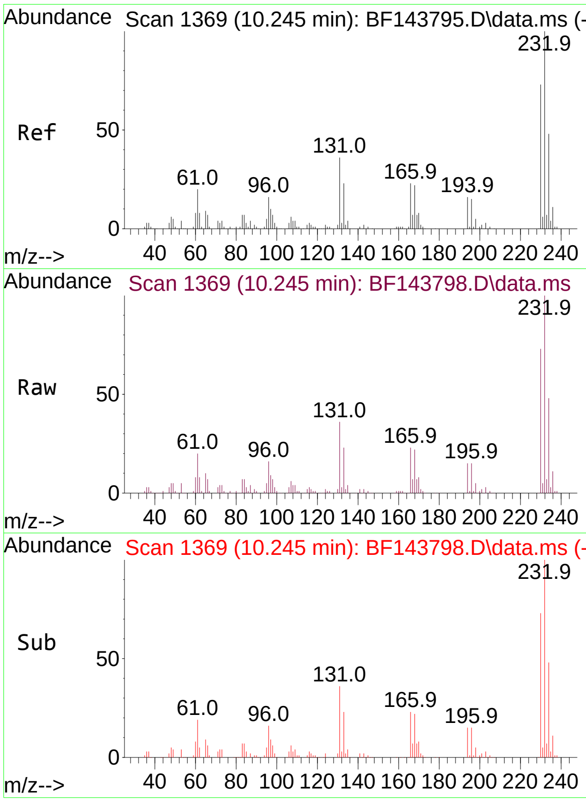


#58
Fluorene
Concen: 68.947 ng
RT: 10.475 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Tgt Ion:166 Resp: 730945

Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.0	117.0
167	13.6	10.9	16.3

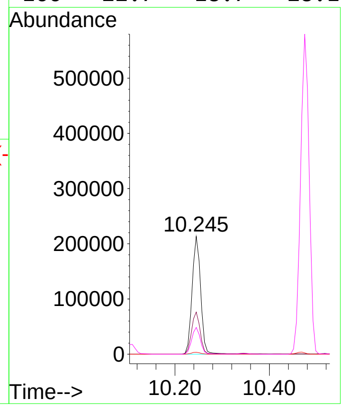




#59
2,3,4,6-Tetrachlorophenol
Concen: 83.157 ng
RT: 10.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Tgt Ion:232 Resp: 26900

Ion	Ratio	Lower	Upper
232	100		
131	35.7	29.4	44.2
130	1.6	1.3	1.9
166	22.7	18.7	28.1



Instrument :
BNA_F
ClientSampleId :
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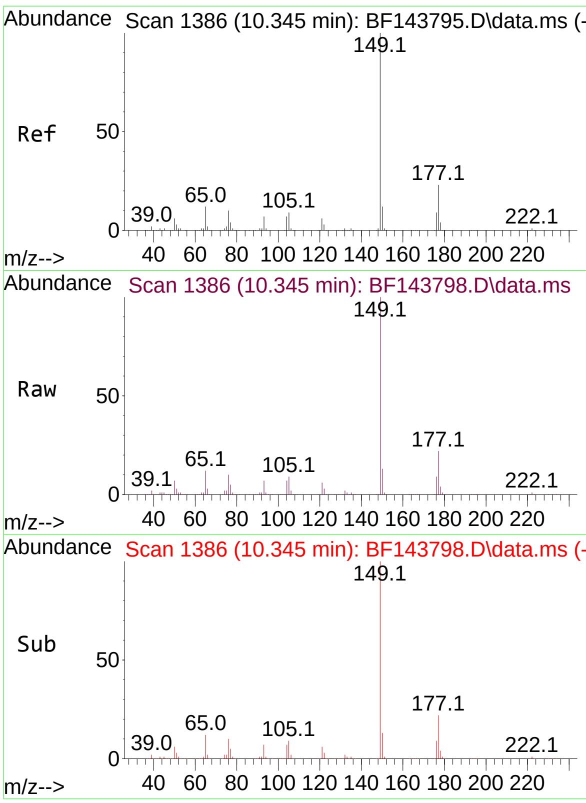
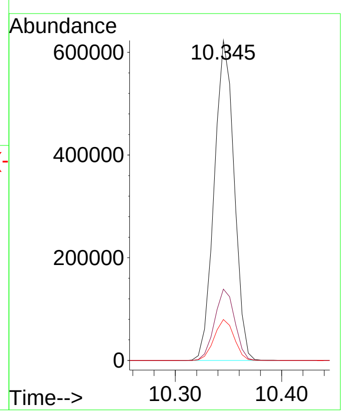
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

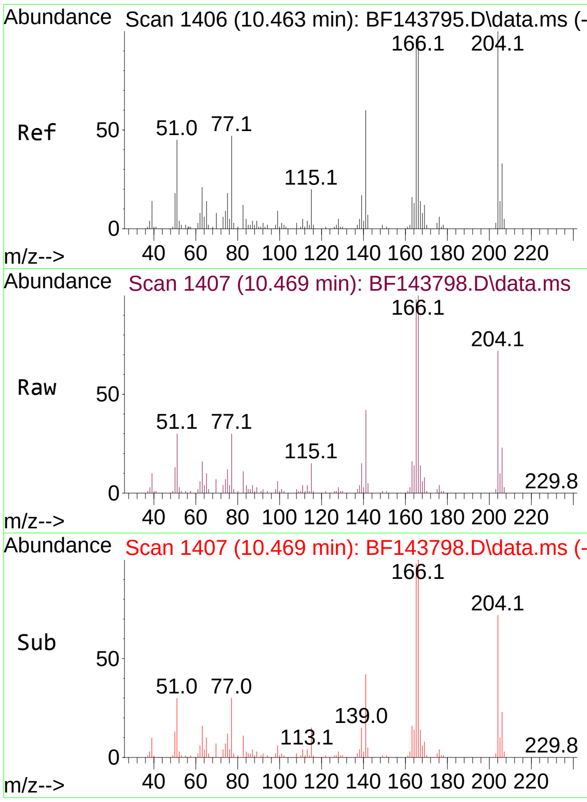


#60
Diethylphthalate
Concen: 74.753 ng
RT: 10.345 min Scan# 1386
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Tgt Ion:149 Resp: 814823

Ion	Ratio	Lower	Upper
149	100		
177	22.3	18.1	27.1
150	12.8	9.7	14.5





#61
4-Chlorophenyl-phenylether
Concen: 71.259 ng
RT: 10.469 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:204 Resp: 38493

Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.7	40.1
141	57.7	48.2	72.2

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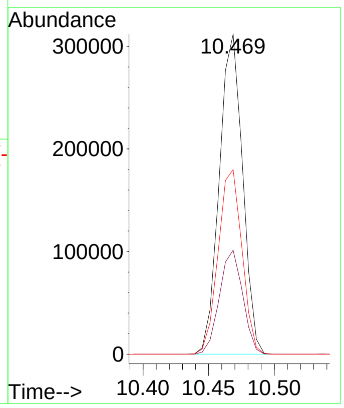
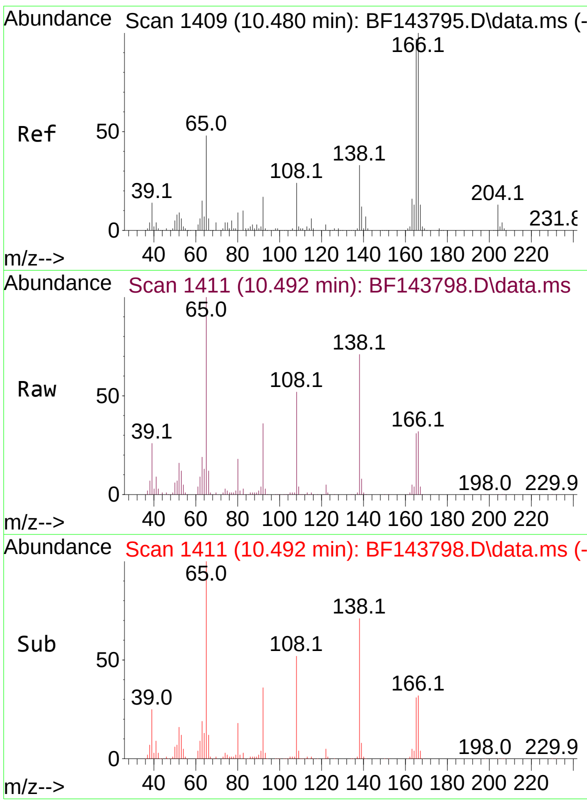
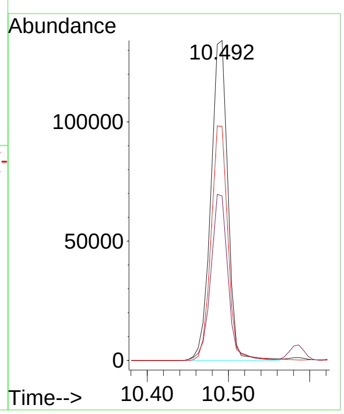




#62
4-Nitroaniline
Concen: 89.434 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Tgt Ion:138 Resp: 195008

Ion	Ratio	Lower	Upper
138	100		
92	51.4	31.5	71.5
108	73.1	51.9	91.9



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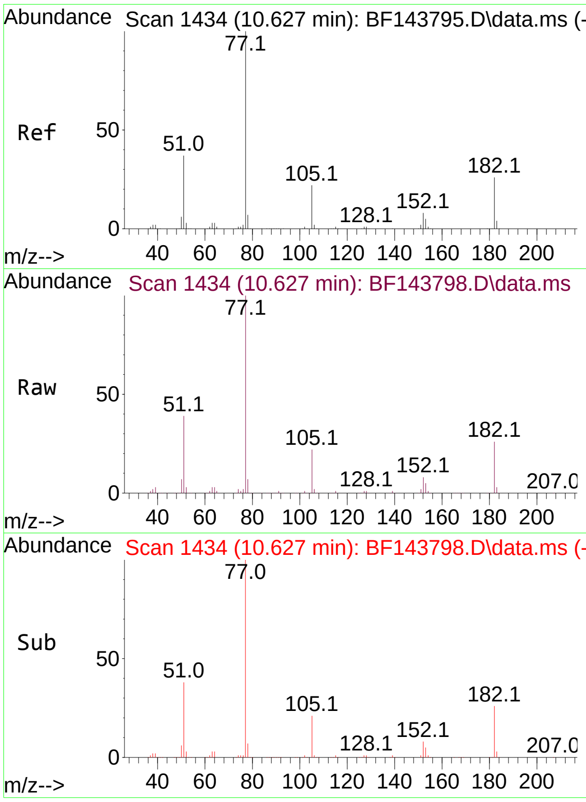

#63
Azobenzene
Concen: 73.264 ng
RT: 10.627 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 77 Resp: 84163

Ion	Ratio	Lower	Upper
77	100		
182	25.6	5.9	45.9
105	22.1	2.3	42.3
51	38.7	17.6	57.6

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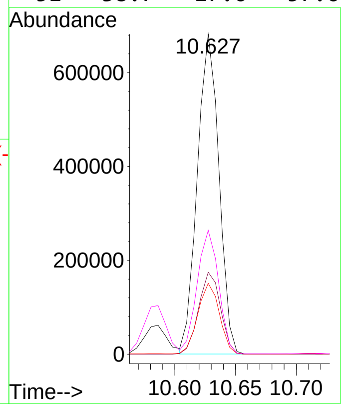
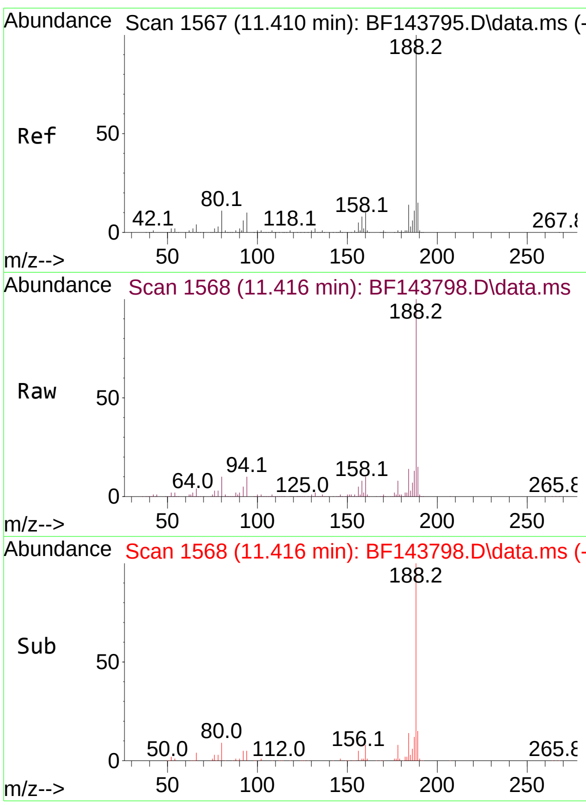
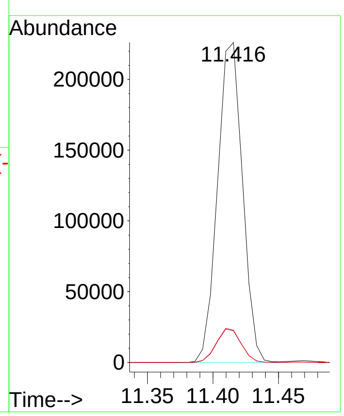




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. -0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Tgt Ion:188 Resp: 300725

Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.2	12.2
80	10.1	8.6	12.8



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

Instrument :
BNA_F
ClientSampleId :
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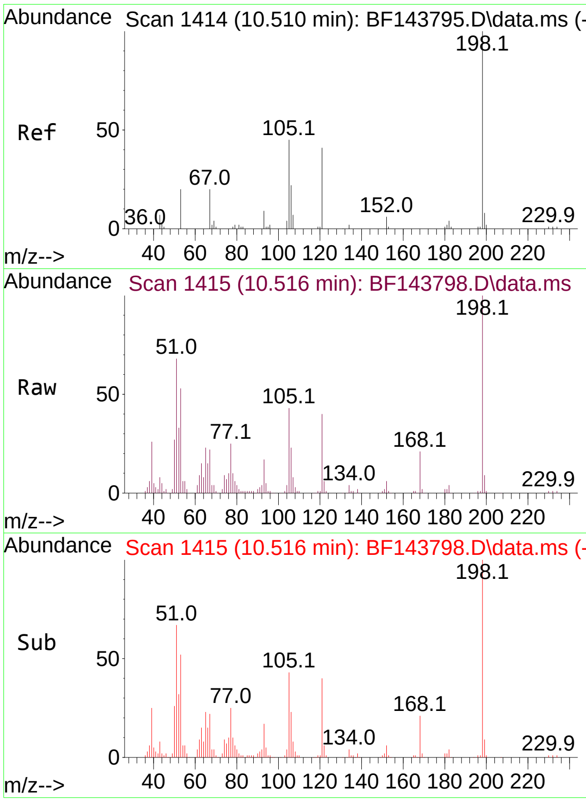
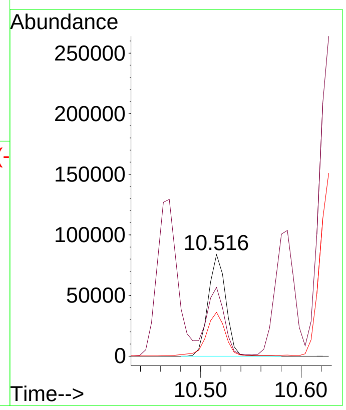
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

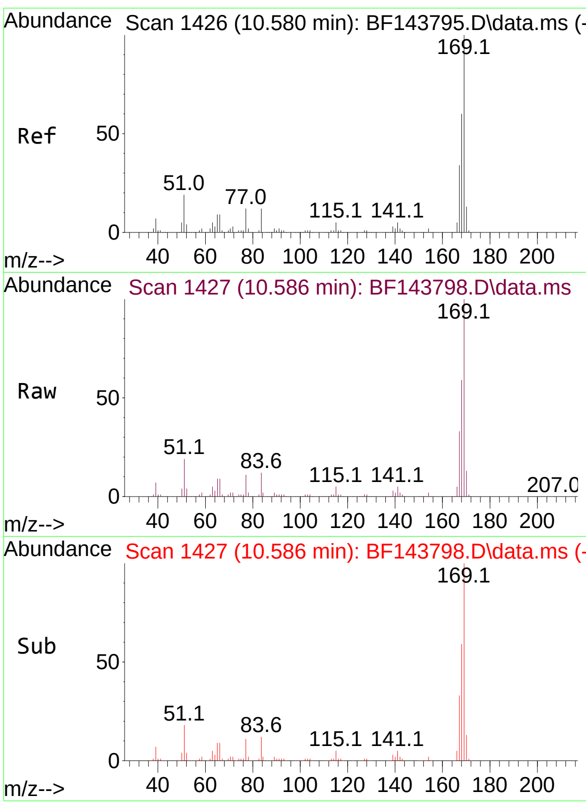


#65
4,6-Dinitro-2-methylphenol
Concen: 78.431 ng
RT: 10.516 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Tgt Ion:198 Resp: 10151

Ion	Ratio	Lower	Upper
198	100		
51	67.7	52.0	92.0
105	43.2	27.5	67.5

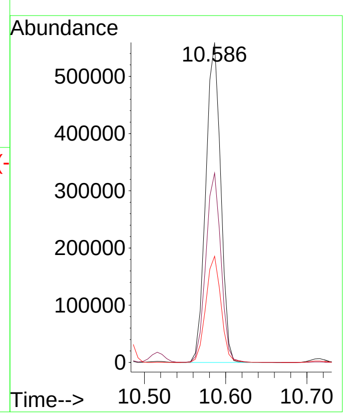


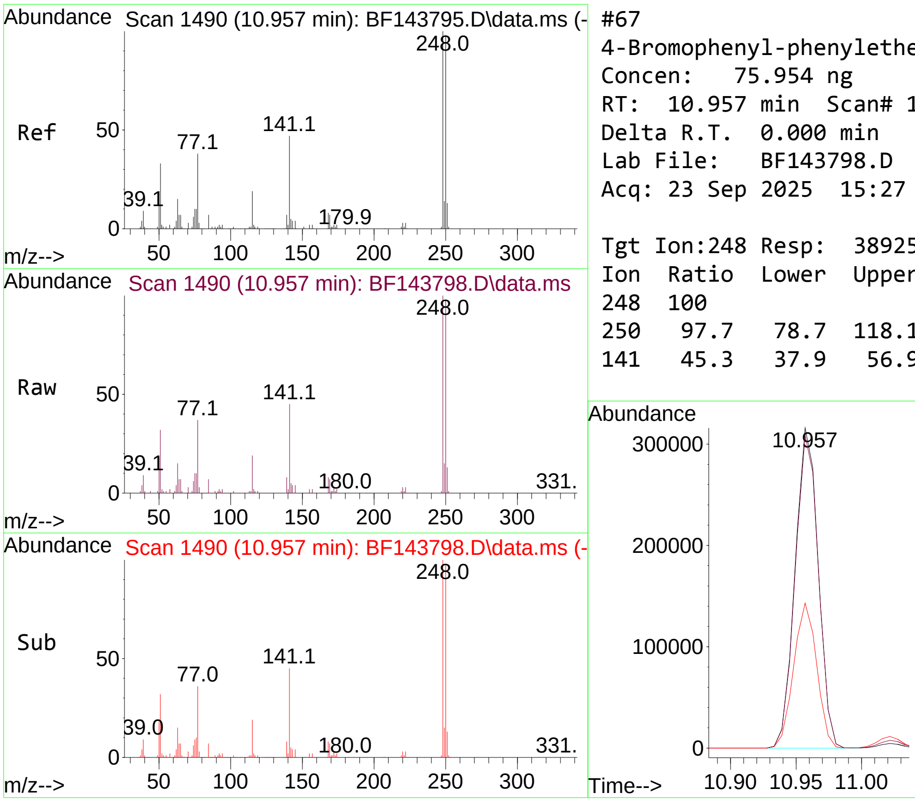


#66
n-Nitrosodiphenylamine
Concen: 72.221 ng
RT: 10.586 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Tgt Ion:169 Resp: 714258

Ion	Ratio	Lower	Upper
169	100		
168	59.2	47.9	71.9
167	33.2	27.0	40.6





#67
4-Bromophenyl-phenylether
Concen: 75.954 ng
RT: 10.957 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Tgt Ion:248 Resp: 389253

Ion	Ratio	Lower	Upper
248	100		
250	97.7	78.7	118.1
141	45.3	37.9	56.9

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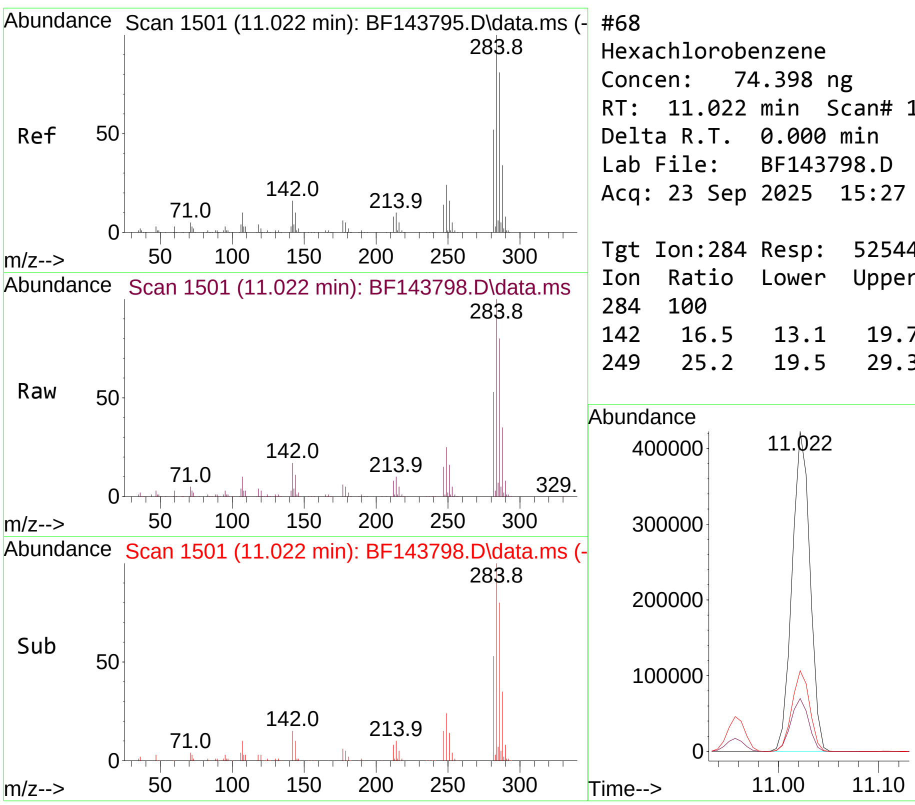
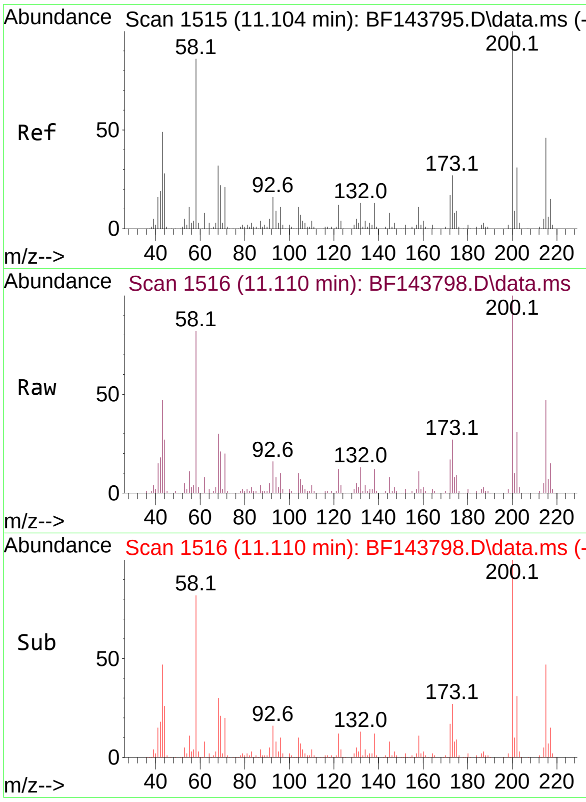
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18



#68
Hexachlorobenzene
Concen: 74.398 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Tgt Ion:284 Resp: 525440

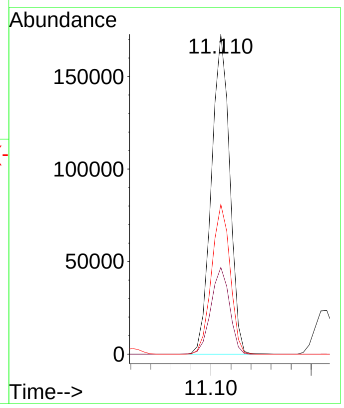
Ion	Ratio	Lower	Upper
284	100		
142	16.5	13.1	19.7
249	25.2	19.5	29.3



#69
Atrazine
Concen: 76.710 ng
RT: 11.110 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Tgt Ion:200 Resp: 21969

Ion	Ratio	Lower	Upper
200	100		
173	27.1	7.2	47.2
215	46.8	26.0	66.0



Instrument :
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ClientSampleId :
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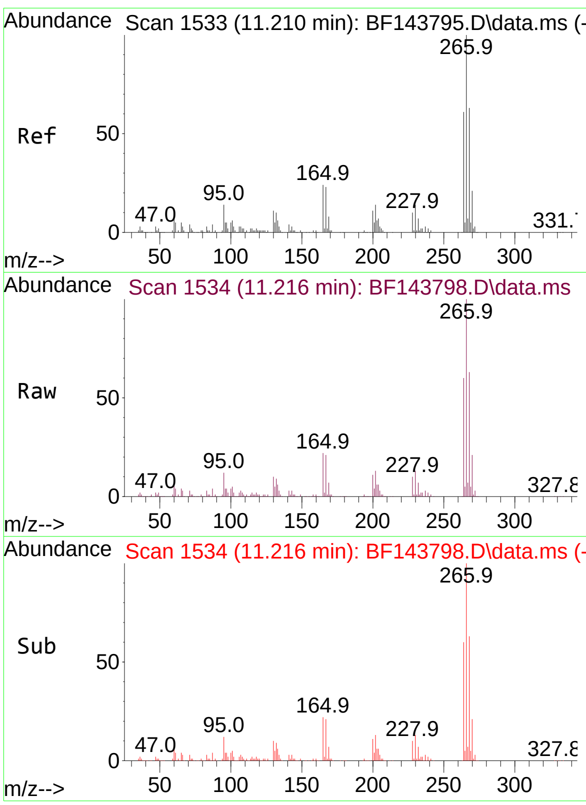
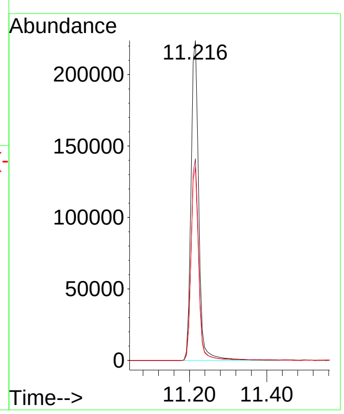


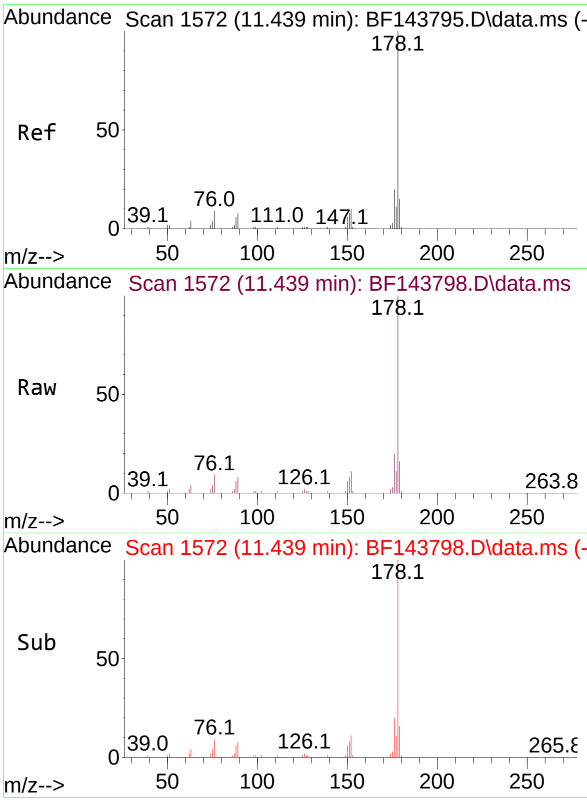
#70
Pentachlorophenol
Concen: 88.529 ng
RT: 11.216 min Scan# 1534
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Tgt Ion:266 Resp: 311232

Ion	Ratio	Lower	Upper
266	100		
268	63.0	50.5	75.7
264	60.2	48.8	73.2



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18



#71
Phenanthrene
Concen: 71.783 ng
RT: 11.439 min Scan# 15
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Tgt Ion:178 Resp: 110826

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.6	23.4
179	15.8	12.2	18.4

Instrument :
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ClientSampleId :
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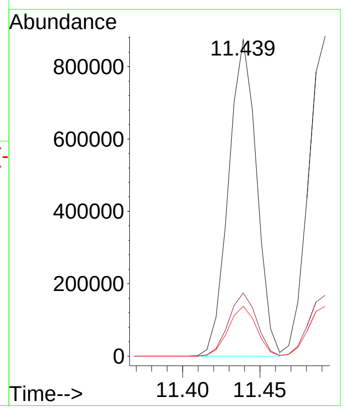
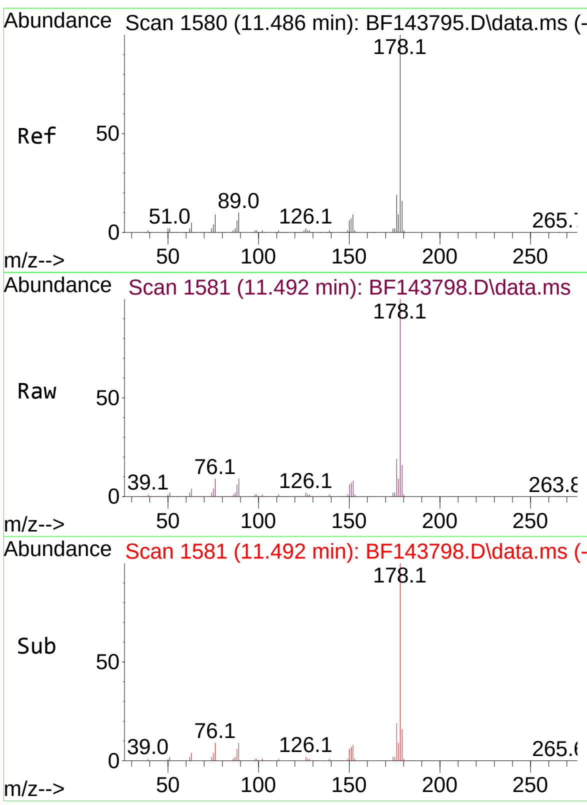
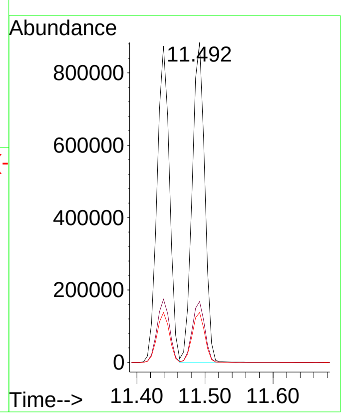


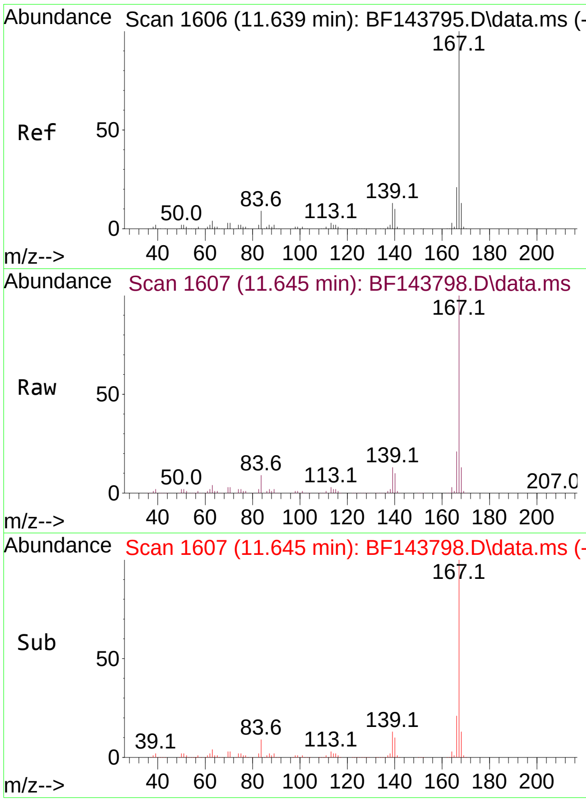


#72
Anthracene
Concen: 73.416 ng
RT: 11.492 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Tgt Ion:178 Resp: 1136970

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	15.6	12.8	19.2





#73
Carbazole
Concen: 75.229 ng
RT: 11.645 min Scan# 16
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Tgt Ion:167 Resp: 101862

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.0	25.4
139	13.3	10.6	15.8

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ClientSampleId :
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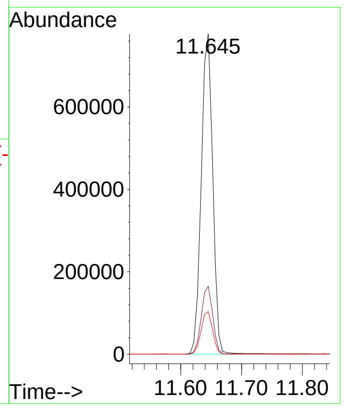
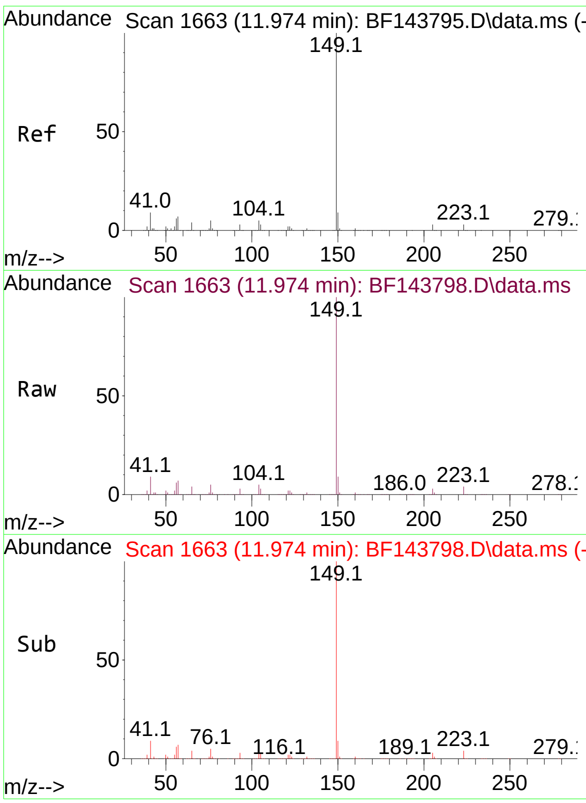
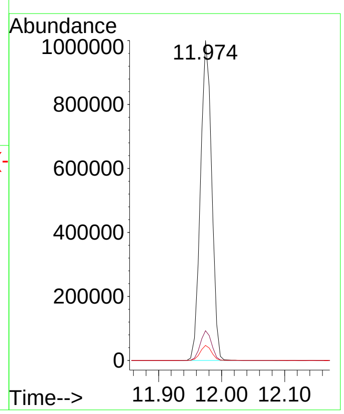


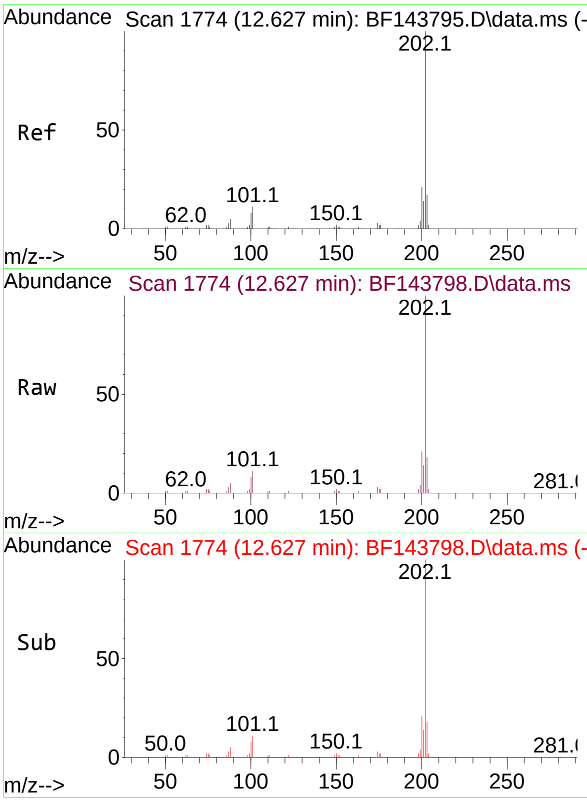


#74
Di-n-butylphthalate
Concen: 79.613 ng
RT: 11.974 min Scan# 1663
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Tgt Ion:149 Resp: 1239778

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.3	10.9
104	4.7	3.6	5.4

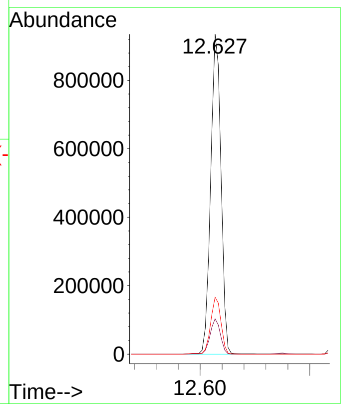




#75
Fluoranthene
Concen: 78.389 ng
RT: 12.627 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Tgt Ion:202 Resp: 121724

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	31.1
203	17.8	0.0	37.4



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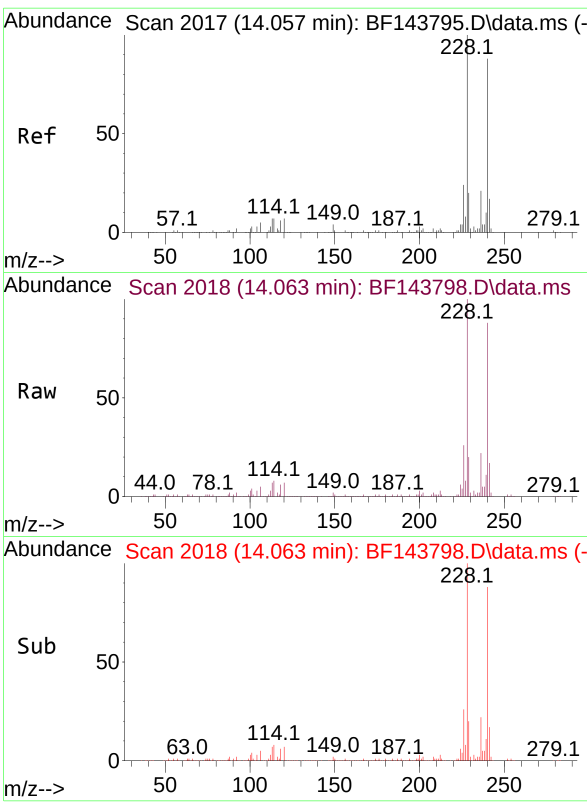
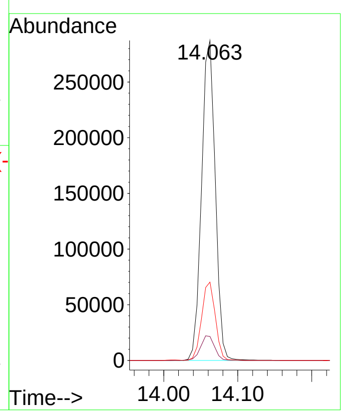
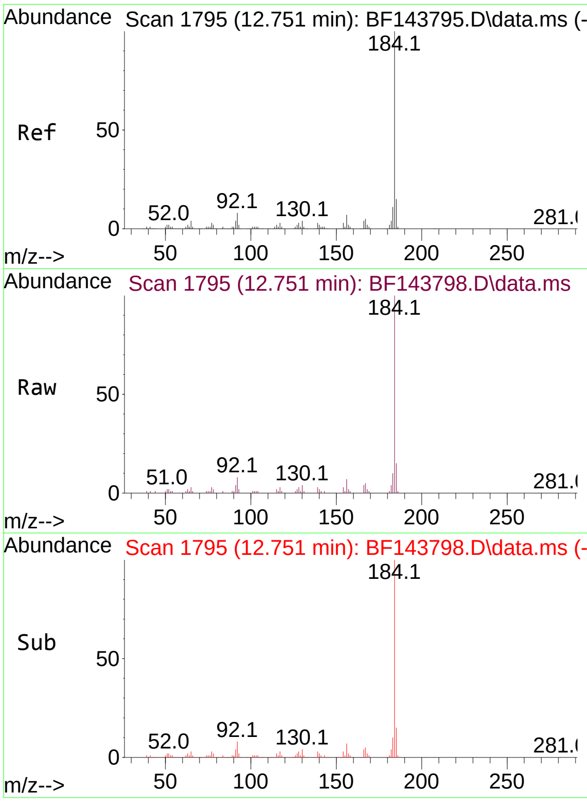


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Tgt Ion:240 Resp: 368976

Ion	Ratio	Lower	Upper
240	100		
120	7.5	6.2	9.4
236	24.5	19.4	29.2





#77
Benzidine
Concen: 66.788 ng
RT: 12.751 min   Scan# 1
Delta R.T.   0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025   15:27

Tgt Ion:184 Resp: 60049

Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.6	17.4
183	10.5	8.6	13.0

Instrument :
BNA_F
ClientSampleId :
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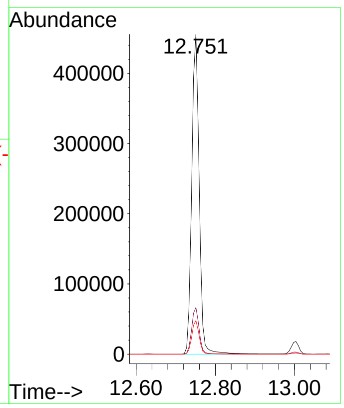
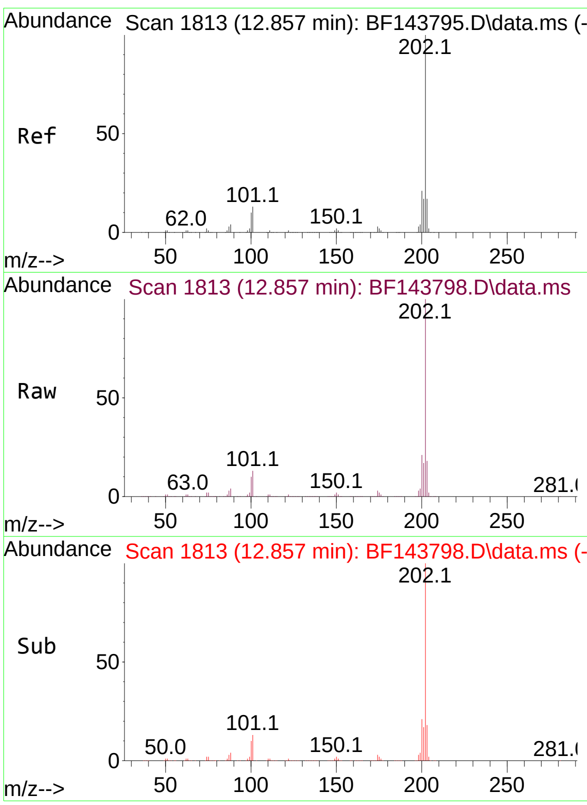
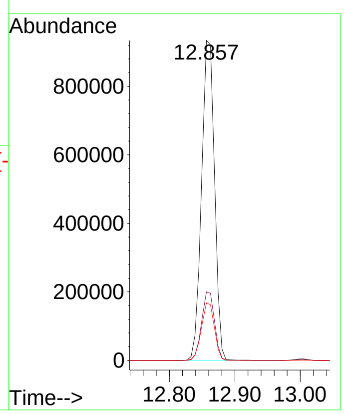


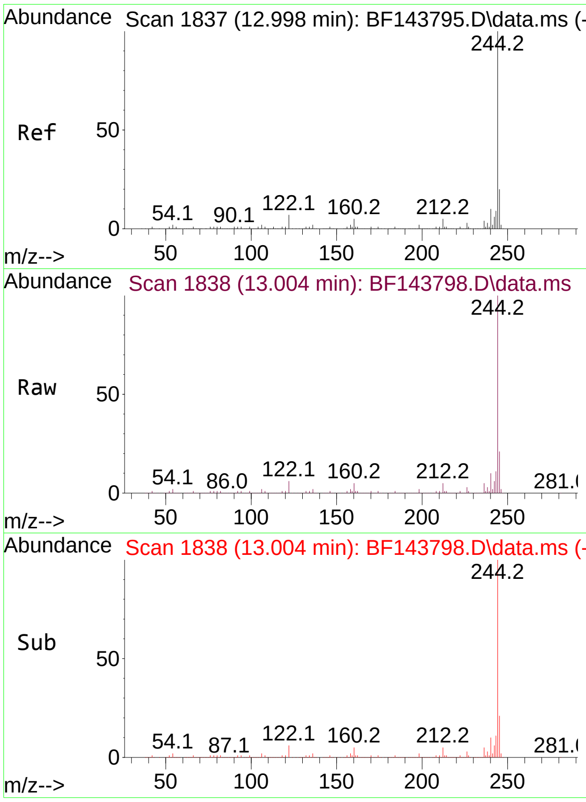


#78
Pyrene
Concen: 70.553 ng
RT: 12.857 min   Scan# 1813
Delta R.T.   0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025   15:27

Tgt Ion:202 Resp: 1279855

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.0	25.4
203	18.0	13.9	20.9





#79
Terphenyl-d14
Concen: 133.790 ng
RT: 13.004 min Scan# 18
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

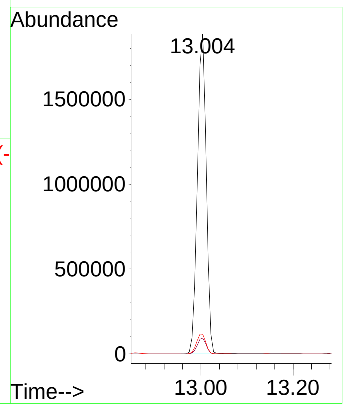
Tgt Ion:244 Resp: 251440

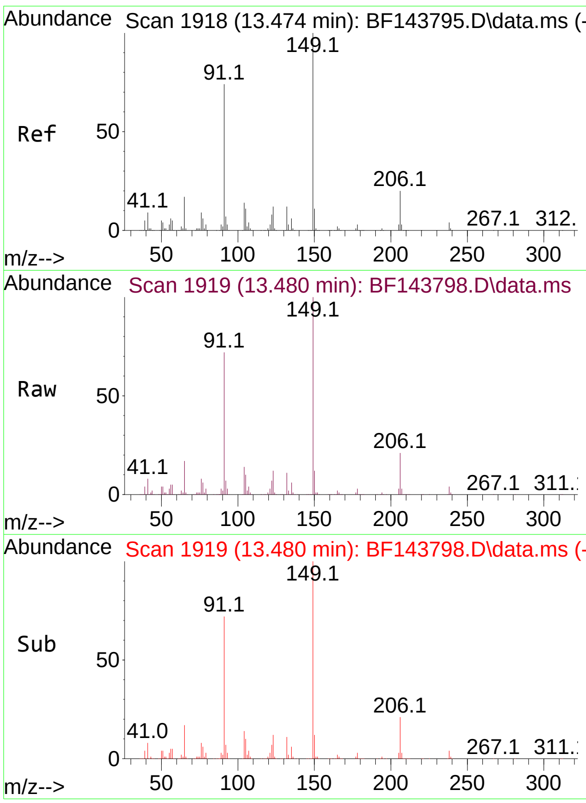
Ion	Ratio	Lower	Upper
244	100		
212	4.9	3.9	5.9
122	6.1	5.6	8.4

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

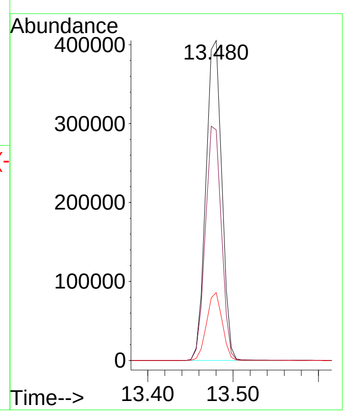




#80
Butylbenzylphthalate
Concen: 84.139 ng
RT: 13.480 min Scan# 1919
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Tgt Ion:149 Resp: 528060

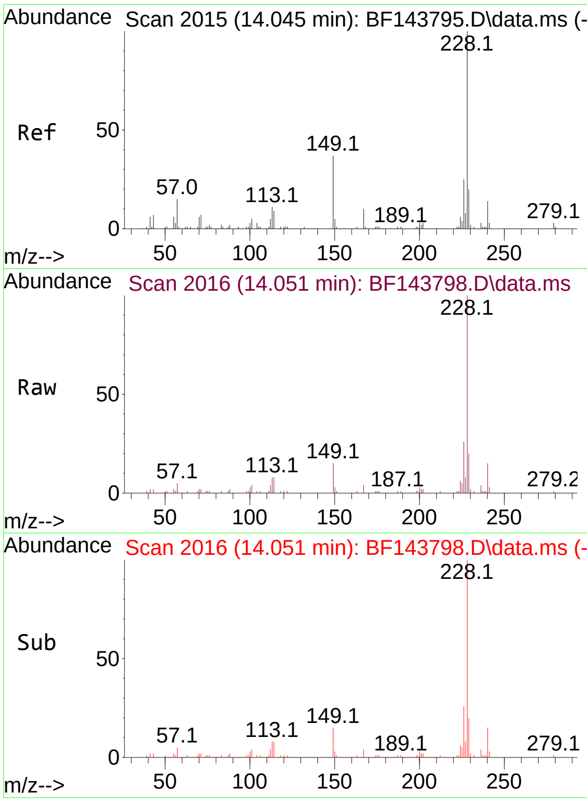
Ion	Ratio	Lower	Upper
149	100		
91	72.0	59.5	89.3
206	21.2	16.1	24.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

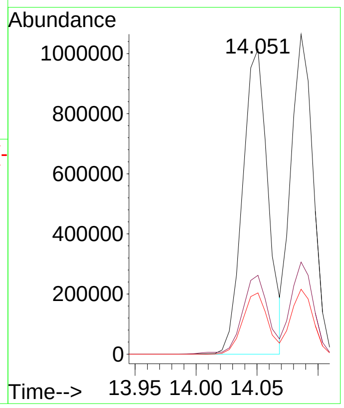
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

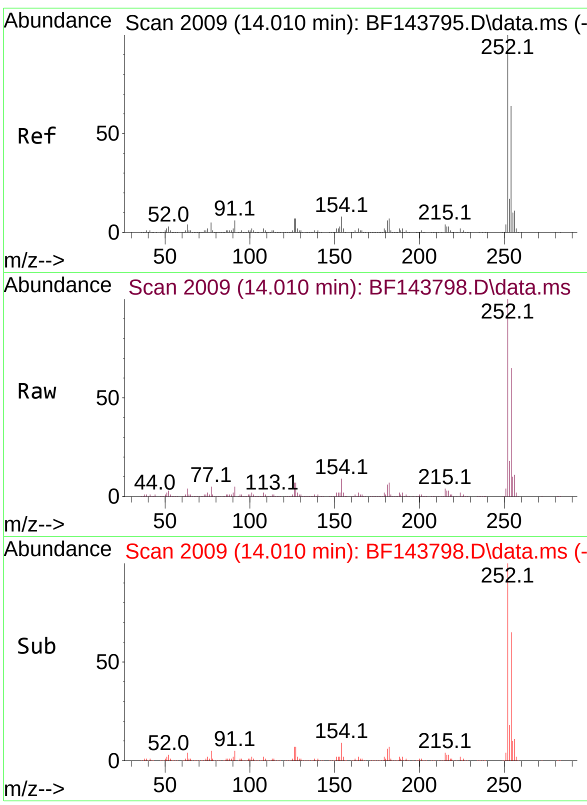
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18




```
#81
Benzo(a)anthracene
Concen:   74.057 ng
RT:  14.051 min  Scan# 20
Delta R.T.  0.000 min
Lab File:   BF143798.D
Acq: 23 Sep 2025  15:27

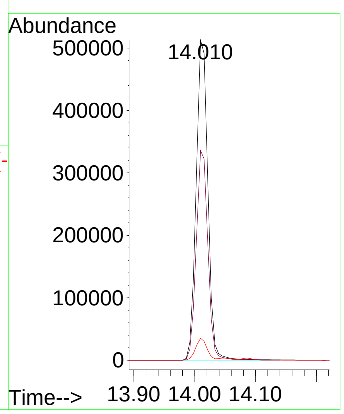
Tgt Ion:228 Resp: 1467968
Ion   Ratio   Lower   Upper
228   100
226    25.8    20.2    30.2
229    20.1    16.1    24.1
```

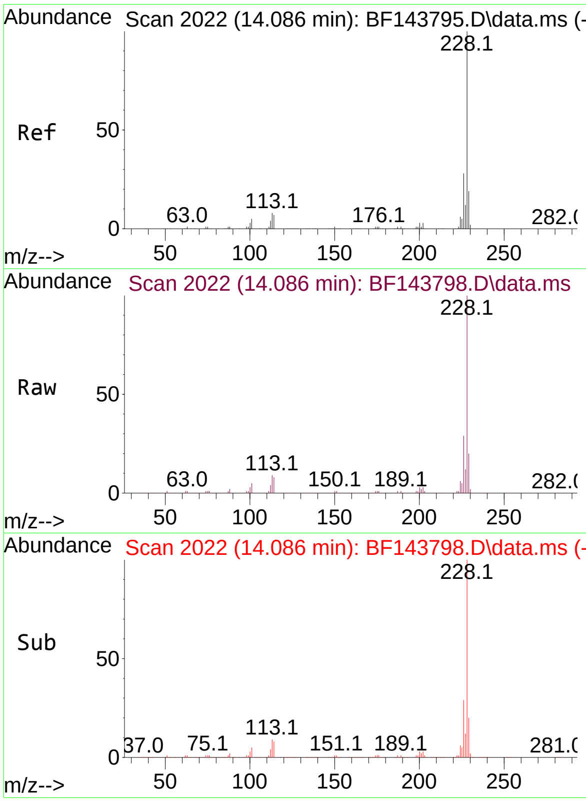





```
#82
3,3'-Dichlorobenzidine
Concen:   80.036 ng
RT:  14.010 min  Scan# 2009
Delta R.T.  0.000 min
Lab File:   BF143798.D
Acq: 23 Sep 2025  15:27

Tgt Ion:252 Resp:  687295
Ion   Ratio   Lower   Upper
252   100
254    65.5    51.5    77.3
126     6.8     5.4     8.2
```





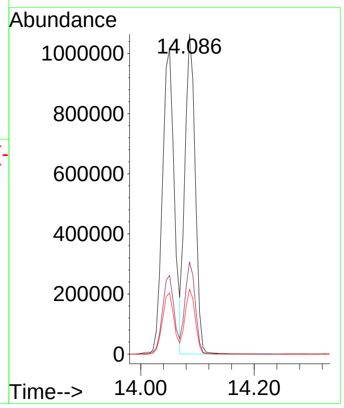

```
#83
Chrysene
Concen:   75.382 ng
RT:  14.086 min  Scan# 20
Delta R.T.  0.000 min
Lab File:   BF143798.D
Acq: 23 Sep 2025  15:27

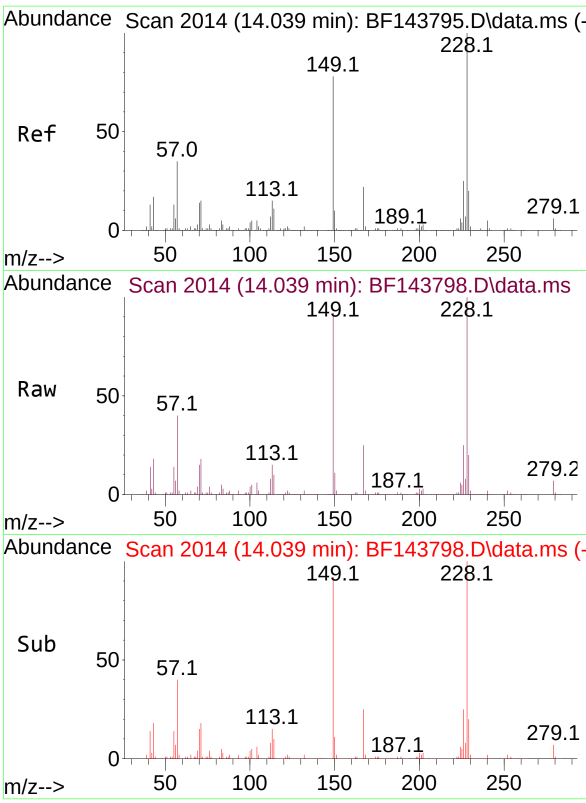
Tgt Ion:228 Resp: 1352077
Ion  Ratio  Lower  Upper
228  100
226   28.8   22.6   33.8
229   20.3   15.6   23.4
```

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

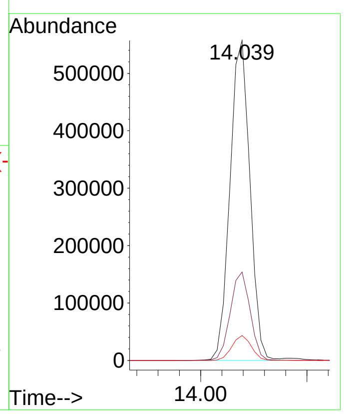
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025






```
#84
Bis(2-ethylhexyl)phthalate
Concen:   78.996 ng
RT:  14.039 min  Scan# 2014
Delta R.T.  0.000 min
Lab File:   BF143798.D
Acq: 23 Sep 2025  15:27

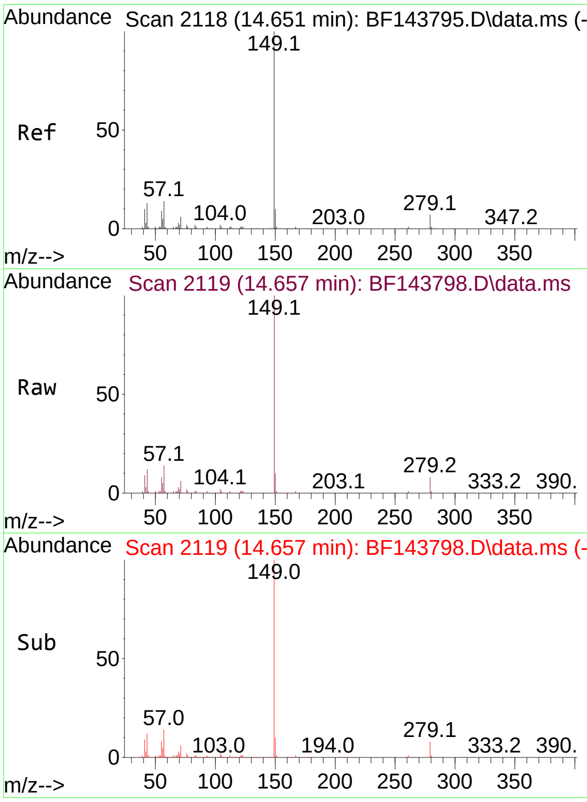
Tgt Ion:149 Resp:  726710
Ion  Ratio  Lower  Upper
149  100
167   27.6   22.2   33.2
279    7.8    6.0    9.0
```



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

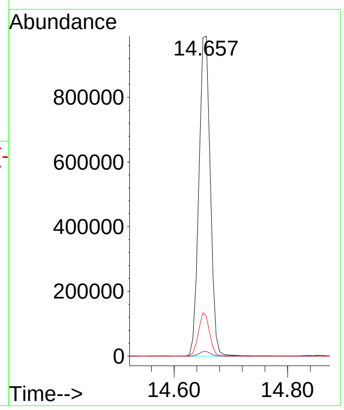
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

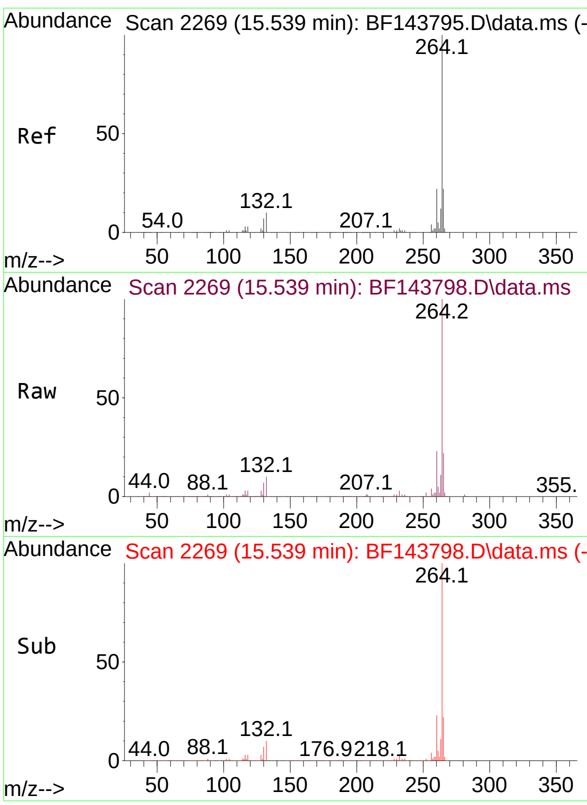


#85
Di-n-octyl phthalate
Concen: 82.239 ng
RT: 14.657 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Tgt Ion:149 Resp: 1372332

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	13.2	10.7	16.1

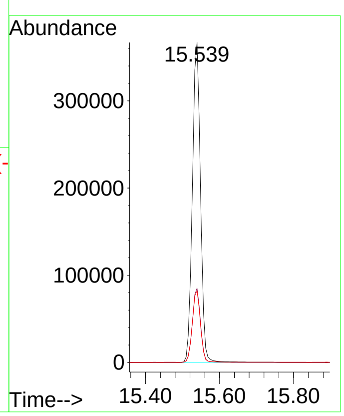




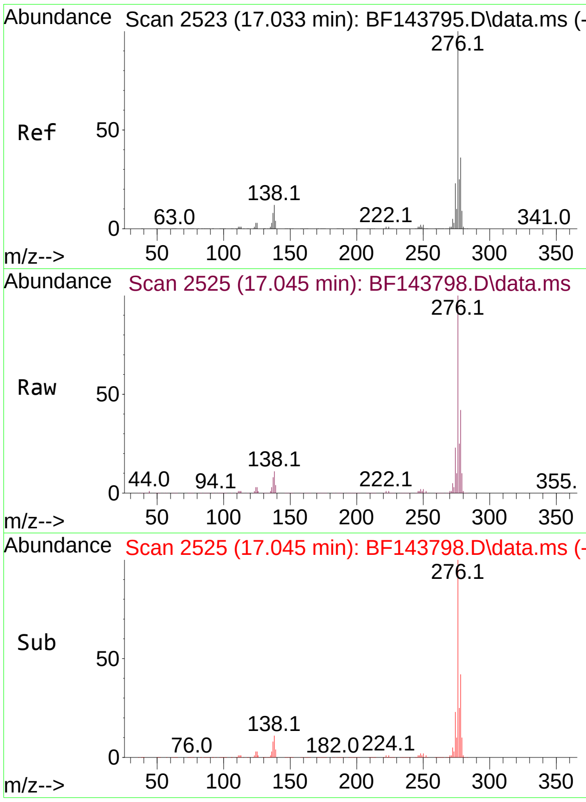
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Tgt Ion:264 Resp: 561861

Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.9	26.9
265	22.4	17.7	26.5



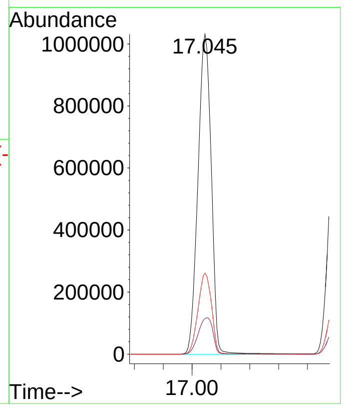
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18



#87
Indeno(1,2,3-cd)pyrene
Concen: 77.396 ng
RT: 17.045 min Scan# 25
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Tgt Ion:276 Resp: 3299429

Ion	Ratio	Lower	Upper
276	100		
138	12.4	10.6	15.8
277	25.7	20.7	31.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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Reviewed By :Rahul Chavli 09/24/2025
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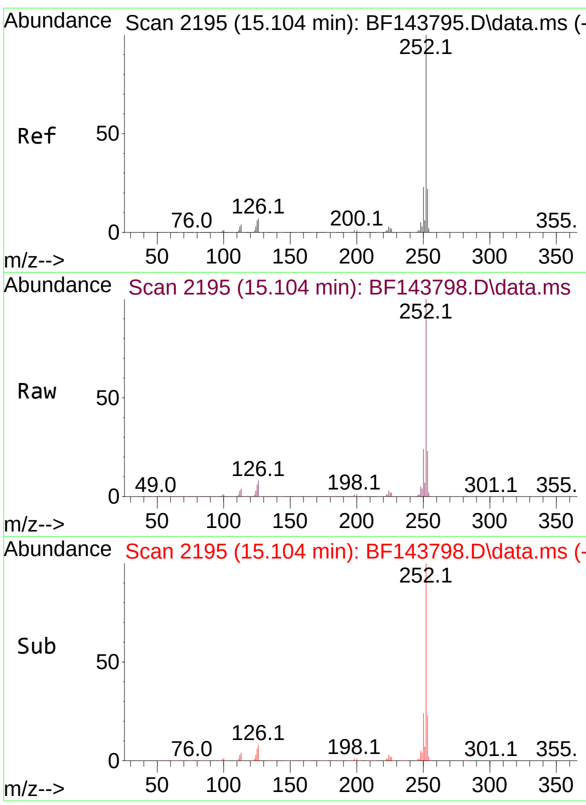
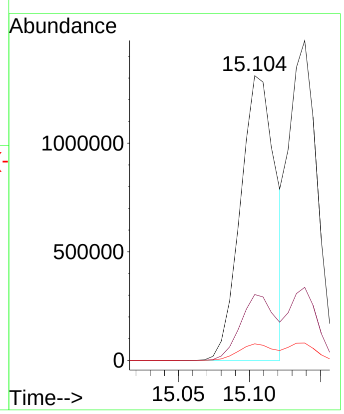
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

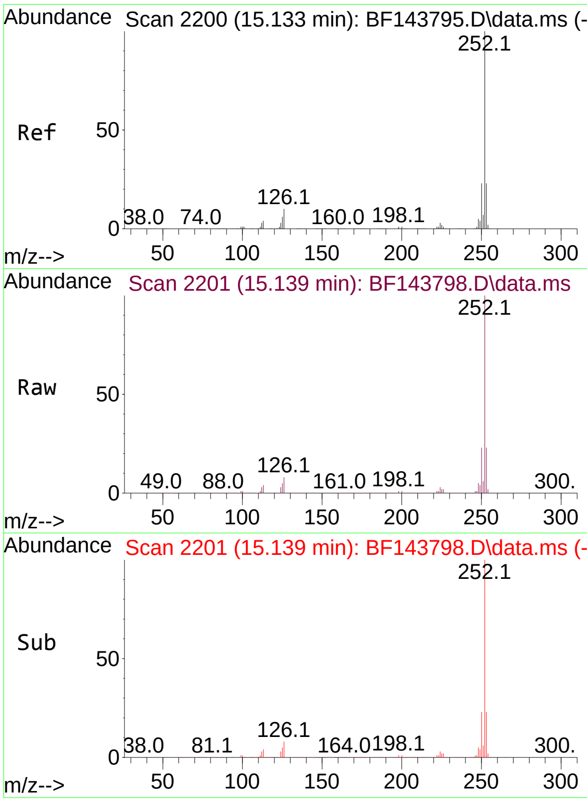


#88
Benzo(b)fluoranthene
Concen: 78.555 ng
RT: 15.104 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Tgt Ion:252 Resp: 2247670

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.8
125	5.8	4.4	6.6





#89
Benzo(k)fluoranthene
Concen: 70.756 ng
RT: 15.139 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

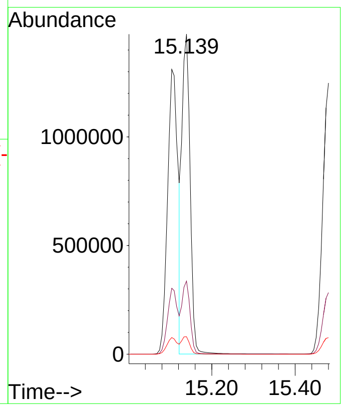
Tgt Ion:252 Resp: 2033980

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	5.4	4.6	6.8

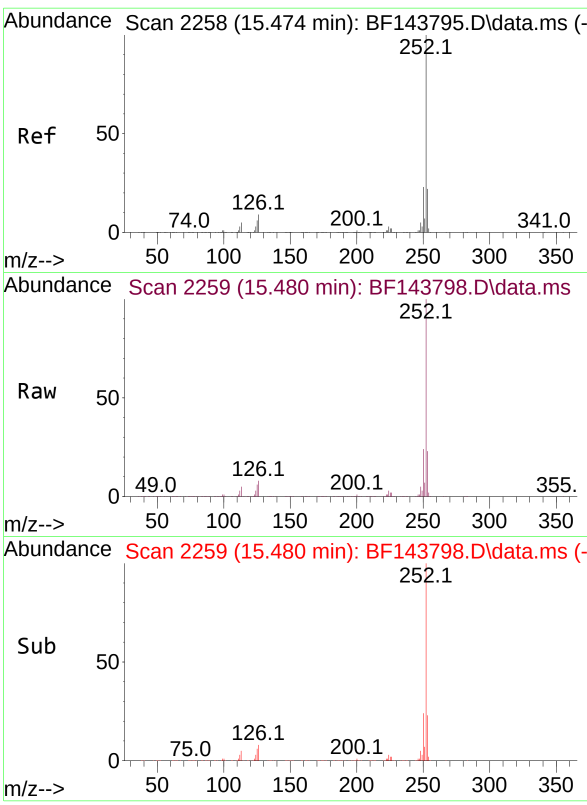
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



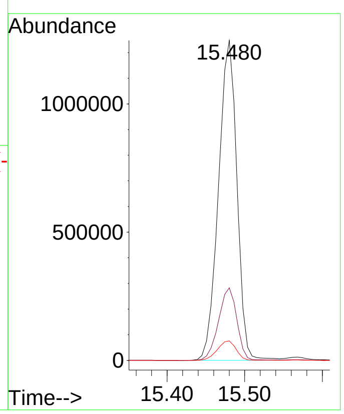
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

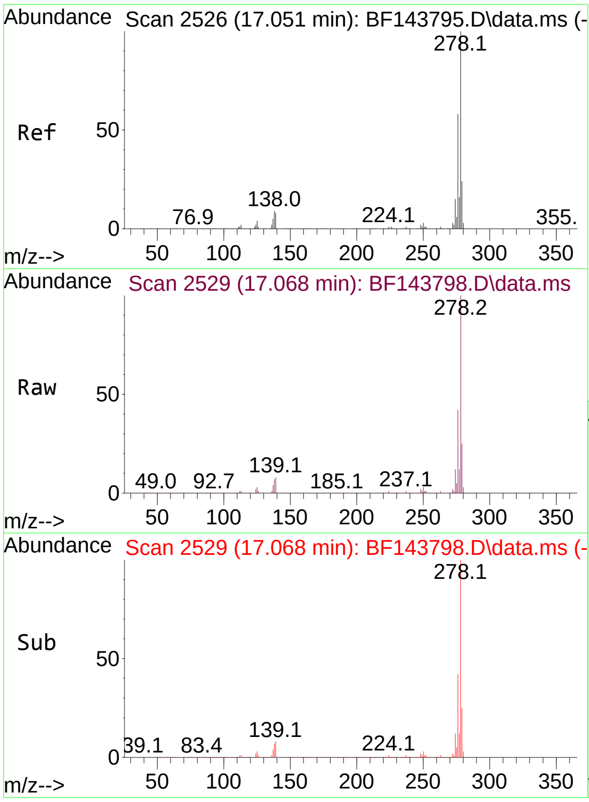


#90
Benzo(a)pyrene
Concen: 76.712 ng
RT: 15.480 min Scan# 2259
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Tgt Ion:252 Resp: 2063204

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.6	26.4
125	6.1	5.0	7.4

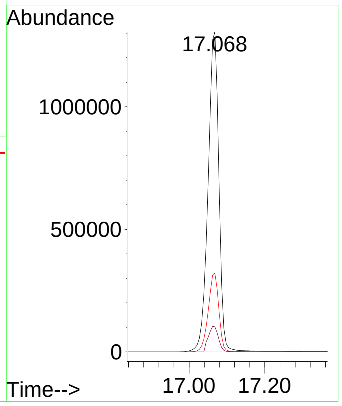




#91
Dibenzo(a,h)anthracene
Concen: 75.178 ng
RT: 17.068 min Scan# 2529
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

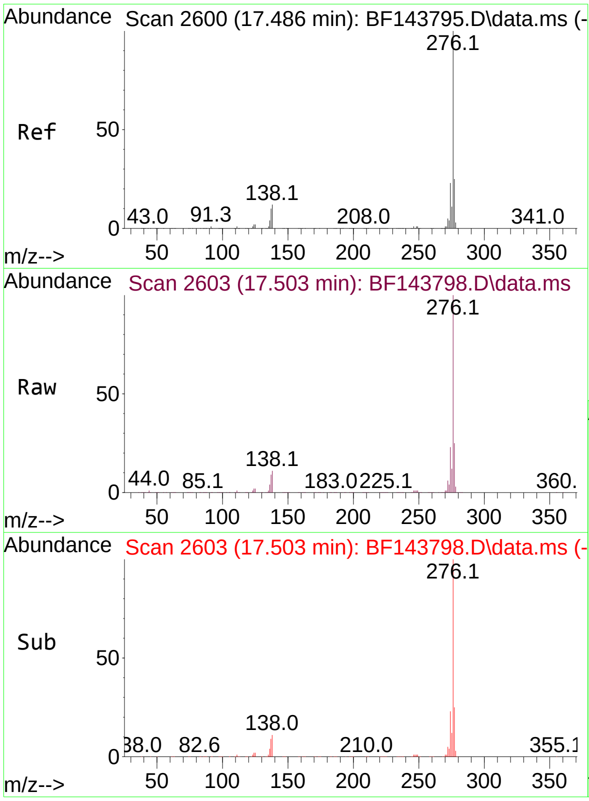
Tgt Ion:278 Resp: 2621312

Ion	Ratio	Lower	Upper
278	100		
139	7.9	6.7	10.1
279	24.6	19.3	28.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

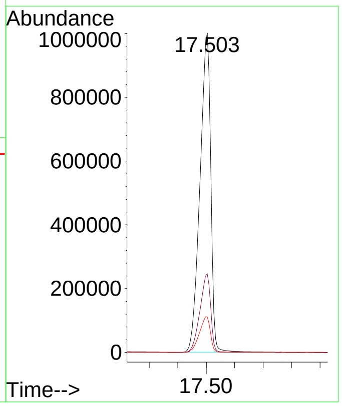
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#92
Benzo(g,h,i)perylene
Concen: 78.108 ng
RT: 17.503 min Scan# 2603
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Tgt Ion:276 Resp: 2625358

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.6	29.4
138	11.1	9.2	13.8



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
Data File : BF143799.D
Acq On : 23 Sep 2025 17:42
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF092325

Manual Integrations
APPROVED
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

Quant Time: Sep 23 18:09:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 23 17:50:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	6.887	152	109221	20.000 ng	0.00
21) Naphthalene-d8	8.169	136	390323	20.000 ng	0.00
39) Acenaphthene-d10	9.922	164	191064	20.000 ng	0.00
64) Phenanthrene-d10	11.410	188	302827	20.000 ng	0.00
76) Chrysene-d12	14.057	240	375572	20.000 ng	0.00
86) Perylene-d12	15.533	264	528363	20.000 ng	0.00
System Monitoring Compounds					
5) 2-Fluorophenol	5.493	112	587541	86.573 ng	0.00
7) Phenol-d6	6.504	99	655490	81.847 ng	0.00
23) Nitrobenzene-d5	7.445	82	563159	90.799 ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	260676	95.600 ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1032314	79.843 ng	0.00
79) Terphenyl-d14	12.998	244	1544756	80.752 ng	0.00
Target Compounds					Qvalue
2) 1,4-Dioxane	2.628	88	140442	43.647 ng	99
3) Pyridine	3.399	79	373668	43.022 ng	99
4) n-Nitrosodimethylamine	3.340	42	184836	42.441 ng	99
6) Aniline	6.546	93	468886	41.592 ng	99
8) 2-Chlorophenol	6.669	128	292186	42.456 ng	99
9) Benzaldehyde	6.440	77	317430	46.667 ng	96
10) Phenol	6.516	94	378799m	41.956 ng	
11) bis(2-Chloroethyl)ether	6.616	93	296472	41.891 ng	99
12) 1,3-Dichlorobenzene	6.828	146	337770	42.271 ng	100
13) 1,4-Dichlorobenzene	6.904	146	333799	41.859 ng	99
14) 1,2-Dichlorobenzene	7.057	146	315213	41.736 ng	99
15) Benzyl Alcohol	7.022	79	238857	42.558 ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	702630	41.868 ng	100
17) 2-Methylphenol	7.128	107	225398	42.304 ng	99
18) Hexachloroethane	7.398	117	120246	42.878 ng	99
19) n-Nitroso-di-n-propyla...	7.293	70	198845	39.810 ng	99
20) 3+4-Methylphenols	7.281	107	283024	43.619 ng	99
22) Acetophenone	7.293	105	355985	41.524 ng	99
24) Nitrobenzene	7.463	77	308041	43.582 ng	99
25) Isophorone	7.704	82	519134	41.778 ng	99
26) 2-Nitrophenol	7.781	139	127397	44.135 ng	98
27) 2,4-Dimethylphenol	7.810	122	237292	42.725 ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	334704	41.459 ng	100
29) 2,4-Dichlorophenol	8.016	162	234561	42.921 ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	240436	42.395 ng	99
31) Naphthalene	8.193	128	785137	42.019 ng	100
32) Benzoic acid	7.893	122	117697	43.922 ng	96
33) 4-Chloroaniline	8.234	127	275488	41.955 ng	99
34) Hexachlorobutadiene	8.310	225	179313	42.413 ng	100
35) Caprolactam	8.587	113	61486	44.018 ng	97
36) 4-Chloro-3-methylphenol	8.704	107	217750	42.485 ng	96
37) 2-Methylnaphthalene	8.881	142	496707	41.689 ng	99
38) 1-Methylnaphthalene	8.981	142	478612	41.968 ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	242106	41.989 ng	99
41) Hexachlorocyclopentadiene	9.034	237	160009	43.786 ng	99
43) 2,4,6-Trichlorophenol	9.157	196	162537	45.018 ng	98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
Data File : BF143799.D
Acq On : 23 Sep 2025 17:42
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF092325

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

Quant Time: Sep 23 18:09:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 23 17:50:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	159783	42.310 ng		100
46) 1,1'-Biphenyl	9.345	154	570562	41.254 ng		99
47) 2-Chloronaphthalene	9.369	162	457929	41.133 ng		99
48) 2-Nitroaniline	9.463	65	161814	48.090 ng		99
49) Acenaphthylene	9.787	152	647976	42.279 ng		99
50) Dimethylphthalate	9.639	163	496374	42.624 ng		99
51) 2,6-Dinitrotoluene	9.704	165	92326	48.254 ng		99
52) Acenaphthene	9.957	154	422277	41.869 ng		100
53) 3-Nitroaniline	9.869	138	110544	47.665 ng		96
54) 2,4-Dinitrophenol	9.975	184	28355	46.217 ng	#	69
55) Dibenzofuran	10.128	168	602575	42.251 ng		100
56) 4-Nitrophenol	10.016	139	85715	45.864 ng		96
57) 2,4-Dinitrotoluene	10.104	165	126090	44.618 ng		99
58) Fluorene	10.475	166	446712	42.132 ng		100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	149133	46.097 ng		99
60) Diethylphthalate	10.345	149	470914	43.199 ng		99
61) 4-Chlorophenyl-phenyle...	10.463	204	227995	42.203 ng		100
62) 4-Nitroaniline	10.481	138	104533	47.936 ng		98
63) Azobenzene	10.622	77	491364	42.769 ng		98
65) 4,6-Dinitro-2-methylph...	10.510	198	49519	45.452 ng		94
66) n-Nitrosodiphenylamine	10.581	169	413097	41.480 ng		100
67) 4-Bromophenyl-phenylether	10.957	248	221312	42.884 ng		98
68) Hexachlorobenzene	11.022	284	303404	42.661 ng		99
69) Atrazine	11.104	200	130018	45.083 ng		99
70) Pentachlorophenol	11.210	266	163934	46.307 ng		99
71) Phenanthrene	11.439	178	657630	42.299 ng		100
72) Anthracene	11.486	178	674513	43.252 ng		99
73) Carbazole	11.639	167	601493	44.114 ng		100
74) Di-n-butylphthalate	11.975	149	724195	46.182 ng		100
75) Fluoranthene	12.628	202	719722	46.027 ng		100
77) Benzidine	12.751	184	368236	40.236 ng		99
78) Pyrene	12.857	202	759210	41.117 ng		100
80) Butylbenzylphthalate	13.475	149	298166	46.674 ng		99
81) Benzo(a)anthracene	14.045	228	833201	41.296 ng		99
82) 3,3'-Dichlorobenzidine	14.010	252	373433	42.723 ng		99
83) Chrysene	14.080	228	799482	43.791 ng		99
84) Bis(2-ethylhexyl)phtha...	14.033	149	427966	45.704 ng		97
85) Di-n-octyl phthalate	14.651	149	756048	44.512 ng		99
87) Indeno(1,2,3-cd)pyrene	17.027	276	1728261	43.111 ng		99
88) Benzo(b)fluoranthene	15.098	252	1234859	45.894 ng		100
89) Benzo(k)fluoranthene	15.133	252	1105146	40.882 ng		99
90) Benzo(a)pyrene	15.474	252	1093771	43.246 ng		100
91) Dibenzo(a,h)anthracene	17.051	278	1422887	43.395 ng		99
92) Benzo(g,h,i)perylene	17.480	276	1366956	43.247 ng		100

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

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
Data File : BF143799.D
Acq On : 23 Sep 2025 17:42
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 23 18:09:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 23 17:50:26 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
ICVBF092325

Manual Integrations APPROVED
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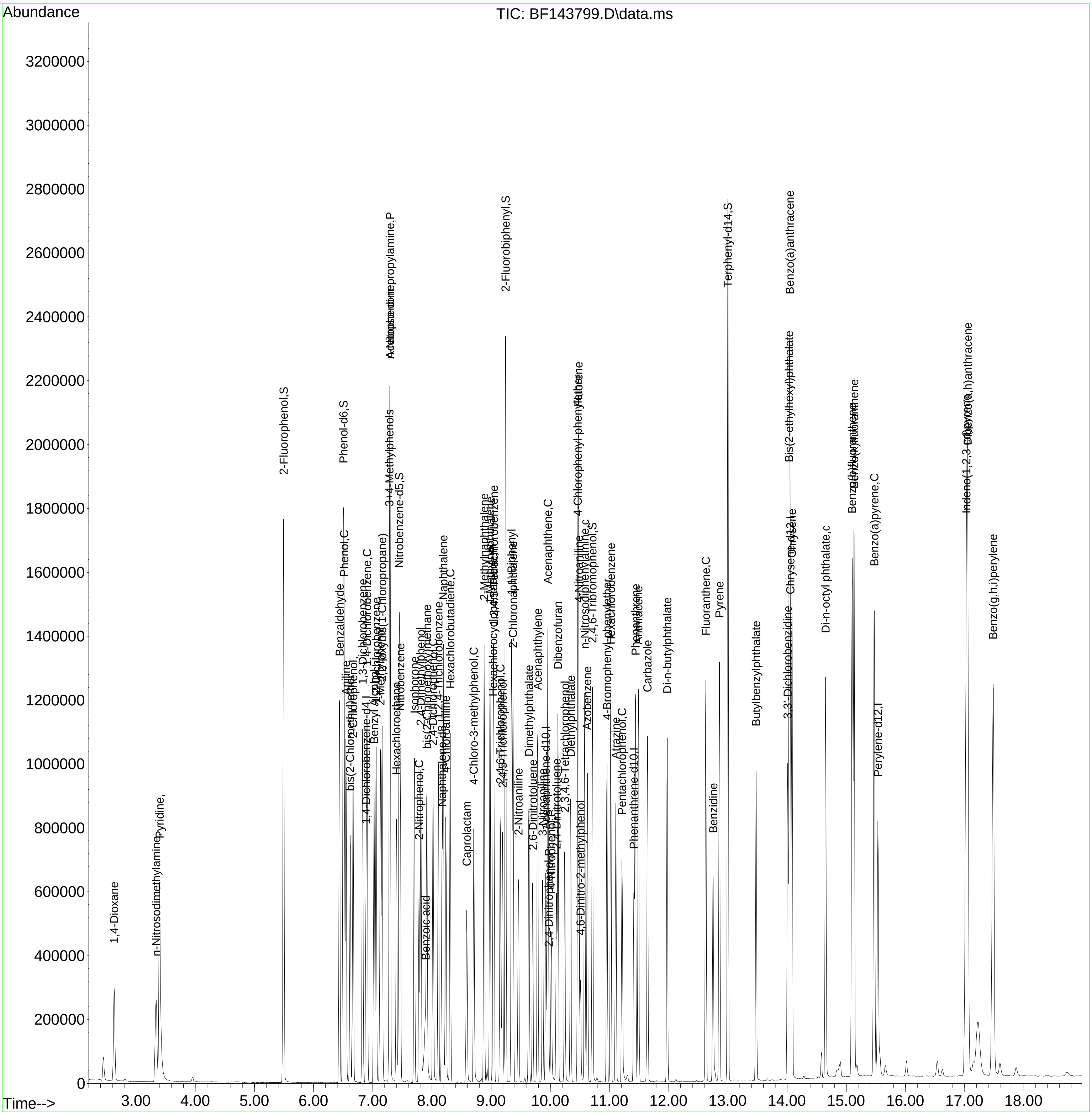
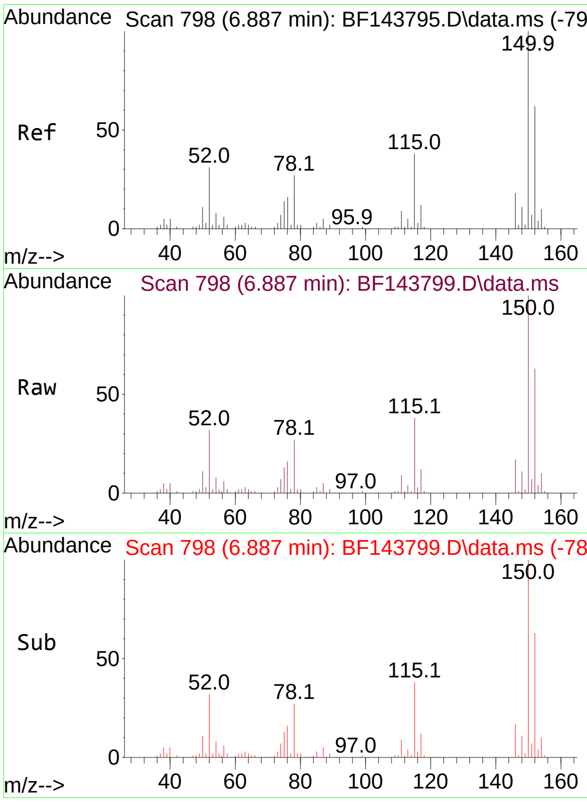
Supervised By :Jagrut Upadhyay 09/24/2025

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Instrument :
BNA_F
ClientSampleId :
ICVBF092325

Tgt Ion:152 Resp: 10922

Ion	Ratio	Lower	Upper
152	100		
150	158.7	129.6	194.4
115	61.0	49.0	73.4

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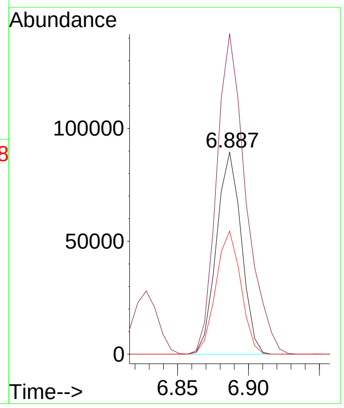
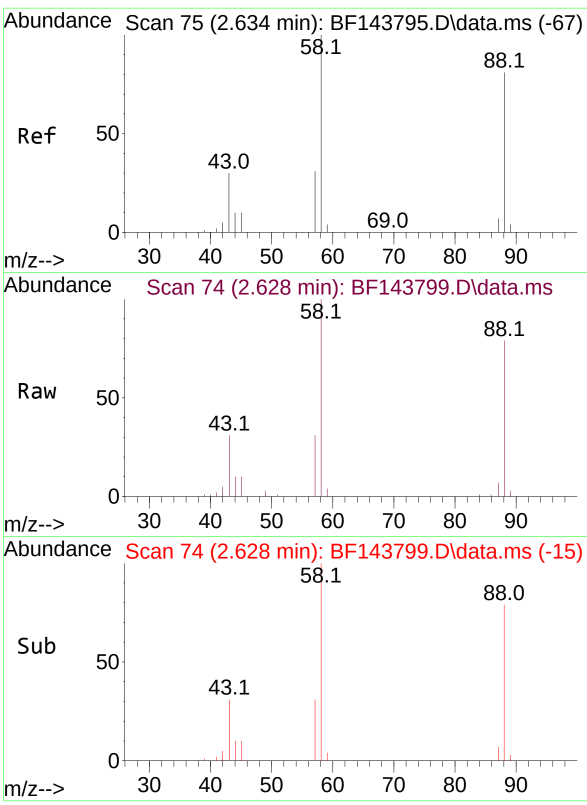
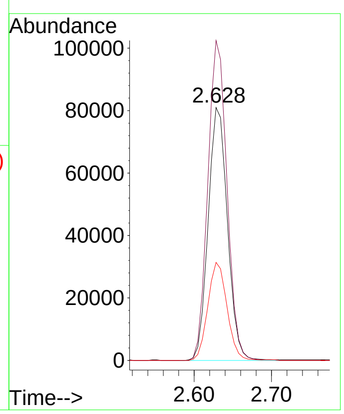




#2
1,4-Dioxane
Concen: 43.647 ng
RT: 2.628 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion: 88 Resp: 140442

Ion	Ratio	Lower	Upper
88	100		
58	125.4	99.4	149.2
43	38.5	30.6	45.8



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

Instrument :
BNA_F
ClientSampleId :
ICVBF092325

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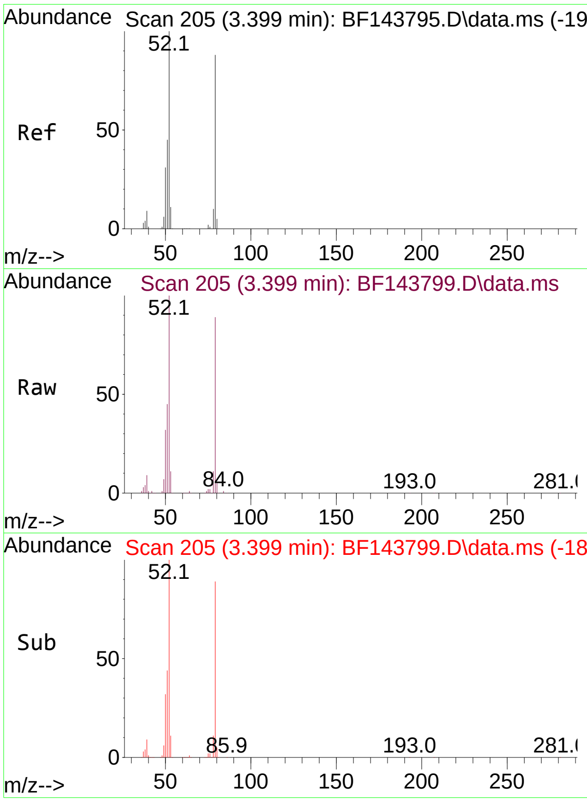
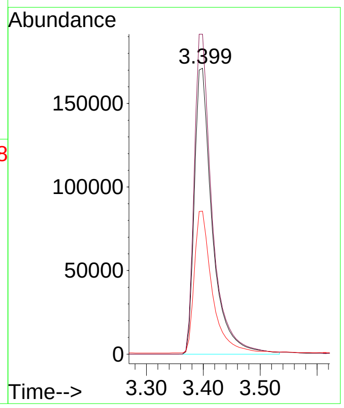
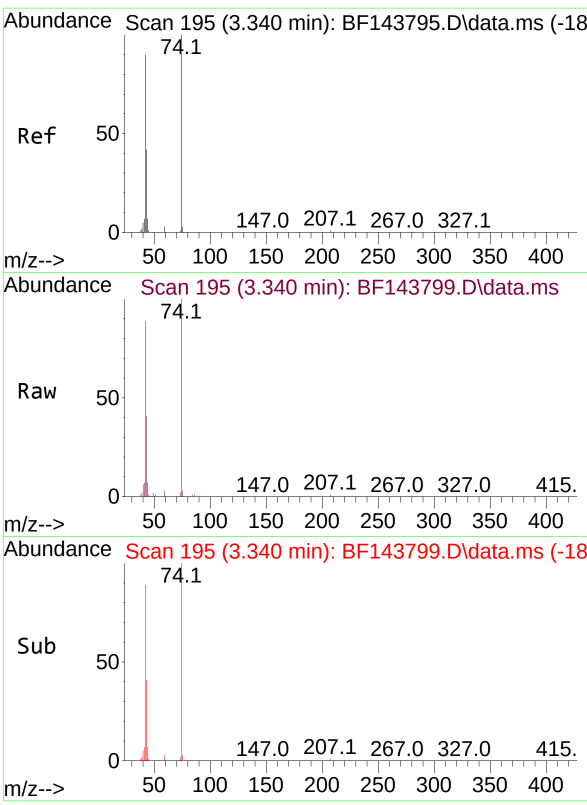


#3
Pyridine
Concen: 43.022 ng
RT: 3.399 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion: 79 Resp: 37366

Ion	Ratio	Lower	Upper
79	100		
52	112.0	90.5	135.7
51	50.0	40.6	61.0

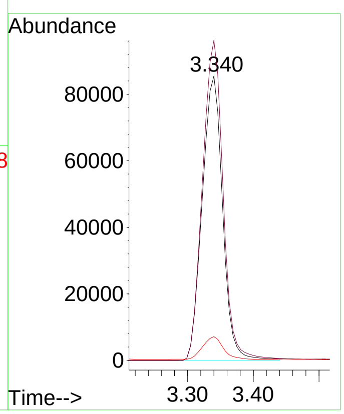




#4
n-Nitrosodimethylamine
Concen: 42.441 ng
RT: 3.340 min Scan# 195
Delta R.T. -0.017 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion: 42 Resp: 184836

Ion	Ratio	Lower	Upper
42	100		
74	112.6	89.1	133.7
44	8.3	6.4	9.6



Instrument :
BNA_F
ClientSampleId :
ICVBF092325

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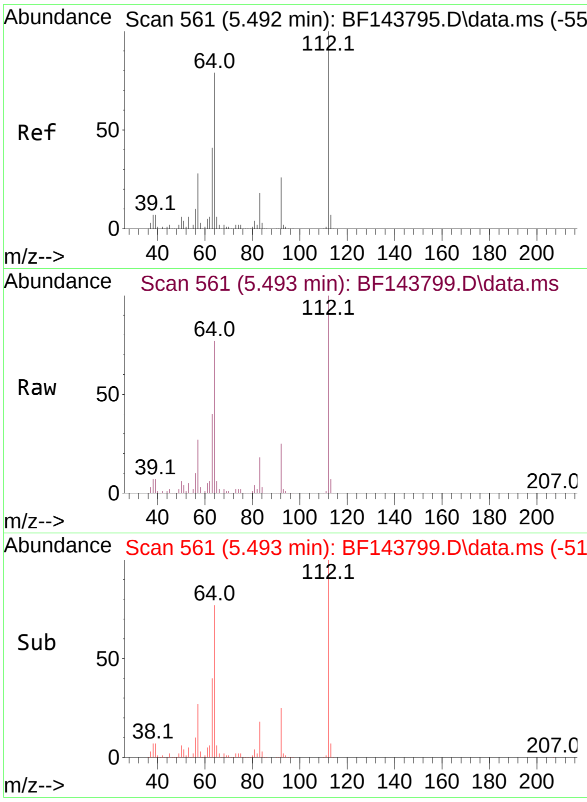
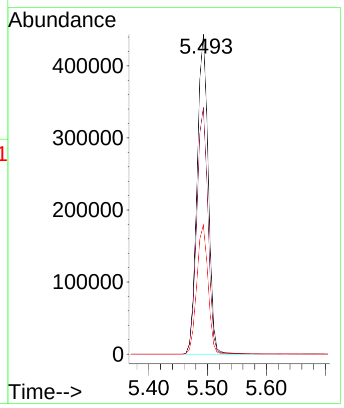
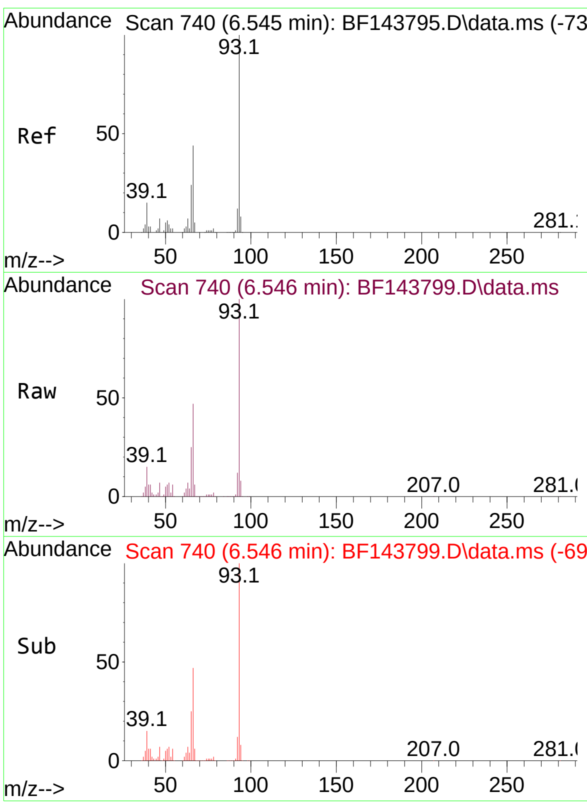



```
#5
2-Fluorophenol
Concen:   86.573 ng
RT:   5.493 min  Scan# 56
Delta R.T.  -0.006 min
Lab File:   BF143799.D
Acq: 23 Sep 2025  17:42

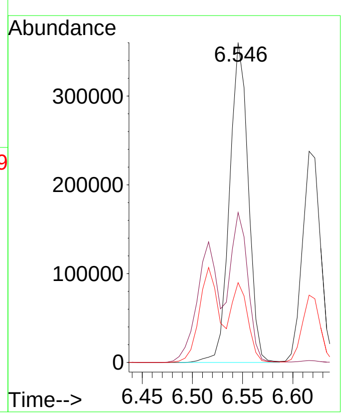
Tgt Ion:112 Resp:  587541
Ion  Ratio  Lower  Upper
112  100
 64   77.1   63.0   94.4
 63   40.4   32.6   49.0
```






```
#6
Aniline
Concen:   41.592 ng
RT:   6.546 min  Scan# 740
Delta R.T.  -0.006 min
Lab File:   BF143799.D
Acq: 23 Sep 2025  17:42

Tgt Ion: 93 Resp:  468886
Ion  Ratio  Lower  Upper
 93  100
 66   46.9   37.1   55.7
 65   24.9   19.4   29.0
```



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

Instrument :
BNA_F
ClientSampleId :
ICVBF092325

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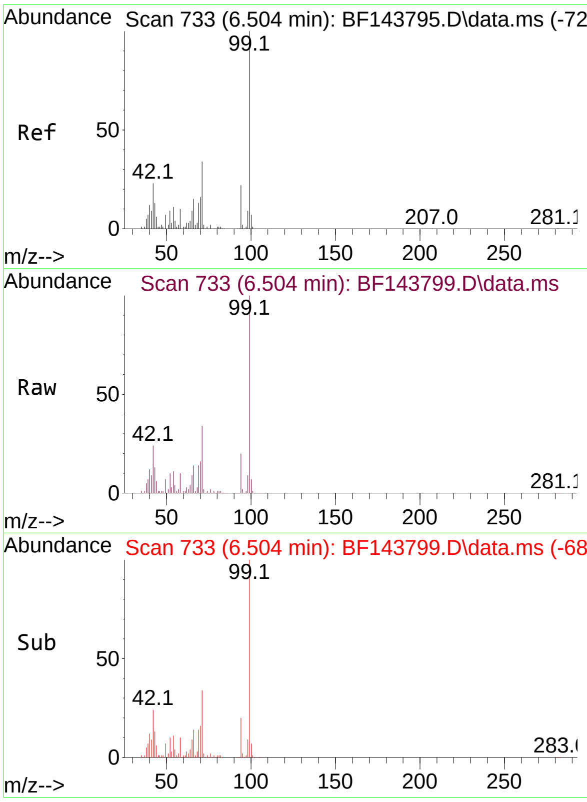
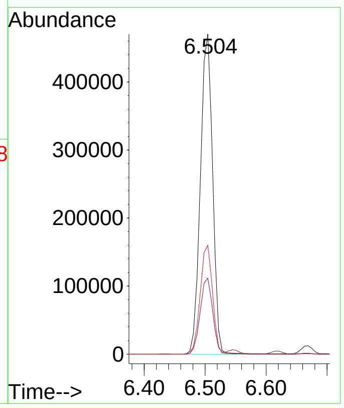
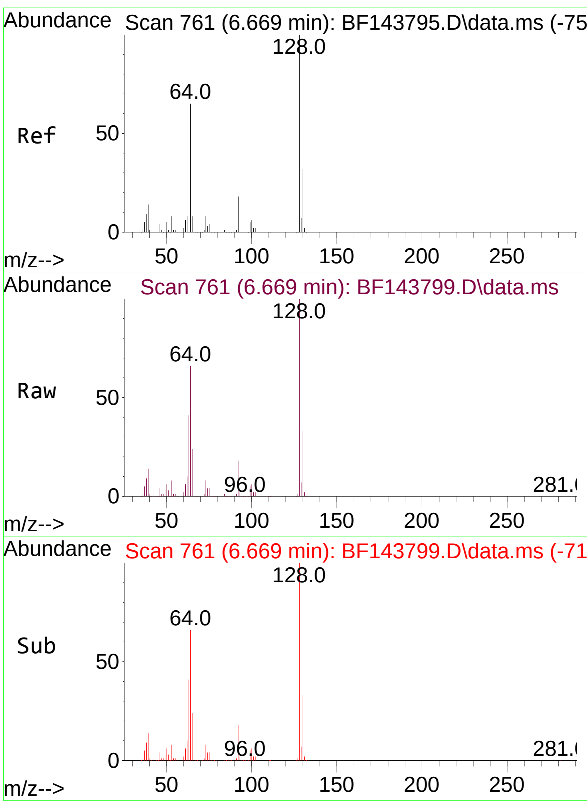



```
#7
Phenol-d6
Concen:   81.847 ng
RT:   6.504 min  Scan# 73
Delta R.T.  -0.006 min
Lab File:   BF143799.D
Acq: 23 Sep 2025  17:42

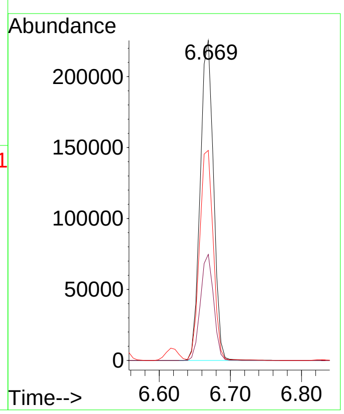
Tgt Ion: 99 Resp:  655490
Ion  Ratio  Lower  Upper
 99  100
 42   23.7   18.6   28.0
 71   34.0   27.0   40.4
```






```
#8
2-Chlorophenol
Concen:   42.456 ng
RT:   6.669 min  Scan# 761
Delta R.T.  0.000 min
Lab File:   BF143799.D
Acq: 23 Sep 2025  17:42

Tgt Ion:128 Resp:  292186
Ion  Ratio  Lower  Upper
128  100
130   33.1   12.2   52.2
 64   65.6   46.5   86.5
```



Instrument :
BNA_F
ClientSampleId :
ICVBF092325

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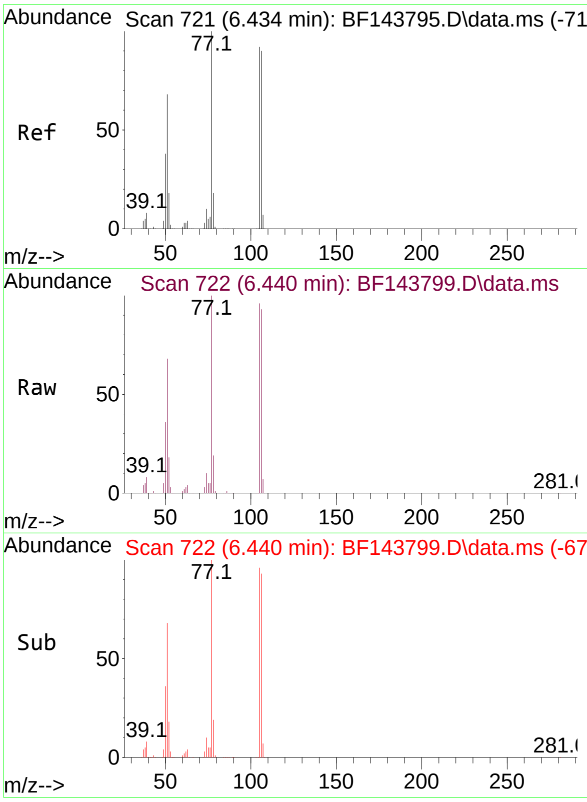
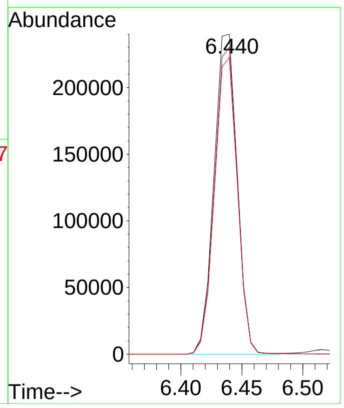
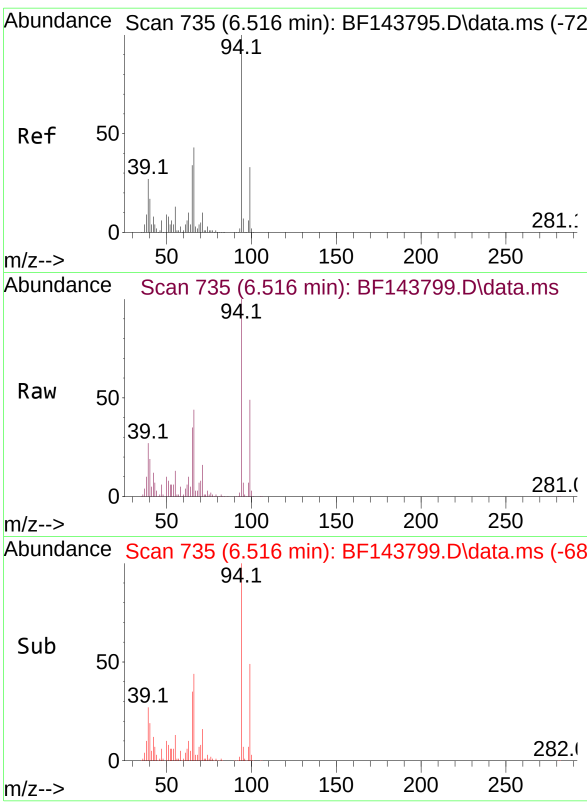


#9
Benzaldehyde
Concen: 46.667 ng
RT: 6.440 min Scan# 72
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion: 77 Resp: 31743

Ion	Ratio	Lower	Upper
77	100		
105	95.9	71.8	111.8
106	92.7	69.8	109.8

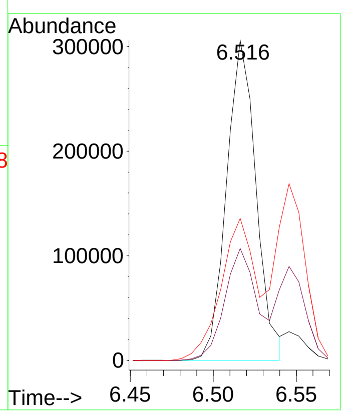


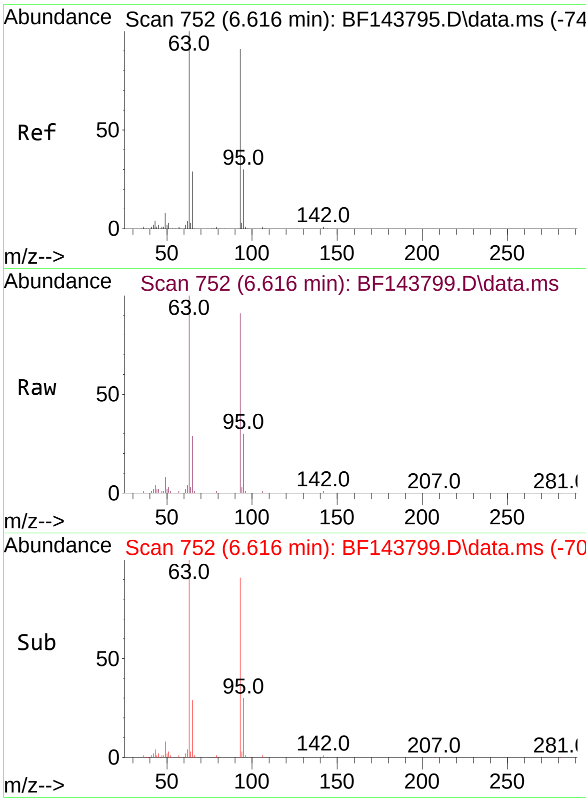


#10
Phenol
Concen: 41.956 ng m
RT: 6.516 min Scan# 735
Delta R.T. -0.012 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion: 94 Resp: 378799

Ion	Ratio	Lower	Upper
94	100		
65	35.0	14.2	54.2
66	44.4	24.1	64.1





#11
bis(2-Chloroethyl)ether
Concen: 41.891 ng
RT: 6.616 min Scan# 75
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Instrument :
BNA_F
ClientSampleId :
ICVBF092325

Tgt Ion: 93 Resp: 29647

Ion	Ratio	Lower	Upper
93	100		
63	110.1	89.2	129.2
95	32.5	12.9	52.9

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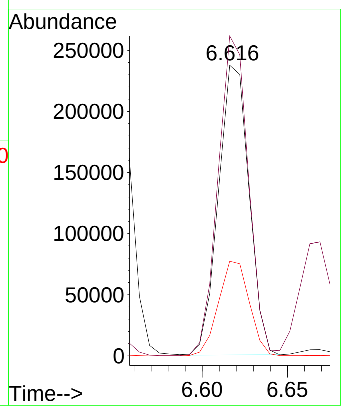
Supervised By :Jagrut Upadhyay 09/24/2025



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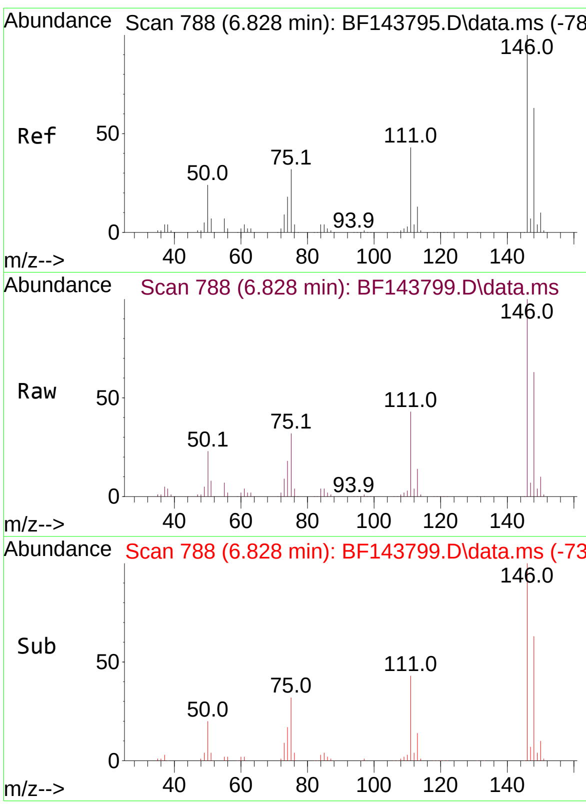
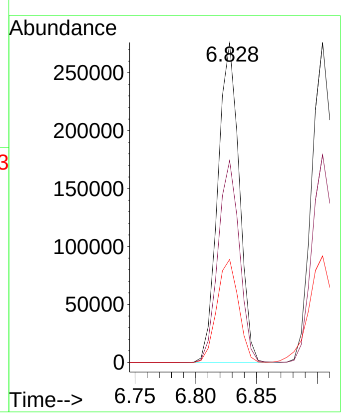
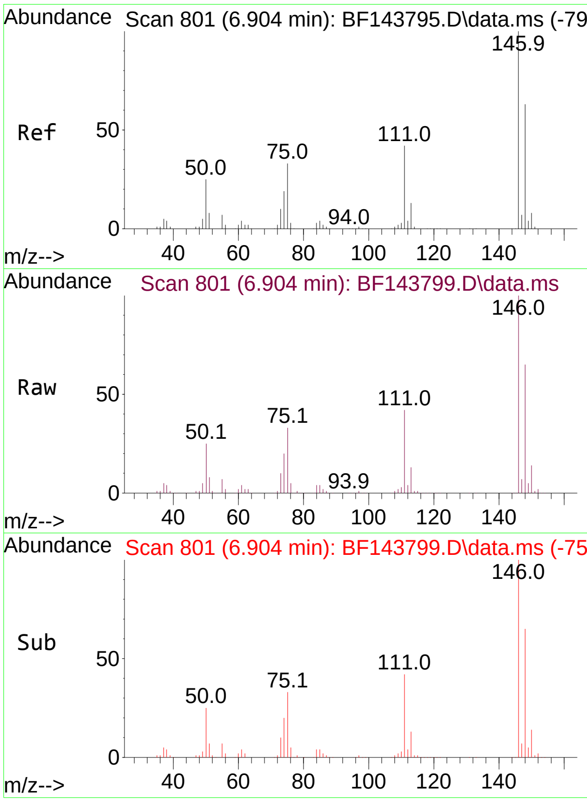


#12
1,3-Dichlorobenzene
Concen: 42.271 ng
RT: 6.828 min Scan# 788
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion:146 Resp: 337770

Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.4	75.6
75	32.3	25.6	38.4

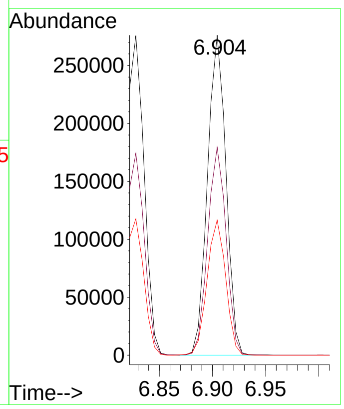




#13
1,4-Dichlorobenzene
Concen: 41.859 ng
RT: 6.904 min   Scan# 80
Delta R.T.   0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025   17:42

Tgt Ion:146 Resp: 33379

Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.7	76.1
111	42.2	33.4	50.2



Instrument :
BNA_F
ClientSampleId :
ICVBF092325

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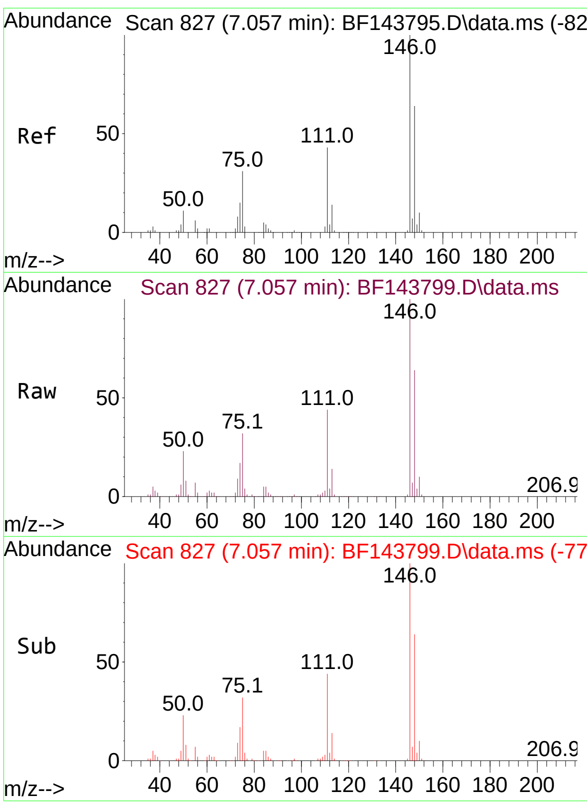
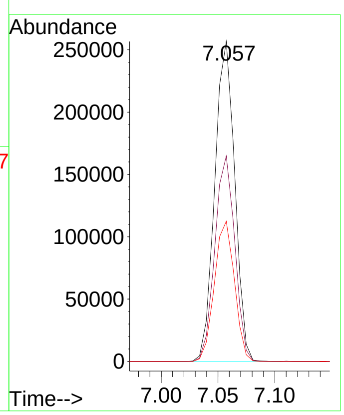


#14
1,2-Dichlorobenzene
Concen: 41.736 ng
RT: 7.057 min   Scan# 827
Delta R.T.   0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025   17:42

Tgt Ion:146 Resp: 315213

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.1	76.7
111	43.8	34.3	51.5



Instrument :
BNA_F
ClientSampleId :
ICVBF092325

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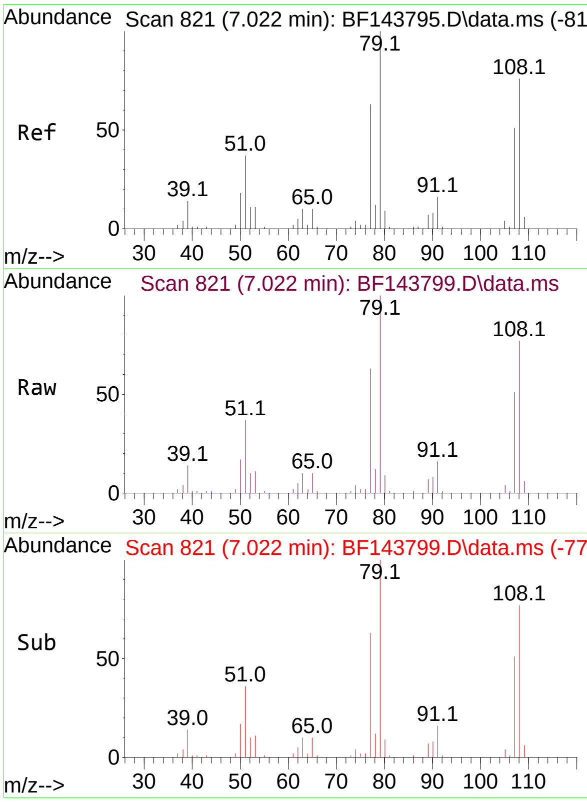
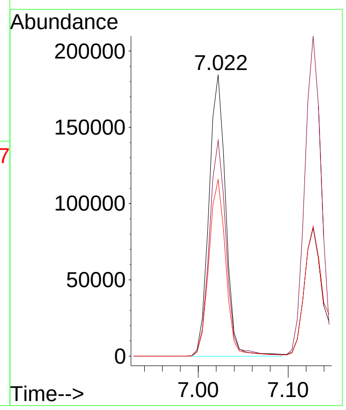
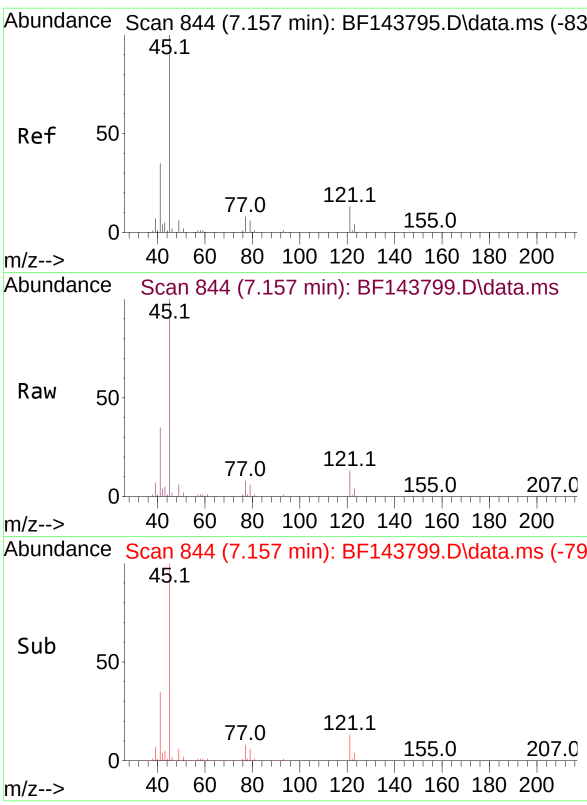


#15
Benzyl Alcohol
Concen: 42.558 ng
RT: 7.022 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion: 79 Resp: 23885

Ion	Ratio	Lower	Upper
79	100		
108	76.7	60.5	90.7
77	62.8	50.3	75.5

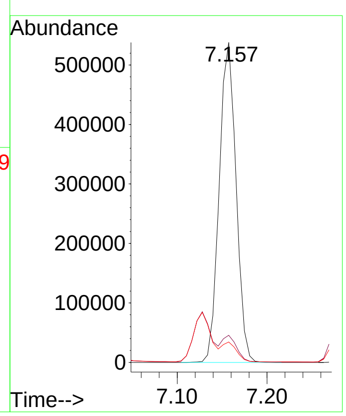




#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.868 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion: 45 Resp: 702630

Ion	Ratio	Lower	Upper
45	100		
77	8.5	0.0	28.5
79	6.4	0.0	26.3



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

Instrument :
BNA_F
ClientSampleId :
ICVBF092325

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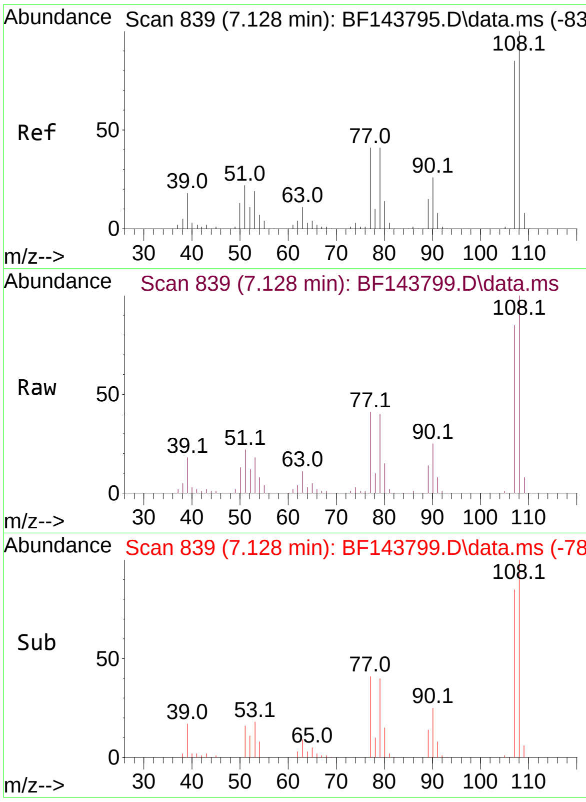
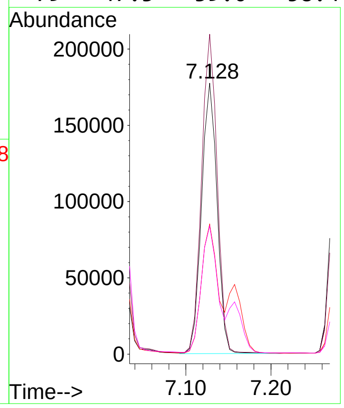
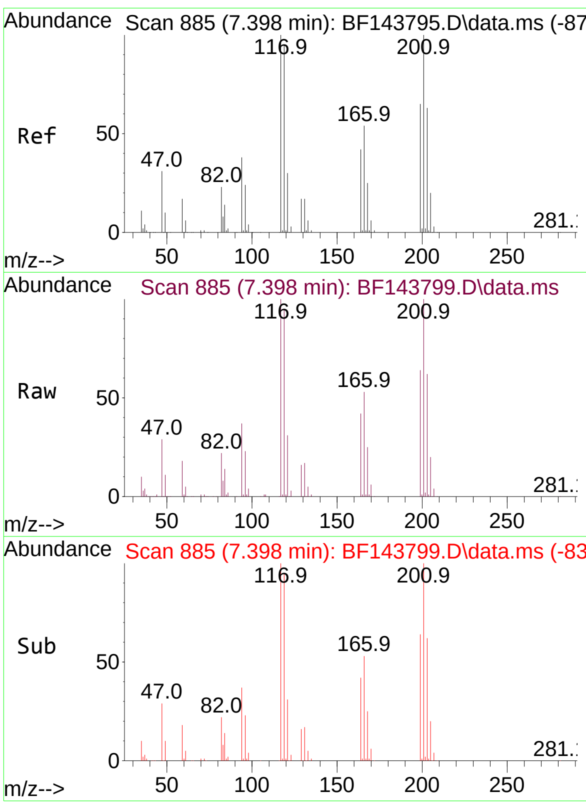


#17
2-Methylphenol
Concen: 42.304 ng
RT: 7.128 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion:107 Resp: 225398

Ion	Ratio	Lower	Upper
107	100		
108	118.1	94.2	141.4
77	47.9	38.6	58.0
79	47.3	39.0	58.4

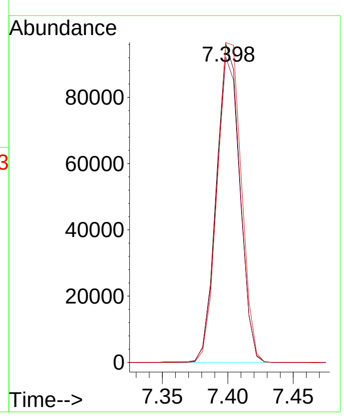




#18
Hexachloroethane
Concen: 42.878 ng
RT: 7.398 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion:117 Resp: 120246

Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.2	114.2
201	100.4	79.7	119.5



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

Instrument :
BNA_F
ClientSampleId :
ICVBF092325

Manual Integrations
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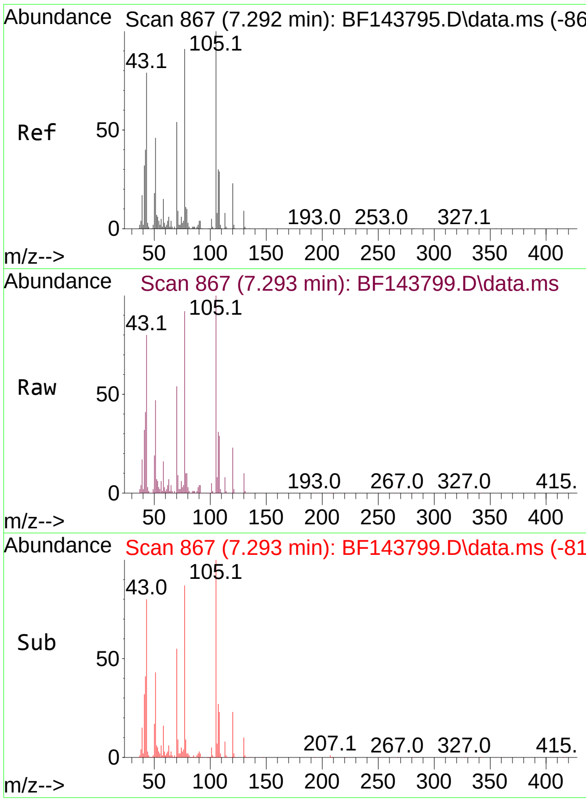
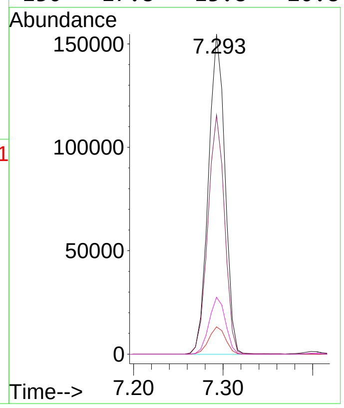
Supervised By :Jagrut Upadhyay 09/24/2025

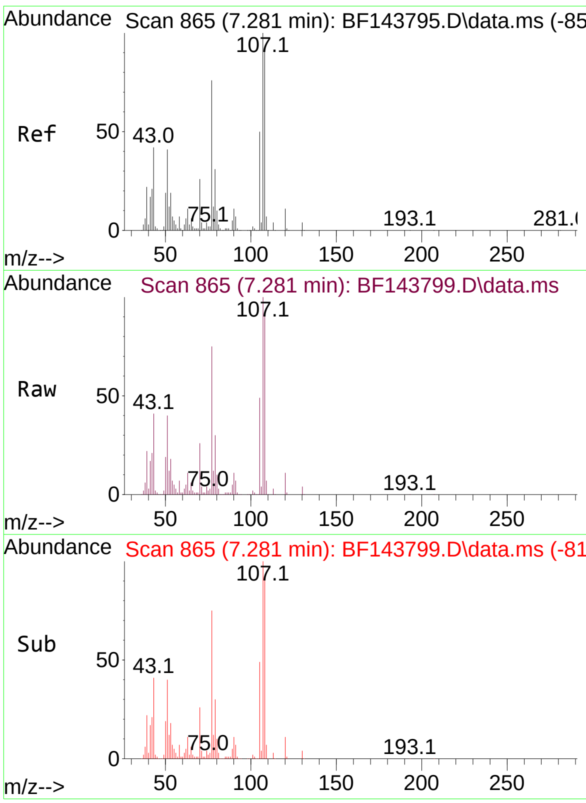


#19
n-Nitroso-di-n-propylamine
Concen: 39.810 ng
RT: 7.293 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion: 70 Resp: 19884

Ion	Ratio	Lower	Upper
70	100		
42	74.7	59.4	89.0
101	8.5	7.1	10.7
130	17.8	13.8	20.8

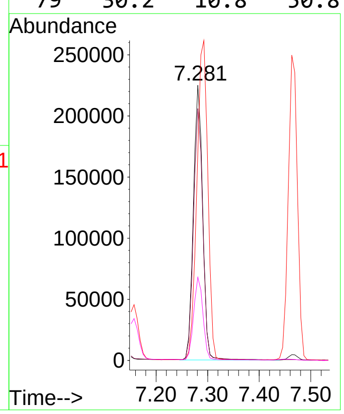




#20
3+4-Methylphenols
Concen: 43.619 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion:107 Resp: 283024

Ion	Ratio	Lower	Upper
107	100		
108	91.5	72.5	112.5
77	75.4	56.2	96.2
79	30.2	10.8	50.8



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

Instrument : BNA_F
ClientSampleId : ICVBF092325

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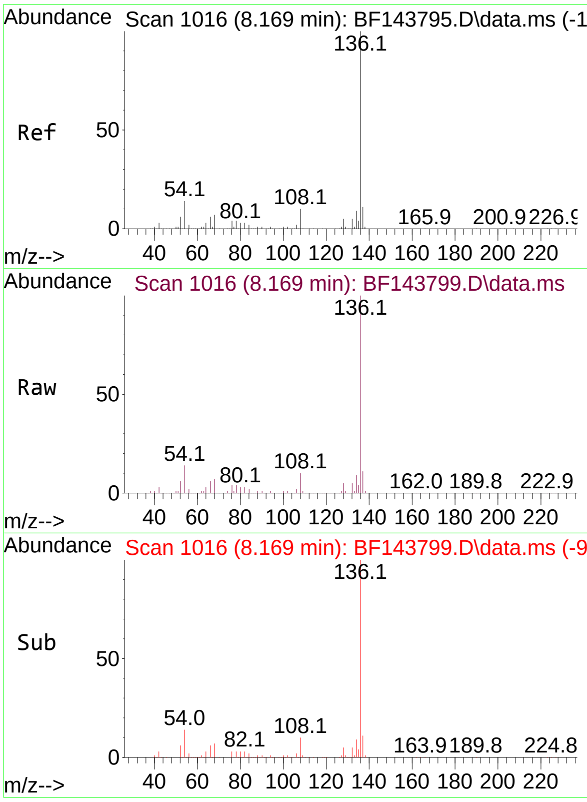
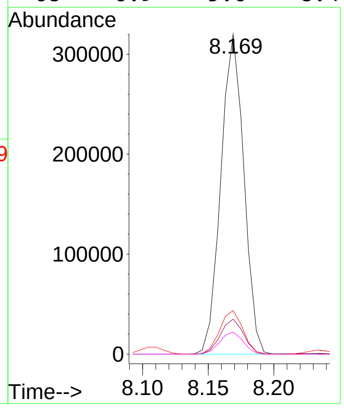
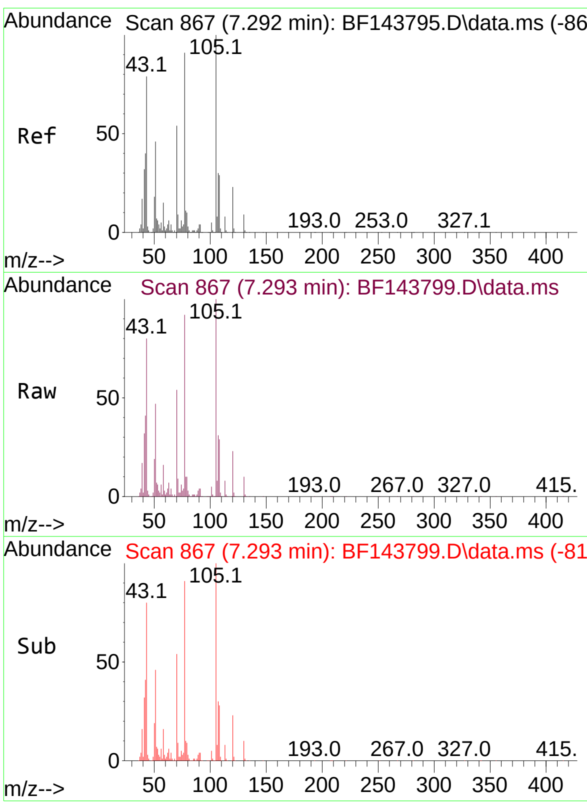



```
#21
Naphthalene-d8
Concen:   20.000 ng
RT:   8.169 min  Scan# 1016
Delta R.T.  -0.000 min
Lab File:   BF143799.D
Acq: 23 Sep 2025  17:42

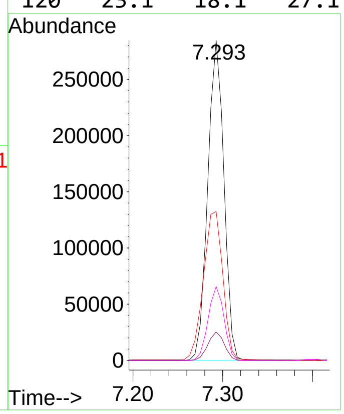
Tgt Ion:136 Resp:  390323
Ion  Ratio  Lower  Upper
136  100
137   10.9    9.0   13.4
 54   13.6   11.2   16.8
 68    6.9    5.6    8.4
```

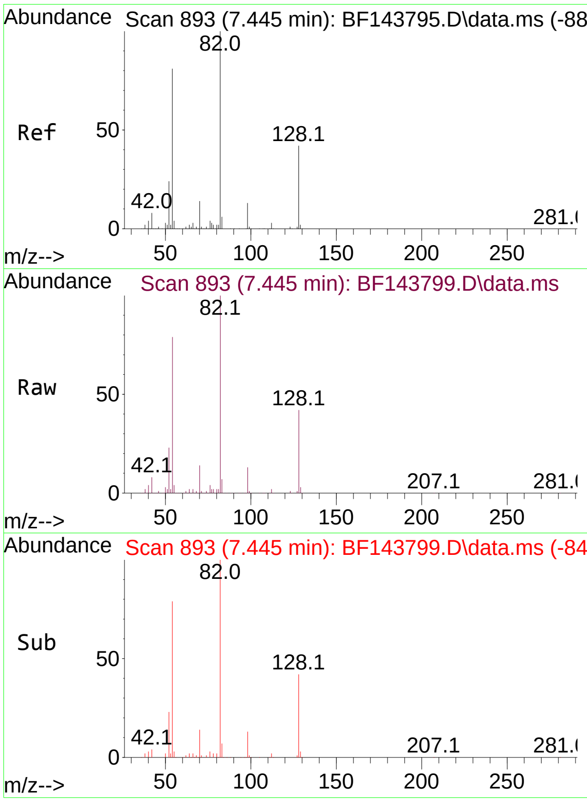





```
#22
Acetophenone
Concen:   41.524 ng
RT:   7.293 min  Scan# 867
Delta R.T.  -0.006 min
Lab File:   BF143799.D
Acq: 23 Sep 2025  17:42

Tgt Ion:105 Resp:  355985
Ion  Ratio  Lower  Upper
105  100
 71    8.9    7.0   10.4
 51   46.5   36.6   55.0
120   23.1   18.1   27.1
```





#23
Nitrobenzene-d5
Concen: 90.799 ng
RT: 7.445 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion: 82 Resp: 56315

Ion	Ratio	Lower	Upper
82	100		
128	42.2	33.3	49.9
54	79.5	64.2	96.4

Instrument :
BNA_F
ClientSampleId :
ICVBF092325

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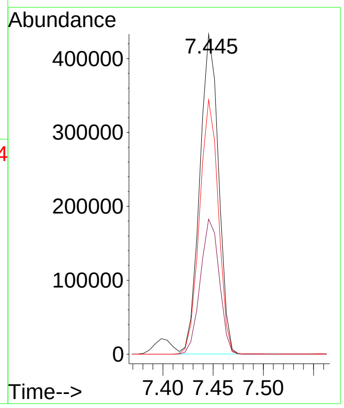
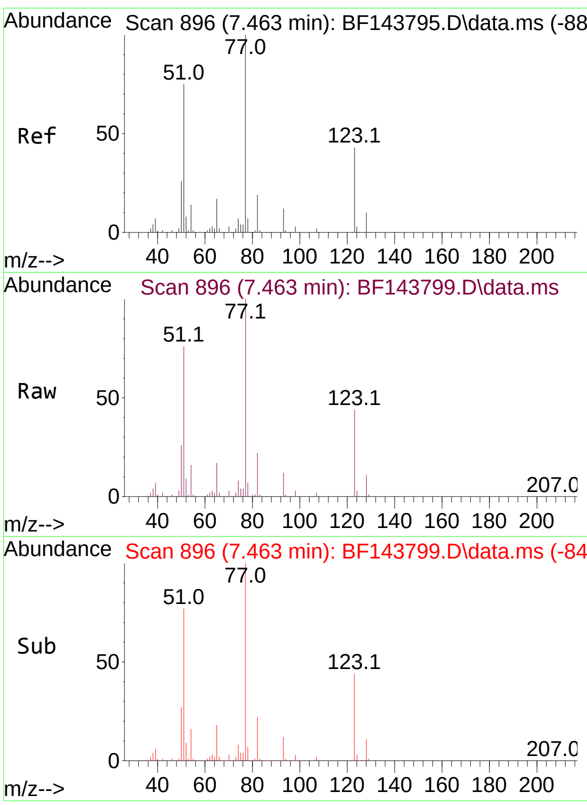


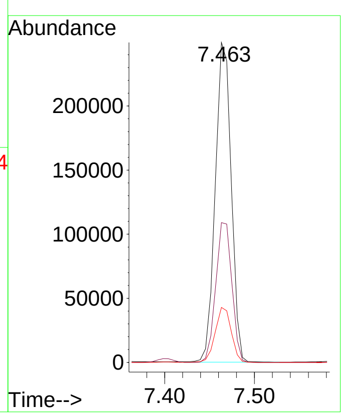
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

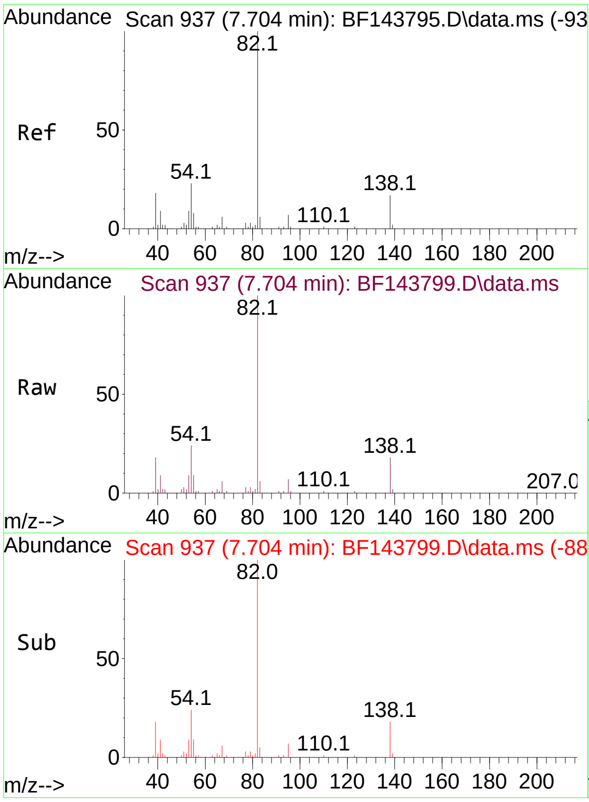


#24
Nitrobenzene
Concen: 43.582 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion: 77 Resp: 308041

Ion	Ratio	Lower	Upper
77	100		
123	43.7	34.0	51.0
65	17.2	13.5	20.3

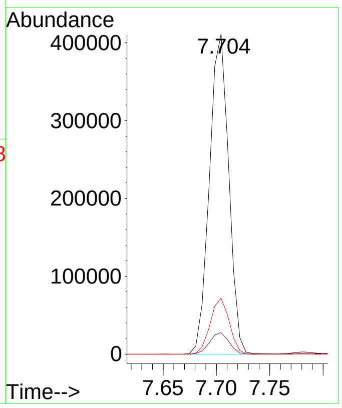




#25
Isophorone
Concen: 41.778 ng
RT: 7.704 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion: 82 Resp: 519134

Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.4	8.2
138	17.5	13.7	20.5



Instrument :
BNA_F
ClientSampleId :
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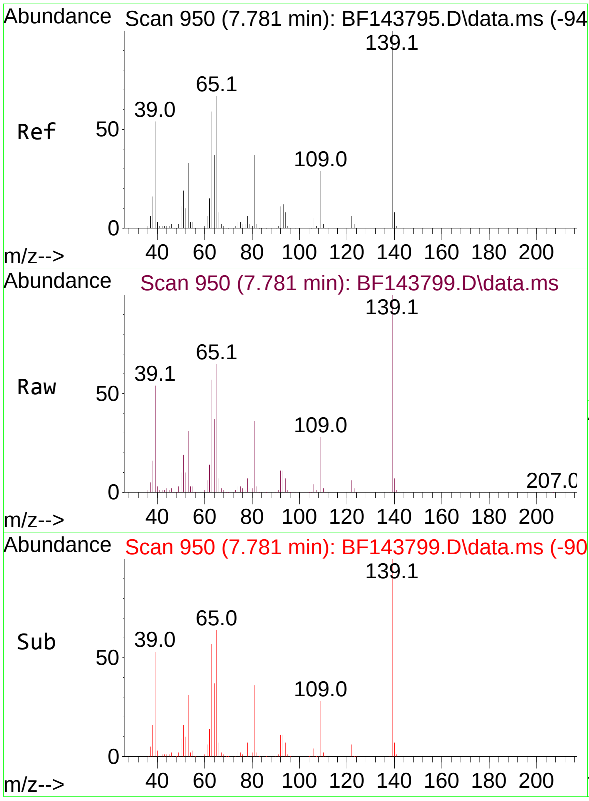
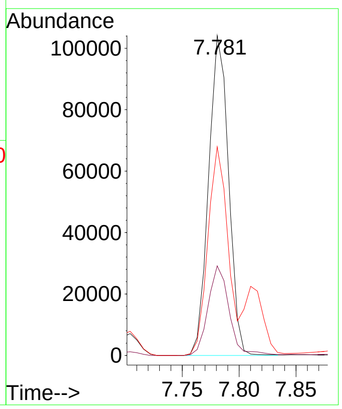
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18



#26
2-Nitrophenol
Concen: 44.135 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.005 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion:139 Resp: 127397

Ion	Ratio	Lower	Upper
139	100		
109	28.0	23.3	34.9
65	65.2	53.8	80.6



Instrument :
BNA_F
ClientSampleId :
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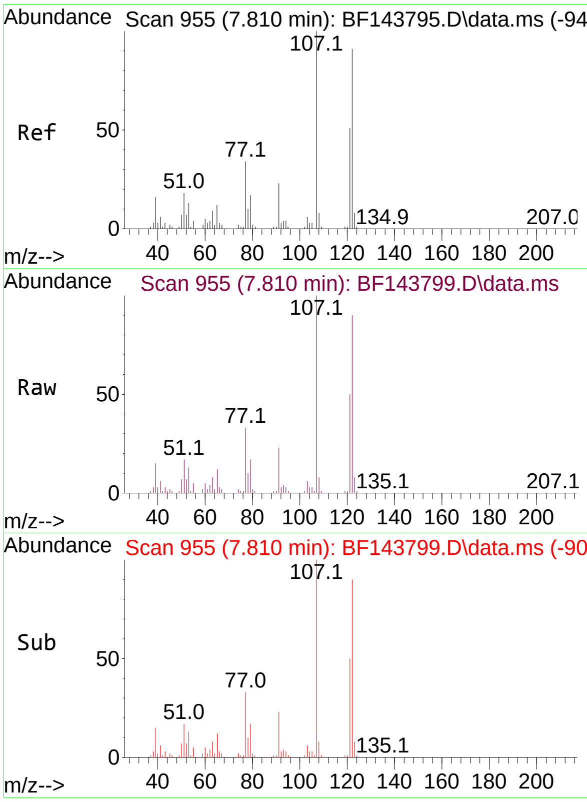
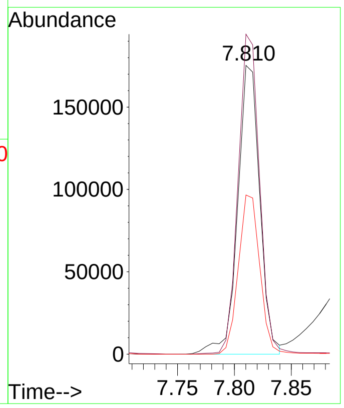
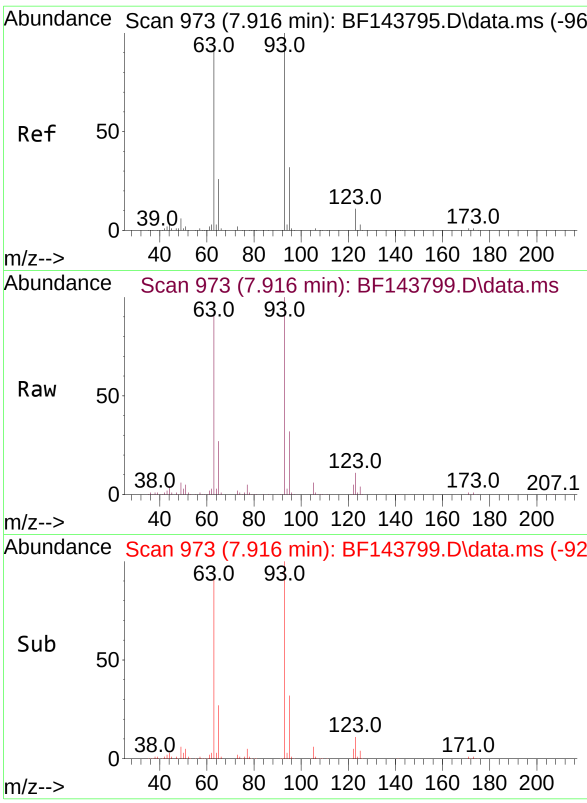


#27
2,4-Dimethylphenol
Concen: 42.725 ng
RT: 7.810 min Scan# 95
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion:122 Resp: 237292

Ion	Ratio	Lower	Upper
122	100		
107	110.8	87.5	131.3
121	55.1	44.2	66.4

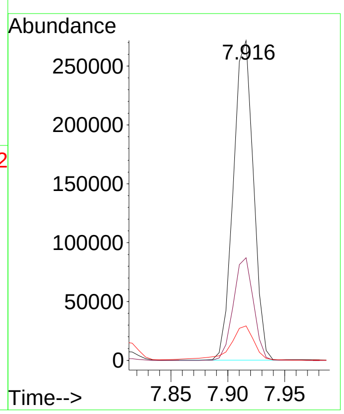


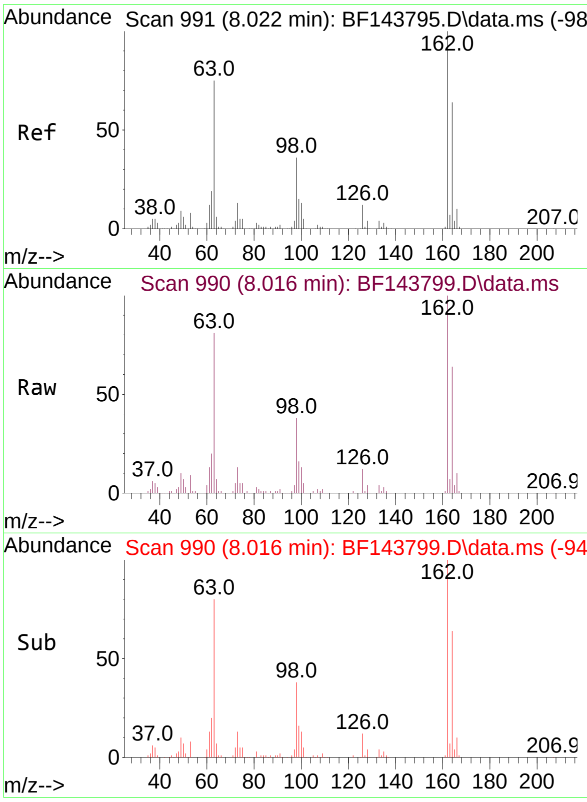


#28
bis(2-Chloroethoxy)methane
Concen: 41.459 ng
RT: 7.916 min Scan# 973
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion: 93 Resp: 334704

Ion	Ratio	Lower	Upper
93	100		
95	32.1	25.8	38.8
123	10.8	8.8	13.2





#29
2,4-Dichlorophenol
Concen: 42.921 ng
RT: 8.016 min Scan# 99
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion:162 Resp: 23456

Ion	Ratio	Lower	Upper
162	100		
164	64.3	44.1	84.1
98	38.0	15.8	55.8

Instrument :
BNA_F
ClientSampleId :
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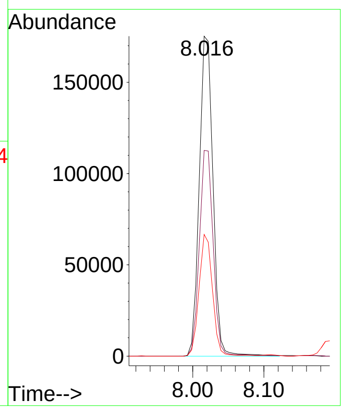
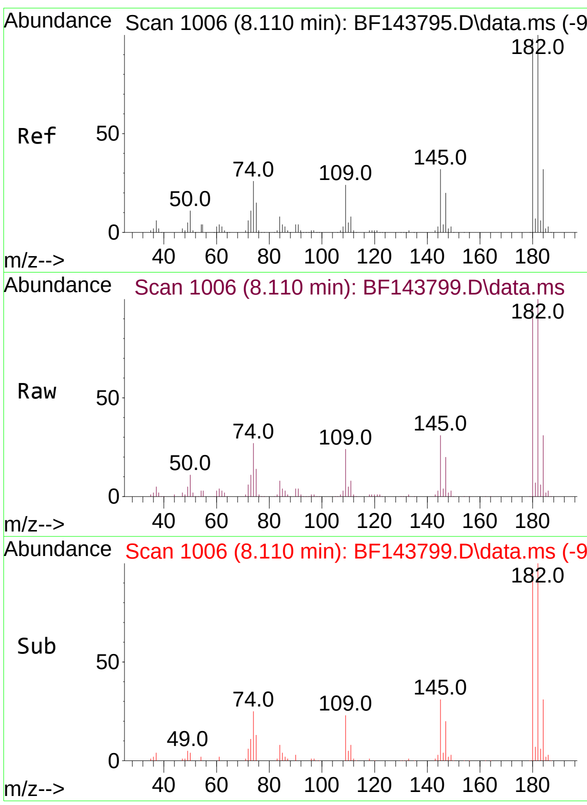
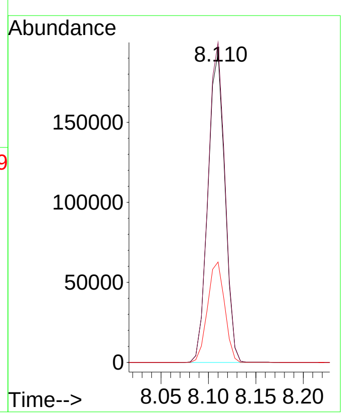




#30
1,2,4-Trichlorobenzene
Concen: 42.395 ng
RT: 8.110 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion:180 Resp: 240436

Ion	Ratio	Lower	Upper
180	100		
182	103.4	82.0	123.0
145	32.4	25.9	38.9



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

Instrument :
BNA_F
ClientSampleId :
ICVBF092325

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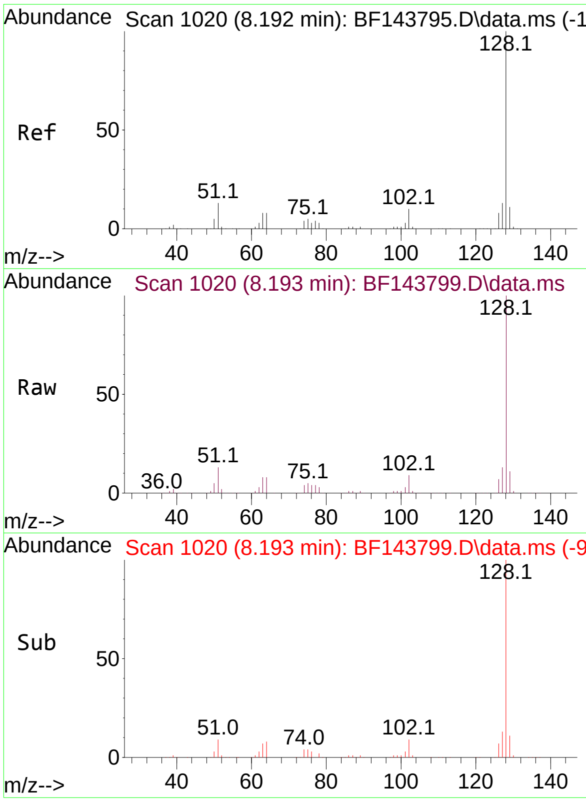
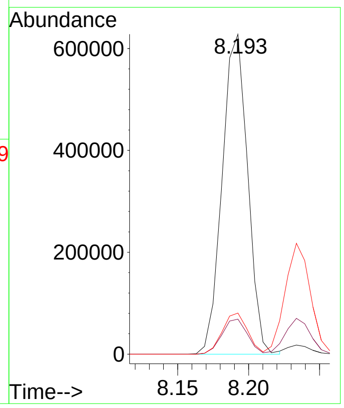
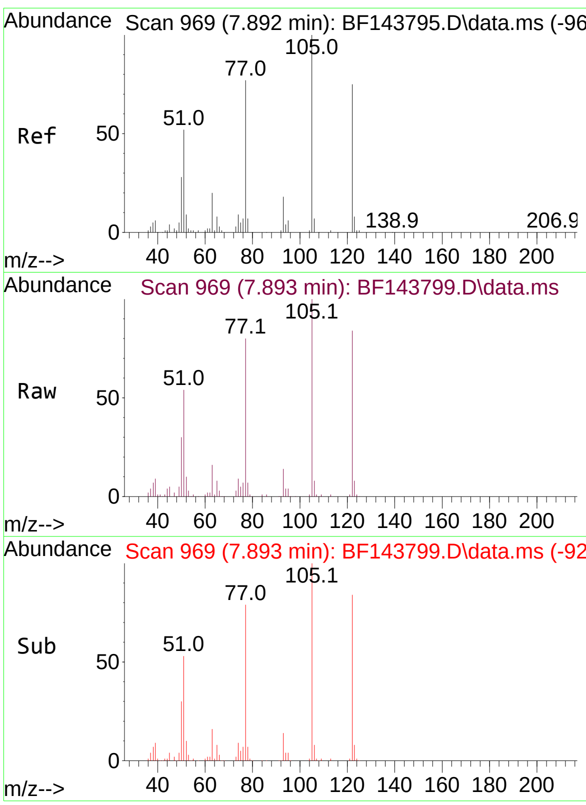


#31
Naphthalene
Concen: 42.019 ng
RT: 8.193 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion:128 Resp: 785137

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	12.8	10.2	15.4

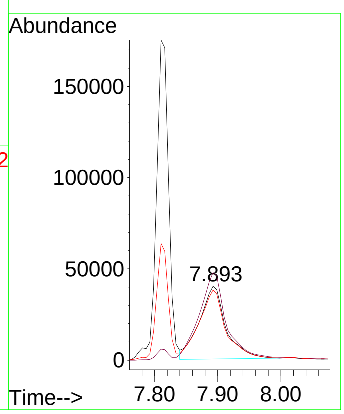




#32
Benzoic acid
Concen: 43.922 ng
RT: 7.893 min Scan# 969
Delta R.T. -0.029 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion:122 Resp: 117697

Ion	Ratio	Lower	Upper
122	100		
105	118.7	103.7	143.7
77	94.9	78.8	118.8



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

Instrument :
BNA_F
ClientSampleId :
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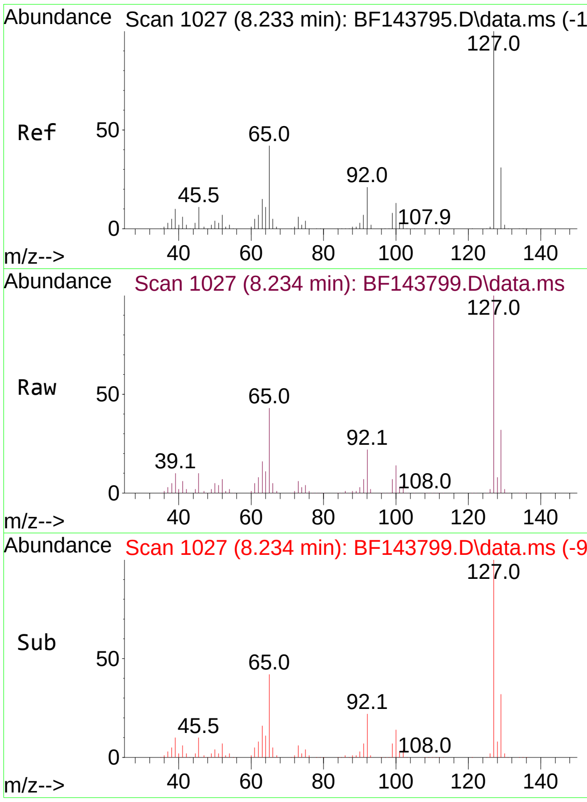
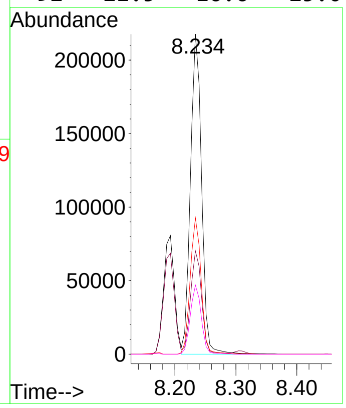
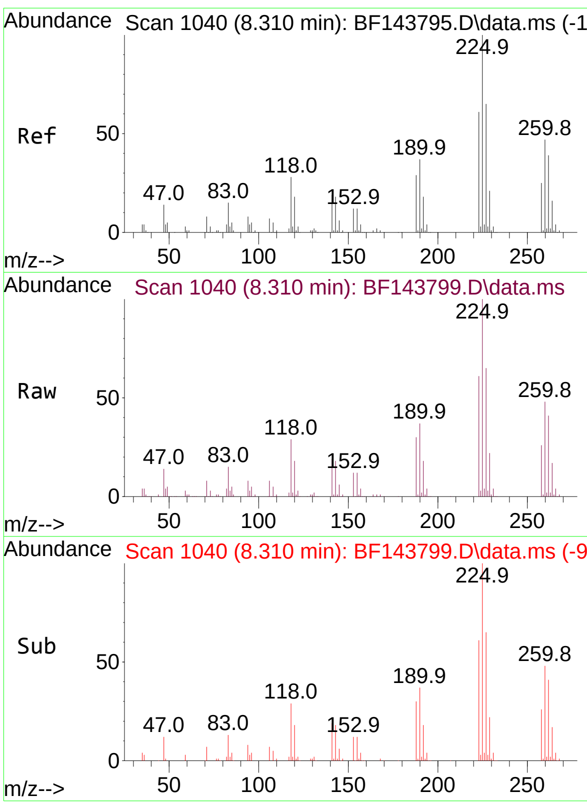


#33
4-Chloroaniline
Concen: 41.955 ng
RT: 8.234 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion:127 Resp: 27548

Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.4	38.2
65	42.5	33.4	50.2
92	21.5	16.6	25.0

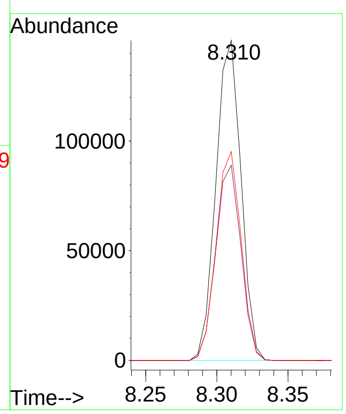




#34
Hexachlorobutadiene
Concen: 42.413 ng
RT: 8.310 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion:225 Resp: 179313

Ion	Ratio	Lower	Upper
225	100		
223	61.0	48.6	72.8
227	65.2	51.9	77.9



Instrument :
BNA_F
ClientSampleId :
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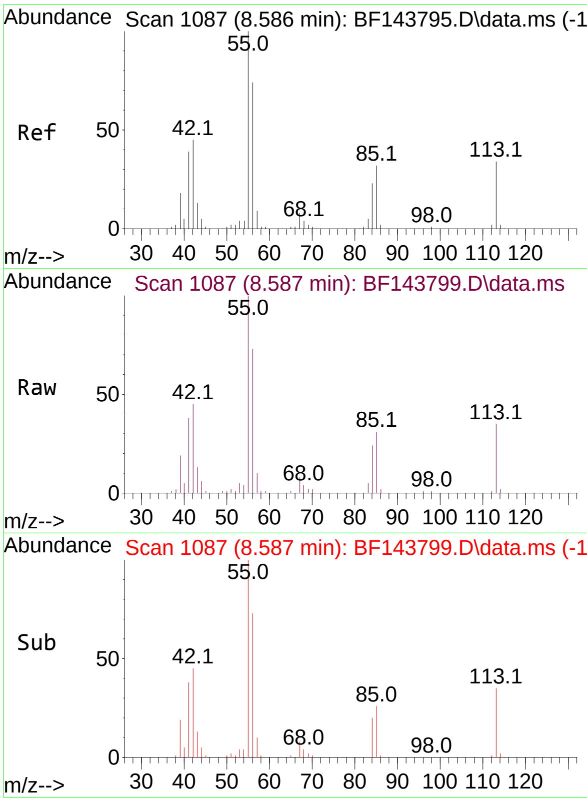
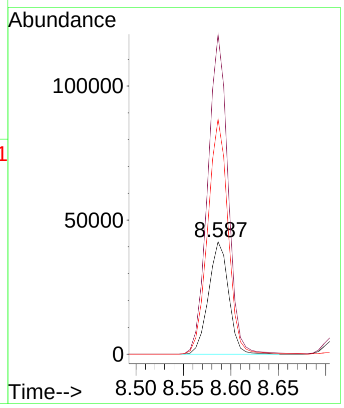
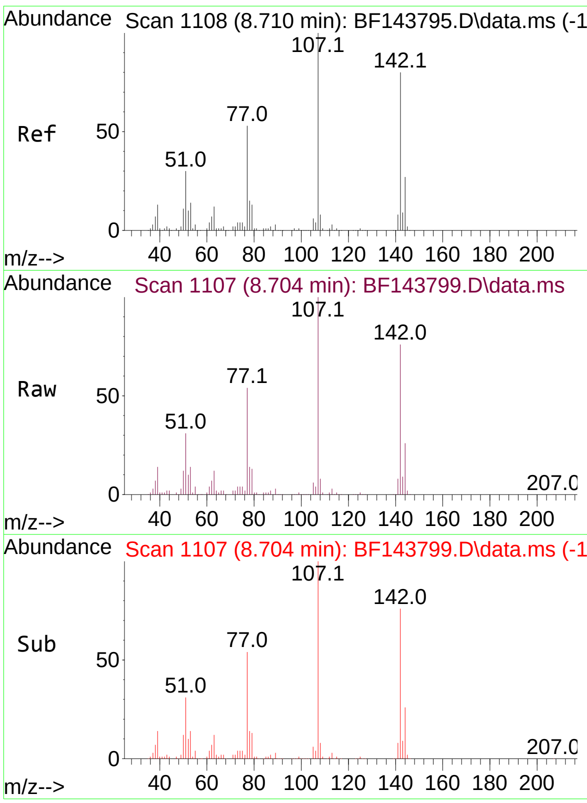


#35
Caprolactam
Concen: 44.018 ng
RT: 8.587 min Scan# 10
Delta R.T. -0.023 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion:113 Resp: 61486

Ion	Ratio	Lower	Upper
113	100		
55	284.8	271.7	311.7
56	209.2	194.5	234.5

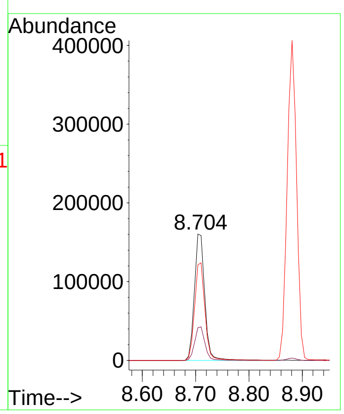


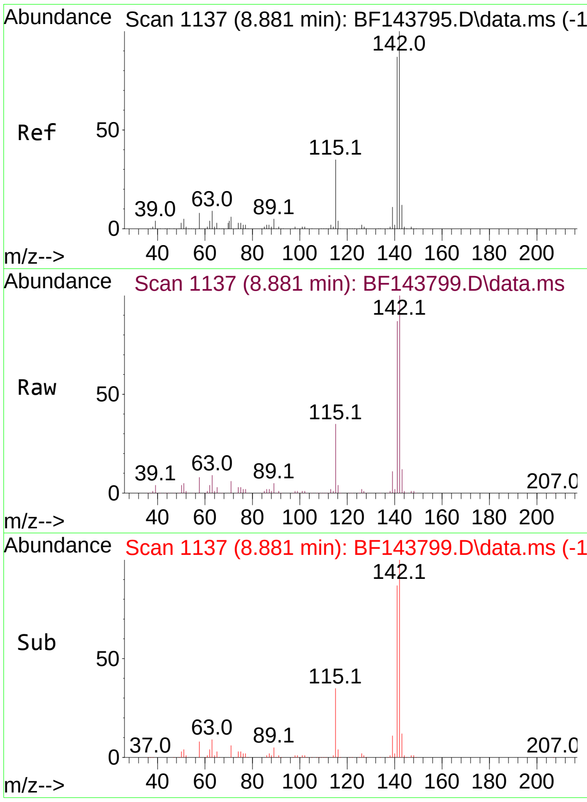


#36
4-Chloro-3-methylphenol
Concen: 42.485 ng
RT: 8.704 min Scan# 1107
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion:107 Resp: 217750

Ion	Ratio	Lower	Upper
107	100		
144	26.0	21.8	32.8
142	75.7	63.6	95.4





#37
2-Methylnaphthalene
Concen: 41.689 ng
RT: 8.881 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion:142 Resp: 49670

Ion	Ratio	Lower	Upper
142	100		
141	87.4	69.4	104.0

Instrument :
BNA_F
ClientSampleId :
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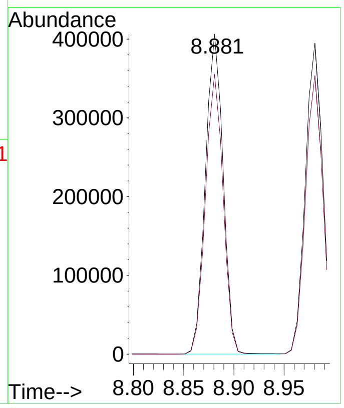

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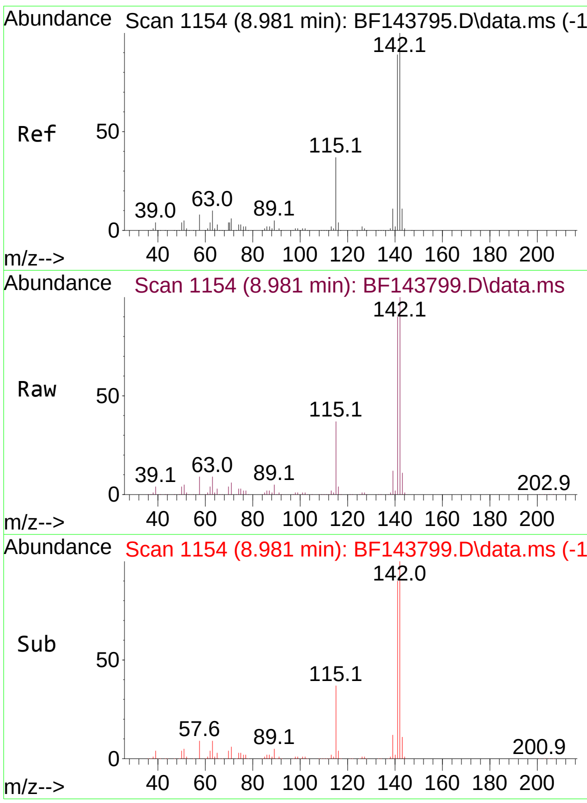
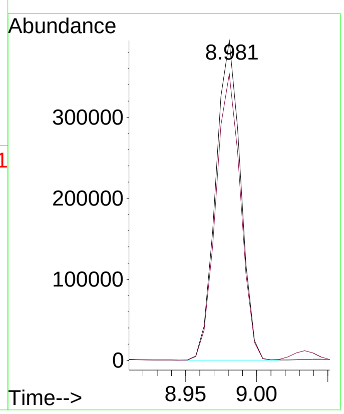
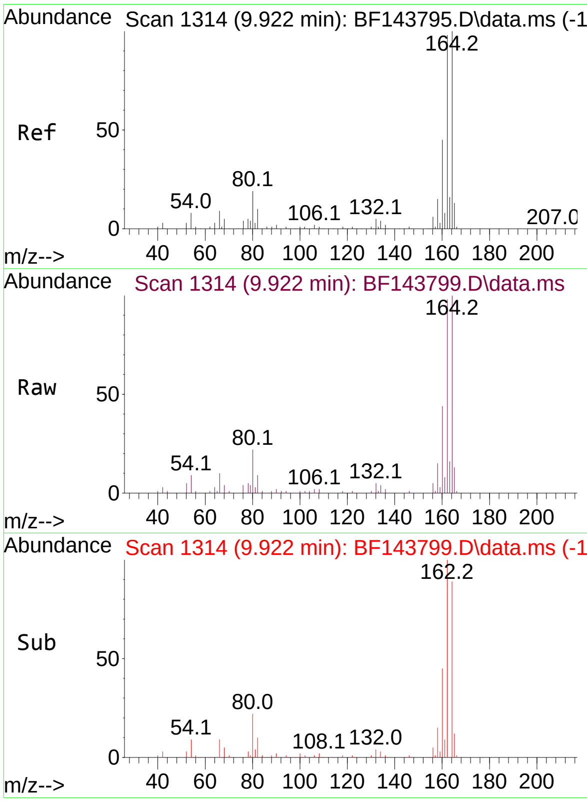


#38
1-Methylnaphthalene
Concen: 41.968 ng
RT: 8.981 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion:142 Resp: 478612

Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.1	106.7

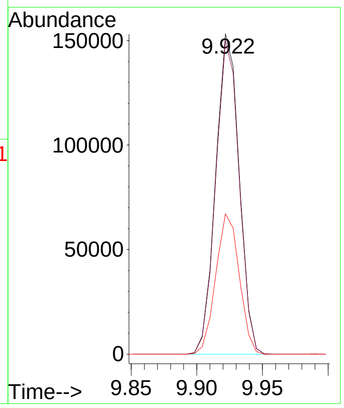




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion:164 Resp: 191064

Ion	Ratio	Lower	Upper
164	100		
162	97.9	78.8	118.2
160	43.8	35.8	53.6



Instrument : BNA_F
ClientSampleId : ICVBF092325

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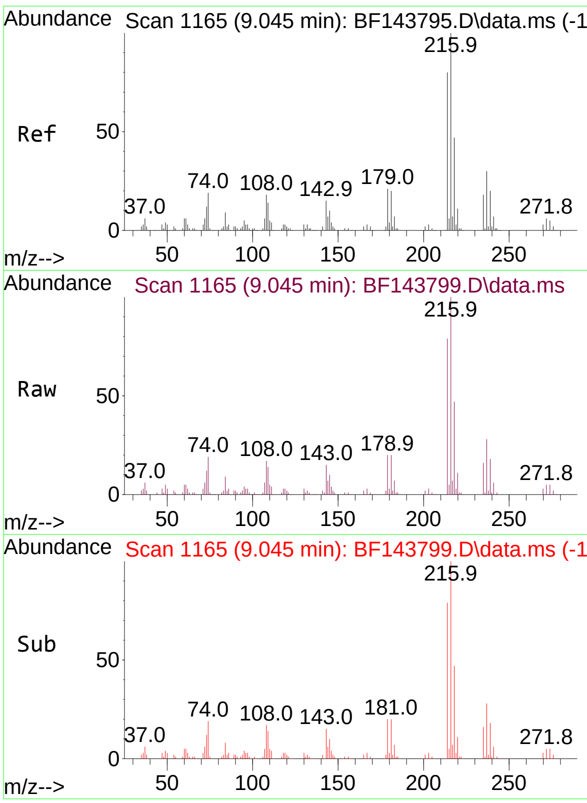
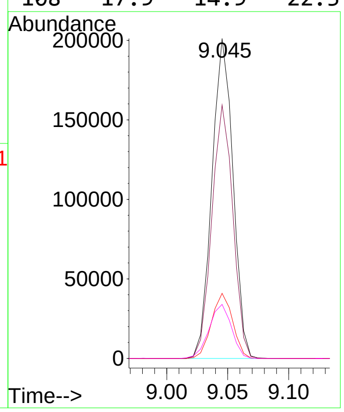
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.989 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion:216 Resp: 242106

Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.7	95.5
179	20.4	16.5	24.7
108	17.9	14.9	22.3



Instrument :
BNA_F
ClientSampleId :
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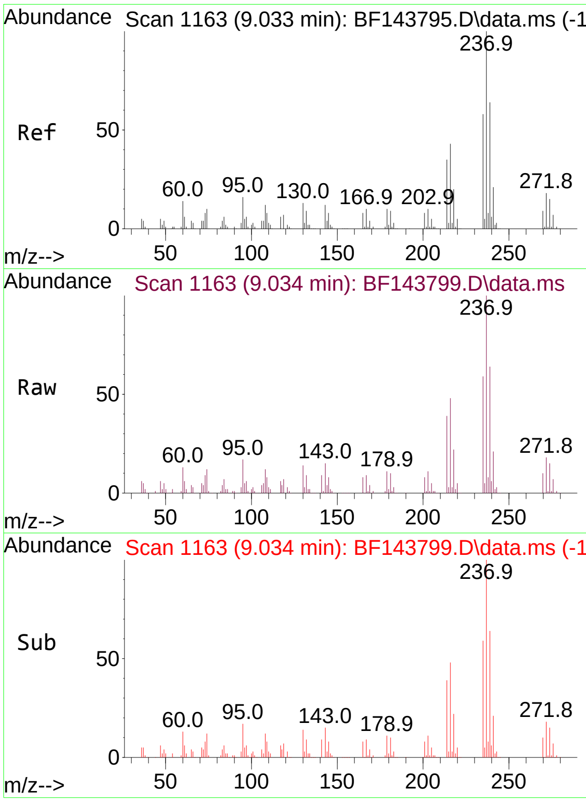
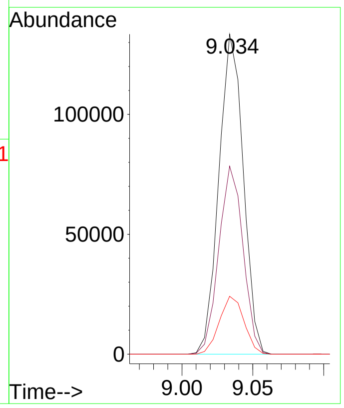
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

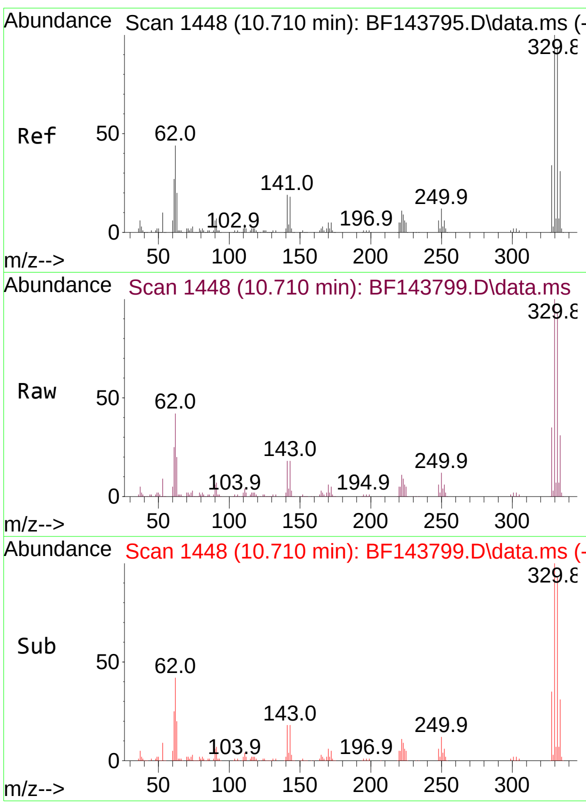


#41
Hexachlorocyclopentadiene
Concen: 43.786 ng
RT: 9.034 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion:237 Resp: 160009

Ion	Ratio	Lower	Upper
237	100		
235	58.7	38.1	78.1
272	18.1	0.0	37.9

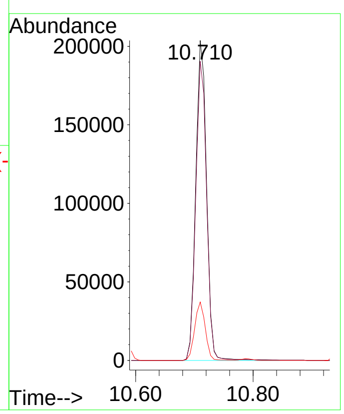


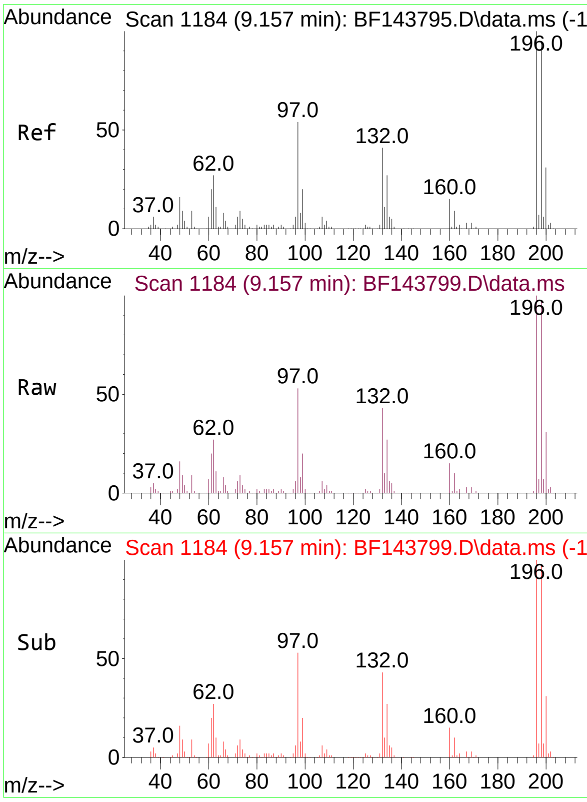


#42
2,4,6-Tribromophenol
Concen: 95.600 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion:330 Resp: 260676

Ion	Ratio	Lower	Upper
330	100		
332	93.5	74.7	112.1
141	17.8	14.3	21.5





#43
2,4,6-Trichlorophenol
Concen: 45.018 ng
RT: 9.157 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion:196 Resp: 16253

Ion	Ratio	Lower	Upper
196	100		
198	97.4	76.2	114.2
200	31.3	24.7	37.1

Instrument :
BNA_F
ClientSampleId :
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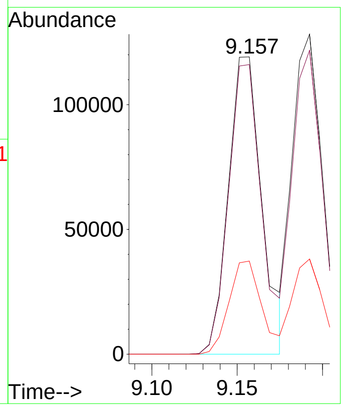

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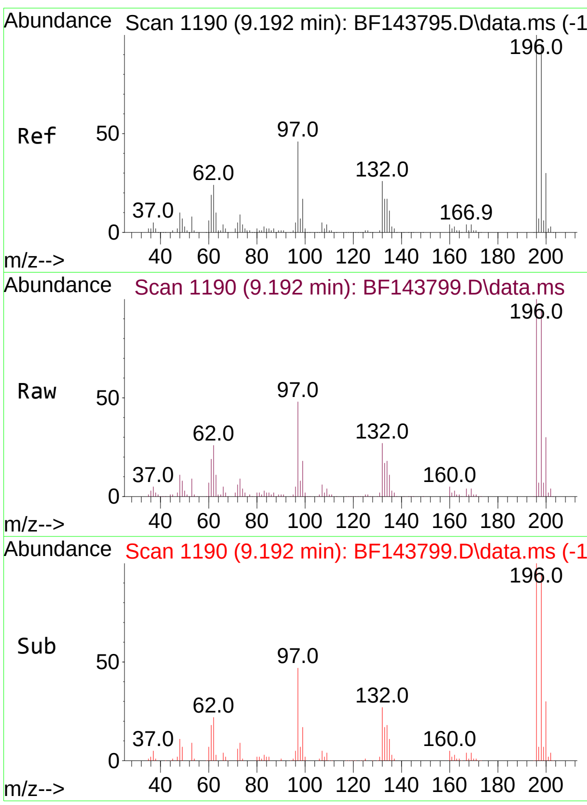
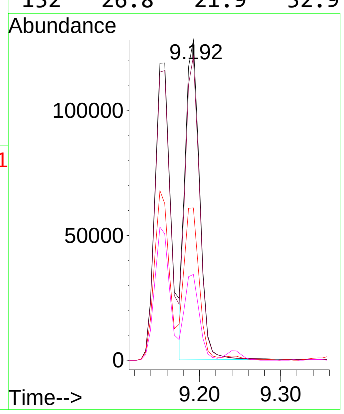
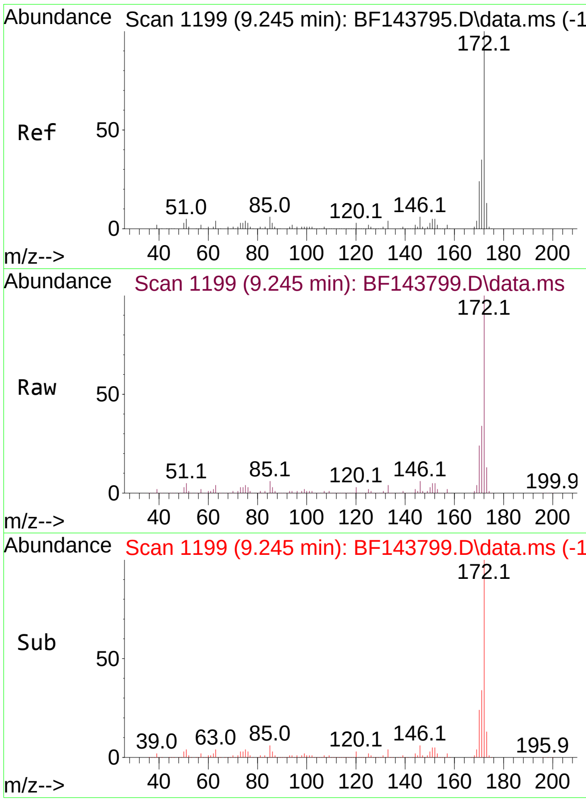


#44
2,4,5-Trichlorophenol
Concen: 42.310 ng
RT: 9.192 min Scan# 1190
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion:196 Resp: 159783

Ion	Ratio	Lower	Upper
196	100		
198	94.9	75.9	113.9
97	47.6	38.3	57.5
132	26.8	21.9	32.9





#45
2-Fluorobiphenyl
Concen: 79.843 ng
RT: 9.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion:172 Resp: 103231

Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.9	41.9
170	23.7	19.1	28.7

Instrument :
BNA_F
ClientSampleId :
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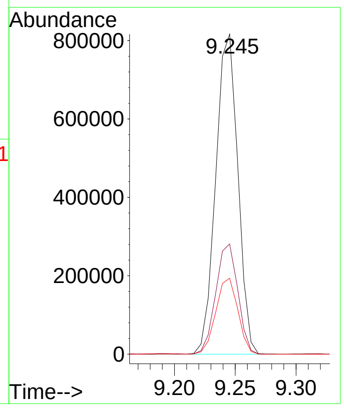
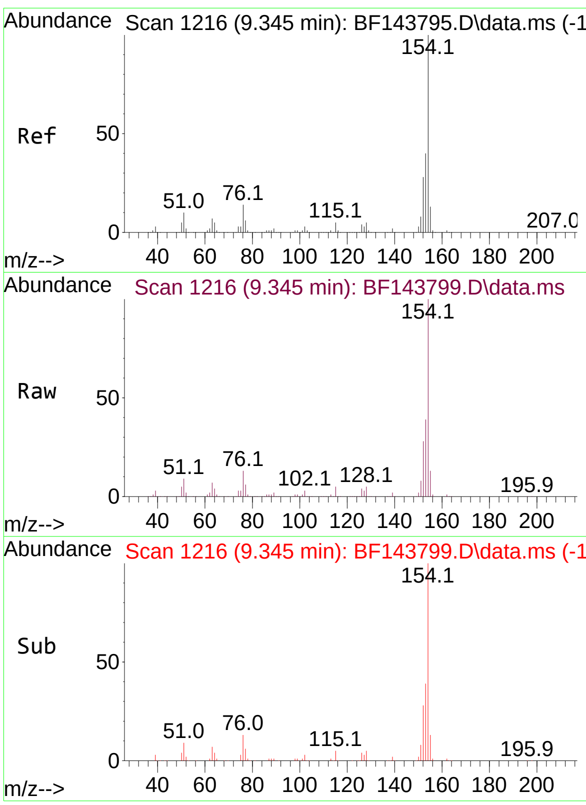
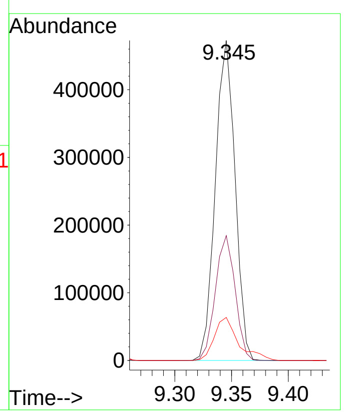




#46
1,1'-Biphenyl
Concen: 41.254 ng
RT: 9.345 min Scan# 1216
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion:154 Resp: 570562

Ion	Ratio	Lower	Upper
154	100		
153	39.0	19.7	59.7
76	13.4	0.0	33.8



Instrument :
BNA_F
ClientSampleId :
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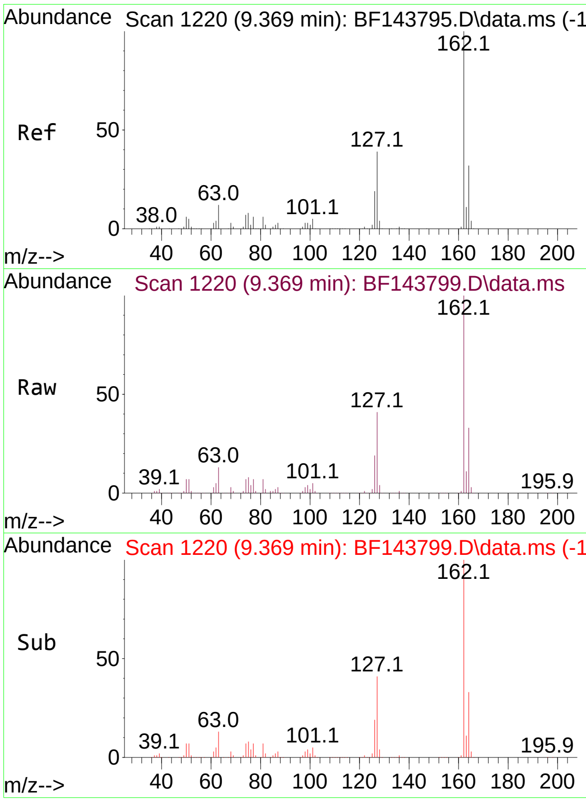
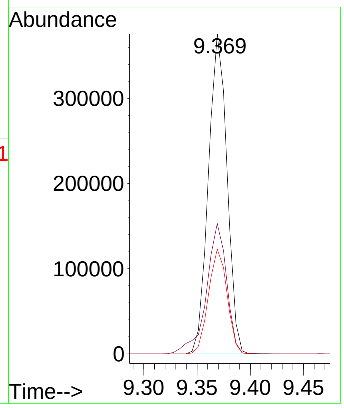
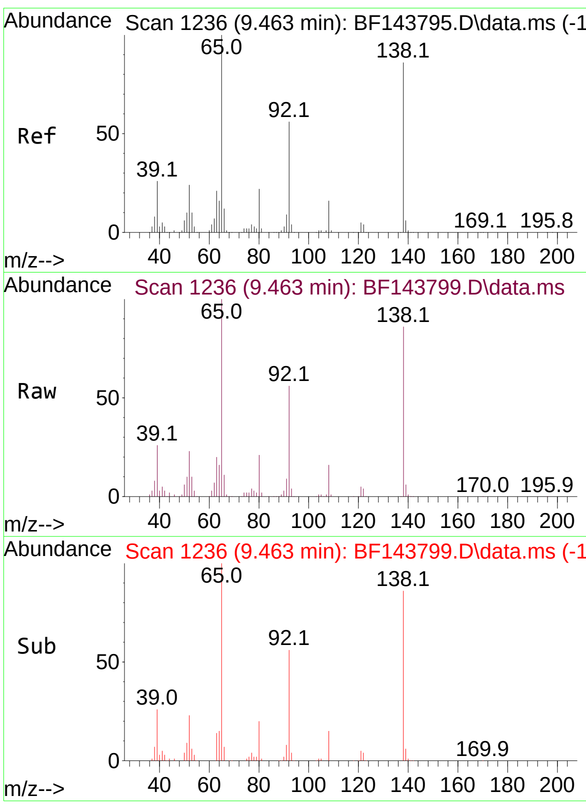


#47
2-Chloronaphthalene
Concen: 41.133 ng
RT: 9.369 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion:162 Resp: 45792

Ion	Ratio	Lower	Upper
162	100		
127	40.7	31.5	47.3
164	32.7	25.9	38.9

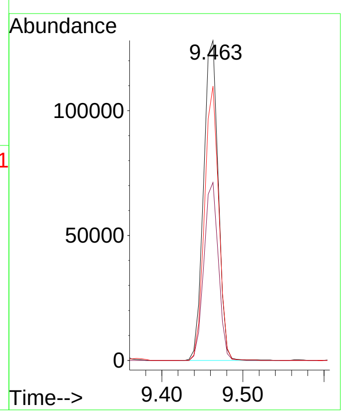




#48
2-Nitroaniline
Concen: 48.090 ng
RT: 9.463 min Scan# 1236
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion: 65 Resp: 161814

Ion	Ratio	Lower	Upper
65	100		
92	55.6	44.9	67.3
138	85.7	69.0	103.4



Instrument :
BNA_F
ClientSampleId :
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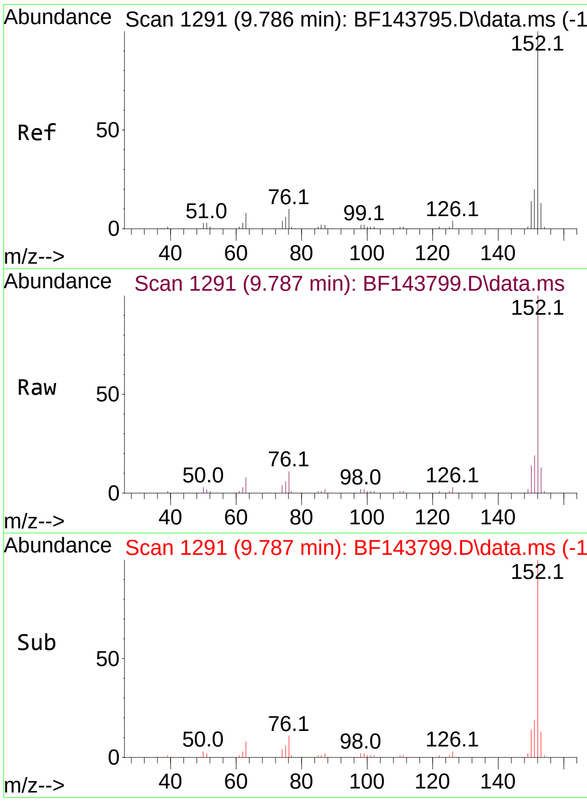
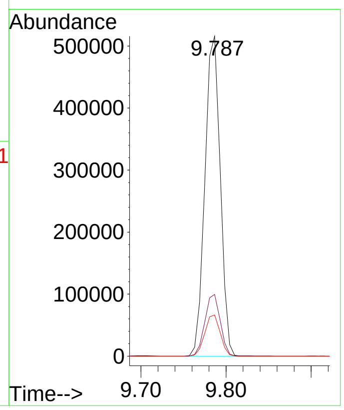
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

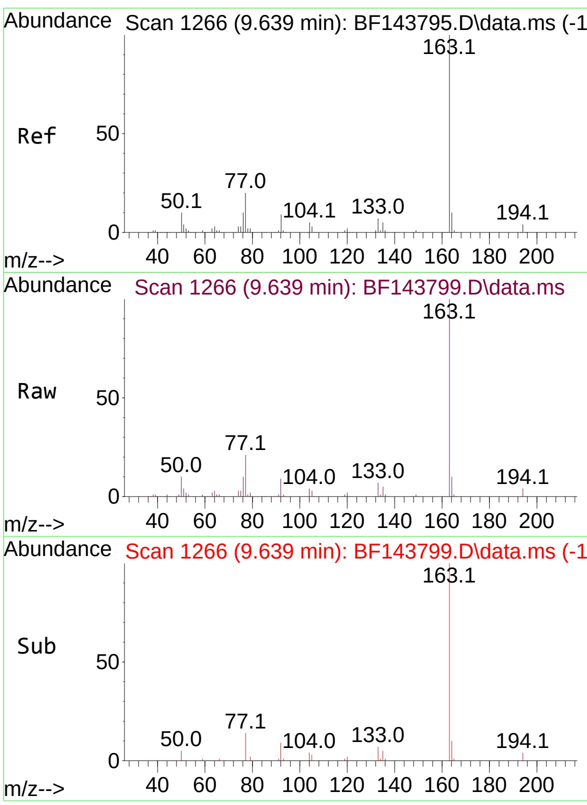


#49
Acenaphthylene
Concen: 42.279 ng
RT: 9.787 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion:152 Resp: 64797

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.7	23.5
153	12.9	10.6	15.8

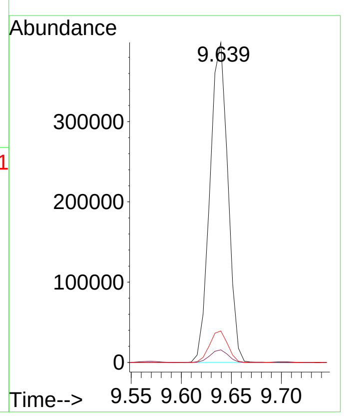




#50
Dimethylphthalate
Concen: 42.624 ng
RT: 9.639 min Scan# 1266
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion:163 Resp: 496374

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.6
164	9.8	8.2	12.2



Instrument :
BNA_F
ClientSampleId :
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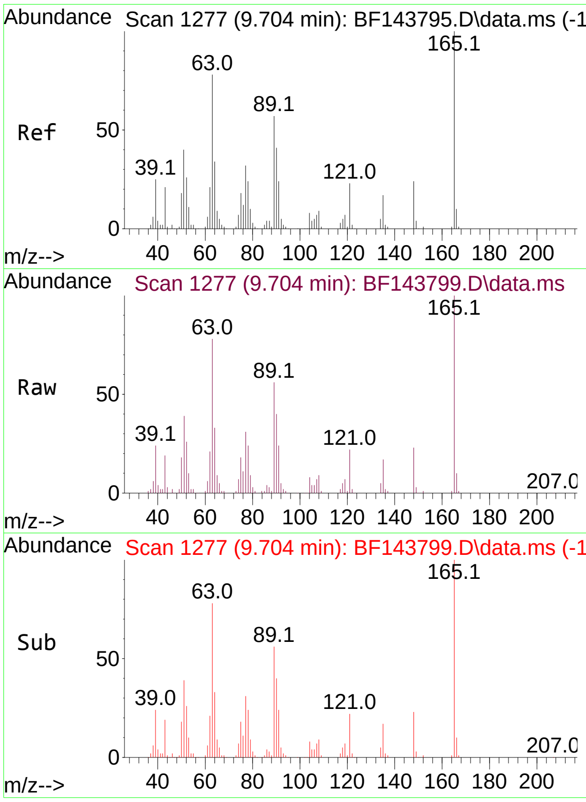
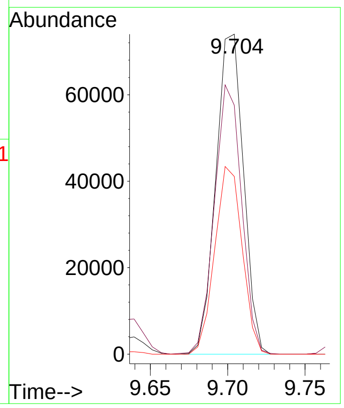
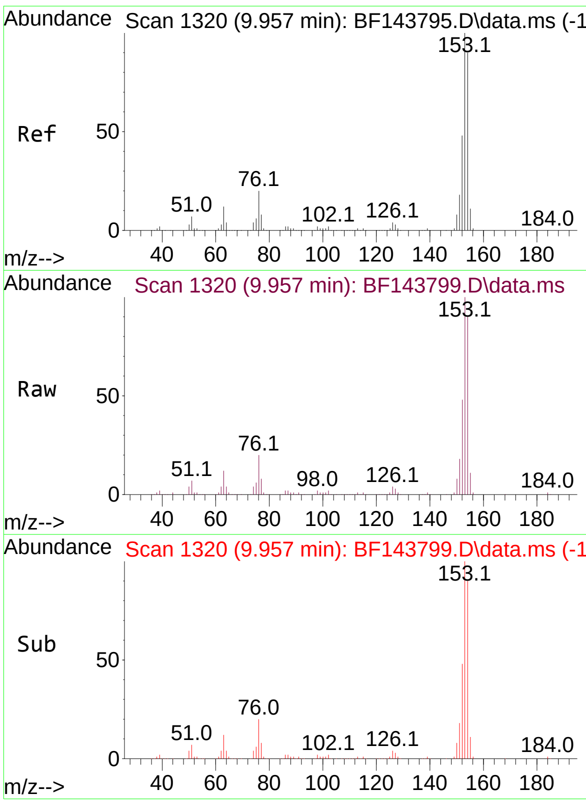


#51
2,6-Dinitrotoluene
Concen: 48.254 ng
RT: 9.704 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion:165 Resp: 9232

Ion	Ratio	Lower	Upper
165	100		
63	77.8	62.6	94.0
89	55.5	45.2	67.8

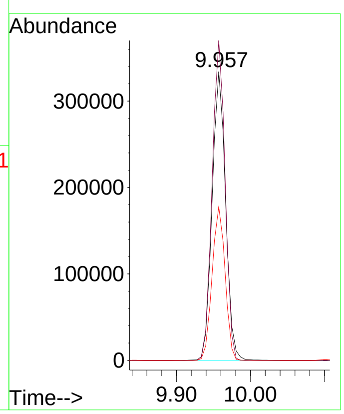




#52
Acenaphthene
Concen: 41.869 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion:154 Resp: 422277

Ion	Ratio	Lower	Upper
154	100		
153	110.8	88.7	133.1
152	53.2	42.7	64.1



Instrument :
BNA_F
ClientSampleId :
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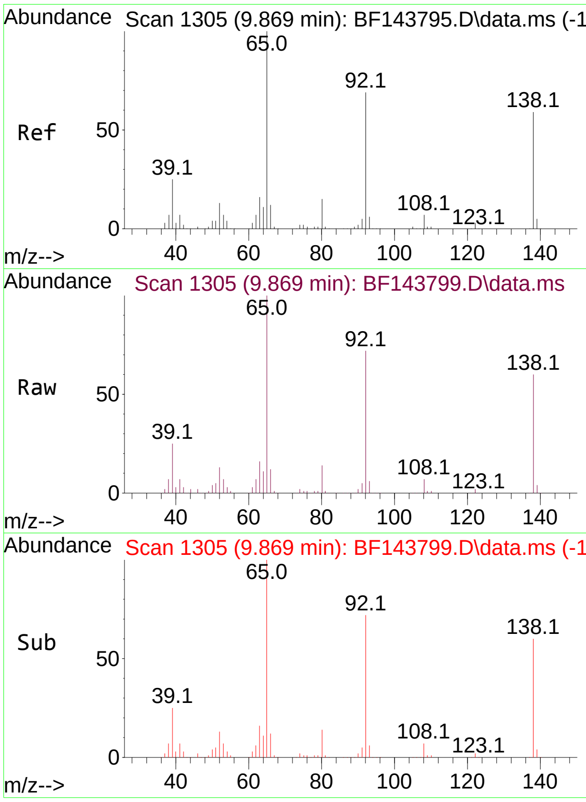
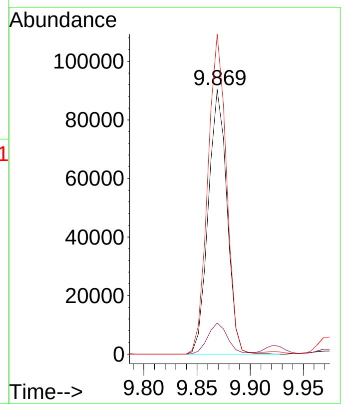
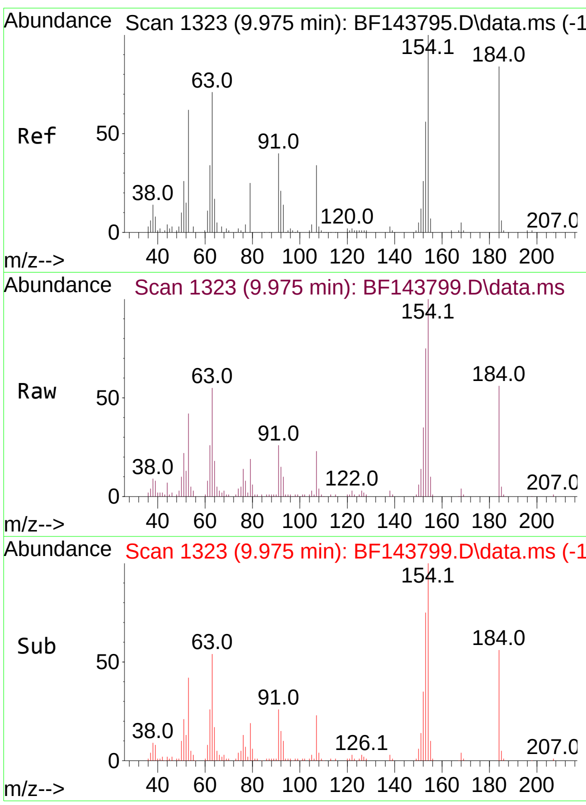



```
#53
3-Nitroaniline
Concen:   47.665 ng
RT:    9.869 min  Scan# 13
Delta R.T.   -0.006 min
Lab File:    BF143799.D
Acq: 23 Sep 2025   17:42

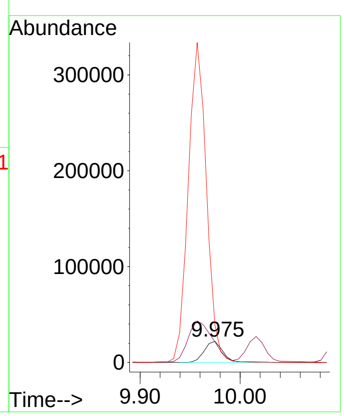
Tgt Ion:138 Resp:   11054
Ion  Ratio   Lower   Upper
138  100
108   11.8     9.9    14.9
 92  121.1    93.5   140.3
```

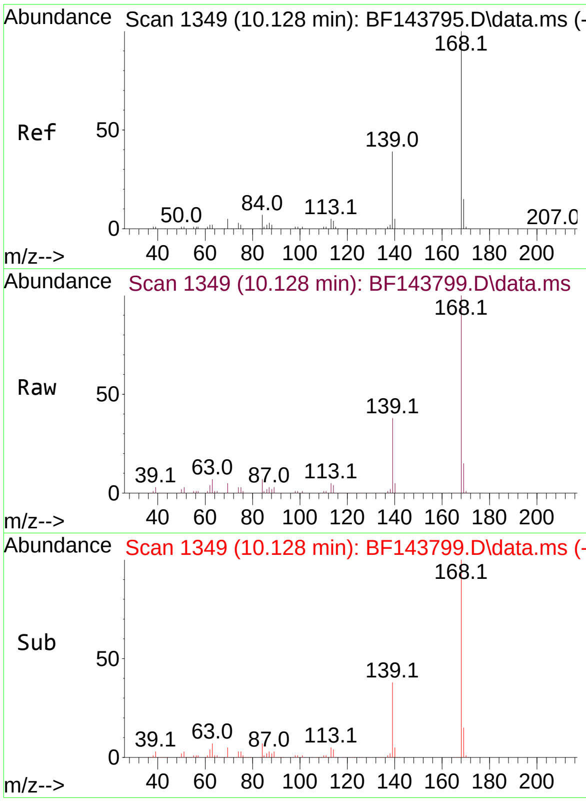





```
#54
2,4-Dinitrophenol
Concen:   46.217 ng
RT:    9.975 min  Scan# 1323
Delta R.T.   -0.000 min
Lab File:    BF143799.D
Acq: 23 Sep 2025   17:42

Tgt Ion:184 Resp:    28355
Ion  Ratio   Lower   Upper
184  100
 63   97.8    84.6   127.0
154  177.3   199.3   298.9#
```





#55
Dibenzofuran
Concen: 42.251 ng
RT: 10.128 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion:168 Resp: 60257

Ion	Ratio	Lower	Upper
168	100		
139	38.5	31.0	46.6
169	15.0	11.9	17.9

Instrument :
BNA_F
ClientSampleId :
ICVBF092325

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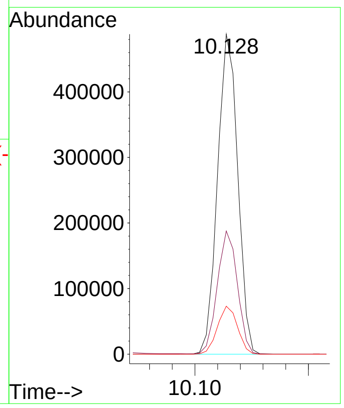
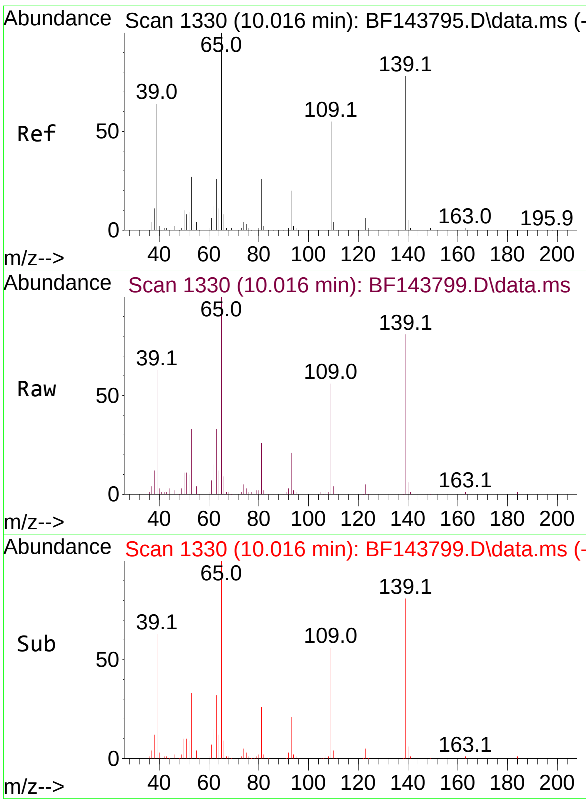
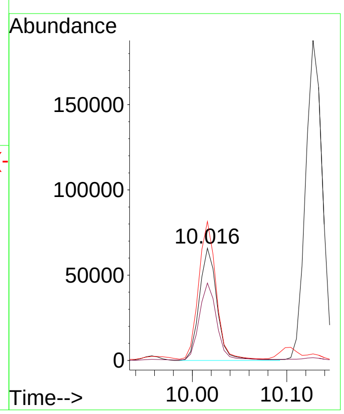


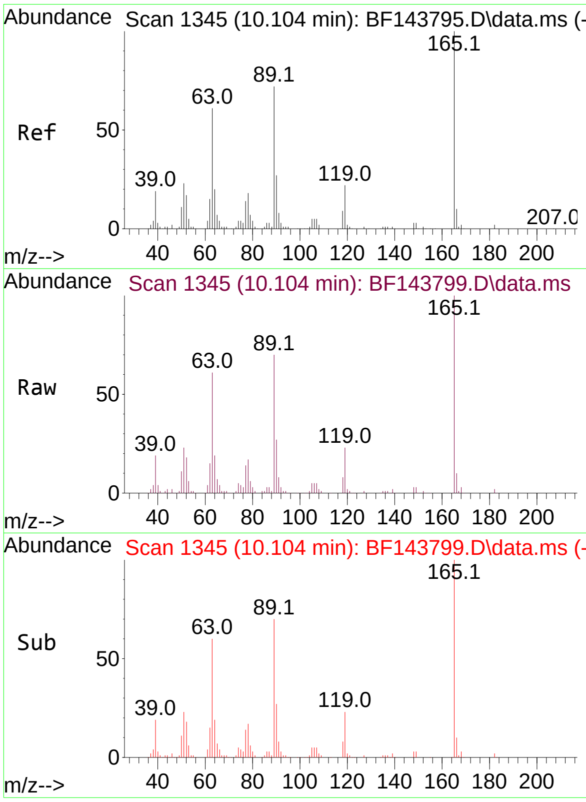


#56
4-Nitrophenol
Concen: 45.864 ng
RT: 10.016 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion:139 Resp: 85715

Ion	Ratio	Lower	Upper
139	100		
109	68.8	50.2	90.2
65	123.7	109.2	149.2

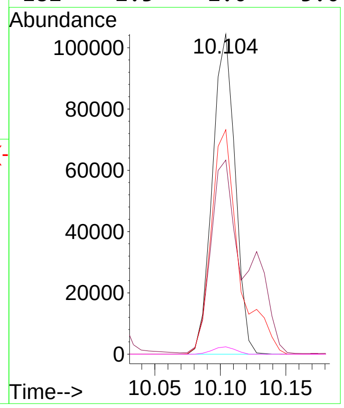




#57
2,4-Dinitrotoluene
Concen: 44.618 ng
RT: 10.104 min Scan# 13
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion:165 Resp: 12609

Ion	Ratio	Lower	Upper
165	100		
63	60.6	48.9	73.3
89	70.1	57.5	86.3
182	2.3	2.0	3.0



Instrument :
BNA_F
ClientSampleId :
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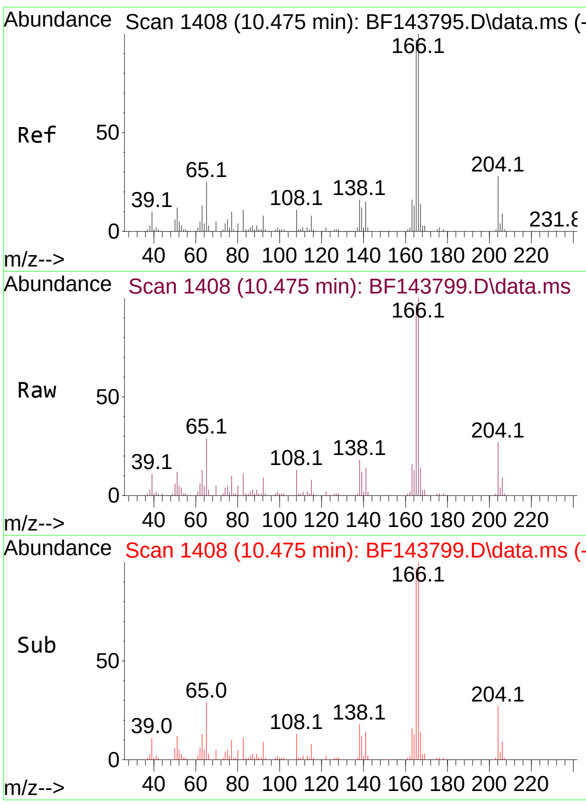
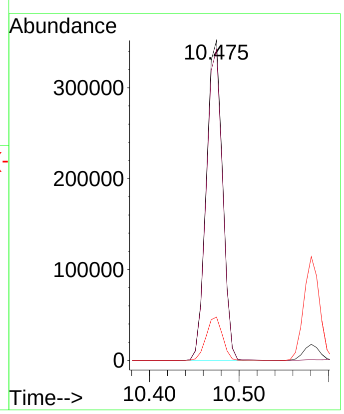
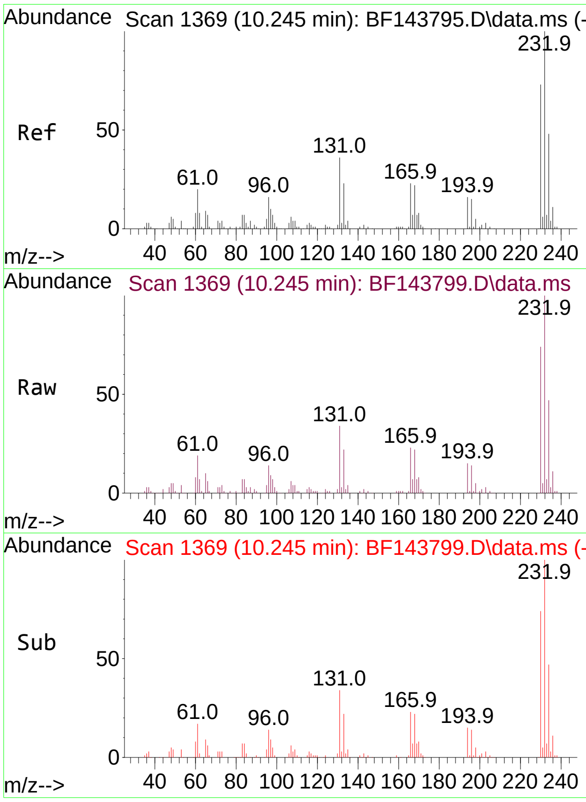


#58
Fluorene
Concen: 42.132 ng
RT: 10.475 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion:166 Resp: 446712

Ion	Ratio	Lower	Upper
166	100		
165	97.1	78.0	117.0
167	13.5	10.9	16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.097 ng
RT: 10.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Instrument : BNA_F
ClientSampleId : ICVBF092325

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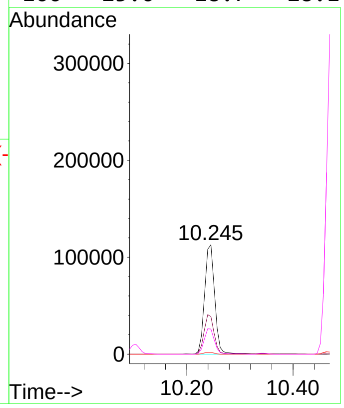
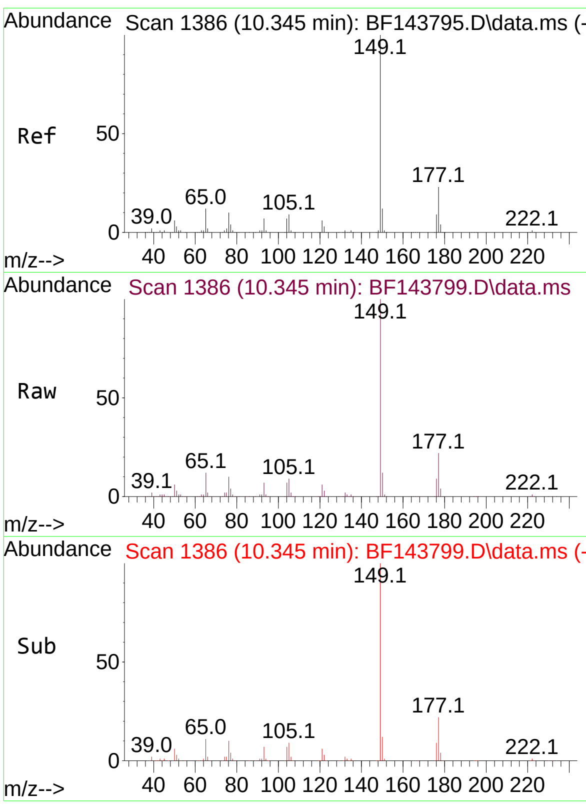
Tgt Ion:232 Resp: 14913

Ion	Ratio	Lower	Upper
232	100		
131	35.9	29.4	44.2
130	1.6	1.3	1.9
166	23.6	18.7	28.1

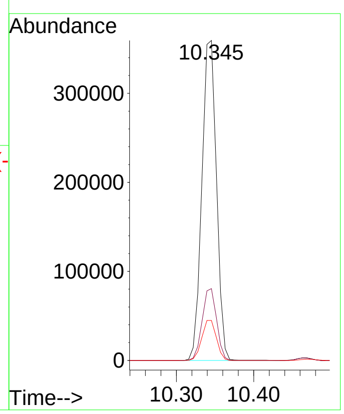


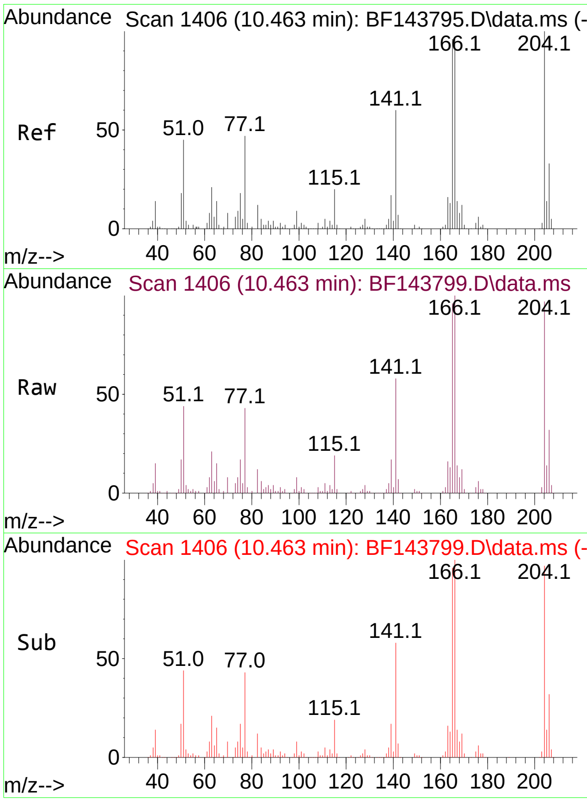


#60
Diethylphthalate
Concen: 43.199 ng
RT: 10.345 min Scan# 1386
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion:149 Resp: 470914

Ion	Ratio	Lower	Upper
149	100		
177	22.4	18.1	27.1
150	12.5	9.7	14.5





#61
4-Chlorophenyl-phenylether
Concen: 42.203 ng
RT: 10.463 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion:204 Resp: 227995

Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.7	40.1
141	60.1	48.2	72.2

Instrument :
BNA_F
ClientSampleId :
ICVBF092325

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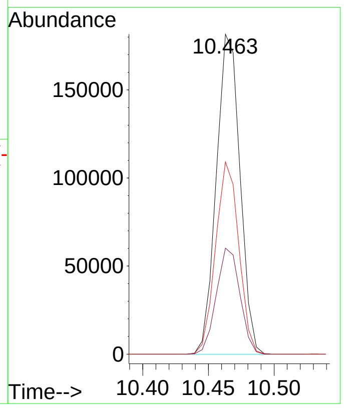
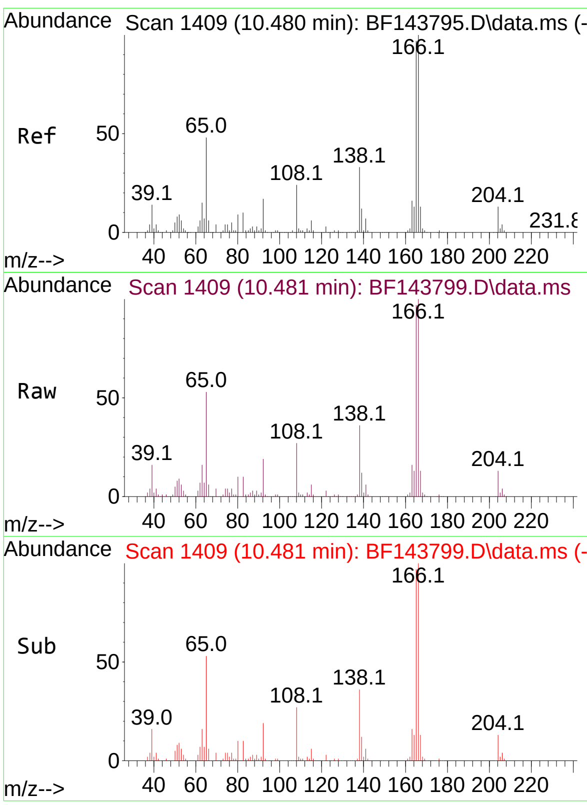


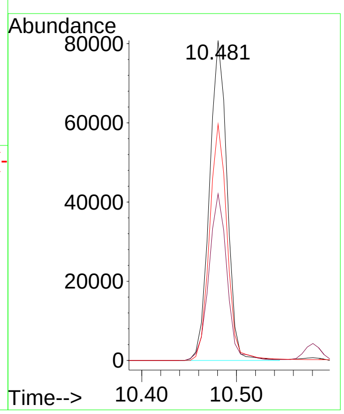
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

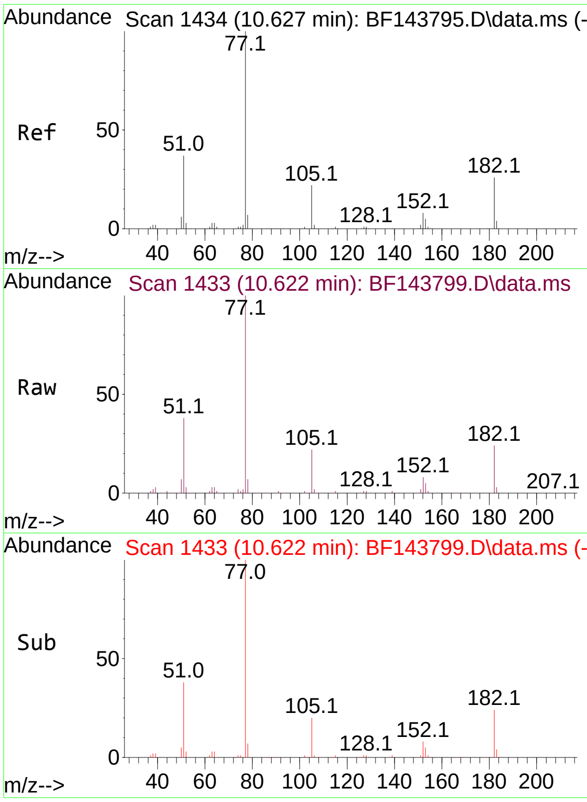


#62
4-Nitroaniline
Concen: 47.936 ng
RT: 10.481 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion:138 Resp: 104533

Ion	Ratio	Lower	Upper
138	100		
92	52.1	31.5	71.5
108	73.8	51.9	91.9

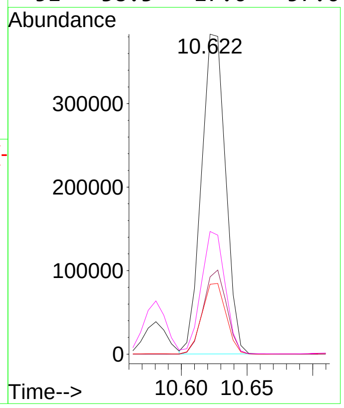




#63
Azobenzene
Concen: 42.769 ng
RT: 10.622 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion: 77 Resp: 491364

Ion	Ratio	Lower	Upper
77	100		
182	24.1	5.9	45.9
105	21.8	2.3	42.3
51	38.3	17.6	57.6



Instrument :
BNA_F
ClientSampleId :
ICVBF092325

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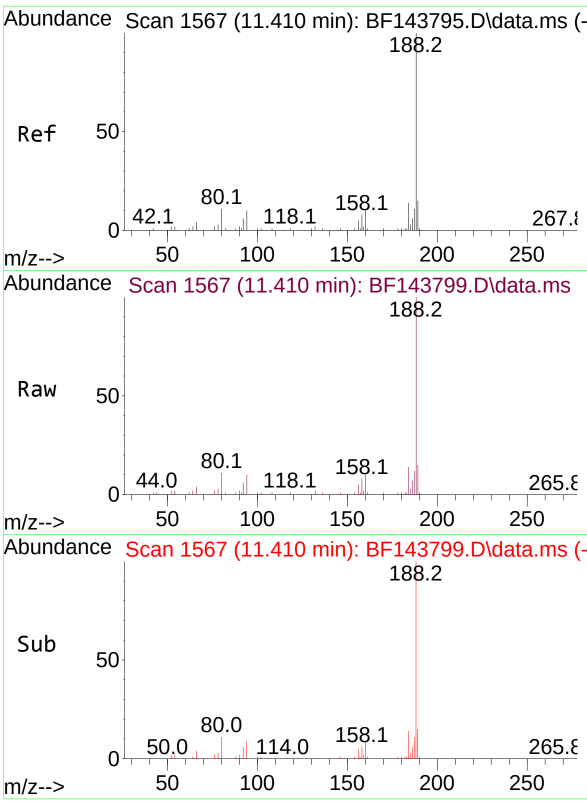
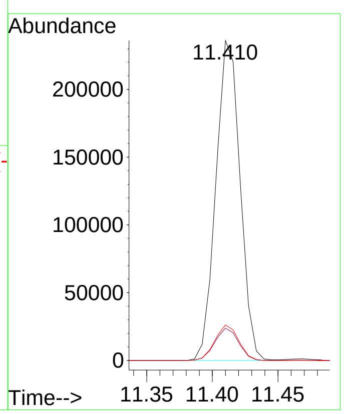
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion:188 Resp: 302827

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.2	12.2
80	11.1	8.6	12.8



Instrument :
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ClientSampleId :
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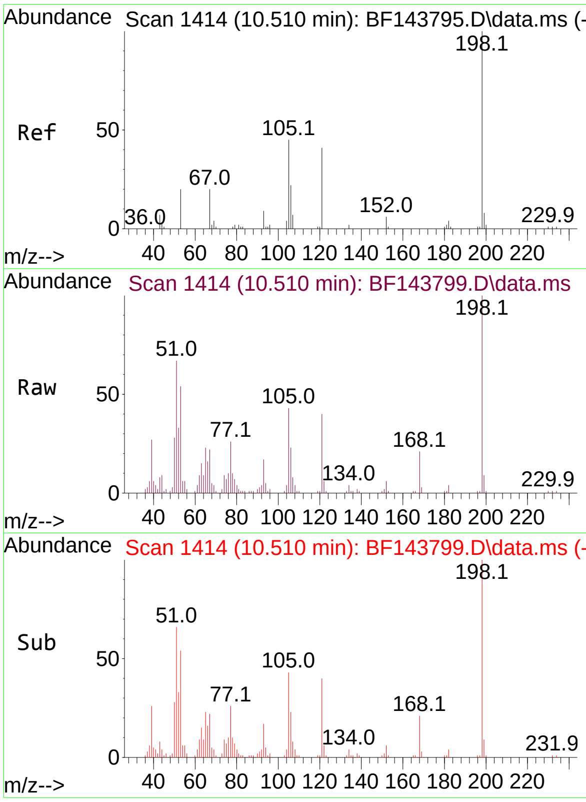
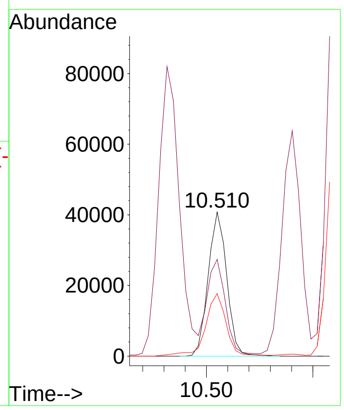
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

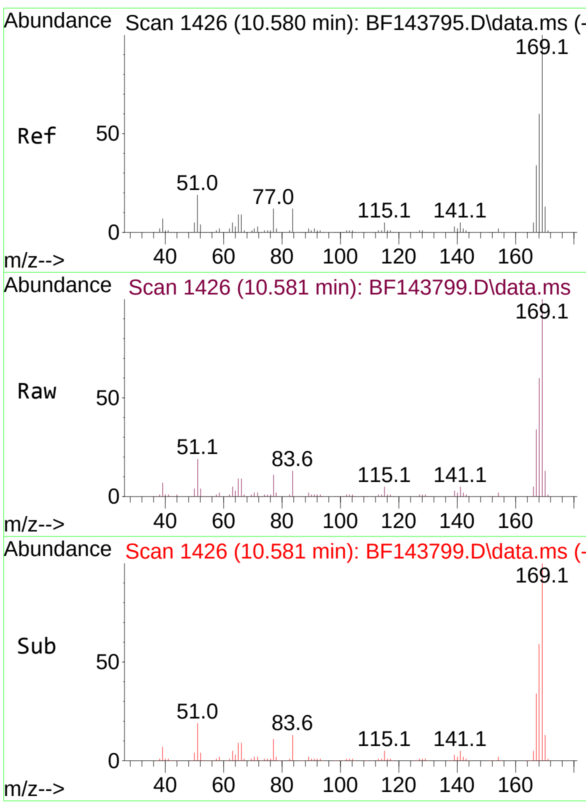


#65
4,6-Dinitro-2-methylphenol
Concen: 45.452 ng
RT: 10.510 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion:198 Resp: 49519

Ion	Ratio	Lower	Upper
198	100		
51	67.2	52.0	92.0
105	43.5	27.5	67.5

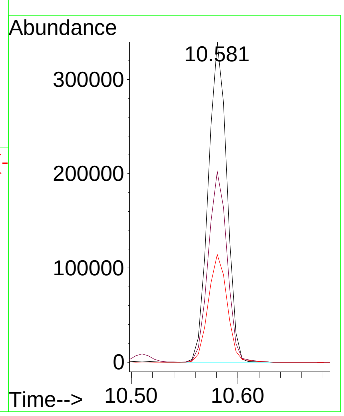


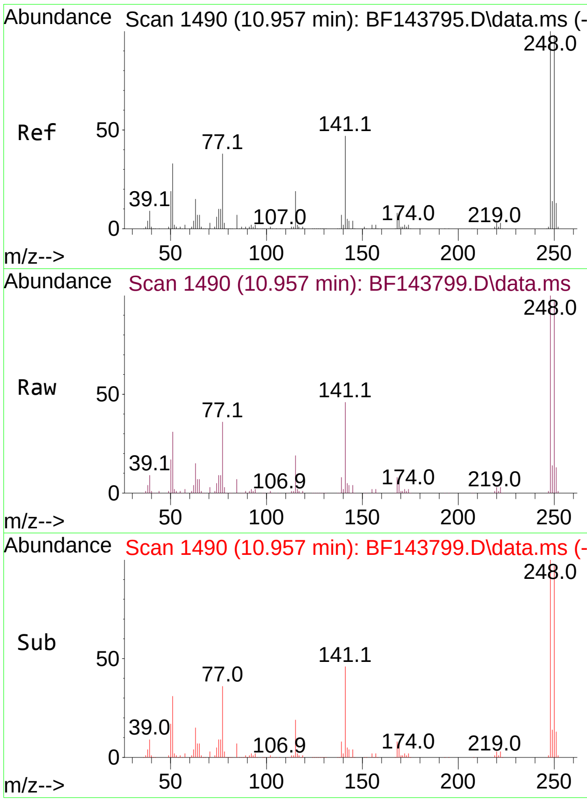


#66
n-Nitrosodiphenylamine
Concen: 41.480 ng
RT: 10.581 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion:169 Resp: 413097

Ion	Ratio	Lower	Upper
169	100		
168	59.5	47.9	71.9
167	33.6	27.0	40.6

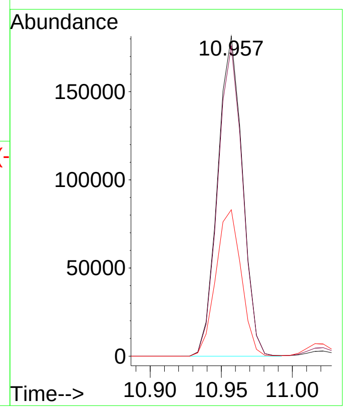




#67
4-Bromophenyl-phenylether
Concen: 42.884 ng
RT: 10.957 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion:248 Resp: 221311

Ion	Ratio	Lower	Upper
248	100		
250	96.9	78.7	118.1
141	45.7	37.9	56.9



Instrument :
BNA_F
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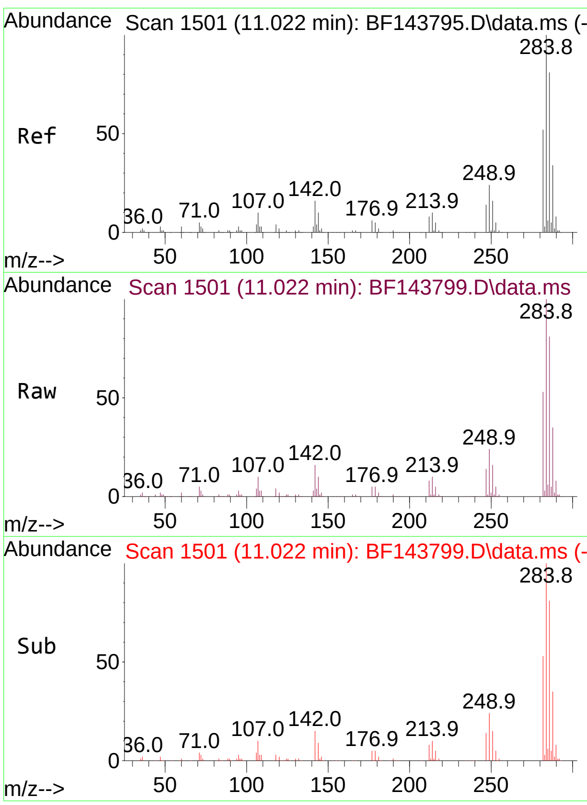
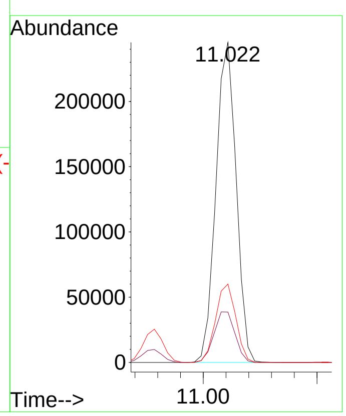
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18



#68
Hexachlorobenzene
Concen: 42.661 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion:284 Resp: 303404

Ion	Ratio	Lower	Upper
284	100		
142	15.7	13.1	19.7
249	24.5	19.5	29.3



Instrument :
BNA_F
ClientSampleId :
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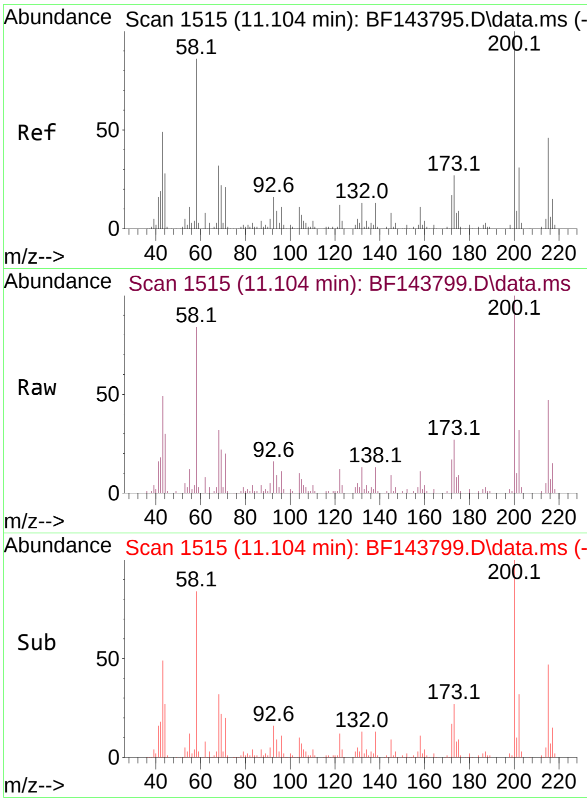
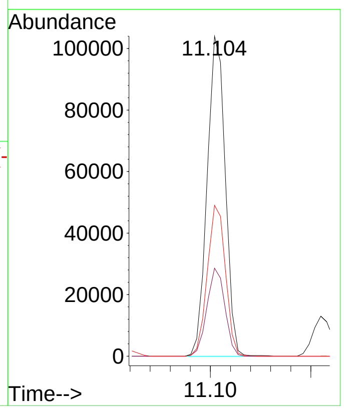
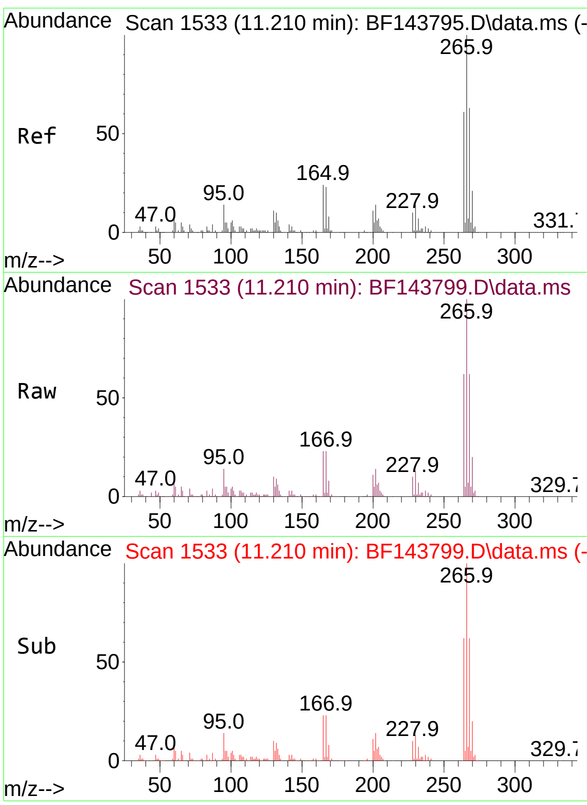


#69
Atrazine
Concen: 45.083 ng
RT: 11.104 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion:200 Resp: 130018

Ion	Ratio	Lower	Upper
200	100		
173	27.5	7.2	47.2
215	47.1	26.0	66.0

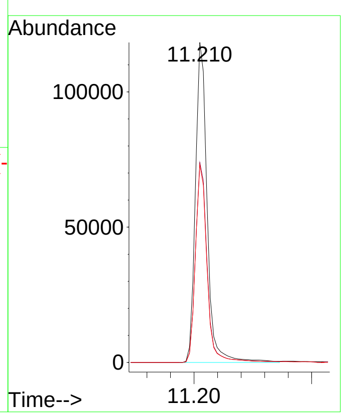




#70
Pentachlorophenol
Concen: 46.307 ng
RT: 11.210 min Scan# 1533
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion:266 Resp: 163934

Ion	Ratio	Lower	Upper
266	100		
268	62.5	50.5	75.7
264	61.7	48.8	73.2



Instrument :
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ClientSampleId :
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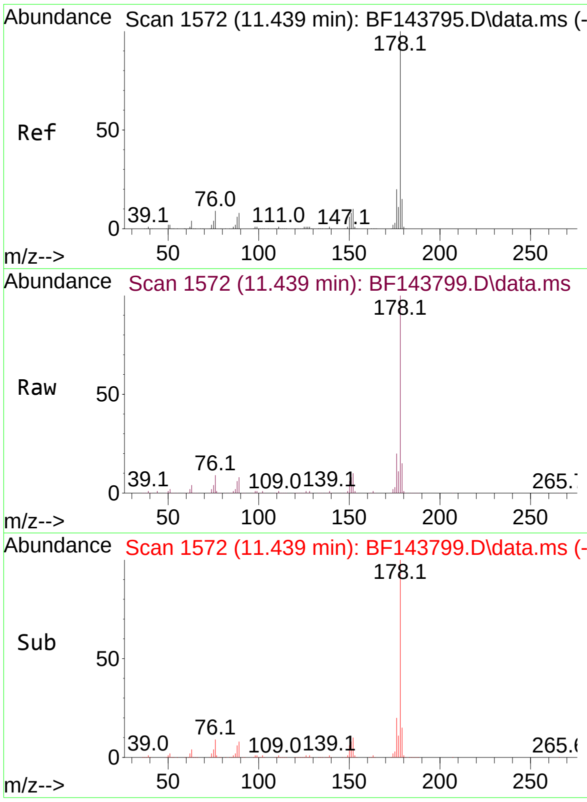
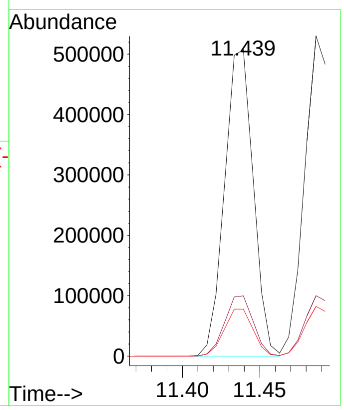
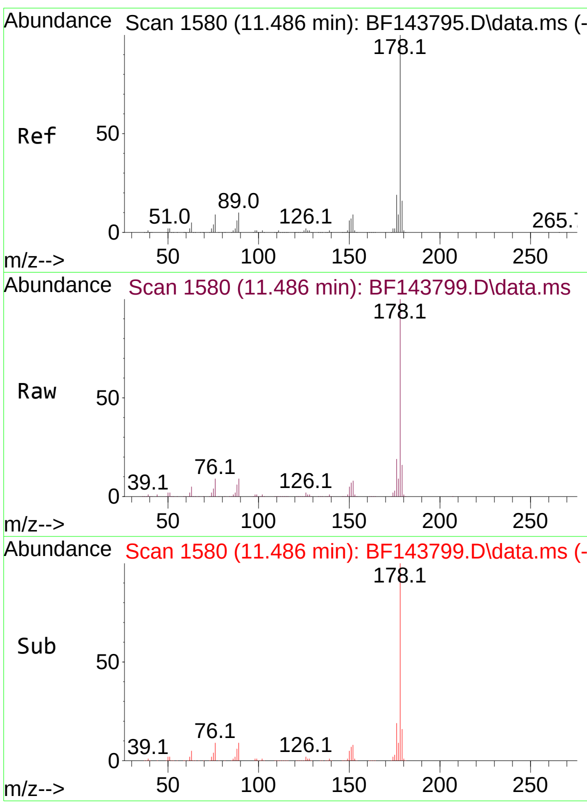


#71
Phenanthrene
Concen: 42.299 ng
RT: 11.439 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion:178 Resp: 65763

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.6	23.4
179	15.3	12.2	18.4

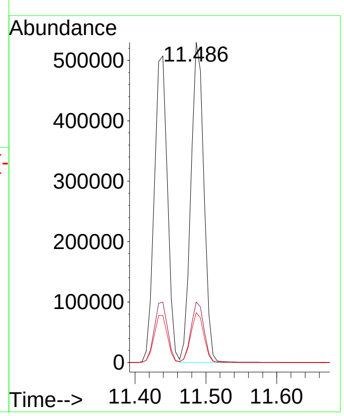


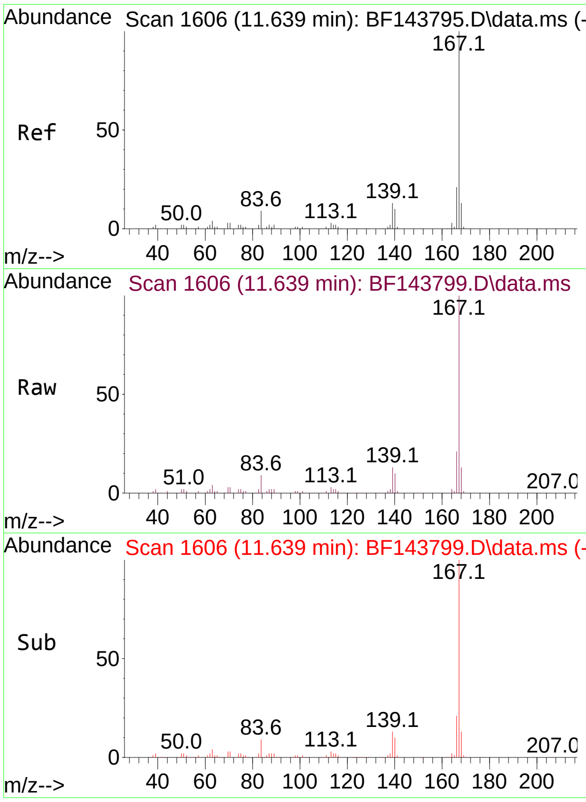


#72
Anthracene
Concen: 43.252 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion:178 Resp: 674513

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	15.5	12.8	19.2





#73
Carbazole
Concen: 44.114 ng
RT: 11.639 min Scan# 16
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion:167 Resp: 60149

Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.0	25.4
139	13.5	10.6	15.8

Instrument :
BNA_F
ClientSampleId :
ICVBF092325

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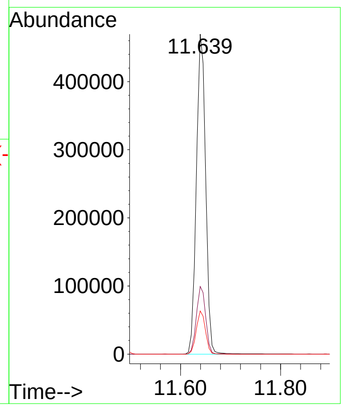
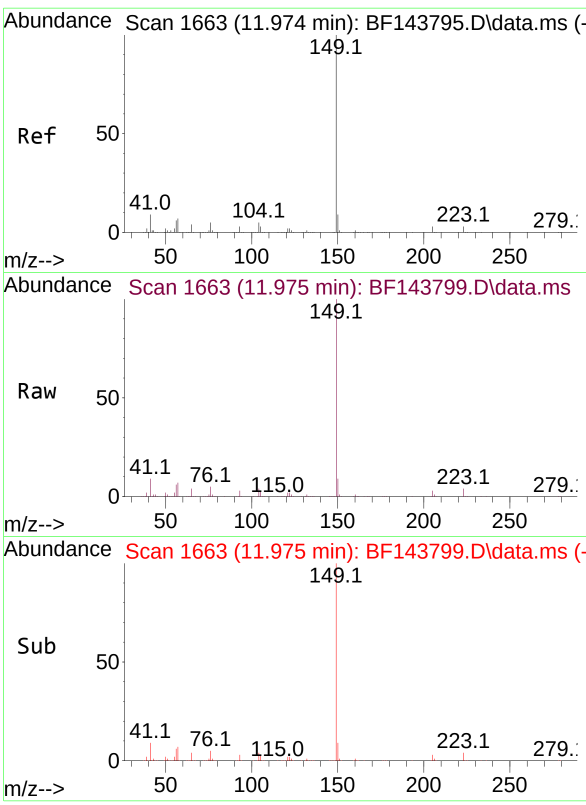
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

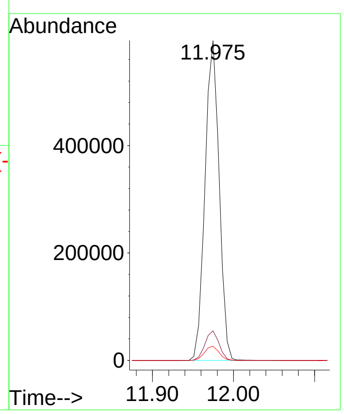


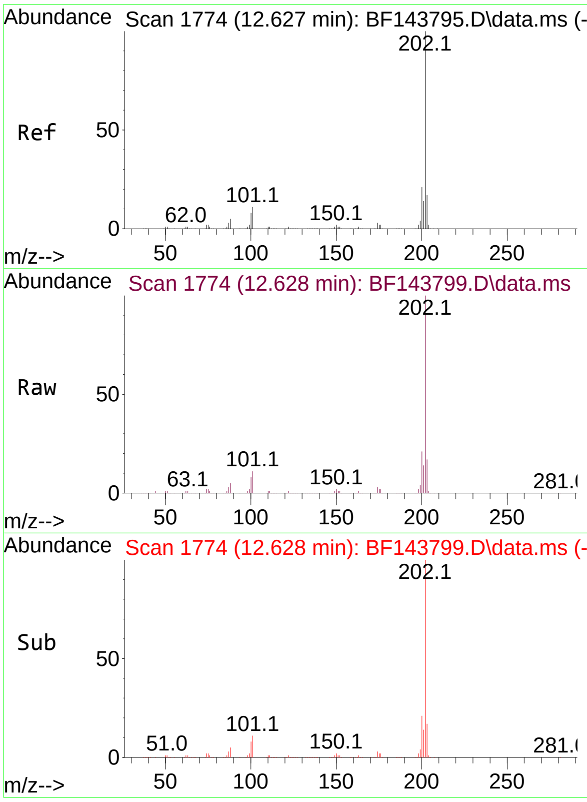


#74
Di-n-butylphthalate
Concen: 46.182 ng
RT: 11.975 min Scan# 1663
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion:149 Resp: 724195

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.3	10.9
104	4.5	3.6	5.4





#75
Fluoranthene
Concen: 46.027 ng
RT: 12.628 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion:202 Resp: 71972

Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	31.1
203	17.3	0.0	37.4

Instrument :
BNA_F
ClientSampleId :
ICVBF092325

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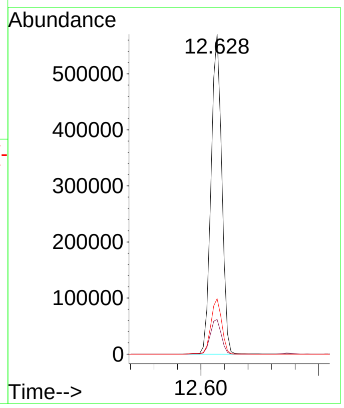
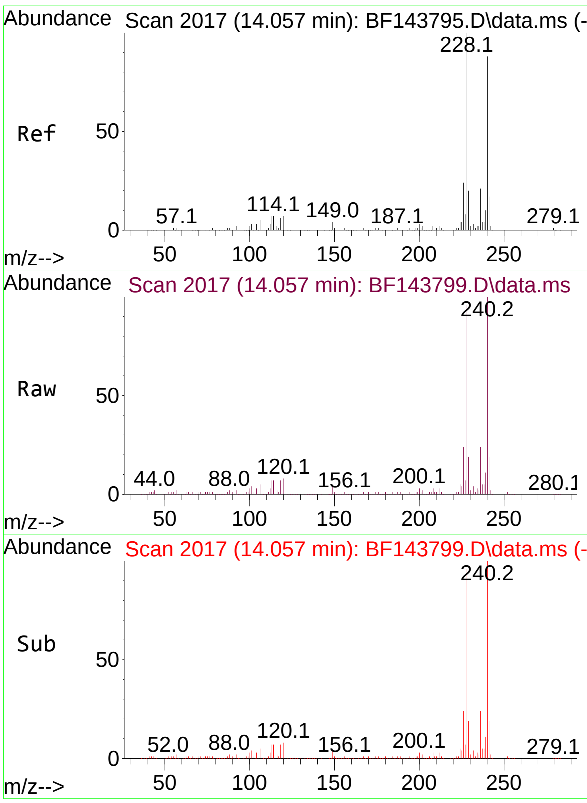
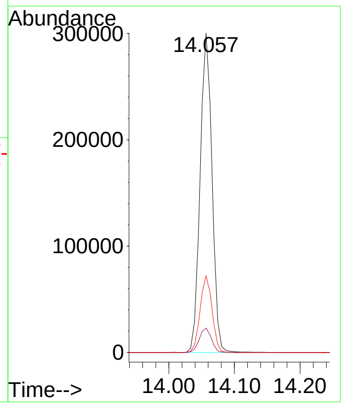


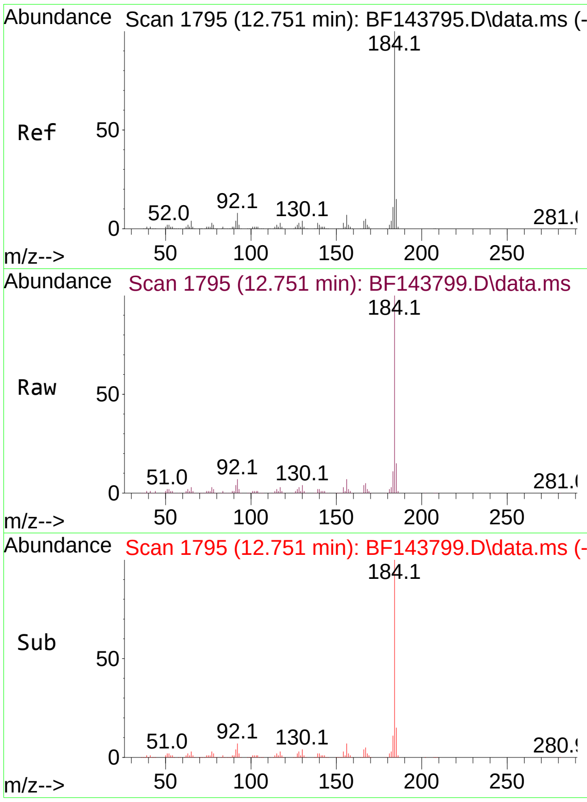


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion:240 Resp: 375572

Ion	Ratio	Lower	Upper
240	100		
120	7.6	6.2	9.4
236	24.0	19.4	29.2





#77
Benzidine
Concen: 40.236 ng
RT: 12.751 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion:184 Resp: 36823

Ion	Ratio	Lower	Upper
184	100		
185	14.8	11.6	17.4
183	10.6	8.6	13.0

Instrument :
BNA_F
ClientSampleId :
ICVBF092325

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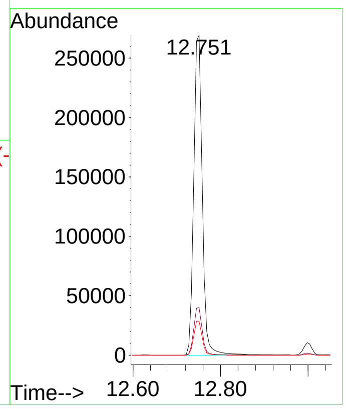
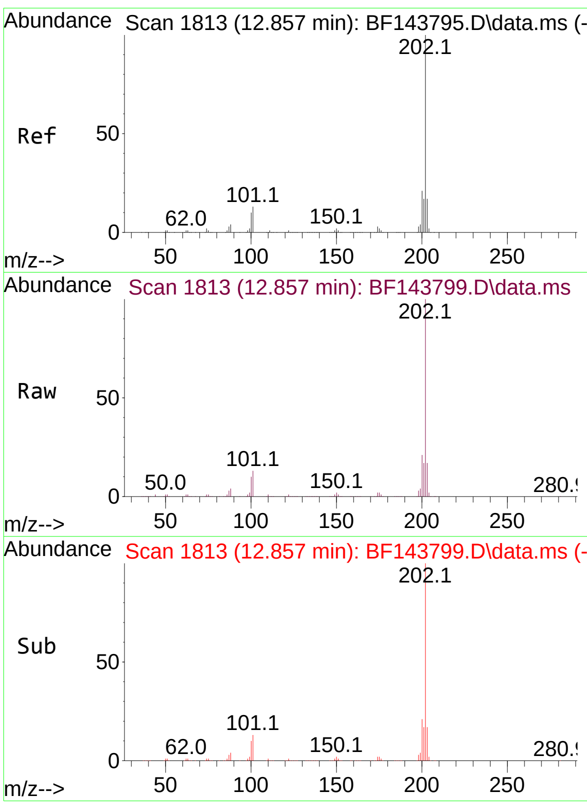
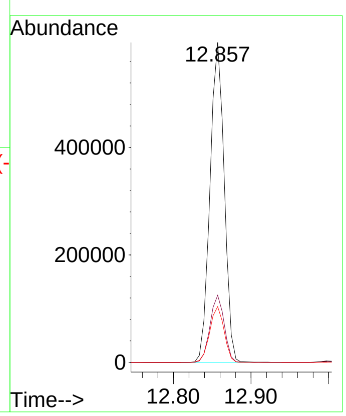




#78
Pyrene
Concen: 41.117 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion:202 Resp: 759210

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.0	25.4
203	17.4	13.9	20.9



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

Instrument : BNA_F
ClientSampleId : ICVBF092325

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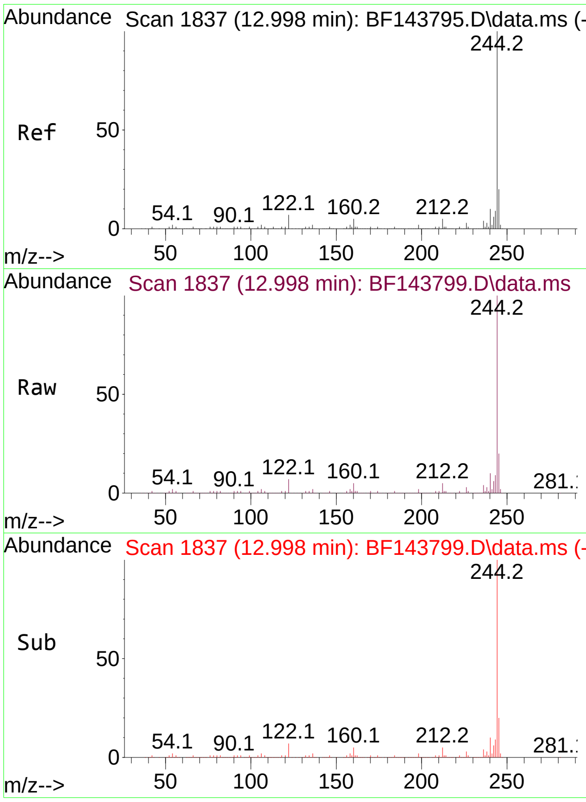
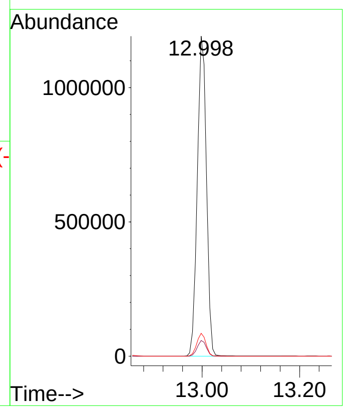
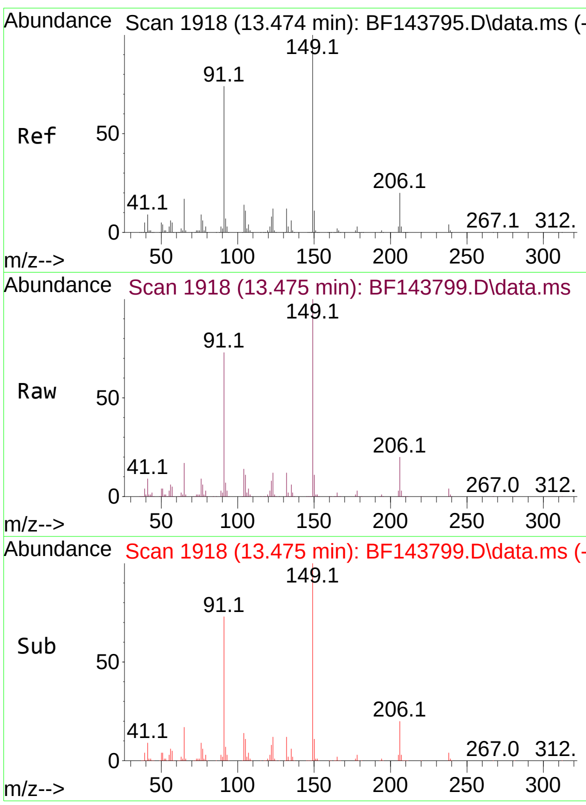


#79
Terphenyl-d14
Concen: 80.752 ng
RT: 12.998 min Scan# 18
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion:244 Resp: 154475

Ion	Ratio	Lower	Upper
244	100		
212	4.9	3.9	5.9
122	7.1	5.6	8.4

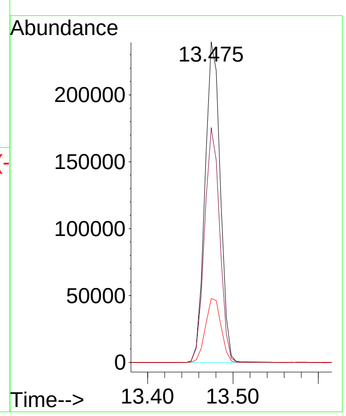




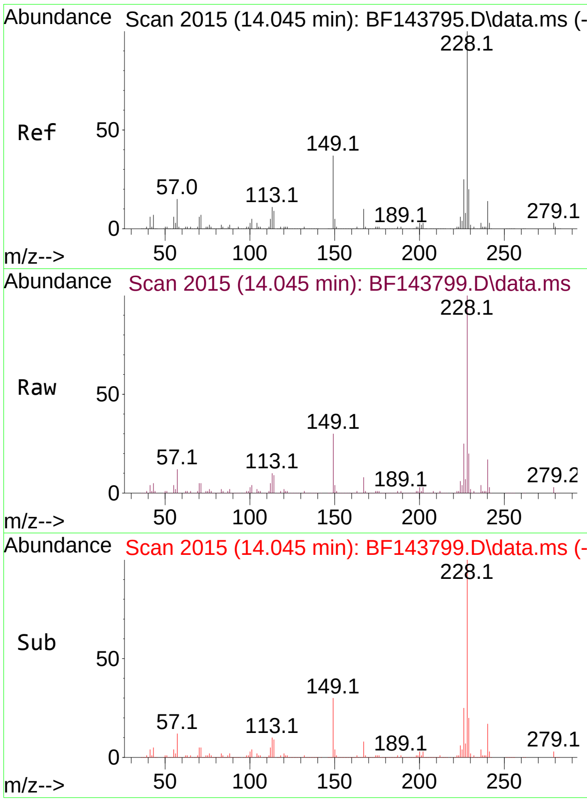
#80
Butylbenzylphthalate
Concen: 46.674 ng
RT: 13.475 min Scan# 1918
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion:149 Resp: 298166

Ion	Ratio	Lower	Upper
149	100		
91	73.2	59.5	89.3
206	20.0	16.1	24.1



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18



#81
Benzo(a)anthracene
Concen: 41.296 ng
RT: 14.045 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion:228 Resp: 833201

Ion	Ratio	Lower	Upper
228	100		
226	25.0	20.2	30.2
229	19.7	16.1	24.1

Instrument :
BNA_F
ClientSampleId :
ICVBF092325

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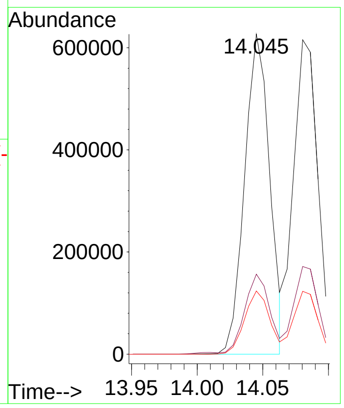
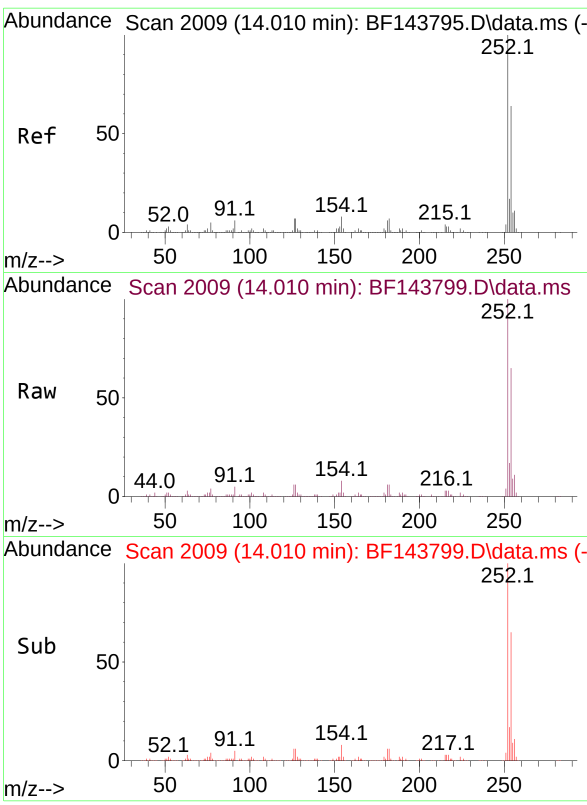


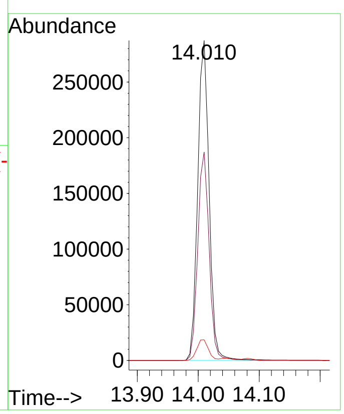
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

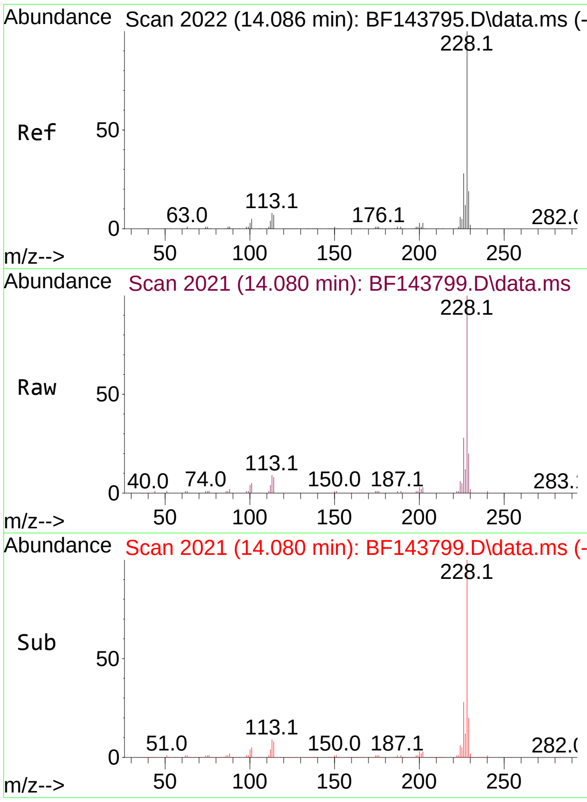


#82
3,3'-Dichlorobenzidine
Concen: 42.723 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion:252 Resp: 373433

Ion	Ratio	Lower	Upper
252	100		
254	65.2	51.5	77.3
126	6.4	5.4	8.2

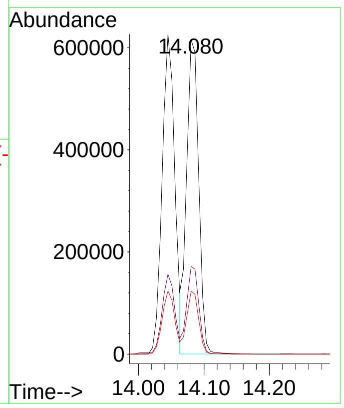




#83
Chrysene
Concen: 43.791 ng
RT: 14.080 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion:228 Resp: 79948

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	20.0	15.6	23.4



Instrument :
BNA_F
ClientSampleId :
ICVBF092325

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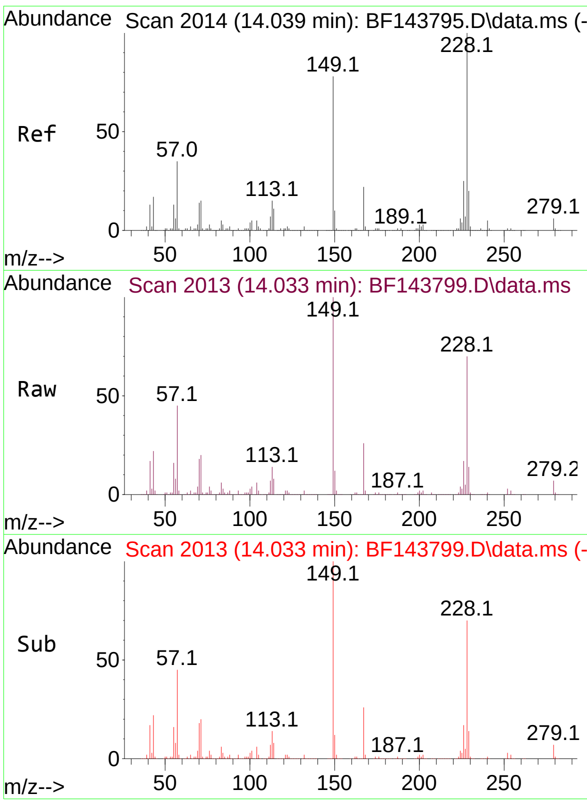
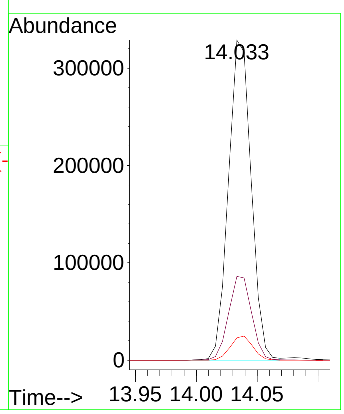


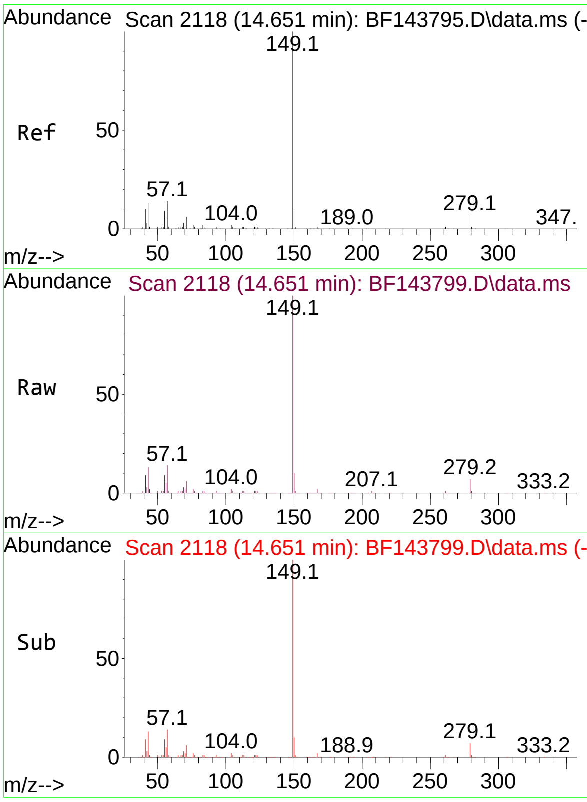
#84
Bis(2-ethylhexyl)phthalate
Concen: 45.704 ng
RT: 14.033 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion:149 Resp: 427966

Ion	Ratio	Lower	Upper
149	100		
167	26.2	22.2	33.2
279	7.0	6.0	9.0



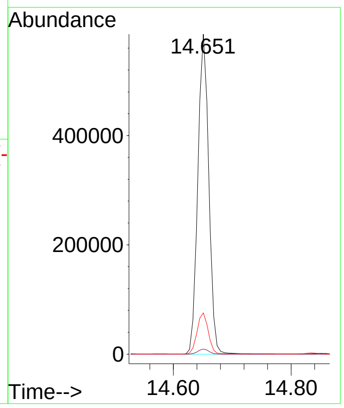
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18



#85
Di-n-octyl phthalate
Concen: 44.512 ng
RT: 14.651 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion:149 Resp: 756048

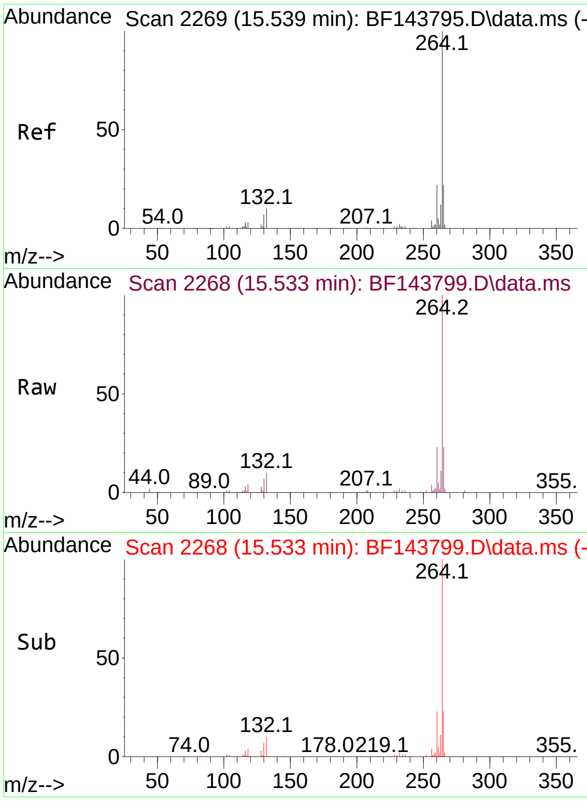
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	13.1	10.7	16.1



Instrument :
BNA_F
ClientSampleId :
ICVBF092325

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

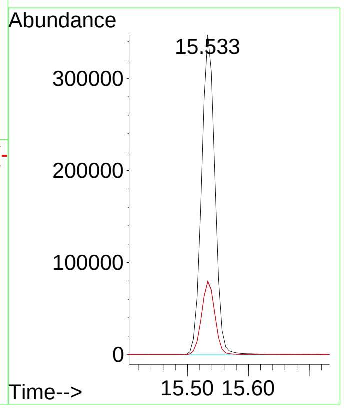
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

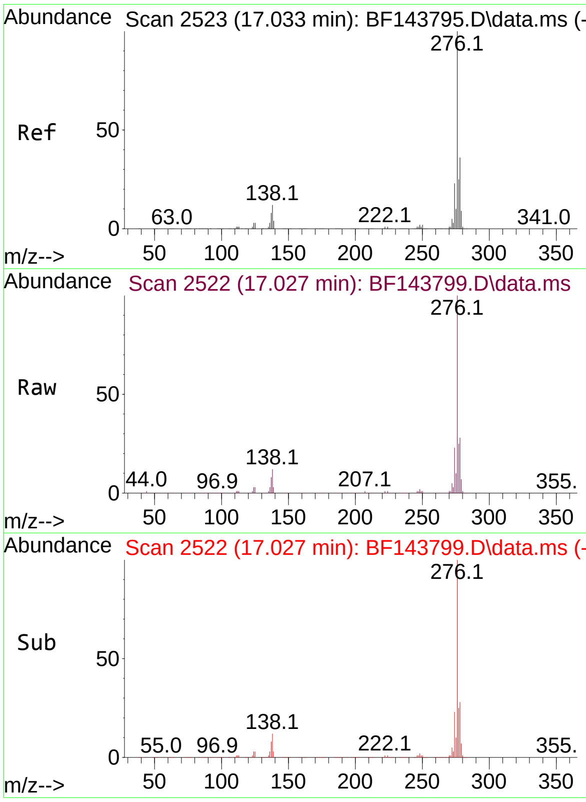
Tgt Ion:264 Resp: 528363

Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.9	26.9
265	22.8	17.7	26.5



Instrument :
BNA_F
ClientSampleId :
ICVBF092325

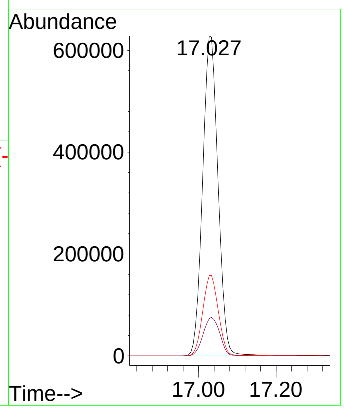
Manual Integrations
APPROVED
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

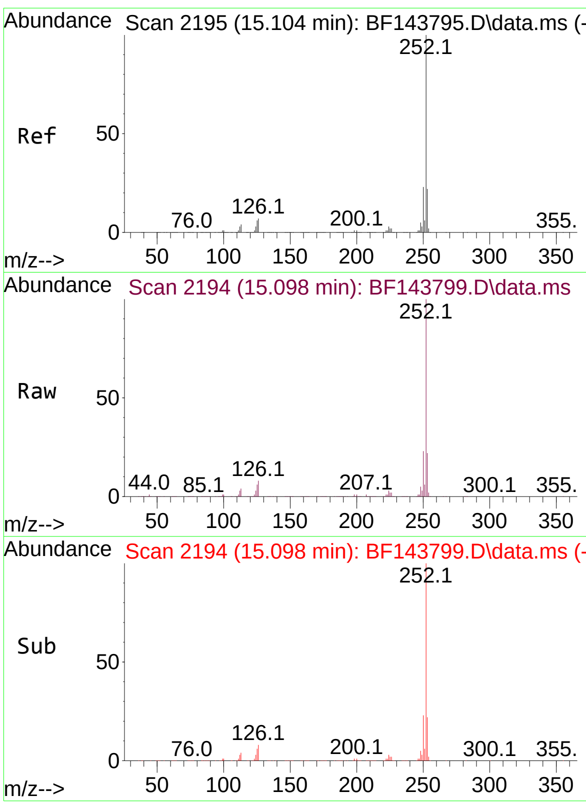


#87
Indeno(1,2,3-cd)pyrene
Concen: 43.111 ng
RT: 17.027 min Scan# 2
Delta R.T. -0.017 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion:276 Resp: 172826

Ion	Ratio	Lower	Upper
276	100		
138	13.0	10.6	15.8
277	25.6	20.7	31.1

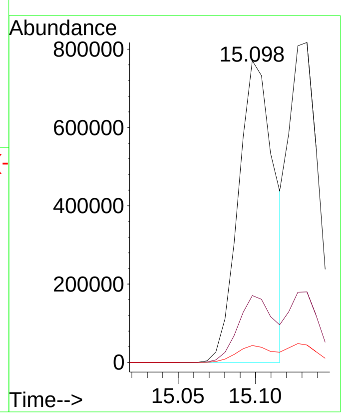


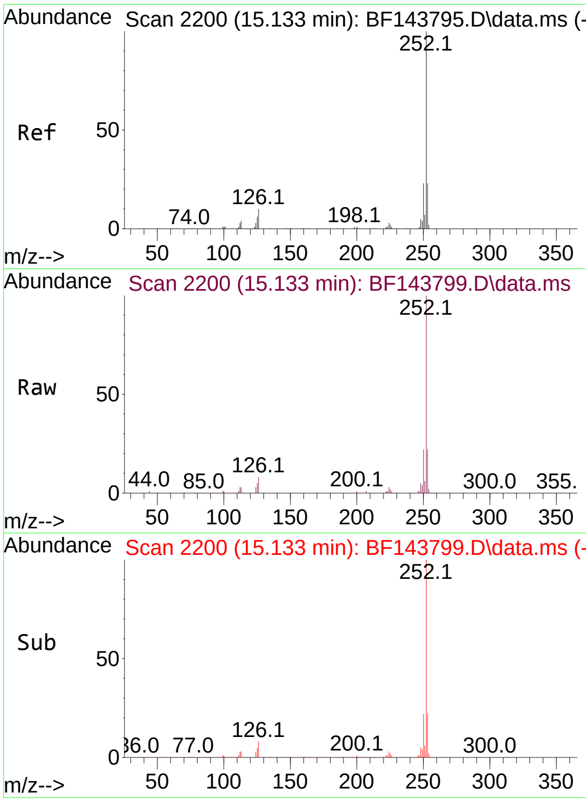


#88
Benzo(b)fluoranthene
Concen: 45.894 ng
RT: 15.098 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion:252 Resp: 1234859

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	5.6	4.4	6.6

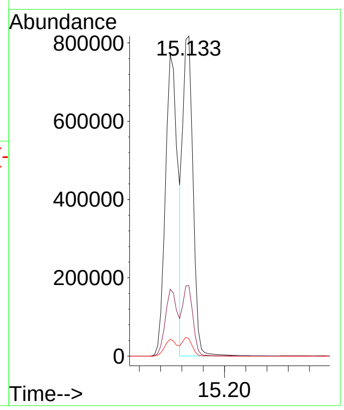




#89
Benzo(k)fluoranthene
Concen: 40.882 ng
RT: 15.133 min Scan# 22
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

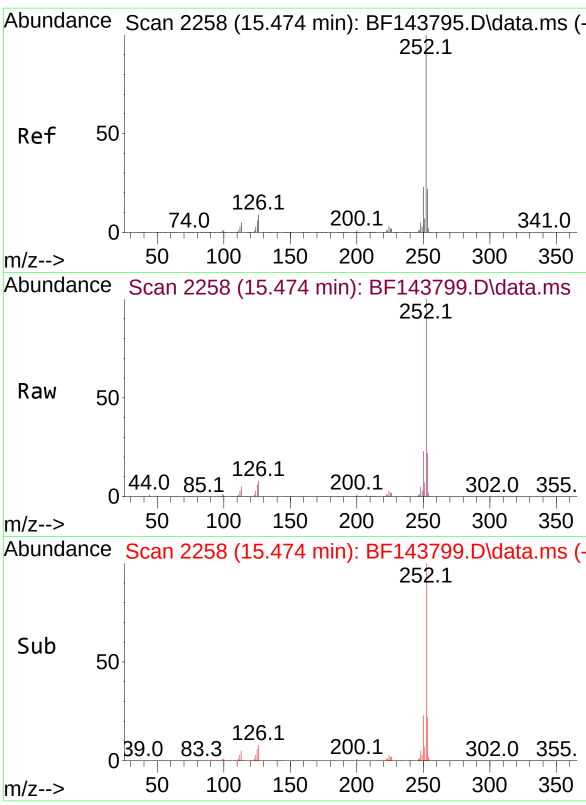
Tgt Ion:252 Resp: 110514

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	5.4	4.6	6.8



Instrument :
BNA_F
ClientSampleId :
ICVBF092325

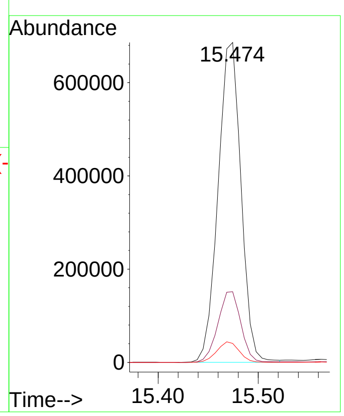
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



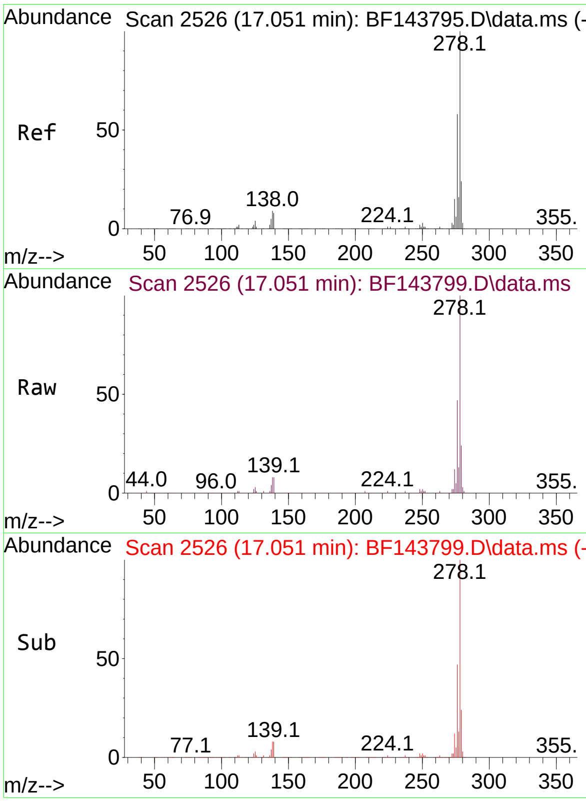
#90
Benzo(a)pyrene
Concen: 43.246 ng
RT: 15.474 min Scan# 2258
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion:252 Resp: 1093771

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	6.0	5.0	7.4



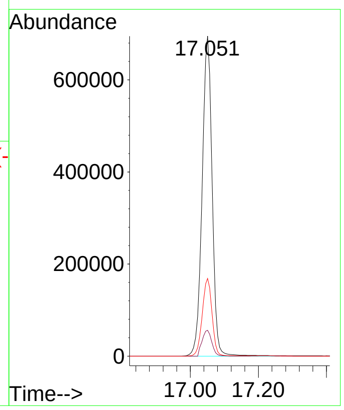
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18



#91
Dibenzo(a,h)anthracene
Concen: 43.395 ng
RT: 17.051 min Scan# 25
Delta R.T. -0.017 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

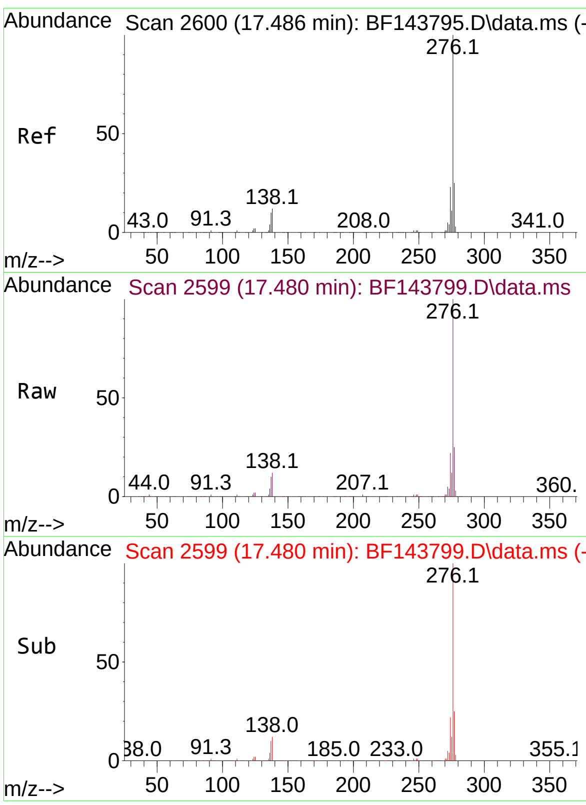
Tgt Ion:278 Resp: 142288

Ion	Ratio	Lower	Upper
278	100		
139	8.1	6.7	10.1
279	24.3	19.3	28.9



Instrument :
BNA_F
ClientSampleId :
ICVBF092325

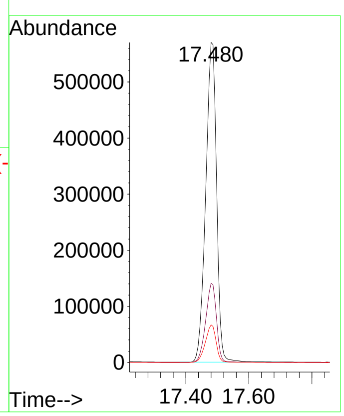
Manual Integrations
APPROVED
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#92
Benzo(g,h,i)perylene
Concen: 43.247 ng
RT: 17.480 min Scan# 2599
Delta R.T. -0.023 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion:276 Resp: 1366956

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.6	29.4
138	11.7	9.2	13.8



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
Data File : BF143799.D
Acq On : 23 Sep 2025 17:42
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF092325

Quant Time: Sep 23 18:09:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 23 17:50:26 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	96	0.00
2		1,4-Dioxane	0.589	0.643	-9.2	97	0.00
3		Pyridine	1.590	1.711	-7.6	96	0.00
4		n-Nitrosodimethylamine	0.797	0.846	-6.1	96	-0.02
5	S	2-Fluorophenol	1.231	1.345	-9.3	98	0.00
6		Aniline	2.064	2.147	-4.0	96	0.00
7	S	Phenol-d6	1.422	1.500	-5.5	95	0.00
8		2-Chlorophenol	1.260	1.338	-6.2	97	0.00
9		Benzaldehyde	1.246	1.453	-16.6	95	0.00
10	C	Phenol	1.653	1.734	-4.9	96	-0.01
11		bis(2-Chloroethyl)ether	1.296	1.357	-4.7	96	0.00
12		1,3-Dichlorobenzene	1.463	1.546	-5.7	97	0.00
13	C	1,4-Dichlorobenzene	1.460	1.528	-4.7	96	0.00
14		1,2-Dichlorobenzene	1.383	1.443	-4.3	96	0.00
15		Benzyl Alcohol	1.028	1.093	-6.3	97	0.00
16		2,2'-oxybis(1-Chloropropane	3.073	3.217	-4.7	96	0.00
17		2-Methylphenol	0.976	1.032	-5.7	97	0.00
18		Hexachloroethane	0.514	0.550	-7.0	98	0.00
19	P	n-Nitroso-di-n-propylamine	0.915	0.910	0.5	96	-0.01
20		3+4-Methylphenols	1.188	1.296	-9.1	98	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	96	0.00
22		Acetophenone	0.439	0.456	-3.9	95	0.00
23	S	Nitrobenzene-d5	0.327	0.361	-10.4	98	0.00
24		Nitrobenzene	0.362	0.395	-9.1	98	-0.01
25		Isophorone	0.637	0.665	-4.4	95	0.00
26	C	2-Nitrophenol	0.132	0.163	-23.5#	106	0.00
27		2,4-Dimethylphenol	0.285	0.304	-6.7	96	0.00
28		bis(2-Chloroethoxy)methane	0.414	0.429	-3.6	94	0.00
29	C	2,4-Dichlorophenol	0.280	0.300	-7.1	97	0.00
30		1,2,4-Trichlorobenzene	0.291	0.308	-5.8	96	0.00
31		Naphthalene	0.957	1.006	-5.1	96	0.00
32		Benzoic acid	0.137	0.151	-10.2	103	-0.03
33		4-Chloroaniline	0.336	0.353	-5.1	96	0.00
34	C	Hexachlorobutadiene	0.217	0.230	-6.0	95	0.00
35		Caprolactam	0.072	0.079	-9.7	101	-0.02
36	C	4-Chloro-3-methylphenol	0.263	0.279	-6.1	97	0.00
37		2-Methylnaphthalene	0.611	0.636	-4.1	96	0.00
38		1-Methylnaphthalene	0.584	0.613	-5.0	96	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	98	0.00
40		1,2,4,5-Tetrachlorobenzene	0.604	0.634	-5.0	99	0.00
41	P	Hexachlorocyclopentadiene	0.383	0.419	-9.4	98	0.00
42	S	2,4,6-Tribromophenol	0.296	0.341	-15.2	102	0.00
43	C	2,4,6-Trichlorophenol	0.378	0.425	-12.4	99	0.00
44		2,4,5-Trichlorophenol	0.395	0.418	-5.8	97	0.00
45	S	2-Fluorobiphenyl	1.282	1.351	-5.4	98	0.00
46		1,1'-Biphenyl	1.448	1.493	-3.1	98	0.00
47		2-Chloronaphthalene	1.165	1.198	-2.8	96	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
Data File : BF143799.D
Acq On : 23 Sep 2025 17:42
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF092325

Quant Time: Sep 23 18:09:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 23 17:50:26 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	0.352	0.423	-20.2	104	0.00
49	Acenaphthylene	1.604	1.696	-5.7	98	0.00
50	Dimethylphthalate	1.219	1.299	-6.6	99	0.00
51	2,6-Dinitrotoluene	0.200	0.242	-21.0	104	0.00
52 C	Acenaphthene	1.056	1.105	-4.6	97	0.00
53	3-Nitroaniline	0.243	0.289	-18.9	100	0.00
54 P	2,4-Dinitrophenol	0.064	0.074	-15.6	115	0.00
55	Dibenzofuran	1.493	1.577	-5.6	99	0.00
56 P	4-Nitrophenol	0.196	0.224	-14.3	106	0.00
57	2,4-Dinitrotoluene	0.261	0.330	-26.4#	105	0.00
58	Fluorene	1.110	1.169	-5.3	100	0.00
59	2,3,4,6-Tetrachlorophenol	0.339	0.390	-15.0	102	0.00
60	Diethylphthalate	1.141	1.232	-8.0	99	0.00
61	4-Chlorophenyl-phenylether	0.566	0.597	-5.5	99	0.00
62	4-Nitroaniline	0.228	0.274	-20.2	101	-0.01
63	Azobenzene	1.203	1.286	-6.9	98	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	99	0.00
65	4,6-Dinitro-2-methylphenol	0.067	0.082	-22.4	117	0.00
66 c	n-Nitrosodiphenylamine	0.658	0.682	-3.6	99	0.00
67	4-Bromophenyl-phenylether	0.341	0.365	-7.0	101	0.00
68	Hexachlorobenzene	0.470	0.501	-6.6	101	0.00
69	Atrazine	0.190	0.215	-13.2	101	0.00
70 C	Pentachlorophenol	0.234	0.271	-15.8	105	0.00
71	Phenanthrene	1.027	1.086	-5.7	100	0.00
72	Anthracene	1.030	1.114	-8.2	102	0.00
73	Carbazole	0.901	0.993	-10.2	101	0.00
74	Di-n-butylphthalate	1.036	1.196	-15.4	103	0.00
75 C	Fluoranthene	1.033	1.188	-15.0	103	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	103	0.00
77	Benzidine	0.487	0.490	-0.6	98	0.00
78	Pyrene	0.983	1.011	-2.8	103	0.00
79 S	Terphenyl-d14	0.983	1.028	-4.6	103	0.00
80	Butylbenzylphthalate	0.340	0.397	-16.8	104	0.00
81	Benzo(a)anthracene	1.074	1.109	-3.3	99	0.00
82	3,3'-Dichlorobenzidine	0.465	0.497	-6.9	103	0.00
83	Chrysene	0.972	1.064	-9.5	107	0.00
84	Bis(2-ethylhexyl)phthalate	0.499	0.570	-14.2	105	0.00
85 c	Di-n-octyl phthalate	0.905	1.007	-11.3	102	0.00
86 I	Perylene-d12	1.000	1.000	0.0	101	0.00
87	Indeno(1,2,3-cd)pyrene	1.517	1.635	-7.8	102	-0.02
88	Benzo(b)fluoranthene	1.018	1.169	-14.8	106	0.00
89	Benzo(k)fluoranthene	1.023	1.046	-2.2	97	0.00
90 C	Benzo(a)pyrene	0.957	1.035	-8.2	101	0.00
91	Dibenzo(a,h)anthracene	1.241	1.347	-8.5	102	-0.02
92	Benzo(g,h,i)perylene	1.196	1.294	-8.2	102	-0.02

ICAL Form

Instrument :
BNA_F
ClientSampleId :
ICVBF092325

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Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
Data File : BF143799.D
Acq On    : 23 Sep 2025  17:42
Operator  : RC/JU
Sample    : SSTDICV040
Misc      :
ALS Vial  : 12   Sample Multiplier: 1

Quant Time: Sep 23 18:09:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 23 17:50:26 2025
Response via : Initial Calibration


Min. RRF     :   0.000  Min. Rel. Area :  50%  Max. R.T. Dev  0.50min
Max. RRF Dev :  25%     Max. Rel. Area : 150%

       Compound                      AvgRF   CCRF      %Dev Area% Dev(min)
-------------------------------------------------------------------------

  (#) = Out of Range               SPCC's out = 0  CCC's out = 1
```

1
2
3
4
5
6
7
8
9
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11
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13
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16
17
18

ICAL Form

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Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
Data File : BF143799.D
Acq On    : 23 Sep 2025  17:42
Operator  : RC/JU
Sample    : SSTDICV040
Misc      :
ALS Vial  : 12   Sample Multiplier: 1

Quant Time: Sep 23 18:09:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 23 17:50:26 2025
Response via : Initial Calibration
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Instrument :
BNA_F
ClientSampleId :
ICVBF092325

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

```
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	96	0.00
2		1,4-Dioxane	40.000	43.647	-9.1	97	0.00
3		Pyridine	40.000	43.022	-7.6	96	0.00
4		n-Nitrosodimethylamine	40.000	42.441	-6.1	96	-0.02
5	S	2-Fluorophenol	80.000	86.573	-8.2	98	0.00
6		Aniline	40.000	41.592	-4.0	96	0.00
7	S	Phenol-d6	80.000	81.847	-2.3	95	0.00
8		2-Chlorophenol	40.000	42.456	-6.1	97	0.00
9		Benzaldehyde	40.000	46.667	-16.7	95	0.00
10	C	Phenol	40.000	41.956	-4.9	96	-0.01
11		bis(2-Chloroethyl)ether	40.000	41.891	-4.7	96	0.00
12		1,3-Dichlorobenzene	40.000	42.271	-5.7	97	0.00
13	C	1,4-Dichlorobenzene	40.000	41.859	-4.6	96	0.00
14		1,2-Dichlorobenzene	40.000	41.736	-4.3	96	0.00
15		Benzyl Alcohol	40.000	42.558	-6.4	97	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	41.868	-4.7	96	0.00
17		2-Methylphenol	40.000	42.304	-5.8	97	0.00
18		Hexachloroethane	40.000	42.878	-7.2	98	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	39.810	0.5	96	-0.01
20		3+4-Methylphenols	40.000	43.619	-9.0	98	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	96	0.00
22		Acetophenone	40.000	41.524	-3.8	95	0.00
23	S	Nitrobenzene-d5	80.000	90.799	-13.5	98	0.00
24		Nitrobenzene	40.000	43.582	-9.0	98	-0.01
25		Isophorone	40.000	41.778	-4.4	95	0.00
26	C	2-Nitrophenol	40.000	44.135	-10.3	106	0.00
27		2,4-Dimethylphenol	40.000	42.725	-6.8	96	0.00
28		bis(2-Chloroethoxy)methane	40.000	41.459	-3.6	94	0.00
29	C	2,4-Dichlorophenol	40.000	42.921	-7.3	97	0.00
30		1,2,4-Trichlorobenzene	40.000	42.395	-6.0	96	0.00
31		Naphthalene	40.000	42.019	-5.0	96	0.00
32		Benzoic acid	40.000	43.922	-9.8	103	-0.03
33		4-Chloroaniline	40.000	41.955	-4.9	96	0.00
34	C	Hexachlorobutadiene	40.000	42.413	-6.0	95	0.00
35		Caprolactam	40.000	44.018	-10.0	101	-0.02
36	C	4-Chloro-3-methylphenol	40.000	42.485	-6.2	97	0.00
37		2-Methylnaphthalene	40.000	41.689	-4.2	96	0.00
38		1-Methylnaphthalene	40.000	41.968	-4.9	96	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	98	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	41.989	-5.0	99	0.00
41	P	Hexachlorocyclopentadiene	40.000	43.786	-9.5	98	0.00
42	S	2,4,6-Tribromophenol	80.000	95.600	-19.5	102	0.00
43	C	2,4,6-Trichlorophenol	40.000	45.018	-12.5	99	0.00
44		2,4,5-Trichlorophenol	40.000	42.310	-5.8	97	0.00
45	S	2-Fluorobiphenyl	80.000	79.843	0.2	98	0.00
46		1,1'-Biphenyl	40.000	41.254	-3.1	98	0.00
47		2-Chloronaphthalene	40.000	41.133	-2.8	96	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
Data File : BF143799.D
Acq On : 23 Sep 2025 17:42
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF092325

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

Quant Time: Sep 23 18:09:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 23 17:50:26 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	48.090	-20.2	104	0.00
49		Acenaphthylene	40.000	42.279	-5.7	98	0.00
50		Dimethylphthalate	40.000	42.624	-6.6	99	0.00
51		2,6-Dinitrotoluene	40.000	48.254	-20.6	104	0.00
52	C	Acenaphthene	40.000	41.869	-4.7	97	0.00
53		3-Nitroaniline	40.000	47.665	-19.2	100	0.00
54	P	2,4-Dinitrophenol	40.000	46.217	-15.5	115	0.00
55		Dibenzofuran	40.000	42.251	-5.6	99	0.00
56	P	4-Nitrophenol	40.000	45.864	-14.7	106	0.00
57		2,4-Dinitrotoluene	40.000	44.618	-11.5	105	0.00
58		Fluorene	40.000	42.132	-5.3	100	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	46.097	-15.2	102	0.00
60		Diethylphthalate	40.000	43.199	-8.0	99	0.00
61		4-Chlorophenyl-phenylether	40.000	42.203	-5.5	99	0.00
62		4-Nitroaniline	40.000	47.936	-19.8	101	-0.01
63		Azobenzene	40.000	42.769	-6.9	98	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	99	0.00
65		4,6-Dinitro-2-methylphenol	40.000	45.452	-13.6	117	0.00
66	c	n-Nitrosodiphenylamine	40.000	41.480	-3.7	99	0.00
67		4-Bromophenyl-phenylether	40.000	42.884	-7.2	101	0.00
68		Hexachlorobenzene	40.000	42.661	-6.7	101	0.00
69		Atrazine	40.000	45.083	-12.7	101	0.00
70	C	Pentachlorophenol	40.000	46.307	-15.8	105	0.00
71		Phenanthrene	40.000	42.299	-5.7	100	0.00
72		Anthracene	40.000	43.252	-8.1	102	0.00
73		Carbazole	40.000	44.114	-10.3	101	0.00
74		Di-n-butylphthalate	40.000	46.182	-15.5	103	0.00
75	C	Fluoranthene	40.000	46.027	-15.1	103	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	103	0.00
77		Benzidine	40.000	40.236	-0.6	98	0.00
78		Pyrene	40.000	41.117	-2.8	103	0.00
79	S	Terphenyl-d14	80.000	80.752	-0.9	103	0.00
80		Butylbenzylphthalate	40.000	46.674	-16.7	104	0.00
81		Benzo(a)anthracene	40.000	41.296	-3.2	99	0.00
82		3,3'-Dichlorobenzidine	40.000	42.723	-6.8	103	0.00
83		Chrysene	40.000	43.791	-9.5	107	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	45.704	-14.3	105	0.00
85	c	Di-n-octyl phthalate	40.000	44.512	-11.3	102	0.00
86	I	Perylene-d12	20.000	20.000	0.0	101	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	43.111	-7.8	102	-0.02
88		Benzo(b)fluoranthene	40.000	45.894	-14.7	106	0.00
89		Benzo(k)fluoranthene	40.000	40.882	-2.2	97	0.00
90	C	Benzo(a)pyrene	40.000	43.246	-8.1	101	0.00
91		Dibenzo(a,h)anthracene	40.000	43.395	-8.5	102	-0.02
92		Benzo(g,h,i)perylene	40.000	43.247	-8.1	102	-0.02

```
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
Data File : BF143799.D
Acq On    : 23 Sep 2025  17:42
Operator  : RC/JU
Sample    : SSTDICV040
Misc      :
ALS Vial  : 12   Sample Multiplier: 1

Quant Time: Sep 23 18:09:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 23 17:50:26 2025
Response via : Initial Calibration
```

Instrument :
BNA_F
ClientSampleId :
ICVBF092325

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

```
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: ROYF02

Lab Code: ACE   SDG No.: Q3176

Instrument ID: BNA_F   Calibration Date/Time: 09/25/2025 13:06

Lab File ID: BF143802.D   Init. Calib. Date(s): 09/23/2025 09/23/2025

EPA Sample No.: SSTDCCC040   Init. Calib. Time(s): 10:28 15:27

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.231	1.258		2.2	
Benzaldehyde	1.246	1.088		-12.7	
Phenol-d6	1.422	1.376		-3.2	
Phenol	1.653	1.558		-5.7	20.0
bis(2-Chloroethyl)ether	1.296	1.243		-4.1	
2-Chlorophenol	1.260	1.260		0.0	
2-Methylphenol	0.976	0.913		-6.5	
2,2-oxybis(1-Chloropropane)	3.073	2.801		-8.9	
Acetophenone	0.439	0.443		0.9	
3+4-Methylphenols	1.185	1.115		-5.9	
n-Nitroso-di-n-propylamine	0.915	0.782	0.050	-14.5	
Nitrobenzene-d5	0.327	0.344		5.2	
Hexachloroethane	0.514	0.521		1.4	
Nitrobenzene	0.362	0.378		4.4	
Isophorone	0.637	0.603		-5.3	
2-Nitrophenol	0.132	0.146		10.6	20.0
2,4-Dimethylphenol	0.285	0.277		-2.8	
bis(2-Chloroethoxy)methane	0.414	0.395		-4.6	
2,4-Dichlorophenol	0.280	0.281		0.4	20.0
Naphthalene	0.957	0.981		2.5	
4-Chloroaniline	0.336	0.325		-3.3	
Hexachlorobutadiene	0.217	0.226		4.1	20.0
Caprolactam	0.072	0.066		-8.3	
4-Chloro-3-methylphenol	0.263	0.247		-6.1	20.0
2-Methylnaphthalene	0.611	0.595		-2.6	
Hexachlorocyclopentadiene	0.383	0.408	0.050	6.5	
2,4,6-Trichlorophenol	0.378	0.418		10.6	20.0
2-Fluorobiphenyl	1.282	1.393		8.7	
2,4,5-Trichlorophenol	0.395	0.403		2.0	
1,1-Biphenyl	1.448	1.524		5.2	
2-Chloronaphthalene	1.165	1.233		5.8	
2-Nitroaniline	0.352	0.387		9.9	
Dimethylphthalate	1.219	1.236		1.4	
Acenaphthylene	1.604	1.679		4.7	
2,6-Dinitrotoluene	0.200	0.216		8.0	
3-Nitroaniline	0.243	0.269		10.7	
Acenaphthene	1.056	1.080		2.3	20.0
2,4-Dinitrophenol	0.064	0.055	0.050	-14.1	
4-Nitrophenol	0.196	0.194	0.050	-1.0	

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: ROYF02

Lab Code: ACE SDG No.: Q3176

Instrument ID: BNA_F Calibration Date/Time: 09/25/2025 13:06

Lab File ID: BF143802.D Init. Calib. Date(s): 09/23/2025 09/23/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:28 15:27

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

COMPOUND	RRF (mean)	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.493	1.563		4.7	
2,4-Dinitrotoluene	0.261	0.284		8.8	
Diethylphthalate	1.141	1.135		-0.5	
4-Chlorophenyl-phenylether	0.566	0.574		1.4	
Fluorene	1.110	1.133		2.1	
4-Nitroaniline	0.228	0.238		4.4	
4,6-Dinitro-2-methylphenol	0.067	0.064		-4.5	
n-Nitrosodiphenylamine	0.658	0.695		5.6	20.0
2,4,6-Tribromophenol	0.296	0.324		9.5	
4-Bromophenyl-phenylether	0.341	0.362		6.2	
Hexachlorobenzene	0.470	0.502		6.8	
Atrazine	0.190	0.199		4.7	
Pentachlorophenol	0.234	0.250		6.8	20.0
Phenanthrene	1.027	1.090		6.1	
Anthracene	1.030	1.081		5.0	
Carbazole	0.901	0.964		7.0	
Di-n-butylphthalate	1.036	1.140		10.0	
Fluoranthene	1.033	1.115		7.9	20.0
Pyrene	0.983	1.009		2.6	
Terphenyl-d14	0.983	1.053		7.1	
Butylbenzylphthalate	0.340	0.368		8.2	
3,3-Dichlorobenzidine	0.465	0.465		0.0	
Benzo(a)anthracene	1.074	1.093		1.8	
Chrysene	0.972	1.030		6.0	
Bis(2-ethylhexyl)phthalate	0.499	0.540		8.2	
Di-n-octyl phthalate	0.905	0.923		2.0	20.0
Benzo(b)fluoranthene	1.019	1.038		2.0	
Benzo(k)fluoranthene	1.023	0.941		-8.0	
Benzo(a)pyrene	0.957	1.005		5.0	20.0
Indeno(1,2,3-cd)pyrene	1.517	1.634		7.7	
Dibenzo(a,h)anthracene	1.241	1.343		8.2	
Benzo(g,h,i)perylene	1.196	1.287		7.6	
1,2,4,5-Tetrachlorobenzene	0.604	0.655		8.4	
1,4-Dioxane	0.589	0.655		11.2	20.0
2,3,4,6-Tetrachlorophenol	0.339	0.367		8.3	

All other compounds must meet a minimum RRF of 0.010.

Form VII SV-1

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
Data File : BF143802.D
Acq On : 25 Sep 2025 13:06
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 09/26/2025
Supervised By :Jagrut Upadhyay 09/26/2025

Quant Time: Sep 25 14:33:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 05:00:00 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	6.887	152	104582	20.000 ng	0.00
21) Naphthalene-d8	8.169	136	347863	20.000 ng	0.00
39) Acenaphthene-d10	9.922	164	153714	20.000 ng	0.00
64) Phenanthrene-d10	11.410	188	230130	20.000 ng	0.00
76) Chrysene-d12	14.057	240	269656	20.000 ng	0.00
86) Perylene-d12	15.533	264	377788	20.000 ng	0.00
System Monitoring Compounds					
5) 2-Fluorophenol	5.493	112	526177	81.743 ng	0.00
7) Phenol-d6	6.498	99	575748	77.411 ng	-0.01
23) Nitrobenzene-d5	7.445	82	478824	84.256 ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	199120	87.487 ng	0.00
45) 2-Fluorobiphenyl	9.245	172	856559	86.957 ng	0.00
79) Terphenyl-d14	12.998	244	1136138	85.688 ng	0.00
Target Compounds					Qvalue
2) 1,4-Dioxane	2.634	88	137047	44.481 ng	99
3) Pyridine	3.399	79	347233	41.751 ng	97
4) n-Nitrosodimethylamine	3.340	42	161912	38.826 ng	94
6) Aniline	6.545	93	407371	37.738 ng	99
8) 2-Chlorophenol	6.669	128	263465	39.981 ng	98
9) Benzaldehyde	6.434	77	227579	34.942 ng	99
10) Phenol	6.516	94	325930m	37.701 ng	
11) bis(2-Chloroethyl)ether	6.616	93	259976	38.364 ng	99
12) 1,3-Dichlorobenzene	6.828	146	309941	40.509 ng	99
13) 1,4-Dichlorobenzene	6.904	146	305856	40.057 ng	100
14) 1,2-Dichlorobenzene	7.057	146	282473	39.060 ng	98
15) Benzyl Alcohol	7.022	79	200542	37.316 ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	585866	36.459 ng	100
17) 2-Methylphenol	7.128	107	191056	37.449 ng	99
18) Hexachloroethane	7.398	117	108879	40.547 ng	99
19) n-Nitroso-di-n-propyla...	7.292	70	163589	34.204 ng	98
20) 3+4-Methylphenols	7.281	107	233199	37.534 ng	94
22) Acetophenone	7.292	105	308023	40.315 ng	97
24) Nitrobenzene	7.463	77	262670	41.699 ng	98
25) Isophorone	7.698	82	419359	37.868 ng	100
26) 2-Nitrophenol	7.781	139	101572	39.769 ng	97
27) 2,4-Dimethylphenol	7.810	122	192377	38.866 ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	274539	38.157 ng	99
29) 2,4-Dichlorophenol	8.016	162	195253	40.090 ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	210489	41.644 ng	100
31) Naphthalene	8.192	128	682488	40.984 ng	100
32) Benzoic acid	7.886	122	75542	31.632 ng	98
33) 4-Chloroaniline	8.234	127	226064	38.630 ng	100
34) Hexachlorobutadiene	8.310	225	157190	41.718 ng	99
35) Caprolactam	8.581	113	45615	36.642 ng	91
36) 4-Chloro-3-methylphenol	8.704	107	171987	37.652 ng	97
37) 2-Methylnaphthalene	8.881	142	414017	38.990 ng	99
38) 1-Methylnaphthalene	8.981	142	397377	39.098 ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	201243	43.382 ng	99
41) Hexachlorocyclopentadiene	9.033	237	125390	42.650 ng	99
43) 2,4,6-Trichlorophenol	9.151	196	128472	44.230 ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
Data File : BF143802.D
Acq On : 25 Sep 2025 13:06
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 09/26/2025
Supervised By :Jagrut Upadhyay 09/26/2025

Quant Time: Sep 25 14:33:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 05:00:00 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	123986	40.809	ng		99
46) 1,1'-Biphenyl	9.345	154	468412	42.097	ng		99
47) 2-Chloronaphthalene	9.369	162	379129	42.329	ng		99
48) 2-Nitroaniline	9.457	65	119048	43.977	ng		95
49) Acenaphthylene	9.786	152	516213	41.866	ng		100
50) Dimethylphthalate	9.639	163	380041	40.564	ng		100
51) 2,6-Dinitrotoluene	9.698	165	66448	43.168	ng		93
52) Acenaphthene	9.957	154	331958	40.912	ng		99
53) 3-Nitroaniline	9.869	138	82818	44.387	ng		100
54) 2,4-Dinitrophenol	9.975	184	16803	37.264	ng	#	77
55) Dibenzofuran	10.128	168	480540	41.881	ng		99
56) 4-Nitrophenol	10.016	139	59642	39.668	ng		96
57) 2,4-Dinitrotoluene	10.104	165	87197	38.763	ng		98
58) Fluorene	10.475	166	348262	40.828	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	112924	43.386	ng		97
60) Diethylphthalate	10.339	149	348861	39.778	ng		99
61) 4-Chlorophenyl-phenyle...	10.463	204	176372	40.580	ng		100
62) 4-Nitroaniline	10.480	138	73202	41.725	ng		98
63) Azobenzene	10.622	77	372680	40.321	ng		99
65) 4,6-Dinitro-2-methylph...	10.510	198	29506	37.701	ng		92
66) n-Nitrosodiphenylamine	10.580	169	319987	42.280	ng		98
67) 4-Bromophenyl-phenylether	10.957	248	166753	42.519	ng		99
68) Hexachlorobenzene	11.022	284	230854	42.714	ng		98
69) Atrazine	11.104	200	91458	41.731	ng		97
70) Pentachlorophenol	11.210	266	115094	42.781	ng		98
71) Phenanthrene	11.433	178	501591	42.454	ng		99
72) Anthracene	11.486	178	497611	41.988	ng		99
73) Carbazole	11.639	167	443477	42.799	ng		100
74) Di-n-butylphthalate	11.974	149	524645	44.025	ng		100
75) Fluoranthene	12.627	202	513260	43.193	ng		99
77) Benzidine	12.745	184	259270	39.457	ng		99
78) Pyrene	12.857	202	544153	41.045	ng		99
80) Butylbenzylphthalate	13.474	149	198621	43.304	ng		99
81) Benzo(a)anthracene	14.045	228	589468	40.691	ng		99
82) 3,3'-Dichlorobenzidine	14.010	252	250642	39.938	ng		99
83) Chrysene	14.080	228	555552	42.382	ng		99
84) Bis(2-ethylhexyl)phtha...	14.033	149	291258	43.322	ng		98
85) Di-n-octyl phthalate	14.651	149	498026	40.838	ng		98
87) Indeno(1,2,3-cd)pyrene	17.027	276	1234638	43.072	ng		99
88) Benzo(b)fluoranthene	15.098	252	784257	40.764	ng		99
89) Benzo(k)fluoranthene	15.127	252	710770	36.773	ng		100
90) Benzo(a)pyrene	15.468	252	759384	41.992	ng		100
91) Dibenzo(a,h)anthracene	17.045	278	1014551	43.274	ng		99
92) Benzo(g,h,i)perylene	17.474	276	972510	43.031	ng		100

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

Quantitation Report (QT Reviewed)

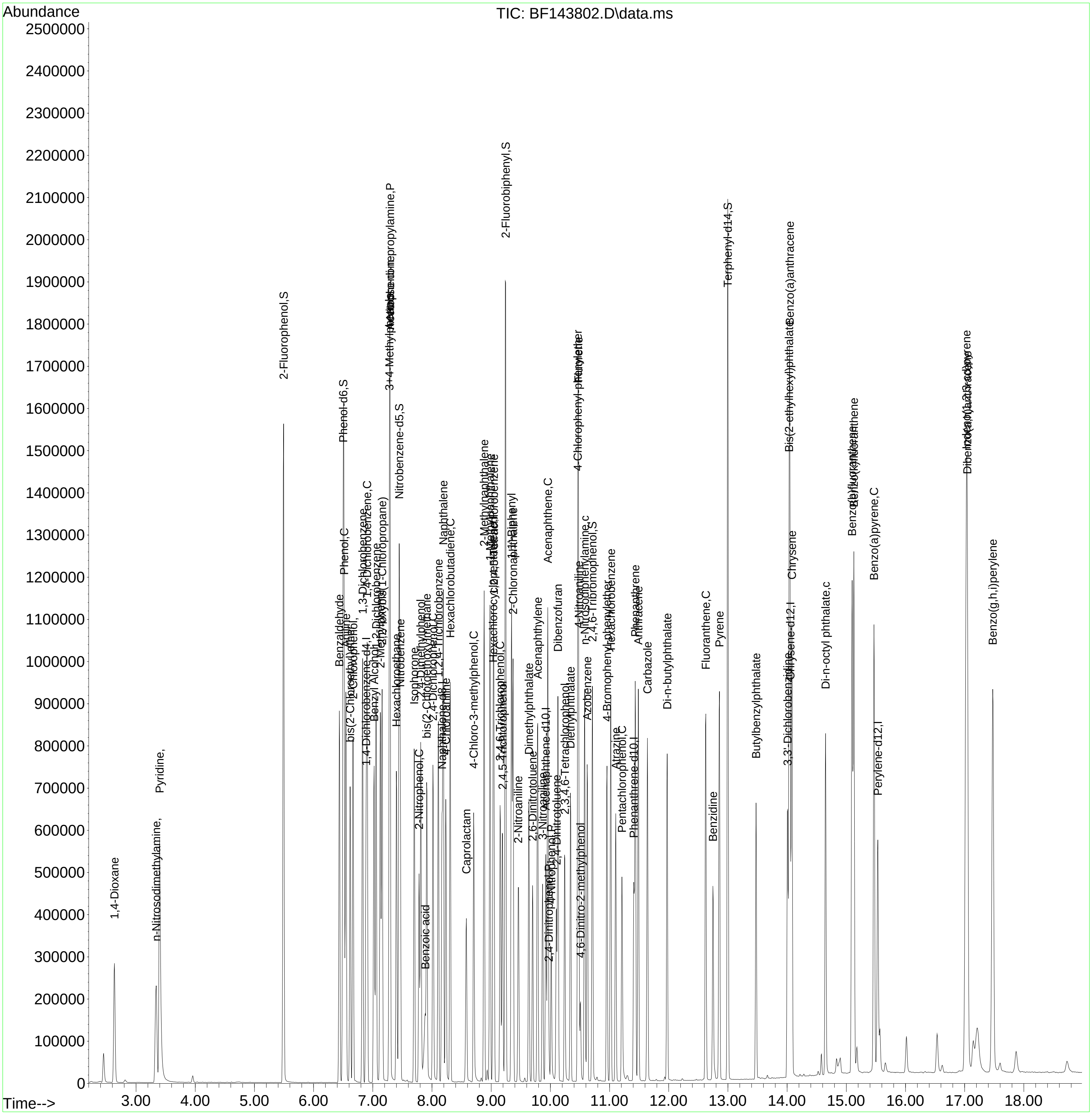
Sample Results: **BF143802.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
Data File : BF143802.D
Acq On : 25 Sep 2025 13:06
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 25 14:33:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 05:00:00 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 09/26/2025
Supervised By :Jagrut Upadhyay 09/26/2025



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 09/26/2025
Supervised By :Jagrut Upadhyay 09/26/2025

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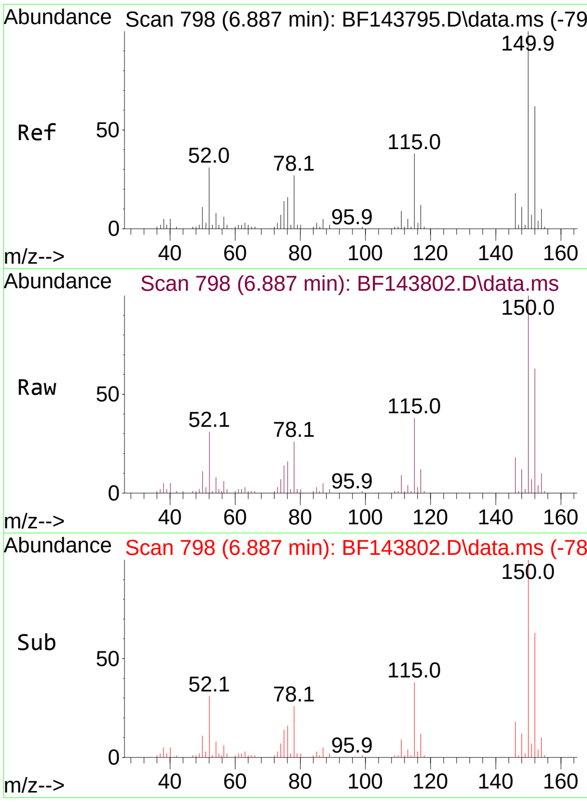
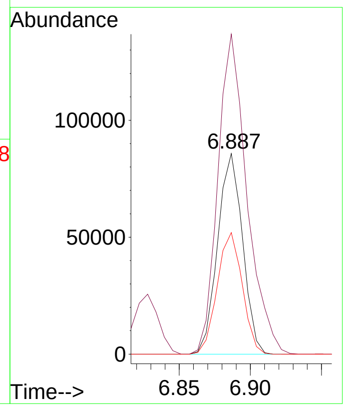
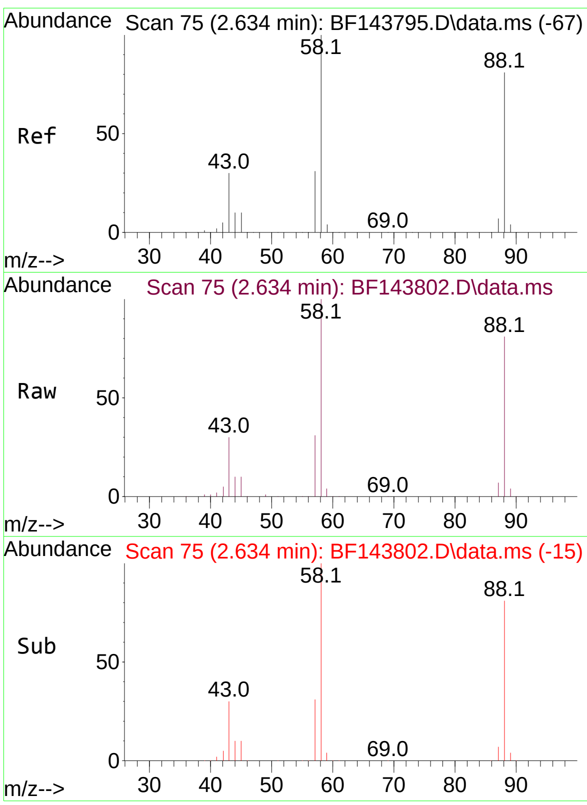
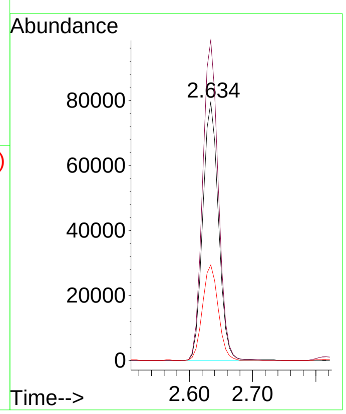


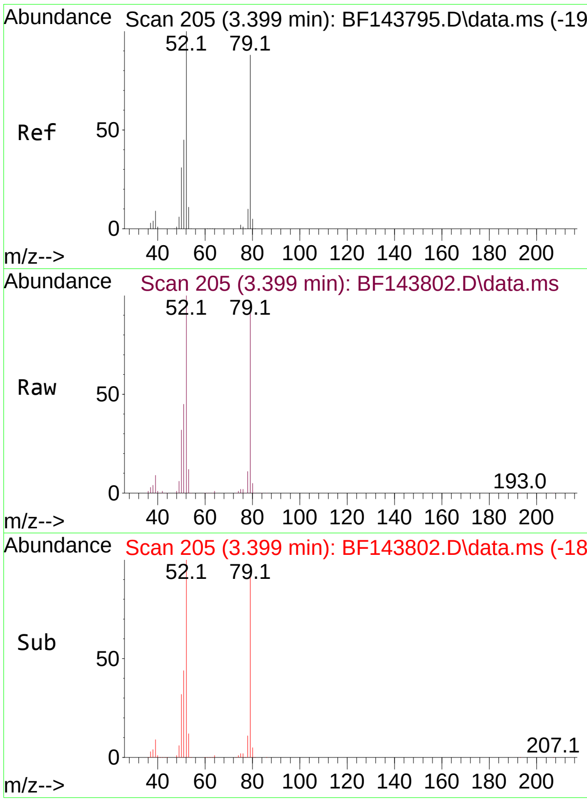

```
#1
1,4-Dichlorobenzene-d4
Concen:   20.000 ng
RT:    6.887 min  Scan# 79
Delta R.T.  -0.000 min
Lab File:   BF143802.D
Acq: 25 Sep 2025  13:06

Tgt Ion:152 Resp:  10458
Ion  Ratio  Lower  Upper
152  100
150  159.6  129.6  194.4
115   60.6   49.0   73.4
```






```
#2
1,4-Dioxane
Concen:   44.481 ng
RT:    2.634 min  Scan# 75
Delta R.T.  0.000 min
Lab File:   BF143802.D
Acq: 25 Sep 2025  13:06

Tgt Ion: 88 Resp:  137047
Ion  Ratio  Lower  Upper
 88  100
 58  123.2   99.4  149.2
 43   37.0   30.6   45.8
```

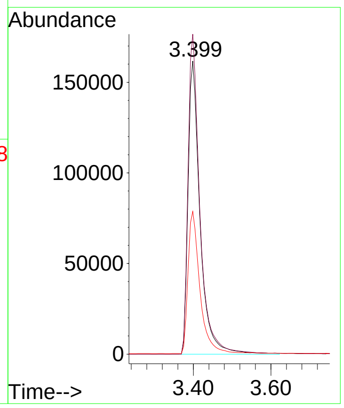




#3
Pyridine
Concen: 41.751 ng
RT: 3.399 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF143802.D
Acq: 25 Sep 2025 13:06

Tgt Ion: 79 Resp: 34723

Ion	Ratio	Lower	Upper
79	100		
52	109.2	90.5	135.7
51	48.7	40.6	61.0



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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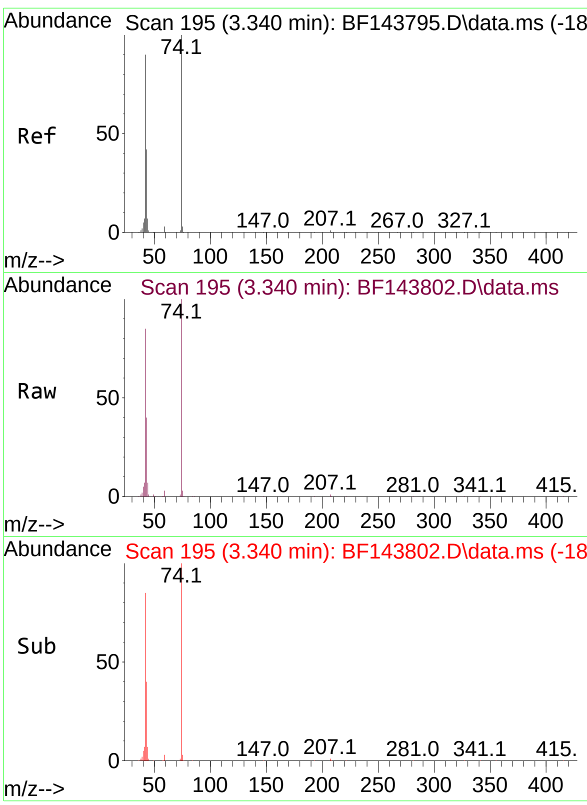
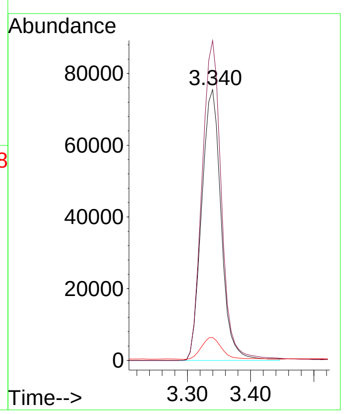
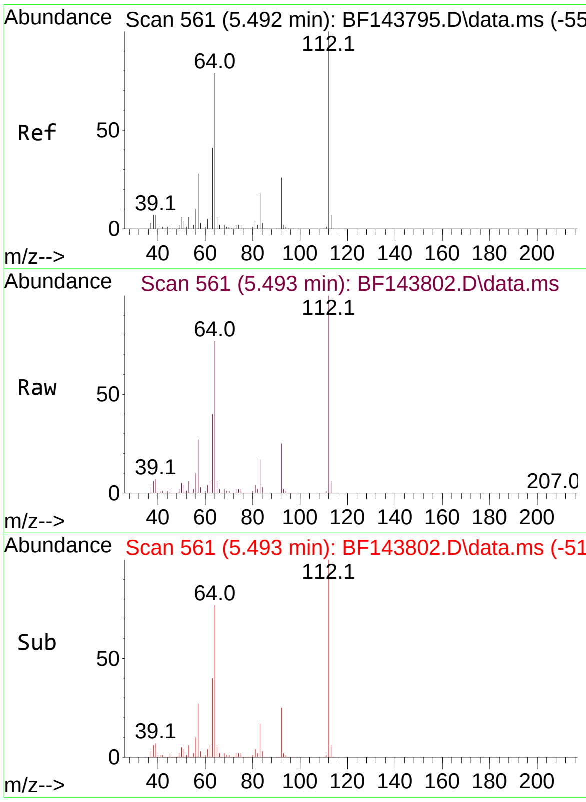


#4
n-Nitrosodimethylamine
Concen: 38.826 ng
RT: 3.340 min Scan# 195
Delta R.T. -0.018 min
Lab File: BF143802.D
Acq: 25 Sep 2025 13:06

Tgt Ion: 42 Resp: 161912

Ion	Ratio	Lower	Upper
42	100		
74	118.1	89.1	133.7
44	8.5	6.4	9.6





#5
2-Fluorophenol
Concen: 81.743 ng
RT: 5.493 min Scan# 56
Delta R.T. -0.005 min
Lab File: BF143802.D
Acq: 25 Sep 2025 13:06

Tgt Ion:112 Resp: 52617

Ion	Ratio	Lower	Upper
112	100		
64	76.5	63.0	94.4
63	40.0	32.6	49.0

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
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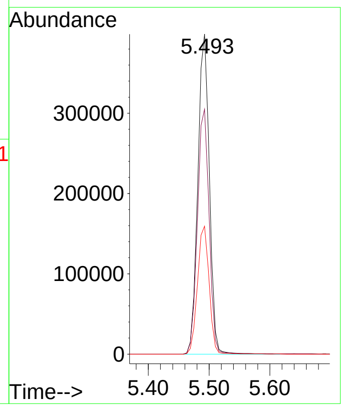
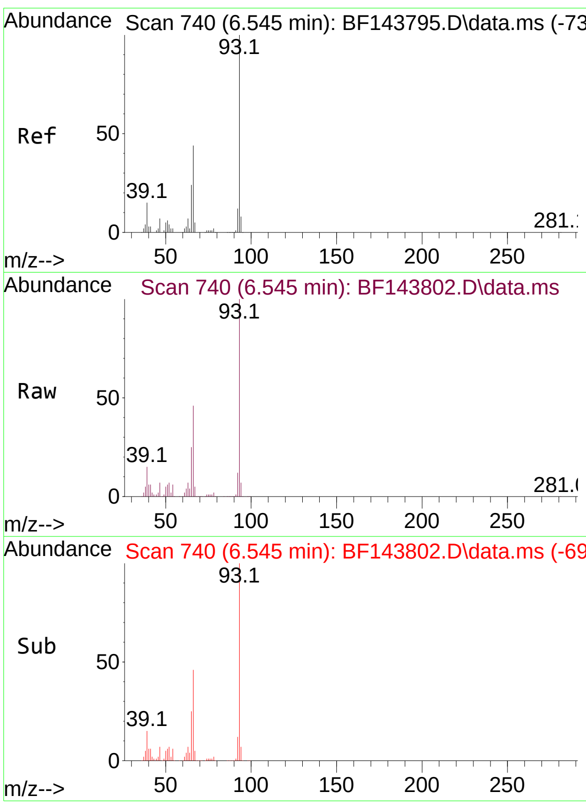
Reviewed By :Rahul Chavli 09/26/2025
Supervised By :Jagrut Upadhyay 09/26/2025

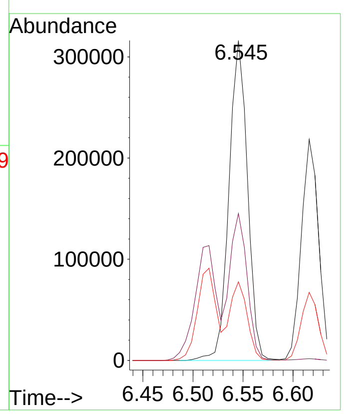




#6
Aniline
Concen: 37.738 ng
RT: 6.545 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF143802.D
Acq: 25 Sep 2025 13:06

Tgt Ion: 93 Resp: 407371

Ion	Ratio	Lower	Upper
93	100		
66	45.9	37.1	55.7
65	24.6	19.4	29.0



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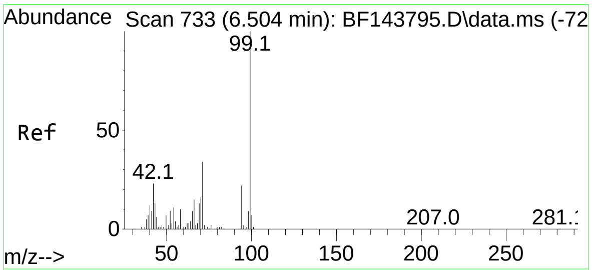
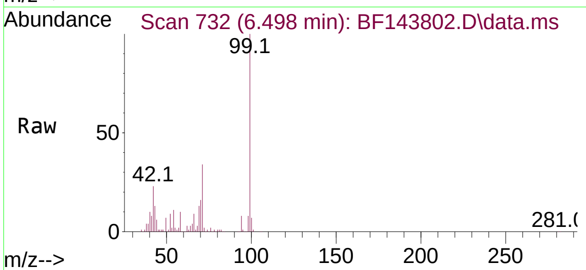
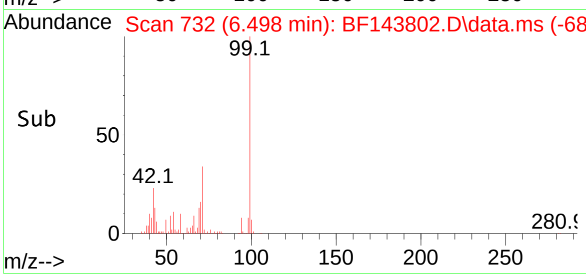


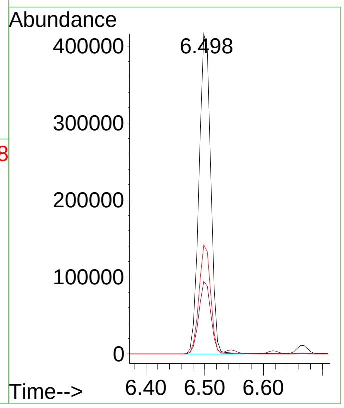




#7
Phenol-d6
Concen: 77.411 ng
RT: 6.498 min   Scan# 73
Delta R.T.   -0.012 min
Lab File: BF143802.D
Acq: 25 Sep 2025   13:06

Tgt Ion: 99 Resp: 57574

Ion	Ratio	Lower	Upper
99	100		
42	22.7	18.6	28.0
71	34.0	27.0	40.4



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
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Supervised By :Jagrut Upadhyay   09/26/2025

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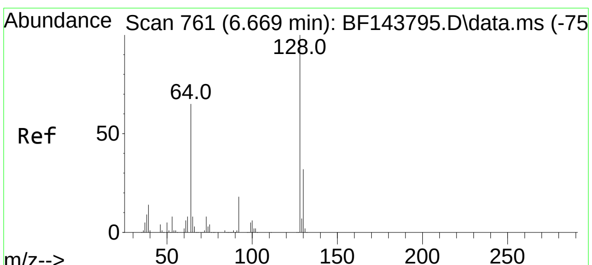
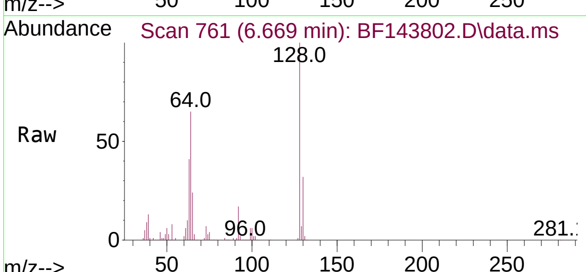
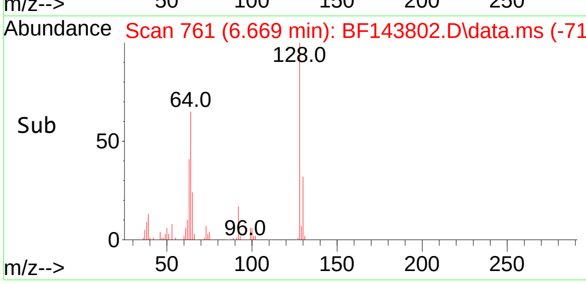


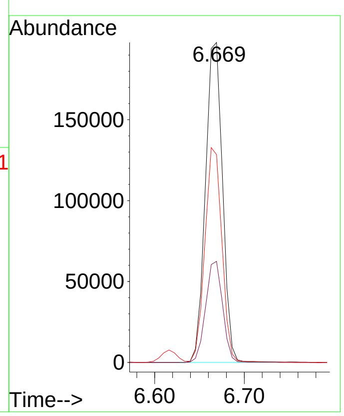




#8
2-Chlorophenol
Concen: 39.981 ng
RT: 6.669 min   Scan# 761
Delta R.T.   0.000 min
Lab File: BF143802.D
Acq: 25 Sep 2025   13:06

Tgt Ion:128 Resp: 263465

Ion	Ratio	Lower	Upper
128	100		
130	31.6	12.2	52.2
64	64.9	46.5	86.5



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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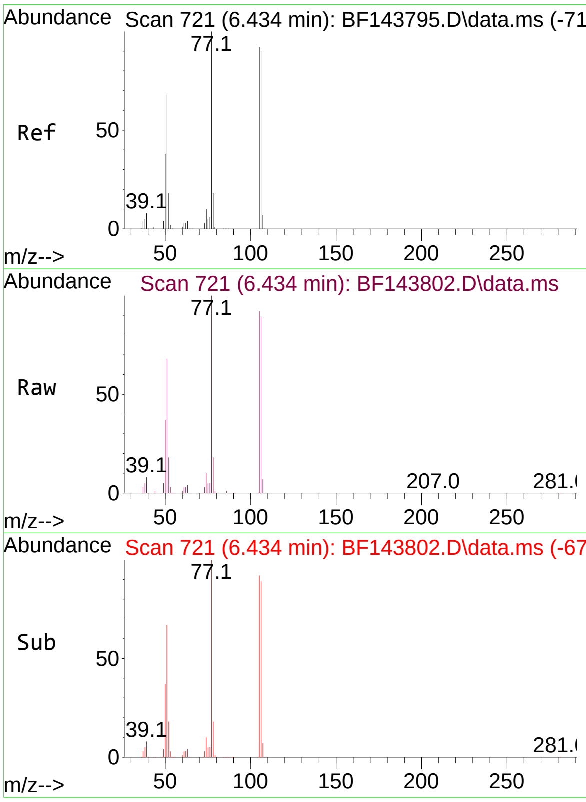
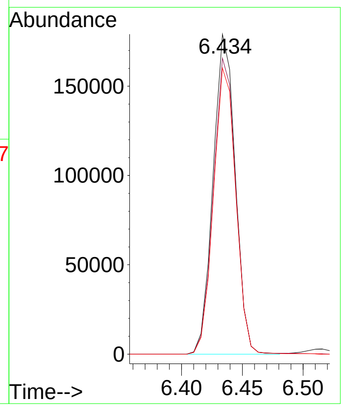
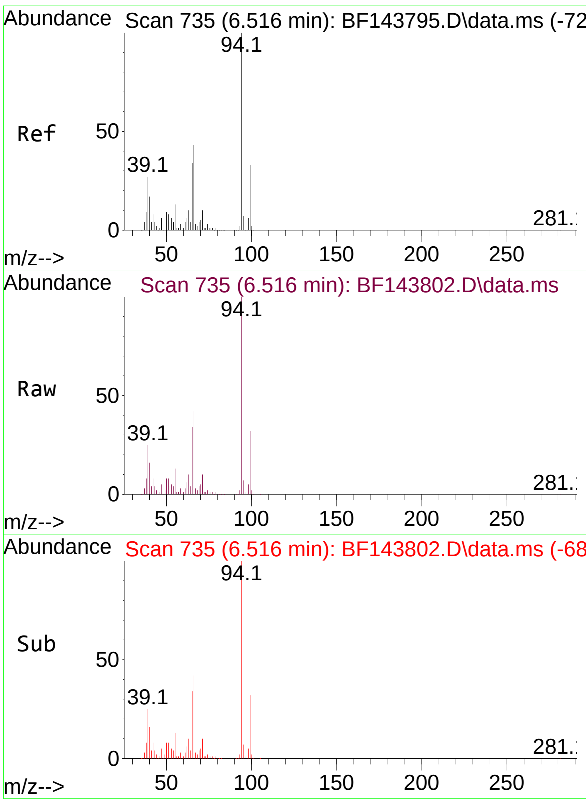


#9
Benzaldehyde
Concen: 34.942 ng
RT: 6.434 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143802.D
Acq: 25 Sep 2025 13:06

Tgt Ion: 77 Resp: 22757

Ion	Ratio	Lower	Upper
77	100		
105	92.5	71.8	111.8
106	89.4	69.8	109.8

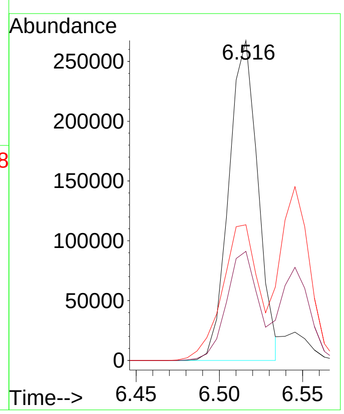


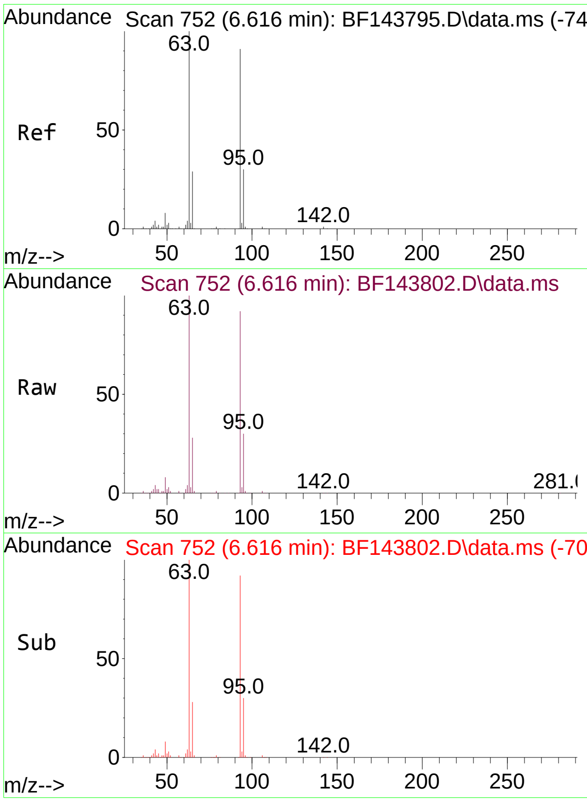


#10
Phenol
Concen: 37.701 ng m
RT: 6.516 min Scan# 735
Delta R.T. -0.012 min
Lab File: BF143802.D
Acq: 25 Sep 2025 13:06

Tgt Ion: 94 Resp: 325930

Ion	Ratio	Lower	Upper
94	100		
65	34.1	14.2	54.2
66	42.4	24.1	64.1



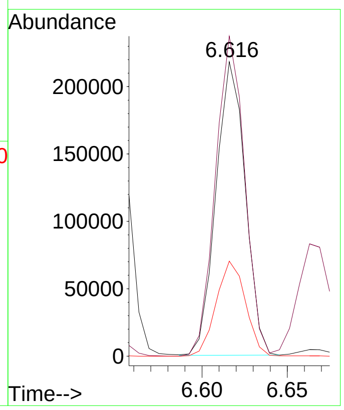


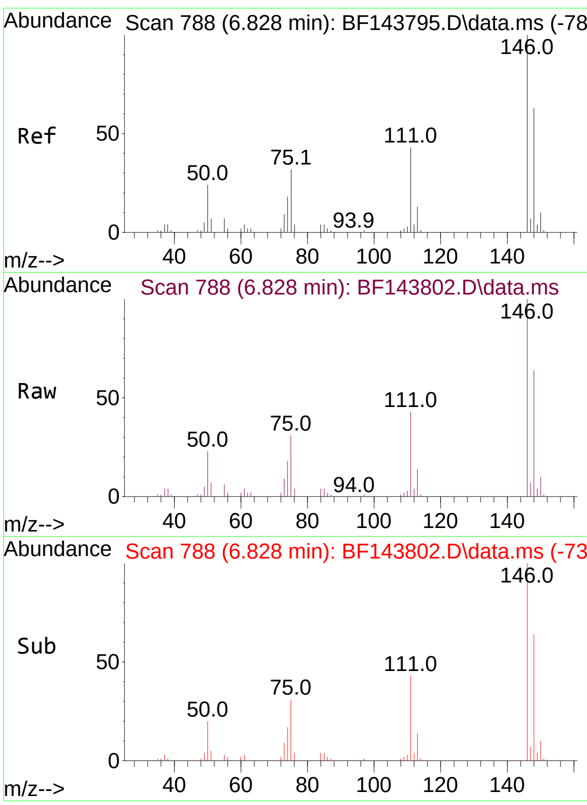

```
#11
bis(2-Chloroethyl)ether
Concen:   38.364 ng
RT:   6.616 min  Scan# 75
Delta R.T.  -0.006 min
Lab File:   BF143802.D
Acq: 25 Sep 2025  13:06

Tgt Ion: 93 Resp:  25997
Ion  Ratio  Lower  Upper
 93  100
 63  108.7   89.2  129.2
 95   32.3   12.9   52.9
```

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

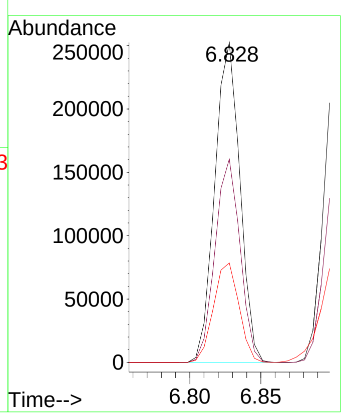
Manual Integrations
APPROVED
Reviewed By :Rahul Chavli 09/26/2025
Supervised By :Jagrut Upadhyay 09/26/2025

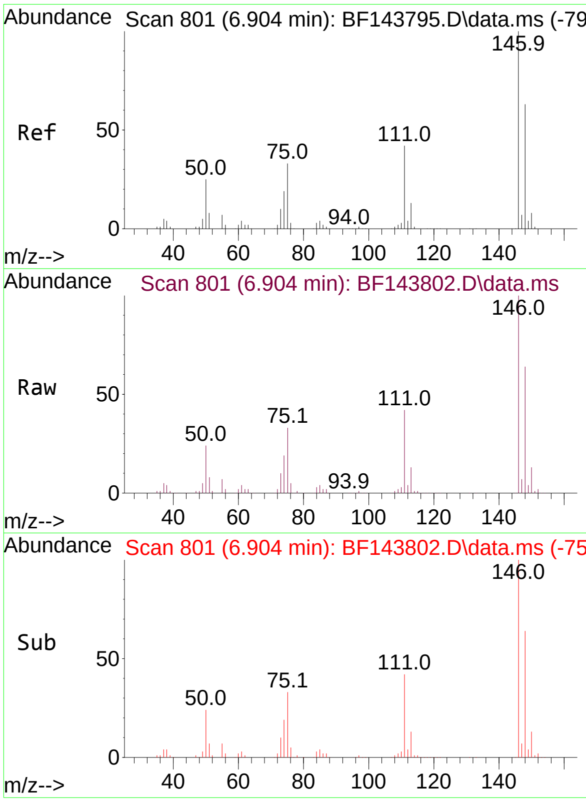





```
#12
1,3-Dichlorobenzene
Concen:   40.509 ng
RT:   6.828 min  Scan# 788
Delta R.T.  0.000 min
Lab File:   BF143802.D
Acq: 25 Sep 2025  13:06

Tgt Ion:146 Resp:  309941
Ion  Ratio  Lower  Upper
146  100
148   63.5   50.4   75.6
 75   31.1   25.6   38.4
```

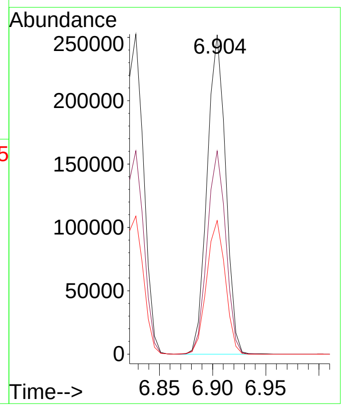




#13
1,4-Dichlorobenzene
Concen: 40.057 ng
RT: 6.904 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF143802.D
Acq: 25 Sep 2025 13:06

Tgt Ion:146 Resp: 305856

Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.7	76.1
111	41.8	33.4	50.2



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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Supervised By :Jagrut Upadhyay 09/26/2025

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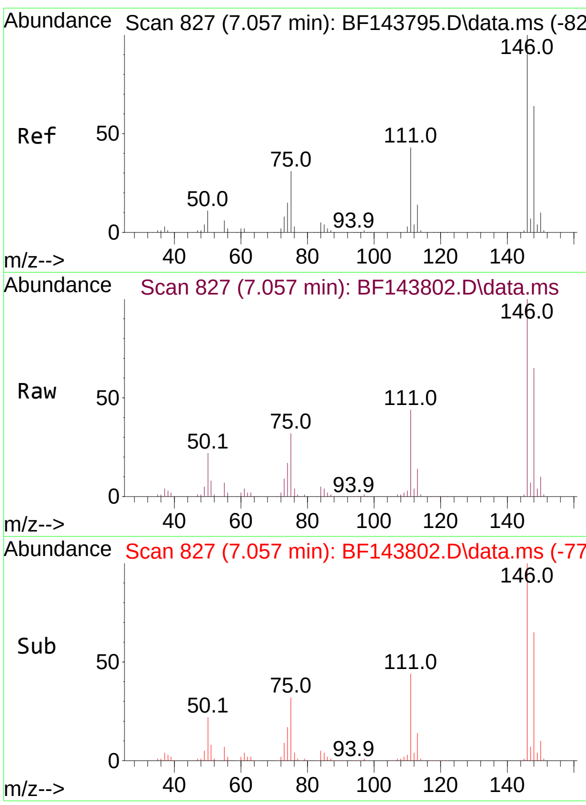
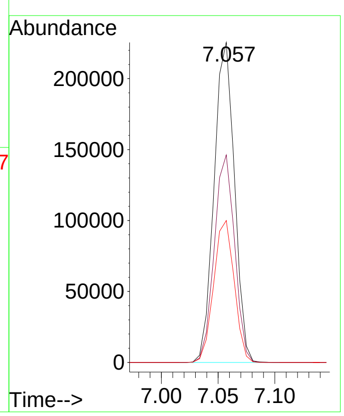


#14
1,2-Dichlorobenzene
Concen: 39.060 ng
RT: 7.057 min Scan# 827
Delta R.T. 0.000 min
Lab File: BF143802.D
Acq: 25 Sep 2025 13:06

Tgt Ion:146 Resp: 282473

Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.1	76.7
111	44.3	34.3	51.5



Instrument : BNA_F
ClientSampleId : SSTDCCC040

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Reviewed By :Rahul Chavli 09/26/2025
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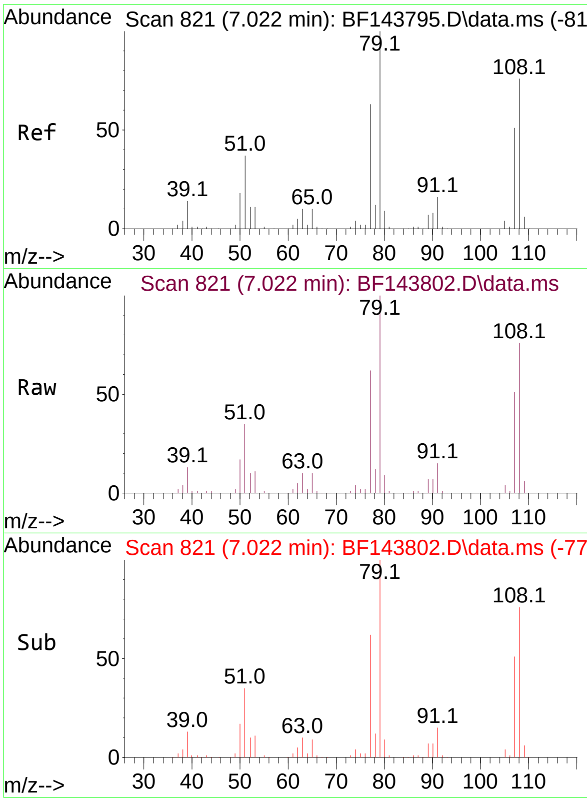
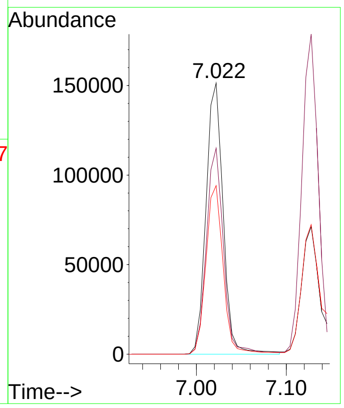
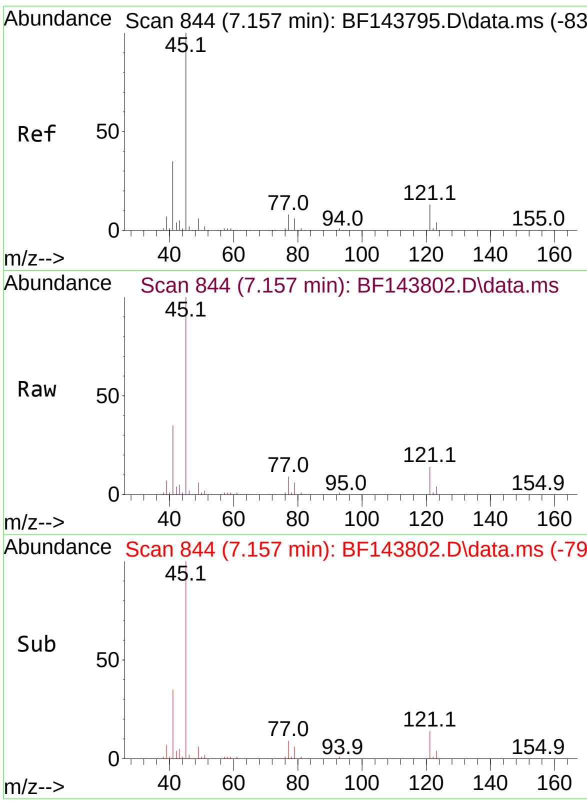


#15
Benzyl Alcohol
Concen: 37.316 ng
RT: 7.022 min Scan# 82
Delta R.T. -0.006 min
Lab File: BF143802.D
Acq: 25 Sep 2025 13:06

Tgt Ion: 79 Resp: 200542

Ion	Ratio	Lower	Upper
79	100		
108	75.9	60.5	90.7
77	62.2	50.3	75.5

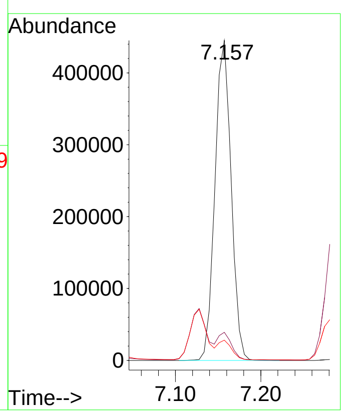




#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.459 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF143802.D
Acq: 25 Sep 2025 13:06

Tgt Ion: 45 Resp: 585866

Ion	Ratio	Lower	Upper
45	100		
77	8.8	0.0	28.5
79	6.3	0.0	26.3



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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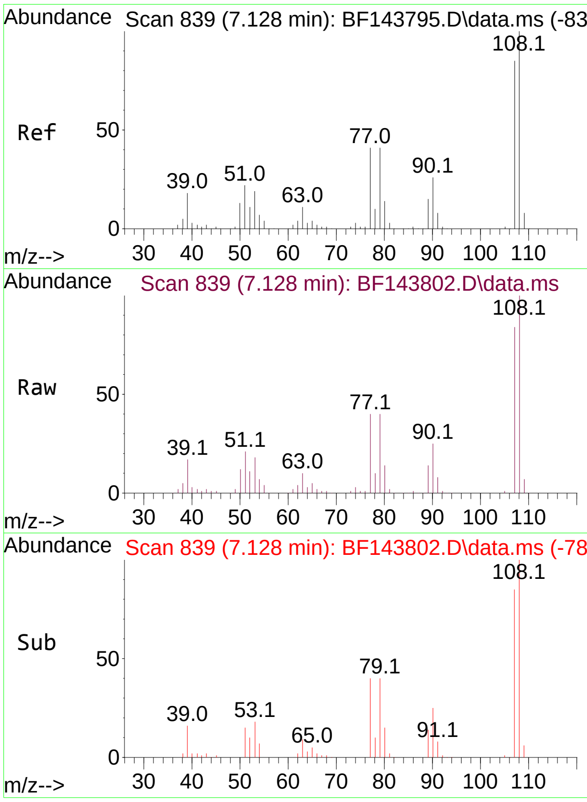
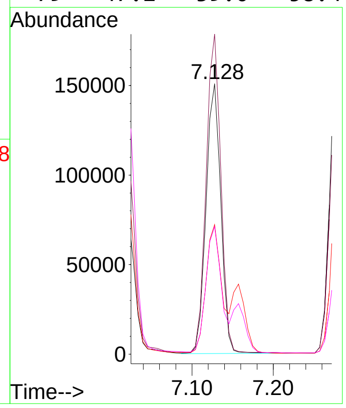
Supervised By :Jagrut Upadhyay 09/26/2025

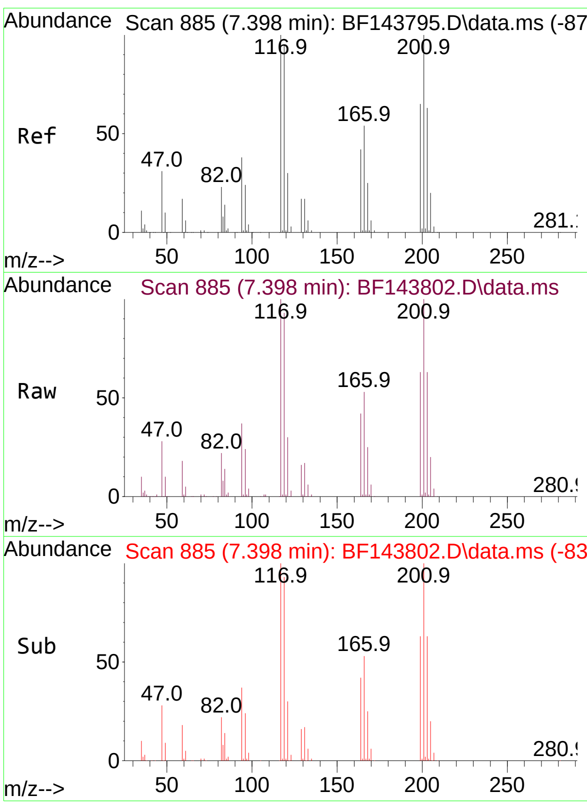


#17
2-Methylphenol
Concen: 37.449 ng
RT: 7.128 min Scan# 83
Delta R.T. -0.006 min
Lab File: BF143802.D
Acq: 25 Sep 2025 13:06

Tgt Ion:107 Resp: 191056

Ion	Ratio	Lower	Upper
107	100		
108	118.4	94.2	141.4
77	47.9	38.6	58.0
79	47.2	39.0	58.4

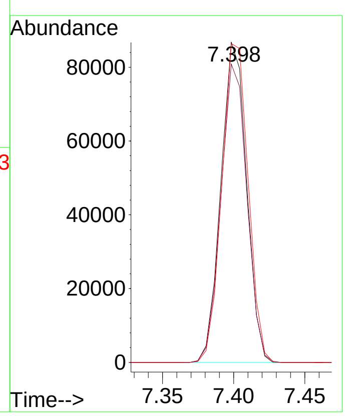




#18
Hexachloroethane
Concen: 40.547 ng
RT: 7.398 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF143802.D
Acq: 25 Sep 2025 13:06

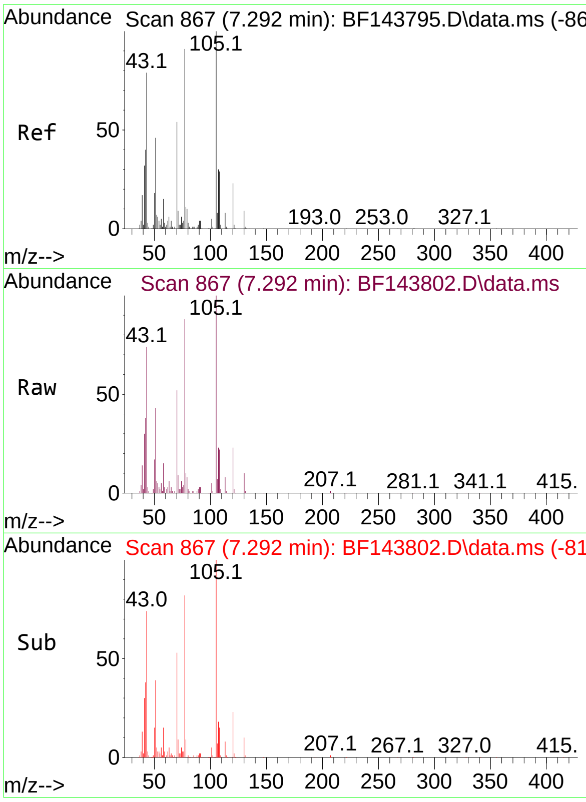
Tgt Ion:117 Resp: 108879

Ion	Ratio	Lower	Upper
117	100		
119	93.2	76.2	114.2
201	99.6	79.7	119.5



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

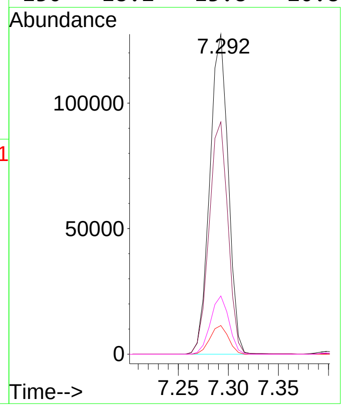
Manual Integrations
APPROVED
Reviewed By :Rahul Chavli 09/26/2025
Supervised By :Jagrut Upadhyay 09/26/2025

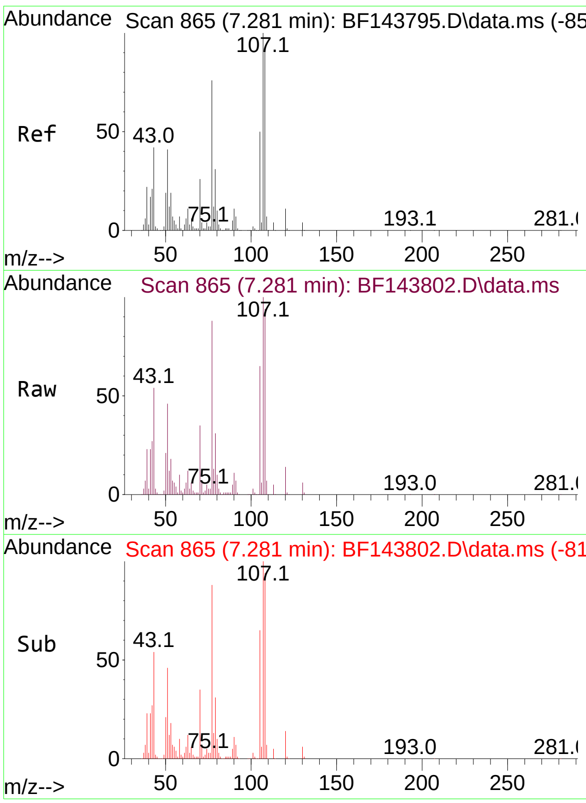


#19
n-Nitroso-di-n-propylamine
Concen: 34.204 ng
RT: 7.292 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF143802.D
Acq: 25 Sep 2025 13:06

Tgt Ion: 70 Resp: 16358

Ion	Ratio	Lower	Upper
70	100		
42	72.6	59.4	89.0
101	8.9	7.1	10.7
130	18.2	13.8	20.8

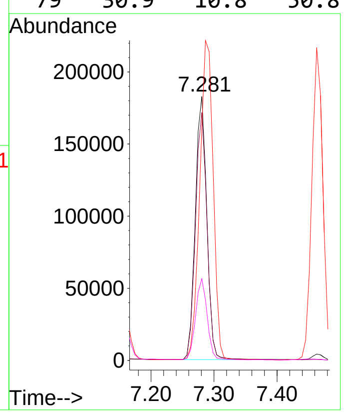




#20
3+4-Methylphenols
Concen: 37.534 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF143802.D
Acq: 25 Sep 2025 13:06

Tgt Ion:107 Resp: 233199

Ion	Ratio	Lower	Upper
107	100		
108	93.9	72.5	112.5
77	88.4	56.2	96.2
79	30.9	10.8	50.8



Instrument :
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ClientSampleId :
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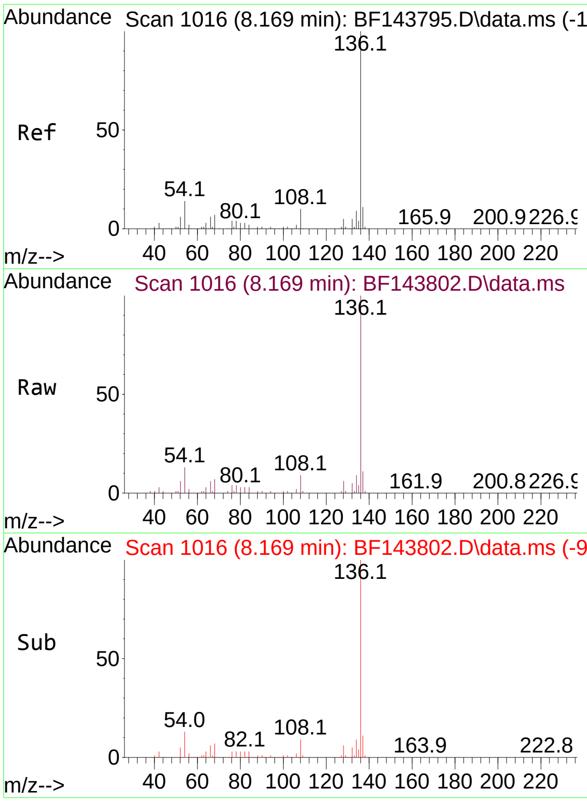
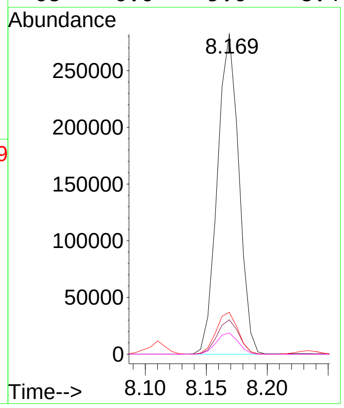
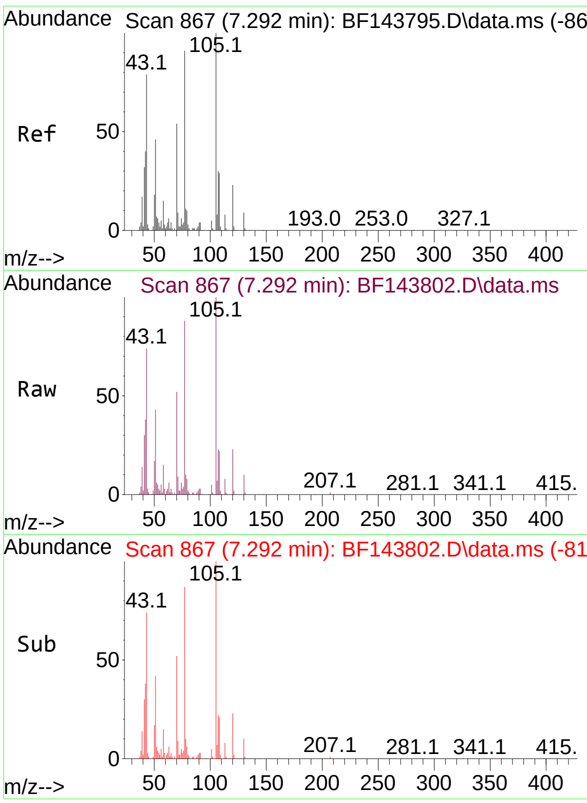


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF143802.D
Acq: 25 Sep 2025 13:06

Tgt Ion:136 Resp: 347863

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	13.1	11.2	16.8
68	6.6	5.6	8.4

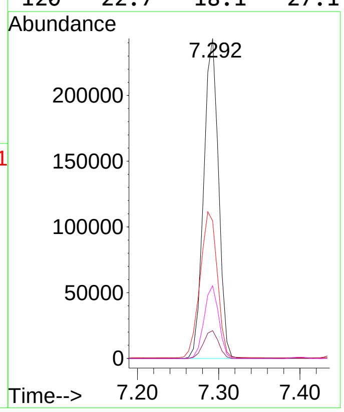


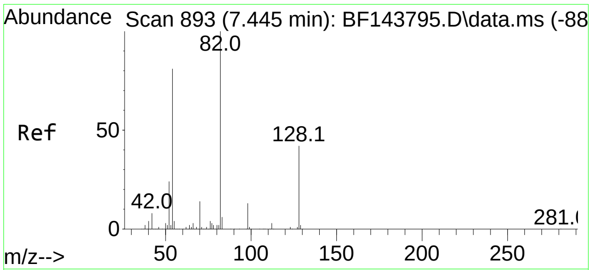


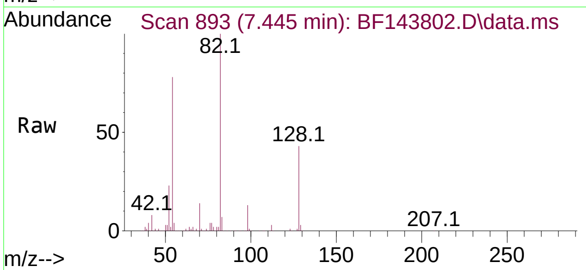
#22
Acetophenone
Concen: 40.315 ng
RT: 7.292 min Scan# 867
Delta R.T. -0.006 min
Lab File: BF143802.D
Acq: 25 Sep 2025 13:06

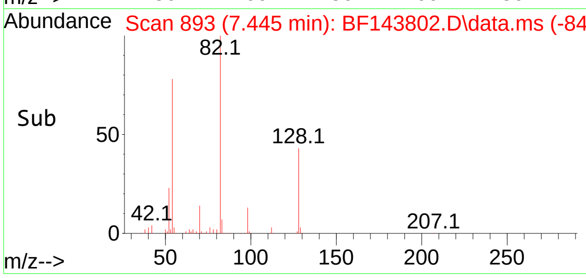
Tgt Ion:105 Resp: 308023

Ion	Ratio	Lower	Upper
105	100		
71	8.7	7.0	10.4
51	43.0	36.6	55.0
120	22.7	18.1	27.1





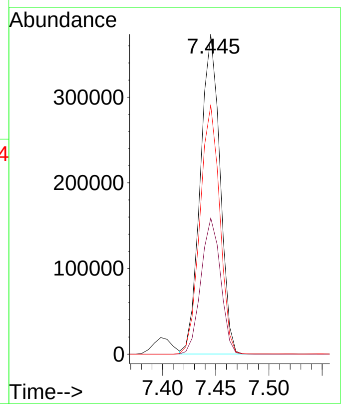




#23
Nitrobenzene-d5
Concen: 84.256 ng
RT: 7.445 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF143802.D
Acq: 25 Sep 2025 13:06

Tgt Ion: 82 Resp: 47882

Ion	Ratio	Lower	Upper
82	100		
128	42.5	33.3	49.9
54	77.8	64.2	96.4



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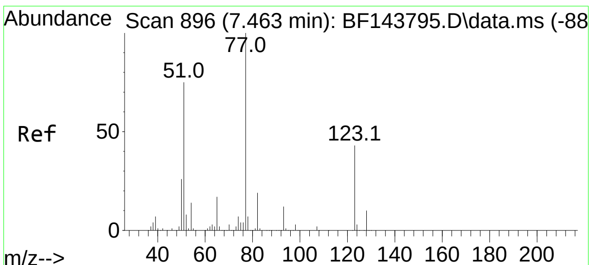
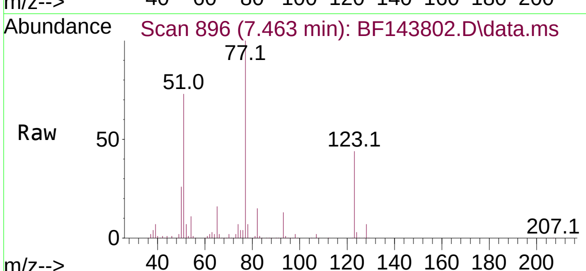
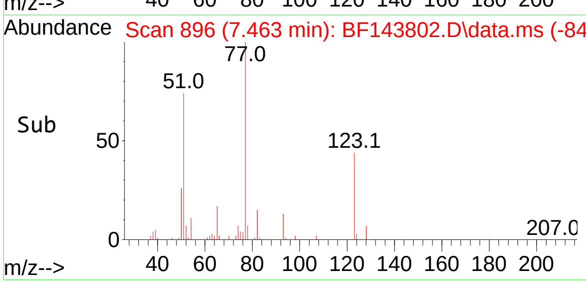
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18



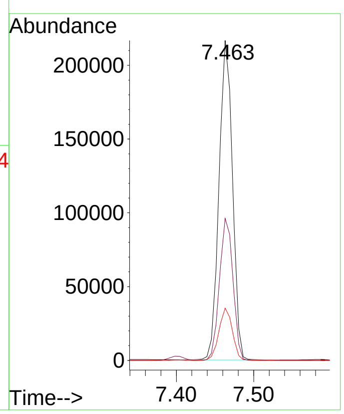




#24
Nitrobenzene
Concen: 41.699 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF143802.D
Acq: 25 Sep 2025 13:06

Tgt Ion: 77 Resp: 262670

Ion	Ratio	Lower	Upper
77	100		
123	44.4	34.0	51.0
65	16.3	13.5	20.3



Instrument :
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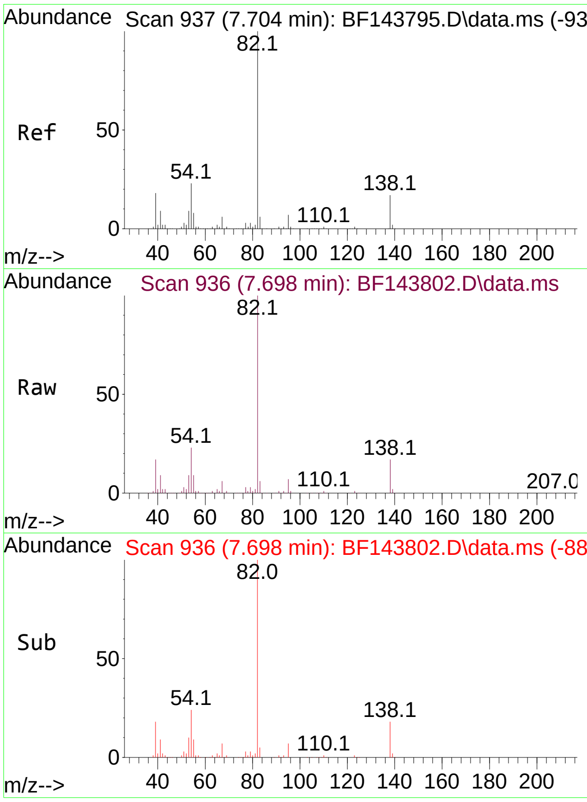
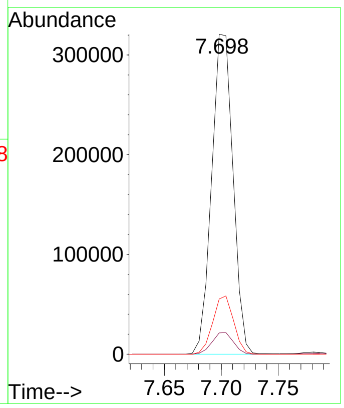
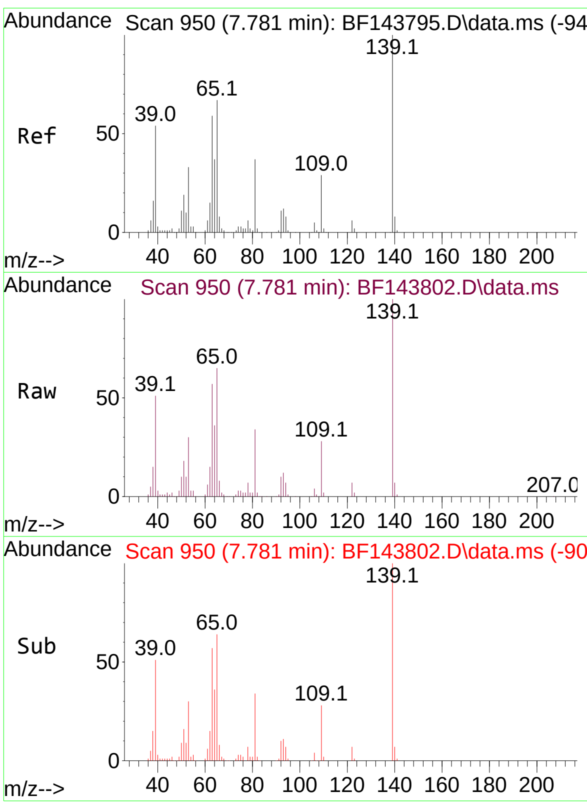


#25
Isophorone
Concen: 37.868 ng
RT: 7.698 min Scan# 93
Delta R.T. -0.012 min
Lab File: BF143802.D
Acq: 25 Sep 2025 13:06

Tgt Ion: 82 Resp: 419359

Ion	Ratio	Lower	Upper
82	100		
95	6.6	5.4	8.2
138	17.2	13.7	20.5

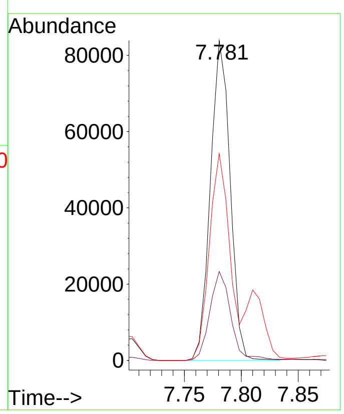




#26
2-Nitrophenol
Concen: 39.769 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.005 min
Lab File: BF143802.D
Acq: 25 Sep 2025 13:06

Tgt Ion:139 Resp: 101572

Ion	Ratio	Lower	Upper
139	100		
109	27.8	23.3	34.9
65	64.6	53.8	80.6



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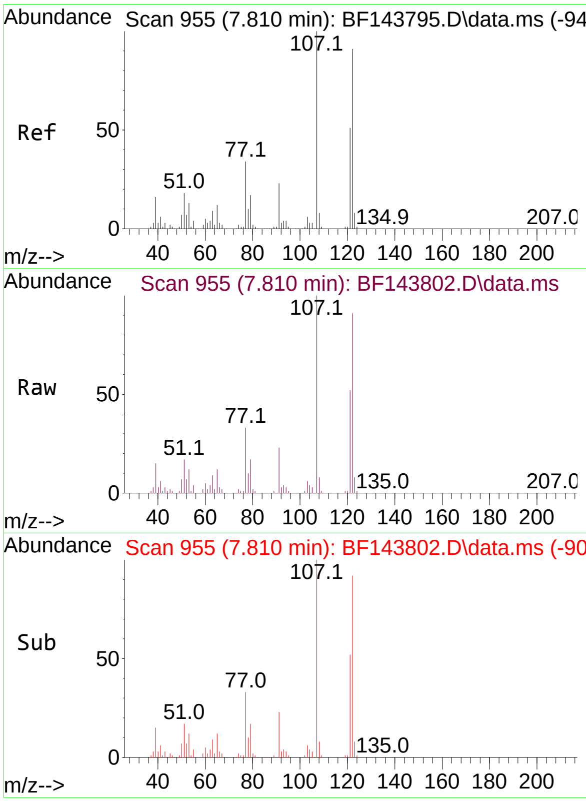
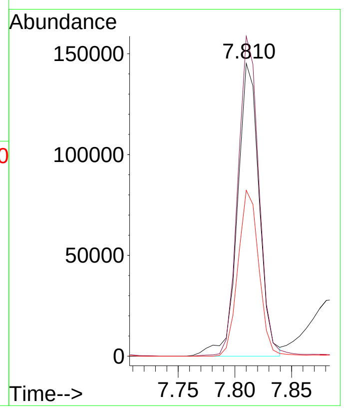
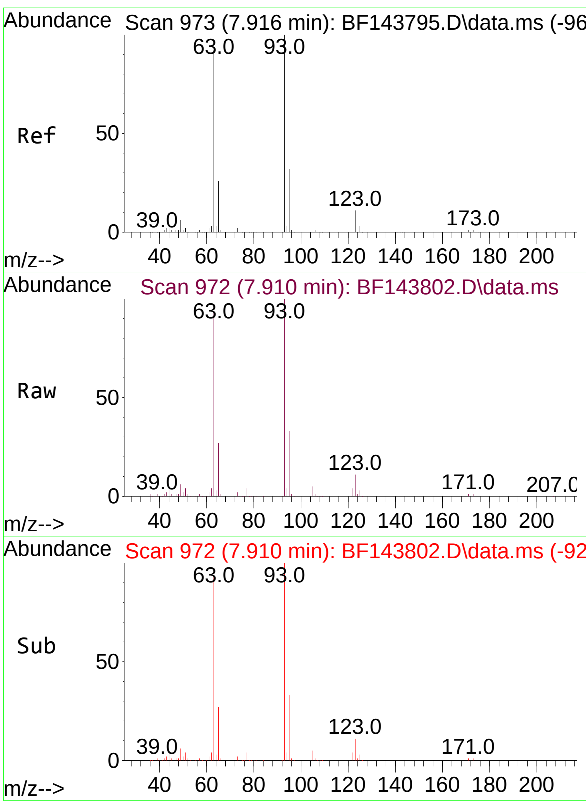


#27
2,4-Dimethylphenol
Concen: 38.866 ng
RT: 7.810 min Scan# 95
Delta R.T. -0.006 min
Lab File: BF143802.D
Acq: 25 Sep 2025 13:06

Tgt Ion:122 Resp: 19237

Ion	Ratio	Lower	Upper
122	100		
107	109.3	87.5	131.3
121	56.7	44.2	66.4

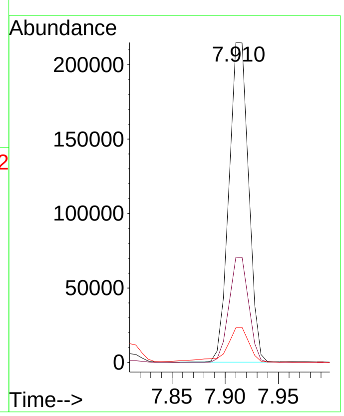




#28
bis(2-Chloroethoxy)methane
Concen: 38.157 ng
RT: 7.910 min Scan# 972
Delta R.T. -0.006 min
Lab File: BF143802.D
Acq: 25 Sep 2025 13:06

Tgt Ion: 93 Resp: 274539

Ion	Ratio	Lower	Upper
93	100		
95	32.9	25.8	38.8
123	10.8	8.8	13.2



Instrument :
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ClientSampleId :
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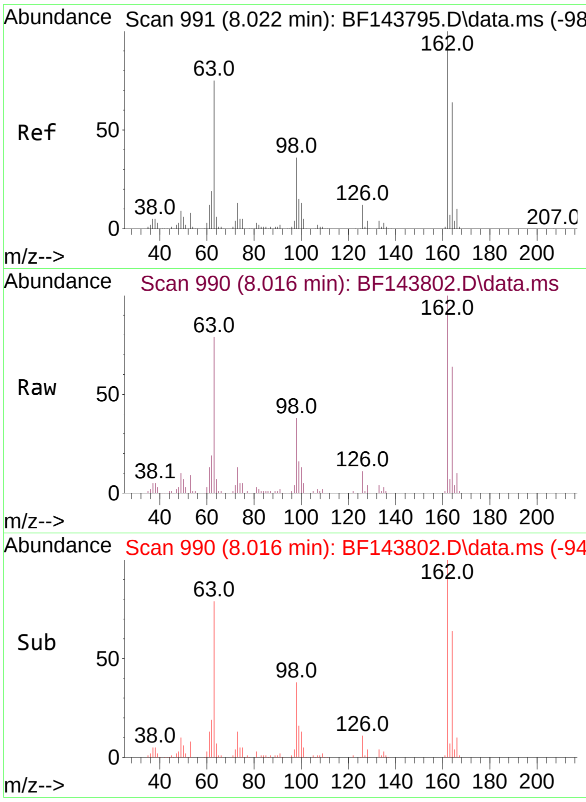
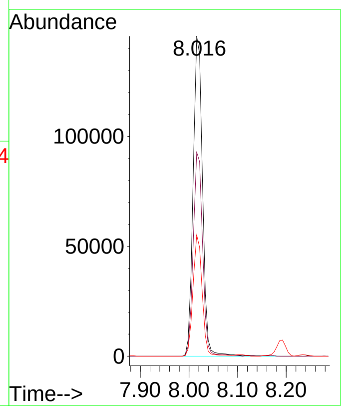
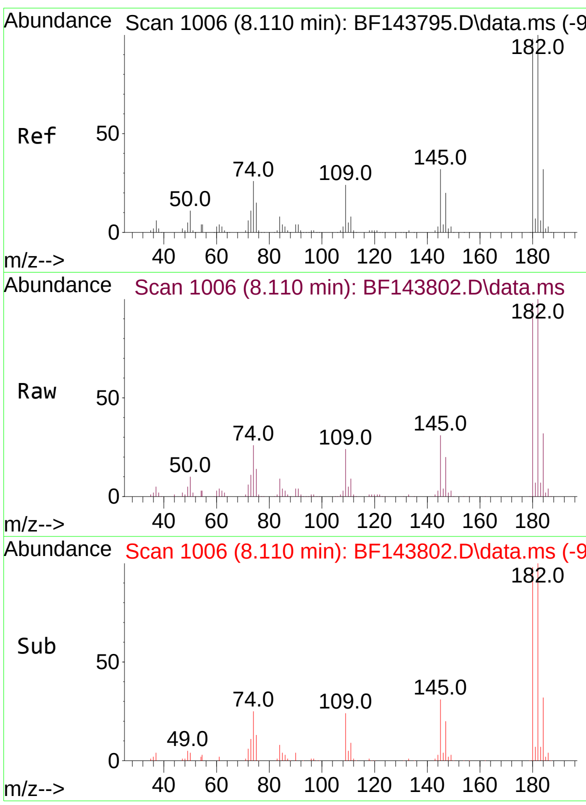


#29
2,4-Dichlorophenol
Concen: 40.090 ng
RT: 8.016 min Scan# 99
Delta R.T. -0.006 min
Lab File: BF143802.D
Acq: 25 Sep 2025 13:06

Tgt Ion:162 Resp: 19525

Ion	Ratio	Lower	Upper
162	100		
164	63.7	44.1	84.1
98	37.8	15.8	55.8

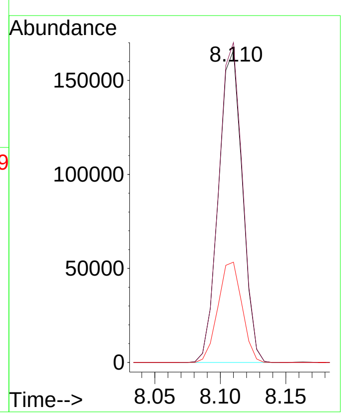




#30
1,2,4-Trichlorobenzene
Concen: 41.644 ng
RT: 8.110 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BF143802.D
Acq: 25 Sep 2025 13:06

Tgt Ion:180 Resp: 210489

Ion	Ratio	Lower	Upper
180	100		
182	102.5	82.0	123.0
145	32.1	25.9	38.9



Instrument :
BNA_F
ClientSampleId :
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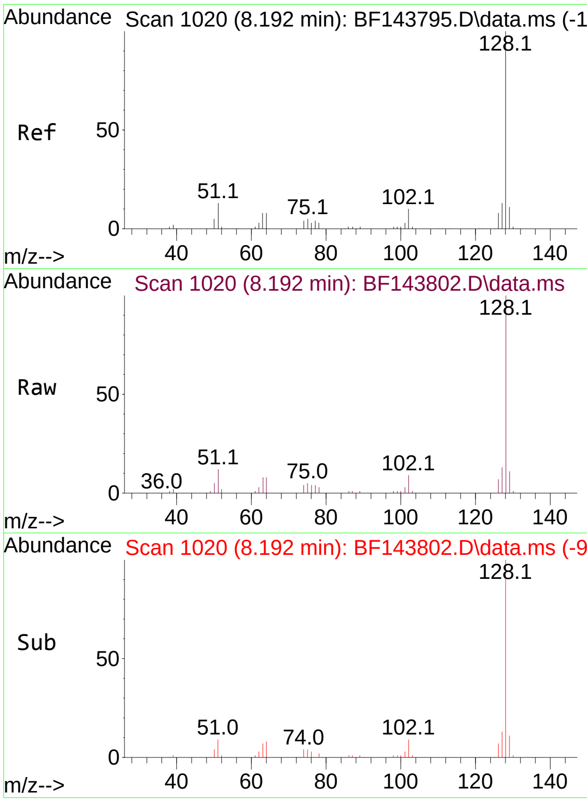
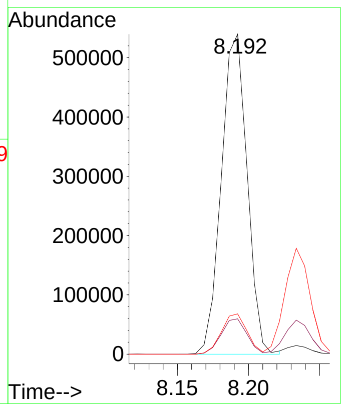
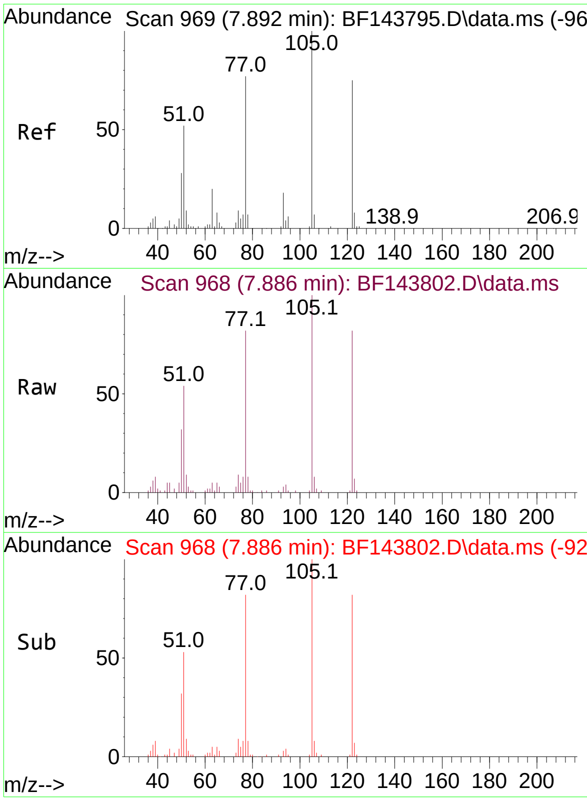
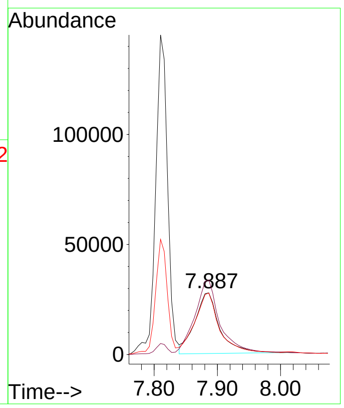


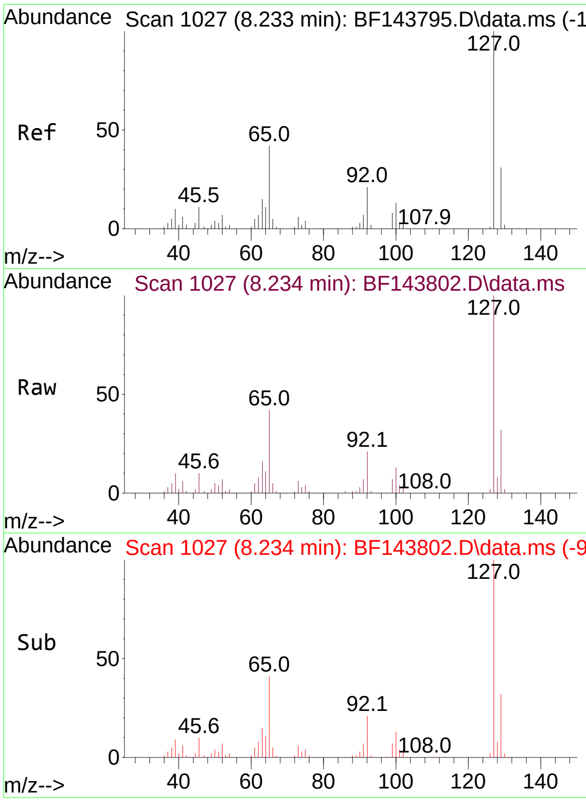

```
#31
Naphthalene
Concen:   40.984 ng
RT:   8.192 min  Scan# 10
Delta R.T.  0.000 min
Lab File:   BF143802.D
Acq: 25 Sep 2025  13:06

Tgt Ion:128 Resp:  682488
Ion  Ratio  Lower  Upper
128  100
129   11.0    8.8   13.2
127   12.6   10.2   15.4
```






```
#32
Benzoic acid
Concen:   31.632 ng
RT:   7.886 min  Scan# 968
Delta R.T.  -0.035 min
Lab File:   BF143802.D
Acq: 25 Sep 2025  13:06

Tgt Ion:122 Resp:   75542
Ion  Ratio  Lower  Upper
122  100
105  121.2  103.7  143.7
 77   99.9   78.8  118.8
```

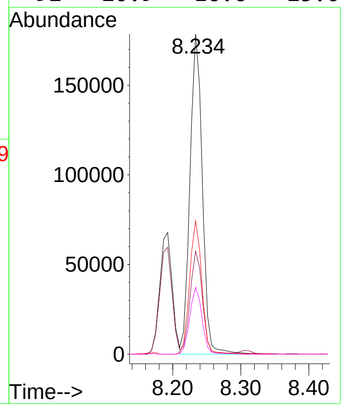




#33
4-Chloroaniline
Concen: 38.630 ng
RT: 8.234 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF143802.D
Acq: 25 Sep 2025 13:06

Tgt Ion:127 Resp: 226064

Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.4	38.2
65	41.6	33.4	50.2
92	20.9	16.6	25.0



Instrument :
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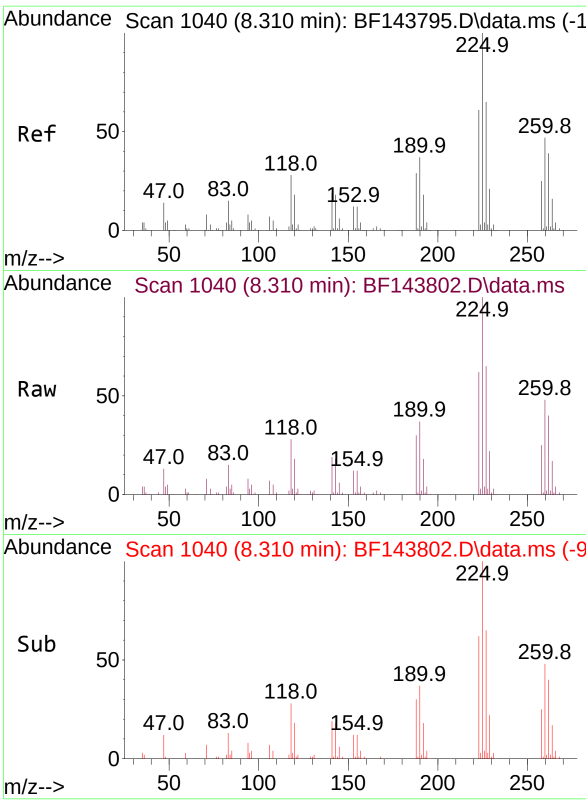
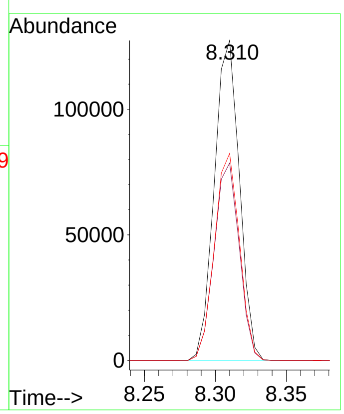


#34
Hexachlorobutadiene
Concen: 41.718 ng
RT: 8.310 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF143802.D
Acq: 25 Sep 2025 13:06

Tgt Ion:225 Resp: 157190

Ion	Ratio	Lower	Upper
225	100		
223	61.7	48.6	72.8
227	64.7	51.9	77.9



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

Instrument :
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ClientSampleId :
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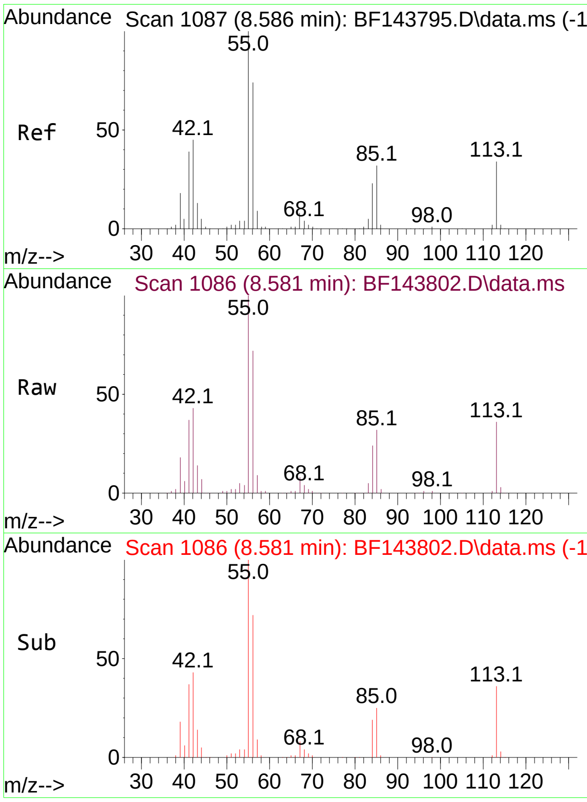
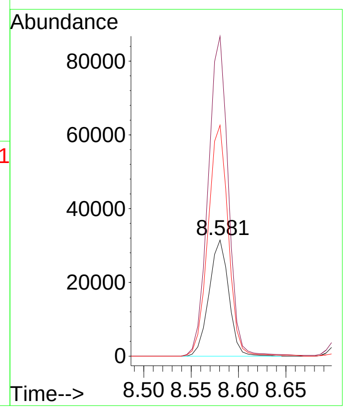
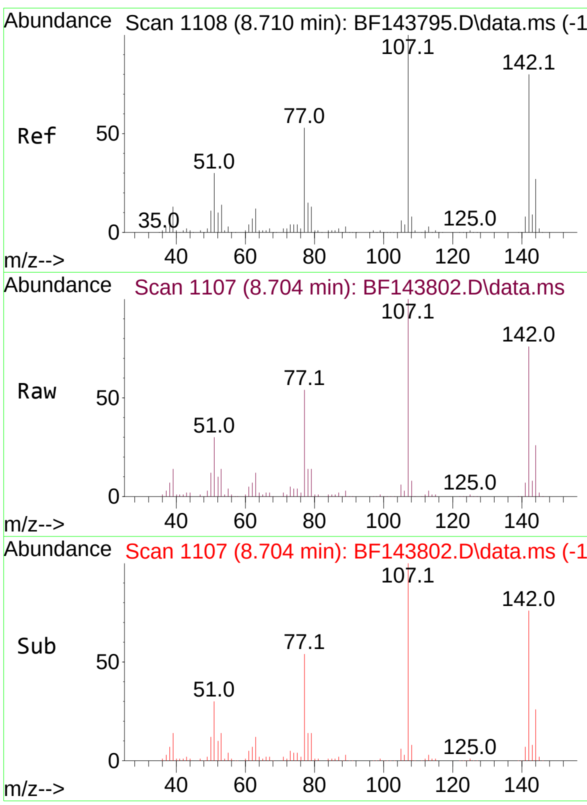
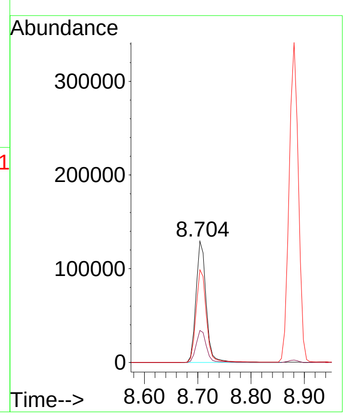



```
#35
Caprolactam
Concen:   36.642 ng
RT:    8.581 min   Scan# 10
Delta R.T.   -0.029 min
Lab File:    BF143802.D
Acq: 25 Sep 2025   13:06

Tgt Ion:113 Resp:    45615
Ion   Ratio   Lower   Upper
113   100
 55   275.7   271.7   311.7
 56   199.0   194.5   234.5
```






```
#36
4-Chloro-3-methylphenol
Concen:   37.652 ng
RT:    8.704 min   Scan# 1107
Delta R.T.   -0.006 min
Lab File:    BF143802.D
Acq: 25 Sep 2025   13:06

Tgt Ion:107 Resp:   171987
Ion   Ratio   Lower   Upper
107   100
144    26.4    21.8    32.8
142    76.5    63.6    95.4
```



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

Instrument :
BNA_F
ClientSampleId :
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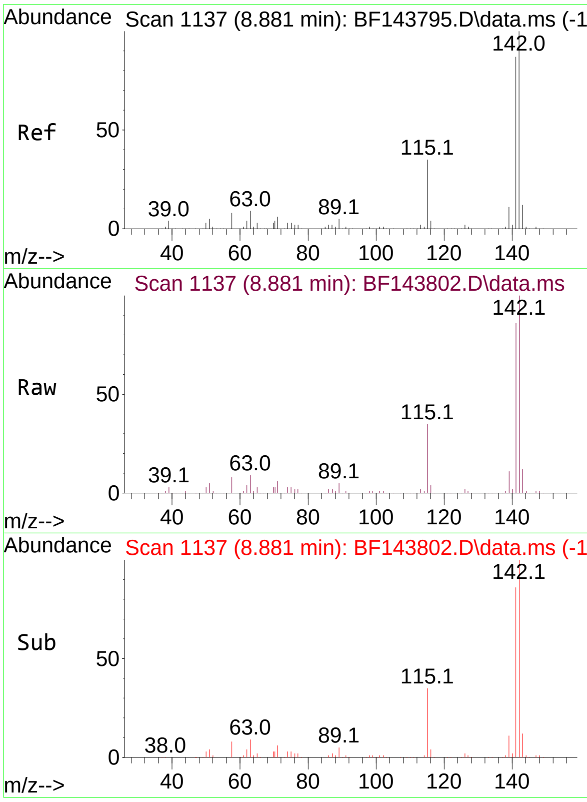
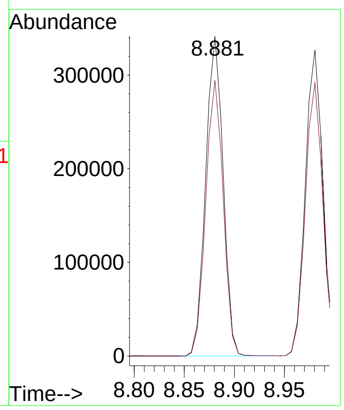
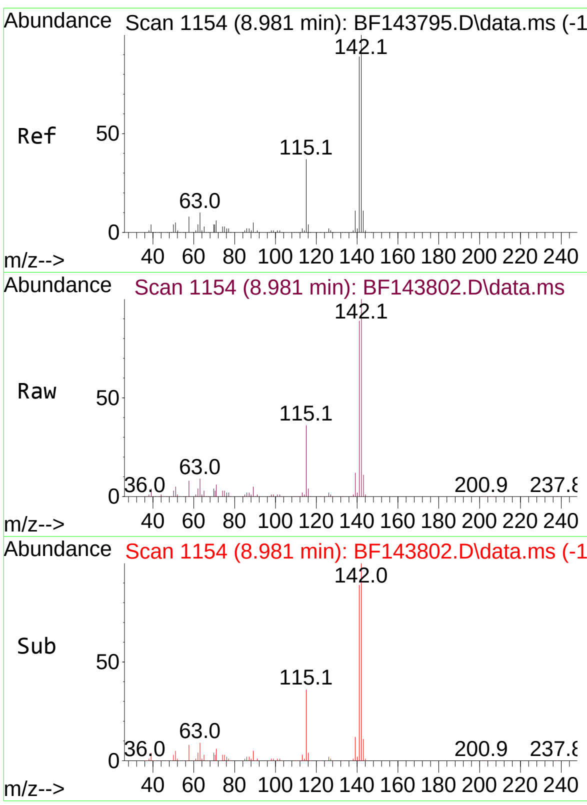


#37
2-Methylnaphthalene
Concen: 38.990 ng
RT: 8.881 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143802.D
Acq: 25 Sep 2025 13:06

Tgt Ion:142 Resp: 41401

Ion	Ratio	Lower	Upper
142	100		
141	86.2	69.4	104.0

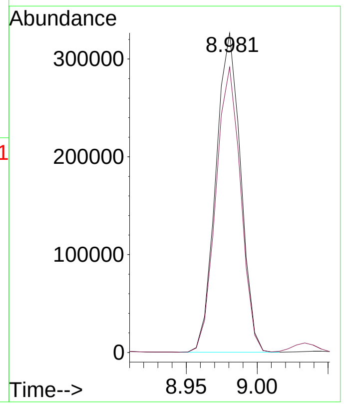




#38
1-Methylnaphthalene
Concen: 39.098 ng
RT: 8.981 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BF143802.D
Acq: 25 Sep 2025 13:06

Tgt Ion:142 Resp: 397377

Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.1	106.7



Instrument :
BNA_F
ClientSampleId :
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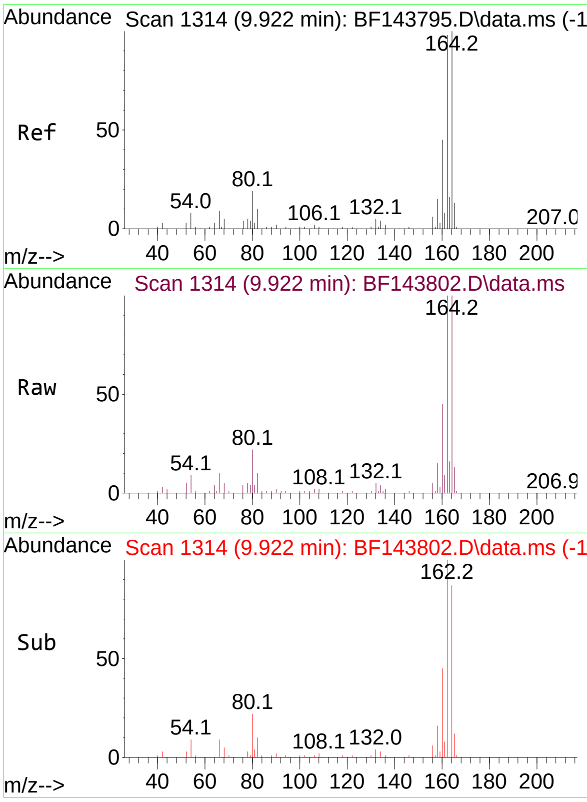
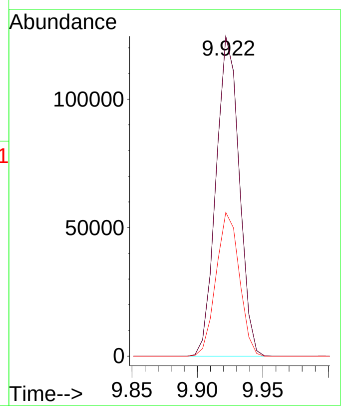
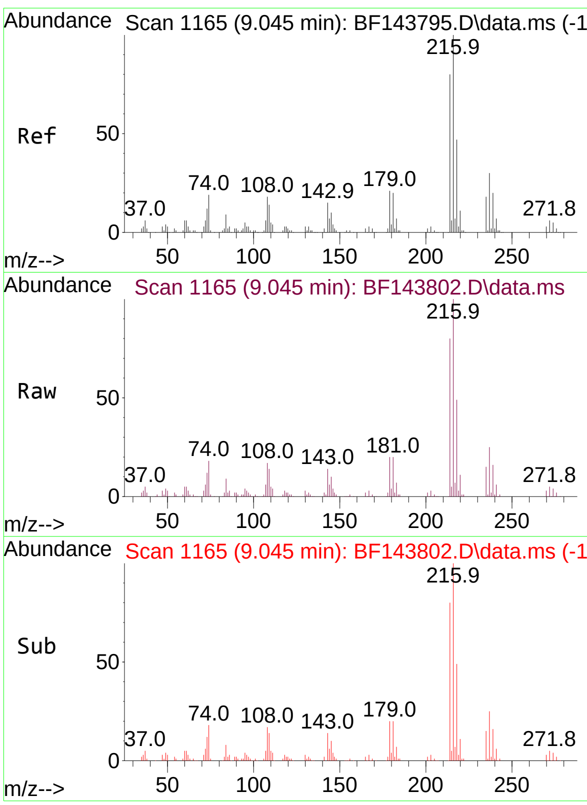


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 13
Delta R.T. -0.006 min
Lab File: BF143802.D
Acq: 25 Sep 2025 13:06

Tgt Ion:164 Resp: 15371

Ion	Ratio	Lower	Upper
164	100		
162	100.0	78.8	118.2
160	44.9	35.8	53.6

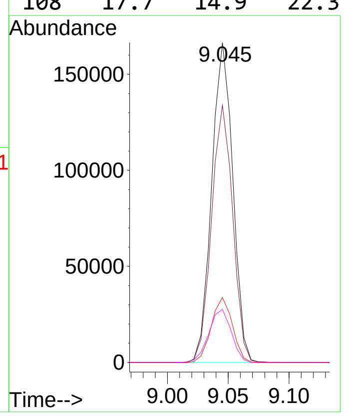




#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.382 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF143802.D
Acq: 25 Sep 2025 13:06

Tgt Ion:216 Resp: 201243

Ion	Ratio	Lower	Upper
216	100		
214	80.6	63.7	95.5
179	20.3	16.5	24.7
108	17.7	14.9	22.3



Instrument :
BNA_F
ClientSampleId :
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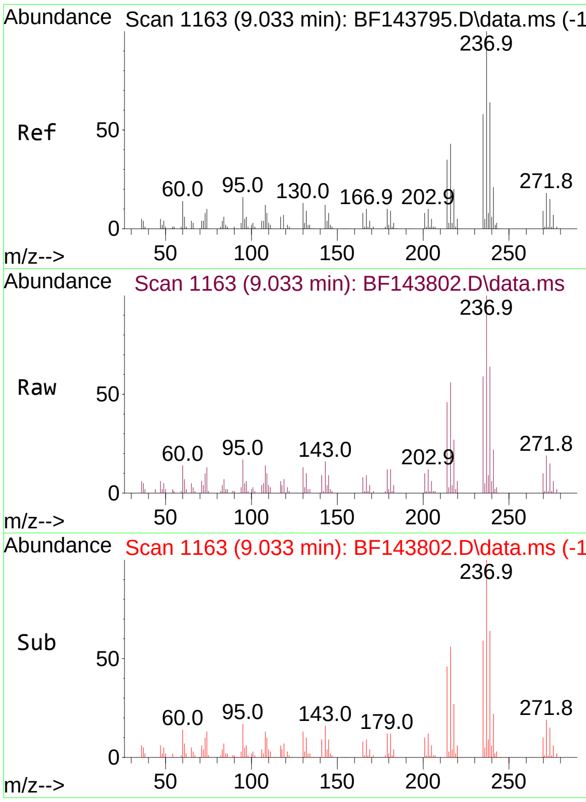
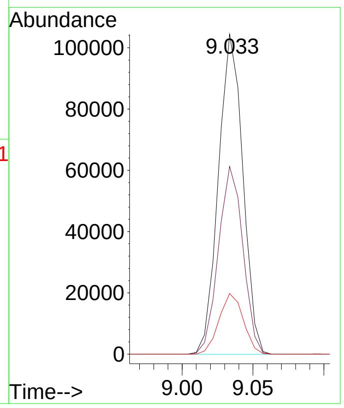
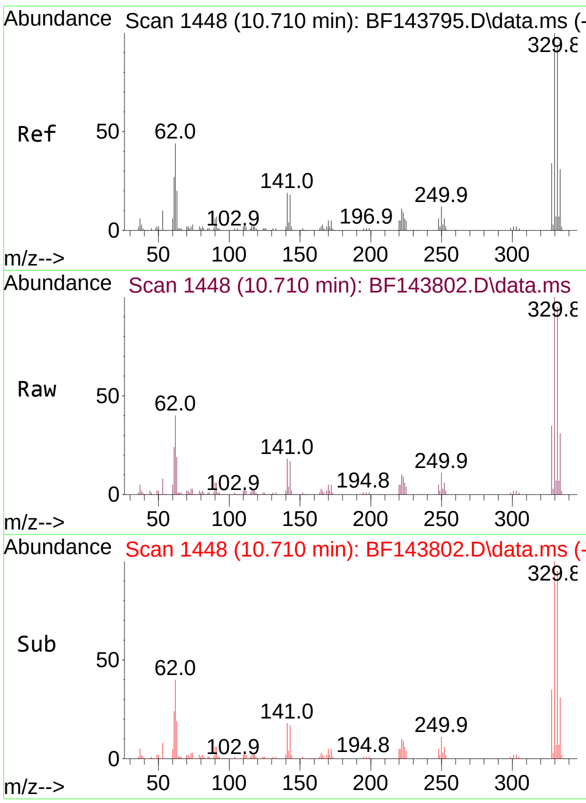


#41
Hexachlorocyclopentadiene
Concen: 42.650 ng
RT: 9.033 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143802.D
Acq: 25 Sep 2025 13:06

Tgt Ion:237 Resp: 12539

Ion	Ratio	Lower	Upper
237	100		
235	58.6	38.1	78.1
272	18.9	0.0	37.9

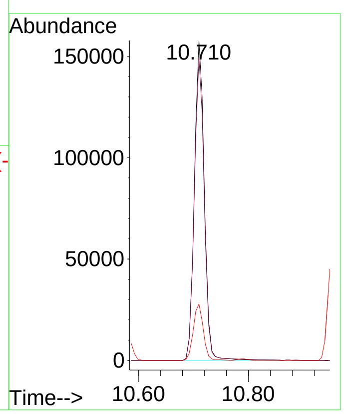




#42
2,4,6-Tribromophenol
Concen: 87.487 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF143802.D
Acq: 25 Sep 2025 13:06

Tgt Ion:330 Resp: 199120

Ion	Ratio	Lower	Upper
330	100		
332	94.9	74.7	112.1
141	17.7	14.3	21.5



Instrument :
BNA_F
ClientSampleId :
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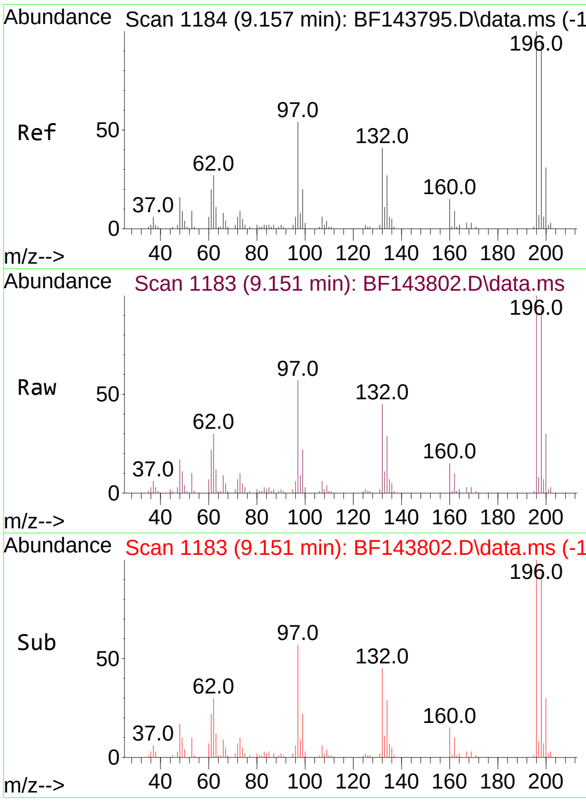
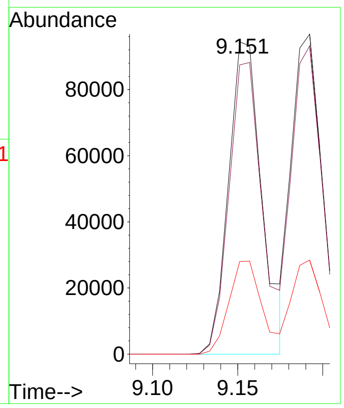
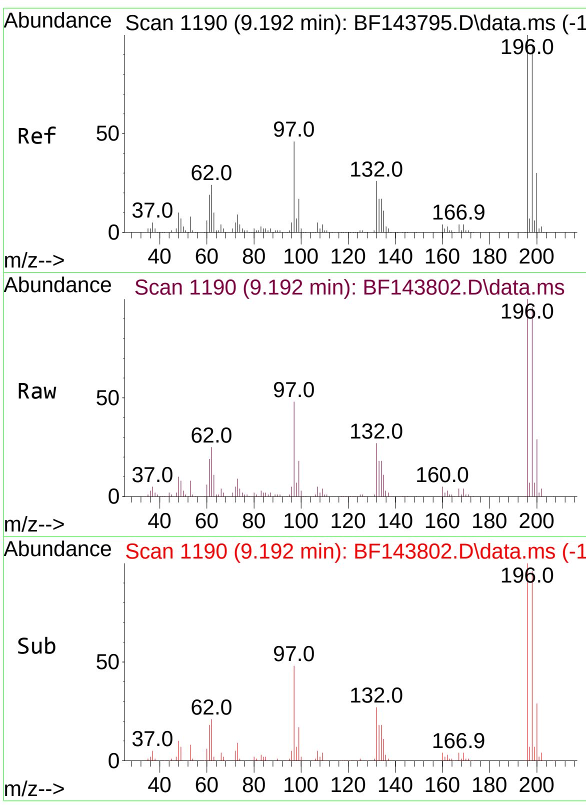


#43
2,4,6-Trichlorophenol
Concen: 44.230 ng
RT: 9.151 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143802.D
Acq: 25 Sep 2025 13:06

Tgt Ion:196 Resp: 12847

Ion	Ratio	Lower	Upper
196	100		
198	92.6	76.2	114.2
200	29.6	24.7	37.1

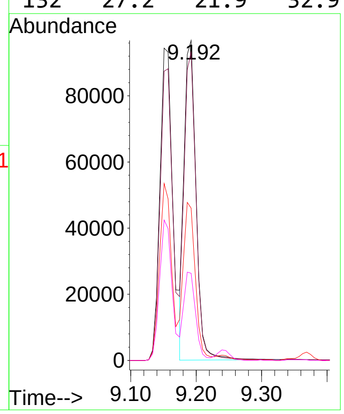




#44
2,4,5-Trichlorophenol
Concen: 40.809 ng
RT: 9.192 min Scan# 1190
Delta R.T. 0.000 min
Lab File: BF143802.D
Acq: 25 Sep 2025 13:06

Tgt Ion:196 Resp: 123986

Ion	Ratio	Lower	Upper
196	100		
198	96.3	75.9	113.9
97	47.6	38.3	57.5
132	27.2	21.9	32.9



Instrument :
BNA_F
ClientSampleId :
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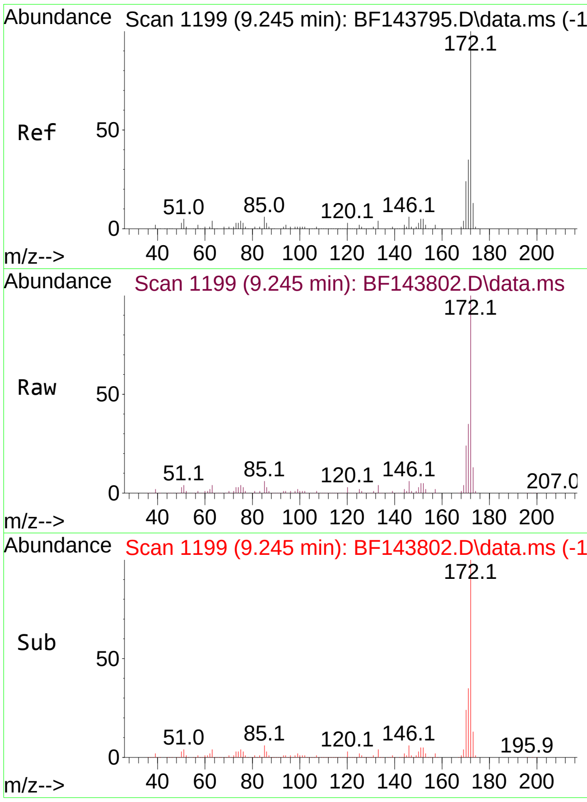
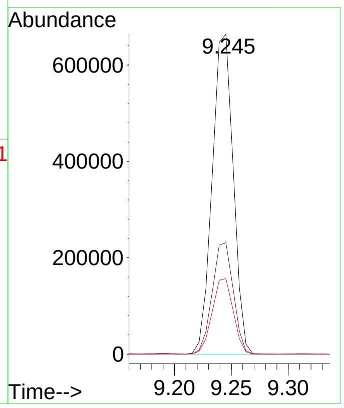
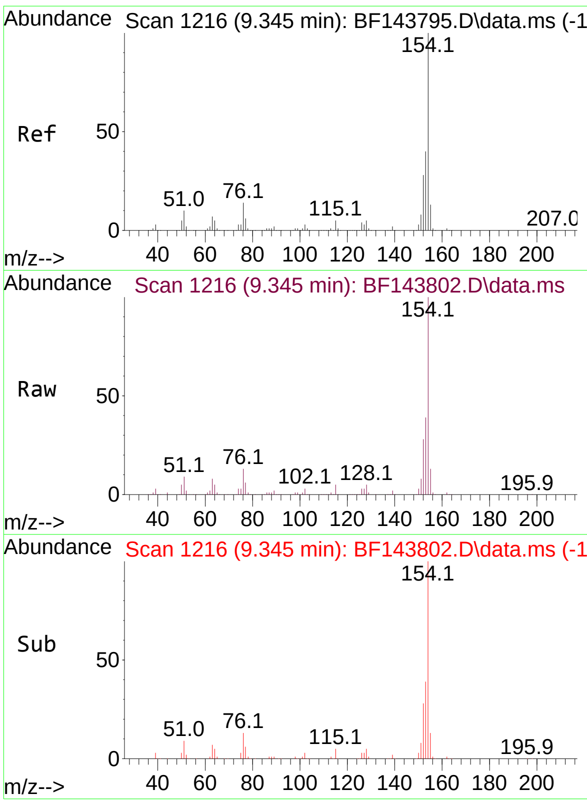
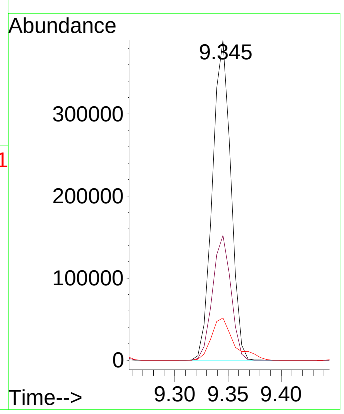



```
#45
2-Fluorobiphenyl
Concen:   86.957 ng
RT:   9.245 min  Scan# 11
Delta R.T.  0.000 min
Lab File:   BF143802.D
Acq: 25 Sep 2025  13:06

Tgt Ion:172 Resp:  85655
Ion  Ratio  Lower  Upper
172  100
171   34.8   27.9   41.9
170   23.6   19.1   28.7
```






```
#46
1,1'-Biphenyl
Concen:   42.097 ng
RT:   9.345 min  Scan# 1216
Delta R.T.  0.000 min
Lab File:   BF143802.D
Acq: 25 Sep 2025  13:06

Tgt Ion:154 Resp:  468412
Ion  Ratio  Lower  Upper
154  100
153   39.0   19.7   59.7
 76   13.2    0.0   33.8
```



Instrument :
BNA_F
ClientSampleId :
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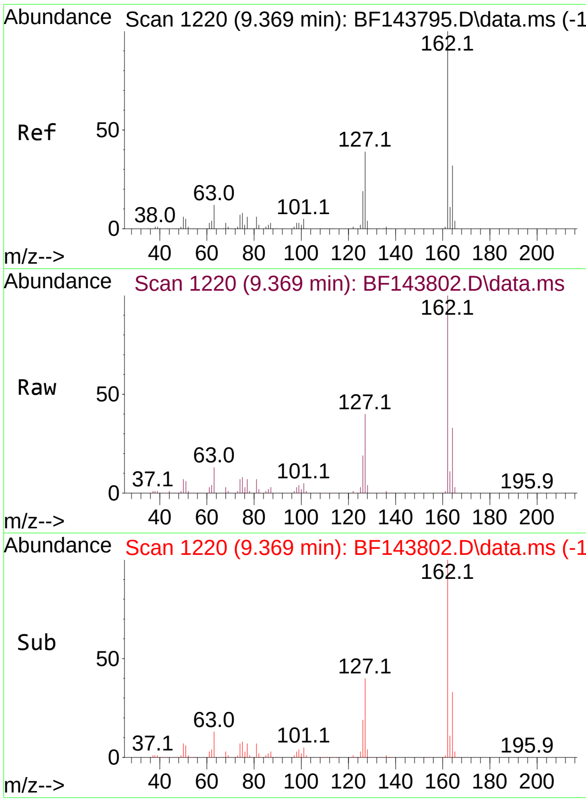
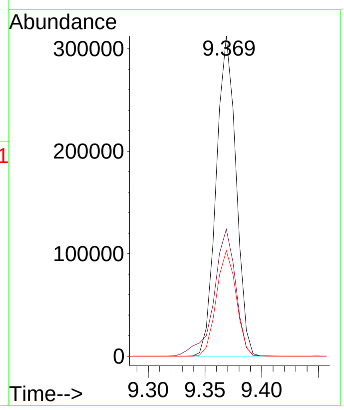
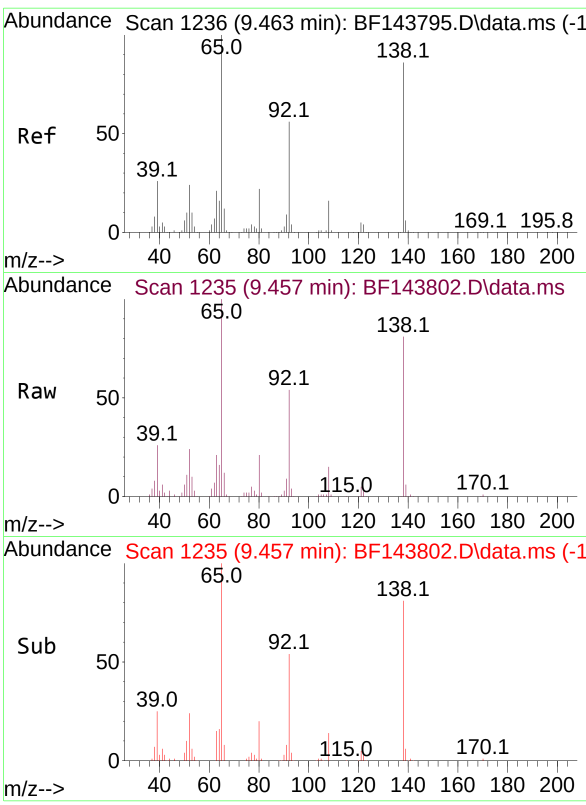


#47
2-Chloronaphthalene
Concen: 42.329 ng
RT: 9.369 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143802.D
Acq: 25 Sep 2025 13:06

Tgt Ion:162 Resp: 37912

Ion	Ratio	Lower	Upper
162	100		
127	39.7	31.5	47.3
164	32.9	25.9	38.9

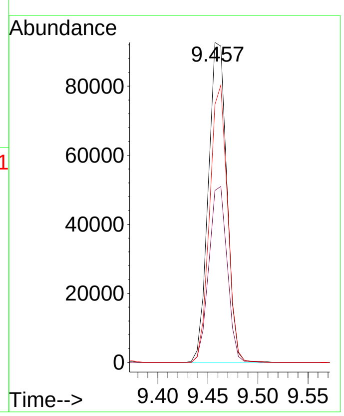




#48
2-Nitroaniline
Concen: 43.977 ng
RT: 9.457 min Scan# 1235
Delta R.T. -0.006 min
Lab File: BF143802.D
Acq: 25 Sep 2025 13:06

Tgt Ion: 65 Resp: 119048

Ion	Ratio	Lower	Upper
65	100		
92	53.7	44.9	67.3
138	80.6	69.0	103.4



Instrument : BNA_F
ClientSampleId : SSTDCCC040

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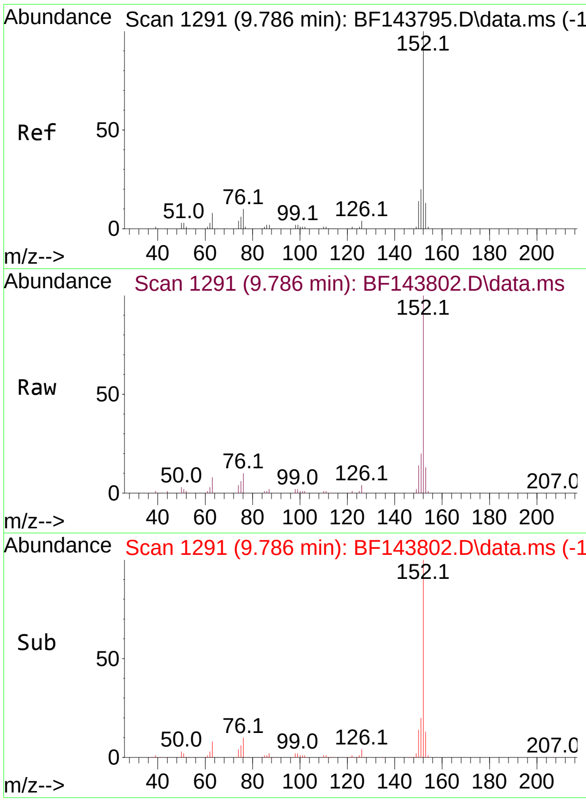
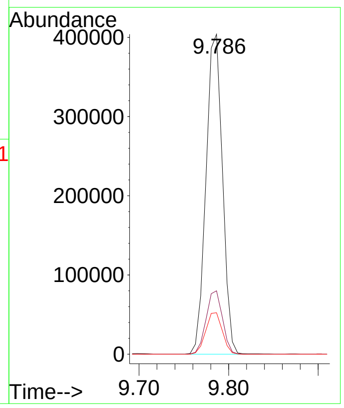
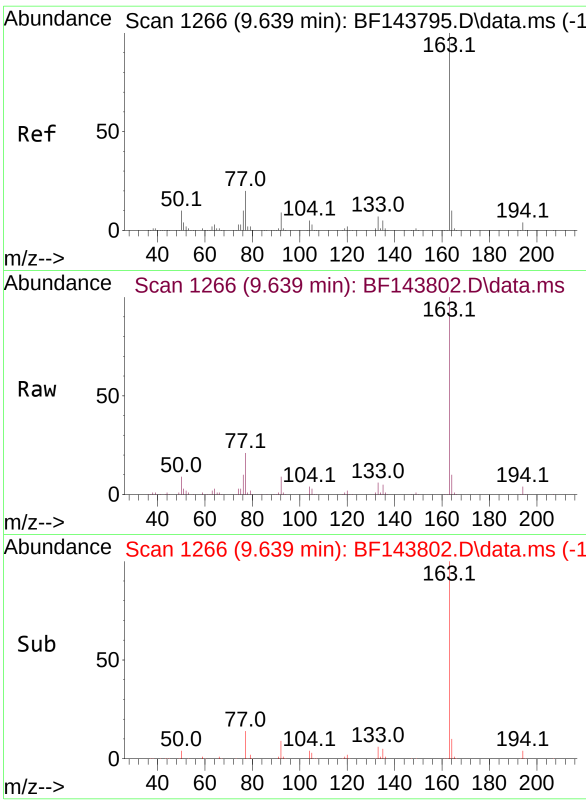


#49
Acenaphthylene
Concen: 41.866 ng
RT: 9.786 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143802.D
Acq: 25 Sep 2025 13:06

Tgt Ion:152 Resp: 51621

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.7	23.5
153	12.9	10.6	15.8

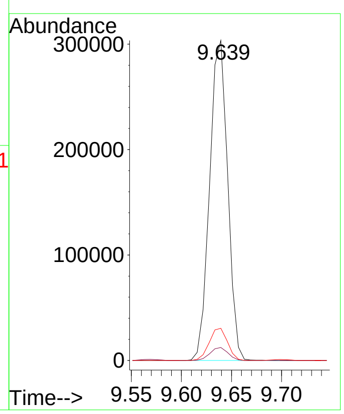


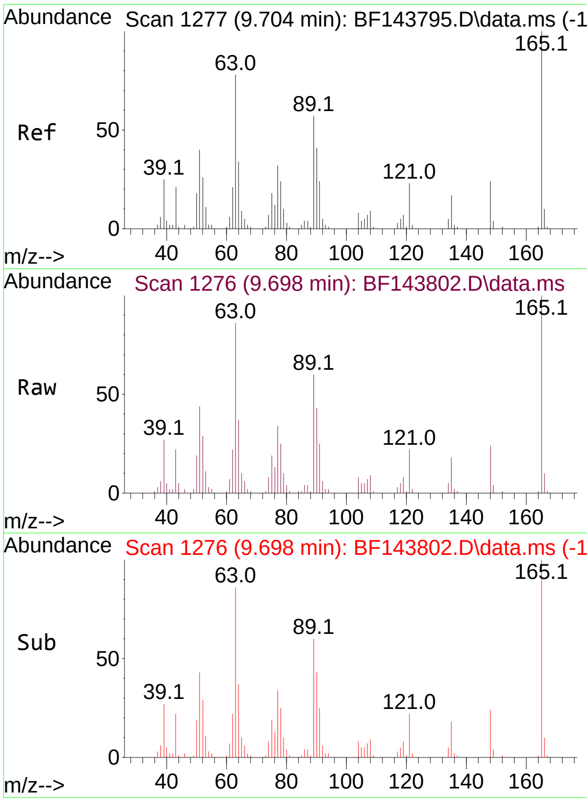


#50
Dimethylphthalate
Concen: 40.564 ng
RT: 9.639 min Scan# 1266
Delta R.T. 0.000 min
Lab File: BF143802.D
Acq: 25 Sep 2025 13:06

Tgt Ion:163 Resp: 380041

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.6
164	10.1	8.2	12.2






```
#51
2,6-Dinitrotoluene
Concen:   43.168 ng
RT:    9.698 min   Scan# 1
Delta R.T.   -0.006 min
Lab File:    BF143802.D
Acq: 25 Sep 2025   13:06

Tgt Ion:165 Resp:   66448
Ion   Ratio   Lower   Upper
165   100
 63    85.8    62.6    94.0
 89    59.7    45.2    67.8
```

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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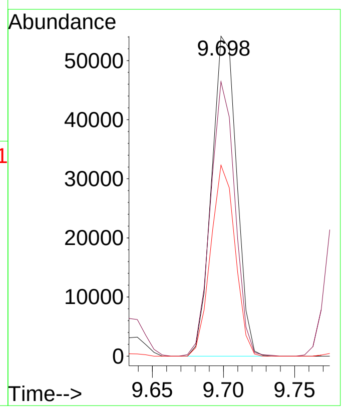

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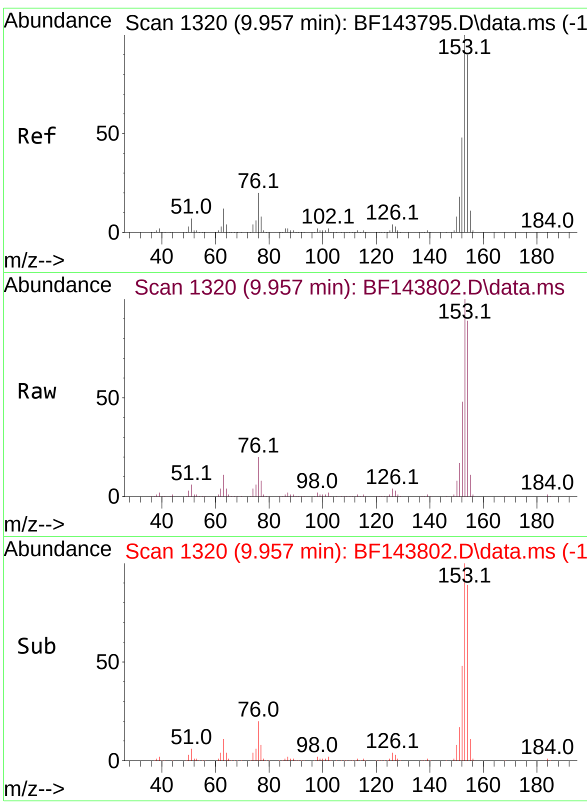
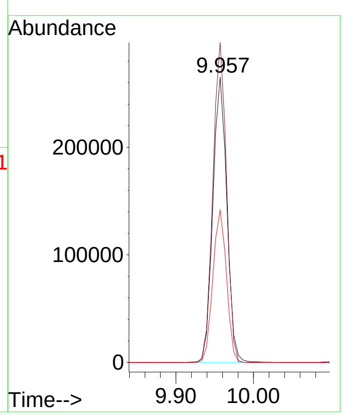



```
#52
Acenaphthene
Concen:   40.912 ng
RT:    9.957 min   Scan# 1320
Delta R.T.   -0.006 min
Lab File:    BF143802.D
Acq: 25 Sep 2025   13:06

Tgt Ion:154 Resp:   331958
Ion   Ratio   Lower   Upper
154   100
153   112.2    88.7   133.1
152    53.3    42.7    64.1
```



Instrument :
BNA_F
ClientSampleId :
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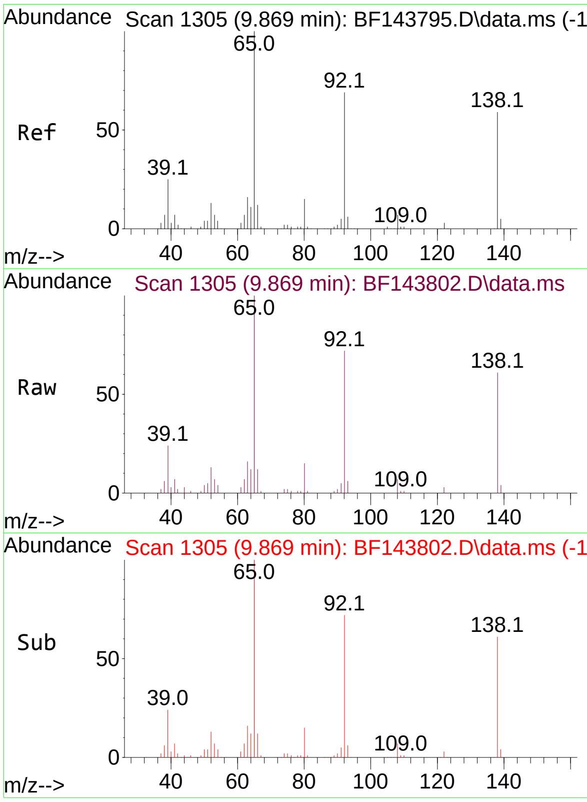
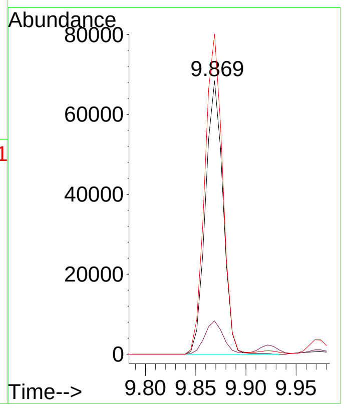
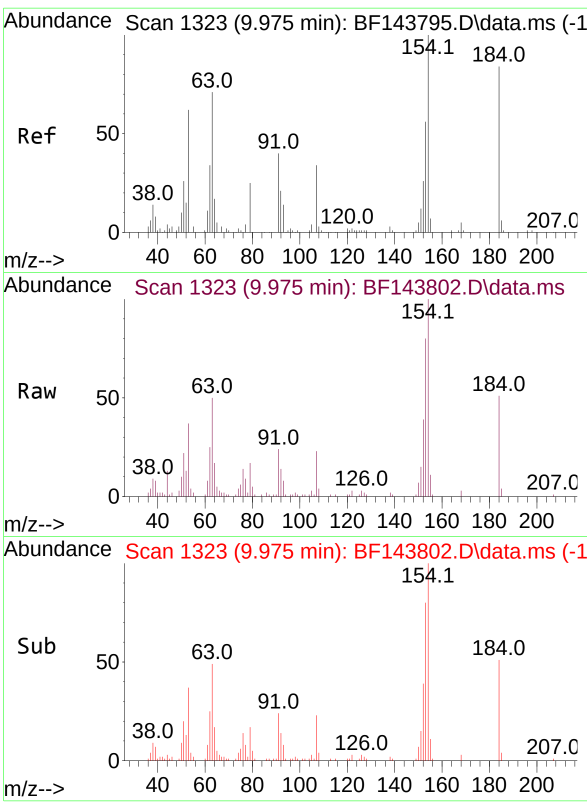


#53
3-Nitroaniline
Concen: 44.387 ng
RT: 9.869 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143802.D
Acq: 25 Sep 2025 13:06

Tgt Ion:138 Resp: 8281

Ion	Ratio	Lower	Upper
138	100		
108	12.1	9.9	14.9
92	117.1	93.5	140.3

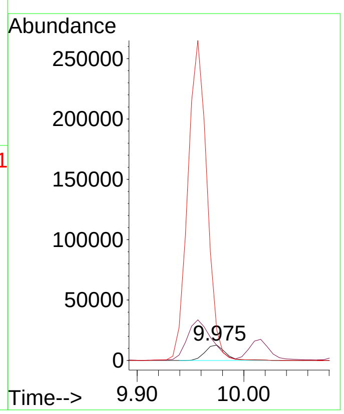




#54
2,4-Dinitrophenol
Concen: 37.264 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BF143802.D
Acq: 25 Sep 2025 13:06

Tgt Ion:184 Resp: 16803

Ion	Ratio	Lower	Upper
184	100		
63	97.7	84.6	127.0
154	197.4	199.3	298.9#



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

Instrument : BNA_F
ClientSampleId : SSTDCCC040

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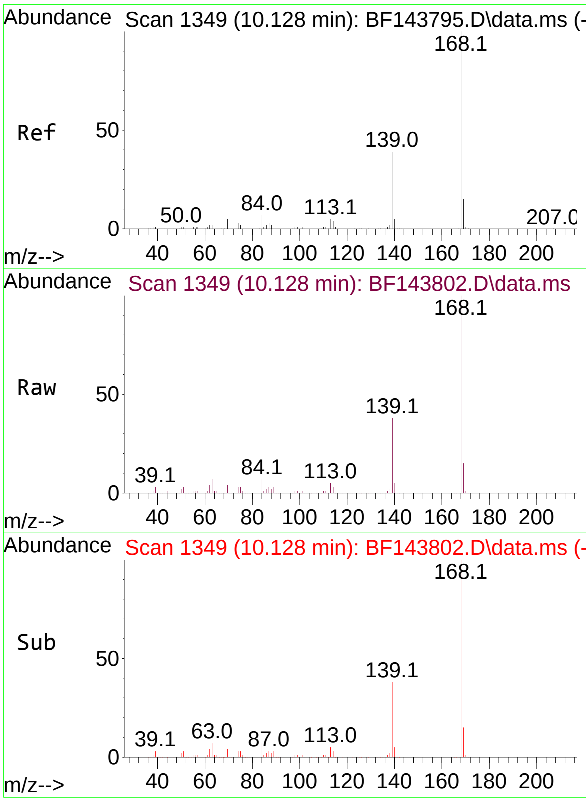
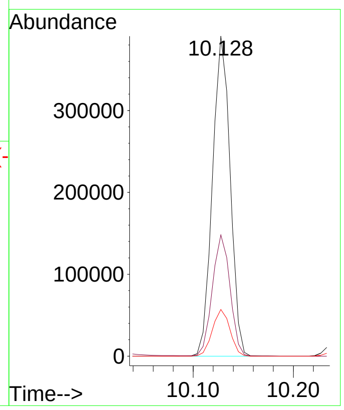
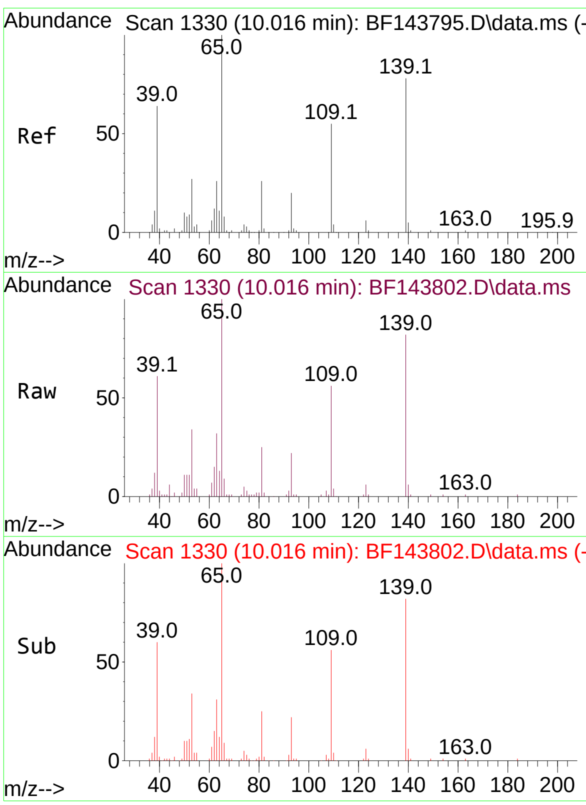


#55
Dibenzofuran
Concen: 41.881 ng
RT: 10.128 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143802.D
Acq: 25 Sep 2025 13:06

Tgt Ion:168 Resp: 48054

Ion	Ratio	Lower	Upper
168	100		
139	37.9	31.0	46.6
169	14.6	11.9	17.9

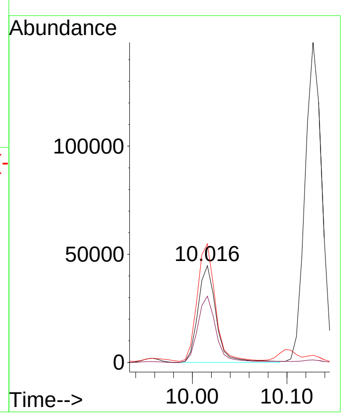




#56
4-Nitrophenol
Concen: 39.668 ng
RT: 10.016 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF143802.D
Acq: 25 Sep 2025 13:06

Tgt Ion:139 Resp: 59642

Ion	Ratio	Lower	Upper
139	100		
109	68.5	50.2	90.2
65	122.6	109.2	149.2



Instrument : BNA_F
ClientSampleId : SSTDCCC040

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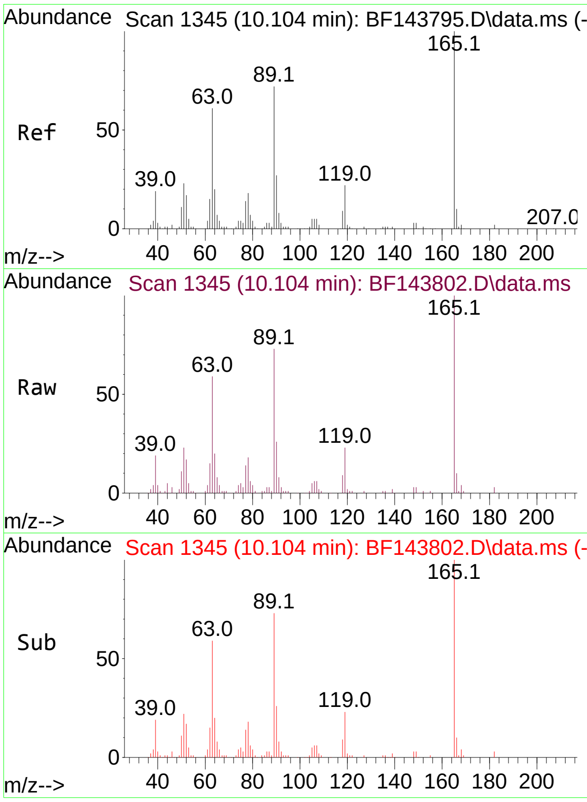
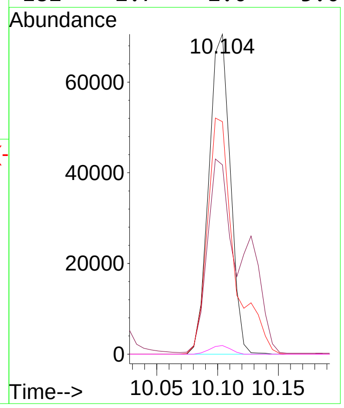
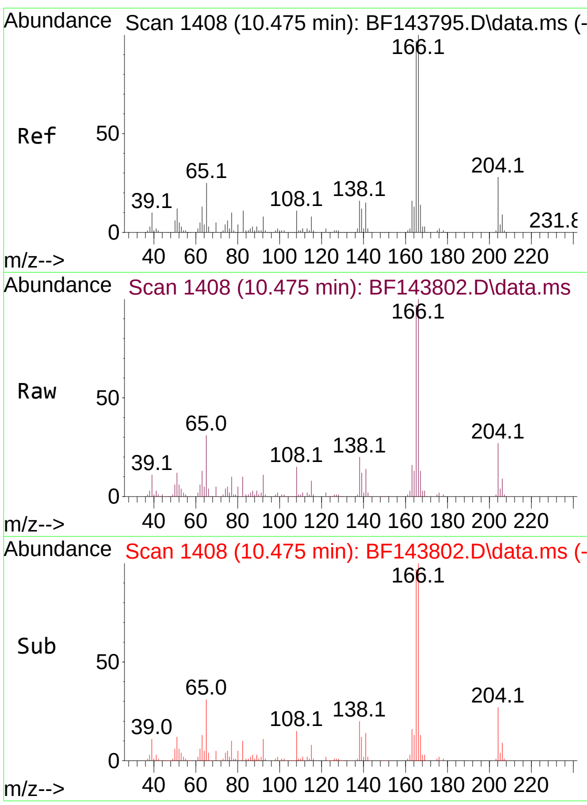


#57
2,4-Dinitrotoluene
Concen: 38.763 ng
RT: 10.104 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143802.D
Acq: 25 Sep 2025 13:06

Tgt Ion:165 Resp: 8719

Ion	Ratio	Lower	Upper
165	100		
63	59.1	48.9	73.3
89	72.6	57.5	86.3
182	2.7	2.0	3.0

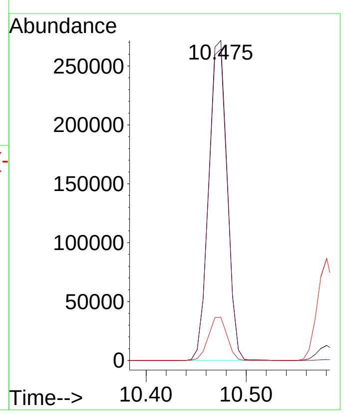




#58
Fluorene
Concen: 40.828 ng
RT: 10.475 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF143802.D
Acq: 25 Sep 2025 13:06

Tgt Ion:166 Resp: 348262

Ion	Ratio	Lower	Upper
166	100		
165	97.3	78.0	117.0
167	13.5	10.9	16.3



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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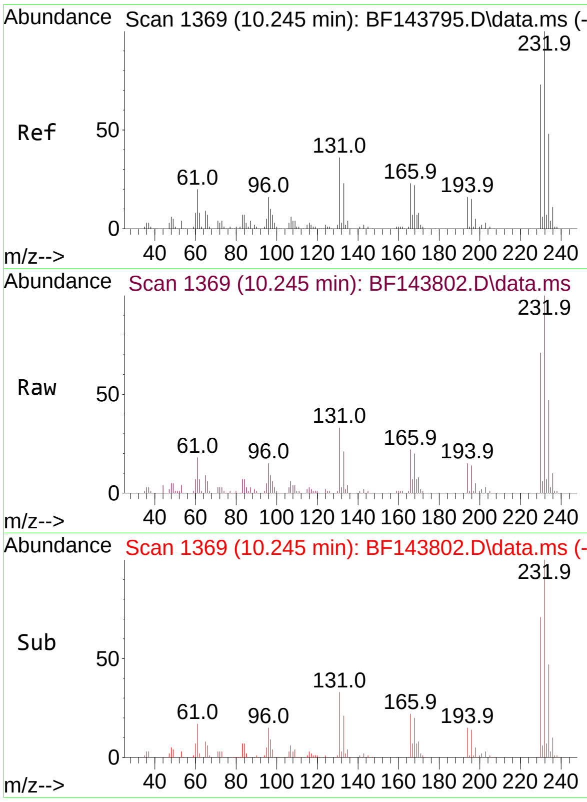
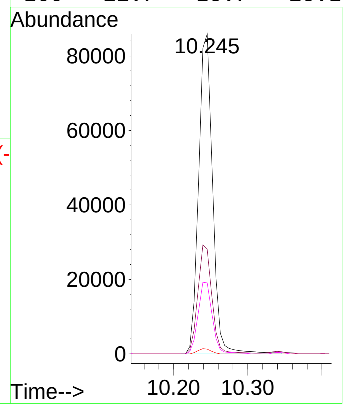
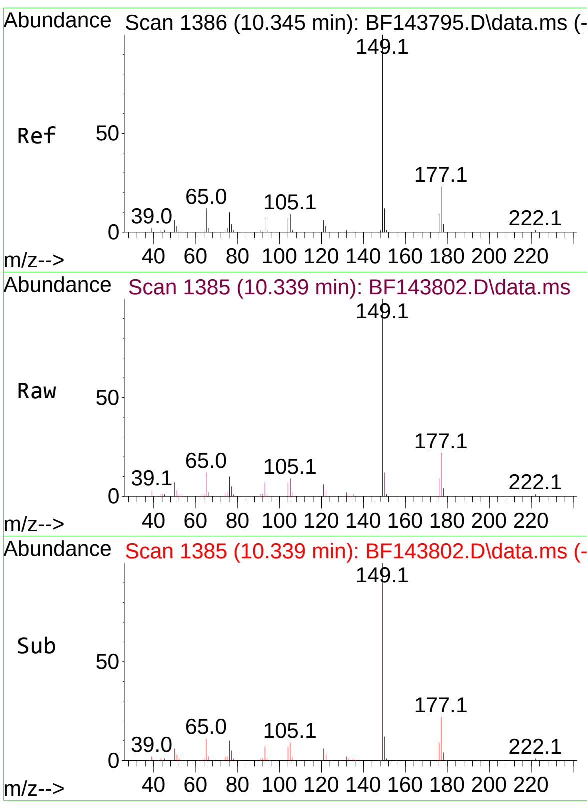
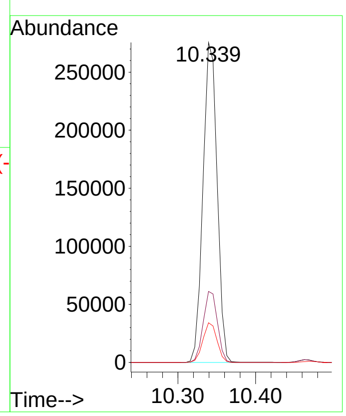



```
#59
2,3,4,6-Tetrachlorophenol
Concen:   43.386 ng
RT:  10.245 min   Scan# 1
Delta R.T.  0.000 min
Lab File:   BF143802.D
Acq: 25 Sep 2025  13:06

Tgt Ion:232 Resp:  112924
Ion  Ratio  Lower  Upper
232  100
131   34.4   29.4   44.2
130    1.5    1.3    1.9
166   22.7   18.7   28.1
```






```
#60
Diethylphthalate
Concen:   39.778 ng
RT:  10.339 min   Scan# 1385
Delta R.T.  -0.006 min
Lab File:   BF143802.D
Acq: 25 Sep 2025  13:06

Tgt Ion:149 Resp:  348861
Ion  Ratio  Lower  Upper
149  100
177   22.2   18.1   27.1
150   12.4    9.7   14.5
```



Instrument :
BNA_F
ClientSampleId :
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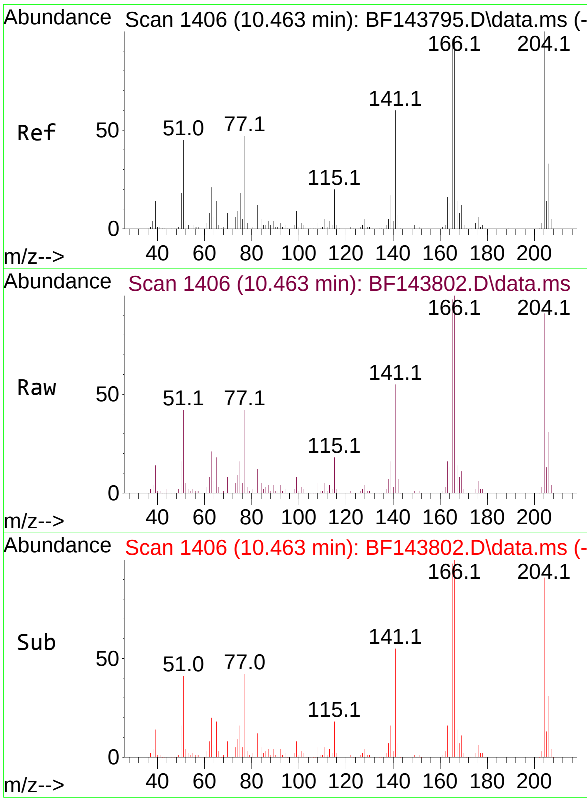
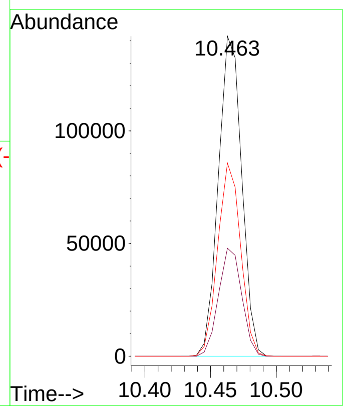
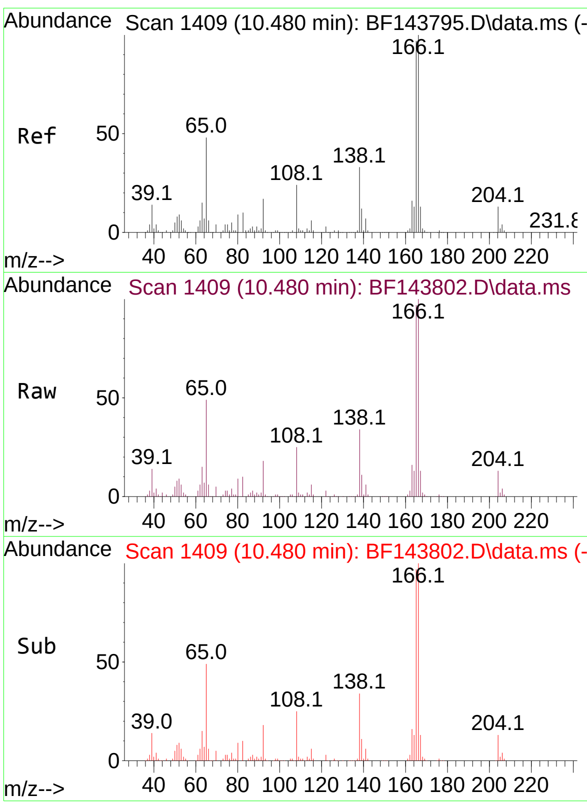


#61
4-Chlorophenyl-phenylether
Concen: 40.580 ng
RT: 10.463 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143802.D
Acq: 25 Sep 2025 13:06

Tgt Ion:204 Resp: 17637

Ion	Ratio	Lower	Upper
204	100		
206	33.7	26.7	40.1
141	60.3	48.2	72.2

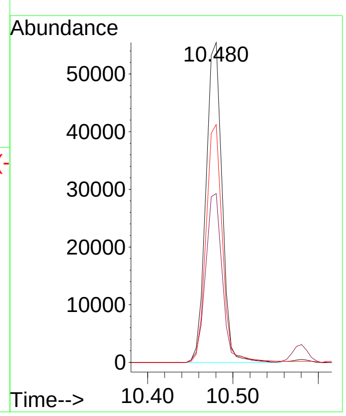




#62
4-Nitroaniline
Concen: 41.725 ng
RT: 10.480 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF143802.D
Acq: 25 Sep 2025 13:06

Tgt Ion:138 Resp: 73202

Ion	Ratio	Lower	Upper
138	100		
92	52.8	31.5	71.5
108	74.3	51.9	91.9



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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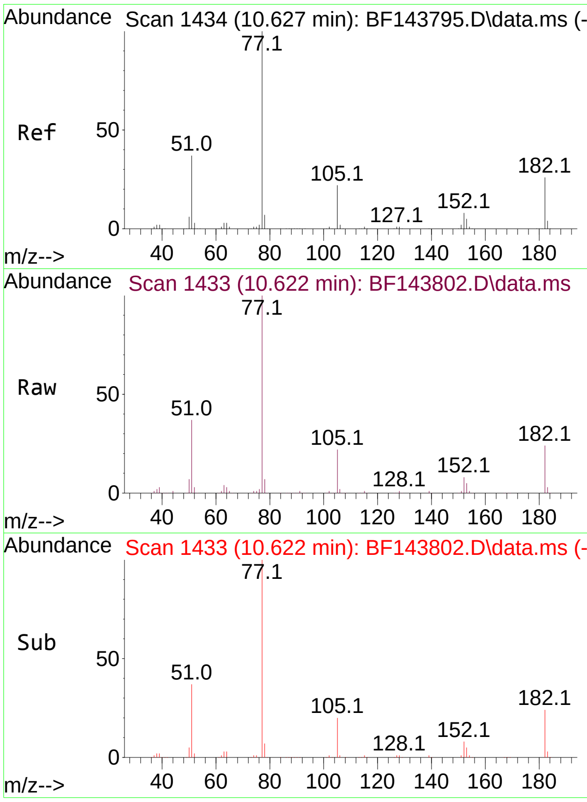
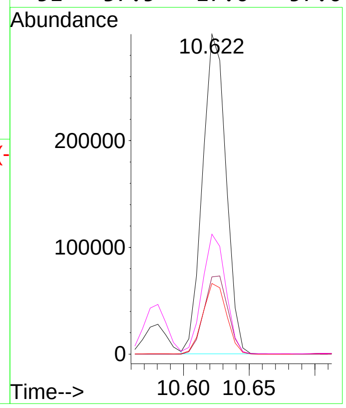
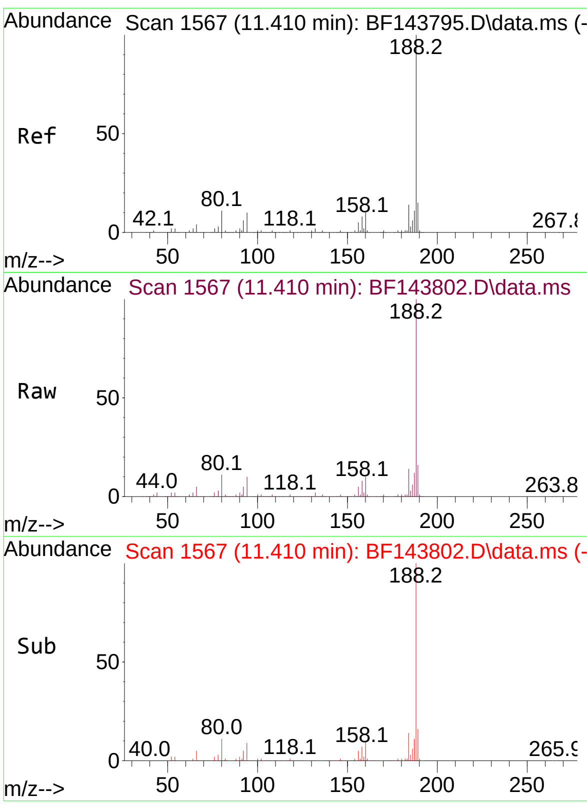


#63
Azobenzene
Concen: 40.321 ng
RT: 10.622 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143802.D
Acq: 25 Sep 2025 13:06

Tgt Ion: 77 Resp: 37268

Ion	Ratio	Lower	Upper
77	100		
182	24.1	5.9	45.9
105	22.1	2.3	42.3
51	37.5	17.6	57.6

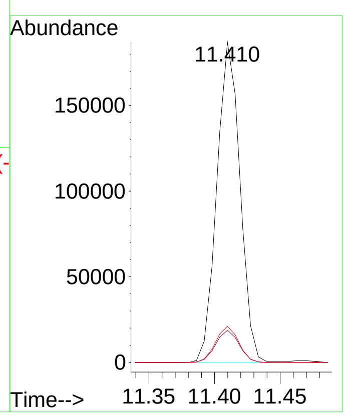




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF143802.D
Acq: 25 Sep 2025 13:06

Tgt Ion:188 Resp: 230130

Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.2	12.2
80	11.3	8.6	12.8



Instrument : BNA_F
ClientSampleId : SSTDCCC040

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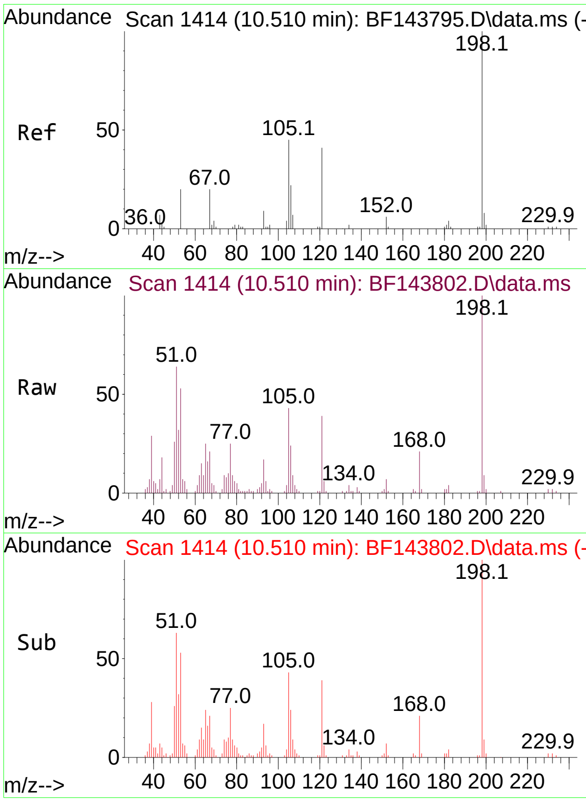
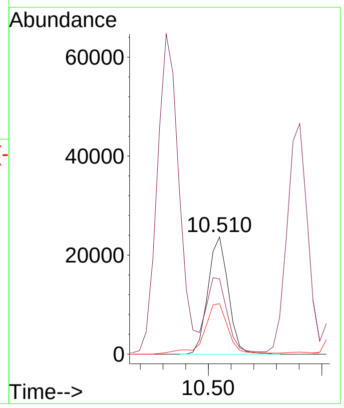
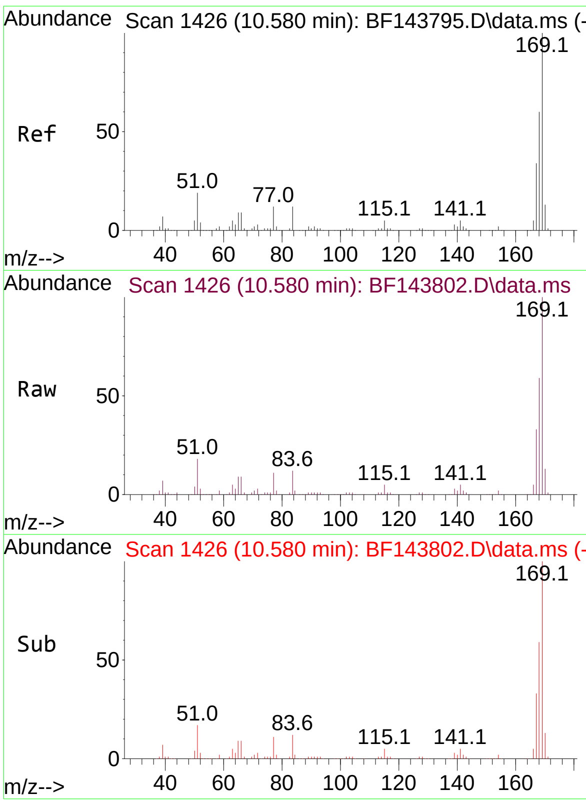


#65
4,6-Dinitro-2-methylphenol
Concen: 37.701 ng
RT: 10.510 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143802.D
Acq: 25 Sep 2025 13:06

Tgt Ion:198 Resp: 29506

Ion	Ratio	Lower	Upper
198	100		
51	64.1	52.0	92.0
105	43.1	27.5	67.5

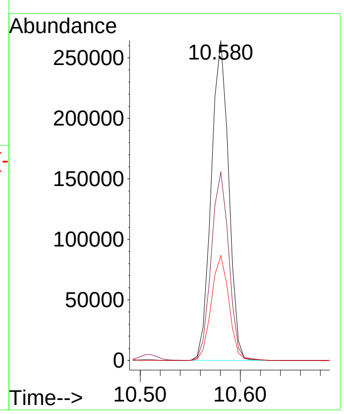


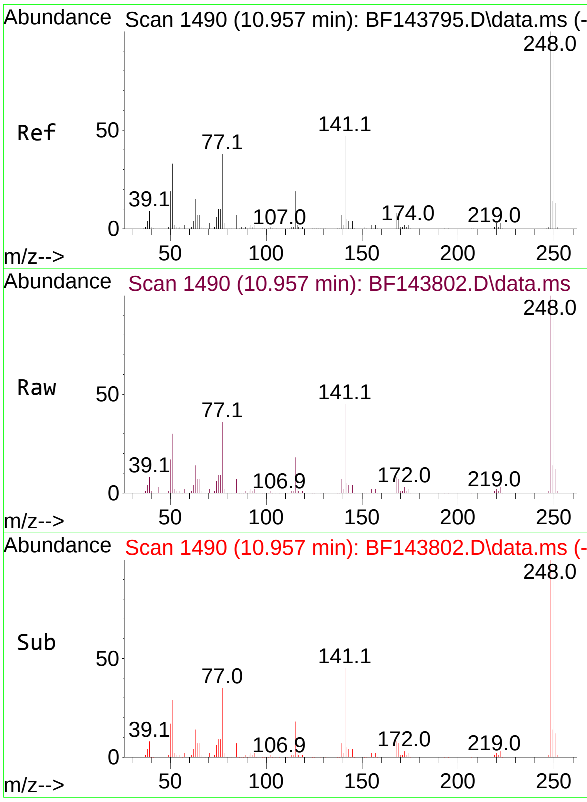


#66
n-Nitrosodiphenylamine
Concen: 42.280 ng
RT: 10.580 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF143802.D
Acq: 25 Sep 2025 13:06

Tgt Ion:169 Resp: 319987

Ion	Ratio	Lower	Upper
169	100		
168	58.8	47.9	71.9
167	32.8	27.0	40.6

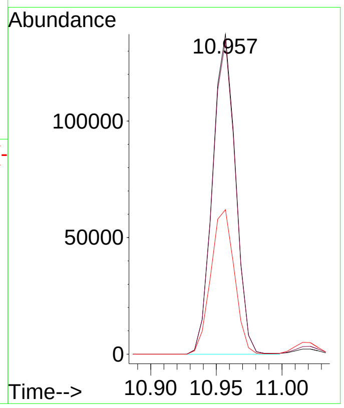




#67
4-Bromophenyl-phenylether
Concen: 42.519 ng
RT: 10.957 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143802.D
Acq: 25 Sep 2025 13:06

Tgt Ion:248 Resp: 16675

Ion	Ratio	Lower	Upper
248	100		
250	97.9	78.7	118.1
141	45.1	37.9	56.9



Instrument :
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ClientSampleId :
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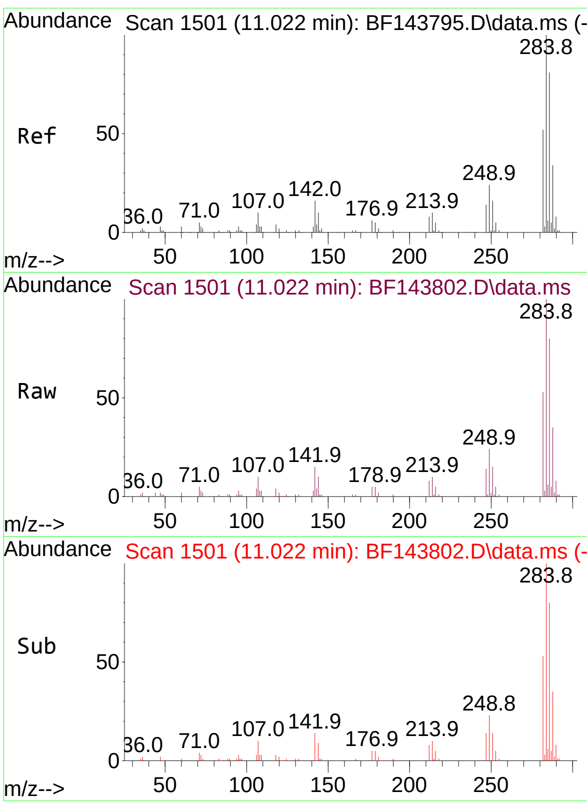
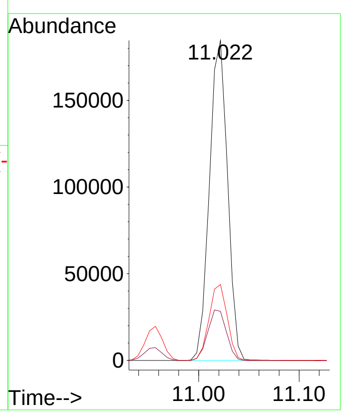


#68
Hexachlorobenzene
Concen: 42.714 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF143802.D
Acq: 25 Sep 2025 13:06

Tgt Ion:284 Resp: 230854

Ion	Ratio	Lower	Upper
284	100		
142	15.3	13.1	19.7
249	23.7	19.5	29.3



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

Instrument :
BNA_F
ClientSampleId :
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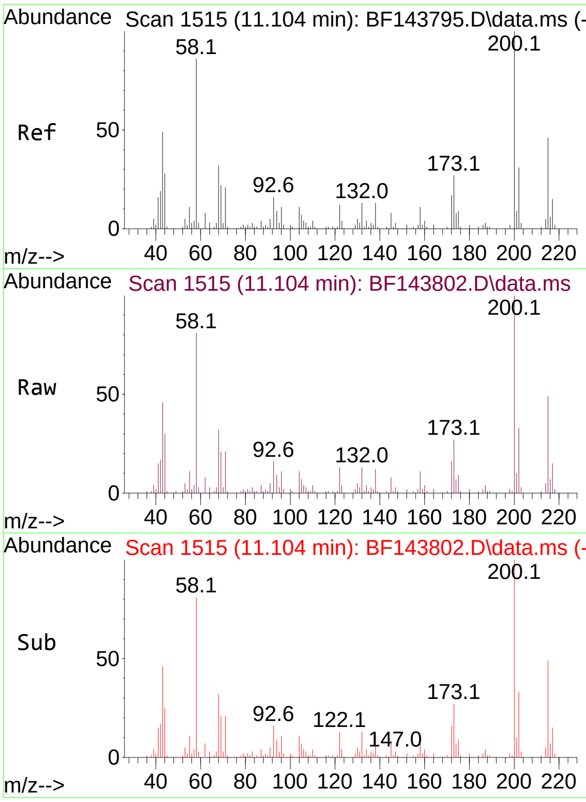
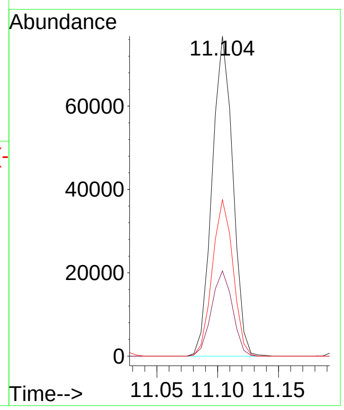
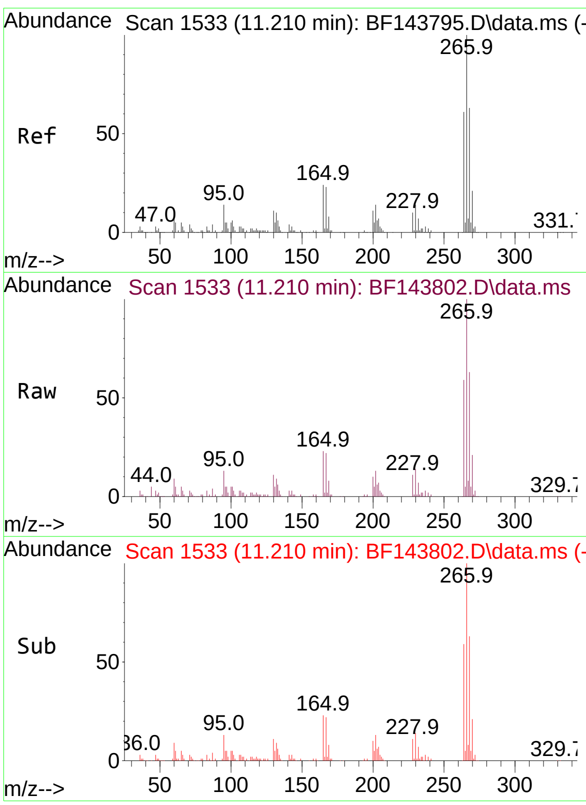


#69
Atrazine
Concen: 41.731 ng
RT: 11.104 min Scan# 15
Delta R.T. -0.006 min
Lab File: BF143802.D
Acq: 25 Sep 2025 13:06

Tgt Ion:200 Resp: 91458

Ion	Ratio	Lower	Upper
200	100		
173	26.7	7.2	47.2
215	48.9	26.0	66.0

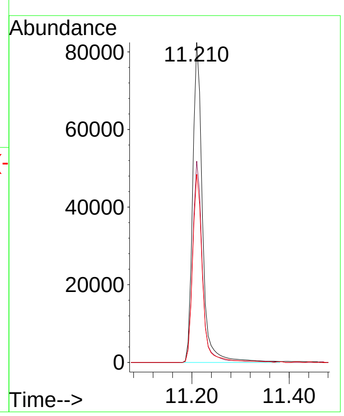


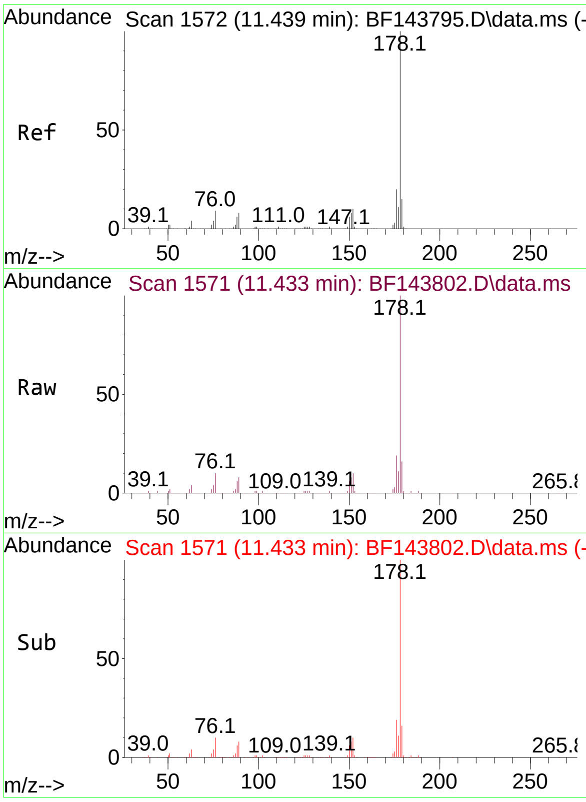


#70
Pentachlorophenol
Concen: 42.781 ng
RT: 11.210 min Scan# 1533
Delta R.T. -0.006 min
Lab File: BF143802.D
Acq: 25 Sep 2025 13:06

Tgt Ion:266 Resp: 115094

Ion	Ratio	Lower	Upper
266	100		
268	62.9	50.5	75.7
264	58.8	48.8	73.2





#71
Phenanthrene
Concen: 42.454 ng
RT: 11.433 min Scan# 15
Delta R.T. -0.006 min
Lab File: BF143802.D
Acq: 25 Sep 2025 13:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 50159

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.6	23.4
179	15.5	12.2	18.4

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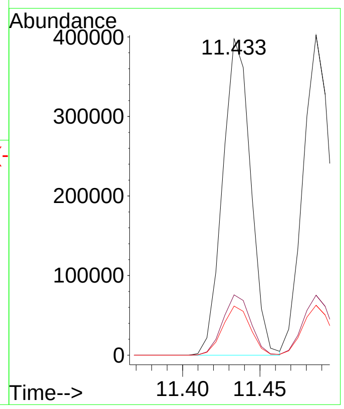
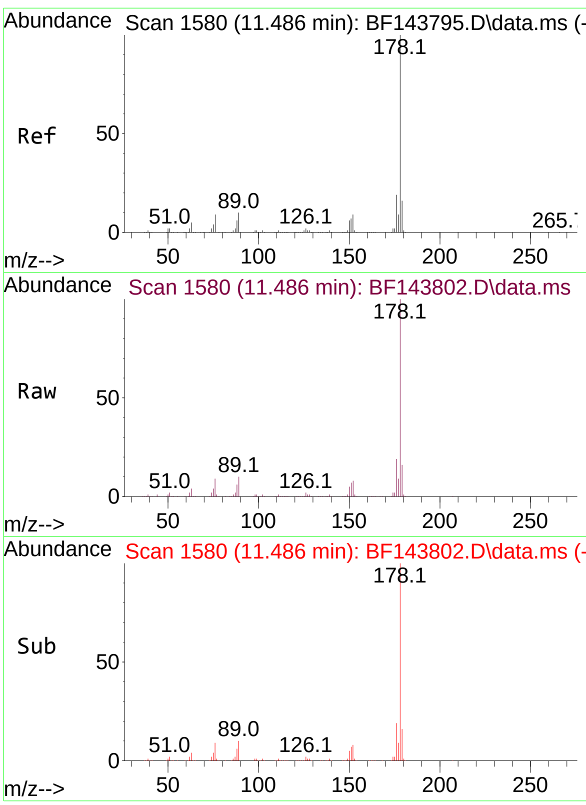
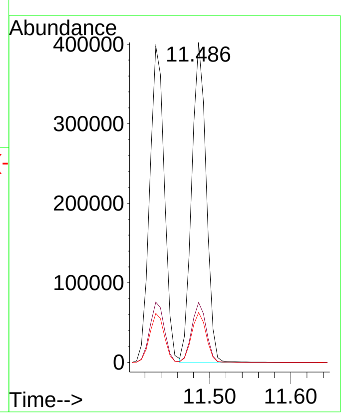




#72
Anthracene
Concen: 41.988 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF143802.D
Acq: 25 Sep 2025 13:06

Tgt Ion:178 Resp: 497611

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.3	22.9
179	15.6	12.8	19.2



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

Instrument : BNA_F
ClientSampleId : SSTDCCC040

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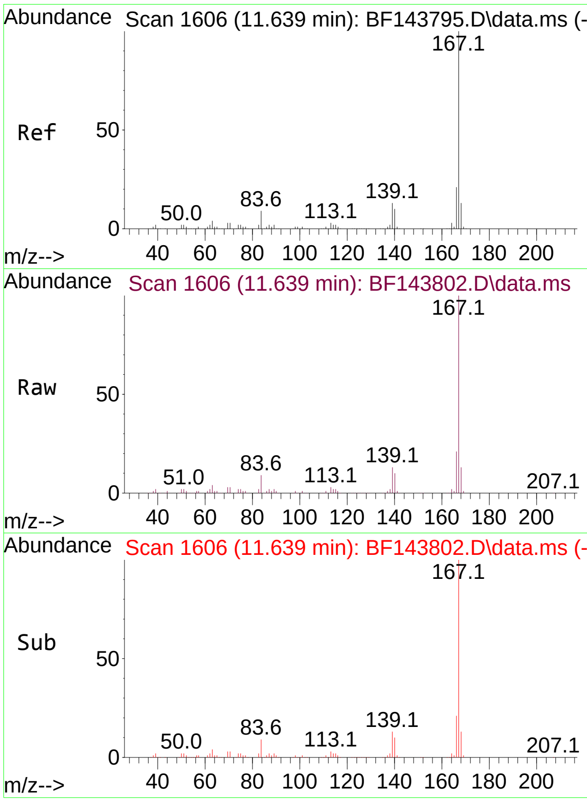
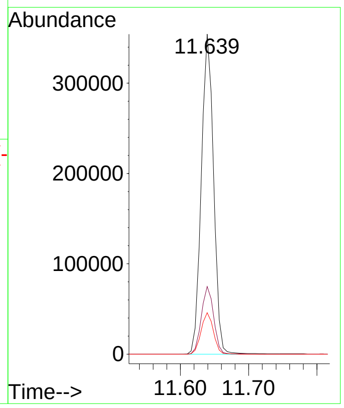
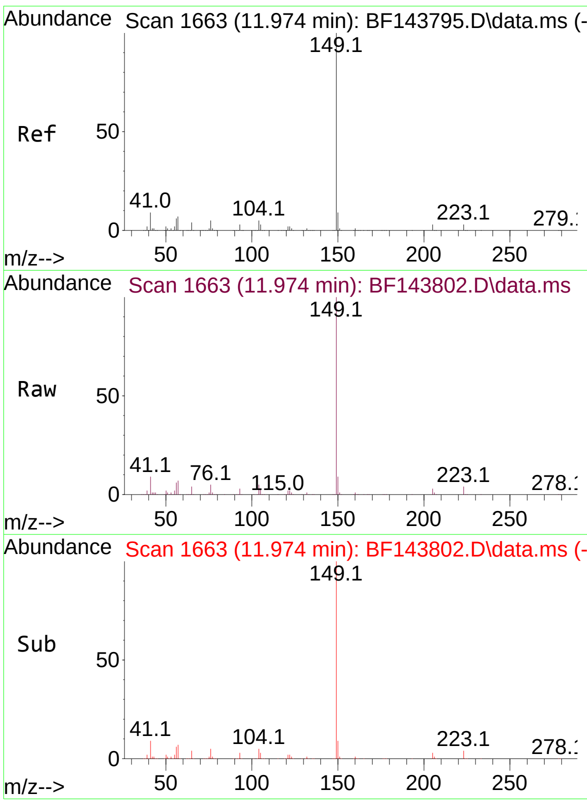


#73
Carbazole
Concen: 42.799 ng
RT: 11.639 min Scan# 16
Delta R.T. -0.006 min
Lab File: BF143802.D
Acq: 25 Sep 2025 13:06

Tgt Ion:167 Resp: 443477

Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.0	25.4
139	12.9	10.6	15.8

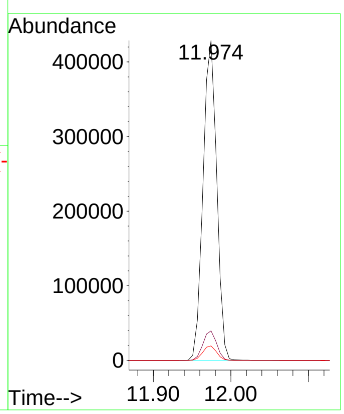


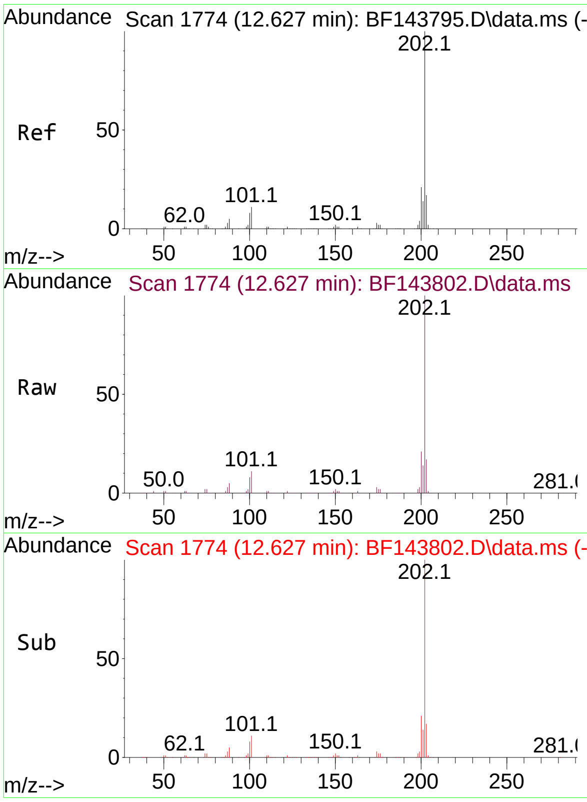


#74
Di-n-butylphthalate
Concen: 44.025 ng
RT: 11.974 min Scan# 1663
Delta R.T. 0.000 min
Lab File: BF143802.D
Acq: 25 Sep 2025 13:06

Tgt Ion:149 Resp: 524645

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.3	10.9
104	4.5	3.6	5.4

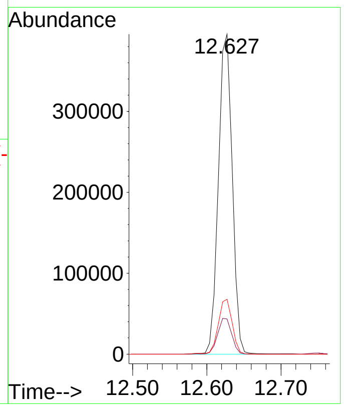




#75
Fluoranthene
Concen: 43.193 ng
RT: 12.627 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143802.D
Acq: 25 Sep 2025 13:06

Tgt Ion:202 Resp: 51326

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	31.1
203	17.1	0.0	37.4



Instrument :
BNA_F
ClientSampleId :
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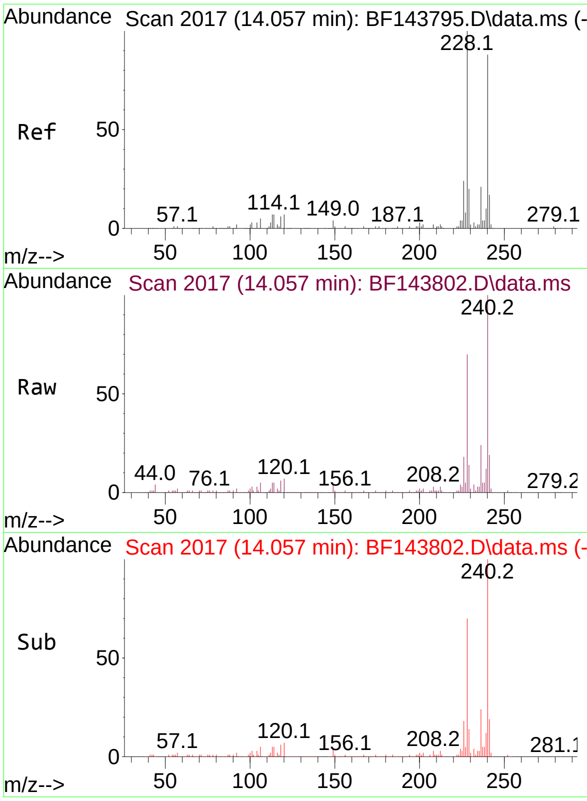
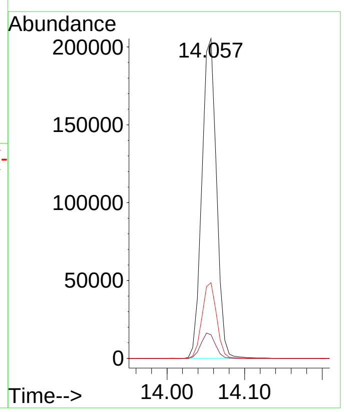
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF143802.D
Acq: 25 Sep 2025 13:06

Tgt Ion:240 Resp: 269656

Ion	Ratio	Lower	Upper
240	100		
120	7.4	6.2	9.4
236	23.7	19.4	29.2



Instrument :
BNA_F
ClientSampleId :
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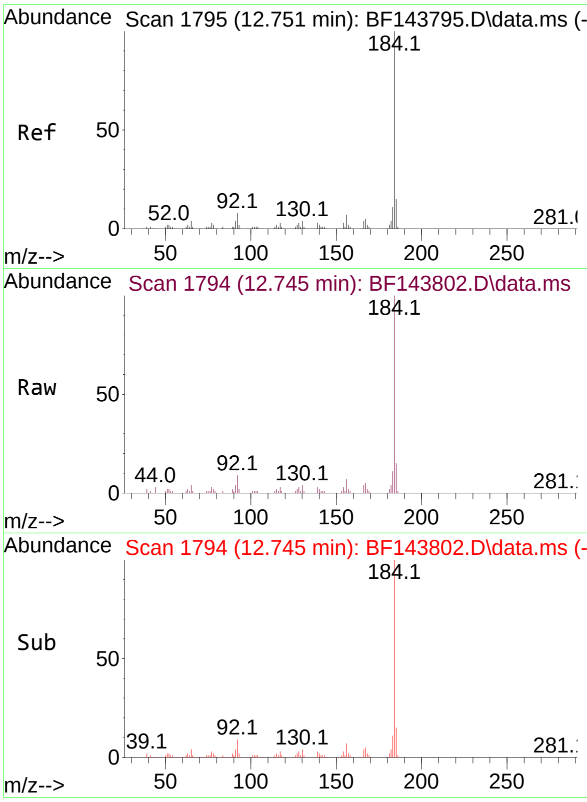
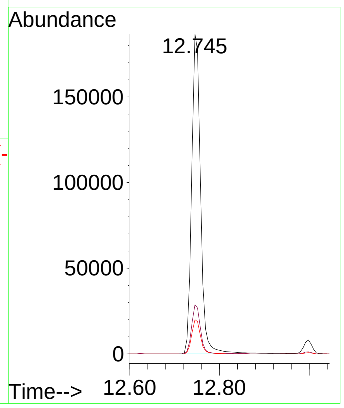
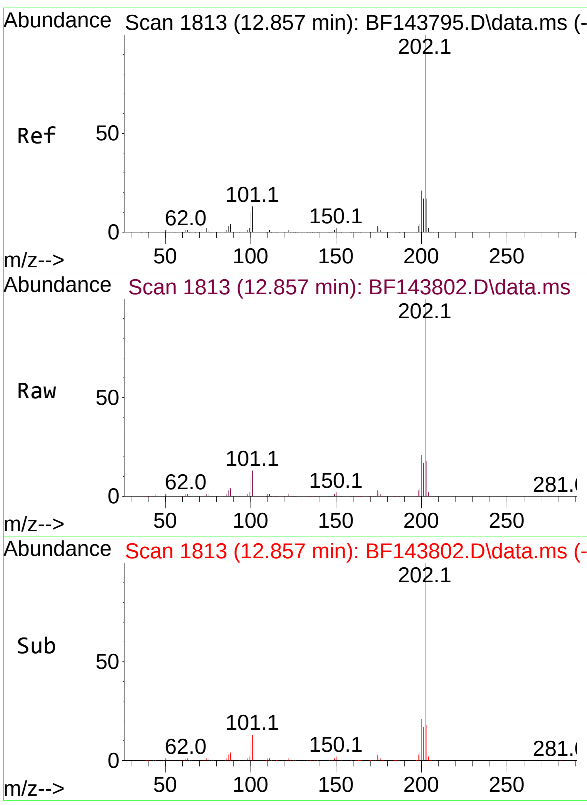


#77
Benzidine
Concen: 39.457 ng
RT: 12.745 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143802.D
Acq: 25 Sep 2025 13:06

Tgt Ion:184 Resp: 259270

Ion	Ratio	Lower	Upper
184	100		
185	15.4	11.6	17.4
183	10.7	8.6	13.0

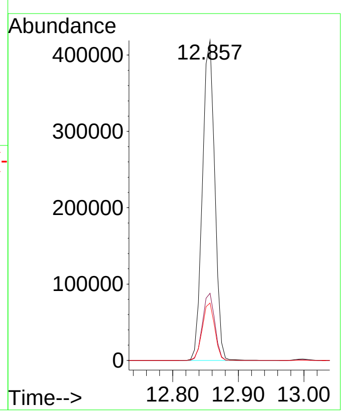


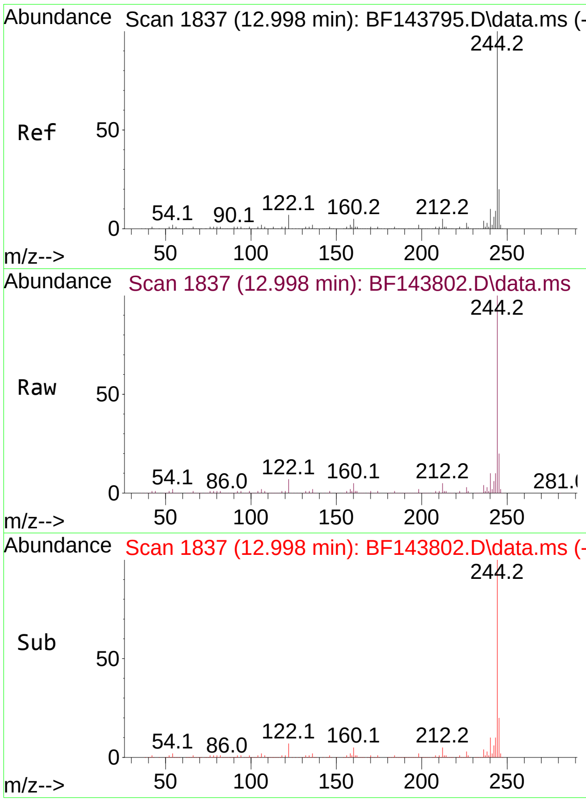


#78
Pyrene
Concen: 41.045 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF143802.D
Acq: 25 Sep 2025 13:06

Tgt Ion:202 Resp: 544153

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.0	25.4
203	17.9	13.9	20.9






```
#79
Terphenyl-d14
Concen:   85.688 ng
RT:  12.998 min  Scan# 18
Delta R.T.  -0.006 min
Lab File:   BF143802.D
Acq: 25 Sep 2025  13:06

Tgt Ion:244 Resp: 113613
Ion  Ratio  Lower  Upper
244  100
212    4.8    3.9    5.9
122    6.9    5.6    8.4
```

Instrument :
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ClientSampleId :
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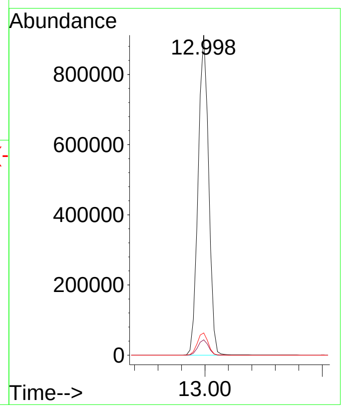
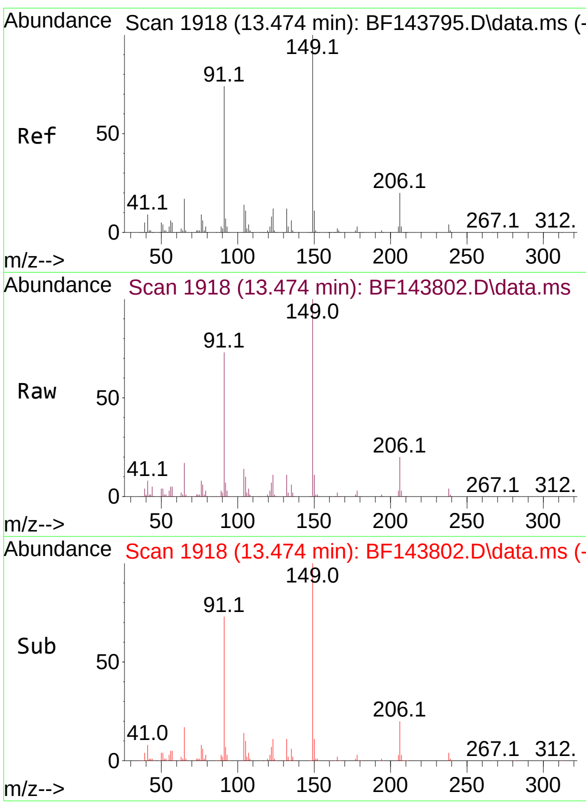
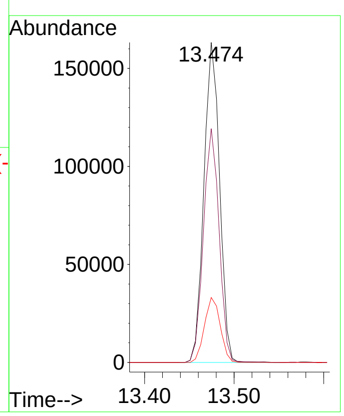


1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18




```
#80
Butylbenzylphthalate
Concen:   43.304 ng
RT:  13.474 min  Scan# 1918
Delta R.T.  -0.006 min
Lab File:   BF143802.D
Acq: 25 Sep 2025  13:06

Tgt Ion:149 Resp:  198621
Ion  Ratio  Lower  Upper
149  100
 91   73.0   59.5   89.3
206   20.3   16.1   24.1
```



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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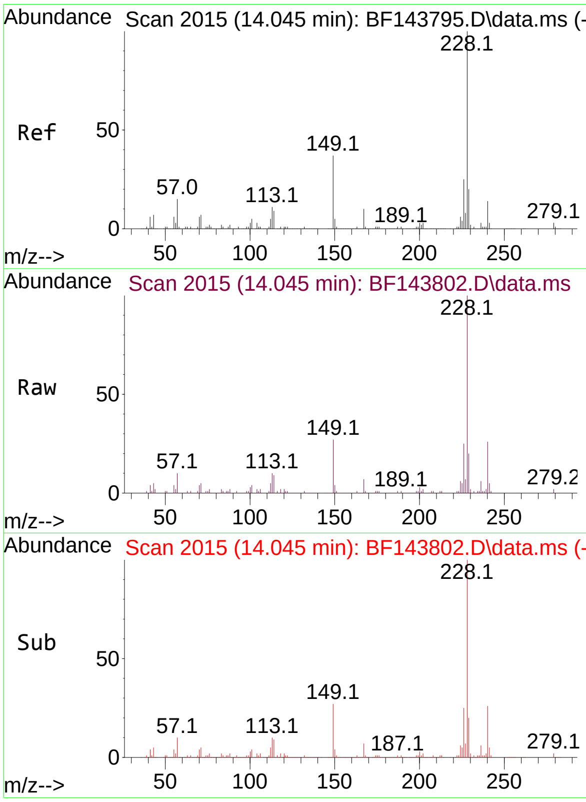
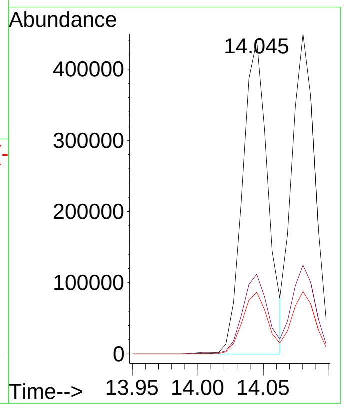
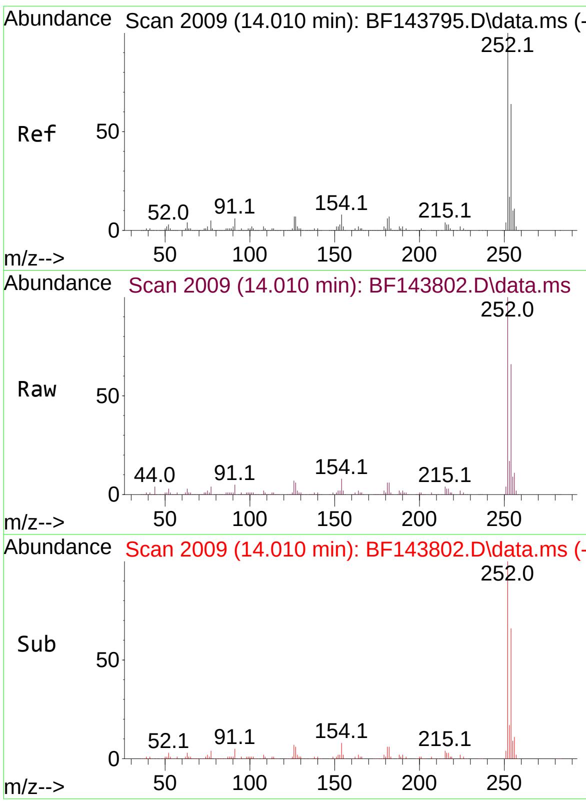


#81
Benzo(a)anthracene
Concen: 40.691 ng
RT: 14.045 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF143802.D
Acq: 25 Sep 2025 13:06

Tgt Ion:228 Resp: 58946

Ion	Ratio	Lower	Upper
228	100		
226	25.4	20.2	30.2
229	19.7	16.1	24.1

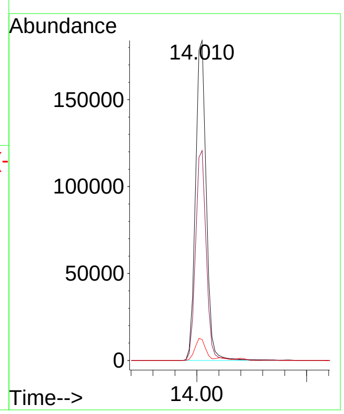




#82
3,3'-Dichlorobenzidine
Concen: 39.938 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF143802.D
Acq: 25 Sep 2025 13:06

Tgt Ion:252 Resp: 250642

Ion	Ratio	Lower	Upper
252	100		
254	65.6	51.5	77.3
126	6.5	5.4	8.2



Instrument :
BNA_F
ClientSampleId :
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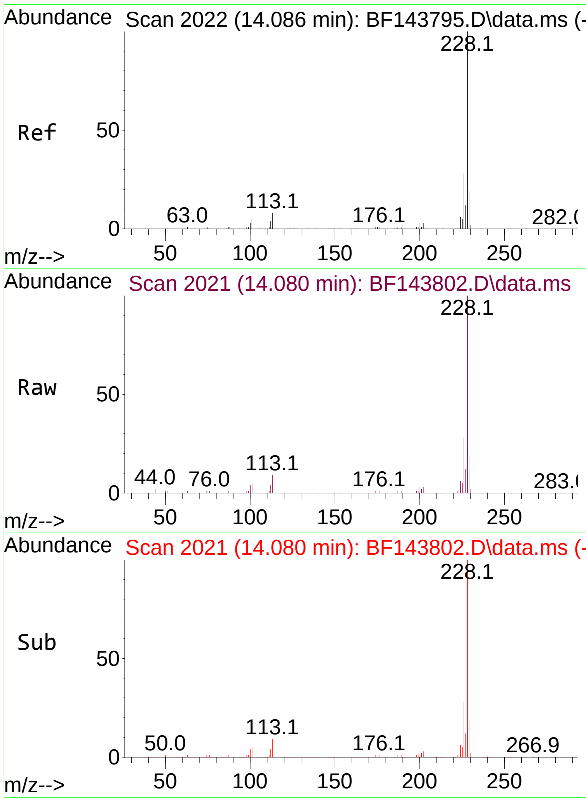
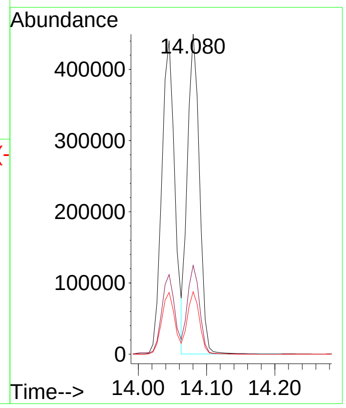
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

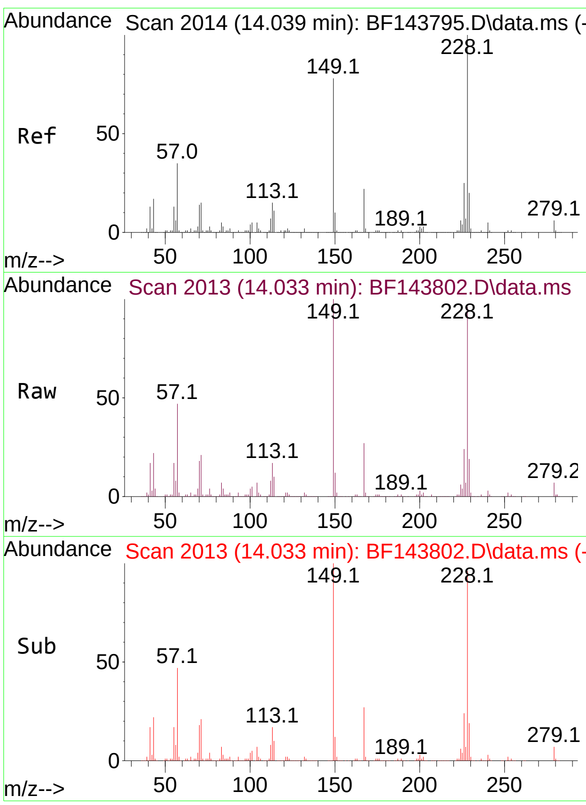


#83
Chrysene
Concen: 42.382 ng
RT: 14.080 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF143802.D
Acq: 25 Sep 2025 13:06

Tgt Ion:228 Resp: 55555

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	19.5	15.6	23.4

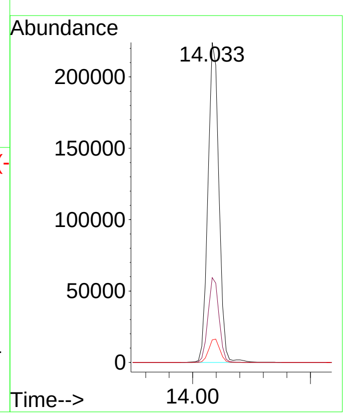


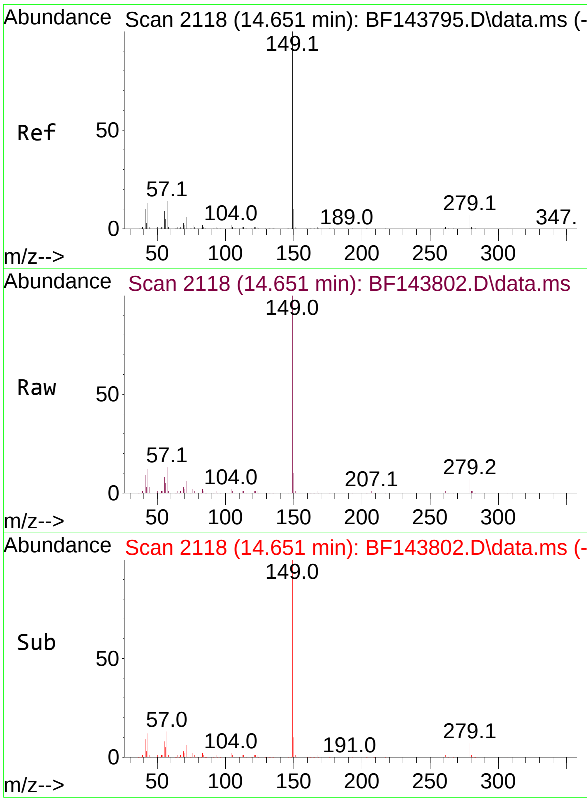


#84
Bis(2-ethylhexyl)phthalate
Concen: 43.322 ng
RT: 14.033 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF143802.D
Acq: 25 Sep 2025 13:06

Tgt Ion:149 Resp: 291258

Ion	Ratio	Lower	Upper
149	100		
167	26.5	22.2	33.2
279	7.0	6.0	9.0





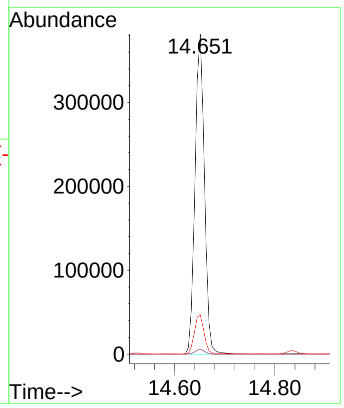
#85
Di-n-octyl phthalate
Concen: 40.838 ng
RT: 14.651 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143802.D
Acq: 25 Sep 2025 13:06

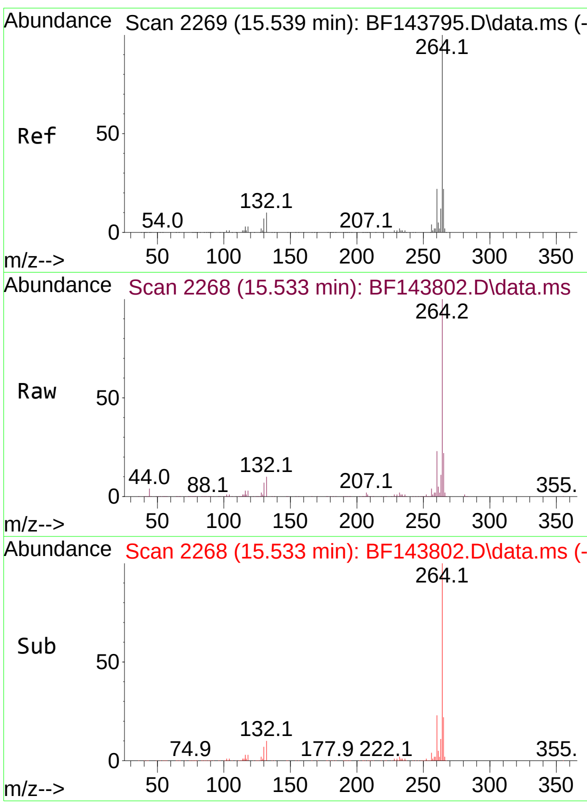
Tgt Ion:149 Resp: 49802

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	12.7	10.7	16.1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 09/26/2025
Supervised By :Jagrut Upadhyay 09/26/2025

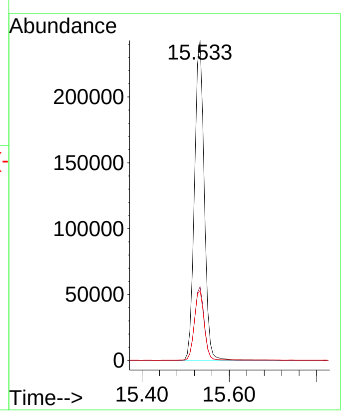




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF143802.D
Acq: 25 Sep 2025 13:06

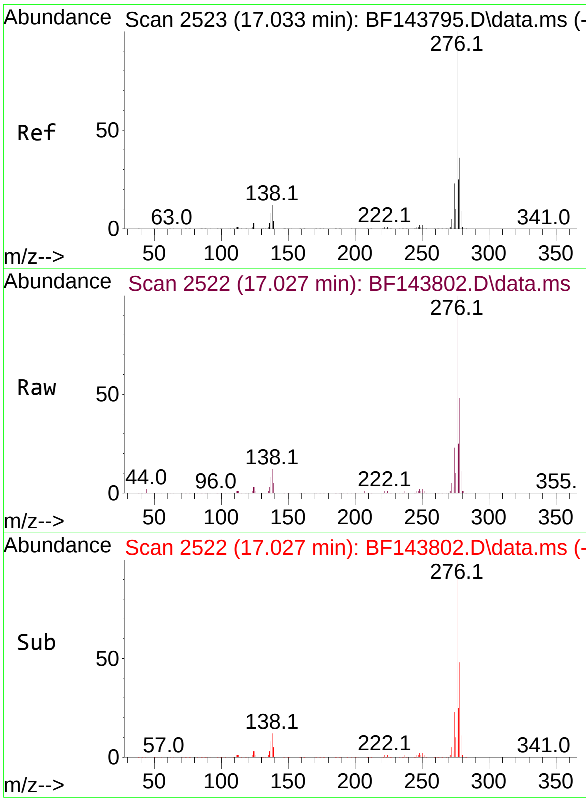
Tgt Ion:264 Resp: 377788

Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.9	26.9
265	21.8	17.7	26.5

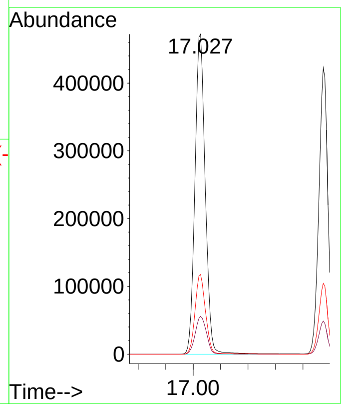


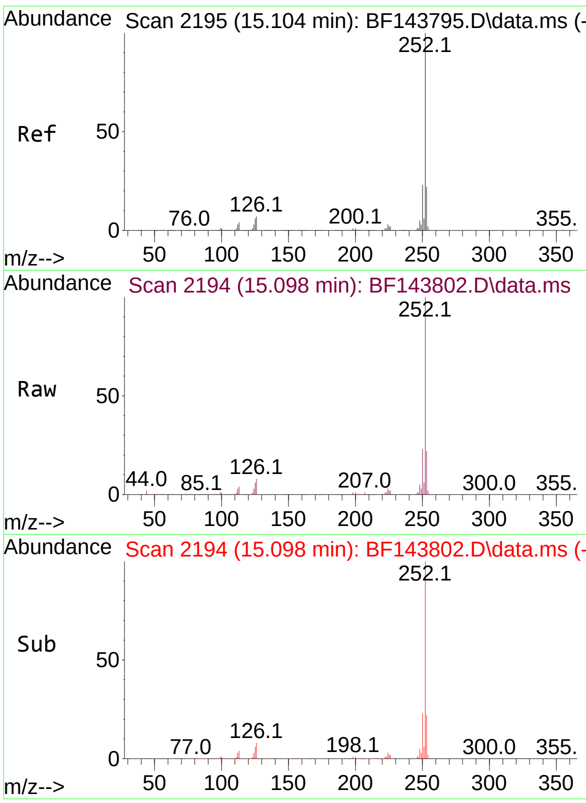
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED
Reviewed By :Rahul Chavli 09/26/2025
Supervised By :Jagrut Upadhyay 09/26/2025

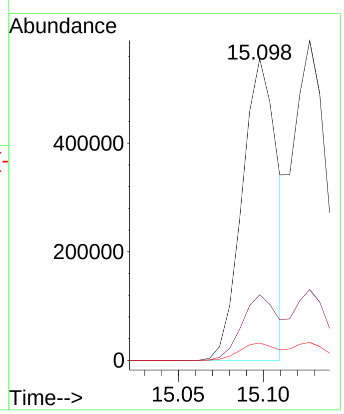



```
#87
Indeno(1,2,3-cd)pyrene
Concen:    43.072 ng
RT:  17.027 min   Scan# 25
Delta R.T.   -0.018 min
Lab File:    BF143802.D
Acq: 25 Sep 2025   13:06

Tgt Ion:276 Resp: 1234638
Ion   Ratio   Lower   Upper
276   100
138    12.8    10.6    15.8
277    25.2    20.7    31.1
```



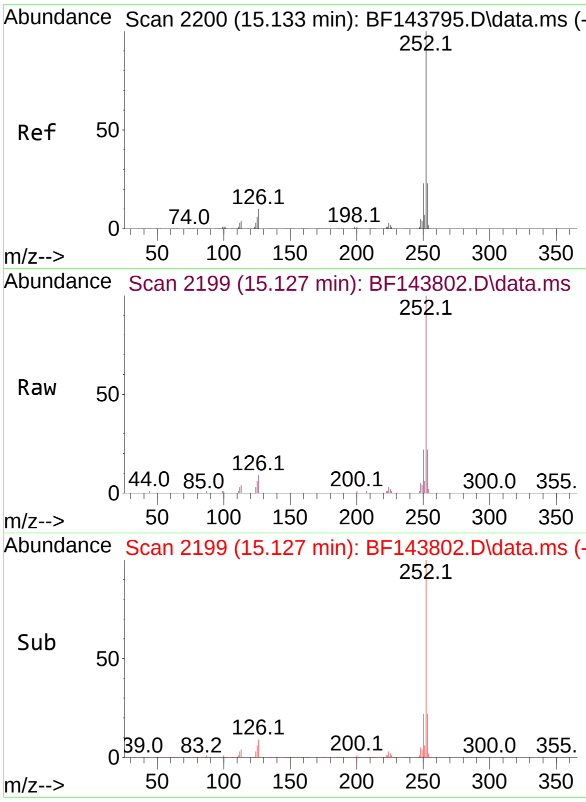



```
#88
Benzo(b)fluoranthene
Concen:    40.764 ng
RT:  15.098 min   Scan# 2194
Delta R.T.   -0.006 min
Lab File:    BF143802.D
Acq: 25 Sep 2025   13:06

Tgt Ion:252 Resp:   784257
Ion   Ratio   Lower   Upper
252   100
253    21.8    17.8    26.8
125     5.8     4.4     6.6
```



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

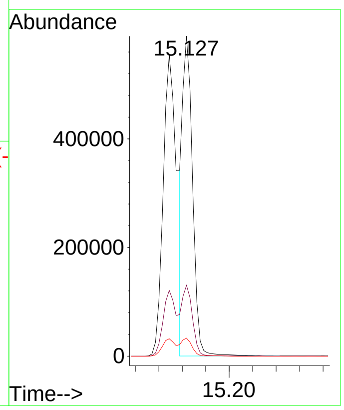
Manual Integrations
APPROVED
Reviewed By :Rahul Chavli 09/26/2025
Supervised By :Jagrut Upadhyay 09/26/2025

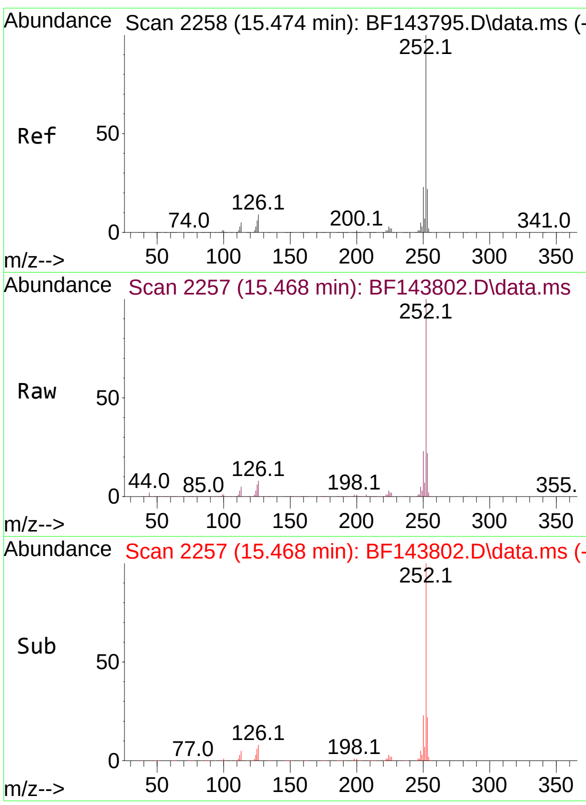


#89
Benzo(k)fluoranthene
Concen: 36.773 ng
RT: 15.127 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF143802.D
Acq: 25 Sep 2025 13:06

Tgt Ion:252 Resp: 71077

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	5.6	4.6	6.8

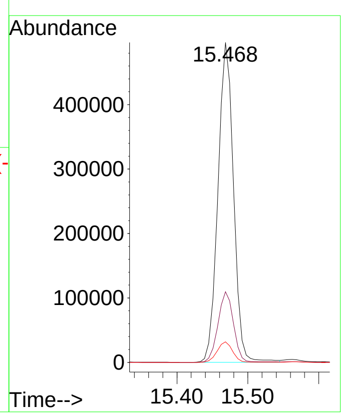


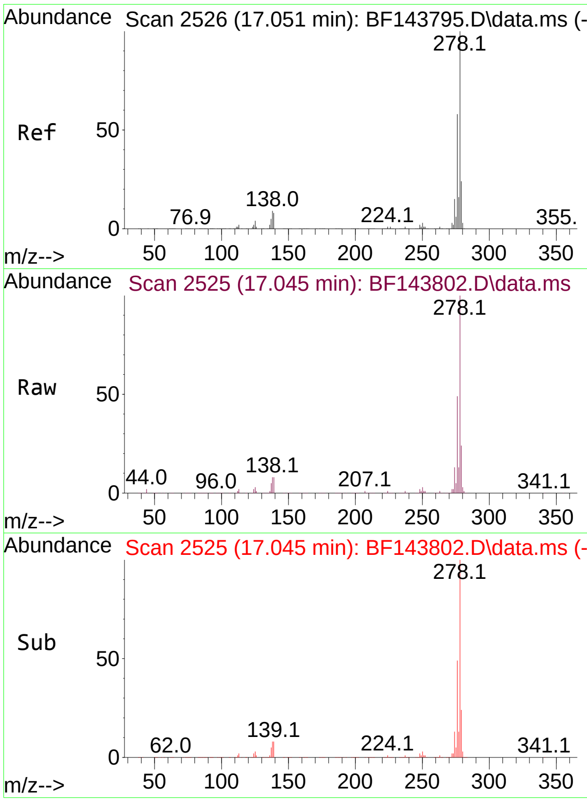


#90
Benzo(a)pyrene
Concen: 41.992 ng
RT: 15.468 min Scan# 2257
Delta R.T. -0.012 min
Lab File: BF143802.D
Acq: 25 Sep 2025 13:06

Tgt Ion:252 Resp: 759384

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	6.4	5.0	7.4

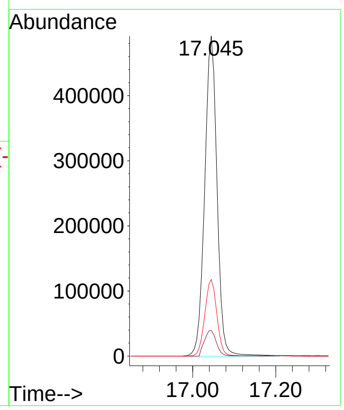




#91
Dibenzo(a,h)anthracene
Concen: 43.274 ng
RT: 17.045 min Scan# 25
Delta R.T. -0.023 min
Lab File: BF143802.D
Acq: 25 Sep 2025 13:06

Tgt Ion:278 Resp: 101455

Ion	Ratio	Lower	Upper
278	100		
139	8.0	6.7	10.1
279	23.9	19.3	28.9

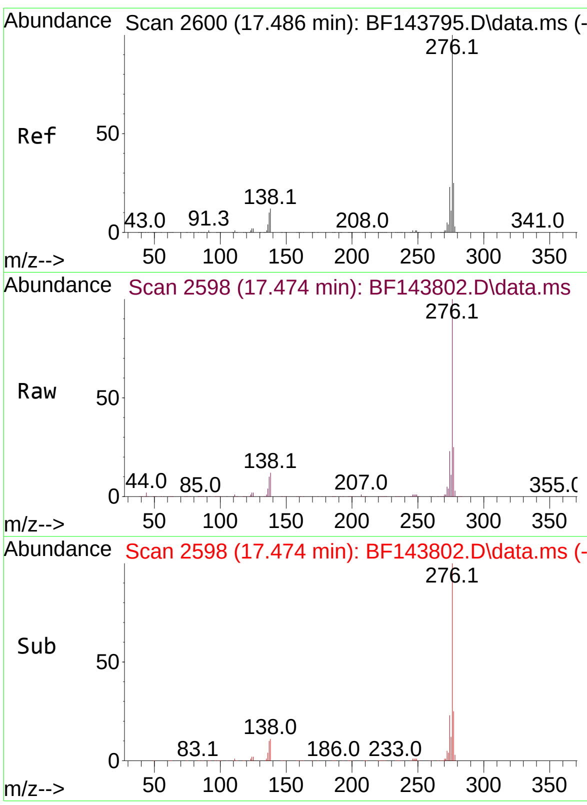


Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/26/2025
Supervised By :Jagrut Upadhyay 09/26/2025

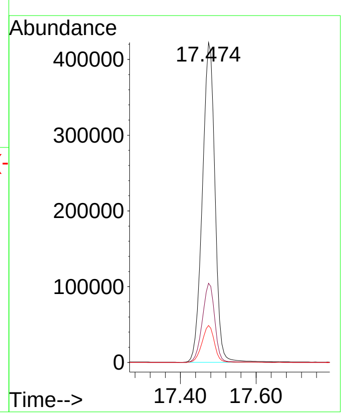
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18



#92
Benzo(g,h,i)perylene
Concen: 43.031 ng
RT: 17.474 min Scan# 2598
Delta R.T. -0.029 min
Lab File: BF143802.D
Acq: 25 Sep 2025 13:06

Tgt Ion:276 Resp: 972510

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.6	29.4
138	11.5	9.2	13.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
Data File : BF143802.D
Acq On : 25 Sep 2025 13:06
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Sep 25 14:33:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 05:00:00 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	92	0.00
2		1,4-Dioxane	40.000	44.481	-11.2	95	0.00
3		Pyridine	40.000	41.751	-4.4	89	0.00
4		n-Nitrosodimethylamine	40.000	38.826	2.9	84	-0.02
5	S	2-Fluorophenol	80.000	81.743	-2.2	87	0.00
6		Aniline	40.000	37.738	5.7	84	0.00
7	S	Phenol-d6	80.000	77.411	3.2	83	-0.01
8		2-Chlorophenol	40.000	39.981	0.0	87	0.00
9		Benzaldehyde	40.000	34.942	12.6	68	0.00
10	C	Phenol	40.000	37.701	5.7	82	-0.01
11		bis(2-Chloroethyl)ether	40.000	38.364	4.1	84	0.00
12		1,3-Dichlorobenzene	40.000	40.509	-1.3	89	0.00
13	C	1,4-Dichlorobenzene	40.000	40.057	-0.1	88	0.00
14		1,2-Dichlorobenzene	40.000	39.060	2.3	86	0.00
15		Benzyl Alcohol	40.000	37.316	6.7	81	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	36.459	8.9	80	0.00
17		2-Methylphenol	40.000	37.449	6.4	83	0.00
18		Hexachloroethane	40.000	40.547	-1.4	88	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	34.204	14.5	79	-0.01
20		3+4-Methylphenols	40.000	37.534	6.2	81	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	86	0.00
22		Acetophenone	40.000	40.315	-0.8	82	0.00
23	S	Nitrobenzene-d5	80.000	84.256	-5.3	84	0.00
24		Nitrobenzene	40.000	41.699	-4.2	83	-0.01
25		Isophorone	40.000	37.868	5.3	77	-0.01
26	C	2-Nitrophenol	40.000	39.769	0.6	84	0.00
27		2,4-Dimethylphenol	40.000	38.866	2.8	78	0.00
28		bis(2-Chloroethoxy)methane	40.000	38.157	4.6	77	0.00
29	C	2,4-Dichlorophenol	40.000	40.090	-0.2	81	0.00
30		1,2,4-Trichlorobenzene	40.000	41.644	-4.1	84	0.00
31		Naphthalene	40.000	40.984	-2.5	84	0.00
32		Benzoic acid	40.000	31.632	20.9	66	-0.04
33		4-Chloroaniline	40.000	38.630	3.4	78	0.00
34	C	Hexachlorobutadiene	40.000	41.718	-4.3	83	0.00
35		Caprolactam	40.000	36.642	8.4	75	-0.03
36	C	4-Chloro-3-methylphenol	40.000	37.652	5.9	77	0.00
37		2-Methylnaphthalene	40.000	38.990	2.5	80	0.00
38		1-Methylnaphthalene	40.000	39.098	2.3	80	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	79	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	43.382	-8.5	82	0.00
41	P	Hexachlorocyclopentadiene	40.000	42.650	-6.6	77	0.00
42	S	2,4,6-Tribromophenol	80.000	87.487	-9.4	78	0.00
43	C	2,4,6-Trichlorophenol	40.000	44.230	-10.6	78	0.00
44		2,4,5-Trichlorophenol	40.000	40.809	-2.0	75	0.00
45	S	2-Fluorobiphenyl	80.000	86.957	-8.7	81	0.00
46		1,1'-Biphenyl	40.000	42.097	-5.2	80	0.00
47		2-Chloronaphthalene	40.000	42.329	-5.8	80	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
Data File : BF143802.D
Acq On : 25 Sep 2025 13:06
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Sep 25 14:33:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 05:00:00 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	43.977	-9.9	76	0.00
49		Acenaphthylene	40.000	41.866	-4.7	78	0.00
50		Dimethylphthalate	40.000	40.564	-1.4	76	0.00
51		2,6-Dinitrotoluene	40.000	43.168	-7.9	75	0.00
52	C	Acenaphthene	40.000	40.912	-2.3	77	0.00
53		3-Nitroaniline	40.000	44.387	-11.0	75	0.00
54	P	2,4-Dinitrophenol	40.000	37.264	6.8	68	0.00
55		Dibenzofuran	40.000	41.881	-4.7	79	0.00
56	P	4-Nitrophenol	40.000	39.668	0.8	73	0.00
57		2,4-Dinitrotoluene	40.000	38.763	3.1	73	0.00
58		Fluorene	40.000	40.828	-2.1	78	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	43.386	-8.5	78	0.00
60		Diethylphthalate	40.000	39.778	0.6	74	0.00
61		4-Chlorophenyl-phenylether	40.000	40.580	-1.4	76	0.00
62		4-Nitroaniline	40.000	41.725	-4.3	71	-0.01
63		Azobenzene	40.000	40.321	-0.8	75	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	75	0.00
65		4,6-Dinitro-2-methylphenol	40.000	37.701	5.7	70	0.00
66	c	n-Nitrosodiphenylamine	40.000	42.280	-5.7	77	0.00
67		4-Bromophenyl-phenylether	40.000	42.519	-6.3	76	0.00
68		Hexachlorobenzene	40.000	42.714	-6.8	77	0.00
69		Atrazine	40.000	41.731	-4.3	71	0.00
70	C	Pentachlorophenol	40.000	42.781	-7.0	74	0.00
71		Phenanthrene	40.000	42.454	-6.1	76	0.00
72		Anthracene	40.000	41.988	-5.0	75	0.00
73		Carbazole	40.000	42.799	-7.0	74	0.00
74		Di-n-butylphthalate	40.000	44.025	-10.1	74	0.00
75	C	Fluoranthene	40.000	43.193	-8.0	74	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	74	0.00
77		Benzidine	40.000	39.457	1.4	69	0.00
78		Pyrene	40.000	41.045	-2.6	74	0.00
79	S	Terphenyl-d14	80.000	85.688	-7.1	76	0.00
80		Butylbenzylphthalate	40.000	43.304	-8.3	69	0.00
81		Benzo(a)anthracene	40.000	40.691	-1.7	70	0.00
82		3,3'-Dichlorobenzidine	40.000	39.938	0.2	69	0.00
83		Chrysene	40.000	42.382	-6.0	75	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	43.322	-8.3	71	0.00
85	c	Di-n-octyl phthalate	40.000	40.838	-2.1	67	0.00
86	I	Perylene-d12	20.000	20.000	0.0	72	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	43.072	-7.7	73	-0.02
88		Benzo(b)fluoranthene	40.000	40.764	-1.9	68	0.00
89		Benzo(k)fluoranthene	40.000	36.773	8.1	62	-0.01
90	C	Benzo(a)pyrene	40.000	41.992	-5.0	70	-0.01
91		Dibenzo(a,h)anthracene	40.000	43.274	-8.2	72	-0.02
92		Benzo(g,h,i)perylene	40.000	43.031	-7.6	72	-0.03

```
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
Data File : BF143802.D
Acq On    : 25 Sep 2025  13:06
Operator  : RC/JU
Sample    : SSTDCCC040
Misc      :
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Sep 25 14:33:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 05:00:00 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
```

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

1
2
3
4
5
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12
13
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18

Sample Results: **BF143802.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
Data File : BF143802.D
Acq On : 25 Sep 2025 13:06
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

Quant Time: Sep 25 14:33:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 05:00:00 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	92	0.00
2		1,4-Dioxane	0.589	0.655	-11.2	95	0.00
3		Pyridine	1.590	1.660	-4.4	89	0.00
4		n-Nitrosodimethylamine	0.797	0.774	2.9	84	-0.02
5	S	2-Fluorophenol	1.231	1.258	-2.2	87	0.00
6		Aniline	2.064	1.948	5.6	84	0.00
7	S	Phenol-d6	1.422	1.376	3.2	83	-0.01
8		2-Chlorophenol	1.260	1.260	0.0	87	0.00
9		Benzaldehyde	1.246	1.088	12.7	68	0.00
10	C	Phenol	1.653	1.558	5.7	82	-0.01
11		bis(2-Chloroethyl)ether	1.296	1.243	4.1	84	0.00
12		1,3-Dichlorobenzene	1.463	1.482	-1.3	89	0.00
13	C	1,4-Dichlorobenzene	1.460	1.462	-0.1	88	0.00
14		1,2-Dichlorobenzene	1.383	1.350	2.4	86	0.00
15		Benzyl Alcohol	1.028	0.959	6.7	81	0.00
16		2,2'-oxybis(1-Chloropropane	3.073	2.801	8.9	80	0.00
17		2-Methylphenol	0.976	0.913	6.5	83	0.00
18		Hexachloroethane	0.514	0.521	-1.4	88	0.00
19	P	n-Nitroso-di-n-propylamine	0.915	0.782	14.5	79	-0.01
20		3+4-Methylphenols	1.188	1.115	6.1	81	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	86	0.00
22		Acetophenone	0.439	0.443	-0.9	82	0.00
23	S	Nitrobenzene-d5	0.327	0.344	-5.2	84	0.00
24		Nitrobenzene	0.362	0.378	-4.4	83	-0.01
25		Isophorone	0.637	0.603	5.3	77	-0.01
26	C	2-Nitrophenol	0.132	0.146	-10.6	84	0.00
27		2,4-Dimethylphenol	0.285	0.277	2.8	78	0.00
28		bis(2-Chloroethoxy)methane	0.414	0.395	4.6	77	0.00
29	C	2,4-Dichlorophenol	0.280	0.281	-0.4	81	0.00
30		1,2,4-Trichlorobenzene	0.291	0.303	-4.1	84	0.00
31		Naphthalene	0.957	0.981	-2.5	84	0.00
32		Benzoic acid	0.137	0.109	20.4	66	-0.04
33		4-Chloroaniline	0.336	0.325	3.3	78	0.00
34	C	Hexachlorobutadiene	0.217	0.226	-4.1	83	0.00
35		Caprolactam	0.072	0.066	8.3	75	-0.03
36	C	4-Chloro-3-methylphenol	0.263	0.247	6.1	77	0.00
37		2-Methylnaphthalene	0.611	0.595	2.6	80	0.00
38		1-Methylnaphthalene	0.584	0.571	2.2	80	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	79	0.00
40		1,2,4,5-Tetrachlorobenzene	0.604	0.655	-8.4	82	0.00
41	P	Hexachlorocyclopentadiene	0.383	0.408	-6.5	77	0.00
42	S	2,4,6-Tribromophenol	0.296	0.324	-9.5	78	0.00
43	C	2,4,6-Trichlorophenol	0.378	0.418	-10.6	78	0.00
44		2,4,5-Trichlorophenol	0.395	0.403	-2.0	75	0.00
45	S	2-Fluorobiphenyl	1.282	1.393	-8.7	81	0.00
46		1,1'-Biphenyl	1.448	1.524	-5.2	80	0.00
47		2-Chloronaphthalene	1.165	1.233	-5.8	80	0.00

```
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
Data File : BF143802.D
Acq On    : 25 Sep 2025  13:06
Operator  : RC/JU
Sample    : SSTDCCC040
Misc      :
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Sep 25 14:33:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 05:00:00 2025
Response via : Initial Calibration
```

Instrument : BNA_F
LabSampleId : SSTDCCC040

```
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	0.352	0.387	-9.9	76	0.00
49		Acenaphthylene	1.604	1.679	-4.7	78	0.00
50		Dimethylphthalate	1.219	1.236	-1.4	76	0.00
51		2,6-Dinitrotoluene	0.200	0.216	-8.0	75	0.00
52	C	Acenaphthene	1.056	1.080	-2.3	77	0.00
53		3-Nitroaniline	0.243	0.269	-10.7	75	0.00
54	P	2,4-Dinitrophenol	0.064	0.055	14.1	68	0.00
55		Dibenzofuran	1.493	1.563	-4.7	79	0.00
56	P	4-Nitrophenol	0.196	0.194	1.0	73	0.00
57		2,4-Dinitrotoluene	0.261	0.284	-8.8	73	0.00
58		Fluorene	1.110	1.133	-2.1	78	0.00
59		2,3,4,6-Tetrachlorophenol	0.339	0.367	-8.3	78	0.00
60		Diethylphthalate	1.141	1.135	0.5	74	0.00
61		4-Chlorophenyl-phenylether	0.566	0.574	-1.4	76	0.00
62		4-Nitroaniline	0.228	0.238	-4.4	71	-0.01
63		Azobenzene	1.203	1.212	-0.7	75	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	75	0.00
65		4,6-Dinitro-2-methylphenol	0.067	0.064	4.5	70	0.00
66	c	n-Nitrosodiphenylamine	0.658	0.695	-5.6	77	0.00
67		4-Bromophenyl-phenylether	0.341	0.362	-6.2	76	0.00
68		Hexachlorobenzene	0.470	0.502	-6.8	77	0.00
69		Atrazine	0.190	0.199	-4.7	71	0.00
70	C	Pentachlorophenol	0.234	0.250	-6.8	74	0.00
71		Phenanthrene	1.027	1.090	-6.1	76	0.00
72		Anthracene	1.030	1.081	-5.0	75	0.00
73		Carbazole	0.901	0.964	-7.0	74	0.00
74		Di-n-butylphthalate	1.036	1.140	-10.0	74	0.00
75	C	Fluoranthene	1.033	1.115	-7.9	74	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	74	0.00
77		Benzidine	0.487	0.481	1.2	69	0.00
78		Pyrene	0.983	1.009	-2.6	74	0.00
79	S	Terphenyl-d14	0.983	1.053	-7.1	76	0.00
80		Butylbenzylphthalate	0.340	0.368	-8.2	69	0.00
81		Benzo(a)anthracene	1.074	1.093	-1.8	70	0.00
82		3,3'-Dichlorobenzidine	0.465	0.465	0.0	69	0.00
83		Chrysene	0.972	1.030	-6.0	75	0.00
84		Bis(2-ethylhexyl)phthalate	0.499	0.540	-8.2	71	0.00
85	c	Di-n-octyl phthalate	0.905	0.923	-2.0	67	0.00
86	I	Perylene-d12	1.000	1.000	0.0	72	0.00
87		Indeno(1,2,3-cd)pyrene	1.517	1.634	-7.7	73	-0.02
88		Benzo(b)fluoranthene	1.018	1.038	-2.0	68	0.00
89		Benzo(k)fluoranthene	1.023	0.941	8.0	62	-0.01
90	C	Benzo(a)pyrene	0.957	1.005	-5.0	70	-0.01
91		Dibenzo(a,h)anthracene	1.241	1.343	-8.2	72	-0.02
92		Benzo(g,h,i)perylene	1.196	1.287	-7.6	72	-0.03

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
Data File : BF143802.D
Acq On : 25 Sep 2025 13:06
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Sep 25 14:33:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 05:00:00 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

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

QC SAMPLE DATA

DFTPP

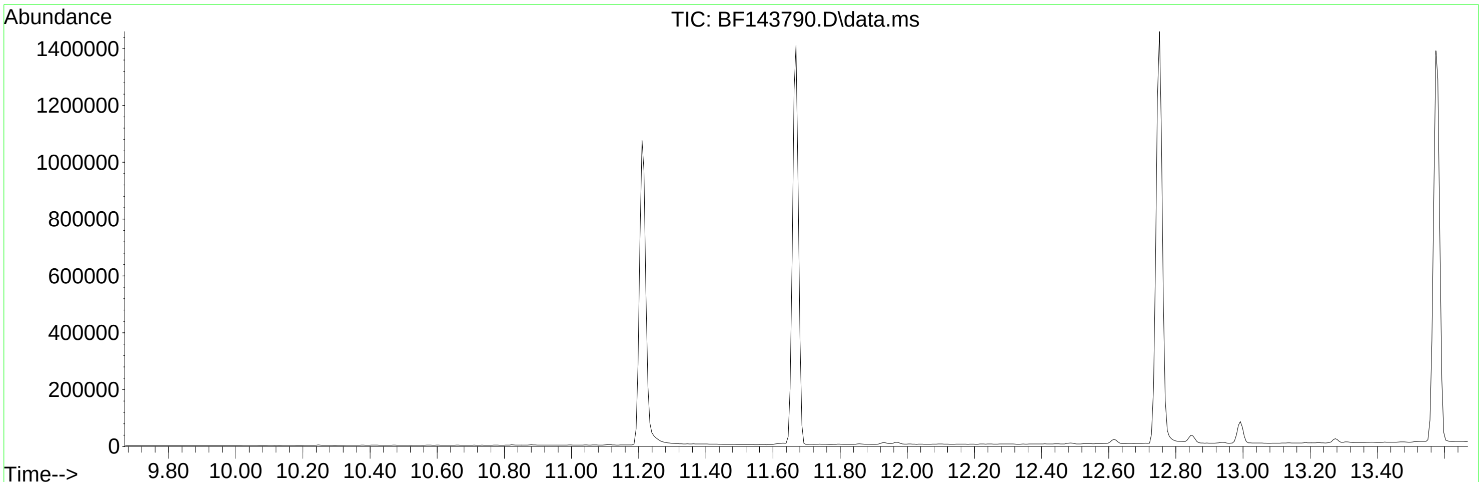
Sample Results: **BF143790.D**

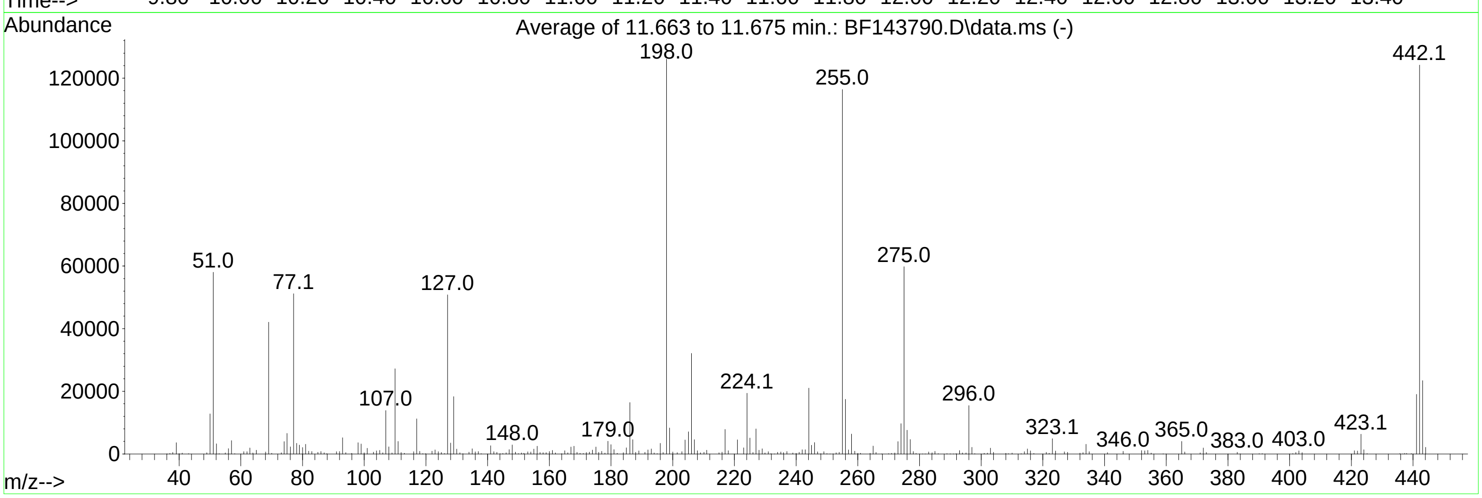
```
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
Data File : BF143790.D
Acq On    : 23 Sep 2025  09:31
Operator  : RC/JU
Sample    : DFTPP
Misc      :
ALS Vial  : 1   Sample Multiplier: 1

Integration File: rteint.p

Method    : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Title     : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update  : Wed Sep 24 05:00:00 2025
```

Instrument :
BNA_F
ClientSampleId :
DFTPP





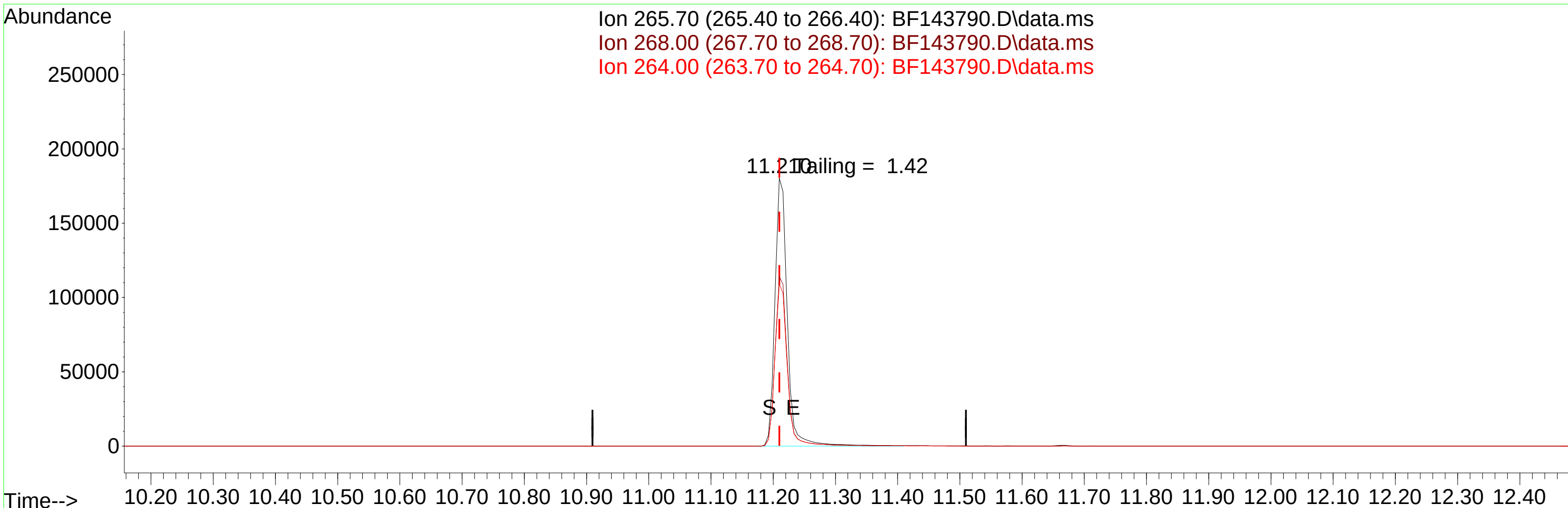
AutoFind: Scans 1610, 1611, 1612; Background Corrected with Scan 1604

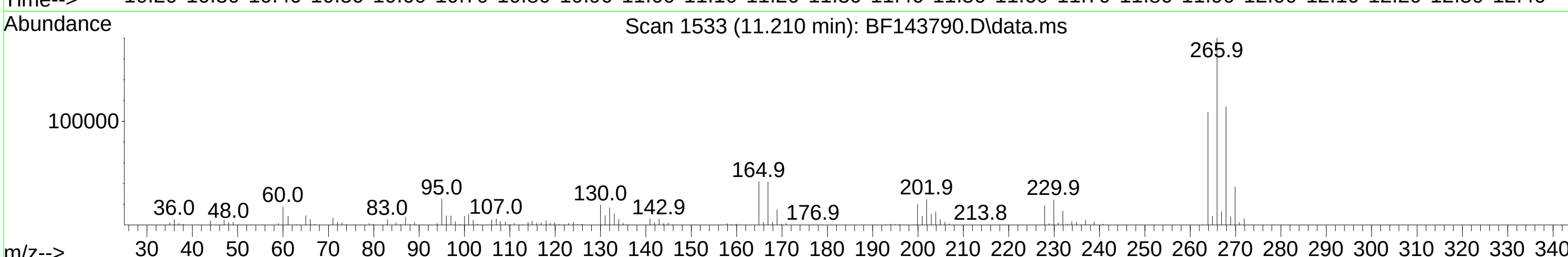
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.6	670	PASS
69	69	100	100	100.0	42104	PASS
70	69	0.00	2	0.6	252	PASS
197	198	0.00	2	0.4	514	PASS
198	198	100	100	100.0	126099	PASS
199	198	5	9	6.6	8311	PASS
365	198	1	100	3.2	4006	PASS
441	443	0.01	150	81.4	19061	PASS
442	442	100	100	100.0	124205	PASS
443	442	15	24	18.9	23416	PASS

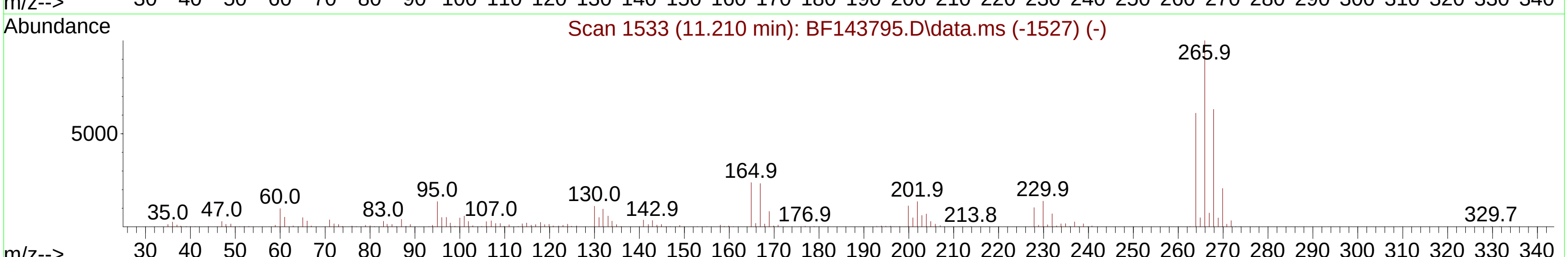
```
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
Data File : BF143790.D
Acq On    : 23 Sep 2025  09:31
Operator  : RC/JU
Sample    : DFTPP
Misc      :
ALS Vial  : 1   Sample Multiplier: 1

Quant Time: Sep 23 14:37:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 23 14:30:38 2025
Response via : Initial Calibration
```

Instrument :
BNA_F
ClientSampleId :
DFTPP







TIC: BF143790.D\data.ms

(70) Pentachlorophenol (C)

11.210min (+ 0.000) 32047.58 ng

response 252838

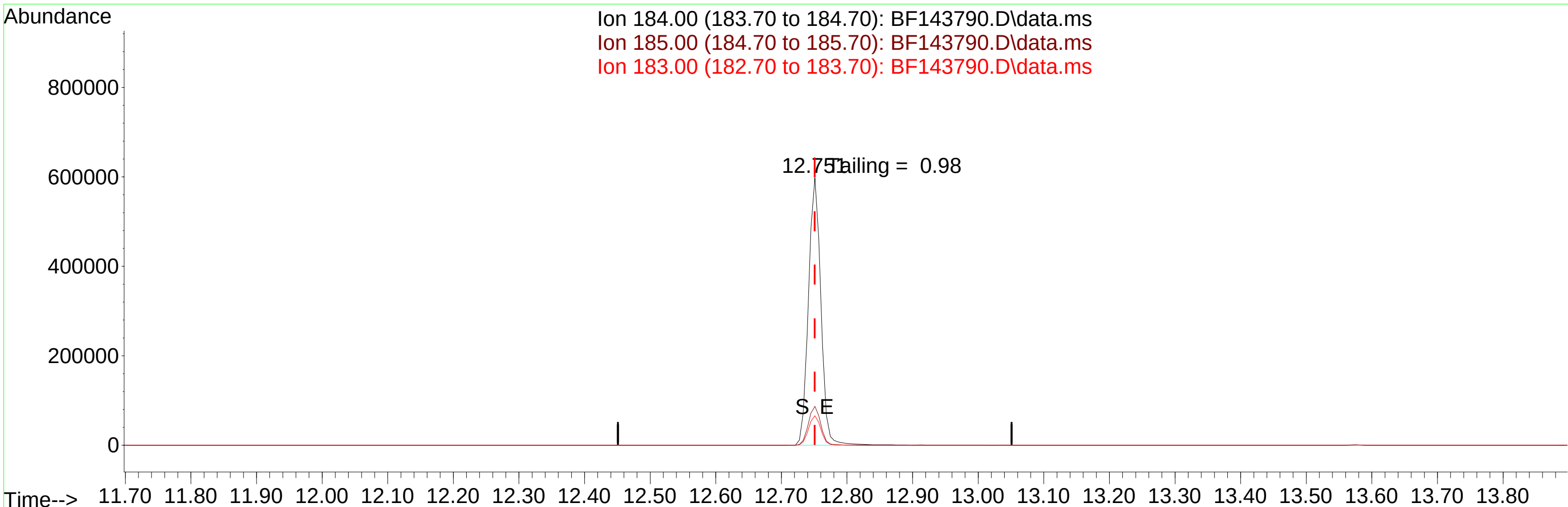
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.10	63.36
264.00	61.00	60.49
0.00	0.00	0.00

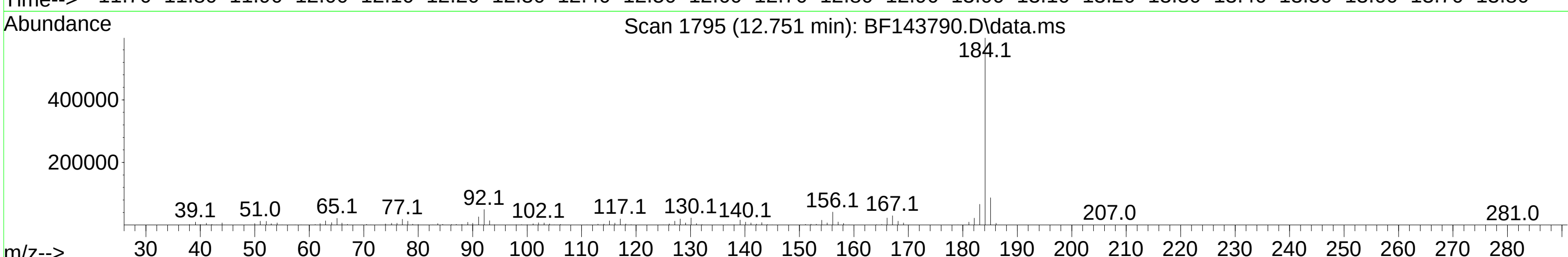
Sample Results: **BF143790.D**

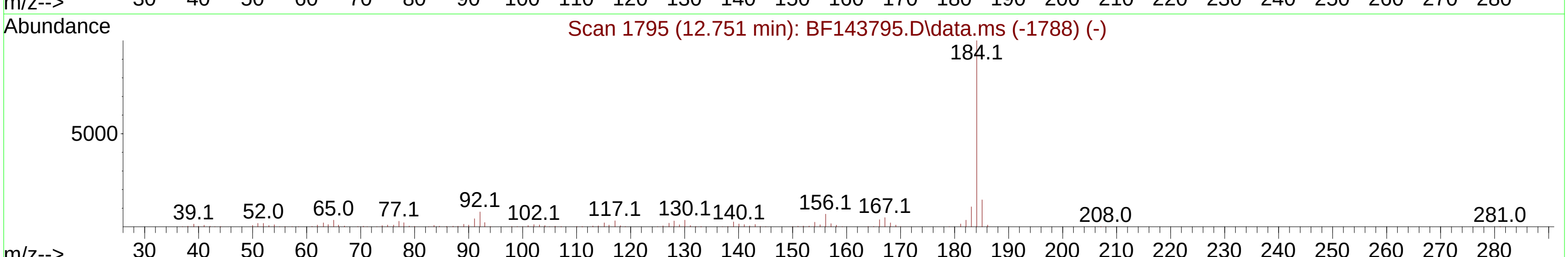
```
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
Data File : BF143790.D
Acq On    : 23 Sep 2025  09:31
Operator  : RC/JU
Sample    : DFTPP
Misc      :
ALS Vial  : 1   Sample Multiplier: 1

Quant Time: Sep 23 14:37:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 23 14:30:38 2025
Response via : Initial Calibration
```

Instrument :
BNA_F
ClientSampleId :
DFTPP







TIC: BF143790.D\data.ms

(77) Benzidine

12.751min (+ 0.000) 22811.55 ng

response 789331

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.50	14.56
183.00	10.80	11.07
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
9/23/2025	BNA_F	BF143790.D
Compound Name	**Response**	**Retention Time**
DDT	356414	13.574
DDD	5539	13.274
DDE	649	12.939
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
6188	362602	1.71

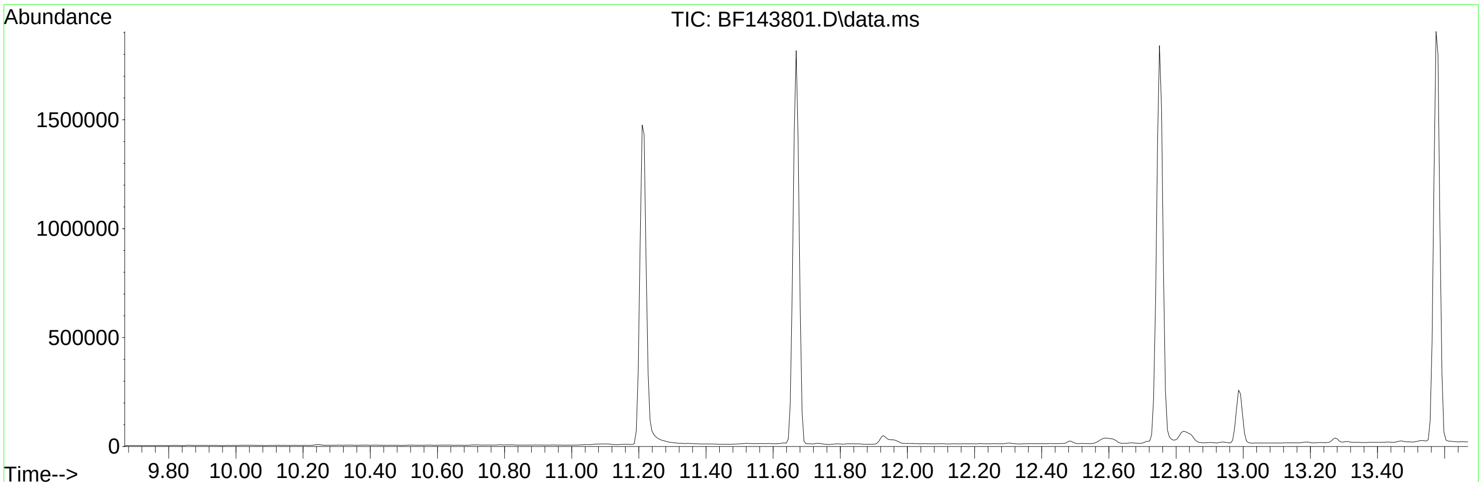
DFTPP

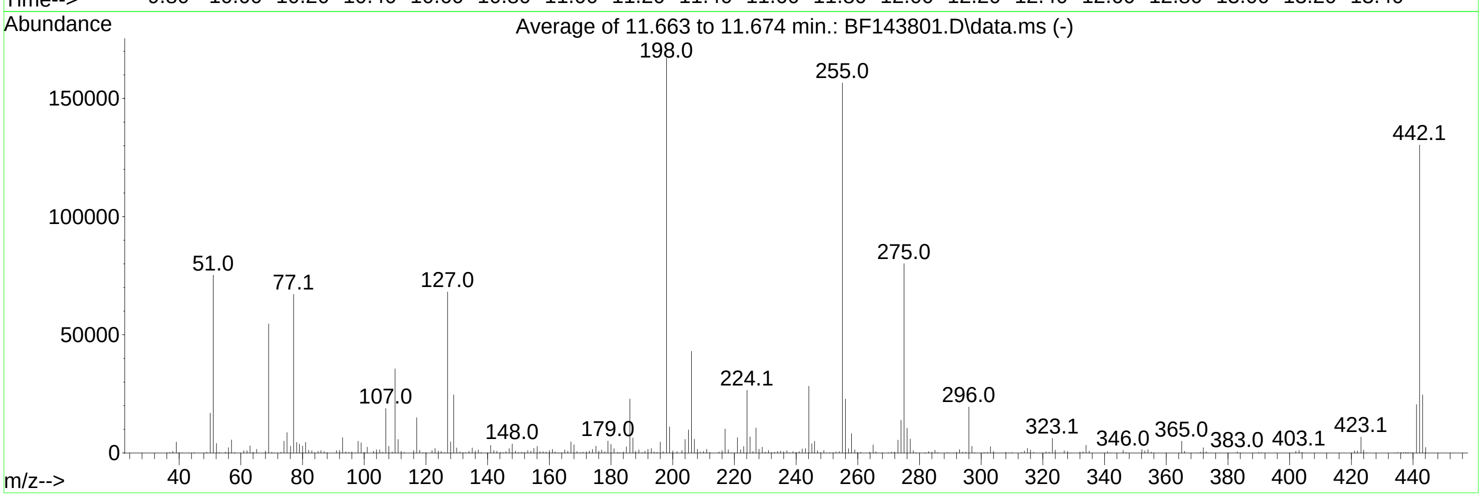
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
Data File : BF143801.D
Acq On : 25 Sep 2025 12:03
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Sep 24 05:00:00 2025





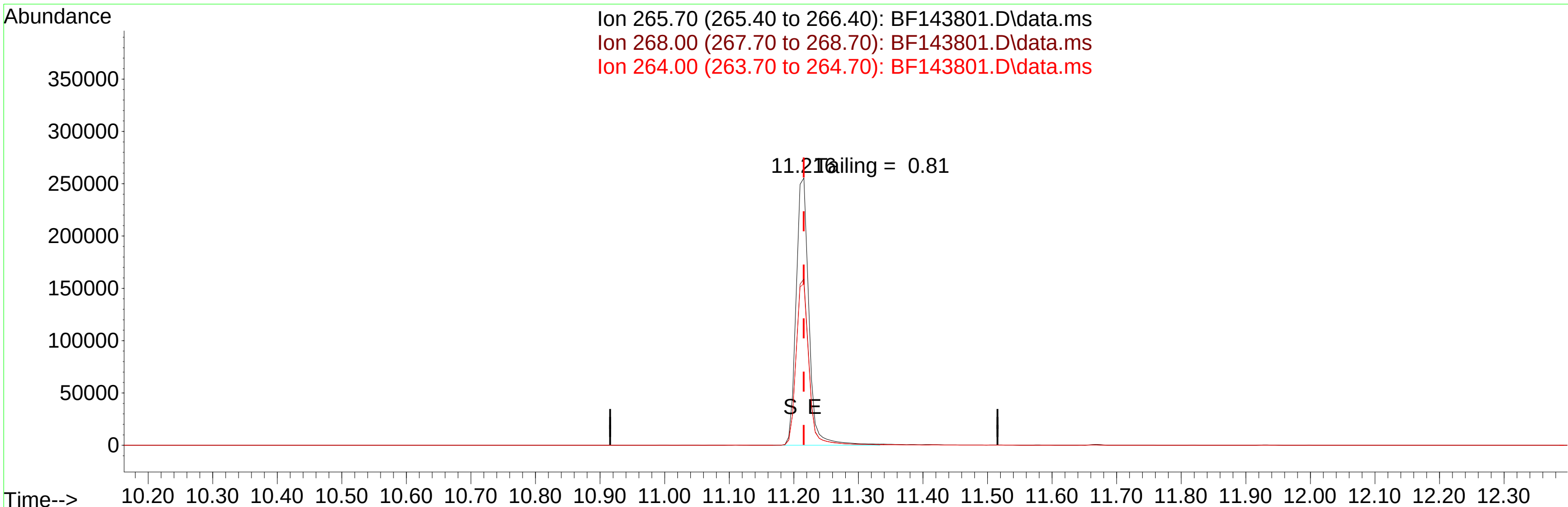
AutoFind: Scans 1610, 1611, 1612; Background Corrected with Scan 1603

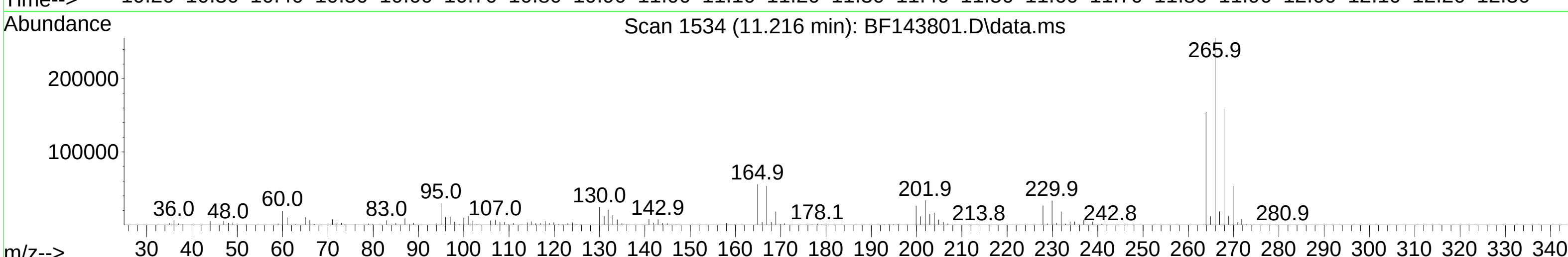
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.5	818	PASS
69	69	100	100	100.0	54649	PASS
70	69	0.00	2	0.5	280	PASS
197	198	0.00	2	0.3	572	PASS
198	198	100	100	100.0	167104	PASS
199	198	5	9	6.6	11091	PASS
365	198	1	100	3.0	4982	PASS
441	443	0.01	150	83.4	20469	PASS
442	442	100	100	100.0	130317	PASS
443	442	15	24	18.8	24531	PASS

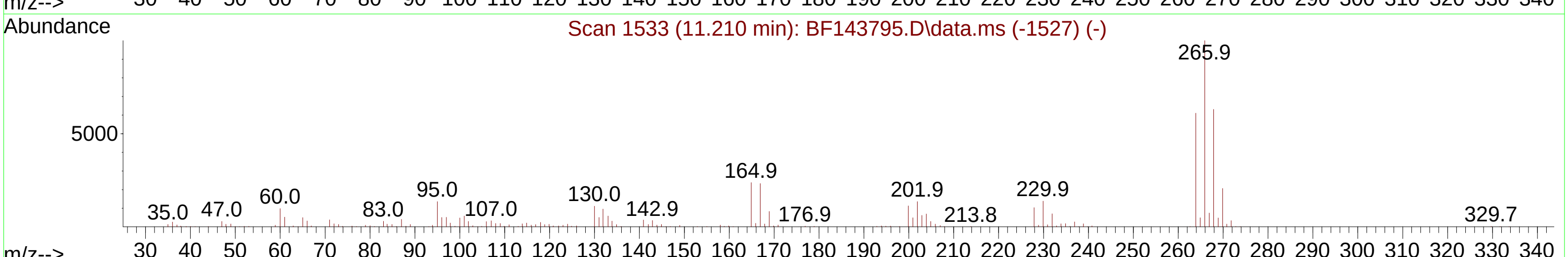
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
Data File : BF143801.D
Acq On : 25 Sep 2025 12:03
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Sep 25 12:28:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 05:00:00 2025
Response via : Initial Calibration







TIC: BF143801.D\data.ms

(70) Pentachlorophenol (C)

11.216min (-0.000) 38670.72 ng

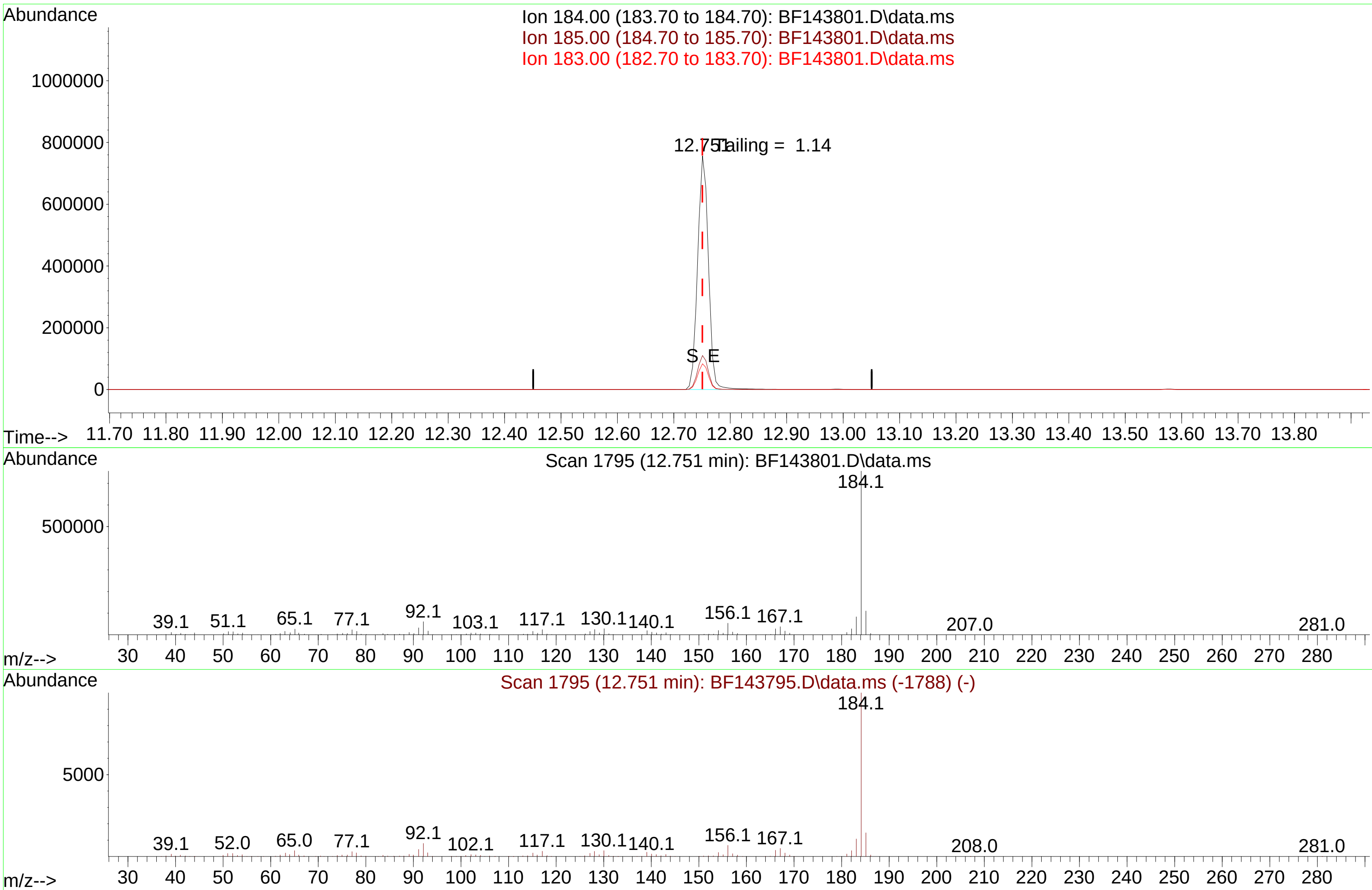
response 355330

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.10	62.16
264.00	61.00	60.46
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
Data File : BF143801.D
Acq On : 25 Sep 2025 12:03
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DFTPP

Quant Time: Sep 25 12:28:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 05:00:00 2025
Response via : Initial Calibration



(77) Benzidine

12.751min (0.000) 5496.52 ng

response 1007617

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.50	14.54
183.00	10.80	11.02
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
9/25/2025	BNA_F	BF143801.D
Compound Name	**Response**	**Retention Time**
DDT	502047	13.574
DDD	7723	13.274
DDE	1204	12.939
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
8927	510974	1.75

Alliance TECHNICAL GROUP

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

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:		
Project:	RFP 916		Date Received:		
Client Sample ID:	PB169827BL		SDG No.:	Q3176	
Lab Sample ID:	PB169827BL		Matrix:	SOIL	
Analytical Method:	8270E		% Solid:	100	
Sample Wt/Vol:	30.01	Units: g	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:	SVOC-TCL BNA -20	
Extraction Type :		Decanted : N	Level :	LOW	
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143803.D	1	09/25/25 09:25	09/25/25 13:46	PB169827

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	160	U	160	330	ug/Kg
108-95-2	Phenol	22.1	U	22.1	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	24.3	U	24.3	170	ug/Kg
95-57-8	2-Chlorophenol	24.4	U	24.4	170	ug/Kg
95-48-7	2-Methylphenol	29.9	U	29.9	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	37.5	U	37.5	170	ug/Kg
98-86-2	Acetophenone	29.5	U	29.5	170	ug/Kg
65794-96-9	3+4-Methylphenols	41.1	U	41.1	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	47.4	U	47.4	80.0	ug/Kg
67-72-1	Hexachloroethane	17.6	U	17.6	170	ug/Kg
98-95-3	Nitrobenzene	18.3	U	18.3	170	ug/Kg
78-59-1	Isophorone	32.8	U	32.8	170	ug/Kg
88-75-5	2-Nitrophenol	58.2	U	58.2	170	ug/Kg
105-67-9	2,4-Dimethylphenol	64.8	U	64.8	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	30.8	U	30.8	170	ug/Kg
120-83-2	2,4-Dichlorophenol	28.3	U	28.3	170	ug/Kg
91-20-3	Naphthalene	22.7	U	22.7	170	ug/Kg
106-47-8	4-Chloroaniline	35.4	U	35.4	170	ug/Kg
87-68-3	Hexachlorobutadiene	25.3	U	25.3	170	ug/Kg
105-60-2	Caprolactam	52.1	U	52.1	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	28.7	U	28.7	170	ug/Kg
91-57-6	2-Methylnaphthalene	25.6	U	25.6	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	19.8	U	19.8	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	29.1	U	29.1	170	ug/Kg
92-52-4	1,1-Biphenyl	21.8	U	21.8	170	ug/Kg
91-58-7	2-Chloronaphthalene	22.5	U	22.5	170	ug/Kg
88-74-4	2-Nitroaniline	48.1	U	48.1	170	ug/Kg
131-11-3	Dimethylphthalate	27.1	U	27.1	170	ug/Kg

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Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	
Project:	RFP 916	Date Received:	
Client Sample ID:	PB169827BL	SDG No.:	Q3176
Lab Sample ID:	PB169827BL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143803.D	1	09/25/25 09:25	09/25/25 13:46	PB169827

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	28.9	U	28.9	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	33.6	U	33.6	170	ug/Kg
99-09-2	3-Nitroaniline	46.0	U	46.0	170	ug/Kg
83-32-9	Acenaphthene	21.3	U	21.3	170	ug/Kg
51-28-5	2,4-Dinitrophenol	230	U	230	330	ug/Kg
100-02-7	4-Nitrophenol	110	U	110	330	ug/Kg
132-64-9	Dibenzofuran	22.7	U	22.7	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	50.1	U	50.1	170	ug/Kg
84-66-2	Diethylphthalate	28.3	U	28.3	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26.7	U	26.7	170	ug/Kg
86-73-7	Fluorene	25.3	U	25.3	170	ug/Kg
100-01-6	4-Nitroaniline	64.2	U	64.2	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	100	U	100	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	32.9	U	32.9	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	27.8	U	27.8	170	ug/Kg
118-74-1	Hexachlorobenzene	25.3	U	25.3	170	ug/Kg
1912-24-9	Atrazine	34.0	U	34.0	170	ug/Kg
87-86-5	Pentachlorophenol	51.3	U	51.3	330	ug/Kg
85-01-8	Phenanthrene	20.9	U	20.9	170	ug/Kg
120-12-7	Anthracene	33.3	U	33.3	170	ug/Kg
86-74-8	Carbazole	31.2	U	31.2	170	ug/Kg
84-74-2	Di-n-butylphthalate	47.9	U	47.9	170	ug/Kg
206-44-0	Fluoranthene	30.0	U	30.0	170	ug/Kg
129-00-0	Pyrene	36.0	U	36.0	170	ug/Kg
85-68-7	Butylbenzylphthalate	71.4	U	71.4	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	36.7	U	36.7	330	ug/Kg
56-55-3	Benzo(a)anthracene	23.0	U	23.0	170	ug/Kg
218-01-9	Chrysene	19.9	U	19.9	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	59.2	U	59.2	170	ug/Kg
117-84-0	Di-n-octyl phthalate	86.8	U	86.8	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	19.0	U	19.0	170	ug/Kg

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Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:		
Project:	RFP 916		Date Received:		
Client Sample ID:	PB169827BL		SDG No.:	Q3176	
Lab Sample ID:	PB169827BL		Matrix:	SOIL	
Analytical Method:	8270E		% Solid:	100	
Sample Wt/Vol:	30.01	Units: g	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:	SVOC-TCL BNA -20	
Extraction Type :		Decanted : N	Level :	LOW	
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143803.D	1	09/25/25 09:25	09/25/25 13:46	PB169827

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	22.4	U	22.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	29.5	U	29.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	29.1	U	29.1	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	27.4	U	27.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	25.7	U	25.7	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	25.6	U	25.6	170	ug/Kg
123-91-1	1,4-Dioxane	45.2	U	45.2	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	27.4	U	27.4	170	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	242		18 - 112	81%	SPK: 300
13127-88-3	Phenol-d6	246		15 - 107	82%	SPK: 300
4165-60-0	Nitrobenzene-d5	185		18 - 107	92%	SPK: 200
321-60-8	2-Fluorobiphenyl	165		20 - 109	82%	SPK: 200
118-79-6	2,4,6-Tribromophenol	205		10 - 116	68%	SPK: 300
1718-51-0	Terphenyl-d14	213	*	10 - 105	107%	SPK: 200
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	90600	6.886			
1146-65-2	Naphthalene-d8	350000	8.163			
15067-26-2	Acenaphthene-d10	191000	9.922			
1517-22-2	Phenanthrene-d10	314000	11.41			
1719-03-5	Chrysene-d12	279000	14.051			
1520-96-3	Perylene-d12	321000	15.533			
TENTATIVE IDENTIFIED COMPOUNDS						
006311-48-4	(1,1-Biphenyl)-4,4-diamine, N,N	350	J		17.2	ug/Kg

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Report of Analysis

Client:	Weston Solutions, Inc.			Date Collected:	
Project:	RFP 916			Date Received:	
Client Sample ID:	PB169827BL			SDG No.:	Q3176
Lab Sample ID:	PB169827BL			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	100
Sample Wt/Vol:	30.01	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOC-TCL BNA -20
Extraction Type :		Decanted :	N	Level :	LOW
Injection Volume :		GPC Factor :	1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143803.D	1	09/25/25 09:25	09/25/25 13:46	PB169827

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

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
Data File : BF143803.D
Acq On : 25 Sep 2025 13:46
Operator : RC/JU
Sample : PB169827BL
Misc :
ALS Vial : 3 Sample Multiplier: 2

Instrument :
BNA_F
ClientSampleId :
PB169827BL

Quant Time: Sep 25 14:34:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 05:00:00 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	181119	40.000	ng	0.00
21) Naphthalene-d8	8.163	136	699988	40.000	ng	0.00
39) Acenaphthene-d10	9.922	164	382723	40.000	ng	0.00
64) Phenanthrene-d10	11.410	188	628340	40.000	ng	0.00
76) Chrysene-d12	14.051	240	557779	40.000	ng	-0.01
86) Perylene-d12	15.533	264	642668	40.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1350528	121.147	ng	0.01
7) Phenol-d6	6.504	99	1583008	122.899	ng	0.00
23) Nitrobenzene-d5	7.445	82	1057786	92.500	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	582036	102.709	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2019445	82.340	ng	0.00
79) Terphenyl-d14	13.004	244	2921898	106.537	ng	0.00

Target Compounds Qvalue

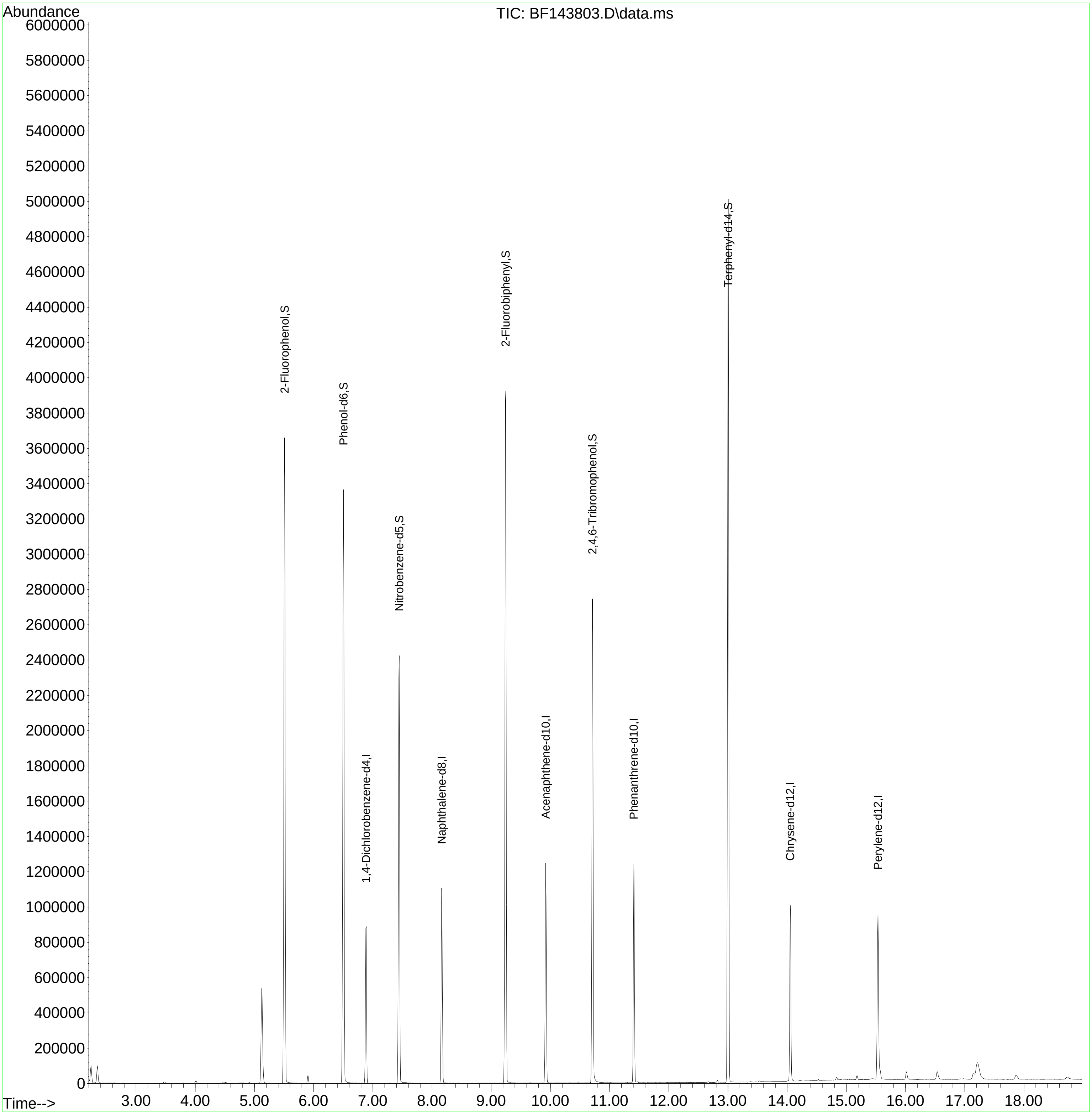
(#) = qualifier out of range (m) = manual integration (+) = signals summed

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

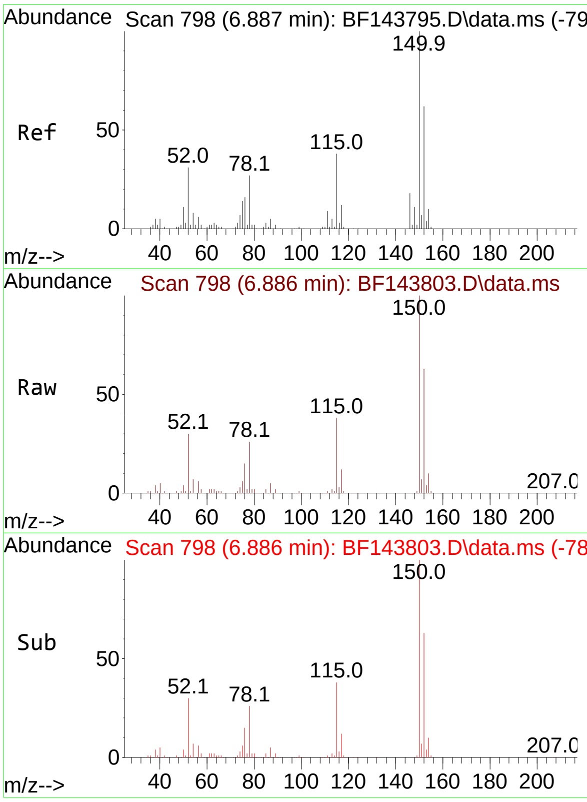
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
Data File : BF143803.D
Acq On : 25 Sep 2025 13:46
Operator : RC/JU
Sample : PB169827BL
Misc :
ALS Vial : 3 Sample Multiplier: 2

Instrument :
BNA_F
ClientSampleId :
PB169827BL

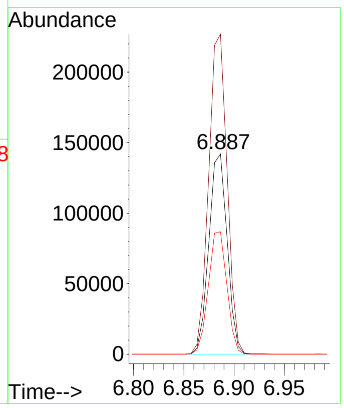
Quant Time: Sep 25 14:34:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 05:00:00 2025
Response via : Initial Calibration

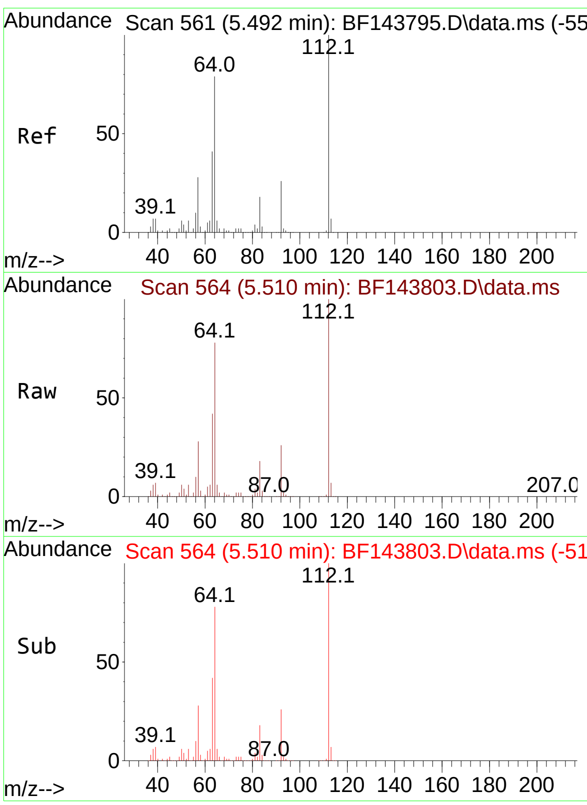


Instrument : BNA_F
ClientSampleId : PB169827BL

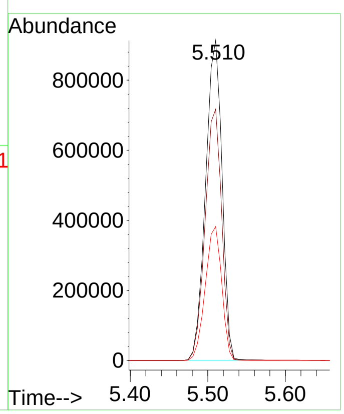



```
#1
1,4-Dichlorobenzene-d4
Concen:   40.000 ng
RT:   6.886 min  Scan# 7
Delta R.T.  -0.000 min
Lab File:   BF143803.D
Acq: 25 Sep 2025  13:46

Tgt Ion:152 Resp:  181119
Ion  Ratio  Lower  Upper
152  100
150  159.9  129.6  194.4
115   61.2   49.0   73.4
```



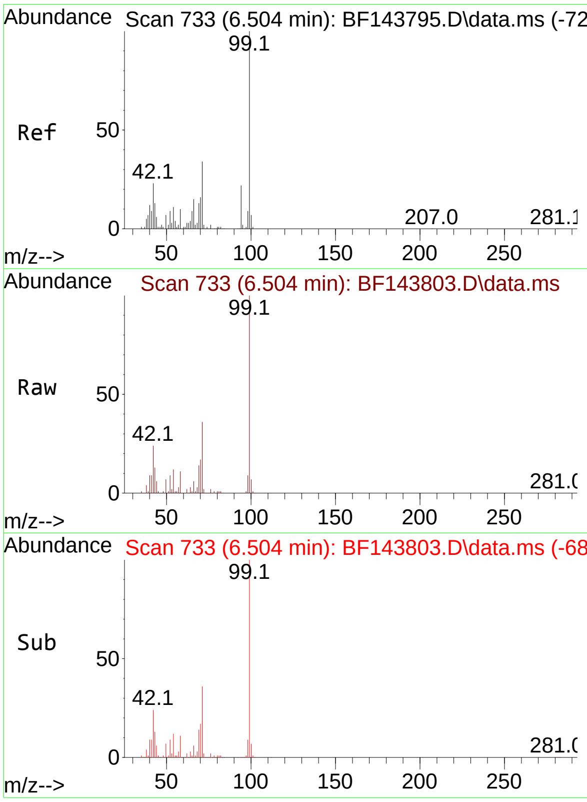



```
#5
2-Fluorophenol
Concen:  121.147 ng
RT:   5.510 min  Scan# 564
Delta R.T.  0.012 min
Lab File:   BF143803.D
Acq: 25 Sep 2025  13:46

Tgt Ion:112 Resp: 1350528
Ion  Ratio  Lower  Upper
112  100
 64   78.5   63.0   94.4
 63   41.8   32.6   49.0
```



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

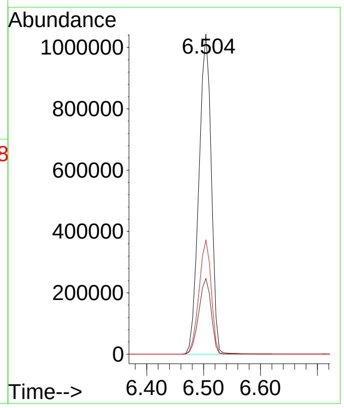
Instrument : BNA_F
ClientSampleId : PB169827BL

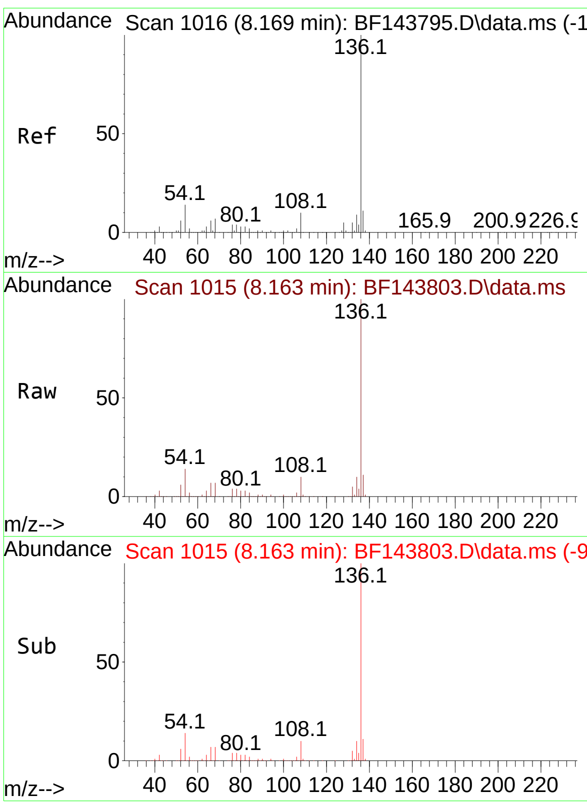


#7
Phenol-d6
Concen: 122.899 ng
RT: 6.504 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143803.D
Acq: 25 Sep 2025 13:46

Tgt Ion: 99 Resp: 1583008

Ion	Ratio	Lower	Upper
99	100		
42	23.7	18.6	28.0
71	35.6	27.0	40.4

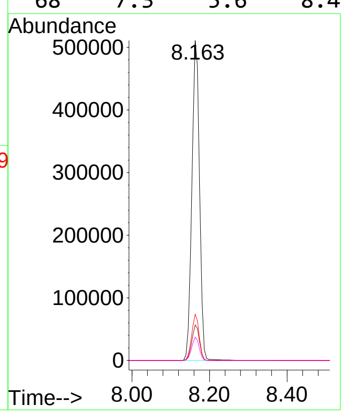




#21
Naphthalene-d8
Concen: 40.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF143803.D
Acq: 25 Sep 2025 13:46

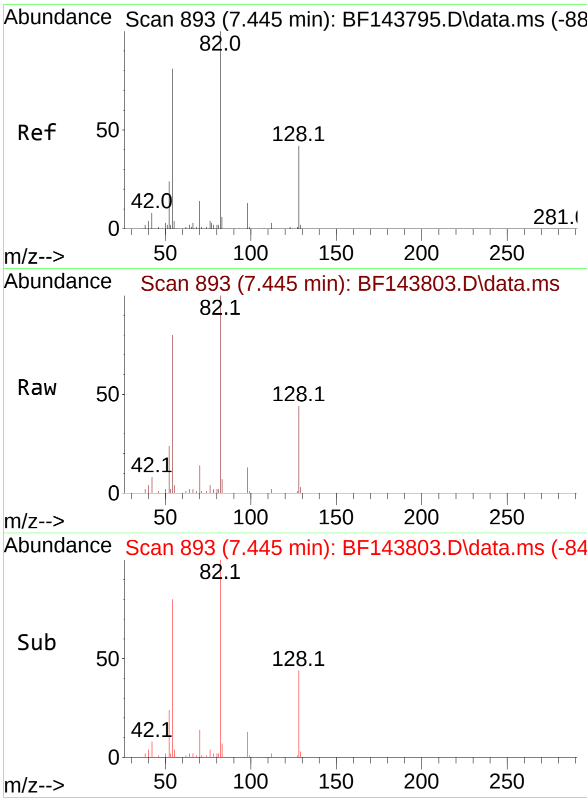
Tgt Ion:136 Resp: 699988

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	14.4	11.2	16.8
68	7.3	5.6	8.4



Instrument : BNA_F
ClientSampleId : PB169827BL

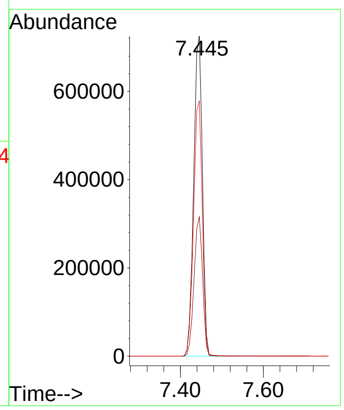
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

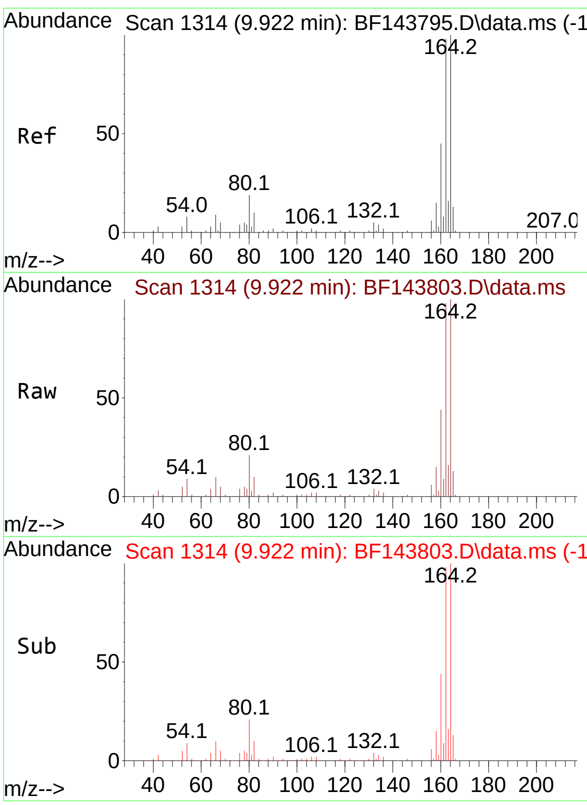


#23
Nitrobenzene-d5
Concen: 92.500 ng
RT: 7.445 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF143803.D
Acq: 25 Sep 2025 13:46

Tgt Ion: 82 Resp: 1057786

Ion	Ratio	Lower	Upper
82	100		
128	43.5	33.3	49.9
54	79.6	64.2	96.4

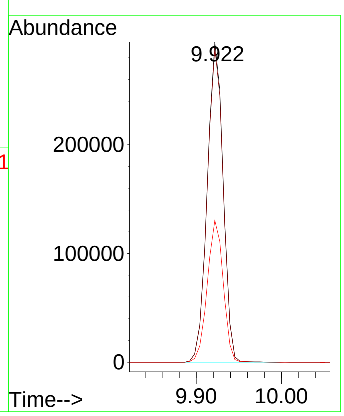




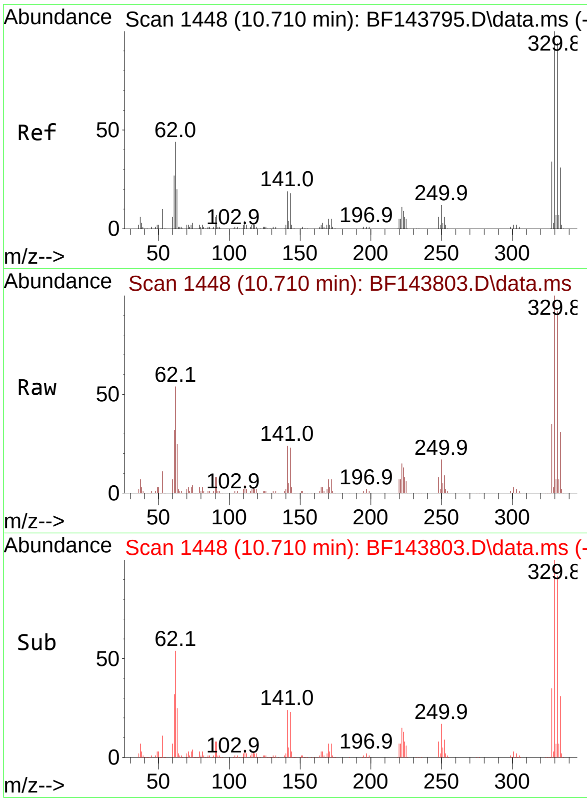
#39
Acenaphthene-d10
Concen: 40.000 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BF143803.D
Acq: 25 Sep 2025 13:46

Tgt Ion:164 Resp: 382723

Ion	Ratio	Lower	Upper
164	100		
162	98.2	78.8	118.2
160	44.3	35.8	53.6



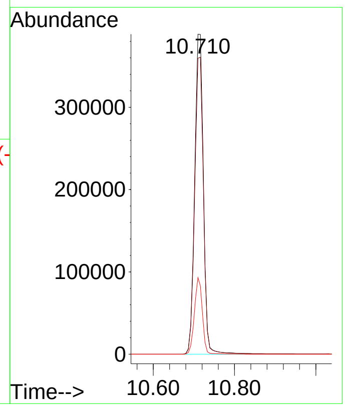
Instrument :
BNA_F
ClientSampleId :
PB169827BL

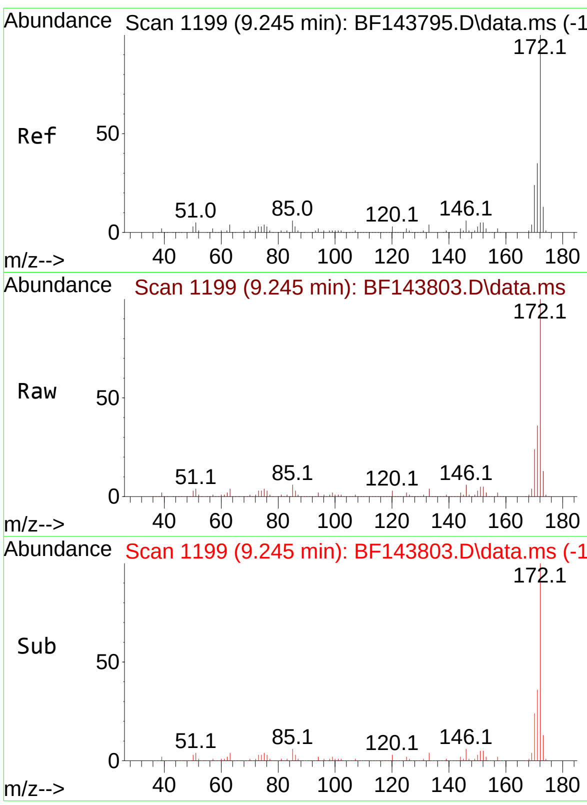


#42
2,4,6-Tribromophenol
Concen: 102.709 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143803.D
Acq: 25 Sep 2025 13:46

Tgt Ion:330 Resp: 582036

Ion	Ratio	Lower	Upper
330	100		
332	93.1	74.7	112.1
141	21.7	14.3	21.5#

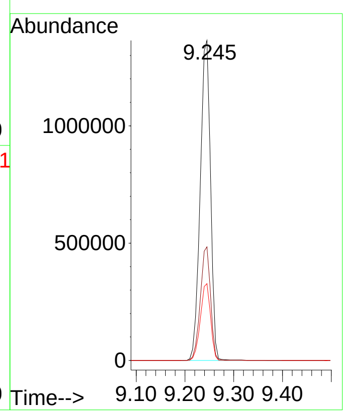




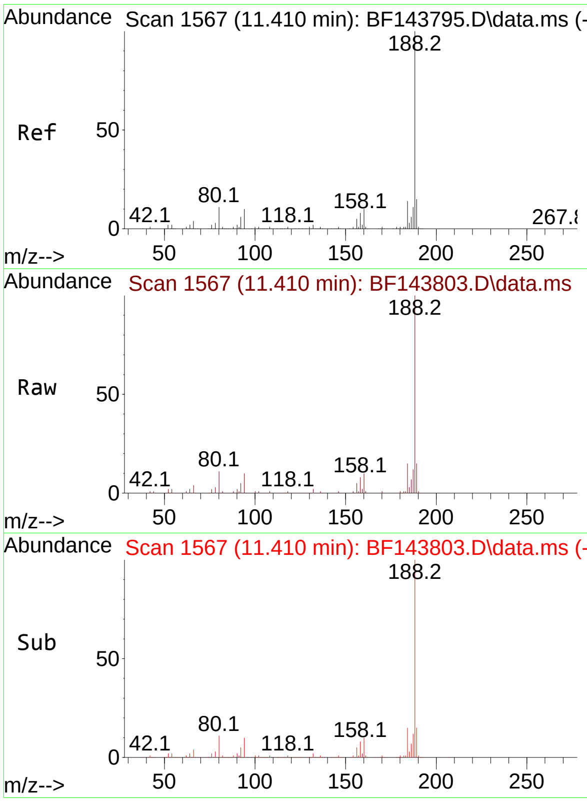
#45
2-Fluorobiphenyl
Concen: 82.340 ng
RT: 9.245 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF143803.D
Acq: 25 Sep 2025 13:46

Tgt Ion:172 Resp: 2019445

Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.9	41.9
170	24.0	19.1	28.7



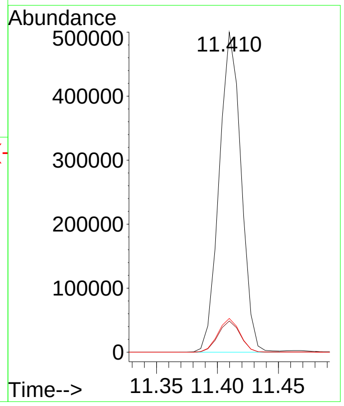
Instrument :
BNA_F
ClientSampleId :
PB169827BL

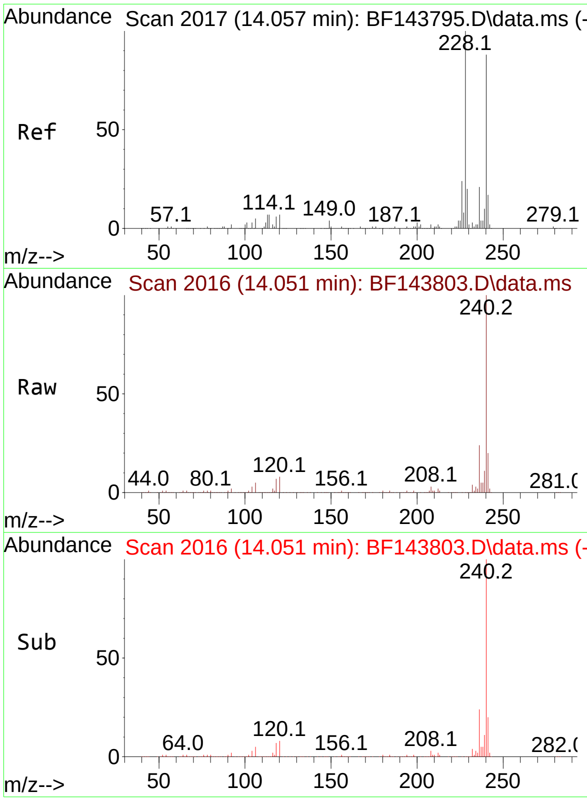


#64
Phenanthrene-d10
Concen: 40.000 ng
RT: 11.410 min Scan# 1!
Delta R.T. -0.006 min
Lab File: BF143803.D
Acq: 25 Sep 2025 13:46

Tgt Ion:188 Resp: 628340

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.2	12.2
80	10.5	8.6	12.8

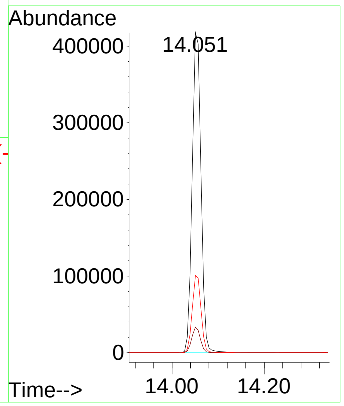




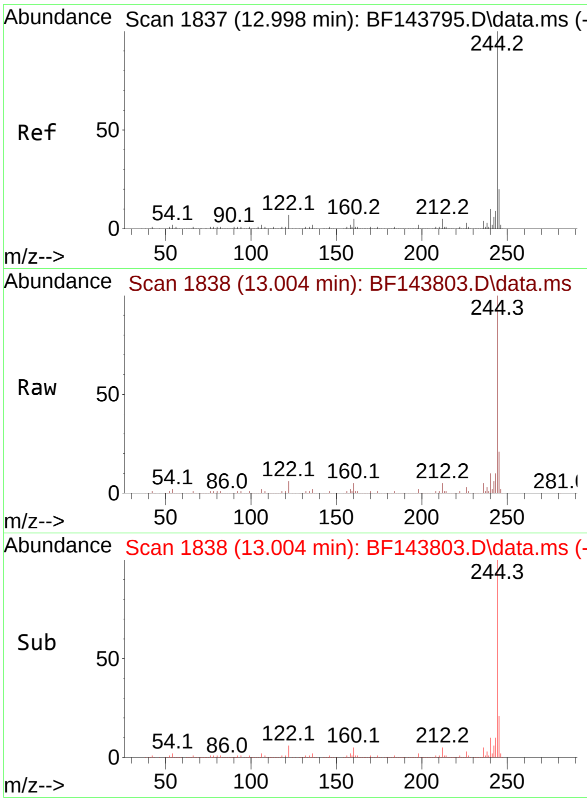
#76
Chrysene-d12
Concen: 40.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF143803.D
Acq: 25 Sep 2025 13:46

Tgt Ion:240 Resp: 557779

Ion	Ratio	Lower	Upper
240	100		
120	8.0	6.2	9.4
236	24.1	19.4	29.2



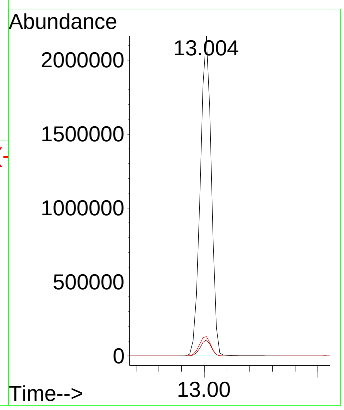
Instrument :
BNA_F
ClientSampleId :
PB169827BL

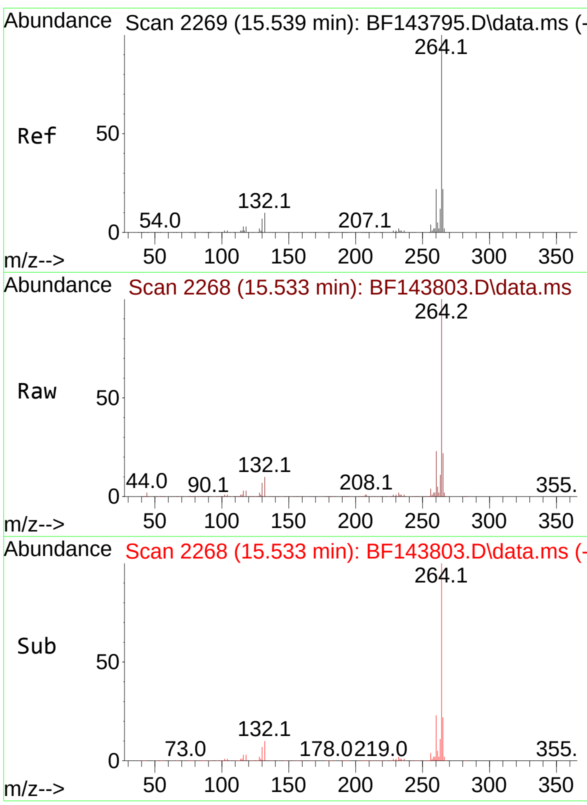


#79
Terphenyl-d14
Concen: 106.537 ng
RT: 13.004 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143803.D
Acq: 25 Sep 2025 13:46

Tgt Ion:244 Resp: 2921898

Ion	Ratio	Lower	Upper
244	100		
212	5.0	3.9	5.9
122	6.0	5.6	8.4

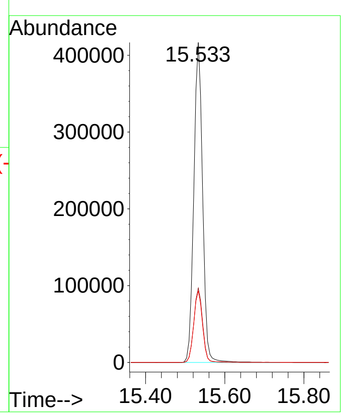




#86
Perylene-d12
Concen: 40.000 ng
RT: 15.533 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF143803.D
Acq: 25 Sep 2025 13:46

Tgt Ion:264 Resp: 642668

Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.9	26.9
265	22.3	17.7	26.5



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
Data File : BF143803.D
Acq On : 25 Sep 2025 13:46
Operator : RC/JU
Sample : PB169827BL
Misc :
ALS Vial : 3 Sample Multiplier: 2

Instrument : BNA_F
ClientSampleId : PB169827BL

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-BF092325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143803.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.240	3	8	18	rVB	92986	154508	2.29%	0.378%
2	2.346	18	26	34	rVB	93722	150611	2.23%	0.368%
3	5.122	488	498	512	rBV	536898	914544	13.56%	2.235%
4	5.510	557	564	569	rBV	3659379	5419125	80.33%	13.241%
5	6.504	726	733	738	rBV	3364653	5065556	75.09%	12.377%
6	6.887	792	798	803	rVB	883539	1143175	16.95%	2.793%
7	7.445	886	893	898	rBV	2423911	3519525	52.17%	8.600%
8	8.163	1009	1015	1022	rBV	1104868	1493847	22.14%	3.650%
9	9.245	1191	1199	1204	rBV	3921693	5807622	86.09%	14.190%
10	9.922	1308	1314	1319	rBV	1246871	1619327	24.00%	3.957%
11	10.710	1442	1448	1468	rBV	2744028	3863816	57.27%	9.441%
12	11.410	1562	1567	1574	rBV	1240095	1557563	23.09%	3.806%
13	13.004	1831	1838	1843	rBV	5007092	6746244	100.00%	16.484%
14	14.051	2011	2016	2031	rVB	998820	1336379	19.81%	3.265%
15	15.533	2261	2268	2281	rBV	936413	1501781	22.26%	3.669%
16	16.015	2345	2350	2363	rVB	41444	74774	1.11%	0.183%
17	16.539	2433	2439	2449	rVB	42194	88356	1.31%	0.216%
18	17.151	2536	2543	2546	rBV	33332	77951	1.16%	0.190%
19	17.215	2547	2554	2577	rVB2	93153	391494	5.80%	0.957%

Sum of corrected areas: 40926198

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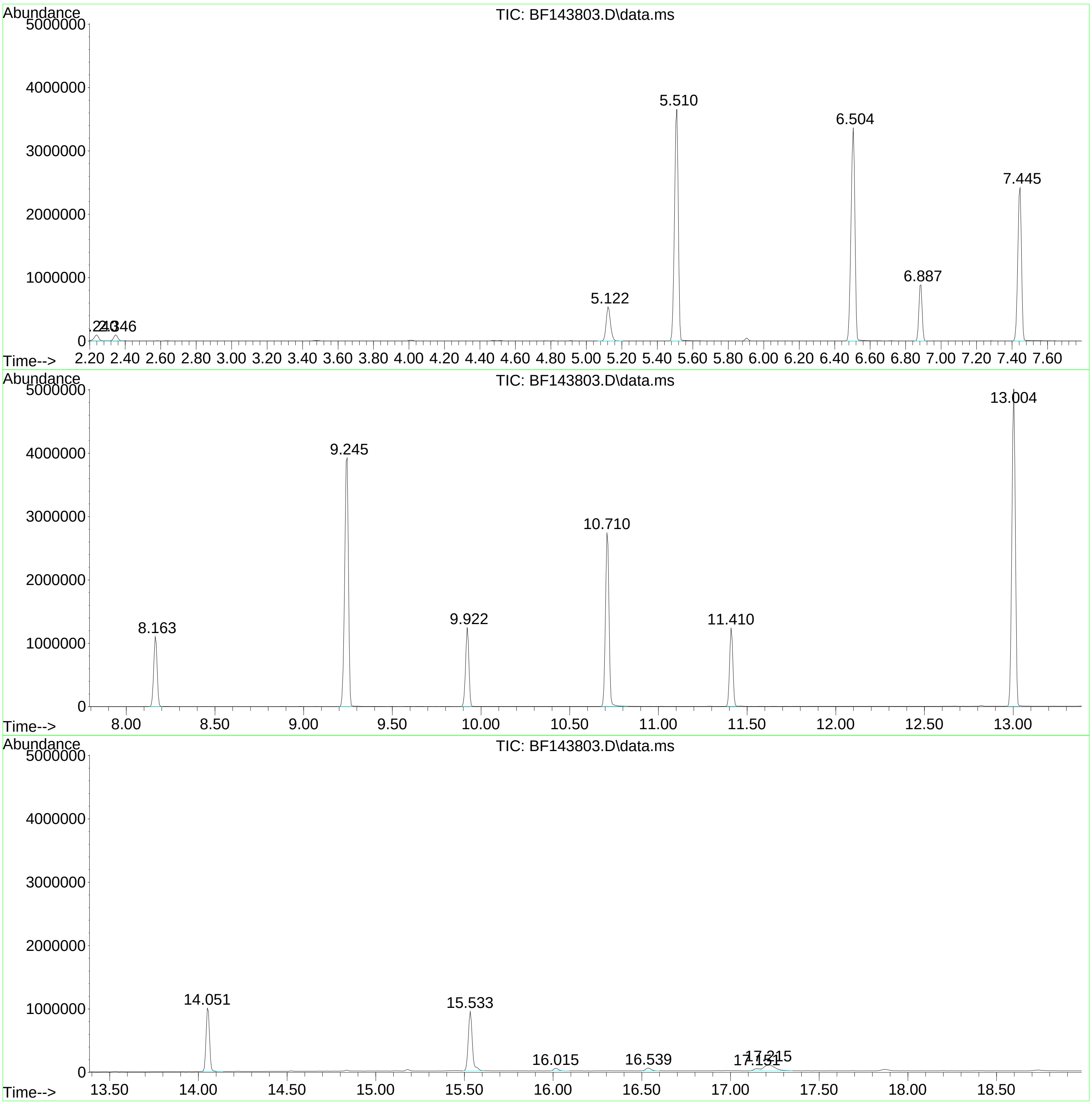
Sample Results: **BF143803.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
Data File : BF143803.D
Acq On : 25 Sep 2025 13:46
Operator : RC/JU
Sample : PB169827BL
Misc :
ALS Vial : 3 Sample Multiplier: 2

Instrument :
BNA_F
ClientSampleId :
PB169827BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

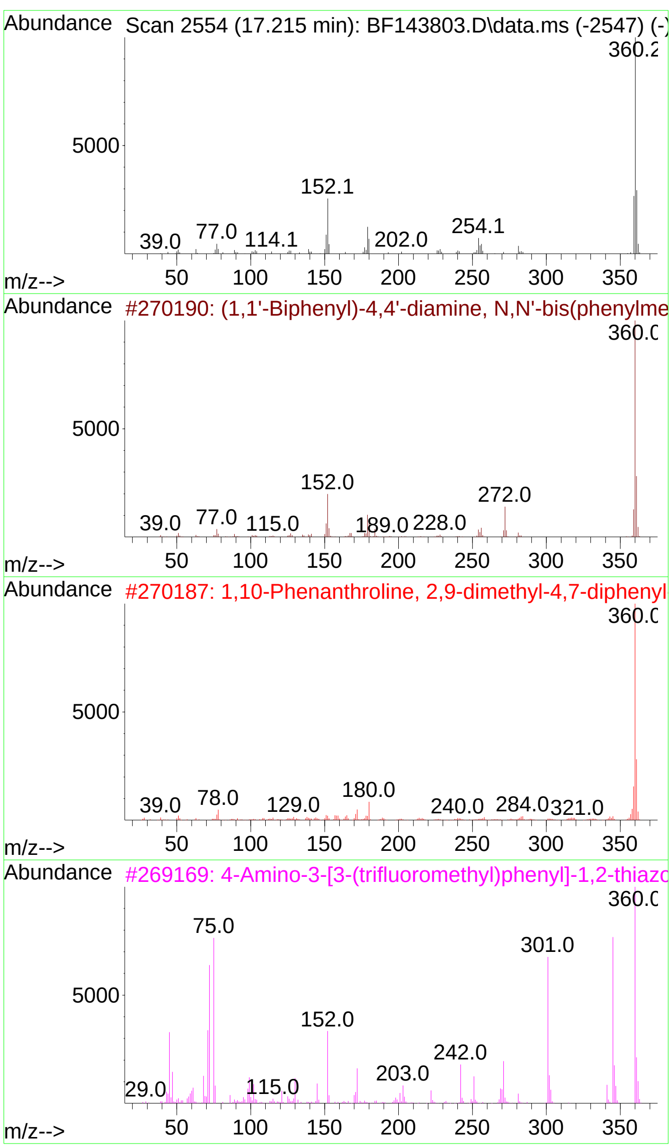
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

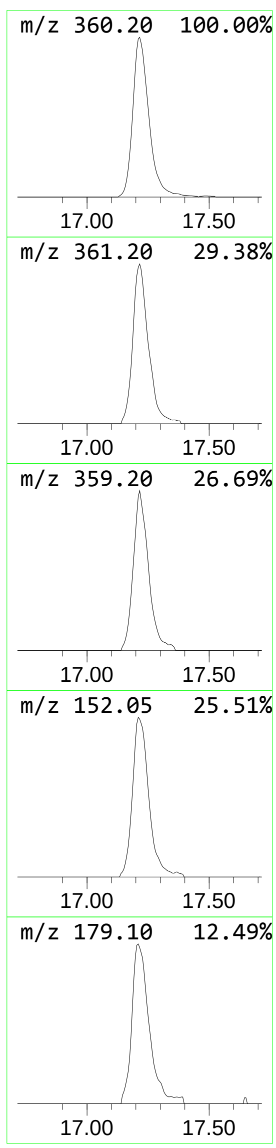


```
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
Data File : BF143803.D
Acq On    : 25 Sep 2025  13:46
Operator  : RC/JU
Sample    : PB169827BL
Misc      :
ALS Vial  : 3   Sample Multiplier: 2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Instrument : BNA_F
ClientSampleId : PB169827BL

```
*********************************************************************
Peak Number  4  (1,1'-Biphenyl)-4,4'-diamin...  Concentration Rank  2

  R.T.     EstConc          Area       Relative to ISTD         R.T.
---------------------------------------------------------------------
 17.215   10.43 ng         391494   Perylene-d12               15.533

 Hit# of  5    Tentative ID             MW  MolForm       CAS#       Qual
---------------------------------------------------------------------
 1 (1,1'-Biphenyl)-4,4'-diamine, N,... 360 C26H20N2       006311-48-4 97
 2 1,10-Phenanthroline, 2,9-dimethy... 360 C26H20N2       004733-39-5 58
 3 4-Amino-3-[3-(trifluoromethyl)ph... 360 C14H15F3N2O2SSi 1010500-98-0 53
 4 1,3,2-Dioxaborolane, bis(spiro[4... 360 C20H13BO6      1000150-23-7 53
 5 Pentacyclo[18.4.1.1(2,7).1(8,13)... 360 C28H24         101077-60-5 50
```





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
Data File : BF143803.D
Acq On : 25 Sep 2025 13:46
Operator : RC/JU
Sample : PB169827BL
Misc :
ALS Vial : 3 Sample Multiplier: 2

Instrument :
BNA_F
ClientSampleId :
PB169827BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.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
(1,1'-Biphenyl)...	17.215	10.4	ng	391494	6	15.533	1501780	20.0

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

Alliance TECHNICAL GROUP

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

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	
Project:	RFP 916	Date Received:	
Client Sample ID:	PB169827BS	SDG No.:	Q3176
Lab Sample ID:	PB169827BS	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
BF143804.D	1	09/25/25 09:25	09/25/25 14:16	PB169827

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	400		160	330	ug/Kg
108-95-2	Phenol	1400		22.1	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1400		24.3	170	ug/Kg
95-57-8	2-Chlorophenol	1400		24.4	170	ug/Kg
95-48-7	2-Methylphenol	1500		29.9	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1400		37.5	170	ug/Kg
98-86-2	Acetophenone	1400		29.5	170	ug/Kg
65794-96-9	3+4-Methylphenols	1400		41.1	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1500		47.4	79.9	ug/Kg
67-72-1	Hexachloroethane	1400		17.6	170	ug/Kg
98-95-3	Nitrobenzene	1400		18.3	170	ug/Kg
78-59-1	Isophorone	1500		32.8	170	ug/Kg
88-75-5	2-Nitrophenol	1500		58.2	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1600		64.8	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1400		30.8	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1400		28.3	170	ug/Kg
91-20-3	Naphthalene	1400		22.7	170	ug/Kg
106-47-8	4-Chloroaniline	910		35.4	170	ug/Kg
87-68-3	Hexachlorobutadiene	1400		25.3	170	ug/Kg
105-60-2	Caprolactam	1700		52.1	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500		28.7	170	ug/Kg
91-57-6	2-Methylnaphthalene	1300		25.6	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3500	E	120	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1500		19.8	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1500		29.1	170	ug/Kg
92-52-4	1,1-Biphenyl	1400		21.8	170	ug/Kg
91-58-7	2-Chloronaphthalene	1400		22.5	170	ug/Kg
88-74-4	2-Nitroaniline	1700		48.1	170	ug/Kg
131-11-3	Dimethylphthalate	1500		27.1	170	ug/Kg

Alliance TECHNICAL GROUP

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

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	
Project:	RFP 916	Date Received:	
Client Sample ID:	PB169827BS	SDG No.:	Q3176
Lab Sample ID:	PB169827BS	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
BF143804.D	1	09/25/25 09:25	09/25/25 14:16	PB169827

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	1600		28.9	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1900		33.6	170	ug/Kg
99-09-2	3-Nitroaniline	1200		46.0	170	ug/Kg
83-32-9	Acenaphthene	1500		21.3	170	ug/Kg
51-28-5	2,4-Dinitrophenol	3000	E	230	330	ug/Kg
100-02-7	4-Nitrophenol	3100	E	110	330	ug/Kg
132-64-9	Dibenzofuran	1400		22.7	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1600		50.1	170	ug/Kg
84-66-2	Diethylphthalate	1500		28.3	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1400		26.7	170	ug/Kg
86-73-7	Fluorene	1400		25.3	170	ug/Kg
100-01-6	4-Nitroaniline	1600		64.2	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1700		100	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1500		32.9	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1600		27.8	170	ug/Kg
118-74-1	Hexachlorobenzene	1500		25.3	170	ug/Kg
1912-24-9	Atrazine	1600		34.0	170	ug/Kg
87-86-5	Pentachlorophenol	3200	E	51.3	330	ug/Kg
85-01-8	Phenanthrene	1400		20.9	170	ug/Kg
120-12-7	Anthracene	1500		33.3	170	ug/Kg
86-74-8	Carbazole	1500		31.2	170	ug/Kg
84-74-2	Di-n-butylphthalate	1600		47.9	170	ug/Kg
206-44-0	Fluoranthene	1400		30.0	170	ug/Kg
129-00-0	Pyrene	1600		36.0	170	ug/Kg
85-68-7	Butylbenzylphthalate	1800		71.4	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1200		36.7	330	ug/Kg
56-55-3	Benzo(a)anthracene	1400		23.0	170	ug/Kg
218-01-9	Chrysene	1500		19.9	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1600		59.2	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1600		86.7	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1700		19.0	170	ug/Kg

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

Alliance TECHNICAL GROUP

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

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:		
Project:	RFP 916		Date Received:		
Client Sample ID:	PB169827BS		SDG No.:	Q3176	
Lab Sample ID:	PB169827BS		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
BF143804.D	1	09/25/25 09:25	09/25/25 14:16	PB169827

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	1600		22.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	1700		29.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600		29.1	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1600		27.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1700		25.7	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1400		25.6	170	ug/Kg
123-91-1	1,4-Dioxane	1200		45.2	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1800		27.4	170	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	111		18 - 112	74%	SPK: 150
13127-88-3	Phenol-d6	113		15 - 107	76%	SPK: 150
4165-60-0	Nitrobenzene-d5	84.3		18 - 107	84%	SPK: 100
321-60-8	2-Fluorobiphenyl	80.8		20 - 109	81%	SPK: 100
118-79-6	2,4,6-Tribromophenol	110		10 - 116	73%	SPK: 150
1718-51-0	Terphenyl-d14	92.4		10 - 105	92%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	155000	6.886			
1146-65-2	Naphthalene-d8	586000	8.169			
15067-26-2	Acenaphthene-d10	295000	9.927			
1517-22-2	Phenanthrene-d10	455000	11.416			
1719-03-5	Chrysene-d12	452000	14.057			
1520-96-3	Perylene-d12	566000	15.533			

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\BF092525\
Data File : BF143804.D
Acq On    : 25 Sep 2025  14:16
Operator  : RC/JU
Sample    : PB169827BS
Misc      :
ALS Vial  : 4   Sample Multiplier: 1

Quant Time: Sep 25 14:57:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 05:00:00 2025
Response via : Initial Calibration
```

Instrument :
BNA_F
ClientSampleId :
PB169827BS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 09/26/2025
Supervised By :Jagrut Upadhyay 09/26/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	154944	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	586166	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	295245	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	455131	20.000	ng	0.00
76) Chrysene-d12	14.057	240	452412	20.000	ng	0.00
86) Perylene-d12	15.533	264	566269	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1062005	111.359	ng	0.01
7) Phenol-d6	6.510	99	1250023	113.441	ng	0.00
23) Nitrobenzene-d5	7.445	82	806781	84.250	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	479746	109.742	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1528950	80.812	ng	0.00
79) Terphenyl-d14	12.998	244	2056205	92.433	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.740	88	165532	36.264	ng	100
3) Pyridine	3.493	79	455308	36.952	ng	99
4) n-Nitrosodimethylamine	3.446	42	277819	44.967	ng	95
6) Aniline	6.545	93	516079	32.269	ng	99
8) 2-Chlorophenol	6.669	128	417322	42.745	ng	99
9) Benzaldehyde	6.434	77	115635	11.983	ng	98
10) Phenol	6.522	94	532940m	41.610	ng	
11) bis(2-Chloroethyl)ether	6.622	93	435170	43.344	ng	99
12) 1,3-Dichlorobenzene	6.828	146	479427	42.294	ng	100
13) 1,4-Dichlorobenzene	6.904	146	482234	42.628	ng	99
14) 1,2-Dichlorobenzene	7.057	146	466826	43.571	ng	100
15) Benzyl Alcohol	7.022	79	370645	46.552	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1020007	42.844	ng	99
17) 2-Methylphenol	7.134	107	333152	44.076	ng	99
18) Hexachloroethane	7.398	117	169392	42.578	ng	98
19) n-Nitroso-di-n-propyla...	7.298	70	314780	44.424	ng	98
20) 3+4-Methylphenols	7.281	107	390864	42.463	ng	96
22) Acetophenone	7.292	105	555882	43.177	ng	98
24) Nitrobenzene	7.469	77	455128	42.879	ng	97
25) Isophorone	7.704	82	851108	45.610	ng	100
26) 2-Nitrophenol	7.781	139	194232	44.766	ng	98
27) 2,4-Dimethylphenol	7.816	122	389964	46.755	ng	100
28) bis(2-Chloroethoxy)met...	7.916	93	520514	42.933	ng	99
29) 2,4-Dichlorophenol	8.022	162	350565	42.716	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	383033	44.973	ng	100
31) Naphthalene	8.192	128	1162906	41.443	ng	100
32) Benzoic acid	7.916	122	210549m	52.321	ng	
33) 4-Chloroaniline	8.233	127	270444	27.426	ng	99
34) Hexachlorobutadiene	8.310	225	275769	43.434	ng	99
35) Caprolactam	8.592	113	104193m	49.671	ng	
36) 4-Chloro-3-methylphenol	8.710	107	339654	44.128	ng	99
37) 2-Methylnaphthalene	8.880	142	694046	38.789	ng	100
38) 1-Methylnaphthalene	8.980	142	715322	41.768	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	368894	41.402	ng	99
41) Hexachlorocyclopentadiene	9.033	237	593049	105.022	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	254202	45.563	ng	99

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
Data File : BF143804.D
Acq On   : 25 Sep 2025 14:16
Operator : RC/JU
Sample   : PB169827BS
Misc   :
ALS Vial : 4   Sample Multiplier: 1

Quant Time: Sep 25 14:57:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 05:00:00 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB169827BS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli   09/26/2025
Supervised By :Jagrut Upadhyay   09/26/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	259825	44.524	ng		99
46) 1,1'-Biphenyl	9.345	154	913939	42.764	ng		99
47) 2-Chloronaphthalene	9.369	162	720777	41.897	ng		99
48) 2-Nitroaniline	9.463	65	258937	49.800	ng		99
49) Acenaphthylene	9.786	152	1127108	47.592	ng		100
50) Dimethylphthalate	9.645	163	813768	45.221	ng		100
51) 2,6-Dinitrotoluene	9.704	165	167208	56.554	ng		98
52) Acenaphthene	9.963	154	698991	44.850	ng		98
53) 3-Nitroaniline	9.875	138	128649	35.898	ng		100
54) 2,4-Dinitrophenol	9.980	184	123010	90.006	ng	#	24
55) Dibenzofuran	10.133	168	947951	43.014	ng		100
56) 4-Nitrophenol	10.027	139	269066	93.169	ng		93
57) 2,4-Dinitrotoluene	10.110	165	214946	48.920	ng		99
58) Fluorene	10.475	166	699412	42.689	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	262852	52.578	ng		97
60) Diethylphthalate	10.345	149	767269	45.548	ng		99
61) 4-Chlorophenyl-phenyle...	10.469	204	360668	43.204	ng		97
62) 4-Nitroaniline	10.486	138	164334	48.768	ng		100
63) Azobenzene	10.627	77	797009	44.894	ng		100
65) 4,6-Dinitro-2-methylph...	10.516	198	87321	51.358	ng		92
66) n-Nitrosodiphenylamine	10.586	169	671478	44.861	ng		100
67) 4-Bromophenyl-phenylether	10.957	248	364447	46.988	ng		99
68) Hexachlorobenzene	11.022	284	491991	46.029	ng		99
69) Atrazine	11.110	200	203198	46.880	ng		98
70) Pentachlorophenol	11.216	266	517265	97.219	ng		99
71) Phenanthrene	11.439	178	1015112	43.443	ng		99
72) Anthracene	11.492	178	1029676	43.931	ng		99
73) Carbazole	11.645	167	894842	43.666	ng		99
74) Di-n-butylphthalate	11.974	149	1105559	46.909	ng		100
75) Fluoranthene	12.627	202	1022236	43.497	ng		99
77) Benzidine	12.751	184	299235	27.143	ng		99
78) Pyrene	12.857	202	1049427	47.181	ng		100
80) Butylbenzylphthalate	13.474	149	407004	52.890	ng		98
81) Benzo(a)anthracene	14.045	228	1048353	43.134	ng		100
82) 3,3'-Dichlorobenzidine	14.010	252	372315	35.360	ng		100
83) Chrysene	14.086	228	1015236	46.164	ng		99
84) Bis(2-ethylhexyl)phtha...	14.033	149	543078	48.147	ng		99
85) Di-n-octyl phthalate	14.651	149	957348	46.790	ng		98
87) Indeno(1,2,3-cd)pyrene	17.033	276	2058670	47.915	ng		100
88) Benzo(b)fluoranthene	15.104	252	1487418	51.580	ng		100
89) Benzo(k)fluoranthene	15.133	252	1396964	48.218	ng		100
90) Benzo(a)pyrene	15.474	252	1396443	51.517	ng		100
91) Dibenzo(a,h)anthracene	17.051	278	1728792	49.195	ng		99
92) Benzo(g,h,i)perylene	17.486	276	1694904	50.033	ng		100

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

Quantitation Report (QT Reviewed)

Sample Results: **BF143804.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
Data File : BF143804.D
Acq On : 25 Sep 2025 14:16
Operator : RC/JU
Sample : PB169827BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

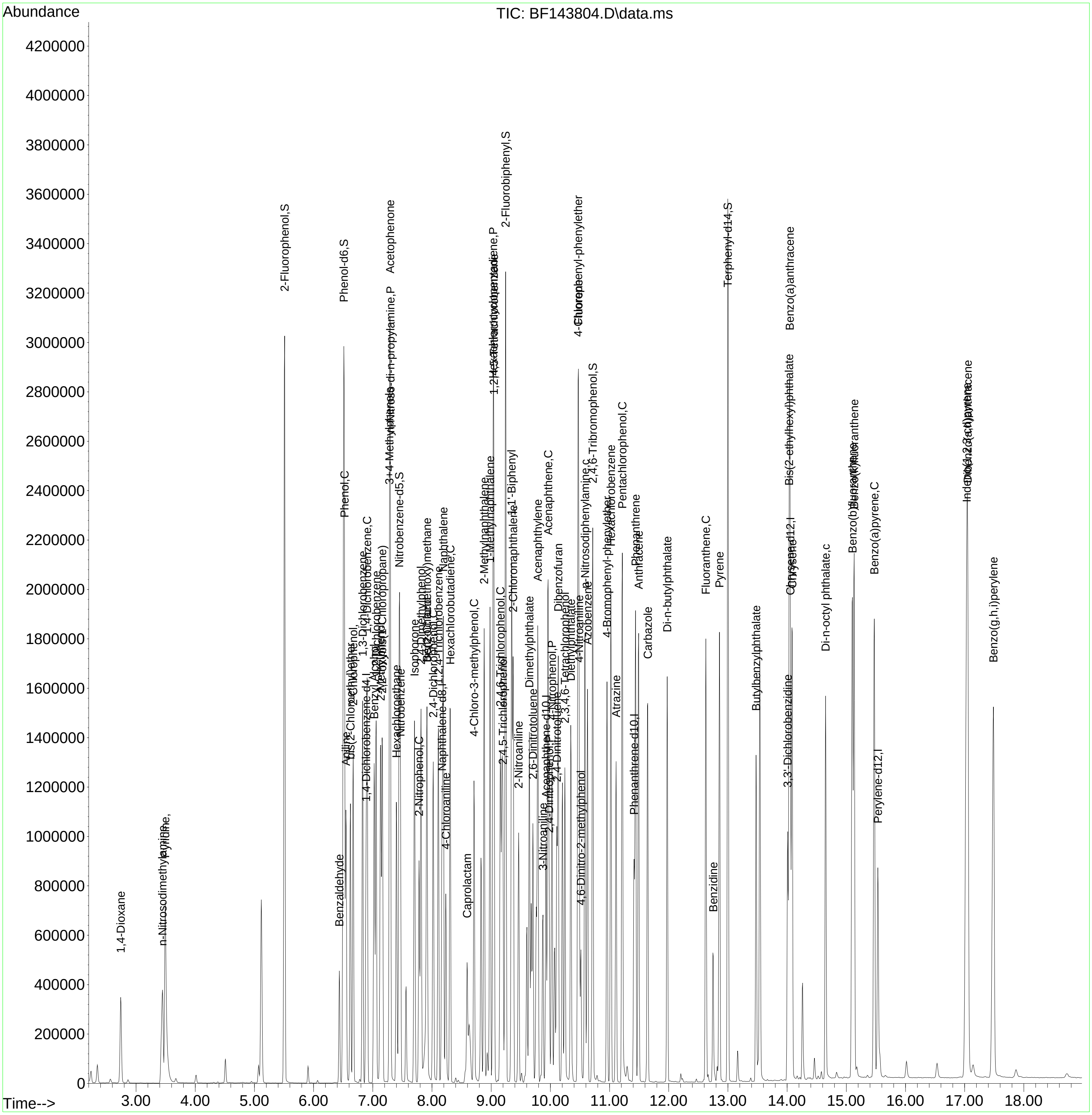
Quant Time: Sep 25 14:57:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 05:00:00 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB169827BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/26/2025
Supervised By :Jagrut Upadhyay 09/26/2025

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18



Instrument :
BNA_F
ClientSampleId :
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Manual Integrations
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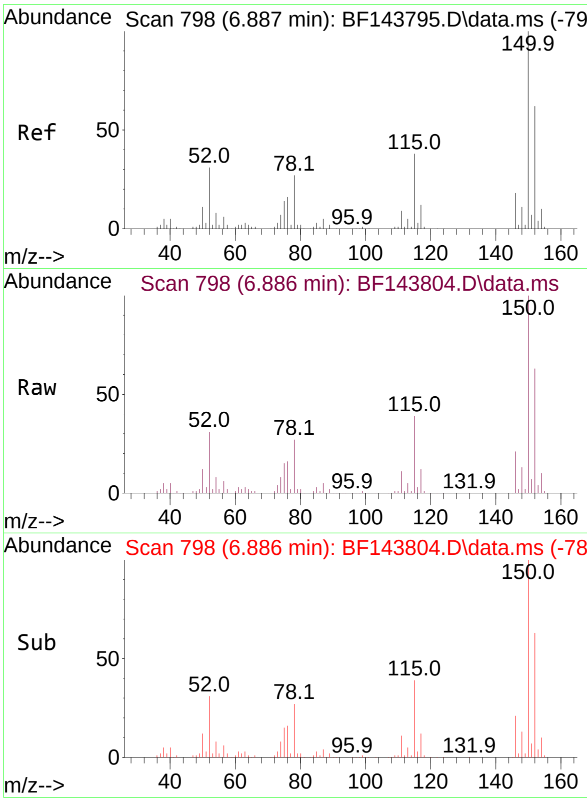
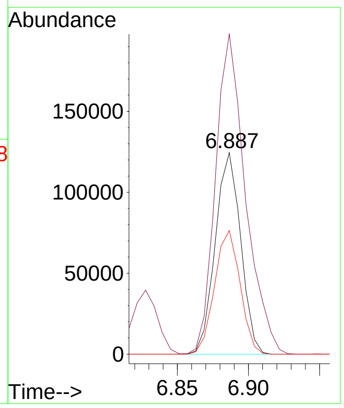
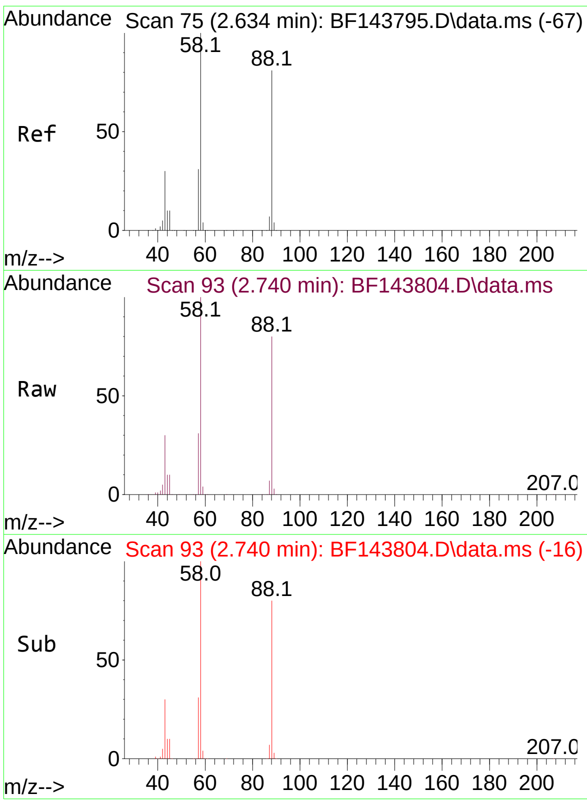


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion:152 Resp: 15494

Ion	Ratio	Lower	Upper
152	100		
150	158.9	129.6	194.4
115	61.4	49.0	73.4

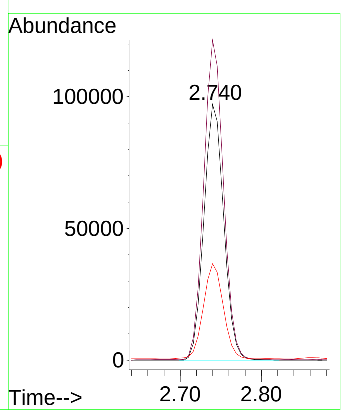




#2
1,4-Dioxane
Concen: 36.264 ng
RT: 2.740 min Scan# 93
Delta R.T. 0.106 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion: 88 Resp: 165532

Ion	Ratio	Lower	Upper
88	100		
58	124.1	99.4	149.2
43	37.3	30.6	45.8



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

Instrument :
BNA_F
ClientSampleId :
PB169827BS

Manual Integrations
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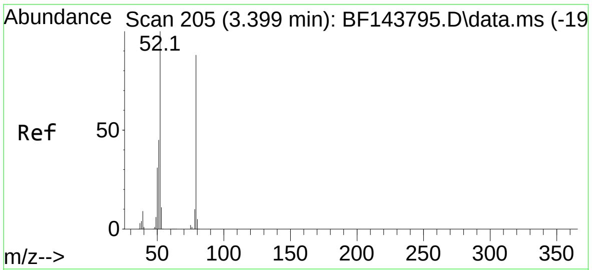
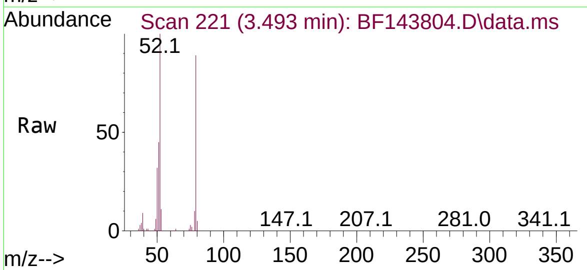
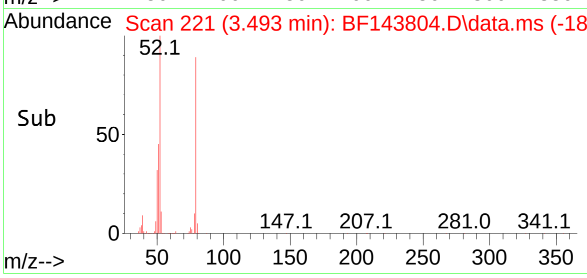


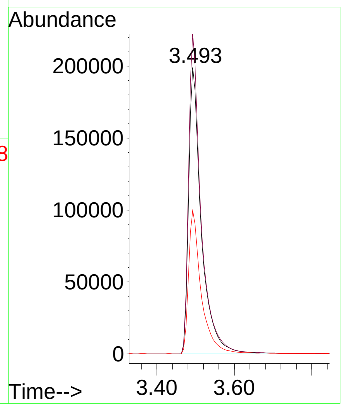


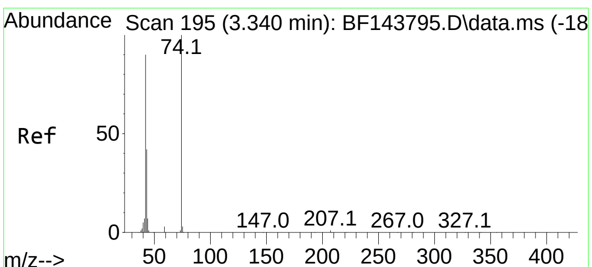


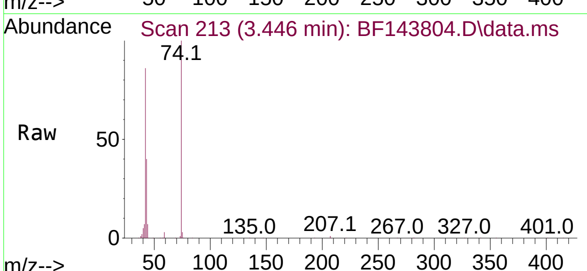
#3
Pyridine
Concen: 36.952 ng
RT: 3.493 min Scan# 2
Delta R.T. 0.094 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

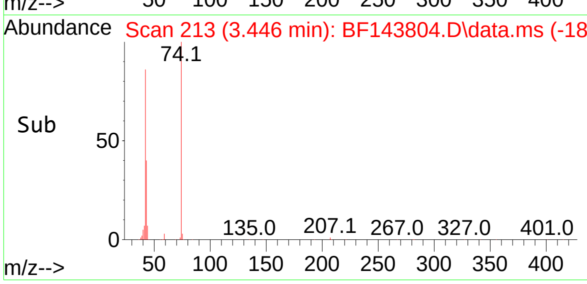
Tgt Ion: 79 Resp: 455308

Ion	Ratio	Lower	Upper
79	100		
52	111.7	90.5	135.7
51	50.0	40.6	61.0





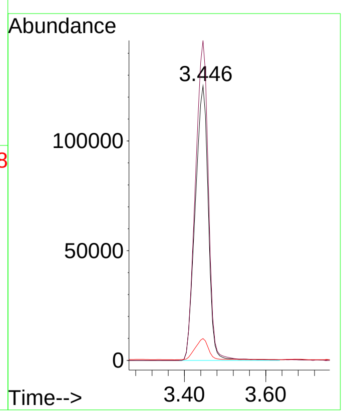




#4
n-Nitrosodimethylamine
Concen: 44.967 ng
RT: 3.446 min Scan# 213
Delta R.T. 0.088 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion: 42 Resp: 277819

Ion	Ratio	Lower	Upper
42	100		
74	116.6	89.1	133.7
44	8.0	6.4	9.6



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

Instrument :
BNA_F
ClientSampleId :
PB169827BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/26/2025
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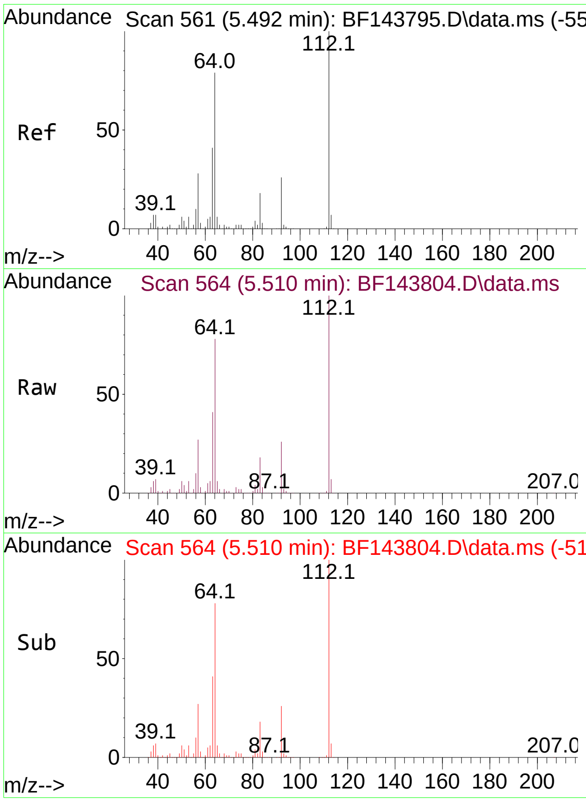
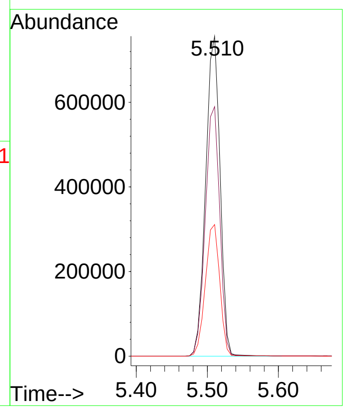
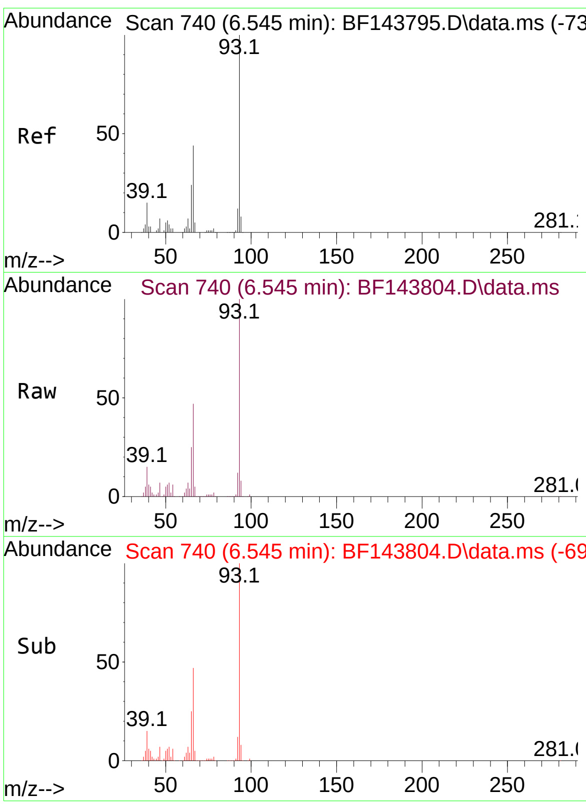
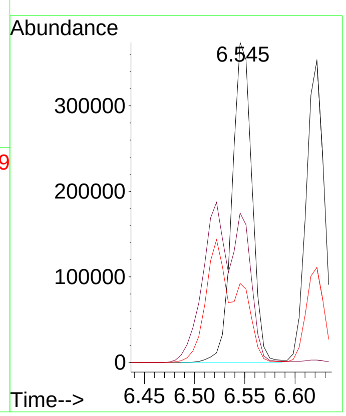



```
#5
2-Fluorophenol
Concen:  111.359 ng
RT:    5.510 min   Scan# 56
Delta R.T.  0.012 min
Lab File:    BF143804.D
Acq: 25 Sep 2025   14:16

Tgt Ion:112 Resp: 106200
Ion   Ratio   Lower   Upper
112   100
 64    78.0    63.0    94.4
 63    41.1    32.6    49.0
```






```
#6
Aniline
Concen:   32.269 ng
RT:    6.545 min   Scan# 740
Delta R.T.  -0.006 min
Lab File:    BF143804.D
Acq: 25 Sep 2025   14:16

Tgt Ion: 93 Resp:  516079
Ion   Ratio   Lower   Upper
 93   100
 66    46.7    37.1    55.7
 65    24.7    19.4    29.0
```



Instrument :
BNA_F
ClientSampleId :
PB169827BS

Manual Integrations APPROVED

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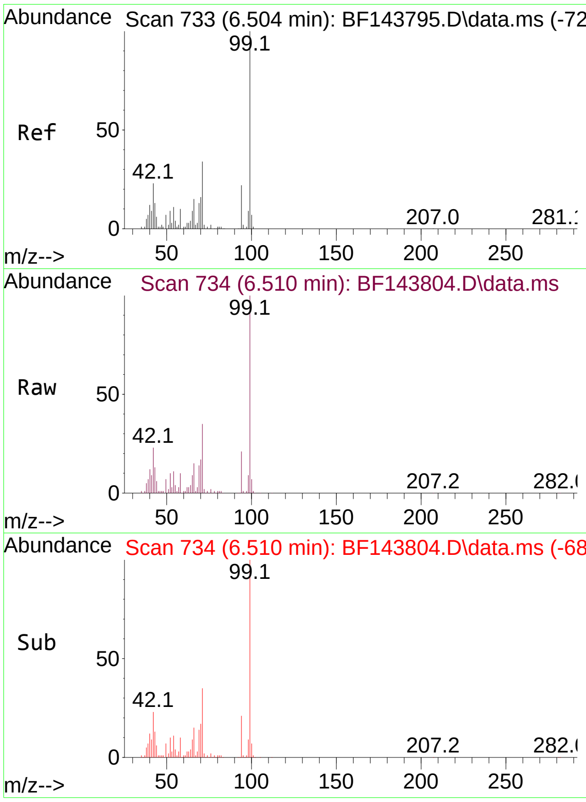
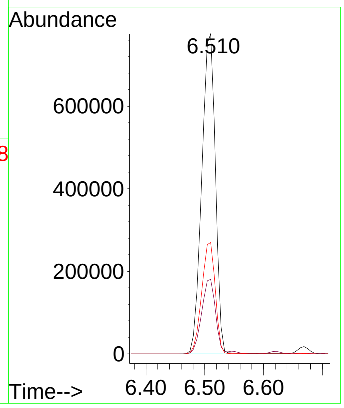
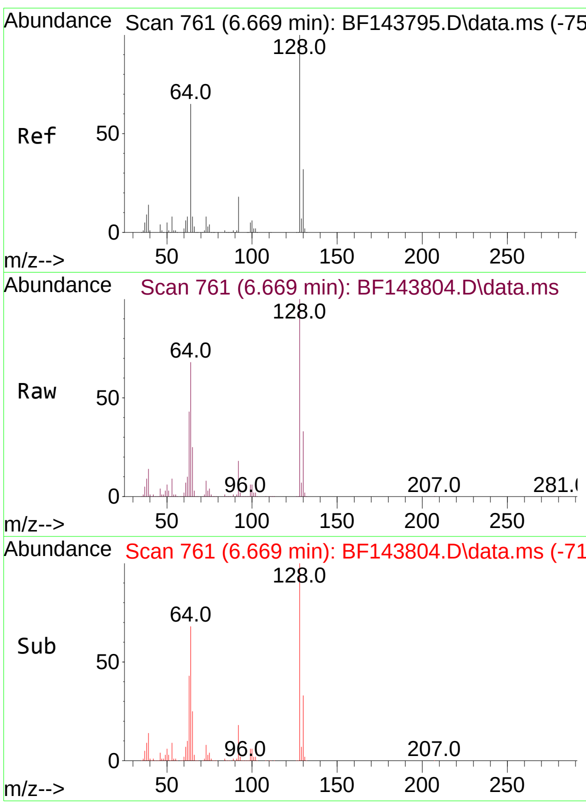


#7
Phenol-d6
Concen: 113.441 ng
RT: 6.510 min Scan# 73
Delta R.T. 0.000 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion: 99 Resp: 125002

Ion	Ratio	Lower	Upper
99	100		
42	23.3	18.6	28.0
71	34.8	27.0	40.4

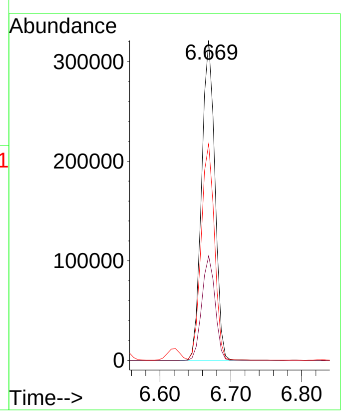




#8
2-Chlorophenol
Concen: 42.745 ng
RT: 6.669 min Scan# 761
Delta R.T. -0.000 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion:128 Resp: 417322

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.2	52.2
64	67.7	46.5	86.5



Instrument :
BNA_F
ClientSampleId :
PB169827BS

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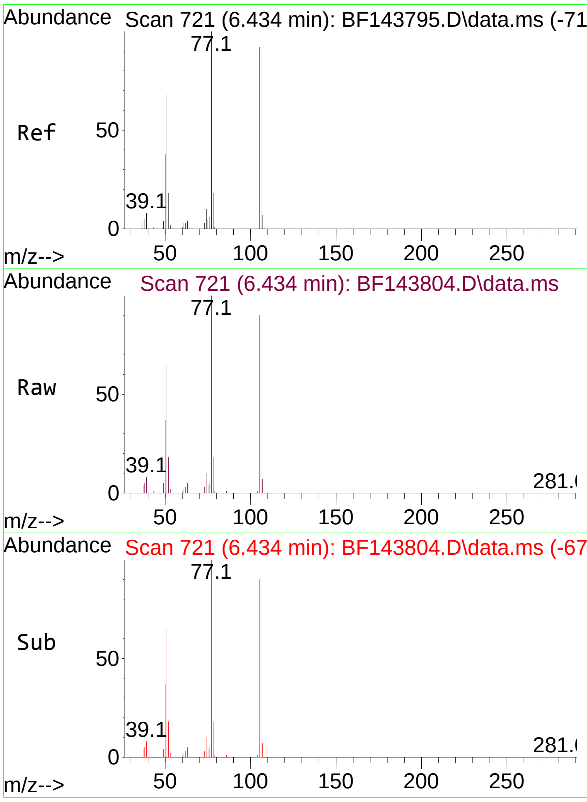
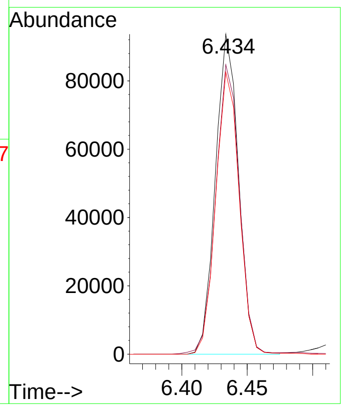
Reviewed By :Rahul Chavli 09/26/2025
Supervised By :Jagrut Upadhyay 09/26/2025

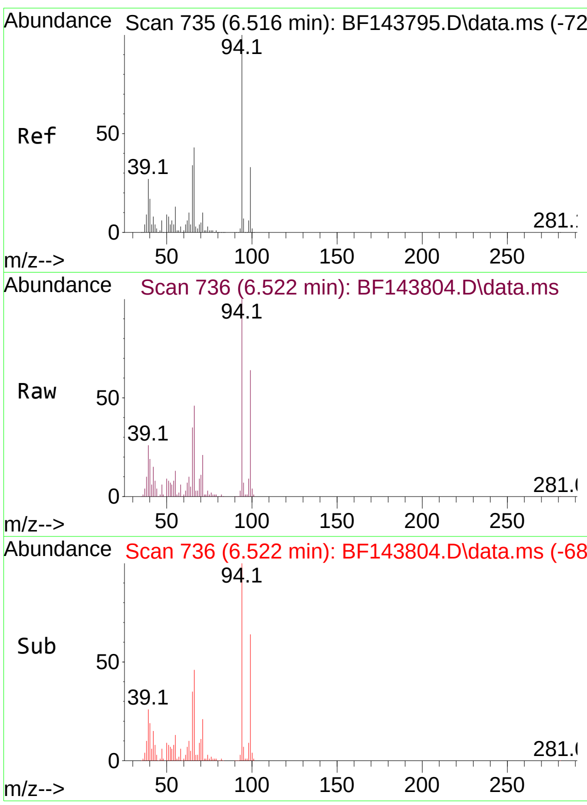


#9
Benzaldehyde
Concen: 11.983 ng
RT: 6.434 min Scan# 72
Delta R.T. -0.006 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion: 77 Resp: 115635

Ion	Ratio	Lower	Upper
77	100		
105	90.4	71.8	111.8
106	88.1	69.8	109.8

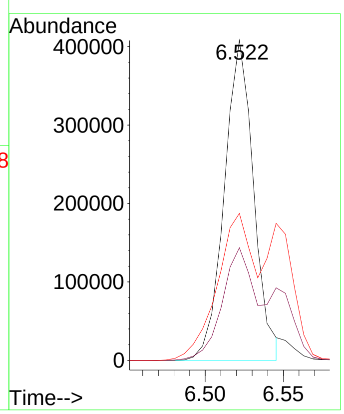


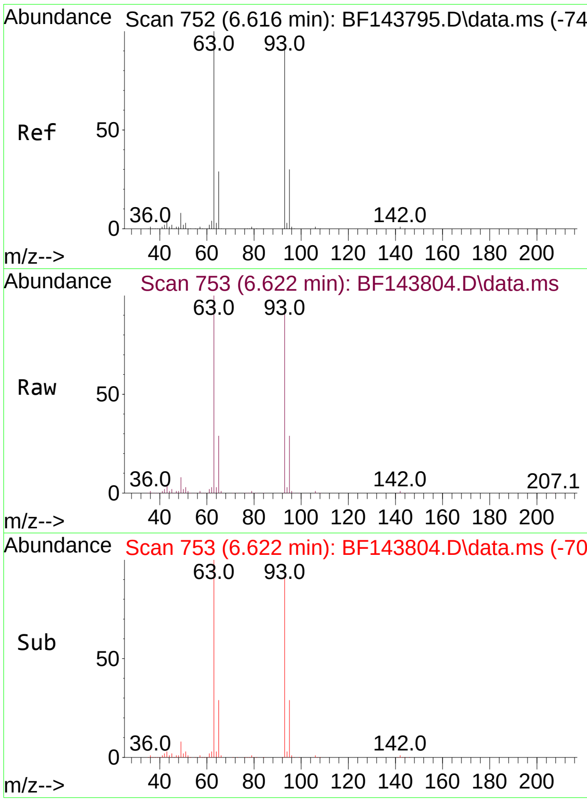


#10
Phenol
Concen: 41.610 ng m
RT: 6.522 min Scan# 736
Delta R.T. -0.006 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion: 94 Resp: 532940

Ion	Ratio	Lower	Upper
94	100		
65	35.2	14.2	54.2
66	45.9	24.1	64.1

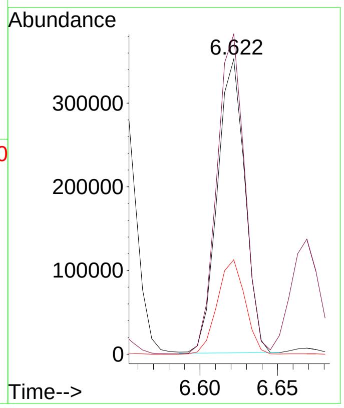




#11
bis(2-Chloroethyl)ether
Concen: 43.344 ng
RT: 6.622 min Scan# 75
Delta R.T. -0.000 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion: 93 Resp: 43517

Ion	Ratio	Lower	Upper
93	100		
63	108.5	89.2	129.2
95	32.0	12.9	52.9



Instrument :
BNA_F
ClientSampleId :
PB169827BS

Manual Integrations APPROVED

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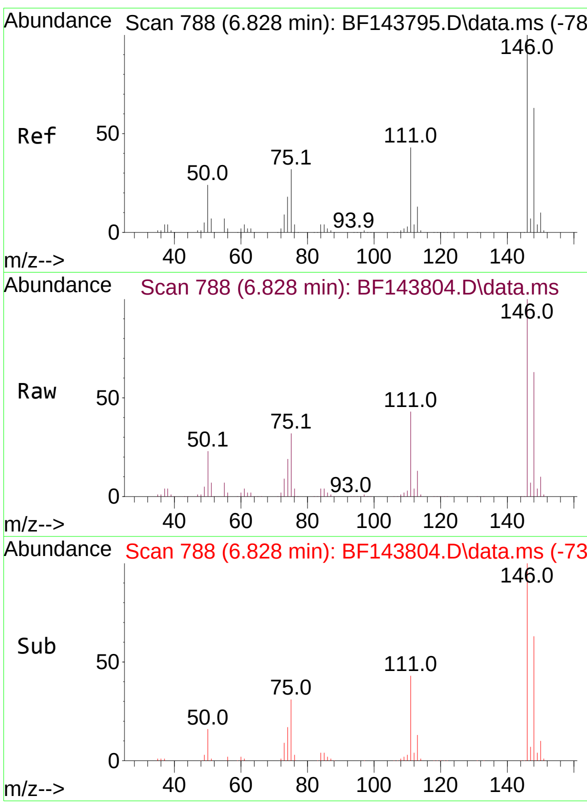
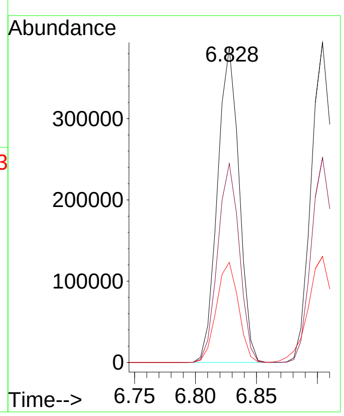
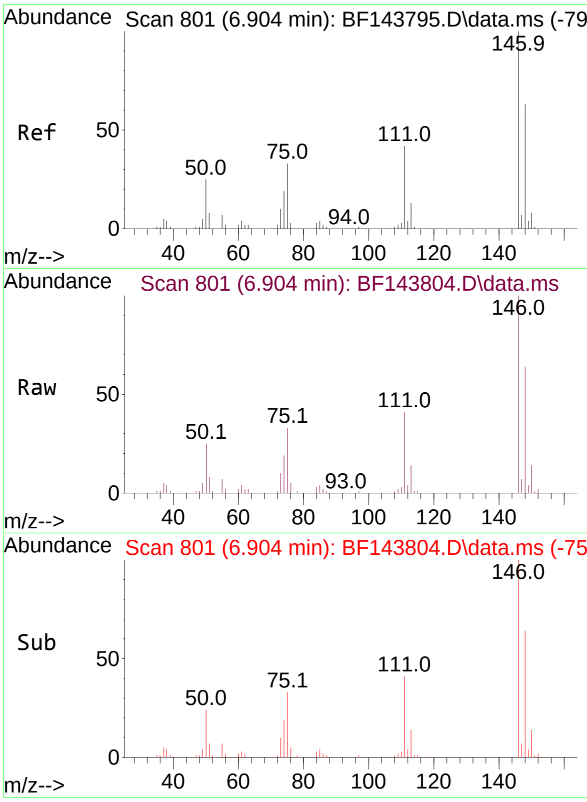


#12
1,3-Dichlorobenzene
Concen: 42.294 ng
RT: 6.828 min Scan# 788
Delta R.T. -0.000 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion:146 Resp: 479427

Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.4	75.6
75	31.8	25.6	38.4

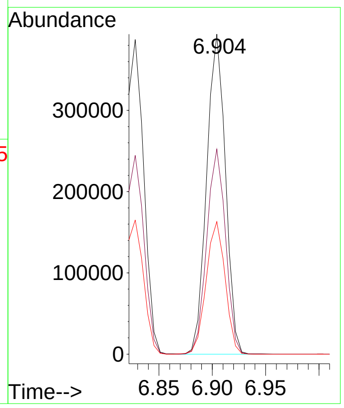




#13
1,4-Dichlorobenzene
Concen: 42.628 ng
RT: 6.904 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion:146 Resp: 48223

Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.7	76.1
111	41.4	33.4	50.2



Instrument :
BNA_F
ClientSampleId :
PB169827BS

Manual Integrations APPROVED

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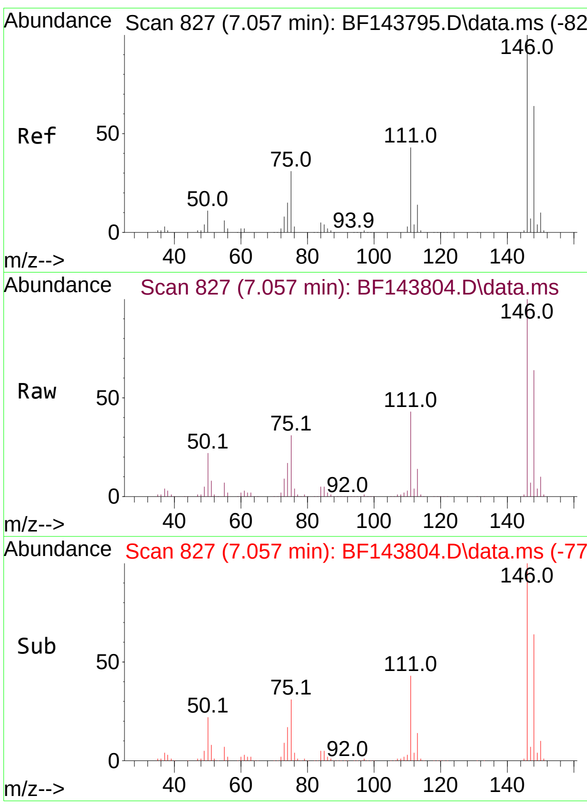
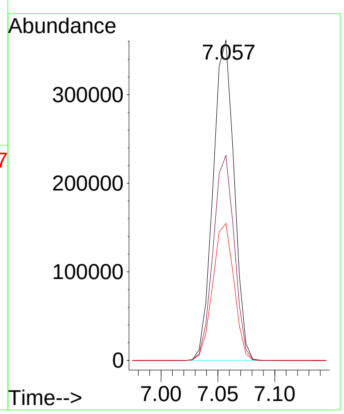


#14
1,2-Dichlorobenzene
Concen: 43.571 ng
RT: 7.057 min Scan# 827
Delta R.T. -0.000 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion:146 Resp: 466826

Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.1	76.7
111	42.8	34.3	51.5



Instrument :
BNA_F
ClientSampleId :
PB169827BS

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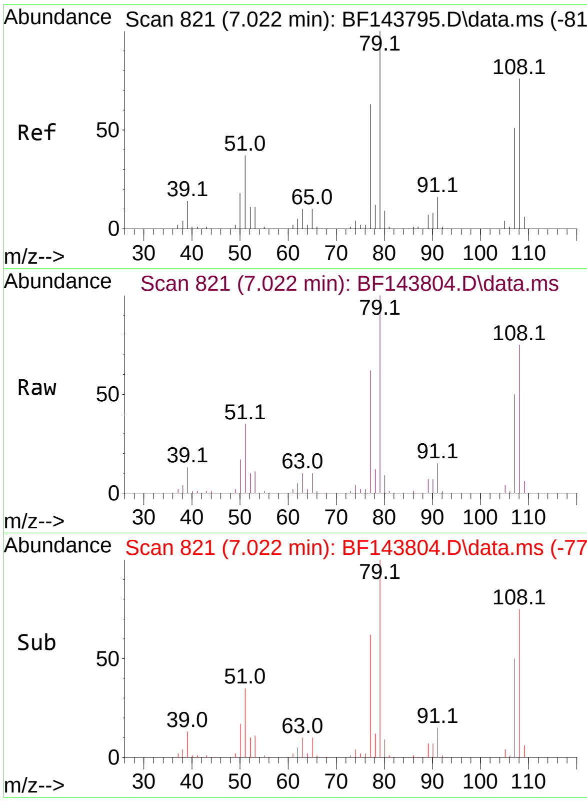
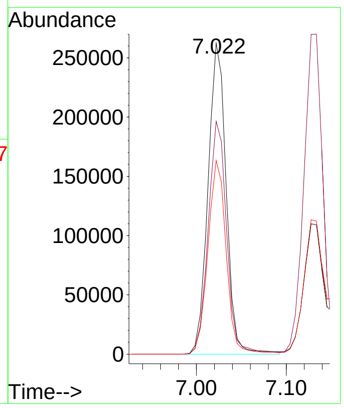
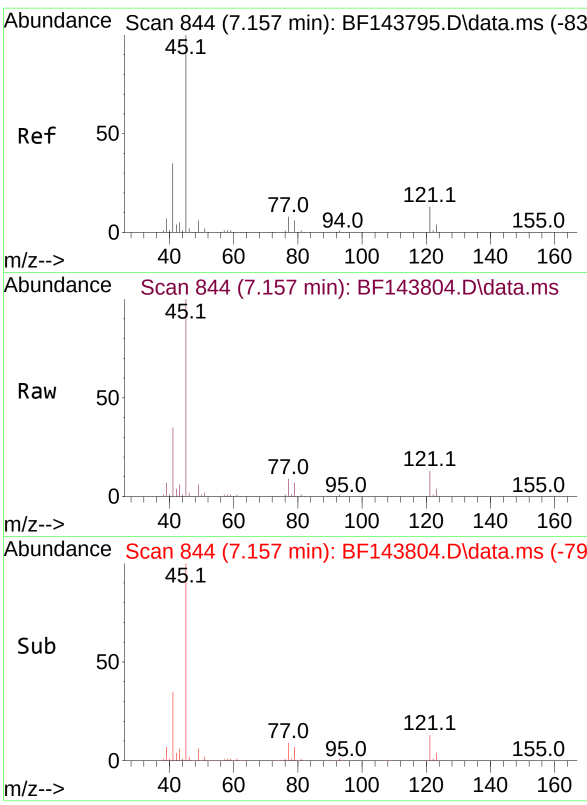
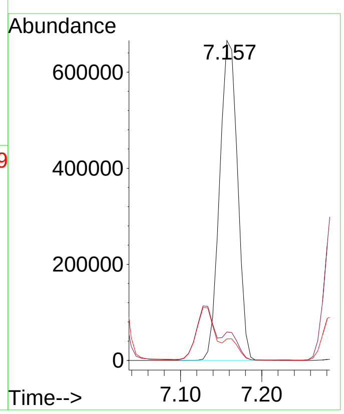



```
#15
Benzyl Alcohol
Concen:    46.552 ng
RT:    7.022 min   Scan# 82
Delta R.T.   -0.006 min
Lab File:    BF143804.D
Acq: 25 Sep 2025   14:16

Tgt Ion: 79 Resp:  37064
Ion   Ratio   Lower   Upper
 79   100
108    74.8    60.5    90.7
 77    62.3    50.3    75.5
```






```
#16
2,2'-oxybis(1-Chloropropane)
Concen:    42.844 ng
RT:    7.157 min   Scan# 844
Delta R.T.   -0.000 min
Lab File:    BF143804.D
Acq: 25 Sep 2025   14:16

Tgt Ion: 45 Resp: 1020007
Ion   Ratio   Lower   Upper
 45   100
 77     8.9     0.0    28.5
 79     6.7     0.0    26.3
```



Instrument :
BNA_F
ClientSampleId :
PB169827BS

Manual Integrations
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Reviewed By :Rahul Chavli 09/26/2025
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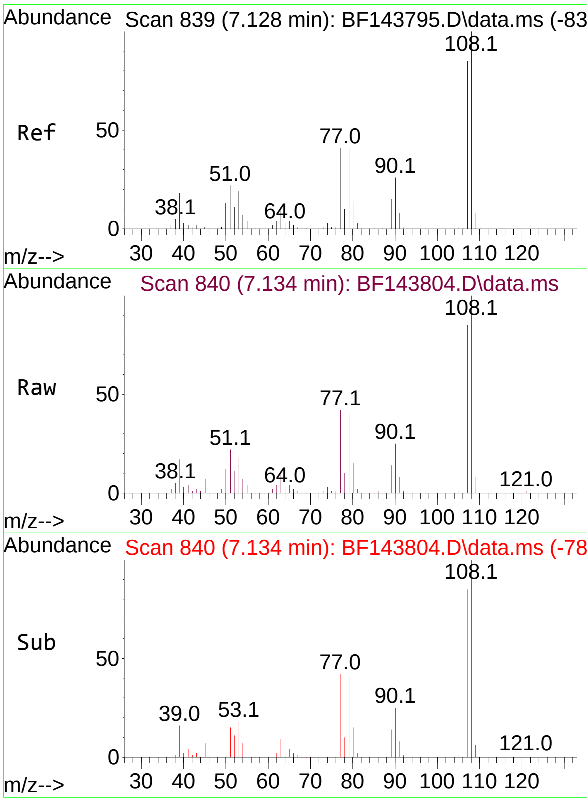
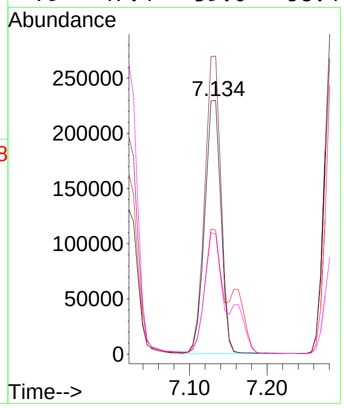
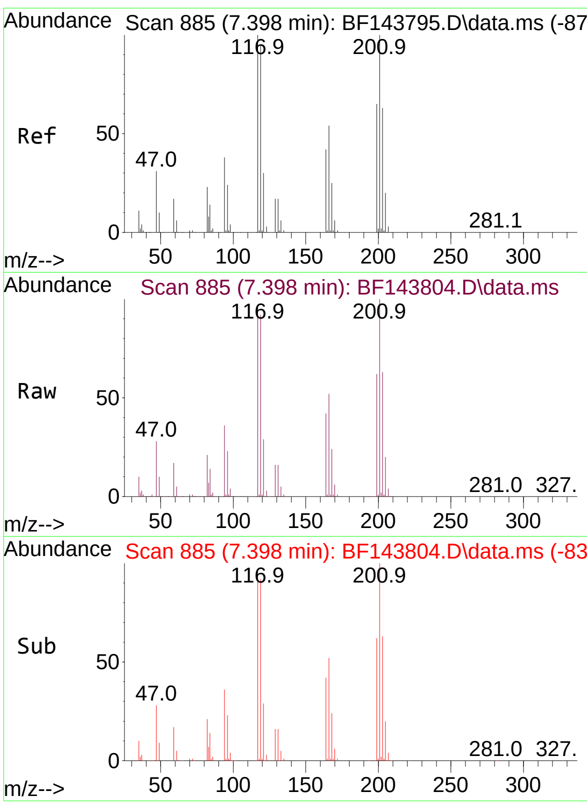


#17
2-Methylphenol
Concen: 44.076 ng
RT: 7.134 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion:107 Resp: 33315

Ion	Ratio	Lower	Upper
107	100		
108	117.6	94.2	141.4
77	48.9	38.6	58.0
79	47.4	39.0	58.4

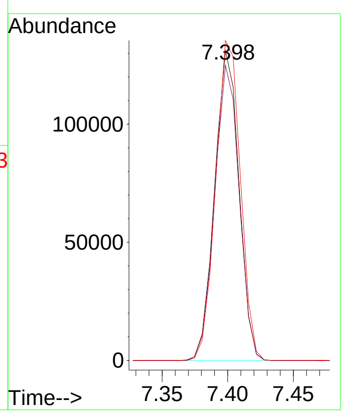




#18
Hexachloroethane
Concen: 42.578 ng
RT: 7.398 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion:117 Resp: 169392

Ion	Ratio	Lower	Upper
117	100		
119	95.2	76.2	114.2
201	103.3	79.7	119.5



Instrument :
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ClientSampleId :
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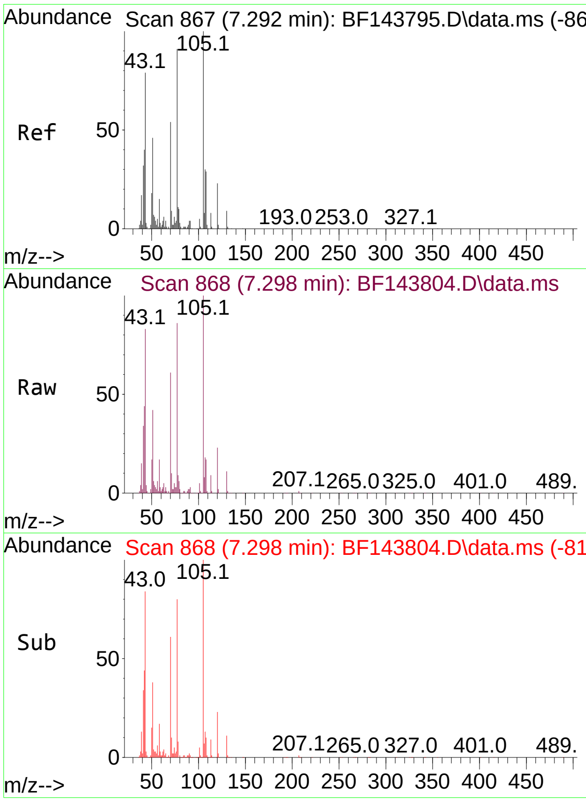
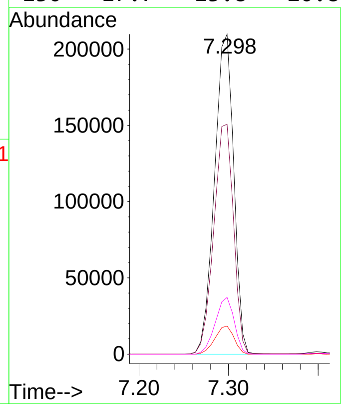
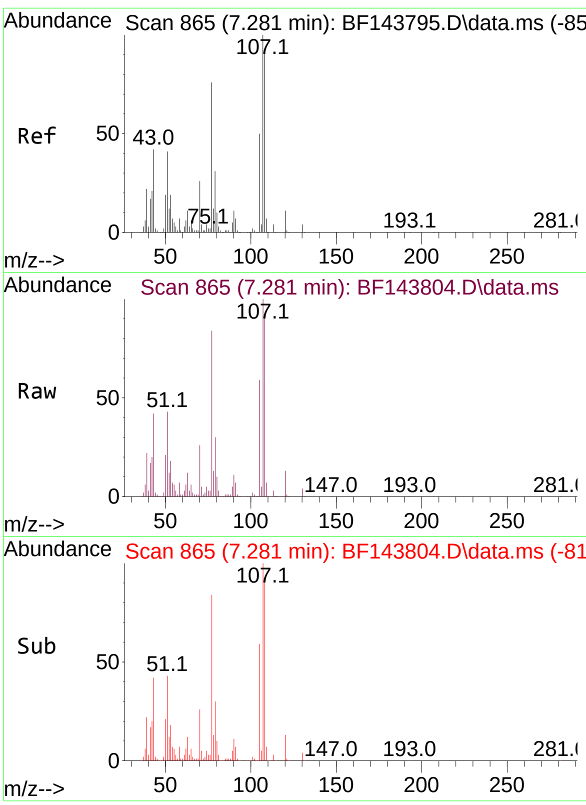


#19
n-Nitroso-di-n-propylamine
Concen: 44.424 ng
RT: 7.298 min Scan# 86
Delta R.T. -0.006 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion: 70 Resp: 314780

Ion	Ratio	Lower	Upper
70	100		
42	71.9	59.4	89.0
101	8.8	7.1	10.7
130	17.7	13.8	20.8

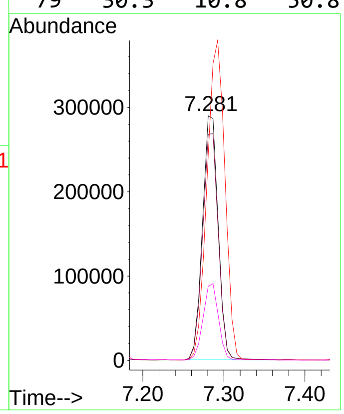




#20
3+4-Methylphenols
Concen: 42.463 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion:107 Resp: 390864

Ion	Ratio	Lower	Upper
107	100		
108	92.4	72.5	112.5
77	84.0	56.2	96.2
79	30.3	10.8	50.8



Instrument :
BNA_F
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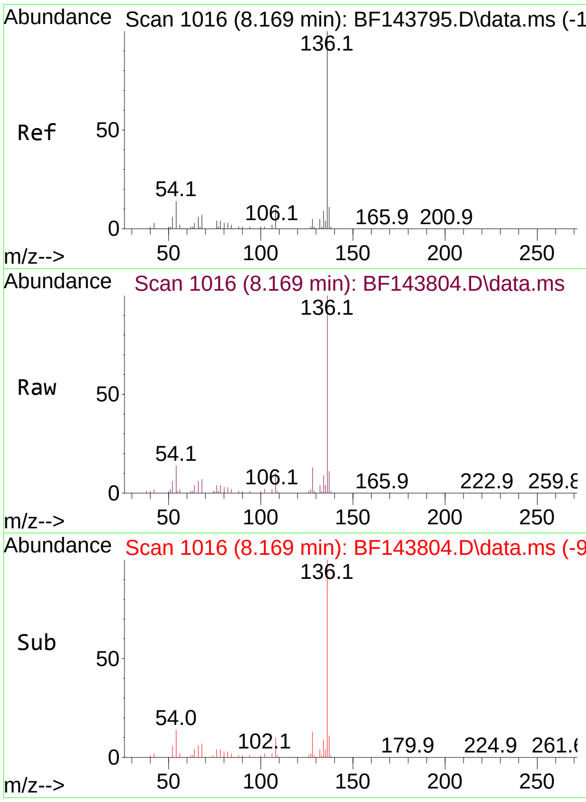
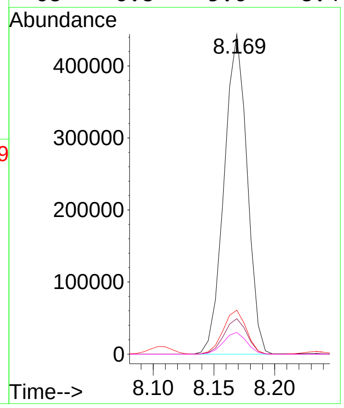
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

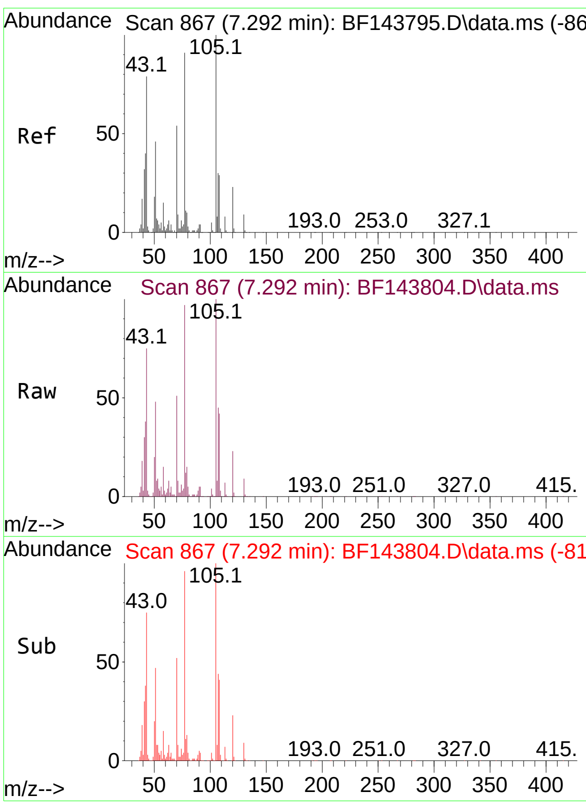


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion:136 Resp: 586166

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	13.7	11.2	16.8
68	6.8	5.6	8.4

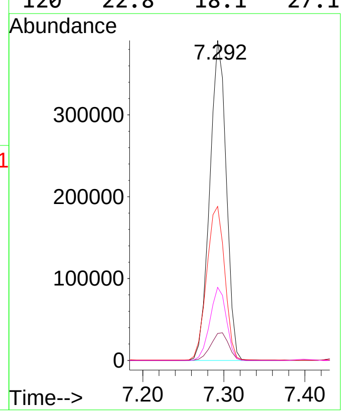


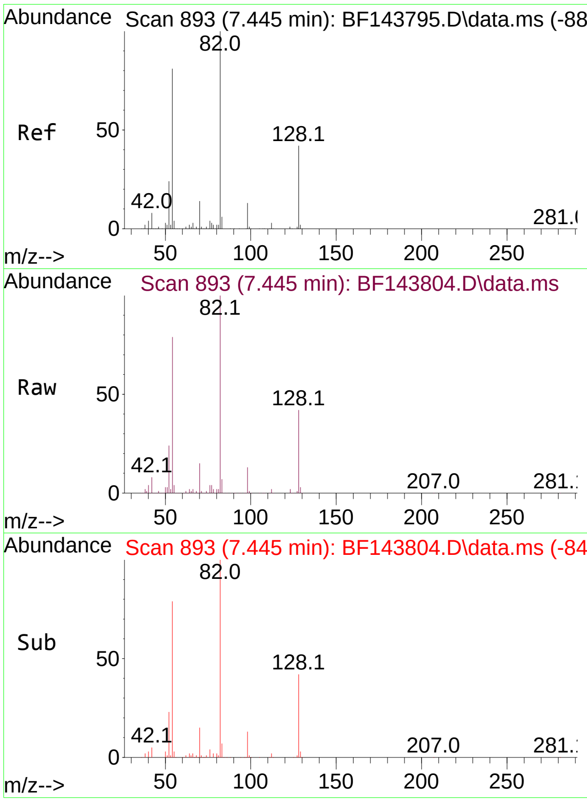


#22
Acetophenone
Concen: 43.177 ng
RT: 7.292 min Scan# 867
Delta R.T. -0.006 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion:105 Resp: 555882

Ion	Ratio	Lower	Upper
105	100		
71	8.4	7.0	10.4
51	48.1	36.6	55.0
120	22.8	18.1	27.1





#23
Nitrobenzene-d5
Concen: 84.250 ng
RT: 7.445 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion: 82 Resp: 806781

Ion	Ratio	Lower	Upper
82	100		
128	42.4	33.3	49.9
54	79.3	64.2	96.4

Instrument :
BNA_F
ClientSampleId :
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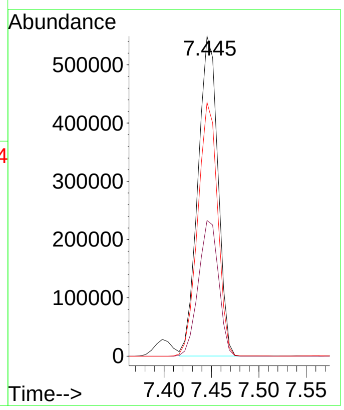

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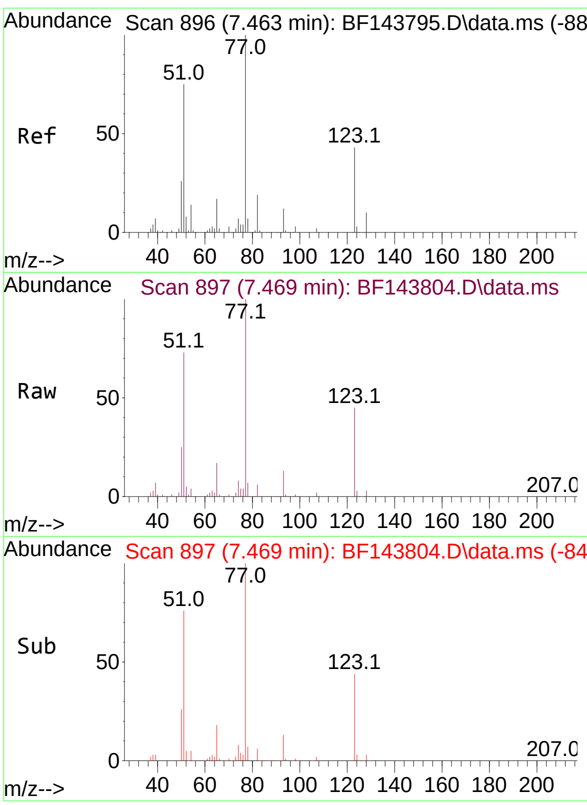
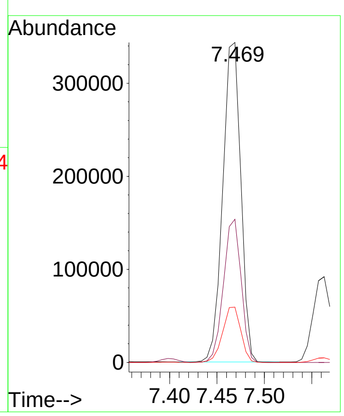


#24
Nitrobenzene
Concen: 42.879 ng
RT: 7.469 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion: 77 Resp: 455128

Ion	Ratio	Lower	Upper
77	100		
123	44.7	34.0	51.0
65	17.3	13.5	20.3



Instrument :
BNA_F
ClientSampleId :
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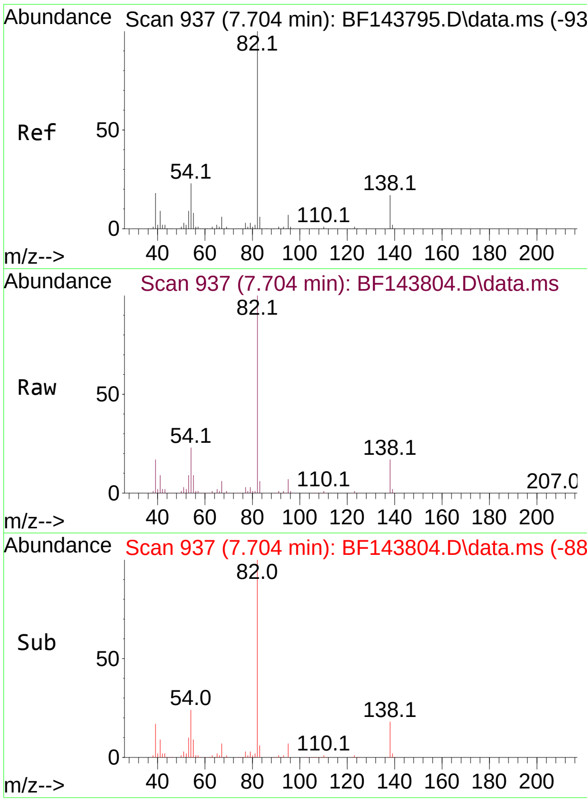
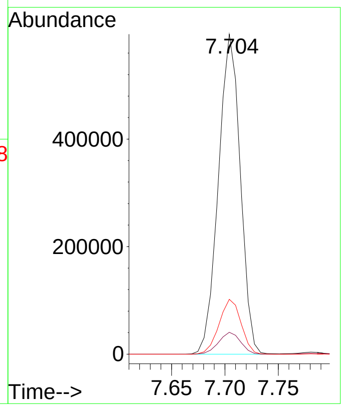
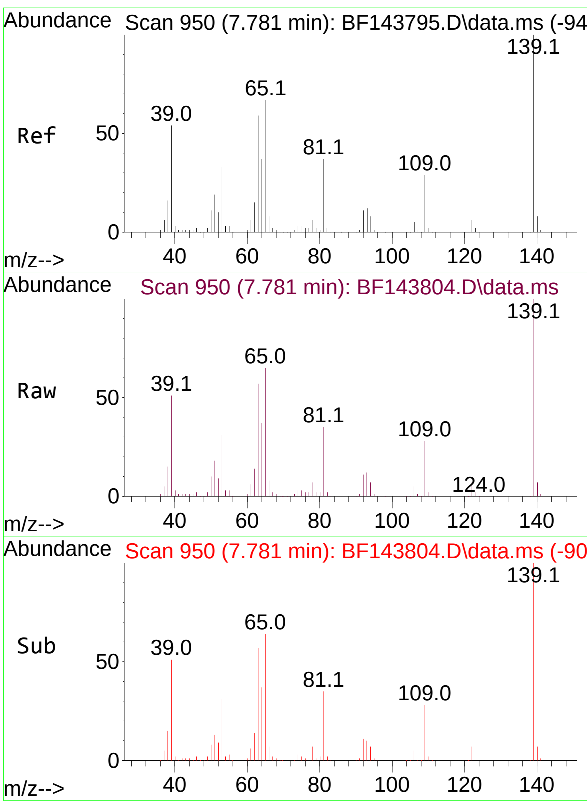


#25
Isophorone
Concen: 45.610 ng
RT: 7.704 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion: 82 Resp: 851108

Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.4	8.2
138	17.1	13.7	20.5

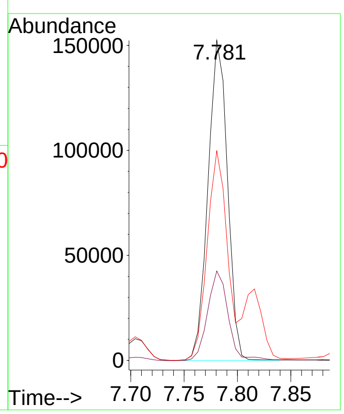


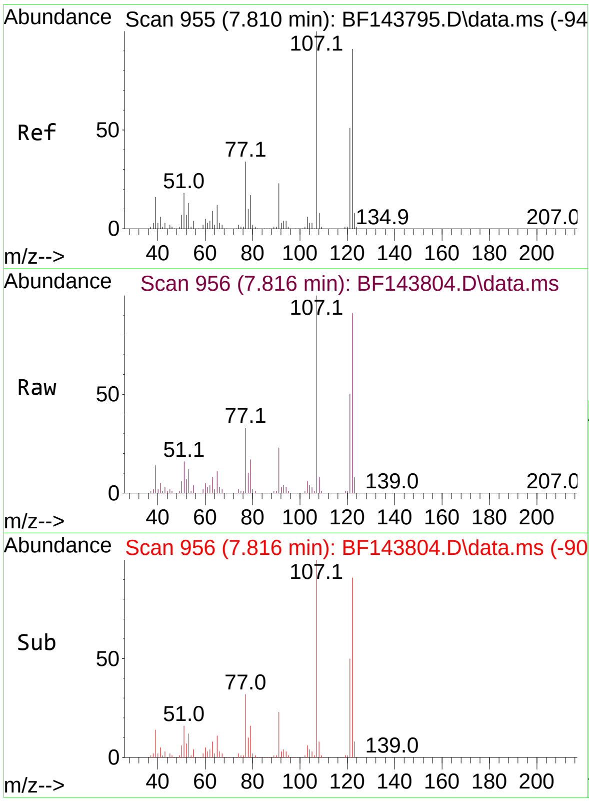


#26
2-Nitrophenol
Concen: 44.766 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.005 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion:139 Resp: 194232

Ion	Ratio	Lower	Upper
139	100		
109	27.9	23.3	34.9
65	65.4	53.8	80.6





```
#27
2,4-Dimethylphenol
Concen:   46.755 ng
RT:   7.816 min  Scan# 95
Delta R.T.  -0.000 min
Lab File:   BF143804.D
Acq: 25 Sep 2025  14:16

Tgt Ion:122 Resp:  38996
Ion  Ratio  Lower  Upper
122  100
107  109.7   87.5  131.3
121   55.3   44.2   66.4
```

Instrument : BNA_F
ClientSampleId : PB169827BS

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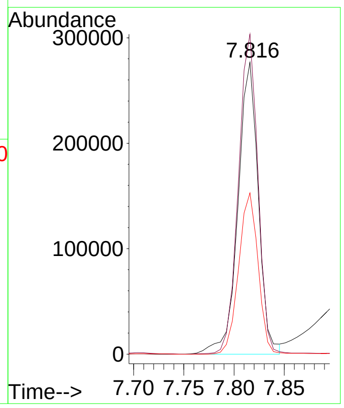
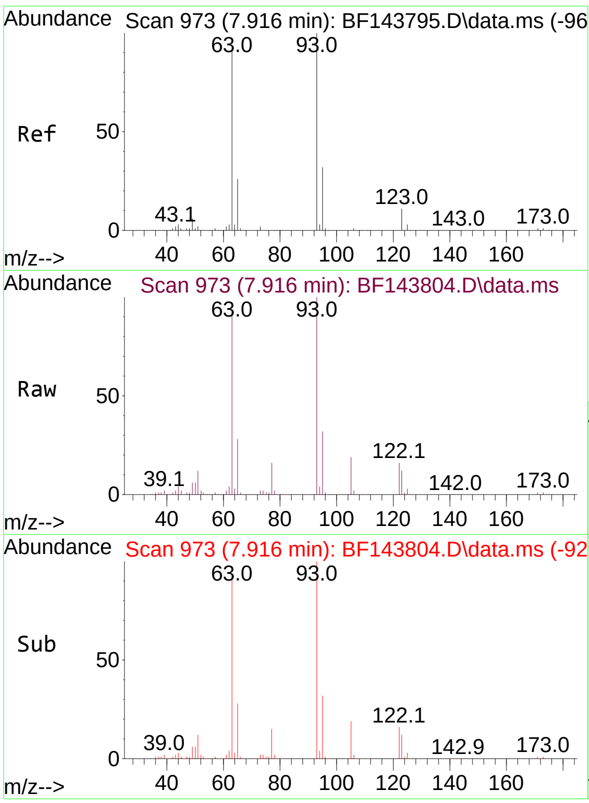
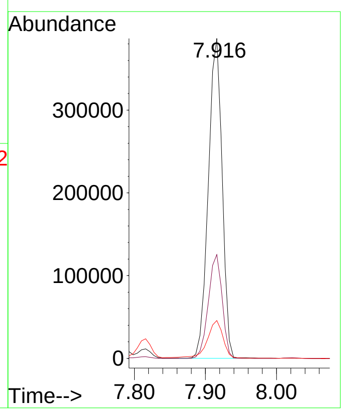


1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18



```
#28
bis(2-Chloroethoxy)methane
Concen:   42.933 ng
RT:   7.916 min  Scan# 973
Delta R.T.  -0.000 min
Lab File:   BF143804.D
Acq: 25 Sep 2025  14:16

Tgt Ion: 93 Resp:  520514
Ion  Ratio  Lower  Upper
 93  100
 95   32.4   25.8   38.8
123   11.8    8.8   13.2
```



Instrument :
BNA_F
ClientSampleId :
PB169827BS

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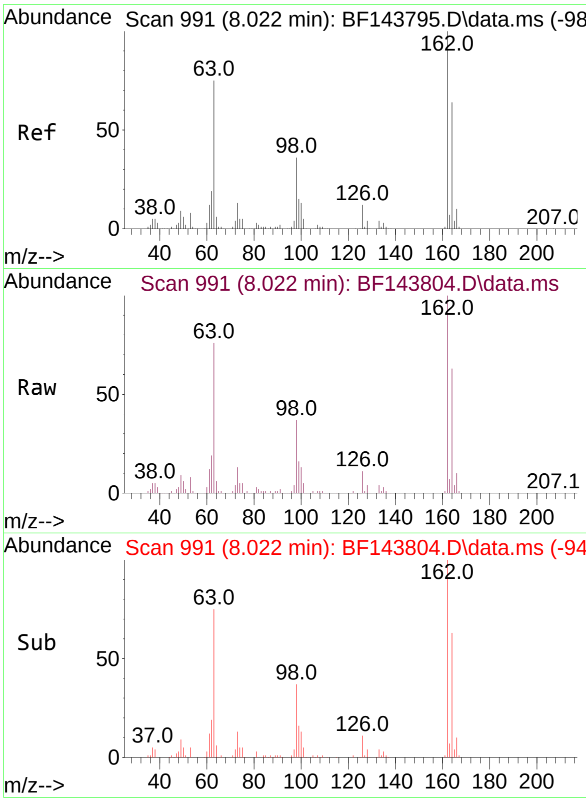
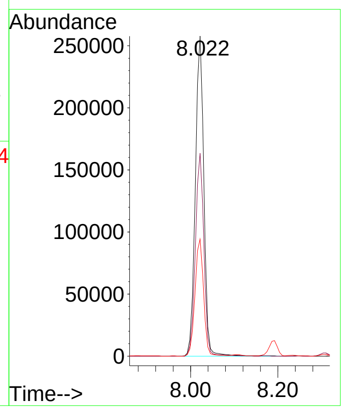
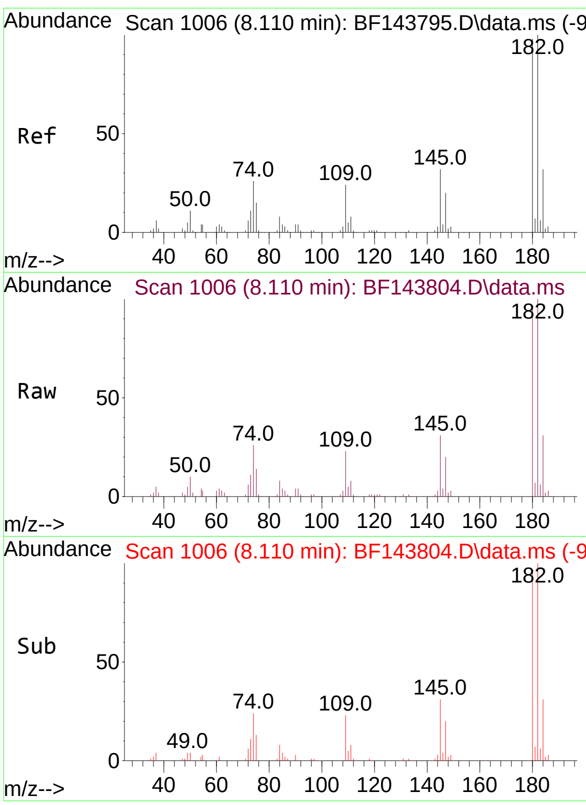


#29
2,4-Dichlorophenol
Concen: 42.716 ng
RT: 8.022 min Scan# 99
Delta R.T. -0.000 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion:162 Resp: 350565

Ion	Ratio	Lower	Upper
162	100		
164	63.4	44.1	84.1
98	36.6	15.8	55.8

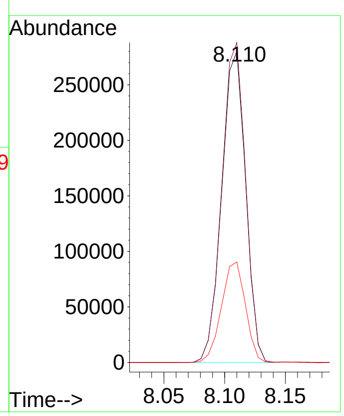




#30
1,2,4-Trichlorobenzene
Concen: 44.973 ng
RT: 8.110 min Scan# 1006
Delta R.T. -0.000 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion:180 Resp: 383033

Ion	Ratio	Lower	Upper
180	100		
182	102.8	82.0	123.0
145	32.3	25.9	38.9



Instrument :
BNA_F
ClientSampleId :
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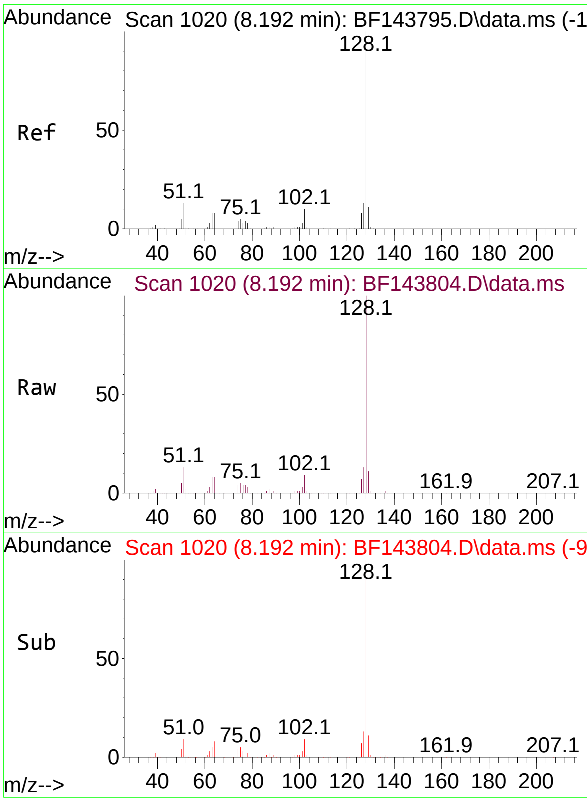
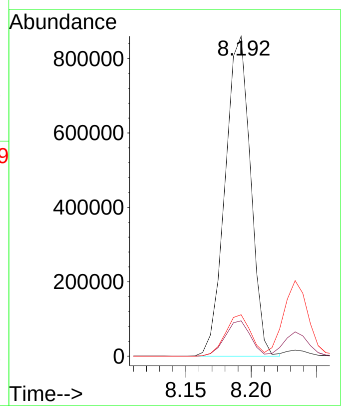
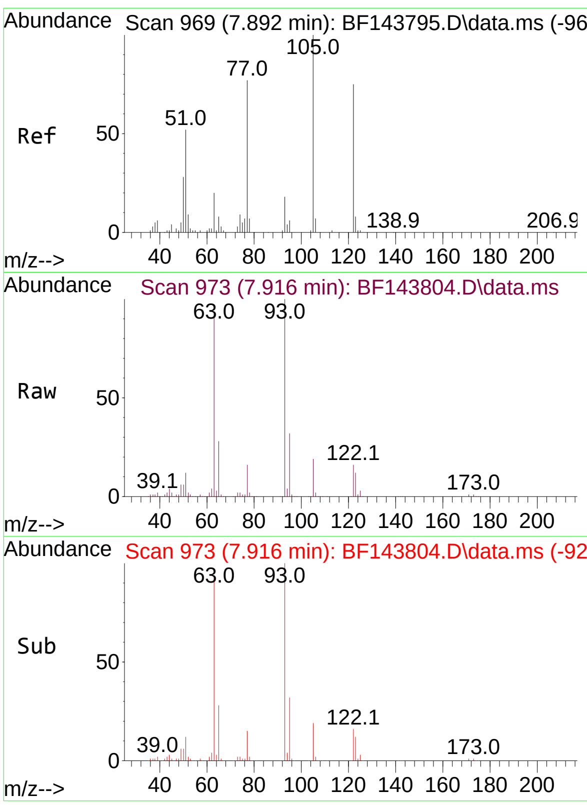
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

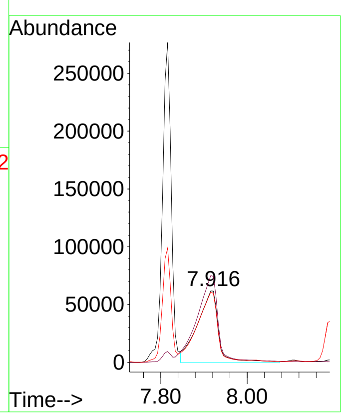



```
#31
Naphthalene
Concen:   41.443 ng
RT:   8.192 min  Scan# 10
Delta R.T.  -0.000 min
Lab File:   BF143804.D
Acq: 25 Sep 2025  14:16

Tgt Ion:128 Resp: 116290
Ion  Ratio  Lower  Upper
128  100
129   11.0    8.8   13.2
127   12.9   10.2   15.4
```






```
#32
Benzoic acid
Concen:   52.321 ng  m
RT:   7.916 min  Scan# 973
Delta R.T.  -0.006 min
Lab File:   BF143804.D
Acq: 25 Sep 2025  14:16

Tgt Ion:122 Resp:  210549
Ion  Ratio  Lower  Upper
122  100
105  121.6  103.7  143.7
 77   98.5   78.8  118.8
```



Instrument :
BNA_F
ClientSampleId :
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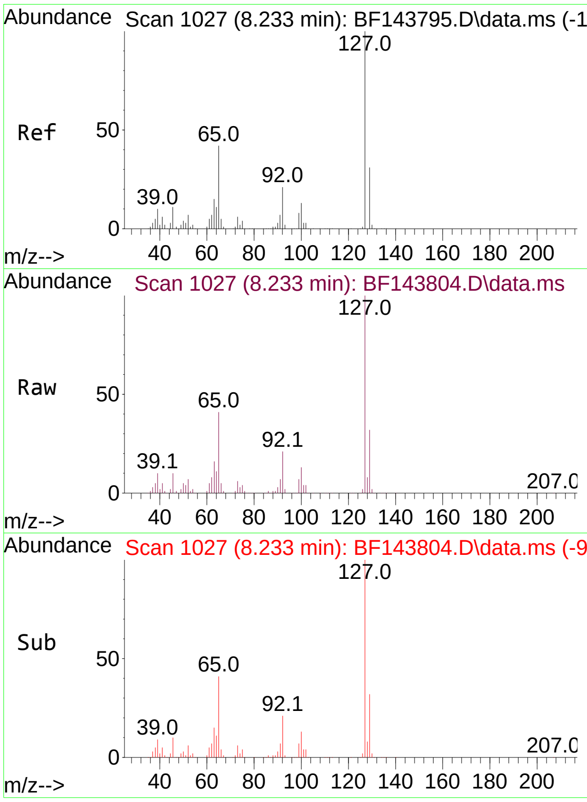
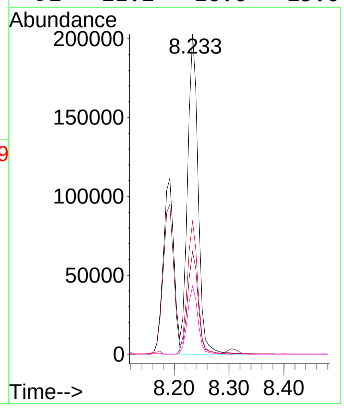
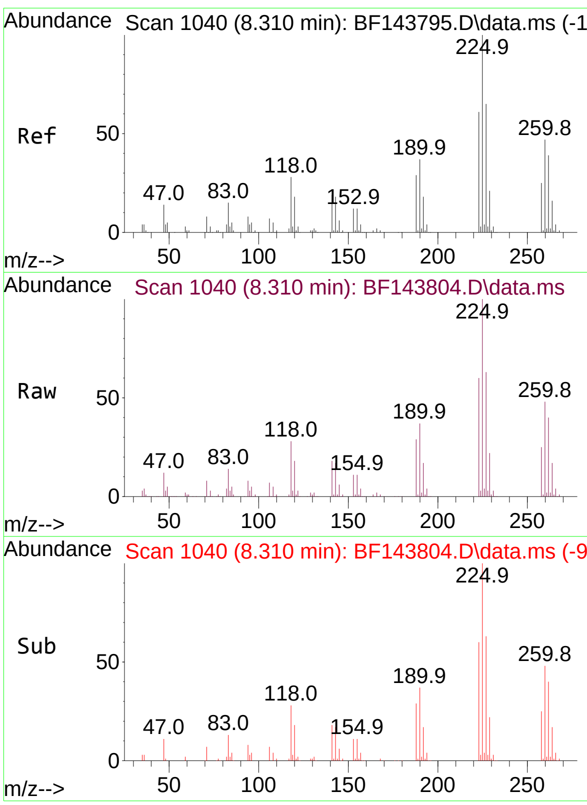


#33
4-Chloroaniline
Concen: 27.426 ng
RT: 8.233 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion:127 Resp: 270444

Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.4	38.2
65	41.4	33.4	50.2
92	21.2	16.6	25.0

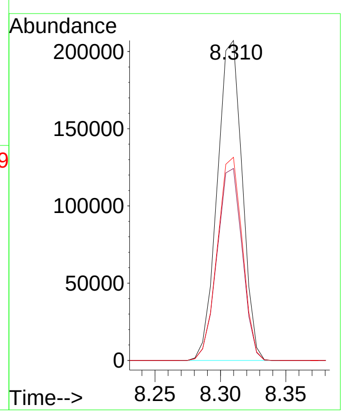




#34
Hexachlorobutadiene
Concen: 43.434 ng
RT: 8.310 min Scan# 1040
Delta R.T. -0.000 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion:225 Resp: 275769

Ion	Ratio	Lower	Upper
225	100		
223	60.0	48.6	72.8
227	63.5	51.9	77.9



Instrument :
BNA_F
ClientSampleId :
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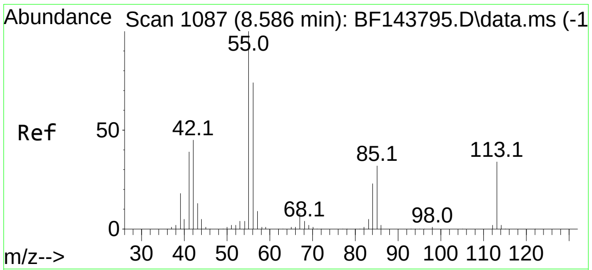
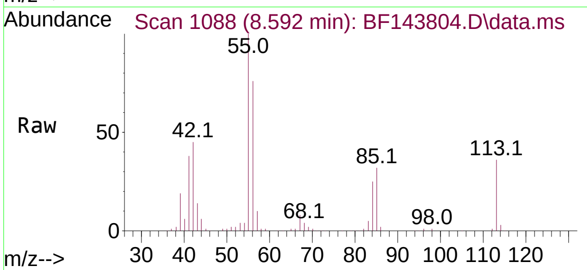
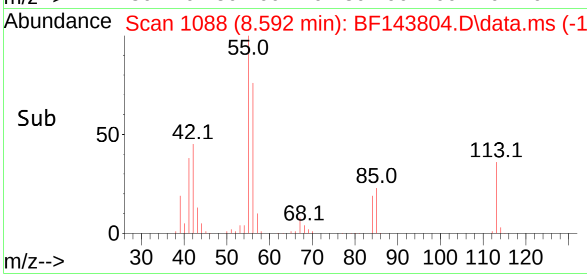
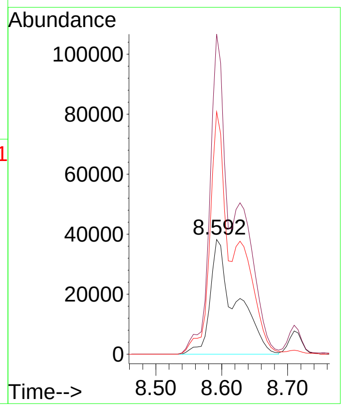


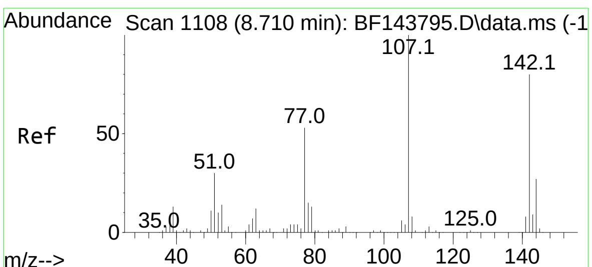


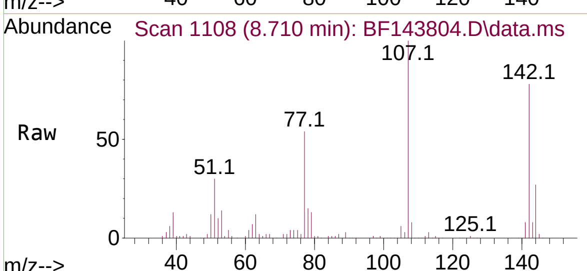


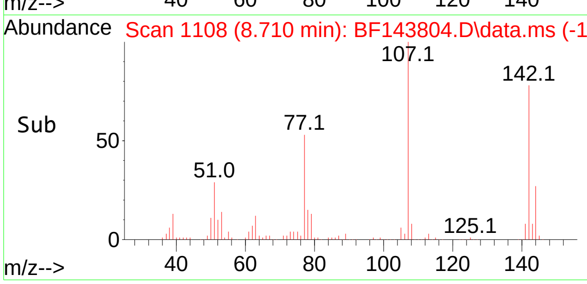

```
#35
Caprolactam
Concen:   49.671 ng  m
RT:   8.592 min  Scan# 10
Delta R.T.  -0.018 min
Lab File:   BF143804.D
Acq: 25 Sep 2025  14:16

Tgt Ion:113 Resp:  10419
Ion  Ratio  Lower  Upper
113  100
 55  279.3  271.7  311.7
 56  211.5  194.5  234.5
```



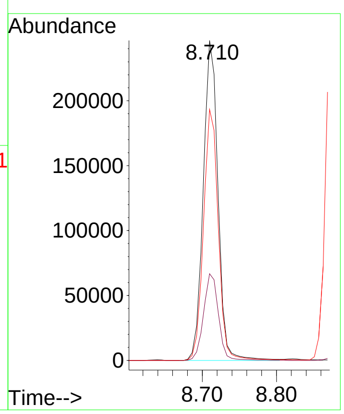







```
#36
4-Chloro-3-methylphenol
Concen:   44.128 ng
RT:   8.710 min  Scan# 1108
Delta R.T.  -0.000 min
Lab File:   BF143804.D
Acq: 25 Sep 2025  14:16

Tgt Ion:107 Resp:  339654
Ion  Ratio  Lower  Upper
107  100
144   27.1   21.8   32.8
142   78.4   63.6   95.4
```



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

Instrument :
BNA_F
ClientSampleId :
PB169827BS

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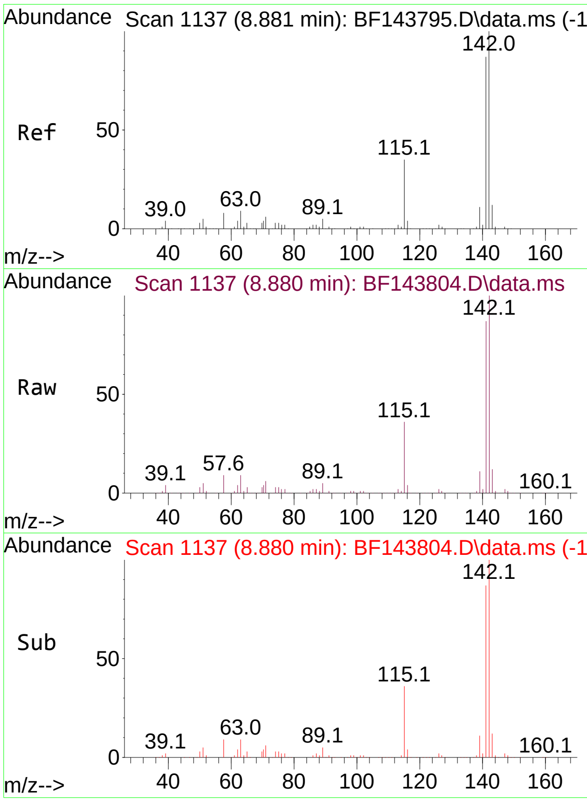
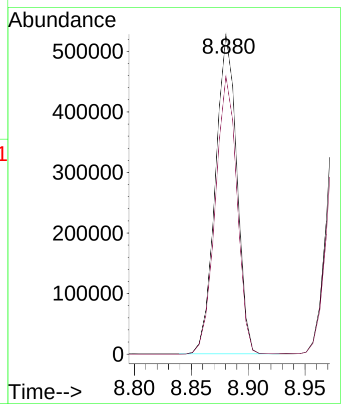
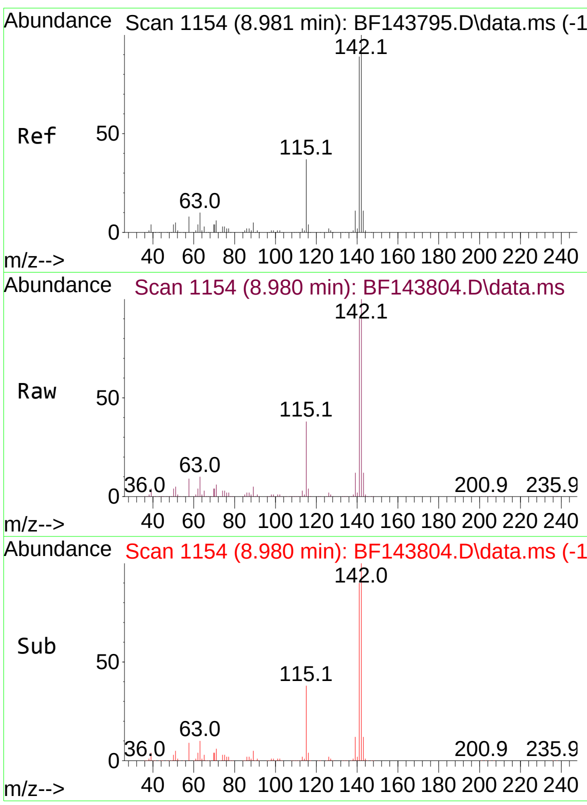


#37
2-Methylnaphthalene
Concen: 38.789 ng
RT: 8.880 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion:142 Resp: 694046

Ion	Ratio	Lower	Upper
142	100		
141	86.9	69.4	104.0

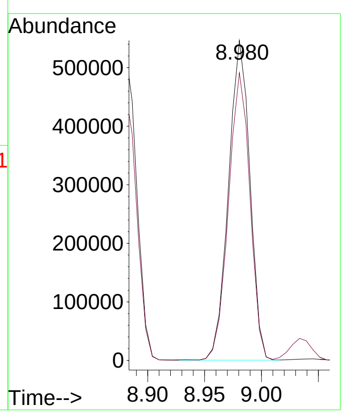


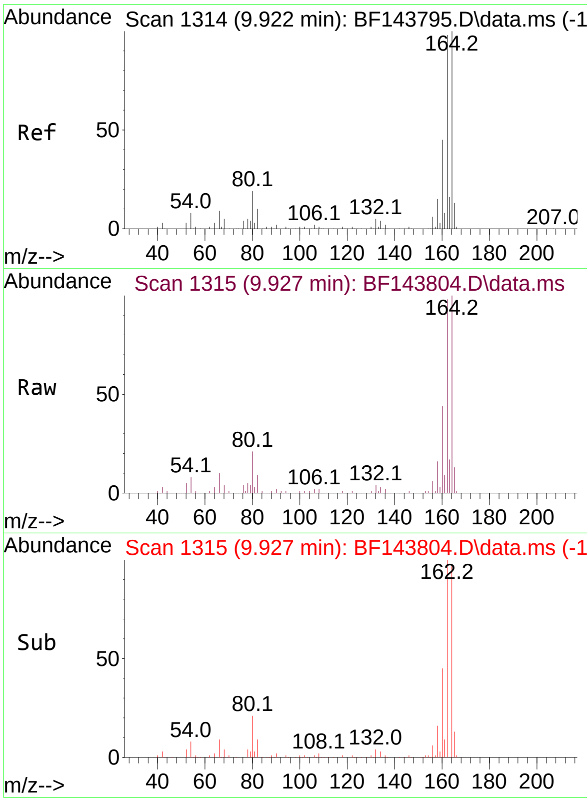


#38
1-Methylnaphthalene
Concen: 41.768 ng
RT: 8.980 min Scan# 1154
Delta R.T. -0.000 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion:142 Resp: 715322

Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.1	106.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 13
Delta R.T. -0.001 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion:164 Resp: 295245

Ion	Ratio	Lower	Upper
164	100		
162	98.4	78.8	118.2
160	44.3	35.8	53.6

Instrument :
BNA_F
ClientSampleId :
PB169827BS

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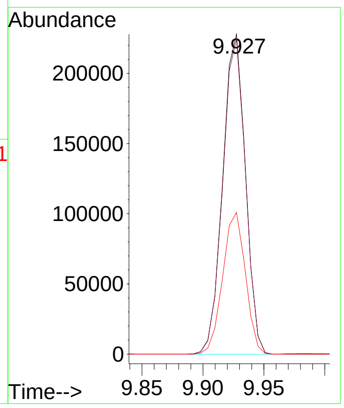
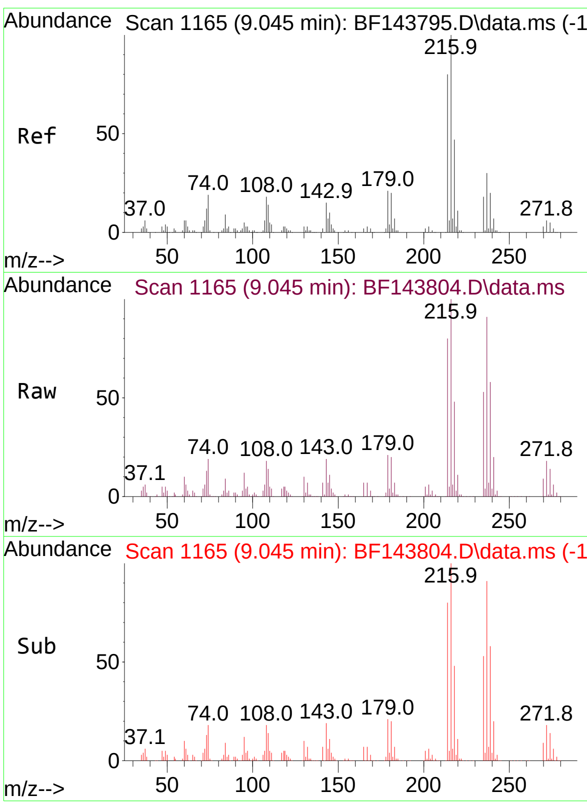


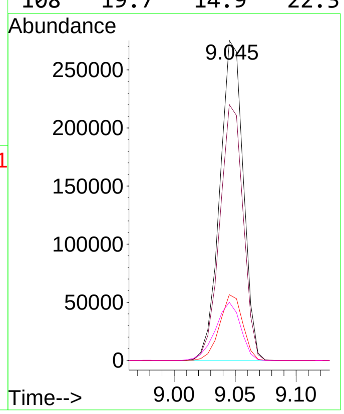
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

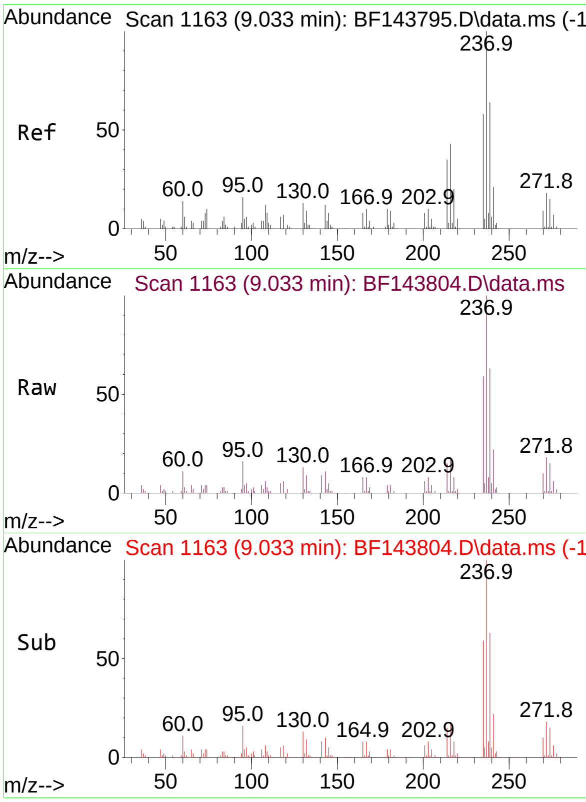


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.402 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion:216 Resp: 368894

Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.7	95.5
179	20.2	16.5	24.7
108	19.7	14.9	22.3

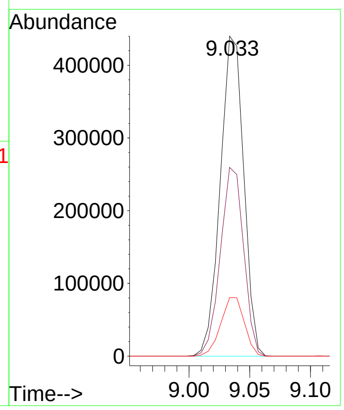




#41
Hexachlorocyclopentadiene
Concen: 105.022 ng
RT: 9.033 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion:237 Resp: 593049

Ion	Ratio	Lower	Upper
237	100		
235	59.0	38.1	78.1
272	18.3	0.0	37.9



Instrument :
BNA_F
ClientSampleId :
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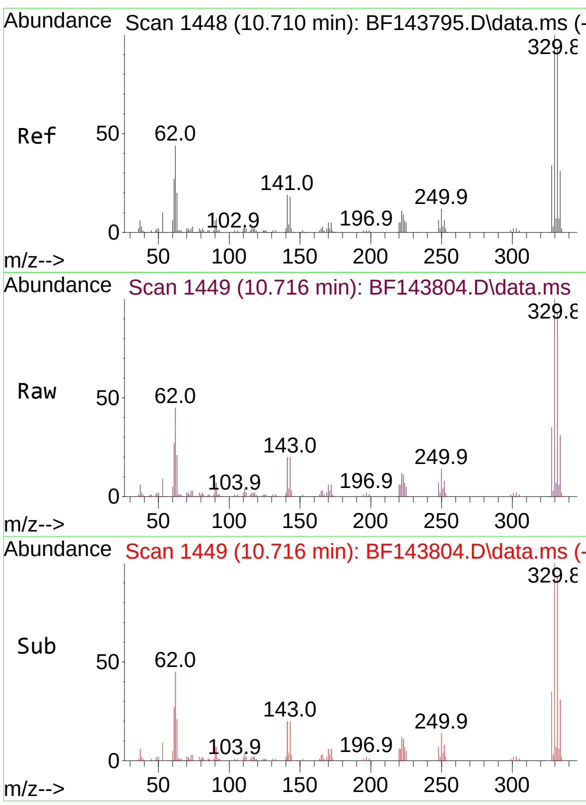
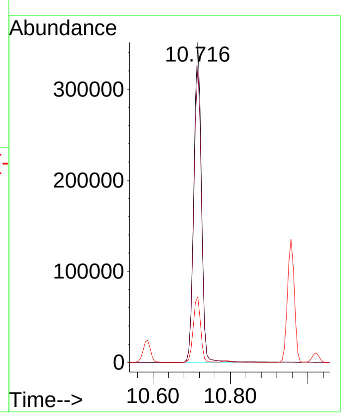
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18



#42
2,4,6-Tribromophenol
Concen: 109.742 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion:330 Resp: 479746

Ion	Ratio	Lower	Upper
330	100		
332	92.8	74.7	112.1
141	19.8	14.3	21.5



Instrument :
BNA_F
ClientSampleId :
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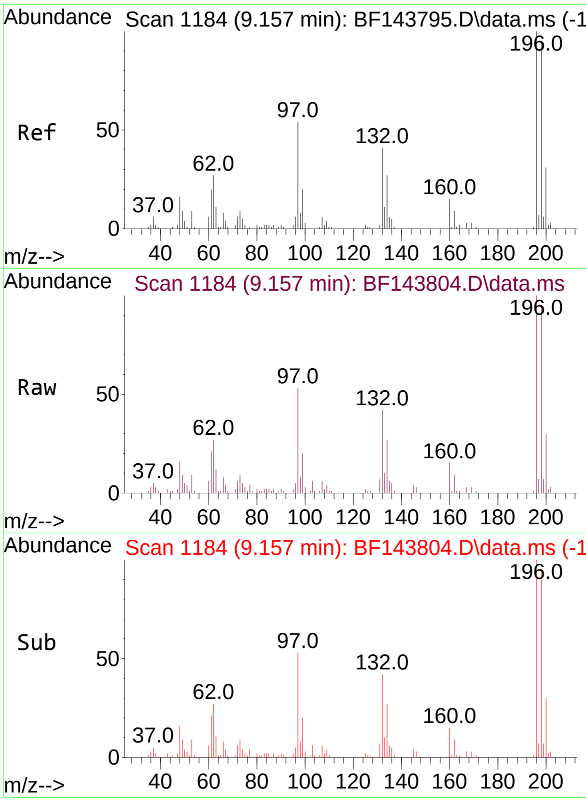
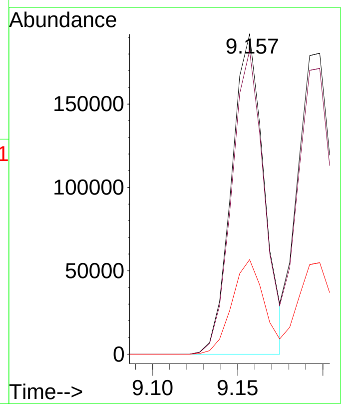
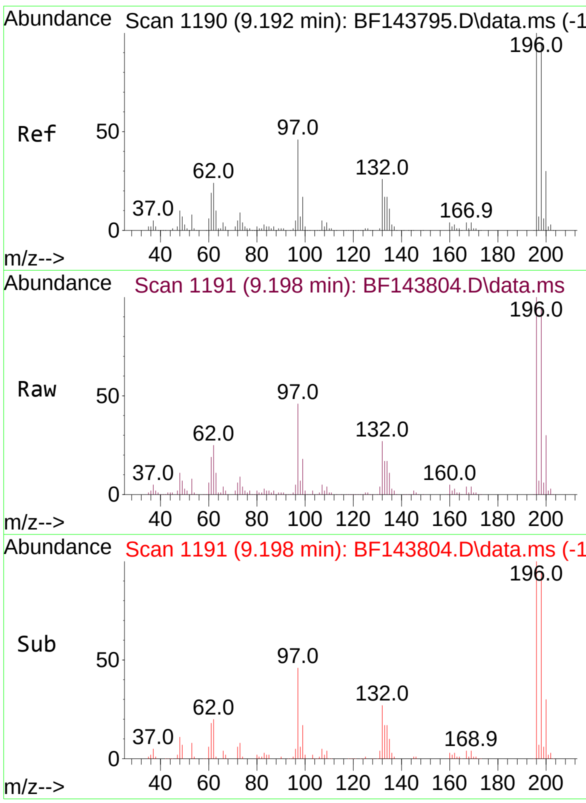


#43
2,4,6-Trichlorophenol
Concen: 45.563 ng
RT: 9.157 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion:196 Resp: 25420

Ion	Ratio	Lower	Upper
196	100		
198	94.9	76.2	114.2
200	29.5	24.7	37.1

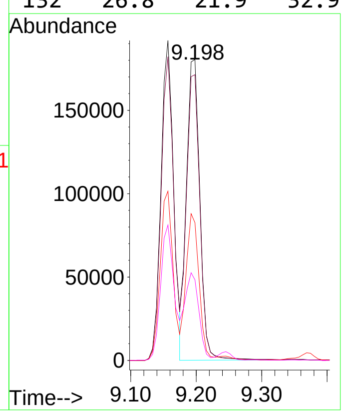




#44
2,4,5-Trichlorophenol
Concen: 44.524 ng
RT: 9.198 min Scan# 1191
Delta R.T. 0.006 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion:196 Resp: 259825

Ion	Ratio	Lower	Upper
196	100		
198	95.0	75.9	113.9
97	45.8	38.3	57.5
132	26.8	21.9	32.9



Instrument :
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ClientSampleId :
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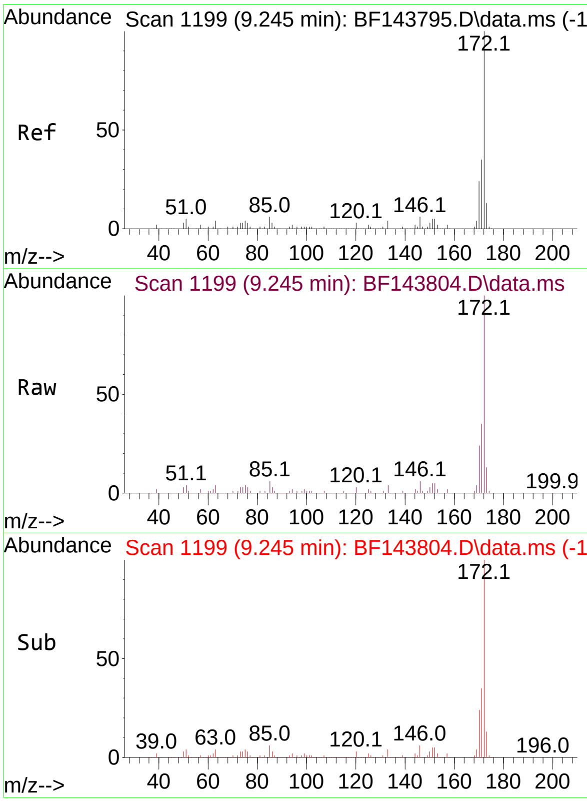
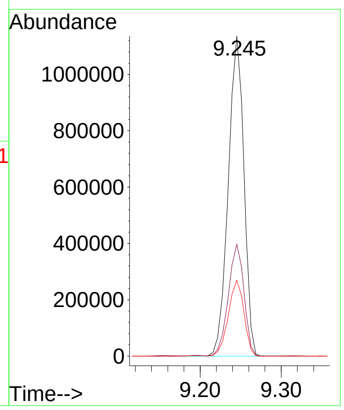
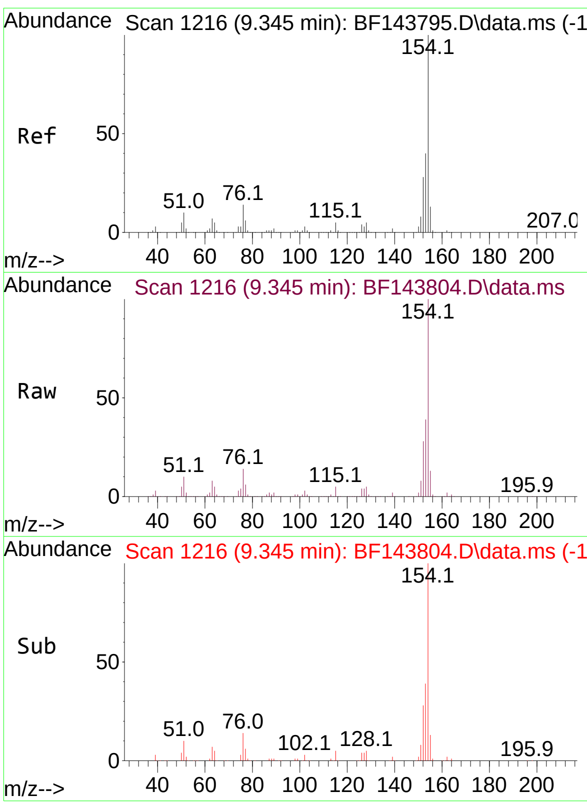


#45
2-Fluorobiphenyl
Concen: 80.812 ng
RT: 9.245 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion:172 Resp: 152895

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.9	41.9
170	23.7	19.1	28.7

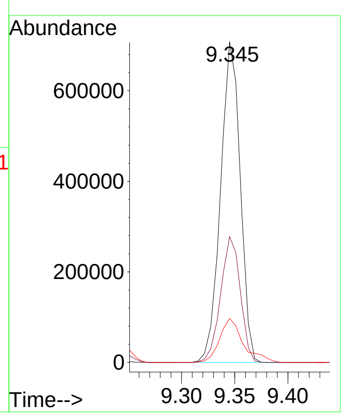




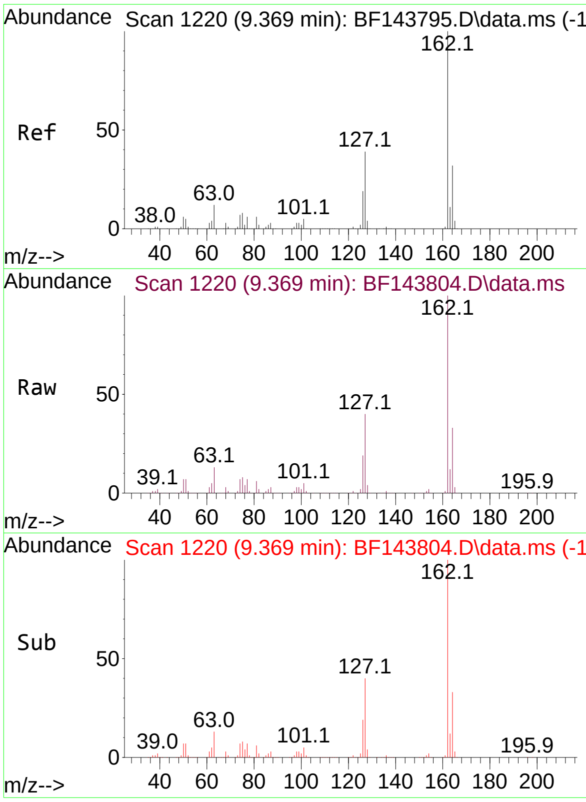
#46
1,1'-Biphenyl
Concen: 42.764 ng
RT: 9.345 min Scan# 1216
Delta R.T. 0.000 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion:154 Resp: 913939

Ion	Ratio	Lower	Upper
154	100		
153	39.3	19.7	59.7
76	13.7	0.0	33.8



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18



#47
2-Chloronaphthalene
Concen: 41.897 ng
RT: 9.369 min Scan# 12
Delta R.T. -0.006 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion:162 Resp: 72077

Ion	Ratio	Lower	Upper
162	100		
127	39.8	31.5	47.3
164	32.7	25.9	38.9

Instrument :
BNA_F
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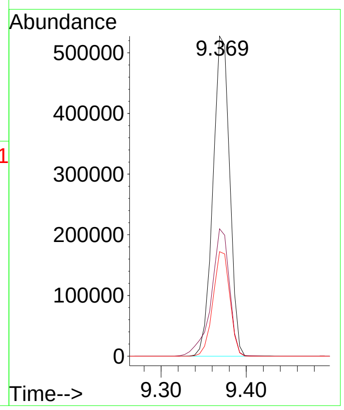
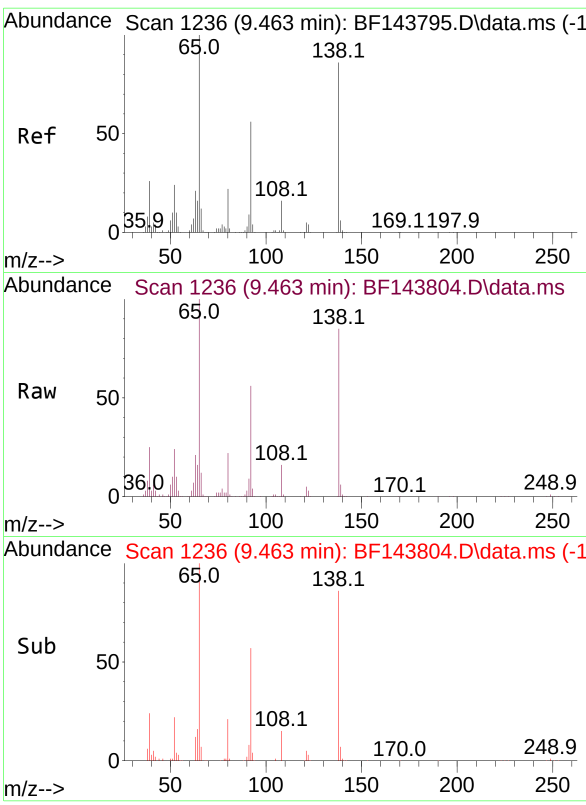
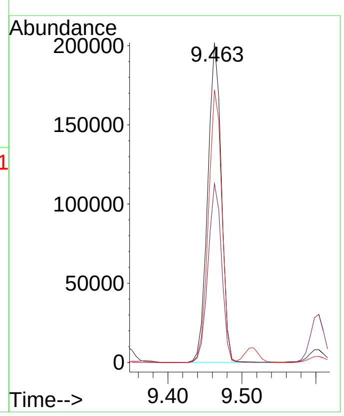




#48
2-Nitroaniline
Concen: 49.800 ng
RT: 9.463 min Scan# 1236
Delta R.T. -0.000 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion: 65 Resp: 258937

Ion	Ratio	Lower	Upper
65	100		
92	56.0	44.9	67.3
138	85.2	69.0	103.4



Instrument : BNA_F
ClientSampleId : PB169827BS

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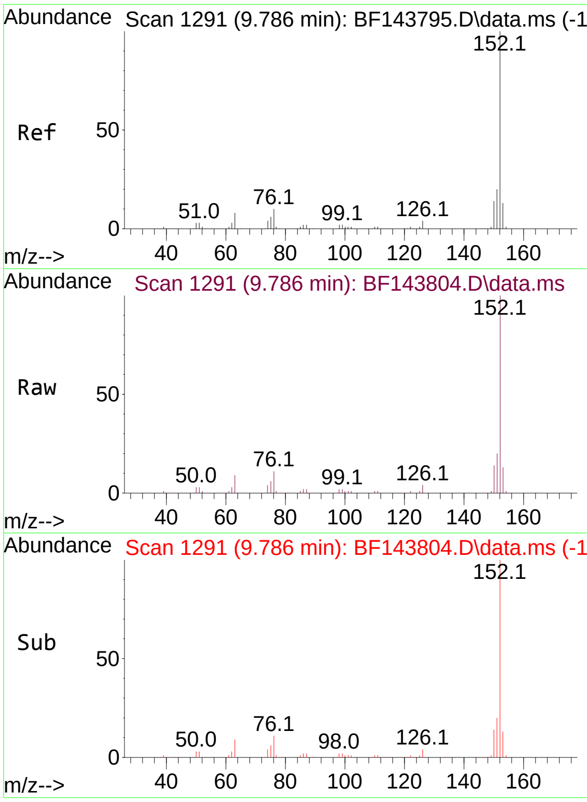
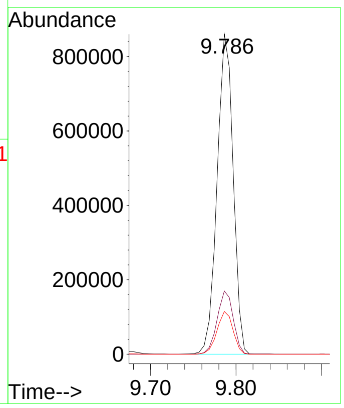
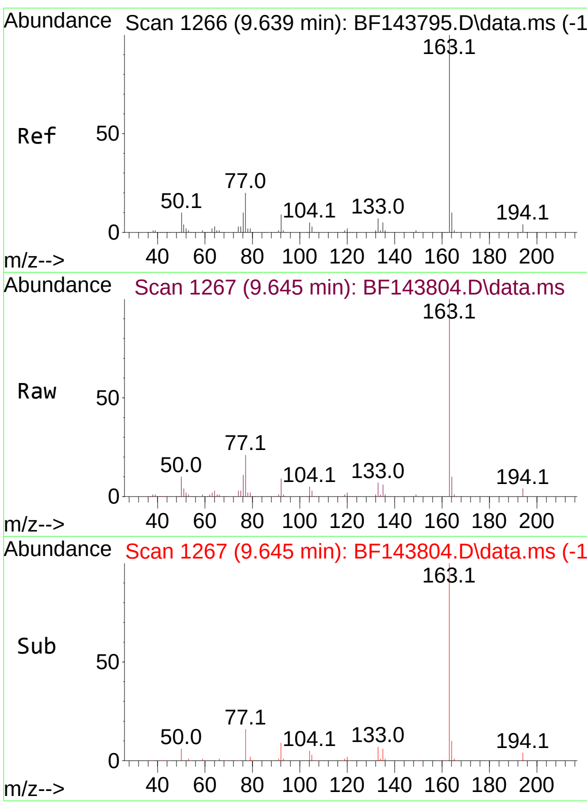


#49
Acenaphthylene
Concen: 47.592 ng
RT: 9.786 min Scan# 1291
Delta R.T. -0.000 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion:152 Resp: 1127108

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.7	23.5
153	13.4	10.6	15.8

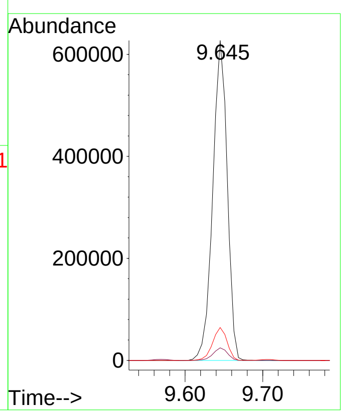




#50
Dimethylphthalate
Concen: 45.221 ng
RT: 9.645 min Scan# 1267
Delta R.T. 0.006 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion:163 Resp: 813768

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.6
164	10.3	8.2	12.2



Instrument :
BNA_F
ClientSampleId :
PB169827BS

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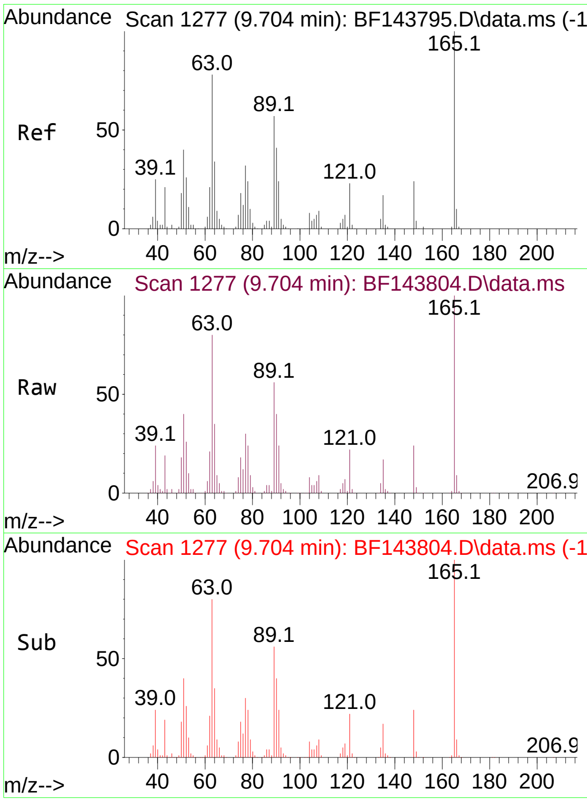
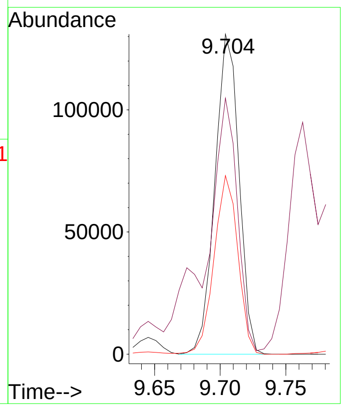
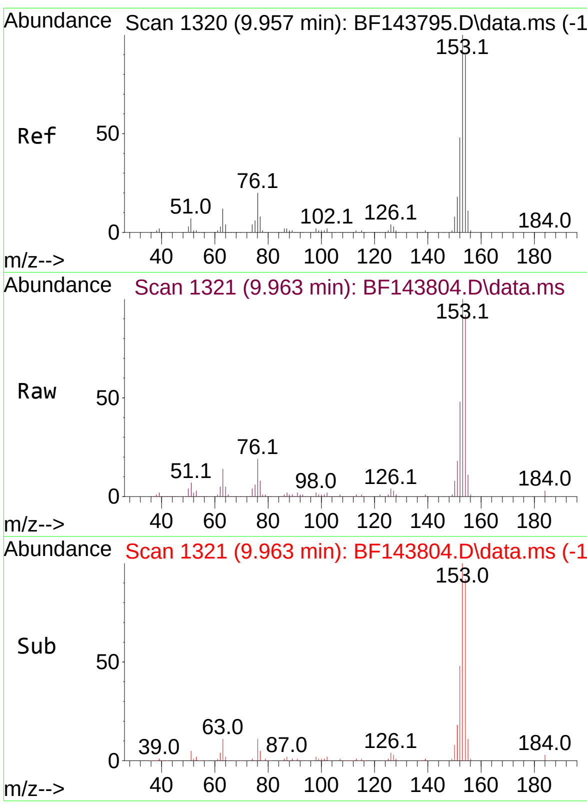


#51
2,6-Dinitrotoluene
Concen: 56.554 ng
RT: 9.704 min Scan# 12
Delta R.T. -0.000 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion:165 Resp: 16720

Ion	Ratio	Lower	Upper
165	100		
63	80.0	62.6	94.0
89	55.8	45.2	67.8

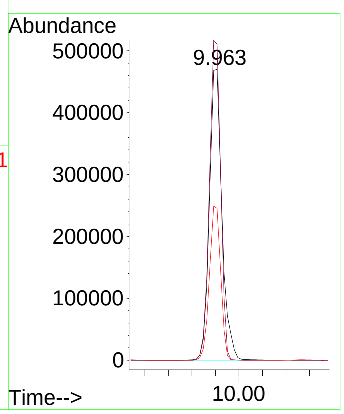




#52
Acenaphthene
Concen: 44.850 ng
RT: 9.963 min Scan# 1321
Delta R.T. -0.000 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion:154 Resp: 698991

Ion	Ratio	Lower	Upper
154	100		
153	108.7	88.7	133.1
152	52.2	42.7	64.1



Instrument :
BNA_F
ClientSampleId :
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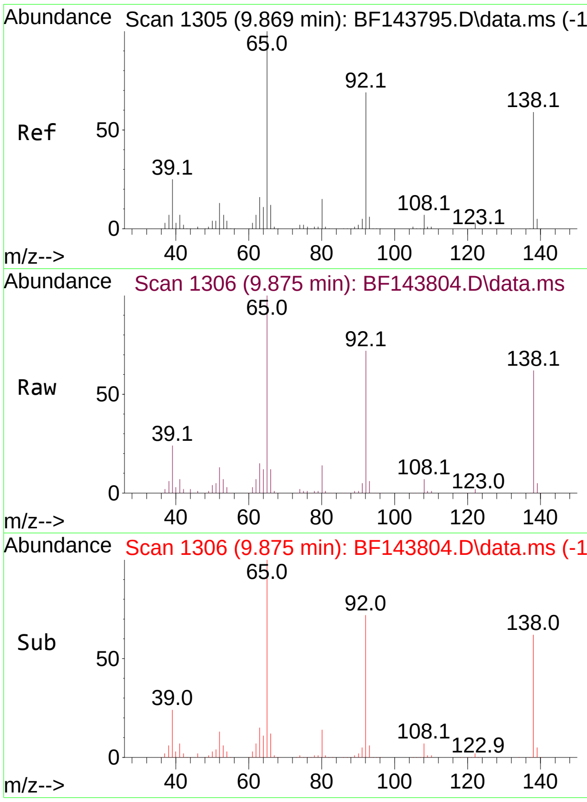
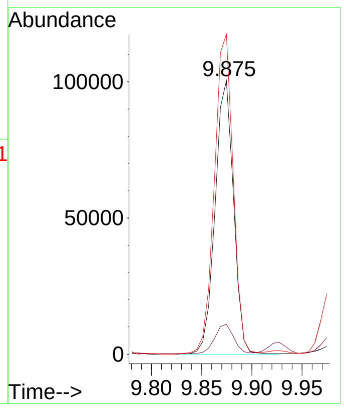
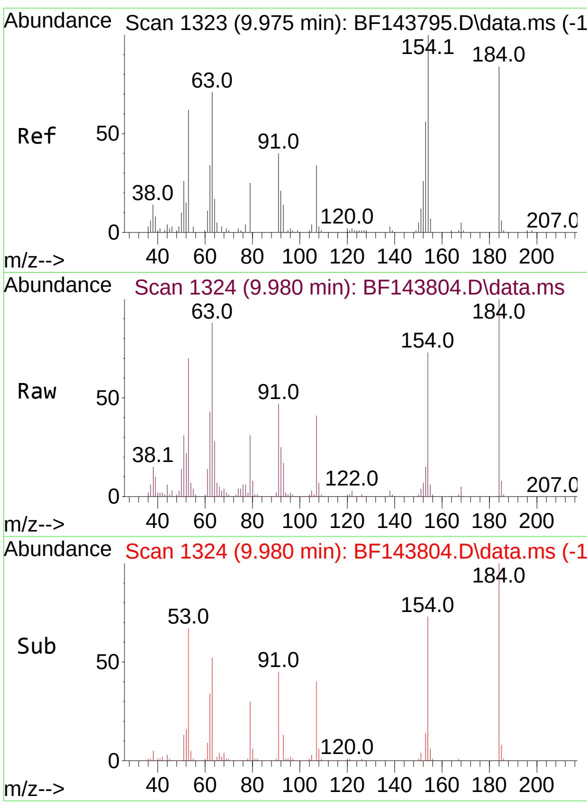


#53
3-Nitroaniline
Concen: 35.898 ng
RT: 9.875 min Scan# 13
Delta R.T. -0.000 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion:138 Resp: 128649

Ion	Ratio	Lower	Upper
138	100		
108	10.9	9.9	14.9
92	117.0	93.5	140.3

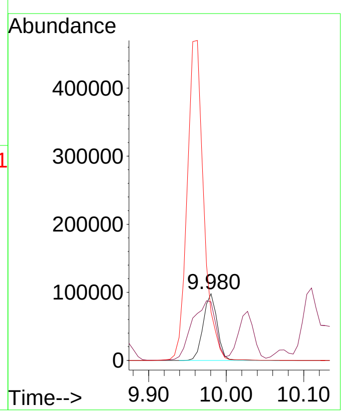


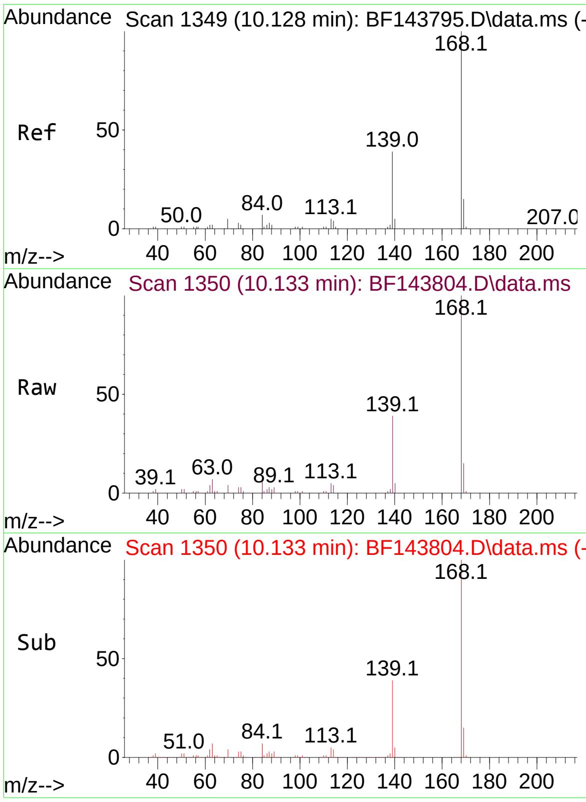


#54
2,4-Dinitrophenol
Concen: 90.006 ng
RT: 9.980 min Scan# 1324
Delta R.T. 0.005 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion:184 Resp: 123010

Ion	Ratio	Lower	Upper
184	100		
63	87.7	84.6	127.0
154	72.5	199.3	298.9#

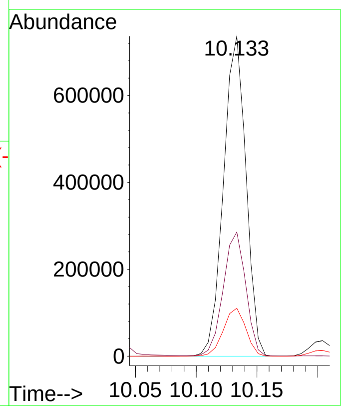




#55
Dibenzofuran
Concen: 43.014 ng
RT: 10.133 min Scan# 13
Delta R.T. -0.000 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion:168 Resp: 94795

Ion	Ratio	Lower	Upper
168	100		
139	38.8	31.0	46.6
169	15.0	11.9	17.9



Instrument :
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ClientSampleId :
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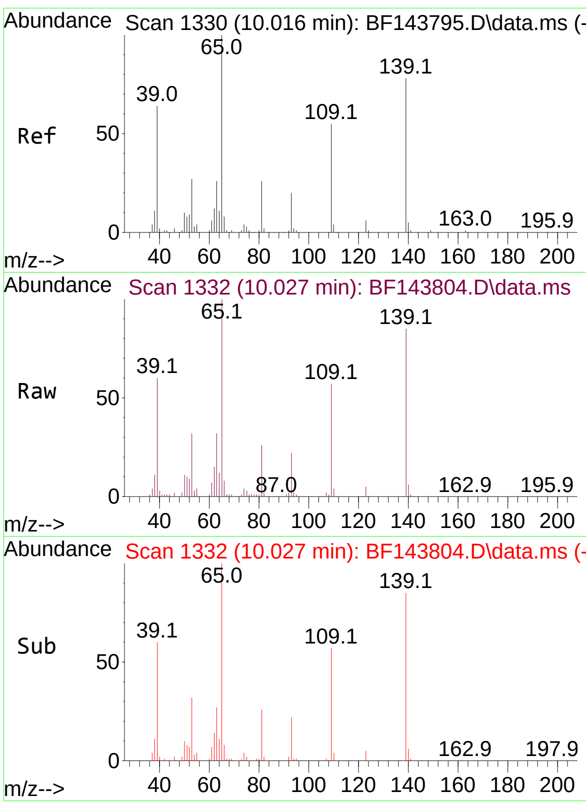
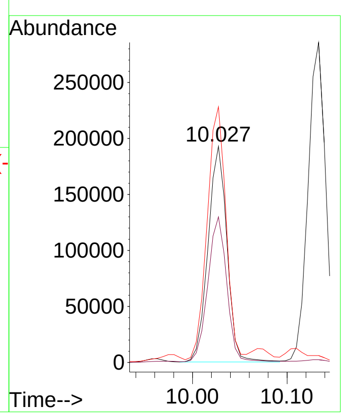


#56
4-Nitrophenol
Concen: 93.169 ng
RT: 10.027 min Scan# 1332
Delta R.T. 0.006 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion:139 Resp: 269066

Ion	Ratio	Lower	Upper
139	100		
109	67.3	50.2	90.2
65	118.3	109.2	149.2



Instrument :
BNA_F
ClientSampleId :
PB169827BS

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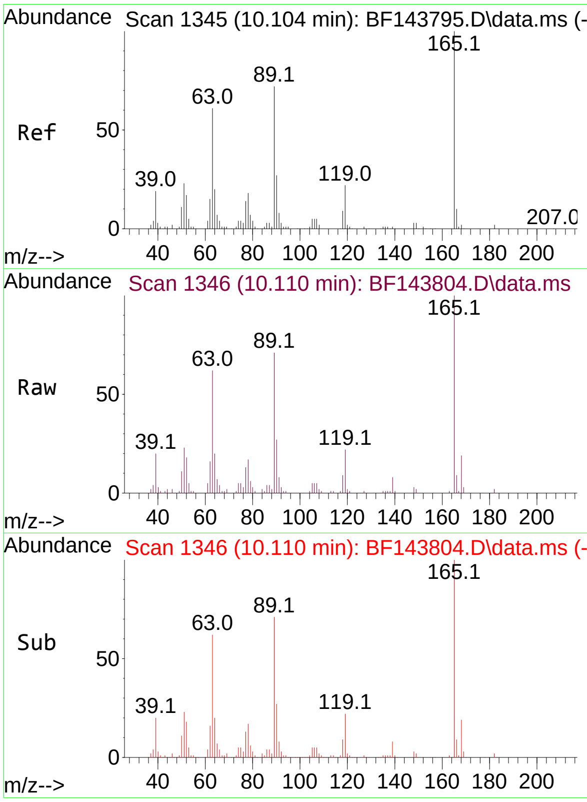
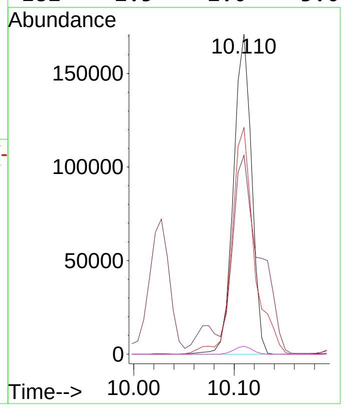
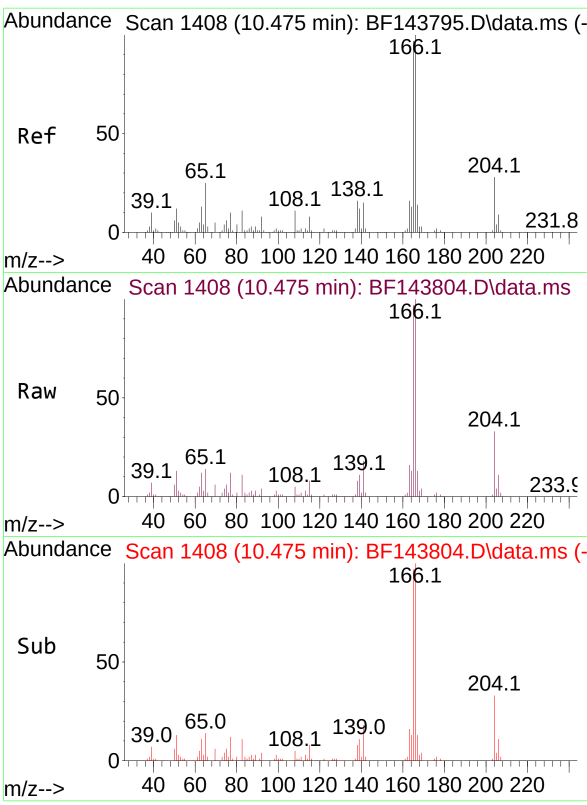
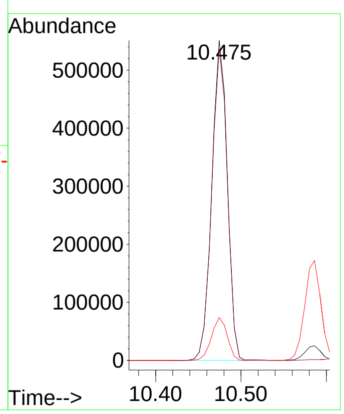



```
#57
2,4-Dinitrotoluene
Concen:   48.920 ng
RT:  10.110 min  Scan# 13
Delta R.T.   -0.000 min
Lab File:    BF143804.D
Acq: 25 Sep 2025  14:16

Tgt Ion:165 Resp:  214946
Ion  Ratio  Lower  Upper
165  100
 63   62.1   48.9   73.3
 89   70.8   57.5   86.3
182    2.5    2.0    3.0
```

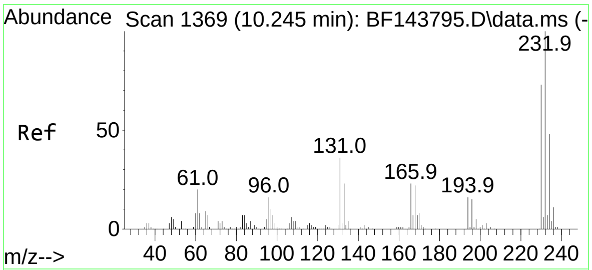


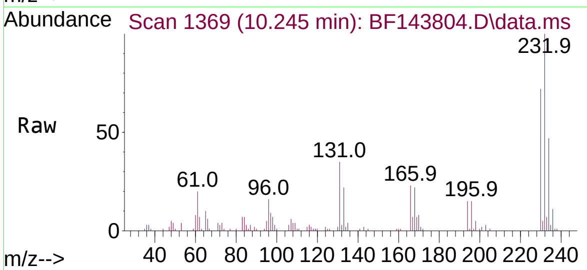


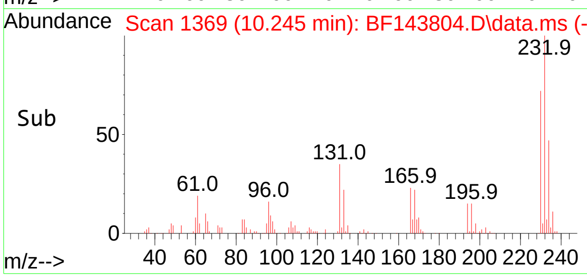

```
#58
Fluorene
Concen:   42.689 ng
RT:  10.475 min  Scan# 1408
Delta R.T.   -0.000 min
Lab File:    BF143804.D
Acq: 25 Sep 2025  14:16

Tgt Ion:166 Resp:  699412
Ion  Ratio  Lower  Upper
166  100
165   97.3   78.0  117.0
167   13.4   10.9   16.3
```



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18



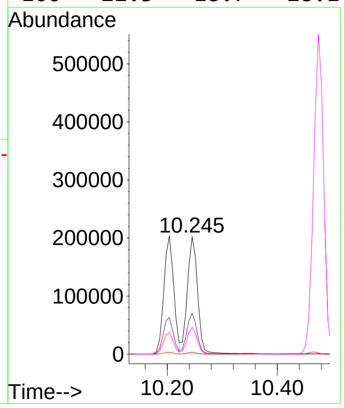




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.578 ng
RT: 10.245 min Scan# 13
Delta R.T. -0.000 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion:232 Resp: 26285

Ion	Ratio	Lower	Upper
232	100		
131	34.6	29.4	44.2
130	1.5	1.3	1.9
166	22.3	18.7	28.1



Instrument :
BNA_F
ClientSampleId :
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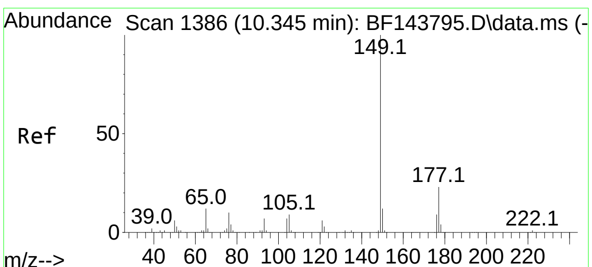
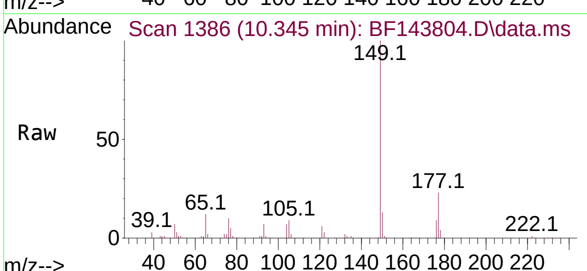
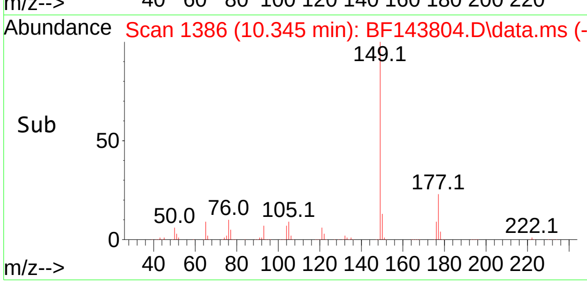


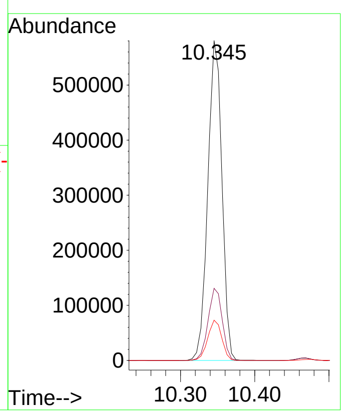




#60
Diethylphthalate
Concen: 45.548 ng
RT: 10.345 min Scan# 1386
Delta R.T. -0.000 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion:149 Resp: 767269

Ion	Ratio	Lower	Upper
149	100		
177	22.5	18.1	27.1
150	12.6	9.7	14.5



Instrument : BNA_F
ClientSampleId : PB169827BS

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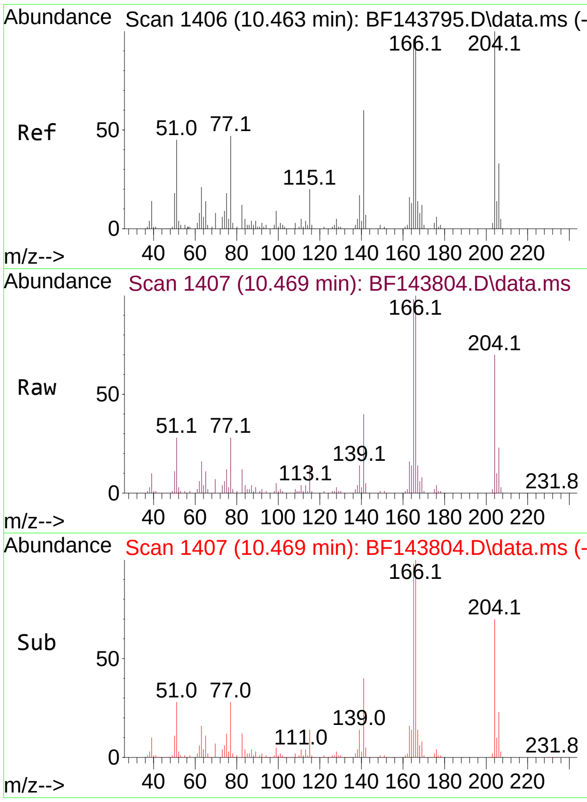
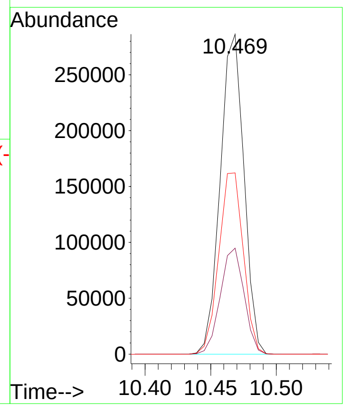
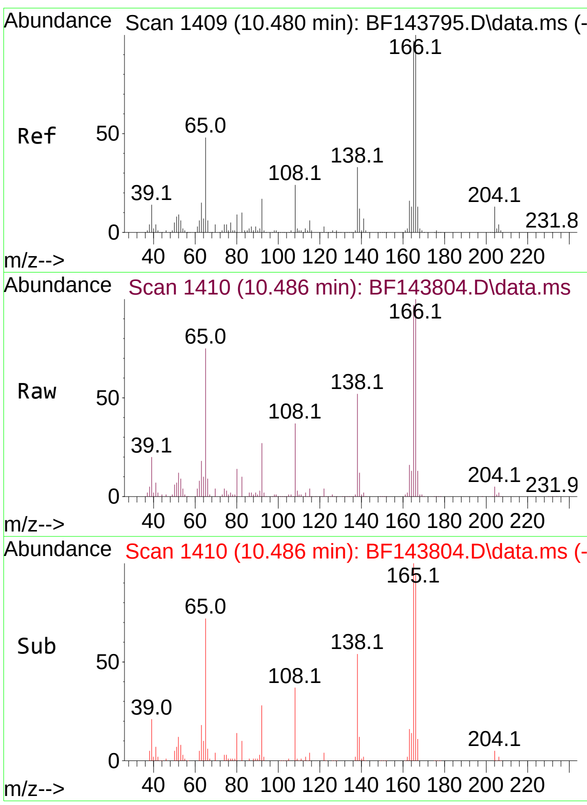


#61
4-Chlorophenyl-phenylether
Concen: 43.204 ng
RT: 10.469 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion:204 Resp: 36066

Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.7	40.1
141	56.6	48.2	72.2

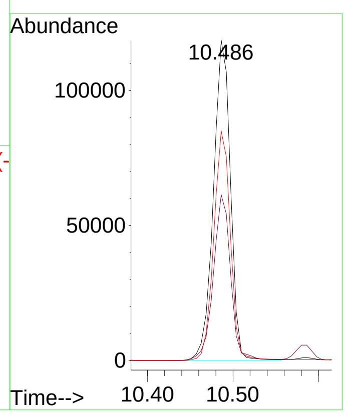




#62
4-Nitroaniline
Concen: 48.768 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion:138 Resp: 164334

Ion	Ratio	Lower	Upper
138	100		
92	51.7	31.5	71.5
108	71.6	51.9	91.9



Instrument :
BNA_F
ClientSampleId :
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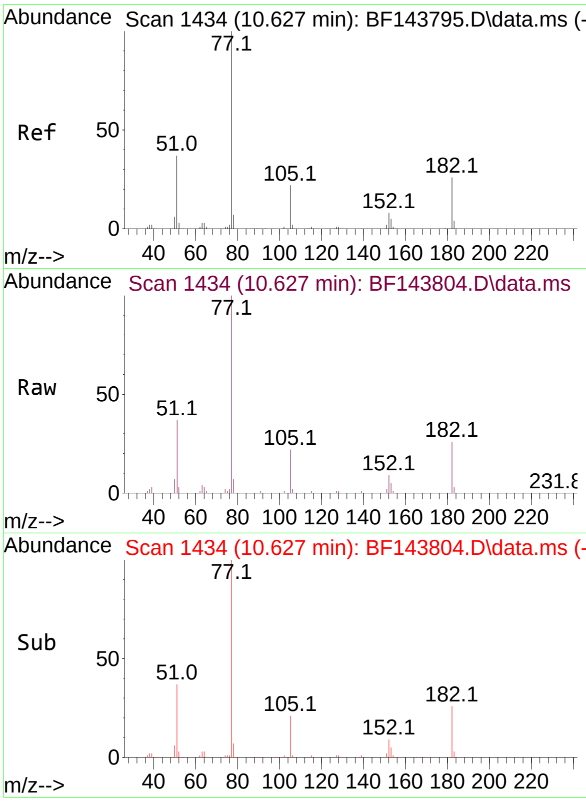
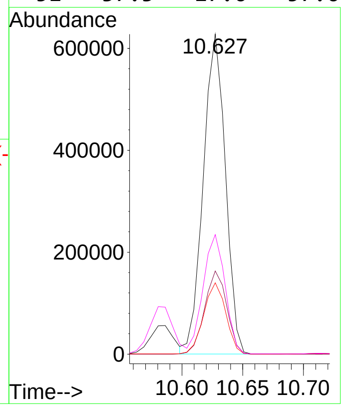
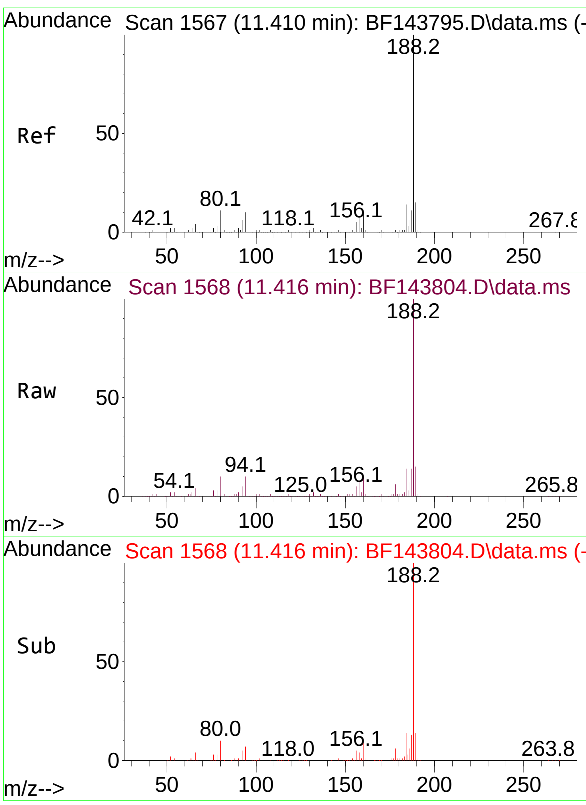


#63
Azobenzene
Concen: 44.894 ng
RT: 10.627 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion: 77 Resp: 79700

Ion	Ratio	Lower	Upper
77	100		
182	26.0	5.9	45.9
105	22.3	2.3	42.3
51	37.3	17.6	57.6

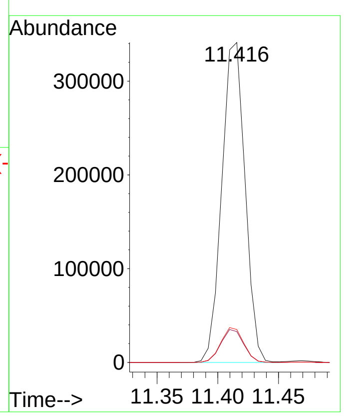




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. -0.000 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion:188 Resp: 455131

Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.2	12.2
80	10.3	8.6	12.8



Instrument :
BNA_F
ClientSampleId :
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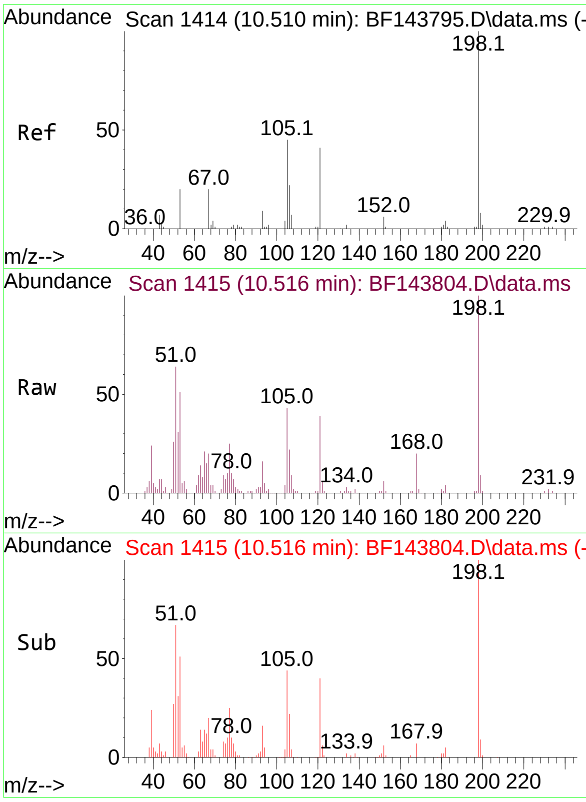
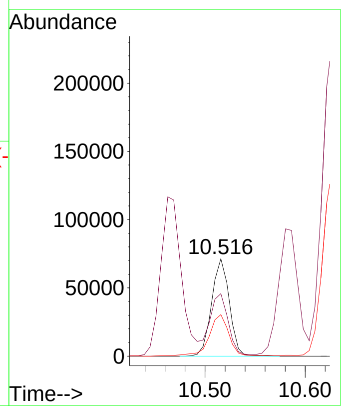
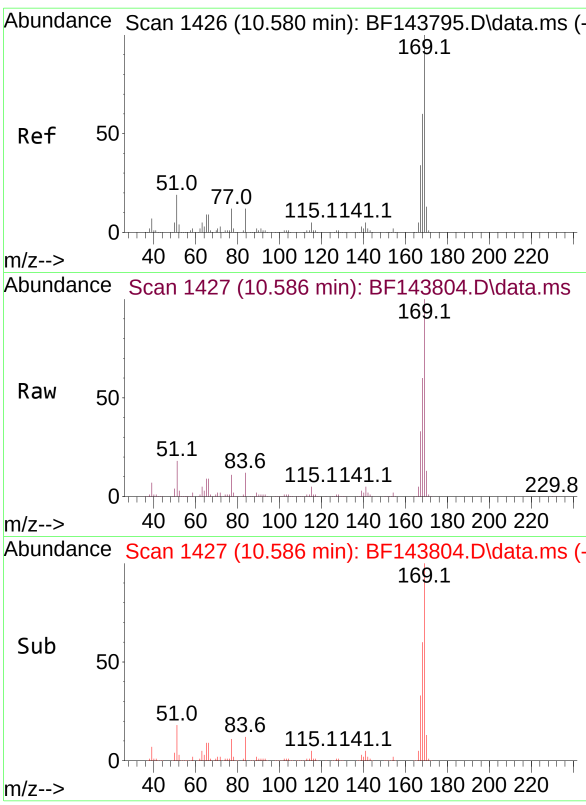


#65
4,6-Dinitro-2-methylphenol
Concen: 51.358 ng
RT: 10.516 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion:198 Resp: 87321

Ion	Ratio	Lower	Upper
198	100		
51	64.3	52.0	92.0
105	42.7	27.5	67.5

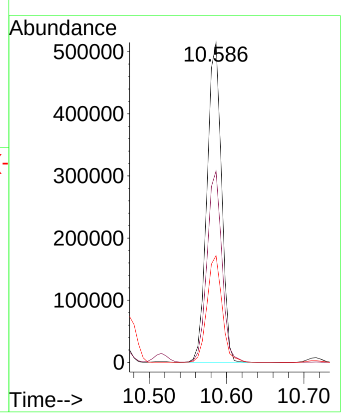




#66
n-Nitrosodiphenylamine
Concen: 44.861 ng
RT: 10.586 min Scan# 1427
Delta R.T. -0.000 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion:169 Resp: 671478

Ion	Ratio	Lower	Upper
169	100		
168	59.8	47.9	71.9
167	33.4	27.0	40.6



Instrument :
BNA_F
ClientSampleId :
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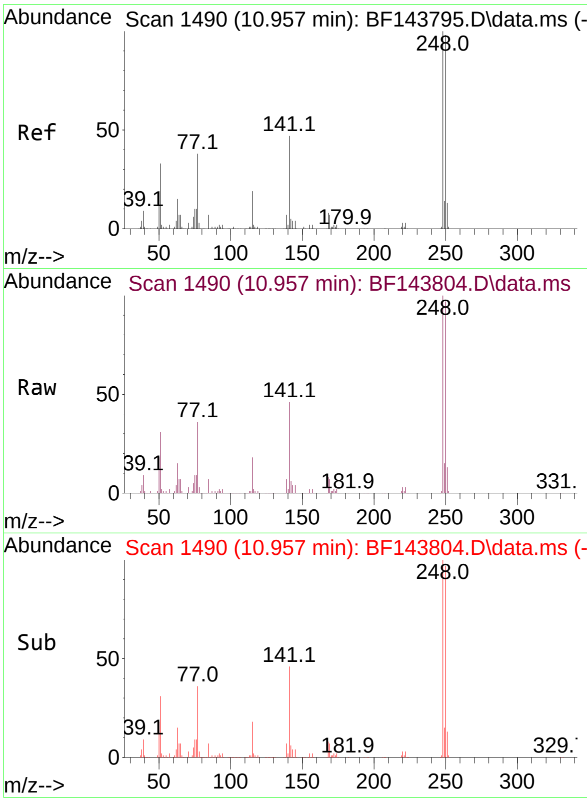
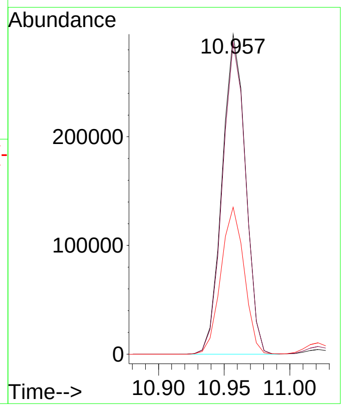
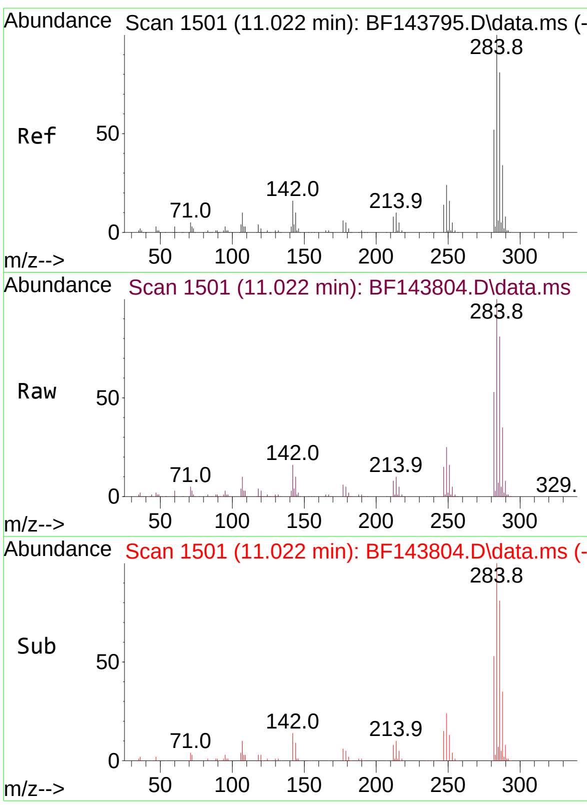
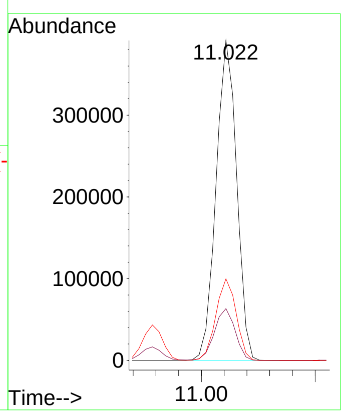


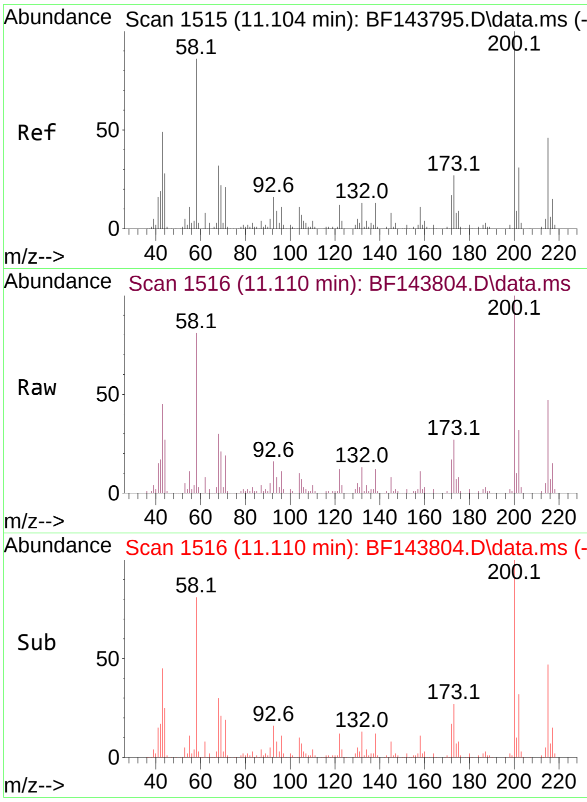

```
#67
4-Bromophenyl-phenylether
Concen:   46.988 ng
RT:  10.957 min  Scan# 14
Delta R.T.  -0.000 min
Lab File:   BF143804.D
Acq: 25 Sep 2025  14:16

Tgt Ion:248 Resp:  36444
Ion  Ratio  Lower  Upper
248  100
250   97.4   78.7  118.1
141   45.9   37.9   56.9
```






```
#68
Hexachlorobenzene
Concen:   46.029 ng
RT:  11.022 min  Scan# 1501
Delta R.T.  -0.000 min
Lab File:   BF143804.D
Acq: 25 Sep 2025  14:16

Tgt Ion:284 Resp:  491991
Ion  Ratio  Lower  Upper
284  100
142   16.2   13.1   19.7
249   25.5   19.5   29.3
```

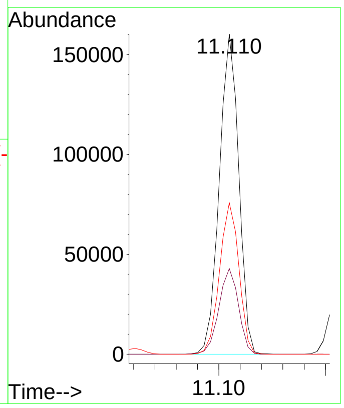




#69
Atrazine
Concen: 46.880 ng
RT: 11.110 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion:200 Resp: 20319

Ion	Ratio	Lower	Upper
200	100		
173	26.7	7.2	47.2
215	47.3	26.0	66.0



Instrument :
BNA_F
ClientSampleId :
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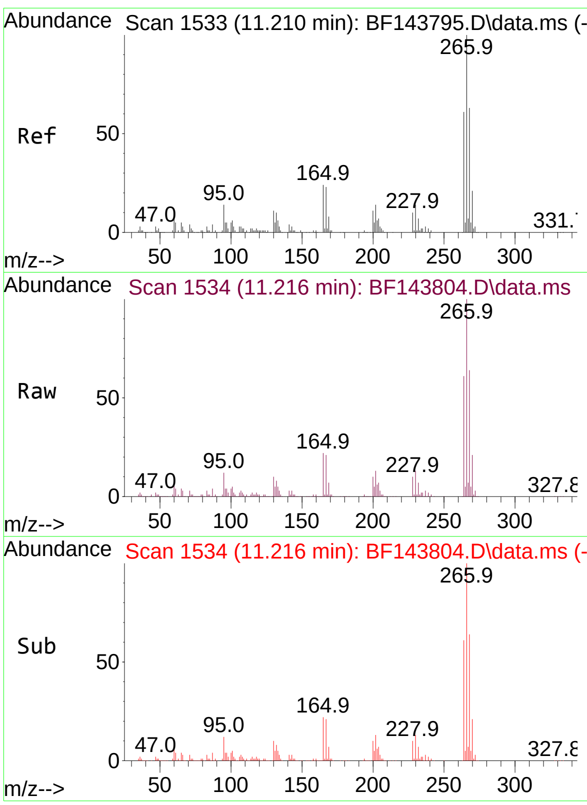
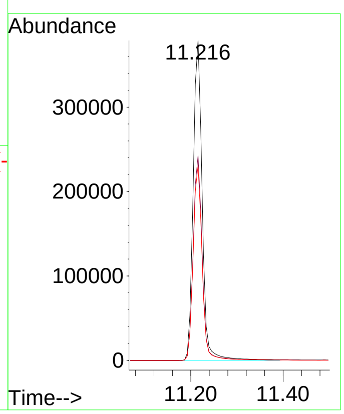
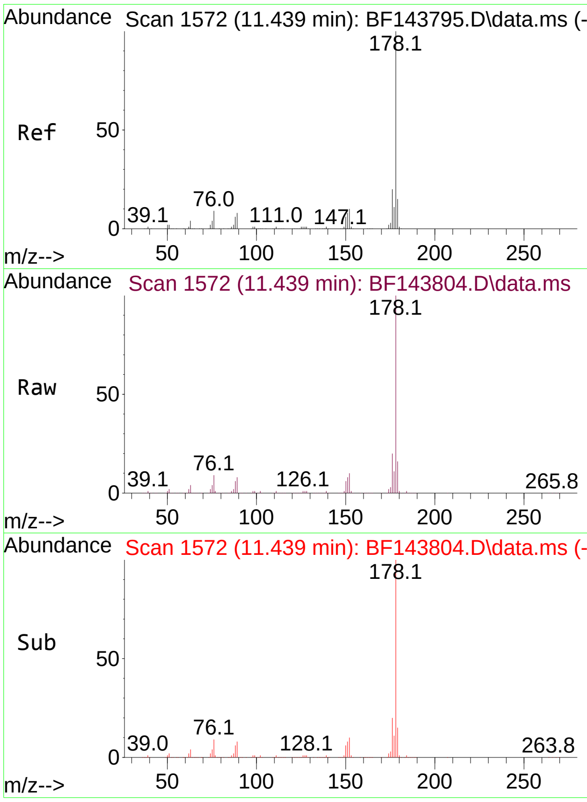


#70
Pentachlorophenol
Concen: 97.219 ng
RT: 11.216 min Scan# 1534
Delta R.T. -0.000 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion:266 Resp: 517265

Ion	Ratio	Lower	Upper
266	100		
268	64.0	50.5	75.7
264	61.0	48.8	73.2





#71
Phenanthrene
Concen: 43.443 ng
RT: 11.439 min Scan# 15
Delta R.T. -0.000 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion:178 Resp: 101511

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.6	23.4
179	15.5	12.2	18.4

Instrument :
BNA_F
ClientSampleId :
PB169827BS

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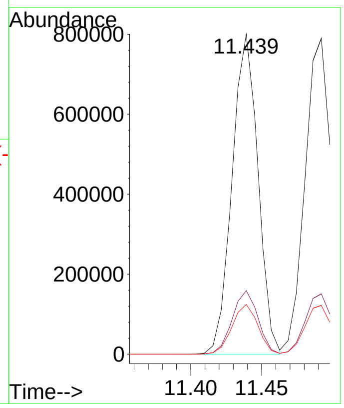
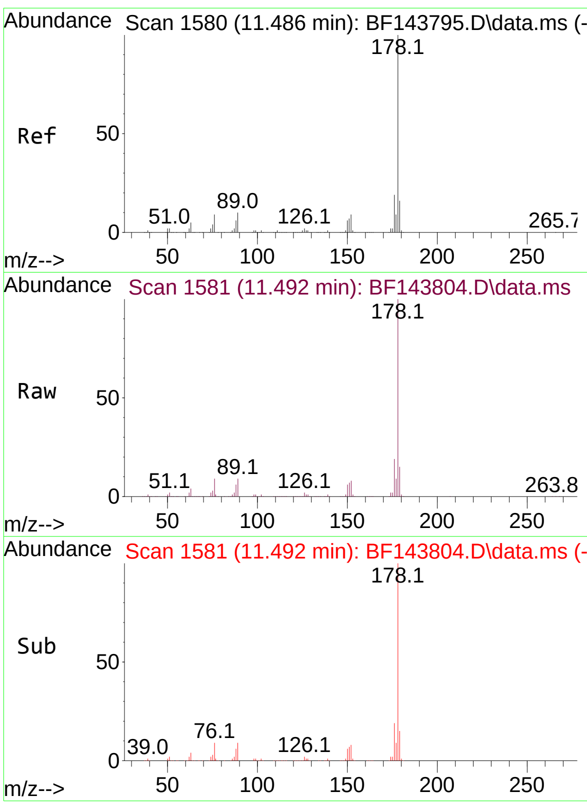
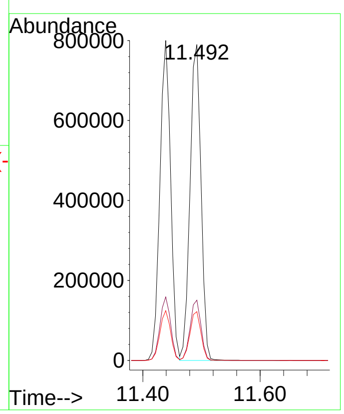




#72
Anthracene
Concen: 43.931 ng
RT: 11.492 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion:178 Resp: 1029676

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.4	12.8	19.2



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

Instrument : BNA_F
ClientSampleId : PB169827BS

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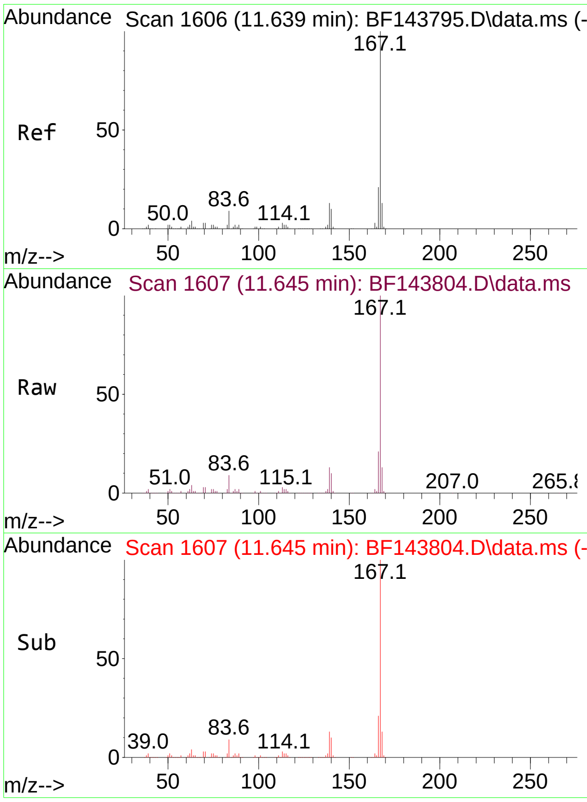
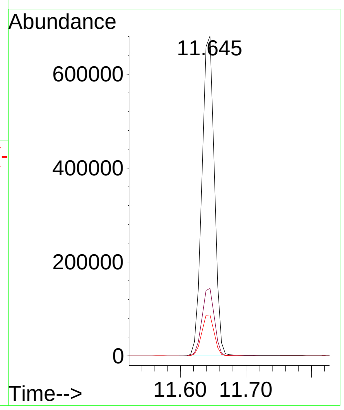
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

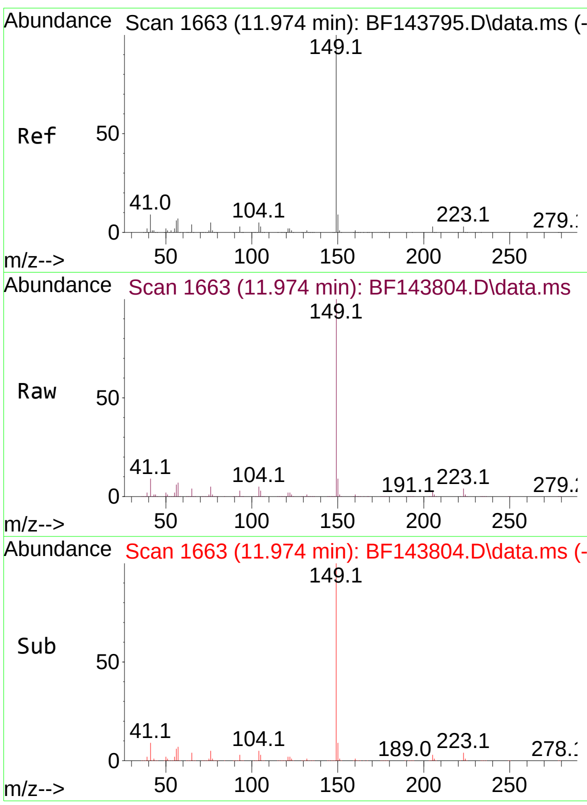


#73
Carbazole
Concen: 43.666 ng
RT: 11.645 min Scan# 16
Delta R.T. -0.000 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion:167 Resp: 894842

Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.0	25.4
139	12.8	10.6	15.8

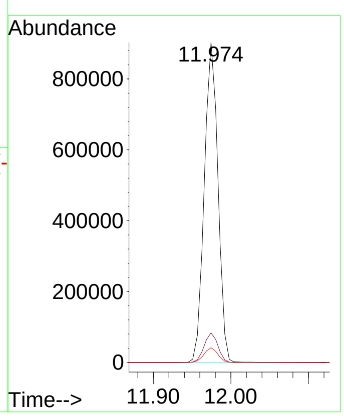




#74
Di-n-butylphthalate
Concen: 46.909 ng
RT: 11.974 min Scan# 1663
Delta R.T. -0.000 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion:149 Resp: 1105559

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.3	10.9
104	4.6	3.6	5.4



Instrument : BNA_F
ClientSampleId : PB169827BS

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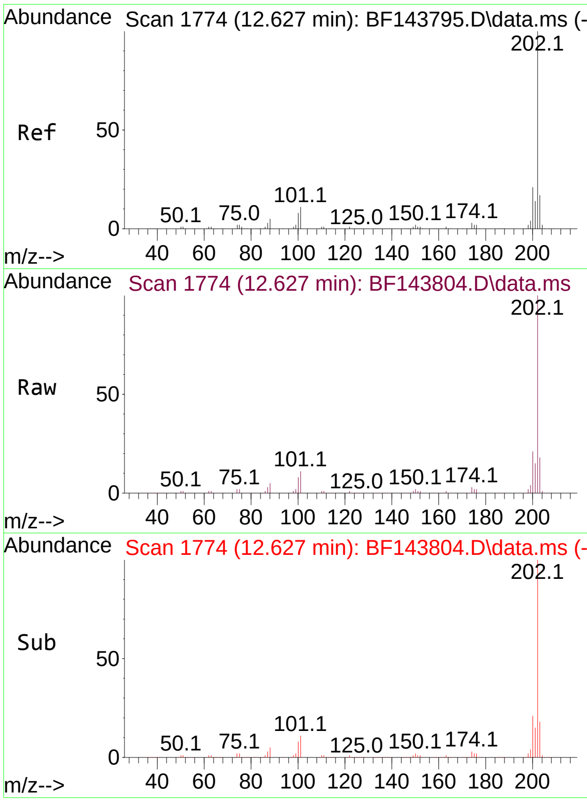
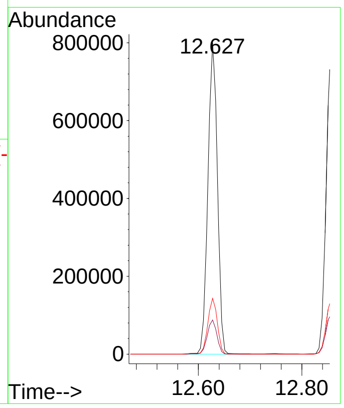
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

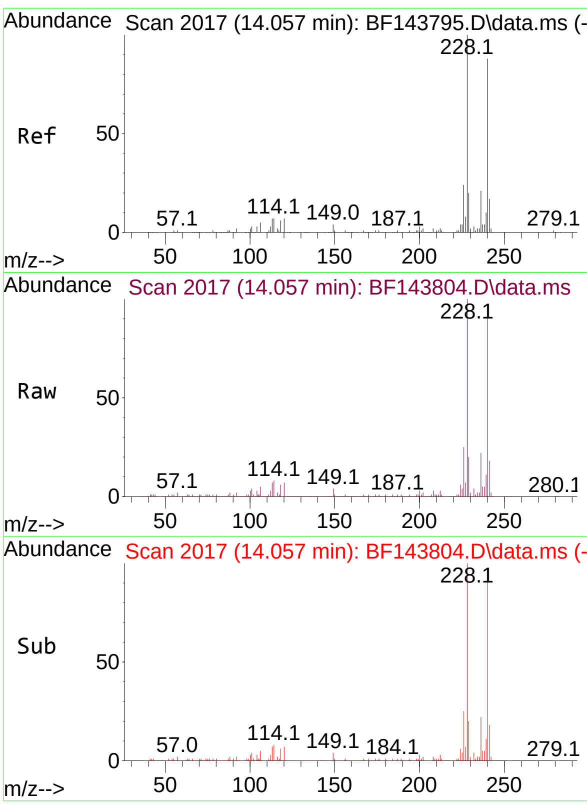


#75
Fluoranthene
Concen: 43.497 ng
RT: 12.627 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion:202 Resp: 102223

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	31.1
203	17.9	0.0	37.4

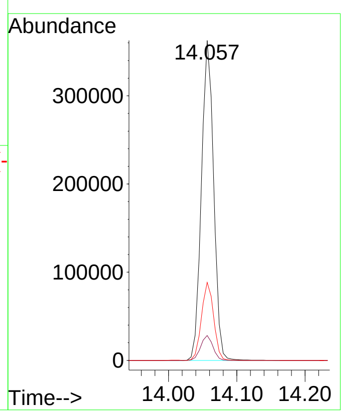


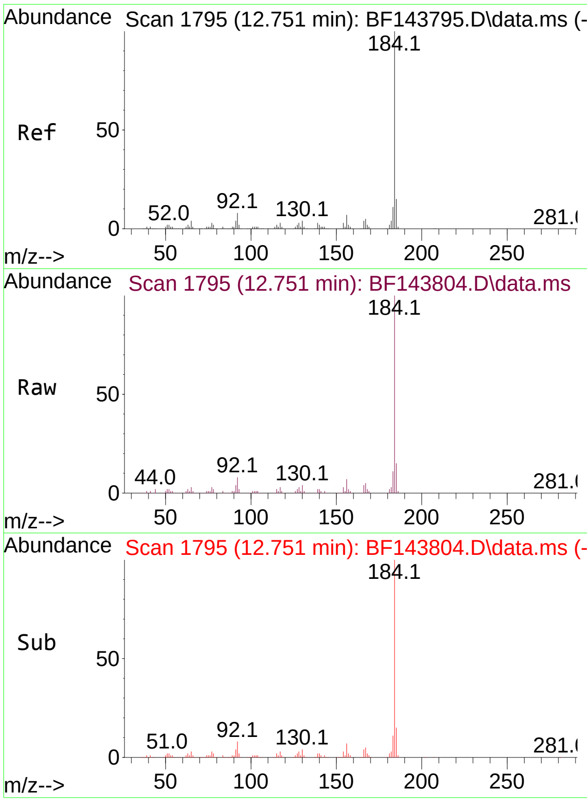


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion:240 Resp: 452412

Ion	Ratio	Lower	Upper
240	100		
120	7.8	6.2	9.4
236	24.4	19.4	29.2

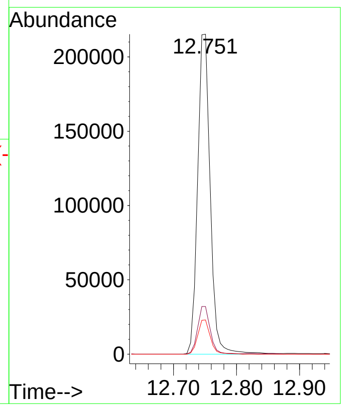




#77
Benzidine
Concen: 27.143 ng
RT: 12.751 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion:184 Resp: 29923

Ion	Ratio	Lower	Upper
184	100		
185	14.9	11.6	17.4
183	10.7	8.6	13.0



Instrument :
BNA_F
ClientSampleId :
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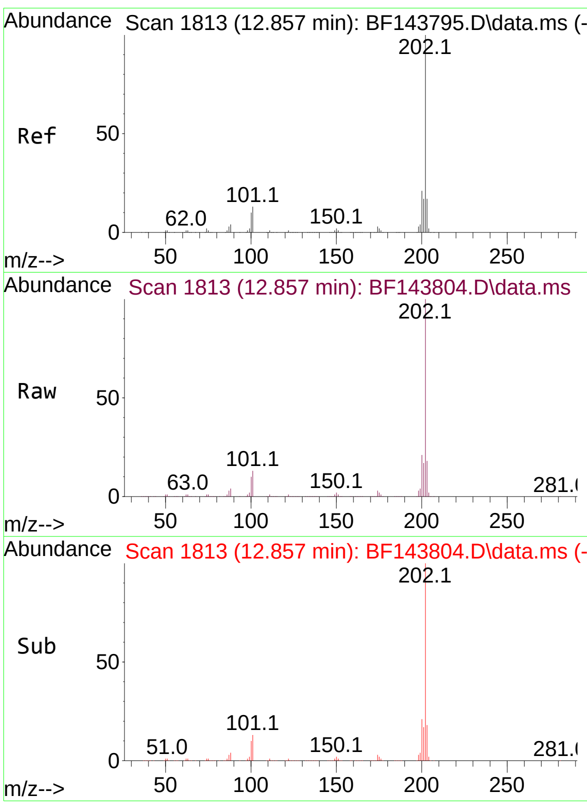
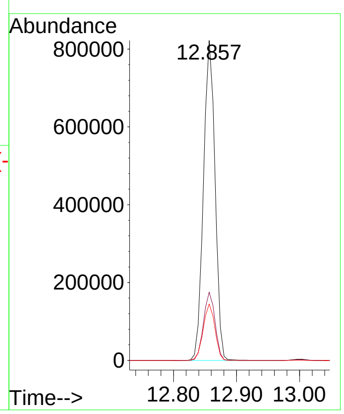
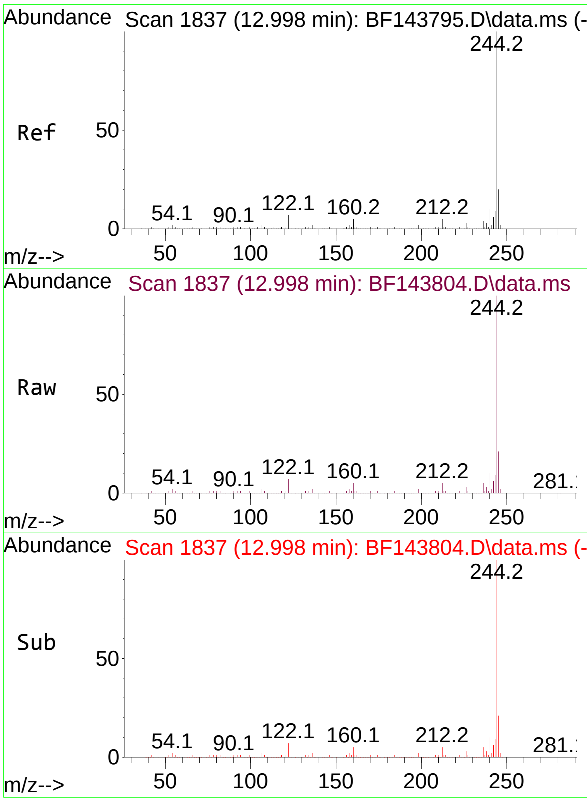


#78
Pyrene
Concen: 47.181 ng
RT: 12.857 min Scan# 1813
Delta R.T. -0.000 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion:202 Resp: 1049427

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.0	25.4
203	17.6	13.9	20.9

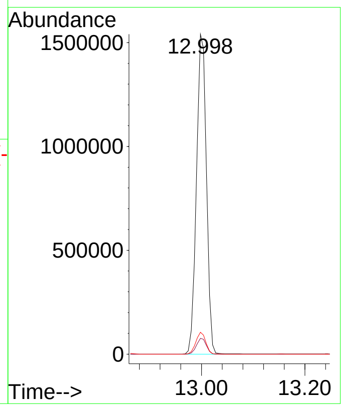




#79
Terphenyl-d14
Concen: 92.433 ng
RT: 12.998 min Scan# 18
Delta R.T. -0.006 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion:244 Resp: 205620

Ion	Ratio	Lower	Upper
244	100		
212	4.9	3.9	5.9
122	6.9	5.6	8.4



Instrument :
BNA_F
ClientSampleId :
PB169827BS

Manual Integrations
APPROVED
Reviewed By :Rahul Chavli 09/26/2025
Supervised By :Jagrut Upadhyay 09/26/2025

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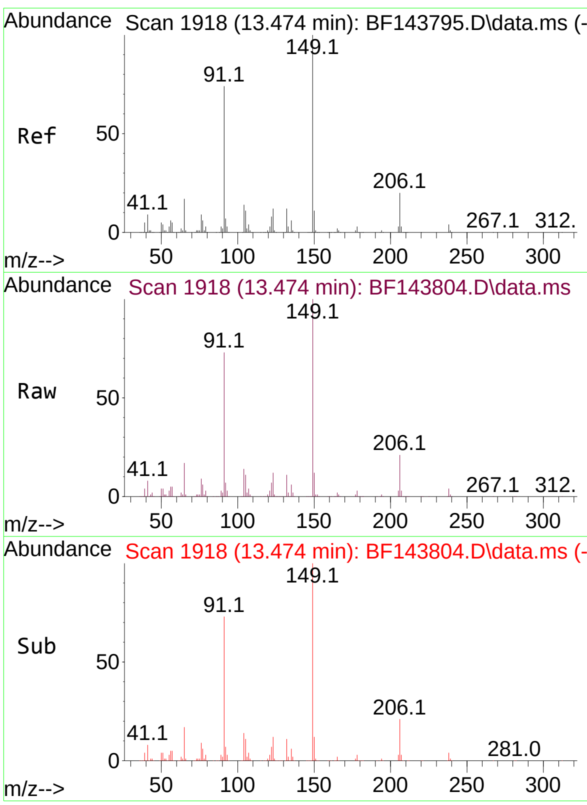
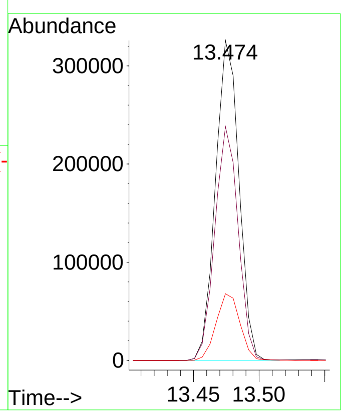


#80
Butylbenzylphthalate
Concen: 52.890 ng
RT: 13.474 min Scan# 1918
Delta R.T. -0.006 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

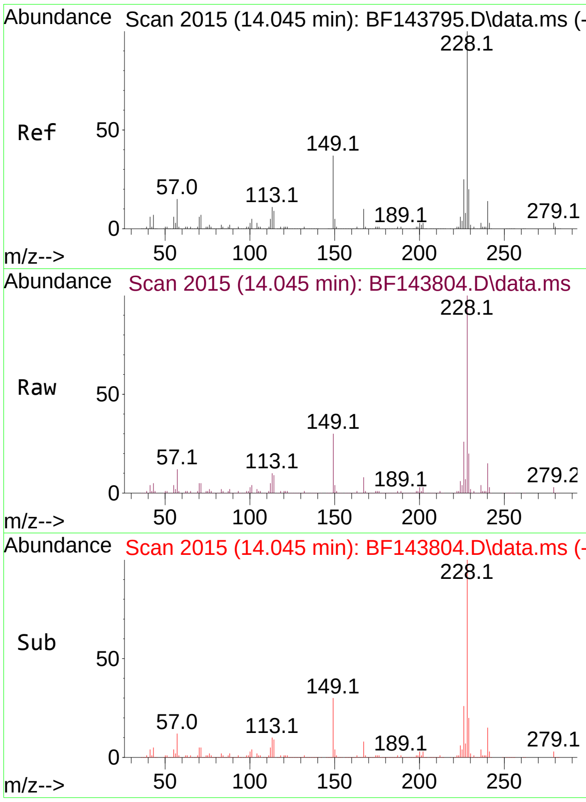
Tgt Ion:149 Resp: 407004

Ion	Ratio	Lower	Upper
149	100		
91	73.0	59.5	89.3
206	20.8	16.1	24.1



Instrument :
BNA_F
ClientSampleId :
PB169827BS

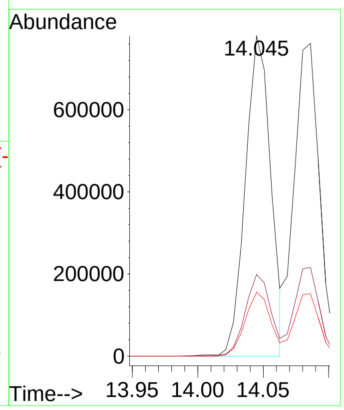
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 09/26/2025
Supervised By :Jagrut Upadhyay 09/26/2025

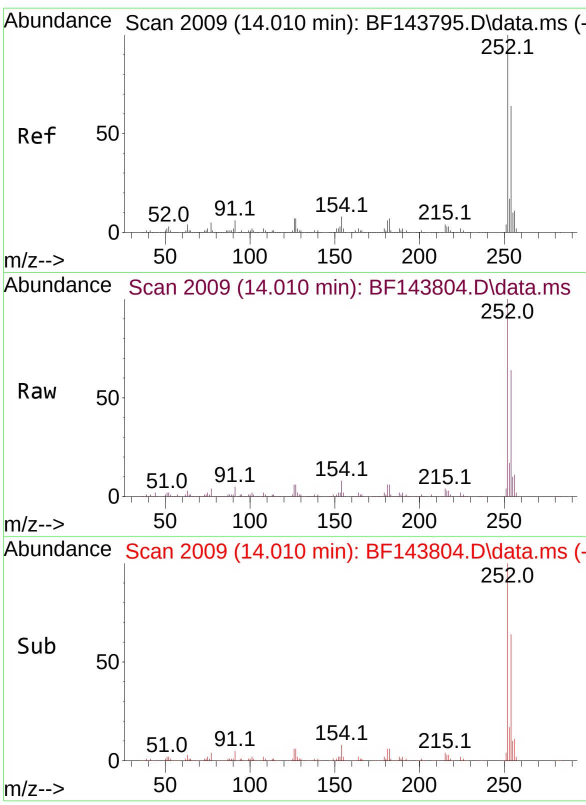


#81
Benzo(a)anthracene
Concen: 43.134 ng
RT: 14.045 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion:228 Resp: 104835

Ion	Ratio	Lower	Upper
228	100		
226	25.5	20.2	30.2
229	20.0	16.1	24.1

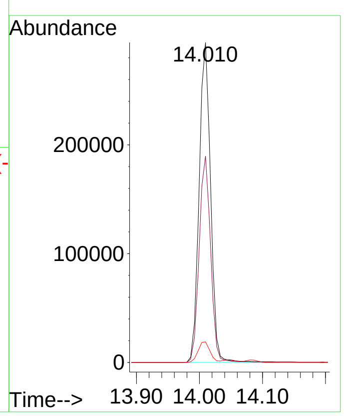




#82
3,3'-Dichlorobenzidine
Concen: 35.360 ng
RT: 14.010 min Scan# 2009
Delta R.T. -0.000 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion:252 Resp: 372315

Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.5	77.3
126	6.4	5.4	8.2

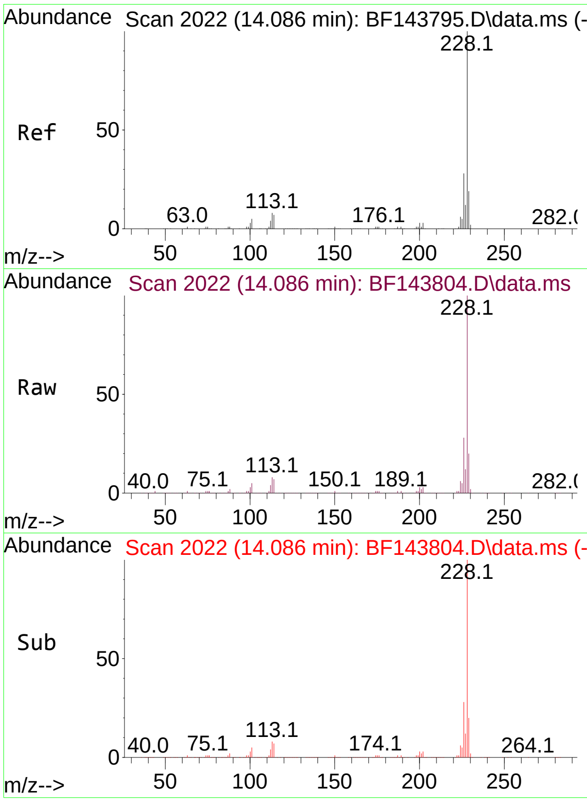


1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

Instrument :
BNA_F
ClientSampleId :
PB169827BS

Manual Integrations APPROVED

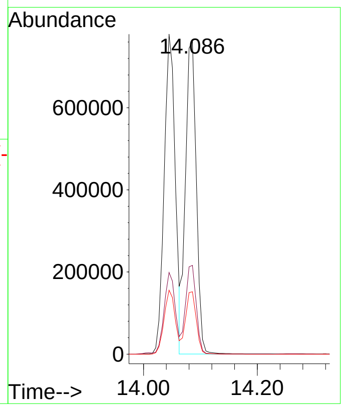
Reviewed By :Rahul Chavli 09/26/2025
Supervised By :Jagrut Upadhyay 09/26/2025

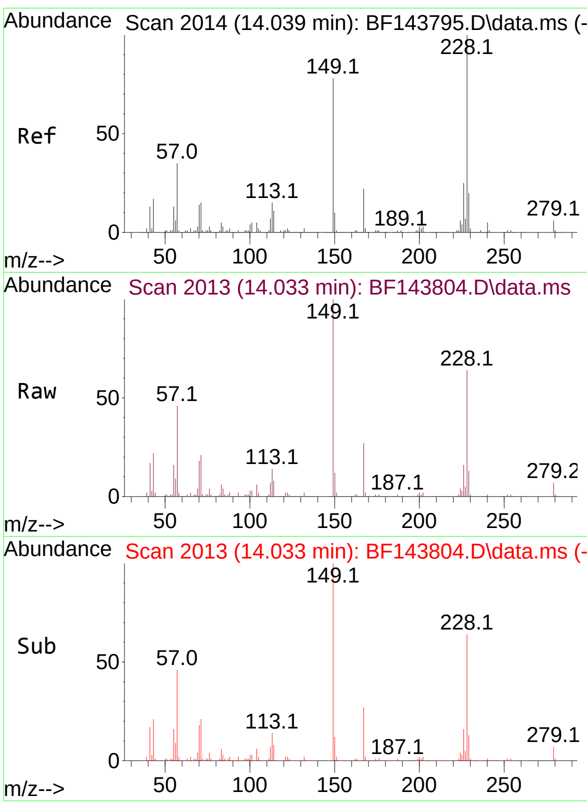


#83
Chrysene
Concen: 46.164 ng
RT: 14.086 min Scan# 20
Delta R.T. -0.000 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion:228 Resp: 1015236

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	33.8
229	19.9	15.6	23.4

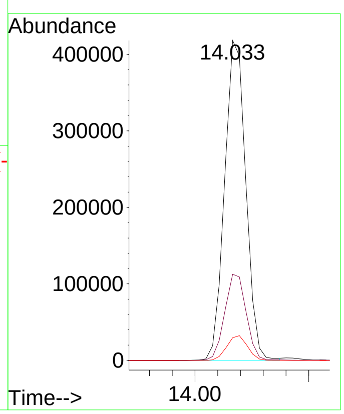




#84
Bis(2-ethylhexyl)phthalate
Concen: 48.147 ng
RT: 14.033 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

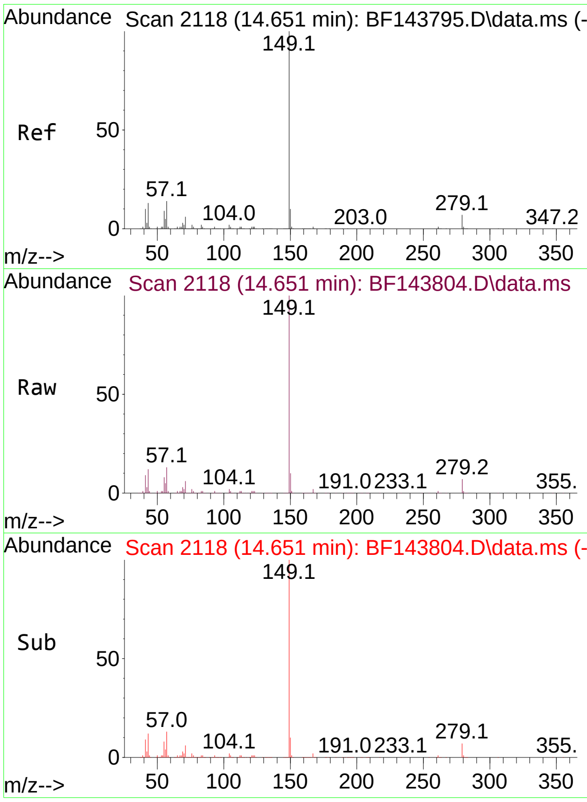
Tgt Ion:149 Resp: 543078

Ion	Ratio	Lower	Upper
149	100		
167	26.9	22.2	33.2
279	7.1	6.0	9.0



Instrument :
BNA_F
ClientSampleId :
PB169827BS

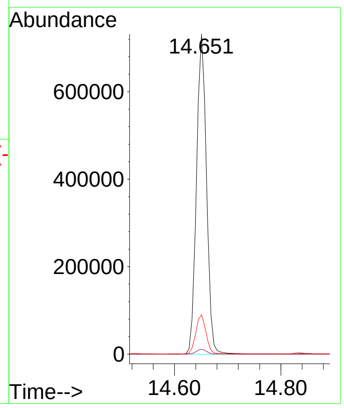
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 09/26/2025
Supervised By :Jagrut Upadhyay 09/26/2025

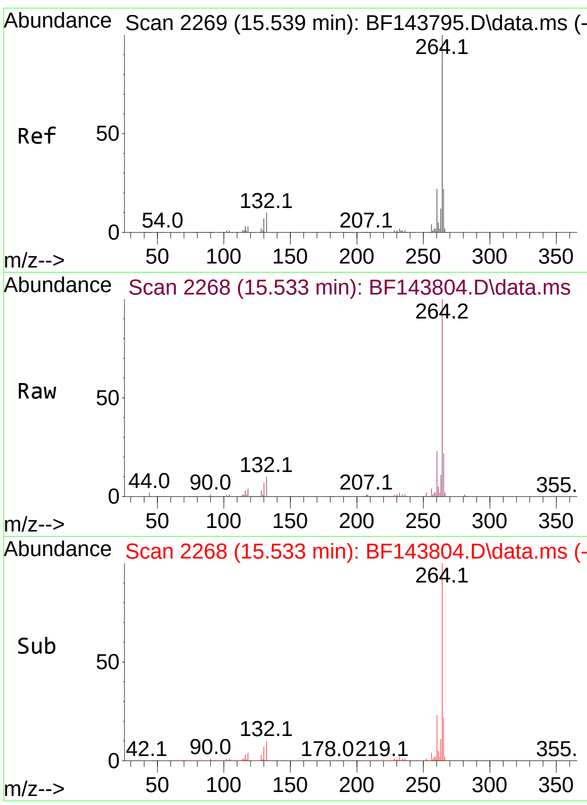


#85
Di-n-octyl phthalate
Concen: 46.790 ng
RT: 14.651 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion:149 Resp: 95734

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.1	1.7
43	12.5	10.7	16.1

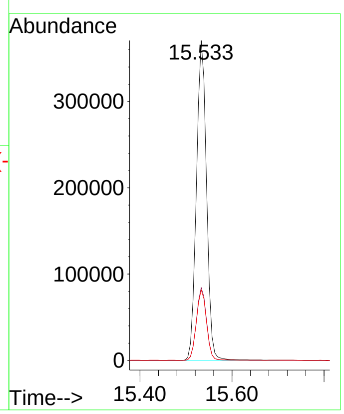




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

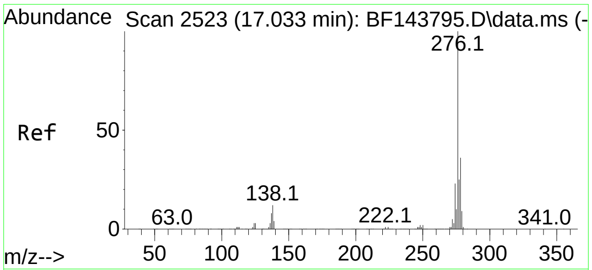
Tgt Ion:264 Resp: 566269

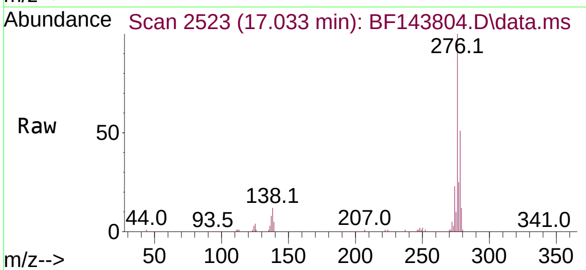
Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.9	26.9
265	22.0	17.7	26.5

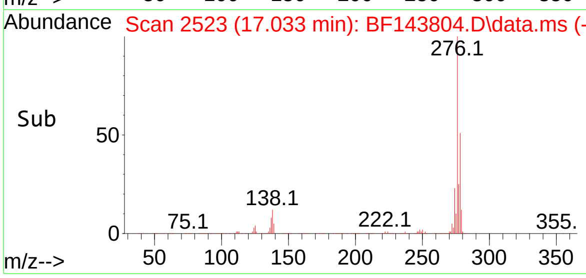


Instrument : BNA_F
ClientSampleId : PB169827BS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 09/26/2025
Supervised By :Jagrut Upadhyay 09/26/2025



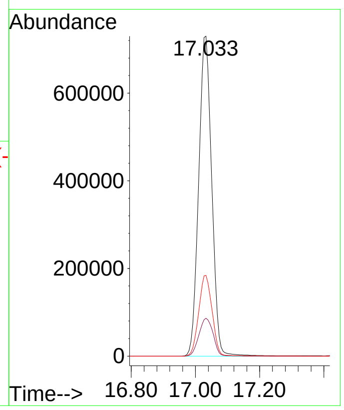


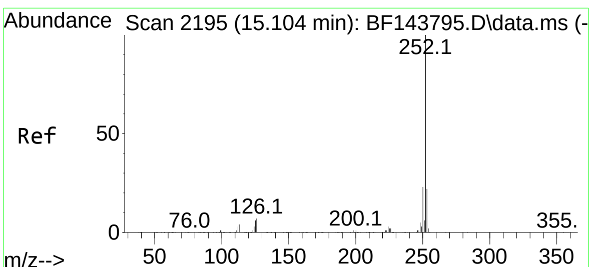


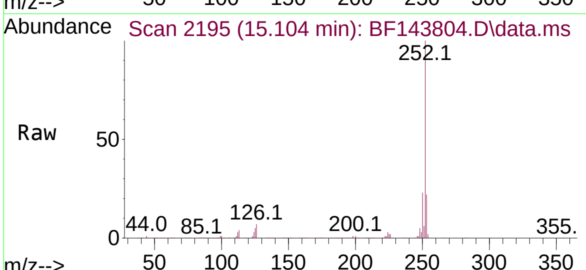
#87
Indeno(1,2,3-cd)pyrene
Concen: 47.915 ng
RT: 17.033 min Scan# 25
Delta R.T. -0.012 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

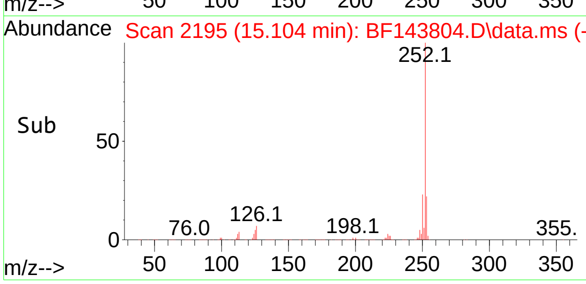
Tgt Ion:276 Resp: 205867

Ion	Ratio	Lower	Upper
276	100		
138	12.8	10.6	15.8
277	25.8	20.7	31.1





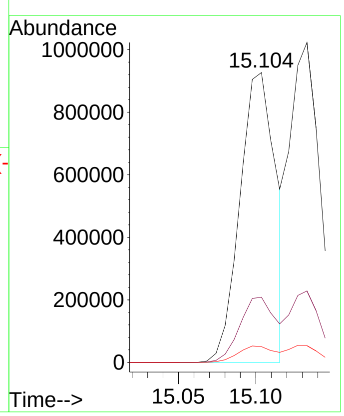




#88
Benzo(b)fluoranthene
Concen: 51.580 ng
RT: 15.104 min Scan# 2195
Delta R.T. -0.000 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion:252 Resp: 1487418

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	5.5	4.4	6.6

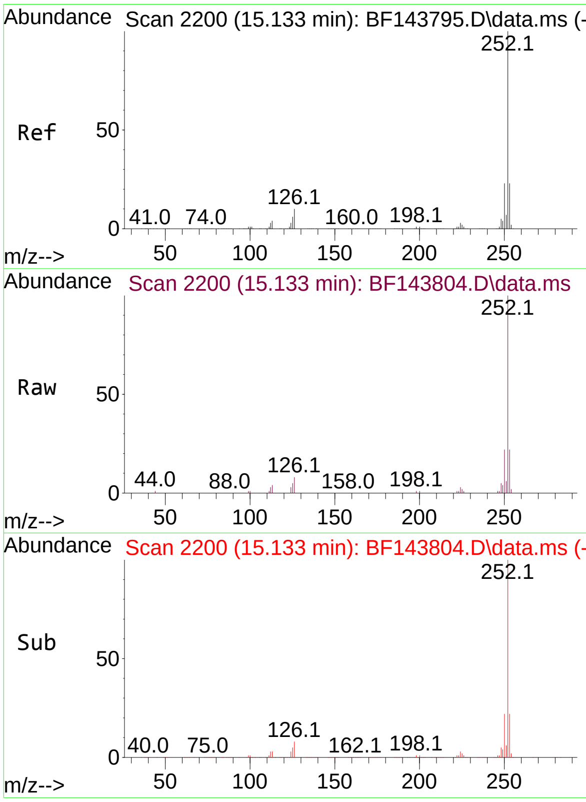


1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

Instrument :
BNA_F
ClientSampleId :
PB169827BS

Manual Integrations
APPROVED

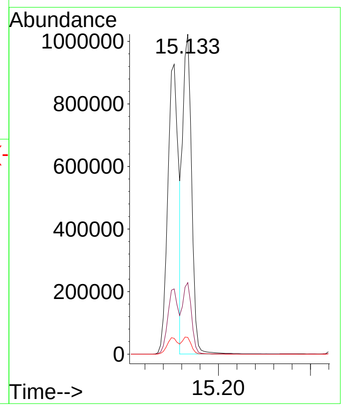
Reviewed By :Rahul Chavli 09/26/2025
Supervised By :Jagrut Upadhyay 09/26/2025

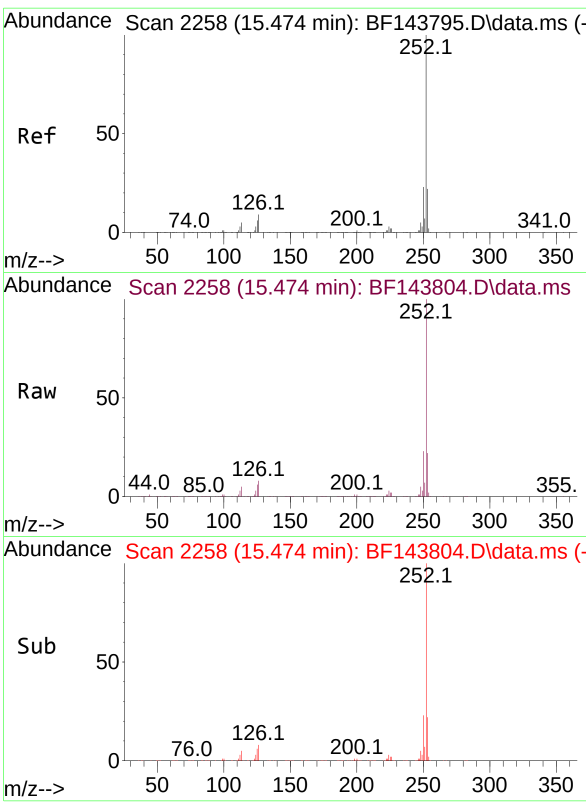


#89
Benzo(k)fluoranthene
Concen: 48.218 ng
RT: 15.133 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion:252 Resp: 139696

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	5.3	4.6	6.8

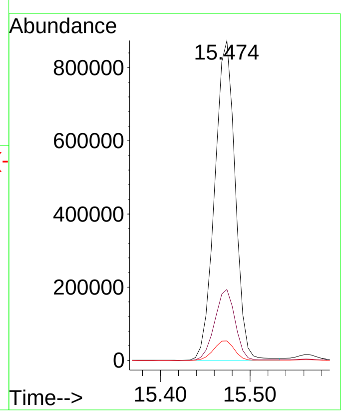




#90
Benzo(a)pyrene
Concen: 51.517 ng
RT: 15.474 min Scan# 2258
Delta R.T. -0.006 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion:252 Resp: 1396443

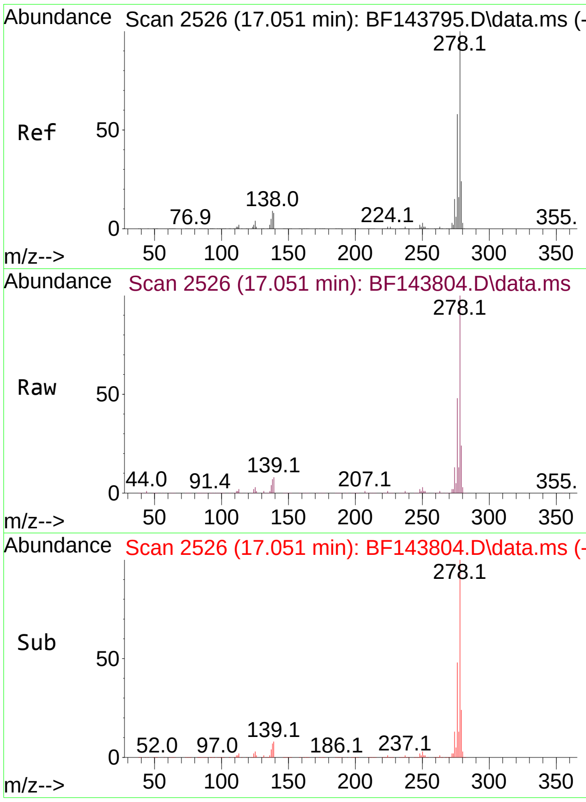
Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	6.1	5.0	7.4



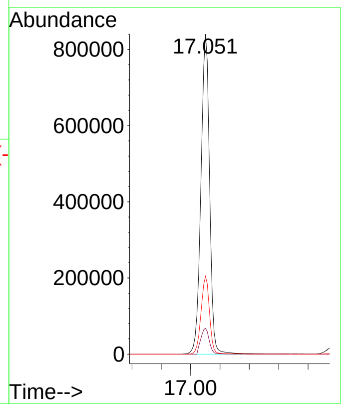
Instrument :
BNA_F
ClientSampleId :
PB169827BS

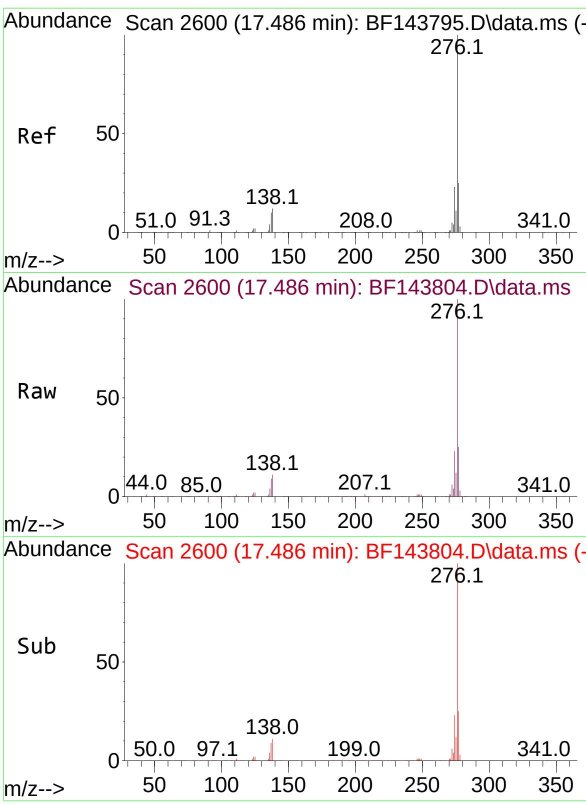
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/26/2025
Supervised By :Jagrut Upadhyay 09/26/2025

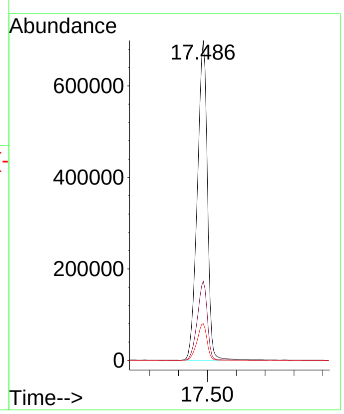



```
#91
Dibenzo(a,h)anthracene
Concen:   49.195 ng
RT:  17.051 min  Scan# 25
Delta R.T.  -0.018 min
Lab File:   BF143804.D
Acq: 25 Sep 2025  14:16

Tgt Ion:278 Resp: 1728792
Ion  Ratio  Lower  Upper
278  100
139    8.1    6.7   10.1
279   24.3   19.3   28.9
```






```
#92
Benzo(g,h,i)perylene
Concen:   50.033 ng
RT:  17.486 min  Scan# 2600
Delta R.T.  -0.018 min
Lab File:   BF143804.D
Acq: 25 Sep 2025  14:16

Tgt Ion:276 Resp: 1694904
Ion  Ratio  Lower  Upper
276  100
277   24.7   19.6   29.4
138   11.5    9.2   13.8
```



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

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

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	09/23/25
Project:	RFP 916	Date Received:	09/23/25
Client Sample ID:	EME-TS14-01MS	SDG No.:	Q3176
Lab Sample ID:	Q3178-02MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	71.4
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
BF143817.D	1	09/25/25 09:25	09/25/25 21:50	PB169827

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	1400		220	460	ug/Kg
108-95-2	Phenol	2200		30.9	240	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	2100		34.0	240	ug/Kg
95-57-8	2-Chlorophenol	2100		34.2	240	ug/Kg
95-48-7	2-Methylphenol	2200		41.8	240	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2000		52.5	240	ug/Kg
98-86-2	Acetophenone	2500		41.3	240	ug/Kg
65794-96-9	3+4-Methylphenols	2100		57.5	460	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	2100		66.3	110	ug/Kg
67-72-1	Hexachloroethane	2000		24.6	240	ug/Kg
98-95-3	Nitrobenzene	2300		25.6	240	ug/Kg
78-59-1	Isophorone	2300		45.9	240	ug/Kg
88-75-5	2-Nitrophenol	2500		81.5	240	ug/Kg
105-67-9	2,4-Dimethylphenol	2400		90.7	240	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	2200		43.1	240	ug/Kg
120-83-2	2,4-Dichlorophenol	2200		39.6	240	ug/Kg
91-20-3	Naphthalene	2100		31.8	240	ug/Kg
106-47-8	4-Chloroaniline	860		49.5	240	ug/Kg
87-68-3	Hexachlorobutadiene	2100		35.4	240	ug/Kg
105-60-2	Caprolactam	2500		72.9	460	ug/Kg
59-50-7	4-Chloro-3-methylphenol	2200		40.2	240	ug/Kg
91-57-6	2-Methylnaphthalene	1900		35.8	240	ug/Kg
77-47-4	Hexachlorocyclopentadiene	4000	E	160	460	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2400		27.7	240	ug/Kg
95-95-4	2,4,5-Trichlorophenol	2200		40.7	240	ug/Kg
92-52-4	1,1-Biphenyl	2400		30.5	240	ug/Kg
91-58-7	2-Chloronaphthalene	2200		31.5	240	ug/Kg
88-74-4	2-Nitroaniline	2700		67.3	240	ug/Kg
131-11-3	Dimethylphthalate	2300		37.9	240	ug/Kg

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

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	09/23/25
Project:	RFP 916	Date Received:	09/23/25
Client Sample ID:	EME-TS14-01MS	SDG No.:	Q3176
Lab Sample ID:	Q3178-02MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	71.4
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
BF143817.D	1	09/25/25 09:25	09/25/25 21:50	PB169827

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	2500		40.4	240	ug/Kg
606-20-2	2,6-Dinitrotoluene	2900		47.0	240	ug/Kg
99-09-2	3-Nitroaniline	1800		64.4	240	ug/Kg
83-32-9	Acenaphthene	2200		29.8	240	ug/Kg
51-28-5	2,4-Dinitrophenol	3000		320	460	ug/Kg
100-02-7	4-Nitrophenol	5300	E	150	460	ug/Kg
132-64-9	Dibenzofuran	2200		31.8	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	2600		70.1	240	ug/Kg
84-66-2	Diethylphthalate	2300		39.6	240	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	2200		37.4	240	ug/Kg
86-73-7	Fluorene	2200		35.4	240	ug/Kg
100-01-6	4-Nitroaniline	2500		89.9	240	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1700		140	460	ug/Kg
86-30-6	n-Nitrosodiphenylamine	2100		46.0	240	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2100		38.9	240	ug/Kg
118-74-1	Hexachlorobenzene	2100		35.4	240	ug/Kg
1912-24-9	Atrazine	2300		47.6	240	ug/Kg
87-86-5	Pentachlorophenol	5200	E	71.8	460	ug/Kg
85-01-8	Phenanthrene	2200		29.3	240	ug/Kg
120-12-7	Anthracene	2300		46.6	240	ug/Kg
86-74-8	Carbazole	2400		43.7	240	ug/Kg
84-74-2	Di-n-butylphthalate	2300		67.0	240	ug/Kg
206-44-0	Fluoranthene	2700		42.0	240	ug/Kg
129-00-0	Pyrene	2100		50.4	240	ug/Kg
85-68-7	Butylbenzylphthalate	2500		99.9	240	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1800		51.4	460	ug/Kg
56-55-3	Benzo(a)anthracene	2300		32.2	240	ug/Kg
218-01-9	Chrysene	2300		27.9	240	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2200		82.9	240	ug/Kg
117-84-0	Di-n-octyl phthalate	2200		120	460	ug/Kg
205-99-2	Benzo(b)fluoranthene	3000		26.6	240	ug/Kg

Alliance TECHNICAL GROUP

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

Report of Analysis

Client:	Weston Solutions, Inc.			Date Collected:	09/23/25
Project:	RFP 916			Date Received:	09/23/25
Client Sample ID:	EME-TS14-01MS			SDG No.:	Q3176
Lab Sample ID:	Q3178-02MS			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	71.4
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
BF143817.D	1	09/25/25 09:25	09/25/25 21:50	PB169827

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	2300		31.4	240	ug/Kg
50-32-8	Benzo(a)pyrene	2500		41.3	240	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600		40.7	240	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1600		38.3	240	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1600		36.0	240	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	2400		35.8	240	ug/Kg
123-91-1	1,4-Dioxane	2100		63.3	240	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2700		38.3	240	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	83.4		18 - 112	56%	SPK: 150
13127-88-3	Phenol-d6	85.1		15 - 107	57%	SPK: 150
4165-60-0	Nitrobenzene-d5	62.6		18 - 107	63%	SPK: 100
321-60-8	2-Fluorobiphenyl	49.8		20 - 109	50%	SPK: 100
118-79-6	2,4,6-Tribromophenol	83.2		10 - 116	55%	SPK: 150
1718-51-0	Terphenyl-d14	48.3		10 - 105	48%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	121000	6.886			
1146-65-2	Naphthalene-d8	419000	8.169			
15067-26-2	Acenaphthene-d10	197000	9.922			
1517-22-2	Phenanthrene-d10	339000	11.41			
1719-03-5	Chrysene-d12	466000	14.062			
1520-96-3	Perylene-d12	480000	15.533			

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\BF092525\
Data File : BF143817.D
Acq On : 25 Sep 2025 21:50
Operator : RC/JU
Sample : Q3178-02MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EME-TS14-01MS

Quant Time: Sep 25 23:26:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 05:00:00 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	121227	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	419443	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	197016	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	338625	20.000	ng	0.00
76) Chrysene-d12	14.062	240	466221	20.000	ng	0.00
86) Perylene-d12	15.533	264	479520	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	622010	83.363	ng	0.00
7) Phenol-d6	6.504	99	733982	85.136	ng	0.00
23) Nitrobenzene-d5	7.445	82	428919	62.594	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	242635	83.176	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	629128	49.831	ng	0.00
79) Terphenyl-d14	12.998	244	1106215	48.255	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.699	88	162491	45.498	ng	98
3) Pyridine	3.463	79	440296	45.672	ng	95
4) n-Nitrosodimethylamine	3.410	42	243497	50.373	ng	93
6) Aniline	6.545	93	316454	25.290	ng	99
8) 2-Chlorophenol	6.669	128	346697	45.387	ng	99
9) Benzaldehyde	6.434	77	231488	30.662	ng	99
10) Phenol	6.522	94	470295	46.931	ng	98
11) bis(2-Chloroethyl)ether	6.616	93	360646	45.912	ng	99
12) 1,3-Dichlorobenzene	6.828	146	405018	45.667	ng	99
13) 1,4-Dichlorobenzene	6.904	146	409651	46.284	ng	99
14) 1,2-Dichlorobenzene	7.057	146	388753	46.376	ng	99
15) Benzyl Alcohol	7.022	79	312277	50.129	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	789653	42.394	ng	99
17) 2-Methylphenol	7.134	107	272851	46.138	ng	99
18) Hexachloroethane	7.398	117	135933	43.671	ng	97
19) n-Nitroso-di-n-propyla...	7.292	70	246676	44.495	ng	97
20) 3+4-Methylphenols	7.281	107	329519	45.755	ng	94
22) Acetophenone	7.292	105	496044	53.844	ng	98
24) Nitrobenzene	7.463	77	374991	49.371	ng	98
25) Isophorone	7.704	82	653967	48.975	ng	99
26) 2-Nitrophenol	7.781	139	165168	52.687	ng	97
27) 2,4-Dimethylphenol	7.816	122	310866	52.086	ng	98
28) bis(2-Chloroethoxy)met...	7.916	93	400670	46.185	ng	98
29) 2,4-Dichlorophenol	8.022	162	270872	46.125	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	298708	49.013	ng	99
31) Naphthalene	8.192	128	918353	45.736	ng	100
32) Benzoic acid	7.910	122	189666	65.866	ng	98
33) 4-Chloroaniline	8.233	127	129374	18.335	ng	97
34) Hexachlorobutadiene	8.310	225	207595	45.693	ng	99
35) Caprolactam	8.592	113	81158	54.068	ng	96
36) 4-Chloro-3-methylphenol	8.710	107	257062	46.673	ng	99
37) 2-Methylnaphthalene	8.880	142	530930	41.467	ng	100
38) 1-Methylnaphthalene	8.980	142	536240	43.757	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	308089	51.818	ng	98
41) Hexachlorocyclopentadiene	9.033	237	321513	85.324	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	192682	51.756	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
Data File : BF143817.D
Acq On : 25 Sep 2025 21:50
Operator : RC/JU
Sample : Q3178-02MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MS

Quant Time: Sep 25 23:26:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 05:00:00 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	187630	48.183 ng		99
46) 1,1'-Biphenyl	9.345	154	731116	51.265 ng		99
47) 2-Chloronaphthalene	9.369	162	530383	46.202 ng		100
48) 2-Nitroaniline	9.463	65	197163	56.826 ng		99
49) Acenaphthylene	9.786	152	839183	53.101 ng		100
50) Dimethylphthalate	9.639	163	594435	49.503 ng		99
51) 2,6-Dinitrotoluene	9.704	165	123949	62.825 ng		96
52) Acenaphthene	9.957	154	483438	46.485 ng		100
53) 3-Nitroaniline	9.869	138	91177	38.126 ng		99
54) 2,4-Dinitrophenol	9.975	184	47537	63.893 ng	#	63
55) Dibenzofuran	10.127	168	690882	46.979 ng		100
56) 4-Nitrophenol	10.027	139	220693	114.521 ng		93
57) 2,4-Dinitrotoluene	10.104	165	163310	55.295 ng		99
58) Fluorene	10.474	166	523002	47.838 ng		99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	190538	57.116 ng		97
60) Diethylphthalate	10.345	149	549355	48.872 ng		100
61) 4-Chlorophenyl-phenyle...	10.463	204	259499	46.583 ng		99
62) 4-Nitroaniline	10.480	138	119810	53.282 ng		98
63) Azobenzene	10.627	77	586205	49.483 ng		97
65) 4,6-Dinitro-2-methylph...	10.510	198	42324	36.969 ng		92
66) n-Nitrosodiphenylamine	10.580	169	496491	44.583 ng		99
67) 4-Bromophenyl-phenylether	10.957	248	257415	44.607 ng		97
68) Hexachlorobenzene	11.022	284	354496	44.576 ng		99
69) Atrazine	11.110	200	161262	50.006 ng		97
70) Pentachlorophenol	11.216	266	440851	111.364 ng		99
71) Phenanthrene	11.439	178	812817	46.754 ng		100
72) Anthracene	11.486	178	842097	48.290 ng		99
73) Carbazole	11.645	167	788458	51.713 ng		99
74) Di-n-butylphthalate	11.974	149	865492	49.358 ng		100
75) Fluoranthene	12.627	202	1014060	57.995 ng		99
77) Benzidine	12.751	184	400056	35.214 ng		100
78) Pyrene	12.857	202	1054811	46.019 ng		99
80) Butylbenzylphthalate	13.474	149	417931	52.702 ng		99
81) Benzo(a)anthracene	14.051	228	1226054	48.951 ng		99
82) 3,3'-Dichlorobenzidine	14.010	252	410788	37.859 ng		99
83) Chrysene	14.086	228	1094367	48.288 ng		100
84) Bis(2-ethylhexyl)phtha...	14.039	149	539945	46.451 ng		100
85) Di-n-octyl phthalate	14.651	149	976739	46.324 ng		96
87) Indeno(1,2,3-cd)pyrene	17.027	276	1234729	33.937 ng		100
88) Benzo(b)fluoranthene	15.104	252	1556899	63.756 ng		99
89) Benzo(k)fluoranthene	15.133	252	1205497	49.137 ng		100
90) Benzo(a)pyrene	15.474	252	1214603	52.915 ng		99
91) Dibenzo(a,h)anthracene	17.051	278	999487	33.587 ng		100
92) Benzo(g,h,i)perylene	17.480	276	973139	33.924 ng		100

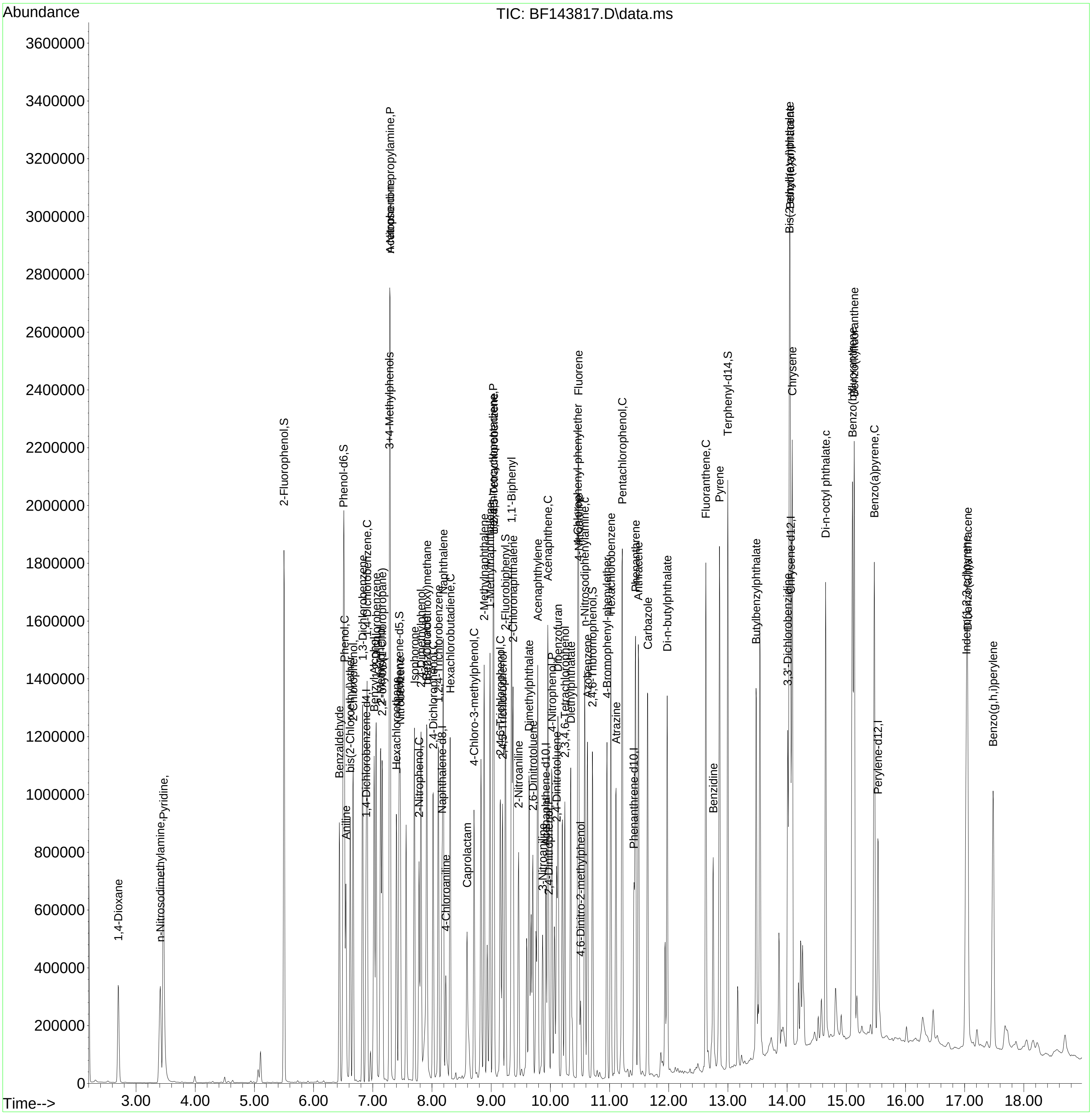
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sample Results: **BF143817.D**

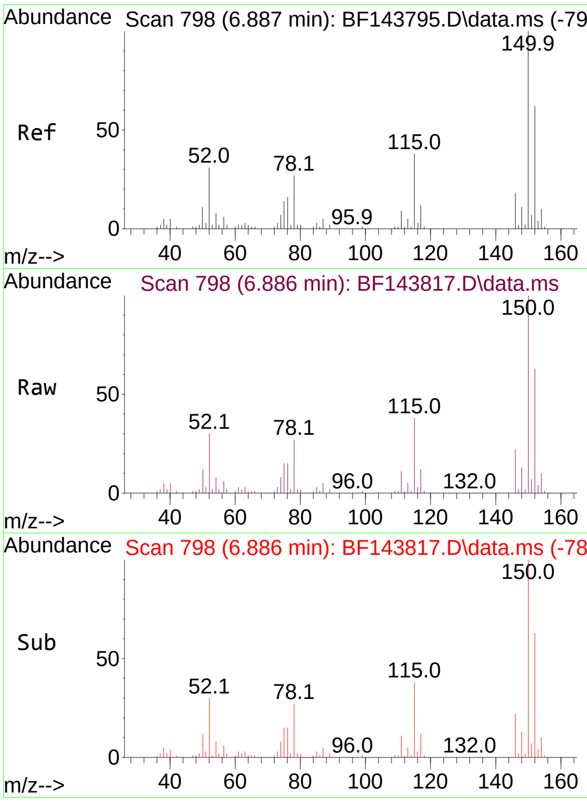
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
Data File : BF143817.D
Acq On : 25 Sep 2025 21:50
Operator : RC/JU
Sample : Q3178-02MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MS

Quant Time: Sep 25 23:26:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 05:00:00 2025
Response via : Initial Calibration



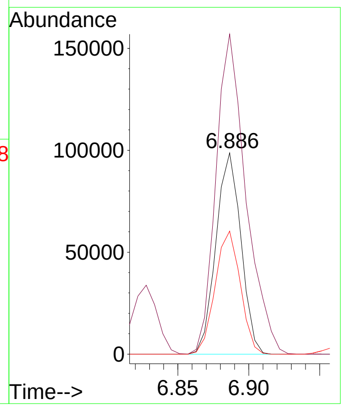
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MS

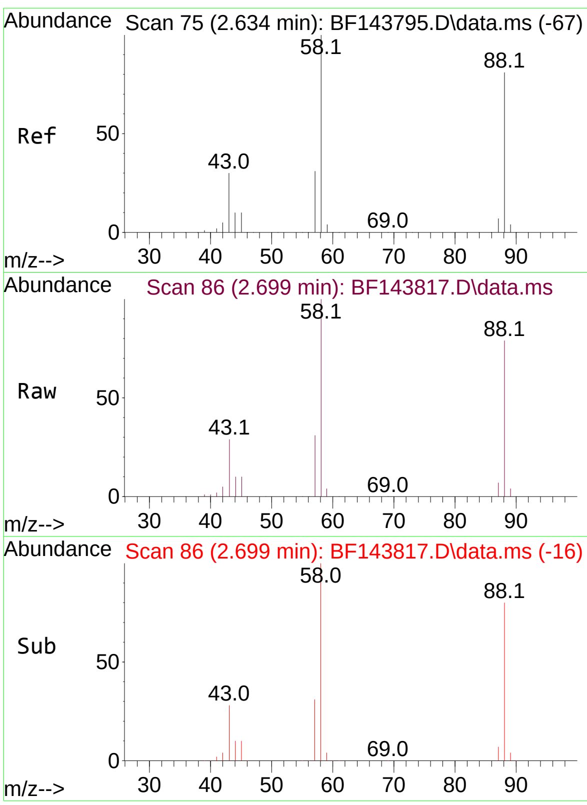


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 79
Delta R.T. -0.001 min
Lab File: BF143817.D
Acq: 25 Sep 2025 21:50

Tgt Ion:152 Resp: 121227

Ion	Ratio	Lower	Upper
152	100		
150	159.0	129.6	194.4
115	61.1	49.0	73.4

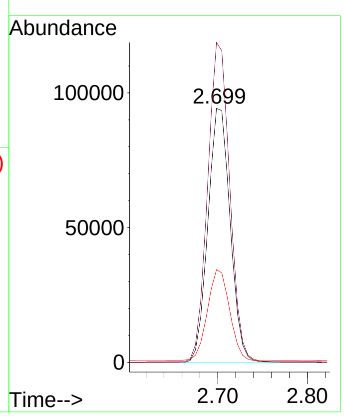




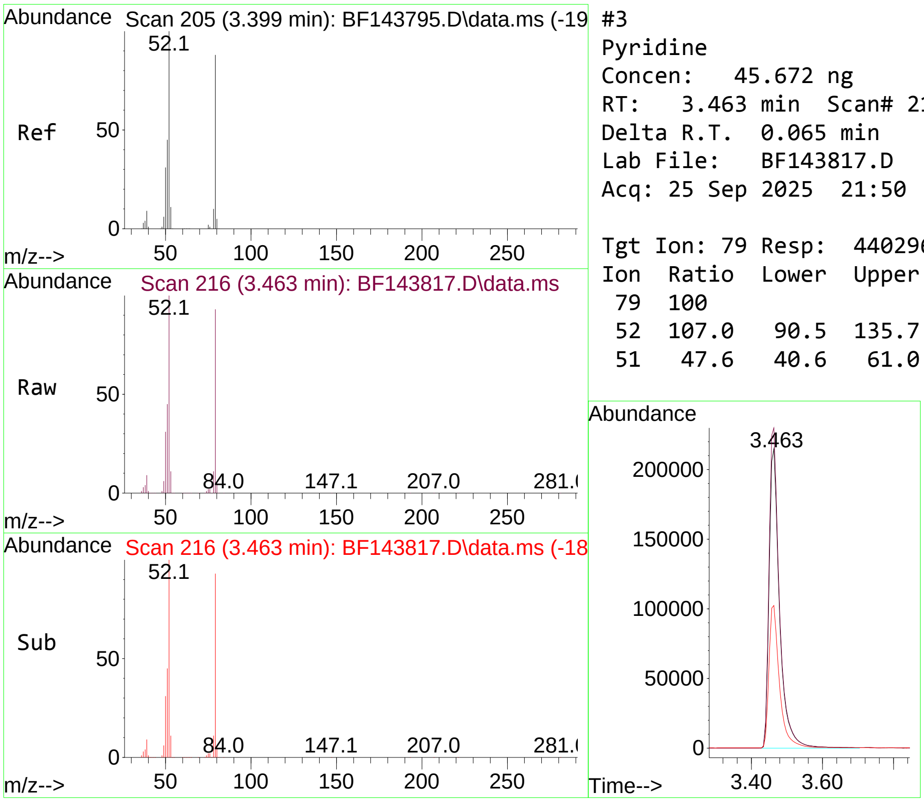
#2
1,4-Dioxane
Concen: 45.498 ng
RT: 2.699 min Scan# 86
Delta R.T. 0.065 min
Lab File: BF143817.D
Acq: 25 Sep 2025 21:50

Tgt Ion: 88 Resp: 162491

Ion	Ratio	Lower	Upper
88	100		
58	126.1	99.4	149.2
43	36.0	30.6	45.8



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

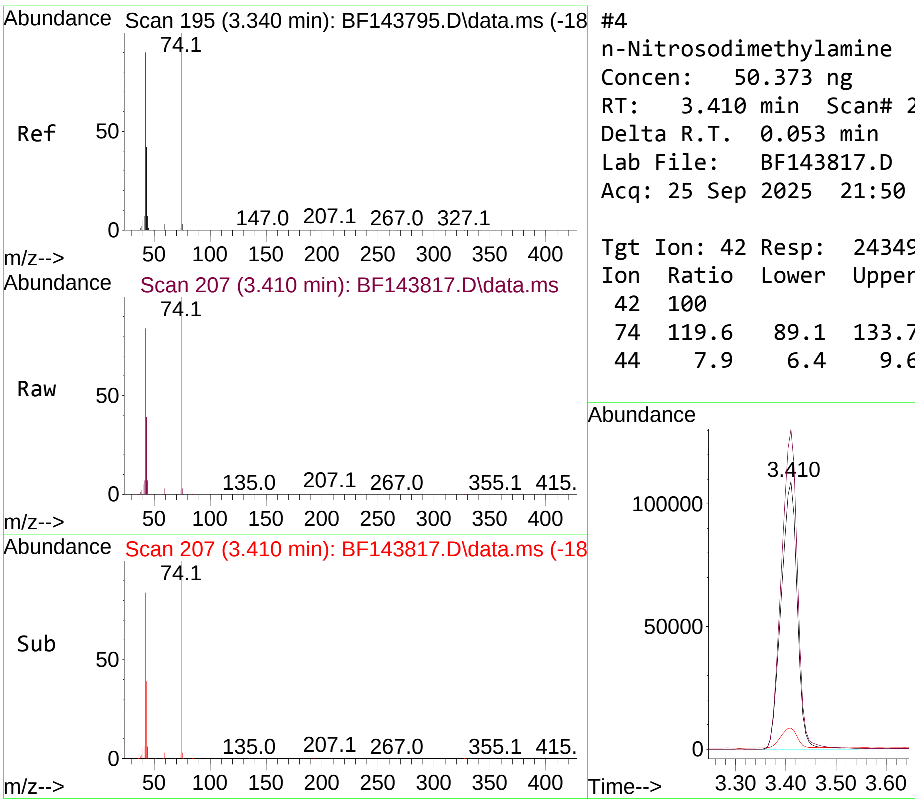


#3
Pyridine
Concen: 45.672 ng
RT: 3.463 min Scan# 21
Delta R.T. 0.065 min
Lab File: BF143817.D
Acq: 25 Sep 2025 21:50

Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MS

Tgt Ion: 79 Resp: 440296

Ion	Ratio	Lower	Upper
79	100		
52	107.0	90.5	135.7
51	47.6	40.6	61.0



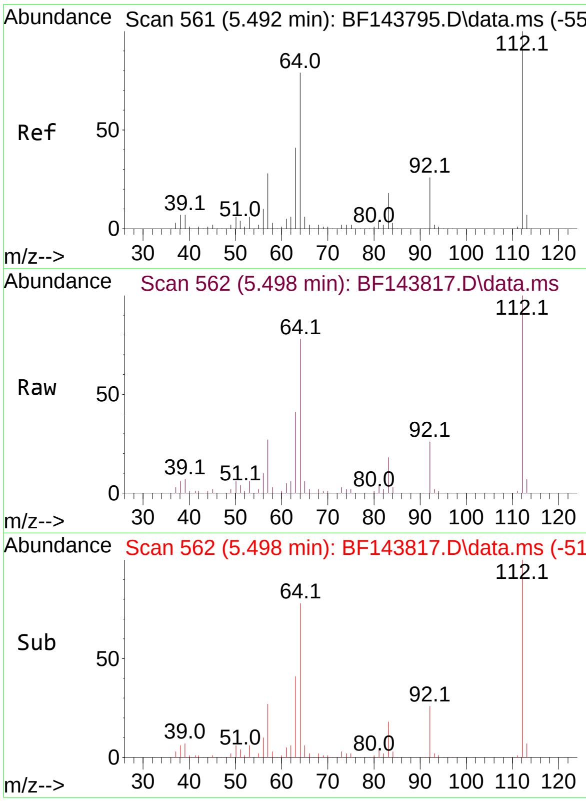
#4
n-Nitrosodimethylamine
Concen: 50.373 ng
RT: 3.410 min Scan# 207
Delta R.T. 0.053 min
Lab File: BF143817.D
Acq: 25 Sep 2025 21:50

Tgt Ion: 42 Resp: 243497

Ion	Ratio	Lower	Upper
42	100		
74	119.6	89.1	133.7
44	7.9	6.4	9.6

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

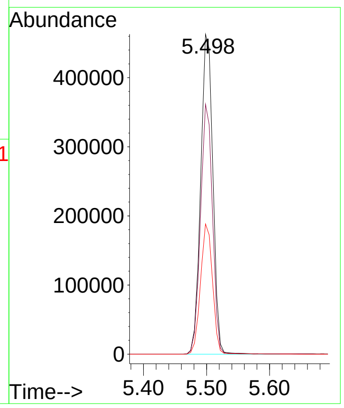
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MS

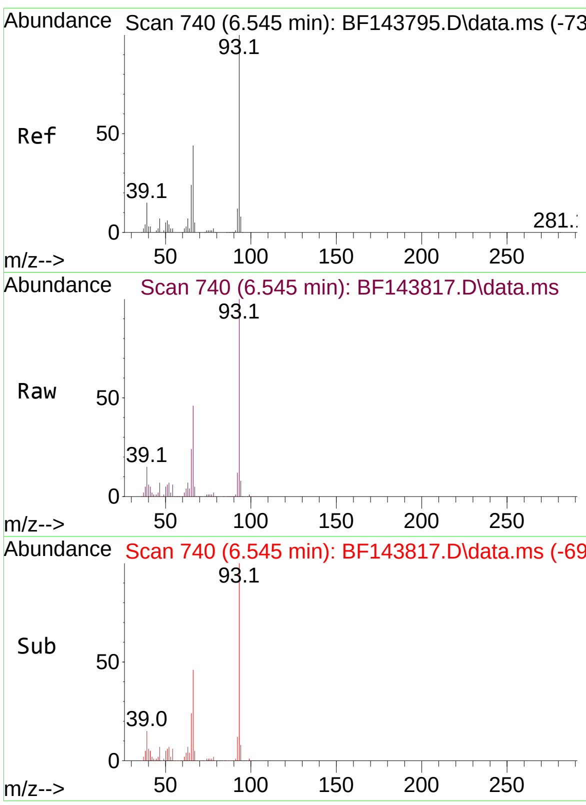


#5
2-Fluorophenol
Concen: 83.363 ng
RT: 5.498 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF143817.D
Acq: 25 Sep 2025 21:50

Tgt Ion:112 Resp: 622010

Ion	Ratio	Lower	Upper
112	100		
64	78.1	63.0	94.4
63	40.7	32.6	49.0

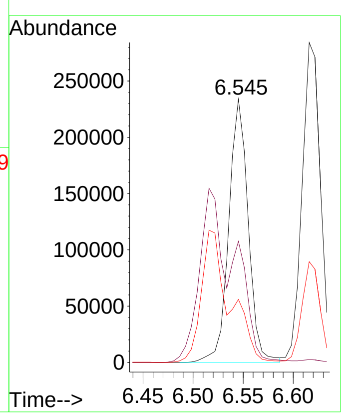




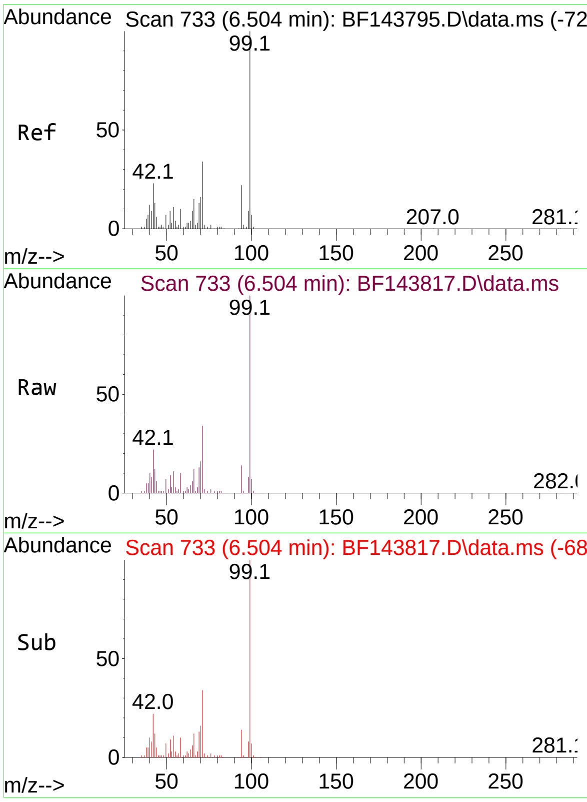
#6
Aniline
Concen: 25.290 ng
RT: 6.545 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF143817.D
Acq: 25 Sep 2025 21:50

Tgt Ion: 93 Resp: 316454

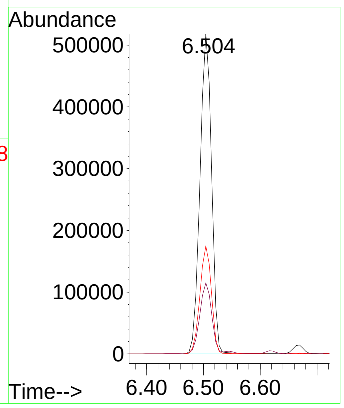
Ion	Ratio	Lower	Upper
93	100		
66	46.0	37.1	55.7
65	23.9	19.4	29.0

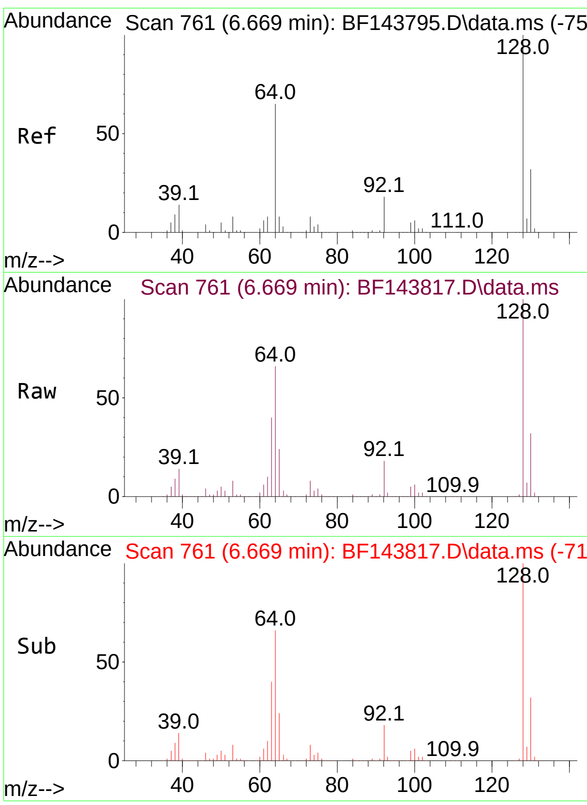


Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MS

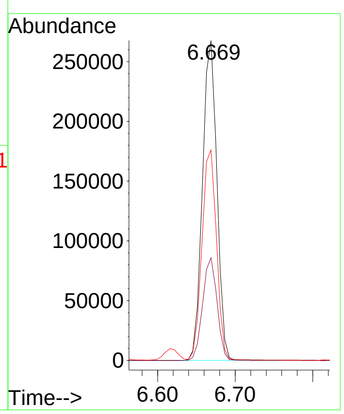



```
#7
Phenol-d6
Concen:   85.136 ng
RT:   6.504 min  Scan# 73
Delta R.T.  -0.006 min
Lab File:   BF143817.D
Acq: 25 Sep 2025  21:50

Tgt Ion: 99 Resp:  733982
Ion  Ratio  Lower  Upper
 99  100
 42   22.2   18.6   28.0
 71   33.7   27.0   40.4
```

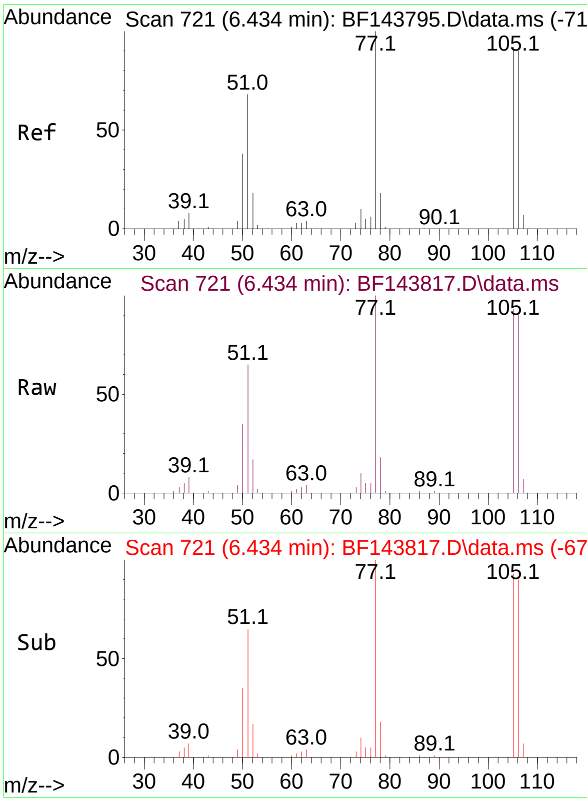





```
#8
2-Chlorophenol
Concen:   45.387 ng
RT:   6.669 min  Scan# 761
Delta R.T.  -0.000 min
Lab File:   BF143817.D
Acq: 25 Sep 2025  21:50

Tgt Ion:128 Resp:  346697
Ion  Ratio  Lower  Upper
128  100
130   32.1   12.2   52.2
 64   65.8   46.5   86.5
```



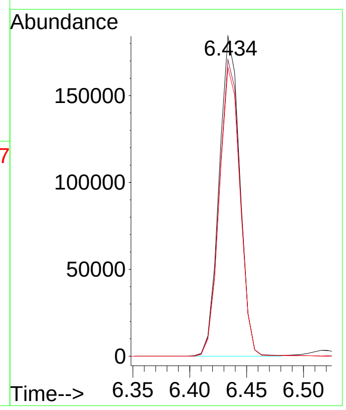
Instrument : BNA_F
ClientSampleId : EME-TS14-01MS

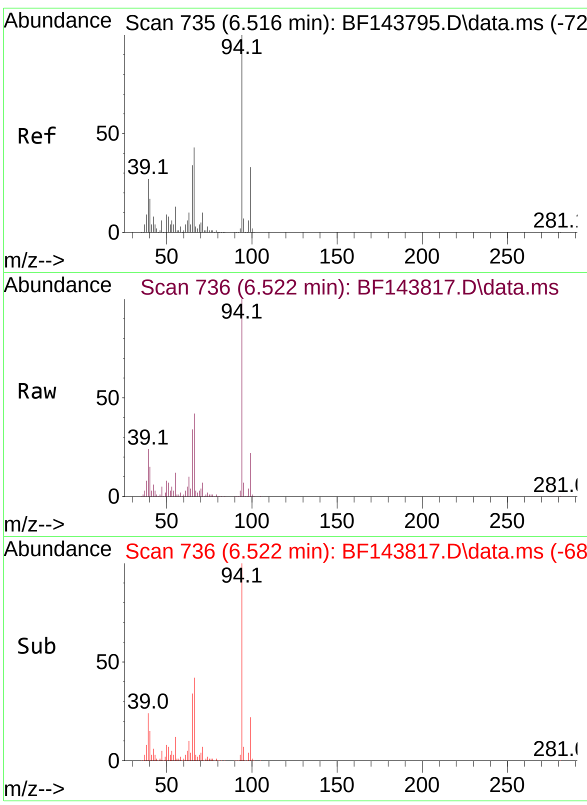


#9
Benzaldehyde
Concen: 30.662 ng
RT: 6.434 min   Scan# 7
Delta R.T.   -0.006 min
Lab File: BF143817.D
Acq: 25 Sep 2025   21:50

Tgt Ion: 77 Resp: 231488

Ion	Ratio	Lower	Upper
77	100		
105	92.6	71.8	111.8
106	90.2	69.8	109.8

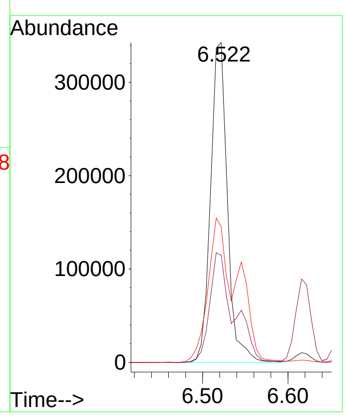




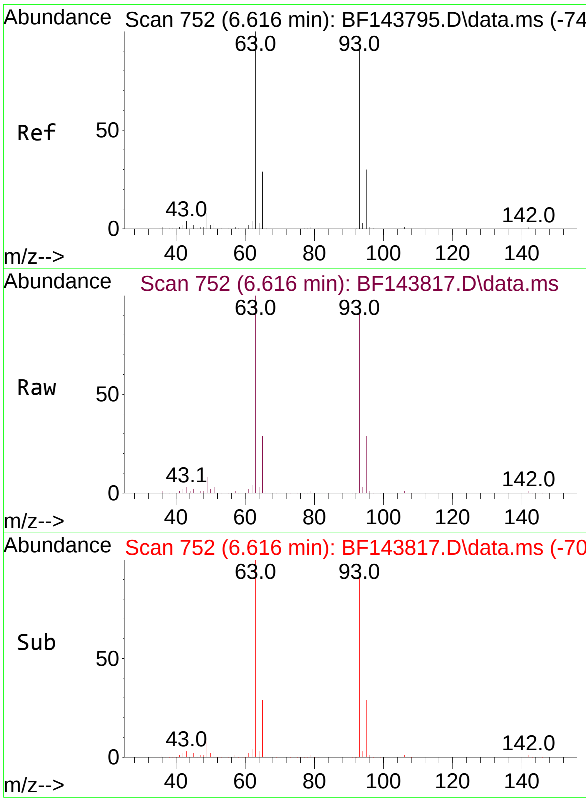
#10
Phenol
Concen: 46.931 ng
RT: 6.522 min   Scan# 736
Delta R.T.   -0.006 min
Lab File: BF143817.D
Acq: 25 Sep 2025   21:50

Tgt Ion: 94 Resp: 470295

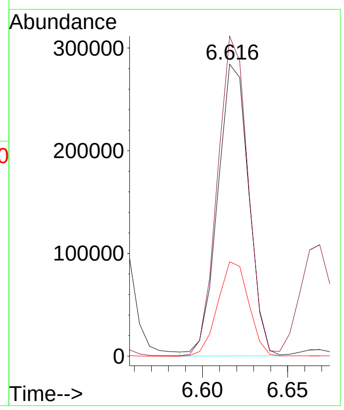
Ion	Ratio	Lower	Upper
94	100		
65	33.5	14.2	54.2
66	42.3	24.1	64.1

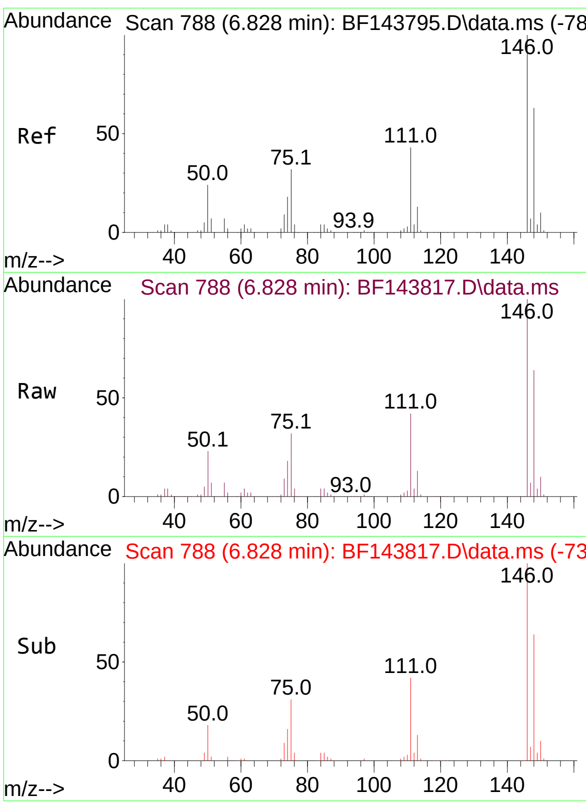


Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MS

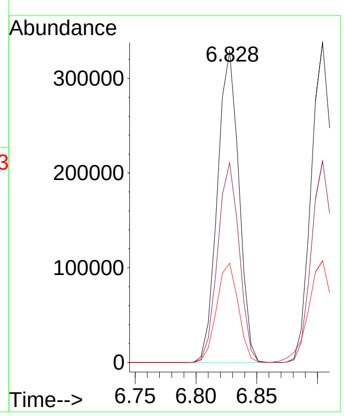



```
#11
bis(2-Chloroethyl)ether
Concen:   45.912 ng
RT:   6.616 min   Scan# 75
Delta R.T.   -0.006 min
Lab File:    BF143817.D
Acq: 25 Sep 2025   21:50

Tgt Ion: 93 Resp:   360646
Ion   Ratio   Lower   Upper
 93   100
 63   109.6    89.2   129.2
 95    32.3    12.9    52.9
```



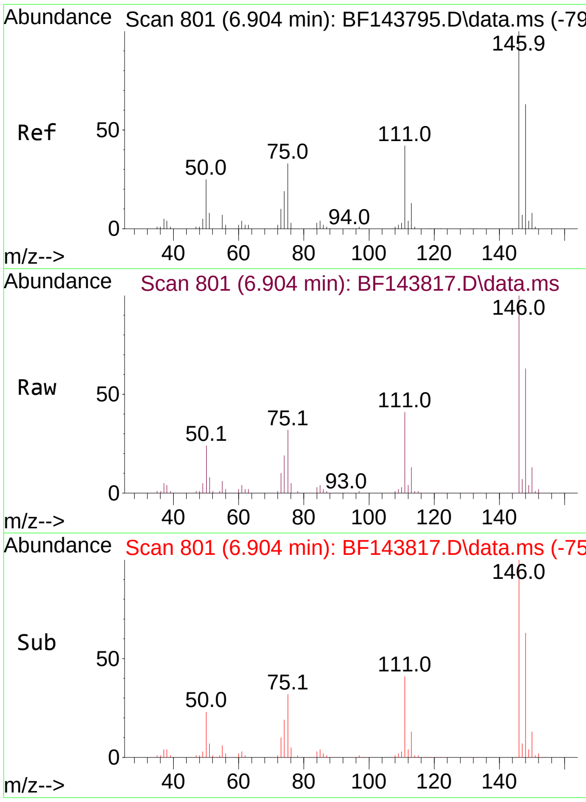



```
#12
1,3-Dichlorobenzene
Concen:   45.667 ng
RT:   6.828 min   Scan# 788
Delta R.T.   -0.000 min
Lab File:    BF143817.D
Acq: 25 Sep 2025   21:50

Tgt Ion:146 Resp:   405018
Ion   Ratio   Lower   Upper
146   100
148    64.2    50.4    75.6
 75    31.8    25.6    38.4
```



Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MS

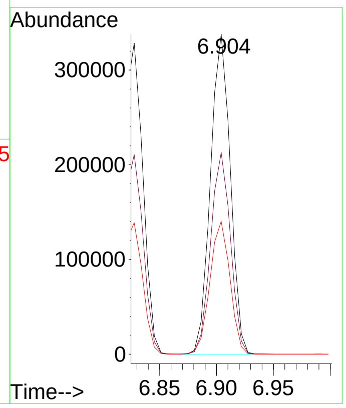
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

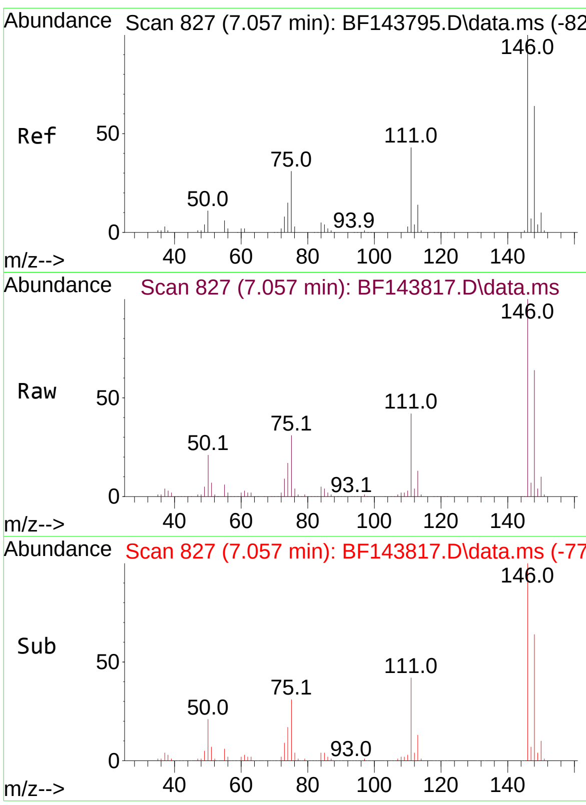


#13
1,4-Dichlorobenzene
Concen: 46.284 ng
RT: 6.904 min   Scan# 80
Delta R.T.   -0.000 min
Lab File: BF143817.D
Acq: 25 Sep 2025   21:50

Tgt Ion:146 Resp: 409651

Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.7	76.1
111	41.5	33.4	50.2

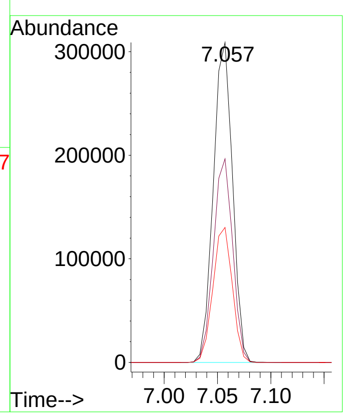




#14
1,2-Dichlorobenzene
Concen: 46.376 ng
RT: 7.057 min   Scan# 827
Delta R.T.   -0.000 min
Lab File: BF143817.D
Acq: 25 Sep 2025   21:50

Tgt Ion:146 Resp: 388753

Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.1	76.7
111	42.2	34.3	51.5



Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MS

1
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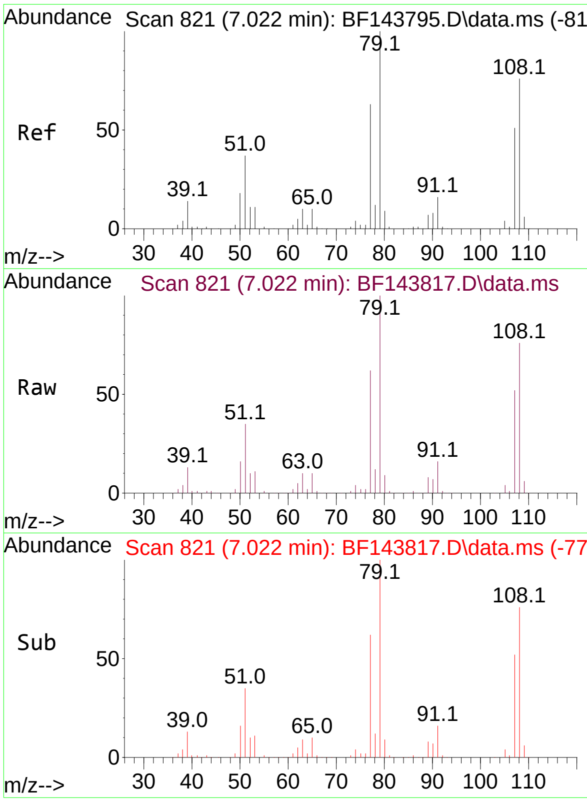
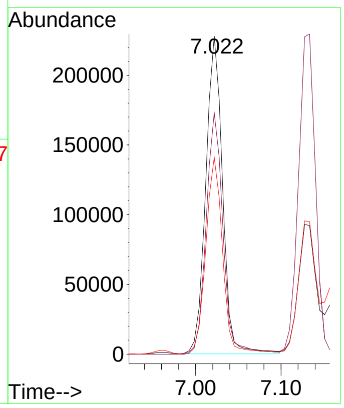
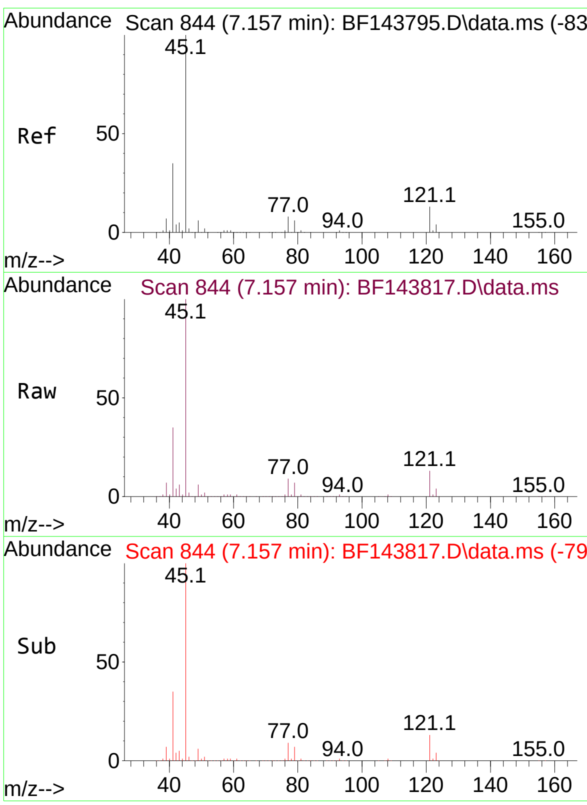


#15
Benzyl Alcohol
Concen: 50.129 ng
RT: 7.022 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143817.D
Acq: 25 Sep 2025 21:50

Tgt Ion: 79 Resp: 312277

Ion	Ratio	Lower	Upper
79	100		
108	75.9	60.5	90.7
77	61.9	50.3	75.5

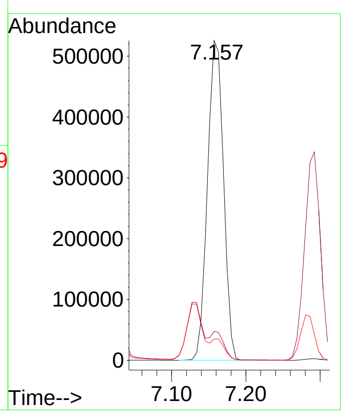




#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.394 ng
RT: 7.157 min Scan# 844
Delta R.T. -0.000 min
Lab File: BF143817.D
Acq: 25 Sep 2025 21:50

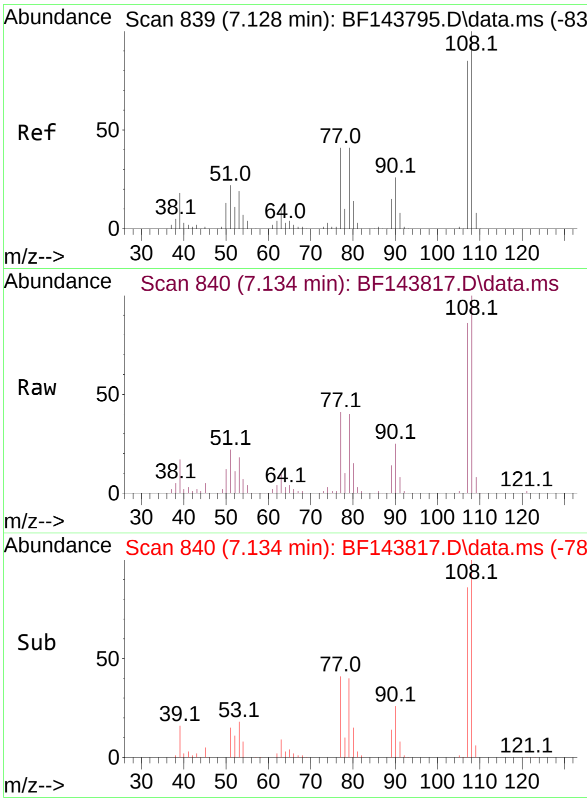
Tgt Ion: 45 Resp: 789653

Ion	Ratio	Lower	Upper
45	100		
77	9.0	0.0	28.5
79	6.7	0.0	26.3

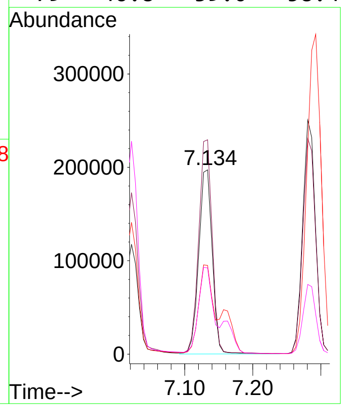


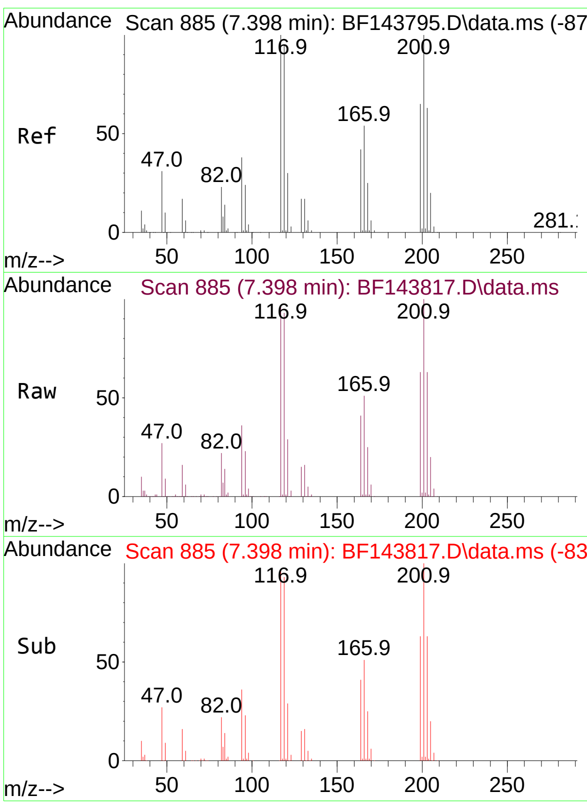
Instrument : BNA_F
ClientSampleId : EME-TS14-01MS

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

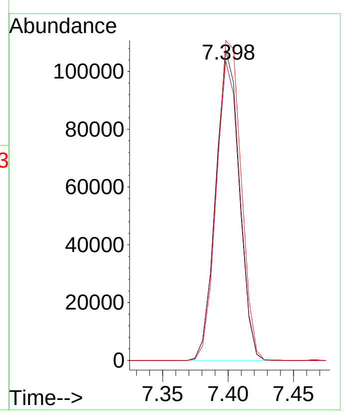



```
#17
2-Methylphenol
Concen:   46.138 ng
RT:   7.134 min   Scan# 84
Delta R.T.   -0.000 min
Lab File:   BF143817.D
Acq: 25 Sep 2025   21:50

Tgt Ion:107 Resp:   272851
Ion  Ratio  Lower  Upper
107  100
108  116.4   94.2  141.4
 77   48.2   38.6   58.0
 79   46.8   39.0   58.4
```

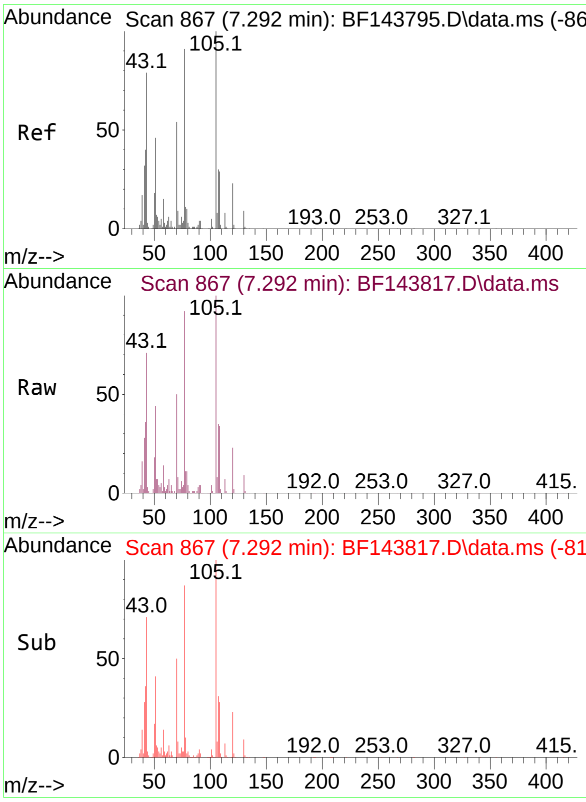





```
#18
Hexachloroethane
Concen:   43.671 ng
RT:   7.398 min   Scan# 885
Delta R.T.   -0.006 min
Lab File:   BF143817.D
Acq: 25 Sep 2025   21:50

Tgt Ion:117 Resp:   135933
Ion  Ratio  Lower  Upper
117  100
119   96.5   76.2  114.2
201  103.2   79.7  119.5
```



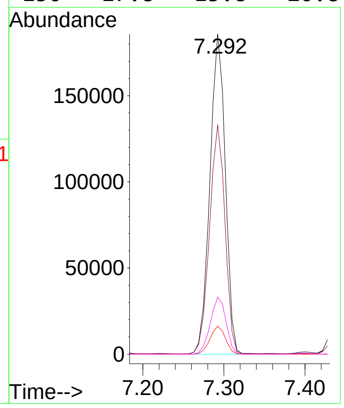
Instrument :	BNA_F
ClientSampleId :	EME-TS14-01MS

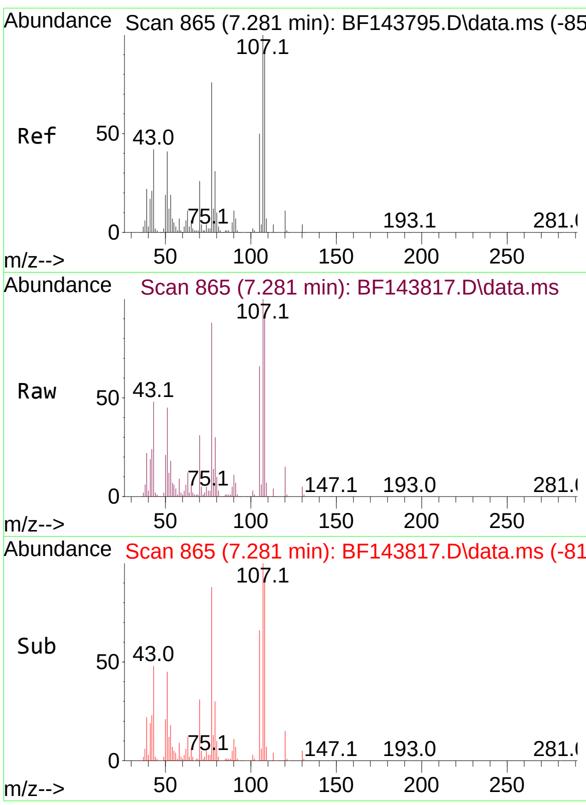


#19
n-Nitroso-di-n-propylamine
Concen: 44.495 ng
RT: 7.292 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF143817.D
Acq: 25 Sep 2025 21:50

Tgt Ion: 70 Resp: 246676

Ion	Ratio	Lower	Upper
70	100		
42	71.5	59.4	89.0
101	8.7	7.1	10.7
130	17.8	13.8	20.8

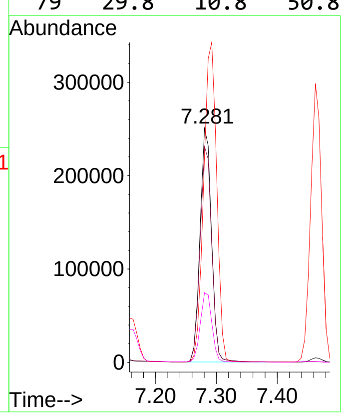




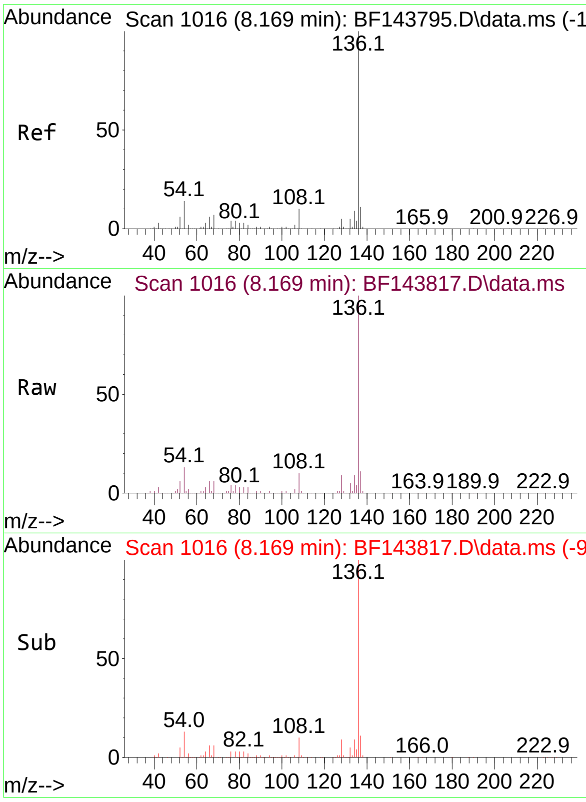
#20
3+4-Methylphenols
Concen: 45.755 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF143817.D
Acq: 25 Sep 2025 21:50

Tgt Ion:107 Resp: 329519

Ion	Ratio	Lower	Upper
107	100		
108	92.1	72.5	112.5
77	88.3	56.2	96.2
79	29.8	10.8	50.8



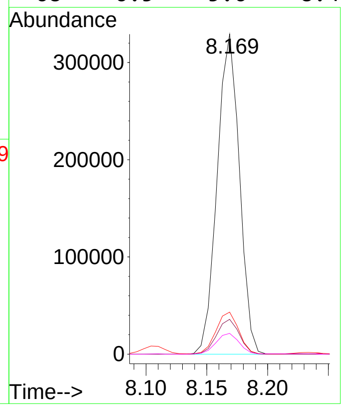
Instrument :	BNA_F
ClientSampleId :	EME-TS14-01MS

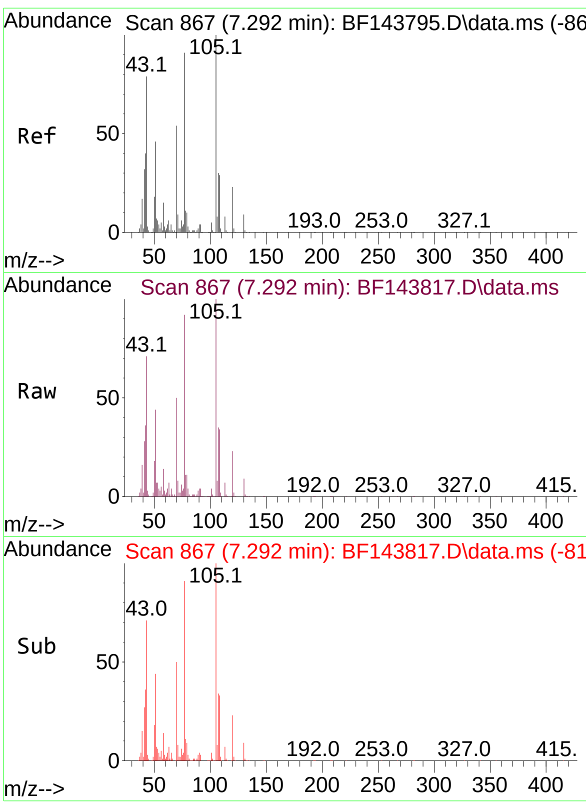


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF143817.D
Acq: 25 Sep 2025 21:50

Tgt Ion:136 Resp: 419443

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	13.1	11.2	16.8
68	6.5	5.6	8.4

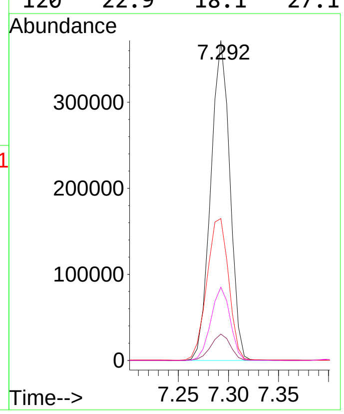




#22
Acetophenone
Concen: 53.844 ng
RT: 7.292 min Scan# 867
Delta R.T. -0.006 min
Lab File: BF143817.D
Acq: 25 Sep 2025 21:50

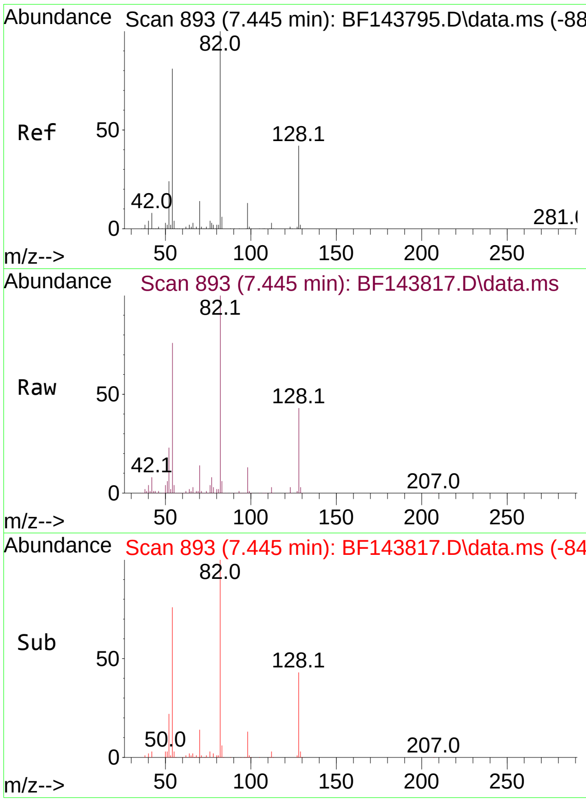
Tgt Ion:105 Resp: 496044

Ion	Ratio	Lower	Upper
105	100		
71	8.3	7.0	10.4
51	44.3	36.6	55.0
120	22.9	18.1	27.1



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

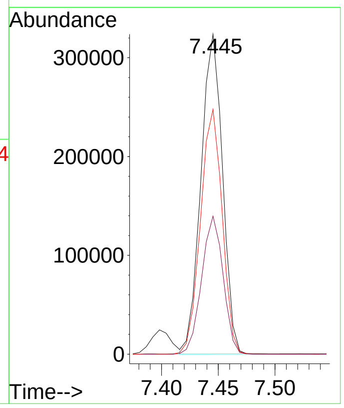
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MS

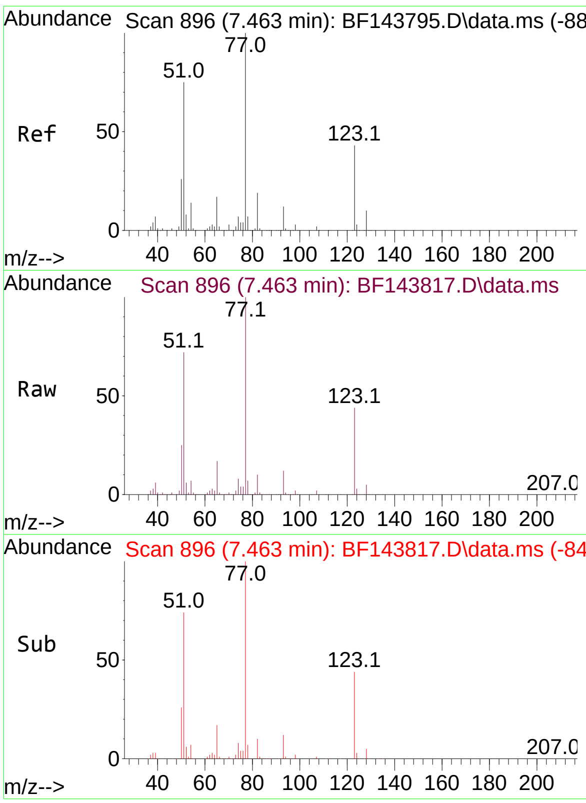


#23
Nitrobenzene-d5
Concen: 62.594 ng
RT: 7.445 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF143817.D
Acq: 25 Sep 2025 21:50

Tgt Ion: 82 Resp: 428919

Ion	Ratio	Lower	Upper
82	100		
128	43.1	33.3	49.9
54	76.5	64.2	96.4

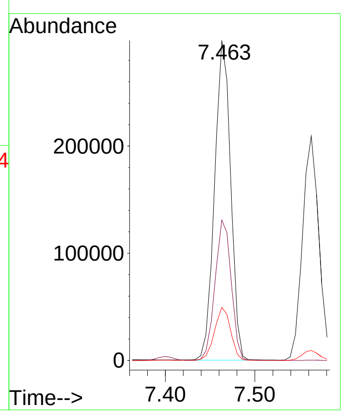




#24
Nitrobenzene
Concen: 49.371 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF143817.D
Acq: 25 Sep 2025 21:50

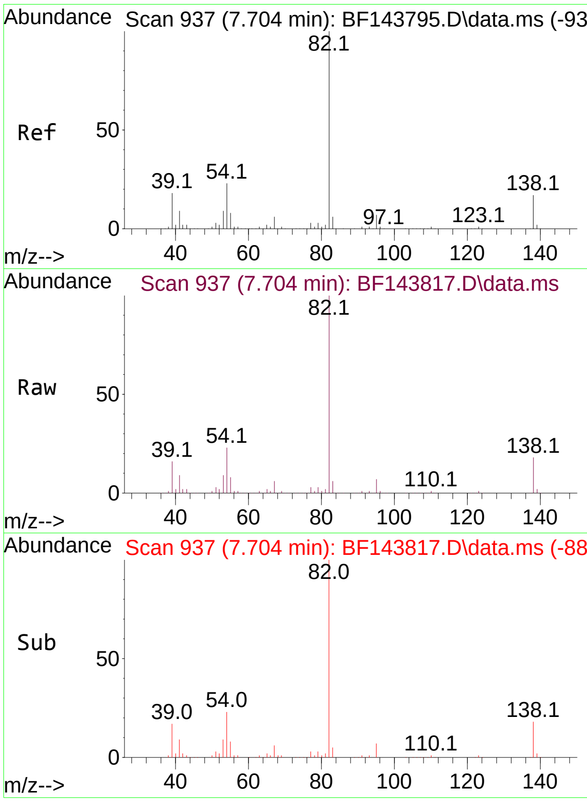
Tgt Ion: 77 Resp: 374991

Ion	Ratio	Lower	Upper
77	100		
123	43.9	34.0	51.0
65	16.6	13.5	20.3



Instrument : BNA_F
ClientSampleId : EME-TS14-01MS

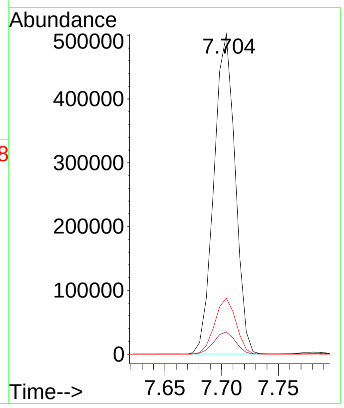
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

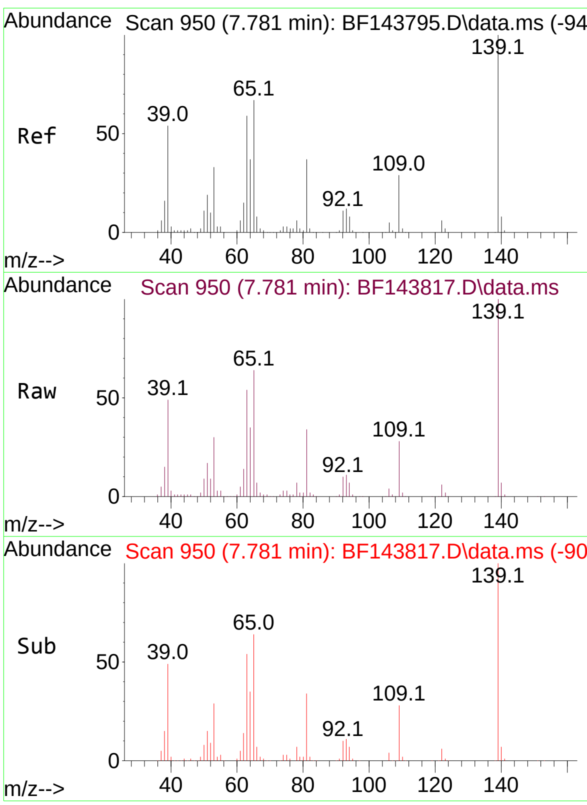


#25
Isophorone
Concen: 48.975 ng
RT: 7.704 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143817.D
Acq: 25 Sep 2025 21:50

Tgt Ion: 82 Resp: 653967

Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.4	8.2
138	17.5	13.7	20.5

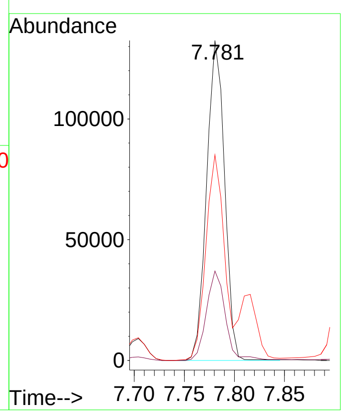




#26
2-Nitrophenol
Concen: 52.687 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.005 min
Lab File: BF143817.D
Acq: 25 Sep 2025 21:50

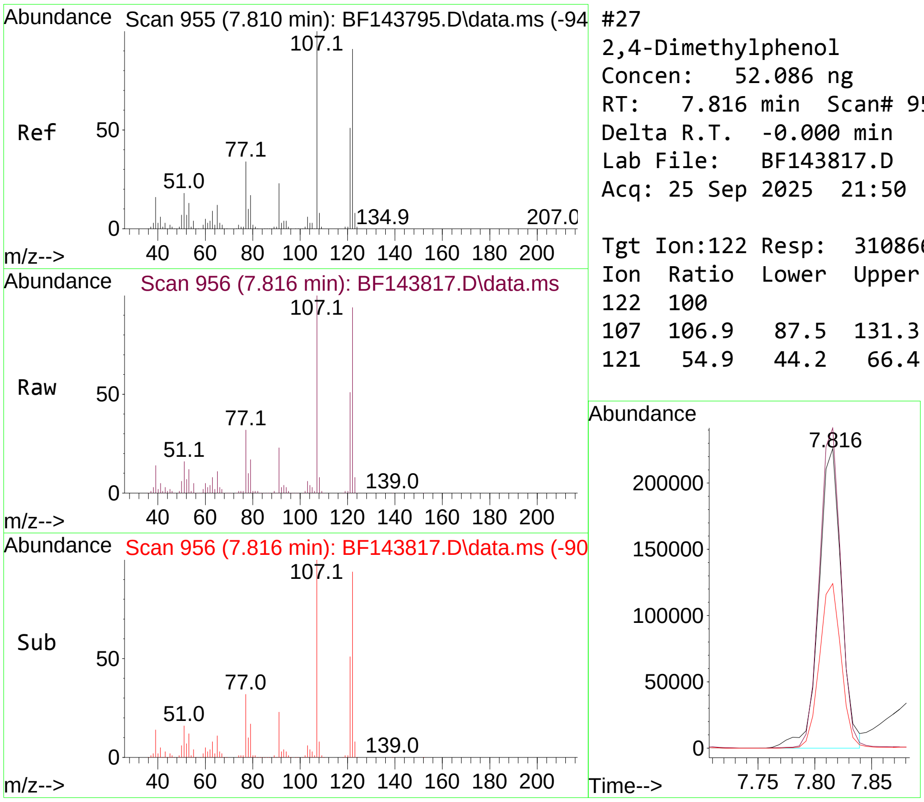
Tgt Ion:139 Resp: 165168

Ion	Ratio	Lower	Upper
139	100		
109	27.9	23.3	34.9
65	64.2	53.8	80.6



Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MS

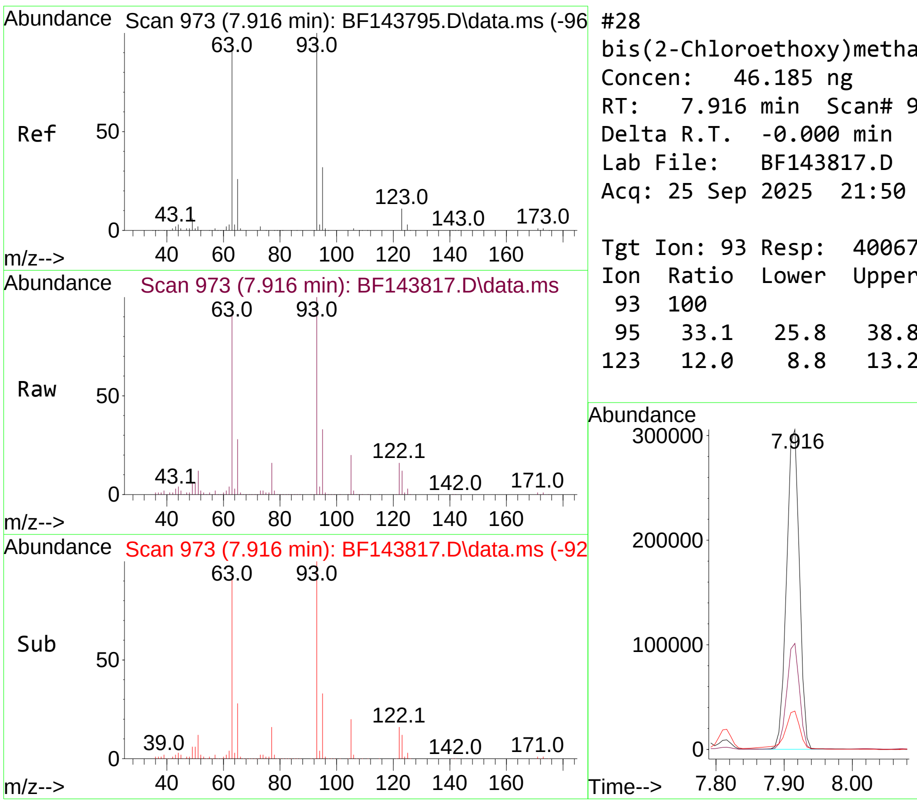
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18



#27
2,4-Dimethylphenol
Concen: 52.086 ng
RT: 7.816 min Scan# 95
Delta R.T. -0.000 min
Lab File: BF143817.D
Acq: 25 Sep 2025 21:50

Tgt Ion:122 Resp: 310866

Ion	Ratio	Lower	Upper
122	100		
107	106.9	87.5	131.3
121	54.9	44.2	66.4

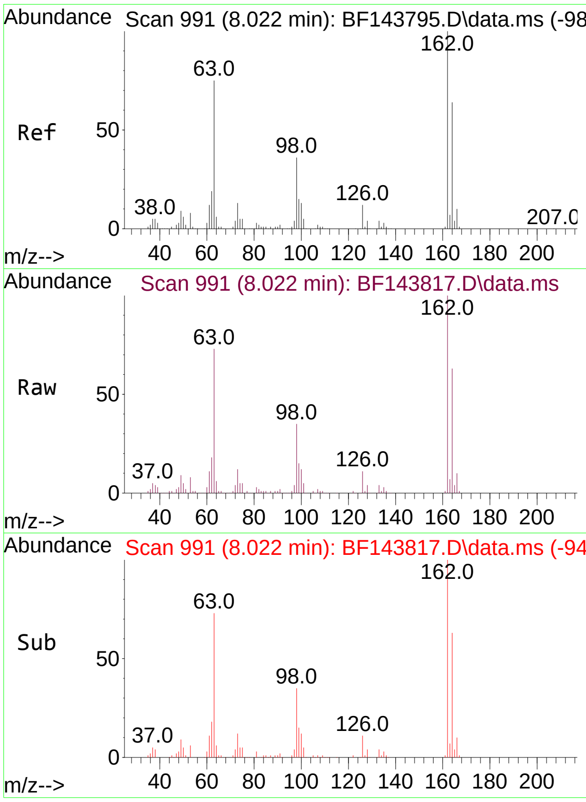


#28
bis(2-Chloroethoxy)methane
Concen: 46.185 ng
RT: 7.916 min Scan# 973
Delta R.T. -0.000 min
Lab File: BF143817.D
Acq: 25 Sep 2025 21:50

Tgt Ion: 93 Resp: 400670

Ion	Ratio	Lower	Upper
93	100		
95	33.1	25.8	38.8
123	12.0	8.8	13.2

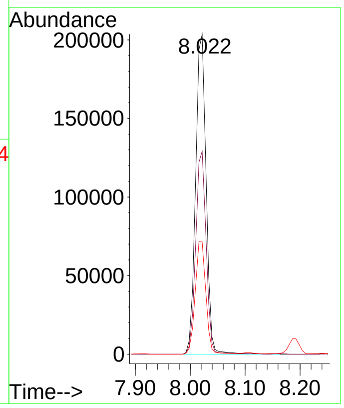
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MS

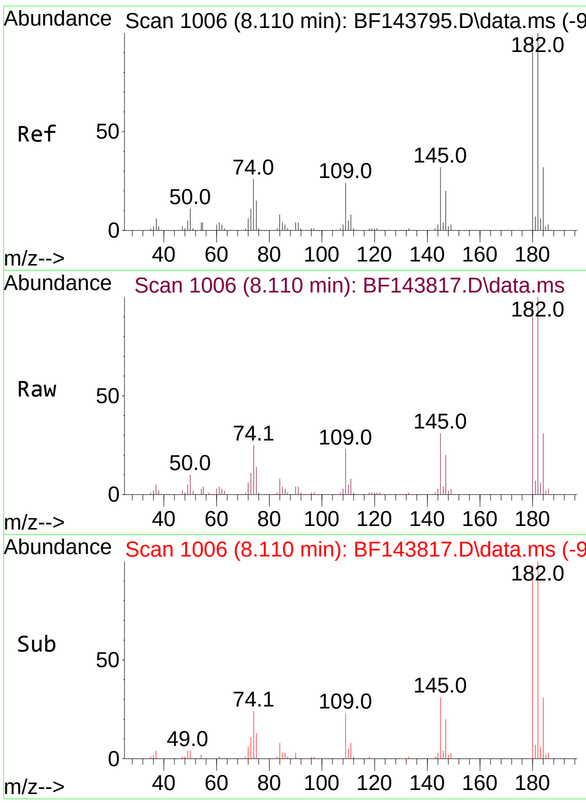


#29
2,4-Dichlorophenol
Concen: 46.125 ng
RT: 8.022 min Scan# 99
Delta R.T. -0.000 min
Lab File: BF143817.D
Acq: 25 Sep 2025 21:50

Tgt Ion:162 Resp: 270872

Ion	Ratio	Lower	Upper
162	100		
164	63.4	44.1	84.1
98	35.1	15.8	55.8

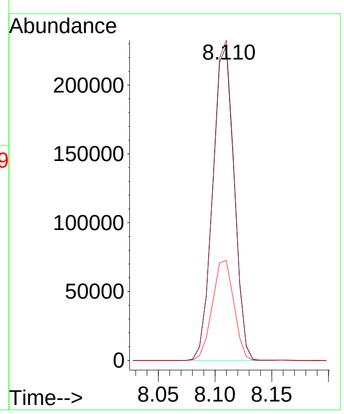




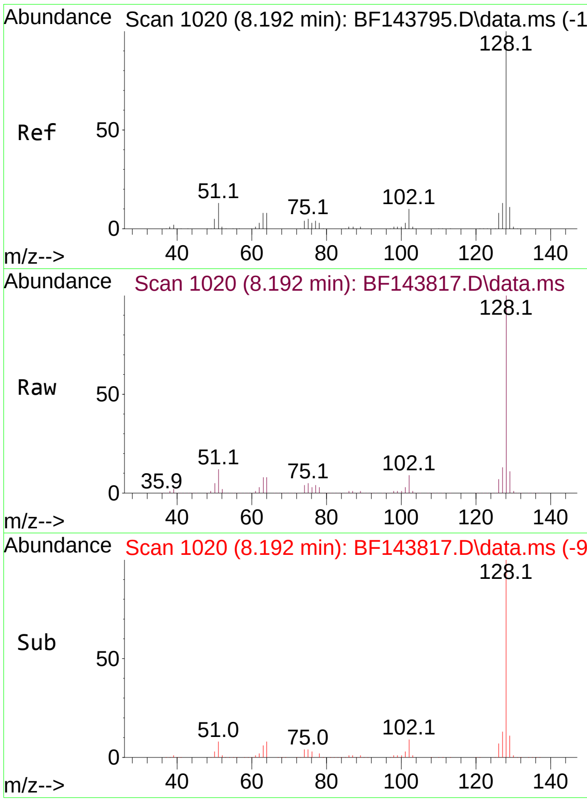
#30
1,2,4-Trichlorobenzene
Concen: 49.013 ng
RT: 8.110 min Scan# 1006
Delta R.T. -0.000 min
Lab File: BF143817.D
Acq: 25 Sep 2025 21:50

Tgt Ion:180 Resp: 298708

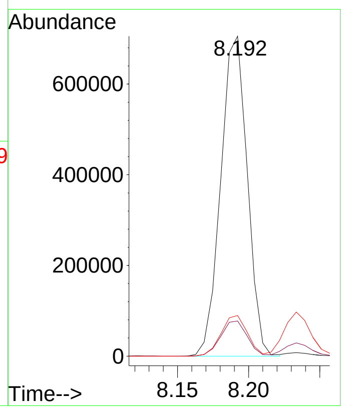
Ion	Ratio	Lower	Upper
180	100		
182	101.7	82.0	123.0
145	31.7	25.9	38.9

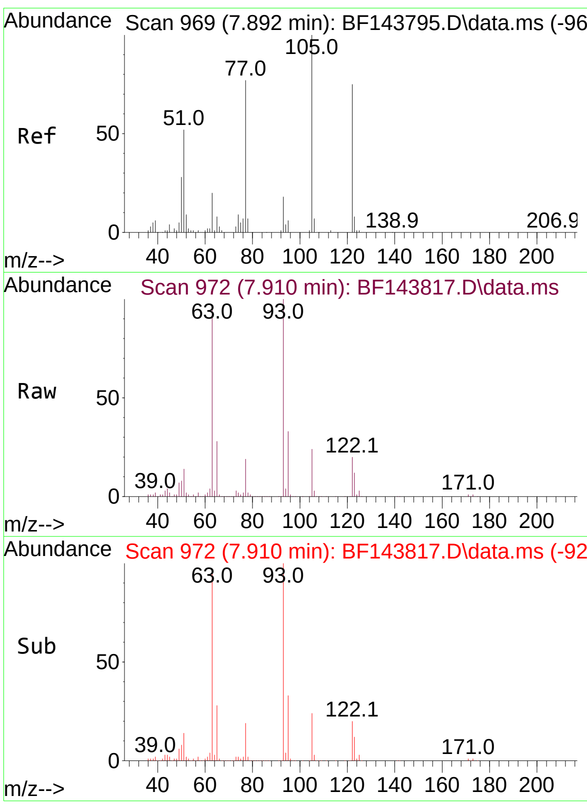


Instrument : BNA_F
ClientSampleId : EME-TS14-01MS

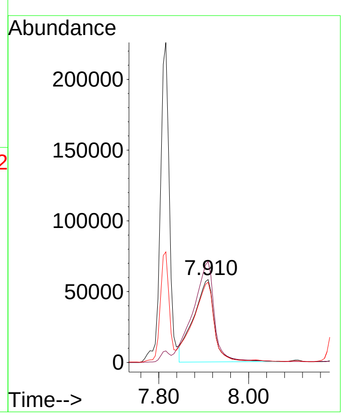



```
#31
Naphthalene
Concen:   45.736 ng
RT:   8.192 min  Scan# 10
Delta R.T.  -0.000 min
Lab File:   BF143817.D
Acq: 25 Sep 2025  21:50

Tgt Ion:128 Resp:  918353
Ion  Ratio  Lower  Upper
128  100
129   11.0    8.8   13.2
127   12.7   10.2   15.4
```

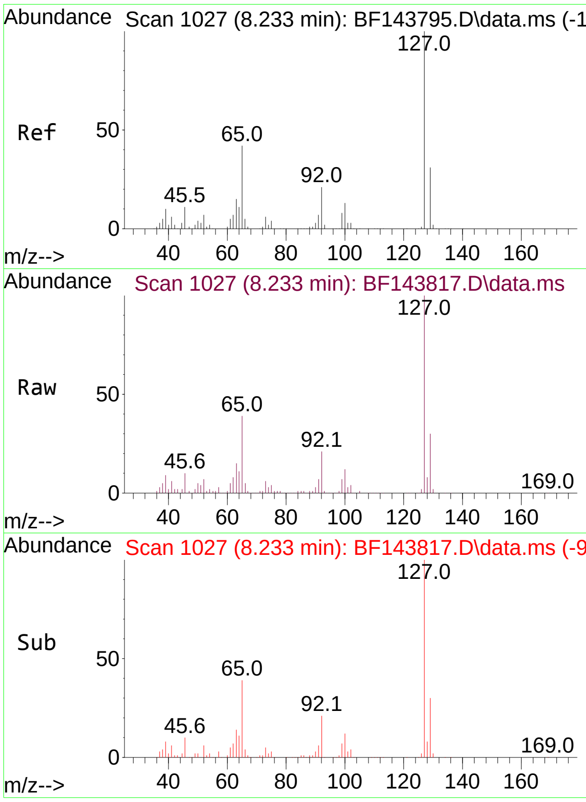




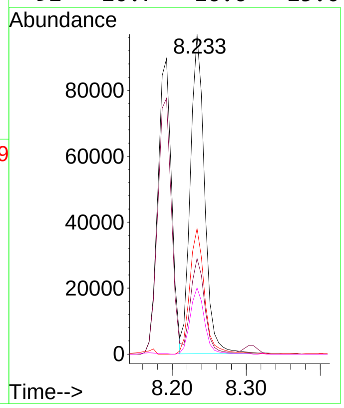

```
#32
Benzoic acid
Concen:   65.866 ng
RT:   7.910 min  Scan# 972
Delta R.T.  -0.012 min
Lab File:   BF143817.D
Acq: 25 Sep 2025  21:50

Tgt Ion:122 Resp:  189666
Ion  Ratio  Lower  Upper
122  100
105  121.8  103.7  143.7
 77   96.9   78.8  118.8
```

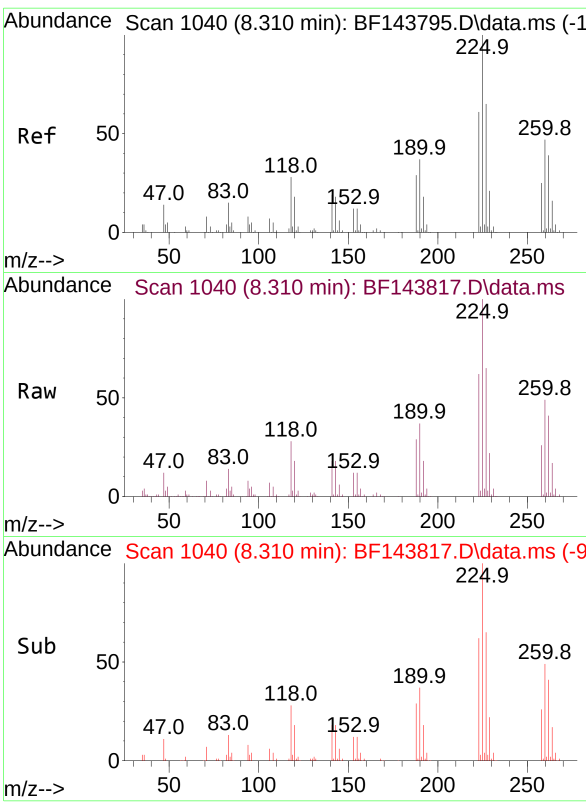


Instrument : BNA_F
ClientSampleId : EME-TS14-01MS

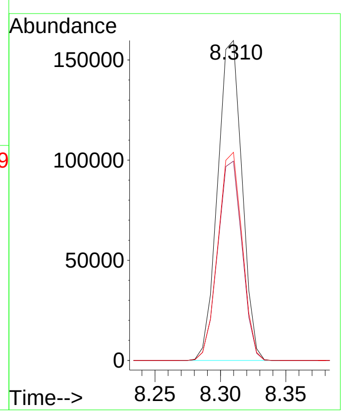



```
#33
4-Chloroaniline
Concen:   18.335 ng
RT:   8.233 min  Scan# 1
Delta R.T.  -0.006 min
Lab File:   BF143817.D
Acq: 25 Sep 2025  21:50

Tgt Ion:127 Resp:  129374
Ion  Ratio  Lower  Upper
127  100
129   30.0   25.4   38.2
 65   39.3   33.4   50.2
 92   20.7   16.6   25.0
```



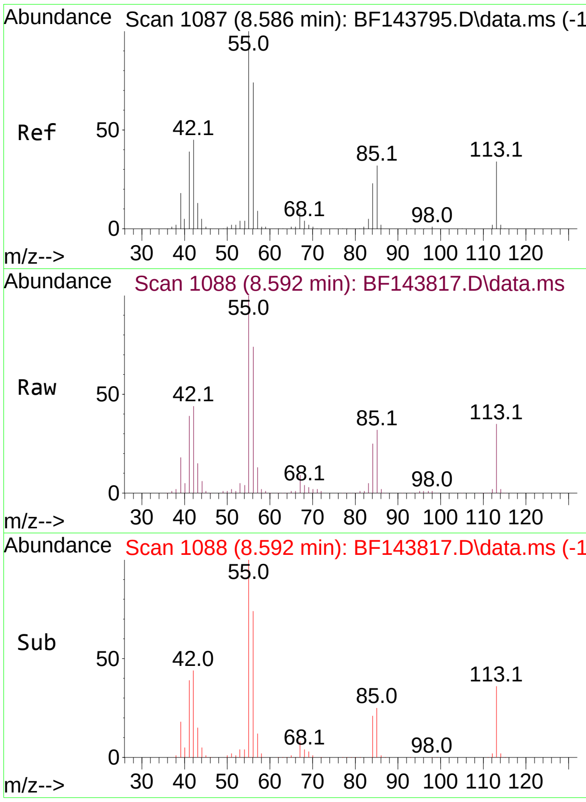



```
#34
Hexachlorobutadiene
Concen:   45.693 ng
RT:   8.310 min  Scan# 1040
Delta R.T.  -0.000 min
Lab File:   BF143817.D
Acq: 25 Sep 2025  21:50

Tgt Ion:225 Resp:  207595
Ion  Ratio  Lower  Upper
225  100
223   62.3   48.6   72.8
227   65.0   51.9   77.9
```



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

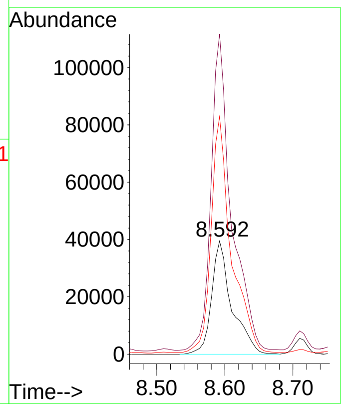
Instrument : BNA_F
ClientSampleId : EME-TS14-01MS

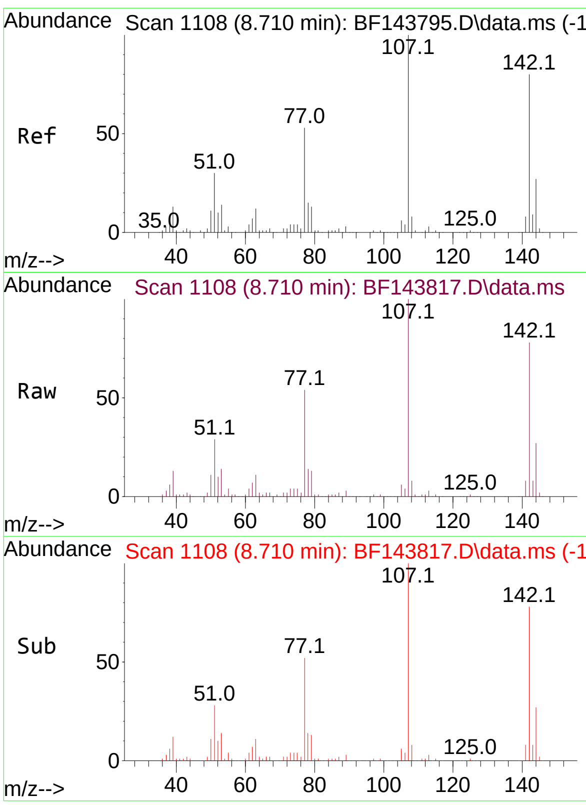


#35
Caprolactam
Concen: 54.068 ng
RT: 8.592 min   Scan# 10
Delta R.T.   -0.018 min
Lab File: BF143817.D
Acq: 25 Sep 2025   21:50

Tgt Ion:113 Resp: 81158

Ion	Ratio	Lower	Upper
113	100		
55	283.3	271.7	311.7
56	210.1	194.5	234.5

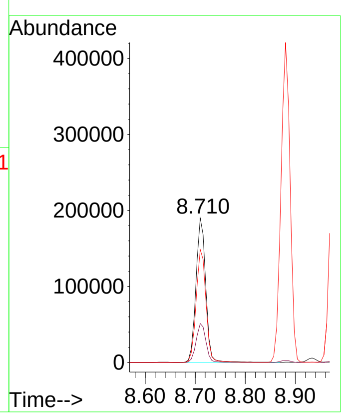




#36
4-Chloro-3-methylphenol
Concen: 46.673 ng
RT: 8.710 min   Scan# 1108
Delta R.T.   -0.000 min
Lab File: BF143817.D
Acq: 25 Sep 2025   21:50

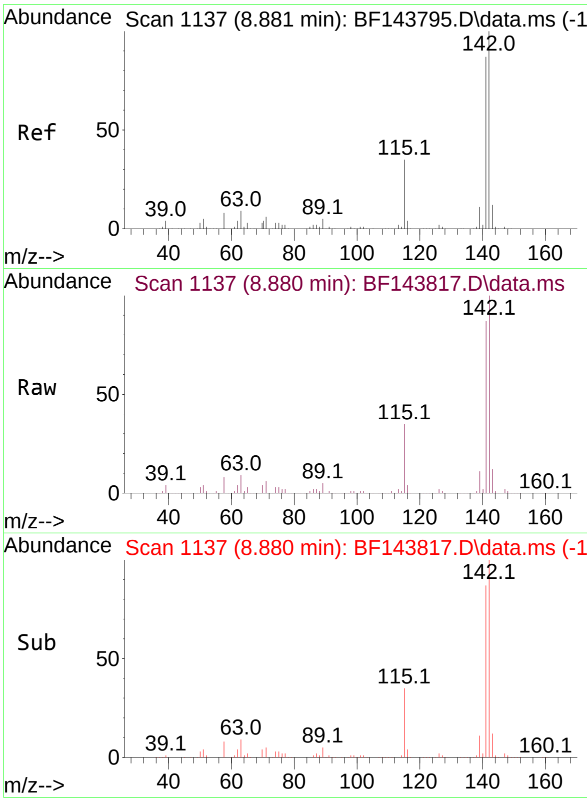
Tgt Ion:107 Resp: 257062

Ion	Ratio	Lower	Upper
107	100		
144	27.0	21.8	32.8
142	78.1	63.6	95.4



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

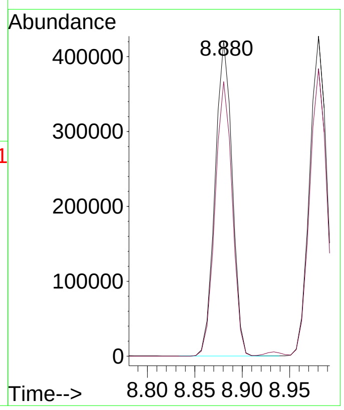
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MS

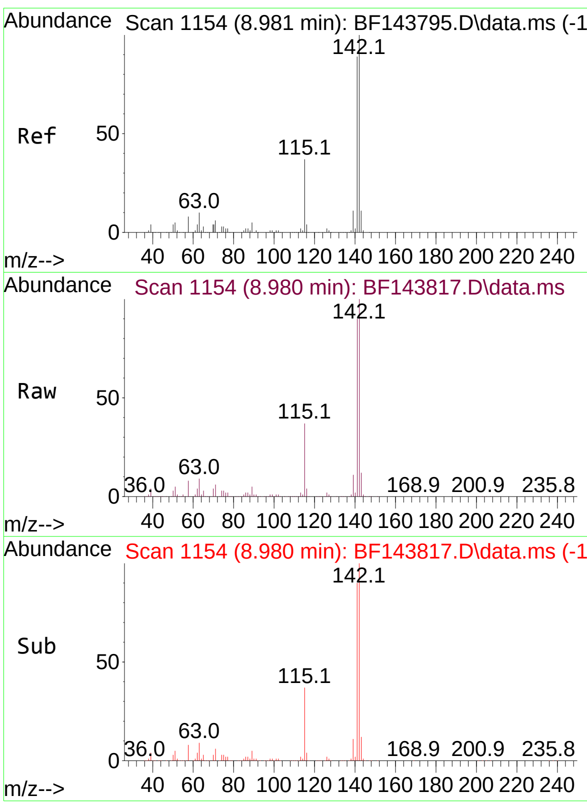


#37
2-Methylnaphthalene
Concen: 41.467 ng
RT: 8.880 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143817.D
Acq: 25 Sep 2025 21:50

Tgt Ion:142 Resp: 530930

Ion	Ratio	Lower	Upper
142	100		
141	87.1	69.4	104.0

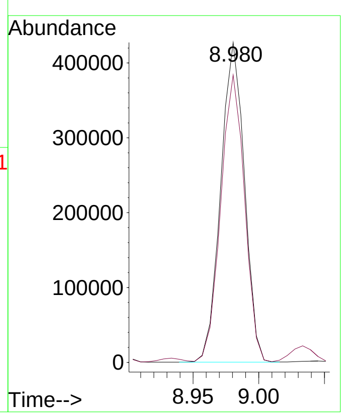




#38
1-Methylnaphthalene
Concen: 43.757 ng
RT: 8.980 min Scan# 1154
Delta R.T. -0.000 min
Lab File: BF143817.D
Acq: 25 Sep 2025 21:50

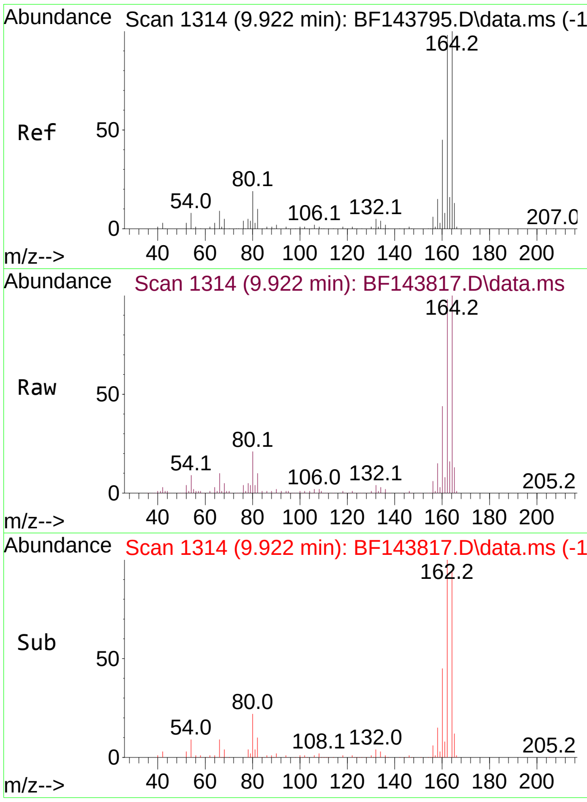
Tgt Ion:142 Resp: 536240

Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.1	106.7



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

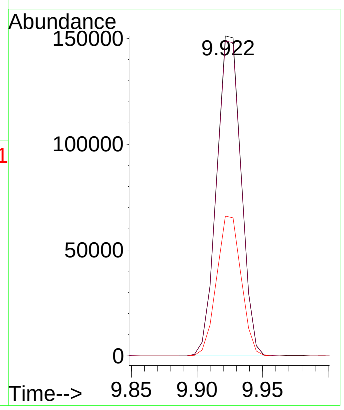
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MS

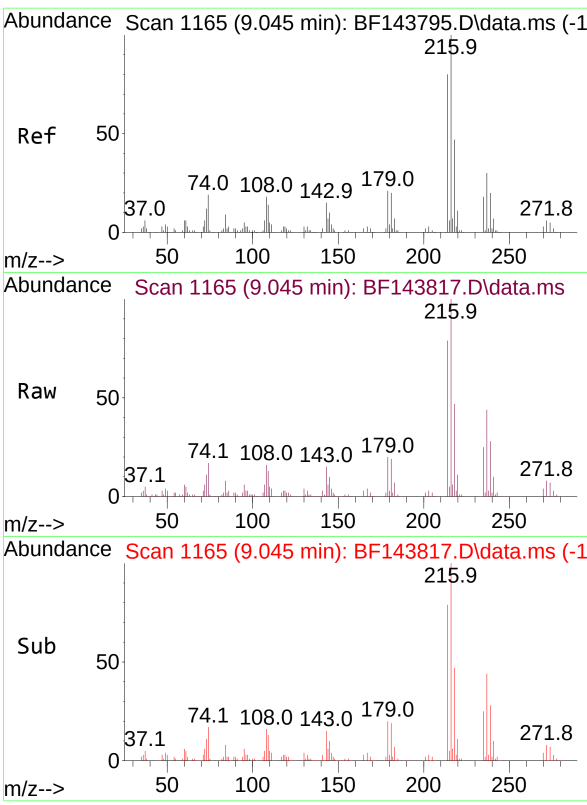


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 13
Delta R.T. -0.006 min
Lab File: BF143817.D
Acq: 25 Sep 2025 21:50

Tgt Ion:164 Resp: 197016

Ion	Ratio	Lower	Upper
164	100		
162	98.4	78.8	118.2
160	43.7	35.8	53.6

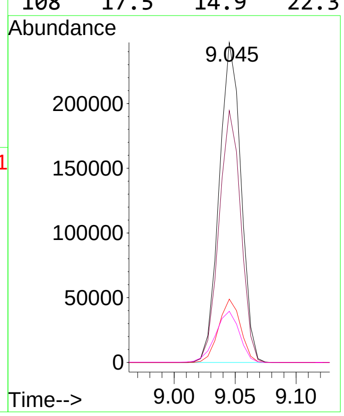




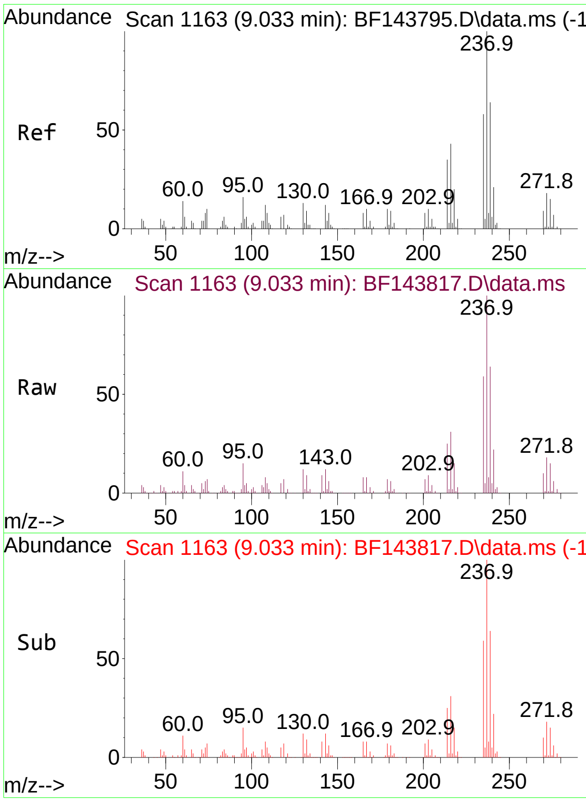
#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.818 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF143817.D
Acq: 25 Sep 2025 21:50

Tgt Ion:216 Resp: 308089

Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.7	95.5
179	19.7	16.5	24.7
108	17.5	14.9	22.3



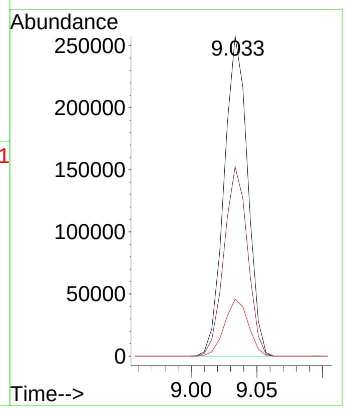
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MS

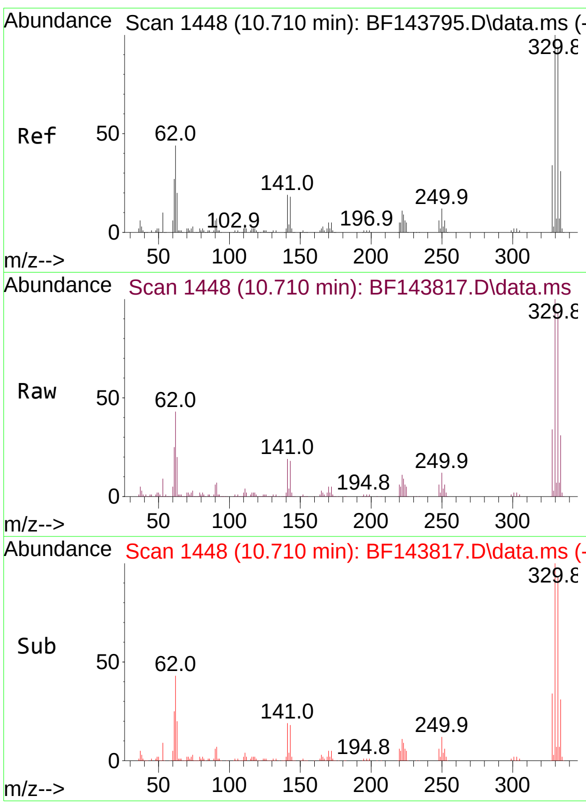


#41
Hexachlorocyclopentadiene
Concen: 85.324 ng
RT: 9.033 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143817.D
Acq: 25 Sep 2025 21:50

Tgt Ion:237 Resp: 321513

Ion	Ratio	Lower	Upper
237	100		
235	59.2	38.1	78.1
272	17.8	0.0	37.9

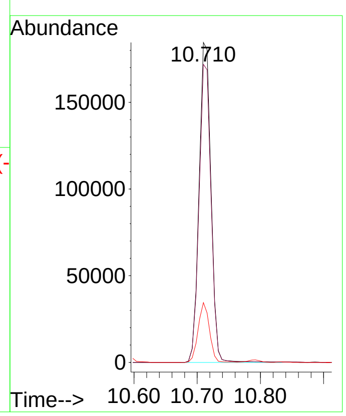




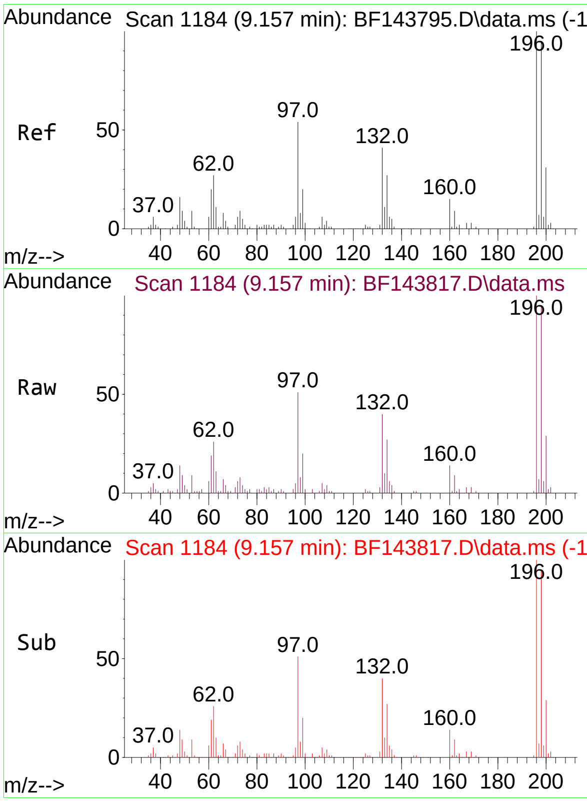
#42
2,4,6-Tribromophenol
Concen: 83.176 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF143817.D
Acq: 25 Sep 2025 21:50

Tgt Ion:330 Resp: 242635

Ion	Ratio	Lower	Upper
330	100		
332	93.1	74.7	112.1
141	17.7	14.3	21.5



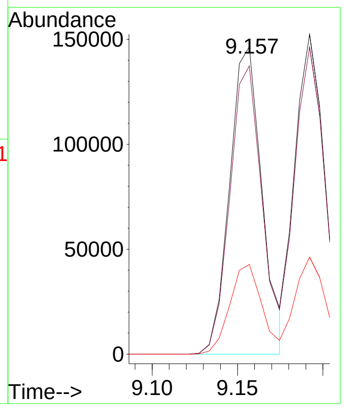
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MS

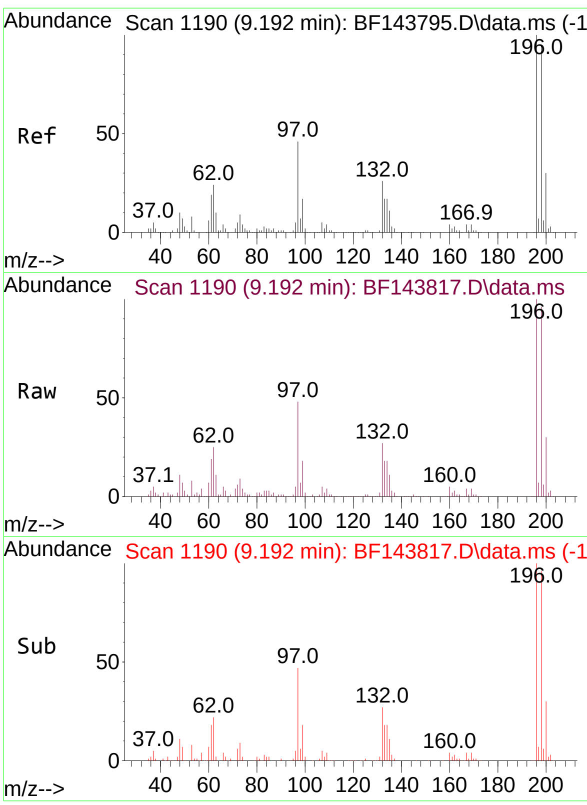


#43
2,4,6-Trichlorophenol
Concen: 51.756 ng
RT: 9.157 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143817.D
Acq: 25 Sep 2025 21:50

Tgt Ion:196 Resp: 192682

Ion	Ratio	Lower	Upper
196	100		
198	93.8	76.2	114.2
200	29.1	24.7	37.1

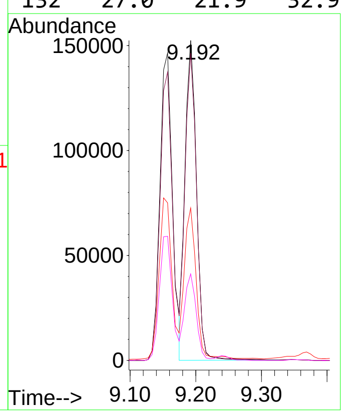




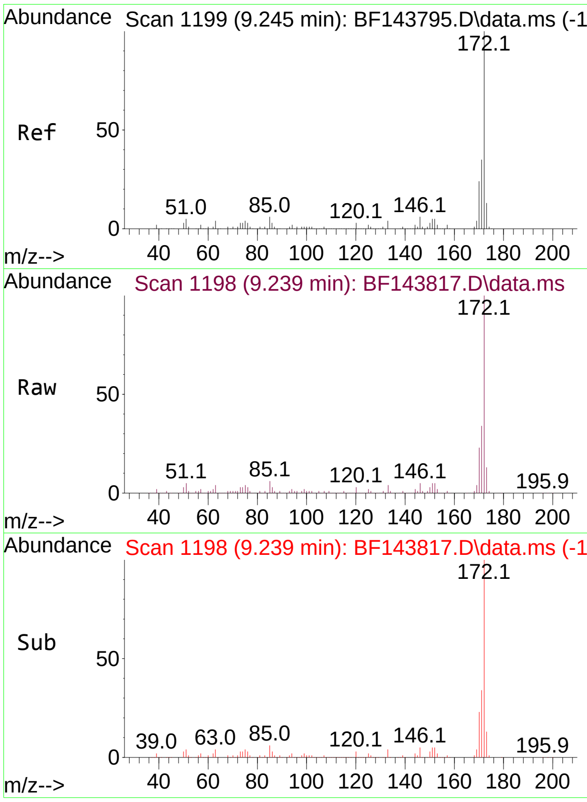
#44
2,4,5-Trichlorophenol
Concen: 48.183 ng
RT: 9.192 min Scan# 1190
Delta R.T. 0.000 min
Lab File: BF143817.D
Acq: 25 Sep 2025 21:50

Tgt Ion:196 Resp: 187630

Ion	Ratio	Lower	Upper
196	100		
198	96.0	75.9	113.9
97	47.6	38.3	57.5
132	27.0	21.9	32.9



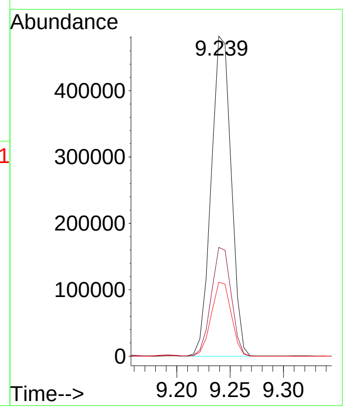
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MS

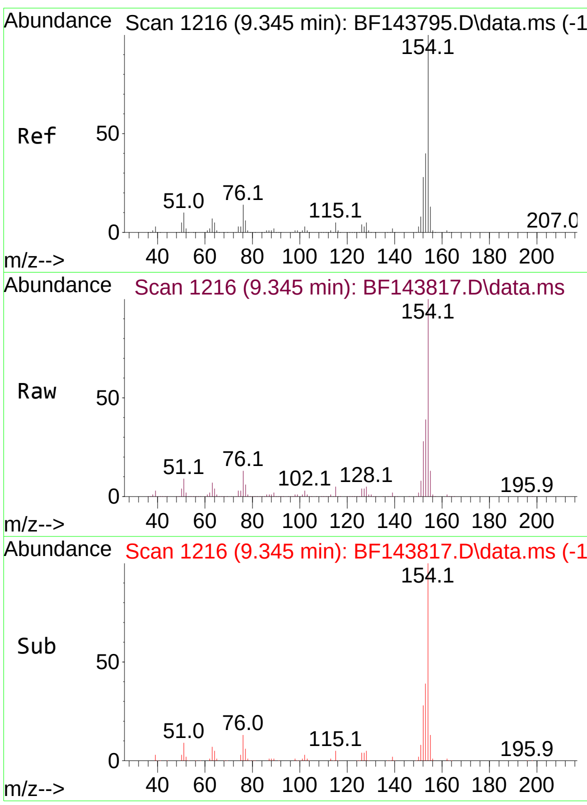


#45
2-Fluorobiphenyl
Concen: 49.831 ng
RT: 9.239 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143817.D
Acq: 25 Sep 2025 21:50

Tgt Ion:172 Resp: 629128

Ion	Ratio	Lower	Upper
172	100		
171	34.0	27.9	41.9
170	23.1	19.1	28.7

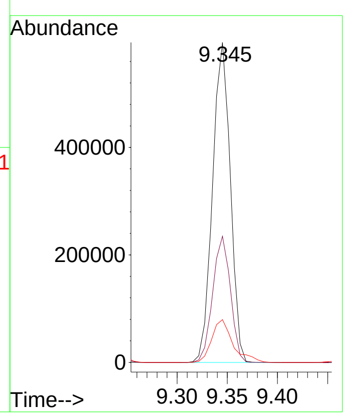




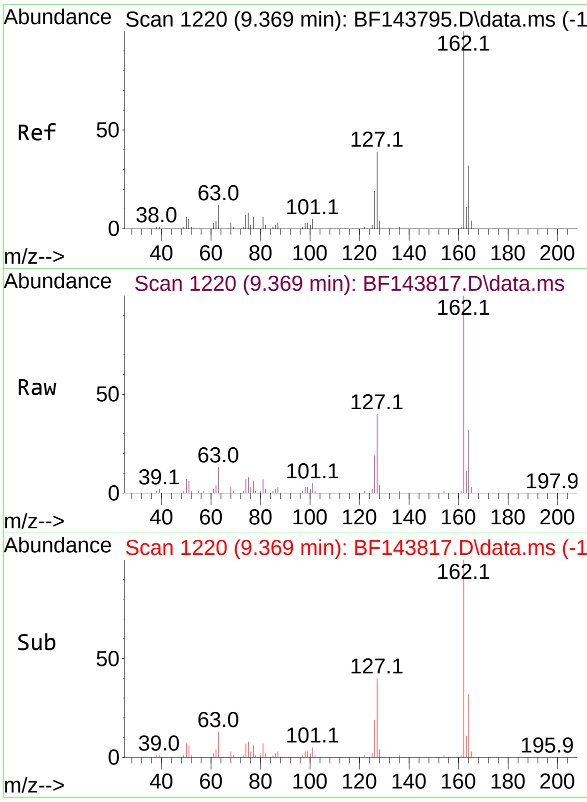
#46
1,1'-Biphenyl
Concen: 51.265 ng
RT: 9.345 min Scan# 1216
Delta R.T. 0.000 min
Lab File: BF143817.D
Acq: 25 Sep 2025 21:50

Tgt Ion:154 Resp: 731116

Ion	Ratio	Lower	Upper
154	100		
153	39.4	19.7	59.7
76	13.4	0.0	33.8



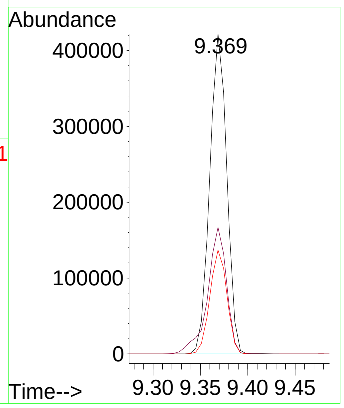
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MS

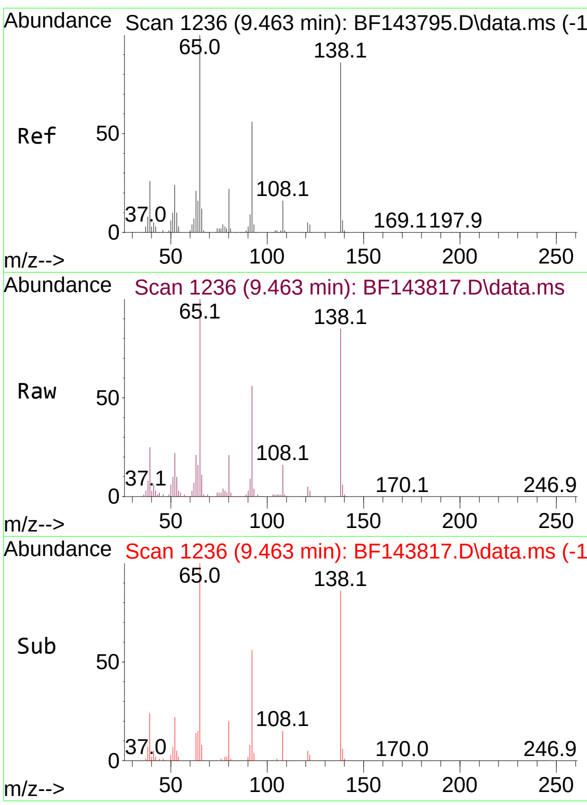


#47
2-Chloronaphthalene
Concen: 46.202 ng
RT: 9.369 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143817.D
Acq: 25 Sep 2025 21:50

Tgt Ion:162 Resp: 530383

Ion	Ratio	Lower	Upper
162	100		
127	39.5	31.5	47.3
164	32.4	25.9	38.9

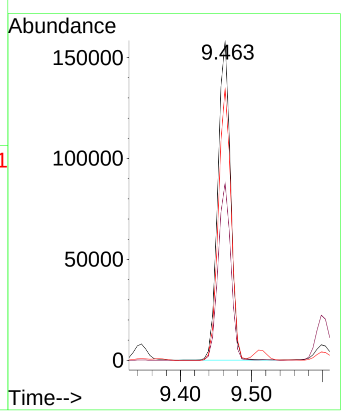




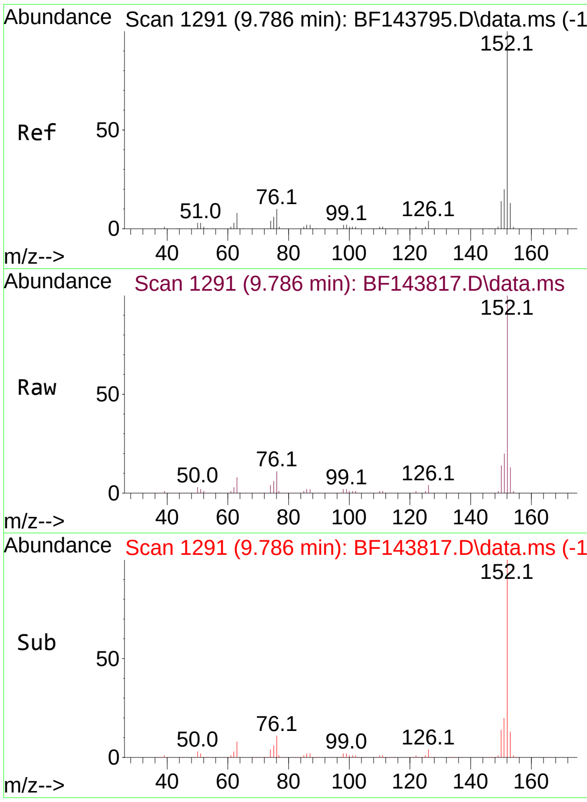
#48
2-Nitroaniline
Concen: 56.826 ng
RT: 9.463 min Scan# 1236
Delta R.T. -0.000 min
Lab File: BF143817.D
Acq: 25 Sep 2025 21:50

Tgt Ion: 65 Resp: 197163

Ion	Ratio	Lower	Upper
65	100		
92	55.5	44.9	67.3
138	85.2	69.0	103.4



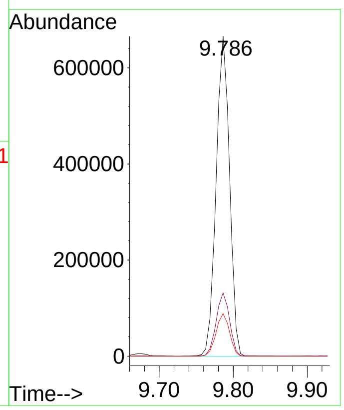
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MS

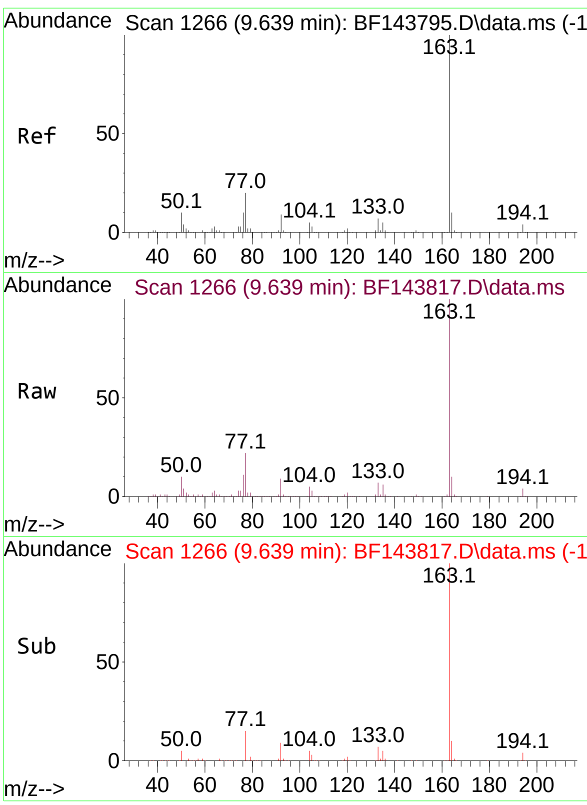


#49
Acenaphthylene
Concen: 53.101 ng
RT: 9.786 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143817.D
Acq: 25 Sep 2025 21:50

Tgt Ion:152 Resp: 839183

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.7	23.5
153	13.3	10.6	15.8

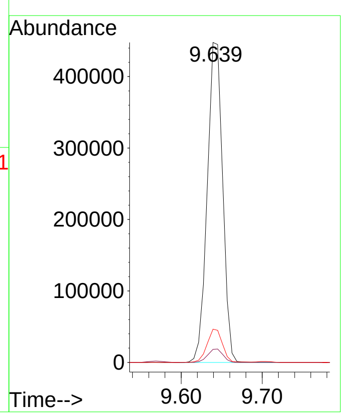




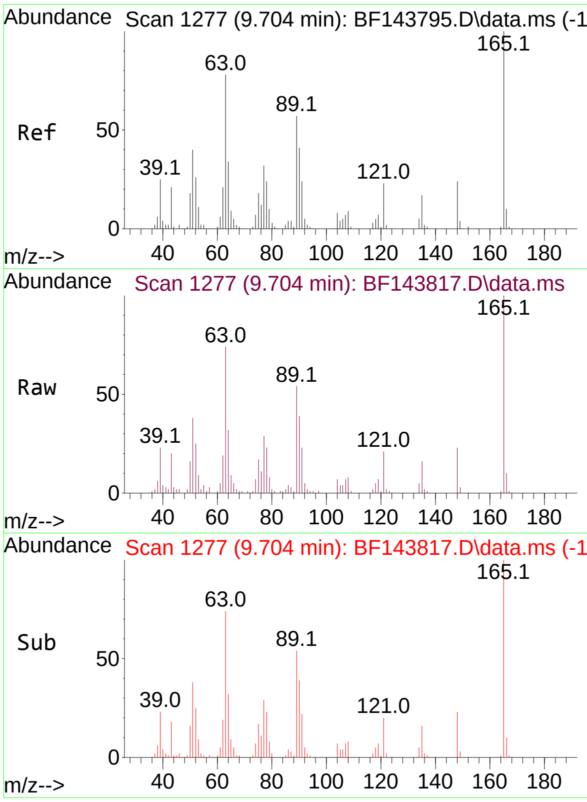
#50
Dimethylphthalate
Concen: 49.503 ng
RT: 9.639 min Scan# 1266
Delta R.T. -0.000 min
Lab File: BF143817.D
Acq: 25 Sep 2025 21:50

Tgt Ion:163 Resp: 594435

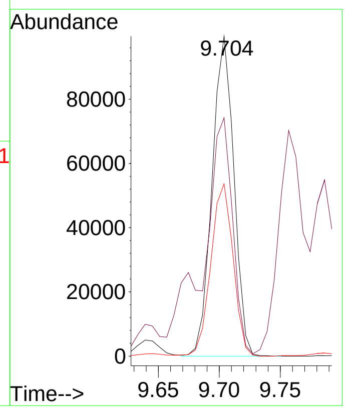
Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.6
164	10.4	8.2	12.2

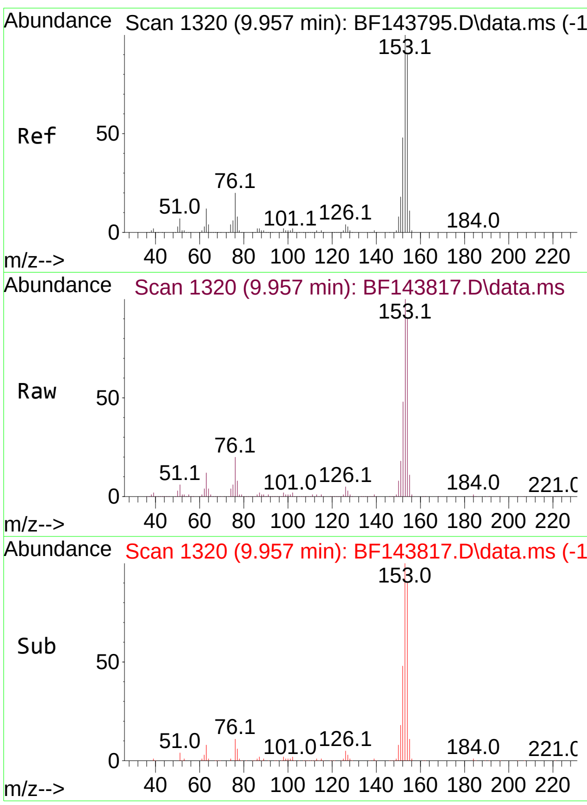


Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MS

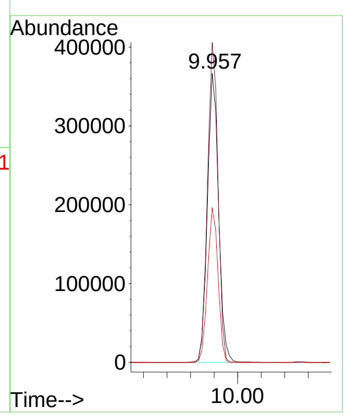



```
#51
2,6-Dinitrotoluene
Concen:   62.825 ng
RT:   9.704 min  Scan# 1
Delta R.T.  -0.000 min
Lab File:   BF143817.D
Acq: 25 Sep 2025  21:50

Tgt Ion:165 Resp:  123949
Ion  Ratio  Lower  Upper
165  100
 63   74.5   62.6   94.0
 89   53.8   45.2   67.8
```

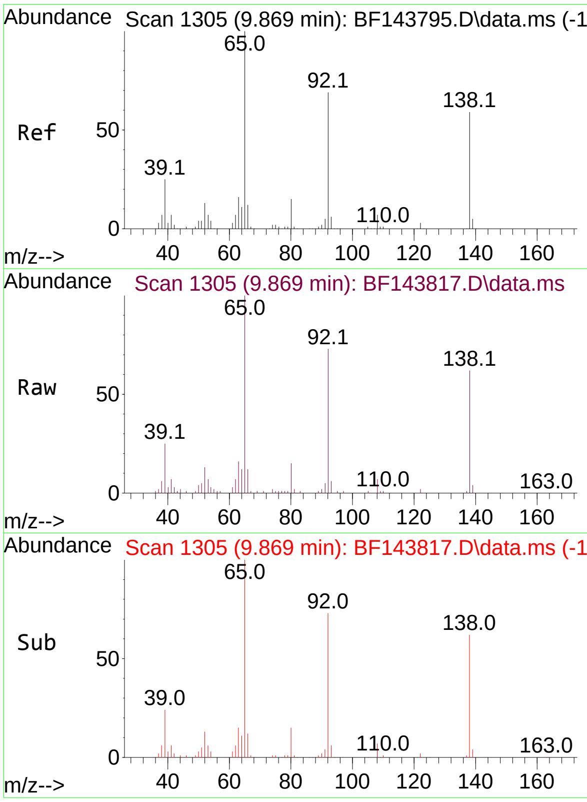





```
#52
Acenaphthene
Concen:   46.485 ng
RT:   9.957 min  Scan# 1320
Delta R.T.  -0.006 min
Lab File:   BF143817.D
Acq: 25 Sep 2025  21:50

Tgt Ion:154 Resp:  483438
Ion  Ratio  Lower  Upper
154  100
153  110.7   88.7  133.1
152   53.4   42.7   64.1
```



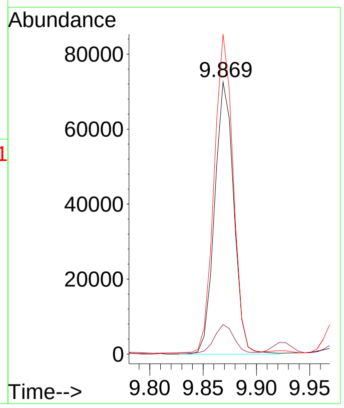
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MS

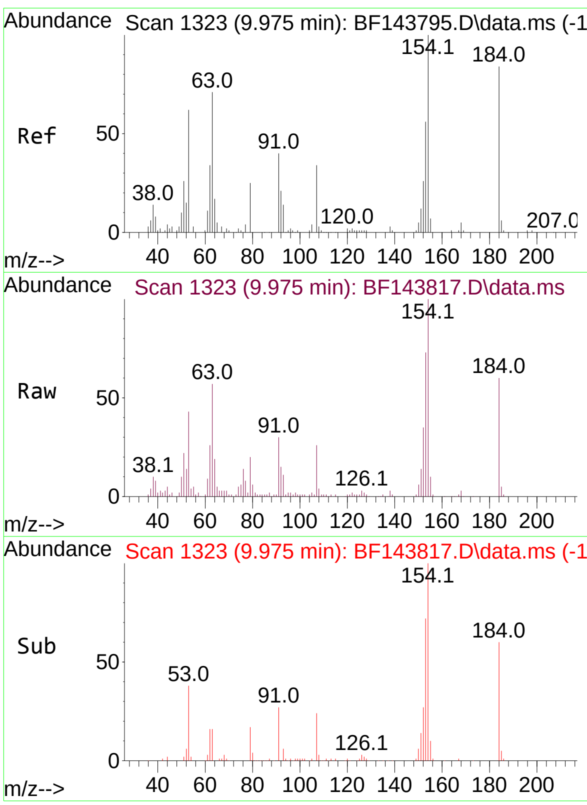


#53
3-Nitroaniline
Concen: 38.126 ng
RT: 9.869 min Scan# 13
Delta R.T. -0.006 min
Lab File: BF143817.D
Acq: 25 Sep 2025 21:50

Tgt Ion:138 Resp: 91177

Ion	Ratio	Lower	Upper
138	100		
108	10.9	9.9	14.9
92	117.5	93.5	140.3

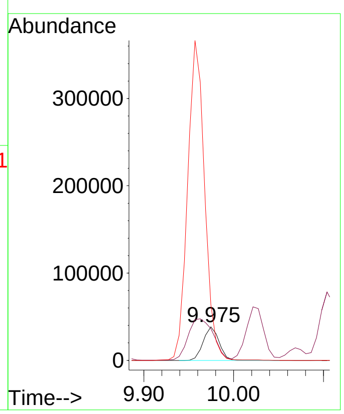




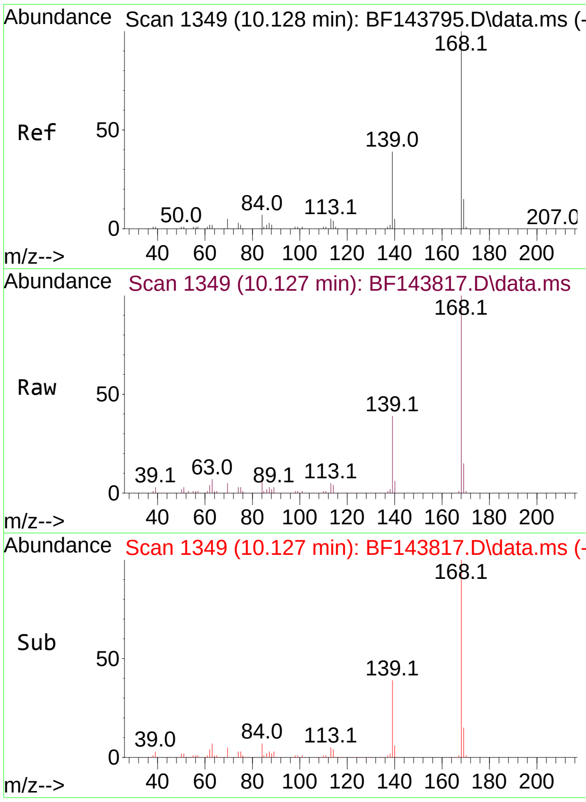
#54
2,4-Dinitrophenol
Concen: 63.893 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BF143817.D
Acq: 25 Sep 2025 21:50

Tgt Ion:184 Resp: 47537

Ion	Ratio	Lower	Upper
184	100		
63	94.9	84.6	127.0
154	165.9	199.3	298.9#



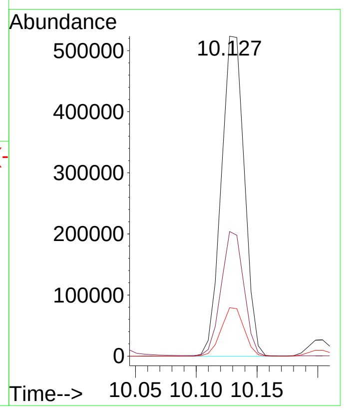
Instrument : BNA_F
ClientSampleId : EME-TS14-01MS

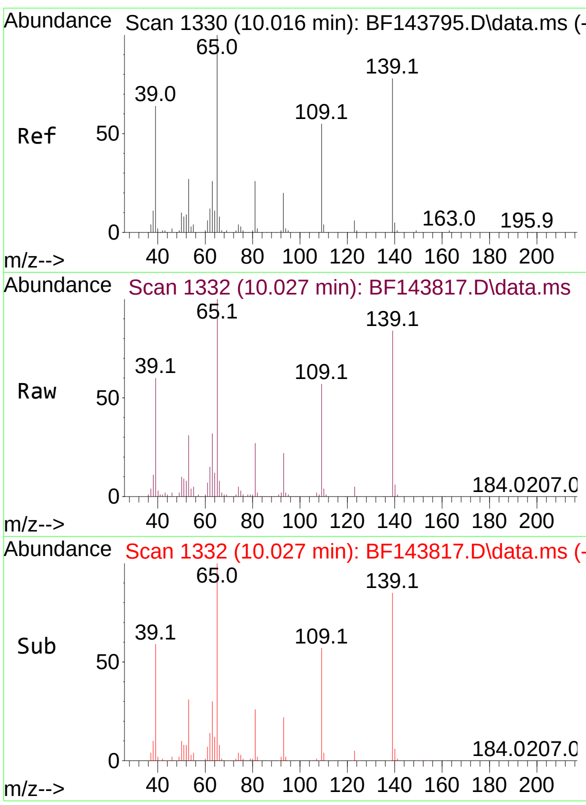


#55
Dibenzofuran
Concen: 46.979 ng
RT: 10.127 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143817.D
Acq: 25 Sep 2025 21:50

Tgt Ion:168 Resp: 690882

Ion	Ratio	Lower	Upper
168	100		
139	38.9	31.0	46.6
169	15.1	11.9	17.9

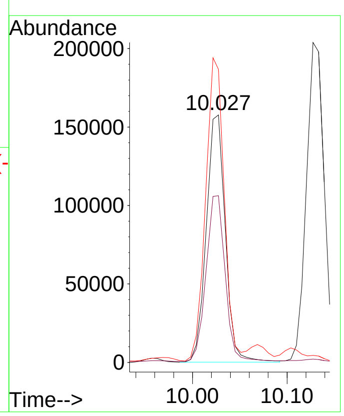




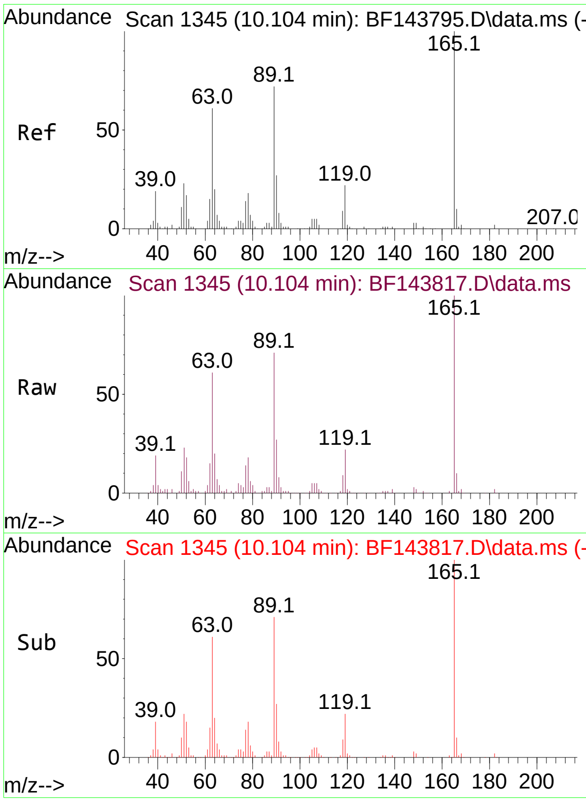
#56
4-Nitrophenol
Concen: 114.521 ng
RT: 10.027 min Scan# 1332
Delta R.T. 0.006 min
Lab File: BF143817.D
Acq: 25 Sep 2025 21:50

Tgt Ion:139 Resp: 220693

Ion	Ratio	Lower	Upper
139	100		
109	67.4	50.2	90.2
65	118.4	109.2	149.2



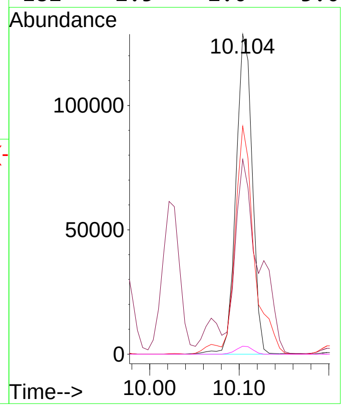
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MS

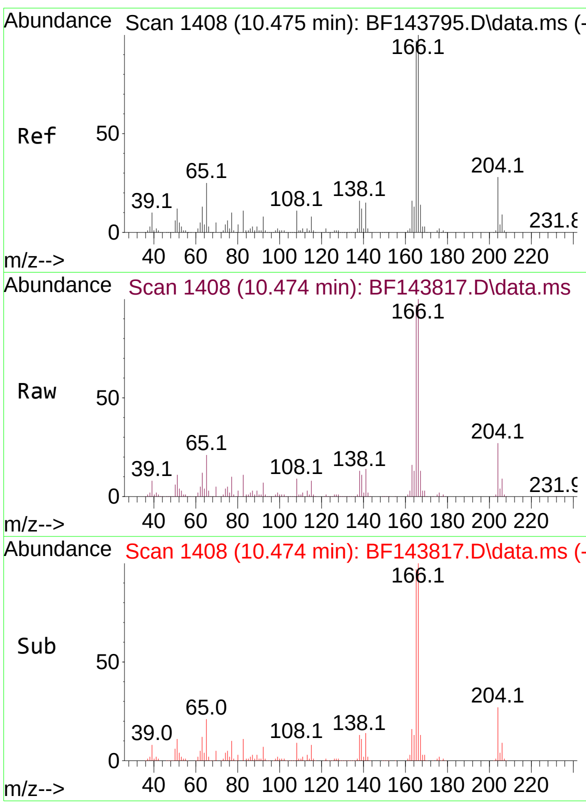


#57
2,4-Dinitrotoluene
Concen: 55.295 ng
RT: 10.104 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143817.D
Acq: 25 Sep 2025 21:50

Tgt Ion:165 Resp: 163310

Ion	Ratio	Lower	Upper
165	100		
63	60.9	48.9	73.3
89	71.2	57.5	86.3
182	2.5	2.0	3.0

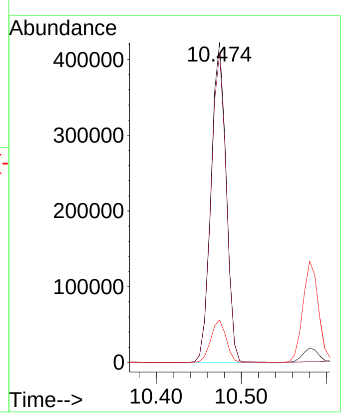




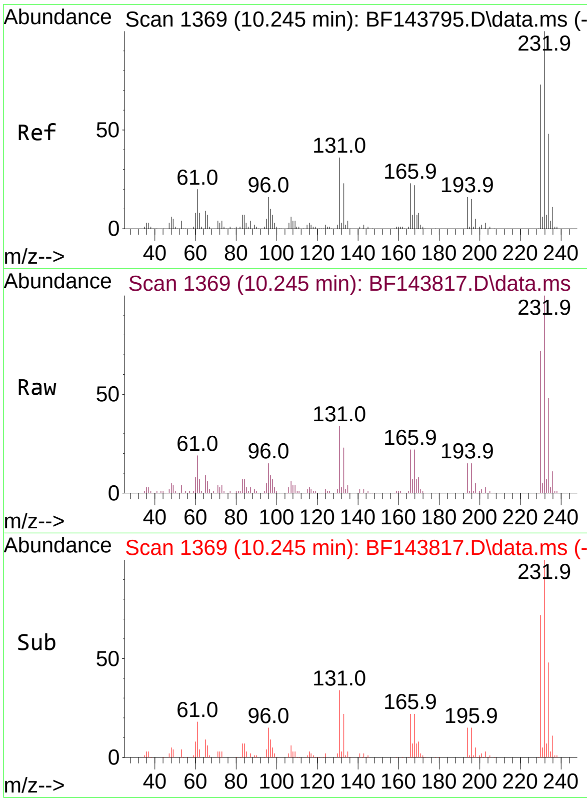
#58
Fluorene
Concen: 47.838 ng
RT: 10.474 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF143817.D
Acq: 25 Sep 2025 21:50

Tgt Ion:166 Resp: 523002

Ion	Ratio	Lower	Upper
166	100		
165	96.7	78.0	117.0
167	13.2	10.9	16.3



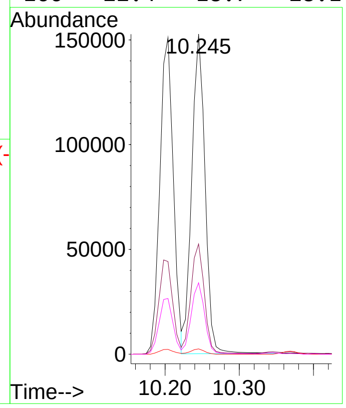
Instrument : BNA_F
ClientSampleId : EME-TS14-01MS

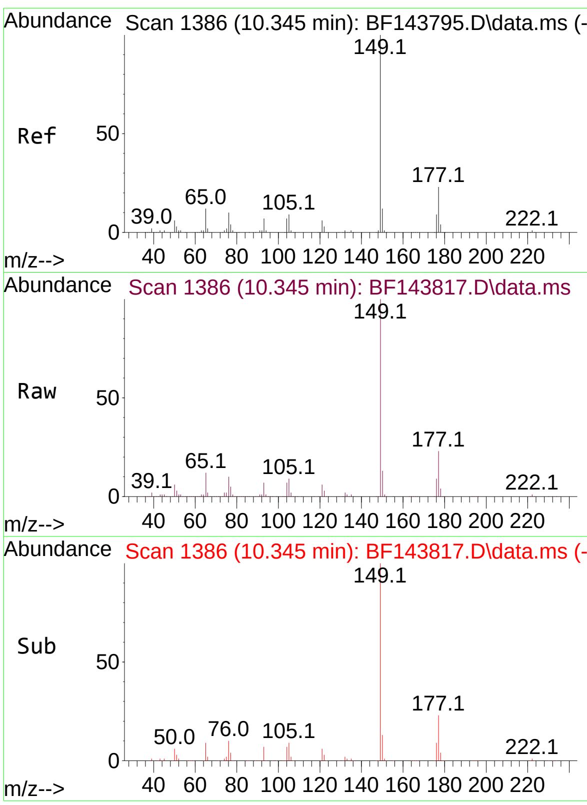


#59
2,3,4,6-Tetrachlorophenol
Concen: 57.116 ng
RT: 10.245 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143817.D
Acq: 25 Sep 2025 21:50

Tgt Ion:232 Resp: 190538

Ion	Ratio	Lower	Upper
232	100		
131	34.5	29.4	44.2
130	1.6	1.3	1.9
166	22.4	18.7	28.1

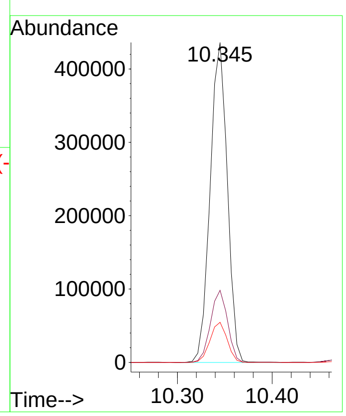




#60
Diethylphthalate
Concen: 48.872 ng
RT: 10.345 min Scan# 1386
Delta R.T. -0.000 min
Lab File: BF143817.D
Acq: 25 Sep 2025 21:50

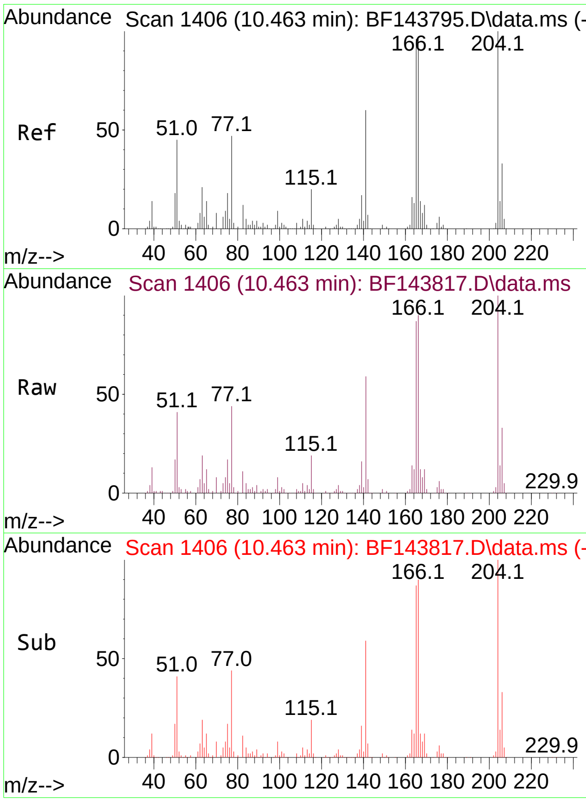
Tgt Ion:149 Resp: 549355

Ion	Ratio	Lower	Upper
149	100		
177	22.5	18.1	27.1
150	12.5	9.7	14.5



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

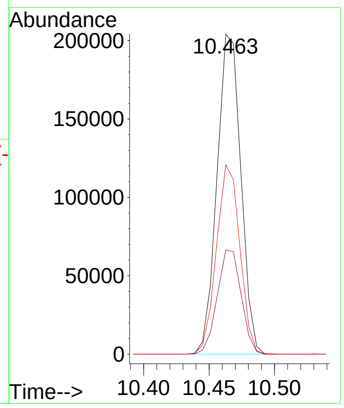
Instrument :	BNA_F
ClientSampleId :	EME-TS14-01MS

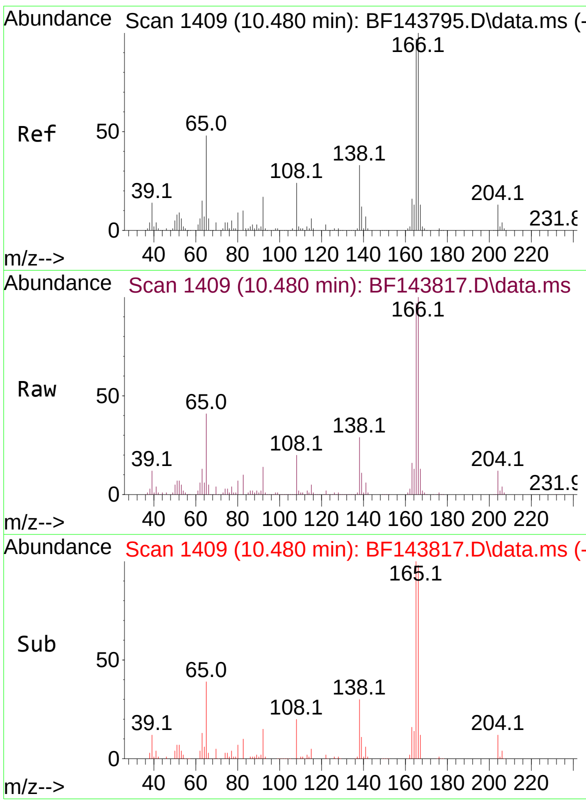


#61
4-Chlorophenyl-phenylether
Concen: 46.583 ng
RT: 10.463 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143817.D
Acq: 25 Sep 2025 21:50

Tgt Ion:204 Resp: 259499

Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.7	40.1
141	59.2	48.2	72.2

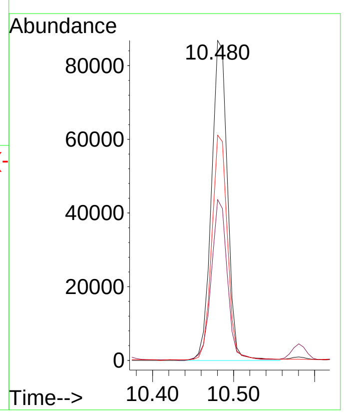




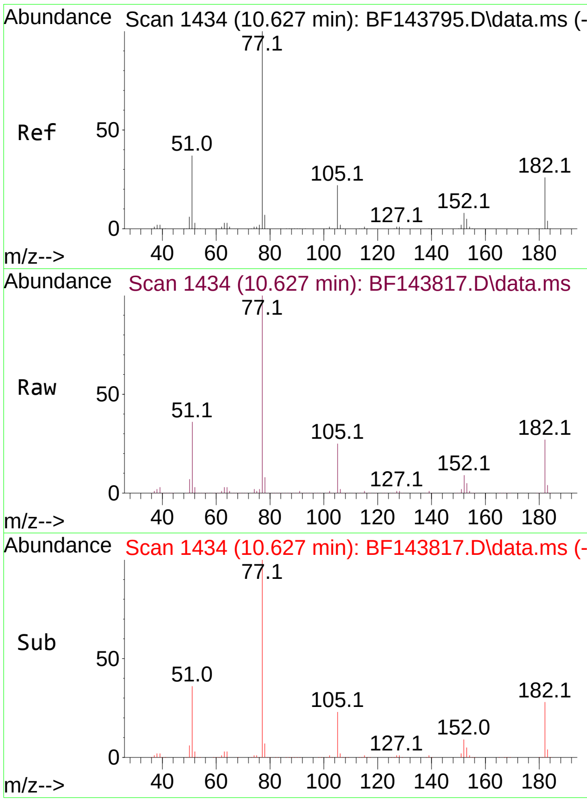
#62
4-Nitroaniline
Concen: 53.282 ng
RT: 10.480 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF143817.D
Acq: 25 Sep 2025 21:50

Tgt Ion:138 Resp: 119810

Ion	Ratio	Lower	Upper
138	100		
92	50.2	31.5	71.5
108	70.4	51.9	91.9



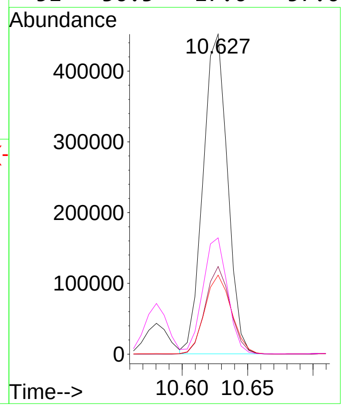
Instrument : BNA_F
ClientSampleId : EME-TS14-01MS

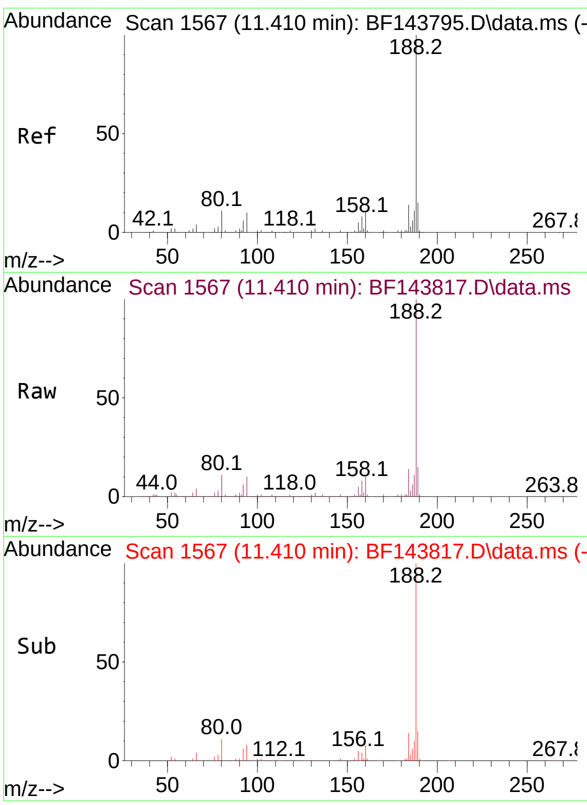


#63
Azobenzene
Concen: 49.483 ng
RT: 10.627 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143817.D
Acq: 25 Sep 2025 21:50

Tgt Ion: 77 Resp: 586205

Ion	Ratio	Lower	Upper
77	100		
182	27.4	5.9	45.9
105	24.7	2.3	42.3
51	36.3	17.6	57.6

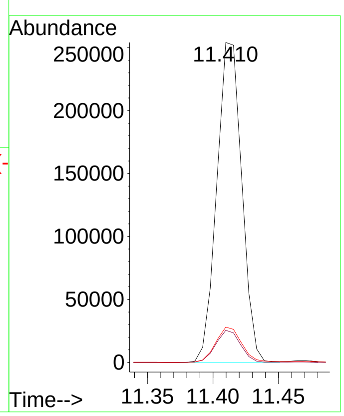




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF143817.D
Acq: 25 Sep 2025 21:50

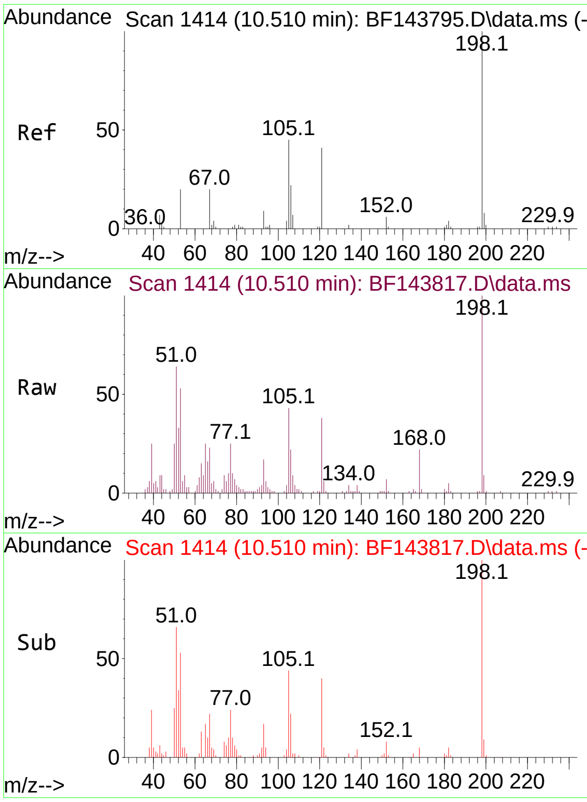
Tgt Ion:188 Resp: 338625

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.2	12.2
80	11.0	8.6	12.8



Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MS

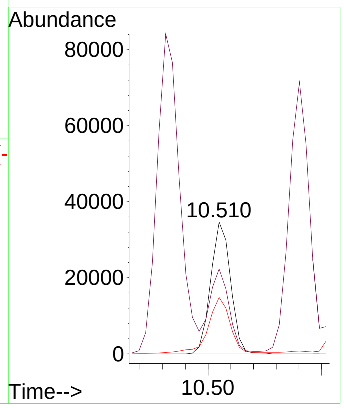
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

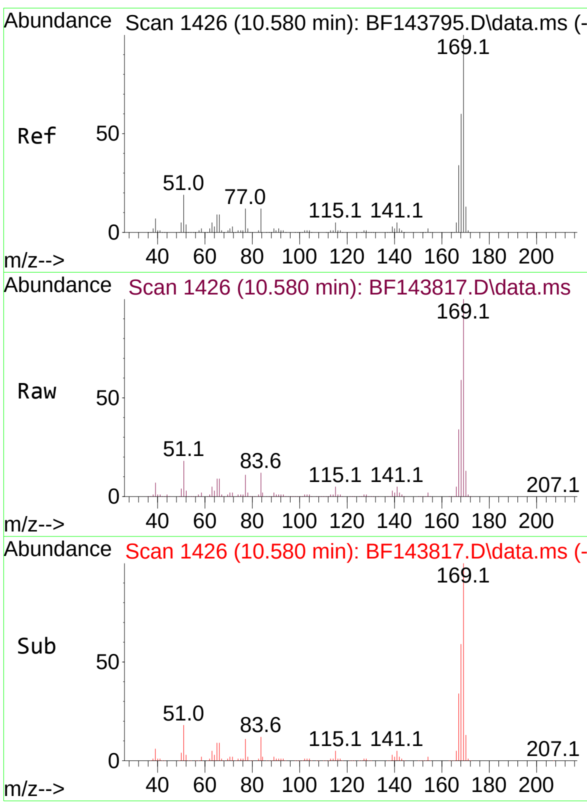


#65
4,6-Dinitro-2-methylphenol
Concen: 36.969 ng
RT: 10.510 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143817.D
Acq: 25 Sep 2025 21:50

Tgt Ion:198 Resp: 42324

Ion	Ratio	Lower	Upper
198	100		
51	64.4	52.0	92.0
105	42.8	27.5	67.5

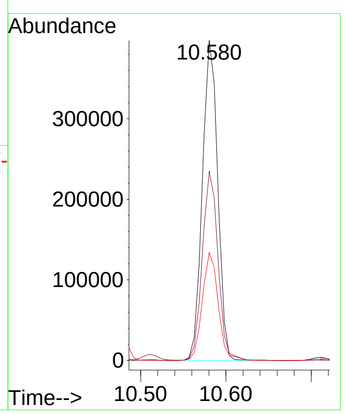




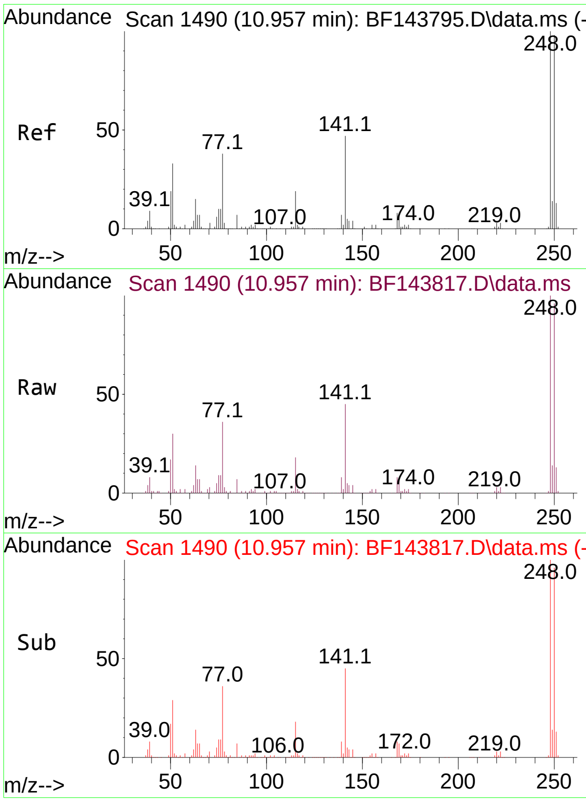
#66
n-Nitrosodiphenylamine
Concen: 44.583 ng
RT: 10.580 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF143817.D
Acq: 25 Sep 2025 21:50

Tgt Ion:169 Resp: 496491

Ion	Ratio	Lower	Upper
169	100		
168	59.0	47.9	71.9
167	33.7	27.0	40.6



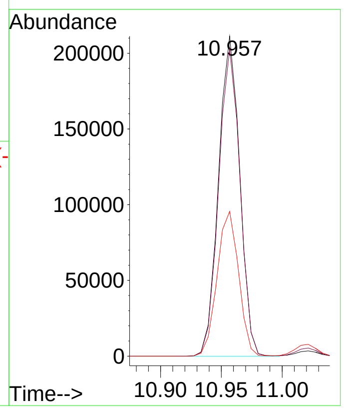
Instrument : BNA_F
ClientSampleId : EME-TS14-01MS

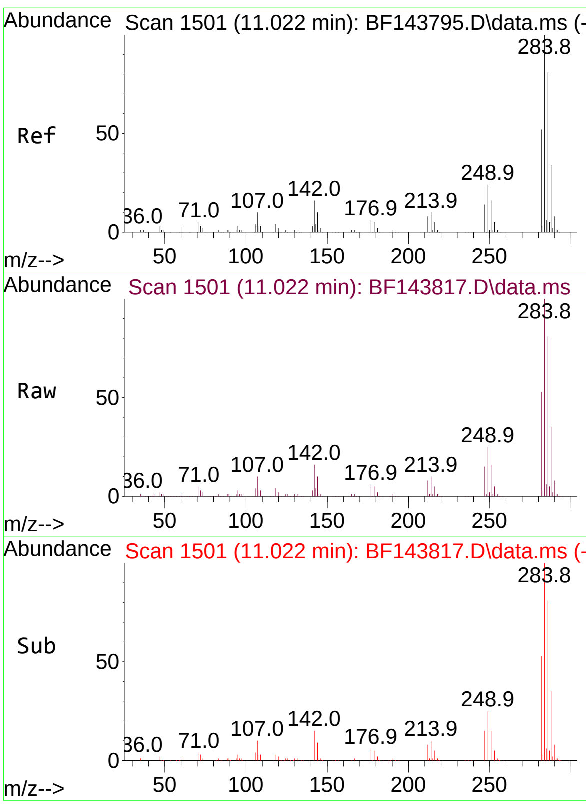


#67
4-Bromophenyl-phenylether
Concen: 44.607 ng
RT: 10.957 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143817.D
Acq: 25 Sep 2025 21:50

Tgt Ion:248 Resp: 257415

Ion	Ratio	Lower	Upper
248	100		
250	96.1	78.7	118.1
141	45.2	37.9	56.9

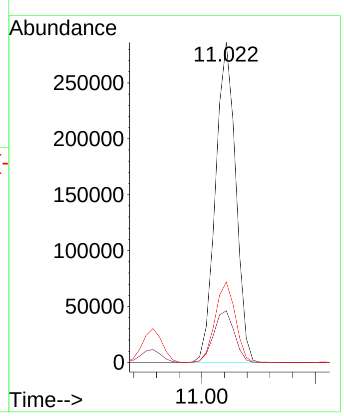




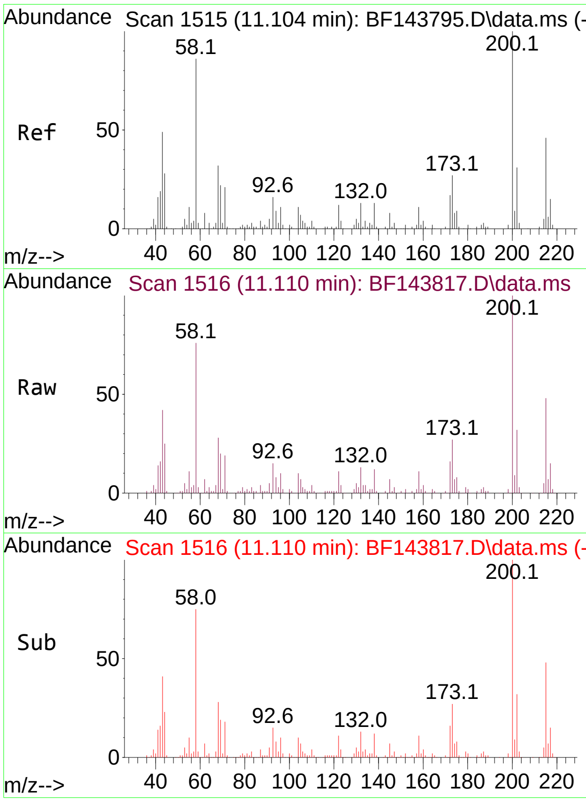
#68
Hexachlorobenzene
Concen: 44.576 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.000 min
Lab File: BF143817.D
Acq: 25 Sep 2025 21:50

Tgt Ion:284 Resp: 354496

Ion	Ratio	Lower	Upper
284	100		
142	16.2	13.1	19.7
249	25.1	19.5	29.3



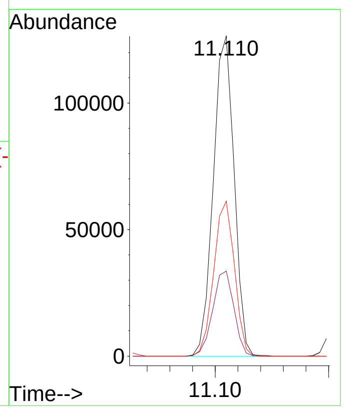
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MS

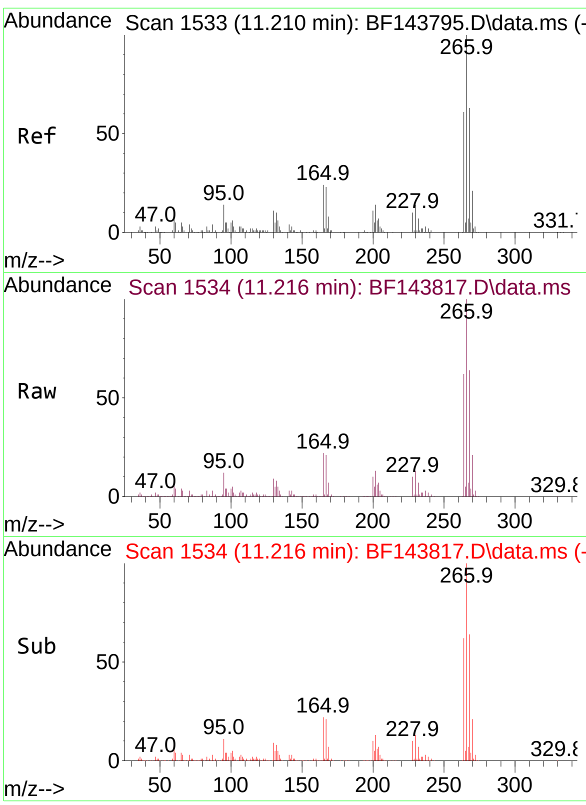


#69
Atrazine
Concen: 50.006 ng
RT: 11.110 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143817.D
Acq: 25 Sep 2025 21:50

Tgt Ion:200 Resp: 161262

Ion	Ratio	Lower	Upper
200	100		
173	26.6	7.2	47.2
215	48.4	26.0	66.0

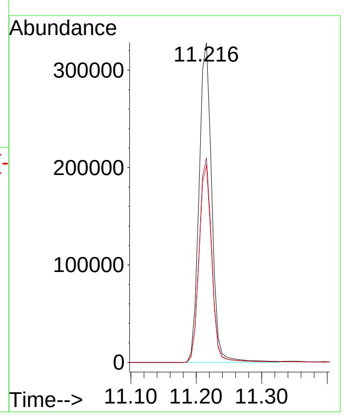




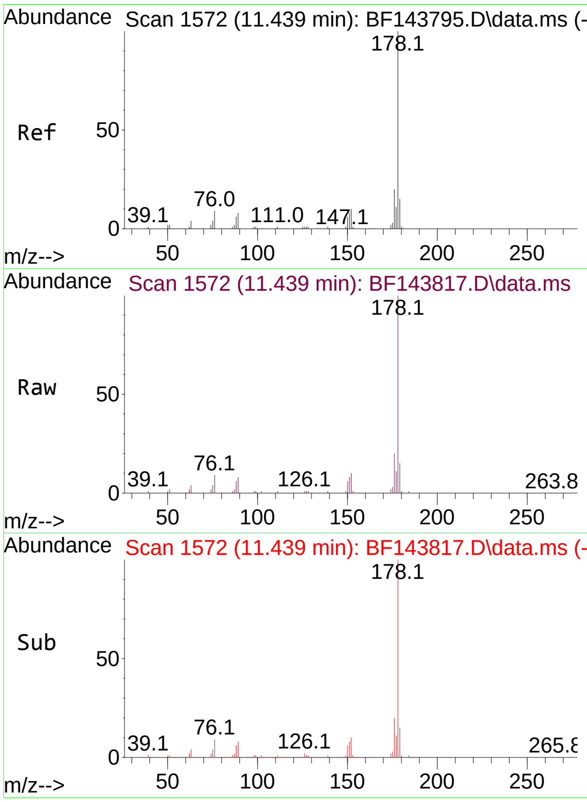
#70
Pentachlorophenol
Concen: 111.364 ng
RT: 11.216 min Scan# 1534
Delta R.T. -0.000 min
Lab File: BF143817.D
Acq: 25 Sep 2025 21:50

Tgt Ion:266 Resp: 440851

Ion	Ratio	Lower	Upper
266	100		
268	63.9	50.5	75.7
264	61.6	48.8	73.2



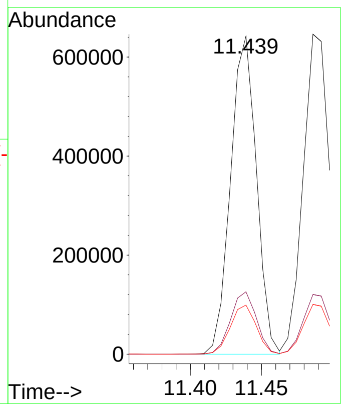
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MS

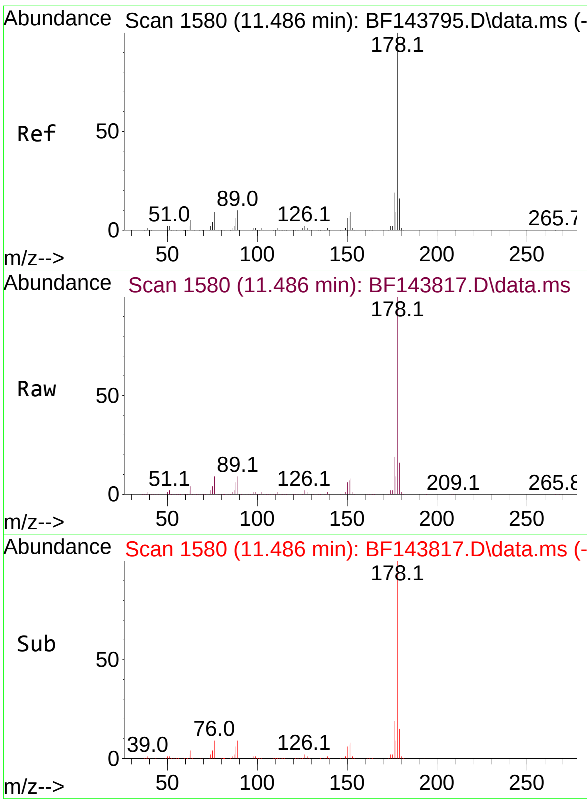


#71
Phenanthrene
Concen: 46.754 ng
RT: 11.439 min Scan# 15
Delta R.T. -0.000 min
Lab File: BF143817.D
Acq: 25 Sep 2025 21:50

Tgt Ion:178 Resp: 812817

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.6	23.4
179	15.4	12.2	18.4

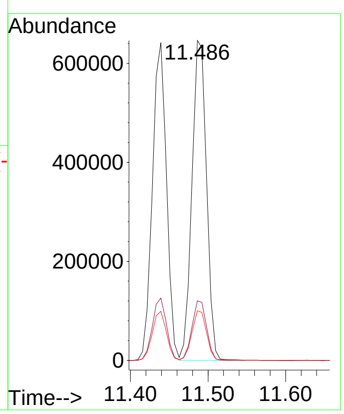




#72
Anthracene
Concen: 48.290 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF143817.D
Acq: 25 Sep 2025 21:50

Tgt Ion:178 Resp: 842097

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.3	22.9
179	15.5	12.8	19.2



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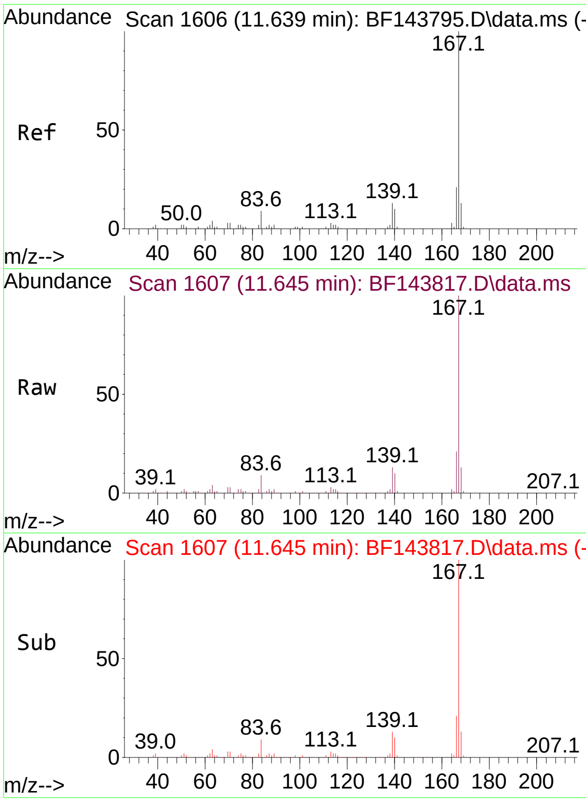
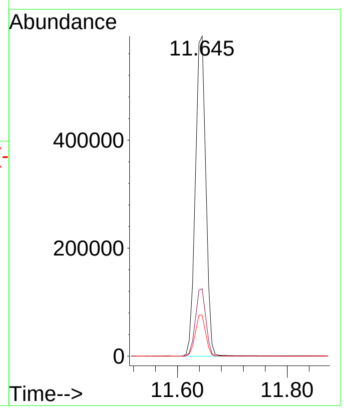
Instrument : BNA_F
ClientSampleId : EME-TS14-01MS

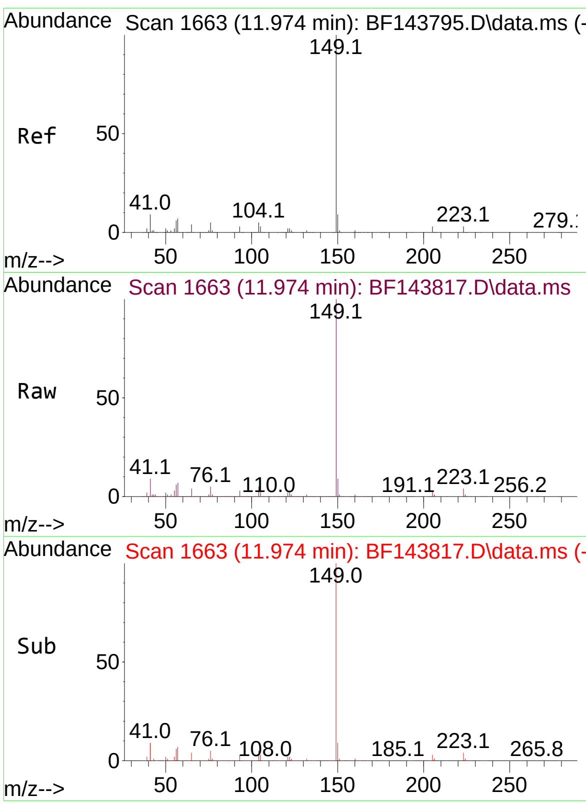


#73
Carbazole
Concen: 51.713 ng
RT: 11.645 min Scan# 16
Delta R.T. -0.000 min
Lab File: BF143817.D
Acq: 25 Sep 2025 21:50

Tgt Ion:167 Resp: 788458

Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.0	25.4
139	12.8	10.6	15.8

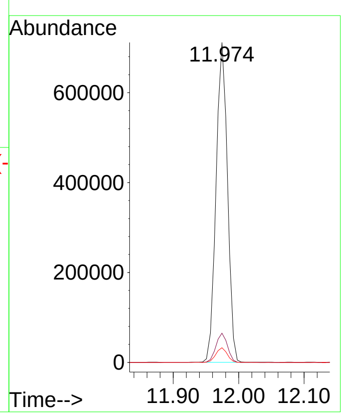




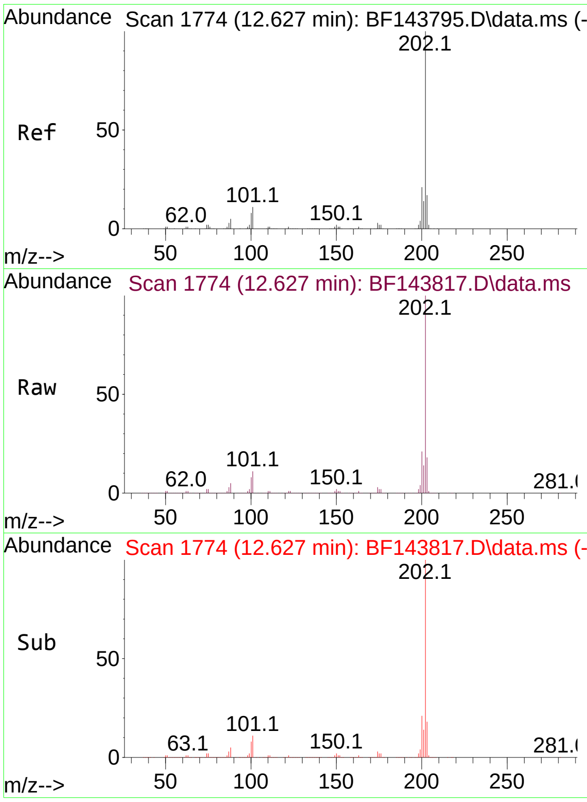
#74
Di-n-butylphthalate
Concen: 49.358 ng
RT: 11.974 min Scan# 1663
Delta R.T. -0.000 min
Lab File: BF143817.D
Acq: 25 Sep 2025 21:50

Tgt Ion:149 Resp: 865492

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.3	10.9
104	4.6	3.6	5.4



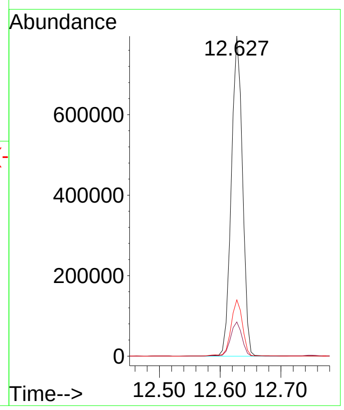
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MS

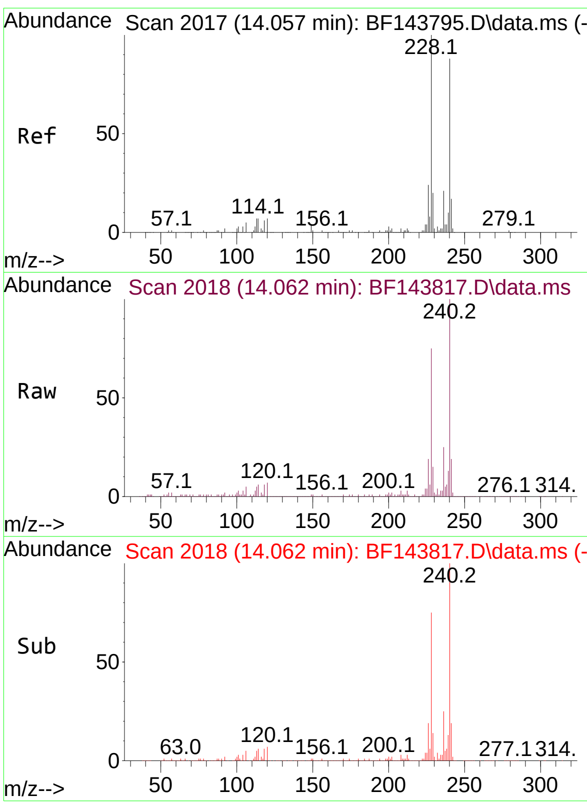


#75
Fluoranthene
Concen: 57.995 ng
RT: 12.627 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143817.D
Acq: 25 Sep 2025 21:50

Tgt Ion:202 Resp: 1014060

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	31.1
203	17.6	0.0	37.4

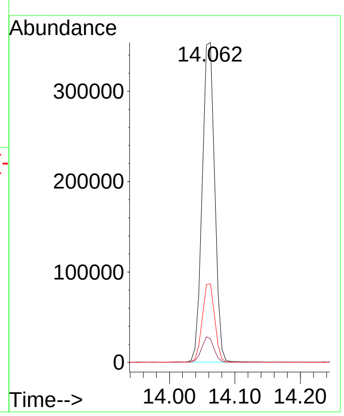




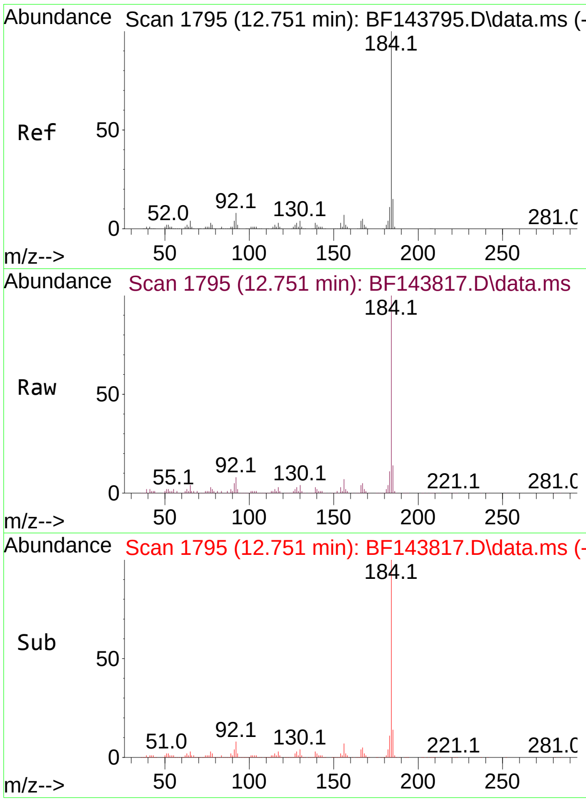
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.062 min Scan# 2018
Delta R.T. -0.000 min
Lab File: BF143817.D
Acq: 25 Sep 2025 21:50

Tgt Ion:240 Resp: 466221

Ion	Ratio	Lower	Upper
240	100		
120	7.3	6.2	9.4
236	24.6	19.4	29.2



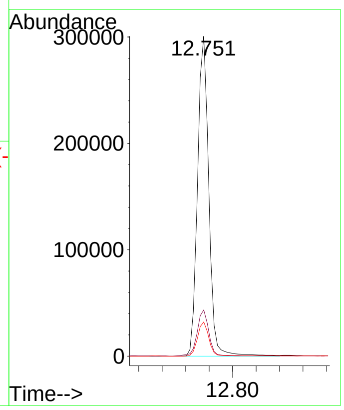
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MS

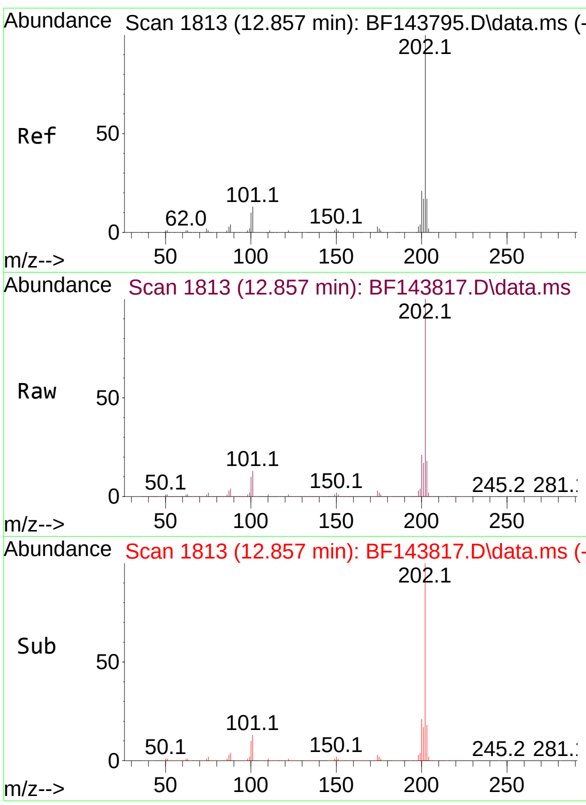


#77
Benzidine
Concen: 35.214 ng
RT: 12.751 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143817.D
Acq: 25 Sep 2025 21:50

Tgt Ion:184 Resp: 400056

Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.6	17.4
183	10.7	8.6	13.0

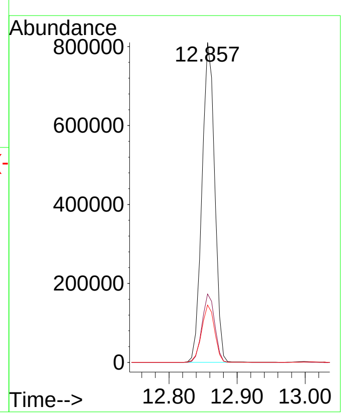




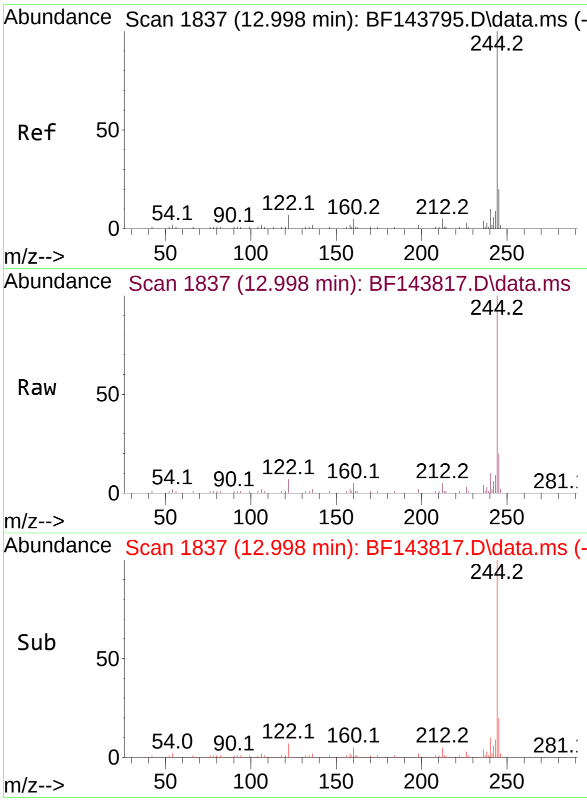
#78
Pyrene
Concen: 46.019 ng
RT: 12.857 min Scan# 1813
Delta R.T. -0.000 min
Lab File: BF143817.D
Acq: 25 Sep 2025 21:50

Tgt Ion:202 Resp: 1054811

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.0	25.4
203	18.0	13.9	20.9



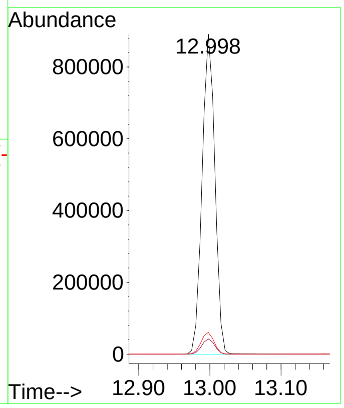
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MS

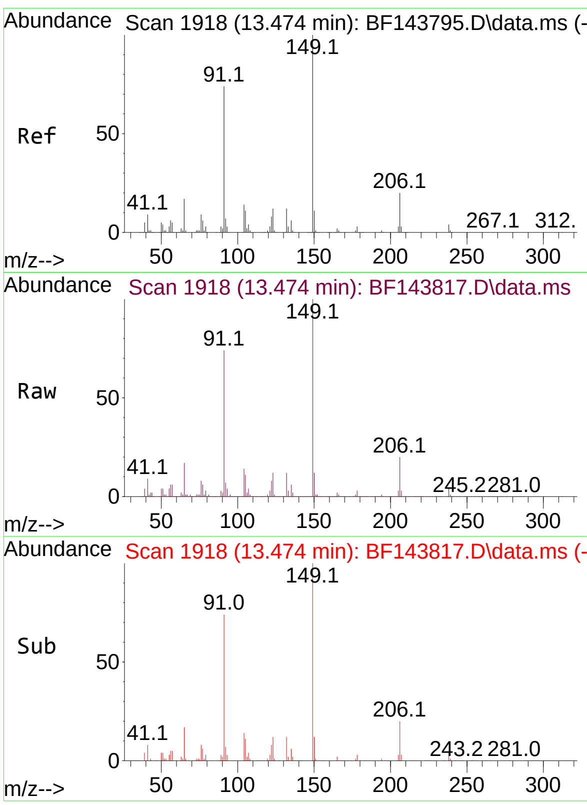


#79
Terphenyl-d14
Concen: 48.255 ng
RT: 12.998 min Scan# 18
Delta R.T. -0.006 min
Lab File: BF143817.D
Acq: 25 Sep 2025 21:50

Tgt Ion:244 Resp: 1106215

Ion	Ratio	Lower	Upper
244	100		
212	4.8	3.9	5.9
122	6.8	5.6	8.4

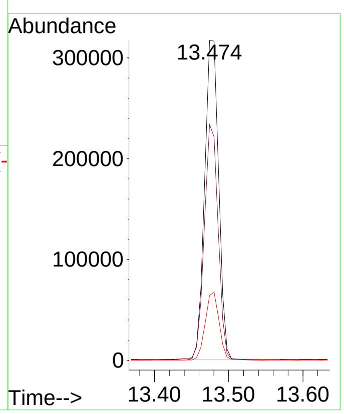




#80
Butylbenzylphthalate
Concen: 52.702 ng
RT: 13.474 min Scan# 1918
Delta R.T. -0.006 min
Lab File: BF143817.D
Acq: 25 Sep 2025 21:50

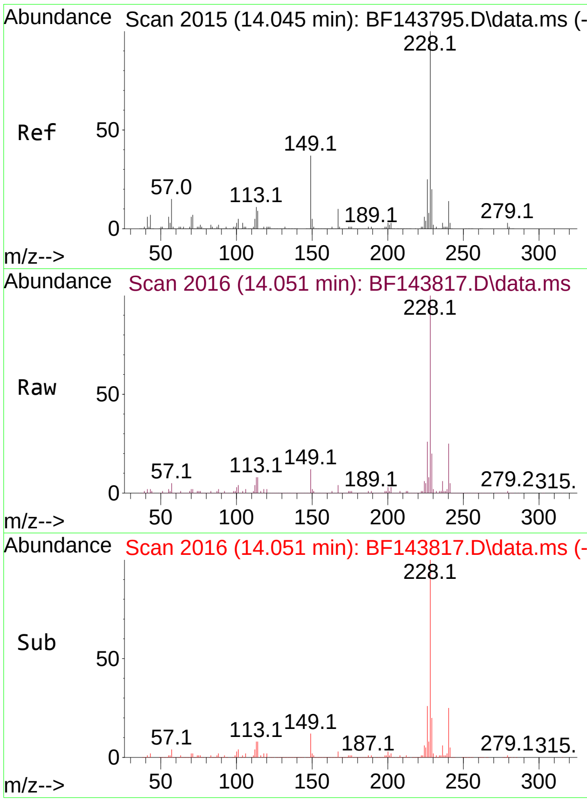
Tgt Ion:149 Resp: 417931

Ion	Ratio	Lower	Upper
149	100		
91	73.7	59.5	89.3
206	20.3	16.1	24.1



Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MS

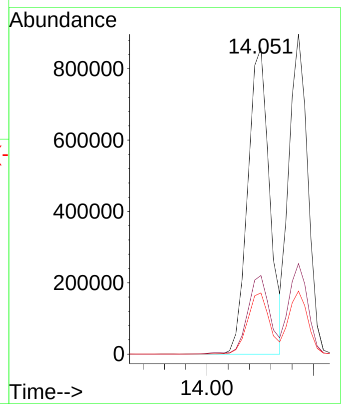
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

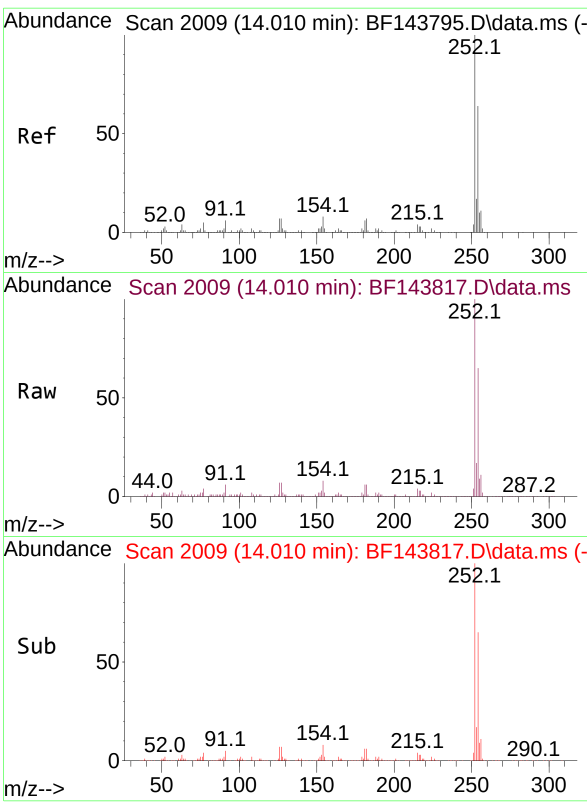


#81
Benzo(a)anthracene
Concen: 48.951 ng
RT: 14.051 min Scan# 20
Delta R.T. -0.000 min
Lab File: BF143817.D
Acq: 25 Sep 2025 21:50

Tgt Ion:228 Resp: 1226054

Ion	Ratio	Lower	Upper
228	100		
226	25.7	20.2	30.2
229	20.0	16.1	24.1

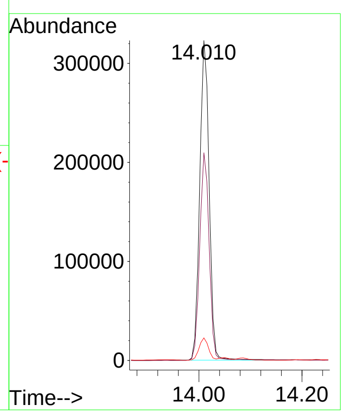




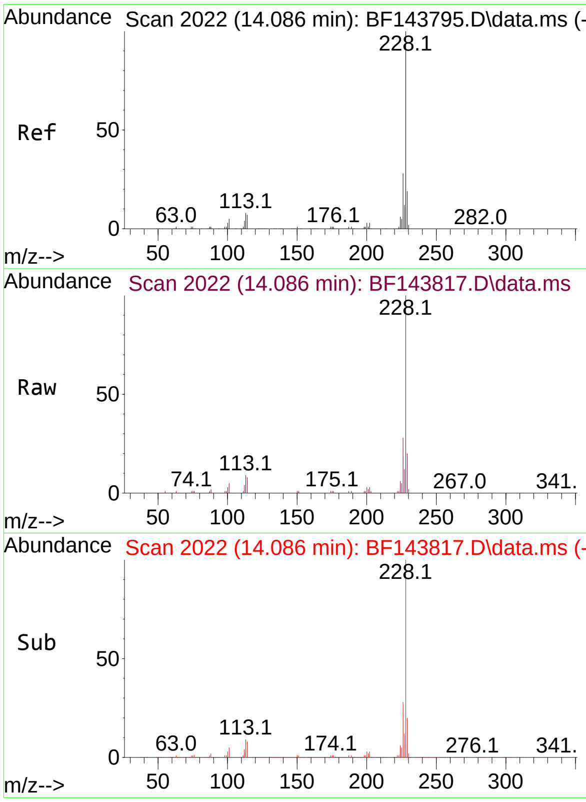
#82
3,3'-Dichlorobenzidine
Concen: 37.859 ng
RT: 14.010 min Scan# 2009
Delta R.T. -0.000 min
Lab File: BF143817.D
Acq: 25 Sep 2025 21:50

Tgt Ion:252 Resp: 410788

Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.5	77.3
126	7.0	5.4	8.2



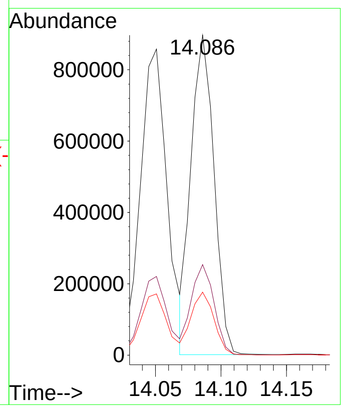
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MS

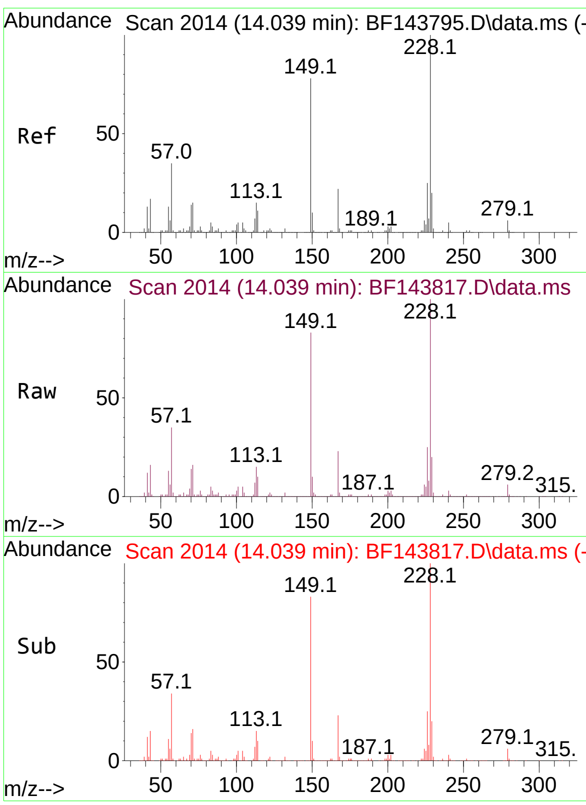


#83
Chrysene
Concen: 48.288 ng
RT: 14.086 min Scan# 20
Delta R.T. -0.000 min
Lab File: BF143817.D
Acq: 25 Sep 2025 21:50

Tgt Ion:228 Resp: 1094367

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	19.7	15.6	23.4

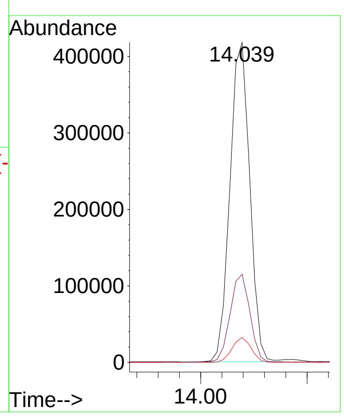




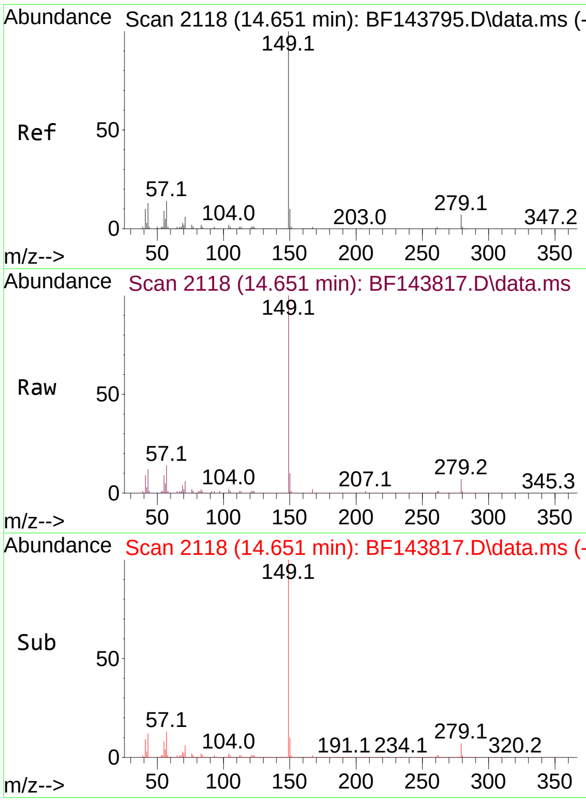
#84
Bis(2-ethylhexyl)phthalate
Concen: 46.451 ng
RT: 14.039 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF143817.D
Acq: 25 Sep 2025 21:50

Tgt Ion:149 Resp: 539945

Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.2	33.2
279	7.8	6.0	9.0



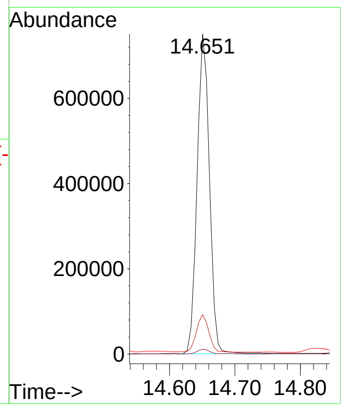
Instrument : BNA_F
ClientSampleId : EME-TS14-01MS

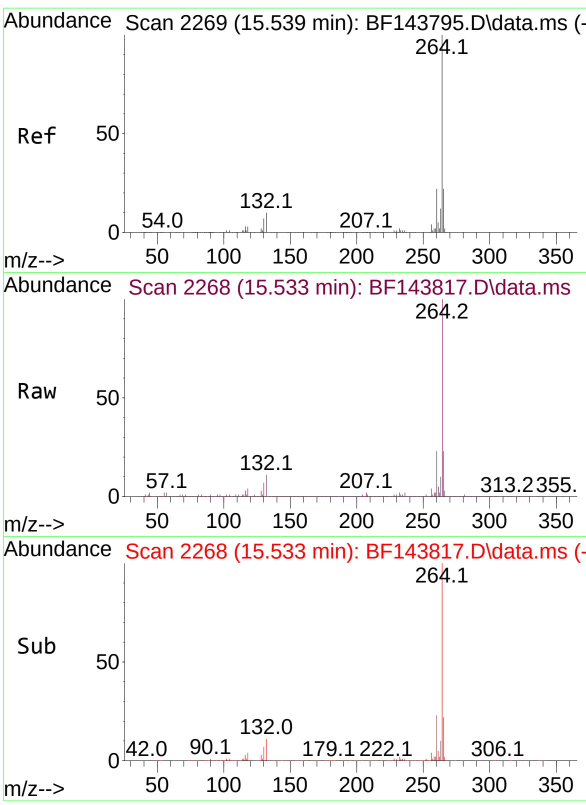


#85
Di-n-octyl phthalate
Concen: 46.324 ng
RT: 14.651 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143817.D
Acq: 25 Sep 2025 21:50

Tgt Ion:149 Resp: 976739

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	11.9	10.7	16.1

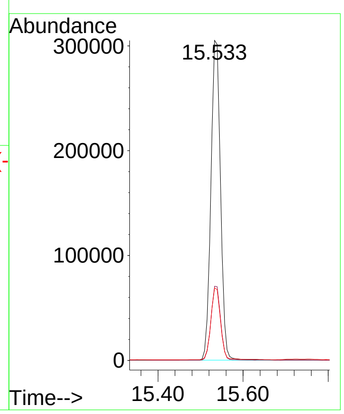




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF143817.D
Acq: 25 Sep 2025 21:50

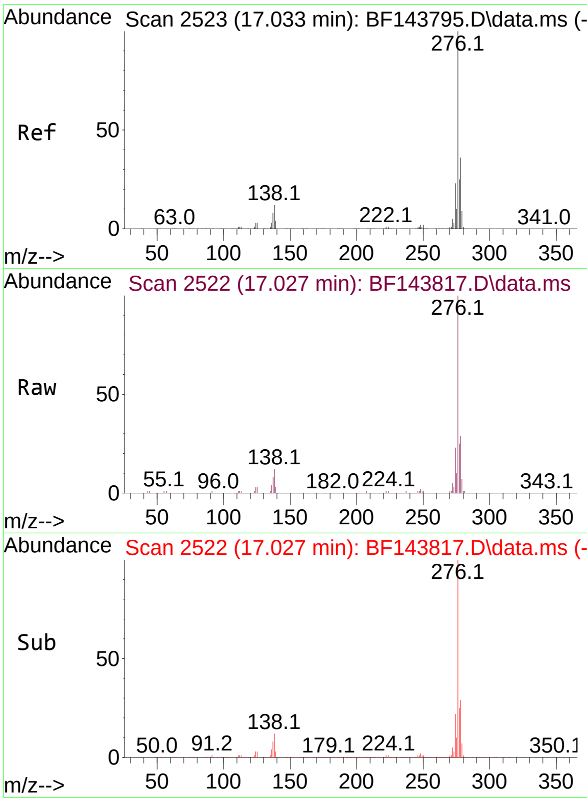
Tgt Ion:264 Resp: 479520

Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.9	26.9
265	22.6	17.7	26.5



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

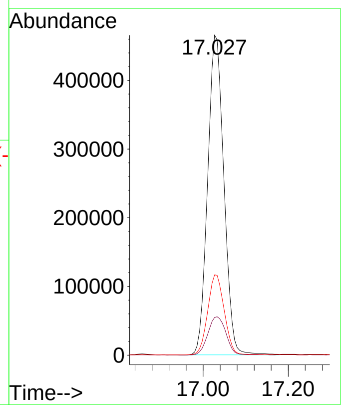
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MS

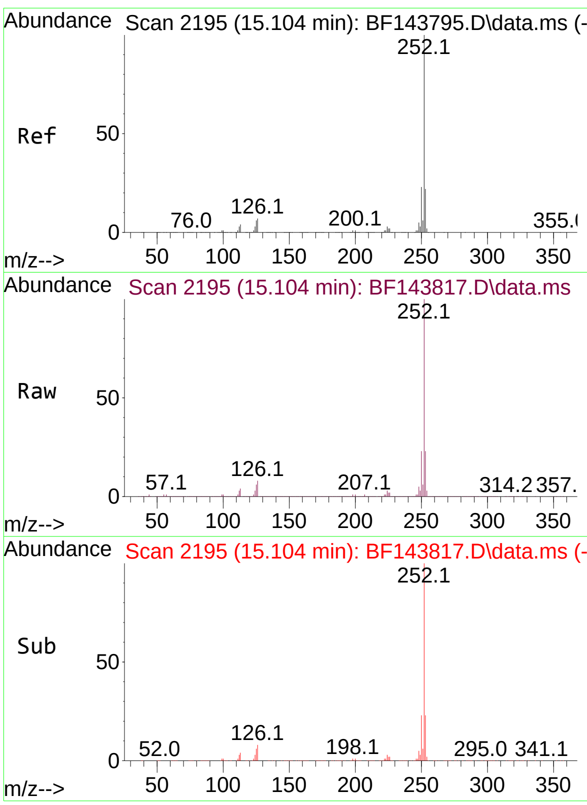


#87
Indeno(1,2,3-cd)pyrene
Concen: 33.937 ng
RT: 17.027 min Scan# 25
Delta R.T. -0.018 min
Lab File: BF143817.D
Acq: 25 Sep 2025 21:50

Tgt Ion:276 Resp: 1234729

Ion	Ratio	Lower	Upper
276	100		
138	13.2	10.6	15.8
277	25.7	20.7	31.1

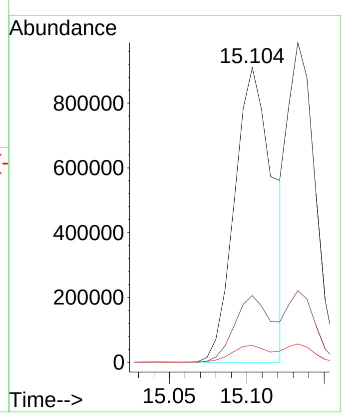




#88
Benzo(b)fluoranthene
Concen: 63.756 ng
RT: 15.104 min Scan# 2195
Delta R.T. -0.000 min
Lab File: BF143817.D
Acq: 25 Sep 2025 21:50

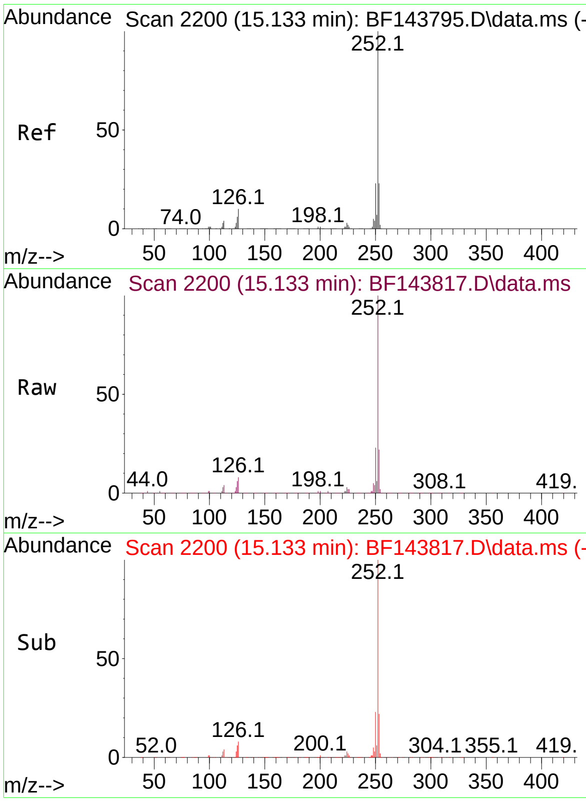
Tgt Ion:252 Resp: 1556899

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	5.8	4.4	6.6



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

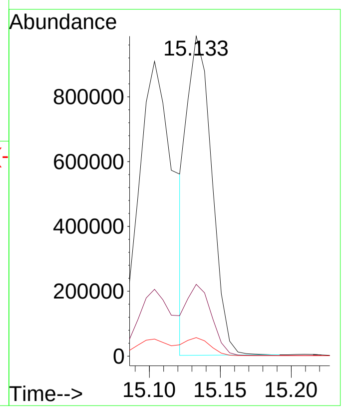
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MS

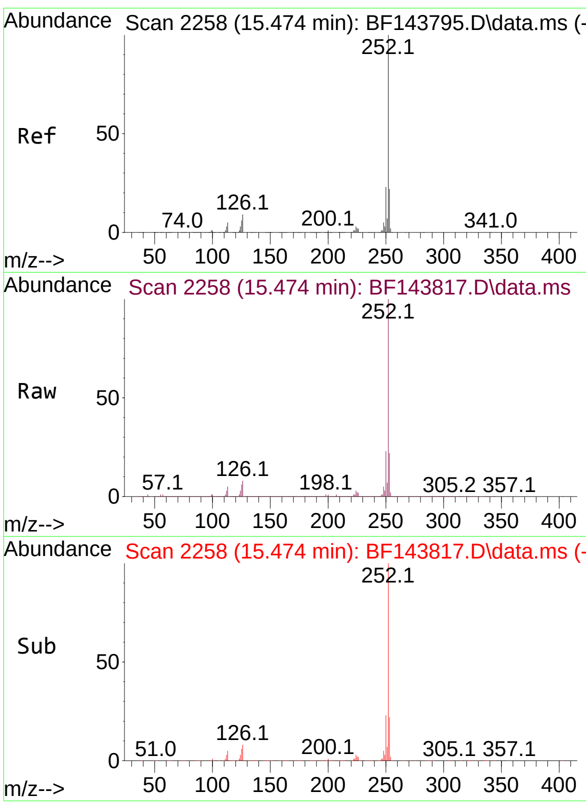


#89
Benzo(k)fluoranthene
Concen: 49.137 ng
RT: 15.133 min   Scan# 2
Delta R.T.   -0.006 min
Lab File: BF143817.D
Acq: 25 Sep 2025   21:50

Tgt Ion:252 Resp: 1205497

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	5.8	4.6	6.8

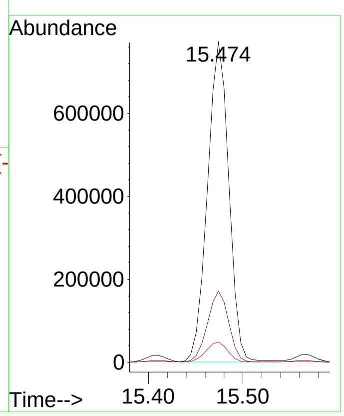




#90
Benzo(a)pyrene
Concen: 52.915 ng
RT: 15.474 min   Scan# 2258
Delta R.T.   -0.006 min
Lab File: BF143817.D
Acq: 25 Sep 2025   21:50

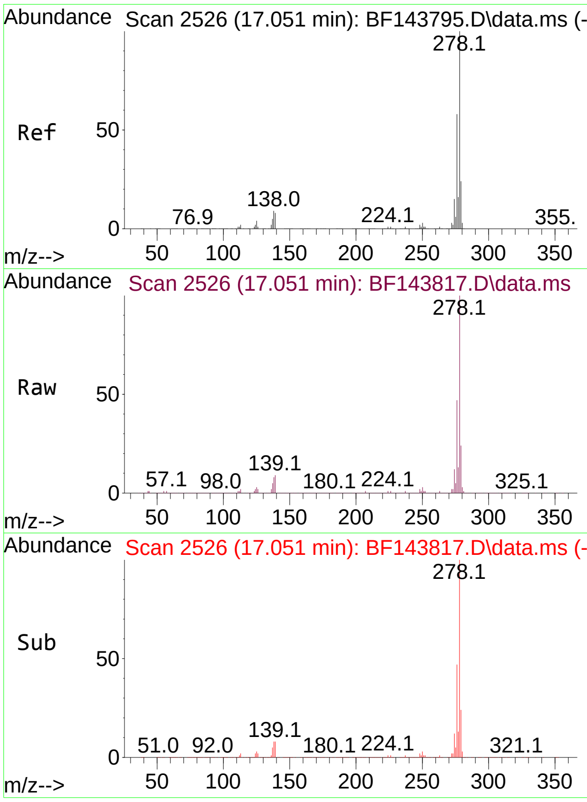
Tgt Ion:252 Resp: 1214603

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	6.4	5.0	7.4



Instrument : BNA_F
ClientSampleId : EME-TS14-01MS

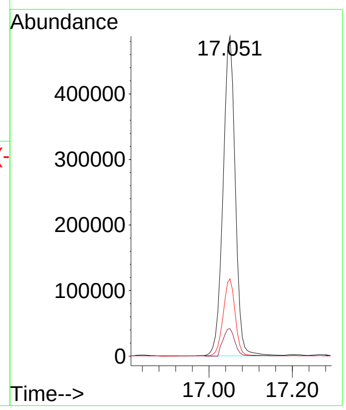
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

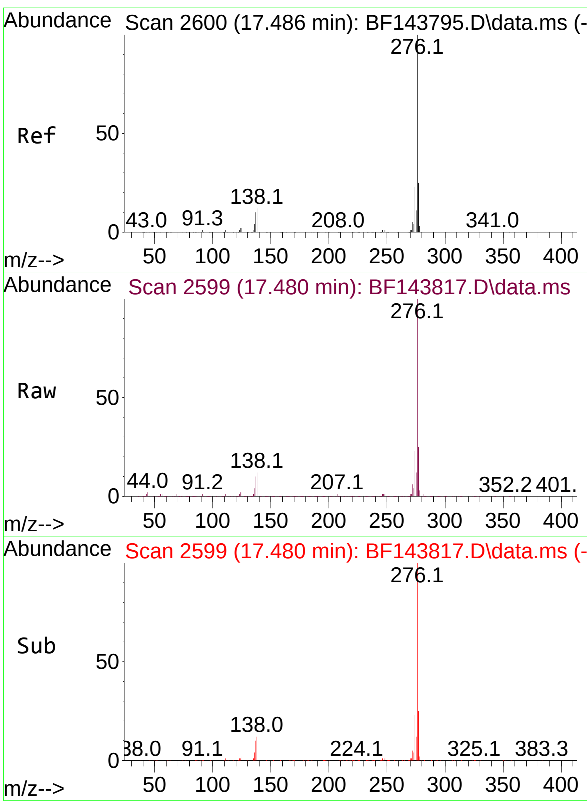


#91
Dibenzo(a,h)anthracene
Concen: 33.587 ng
RT: 17.051 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF143817.D
Acq: 25 Sep 2025 21:50

Tgt Ion:278 Resp: 999487

Ion	Ratio	Lower	Upper
278	100		
139	8.6	6.7	10.1
279	24.2	19.3	28.9

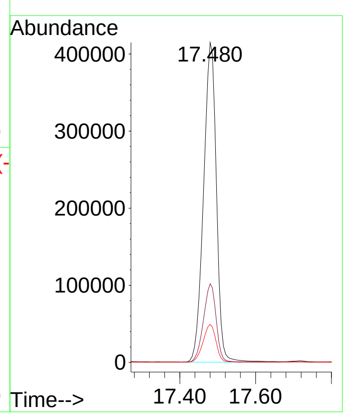




#92
Benzo(g,h,i)perylene
Concen: 33.924 ng
RT: 17.480 min Scan# 2599
Delta R.T. -0.024 min
Lab File: BF143817.D
Acq: 25 Sep 2025 21:50

Tgt Ion:276 Resp: 973139

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.6	29.4
138	11.9	9.2	13.8



Alliance TECHNICAL GROUP

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

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	09/23/25
Project:	RFP 916	Date Received:	09/23/25
Client Sample ID:	EME-TS14-01MSD	SDG No.:	Q3176
Lab Sample ID:	Q3178-03MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	71.4
Sample Wt/Vol:	30.05 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
BF143818.D	1	09/25/25 09:25	09/25/25 22:20	PB169827

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	1500		220	460	ug/Kg
108-95-2	Phenol	2400		30.9	240	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	2200		34.0	240	ug/Kg
95-57-8	2-Chlorophenol	2300		34.1	240	ug/Kg
95-48-7	2-Methylphenol	2300		41.8	240	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2100		52.4	240	ug/Kg
98-86-2	Acetophenone	2600		41.2	240	ug/Kg
65794-96-9	3+4-Methylphenols	2300		57.5	460	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	2300		66.3	110	ug/Kg
67-72-1	Hexachloroethane	2100		24.6	240	ug/Kg
98-95-3	Nitrobenzene	2400		25.6	240	ug/Kg
78-59-1	Isophorone	2400		45.9	240	ug/Kg
88-75-5	2-Nitrophenol	2600		81.4	240	ug/Kg
105-67-9	2,4-Dimethylphenol	2600		90.6	240	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	2300		43.1	240	ug/Kg
120-83-2	2,4-Dichlorophenol	2300		39.6	240	ug/Kg
91-20-3	Naphthalene	2200		31.7	240	ug/Kg
106-47-8	4-Chloroaniline	880		49.5	240	ug/Kg
87-68-3	Hexachlorobutadiene	2200		35.4	240	ug/Kg
105-60-2	Caprolactam	2900		72.8	460	ug/Kg
59-50-7	4-Chloro-3-methylphenol	2400		40.1	240	ug/Kg
91-57-6	2-Methylnaphthalene	2100		35.8	240	ug/Kg
77-47-4	Hexachlorocyclopentadiene	4000	E	160	460	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2500		27.7	240	ug/Kg
95-95-4	2,4,5-Trichlorophenol	2400		40.7	240	ug/Kg
92-52-4	1,1-Biphenyl	2500		30.5	240	ug/Kg
91-58-7	2-Chloronaphthalene	2200		31.5	240	ug/Kg
88-74-4	2-Nitroaniline	2900		67.3	240	ug/Kg
131-11-3	Dimethylphthalate	2500		37.9	240	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:	Weston Solutions, Inc.			Date Collected:	09/23/25
Project:	RFP 916			Date Received:	09/23/25
Client Sample ID:	EME-TS14-01MSD			SDG No.:	Q3176
Lab Sample ID:	Q3178-03MSD			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	71.4
Sample Wt/Vol:	30.05	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
BF143818.D	1	09/25/25 09:25	09/25/25 22:20	PB169827

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	2600		40.4	240	ug/Kg
606-20-2	2,6-Dinitrotoluene	3200		47.0	240	ug/Kg
99-09-2	3-Nitroaniline	1800		64.3	240	ug/Kg
83-32-9	Acenaphthene	2300		29.8	240	ug/Kg
51-28-5	2,4-Dinitrophenol	3100		320	460	ug/Kg
100-02-7	4-Nitrophenol	5400	E	150	460	ug/Kg
132-64-9	Dibenzofuran	2300		31.7	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	2700		70.1	240	ug/Kg
84-66-2	Diethylphthalate	2400		39.6	240	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	2300		37.3	240	ug/Kg
86-73-7	Fluorene	2300		35.4	240	ug/Kg
100-01-6	4-Nitroaniline	2500		89.8	240	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1900		140	460	ug/Kg
86-30-6	n-Nitrosodiphenylamine	2300		46.0	240	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2300		38.9	240	ug/Kg
118-74-1	Hexachlorobenzene	2300		35.4	240	ug/Kg
1912-24-9	Atrazine	2500		47.5	240	ug/Kg
87-86-5	Pentachlorophenol	5400	E	71.7	460	ug/Kg
85-01-8	Phenanthrene	2300		29.2	240	ug/Kg
120-12-7	Anthracene	2300		46.6	240	ug/Kg
86-74-8	Carbazole	2400		43.6	240	ug/Kg
84-74-2	Di-n-butylphthalate	2500		67.0	240	ug/Kg
206-44-0	Fluoranthene	2600		41.9	240	ug/Kg
129-00-0	Pyrene	2300		50.3	240	ug/Kg
85-68-7	Butylbenzylphthalate	2700		99.8	240	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1900		51.3	460	ug/Kg
56-55-3	Benzo(a)anthracene	2400		32.2	240	ug/Kg
218-01-9	Chrysene	2300		27.8	240	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2300		82.8	240	ug/Kg
117-84-0	Di-n-octyl phthalate	2300		120	460	ug/Kg
205-99-2	Benzo(b)fluoranthene	3200		26.6	240	ug/Kg

Alliance TECHNICAL GROUP

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

Report of Analysis

Client:	Weston Solutions, Inc.			Date Collected:	09/23/25	
Project:	RFP 916			Date Received:	09/23/25	
Client Sample ID:	EME-TS14-01MSD			SDG No.:	Q3176	
Lab Sample ID:	Q3178-03MSD			Matrix:	SOIL	
Analytical Method:	8270E			% Solid:	71.4	
Sample Wt/Vol:	30.05	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
BF143818.D	1	09/25/25 09:25	09/25/25 22:20	PB169827

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	2400		31.3	240	ug/Kg
50-32-8	Benzo(a)pyrene	2600		41.2	240	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1700		40.7	240	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1700		38.3	240	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1700		35.9	240	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	2500		35.8	240	ug/Kg
123-91-1	1,4-Dioxane	2100		63.2	240	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2800		38.3	240	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	88.1		18 - 112	59%	SPK: 150
13127-88-3	Phenol-d6	92.7		15 - 107	62%	SPK: 150
4165-60-0	Nitrobenzene-d5	65.6		18 - 107	66%	SPK: 100
321-60-8	2-Fluorobiphenyl	51.9		20 - 109	52%	SPK: 100
118-79-6	2,4,6-Tribromophenol	80.5		10 - 116	54%	SPK: 150
1718-51-0	Terphenyl-d14	53.1		10 - 105	53%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	126000	6.887			
1146-65-2	Naphthalene-d8	459000	8.169			
15067-26-2	Acenaphthene-d10	224000	9.928			
1517-22-2	Phenanthrene-d10	356000	11.416			
1719-03-5	Chrysene-d12	436000	14.063			
1520-96-3	Perylene-d12	435000	15.533			

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\BF092525\
Data File : BF143818.D
Acq On : 25 Sep 2025 22:20
Operator : RC/JU
Sample : Q3178-03MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD

Quant Time: Sep 25 23:26:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 05:00:00 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	6.887	152	126353	20.000 ng	0.00
21) Naphthalene-d8	8.169	136	459229	20.000 ng	0.00
39) Acenaphthene-d10	9.928	164	224210	20.000 ng	0.00
64) Phenanthrene-d10	11.416	188	355718	20.000 ng	0.00
76) Chrysene-d12	14.063	240	435935	20.000 ng	0.00
86) Perylene-d12	15.533	264	434629	20.000 ng	0.00
System Monitoring Compounds					
5) 2-Fluorophenol	5.499	112	685500	88.144 ng	0.00
7) Phenol-d6	6.504	99	833354	92.741 ng	0.00
23) Nitrobenzene-d5	7.445	82	492420	65.636 ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	267172	80.479 ng	0.00
45) 2-Fluorobiphenyl	9.245	172	745279	51.871 ng	0.00
79) Terphenyl-d14	12.998	244	1139227	53.148 ng	0.00
Target Compounds					Qvalue
2) 1,4-Dioxane	2.705	88	170432	45.786 ng	99
3) Pyridine	3.463	79	462364	46.016 ng	95
4) n-Nitrosodimethylamine	3.410	42	255853	50.782 ng	92
6) Aniline	6.546	93	368587	28.262 ng	100
8) 2-Chlorophenol	6.669	128	387841	48.714 ng	99
9) Benzaldehyde	6.434	77	252391	32.074 ng	97
10) Phenol	6.522	94	527651	50.519 ng	99
11) bis(2-Chloroethyl)ether	6.616	93	393866	48.107 ng	99
12) 1,3-Dichlorobenzene	6.828	146	438833	47.473 ng	99
13) 1,4-Dichlorobenzene	6.904	146	442997	48.021 ng	99
14) 1,2-Dichlorobenzene	7.057	146	424914	48.633 ng	100
15) Benzyl Alcohol	7.022	79	355202	54.707 ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	873470	44.991 ng	98
17) 2-Methylphenol	7.134	107	309721	50.248 ng	99
18) Hexachloroethane	7.398	117	149269	46.010 ng	97
19) n-Nitroso-di-n-propyla...	7.293	70	281772	48.763 ng	97
20) 3+4-Methylphenols	7.287	107	378153	50.378 ng	# 76
22) Acetophenone	7.293	105	557233	55.246 ng	100
24) Nitrobenzene	7.463	77	434021	52.193 ng	98
25) Isophorone	7.704	82	762138	52.131 ng	100
26) 2-Nitrophenol	7.781	139	194055	56.341 ng	97
27) 2,4-Dimethylphenol	7.816	122	369228	56.505 ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	462198	48.661 ng	99
29) 2,4-Dichlorophenol	8.022	162	320002	49.770 ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	340385	51.013 ng	99
31) Naphthalene	8.192	128	1051563	47.833 ng	100
32) Benzoic acid	7.916	122	230335	73.059 ng	95
33) 4-Chloroaniline	8.234	127	145520	18.836 ng	99
34) Hexachlorobutadiene	8.310	225	237191	47.684 ng	99
35) Caprolactam	8.598	113	102749	62.522 ng	93
36) 4-Chloro-3-methylphenol	8.710	107	313113	51.924 ng	98
37) 2-Methylnaphthalene	8.881	142	621572	44.341 ng	100
38) 1-Methylnaphthalene	8.981	142	632349	47.129 ng	98
40) 1,2,4,5-Tetrachloroben...	9.045	216	356539	52.694 ng	100
41) Hexachlorocyclopentadiene	9.034	237	367206	85.631 ng	100
43) 2,4,6-Trichlorophenol	9.157	196	226360	53.427 ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
Data File : BF143818.D
Acq On : 25 Sep 2025 22:20
Operator : RC/JU
Sample : Q3178-03MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD

Quant Time: Sep 25 23:26:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 05:00:00 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	224962	50.763 ng		99
46) 1,1'-Biphenyl	9.345	154	873337	53.810 ng		99
47) 2-Chloronaphthalene	9.369	162	627741	48.050 ng		99
48) 2-Nitroaniline	9.463	65	244411	61.899 ng		99
49) Acenaphthylene	9.787	152	1003047	55.772 ng		100
50) Dimethylphthalate	9.645	163	727859	53.262 ng		100
51) 2,6-Dinitrotoluene	9.704	165	152551	67.944 ng		97
52) Acenaphthene	9.957	154	574079	48.506 ng		100
53) 3-Nitroaniline	9.869	138	107230	39.401 ng		99
54) 2,4-Dinitrophenol	9.975	184	58390	67.109 ng	#	76
55) Dibenzofuran	10.134	168	814738	48.682 ng		99
56) 4-Nitrophenol	10.028	139	252644	115.199 ng		91
57) 2,4-Dinitrotoluene	10.110	165	198890	58.969 ng		95
58) Fluorene	10.475	166	609725	49.006 ng		99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	224793	59.212 ng		97
60) Diethylphthalate	10.345	149	663203	51.844 ng		99
61) 4-Chlorophenyl-phenyle...	10.469	204	309245	48.780 ng		96
62) 4-Nitroaniline	10.486	138	135264	52.859 ng		98
63) Azobenzene	10.628	77	686022	50.885 ng		97
65) 4,6-Dinitro-2-methylph...	10.510	198	49470	40.135 ng		95
66) n-Nitrosodiphenylamine	10.581	169	580810	49.648 ng		100
67) 4-Bromophenyl-phenylether	10.957	248	297735	49.115 ng		97
68) Hexachlorobenzene	11.022	284	408424	48.889 ng		99
69) Atrazine	11.110	200	182138	53.765 ng		99
70) Pentachlorophenol	11.216	266	477417	114.806 ng		100
71) Phenanthrene	11.439	178	901235	49.349 ng		100
72) Anthracene	11.492	178	918987	50.167 ng		99
73) Carbazole	11.645	167	832102	51.953 ng		100
74) Di-n-butylphthalate	11.975	149	972765	52.810 ng		100
75) Fluoranthene	12.628	202	1038840	56.557 ng		99
77) Benzidine	12.751	184	423409	39.859 ng		100
78) Pyrene	12.857	202	1076385	50.222 ng		99
80) Butylbenzylphthalate	13.475	149	431860	58.241 ng		98
81) Benzo(a)anthracene	14.051	228	1197901	51.150 ng		99
82) 3,3'-Dichlorobenzidine	14.010	252	415267	40.930 ng		99
83) Chrysene	14.086	228	1056176	49.840 ng		99
84) Bis(2-ethylhexyl)phtha...	14.039	149	541890	49.858 ng		100
85) Di-n-octyl phthalate	14.651	149	957368	48.560 ng		97
87) Indeno(1,2,3-cd)pyrene	17.033	276	1231964	37.358 ng		99
88) Benzo(b)fluoranthene	15.104	252	1498147	67.687 ng		99
89) Benzo(k)fluoranthene	15.133	252	1149445	51.691 ng		100
90) Benzo(a)pyrene	15.474	252	1167187	56.101 ng		99
91) Dibenzo(a,h)anthracene	17.051	278	1002210	37.157 ng		99
92) Benzo(g,h,i)perylene	17.486	276	972031	37.385 ng		99

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

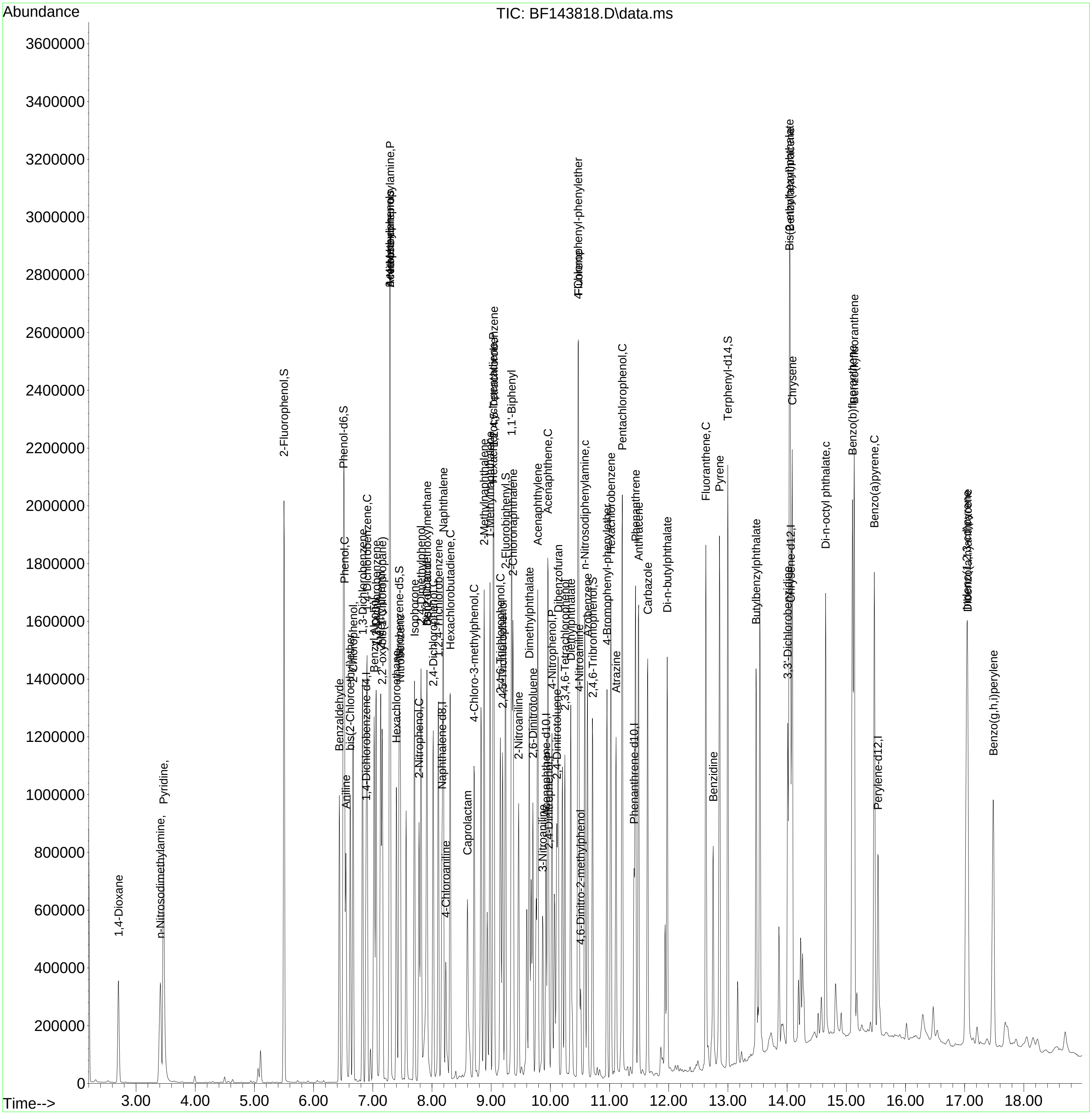
Quantitation Report (QT Reviewed)

Sample Results: **BF143818.D**

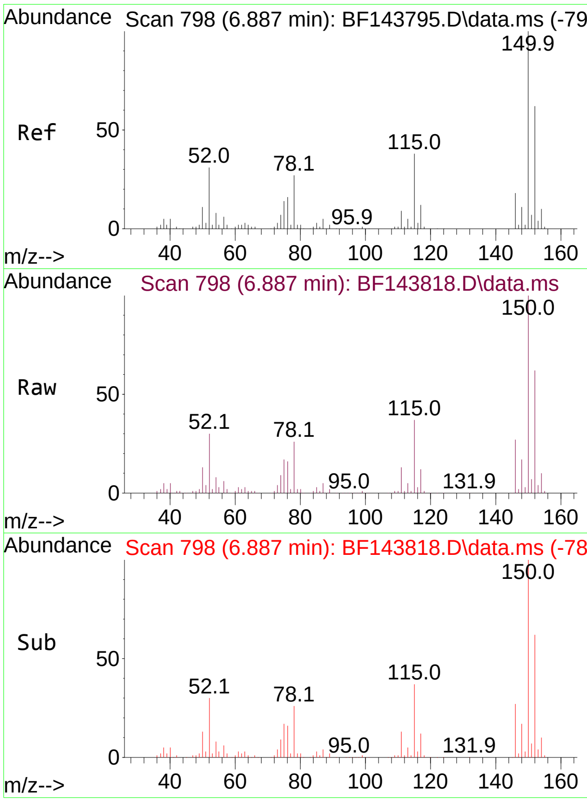
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
Data File : BF143818.D
Acq On : 25 Sep 2025 22:20
Operator : RC/JU
Sample : Q3178-03MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD

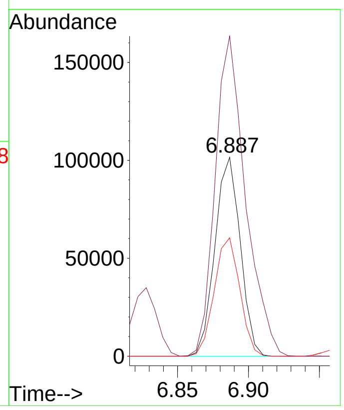
Quant Time: Sep 25 23:26:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 05:00:00 2025
Response via : Initial Calibration

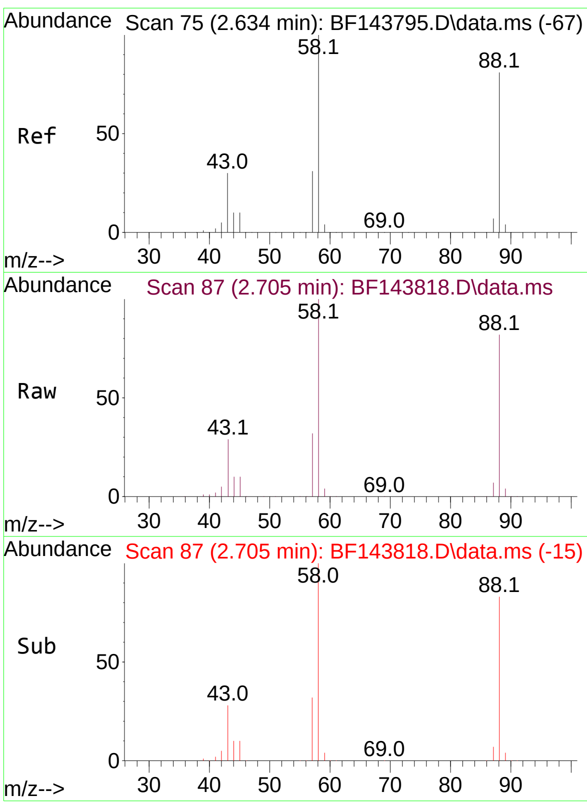


Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD

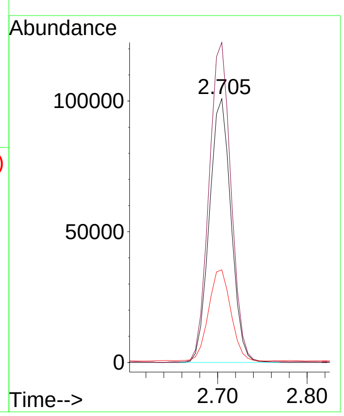



```
#1
1,4-Dichlorobenzene-d4
Concen:   20.000 ng
RT:   6.887 min   Scan# 79
Delta R.T.   -0.000 min
Lab File:    BF143818.D
Acq: 25 Sep 2025   22:20

Tgt Ion:152 Resp:   126353
Ion   Ratio   Lower   Upper
152   100
150   160.9   129.6   194.4
115    59.5    49.0    73.4
```






```
#2
1,4-Dioxane
Concen:   45.786 ng
RT:   2.705 min   Scan# 87
Delta R.T.   0.071 min
Lab File:    BF143818.D
Acq: 25 Sep 2025   22:20

Tgt Ion: 88 Resp:   170432
Ion   Ratio   Lower   Upper
 88   100
 58   123.6    99.4   149.2
 43    35.6    30.6    45.8
```



1
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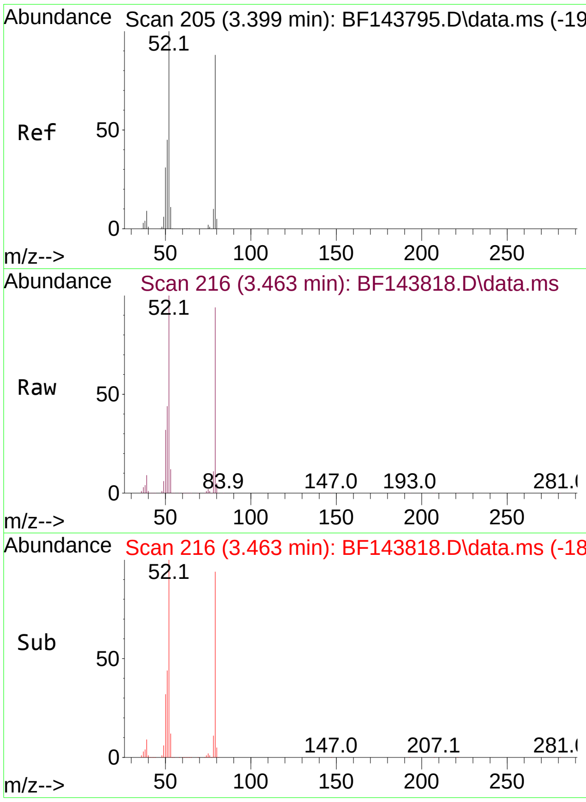
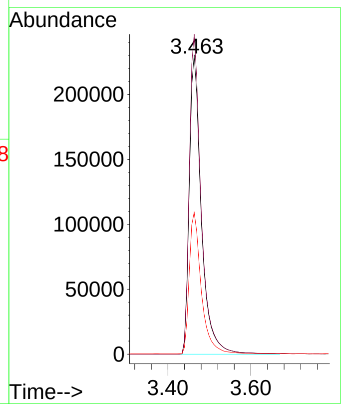
18

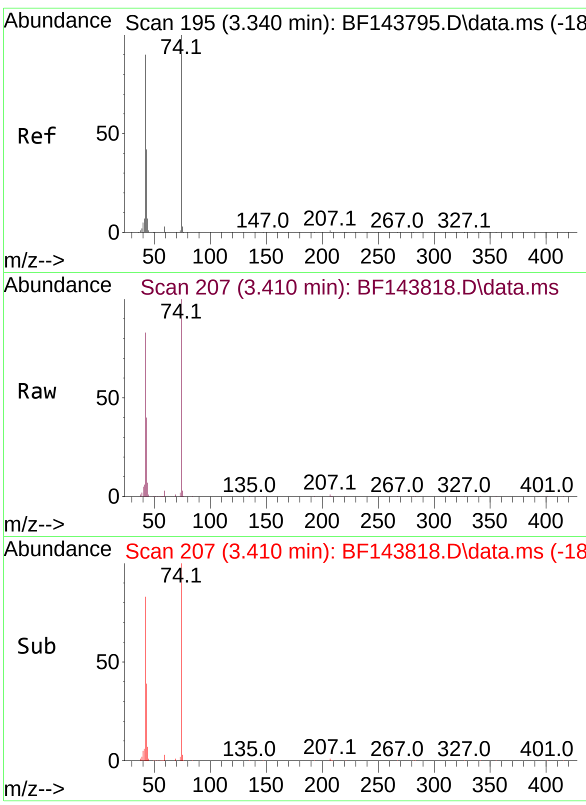
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

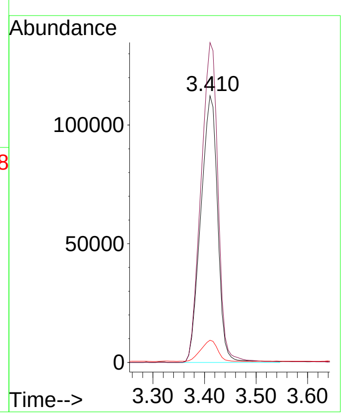



```
#3
Pyridine
Concen:   46.016 ng
RT:   3.463 min   Scan# 21
Delta R.T.  0.065 min
Lab File:   BF143818.D
Acq: 25 Sep 2025   22:20

Tgt Ion: 79 Resp:   462364
Ion  Ratio  Lower  Upper
 79  100
 52  106.9   90.5  135.7
 51   47.4   40.6   61.0
```

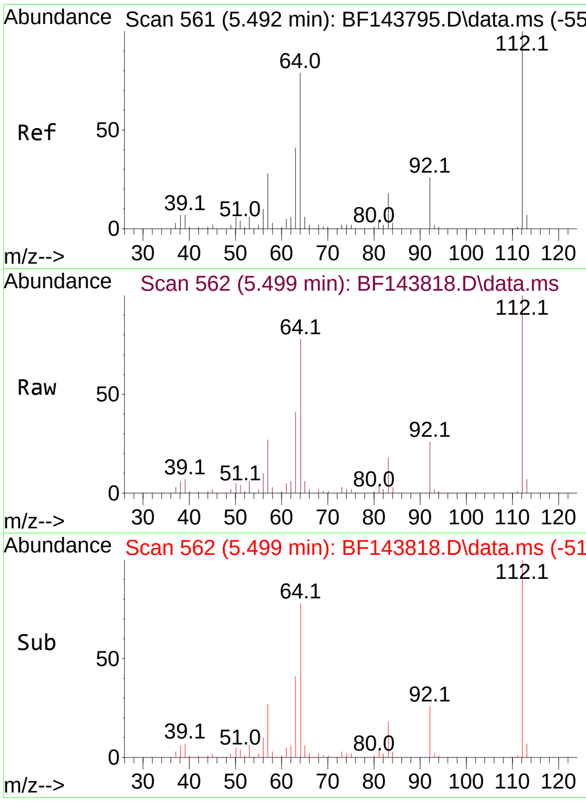





```
#4
n-Nitrosodimethylamine
Concen:   50.782 ng
RT:   3.410 min   Scan# 207
Delta R.T.  0.053 min
Lab File:   BF143818.D
Acq: 25 Sep 2025   22:20

Tgt Ion: 42 Resp:   255853
Ion  Ratio  Lower  Upper
 42  100
 74  120.0   89.1  133.7
 44    8.3    6.4    9.6
```



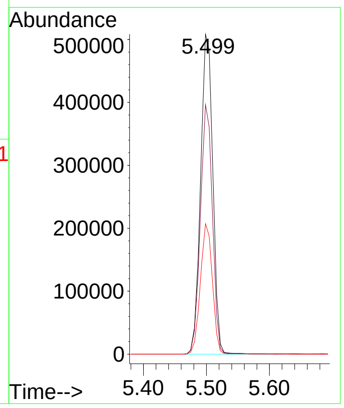
Instrument : BNA_F
ClientSampleId : EME-TS14-01MSD

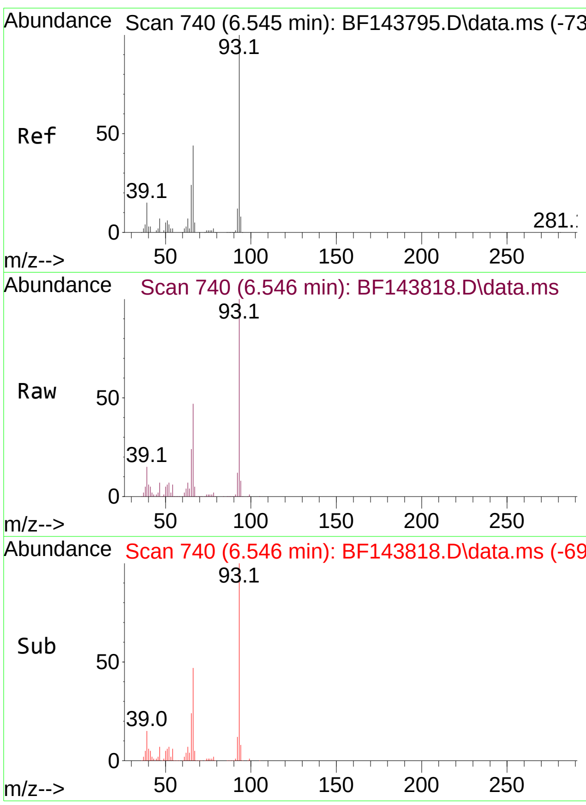


#5
2-Fluorophenol
Concen: 88.144 ng
RT: 5.499 min Scan# 56
Delta R.T. 0.001 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion:112 Resp: 685500

Ion	Ratio	Lower	Upper
112	100		
64	77.9	63.0	94.4
63	40.7	32.6	49.0

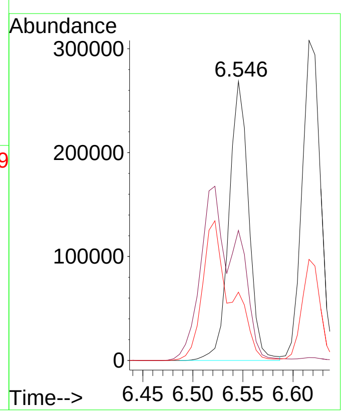




#6
Aniline
Concen: 28.262 ng
RT: 6.546 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

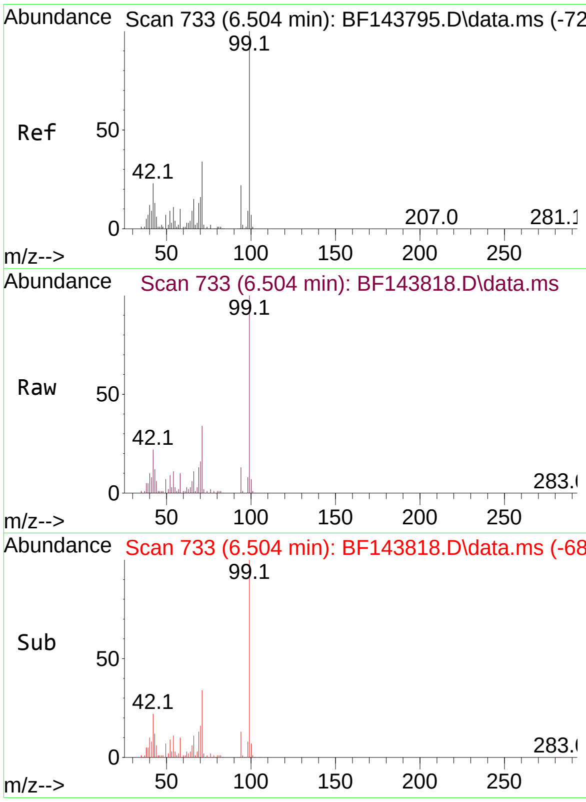
Tgt Ion: 93 Resp: 368587

Ion	Ratio	Lower	Upper
93	100		
66	46.6	37.1	55.7
65	24.4	19.4	29.0



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

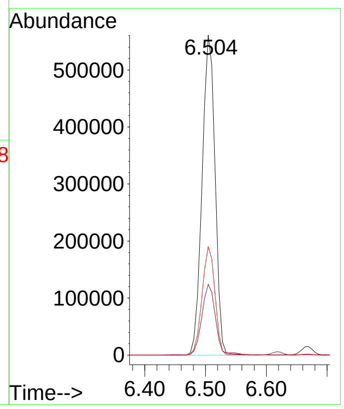
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD

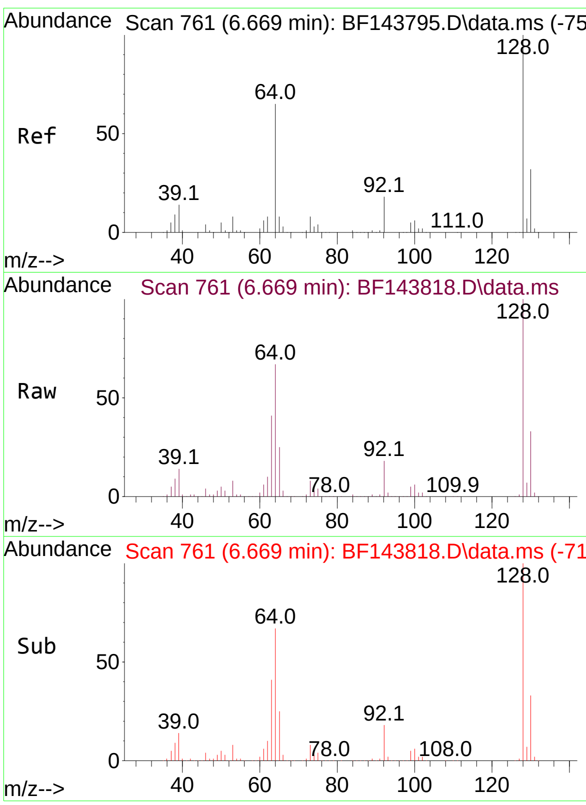


#7
Phenol-d6
Concen: 92.741 ng
RT: 6.504 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion: 99 Resp: 833354

Ion	Ratio	Lower	Upper
99	100		
42	22.2	18.6	28.0
71	33.8	27.0	40.4

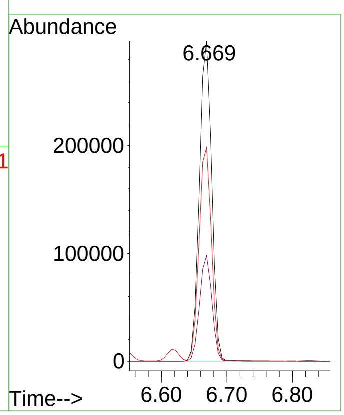




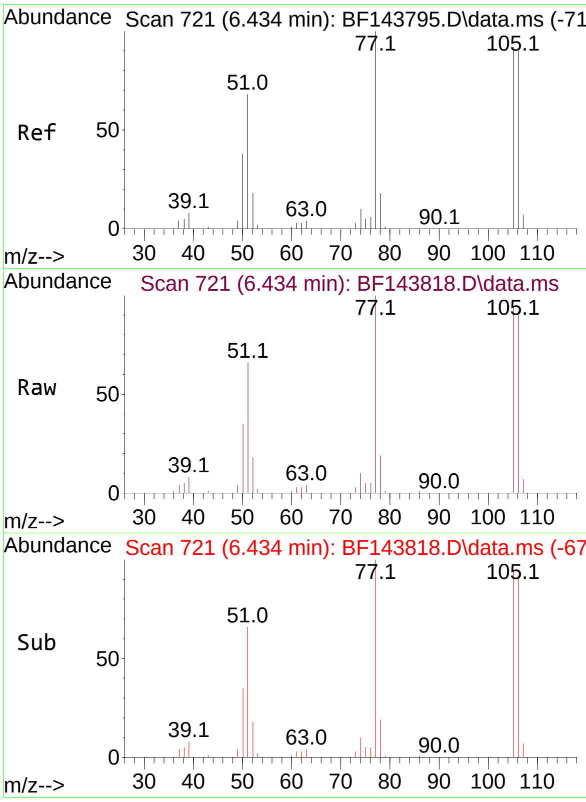
#8
2-Chlorophenol
Concen: 48.714 ng
RT: 6.669 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion:128 Resp: 387841

Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.2	52.2
64	66.8	46.5	86.5



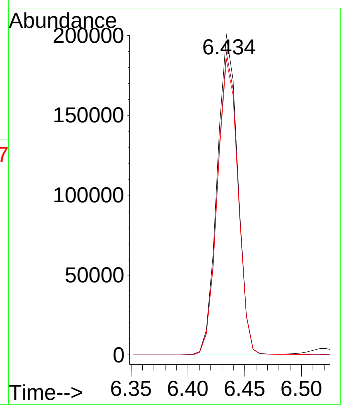
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD

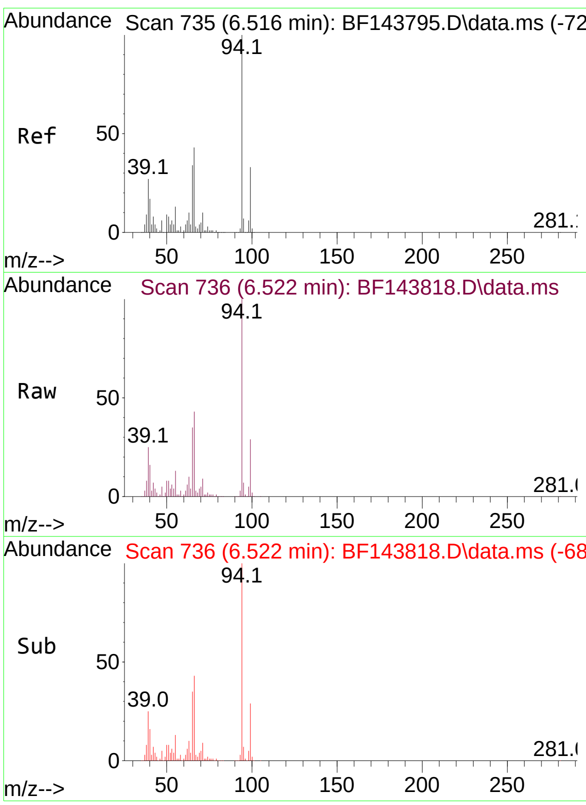


#9
Benzaldehyde
Concen: 32.074 ng
RT: 6.434 min   Scan# 7
Delta R.T.   -0.006 min
Lab File: BF143818.D
Acq: 25 Sep 2025   22:20

Tgt Ion: 77 Resp: 252391

Ion	Ratio	Lower	Upper
77	100		
105	94.5	71.8	111.8
106	92.3	69.8	109.8

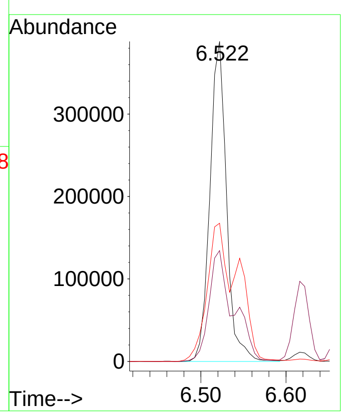




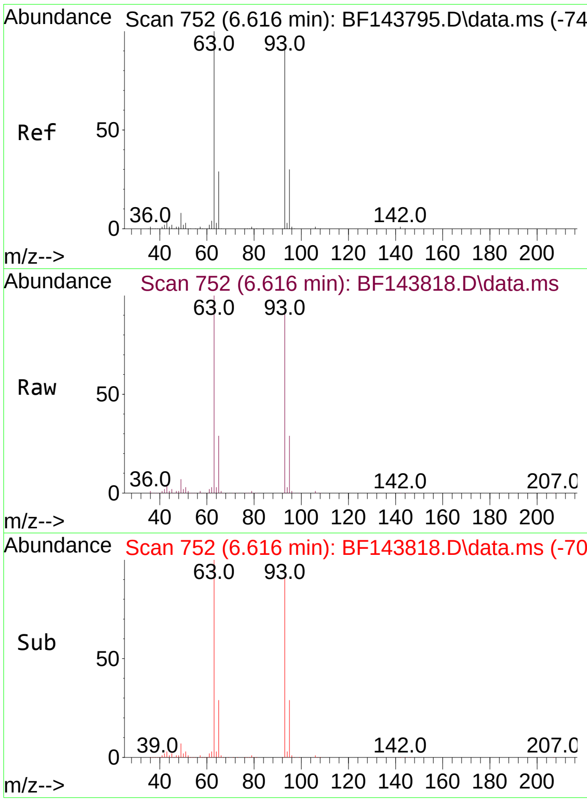
#10
Phenol
Concen: 50.519 ng
RT: 6.522 min   Scan# 736
Delta R.T.   -0.006 min
Lab File: BF143818.D
Acq: 25 Sep 2025   22:20

Tgt Ion: 94 Resp: 527651

Ion	Ratio	Lower	Upper
94	100		
65	34.6	14.2	54.2
66	43.2	24.1	64.1



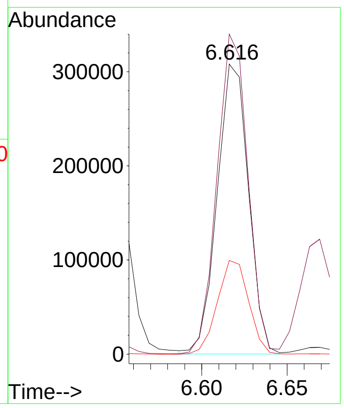
Instrument : BNA_F
ClientSampleId : EME-TS14-01MSD

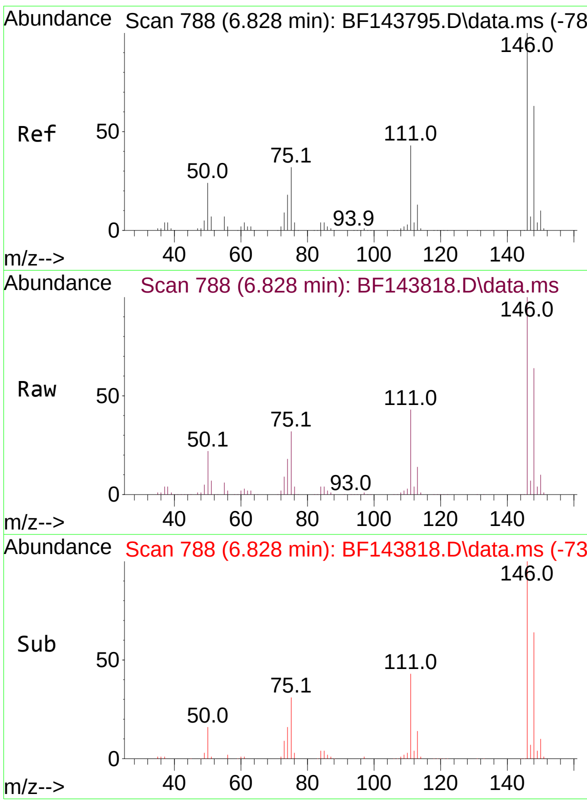


#11
bis(2-Chloroethyl)ether
Concen: 48.107 ng
RT: 6.616 min Scan# 75
Delta R.T. -0.006 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion: 93 Resp: 393866

Ion	Ratio	Lower	Upper
93	100		
63	110.4	89.2	129.2
95	32.3	12.9	52.9

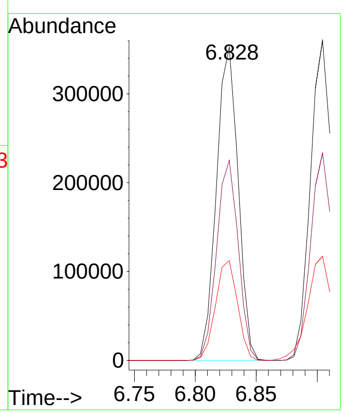




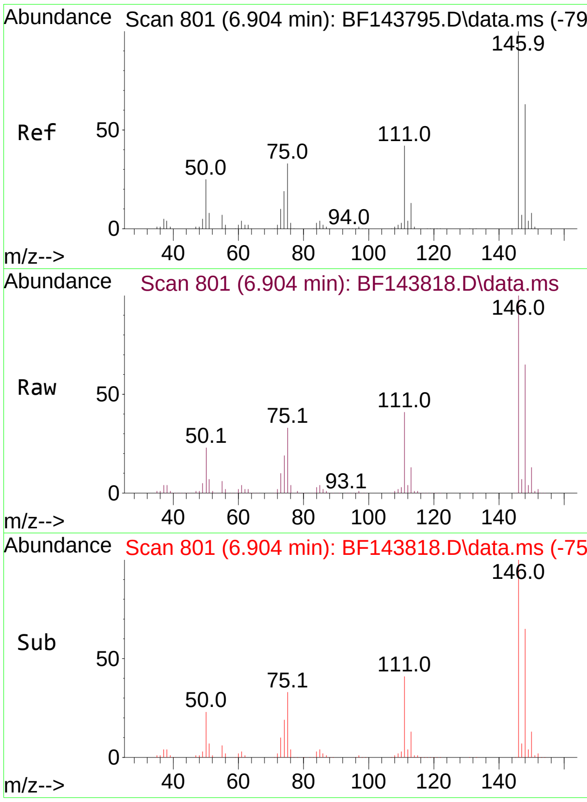
#12
1,3-Dichlorobenzene
Concen: 47.473 ng
RT: 6.828 min Scan# 788
Delta R.T. 0.000 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion:146 Resp: 438833

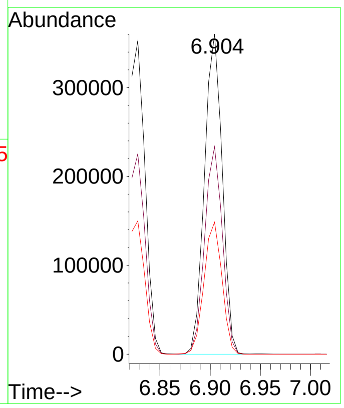
Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.4	75.6
75	31.8	25.6	38.4

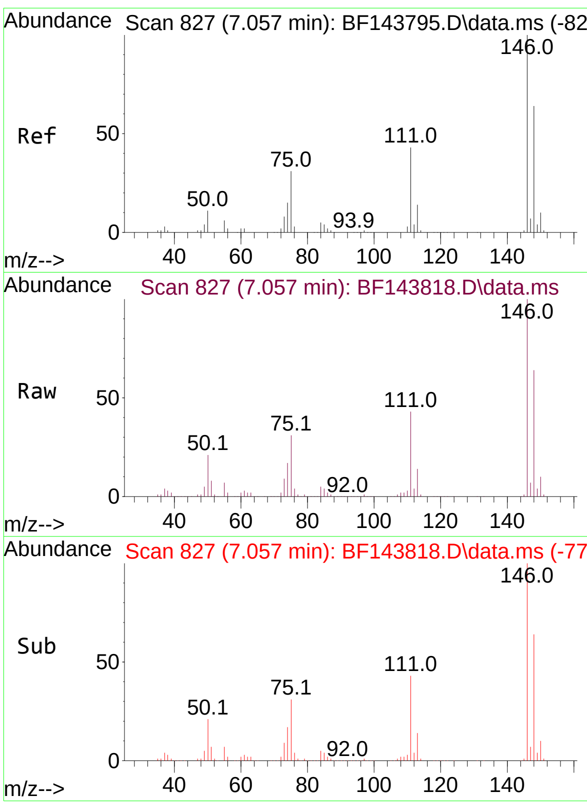


Instrument : BNA_F
ClientSampleId : EME-TS14-01MSD

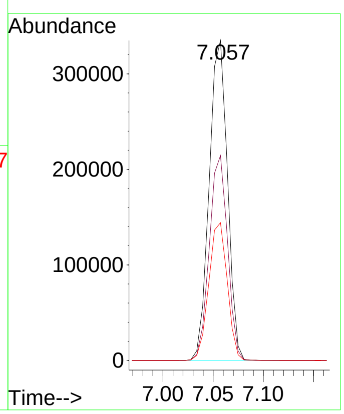



```
#13
1,4-Dichlorobenzene
Concen:   48.021 ng
RT:   6.904 min  Scan# 801
Delta R.T.  0.000 min
Lab File:   BF143818.D
Acq: 25 Sep 2025  22:20

Tgt Ion:146 Resp:  442997
Ion  Ratio  Lower  Upper
146  100
148   64.8   50.7   76.1
111   41.2   33.4   50.2
```





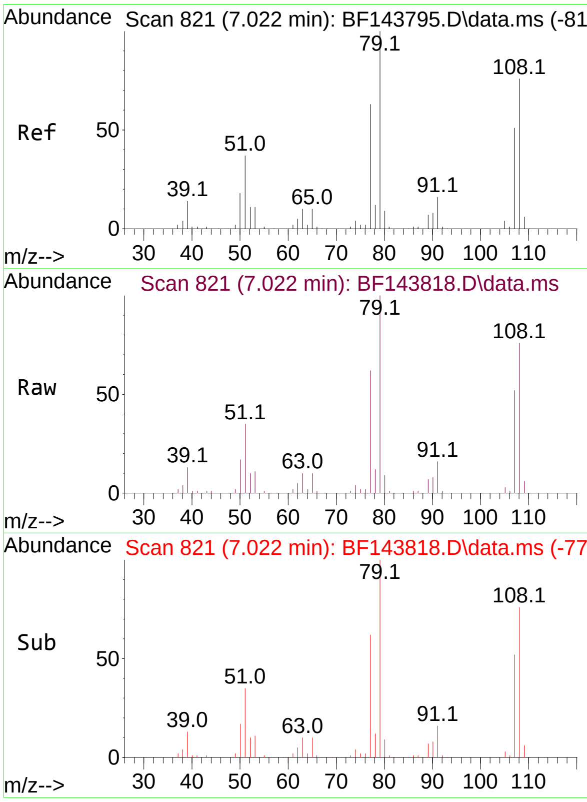

```
#14
1,2-Dichlorobenzene
Concen:   48.633 ng
RT:   7.057 min  Scan# 827
Delta R.T.  0.000 min
Lab File:   BF143818.D
Acq: 25 Sep 2025  22:20

Tgt Ion:146 Resp:  424914
Ion  Ratio  Lower  Upper
146  100
148   64.0   51.1   76.7
111   43.0   34.3   51.5
```



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD

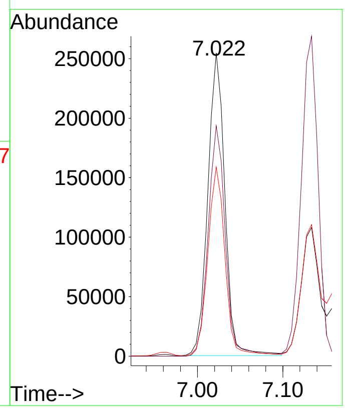
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

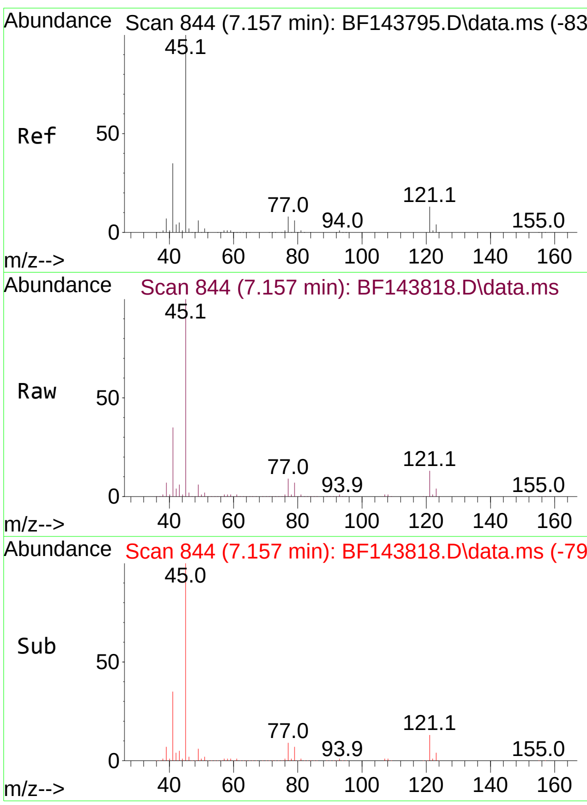


#15
Benzyl Alcohol
Concen: 54.707 ng
RT: 7.022 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion: 79 Resp: 355202

Ion	Ratio	Lower	Upper
79	100		
108	76.0	60.5	90.7
77	62.3	50.3	75.5

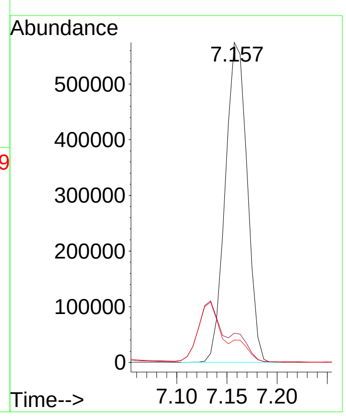




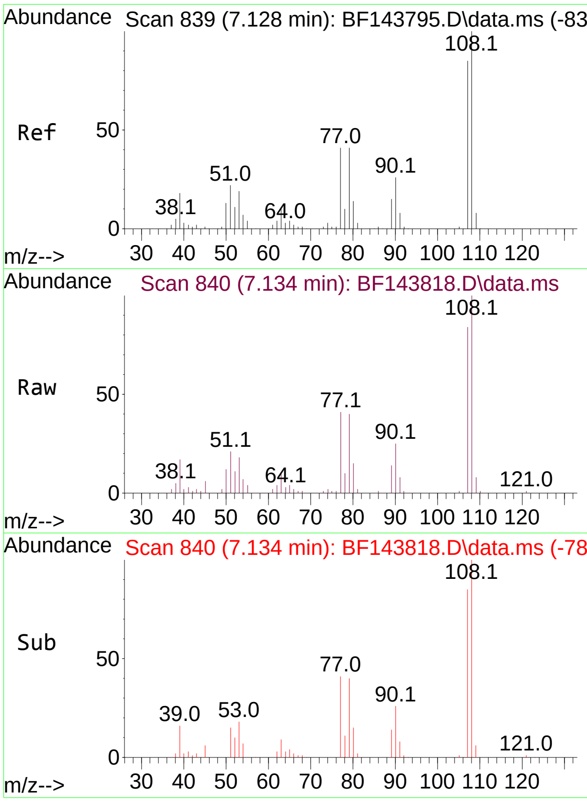
#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.991 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion: 45 Resp: 873470

Ion	Ratio	Lower	Upper
45	100		
77	9.1	0.0	28.5
79	7.0	0.0	26.3



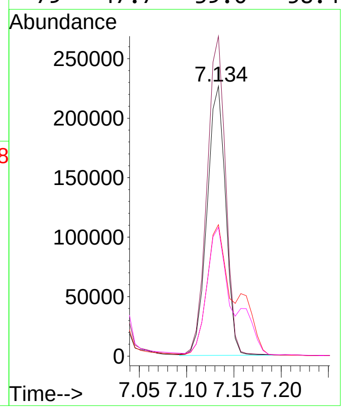
Instrument : BNA_F
ClientSampleId : EME-TS14-01MSD

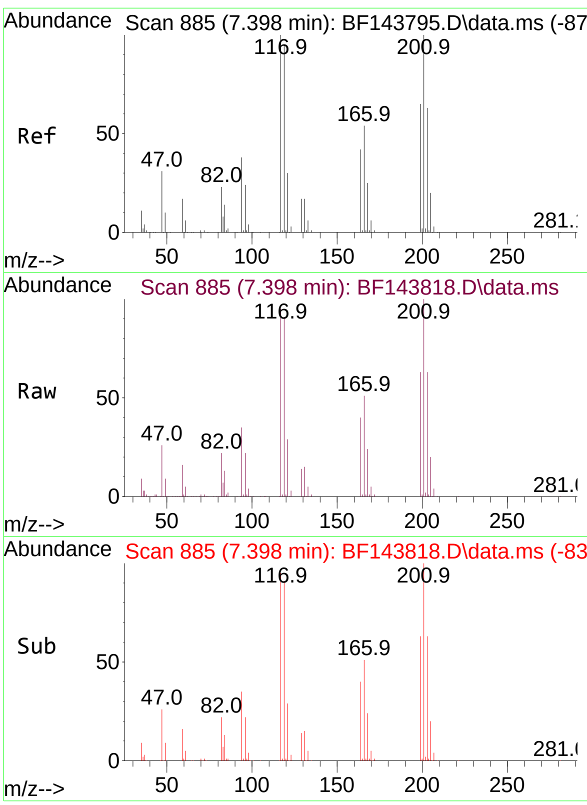


#17
2-Methylphenol
Concen: 50.248 ng
RT: 7.134 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion:107 Resp: 309721

Ion	Ratio	Lower	Upper
107	100		
108	118.5	94.2	141.4
77	48.7	38.6	58.0
79	47.7	39.0	58.4

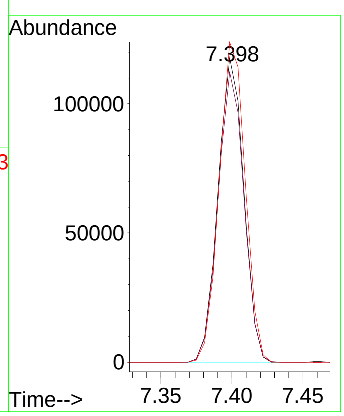




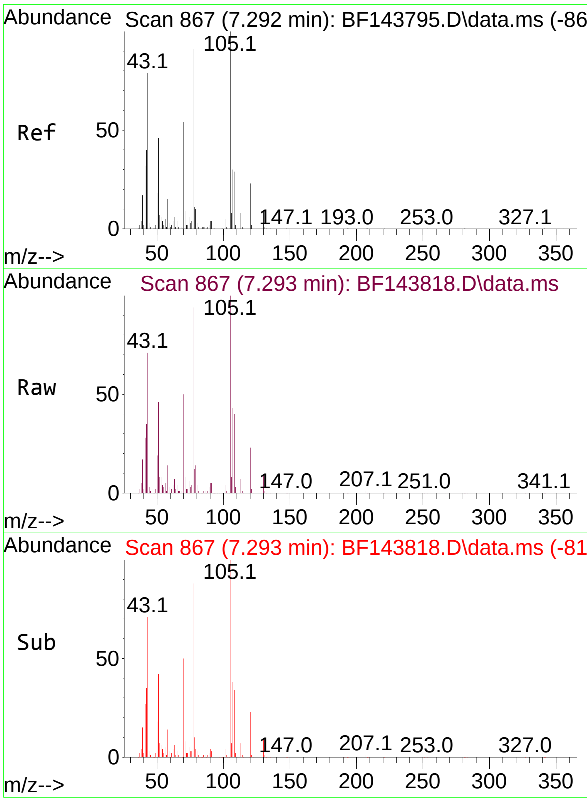
#18
Hexachloroethane
Concen: 46.010 ng
RT: 7.398 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion:117 Resp: 149269

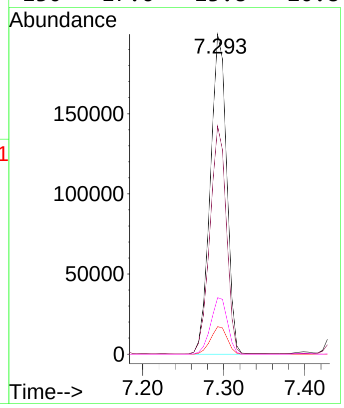
Ion	Ratio	Lower	Upper
117	100		
119	95.3	76.2	114.2
201	105.1	79.7	119.5

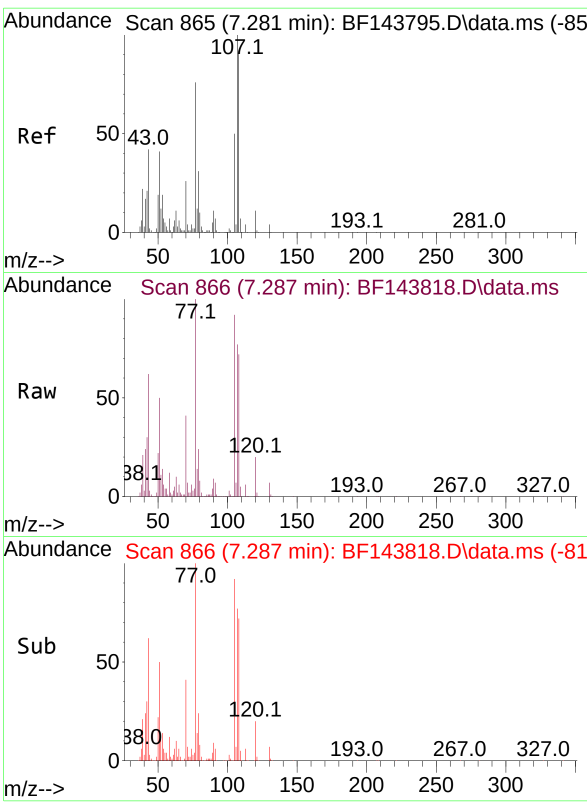


Instrument :	BNA_F
ClientSampleId :	EME-TS14-01MSD

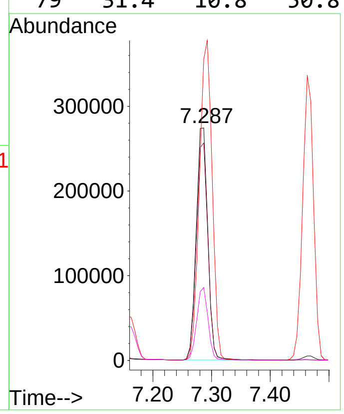



```
#19
n-Nitroso-di-n-propylamine
Concen:    48.763 ng
RT:    7.293 min   Scan# 8
Delta R.T.   -0.012 min
Lab File:    BF143818.D
Acq: 25 Sep 2025   22:20

Tgt Ion: 70 Resp:   281772
Ion   Ratio   Lower   Upper
 70   100
 42    71.3    59.4    89.0
101     8.6     7.1    10.7
130    17.6    13.8    20.8
```

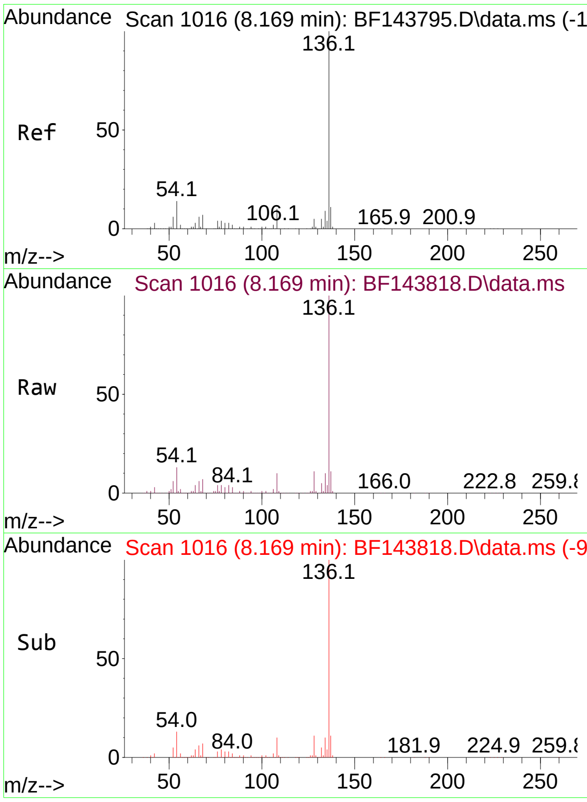





```
#20
3+4-Methylphenols
Concen:    50.378 ng
RT:    7.287 min   Scan# 866
Delta R.T.   0.000 min
Lab File:    BF143818.D
Acq: 25 Sep 2025   22:20

Tgt Ion:107 Resp:   378153
Ion   Ratio   Lower   Upper
107   100
108    93.6    72.5   112.5
 77   129.6    56.2    96.2#
 79    31.4    10.8    50.8
```



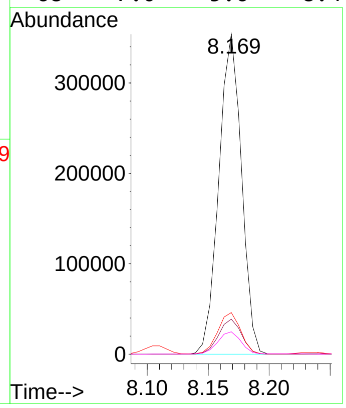
Instrument :	BNA_F
ClientSampleId :	EME-TS14-01MSD

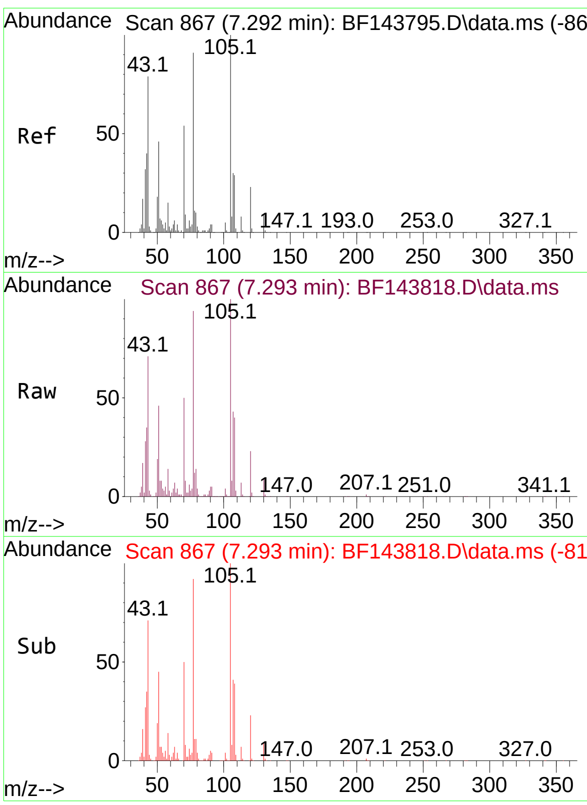


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion:136 Resp: 459229

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	13.0	11.2	16.8
68	7.0	5.6	8.4

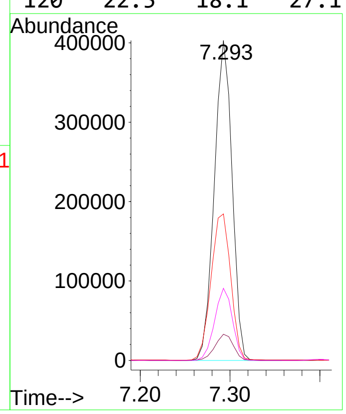




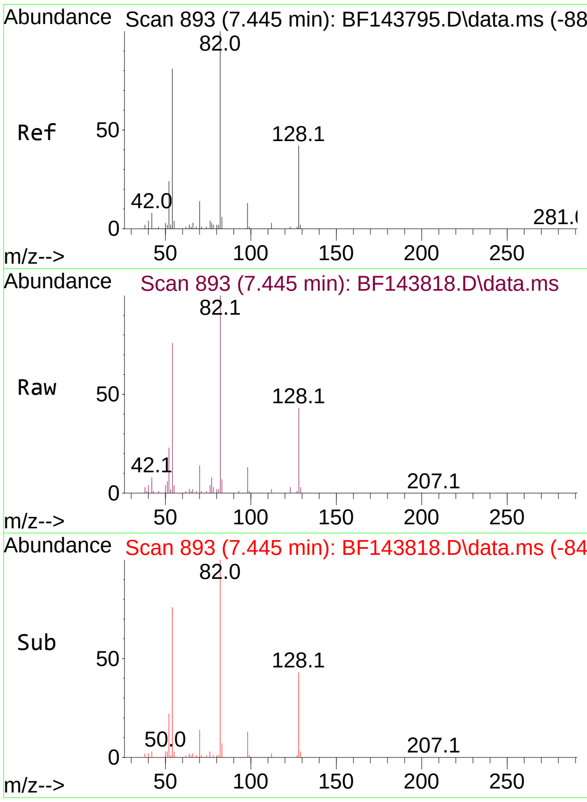
#22
Acetophenone
Concen: 55.246 ng
RT: 7.293 min Scan# 867
Delta R.T. -0.006 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion:105 Resp: 557233

Ion	Ratio	Lower	Upper
105	100		
71	8.2	7.0	10.4
51	45.8	36.6	55.0
120	22.5	18.1	27.1



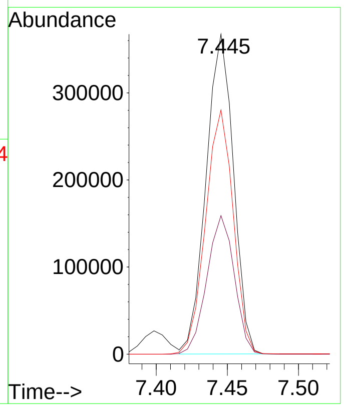
Instrument : BNA_F
ClientSampleId : EME-TS14-01MSD

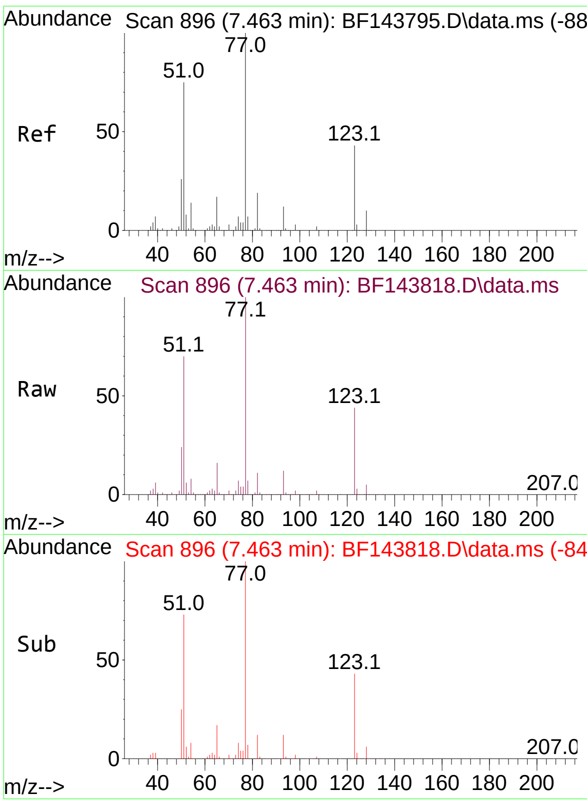


#23
Nitrobenzene-d5
Concen: 65.636 ng
RT: 7.445 min   Scan# 893
Delta R.T.   -0.006 min
Lab File: BF143818.D
Acq: 25 Sep 2025   22:20

Tgt Ion: 82 Resp: 492420

Ion	Ratio	Lower	Upper
82	100		
128	43.3	33.3	49.9
54	76.3	64.2	96.4

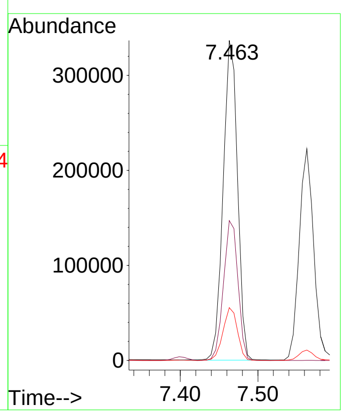




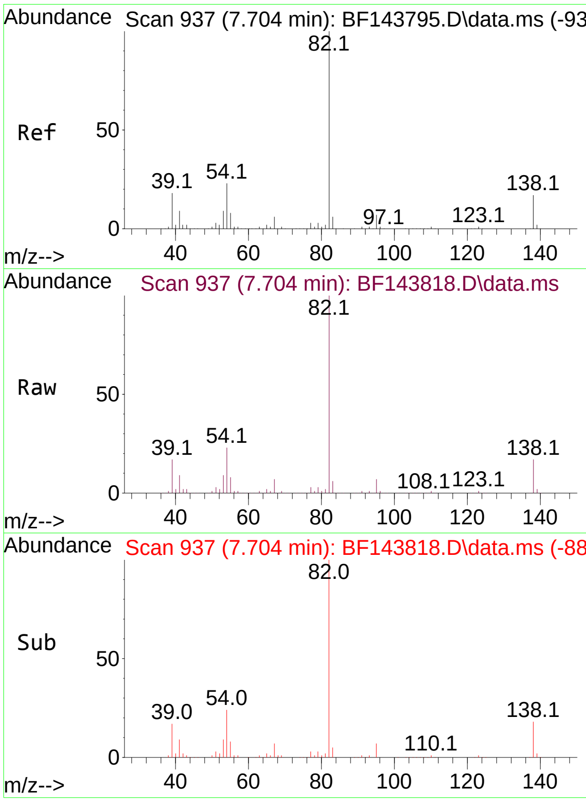
#24
Nitrobenzene
Concen: 52.193 ng
RT: 7.463 min   Scan# 896
Delta R.T.   -0.012 min
Lab File: BF143818.D
Acq: 25 Sep 2025   22:20

Tgt Ion: 77 Resp: 434021

Ion	Ratio	Lower	Upper
77	100		
123	43.7	34.0	51.0
65	16.5	13.5	20.3



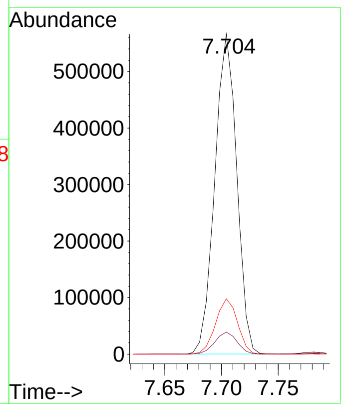
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD

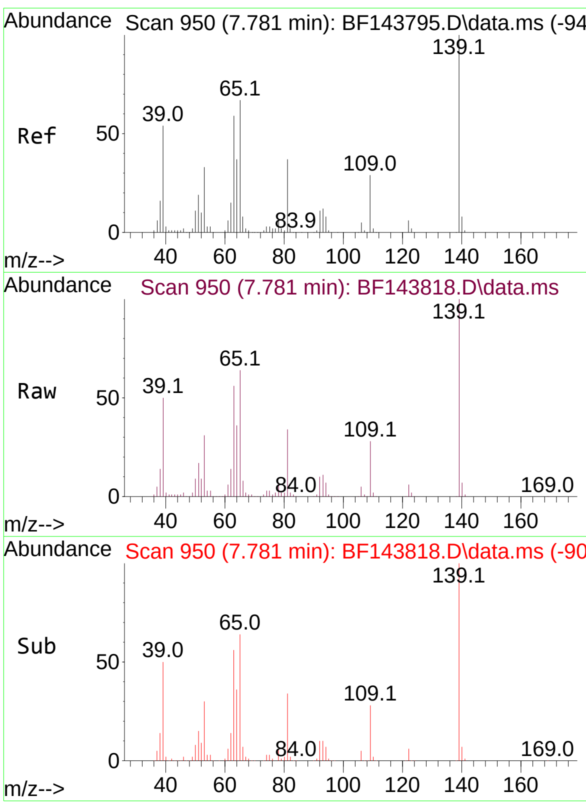


#25
Isophorone
Concen: 52.131 ng
RT: 7.704 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion: 82 Resp: 762138

Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.4	8.2
138	17.3	13.7	20.5

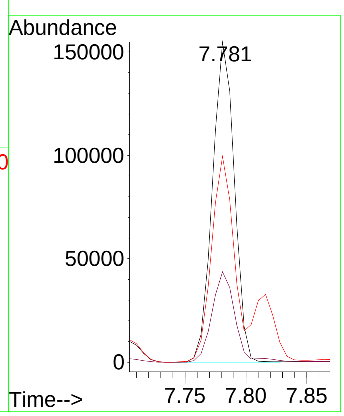




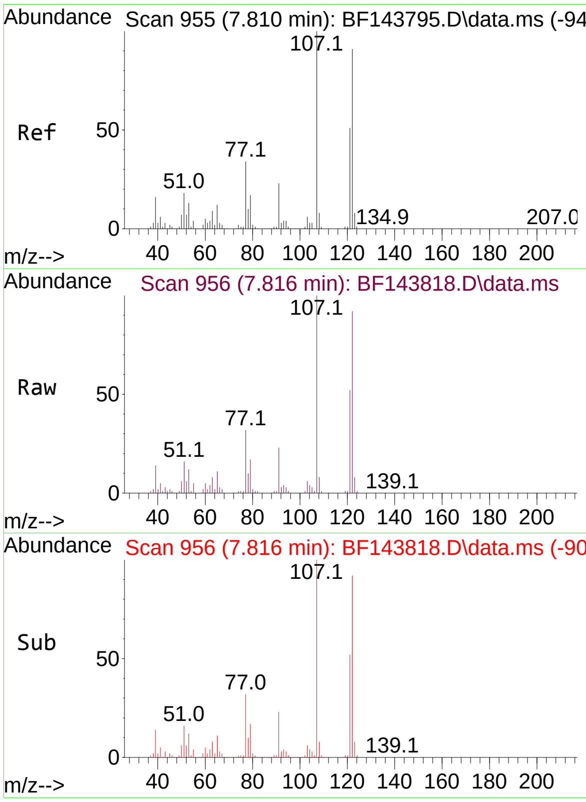
#26
2-Nitrophenol
Concen: 56.341 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.005 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion:139 Resp: 194055

Ion	Ratio	Lower	Upper
139	100		
109	28.2	23.3	34.9
65	64.3	53.8	80.6



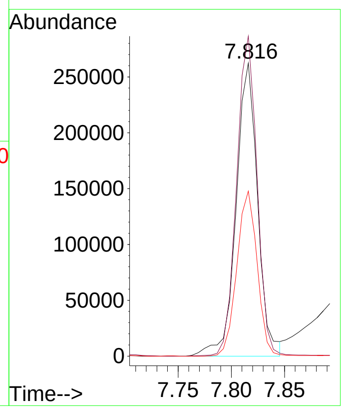
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD

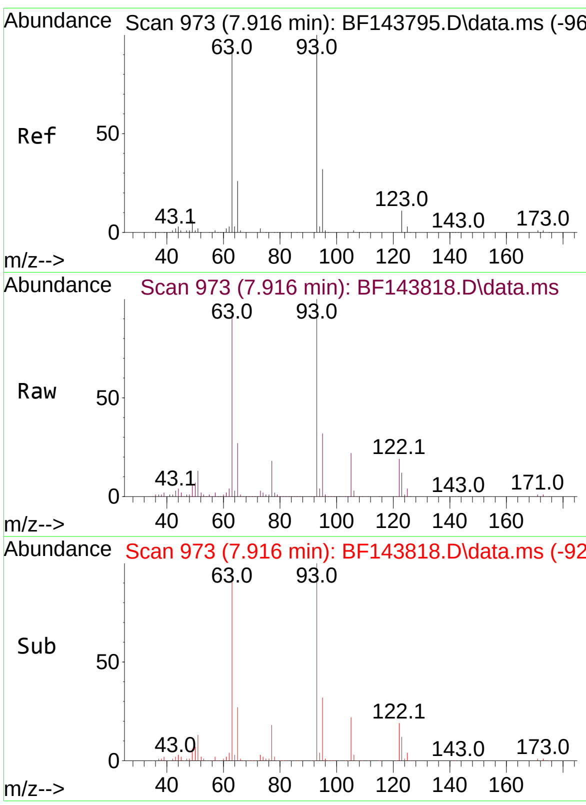


#27
2,4-Dimethylphenol
Concen: 56.505 ng
RT: 7.816 min Scan# 95
Delta R.T. 0.000 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion:122 Resp: 369228

Ion	Ratio	Lower	Upper
122	100		
107	109.2	87.5	131.3
121	56.3	44.2	66.4

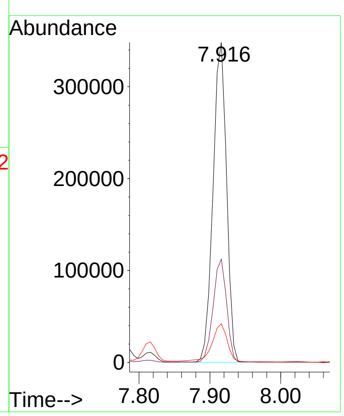




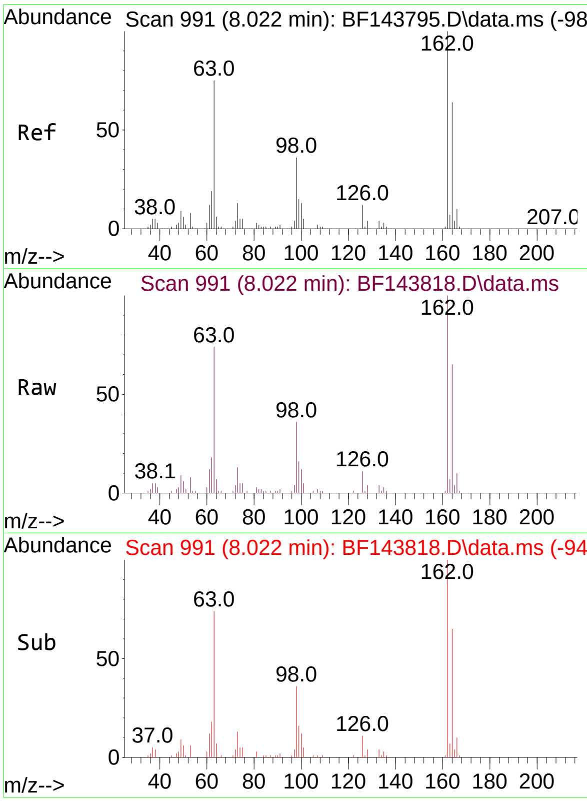
#28
bis(2-Chloroethoxy)methane
Concen: 48.661 ng
RT: 7.916 min Scan# 973
Delta R.T. 0.000 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion: 93 Resp: 462198

Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.8	38.8
123	12.1	8.8	13.2



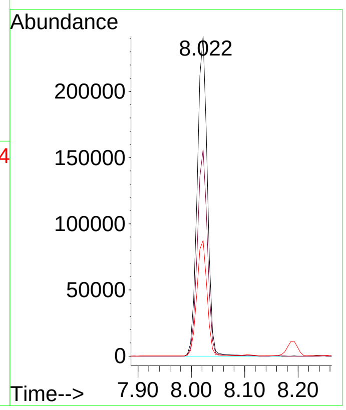
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD

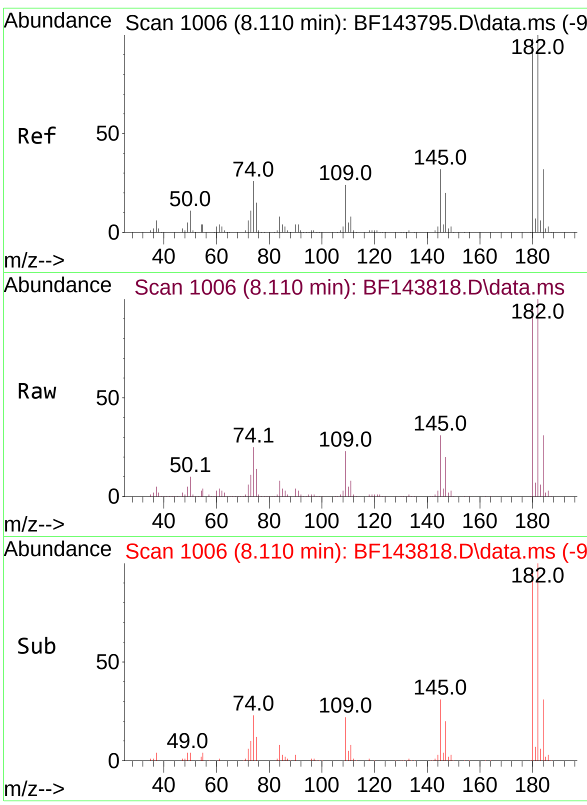


#29
2,4-Dichlorophenol
Concen: 49.770 ng
RT: 8.022 min Scan# 99
Delta R.T. 0.000 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion:162 Resp: 320002

Ion	Ratio	Lower	Upper
162	100		
164	64.6	44.1	84.1
98	36.2	15.8	55.8

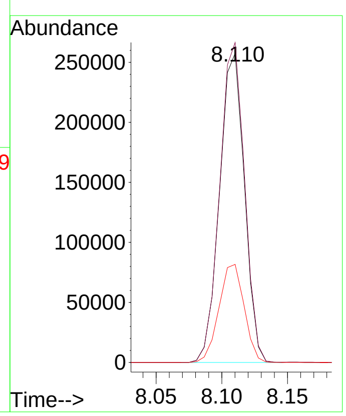




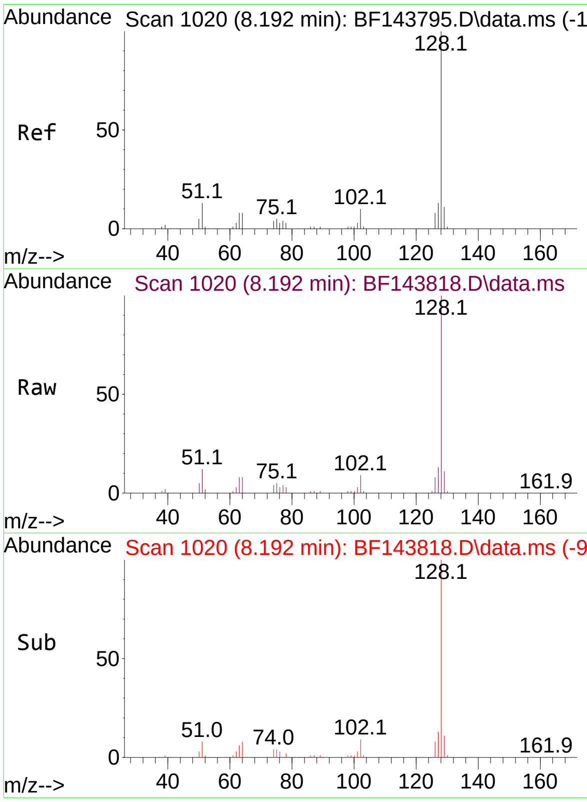
#30
1,2,4-Trichlorobenzene
Concen: 51.013 ng
RT: 8.110 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion:180 Resp: 340385

Ion	Ratio	Lower	Upper
180	100		
182	103.5	82.0	123.0
145	31.7	25.9	38.9



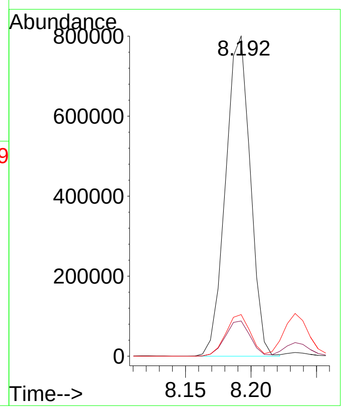
Instrument : BNA_F
ClientSampleId : EME-TS14-01MSD

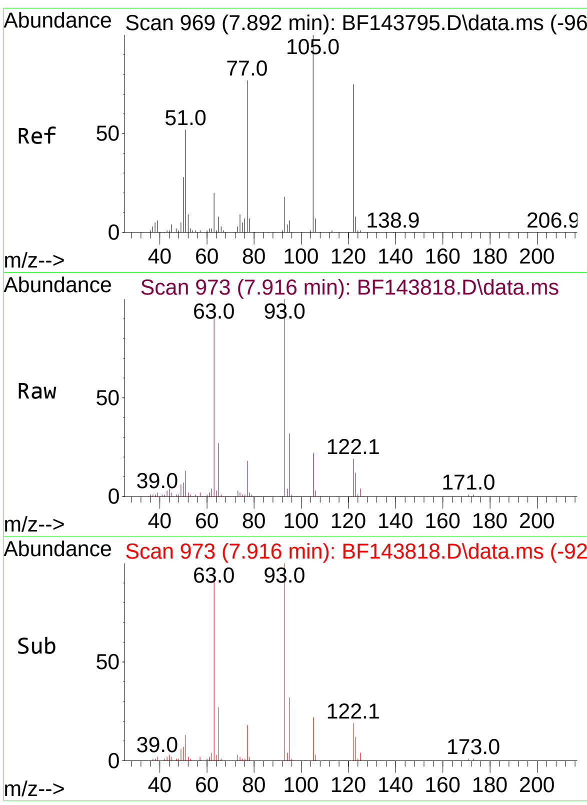


#31
Naphthalene
Concen: 47.833 ng
RT: 8.192 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion:128 Resp: 1051563

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.0	10.2	15.4

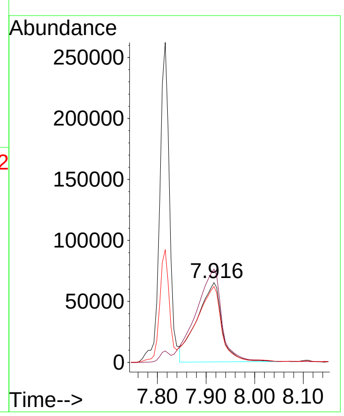


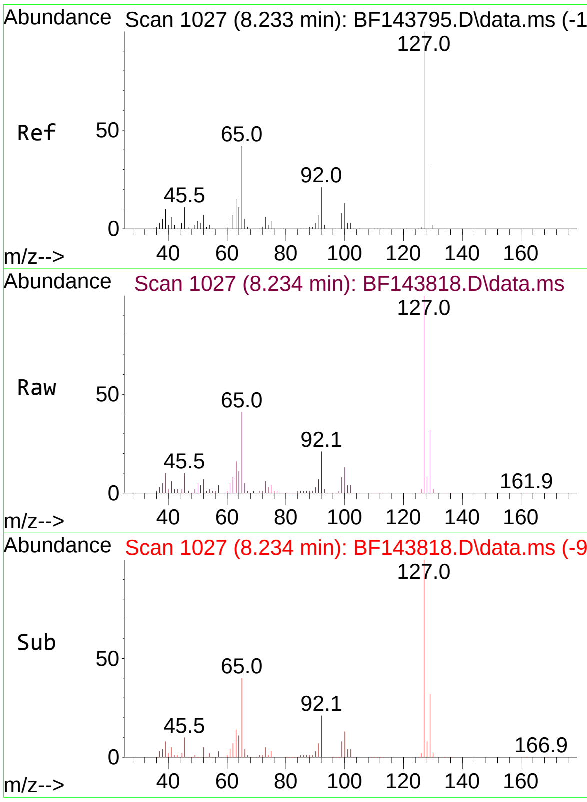


#32
Benzoic acid
Concen: 73.059 ng
RT: 7.916 min Scan# 973
Delta R.T. -0.006 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion:122 Resp: 230335

Ion	Ratio	Lower	Upper
122	100		
105	117.0	103.7	143.7
77	95.3	78.8	118.8



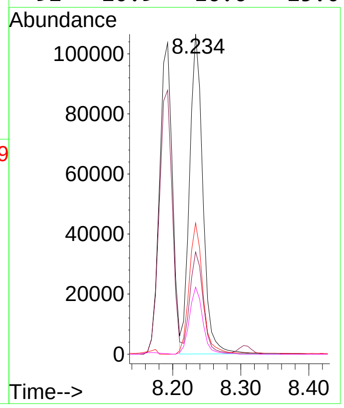


#33
4-Chloroaniline
Concen: 18.836 ng
RT: 8.234 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD

Tgt Ion:127 Resp: 145520

Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.4	38.2
65	41.0	33.4	50.2
92	20.9	16.6	25.0



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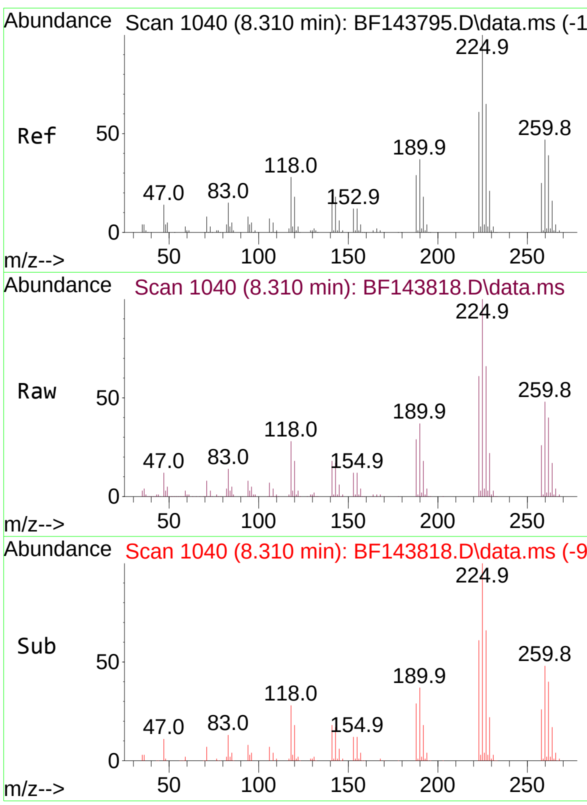
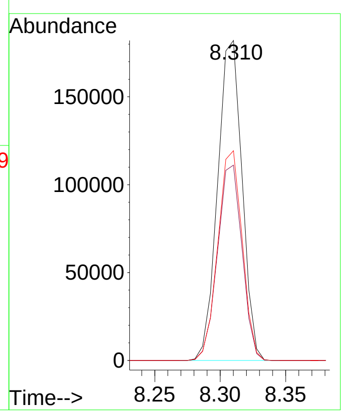


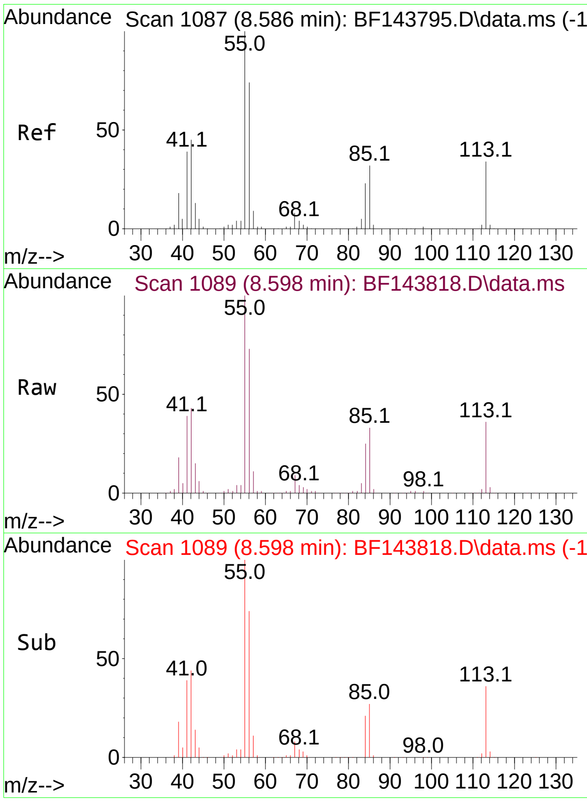
#34
Hexachlorobutadiene
Concen: 47.684 ng
RT: 8.310 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion:225 Resp: 237191

Ion	Ratio	Lower	Upper
225	100		
223	61.1	48.6	72.8
227	65.5	51.9	77.9



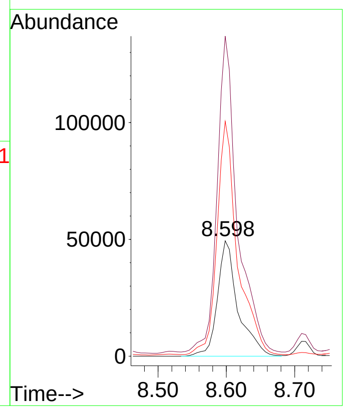
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD

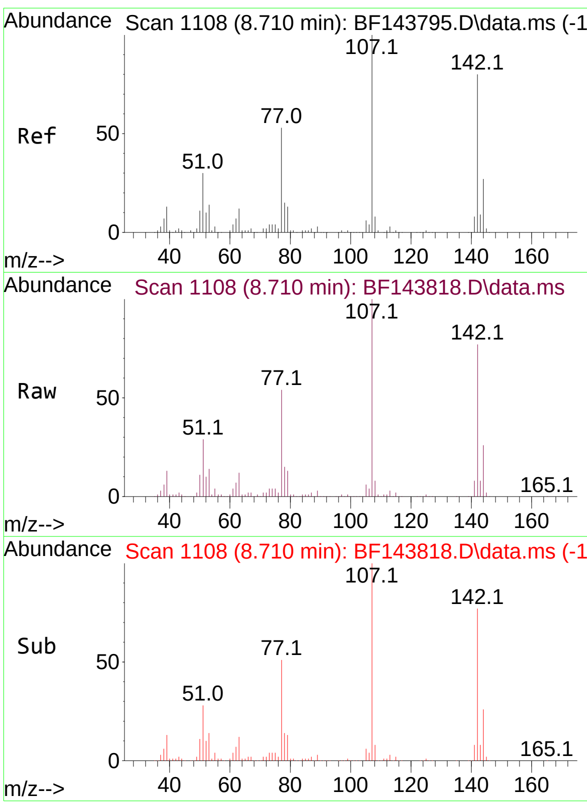


#35
Caprolactam
Concen: 62.522 ng
RT: 8.598 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion:113 Resp: 102749

Ion	Ratio	Lower	Upper
113	100		
55	277.5	271.7	311.7
56	203.5	194.5	234.5

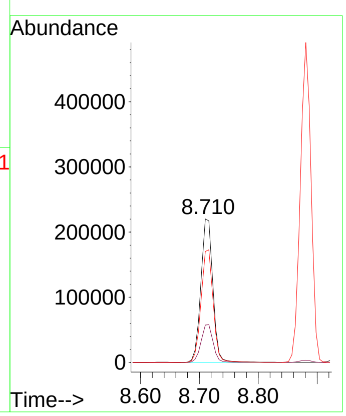




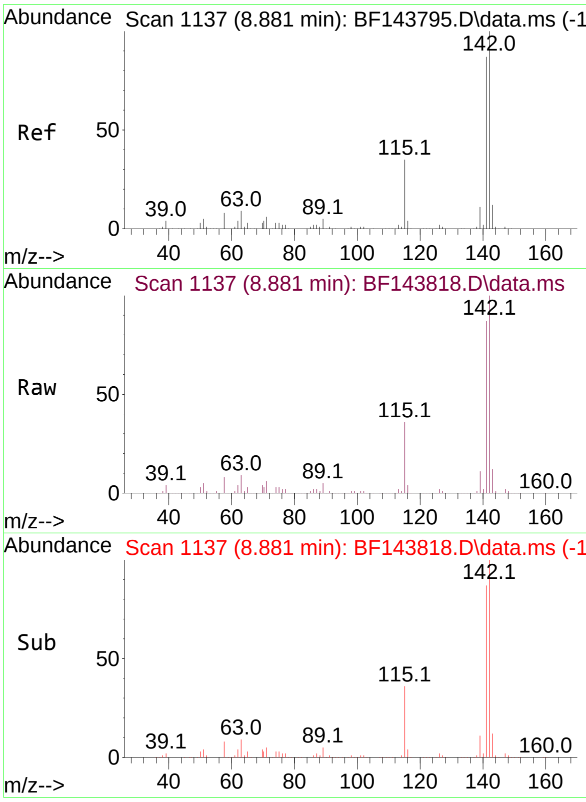
#36
4-Chloro-3-methylphenol
Concen: 51.924 ng
RT: 8.710 min Scan# 1108
Delta R.T. 0.000 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion:107 Resp: 313113

Ion	Ratio	Lower	Upper
107	100		
144	26.0	21.8	32.8
142	77.4	63.6	95.4



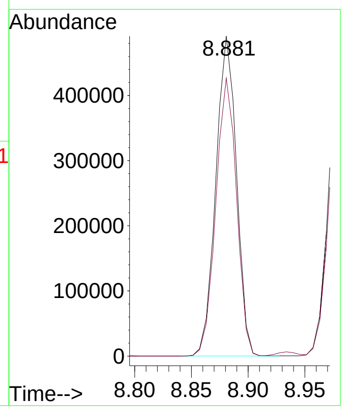
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD

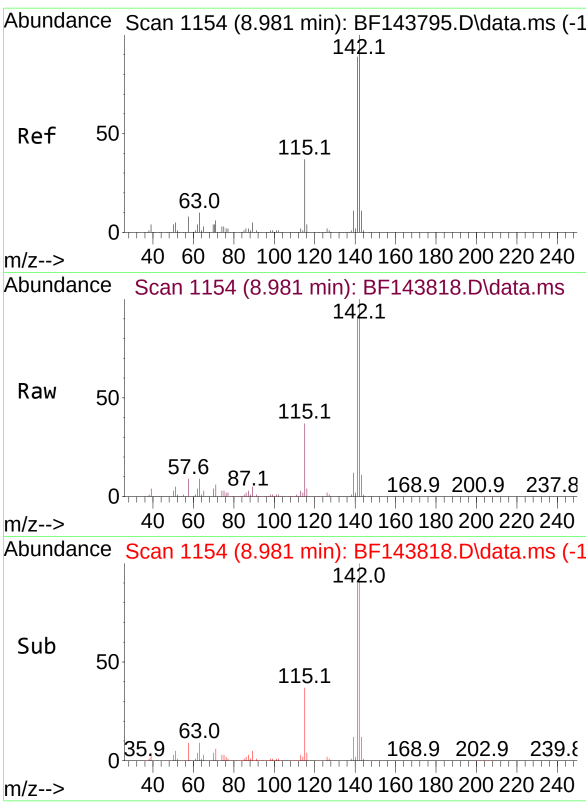


#37
2-Methylnaphthalene
Concen: 44.341 ng
RT: 8.881 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion:142 Resp: 621572

Ion	Ratio	Lower	Upper
142	100		
141	86.8	69.4	104.0

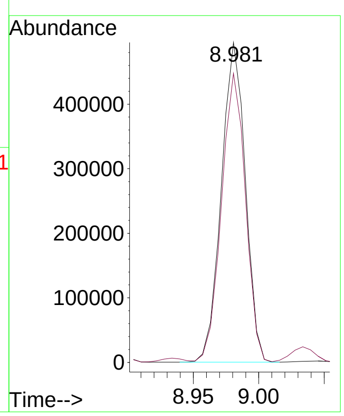




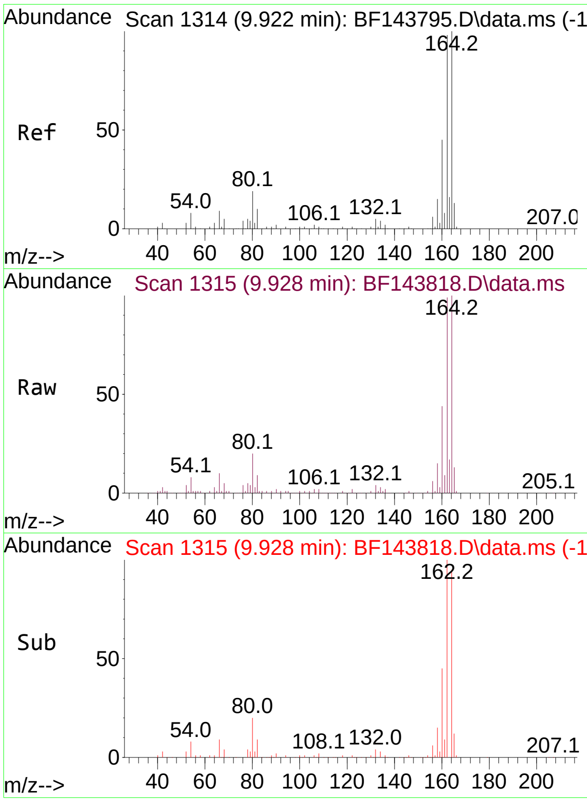
#38
1-Methylnaphthalene
Concen: 47.129 ng
RT: 8.981 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion:142 Resp: 632349

Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.1	106.7



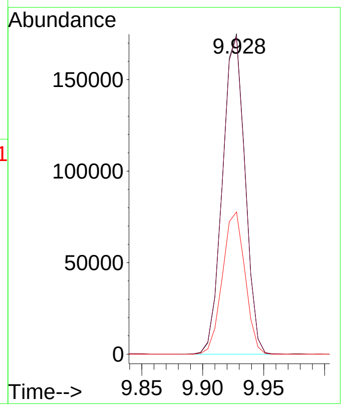
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD

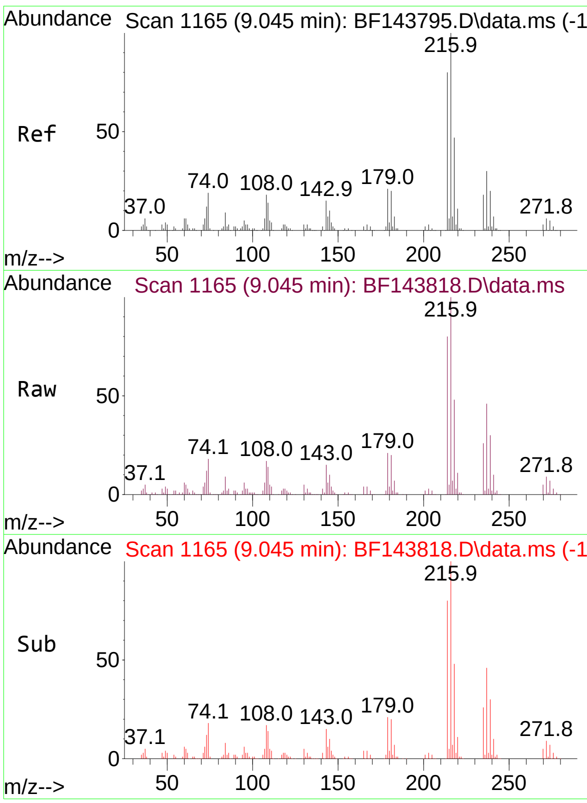


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 13
Delta R.T. -0.000 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion:164 Resp: 224210

Ion	Ratio	Lower	Upper
164	100		
162	99.1	78.8	118.2
160	44.4	35.8	53.6

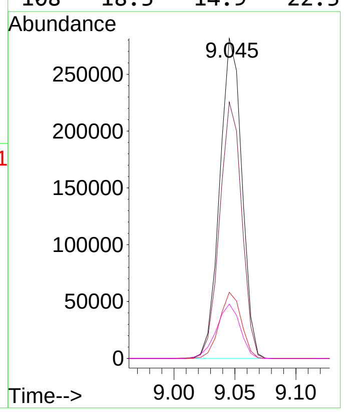




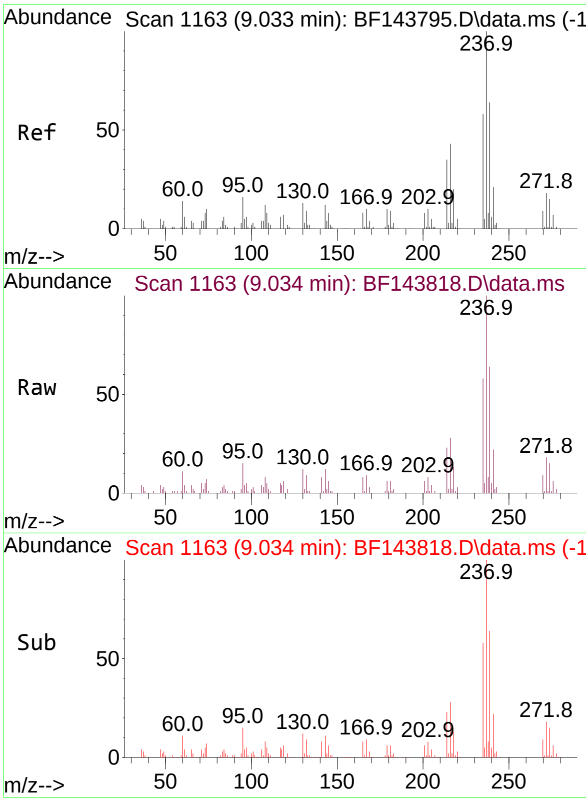
#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.694 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion:216 Resp: 356539

Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.7	95.5
179	20.4	16.5	24.7
108	18.3	14.9	22.3



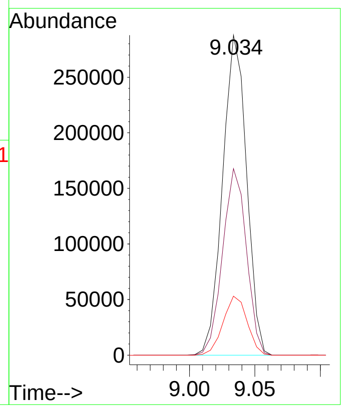
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD

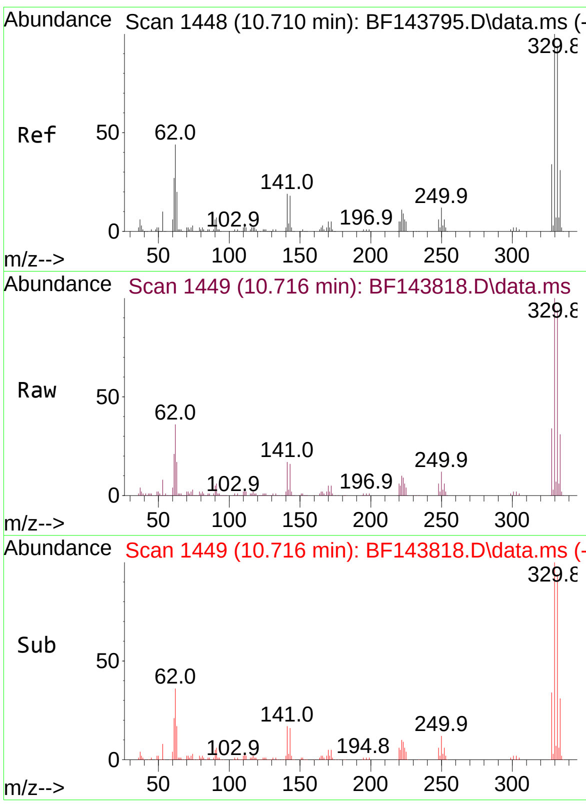


#41
Hexachlorocyclopentadiene
Concen: 85.631 ng
RT: 9.034 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion:237 Resp: 367206

Ion	Ratio	Lower	Upper
237	100		
235	58.3	38.1	78.1
272	18.4	0.0	37.9

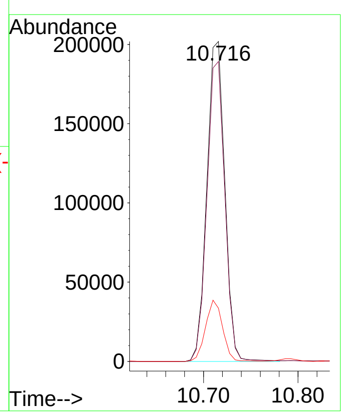




#42
2,4,6-Tribromophenol
Concen: 80.479 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

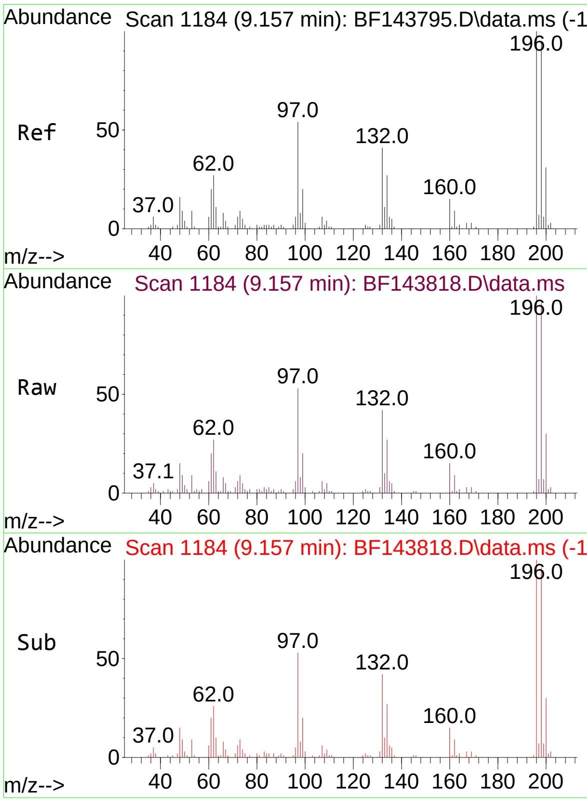
Tgt Ion:330 Resp: 267172

Ion	Ratio	Lower	Upper
330	100		
332	93.6	74.7	112.1
141	18.2	14.3	21.5



Instrument : BNA_F
ClientSampleId : EME-TS14-01MSD

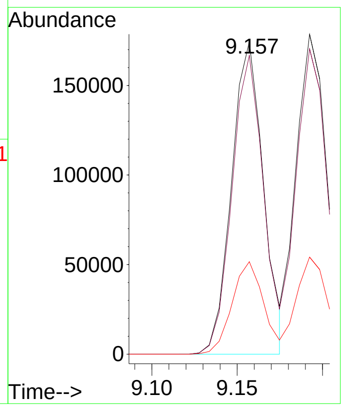
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

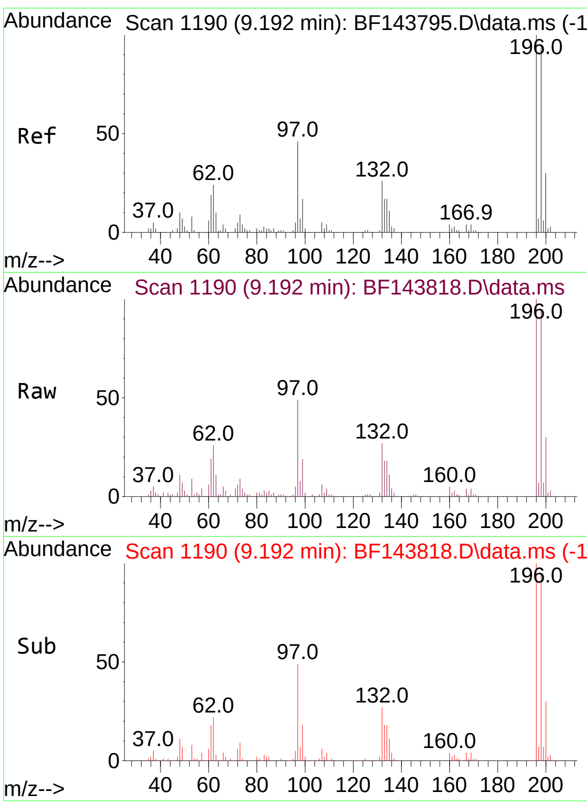


#43
2,4,6-Trichlorophenol
Concen: 53.427 ng
RT: 9.157 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion:196 Resp: 226360

Ion	Ratio	Lower	Upper
196	100		
198	95.5	76.2	114.2
200	29.6	24.7	37.1

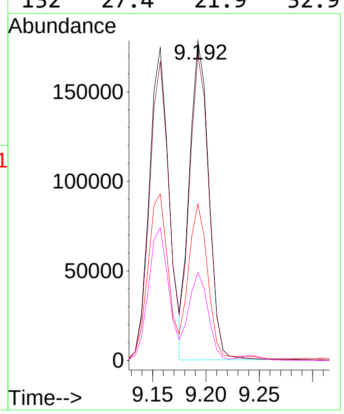




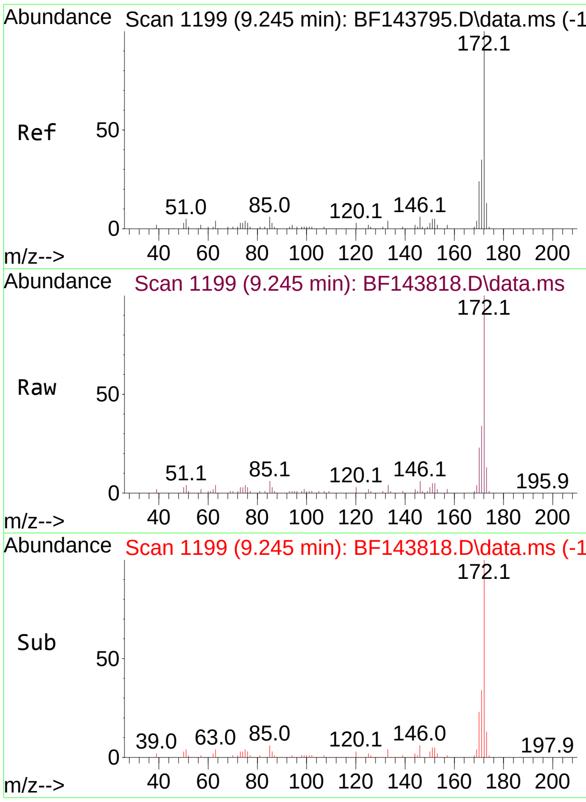
#44
2,4,5-Trichlorophenol
Concen: 50.763 ng
RT: 9.192 min Scan# 1190
Delta R.T. 0.000 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion:196 Resp: 224962

Ion	Ratio	Lower	Upper
196	100		
198	95.5	75.9	113.9
97	48.9	38.3	57.5
132	27.4	21.9	32.9



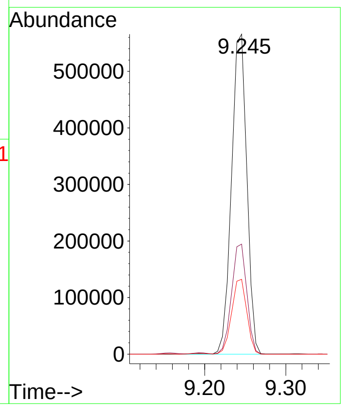
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD

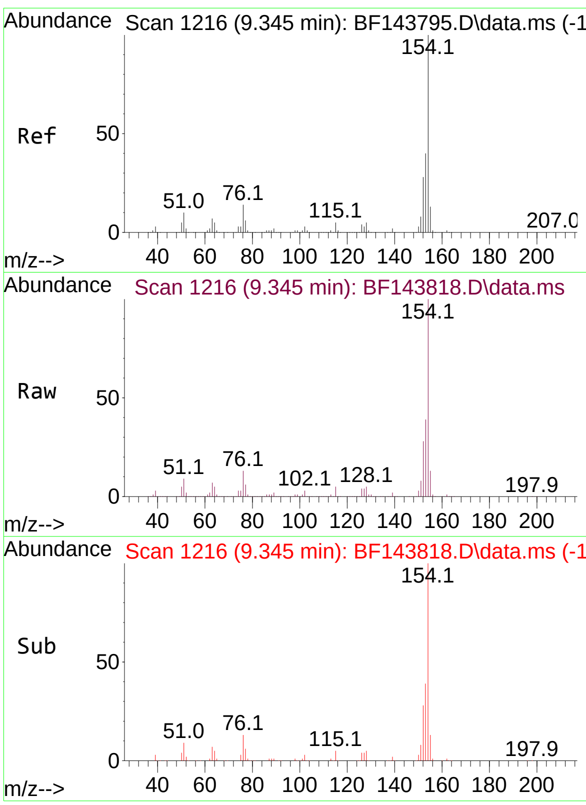


#45
2-Fluorobiphenyl
Concen: 51.871 ng
RT: 9.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion:172 Resp: 745279

Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.9	41.9
170	23.4	19.1	28.7

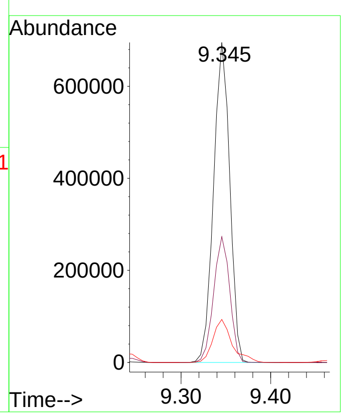




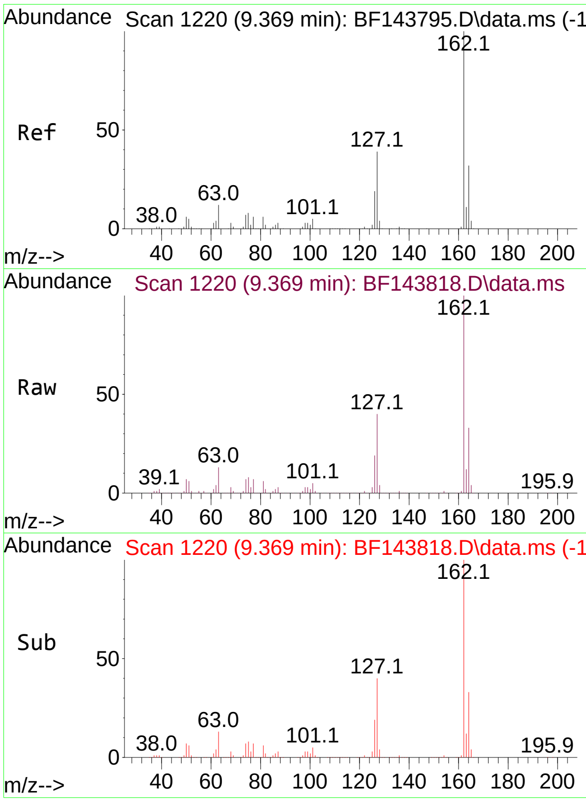
#46
1,1'-Biphenyl
Concen: 53.810 ng
RT: 9.345 min Scan# 1216
Delta R.T. 0.000 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion:154 Resp: 873337

Ion	Ratio	Lower	Upper
154	100		
153	39.3	19.7	59.7
76	13.4	0.0	33.8



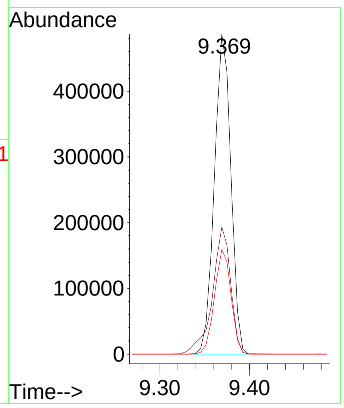
Instrument : BNA_F
ClientSampleId : EME-TS14-01MSD

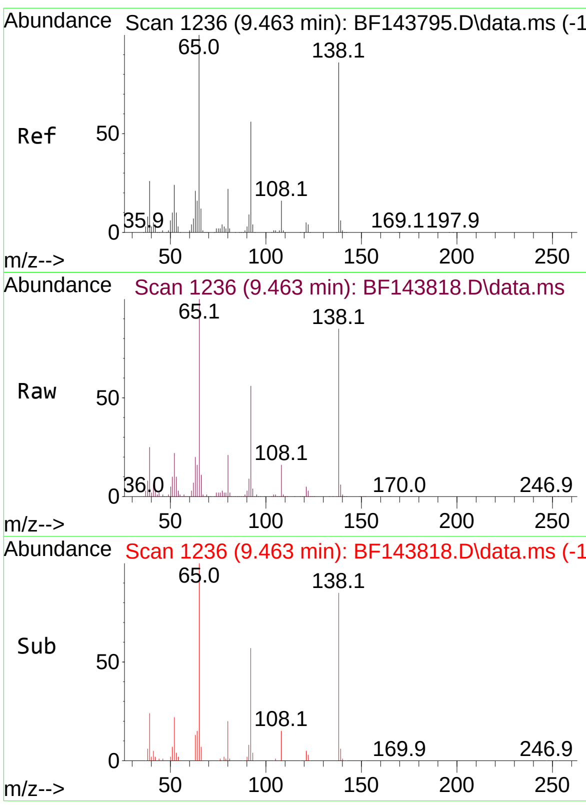


#47
2-Chloronaphthalene
Concen: 48.050 ng
RT: 9.369 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion:162 Resp: 627741

Ion	Ratio	Lower	Upper
162	100		
127	39.7	31.5	47.3
164	32.7	25.9	38.9

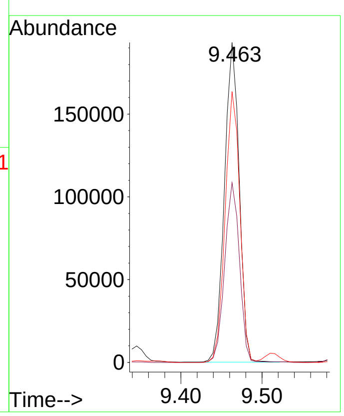




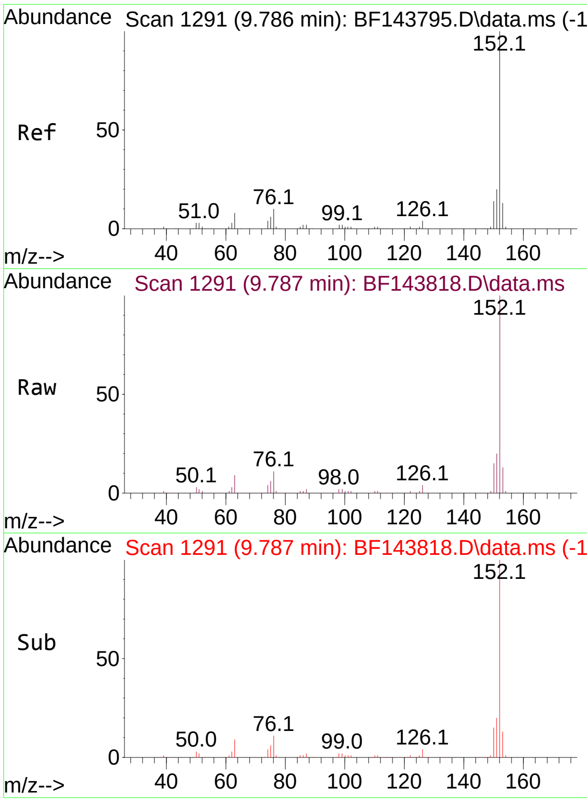
#48
2-Nitroaniline
Concen: 61.899 ng
RT: 9.463 min Scan# 1236
Delta R.T. 0.000 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion: 65 Resp: 244411

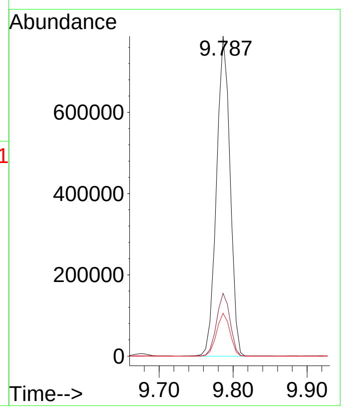
Ion	Ratio	Lower	Upper
65	100		
92	56.2	44.9	67.3
138	84.6	69.0	103.4

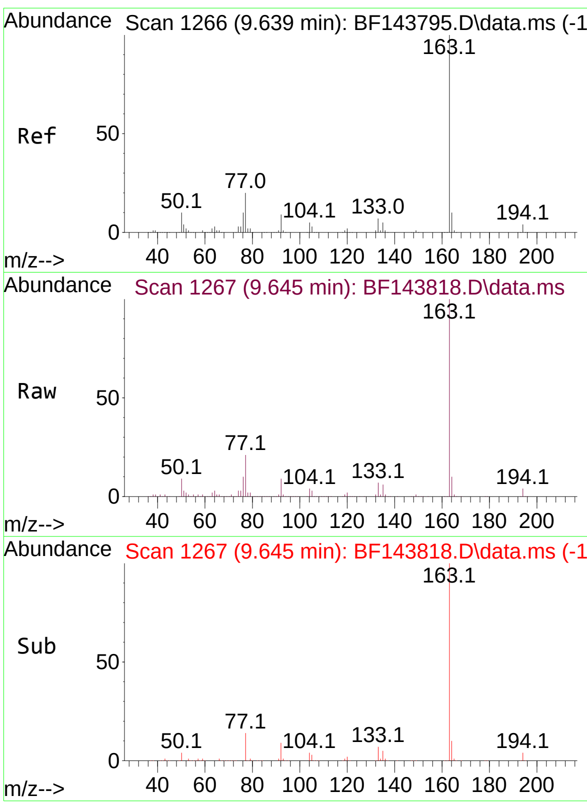


Instrument : BNA_F
ClientSampleId : EME-TS14-01MSD

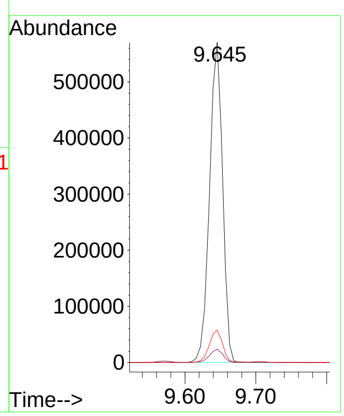



```
#49
Acenaphthylene
Concen:   55.772 ng
RT:   9.787 min  Scan# 1
Delta R.T.  0.000 min
Lab File:   BF143818.D
Acq: 25 Sep 2025  22:20

Tgt Ion:152 Resp: 1003047
Ion  Ratio  Lower  Upper
152  100
151   19.6   15.7   23.5
153   13.4   10.6   15.8
```






```
#50
Dimethylphthalate
Concen:   53.262 ng
RT:   9.645 min  Scan# 1267
Delta R.T.  0.006 min
Lab File:   BF143818.D
Acq: 25 Sep 2025  22:20

Tgt Ion:163 Resp:  727859
Ion  Ratio  Lower  Upper
163  100
194    4.1    3.0    4.6
164   10.1    8.2   12.2
```



Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD

1
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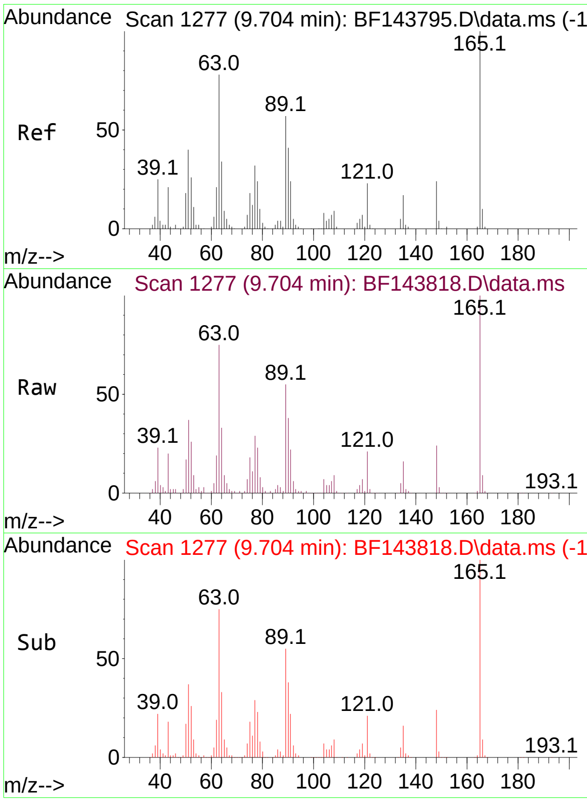
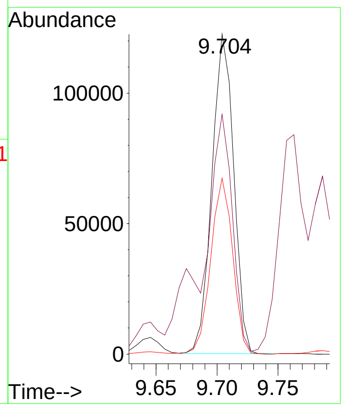
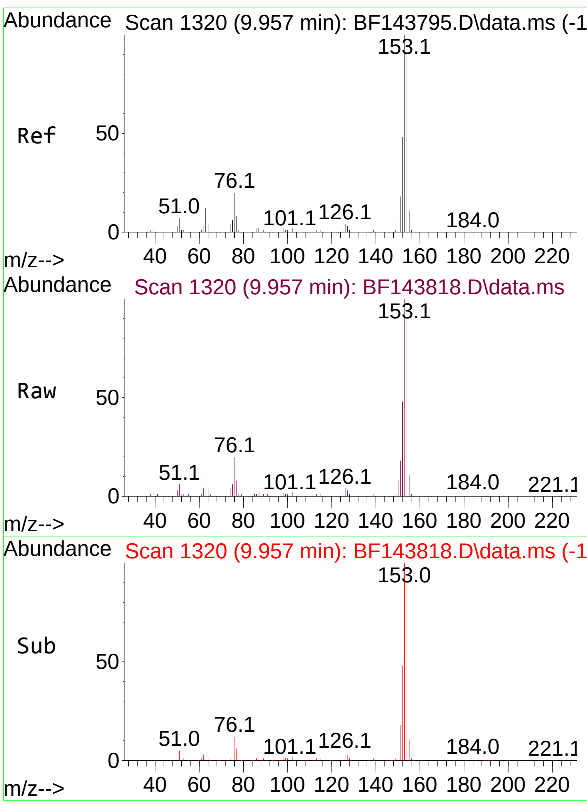
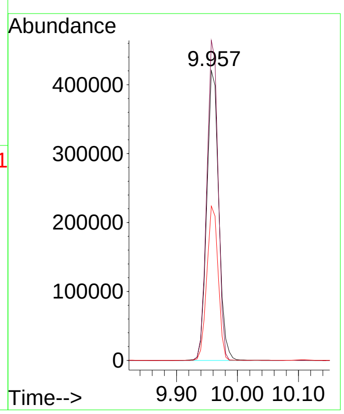



```
#51
2,6-Dinitrotoluene
Concen:   67.944 ng
RT:   9.704 min  Scan# 1
Delta R.T.  0.000 min
Lab File:   BF143818.D
Acq: 25 Sep 2025  22:20

Tgt Ion:165 Resp:  152551
Ion  Ratio  Lower  Upper
165  100
 63   74.9   62.6   94.0
 89   55.0   45.2   67.8
```

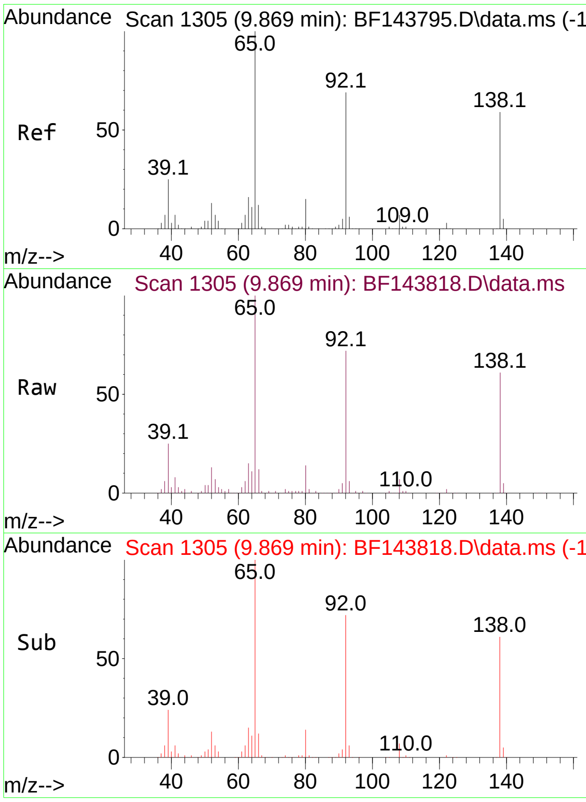





```
#52
Acenaphthene
Concen:   48.506 ng
RT:   9.957 min  Scan# 1320
Delta R.T.  -0.006 min
Lab File:   BF143818.D
Acq: 25 Sep 2025  22:20

Tgt Ion:154 Resp:  574079
Ion  Ratio  Lower  Upper
154  100
153  110.5   88.7  133.1
152   53.3   42.7   64.1
```



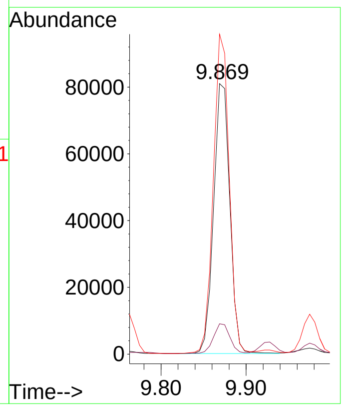
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD

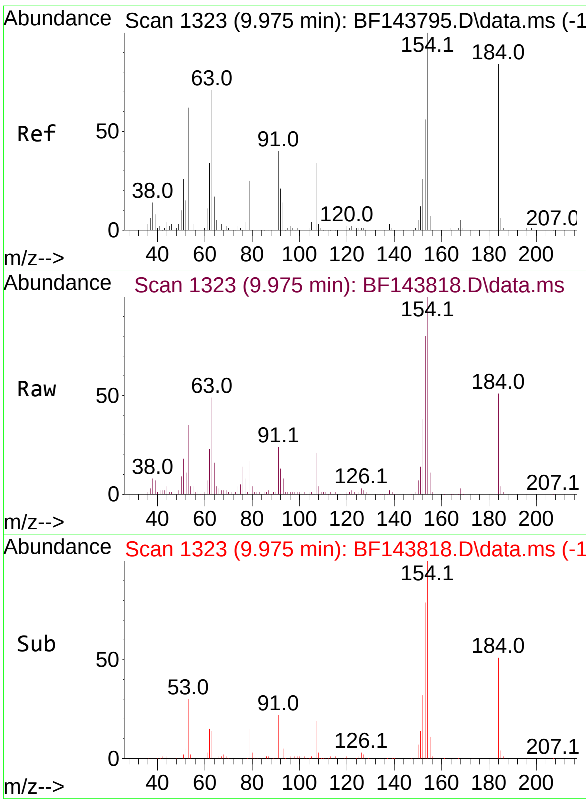


#53
3-Nitroaniline
Concen: 39.401 ng
RT: 9.869 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion:138 Resp: 107230

Ion	Ratio	Lower	Upper
138	100		
108	11.2	9.9	14.9
92	118.3	93.5	140.3

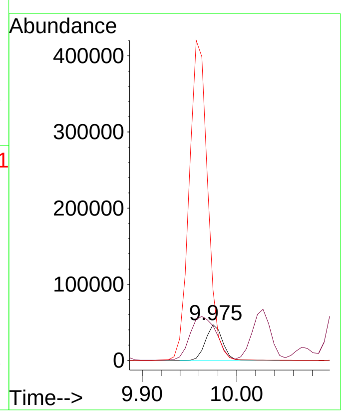




#54
2,4-Dinitrophenol
Concen: 67.109 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion:184 Resp: 58390

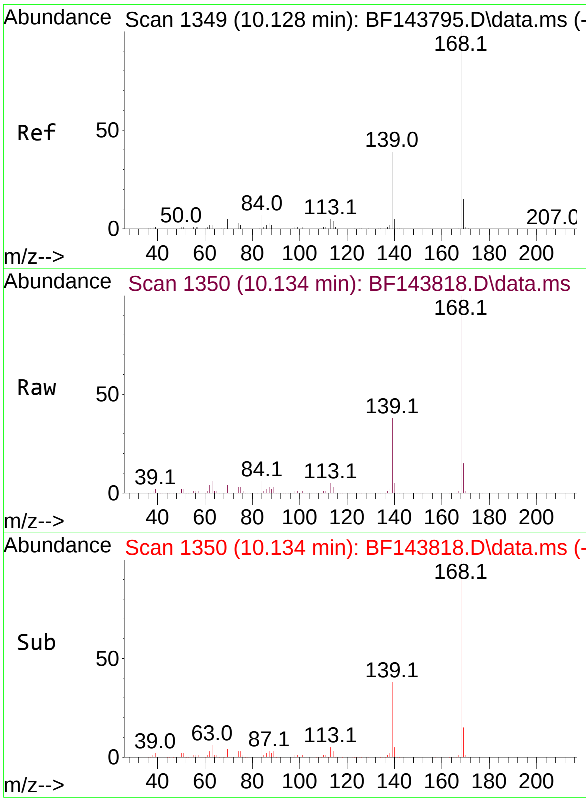
Ion	Ratio	Lower	Upper
184	100		
63	96.9	84.6	127.0
154	197.0	199.3	298.9#



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD

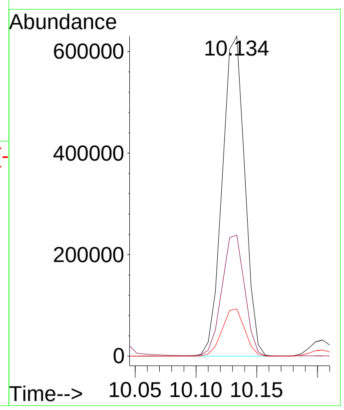
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

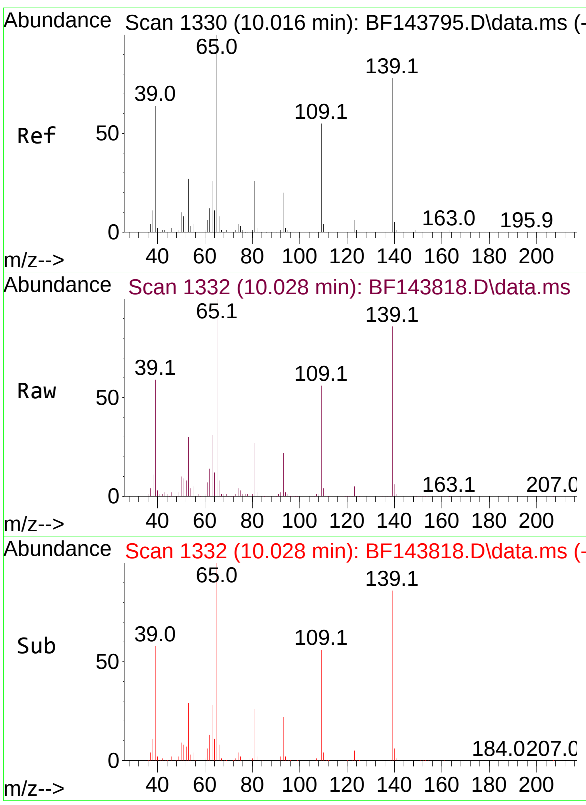


#55
Dibenzofuran
Concen: 48.682 ng
RT: 10.134 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion:168 Resp: 814738

Ion	Ratio	Lower	Upper
168	100		
139	37.8	31.0	46.6
169	14.7	11.9	17.9

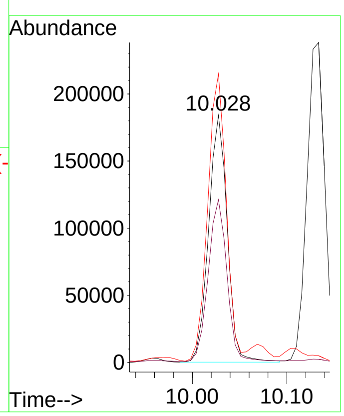




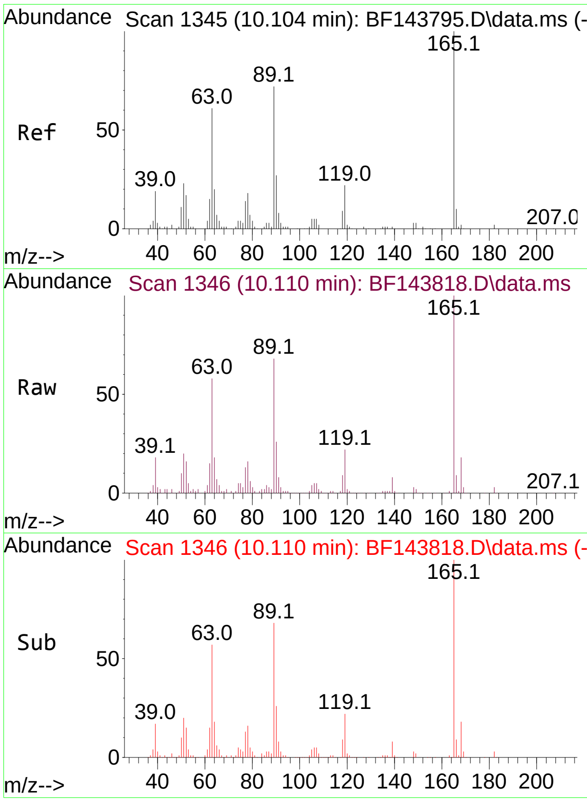
#56
4-Nitrophenol
Concen: 115.199 ng
RT: 10.028 min Scan# 1332
Delta R.T. 0.006 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion:139 Resp: 252644

Ion	Ratio	Lower	Upper
139	100		
109	65.9	50.2	90.2
65	116.8	109.2	149.2



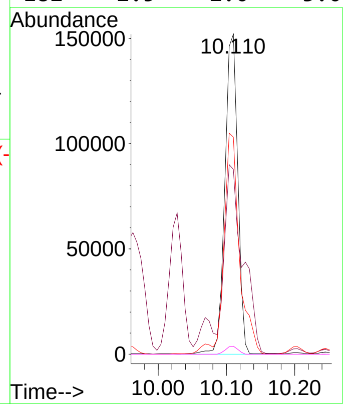
Instrument : BNA_F
ClientSampleId : EME-TS14-01MSD

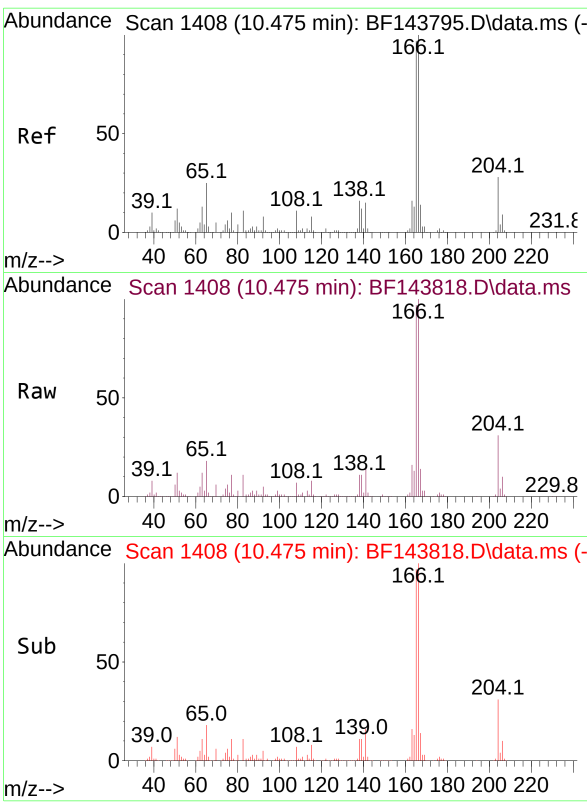


#57
2,4-Dinitrotoluene
Concen: 58.969 ng
RT: 10.110 min Scan# 1346
Delta R.T. 0.000 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion:165 Resp: 198890

Ion	Ratio	Lower	Upper
165	100		
63	57.7	48.9	73.3
89	67.8	57.5	86.3
182	2.5	2.0	3.0

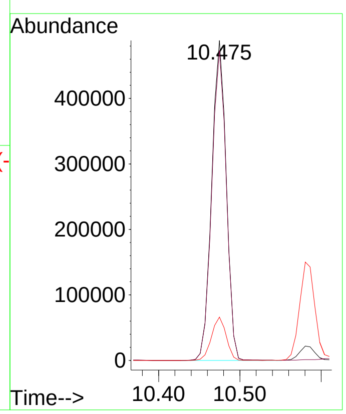




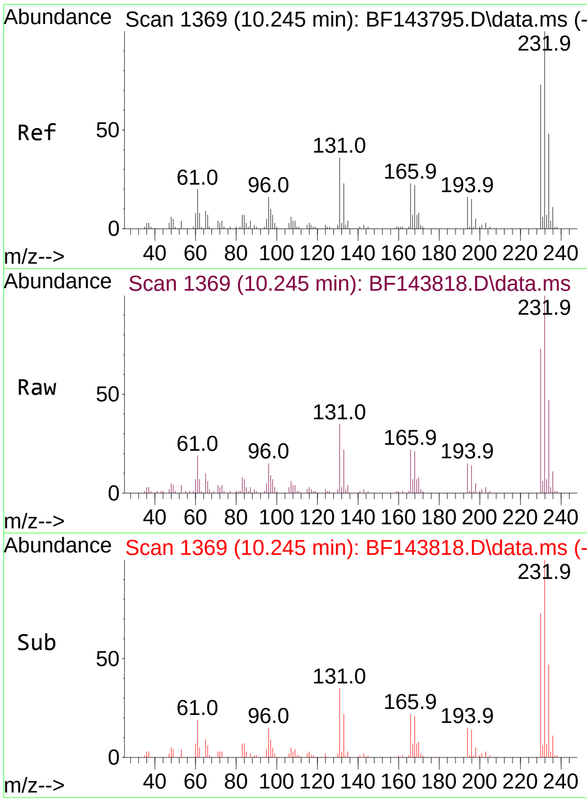
#58
Fluorene
Concen: 49.006 ng
RT: 10.475 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion:166 Resp: 609725

Ion	Ratio	Lower	Upper
166	100		
165	96.8	78.0	117.0
167	13.5	10.9	16.3



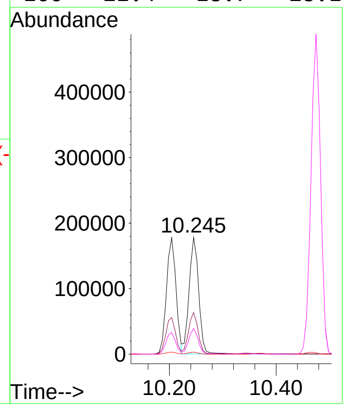
Instrument : BNA_F
ClientSampleId : EME-TS14-01MSD

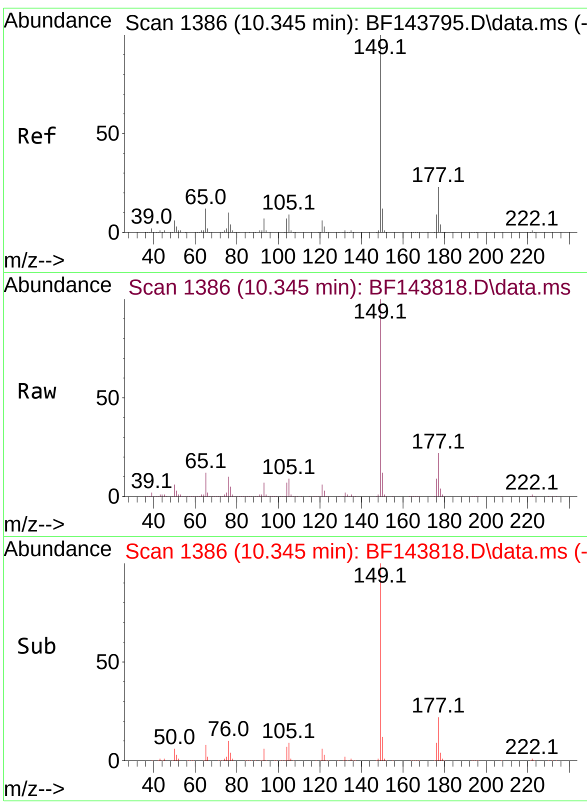


#59
2,3,4,6-Tetrachlorophenol
Concen: 59.212 ng
RT: 10.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion:232 Resp: 224793

Ion	Ratio	Lower	Upper
232	100		
131	35.0	29.4	44.2
130	1.7	1.3	1.9
166	21.4	18.7	28.1

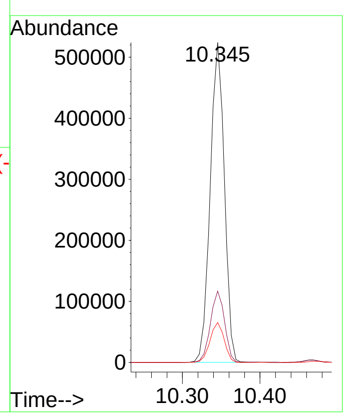




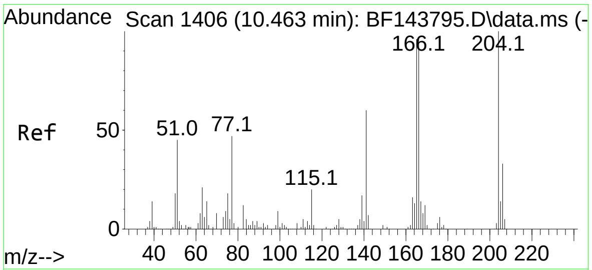
#60
Diethylphthalate
Concen: 51.844 ng
RT: 10.345 min Scan# 1386
Delta R.T. 0.000 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

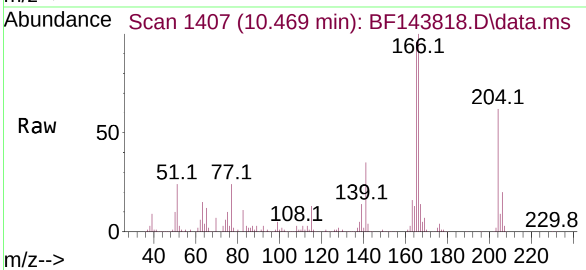
Tgt Ion:149 Resp: 663203

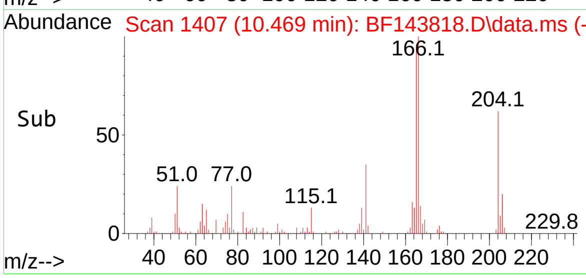
Ion	Ratio	Lower	Upper
149	100		
177	22.3	18.1	27.1
150	12.5	9.7	14.5



Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD



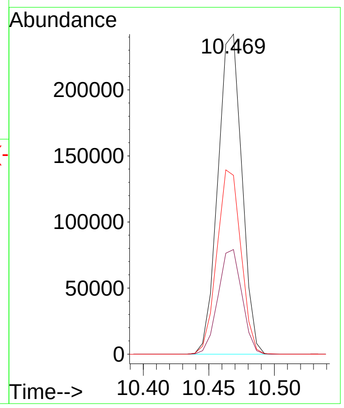


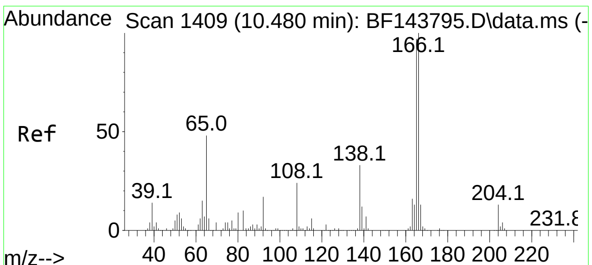


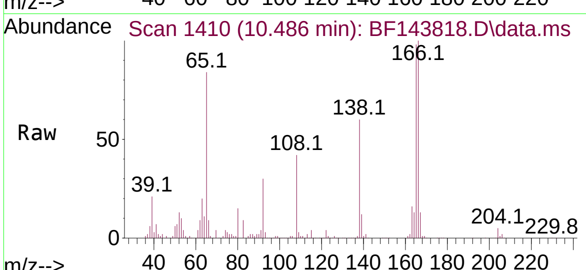
#61
4-Chlorophenyl-phenylether
Concen: 48.780 ng
RT: 10.469 min   Scan# 14
Delta R.T. 0.000 min
Lab File: BF143818.D
Acq: 25 Sep 2025   22:20

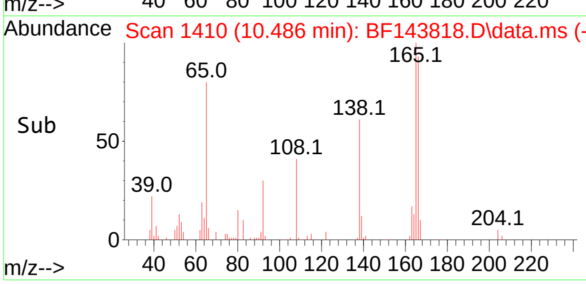
Tgt Ion:204 Resp: 309245

Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.7	40.1
141	55.9	48.2	72.2





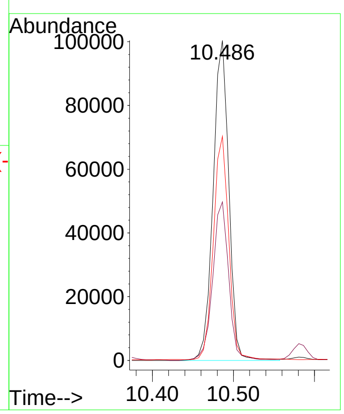




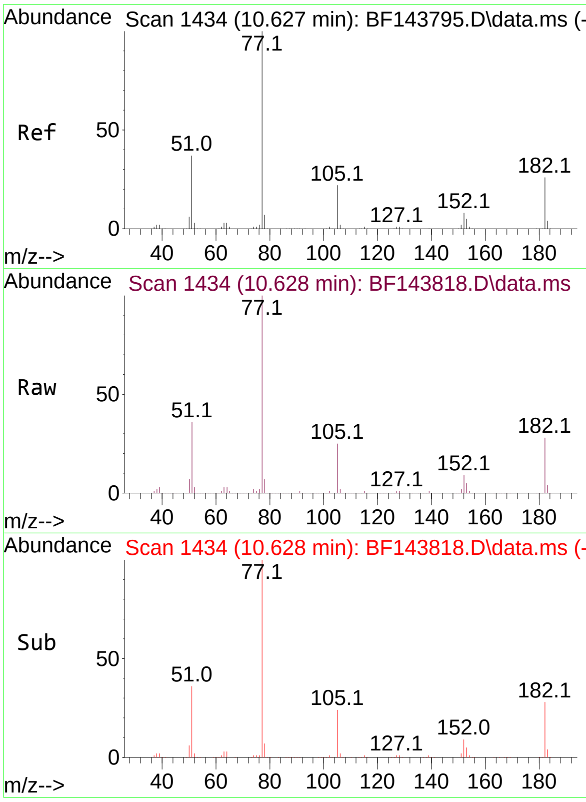
#62
4-Nitroaniline
Concen: 52.859 ng
RT: 10.486 min   Scan# 1410
Delta R.T. -0.006 min
Lab File: BF143818.D
Acq: 25 Sep 2025   22:20

Tgt Ion:138 Resp: 135264

Ion	Ratio	Lower	Upper
138	100		
92	49.5	31.5	71.5
108	70.0	51.9	91.9



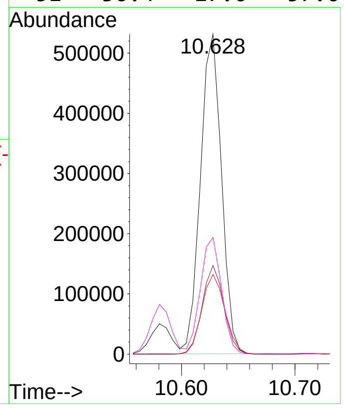
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD

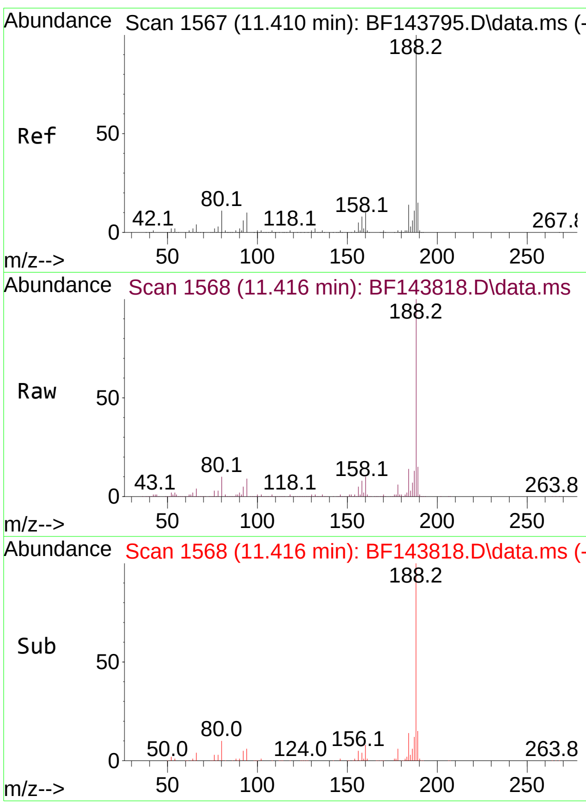


#63
Azobenzene
Concen: 50.885 ng
RT: 10.628 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion: 77 Resp: 686022

Ion	Ratio	Lower	Upper
77	100		
182	27.7	5.9	45.9
105	24.9	2.3	42.3
51	36.4	17.6	57.6

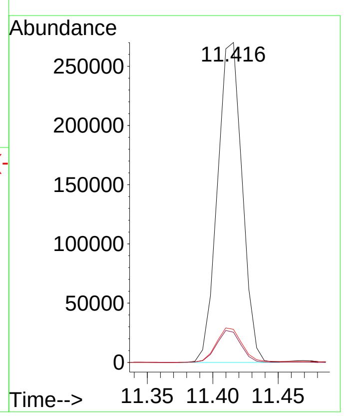




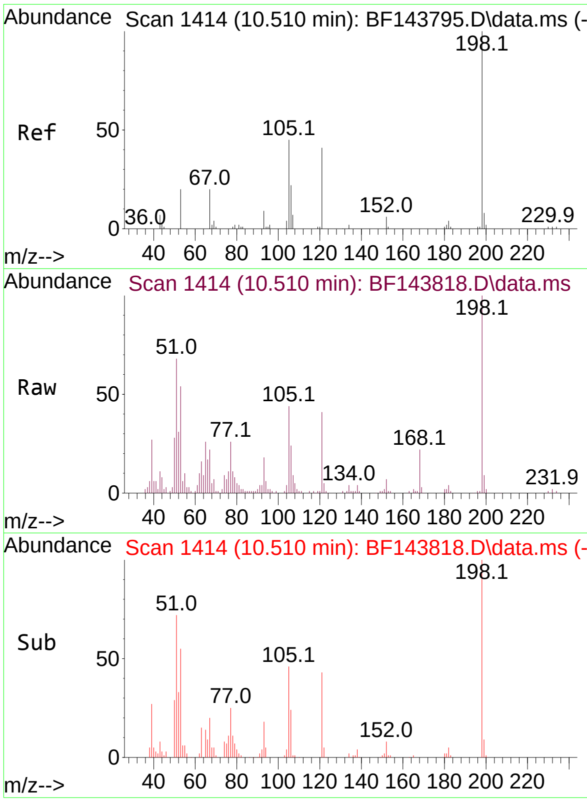
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. -0.000 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion:188 Resp: 355718

Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.2	12.2
80	10.3	8.6	12.8



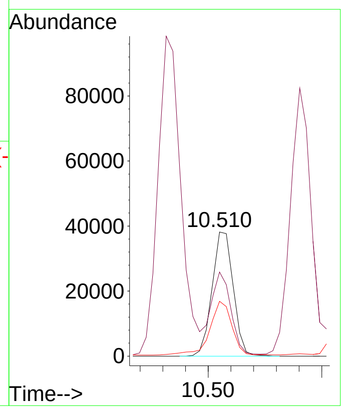
Instrument : BNA_F
ClientSampleId : EME-TS14-01MSD

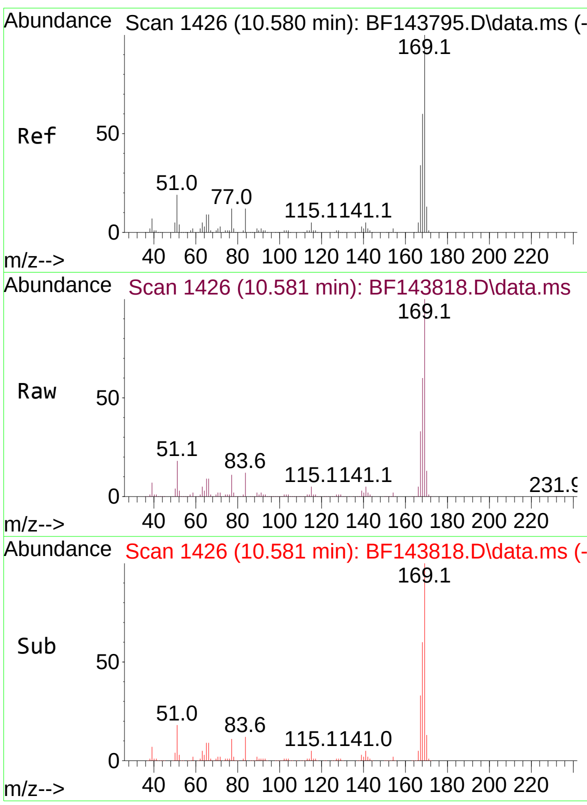


#65
4,6-Dinitro-2-methylphenol
Concen: 40.135 ng
RT: 10.510 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion:198 Resp: 49470

Ion	Ratio	Lower	Upper
198	100		
51	67.8	52.0	92.0
105	44.2	27.5	67.5

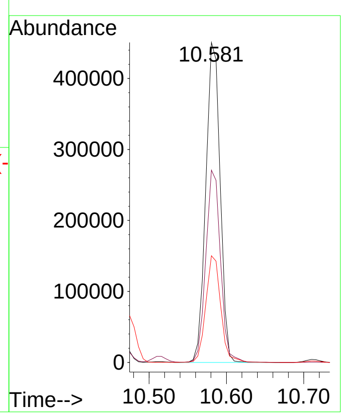




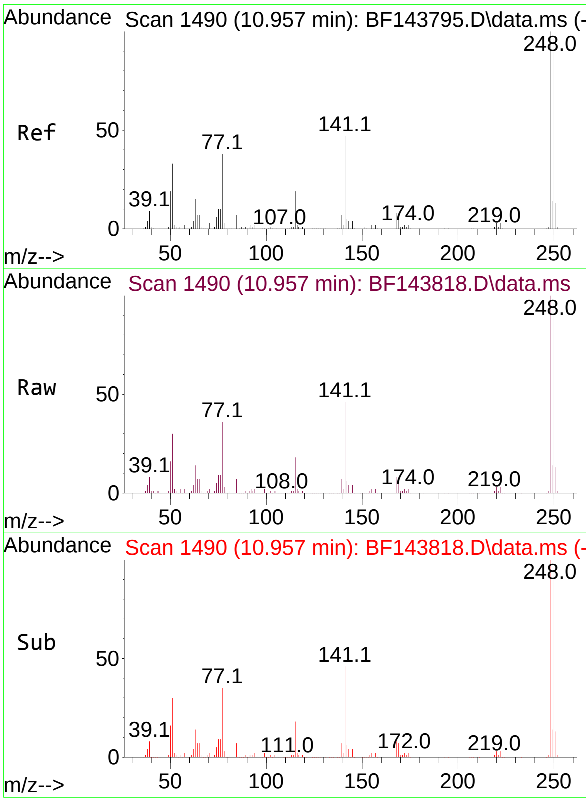
#66
n-Nitrosodiphenylamine
Concen: 49.648 ng
RT: 10.581 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion:169 Resp: 580810

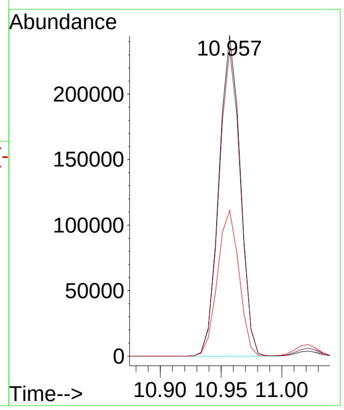
Ion	Ratio	Lower	Upper
169	100		
168	60.1	47.9	71.9
167	33.3	27.0	40.6

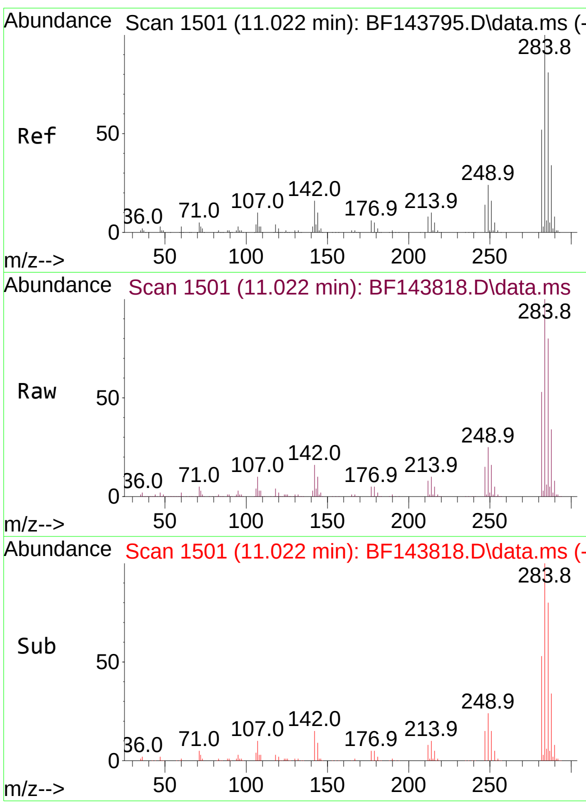


Instrument : BNA_F
ClientSampleId : EME-TS14-01MSD

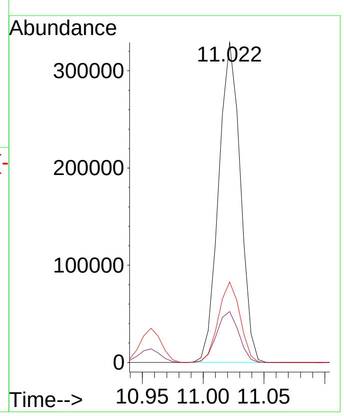



```
#67
4-Bromophenyl-phenylether
Concen:   49.115 ng
RT:  10.957 min  Scan# 14
Delta R.T.  0.000 min
Lab File:   BF143818.D
Acq: 25 Sep 2025  22:20

Tgt Ion:248 Resp:  297735
Ion  Ratio  Lower  Upper
248  100
250   95.8   78.7  118.1
141   45.5   37.9   56.9
```



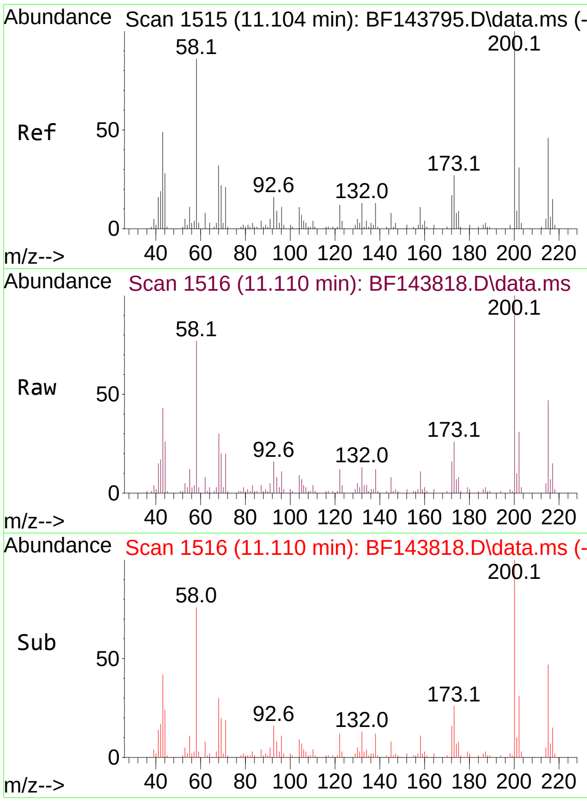



```
#68
Hexachlorobenzene
Concen:   48.889 ng
RT:  11.022 min  Scan# 1501
Delta R.T.  0.000 min
Lab File:   BF143818.D
Acq: 25 Sep 2025  22:20

Tgt Ion:284 Resp:  408424
Ion  Ratio  Lower  Upper
284  100
142   15.9   13.1   19.7
249   25.1   19.5   29.3
```

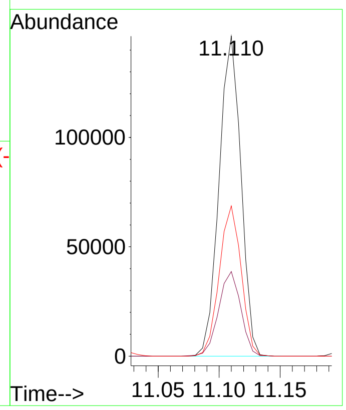


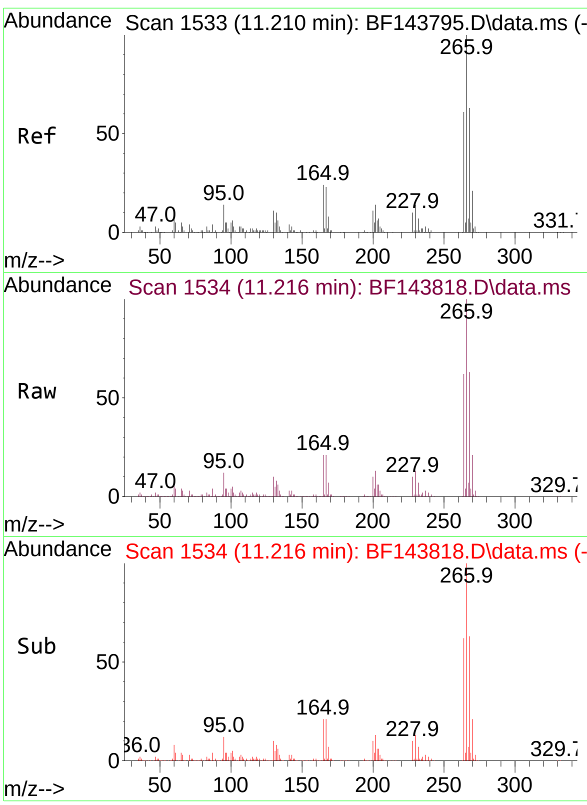
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

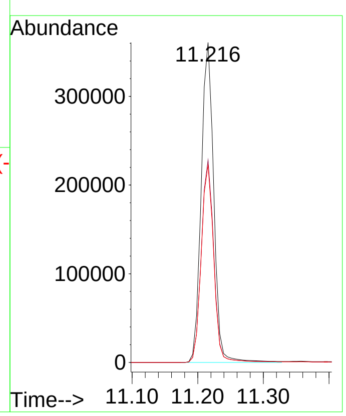



```
#69
Atrazine
Concen:   53.765 ng
RT:  11.110 min  Scan# 15
Delta R.T.  0.000 min
Lab File:   BF143818.D
Acq: 25 Sep 2025  22:20

Tgt Ion:200 Resp:  182138
Ion  Ratio  Lower  Upper
200  100
173   26.4    7.2   47.2
215   46.9   26.0   66.0
```

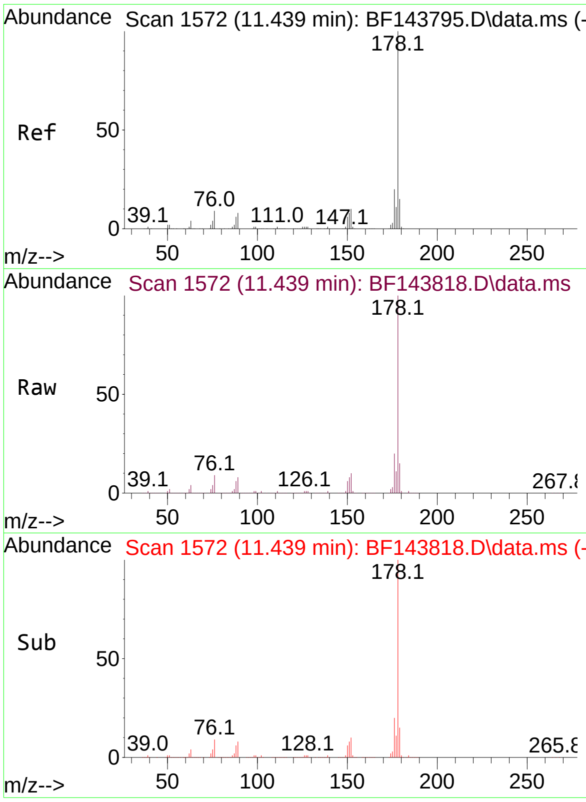





```
#70
Pentachlorophenol
Concen:  114.806 ng
RT:  11.216 min  Scan# 1534
Delta R.T.  0.000 min
Lab File:   BF143818.D
Acq: 25 Sep 2025  22:20

Tgt Ion:266 Resp:  477417
Ion  Ratio  Lower  Upper
266  100
268   63.2   50.5   75.7
264   61.6   48.8   73.2
```



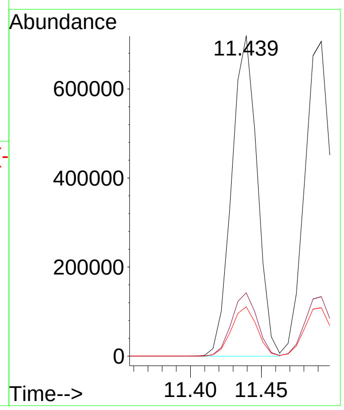
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD

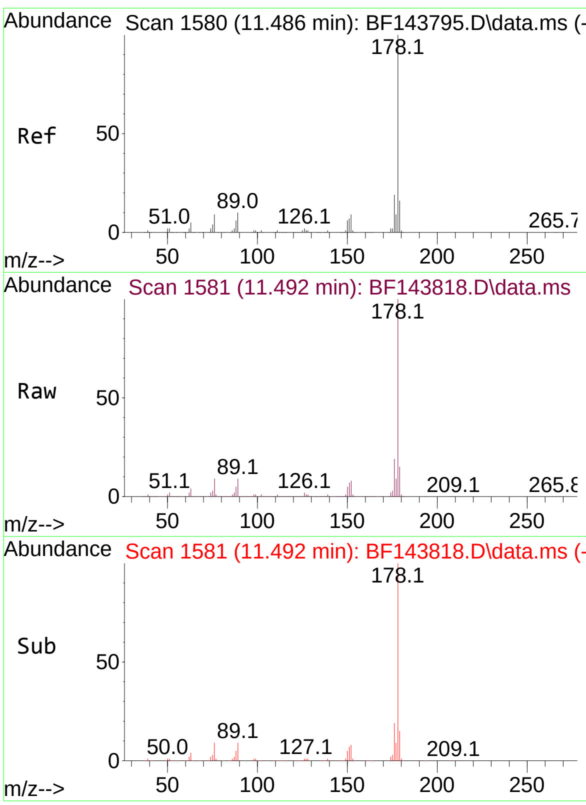


#71
Phenanthrene
Concen: 49.349 ng
RT: 11.439 min Scan# 1!
Delta R.T. 0.000 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion:178 Resp: 901235

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.6	23.4
179	15.4	12.2	18.4

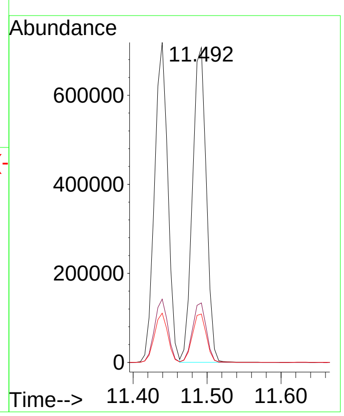




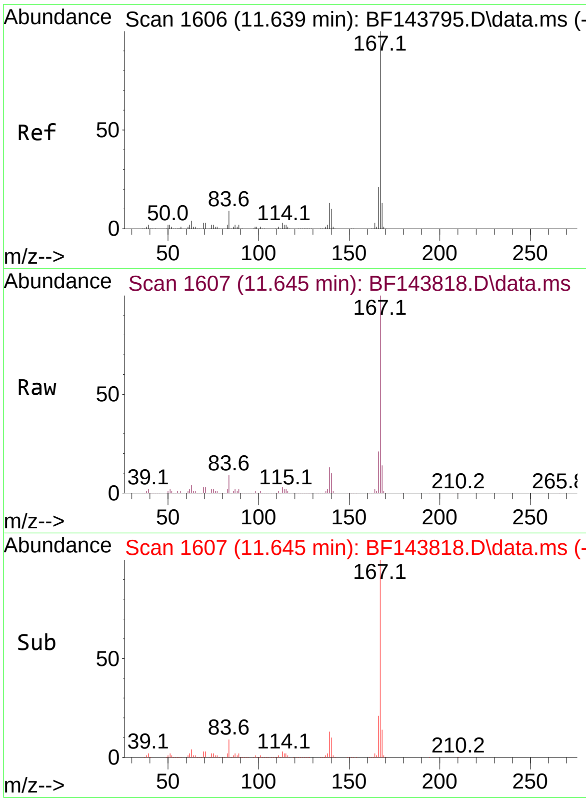
#72
Anthracene
Concen: 50.167 ng
RT: 11.492 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion:178 Resp: 918987

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	15.4	12.8	19.2



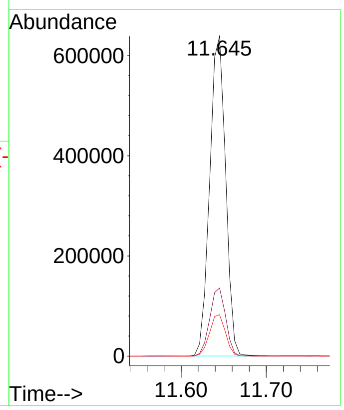
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD

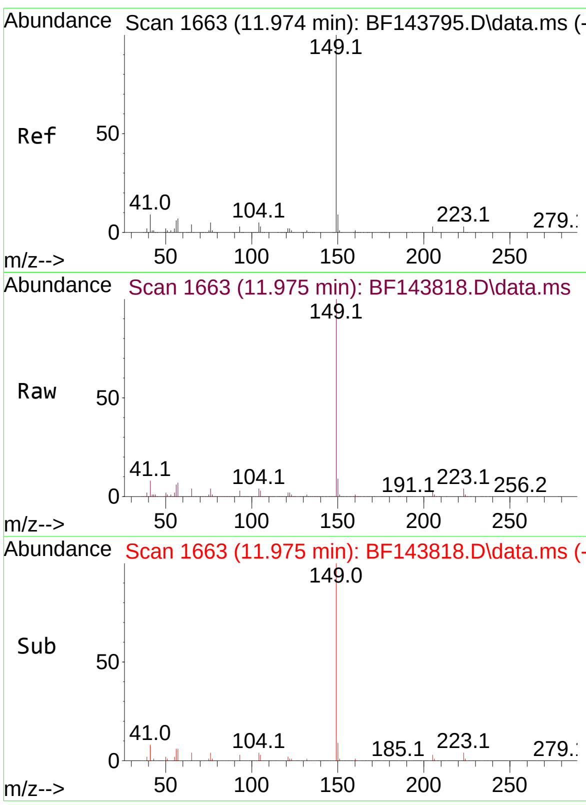


#73
Carbazole
Concen: 51.953 ng
RT: 11.645 min Scan# 16
Delta R.T. 0.000 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion:167 Resp: 832102

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.0	25.4
139	12.9	10.6	15.8

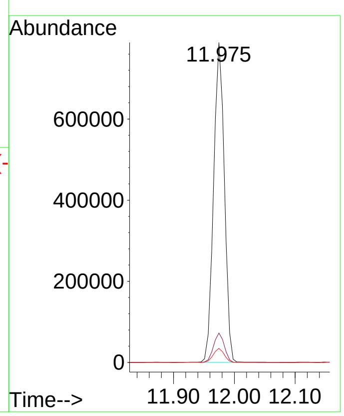




#74
Di-n-butylphthalate
Concen: 52.810 ng
RT: 11.975 min Scan# 1663
Delta R.T. 0.000 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

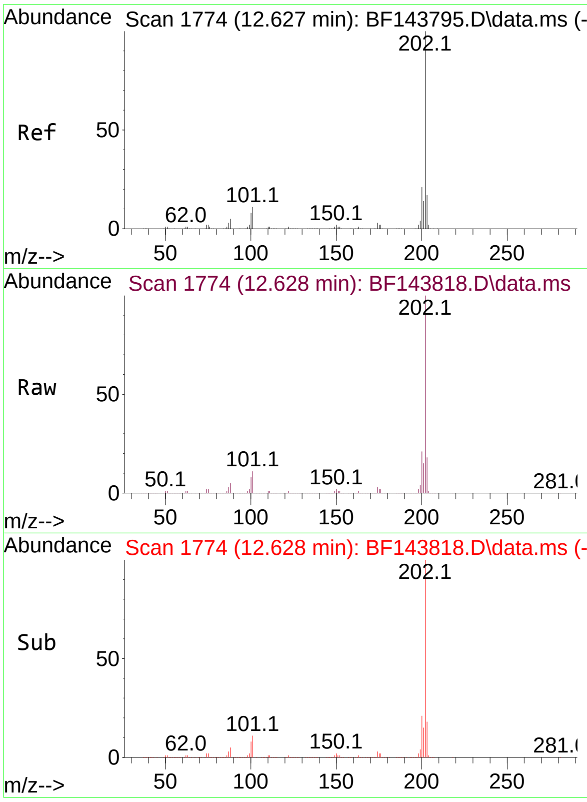
Tgt Ion:149 Resp: 972765

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.3	10.9
104	4.4	3.6	5.4



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

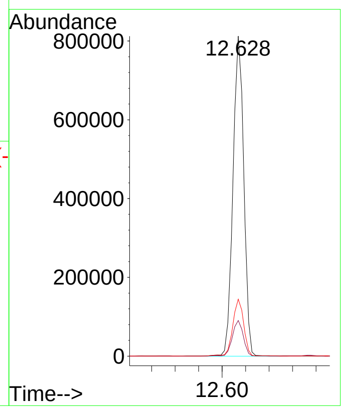
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD

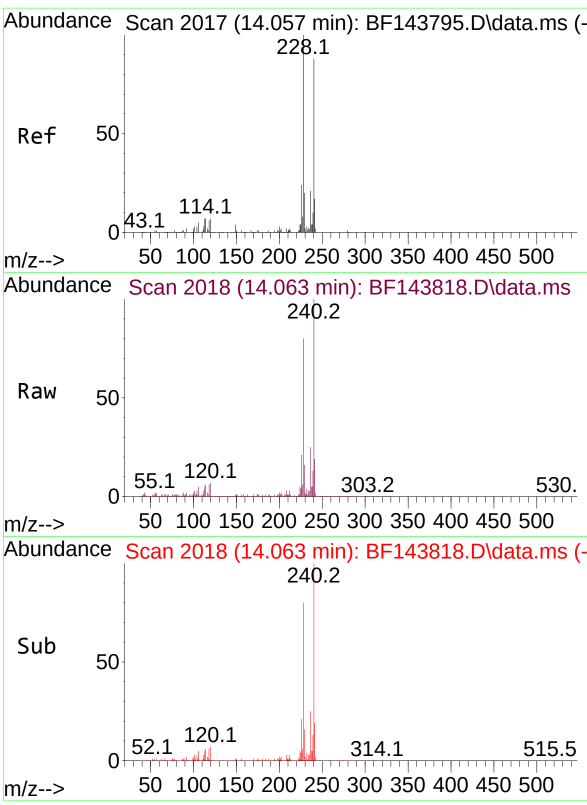


#75
Fluoranthene
Concen: 56.557 ng
RT: 12.628 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion:202 Resp: 1038840

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	31.1
203	17.8	0.0	37.4

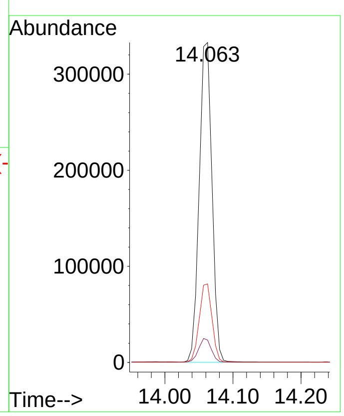




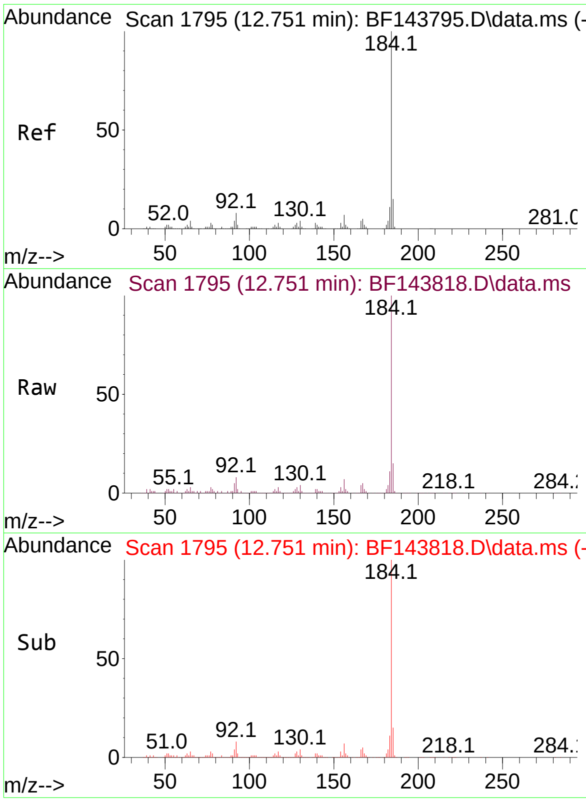
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion:240 Resp: 435935

Ion	Ratio	Lower	Upper
240	100		
120	7.0	6.2	9.4
236	24.5	19.4	29.2



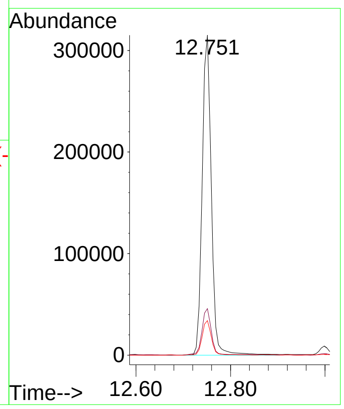
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD

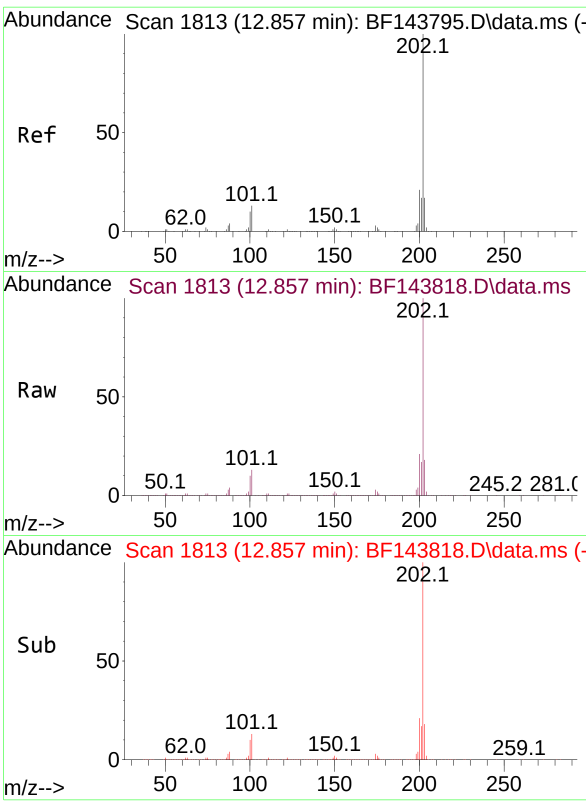


#77
Benzidine
Concen: 39.859 ng
RT: 12.751 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion:184 Resp: 423409

Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.6	17.4
183	10.8	8.6	13.0

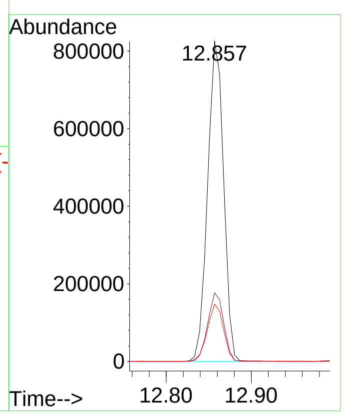




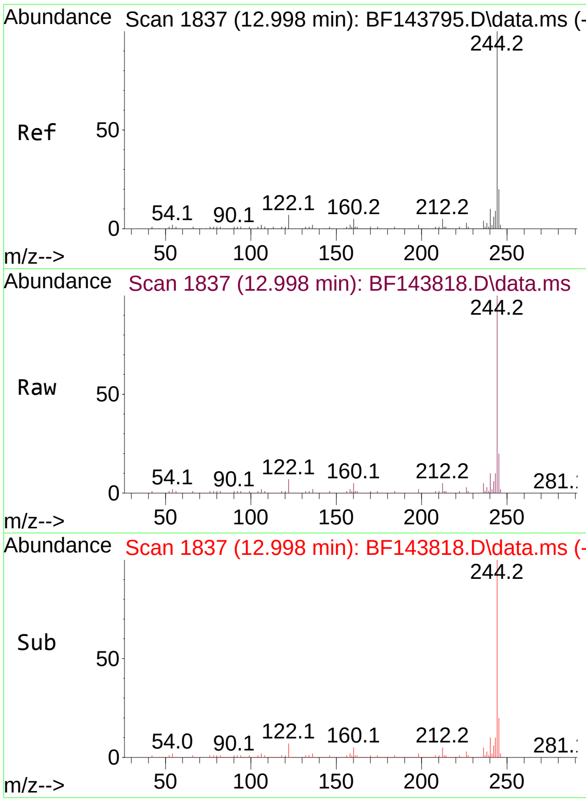
#78
Pyrene
Concen: 50.222 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion:202 Resp: 1076385

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.0	25.4
203	17.9	13.9	20.9



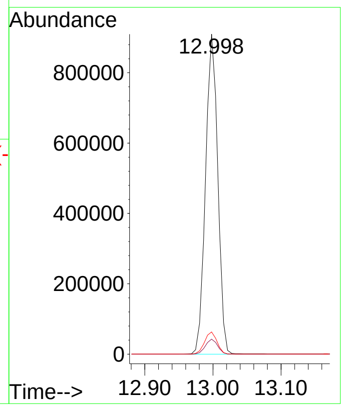
Instrument : BNA_F
ClientSampleId : EME-TS14-01MSD

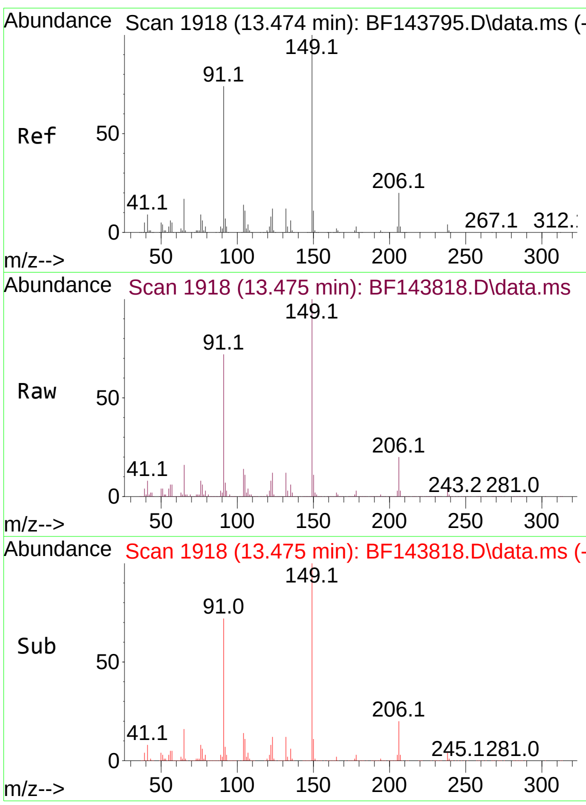


#79
Terphenyl-d14
Concen: 53.148 ng
RT: 12.998 min Scan# 18
Delta R.T. -0.006 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion:244 Resp: 1139227

Ion	Ratio	Lower	Upper
244	100		
212	4.7	3.9	5.9
122	6.9	5.6	8.4

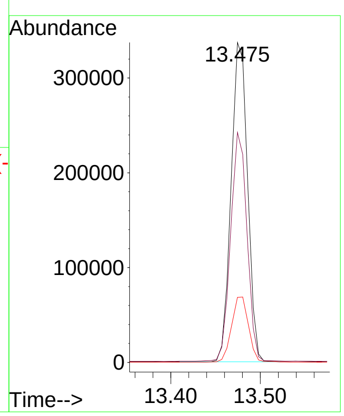




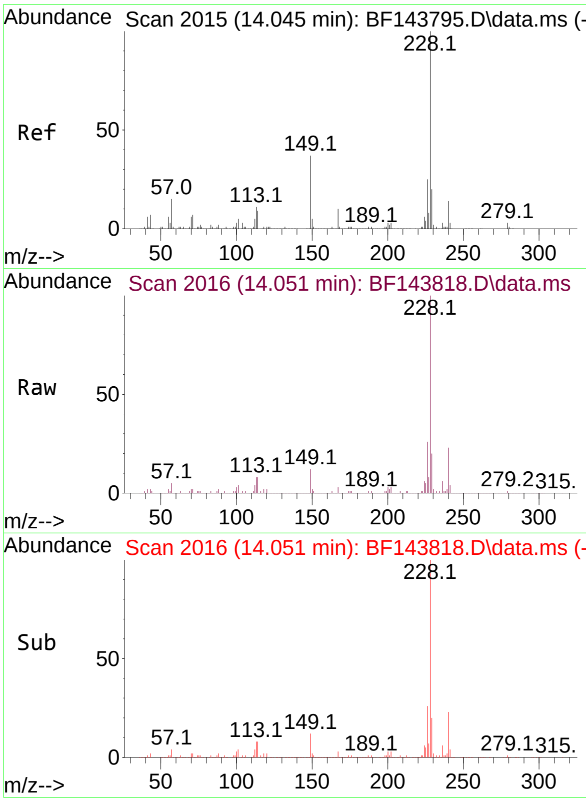
#80
Butylbenzylphthalate
Concen: 58.241 ng
RT: 13.475 min Scan# 1918
Delta R.T. -0.006 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion:149 Resp: 431860

Ion	Ratio	Lower	Upper
149	100		
91	71.9	59.5	89.3
206	20.3	16.1	24.1



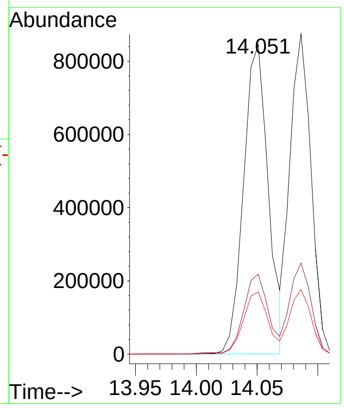
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD

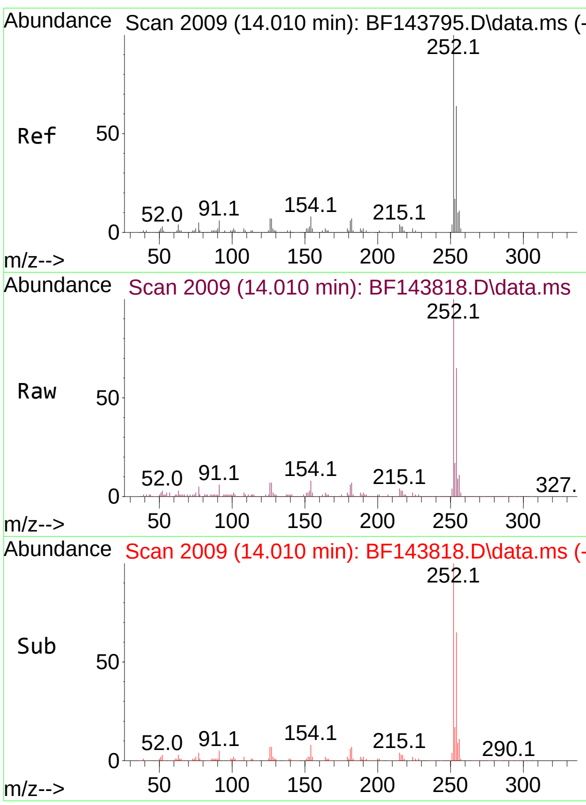


#81
Benzo(a)anthracene
Concen: 51.150 ng
RT: 14.051 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion:228 Resp: 1197901

Ion	Ratio	Lower	Upper
228	100		
226	25.8	20.2	30.2
229	20.1	16.1	24.1

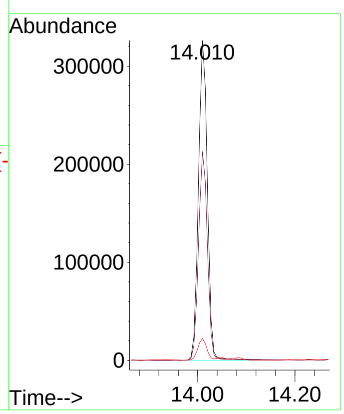




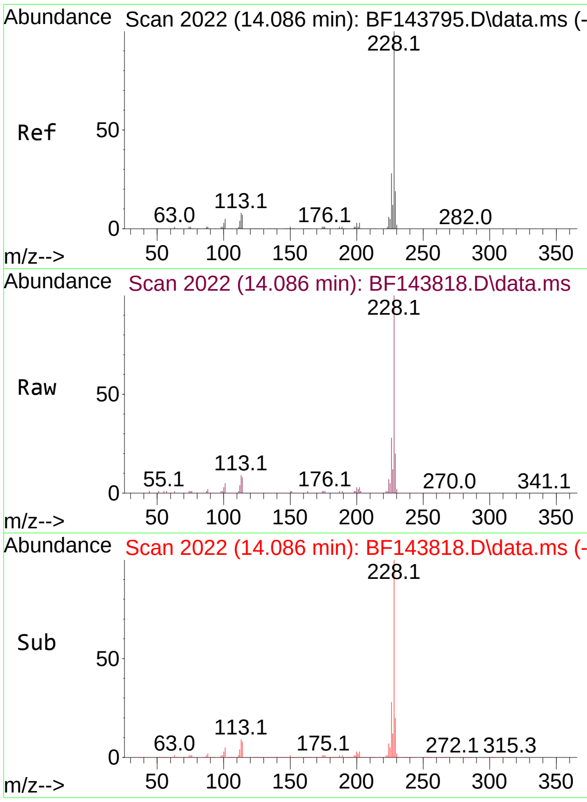
#82
3,3'-Dichlorobenzidine
Concen: 40.930 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion:252 Resp: 415267

Ion	Ratio	Lower	Upper
252	100		
254	65.2	51.5	77.3
126	6.8	5.4	8.2



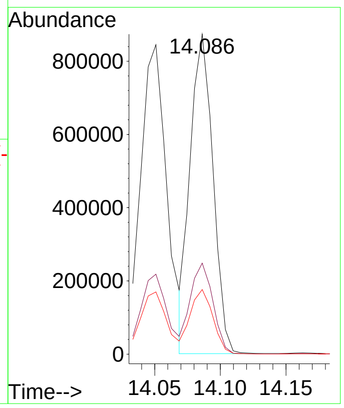
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD

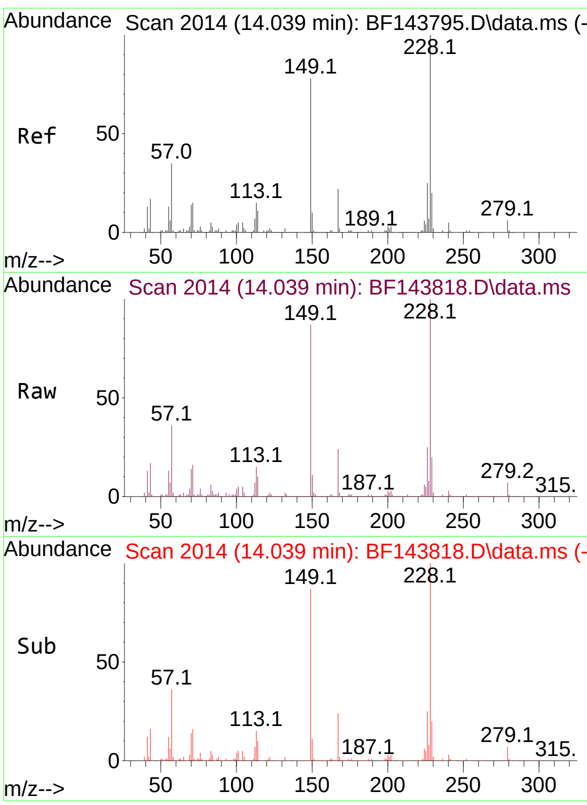


#83
Chrysene
Concen: 49.840 ng
RT: 14.086 min   Scan# 20
Delta R.T.   0.000 min
Lab File: BF143818.D
Acq: 25 Sep 2025   22:20

Tgt Ion:228 Resp: 1056176

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	33.8
229	20.2	15.6	23.4

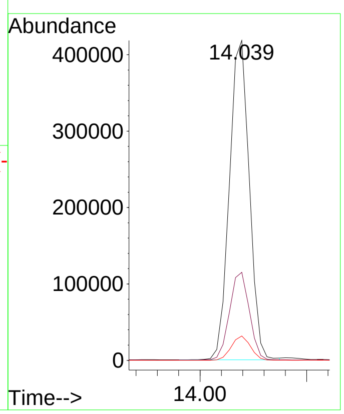




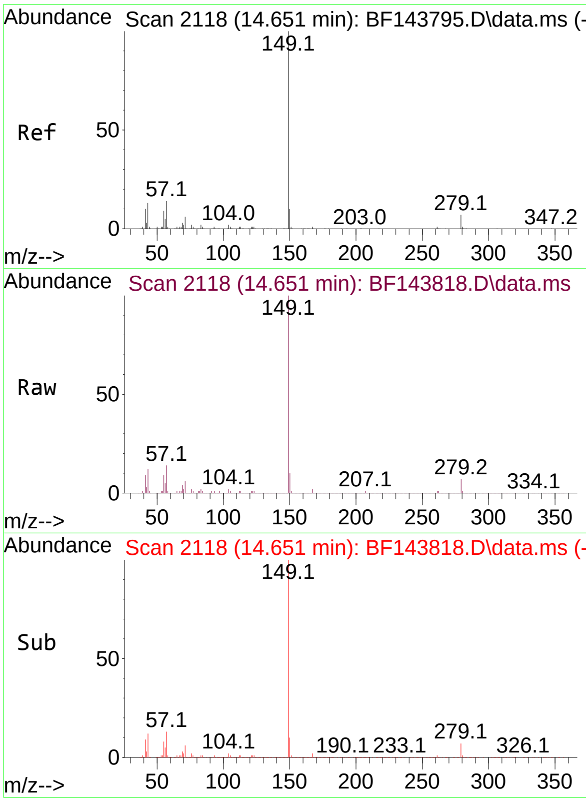
#84
Bis(2-ethylhexyl)phthalate
Concen: 49.858 ng
RT: 14.039 min   Scan# 2014
Delta R.T.   0.000 min
Lab File: BF143818.D
Acq: 25 Sep 2025   22:20

Tgt Ion:149 Resp: 541890

Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.2	33.2
279	7.6	6.0	9.0



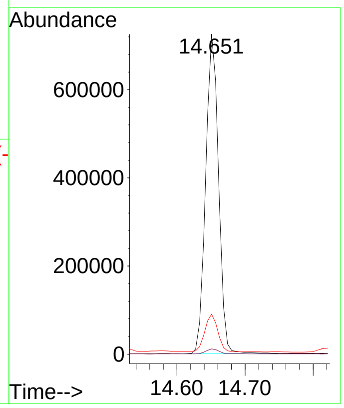
Instrument : BNA_F
ClientSampleId : EME-TS14-01MSD

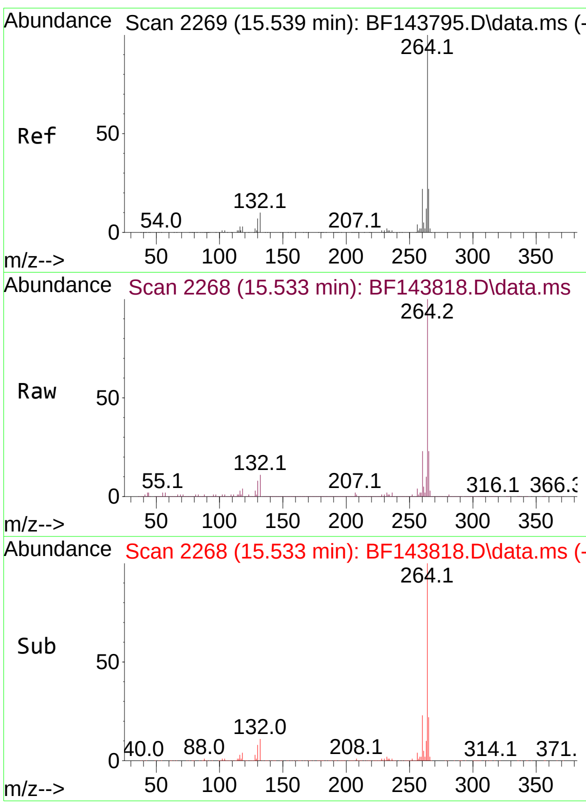


#85
Di-n-octyl phthalate
Concen: 48.560 ng
RT: 14.651 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion:149 Resp: 957368

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.1	1.7
43	12.0	10.7	16.1

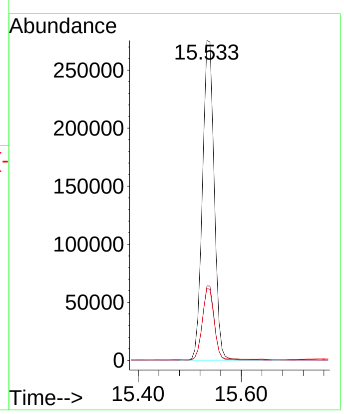




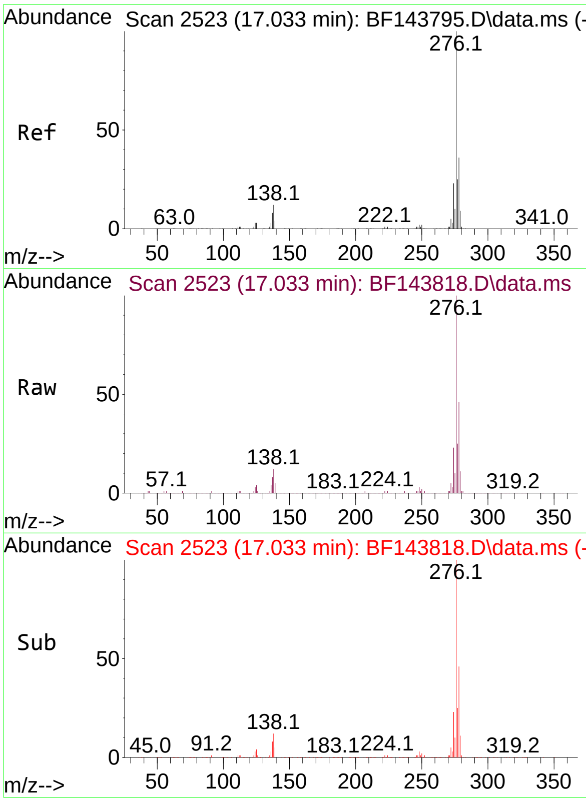
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion:264 Resp: 434629

Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.9	26.9
265	22.6	17.7	26.5



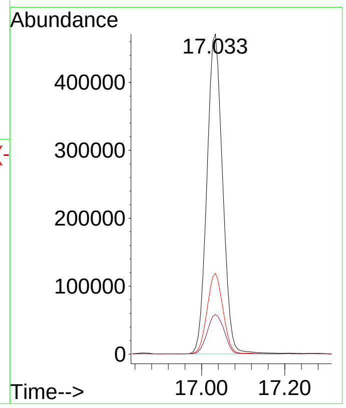
Instrument : BNA_F
ClientSampleId : EME-TS14-01MSD

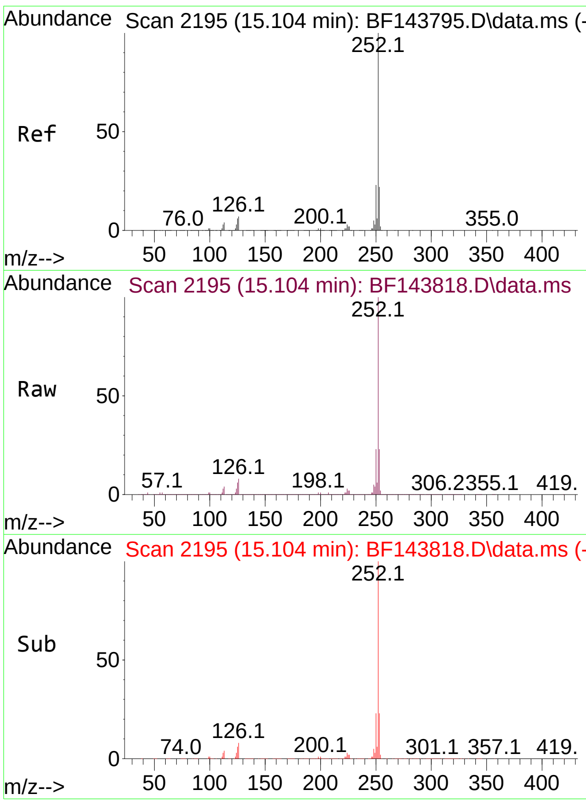


#87
Indeno(1,2,3-cd)pyrene
Concen: 37.358 ng
RT: 17.033 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion:276 Resp: 1231964

Ion	Ratio	Lower	Upper
276	100		
138	13.4	10.6	15.8
277	25.6	20.7	31.1

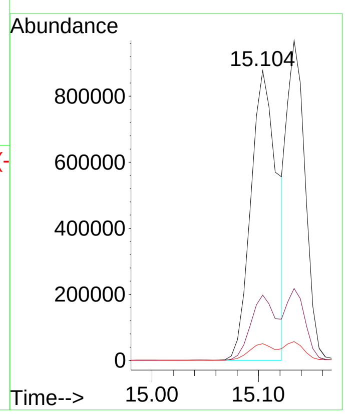




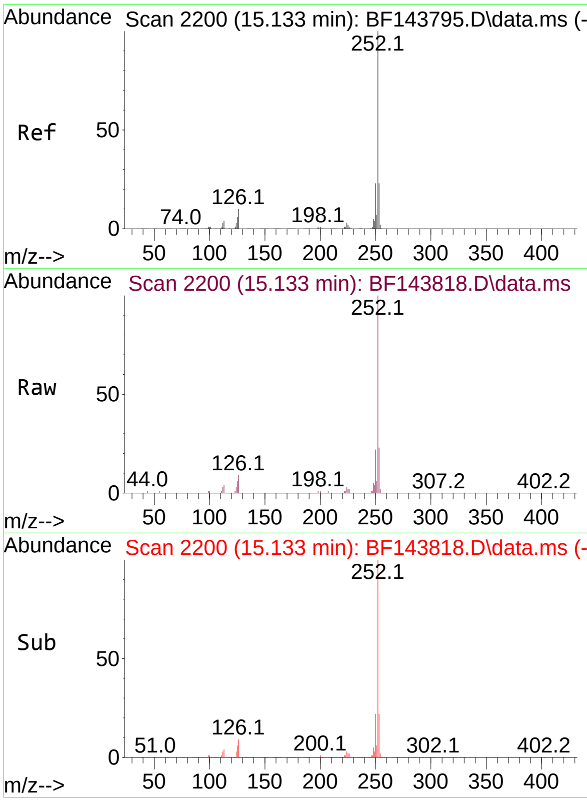
#88
Benzo(b)fluoranthene
Concen: 67.687 ng
RT: 15.104 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion:252 Resp: 1498147

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	5.8	4.4	6.6



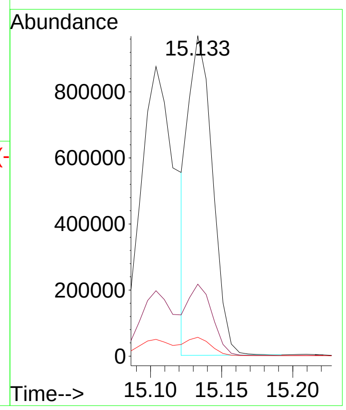
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD

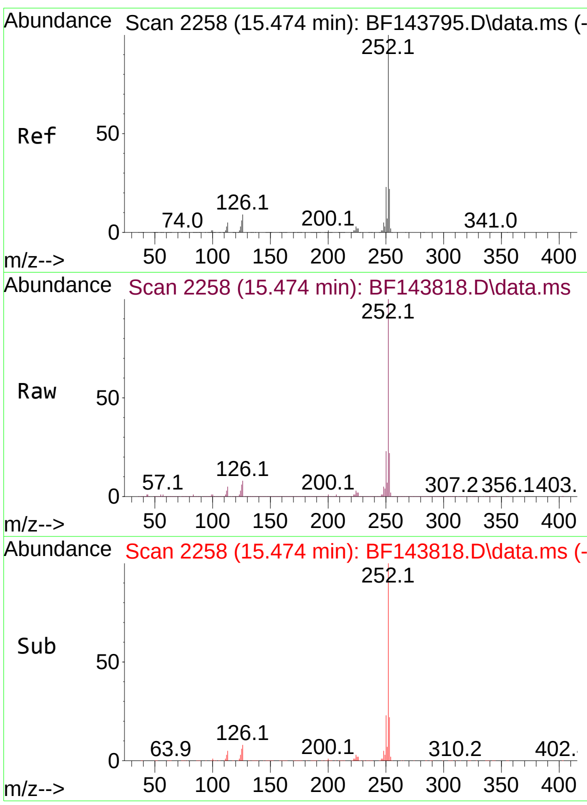


#89
Benzo(k)fluoranthene
Concen: 51.691 ng
RT: 15.133 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion:252 Resp: 1149445

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	5.9	4.6	6.8

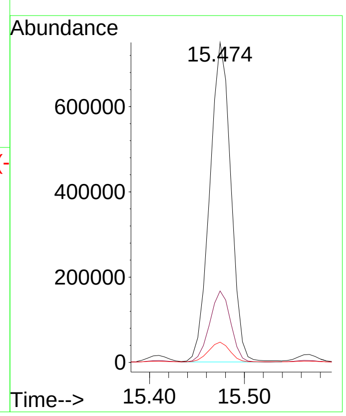




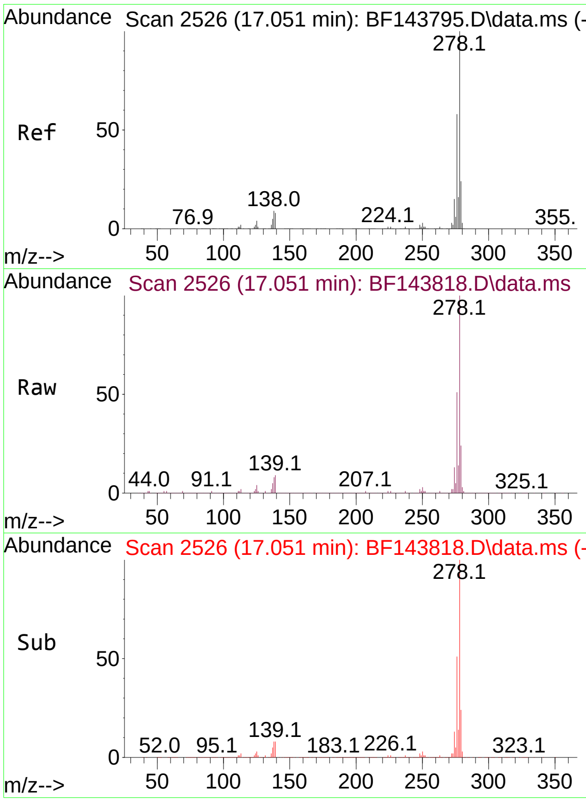
#90
Benzo(a)pyrene
Concen: 56.101 ng
RT: 15.474 min Scan# 2258
Delta R.T. -0.006 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion:252 Resp: 1167187

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	6.3	5.0	7.4



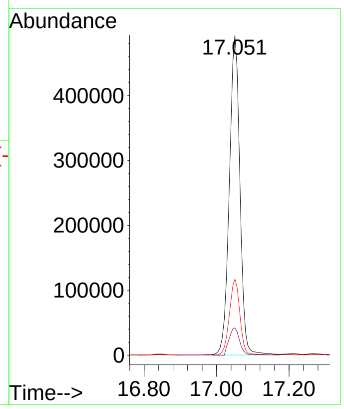
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD

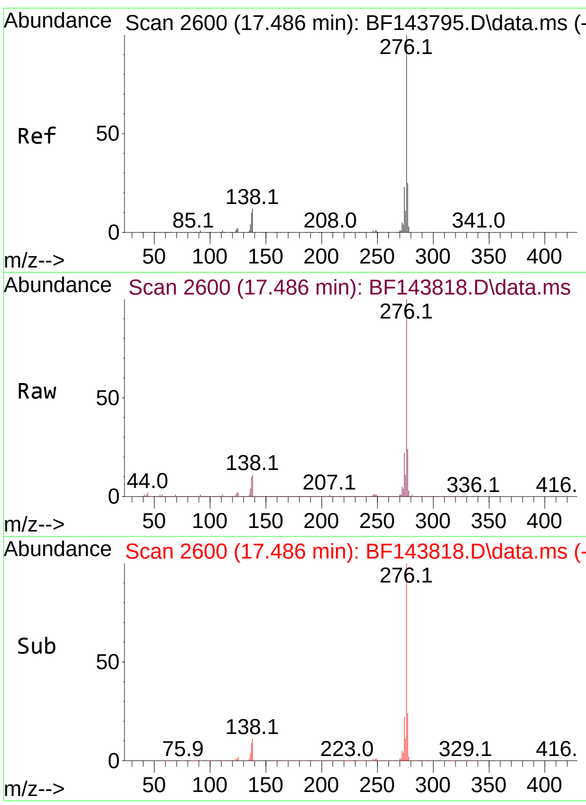


#91
Dibenzo(a,h)anthracene
Concen: 37.157 ng
RT: 17.051 min Scan# 25
Delta R.T. -0.017 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion:278 Resp: 1002210

Ion	Ratio	Lower	Upper
278	100		
139	8.5	6.7	10.1
279	23.8	19.3	28.9

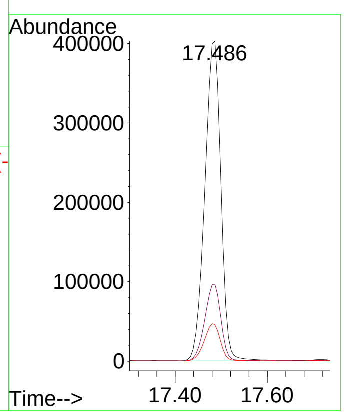




#92
Benzo(g,h,i)perylene
Concen: 37.385 ng
RT: 17.486 min Scan# 2600
Delta R.T. -0.017 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion:276 Resp: 972031

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.6	29.4
138	11.4	9.2	13.8



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

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Manual Integration Report

Sequence:	BF092325	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC020	BF143794.D	Phenol	Rahul	9/24/2025 8:52:43 AM	Jagrut	9/24/2025 9:38:18 AM	Peak Integrated by Software
SSTDICCC040	BF143795.D	Phenol	Rahul	9/24/2025 8:52:46 AM	Jagrut	9/24/2025 9:38:20 AM	Peak Integrated by Software
SSTDICC050	BF143796.D	Phenol	Rahul	9/24/2025 8:52:48 AM	Jagrut	9/24/2025 9:38:23 AM	Peak Integrated by Software
SSTDICC060	BF143797.D	Phenol	Rahul	9/24/2025 8:52:51 AM	Jagrut	9/24/2025 9:38:25 AM	Peak Integrated by Software
SSTDICC080	BF143798.D	Phenol	Rahul	9/24/2025 8:52:54 AM	Jagrut	9/24/2025 9:38:28 AM	Peak Integrated by Software
SSTDICV040	BF143799.D	Phenol	Rahul	9/24/2025 8:52:56 AM	Jagrut	9/24/2025 9:38:31 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BF092525	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BF143802.D	Phenol	Rahul	9/26/2025 9:06:37 AM	Jagrut	9/26/2025 11:07:45 AM	Peak Integrated by Software
PB169827BS	BF143804.D	Benzoic acid	Rahul	9/26/2025 9:06:40 AM	Jagrut	9/26/2025 11:07:47 AM	Peak Integrated by Software
PB169827BS	BF143804.D	Caprolactam	Rahul	9/26/2025 9:06:40 AM	Jagrut	9/26/2025 11:07:47 AM	Peak Integrated by Software
PB169827BS	BF143804.D	Phenol	Rahul	9/26/2025 9:06:40 AM	Jagrut	9/26/2025 11:07:47 AM	Peak Integrated by Software
Q3176-01	BF143813.D	Benzo(b)fluoranthene	Rahul	9/26/2025 9:07:10 AM	Jagrut	9/26/2025 11:08:07 AM	Peak Integrated by Software

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF092325

Review By	Rahul	Review On	9/24/2025 8:53:16 AM		
Supervise By	Jagrut	Supervise On	9/24/2025 9:38:53 AM		
SubDirectory	BF092325	HP Acquire Method	BNA_F	HP Processing Method	bf092325

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13175,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF143790.D	23 Sep 2025 09:31	RC/JU	Ok
2	SSTDICC2.5	BF143791.D	23 Sep 2025 10:28	RC/JU	Ok
3	SSTDICC005	BF143792.D	23 Sep 2025 10:58	RC/JU	Ok
4	SSTDICC010	BF143793.D	23 Sep 2025 11:57	RC/JU	Ok
5	SSTDICC020	BF143794.D	23 Sep 2025 12:27	RC/JU	Ok,M
6	SSTDICCC040	BF143795.D	23 Sep 2025 13:59	RC/JU	Ok,M
7	SSTDICC050	BF143796.D	23 Sep 2025 14:28	RC/JU	Ok,M
8	SSTDICC060	BF143797.D	23 Sep 2025 14:58	RC/JU	Ok,M
9	SSTDICC080	BF143798.D	23 Sep 2025 15:27	RC/JU	Ok,M
10	SSTDICV040	BF143799.D	23 Sep 2025 17:42	RC/JU	Ok,M
11	PB169751BL	BF143800.D	23 Sep 2025 18:11	RC/JU	Ok

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF092525

Review By	Rahul	Review On	9/26/2025 9:07:30 AM		
Supervise By	Jagrut	Supervise On	9/26/2025 11:08:21 AM		
SubDirectory	BF092525	HP Acquire Method	BNA_F	HP Processing Method	bf092325

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13175,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF143801.D	25 Sep 2025 12:03	RC/JU	Ok
2	SSTDCCC040	BF143802.D	25 Sep 2025 13:06	RC/JU	Ok,M
3	PB169827BL	BF143803.D	25 Sep 2025 13:46	RC/JU	Ok
4	PB169827BS	BF143804.D	25 Sep 2025 14:16	RC/JU	Ok,M
5	Q3189-01	BF143805.D	25 Sep 2025 15:51	RC/JU	Ok,M
6	Q3188-02	BF143806.D	25 Sep 2025 16:21	RC/JU	Dilution
7	Q3187-01	BF143807.D	25 Sep 2025 16:51	RC/JU	Ok,M
8	Q3188-01	BF143808.D	25 Sep 2025 17:21	RC/JU	Ok
9	Q3188-02DL	BF143809.D	25 Sep 2025 17:51	RC/JU	Ok,M
10	Q3183-01	BF143810.D	25 Sep 2025 18:21	RC/JU	Ok,M
11	Q3183-04	BF143811.D	25 Sep 2025 18:51	RC/JU	Ok,M
12	Q3183-07	BF143812.D	25 Sep 2025 19:21	RC/JU	Ok,M
13	Q3176-01	BF143813.D	25 Sep 2025 19:51	RC/JU	Ok,M
14	Q3176-02	BF143814.D	25 Sep 2025 20:21	RC/JU	Ok
15	Q3176-03	BF143815.D	25 Sep 2025 20:51	RC/JU	Ok
16	Q3178-01	BF143816.D	25 Sep 2025 21:21	RC/JU	Ok
17	Q3178-02MS	BF143817.D	25 Sep 2025 21:50	RC/JU	Ok
18	Q3178-03MSD	BF143818.D	25 Sep 2025 22:20	RC/JU	Ok

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF092325

Review By	Rahul	Review On	9/24/2025 8:53:16 AM		
Supervise By	Jagrut	Supervise On	9/24/2025 9:38:53 AM		
SubDirectory	BF092325	HP Acquire Method	BNA_F	HP Processing Method	bf092325

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13175,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF143790.D	23 Sep 2025 09:31		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BF143791.D	23 Sep 2025 10:28		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BF143792.D	23 Sep 2025 10:58		RC/JU	Ok
4	SSTDICC010	SSTDICC010	BF143793.D	23 Sep 2025 11:57		RC/JU	Ok
5	SSTDICC020	SSTDICC020	BF143794.D	23 Sep 2025 12:27		RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BF143795.D	23 Sep 2025 13:59	Compound #26,57 kept on LR & #54,65 kept on QR	RC/JU	Ok,M
7	SSTDICC050	SSTDICC050	BF143796.D	23 Sep 2025 14:28		RC/JU	Ok,M
8	SSTDICC060	SSTDICC060	BF143797.D	23 Sep 2025 14:58		RC/JU	Ok,M
9	SSTDICC080	SSTDICC080	BF143798.D	23 Sep 2025 15:27		RC/JU	Ok,M
10	SSTDICV040	ICVBF092325	BF143799.D	23 Sep 2025 17:42		RC/JU	Ok,M
11	PB169751BL	PB169751BL	BF143800.D	23 Sep 2025 18:11		RC/JU	Ok

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF092525

Review By	Rahul	Review On	9/26/2025 9:07:30 AM		
Supervise By	Jagrut	Supervise On	9/26/2025 11:08:21 AM		
SubDirectory	BF092525	HP Acquire Method	BNA_F	HP Processing Method	bf092325

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13175,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF143801.D	25 Sep 2025 12:03		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF143802.D	25 Sep 2025 13:06		RC/JU	Ok,M
3	PB169827BL	PB169827BL	BF143803.D	25 Sep 2025 13:46	Double internal standard added.	RC/JU	Ok
4	PB169827BS	PB169827BS	BF143804.D	25 Sep 2025 14:16		RC/JU	Ok,M
5	Q3189-01	72-11989	BF143805.D	25 Sep 2025 15:51		RC/JU	Ok,M
6	Q3188-02	RB22120	BF143806.D	25 Sep 2025 16:21	Need 10X dilution	RC/JU	Dilution
7	Q3187-01	228	BF143807.D	25 Sep 2025 16:51		RC/JU	Ok,M
8	Q3188-01	4135	BF143808.D	25 Sep 2025 17:21		RC/JU	Ok
9	Q3188-02DL	RB22120DL	BF143809.D	25 Sep 2025 17:51		RC/JU	Ok,M
10	Q3183-01	WC-1	BF143810.D	25 Sep 2025 18:21		RC/JU	Ok,M
11	Q3183-04	WC-4	BF143811.D	25 Sep 2025 18:51		RC/JU	Ok,M
12	Q3183-07	WC-3	BF143812.D	25 Sep 2025 19:21		RC/JU	Ok,M
13	Q3176-01	EME-TS12-01	BF143813.D	25 Sep 2025 19:51		RC/JU	Ok,M
14	Q3176-02	EME-TS13-01	BF143814.D	25 Sep 2025 20:21		RC/JU	Ok
15	Q3176-03	EME-TS14-02	BF143815.D	25 Sep 2025 20:51		RC/JU	Ok
16	Q3178-01	EME-TS14-01	BF143816.D	25 Sep 2025 21:21	Double Internal Standard Added by Mistake.	RC/JU	Ok
17	Q3178-02MS	EME-TS14-01MS	BF143817.D	25 Sep 2025 21:50		RC/JU	Ok

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Fax : 908 789 8922

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF092525

Review By	Rahul	Review On	9/26/2025 9:07:30 AM		
Supervise By	Jagrut	Supervise On	9/26/2025 11:08:21 AM		
SubDirectory	BF092525	HP Acquire Method	BNA_F	HP Processing Method	bf092325

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13175,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q3178-03MSD	EME-TS14-01MSD	BF143818.D	25 Sep 2025 22:20		RC/JU	Ok

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: JIGNESH
Date: 9/25/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 09/24/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:37
Out Date: 09/25/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB137296

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
Q3170-01	MOD-25-0271	1	1.00	1.00	2.00	2.00	100.0	oil sample
Q3170-02	MOD-25-0271	2	1.00	1.00	2.00	2.00	100.0	oil sample
Q3176-01	EME-TS12-01	3	1.15	10.61	11.76	8.16	66.1	
Q3176-02	EME-TS13-01	4	1.18	10.37	11.55	8.27	68.4	
Q3176-03	EME-TS14-02	5	1.13	10.35	11.48	8.37	70.0	
Q3178-01	EME-TS14-01	6	1.13	10.74	11.87	8.8	71.4	
Q3178-02	EME-TS14-01MS	7	1.13	10.74	11.87	8.8	71.4	
Q3178-03	EME-TS14-01MSD	8	1.13	10.74	11.87	8.8	71.4	
Q3183-01	WC-1	9	1.18	10.41	11.59	10.09	85.6	
Q3183-02	WC-1-EPH	10	1.19	10.43	11.62	10.19	86.3	
Q3183-03	WC-1-VOC	11	1.13	10.60	11.73	10.55	88.9	
Q3183-04	WC-4	12	1.19	10.56	11.75	10.6	89.1	
Q3183-05	WC-4-EPH	13	1.19	10.49	11.68	9.77	81.8	
Q3183-06	WC-4-VOC	14	1.18	10.63	11.81	10.42	86.9	
Q3183-07	WC-3	15	1.13	10.42	11.55	9.8	83.2	
Q3183-08	WC-3-EPH	16	1.13	10.49	11.62	9.79	82.6	
Q3183-09	WC-3-VOC	17	1.19	10.55	11.74	10.96	92.6	
Q3185-01	Y2404-0048-1-1	18	1.00	1.00	2.00	2.00	100.0	PILC
Q3185-02	Y2404-0048-1-2	19	1.00	1.00	2.00	2.00	100.0	PILC
Q3185-03	KMH392P-1-1	20	1.00	1.00	2.00	2.00	100.0	PILC
Q3185-04	KMH392P-1-2	21	1.00	1.00	2.00	2.00	100.0	PILC
Q3185-05	EFB430R-1-1	22	1.00	1.00	2.00	2.00	100.0	PILC
Q3185-06	EFB430R-1-2	23	1.00	1.00	2.00	2.00	100.0	PILC
Q3185-07	4125-A	24	1.00	1.00	2.00	2.00	100.0	PILC
Q3185-08	4125-B	25	1.00	1.00	2.00	2.00	100.0	PILC
Q3185-09	4125-C	26	1.00	1.00	2.00	2.00	100.0	PILC
Q3185-10	4125-D	27	1.00	1.00	2.00	2.00	100.0	PILC
Q3185-11	4125-E	28	1.00	1.00	2.00	2.00	100.0	PILC

PERCENT SOLID

Supervisor: Iwona
Analyst: JIGNESH
Date: 9/25/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 09/24/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:37
Out Date: 09/25/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB137296

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
Q3185-12	4126-A	29	1.00	1.00	2.00	2.00	100.0	PILC
Q3185-13	4126-B	30	1.00	1.00	2.00	2.00	100.0	PILC
Q3185-14	4126-C	31	1.00	1.00	2.00	2.00	100.0	PILC
Q3185-15	4126-D	32	1.00	1.00	2.00	2.00	100.0	PILC
Q3185-16	4126-E	33	1.00	1.00	2.00	2.00	100.0	PILC
Q3186-01	Y2404-0043-1-1	34	1.00	1.00	2.00	2.00	100.0	PILC
Q3186-02	Y2404-0043-1-2	35	1.00	1.00	2.00	2.00	100.0	PILC
Q3186-03	KMA695Y-1-1	36	1.00	1.00	2.00	2.00	100.0	PILC
Q3186-04	KMA695Y-1-2	37	1.00	1.00	2.00	2.00	100.0	PILC
Q3187-01	228	38	1.19	10.67	11.86	10.96	91.6	
Q3187-02	228-E2	39	1.14	10.49	11.63	10.32	87.5	
Q3188-01	4135	40	1.00	1.00	2.00	2.00	100.0	debris
Q3188-02	RB22120	41	1.18	10.32	11.5	10.88	94.0	
Q3188-03	RB22120	42	1.16	10.60	11.76	10.92	92.1	
Q3189-01	72-11989	43	1.15	10.84	11.99	11.33	93.9	
Q3189-02	72-11989-E2	44	1.11	10.67	11.78	11.44	96.8	
Q3191-01	459	45	1.00	1.00	2.00	2.00	100.0	oil sample
Q3192-01	RB104	46	1.15	10.91	12.06	11.49	94.8	
Q3192-02	RB105	47	1.13	10.80	11.93	11.26	93.8	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

VB 137296

WorkList Name : %1-092425 **WorkList ID :** 192050 **Department :** Wet-Chemistry **Date :** 09-24-2025 13:11:45

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3170-01	MOD-25-0271	Solid	Percent Solids	Cool 4 deg C	PSEG03	J11	09/23/2025	Chemtech -SO
Q3170-02	MOD-25-0271	Solid	Percent Solids	Cool 4 deg C	PSEG03	J11	09/23/2025	Chemtech -SO
Q3176-01	EME-TS12-01	Solid	Percent Solids	Cool 4 deg C	ROYF02	J43	09/23/2025	Chemtech -SO
Q3176-02	EME-TS13-01	Solid	Percent Solids	Cool 4 deg C	ROYF02	J43	09/23/2025	Chemtech -SO
Q3176-03	EME-TS14-02	Solid	Percent Solids	Cool 4 deg C	ROYF02	J43	09/23/2025	Chemtech -SO
Q3178-01	EME-TS14-01	Solid	Percent Solids	Cool 4 deg C	ROYF02	J33	09/23/2025	Chemtech -SO
Q3178-02	EME-TS14-01MS	Solid	Percent Solids	Cool 4 deg C	ROYF02	J33	09/23/2025	Chemtech -SO
Q3178-03	EME-TS14-01MSD	Solid	Percent Solids	Cool 4 deg C	ROYF02	J33	09/23/2025	Chemtech -SO
Q3183-01	WC-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	J32	09/24/2025	Chemtech -SO
Q3183-02	WC-1-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	J32	09/24/2025	Chemtech -SO
Q3183-03	WC-1-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	J32	09/24/2025	Chemtech -SO
Q3183-04	WC-4	Solid	Percent Solids	Cool 4 deg C	PSEG03	J32	09/24/2025	Chemtech -SO
Q3183-05	WC-4-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	J32	09/24/2025	Chemtech -SO
Q3183-06	WC-4-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	J32	09/24/2025	Chemtech -SO
Q3183-07	WC-3	Solid	Percent Solids	Cool 4 deg C	PSEG03	J32	09/24/2025	Chemtech -SO
Q3183-08	WC-3-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	J32	09/24/2025	Chemtech -SO
Q3183-09	WC-3-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	J32	09/24/2025	Chemtech -SO
Q3185-01	Y2404-0048-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	J41	09/24/2025	Chemtech -SO
Q3185-02	Y2404-0048-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	J41	09/24/2025	Chemtech -SO
Q3185-03	KMH392P-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	J41	09/24/2025	Chemtech -SO
Q3185-04	KMH392P-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	J41	09/24/2025	Chemtech -SO

Date/Time 09/24/25 15:25

Raw Sample Received by: JB CWC

Raw Sample Relinquished by: CR

Date/Time 09/24/25 17:35

Raw Sample Received by: [illegible]

Raw Sample Relinquished by: JB CWC

Page 1 of 3

18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

WORKLIST(Hardcopy Internal Chain)

VB137296

WorkList Name : %1-092425 **WorkList ID :** 192050 **Department :** Wet-Chemistry **Date :** 09-24-2025 13:11:45

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3185-05	EFB430R-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	J41	09/24/2025	Chemtech -SO
Q3185-06	EFB430R-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	J41	09/24/2025	Chemtech -SO
Q3185-07	4125-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	J41	09/24/2025	Chemtech -SO
Q3185-08	4125-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	J41	09/24/2025	Chemtech -SO
Q3185-09	4125-C	Solid	Percent Solids	Cool 4 deg C	PSEG03	J41	09/24/2025	Chemtech -SO
Q3185-10	4125-D	Solid	Percent Solids	Cool 4 deg C	PSEG03	J41	09/24/2025	Chemtech -SO
Q3185-11	4125-E	Solid	Percent Solids	Cool 4 deg C	PSEG03	J41	09/24/2025	Chemtech -SO
Q3185-12	4126-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	J41	09/24/2025	Chemtech -SO
Q3185-13	4126-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	J41	09/24/2025	Chemtech -SO
Q3185-14	4126-C	Solid	Percent Solids	Cool 4 deg C	PSEG03	J41	09/24/2025	Chemtech -SO
Q3185-15	4126-D	Solid	Percent Solids	Cool 4 deg C	PSEG03	J41	09/24/2025	Chemtech -SO
Q3185-16	4126-E	Solid	Percent Solids	Cool 4 deg C	PSEG03	J41	09/24/2025	Chemtech -SO
Q3186-01	Y2404-0043-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	J41	09/24/2025	Chemtech -SO
Q3186-02	Y2404-0043-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	J42	09/24/2025	Chemtech -SO
Q3186-03	KMA695Y-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	J42	09/24/2025	Chemtech -SO
Q3186-04	KMA695Y-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	J42	09/24/2025	Chemtech -SO
Q3187-01	228	Solid	Percent Solids	Cool 4 deg C	PSEG03	J42	09/24/2025	Chemtech -SO
Q3187-02	228-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	J11	09/24/2025	Chemtech -SO
Q3188-01	4135	Solid	Percent Solids	Cool 4 deg C	PSEG03	J11	09/24/2025	Chemtech -SO
Q3188-02	RB22120	Solid	Percent Solids	Cool 4 deg C	PSEG03	J12	09/24/2025	Chemtech -SO
Q3188-03	RB22120	Solid	Percent Solids	Cool 4 deg C	PSEG03	J12	09/24/2025	Chemtech -SO

Date/Time 09/24/25 15:25
Raw Sample Received by: JP CWC
Raw Sample Relinquished by:

Date/Time 09/24/25 17:35
Raw Sample Received by:
Raw Sample Relinquished by: (CWC)

18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

WORKLIST(Hardcopy Internal Chain) VB 137296

WorkList Name : %1-092425 **WorkList ID :** 192050 **Department :** Wet-Chemistry **Date :** 09-24-2025 13:11:45

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3189-01	72-11989	Solid	Percent Solids	Cool 4 deg C	PSEG03		09/24/2025	Chemtech -SO
Q3189-02	72-11989-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	I63	09/24/2025	Chemtech -SO
Q3191-01	459	Solid	Percent Solids	Cool 4 deg C	PSEG03	J41	09/25/2025	Chemtech -SO
Q3192-01	RB104	Solid	Percent Solids	Cool 4 deg C	GENV01	J13	09/24/2025	Chemtech -SO
Q3192-02	RB105	Solid	Percent Solids	Cool 4 deg C	GENV01	J13	09/24/2025	Chemtech -SO

Date/Time 09/24/25 15:23

Raw Sample Received by: SB WC

Raw Sample Relinquished by: CR Sm

Date/Time 09/24/25 17:35

Raw Sample Received by: CR Sm

Raw Sample Relinquished by: SB WC

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB169827

SOP ID: M3541-ASE Extraction-15

Clean Up SOP #: N/A

Matrix : Solid

Weigh By: EH

Balance check: EH

Balance ID: EX-SC-2

pH Strip Lot#: N/A

Extraction By: RJ

Filter By: RJ

pH Meter ID: N/A

Hood ID: 3,7

Extraction Start Date : 09/25/2025

Extraction Start Time : 09:25

Extraction End Date : 09/25/2025

Extraction End Time : 12:40

Concentration By: EH

Supervisor By : ritesh

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	SP6865
Surrogate	1.0ML	100/150 PPM	SP6869
N/A	N/A	N/A	N/A
N/A	1.0ML	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	EP2641
Baked Na2SO4	N/A	EP2639
Methylene Chloride	N/A	E3973
Sand	N/A	E3951
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5ML Vial Lot # 2210443. Q3188-01 used Limited volume as sample is Oily Debris.

KD Bath ID: N/A

KD Bath Temperature: N/A

Envap ID: NEVAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
9/25/25	RJ CExt-(ab)	RcB voc
12:45	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB169827

Analytical Method: M3541-ASE Extraction-15

Concentration Date: 09/25/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB169827BL	SBLK827	SVOC-TCL BNA -20	30.01	N/A	ritesh	Evelyn	1			U1-1
PB169827BS	SLCS827	SVOC-TCL BNA -20	30.02	N/A	ritesh	Evelyn	1			2
Q3176-01	EME-TS12-01	SVOC-TCL BNA -20	30.03	N/A	ritesh	Evelyn	1	F		3
Q3176-02	EME-TS13-01	SVOC-TCL BNA -20	30.06	N/A	ritesh	Evelyn	1	F		4
Q3176-03	EME-TS14-02	SVOC-TCL BNA -20	30.04	N/A	ritesh	Evelyn	1	F		5
Q3178-01	EME-TS14-01	SVOC-TCL BNA -20	30.07	N/A	ritesh	Evelyn	1	F		6
Q3178-02	EME-TS14-01MS	SVOC-TCL BNA -20	30.02	N/A	ritesh	Evelyn	1	F		U2-1
Q3178-03	EME-TS14-01MSD	SVOC-TCL BNA -20	30.05	N/A	ritesh	Evelyn	1	F		2
Q3183-01	WC-1	SVOC-TCL BNA -20	50.08	N/A	ritesh	Evelyn	1	E		3
Q3183-04	WC-4	SVOC-TCL BNA -20	50.02	N/A	ritesh	Evelyn	1	E		4
Q3183-07	WC-3	SVOC-TCL BNA -20	50.09	N/A	ritesh	Evelyn	1	E		5
Q3187-01	228	SVOC-TCL BNA -20	50.05	N/A	ritesh	Evelyn	1	E	Small Particles + Soil	6
Q3188-01	4135	SVOC-TCL BNA -20	5.03	N/A	ritesh	Evelyn	1	E	Oily Debris	U3-1
Q3188-02	RB22120	SVOC-TCL BNA -20	50.07	N/A	ritesh	Evelyn	1	E		2
Q3189-01	72-11989	SVOC-TCL BNA -20	50.04	N/A	ritesh	Evelyn	1	E		3

RJ
9/25

* **Extracts relinguished on the same date as received.**

Q3176-SVOC-TCL BNA -20

162924 9:25

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3176 **WorkList ID :** 192070 **Department :** Extraction **Date :** 09-25-2025 09:03:29

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3176-01	EME-TS12-01	Solid	SVOC-TCL BNA -20	Cool 4 deg C	ROYF02	J43	09/23/2025	8270E
Q3176-02	EME-TS13-01	Solid	SVOC-TCL BNA -20	Cool 4 deg C	ROYF02	J43	09/23/2025	8270E
Q3176-03	EME-TS14-02	Solid	SVOC-TCL BNA -20	Cool 4 deg C	ROYF02	J43	09/23/2025	8270E
Q3178-01	EME-TS14-01	Solid	SVOC-TCL BNA -20	Cool 4 deg C	ROYF02	J33	09/23/2025	8270E
Q3178-02	EME-TS14-01MS	Solid	SVOC-TCL BNA -20	Cool 4 deg C	ROYF02	J33	09/23/2025	8270E
Q3178-03	EME-TS14-01MSD	Solid	SVOC-TCL BNA -20	Cool 4 deg C	ROYF02	J33	09/23/2025	8270E
Q3183-01	WC-1	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	J32	09/24/2025	8270E
Q3183-04	WC-4	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	J32	09/24/2025	8270E
Q3183-07	WC-3	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	J32	09/24/2025	8270E
Q3187-01	228	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	J11	09/24/2025	8270E
Q3188-01	4135	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	J12	09/24/2025	8270E
Q3188-02	RB22120	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	J12	09/24/2025	8270E
Q3189-01	72-11989	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03		09/24/2025	8270E

Date/Time 9/25/25 9:20
Raw Sample Received by: RJ CEH-lab
Raw Sample Relinquished by: CP Sn

Date/Time 9/25/25 9:40
Raw Sample Received by: CP Sn
Raw Sample Relinquished by: RJ CEH-lab

18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

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

Prep Standard - Chemical Standard Summary

Order ID : Q3176

Test : SVOC-TCL BNA -20

Prepbatch ID : PB169827,

Sequence ID/Qc Batch ID: BF092525,

Standard ID :
EP2639,EP2641,SP6757,SP6856,SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864,SP6865,SP6869,SP6871,SP6872,

Chemical ID :
10ul/1000ul sample,E3875,E3904,E3932,E3951,E3954,E3965,E3972,E3973,S11073,S11484,S11652,S11807,S11808,S12197,S12199,S12200,S12201,S12220,S12221,S12245,S12306,S12307,S12507,S12508,S12552,S12553,S12554,S12555,S12556,S12557,S12558,S12559,S12560,S12577,S12739,S12776,S12903,S12904,S12905,S13089,S13090,S13091,S13092,S13093,S13094,S13095,S13096,S13097,S13118,S13119,S13120,S13149,S13160,S13170,S13175,S13207,S13214,S13233,S13239,S13240,S13241,S13242,S13243,S13244,S13269,

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

Extractions STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3923	Baked Sodium Sulfate	EP2639	09/12/2025	01/28/2026	Riteshkumar Patel	Extraction_SCALE_2 (EX-SC-2)	None	Evelyn Huang 09/12/2025

FROM 4000.00000gram of E3875 = 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	EP2641	09/16/2025	03/16/2026	Evelyn Huang	None	None	Riteshkumar Patel 09/16/2025

FROM 8000.00000ml of E3972 + 8000.00000ml of E3973 = Final Quantity: 16000.000 ml

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

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
4215	New 8270E/625.1 ICAL Stock Solution 100 ng	SP6856	08/12/2025	12/16/2025	Jagrut Upadhyay	None	None	mohammad ahmed 08/22/2025

FROM 0.04000ml of S13207 + 0.20000ml of S12197 + 0.30000ml of S12306 + 0.40000ml of S12220 + 0.50000ml of S11807 + 0.50000ml of S12245 + 0.50000ml of S12776 + 0.50000ml of S13214 + 0.50000ml of S13233 + 0.70000ml of S12307 + 1.00000ml of S12739 + 4.86000ml of E3954 = 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
4216	80ng ICC	SP6857	08/12/2025	12/16/2025	Jagrut Upadhyay	None	None	mohammad ahmed 08/22/2025

FROM 0.01000ml of S13170 + 0.20000ml of E3954 + 0.80000ml of SP6856 = Final Quantity: 1.010 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
4217	60ng ICC	SP6858	08/12/2025	12/16/2025	Jagrut Upadhyay	None	None	mohammad ahmed 08/22/2025

FROM 0.01000ml of S13170 + 0.40000ml of E3954 + 0.60000ml of SP6856 = 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
4218	50ng ICC	SP6859	08/12/2025	12/16/2025	Jagrut Upadhyay	None	None	mohammad ahmed 08/22/2025

FROM 0.01000ml of S13170 + 0.50000ml of E3954 + 0.50000ml of SP6856 = Final Quantity: 1.010 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
4219	40ng ICC	SP6860	08/12/2025	12/16/2025	Jagrut Upadhyay	None	None	mohammad ahmed 08/22/2025

FROM 0.01000ml of S13170 + 0.60000ml of E3954 + 0.40000ml of SP6856 = 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
4220	20ng ICC	SP6861	08/12/2025	12/16/2025	Jagrut Upadhyay	None	None	mohammad ahmed 08/22/2025

FROM 0.01000ml of S13170 + 0.80000ml of E3954 + 0.20000ml of SP6856 = Final Quantity: 1.010 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
4221	10ng ICC	SP6862	08/12/2025	12/16/2025	Jagrut Upadhyay	None	None	mohammad ahmed 08/22/2025

FROM 0.01000ml of S13170 + 0.75000ml of E3954 + 0.25000ml of SP6860 = 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
4222	5ng ICC	SP6863	08/12/2025	12/16/2025	Jagrut Upadhyay	None	None	mohammad ahmed 08/22/2025

FROM 0.01000ml of S13170 + 0.87500ml of E3954 + 0.12500ml of SP6860 = Final Quantity: 1.010 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
4223	2.5ng ICC	SP6864	08/12/2025	12/16/2025	Jagrut Upadhyay	None	None	mohammad ahmed 08/22/2025

FROM 0.01000ml of S13170 + 0.50000ml of E3954 + 0.50000ml of SP6863 = 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	SP6865	08/25/2025	10/30/2025	Jagrut Upadhyay	None	None	Rahul Chavli 08/26/2025

FROM 0.40000ml of S11484 + 0.40000ml of S11652 + 0.40000ml of S12552 + 0.40000ml of S13149 + 0.40000ml of S13160 + 0.40000ml of S13207 + 0.90000ml of S12507 + 0.90000ml of S13089 + 1.10000ml of S13120 + 1.20000ml of S12553 + 1.20000ml of S12554 + 1.20000ml of S12555 + 1.20000ml of S12556 + 1.20000ml of S12557 + 1.20000ml of S12558 + 1.20000ml of S12559 + 1.20000ml of S13269 + 1.30000ml of S11808 + 1.30000ml of S12508 + 1.30000ml of S13090 + 1.30000ml of S13091 + 1.30000ml of S13092 + 1.30000ml of S13093 + 1.30000ml of S13094 + 1.30000ml of S13095 + 1.30000ml of S13096 + 1.30000ml of S13118 + 1.30000ml of S13119 + 1.30000ml of S13239 + 1.30000ml of S13240 + 1.30000ml of S13241 + 1.30000ml of S13242 + 1.30000ml of S13243 + 1.30000ml of S13244 + 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	SP6869	09/10/2025	01/02/2026	Jagrut Upadhyay	None	None	Rahul Chavli 09/16/2025

FROM 3.00000ml of S12197 + 3.00000ml of S12220 + 5.60000ml of S12221 + 5.60000ml of S12903 + 5.80000ml of S12904 + 6.00000ml of S12199 + 6.00000ml of S12200 + 965.00000ml of E3965 = Final Quantity: 1000.000 ml

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SVOC STANDARD PREPARATION LOG

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)	SP6871	09/22/2025	11/16/2025	Jagrut Upadhyay	None	None	Yogesh Patel 09/27/2025

FROM 0.04000ml of S12201 + 0.08000ml of S12905 + 0.10000ml of S11073 + 0.20000ml of S12560 + 0.20000ml of S13097 + 0.20000ml of S13244 + 1.18000ml of E3973 = Final Quantity: 2.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
416	40 ng BNA ICV, 40 PPM	SP6872	09/22/2025	11/16/2025	Jagrut Upadhyay	None	None	Yogesh Patel 09/27/2025

FROM 0.01000ml of S13175 + 0.60000ml of E3973 + 0.40000ml of SP6871 = Final Quantity: 1.010 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	417203	01/28/2026	07/28/2025 / RUPESH	01/29/2025 / Rajesh	E3875
Seidler Chemical	BA-9644-A4 / Methylene Chloride,U-Resi, Cycle-Tainer (215L)	24K1762005	01/07/2026	03/13/2025 /	12/27/2024 / RUPESH	E3904
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24H1462005	11/05/2025	05/05/2025 / RUPESH	04/23/2025 / RUPESH	E3932
Seidler Chemical	BA-3382-05 / Sand, Purified (cs/4x2.5kg)	25A2756718	12/31/2028	07/09/2025 / RUPESH	04/28/2020 / RUPESH	E3951
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
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24H1462005	05/24/2027	08/22/2025 / RUPESH	08/20/2025 / RUPESH	E3965

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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)	24H1462005	05/24/2027	09/16/2025 / Evelyn	09/04/2025 / Riteshkumar	E3972

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)	25C1262005	04/16/2026	09/15/2025 / Riteshkumar	09/15/2025 / Riteshkumar	E3973

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	A0187043	11/16/2025	05/16/2025 / Jagrut	02/06/2023 / Christian	S11073

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 #
Restek	555872 / Custom Standard, pentachlorophenol Std [CS 5328-5]	A0201728	01/30/2026	07/30/2025 / Rahul	11/09/2023 / Yogesh	S11652

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

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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	02/25/2026	08/25/2025 / Jagrut	11/21/2023 / rahul	S11808

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	03/10/2026	09/10/2025 / Jagrut	03/15/2024 / Rahul	S12199

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	03/10/2026	09/10/2025 / Jagrut	03/15/2024 / Rahul	S12200

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	03/22/2026	09/22/2025 / Jagrut	03/15/2024 / Rahul	S12201

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

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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	03/10/2026	09/10/2025 / Jagrut	03/15/2024 / Rahul	S12221

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30409 / Pyridine, 2000 PPM in P & T Methanol	A0206650	12/16/2025	06/16/2025 / Jagrut	05/14/2024 / Rahul	S12245

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31902 / CLP/SVOA Additions Mix (Atrazine, Benzaldehyde, Caprolactam) 1000ug/mL	A0206859	01/31/2026	08/12/2025 / Jagrut	05/30/2024 / Rahul	S12306

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31902 / CLP/SVOA Additions Mix (Atrazine, Benzaldehyde, Caprolactam) 1000ug/mL	A0206859	01/31/2026	08/12/2025 / Jagrut	05/30/2024 / Rahul	S12307

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

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	02/25/2026	08/25/2025 / Jagrut	07/23/2024 / RAHUL	S12508

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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	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	555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2]	A0214017	02/25/2026	08/25/2025 / Jagrut	07/23/2024 / RAHUL	S12553

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	02/25/2026	08/25/2025 / Jagrut	07/23/2024 / RAHUL	S12554

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	02/25/2026	08/25/2025 / Jagrut	07/23/2024 / RAHUL	S12555

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	02/25/2026	08/25/2025 / Jagrut	07/23/2024 / RAHUL	S12556

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	02/25/2026	08/25/2025 / Jagrut	07/23/2024 / RAHUL	S12557

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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	555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2]	A0214017	02/25/2026	08/25/2025 / Jagrut	07/23/2024 / RAHUL	S12558

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	02/25/2026	08/25/2025 / Jagrut	07/23/2024 / RAHUL	S12559

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	03/22/2026	09/22/2025 / Jagrut	07/23/2024 / RAHUL	S12560

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	31900 / SOM01.1 Mega Mix, 500-1000 ug/ml	A0215529	02/12/2026	08/12/2025 / Jagrut	10/08/2024 / anahy	S12739

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	90494 / 1-Methylnaphthalene, 2000 ug/mL, in methylene chloride	061323	02/12/2026	08/12/2025 / Jagrut	11/08/2024 / anahy	S12776

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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	A0216785	03/10/2026	09/10/2025 / Jagrut	12/09/2024 / anahy	S12903

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	A0216785	03/10/2026	09/10/2025 / Jagrut	12/09/2024 / anahy	S12904

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	A0216785	03/22/2026	09/22/2025 / Jagrut	12/09/2024 / anahy	S12905

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	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2]	A0221014	11/30/2025	08/25/2025 / Jagrut	05/20/2025 / Rahul	S13090

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	08/25/2025 / Jagrut	05/20/2025 / Rahul	S13091

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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]	A0221014	11/30/2025	08/25/2025 / Jagrut	05/20/2025 / Rahul	S13092

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	08/25/2025 / Jagrut	05/20/2025 / Rahul	S13093

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	08/25/2025 / Jagrut	05/20/2025 / Rahul	S13094

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	08/25/2025 / Jagrut	05/20/2025 / Rahul	S13095

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	08/25/2025 / Jagrut	05/20/2025 / Rahul	S13096

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	09/03/2025 / Jagrut	05/20/2025 / Rahul	S13097

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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	A0218894	02/25/2026	08/25/2025 / Jagrut	05/20/2025 / Rahul	S13118

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	A0218894	02/25/2026	08/25/2025 / Jagrut	05/20/2025 / Rahul	S13119

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	A0218894	02/25/2026	08/25/2025 / Jagrut	05/20/2025 / Rahul	S13120

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	02/25/2026	08/25/2025 / Jagrut	11/13/2023 / Rahul	S13149

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	02/25/2026	08/25/2025 / Jagrut	06/04/2025 / Rahul	S13160

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	02/11/2026	08/11/2025 / Rahul	06/02/2025 / anahy	S13170

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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	31206 / SV Mix, CLP method, Internal Std, 2000ug/mL, CH2Cl2, 1mL	A0224359	03/15/2026	09/15/2025 / rahul	06/02/2025 / anahy	S13175

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	02/12/2026	08/12/2025 / Jagrut	06/11/2025 / anahy	S13207

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31879 / Benzoic Acid, 2000 µg/mL, Methylene Chloride, 1 mL/ampul	A0221395	02/12/2026	08/12/2025 / Jagrut	07/10/2025 / anahy	S13214

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	582978 / Custom Calibration Standard - C8 2,000µg/mL, Methylene chloride, 1mL/ampul, Chromatographic, CS-347186	A0228192	02/12/2026	08/12/2025 / Jagrut	08/01/2025 / Rahul	S13233

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]	A0228451	02/25/2026	08/25/2025 / Jagrut	08/06/2025 / Rahul	S13239

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]	A0228451	02/25/2026	08/25/2025 / Jagrut	08/06/2025 / Rahul	S13240

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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]	A0228451	02/25/2026	08/25/2025 / Jagrut	08/06/2025 / Rahul	S13241

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]	A0228451	02/25/2026	08/25/2025 / Jagrut	08/06/2025 / Rahul	S13242

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]	A0228451	02/25/2026	08/25/2025 / Jagrut	08/06/2025 / Rahul	S13243

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]	A0228451	02/25/2026	08/25/2025 / Jagrut	08/06/2025 / Rahul	S13244

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]	A0228494	02/25/2026	08/25/2025 / Jagrut	08/06/2025 / Rahul	S13269

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

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.

Received on 02/08/23 by CG

S11071 to S11075

Catalog No. : 31853 **Lot No.:** A0187043

Description : 1,4-dioxane

1,4-Dioxane 2,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound			Grav. Conc. (weight/volume)		Expanded Uncertainty (95% C.L.; K=2)			
1	1,4-Dioxane			2,019.0	µg/mL	+/-	11.8486	µg/mL	Gravimetric
	CAS #	123-91-1	(Lot SHBN5929)			+/-	43.2570	µg/mL	Unstressed
	Purity	99%				+/-	44.5129	µg/mL	Stressed

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

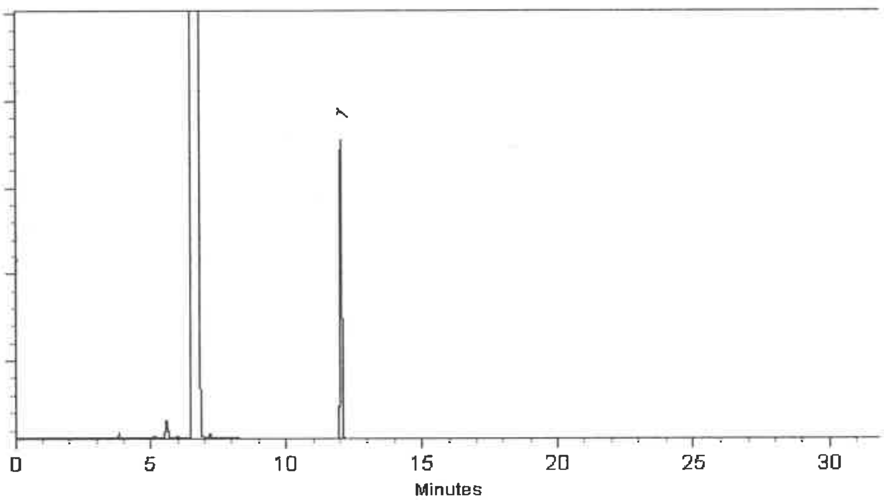
Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID



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.

Brittany Federinko - Operations Tech I

Date Mixed: 07-Jul-2022 **Balance:** 1128360905

Marlina Cowan – Operations Tech II ARM QC

Date Passed: 12-Jul-2022

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

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

Rec. on 8/20/25

$\boxed{E3965}$

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

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MIRADOR 201, COL. MIRADOR
MONTERREY, N.L. MÉXICO
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:	MAY/23/2024
LOT NUMBER :	417203		

TEST	SPECIFICATIONS	LOT VALUES
Assay (Na_2SO_4)	Min. 99.0%	99.8 %
pH of a 5% solution at 25°C	5.2 - 9.2	6.2
Insoluble matter	Max. 0.01%	0.001 %
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%	0.001 %
Magnesium (Mg)	Max. 0.005%	0.001 %
Potassium (K)	Max. 0.008%	0.001 %
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%	0.2 %
Retained on US Standard No. 60 sieve	Min. 94%	96.2 %
Through US Standard No. 60 sieve	Max. 5%	3.5 %
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.

RE-02-01, Ed. 3

E 3875

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

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	SiO_2
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. This document has been electronically produced and is valid without a signature. Leona Edwardson, Quality Control Sr. Manager - Solon VWR Chemicals, LLC. 28600 Fountain Parkway, Solon OH 44139 USA	Analysis may have been rounded to significant digits in specification limits Product meets analytical specifications of the grades listed.

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

RS 7/14/25

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

$\boxed{\text{E3954}}$

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

E3972

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.: 25C1262005
Manufactured Date: 2025-01-15
Expiration Date:2026-04-16
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	1
Assay (CH_2Cl_2) (by GC, exclusive of preservative, corrected for water)	>= 99.8 %	100.0 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.1 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 3973

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

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Certificate of Analysis

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ilac-MRA 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.

RESTEK

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Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

gravimetric

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Reference Material Producer
Certificate #3222.01

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Testing Laboratory
Certificate #3222.02

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

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

S11649
↓
S11658

Y.P.
11/13/23

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

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.

RESTEK

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

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ilac-MRA 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

C E R T I F I E D   V A L U E S

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.)

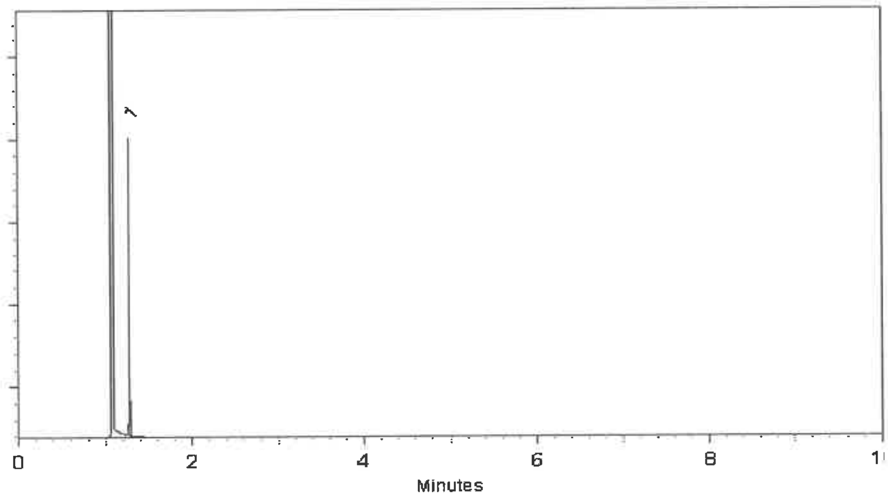
Inj. Temp:
250°C

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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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

S12187
↓
S12206

RC/
03/18/24

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

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.)

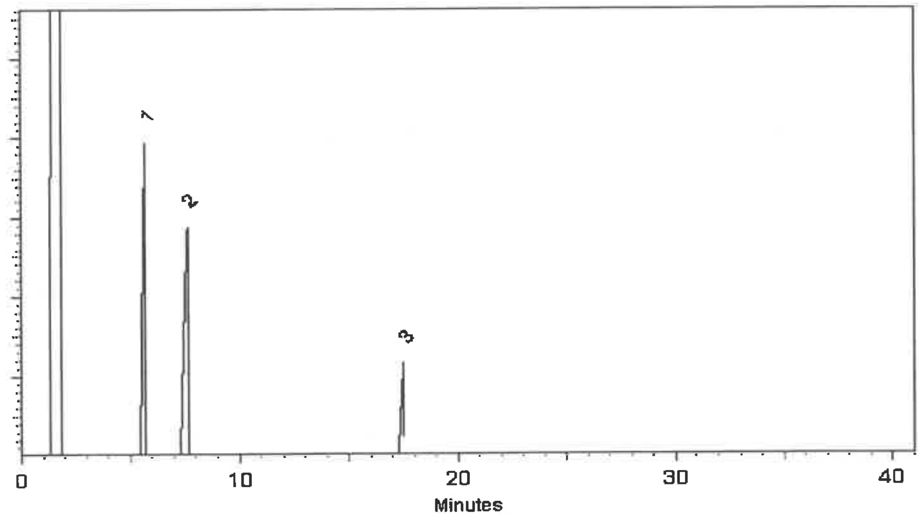
Inj. Temp:
250°C

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

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

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Catalog No. : 31086 **Lot No.:** A0206381

S12207 ↓ S12221 RC/ 03/18/24

Description : B/N Surrogate Mix (4/89 SOW)

Base Neutral Surrogate 5000µg/mL, Methylene Chloride, 5mL/ampul

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.)

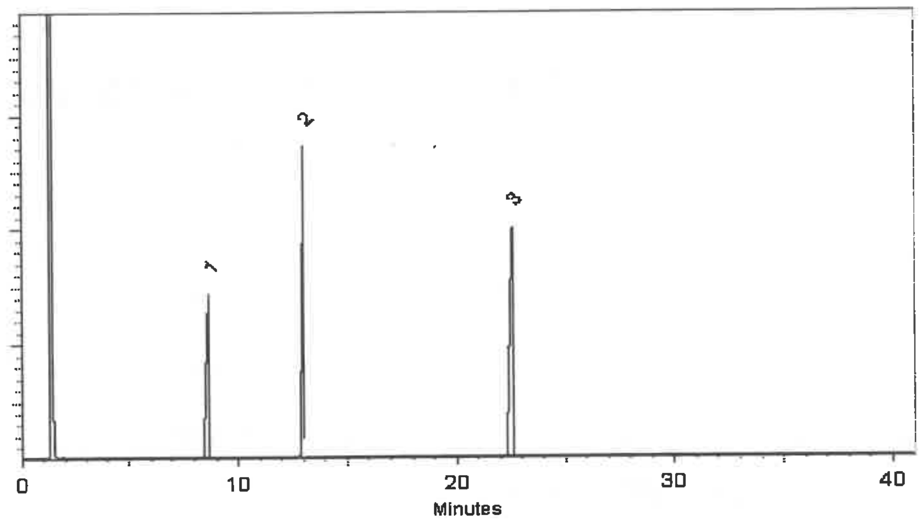
Inj. Temp:
250°C

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

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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. : 30409 **Lot No.:** A0206650

S12242 → S12254 RC/ 5/15/24

Description : Pyridine Standard
Pyridine 2000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL
Expiration Date : October 31, 2027 **Storage:** 0°C or colder
Ship: Ambient

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%	2,020.0 µg/mL	+/- 33.0924

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

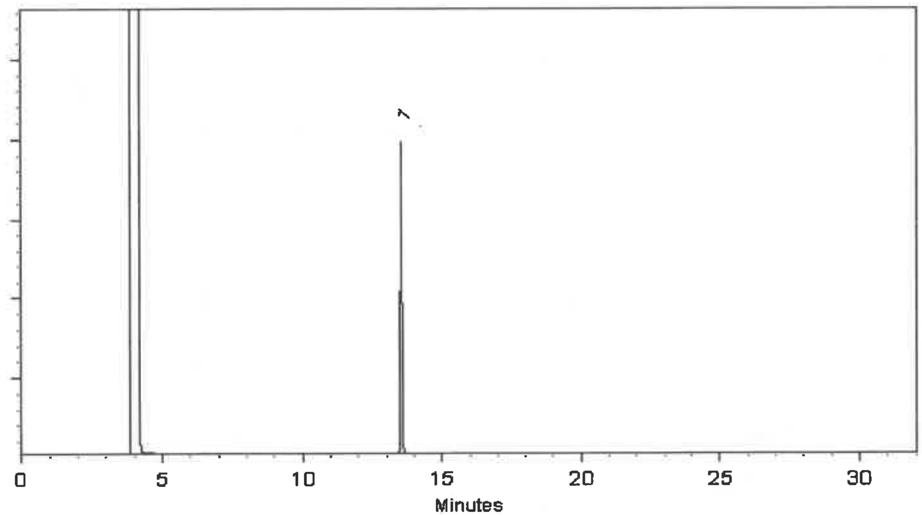
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 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: 16-Jan-2024 **Balance Serial #** B707717271

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 18-Jan-2024

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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. : 31902 **Lot No.:** A0206859

512302 → 512311 RC 5/30/24

Description : Additions Standard

Additions Standard 1000 µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 31, 2026 **Storage:** 10°C or colder

Handling: This product is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Benzaldehyde	100-52-7	RD231129RSRA	99%	1,005.0 µg/mL	+/- 29.5419
2	epsilon-Caprolactam	105-60-2	I16X016	99%	1,008.8 µg/mL	+/- 29.6521
3	Atrazine	1912-24-9	5FYWL	99%	1,008.8 µg/mL	+/- 29.6521

* 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.)

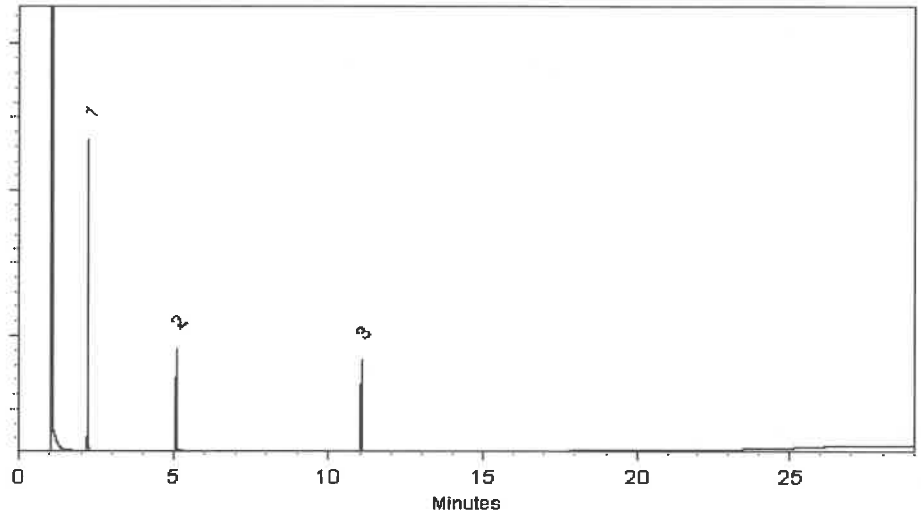
Inj. Temp:
250°C

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.

Stacey Wanner - Operations Technician I | **Date Mixed:** 23-Jan-2024 | **Balance Serial #** B442140311

Jennifer Pollino - Operations Tech III - ARM QC | **Date Passed:** 24-Jan-2024

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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. : 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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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. : 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.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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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. : 31615 **Lot No.:** A0212955

Description : GC/MS Tuning Mixture

GC/MS Tuning Mixture 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : June 30, 2027 **Storage:** 10°C or colder

Handling: Contains carcinogen/reproductive toxin. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pentachlorophenol	87-86-5	RP240517RSR	99%	1,004.5 µg/mL	+/- 44.8902
2	DFTPP (Decafluorotriphenylphosphine)	5074-71-5	Q117-147	99%	1,004.5 µg/mL	+/- 44.8902
3	Benzidine	92-87-5	S240430RSR	99%	1,006.0 µg/mL	+/- 44.9572
4	4,4'-DDT	50-29-3	S240530RSR	97%	1,000.1 µg/mL	+/- 44.6922

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride

CAS # 75-09-2

Purity 99%

S12577
↓
S12579

RC
8/2/24

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
75°C (hold 1 min.) to 330°C
@ 20°C/min. (hold 10 min.)

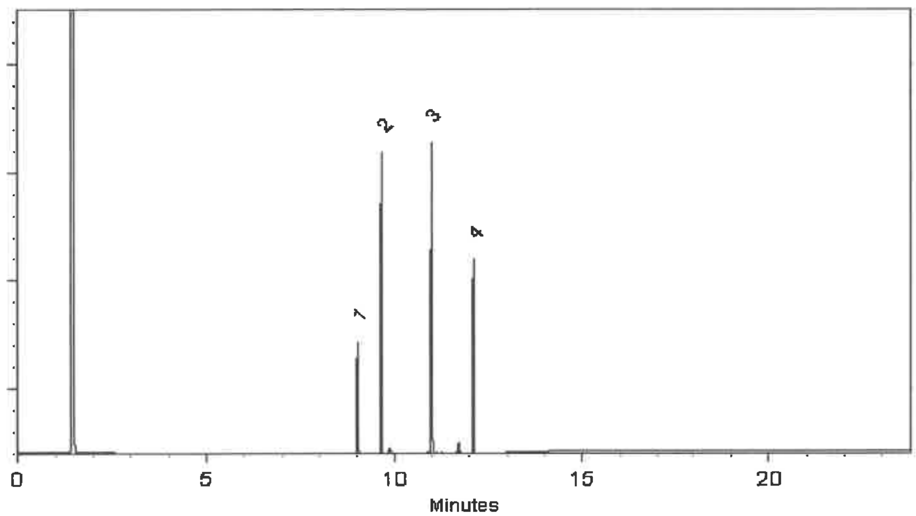
Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID

Split Vent:
10 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.

Ethan Winiarski - Operations Tech I **Date Mixed:** 19-Jun-2024 **Balance Serial #** 1128353505

Jennifer Pollino - Operations Tech III - ARM QC **Date Passed:** 26-Jun-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

RESTEK

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ilac-MRA

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ilac-MRA

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

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. : 31900 **Lot No.:** A0215529

Description : OLM 01.1 Revised SV MegaMix

OLM 01.1 Revised SV MegaMix 500-1000 µg/mL, Methylene chloride, 1mL/ampul

S12736
↓
S12754
AC
10/9/24

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : February 28, 2026 **Storage:** 0°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	Phenol	108-95-2	MKCK1120	99%	1,008.6 µg/mL	+/- 19.3211
2	Bis(2-chloroethyl)ether	111-44-4	SHBL6942	99%	1,002.3 µg/mL	+/- 19.2013
3	2-Chlorophenol	95-57-8	STBJ3909	99%	1,005.2 µg/mL	+/- 19.2564
4	2,2'-oxybis(1-chloropropane)	108-60-1	29-MAR-45-5	99%	1,006.3 µg/mL	+/- 19.2768
5	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,009.3 µg/mL	+/- 19.3354
6	Acetophenone	98-86-2	STBH8205	99%	1,003.8 µg/mL	+/- 18.5851
7	Hexachloroethane	67-72-1	QTORH	99%	1,000.6 µg/mL	+/- 19.1690
8	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,004.5 µg/mL	+/- 19.2599
9	4-Methylphenol (p-cresol)	106-44-5	SHBN3411	99%	500.3 µg/mL	+/- 9.5854
10	3-Methylphenol (m-cresol)	108-39-4	STBJ0710	99%	502.1 µg/mL	+/- 9.6213
11	Nitrobenzene	98-95-3	10224044	99%	1,003.2 µg/mL	+/- 19.2181
12	Isophorone	78-59-1	MKCC9506	99%	1,007.0 µg/mL	+/- 19.2911
13	2-Nitrophenol	88-75-5	RP230509C	99%	1,003.4 µg/mL	+/- 19.2217
14	2,4-Dimethylphenol	105-67-9	XW5GK	99%	1,008.1 µg/mL	+/- 19.3115
15	Bis(2-chloroethoxy)methane	111-91-1	15174900	99%	1,002.3 µg/mL	+/- 19.2001
16	2,4-Dichlorophenol	120-83-2	BCBZ6787	99%	1,002.3 µg/mL	+/- 19.2001

17	Naphthalene	91-20-3	STBL1057	99%	1,003.6	µg/mL	+/-	19.2253
18	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,005.5	µg/mL	+/-	19.2791
19	Hexachlorobutadiene	87-68-3	RP240110CTH	97%	1,003.9	µg/mL	+/-	19.2316
20	2-Methylnaphthalene	91-57-6	STBK0259	96%	1,005.1	µg/mL	+/-	19.2718
21	4-Chloro-3-methylphenol	59-50-7	BCCD4461	99%	1,003.8	µg/mL	+/-	19.2301
22	1,2,4,5-Tetrachlorobenzene	95-94-3	MKCT9480	99%	1,000.5	µg/mL	+/-	19.1832
23	Hexachlorocyclopentadiene	77-47-4	099063I14L	98%	1,001.3	µg/mL	+/-	19.1811
24	2,4,6-Trichlorophenol	88-06-2	STBK8870	99%	1,004.1	µg/mL	+/-	19.2349
25	2,4,5-Trichlorophenol	95-95-4	3YFRE	97%	1,008.6	µg/mL	+/-	19.3221
26	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,002.3	µg/mL	+/-	19.2001
27	Biphenyl	92-52-4	MKCS5928	99%	1,001.3	µg/mL	+/-	18.5388
28	2-Nitroaniline	88-74-4	RP240715RSR	99%	1,000.5	µg/mL	+/-	19.1832
29	Acenaphthylene	208-96-8	214935V16F	97%	999.9	µg/mL	+/-	19.1561
30	Dimethylphthalate	131-11-3	358221L17K	99%	1,005.8	µg/mL	+/-	19.2672
31	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,001.2	µg/mL	+/-	19.1798
32	Acenaphthene	83-32-9	MKCR7169	99%	1,000.0	µg/mL	+/-	19.1570
33	3-Nitroaniline	99-09-2	RP240708RSR	99%	1,005.5	µg/mL	+/-	19.2791
34	2,4-Dinitrophenol	51-28-5	DR230417RSR	99%	1,008.8	µg/mL	+/-	19.3259
35	Dibenzofuran	132-64-9	MKCD9952	99%	1,002.5	µg/mL	+/-	18.5619
36	2,4-Dinitrotoluene	121-14-2	102869V26E	99%	1,002.5	µg/mL	+/-	19.2049
37	4-Nitrophenol	100-02-7	RP230627	99%	1,004.4	µg/mL	+/-	19.2421
38	2,3,4,6-Tetrachlorophenol	58-90-2	PR-34476	99%	1,001.5	µg/mL	+/-	19.2024
39	Fluorene	86-73-7	10241100	99%	1,004.2	µg/mL	+/-	19.2373
40	4-Chlorophenyl phenyl ether	7005-72-3	MKCT7248	99%	1,003.0	µg/mL	+/-	19.2145
41	Diethylphthalate	84-66-2	BCCJ6241	99%	1,002.1	µg/mL	+/-	19.1978
42	4-Nitroaniline	100-01-6	RP240510RSR	99%	1,005.0	µg/mL	+/-	19.2695
43	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	S240410RSR	99%	1,001.1	µg/mL	+/-	19.1786
44	Diphenylamine	122-39-4	MKCT1512	99%	1,004.5	µg/mL	+/-	19.2599
45	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,005.9	µg/mL	+/-	19.2708
46	Hexachlorobenzene	118-74-1	15458400	99%	1,009.2	µg/mL	+/-	19.3331
47	Pentachlorophenol	87-86-5	RP240411RSR	99%	1,008.9	µg/mL	+/-	19.3283
48	Phenanthrene	85-01-8	MKCS5188	99%	1,006.2	µg/mL	+/-	19.2756
49	Anthracene	120-12-7	101492T18R	99%	1,001.6	µg/mL	+/-	19.1882
50	Carbazole	86-74-8	15276700	99%	1,004.0	µg/mL	+/-	19.2503
51	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,002.5	µg/mL	+/-	19.2049
52	Fluoranthene	206-44-0	MKCQ4728	99%	1,008.7	µg/mL	+/-	19.3235

53	Pyrene	129-00-0	BCCK2592	99%	1,002.9	µg/mL	+/-	19.2121
54	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,004.6	µg/mL	+/-	19.2444
55	Benz(a)anthracene	56-55-3	I50012022BAA	99%	1,009.1	µg/mL	+/-	19.3307
56	Chrysene	218-01-9	RP240719RSR	99%	1,005.9	µg/mL	+/-	19.2708
57	3,3'-Dichlorobenzidine	91-94-1	S231019RSR	99%	1,001.5	µg/mL	+/-	19.2024
58	Bis(2-ethylhexyl)phthalate	117-81-7	MKCS8065	99%	1,006.3	µg/mL	+/-	19.2768
59	Di-n-octyl phthalate	117-84-0	15276800	99%	1,008.9	µg/mL	+/-	19.3283
60	Benzo(b)fluoranthene	205-99-2	022013B	99%	1,006.4	µg/mL	+/-	19.2792
61	Benzo(k)fluoranthene	207-08-9	012022K	99%	1,001.9	µg/mL	+/-	19.1942
62	Benzo(a)pyrene	50-32-8	O45GL	98%	1,003.9	µg/mL	+/-	19.2327
63	Indeno(1,2,3-cd)pyrene	193-39-5	12-JKL-118-9	97%	1,003.7	µg/mL	+/-	19.2281
64	Dibenz(a,h)anthracene	53-70-3	2-ASA-59-1	99%	1,004.2	µg/mL	+/-	19.2373
65	Benzo(g,h,i)perylene	191-24-2	RP240625RSR	97%	1,001.5	µg/mL	+/-	19.1863

* 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.

Absolute Standards, Inc.

800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number:	90494
Lot Number:	061323
Description:	1-Methylnaphthalene
Expiration Date:	061328
Recommended Storage:	Refrigerate (4 °C)
Nominal Concentration (µg/mL):	2000
NIST Test ID#:	6UTB
Weight(s) shown below were combined and diluted to (mL):	100.0

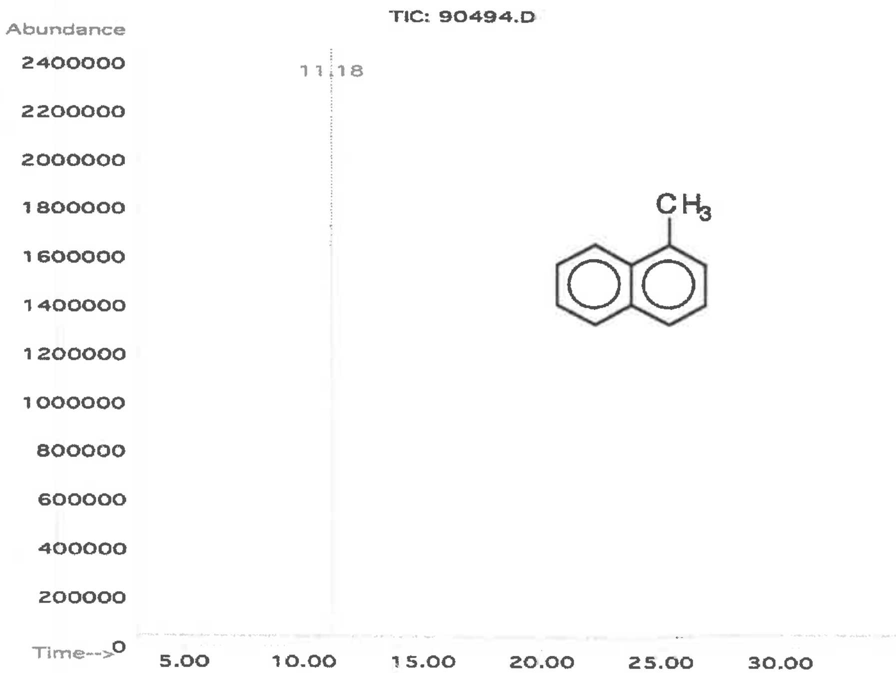
5E-05 Balance Uncertainty
0.031 Flask Uncertainty

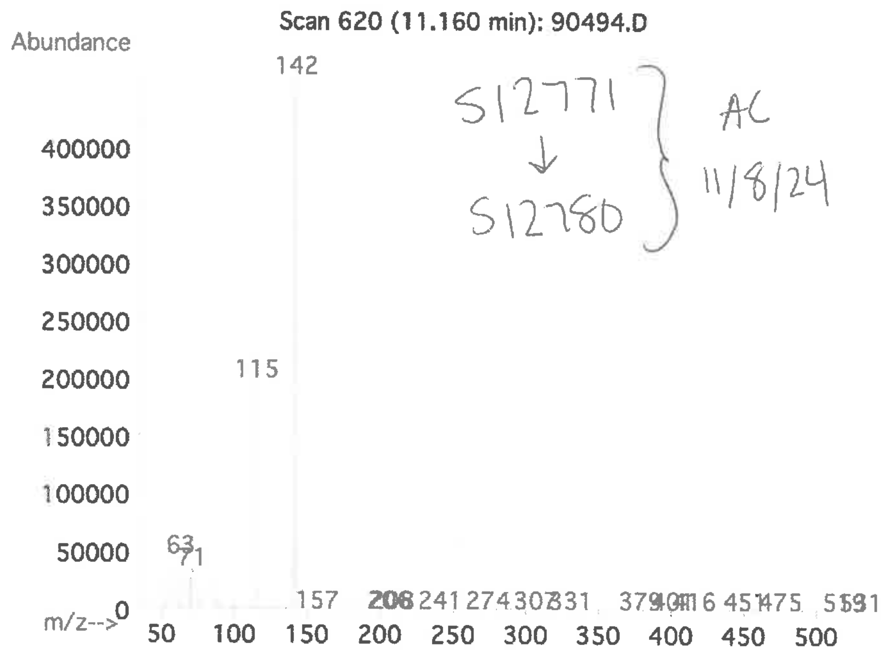
Solvent(s):	Lot#
Methylene chloride	C21F09CAS0000DCM

Prashant Chauhan (signature)		061323
Formulated By:	Prashant Chauhan	DATE
Pedro Rentas (signature)		061323
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. 1-Methylnaphthalene	313	04413BX	2000	98	0.2	0.20417	0.20430	2001.2	8.3	90-12-0	N/A	orl-rat 1840mg/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.





S12771
↓
S12780

AC
11/8/24

- 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 certifed (+/-) 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).

RESTEK

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CERTIFIED REFERENCE MATERIAL

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Reference Material Producer
Certificate #3222.01

Certificate of Analysis

chromatographic plus

ilac-MRA

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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. : 31850 **Lot No.:** A0221014

S13088 ↓ S13117 RC 5/20/25.

Description : 8270 MegaMix®

8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : November 30, 2025 **Storage:** 0°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	Pyridine	110-86-1	SHBR4811	99%	1,005.2 µg/mL	+/- 36.5730
2	N-Nitrosodimethylamine	62-75-9	S241226RSR	99%	1,005.5 µg/mL	+/- 36.5848
3	Phenol	108-95-2	MKCK1120	99%	1,005.3 µg/mL	+/- 36.5780
4	Aniline	62-53-3	X22F726	99%	1,005.4 µg/mL	+/- 36.5816
5	Bis(2-chloroethyl)ether	111-44-4	002891T24M	99%	1,004.7 µg/mL	+/- 36.5562
6	2-Chlorophenol	95-57-8	STBJ3909	99%	1,005.3 µg/mL	+/- 36.5766
7	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	1,004.6 µg/mL	+/- 36.5530
8	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	1,006.3 µg/mL	+/- 36.6125
9	Benzyl alcohol	100-51-6	SHBK5469	99%	1,005.5 µg/mL	+/- 36.5853
10	1,2-Dichlorobenzene	95-50-1	SHBL6287	99%	1,004.6 µg/mL	+/- 36.5507
11	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,004.8 µg/mL	+/- 36.5575
12	2,2'-oxybis(1-chloropropane)	108-60-1	29-MAR-45-5	99%	1,005.4 µg/mL	+/- 36.5803
13	3-Methylphenol (m-cresol)	108-39-4	STBL3873	99%	502.7 µg/mL	+/- 18.2888
14	4-Methylphenol (p-cresol)	106-44-5	SHBN3411	99%	502.6 µg/mL	+/- 18.2869
15	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,004.6 µg/mL	+/- 36.5502
16	Hexachloroethane	67-72-1	DAXRI	99%	1,004.6 µg/mL	+/- 36.5530
17	Nitrobenzene	98-95-3	10224044	99%	1,005.3 µg/mL	+/- 36.5780

18	Isophorone	78-59-1	MKCR3249	99%	1,004.6	µg/mL	+/-	36.5511
19	2-Nitrophenol	88-75-5	RP230710	99%	1,005.7	µg/mL	+/-	36.5916
20	2,4-Dimethylphenol	105-67-9	DIRAF	99%	1,004.9	µg/mL	+/-	36.5612
21	Bis(2-chloroethoxy)methane	111-91-1	15705100	99%	1,004.3	µg/mL	+/-	36.5402
22	2,4-Dichlorophenol	120-83-2	BCCK6969	99%	1,004.7	µg/mL	+/-	36.5571
23	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	1,004.6	µg/mL	+/-	36.5516
24	Naphthalene	91-20-3	STBL1057	99%	1,006.8	µg/mL	+/-	36.6335
25	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,005.9	µg/mL	+/-	36.5980
26	Hexachlorobutadiene	87-68-3	X05J	98%	1,004.1	µg/mL	+/-	36.5328
27	4-Chloro-3-methylphenol	59-50-7	BCCD4461	99%	1,005.4	µg/mL	+/-	36.5793
28	2-Methylnaphthalene	91-57-6	STBL3028	99%	1,006.3	µg/mL	+/-	36.6144
29	1-Methylnaphthalene	90-12-0	5234.00-8	98%	990.2	µg/mL	+/-	36.0269
30	Hexachlorocyclopentadiene	77-47-4	099063P13G	99%	1,005.9	µg/mL	+/-	36.5975
31	2,4,6-Trichlorophenol	88-06-2	STBK8870	99%	1,004.7	µg/mL	+/-	36.5566
32	2,4,5-Trichlorophenol	95-95-4	3YFRE	97%	1,004.7	µg/mL	+/-	36.5571
33	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,005.3	µg/mL	+/-	36.5757
34	2-Nitroaniline	88-74-4	RP240715RSR	99%	1,004.8	µg/mL	+/-	36.5584
35	1,4-Dinitrobenzene	100-25-4	RP240703RSR	99%	1,004.5	µg/mL	+/-	36.5475
36	Acenaphthylene	208-96-8	214935V18H	95%	1,000.1	µg/mL	+/-	36.3888
37	1,3-Dinitrobenzene	99-65-0	TRC3-1075941-2-1	99%	1,004.9	µg/mL	+/-	36.5616
38	Dimethylphthalate	131-11-3	358221L17K	99%	1,004.5	µg/mL	+/-	36.5489
39	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,005.2	µg/mL	+/-	36.5734
40	1,2-Dinitrobenzene	528-29-0	RP240701RSR	99%	1,005.9	µg/mL	+/-	36.6003
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	+/-	36.5525
43	2,4-Dinitrophenol	51-28-5	D240927RSR	99%	1,005.0	µg/mL	+/-	36.5657
44	Dibenzofuran	132-64-9	MKCN1772	99%	1,005.4	µg/mL	+/-	36.5803
45	2,4-Dinitrotoluene	121-14-2	102869V26E	99%	1,005.4	µg/mL	+/-	36.5803
46	4-Nitrophenol	100-02-7	20241120-1-AN	99%	1,005.7	µg/mL	+/-	36.5930
47	2,3,4,6-Tetrachlorophenol	58-90-2	PR-34476	99%	1,004.9	µg/mL	+/-	36.5616
48	2,3,5,6-Tetrachlorophenol	935-95-5	RP240523RSR	99%	1,005.2	µg/mL	+/-	36.5739
49	Fluorene	86-73-7	10246250	98%	1,005.8	µg/mL	+/-	36.5948
50	4-Chlorophenyl phenyl ether	7005-72-3	002531K02D	99%	1,004.8	µg/mL	+/-	36.5584
51	Diethylphthalate	84-66-2	STBL3611	99%	1,005.3	µg/mL	+/-	36.5762
52	4-Nitroaniline	100-01-6	RP240830RSR	99%	1,005.5	µg/mL	+/-	36.5844
53	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	S241008RSR	99%	1,004.8	µg/mL	+/-	36.5589

54	Diphenylamine	122-39-4	MKCT1512	99%	1,005.2	µg/mL	+/- 36.5725
55	Azobenzene	103-33-3	BCCL3292	99%	1,004.7	µg/mL	+/- 36.5566
56	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,005.6	µg/mL	+/- 36.5875
57	Hexachlorobenzene	118-74-1	15828800	99%	1,005.3	µg/mL	+/- 36.5789
58	Pentachlorophenol	87-86-5	RP240517RSR	99%	1,005.4	µg/mL	+/- 36.5825
59	Phenanthrene	85-01-8	MKCT3391	99%	1,004.8	µg/mL	+/- 36.5584
60	Anthracene	120-12-7	MKCW9141	99%	1,005.5	µg/mL	+/- 36.5834
61	Carbazole	86-74-8	15630800	99%	1,005.3	µg/mL	+/- 36.5789
62	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,005.5	µg/mL	+/- 36.5848
63	Fluoranthene	206-44-0	A0458721	99%	1,005.4	µg/mL	+/- <0.0001
64	Pyrene	129-00-0	BCCL8032	99%	1,005.2	µg/mL	+/- 36.5734
65	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,004.8	µg/mL	+/- 36.5584
66	Bis(2-ethylhexyl)adipate	103-23-1	MKCR8567	99%	1,004.5	µg/mL	+/- 36.5480
67	Benz(a)anthracene	56-55-3	I60012022BAA	99%	1,005.5	µg/mL	+/- 36.5844
68	Chrysene	218-01-9	RP241212RSR	99%	1,005.5	µg/mL	+/- 36.5848
69	Bis(2-ethylhexyl)phthalate	117-81-7	MKCS8065	99%	1,004.7	µg/mL	+/- 36.5548
70	Di-n-octyl phthalate	117-84-0	15817300	99%	1,004.8	µg/mL	+/- 36.5607
71	Benzo(b)fluoranthene	205-99-2	022013B	99%	1,005.1	µg/mL	+/- 36.5716
72	Benzo(k)fluoranthene	207-08-9	012022K	98%	1,004.6	µg/mL	+/- 36.5511
73	Benzo(a)pyrene	50-32-8	NQLXA	98%	1,004.2	µg/mL	+/- 36.5377
74	Indeno(1,2,3-cd)pyrene	193-39-5	12-JKL-118-9	97%	1,004.1	µg/mL	+/- 36.5337
75	Dibenz(a,h)anthracene	53-70-3	712061504-1-1	99%	1,005.7	µg/mL	+/- 36.5930
76	Benzo(g,h,i)perylene	191-24-2	RP241014RSR	98%	1,005.4	µg/mL	+/- 36.5814

* 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.

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.)

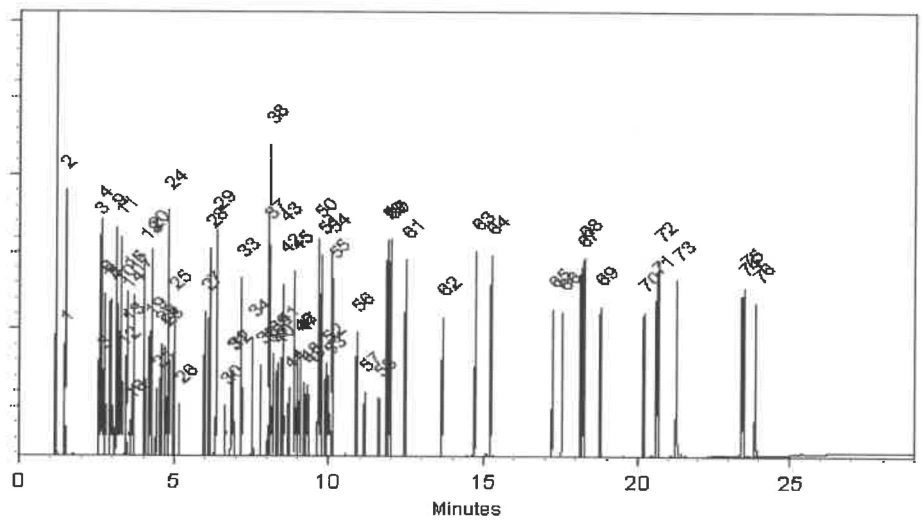
Inj. Temp:
250°C

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: 12-Jan-2025 **Balance Serial #** 1128360905

Dillan Murphy - Operations Technician I

Date Passed: 21-Jan-2025

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

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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. : 31853 **Lot No.:** A0218894

Description : 1,4-dioxane

1,4-Dioxane 2,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : November 30, 2029 **Storage:** 0°C or colder

Ship: Ambient

513118
↓
513147

RC/
5/20/25.

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%	2,002.4 µg/mL	+/- 24.9202

* 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.)

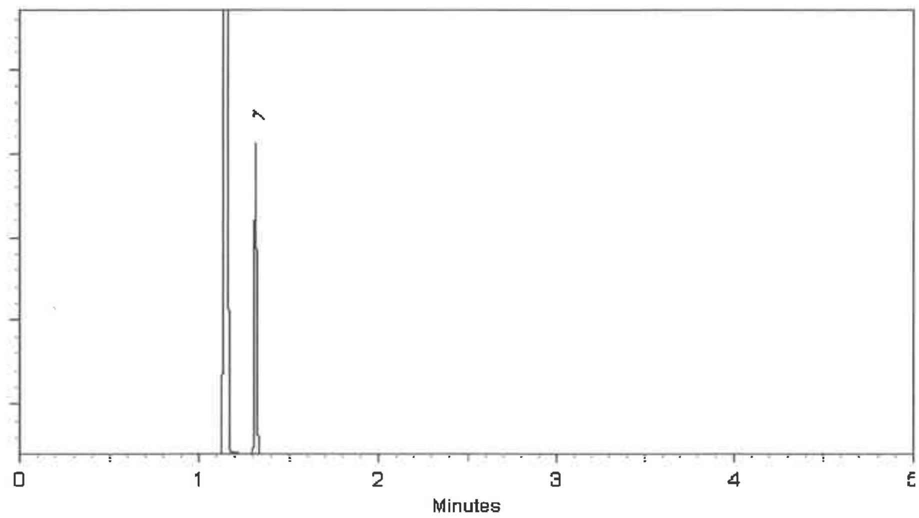
Inj. Temp:
250°C

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: 07-Nov-2024 **Balance Serial #** 1128360905

Dillan Murphy - Operations Technician I

Date Passed: 11-Nov-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

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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. : 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

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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Catalog No. : 31206 **Lot No.:** A0224359

S13168 → S13197 AC 6/9/25

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 : 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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Catalog No. : 555868 **Lot No.:** A0226493

S13198 → S13207 AC 6/11/25

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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Catalog No. : 31879 **Lot No.:** A0221395

S13214 ↓ S13218 AC 7/10/25

Description : Benzoic Acid Mix

Benzoic Acid 2000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 31, 2029 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Benzoic acid	65-85-0	MKCR2694	99%	2,002.2 µg/mL	+/- 60.5426

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride

CAS # 75-09-2

Purity 99%

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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. : 582978 **Lot No.:** A0228192

513229 ↓ 513238 RC/ 8/1/25

Description : Custom Calibration Standard - C8

Custom Calibration Standard - C8 2,000µg/mL, Methylene chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2028 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	N-Nitrosodimethylamine	62-75-9	S241226RSR	99%	2,000.0 µg/mL	+/- 35.7537
2	Aniline	62-53-3	X22F726	99%	2,002.5 µg/mL	+/- 35.7984
3	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	2,005.0 µg/mL	+/- 35.8431
4	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	2,005.0 µg/mL	+/- 35.8431
5	Benzyl alcohol	100-51-6	094986W07G	99%	2,015.0 µg/mL	+/- 36.0218
6	1,2-Dichlorobenzene	95-50-1	SHBR4446	99%	2,015.0 µg/mL	+/- 36.0218
7	1,2,4-Trichlorobenzene	120-82-1	SHBR1701	99%	2,020.0 µg/mL	+/- 36.1112
8	Azobenzene	103-33-3	BCCL3292	99%	2,005.0 µg/mL	+/- 35.8431

* 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.)

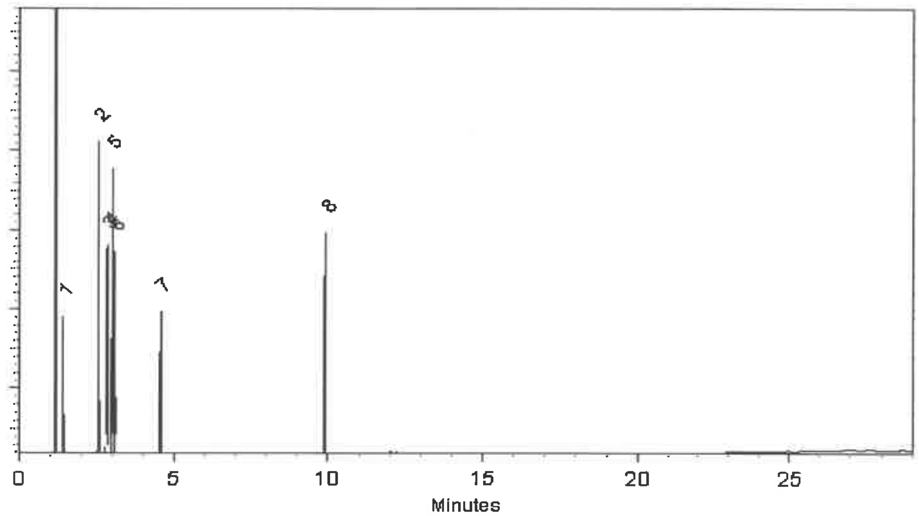
Inj. Temp:
250°C

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.

Wilner Torres - Operation Tech I | **Date Mixed:** 27-Jul-2025 | **Balance Serial #** B345965662

Jennifer Pollino - Operations Tech III - ARM QC | **Date Passed:** 30-Jul-2025 | REVIEWED

Manufactured under Restek's ISO 9001:2015
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Certificate #FM 80397

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

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Catalog No. : 555223 **Lot No.:** A0228451

S13239 ↓ S13268 RC 08/06/25

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 : August 31, 2027 **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	S250226RSR	99%	1,006.0 µg/mL	+/- 23.0947
2	Atrazine	1912-24-9	5FYWL	99%	1,007.0 µg/mL	+/- 23.1176
3	Benzidine	92-87-5	S250227ECS	99%	1,003.0 µg/mL	+/- 23.0258
4	epsilon-Caprolactam	105-60-2	Y16H012	99%	1,003.0 µg/mL	+/- 23.0258

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tom Suckar - Mix Technician **Date Mixed:** 01-Aug-2025 **Balance:** 1128360905

Manufactured under Restek's ISO 9001:2015
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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.:** A0228494

513269 ↓ 513298 RC 08/06/25

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 : August 31, 2027 **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%	1,002.0	µg/mL	+/- 29.453715
2	Acetophenone	98-86-2	STBH8205	99%	1,001.0	µg/mL	+/- 29.424320
3	Benzaldehyde	100-52-7	RD250319RSR	99%	1,003.0	µg/mL	+/- 29.483110
4	Benzoic acid	65-85-0	MKCX1578	99%	1,001.0	µg/mL	+/- 29.424320
5	Biphenyl	92-52-4	MKCS5928	99%	1,002.0	µg/mL	+/- 29.453715

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Laith Clemente - Operations Technician I **Date Mixed:** 04-Aug-2025 **Balance:** 1128360905

Manufactured under Restek's ISO 9001:2015
Registered Quality System
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Catalog No. : 555869 **Lot No.:** A0201702

513148 ↓ 513157 RC 11/13/23

Description : Custom Hexachlorocyclopentadiene Standard

Custom Hexachlorocyclopentadiene 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

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

Q3176
Q3177

USEPA

DateShipped: 9/23/2025

CarrierName: Hand-Delivered

AirbillNo:

CHAIN OF CUSTODY RECORD

Case #:

Contact Name: Leticia Campiglia

Contact Phone: 732-570-4993

No: 2-092325-0004-0049-01

Cooler #: 1 of 2

Lab: Alliance Technical Group LLC (non-CLP)

Lab Phone: 908-789-8900

Lab #	Sample #	Analyses	Matrix	Sample Date	Sample Time	Numb Cont	Container	Preservative	Lab QC
	EME-TS12-01	Percent Moisture	Soil	9/23/2025	12:08	1	4 oz jar w/ septum	4 C	
	EME-TS12-01	TAL SVOCs, PCBs, Pesticides	Soil	9/23/2025	12:08	2	8 oz amber glass jar	4 C	
	EME-TS12-01	TAL Metals + Hg and Cn	Soil	9/23/2025	12:08	1	8 oz clear glass jar	4 C	
	EME-TS12-01	EPH	Soil	9/23/2025	12:08	1	4 oz glass jar	4 C	
	EME-TS12-01	SPLP VOCs	Soil	9/23/2025	12:08	3	5 g Encore sampler	4 C	
	EME-TS12-01	SPLP SVOCs, Pesticides, PCBs	Soil	9/23/2025	12:08	2	8 oz amber glass jar	4 C	
	EME-TS12-01	SPLP Metals + Hg and Cn	Soil	9/23/2025	12:08	1	8 oz clear glass jar	4 C	
	EME-TS12-01	SPLP EPH	Soil	9/23/2025	12:08	1	4 oz glass jar	4 C	
	EME-TS12-01	TAL VOCs,	Soil	9/23/2025	12:08	3	5 g Encore sampler	4 C	
	EME-TS13-01	SPLP VOCs	Soil	9/23/2025	12:20	3	5 g Encore sampler	4 C	
	EME-TS13-01	TAL VOCs,	Soil	9/23/2025	12:20	3	5 g Encore sampler	4 C	
	EME-TS13-01	Percent Moisture	Soil	9/23/2025	12:20	1	4 oz jar w/ septum	4 C	
	EME-TS13-01	TAL SVOCs, PCBs, Pesticides	Soil	9/23/2025	12:20	2	8 oz amber glass jar	4 C	
	EME-TS13-01	EPH	Soil	9/23/2025	12:20	1	4 oz glass jar	4 C	
	EME-TS13-01	SPLP SVOCs, Pesticides, PCBs	Soil	9/23/2025	12:20	2	8 oz amber glass jar	4 C	
	EME-TS13-01	SPLP Metals + Hg and Cn	Soil	9/23/2025	12:20	1	8 oz clear glass jar	4 C	
	EME-TS13-01	SPLP EPH	Soil	9/23/2025	12:20	1	4 oz glass jar	4 C	
	EME-TS13-01	TAL Metals + Hg and Cn	Soil	9/23/2025	12:20	1	8 oz clear glass jar	4 C	

Special Instructions: RFP # 916. Please email results to leticia.campiglia@westonsolutions.com, smita.sumbaly@westonsolutions.com, ronan.clynch@westonsolutions.com and michael.lang@westonsolutions.com.
7 day preliminary TAT.

SAMPLES TRANSFERRED FROM

CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
All Samples	LC / START VI Weston	9/23/25 1700		9-23-25 1700	1.5°C IR GUN #1 custody seals intact Temp blk present

Q3176
Q3177

USEPA
DateShipped: 9/23/2025
CarrierName: Hand-Delivered
AirbillNo:

CHAIN OF CUSTODY RECORD
Case #:
Contact Name: Leticia Campiglia
Contact Phone: 732-570-4993

No: 2-092325-0004-0049-01
Cooler #: 1 of 2
Lab: Alliance Technical Group LLC (non-CLP)
Lab Phone: 908-789-8900

Lab #	Sample #	Analyses	Matrix	Sample Date	Sample Time	Numb Cont	Container	Preservative	Lab QC
	EME-TS14-02	SPLP Metals + Hg and Cn	Soil	9/23/2025	12:57	1	8 oz clear glass jar	4 C	
	EME-TS14-02	TAL VOCs,	Soil	9/23/2025	12:57	3	5 g Encore sampler	4 C	
	EME-TS14-02	Percent Moisture	Soil	9/23/2025	12:57	1	4 oz jar w/ septum	4 C	
	EME-TS14-02	TAL SVOCs, PCBs, Pesticides	Soil	9/23/2025	12:57	2	8 oz amber glass jar	4 C	
	EME-TS14-02	EPH	Soil	9/23/2025	12:57	1	4 oz glass jar	4 C	
	EME-TS14-02	SPLP VOCs	Soil	9/23/2025	12:57	3	5 g Encore sampler	4 C	
	EME-TS14-02	SPLP SVOCs, Pesticides, PCBs	Soil	9/23/2025	12:57	2	8 oz amber glass jar	4 C	
	EME-TS14-02	SPLP EPH	Soil	9/23/2025	12:57	1	4 oz glass jar	4 C	
	EME-TS14-02	TAL Metals + Hg and Cn	Soil	9/23/2025	12:57	1	8 oz clear glass jar	4 C	

9/23/25

Special Instructions: RFP # 916. Please email results to leticia.campiglia@westonsolutions.com, smita.sumbaly@westonsolutions.com, ronan.clynch@westonsolutions.com and michael.lang@westonsolutions.com.
7 day preliminary TAT.

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
All samples	/ START VI Weston	9/23/25 1700		9-23-25 1700	1.5°C IR Gun #1 custody seals intact Temp blk. present

284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3176 ROYF02
Client Name : Weston Solutions, Inc.
Client Contact : Smita Sumbaly
Invoice Name : Weston Solutions, Inc.
Invoice Contact : Smita Sumbaly

Order Date : 9/24/2025 10:16:00 AM
Project Name : RFP 916
Receive DateTime : 9/23/2025 5:00:00 PM
Purchase Order :

Project Mgr :
Report Type : Level 4
EDD Type : Equis Region2(MEDD)
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD		FAX DATE	DUE DATES
Q3176-01	EME-TS12-01	Solid	09/23/2025	12:08						
					VOC-TCLVOA-10		8260D	5 Bus. Days		
Q3176-02	EME-TS13-01	Solid	09/23/2025	12:20						
					VOC-TCLVOA-10		8260D	5 Bus. Days		
Q3176-03	EME-TS14-01	Solid	09/23/2025	12:57						
					VOC-TCLVOA-10		8260D	5 Bus. Days		

Relinguished By : [signature]
Date / Time : 9/24/25 1110

Received By : [signature]
Date / Time : 09/24/25 11:15

Storage Area : VOA Refridgerator Room