

Cover Page

Order ID : Q2646

Project ID : North Arlington, NJ

Client : Environmental Restoration, LLC

Lab Sample Number

Q2646-01
Q2646-03

Client Sample Number

FRAC TANK
FRAC TANK

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

Signature : _____

Date: 7/28/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012



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CASE NARRATIVE

Environmental Restoration, LLC
Project Name: North Arlington, NJ
Project # N/A
Order ID # Q2646
Test Name: TCLP BNA

A. Number of Samples and Date of Receipt:

1 Water sample was received on 07/18/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: TCLP BNA. This data package contains results for TCLP BNA.

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 TCLP BNA was based on method 8270E and extraction was done based on method 3510 and TCLP extraction method was 1311.

D. QA/ QC Samples:

The Holding Times were met for all analysis. The Surrogate recoveries were met for all analysis.

The Internal Standards Areas were met for all analysis except for FRAC TANK, due to matrix interference, which can be witnessed by the abnormal chromatogram. Although the internals are passing in the its associated MS/MSD they are near the border, therefore no further corrective action was taken.

The Retention Times were met for all analysis.

The MS {Q2646-03MS} with File ID: BF143199.D recoveries met the requirements for all compounds except for 2,4,6-Trichlorophenol[72%], 2-Methylphenol[158%] and Pyridine[0%], due to matrix interference.

The MSD {Q2646-03MSD} with File ID : BF143200.D recoveries met the requirements for all compounds except for 2,4,6-Trichlorophenol[76%], 2-Methylphenol[152%] and Pyridine[0%], due to matrix interference.

The RPD were met for all analysis.

The Blank Spike met requirements for all compounds.



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The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the Requirements.
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.

Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

F. Manual Integration Comments:

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

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

Signature_____

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 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

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q2646

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 Custody

✓

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: PRATHA PARGHI

Date: 07/28/2025



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LAB CHRONICLE

OrderID: Q2646
Client: Environmental Restoration, LLC
Contact: Steve Motta

OrderDate: 7/18/2025 11:47:00 AM
Project: North Arlington, NJ
Location: O11,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2646-03	FRAC TANK	TCLP	TCLP BNA	8270E	07/18/25	07/22/25	07/22/25	07/18/25



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Hit Summary Sheet
SW-846

SDG No.: Q2646
Client: Environmental Restoration, LLC

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :	FRAC TANK							
Q2646-03	FRAC TANK	TCLP	3+4-Methylphenols	130.000		11	100	ug/L
			Total Svoc :			130.00		
			Total Concentration:			130.00		



QC SUMMARY

Surrogate Summary

SW-846

SDG No.: Q2646

Client: Environmental Restoration, LLC

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB168926TB	PB168926TB	2-Fluorophenol	150	114	76		15 (23)	110 (138)
		Phenol-d6	150	113	75		15 (10)	110 (134)
		Nitrobenzene-d5	100	79.9	80		30 (67)	130 (132)
		2-Fluorobiphenyl	100	78.0	78		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	119	79		15 (44)	110 (137)
		Terphenyl-d14	100	72.7	73		30 (42)	130 (152)
PB168954BL	PB168954BL	2-Fluorophenol	150	114	76		15 (23)	110 (138)
		Phenol-d6	150	116	77		15 (10)	110 (134)
		Nitrobenzene-d5	100	77.6	78		30 (67)	130 (132)
		2-Fluorobiphenyl	100	73.3	73		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	128	85		15 (44)	110 (137)
		Terphenyl-d14	100	77.4	77		30 (42)	130 (152)
PB168954BS	PB168954BS	2-Fluorophenol	150	114	76		15 (23)	110 (138)
		Phenol-d6	150	113	76		15 (10)	110 (134)
		Nitrobenzene-d5	100	82.0	82		30 (67)	130 (132)
		2-Fluorobiphenyl	100	76.1	76		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	126	84		15 (44)	110 (137)
		Terphenyl-d14	100	82.6	83		30 (42)	130 (152)
Q2646-03	FRAC TANK	2-Fluorophenol	150	163	109		15 (23)	110 (138)
		Phenol-d6	150	116	78		15 (10)	110 (134)
		Nitrobenzene-d5	100	75.9	76		30 (67)	130 (132)
		2-Fluorobiphenyl	100	78.6	79		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	121	81		15 (44)	110 (137)
		Terphenyl-d14	100	51.9	52		30 (42)	130 (152)
Q2646-03MS	FRAC TANKMS	2-Fluorophenol	150	81.8	55		15 (23)	110 (138)
		Phenol-d6	150	64.3	43		15 (10)	110 (134)
		Nitrobenzene-d5	100	68.3	68		30 (67)	130 (132)
		2-Fluorobiphenyl	100	73.4	73		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	99.1	66		15 (44)	110 (137)
		Terphenyl-d14	100	46.8	47		30 (42)	130 (152)
Q2646-03MSD	FRAC TANKMSD	2-Fluorophenol	150	80.3	54		15 (23)	110 (138)
		Phenol-d6	150	62.4	42		15 (10)	110 (134)
		Nitrobenzene-d5	100	71.7	72		30 (67)	130 (132)
		2-Fluorobiphenyl	100	75.7	76		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	111	74		15 (44)	110 (137)
		Terphenyl-d14	100	50.5	51		30 (42)	130 (152)

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2646

Analytical Method: SW8270E

Client: Environmental Restoration, LLC

DataFile: BF143199.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: Q2646-03MS		Client Sample ID: FRAC TANKMS									
Pyridine	500	0	0	ug/L	0	*			20 (10)	160 (109)	
1,4-Dichlorobenzene	500	0	360	ug/L	72				70 (55)	130 (125)	
2-Methylphenol	500	0	790	ug/L	158	*			70 (60)	130 (131)	
3+4-Methylphenols	500	130	520	ug/L	78				20 (54)	160 (136)	
Hexachloroethane	500	0	370	ug/L	74				20 (19)	160 (146)	
Nitrobenzene	500	0	350	ug/L	70				70 (62)	130 (112)	
Hexachlorobutadiene	500	0	370	ug/L	74				70 (52)	130 (125)	
2,4,6-Trichlorophenol	500	0	360	ug/L	72				70 (78)	130 (112)	
2,4,5-Trichlorophenol	500	0	390	ug/L	78				70 (71)	130 (111)	
2,4-Dinitrotoluene	500	0	400	ug/L	80				70 (74)	130 (137)	
Hexachlorobenzene	500	0	370	ug/L	74				70 (72)	130 (115)	
Pentachlorophenol	1000	0	910	ug/L	91				20 (52)	160 (162)	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2646

Analytical Method: SW8270E

Client: Environmental Restoration, LLC

DataFile: BF143200.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: Q2646-03MSD		Client Sample ID: FRAC TANKMSD									
Pyridine	500	0	0	ug/L	0	*	0		20 (10)	160 (109)	20 (20)
1,4-Dichlorobenzene	500	0	360	ug/L	72		0		70 (55)	130 (125)	20 (20)
2-Methylphenol	500	0	760	ug/L	152	*	4		70 (60)	130 (131)	20 (20)
3+4-Methylphenols	500	130	520	ug/L	78		0		20 (54)	160 (136)	20 (20)
Hexachloroethane	500	0	360	ug/L	72		3		20 (19)	160 (146)	20 (20)
Nitrobenzene	500	0	360	ug/L	72		3		70 (62)	130 (112)	20 (20)
Hexachlorobutadiene	500	0	390	ug/L	78		5		70 (52)	130 (125)	20 (20)
2,4,6-Trichlorophenol	500	0	380	ug/L	76		5		70 (78)	130 (112)	20 (20)
2,4,5-Trichlorophenol	500	0	420	ug/L	84		7		70 (71)	130 (111)	20 (20)
2,4-Dinitrotoluene	500	0	420	ug/L	84		5		70 (74)	130 (137)	20 (20)
Hexachlorobenzene	500	0	380	ug/L	76		3		70 (72)	130 (115)	20 (20)
Pentachlorophenol	1000	0	960	ug/L	96		5		20 (52)	160 (162)	20 (20)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: <u>Q2646</u>	Analytical Method: <u>8270E</u>
Client: <u>Environmental Restoration, LLC</u>	DataFile: <u>BF143213.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB168954BS	Pyridine	50	37.0	ug/L	74				20 (29)	160 (97)	
	1,4-Dichlorobenzene	50	42.5	ug/L	85				70 (76)	130 (103)	
	2-Methylphenol	50	43.9	ug/L	88				70 (69)	130 (109)	
	3+4-Methylphenols	50	42.7	ug/L	85				20 (67)	160 (106)	
	Hexachloroethane	50	44.3	ug/L	89				20 (76)	160 (118)	
	Nitrobenzene	50	44.2	ug/L	88				70 (58)	130 (106)	
	Hexachlorobutadiene	50	44.2	ug/L	88				70 (69)	130 (101)	
	2,4,6-Trichlorophenol	50	44.7	ug/L	89				70 (61)	130 (110)	
	2,4,5-Trichlorophenol	50	44.7	ug/L	89				70 (70)	130 (106)	
	2,4-Dinitrotoluene	50	53.0	ug/L	106				70 (60)	130 (115)	
	Hexachlorobenzene	50	43.9	ug/L	88				70 (73)	130 (106)	
	Pentachlorophenol	100	61.8	ug/L	62				20 (47)	160 (114)	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID

PB168954BL

Lab Name: Alliance

Contract: ENVI60

Lab Code: ACE

SDG NO.: Q2646

Lab File ID: BF143190.D

Lab Sample ID: PB168954BL

Instrument ID: BNA_F

Date Extracted: 07/22/2025

Matrix: (soil/water) water

Date Analyzed: 07/22/2025

Level: (low/med) LOW

Time Analyzed: 15:52

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
FRAC TANK	Q2646-03	BF143198.D	07/22/2025
FRAC TANKMS	Q2646-03MS	BF143199.D	07/22/2025
FRAC TANKMSD	Q2646-03MSD	BF143200.D	07/22/2025
PB168926TB	PB168926TB	BF143211.D	07/23/2025
PB168954BS	PB168954BS	BF143213.D	07/23/2025

COMMENTS: _____



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BF143138.D
Instrument ID: BNA_F

Contract: ENVI60
SDG NO.: Q2646
DFTPP Injection Date: 07/17/2025
DFTPP Injection Time: 09:58

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.9) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.1 (0.5) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	79.6
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.5 (19.5) 2

1-Value is % mass 69

2-Value is % mass 442

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

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



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BF143188.D
Instrument ID: BNA_F

Contract: ENVI60
SDG NO.: Q2646
DFTPP Injection Date: 07/22/2025
DFTPP Injection Time: 14:54

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.6 (1.8) 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	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	77.4
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.5 (19.5) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF143189.D	07/22/2025	15:23
PB168954BL	PB168954BL	BF143190.D	07/22/2025	15:52
FRAC TANK	Q2646-03	BF143198.D	07/22/2025	19:51
FRAC TANKMS	Q2646-03MS	BF143199.D	07/22/2025	20:20
FRAC TANKMSD	Q2646-03MSD	BF143200.D	07/22/2025	20:49



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: AllianceContract: ENVI60Lab Code: ACESDG NO.: Q2646Lab File ID: BF143209.DDFTPP Injection Date: 07/23/2025Instrument ID: BNA_FDFTPP Injection Time: 13:34

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.9) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.2 (0.6) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
365	Greater than 1% of mass 198	3.9
441	Present, but less than mass 443	78.8
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.1 (19.1) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF143210.D	07/23/2025	14:33
PB168926TB	PB168926TB	BF143211.D	07/23/2025	15:02
PB168954BS	PB168954BS	BF143213.D	07/23/2025	16:00

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q2646

Client ID : SSTDCCC040

Date Analyzed: 07/22/2025

Lab File ID: BF143189.D

Time Analyzed: 15:23

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	121745	6.963	475525	8.25	246814	10.00
UPPER LIMIT	243490	7.463	951050	8.745	493628	10.504
LOWER LIMIT	60872.5	6.463	237763	7.745	123407	9.504
EPA SAMPLE NO.						
01 PB168954BL	132474	6.96	517206	8.24	278568	10.00
02 FRAC TANK	49096 *	6.99	345774	8.27	154112	10.00
03 FRAC TANKMS	106919	6.99	403875	8.26	174208	10.01
04 FRAC TANKMSD	103435	6.99	358963	8.27	160601	10.01

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.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q2646

Client ID: SSTDCCC040

Date Analyzed: 07/22/2025

Lab File ID: BF143189.D

Time Analyzed: 15:23

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	395216	11.486	234922	14.127	268523	15.633
UPPER LIMIT	790432	11.986	469844	14.627	537046	16.133
LOWER LIMIT	197608	10.986	117461	13.627	134262	15.133
EPA SAMPLE NO.						
01 PB168954BL	486814	11.49	272386	14.12	282193	15.63
02 FRAC TANK	263977	11.49	258410	14.15	120241 *	15.65
03 FRAC TANKMS	273501	11.49	256851	14.15	185286	15.65
04 FRAC TANKMSD	270710	11.49	252211	14.15	152378	15.65

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.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q2646

Client ID : SSTDCCC040

Date Analyzed: 07/23/2025

Lab File ID: BF143210.D

Time Analyzed: 14:33

Instrument ID: BNA_F

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	97351	6.963	364498	8.25	187438	10.00
UPPER LIMIT	194702	7.463	728996	8.745	374876	10.498
LOWER LIMIT	48675.5	6.463	182249	7.745	93719	9.498
EPA SAMPLE NO.						
01 PB168926TB	116721	6.96	444530	8.24	231009	10.00
02 PB168954BS	127773	6.96	503486	8.25	265187	10.00

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q2646

Client ID: SSTDCCC040

Date Analyzed: 07/23/2025

Lab File ID: BF143210.D

Time Analyzed: 14:33

Instrument ID: BNA_F

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	309922	11.486	228057	14.121	245226	15.627
UPPER LIMIT	619844	11.986	456114	14.621	490452	16.127
LOWER LIMIT	154961	10.986	114029	13.621	122613	15.127
EPA SAMPLE NO.						
01 PB168926TB	395154	11.48	268502	14.12	278322	15.63
02 PB168954BS	449718	11.49	253510	14.13	261797	15.63

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.



SAMPLE DATA

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	07/22/25
Project:	North Arlington, NJ	Date Received:	07/22/25
Client Sample ID:	PB168926TB	SDG No.:	Q2646
Lab Sample ID:	PB168926TB	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
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
BF143211.D	1	07/22/25 09:10	07/23/25 15:02	PB168954

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	12.8	U	12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	5.30	U	5.30	50.0	ug/L
95-48-7	2-Methylphenol	11.2	U	11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	11.0	U	11.0	100	ug/L
67-72-1	Hexachloroethane	6.50	U	6.50	50.0	ug/L
98-95-3	Nitrobenzene	7.60	U	7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	5.40	U	5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	5.10	U	5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	6.20	U	6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	12.2	U	12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	5.20	U	5.20	50.0	ug/L
87-86-5	Pentachlorophenol	15.8	U	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	114		15 (23) - 110 (138)	76%	SPK: 150
13127-88-3	Phenol-d6	113		15 (10) - 110 (134)	75%	SPK: 150
4165-60-0	Nitrobenzene-d5	79.9		30 (67) - 130 (132)	80%	SPK: 100
321-60-8	2-Fluorobiphenyl	78.0		30 (52) - 130 (132)	78%	SPK: 100
118-79-6	2,4,6-Tribromophenol	119		15 (44) - 110 (137)	79%	SPK: 150
1718-51-0	Terphenyl-d14	72.7		30 (42) - 130 (152)	73%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	117000	6.963			
1146-65-2	Naphthalene-d8	445000	8.24			
15067-26-2	Acenaphthene-d10	231000	9.998			
1517-22-2	Phenanthrene-d10	395000	11.481			
1719-03-5	Chrysene-d12	269000	14.122			
1520-96-3	Perylene-d12	278000	15.627			

Report of Analysis

Client:	Environmental Restoration, LLC		Date Collected:	07/22/25
Project:	North Arlington, NJ		Date Received:	07/22/25
Client Sample ID:	PB168926TB		SDG No.:	Q2646
Lab Sample ID:	PB168926TB		Matrix:	TCLP
Analytical Method:	8270E		% Solid:	0
Sample Wt/Vol:	100	Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:		uL	Test:	TCLP BNA
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
BF143211.D	1	07/22/25 09:10	07/23/25 15:02	PB168954

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143211.D
Acq On : 23 Jul 2025 15:02
Operator : RC/JU
Sample : PB168926TB
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168926TB

Quant Time: Jul 23 15:38:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	116721	20.000	ng	0.00
21) Naphthalene-d8	8.240	136	444530	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	231009	20.000	ng	0.00
64) Phenanthrene-d10	11.481	188	395154	20.000	ng	0.00
76) Chrysene-d12	14.122	240	268502	20.000	ng	0.00
86) Perylene-d12	15.627	264	278322	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	840890	114.005	ng	0.02
7) Phenol-d6	6.587	99	1050509	113.153	ng	0.00
23) Nitrobenzene-d5	7.516	82	712177	79.859	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	283835	118.936	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1318120	78.036	ng	0.00
79) Terphenyl-d14	13.069	244	1312385	72.736	ng	0.00

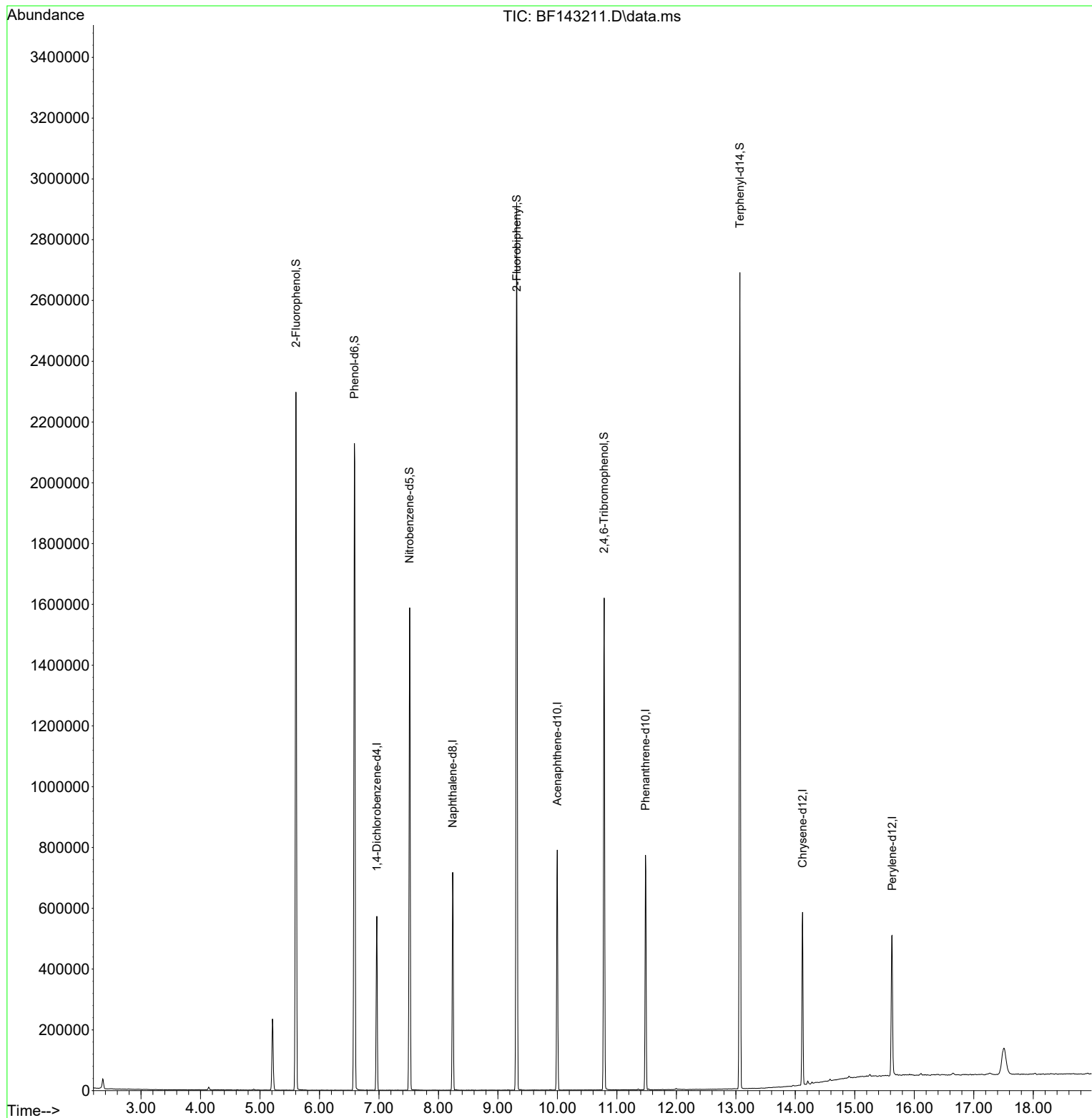
Target Compounds	Qvalue

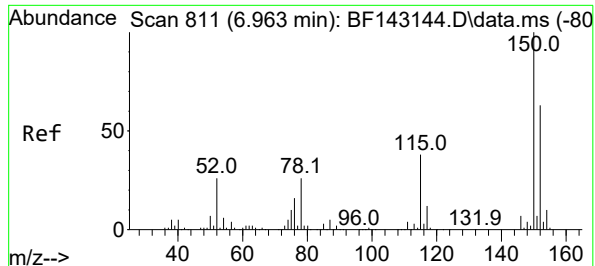
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143211.D
Acq On : 23 Jul 2025 15:02
Operator : RC/JU
Sample : PB168926TB
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168926TB

Quant Time: Jul 23 15:38:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

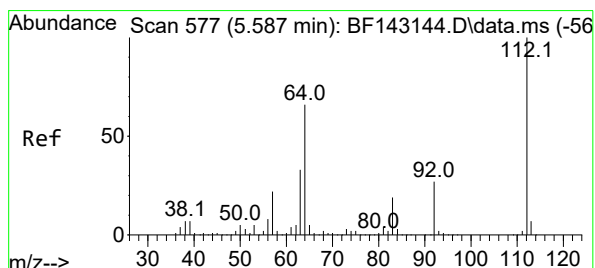
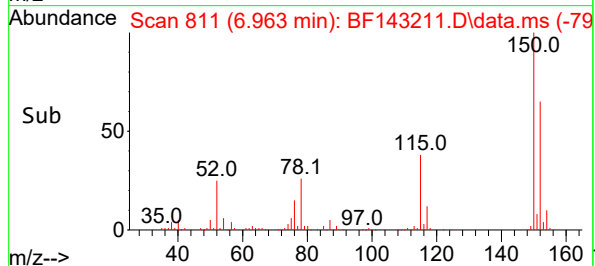
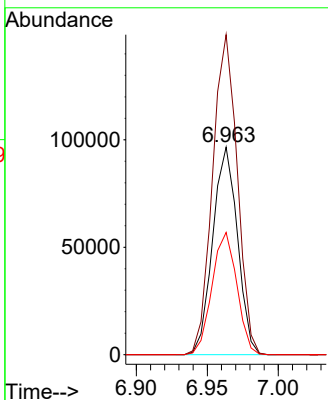
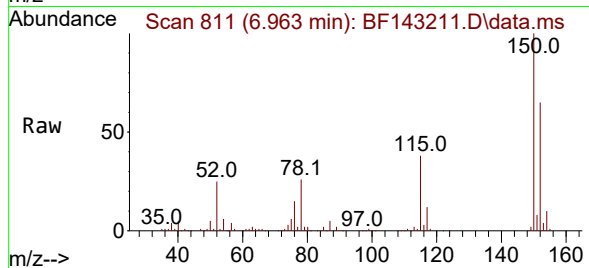




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF143211.D
Acq: 23 Jul 2025 15:02

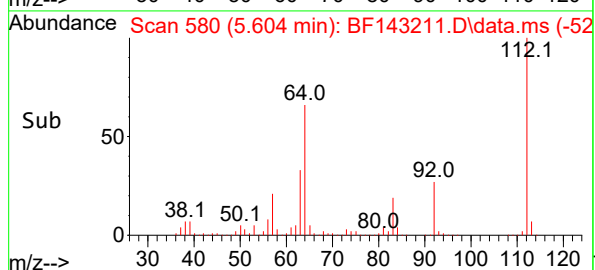
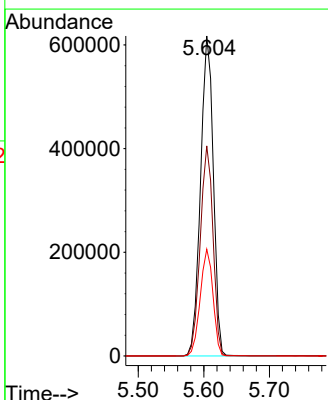
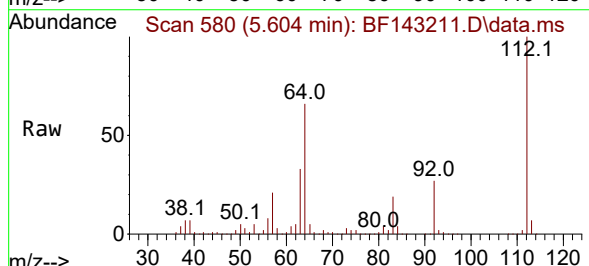
Instrument :
BNA_F
ClientSampleId :
PB168926TB

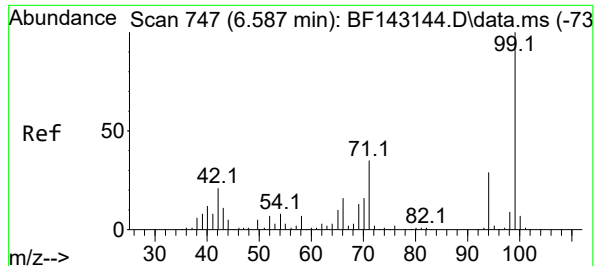
Tgt Ion:152 Resp: 116721
Ion Ratio Lower Upper
152 100
150 154.2 128.2 192.4
115 59.0 47.9 71.9



#5
2-Fluorophenol
Concen: 114.005 ng
RT: 5.604 min Scan# 580
Delta R.T. 0.018 min
Lab File: BF143211.D
Acq: 23 Jul 2025 15:02

Tgt Ion:112 Resp: 840890
Ion Ratio Lower Upper
112 100
64 65.7 53.1 79.7
63 33.4 26.6 40.0

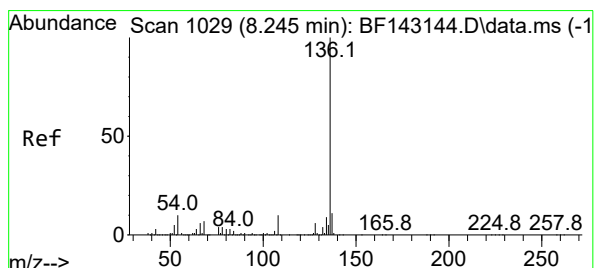
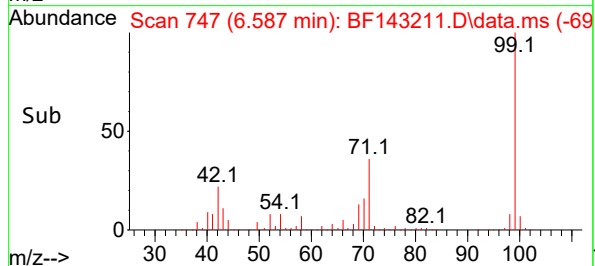
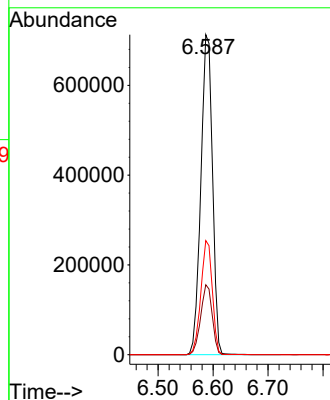
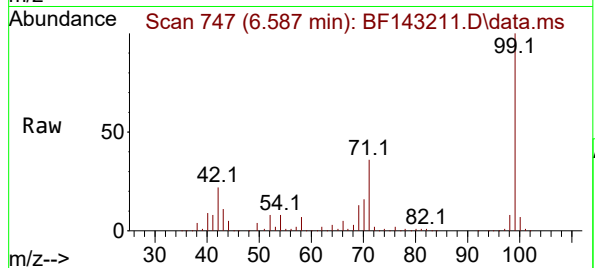




#7
Phenol-d6
Concen: 113.153 ng
RT: 6.587 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF143211.D
Acq: 23 Jul 2025 15:02

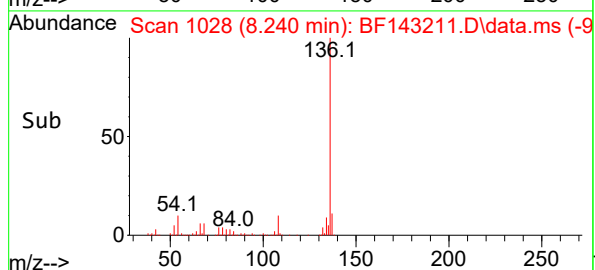
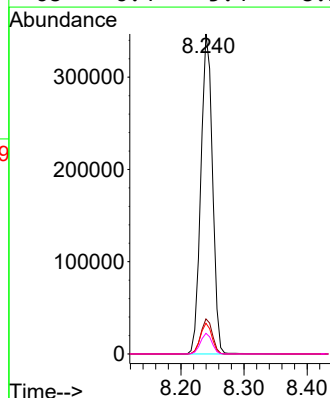
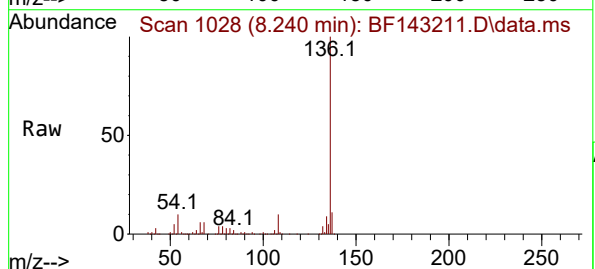
Instrument :
BNA_F
ClientSampleId :
PB168926TB

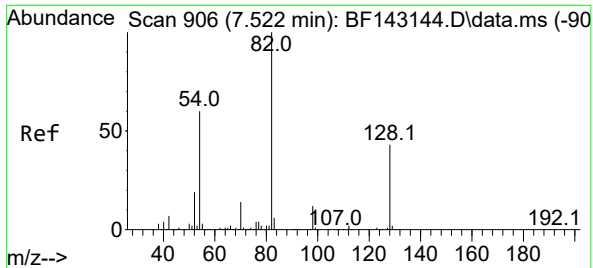
Tgt Ion: 99 Resp: 1050509
Ion Ratio Lower Upper
99 100
42 21.8 17.0 25.6
71 35.6 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.240 min Scan# 1028
Delta R.T. -0.005 min
Lab File: BF143211.D
Acq: 23 Jul 2025 15:02

Tgt Ion: 136 Resp: 444530
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.6 8.2 12.2
68 6.4 5.4 8.2





#23

Nitrobenzene-d5

Concen: 79.859 ng

RT: 7.516 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF143211.D

Acq: 23 Jul 2025 15:02

Instrument :

BNA_F

ClientSampleId :

PB168926TB

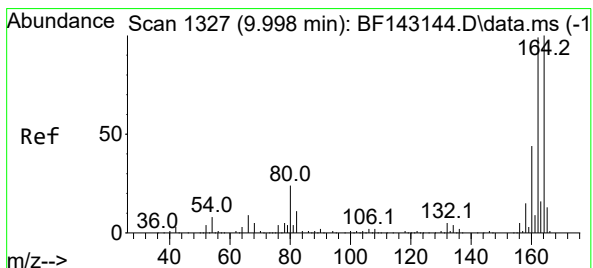
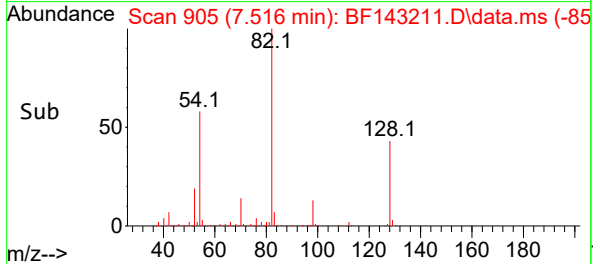
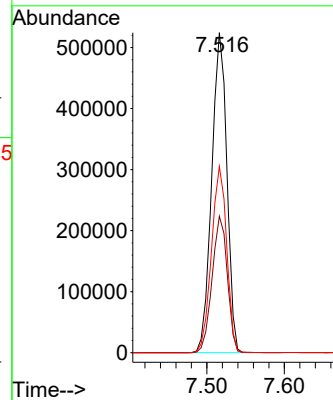
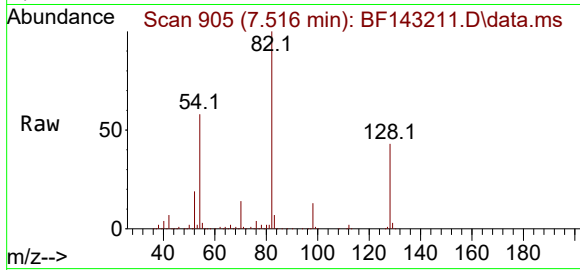
Tgt Ion: 82 Resp: 712177

Ion Ratio Lower Upper

82 100

128 42.6 33.6 50.4

54 58.2 47.1 70.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.998 min Scan# 1327

Delta R.T. 0.000 min

Lab File: BF143211.D

Acq: 23 Jul 2025 15:02

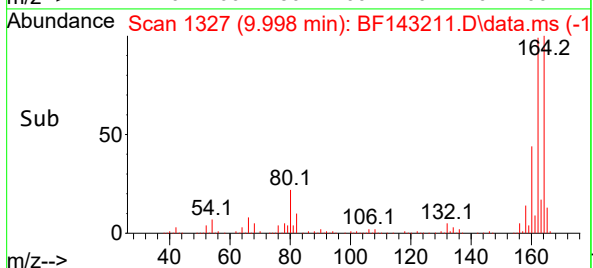
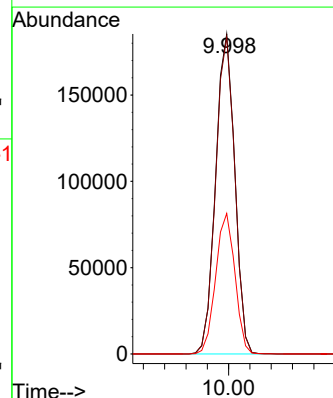
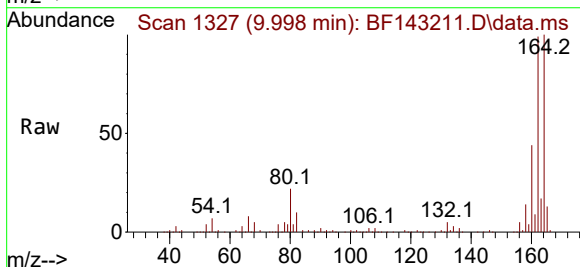
Tgt Ion: 164 Resp: 231009

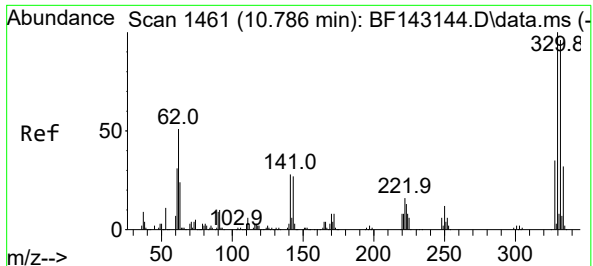
Ion Ratio Lower Upper

164 100

162 99.1 79.0 118.6

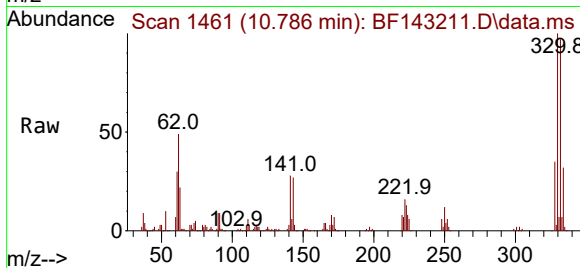
160 43.9 35.1 52.7



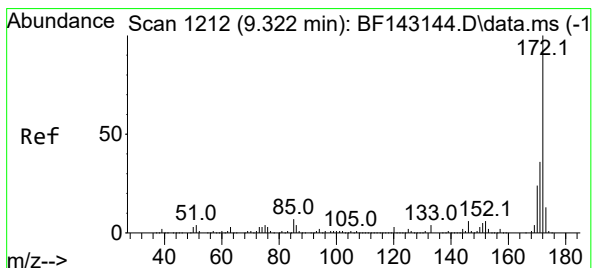
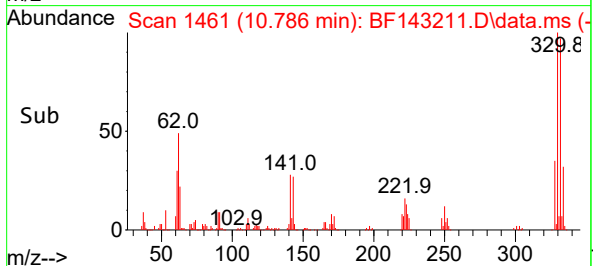
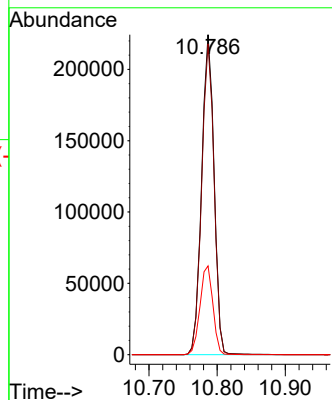


#42
2,4,6-Tribromophenol
Concen: 118.936 ng
RT: 10.786 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BF143211.D
Acq: 23 Jul 2025 15:02

Instrument :
BNA_F
ClientSampleId :
PB168926TB

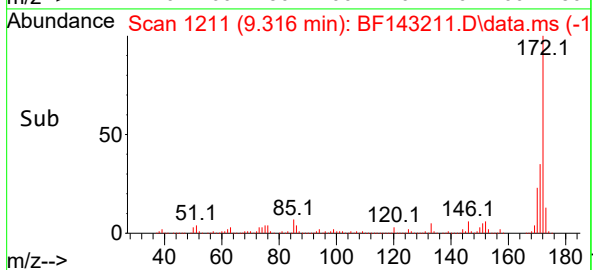
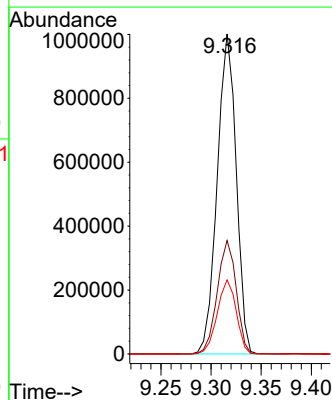
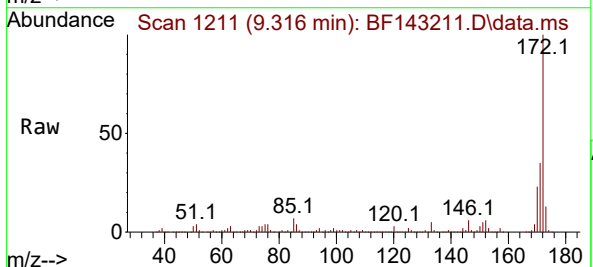


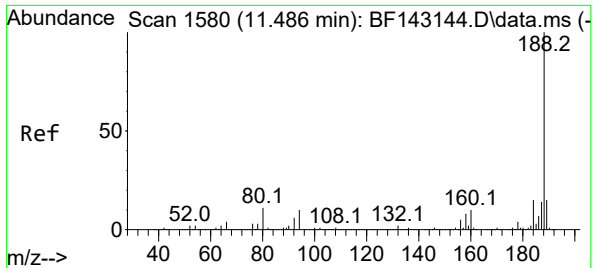
Tgt Ion:330 Resp: 283835
Ion Ratio Lower Upper
330 100
332 96.9 76.7 115.1
141 28.7 23.3 34.9



#45
2-Fluorobiphenyl
Concen: 78.036 ng
RT: 9.316 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF143211.D
Acq: 23 Jul 2025 15:02

Tgt Ion:172 Resp: 1318120
Ion Ratio Lower Upper
172 100
171 35.5 28.6 42.8
170 23.2 18.8 28.2

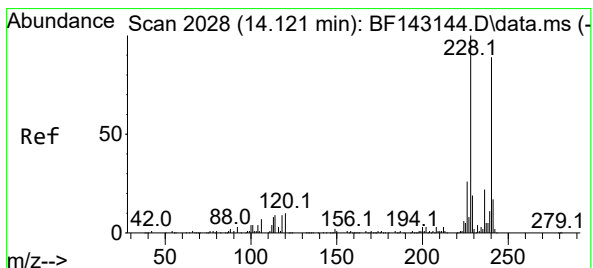
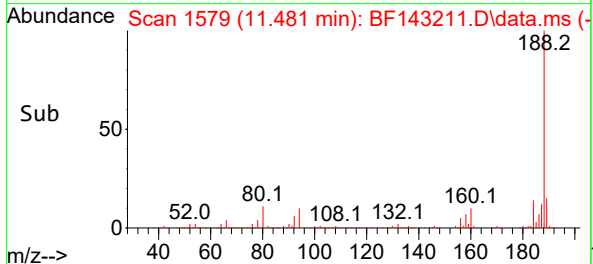
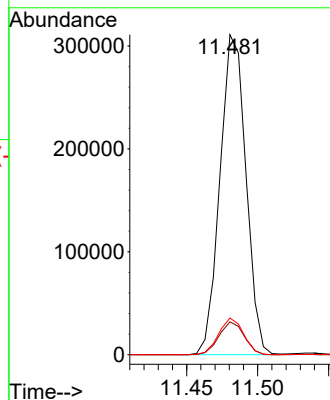
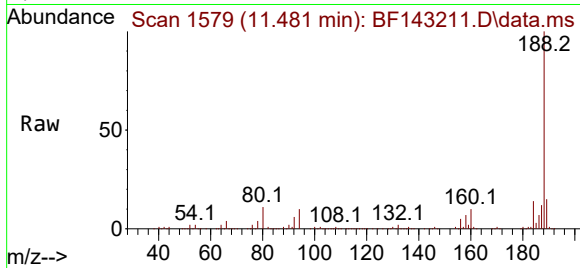




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.481 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF143211.D
Acq: 23 Jul 2025 15:02

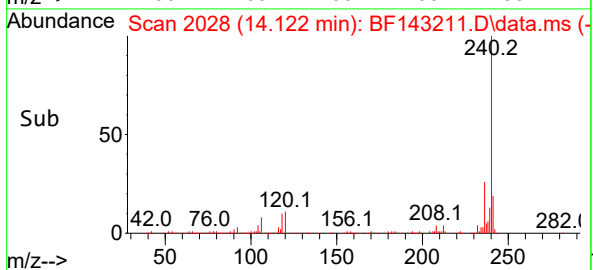
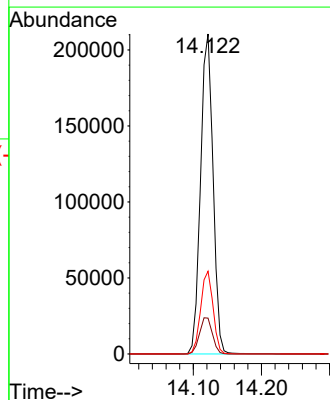
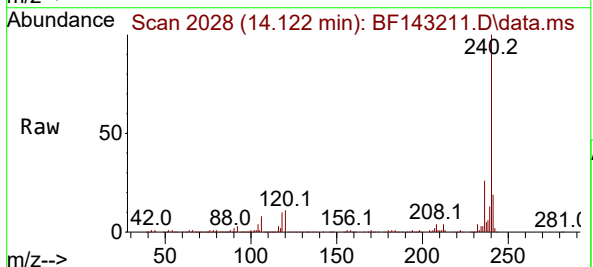
Instrument :
BNA_F
ClientSampleId :
PB168926TB

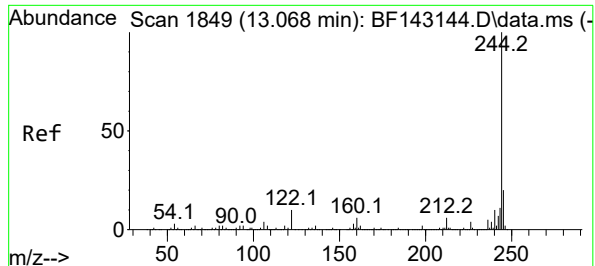
Tgt Ion:188 Resp: 395154
Ion Ratio Lower Upper
188 100
94 10.2 8.3 12.5
80 11.4 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.122 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF143211.D
Acq: 23 Jul 2025 15:02

Tgt Ion:240 Resp: 268502
Ion Ratio Lower Upper
240 100
120 11.2 9.4 14.2
236 25.9 20.2 30.4

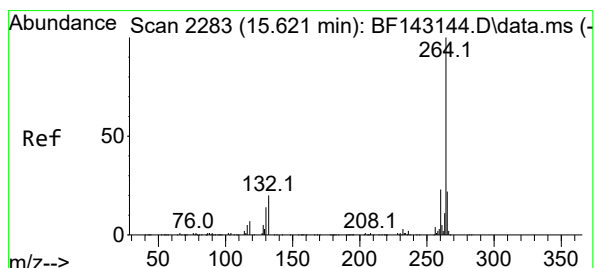
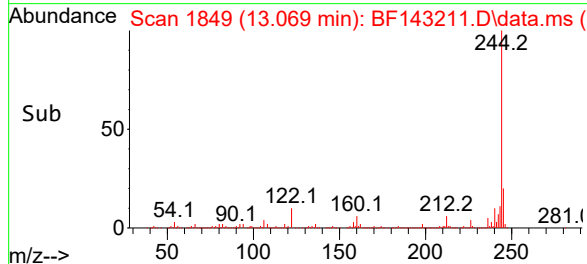
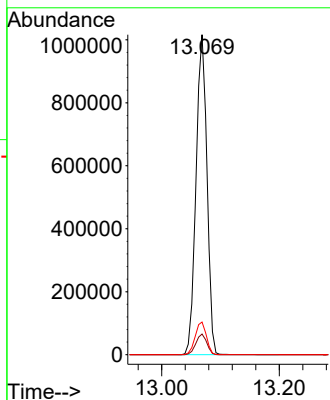
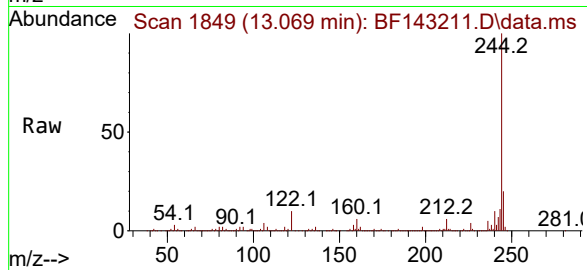




#79
 Terphenyl-d14
 Concen: 72.736 ng
 RT: 13.069 min Scan# 1849
 Delta R.T. 0.000 min
 Lab File: BF143211.D
 Acq: 23 Jul 2025 15:02

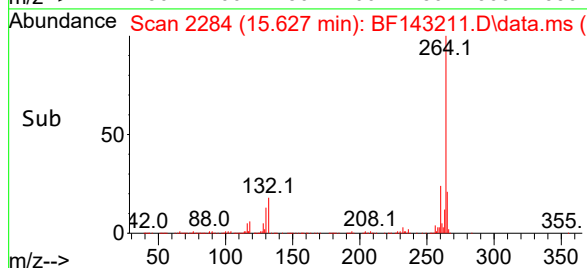
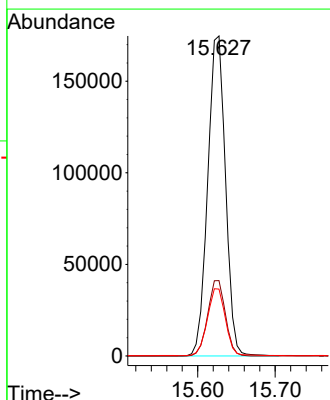
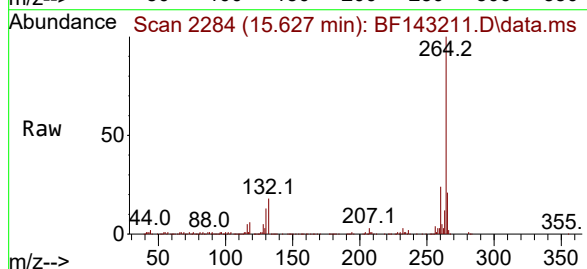
Instrument :
 BNA_F
 ClientSampleId :
 PB168926TB

Tgt Ion:244 Resp: 1312385
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.2 7.8
 122 10.2 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.627 min Scan# 2284
 Delta R.T. 0.006 min
 Lab File: BF143211.D
 Acq: 23 Jul 2025 15:02

Tgt Ion:264 Resp: 278322
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.5 27.7
 265 20.9 17.4 26.2



Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	07/18/25
Project:	North Arlington, NJ	Date Received:	07/18/25
Client Sample ID:	FRAC TANK	SDG No.:	Q2646
Lab Sample ID:	Q2646-03	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
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
BF143198.D	1	07/22/25 09:10	07/22/25 19:51	PB168954

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	12.8	U	12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	5.30	U	5.30	50.0	ug/L
95-48-7	2-Methylphenol	11.2	U	11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	130		11.0	100	ug/L
67-72-1	Hexachloroethane	6.50	U	6.50	50.0	ug/L
98-95-3	Nitrobenzene	7.60	U	7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	5.40	U	5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	5.10	U	5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	6.20	U	6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	12.2	U	12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	5.20	U	5.20	50.0	ug/L
87-86-5	Pentachlorophenol	15.8	U	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	163		15 (23) - 110 (138)	109%	SPK: 150
13127-88-3	Phenol-d6	116		15 (10) - 110 (134)	78%	SPK: 150
4165-60-0	Nitrobenzene-d5	75.9		30 (67) - 130 (132)	76%	SPK: 100
321-60-8	2-Fluorobiphenyl	78.6		30 (52) - 130 (132)	79%	SPK: 100
118-79-6	2,4,6-Tribromophenol	121		15 (44) - 110 (137)	81%	SPK: 150
1718-51-0	Terphenyl-d14	51.9		30 (42) - 130 (152)	52%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	49100	6.987			
1146-65-2	Naphthalene-d8	346000	8.269			
15067-26-2	Acenaphthene-d10	154000	10.004			
1517-22-2	Phenanthrene-d10	264000	11.486			
1719-03-5	Chrysene-d12	258000	14.151			
1520-96-3	Perylene-d12	120000	15.645			

Report of Analysis

Client:	Environmental Restoration, LLC		Date Collected:	07/18/25
Project:	North Arlington, NJ		Date Received:	07/18/25
Client Sample ID:	FRAC TANK		SDG No.:	Q2646
Lab Sample ID:	Q2646-03		Matrix:	TCLP
Analytical Method:	8270E		% Solid:	0
Sample Wt/Vol:	100	Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:		uL	Test:	TCLP BNA
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
BF143198.D	1	07/22/25 09:10	07/22/25 19:51	PB168954

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
 Data File : BF143198.D
 Acq On : 22 Jul 2025 19:51
 Operator : RC/JU
 Sample : Q2646-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FRAC TANK

Quant Time: Jul 23 04:51:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

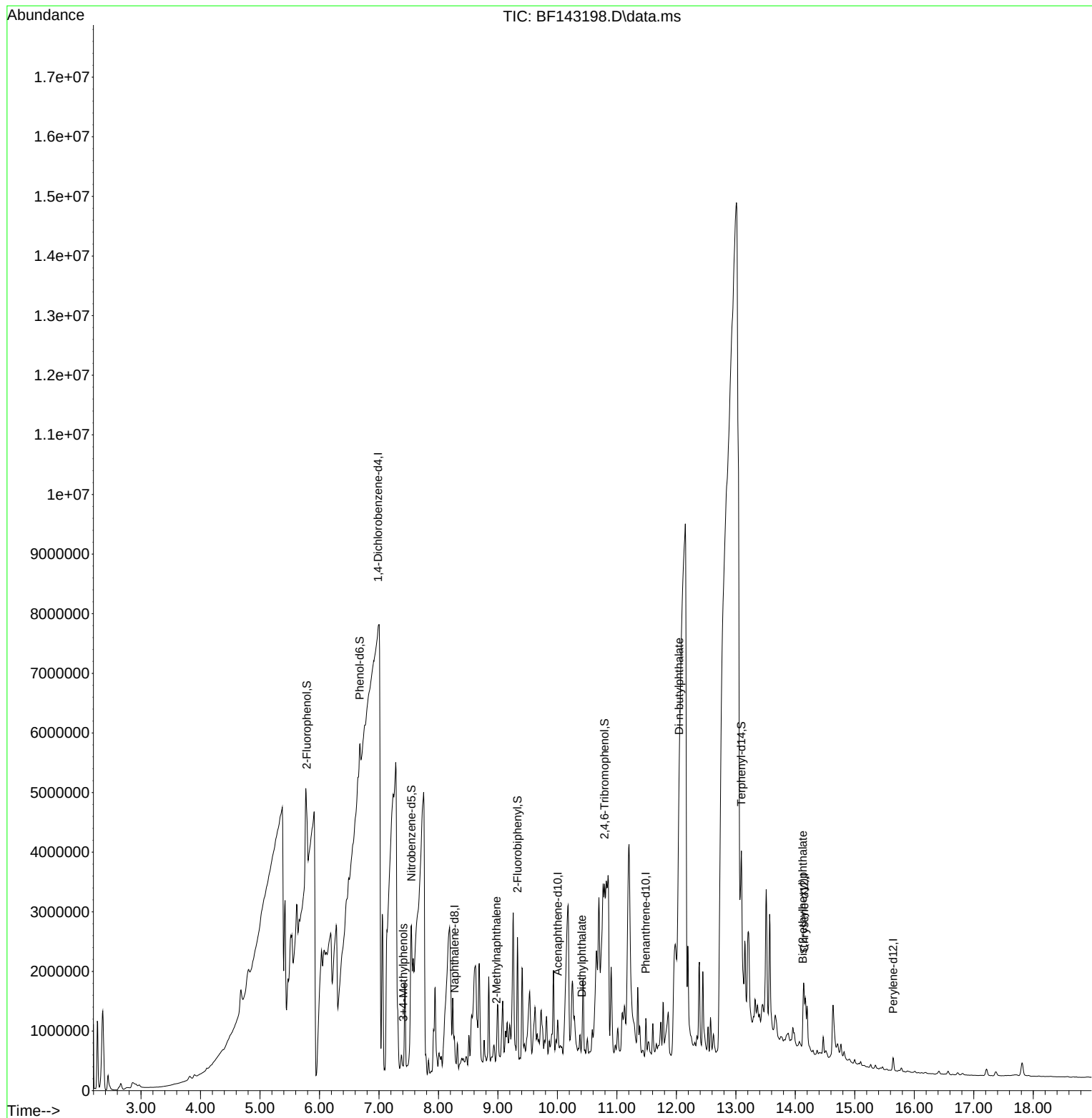
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.987	152	49096	20.000	ng	0.02
21) Naphthalene-d8	8.269	136	345774	20.000	ng	0.02
39) Acenaphthene-d10	10.004	164	154112	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	263977	20.000	ng	0.00
76) Chrysene-d12	14.151	240	258410	20.000	ng	0.03
86) Perylene-d12	15.645	264	120241	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.787	112	505237	162.848	ng	0.20
7) Phenol-d6	6.675	99	454882	116.485	ng	0.09
23) Nitrobenzene-d5	7.545	82	526527	75.905	ng	0.02
42) 2,4,6-Tribromophenol	10.792	330	192596	120.973	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	885683	78.597	ng	0.00
79) Terphenyl-d14	13.092	244	900783	51.873	ng	0.02
Target Compounds						
						Qvalue
20) 3+4-Methylphenols	7.410	107	43141	13.004	ng	# 77
37) 2-Methylnaphthalene	8.975	142	31462	3.036	ng	97
60) Diethylphthalate	10.410	149	97198	9.789	ng	98
74) Di-n-butylphthalate	12.045	149	29957	2.121	ng	# 87
84) Bis(2-ethylhexyl)phtha...	14.127	149	27750	2.715	ng	100

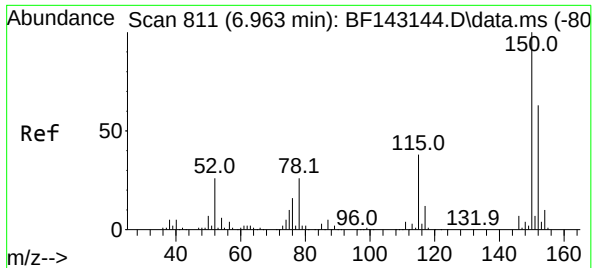
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143198.D
Acq On : 22 Jul 2025 19:51
Operator : RC/JU
Sample : Q2646-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FRAC TANK

Quant Time: Jul 23 04:51:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

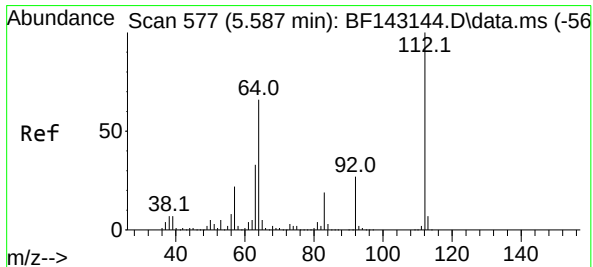
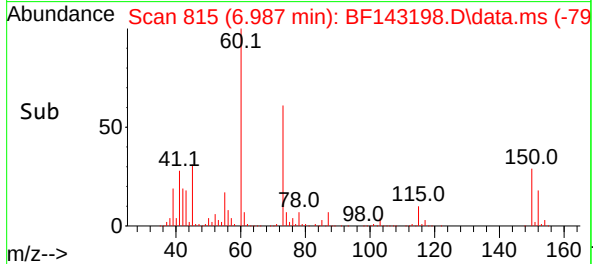
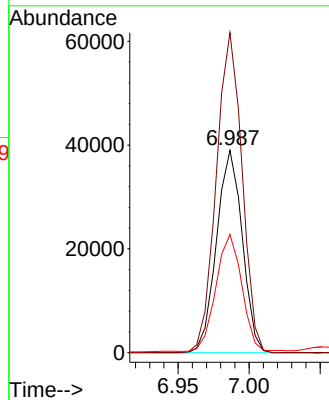
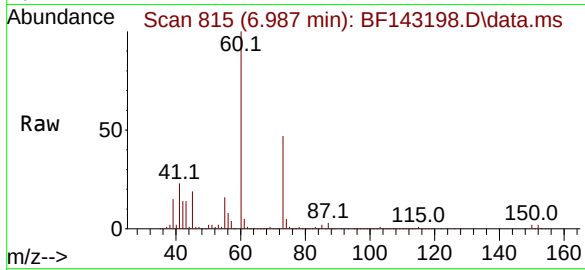




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.987 min Scan# 811
Delta R.T. 0.024 min
Lab File: BF143198.D
Acq: 22 Jul 2025 19:51

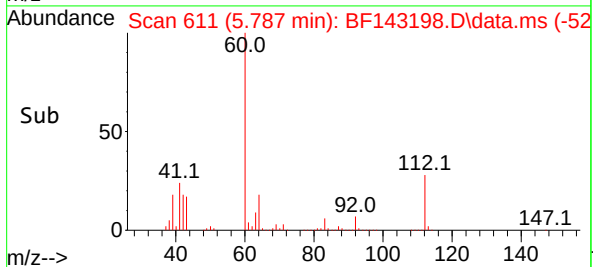
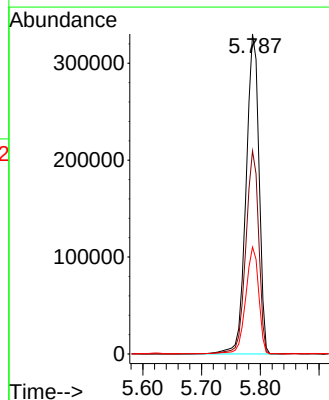
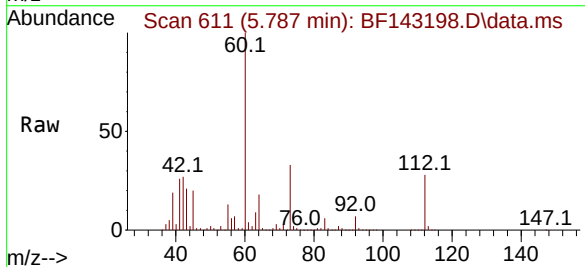
Instrument :
BNA_F
ClientSampleId :
FRAC TANK

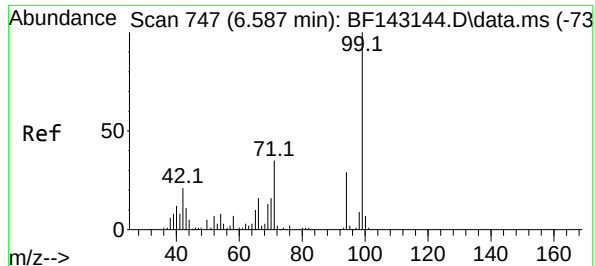
Tgt Ion:152 Resp: 49096
Ion Ratio Lower Upper
152 100
150 158.1 128.2 192.4
115 58.4 47.9 71.9



#5
2-Fluorophenol
Concen: 162.848 ng
RT: 5.787 min Scan# 611
Delta R.T. 0.200 min
Lab File: BF143198.D
Acq: 22 Jul 2025 19:51

Tgt Ion:112 Resp: 505237
Ion Ratio Lower Upper
112 100
64 63.5 53.1 79.7
63 33.4 26.6 40.0

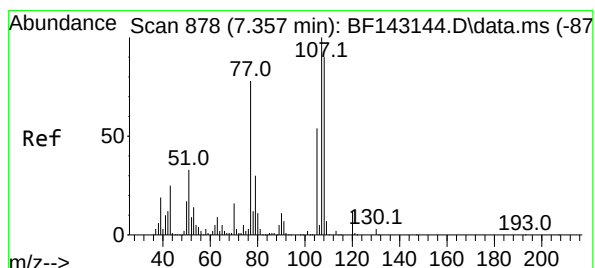
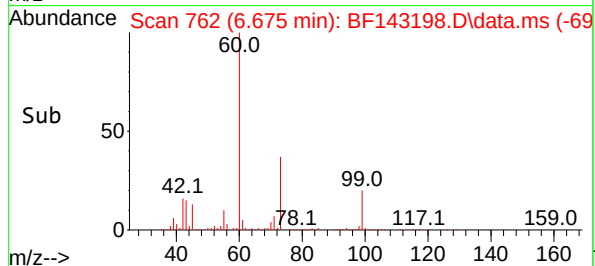
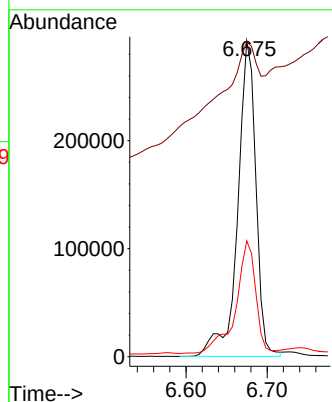
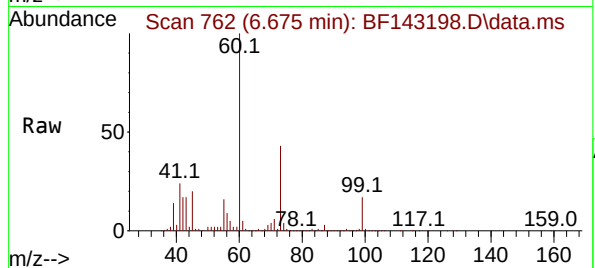




#7
Phenol-d6
Concen: 116.485 ng
RT: 6.675 min Scan# 747
Delta R.T. 0.088 min
Lab File: BF143198.D
Acq: 22 Jul 2025 19:51

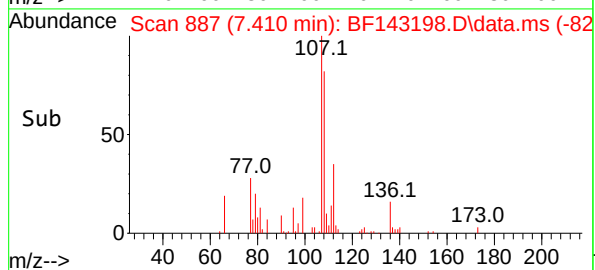
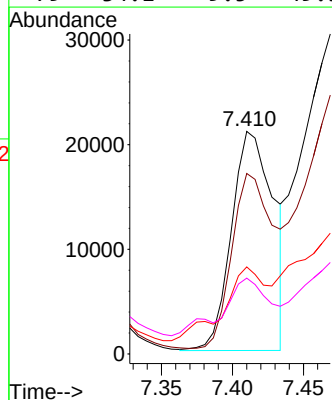
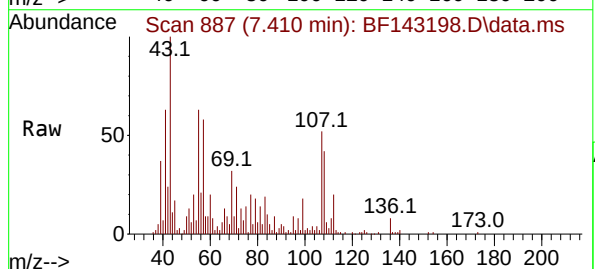
Instrument :
BNA_F
ClientSampleId :
FRAC TANK

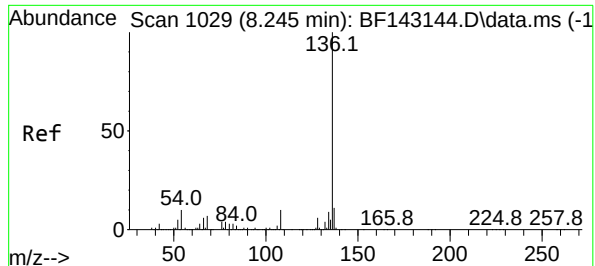
Tgt Ion: 99 Resp: 454882
Ion Ratio Lower Upper
99 100
42 99.6 17.0 25.6#
71 36.6 27.7 41.5



#20
3+4-Methylphenols
Concen: 13.004 ng
RT: 7.410 min Scan# 887
Delta R.T. 0.053 min
Lab File: BF143198.D
Acq: 22 Jul 2025 19:51

Tgt Ion: 107 Resp: 43141
Ion Ratio Lower Upper
107 100
108 81.1 70.0 110.0
77 39.1 57.8 97.8#
79 34.1 9.5 49.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.269 min Scan# 1029

Delta R.T. 0.024 min

Lab File: BF143198.D

Acq: 22 Jul 2025 19:51

Instrument :

BNA_F

ClientSampleId :

FRAC TANK

Tgt Ion:136 Resp: 345774

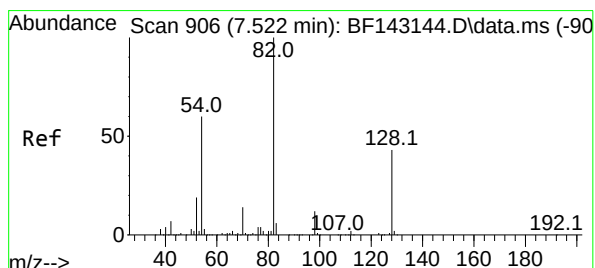
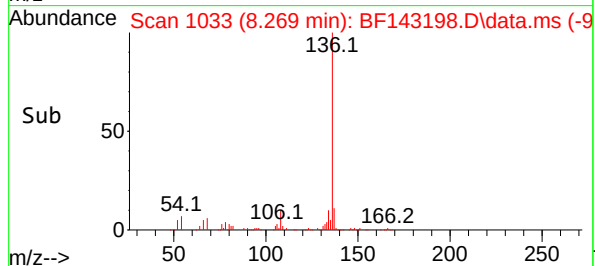
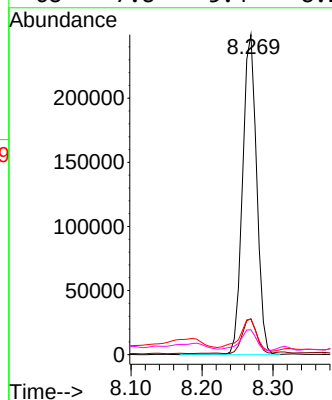
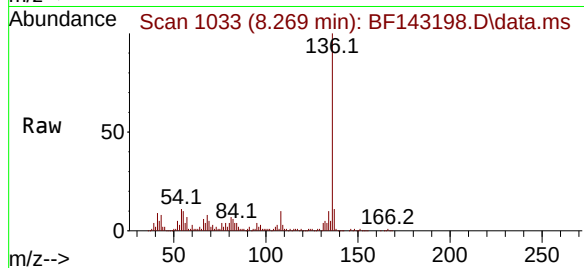
Ion Ratio Lower Upper

136 100

137 11.2 8.6 13.0

54 11.1 8.2 12.2

68 7.8 5.4 8.2



#23

Nitrobenzene-d5

Concen: 75.905 ng

RT: 7.545 min Scan# 910

Delta R.T. 0.024 min

Lab File: BF143198.D

Acq: 22 Jul 2025 19:51

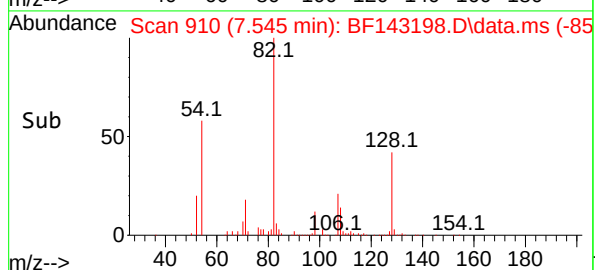
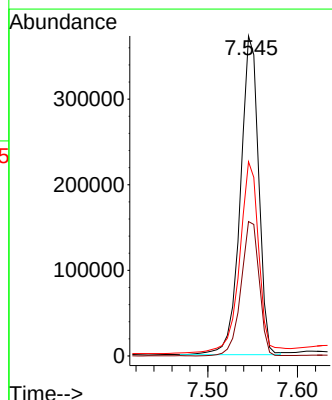
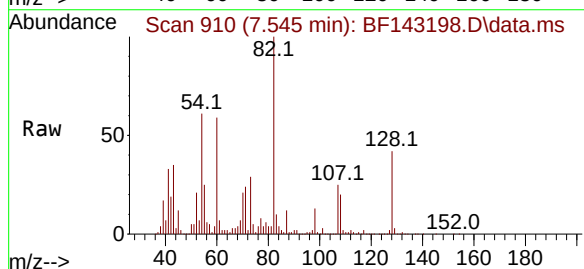
Tgt Ion: 82 Resp: 526527

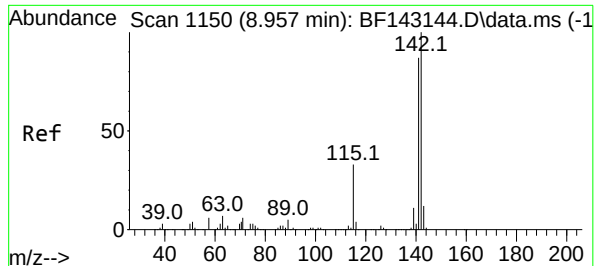
Ion Ratio Lower Upper

82 100

128 42.0 33.6 50.4

54 60.7 47.1 70.7





#37

2-Methylnaphthalene

Concen: 3.036 ng

RT: 8.975 min Scan# 1150

Delta R.T. 0.018 min

Lab File: BF143198.D

Acq: 22 Jul 2025 19:51

Instrument :

BNA_F

ClientSampleId :

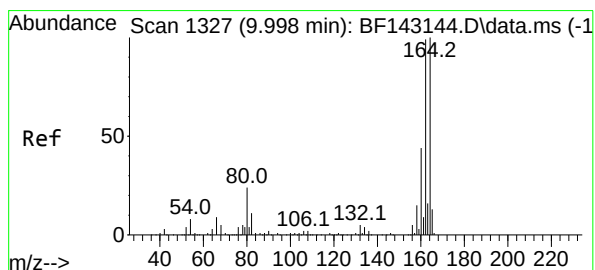
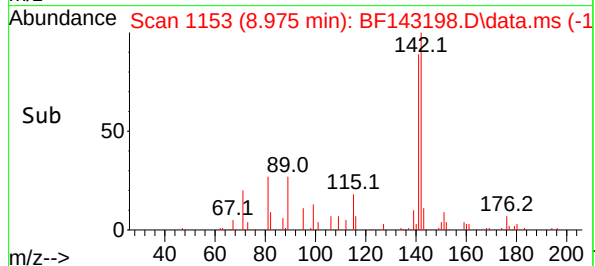
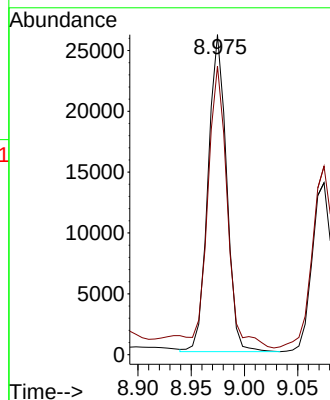
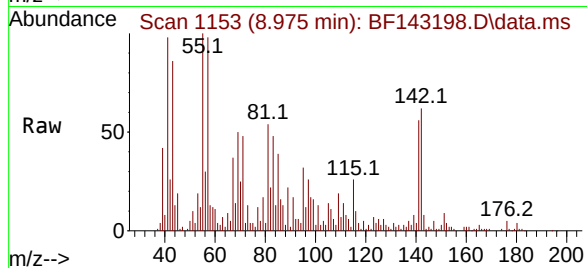
FRAC TANK

Tgt Ion:142 Resp: 31462

Ion Ratio Lower Upper

142 100

141 90.2 69.9 104.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.004 min Scan# 1328

Delta R.T. 0.006 min

Lab File: BF143198.D

Acq: 22 Jul 2025 19:51

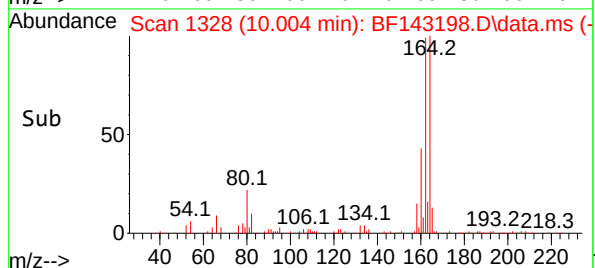
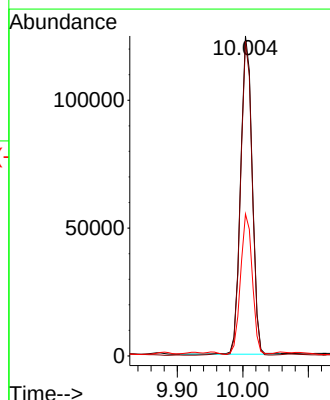
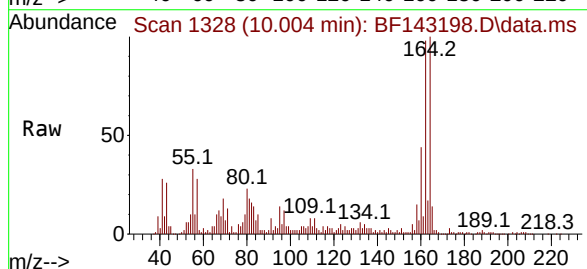
Tgt Ion:164 Resp: 154112

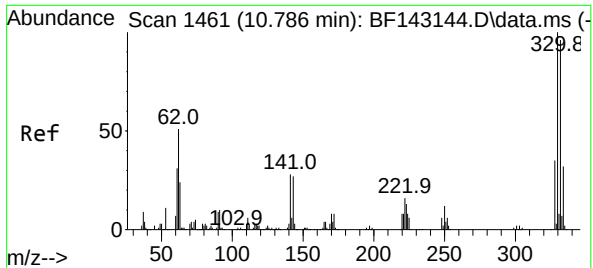
Ion Ratio Lower Upper

164 100

162 98.4 79.0 118.6

160 44.3 35.1 52.7

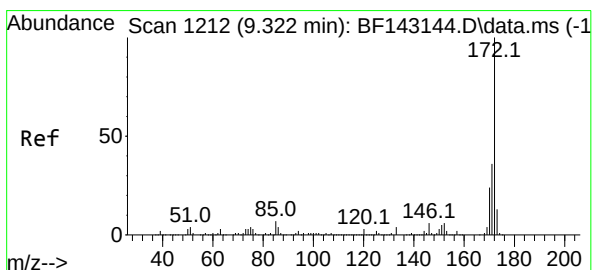
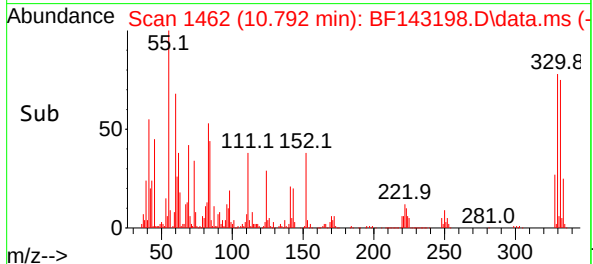
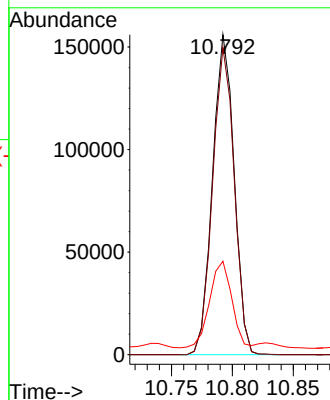
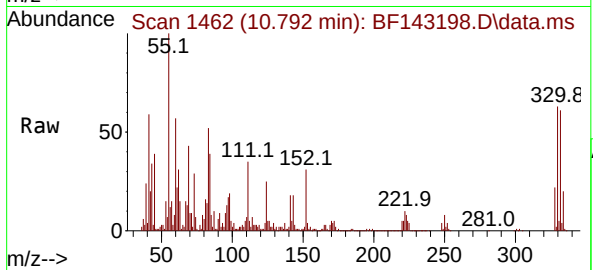




#42
2,4,6-Tribromophenol
Concen: 120.973 ng
RT: 10.792 min Scan# 1461
Delta R.T. 0.006 min
Lab File: BF143198.D
Acq: 22 Jul 2025 19:51

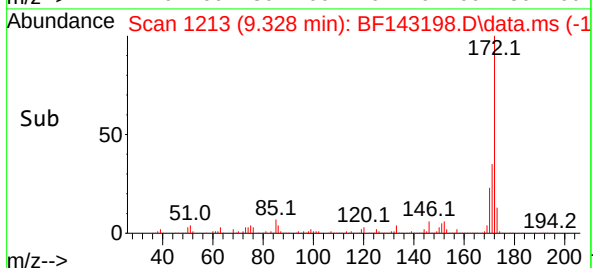
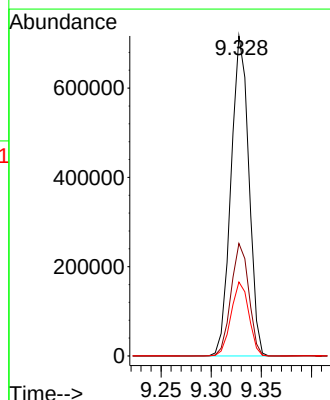
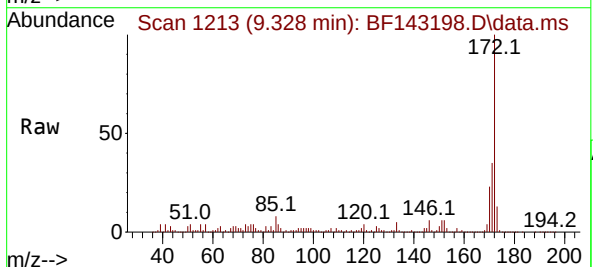
Instrument :
BNA_F
ClientSampleId :
FRAC TANK

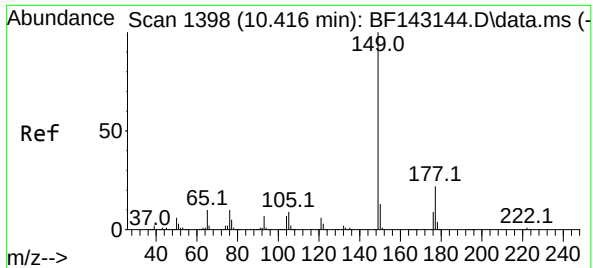
Tgt Ion:330 Resp: 192596
Ion Ratio Lower Upper
330 100
332 96.2 76.7 115.1
141 28.3 23.3 34.9



#45
2-Fluorobiphenyl
Concen: 78.597 ng
RT: 9.328 min Scan# 1213
Delta R.T. 0.006 min
Lab File: BF143198.D
Acq: 22 Jul 2025 19:51

Tgt Ion:172 Resp: 885683
Ion Ratio Lower Upper
172 100
171 35.1 28.6 42.8
170 23.1 18.8 28.2





#60

Diethylphthalate

Concen: 9.789 ng

RT: 10.410 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143198.D

Acq: 22 Jul 2025 19:51

Instrument :

BNA_F

ClientSampleId :

FRAC TANK

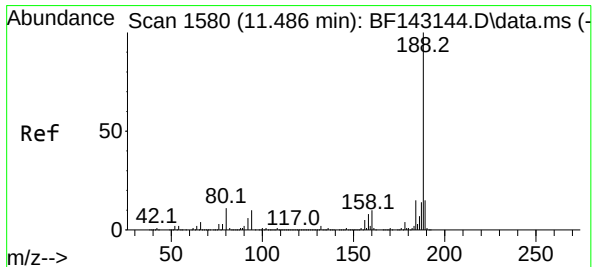
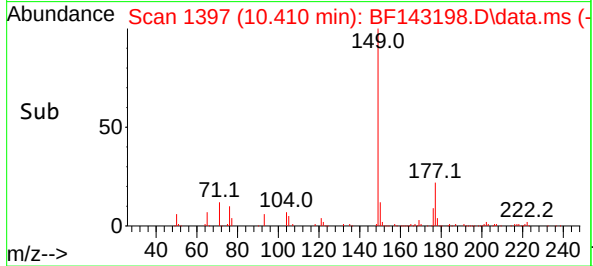
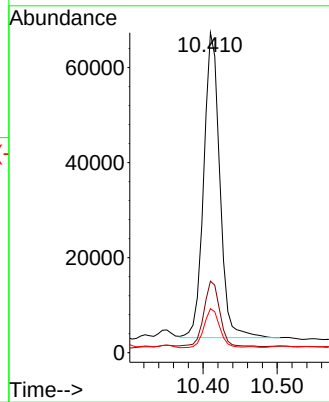
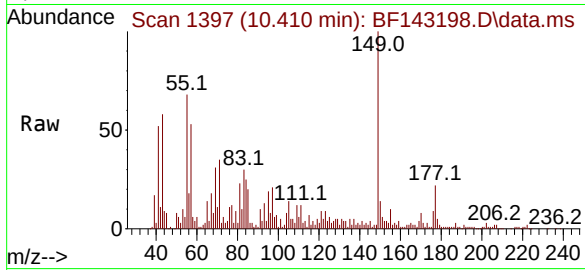
Tgt Ion:149 Resp: 97198

Ion Ratio Lower Upper

149 100

177 22.4 17.5 26.3

150 13.7 10.2 15.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.486 min Scan# 1580

Delta R.T. 0.000 min

Lab File: BF143198.D

Acq: 22 Jul 2025 19:51

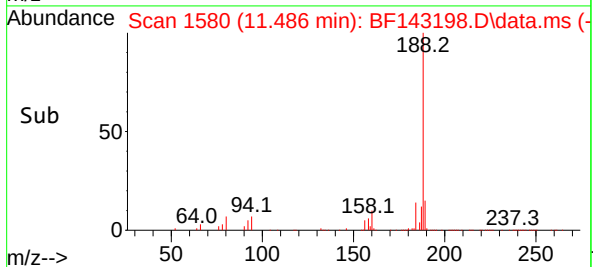
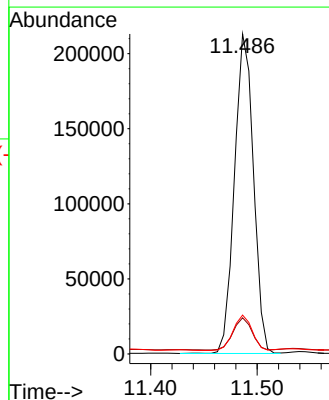
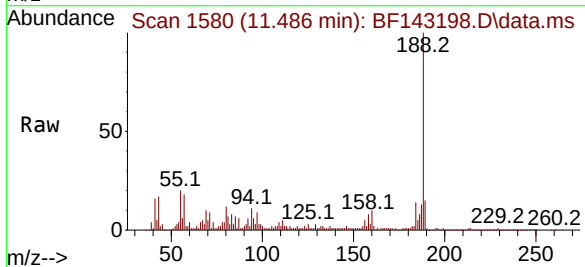
Tgt Ion:188 Resp: 263977

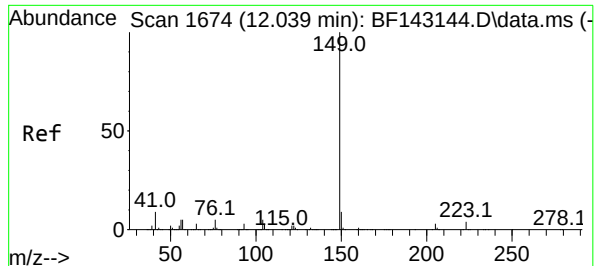
Ion Ratio Lower Upper

188 100

94 11.3 8.3 12.5

80 12.1 9.0 13.6





#74

Di-n-butylphthalate

Concen: 2.121 ng

RT: 12.045 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF143198.D

Acq: 22 Jul 2025 19:51

Instrument :

BNA_F

ClientSampleId :

FRAC TANK

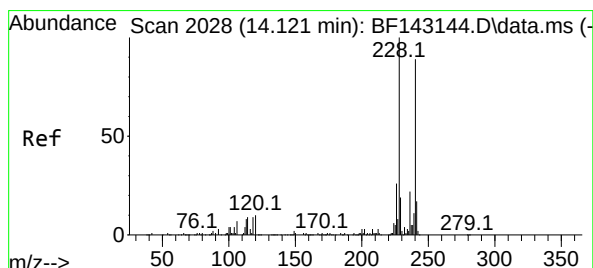
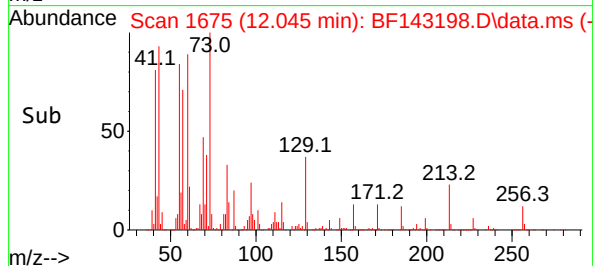
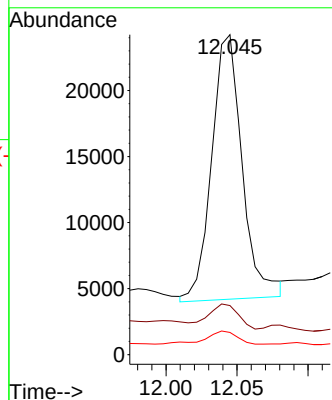
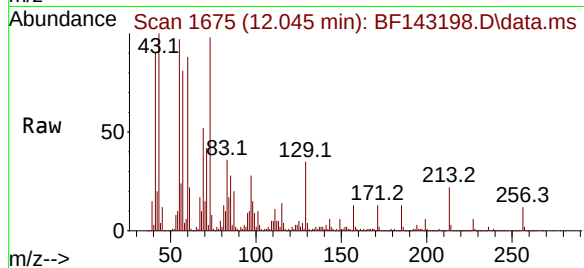
Tgt Ion:149 Resp: 29957

Ion Ratio Lower Upper

149 100

150 15.4 7.4 11.2#

104 7.0 3.8 5.8#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.151 min Scan# 2033

Delta R.T. 0.029 min

Lab File: BF143198.D

Acq: 22 Jul 2025 19:51

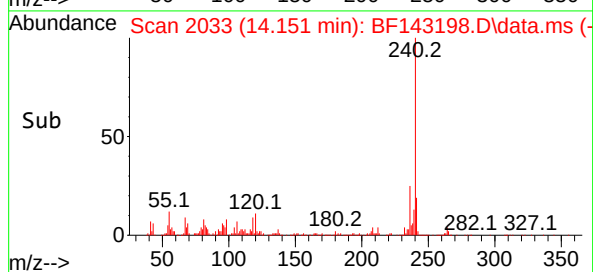
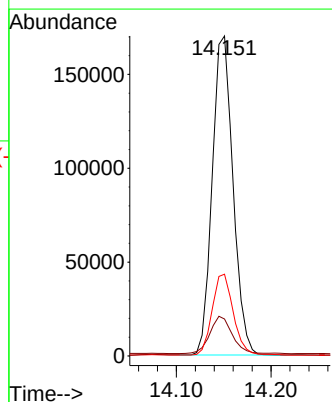
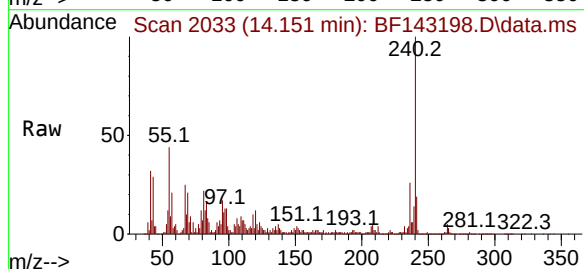
Tgt Ion:240 Resp: 258410

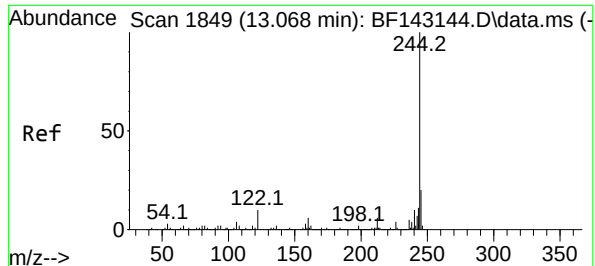
Ion Ratio Lower Upper

240 100

120 11.6 9.4 14.2

236 25.5 20.2 30.4





#79

Terphenyl-d14

Concen: 51.873 ng

RT: 13.092 min Scan# 1853

Delta R.T. 0.024 min

Lab File: BF143198.D

Acq: 22 Jul 2025 19:51

Instrument :

BNA_F

ClientSampleId :

FRAC TANK

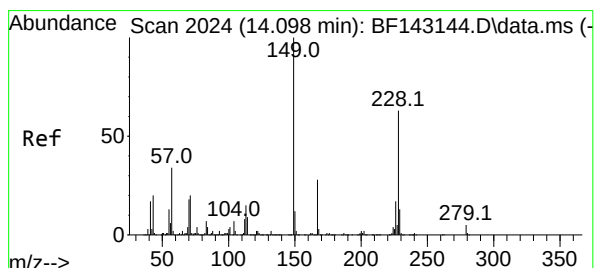
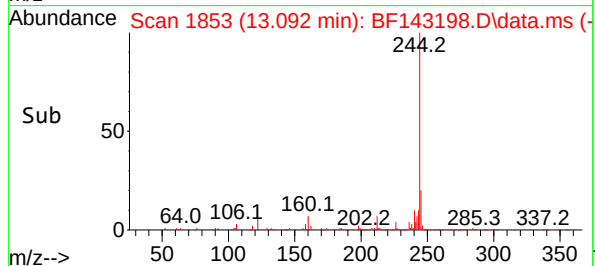
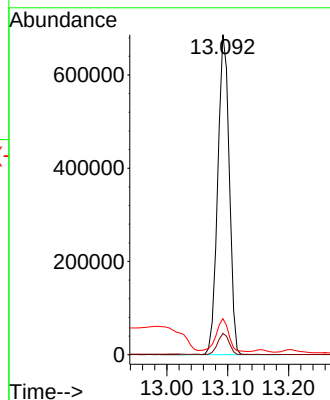
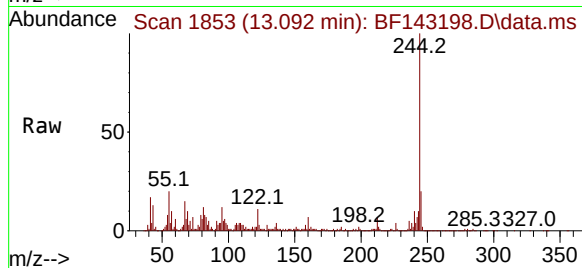
Tgt Ion:244 Resp: 900783

Ion Ratio Lower Upper

244 100

212 6.6 5.2 7.8

122 11.2 8.2 12.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.715 ng

RT: 14.127 min Scan# 2029

Delta R.T. 0.029 min

Lab File: BF143198.D

Acq: 22 Jul 2025 19:51

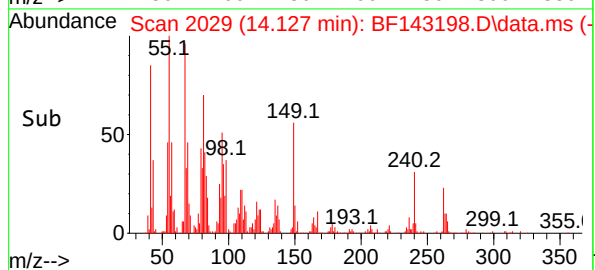
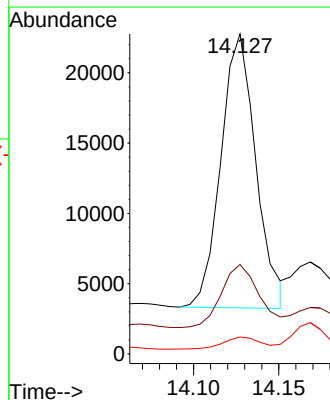
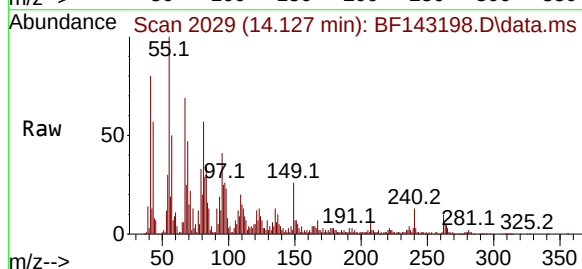
Tgt Ion:149 Resp: 27750

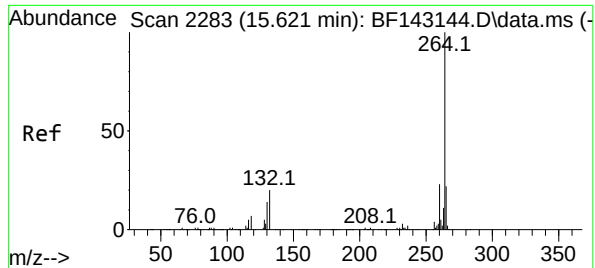
Ion Ratio Lower Upper

149 100

167 27.9 22.3 33.5

279 5.3 3.6 5.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.645 min Scan# 21

Delta R.T. 0.024 min

Lab File: BF143198.D

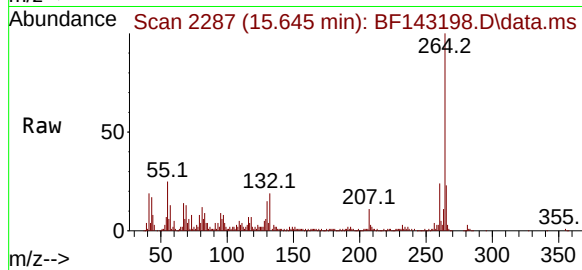
Acq: 22 Jul 2025 19:51

Instrument :

BNA_F

ClientSampleId :

FRAC TANK



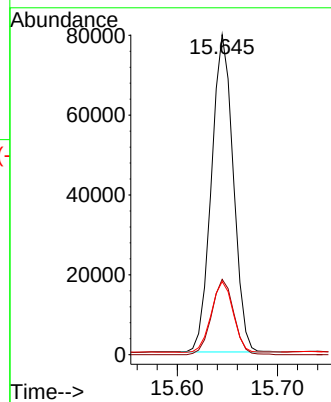
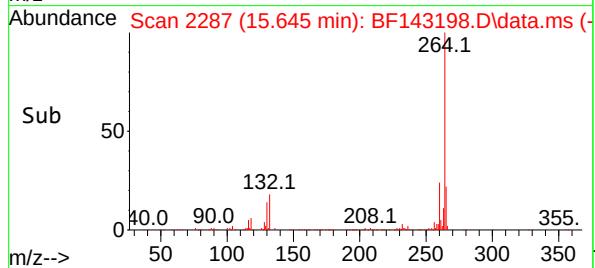
Tgt Ion:264 Resp: 120241

Ion Ratio Lower Upper

264 100

260 23.5 18.5 27.7

265 22.9 17.4 26.2





CALIBRATION SUMMARY



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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: AllianceContract: ENVI60Lab Code: ACESDG No.: Q2646Instrument ID: BNA_FCalibration Date(s): 07/17/2025 07/17/2025Calibration Time(s): 11:04 14:34

LAB FILE ID:		RRF2.5 = BF143140.D		RRF005 = BF143141.D		RRF010 = BF143142.D		
		RRF020 = BF143143.D		RRF040 = BF143144.D		RRF050 = BF143145.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Pyridine		1.631	1.557	1.551	1.530	1.618	1.552	3.9
2-Fluorophenol		1.385	1.313	1.319	1.231	1.284	1.264	7.0
Phenol-d6		1.733	1.640	1.657	1.554	1.632	1.591	6.7
1,4-Dichlorobenzene		1.602	1.518	1.502	1.418	1.473	1.449	7.5
2-Methylphenol		1.178	1.111	1.141	1.097	1.160	1.114	4.6
3+4-Methylphenols			1.467	1.469	1.341	1.402	1.351	8.9
Nitrobenzene-d5		0.407	0.394	0.417	0.399	0.417	0.401	3.5
Hexachloroethane		0.522	0.498	0.522	0.495	0.525	0.502	4.7
Nitrobenzene		0.380	0.370	0.388	0.375	0.388	0.374	3.9
Hexachlorobutadiene		0.193	0.190	0.191	0.181	0.188	0.184	4.6
2,4,6-Trichlorophenol		0.391	0.406	0.412	0.384	0.429	0.400	4.6
2-Fluorobiphenyl		1.761	1.644	1.547	1.358	1.414	1.462	13.6
2,4,5-Trichlorophenol		0.404	0.387	0.411	0.405	0.411	0.400	2.8
2,4-Dinitrotoluene		0.269	0.296	0.342	0.354	0.372	0.333	11.0
2,4,6-Tribromophenol		0.200	0.202	0.212	0.210	0.218	0.207	3.5
Hexachlorobenzene		0.269	0.248	0.252	0.239	0.258	0.249	4.8
Pentachlorophenol			0.119	0.146	0.148	0.160	0.147	9.7
Terphenyl-d14		1.567	1.456	1.419	1.311	1.342	1.344	11.4

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

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

Calibration Files

2.5 =BF143140.D 5 =BF143141.D 10 =BF143142.D 20 =BF143143.D 40 =BF143144.D 50 =BF143145.D 60 =BF143146.D 80 =BF143147.D

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

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

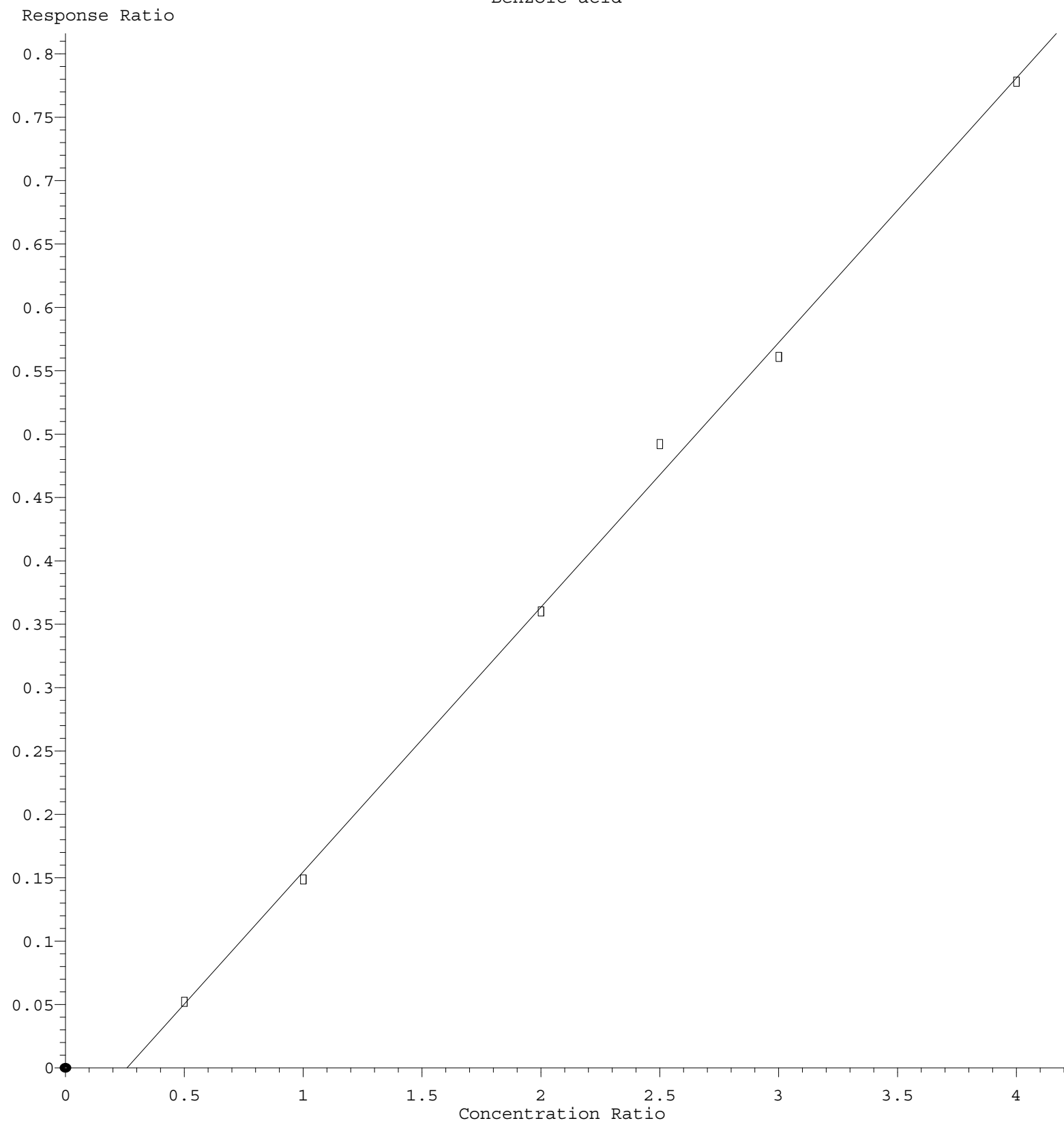
39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.638	0.598	0.601	0.550	0.582	0.558	0.515	0.577	6.93	
41) P	Hexachlorocycl...		0.337	0.373	0.373	0.404	0.393	0.374	0.376	6.14	
42) S	2,4,6-Tribromo...	0.200	0.202	0.212	0.210	0.218	0.206	0.198	0.207	3.55	
43) C	2,4,6-Trichlor...	0.391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

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

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

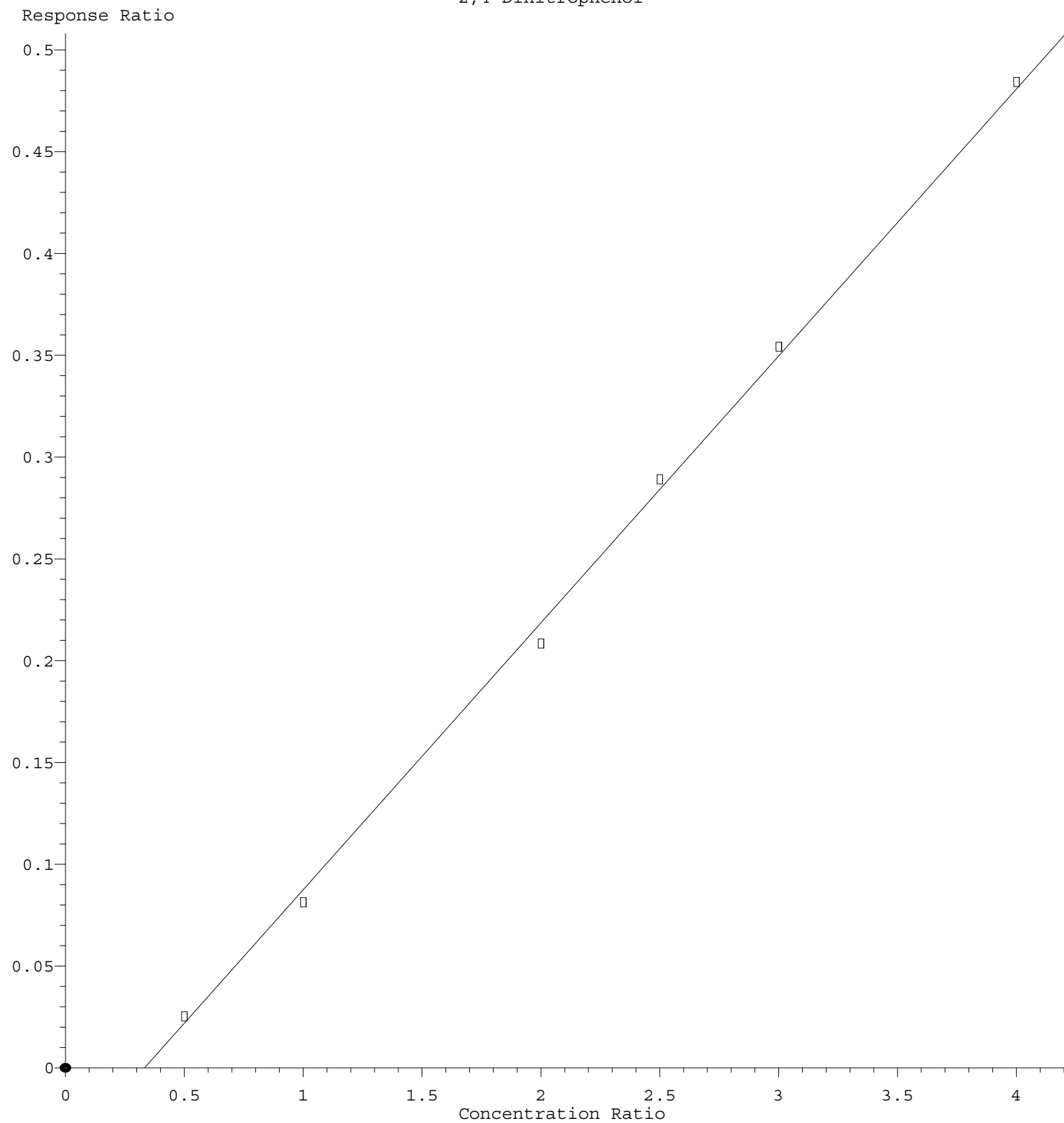
(#) = Out of Range

Benzoic acid



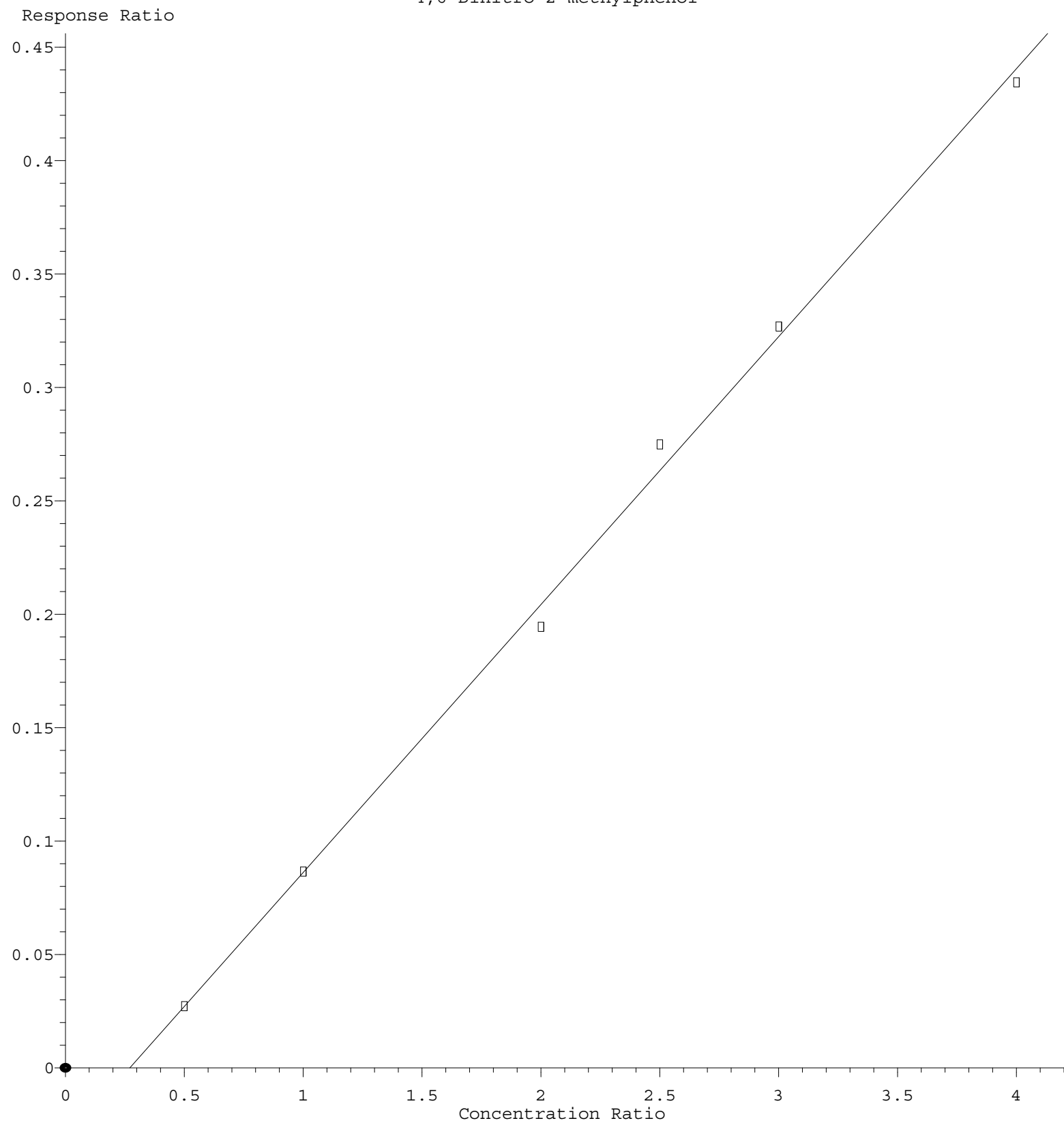
Response = $2.090 \times 10^{-1} \times \text{Amt} - 5.410 \times 10^{-2}$
 Coef of Det (r^2) = 0.998491 Curve Fit: wlr(1/a)
 Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF071725.M
 Calibration Table Last Updated: Thu Jul 17 15:14:05 2025

2,4-Dinitrophenol



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

4,6-Dinitro-2-methylphenol



Response = $1.182 \times 10^{-1} \times \text{Amt} - 3.198 \times 10^{-2}$
 Coef of Det (r^2) = 0.998318 Curve Fit: wlr(1/a)
 Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF071725.M
 Calibration Table Last Updated: Thu Jul 17 15:14:05 2025

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

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

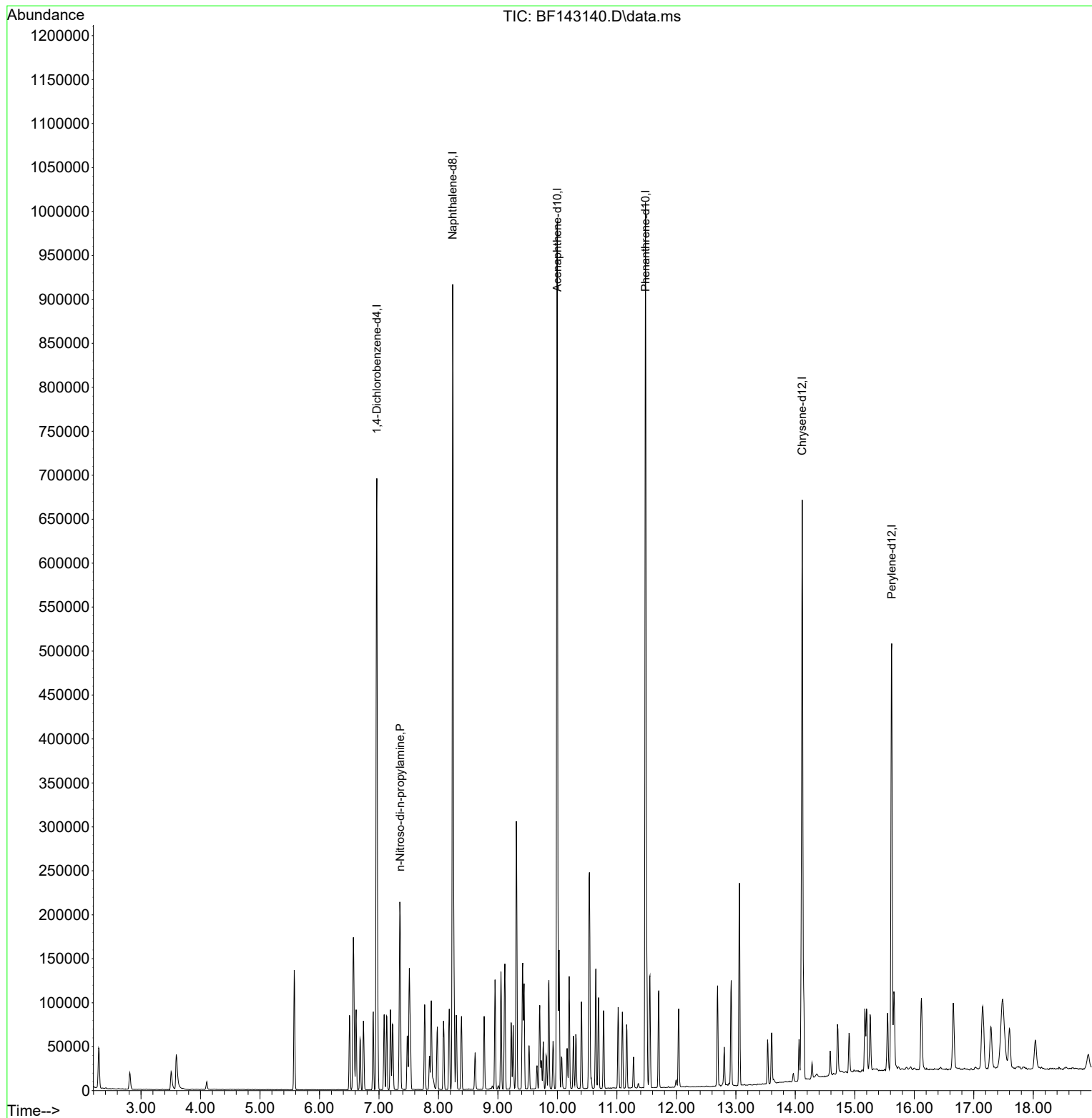
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	139766	20.000	ng	0.00
21) Naphthalene-d8	8.240	136	547280	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	293149	20.000	ng	0.00
64) Phenanthrene-d10	11.481	188	492765	20.000	ng	0.00
76) Chrysene-d12	14.116	240	283469	20.000	ng	0.00
86) Perylene-d12	15.621	264	284847	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.357	70	19227	2.696	ng	Qvalue 96

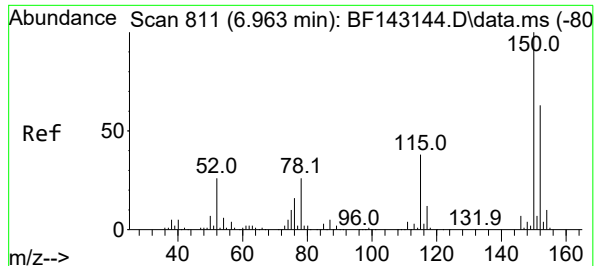
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.963 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF143140.D

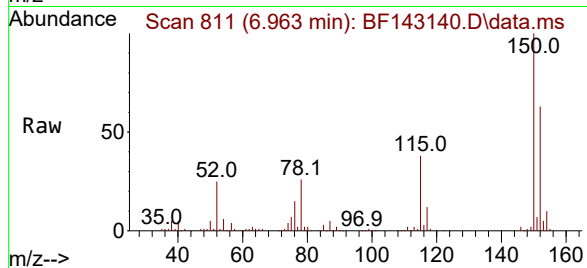
Acq: 17 Jul 2025 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



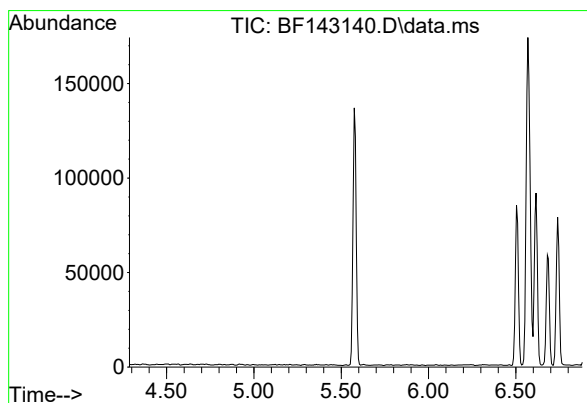
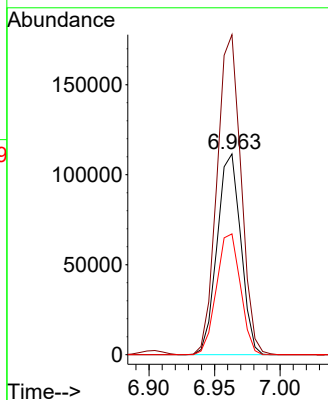
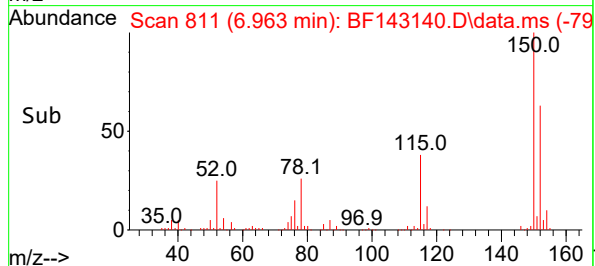
Tgt Ion:152 Resp: 139766

Ion Ratio Lower Upper

152 100

150 159.4 128.2 192.4

115 60.2 47.9 71.9



#5

2-Fluorophenol

Concen: 0.000 ng

Expected RT: 5.59 min

Lab File: BF143140.D

Acq: 17 Jul 2025 11:04

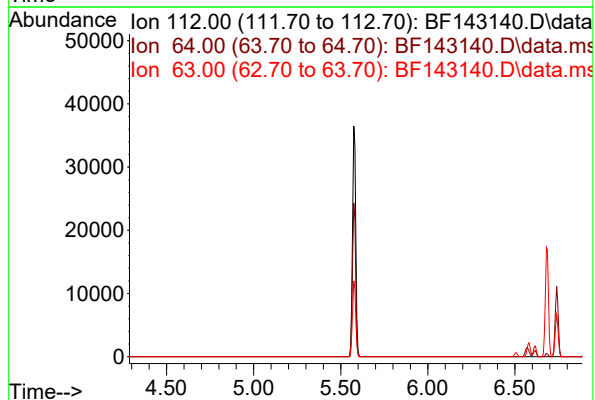
Tgt Ion: 112

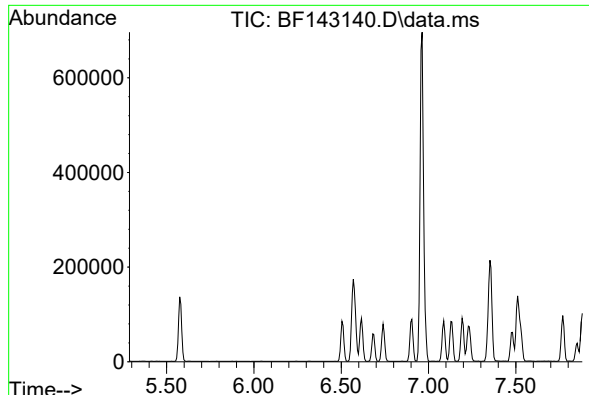
Sig Exp Ratio

112 100

64 66.4

63 33.3





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 6.59 min

Lab File: BF143140.D

Acq: 17 Jul 2025 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

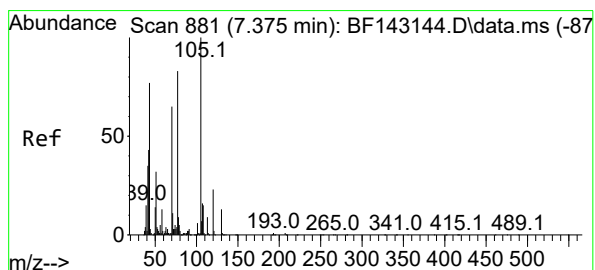
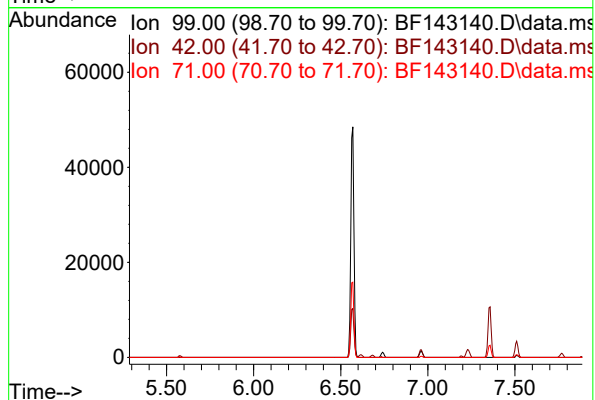
Tgt Ion: 99

Sig Exp Ratio

99 100

42 21.3

71 34.6



#19

n-Nitroso-di-n-propylamine

Concen: 2.696 ng

RT: 7.357 min Scan# 878

Delta R.T. -0.017 min

Lab File: BF143140.D

Acq: 17 Jul 2025 11:04

Tgt Ion: 70 Resp: 19227

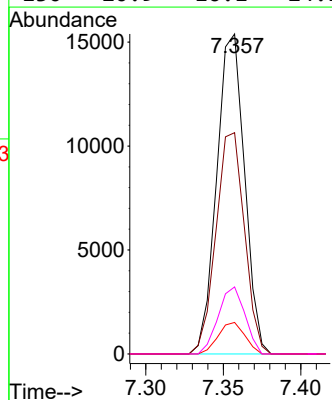
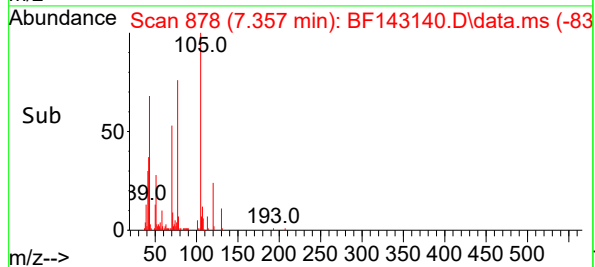
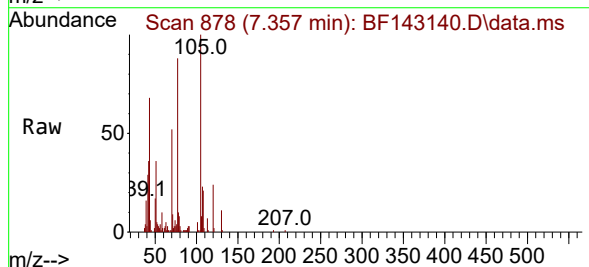
Ion Ratio Lower Upper

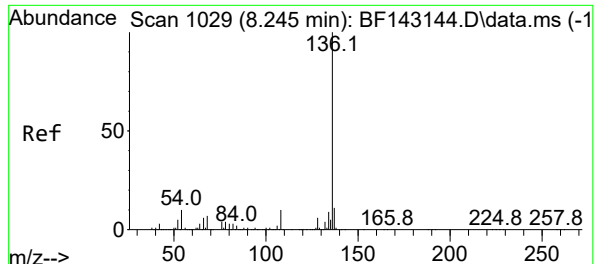
70 100

42 69.2 52.5 78.7

101 9.9 7.6 11.4

130 20.9 16.1 24.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.240 min Scan# 1

Delta R.T. -0.005 min

Lab File: BF143140.D

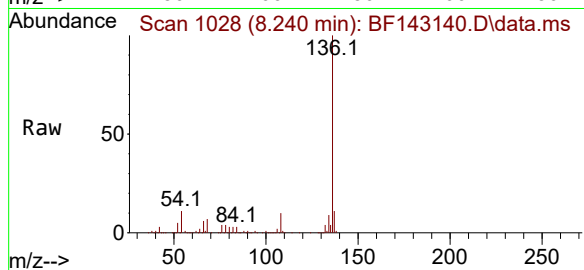
Acq: 17 Jul 2025 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



Tgt Ion:136 Resp: 547280

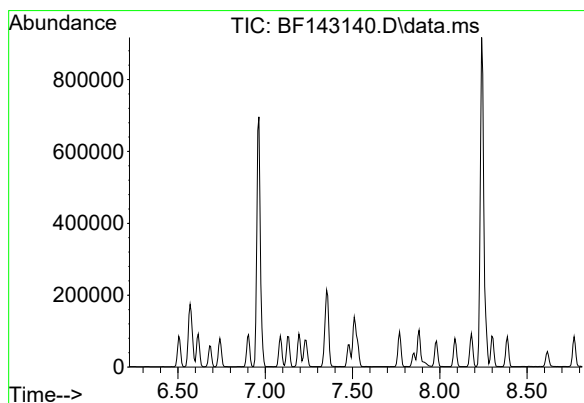
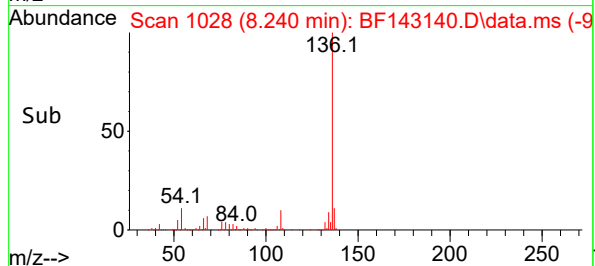
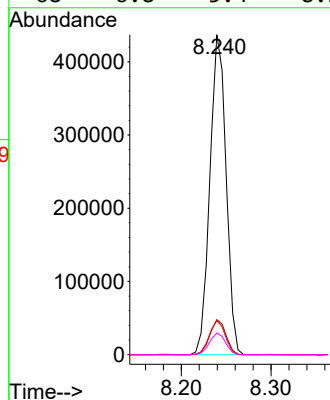
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 10.6 8.2 12.2

68 6.8 5.4 8.2



#23

Nitrobenzene-d5

Concen: 0.000 ng

Expected RT: 7.52 min

Lab File: BF143140.D

Acq: 17 Jul 2025 11:04

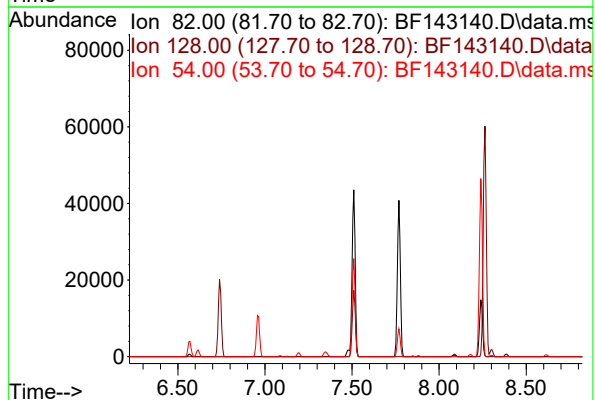
Tgt Ion: 82

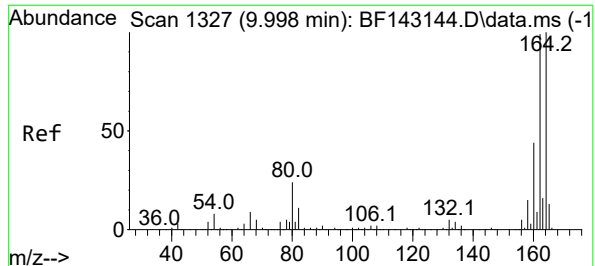
Sig Exp Ratio

82 100

128 42.0

54 58.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.998 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143140.D

Acq: 17 Jul 2025 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

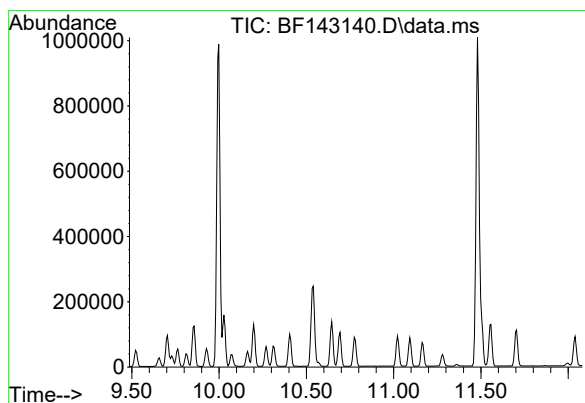
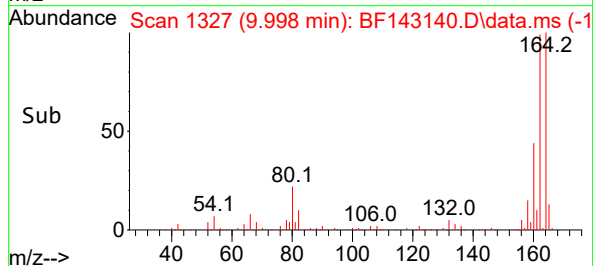
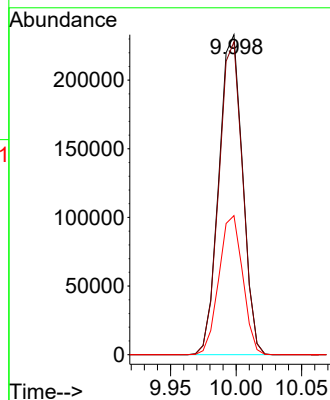
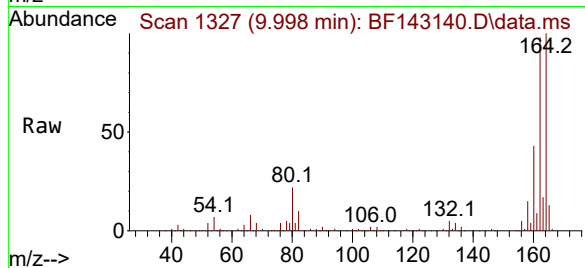
Tgt Ion:164 Resp: 293149

Ion Ratio Lower Upper

164 100

162 97.7 79.0 118.6

160 43.5 35.1 52.7



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 10.79 min

Lab File: BF143140.D

Acq: 17 Jul 2025 11:04

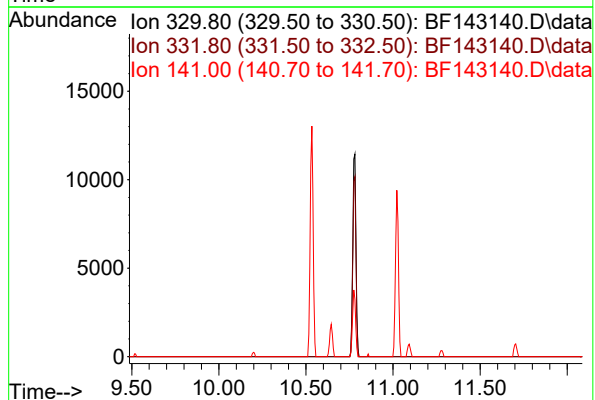
Tgt Ion: 330

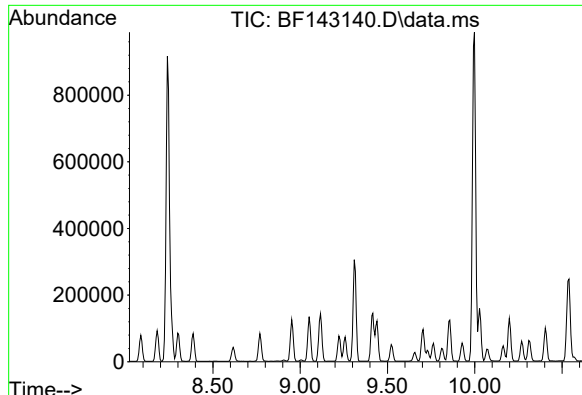
Sig Exp Ratio

330 100

332 95.9

141 29.1





#45

2-Fluorobiphenyl

Concen: 0.000 ng

Expected RT: 9.32 min

Lab File: BF143140.D

Acq: 17 Jul 2025 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

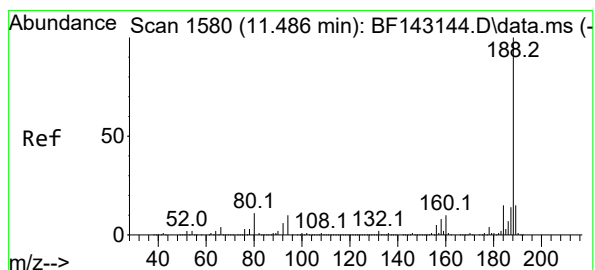
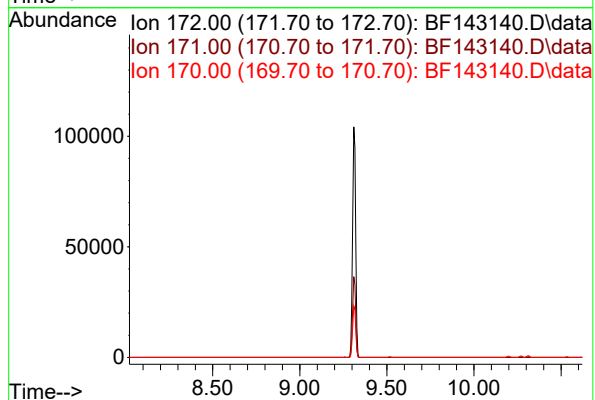
Tgt Ion: 172

Sig Exp Ratio

172 100

171 35.7

170 23.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.481 min Scan# 1579

Delta R.T. -0.006 min

Lab File: BF143140.D

Acq: 17 Jul 2025 11:04

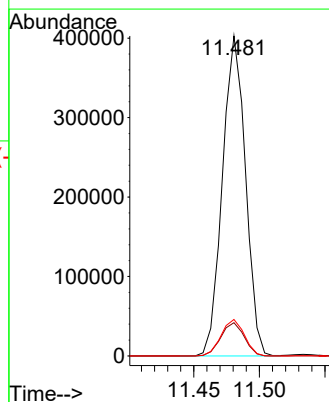
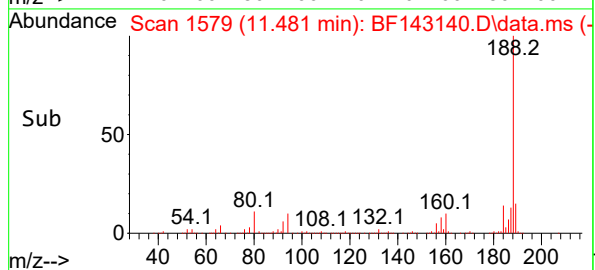
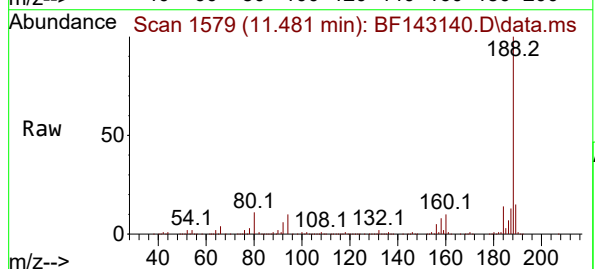
Tgt Ion:188 Resp: 492765

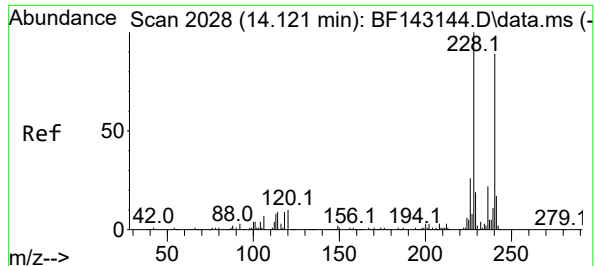
Ion Ratio Lower Upper

188 100

94 10.4 8.3 12.5

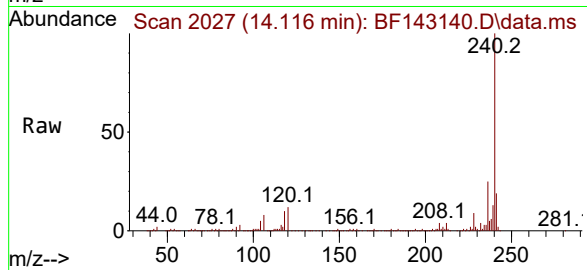
80 11.4 9.0 13.6



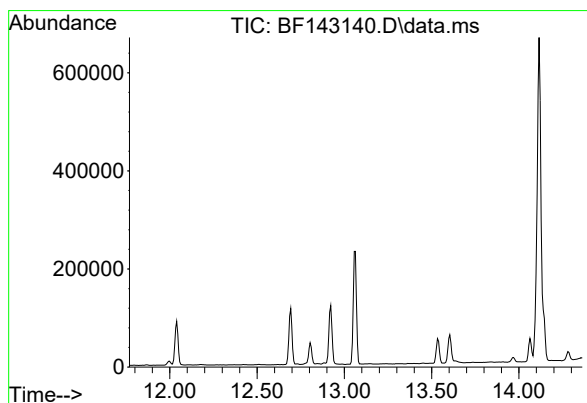
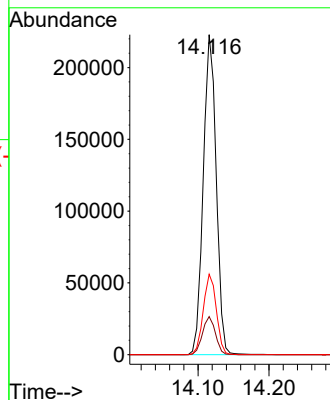
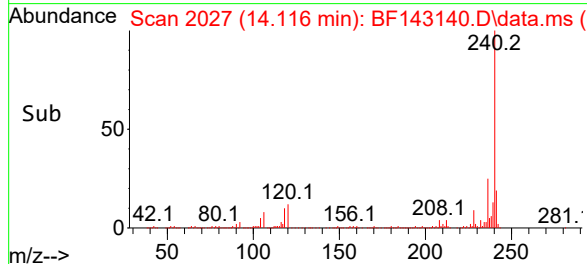


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.116 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF143140.D
Acq: 17 Jul 2025 11:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5



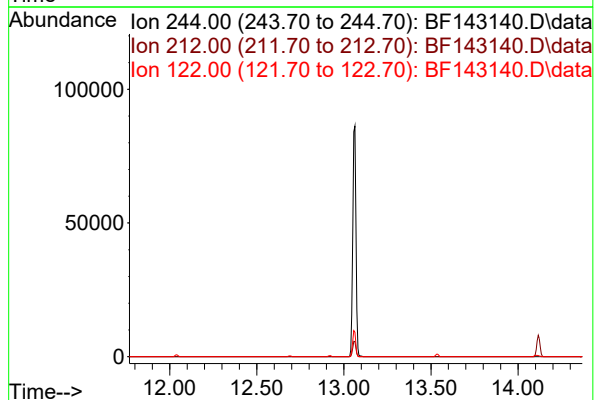
Tgt Ion:240 Resp: 283469
Ion Ratio Lower Upper
240 100
120 11.9 9.4 14.2
236 25.1 20.2 30.4

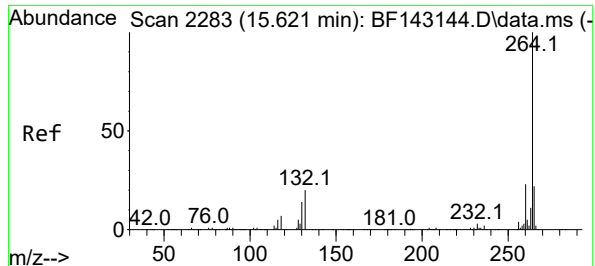


#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 13.07 min

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

Tgt Ion: 244
Sig Exp Ratio
244 100
212 6.5
122 10.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.621 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF143140.D

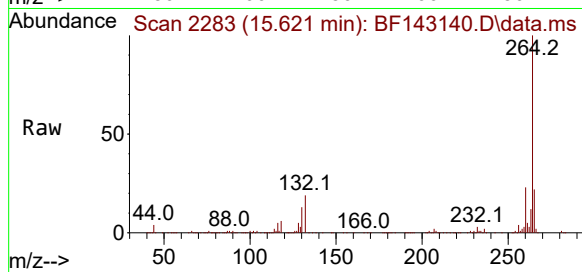
Acq: 17 Jul 2025 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



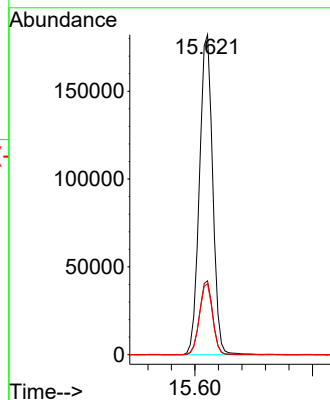
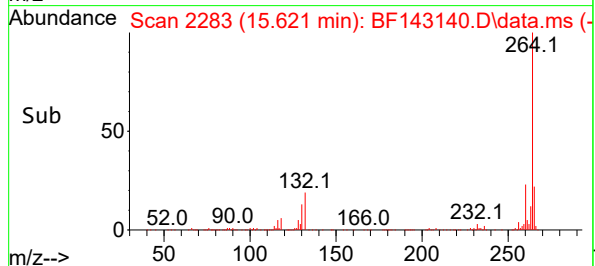
Tgt Ion:264 Resp: 284847

Ion Ratio Lower Upper

264 100

260 23.1 18.5 27.7

265 22.1 17.4 26.2



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

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

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

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

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

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

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

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

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

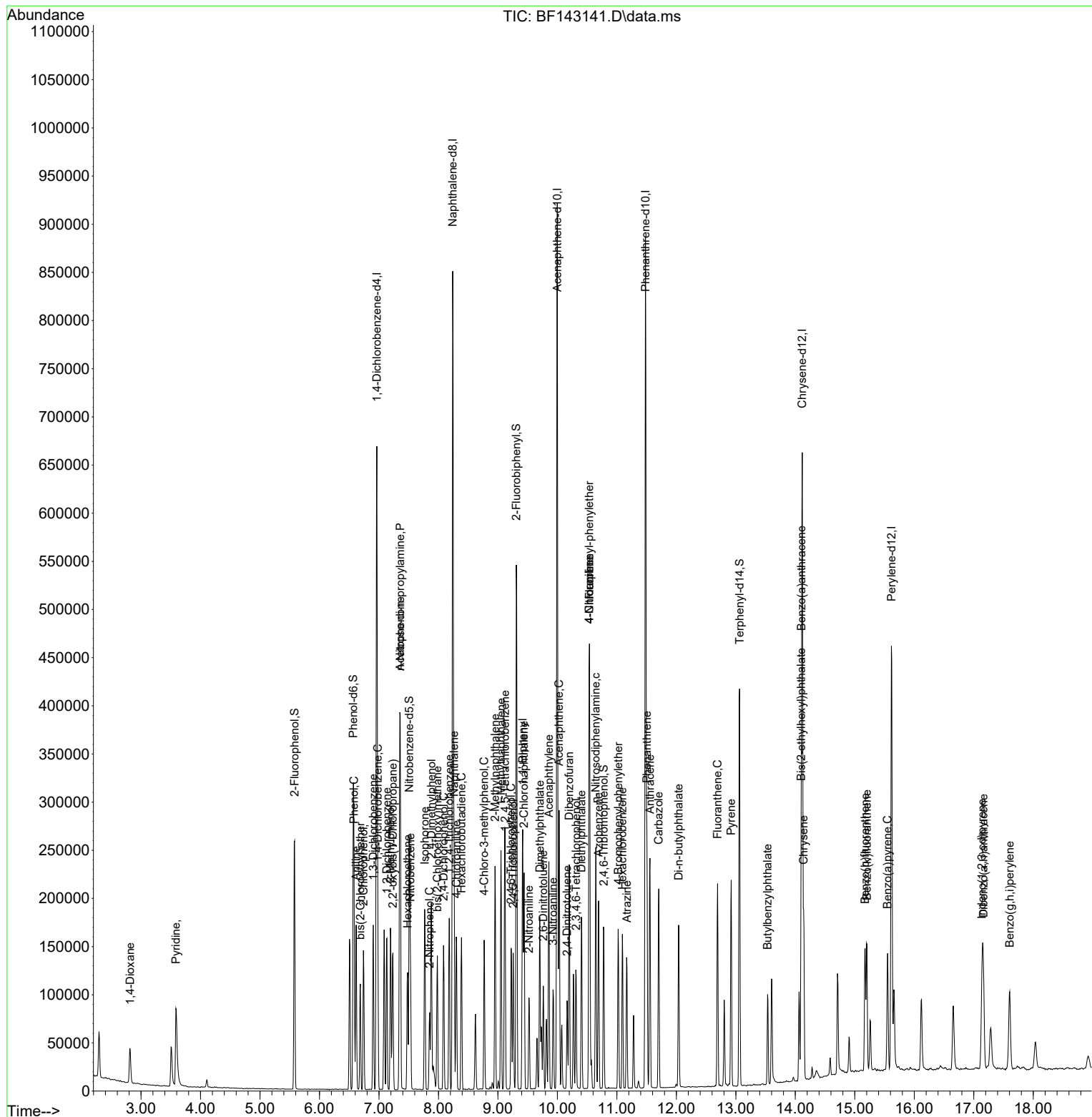
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	10.028	154	84160	5.588	ng	99
53) 3-Nitroaniline	9.928	138	18738	4.587	ng	94
55) Dibenzofuran	10.198	168	127035	5.681	ng	97
57) 2,4-Dinitrotoluene	10.163	165	17709	4.041	ng	92
58) Fluorene	10.539	166	97477	5.808	ng	100
59) 2,3,4,6-Tetrachlorophenol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

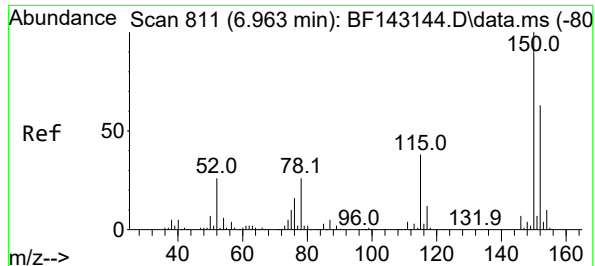
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

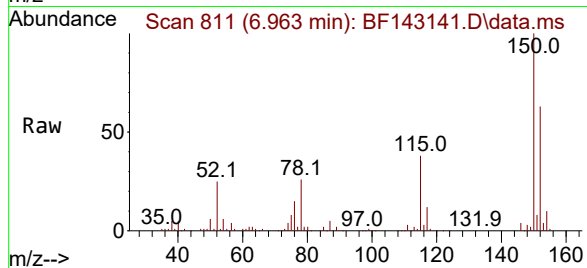
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jaagrut Upadhyay 07/18/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

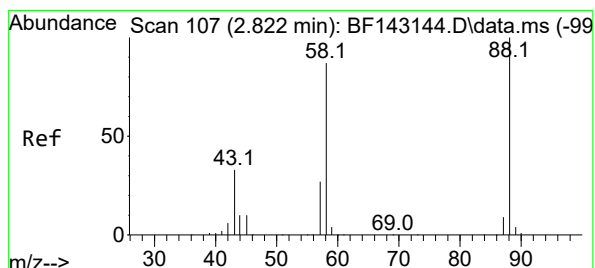
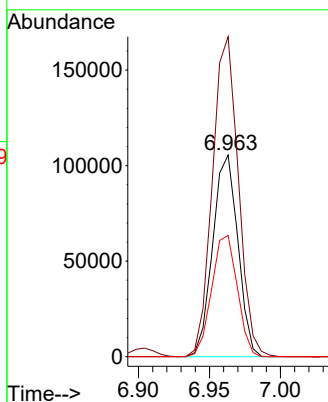
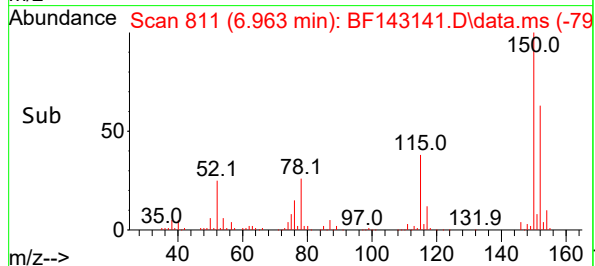
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion:152 Resp: 12994
Ion Ratio Lower Upper
152 100
150 158.7 128.2 192.4
115 60.2 47.9 71.9

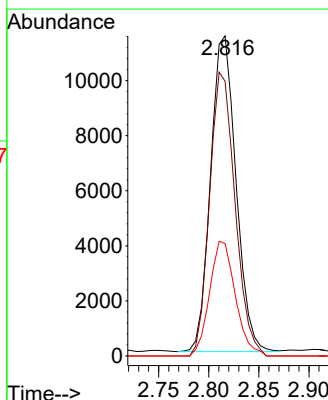
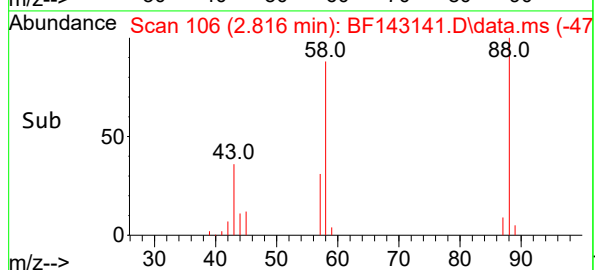
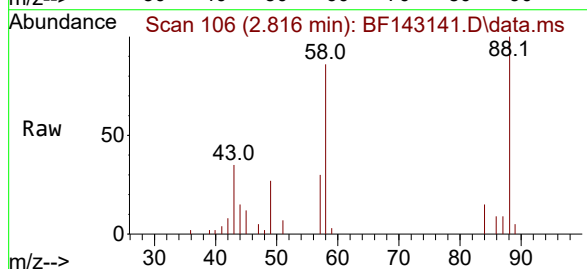
Manual Integrations
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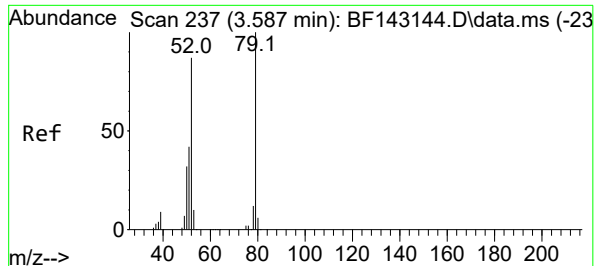
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



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

Tgt Ion: 88 Resp: 20208
Ion Ratio Lower Upper
88 100
58 89.6 70.2 105.2
43 36.7 27.1 40.7





#3

Pyridine

Concen: 5.254 ng

RT: 3.587 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF143141.D

Acq: 17 Jul 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion: 79 Resp: 5298

Ion Ratio Lower Upper

79 100

52 86.1 69.4 104.2

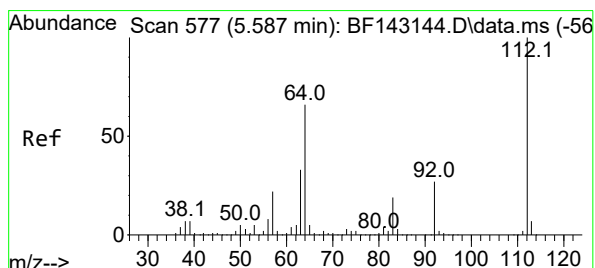
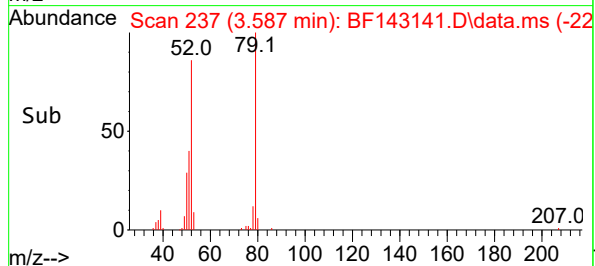
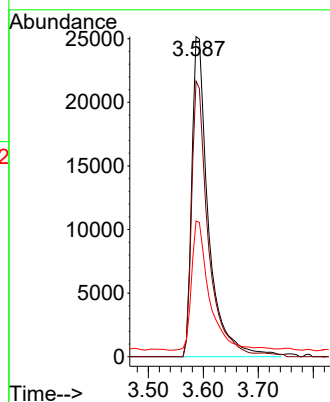
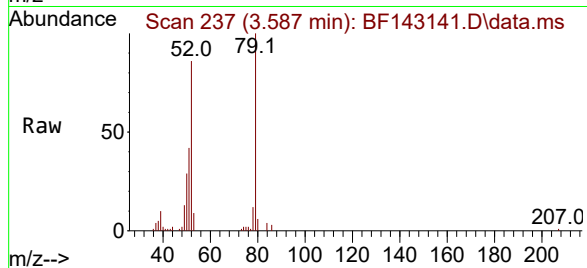
51 42.4 33.5 50.3

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#5

2-Fluorophenol

Concen: 10.955 ng

RT: 5.581 min Scan# 576

Delta R.T. -0.006 min

Lab File: BF143141.D

Acq: 17 Jul 2025 11:34

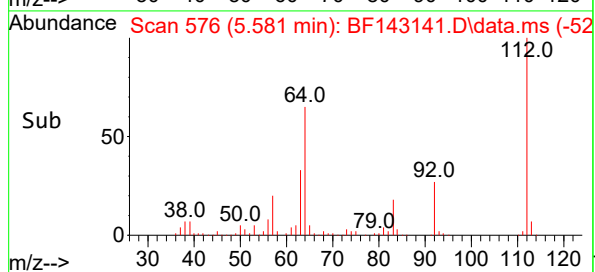
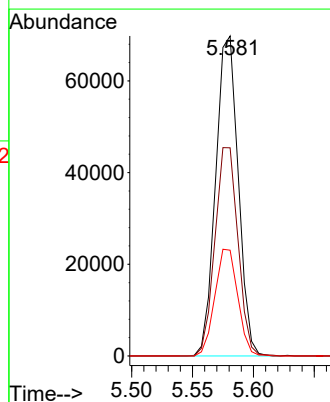
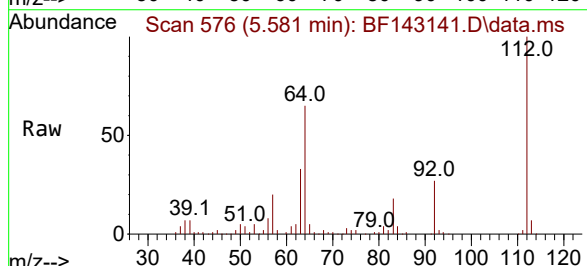
Tgt Ion:112 Resp: 89958

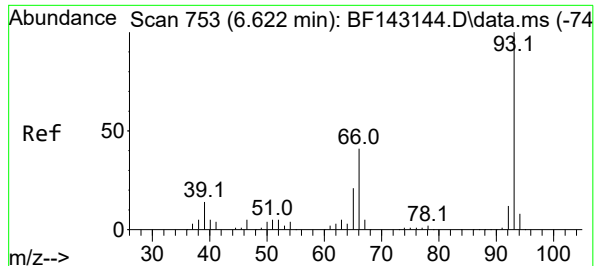
Ion Ratio Lower Upper

112 100

64 65.1 53.1 79.7

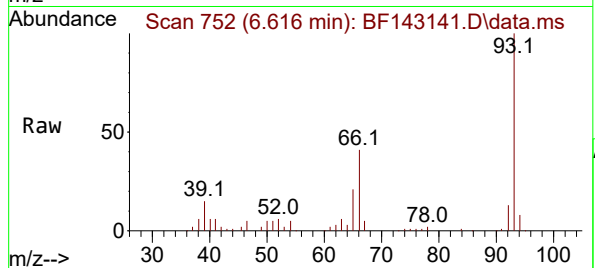
63 33.1 26.6 40.0





#6
Aniline
Concen: 5.263 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

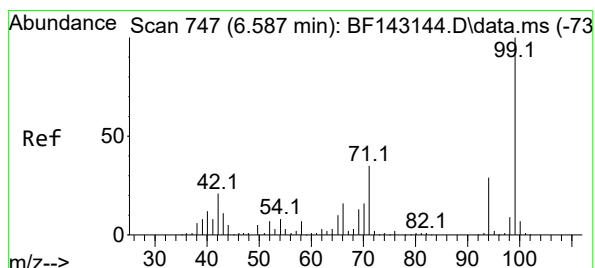
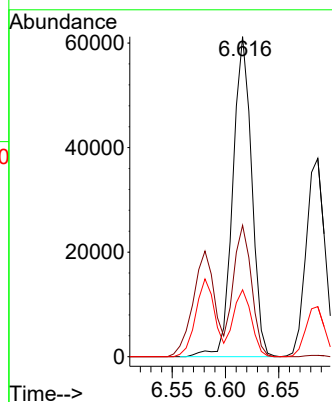
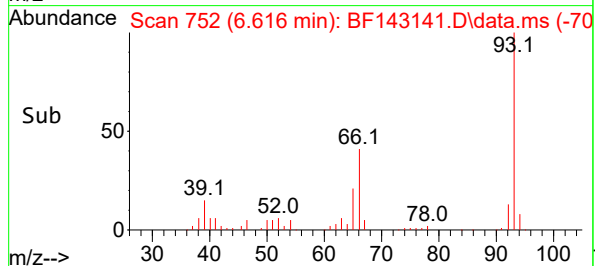
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion: 93 Resp: 7581
Ion Ratio Lower Upper
93 100
66 41.0 33.2 49.8
65 20.9 16.9 25.3

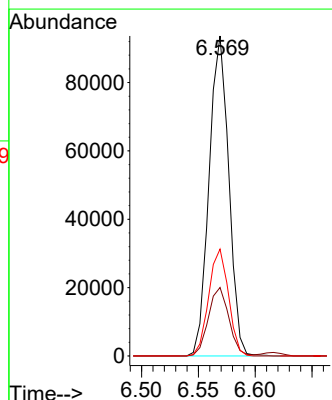
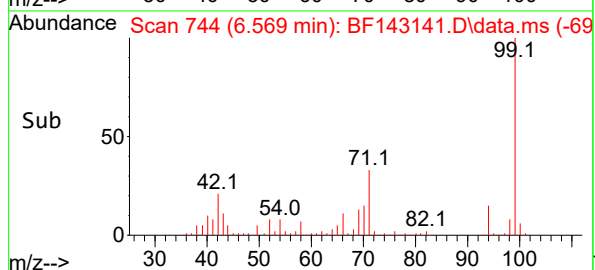
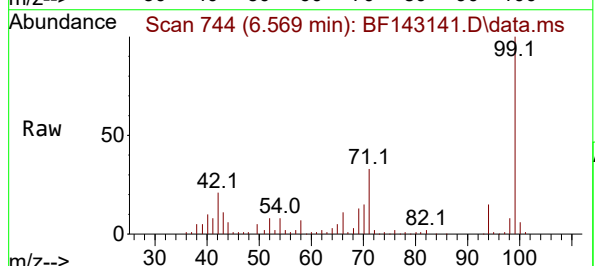
Manual Integrations
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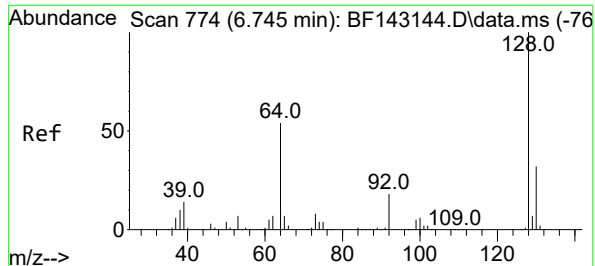
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



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

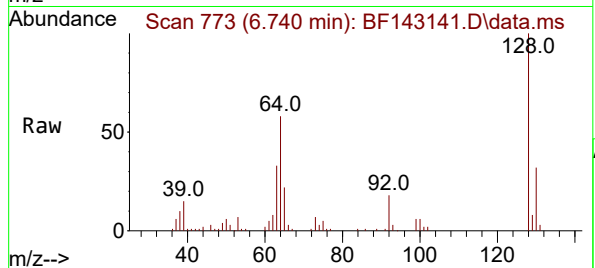
Tgt Ion: 99 Resp: 112575
Ion Ratio Lower Upper
99 100
42 21.4 17.0 25.6
71 33.4 27.7 41.5





#8
2-Chlorophenol
Concen: 5.252 ng
RT: 6.740 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

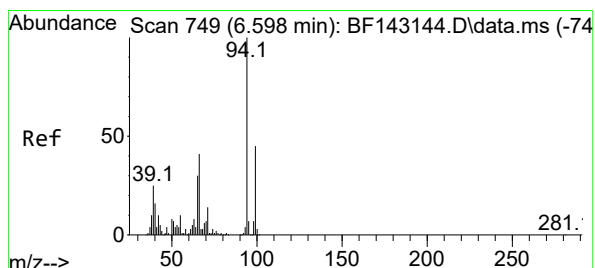
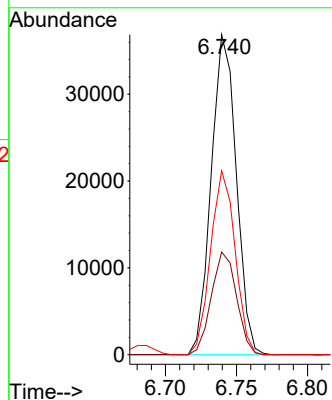
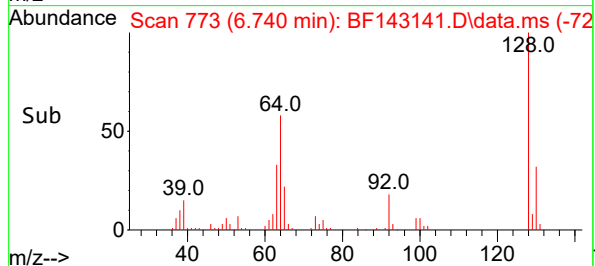
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



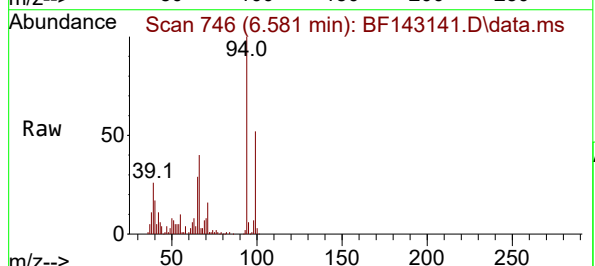
Tgt Ion:128 Resp: 4520
Ion Ratio Lower Upper
128 100
130 32.1 12.3 52.3
64 57.5 35.9 75.9

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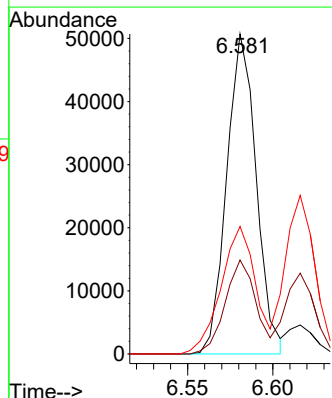
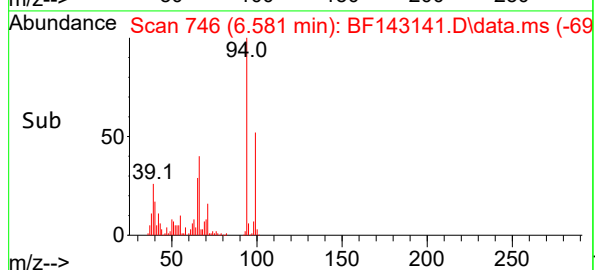
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

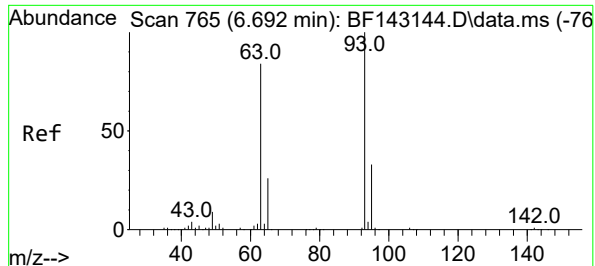


#10
Phenol
Concen: 5.431 ng
RT: 6.581 min Scan# 746
Delta R.T. -0.018 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34



Tgt Ion: 94 Resp: 61148
Ion Ratio Lower Upper
94 100
65 29.4 10.0 50.0
66 39.8 20.8 60.8





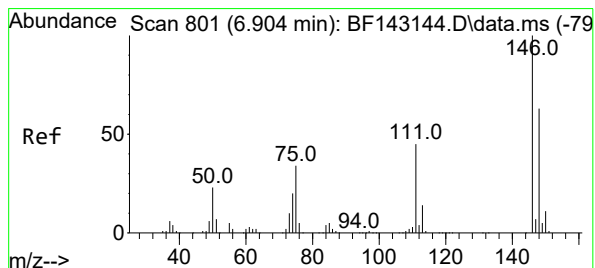
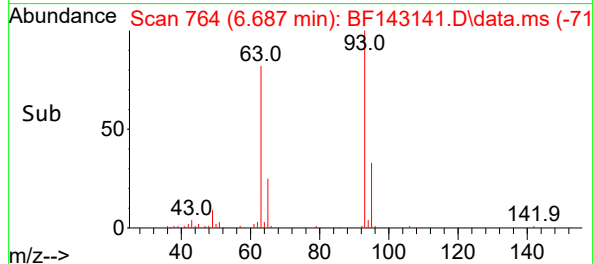
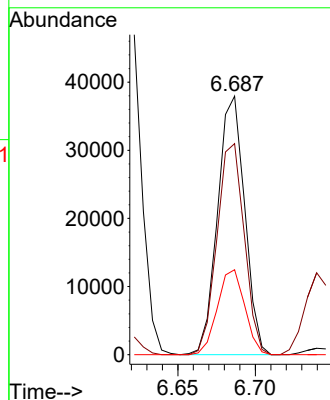
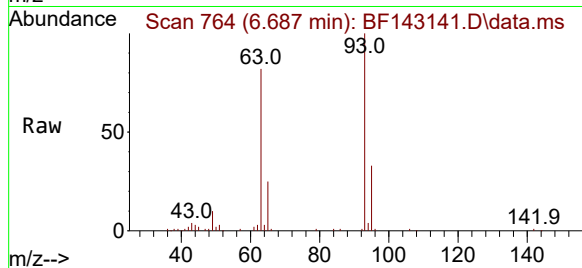
#11
bis(2-Chloroethyl)ether
Concen: 5.345 ng
RT: 6.687 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 93 Resp: 4608
Ion Ratio Lower Upper
93 100
63 81.6 63.4 103.4
95 32.9 12.4 52.4

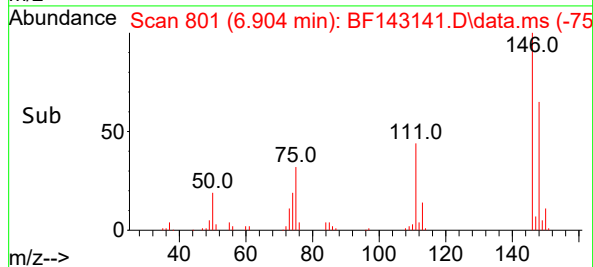
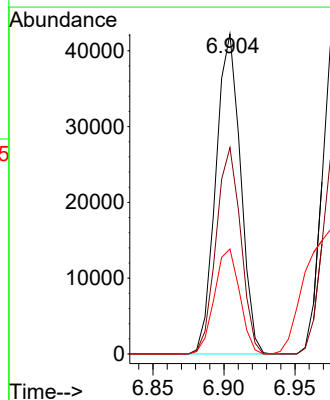
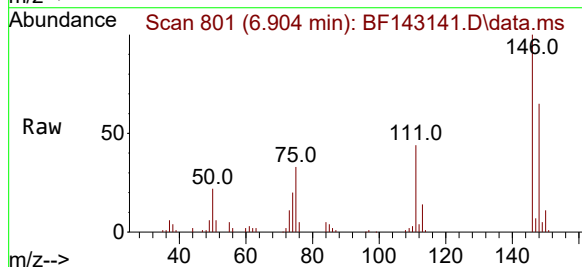
Manual Integrations
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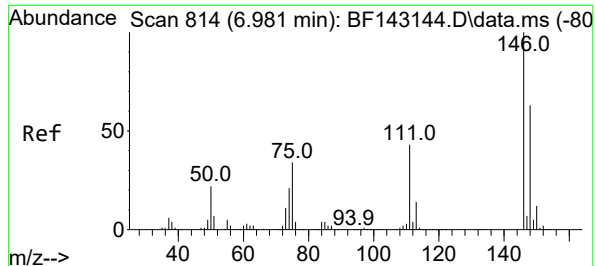
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



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

Tgt Ion:146 Resp: 51056
Ion Ratio Lower Upper
146 100
148 64.5 50.6 76.0
75 32.8 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 5.526 ng

RT: 6.981 min Scan# 814

Delta R.T. 0.000 min

Lab File: BF143141.D

Acq: 17 Jul 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

Tgt Ion:146 Resp: 5203

Ion Ratio Lower Upper

146 100

148 63.0 50.3 75.5

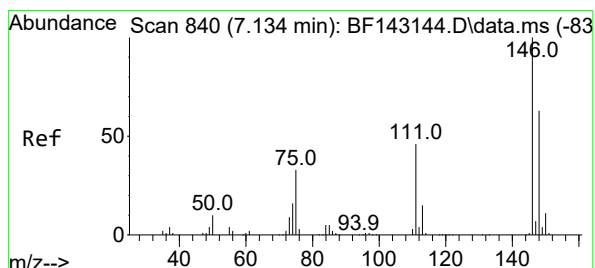
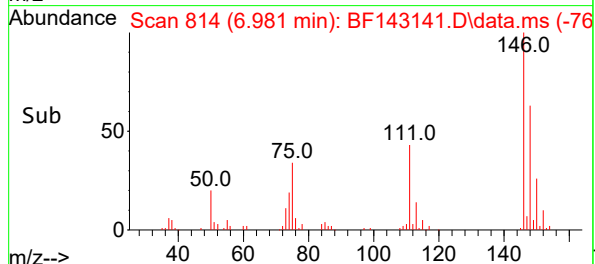
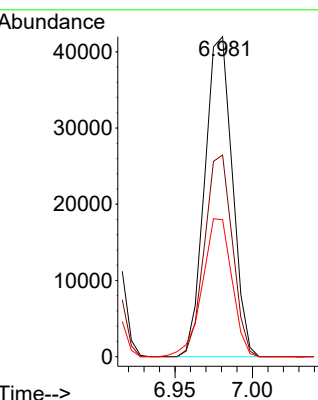
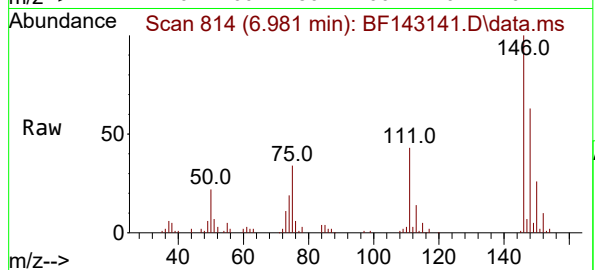
111 42.8 34.4 51.6

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#14

1,2-Dichlorobenzene

Concen: 5.474 ng

RT: 7.134 min Scan# 840

Delta R.T. 0.000 min

Lab File: BF143141.D

Acq: 17 Jul 2025 11:34

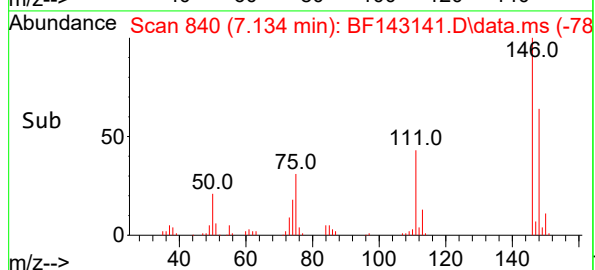
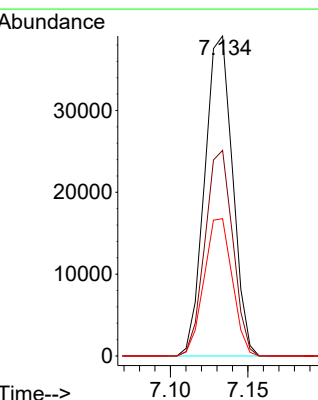
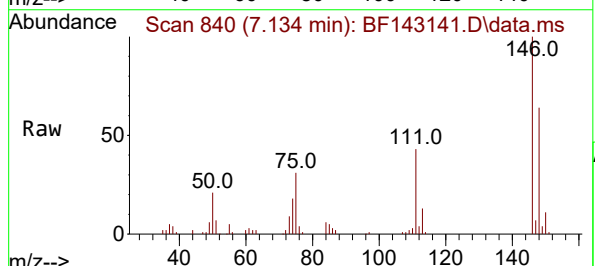
Tgt Ion:146 Resp: 49028

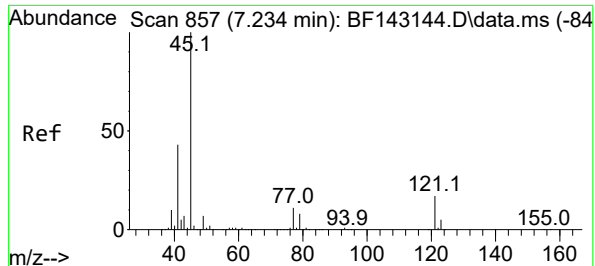
Ion Ratio Lower Upper

146 100

148 64.2 50.7 76.1

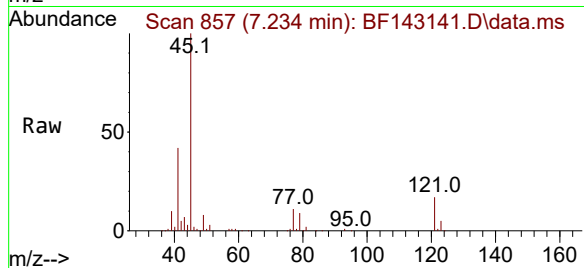
111 42.9 36.6 54.8





#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.423 ng
RT: 7.234 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

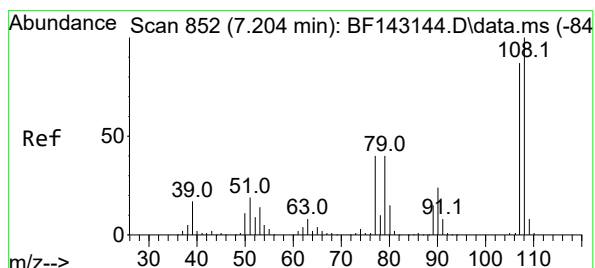
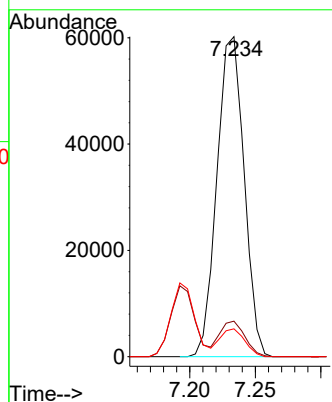
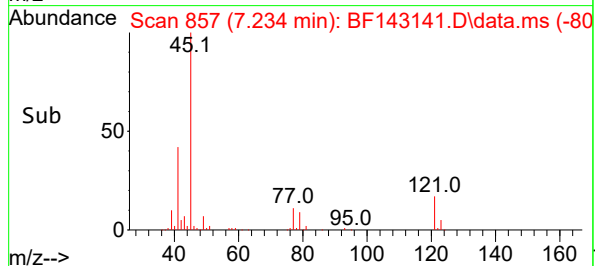
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



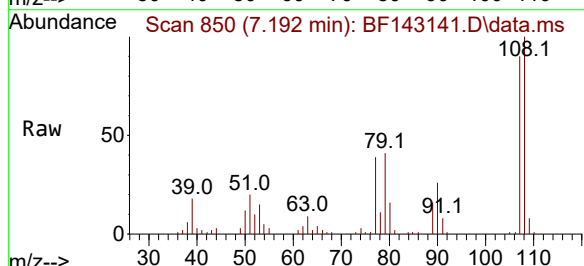
Tgt Ion: 45 Resp: 8672
Ion Ratio Lower Upper
45 100
77 11.1 0.0 31.2
79 8.7 0.0 28.5

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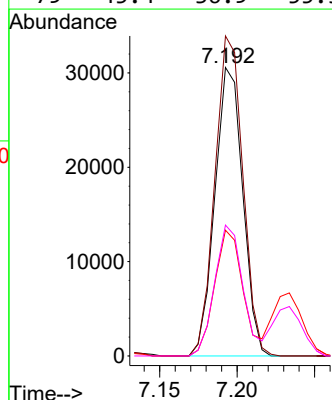
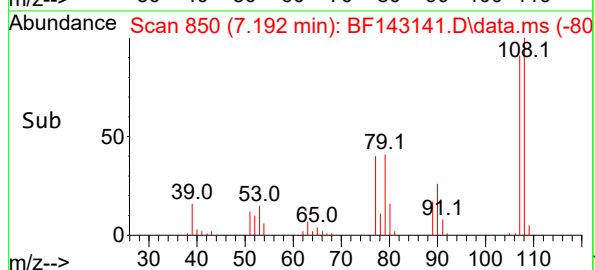
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

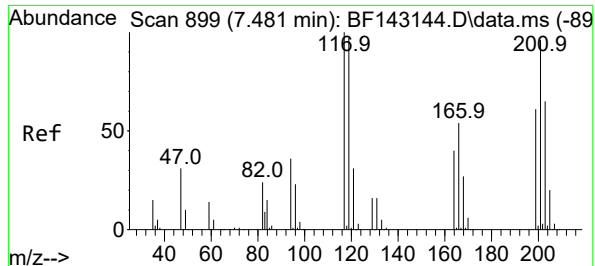


#17
2-Methylphenol
Concen: 5.289 ng
RT: 7.192 min Scan# 850
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34



Tgt Ion:107 Resp: 38278
Ion Ratio Lower Upper
107 100
108 110.9 91.8 137.6
77 43.6 37.0 55.6
79 45.4 36.9 55.3





#18

Hexachloroethane

Concen: 5.198 ng

RT: 7.481 min Scan# 899

Delta R.T. 0.000 min

Lab File: BF143141.D

Acq: 17 Jul 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:117 Resp: 16944

Ion Ratio Lower Upper

117 100

119 99.4 77.8 116.8

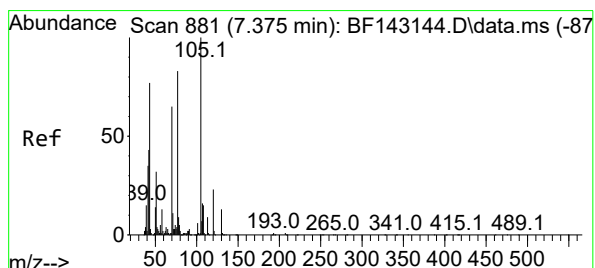
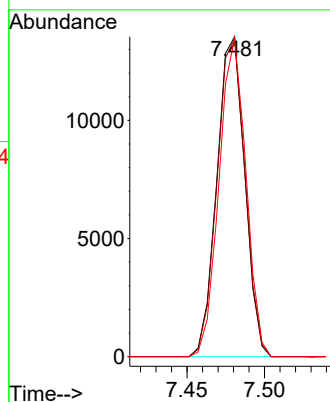
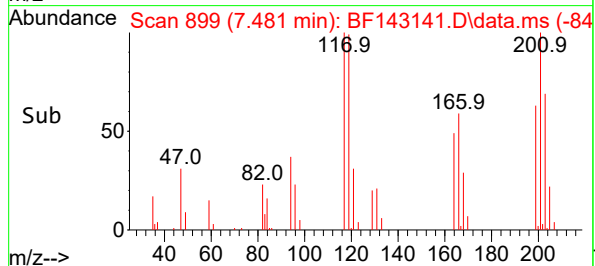
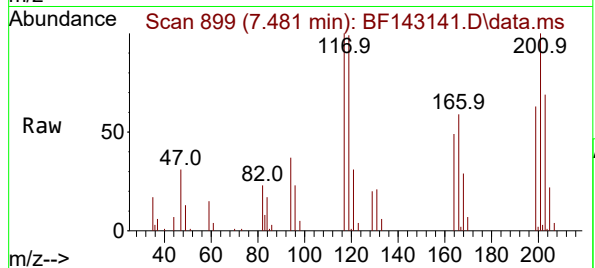
201 99.6 77.0 115.4

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#19

n-Nitroso-di-n-propylamine

Concen: 5.445 ng

RT: 7.357 min Scan# 878

Delta R.T. -0.018 min

Lab File: BF143141.D

Acq: 17 Jul 2025 11:34

Tgt Ion: 70 Resp: 36103

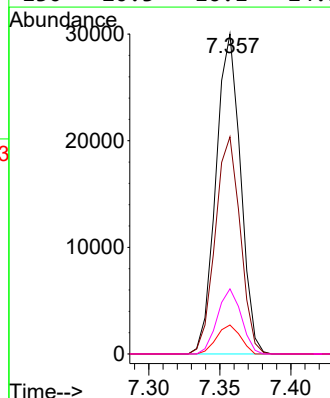
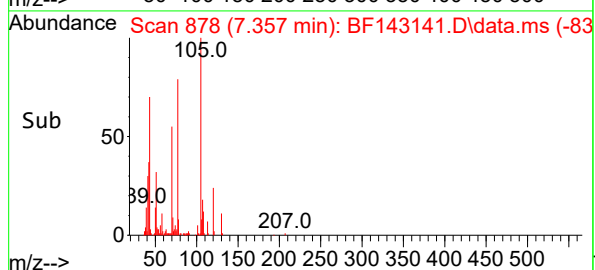
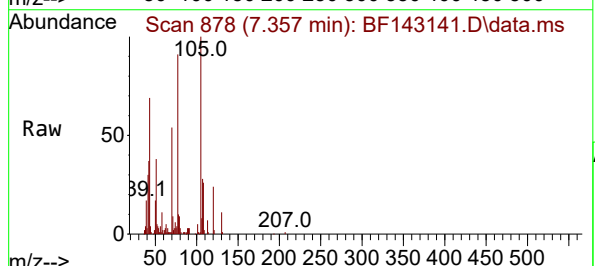
Ion Ratio Lower Upper

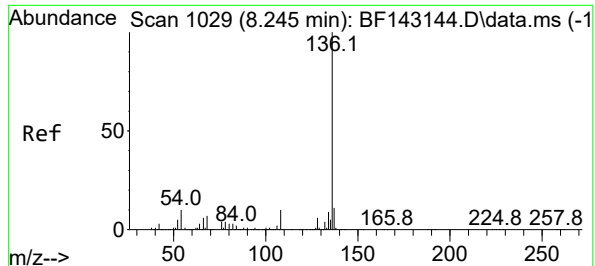
70 100

42 67.8 52.5 78.7

101 9.0 7.6 11.4

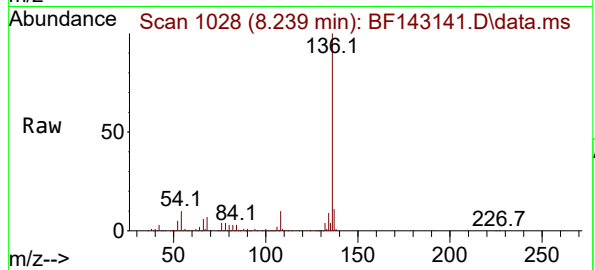
130 20.3 16.1 24.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

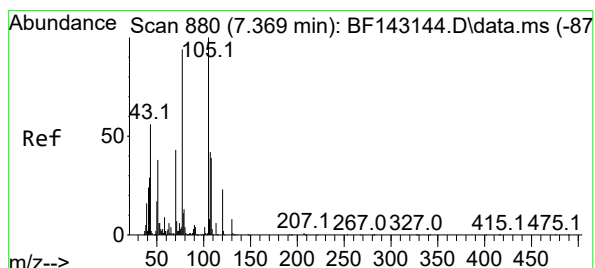
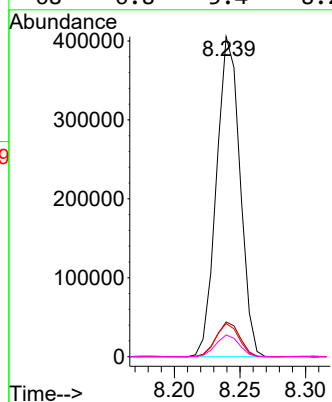
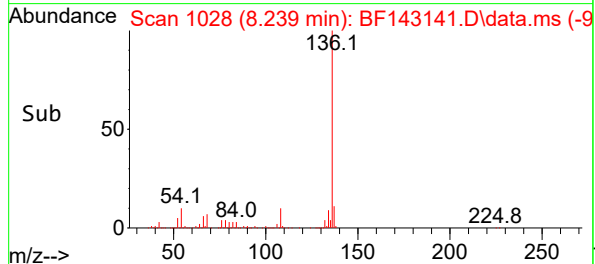
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion:136 Resp: 504790
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 10.3 8.2 12.2
68 6.8 5.4 8.2

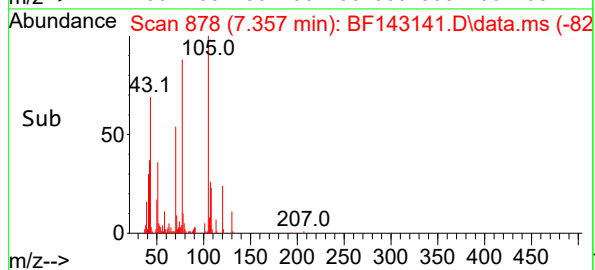
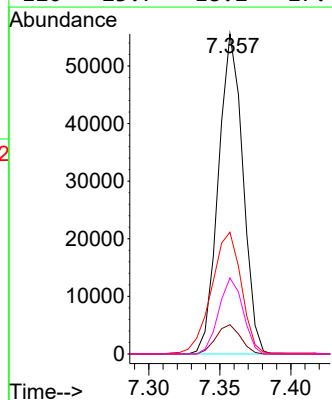
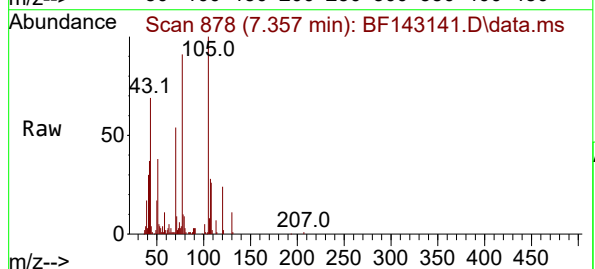
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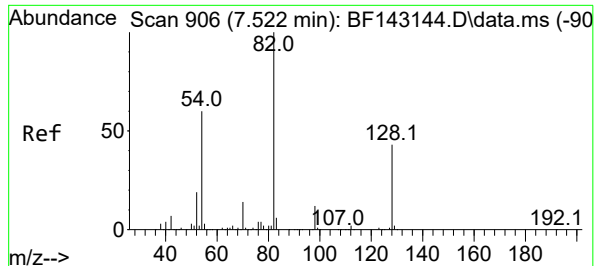
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



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

Tgt Ion:105 Resp: 66559
Ion Ratio Lower Upper
105 100
71 9.1 5.8 8.6#
51 38.1 30.2 45.2
120 23.7 18.2 27.4





#23

Nitrobenzene-d5

Concen: 10.146 ng m

RT: 7.510 min Scan# 904

Delta R.T. -0.012 min

Lab File: BF143141.D

Acq: 17 Jul 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion: 82 Resp: 102749

Ion Ratio Lower Upper

82 100

128 39.1 33.6 50.4

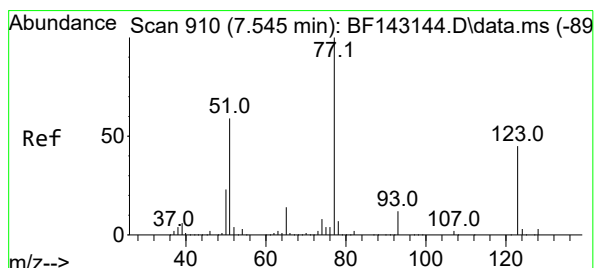
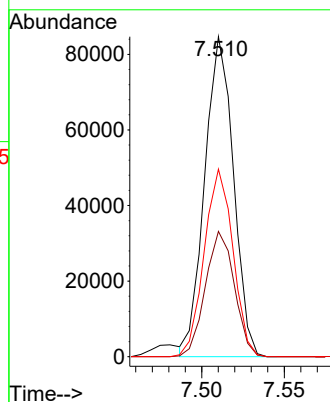
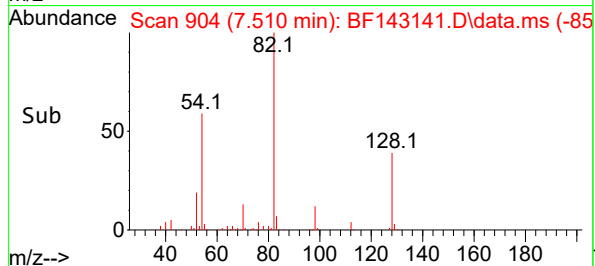
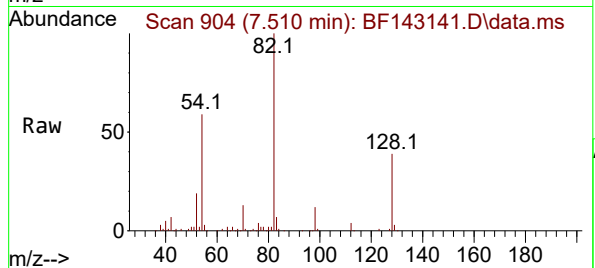
54 58.6 47.1 70.7

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#24

Nitrobenzene

Concen: 5.074 ng

RT: 7.528 min Scan# 907

Delta R.T. -0.018 min

Lab File: BF143141.D

Acq: 17 Jul 2025 11:34

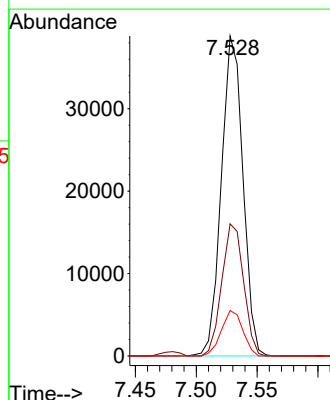
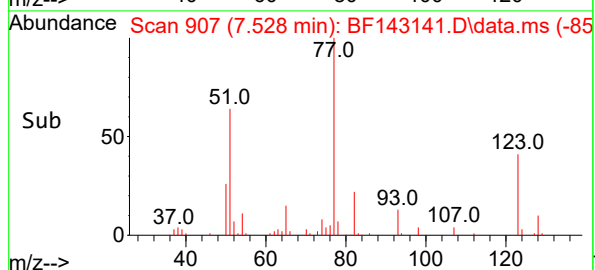
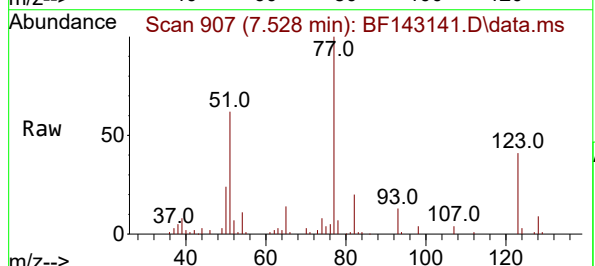
Tgt Ion: 77 Resp: 47902

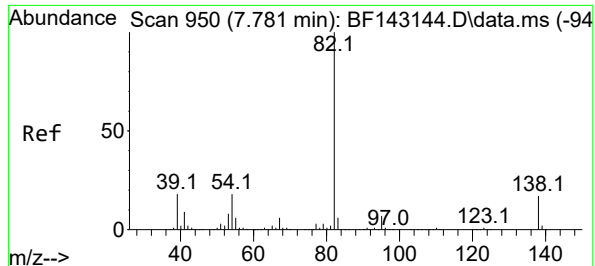
Ion Ratio Lower Upper

77 100

123 41.3 36.1 54.1

65 14.2 11.4 17.2





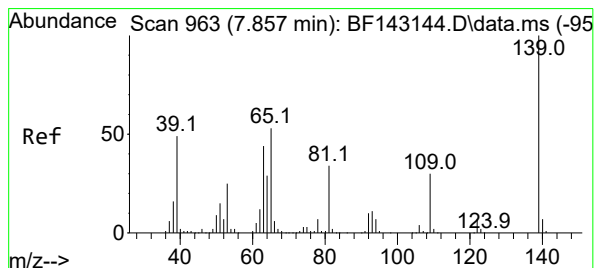
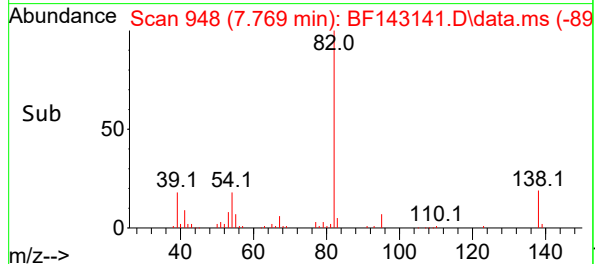
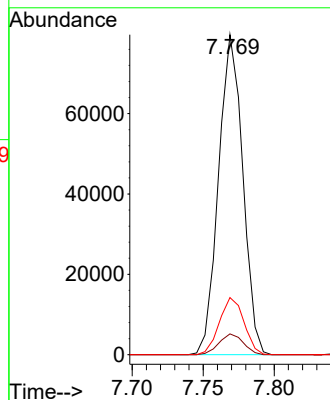
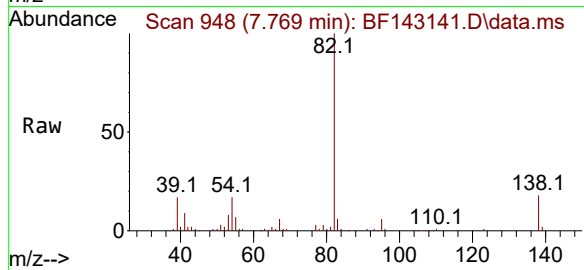
#25
Isophorone
Concen: 5.279 ng
RT: 7.769 min Scan# 94
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 82 Resp: 94372
Ion Ratio Lower Upper
82 100
95 6.5 5.5 8.3
138 17.8 13.8 20.8

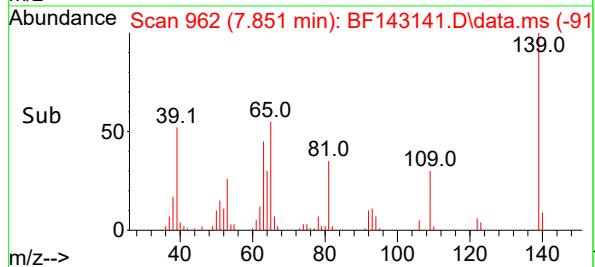
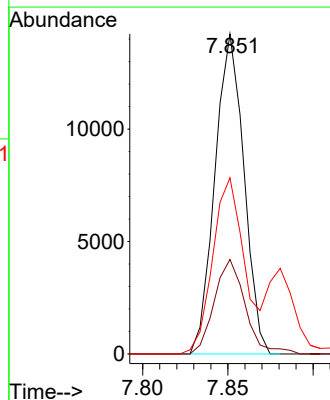
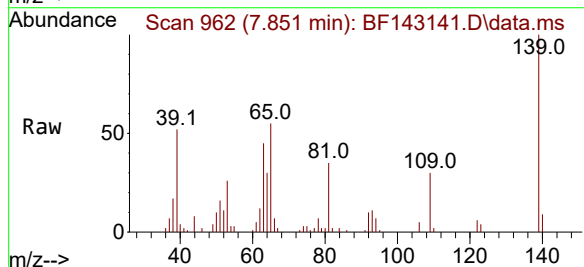
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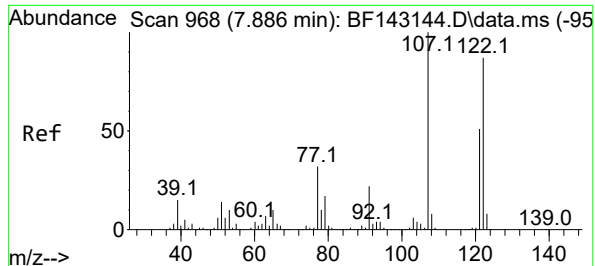
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



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

Tgt Ion:139 Resp: 16827
Ion Ratio Lower Upper
139 100
109 29.5 23.6 35.4
65 55.0 42.6 64.0





#27

2,4-Dimethylphenol

Concen: 5.382 ng

RT: 7.881 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF143141.D

Acq: 17 Jul 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

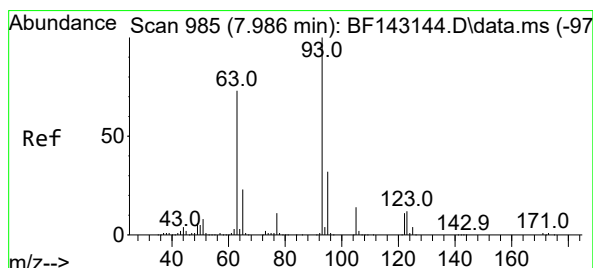
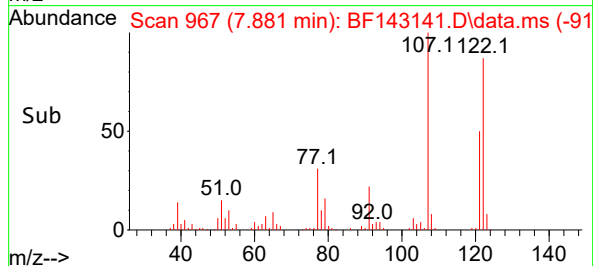
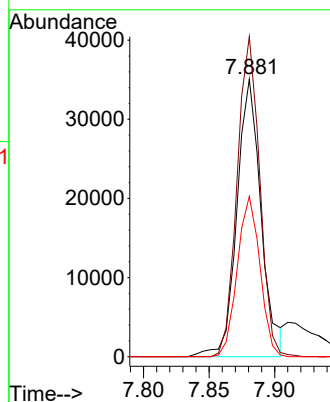
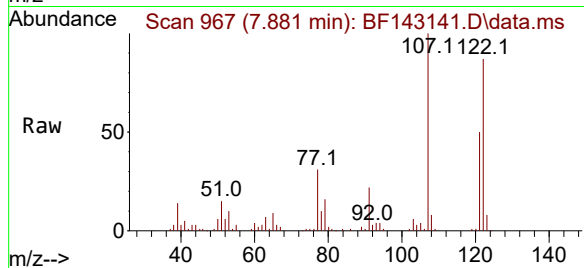
Tgt Ion:	122	Resp:	44954
Ion	Ratio	Lower	Upper
122	100		
107	115.3	91.8	137.6
121	57.8	46.3	69.5

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#28

bis(2-Chloroethoxy)methane

Concen: 5.455 ng

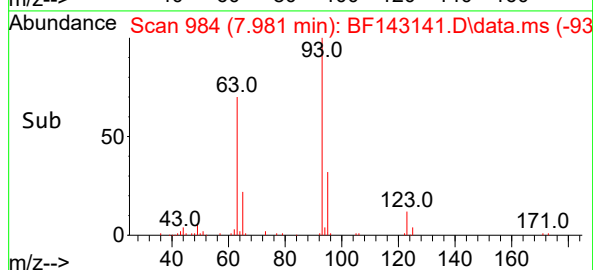
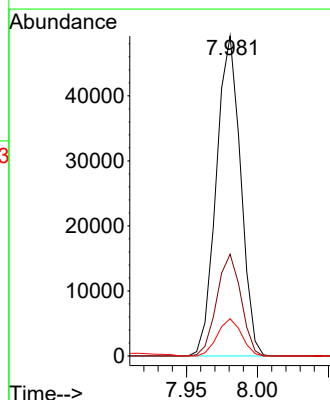
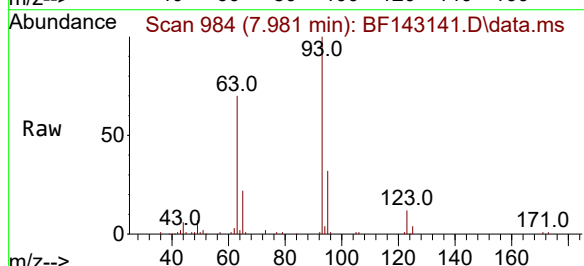
RT: 7.981 min Scan# 984

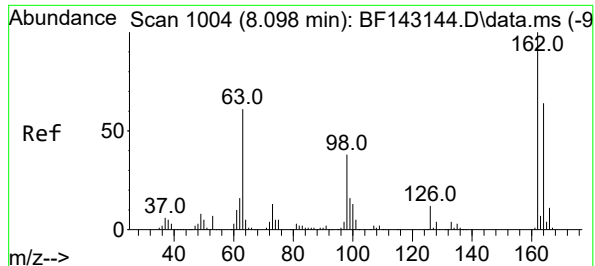
Delta R.T. -0.006 min

Lab File: BF143141.D

Acq: 17 Jul 2025 11:34

Tgt Ion:	93	Resp:	58465
Ion	Ratio	Lower	Upper
93	100		
95	31.8	25.8	38.6
123	11.7	9.7	14.5





#29

2,4-Dichlorophenol

Concen: 5.236 ng

RT: 8.087 min Scan# 1002

Delta R.T. -0.012 min

Lab File: BF143141.D

Acq: 17 Jul 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

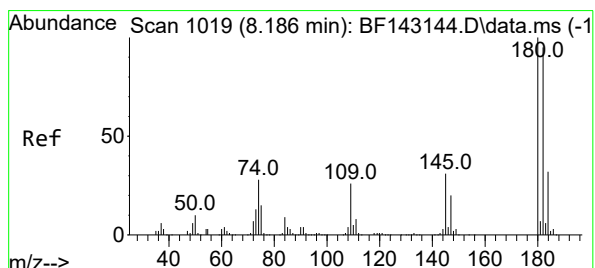
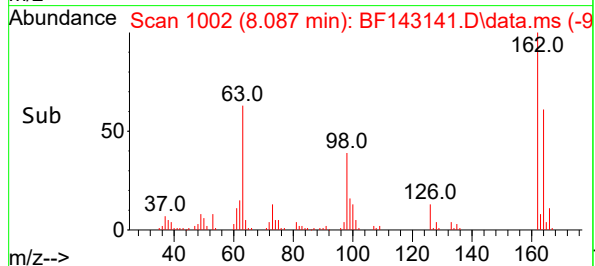
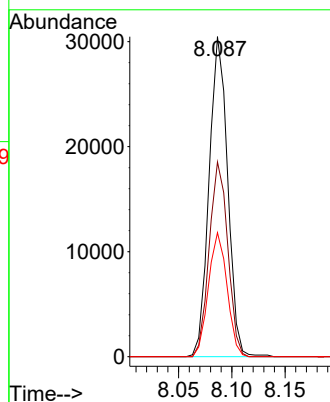
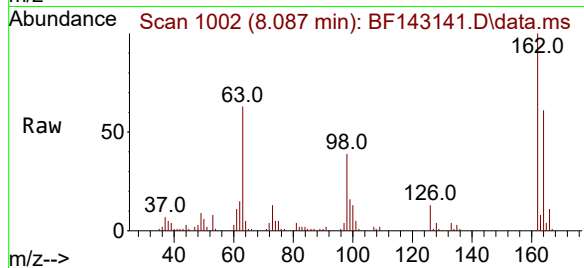
Tgt Ion:162 Resp: 36884
Ion Ratio Lower Upper
162 100
164 60.8 44.2 84.2
98 38.7 17.9 57.9

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#30

1,2,4-Trichlorobenzene

Concen: 5.460 ng

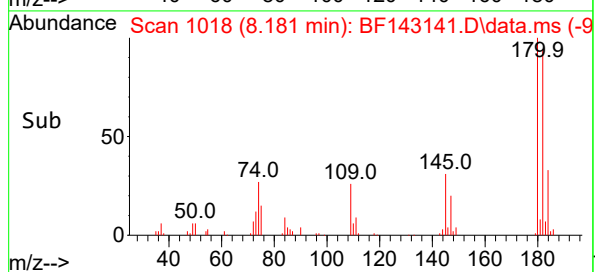
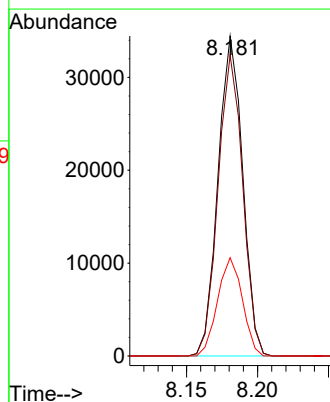
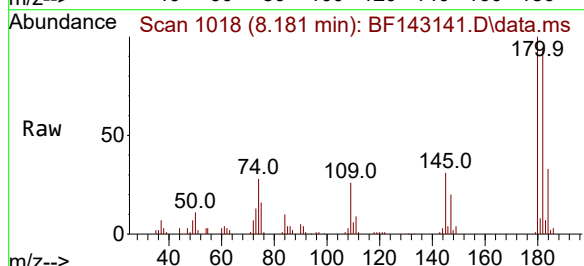
RT: 8.181 min Scan# 1018

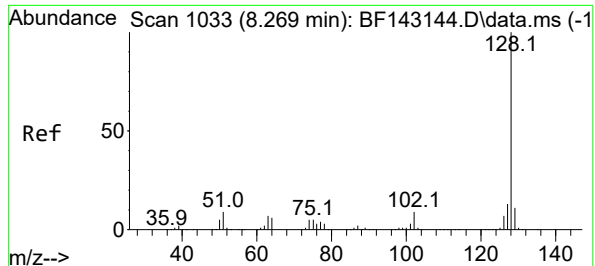
Delta R.T. -0.006 min

Lab File: BF143141.D

Acq: 17 Jul 2025 11:34

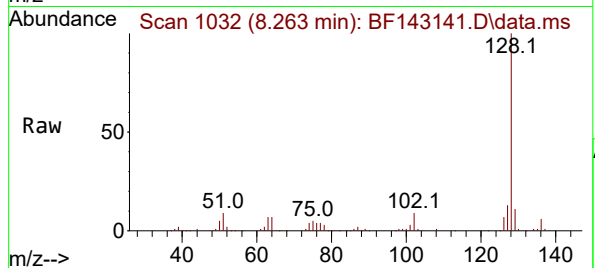
Tgt Ion:180 Resp: 41552
Ion Ratio Lower Upper
180 100
182 94.0 76.2 114.2
145 30.7 25.0 37.6





#31
Naphthalene
Concen: 5.676 ng
RT: 8.263 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

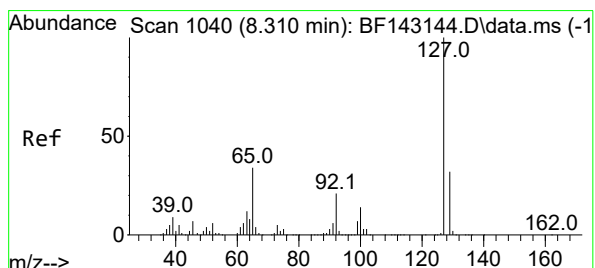
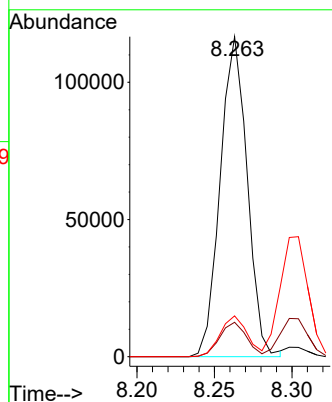
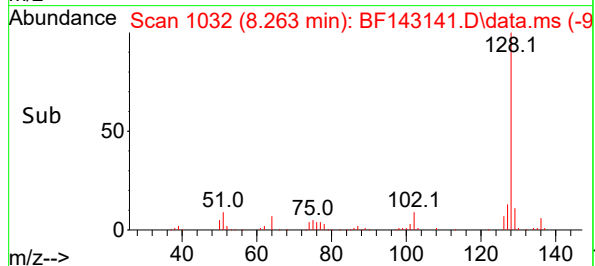
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion:128 Resp: 141099
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.4
127 12.7 10.6 16.0

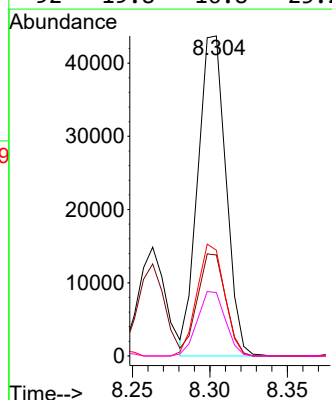
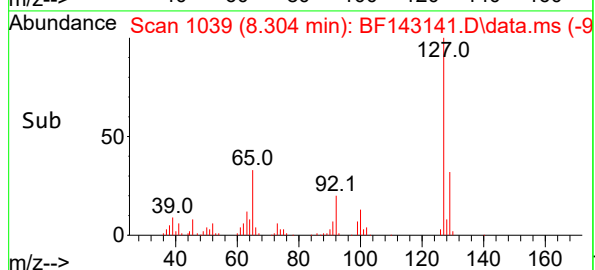
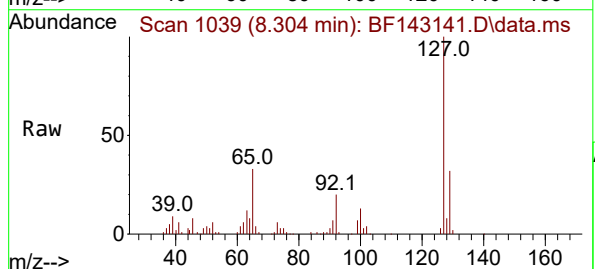
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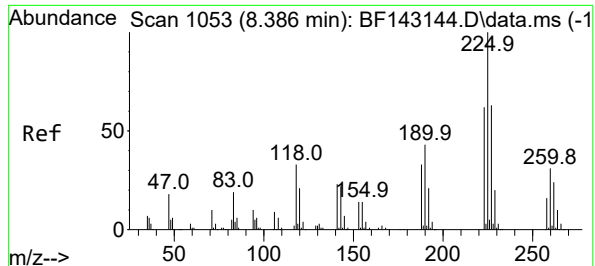
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



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

Tgt Ion:127 Resp: 55130
Ion Ratio Lower Upper
127 100
129 31.6 26.0 39.0
65 33.0 27.4 41.2
92 19.8 16.8 25.2





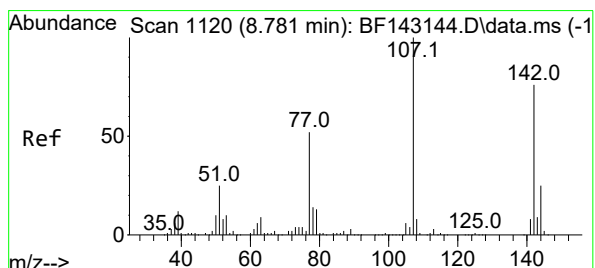
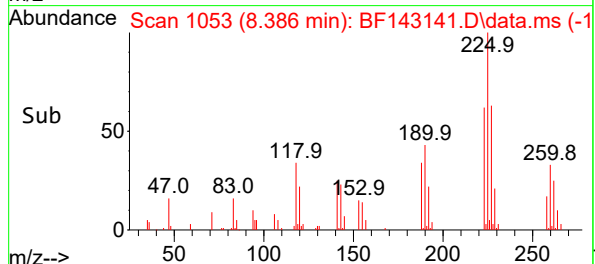
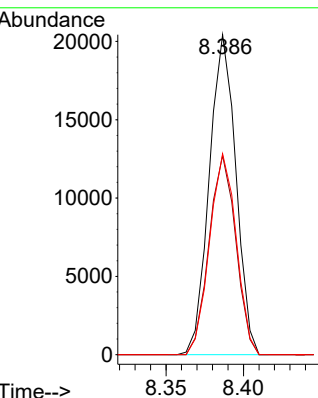
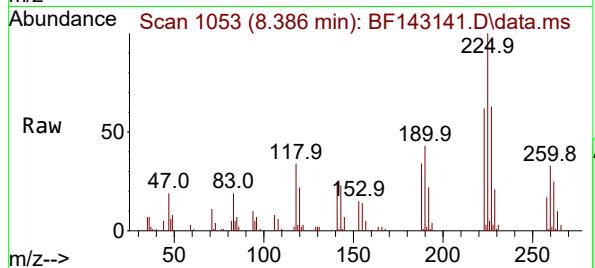
#34
Hexachlorobutadiene
Concen: 5.232 ng
RT: 8.386 min Scan# 1118
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:225 Resp: 2432
Ion Ratio Lower Upper
225 100
223 62.3 49.8 74.6
227 62.8 50.2 75.4

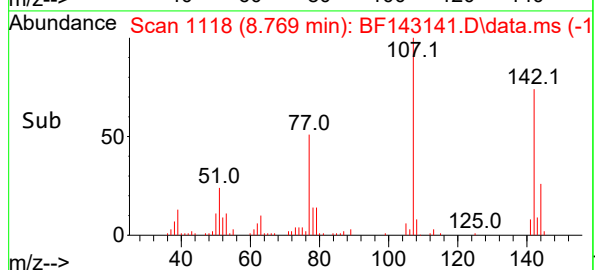
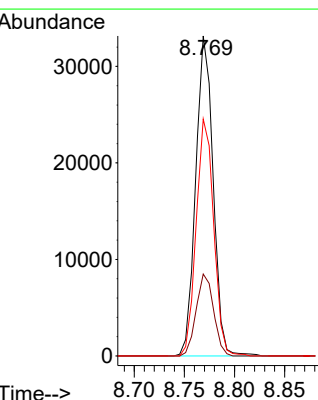
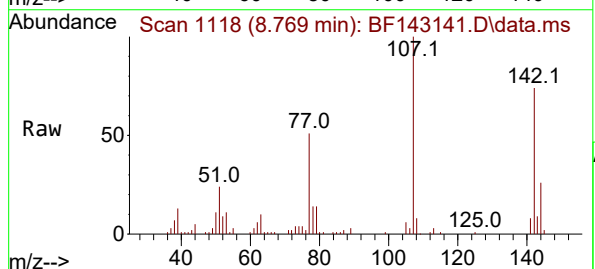
Manual Integrations
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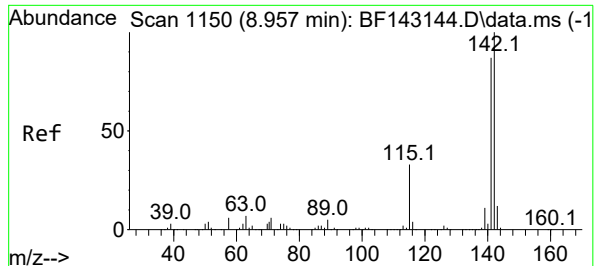
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



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

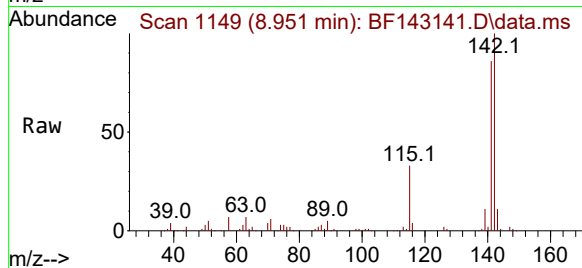
Tgt Ion:107 Resp: 40203
Ion Ratio Lower Upper
107 100
144 25.6 19.8 29.6
142 74.1 60.6 90.8





#37
2-Methylnaphthalene
Concen: 5.568 ng
RT: 8.951 min Scan# 1149
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

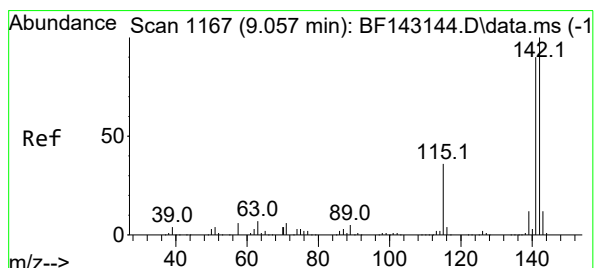
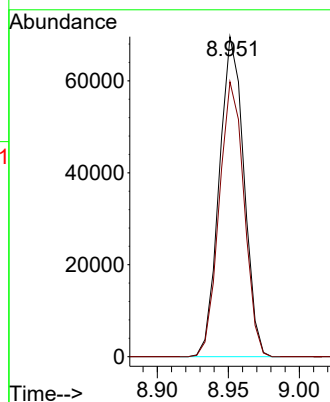
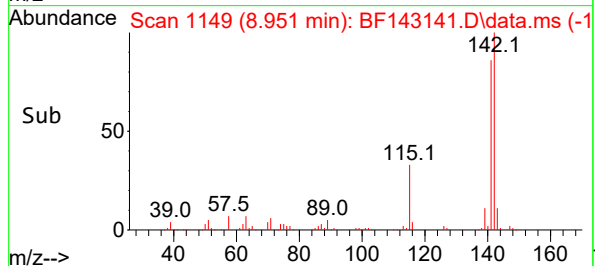
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion:142 Resp: 84234
Ion Ratio Lower Upper
142 100
141 85.9 69.9 104.9

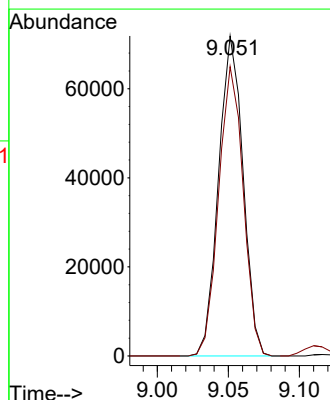
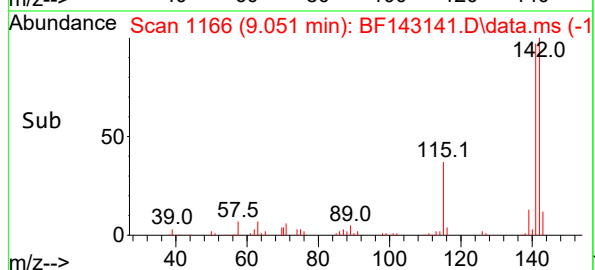
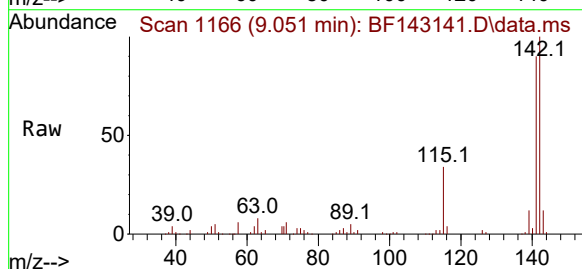
Manual Integrations
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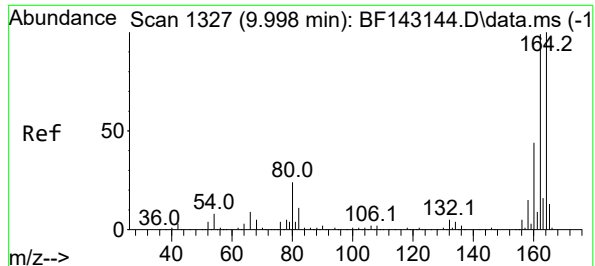
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



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

Tgt Ion:142 Resp: 86130
Ion Ratio Lower Upper
142 100
141 90.4 72.3 108.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.998 min Scan# 1178

Delta R.T. 0.000 min

Lab File: BF143141.D

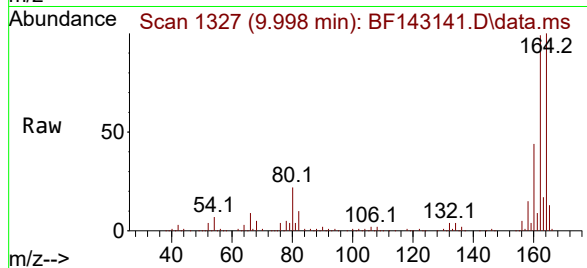
Acq: 17 Jul 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005



Tgt Ion:164 Resp: 263409

Ion Ratio Lower Upper

164 100

162 99.5 79.0 118.6

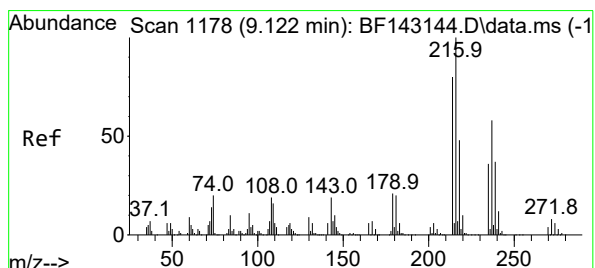
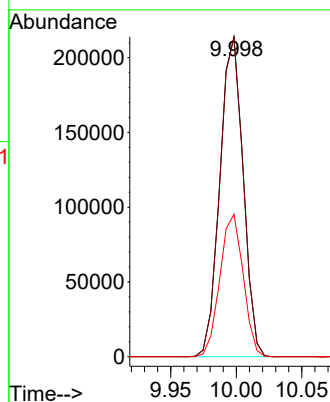
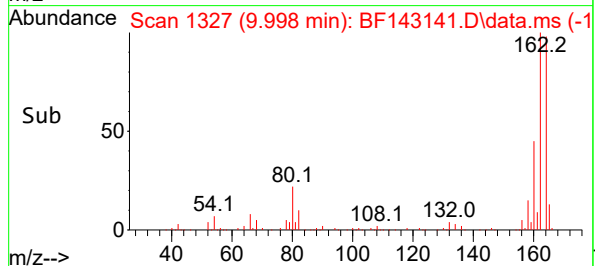
160 44.5 35.1 52.7

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 5.523 ng

RT: 9.122 min Scan# 1178

Delta R.T. 0.000 min

Lab File: BF143141.D

Acq: 17 Jul 2025 11:34

Tgt Ion:216 Resp: 41999

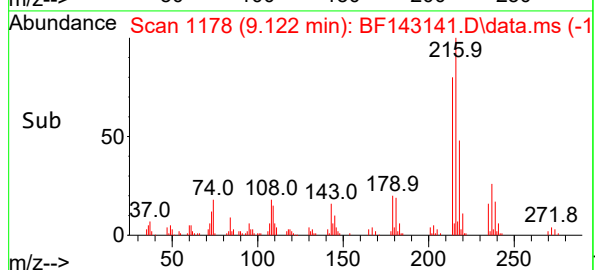
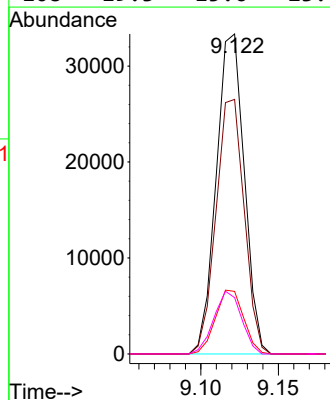
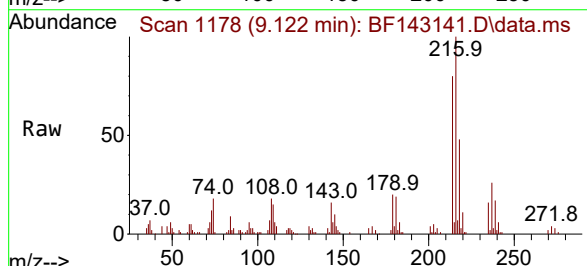
Ion Ratio Lower Upper

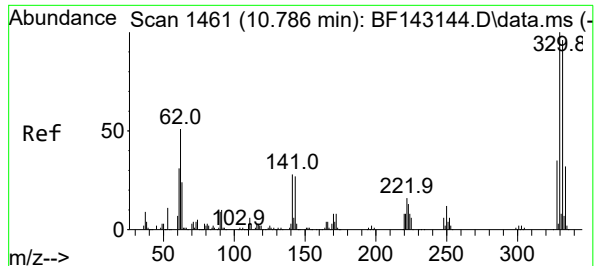
216 100

214 79.9 63.8 95.8

179 20.1 16.4 24.6

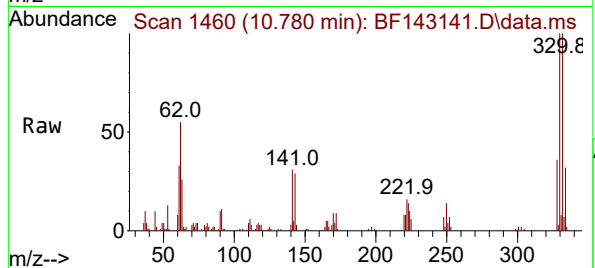
108 19.3 15.6 23.4





#42
2,4,6-Tribromophenol
Concen: 9.661 ng
RT: 10.780 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

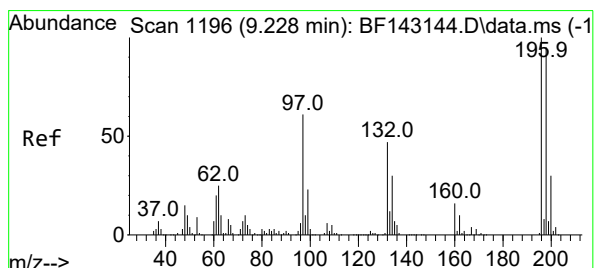
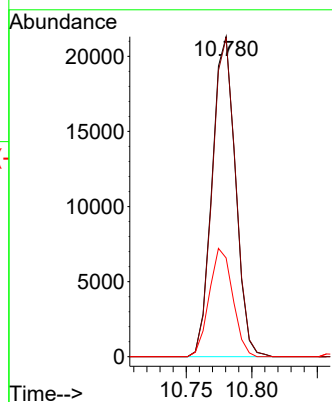
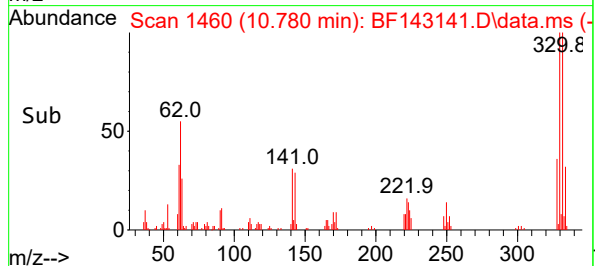
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion:330 Resp: 2628
Ion Ratio Lower Upper
330 100
332 99.4 76.7 115.1
141 34.3 23.3 34.9

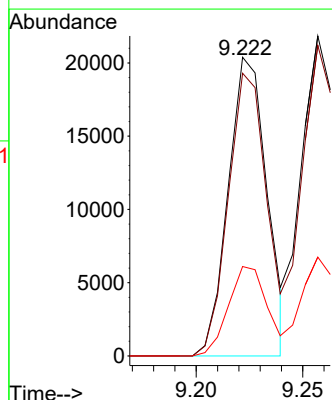
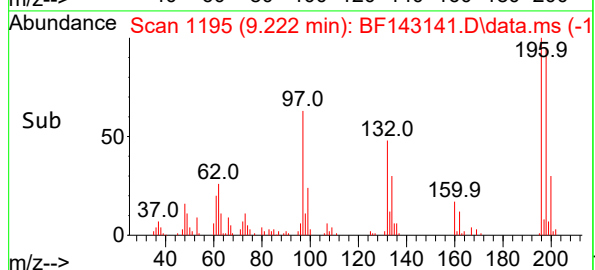
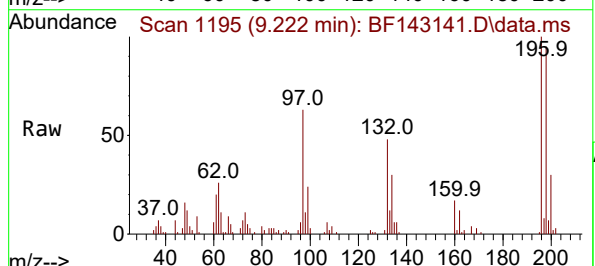
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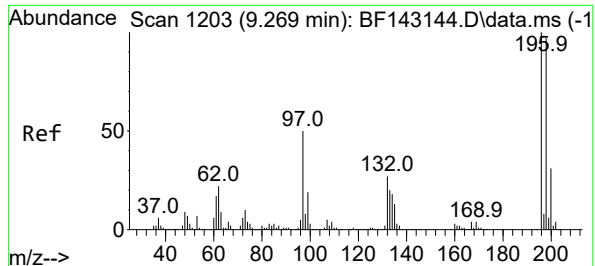
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



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

Tgt Ion:196 Resp: 25730
Ion Ratio Lower Upper
196 100
198 94.7 76.2 114.2
200 30.0 23.9 35.9





#44

2,4,5-Trichlorophenol

Concen: 5.057 ng

RT: 9.257 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF143141.D

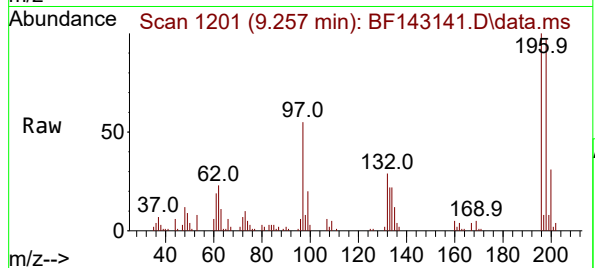
Acq: 17 Jul 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005



Tgt Ion:196 Resp: 26620

Ion Ratio Lower Upper

196 100

198 97.0 77.3 115.9

97 54.7 40.3 60.5

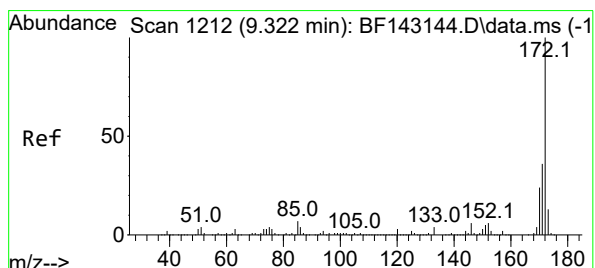
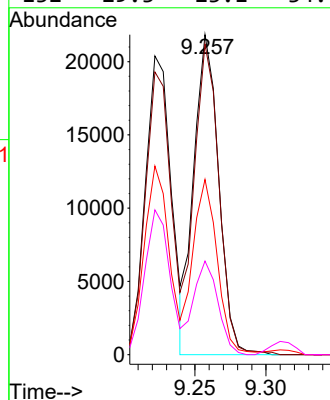
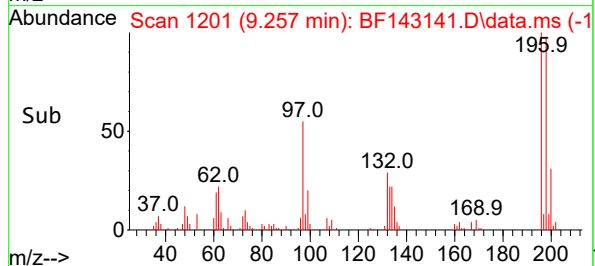
132 29.3 23.1 34.7

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#45

2-Fluorobiphenyl

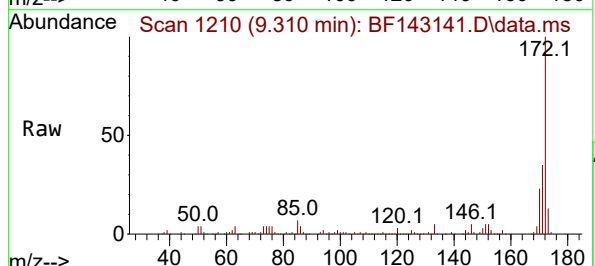
Concen: 12.043 ng

RT: 9.310 min Scan# 1210

Delta R.T. -0.012 min

Lab File: BF143141.D

Acq: 17 Jul 2025 11:34



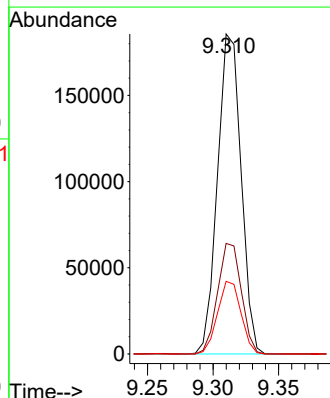
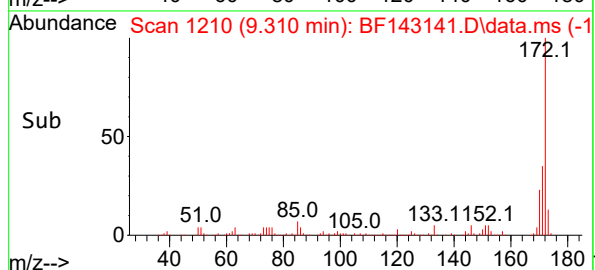
Tgt Ion:172 Resp: 231962

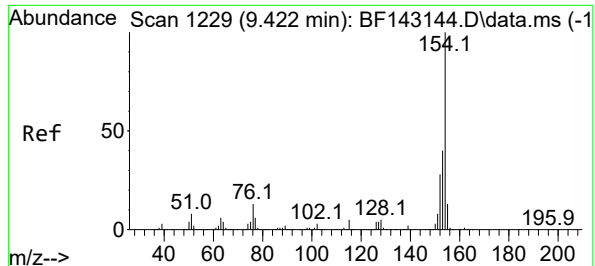
Ion Ratio Lower Upper

172 100

171 34.6 28.6 42.8

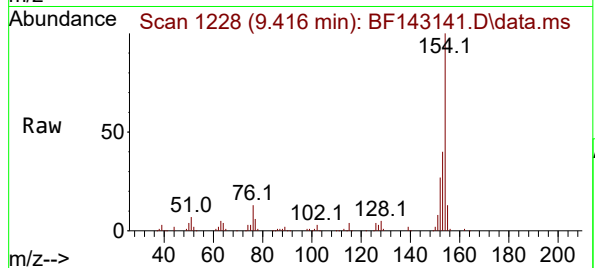
170 22.7 18.8 28.2





#46
1,1'-Biphenyl
Concen: 5.602 ng
RT: 9.416 min Scan# 115130
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

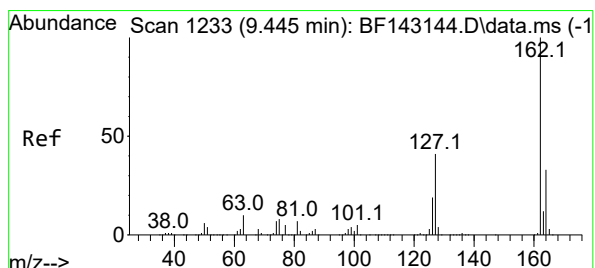
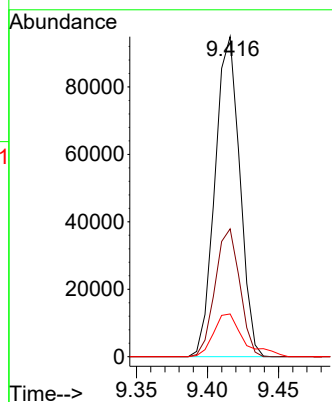
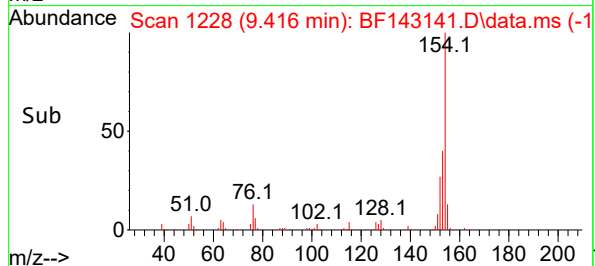
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion:154 Resp: 115130
Ion Ratio Lower Upper
154 100
153 40.0 20.3 60.3
76 13.4 0.0 33.3

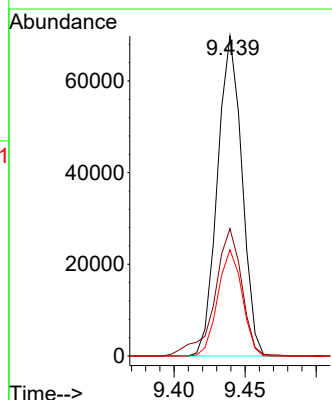
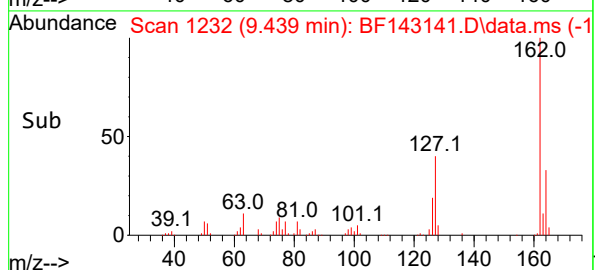
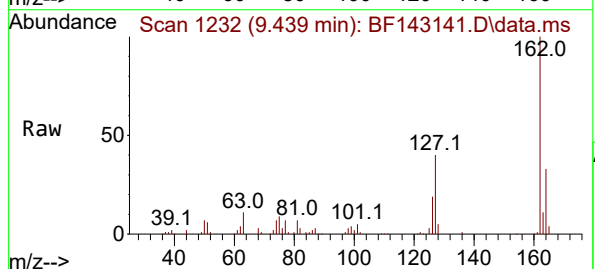
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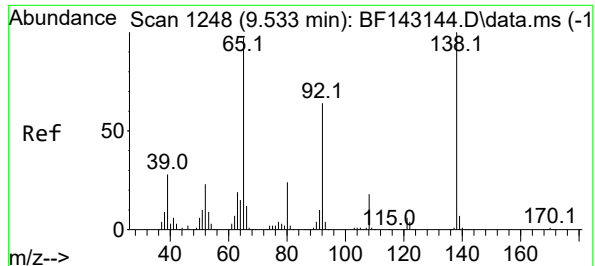
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



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

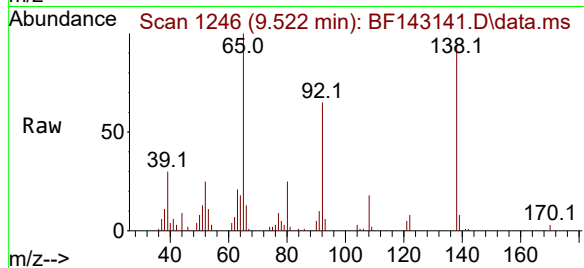
Tgt Ion:162 Resp: 83495
Ion Ratio Lower Upper
162 100
127 39.8 33.4 50.2
164 33.2 26.2 39.2





#48
2-Nitroaniline
Concen: 4.210 ng
RT: 9.522 min Scan# 1246
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

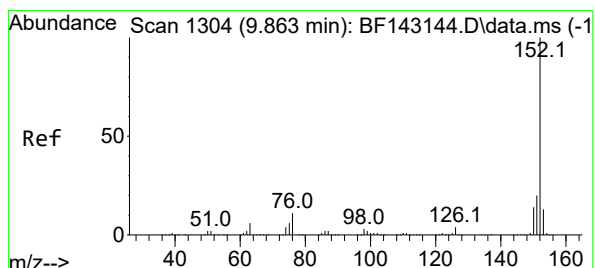
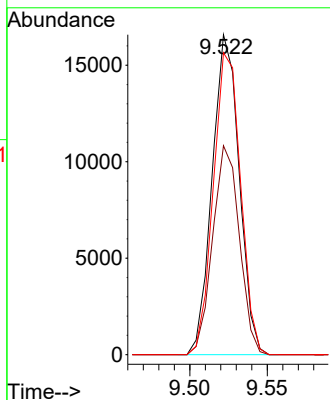
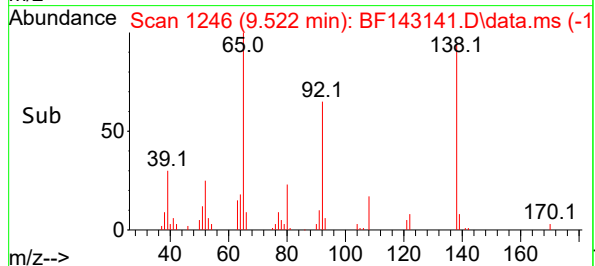
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion: 65 Resp: 20070
Ion Ratio Lower Upper
65 100
92 65.3 52.4 78.6
138 94.3 82.3 123.5

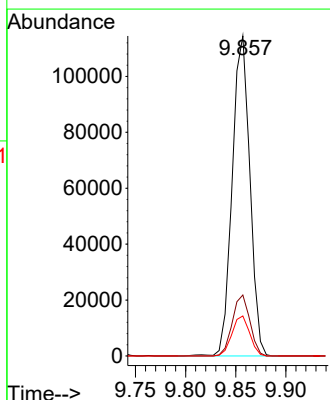
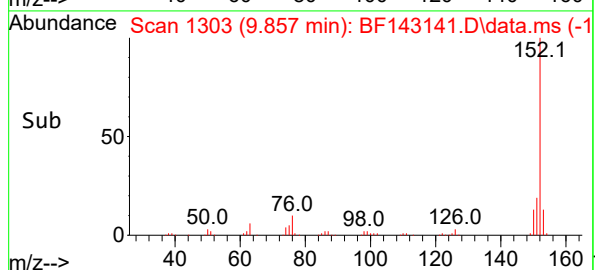
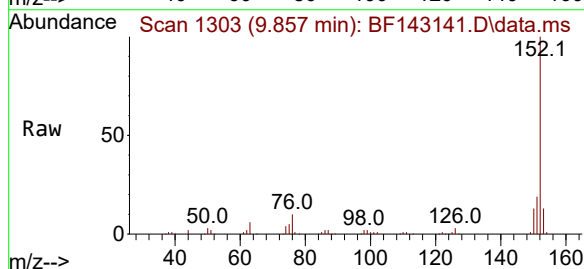
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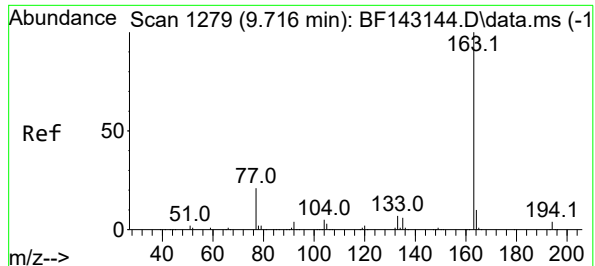
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



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

Tgt Ion:152 Resp: 140525
Ion Ratio Lower Upper
152 100
151 19.1 16.2 24.2
153 12.5 10.6 16.0





#50

Dimethylphthalate

Concen: 5.452 ng

RT: 9.704 min Scan# 1277

Delta R.T. -0.012 min

Lab File: BF143141.D

Acq: 17 Jul 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:163 Resp: 9361

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

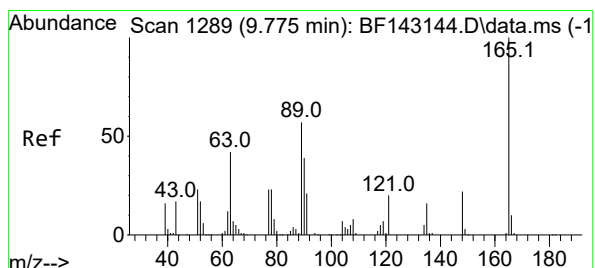
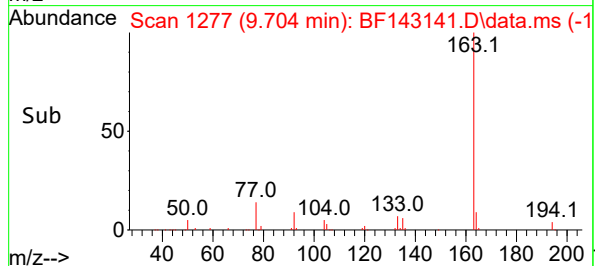
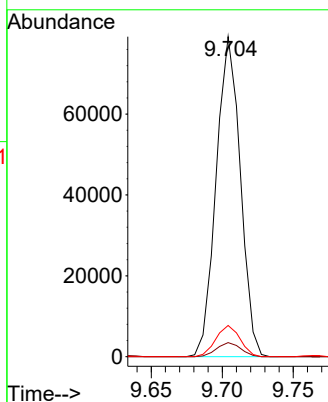
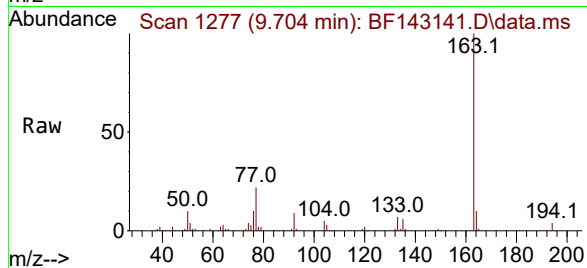
164 9.8 8.3 12.5

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#51

2,6-Dinitrotoluene

Concen: 4.234 ng

RT: 9.763 min Scan# 1287

Delta R.T. -0.012 min

Lab File: BF143141.D

Acq: 17 Jul 2025 11:34

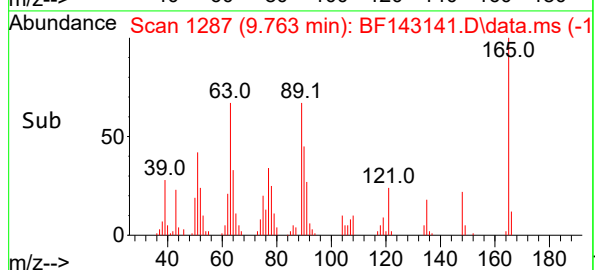
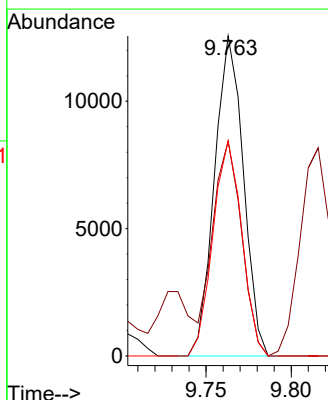
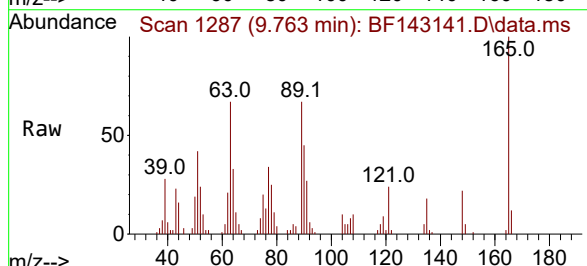
Tgt Ion:165 Resp: 14787

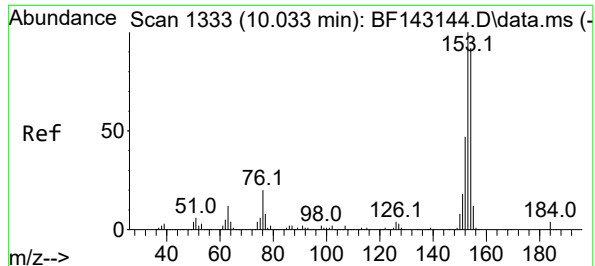
Ion Ratio Lower Upper

165 100

63 67.1 49.4 74.2

89 67.2 46.2 69.2





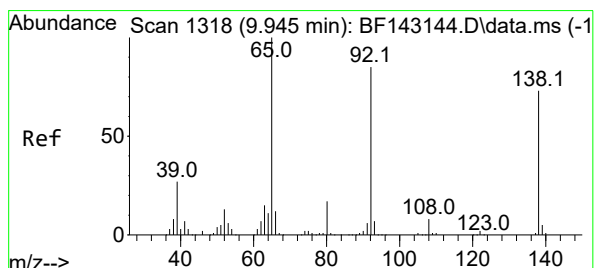
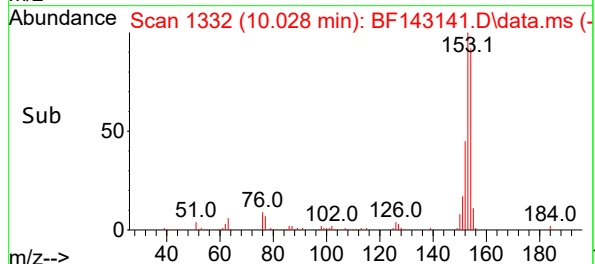
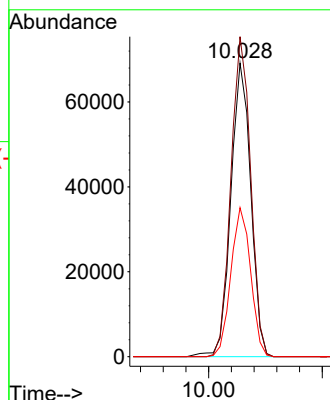
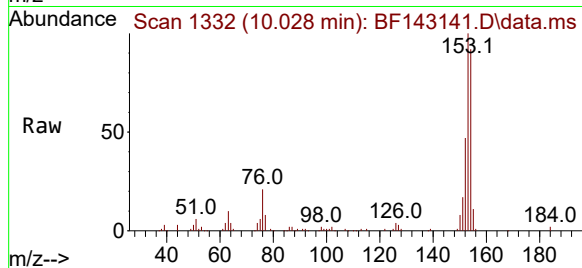
#52
Acenaphthene
Concen: 5.588 ng
RT: 10.028 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:154 Resp: 84160
Ion Ratio Lower Upper
154 100
153 109.0 86.6 129.8
152 50.7 40.4 60.6

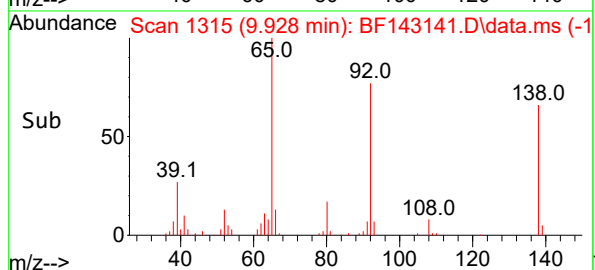
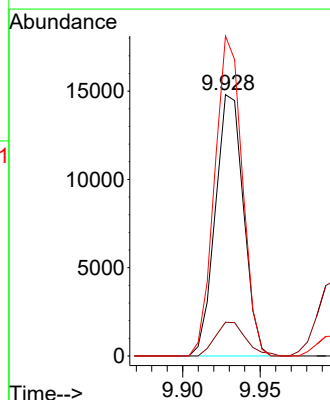
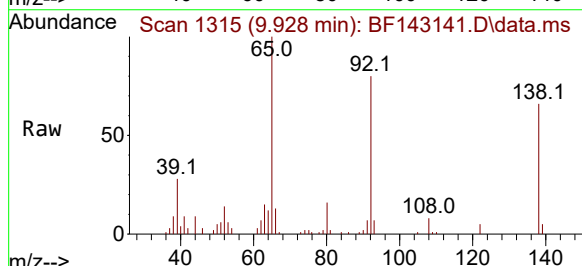
Manual Integrations
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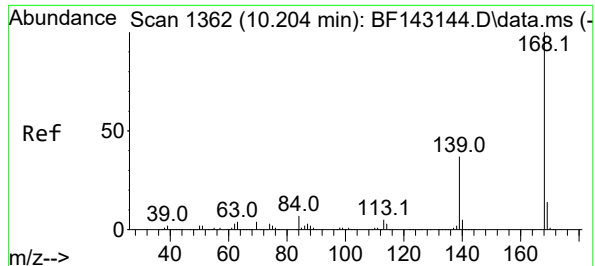
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



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

Tgt Ion:138 Resp: 18738
Ion Ratio Lower Upper
138 100
108 12.9 9.0 13.6
92 122.5 93.0 139.4





#55

Dibenzenofuran

Concen: 5.681 ng

RT: 10.198 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143141.D

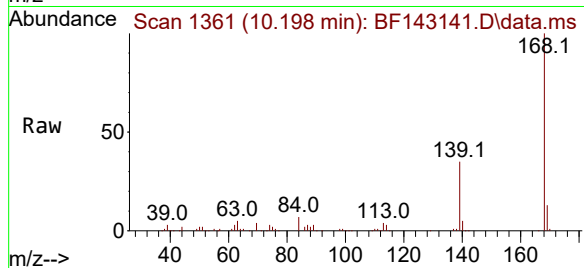
Acq: 17 Jul 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005



Tgt Ion:168 Resp: 127035

Ion Ratio Lower Upper

168 100

139 34.7 29.5 44.3

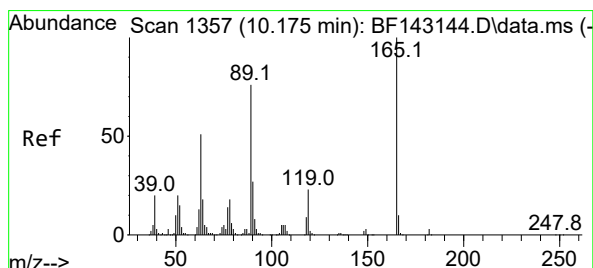
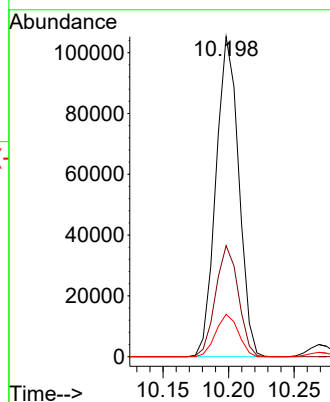
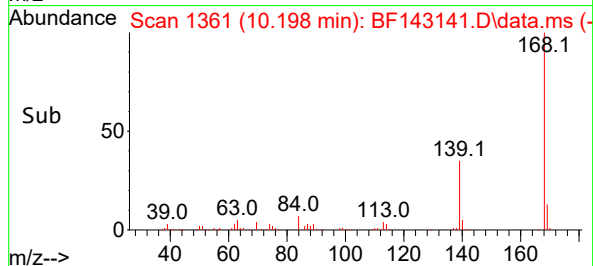
169 13.3 10.9 16.3

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#57

2,4-Dinitrotoluene

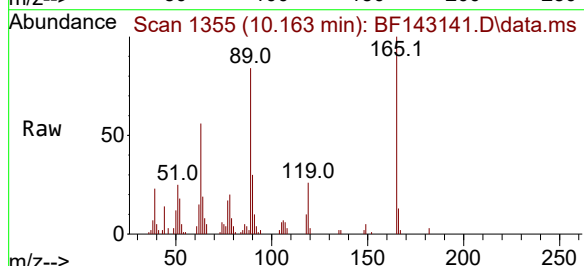
Concen: 4.041 ng

RT: 10.163 min Scan# 1355

Delta R.T. -0.012 min

Lab File: BF143141.D

Acq: 17 Jul 2025 11:34



Tgt Ion:165 Resp: 17709

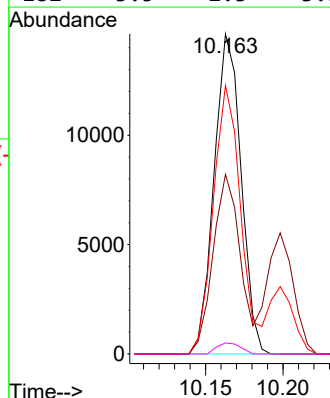
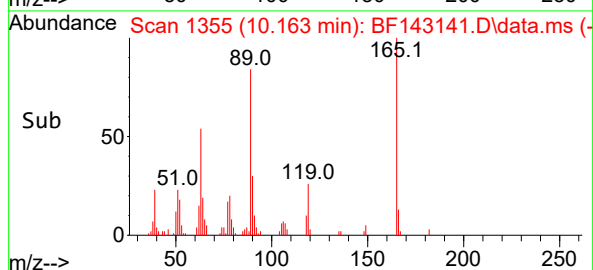
Ion Ratio Lower Upper

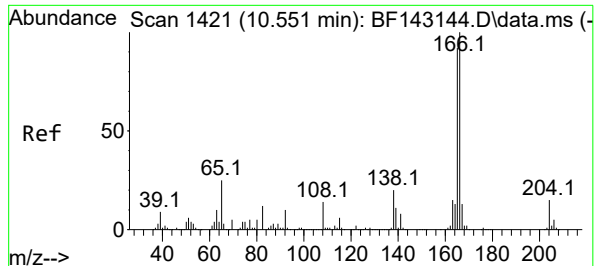
165 100

63 56.1 41.0 61.4

89 83.9 61.1 91.7

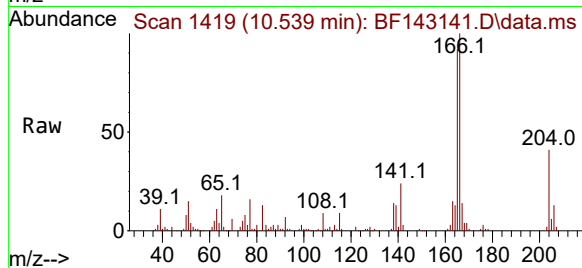
182 3.5 2.3 3.5





#58
Fluorene
Concen: 5.808 ng
RT: 10.539 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

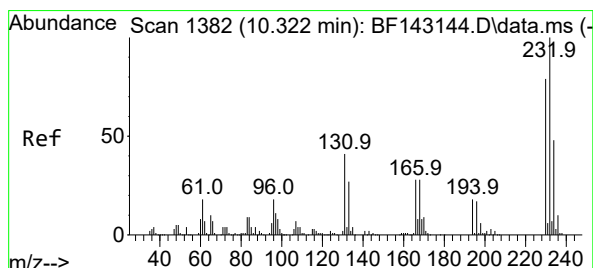
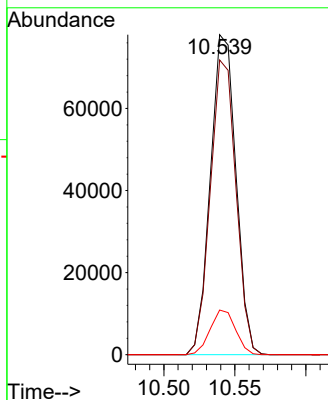
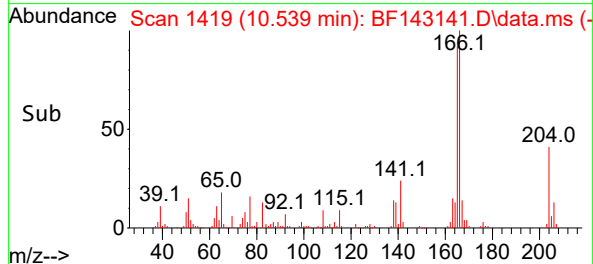
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion:166 Resp: 9747
Ion Ratio Lower Upper
166 100
165 92.1 73.7 110.5
167 14.0 10.6 16.0

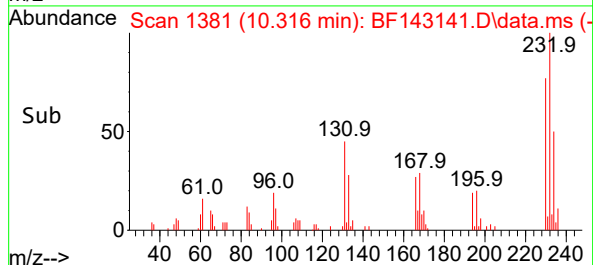
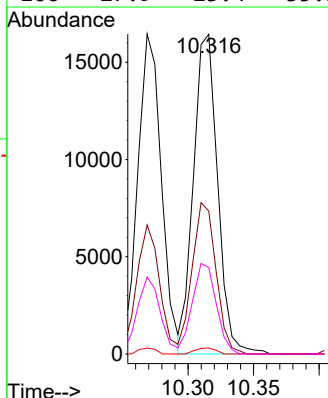
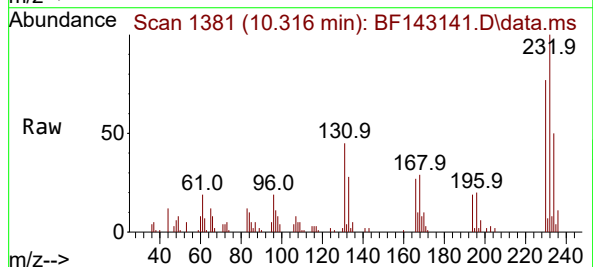
Manual Integrations
APPROVED

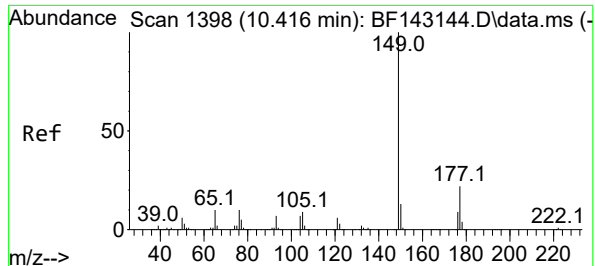
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



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

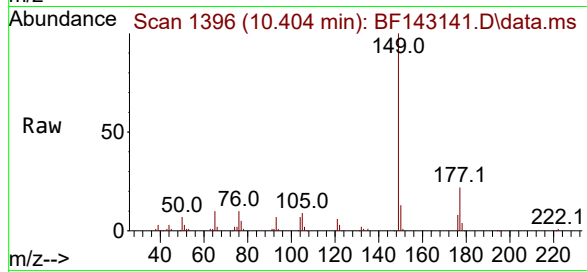
Tgt Ion:232 Resp: 21108
Ion Ratio Lower Upper
232 100
131 46.6 35.3 52.9
130 1.6 1.7 2.5#
166 27.9 23.4 35.2





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

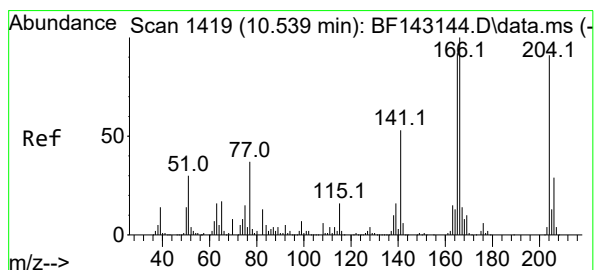
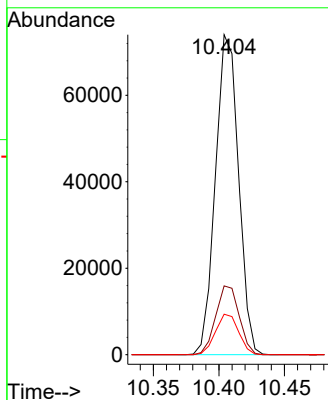
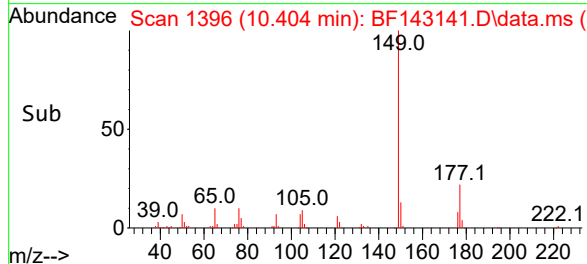
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion:149 Resp: 9065
Ion Ratio Lower Upper
149 100
177 21.5 17.5 26.3
150 12.7 10.2 15.2

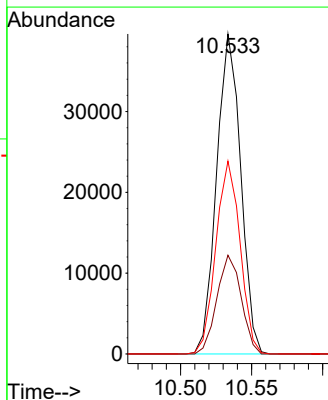
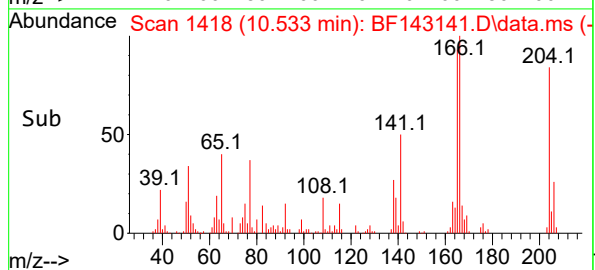
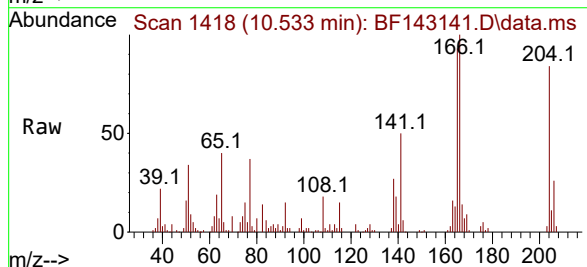
Manual Integrations
APPROVED

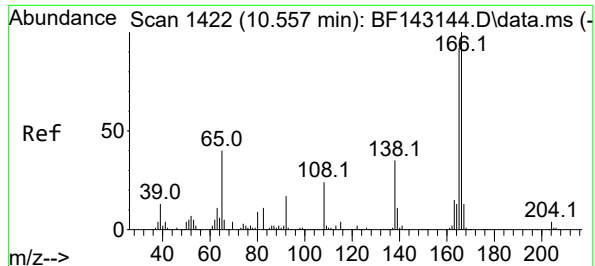
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



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

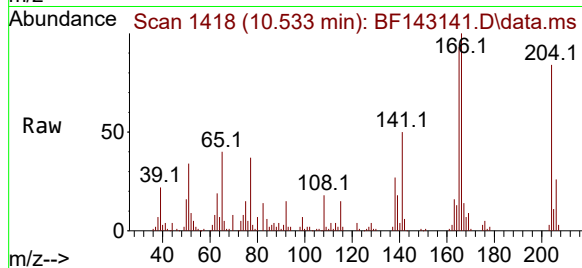
Tgt Ion:204 Resp: 46747
Ion Ratio Lower Upper
204 100
206 30.8 25.8 38.8
141 60.2 47.0 70.4





#62
4-Nitroaniline
Concen: 4.446 ng
RT: 10.533 min Scan# 1418
Delta R.T. -0.023 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

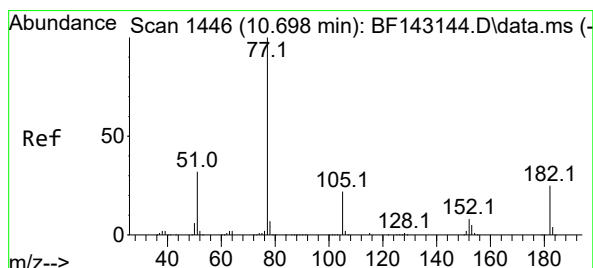
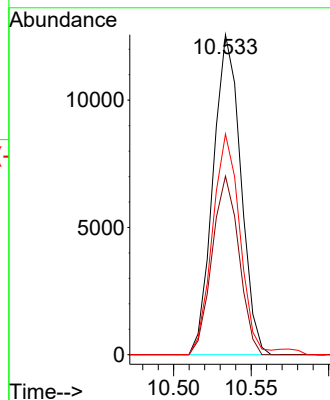
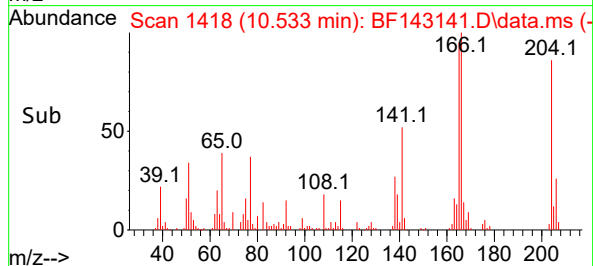
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



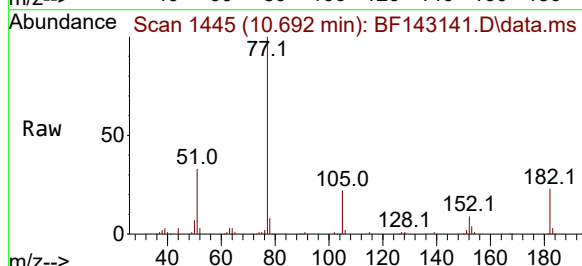
Tgt Ion:138 Resp: 1556
Ion Ratio Lower Upper
138 100
92 55.8 29.3 69.3
108 68.9 48.3 88.3

Manual Integrations
APPROVED

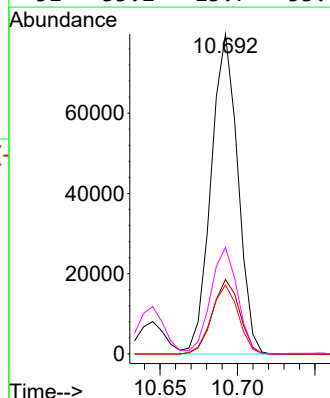
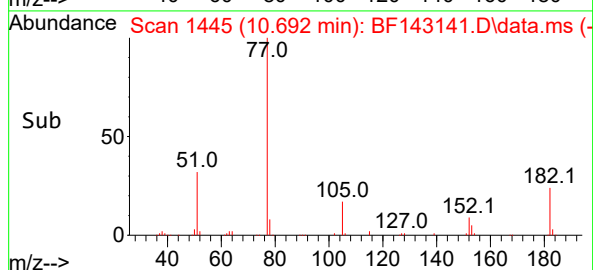
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

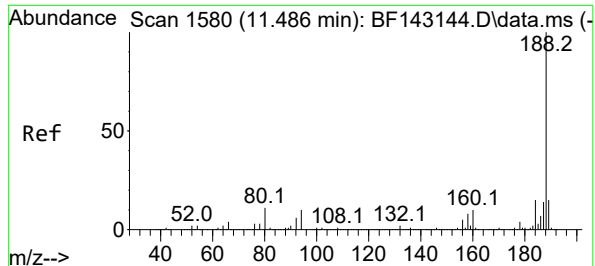


#63
Azobenzene
Concen: 5.405 ng
RT: 10.692 min Scan# 1445
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34



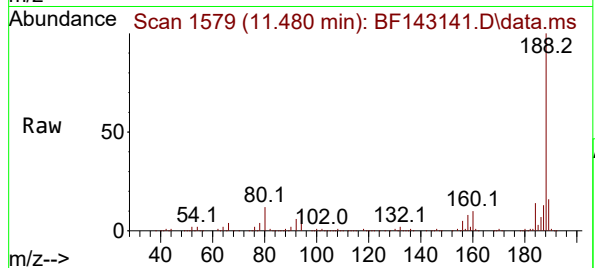
Tgt Ion: 77 Resp: 95602
Ion Ratio Lower Upper
77 100
182 23.2 4.6 44.6
105 21.5 1.4 41.4
51 33.2 13.7 53.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

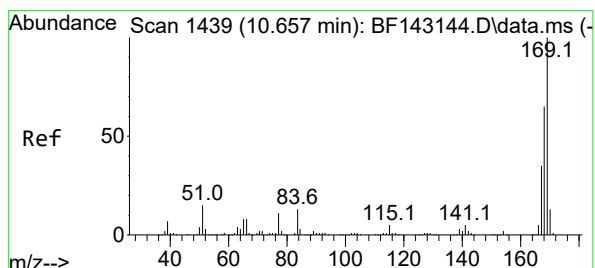
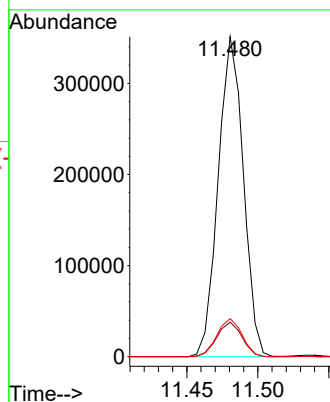
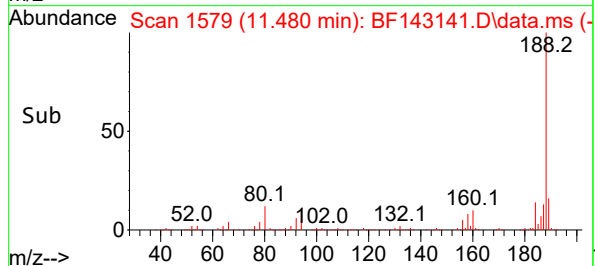
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion:188 Resp: 432329
Ion Ratio Lower Upper
188 100
94 10.8 8.3 12.5
80 11.9 9.0 13.6

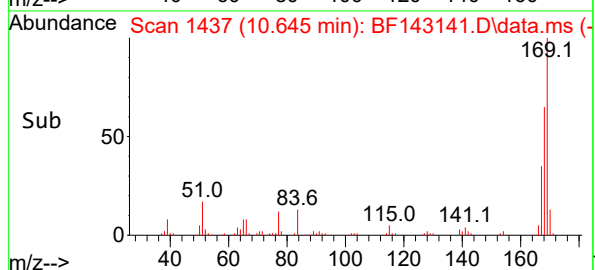
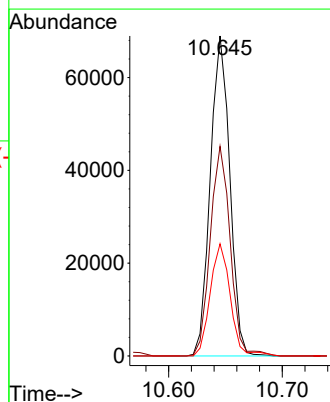
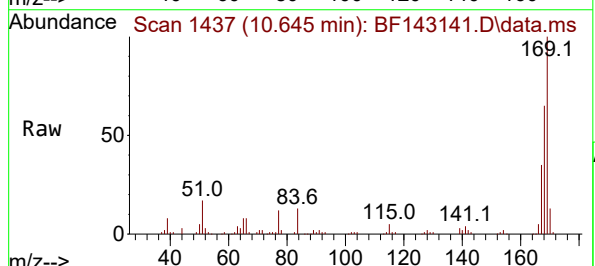
Manual Integrations
APPROVED

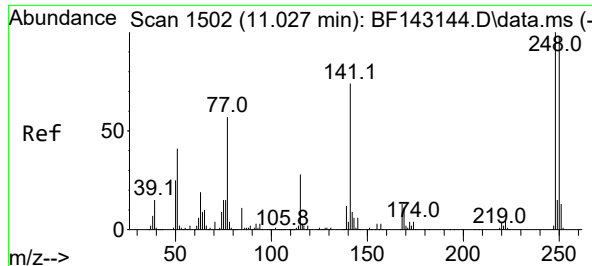
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



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

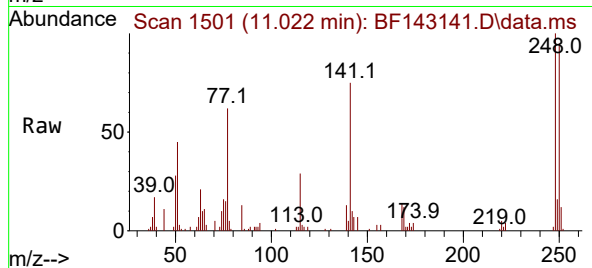
Tgt Ion:169 Resp: 82281
Ion Ratio Lower Upper
169 100
168 65.5 52.1 78.1
167 35.1 28.2 42.2





#67
4-Bromophenyl-phenylether
Concen: 5.291 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

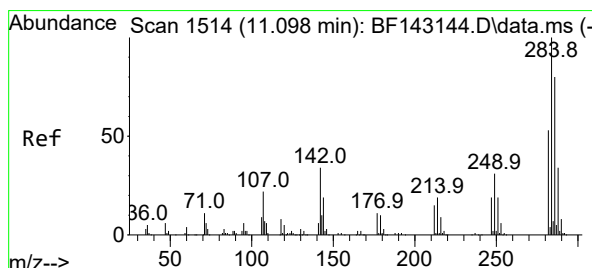
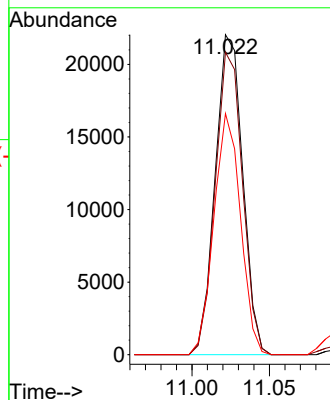
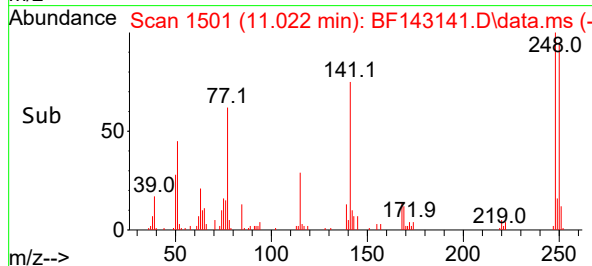
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



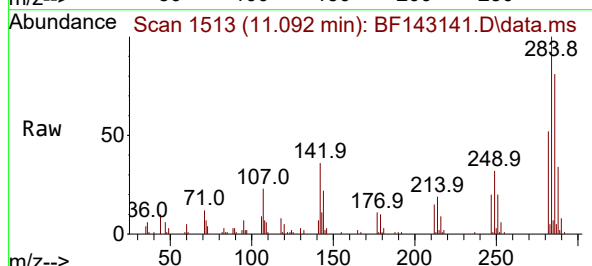
Tgt Ion:248 Resp: 27259
Ion Ratio Lower Upper
248 100
250 94.5 78.3 117.5
141 75.4 59.2 88.8

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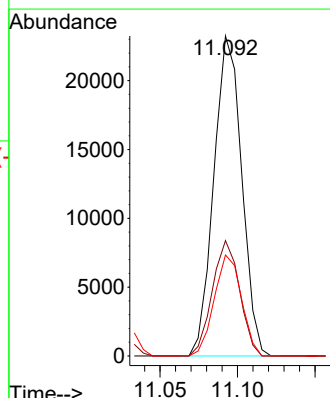
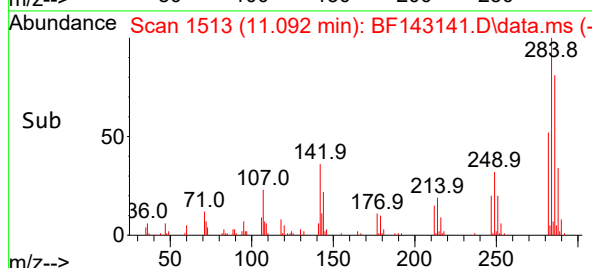
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

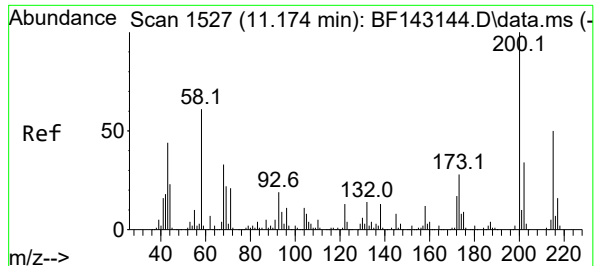


#68
Hexachlorobenzene
Concen: 5.395 ng
RT: 11.092 min Scan# 1513
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34



Tgt Ion:284 Resp: 29052
Ion Ratio Lower Upper
284 100
142 36.1 27.0 40.6
249 31.5 25.0 37.6





#69

Atrazine

Concen: 4.733 ng

RT: 11.169 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143141.D

Acq: 17 Jul 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:200 Resp: 1986

Ion Ratio Lower Upper

200 100

173 28.5 7.9 47.9

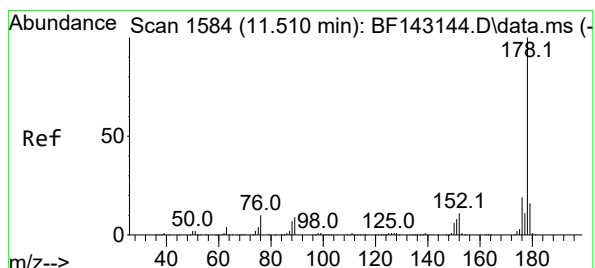
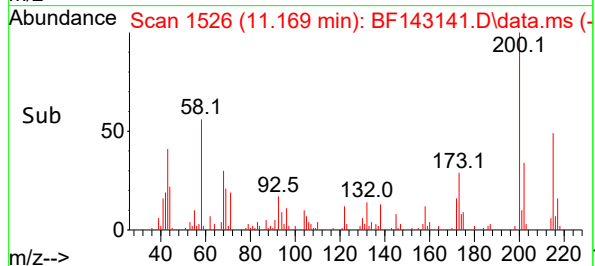
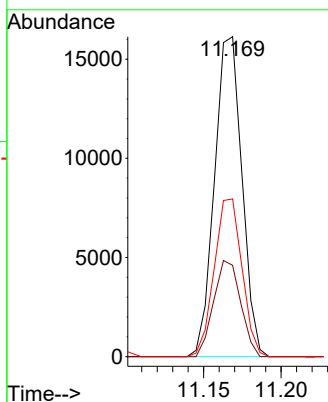
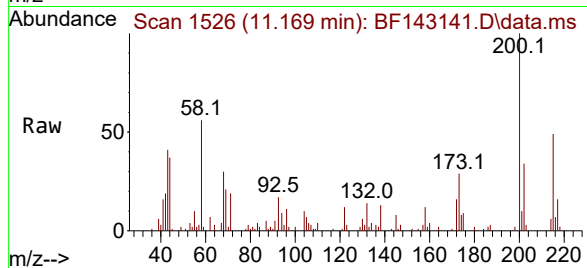
215 49.3 30.1 70.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#71

Phenanthrene

Concen: 5.609 ng

RT: 11.504 min Scan# 1583

Delta R.T. -0.006 min

Lab File: BF143141.D

Acq: 17 Jul 2025 11:34

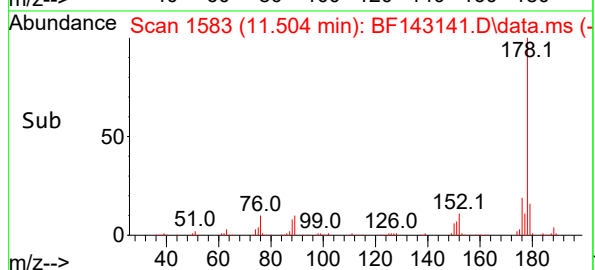
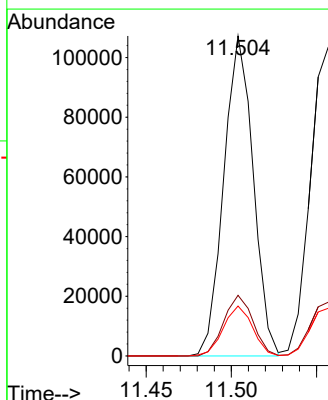
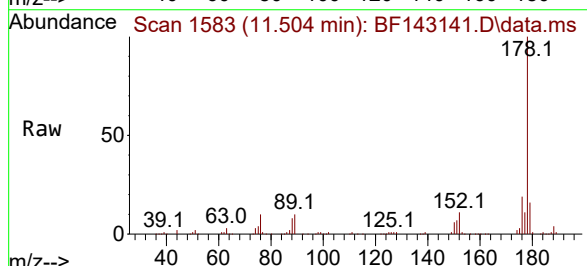
Tgt Ion:178 Resp: 128762

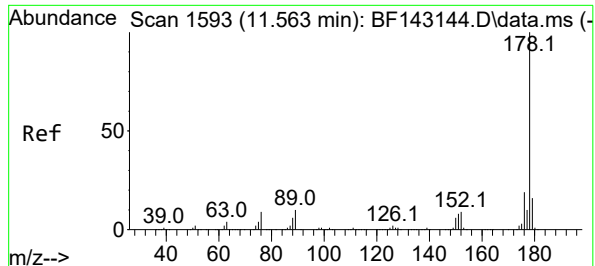
Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

179 15.6 12.5 18.7





#72

Anthracene

Concen: 5.465 ng

RT: 11.557 min Scan# 1592

Delta R.T. -0.006 min

Lab File: BF143141.D

Acq: 17 Jul 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:178 Resp: 127938

Ion Ratio Lower Upper

178 100

176 17.4 15.0 22.4

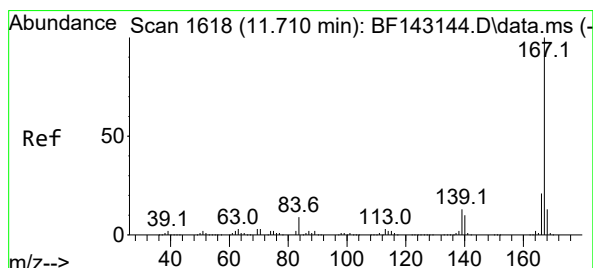
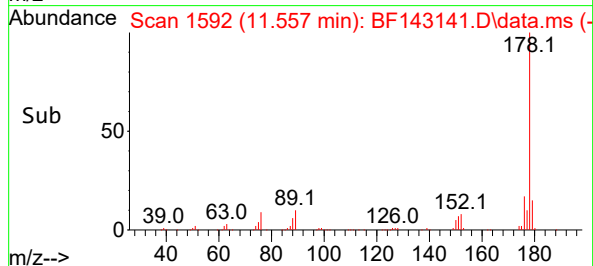
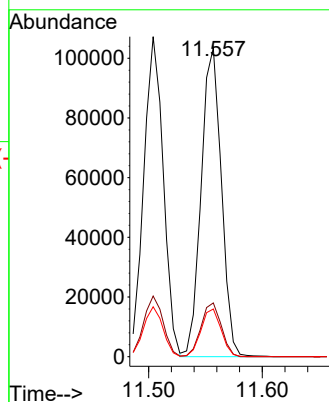
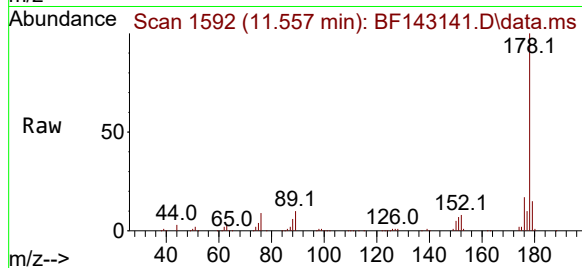
179 15.4 12.5 18.7

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#73

Carbazole

Concen: 5.507 ng

RT: 11.704 min Scan# 1617

Delta R.T. -0.006 min

Lab File: BF143141.D

Acq: 17 Jul 2025 11:34

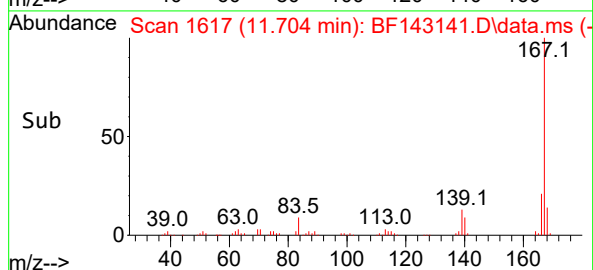
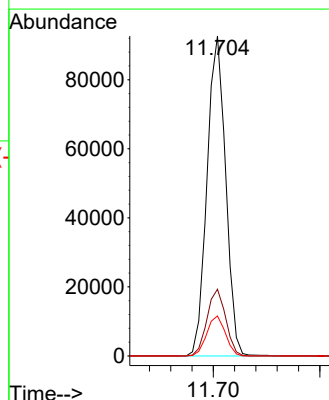
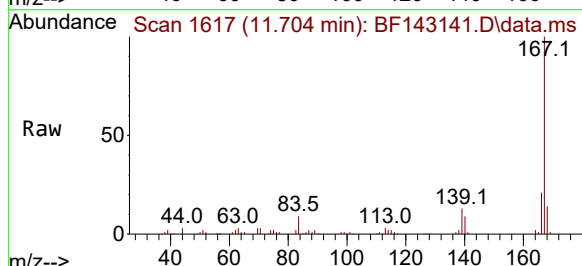
Tgt Ion:167 Resp: 112588

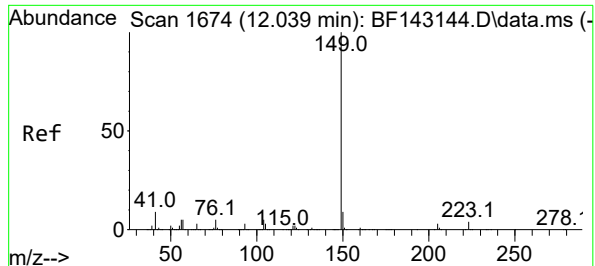
Ion Ratio Lower Upper

167 100

166 20.9 17.0 25.6

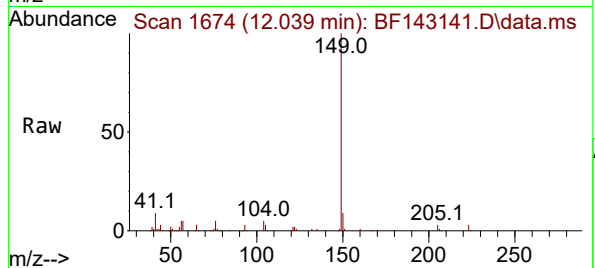
139 12.5 10.0 15.0





#74
Di-n-butylphthalate
Concen: 5.027 ng
RT: 12.039 min Scan# 1674
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

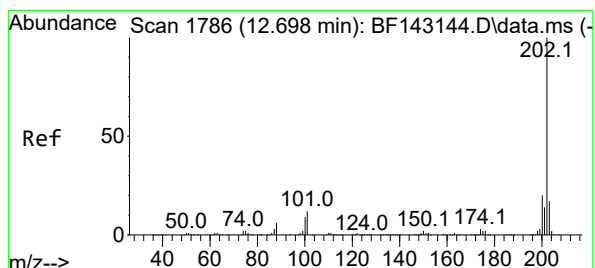
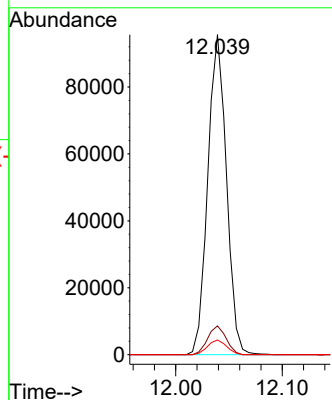
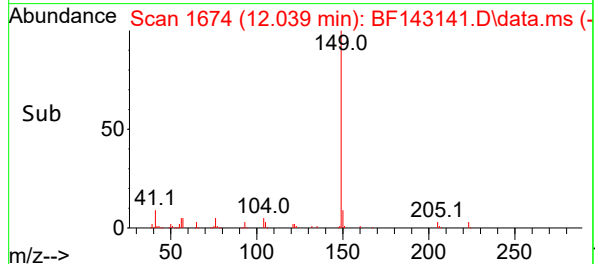
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



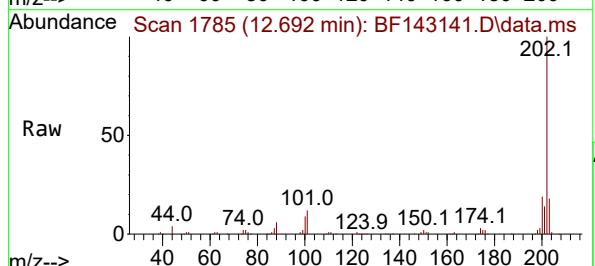
Tgt Ion:149 Resp: 11629
Ion Ratio Lower Upper
149 100
150 9.0 7.4 11.2
104 4.6 3.8 5.8

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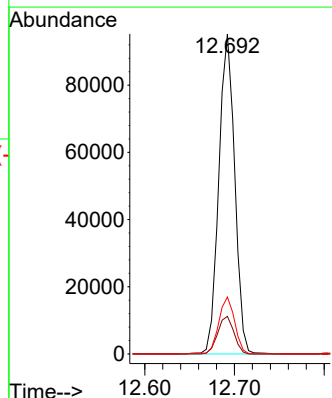
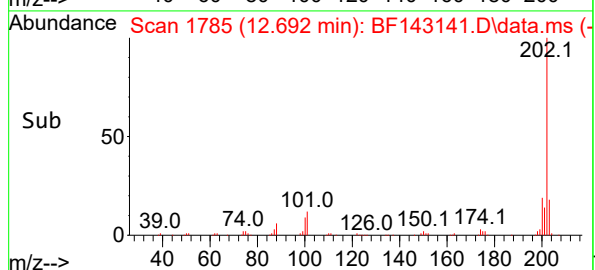
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

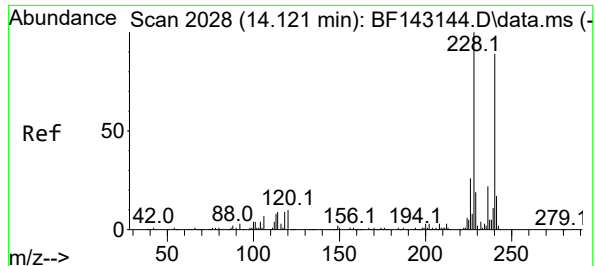


#75
Fluoranthene
Concen: 5.565 ng
RT: 12.692 min Scan# 1785
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34



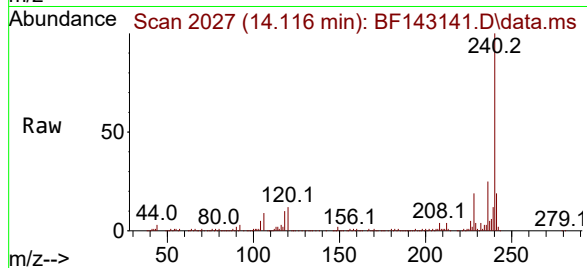
Tgt Ion:202 Resp: 117249
Ion Ratio Lower Upper
202 100
101 11.7 0.0 31.7
203 17.8 0.0 37.4





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.116 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

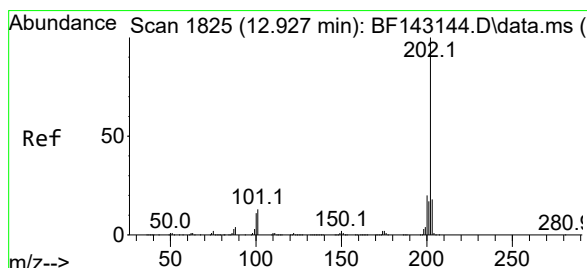
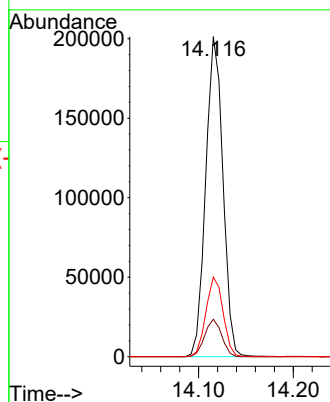
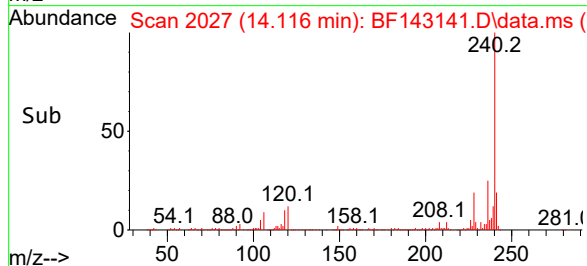
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion:240 Resp: 253004
Ion Ratio Lower Upper
240 100
120 11.7 9.4 14.2
236 24.9 20.2 30.4

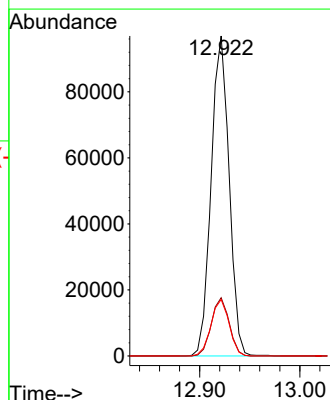
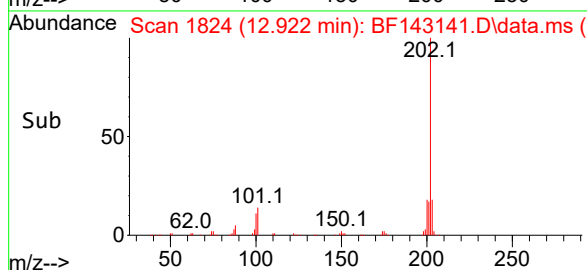
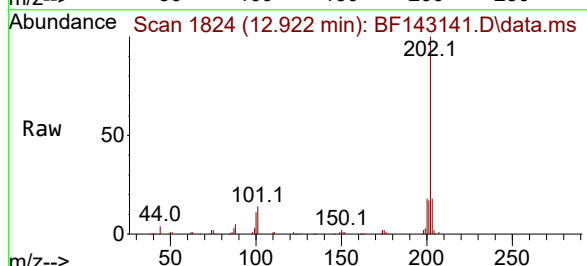
Manual Integrations
APPROVED

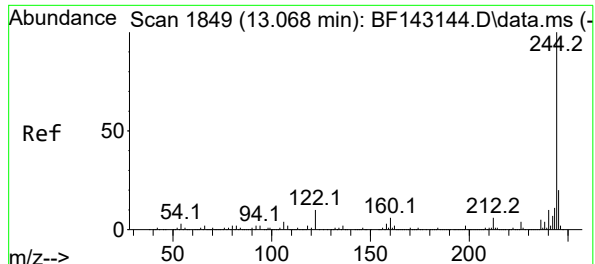
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



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

Tgt Ion:202 Resp: 120767
Ion Ratio Lower Upper
202 100
200 18.2 15.7 23.5
203 17.6 14.2 21.2





#79

Terphenyl-d14

Concen: 11.656 ng

RT: 13.063 min Scan# 1848

Delta R.T. -0.006 min

Lab File: BF143141.D

Acq: 17 Jul 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:244 Resp: 19816

Ion Ratio Lower Upper

244 100

212 6.2 5.2 7.8

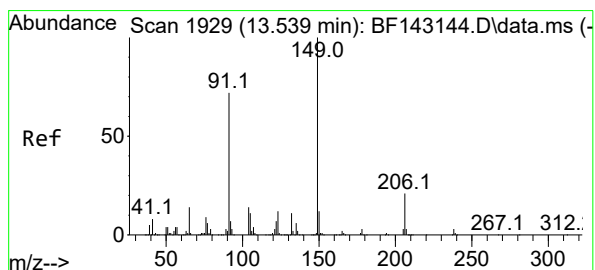
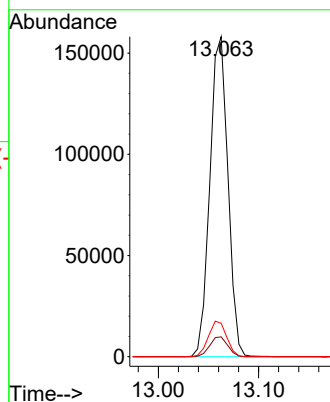
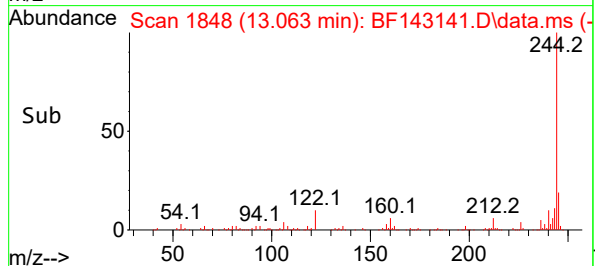
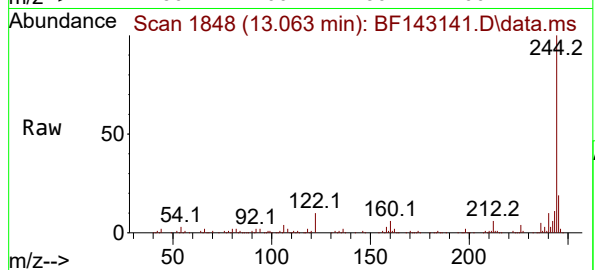
122 10.5 8.2 12.2

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#80

Butylbenzylphthalate

Concen: 4.189 ng

RT: 13.533 min Scan# 1928

Delta R.T. -0.006 min

Lab File: BF143141.D

Acq: 17 Jul 2025 11:34

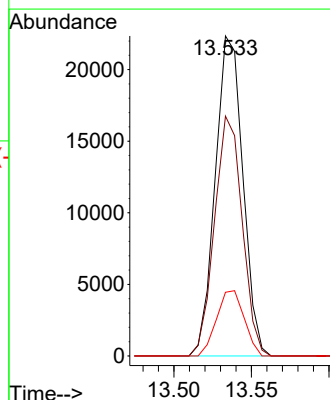
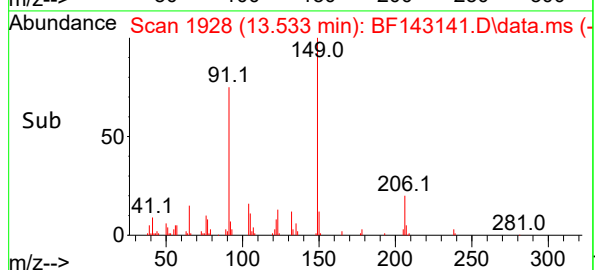
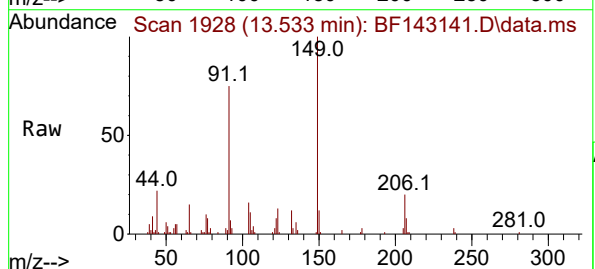
Tgt Ion:149 Resp: 27699

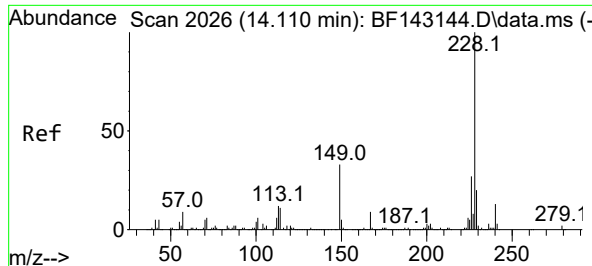
Ion Ratio Lower Upper

149 100

91 74.9 57.9 86.9

206 19.9 17.0 25.4





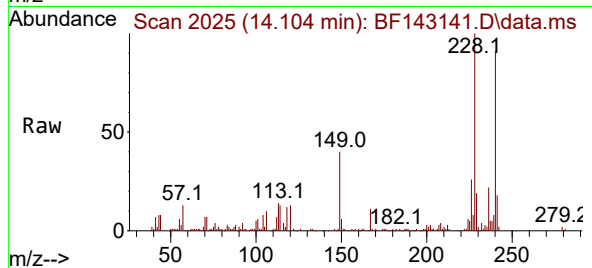
#81
Benzo(a)anthracene
Concen: 5.131 ng
RT: 14.104 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

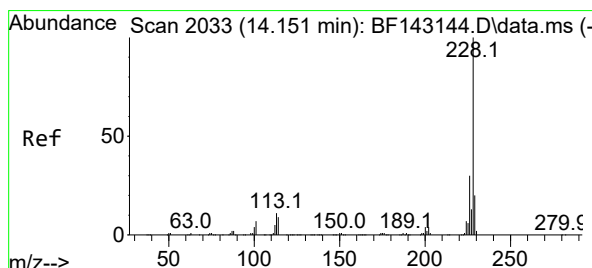
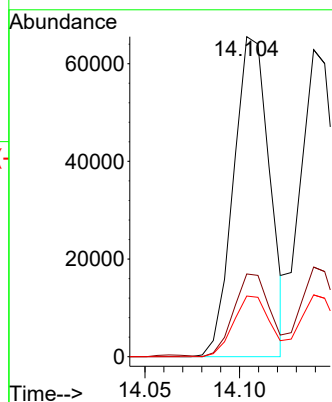
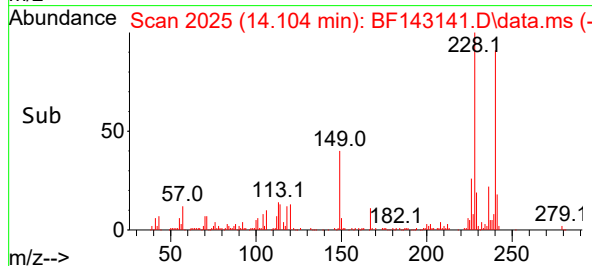


Tgt Ion:228 Resp: 86920
Ion Ratio Lower Upper
228 100
226 25.8 21.7 32.5
229 19.0 15.8 23.6

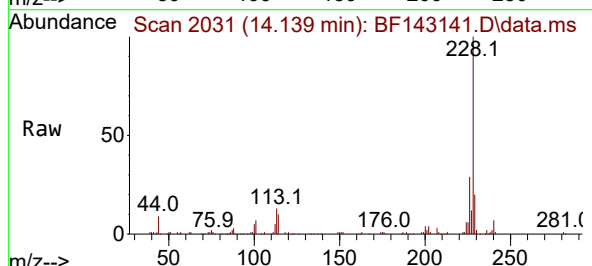
Manual Integrations

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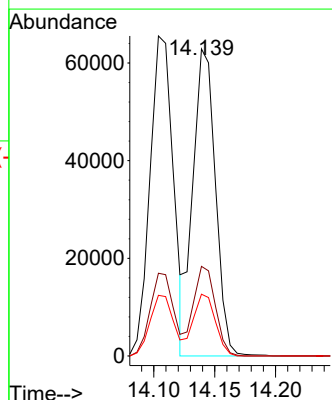
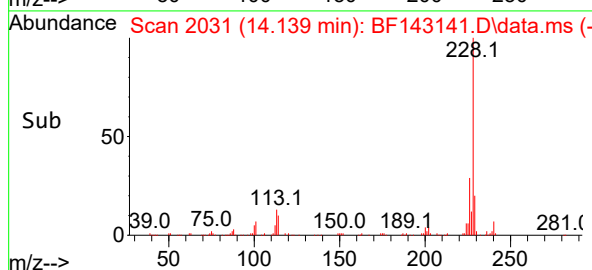
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

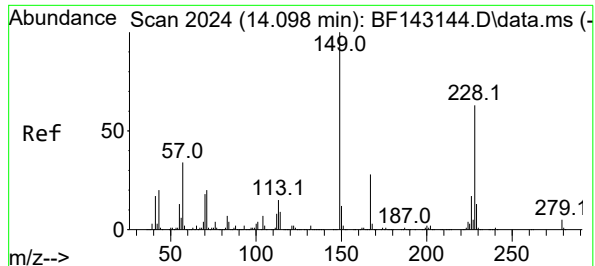


#83
Chrysene
Concen: 5.325 ng
RT: 14.139 min Scan# 2031
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34



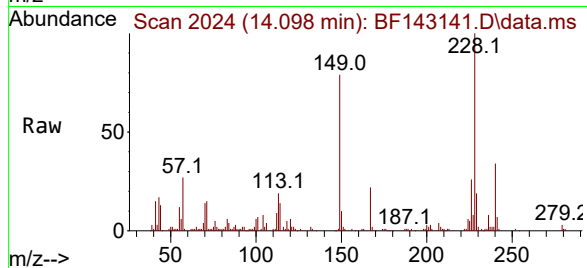
Tgt Ion:228 Resp: 81091
Ion Ratio Lower Upper
228 100
226 29.2 23.8 35.8
229 20.1 15.6 23.4





#84
Bis(2-ethylhexyl)phthalate
Concen: 4.370 ng
RT: 14.098 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

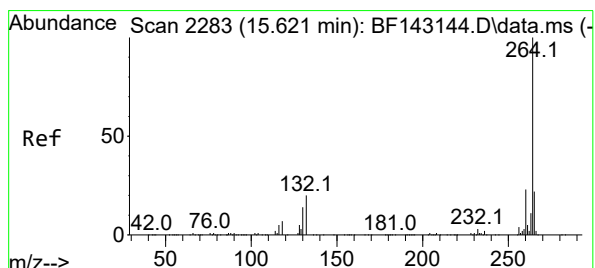
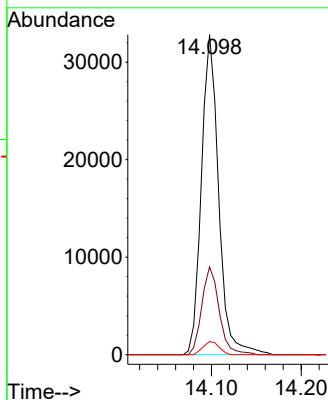
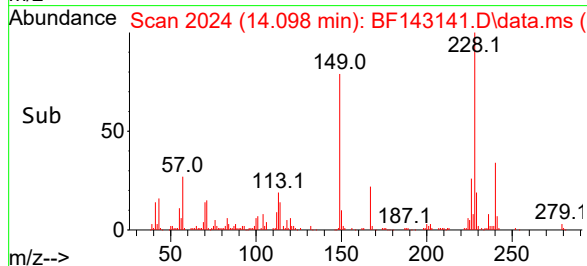
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



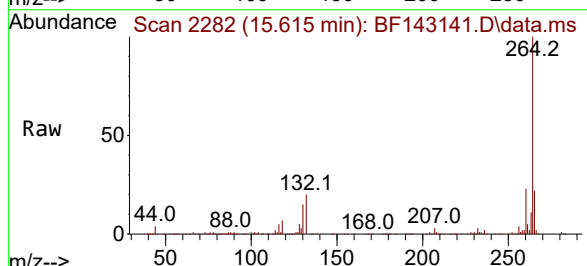
Tgt Ion:149 Resp: 43732
Ion Ratio Lower Upper
149 100
167 27.5 22.3 33.5
279 4.1 3.6 5.4

Manual Integrations
APPROVED

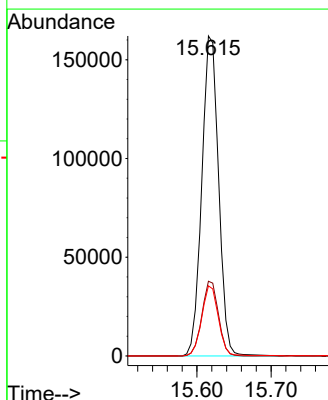
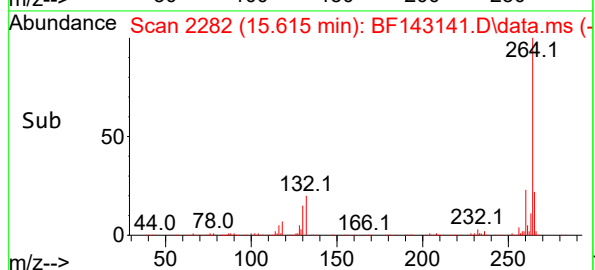
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

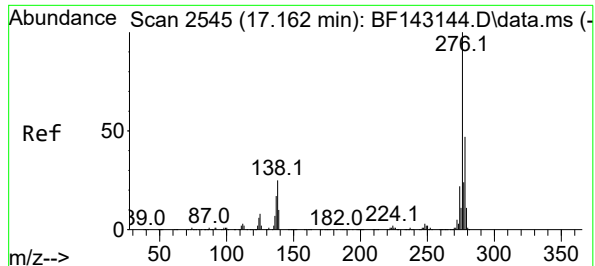


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.615 min Scan# 2282
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34



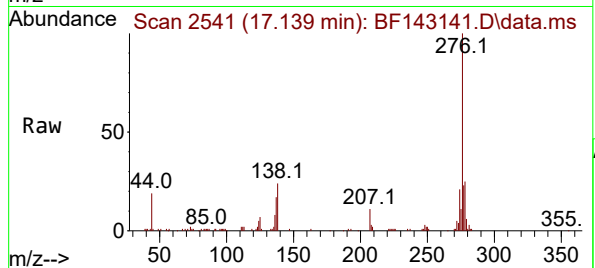
Tgt Ion:264 Resp: 255898
Ion Ratio Lower Upper
264 100
260 23.4 18.5 27.7
265 21.9 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 5.047 ng
RT: 17.139 min Scan# 21
Delta R.T. -0.023 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

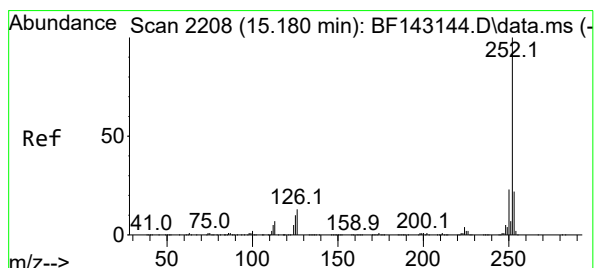
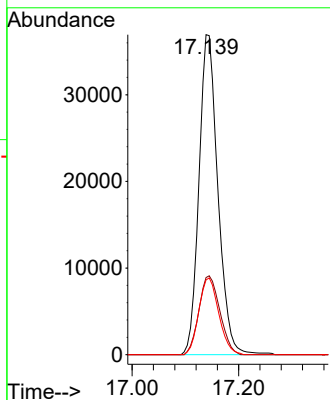
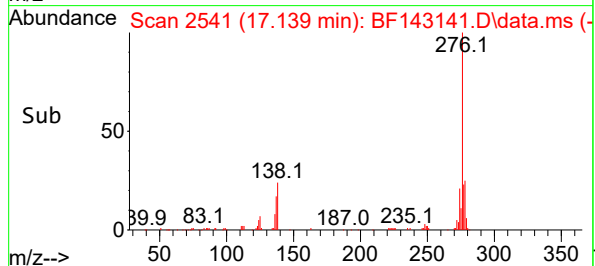
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



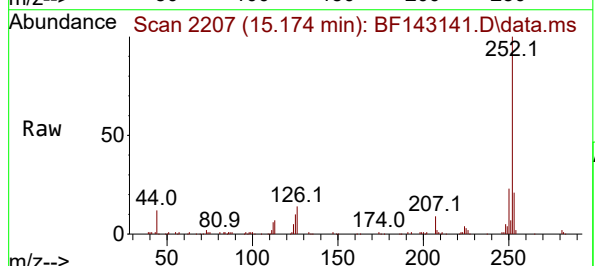
Tgt Ion:276 Resp: 91070
Ion Ratio Lower Upper
276 100
138 27.2 21.8 32.6
277 25.2 20.0 30.0

Manual Integrations
APPROVED

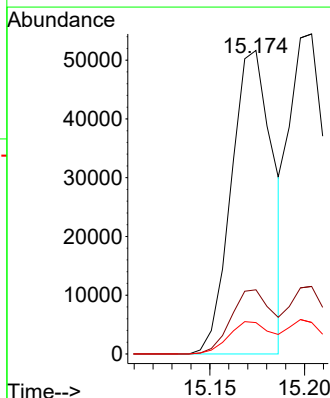
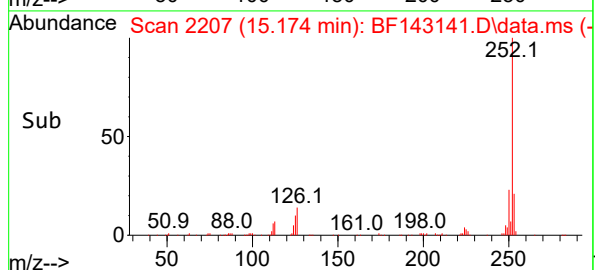
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

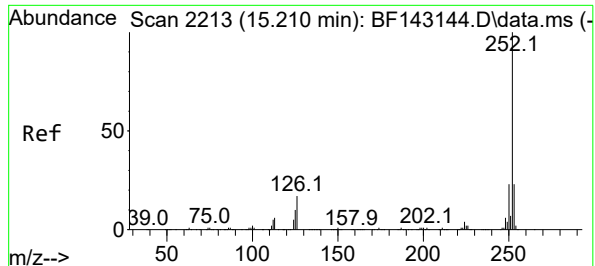


#88
Benzo(b)fluoranthene
Concen: 5.037 ng
RT: 15.174 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34



Tgt Ion:252 Resp: 78749
Ion Ratio Lower Upper
252 100
253 21.1 17.5 26.3
125 10.3 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 5.358 ng

RT: 15.204 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143141.D

Acq: 17 Jul 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:252 Resp: 74738

Ion Ratio Lower Upper

252 100

253 21.1 17.8 26.6

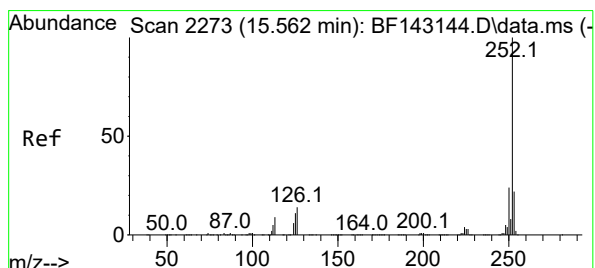
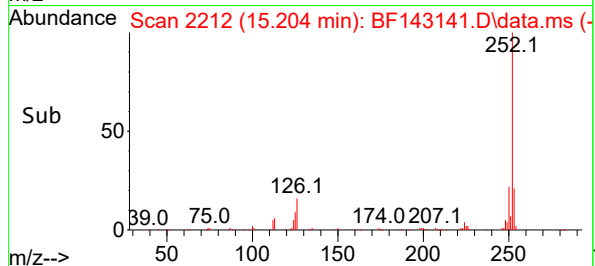
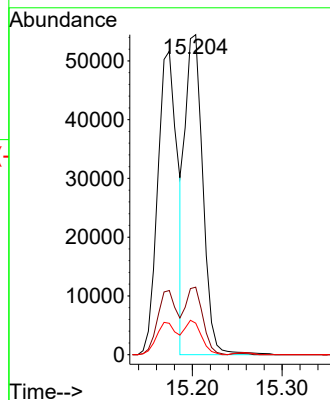
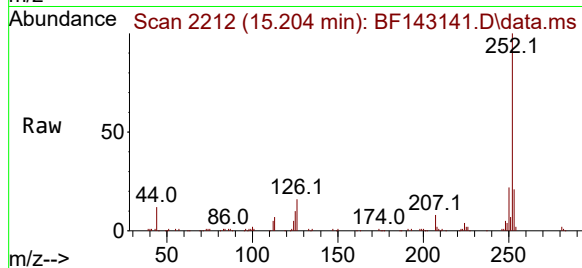
125 9.9 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#90

Benzo(a)pyrene

Concen: 5.012 ng

RT: 15.551 min Scan# 2271

Delta R.T. -0.012 min

Lab File: BF143141.D

Acq: 17 Jul 2025 11:34

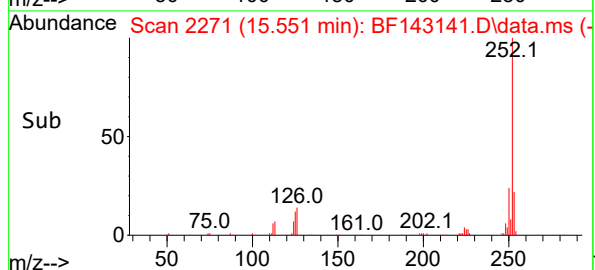
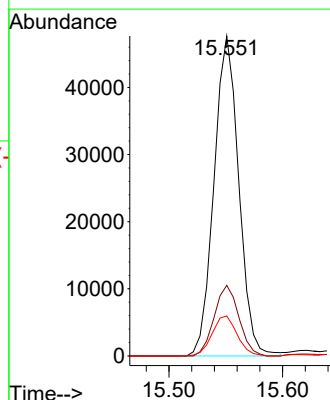
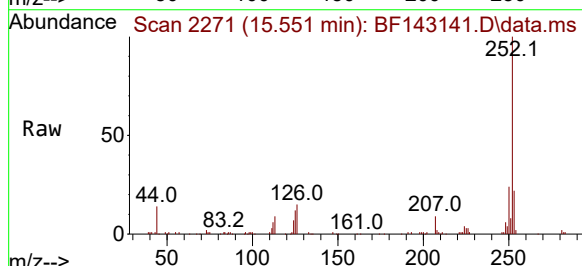
Tgt Ion:252 Resp: 72196

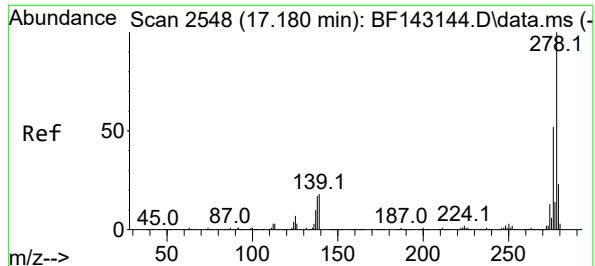
Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

125 12.5 8.6 13.0





#91
Dibenzo(a,h)anthracene
Concen: 5.047 ng
RT: 17.162 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :

BNA_F

ClientSampleId :

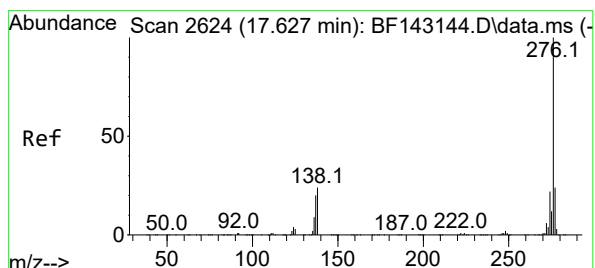
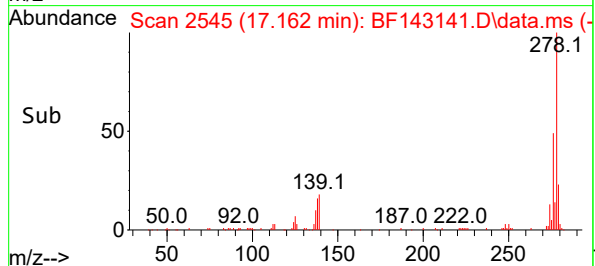
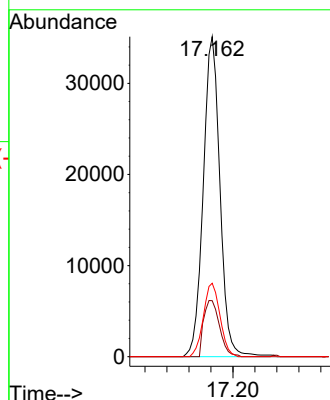
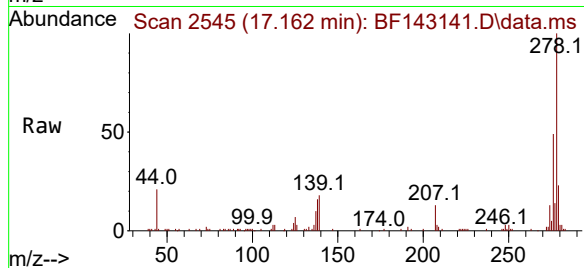
SSTDICC005

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

Manual Integrations

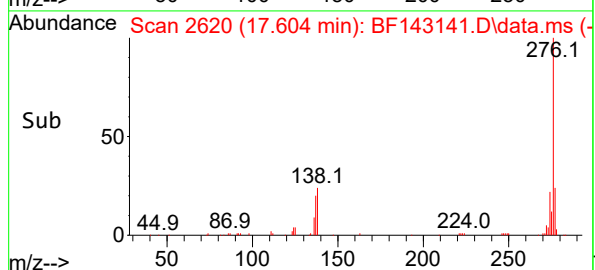
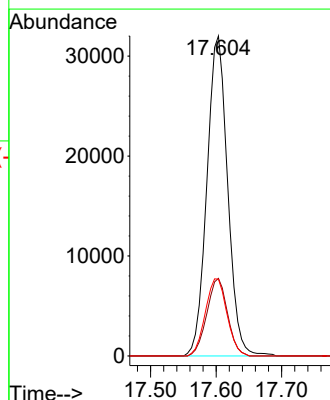
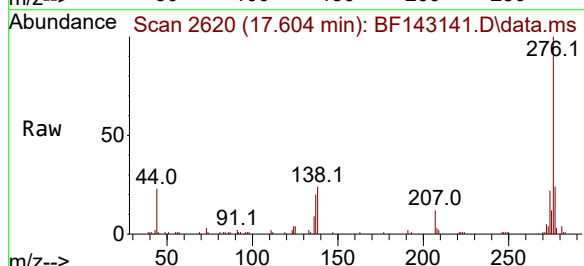
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Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



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

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



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

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

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

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	140410	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	545730	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	282580	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	461255	20.000	ng	0.00
76) Chrysene-d12	14.116	240	254650	20.000	ng	0.00
86) Perylene-d12	15.621	264	273706	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	184363	20.778	ng	0.00
7) Phenol-d6	6.569	99	230206	20.613	ng	-0.02
23) Nitrobenzene-d5	7.510	82	215086m	19.646	ng	-0.01
42) 2,4,6-Tribromophenol	10.780	330	56961	19.512	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	464669	22.489	ng	0.00
79) Terphenyl-d14	13.063	244	370808	21.669	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.822	88	40860	9.732	ng	98
3) Pyridine	3.587	79	109317	10.032	ng	100
4) n-Nitrosodimethylamine	3.510	42	54487	9.684	ng	98
6) Aniline	6.616	93	158580	10.188	ng	99
8) 2-Chlorophenol	6.740	128	94265	10.135	ng	98
9) Benzaldehyde	6.510	77	81897	9.779	ng	100
10) Phenol	6.587	94	124080m	10.198	ng	
11) bis(2-Chloroethyl)ether	6.687	93	94260	10.119	ng	99
12) 1,3-Dichlorobenzene	6.904	146	106226	10.514	ng	97
13) 1,4-Dichlorobenzene	6.981	146	106581	10.475	ng	99
14) 1,2-Dichlorobenzene	7.134	146	99226	10.253	ng	99
15) Benzyl Alcohol	7.087	79	85240	9.996	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.234	45	179226	10.371	ng	99
17) 2-Methylphenol	7.198	107	78001	9.974	ng	99
18) Hexachloroethane	7.481	117	34985	9.932	ng	99
19) n-Nitroso-di-n-propyla...	7.357	70	73815	10.302	ng	97
20) 3+4-Methylphenols	7.345	107	103018	10.858	ng	91
22) Acetophenone	7.357	105	137532	10.645	ng	# 98
24) Nitrobenzene	7.534	77	100837	9.879	ng	98
25) Isophorone	7.769	82	192895	9.981	ng	100
26) 2-Nitrophenol	7.851	139	38451	8.680	ng	96
27) 2,4-Dimethylphenol	7.881	122	92724	10.269	ng	98
28) bis(2-Chloroethoxy)met...	7.981	93	119320	10.297	ng	98
29) 2,4-Dichlorophenol	8.087	162	76847	10.091	ng	98
30) 1,2,4-Trichlorobenzene	8.181	180	83842	10.191	ng	100
31) Naphthalene	8.263	128	283107	10.534	ng	99
32) Benzoic acid	7.928	122	28431m	10.113	ng	
33) 4-Chloroaniline	8.304	127	113797	10.369	ng	100
34) Hexachlorobutadiene	8.386	225	51715	10.290	ng	99
35) Caprolactam	8.634	113	21157	9.194	ng	95
36) 4-Chloro-3-methylphenol	8.775	107	84647	10.227	ng	98
37) 2-Methylnaphthalene	8.951	142	172865	10.570	ng	100
38) 1-Methylnaphthalene	9.051	142	177917	10.564	ng	99
40) 1,2,4,5-Tetrachloroben...	9.122	216	84494	10.357	ng	99
41) Hexachlorocyclopentadiene	9.116	237	47577	8.963	ng	99
43) 2,4,6-Trichlorophenol	9.228	196	57396	10.165	ng	98

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

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

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

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

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

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

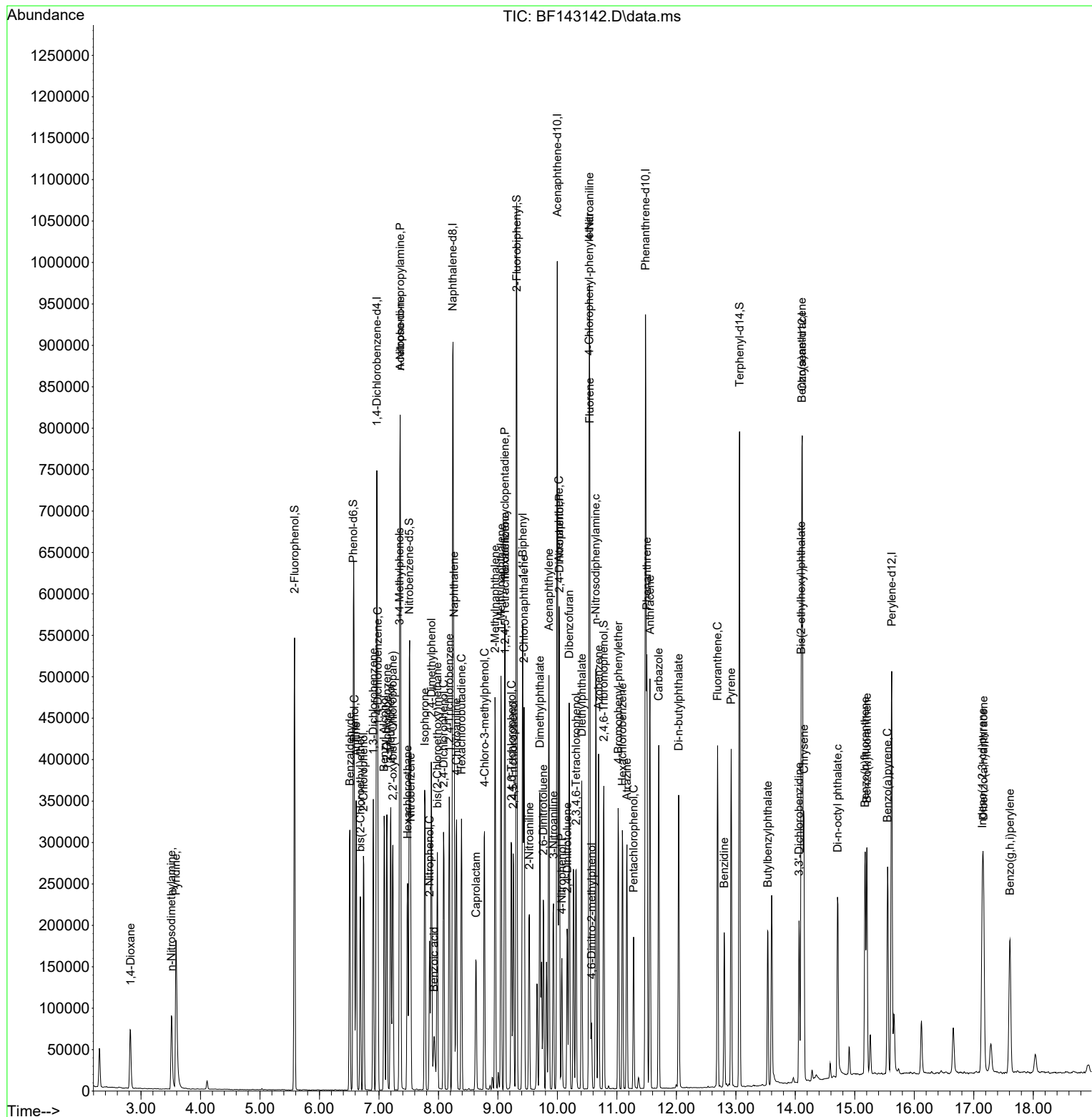
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 Data File : BF143142.D
 Acq On : 17 Jul 2025 12:04
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

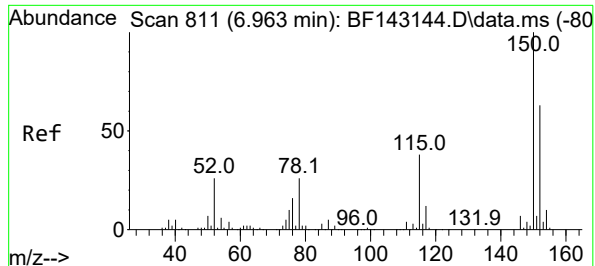
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Manual Integrations APPROVED

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

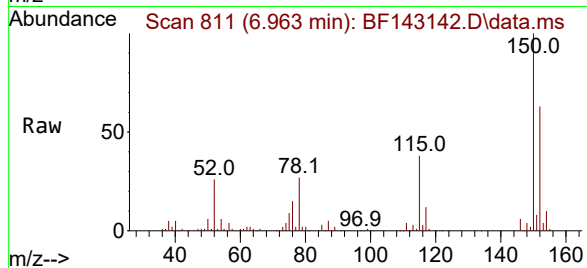
Quant Time: Jul 17 15:01:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 14:54:43 2025
 Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

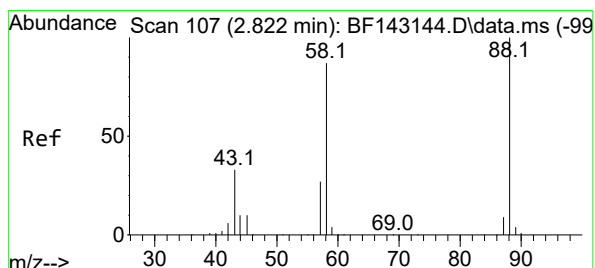
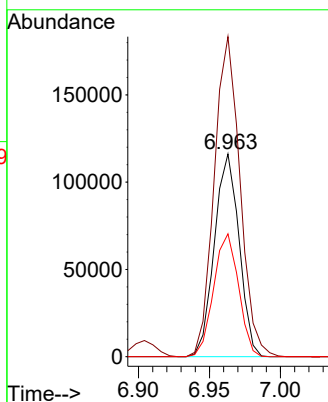
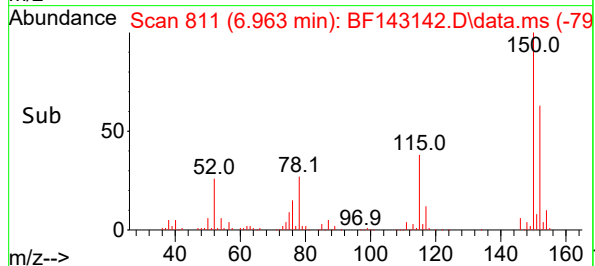
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:152 Resp: 140410
Ion Ratio Lower Upper
152 100
150 157.8 128.2 192.4
115 60.6 47.9 71.9

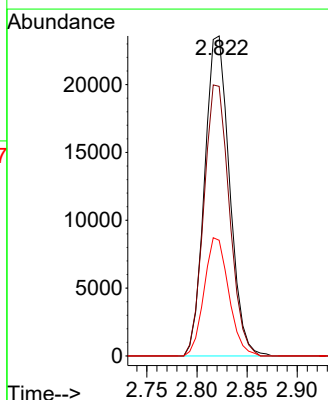
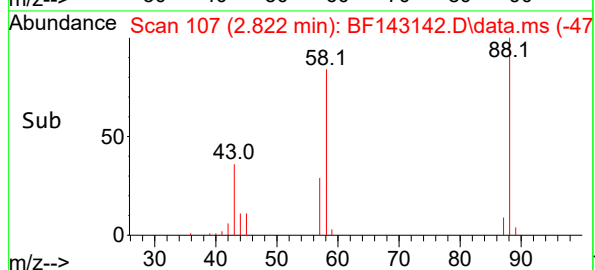
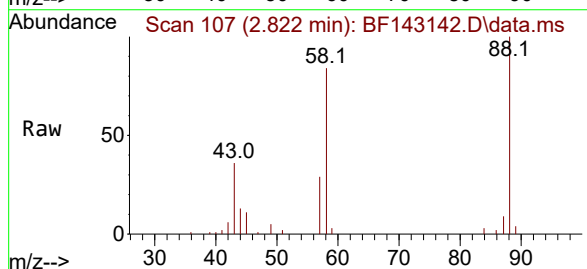
Manual Integrations
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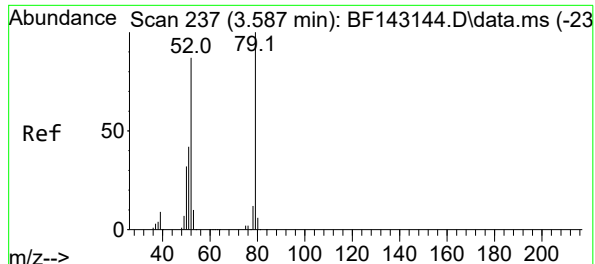
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



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

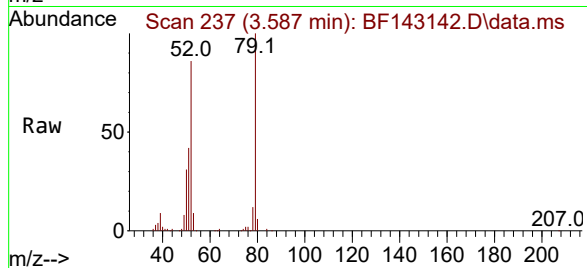
Tgt Ion: 88 Resp: 40860
Ion Ratio Lower Upper
88 100
58 86.6 70.2 105.2
43 36.5 27.1 40.7





#3
Pyridine
Concen: 10.032 ng
RT: 3.587 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

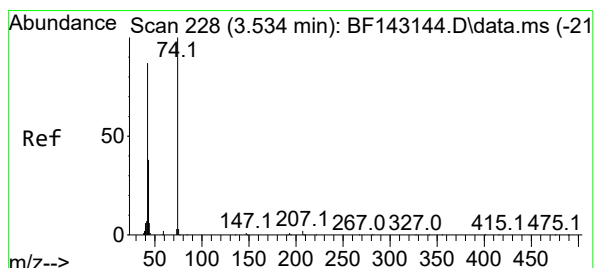
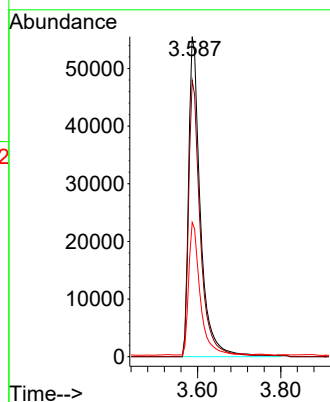
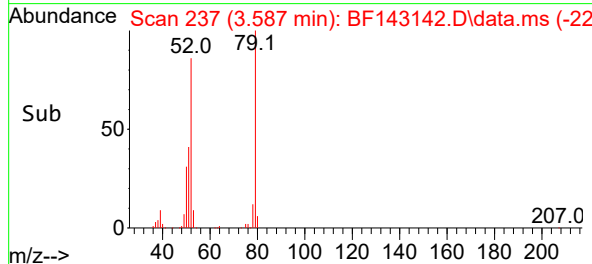
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion: 79 Resp: 10931
Ion Ratio Lower Upper
79 100
52 86.3 69.4 104.2
51 42.0 33.5 50.3

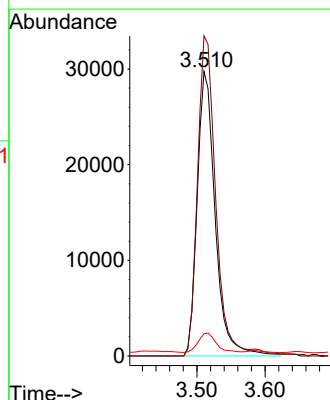
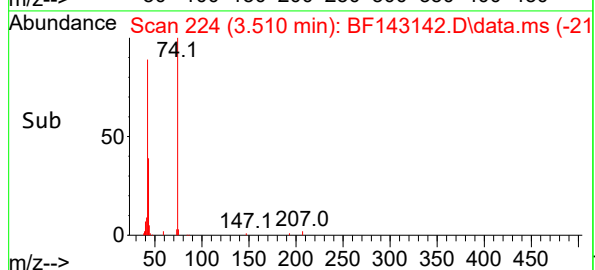
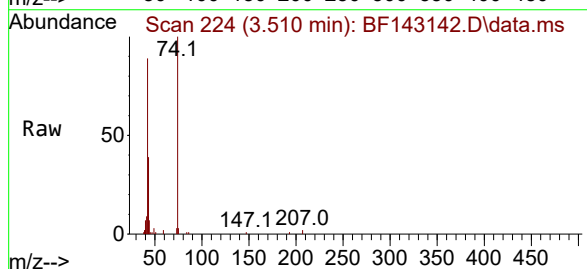
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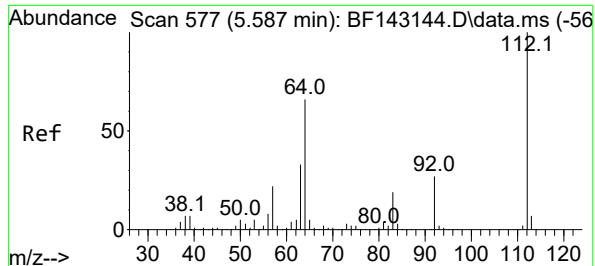
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



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

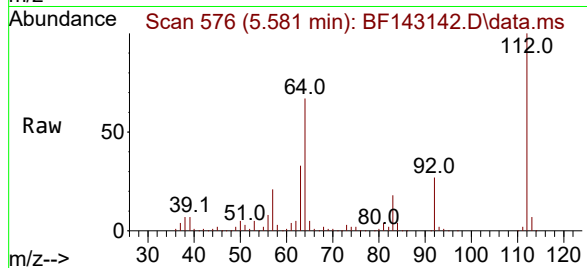
Tgt Ion: 42 Resp: 54487
Ion Ratio Lower Upper
42 100
74 112.5 91.7 137.5
44 7.8 5.6 8.4





#5
2-Fluorophenol
Concen: 20.778 ng
RT: 5.581 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

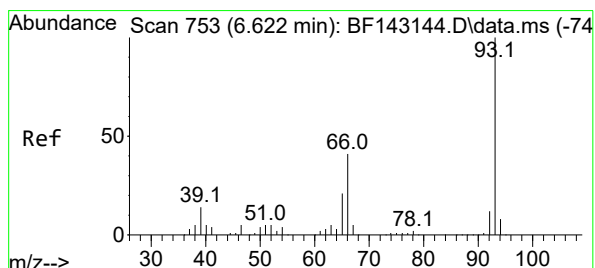
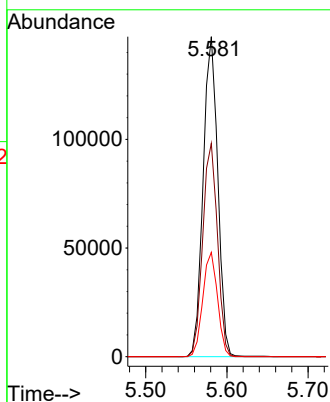
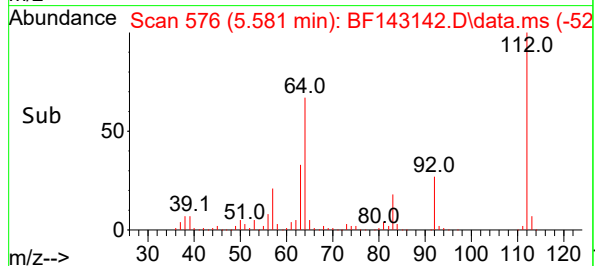
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:112 Resp: 18436
Ion Ratio Lower Upper
112 100
64 66.6 53.1 79.7
63 32.6 26.6 40.0

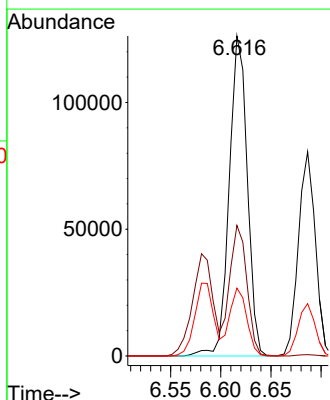
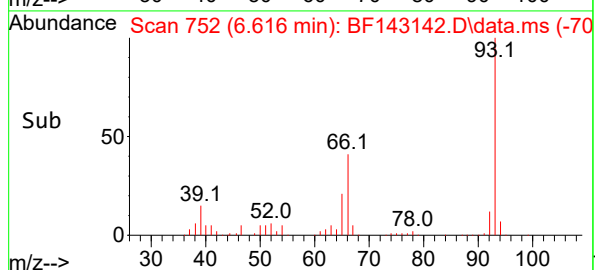
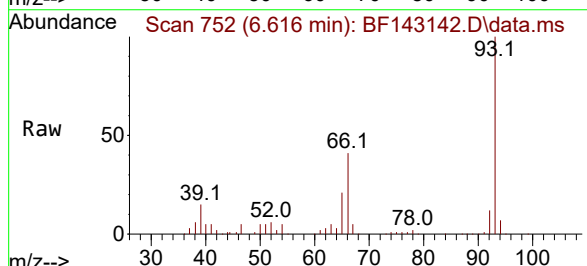
Manual Integrations
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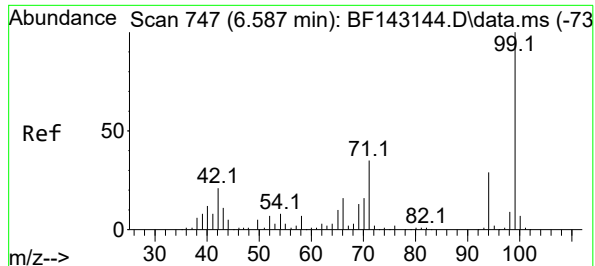
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



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

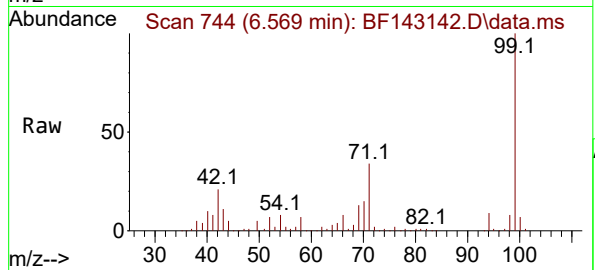
Tgt Ion: 93 Resp: 158580
Ion Ratio Lower Upper
93 100
66 40.8 33.2 49.8
65 21.2 16.9 25.3





#7
Phenol-d6
Concen: 20.613 ng
RT: 6.569 min Scan# 744
Delta R.T. -0.018 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

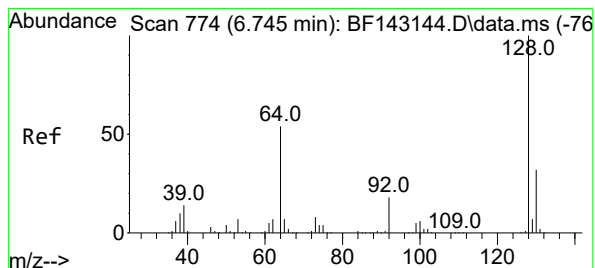
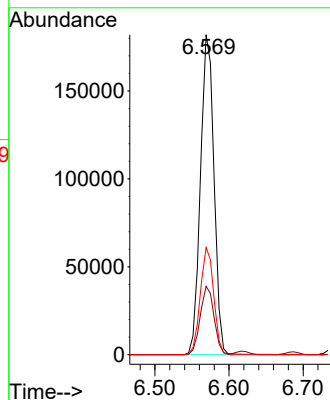
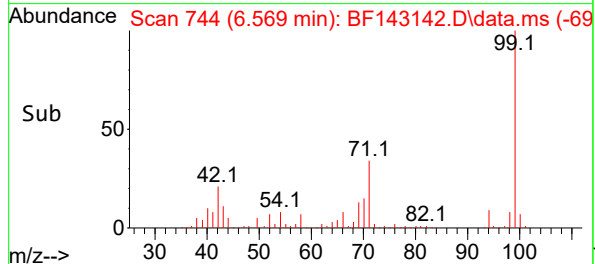
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion: 99 Resp: 230200
Ion Ratio Lower Upper
99 100
42 21.4 17.0 25.6
71 33.5 27.7 41.5

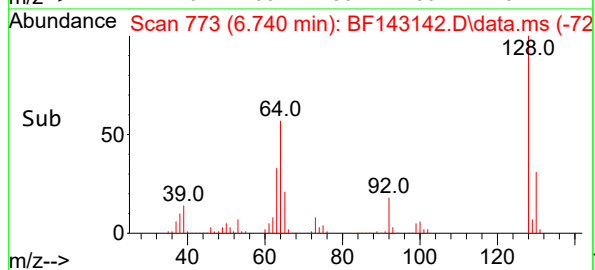
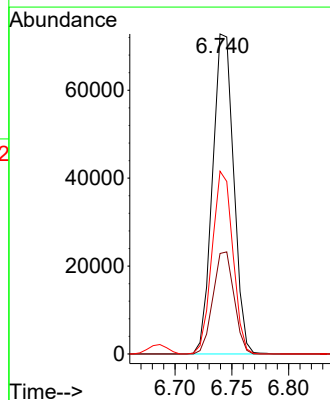
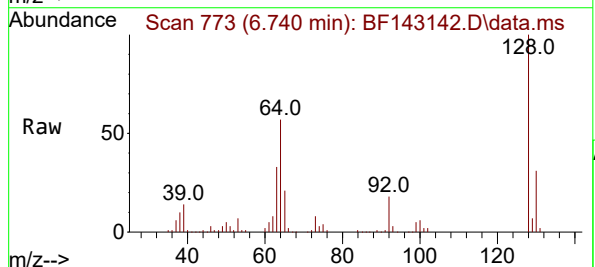
Manual Integrations
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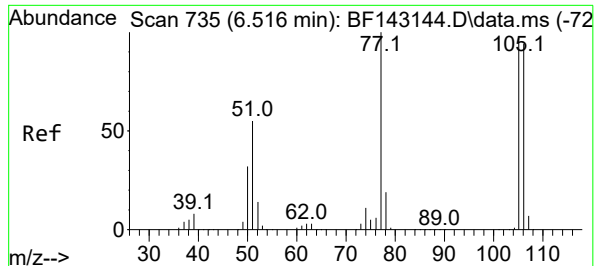
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



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

Tgt Ion:128 Resp: 94265
Ion Ratio Lower Upper
128 100
130 31.4 12.3 52.3
64 57.1 35.9 75.9





#9

Benzaldehyde

Concen: 9.779 ng

RT: 6.510 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF143142.D

Acq: 17 Jul 2025 12:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion: 77 Resp: 8189

Ion Ratio Lower Upper

77 100

105 96.9 76.8 116.8

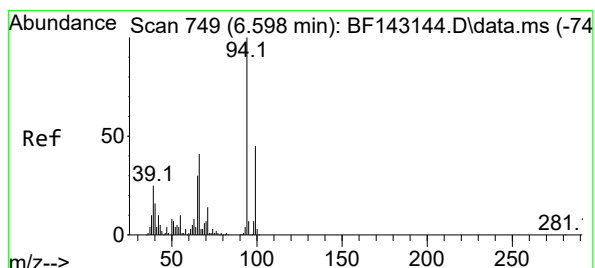
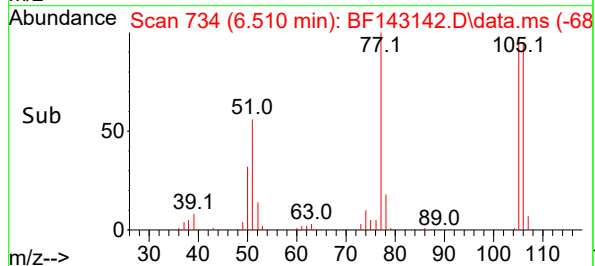
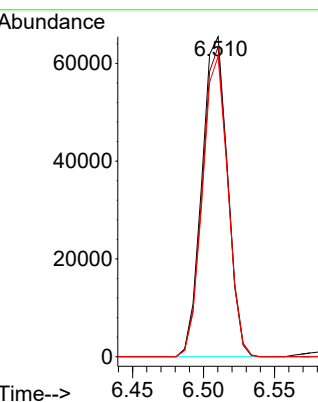
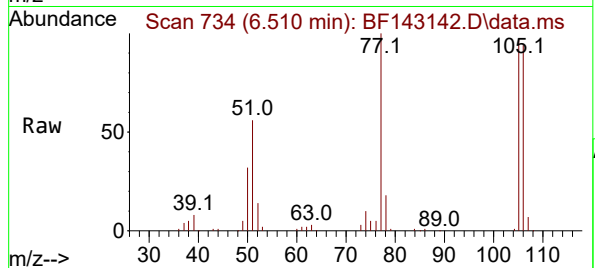
106 93.9 74.4 114.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#10

Phenol

Concen: 10.198 ng m

RT: 6.587 min Scan# 747

Delta R.T. -0.012 min

Lab File: BF143142.D

Acq: 17 Jul 2025 12:04

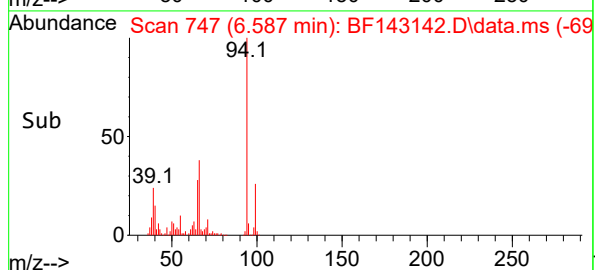
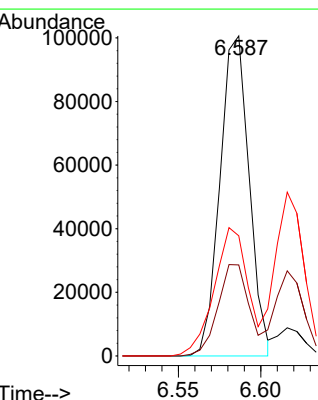
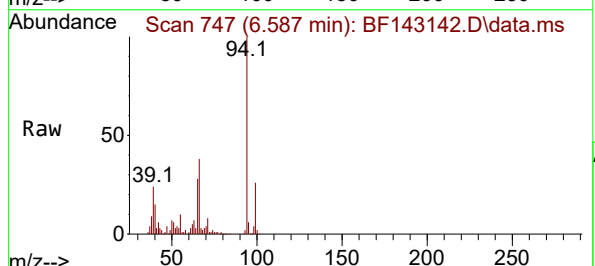
Tgt Ion: 94 Resp: 124080

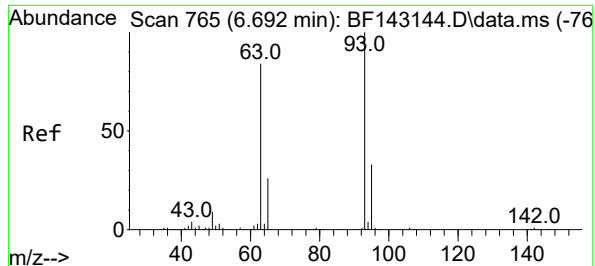
Ion Ratio Lower Upper

94 100

65 28.4 10.0 50.0

66 37.5 20.8 60.8





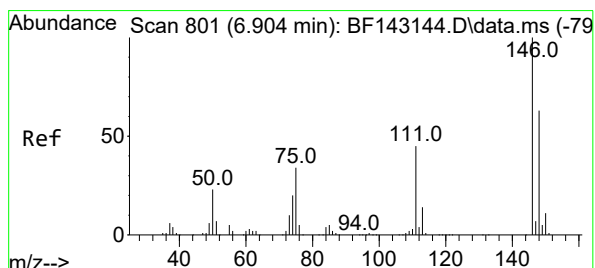
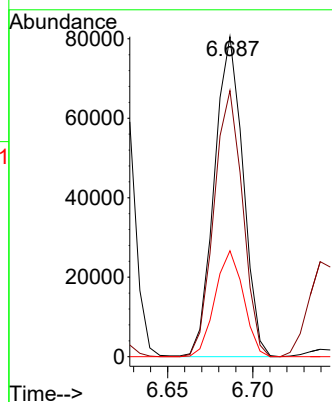
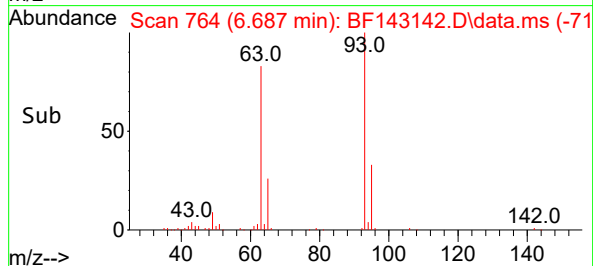
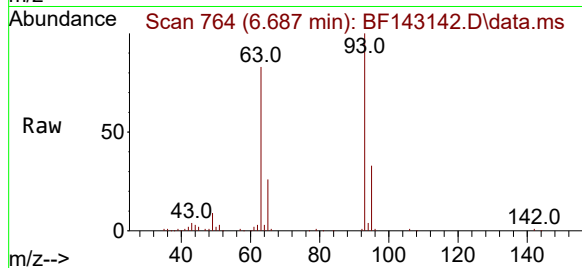
#11
bis(2-Chloroethyl)ether
Concen: 10.119 ng
RT: 6.687 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 93 Resp: 94260
Ion Ratio Lower Upper
93 100
63 83.2 63.4 103.4
95 33.1 12.4 52.4

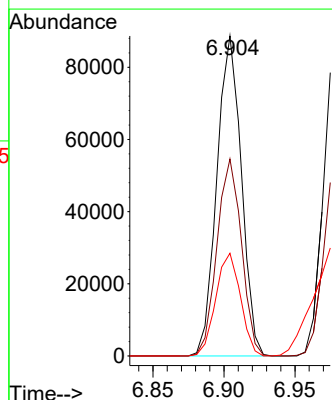
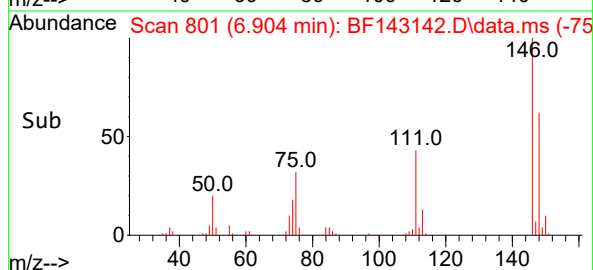
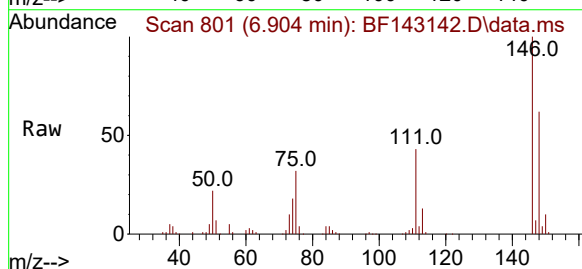
Manual Integrations
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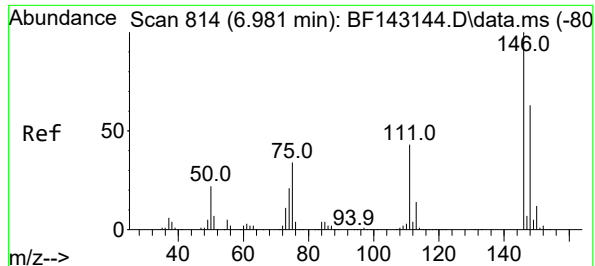
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



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

Tgt Ion:146 Resp: 106226
Ion Ratio Lower Upper
146 100
148 61.6 50.6 76.0
75 32.1 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 10.475 ng

RT: 6.981 min Scan# 814

Delta R.T. 0.000 min

Lab File: BF143142.D

Acq: 17 Jul 2025 12:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:146 Resp: 10658

Ion Ratio Lower Upper

146 100

148 61.9 50.3 75.5

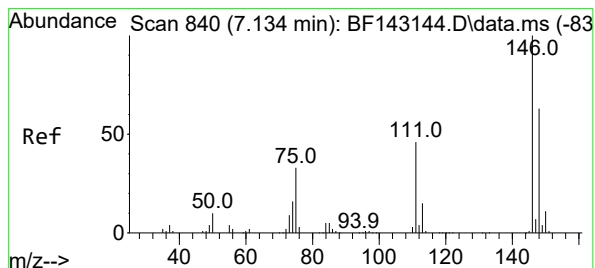
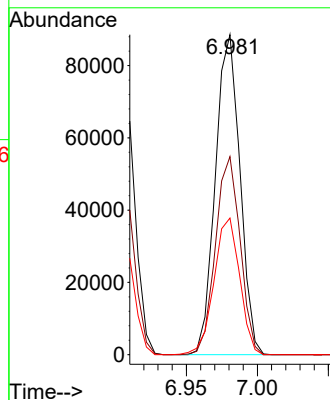
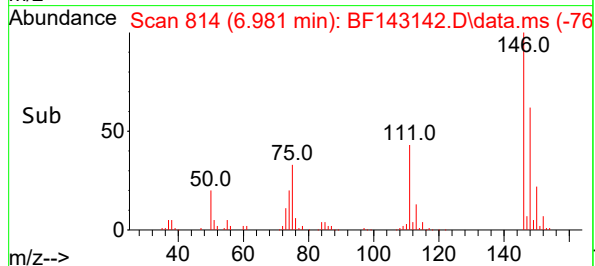
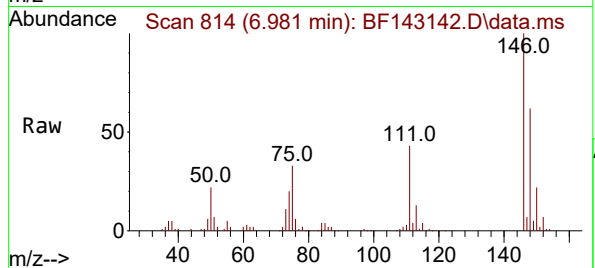
111 42.7 34.4 51.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#14

1,2-Dichlorobenzene

Concen: 10.253 ng

RT: 7.134 min Scan# 840

Delta R.T. 0.000 min

Lab File: BF143142.D

Acq: 17 Jul 2025 12:04

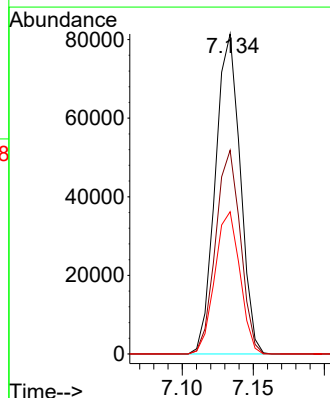
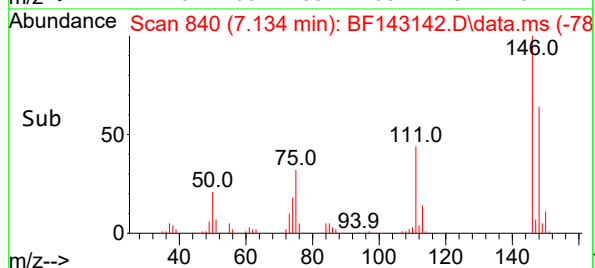
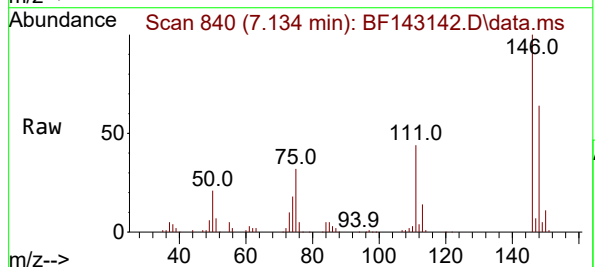
Tgt Ion:146 Resp: 99226

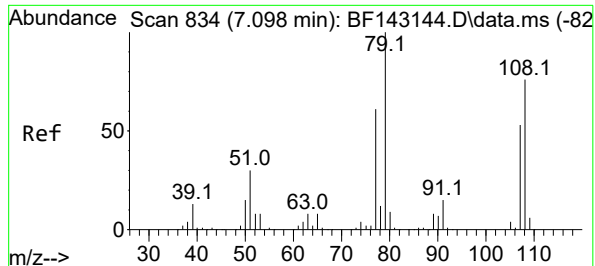
Ion Ratio Lower Upper

146 100

148 63.6 50.7 76.1

111 44.5 36.6 54.8





#15

Benzyl Alcohol

Concen: 9.996 ng

RT: 7.087 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF143142.D

Acq: 17 Jul 2025 12:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion: 79 Resp: 85240

Ion Ratio Lower Upper

79 100

108 74.6 61.1 91.7

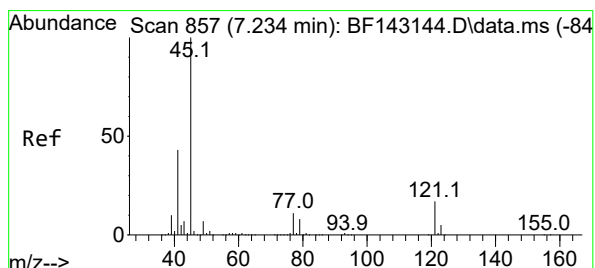
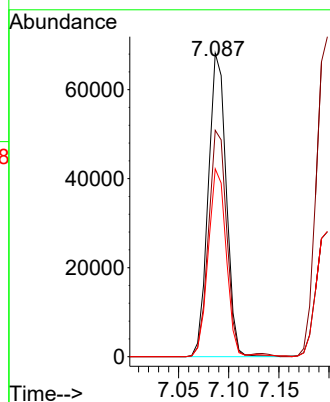
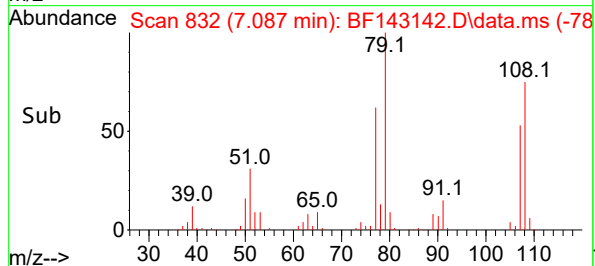
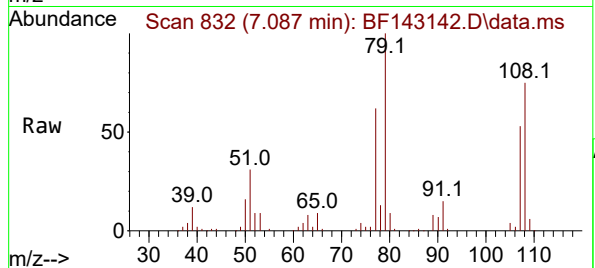
77 61.9 48.9 73.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 10.371 ng

RT: 7.234 min Scan# 857

Delta R.T. 0.000 min

Lab File: BF143142.D

Acq: 17 Jul 2025 12:04

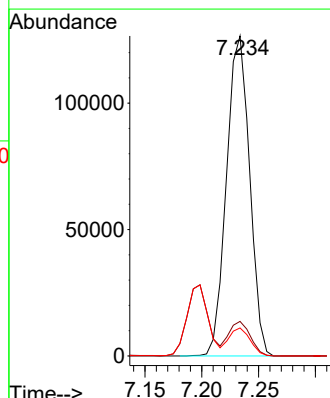
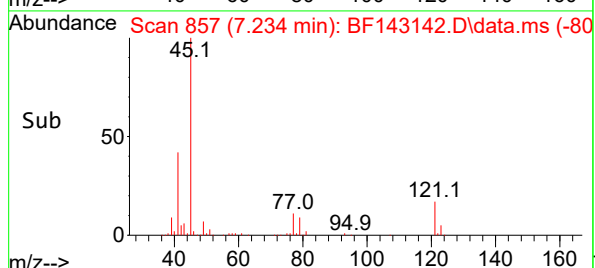
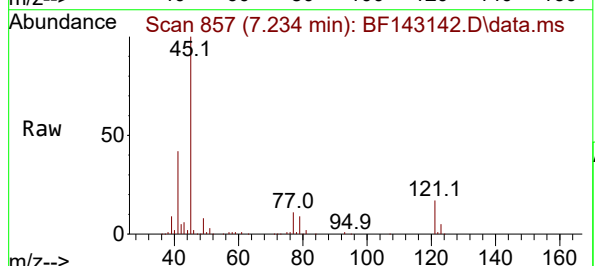
Tgt Ion: 45 Resp: 179226

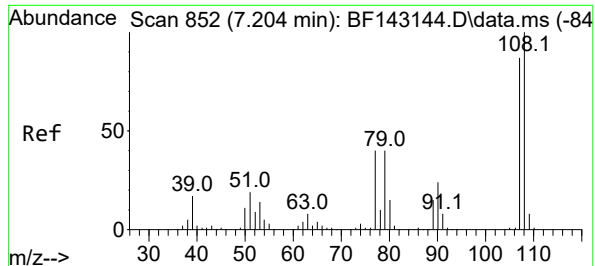
Ion Ratio Lower Upper

45 100

77 10.8 0.0 31.2

79 8.7 0.0 28.5





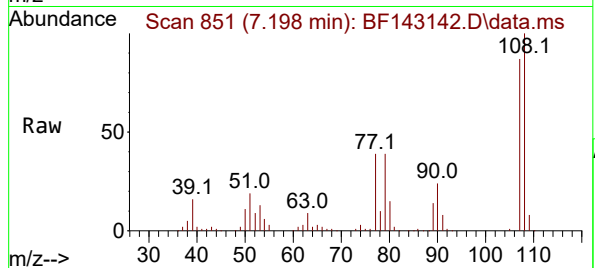
#17
2-Methylphenol
Concen: 9.974 ng
RT: 7.198 min Scan# 851
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

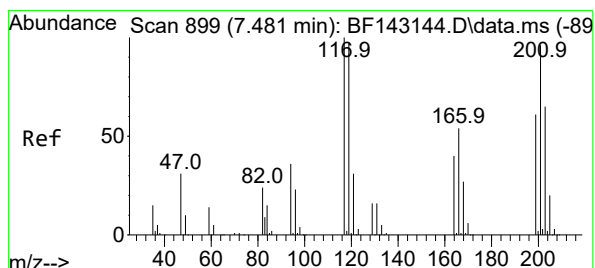
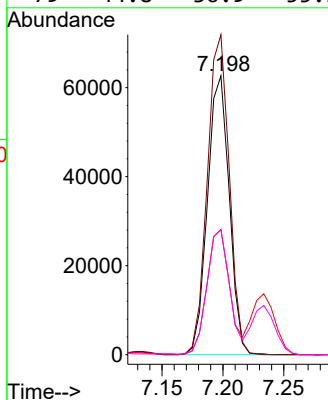
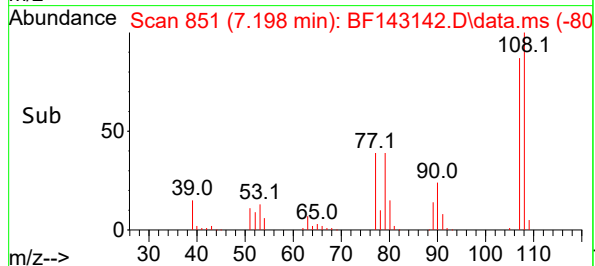


Tgt Ion:107 Resp: 7800
Ion Ratio Lower Upper
107 100
108 114.8 91.8 137.6
77 45.0 37.0 55.6
79 44.8 36.9 55.3

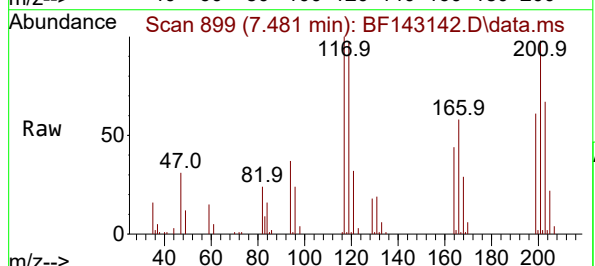
Manual Integrations

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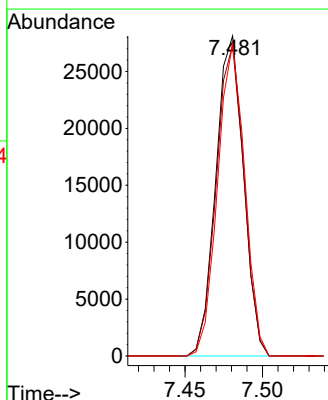
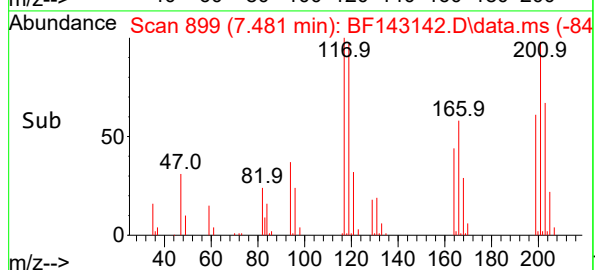
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

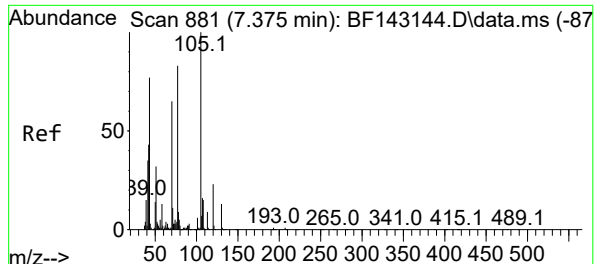


#18
Hexachloroethane
Concen: 9.932 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04



Tgt Ion:117 Resp: 34985
Ion Ratio Lower Upper
117 100
119 97.2 77.8 116.8
201 97.7 77.0 115.4





#19

n-Nitroso-di-n-propylamine

Concen: 10.302 ng

RT: 7.357 min Scan# 81

Delta R.T. -0.018 min

Lab File: BF143142.D

Acq: 17 Jul 2025 12:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion: 70 Resp: 7381

Ion Ratio Lower Upper

70 100

42 69.4 52.5 78.7

101 9.6 7.6 11.4

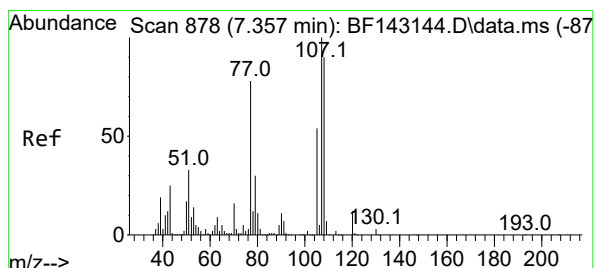
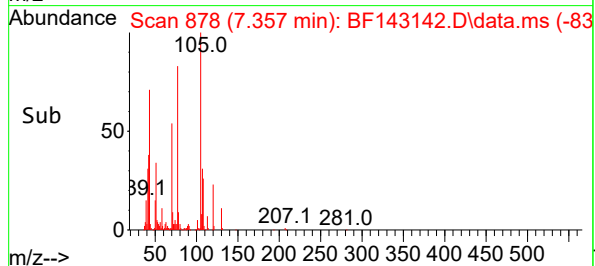
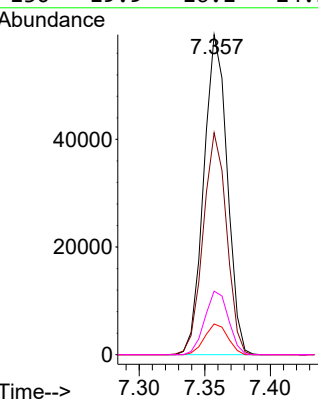
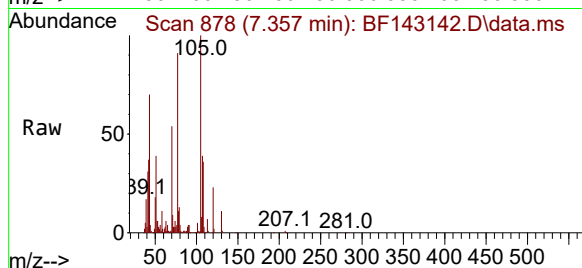
130 19.9 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#20

3+4-Methylphenols

Concen: 10.858 ng

RT: 7.345 min Scan# 876

Delta R.T. -0.012 min

Lab File: BF143142.D

Acq: 17 Jul 2025 12:04

Tgt Ion:107 Resp: 103018

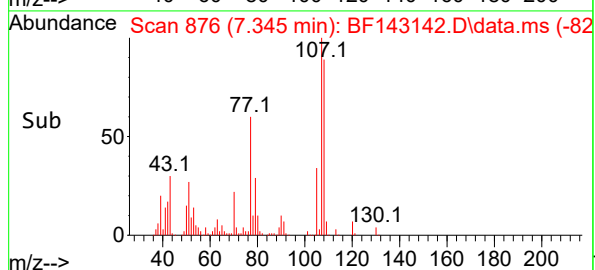
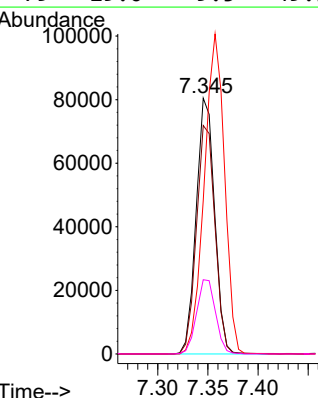
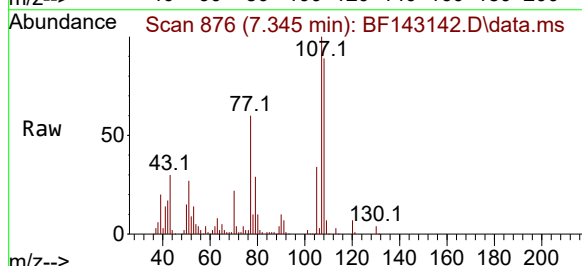
Ion Ratio Lower Upper

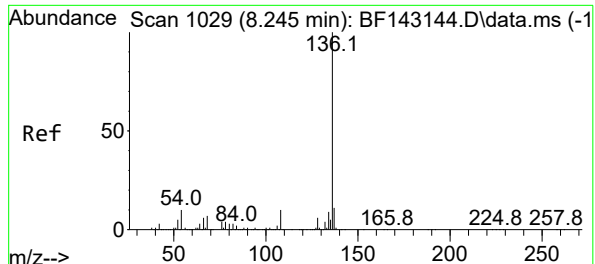
107 100

108 89.3 70.0 110.0

77 60.0 57.8 97.8

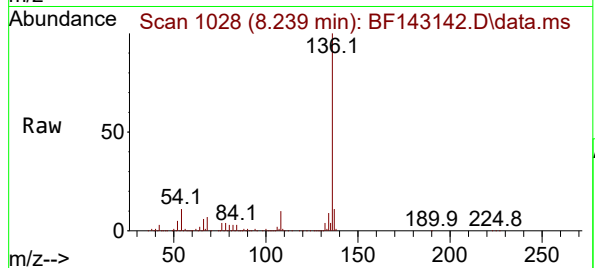
79 29.0 9.5 49.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

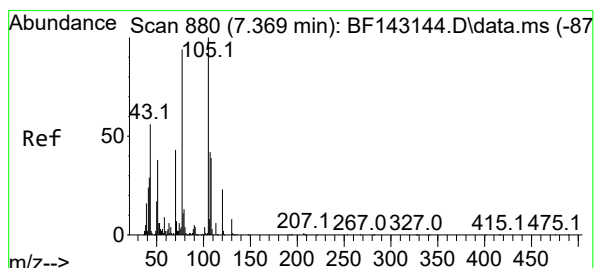
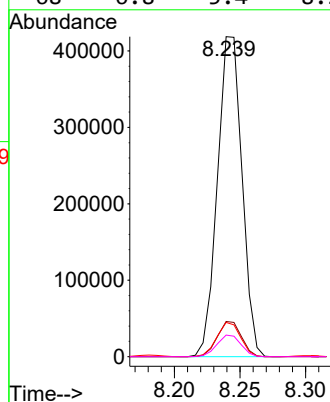
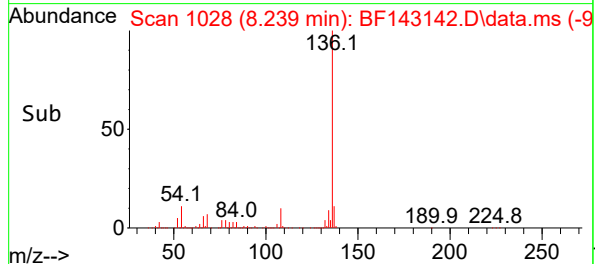
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:136 Resp: 545730
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 10.7 8.2 12.2
68 6.8 5.4 8.2

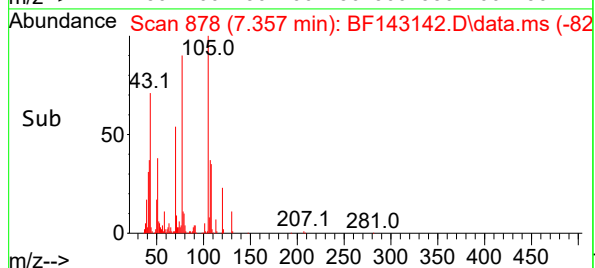
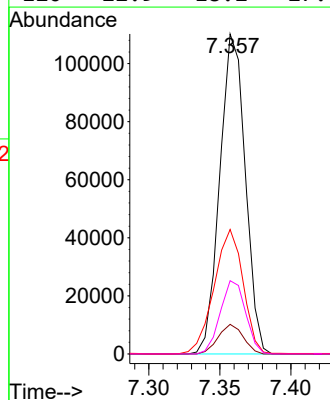
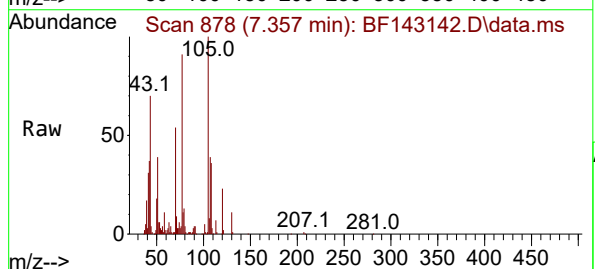
Manual Integrations
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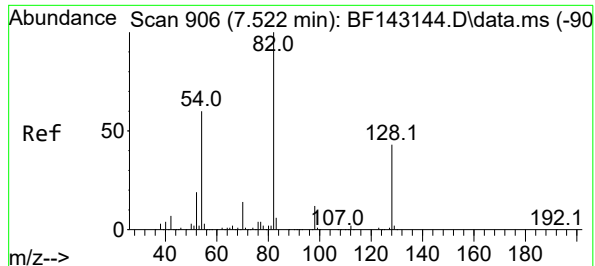
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



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

Tgt Ion:105 Resp: 137532
Ion Ratio Lower Upper
105 100
71 9.3 5.8 8.6#
51 38.9 30.2 45.2
120 22.9 18.2 27.4





#23

Nitrobenzene-d5

Concen: 19.646 ng m

RT: 7.510 min Scan# 904

Delta R.T. -0.012 min

Lab File: BF143142.D

Acq: 17 Jul 2025 12:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion: 82 Resp: 21508

Ion Ratio Lower Upper

82 100

128 40.5 33.6 50.4

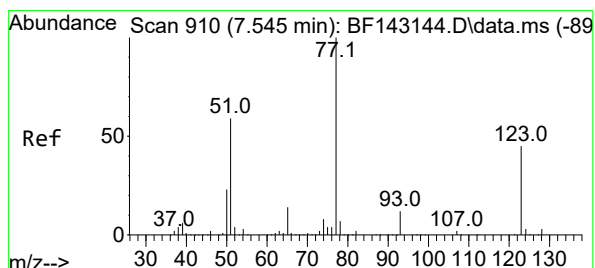
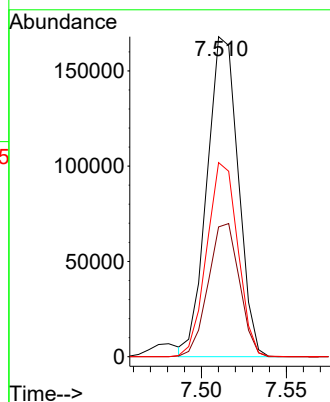
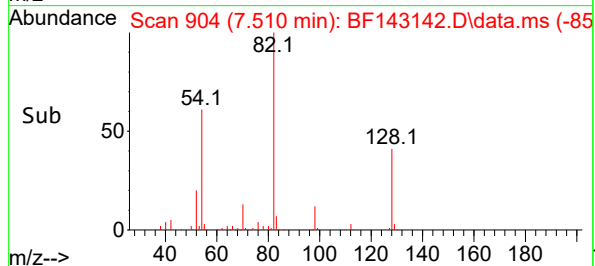
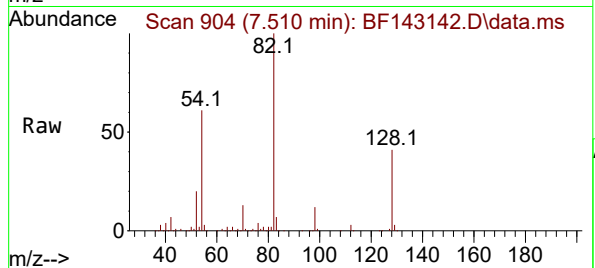
54 60.7 47.1 70.7

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#24

Nitrobenzene

Concen: 9.879 ng

RT: 7.534 min Scan# 908

Delta R.T. -0.012 min

Lab File: BF143142.D

Acq: 17 Jul 2025 12:04

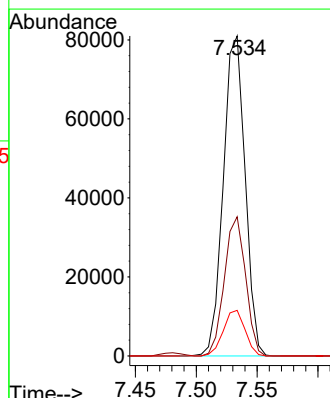
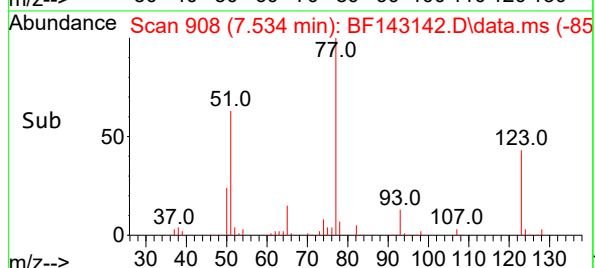
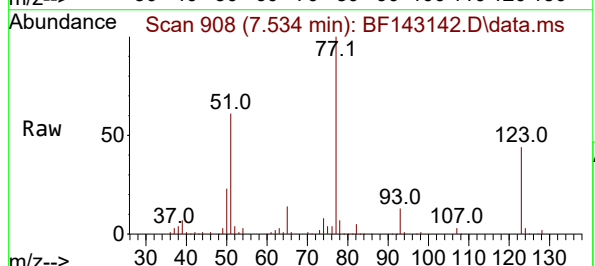
Tgt Ion: 77 Resp: 100837

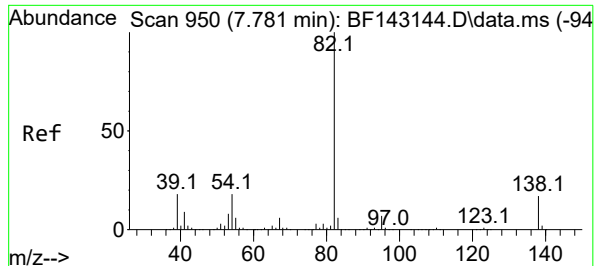
Ion Ratio Lower Upper

77 100

123 43.5 36.1 54.1

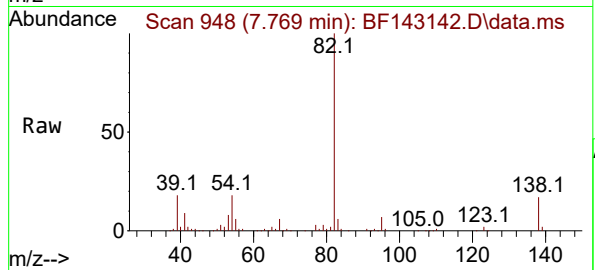
65 14.2 11.4 17.2





#25
Isophorone
Concen: 9.981 ng
RT: 7.769 min Scan# 948
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

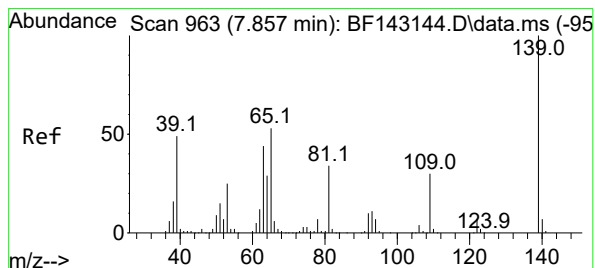
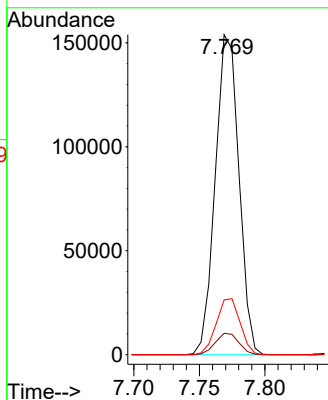
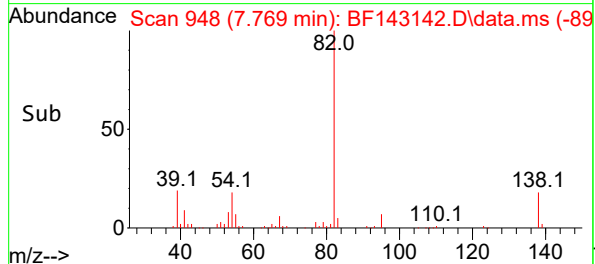
Instrument :
BNA_F
ClientSampleId :
SSTDIC010



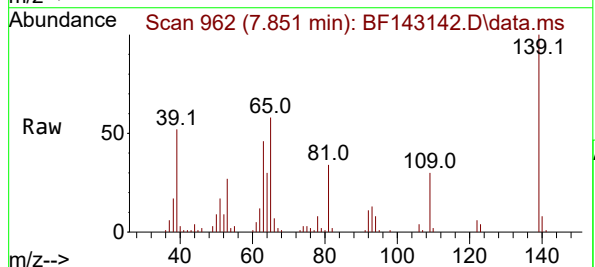
Tgt Ion: 82 Resp: 192895
Ion Ratio Lower Upper
82 100
95 6.7 5.5 8.3
138 17.1 13.8 20.8

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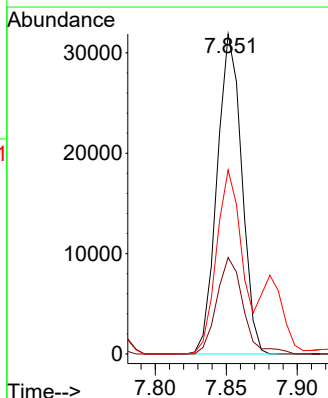
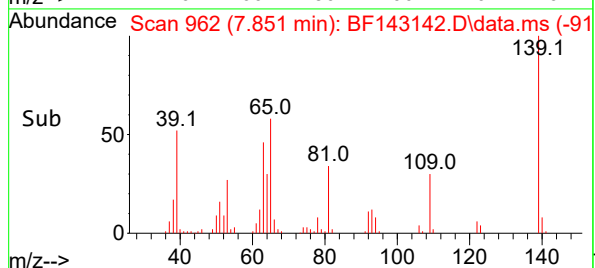
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

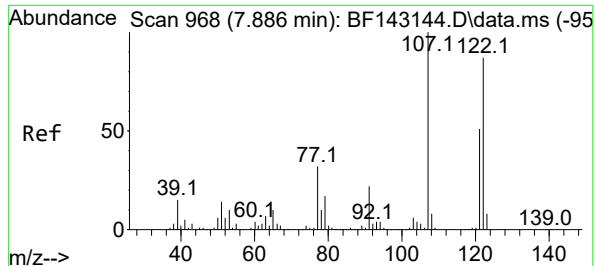


#26
2-Nitrophenol
Concen: 8.680 ng
RT: 7.851 min Scan# 962
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04



Tgt Ion:139 Resp: 38451
Ion Ratio Lower Upper
139 100
109 30.2 23.6 35.4
65 57.5 42.6 64.0





#27

2,4-Dimethylphenol

Concen: 10.269 ng

RT: 7.881 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF143142.D

Acq: 17 Jul 2025 12:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:122 Resp: 92724

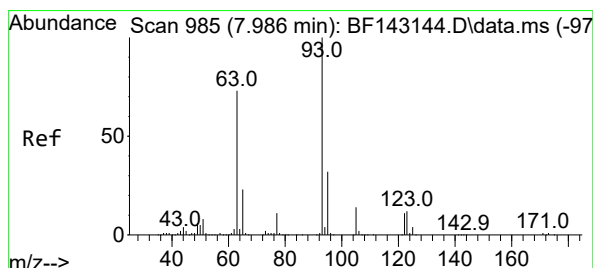
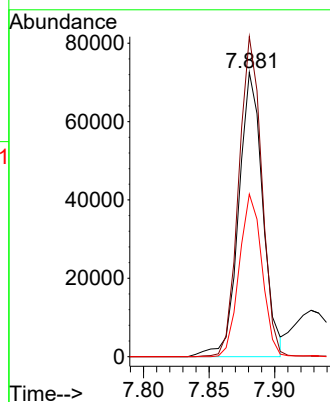
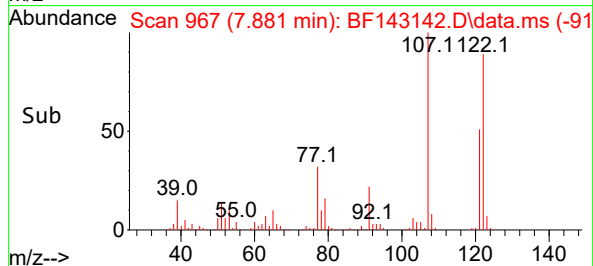
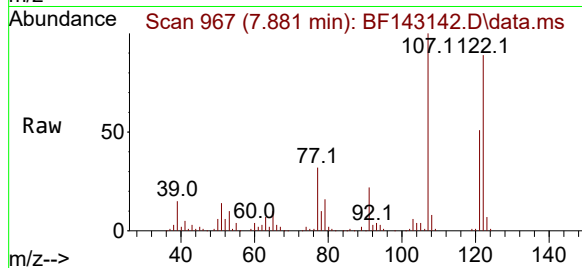
Ion	Ratio	Lower	Upper
122	100		
107	112.6	91.8	137.6
121	57.2	46.3	69.5

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#28

bis(2-Chloroethoxy)methane

Concen: 10.297 ng

RT: 7.981 min Scan# 984

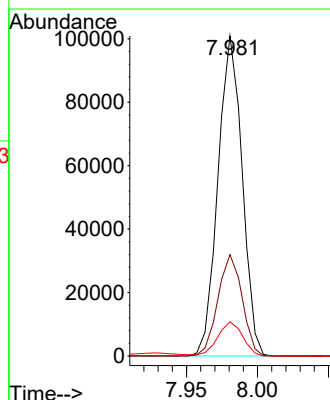
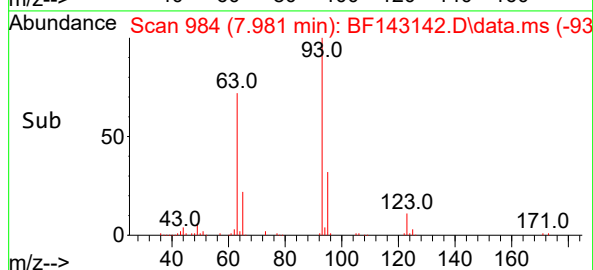
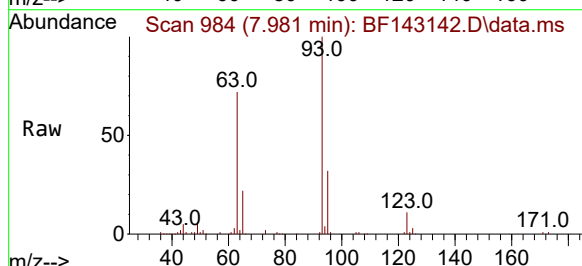
Delta R.T. -0.006 min

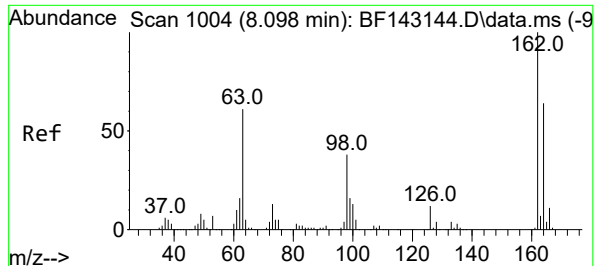
Lab File: BF143142.D

Acq: 17 Jul 2025 12:04

Tgt Ion: 93 Resp: 119320

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





#29

2,4-Dichlorophenol

Concen: 10.091 ng

RT: 8.087 min Scan# 1002

Delta R.T. -0.012 min

Lab File: BF143142.D

Acq: 17 Jul 2025 12:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

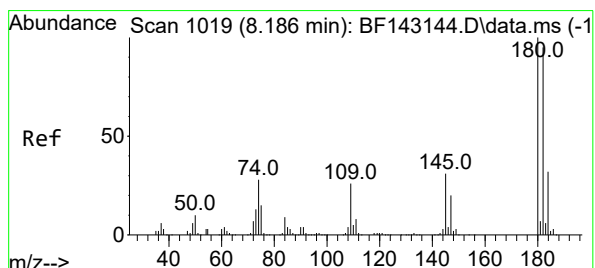
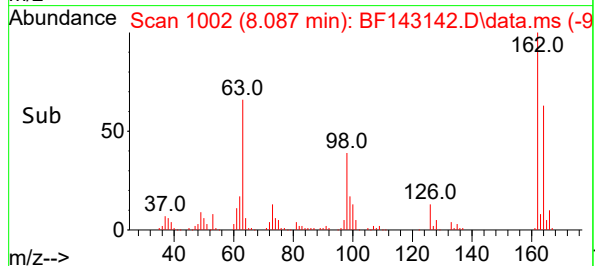
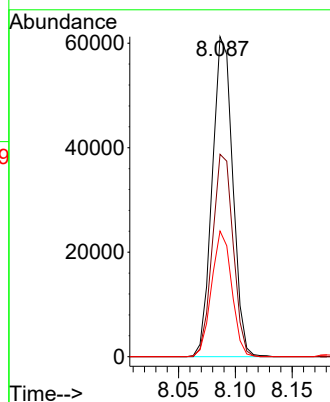
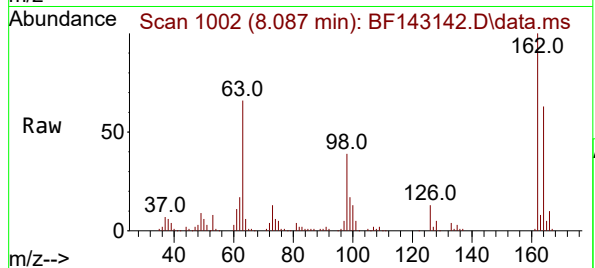
Tgt Ion:162	Resp:	7684
Ion Ratio	Lower	Upper
162	100	
164	63.3	44.2 84.2
98	39.2	17.9 57.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#30

1,2,4-Trichlorobenzene

Concen: 10.191 ng

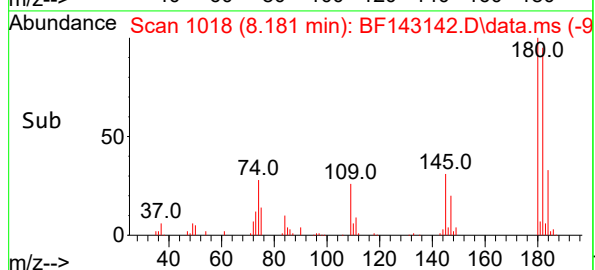
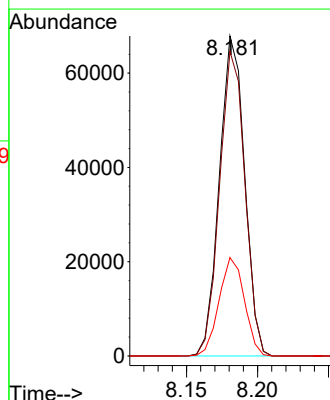
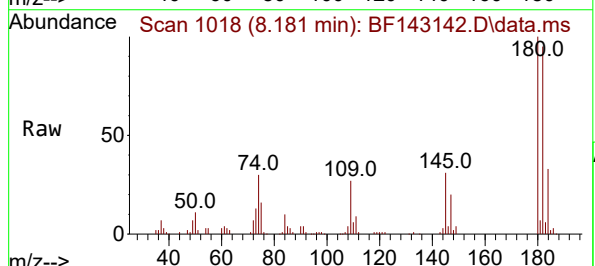
RT: 8.181 min Scan# 1018

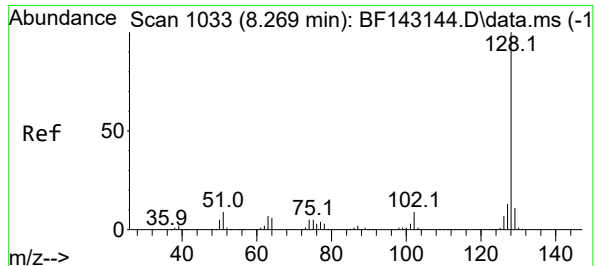
Delta R.T. -0.006 min

Lab File: BF143142.D

Acq: 17 Jul 2025 12:04

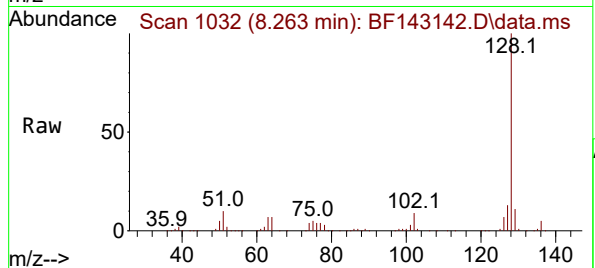
Tgt Ion:180	Resp:	83842
Ion Ratio	Lower	Upper
180	100	
182	95.2	76.2 114.2
145	30.7	25.0 37.6





#31
Naphthalene
Concen: 10.534 ng
RT: 8.263 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

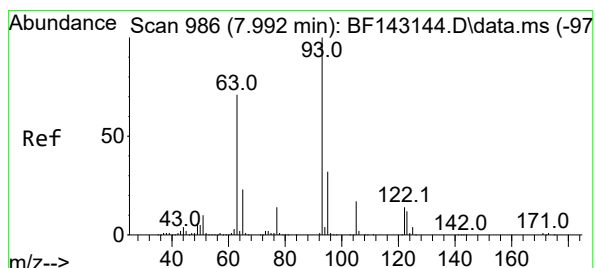
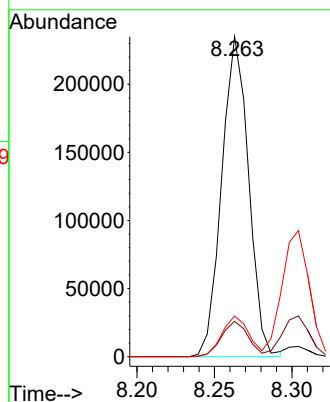
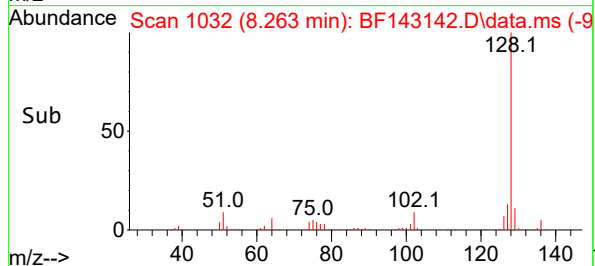
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:128 Resp: 28310
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 12.7 10.6 16.0

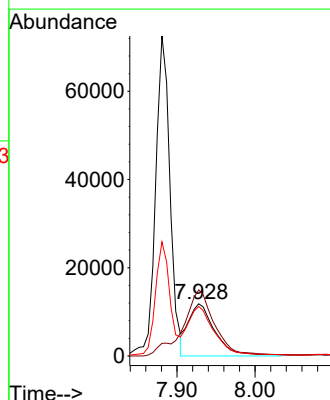
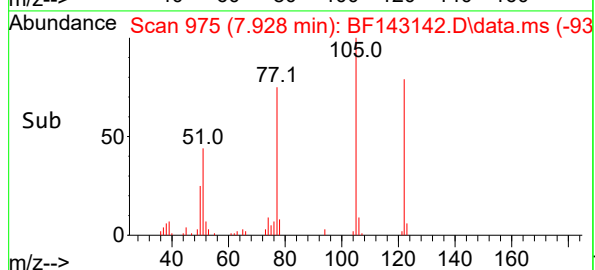
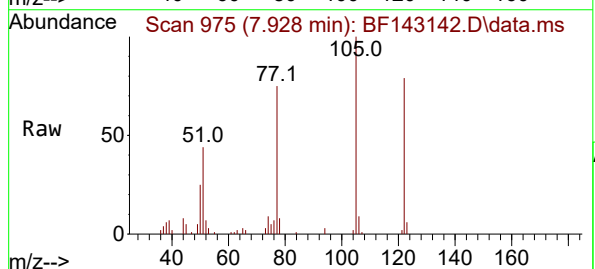
Manual Integrations
APPROVED

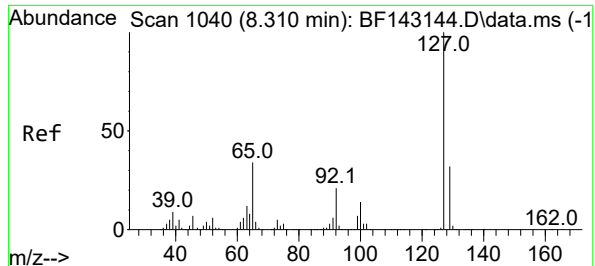
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



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

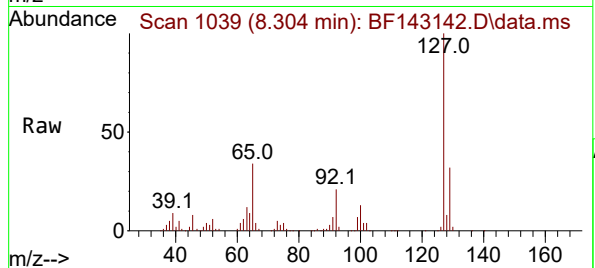
Tgt Ion:122 Resp: 28431
Ion Ratio Lower Upper
122 100
105 126.6 104.8 144.8
77 94.6 77.6 117.6





#33
4-Chloroaniline
Concen: 10.369 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

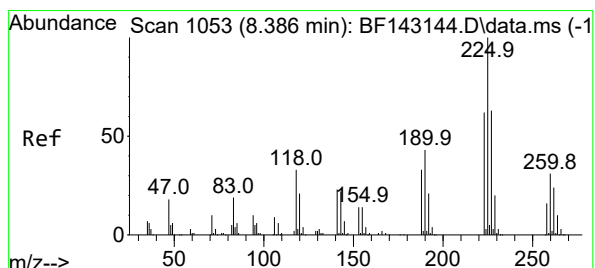
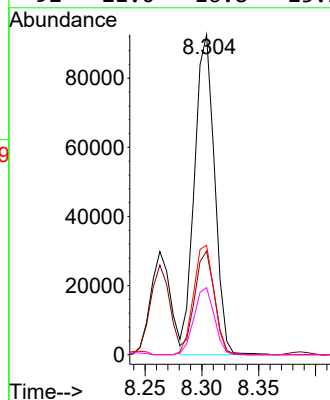
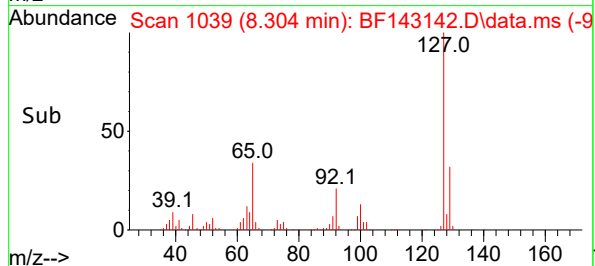
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:127 Resp: 11379
Ion Ratio Lower Upper
127 100
129 32.4 26.0 39.0
65 34.2 27.4 41.2
92 21.0 16.8 25.2

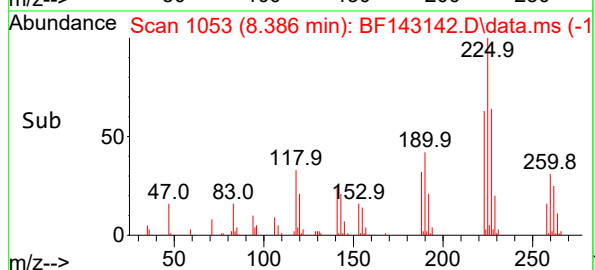
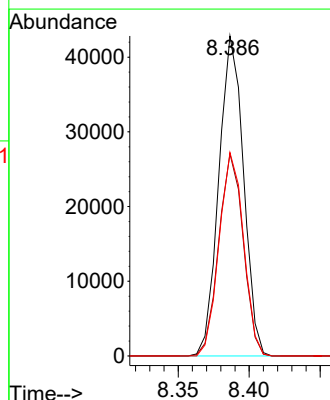
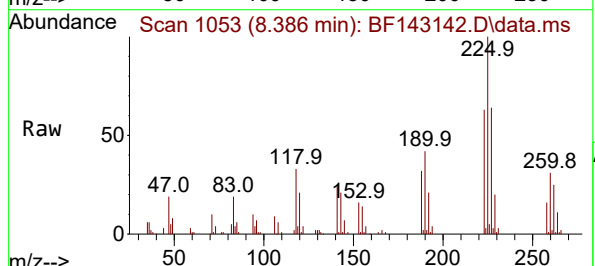
Manual Integrations
APPROVED

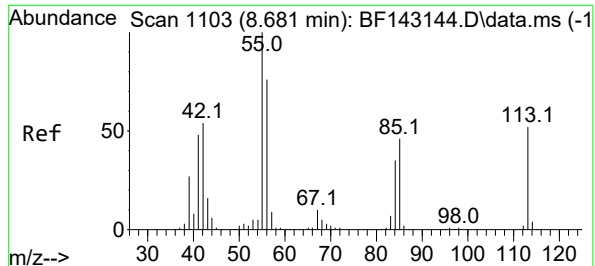
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



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

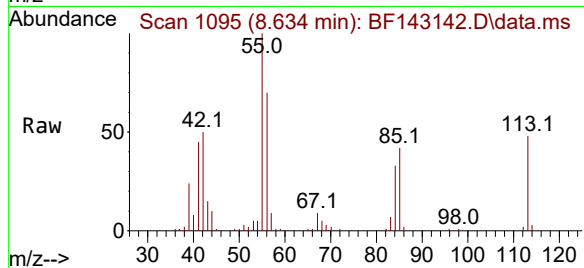
Tgt Ion:225 Resp: 51715
Ion Ratio Lower Upper
225 100
223 63.1 49.8 74.6
227 63.5 50.2 75.4





#35
 Caprolactam
 Concen: 9.194 ng
 RT: 8.634 min Scan# 1103
 Delta R.T. -0.047 min
 Lab File: BF143142.D
 Acq: 17 Jul 2025 12:04

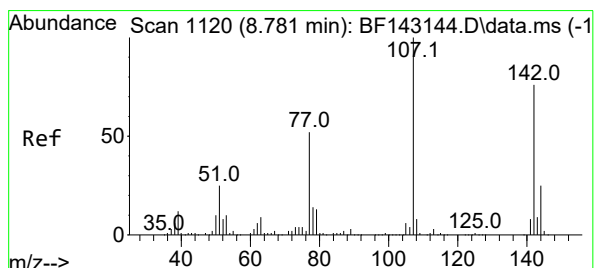
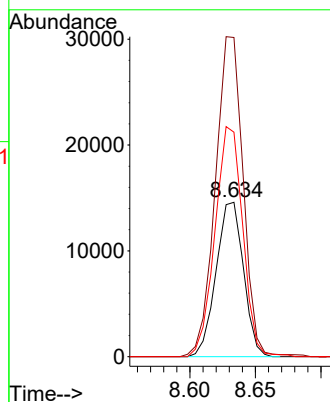
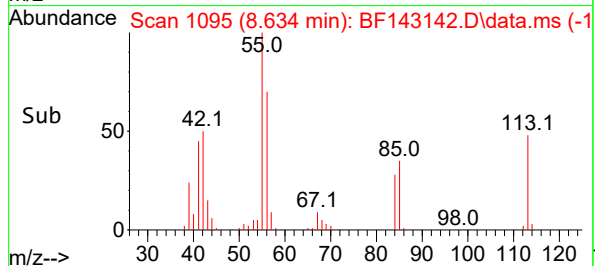
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010



Tgt Ion:113 Resp: 2115
 Ion Ratio Lower Upper
 113 100
 55 206.8 174.0 214.0
 56 145.4 126.6 166.6

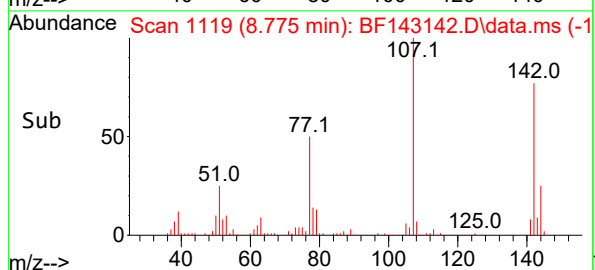
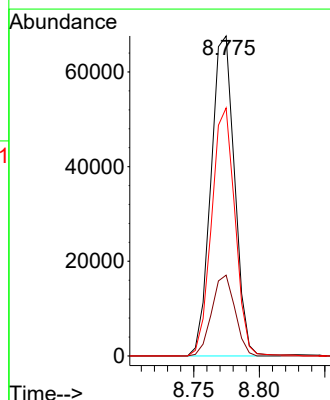
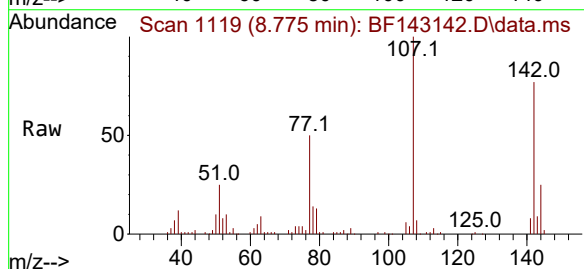
Manual Integrations
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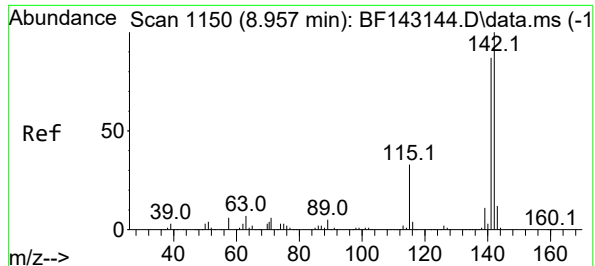
Reviewed By :Rahul Chavli 07/18/2025
 Supervised By :Jagrut Upadhyay 07/18/2025



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

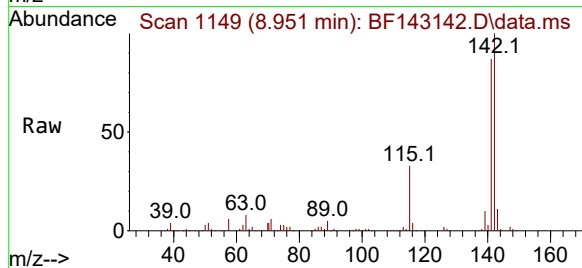
Tgt Ion:107 Resp: 84647
 Ion Ratio Lower Upper
 107 100
 144 25.3 19.8 29.6
 142 77.5 60.6 90.8





#37
2-Methylnaphthalene
Concen: 10.570 ng
RT: 8.951 min Scan# 1149
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

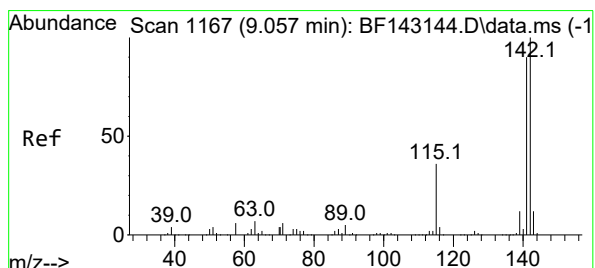
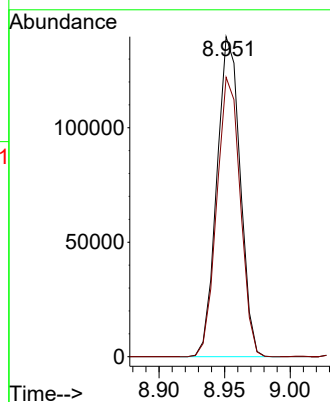
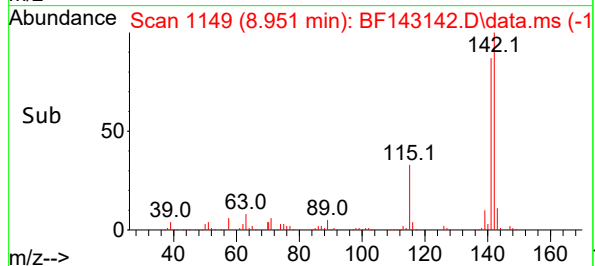
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:142 Resp: 17286
Ion Ratio Lower Upper
142 100
141 87.3 69.9 104.9

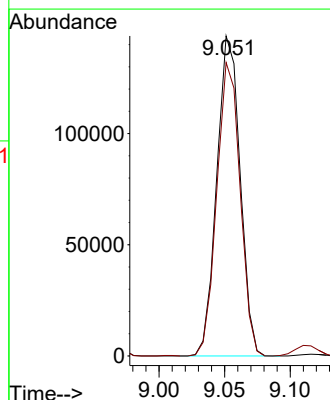
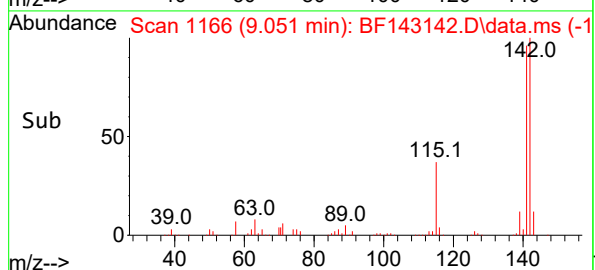
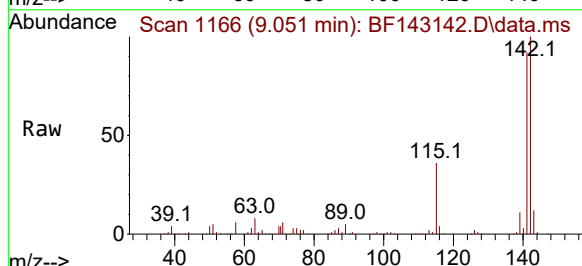
Manual Integrations
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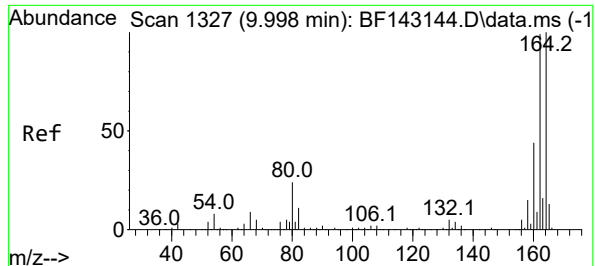
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



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

Tgt Ion:142 Resp: 177917
Ion Ratio Lower Upper
142 100
141 91.7 72.3 108.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.998 min Scan# 1178

Delta R.T. 0.000 min

Lab File: BF143142.D

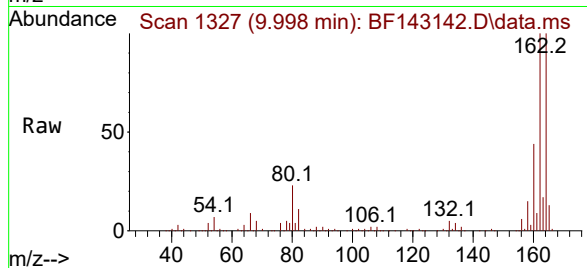
Acq: 17 Jul 2025 12:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



Tgt Ion:164 Resp: 282580

Ion Ratio Lower Upper

164 100

162 99.8 79.0 118.6

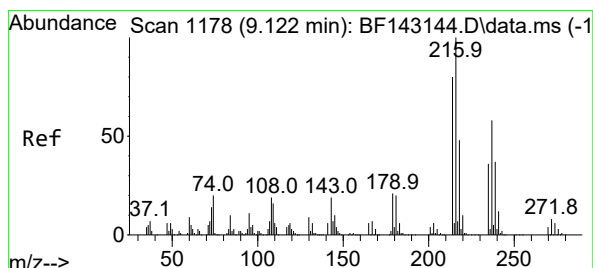
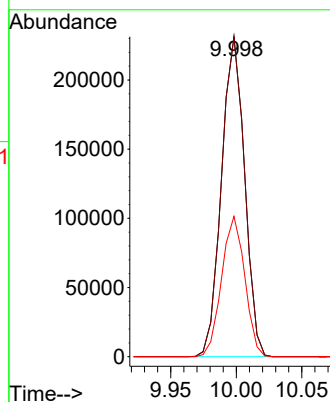
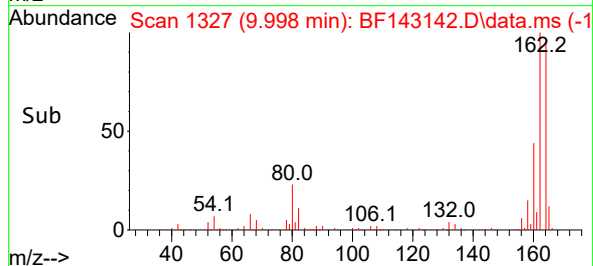
160 43.9 35.1 52.7

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#40

1,2,4,5-Tetrachlorobenzene

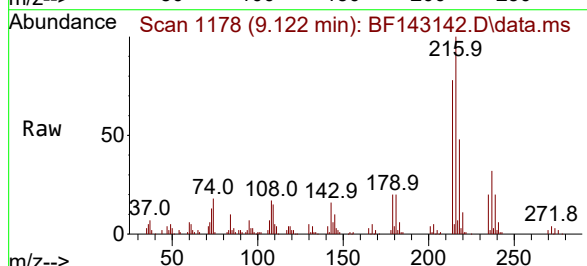
Concen: 10.357 ng

RT: 9.122 min Scan# 1178

Delta R.T. 0.000 min

Lab File: BF143142.D

Acq: 17 Jul 2025 12:04



Tgt Ion:216 Resp: 84494

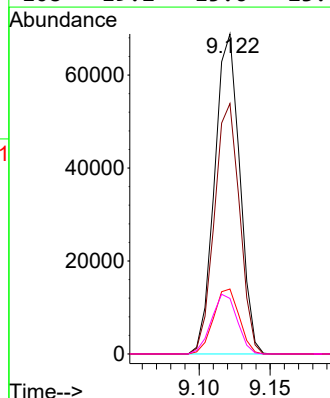
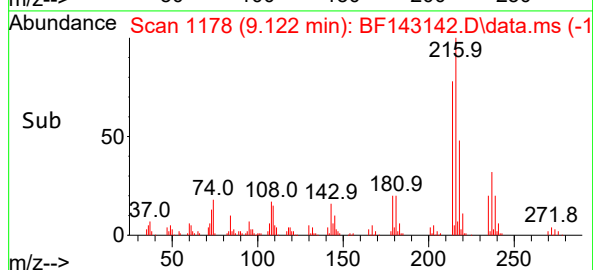
Ion Ratio Lower Upper

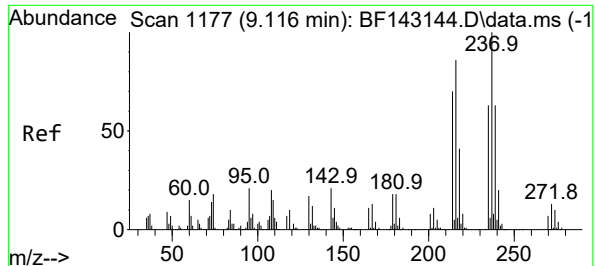
216 100

214 78.6 63.8 95.8

179 20.8 16.4 24.6

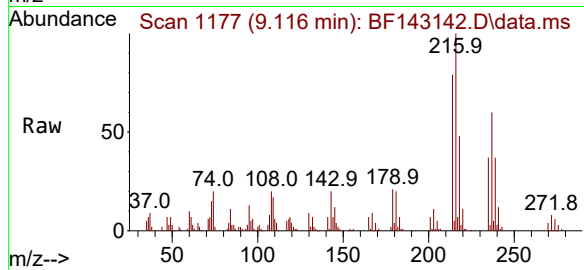
108 19.2 15.6 23.4





#41
Hexachlorocyclopentadiene
Concen: 8.963 ng
RT: 9.116 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

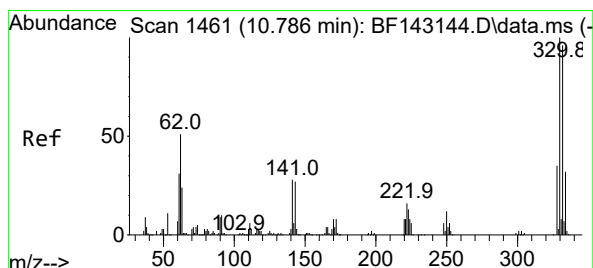
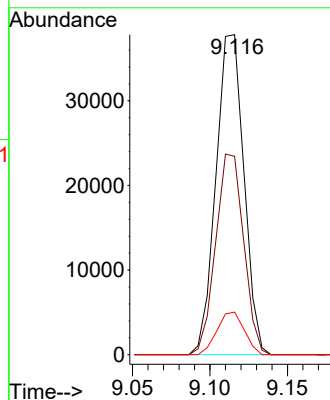
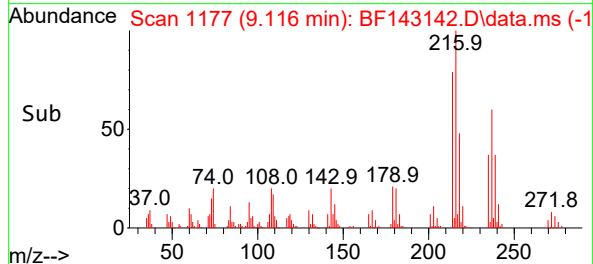
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



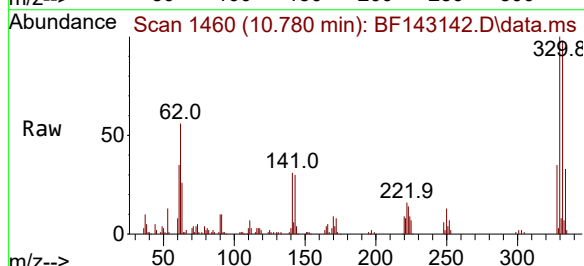
Tgt Ion:237 Resp: 4757
Ion Ratio Lower Upper
237 100
235 62.0 43.0 83.0
272 13.3 0.0 33.3

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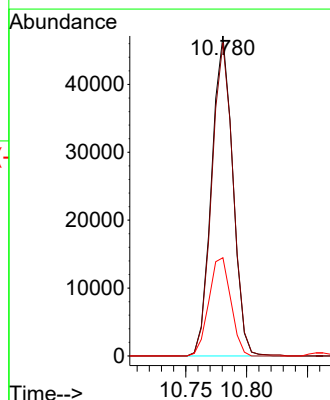
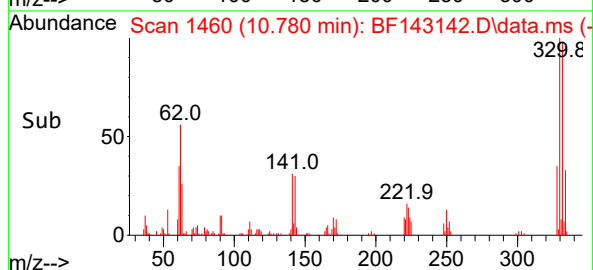
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

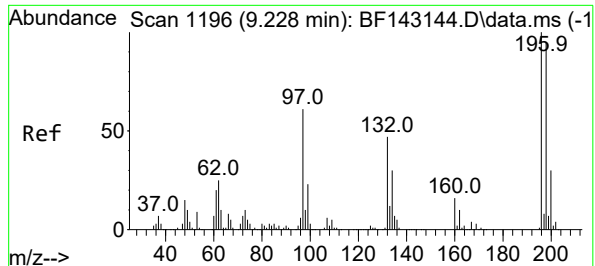


#42
2,4,6-Tribromophenol
Concen: 19.512 ng
RT: 10.780 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04



Tgt Ion:330 Resp: 56961
Ion Ratio Lower Upper
330 100
332 98.3 76.7 115.1
141 32.0 23.3 34.9





#43

2,4,6-Trichlorophenol

Concen: 10.165 ng

RT: 9.228 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BF143142.D

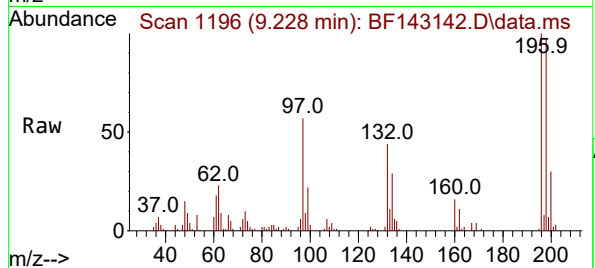
Acq: 17 Jul 2025 12:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



Tgt Ion:196 Resp: 57390

Ion Ratio Lower Upper

196 100

198 97.4 76.2 114.2

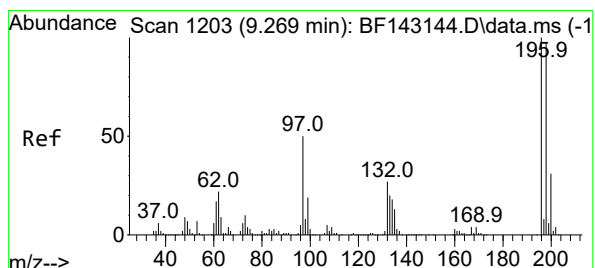
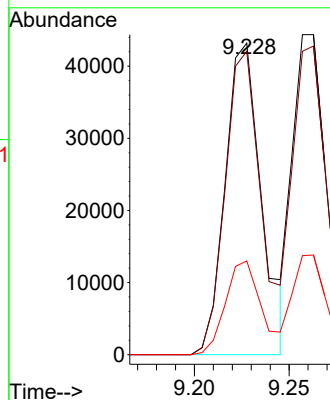
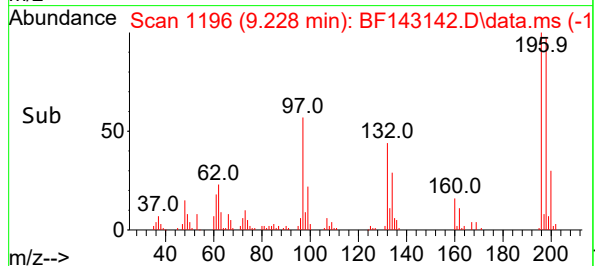
200 30.1 23.9 35.9

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#44

2,4,5-Trichlorophenol

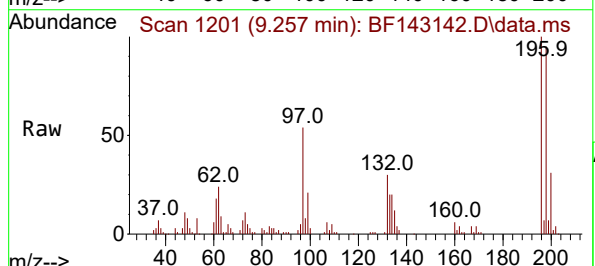
Concen: 9.688 ng

RT: 9.257 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF143142.D

Acq: 17 Jul 2025 12:04



Tgt Ion:196 Resp: 54716

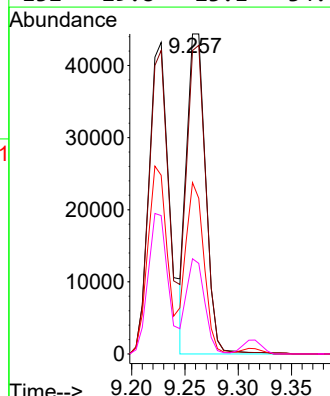
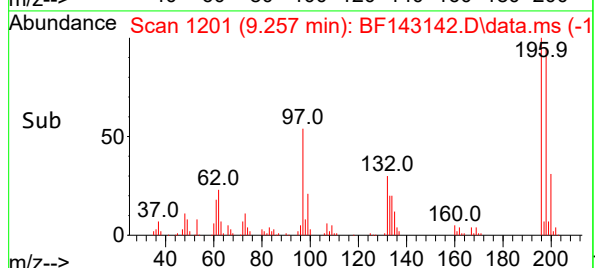
Ion Ratio Lower Upper

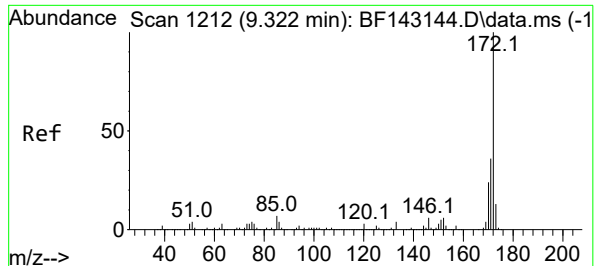
196 100

198 94.8 77.3 115.9

97 53.5 40.3 60.5

132 29.8 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 22.489 ng

RT: 9.316 min Scan# 1211

Delta R.T. -0.006 min

Lab File: BF143142.D

Acq: 17 Jul 2025 12:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:172 Resp: 464669

Ion Ratio Lower Upper

172 100

171 34.8 28.6 42.8

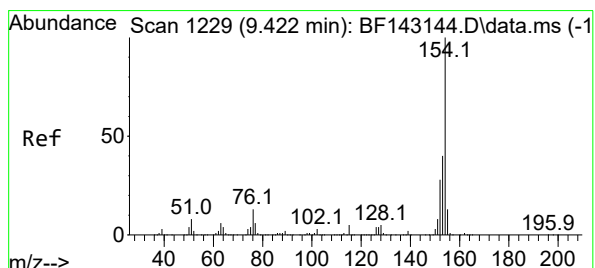
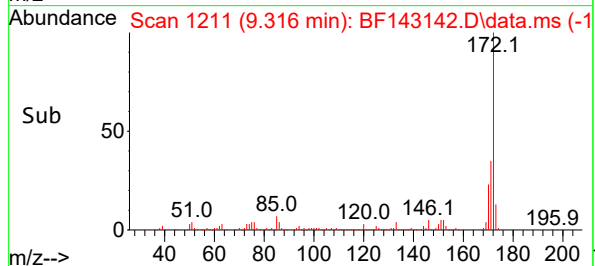
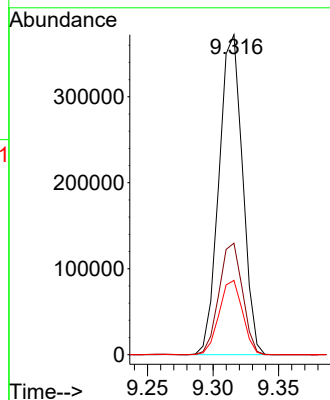
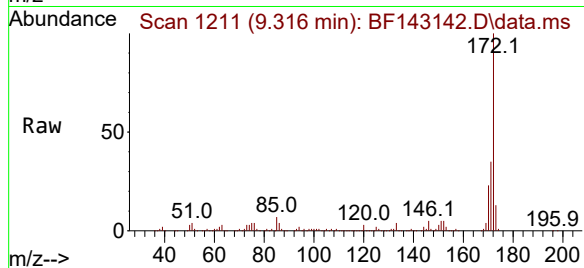
170 23.2 18.8 28.2

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#46

1,1'-Biphenyl

Concen: 10.680 ng

RT: 9.416 min Scan# 1228

Delta R.T. -0.006 min

Lab File: BF143142.D

Acq: 17 Jul 2025 12:04

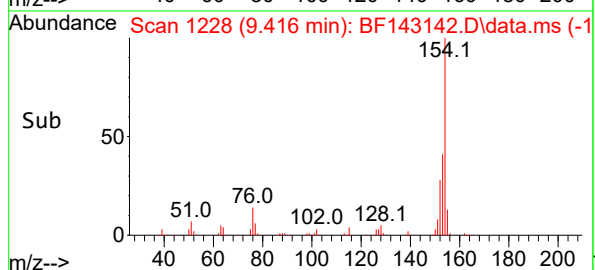
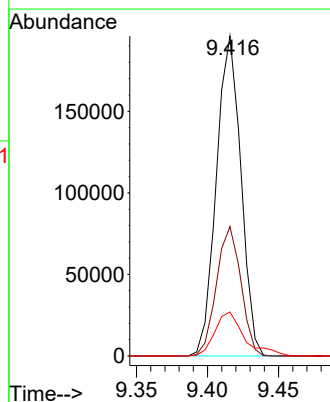
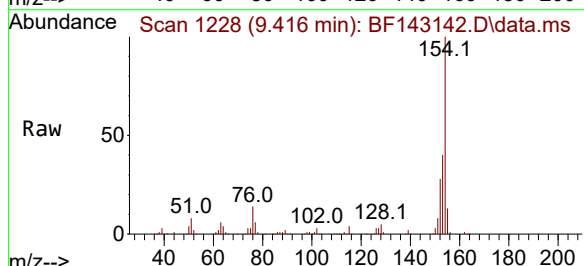
Tgt Ion:154 Resp: 235467

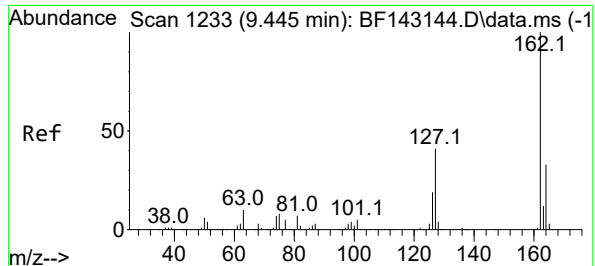
Ion Ratio Lower Upper

154 100

153 40.5 20.3 60.3

76 13.7 0.0 33.3





#47

2-Chloronaphthalene

Concen: 10.595 ng

RT: 9.439 min Scan# 1233

Delta R.T. -0.006 min

Lab File: BF143142.D

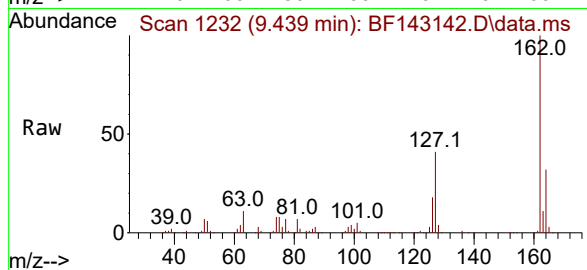
Acq: 17 Jul 2025 12:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



Tgt Ion:162 Resp: 17283

Ion Ratio Lower Upper

162 100

127 40.6 33.4 50.2

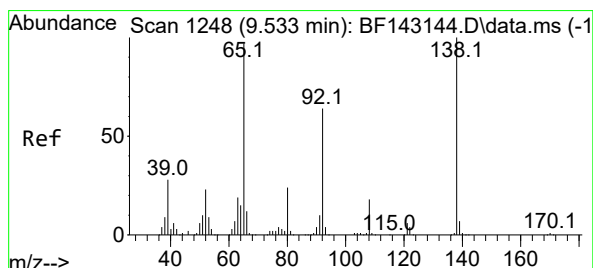
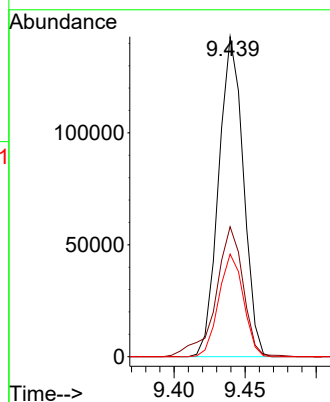
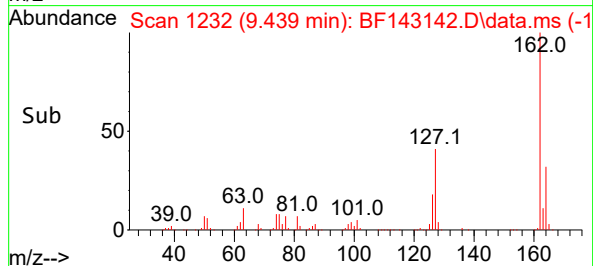
164 32.0 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#48

2-Nitroaniline

Concen: 9.198 ng

RT: 9.528 min Scan# 1247

Delta R.T. -0.006 min

Lab File: BF143142.D

Acq: 17 Jul 2025 12:04

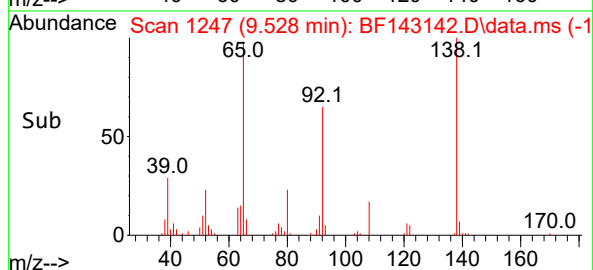
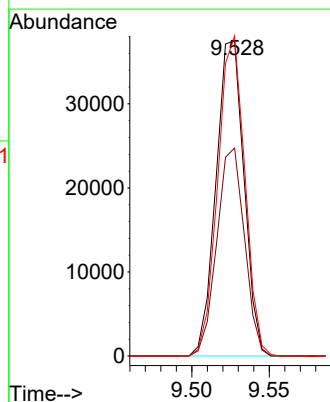
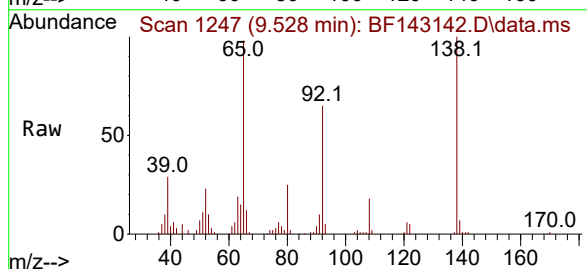
Tgt Ion: 65 Resp: 47055

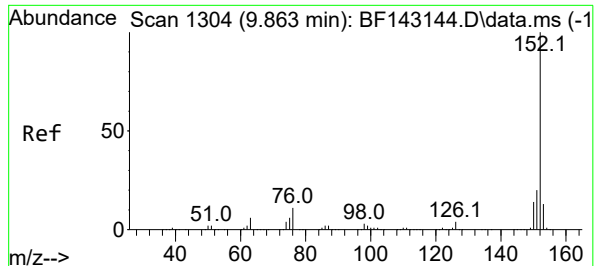
Ion Ratio Lower Upper

65 100

92 66.0 52.4 78.6

138 101.6 82.3 123.5





#49

Acenaphthylene

Concen: 10.607 ng

RT: 9.857 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143142.D

Acq: 17 Jul 2025 12:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:152 Resp: 289989

Ion Ratio Lower Upper

152 100

151 19.3 16.2 24.2

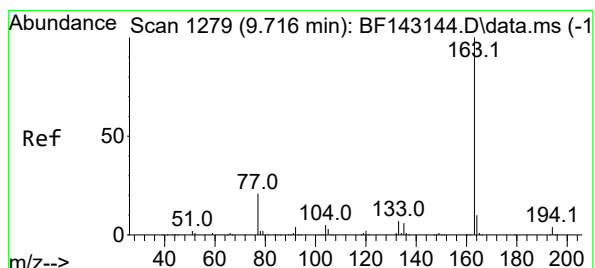
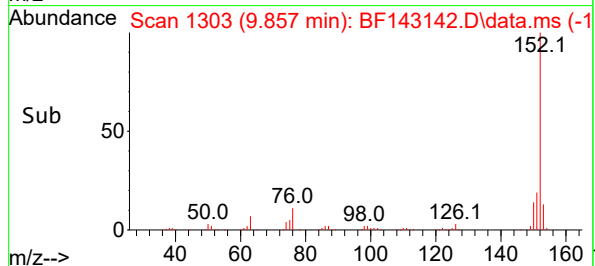
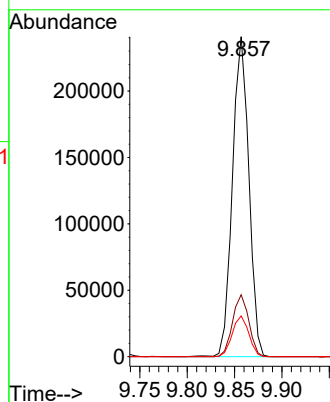
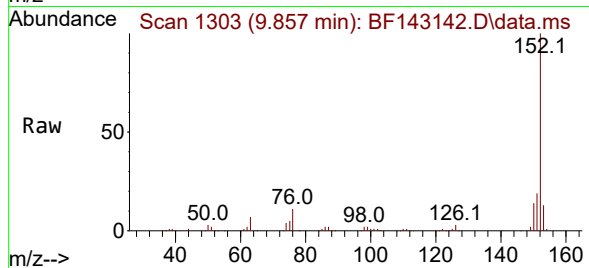
153 12.8 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#50

Dimethylphthalate

Concen: 10.283 ng

RT: 9.704 min Scan# 1277

Delta R.T. -0.012 min

Lab File: BF143142.D

Acq: 17 Jul 2025 12:04

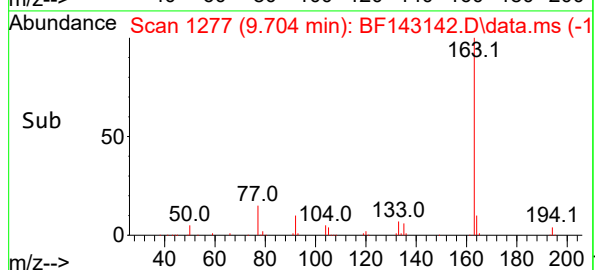
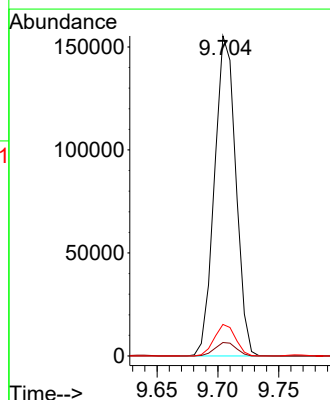
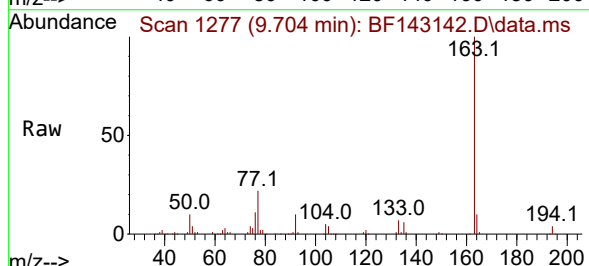
Tgt Ion:163 Resp: 189399

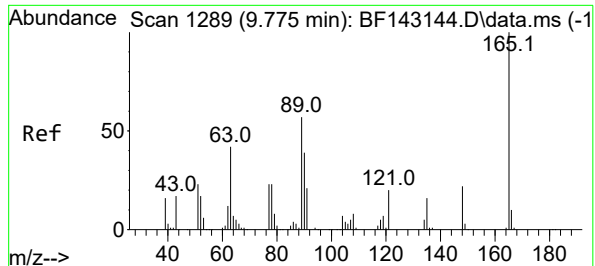
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

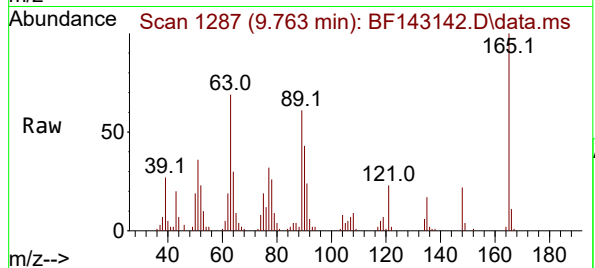
164 9.9 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 9.438 ng
RT: 9.763 min Scan# 1287
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

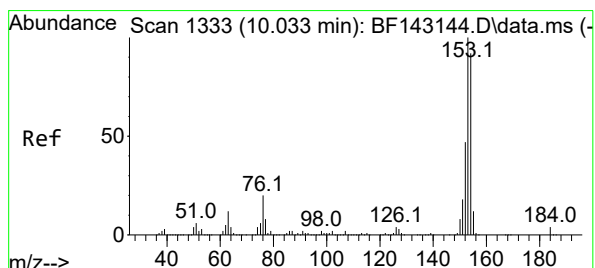
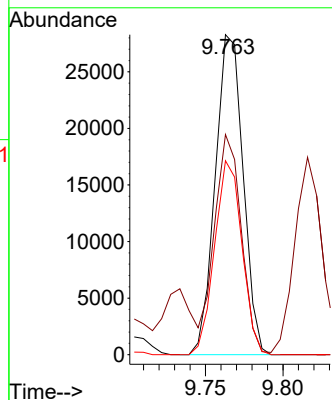
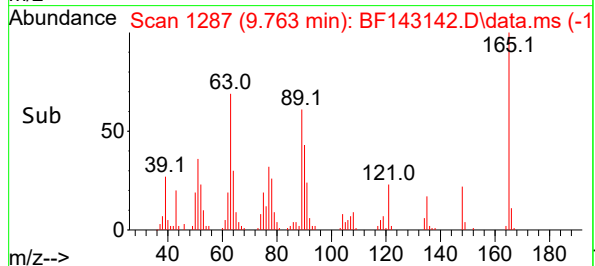
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:165 Resp: 35364
Ion Ratio Lower Upper
165 100
63 68.8 49.4 74.2
89 60.6 46.2 69.2

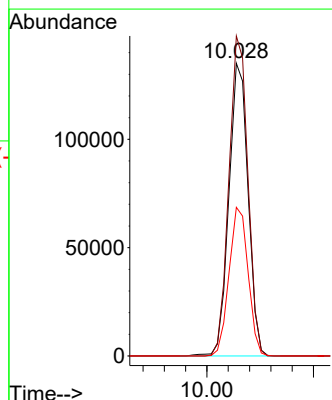
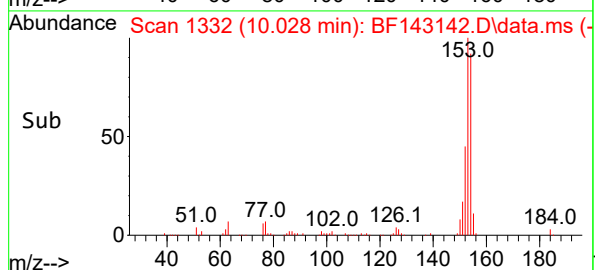
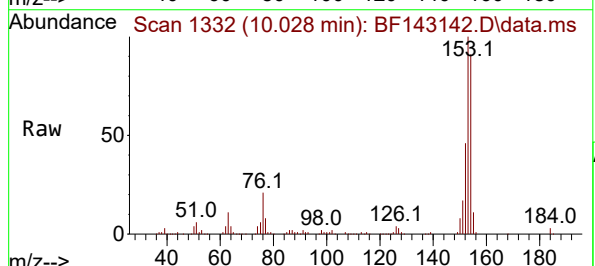
Manual Integrations
APPROVED

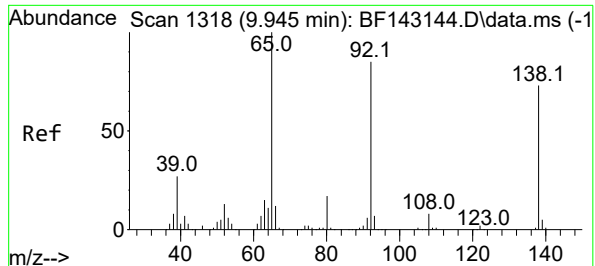
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



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

Tgt Ion:154 Resp: 168698
Ion Ratio Lower Upper
154 100
153 109.3 86.6 129.8
152 50.8 40.4 60.6





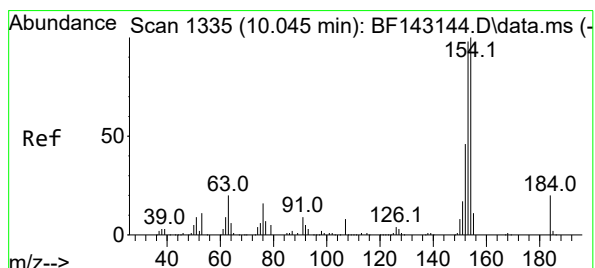
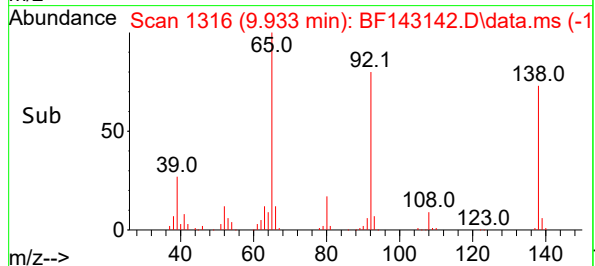
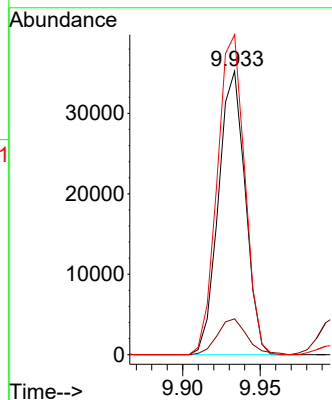
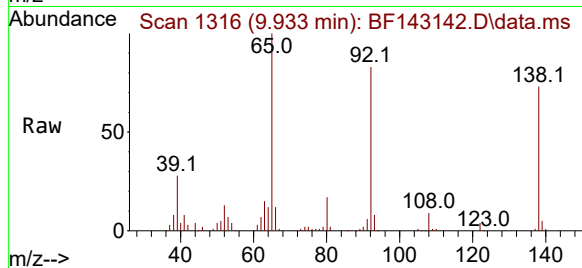
#53
3-Nitroaniline
Concen: 9.667 ng
RT: 9.933 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:138 Resp: 4236
Ion Ratio Lower Upper
138 100
108 12.7 9.0 13.6
92 112.9 93.0 139.4

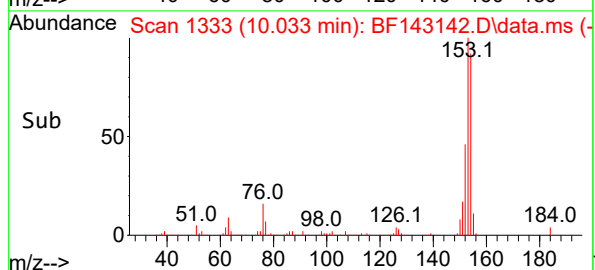
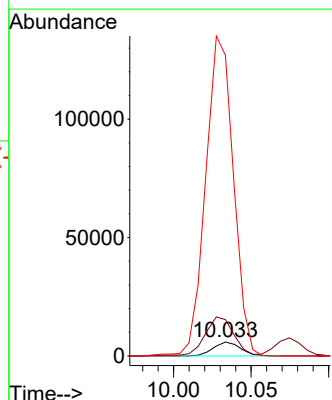
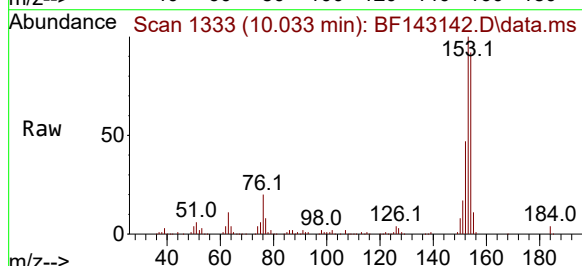
Manual Integrations
APPROVED

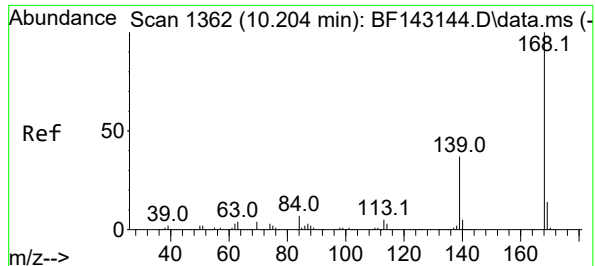
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



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

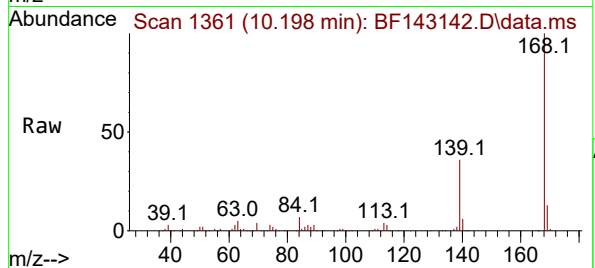
Tgt Ion:184 Resp: 7147
Ion Ratio Lower Upper
184 100
63 261.5 81.8 122.6#
154 2164.9 412.2 618.4#





#55
Dibenzenofuran
Concen: 10.641 ng
RT: 10.198 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

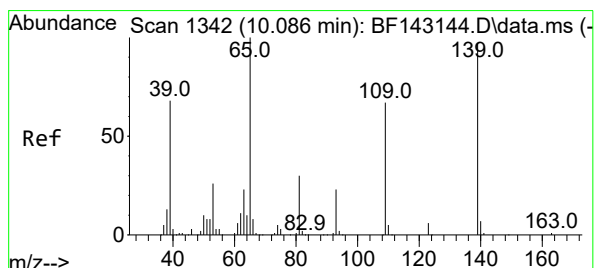
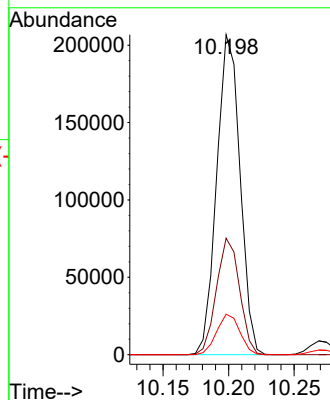
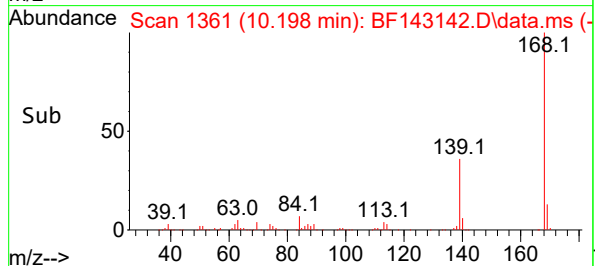
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



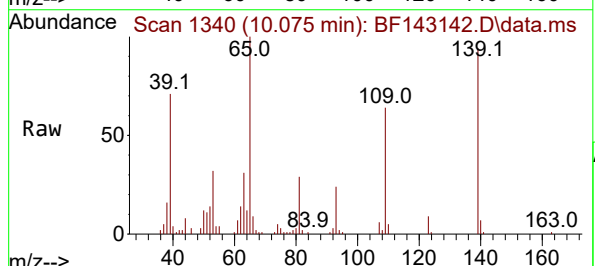
Tgt Ion:168 Resp: 255272
Ion Ratio Lower Upper
168 100
139 36.4 29.5 44.3
169 12.7 10.9 16.3

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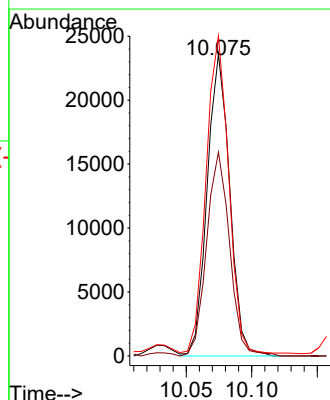
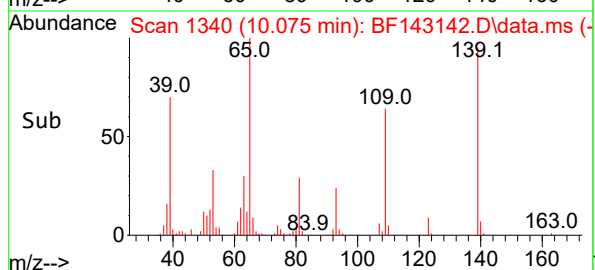
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

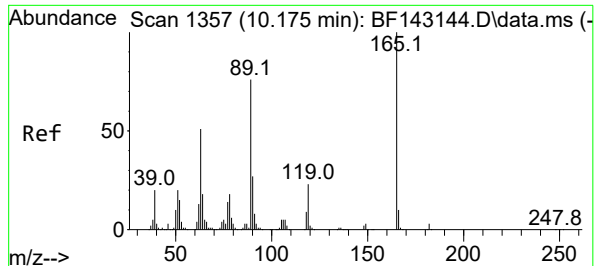


#56
4-Nitrophenol
Concen: 8.627 ng
RT: 10.075 min Scan# 1340
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04



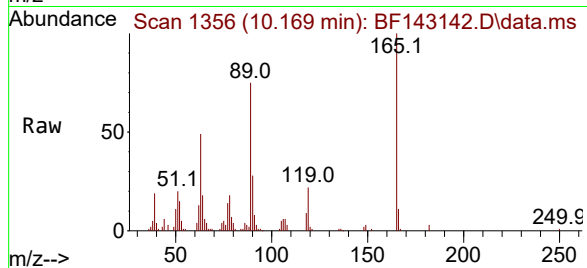
Tgt Ion:139 Resp: 28233
Ion Ratio Lower Upper
139 100
109 67.5 48.5 88.5
65 106.0 83.4 123.4





#57
2,4-Dinitrotoluene
Concen: 8.895 ng
RT: 10.169 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

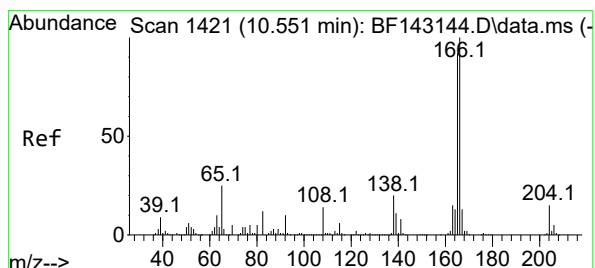
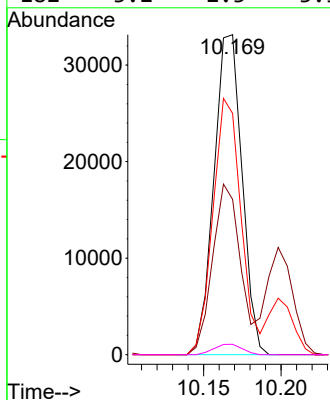
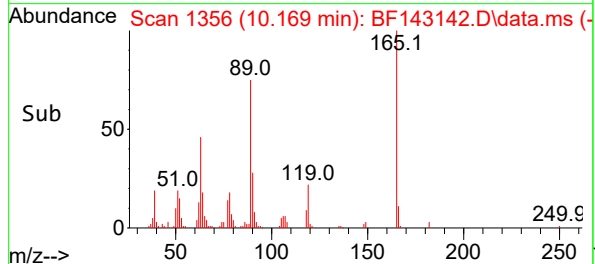
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



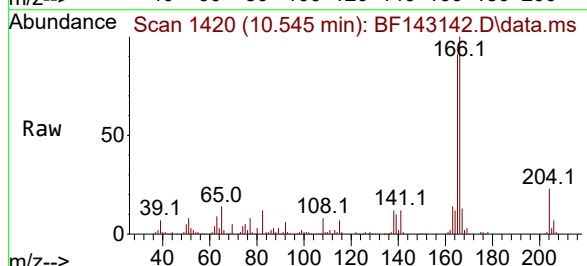
Tgt Ion:165 Resp: 4181
Ion Ratio Lower Upper
165 100
63 48.5 41.0 61.4
89 75.4 61.1 91.7
182 3.2 2.3 3.5

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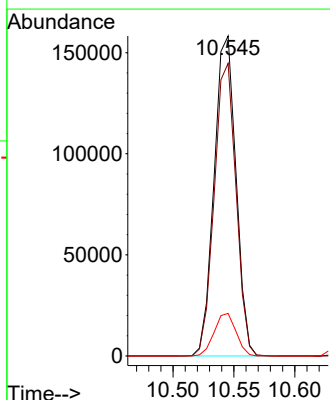
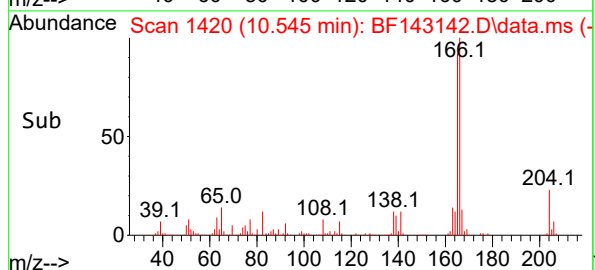
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

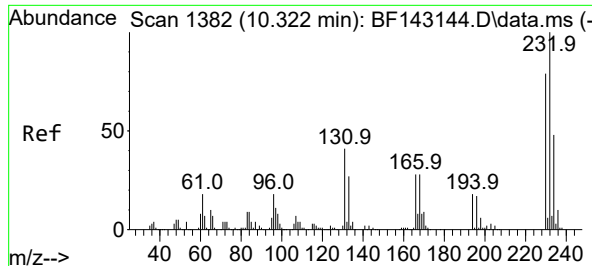


#58
Fluorene
Concen: 10.999 ng
RT: 10.545 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04



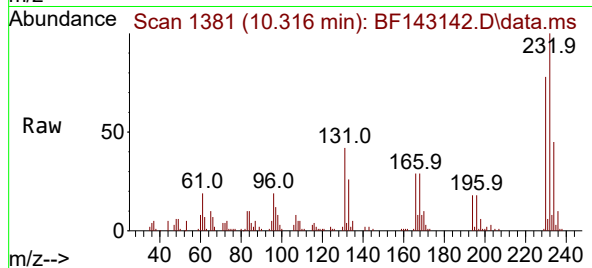
Tgt Ion:166 Resp: 198041
Ion Ratio Lower Upper
166 100
165 91.4 73.7 110.5
167 13.3 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 9.986 ng
RT: 10.316 min Scan# 1381
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

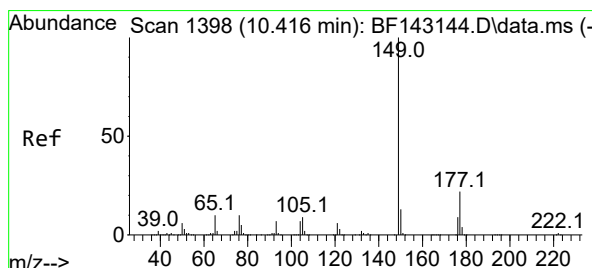
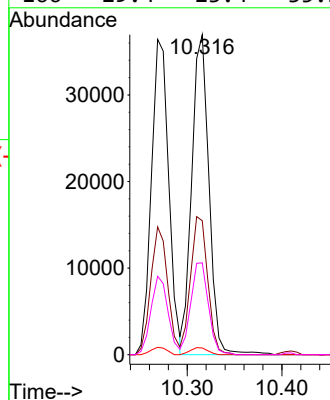
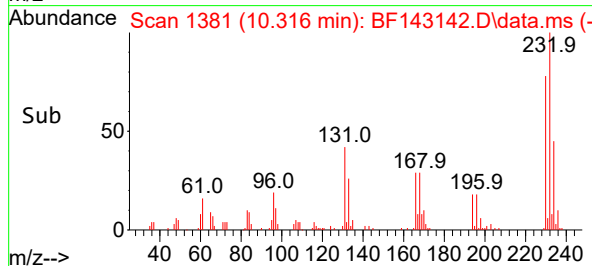
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:232 Resp: 46720
Ion Ratio Lower Upper
232 100
131 43.0 35.3 52.9
130 2.2 1.7 2.5
166 29.4 23.4 35.2

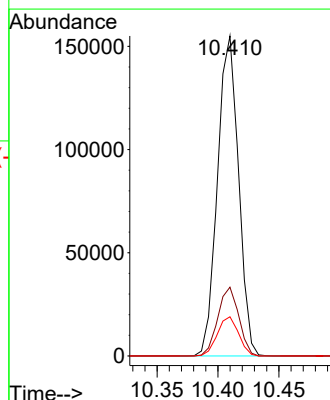
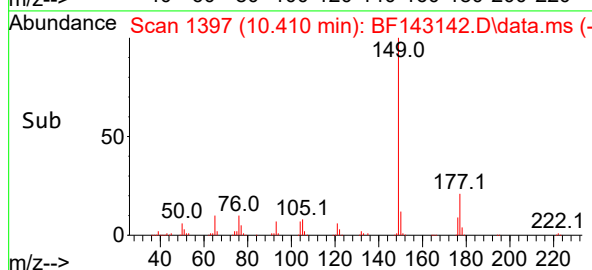
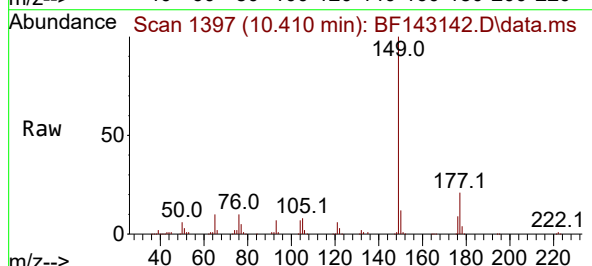
Manual Integrations
APPROVED

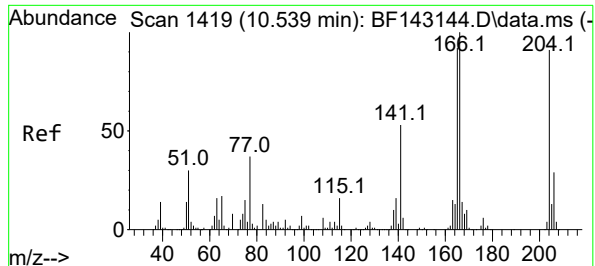
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



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

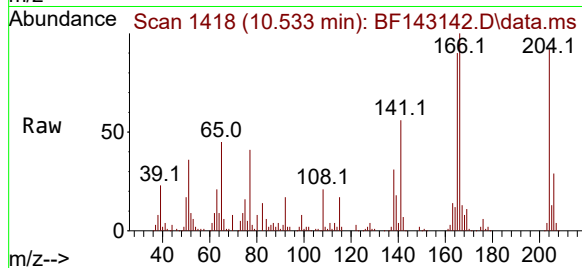
Tgt Ion:149 Resp: 186802
Ion Ratio Lower Upper
149 100
177 21.5 17.5 26.3
150 12.3 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 10.561 ng
RT: 10.533 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

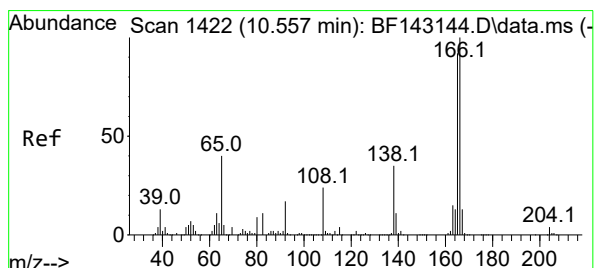
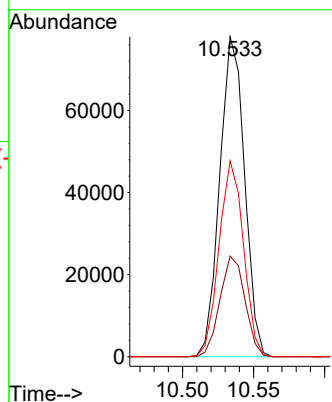
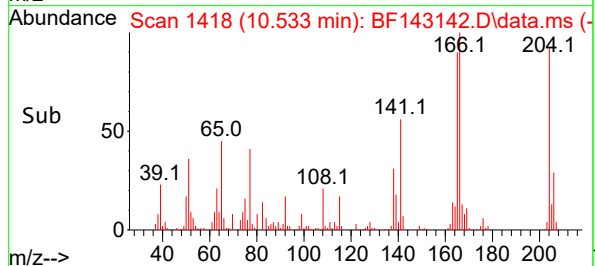
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



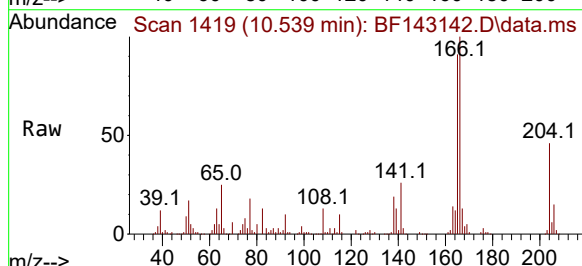
Tgt Ion:204 Resp: 9468
Ion Ratio Lower Upper
204 100
206 31.4 25.8 38.8
141 61.2 47.0 70.4

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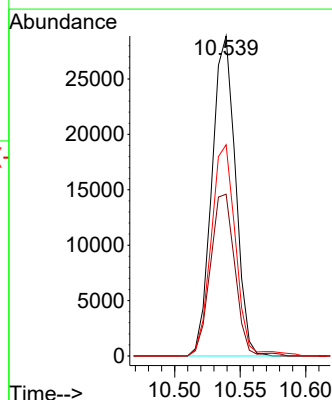
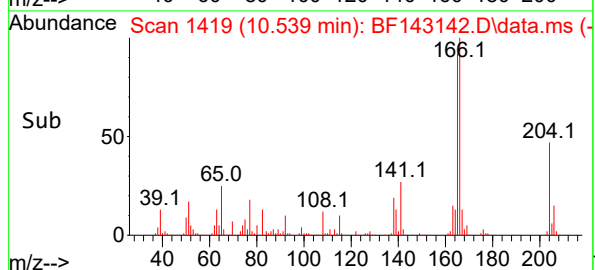
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

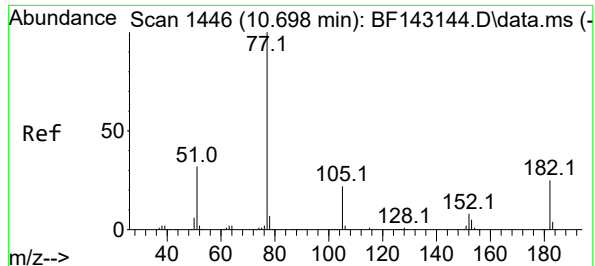


#62
4-Nitroaniline
Concen: 9.574 ng
RT: 10.539 min Scan# 1419
Delta R.T. -0.018 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04



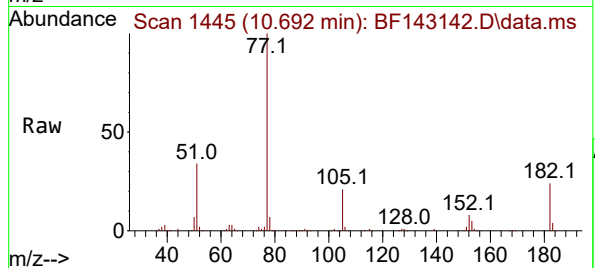
Tgt Ion:138 Resp: 35962
Ion Ratio Lower Upper
138 100
92 50.5 29.3 69.3
108 66.0 48.3 88.3





#63
Azobenzene
Concen: 10.435 ng
RT: 10.692 min Scan# 1445
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

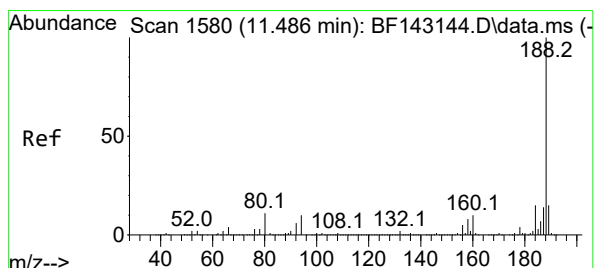
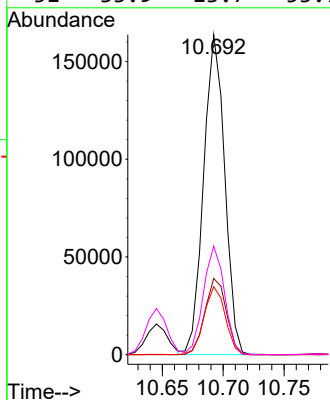
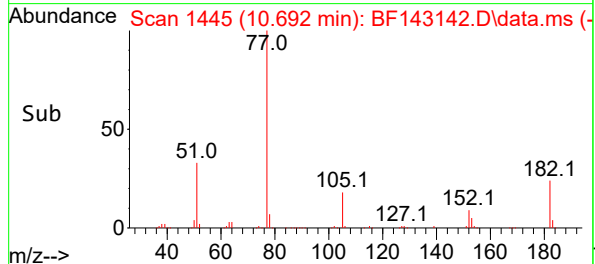
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion: 77 Resp: 197998
Ion Ratio Lower Upper
77 100
182 23.8 4.6 44.6
105 21.2 1.4 41.4
51 33.9 13.7 53.7

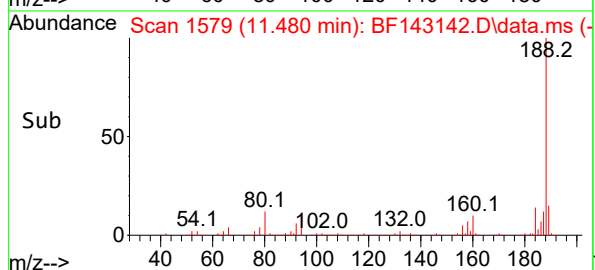
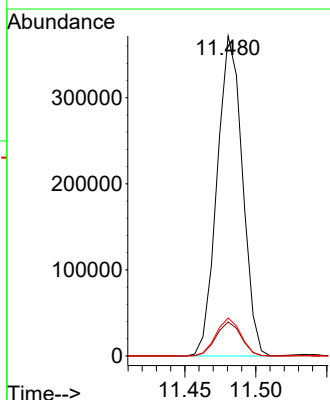
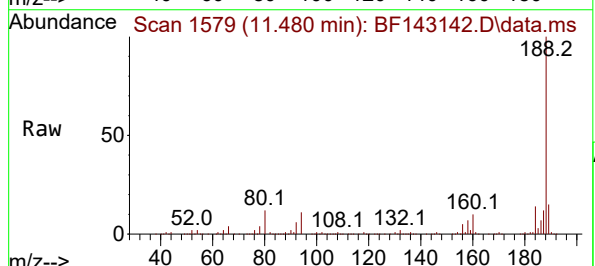
Manual Integrations
APPROVED

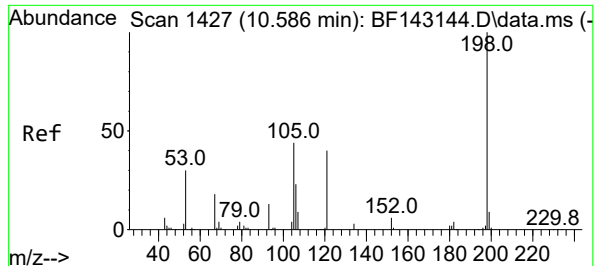
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



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

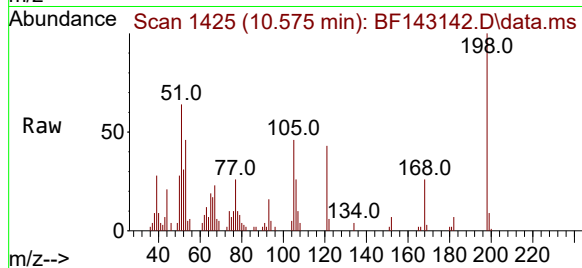
Tgt Ion:188 Resp: 461255
Ion Ratio Lower Upper
188 100
94 10.7 8.3 12.5
80 11.8 9.0 13.6





#65
4,6-Dinitro-2-methylphenol
Concen: 10.014 ng
RT: 10.575 min Scan# 1425
Delta R.T. -0.011 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

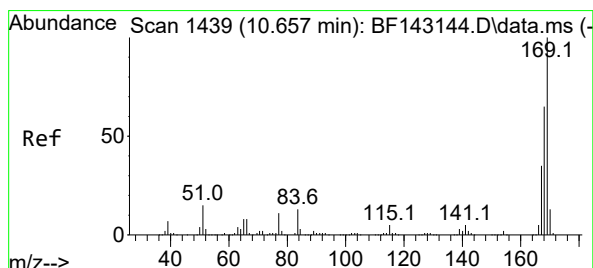
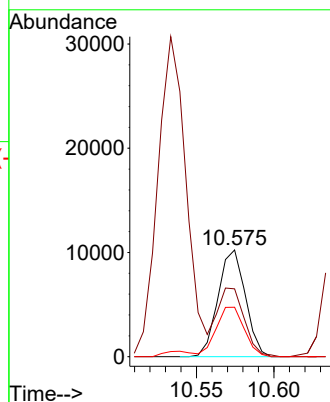
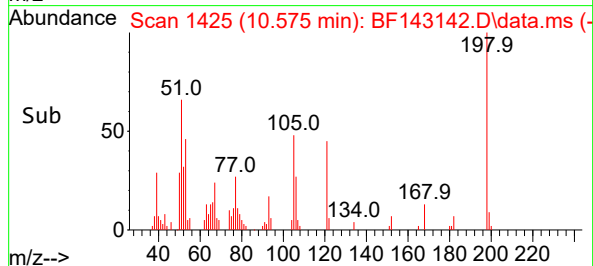
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:198 Resp: 1254
Ion Ratio Lower Upper
198 100
51 63.6 37.2 77.2
105 46.4 24.8 64.8

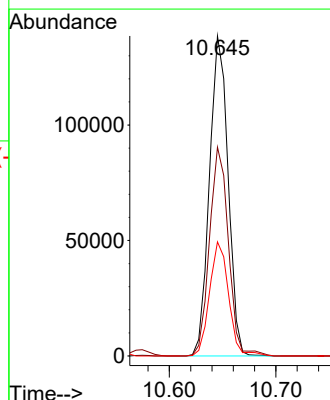
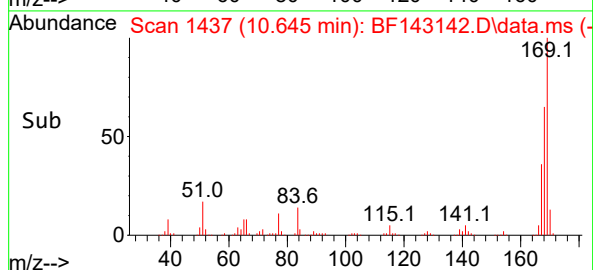
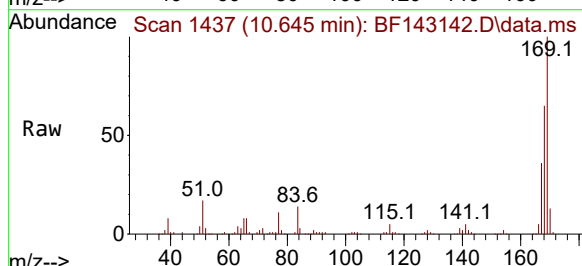
Manual Integrations
APPROVED

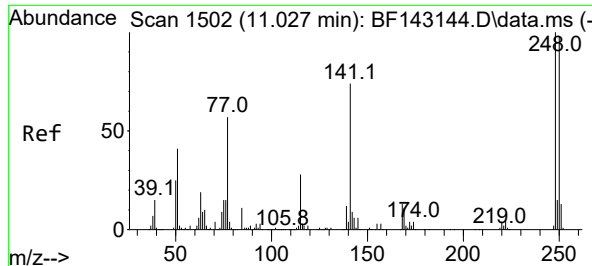
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



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

Tgt Ion:169 Resp: 167901
Ion Ratio Lower Upper
169 100
168 65.2 52.1 78.1
167 35.6 28.2 42.2





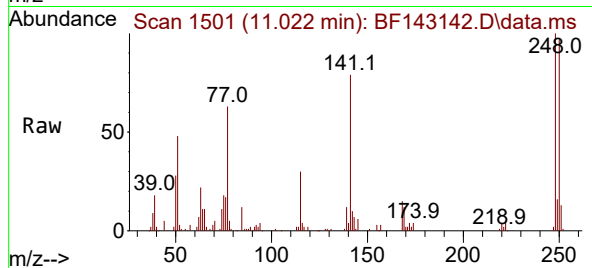
#67
4-Bromophenyl-phenylether
Concen: 9.978 ng
RT: 11.022 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

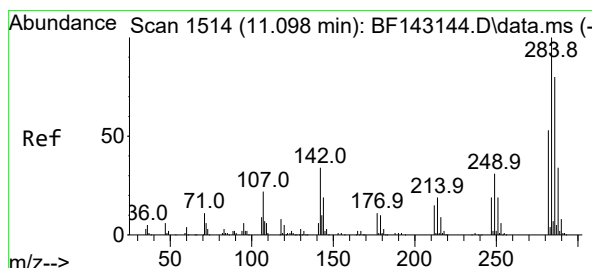
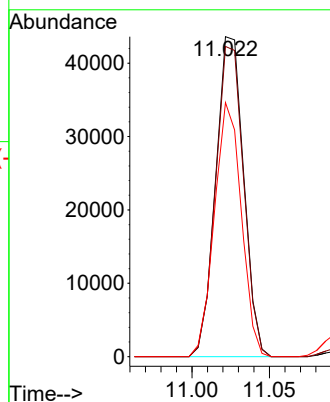
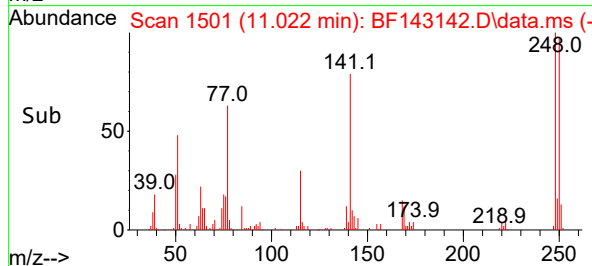


Tgt Ion:248 Resp: 54849
Ion Ratio Lower Upper
248 100
250 97.0 78.3 117.5
141 79.4 59.2 88.8

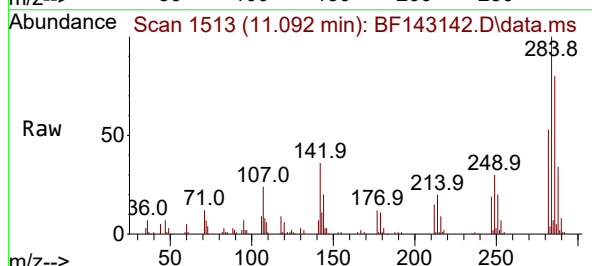
Manual Integrations

APPROVED

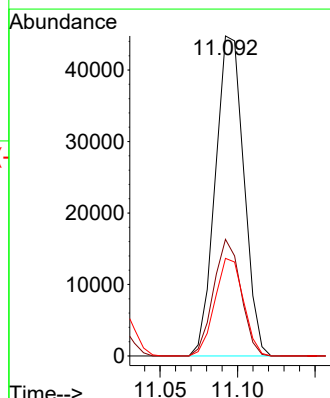
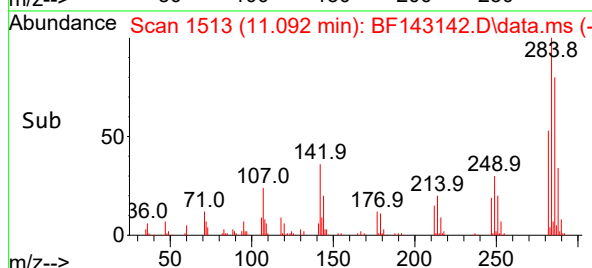
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

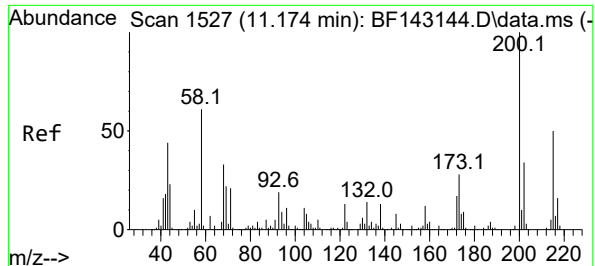


#68
Hexachlorobenzene
Concen: 9.974 ng
RT: 11.092 min Scan# 1513
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04



Tgt Ion:284 Resp: 57305
Ion Ratio Lower Upper
284 100
142 36.4 27.0 40.6
249 30.5 25.0 37.6





#69

Atrazine

Concen: 9.613 ng

RT: 11.169 min Scan# 1526

Delta R.T. -0.006 min

Lab File: BF143142.D

Acq: 17 Jul 2025 12:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:200 Resp: 4304

Ion Ratio Lower Upper

200 100

173 28.7 7.9 47.9

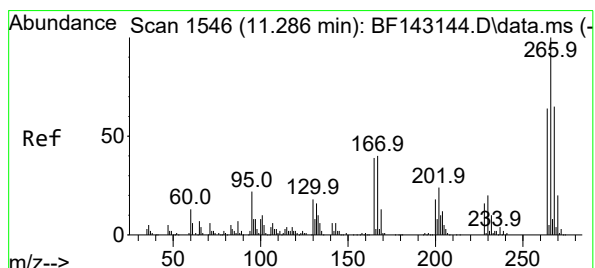
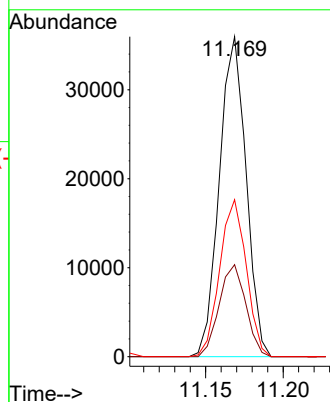
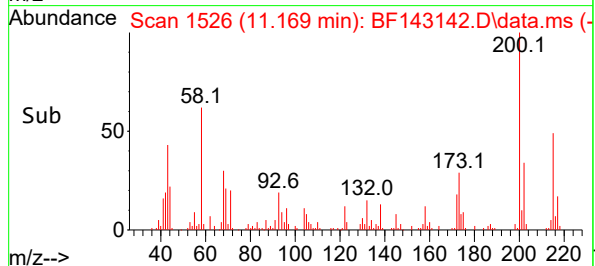
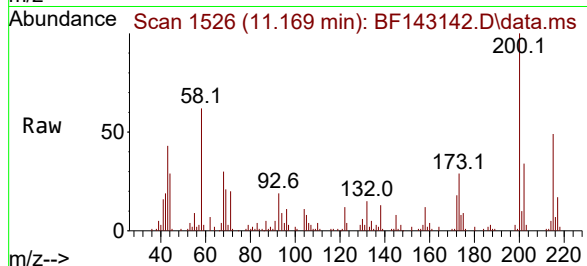
215 49.1 30.1 70.1

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#70

Pentachlorophenol

Concen: 8.148 ng

RT: 11.280 min Scan# 1545

Delta R.T. -0.006 min

Lab File: BF143142.D

Acq: 17 Jul 2025 12:04

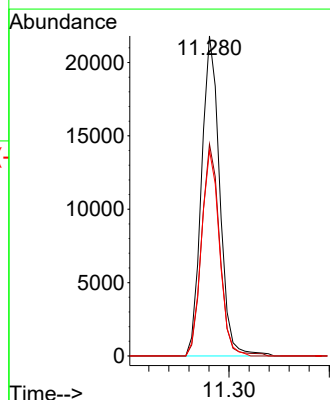
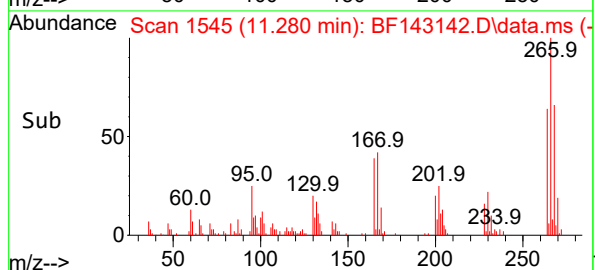
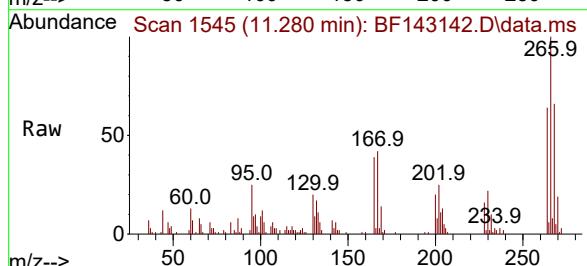
Tgt Ion:266 Resp: 27529

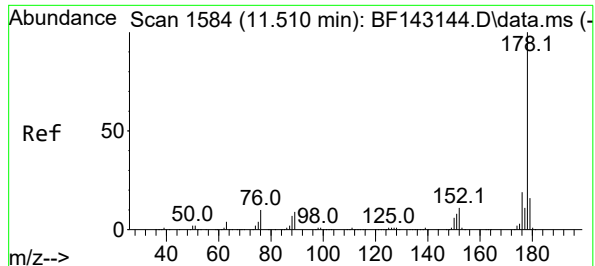
Ion Ratio Lower Upper

266 100

268 66.2 51.9 77.9

264 64.3 51.0 76.6





#71

Phenanthrene

Concen: 10.361 ng

RT: 11.504 min Scan# 1583

Delta R.T. -0.006 min

Lab File: BF143142.D

Acq: 17 Jul 2025 12:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:178 Resp: 253750

Ion Ratio Lower Upper

178 100

176 18.8 15.3 22.9

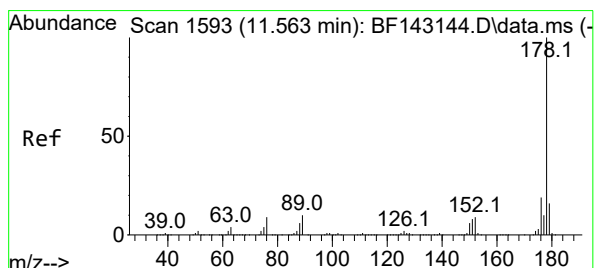
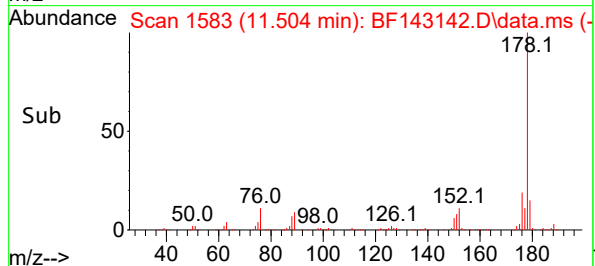
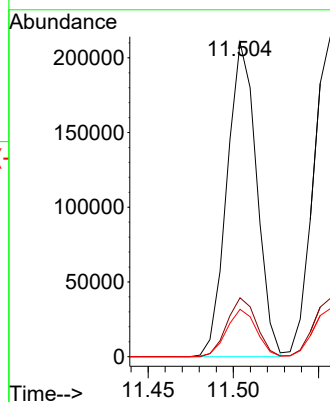
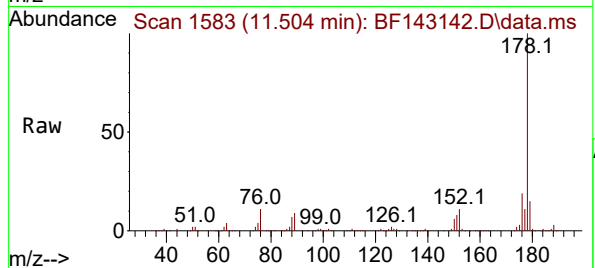
179 15.1 12.5 18.7

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#72

Anthracene

Concen: 10.487 ng

RT: 11.557 min Scan# 1592

Delta R.T. -0.006 min

Lab File: BF143142.D

Acq: 17 Jul 2025 12:04

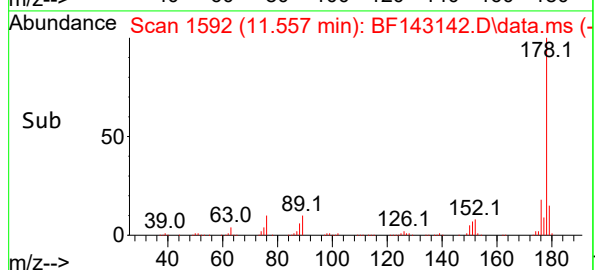
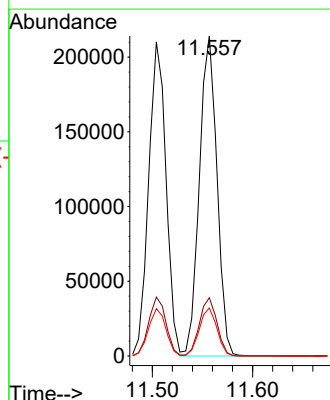
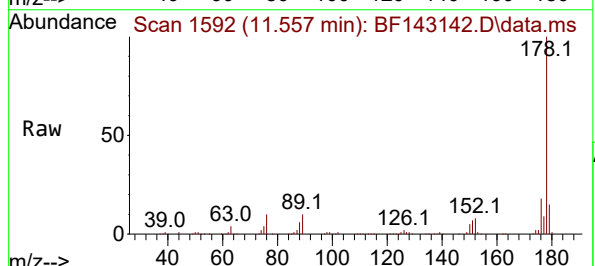
Tgt Ion:178 Resp: 261960

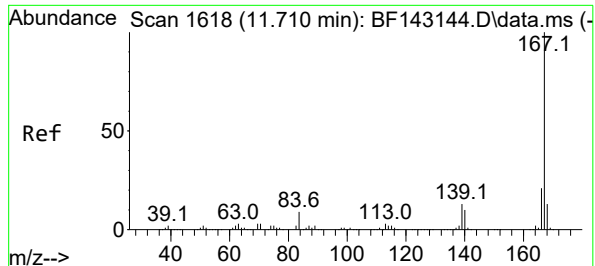
Ion Ratio Lower Upper

178 100

176 18.2 15.0 22.4

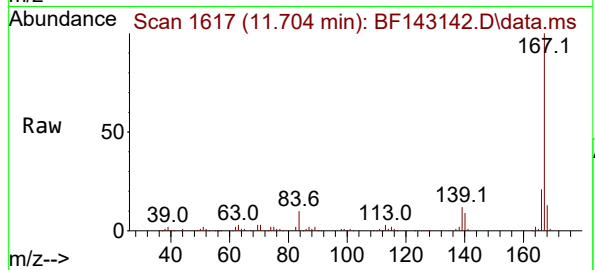
179 15.0 12.5 18.7





#73
Carbazole
Concen: 10.241 ng
RT: 11.704 min Scan# 1617
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

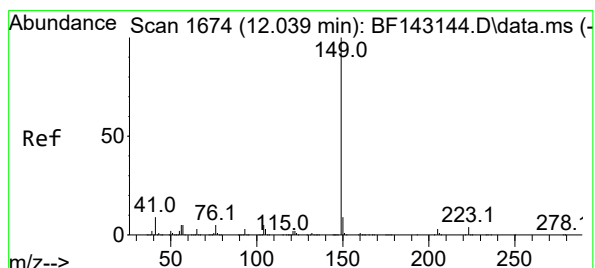
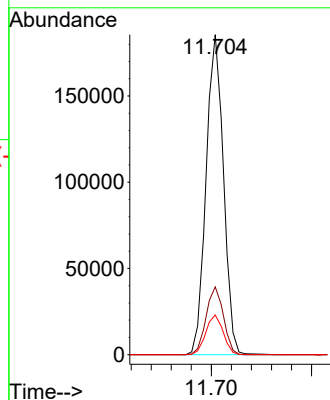
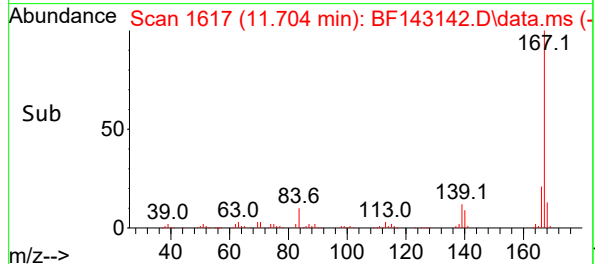
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:167 Resp: 223370
Ion Ratio Lower Upper
167 100
166 21.2 17.0 25.6
139 12.4 10.0 15.0

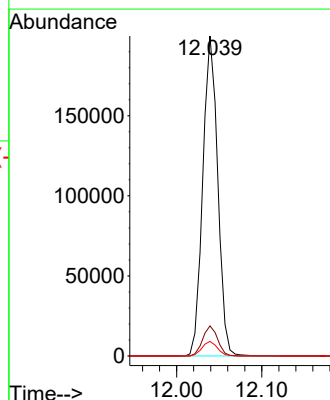
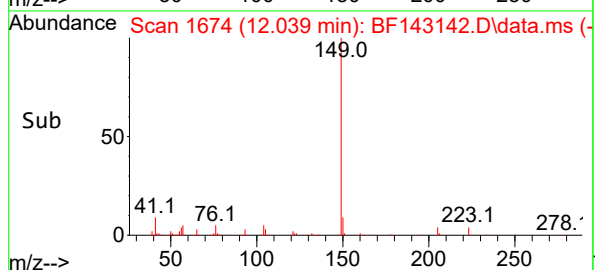
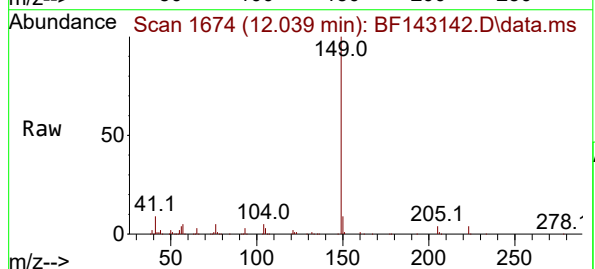
Manual Integrations
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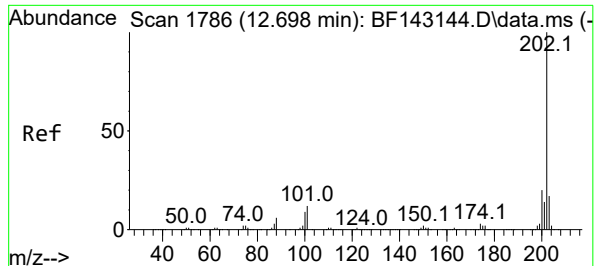
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



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

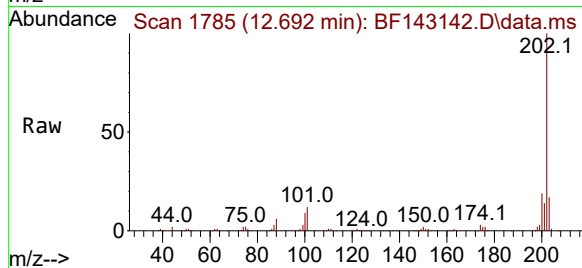
Tgt Ion:149 Resp: 243142
Ion Ratio Lower Upper
149 100
150 9.4 7.4 11.2
104 4.6 3.8 5.8





#75
Fluoranthene
Concen: 10.129 ng
RT: 12.692 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

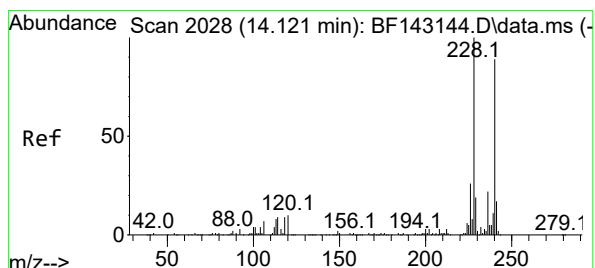
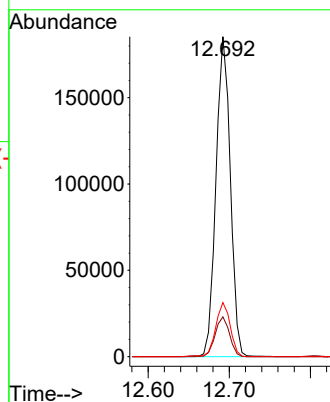
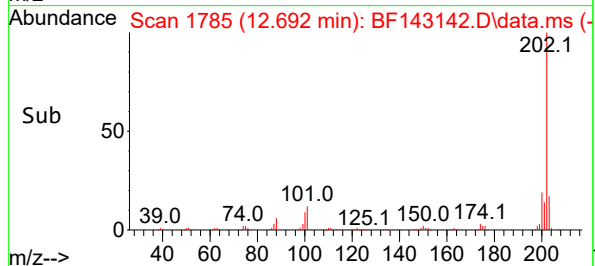
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:202 Resp: 22770
Ion Ratio Lower Upper
202 100
101 12.4 0.0 31.7
203 16.9 0.0 37.4

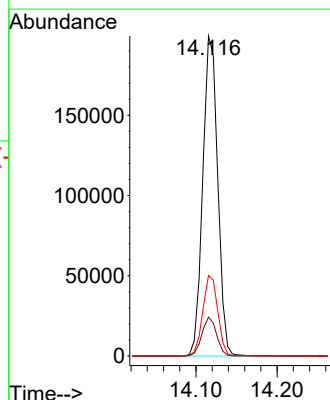
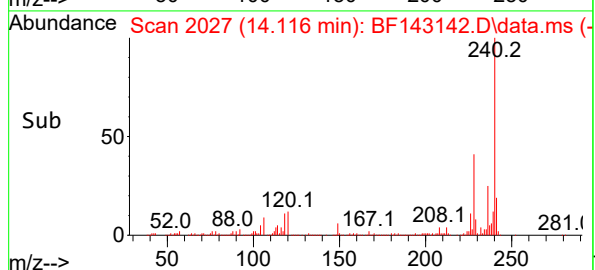
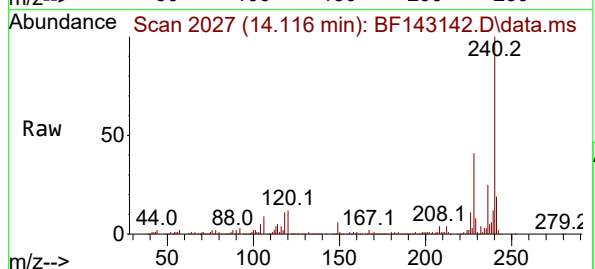
Manual Integrations
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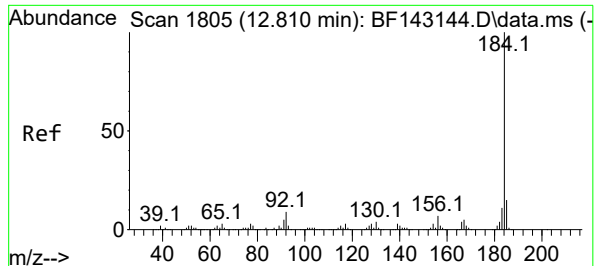
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



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

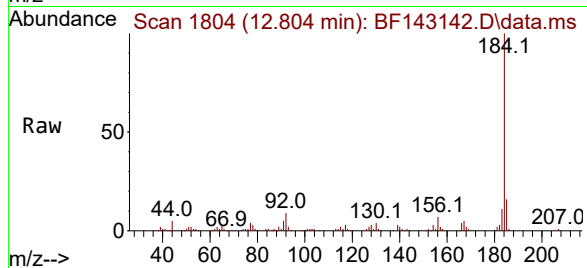
Tgt Ion:240 Resp: 254650
Ion Ratio Lower Upper
240 100
120 12.2 9.4 14.2
236 25.1 20.2 30.4





#77
Benzidine
Concen: 9.834 ng
RT: 12.804 min Scan# 1804
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

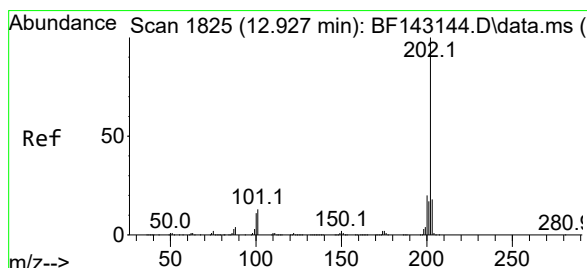
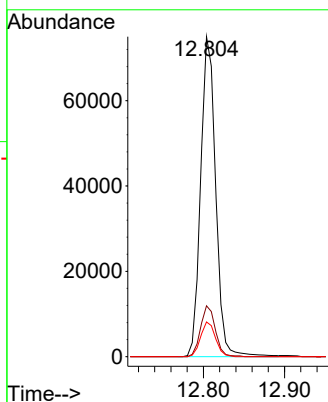
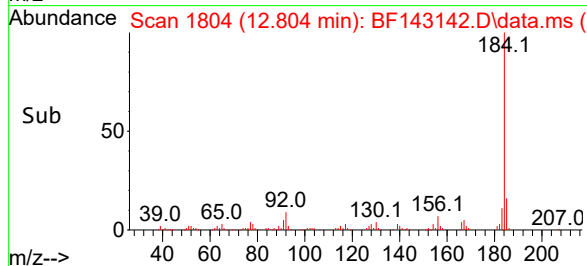
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:184 Resp: 96484
Ion Ratio Lower Upper
184 100
185 15.9 12.2 18.4
183 10.9 9.0 13.4

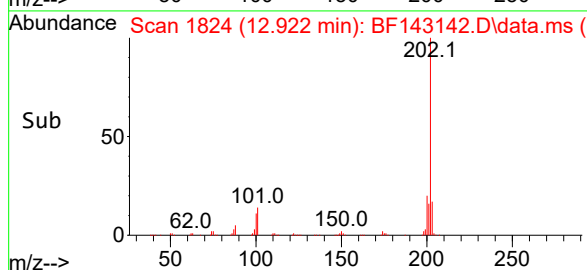
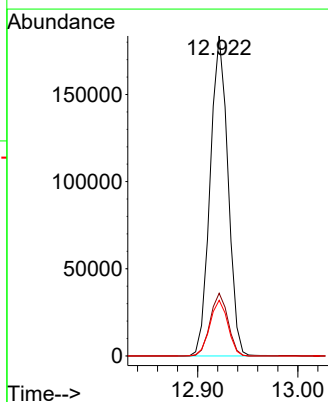
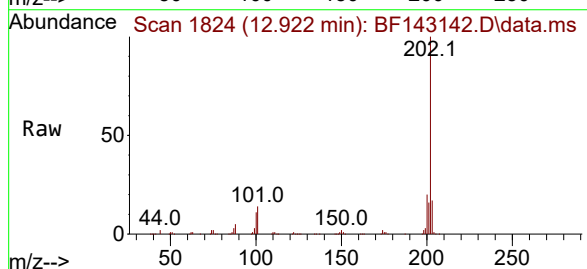
Manual Integrations
APPROVED

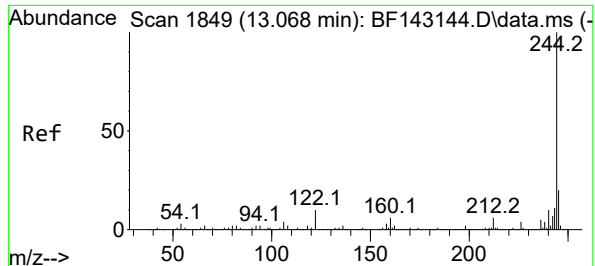
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



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

Tgt Ion:202 Resp: 227008
Ion Ratio Lower Upper
202 100
200 19.6 15.7 23.5
203 17.4 14.2 21.2





#79

Terphenyl-d14

Concen: 21.669 ng

RT: 13.063 min Scan# 1849

Delta R.T. -0.006 min

Lab File: BF143142.D

Acq: 17 Jul 2025 12:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:244 Resp: 370808

Ion Ratio Lower Upper

244 100

212 6.1 5.2 7.8

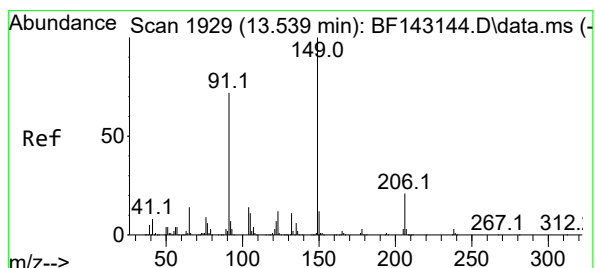
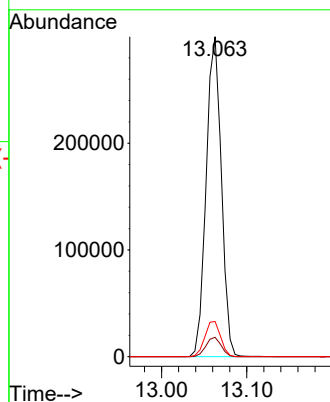
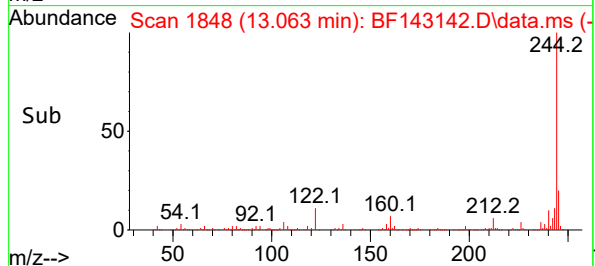
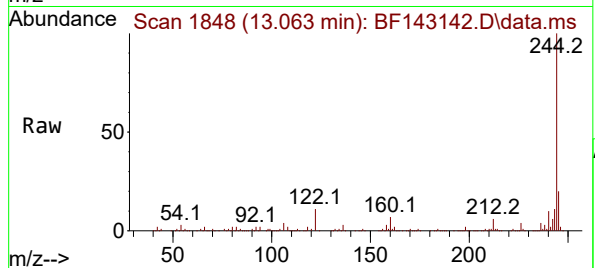
122 11.0 8.2 12.2

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#80

Butylbenzylphthalate

Concen: 9.024 ng

RT: 13.539 min Scan# 1929

Delta R.T. 0.000 min

Lab File: BF143142.D

Acq: 17 Jul 2025 12:04

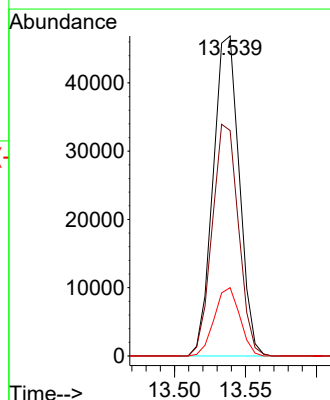
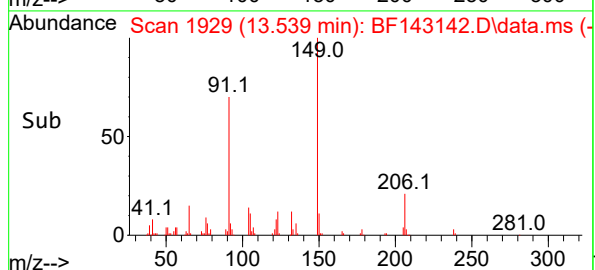
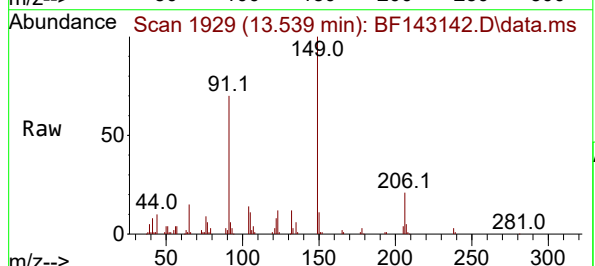
Tgt Ion:149 Resp: 60055

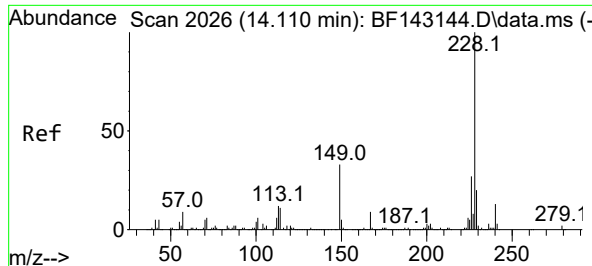
Ion Ratio Lower Upper

149 100

91 70.4 57.9 86.9

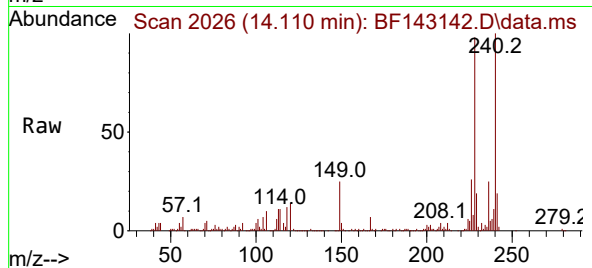
206 21.3 17.0 25.4





#81
Benzo(a)anthracene
Concen: 10.207 ng
RT: 14.110 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

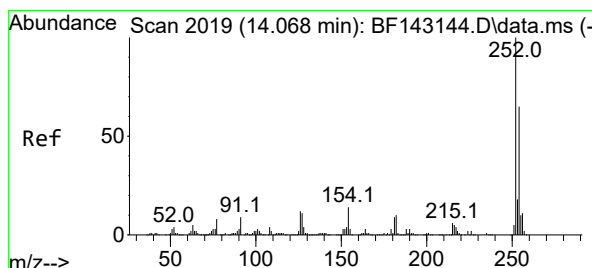
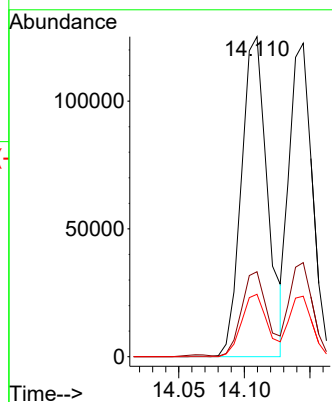
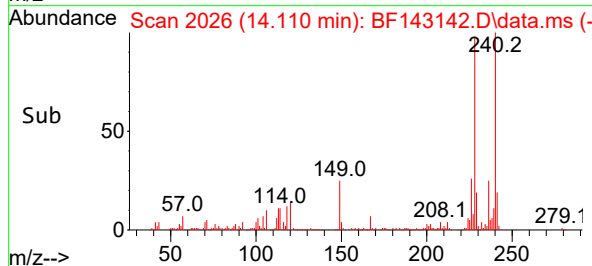
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



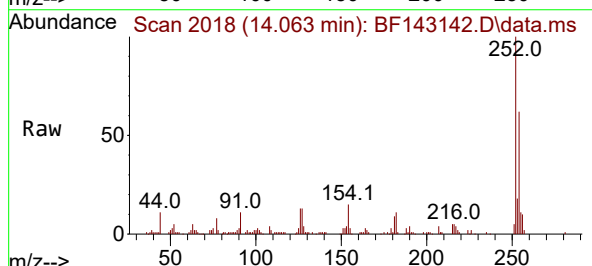
Tgt Ion:228 Resp: 174020
Ion Ratio Lower Upper
228 100
226 26.6 21.7 32.5
229 19.5 15.8 23.6

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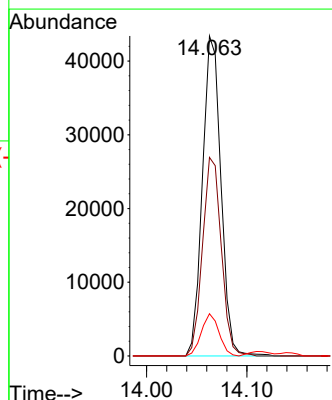
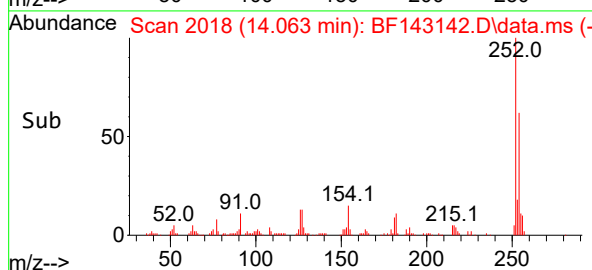
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

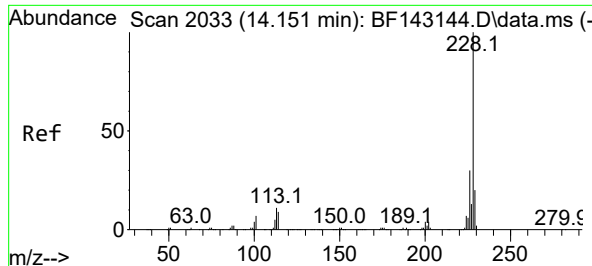


#82
3,3'-Dichlorobenzidine
Concen: 9.802 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04



Tgt Ion:252 Resp: 55694
Ion Ratio Lower Upper
252 100
254 62.0 51.7 77.5
126 13.2 9.4 14.0





#83

Chrysene

Concen: 9.750 ng

RT: 14.145 min Scan# 2033

Delta R.T. -0.006 min

Lab File: BF143142.D

Acq: 17 Jul 2025 12:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:228 Resp: 149440

Ion Ratio Lower Upper

228 100

226 30.0 23.8 35.8

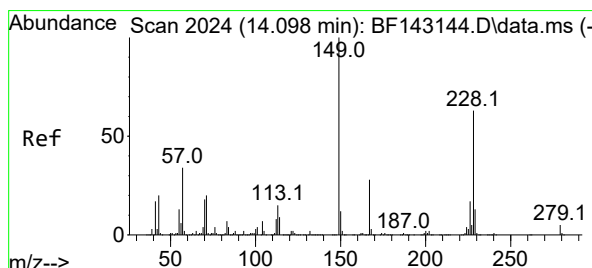
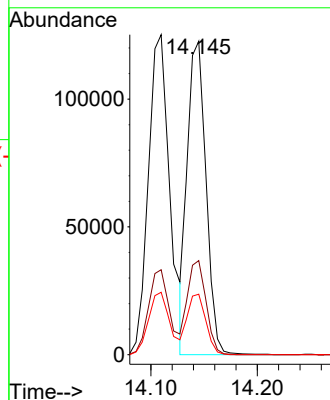
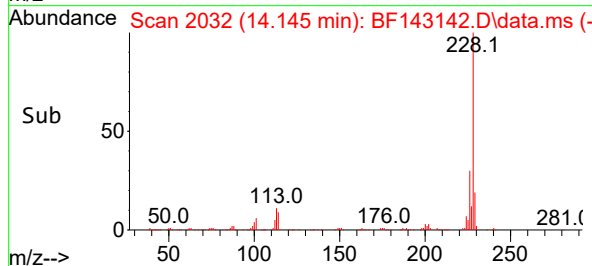
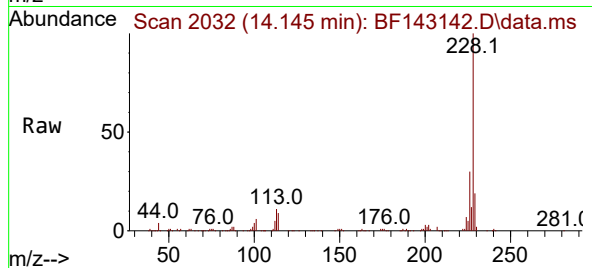
229 19.3 15.6 23.4

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.549 ng

RT: 14.098 min Scan# 2024

Delta R.T. 0.000 min

Lab File: BF143142.D

Acq: 17 Jul 2025 12:04

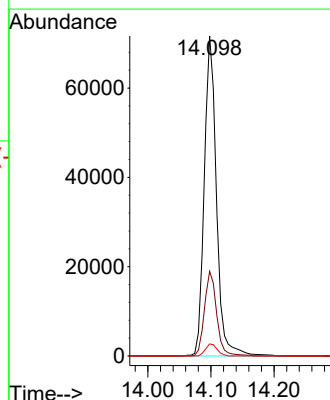
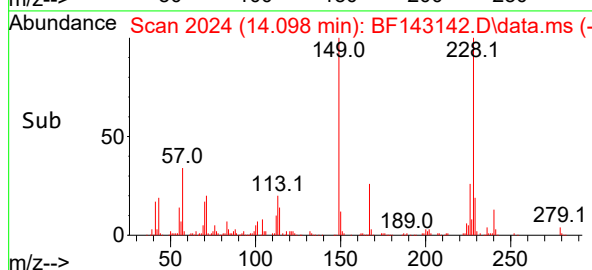
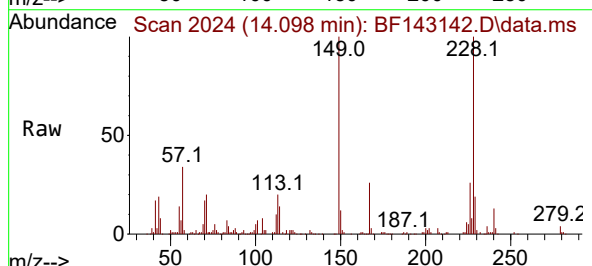
Tgt Ion:149 Resp: 96191

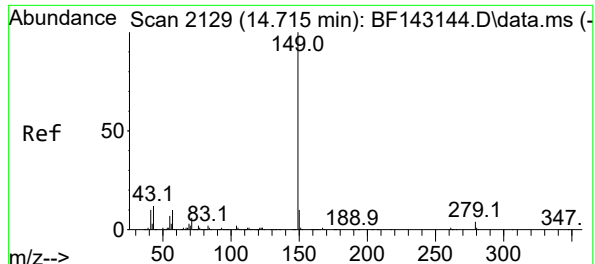
Ion Ratio Lower Upper

149 100

167 26.5 22.3 33.5

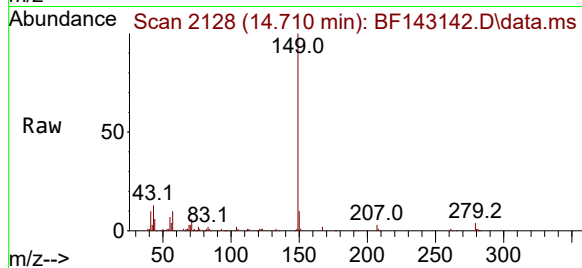
279 3.7 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 8.881 ng
RT: 14.710 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

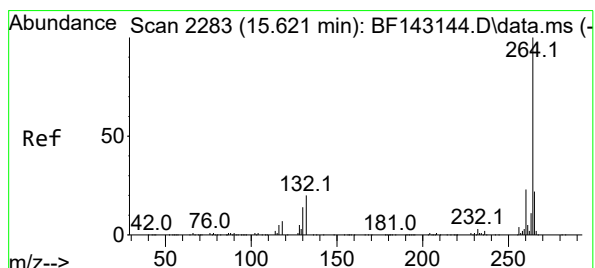
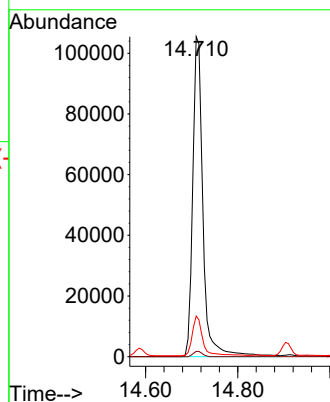
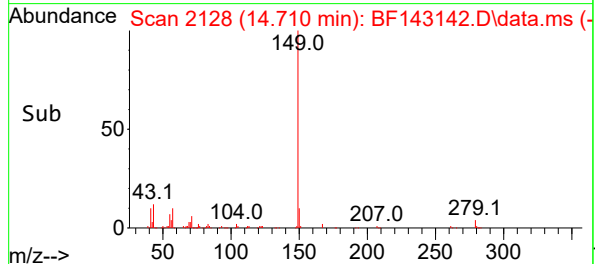
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:149 Resp: 162150
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 12.7 9.7 14.5

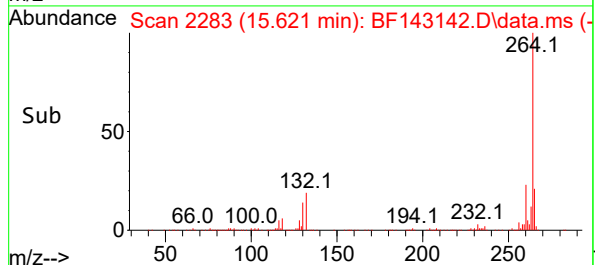
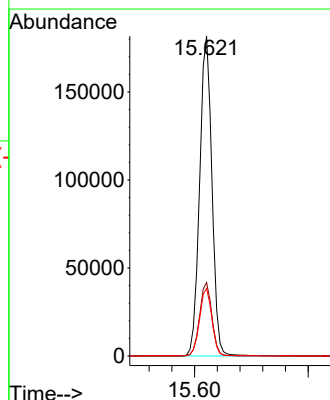
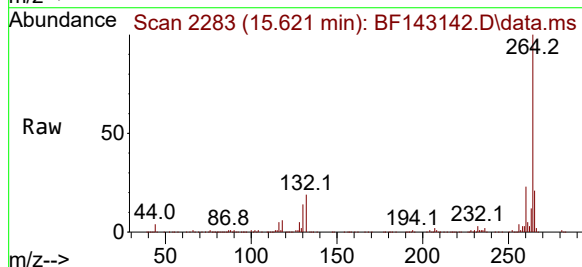
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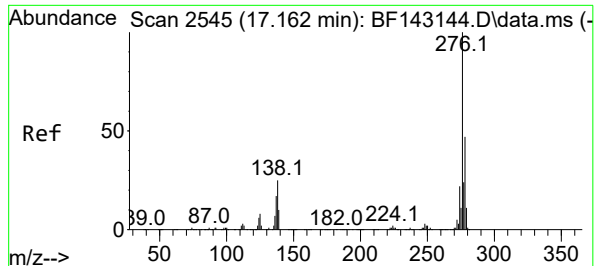
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



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

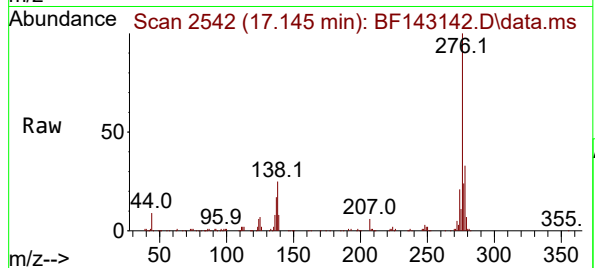
Tgt Ion:264 Resp: 273706
Ion Ratio Lower Upper
264 100
260 22.9 18.5 27.7
265 21.1 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 9.475 ng
RT: 17.145 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

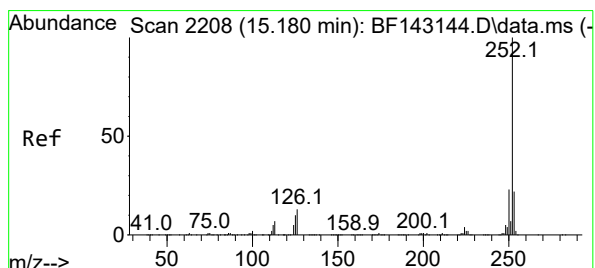
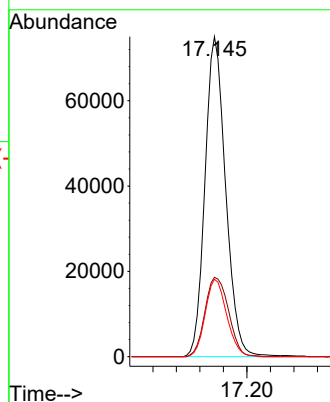
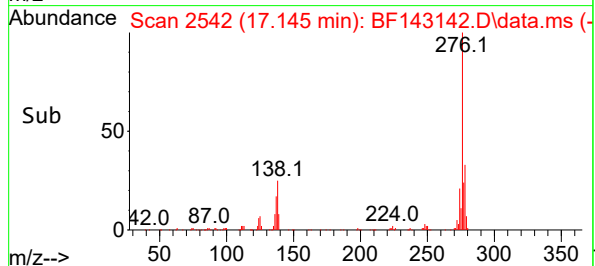
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:276 Resp: 182869
Ion Ratio Lower Upper
276 100
138 28.3 21.8 32.6
277 25.1 20.0 30.0

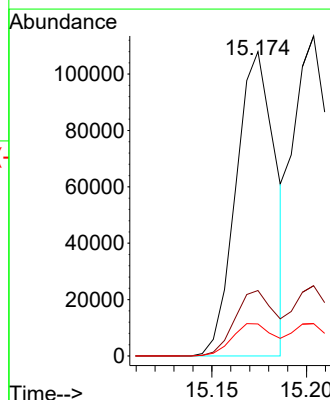
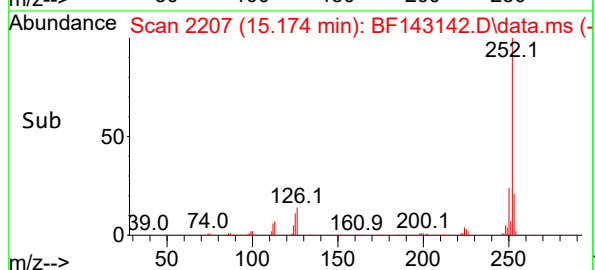
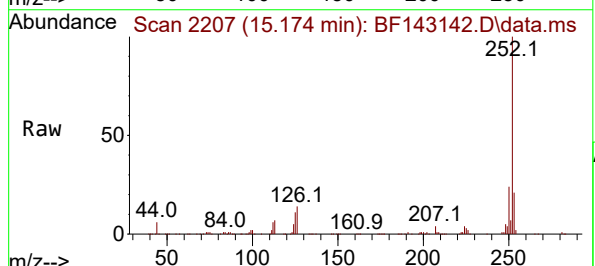
Manual Integrations
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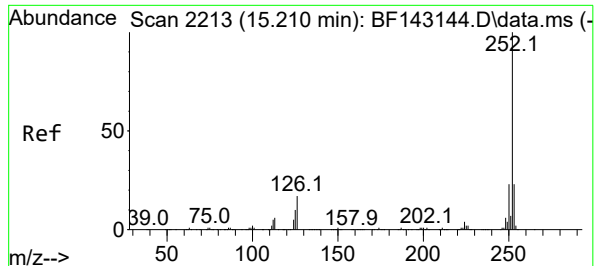
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



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

Tgt Ion:252 Resp: 155430
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 10.5 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 10.567 ng

RT: 15.204 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143142.D

Acq: 17 Jul 2025 12:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:252 Resp: 15766

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

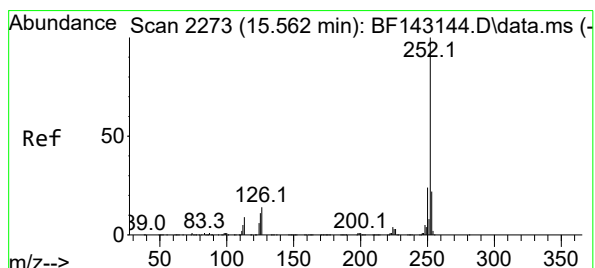
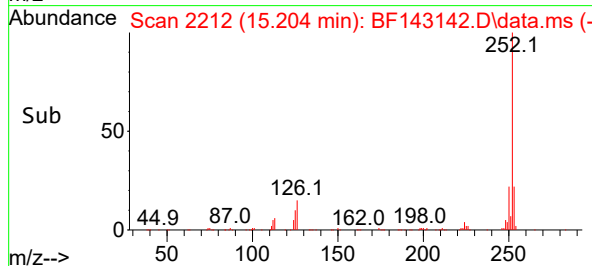
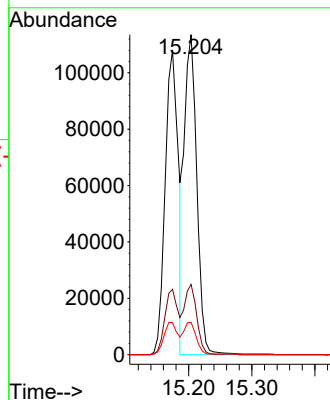
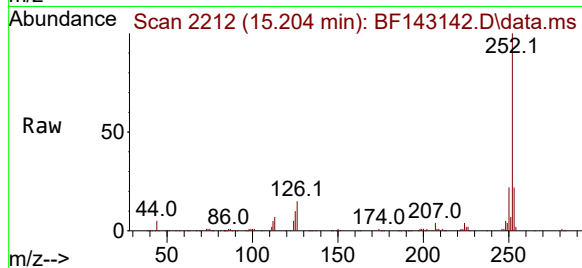
125 10.1 8.1 12.1

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#90

Benzo(a)pyrene

Concen: 9.792 ng

RT: 15.551 min Scan# 2271

Delta R.T. -0.012 min

Lab File: BF143142.D

Acq: 17 Jul 2025 12:04

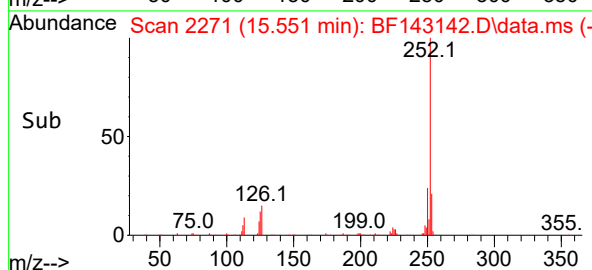
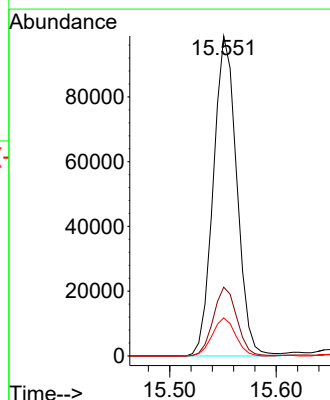
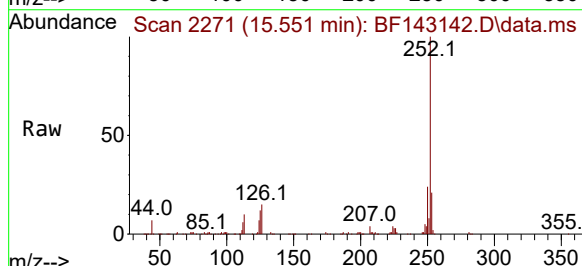
Tgt Ion:252 Resp: 150853

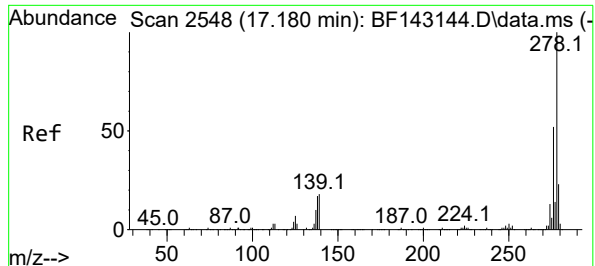
Ion Ratio Lower Upper

252 100

253 21.5 17.3 25.9

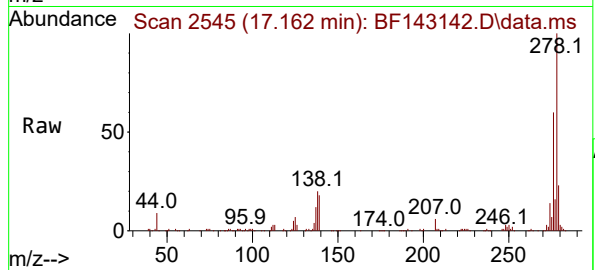
125 11.9 8.6 13.0





#91
Dibenzo(a,h)anthracene
Concen: 9.611 ng
RT: 17.162 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

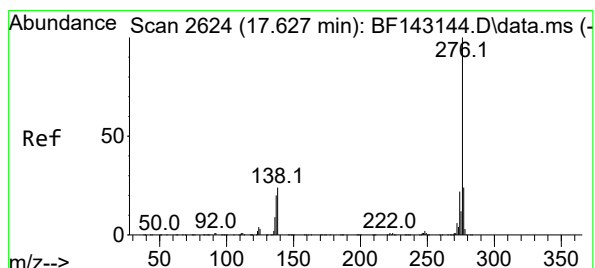
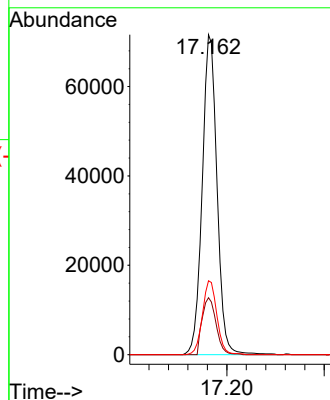
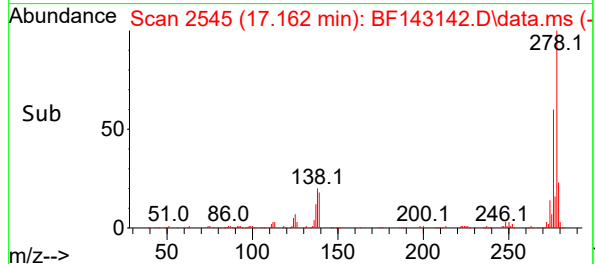
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:278 Resp: 15097
Ion Ratio Lower Upper
278 100
139 17.8 14.1 21.1
279 23.1 18.6 28.0

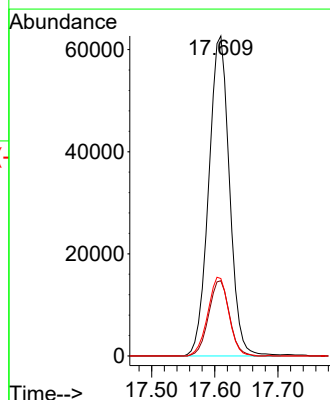
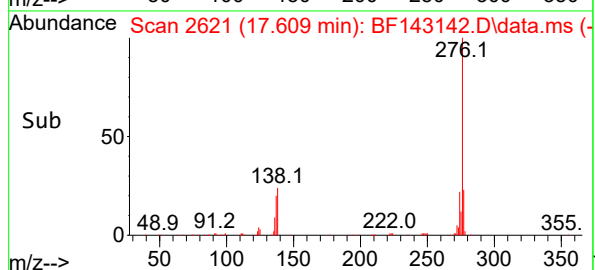
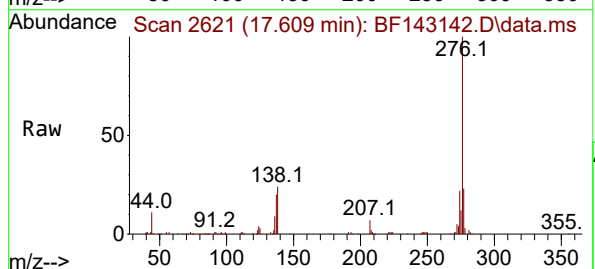
Manual Integrations
APPROVED

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



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

Tgt Ion:276 Resp: 143342
Ion Ratio Lower Upper
276 100
277 23.5 19.1 28.7
138 24.2 18.9 28.3



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

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025

Quant Time: Jul 17 15:02:41 2025

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

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Jul 17 14:54:43 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	168491	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	642580	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	329670	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	532921	20.000	ng	0.00
76) Chrysene-d12	14.121	240	305398	20.000	ng	0.00
86) Perylene-d12	15.621	264	338518	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	444546	41.752	ng	0.00
7) Phenol-d6	6.575	99	558427	41.668	ng	-0.01
23) Nitrobenzene-d5	7.516	82	535581m	41.547	ng	0.00
42) 2,4,6-Tribromophenol	10.780	330	139748	41.034	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1019688	42.301	ng	0.00
79) Terphenyl-d14	13.063	244	866830	42.238	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.810	88	103481	20.540	ng	99
3) Pyridine	3.581	79	261405	19.990	ng	99
4) n-Nitrosodimethylamine	3.510	42	134638	19.942	ng	99
6) Aniline	6.622	93	382991	20.505	ng	99
8) 2-Chlorophenol	6.745	128	231044	20.702	ng	98
9) Benzaldehyde	6.510	77	196003	19.504	ng	98
10) Phenol	6.593	94	299259m	20.497	ng	
11) bis(2-Chloroethyl)ether	6.692	93	232425	20.792	ng	98
12) 1,3-Dichlorobenzene	6.904	146	251734	20.763	ng	99
13) 1,4-Dichlorobenzene	6.981	146	253137	20.733	ng	100
14) 1,2-Dichlorobenzene	7.134	146	243437	20.963	ng	99
15) Benzyl Alcohol	7.092	79	210016	20.524	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	428827	20.680	ng	100
17) 2-Methylphenol	7.198	107	192172	20.479	ng	99
18) Hexachloroethane	7.481	117	88036	20.828	ng	98
19) n-Nitroso-di-n-propyla...	7.363	70	173142	20.137	ng	97
20) 3+4-Methylphenols	7.351	107	247578	21.745	ng	96
22) Acetophenone	7.363	105	321774	21.151	ng	# 99
24) Nitrobenzene	7.534	77	249251	20.739	ng	98
25) Isophorone	7.775	82	457146	20.088	ng	99
26) 2-Nitrophenol	7.851	139	105681	20.261	ng	98
27) 2,4-Dimethylphenol	7.887	122	218960	20.594	ng	99
28) bis(2-Chloroethoxy)met...	7.987	93	283946	20.811	ng	100
29) 2,4-Dichlorophenol	8.092	162	184432	20.569	ng	99
30) 1,2,4-Trichlorobenzene	8.181	180	204103	21.070	ng	98
31) Naphthalene	8.263	128	662968	20.949	ng	100
32) Benzoic acid	7.957	122	95515m	19.382	ng	
33) 4-Chloroaniline	8.304	127	269101	20.825	ng	99
34) Hexachlorobutadiene	8.386	225	122624	20.722	ng	98
35) Caprolactam	8.651	113	53950	19.911	ng	95
36) 4-Chloro-3-methylphenol	8.775	107	197317	20.246	ng	99
37) 2-Methylnaphthalene	8.957	142	403298	20.943	ng	100
38) 1-Methylnaphthalene	9.057	142	417629	21.060	ng	100
40) 1,2,4,5-Tetrachloroben...	9.122	216	198009	20.804	ng	99
41) Hexachlorocyclopentadiene	9.116	237	122922	19.848	ng	100
43) 2,4,6-Trichlorophenol	9.228	196	135703	20.601	ng	100

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

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

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

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

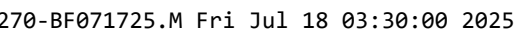
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.263	196	135634	20.584	ng	99
46) 1,1'-Biphenyl	9.416	154	540637	21.019	ng	100
47) 2-Chloronaphthalene	9.445	162	393002	20.650	ng	99
48) 2-Nitroaniline	9.528	65	122517	20.528	ng	99
49) Acenaphthylene	9.857	152	663048	20.789	ng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

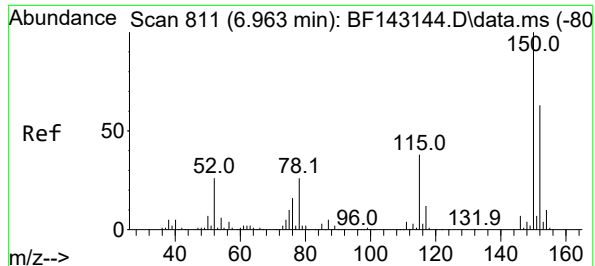
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

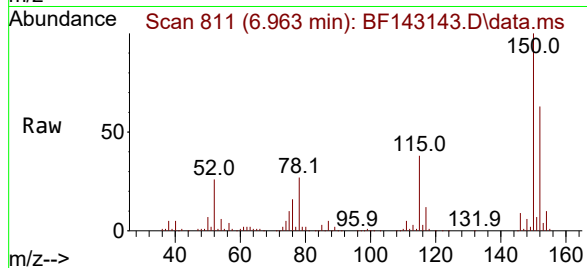
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jaagrut Upadhyay 07/18/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

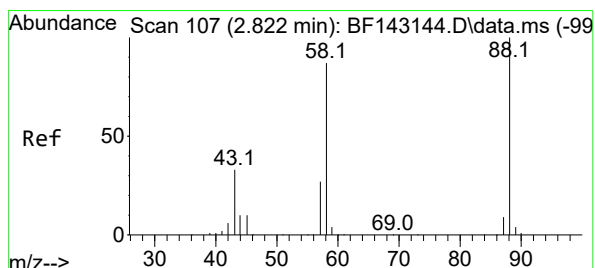
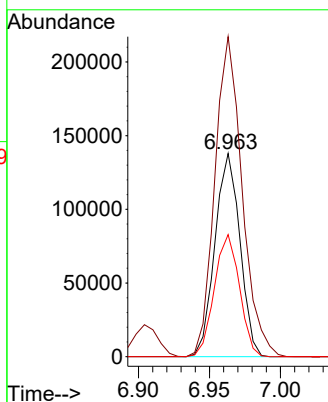
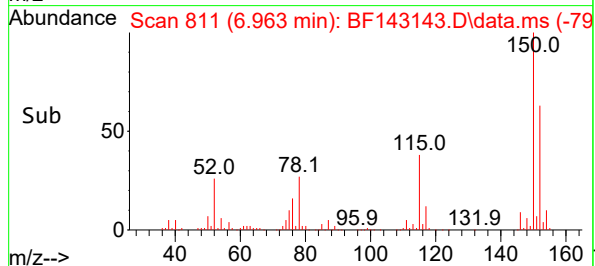
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:152 Resp: 16849
Ion Ratio Lower Upper
152 100
150 157.5 128.2 192.4
115 60.1 47.9 71.9

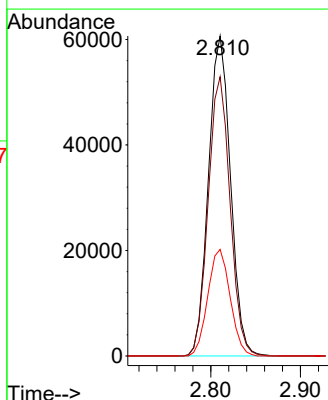
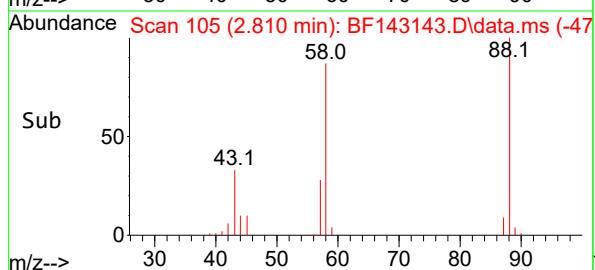
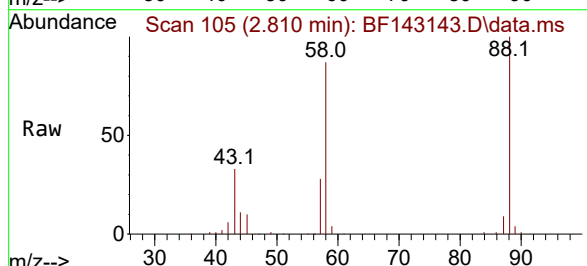
Manual Integrations
APPROVED

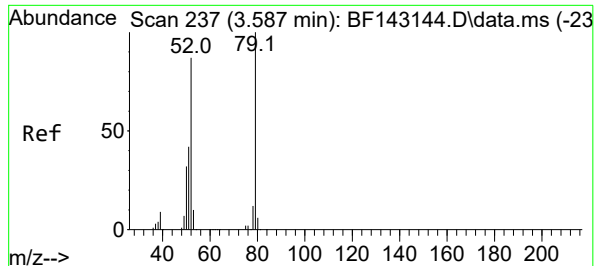
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



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

Tgt Ion: 88 Resp: 103481
Ion Ratio Lower Upper
88 100
58 86.7 70.2 105.2
43 33.8 27.1 40.7





#3

Pyridine

Concen: 19.990 ng

RT: 3.581 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143143.D

Acq: 17 Jul 2025 12:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 79 Resp: 26140

Ion Ratio Lower Upper

79 100

52 85.9 69.4 104.2

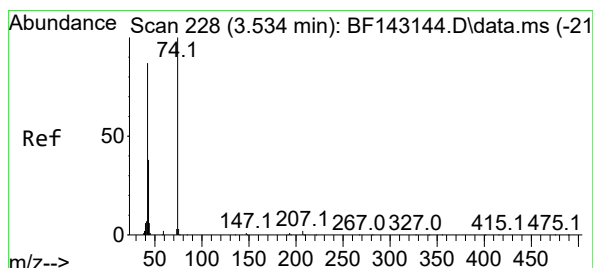
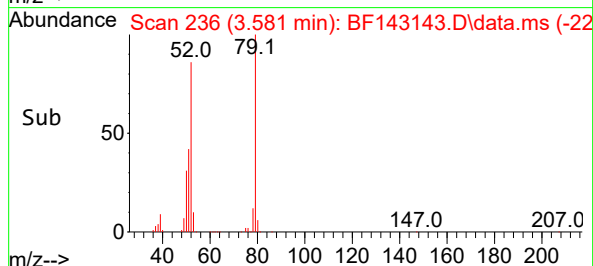
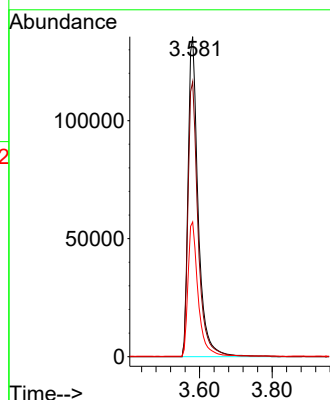
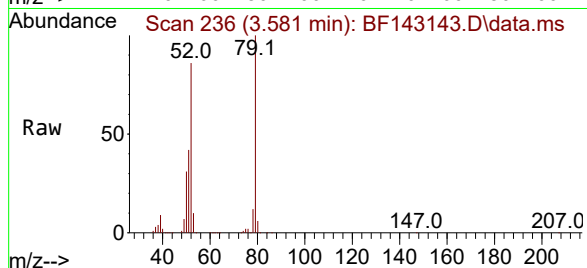
51 42.1 33.5 50.3

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#4

n-Nitrosodimethylamine

Concen: 19.942 ng

RT: 3.510 min Scan# 224

Delta R.T. -0.023 min

Lab File: BF143143.D

Acq: 17 Jul 2025 12:34

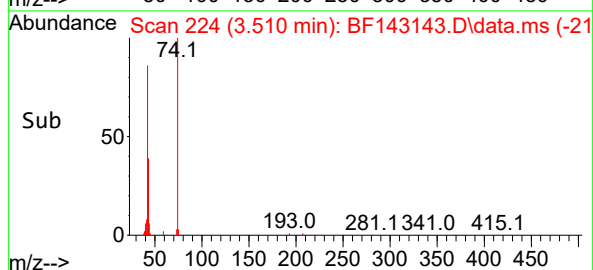
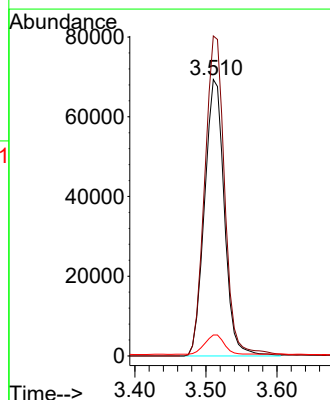
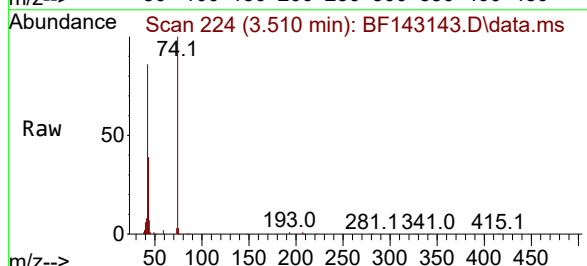
Tgt Ion: 42 Resp: 134638

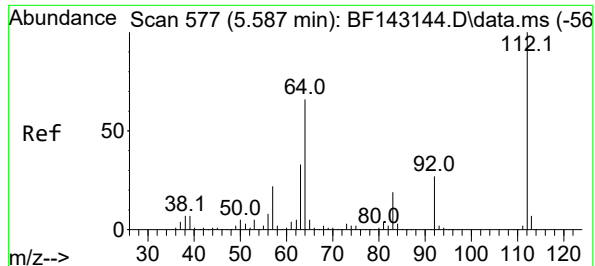
Ion Ratio Lower Upper

42 100

74 115.7 91.7 137.5

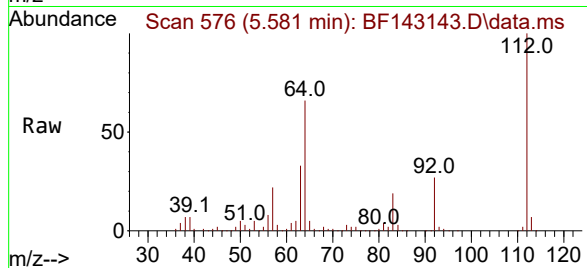
44 7.6 5.6 8.4





#5
2-Fluorophenol
Concen: 41.752 ng
RT: 5.581 min Scan# 511
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

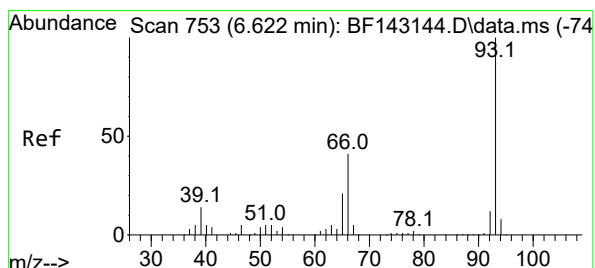
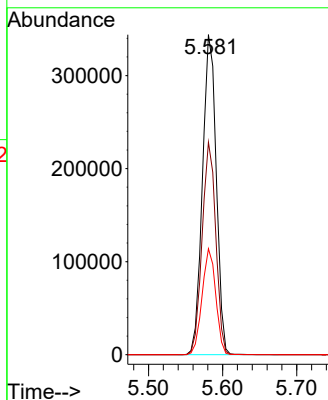
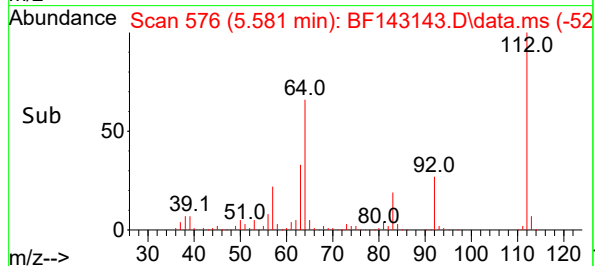
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:112 Resp: 444540
Ion Ratio Lower Upper
112 100
64 66.4 53.1 79.7
63 33.1 26.6 40.0

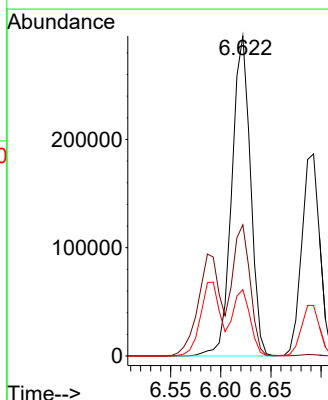
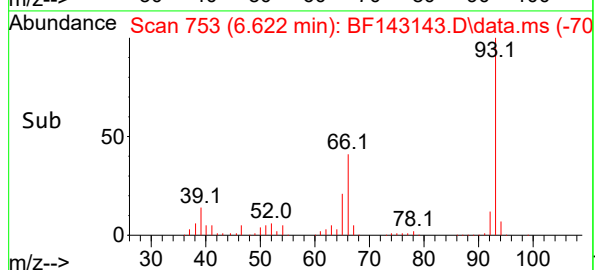
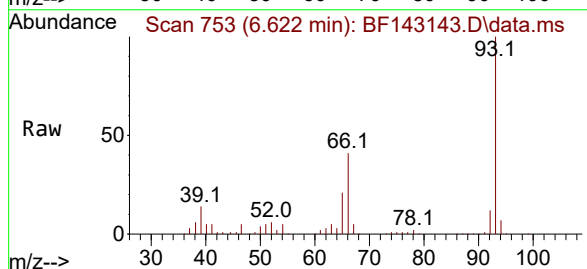
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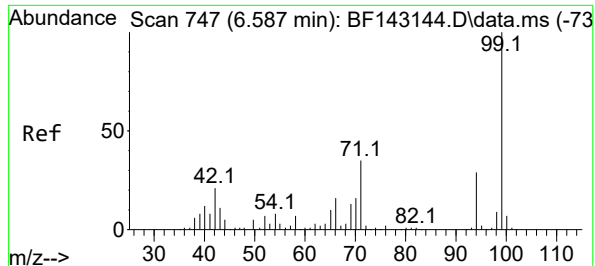
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



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

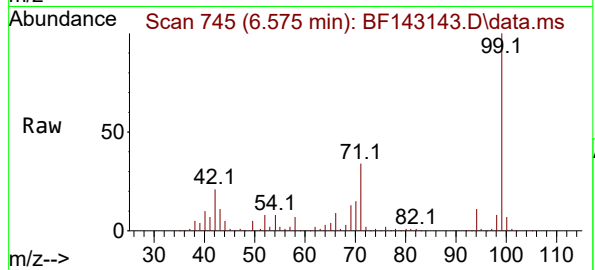
Tgt Ion: 93 Resp: 382991
Ion Ratio Lower Upper
93 100
66 41.0 33.2 49.8
65 20.7 16.9 25.3





#7
Phenol-d6
Concen: 41.668 ng
RT: 6.575 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

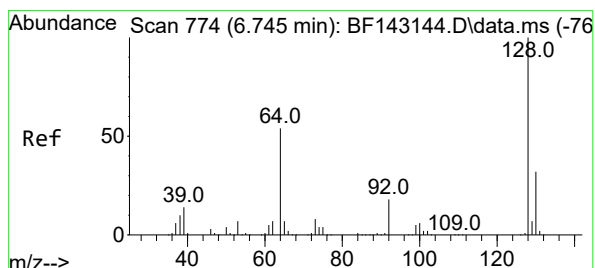
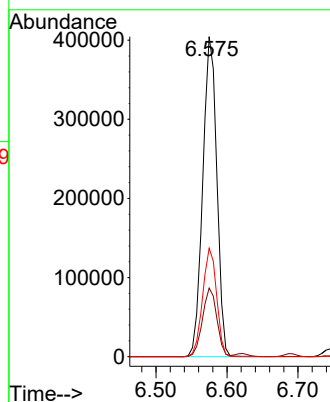
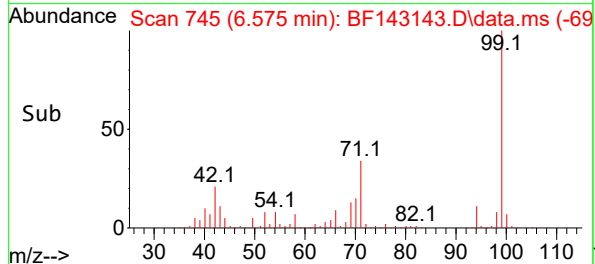
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion: 99 Resp: 55842
Ion Ratio Lower Upper
99 100
42 21.5 17.0 25.6
71 33.9 27.7 41.5

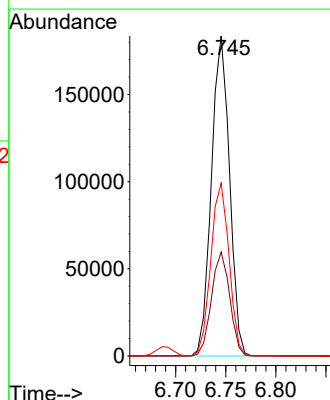
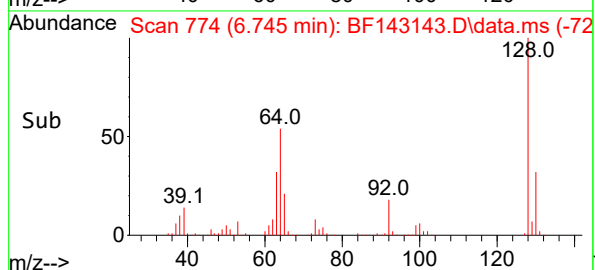
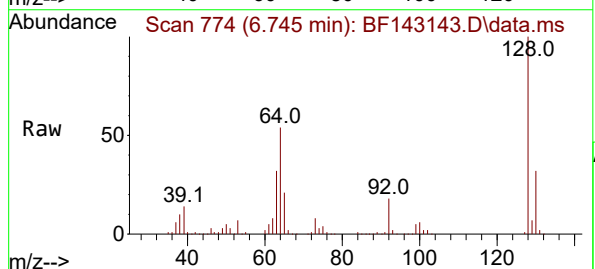
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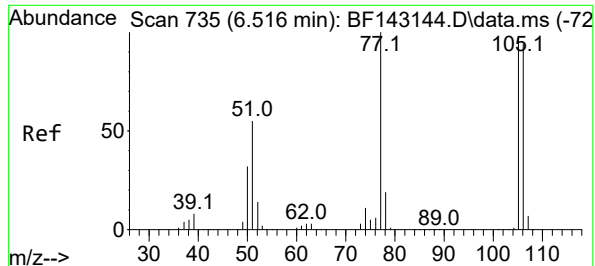
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



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

Tgt Ion:128 Resp: 231044
Ion Ratio Lower Upper
128 100
130 32.5 12.3 52.3
64 54.0 35.9 75.9





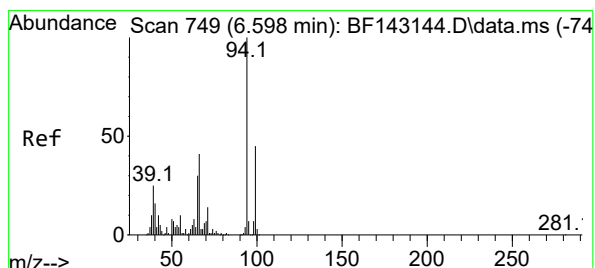
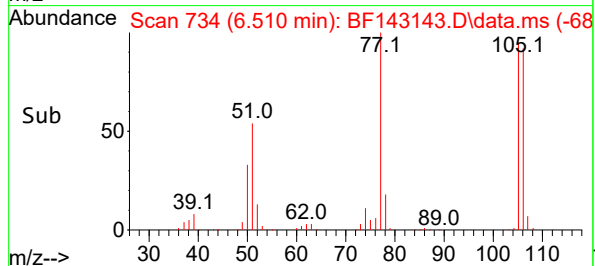
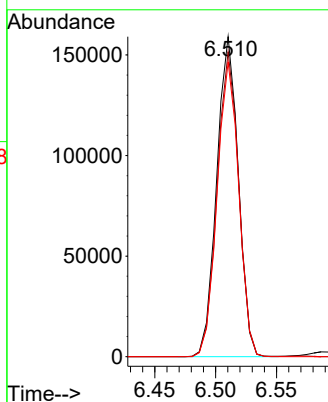
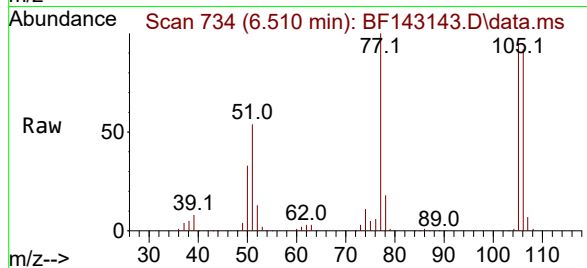
#9
Benzaldehyde
Concen: 19.504 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 77 Resp: 19600
Ion Ratio Lower Upper
77 100
105 95.3 76.8 116.8
106 92.0 74.4 114.4

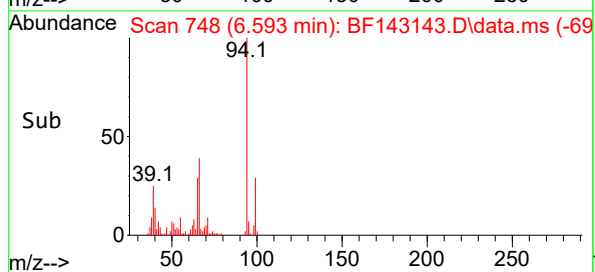
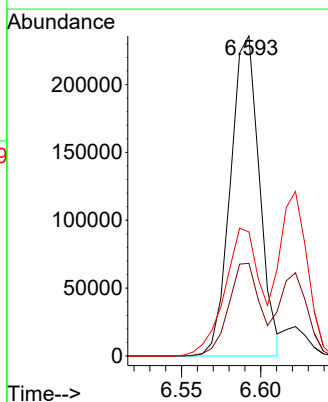
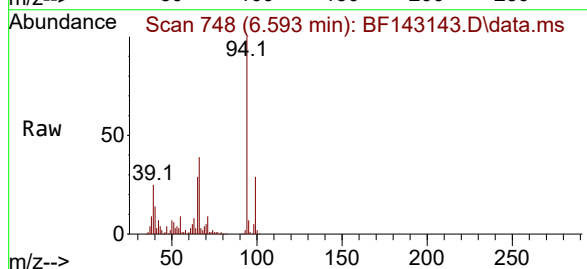
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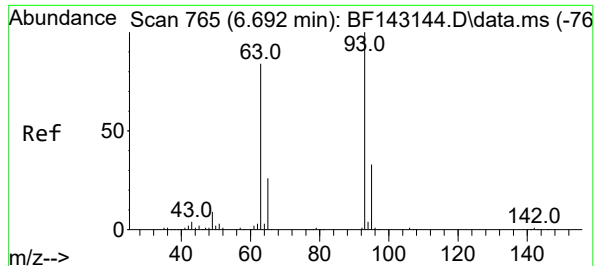
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



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

Tgt Ion: 94 Resp: 299259
Ion Ratio Lower Upper
94 100
65 29.0 10.0 50.0
66 38.8 20.8 60.8





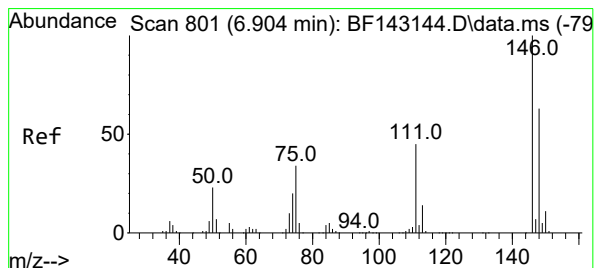
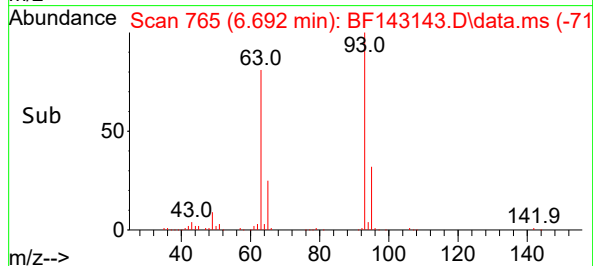
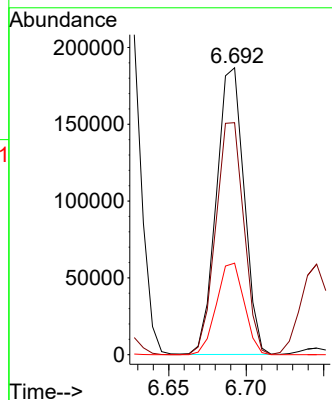
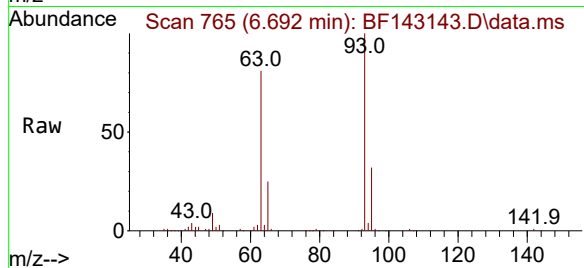
#11
bis(2-Chloroethyl)ether
Concen: 20.792 ng
RT: 6.692 min Scan# 765
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 93 Resp: 232425
Ion Ratio Lower Upper
93 100
63 80.9 63.4 103.4
95 31.9 12.4 52.4

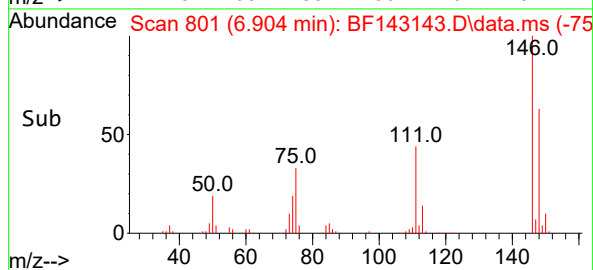
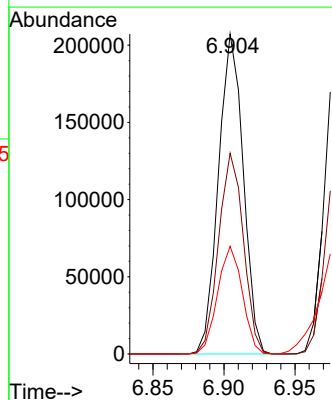
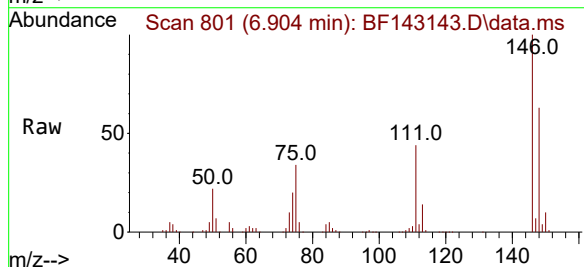
Manual Integrations
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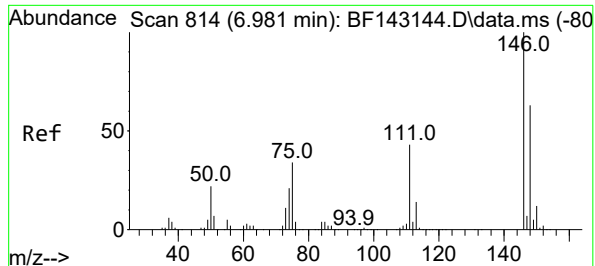
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



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

Tgt Ion:146 Resp: 251734
Ion Ratio Lower Upper
146 100
148 62.7 50.6 76.0
75 33.7 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 20.733 ng

RT: 6.981 min Scan# 814

Delta R.T. 0.000 min

Lab File: BF143143.D

Acq: 17 Jul 2025 12:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:146 Resp: 25313

Ion Ratio Lower Upper

146 100

148 62.9 50.3 75.5

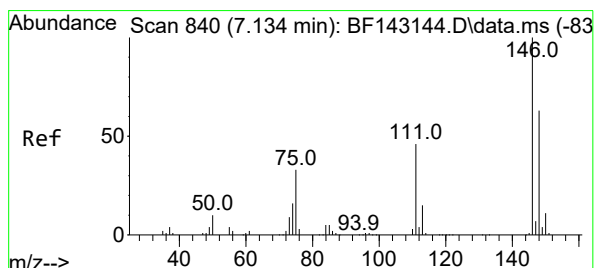
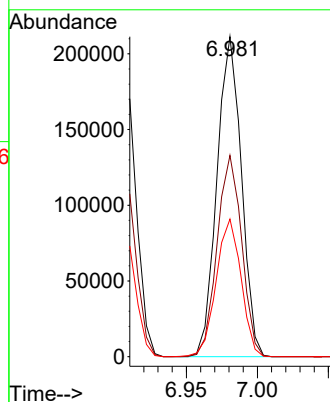
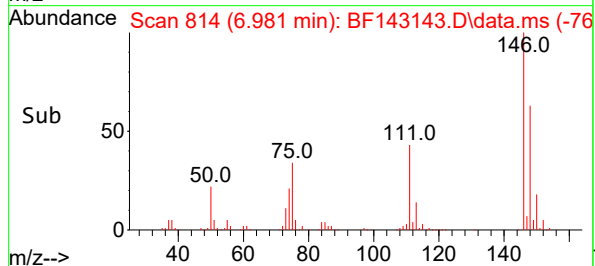
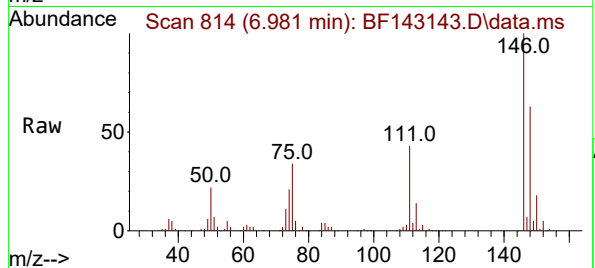
111 43.0 34.4 51.6

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#14

1,2-Dichlorobenzene

Concen: 20.963 ng

RT: 7.134 min Scan# 840

Delta R.T. 0.000 min

Lab File: BF143143.D

Acq: 17 Jul 2025 12:34

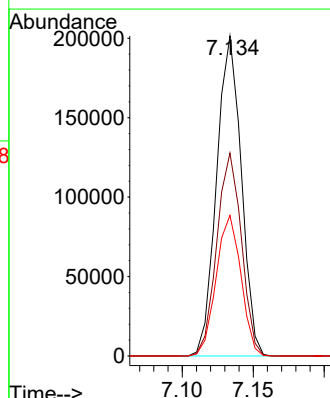
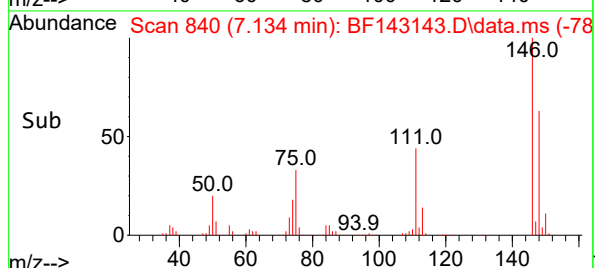
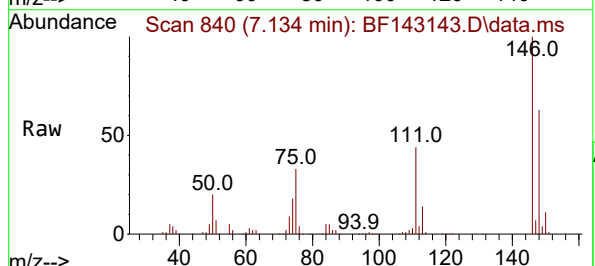
Tgt Ion:146 Resp: 243437

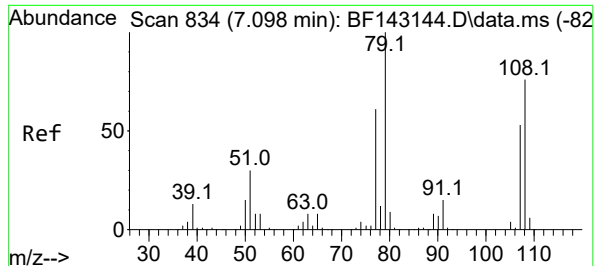
Ion Ratio Lower Upper

146 100

148 63.4 50.7 76.1

111 44.0 36.6 54.8





#15

Benzyl Alcohol

Concen: 20.524 ng

RT: 7.092 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF143143.D

Acq: 17 Jul 2025 12:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 79 Resp: 210010

Ion Ratio Lower Upper

79 100

108 75.0 61.1 91.7

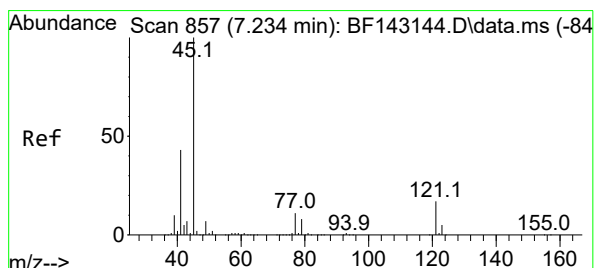
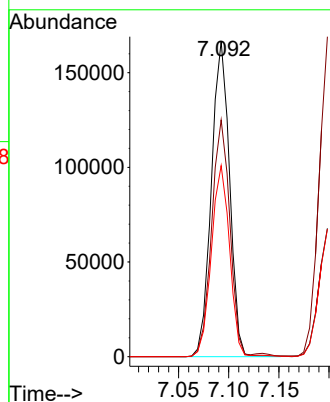
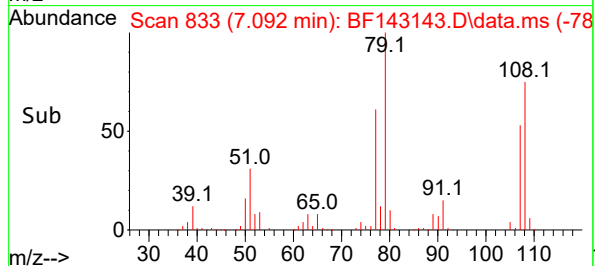
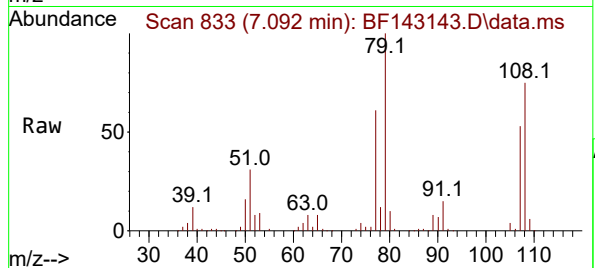
77 60.5 48.9 73.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 20.680 ng

RT: 7.234 min Scan# 857

Delta R.T. 0.000 min

Lab File: BF143143.D

Acq: 17 Jul 2025 12:34

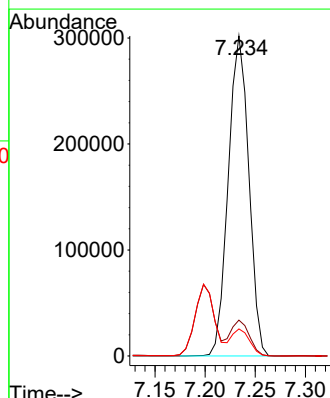
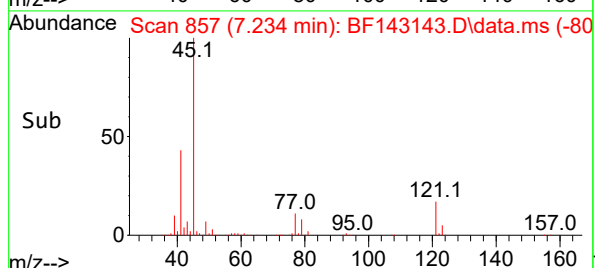
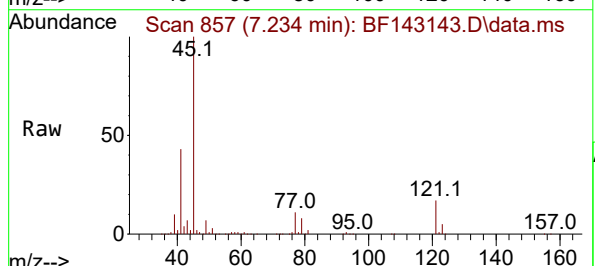
Tgt Ion: 45 Resp: 428827

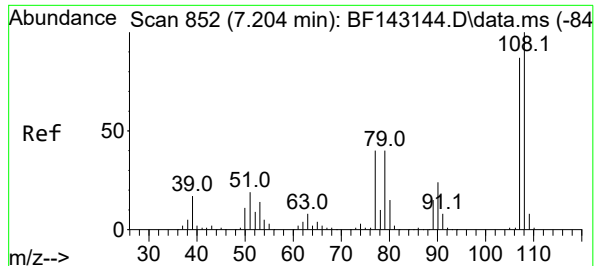
Ion Ratio Lower Upper

45 100

77 11.2 0.0 31.2

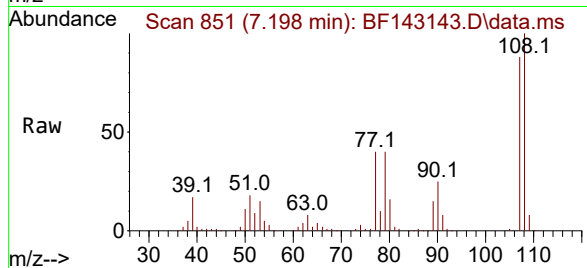
79 8.4 0.0 28.5





#17
2-Methylphenol
Concen: 20.479 ng
RT: 7.198 min Scan# 851
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

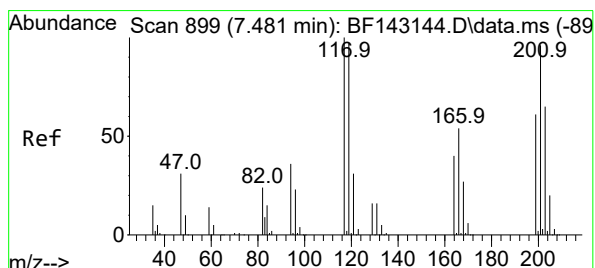
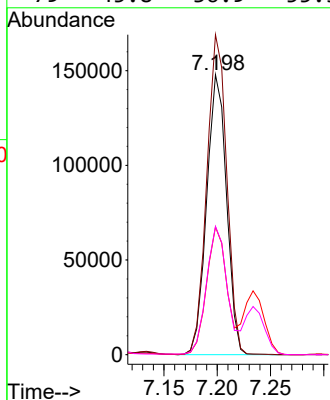
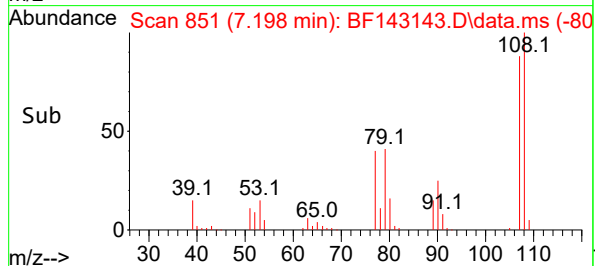
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:107 Resp: 192172
Ion Ratio Lower Upper
107 100
108 114.3 91.8 137.6
77 45.6 37.0 55.6
79 45.8 36.9 55.3

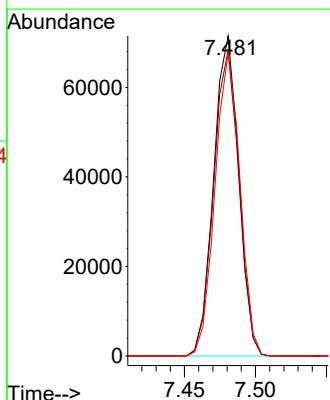
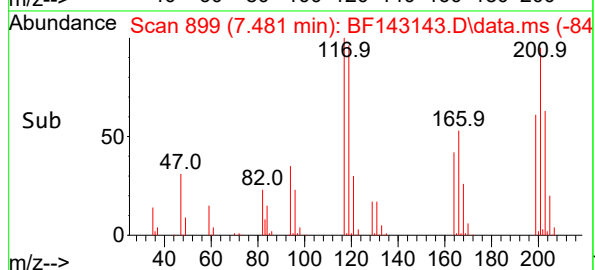
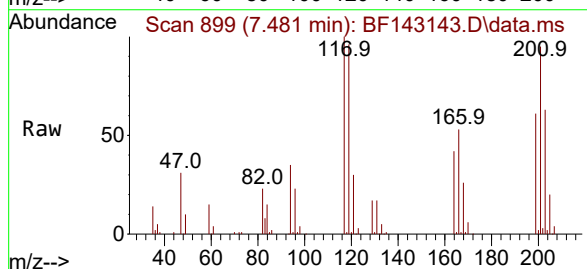
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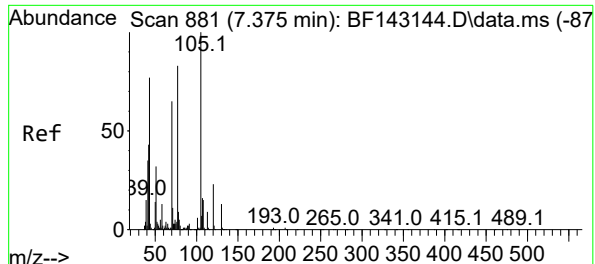
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



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

Tgt Ion:117 Resp: 88036
Ion Ratio Lower Upper
117 100
119 95.5 77.8 116.8
201 94.8 77.0 115.4





#19

n-Nitroso-di-n-propylamine

Concen: 20.137 ng

RT: 7.363 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF143143.D

Acq: 17 Jul 2025 12:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 70 Resp: 17314

Ion Ratio Lower Upper

70 100

42 68.6 52.5 78.7

101 9.4 7.6 11.4

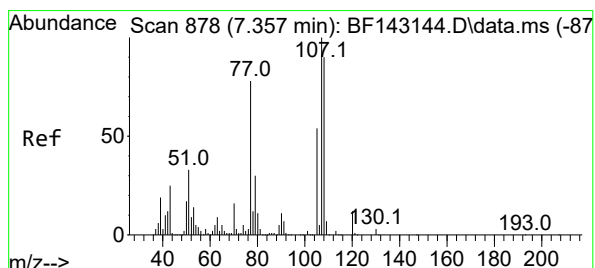
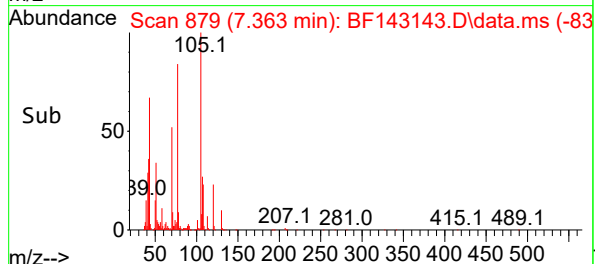
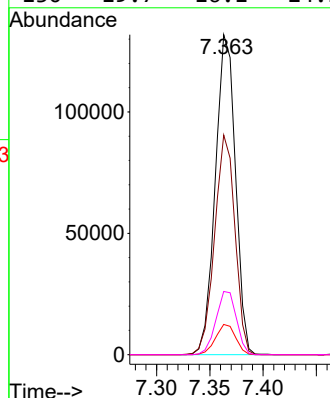
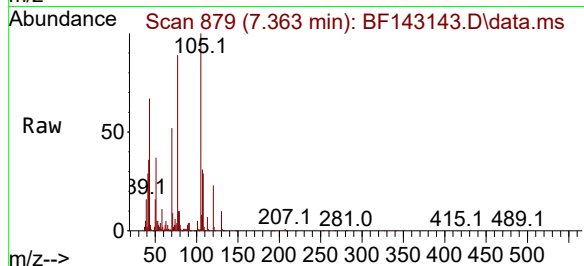
130 19.7 16.1 24.1

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#20

3+4-Methylphenols

Concen: 21.745 ng

RT: 7.351 min Scan# 877

Delta R.T. -0.006 min

Lab File: BF143143.D

Acq: 17 Jul 2025 12:34

Tgt Ion:107 Resp: 247578

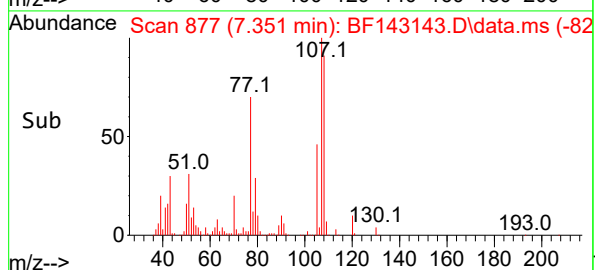
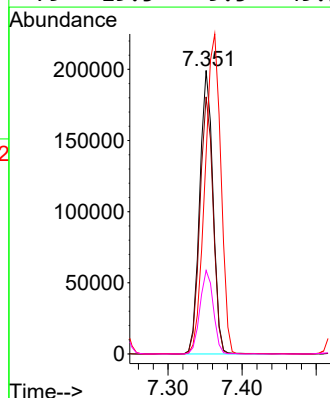
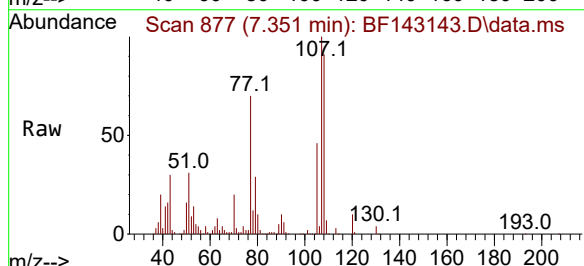
Ion Ratio Lower Upper

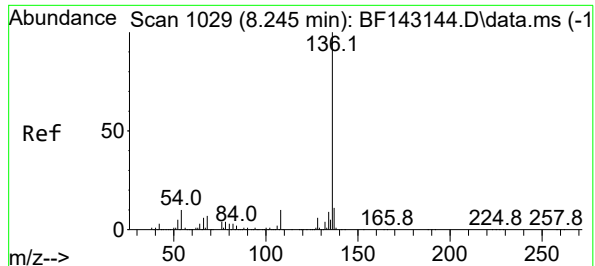
107 100

108 90.7 70.0 110.0

77 70.4 57.8 97.8

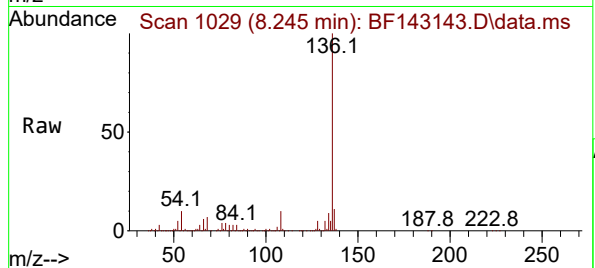
79 29.5 9.5 49.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

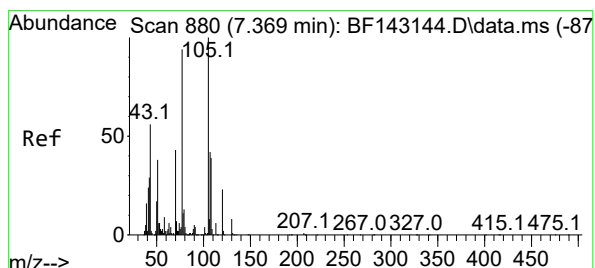
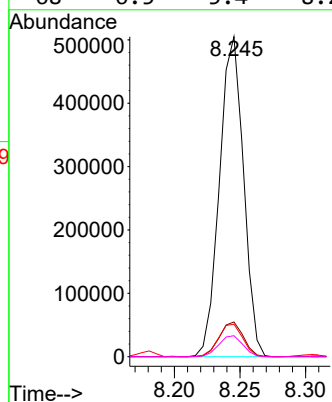
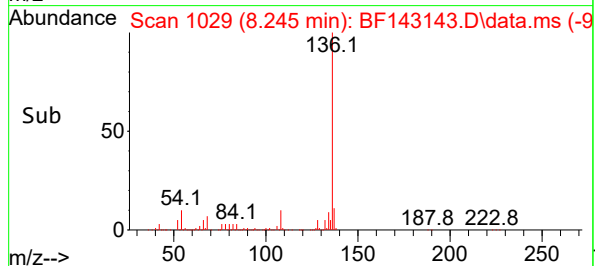
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:136 Resp: 642580
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 10.2 8.2 12.2
68 6.5 5.4 8.2

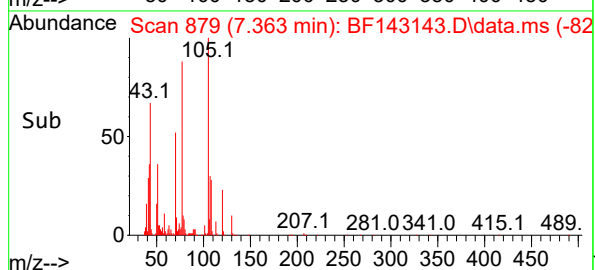
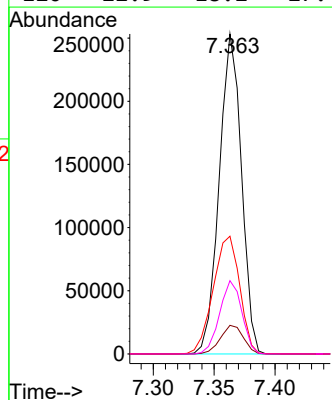
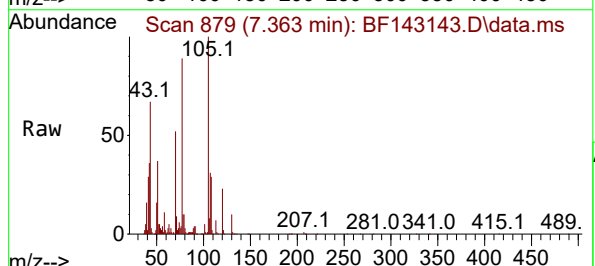
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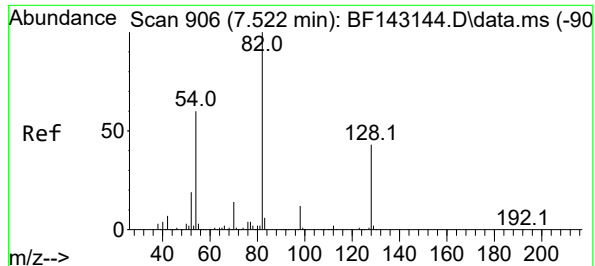
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



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

Tgt Ion:105 Resp: 321774
Ion Ratio Lower Upper
105 100
71 9.0 5.8 8.6#
51 36.8 30.2 45.2
120 22.9 18.2 27.4





#23
Nitrobenzene-d5
Concen: 41.547 ng m
RT: 7.516 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :

BNA_F

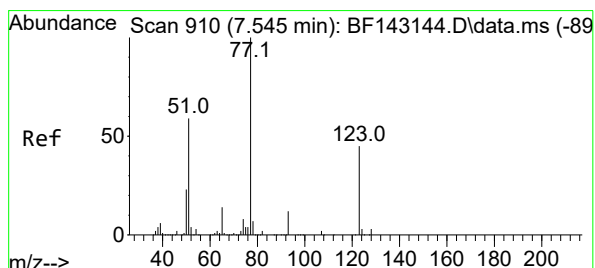
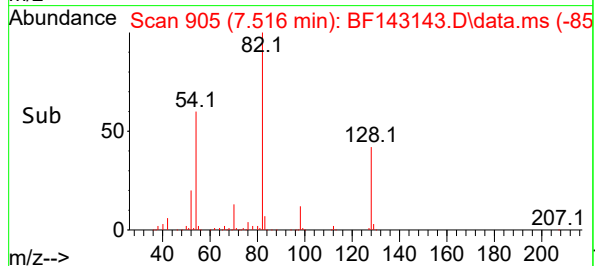
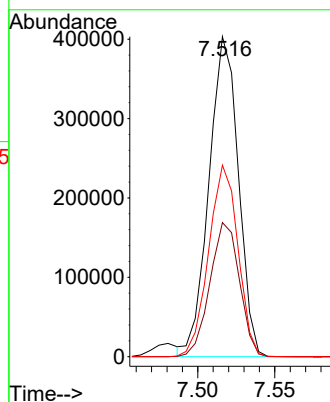
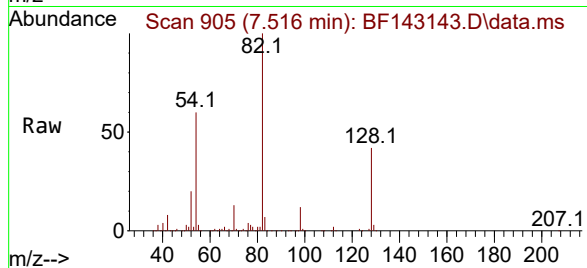
ClientSampleId :

SSTDICC020

Tgt Ion: 82 Resp: 53558
Ion Ratio Lower Upper
82 100
128 41.9 33.6 50.4
54 59.8 47.1 70.7

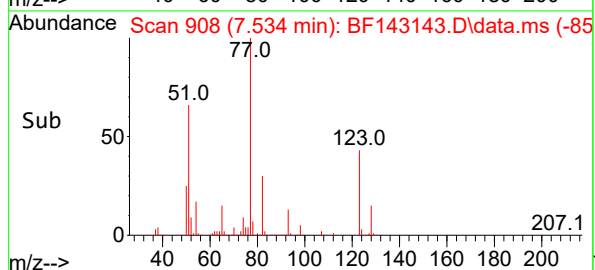
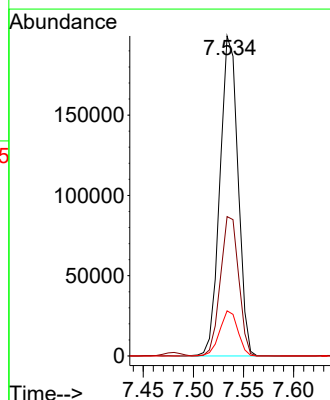
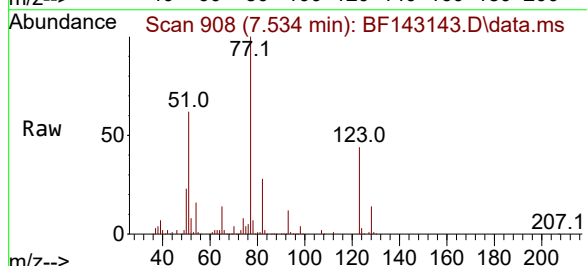
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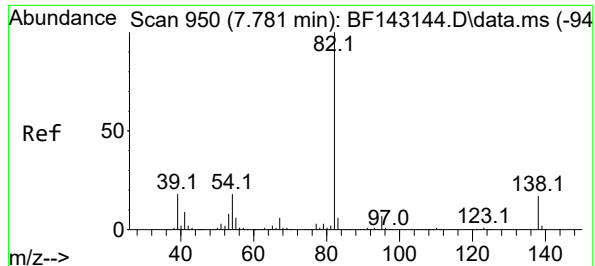
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



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

Tgt Ion: 77 Resp: 249251
Ion Ratio Lower Upper
77 100
123 43.5 36.1 54.1
65 14.1 11.4 17.2





#25

Isophorone

Concen: 20.088 ng

RT: 7.775 min Scan# 949

Delta R.T. -0.006 min

Lab File: BF143143.D

Acq: 17 Jul 2025 12:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 82 Resp: 457140

Ion Ratio Lower Upper

82 100

95 6.9 5.5 8.3

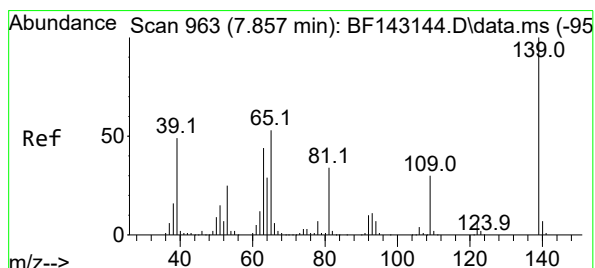
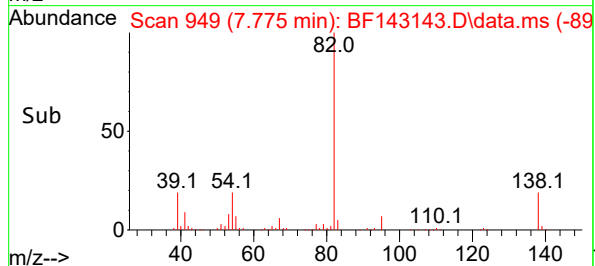
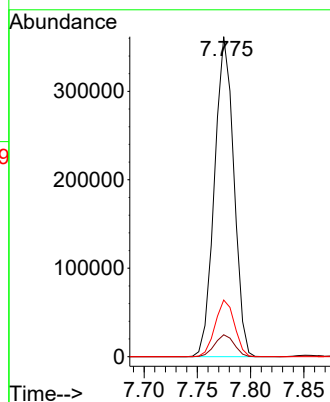
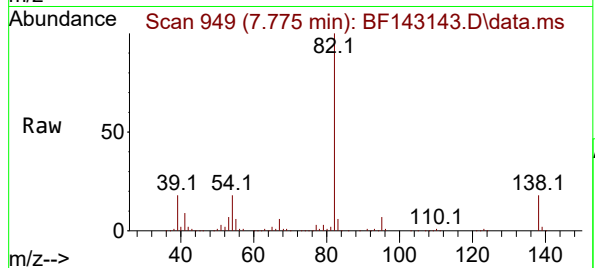
138 17.7 13.8 20.8

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Supervised By :Jagrut Upadhyay 07/18/2025



#26

2-Nitrophenol

Concen: 20.261 ng

RT: 7.851 min Scan# 962

Delta R.T. -0.006 min

Lab File: BF143143.D

Acq: 17 Jul 2025 12:34

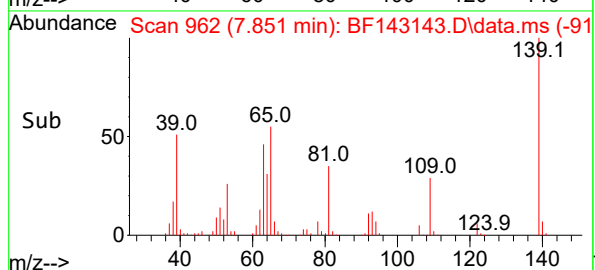
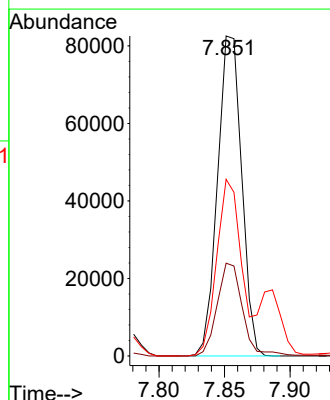
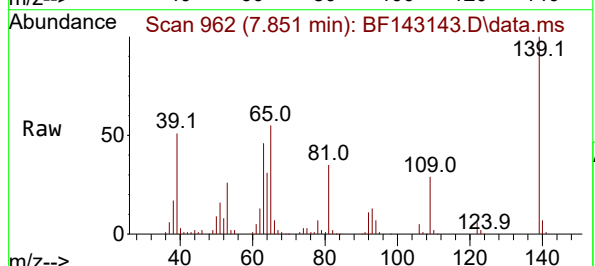
Tgt Ion:139 Resp: 105681

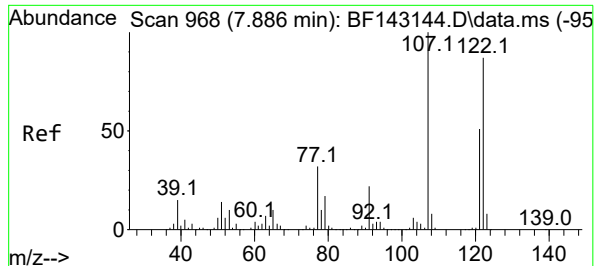
Ion Ratio Lower Upper

139 100

109 29.0 23.6 35.4

65 55.2 42.6 64.0





#27

2,4-Dimethylphenol

Concen: 20.594 ng

RT: 7.887 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF143143.D

Acq: 17 Jul 2025 12:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:122 Resp: 218960

Ion Ratio Lower Upper

122 100

107 114.5 91.8 137.6

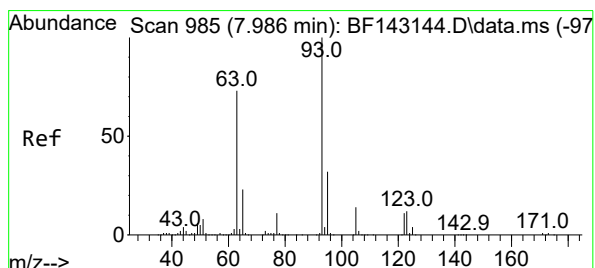
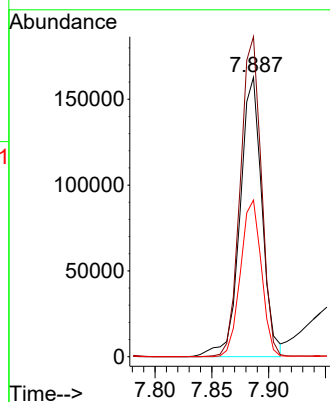
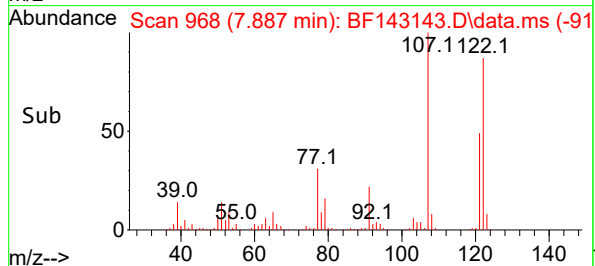
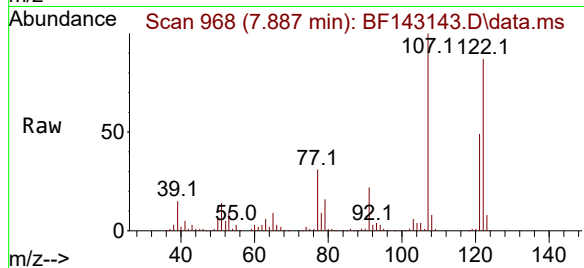
121 56.1 46.3 69.5

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#28

bis(2-Chloroethoxy)methane

Concen: 20.811 ng

RT: 7.987 min Scan# 985

Delta R.T. 0.000 min

Lab File: BF143143.D

Acq: 17 Jul 2025 12:34

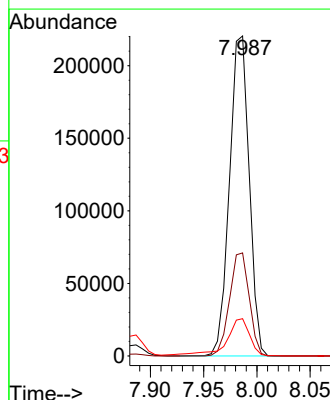
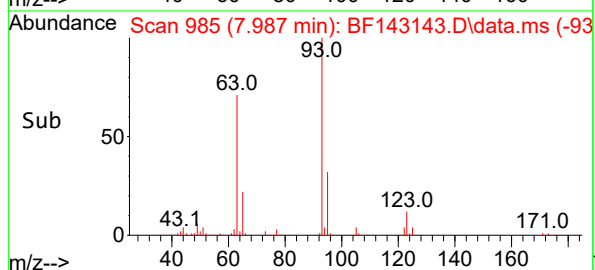
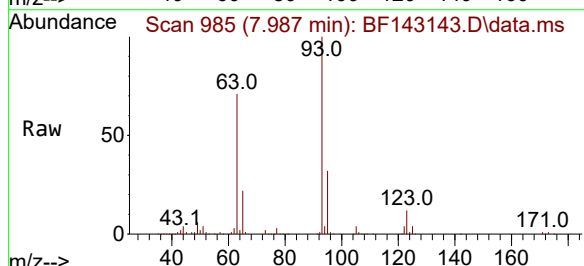
Tgt Ion: 93 Resp: 283946

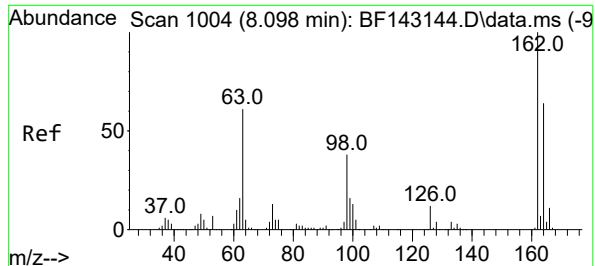
Ion Ratio Lower Upper

93 100

95 32.2 25.8 38.6

123 11.6 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 20.569 ng

RT: 8.092 min Scan# 1003

Delta R.T. -0.006 min

Lab File: BF143143.D

Acq: 17 Jul 2025 12:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:162 Resp: 18443

Ion Ratio Lower Upper

162 100

164 64.4 44.2 84.2

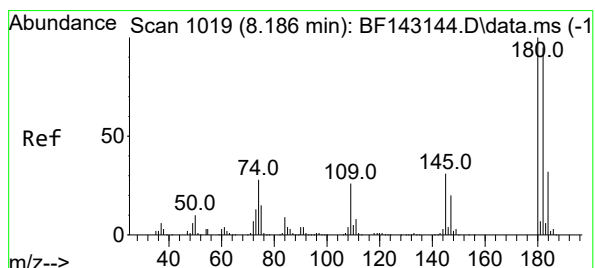
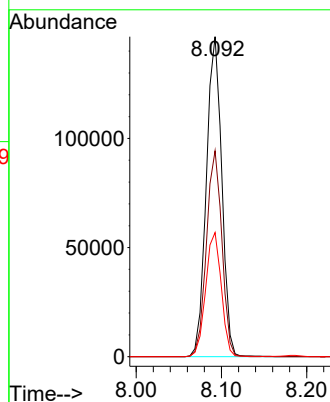
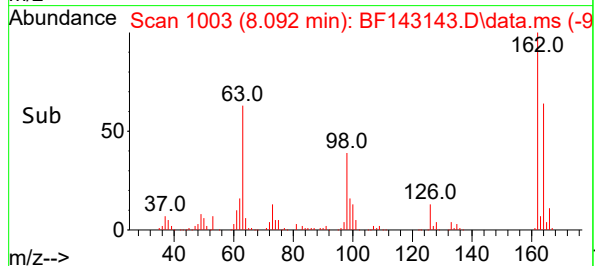
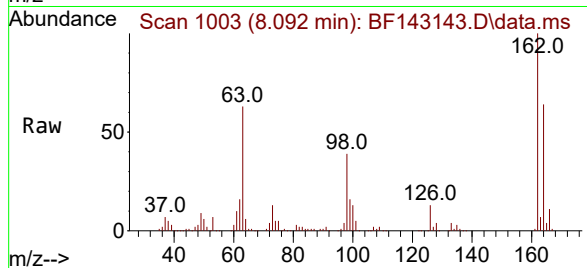
98 38.8 17.9 57.9

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#30

1,2,4-Trichlorobenzene

Concen: 21.070 ng

RT: 8.181 min Scan# 1018

Delta R.T. -0.006 min

Lab File: BF143143.D

Acq: 17 Jul 2025 12:34

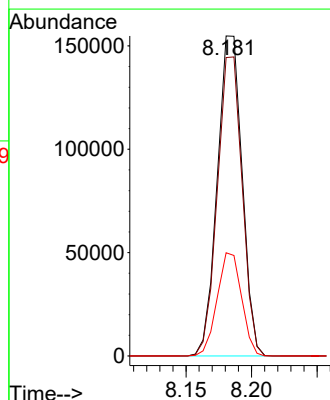
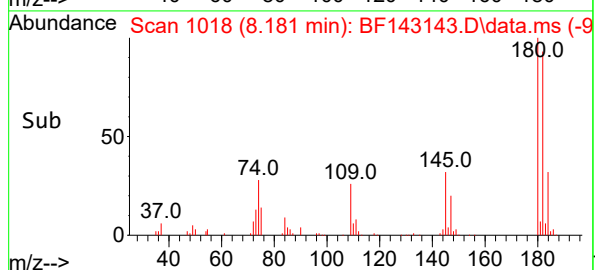
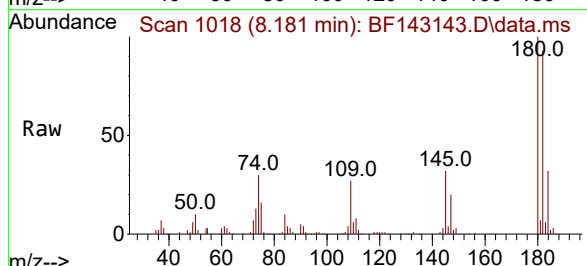
Tgt Ion:180 Resp: 204103

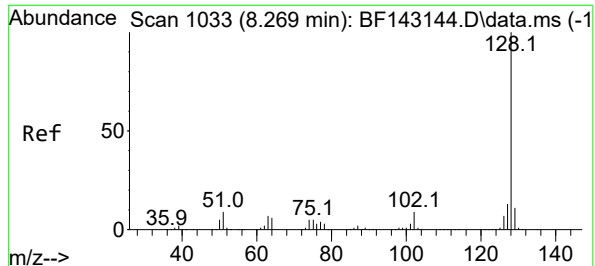
Ion Ratio Lower Upper

180 100

182 93.3 76.2 114.2

145 32.2 25.0 37.6





#31

Naphthalene

Concen: 20.949 ng

RT: 8.263 min Scan# 1033

Delta R.T. -0.006 min

Lab File: BF143143.D

Acq: 17 Jul 2025 12:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:128 Resp: 662968

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.4

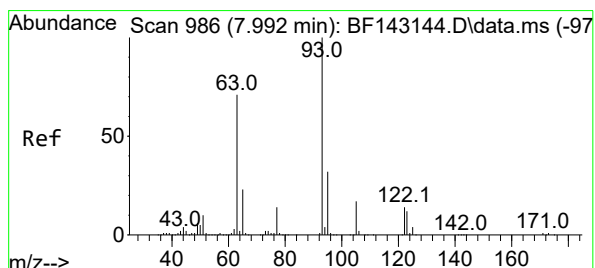
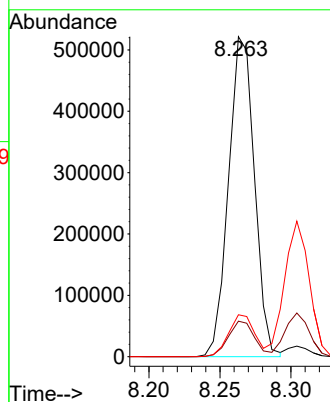
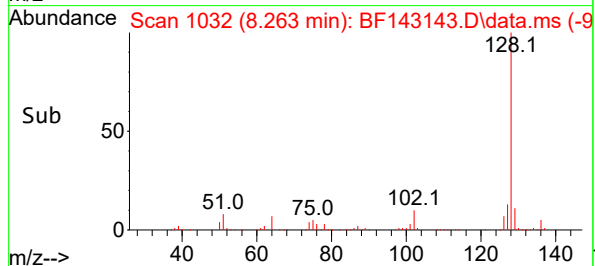
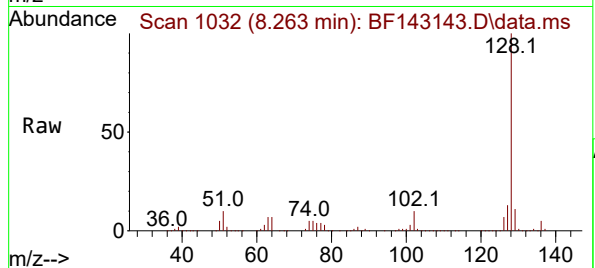
127 13.1 10.6 16.0

Manual Integrations

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#32

Benzoic acid

Concen: 19.382 ng m

RT: 7.957 min Scan# 980

Delta R.T. -0.035 min

Lab File: BF143143.D

Acq: 17 Jul 2025 12:34

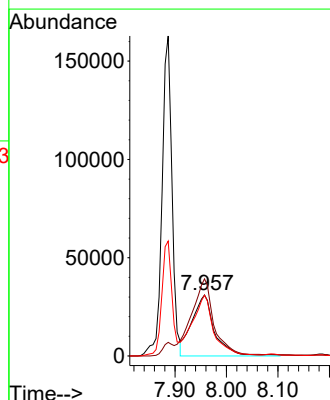
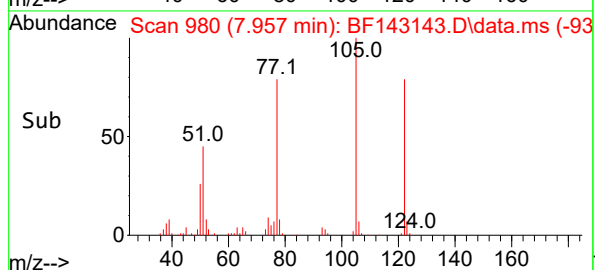
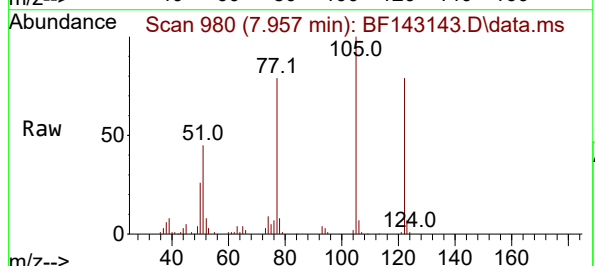
Tgt Ion:122 Resp: 95515

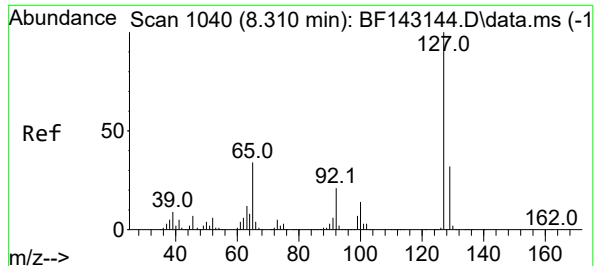
Ion Ratio Lower Upper

122 100

105 126.7 104.8 144.8

77 99.7 77.6 117.6





#33

4-Chloroaniline

Concen: 20.825 ng

RT: 8.304 min Scan# 1039

Delta R.T. -0.006 min

Lab File: BF143143.D

Acq: 17 Jul 2025 12:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:127 Resp: 26910

Ion Ratio Lower Upper

127 100

129 32.2 26.0 39.0

65 34.8 27.4 41.2

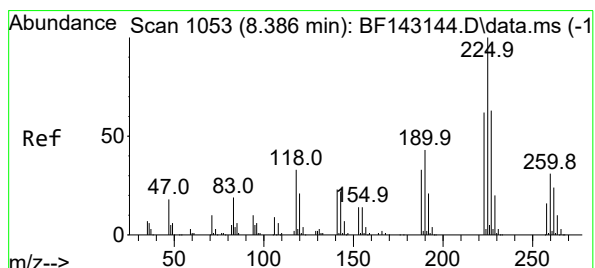
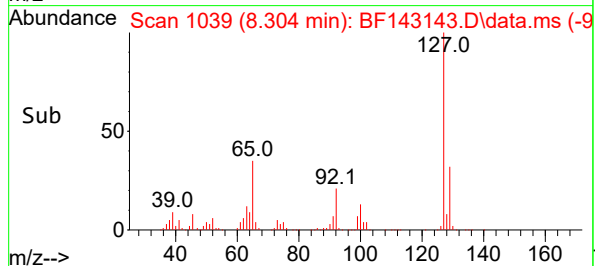
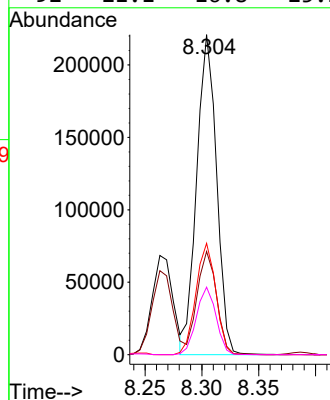
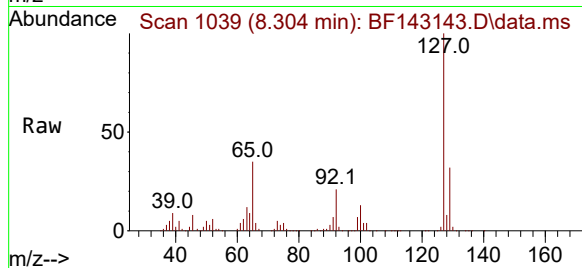
92 21.1 16.8 25.2

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#34

Hexachlorobutadiene

Concen: 20.722 ng

RT: 8.386 min Scan# 1053

Delta R.T. 0.000 min

Lab File: BF143143.D

Acq: 17 Jul 2025 12:34

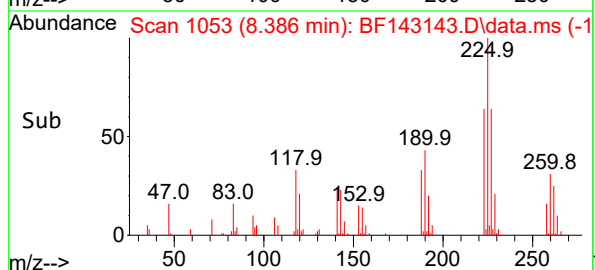
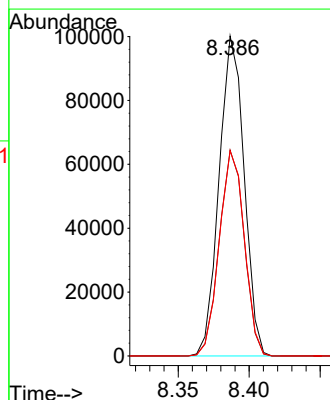
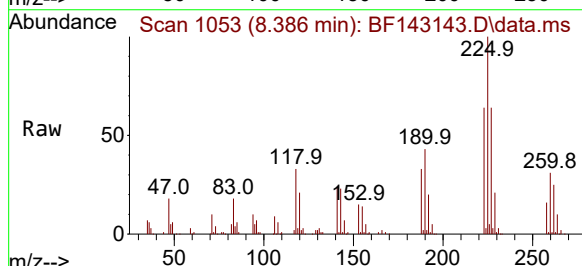
Tgt Ion:225 Resp: 122624

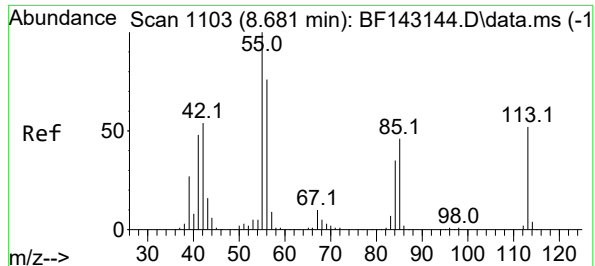
Ion Ratio Lower Upper

225 100

223 64.3 49.8 74.6

227 64.1 50.2 75.4





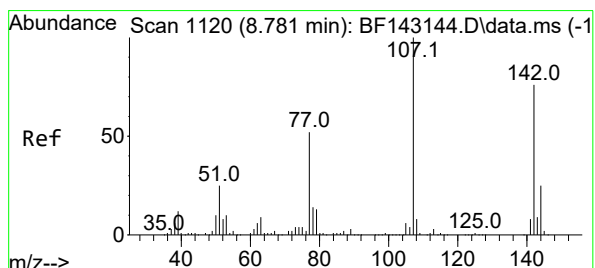
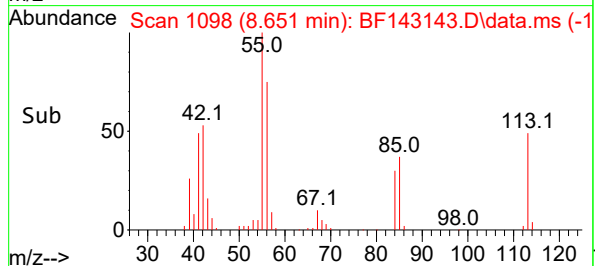
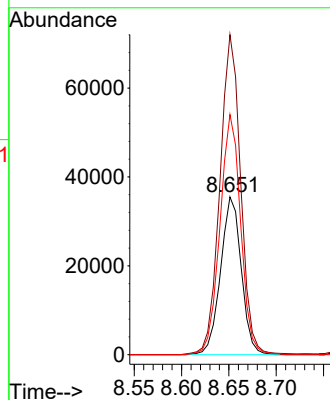
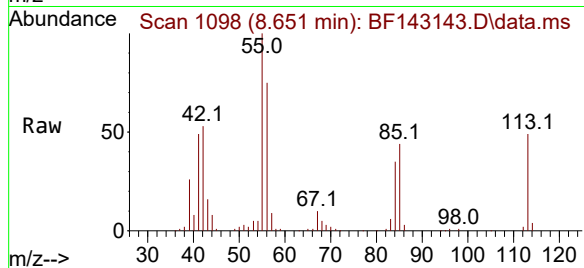
#35
Caprolactam
Concen: 19.911 ng
RT: 8.651 min Scan# 1109
Delta R.T. -0.029 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:113 Resp: 53950
Ion Ratio Lower Upper
113 100
55 202.9 174.0 214.0
56 152.2 126.6 166.6

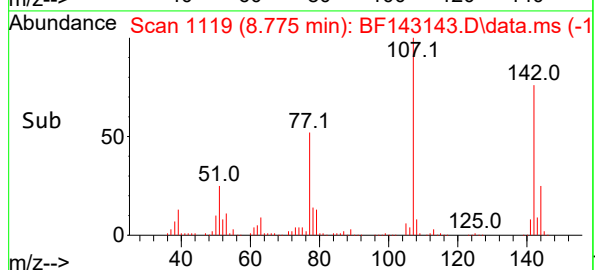
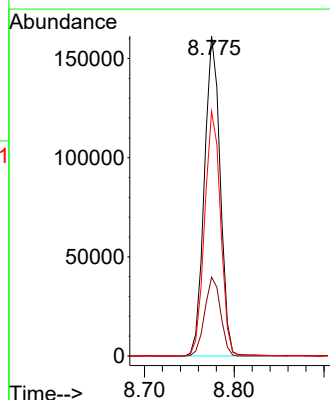
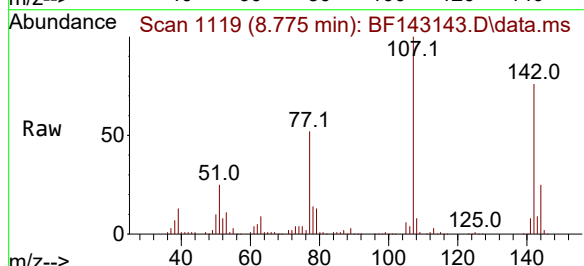
Manual Integrations
APPROVED

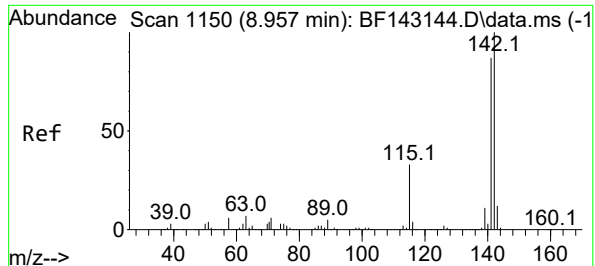
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



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

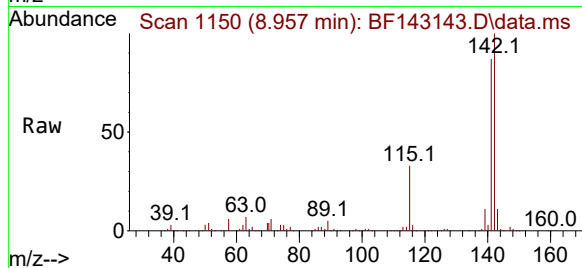
Tgt Ion:107 Resp: 197317
Ion Ratio Lower Upper
107 100
144 24.6 19.8 29.6
142 76.4 60.6 90.8





#37
2-Methylnaphthalene
Concen: 20.943 ng
RT: 8.957 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

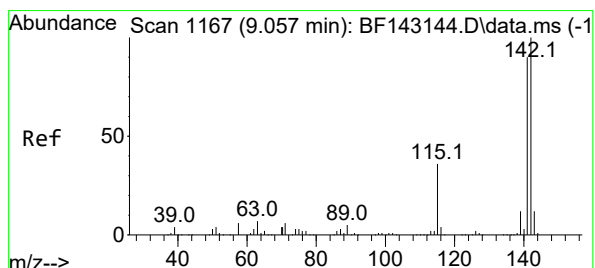
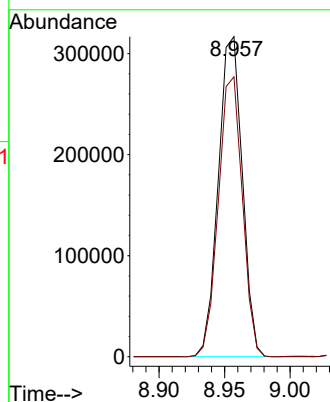
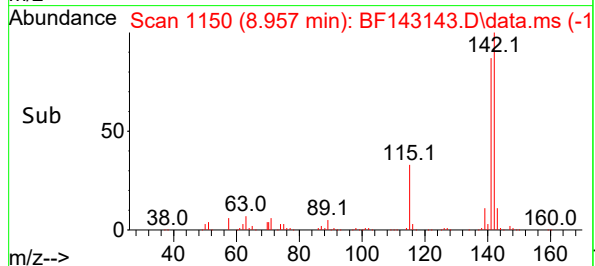
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:142 Resp: 403298
Ion Ratio Lower Upper
142 100
141 87.5 69.9 104.9

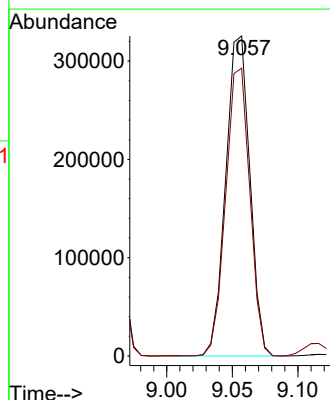
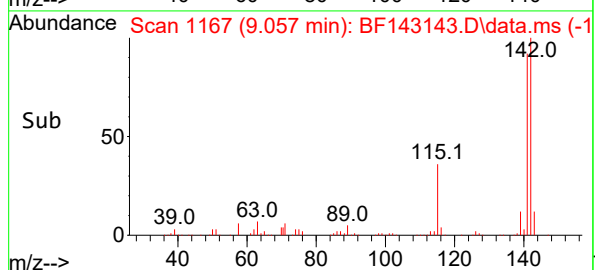
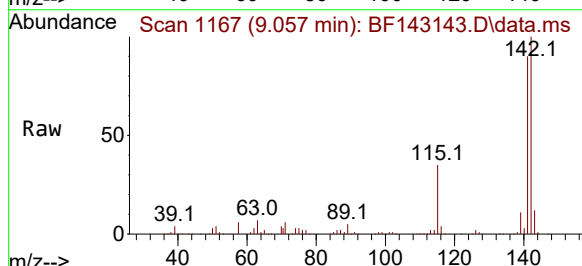
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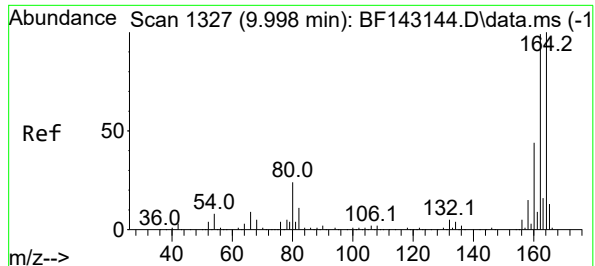
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



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

Tgt Ion:142 Resp: 417629
Ion Ratio Lower Upper
142 100
141 90.0 72.3 108.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.998 min Scan# 1178

Delta R.T. 0.000 min

Lab File: BF143143.D

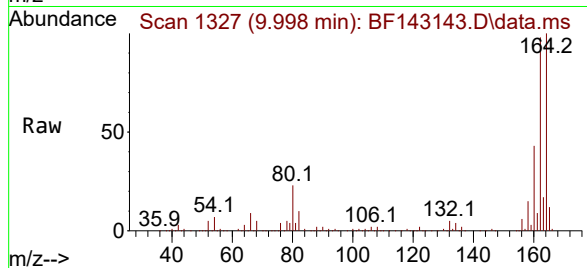
Acq: 17 Jul 2025 12:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion:164 Resp: 329670

Ion Ratio Lower Upper

164 100

162 97.5 79.0 118.6

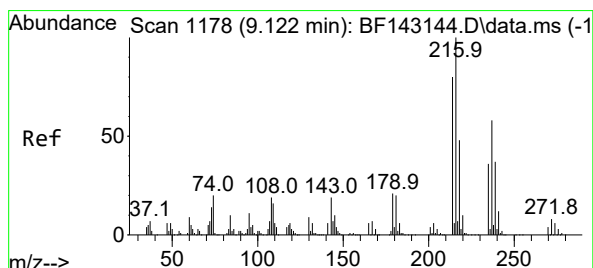
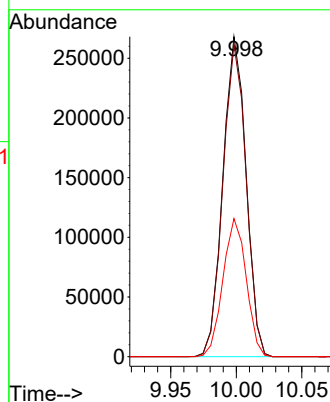
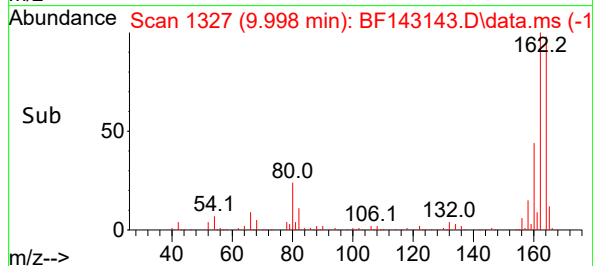
160 43.2 35.1 52.7

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#40

1,2,4,5-Tetrachlorobenzene

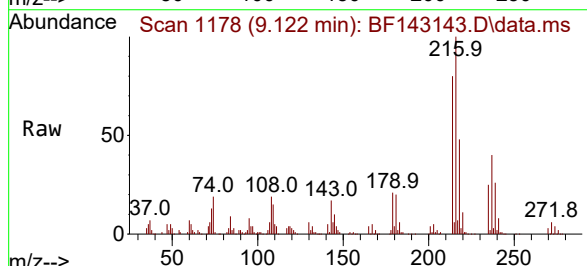
Concen: 20.804 ng

RT: 9.122 min Scan# 1178

Delta R.T. 0.000 min

Lab File: BF143143.D

Acq: 17 Jul 2025 12:34



Tgt Ion:216 Resp: 198009

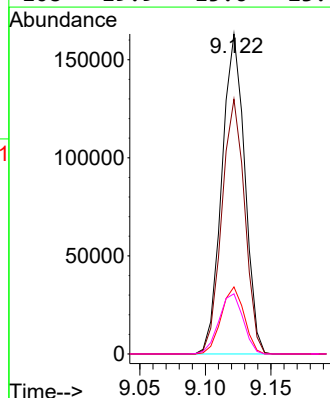
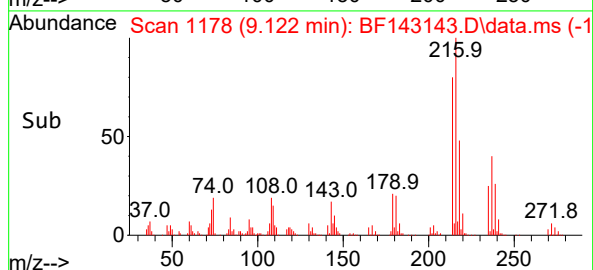
Ion Ratio Lower Upper

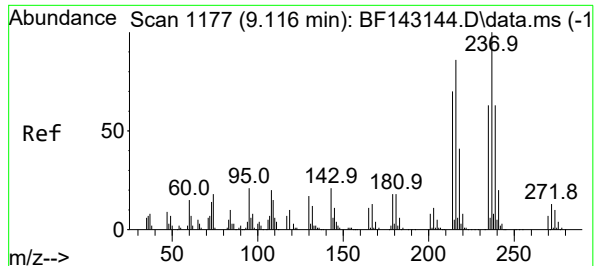
216 100

214 79.4 63.8 95.8

179 21.0 16.4 24.6

108 19.9 15.6 23.4





#41

Hexachlorocyclopentadiene

Concen: 19.848 ng

RT: 9.116 min Scan# 1177

Delta R.T. 0.000 min

Lab File: BF143143.D

Acq: 17 Jul 2025 12:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:237 Resp: 12292

Ion Ratio Lower Upper

237 100

235 63.2 43.0 83.0

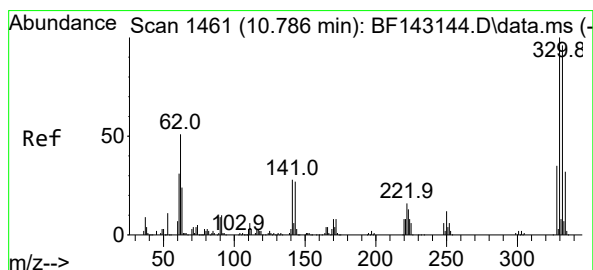
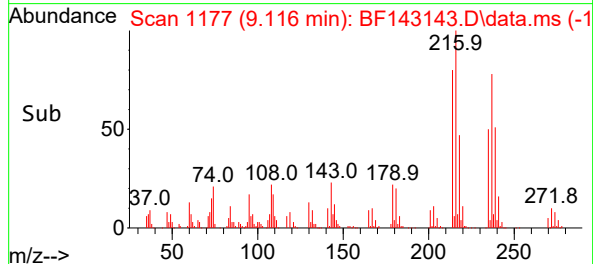
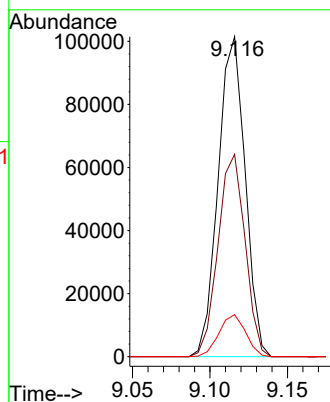
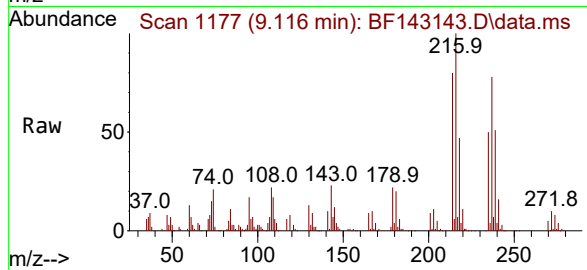
272 13.2 0.0 33.3

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#42

2,4,6-Tribromophenol

Concen: 41.034 ng

RT: 10.780 min Scan# 1460

Delta R.T. -0.006 min

Lab File: BF143143.D

Acq: 17 Jul 2025 12:34

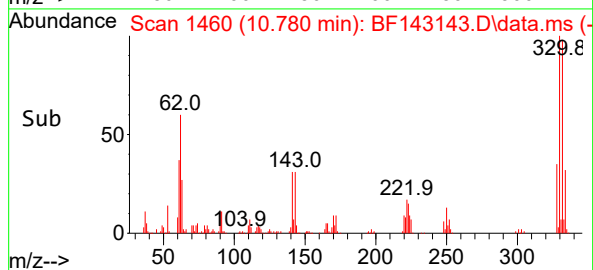
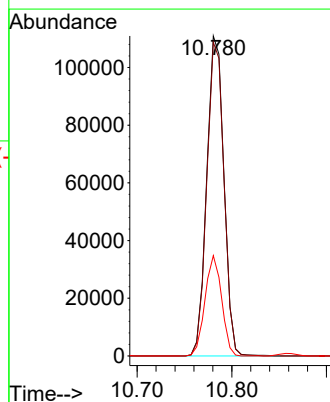
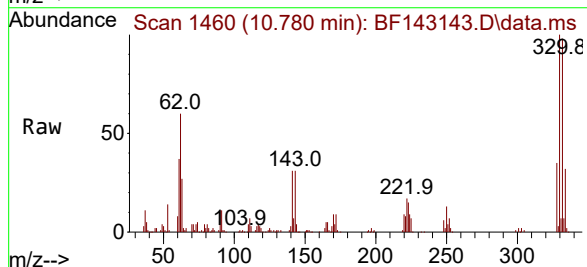
Tgt Ion:330 Resp: 139748

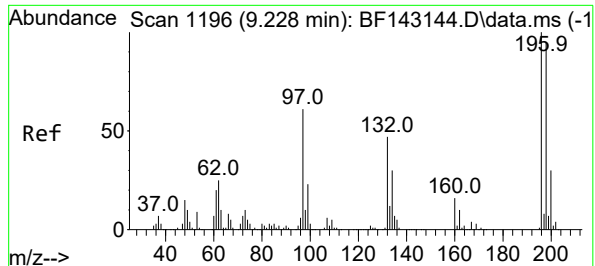
Ion Ratio Lower Upper

330 100

332 97.9 76.7 115.1

141 30.4 23.3 34.9





#43

2,4,6-Trichlorophenol

Concen: 20.601 ng

RT: 9.228 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BF143143.D

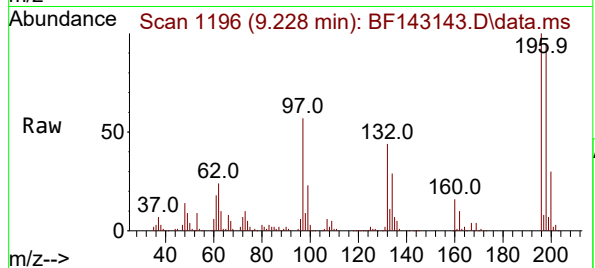
Acq: 17 Jul 2025 12:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion:196 Resp: 13570

Ion Ratio Lower Upper

196 100

198 95.4 76.2 114.2

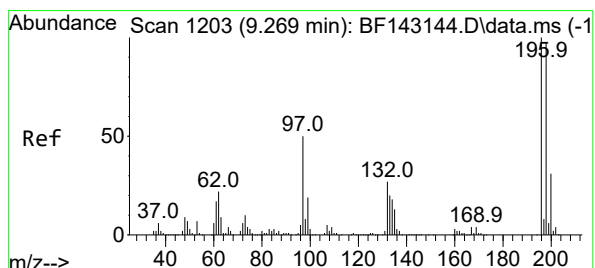
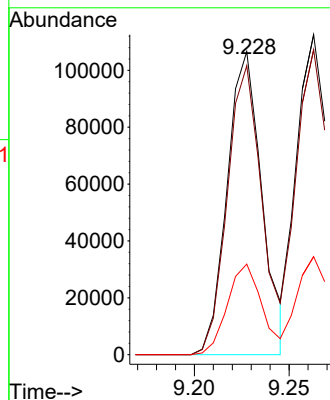
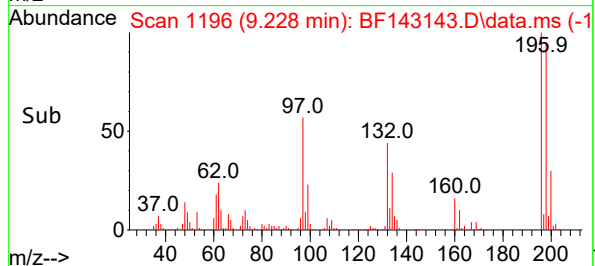
200 29.9 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#44

2,4,5-Trichlorophenol

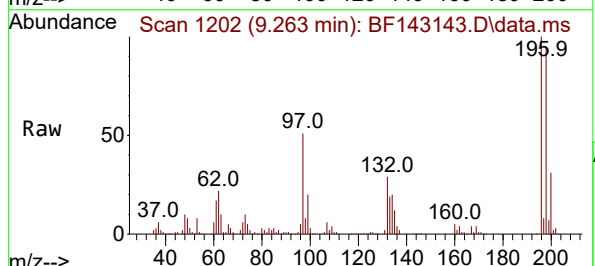
Concen: 20.584 ng

RT: 9.263 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF143143.D

Acq: 17 Jul 2025 12:34



Tgt Ion:196 Resp: 135634

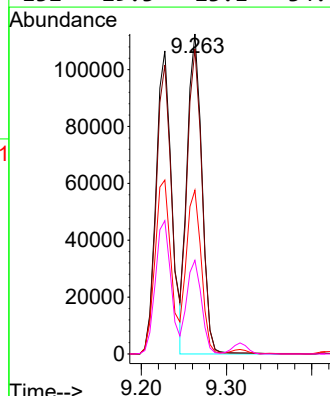
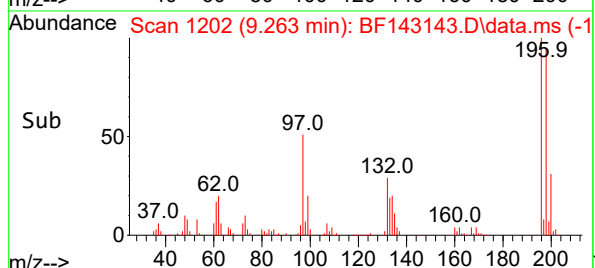
Ion Ratio Lower Upper

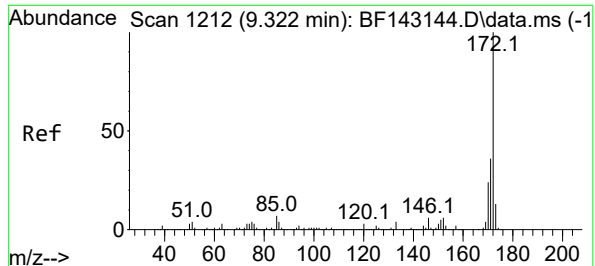
196 100

198 95.3 77.3 115.9

97 51.2 40.3 60.5

132 29.3 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 42.301 ng

RT: 9.316 min Scan# 1211

Delta R.T. -0.006 min

Lab File: BF143143.D

Acq: 17 Jul 2025 12:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:172 Resp: 1019688

Ion Ratio Lower Upper

172 100

171 35.2 28.6 42.8

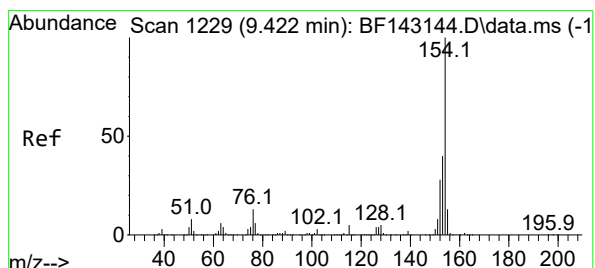
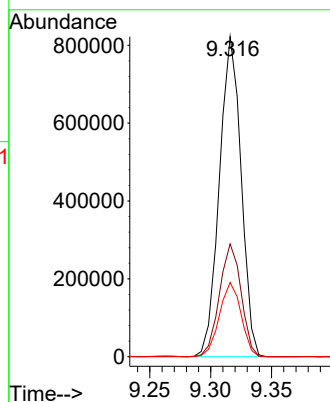
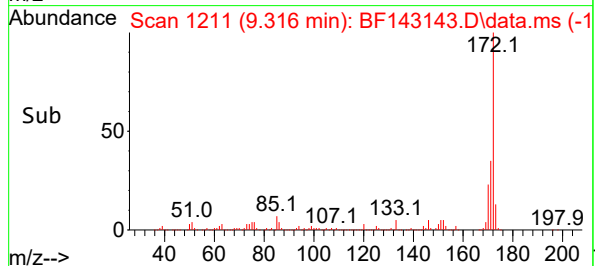
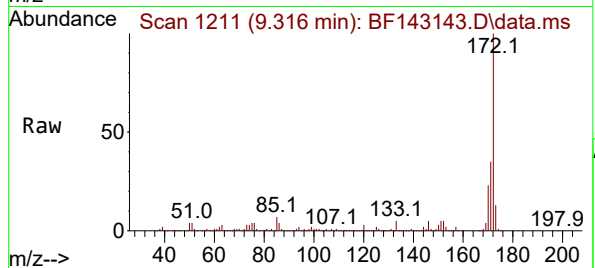
170 23.2 18.8 28.2

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#46

1,1'-Biphenyl

Concen: 21.019 ng

RT: 9.416 min Scan# 1228

Delta R.T. -0.006 min

Lab File: BF143143.D

Acq: 17 Jul 2025 12:34

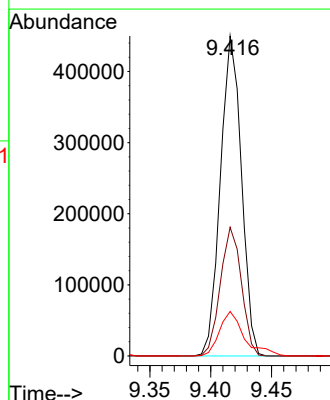
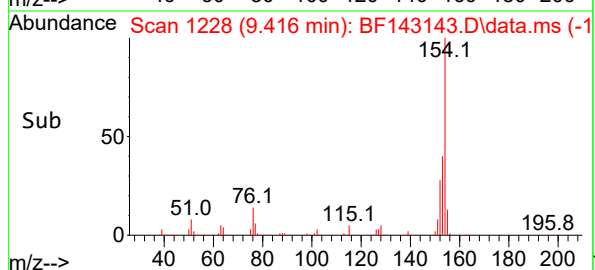
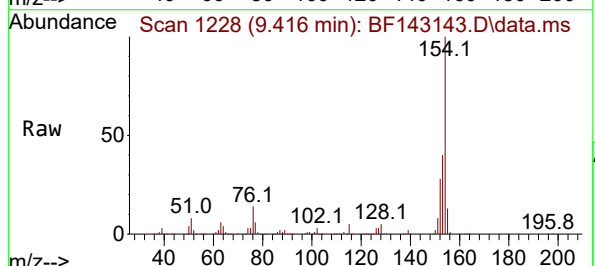
Tgt Ion:154 Resp: 540637

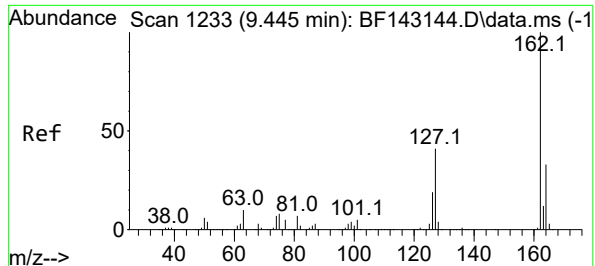
Ion Ratio Lower Upper

154 100

153 40.2 20.3 60.3

76 13.9 0.0 33.3





#47

2-Chloronaphthalene

Concen: 20.650 ng

RT: 9.445 min Scan# 1233

Delta R.T. 0.000 min

Lab File: BF143143.D

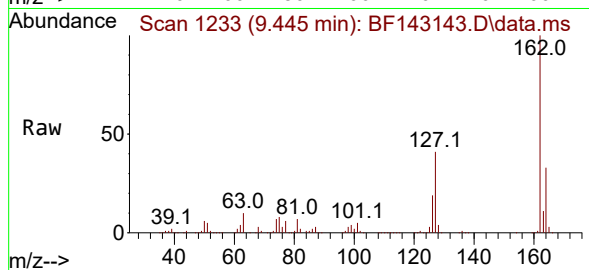
Acq: 17 Jul 2025 12:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion:162 Resp: 393002

Ion Ratio Lower Upper

162 100

127 40.6 33.4 50.2

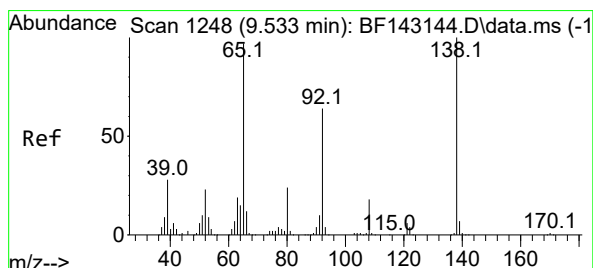
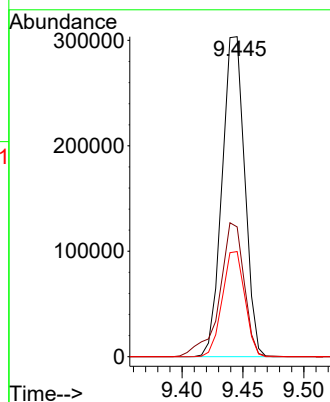
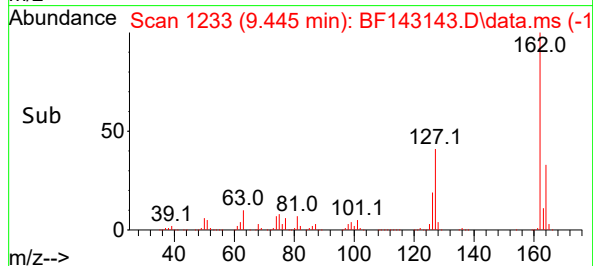
164 32.9 26.2 39.2

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#48

2-Nitroaniline

Concen: 20.528 ng

RT: 9.528 min Scan# 1247

Delta R.T. -0.006 min

Lab File: BF143143.D

Acq: 17 Jul 2025 12:34

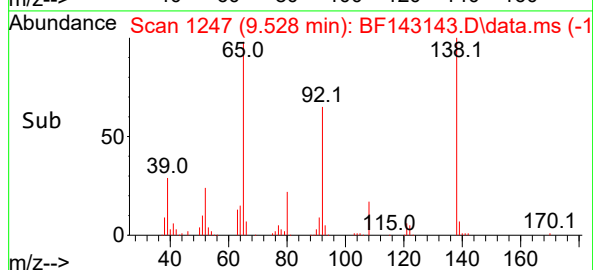
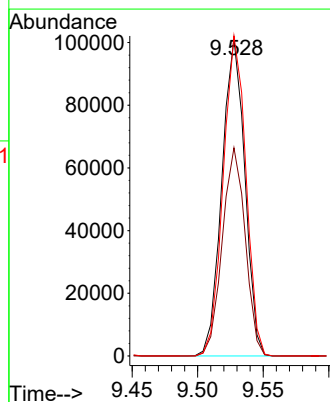
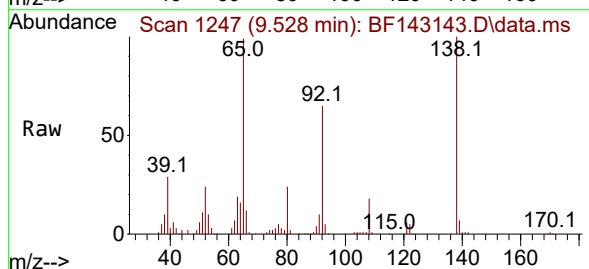
Tgt Ion: 65 Resp: 122517

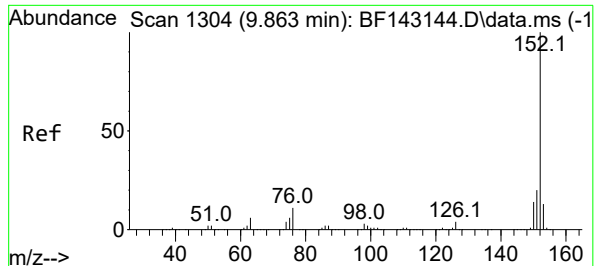
Ion Ratio Lower Upper

65 100

92 65.6 52.4 78.6

138 100.8 82.3 123.5





#49

Acenaphthylene

Concen: 20.789 ng

RT: 9.857 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143143.D

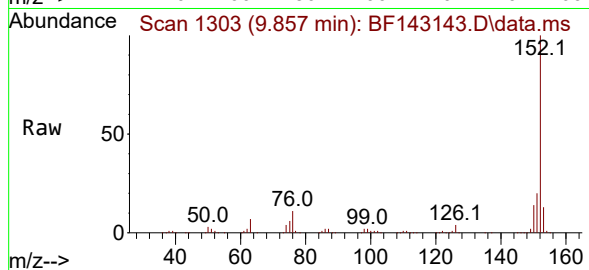
Acq: 17 Jul 2025 12:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion:152 Resp: 66304

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.2

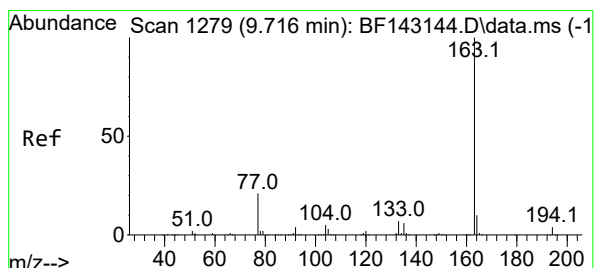
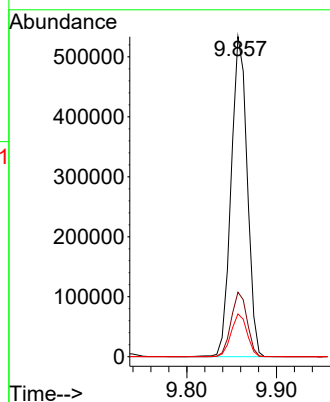
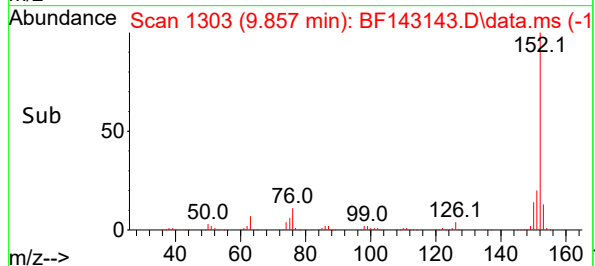
153 13.3 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#50

Dimethylphthalate

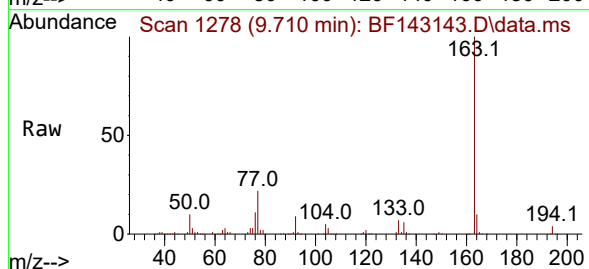
Concen: 20.558 ng

RT: 9.710 min Scan# 1278

Delta R.T. -0.006 min

Lab File: BF143143.D

Acq: 17 Jul 2025 12:34



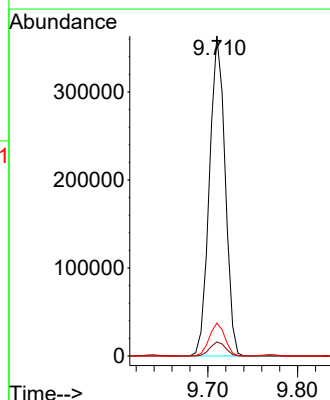
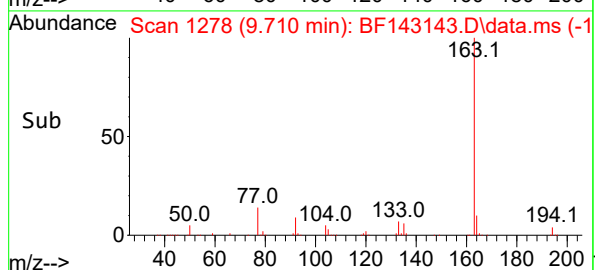
Tgt Ion:163 Resp: 441768

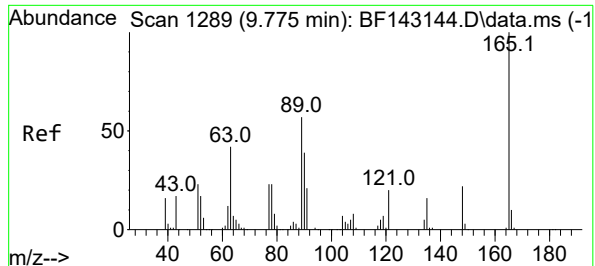
Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

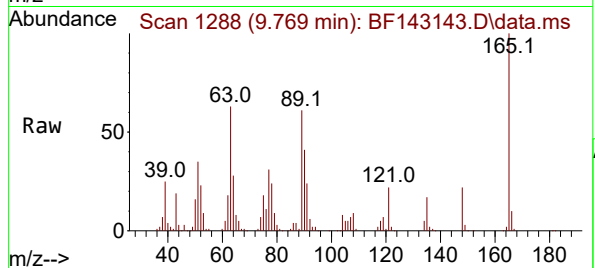
164 10.3 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 20.529 ng
RT: 9.769 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

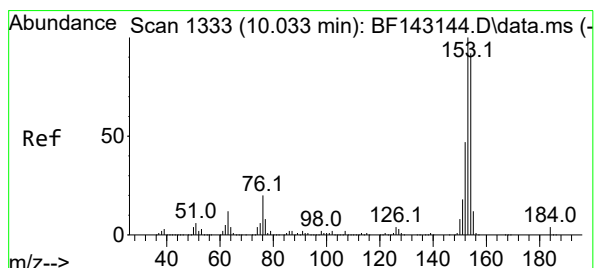
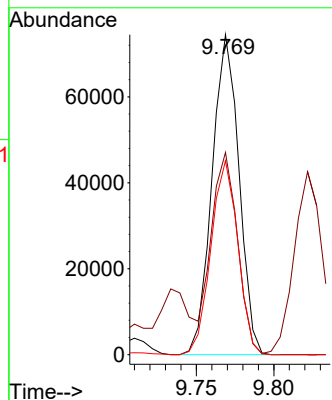
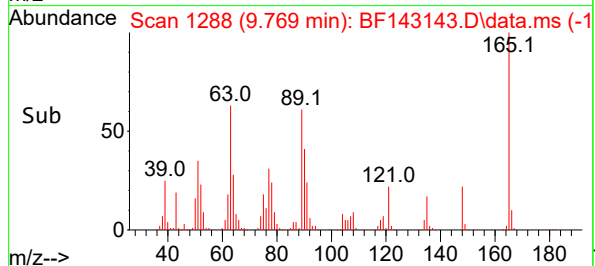
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:165 Resp: 8974
Ion Ratio Lower Upper
165 100
63 63.2 49.4 74.2
89 60.6 46.2 69.2

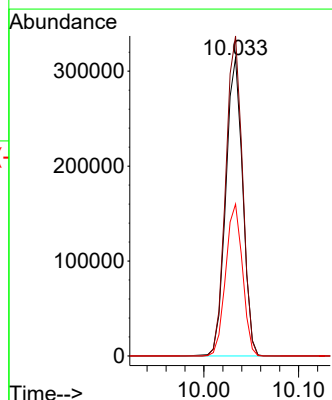
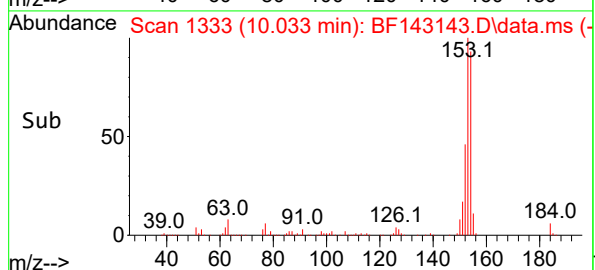
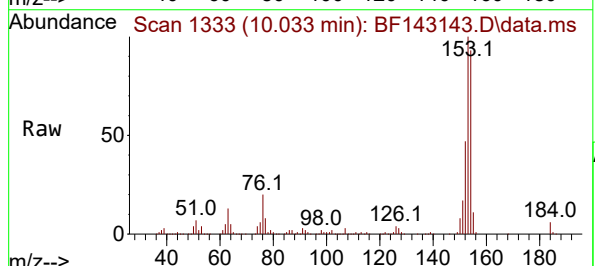
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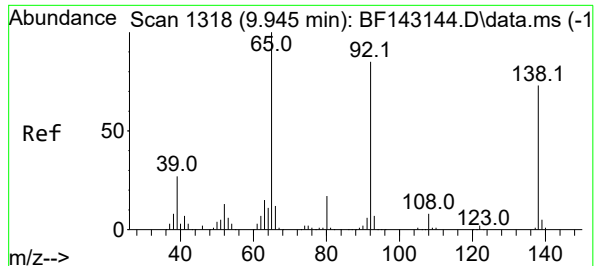
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



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

Tgt Ion:154 Resp: 390249
Ion Ratio Lower Upper
154 100
153 107.3 86.6 129.8
152 50.9 40.4 60.6





#53
3-Nitroaniline
Concen: 20.314 ng
RT: 9.933 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :

BNA_F

ClientSampleId :

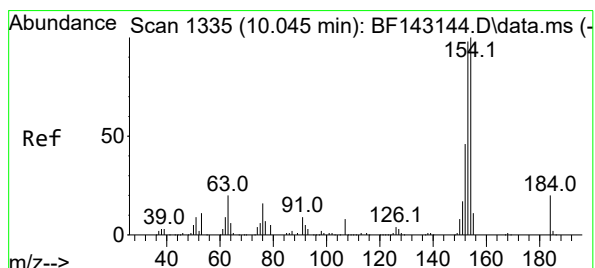
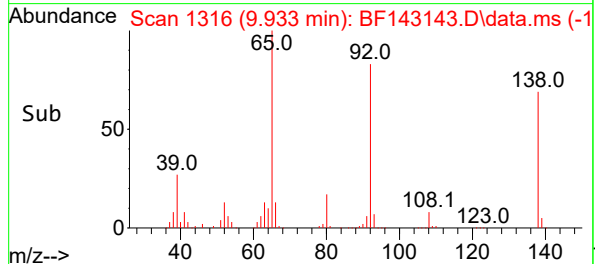
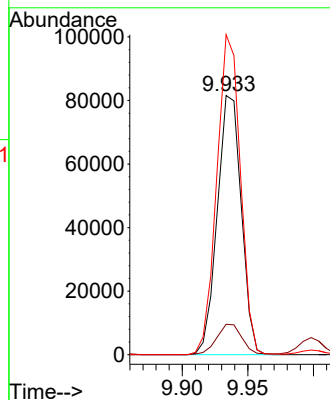
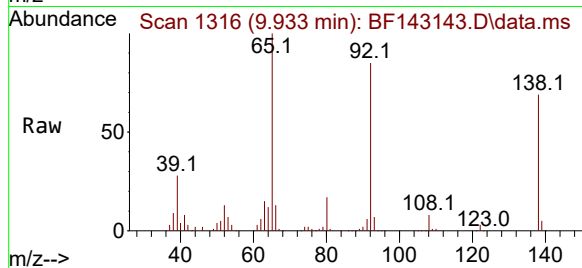
SSTDICC020

Tgt Ion:138 Resp: 103870
Ion Ratio Lower Upper
138 100
108 11.7 9.0 13.6
92 123.4 93.0 139.4

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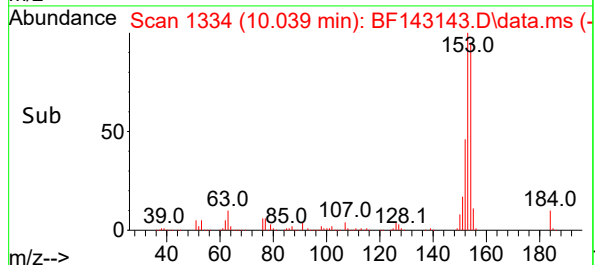
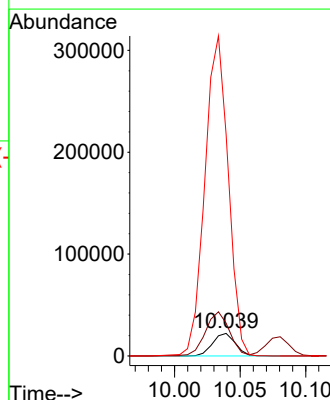
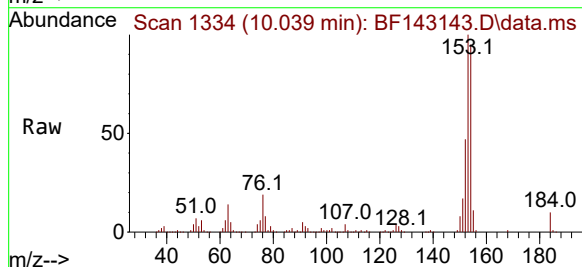
APPROVED

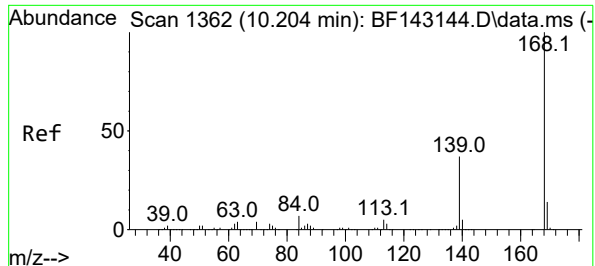
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



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

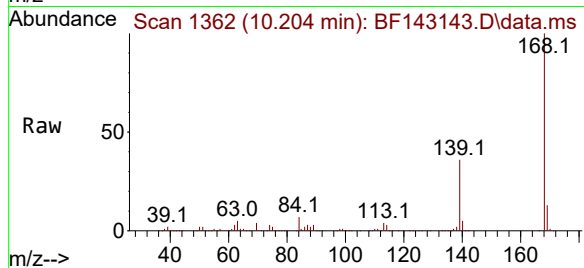
Tgt Ion:184 Resp: 26820
Ion Ratio Lower Upper
184 100
63 145.3 81.8 122.6#
154 980.0 412.2 618.4#





#55
Dibenzenofuran
Concen: 20.806 ng
RT: 10.204 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

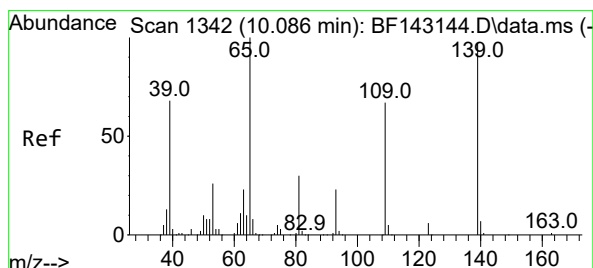
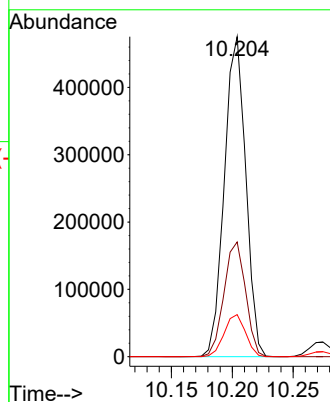
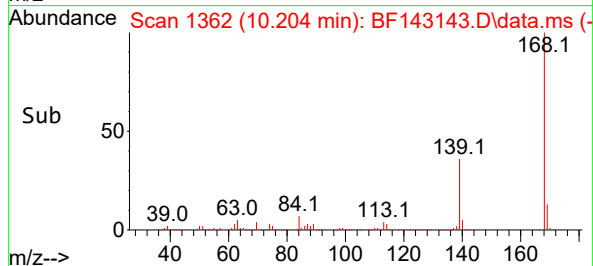
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:168 Resp: 582320
Ion Ratio Lower Upper
168 100
139 35.9 29.5 44.3
169 13.1 10.9 16.3

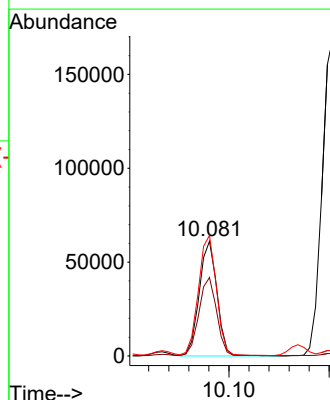
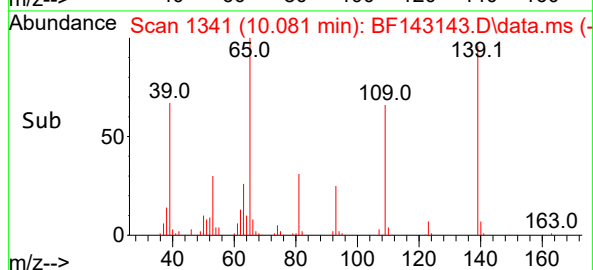
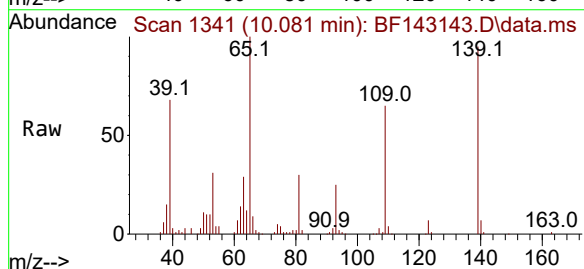
Manual Integrations
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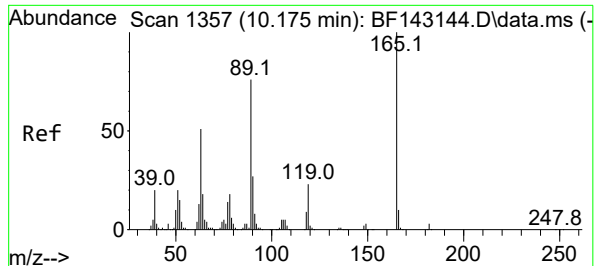
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



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

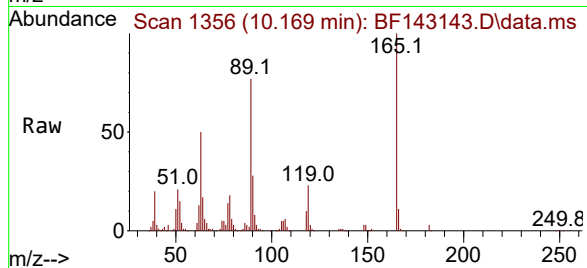
Tgt Ion:139 Resp: 75275
Ion Ratio Lower Upper
139 100
109 68.3 48.5 88.5
65 105.1 83.4 123.4





#57
2,4-Dinitrotoluene
Concen: 20.577 ng
RT: 10.169 min Scan# 11285
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

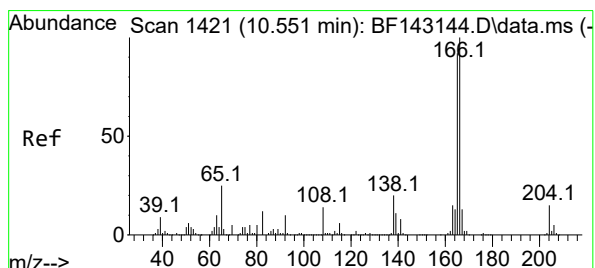
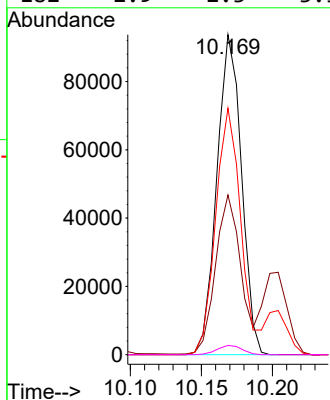
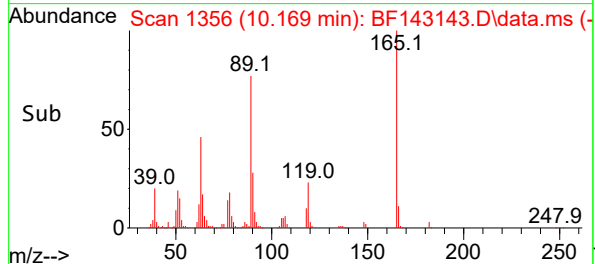
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



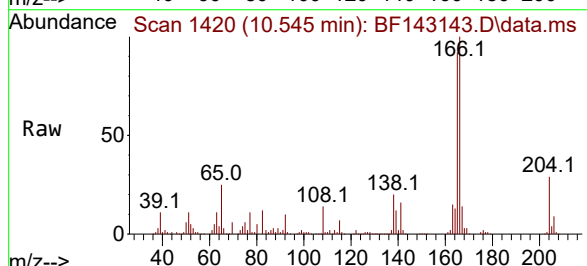
Tgt Ion:165 Resp: 11285
Ion Ratio Lower Upper
165 100
63 49.9 41.0 61.4
89 77.0 61.1 91.7
182 2.9 2.3 3.5

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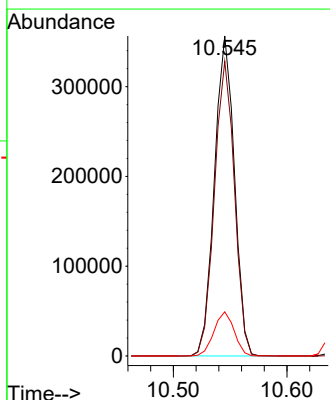
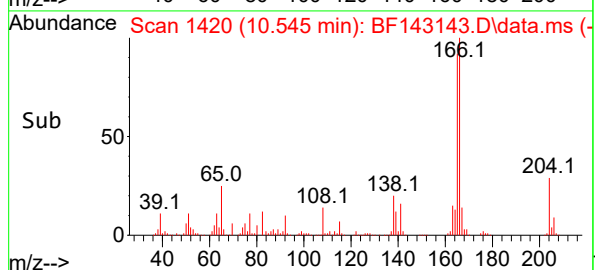
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

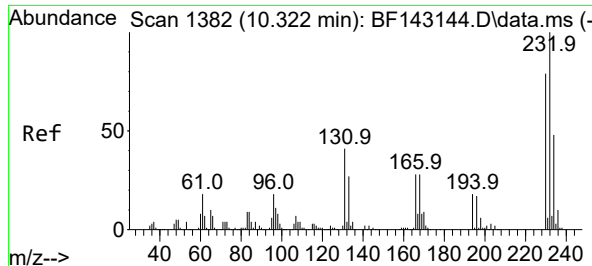


#58
Fluorene
Concen: 20.750 ng
RT: 10.545 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34



Tgt Ion:166 Resp: 435866
Ion Ratio Lower Upper
166 100
165 92.1 73.7 110.5
167 13.8 10.6 16.0





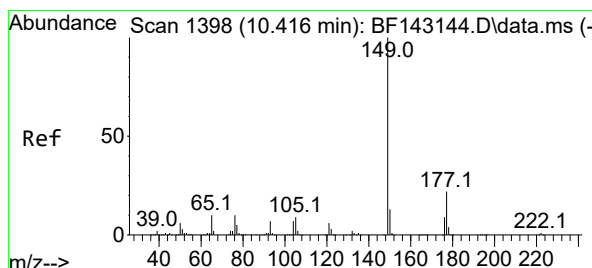
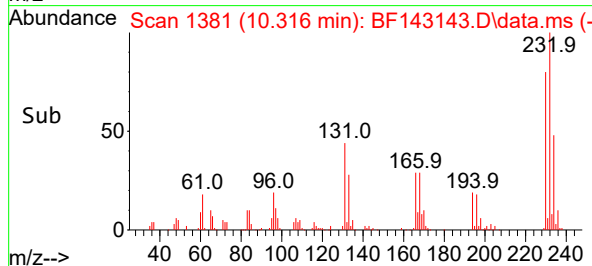
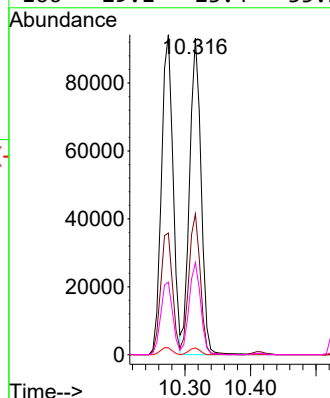
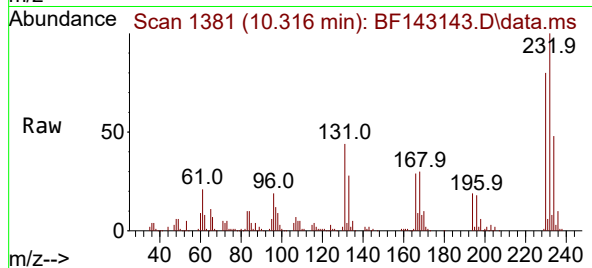
#59
2,3,4,6-Tetrachlorophenol
Concen: 20.859 ng
RT: 10.316 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:232 Resp: 11385
Ion Ratio Lower Upper
232 100
131 44.3 35.3 52.9
130 2.1 1.7 2.5
166 29.1 23.4 35.2

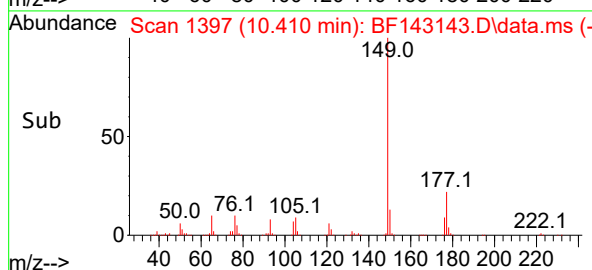
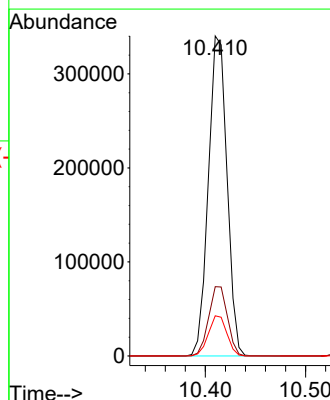
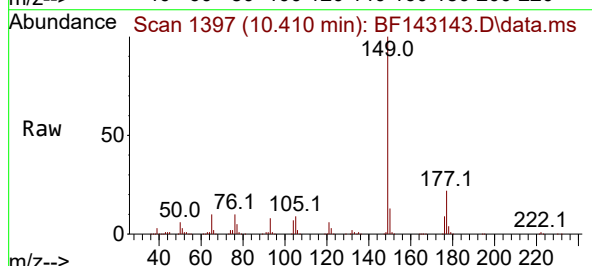
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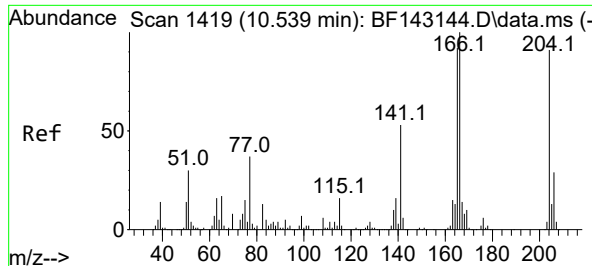
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



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

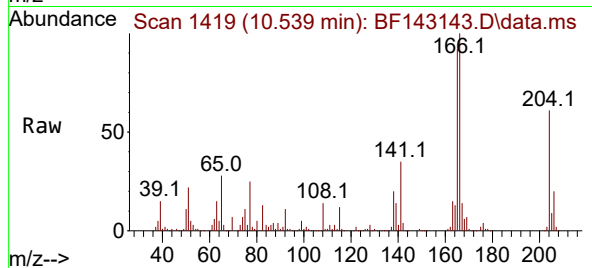
Tgt Ion:149 Resp: 440058
Ion Ratio Lower Upper
149 100
177 21.7 17.5 26.3
150 12.5 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 20.699 ng
RT: 10.539 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

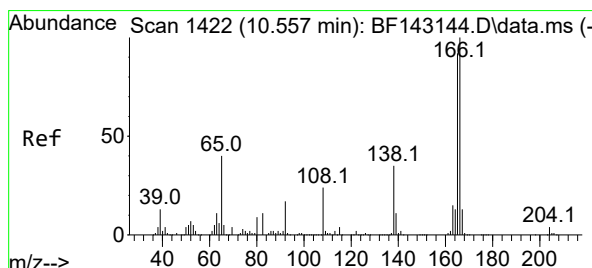
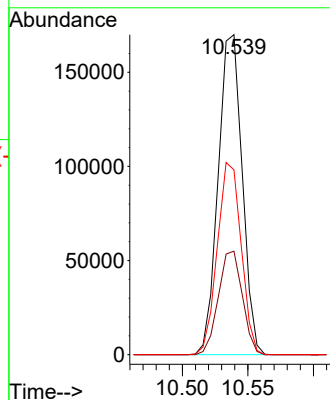
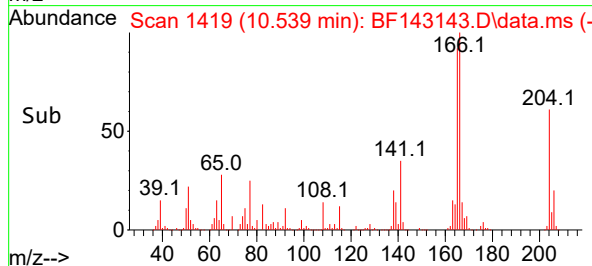
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



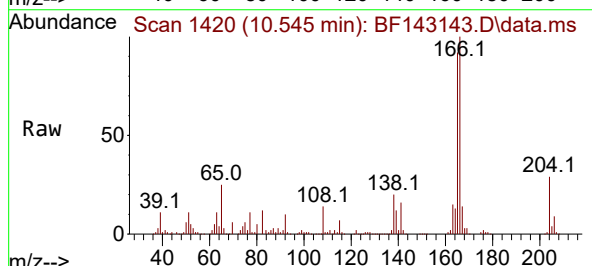
Tgt Ion:204 Resp: 216490
Ion Ratio Lower Upper
204 100
206 32.4 25.8 38.8
141 57.8 47.0 70.4

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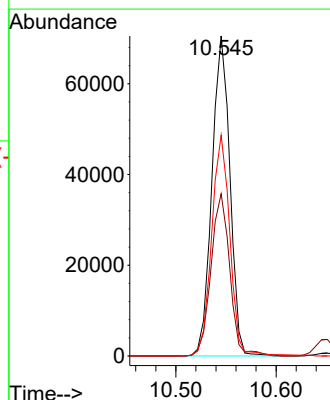
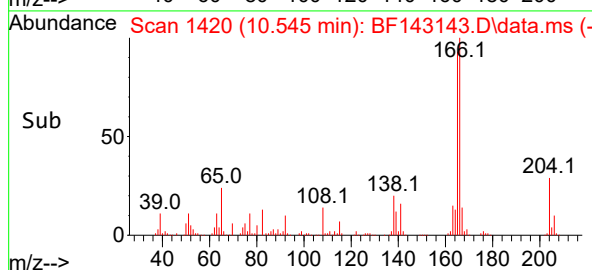
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

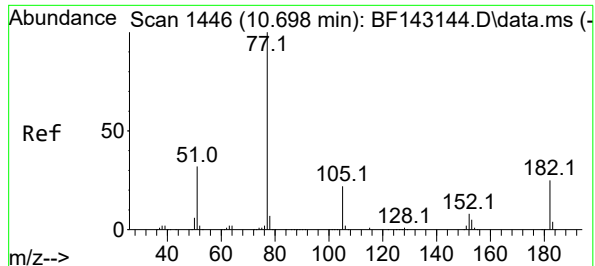


#62
4-Nitroaniline
Concen: 20.005 ng
RT: 10.545 min Scan# 1420
Delta R.T. -0.012 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34



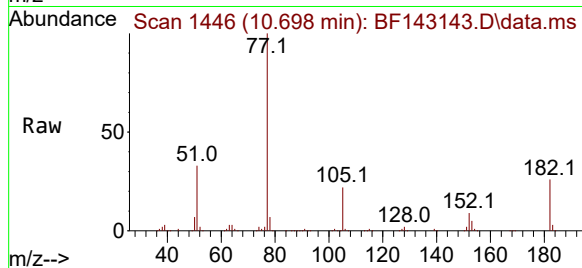
Tgt Ion:138 Resp: 87666
Ion Ratio Lower Upper
138 100
92 50.7 29.3 69.3
108 69.0 48.3 88.3





#63
Azobenzene
Concen: 20.690 ng
RT: 10.698 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

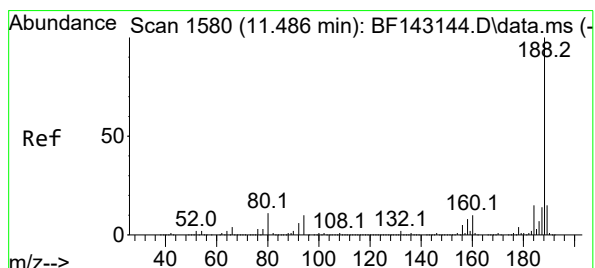
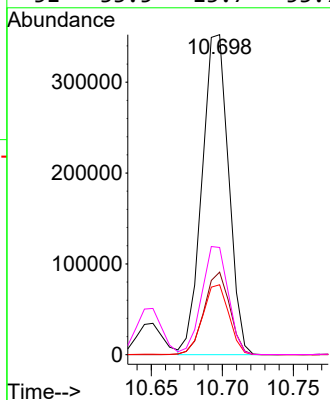
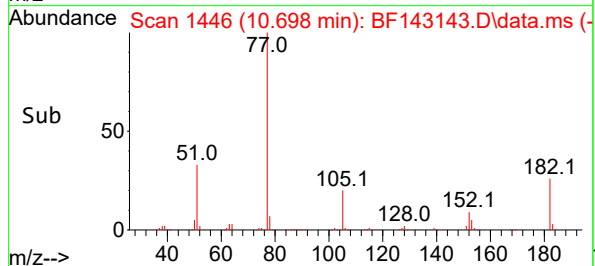
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



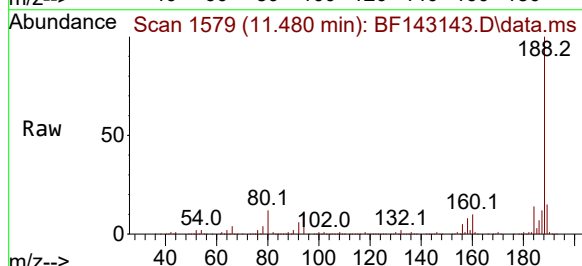
Tgt Ion: 77 Resp: 45801
Ion Ratio Lower Upper
77 100
182 25.8 4.6 44.6
105 21.8 1.4 41.4
51 33.5 13.7 53.7

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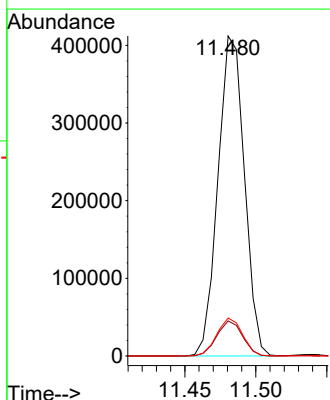
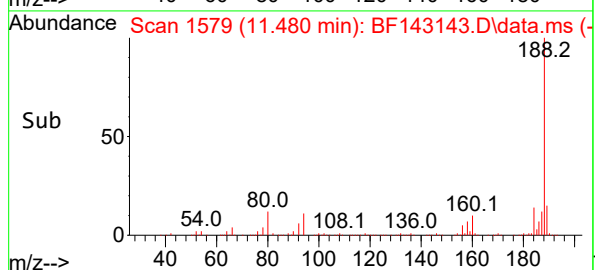
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

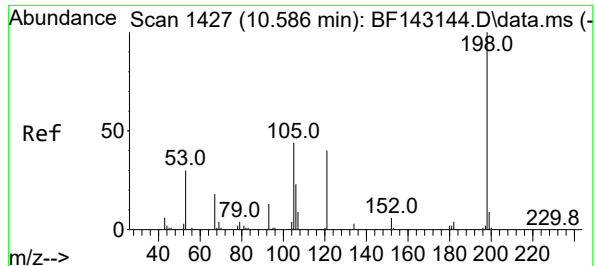


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34



Tgt Ion:188 Resp: 532921
Ion Ratio Lower Upper
188 100
94 11.0 8.3 12.5
80 11.9 9.0 13.6





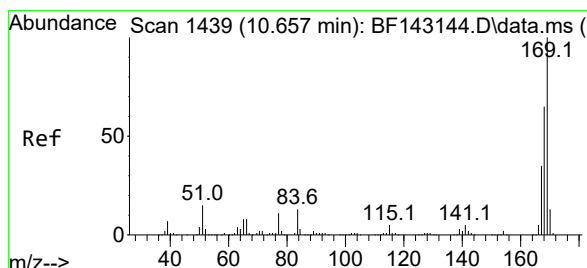
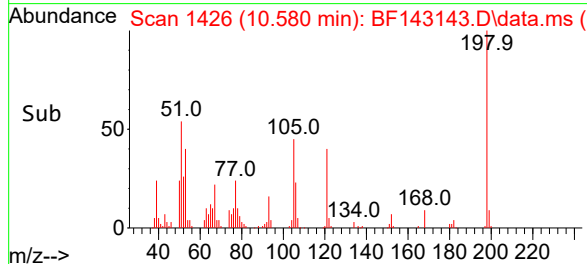
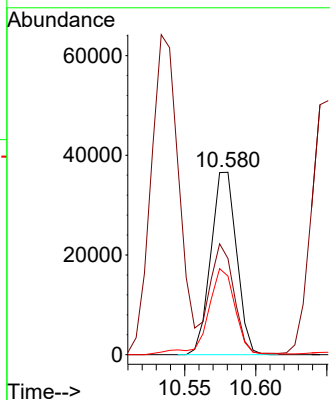
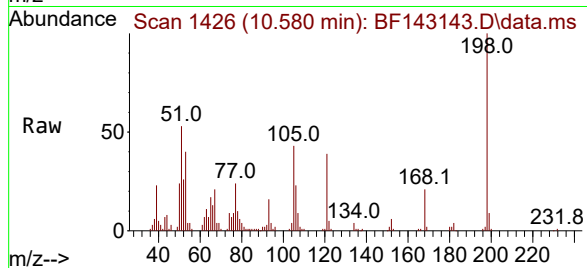
#65
4,6-Dinitro-2-methylphenol
Concen: 20.060 ng
RT: 10.580 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:198 Resp: 4612
Ion Ratio Lower Upper
198 100
51 52.7 37.2 77.2
105 43.1 24.8 64.8

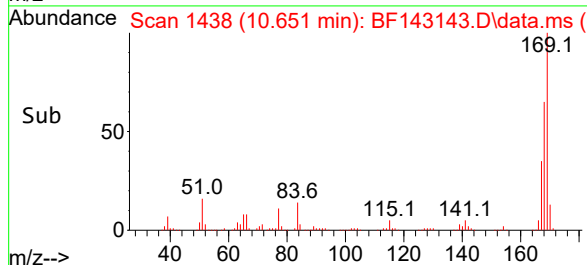
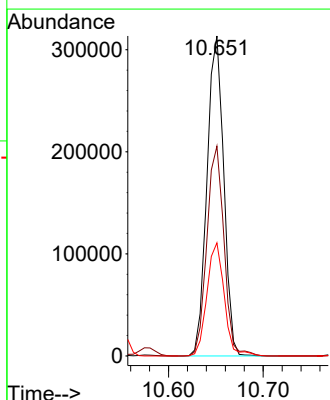
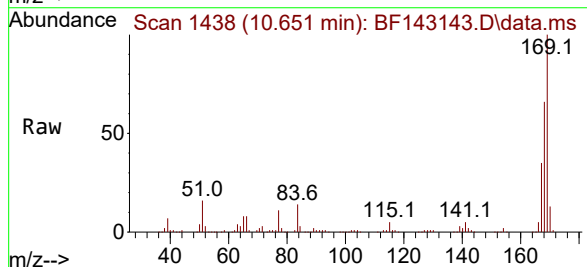
Manual Integrations
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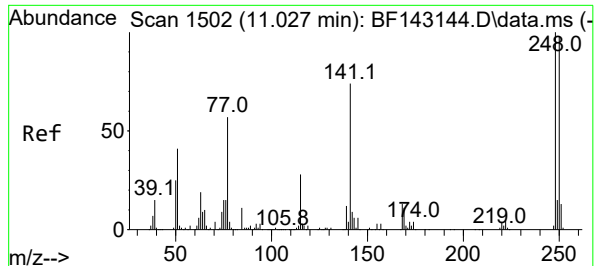
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



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

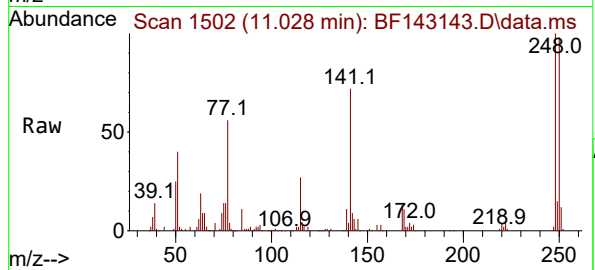
Tgt Ion:169 Resp: 384467
Ion Ratio Lower Upper
169 100
168 65.6 52.1 78.1
167 35.4 28.2 42.2





#67
4-Bromophenyl-phenylether
Concen: 20.259 ng
RT: 11.028 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

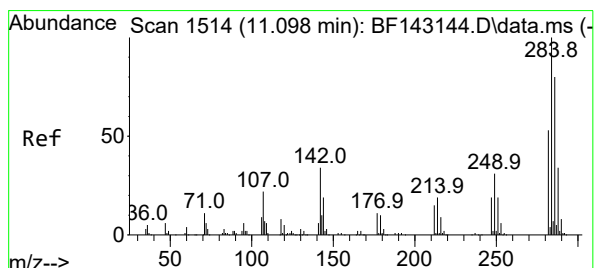
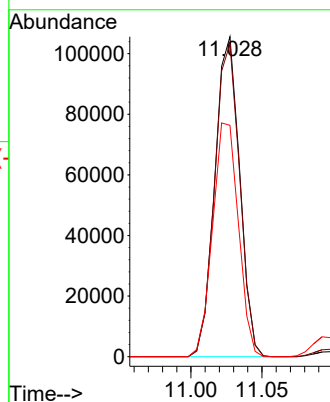
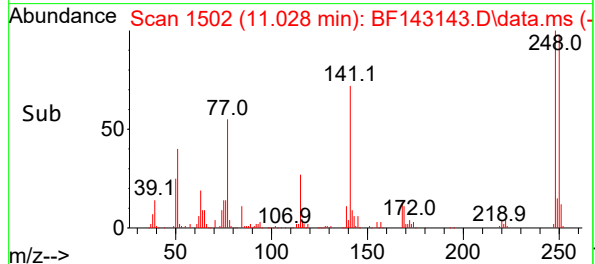
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



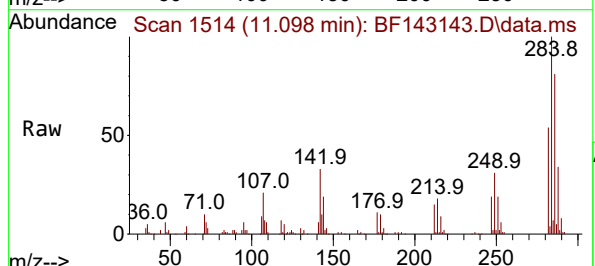
Tgt Ion:248 Resp: 12866
Ion Ratio Lower Upper
248 100
250 97.8 78.3 117.5
141 72.3 59.2 88.8

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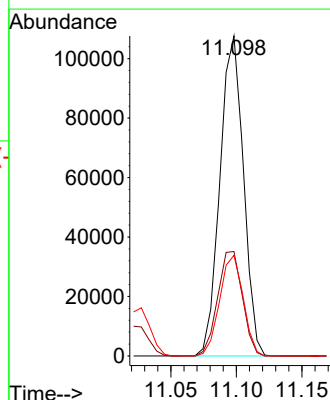
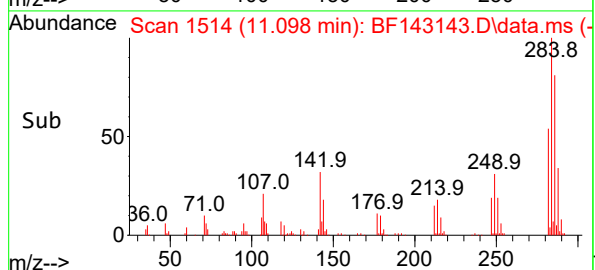
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

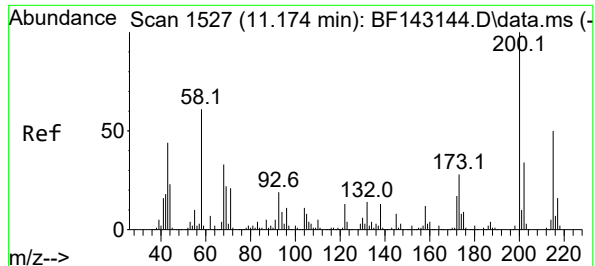


#68
Hexachlorobenzene
Concen: 20.191 ng
RT: 11.098 min Scan# 1514
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34



Tgt Ion:284 Resp: 134031
Ion Ratio Lower Upper
284 100
142 32.7 27.0 40.6
249 31.5 25.0 37.6





#69

Atrazine

Concen: 20.370 ng

RT: 11.169 min Scan# 1526

Delta R.T. -0.006 min

Lab File: BF143143.D

Acq: 17 Jul 2025 12:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:200 Resp: 105380

Ion Ratio Lower Upper

200 100

173 27.7 7.9 47.9

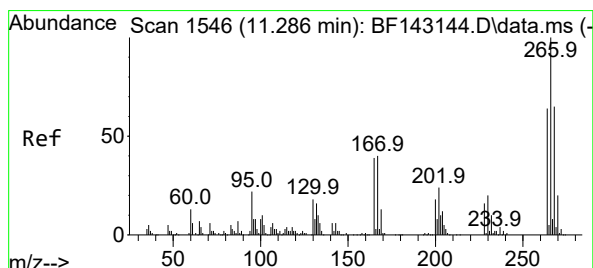
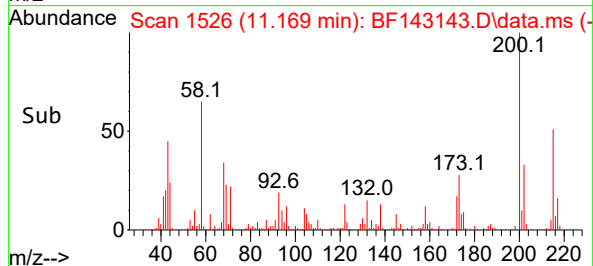
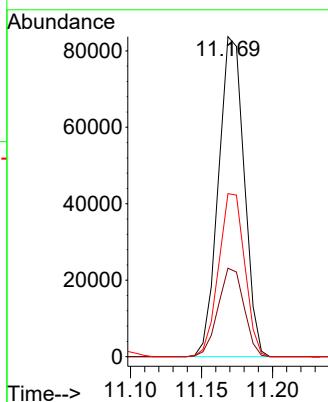
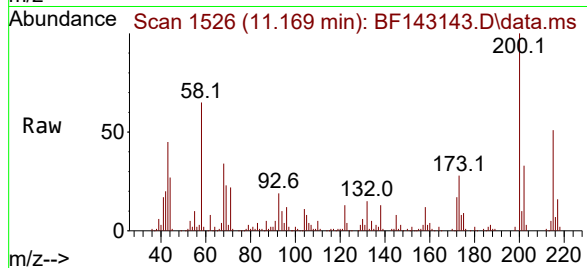
215 51.0 30.1 70.1

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#70

Pentachlorophenol

Concen: 19.957 ng

RT: 11.280 min Scan# 1545

Delta R.T. -0.006 min

Lab File: BF143143.D

Acq: 17 Jul 2025 12:34

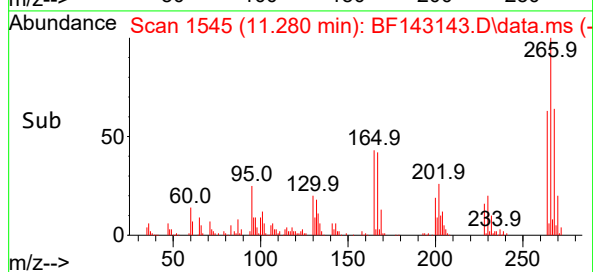
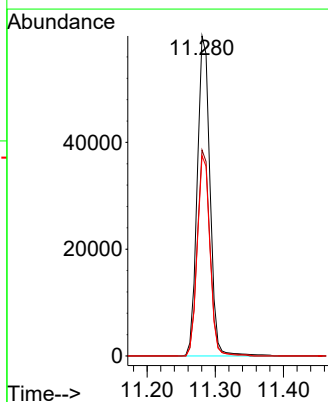
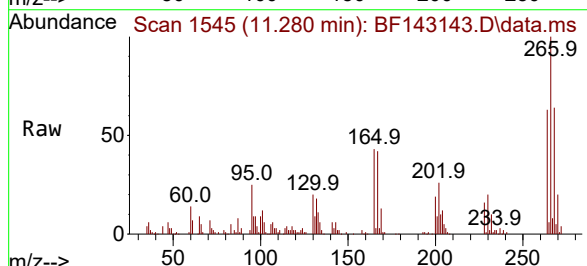
Tgt Ion:266 Resp: 77906

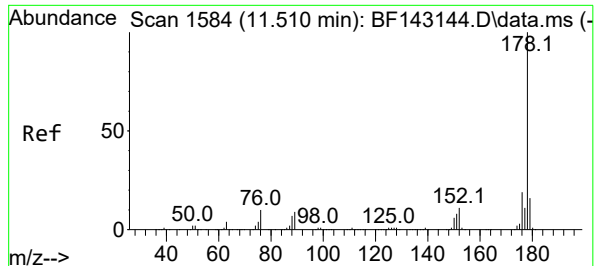
Ion Ratio Lower Upper

266 100

268 64.3 51.9 77.9

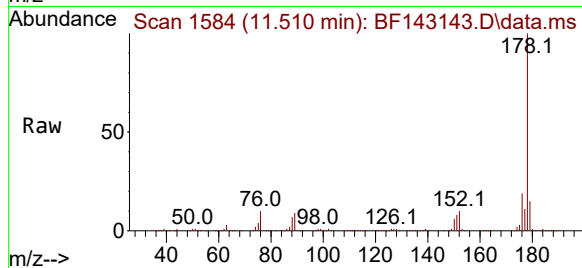
264 62.6 51.0 76.6





#71
Phenanthrene
Concen: 21.042 ng
RT: 11.510 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

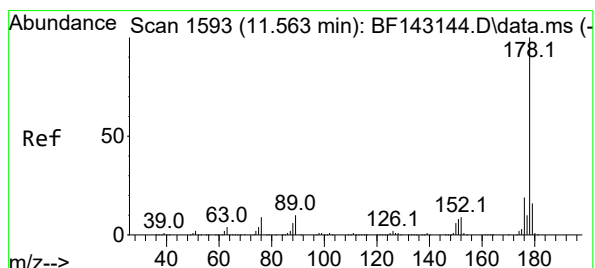
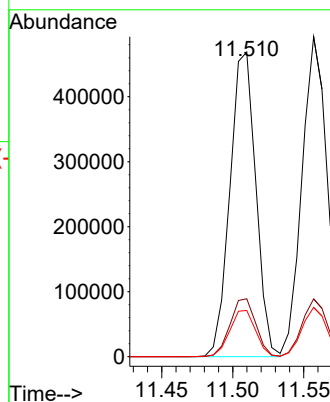
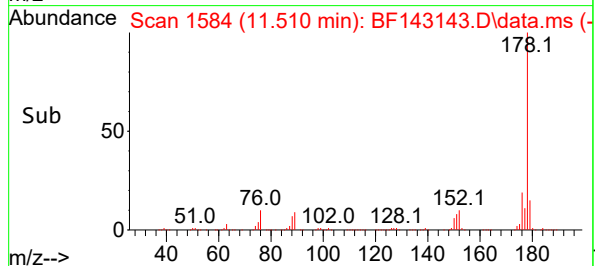
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:178 Resp: 59541
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.2 12.5 18.7

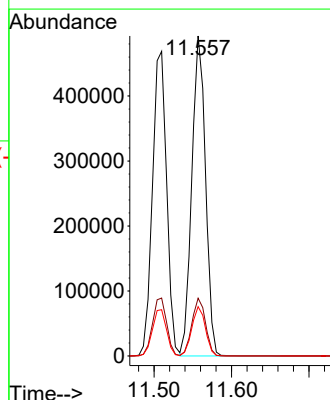
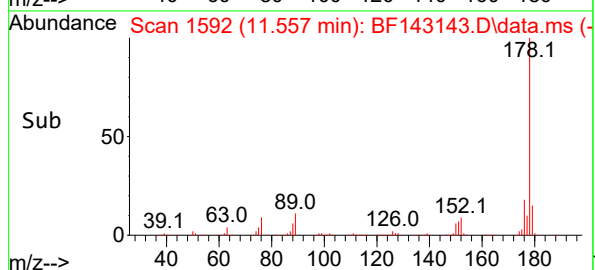
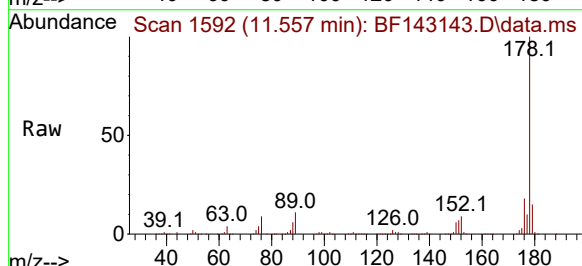
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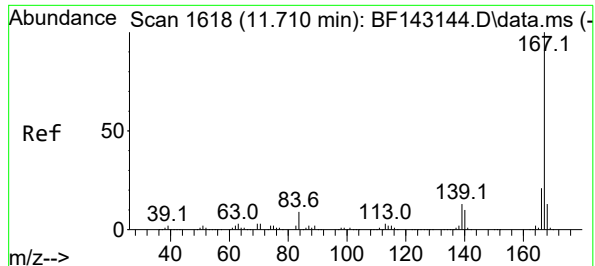
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



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

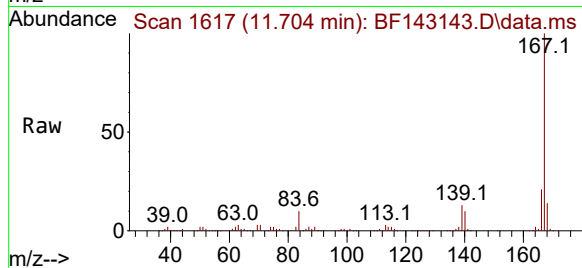
Tgt Ion:178 Resp: 604416
Ion Ratio Lower Upper
178 100
176 18.0 15.0 22.4
179 15.4 12.5 18.7





#73
Carbazole
Concen: 20.769 ng
RT: 11.704 min Scan# 1617
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

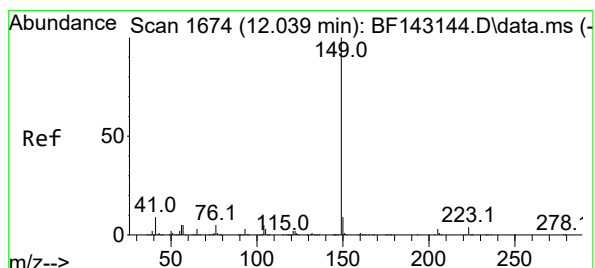
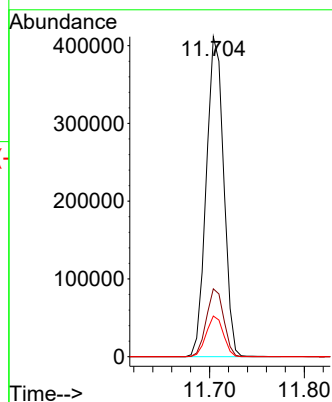
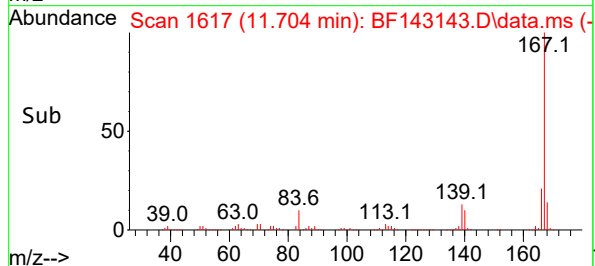
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



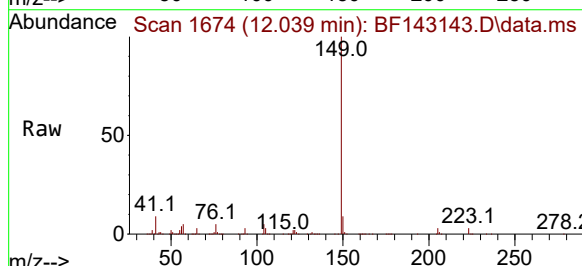
Tgt Ion:167 Resp: 52336
Ion Ratio Lower Upper
167 100
166 21.2 17.0 25.6
139 12.7 10.0 15.0

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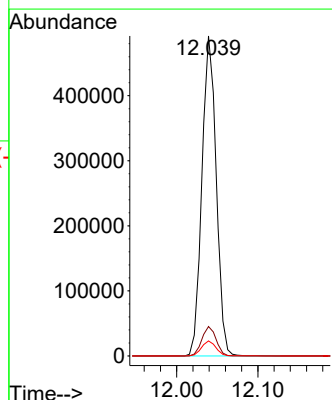
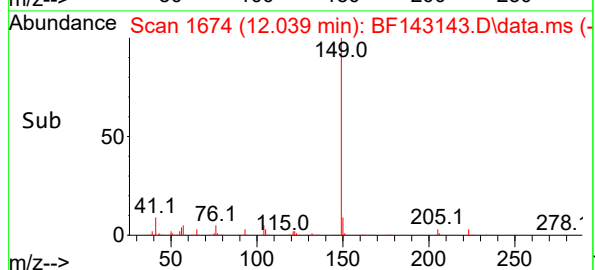
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

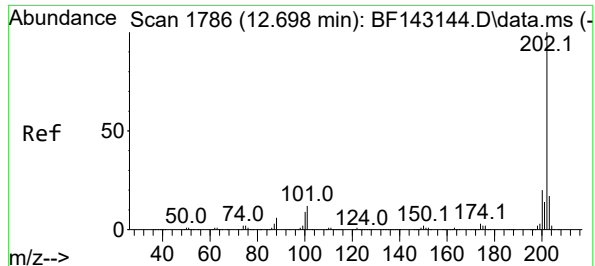


#74
Di-n-butylphthalate
Concen: 21.108 ng
RT: 12.039 min Scan# 1674
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34



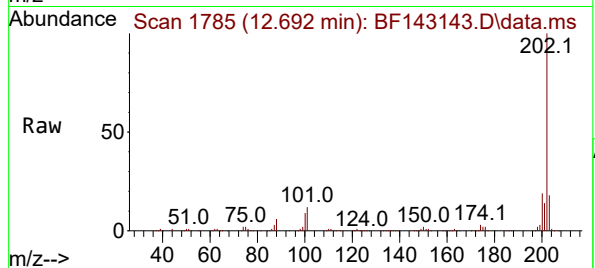
Tgt Ion:149 Resp: 601867
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.2
104 4.7 3.8 5.8





#75
Fluoranthene
Concen: 20.894 ng
RT: 12.692 min Scan# 1786
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

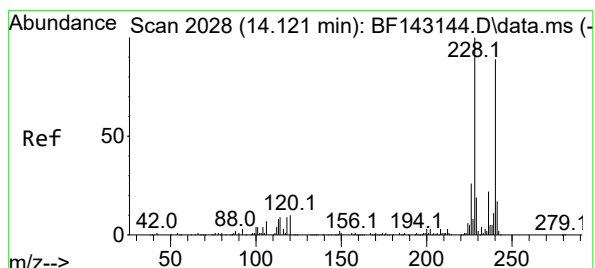
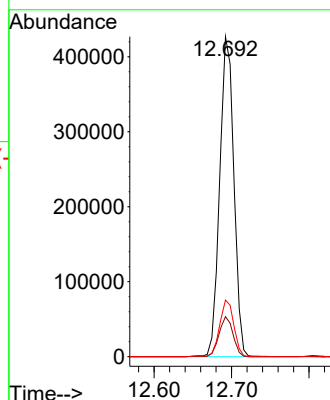
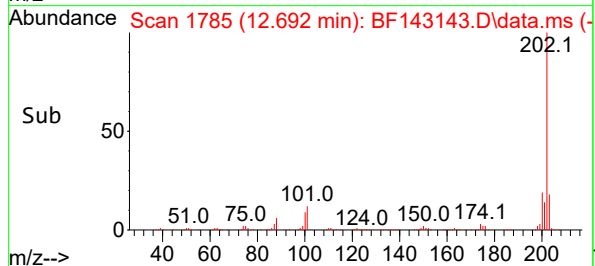
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:202 Resp: 542662
Ion Ratio Lower Upper
202 100
101 12.5 0.0 31.7
203 17.7 0.0 37.4

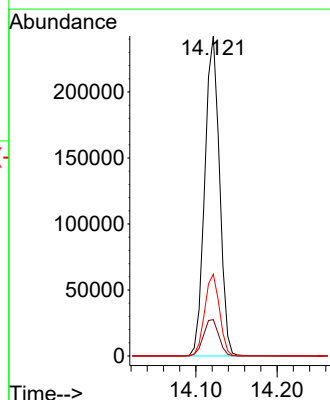
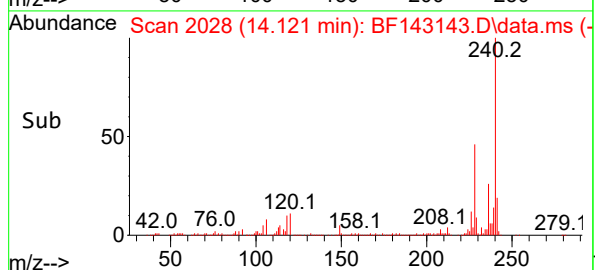
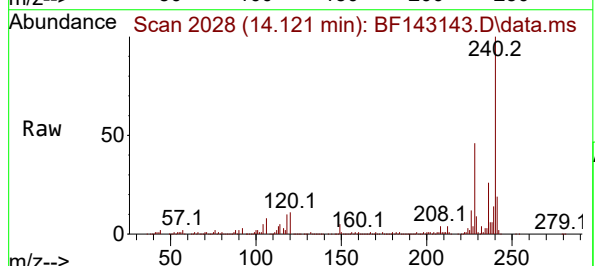
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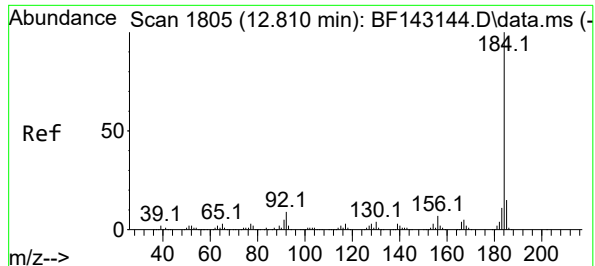
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



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

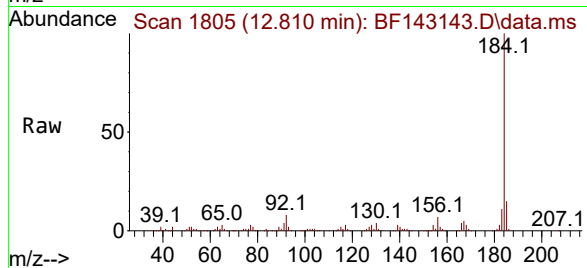
Tgt Ion:240 Resp: 305398
Ion Ratio Lower Upper
240 100
120 11.3 9.4 14.2
236 25.5 20.2 30.4





#77
Benzidine
Concen: 21.919 ng
RT: 12.810 min Scan# 1805
Delta R.T. -0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

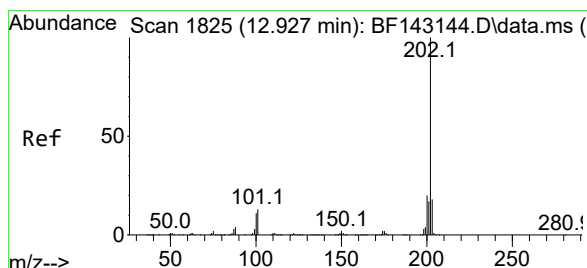
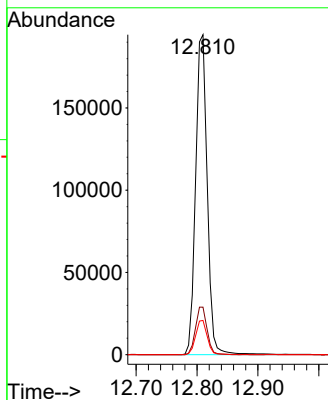
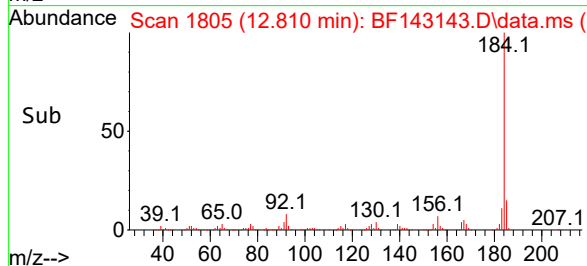
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:184 Resp: 257904
Ion Ratio Lower Upper
184 100
185 14.9 12.2 18.4
183 10.7 9.0 13.4

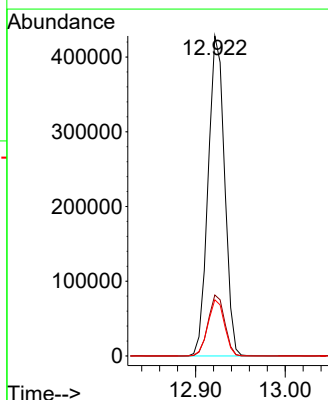
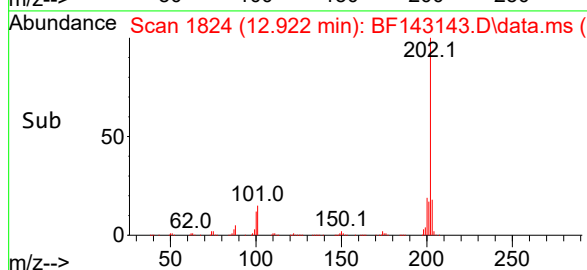
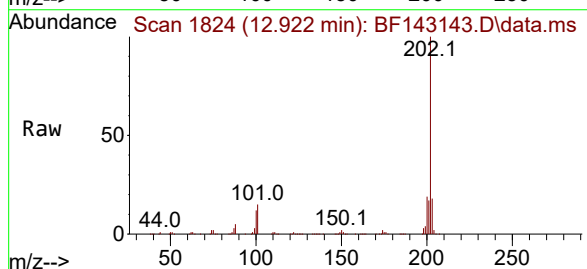
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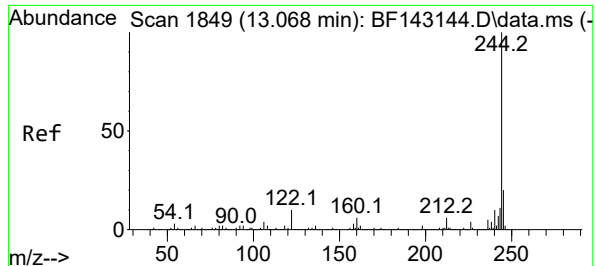
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



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

Tgt Ion:202 Resp: 544650
Ion Ratio Lower Upper
202 100
200 19.1 15.7 23.5
203 17.6 14.2 21.2





#79

Terphenyl-d14

Concen: 42.238 ng

RT: 13.063 min Scan# 1848

Delta R.T. -0.006 min

Lab File: BF143143.D

Acq: 17 Jul 2025 12:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:244 Resp: 866830

Ion Ratio Lower Upper

244 100

212 6.3 5.2 7.8

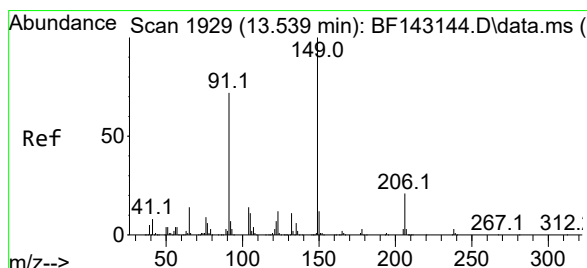
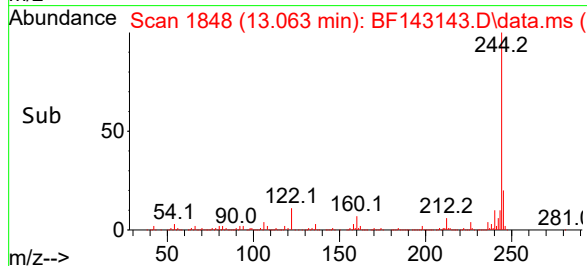
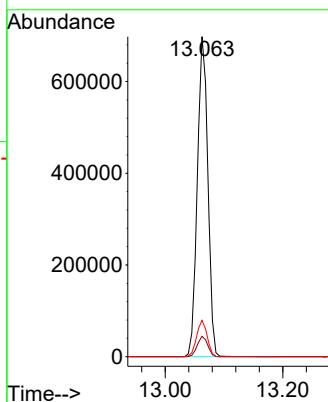
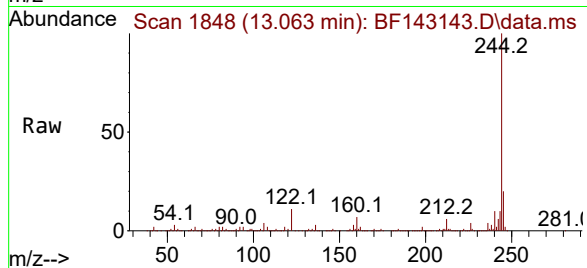
122 11.3 8.2 12.2

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#80

Butylbenzylphthalate

Concen: 20.491 ng

RT: 13.539 min Scan# 1929

Delta R.T. 0.000 min

Lab File: BF143143.D

Acq: 17 Jul 2025 12:34

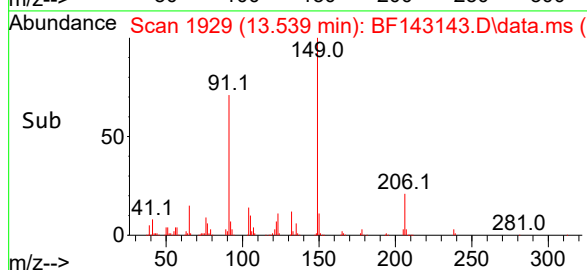
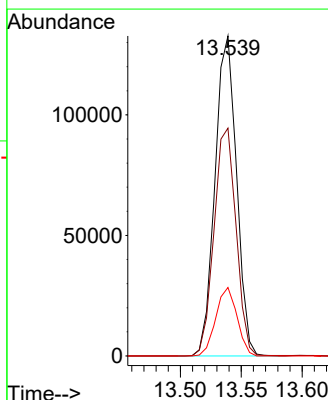
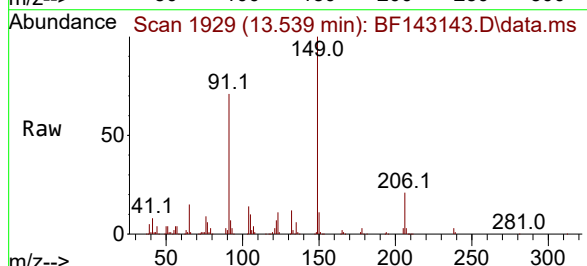
Tgt Ion:149 Resp: 163546

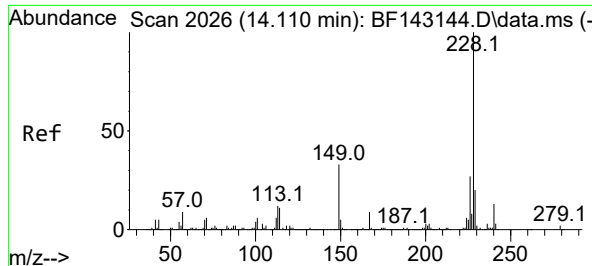
Ion Ratio Lower Upper

149 100

91 71.2 57.9 86.9

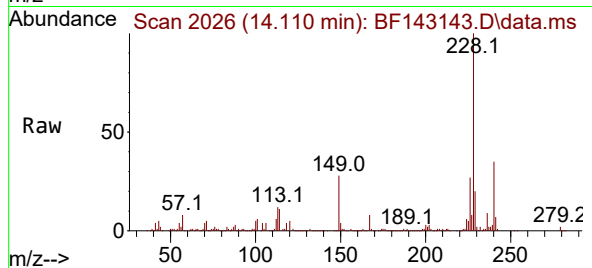
206 21.4 17.0 25.4





#81
Benzo(a)anthracene
Concen: 20.629 ng
RT: 14.110 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

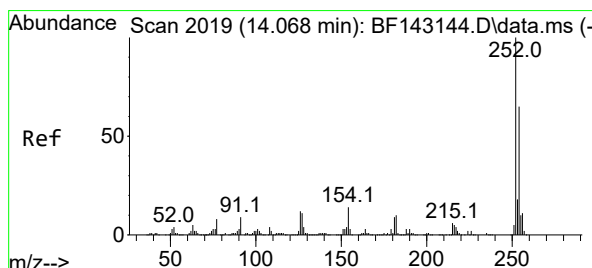
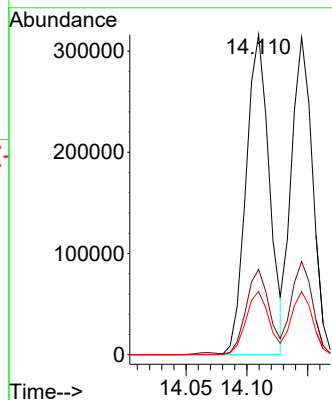
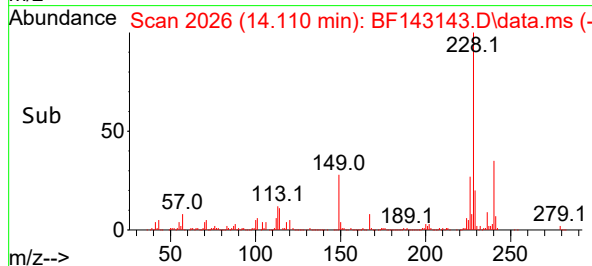
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



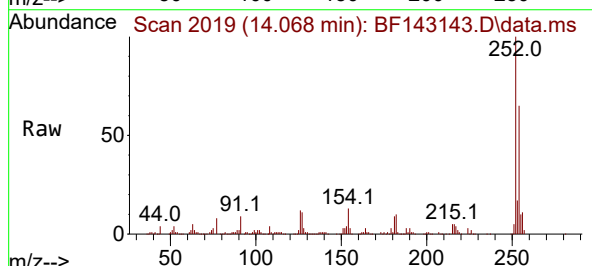
Tgt Ion:228 Resp: 42179
Ion Ratio Lower Upper
228 100
226 26.6 21.7 32.5
229 19.8 15.8 23.6

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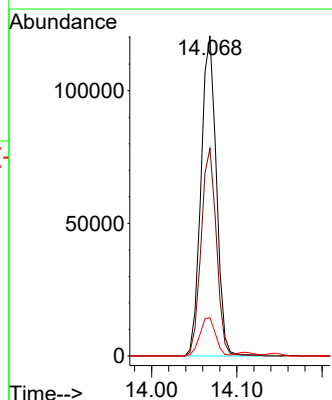
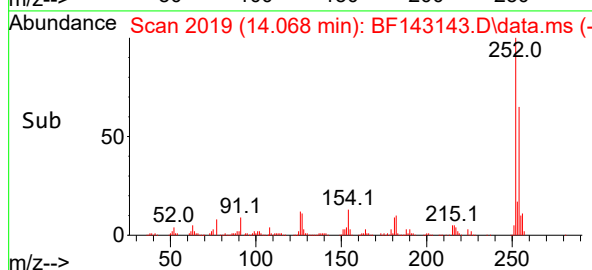
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

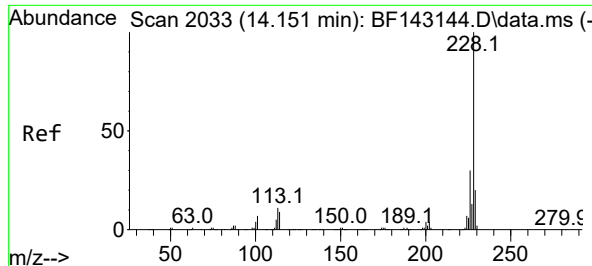


#82
3,3'-Dichlorobenzidine
Concen: 22.181 ng
RT: 14.068 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34



Tgt Ion:252 Resp: 151153
Ion Ratio Lower Upper
252 100
254 64.9 51.7 77.5
126 12.0 9.4 14.0





#83

Chrysene

Concen: 20.714 ng

RT: 14.145 min Scan# 2033

Delta R.T. -0.006 min

Lab File: BF143143.D

Acq: 17 Jul 2025 12:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:228 Resp: 380799

Ion Ratio Lower Upper

228 100

226 29.3 23.8 35.8

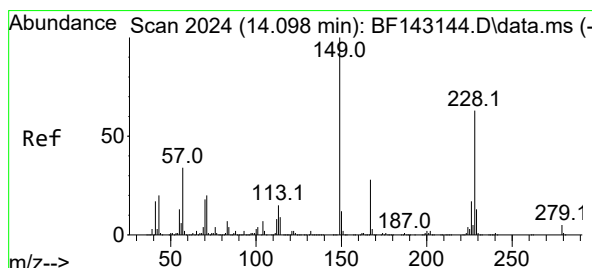
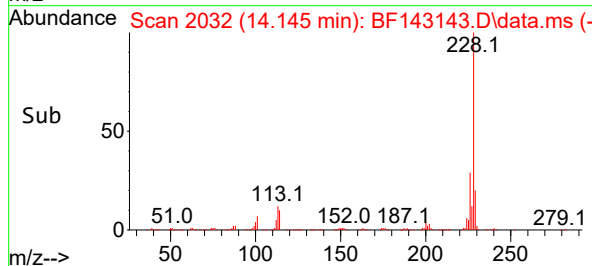
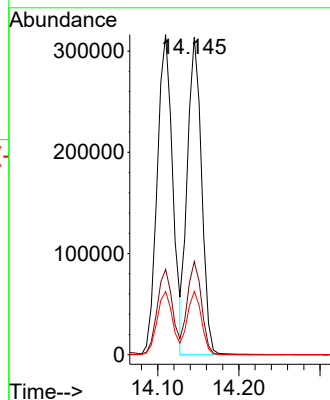
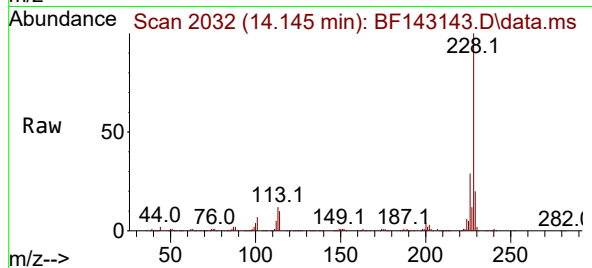
229 19.9 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 20.839 ng

RT: 14.098 min Scan# 2024

Delta R.T. 0.000 min

Lab File: BF143143.D

Acq: 17 Jul 2025 12:34

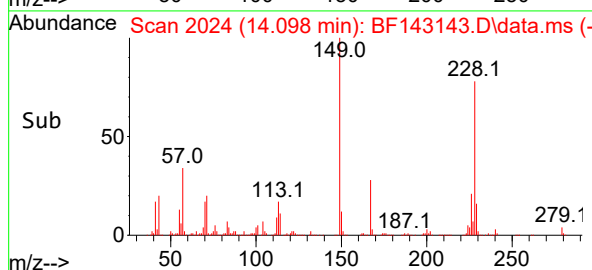
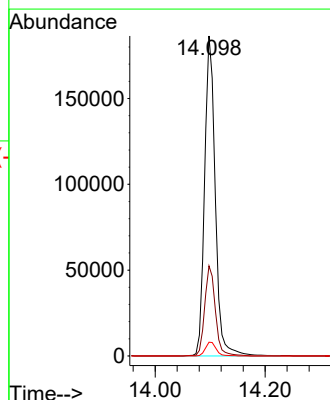
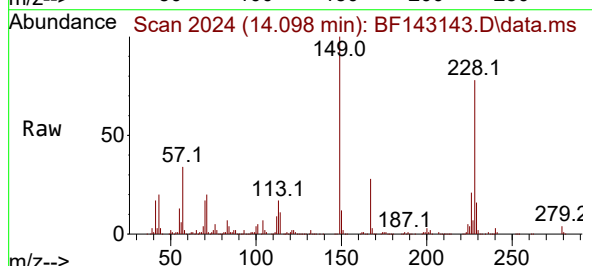
Tgt Ion:149 Resp: 251739

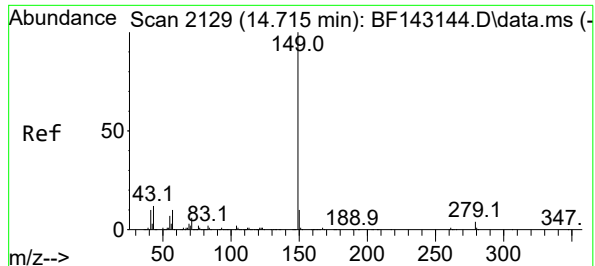
Ion Ratio Lower Upper

149 100

167 28.2 22.3 33.5

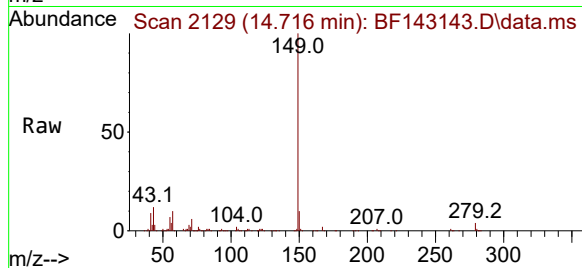
279 4.3 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 19.916 ng
RT: 14.716 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

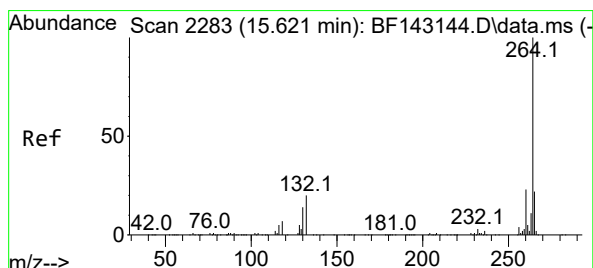
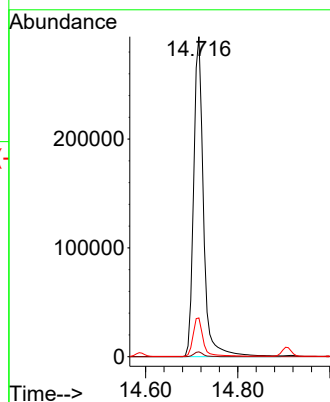
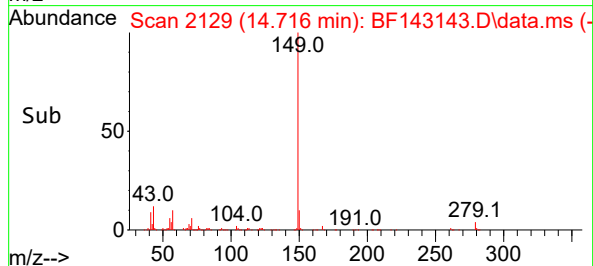
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:149 Resp: 436102
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 12.4 9.7 14.5

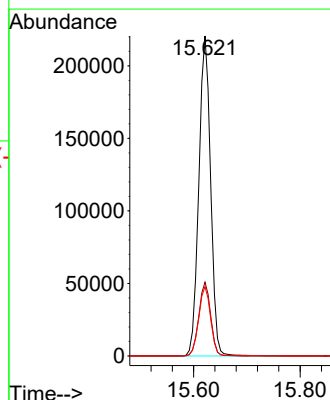
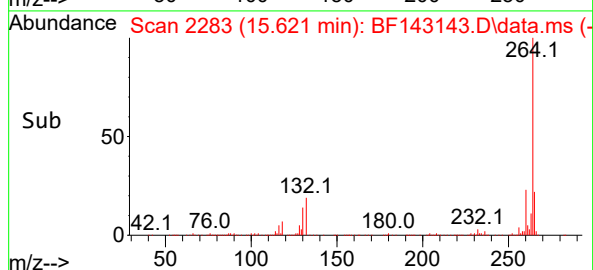
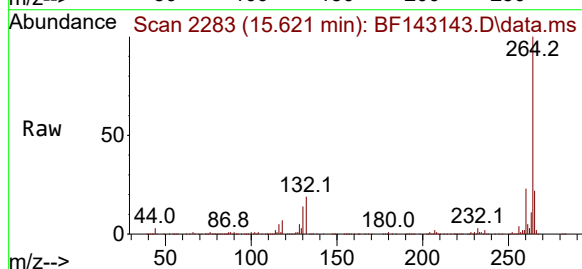
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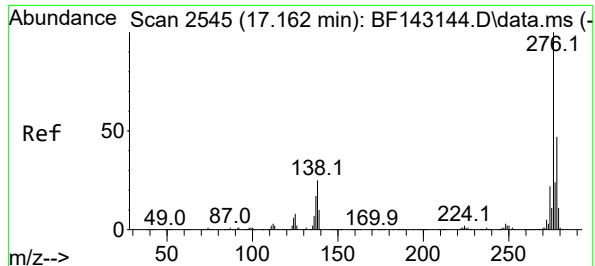
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



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

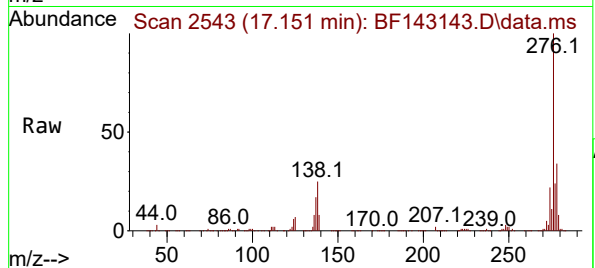
Tgt Ion:264 Resp: 338518
Ion Ratio Lower Upper
264 100
260 23.1 18.5 27.7
265 21.7 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 20.286 ng
RT: 17.151 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

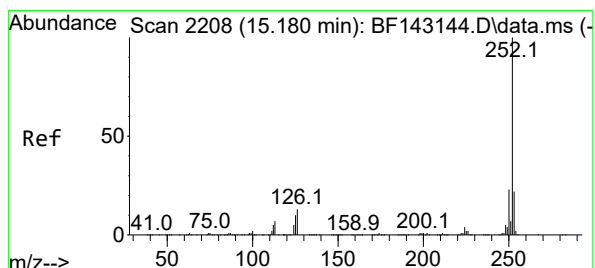
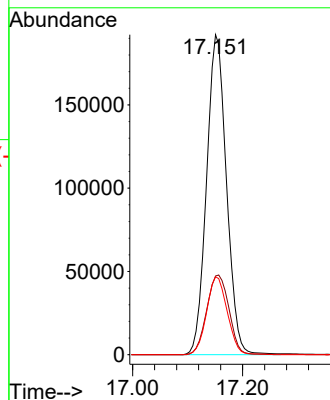
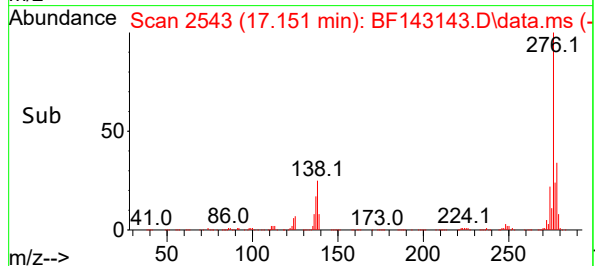
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:276 Resp: 484240
Ion Ratio Lower Upper
276 100
138 27.8 21.8 32.6
277 25.3 20.0 30.0

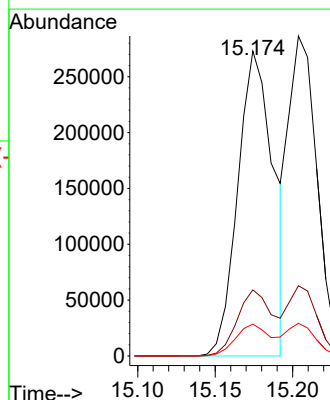
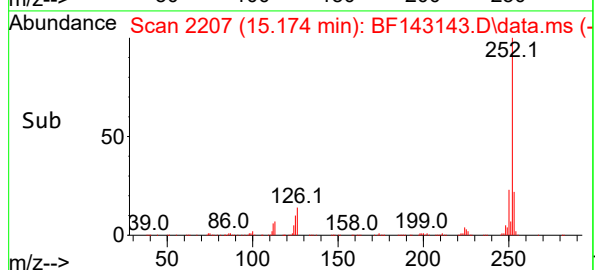
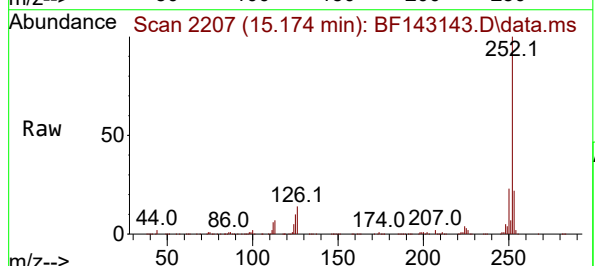
Manual Integrations
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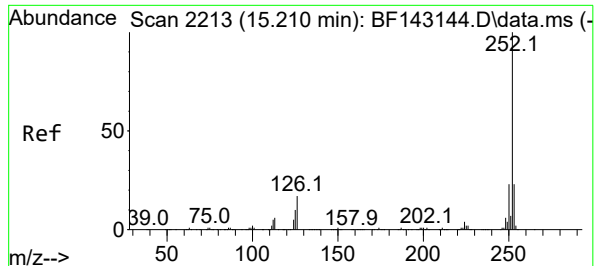
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



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

Tgt Ion:252 Resp: 435747
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 10.4 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 20.044 ng

RT: 15.204 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143143.D

Acq: 17 Jul 2025 12:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:252 Resp: 369899

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

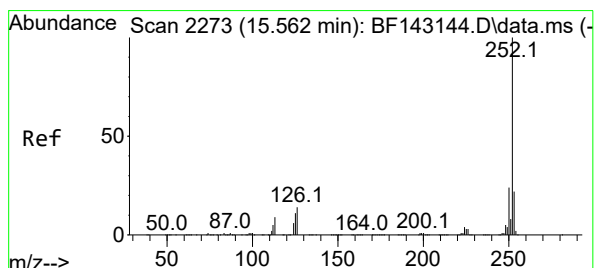
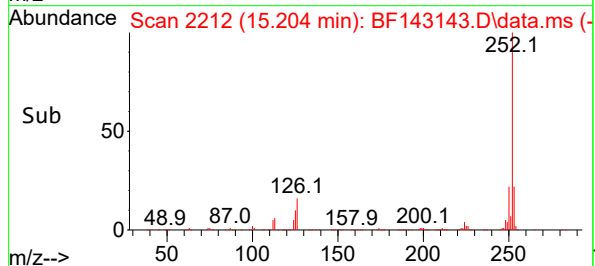
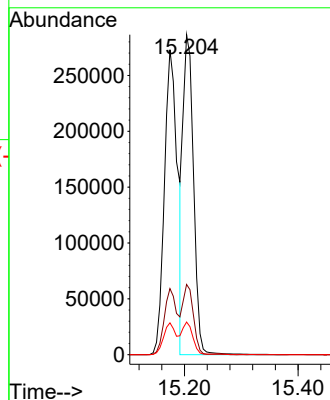
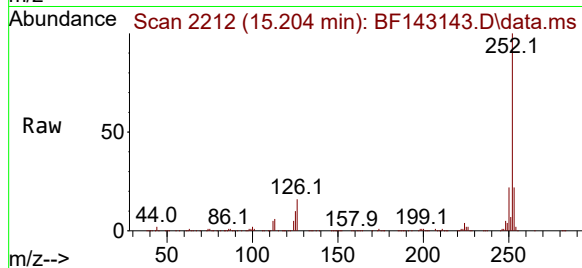
125 10.2 8.1 12.1

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#90

Benzo(a)pyrene

Concen: 20.371 ng

RT: 15.557 min Scan# 2272

Delta R.T. -0.006 min

Lab File: BF143143.D

Acq: 17 Jul 2025 12:34

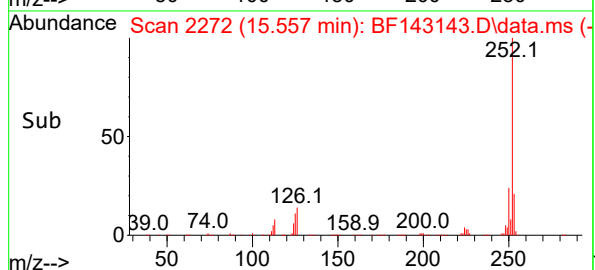
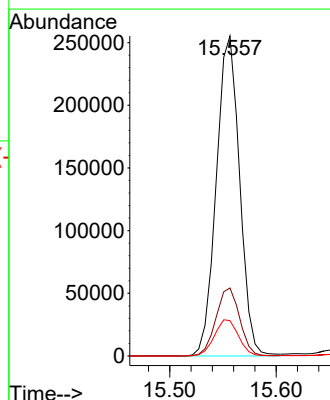
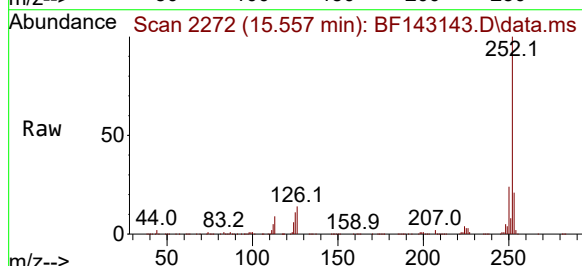
Tgt Ion:252 Resp: 388136

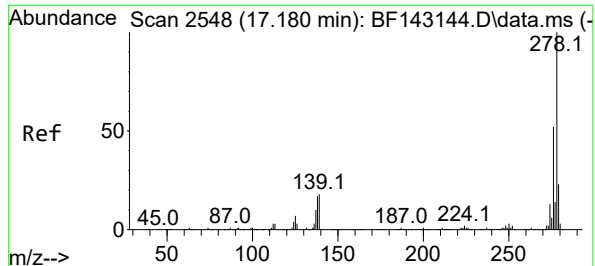
Ion Ratio Lower Upper

252 100

253 21.2 17.3 25.9

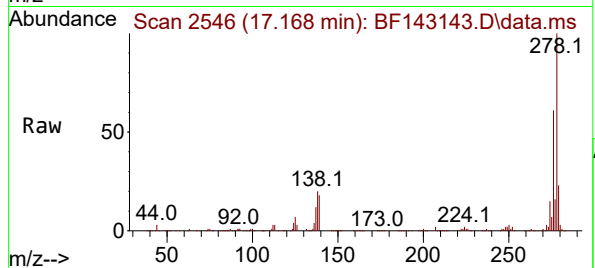
125 11.0 8.6 13.0





#91
Dibenzo(a,h)anthracene
Concen: 20.534 ng
RT: 17.168 min Scan# 2548
Delta R.T. -0.012 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

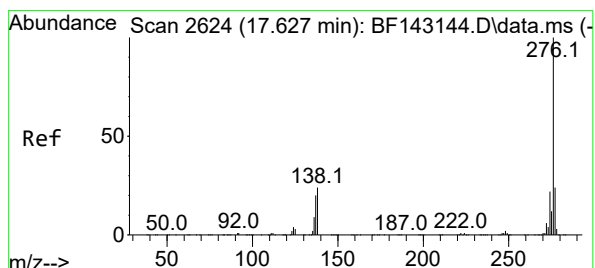
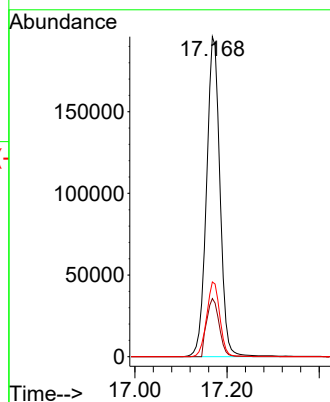
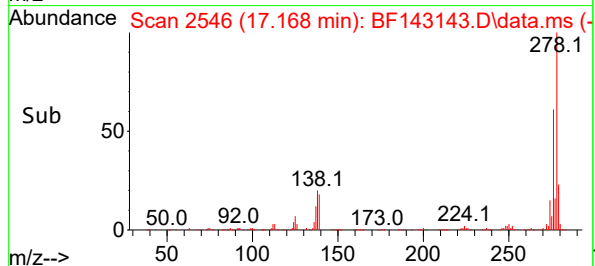
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:278 Resp: 398949
Ion Ratio Lower Upper
278 100
139 18.2 14.1 21.1
279 23.4 18.6 28.0

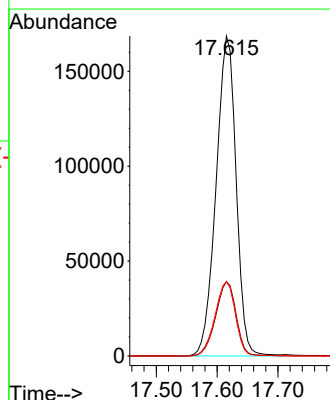
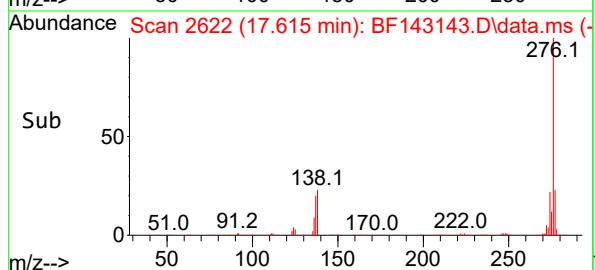
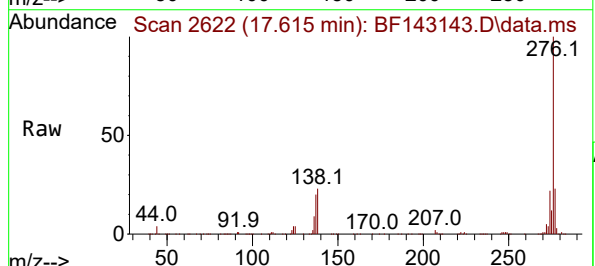
Manual Integrations
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Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



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

Tgt Ion:276 Resp: 385915
Ion Ratio Lower Upper
276 100
277 23.3 19.1 28.7
138 23.3 18.9 28.3



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

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

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

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	167098	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	641413	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	331881	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	542726	20.000	ng	0.00
76) Chrysene-d12	14.121	240	296414	20.000	ng	0.00
86) Perylene-d12	15.621	264	323574	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	823062	77.946	ng	0.00
7) Phenol-d6	6.587	99	1038821	78.160	ng	0.00
23) Nitrobenzene-d5	7.522	82	1023138	79.512	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	279373	81.485	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1802398	74.274	ng	0.00
79) Terphenyl-d14	13.068	244	1554923	78.063	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.822	88	200396	40.108	ng	100
3) Pyridine	3.587	79	511417	39.435	ng	100
4) n-Nitrosodimethylamine	3.534	42	270676	40.426	ng	100
6) Aniline	6.622	93	736668	39.770	ng	100
8) 2-Chlorophenol	6.745	128	437914	39.565	ng	100
9) Benzaldehyde	6.516	77	482238	48.387	ng	100
10) Phenol	6.598	94	571741m	39.487	ng	
11) bis(2-Chloroethyl)ether	6.692	93	435450	39.279	ng	100
12) 1,3-Dichlorobenzene	6.904	146	468194	38.939	ng	100
13) 1,4-Dichlorobenzene	6.981	146	474015	39.147	ng	100
14) 1,2-Dichlorobenzene	7.134	146	448808	38.970	ng	100
15) Benzyl Alcohol	7.098	79	406107	40.017	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.234	45	808980	39.337	ng	100
17) 2-Methylphenol	7.204	107	366495	39.381	ng	100
18) Hexachloroethane	7.481	117	165263	39.425	ng	100
19) n-Nitroso-di-n-propyla...	7.375	70	329619	38.656	ng	100
20) 3+4-Methylphenols	7.357	107	448100	39.685	ng	100
22) Acetophenone	7.369	105	583796	38.444	ng	100
24) Nitrobenzene	7.545	77	481500	40.136	ng	100
25) Isophorone	7.781	82	888017	39.093	ng	100
26) 2-Nitrophenol	7.857	139	220354	42.323	ng	100
27) 2,4-Dimethylphenol	7.886	122	416128	39.210	ng	100
28) bis(2-Chloroethoxy)met...	7.986	93	529258	38.860	ng	100
29) 2,4-Dichlorophenol	8.098	162	353866	39.537	ng	100
30) 1,2,4-Trichlorobenzene	8.186	180	376590	38.947	ng	100
31) Naphthalene	8.269	128	1224033	38.749	ng	100
32) Benzoic acid	7.992	122	230958m	39.680	ng	
33) 4-Chloroaniline	8.310	127	500402	38.796	ng	100
34) Hexachlorobutadiene	8.386	225	231609	39.211	ng	100
35) Caprolactam	8.681	113	111733	41.312	ng	100
36) 4-Chloro-3-methylphenol	8.781	107	385507	39.628	ng	100
37) 2-Methylnaphthalene	8.957	142	744295	38.720	ng	100
38) 1-Methylnaphthalene	9.057	142	768508	38.825	ng	100
40) 1,2,4,5-Tetrachloroben...	9.122	216	365234	38.118	ng	100
41) Hexachlorocyclopentadiene	9.116	237	247480	39.695	ng	100
43) 2,4,6-Trichlorophenol	9.228	196	255115	38.471	ng	100

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

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

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

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

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

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

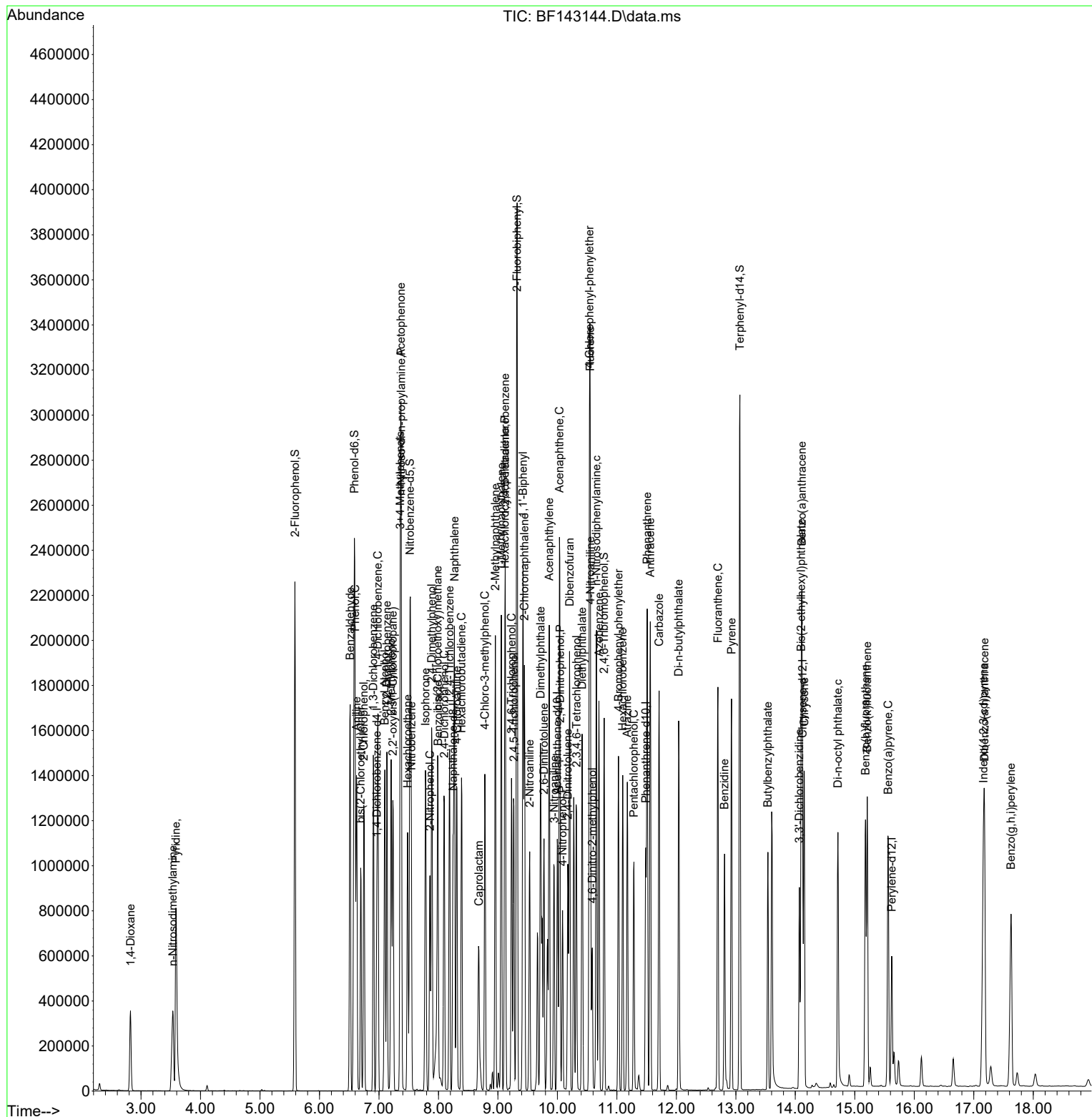
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143144.D
Acq On : 17 Jul 2025 13:03
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

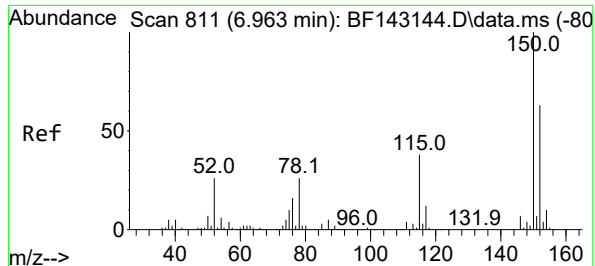
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

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

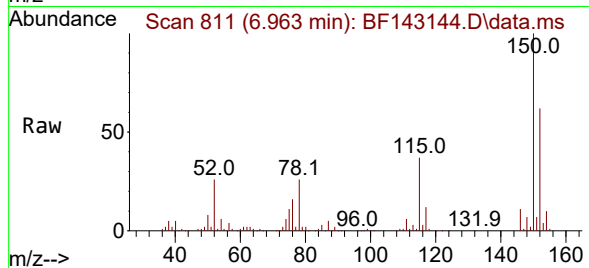
Quant Time: Jul 17 15:03:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

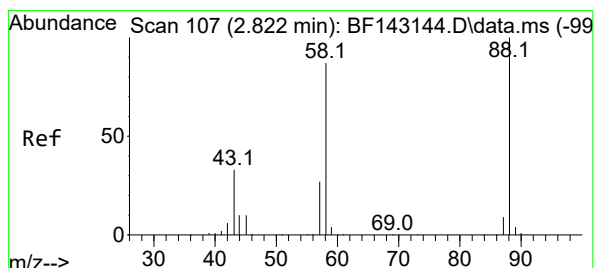
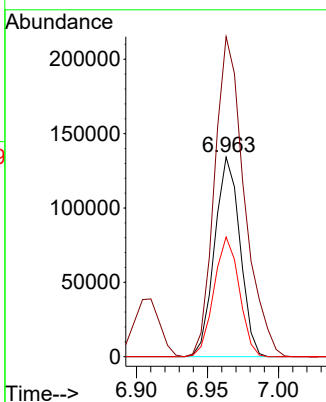
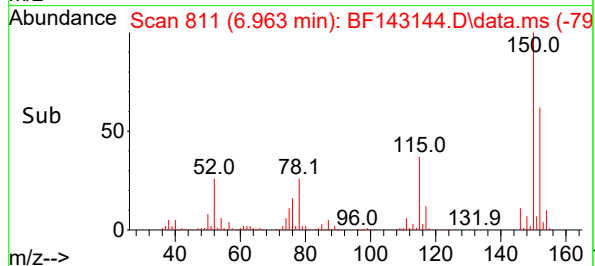
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:152 Resp: 167098
Ion Ratio Lower Upper
152 100
150 160.3 128.2 192.4
115 59.9 47.9 71.9

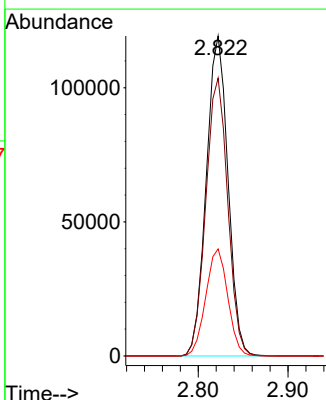
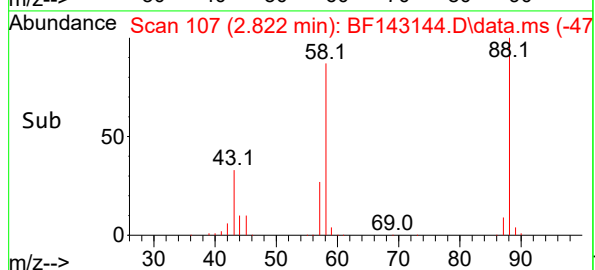
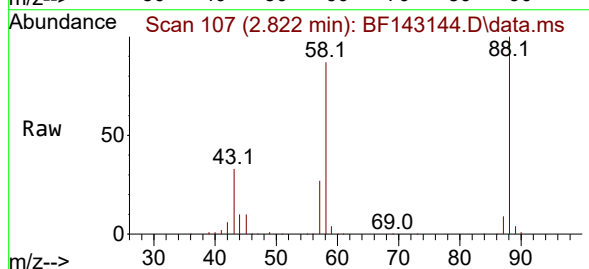
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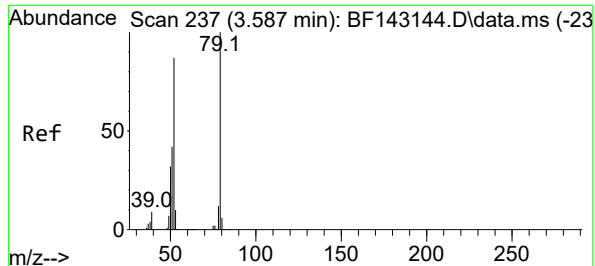
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



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

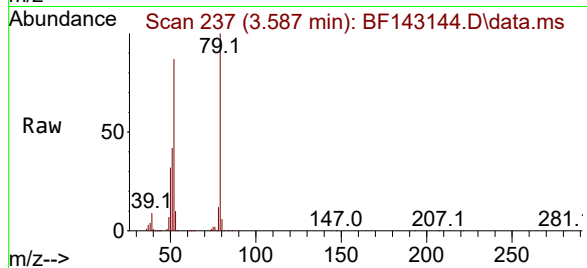
Tgt Ion: 88 Resp: 200396
Ion Ratio Lower Upper
88 100
58 87.7 70.2 105.2
43 33.9 27.1 40.7





#3
Pyridine
Concen: 39.435 ng
RT: 3.587 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

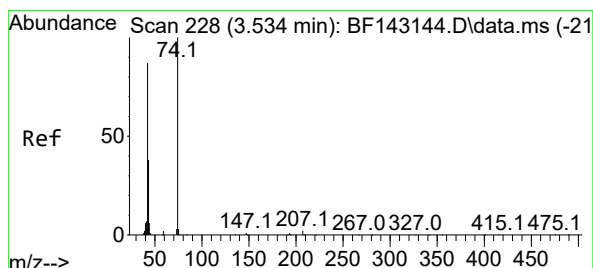
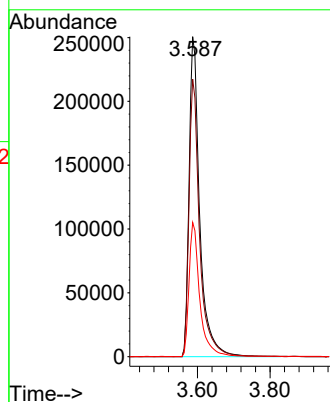
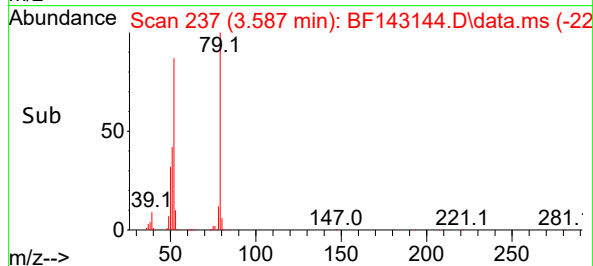
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion: 79 Resp: 51141
Ion Ratio Lower Upper
79 100
52 86.8 69.4 104.2
51 41.9 33.5 50.3

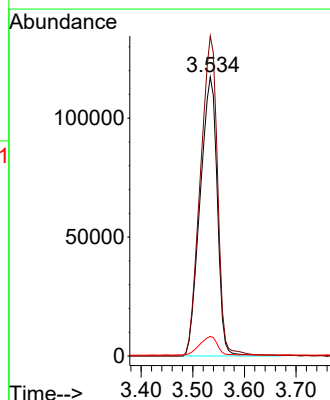
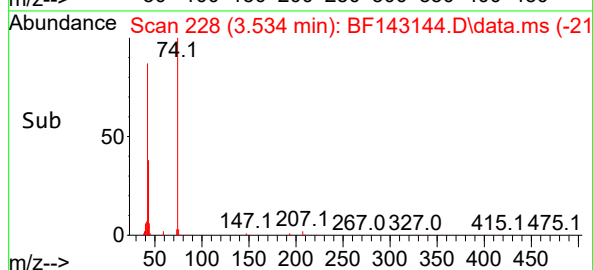
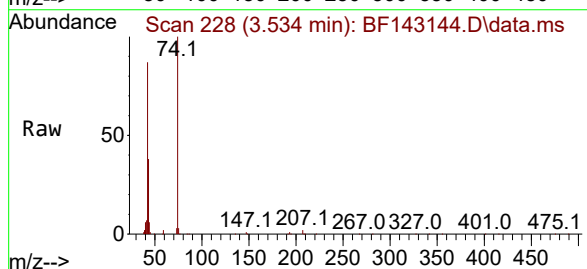
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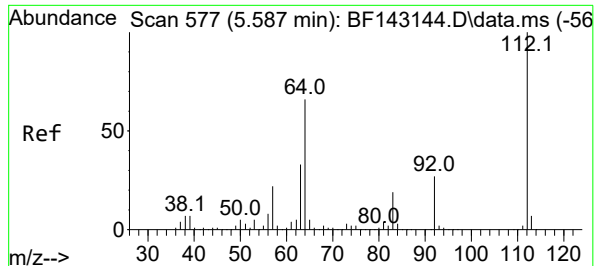
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#4
n-Nitrosodimethylamine
Concen: 40.426 ng
RT: 3.534 min Scan# 228
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

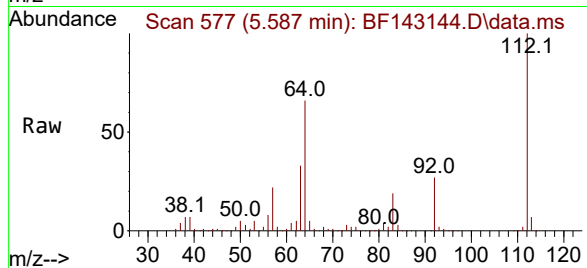
Tgt Ion: 42 Resp: 270676
Ion Ratio Lower Upper
42 100
74 114.6 91.7 137.5
44 7.0 5.6 8.4





#5
2-Fluorophenol
Concen: 77.946 ng
RT: 5.587 min Scan# 511
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

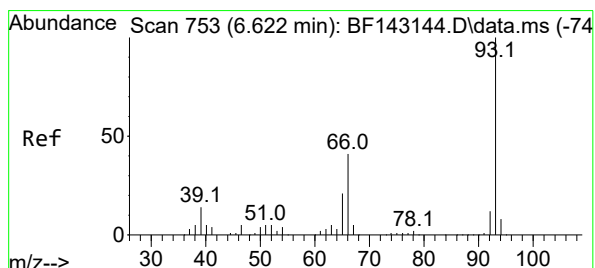
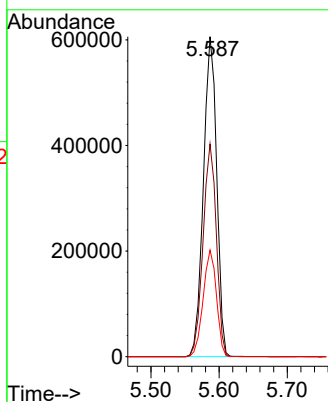
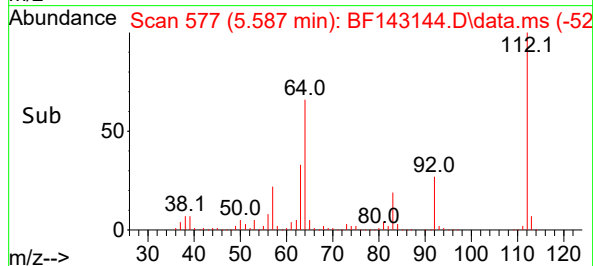
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:112 Resp: 823062
Ion Ratio Lower Upper
112 100
64 66.4 53.1 79.7
63 33.3 26.6 40.0

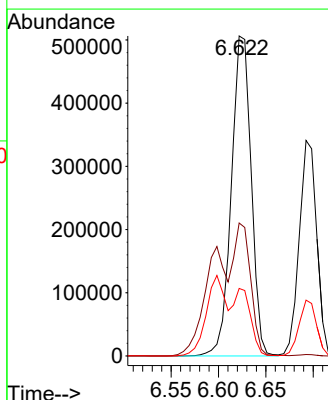
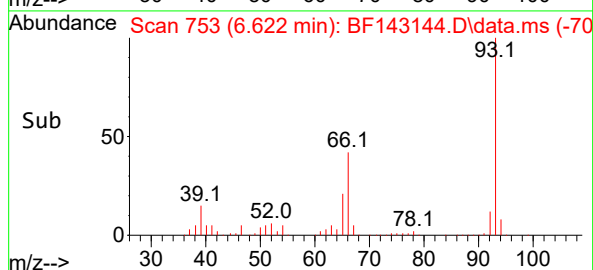
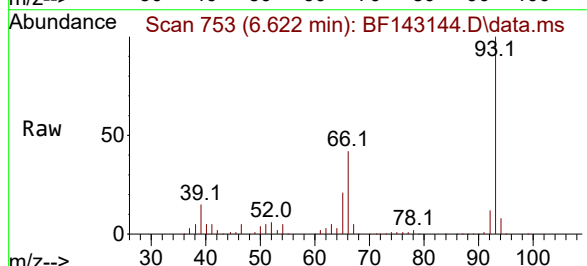
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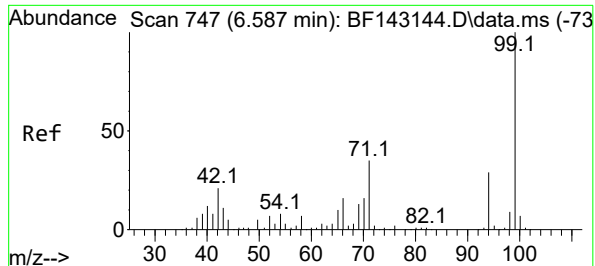
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#6
Aniline
Concen: 39.770 ng
RT: 6.622 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 93 Resp: 736668
Ion Ratio Lower Upper
93 100
66 41.5 33.2 49.8
65 21.1 16.9 25.3





#7

Phenol-d6

Concen: 78.160 ng

RT: 6.587 min Scan# 747

Delta R.T. 0.000 min

Lab File: BF143144.D

Acq: 17 Jul 2025 13:03

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 99 Resp: 103882

Ion Ratio Lower Upper

99 100

42 21.3 17.0 25.6

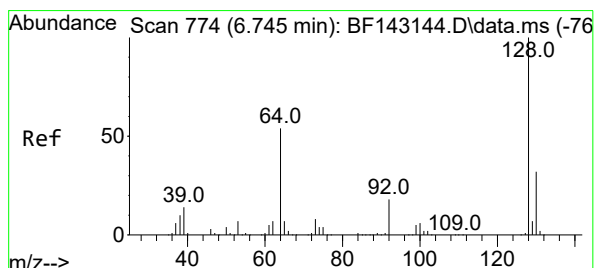
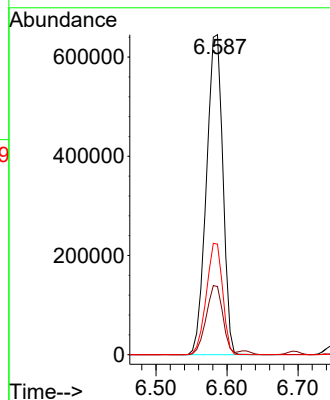
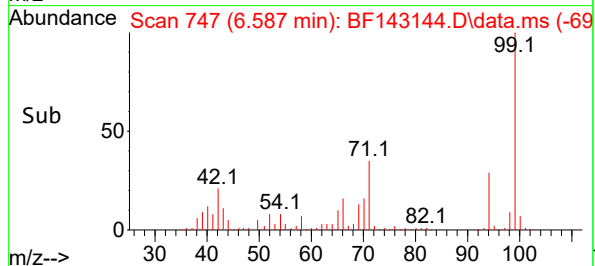
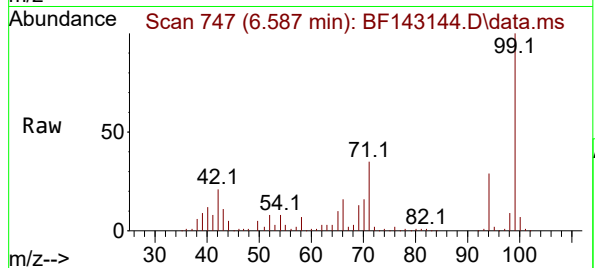
71 34.6 27.7 41.5

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#8

2-Chlorophenol

Concen: 39.565 ng

RT: 6.745 min Scan# 774

Delta R.T. 0.000 min

Lab File: BF143144.D

Acq: 17 Jul 2025 13:03

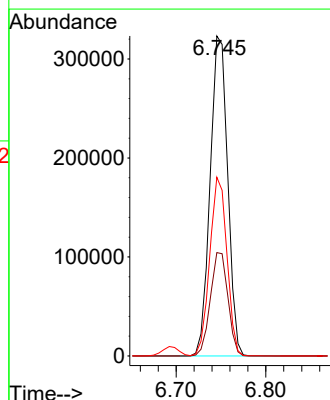
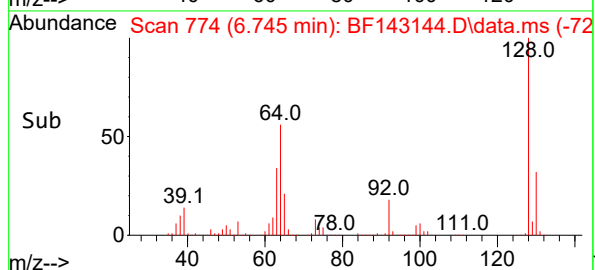
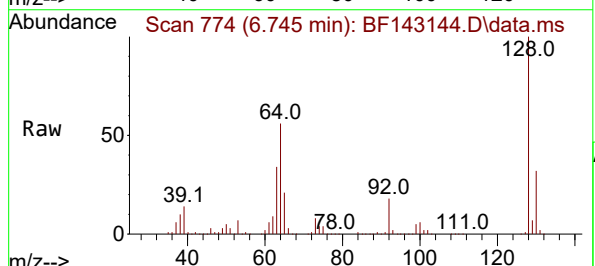
Tgt Ion:128 Resp: 437914

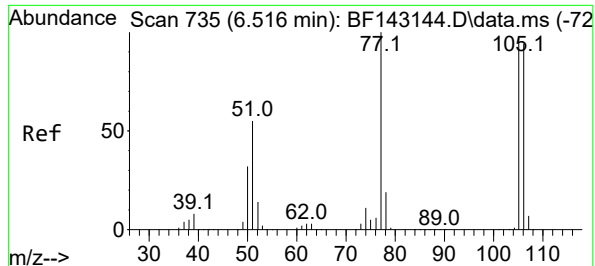
Ion Ratio Lower Upper

128 100

130 32.3 12.3 52.3

64 55.9 35.9 75.9





#9

Benzaldehyde

Concen: 48.387 ng

RT: 6.516 min Scan# 735

Delta R.T. 0.000 min

Lab File: BF143144.D

Acq: 17 Jul 2025 13:03

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 77 Resp: 482238

Ion Ratio Lower Upper

77 100

105 96.8 76.8 116.8

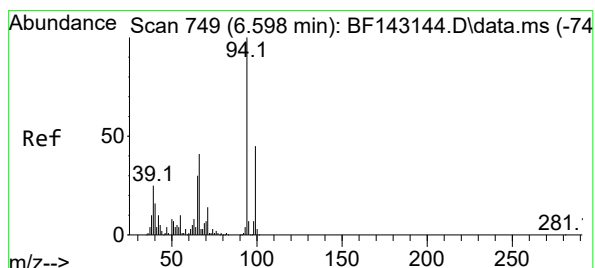
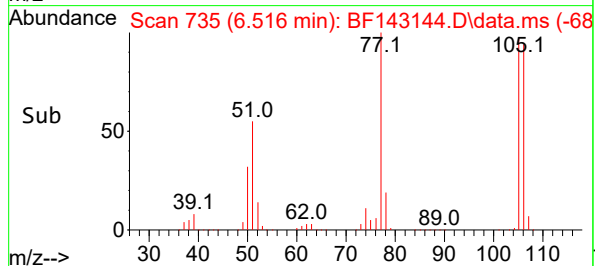
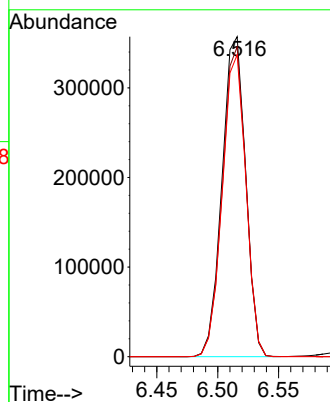
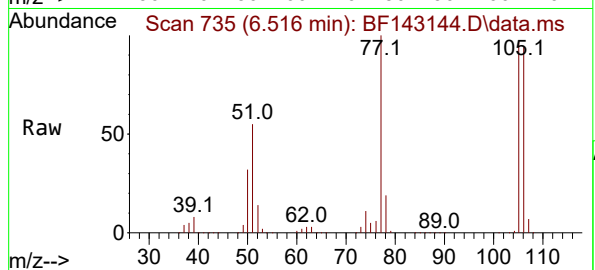
106 94.4 74.4 114.4

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#10

Phenol

Concen: 39.487 ng m

RT: 6.598 min Scan# 749

Delta R.T. 0.000 min

Lab File: BF143144.D

Acq: 17 Jul 2025 13:03

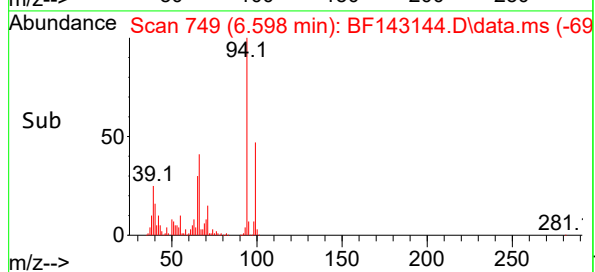
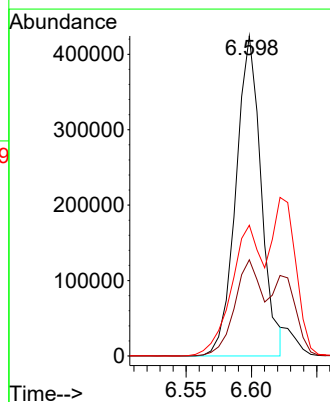
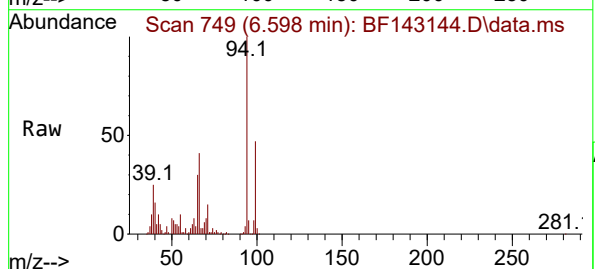
Tgt Ion: 94 Resp: 571741

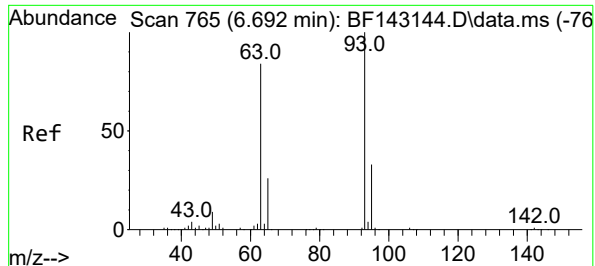
Ion Ratio Lower Upper

94 100

65 30.0 10.0 50.0

66 40.8 20.8 60.8





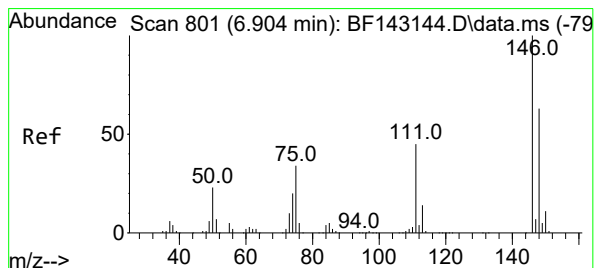
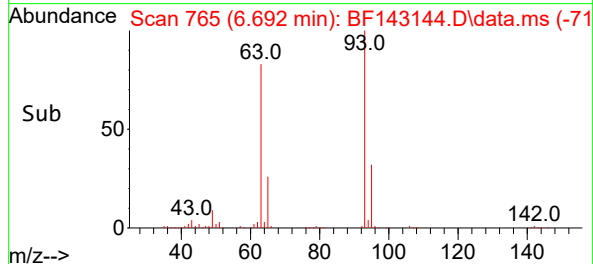
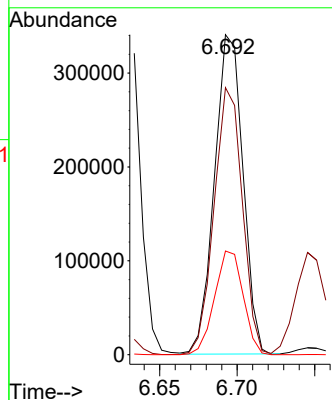
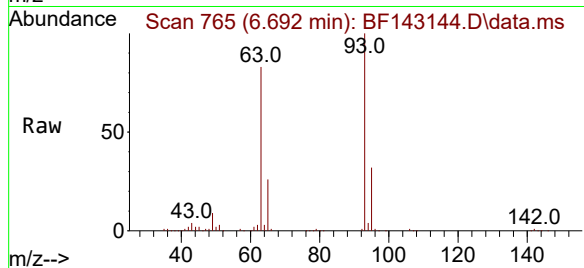
#11
bis(2-Chloroethyl)ether
Concen: 39.279 ng
RT: 6.692 min Scan# 765
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 93 Resp: 435450
Ion Ratio Lower Upper
93 100
63 83.4 63.4 103.4
95 32.4 12.4 52.4

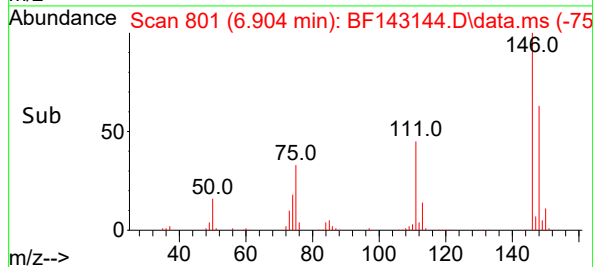
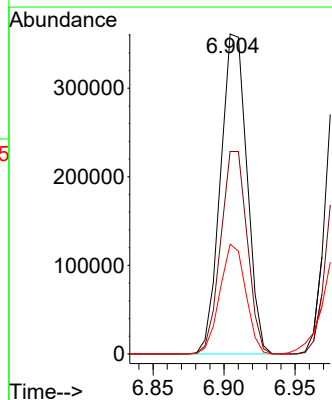
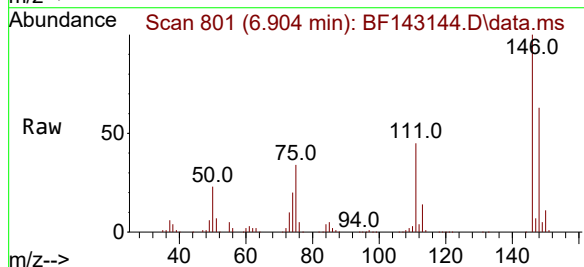
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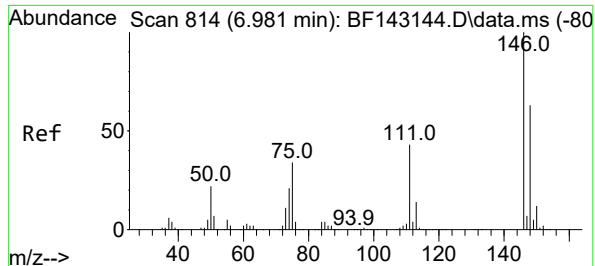
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#12
1,3-Dichlorobenzene
Concen: 38.939 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:146 Resp: 468194
Ion Ratio Lower Upper
146 100
148 63.3 50.6 76.0
75 34.3 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 39.147 ng

RT: 6.981 min Scan# 814

Delta R.T. 0.000 min

Lab File: BF143144.D

Acq: 17 Jul 2025 13:03

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:146 Resp: 474015

Ion Ratio Lower Upper

146 100

148 62.9 50.3 75.5

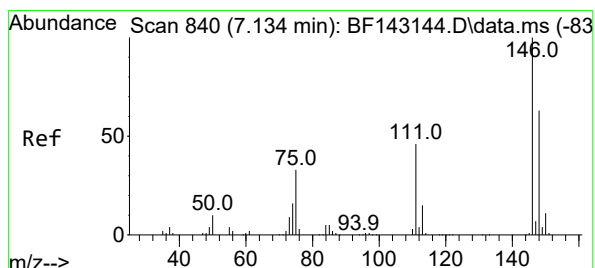
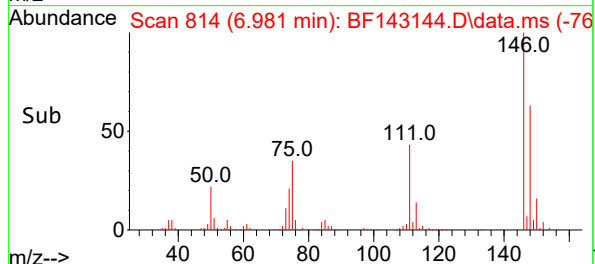
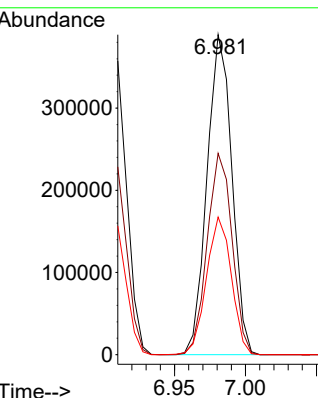
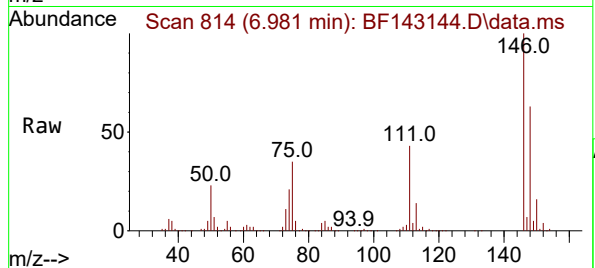
111 43.0 34.4 51.6

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#14

1,2-Dichlorobenzene

Concen: 38.970 ng

RT: 7.134 min Scan# 840

Delta R.T. 0.000 min

Lab File: BF143144.D

Acq: 17 Jul 2025 13:03

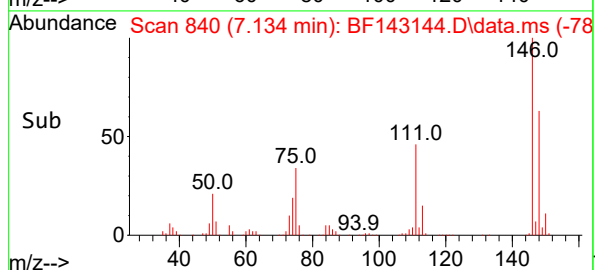
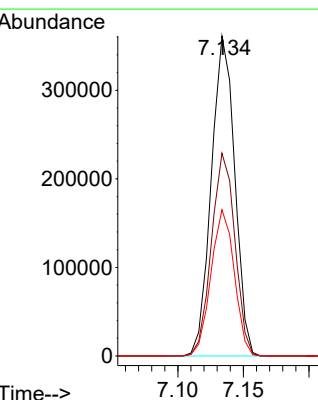
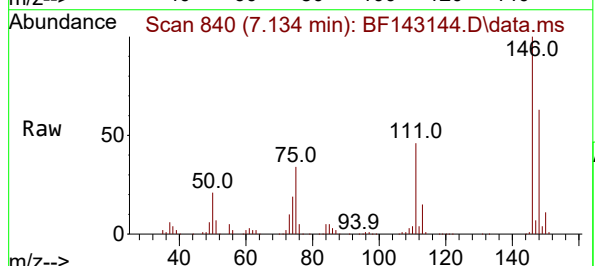
Tgt Ion:146 Resp: 448808

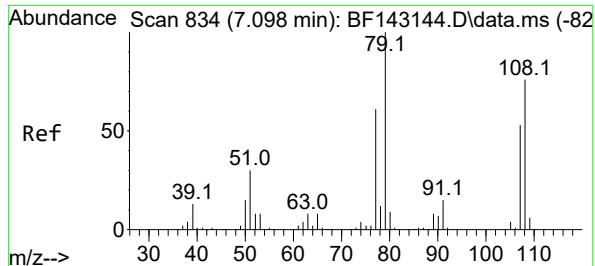
Ion Ratio Lower Upper

146 100

148 63.4 50.7 76.1

111 45.7 36.6 54.8





#15

Benzyl Alcohol

Concen: 40.017 ng

RT: 7.098 min Scan# 834

Delta R.T. 0.000 min

Lab File: BF143144.D

Acq: 17 Jul 2025 13:03

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 79 Resp: 406107

Ion Ratio Lower Upper

79 100

108 76.4 61.1 91.7

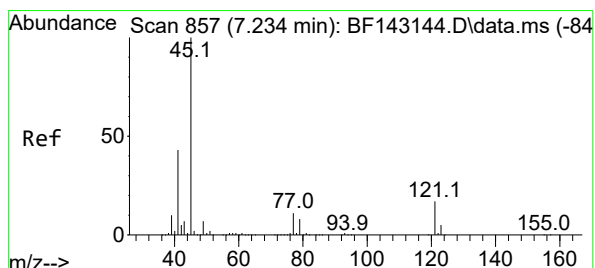
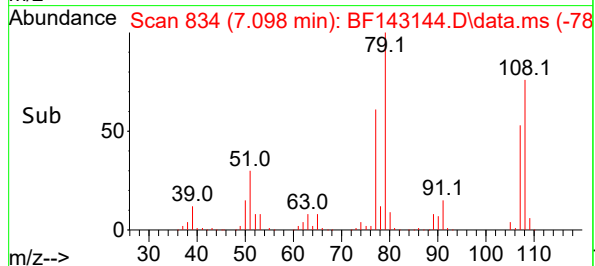
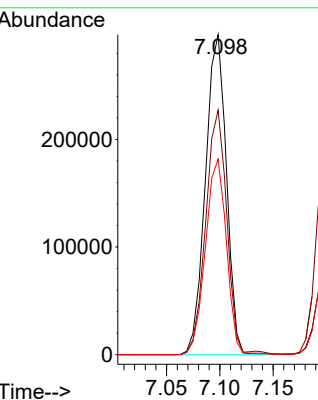
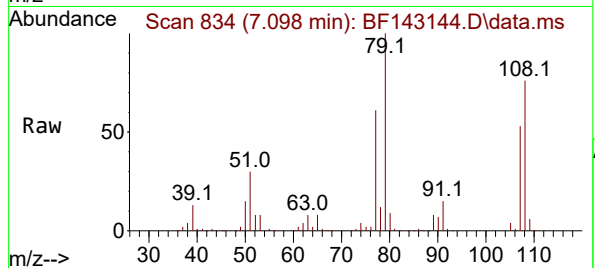
77 61.1 48.9 73.3

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.337 ng

RT: 7.234 min Scan# 857

Delta R.T. 0.000 min

Lab File: BF143144.D

Acq: 17 Jul 2025 13:03

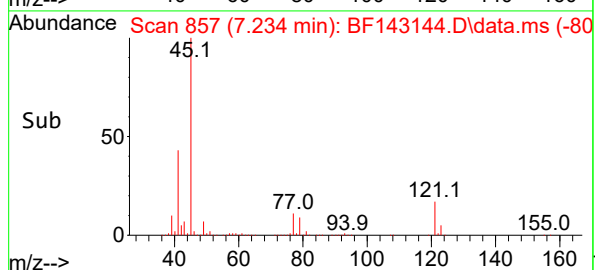
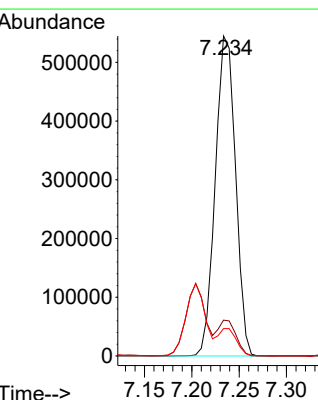
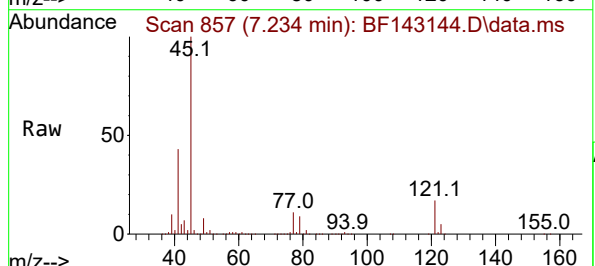
Tgt Ion: 45 Resp: 808980

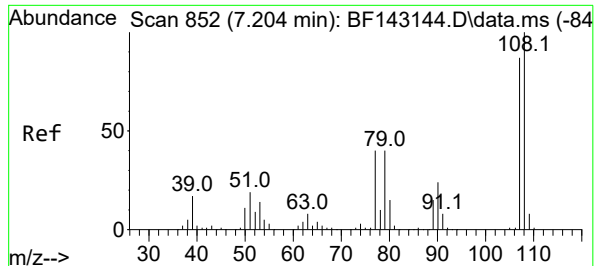
Ion Ratio Lower Upper

45 100

77 11.2 0.0 31.2

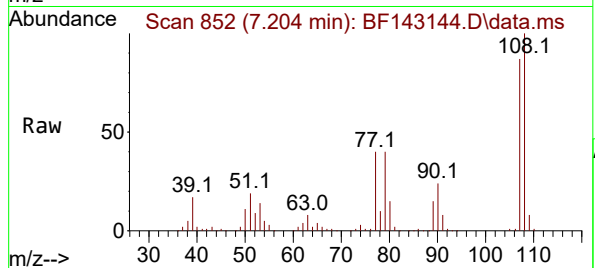
79 8.5 0.0 28.5





#17
2-Methylphenol
Concen: 39.381 ng
RT: 7.204 min Scan# 852
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

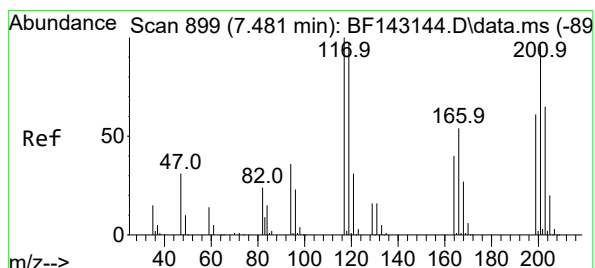
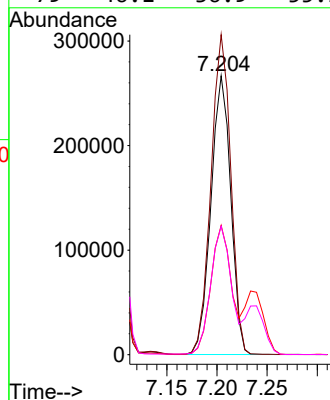
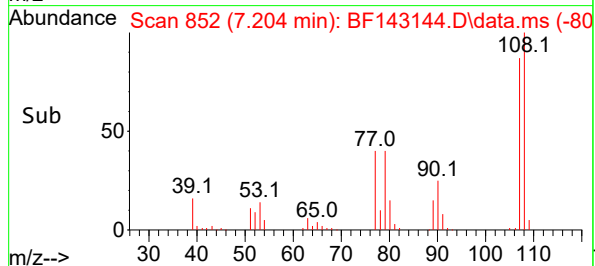
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:107 Resp: 366495
Ion Ratio Lower Upper
107 100
108 114.7 91.8 137.6
77 46.3 37.0 55.6
79 46.1 36.9 55.3

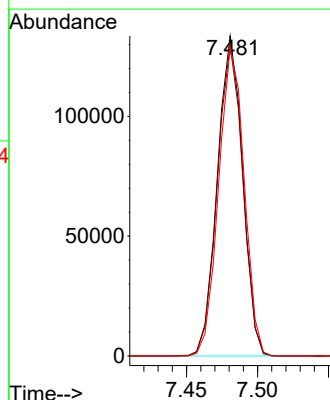
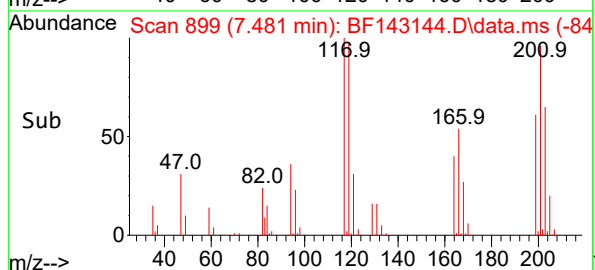
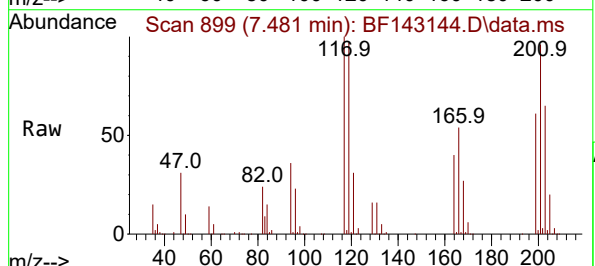
Manual Integrations
APPROVED

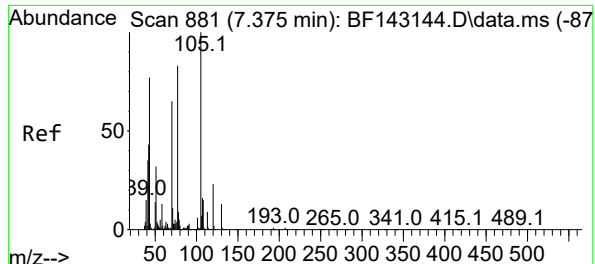
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#18
Hexachloroethane
Concen: 39.425 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

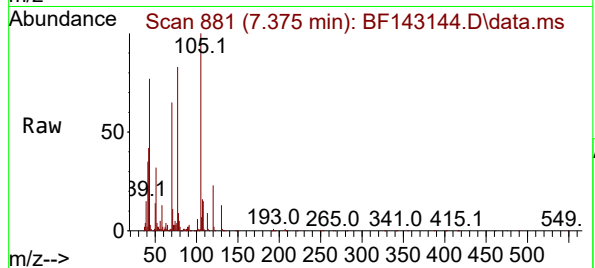
Tgt Ion:117 Resp: 165263
Ion Ratio Lower Upper
117 100
119 97.3 77.8 116.8
201 96.2 77.0 115.4





#19
n-Nitroso-di-n-propylamine
Concen: 38.656 ng
RT: 7.375 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

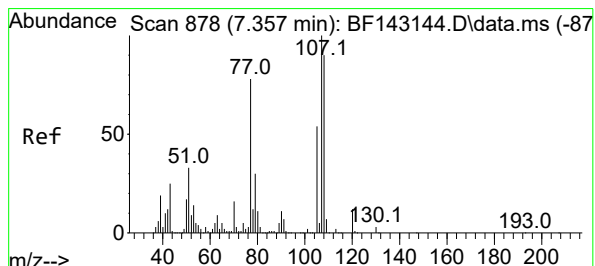
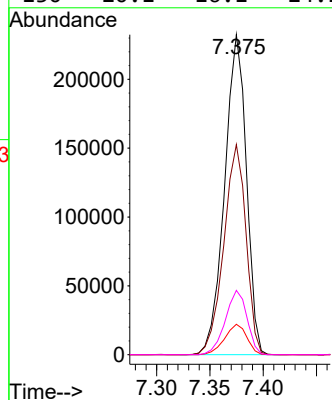
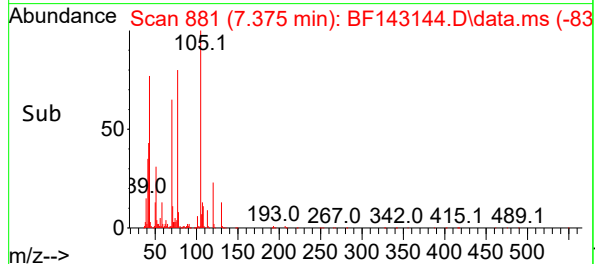
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion: 70 Resp: 329619
Ion Ratio Lower Upper
70 100
42 65.6 52.5 78.7
101 9.5 7.6 11.4
130 20.1 16.1 24.1

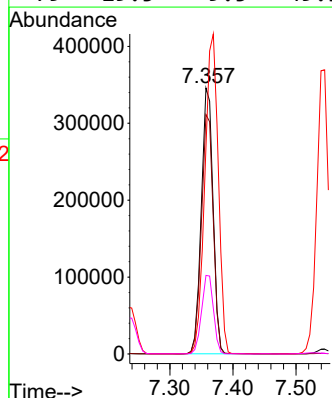
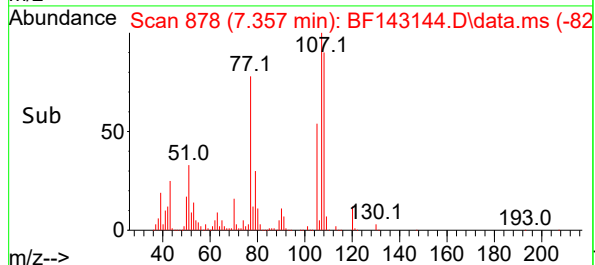
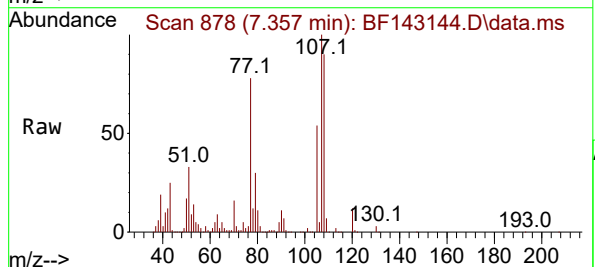
Manual Integrations
APPROVED

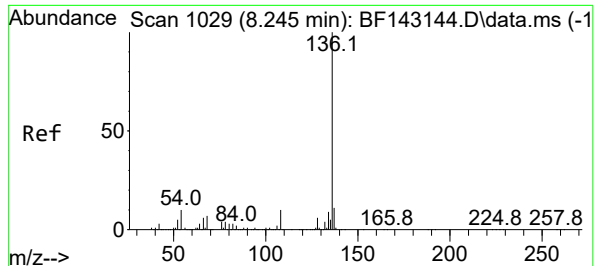
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#20
3+4-Methylphenols
Concen: 39.685 ng
RT: 7.357 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

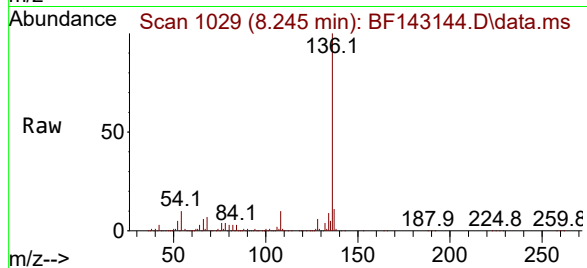
Tgt Ion:107 Resp: 448100
Ion Ratio Lower Upper
107 100
108 90.0 70.0 110.0
77 77.8 57.8 97.8
79 29.5 9.5 49.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

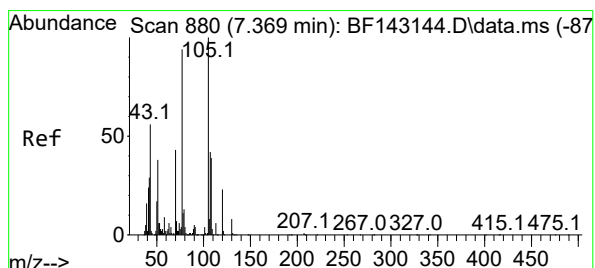
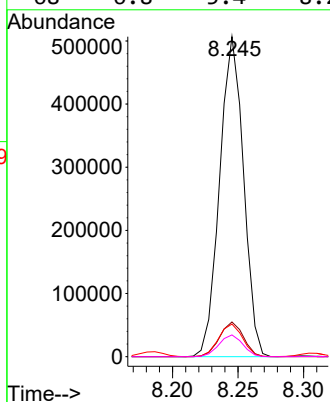
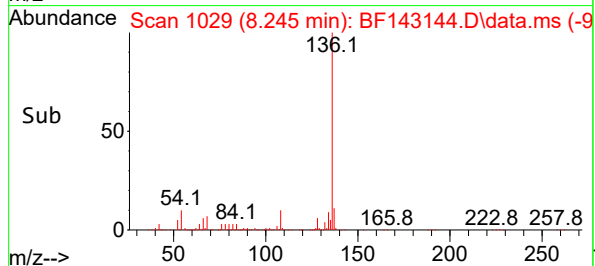
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:136 Resp: 641411
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 10.2 8.2 12.2
68 6.8 5.4 8.2

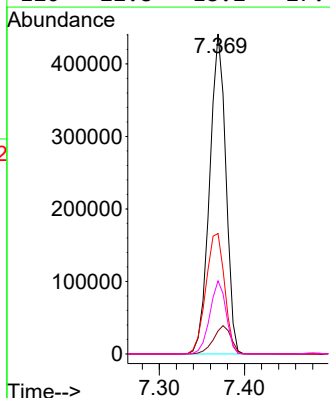
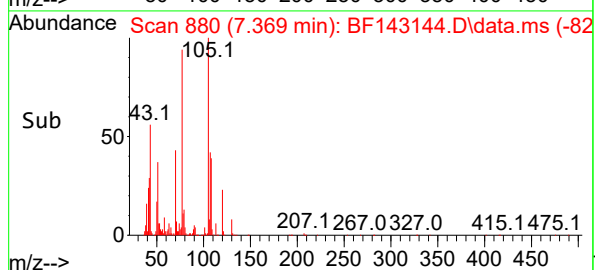
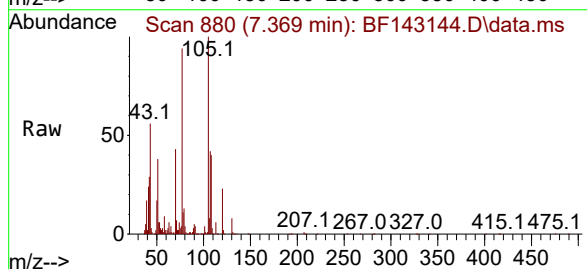
Manual Integrations
APPROVED

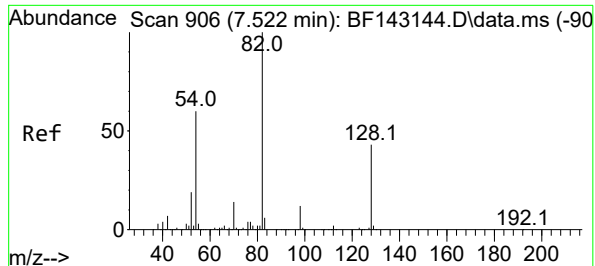
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#22
Acetophenone
Concen: 38.444 ng
RT: 7.369 min Scan# 880
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:105 Resp: 583796
Ion Ratio Lower Upper
105 100
71 7.2 5.8 8.6
51 37.7 30.2 45.2
120 22.8 18.2 27.4





#23

Nitrobenzene-d5

Concen: 79.512 ng

RT: 7.522 min Scan# 906

Delta R.T. 0.000 min

Lab File: BF143144.D

Acq: 17 Jul 2025 13:03

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 82 Resp: 1023138

Ion Ratio Lower Upper

82 100

128 42.0 33.6 50.4

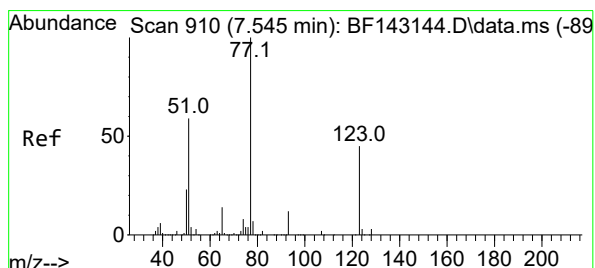
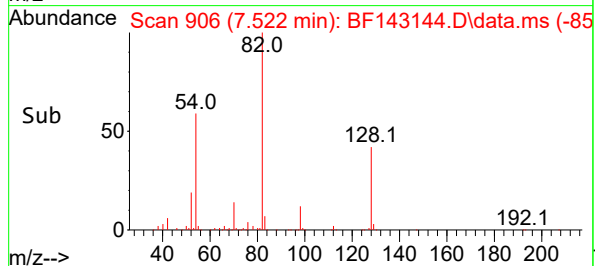
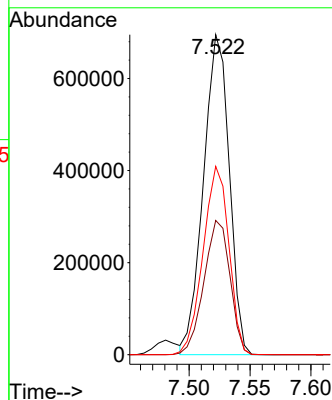
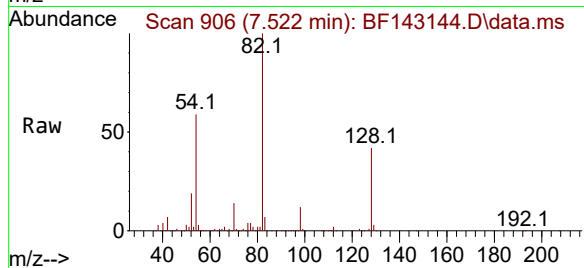
54 58.9 47.1 70.7

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#24

Nitrobenzene

Concen: 40.136 ng

RT: 7.545 min Scan# 910

Delta R.T. 0.000 min

Lab File: BF143144.D

Acq: 17 Jul 2025 13:03

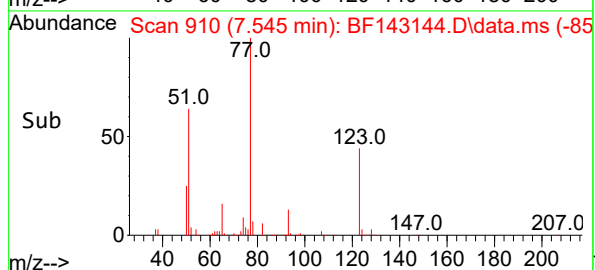
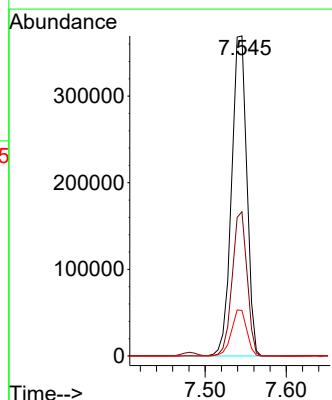
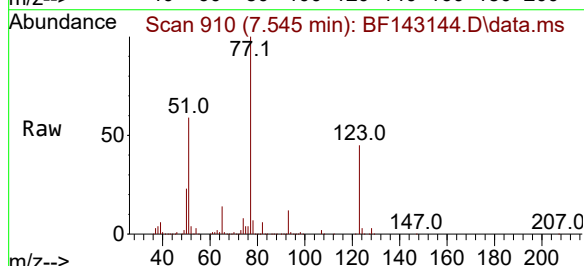
Tgt Ion: 77 Resp: 481500

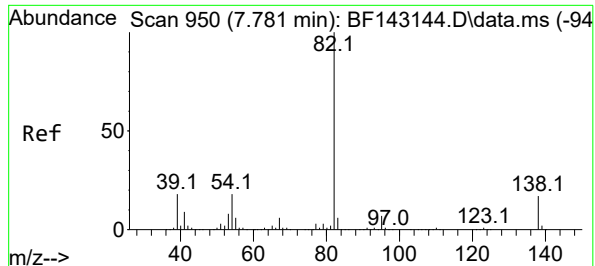
Ion Ratio Lower Upper

77 100

123 45.1 36.1 54.1

65 14.3 11.4 17.2





#25

Isophorone

Concen: 39.093 ng

RT: 7.781 min Scan# 950

Delta R.T. 0.000 min

Lab File: BF143144.D

Acq: 17 Jul 2025 13:03

Instrument :

BNA_F

ClientSampleId :

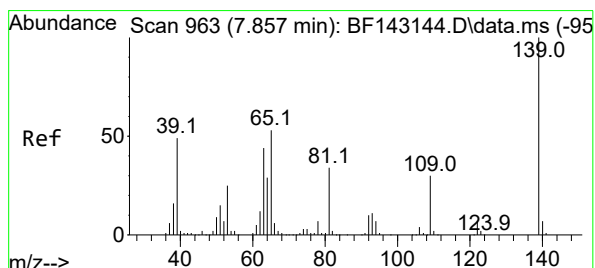
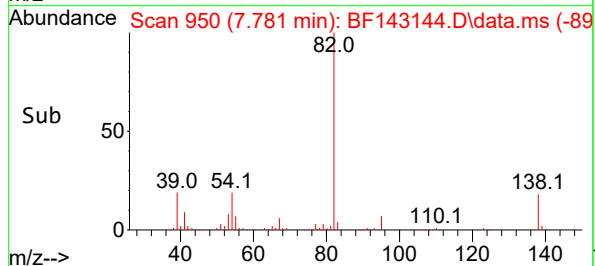
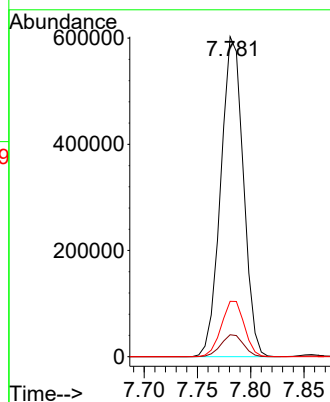
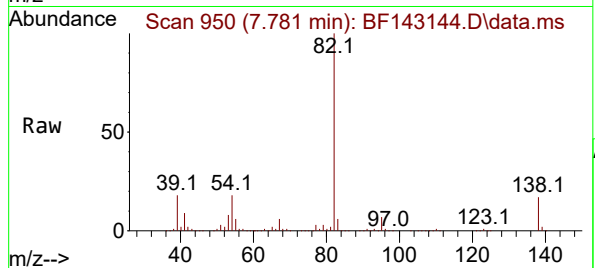
SSTDICCC040

Tgt Ion: 82 Resp: 88801

Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.5	8.3
138	17.3	13.8	20.8

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



#26

2-Nitrophenol

Concen: 42.323 ng

RT: 7.857 min Scan# 963

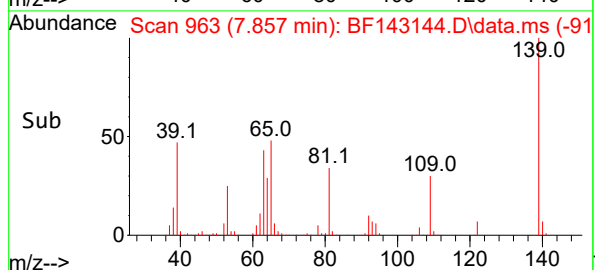
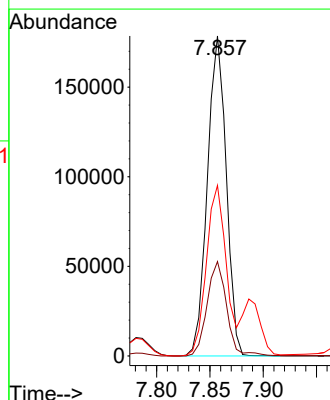
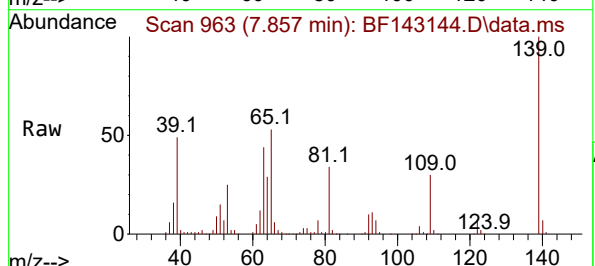
Delta R.T. 0.000 min

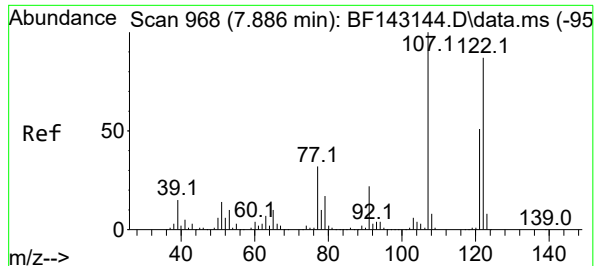
Lab File: BF143144.D

Acq: 17 Jul 2025 13:03

Tgt Ion:139 Resp: 220354

Ion	Ratio	Lower	Upper
139	100		
109	29.5	23.6	35.4
65	53.3	42.6	64.0





#27

2,4-Dimethylphenol

Concen: 39.210 ng

RT: 7.886 min Scan# 968

Delta R.T. 0.000 min

Lab File: BF143144.D

Acq: 17 Jul 2025 13:03

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:122 Resp: 416128

Ion Ratio Lower Upper

122 100

107 114.7 91.8 137.6

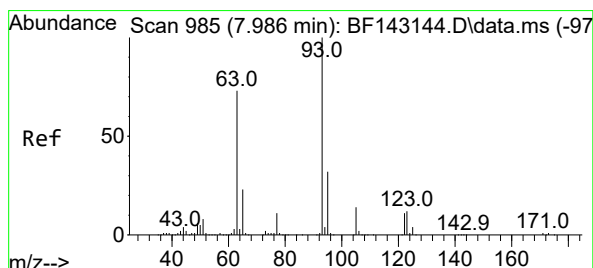
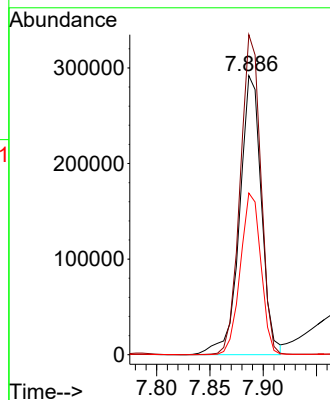
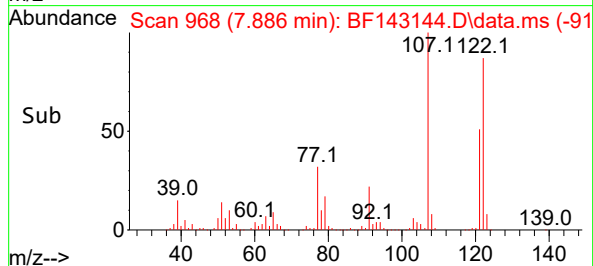
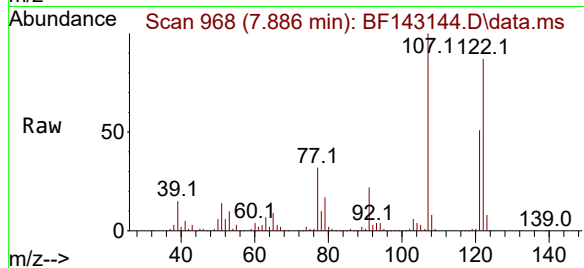
121 57.9 46.3 69.5

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#28

bis(2-Chloroethoxy)methane

Concen: 38.860 ng

RT: 7.986 min Scan# 985

Delta R.T. 0.000 min

Lab File: BF143144.D

Acq: 17 Jul 2025 13:03

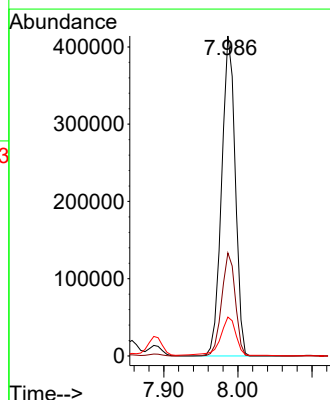
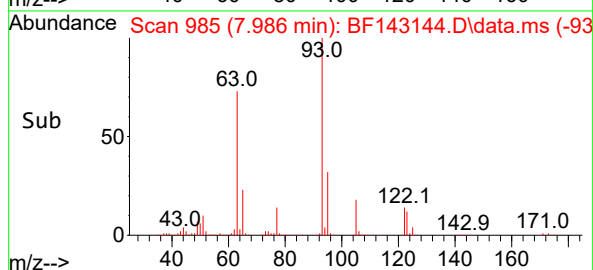
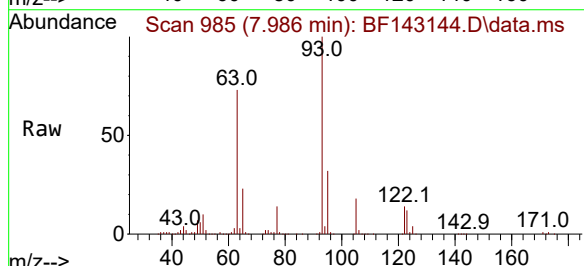
Tgt Ion: 93 Resp: 529258

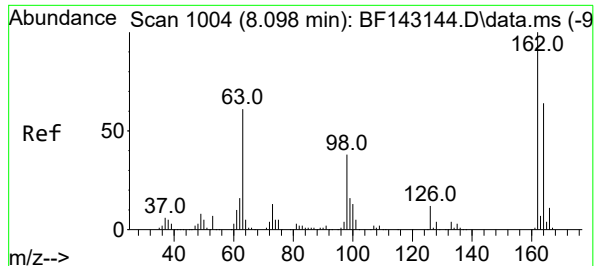
Ion Ratio Lower Upper

93 100

95 32.2 25.8 38.6

123 12.1 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 39.537 ng

RT: 8.098 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BF143144.D

Acq: 17 Jul 2025 13:03

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:162 Resp: 35386

Ion Ratio Lower Upper

162 100

164 64.2 44.2 84.2

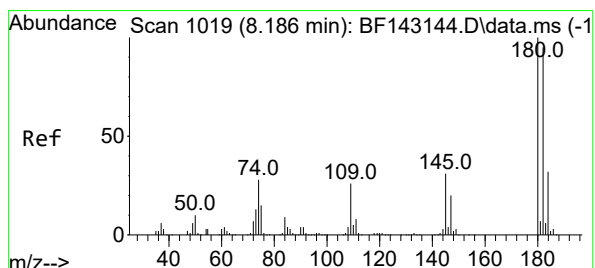
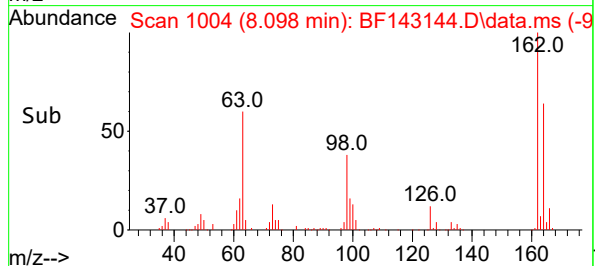
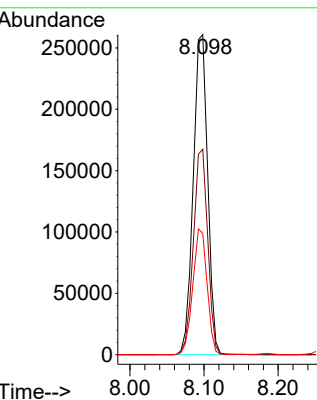
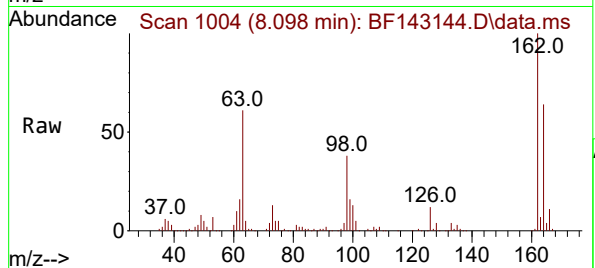
98 37.9 17.9 57.9

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#30

1,2,4-Trichlorobenzene

Concen: 38.947 ng

RT: 8.186 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF143144.D

Acq: 17 Jul 2025 13:03

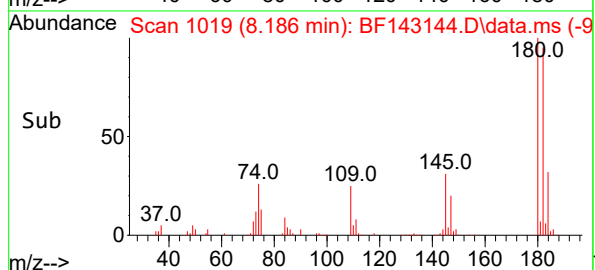
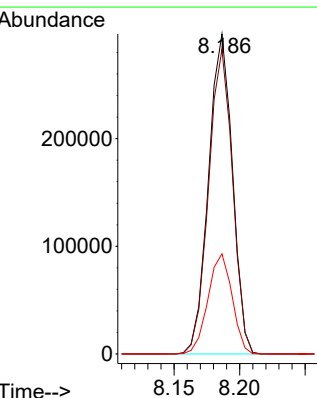
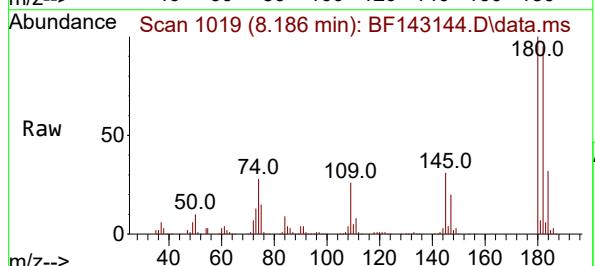
Tgt Ion:180 Resp: 376590

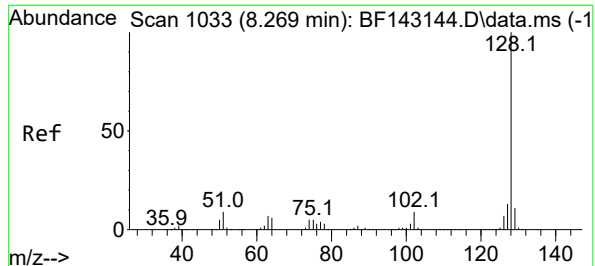
Ion Ratio Lower Upper

180 100

182 95.2 76.2 114.2

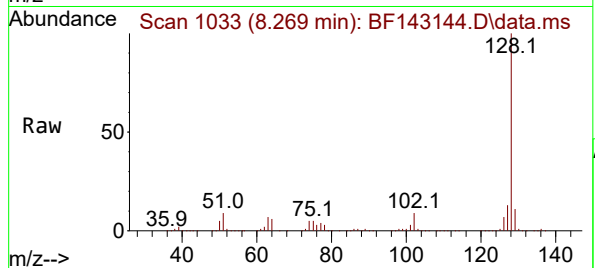
145 31.3 25.0 37.6





#31
Naphthalene
Concen: 38.749 ng
RT: 8.269 min Scan# 1033
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

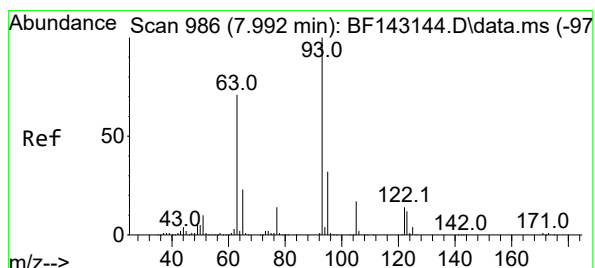
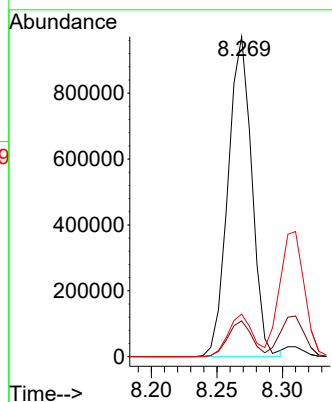
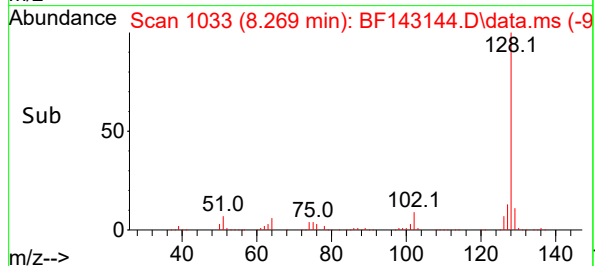
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:128 Resp: 1224033
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 13.3 10.6 16.0

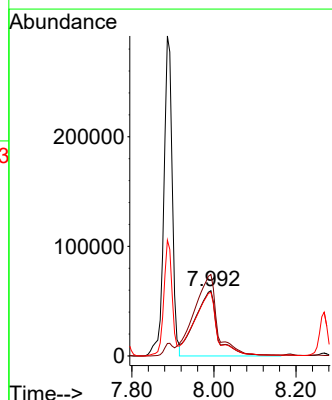
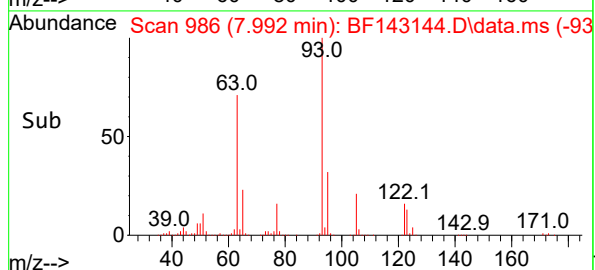
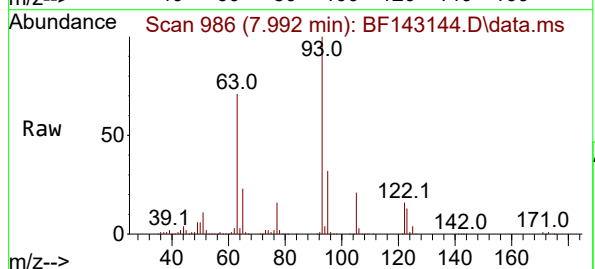
Manual Integrations
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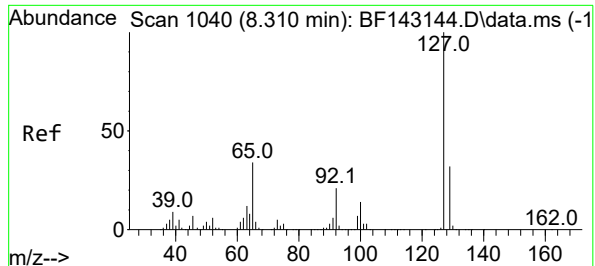
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#32
Benzoic acid
Concen: 39.680 ng m
RT: 7.992 min Scan# 986
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

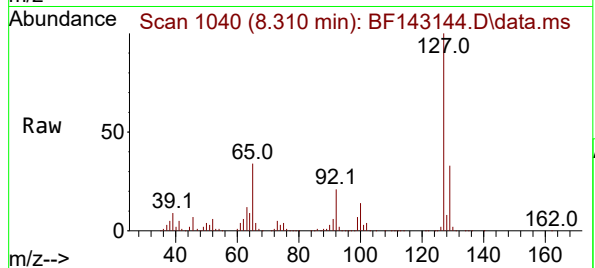
Tgt Ion:122 Resp: 230958
Ion Ratio Lower Upper
122 100
105 124.8 104.8 144.8
77 97.6 77.6 117.6





#33
4-Chloroaniline
Concen: 38.796 ng
RT: 8.310 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

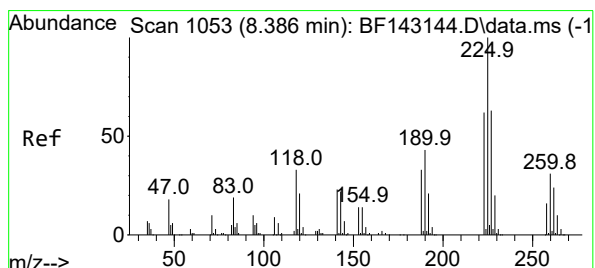
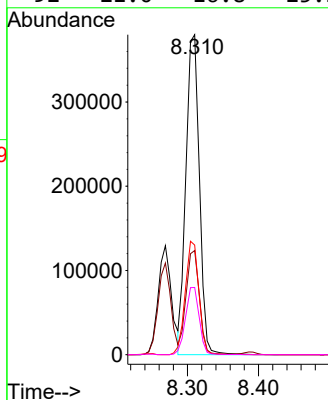
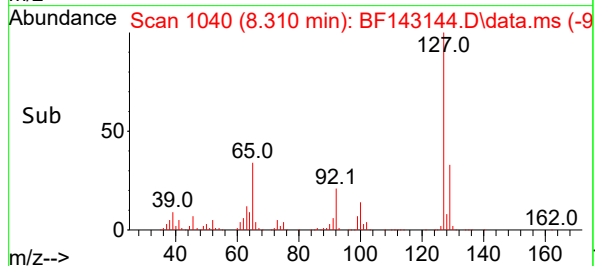
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:127 Resp: 500402
Ion Ratio Lower Upper
127 100
129 32.5 26.0 39.0
65 34.3 27.4 41.2
92 21.0 16.8 25.2

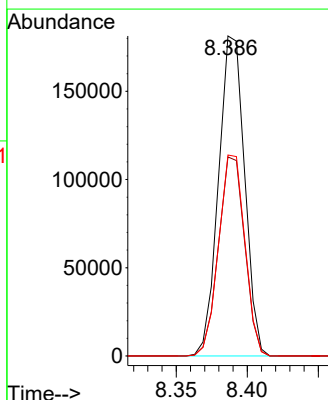
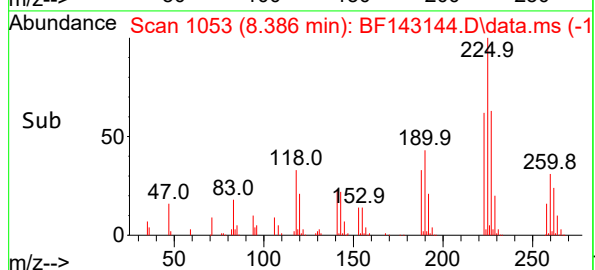
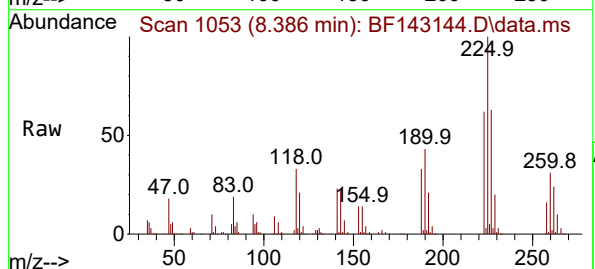
Manual Integrations
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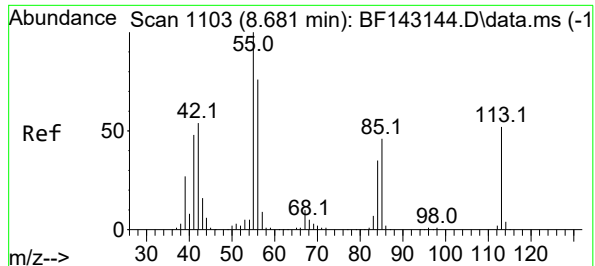
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#34
Hexachlorobutadiene
Concen: 39.211 ng
RT: 8.386 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:225 Resp: 231609
Ion Ratio Lower Upper
225 100
223 62.2 49.8 74.6
227 62.8 50.2 75.4





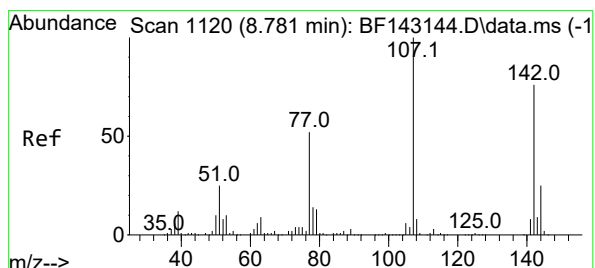
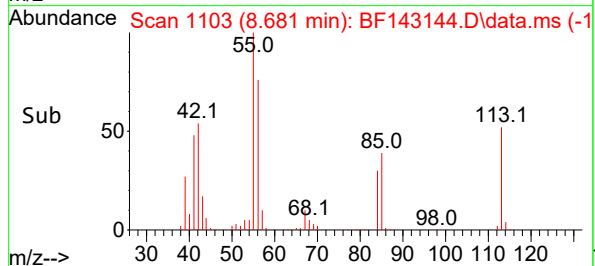
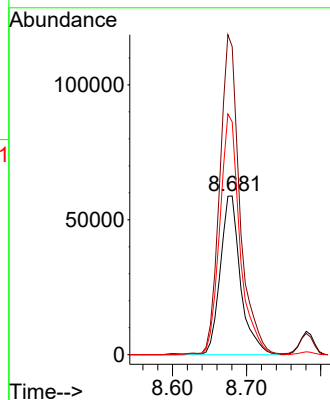
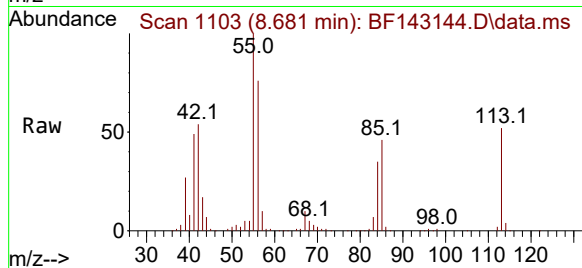
#35
Caprolactam
Concen: 41.312 ng
RT: 8.681 min Scan# 1103
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:113 Resp: 11173
Ion Ratio Lower Upper
113 100
55 194.0 174.0 214.0
56 146.6 126.6 166.6

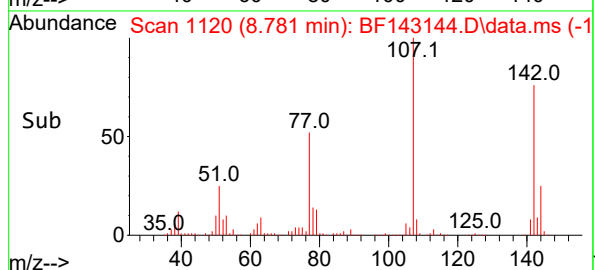
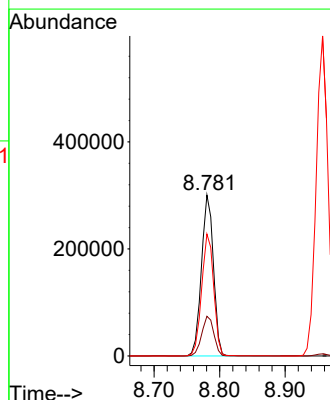
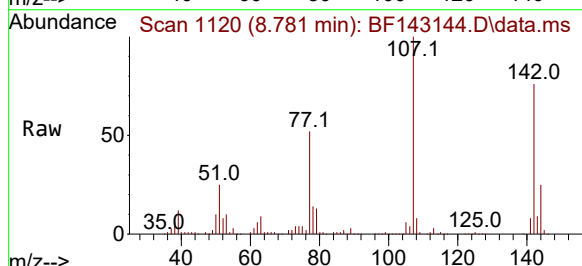
Manual Integrations
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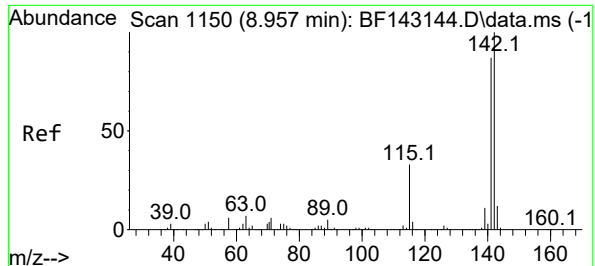
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#36
4-Chloro-3-methylphenol
Concen: 39.628 ng
RT: 8.781 min Scan# 1120
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

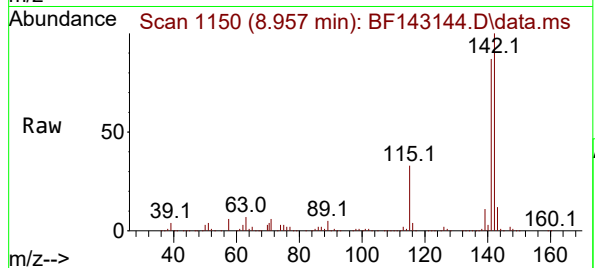
Tgt Ion:107 Resp: 385507
Ion Ratio Lower Upper
107 100
144 24.7 19.8 29.6
142 75.7 60.6 90.8





#37
2-Methylnaphthalene
Concen: 38.720 ng
RT: 8.957 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

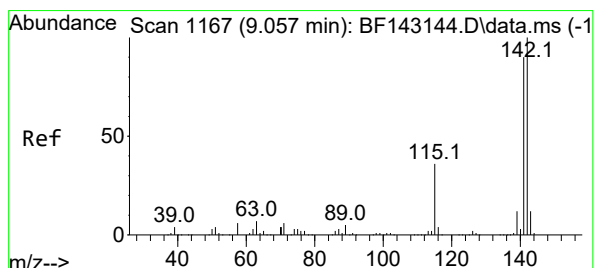
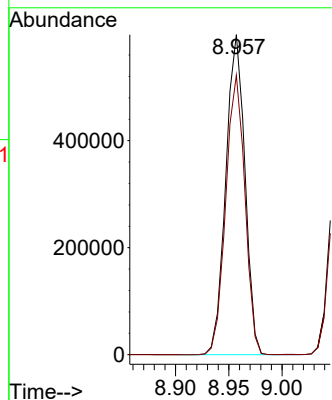
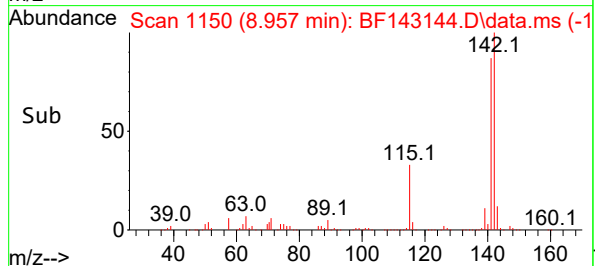
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:142 Resp: 744295
Ion Ratio Lower Upper
142 100
141 87.4 69.9 104.9

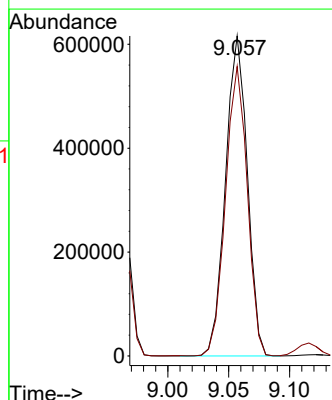
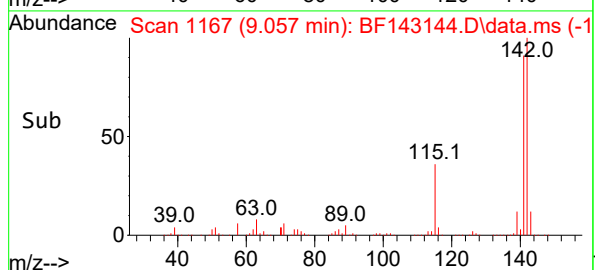
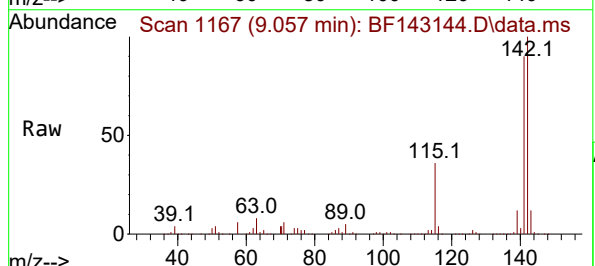
Manual Integrations
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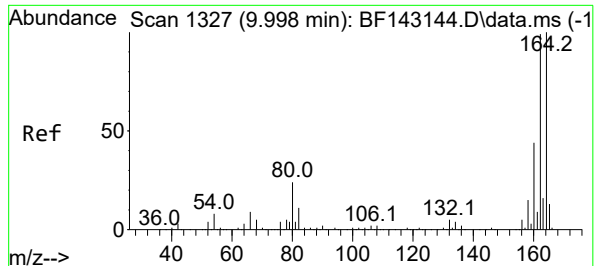
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#38
1-Methylnaphthalene
Concen: 38.825 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:142 Resp: 768508
Ion Ratio Lower Upper
142 100
141 90.4 72.3 108.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.998 min Scan# 1178

Delta R.T. 0.000 min

Lab File: BF143144.D

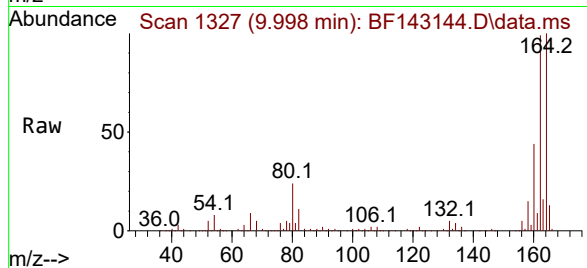
Acq: 17 Jul 2025 13:03

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



Tgt Ion:164 Resp: 33188

Ion Ratio Lower Upper

164 100

162 98.8 79.0 118.6

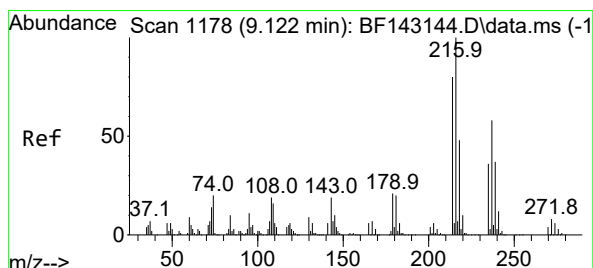
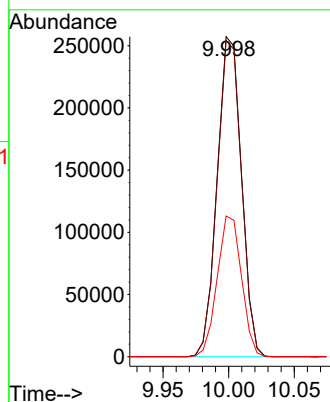
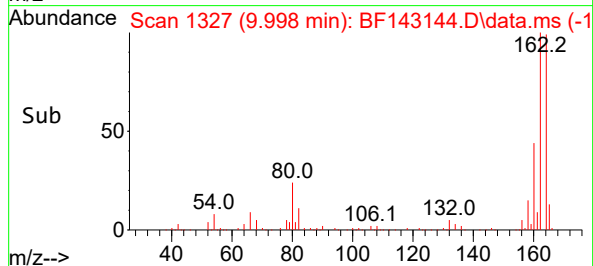
160 43.9 35.1 52.7

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.118 ng

RT: 9.122 min Scan# 1178

Delta R.T. 0.000 min

Lab File: BF143144.D

Acq: 17 Jul 2025 13:03

Tgt Ion:216 Resp: 365234

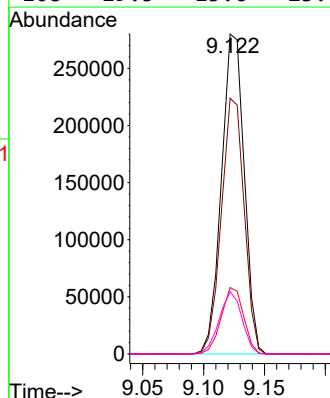
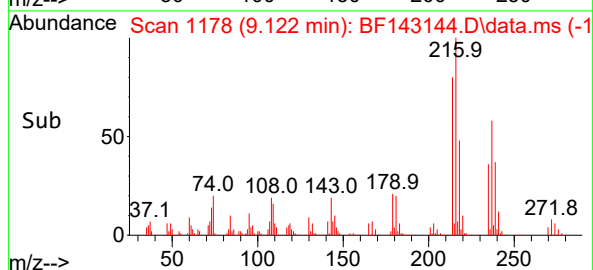
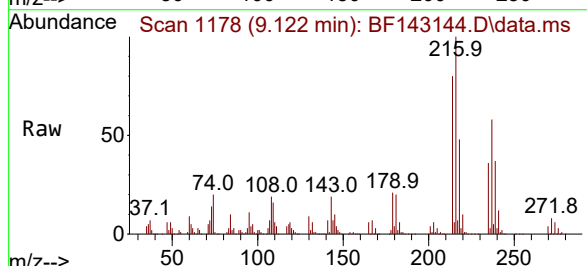
Ion Ratio Lower Upper

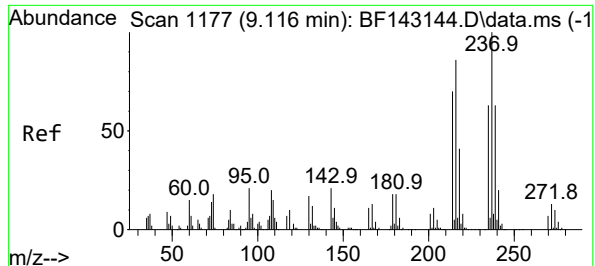
216 100

214 79.8 63.8 95.8

179 20.5 16.4 24.6

108 19.5 15.6 23.4





#41

Hexachlorocyclopentadiene

Concen: 39.695 ng

RT: 9.116 min Scan# 1177

Delta R.T. 0.000 min

Lab File: BF143144.D

Acq: 17 Jul 2025 13:03

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:237 Resp: 247480

Ion Ratio Lower Upper

237 100

235 63.0 43.0 83.0

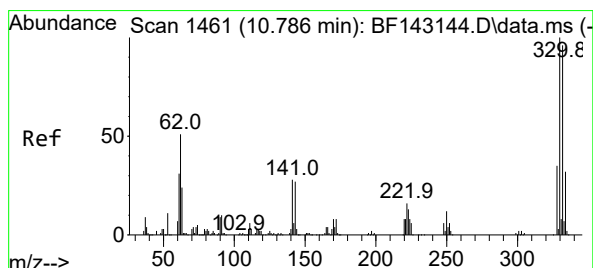
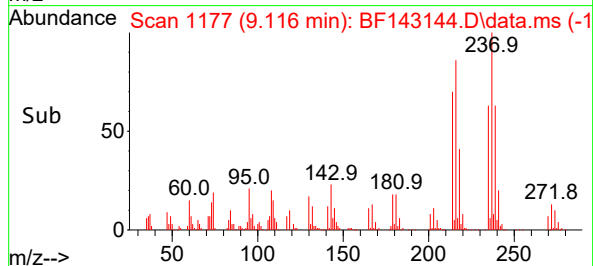
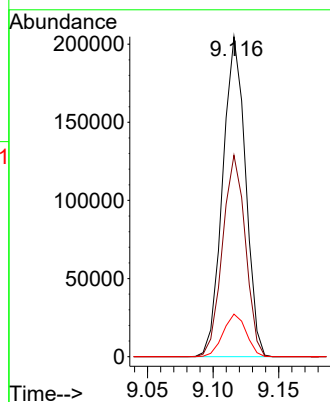
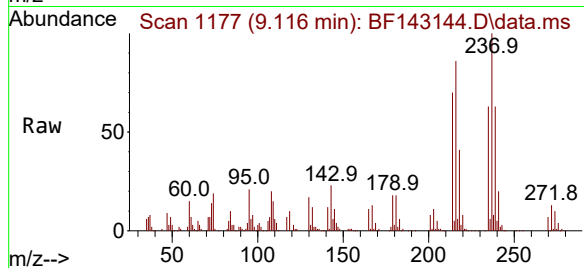
272 13.3 0.0 33.3

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#42

2,4,6-Tribromophenol

Concen: 81.485 ng

RT: 10.786 min Scan# 1461

Delta R.T. 0.000 min

Lab File: BF143144.D

Acq: 17 Jul 2025 13:03

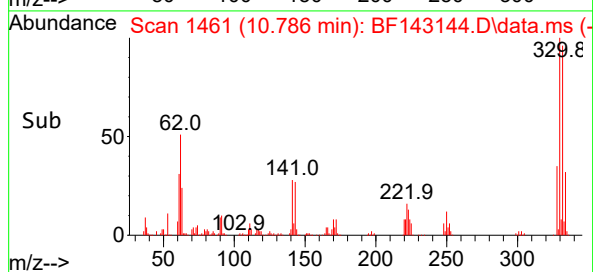
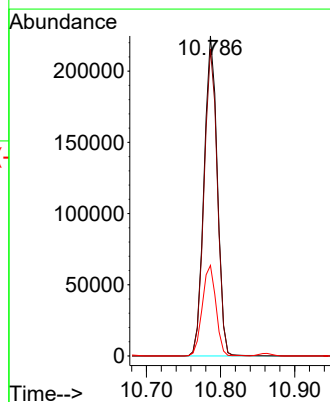
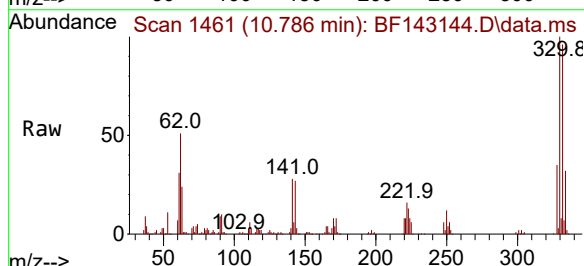
Tgt Ion:330 Resp: 279373

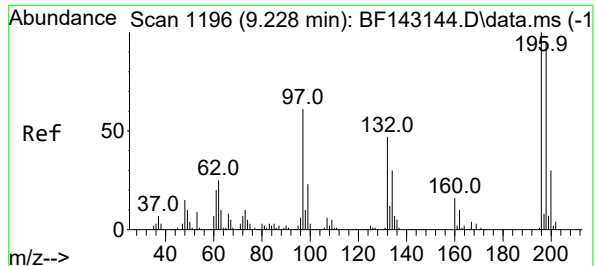
Ion Ratio Lower Upper

330 100

332 95.9 76.7 115.1

141 29.1 23.3 34.9





#43

2,4,6-Trichlorophenol

Concen: 38.471 ng

RT: 9.228 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BF143144.D

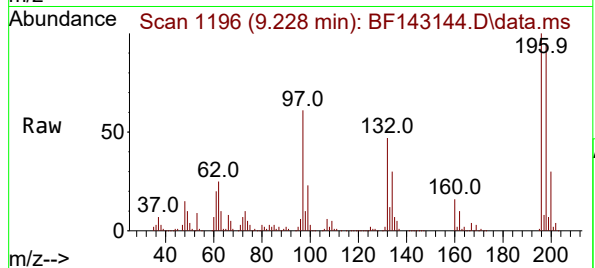
Acq: 17 Jul 2025 13:03

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



Tgt Ion:196 Resp: 25511

Ion Ratio Lower Upper

196 100

198 95.2 76.2 114.2

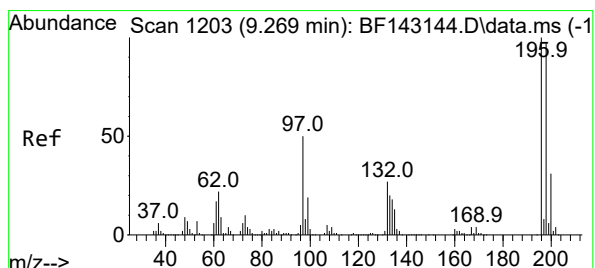
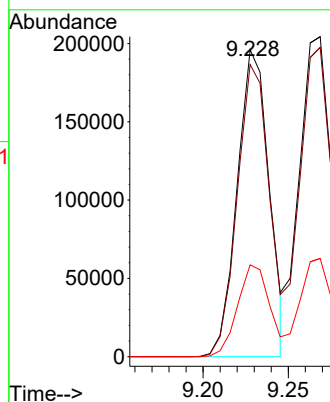
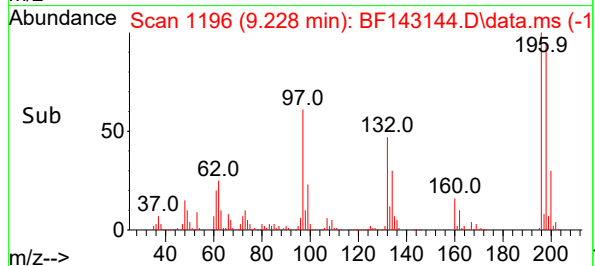
200 29.9 23.9 35.9

Manual Integrations

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#44

2,4,5-Trichlorophenol

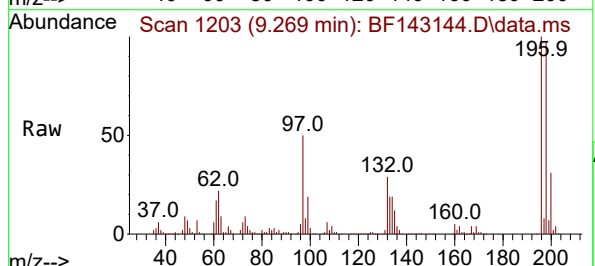
Concen: 40.494 ng

RT: 9.269 min Scan# 1203

Delta R.T. 0.000 min

Lab File: BF143144.D

Acq: 17 Jul 2025 13:03



Tgt Ion:196 Resp: 268615

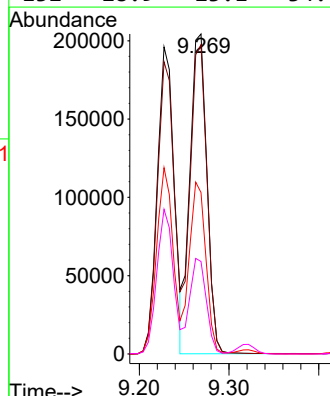
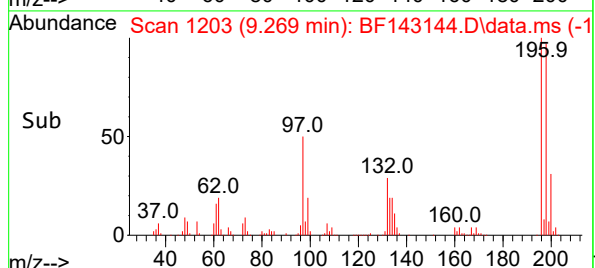
Ion Ratio Lower Upper

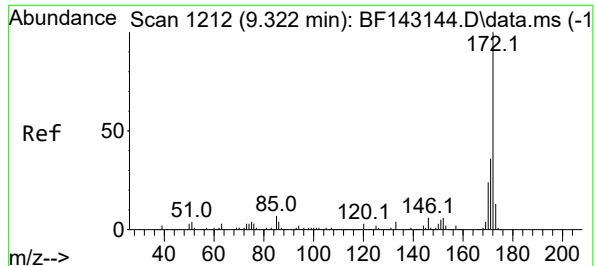
196 100

198 96.6 77.3 115.9

97 50.4 40.3 60.5

132 28.9 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 74.274 ng

RT: 9.322 min Scan# 1212

Delta R.T. 0.000 min

Lab File: BF143144.D

Acq: 17 Jul 2025 13:03

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:172 Resp: 1802398

Ion Ratio Lower Upper

172 100

171 35.7 28.6 42.8

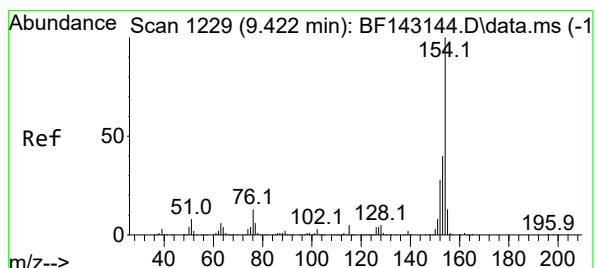
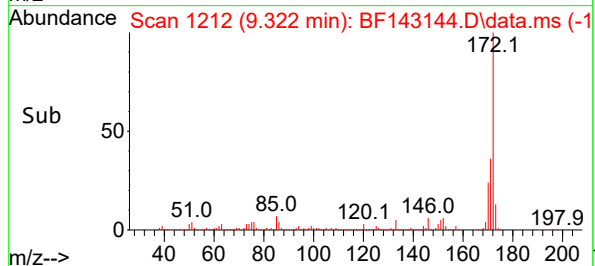
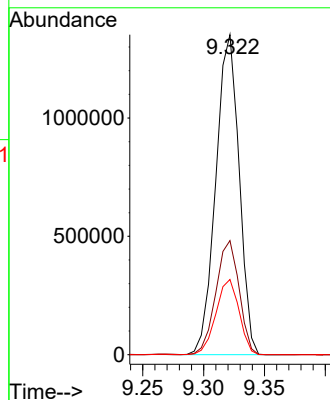
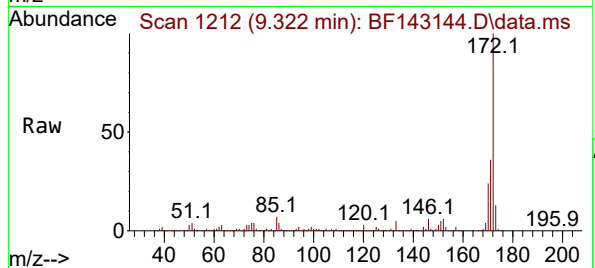
170 23.5 18.8 28.2

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#46

1,1'-Biphenyl

Concen: 38.177 ng

RT: 9.422 min Scan# 1229

Delta R.T. 0.000 min

Lab File: BF143144.D

Acq: 17 Jul 2025 13:03

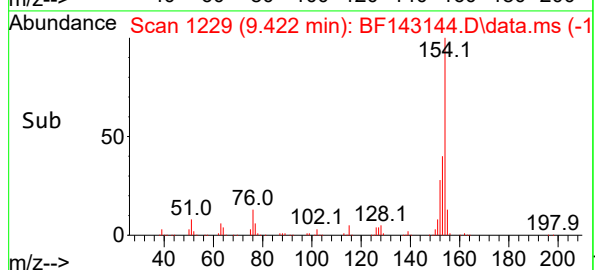
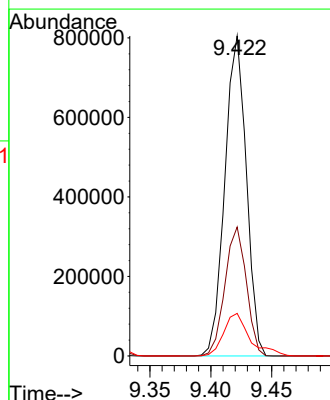
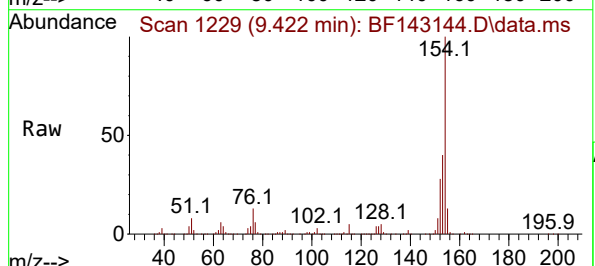
Tgt Ion:154 Resp: 988537

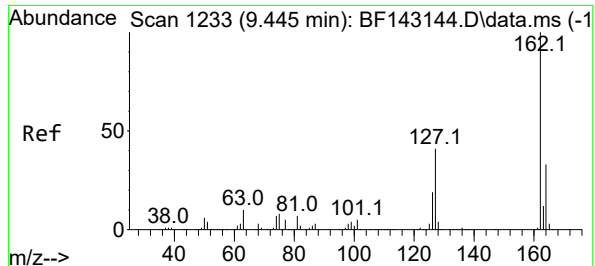
Ion Ratio Lower Upper

154 100

153 40.3 20.3 60.3

76 13.3 0.0 33.3





#47

2-Chloronaphthalene

Concen: 38.200 ng

RT: 9.445 min Scan# 1233

Delta R.T. 0.000 min

Lab File: BF143144.D

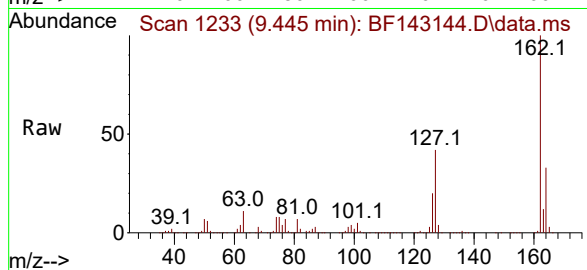
Acq: 17 Jul 2025 13:03

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



Tgt Ion:162 Resp: 731879

Ion Ratio Lower Upper

162 100

127 41.8 33.4 50.2

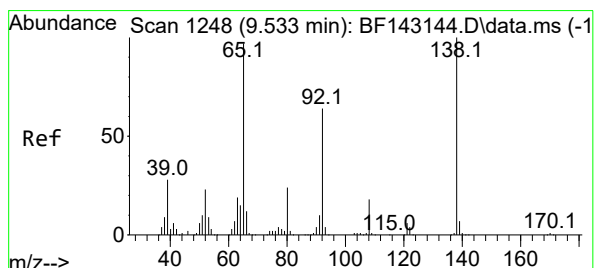
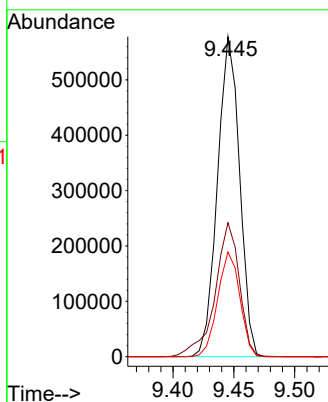
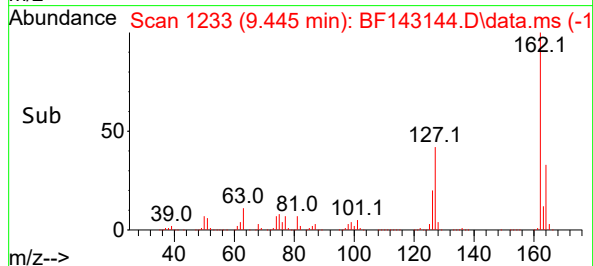
164 32.7 26.2 39.2

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#48

2-Nitroaniline

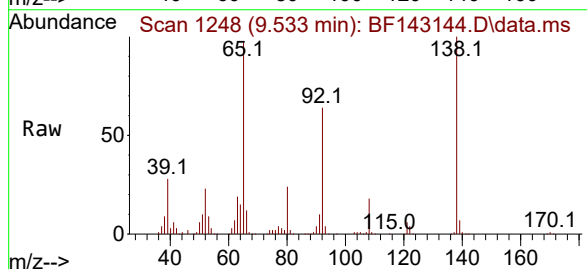
Concen: 41.594 ng

RT: 9.533 min Scan# 1248

Delta R.T. 0.000 min

Lab File: BF143144.D

Acq: 17 Jul 2025 13:03



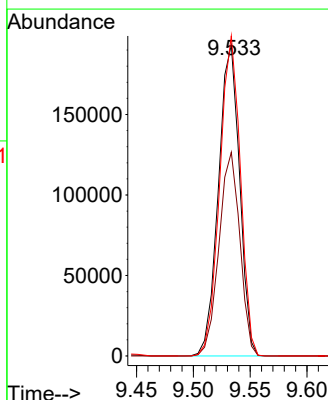
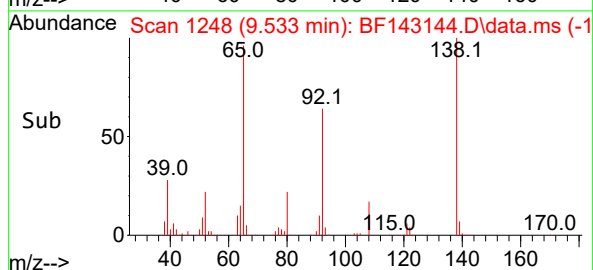
Tgt Ion: 65 Resp: 249908

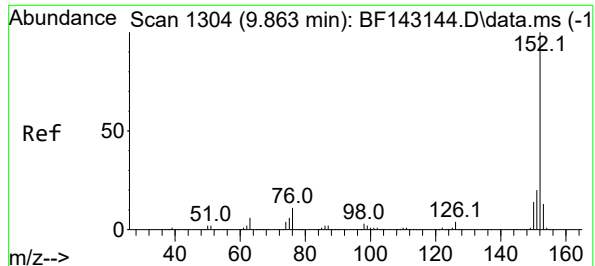
Ion Ratio Lower Upper

65 100

92 65.5 52.4 78.6

138 102.9 82.3 123.5





#49

Acenaphthylene

Concen: 38.458 ng

RT: 9.863 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF143144.D

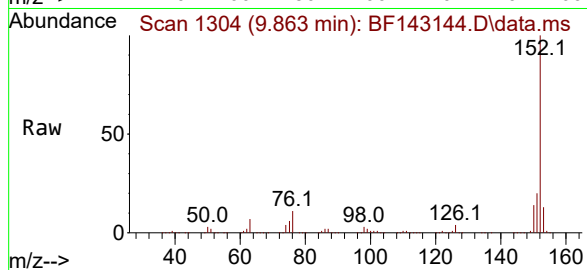
Acq: 17 Jul 2025 13:03

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



Tgt Ion:152 Resp: 1234789

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.2

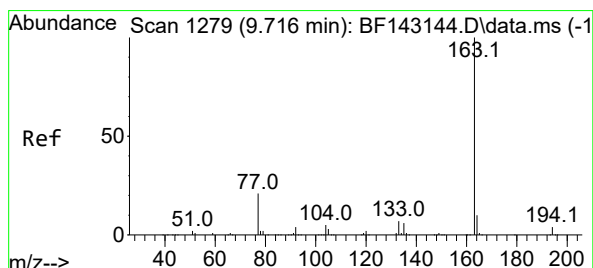
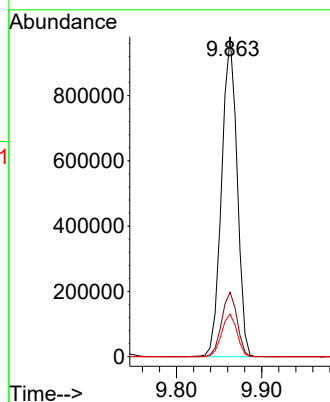
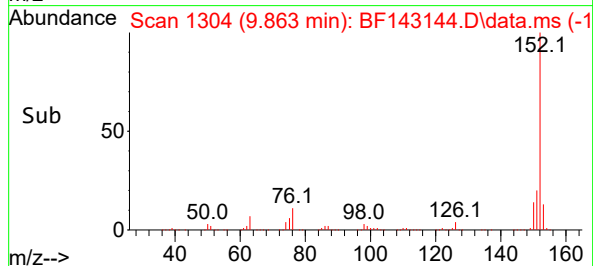
153 13.3 10.6 16.0

Manual Integrations

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Supervised By :Jagrut Upadhyay 07/18/2025



#50

Dimethylphthalate

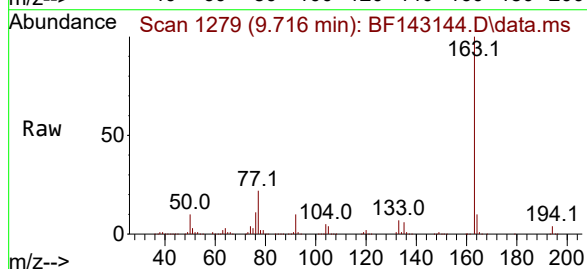
Concen: 39.238 ng

RT: 9.716 min Scan# 1279

Delta R.T. 0.000 min

Lab File: BF143144.D

Acq: 17 Jul 2025 13:03



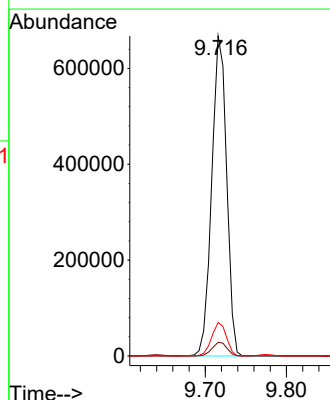
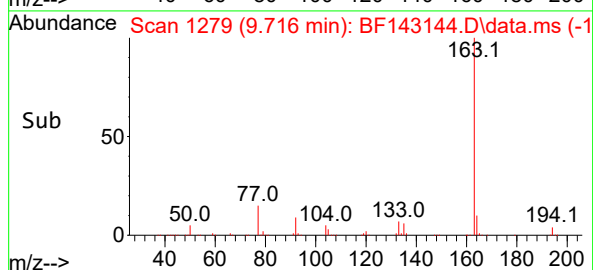
Tgt Ion:163 Resp: 848828

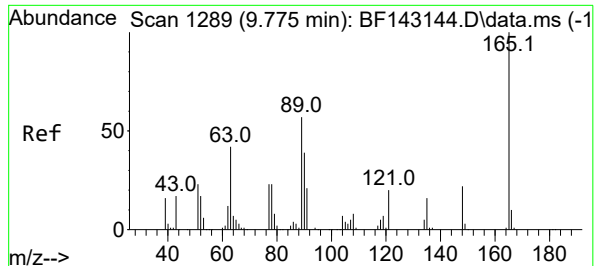
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

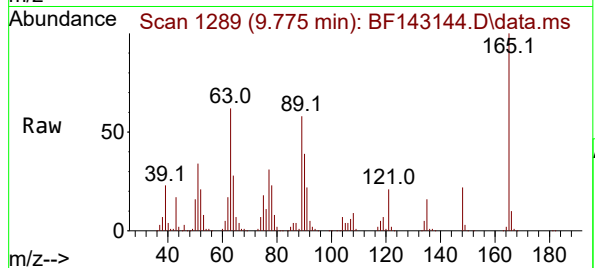
164 10.4 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 41.866 ng
RT: 9.775 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

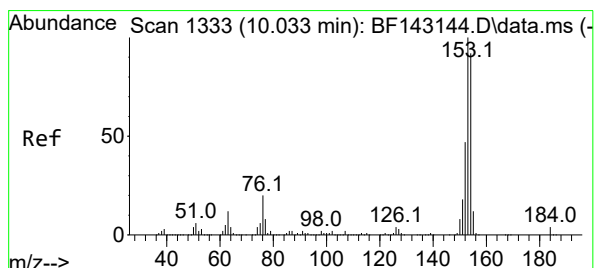
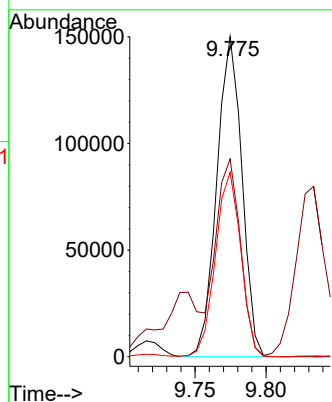
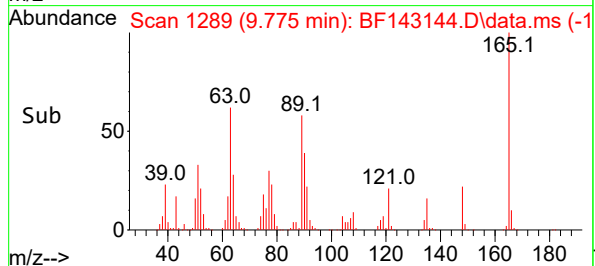
Instrument :
BNA_F
Client Sample Id :
SSTDICCC040



Tgt Ion:165 Resp: 18424
Ion Ratio Lower Upper
165 100
63 61.8 49.4 74.2
89 57.7 46.2 69.2

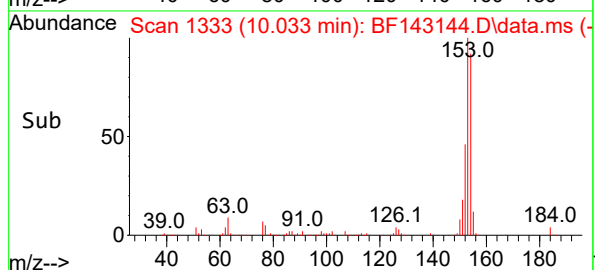
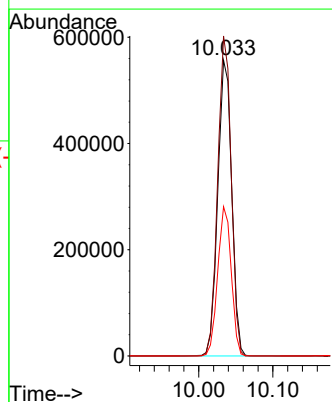
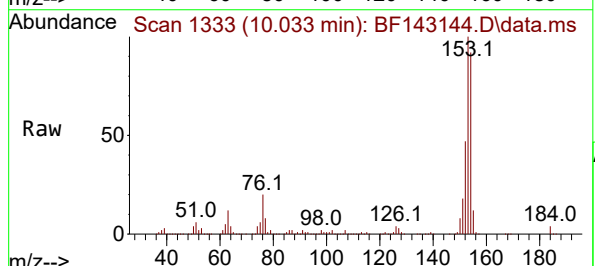
Manual Integrations
APPROVED

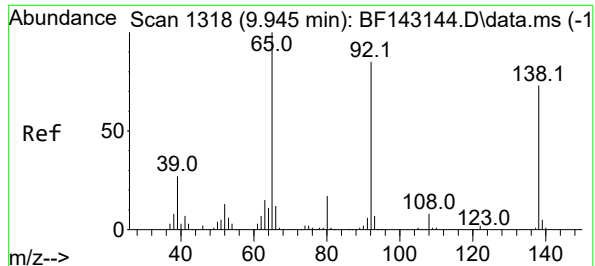
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#52
Acenaphthene
Concen: 38.330 ng
RT: 10.033 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

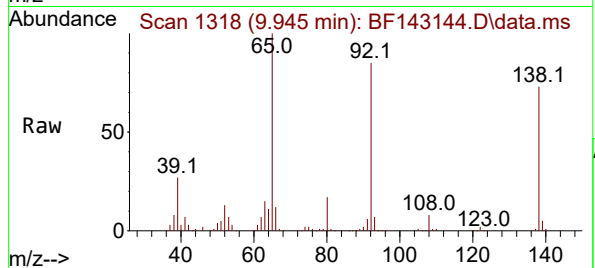
Tgt Ion:154 Resp: 727386
Ion Ratio Lower Upper
154 100
153 108.2 86.6 129.8
152 50.5 40.4 60.6





#53
3-Nitroaniline
Concen: 40.832 ng
RT: 9.945 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

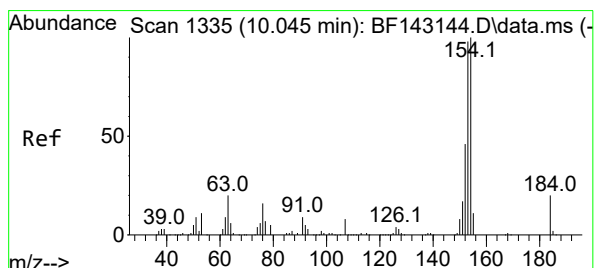
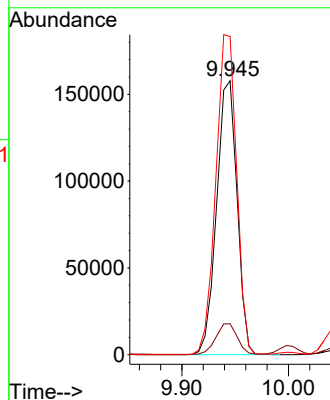
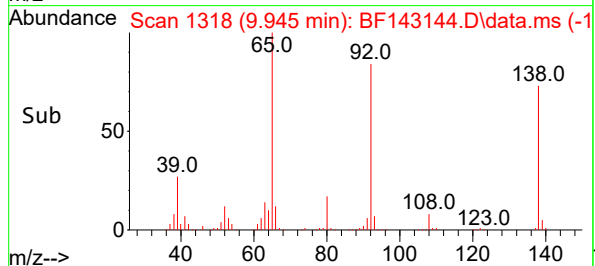
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:138 Resp: 210179
Ion Ratio Lower Upper
138 100
108 11.3 9.0 13.6
92 116.2 93.0 139.4

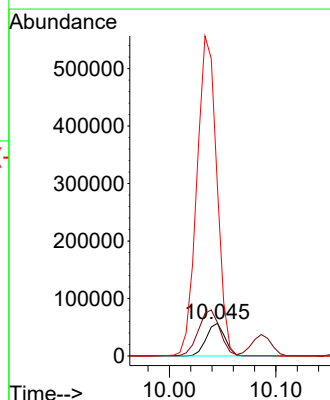
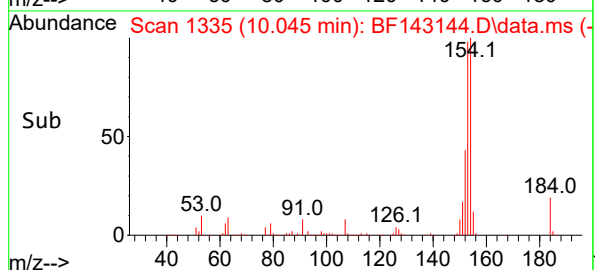
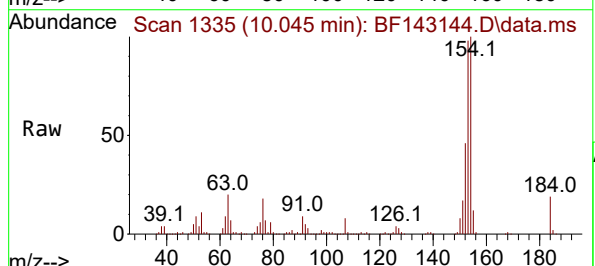
Manual Integrations
APPROVED

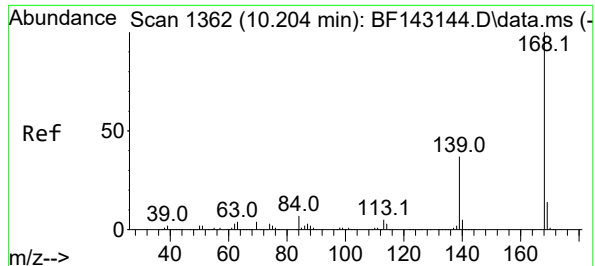
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#54
2,4-Dinitrophenol
Concen: 38.449 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

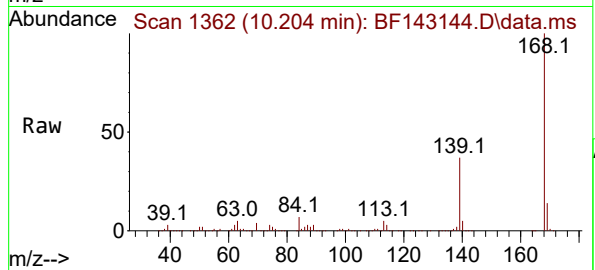
Tgt Ion:184 Resp: 69157
Ion Ratio Lower Upper
184 100
63 102.2 81.8 122.6
154 515.3 412.2 618.4





#55
Dibenzenofuran
Concen: 38.462 ng
RT: 10.204 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

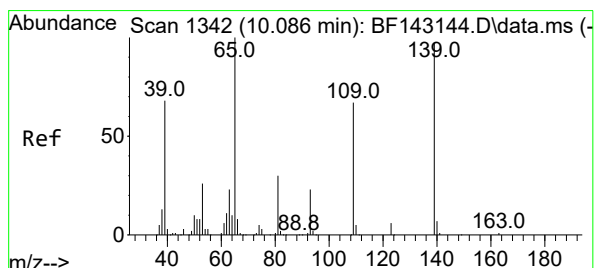
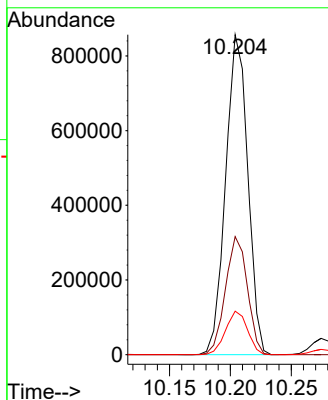
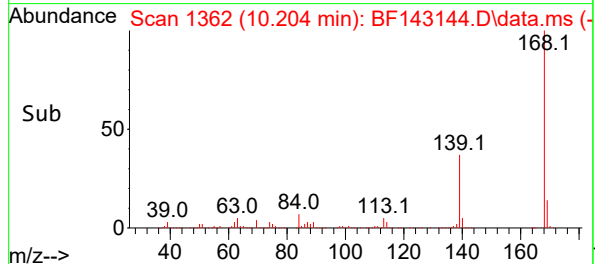
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:168 Resp: 1083678
Ion Ratio Lower Upper
168 100
139 36.9 29.5 44.3
169 13.6 10.9 16.3

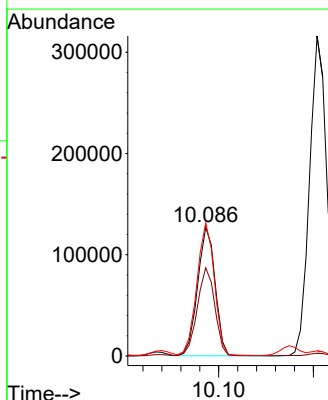
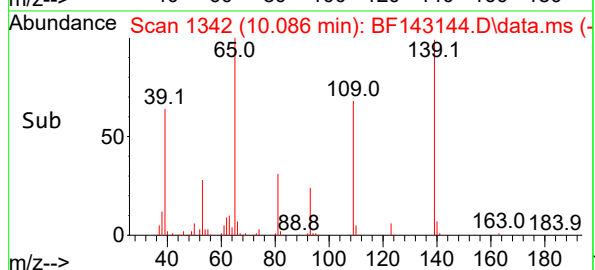
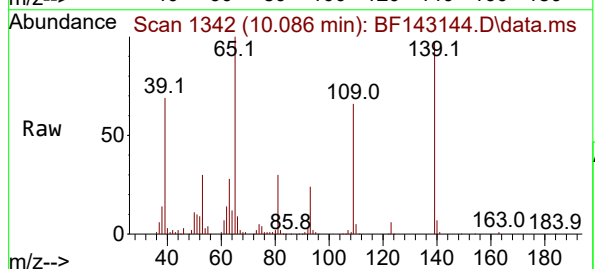
Manual Integrations
APPROVED

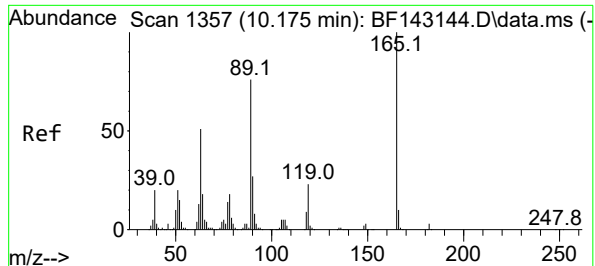
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#56
4-Nitrophenol
Concen: 42.408 ng
RT: 10.086 min Scan# 1342
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

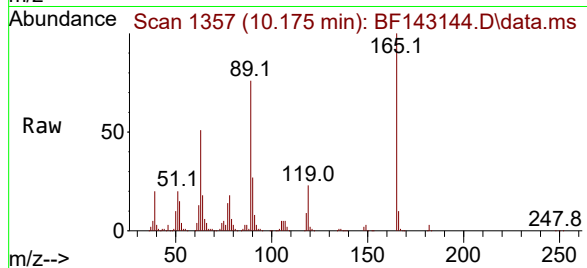
Tgt Ion:139 Resp: 163009
Ion Ratio Lower Upper
139 100
109 68.5 48.5 88.5
65 103.4 83.4 123.4





#57
2,4-Dinitrotoluene
Concen: 42.581 ng
RT: 10.175 min Scan# 1357
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

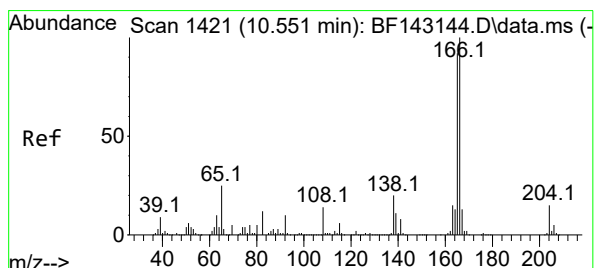
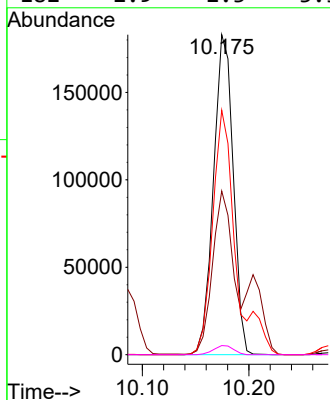
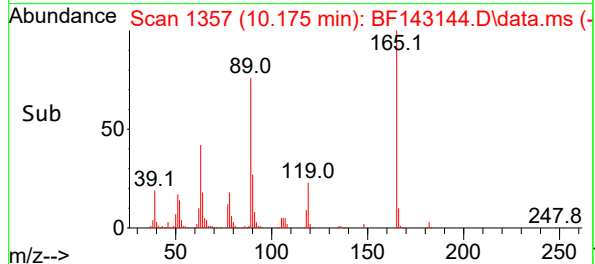
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:165 Resp: 23510
Ion Ratio Lower Upper
165 100
63 51.2 41.0 61.4
89 76.4 61.1 91.7
182 2.9 2.3 3.5

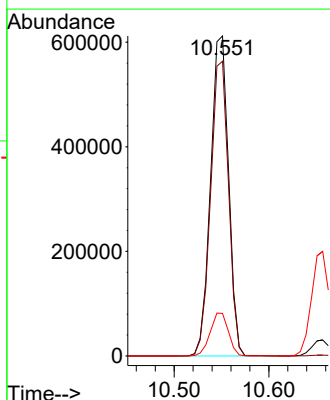
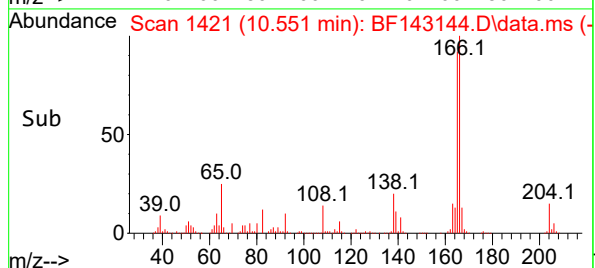
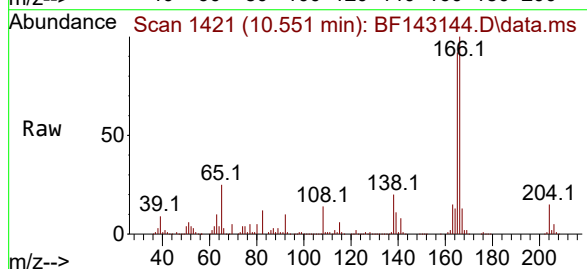
Manual Integrations
APPROVED

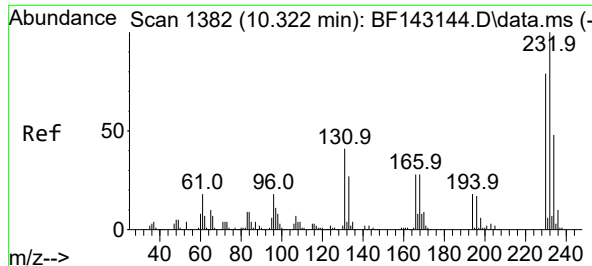
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#58
Fluorene
Concen: 38.037 ng
RT: 10.551 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

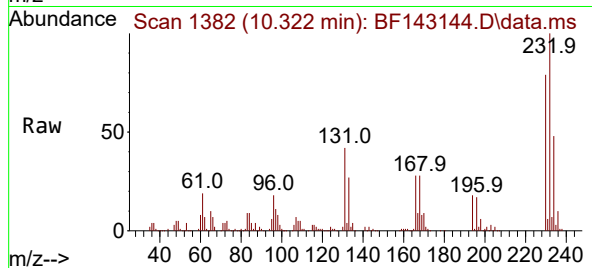
Tgt Ion:166 Resp: 804336
Ion Ratio Lower Upper
166 100
165 92.1 73.7 110.5
167 13.3 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.196 ng
RT: 10.322 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

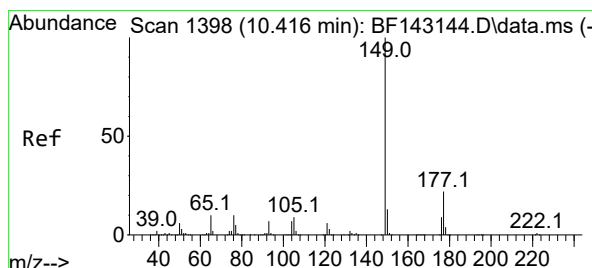
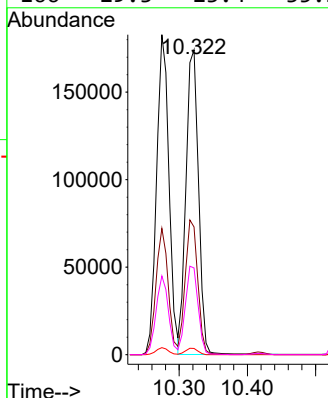
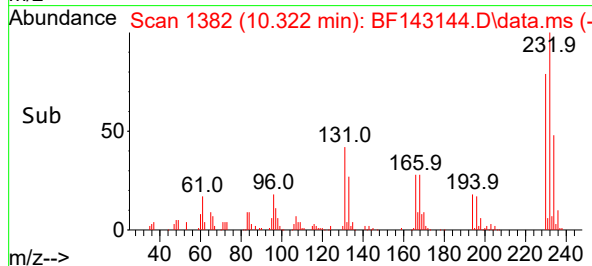
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



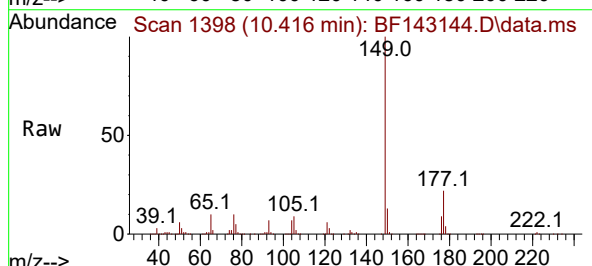
Tgt Ion:232 Resp: 220872
Ion Ratio Lower Upper
232 100
131 44.1 35.3 52.9
130 2.1 1.7 2.5
166 29.3 23.4 35.2

Manual Integrations
APPROVED

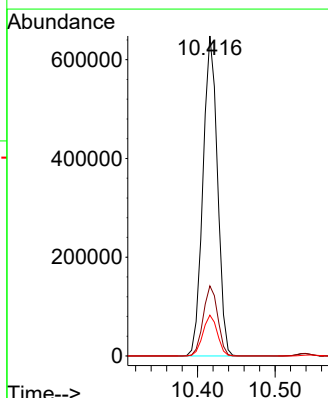
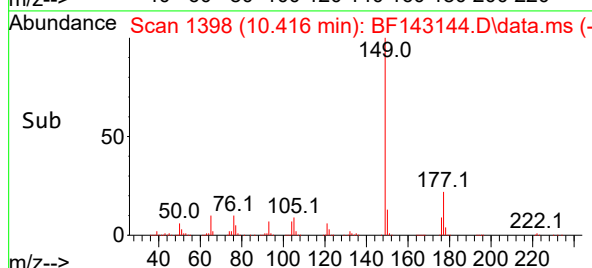
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

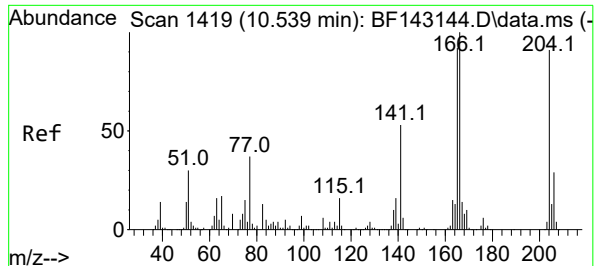


#60
Diethylphthalate
Concen: 39.387 ng
RT: 10.416 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03



Tgt Ion:149 Resp: 842184
Ion Ratio Lower Upper
149 100
177 21.9 17.5 26.3
150 12.7 10.2 15.2





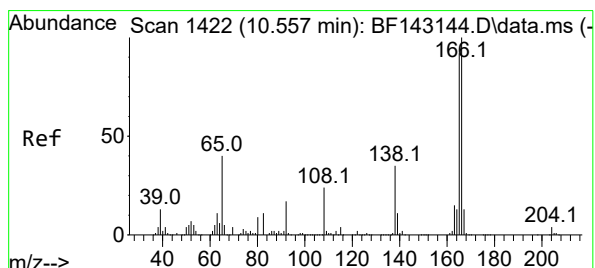
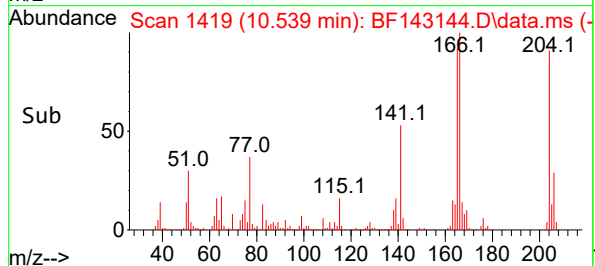
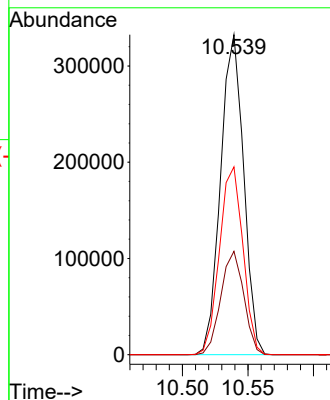
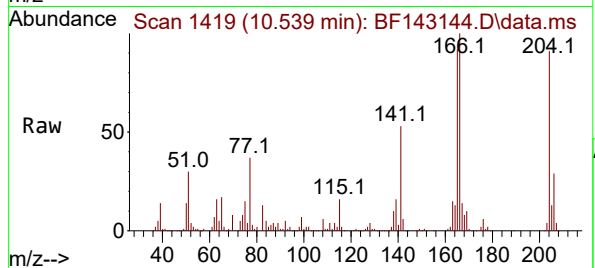
#61
4-Chlorophenyl-phenylether
Concen: 38.604 ng
RT: 10.539 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:204 Resp: 40647
Ion Ratio Lower Upper
204 100
206 32.3 25.8 38.8
141 58.7 47.0 70.4

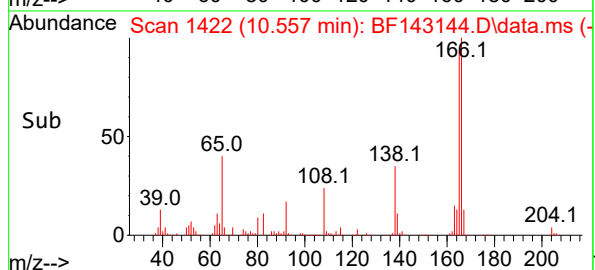
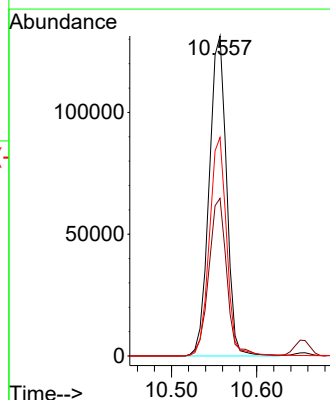
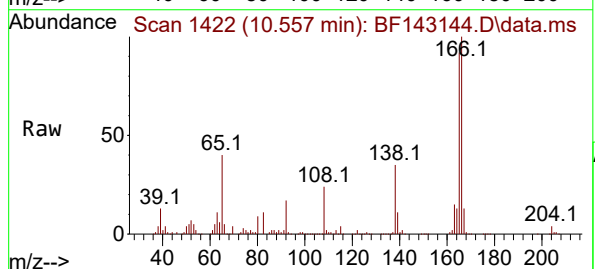
Manual Integrations
APPROVED

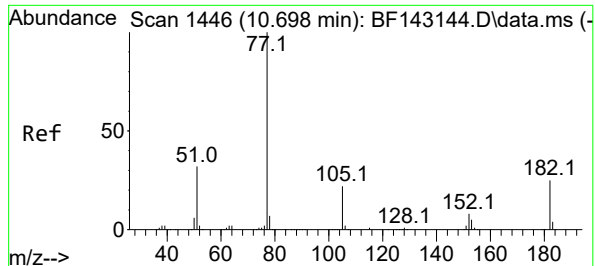
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#62
4-Nitroaniline
Concen: 42.055 ng
RT: 10.557 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

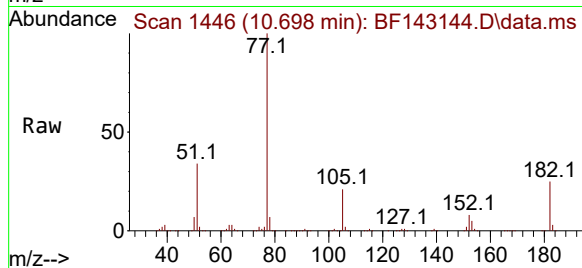
Tgt Ion:138 Resp: 185530
Ion Ratio Lower Upper
138 100
92 49.3 29.3 69.3
108 68.3 48.3 88.3





#63
Azobenzene
Concen: 39.326 ng
RT: 10.698 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

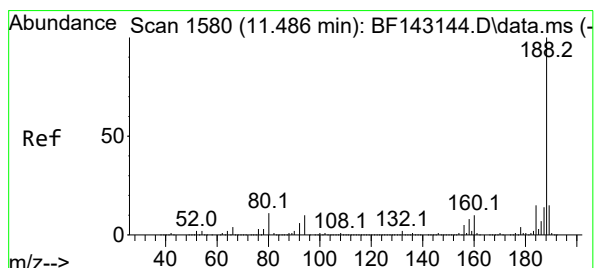
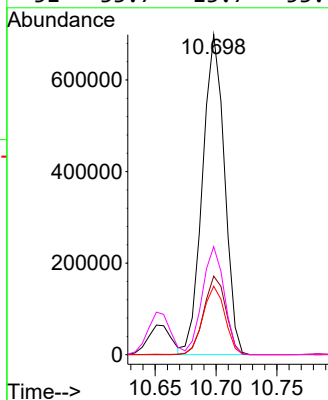
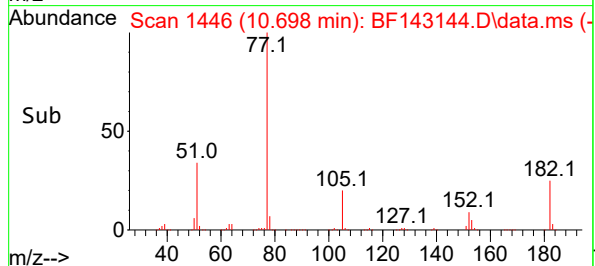
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



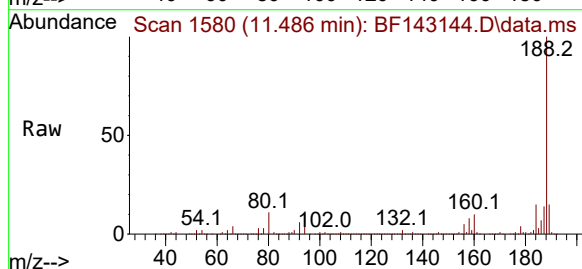
Tgt Ion: 77 Resp: 87638
Ion Ratio Lower Upper
77 100
182 24.6 4.6 44.6
105 21.4 1.4 41.4
51 33.7 13.7 53.7

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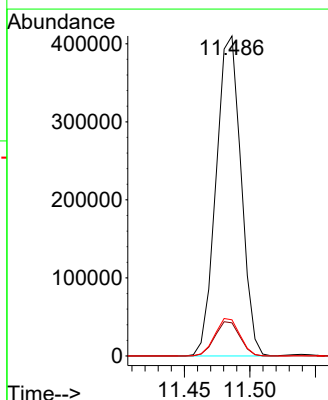
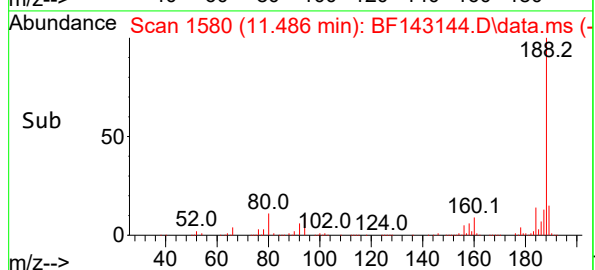
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

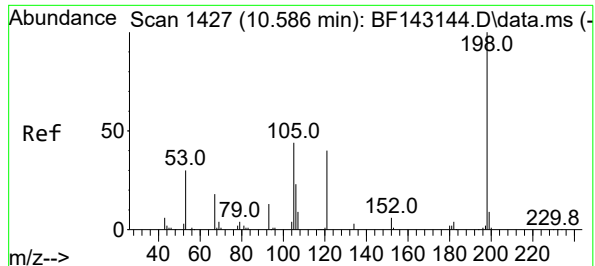


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03



Tgt Ion:188 Resp: 542726
Ion Ratio Lower Upper
188 100
94 10.4 8.3 12.5
80 11.3 9.0 13.6





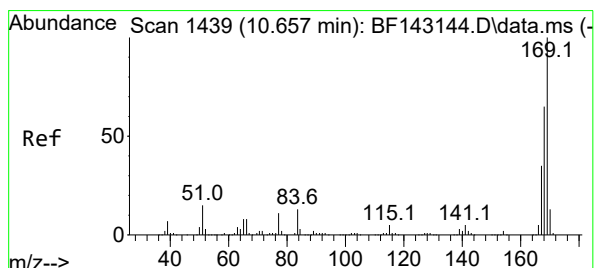
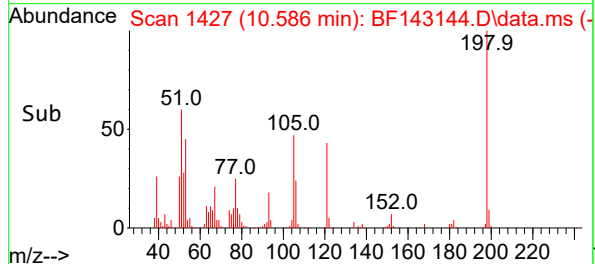
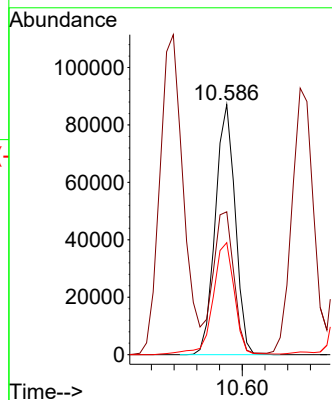
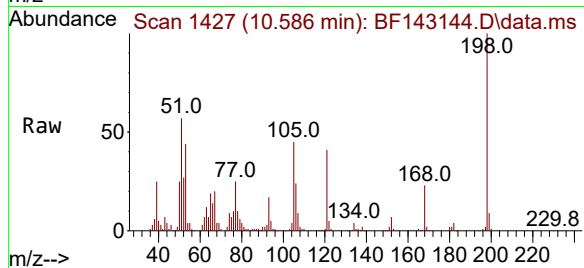
#65
4,6-Dinitro-2-methylphenol
Concen: 38.322 ng
RT: 10.586 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:198 Resp: 105532
Ion Ratio Lower Upper
198 100
51 57.2 37.2 77.2
105 44.8 24.8 64.8

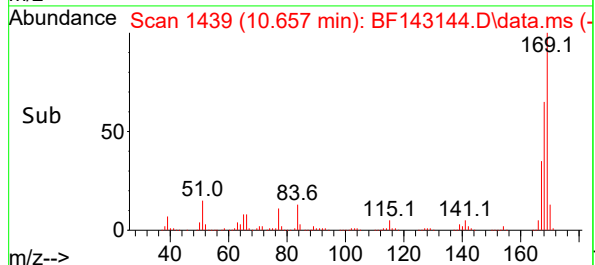
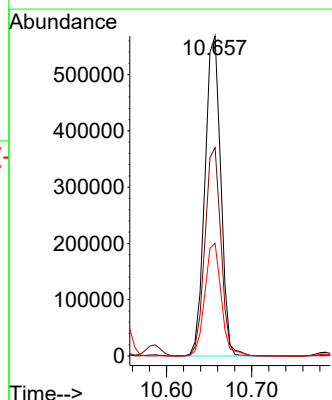
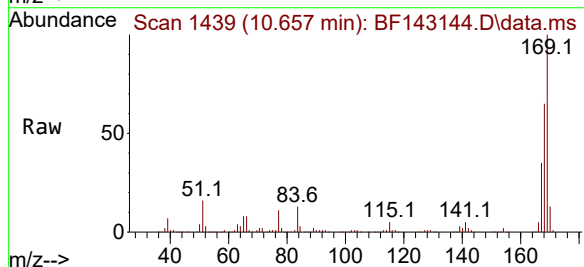
Manual Integrations
APPROVED

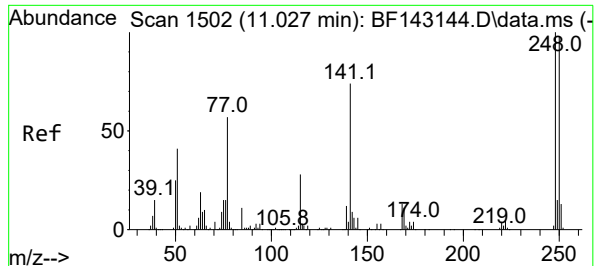
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#66
n-Nitrosodiphenylamine
Concen: 38.278 ng
RT: 10.657 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

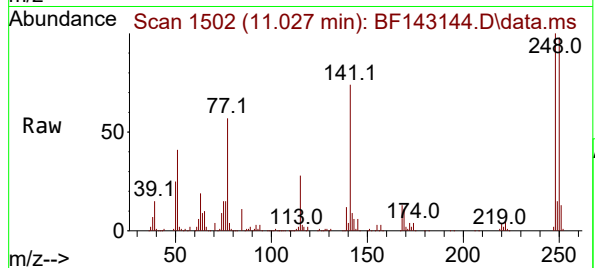
Tgt Ion:169 Resp: 731532
Ion Ratio Lower Upper
169 100
168 65.1 52.1 78.1
167 35.2 28.2 42.2





#67
4-Bromophenyl-phenylether
Concen: 38.307 ng
RT: 11.027 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

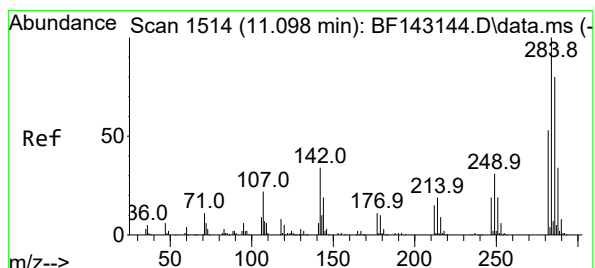
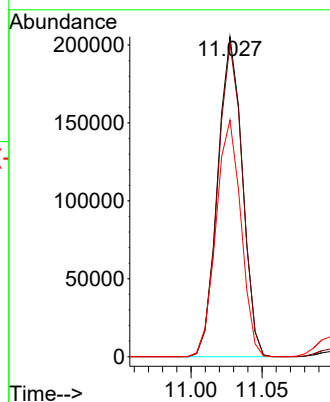
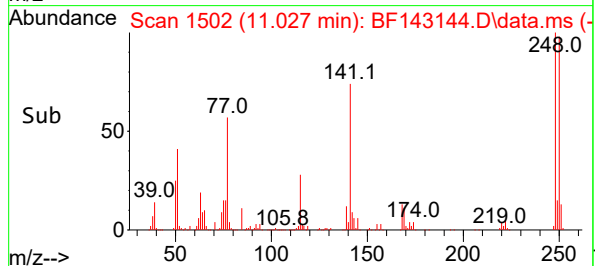
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



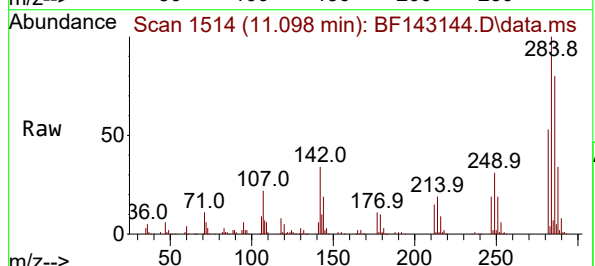
Tgt Ion:248 Resp: 247764
Ion Ratio Lower Upper
248 100
250 97.9 78.3 117.5
141 74.0 59.2 88.8

Manual Integrations
APPROVED

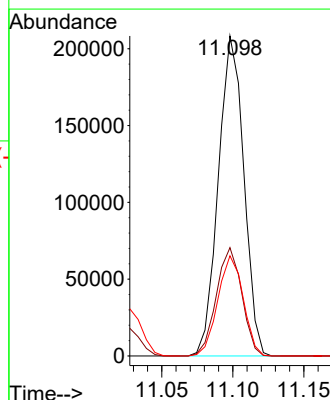
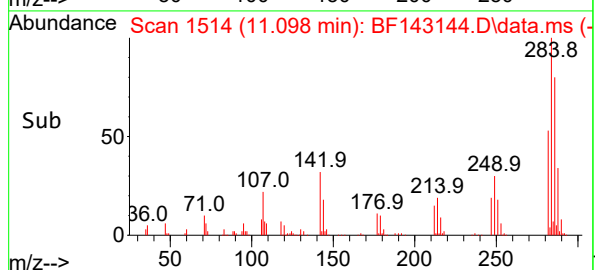
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

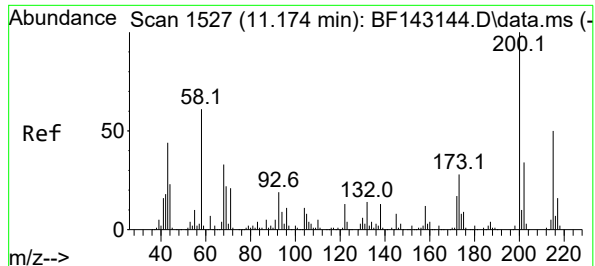


#68
Hexachlorobenzene
Concen: 38.424 ng
RT: 11.098 min Scan# 1514
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03



Tgt Ion:284 Resp: 259758
Ion Ratio Lower Upper
284 100
142 33.8 27.0 40.6
249 31.3 25.0 37.6





#69

Atrazine

Concen: 40.421 ng

RT: 11.174 min Scan# 1527

Delta R.T. 0.000 min

Lab File: BF143144.D

Acq: 17 Jul 2025 13:03

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:200 Resp: 212970

Ion Ratio Lower Upper

200 100

173 27.9 7.9 47.9

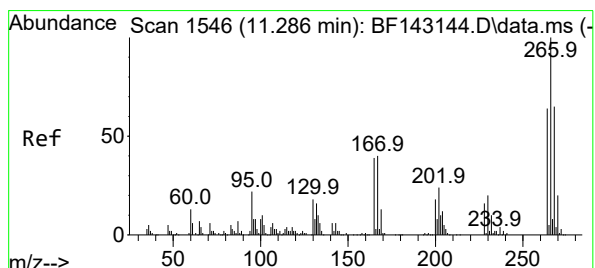
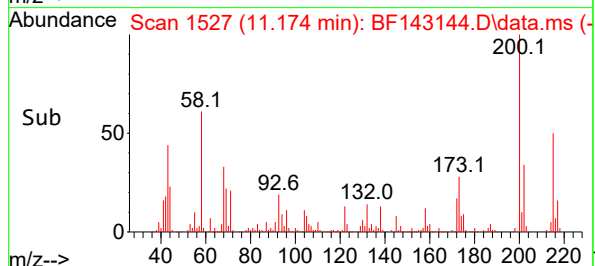
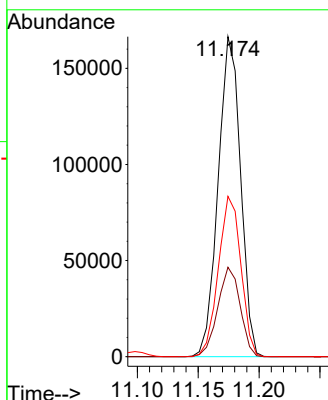
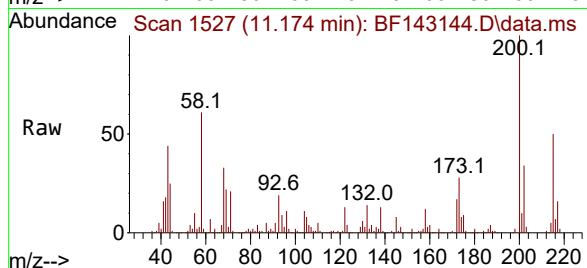
215 50.1 30.1 70.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#70

Pentachlorophenol

Concen: 40.500 ng

RT: 11.286 min Scan# 1546

Delta R.T. 0.000 min

Lab File: BF143144.D

Acq: 17 Jul 2025 13:03

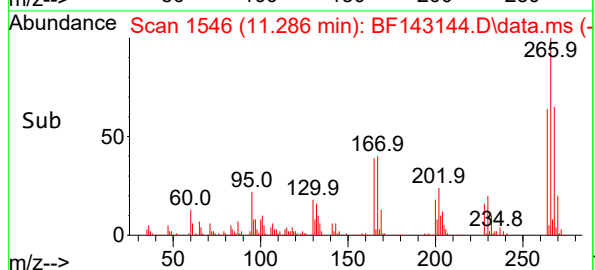
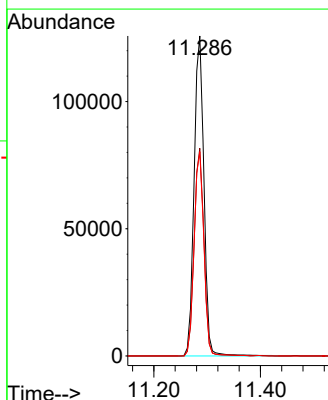
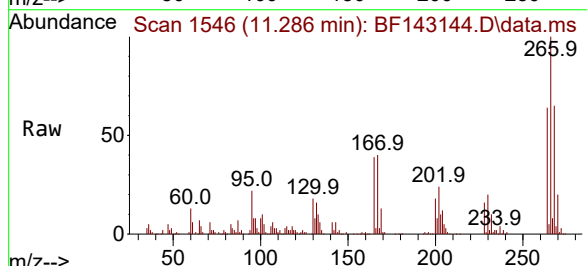
Tgt Ion:266 Resp: 161013

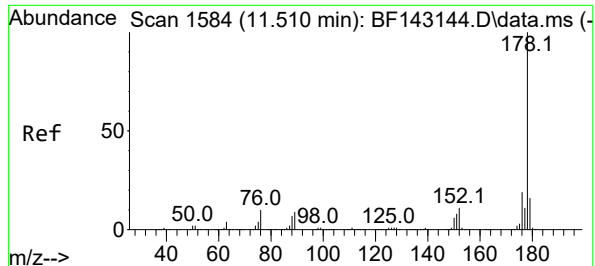
Ion Ratio Lower Upper

266 100

268 64.9 51.9 77.9

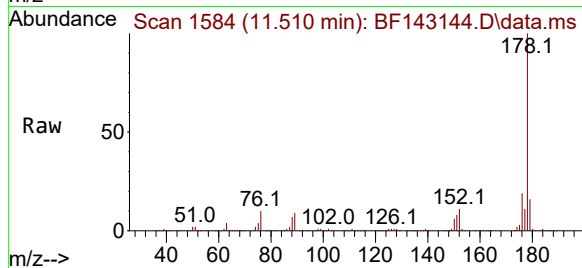
264 63.8 51.0 76.6





#71
Phenanthrene
Concen: 38.429 ng
RT: 11.510 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

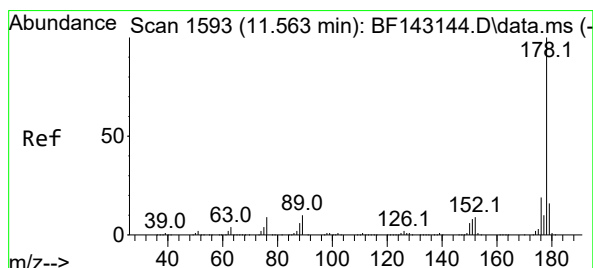
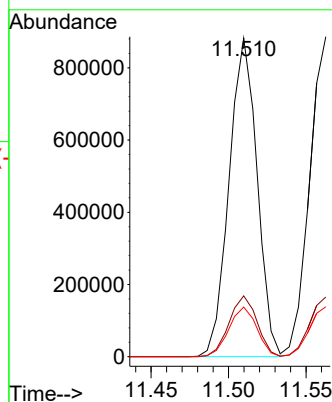
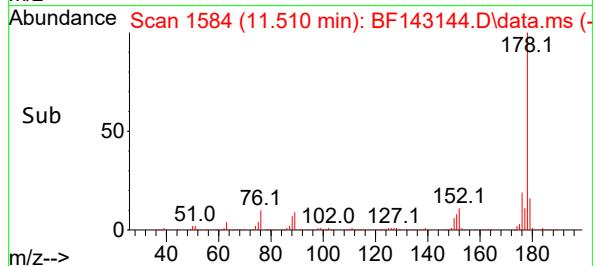
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:178 Resp: 1107412
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.6 12.5 18.7

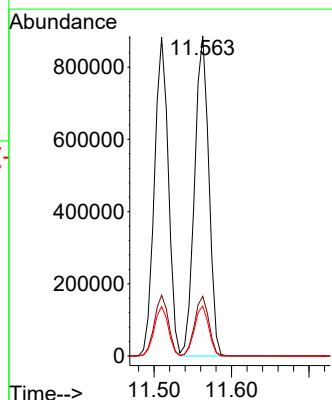
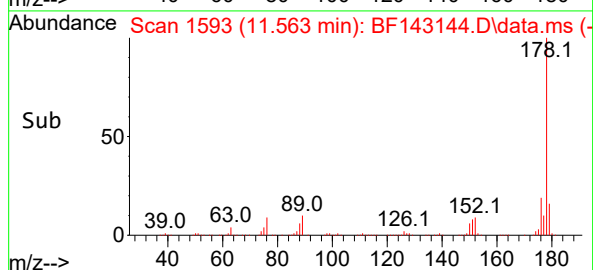
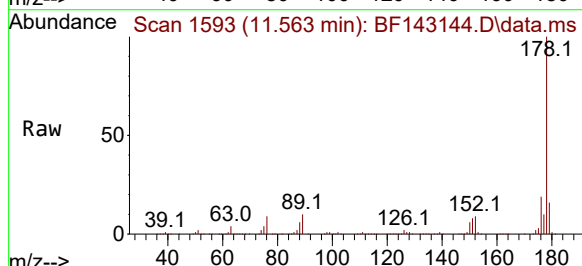
Manual Integrations
APPROVED

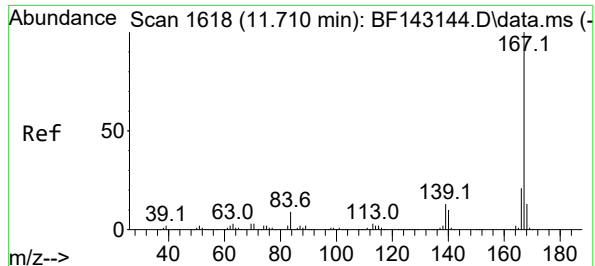
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#72
Anthracene
Concen: 38.336 ng
RT: 11.563 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

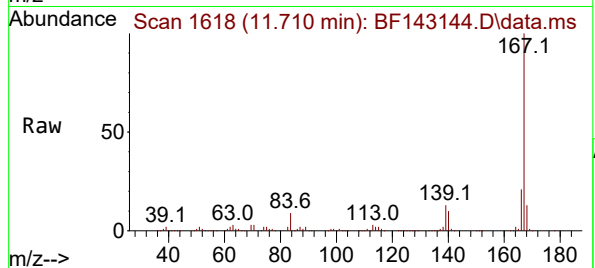
Tgt Ion:178 Resp: 1126710
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.6 12.5 18.7





#73
Carbazole
Concen: 39.304 ng
RT: 11.710 min Scan# 1618
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

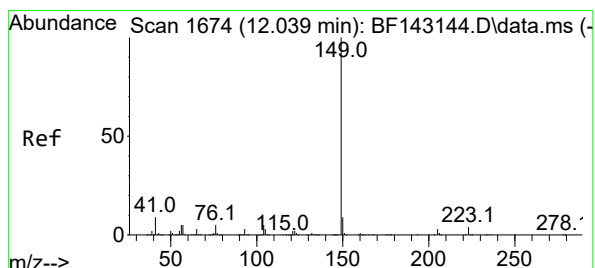
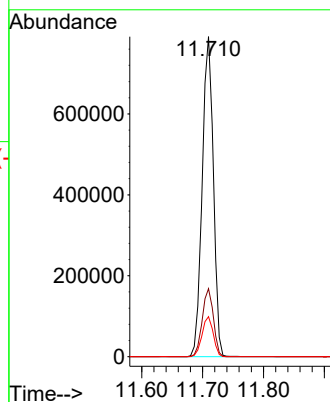
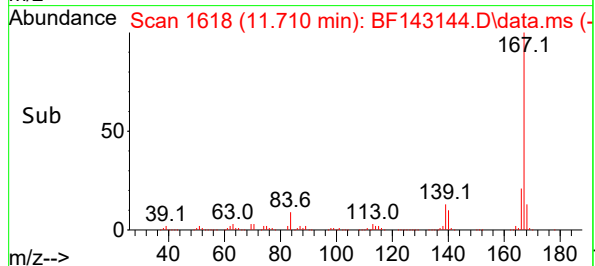
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



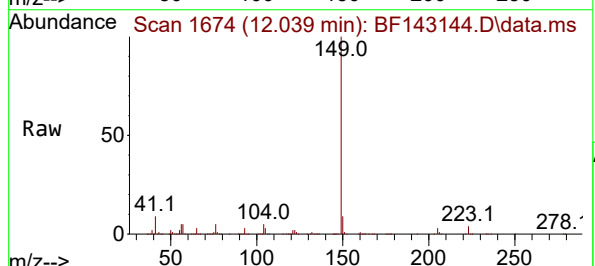
Tgt Ion:167 Resp: 1008669
Ion Ratio Lower Upper
167 100
166 21.3 17.0 25.6
139 12.5 10.0 15.0

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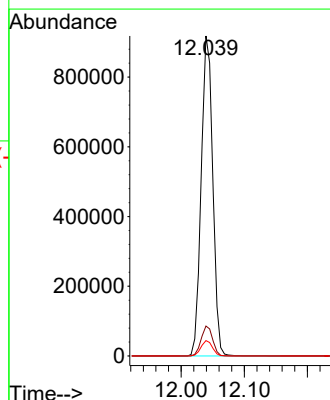
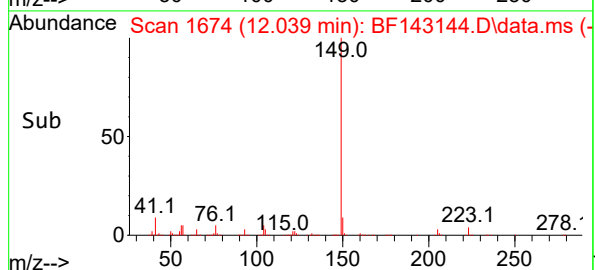
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

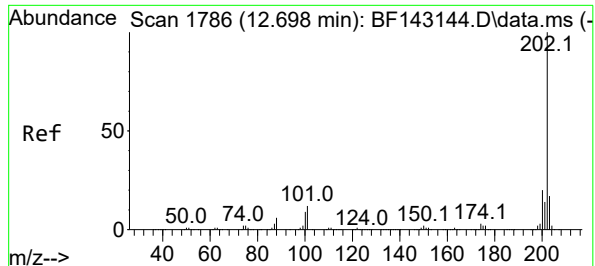


#74
Di-n-butylphthalate
Concen: 40.135 ng
RT: 12.039 min Scan# 1674
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03



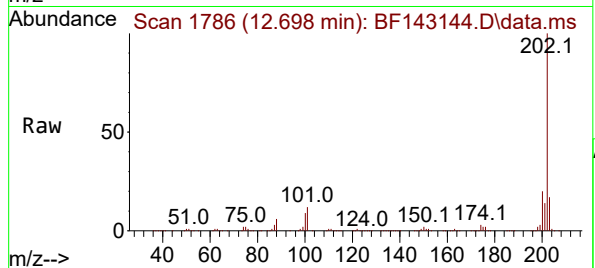
Tgt Ion:149 Resp: 1165443
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.2
104 4.8 3.8 5.8





#75
Fluoranthene
Concen: 39.111 ng
RT: 12.698 min Scan# 1786
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

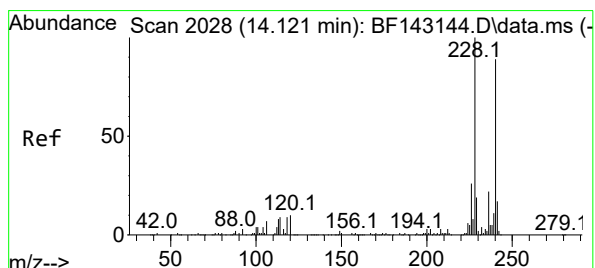
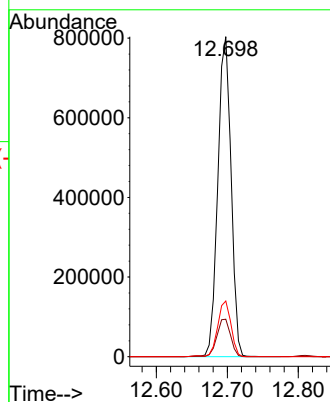
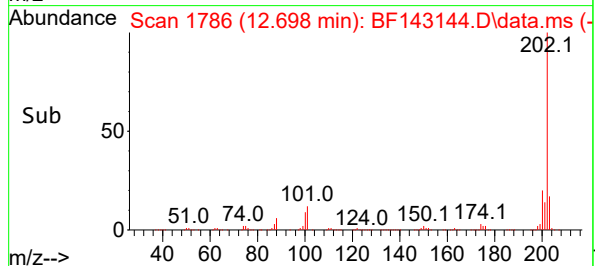
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:202 Resp: 1034509
Ion Ratio Lower Upper
202 100
101 11.7 0.0 31.7
203 17.4 0.0 37.4

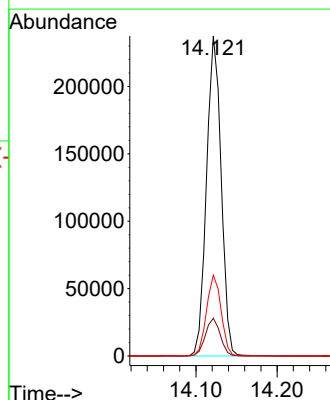
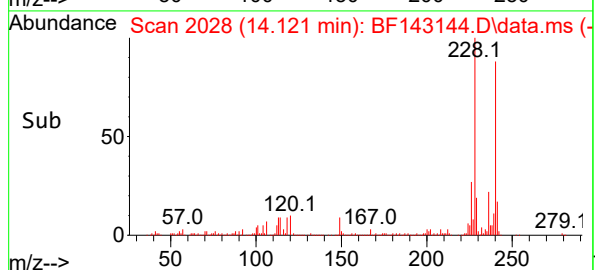
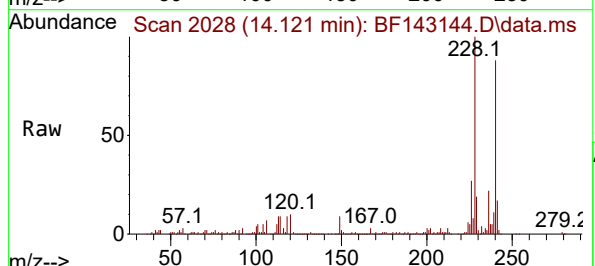
Manual Integrations
APPROVED

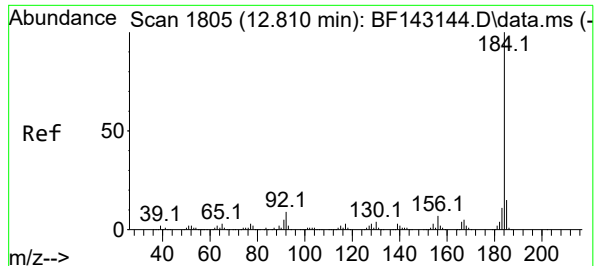
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

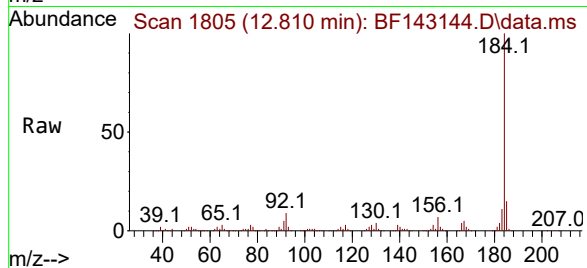
Tgt Ion:240 Resp: 296414
Ion Ratio Lower Upper
240 100
120 11.8 9.4 14.2
236 25.3 20.2 30.4





#77
Benzidine
Concen: 49.451 ng
RT: 12.810 min Scan# 1805
Delta R.T. -0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

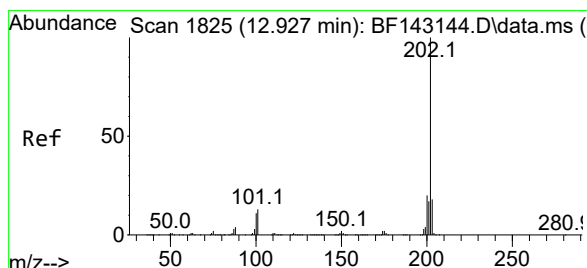
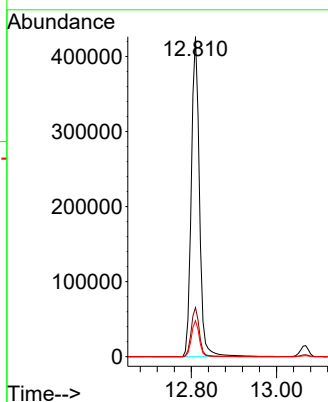
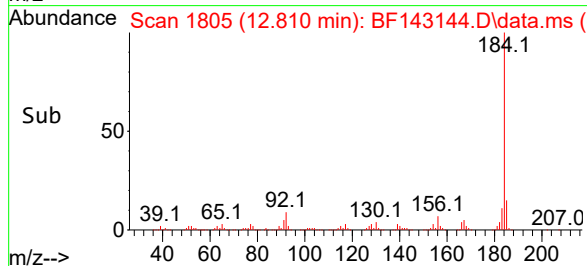
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:184 Resp: 564732
Ion Ratio Lower Upper
184 100
185 15.3 12.2 18.4
183 11.2 9.0 13.4

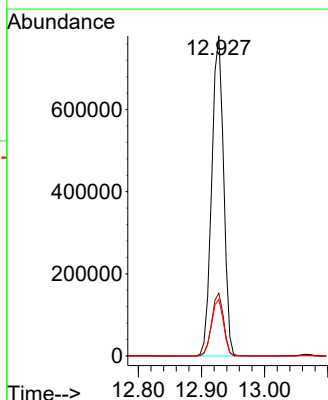
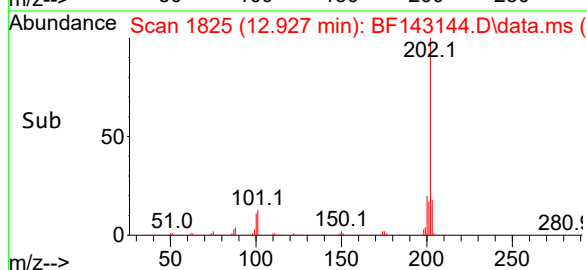
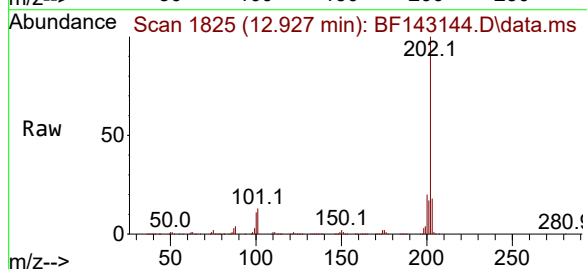
Manual Integrations
APPROVED

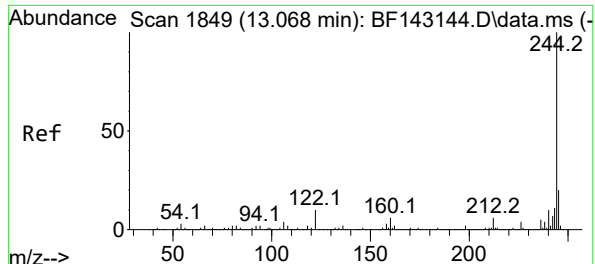
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#78
Pyrene
Concen: 40.195 ng
RT: 12.927 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:202 Resp: 1016822
Ion Ratio Lower Upper
202 100
200 19.6 15.7 23.5
203 17.7 14.2 21.2





#79

Terphenyl-d14

Concen: 78.063 ng

RT: 13.068 min Scan# 1849

Delta R.T. 0.000 min

Lab File: BF143144.D

Acq: 17 Jul 2025 13:03

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:244 Resp: 155492

Ion Ratio Lower Upper

244 100

212 6.5 5.2 7.8

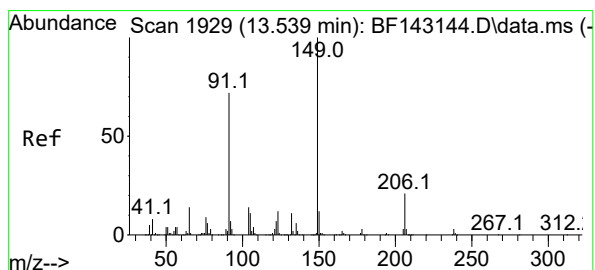
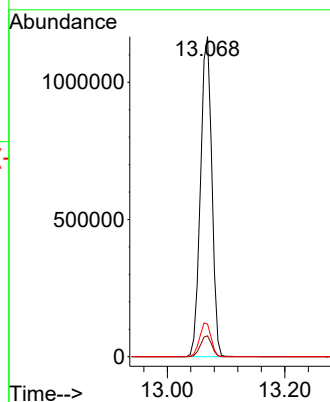
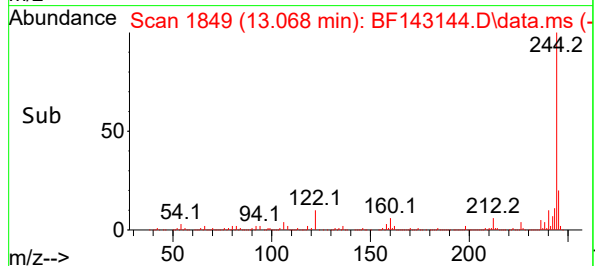
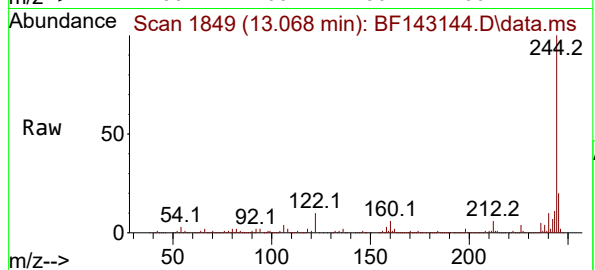
122 10.2 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#80

Butylbenzylphthalate

Concen: 41.603 ng

RT: 13.539 min Scan# 1929

Delta R.T. 0.000 min

Lab File: BF143144.D

Acq: 17 Jul 2025 13:03

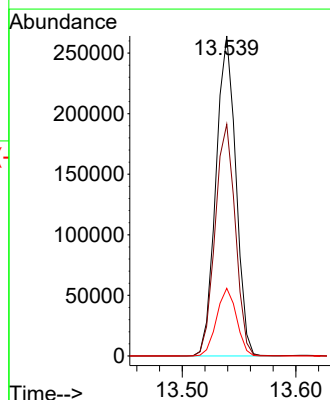
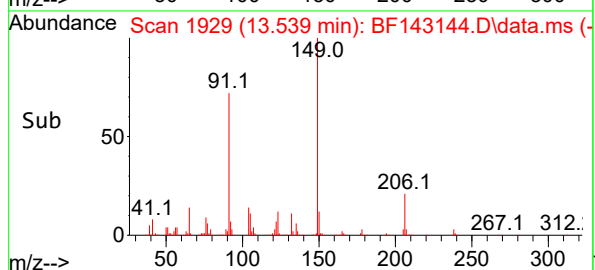
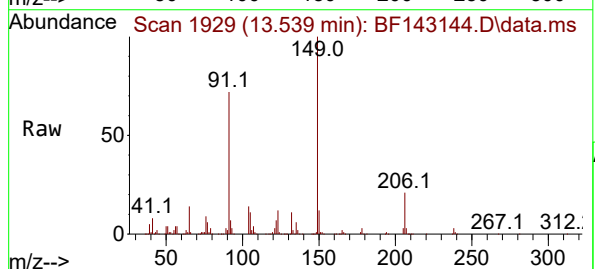
Tgt Ion:149 Resp: 322273

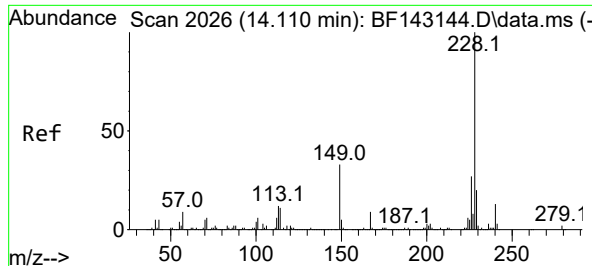
Ion Ratio Lower Upper

149 100

91 72.4 57.9 86.9

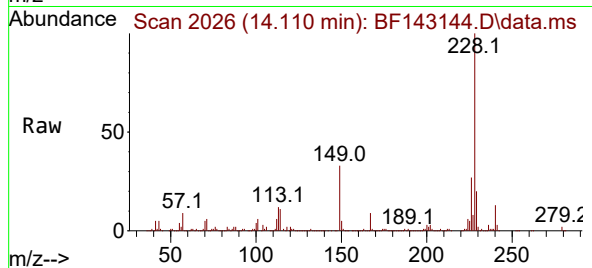
206 21.2 17.0 25.4





#81
Benzo(a)anthracene
Concen: 38.283 ng
RT: 14.110 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

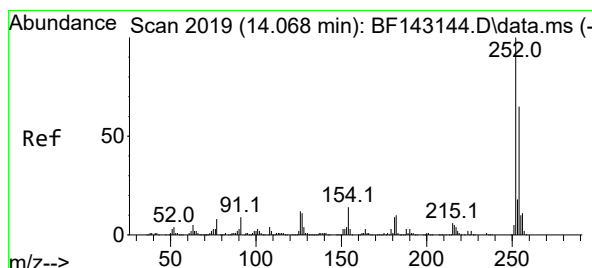
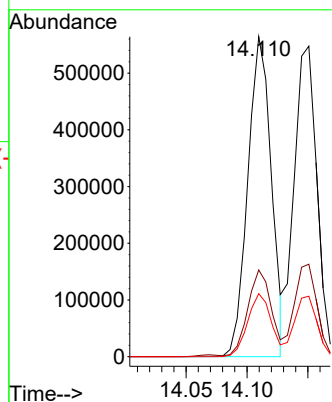
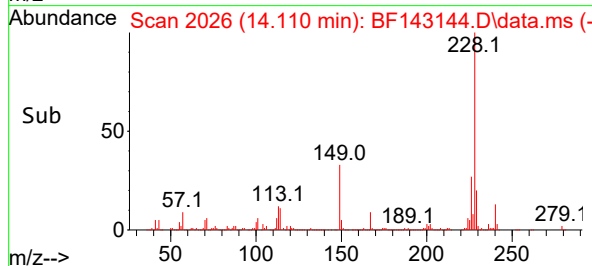
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:228 Resp: 759720
Ion Ratio Lower Upper
228 100
226 27.1 21.7 32.5
229 19.7 15.8 23.6

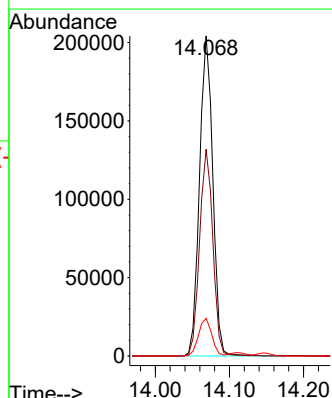
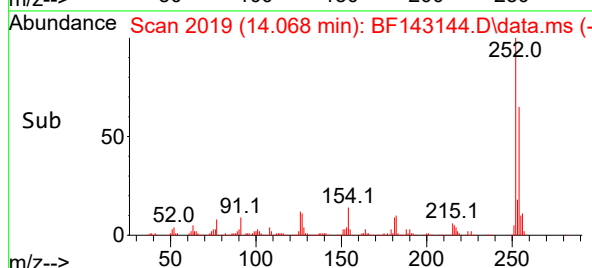
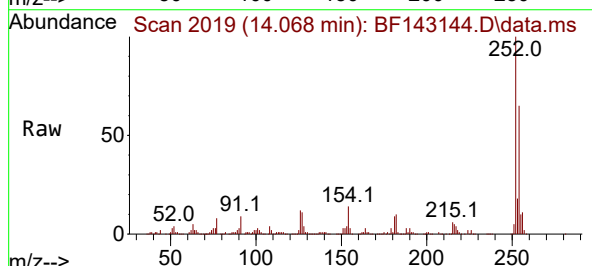
Manual Integrations
APPROVED

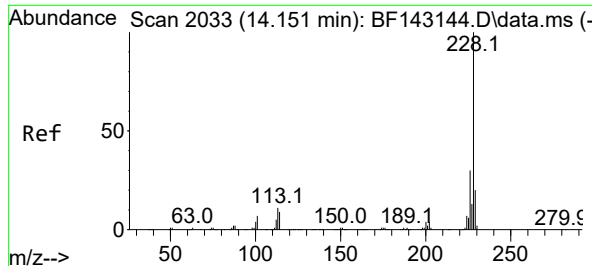
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#82
3,3'-Dichlorobenzidine
Concen: 38.418 ng
RT: 14.068 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

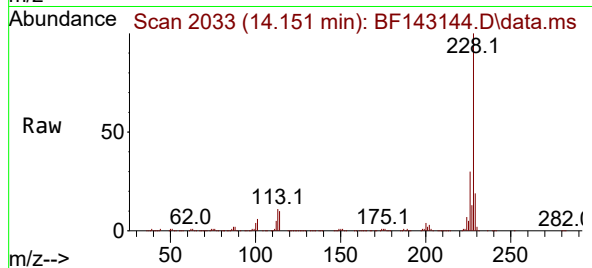
Tgt Ion:252 Resp: 254099
Ion Ratio Lower Upper
252 100
254 64.6 51.7 77.5
126 11.7 9.4 14.0





#83
Chrysene
Concen: 40.085 ng
RT: 14.151 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

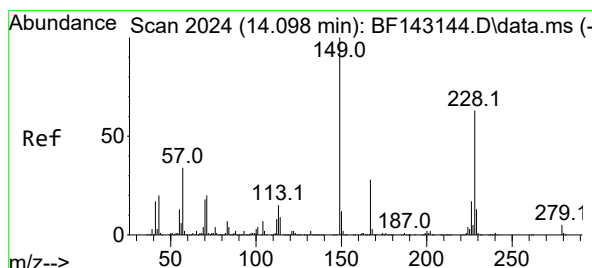
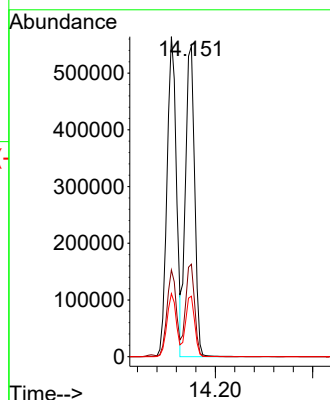
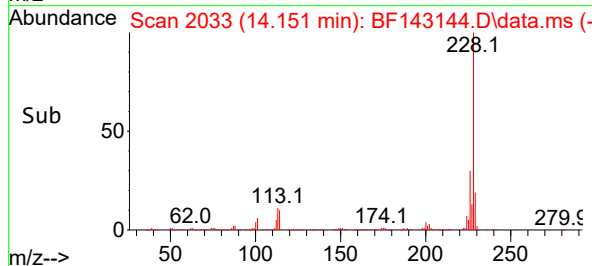
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:228 Resp: 715222
Ion Ratio Lower Upper
228 100
226 29.8 23.8 35.8
229 19.5 15.6 23.4

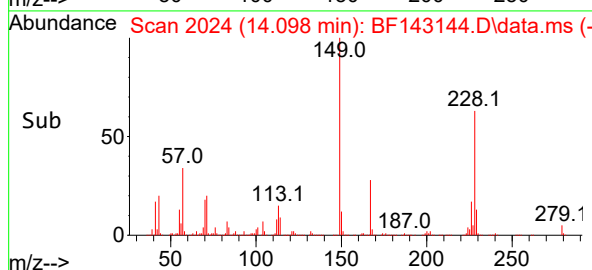
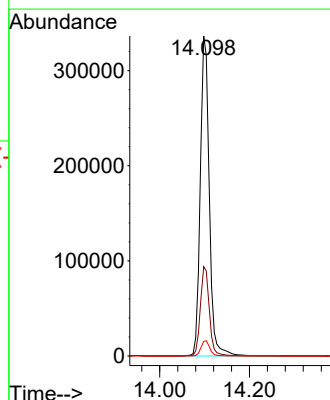
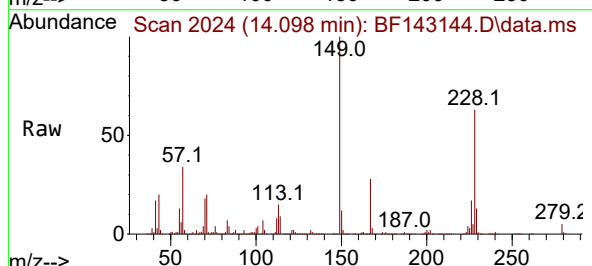
Manual Integrations
APPROVED

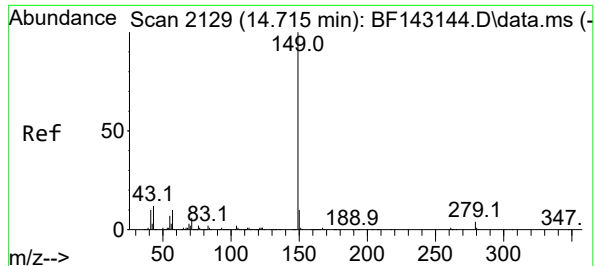
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 39.906 ng
RT: 14.098 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

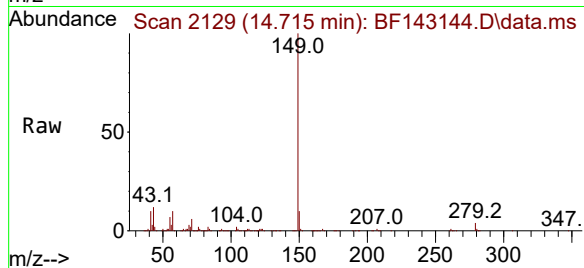
Tgt Ion:149 Resp: 467892
Ion Ratio Lower Upper
149 100
167 27.9 22.3 33.5
279 4.5 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 38.595 ng
RT: 14.715 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

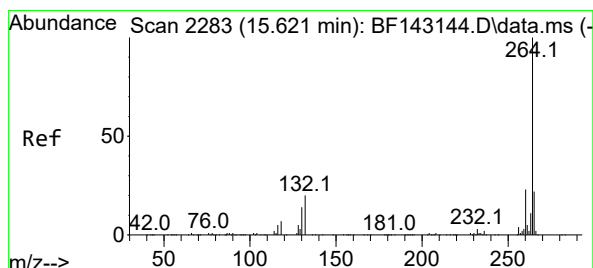
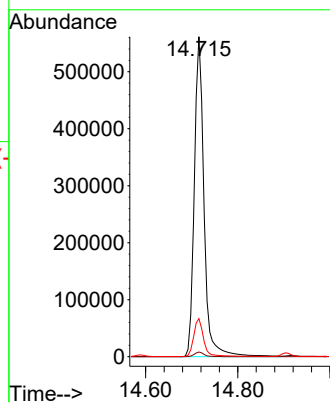
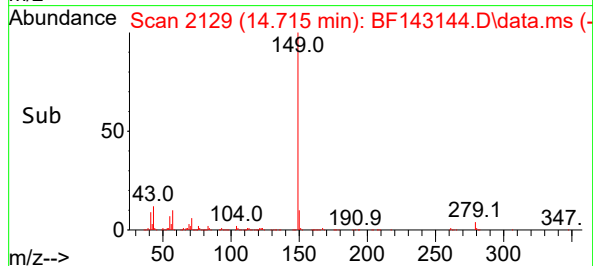
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:149 Resp: 820264
Ion Ratio Lower Upper
149 100
167 1.4 1.1 1.7
43 12.1 9.7 14.5

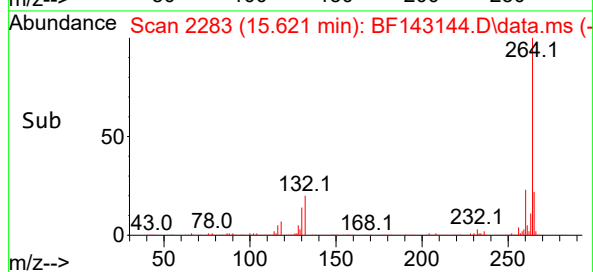
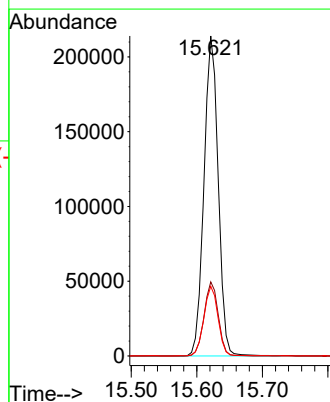
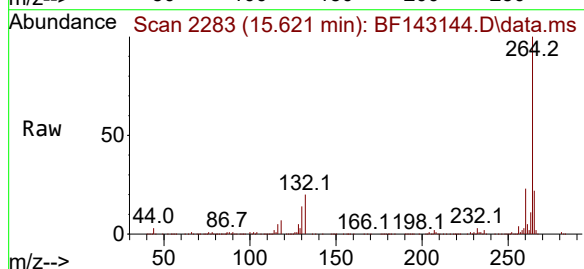
Manual Integrations
APPROVED

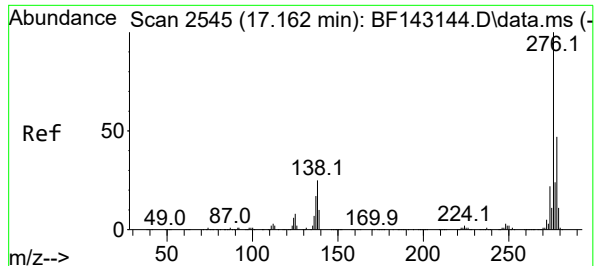
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2283
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

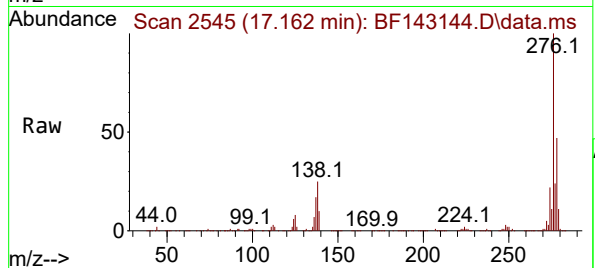
Tgt Ion:264 Resp: 323574
Ion Ratio Lower Upper
264 100
260 23.1 18.5 27.7
265 21.8 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 40.086 ng
RT: 17.162 min Scan# 2545
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

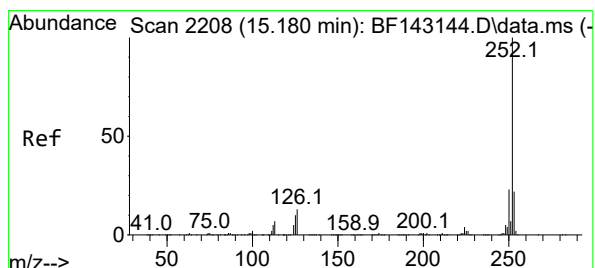
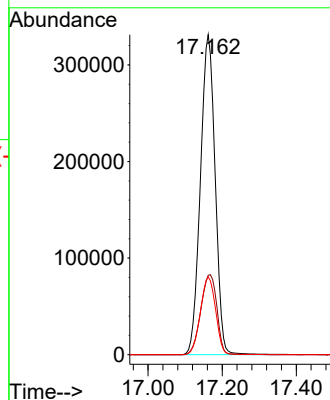
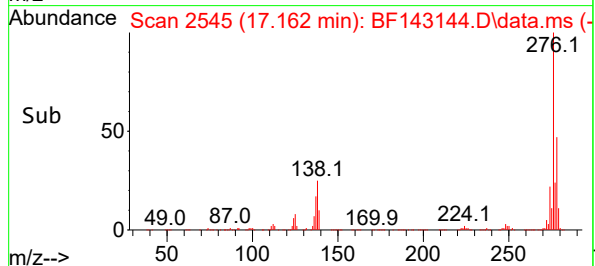
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:276 Resp: 914620
Ion Ratio Lower Upper
276 100
138 27.2 21.8 32.6
277 25.0 20.0 30.0

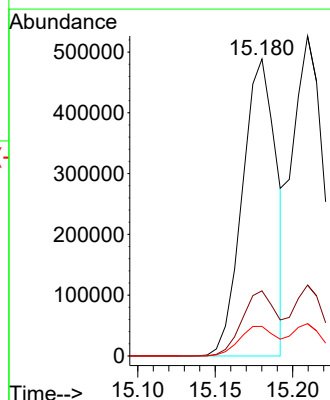
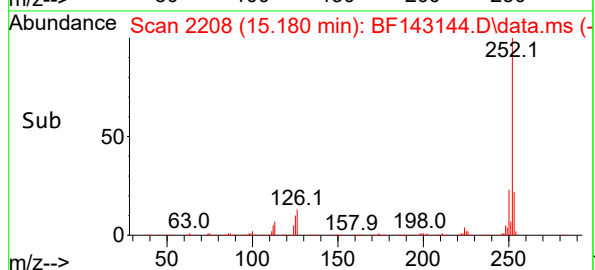
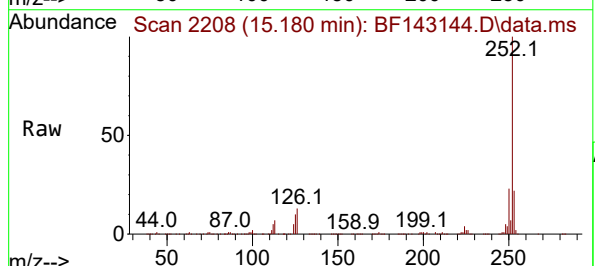
Manual Integrations
APPROVED

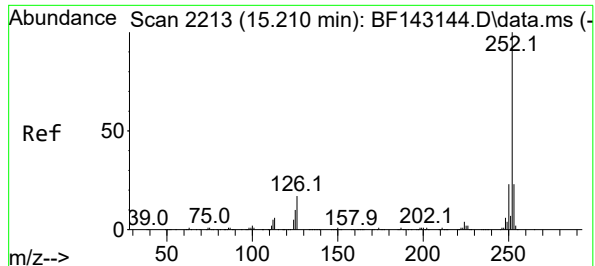
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#88
Benzo(b)fluoranthene
Concen: 37.554 ng
RT: 15.180 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:252 Resp: 742346
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 10.0 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 41.591 ng

RT: 15.210 min Scan# 2213

Delta R.T. 0.000 min

Lab File: BF143144.D

Acq: 17 Jul 2025 13:03

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:252 Resp: 73363

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

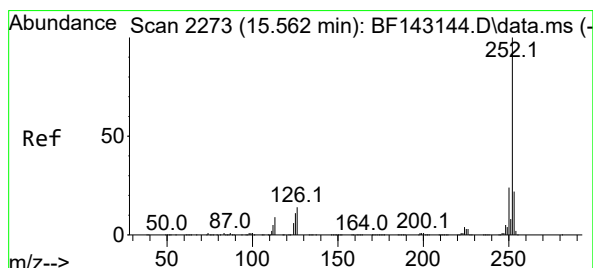
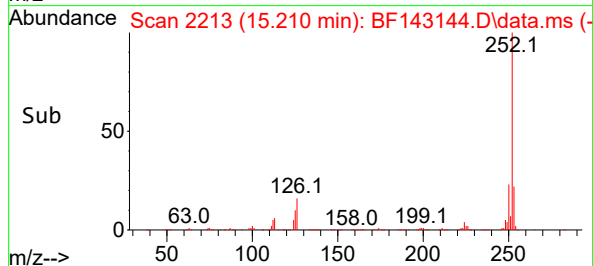
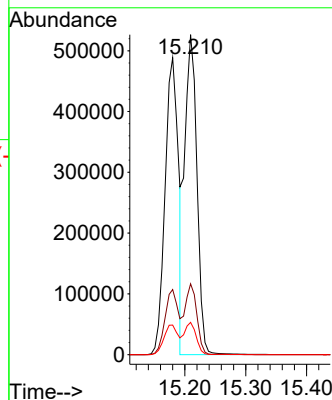
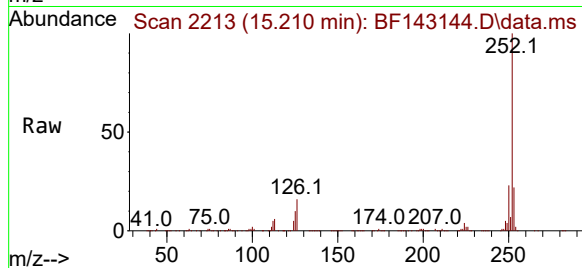
125 10.1 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#90

Benzo(a)pyrene

Concen: 39.826 ng

RT: 15.562 min Scan# 2273

Delta R.T. 0.000 min

Lab File: BF143144.D

Acq: 17 Jul 2025 13:03

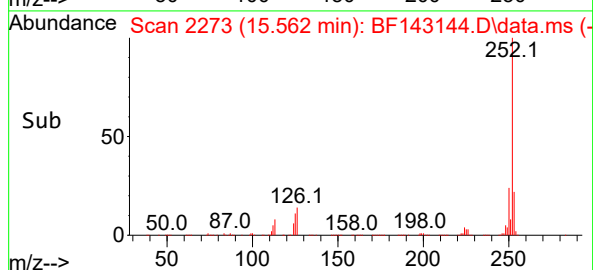
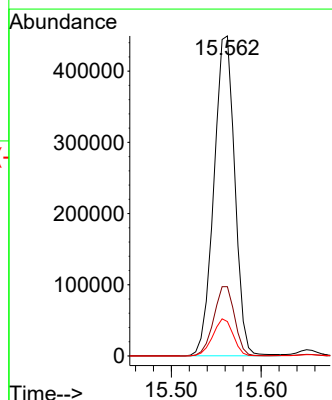
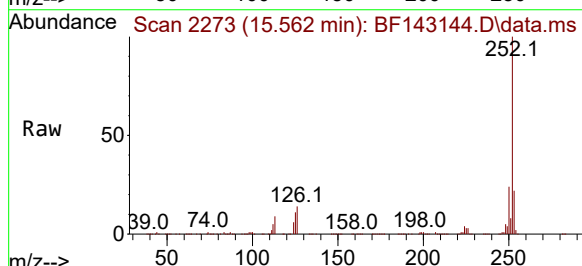
Tgt Ion:252 Resp: 725344

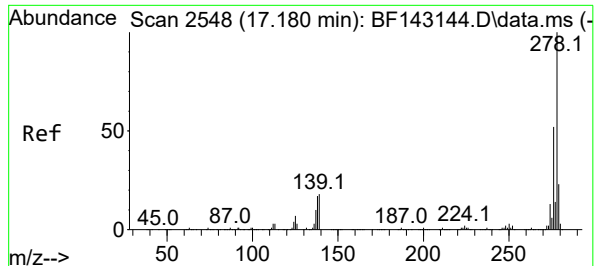
Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

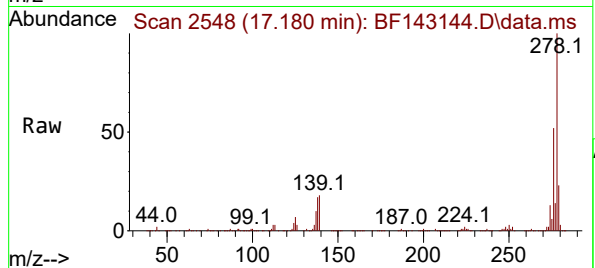
125 10.8 8.6 13.0





#91
Dibenzo(a,h)anthracene
Concen: 39.964 ng
RT: 17.180 min Scan# 2548
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

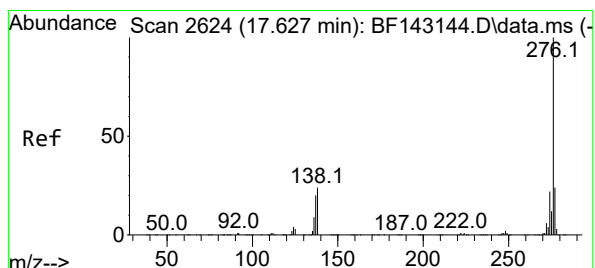
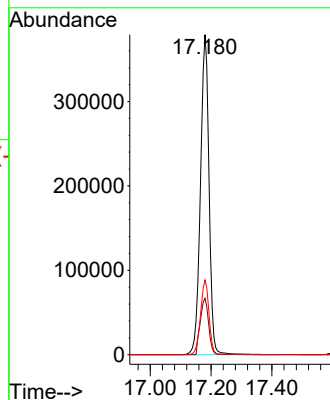
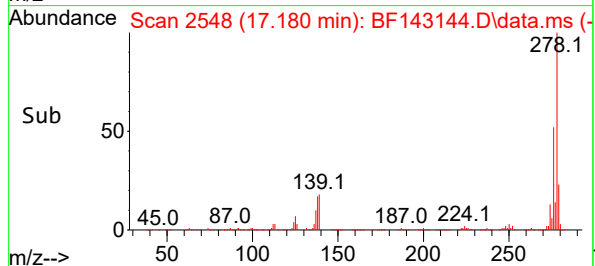
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



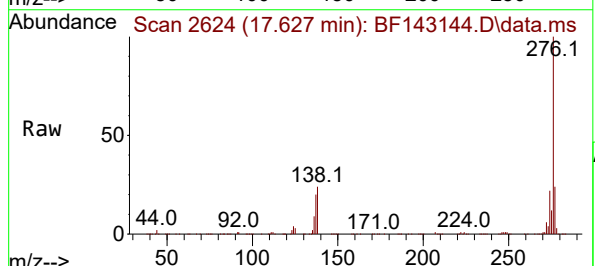
Tgt Ion:278 Resp: 742180
Ion Ratio Lower Upper
278 100
139 17.6 14.1 21.1
279 23.3 18.6 28.0

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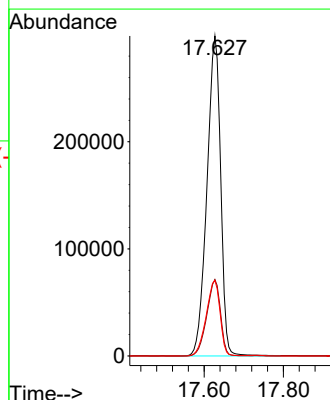
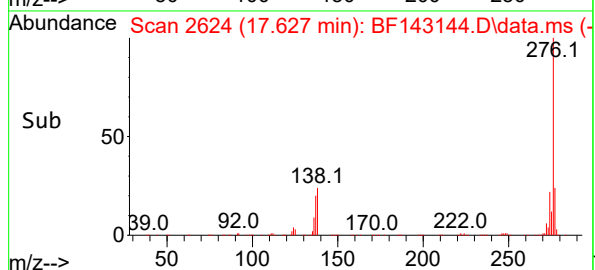
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#92
Benzo(g,h,i)perylene
Concen: 39.949 ng
RT: 17.627 min Scan# 2624
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03



Tgt Ion:276 Resp: 717648
Ion Ratio Lower Upper
276 100
277 23.9 19.1 28.7
138 23.6 18.9 28.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
 Data File : BF143145.D
 Acq On : 17 Jul 2025 13:33
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

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

Quant Time: Jul 17 15:04:19 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 14:54:43 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	144385	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	555536	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	283657	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	447089	20.000	ng	0.00
76) Chrysene-d12	14.121	240	247878	20.000	ng	0.00
86) Perylene-d12	15.621	264	282289	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	927268	101.629	ng	0.00
7) Phenol-d6	6.587	99	1178468	102.615	ng	0.00
23) Nitrobenzene-d5	7.528	82	1158494	103.949	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	309465	105.607	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	2005894	96.712	ng	0.00
79) Terphenyl-d14	13.068	244	1663033	99.838	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.816	88	225749	52.289	ng	100
3) Pyridine	3.587	79	584060	52.122	ng	99
4) n-Nitrosodimethylamine	3.534	42	307202	53.098	ng	100
6) Aniline	6.628	93	827275	51.687	ng	100
8) 2-Chlorophenol	6.751	128	493989	51.652	ng	98
9) Benzaldehyde	6.516	77	509476	59.162	ng	99
10) Phenol	6.598	94	645540m	51.598	ng	
11) bis(2-Chloroethyl)ether	6.698	93	491371	51.295	ng	99
12) 1,3-Dichlorobenzene	6.910	146	529202	50.937	ng	99
13) 1,4-Dichlorobenzene	6.981	146	531696	50.818	ng	99
14) 1,2-Dichlorobenzene	7.134	146	510140	51.264	ng	100
15) Benzyl Alcohol	7.098	79	461379	52.616	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.239	45	908530	51.128	ng	99
17) 2-Methylphenol	7.204	107	418793	52.079	ng	100
18) Hexachloroethane	7.481	117	189394	52.289	ng	99
19) n-Nitroso-di-n-propyla...	7.381	70	369367	50.131	ng	99
20) 3+4-Methylphenols	7.363	107	506069	51.870	ng	# 89
22) Acetophenone	7.369	105	661017	50.258	ng	98
24) Nitrobenzene	7.545	77	538666	51.843	ng	100
25) Isophorone	7.786	82	1018783	51.783	ng	99
26) 2-Nitrophenol	7.857	139	252169	55.920	ng	98
27) 2,4-Dimethylphenol	7.892	122	469819	51.112	ng	100
28) bis(2-Chloroethoxy)met...	7.986	93	597241	50.631	ng	100
29) 2,4-Dichlorophenol	8.098	162	401336	51.773	ng	99
30) 1,2,4-Trichlorobenzene	8.186	180	420763	50.242	ng	99
31) Naphthalene	8.269	128	1369627	50.060	ng	100
32) Benzoic acid	7.998	122	273361m	52.352	ng	
33) 4-Chloroaniline	8.310	127	566422	50.703	ng	99
34) Hexachlorobutadiene	8.392	225	260787	50.976	ng	99
35) Caprolactam	8.680	113	126050	53.811	ng	96
36) 4-Chloro-3-methylphenol	8.786	107	431745	51.242	ng	98
37) 2-Methylnaphthalene	8.957	142	837820	50.324	ng	100
38) 1-Methylnaphthalene	9.057	142	862300	50.298	ng	100
40) 1,2,4,5-Tetrachloroben...	9.128	216	412916	50.420	ng	100
41) Hexachlorocyclopentadiene	9.116	237	286805	53.823	ng	99
43) 2,4,6-Trichlorophenol	9.228	196	304466	53.718	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
 Data File : BF143145.D
 Acq On : 17 Jul 2025 13:33
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

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

Quant Time: Jul 17 15:04:19 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 14:54:43 2025
 Response via : Initial Calibration

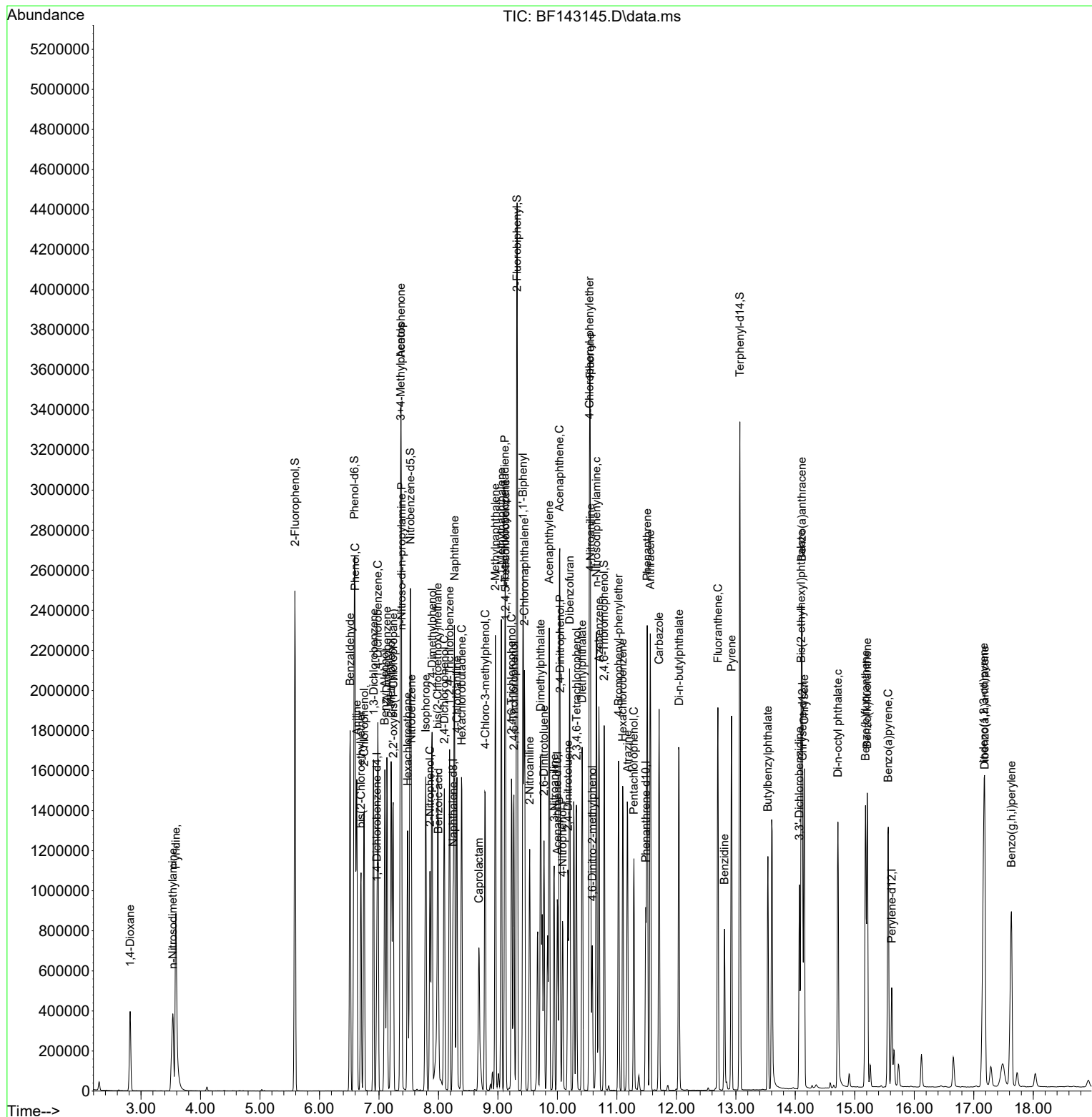
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	291607	51.434	ng	99
46) 1,1'-Biphenyl	9.422	154	1101317	49.764	ng	99
47) 2-Chloronaphthalene	9.445	162	826749	50.488	ng	100
48) 2-Nitroaniline	9.533	65	281082	54.736	ng	99
49) Acenaphthylene	9.863	152	1388721	50.605	ng	100
50) Dimethylphthalate	9.716	163	939863	50.832	ng	100
51) 2,6-Dinitrotoluene	9.775	165	205147	54.541	ng	98
52) Acenaphthene	10.033	154	818783	50.481	ng	100
53) 3-Nitroaniline	9.945	138	236959	53.861	ng	99
54) 2,4-Dinitrophenol	10.045	184	81983	50.750	ng	98
55) Dibenzofuran	10.204	168	1204088	50.001	ng	99
56) 4-Nitrophenol	10.086	139	177408	54.001	ng	98
57) 2,4-Dinitrotoluene	10.180	165	264045	55.954	ng	95
58) Fluorene	10.551	166	891646	49.335	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.322	232	248745	52.965	ng	100
60) Diethylphthalate	10.416	149	942625	51.580	ng	100
61) 4-Chlorophenyl-phenyle...	10.539	204	449168	49.911	ng	99
62) 4-Nitroaniline	10.557	138	205210	54.424	ng	99
63) Azobenzene	10.698	77	966931	50.766	ng	100
65) 4,6-Dinitro-2-methylph...	10.586	198	122876	51.927	ng	100
66) n-Nitrosodiphenylamine	10.657	169	811422	51.540	ng	100
67) 4-Bromophenyl-phenylether	11.027	248	275679	51.741	ng	98
68) Hexachlorobenzene	11.098	284	288405	51.788	ng	100
69) Atrazine	11.180	200	232907	53.662	ng	99
70) Pentachlorophenol	11.286	266	178753	54.581	ng	99
71) Phenanthrene	11.510	178	1194582	50.321	ng	100
72) Anthracene	11.563	178	1223920	50.552	ng	100
73) Carbazole	11.710	167	1076803	50.934	ng	100
74) Di-n-butylphthalate	12.045	149	1250841	52.290	ng	100
75) Fluoranthene	12.698	202	1093890	50.203	ng	100
77) Benzidine	12.810	184	431944	45.229	ng	100
78) Pyrene	12.927	202	1078520	50.982	ng	100
80) Butylbenzylphthalate	13.539	149	360698	55.681	ng	98
81) Benzo(a)anthracene	14.110	228	880975	53.085	ng	99
82) 3,3'-Dichlorobenzidine	14.068	252	294836	53.305	ng	99
83) Chrysene	14.151	228	754953	50.597	ng	100
84) Bis(2-ethylhexyl)phtha...	14.098	149	534128	54.475	ng	100
85) Di-n-octyl phthalate	14.715	149	960309	54.032	ng	99
87) Indeno(1,2,3-cd)pyrene	17.168	276	1061877	53.347	ng	99
88) Benzo(b)fluoranthene	15.180	252	953990	55.319	ng	100
89) Benzo(k)fluoranthene	15.209	252	754417	49.024	ng	99
90) Benzo(a)pyrene	15.562	252	840968	52.928	ng	100
91) Dibenzo(a,h)anthracene	17.186	278	861467	53.172	ng	99
92) Benzo(g,h,i)perylene	17.633	276	843865	53.845	ng	100

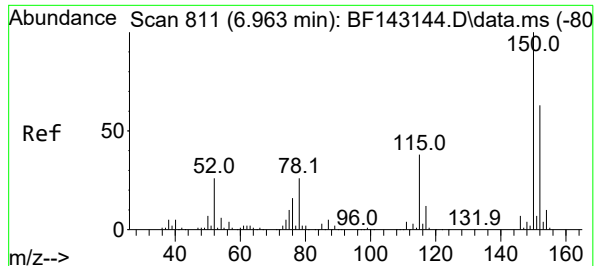
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations

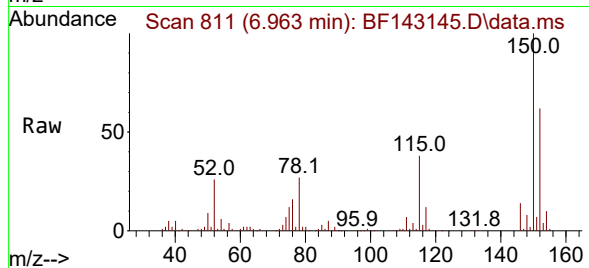
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

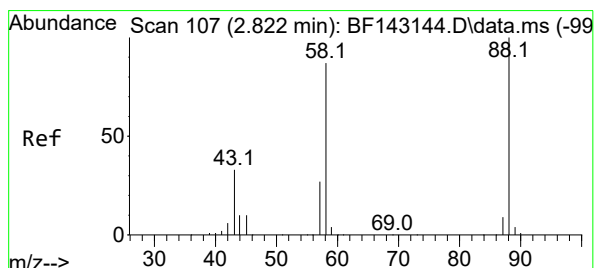
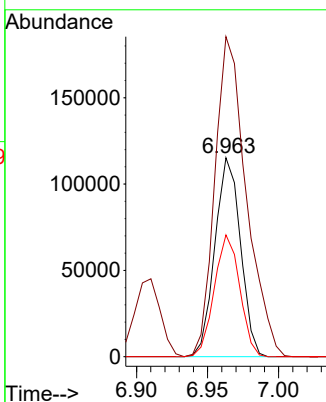
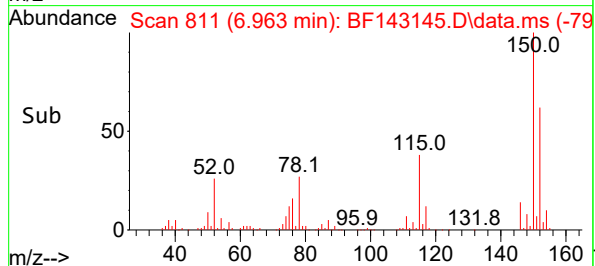
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



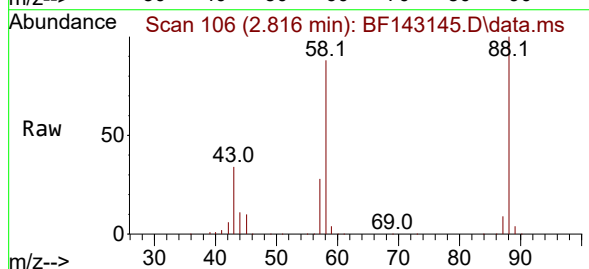
Tgt Ion:152 Resp: 144385
Ion Ratio Lower Upper
152 100
150 160.9 128.2 192.4
115 61.2 47.9 71.9

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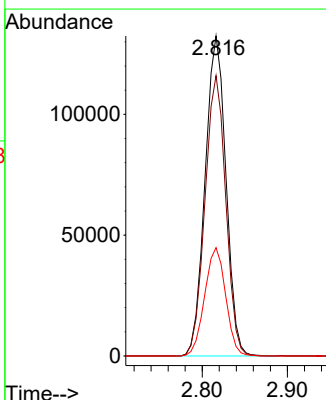
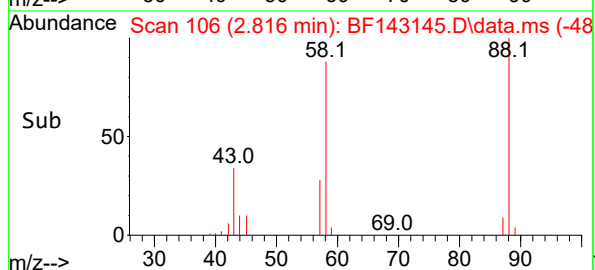
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

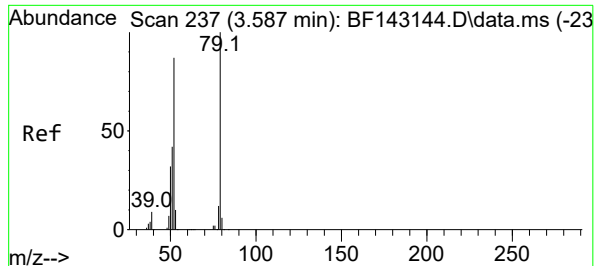


#2
1,4-Dioxane
Concen: 52.289 ng
RT: 2.816 min Scan# 106
Delta R.T. -0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33



Tgt Ion: 88 Resp: 225749
Ion Ratio Lower Upper
88 100
58 87.3 70.2 105.2
43 34.0 27.1 40.7





#3

Pyridine

Concen: 52.122 ng

RT: 3.587 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF143145.D

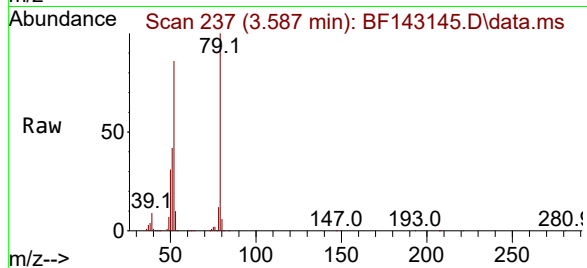
Acq: 17 Jul 2025 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



Tgt Ion: 79 Resp: 584060

Ion Ratio Lower Upper

79 100

52 85.8 69.4 104.2

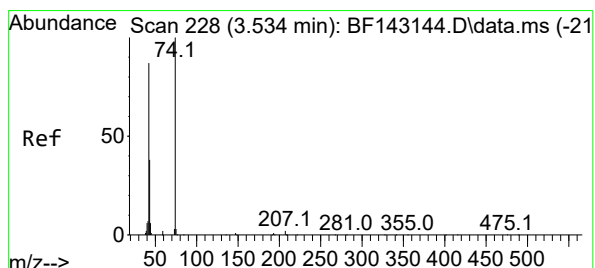
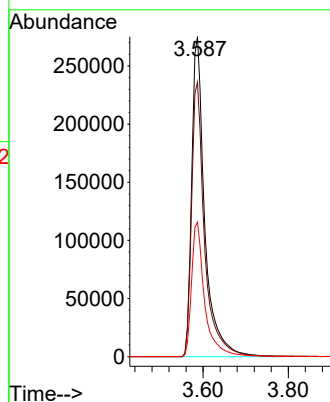
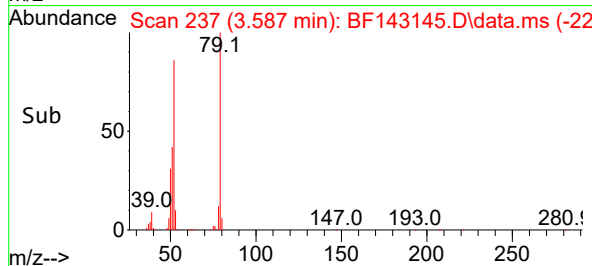
51 42.0 33.5 50.3

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#4

n-Nitrosodimethylamine

Concen: 53.098 ng

RT: 3.534 min Scan# 228

Delta R.T. -0.000 min

Lab File: BF143145.D

Acq: 17 Jul 2025 13:33

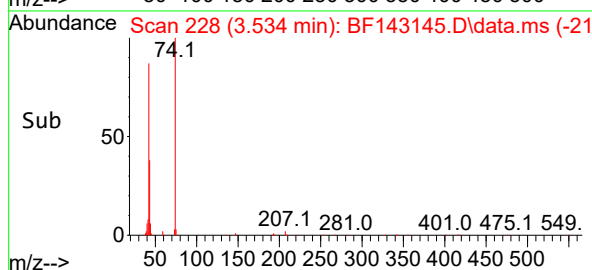
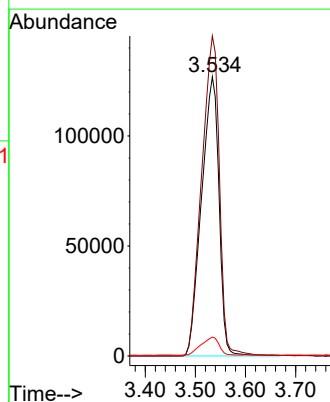
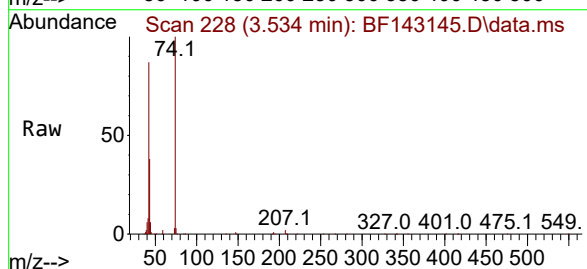
Tgt Ion: 42 Resp: 307202

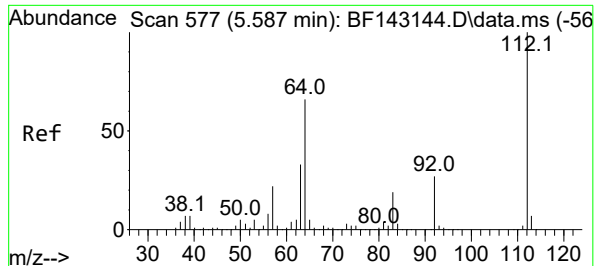
Ion Ratio Lower Upper

42 100

74 114.6 91.7 137.5

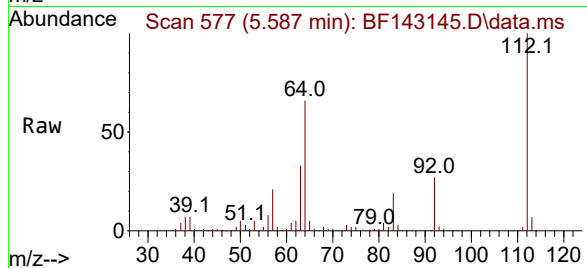
44 6.8 5.6 8.4





#5
2-Fluorophenol
Concen: 101.629 ng
RT: 5.587 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

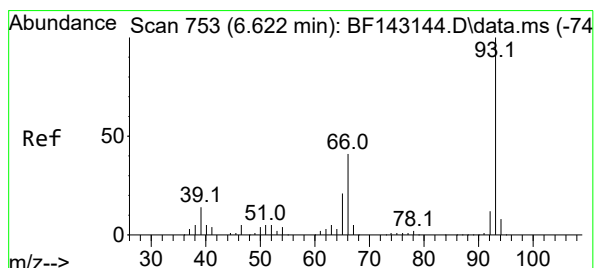
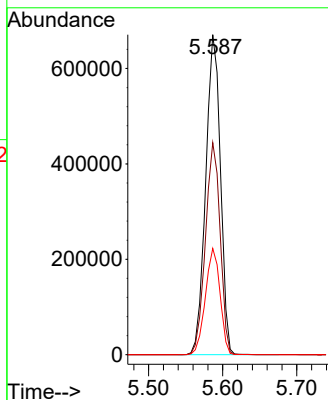
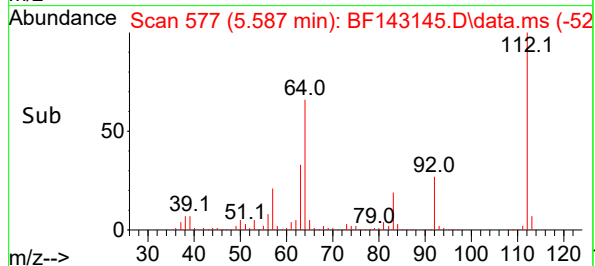
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:112 Resp: 927268
Ion Ratio Lower Upper
112 100
64 66.3 53.1 79.7
63 33.2 26.6 40.0

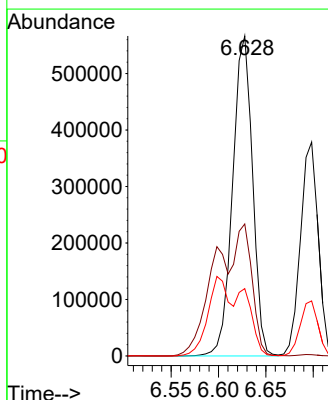
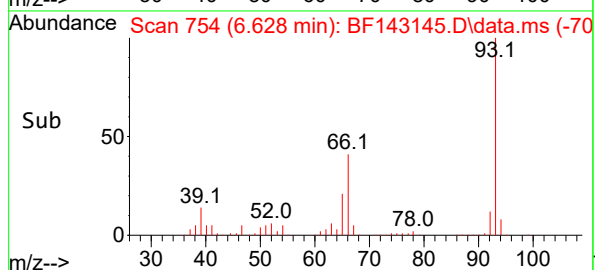
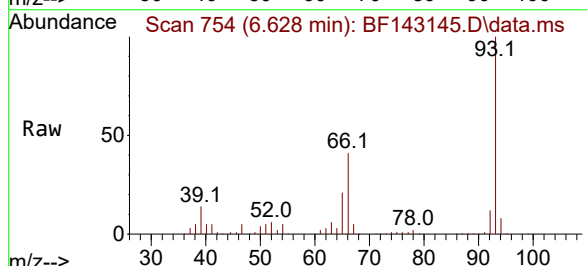
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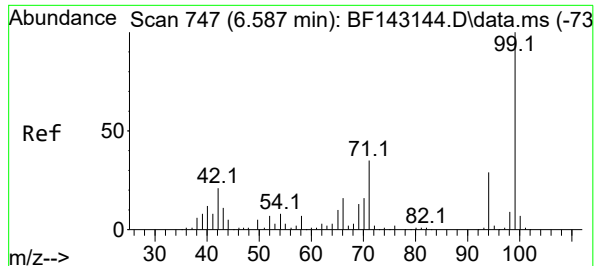
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#6
Aniline
Concen: 51.687 ng
RT: 6.628 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

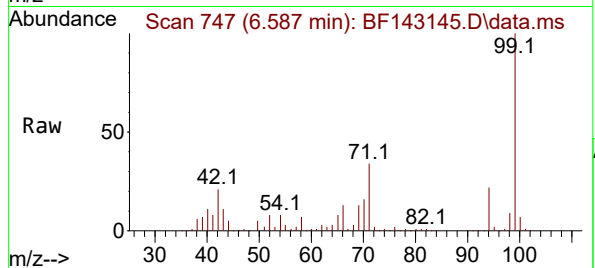
Tgt Ion: 93 Resp: 827275
Ion Ratio Lower Upper
93 100
66 41.2 33.2 49.8
65 21.1 16.9 25.3





#7
Phenol-d6
Concen: 102.615 ng
RT: 6.587 min Scan# 747
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

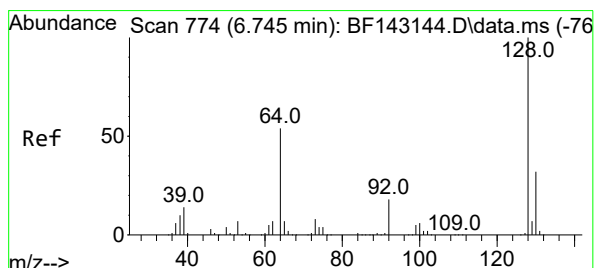
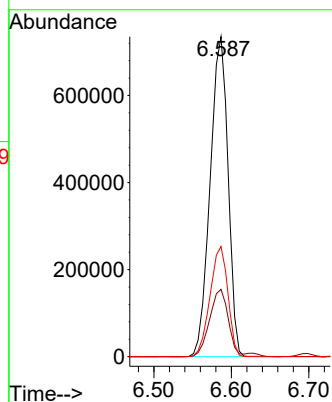
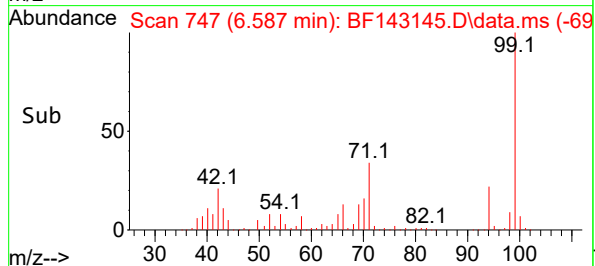
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion: 99 Resp: 117846
Ion Ratio Lower Upper
99 100
42 21.1 17.0 25.6
71 34.4 27.7 41.5

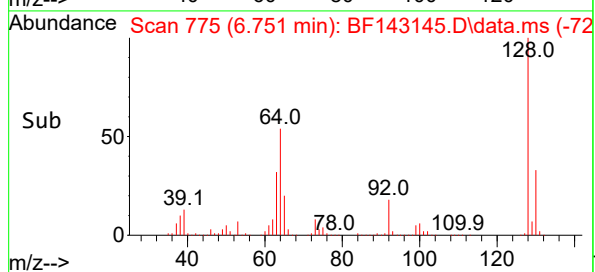
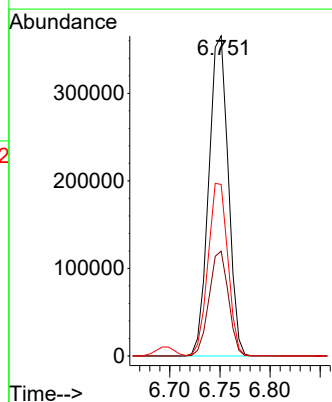
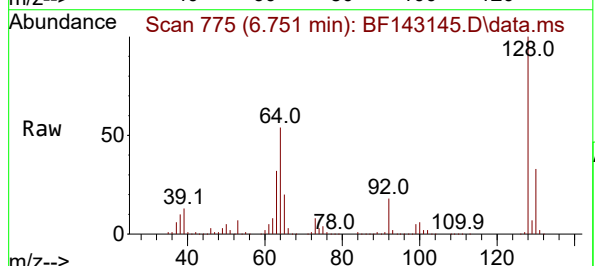
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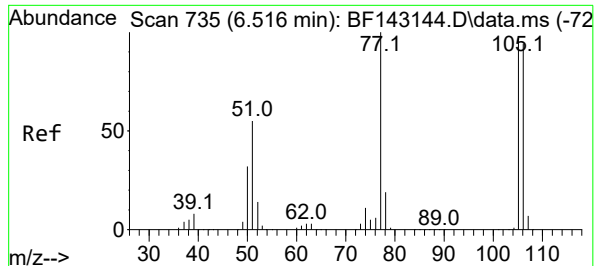
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#8
2-Chlorophenol
Concen: 51.652 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:128 Resp: 493989
Ion Ratio Lower Upper
128 100
130 32.8 12.3 52.3
64 53.6 35.9 75.9





#9

Benzaldehyde

Concen: 59.162 ng

RT: 6.516 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF143145.D

Acq: 17 Jul 2025 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 77 Resp: 509470

Ion Ratio Lower Upper

77 100

105 95.5 76.8 116.8

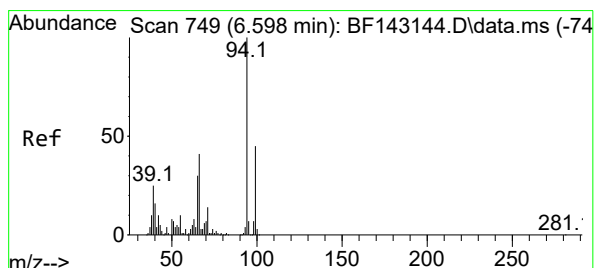
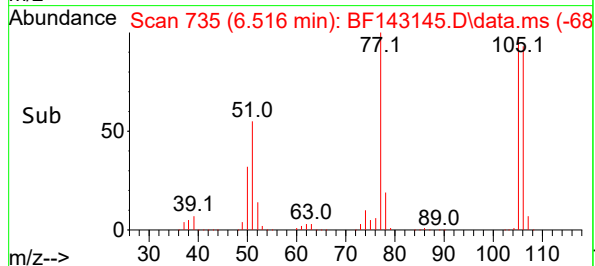
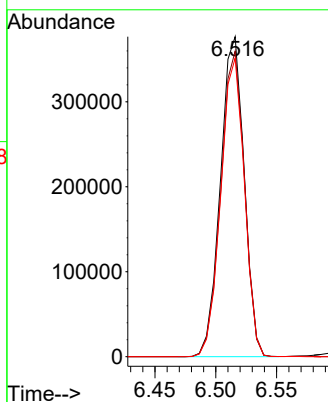
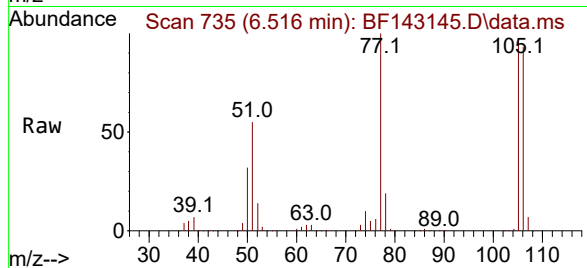
106 93.3 74.4 114.4

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#10

Phenol

Concen: 51.598 ng m

RT: 6.598 min Scan# 749

Delta R.T. -0.000 min

Lab File: BF143145.D

Acq: 17 Jul 2025 13:33

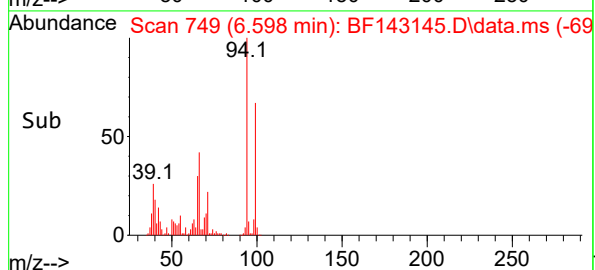
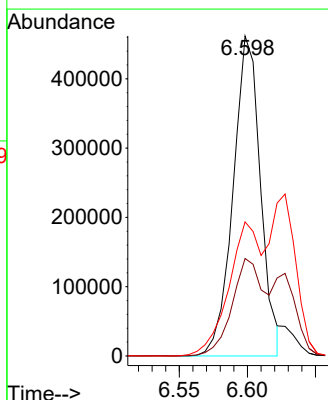
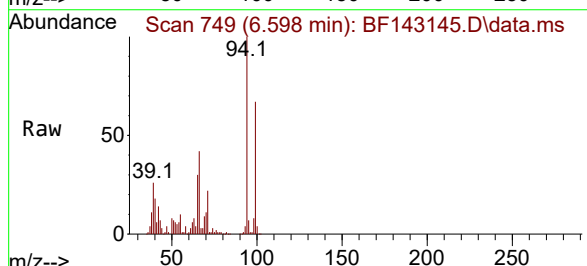
Tgt Ion: 94 Resp: 645540

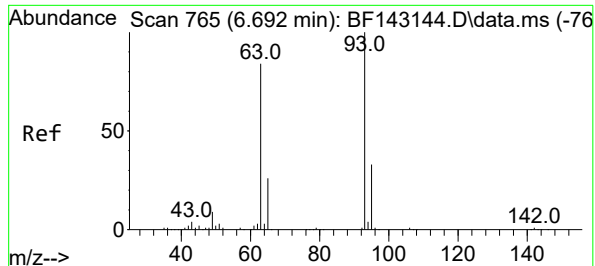
Ion Ratio Lower Upper

94 100

65 30.5 10.0 50.0

66 41.9 20.8 60.8





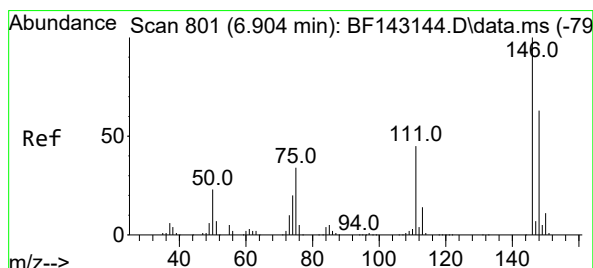
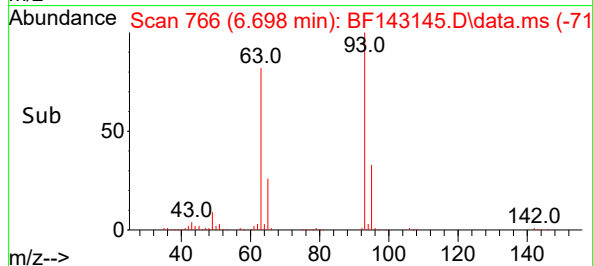
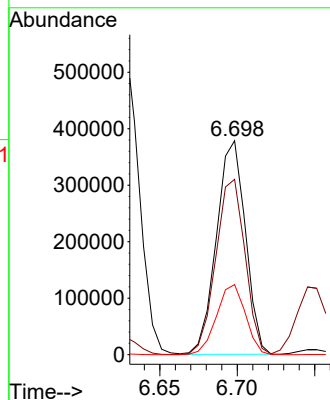
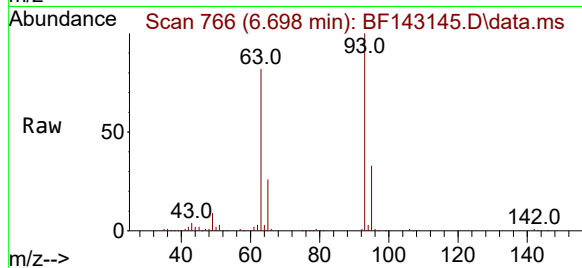
#11
bis(2-Chloroethyl)ether
Concen: 51.295 ng
RT: 6.698 min Scan# 766
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 93 Resp: 49137
Ion Ratio Lower Upper
93 100
63 82.0 63.4 103.4
95 32.8 12.4 52.4

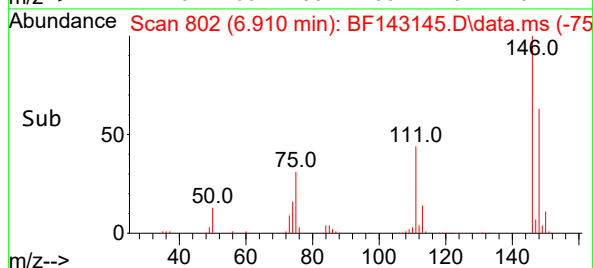
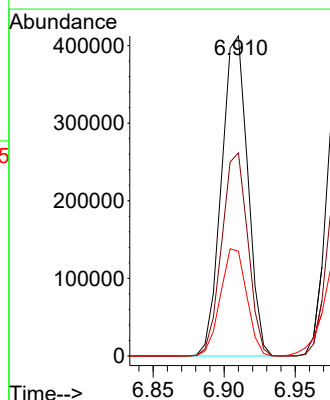
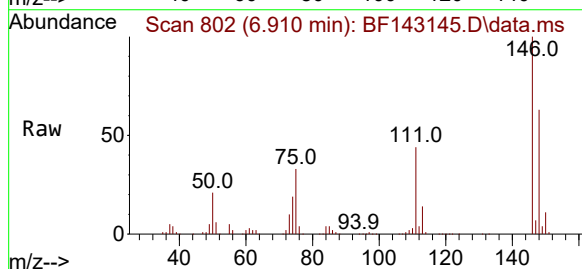
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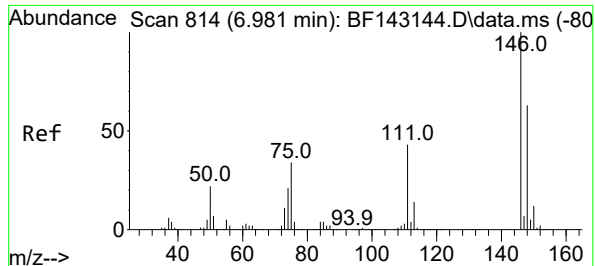
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#12
1,3-Dichlorobenzene
Concen: 50.937 ng
RT: 6.910 min Scan# 802
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:146 Resp: 529202
Ion Ratio Lower Upper
146 100
148 63.4 50.6 76.0
75 32.7 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 50.818 ng

RT: 6.981 min Scan# 814

Delta R.T. -0.000 min

Lab File: BF143145.D

Acq: 17 Jul 2025 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:146 Resp: 531690

Ion Ratio Lower Upper

146 100

148 63.6 50.3 75.5

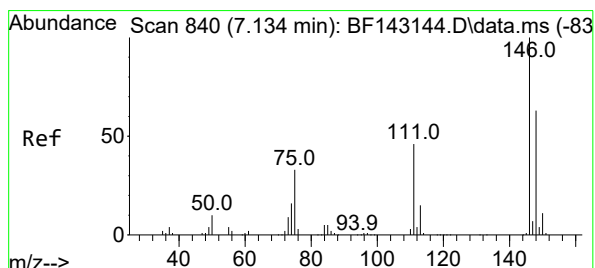
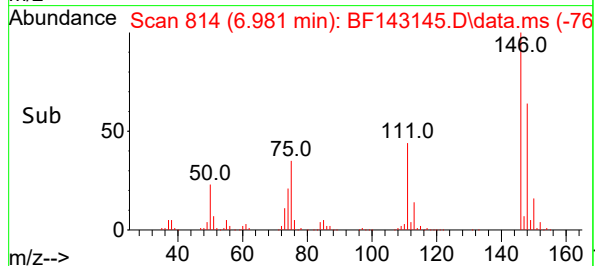
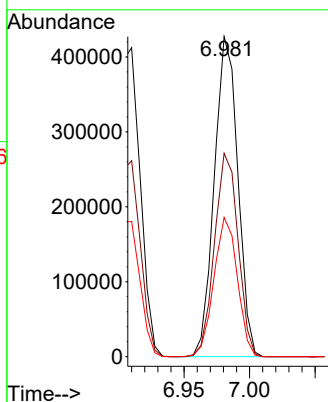
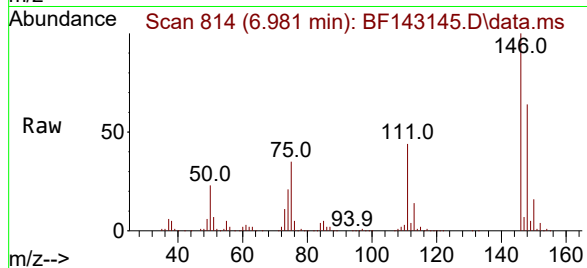
111 43.5 34.4 51.6

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#14

1,2-Dichlorobenzene

Concen: 51.264 ng

RT: 7.134 min Scan# 840

Delta R.T. -0.000 min

Lab File: BF143145.D

Acq: 17 Jul 2025 13:33

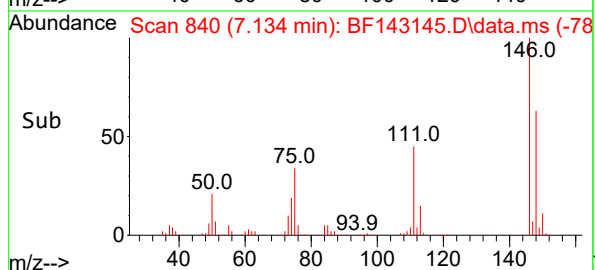
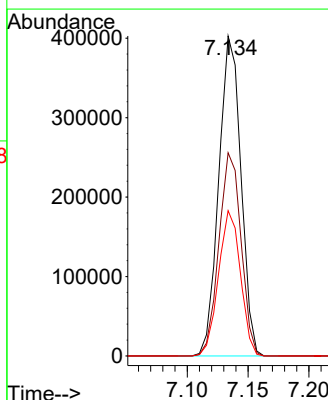
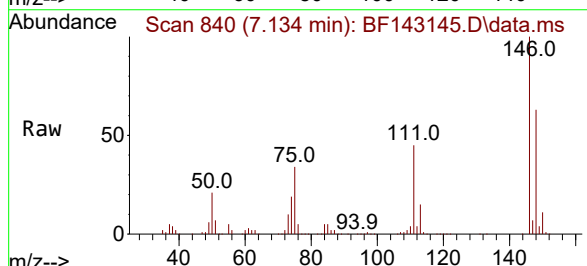
Tgt Ion:146 Resp: 510140

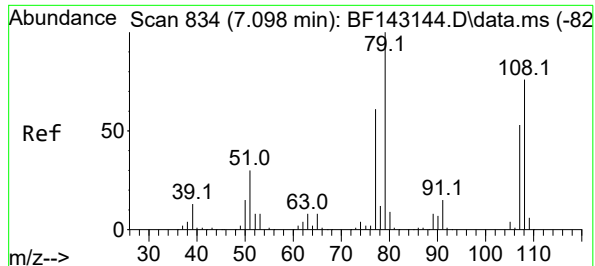
Ion Ratio Lower Upper

146 100

148 63.5 50.7 76.1

111 45.4 36.6 54.8





#15

Benzyl Alcohol

Concen: 52.616 ng

RT: 7.098 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF143145.D

Acq: 17 Jul 2025 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 79 Resp: 461379

Ion Ratio Lower Upper

79 100

108 76.7 61.1 91.7

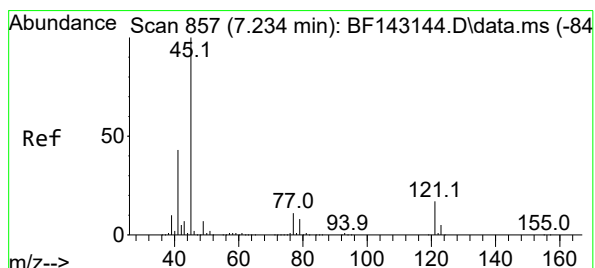
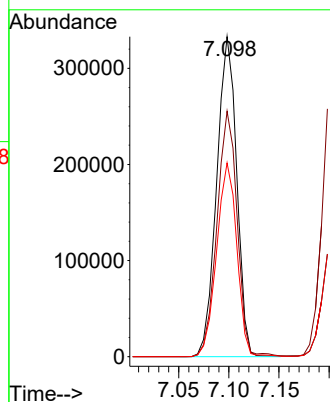
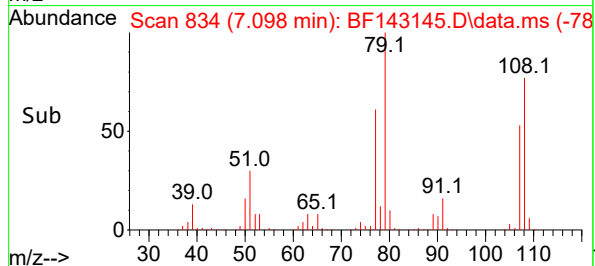
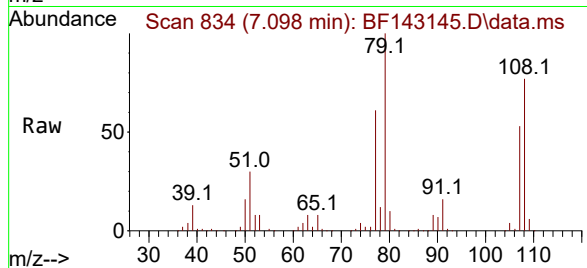
77 60.6 48.9 73.3

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 51.128 ng

RT: 7.239 min Scan# 858

Delta R.T. 0.006 min

Lab File: BF143145.D

Acq: 17 Jul 2025 13:33

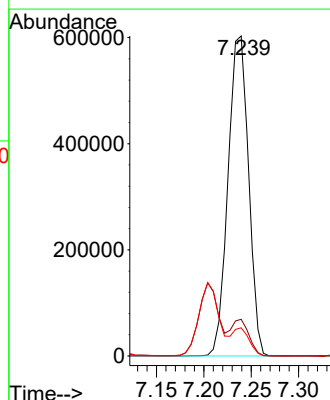
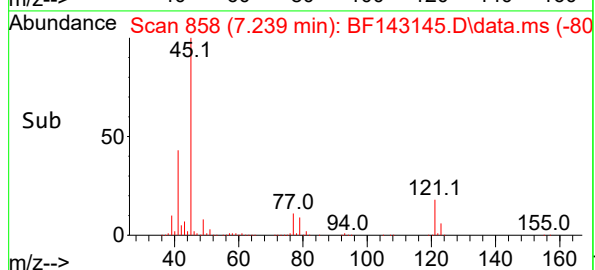
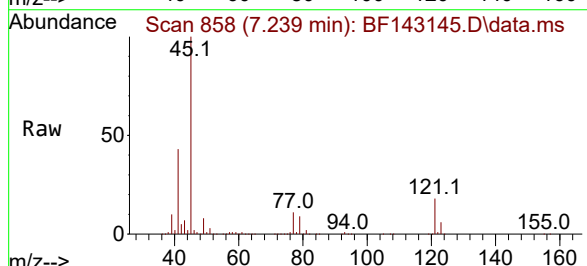
Tgt Ion: 45 Resp: 908530

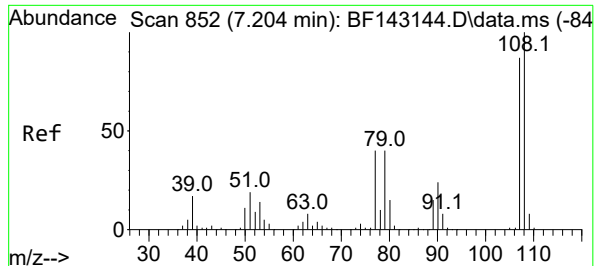
Ion Ratio Lower Upper

45 100

77 11.4 0.0 31.2

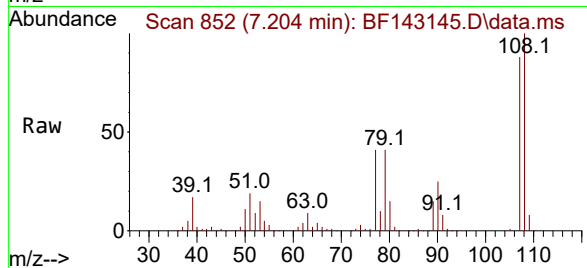
79 8.8 0.0 28.5





#17
2-Methylphenol
Concen: 52.079 ng
RT: 7.204 min Scan# 852
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

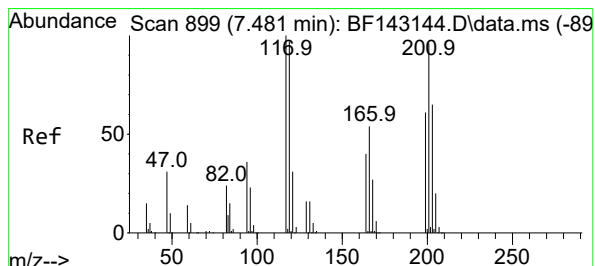
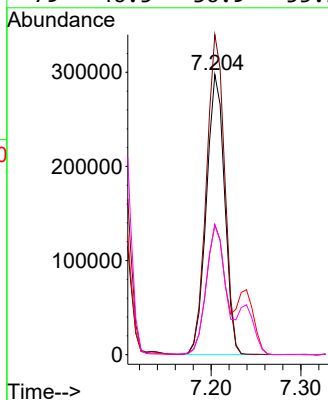
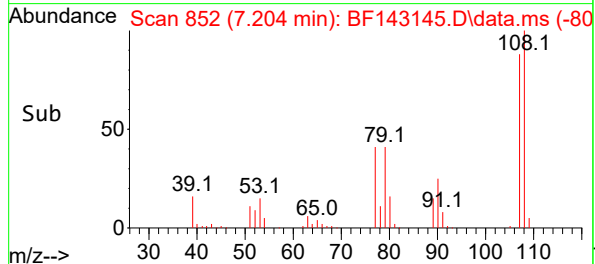
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:107 Resp: 41879
Ion Ratio Lower Upper
107 100
108 114.2 91.8 137.6
77 46.3 37.0 55.6
79 46.5 36.9 55.3

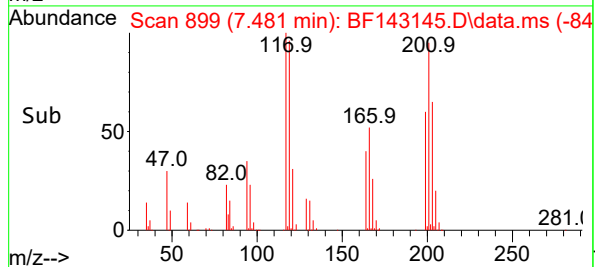
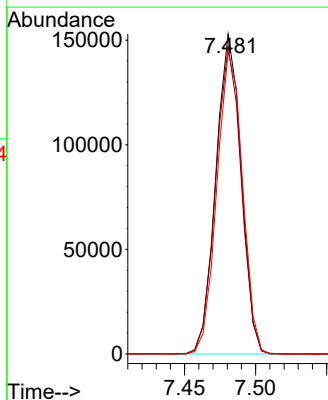
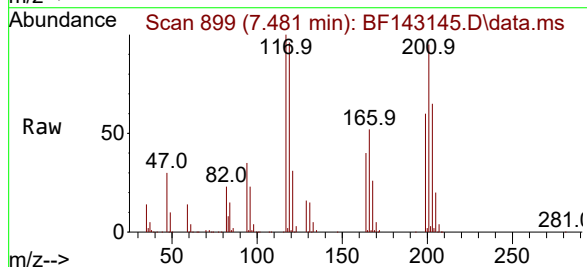
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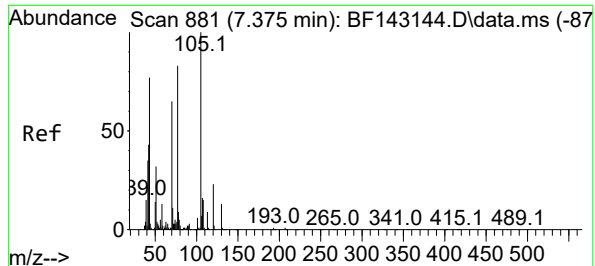
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#18
Hexachloroethane
Concen: 52.289 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

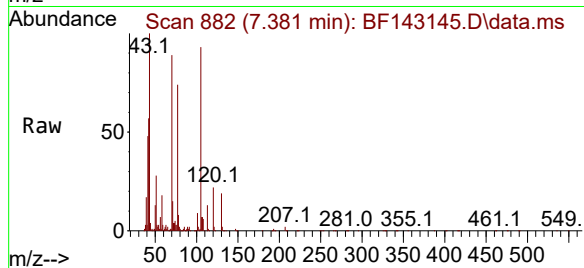
Tgt Ion:117 Resp: 189394
Ion Ratio Lower Upper
117 100
119 96.2 77.8 116.8
201 94.5 77.0 115.4





#19
n-Nitroso-di-n-propylamine
Concen: 50.131 ng
RT: 7.381 min Scan# 881
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

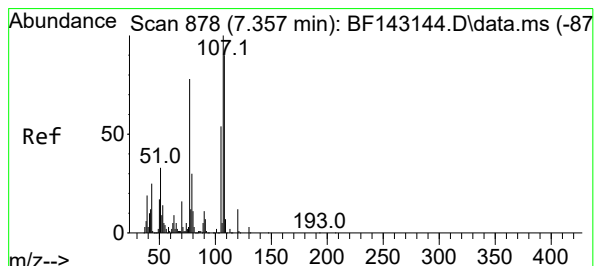
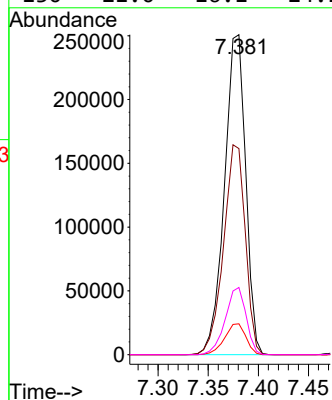
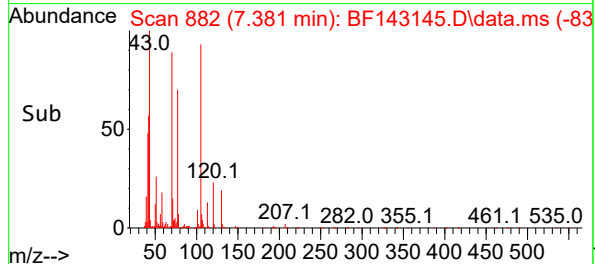
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion: 70 Resp: 36936
Ion Ratio Lower Upper
70 100
42 64.4 52.5 78.7
101 9.7 7.6 11.4
130 21.0 16.1 24.1

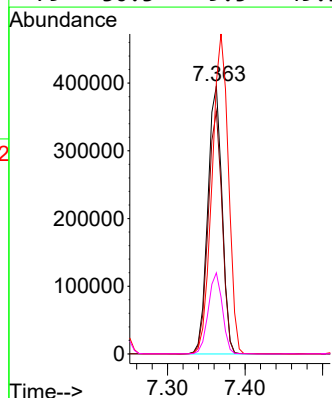
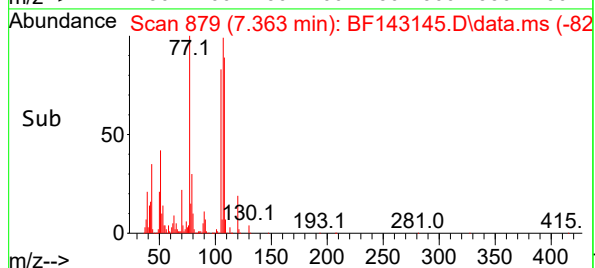
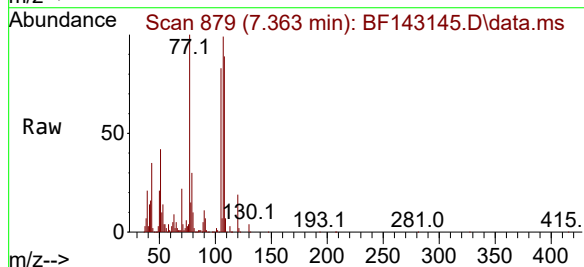
Manual Integrations
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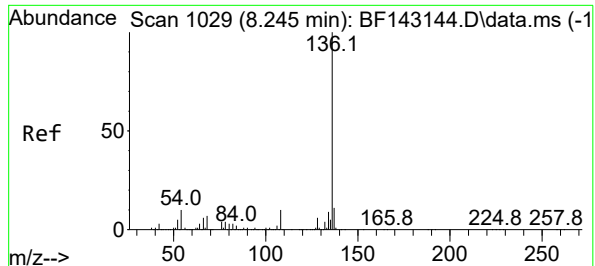
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#20
3+4-Methylphenols
Concen: 51.870 ng
RT: 7.363 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:107 Resp: 506069
Ion Ratio Lower Upper
107 100
108 90.7 70.0 110.0
77 101.5 57.8 97.8#
79 30.3 9.5 49.5





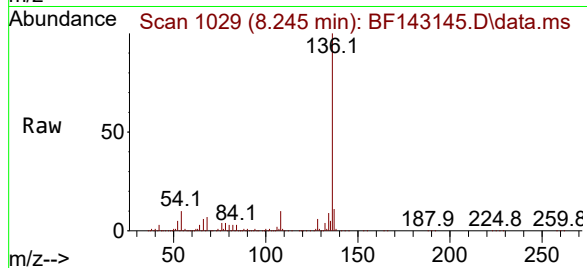
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

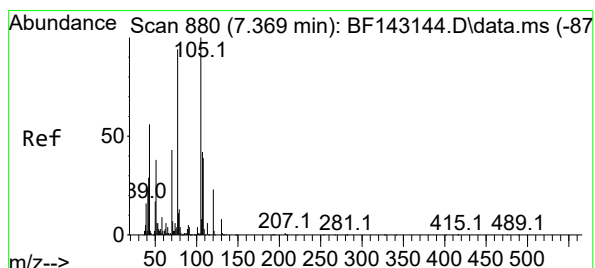
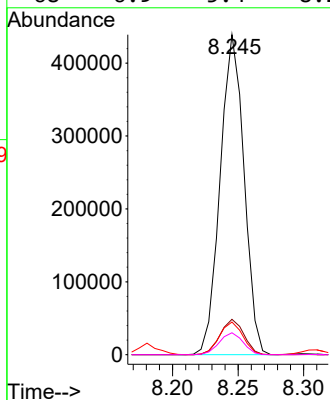
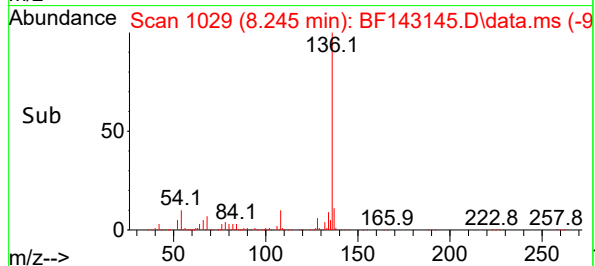


Tgt Ion:136 Resp: 555530
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 10.2 8.2 12.2
68 6.9 5.4 8.2

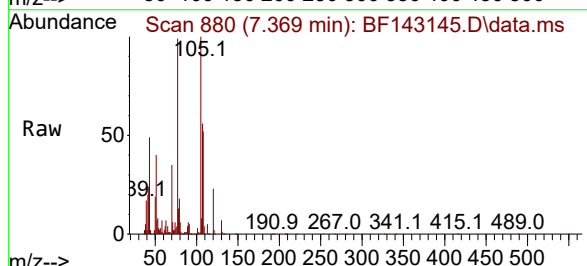
Manual Integrations

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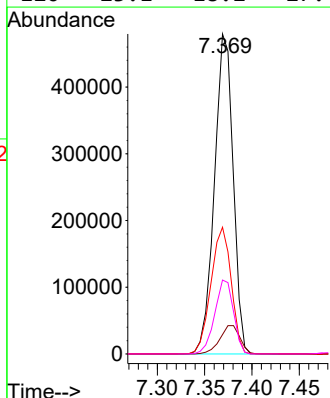
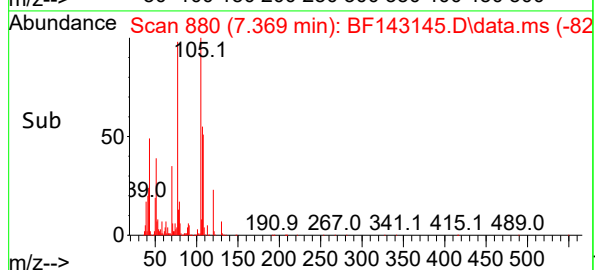
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

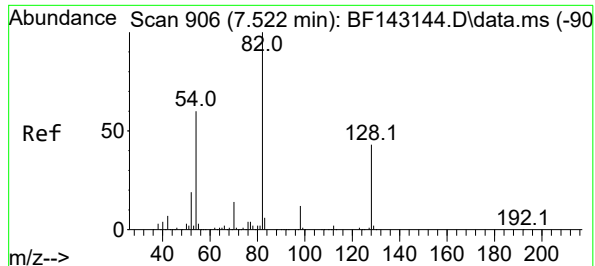


#22
Acetophenone
Concen: 50.258 ng
RT: 7.369 min Scan# 880
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33



Tgt Ion:105 Resp: 661017
Ion Ratio Lower Upper
105 100
71 6.0 5.8 8.6
51 39.6 30.2 45.2
120 23.1 18.2 27.4





#23

Nitrobenzene-d5

Concen: 103.949 ng

RT: 7.528 min Scan# 906

Delta R.T. 0.006 min

Lab File: BF143145.D

Acq: 17 Jul 2025 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 82 Resp: 1158494

Ion Ratio Lower Upper

82 100

128 43.5 33.6 50.4

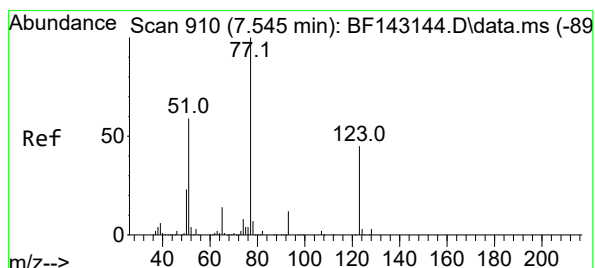
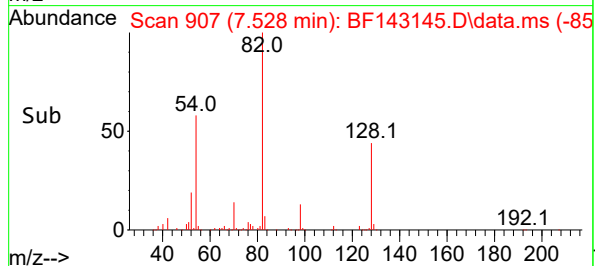
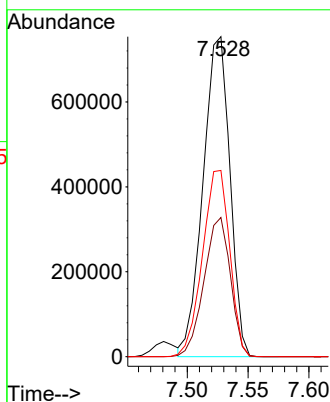
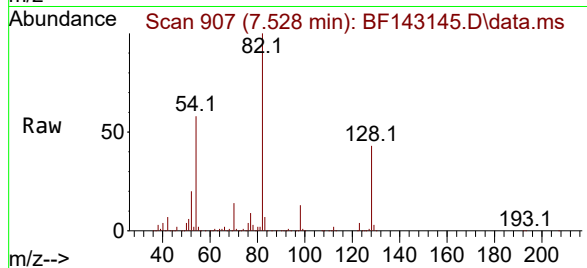
54 58.2 47.1 70.7

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#24

Nitrobenzene

Concen: 51.843 ng

RT: 7.545 min Scan# 910

Delta R.T. -0.000 min

Lab File: BF143145.D

Acq: 17 Jul 2025 13:33

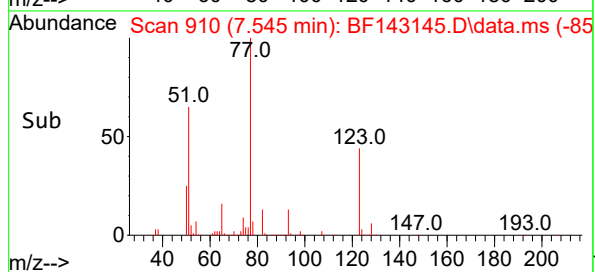
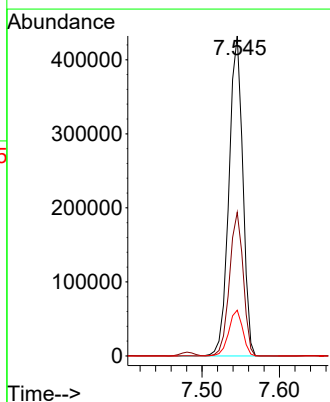
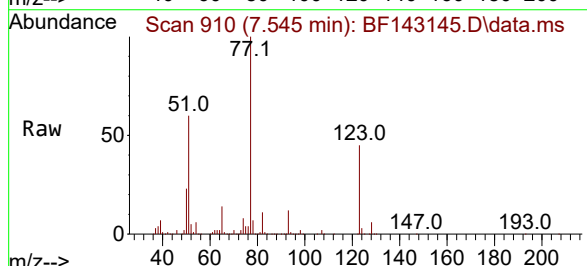
Tgt Ion: 77 Resp: 538666

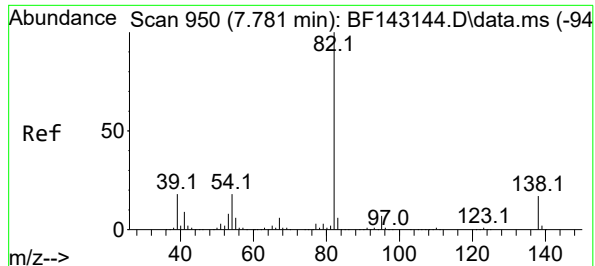
Ion Ratio Lower Upper

77 100

123 44.9 36.1 54.1

65 14.3 11.4 17.2





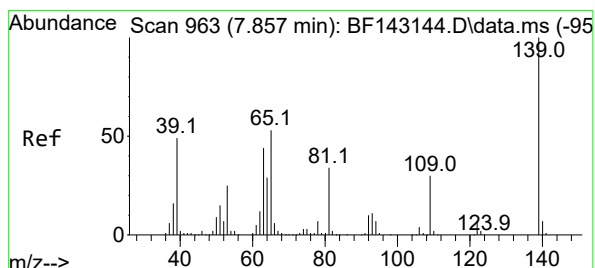
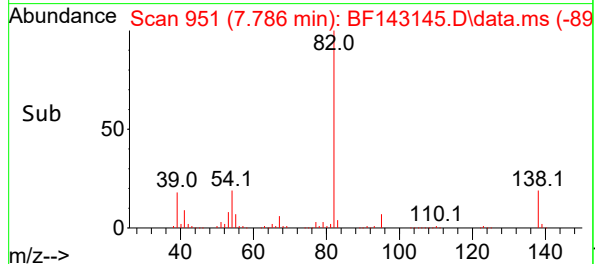
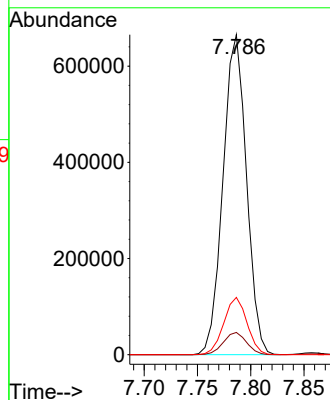
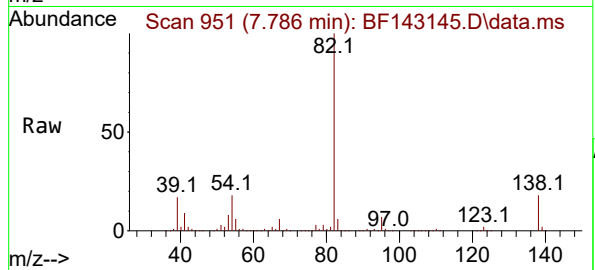
#25
Isophorone
Concen: 51.783 ng
RT: 7.786 min Scan# 951
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
Client Sample Id :
SSTDICC050

Tgt Ion: 82 Resp: 101878
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 17.9 13.8 20.8

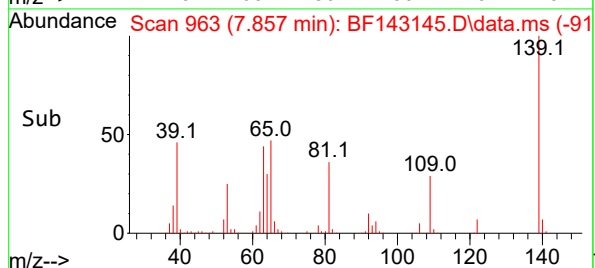
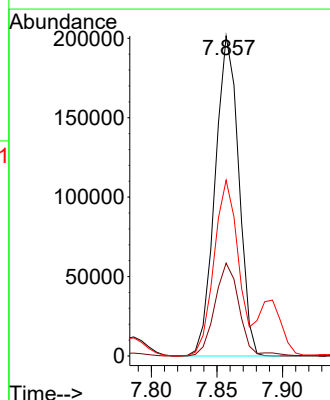
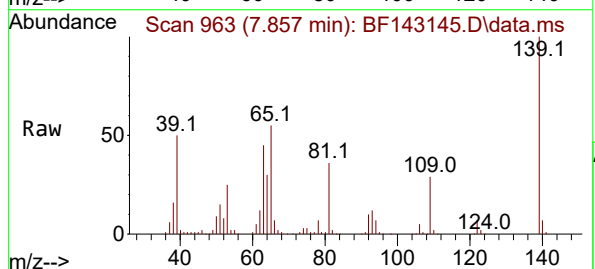
Manual Integrations
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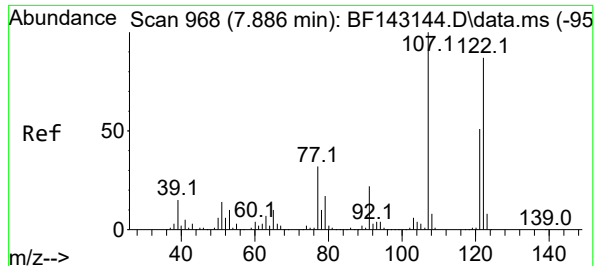
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#26
2-Nitrophenol
Concen: 55.920 ng
RT: 7.857 min Scan# 963
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:139 Resp: 252169
Ion Ratio Lower Upper
139 100
109 29.0 23.6 35.4
65 55.0 42.6 64.0





#27

2,4-Dimethylphenol

Concen: 51.112 ng

RT: 7.892 min Scan# 968

Delta R.T. 0.006 min

Lab File: BF143145.D

Acq: 17 Jul 2025 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:122 Resp: 469819

Ion Ratio Lower Upper

122 100

107 114.3 91.8 137.6

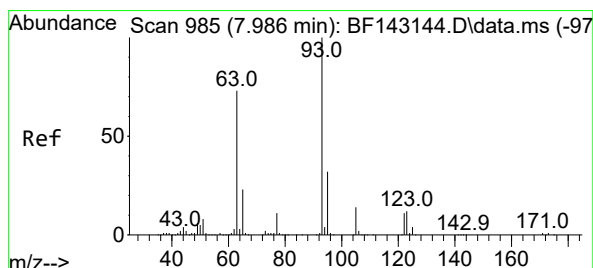
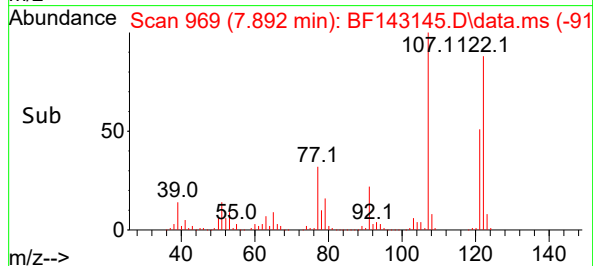
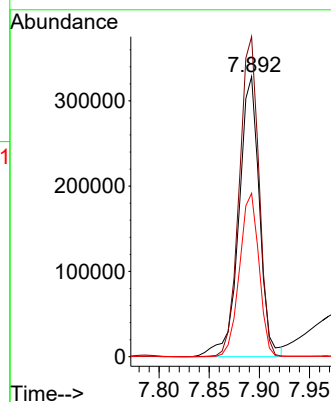
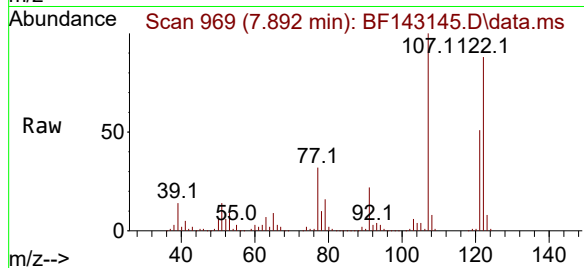
121 58.4 46.3 69.5

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#28

bis(2-Chloroethoxy)methane

Concen: 50.631 ng

RT: 7.986 min Scan# 985

Delta R.T. -0.000 min

Lab File: BF143145.D

Acq: 17 Jul 2025 13:33

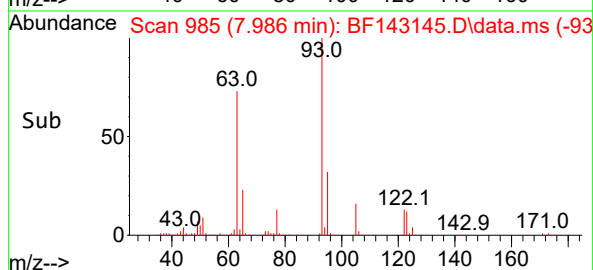
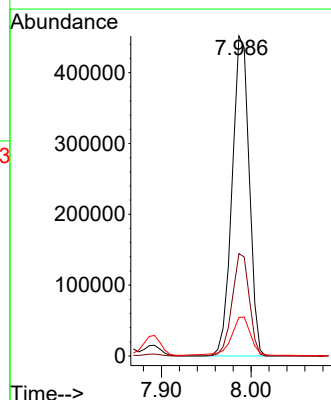
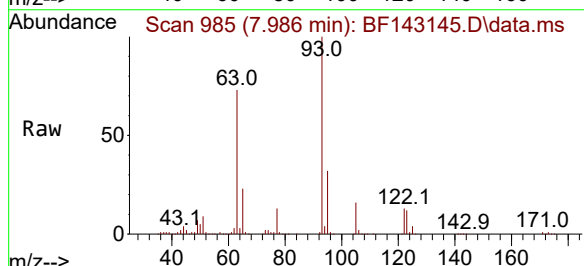
Tgt Ion: 93 Resp: 597241

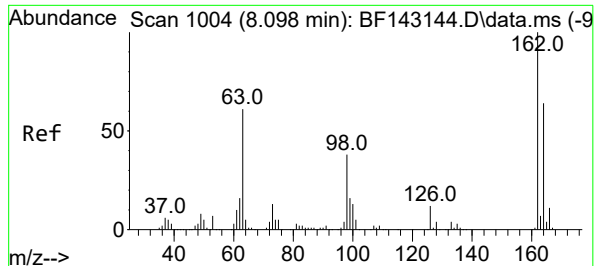
Ion Ratio Lower Upper

93 100

95 32.0 25.8 38.6

123 12.1 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 51.773 ng

RT: 8.098 min Scan# 1004

Delta R.T. -0.000 min

Lab File: BF143145.D

Acq: 17 Jul 2025 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:162 Resp: 401330

Ion Ratio Lower Upper

162 100

164 64.0 44.2 84.2

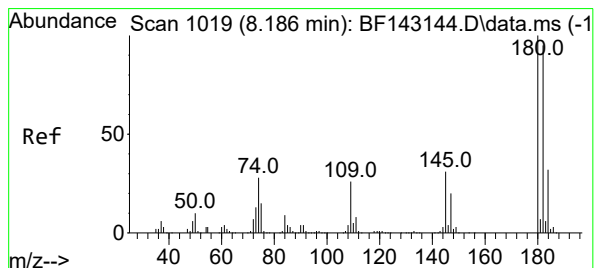
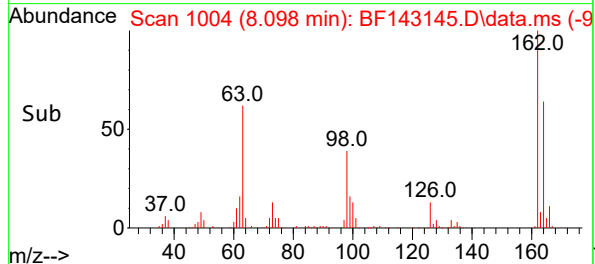
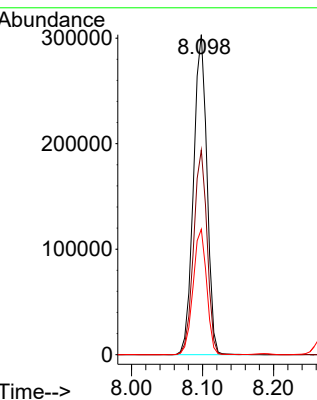
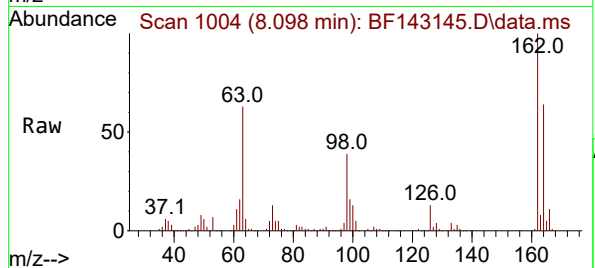
98 39.2 17.9 57.9

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#30

1,2,4-Trichlorobenzene

Concen: 50.242 ng

RT: 8.186 min Scan# 1019

Delta R.T. -0.000 min

Lab File: BF143145.D

Acq: 17 Jul 2025 13:33

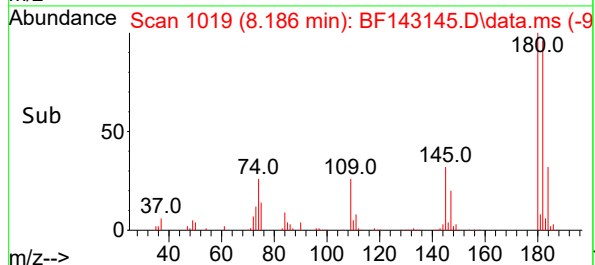
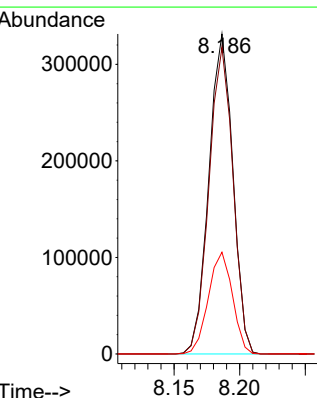
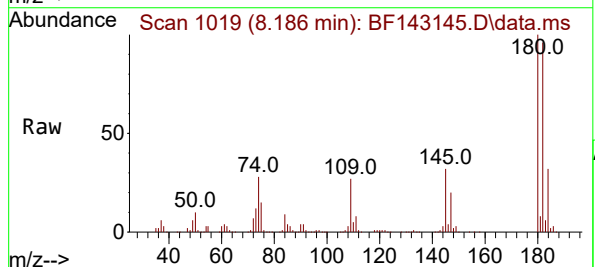
Tgt Ion:180 Resp: 420763

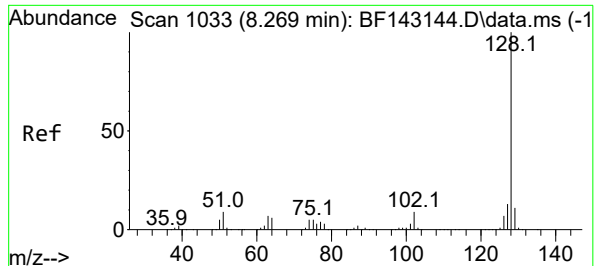
Ion Ratio Lower Upper

180 100

182 95.8 76.2 114.2

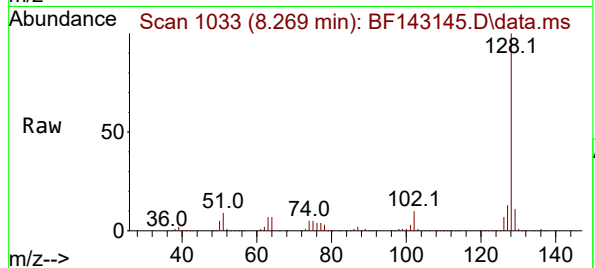
145 31.8 25.0 37.6





#31
Naphthalene
Concen: 50.060 ng
RT: 8.269 min Scan# 1033
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

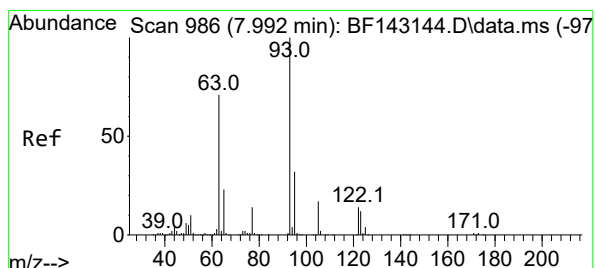
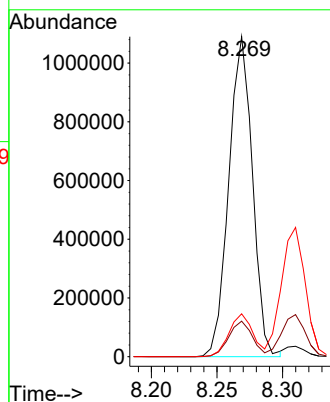
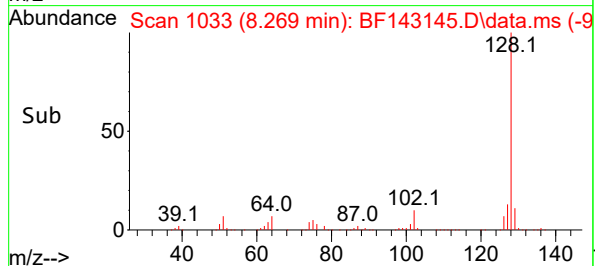
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:128 Resp: 136962
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 13.4 10.6 16.0

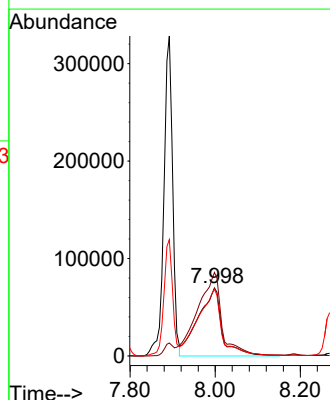
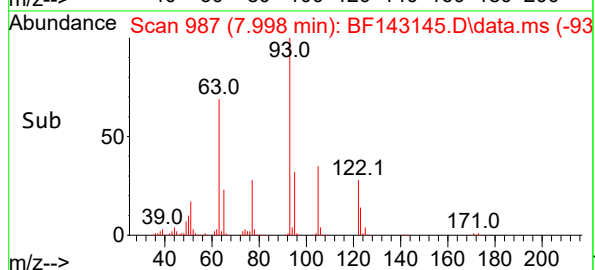
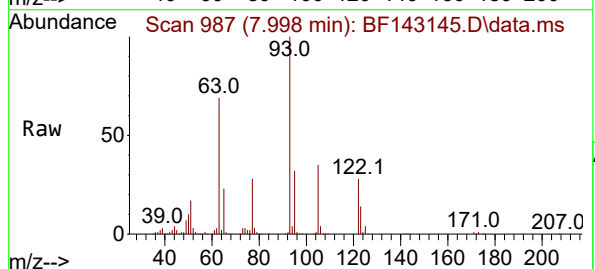
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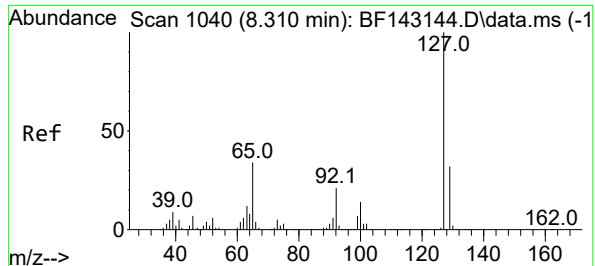
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#32
Benzoic acid
Concen: 52.352 ng m
RT: 7.998 min Scan# 987
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

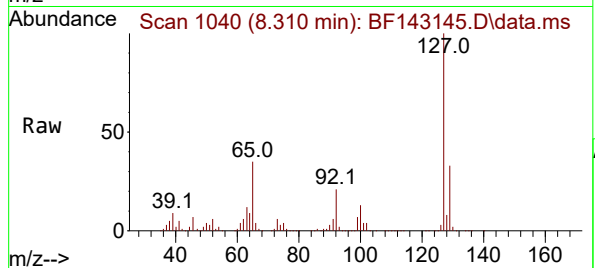
Tgt Ion:122 Resp: 273361
Ion Ratio Lower Upper
122 100
105 123.0 104.8 144.8
77 98.4 77.6 117.6





#33
4-Chloroaniline
Concen: 50.703 ng
RT: 8.310 min Scan# 1040
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

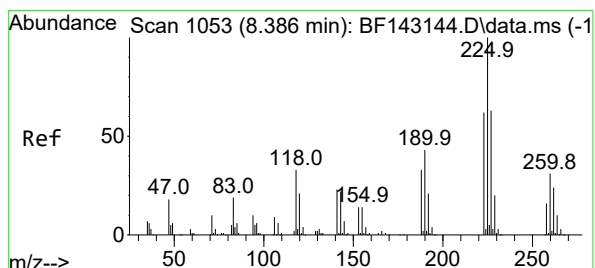
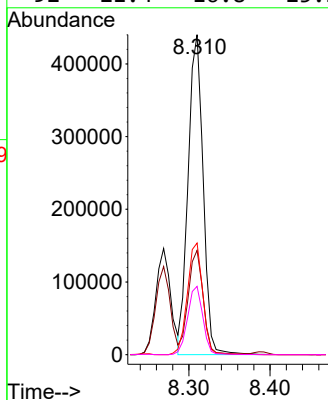
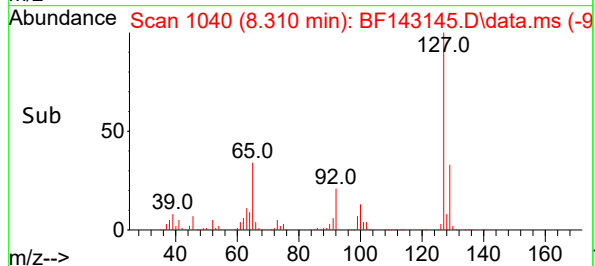
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:127 Resp: 56642
Ion Ratio Lower Upper
127 100
129 32.6 26.0 39.0
65 34.9 27.4 41.2
92 21.4 16.8 25.2

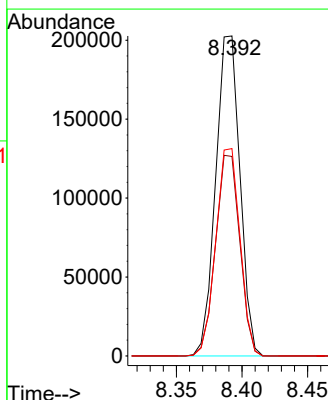
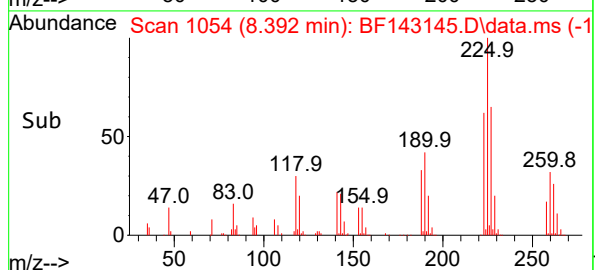
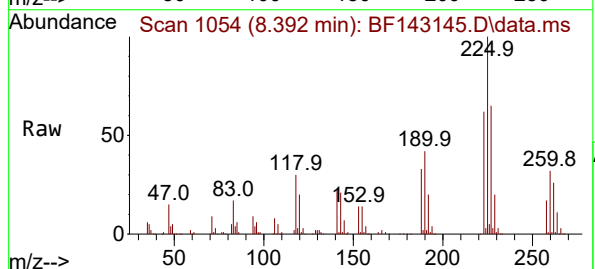
Manual Integrations
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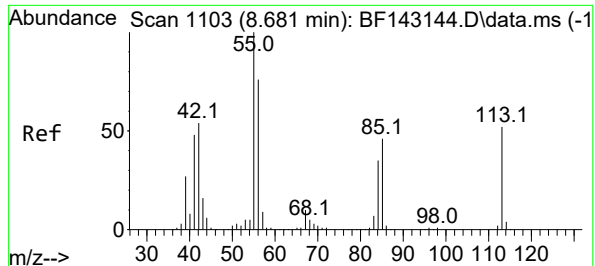
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#34
Hexachlorobutadiene
Concen: 50.976 ng
RT: 8.392 min Scan# 1054
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:225 Resp: 260787
Ion Ratio Lower Upper
225 100
223 62.3 49.8 74.6
227 64.8 50.2 75.4





#35

Caprolactam

Concen: 53.811 ng

RT: 8.680 min Scan# 1103

Delta R.T. -0.000 min

Lab File: BF143145.D

Acq: 17 Jul 2025 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:113 Resp: 126050

Ion Ratio Lower Upper

113 100

55 200.3 174.0 214.0

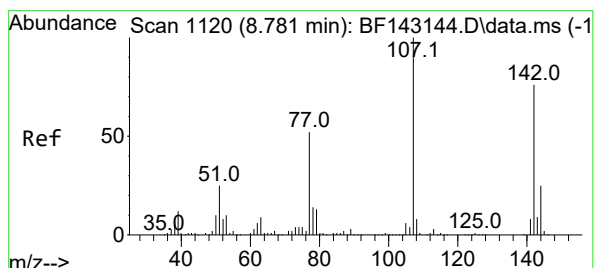
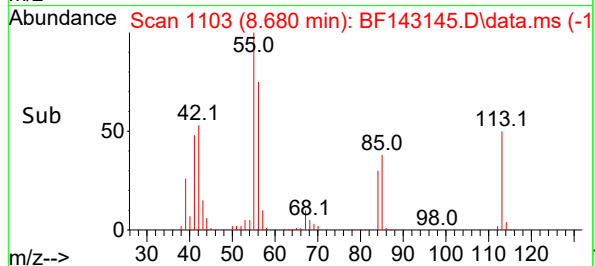
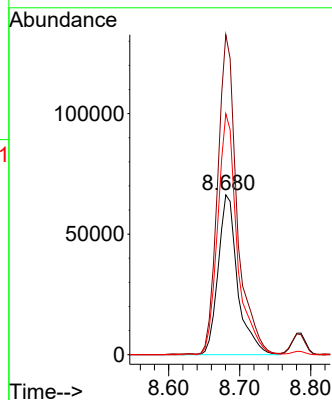
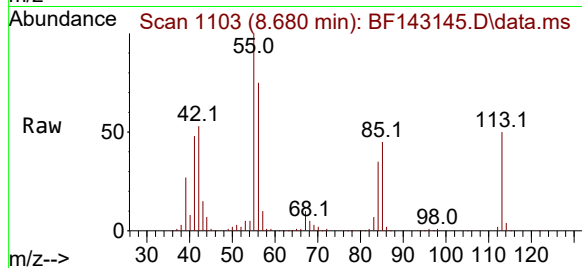
56 150.8 126.6 166.6

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#36

4-Chloro-3-methylphenol

Concen: 51.242 ng

RT: 8.786 min Scan# 1121

Delta R.T. 0.006 min

Lab File: BF143145.D

Acq: 17 Jul 2025 13:33

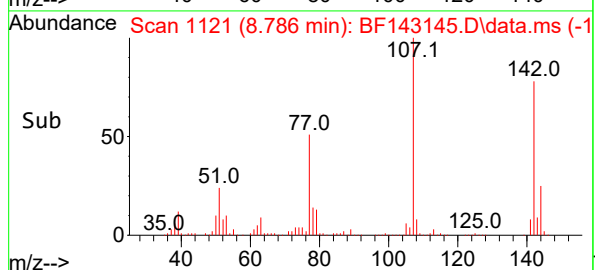
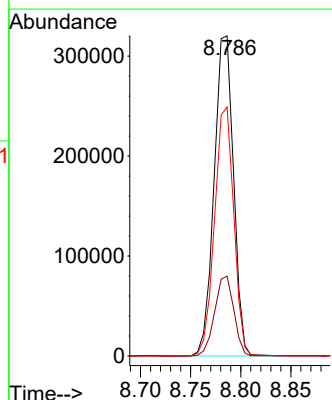
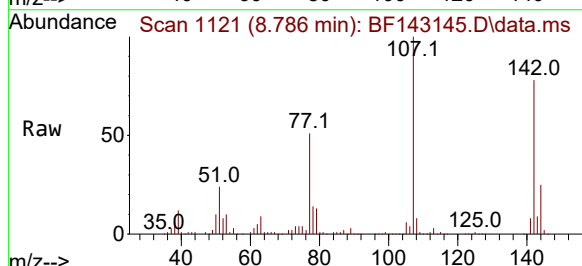
Tgt Ion:107 Resp: 431745

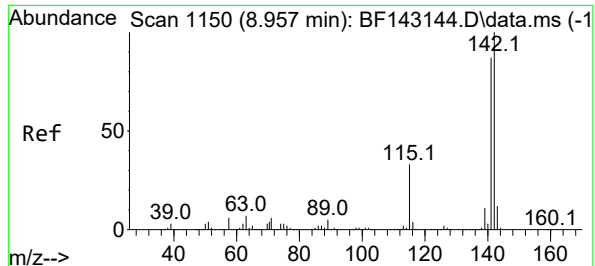
Ion Ratio Lower Upper

107 100

144 25.0 19.8 29.6

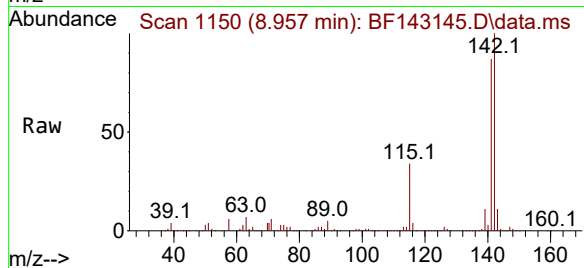
142 77.8 60.6 90.8





#37
2-Methylnaphthalene
Concen: 50.324 ng
RT: 8.957 min Scan# 1150
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

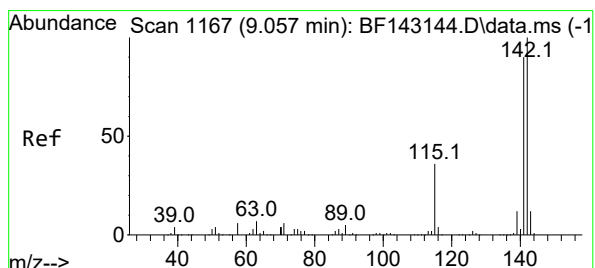
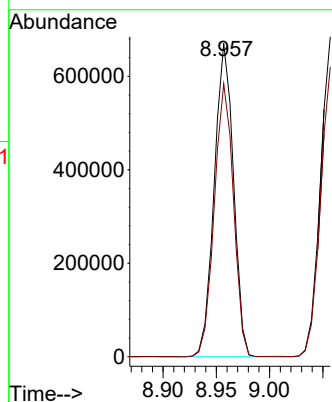
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:142 Resp: 837820
Ion Ratio Lower Upper
142 100
141 87.1 69.9 104.9

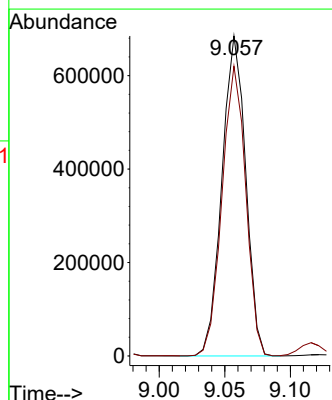
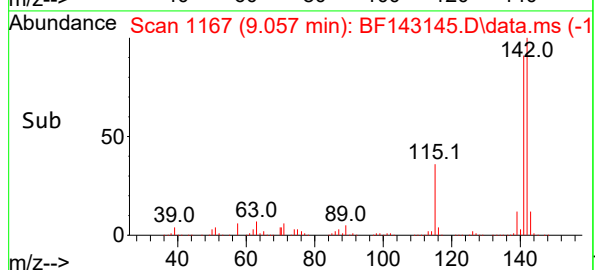
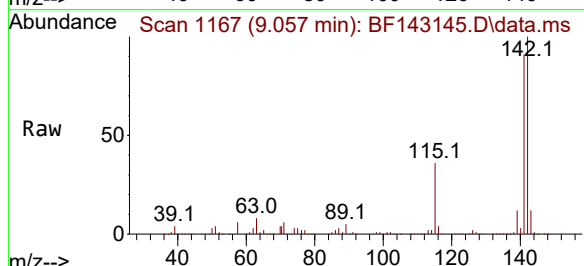
Manual Integrations
APPROVED

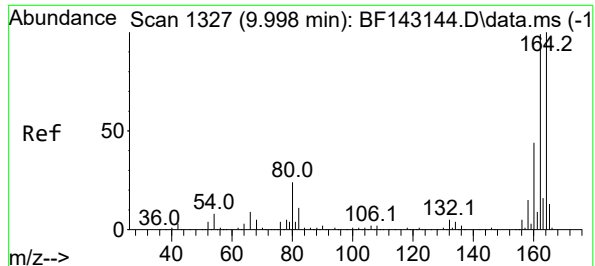
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#38
1-Methylnaphthalene
Concen: 50.298 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:142 Resp: 862300
Ion Ratio Lower Upper
142 100
141 90.6 72.3 108.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.998 min Scan# 1178

Delta R.T. 0.000 min

Lab File: BF143145.D

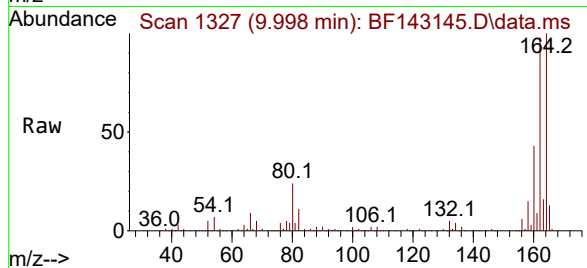
Acq: 17 Jul 2025 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



Tgt Ion:164 Resp: 28365

Ion Ratio Lower Upper

164 100

162 98.3 79.0 118.6

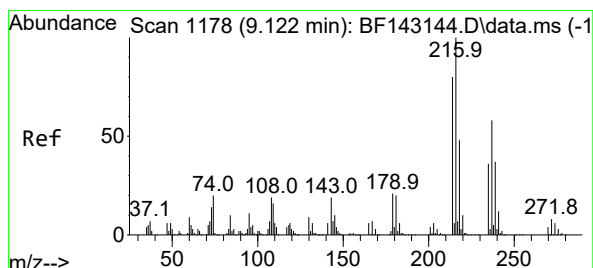
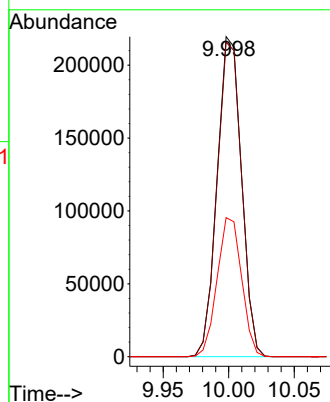
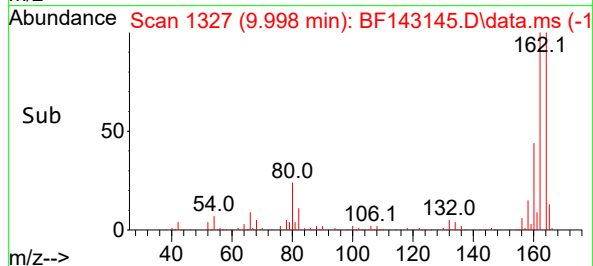
160 43.5 35.1 52.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.420 ng

RT: 9.128 min Scan# 1179

Delta R.T. 0.006 min

Lab File: BF143145.D

Acq: 17 Jul 2025 13:33

Tgt Ion:216 Resp: 412916

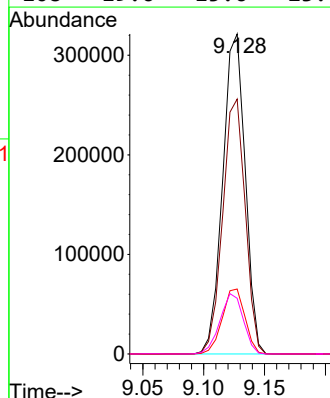
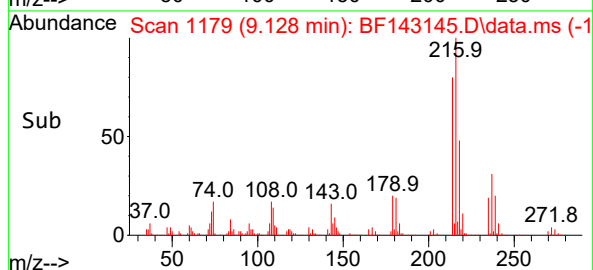
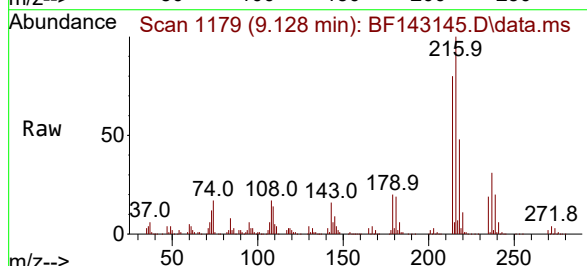
Ion Ratio Lower Upper

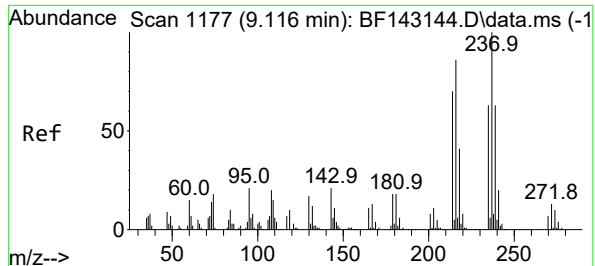
216 100

214 79.7 63.8 95.8

179 20.5 16.4 24.6

108 19.6 15.6 23.4





#41

Hexachlorocyclopentadiene

Concen: 53.823 ng

RT: 9.116 min Scan# 1177

Delta R.T. -0.000 min

Lab File: BF143145.D

Acq: 17 Jul 2025 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:237 Resp: 28680

Ion Ratio Lower Upper

237 100

235 63.9 43.0 83.0

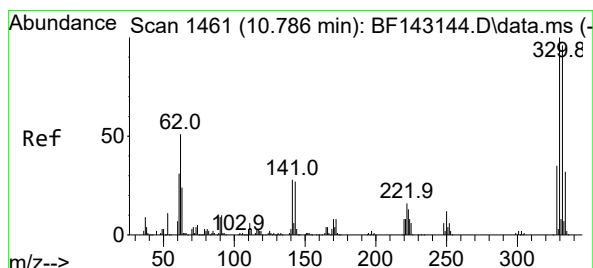
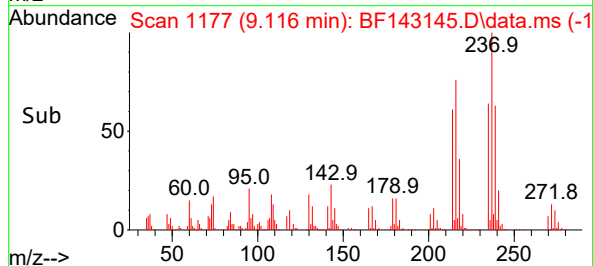
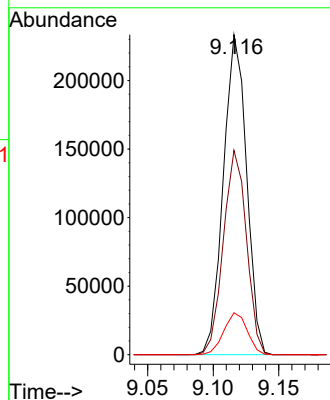
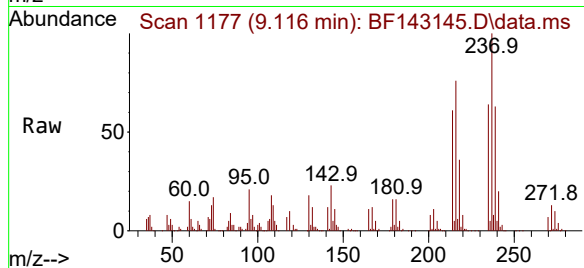
272 13.1 0.0 33.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#42

2,4,6-Tribromophenol

Concen: 105.607 ng

RT: 10.786 min Scan# 1461

Delta R.T. -0.000 min

Lab File: BF143145.D

Acq: 17 Jul 2025 13:33

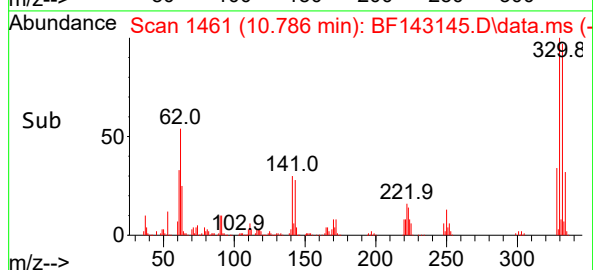
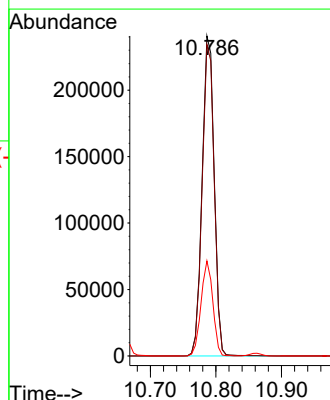
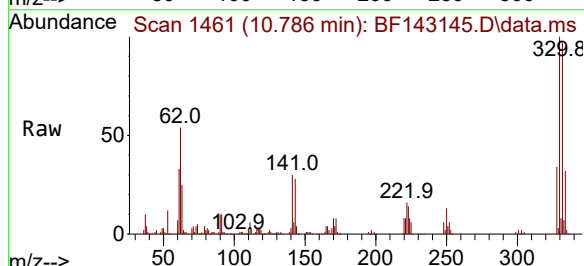
Tgt Ion:330 Resp: 309465

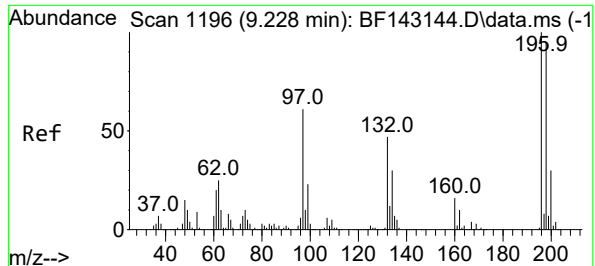
Ion Ratio Lower Upper

330 100

332 97.0 76.7 115.1

141 29.0 23.3 34.9





#43

2,4,6-Trichlorophenol

Concen: 53.718 ng

RT: 9.228 min Scan# 1196

Delta R.T. -0.000 min

Lab File: BF143145.D

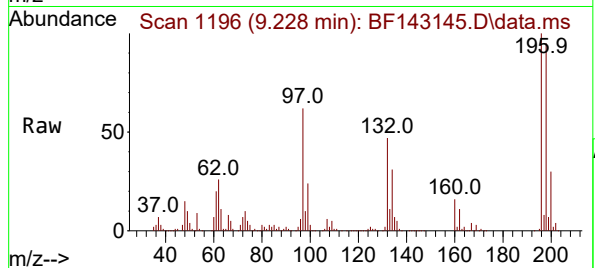
Acq: 17 Jul 2025 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



Tgt Ion:196 Resp: 304460

Ion Ratio Lower Upper

196 100

198 95.2 76.2 114.2

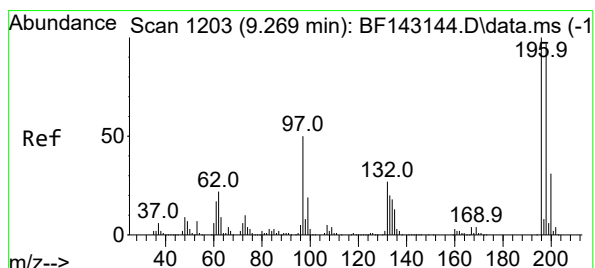
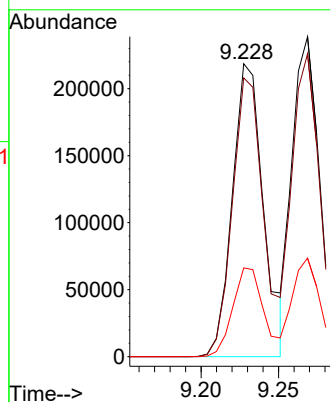
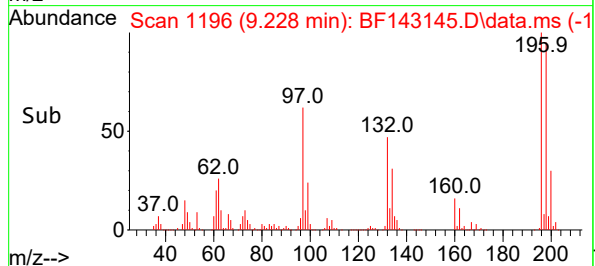
200 30.3 23.9 35.9

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#44

2,4,5-Trichlorophenol

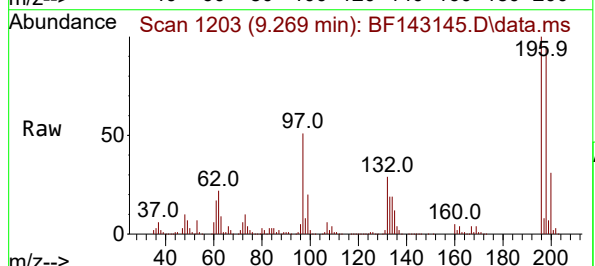
Concen: 51.434 ng

RT: 9.269 min Scan# 1203

Delta R.T. -0.000 min

Lab File: BF143145.D

Acq: 17 Jul 2025 13:33



Tgt Ion:196 Resp: 291607

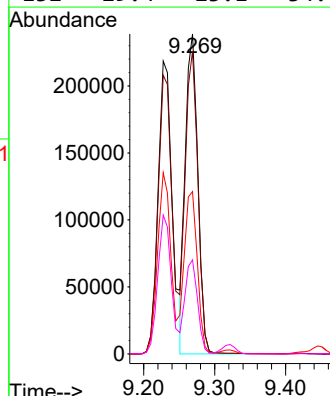
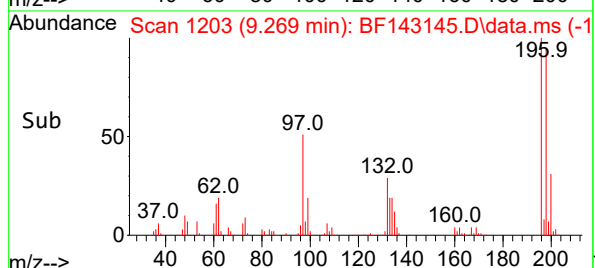
Ion Ratio Lower Upper

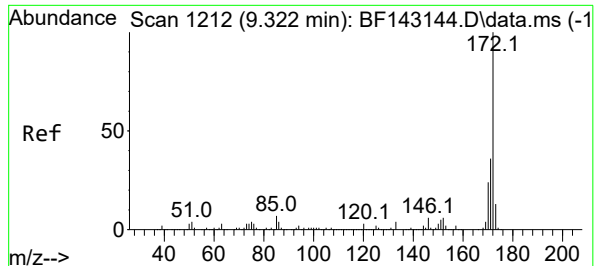
196 100

198 94.7 77.3 115.9

97 50.8 40.3 60.5

132 29.4 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 96.712 ng

RT: 9.322 min Scan# 1212

Delta R.T. -0.000 min

Lab File: BF143145.D

Acq: 17 Jul 2025 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:172 Resp: 2005894

Ion Ratio Lower Upper

172 100

171 35.8 28.6 42.8

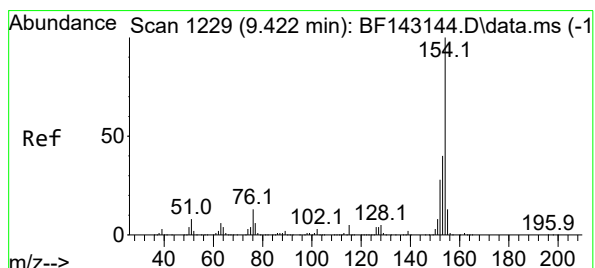
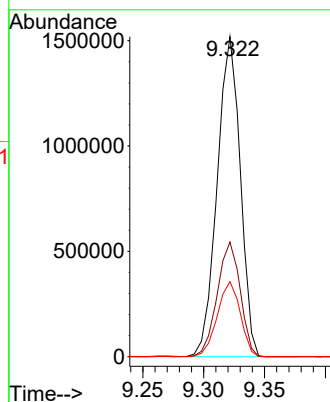
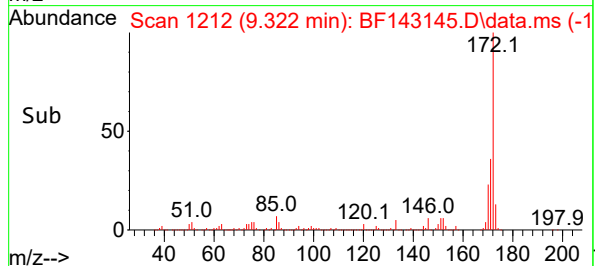
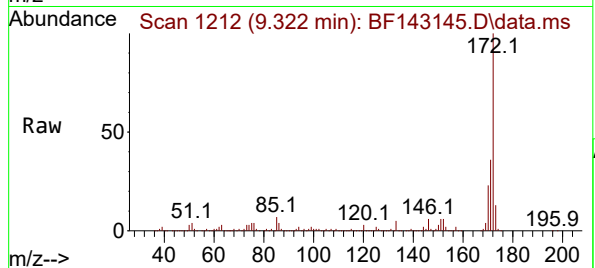
170 23.5 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#46

1,1'-Biphenyl

Concen: 49.764 ng

RT: 9.422 min Scan# 1229

Delta R.T. -0.000 min

Lab File: BF143145.D

Acq: 17 Jul 2025 13:33

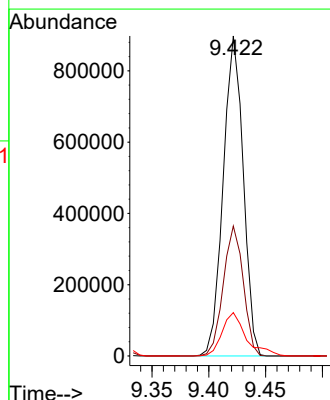
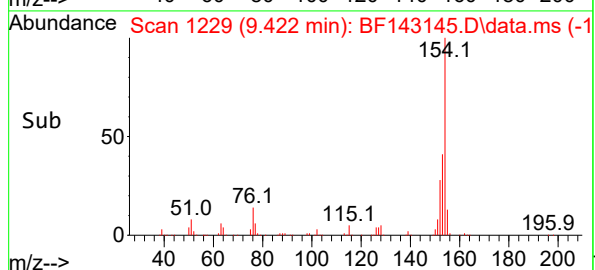
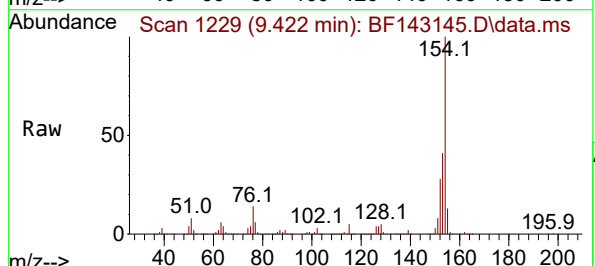
Tgt Ion:154 Resp: 1101317

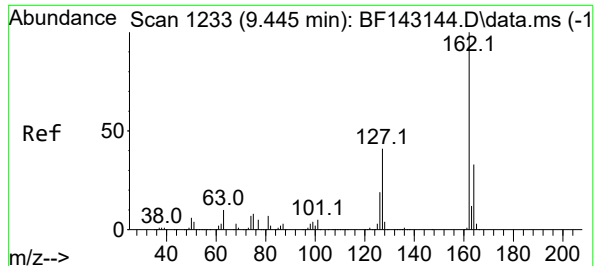
Ion Ratio Lower Upper

154 100

153 40.6 20.3 60.3

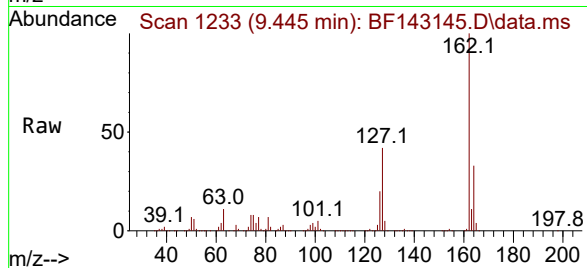
76 13.5 0.0 33.3





#47
2-Chloronaphthalene
Concen: 50.488 ng
RT: 9.445 min Scan# 1233
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

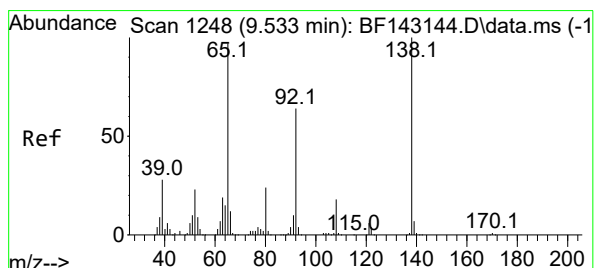
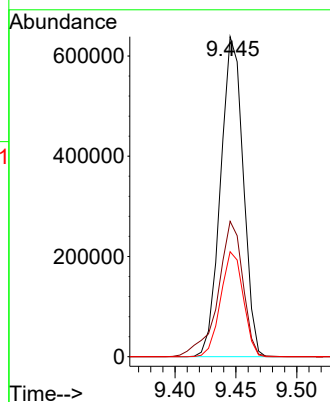
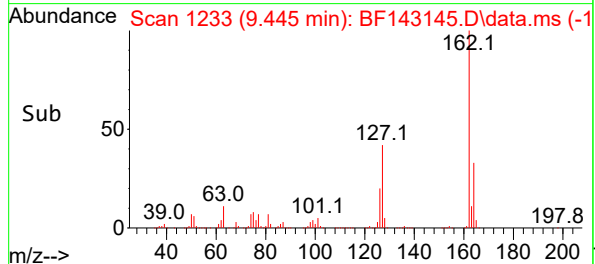
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:162 Resp: 826749
Ion Ratio Lower Upper
162 100
127 42.3 33.4 50.2
164 32.8 26.2 39.2

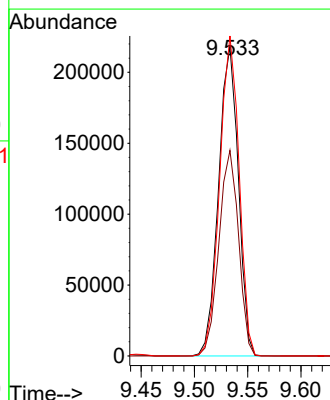
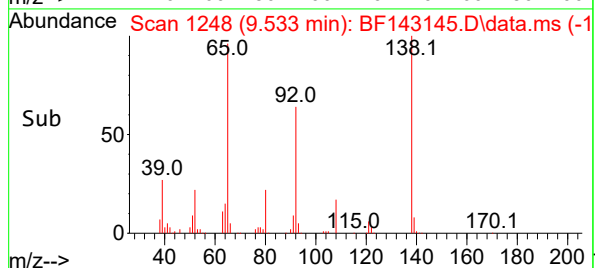
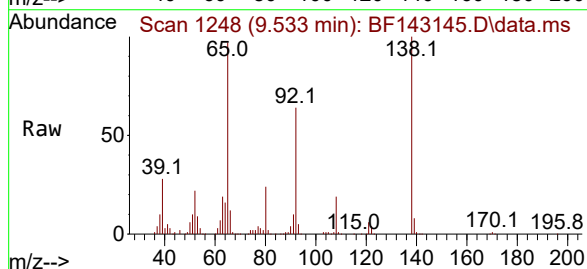
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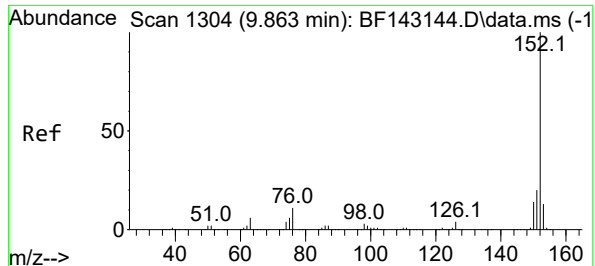
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#48
2-Nitroaniline
Concen: 54.736 ng
RT: 9.533 min Scan# 1248
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 65 Resp: 281082
Ion Ratio Lower Upper
65 100
92 66.5 52.4 78.6
138 103.5 82.3 123.5





#49

Acenaphthylene

Concen: 50.605 ng

RT: 9.863 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF143145.D

Acq: 17 Jul 2025 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:152 Resp: 138872

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.2

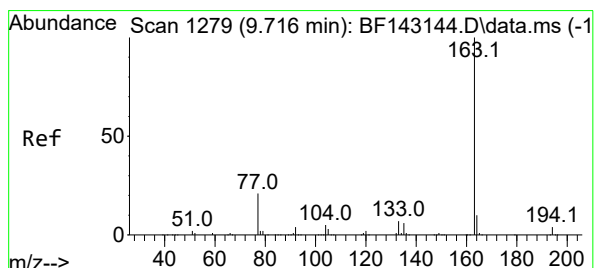
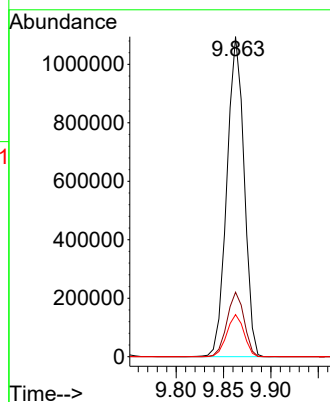
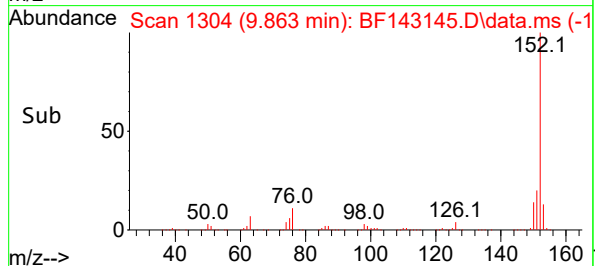
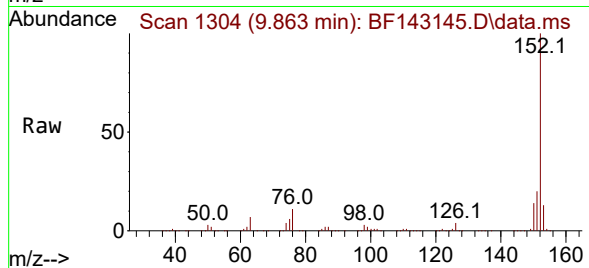
153 13.1 10.6 16.0

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#50

Dimethylphthalate

Concen: 50.832 ng

RT: 9.716 min Scan# 1279

Delta R.T. -0.000 min

Lab File: BF143145.D

Acq: 17 Jul 2025 13:33

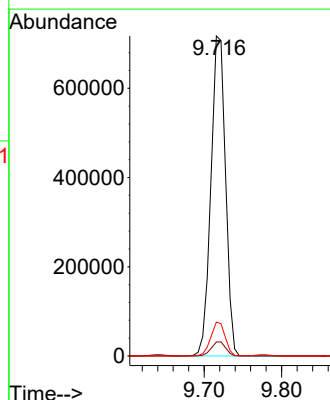
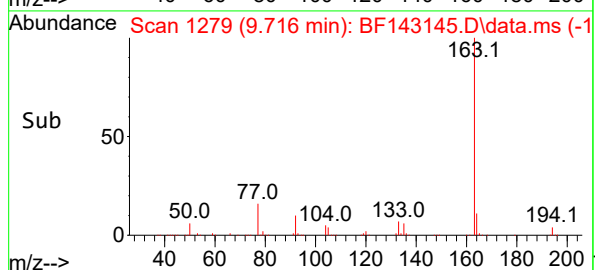
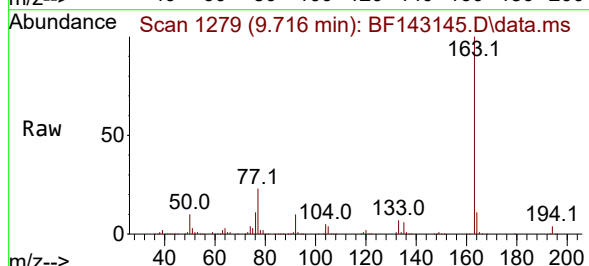
Tgt Ion:163 Resp: 939863

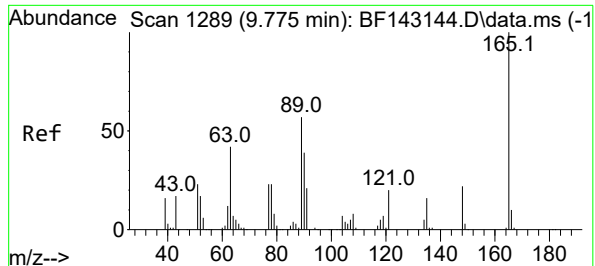
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

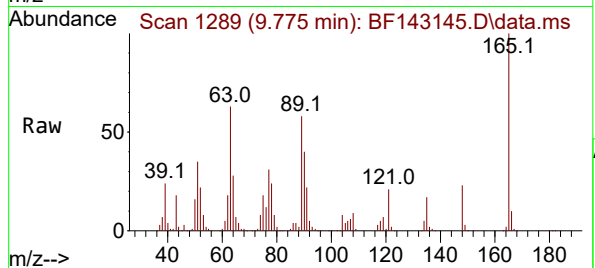
164 10.5 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 54.541 ng
RT: 9.775 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

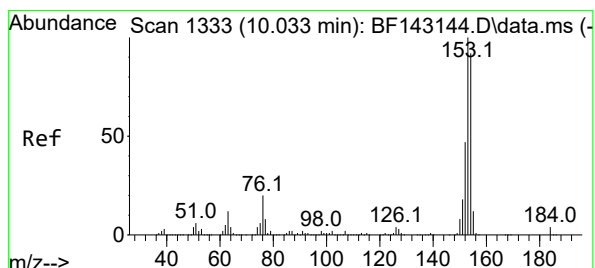
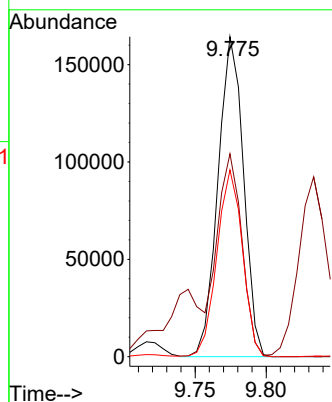
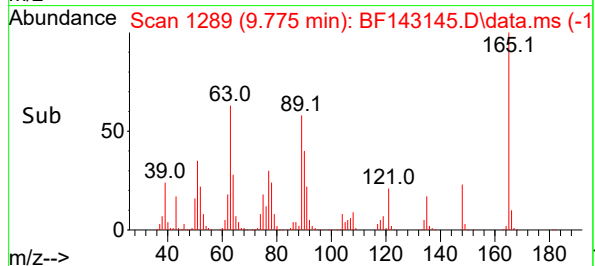
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:165 Resp: 20514
Ion Ratio Lower Upper
165 100
63 63.4 49.4 74.2
89 58.4 46.2 69.2

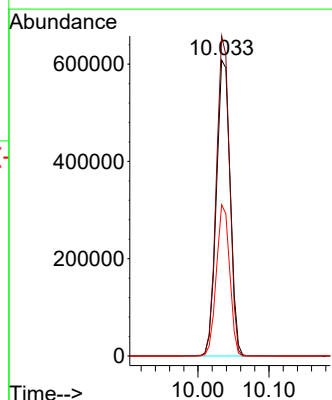
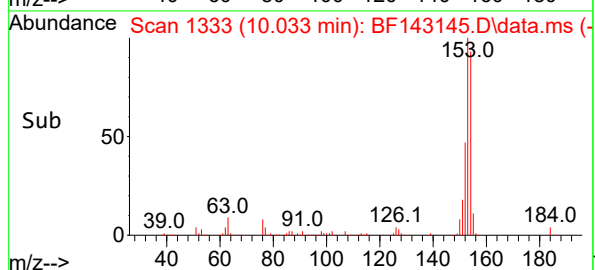
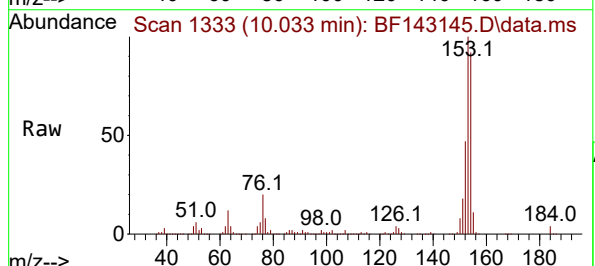
Manual Integrations
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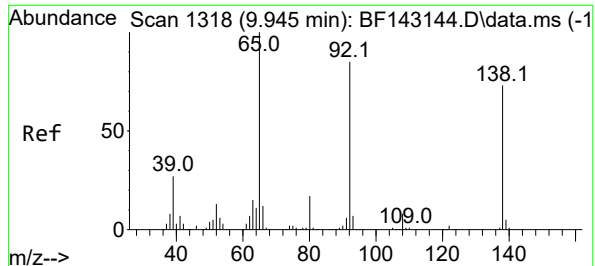
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#52
Acenaphthene
Concen: 50.481 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:154 Resp: 818783
Ion Ratio Lower Upper
154 100
153 108.2 86.6 129.8
152 51.1 40.4 60.6





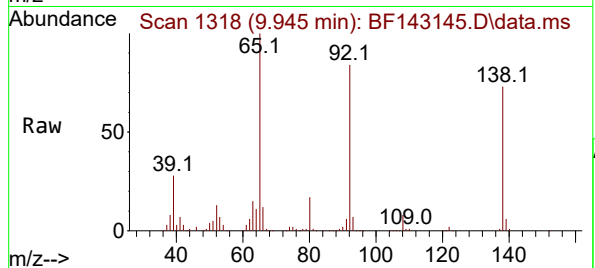
#53
3-Nitroaniline
Concen: 53.861 ng
RT: 9.945 min Scan# 1318
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

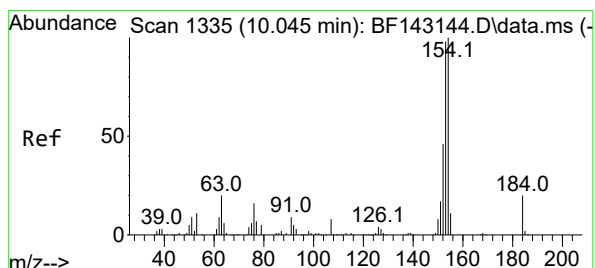
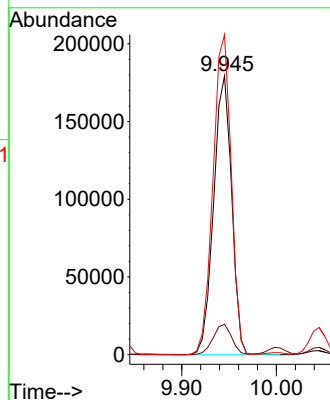
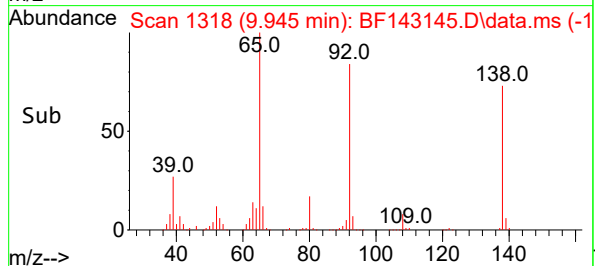


Tgt Ion:138 Resp: 236958
Ion Ratio Lower Upper
138 100
108 10.9 9.0 13.6
92 114.8 93.0 139.4

Manual Integrations

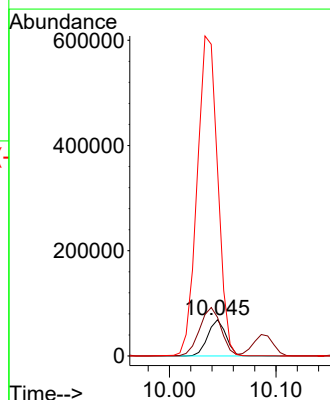
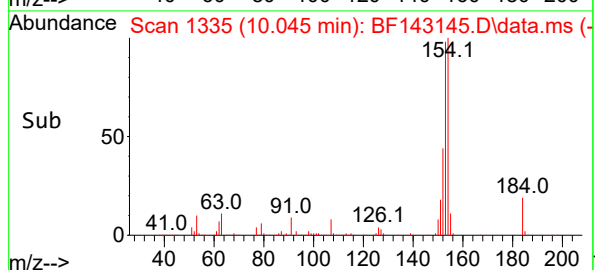
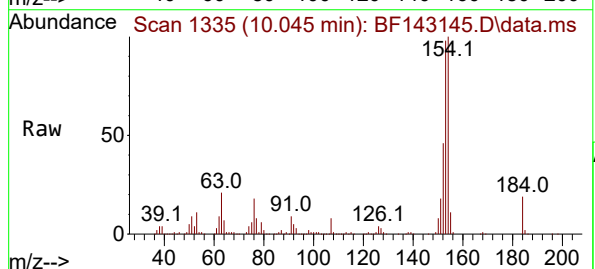
APPROVED

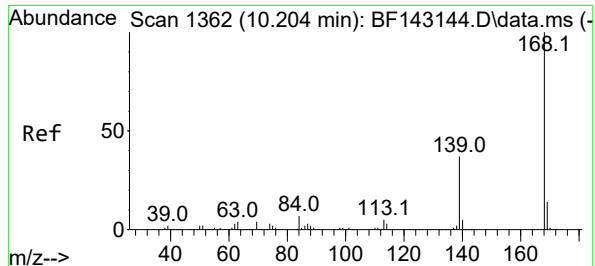
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#54
2,4-Dinitrophenol
Concen: 50.750 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

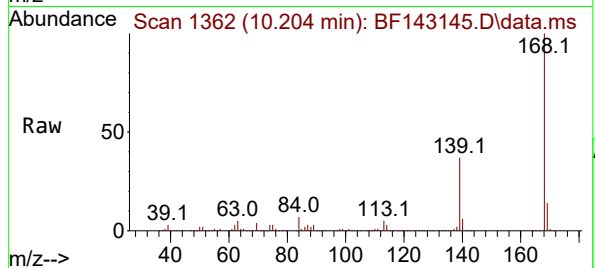
Tgt Ion:184 Resp: 81983
Ion Ratio Lower Upper
184 100
63 106.9 81.8 122.6
154 519.2 412.2 618.4





#55
Dibenzenofuran
Concen: 50.001 ng
RT: 10.204 min Scan# 1362
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

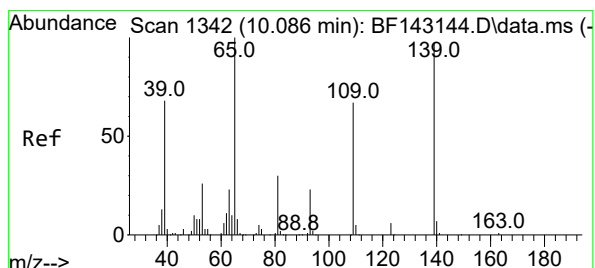
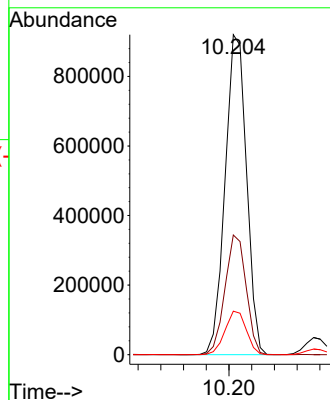
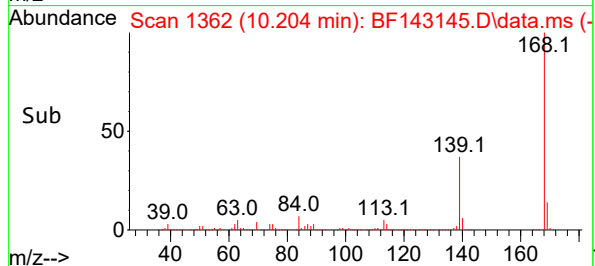
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:168 Resp: 1204088
Ion Ratio Lower Upper
168 100
139 37.4 29.5 44.3
169 13.6 10.9 16.3

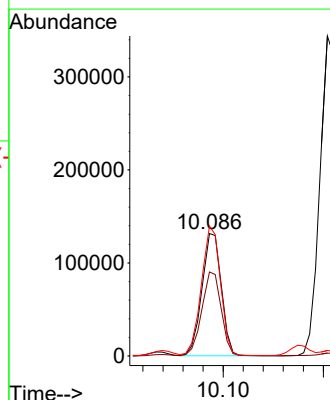
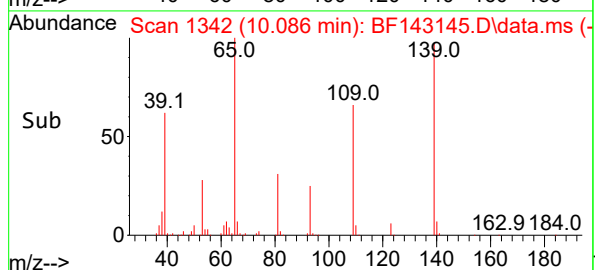
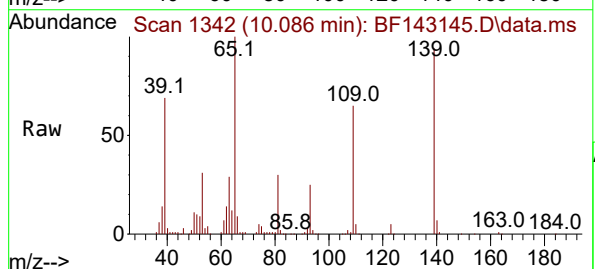
Manual Integrations
APPROVED

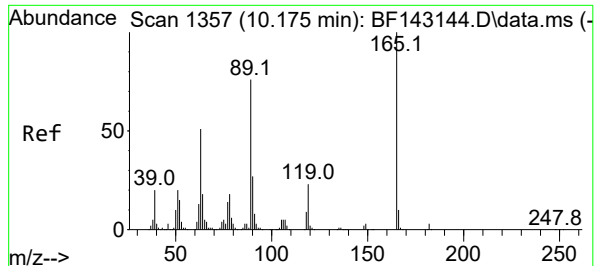
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#56
4-Nitrophenol
Concen: 54.001 ng
RT: 10.086 min Scan# 1342
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

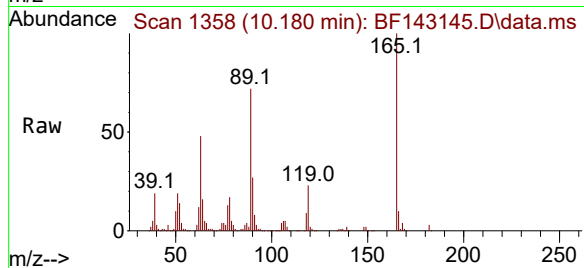
Tgt Ion:139 Resp: 177408
Ion Ratio Lower Upper
139 100
109 68.7 48.5 88.5
65 106.2 83.4 123.4





#57
2,4-Dinitrotoluene
Concen: 55.954 ng
RT: 10.180 min Scan# 1358
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

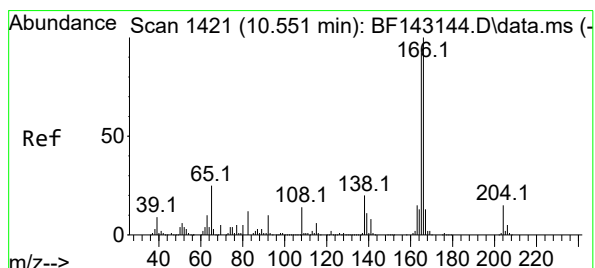
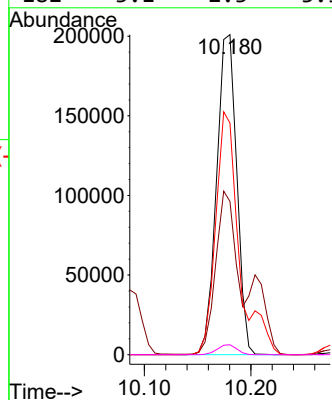
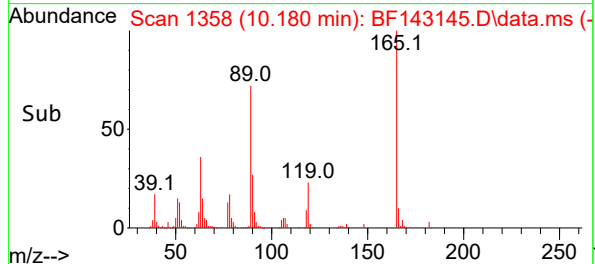
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:165 Resp: 264049
Ion Ratio Lower Upper
165 100
63 47.9 41.0 61.4
89 72.4 61.1 91.7
182 3.1 2.3 3.5

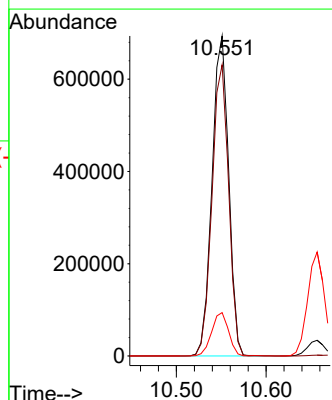
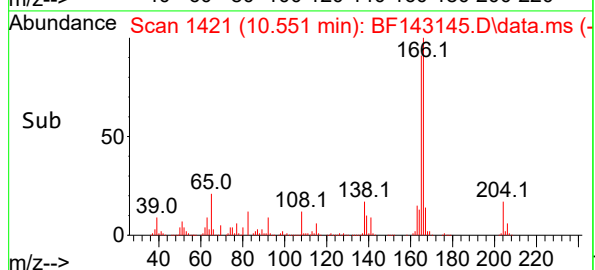
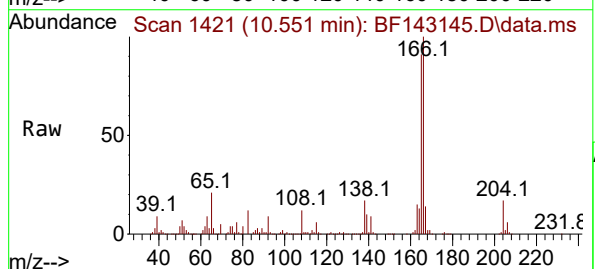
Manual Integrations
APPROVED

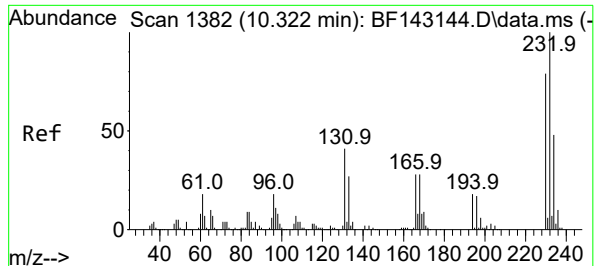
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#58
Fluorene
Concen: 49.335 ng
RT: 10.551 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

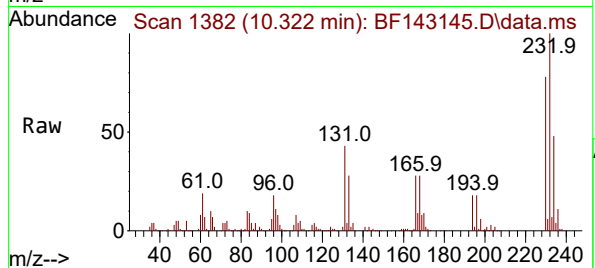
Tgt Ion:166 Resp: 891646
Ion Ratio Lower Upper
166 100
165 91.0 73.7 110.5
167 13.6 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 52.965 ng
RT: 10.322 min Scan# 1382
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

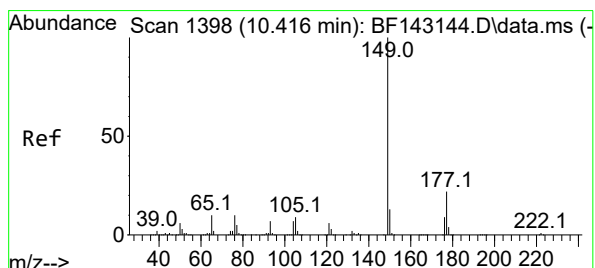
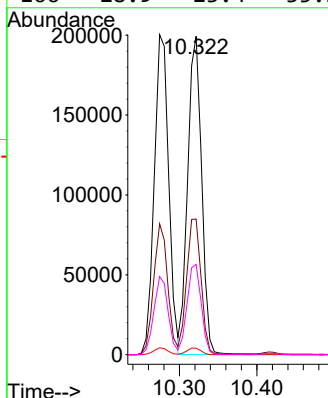
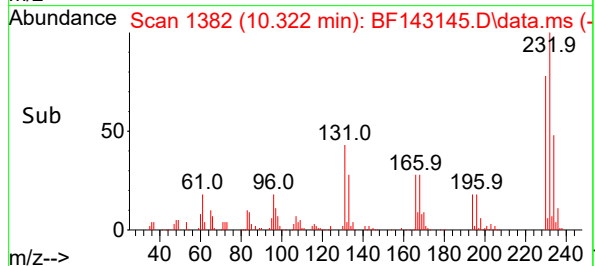
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:232 Resp: 248745
Ion Ratio Lower Upper
232 100
131 44.3 35.3 52.9
130 2.1 1.7 2.5
166 28.9 23.4 35.2

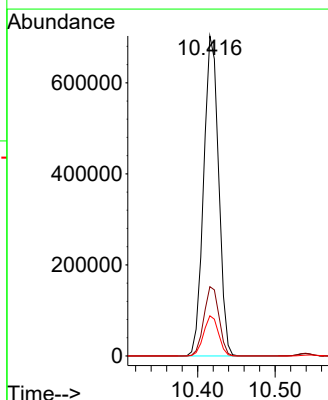
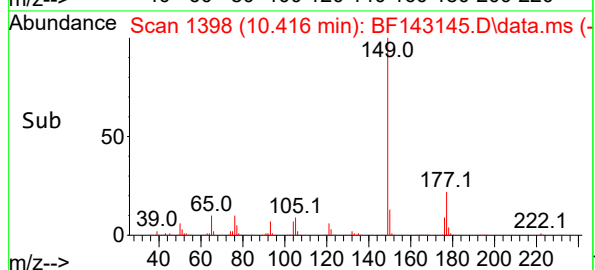
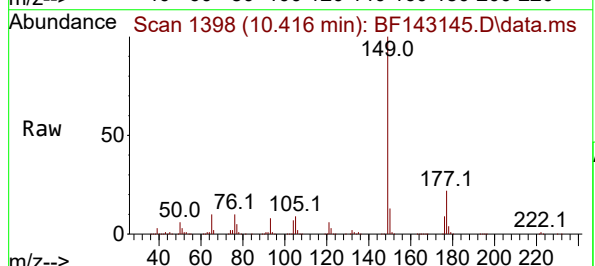
Manual Integrations
APPROVED

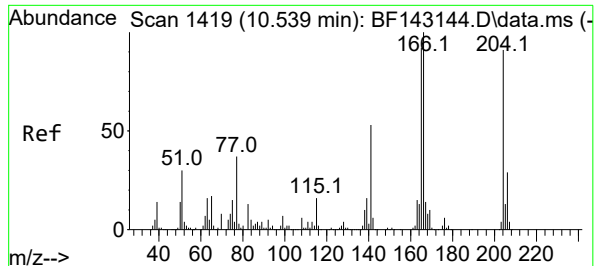
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#60
Diethylphthalate
Concen: 51.580 ng
RT: 10.416 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

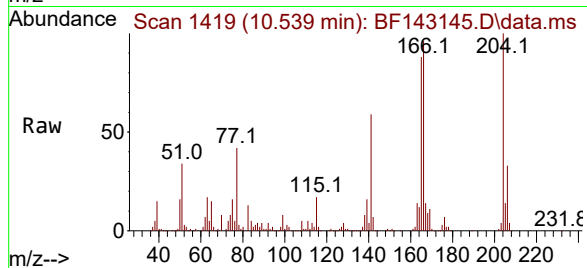
Tgt Ion:149 Resp: 942625
Ion Ratio Lower Upper
149 100
177 21.7 17.5 26.3
150 12.6 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 49.911 ng
RT: 10.539 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

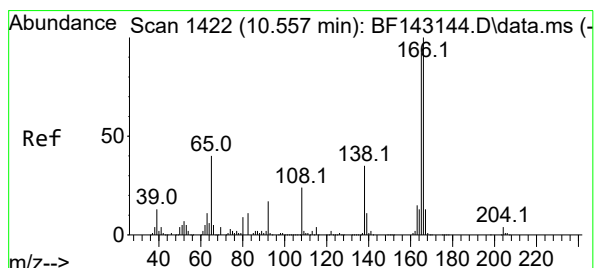
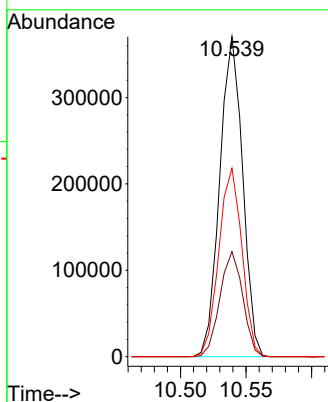
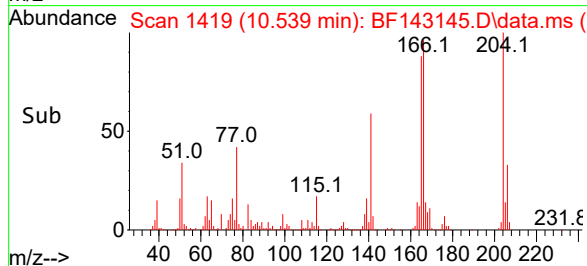
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



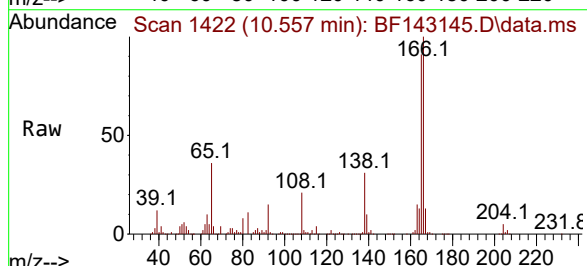
Tgt Ion:204 Resp: 449168
Ion Ratio Lower Upper
204 100
206 32.8 25.8 38.8
141 58.9 47.0 70.4

Manual Integrations
APPROVED

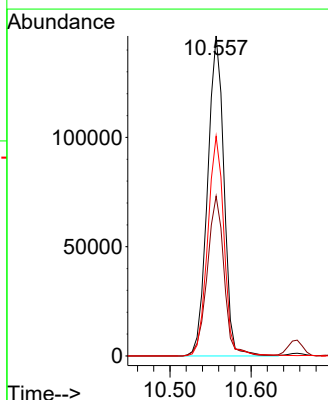
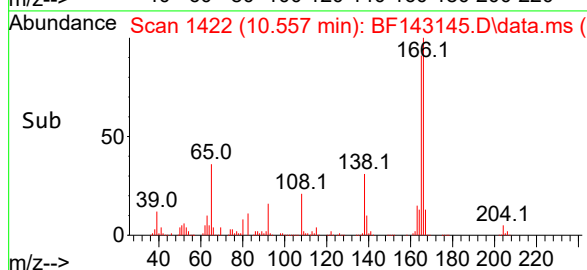
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

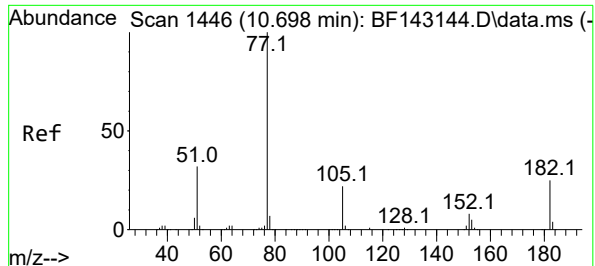


#62
4-Nitroaniline
Concen: 54.424 ng
RT: 10.557 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33



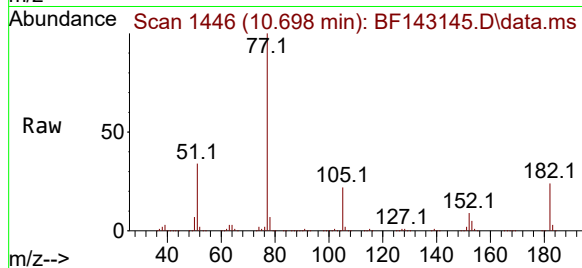
Tgt Ion:138 Resp: 205210
Ion Ratio Lower Upper
138 100
92 50.0 29.3 69.3
108 68.7 48.3 88.3





#63
Azobenzene
Concen: 50.766 ng
RT: 10.698 min Scan# 1446
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

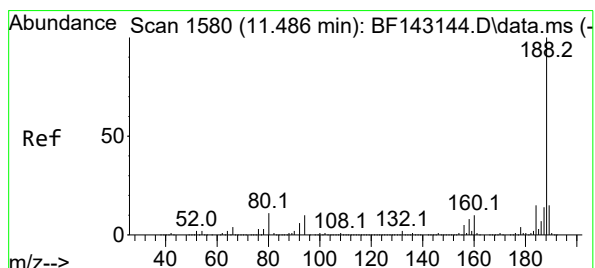
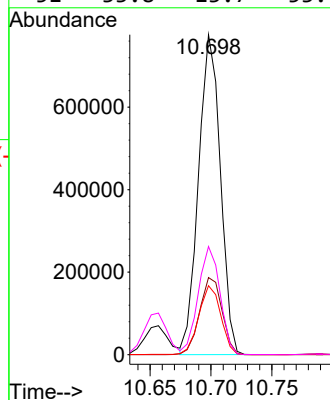
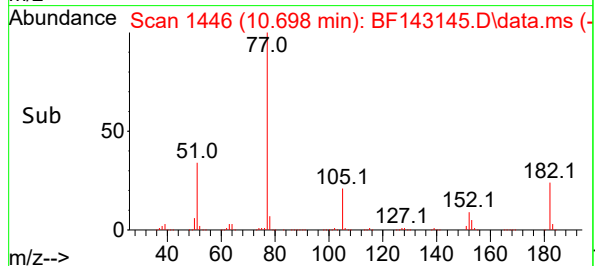
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



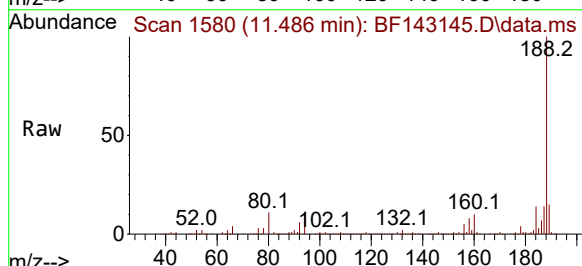
Tgt Ion: 77 Resp: 96693
Ion Ratio Lower Upper
77 100
182 24.1 4.6 44.6
105 21.6 1.4 41.4
51 33.8 13.7 53.7

Manual Integrations
APPROVED

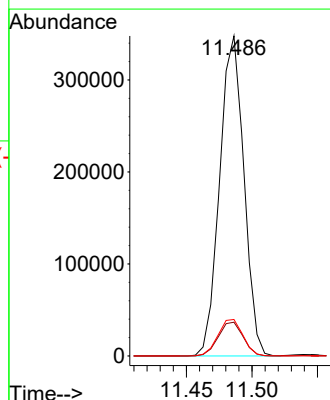
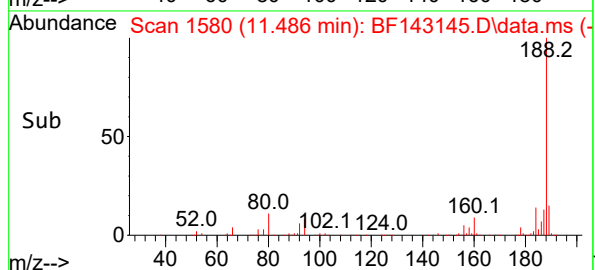
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

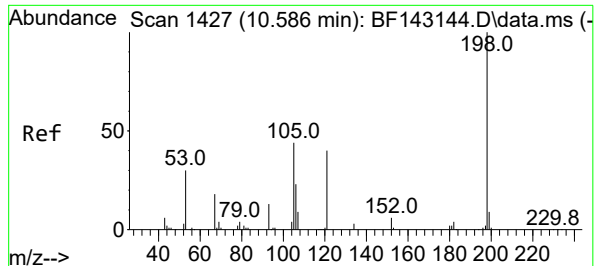


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33



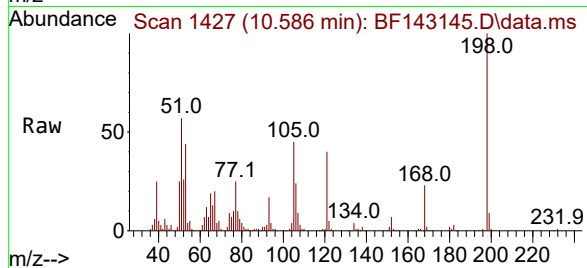
Tgt Ion:188 Resp: 447089
Ion Ratio Lower Upper
188 100
94 10.6 8.3 12.5
80 11.4 9.0 13.6





#65
4,6-Dinitro-2-methylphenol
Concen: 51.927 ng
RT: 10.586 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

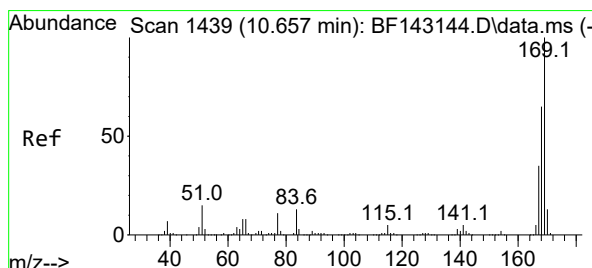
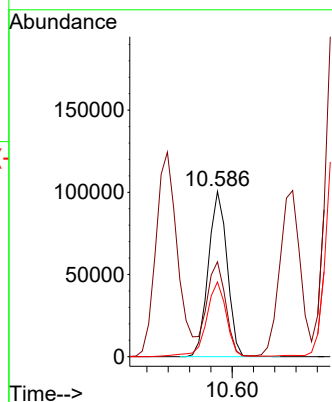
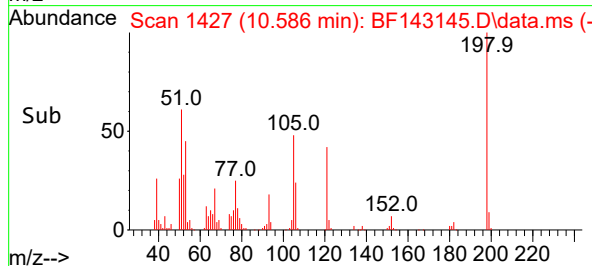
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:198 Resp: 122870
Ion Ratio Lower Upper
198 100
51 57.3 37.2 77.2
105 45.1 24.8 64.8

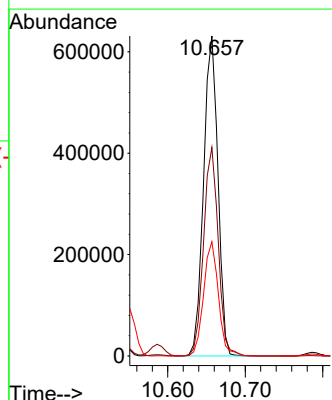
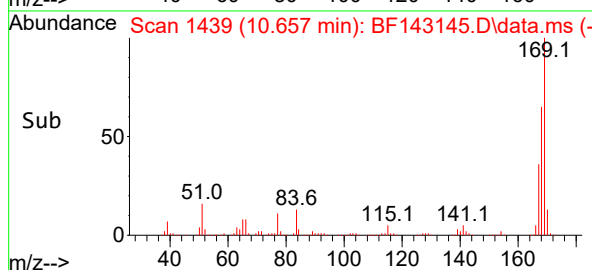
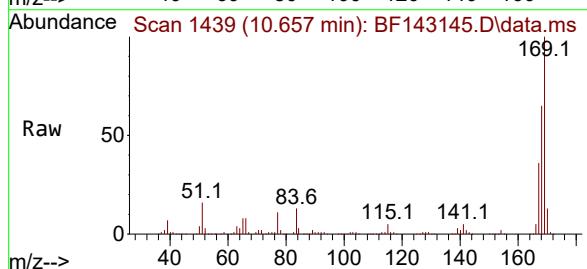
Manual Integrations
APPROVED

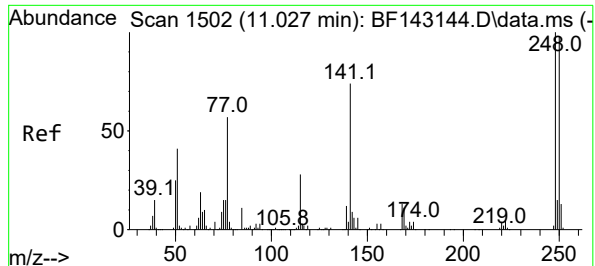
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#66
n-Nitrosodiphenylamine
Concen: 51.540 ng
RT: 10.657 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

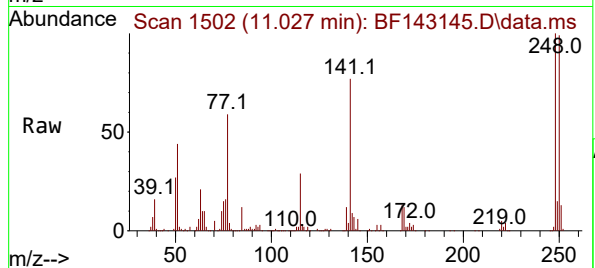
Tgt Ion:169 Resp: 811422
Ion Ratio Lower Upper
169 100
168 65.1 52.1 78.1
167 35.7 28.2 42.2





#67
4-Bromophenyl-phenylether
Concen: 51.741 ng
RT: 11.027 min Scan# 1502
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

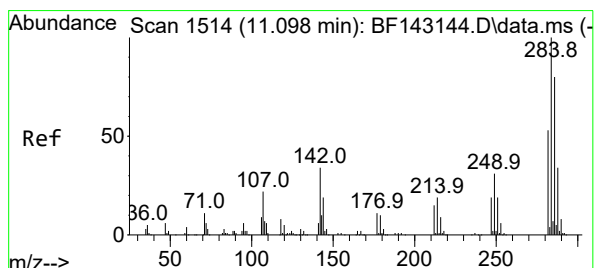
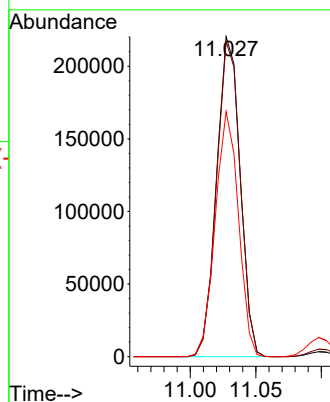
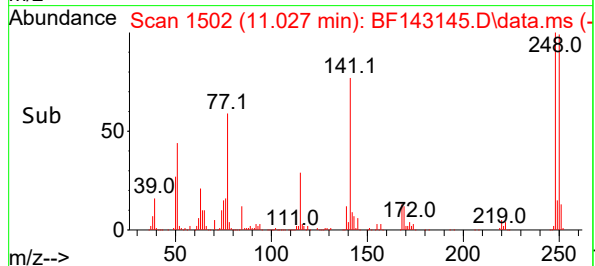
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



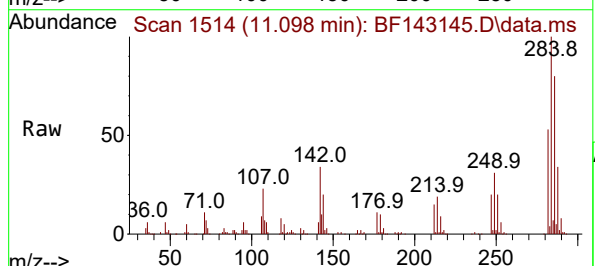
Tgt Ion:248 Resp: 275679
Ion Ratio Lower Upper
248 100
250 98.5 78.3 117.5
141 76.6 59.2 88.8

Manual Integrations
APPROVED

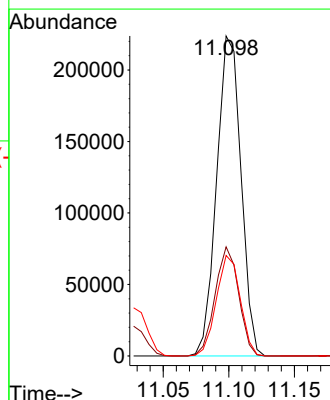
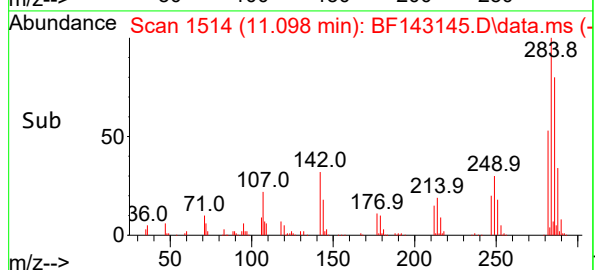
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

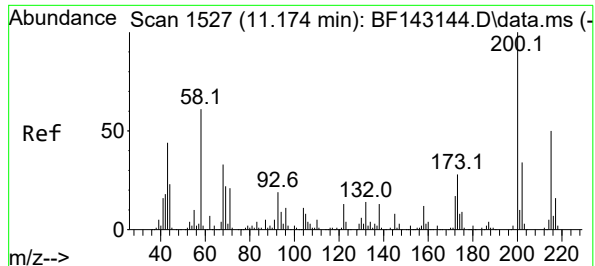


#68
Hexachlorobenzene
Concen: 51.788 ng
RT: 11.098 min Scan# 1514
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33



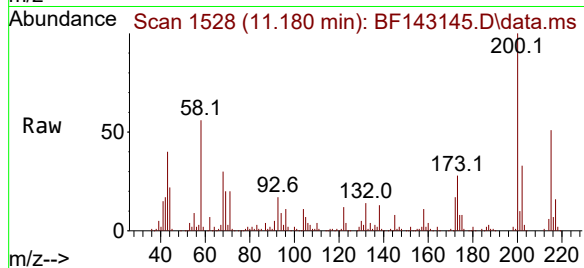
Tgt Ion:284 Resp: 288405
Ion Ratio Lower Upper
284 100
142 34.1 27.0 40.6
249 31.4 25.0 37.6





#69
Atrazine
Concen: 53.662 ng
RT: 11.180 min Scan# 1528
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

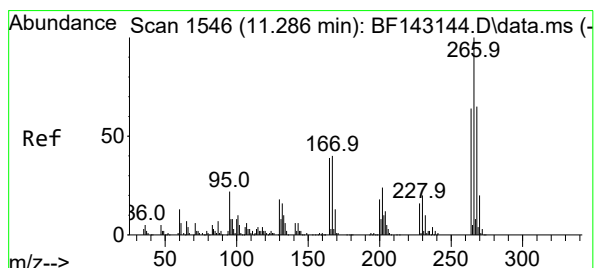
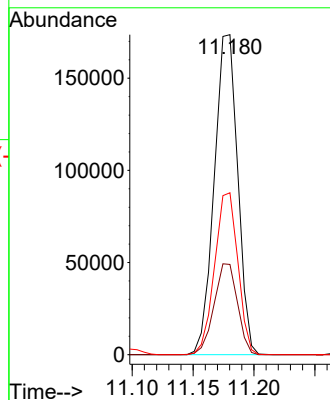
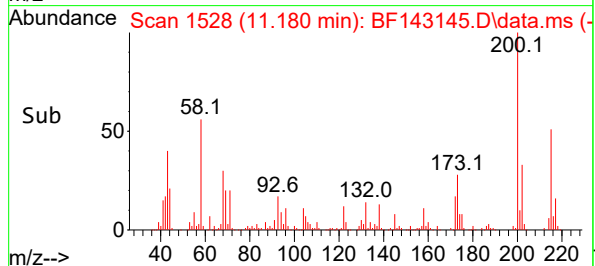
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:200 Resp: 23290
Ion Ratio Lower Upper
200 100
173 28.2 7.9 47.9
215 50.6 30.1 70.1

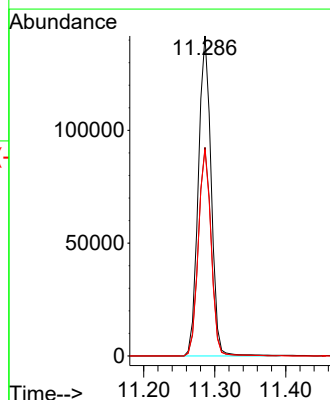
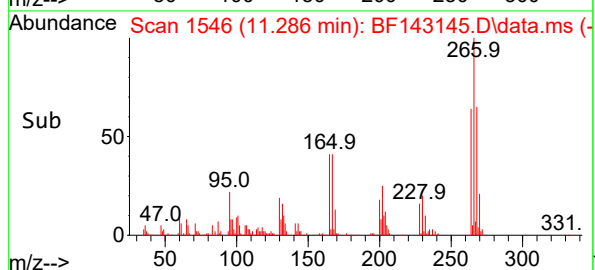
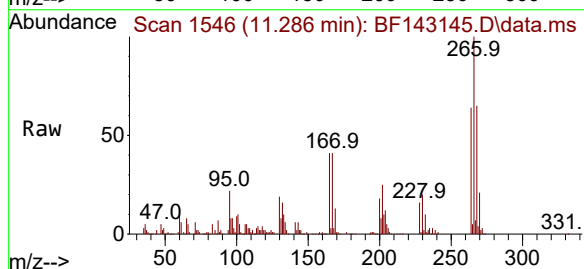
Manual Integrations
APPROVED

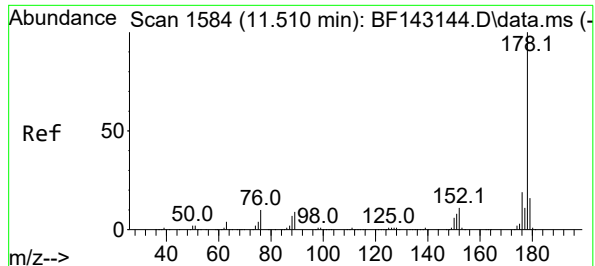
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#70
Pentachlorophenol
Concen: 54.581 ng
RT: 11.286 min Scan# 1546
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:266 Resp: 178753
Ion Ratio Lower Upper
266 100
268 65.2 51.9 77.9
264 64.5 51.0 76.6





#71

Phenanthrene

Concen: 50.321 ng

RT: 11.510 min Scan# 1584

Delta R.T. -0.000 min

Lab File: BF143145.D

Acq: 17 Jul 2025 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:178 Resp: 119458

Ion Ratio Lower Upper

178 100

176 19.2 15.3 22.9

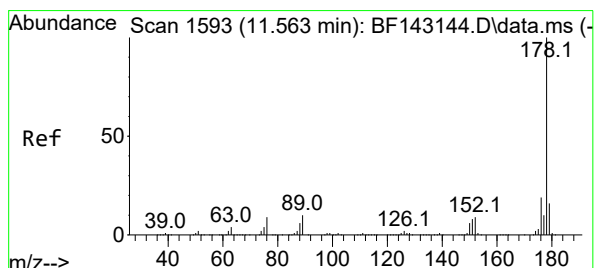
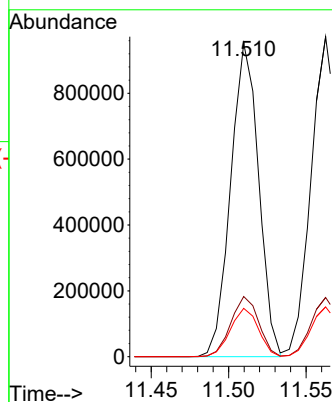
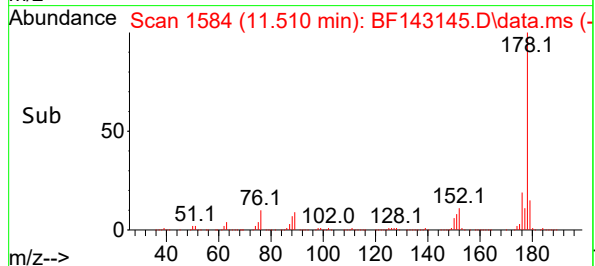
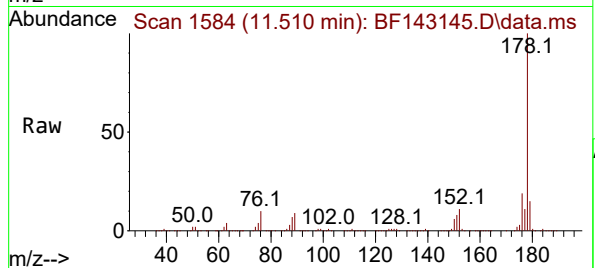
179 15.4 12.5 18.7

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#72

Anthracene

Concen: 50.552 ng

RT: 11.563 min Scan# 1593

Delta R.T. -0.000 min

Lab File: BF143145.D

Acq: 17 Jul 2025 13:33

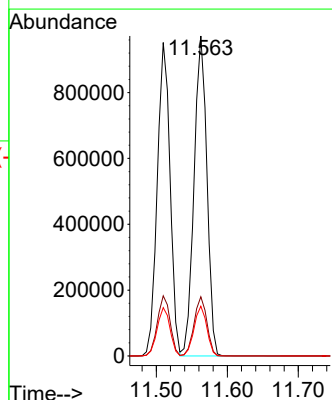
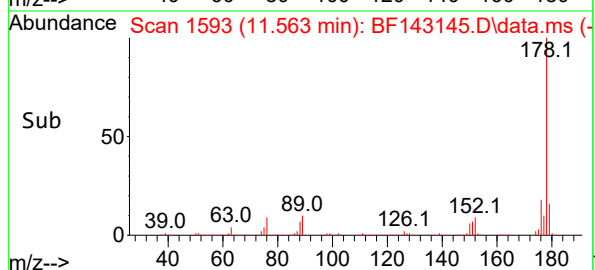
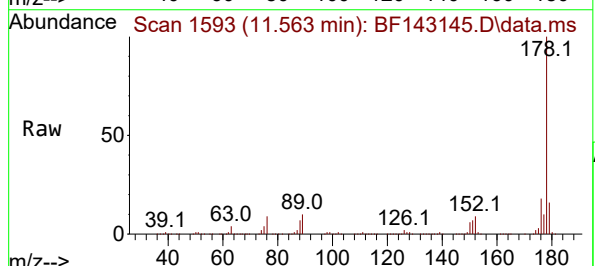
Tgt Ion:178 Resp: 1223920

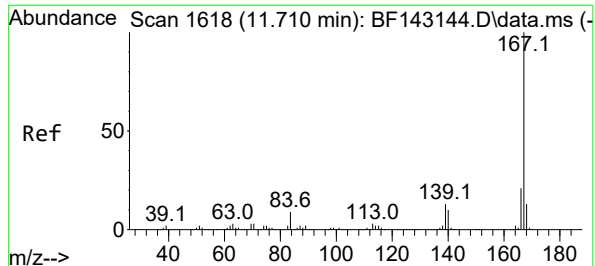
Ion Ratio Lower Upper

178 100

176 18.5 15.0 22.4

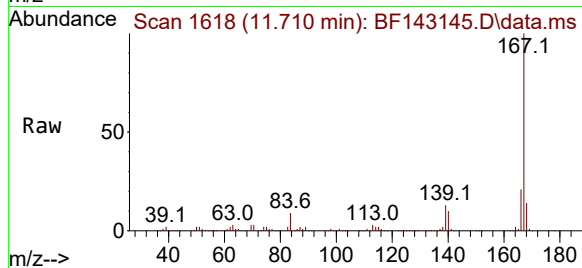
179 15.5 12.5 18.7





#73
Carbazole
Concen: 50.934 ng
RT: 11.710 min Scan# 1618
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

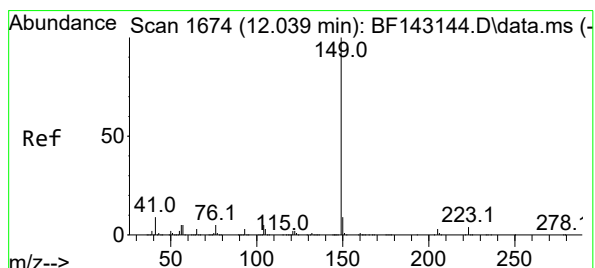
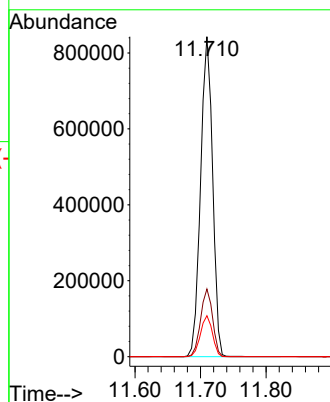
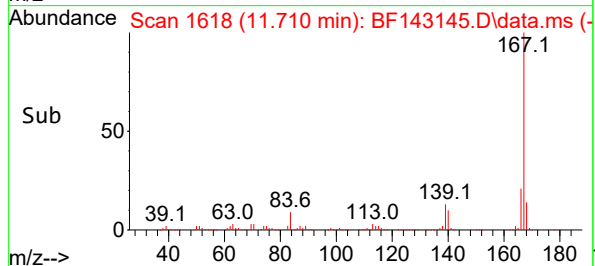
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



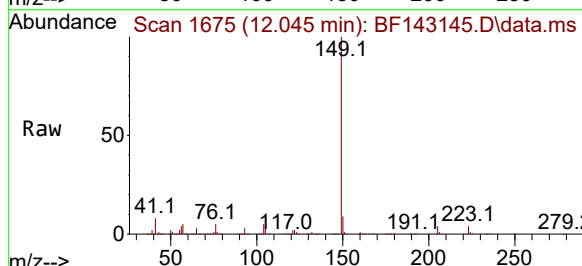
Tgt Ion:167 Resp: 107680
Ion Ratio Lower Upper
167 100
166 21.1 17.0 25.6
139 12.8 10.0 15.0

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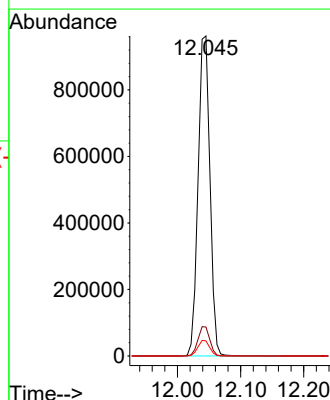
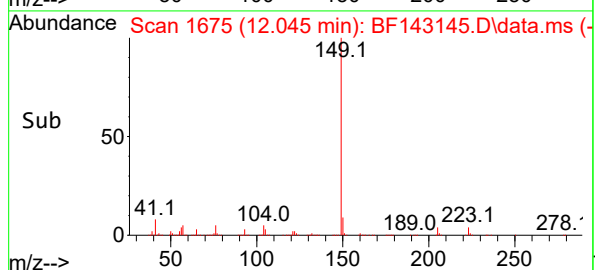
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

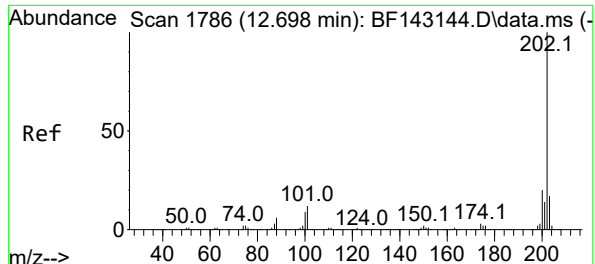


#74
Di-n-butylphthalate
Concen: 52.290 ng
RT: 12.045 min Scan# 1675
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33



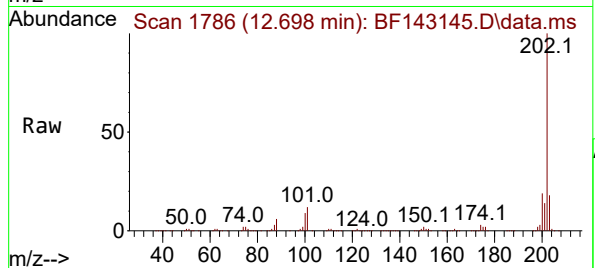
Tgt Ion:149 Resp: 1250841
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.2
104 4.7 3.8 5.8





#75
Fluoranthene
Concen: 50.203 ng
RT: 12.698 min Scan# 1786
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

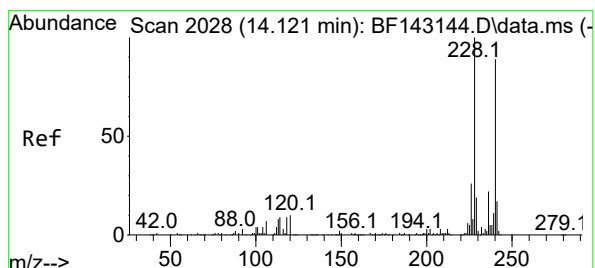
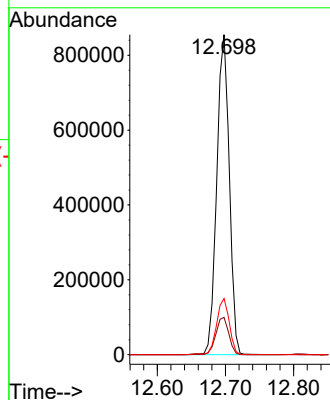
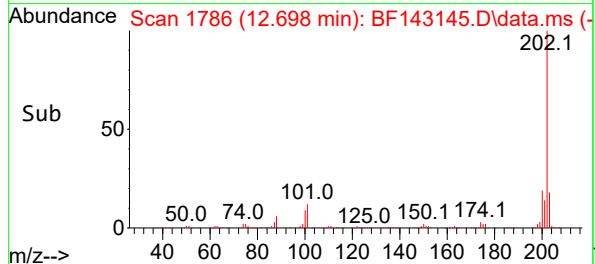
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:202 Resp: 1093890
Ion Ratio Lower Upper
202 100
101 11.6 0.0 31.7
203 17.6 0.0 37.4

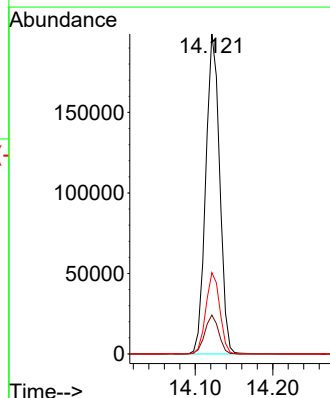
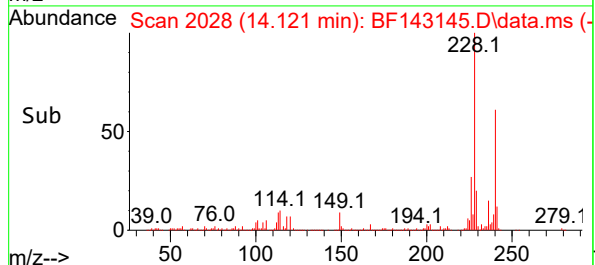
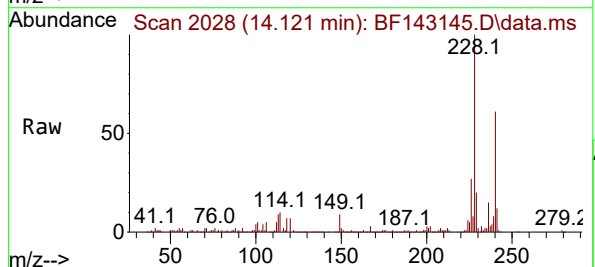
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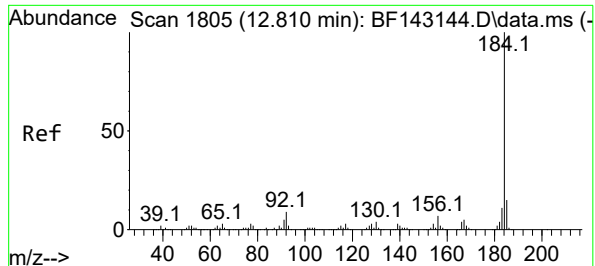
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

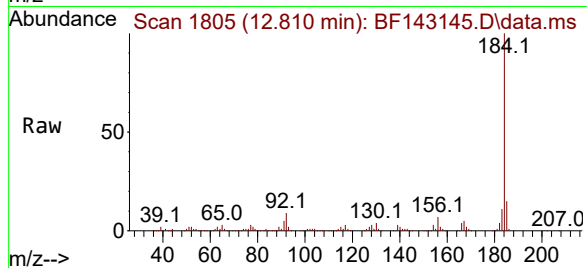
Tgt Ion:240 Resp: 247878
Ion Ratio Lower Upper
240 100
120 12.1 9.4 14.2
236 25.4 20.2 30.4





#77
Benzidine
Concen: 45.229 ng
RT: 12.810 min Scan# 1805
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

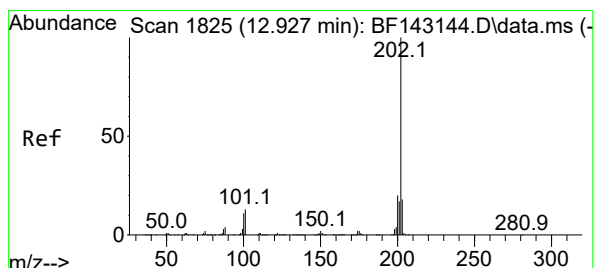
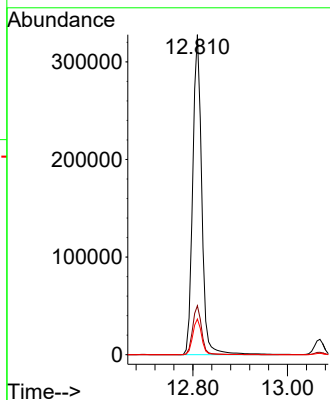
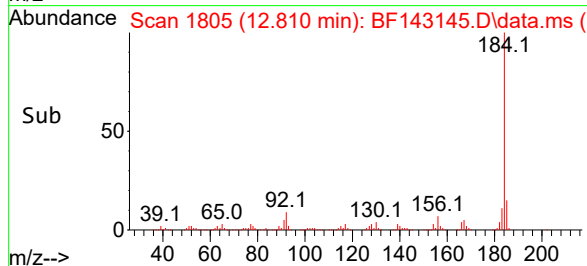
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:184 Resp: 431944
Ion Ratio Lower Upper
184 100
185 15.3 12.2 18.4
183 11.2 9.0 13.4

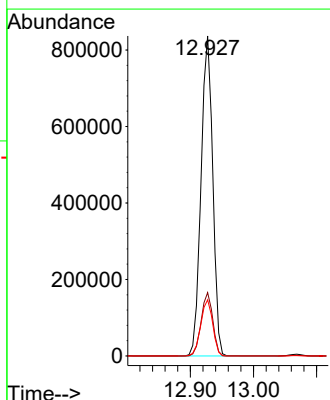
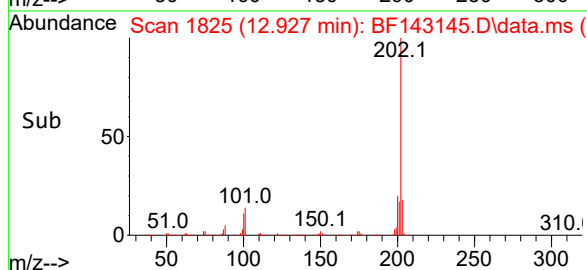
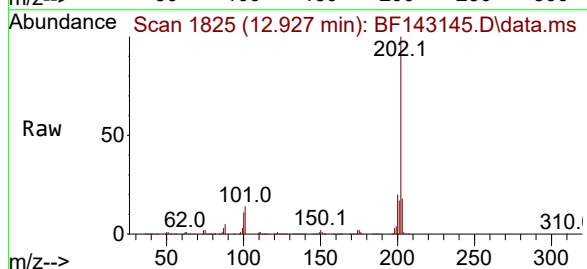
Manual Integrations
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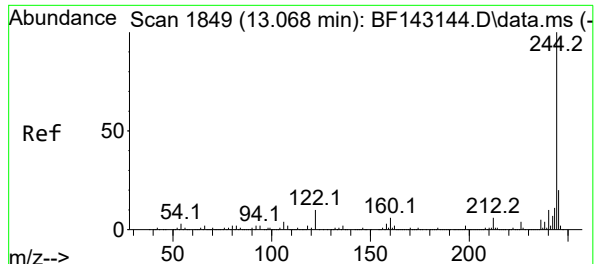
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#78
Pyrene
Concen: 50.982 ng
RT: 12.927 min Scan# 1825
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:202 Resp: 1078520
Ion Ratio Lower Upper
202 100
200 19.8 15.7 23.5
203 17.5 14.2 21.2





#79

Terphenyl-d14

Concen: 99.838 ng

RT: 13.068 min Scan# 1849

Delta R.T. -0.000 min

Lab File: BF143145.D

Acq: 17 Jul 2025 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:244 Resp: 166303

Ion Ratio Lower Upper

244 100

212 6.6 5.2 7.8

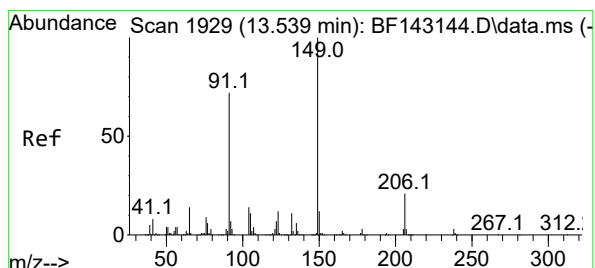
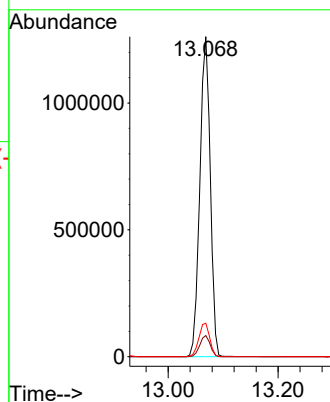
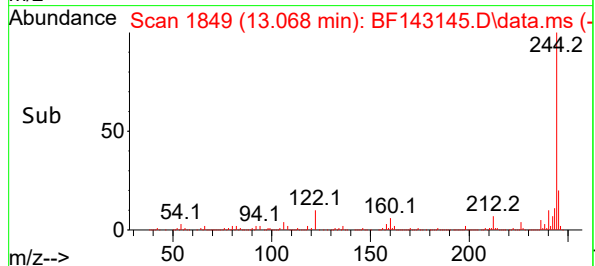
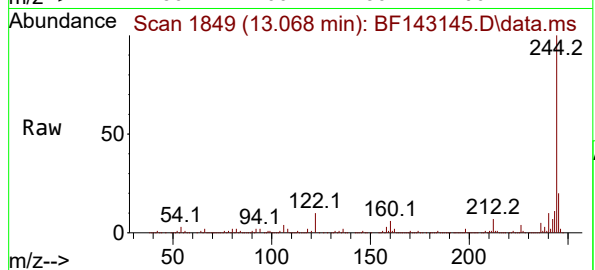
122 10.4 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#80

Butylbenzylphthalate

Concen: 55.681 ng

RT: 13.539 min Scan# 1929

Delta R.T. -0.000 min

Lab File: BF143145.D

Acq: 17 Jul 2025 13:33

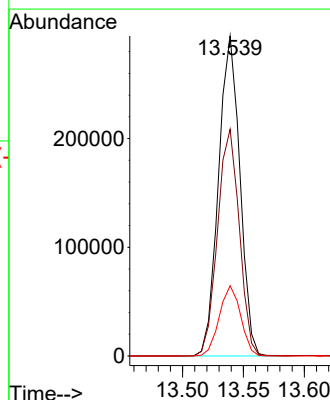
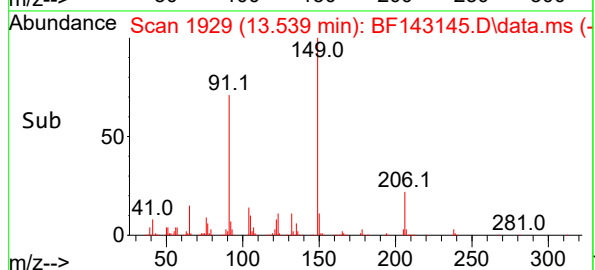
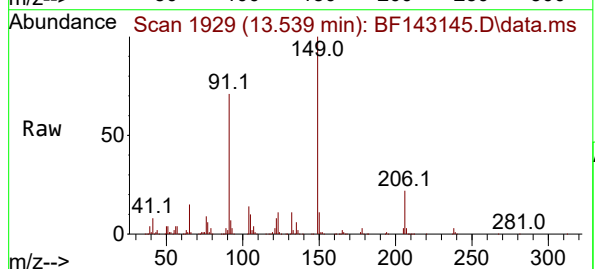
Tgt Ion:149 Resp: 360698

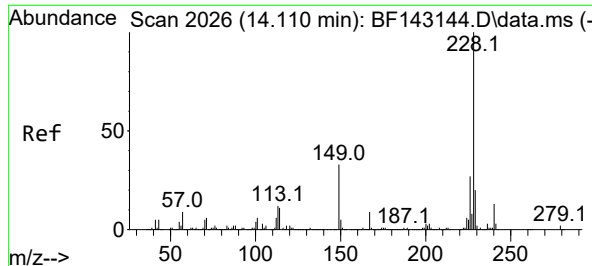
Ion Ratio Lower Upper

149 100

91 70.8 57.9 86.9

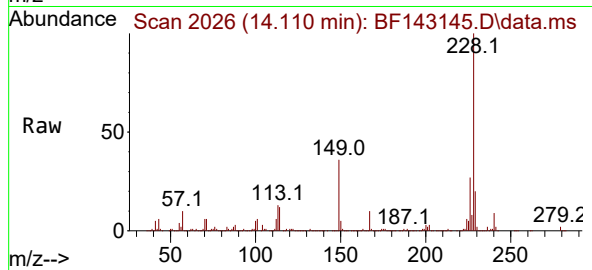
206 22.0 17.0 25.4





#81
Benzo(a)anthracene
Concen: 53.085 ng
RT: 14.110 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

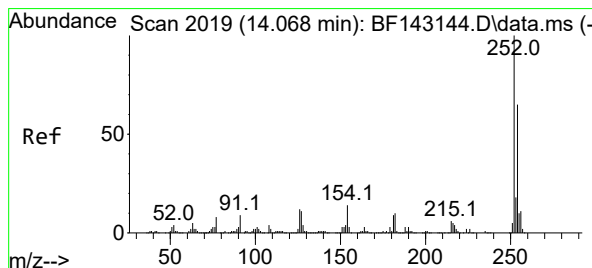
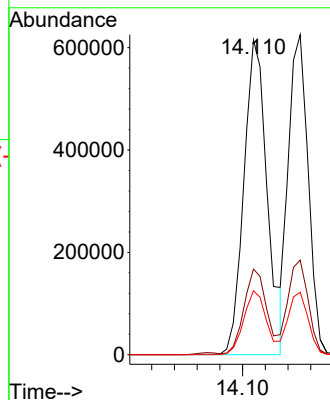
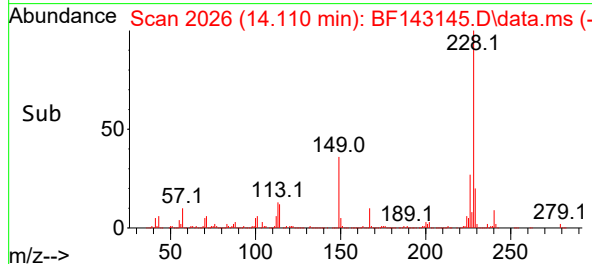
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:228 Resp: 880975
Ion Ratio Lower Upper
228 100
226 27.2 21.7 32.5
229 20.3 15.8 23.6

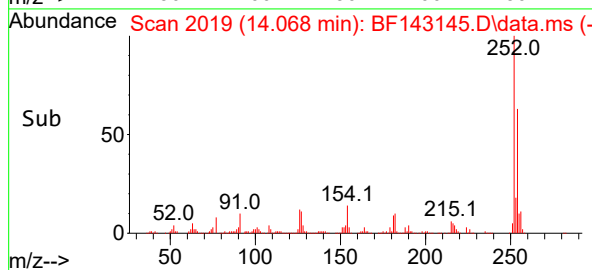
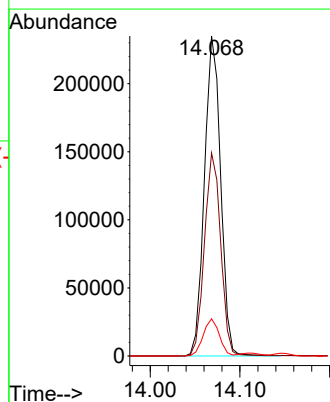
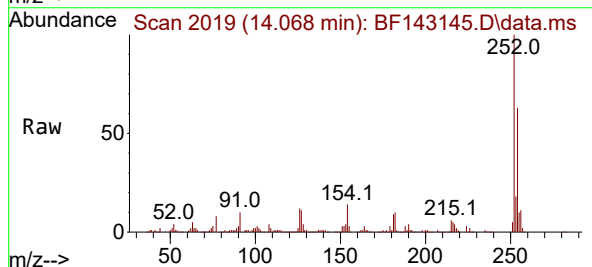
Manual Integrations
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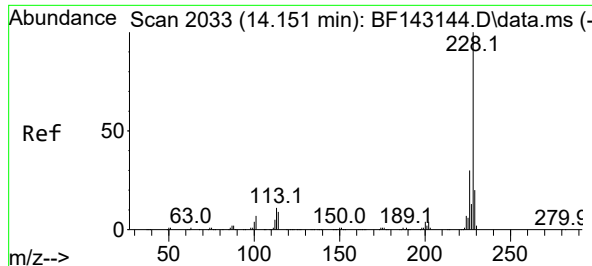
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#82
3,3'-Dichlorobenzidine
Concen: 53.305 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

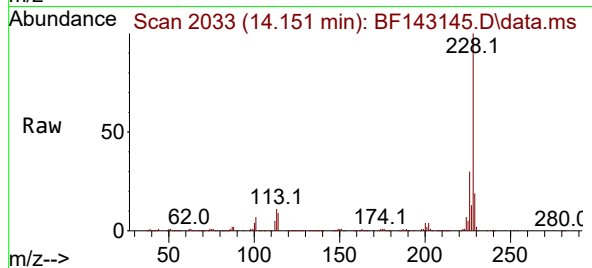
Tgt Ion:252 Resp: 294836
Ion Ratio Lower Upper
252 100
254 63.5 51.7 77.5
126 11.6 9.4 14.0





#83
Chrysene
Concen: 50.597 ng
RT: 14.151 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

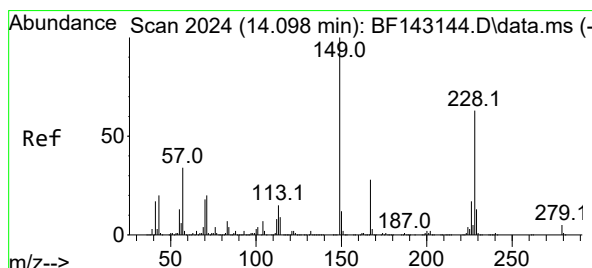
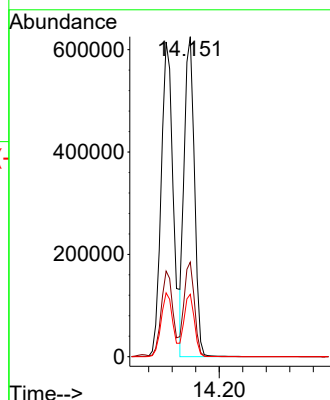
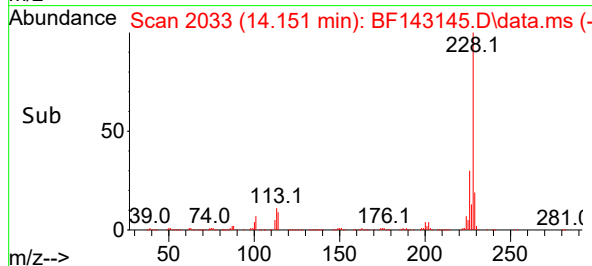
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:228 Resp: 75495
Ion Ratio Lower Upper
228 100
226 29.6 23.8 35.8
229 19.5 15.6 23.4

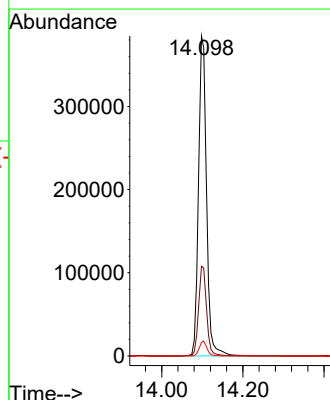
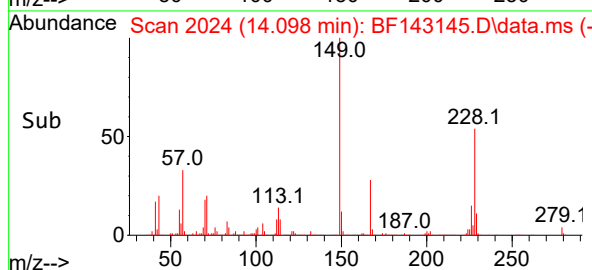
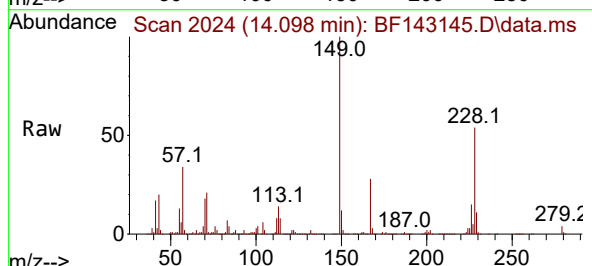
Manual Integrations
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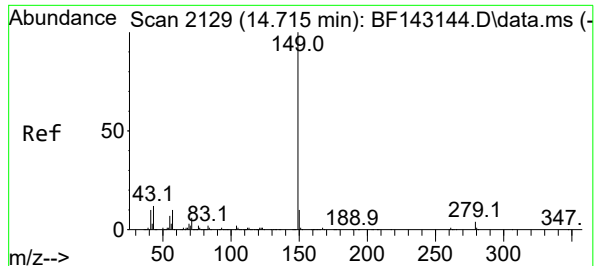
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 54.475 ng
RT: 14.098 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

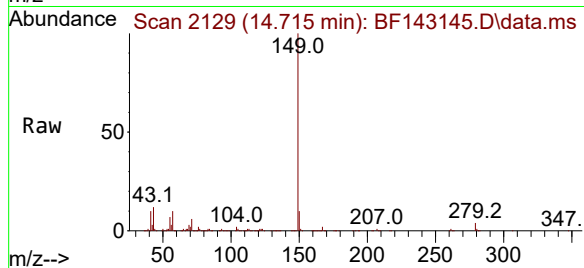
Tgt Ion:149 Resp: 534128
Ion Ratio Lower Upper
149 100
167 28.1 22.3 33.5
279 4.3 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 54.032 ng
RT: 14.715 min Scan# 2129
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

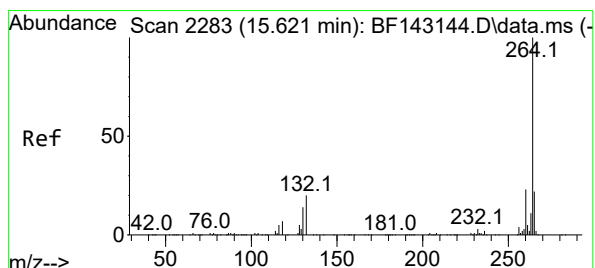
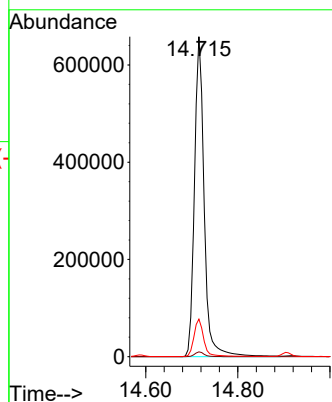
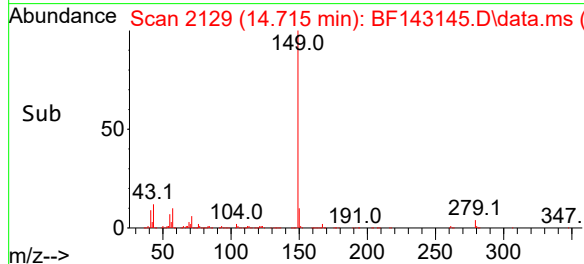
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:149 Resp: 960309
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 11.9 9.7 14.5

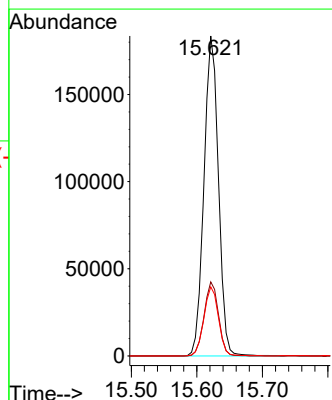
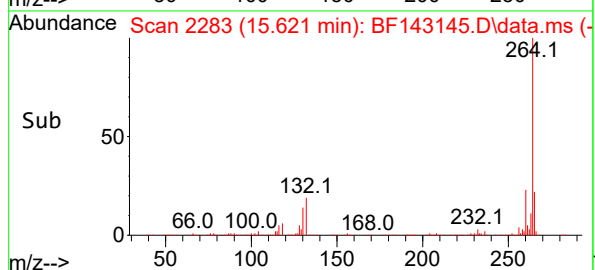
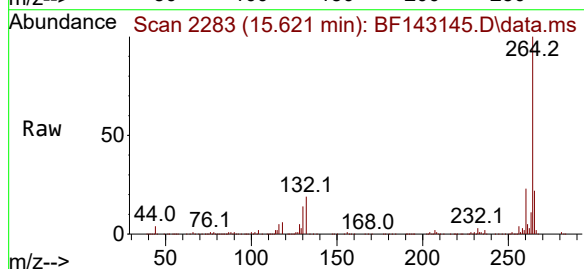
Manual Integrations
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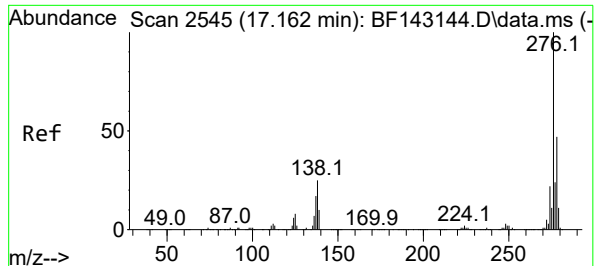
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2283
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:264 Resp: 282289
Ion Ratio Lower Upper
264 100
260 23.1 18.5 27.7
265 21.6 17.4 26.2





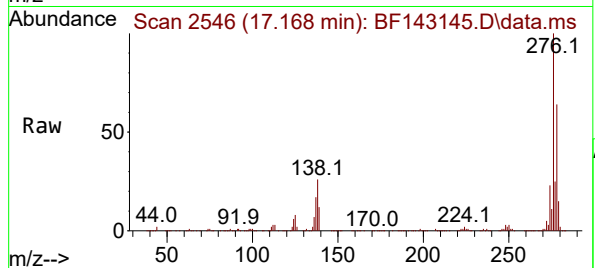
#87
Indeno(1,2,3-cd)pyrene
Concen: 53.347 ng
RT: 17.168 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

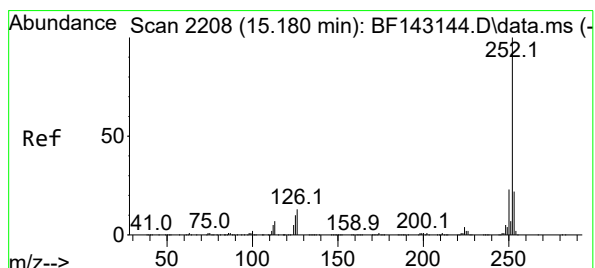
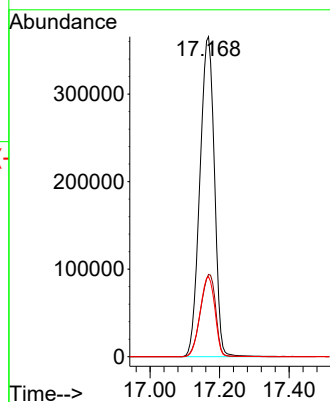
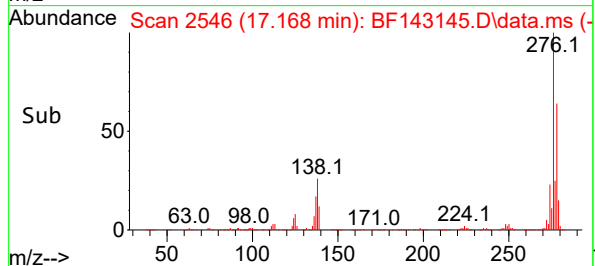


Tgt Ion:276 Resp: 106187
Ion Ratio Lower Upper
276 100
138 26.8 21.8 32.6
277 25.4 20.0 30.0

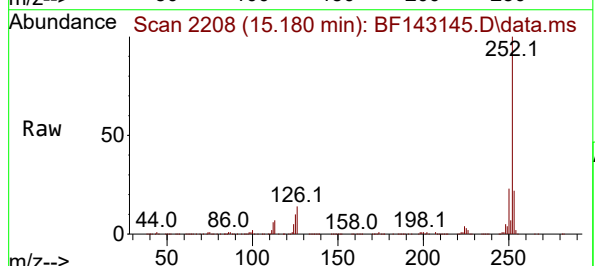
Manual Integrations

APPROVED

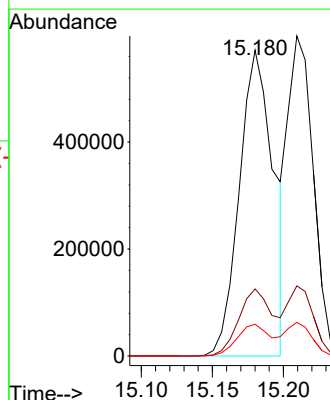
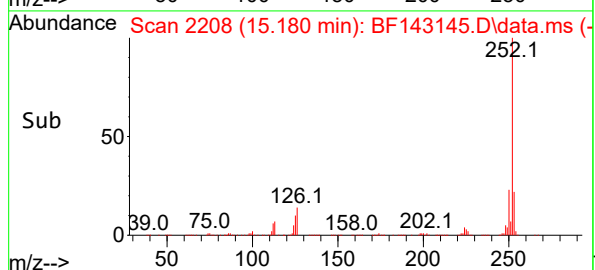
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

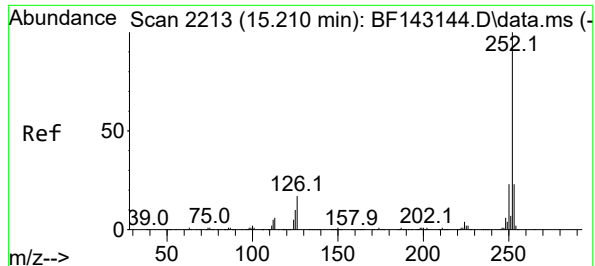


#88
Benzo(b)fluoranthene
Concen: 55.319 ng
RT: 15.180 min Scan# 2208
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33



Tgt Ion:252 Resp: 953990
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 10.4 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 49.024 ng

RT: 15.209 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF143145.D

Acq: 17 Jul 2025 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:252 Resp: 75441

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

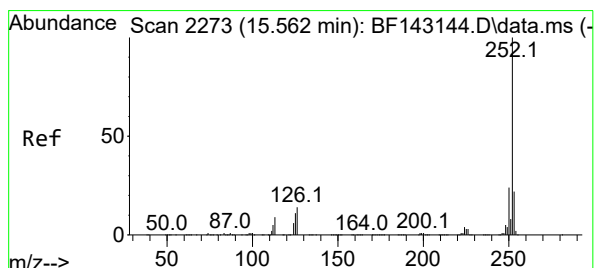
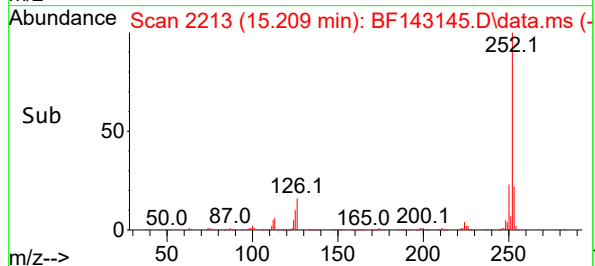
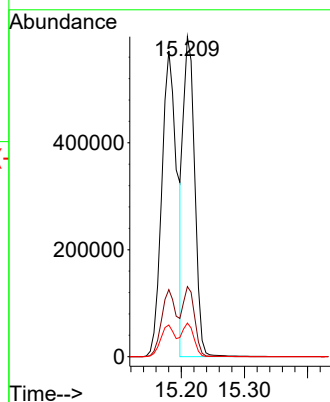
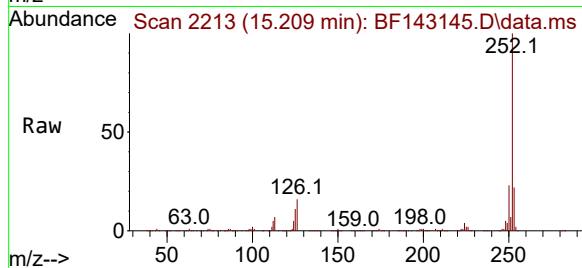
125 10.5 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#90

Benzo(a)pyrene

Concen: 52.928 ng

RT: 15.562 min Scan# 2273

Delta R.T. -0.000 min

Lab File: BF143145.D

Acq: 17 Jul 2025 13:33

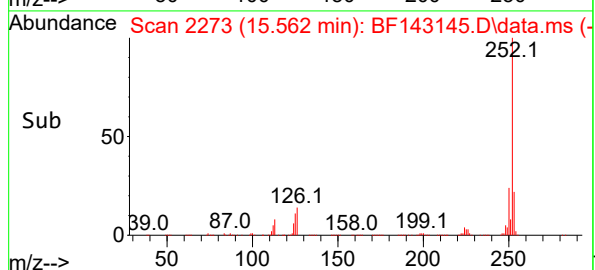
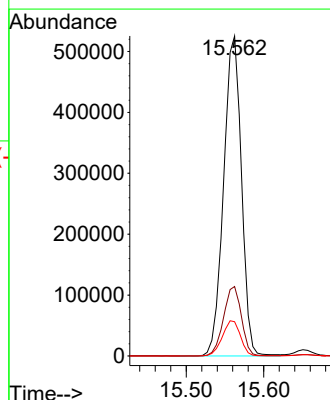
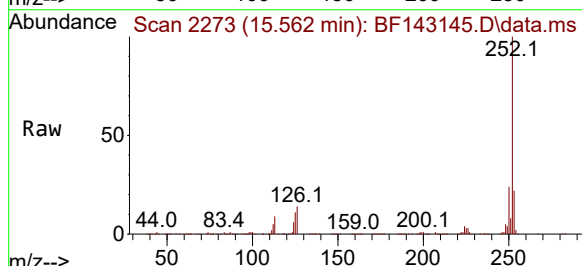
Tgt Ion:252 Resp: 840968

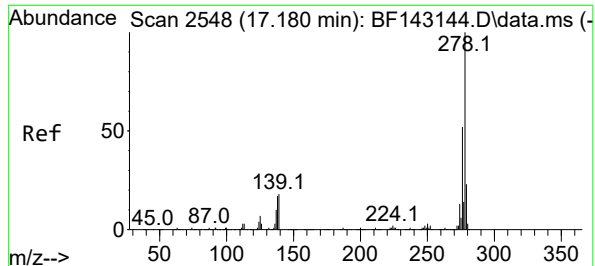
Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

125 10.7 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 53.172 ng

RT: 17.186 min Scan# 2548

Delta R.T. 0.006 min

Lab File: BF143145.D

Acq: 17 Jul 2025 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:278 Resp: 86146

Ion Ratio Lower Upper

278 100

139 16.5 14.1 21.1

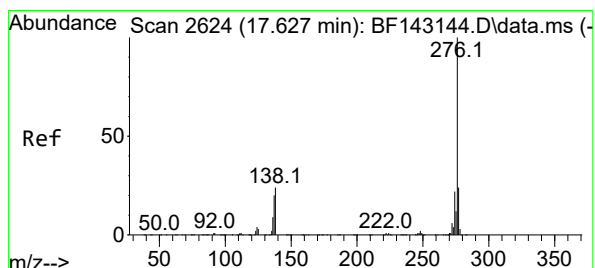
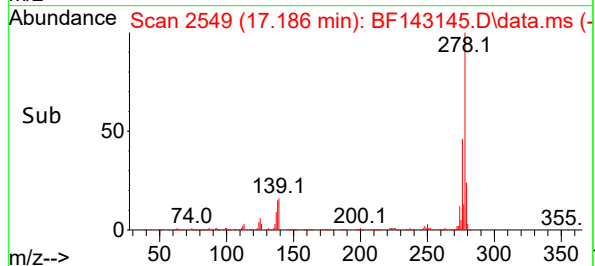
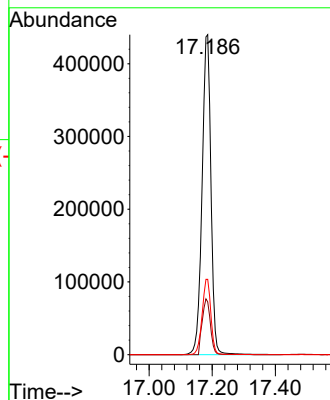
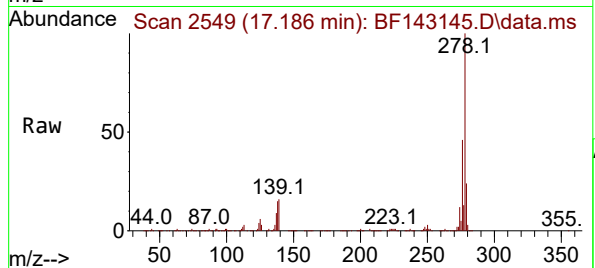
279 23.5 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#92

Benzo(g,h,i)perylene

Concen: 53.845 ng

RT: 17.633 min Scan# 2625

Delta R.T. 0.006 min

Lab File: BF143145.D

Acq: 17 Jul 2025 13:33

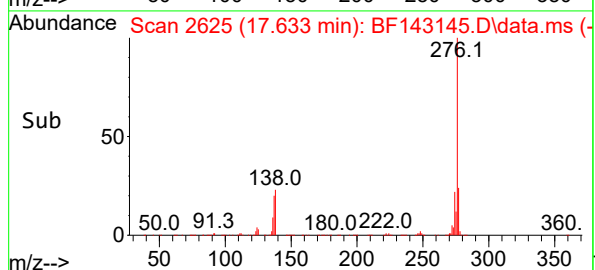
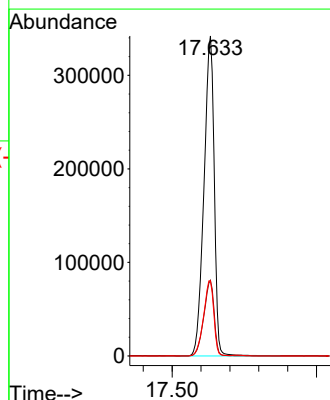
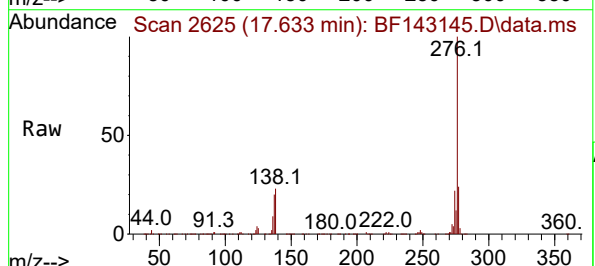
Tgt Ion:276 Resp: 843865

Ion Ratio Lower Upper

276 100

277 23.6 19.1 28.7

138 23.5 18.9 28.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
 Data File : BF143146.D
 Acq On : 17 Jul 2025 14:04
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

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

Quant Time: Jul 17 15:05:08 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 14:54:43 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	153150	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	573541	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	286544	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	442888	20.000	ng	0.00
76) Chrysene-d12	14.121	240	264384	20.000	ng	0.00
86) Perylene-d12	15.621	264	315904	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	1096776	113.327	ng	0.00
7) Phenol-d6	6.587	99	1384010	113.616	ng	0.00
23) Nitrobenzene-d5	7.528	82	1367018	118.809	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	354678	119.817	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	2274500	108.558	ng	0.00
79) Terphenyl-d14	13.069	244	1888544	106.298	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.805	88	268511	58.635	ng	99
3) Pyridine	3.581	79	700860	58.965	ng	99
4) n-Nitrosodimethylamine	3.534	42	369452	60.203	ng	99
6) Aniline	6.628	93	982918	57.896	ng	100
8) 2-Chlorophenol	6.751	128	589870	58.147	ng	98
9) Benzaldehyde	6.516	77	515585	56.445	ng	99
10) Phenol	6.604	94	769713m	58.002	ng	
11) bis(2-Chloroethyl)ether	6.698	93	588491	57.918	ng	99
12) 1,3-Dichlorobenzene	6.910	146	625605	56.769	ng	99
13) 1,4-Dichlorobenzene	6.981	146	623375	56.171	ng	98
14) 1,2-Dichlorobenzene	7.140	146	598571	56.708	ng	99
15) Benzyl Alcohol	7.098	79	548155	58.934	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.240	45	1076628	57.120	ng	98
17) 2-Methylphenol	7.210	107	498077	58.393	ng	99
18) Hexachloroethane	7.481	117	225488	58.691	ng	99
19) n-Nitroso-di-n-propyla...	7.381	70	437750	56.012	ng	100
20) 3+4-Methylphenols	7.363	107	582354	56.273	ng	96
22) Acetophenone	7.375	105	760969	56.041	ng	99
24) Nitrobenzene	7.545	77	641832	59.832	ng	99
25) Isophorone	7.787	82	1202506	59.202	ng	99
26) 2-Nitrophenol	7.857	139	304218	65.345	ng	97
27) 2,4-Dimethylphenol	7.892	122	548823	57.833	ng	99
28) bis(2-Chloroethoxy)met...	7.992	93	696403	57.184	ng	99
29) 2,4-Dichlorophenol	8.098	162	466809	58.329	ng	98
30) 1,2,4-Trichlorobenzene	8.187	180	498478	57.653	ng	99
31) Naphthalene	8.269	128	1575696	55.784	ng	99
32) Benzoic acid	8.010	122	321703	58.961	ng	99
33) 4-Chloroaniline	8.310	127	659467	57.178	ng	99
34) Hexachlorobutadiene	8.392	225	307552	58.230	ng	99
35) Caprolactam	8.692	113	145894	60.327	ng	100
36) 4-Chloro-3-methylphenol	8.787	107	506142	58.186	ng	99
37) 2-Methylnaphthalene	8.957	142	966031	56.203	ng	99
38) 1-Methylnaphthalene	9.057	142	997009	56.329	ng	100
40) 1,2,4,5-Tetrachloroben...	9.128	216	479450	57.955	ng	99
41) Hexachlorocyclopentadiene	9.116	237	337833	62.761	ng	99
43) 2,4,6-Trichlorophenol	9.234	196	344941	60.246	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
 Data File : BF143146.D
 Acq On : 17 Jul 2025 14:04
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

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

Quant Time: Jul 17 15:05:08 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 14:54:43 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	339656	59.305	ng	99
46) 1,1'-Biphenyl	9.422	154	1265588	56.610	ng	100
47) 2-Chloronaphthalene	9.451	162	948912	57.364	ng	100
48) 2-Nitroaniline	9.534	65	331501	63.904	ng	99
49) Acenaphthylene	9.863	152	1576240	56.860	ng	100
50) Dimethylphthalate	9.722	163	1075052	57.558	ng	100
51) 2,6-Dinitrotoluene	9.775	165	238103	62.665	ng	97
52) Acenaphthene	10.039	154	930883	56.814	ng	98
53) 3-Nitroaniline	9.945	138	273506	61.542	ng	100
54) 2,4-Dinitrophenol	10.045	184	101491	60.690	ng	72
55) Dibenzofuran	10.210	168	1364531	56.093	ng	100
56) 4-Nitrophenol	10.092	139	203477	61.312	ng	99
57) 2,4-Dinitrotoluene	10.181	165	304460	63.868	ng	97
58) Fluorene	10.551	166	997710	54.647	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.322	232	283124	59.678	ng	99
60) Diethylphthalate	10.422	149	1057851	57.301	ng	100
61) 4-Chlorophenyl-phenyle...	10.539	204	516980	56.867	ng	99
62) 4-Nitroaniline	10.563	138	232488	61.037	ng	98
63) Azobenzene	10.698	77	1098772	57.107	ng	99
65) 4,6-Dinitro-2-methylph...	10.592	198	144751	60.728	ng	98
66) n-Nitrosodiphenylamine	10.657	169	910468	58.380	ng	98
67) 4-Bromophenyl-phenylether	11.028	248	318085	60.266	ng	99
68) Hexachlorobenzene	11.104	284	325779	59.054	ng	96
69) Atrazine	11.181	200	262374	61.024	ng	100
70) Pentachlorophenol	11.286	266	206417	63.625	ng	98
71) Phenanthrene	11.510	178	1331485	56.620	ng	100
72) Anthracene	11.563	178	1379601	57.522	ng	100
73) Carbazole	11.710	167	1194026	57.015	ng	100
74) Di-n-butylphthalate	12.045	149	1392335	58.757	ng	100
75) Fluoranthene	12.698	202	1232952	57.122	ng	99
77) Benzidine	12.810	184	476553	46.785	ng	100
78) Pyrene	12.927	202	1207978	53.536	ng	99
80) Butylbenzylphthalate	13.539	149	441334	63.875	ng	99
81) Benzo(a)anthracene	14.110	228	1041236	58.825	ng	99
82) 3,3'-Dichlorobenzidine	14.069	252	348979	59.155	ng	100
83) Chrysene	14.151	228	930545	58.472	ng	100
84) Bis(2-ethylhexyl)phtha...	14.098	149	655482	62.678	ng	100
85) Di-n-octyl phthalate	14.716	149	1196044	63.095	ng	100
87) Indeno(1,2,3-cd)pyrene	17.168	276	1337361	60.037	ng	99
88) Benzo(b)fluoranthene	15.180	252	1125667	58.328	ng	100
89) Benzo(k)fluoranthene	15.216	252	1023132	59.411	ng	99
90) Benzo(a)pyrene	15.563	252	1062049	59.730	ng	99
91) Dibenzo(a,h)anthracene	17.192	278	1080768	59.610	ng	98
92) Benzo(g,h,i)perylene	17.639	276	1055168	60.163	ng	99

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

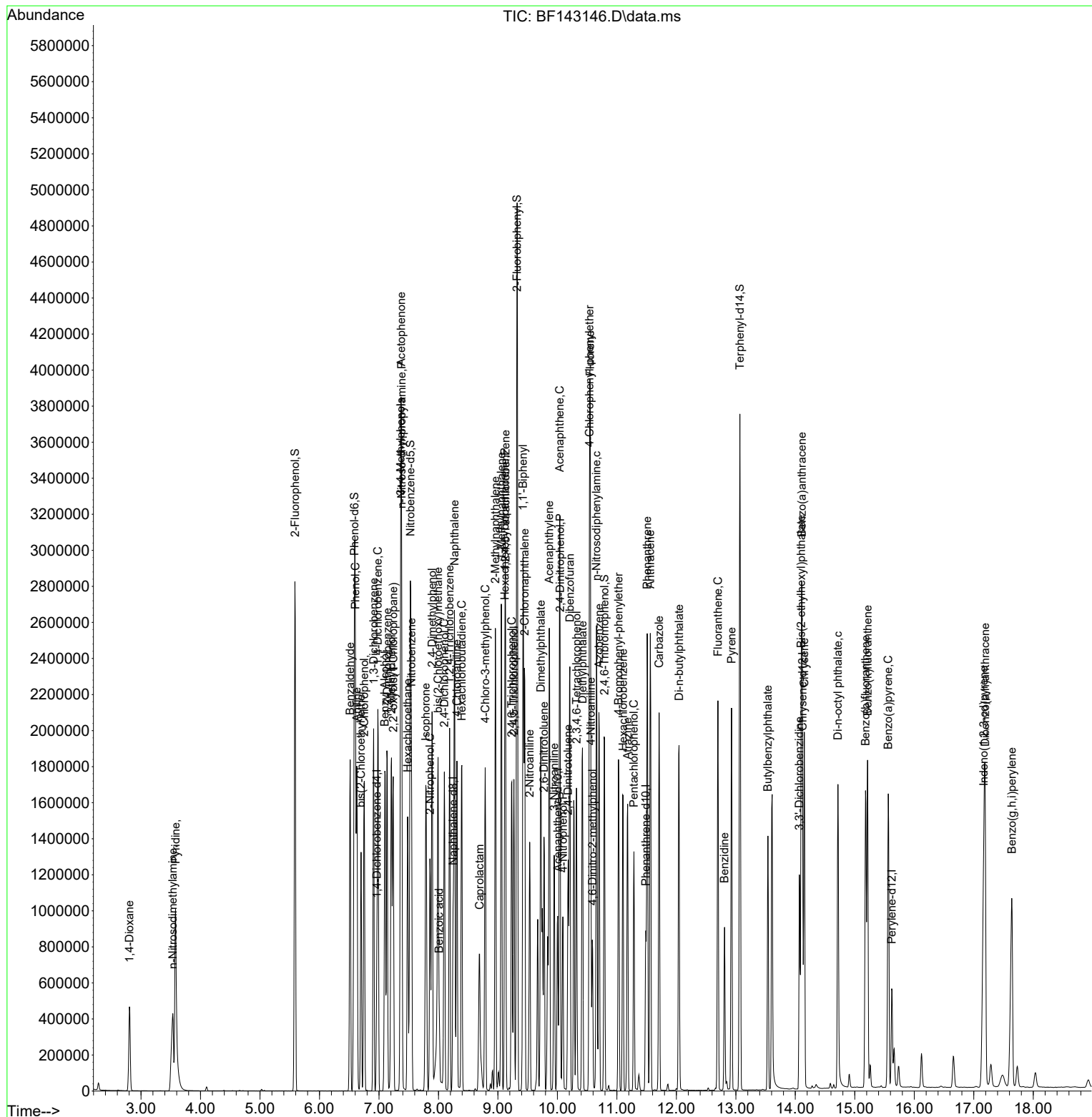
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143146.D
Acq On : 17 Jul 2025 14:04
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

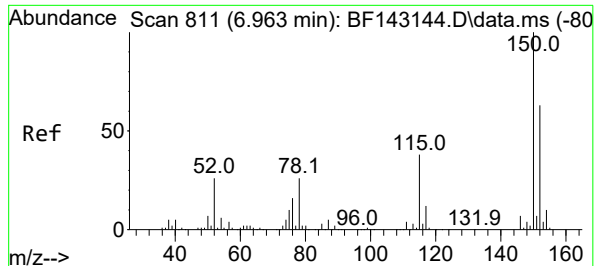
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

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

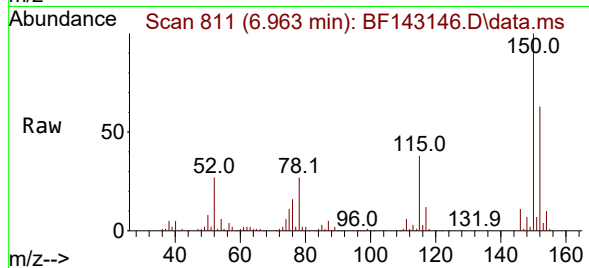
Quant Time: Jul 17 15:05:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

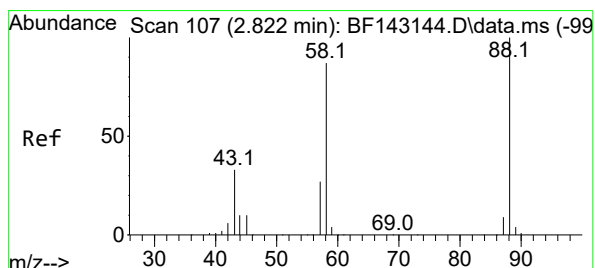
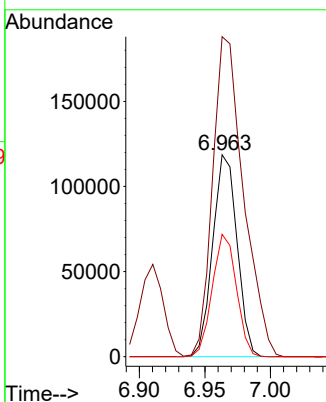
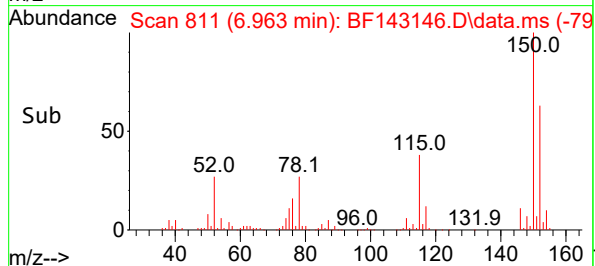
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:152 Resp: 153150
Ion Ratio Lower Upper
152 100
150 158.5 128.2 192.4
115 60.7 47.9 71.9

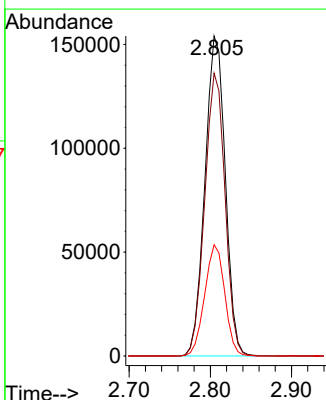
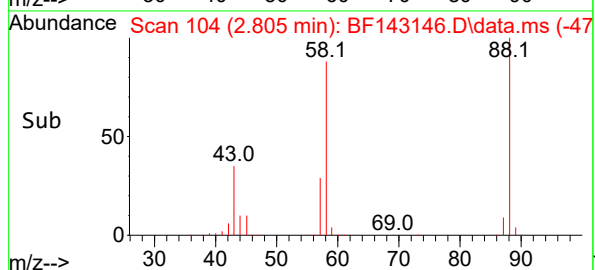
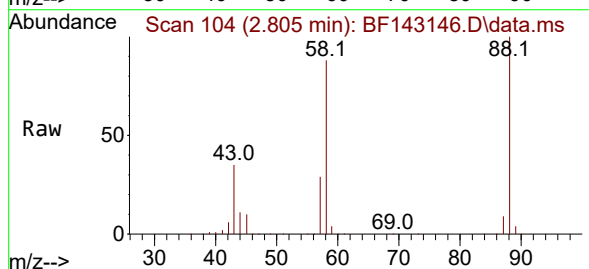
Manual Integrations
APPROVED

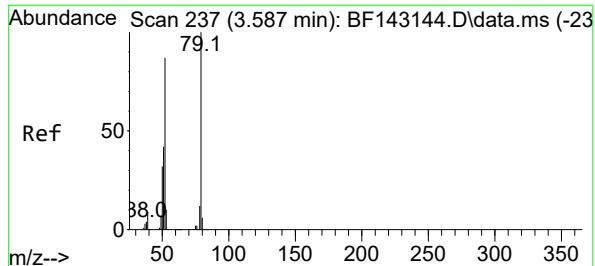
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#2
1,4-Dioxane
Concen: 58.635 ng
RT: 2.805 min Scan# 104
Delta R.T. -0.018 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

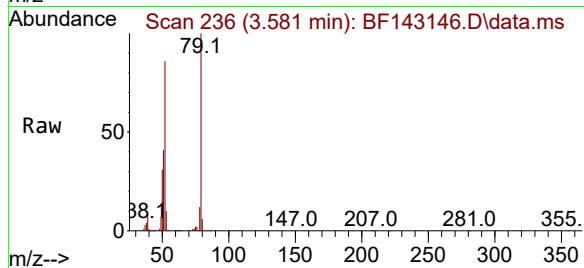
Tgt Ion: 88 Resp: 268511
Ion Ratio Lower Upper
88 100
58 88.2 70.2 105.2
43 34.2 27.1 40.7





#3
Pyridine
Concen: 58.965 ng
RT: 3.581 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

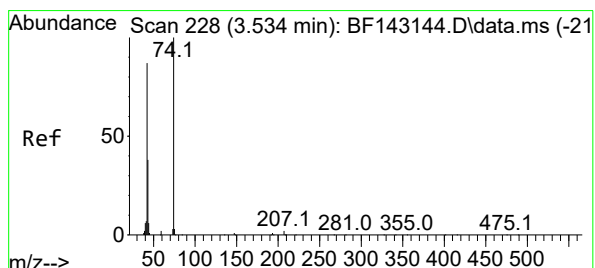
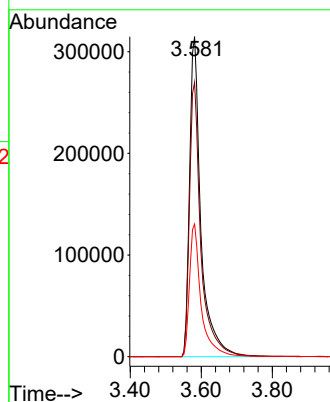
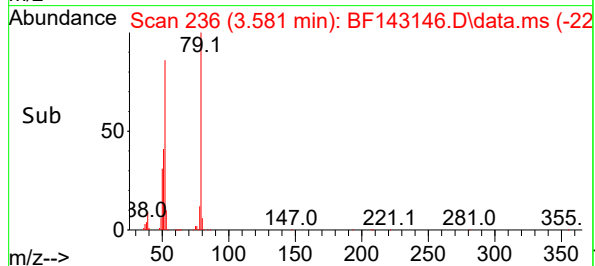
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion: 79 Resp: 700860
Ion Ratio Lower Upper
79 100
52 85.7 69.4 104.2
51 41.4 33.5 50.3

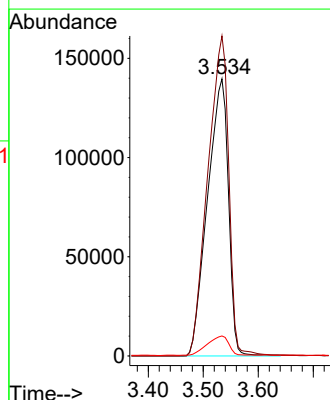
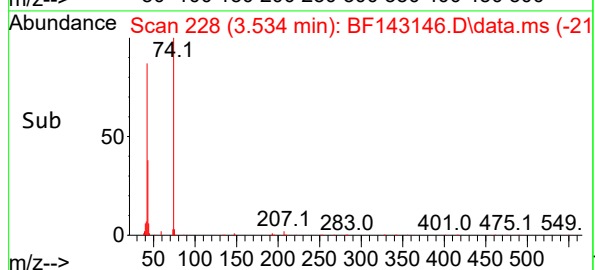
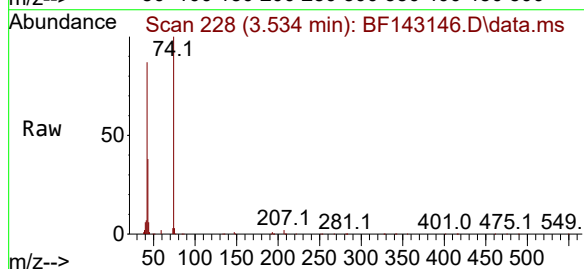
Manual Integrations
APPROVED

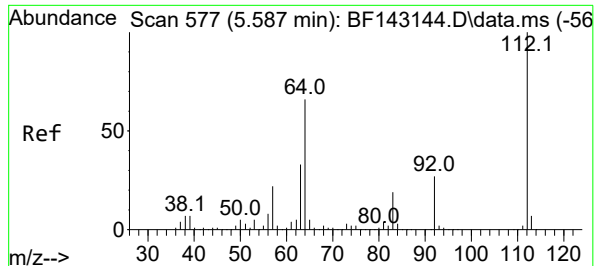
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#4
n-Nitrosodimethylamine
Concen: 60.203 ng
RT: 3.534 min Scan# 228
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

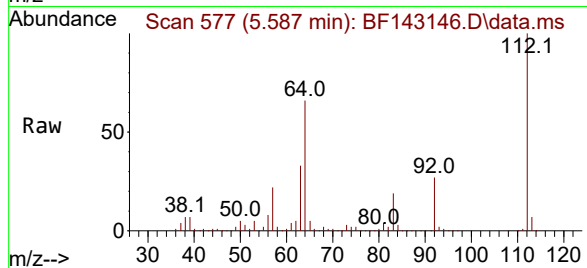
Tgt Ion: 42 Resp: 369452
Ion Ratio Lower Upper
42 100
74 115.5 91.7 137.5
44 7.2 5.6 8.4





#5
2-Fluorophenol
Concen: 113.327 ng
RT: 5.587 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

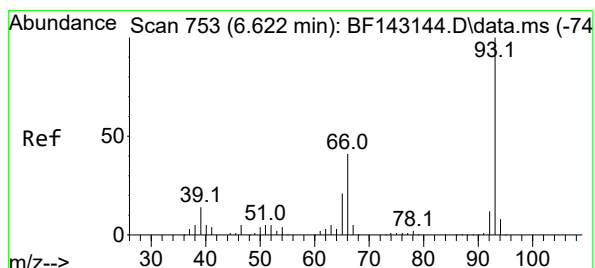
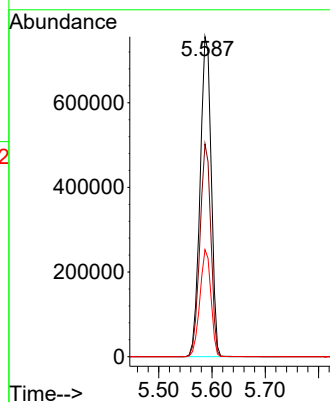
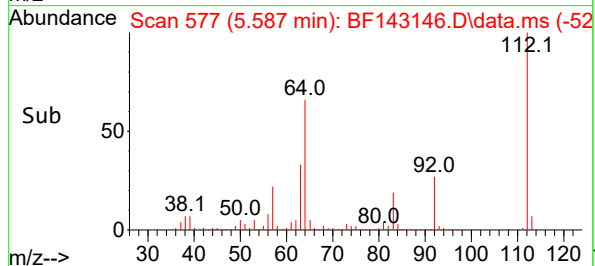
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:112 Resp: 1096770
Ion Ratio Lower Upper
112 100
64 66.5 53.1 79.7
63 33.4 26.6 40.0

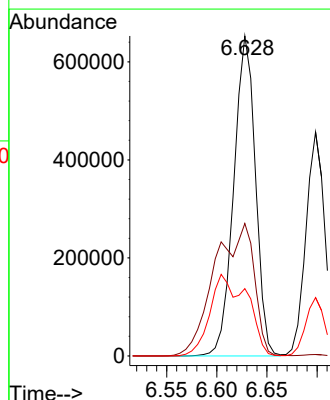
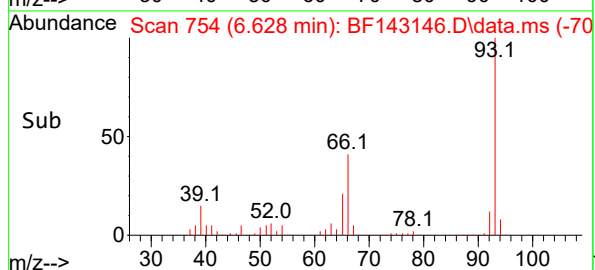
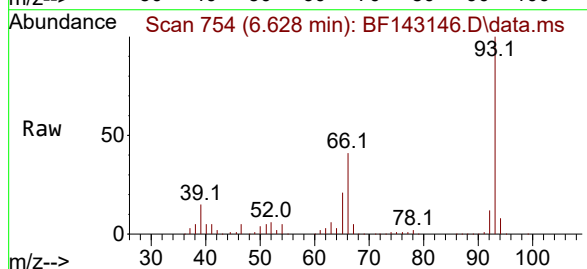
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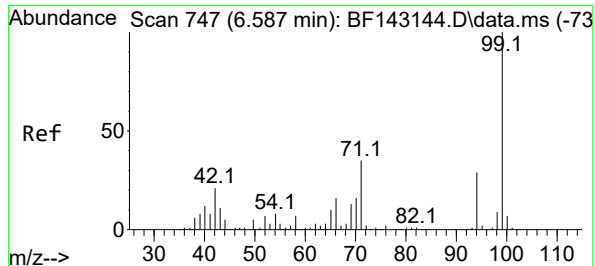
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#6
Aniline
Concen: 57.896 ng
RT: 6.628 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 93 Resp: 982918
Ion Ratio Lower Upper
93 100
66 41.4 33.2 49.8
65 21.0 16.9 25.3





#7

Phenol-d6

Concen: 113.616 ng

RT: 6.587 min Scan# 747

Delta R.T. 0.000 min

Lab File: BF143146.D

Acq: 17 Jul 2025 14:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 99 Resp: 1384010

Ion Ratio Lower Upper

99 100

42 21.4 17.0 25.6

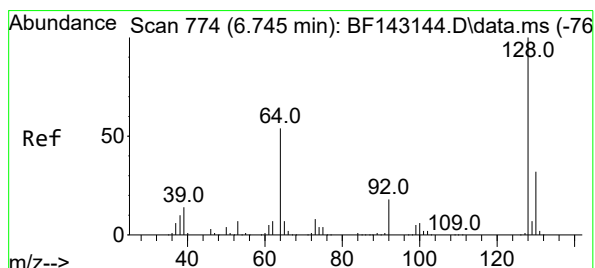
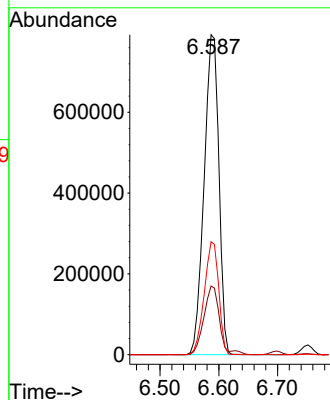
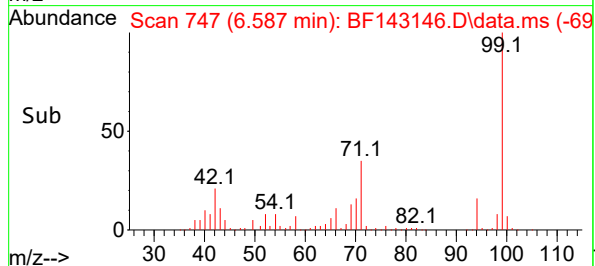
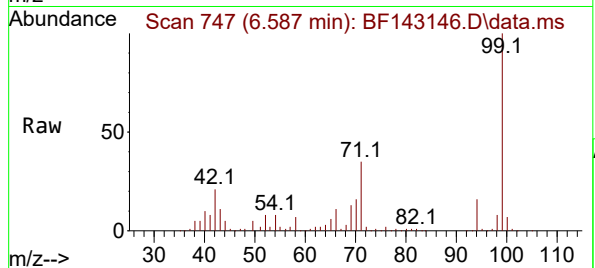
71 35.3 27.7 41.5

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#8

2-Chlorophenol

Concen: 58.147 ng

RT: 6.751 min Scan# 775

Delta R.T. 0.006 min

Lab File: BF143146.D

Acq: 17 Jul 2025 14:04

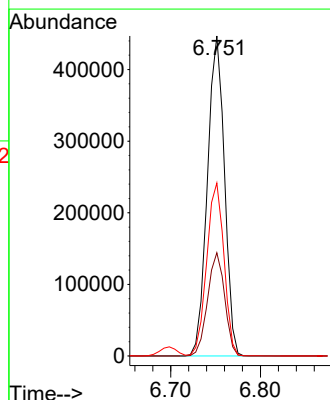
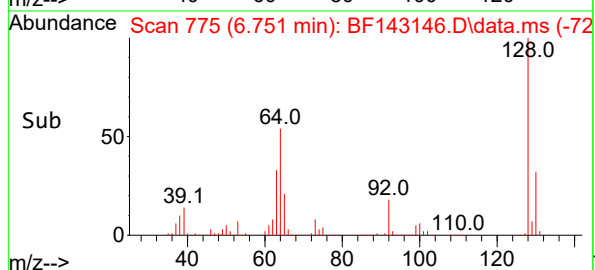
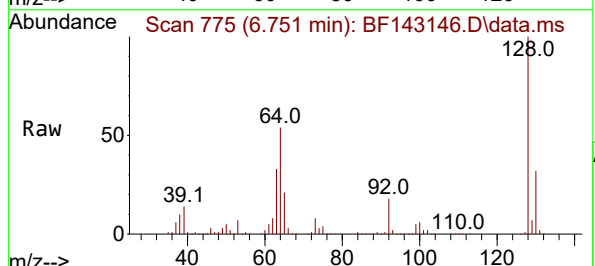
Tgt Ion:128 Resp: 589870

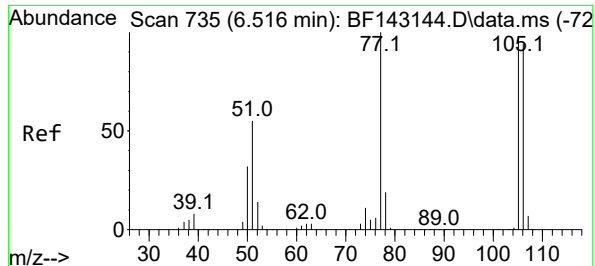
Ion Ratio Lower Upper

128 100

130 32.3 12.3 52.3

64 54.0 35.9 75.9





#9

Benzaldehyde

Concen: 56.445 ng

RT: 6.516 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF143146.D

Acq: 17 Jul 2025 14:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 77 Resp: 51558

Ion Ratio Lower Upper

77 100

105 96.1 76.8 116.8

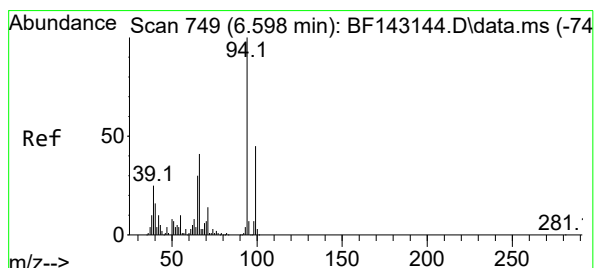
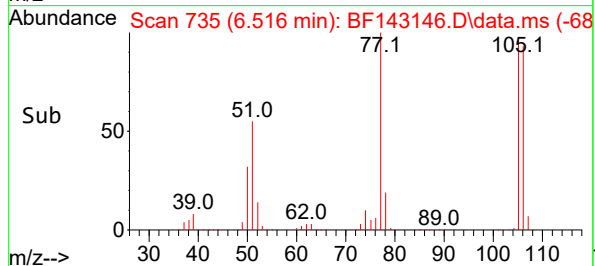
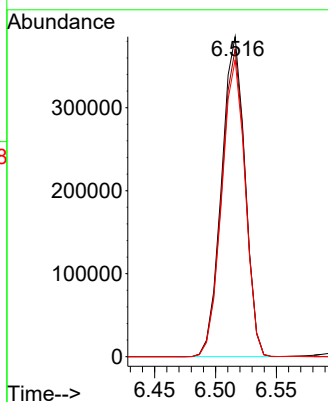
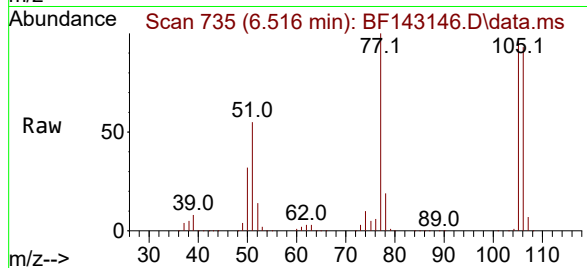
106 92.7 74.4 114.4

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#10

Phenol

Concen: 58.002 ng m

RT: 6.604 min Scan# 750

Delta R.T. 0.006 min

Lab File: BF143146.D

Acq: 17 Jul 2025 14:04

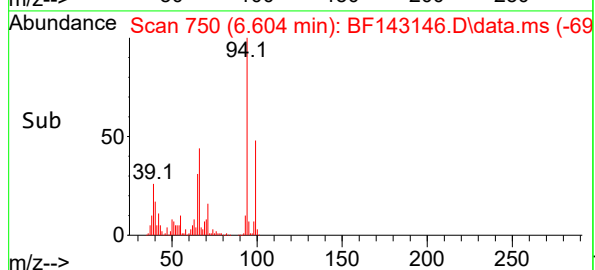
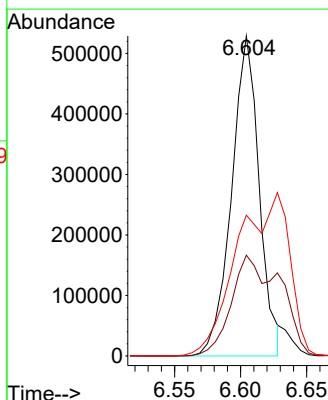
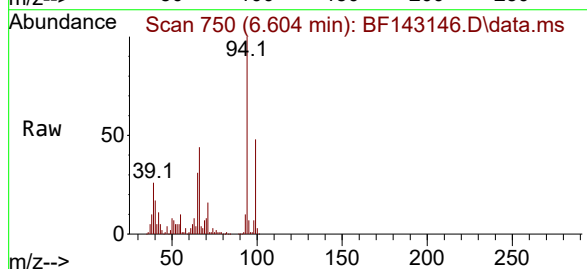
Tgt Ion: 94 Resp: 769713

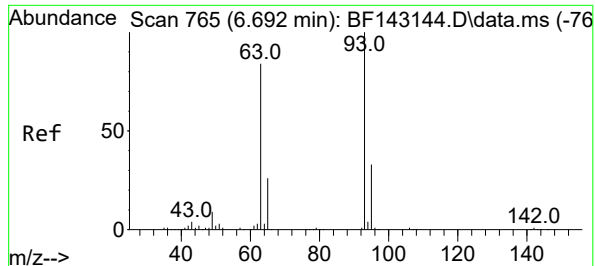
Ion Ratio Lower Upper

94 100

65 31.5 10.0 50.0

66 44.0 20.8 60.8





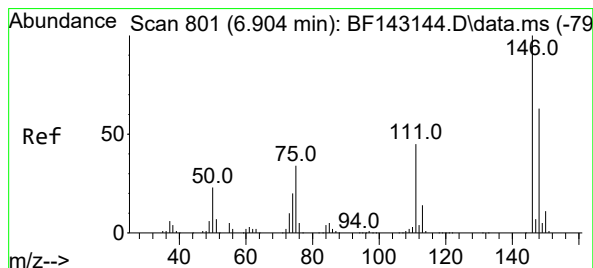
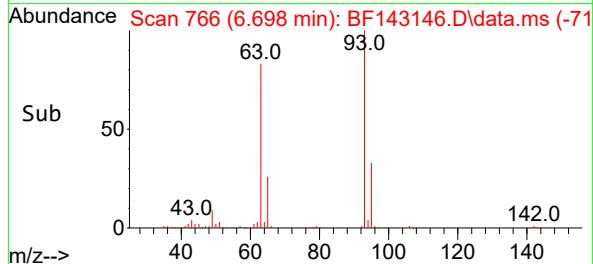
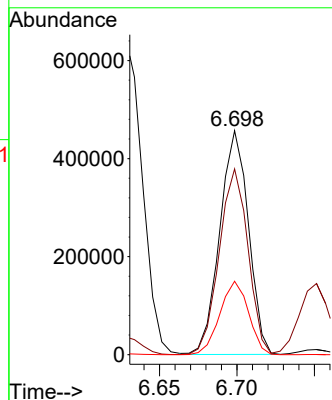
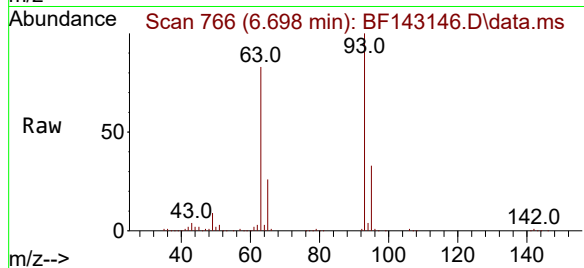
#11
bis(2-Chloroethyl)ether
Concen: 57.918 ng
RT: 6.698 min Scan# 766
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 93 Resp: 58849
Ion Ratio Lower Upper
93 100
63 82.9 63.4 103.4
95 32.8 12.4 52.4

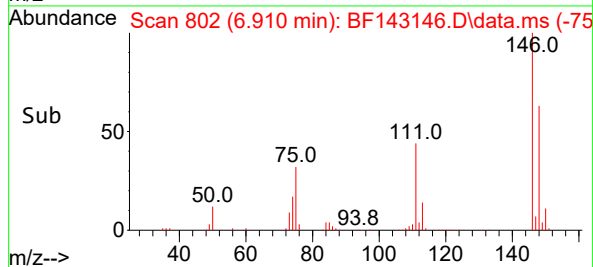
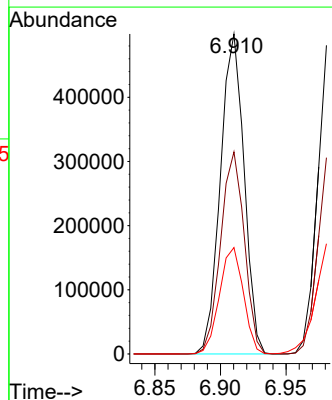
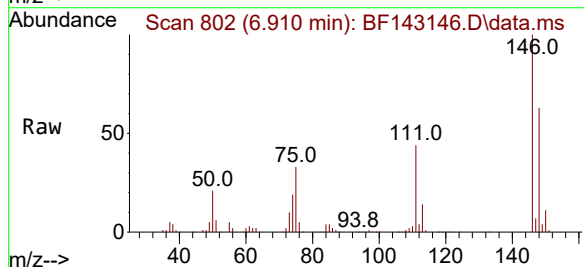
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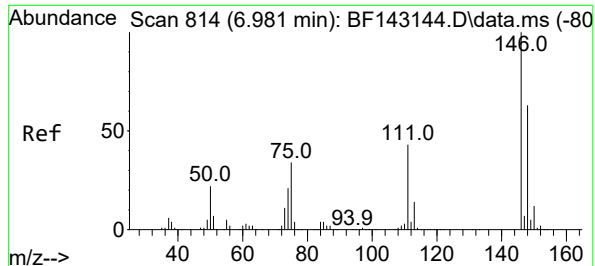
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#12
1,3-Dichlorobenzene
Concen: 56.769 ng
RT: 6.910 min Scan# 802
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:146 Resp: 625605
Ion Ratio Lower Upper
146 100
148 63.1 50.6 76.0
75 33.2 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 56.171 ng

RT: 6.981 min Scan# 814

Delta R.T. 0.000 min

Lab File: BF143146.D

Acq: 17 Jul 2025 14:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:146 Resp: 623375

Ion Ratio Lower Upper

146 100

148 63.6 50.3 75.5

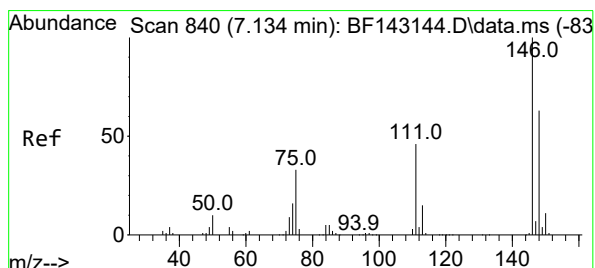
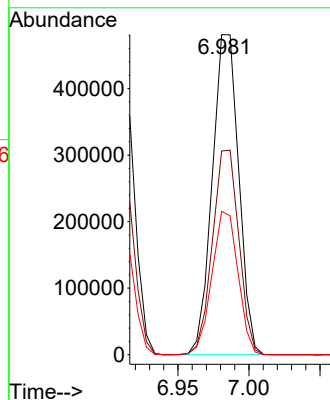
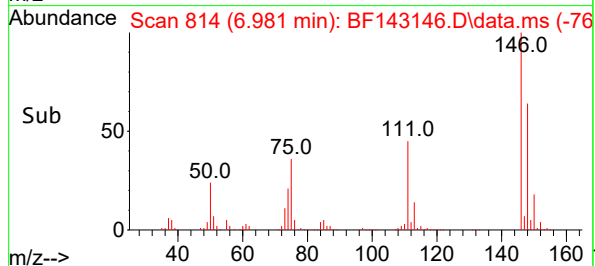
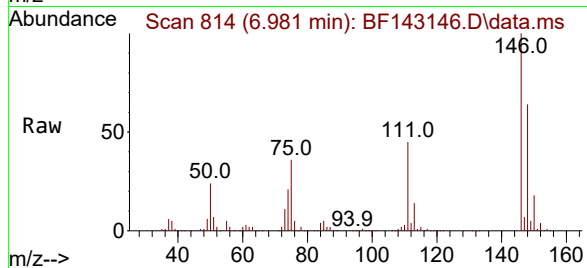
111 44.7 34.4 51.6

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#14

1,2-Dichlorobenzene

Concen: 56.708 ng

RT: 7.140 min Scan# 841

Delta R.T. 0.006 min

Lab File: BF143146.D

Acq: 17 Jul 2025 14:04

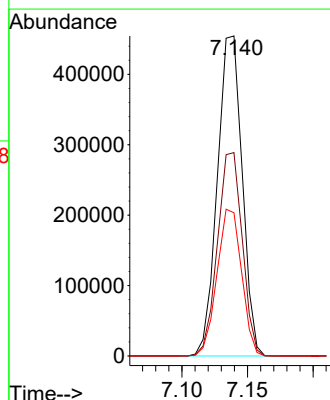
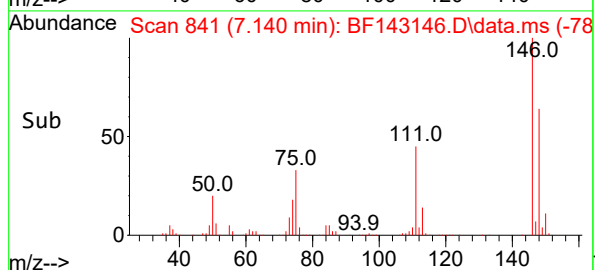
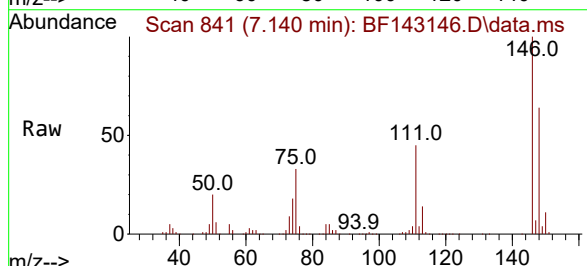
Tgt Ion:146 Resp: 598571

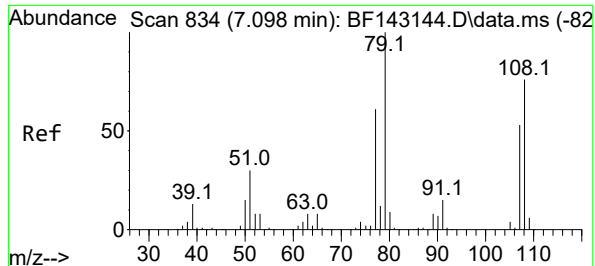
Ion Ratio Lower Upper

146 100

148 63.6 50.7 76.1

111 44.8 36.6 54.8





#15

Benzyl Alcohol

Concen: 58.934 ng

RT: 7.098 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF143146.D

Acq: 17 Jul 2025 14:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 79 Resp: 54815

Ion Ratio Lower Upper

79 100

108 74.2 61.1 91.7

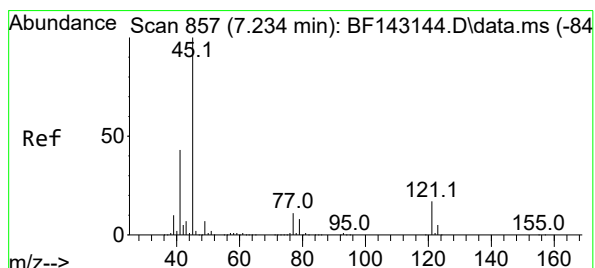
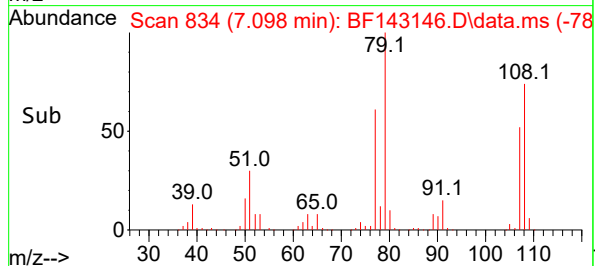
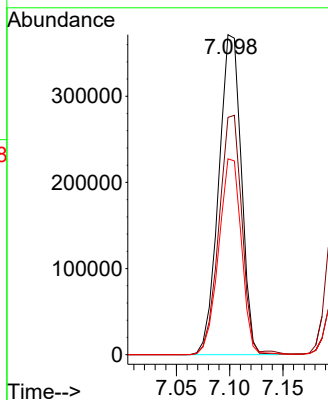
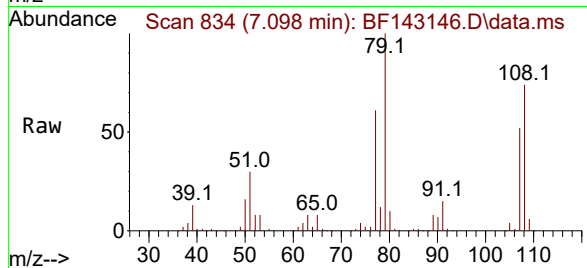
77 61.2 48.9 73.3

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#16

2,2'-oxybis(1-chloropropane)

Concen: 57.120 ng

RT: 7.240 min Scan# 858

Delta R.T. 0.006 min

Lab File: BF143146.D

Acq: 17 Jul 2025 14:04

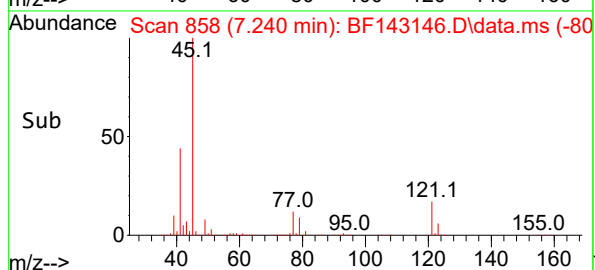
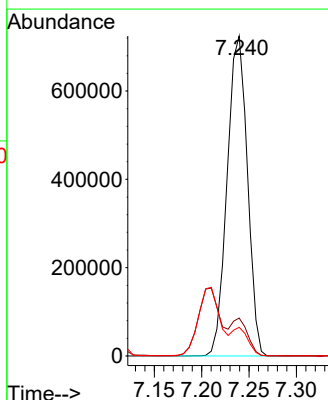
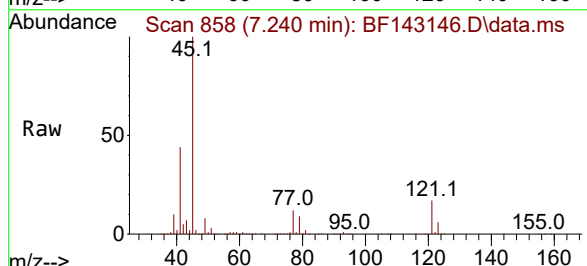
Tgt Ion: 45 Resp: 1076628

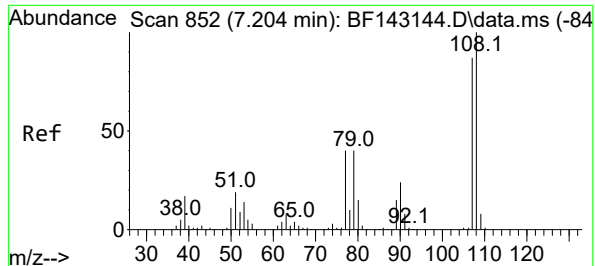
Ion Ratio Lower Upper

45 100

77 11.8 0.0 31.2

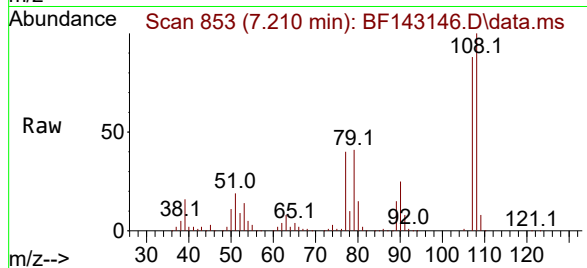
79 9.0 0.0 28.5





#17
2-Methylphenol
Concen: 58.393 ng
RT: 7.210 min Scan# 852
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

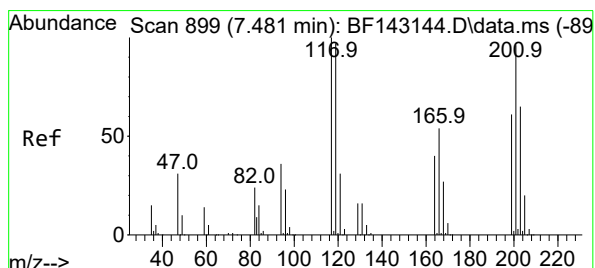
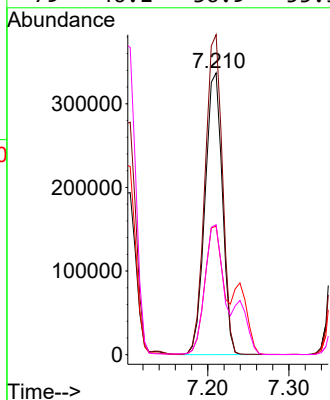
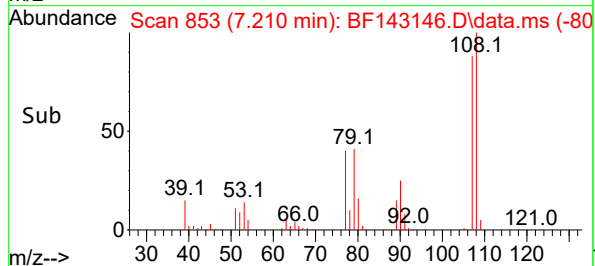
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:107 Resp: 498072
Ion Ratio Lower Upper
107 100
108 113.6 91.8 137.6
77 45.6 37.0 55.6
79 46.1 36.9 55.3

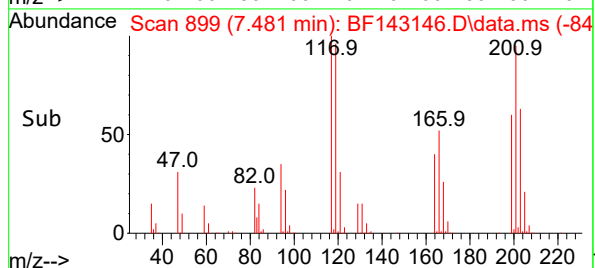
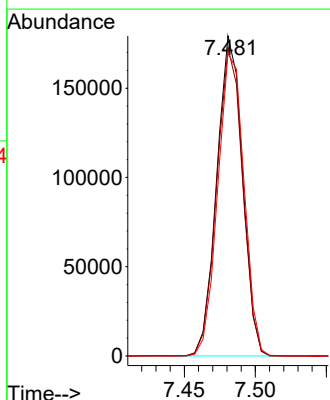
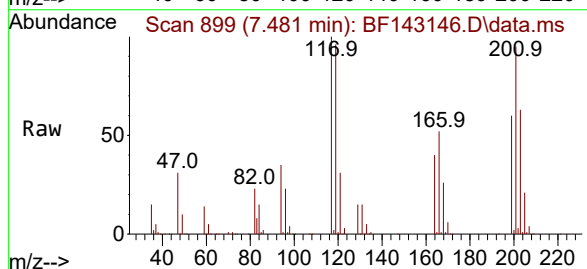
Manual Integrations
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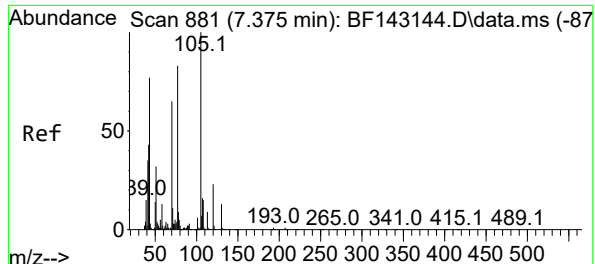
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#18
Hexachloroethane
Concen: 58.691 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:117 Resp: 225488
Ion Ratio Lower Upper
117 100
119 96.5 77.8 116.8
201 94.6 77.0 115.4





#19

n-Nitroso-di-n-propylamine

Concen: 56.012 ng

RT: 7.381 min Scan# 881

Delta R.T. 0.006 min

Lab File: BF143146.D

Acq: 17 Jul 2025 14:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 70 Resp: 437750

Ion Ratio Lower Upper

70 100

42 65.7 52.5 78.7

101 9.7 7.6 11.4

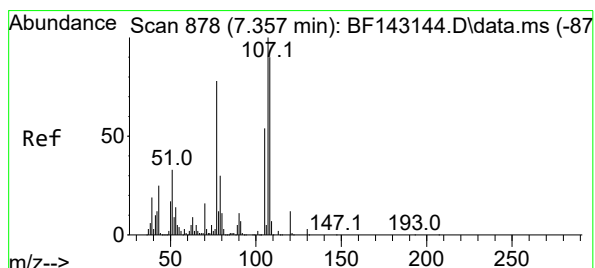
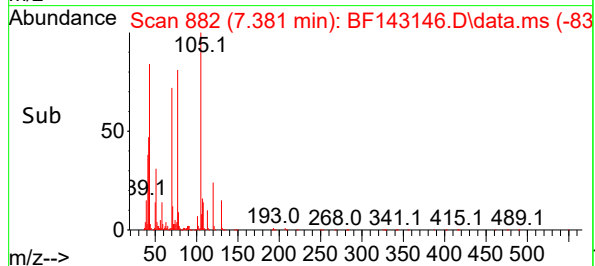
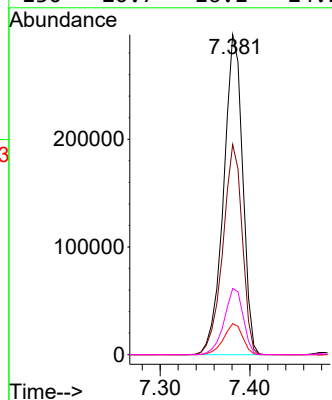
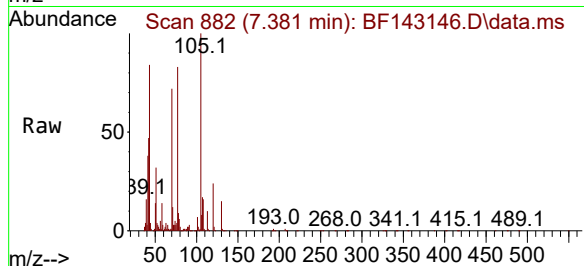
130 20.7 16.1 24.1

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#20

3+4-Methylphenols

Concen: 56.273 ng

RT: 7.363 min Scan# 879

Delta R.T. 0.006 min

Lab File: BF143146.D

Acq: 17 Jul 2025 14:04

Tgt Ion:107 Resp: 582354

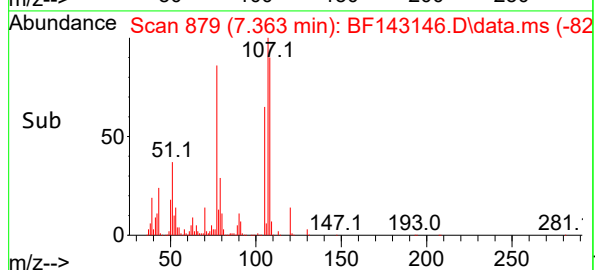
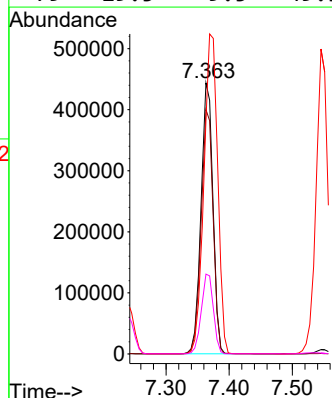
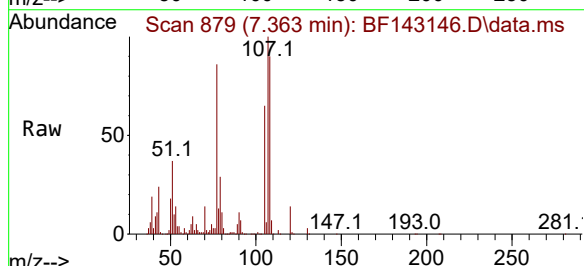
Ion Ratio Lower Upper

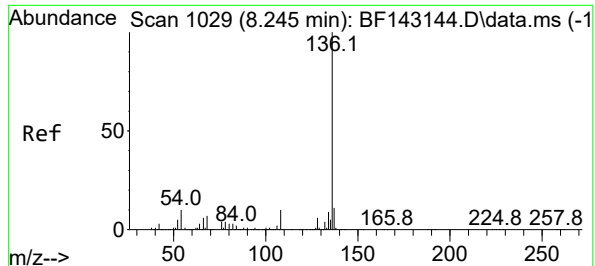
107 100

108 90.1 70.0 110.0

77 86.3 57.8 97.8

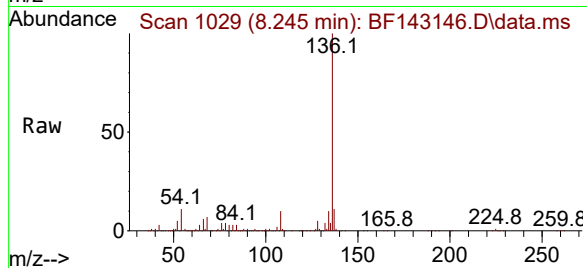
79 29.5 9.5 49.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

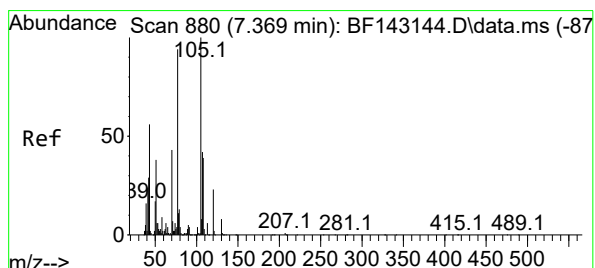
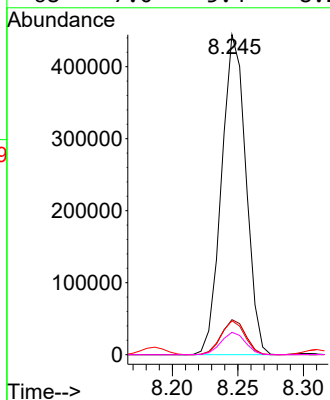
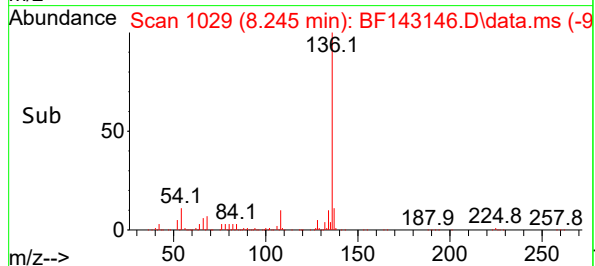
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:136 Resp: 57354
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 10.6 8.2 12.2
68 7.0 5.4 8.2

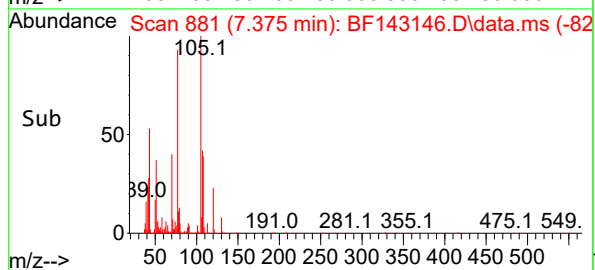
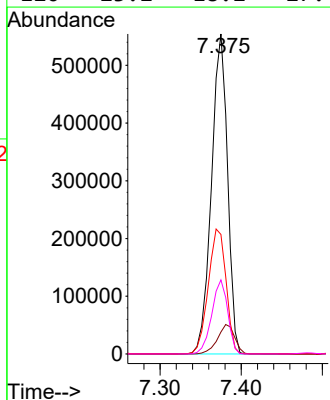
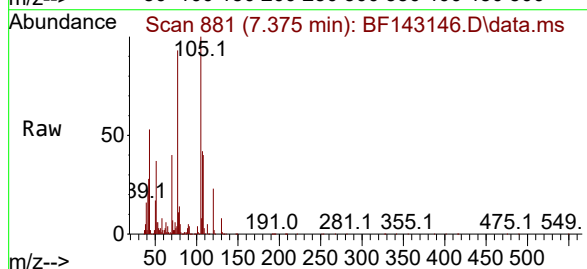
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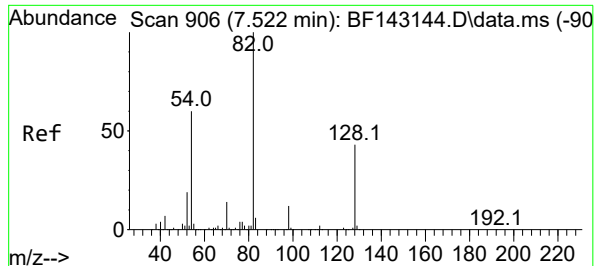
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#22
Acetophenone
Concen: 56.041 ng
RT: 7.375 min Scan# 881
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:105 Resp: 760969
Ion Ratio Lower Upper
105 100
71 6.9 5.8 8.6
51 37.4 30.2 45.2
120 23.2 18.2 27.4





#23

Nitrobenzene-d5

Concen: 118.809 ng

RT: 7.528 min Scan# 906

Delta R.T. 0.006 min

Lab File: BF143146.D

Acq: 17 Jul 2025 14:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 82 Resp: 1367018

Ion Ratio Lower Upper

82 100

128 43.1 33.6 50.4

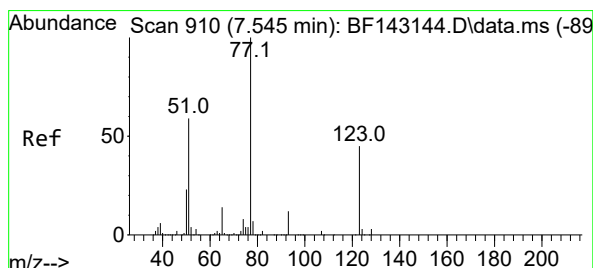
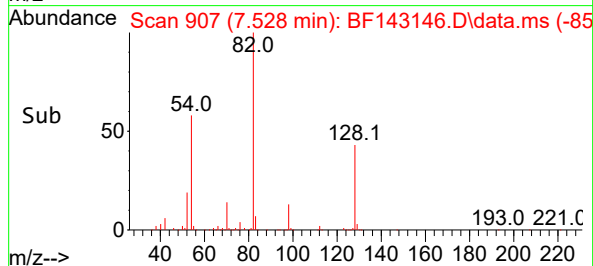
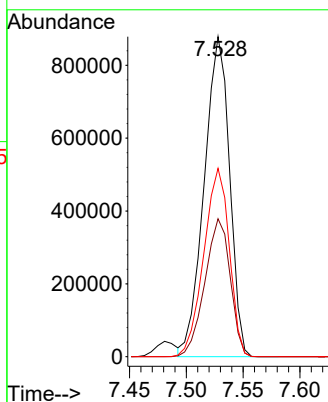
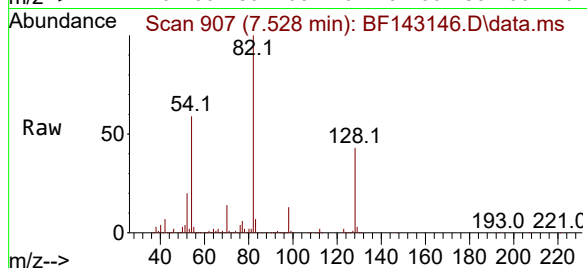
54 58.9 47.1 70.7

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#24

Nitrobenzene

Concen: 59.832 ng

RT: 7.545 min Scan# 910

Delta R.T. 0.000 min

Lab File: BF143146.D

Acq: 17 Jul 2025 14:04

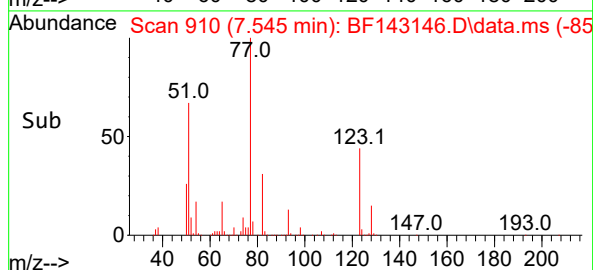
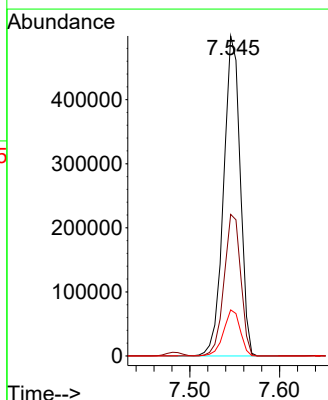
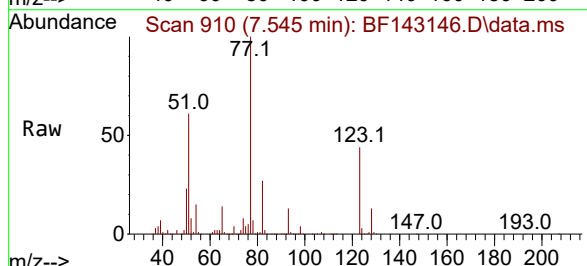
Tgt Ion: 77 Resp: 641832

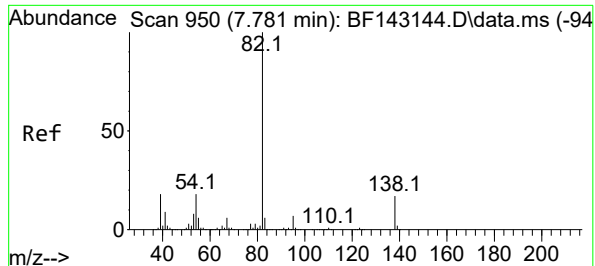
Ion Ratio Lower Upper

77 100

123 44.3 36.1 54.1

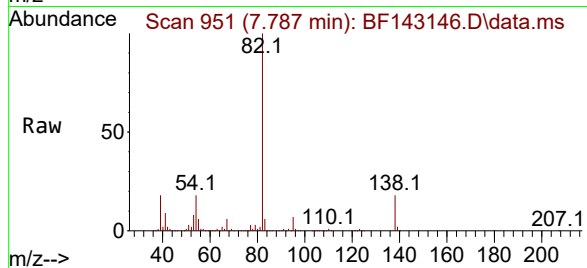
65 14.4 11.4 17.2





#25
Isophorone
Concen: 59.202 ng
RT: 7.787 min Scan# 951
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

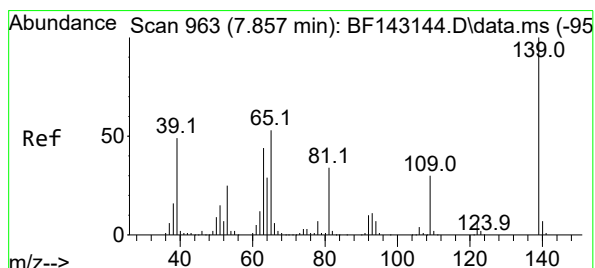
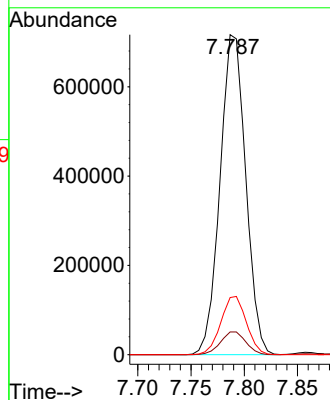
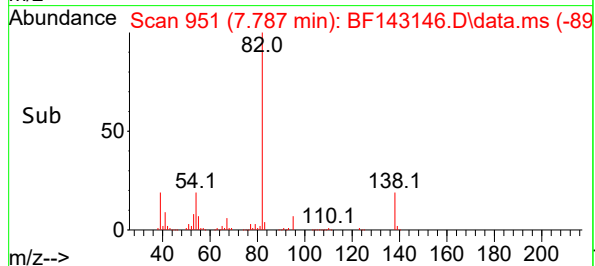
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



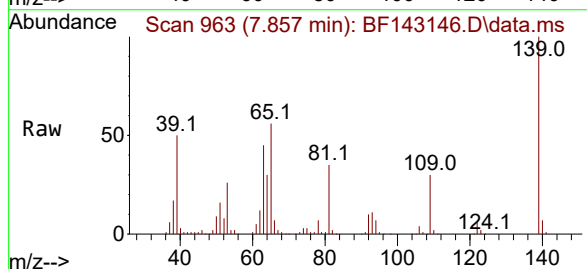
Tgt Ion: 82 Resp: 1202500
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 17.9 13.8 20.8

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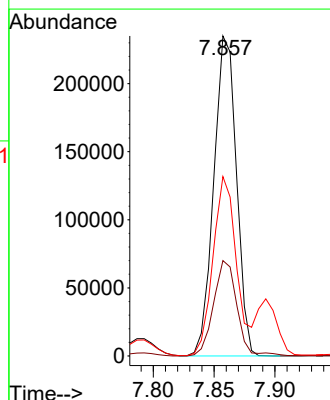
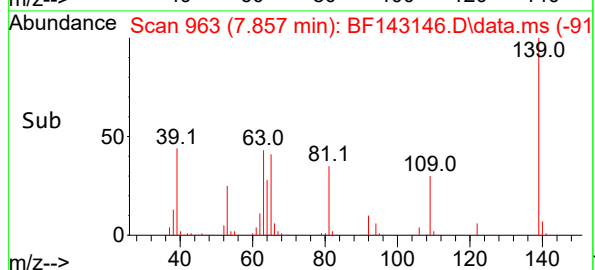
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

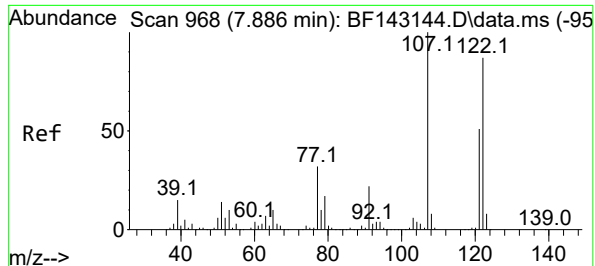


#26
2-Nitrophenol
Concen: 65.345 ng
RT: 7.857 min Scan# 963
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04



Tgt Ion:139 Resp: 304218
Ion Ratio Lower Upper
139 100
109 29.8 23.6 35.4
65 56.0 42.6 64.0





#27

2,4-Dimethylphenol

Concen: 57.833 ng

RT: 7.892 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF143146.D

Acq: 17 Jul 2025 14:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:122 Resp: 54882

Ion Ratio Lower Upper

122 100

107 116.0 91.8 137.6

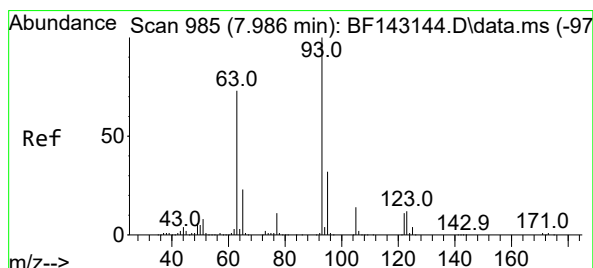
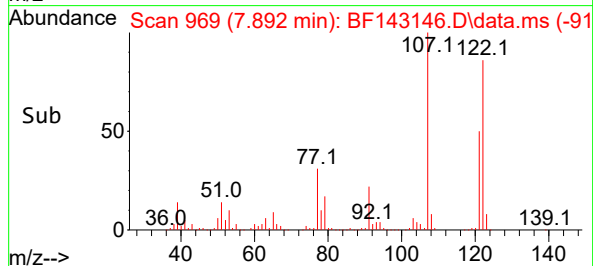
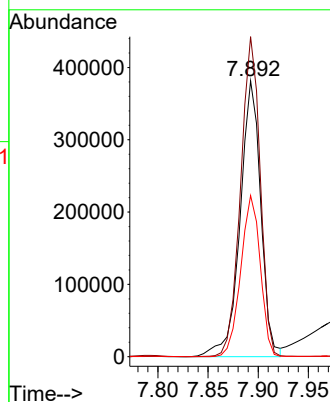
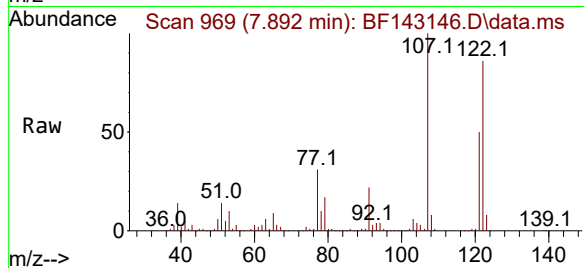
121 58.4 46.3 69.5

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#28

bis(2-Chloroethoxy)methane

Concen: 57.184 ng

RT: 7.992 min Scan# 986

Delta R.T. 0.006 min

Lab File: BF143146.D

Acq: 17 Jul 2025 14:04

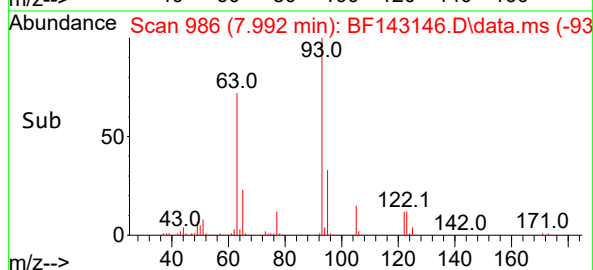
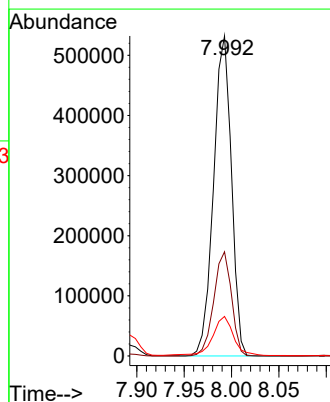
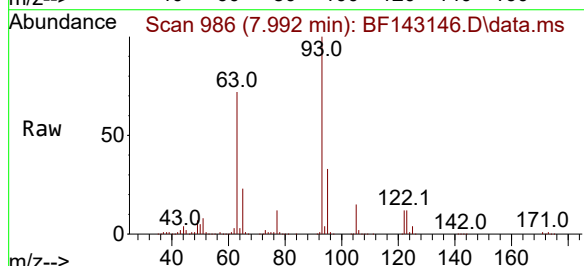
Tgt Ion: 93 Resp: 696403

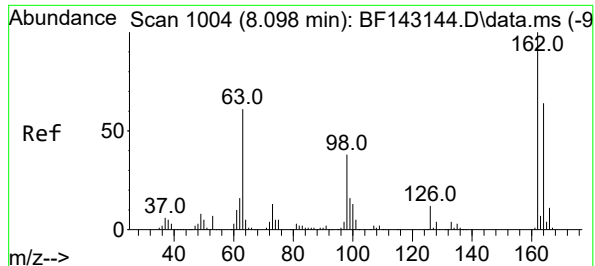
Ion Ratio Lower Upper

93 100

95 32.6 25.8 38.6

123 12.4 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 58.329 ng

RT: 8.098 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BF143146.D

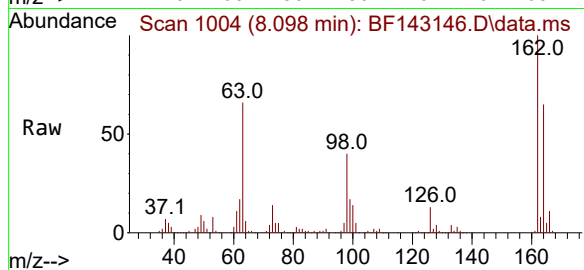
Acq: 17 Jul 2025 14:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



Tgt Ion:162 Resp: 466809

Ion Ratio Lower Upper

162 100

164 64.9 44.2 84.2

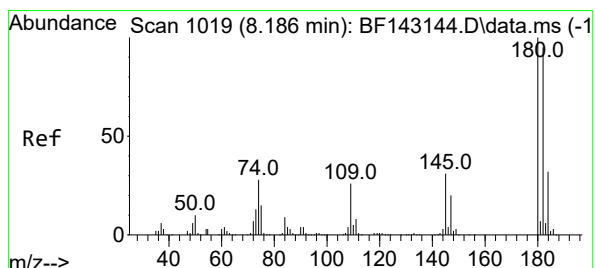
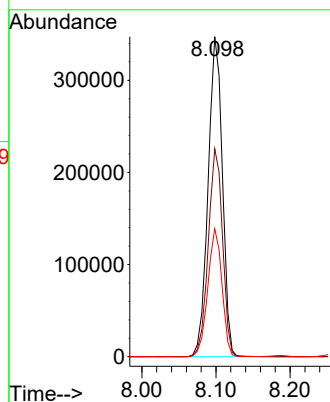
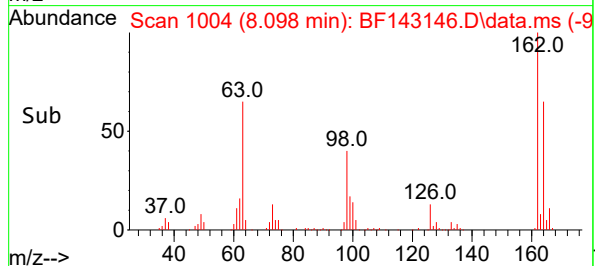
98 39.9 17.9 57.9

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#30

1,2,4-Trichlorobenzene

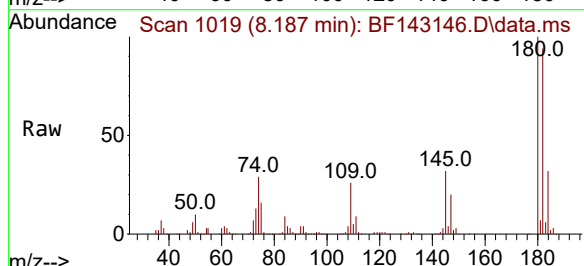
Concen: 57.653 ng

RT: 8.187 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF143146.D

Acq: 17 Jul 2025 14:04



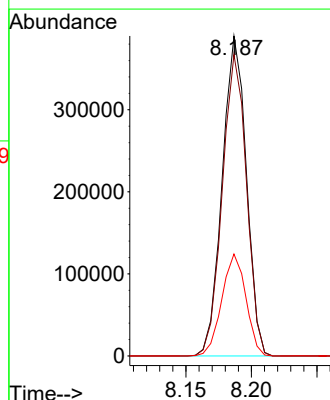
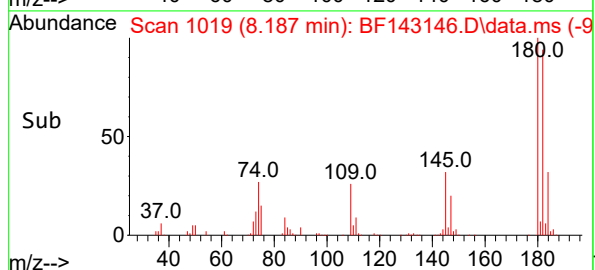
Tgt Ion:180 Resp: 498478

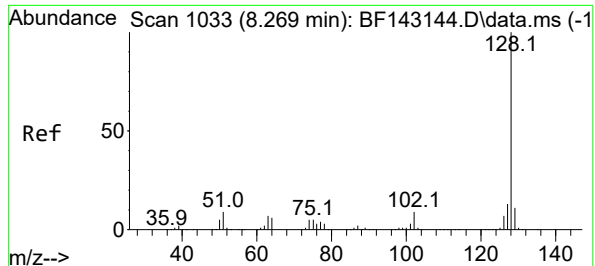
Ion Ratio Lower Upper

180 100

182 94.2 76.2 114.2

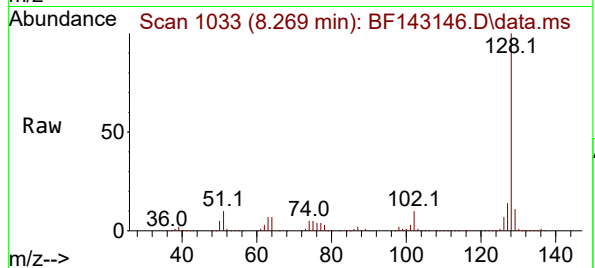
145 31.8 25.0 37.6





#31
Naphthalene
Concen: 55.784 ng
RT: 8.269 min Scan# 1033
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

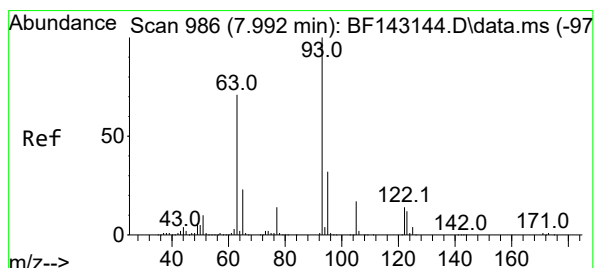
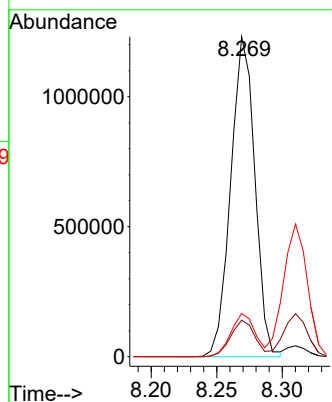
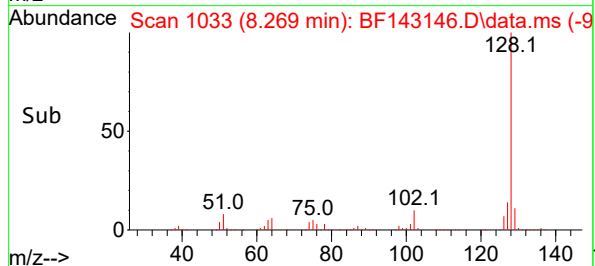
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:128 Resp: 1575690
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.4
127 13.5 10.6 16.0

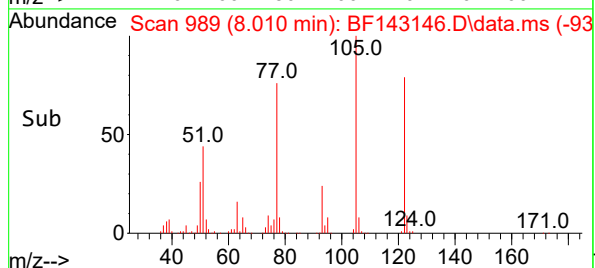
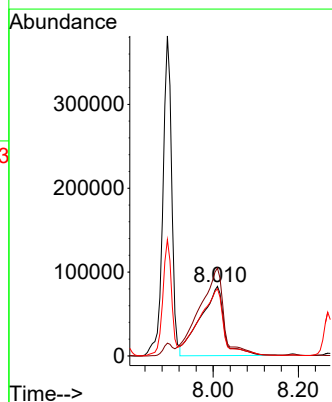
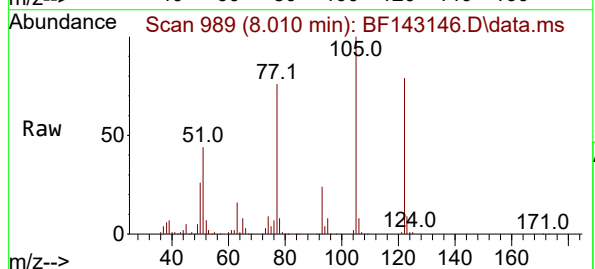
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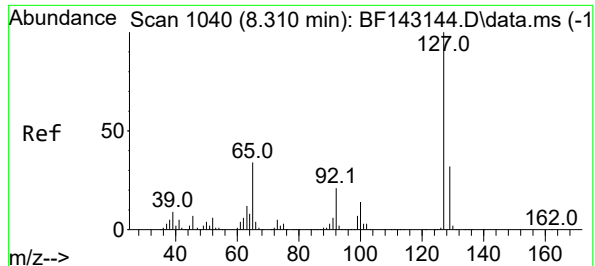
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#32
Benzoic acid
Concen: 58.961 ng
RT: 8.010 min Scan# 989
Delta R.T. 0.018 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

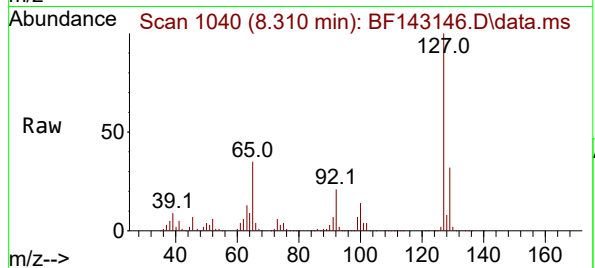
Tgt Ion:122 Resp: 321703
Ion Ratio Lower Upper
122 100
105 126.3 104.8 144.8
77 96.5 77.6 117.6





#33
4-Chloroaniline
Concen: 57.178 ng
RT: 8.310 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

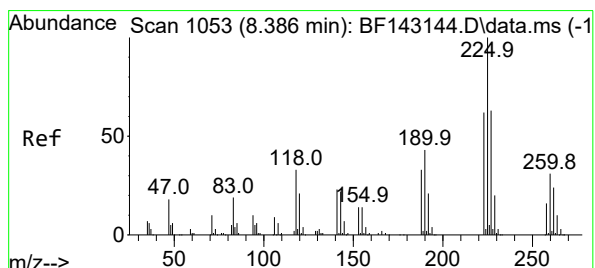
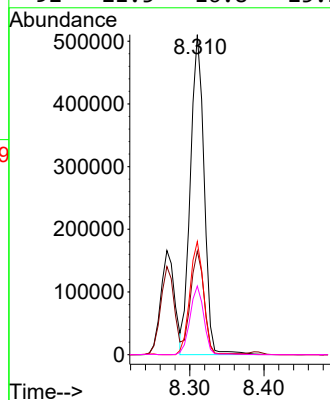
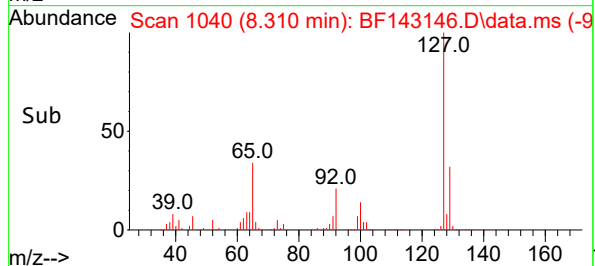
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



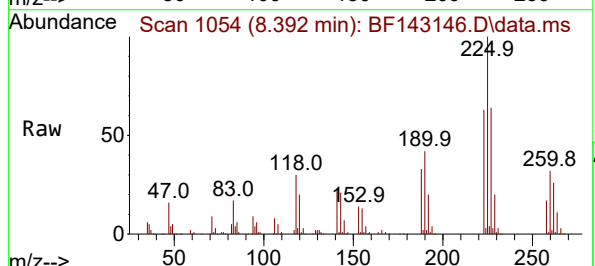
Tgt Ion:127 Resp: 65946
Ion Ratio Lower Upper
127 100
129 32.4 26.0 39.0
65 35.3 27.4 41.2
92 21.5 16.8 25.2

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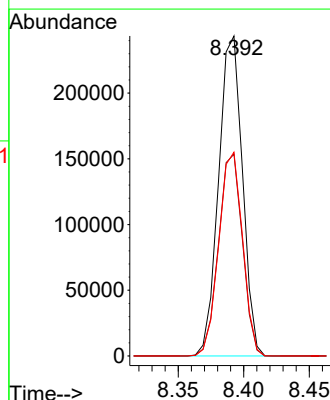
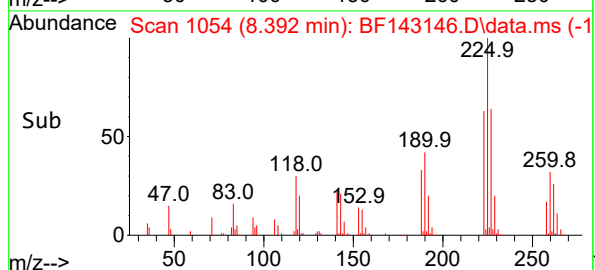
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

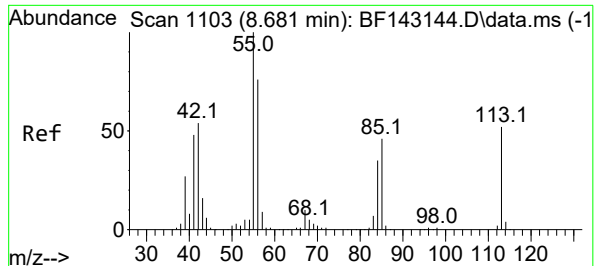


#34
Hexachlorobutadiene
Concen: 58.230 ng
RT: 8.392 min Scan# 1054
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04



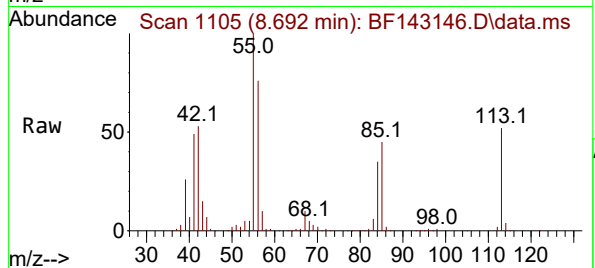
Tgt Ion:225 Resp: 307552
Ion Ratio Lower Upper
225 100
223 63.0 49.8 74.6
227 63.7 50.2 75.4





#35
Caprolactam
Concen: 60.327 ng
RT: 8.692 min Scan# 1105
Delta R.T. 0.012 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

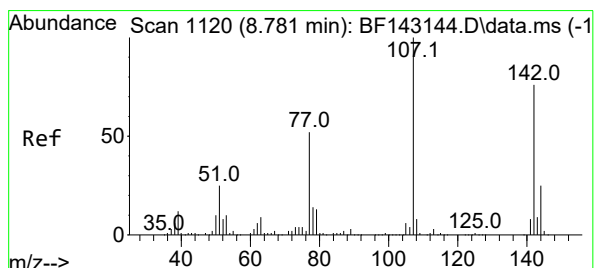
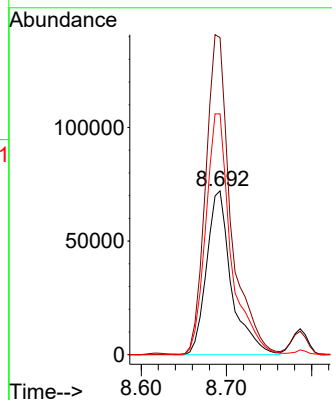
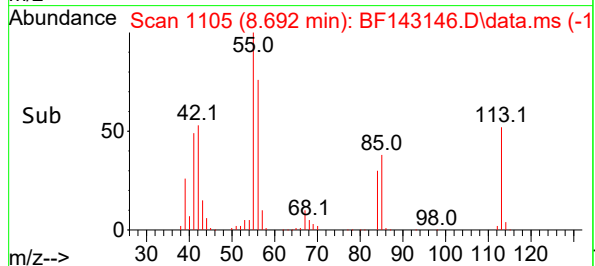
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



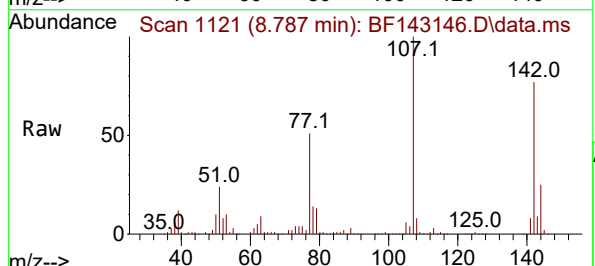
Tgt Ion:113 Resp: 145894
Ion Ratio Lower Upper
113 100
55 193.5 174.0 214.0
56 146.9 126.6 166.6

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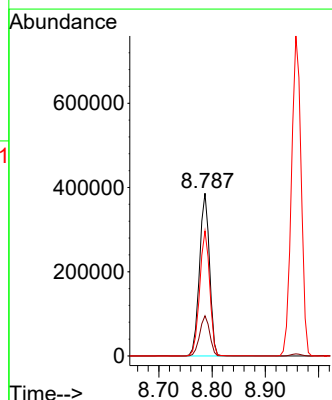
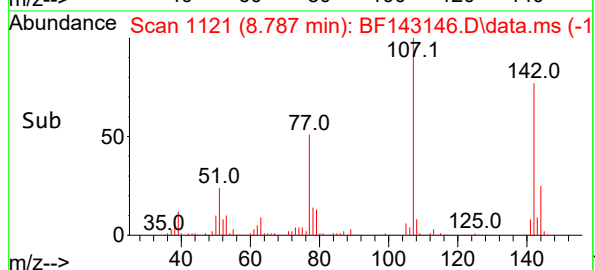
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

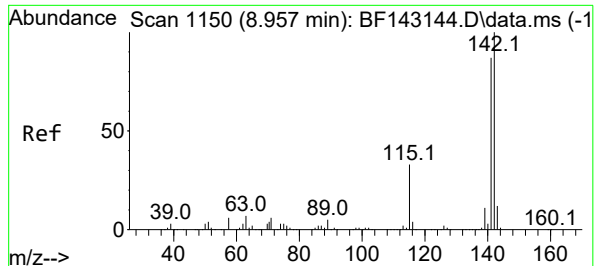


#36
4-Chloro-3-methylphenol
Concen: 58.186 ng
RT: 8.787 min Scan# 1121
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04



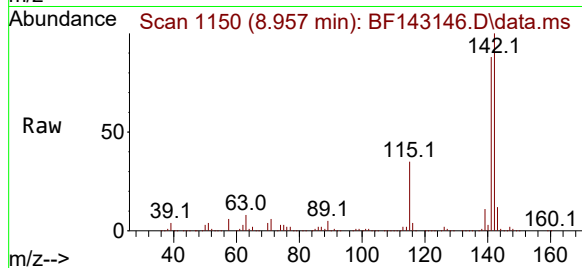
Tgt Ion:107 Resp: 506142
Ion Ratio Lower Upper
107 100
144 24.7 19.8 29.6
142 76.9 60.6 90.8





#37
2-Methylnaphthalene
Concen: 56.203 ng
RT: 8.957 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

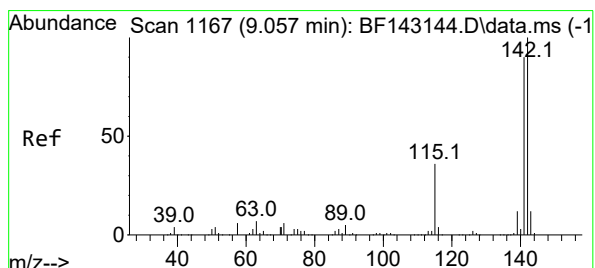
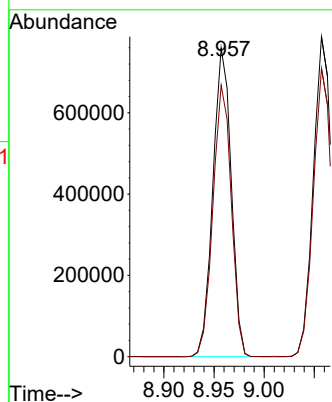
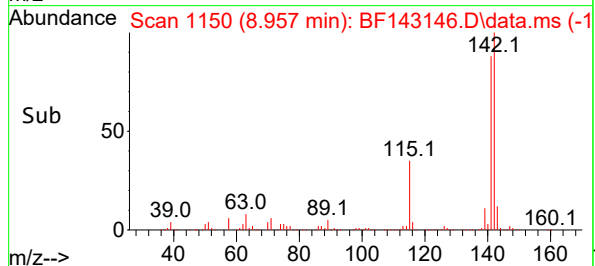
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:142 Resp: 96603
Ion Ratio Lower Upper
142 100
141 87.9 69.9 104.9

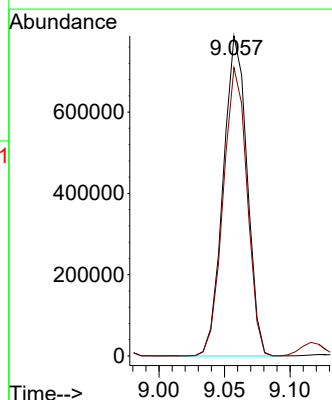
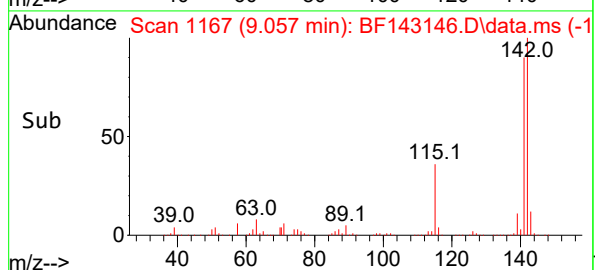
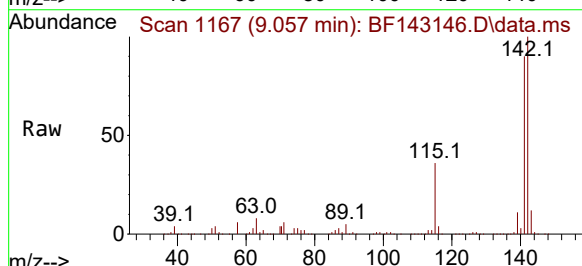
Manual Integrations
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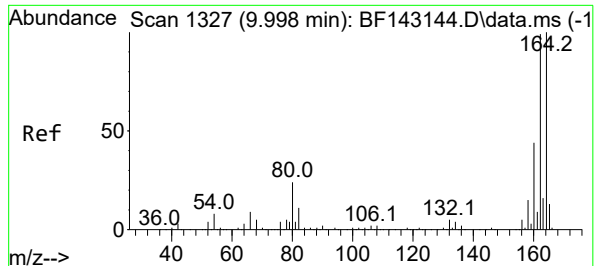
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#38
1-Methylnaphthalene
Concen: 56.329 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:142 Resp: 997009
Ion Ratio Lower Upper
142 100
141 90.1 72.3 108.5





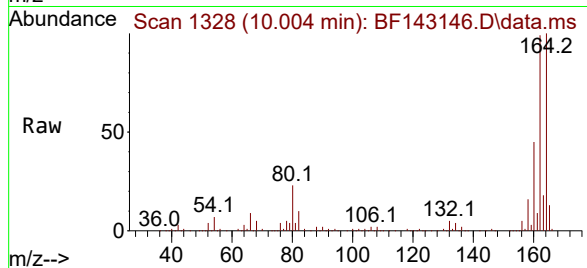
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1178
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

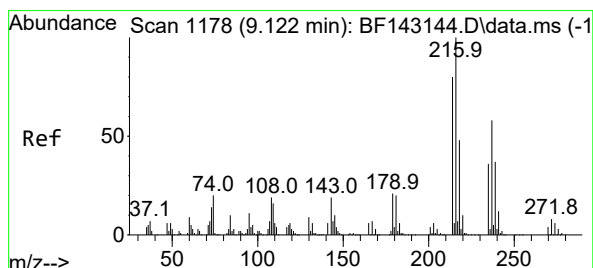
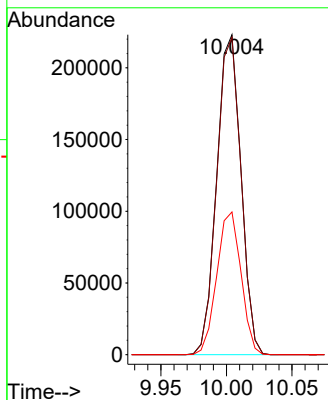
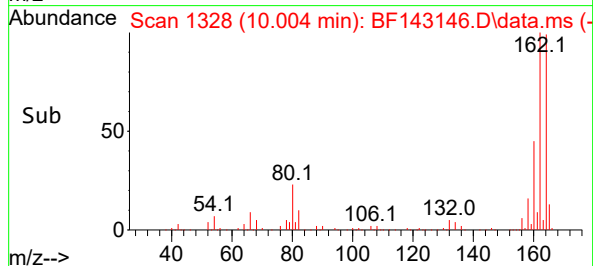


Tgt Ion:164 Resp: 286544
Ion Ratio Lower Upper
164 100
162 99.1 79.0 118.6
160 44.6 35.1 52.7

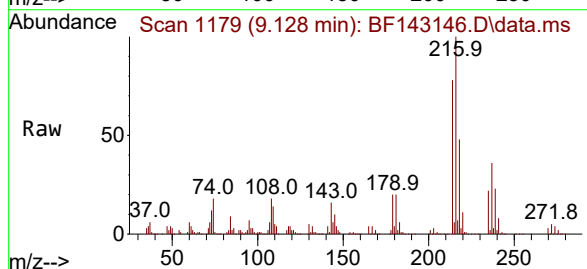
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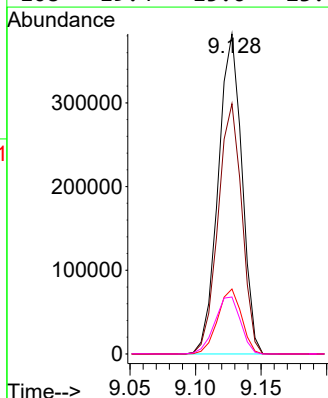
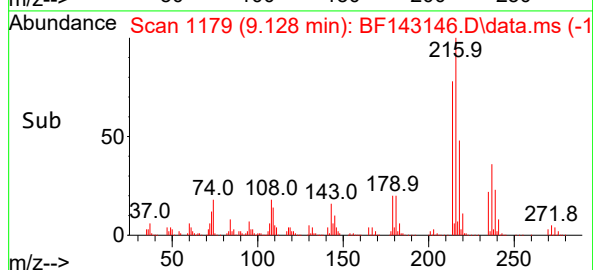
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

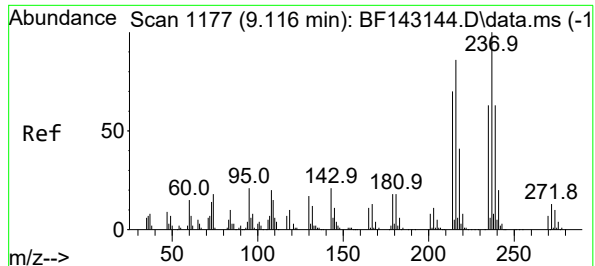


#40
1,2,4,5-Tetrachlorobenzene
Concen: 57.955 ng
RT: 9.128 min Scan# 1179
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04



Tgt Ion:216 Resp: 479450
Ion Ratio Lower Upper
216 100
214 78.4 63.8 95.8
179 20.4 16.4 24.6
108 19.4 15.6 23.4





#41

Hexachlorocyclopentadiene

Concen: 62.761 ng

RT: 9.116 min Scan# 1177

Delta R.T. 0.000 min

Lab File: BF143146.D

Acq: 17 Jul 2025 14:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:237 Resp: 33783

Ion Ratio Lower Upper

237 100

235 63.4 43.0 83.0

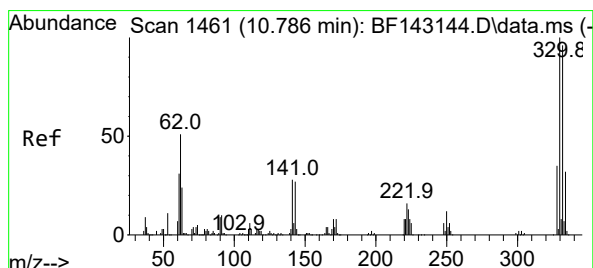
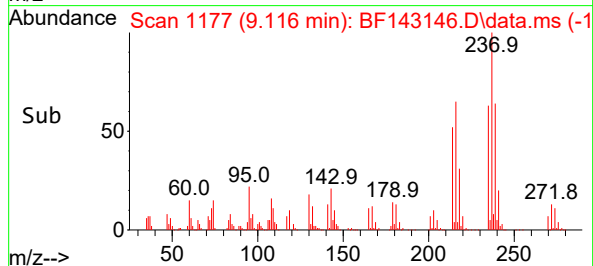
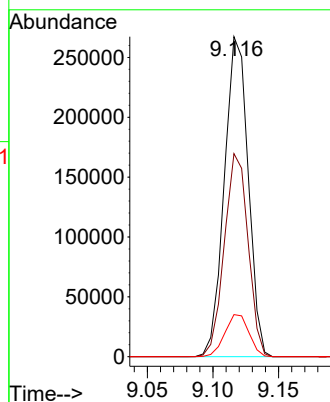
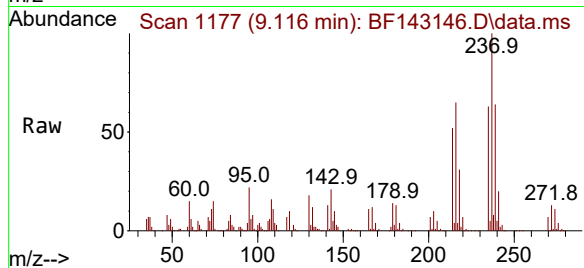
272 13.2 0.0 33.3

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#42

2,4,6-Tribromophenol

Concen: 119.817 ng

RT: 10.792 min Scan# 1462

Delta R.T. 0.006 min

Lab File: BF143146.D

Acq: 17 Jul 2025 14:04

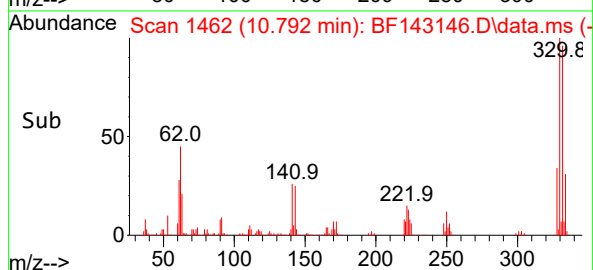
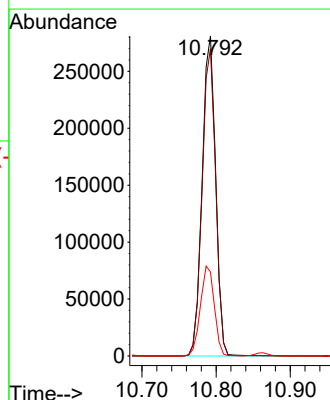
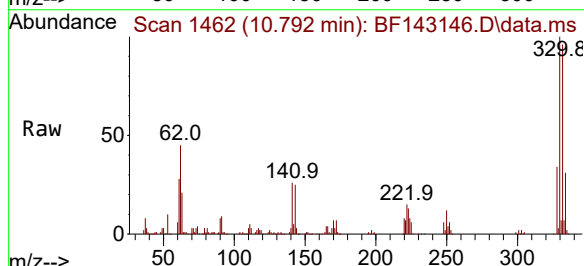
Tgt Ion:330 Resp: 354678

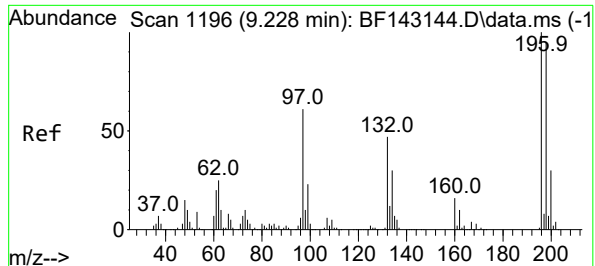
Ion Ratio Lower Upper

330 100

332 96.5 76.7 115.1

141 28.9 23.3 34.9





#43

2,4,6-Trichlorophenol

Concen: 60.246 ng

RT: 9.234 min Scan# 1196

Delta R.T. 0.006 min

Lab File: BF143146.D

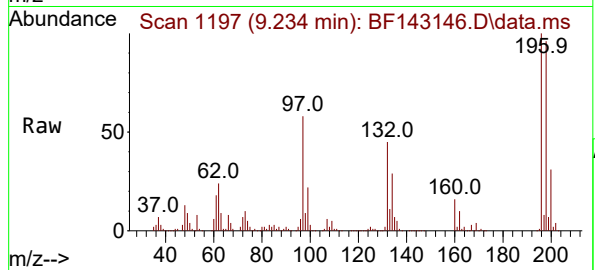
Acq: 17 Jul 2025 14:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



Tgt Ion:196 Resp: 34494

Ion Ratio Lower Upper

196 100

198 95.8 76.2 114.2

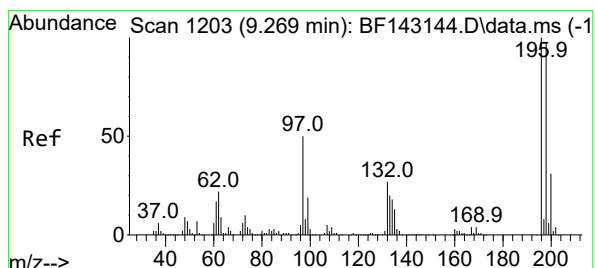
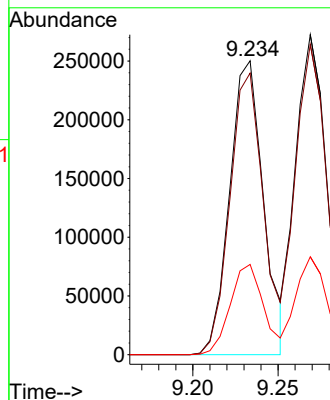
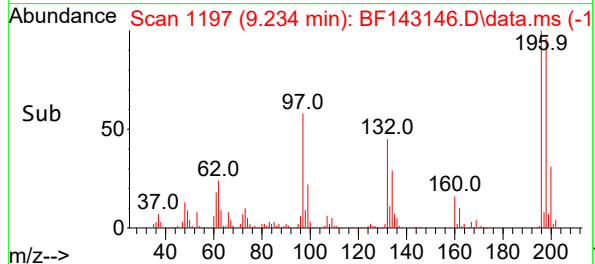
200 30.7 23.9 35.9

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#44

2,4,5-Trichlorophenol

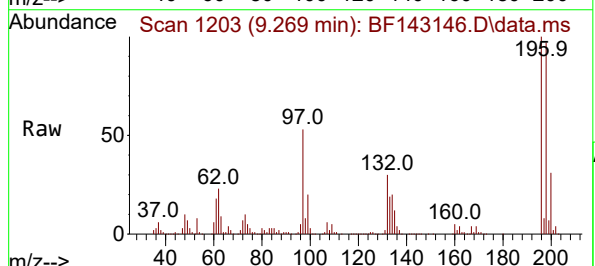
Concen: 59.305 ng

RT: 9.269 min Scan# 1203

Delta R.T. 0.000 min

Lab File: BF143146.D

Acq: 17 Jul 2025 14:04



Tgt Ion:196 Resp: 339656

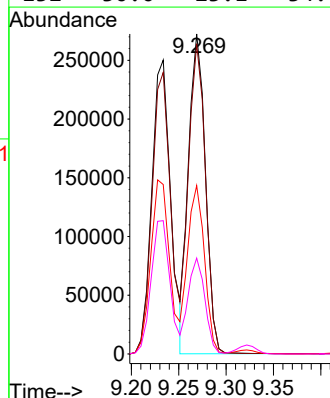
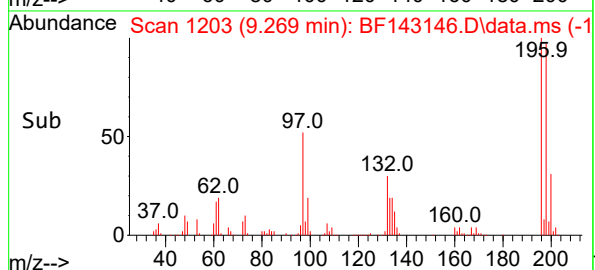
Ion Ratio Lower Upper

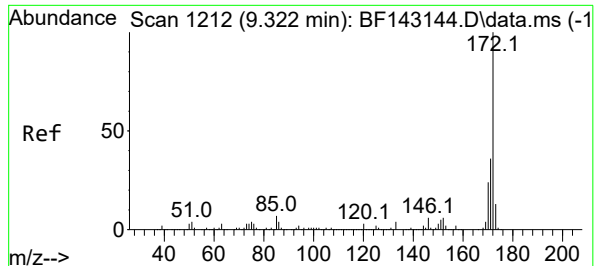
196 100

198 96.9 77.3 115.9

97 52.6 40.3 60.5

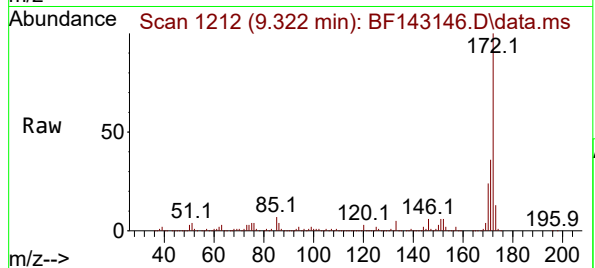
132 30.0 23.1 34.7





#45
2-Fluorobiphenyl
Concen: 108.558 ng
RT: 9.322 min Scan# 1212
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

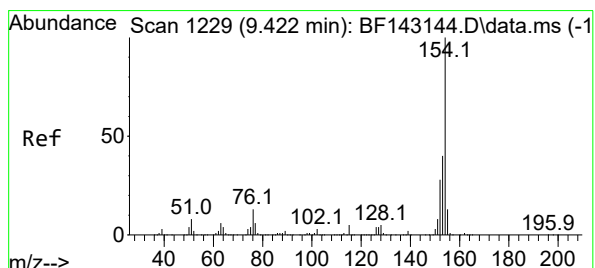
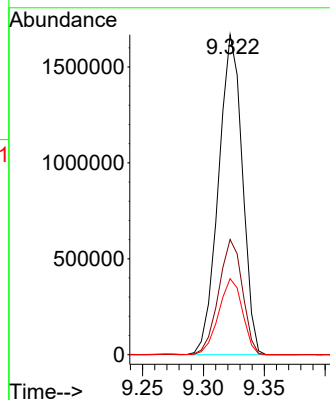
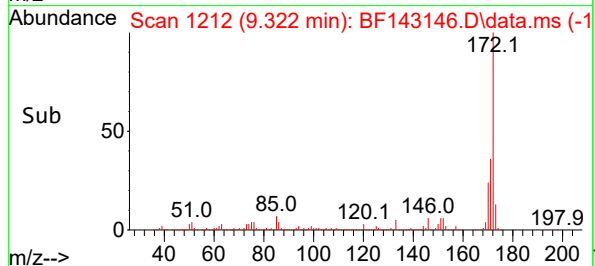
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:172 Resp: 2274500
Ion Ratio Lower Upper
172 100
171 36.0 28.6 42.8
170 23.7 18.8 28.2

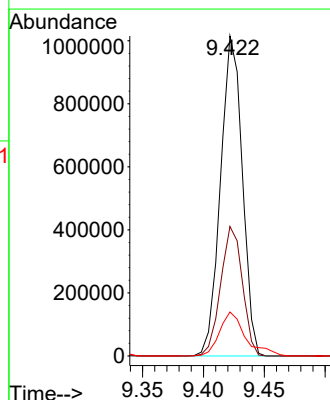
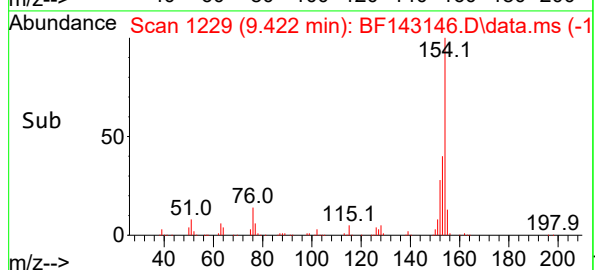
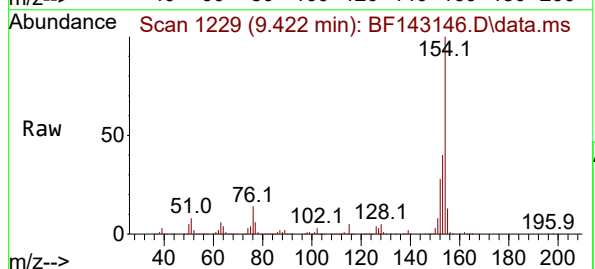
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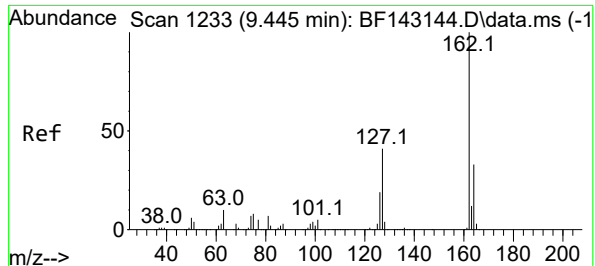
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#46
1,1'-Biphenyl
Concen: 56.610 ng
RT: 9.422 min Scan# 1229
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:154 Resp: 1265588
Ion Ratio Lower Upper
154 100
153 40.5 20.3 60.3
76 13.7 0.0 33.3





#47

2-Chloronaphthalene

Concen: 57.364 ng

RT: 9.451 min Scan# 1233

Delta R.T. 0.006 min

Lab File: BF143146.D

Acq: 17 Jul 2025 14:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:162 Resp: 948912

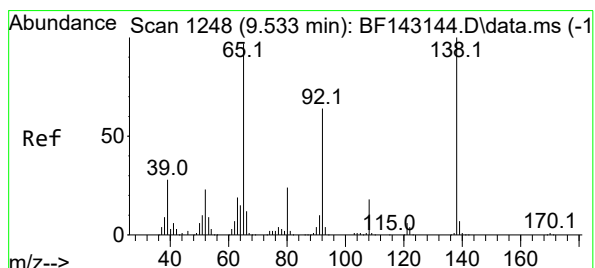
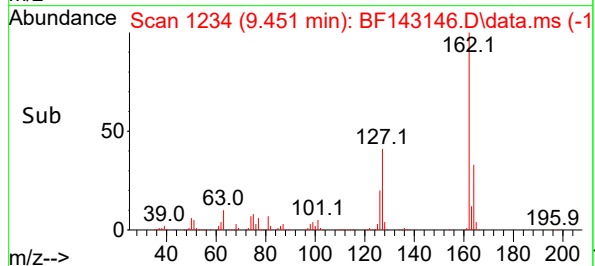
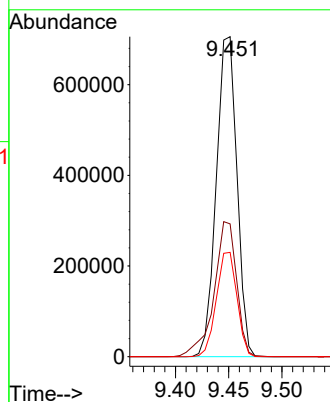
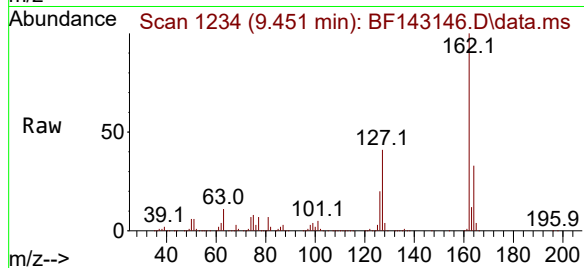
Ion	Ratio	Lower	Upper
162	100		
127	41.5	33.4	50.2
164	32.6	26.2	39.2

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#48

2-Nitroaniline

Concen: 63.904 ng

RT: 9.534 min Scan# 1248

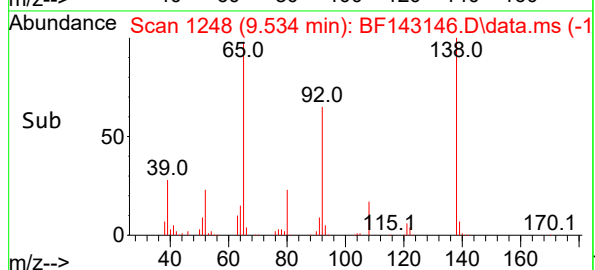
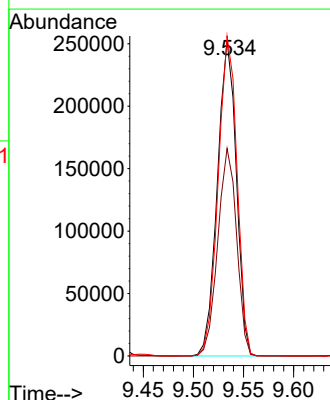
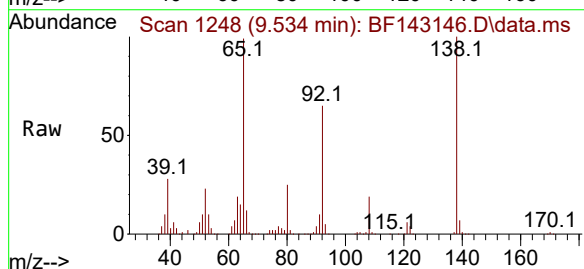
Delta R.T. 0.000 min

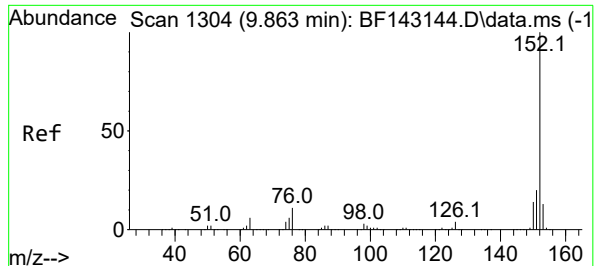
Lab File: BF143146.D

Acq: 17 Jul 2025 14:04

Tgt Ion: 65 Resp: 331501

Ion	Ratio	Lower	Upper
65	100		
92	65.8	52.4	78.6
138	101.5	82.3	123.5





#49

Acenaphthylene

Concen: 56.860 ng

RT: 9.863 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF143146.D

Acq: 17 Jul 2025 14:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:152 Resp: 1576240

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.2

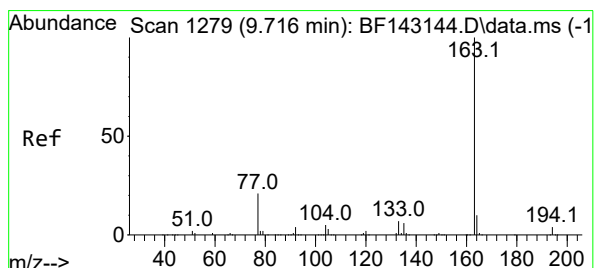
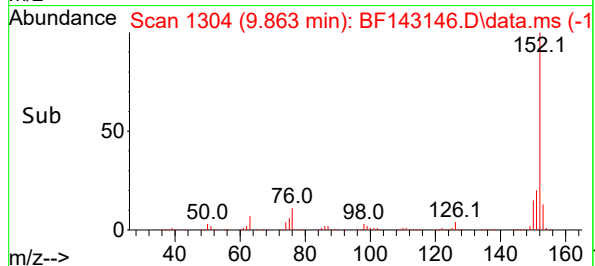
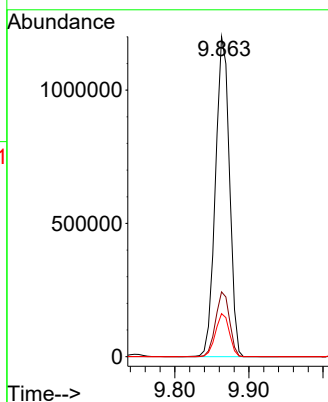
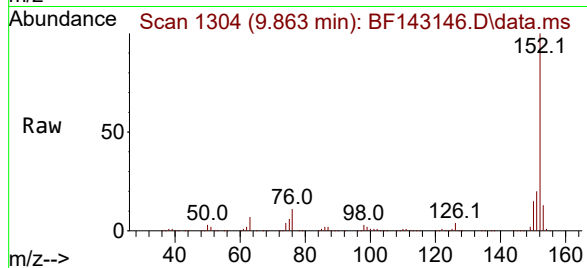
153 13.5 10.6 16.0

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#50

Dimethylphthalate

Concen: 57.558 ng

RT: 9.722 min Scan# 1280

Delta R.T. 0.006 min

Lab File: BF143146.D

Acq: 17 Jul 2025 14:04

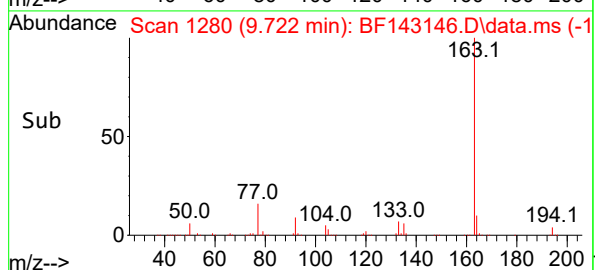
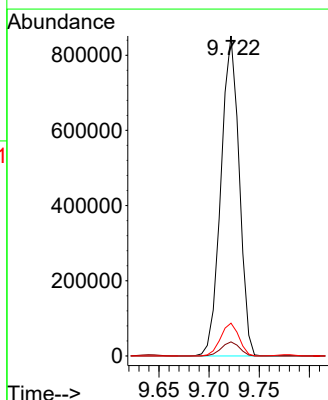
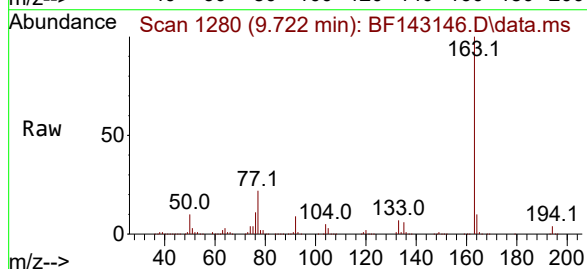
Tgt Ion:163 Resp: 1075052

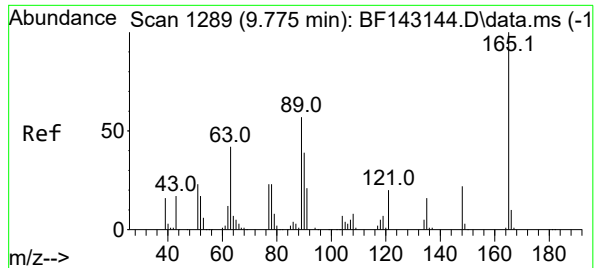
Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

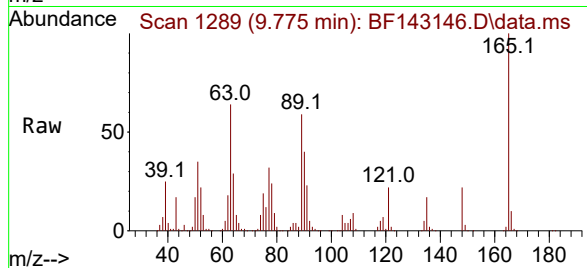
164 10.3 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 62.665 ng
RT: 9.775 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

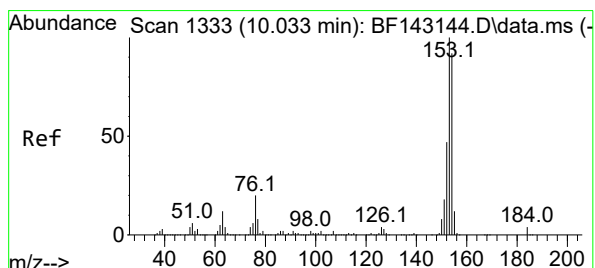
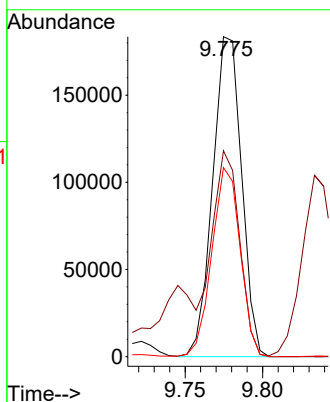
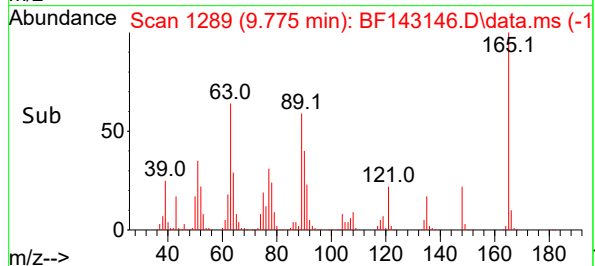
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:165 Resp: 23810
Ion Ratio Lower Upper
165 100
63 64.4 49.4 74.2
89 59.1 46.2 69.2

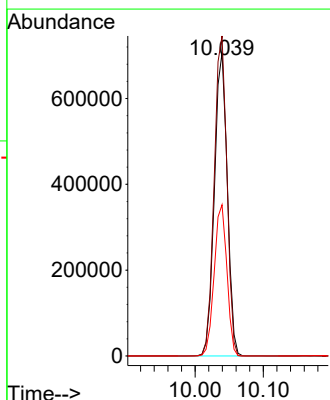
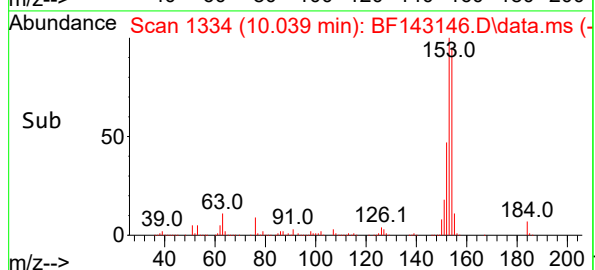
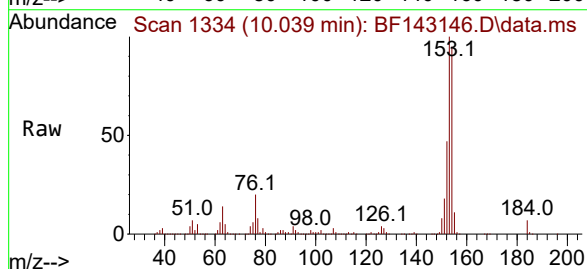
Manual Integrations
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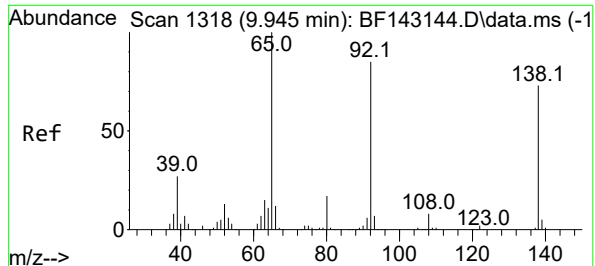
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#52
Acenaphthene
Concen: 56.814 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

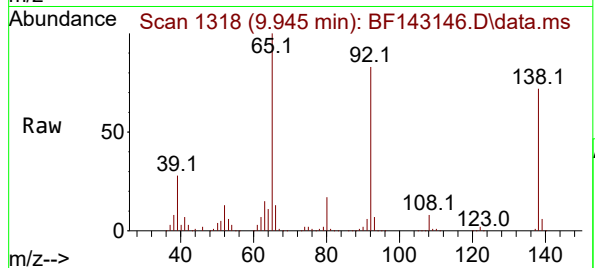
Tgt Ion:154 Resp: 930883
Ion Ratio Lower Upper
154 100
153 105.6 86.6 129.8
152 49.9 40.4 60.6





#53
3-Nitroaniline
Concen: 61.542 ng
RT: 9.945 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

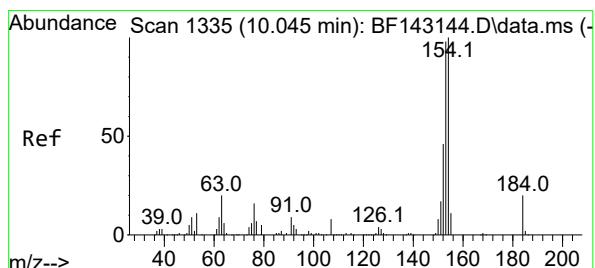
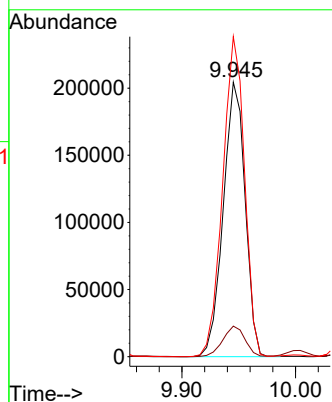
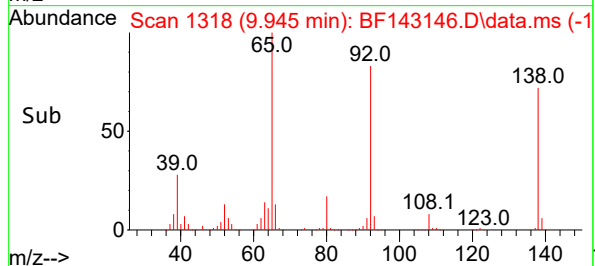
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:138 Resp: 273500
Ion Ratio Lower Upper
138 100
108 11.1 9.0 13.6
92 116.5 93.0 139.4

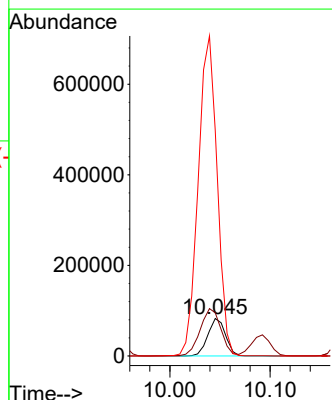
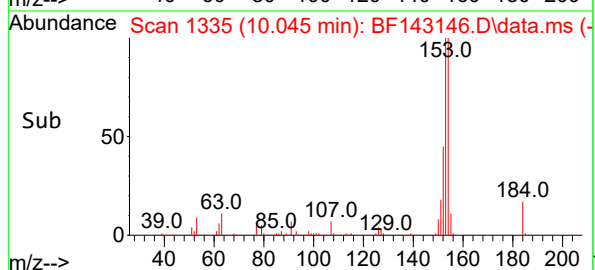
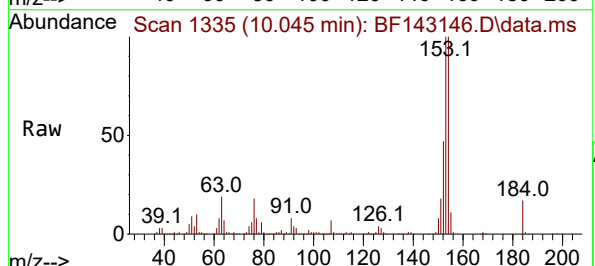
Manual Integrations
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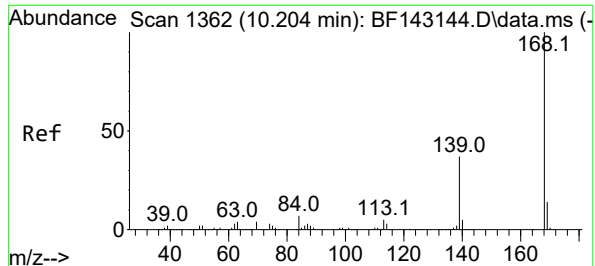
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#54
2,4-Dinitrophenol
Concen: 60.690 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:184 Resp: 101491
Ion Ratio Lower Upper
184 100
63 115.6 81.8 122.6
154 603.3 412.2 618.4





#55

Dibenzenofuran

Concen: 56.093 ng

RT: 10.210 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF143146.D

Acq: 17 Jul 2025 14:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:168 Resp: 136453

Ion Ratio Lower Upper

168 100

139 36.7 29.5 44.3

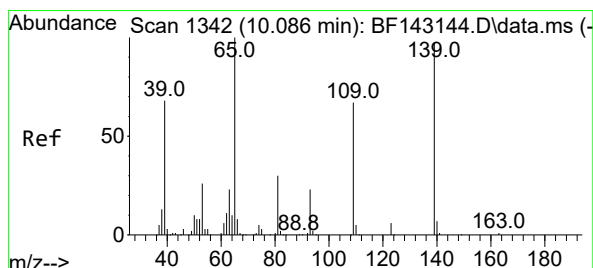
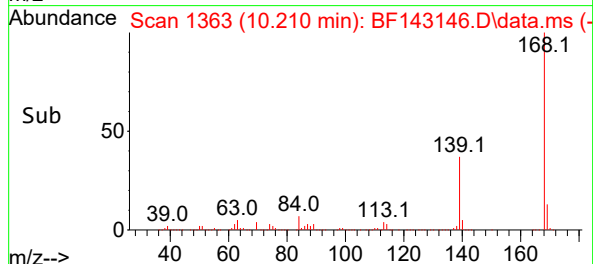
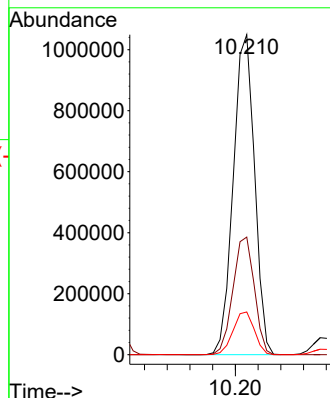
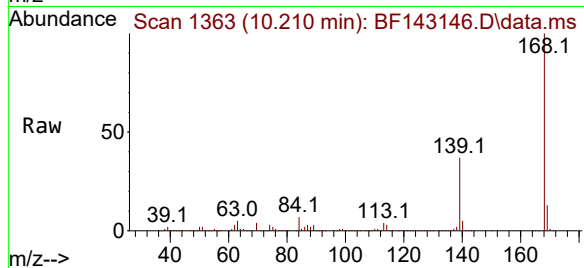
169 13.4 10.9 16.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#56

4-Nitrophenol

Concen: 61.312 ng

RT: 10.092 min Scan# 1343

Delta R.T. 0.006 min

Lab File: BF143146.D

Acq: 17 Jul 2025 14:04

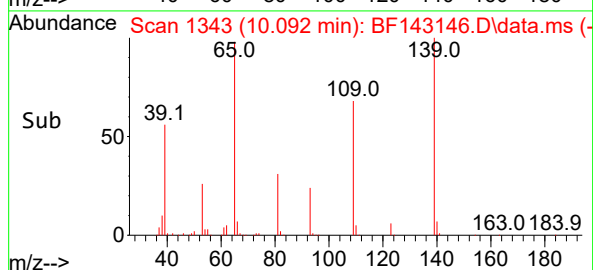
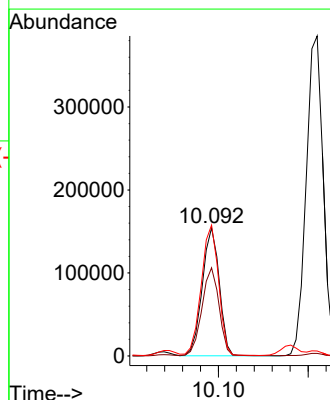
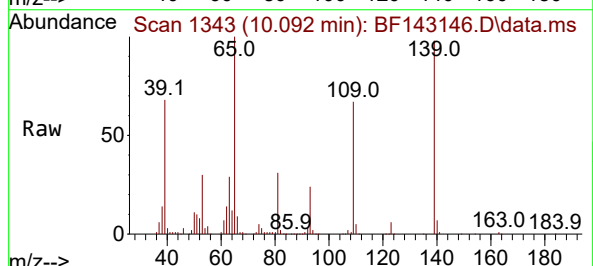
Tgt Ion:139 Resp: 203477

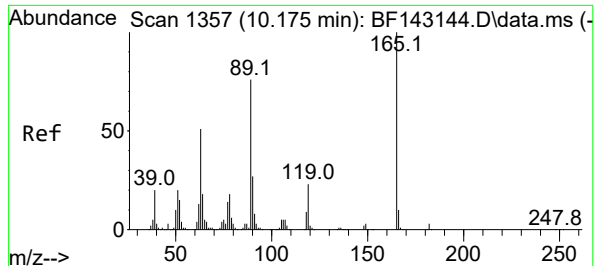
Ion Ratio Lower Upper

139 100

109 68.7 48.5 88.5

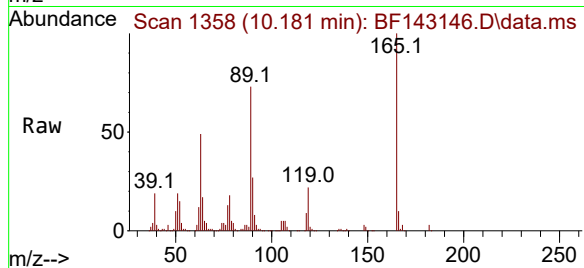
65 102.2 83.4 123.4





#57
2,4-Dinitrotoluene
Concen: 63.868 ng
RT: 10.181 min Scan# 1358
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

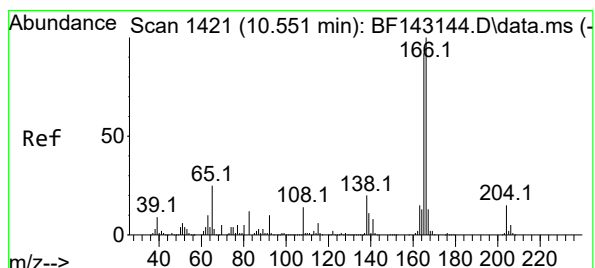
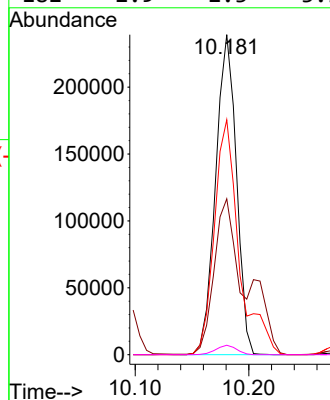
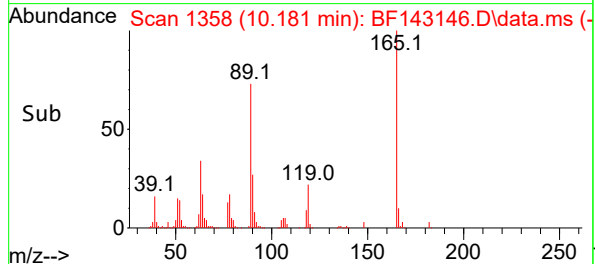
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



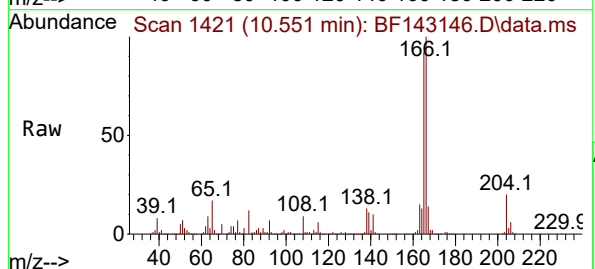
Tgt Ion:165 Resp: 304460
Ion Ratio Lower Upper
165 100
63 48.7 41.0 61.4
89 73.4 61.1 91.7
182 2.9 2.3 3.5

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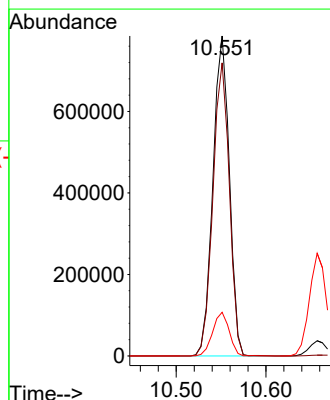
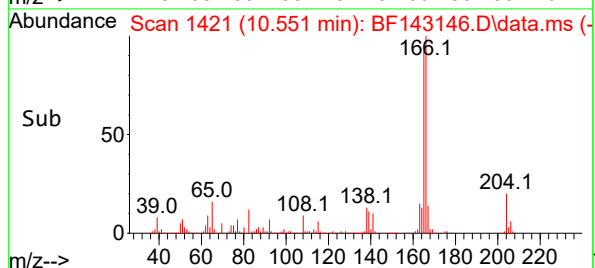
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

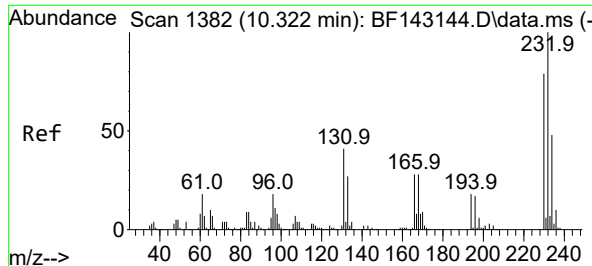


#58
Fluorene
Concen: 54.647 ng
RT: 10.551 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04



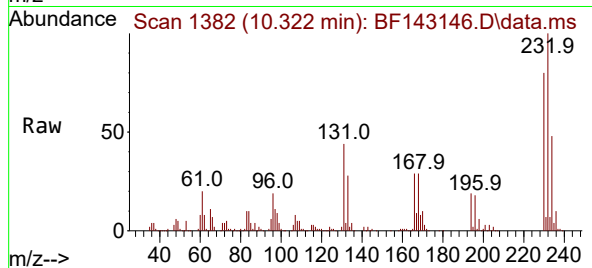
Tgt Ion:166 Resp: 997710
Ion Ratio Lower Upper
166 100
165 91.6 73.7 110.5
167 13.6 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 59.678 ng
RT: 10.322 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

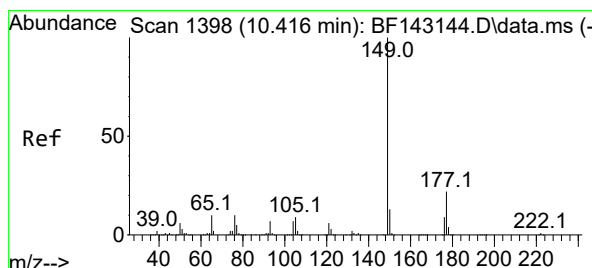
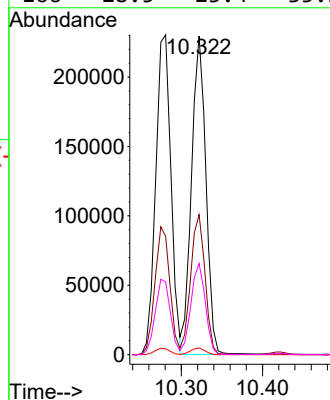
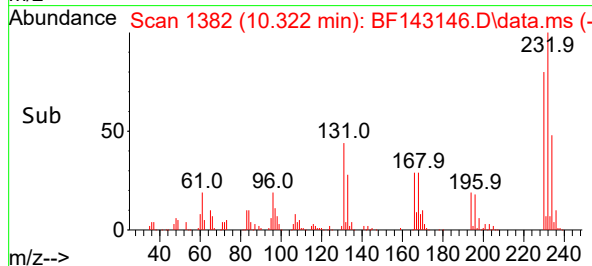
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:232 Resp: 283124
Ion Ratio Lower Upper
232 100
131 44.2 35.3 52.9
130 2.1 1.7 2.5
166 28.5 23.4 35.2

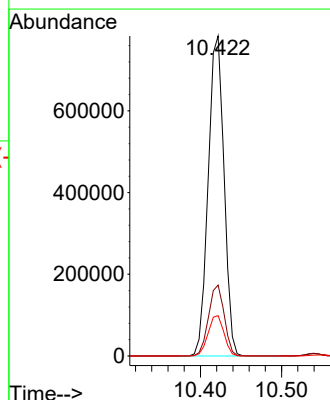
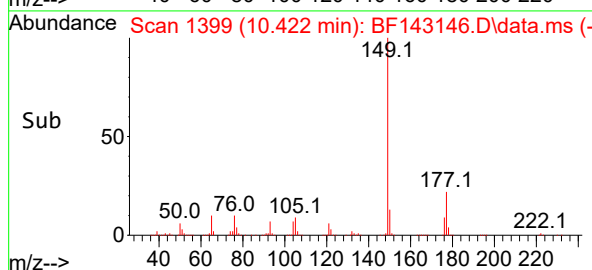
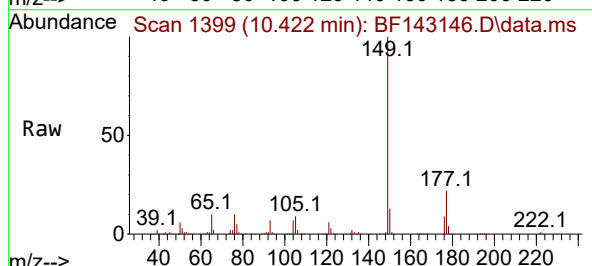
Manual Integrations
APPROVED

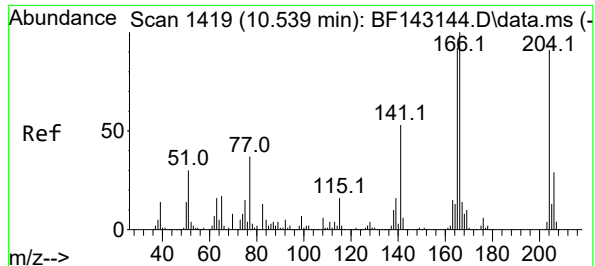
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#60
Diethylphthalate
Concen: 57.301 ng
RT: 10.422 min Scan# 1399
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

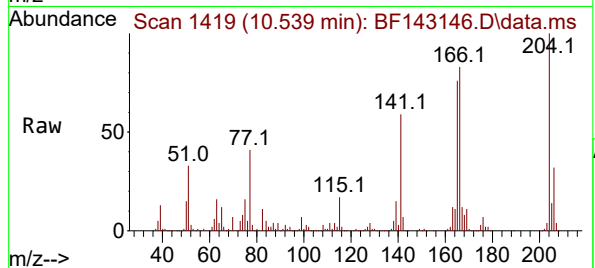
Tgt Ion:149 Resp: 1057851
Ion Ratio Lower Upper
149 100
177 22.1 17.5 26.3
150 12.6 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 56.867 ng
RT: 10.539 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

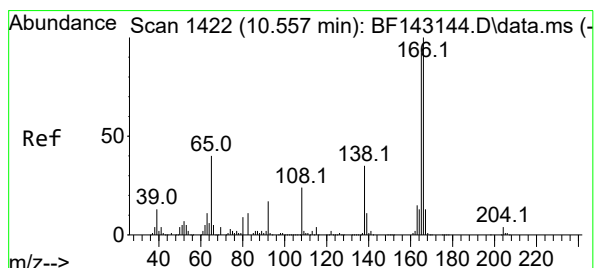
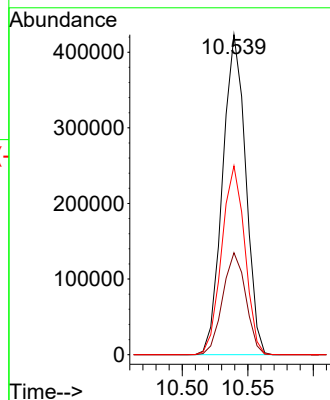
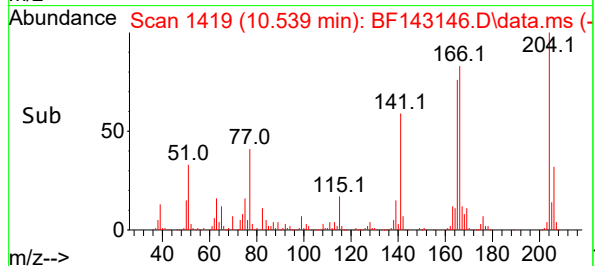
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



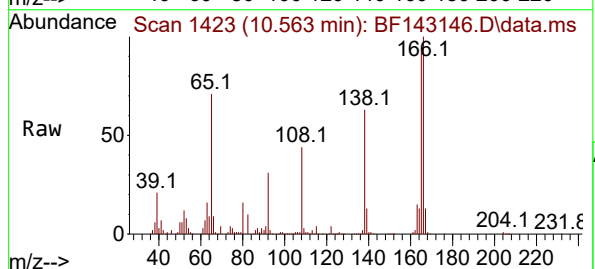
Tgt Ion:204 Resp: 516980
Ion Ratio Lower Upper
204 100
206 31.8 25.8 38.8
141 59.0 47.0 70.4

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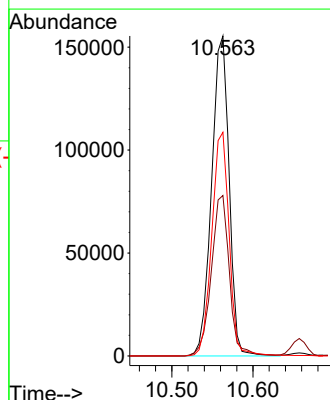
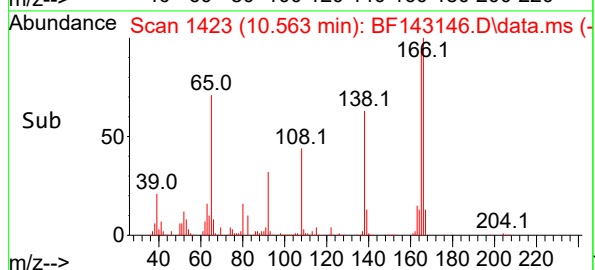
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

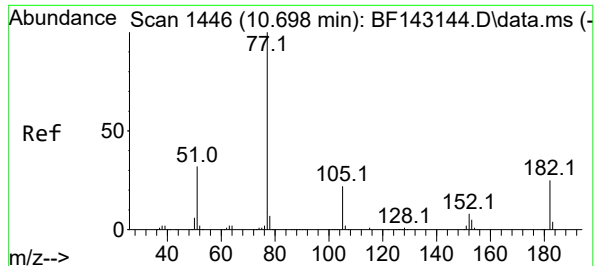


#62
4-Nitroaniline
Concen: 61.037 ng
RT: 10.563 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04



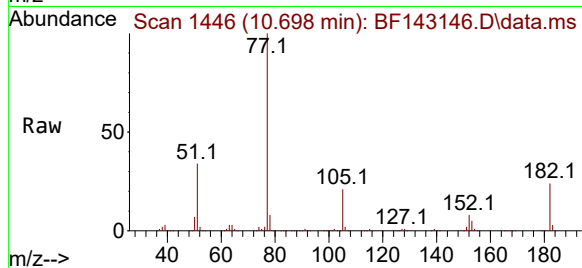
Tgt Ion:138 Resp: 232488
Ion Ratio Lower Upper
138 100
92 50.2 29.3 69.3
108 69.9 48.3 88.3





#63
Azobenzene
Concen: 57.107 ng
RT: 10.698 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

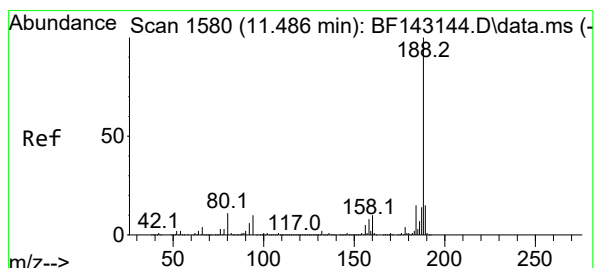
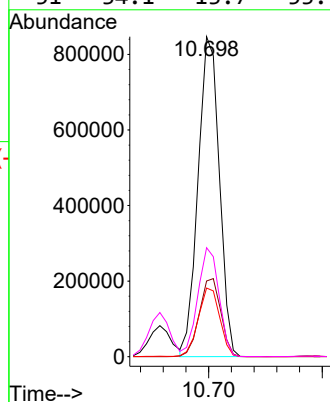
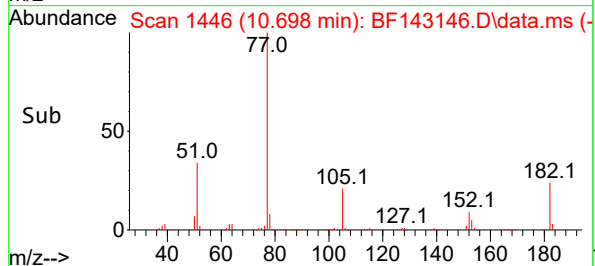
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion: 77 Resp: 1098772
Ion Ratio Lower Upper
77 100
182 23.6 4.6 44.6
105 21.4 1.4 41.4
51 34.1 13.7 53.7

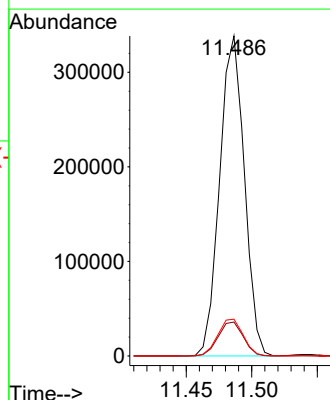
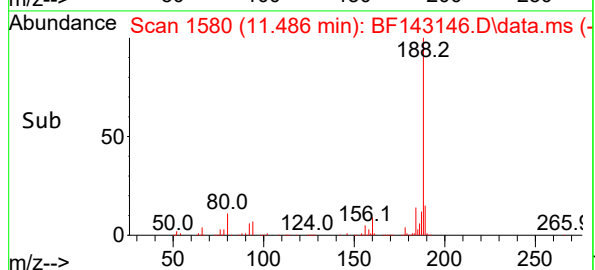
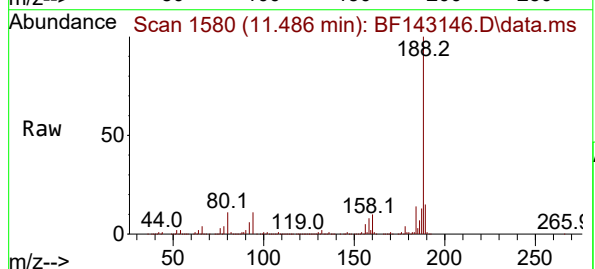
Manual Integrations
APPROVED

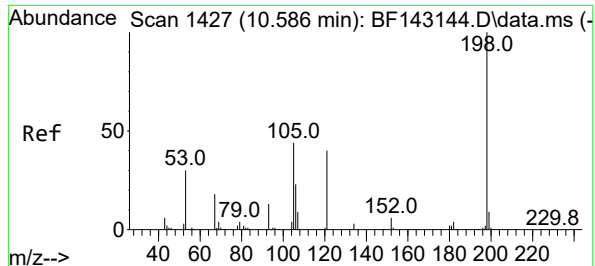
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

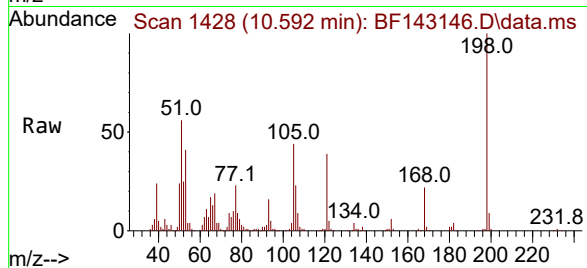
Tgt Ion:188 Resp: 442888
Ion Ratio Lower Upper
188 100
94 10.6 8.3 12.5
80 11.5 9.0 13.6





#65
4,6-Dinitro-2-methylphenol
Concen: 60.728 ng
RT: 10.592 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

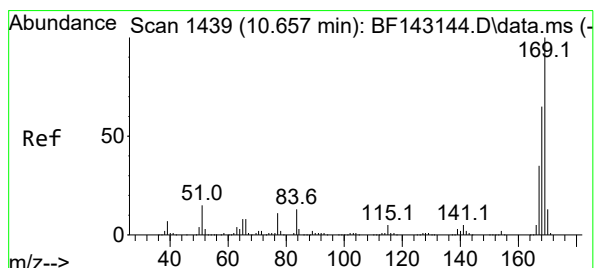
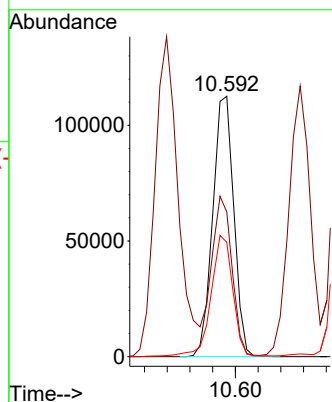
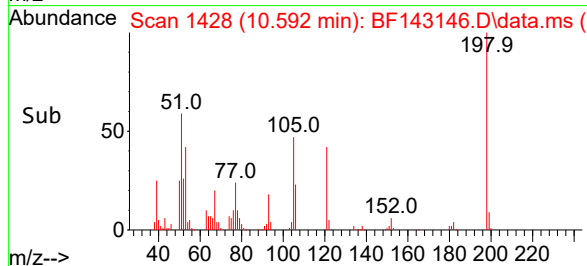
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:198 Resp: 144751
Ion Ratio Lower Upper
198 100
51 55.6 37.2 77.2
105 43.9 24.8 64.8

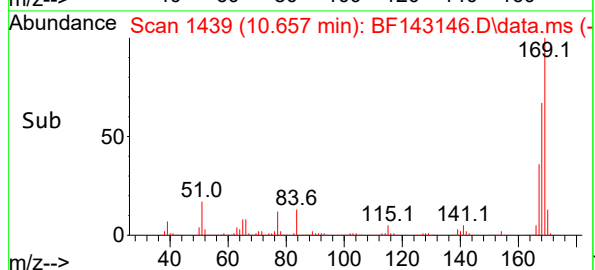
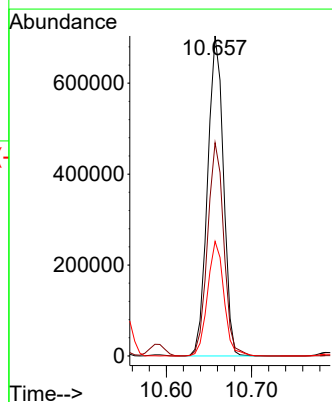
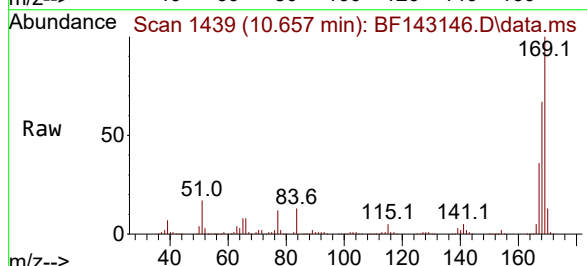
Manual Integrations
APPROVED

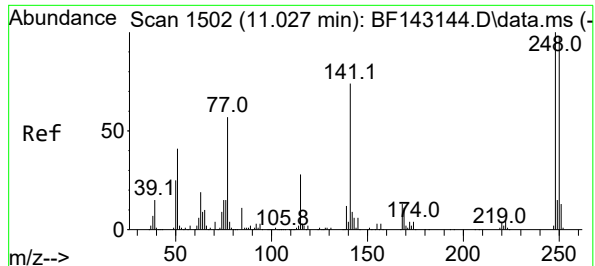
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#66
n-Nitrosodiphenylamine
Concen: 58.380 ng
RT: 10.657 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

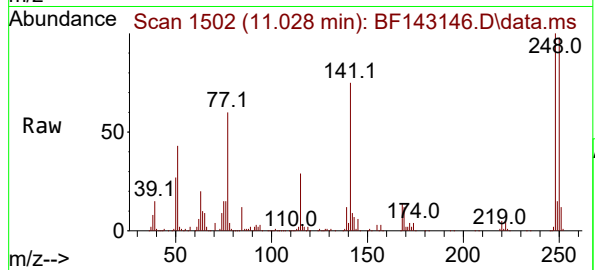
Tgt Ion:169 Resp: 910468
Ion Ratio Lower Upper
169 100
168 66.6 52.1 78.1
167 35.8 28.2 42.2





#67
4-Bromophenyl-phenylether
Concen: 60.266 ng
RT: 11.028 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

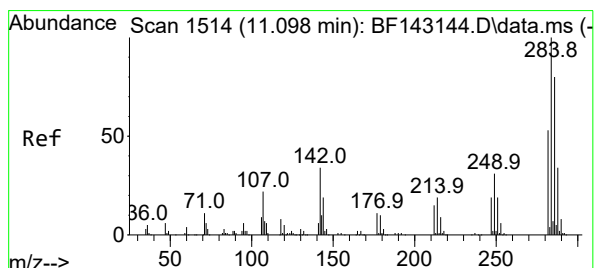
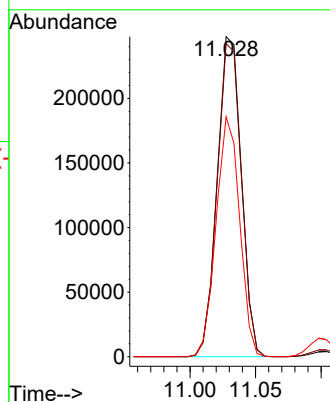
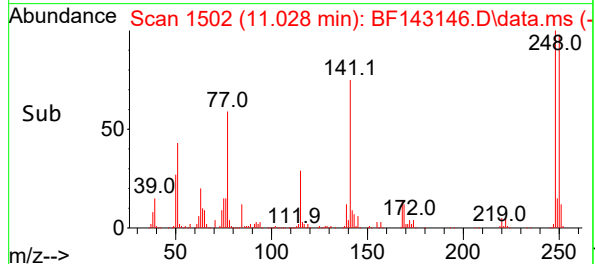
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



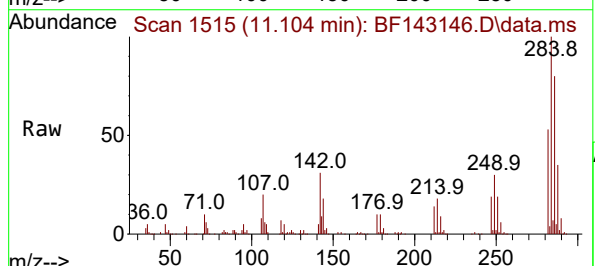
Tgt Ion:248 Resp: 318085
Ion Ratio Lower Upper
248 100
250 97.9 78.3 117.5
141 75.0 59.2 88.8

Manual Integrations
APPROVED

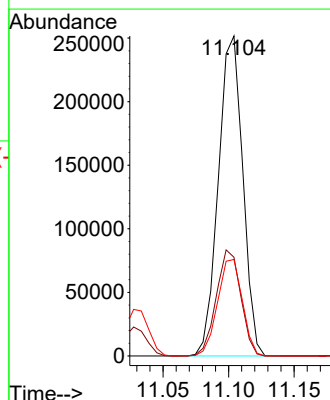
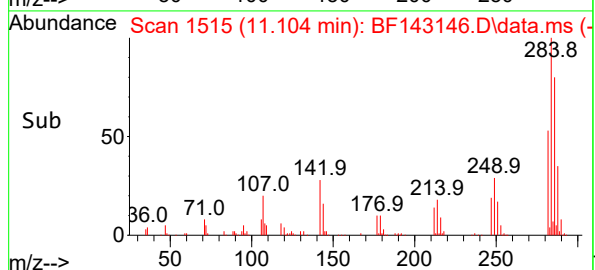
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

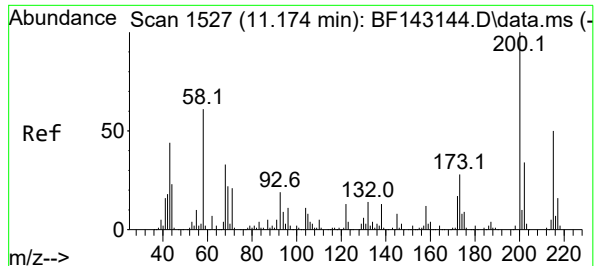


#68
Hexachlorobenzene
Concen: 59.054 ng
RT: 11.104 min Scan# 1515
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04



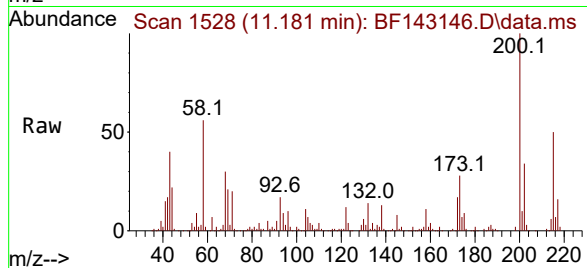
Tgt Ion:284 Resp: 325779
Ion Ratio Lower Upper
284 100
142 30.9 27.0 40.6
249 30.1 25.0 37.6





#69
Atrazine
Concen: 61.024 ng
RT: 11.181 min Scan# 1528
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

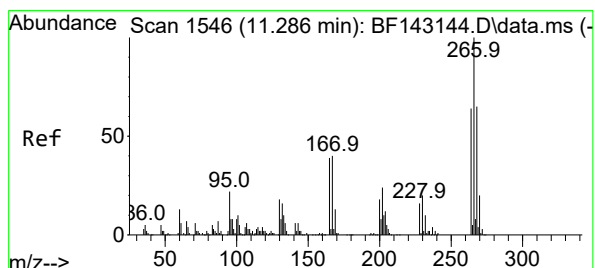
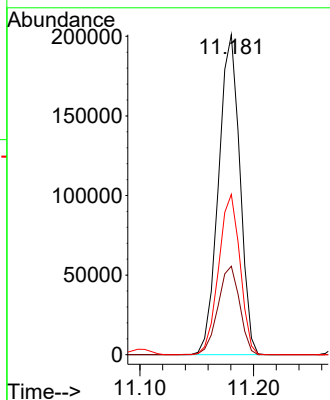
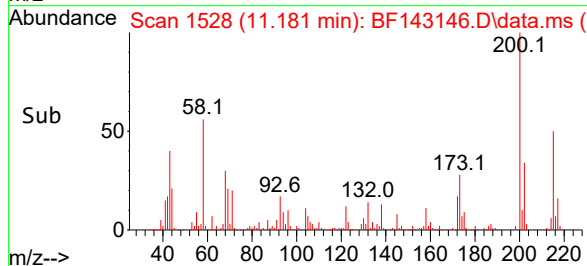
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:200 Resp: 262374
Ion Ratio Lower Upper
200 100
173 27.6 7.9 47.9
215 50.1 30.1 70.1

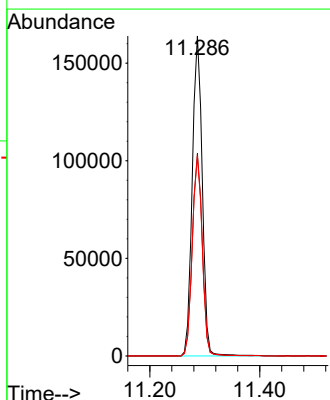
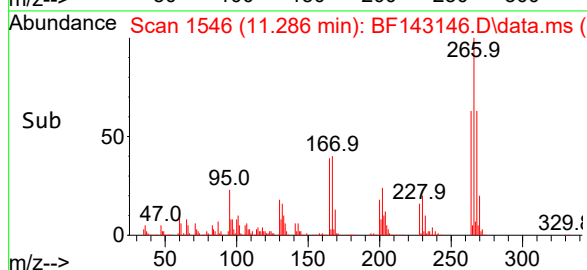
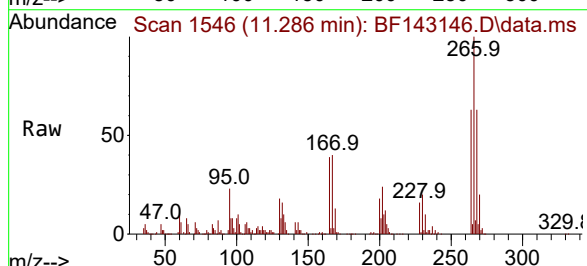
Manual Integrations
APPROVED

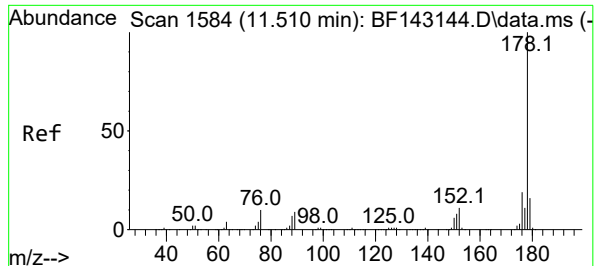
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#70
Pentachlorophenol
Concen: 63.625 ng
RT: 11.286 min Scan# 1546
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

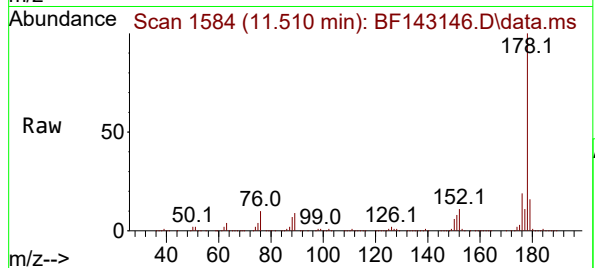
Tgt Ion:266 Resp: 206417
Ion Ratio Lower Upper
266 100
268 63.3 51.9 77.9
264 62.5 51.0 76.6





#71
Phenanthrene
Concen: 56.620 ng
RT: 11.510 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

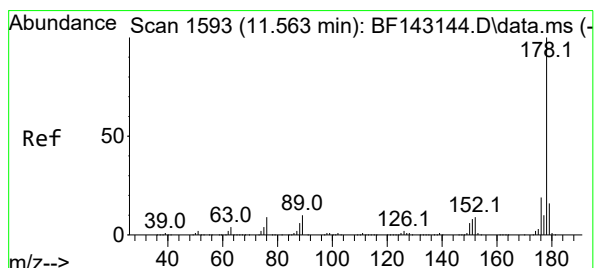
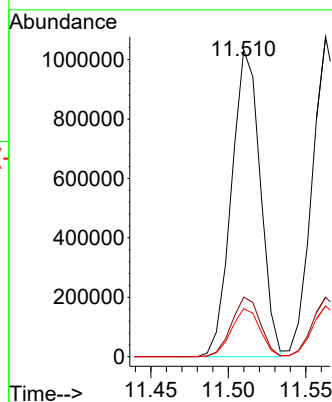
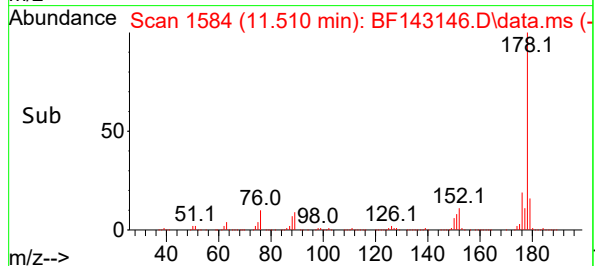
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:178 Resp: 1331485
Ion Ratio Lower Upper
178 100
176 19.4 15.3 22.9
179 15.7 12.5 18.7

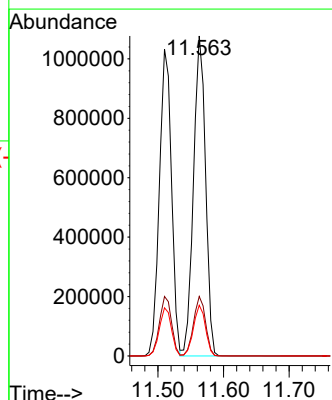
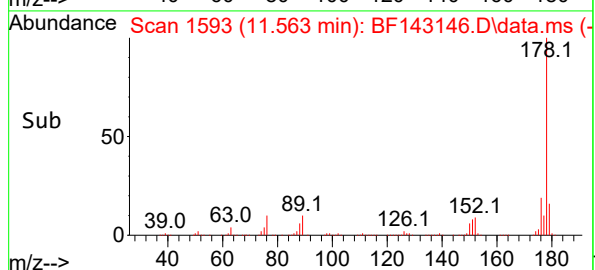
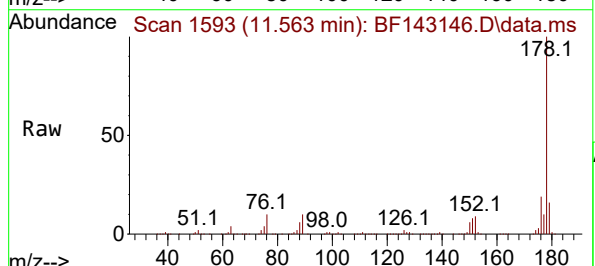
Manual Integrations
APPROVED

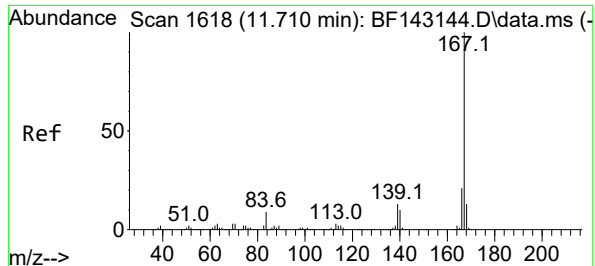
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#72
Anthracene
Concen: 57.522 ng
RT: 11.563 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

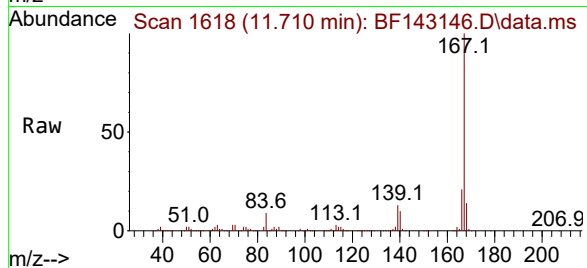
Tgt Ion:178 Resp: 1379601
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.4
179 15.8 12.5 18.7





#73
Carbazole
Concen: 57.015 ng
RT: 11.710 min Scan# 1618
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

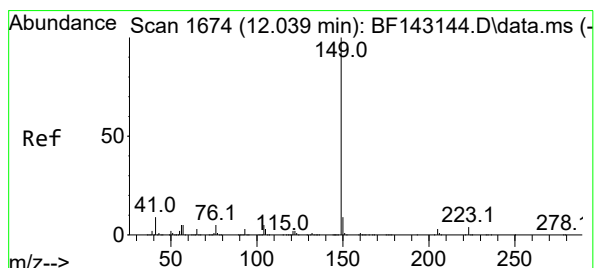
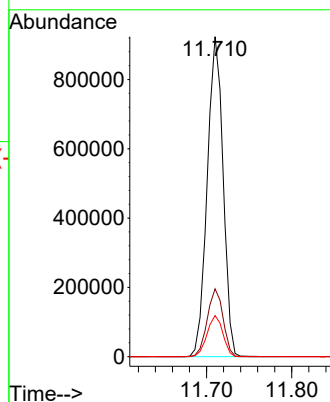
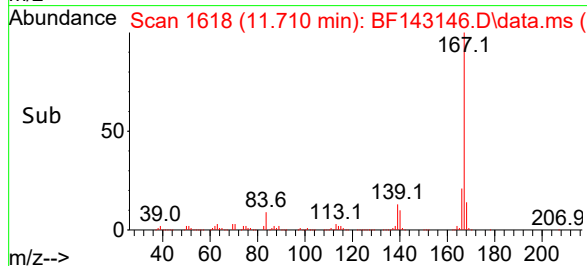
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



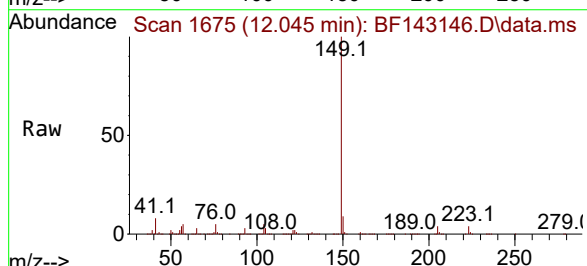
Tgt Ion:167 Resp: 1194020
Ion Ratio Lower Upper
167 100
166 21.2 17.0 25.6
139 12.9 10.0 15.0

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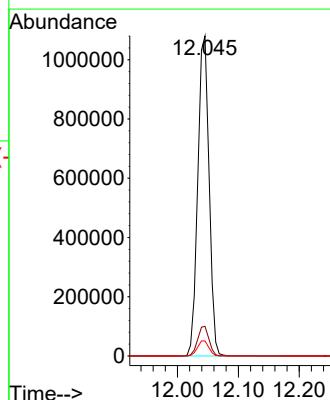
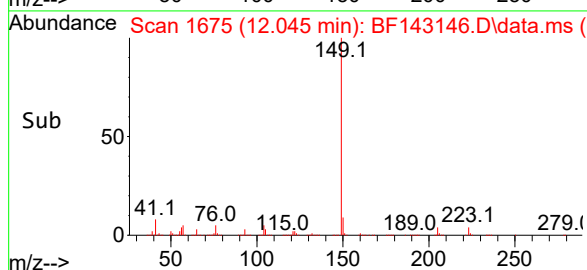
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

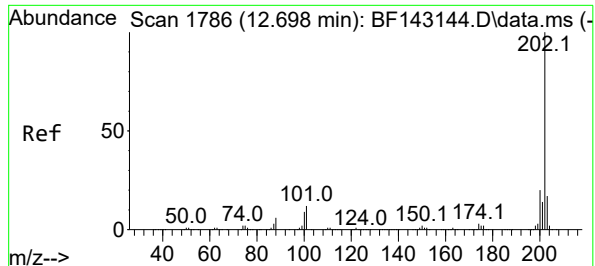


#74
Di-n-butylphthalate
Concen: 58.757 ng
RT: 12.045 min Scan# 1675
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04



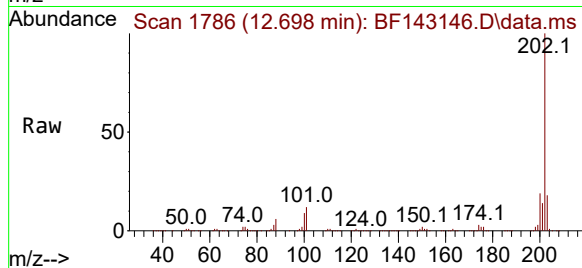
Tgt Ion:149 Resp: 1392335
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.2
104 4.7 3.8 5.8





#75
Fluoranthene
Concen: 57.122 ng
RT: 12.698 min Scan# 1786
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

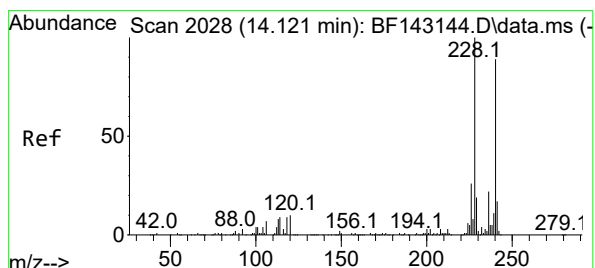
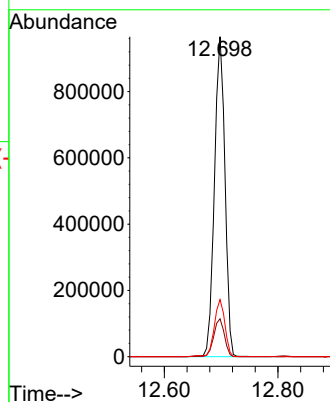
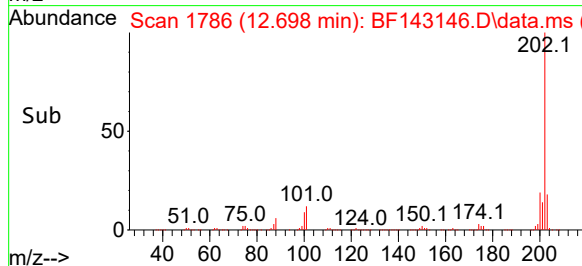
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:202 Resp: 1232952
Ion Ratio Lower Upper
202 100
101 11.8 0.0 31.7
203 17.8 0.0 37.4

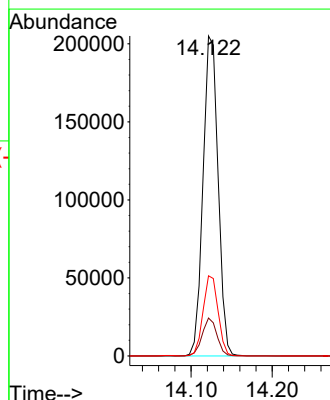
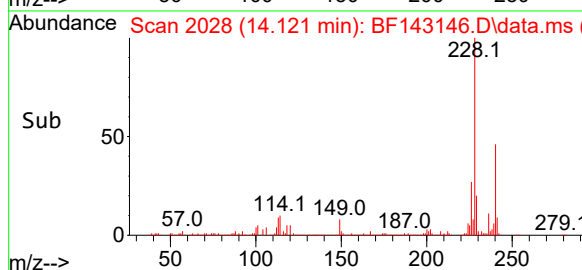
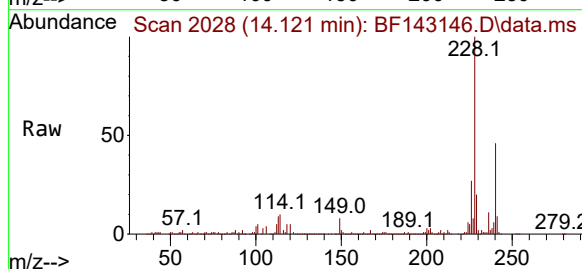
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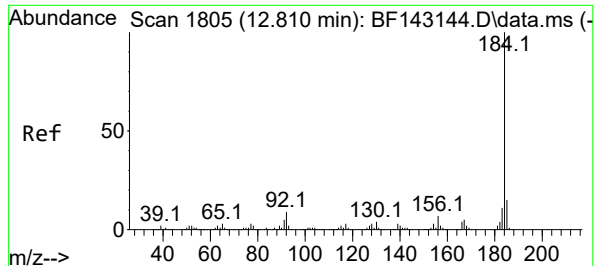
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

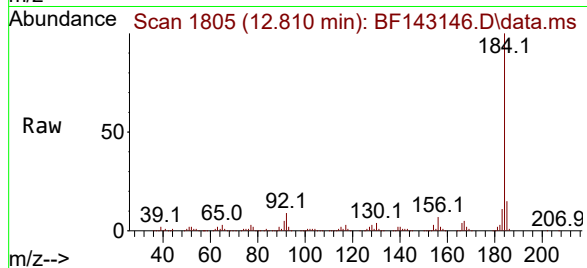
Tgt Ion:240 Resp: 264384
Ion Ratio Lower Upper
240 100
120 11.9 9.4 14.2
236 25.1 20.2 30.4





#77
Benzidine
Concen: 46.785 ng
RT: 12.810 min Scan# 1805
Delta R.T. -0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

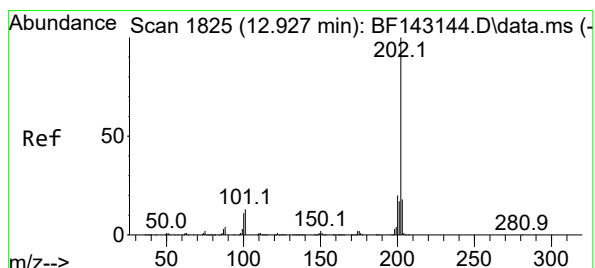
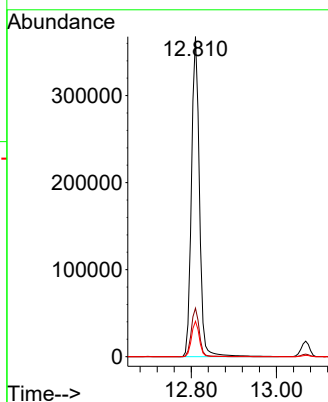
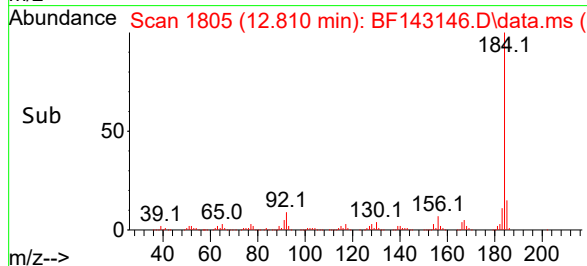
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:184 Resp: 47655
Ion Ratio Lower Upper
184 100
185 15.1 12.2 18.4
183 11.0 9.0 13.4

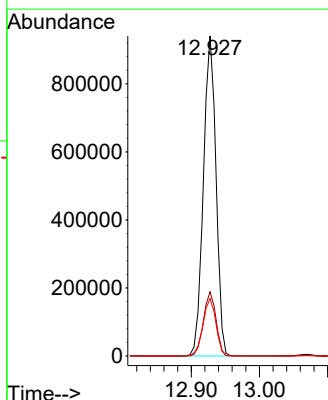
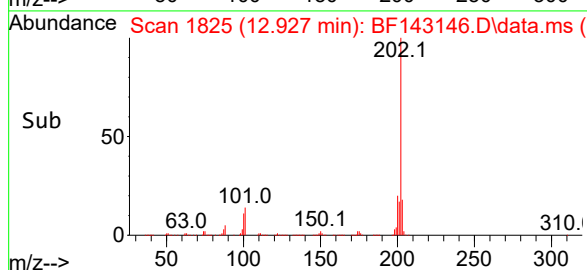
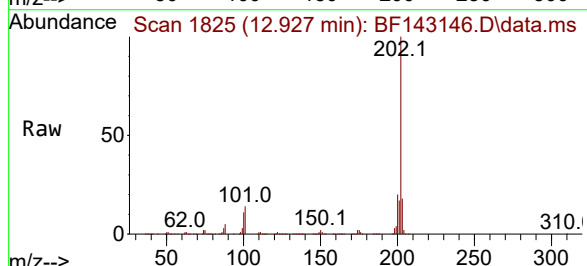
Manual Integrations
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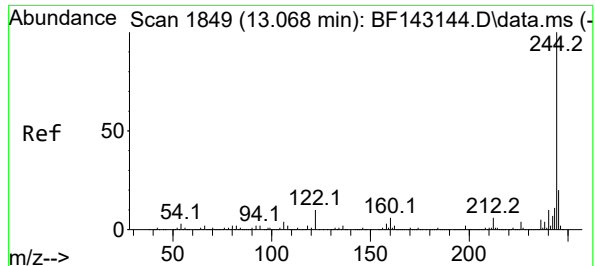
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#78
Pyrene
Concen: 53.536 ng
RT: 12.927 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:202 Resp: 1207978
Ion Ratio Lower Upper
202 100
200 20.0 15.7 23.5
203 18.0 14.2 21.2





#79
Terphenyl-d14
Concen: 106.298 ng
RT: 13.069 min Scan# 1849
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :

BNA_F

ClientSampleId :

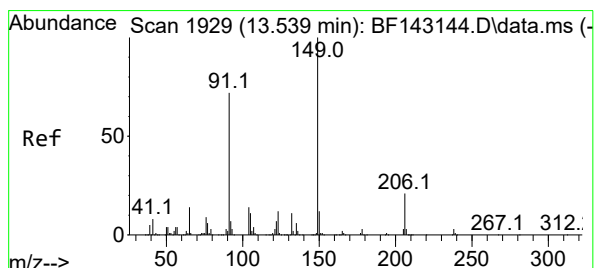
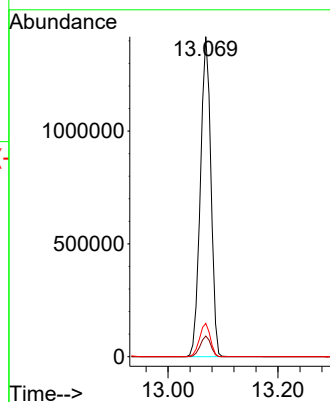
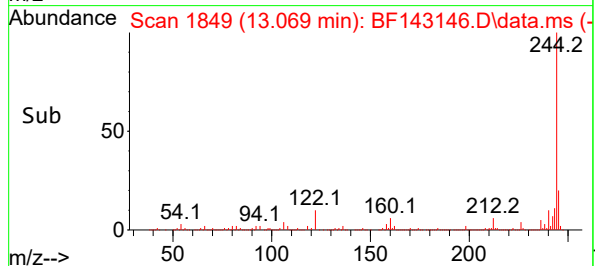
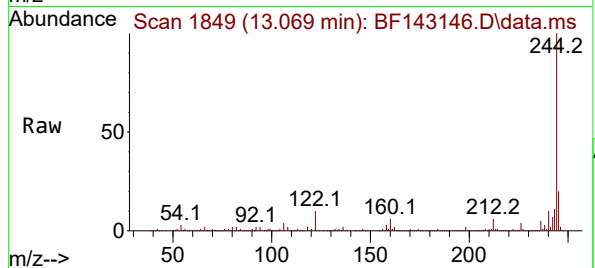
SSTDICC060

Tgt Ion:244 Resp: 1888544
Ion Ratio Lower Upper
244 100
212 6.5 5.2 7.8
122 10.4 8.2 12.2

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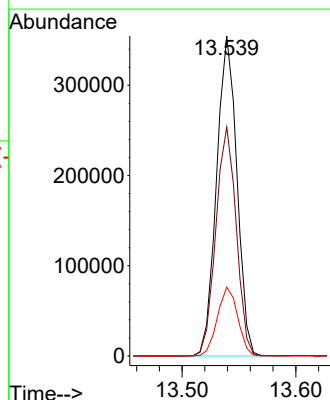
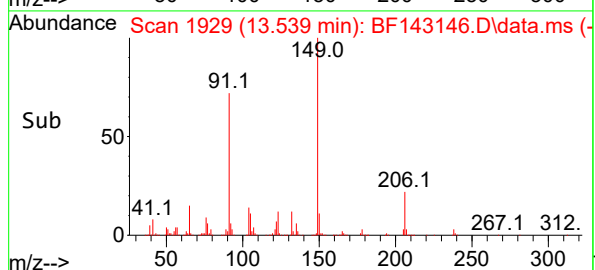
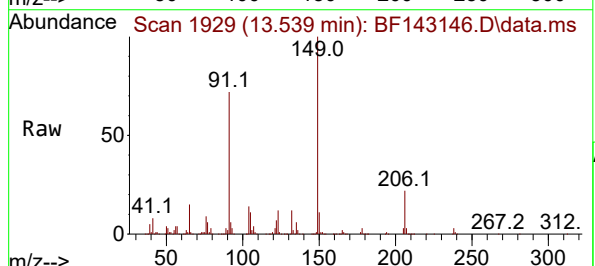
APPROVED

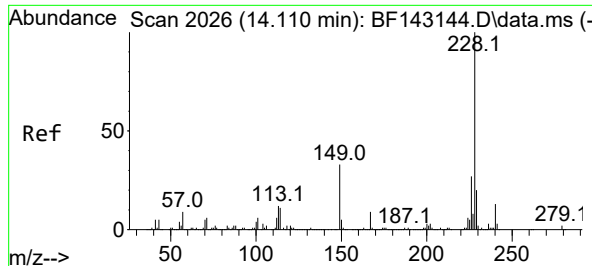
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#80
Butylbenzylphthalate
Concen: 63.875 ng
RT: 13.539 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:149 Resp: 441334
Ion Ratio Lower Upper
149 100
91 71.6 57.9 86.9
206 21.5 17.0 25.4





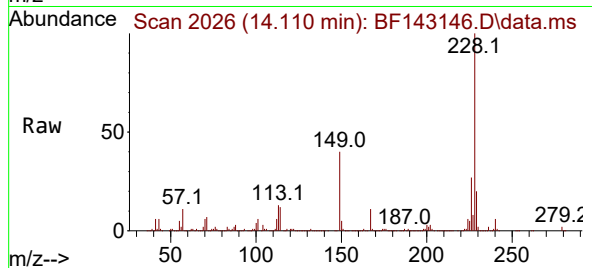
#81
Benzo(a)anthracene
Concen: 58.825 ng
RT: 14.110 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

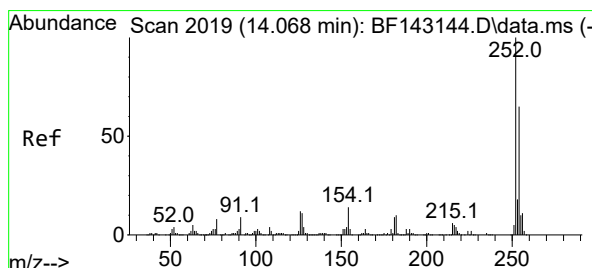
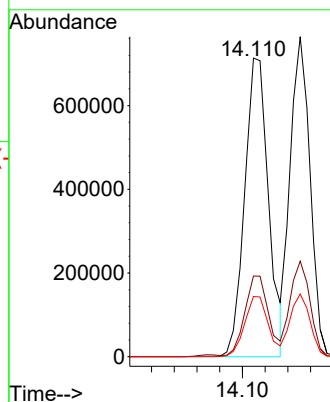
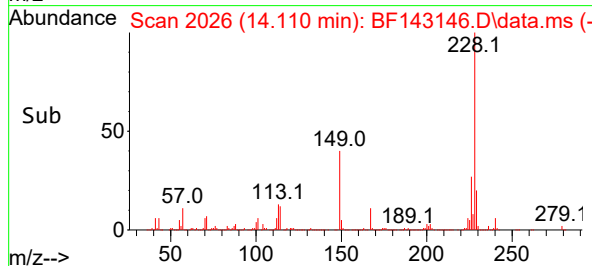


Tgt Ion:228 Resp: 1041230
Ion Ratio Lower Upper
228 100
226 27.0 21.7 32.5
229 20.2 15.8 23.6

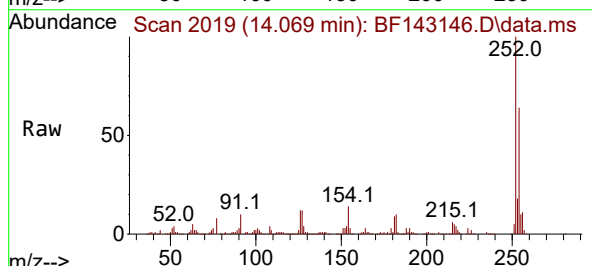
Manual Integrations

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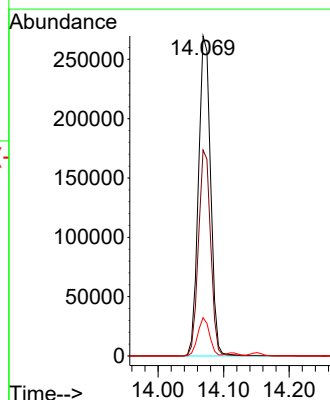
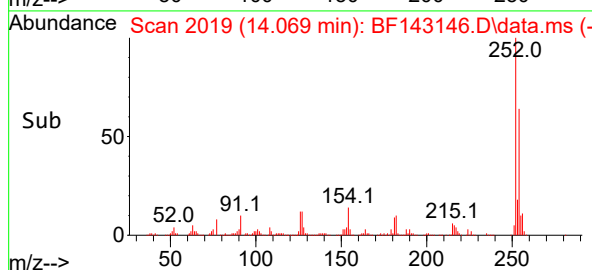
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

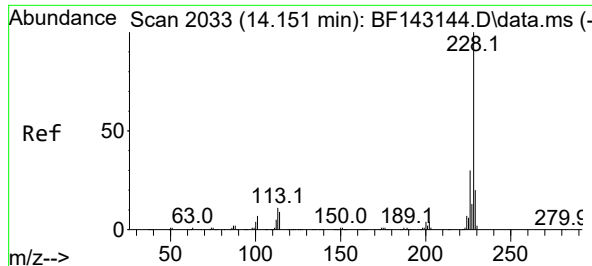


#82
3,3'-Dichlorobenzidine
Concen: 59.155 ng
RT: 14.069 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04



Tgt Ion:252 Resp: 348979
Ion Ratio Lower Upper
252 100
254 64.4 51.7 77.5
126 12.0 9.4 14.0





#83

Chrysene

Concen: 58.472 ng

RT: 14.151 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF143146.D

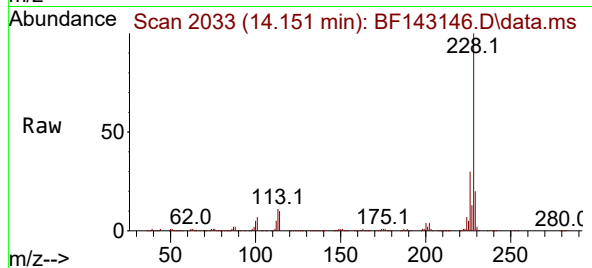
Acq: 17 Jul 2025 14:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



Tgt Ion:228 Resp: 930549

Ion Ratio Lower Upper

228 100

226 29.9 23.8 35.8

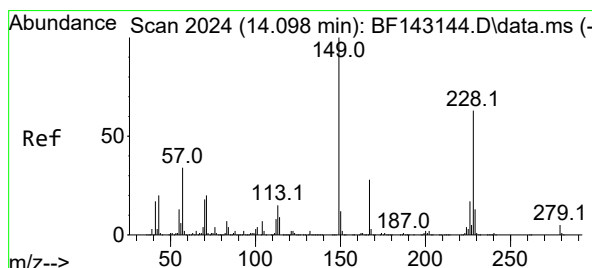
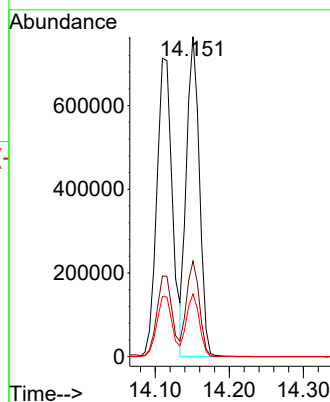
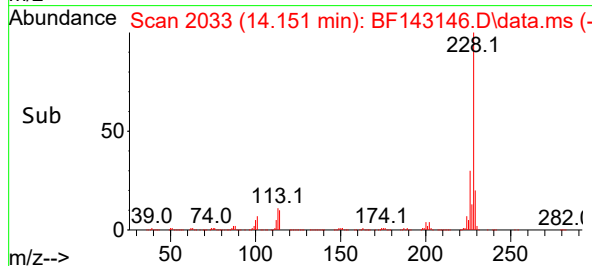
229 19.6 15.6 23.4

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#84

Bis(2-ethylhexyl)phthalate

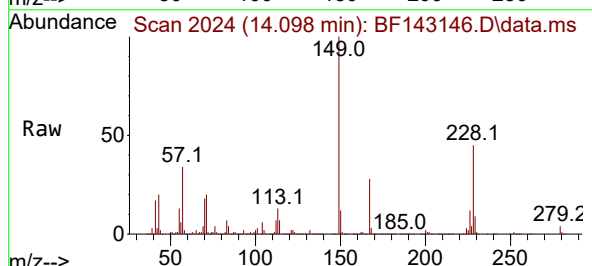
Concen: 62.678 ng

RT: 14.098 min Scan# 2024

Delta R.T. 0.000 min

Lab File: BF143146.D

Acq: 17 Jul 2025 14:04



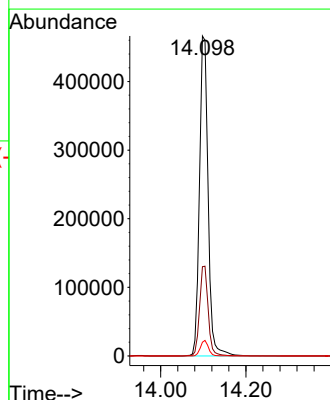
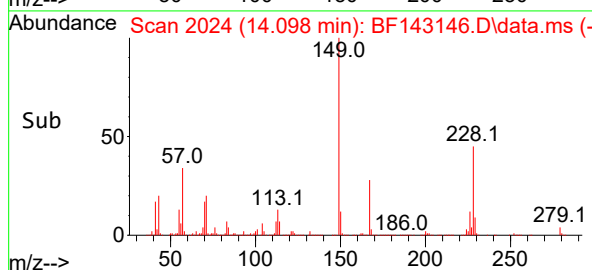
Tgt Ion:149 Resp: 655482

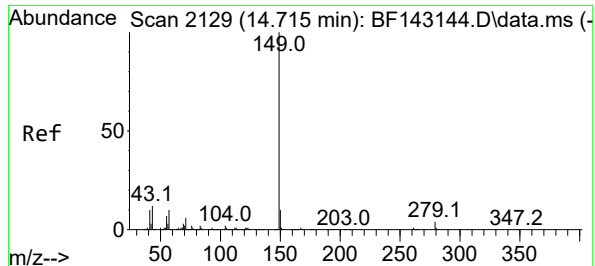
Ion Ratio Lower Upper

149 100

167 27.9 22.3 33.5

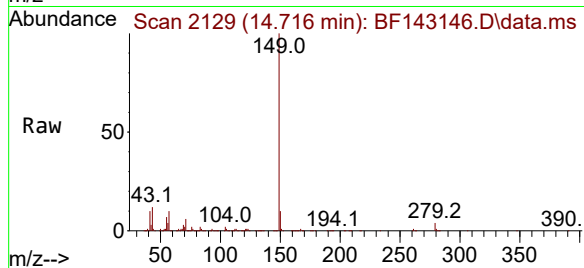
279 4.3 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 63.095 ng
RT: 14.716 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

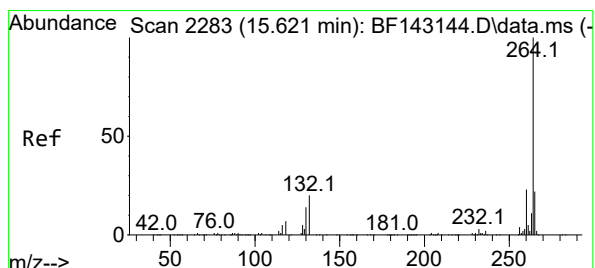
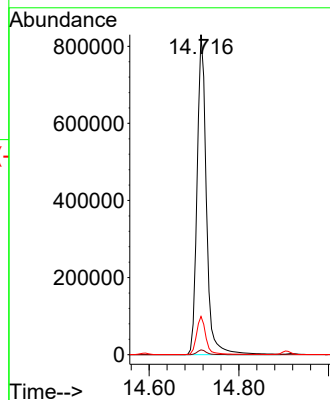
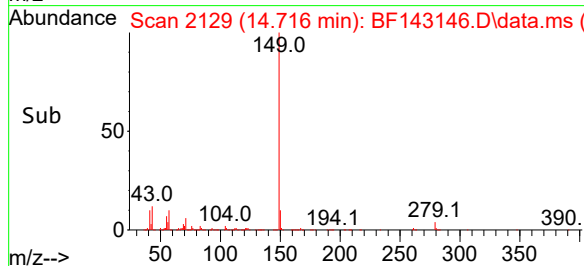
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:149 Resp: 1196044
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 12.0 9.7 14.5

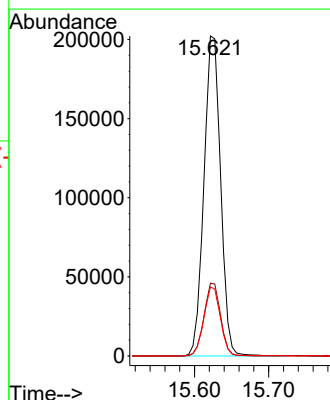
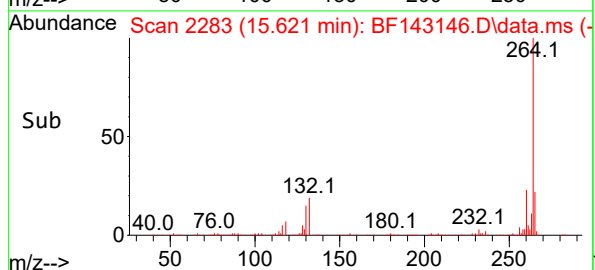
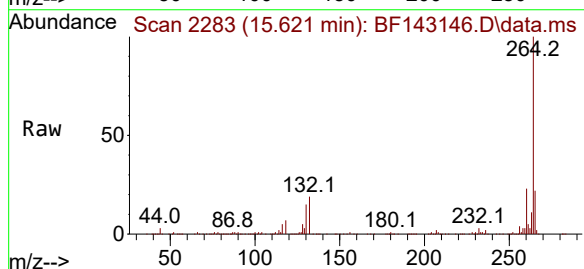
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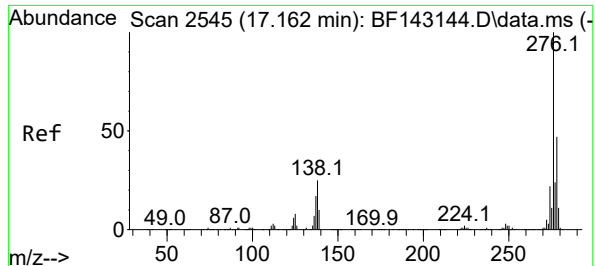
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2283
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:264 Resp: 315904
Ion Ratio Lower Upper
264 100
260 22.7 18.5 27.7
265 21.5 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 60.037 ng

RT: 17.168 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF143146.D

Acq: 17 Jul 2025 14:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:276 Resp: 133736

Ion Ratio Lower Upper

276 100

138 26.9 21.8 32.6

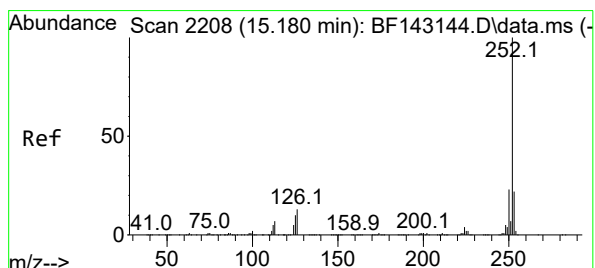
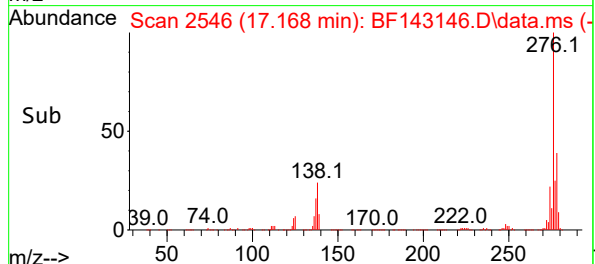
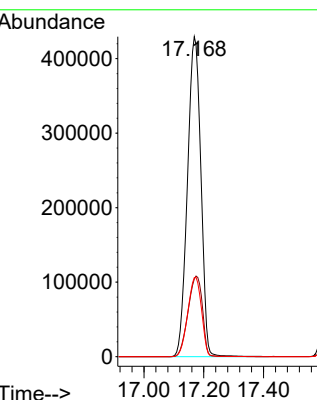
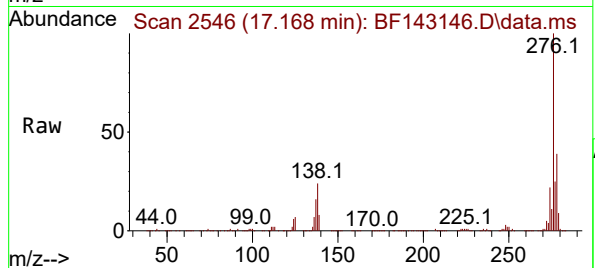
277 25.4 20.0 30.0

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#88

Benzo(b)fluoranthene

Concen: 58.328 ng

RT: 15.180 min Scan# 2208

Delta R.T. 0.000 min

Lab File: BF143146.D

Acq: 17 Jul 2025 14:04

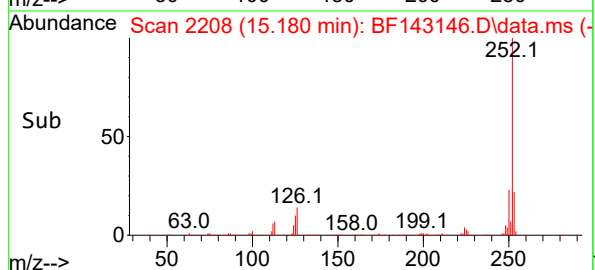
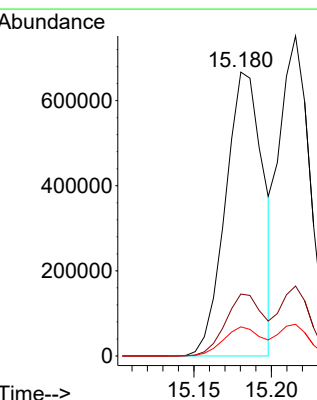
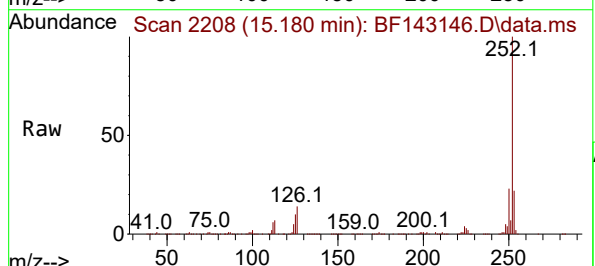
Tgt Ion:252 Resp: 1125667

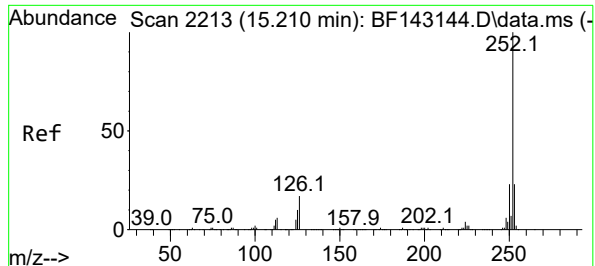
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 10.3 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 59.411 ng

RT: 15.216 min Scan# 2213

Delta R.T. 0.006 min

Lab File: BF143146.D

Acq: 17 Jul 2025 14:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:252 Resp: 102313

Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.6

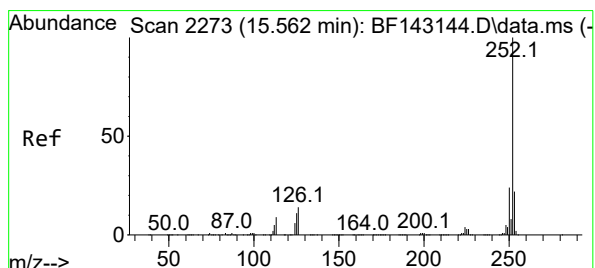
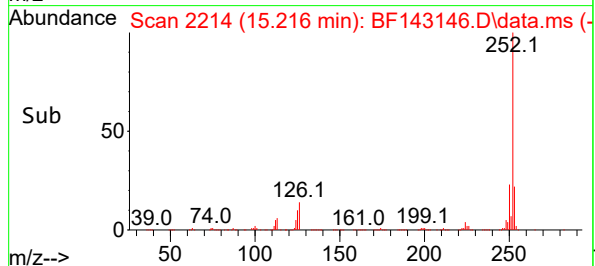
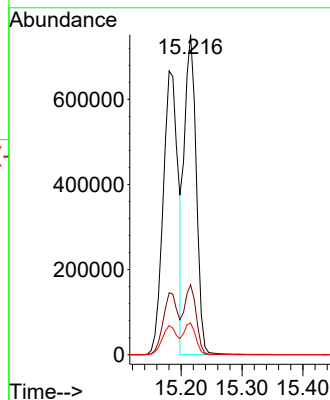
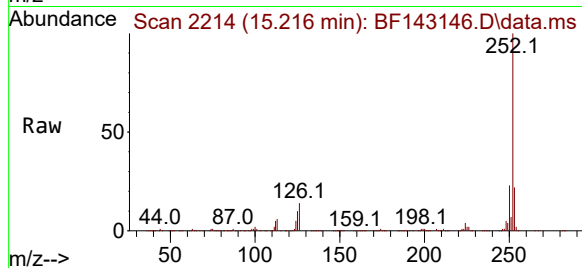
125 9.9 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#90

Benzo(a)pyrene

Concen: 59.730 ng

RT: 15.563 min Scan# 2273

Delta R.T. 0.000 min

Lab File: BF143146.D

Acq: 17 Jul 2025 14:04

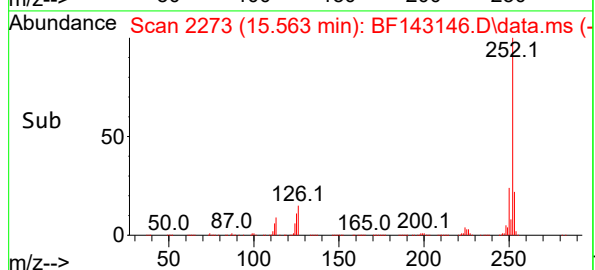
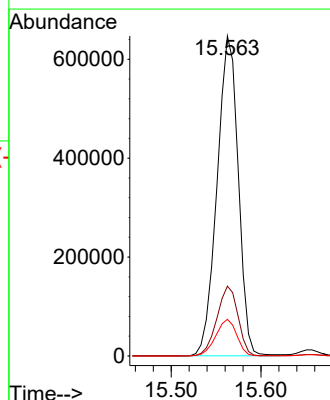
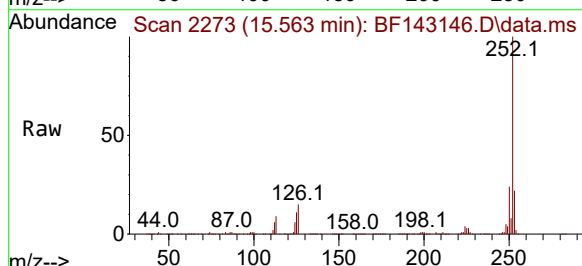
Tgt Ion:252 Resp: 1062049

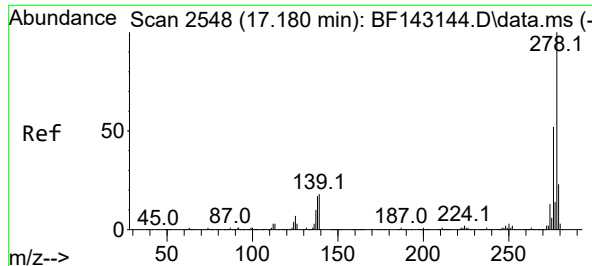
Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

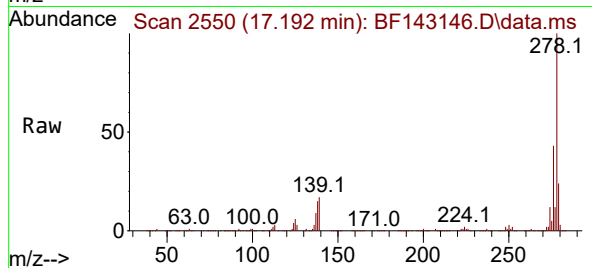
125 11.5 8.6 13.0





#91
Dibenzo(a,h)anthracene
Concen: 59.610 ng
RT: 17.192 min Scan# 2550
Delta R.T. 0.012 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

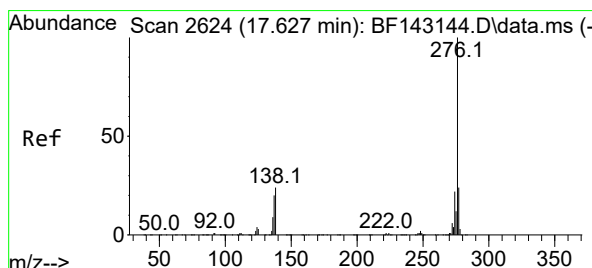
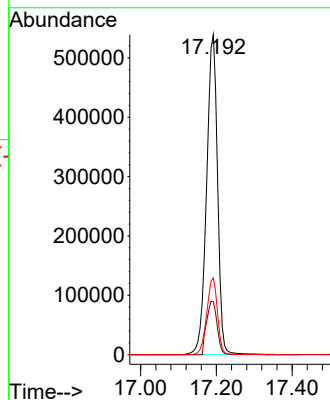
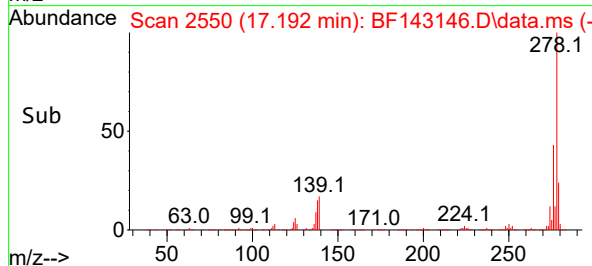
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:278 Resp: 1080768
Ion Ratio Lower Upper
278 100
139 16.6 14.1 21.1
279 24.0 18.6 28.0

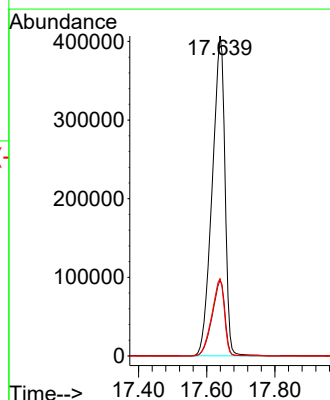
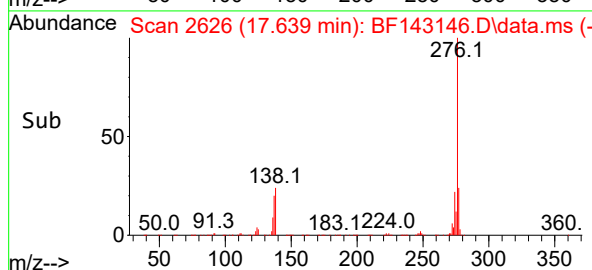
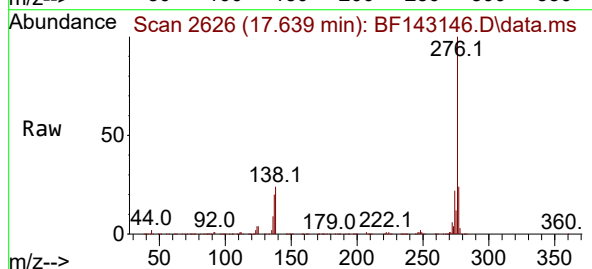
Manual Integrations
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Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#92
Benzo(g,h,i)perylene
Concen: 60.163 ng
RT: 17.639 min Scan# 2626
Delta R.T. 0.012 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:276 Resp: 1055168
Ion Ratio Lower Upper
276 100
277 23.7 19.1 28.7
138 24.2 18.9 28.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
 Data File : BF143147.D
 Acq On : 17 Jul 2025 14:34
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

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

Quant Time: Jul 17 15:05:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 14:54:43 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	145034	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	544516	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	275619	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	429046	20.000	ng	0.00
76) Chrysene-d12	14.127	240	245351	20.000	ng	0.00
86) Perylene-d12	15.627	264	296687	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	1300344	141.880	ng	0.00
7) Phenol-d6	6.593	99	1639937	142.159	ng	0.00
23) Nitrobenzene-d5	7.534	82	1644581	150.551	ng	0.01
42) 2,4,6-Tribromophenol	10.792	330	437054	153.498	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	2623071	130.157	ng	0.00
79) Terphenyl-d14	13.069	244	2202828	133.606	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.793	88	323993	74.710	ng	99
3) Pyridine	3.569	79	842446	74.844	ng	99
4) n-Nitrosodimethylamine	3.528	42	445612	76.677	ng	97
6) Aniline	6.628	93	1170943	72.831	ng	98
8) 2-Chlorophenol	6.751	128	699193	72.781	ng	99
9) Benzaldehyde	6.516	77	493544	57.055	ng	99
10) Phenol	6.610	94	888041m	70.663	ng	
11) bis(2-Chloroethyl)ether	6.698	93	697645	72.503	ng	100
12) 1,3-Dichlorobenzene	6.910	146	734699	70.400	ng	100
13) 1,4-Dichlorobenzene	6.987	146	739462	70.360	ng	99
14) 1,2-Dichlorobenzene	7.140	146	709300	70.958	ng	100
15) Benzyl Alcohol	7.104	79	661847	75.139	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.240	45	1265589	70.902	ng	99
17) 2-Methylphenol	7.210	107	595477	73.719	ng	99
18) Hexachloroethane	7.481	117	266665	73.293	ng	99
19) n-Nitroso-di-n-propyla...	7.387	70	528820	71.452	ng	99
20) 3+4-Methylphenols	7.369	107	673906	68.763	ng	# 87
22) Acetophenone	7.375	105	890890	69.107	ng	# 95
24) Nitrobenzene	7.551	77	751964	73.836	ng	100
25) Isophorone	7.792	82	1453353	75.366	ng	99
26) 2-Nitrophenol	7.863	139	364951	82.568	ng	100
27) 2,4-Dimethylphenol	7.898	122	649144	72.050	ng	99
28) bis(2-Chloroethoxy)met...	7.992	93	834021	72.134	ng	99
29) 2,4-Dichlorophenol	8.104	162	558665	73.527	ng	99
30) 1,2,4-Trichlorobenzene	8.187	180	588333	71.673	ng	99
31) Naphthalene	8.269	128	1854387	69.150	ng	100
32) Benzoic acid	8.028	122	423625m	79.801	ng	
33) 4-Chloroaniline	8.310	127	787243	71.895	ng	98
34) Hexachlorobutadiene	8.392	225	368327	73.453	ng	99
35) Caprolactam	8.698	113	178271	77.644	ng	96
36) 4-Chloro-3-methylphenol	8.792	107	614048	74.354	ng	99
37) 2-Methylnaphthalene	8.957	142	1137176	69.687	ng	100
38) 1-Methylnaphthalene	9.057	142	1168702	69.550	ng	100
40) 1,2,4,5-Tetrachloroben...	9.128	216	568070	71.389	ng	99
41) Hexachlorocyclopentadiene	9.122	237	412756	79.719	ng	100
43) 2,4,6-Trichlorophenol	9.234	196	412148	74.838	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
 Data File : BF143147.D
 Acq On : 17 Jul 2025 14:34
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

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

Quant Time: Jul 17 15:05:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 14:54:43 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	423565	76.888	ng	99
46) 1,1'-Biphenyl	9.428	154	1492094	69.388	ng	100
47) 2-Chloronaphthalene	9.451	162	1131626	71.122	ng	100
48) 2-Nitroaniline	9.534	65	404023	80.971	ng	96
49) Acenaphthylene	9.869	152	1868062	70.057	ng	100
50) Dimethylphthalate	9.728	163	1288559	71.723	ng	99
51) 2,6-Dinitrotoluene	9.781	165	292718	80.093	ng	99
52) Acenaphthene	10.039	154	1120315	71.086	ng	99
53) 3-Nitroaniline	9.951	138	333980	78.128	ng	98
54) 2,4-Dinitrophenol	10.051	184	133446	80.516	ng	# 40
55) Dibenzofuran	10.210	168	1615399	69.038	ng	99
56) 4-Nitrophenol	10.098	139	252698	79.161	ng	99
57) 2,4-Dinitrotoluene	10.186	165	376124	82.029	ng	96
58) Fluorene	10.551	166	1197731	68.203	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.322	232	340118	74.533	ng	100
60) Diethylphthalate	10.422	149	1276217	71.870	ng	99
61) 4-Chlorophenyl-phenyle...	10.539	204	614962	70.326	ng	99
62) 4-Nitroaniline	10.569	138	291926	79.680	ng	98
63) Azobenzene	10.704	77	1318720	71.255	ng	99
65) 4,6-Dinitro-2-methylph...	10.592	198	186415	78.948	ng	98
66) n-Nitrosodiphenylamine	10.663	169	1087990	72.014	ng	98
67) 4-Bromophenyl-phenylether	11.033	248	382122	74.734	ng	98
68) Hexachlorobenzene	11.104	284	399107	74.680	ng	96
69) Atrazine	11.180	200	324126	77.819	ng	99
70) Pentachlorophenol	11.286	266	257176	81.829	ng	98
71) Phenanthrene	11.516	178	1602208	70.331	ng	100
72) Anthracene	11.563	178	1641264	70.640	ng	100
73) Carbazole	11.710	167	1435444	70.754	ng	99
74) Di-n-butylphthalate	12.045	149	1699503	74.034	ng	100
75) Fluoranthene	12.698	202	1498103	71.645	ng	99
78) Pyrene	12.927	202	1466205	70.021	ng	100
80) Butylbenzylphthalate	13.539	149	521631	81.353	ng	99
81) Benzo(a)anthracene	14.116	228	1212056	73.788	ng	100
82) 3,3'-Dichlorobenzidine	14.074	252	393448	71.867	ng	99
83) Chrysene	14.151	228	1105636	74.863	ng	100
84) Bis(2-ethylhexyl)phtha...	14.104	149	774366	79.790	ng	99
85) Di-n-octyl phthalate	14.716	149	1434055	81.519	ng	99
87) Indeno(1,2,3-cd)pyrene	17.174	276	1604969	76.718	ng	99
88) Benzo(b)fluoranthene	15.186	252	1438518	79.367	ng	100
89) Benzo(k)fluoranthene	15.216	252	1111726	68.737	ng	100
90) Benzo(a)pyrene	15.568	252	1269253	76.006	ng	99
91) Dibenzo(a,h)anthracene	17.198	278	1289789	75.746	ng	99
92) Benzo(g,h,i)perylene	17.645	276	1265778	76.846	ng	100

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

```

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143147.D
Acq On    : 17 Jul 2025   14:34
Operator  : RC/JU
Sample    : SSTDICC080
Misc      :
ALS Vial  : 10    Sample Multiplier: 1

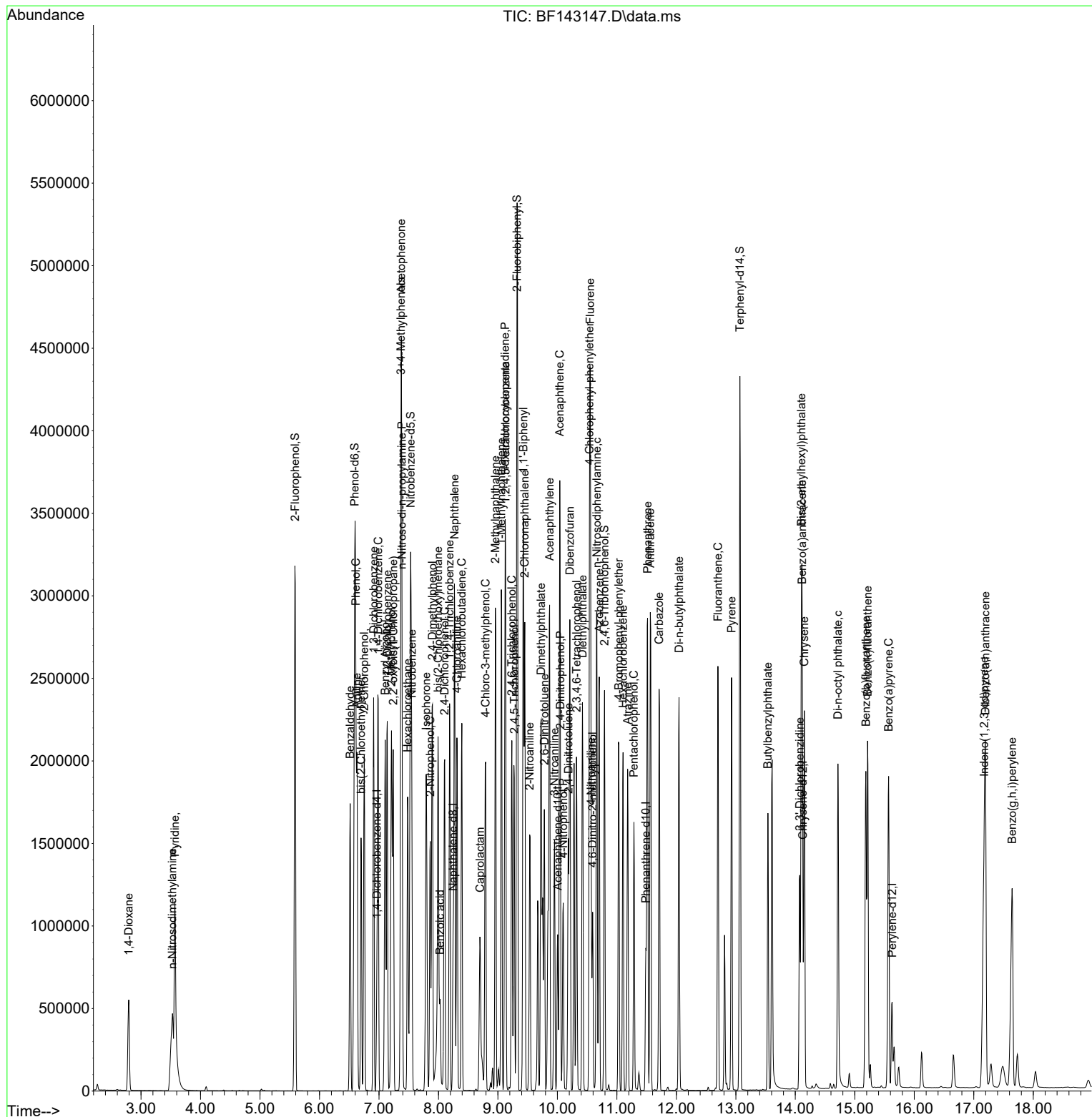
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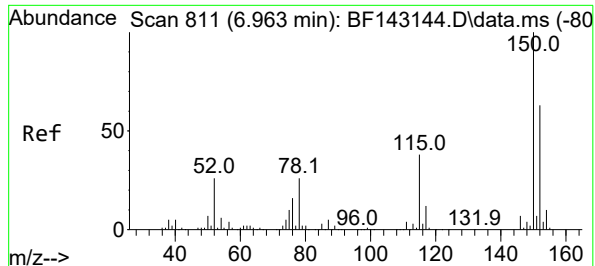
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

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

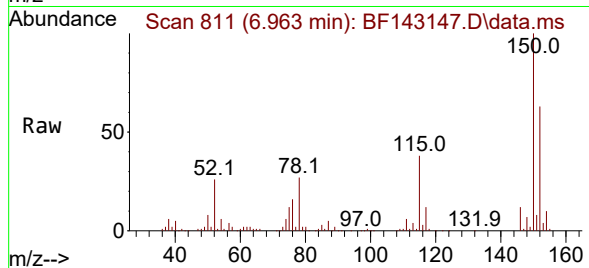
Quant Time: Jul 17 15:05:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

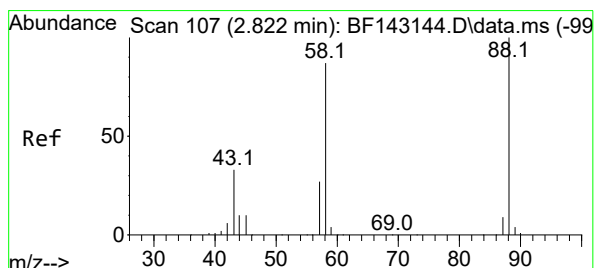
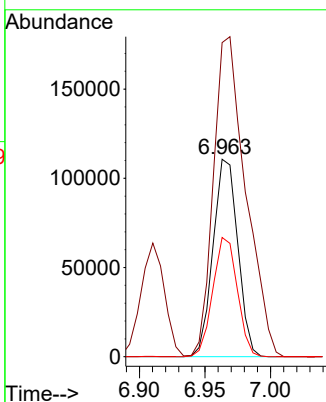
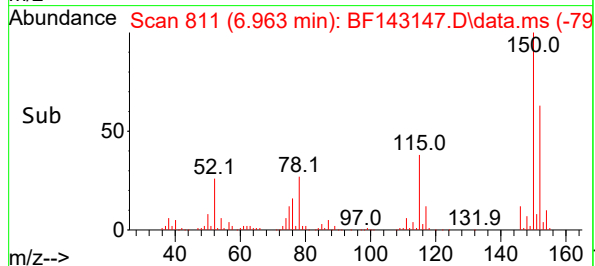
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:152 Resp: 145034
Ion Ratio Lower Upper
152 100
150 159.0 128.2 192.4
115 60.4 47.9 71.9

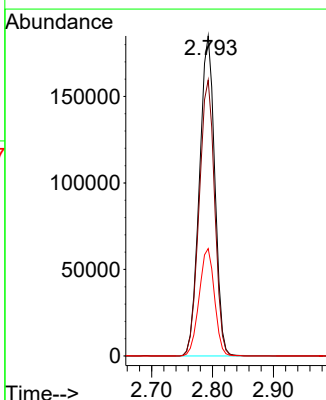
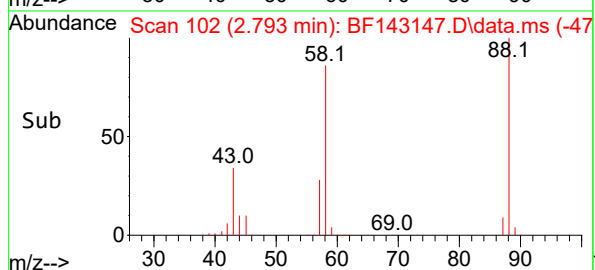
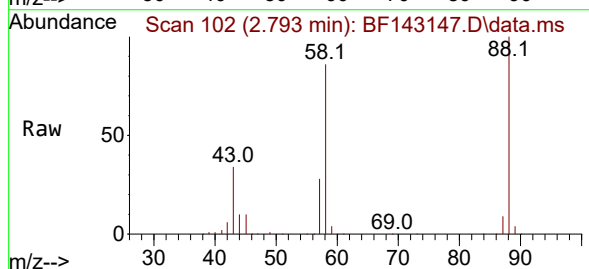
Manual Integrations
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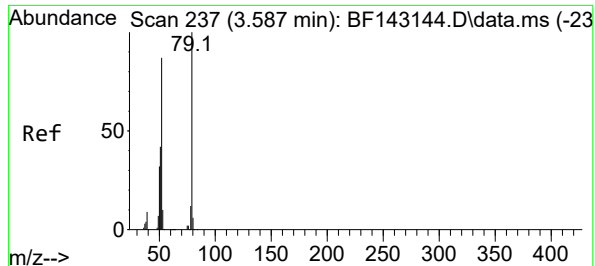
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#2
1,4-Dioxane
Concen: 74.710 ng
RT: 2.793 min Scan# 102
Delta R.T. -0.029 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

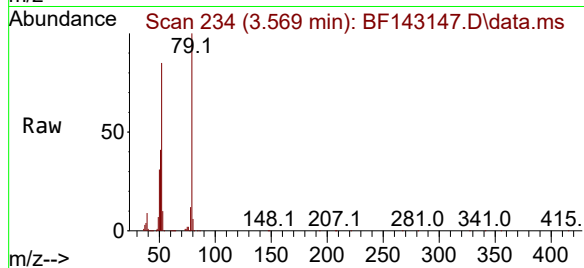
Tgt Ion: 88 Resp: 323993
Ion Ratio Lower Upper
88 100
58 86.8 70.2 105.2
43 33.6 27.1 40.7





#3
Pyridine
Concen: 74.844 ng
RT: 3.569 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

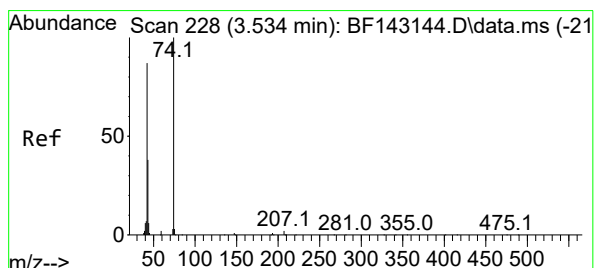
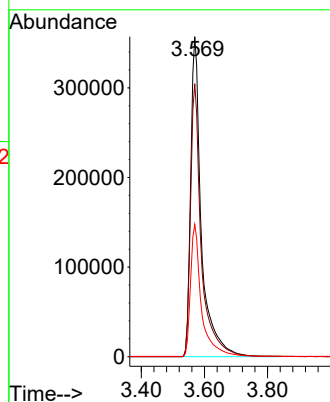
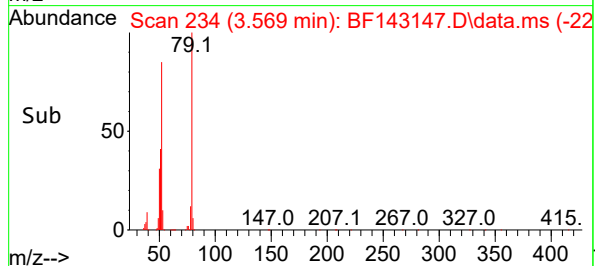
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion: 79 Resp: 842440
Ion Ratio Lower Upper
79 100
52 85.3 69.4 104.2
51 41.4 33.5 50.3

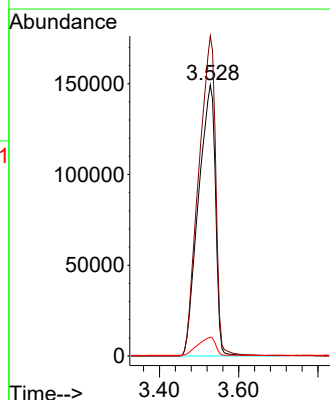
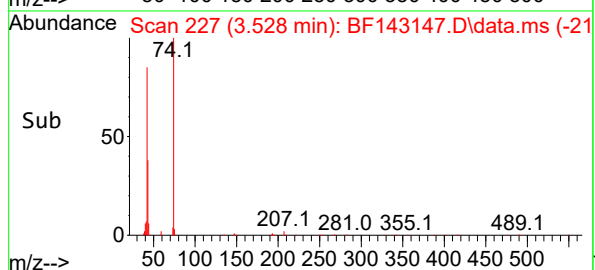
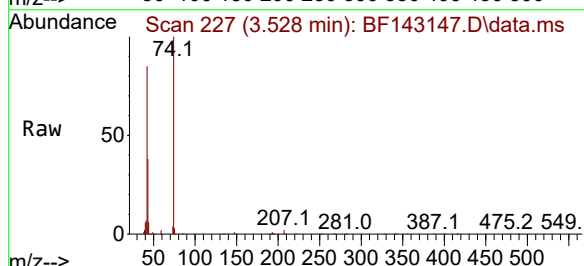
Manual Integrations
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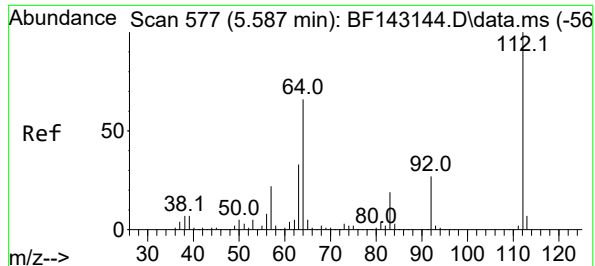
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#4
n-Nitrosodimethylamine
Concen: 76.677 ng
RT: 3.528 min Scan# 227
Delta R.T. -0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

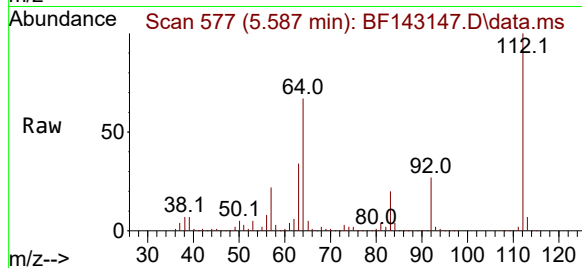
Tgt Ion: 42 Resp: 445612
Ion Ratio Lower Upper
42 100
74 118.0 91.7 137.5
44 6.9 5.6 8.4





#5
2-Fluorophenol
Concen: 141.880 ng
RT: 5.587 min Scan# 511
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

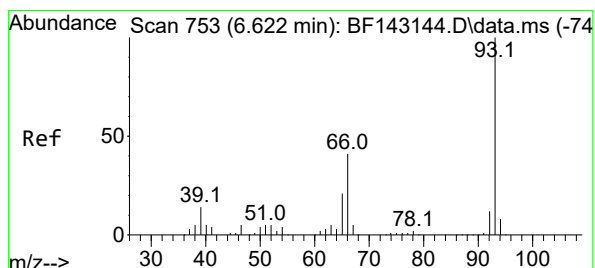
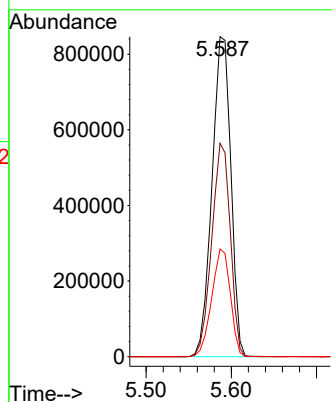
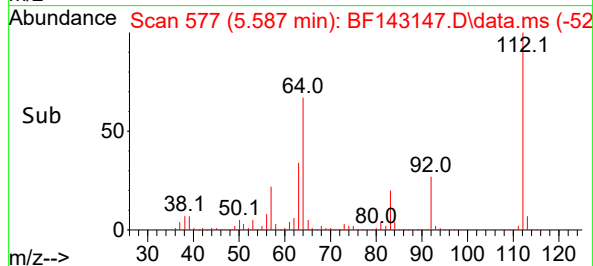
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:112 Resp: 1300344
Ion Ratio Lower Upper
112 100
64 66.6 53.1 79.7
63 33.6 26.6 40.0

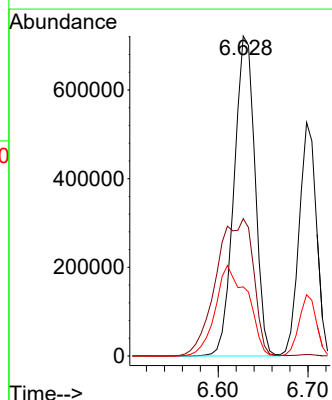
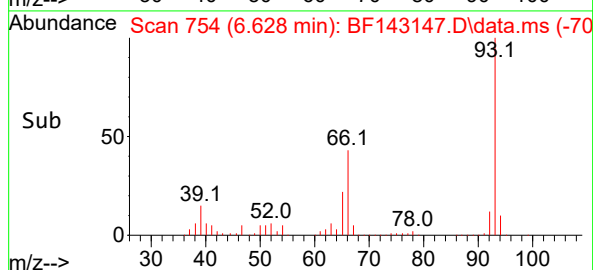
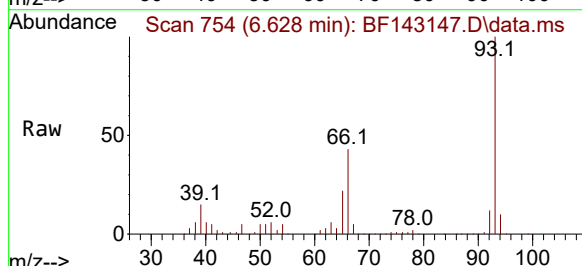
Manual Integrations
APPROVED

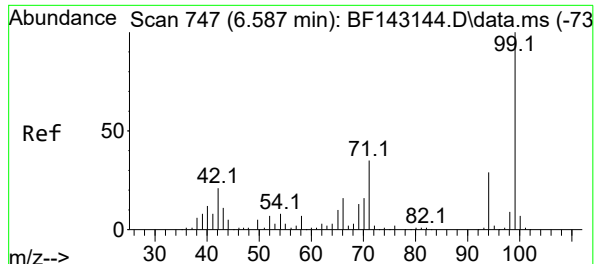
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#6
Aniline
Concen: 72.831 ng
RT: 6.628 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 93 Resp: 1170943
Ion Ratio Lower Upper
93 100
66 42.9 33.2 49.8
65 21.6 16.9 25.3





#7

Phenol-d6

Concen: 142.159 ng

RT: 6.593 min Scan# 747

Delta R.T. 0.006 min

Lab File: BF143147.D

Acq: 17 Jul 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 99 Resp: 163993

Ion Ratio Lower Upper

99 100

42 21.1 17.0 25.6

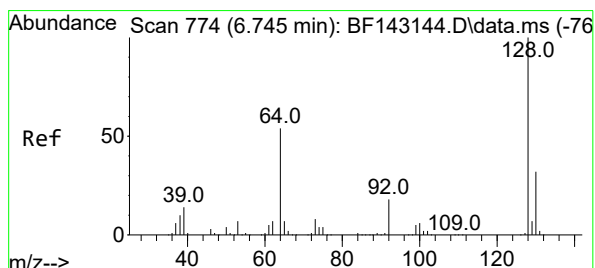
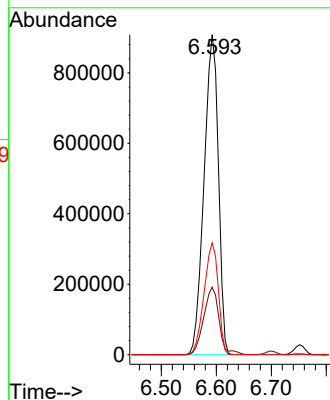
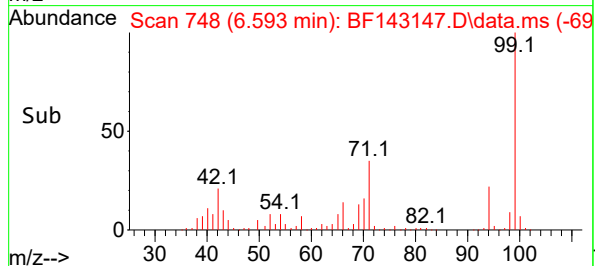
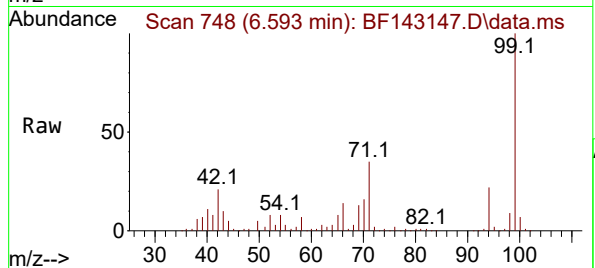
71 35.0 27.7 41.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#8

2-Chlorophenol

Concen: 72.781 ng

RT: 6.751 min Scan# 775

Delta R.T. 0.006 min

Lab File: BF143147.D

Acq: 17 Jul 2025 14:34

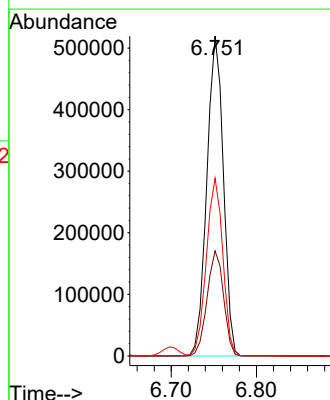
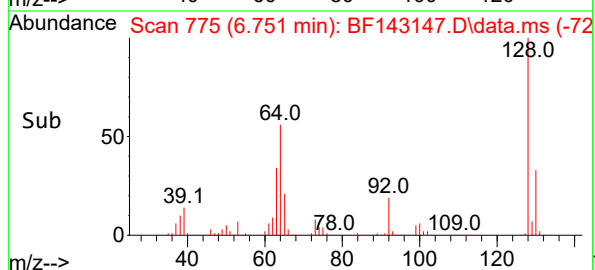
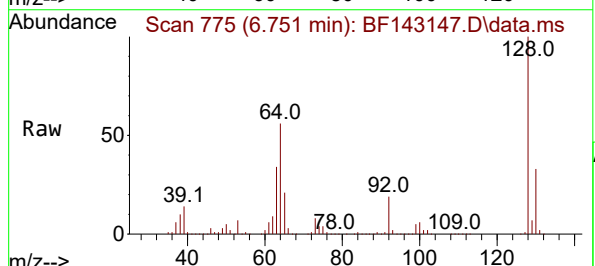
Tgt Ion:128 Resp: 699193

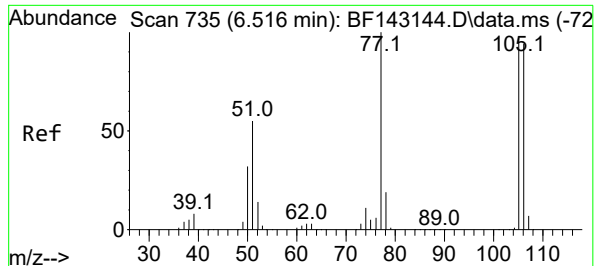
Ion Ratio Lower Upper

128 100

130 32.9 12.3 52.3

64 55.5 35.9 75.9





#9

Benzaldehyde

Concen: 57.055 ng

RT: 6.516 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF143147.D

Acq: 17 Jul 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 77 Resp: 493544

Ion Ratio Lower Upper

77 100

105 96.2 76.8 116.8

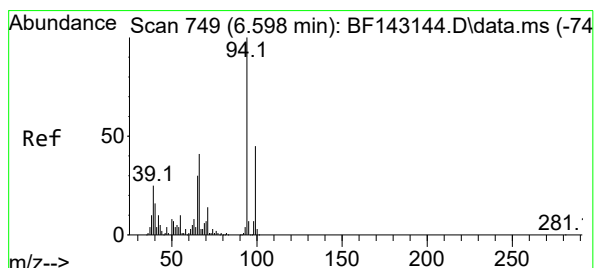
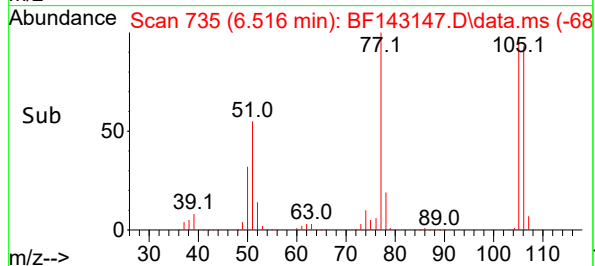
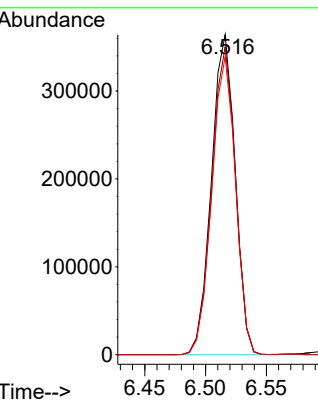
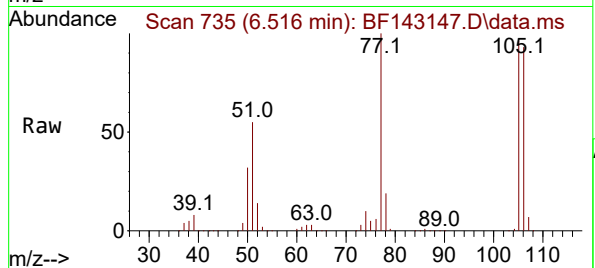
106 93.1 74.4 114.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#10

Phenol

Concen: 70.663 ng m

RT: 6.610 min Scan# 751

Delta R.T. 0.012 min

Lab File: BF143147.D

Acq: 17 Jul 2025 14:34

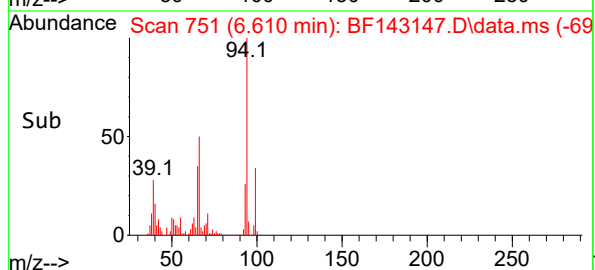
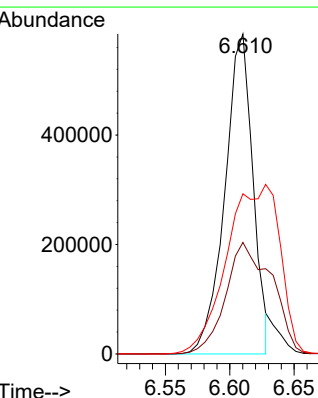
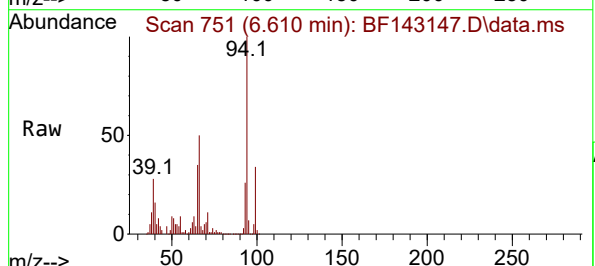
Tgt Ion: 94 Resp: 888041

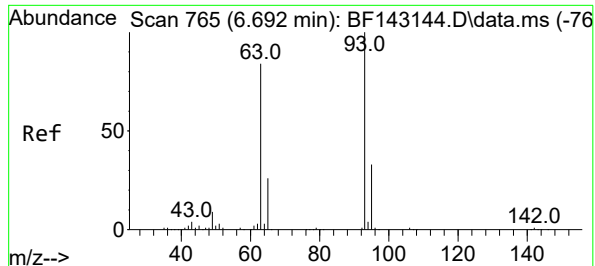
Ion Ratio Lower Upper

94 100

65 34.9 10.0 50.0

66 50.1 20.8 60.8





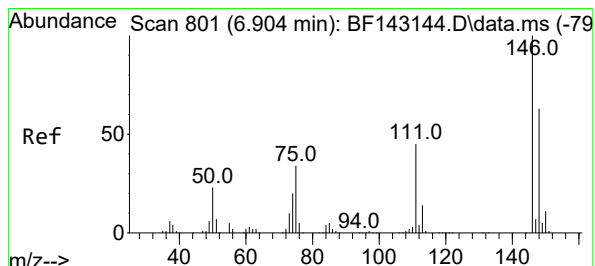
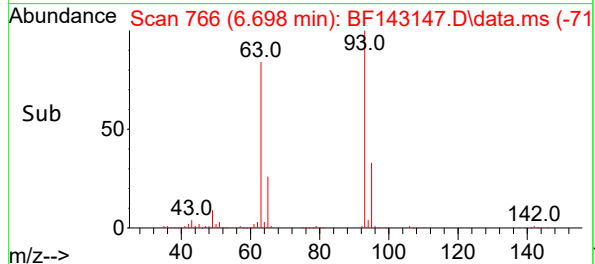
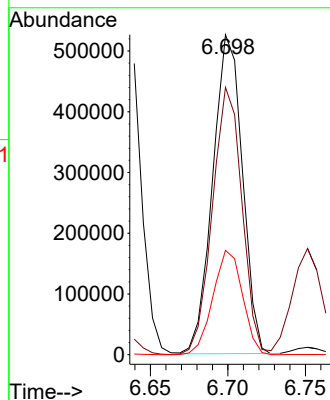
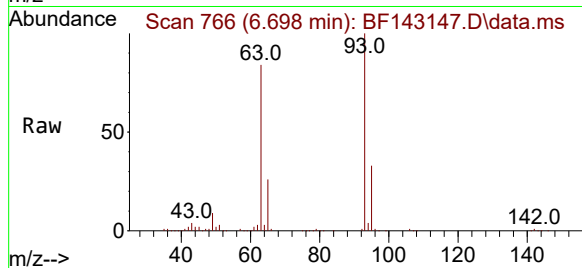
#11
bis(2-Chloroethyl)ether
Concen: 72.503 ng
RT: 6.698 min Scan# 766
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 93 Resp: 697649
Ion Ratio Lower Upper
93 100
63 83.6 63.4 103.4
95 32.6 12.4 52.4

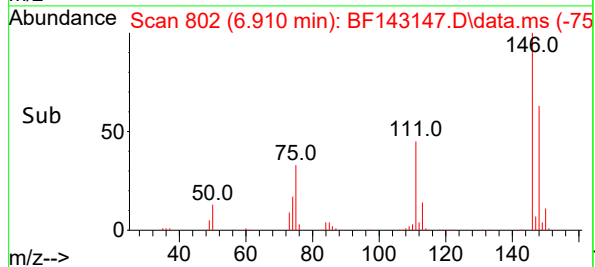
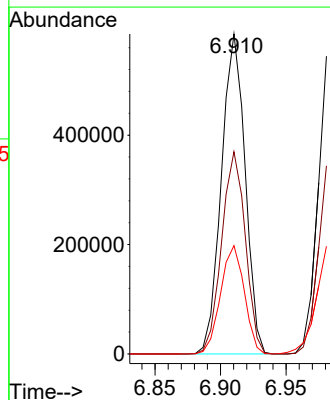
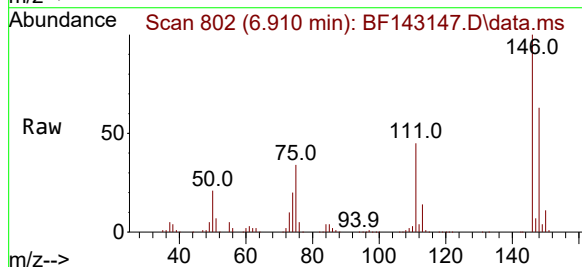
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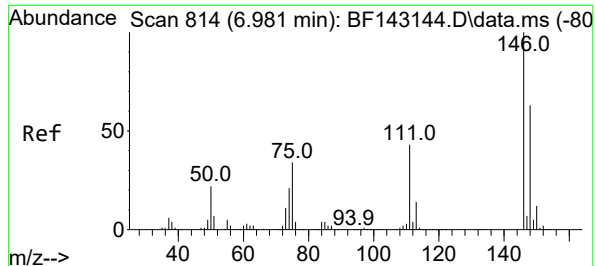
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#12
1,3-Dichlorobenzene
Concen: 70.400 ng
RT: 6.910 min Scan# 802
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:146 Resp: 734699
Ion Ratio Lower Upper
146 100
148 63.2 50.6 76.0
75 33.9 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 70.360 ng

RT: 6.987 min Scan# 814

Delta R.T. 0.006 min

Lab File: BF143147.D

Acq: 17 Jul 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:146 Resp: 739462

Ion Ratio Lower Upper

146 100

148 64.1 50.3 75.5

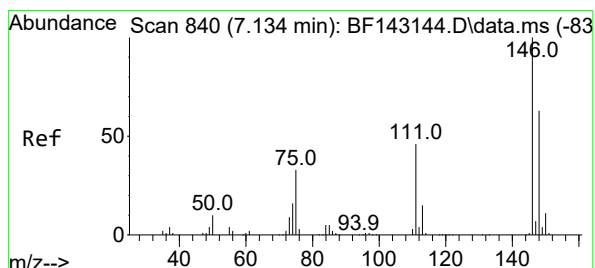
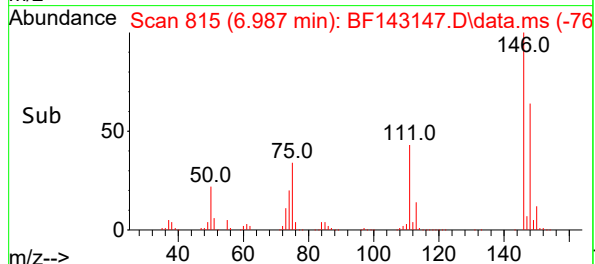
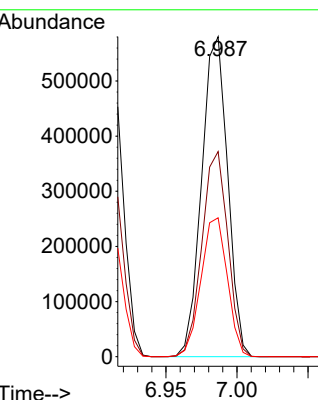
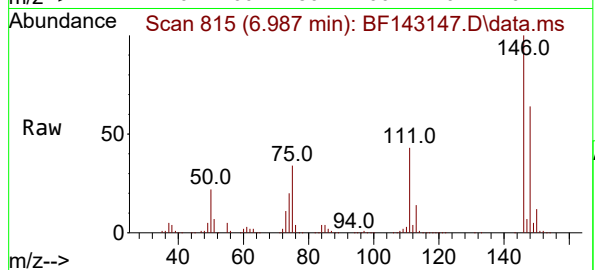
111 43.4 34.4 51.6

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#14

1,2-Dichlorobenzene

Concen: 70.958 ng

RT: 7.140 min Scan# 841

Delta R.T. 0.006 min

Lab File: BF143147.D

Acq: 17 Jul 2025 14:34

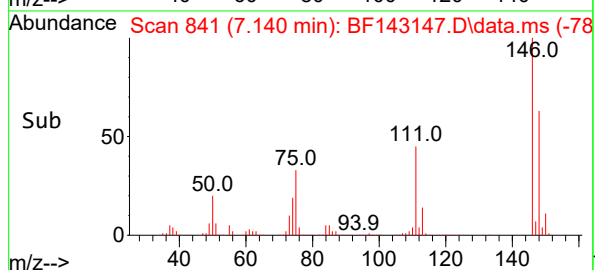
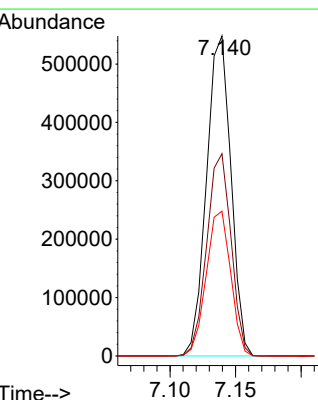
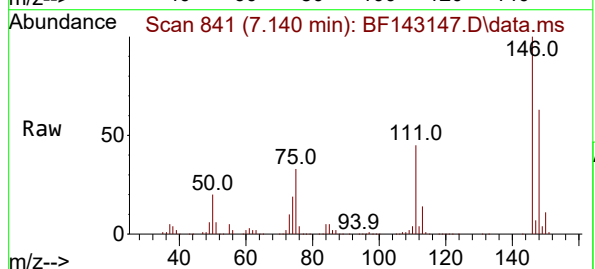
Tgt Ion:146 Resp: 709300

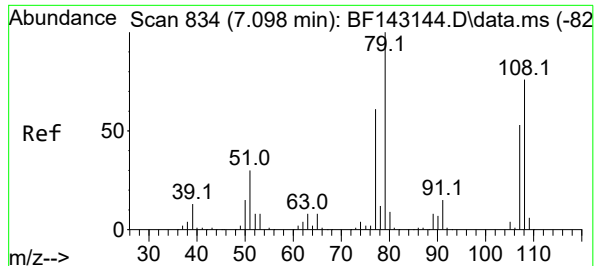
Ion Ratio Lower Upper

146 100

148 63.2 50.7 76.1

111 45.3 36.6 54.8





#15

Benzyl Alcohol

Concen: 75.139 ng

RT: 7.104 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF143147.D

Acq: 17 Jul 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 79 Resp: 66184

Ion Ratio Lower Upper

79 100

108 75.8 61.1 91.7

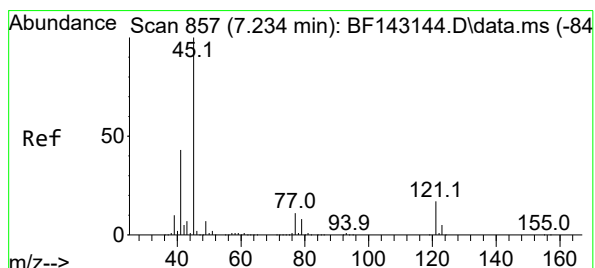
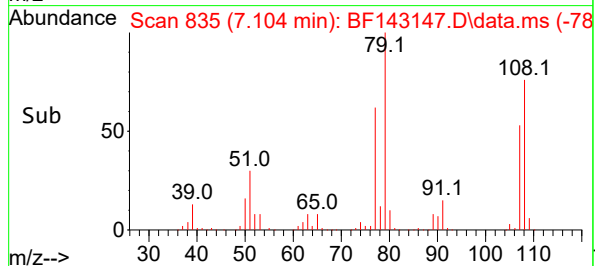
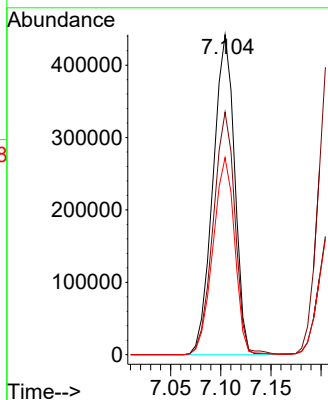
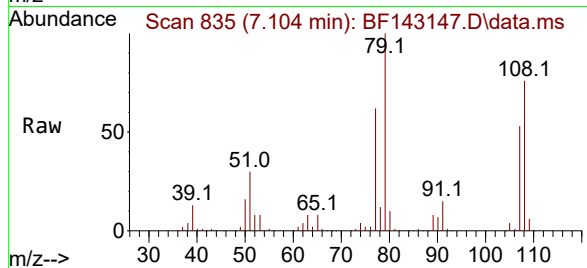
77 61.6 48.9 73.3

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 70.902 ng

RT: 7.240 min Scan# 858

Delta R.T. 0.006 min

Lab File: BF143147.D

Acq: 17 Jul 2025 14:34

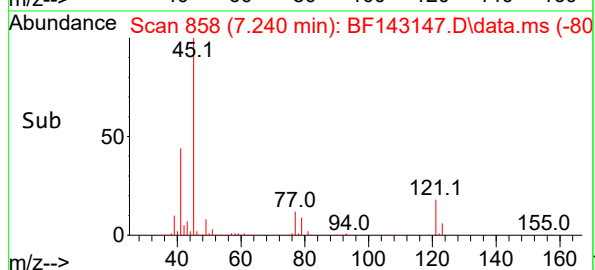
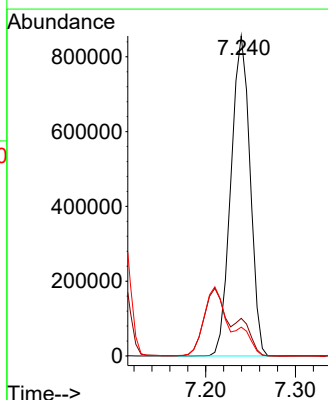
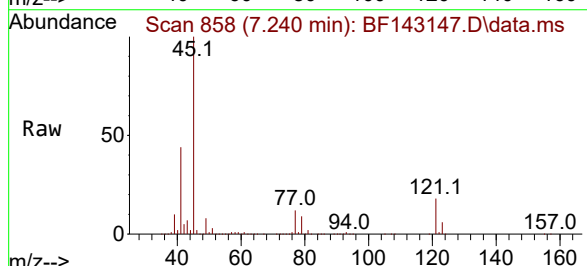
Tgt Ion: 45 Resp: 1265589

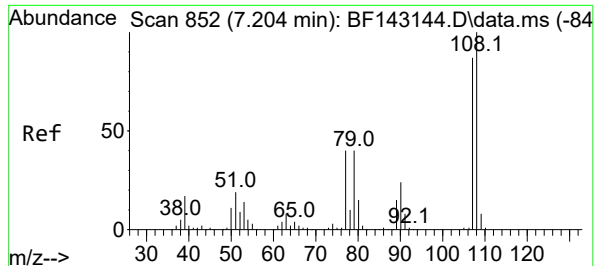
Ion Ratio Lower Upper

45 100

77 11.8 0.0 31.2

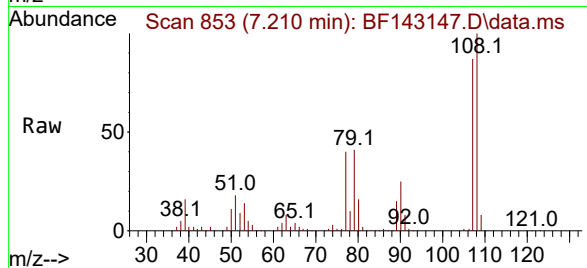
79 9.0 0.0 28.5





#17
2-Methylphenol
Concen: 73.719 ng
RT: 7.210 min Scan# 810
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

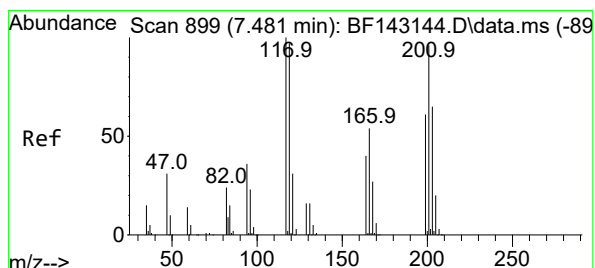
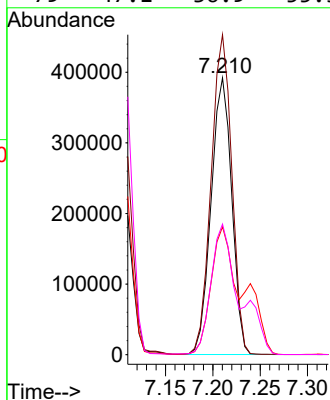
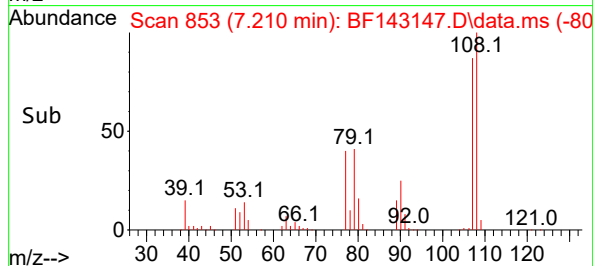
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:107 Resp: 59547
Ion Ratio Lower Upper
107 100
108 115.6 91.8 137.6
77 46.2 37.0 55.6
79 47.1 36.9 55.3

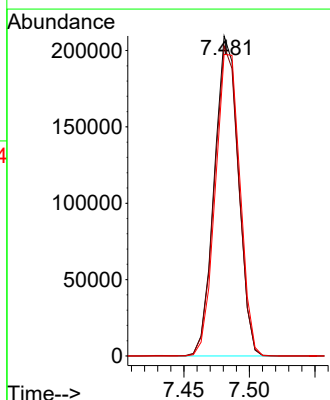
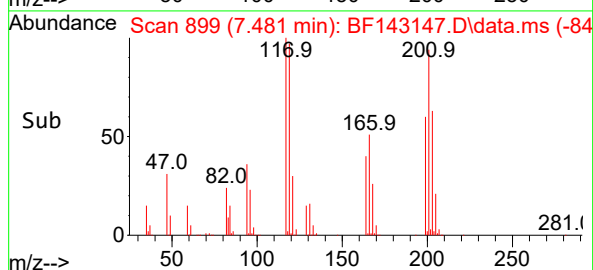
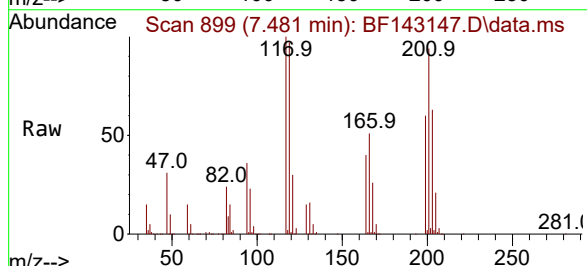
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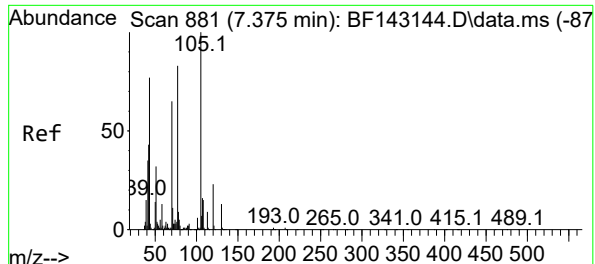
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#18
Hexachloroethane
Concen: 73.293 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:117 Resp: 266665
Ion Ratio Lower Upper
117 100
119 96.9 77.8 116.8
201 94.3 77.0 115.4





#19

n-Nitroso-di-n-propylamine

Concen: 71.452 ng

RT: 7.387 min Scan# 881

Delta R.T. 0.012 min

Lab File: BF143147.D

Acq: 17 Jul 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 70 Resp: 528820

Ion Ratio Lower Upper

70 100

42 64.4 52.5 78.7

101 9.9 7.6 11.4

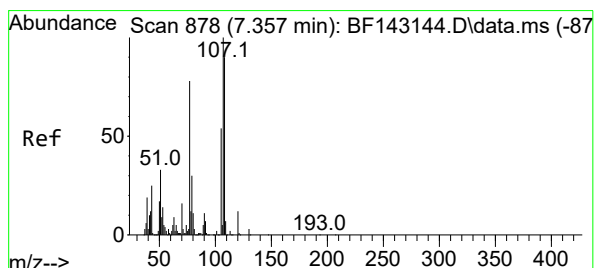
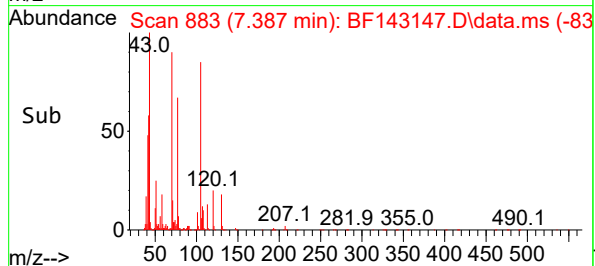
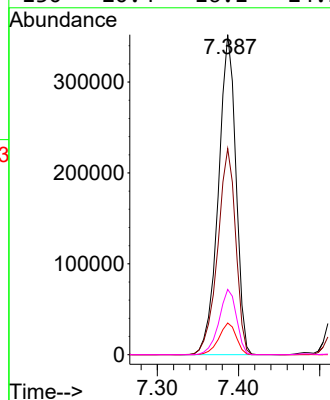
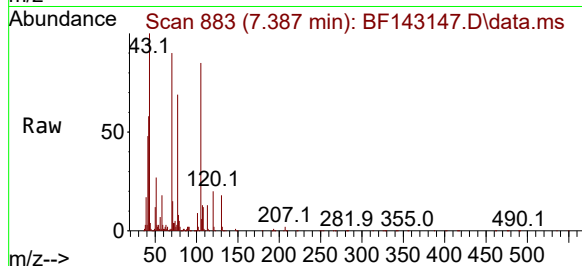
130 20.4 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#20

3+4-Methylphenols

Concen: 68.763 ng

RT: 7.369 min Scan# 880

Delta R.T. 0.012 min

Lab File: BF143147.D

Acq: 17 Jul 2025 14:34

Tgt Ion:107 Resp: 673906

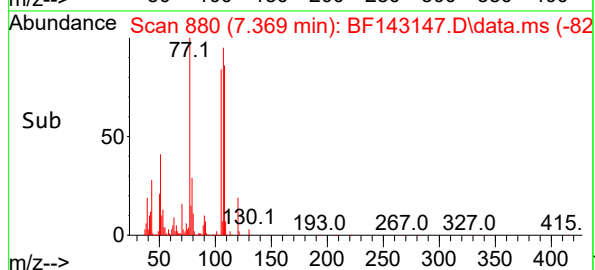
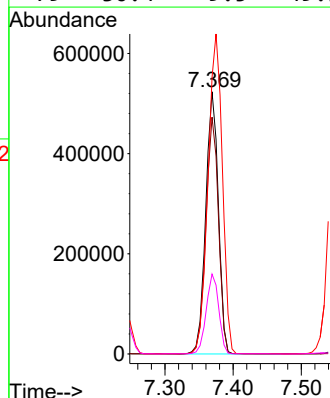
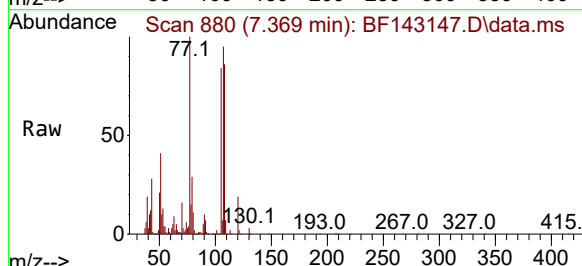
Ion Ratio Lower Upper

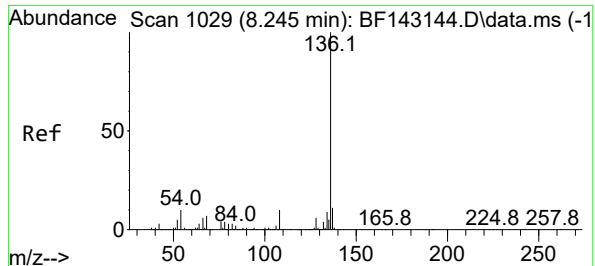
107 100

108 90.3 70.0 110.0

77 105.4 57.8 97.8#

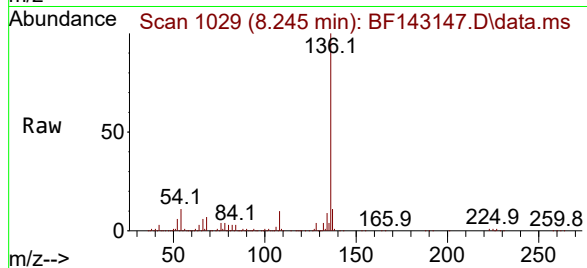
79 30.4 9.5 49.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

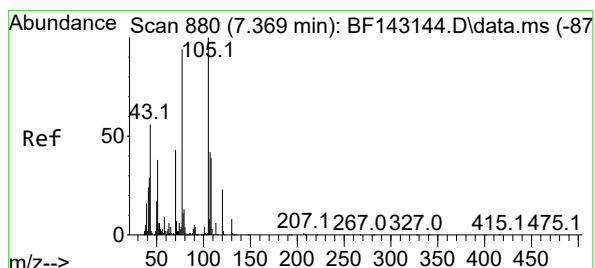
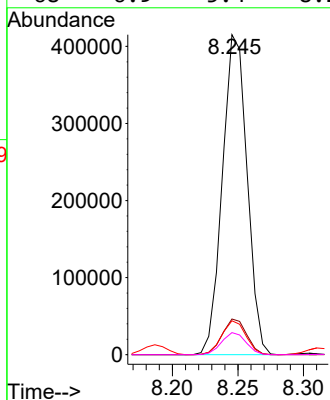
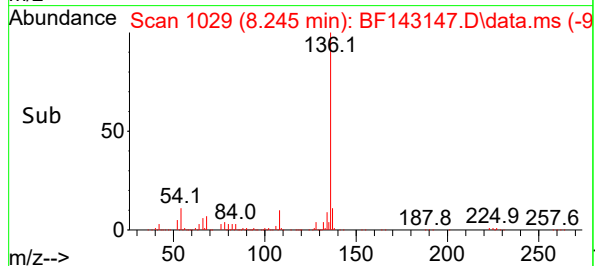
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:136 Resp: 544510
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 10.6 8.2 12.2
68 6.9 5.4 8.2

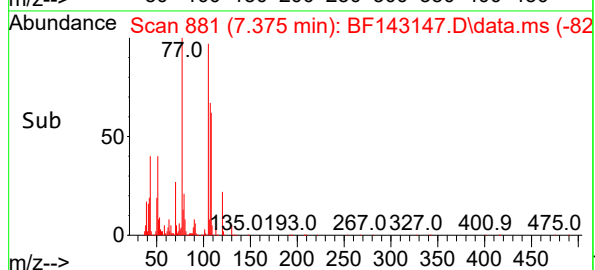
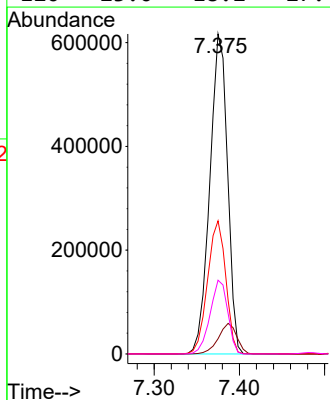
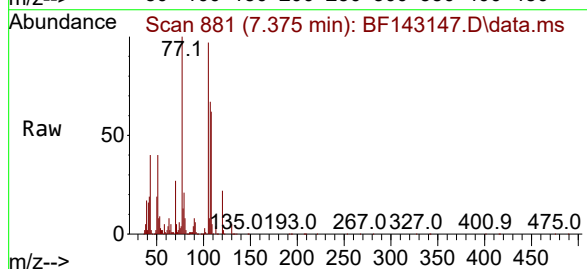
Manual Integrations
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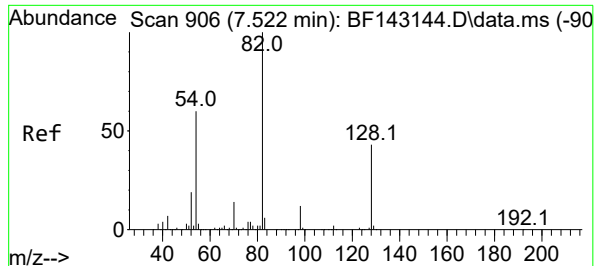
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#22
Acetophenone
Concen: 69.107 ng
RT: 7.375 min Scan# 881
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:105 Resp: 890890
Ion Ratio Lower Upper
105 100
71 4.8 5.8 8.6#
51 41.6 30.2 45.2
120 23.0 18.2 27.4





#23

Nitrobenzene-d5

Concen: 150.551 ng

RT: 7.534 min Scan# 906

Delta R.T. 0.012 min

Lab File: BF143147.D

Acq: 17 Jul 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 82 Resp: 164458

Ion Ratio Lower Upper

82 100

128 43.4 33.6 50.4

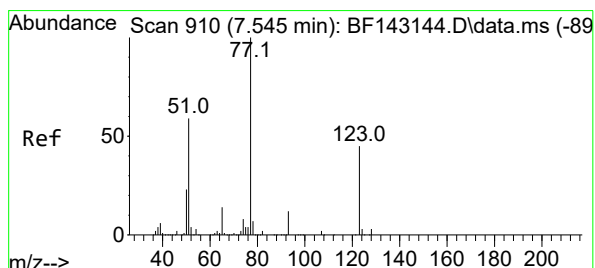
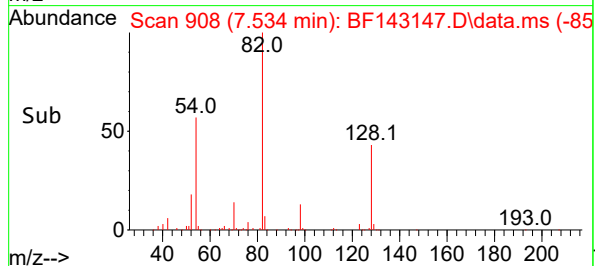
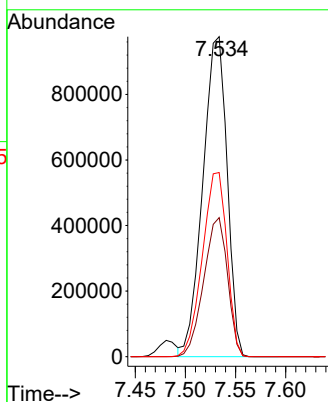
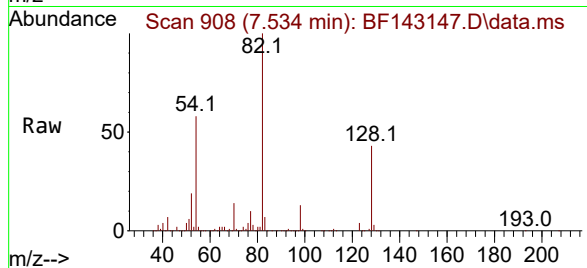
54 57.5 47.1 70.7

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#24

Nitrobenzene

Concen: 73.836 ng

RT: 7.551 min Scan# 911

Delta R.T. 0.006 min

Lab File: BF143147.D

Acq: 17 Jul 2025 14:34

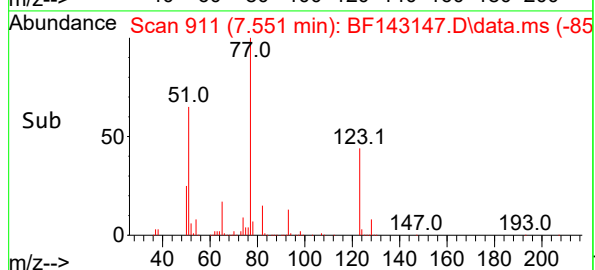
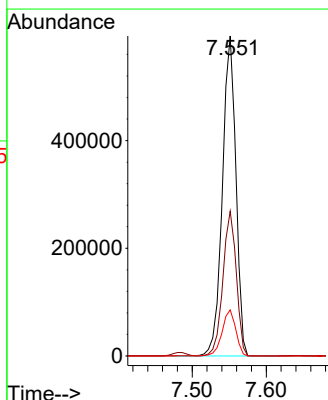
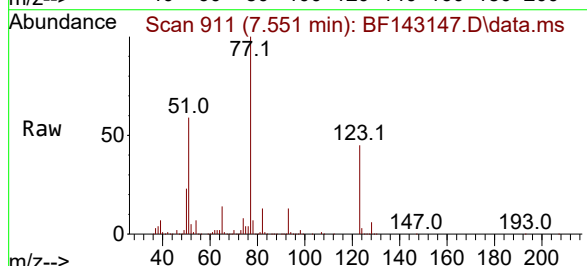
Tgt Ion: 77 Resp: 751964

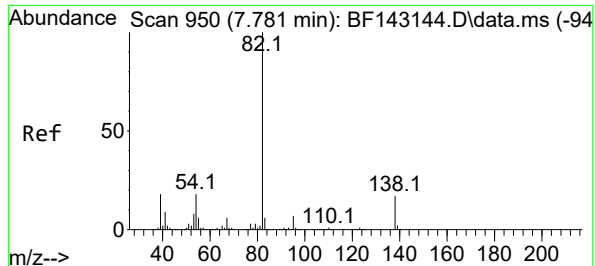
Ion Ratio Lower Upper

77 100

123 45.2 36.1 54.1

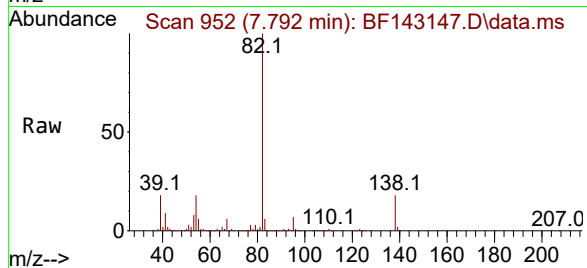
65 14.4 11.4 17.2





#25
Isophorone
Concen: 75.366 ng
RT: 7.792 min Scan# 952
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

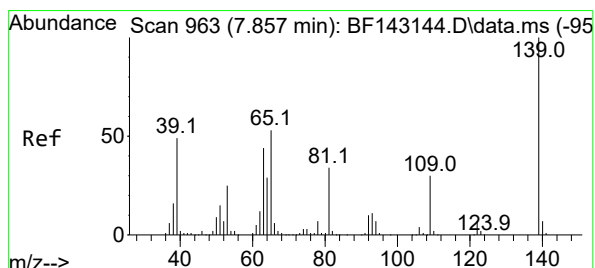
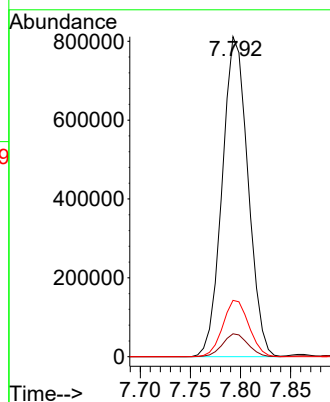
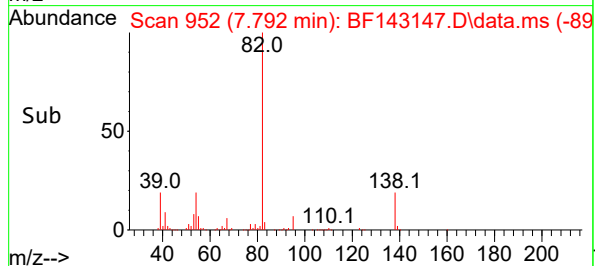
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion: 82 Resp: 145335
Ion Ratio Lower Upper
82 100
95 7.2 5.5 8.3
138 17.6 13.8 20.8

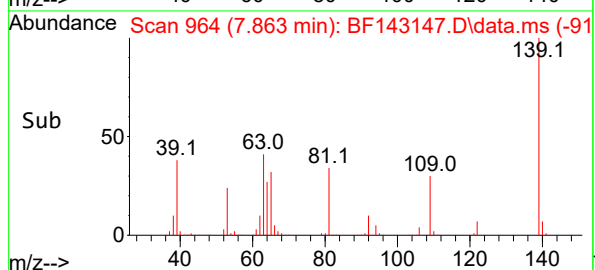
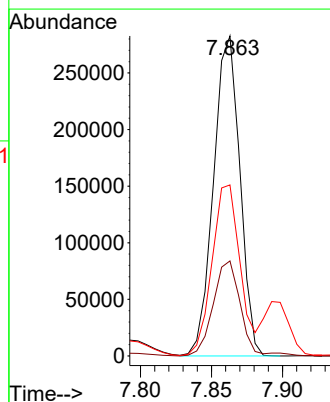
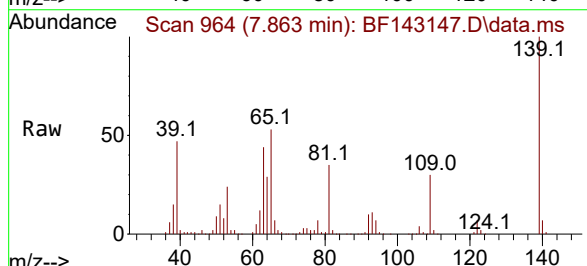
Manual Integrations
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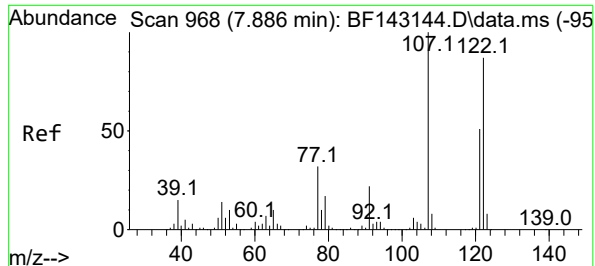
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#26
2-Nitrophenol
Concen: 82.568 ng
RT: 7.863 min Scan# 964
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:139 Resp: 364951
Ion Ratio Lower Upper
139 100
109 29.7 23.6 35.4
65 53.4 42.6 64.0





#27

2,4-Dimethylphenol

Concen: 72.050 ng

RT: 7.898 min Scan# 91

Delta R.T. 0.012 min

Lab File: BF143147.D

Acq: 17 Jul 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:122 Resp: 64914

Ion Ratio Lower Upper

122 100

107 115.7 91.8 137.6

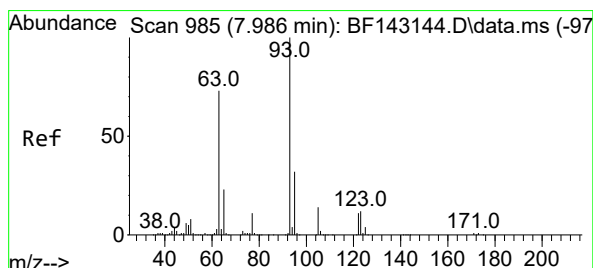
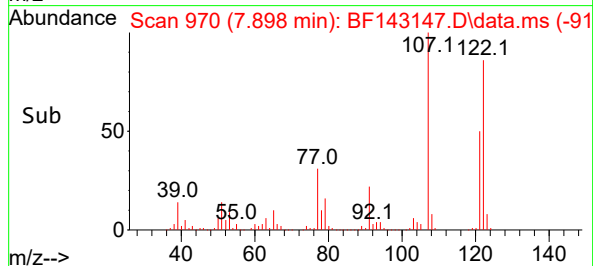
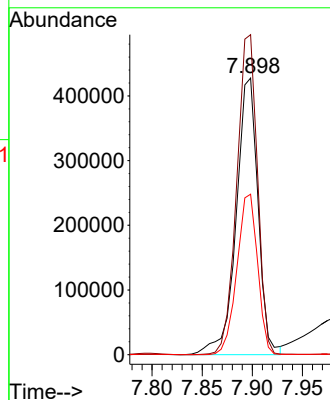
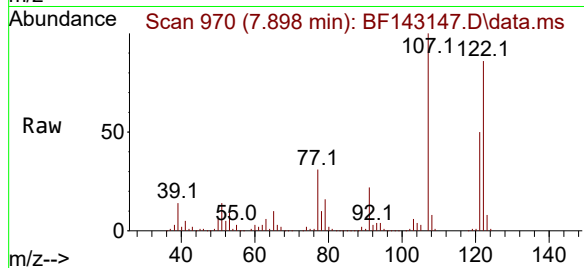
121 58.0 46.3 69.5

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#28

bis(2-Chloroethoxy)methane

Concen: 72.134 ng

RT: 7.992 min Scan# 986

Delta R.T. 0.006 min

Lab File: BF143147.D

Acq: 17 Jul 2025 14:34

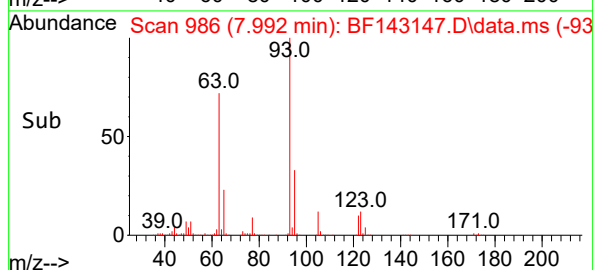
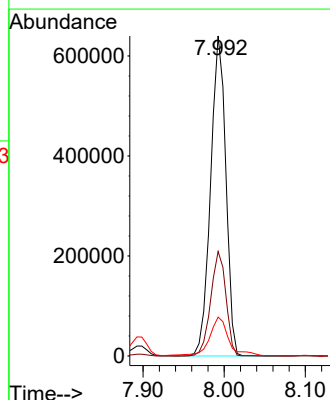
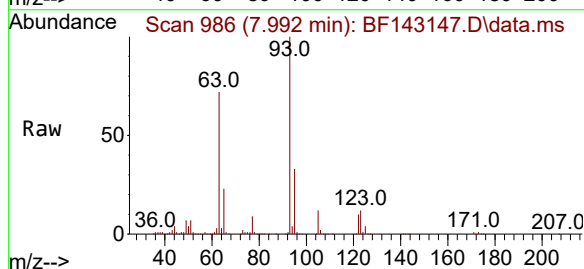
Tgt Ion: 93 Resp: 834021

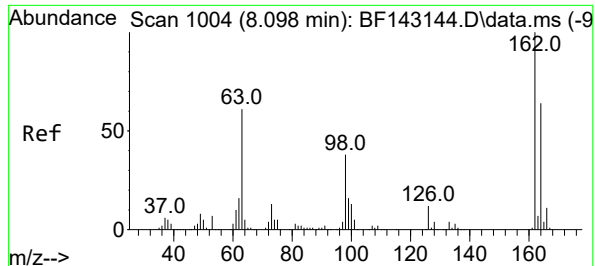
Ion Ratio Lower Upper

93 100

95 32.7 25.8 38.6

123 12.2 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 73.527 ng

RT: 8.104 min Scan# 1005

Delta R.T. 0.006 min

Lab File: BF143147.D

Acq: 17 Jul 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:162 Resp: 55866

Ion Ratio Lower Upper

162 100

164 63.9 44.2 84.2

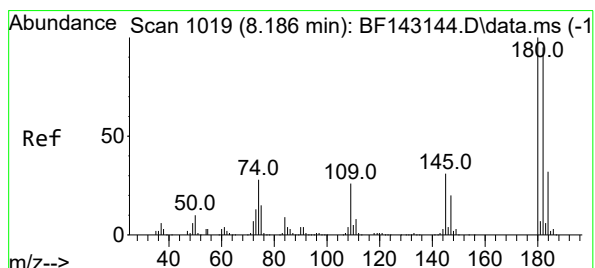
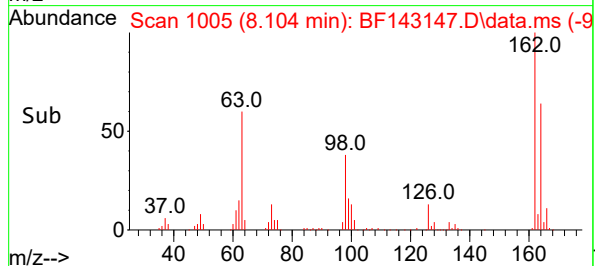
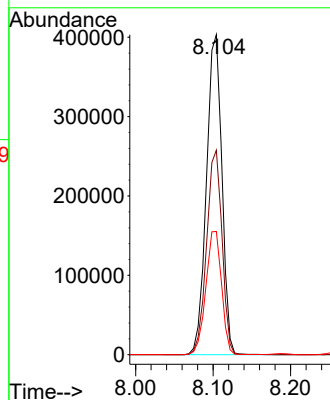
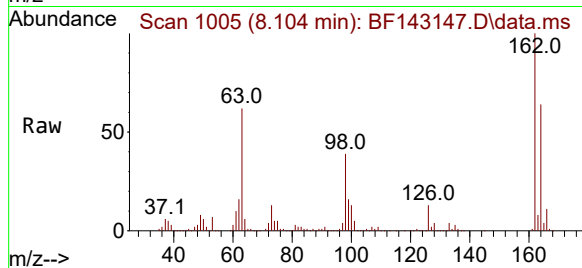
98 38.5 17.9 57.9

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#30

1,2,4-Trichlorobenzene

Concen: 71.673 ng

RT: 8.187 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF143147.D

Acq: 17 Jul 2025 14:34

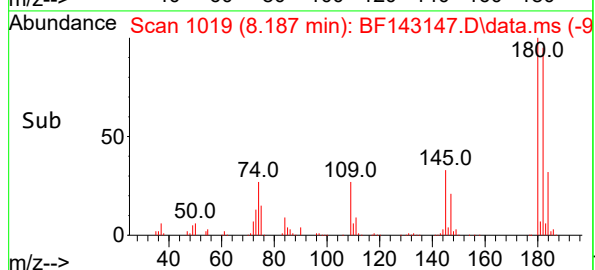
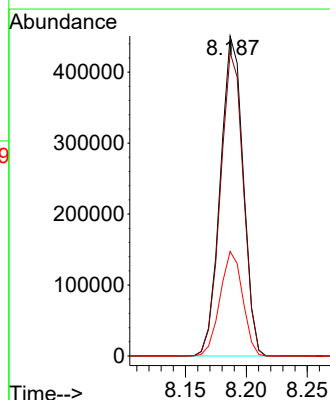
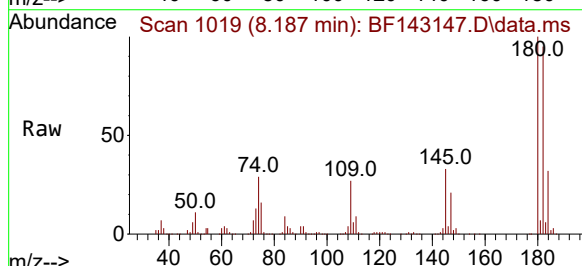
Tgt Ion:180 Resp: 588333

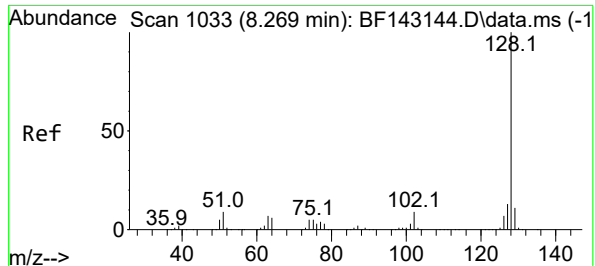
Ion Ratio Lower Upper

180 100

182 94.9 76.2 114.2

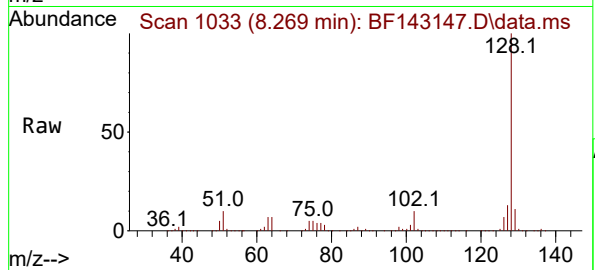
145 32.7 25.0 37.6





#31
Naphthalene
Concen: 69.150 ng
RT: 8.269 min Scan# 1033
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

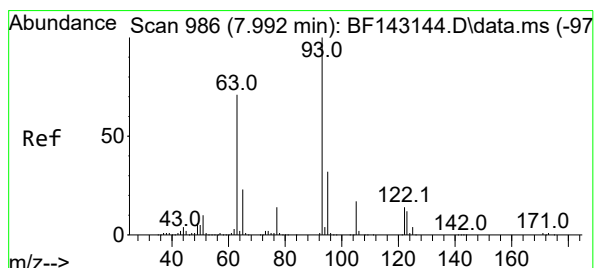
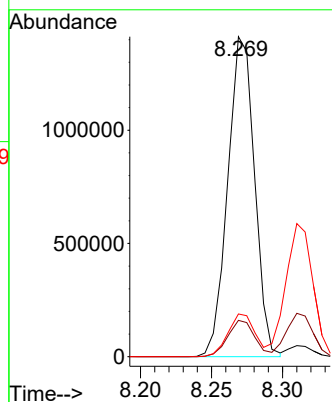
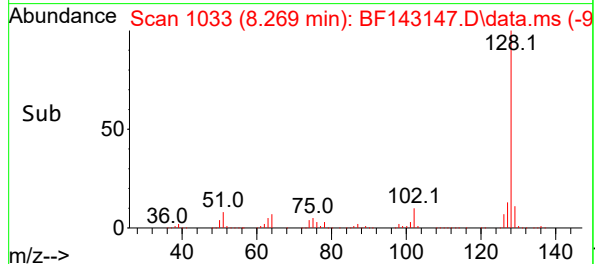
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:128 Resp: 185438
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.4
127 13.3 10.6 16.0

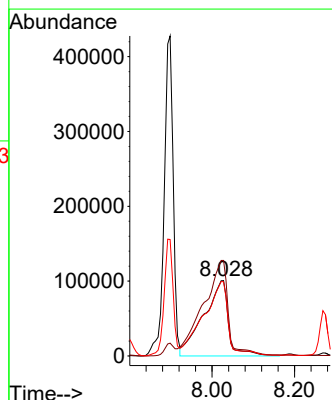
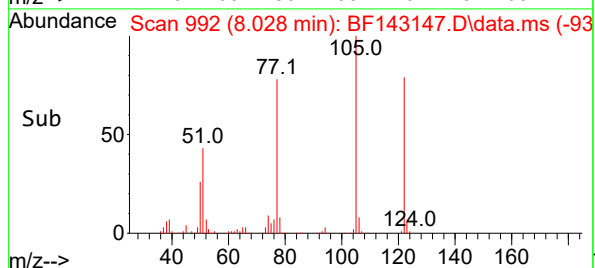
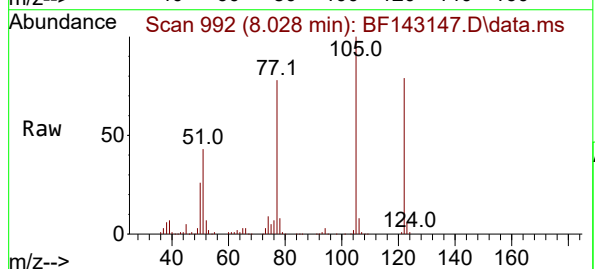
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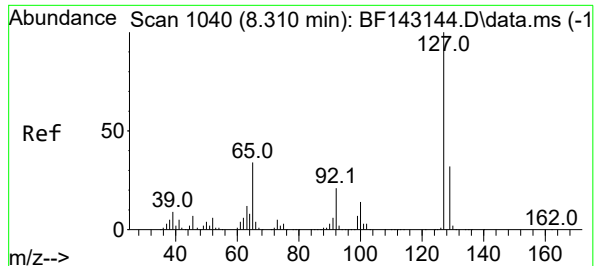
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#32
Benzoic acid
Concen: 79.801 ng m
RT: 8.028 min Scan# 992
Delta R.T. 0.036 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

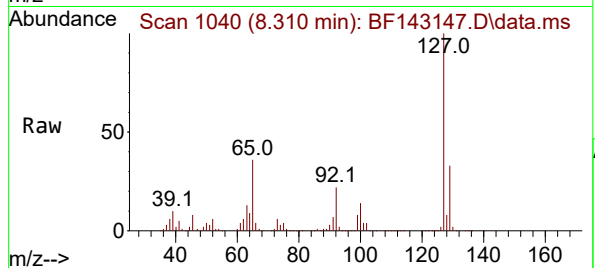
Tgt Ion:122 Resp: 423625
Ion Ratio Lower Upper
122 100
105 126.7 104.8 144.8
77 98.6 77.6 117.6





#33
4-Chloroaniline
Concen: 71.895 ng
RT: 8.310 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

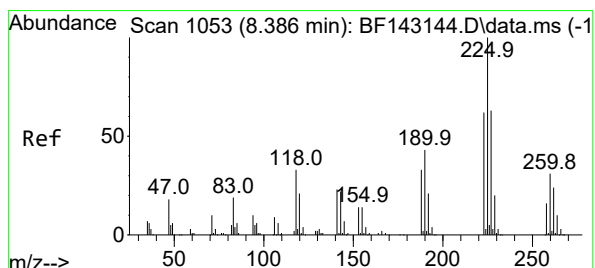
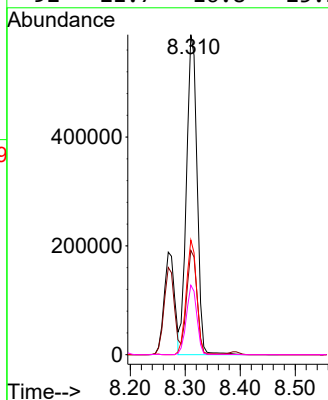
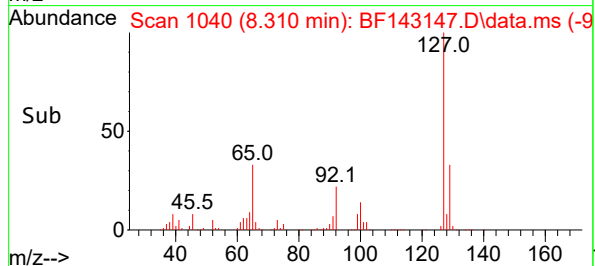
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



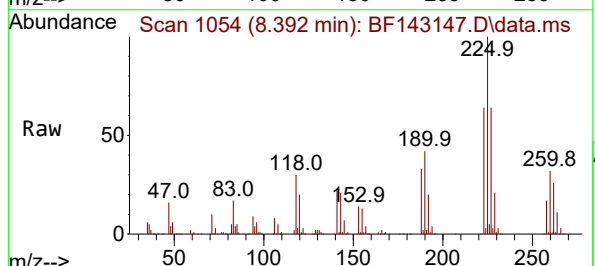
Tgt Ion:127 Resp: 78724
Ion Ratio Lower Upper
127 100
129 32.6 26.0 39.0
65 35.9 27.4 41.2
92 21.7 16.8 25.2

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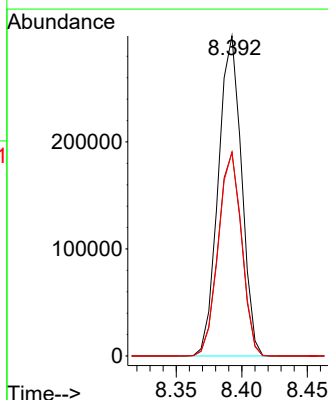
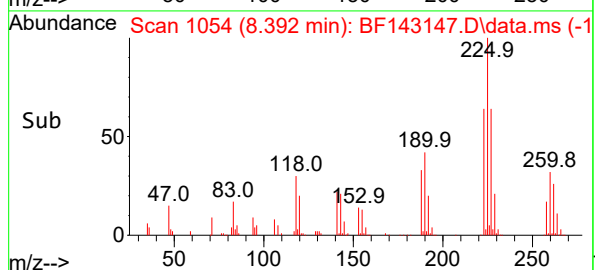
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

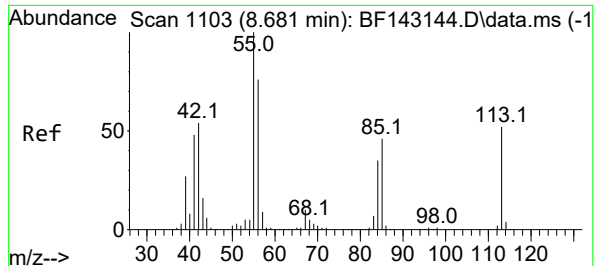


#34
Hexachlorobutadiene
Concen: 73.453 ng
RT: 8.392 min Scan# 1054
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34



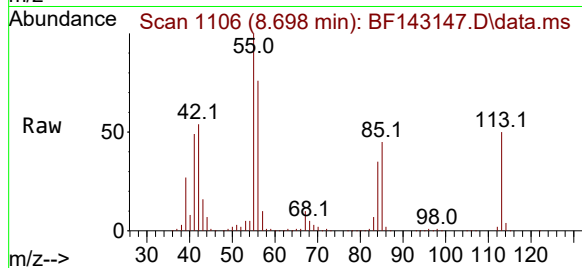
Tgt Ion:225 Resp: 368327
Ion Ratio Lower Upper
225 100
223 63.6 49.8 74.6
227 63.7 50.2 75.4





#35
Caprolactam
Concen: 77.644 ng
RT: 8.698 min Scan# 1106
Delta R.T. 0.018 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

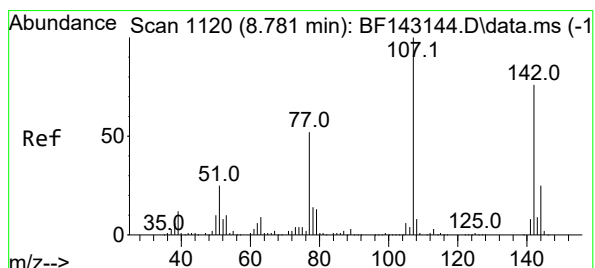
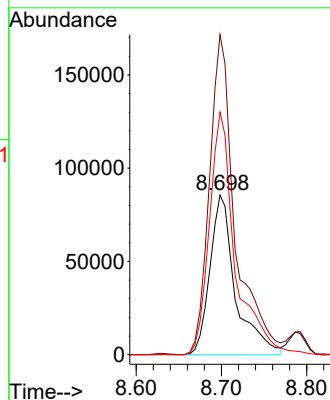
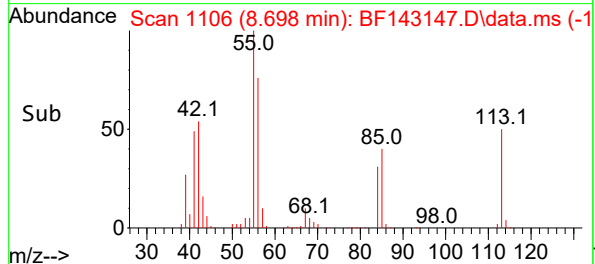
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:113 Resp: 17827
Ion Ratio Lower Upper
113 100
55 200.6 174.0 214.0
56 152.0 126.6 166.6

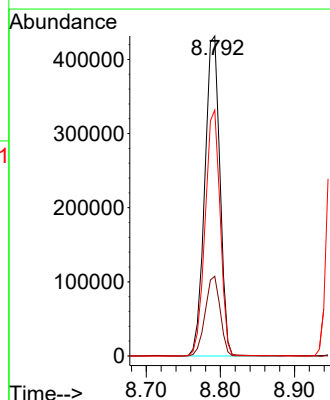
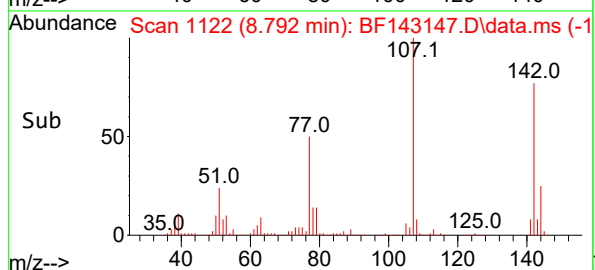
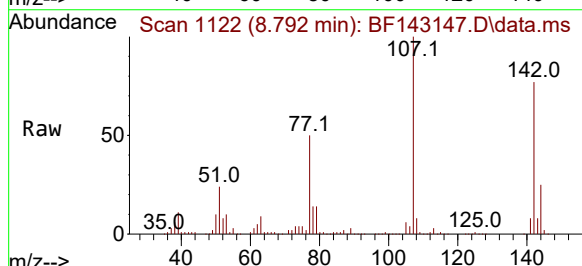
Manual Integrations
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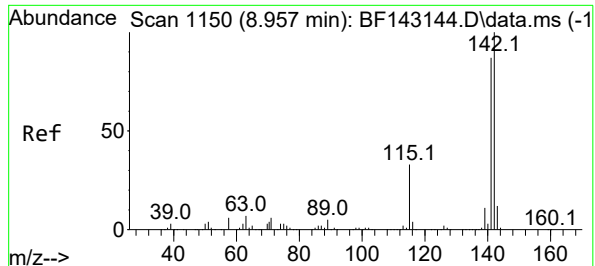
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#36
4-Chloro-3-methylphenol
Concen: 74.354 ng
RT: 8.792 min Scan# 1122
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

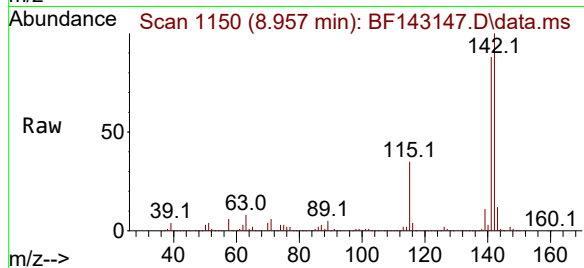
Tgt Ion:107 Resp: 614048
Ion Ratio Lower Upper
107 100
144 24.9 19.8 29.6
142 76.9 60.6 90.8





#37
2-Methylnaphthalene
Concen: 69.687 ng
RT: 8.957 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

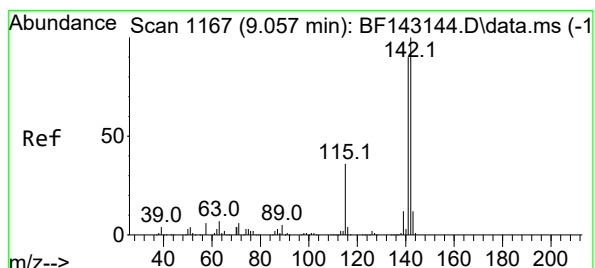
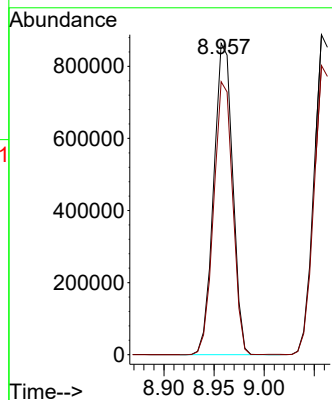
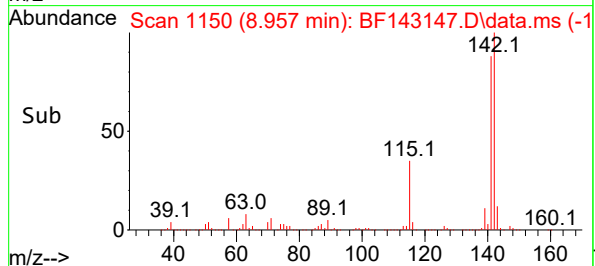
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:142 Resp: 1137170
Ion Ratio Lower Upper
142 100
141 87.7 69.9 104.9

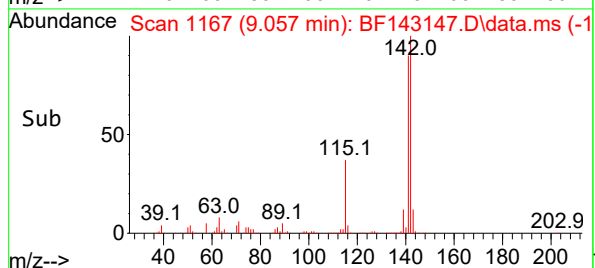
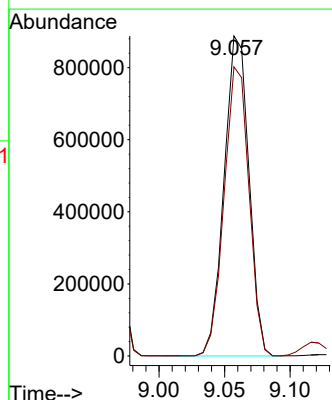
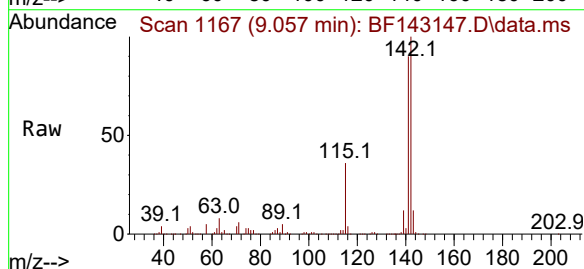
Manual Integrations
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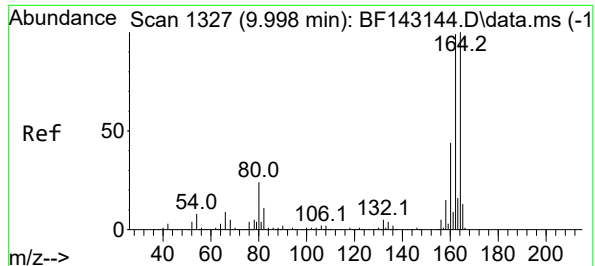
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#38
1-Methylnaphthalene
Concen: 69.550 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:142 Resp: 1168702
Ion Ratio Lower Upper
142 100
141 90.4 72.3 108.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.004 min Scan# 1179

Delta R.T. 0.006 min

Lab File: BF143147.D

Acq: 17 Jul 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:164 Resp: 275619

Ion Ratio Lower Upper

164 100

162 99.2 79.0 118.6

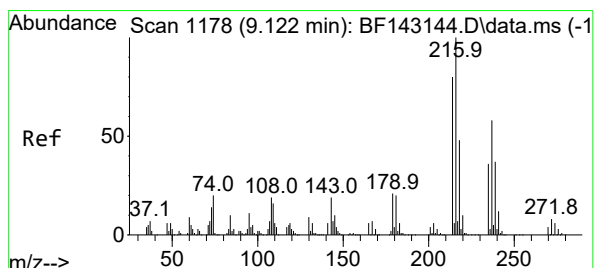
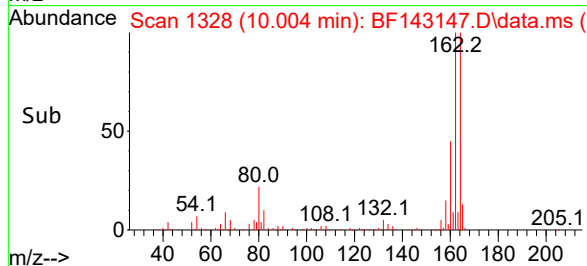
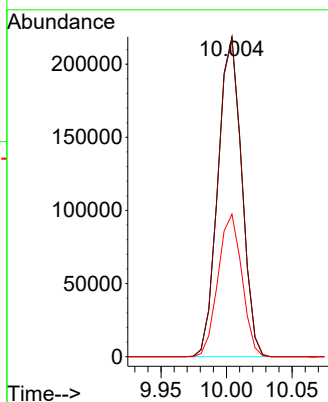
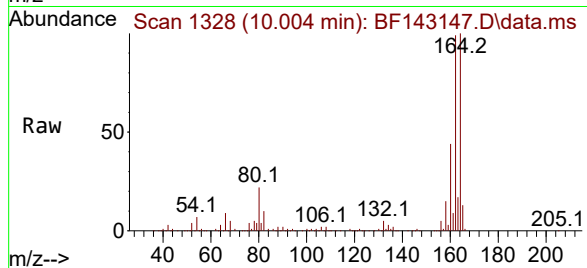
160 44.5 35.1 52.7

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 71.389 ng

RT: 9.128 min Scan# 1179

Delta R.T. 0.006 min

Lab File: BF143147.D

Acq: 17 Jul 2025 14:34

Tgt Ion:216 Resp: 568070

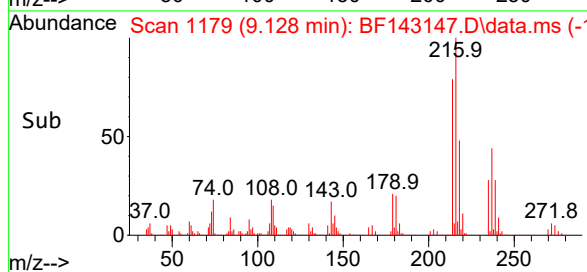
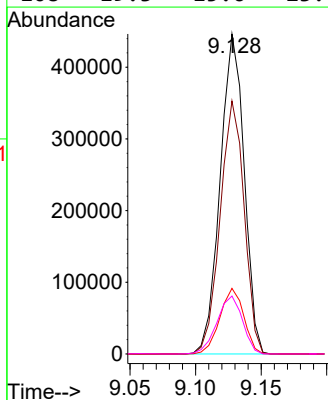
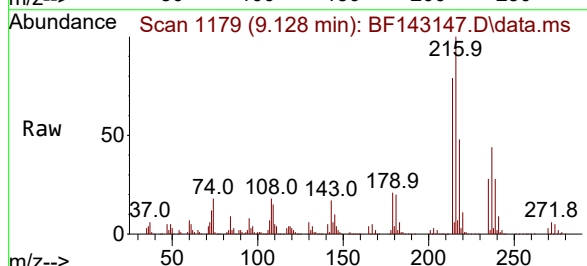
Ion Ratio Lower Upper

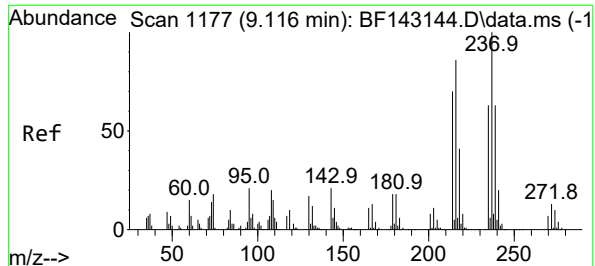
216 100

214 78.9 63.8 95.8

179 20.4 16.4 24.6

108 19.3 15.6 23.4





#41

Hexachlorocyclopentadiene

Concen: 79.719 ng

RT: 9.122 min Scan# 1177

Delta R.T. 0.006 min

Lab File: BF143147.D

Acq: 17 Jul 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:237 Resp: 412750

Ion Ratio Lower Upper

237 100

235 63.2 43.0 83.0

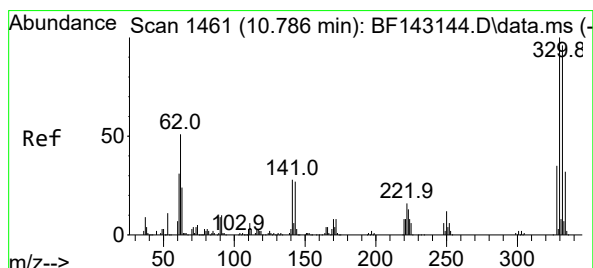
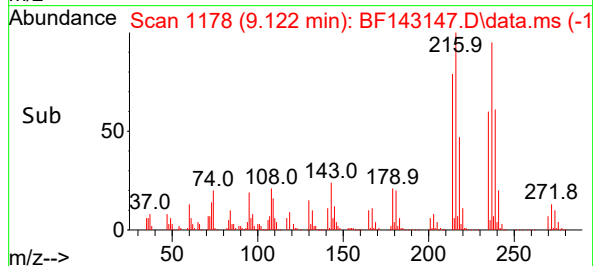
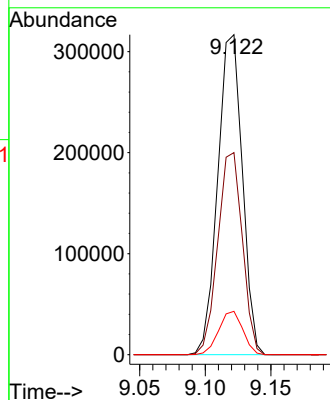
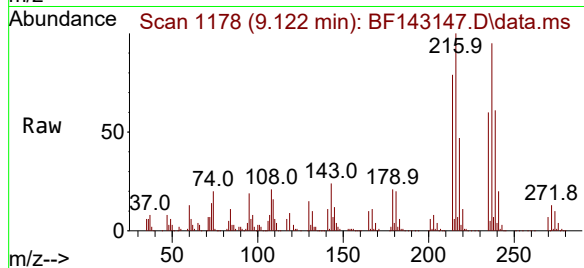
272 13.6 0.0 33.3

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#42

2,4,6-Tribromophenol

Concen: 153.498 ng

RT: 10.792 min Scan# 1462

Delta R.T. 0.006 min

Lab File: BF143147.D

Acq: 17 Jul 2025 14:34

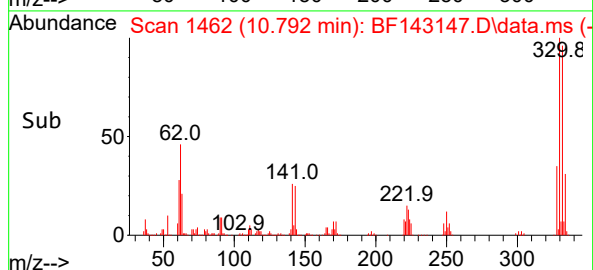
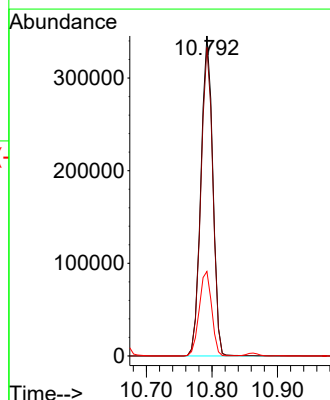
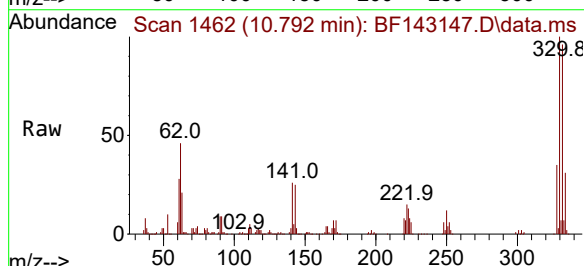
Tgt Ion:330 Resp: 437054

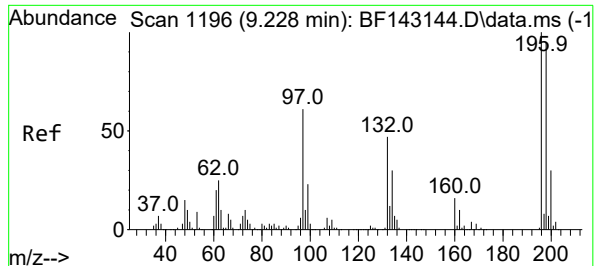
Ion Ratio Lower Upper

330 100

332 96.6 76.7 115.1

141 27.7 23.3 34.9





#43

2,4,6-Trichlorophenol

Concen: 74.838 ng

RT: 9.234 min Scan# 1196

Delta R.T. 0.006 min

Lab File: BF143147.D

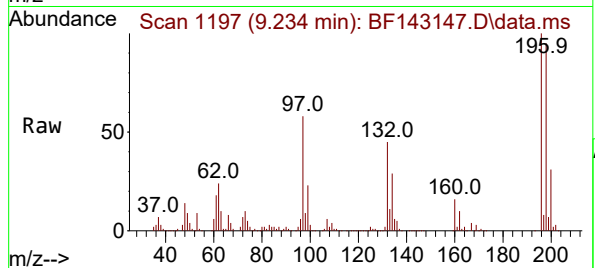
Acq: 17 Jul 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion:196 Resp: 412148

Ion Ratio Lower Upper

196 100

198 95.2 76.2 114.2

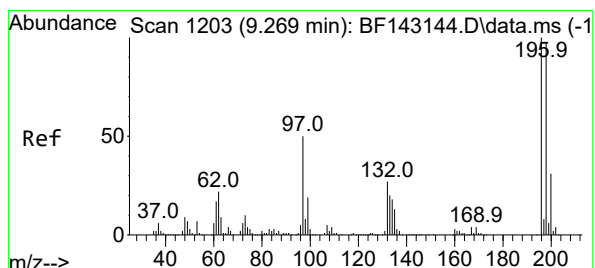
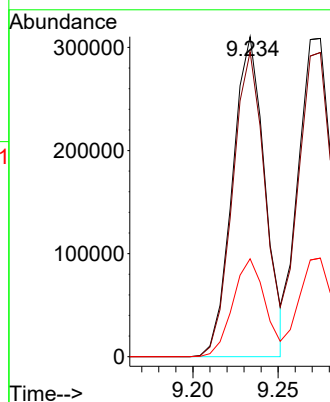
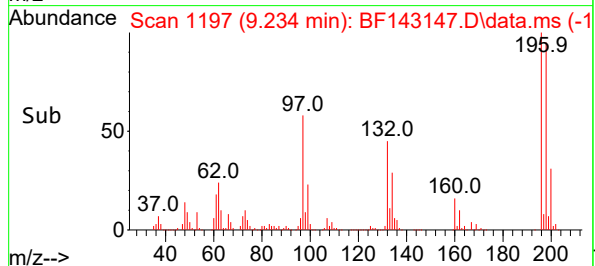
200 30.6 23.9 35.9

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#44

2,4,5-Trichlorophenol

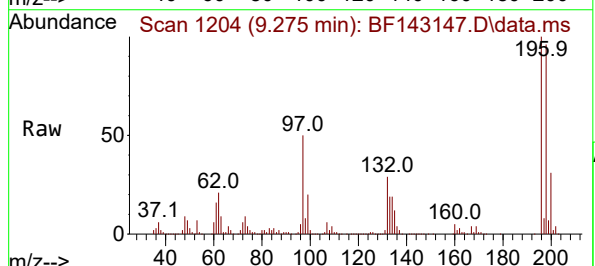
Concen: 76.888 ng

RT: 9.275 min Scan# 1204

Delta R.T. 0.006 min

Lab File: BF143147.D

Acq: 17 Jul 2025 14:34



Tgt Ion:196 Resp: 423565

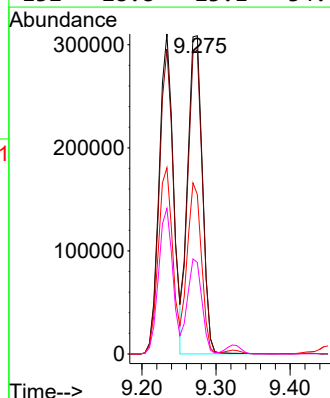
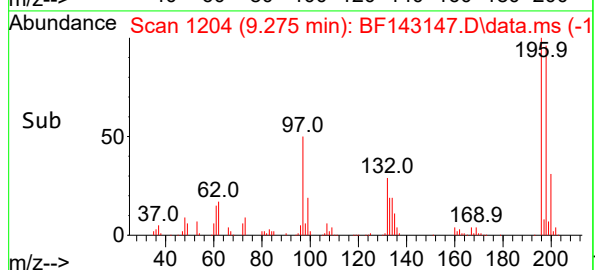
Ion Ratio Lower Upper

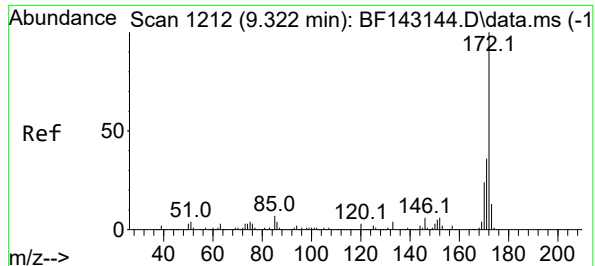
196 100

198 95.6 77.3 115.9

97 50.1 40.3 60.5

132 28.8 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 130.157 ng

RT: 9.322 min Scan# 1212

Delta R.T. 0.000 min

Lab File: BF143147.D

Acq: 17 Jul 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:172 Resp: 262307

Ion Ratio Lower Upper

172 100

171 36.0 28.6 42.8

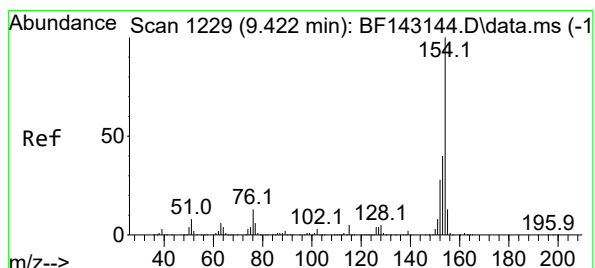
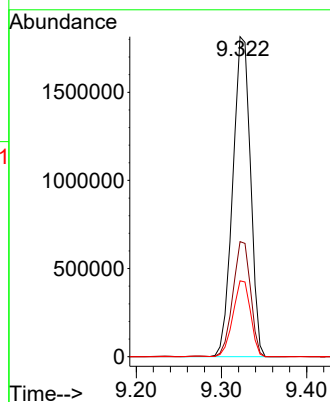
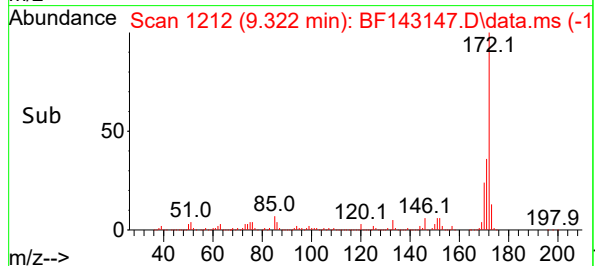
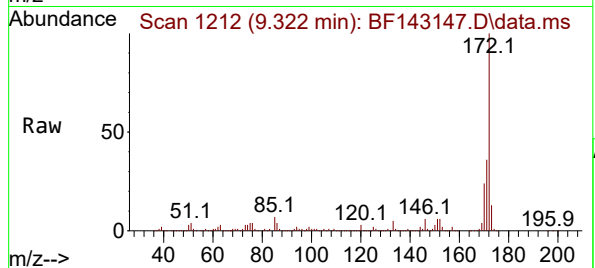
170 23.7 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#46

1,1'-Biphenyl

Concen: 69.388 ng

RT: 9.428 min Scan# 1230

Delta R.T. 0.006 min

Lab File: BF143147.D

Acq: 17 Jul 2025 14:34

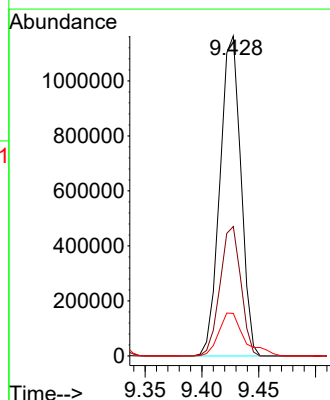
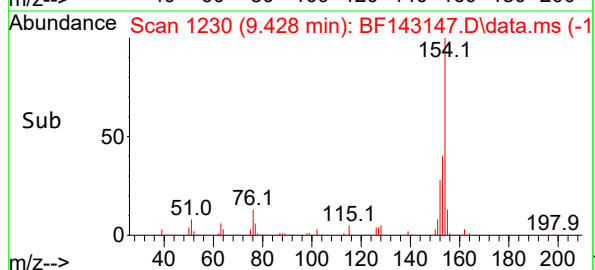
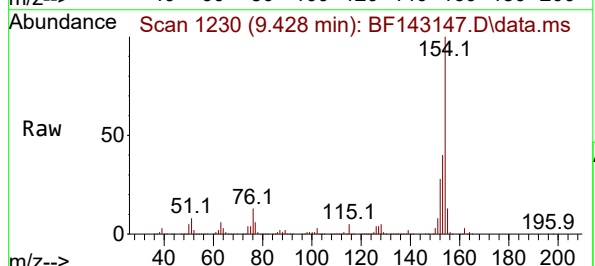
Tgt Ion:154 Resp: 1492094

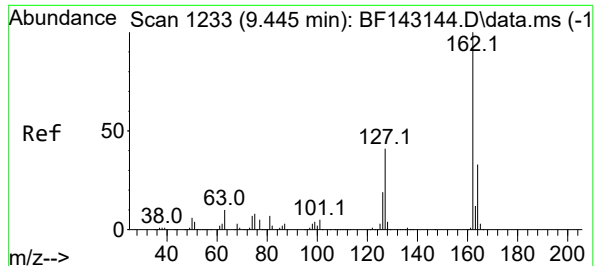
Ion Ratio Lower Upper

154 100

153 40.5 20.3 60.3

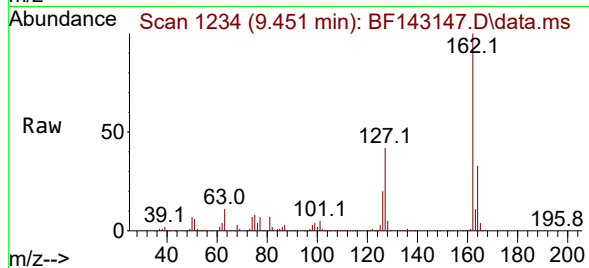
76 13.3 0.0 33.3





#47
2-Chloronaphthalene
Concen: 71.122 ng
RT: 9.451 min Scan# 1233
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

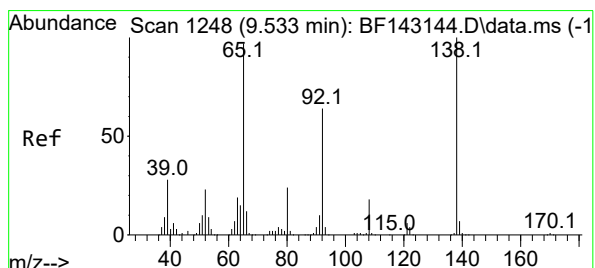
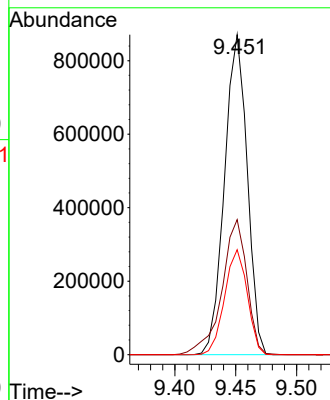
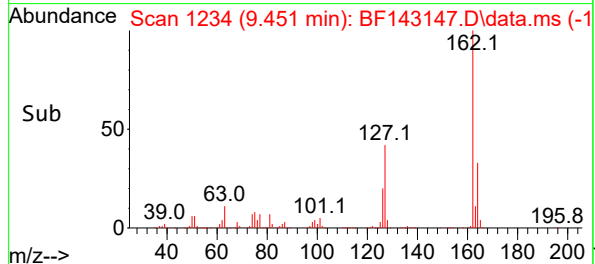
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion: 162 Resp: 1131620
Ion Ratio Lower Upper
162 100
127 42.2 33.4 50.2
164 32.8 26.2 39.2

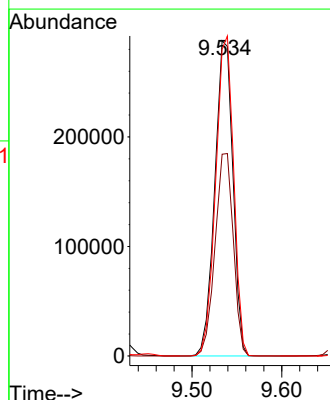
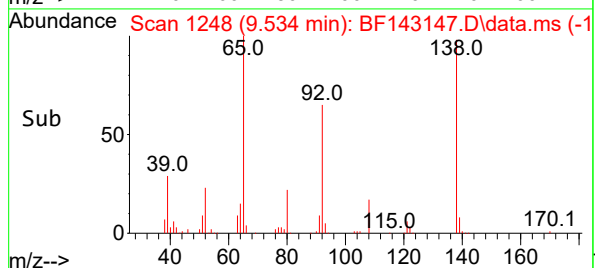
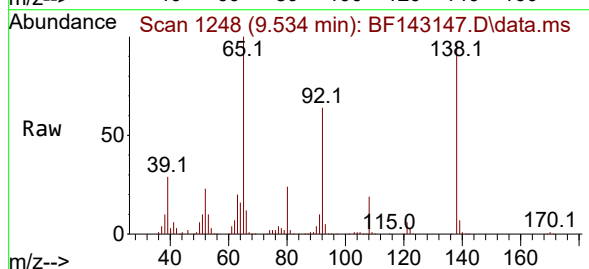
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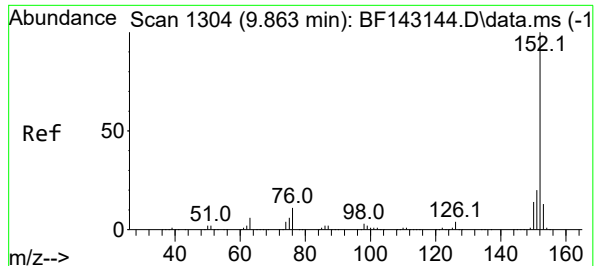
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#48
2-Nitroaniline
Concen: 80.971 ng
RT: 9.534 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 65 Resp: 404023
Ion Ratio Lower Upper
65 100
92 64.0 52.4 78.6
138 97.3 82.3 123.5





#49

Acenaphthylene

Concen: 70.057 ng

RT: 9.869 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF143147.D

Acq: 17 Jul 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:152 Resp: 1868062

Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.2

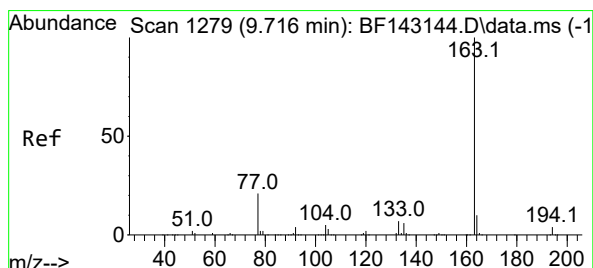
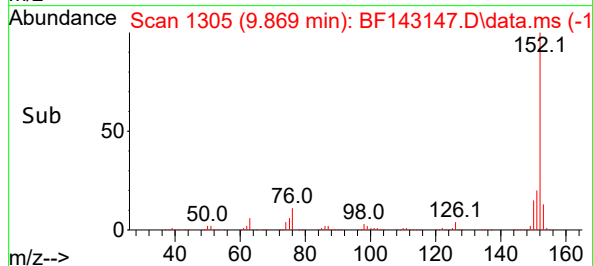
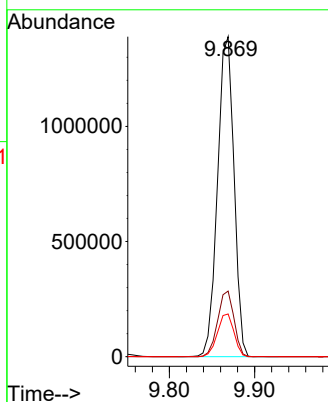
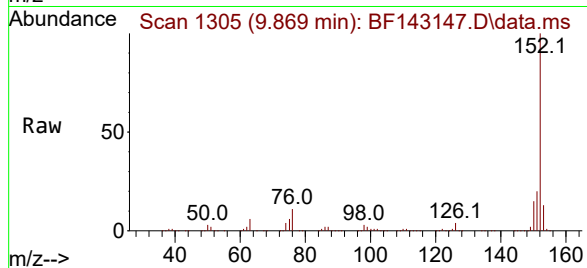
153 13.4 10.6 16.0

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#50

Dimethylphthalate

Concen: 71.723 ng

RT: 9.728 min Scan# 1281

Delta R.T. 0.012 min

Lab File: BF143147.D

Acq: 17 Jul 2025 14:34

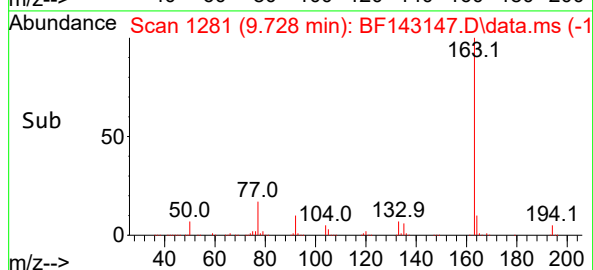
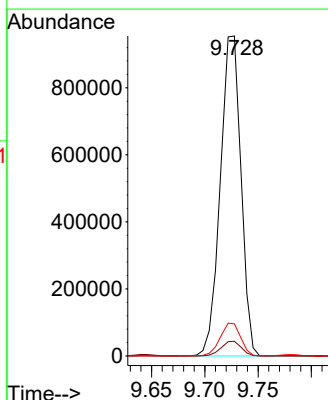
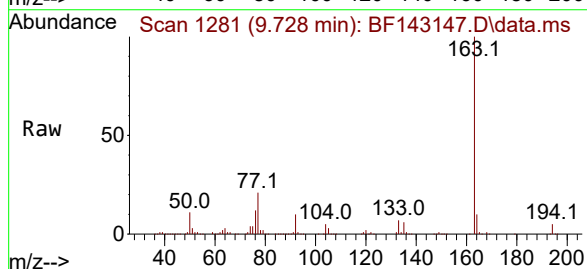
Tgt Ion:163 Resp: 1288559

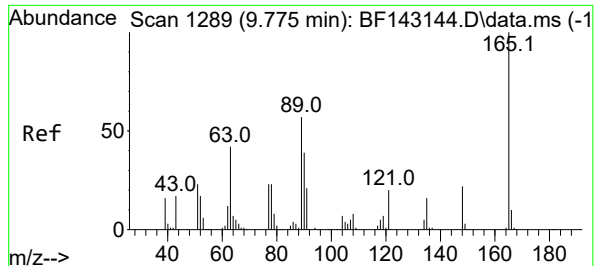
Ion Ratio Lower Upper

163 100

194 4.6 3.4 5.2

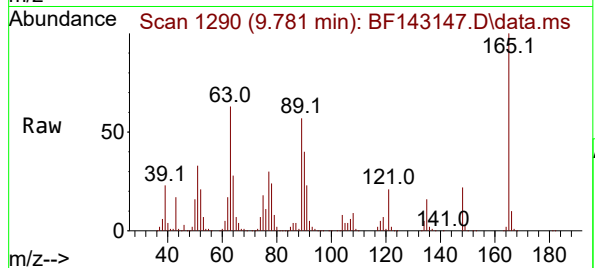
164 10.0 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 80.093 ng
RT: 9.781 min Scan# 1289
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

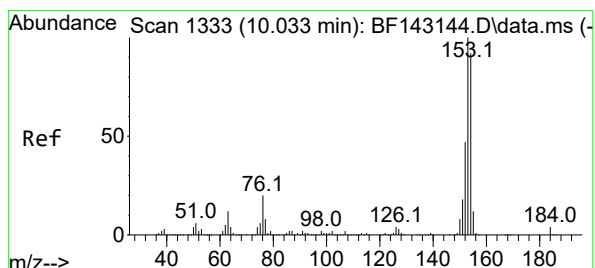
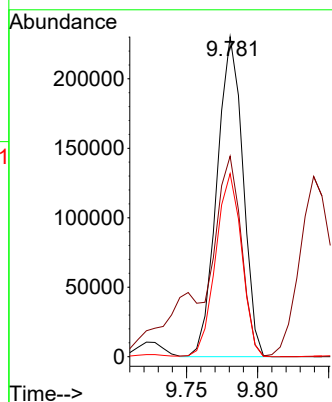
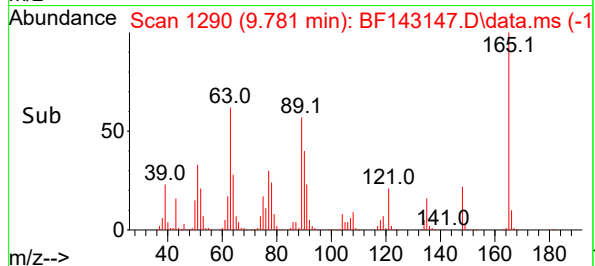
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:165 Resp: 292718
Ion Ratio Lower Upper
165 100
63 62.6 49.4 74.2
89 57.2 46.2 69.2

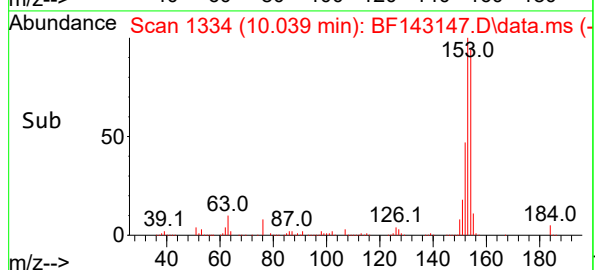
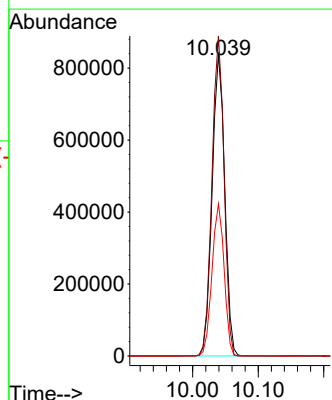
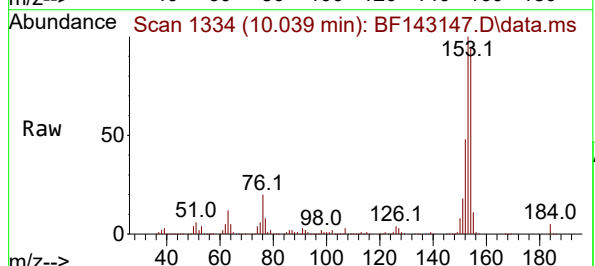
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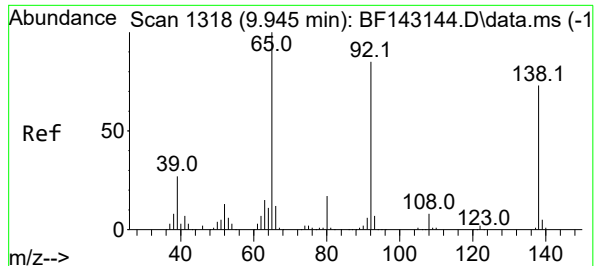
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#52
Acenaphthene
Concen: 71.086 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

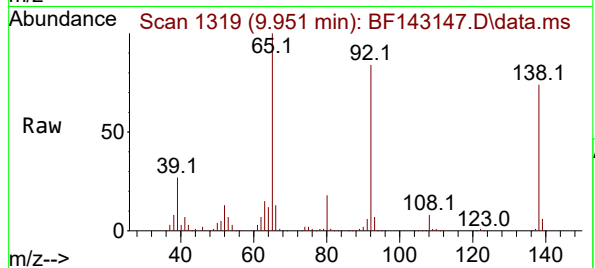
Tgt Ion:154 Resp: 1120315
Ion Ratio Lower Upper
154 100
153 106.1 86.6 129.8
152 50.4 40.4 60.6





#53
3-Nitroaniline
Concen: 78.128 ng
RT: 9.951 min Scan# 1318
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

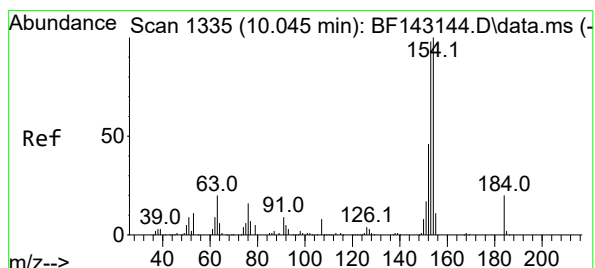
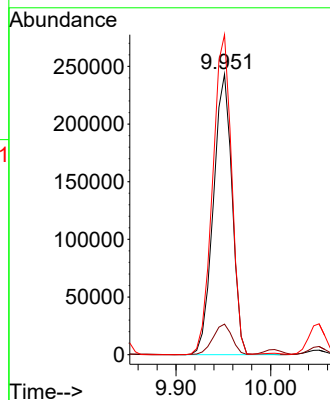
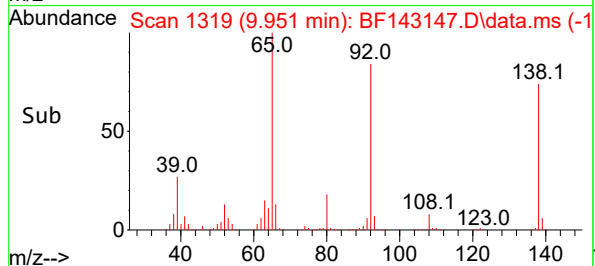
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



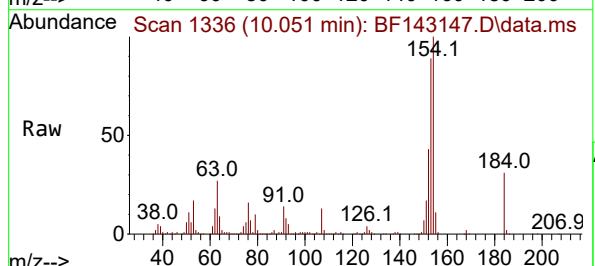
Tgt Ion:138 Resp: 333980
Ion Ratio Lower Upper
138 100
108 10.9 9.0 13.6
92 114.1 93.0 139.4

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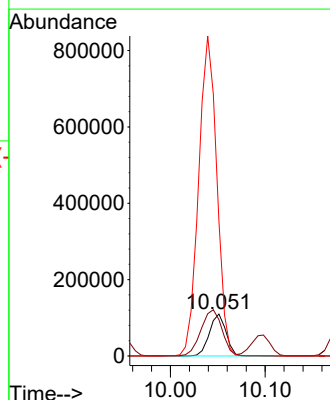
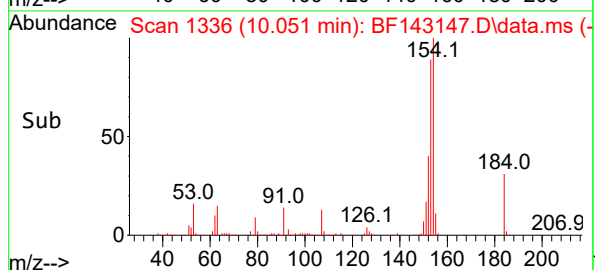
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

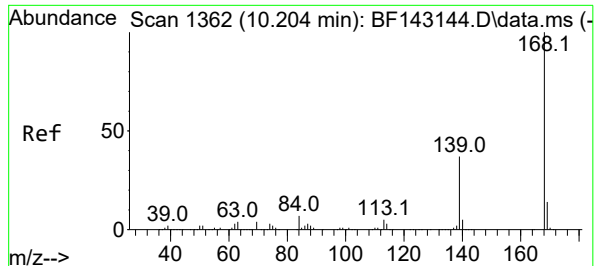


#54
2,4-Dinitrophenol
Concen: 80.516 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34



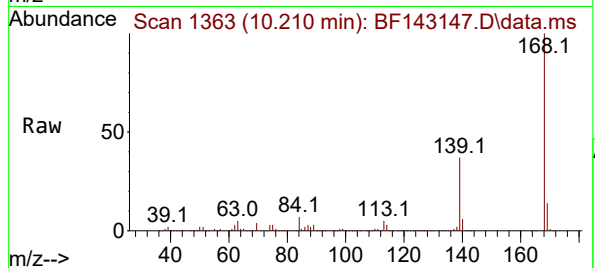
Tgt Ion:184 Resp: 133446
Ion Ratio Lower Upper
184 100
63 86.6 81.8 122.6
154 321.6 412.2 618.4#





#55
Dibenzenofuran
Concen: 69.038 ng
RT: 10.210 min Scan# 1363
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

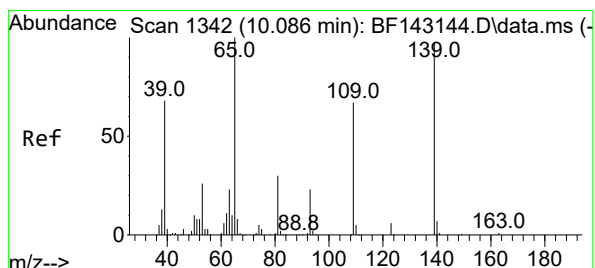
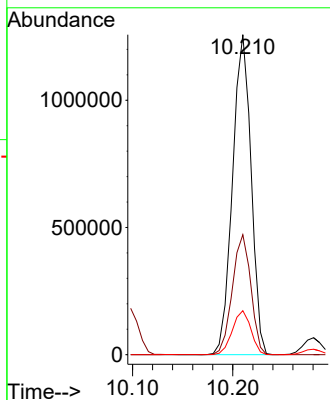
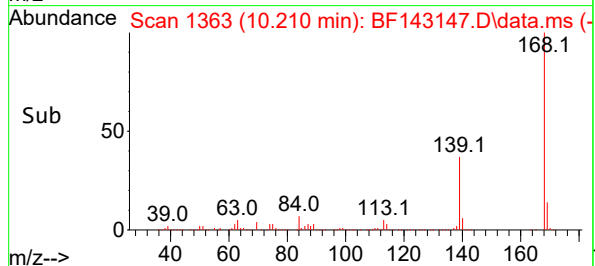
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:168 Resp: 1615399
Ion Ratio Lower Upper
168 100
139 37.5 29.5 44.3
169 13.8 10.9 16.3

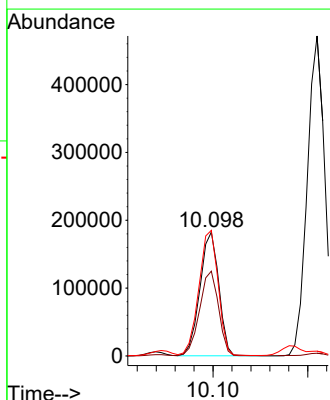
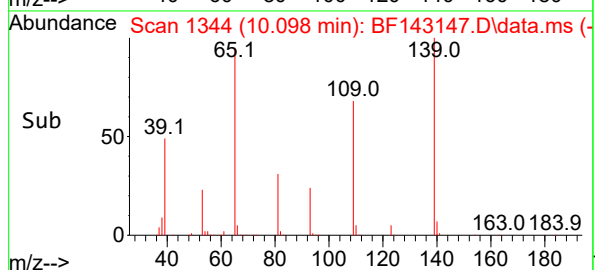
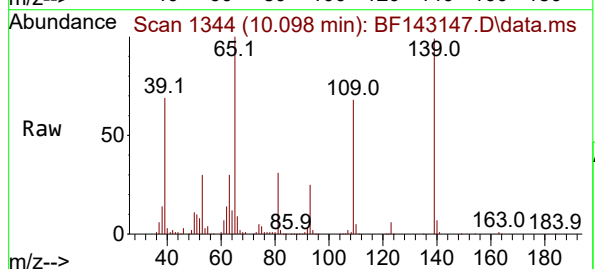
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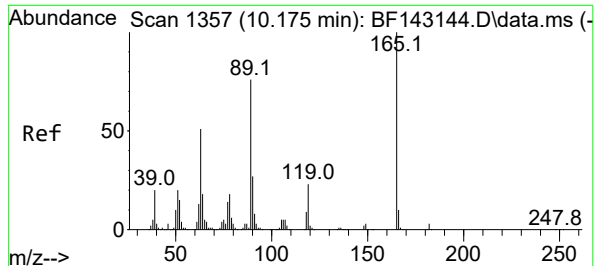
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#56
4-Nitrophenol
Concen: 79.161 ng
RT: 10.098 min Scan# 1344
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

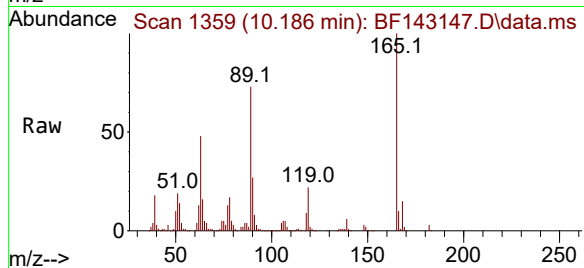
Tgt Ion:139 Resp: 252698
Ion Ratio Lower Upper
139 100
109 68.4 48.5 88.5
65 101.3 83.4 123.4





#57
2,4-Dinitrotoluene
Concen: 82.029 ng
RT: 10.186 min Scan# 1359
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

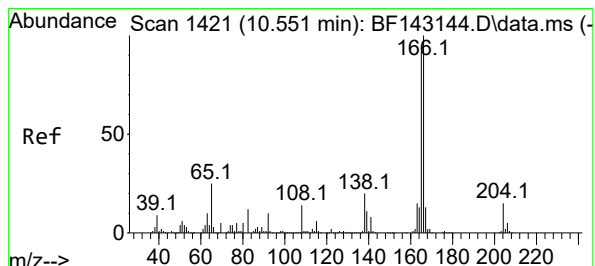
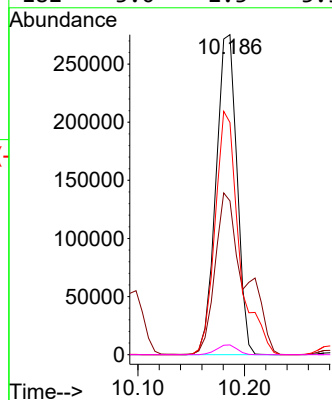
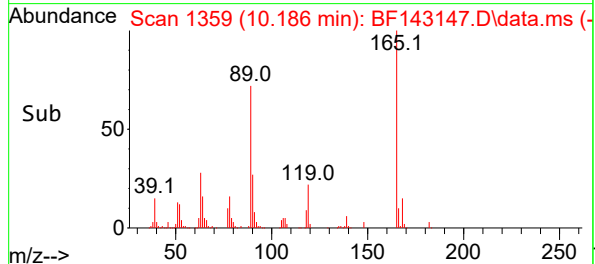
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



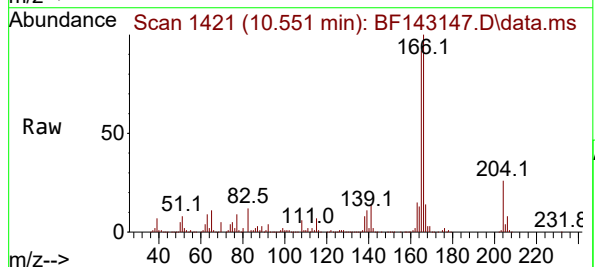
Tgt Ion:165 Resp: 376124
Ion Ratio Lower Upper
165 100
63 48.1 41.0 61.4
89 72.5 61.1 91.7
182 3.0 2.3 3.5

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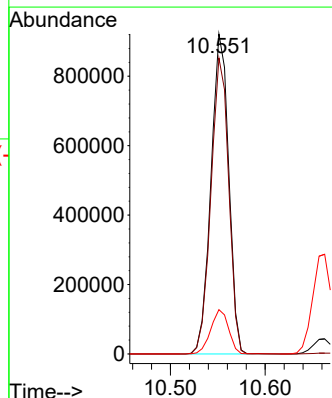
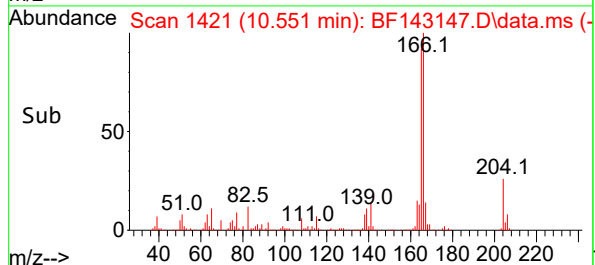
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

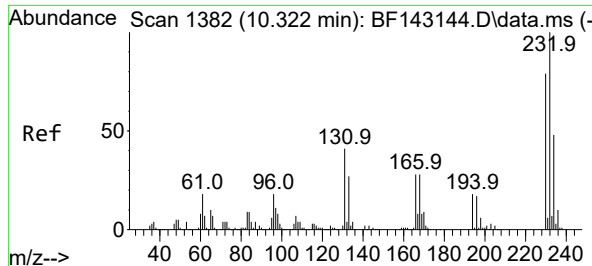


#58
Fluorene
Concen: 68.203 ng
RT: 10.551 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34



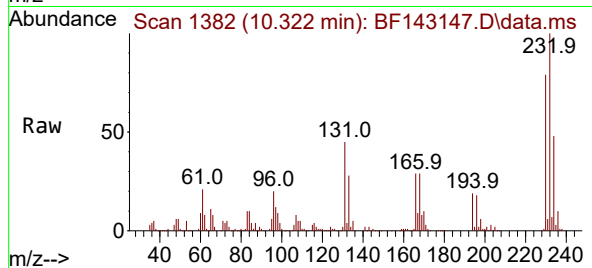
Tgt Ion:166 Resp: 1197731
Ion Ratio Lower Upper
166 100
165 92.5 73.7 110.5
167 13.8 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 74.533 ng
RT: 10.322 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

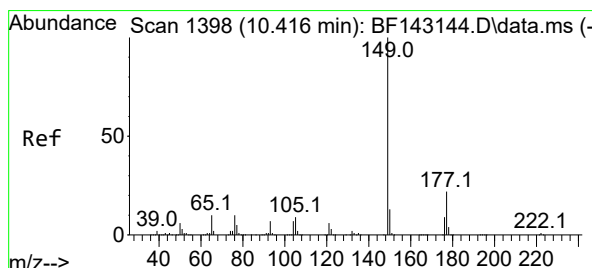
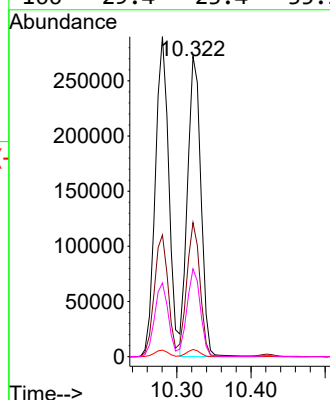
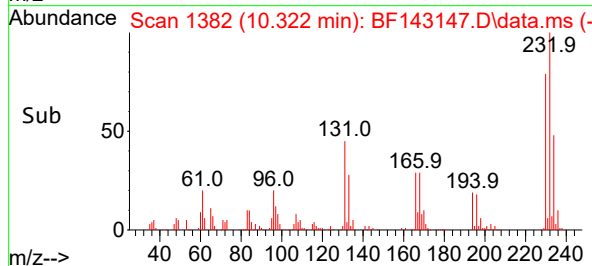
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



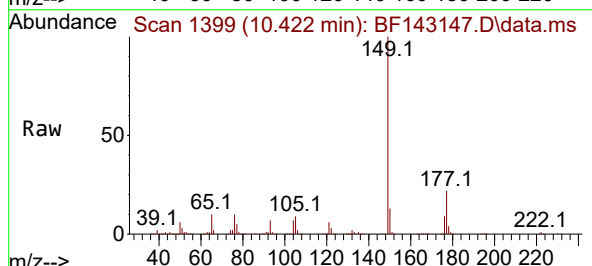
Tgt Ion:232 Resp: 340118
Ion Ratio Lower Upper
232 100
131 44.5 35.3 52.9
130 2.4 1.7 2.5
166 29.4 23.4 35.2

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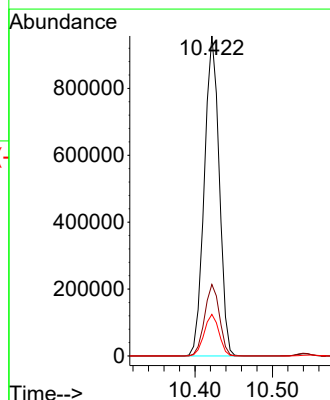
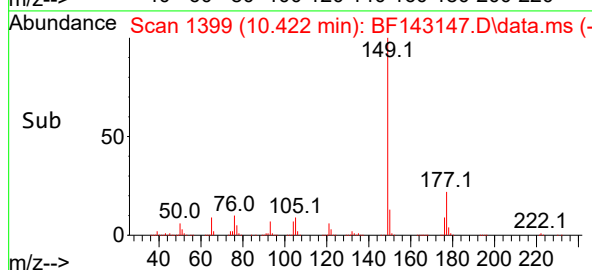
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

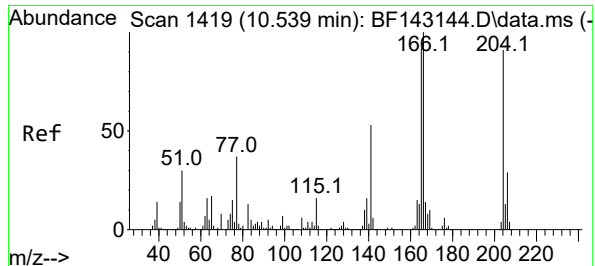


#60
Diethylphthalate
Concen: 71.870 ng
RT: 10.422 min Scan# 1399
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34



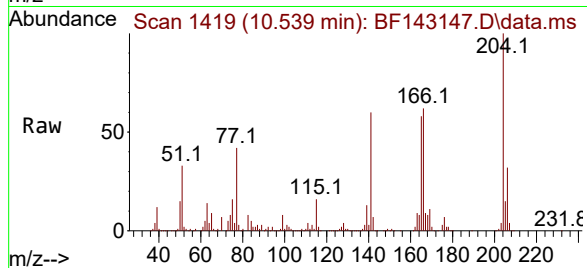
Tgt Ion:149 Resp: 1276217
Ion Ratio Lower Upper
149 100
177 22.4 17.5 26.3
150 13.0 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 70.326 ng
RT: 10.539 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

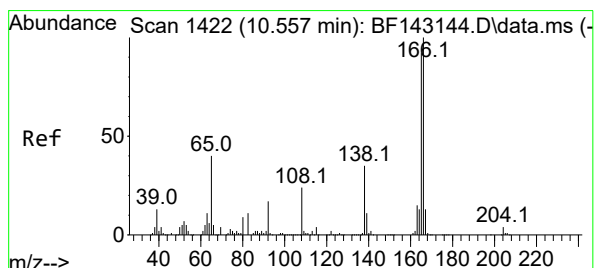
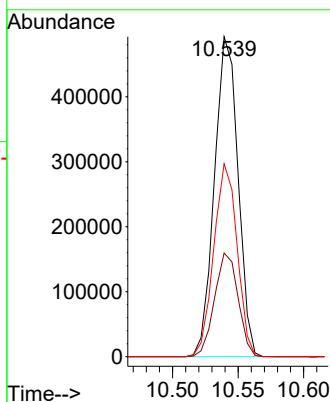
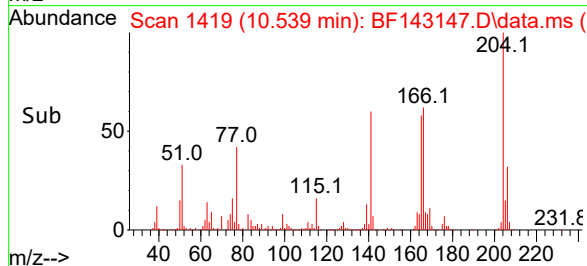
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



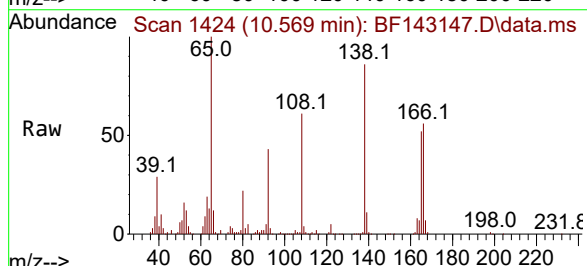
Tgt Ion:204 Resp: 614962
Ion Ratio Lower Upper
204 100
206 32.4 25.8 38.8
141 60.3 47.0 70.4

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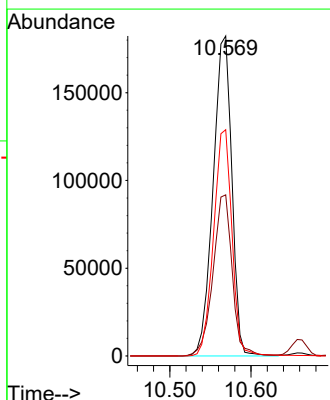
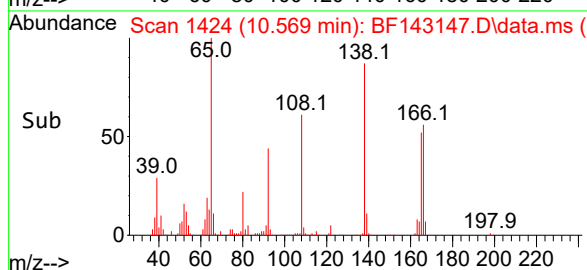
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

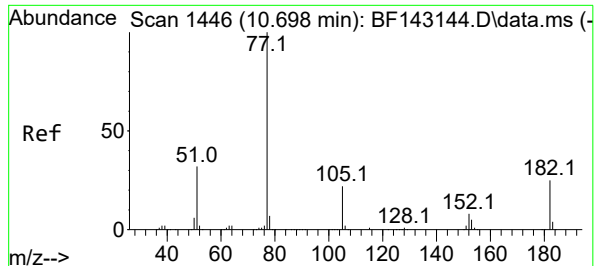


#62
4-Nitroaniline
Concen: 79.680 ng
RT: 10.569 min Scan# 1424
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34



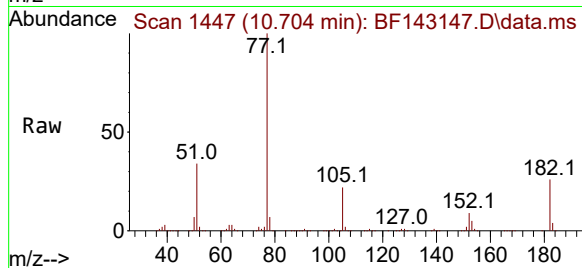
Tgt Ion:138 Resp: 291926
Ion Ratio Lower Upper
138 100
92 50.4 29.3 69.3
108 70.7 48.3 88.3





#63
Azobenzene
Concen: 71.255 ng
RT: 10.704 min Scan# 1447
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

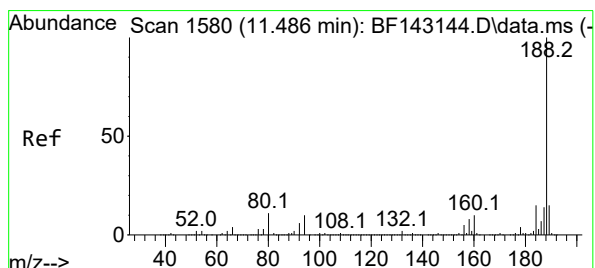
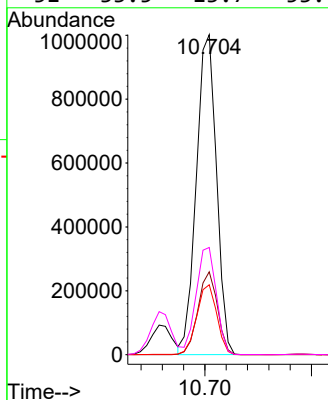
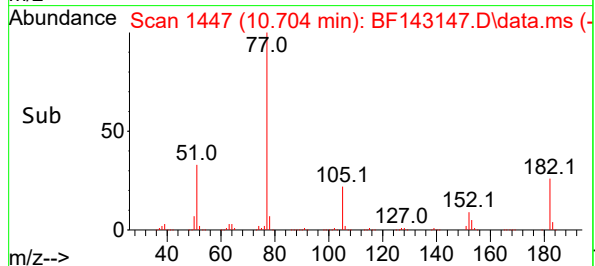
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion: 77 Resp: 1318720
Ion Ratio Lower Upper
77 100
182 25.9 4.6 44.6
105 21.9 1.4 41.4
51 33.5 13.7 53.7

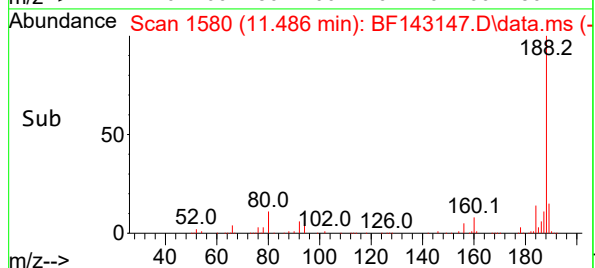
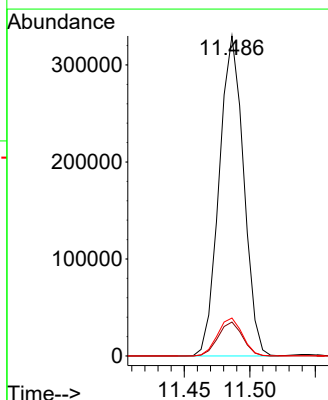
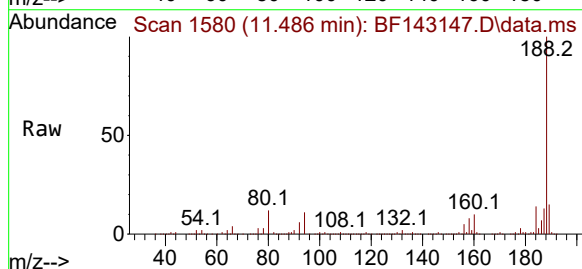
Manual Integrations
APPROVED

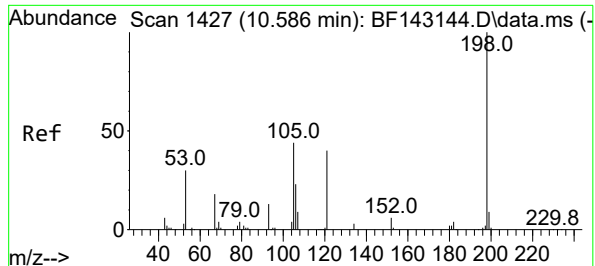
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

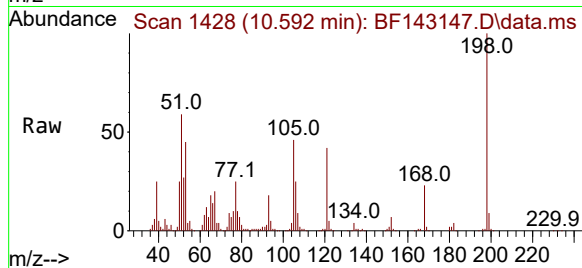
Tgt Ion:188 Resp: 429046
Ion Ratio Lower Upper
188 100
94 10.6 8.3 12.5
80 11.8 9.0 13.6





#65
4,6-Dinitro-2-methylphenol
Concen: 78.948 ng
RT: 10.592 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

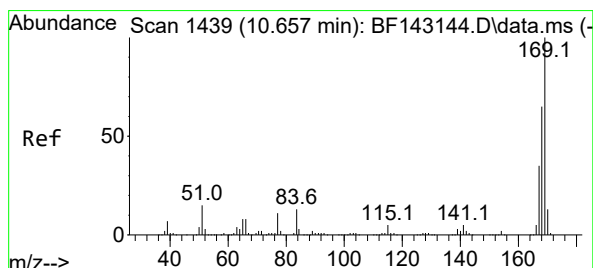
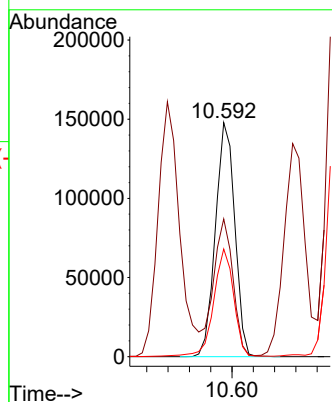
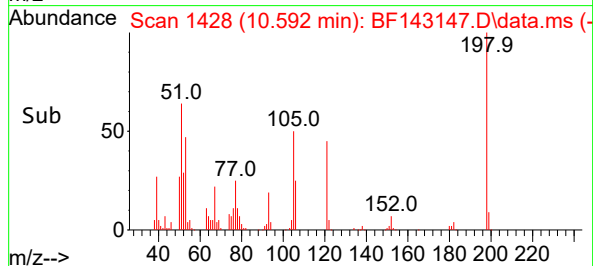
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



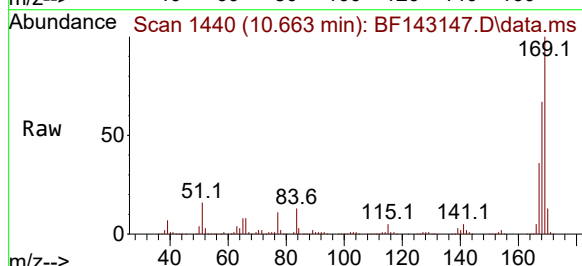
Tgt Ion:198 Resp: 186415
Ion Ratio Lower Upper
198 100
51 58.9 37.2 77.2
105 46.0 24.8 64.8

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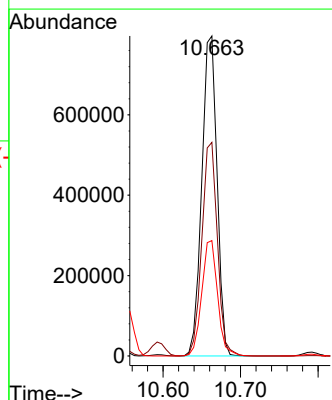
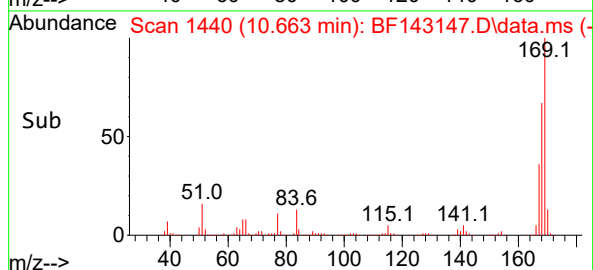
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

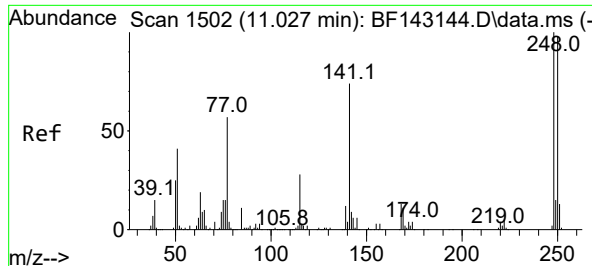


#66
n-Nitrosodiphenylamine
Concen: 72.014 ng
RT: 10.663 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34



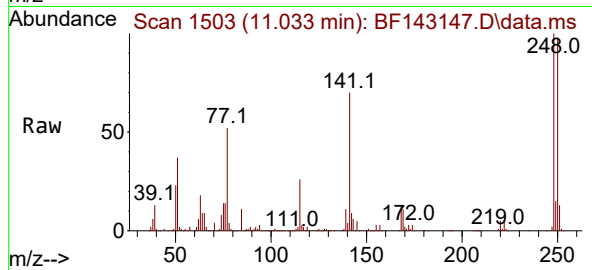
Tgt Ion:169 Resp: 1087990
Ion Ratio Lower Upper
169 100
168 66.8 52.1 78.1
167 36.1 28.2 42.2





#67
4-Bromophenyl-phenylether
Concen: 74.734 ng
RT: 11.033 min Scan# 1503
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

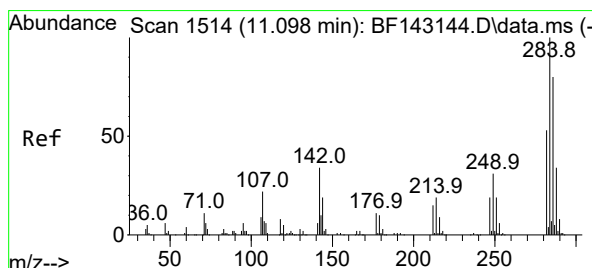
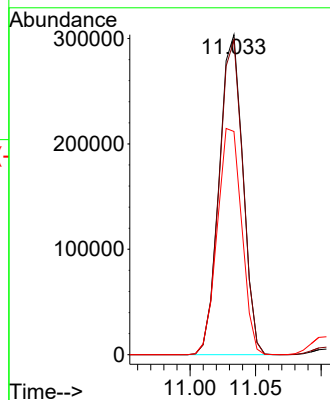
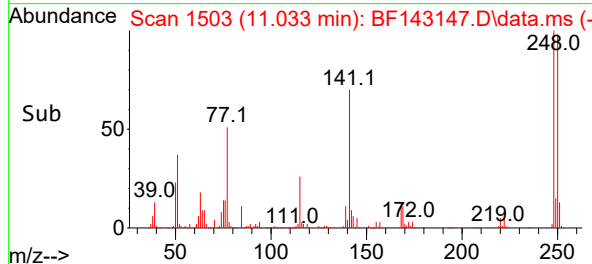
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



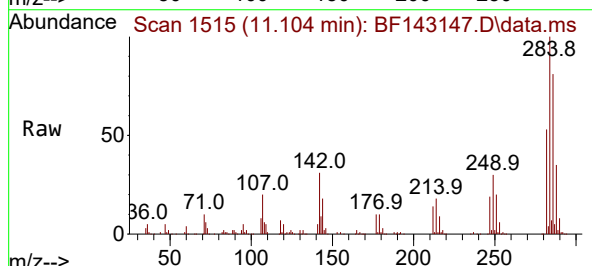
Tgt Ion:248 Resp: 38212
Ion Ratio Lower Upper
248 100
250 98.3 78.3 117.5
141 69.8 59.2 88.8

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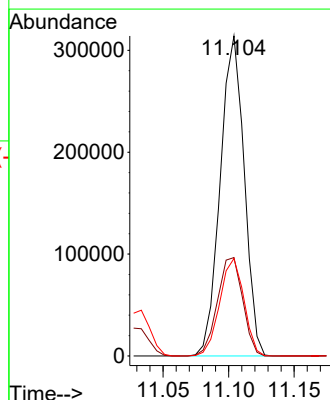
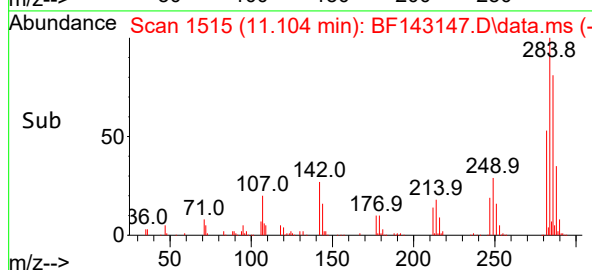
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

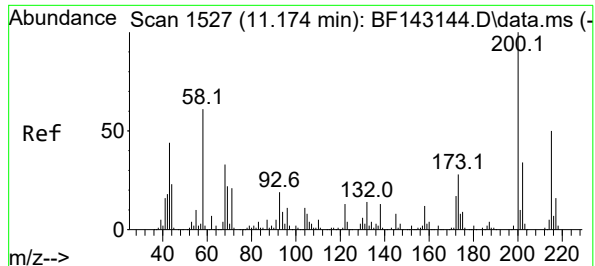


#68
Hexachlorobenzene
Concen: 74.680 ng
RT: 11.104 min Scan# 1515
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34



Tgt Ion:284 Resp: 399107
Ion Ratio Lower Upper
284 100
142 30.7 27.0 40.6
249 30.5 25.0 37.6





#69

Atrazine

Concen: 77.819 ng

RT: 11.180 min Scan# 1528

Delta R.T. 0.006 min

Lab File: BF143147.D

Acq: 17 Jul 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:200 Resp: 324120

Ion Ratio Lower Upper

200 100

173 28.3 7.9 47.9

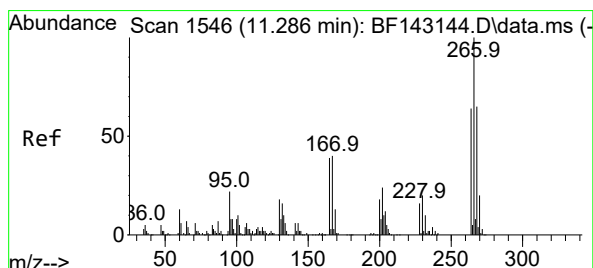
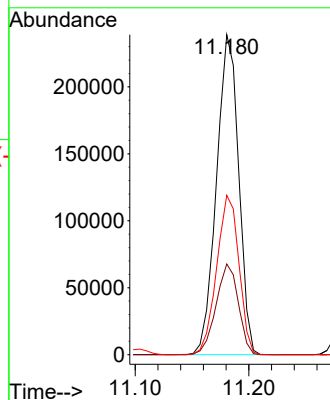
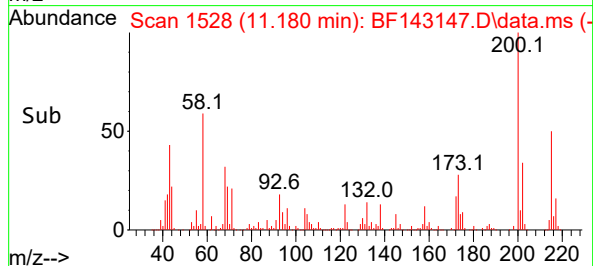
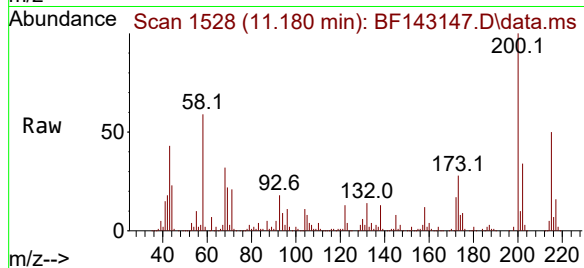
215 49.8 30.1 70.1

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#70

Pentachlorophenol

Concen: 81.829 ng

RT: 11.286 min Scan# 1546

Delta R.T. 0.000 min

Lab File: BF143147.D

Acq: 17 Jul 2025 14:34

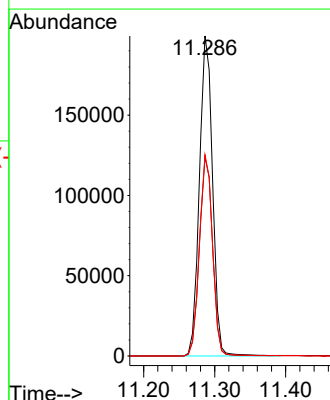
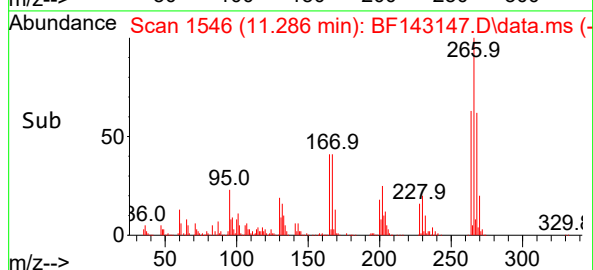
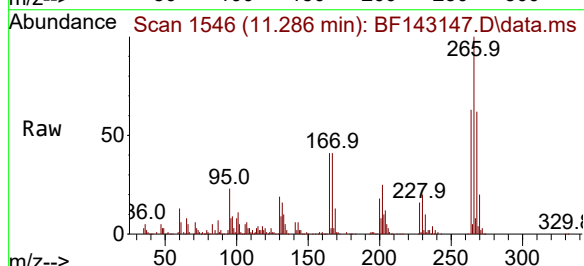
Tgt Ion:266 Resp: 257176

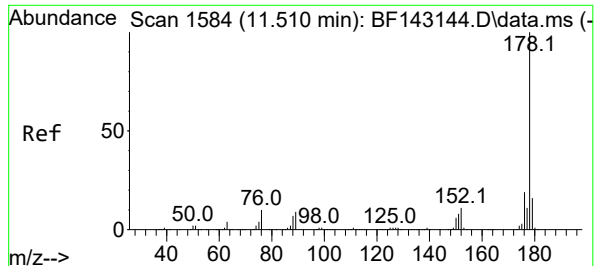
Ion Ratio Lower Upper

266 100

268 62.2 51.9 77.9

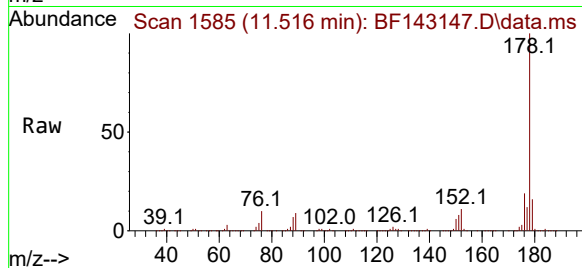
264 62.9 51.0 76.6





#71
Phenanthrene
Concen: 70.331 ng
RT: 11.516 min Scan# 1584
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

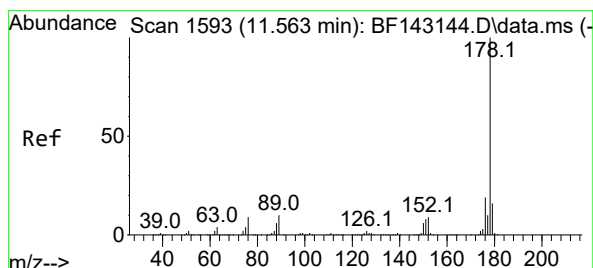
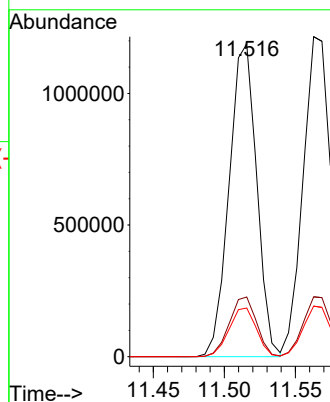
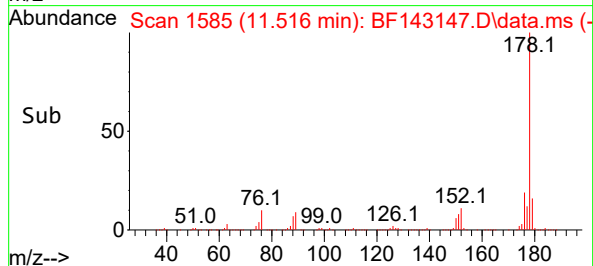
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:178 Resp: 1602208
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.5 12.5 18.7

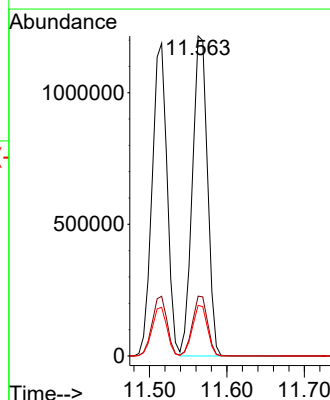
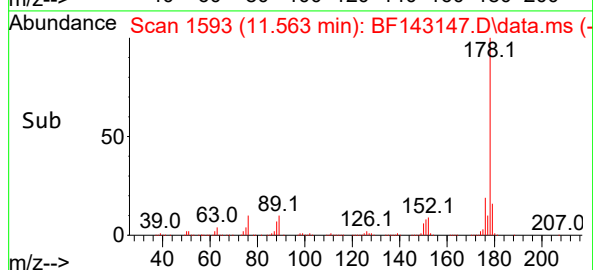
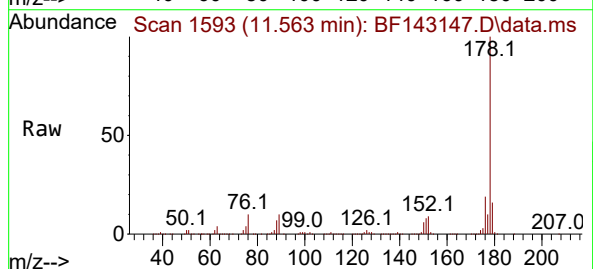
Manual Integrations
APPROVED

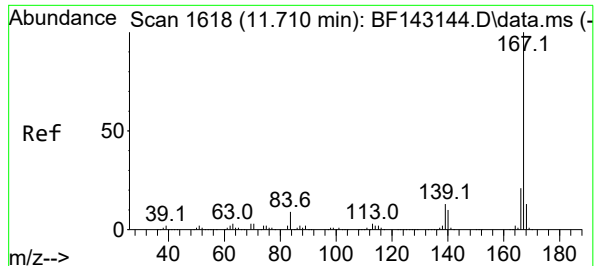
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#72
Anthracene
Concen: 70.640 ng
RT: 11.563 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

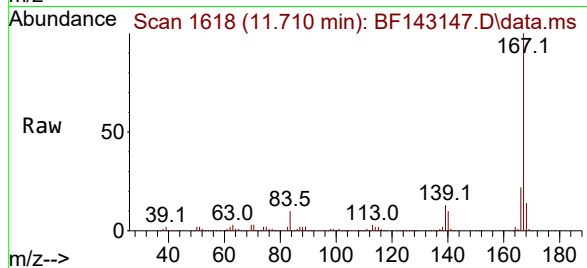
Tgt Ion:178 Resp: 1641264
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.8 12.5 18.7





#73
Carbazole
Concen: 70.754 ng
RT: 11.710 min Scan# 1618
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

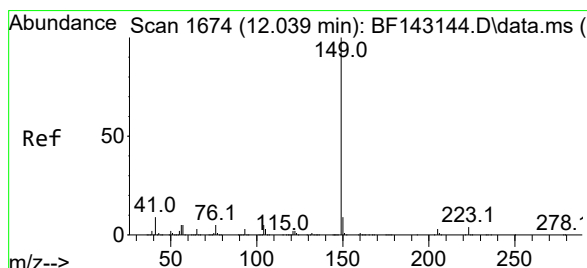
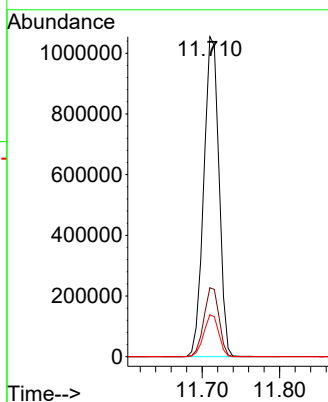
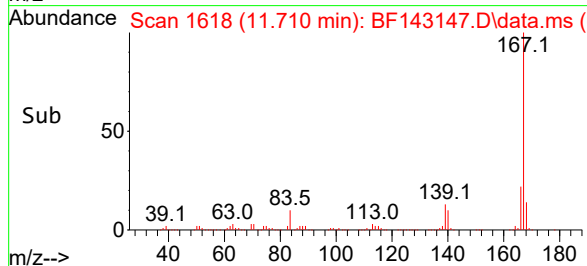
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



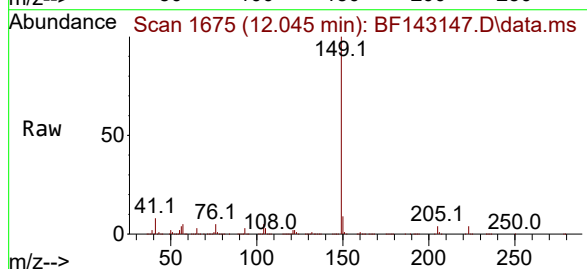
Tgt Ion:167 Resp: 143544
Ion Ratio Lower Upper
167 100
166 21.6 17.0 25.6
139 13.1 10.0 15.0

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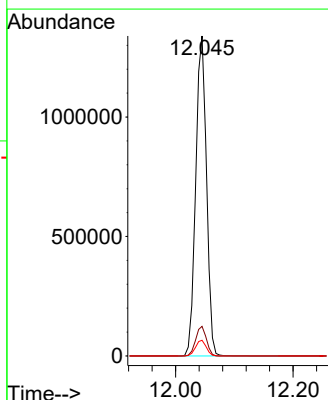
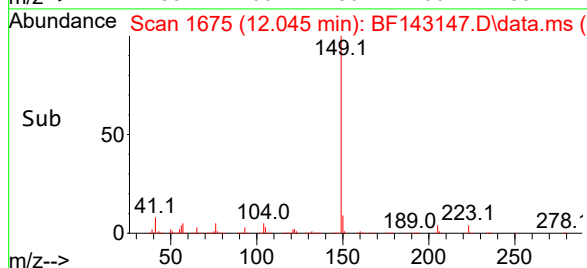
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

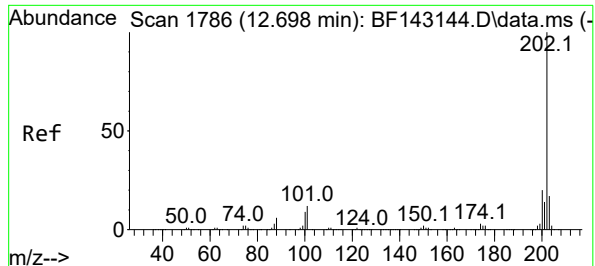


#74
Di-n-butylphthalate
Concen: 74.034 ng
RT: 12.045 min Scan# 1675
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34



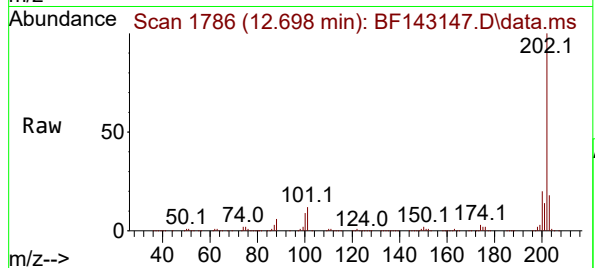
Tgt Ion:149 Resp: 1699503
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.2
104 4.9 3.8 5.8





#75
Fluoranthene
Concen: 71.645 ng
RT: 12.698 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

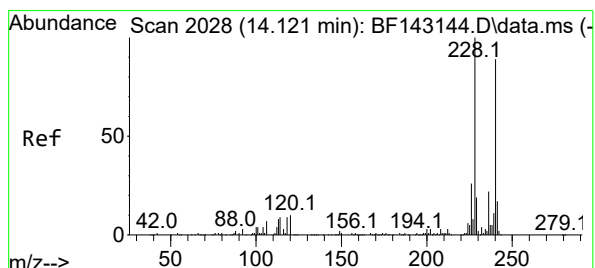
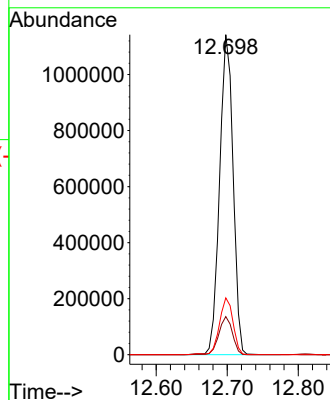
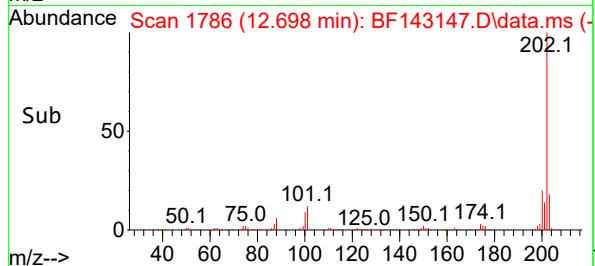
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:202 Resp: 149810
Ion Ratio Lower Upper
202 100
101 11.9 0.0 31.7
203 17.8 0.0 37.4

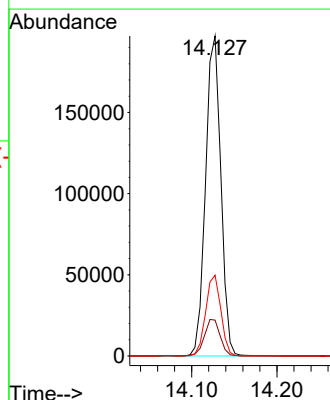
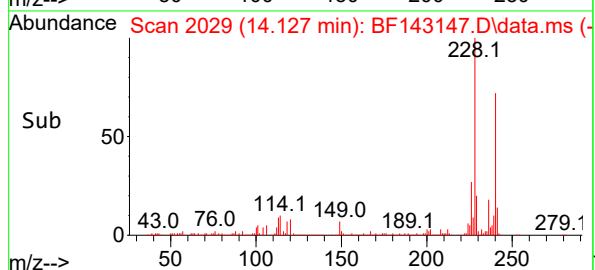
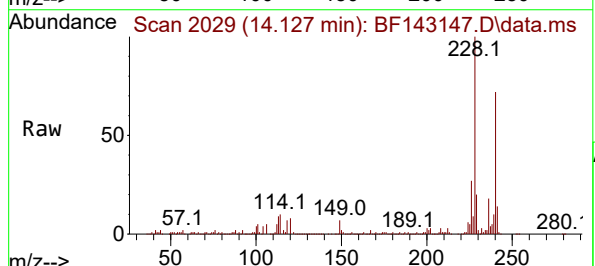
Manual Integrations
APPROVED

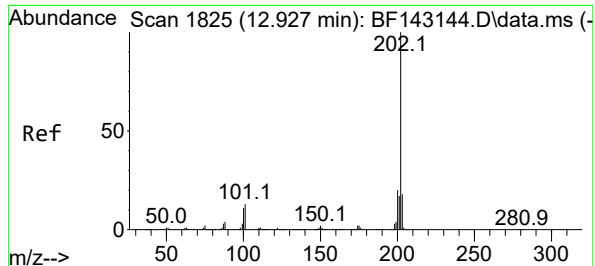
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2029
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

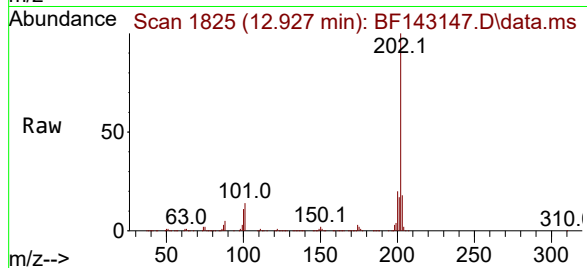
Tgt Ion:240 Resp: 245351
Ion Ratio Lower Upper
240 100
120 11.2 9.4 14.2
236 25.2 20.2 30.4





#78
Pyrene
Concen: 70.021 ng
RT: 12.927 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

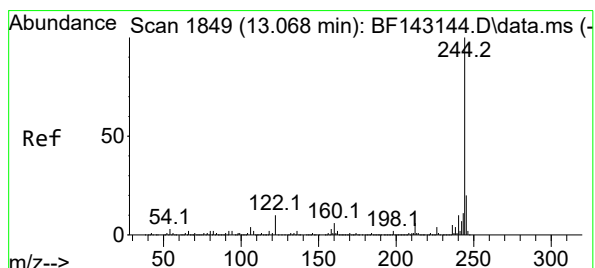
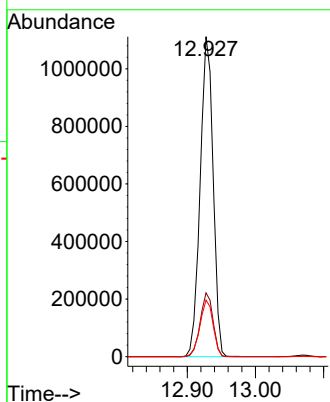
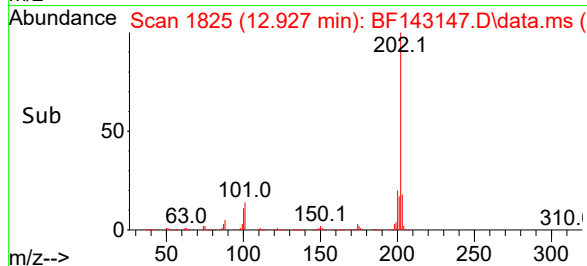
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



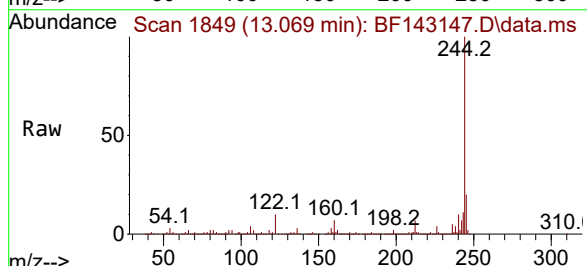
Tgt Ion:202 Resp: 1466205
Ion Ratio Lower Upper
202 100
200 20.0 15.7 23.5
203 17.7 14.2 21.2

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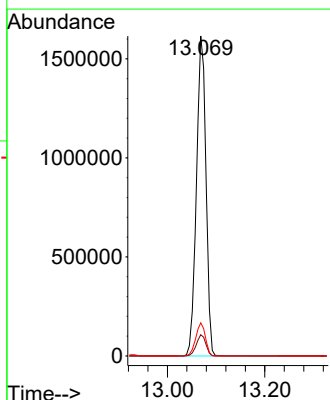
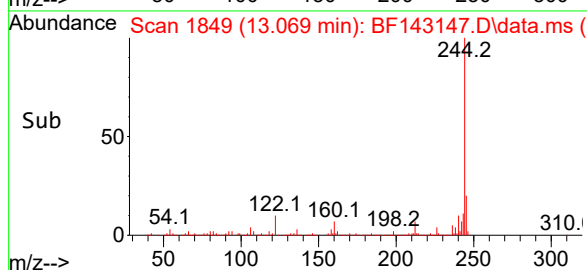
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

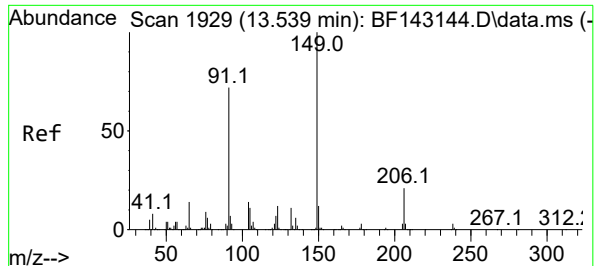


#79
Terphenyl-d14
Concen: 133.606 ng
RT: 13.069 min Scan# 1849
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34



Tgt Ion:244 Resp: 2202828
Ion Ratio Lower Upper
244 100
212 6.6 5.2 7.8
122 10.4 8.2 12.2





#80

Butylbenzylphthalate

Concen: 81.353 ng

RT: 13.539 min Scan# 1929

Delta R.T. 0.000 min

Lab File: BF143147.D

Acq: 17 Jul 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:149 Resp: 52163

Ion Ratio Lower Upper

149 100

91 72.9 57.9 86.9

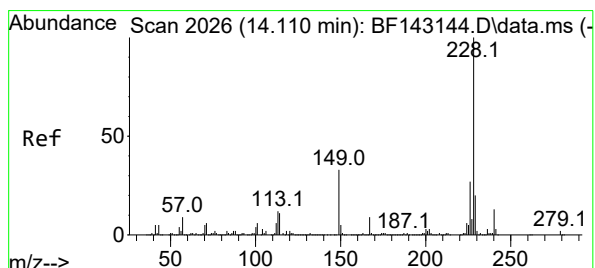
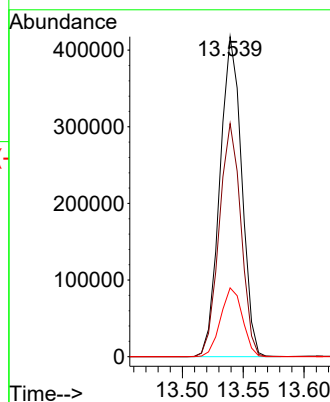
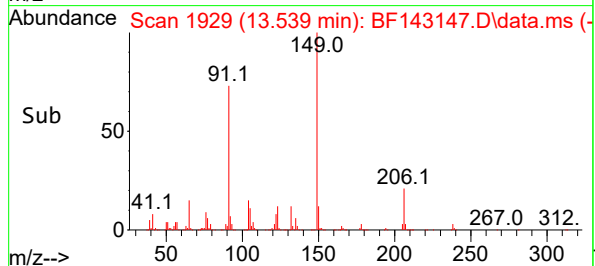
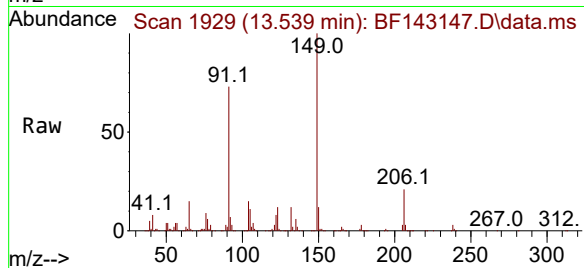
206 21.5 17.0 25.4

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#81

Benzo(a)anthracene

Concen: 73.788 ng

RT: 14.116 min Scan# 2027

Delta R.T. 0.006 min

Lab File: BF143147.D

Acq: 17 Jul 2025 14:34

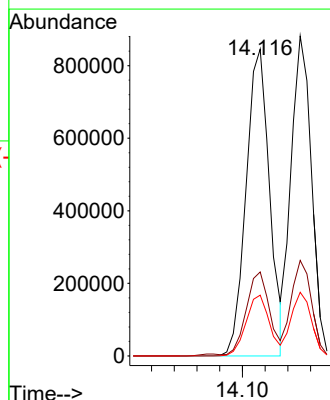
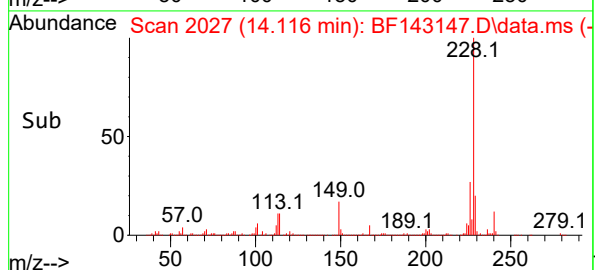
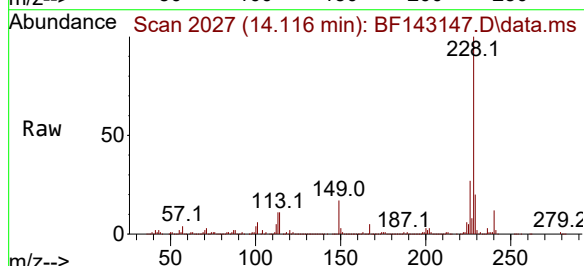
Tgt Ion:228 Resp: 1212056

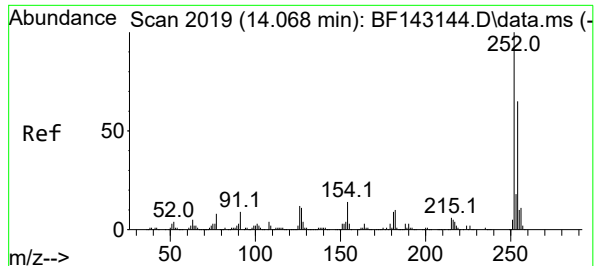
Ion Ratio Lower Upper

228 100

226 27.4 21.7 32.5

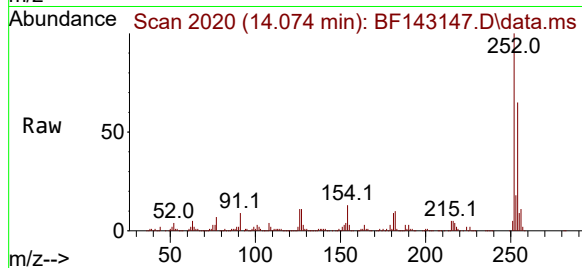
229 19.8 15.8 23.6





#82
3,3'-Dichlorobenzidine
Concen: 71.867 ng
RT: 14.074 min Scan# 2019
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

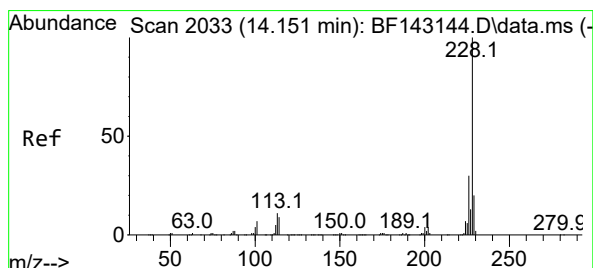
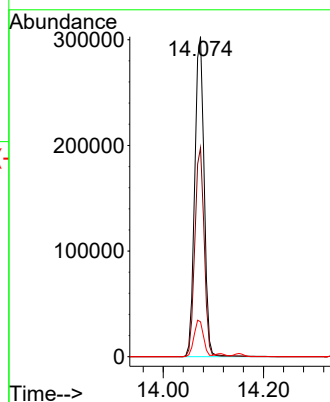
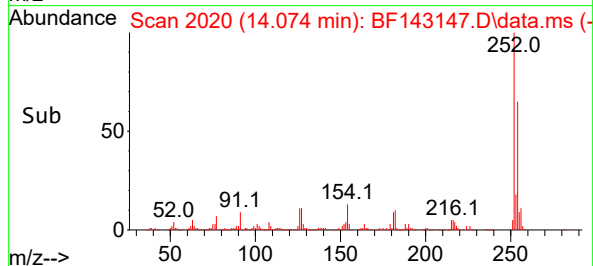
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:252 Resp: 393448
Ion Ratio Lower Upper
252 100
254 65.3 51.7 77.5
126 10.9 9.4 14.0

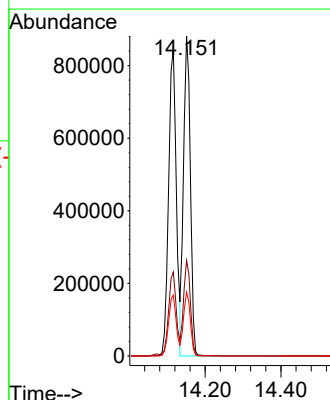
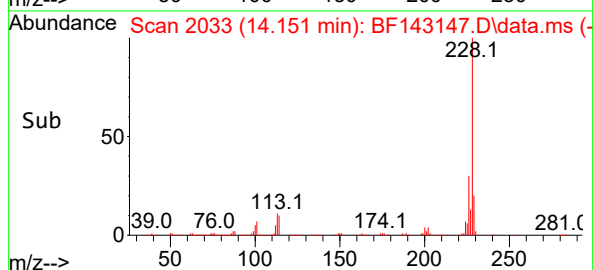
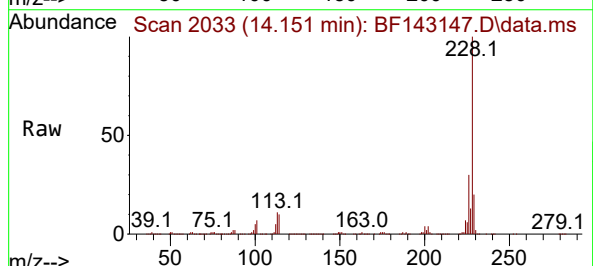
Manual Integrations
APPROVED

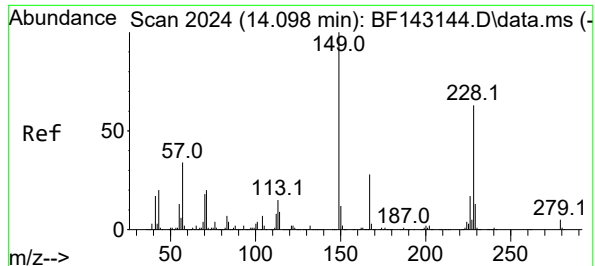
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#83
Chrysene
Concen: 74.863 ng
RT: 14.151 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

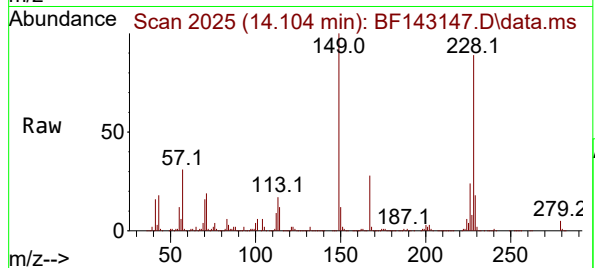
Tgt Ion:228 Resp: 1105636
Ion Ratio Lower Upper
228 100
226 29.8 23.8 35.8
229 19.9 15.6 23.4





#84
Bis(2-ethylhexyl)phthalate
Concen: 79.790 ng
RT: 14.104 min Scan# 2024
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

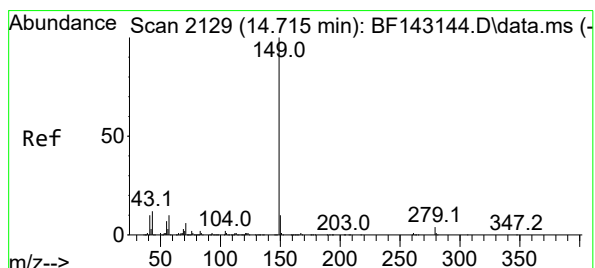
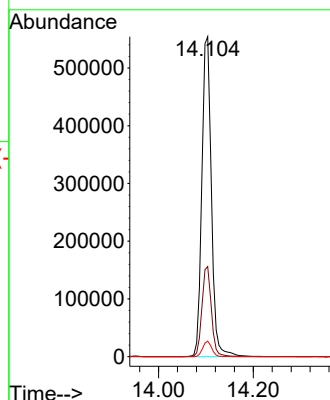
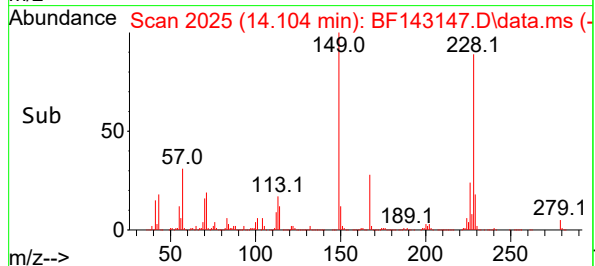
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:149 Resp: 774360
Ion Ratio Lower Upper
149 100
167 28.1 22.3 33.5
279 4.9 3.6 5.4

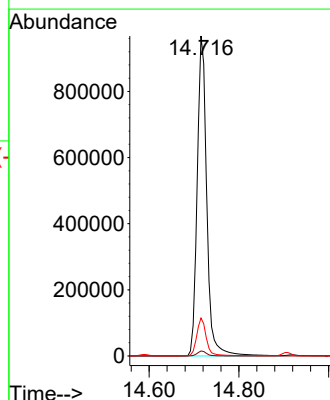
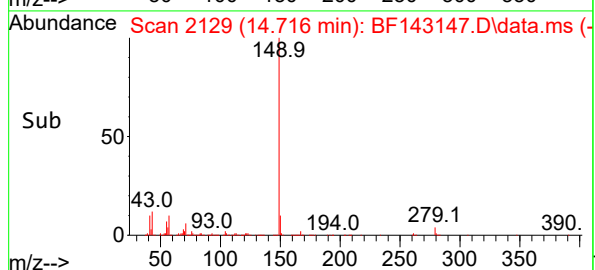
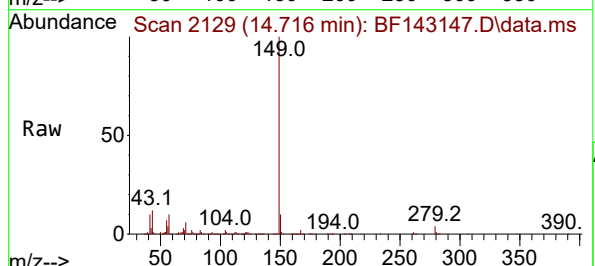
Manual Integrations
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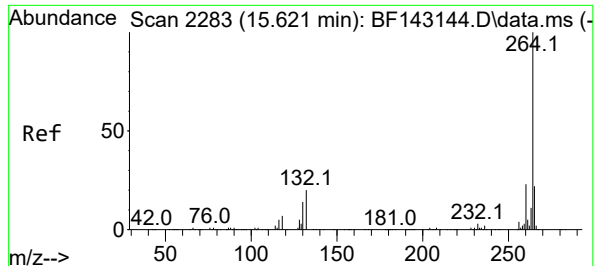
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#85
Di-n-octyl phthalate
Concen: 81.519 ng
RT: 14.716 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

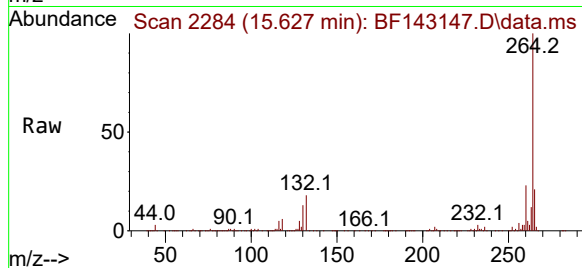
Tgt Ion:149 Resp: 1434055
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 11.9 9.7 14.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.627 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

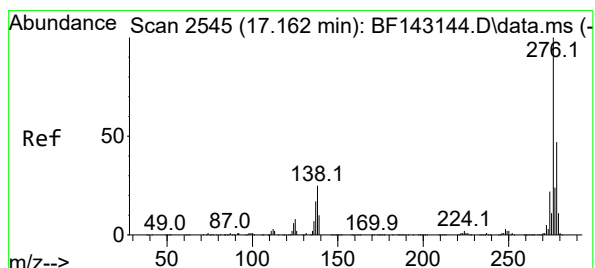
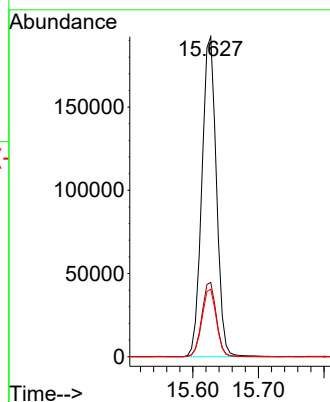
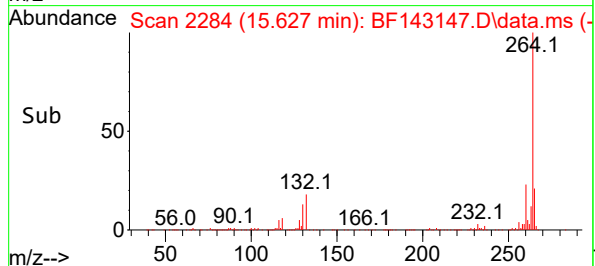
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:264 Resp: 29668
Ion Ratio Lower Upper
264 100
260 23.2 18.5 27.7
265 21.1 17.4 26.2

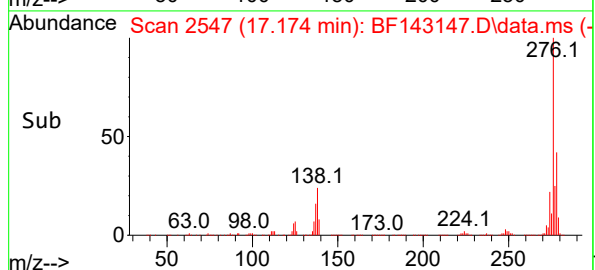
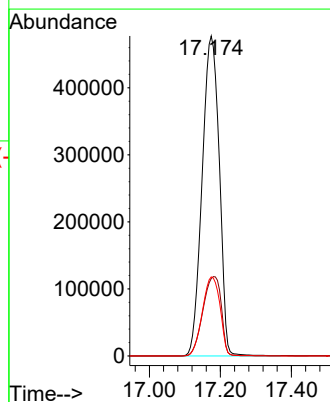
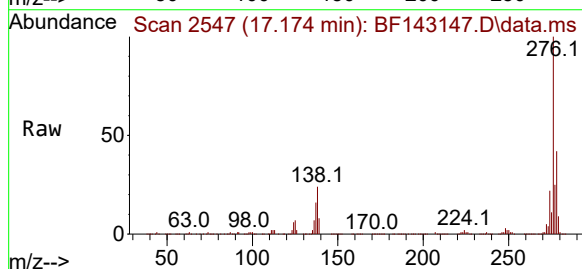
Manual Integrations
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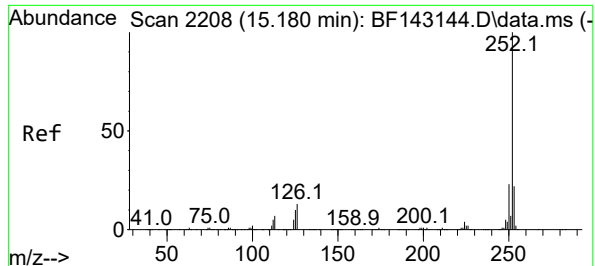
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#87
Indeno(1,2,3-cd)pyrene
Concen: 76.718 ng
RT: 17.174 min Scan# 2547
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:276 Resp: 1604969
Ion Ratio Lower Upper
276 100
138 26.5 21.8 32.6
277 25.5 20.0 30.0





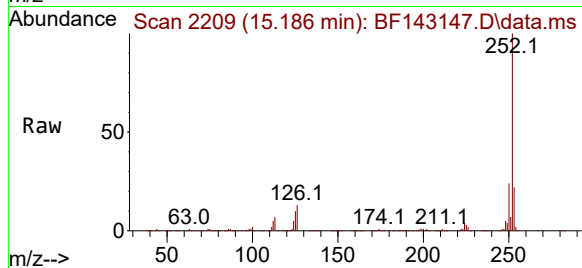
#88
Benzo(b)fluoranthene
Concen: 79.367 ng
RT: 15.186 min Scan# 2114
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

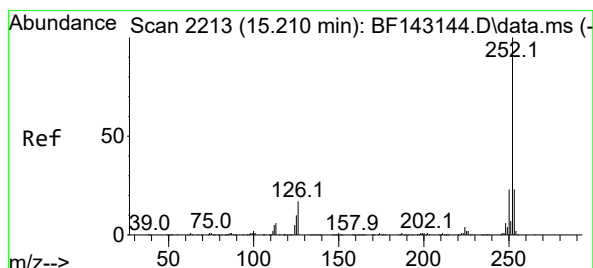
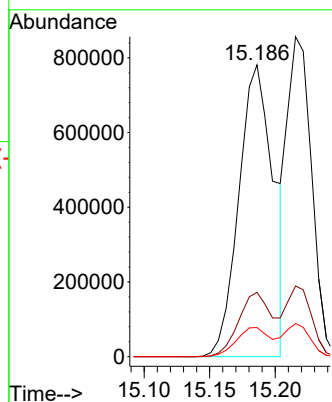
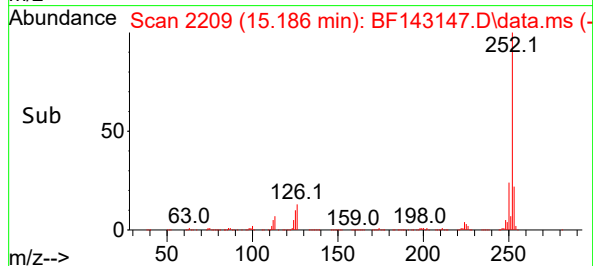


Tgt Ion:252 Resp: 1438518
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 10.0 8.0 12.0

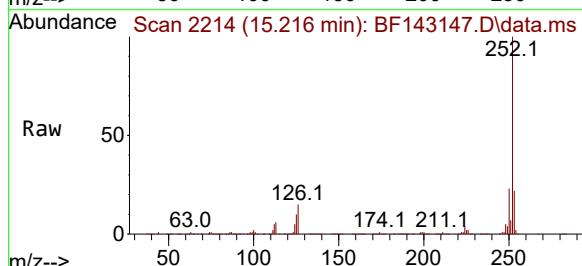
Manual Integrations

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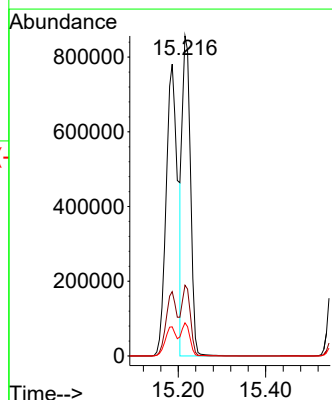
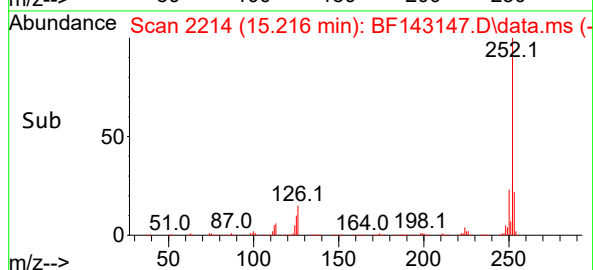
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

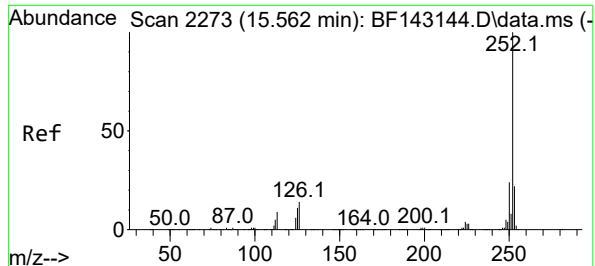


#89
Benzo(k)fluoranthene
Concen: 68.737 ng
RT: 15.216 min Scan# 2214
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34



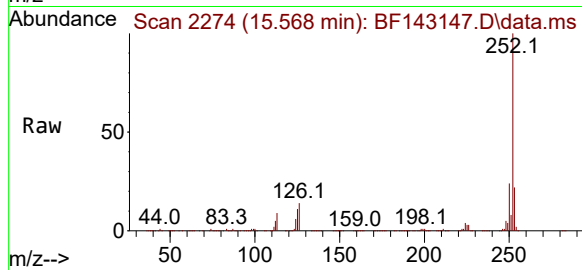
Tgt Ion:252 Resp: 1111726
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 10.4 8.1 12.1





#90
Benzo(a)pyrene
Concen: 76.006 ng
RT: 15.568 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

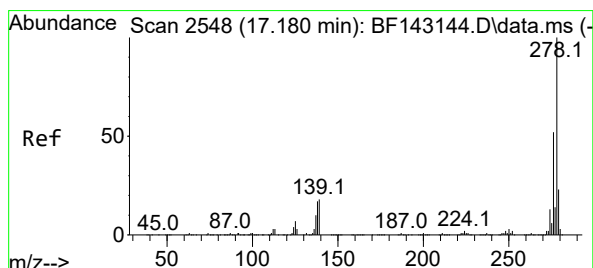
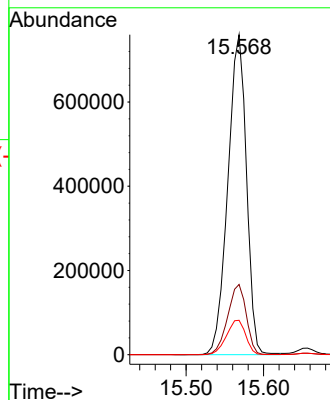
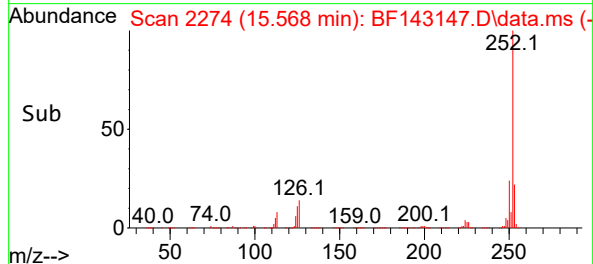
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



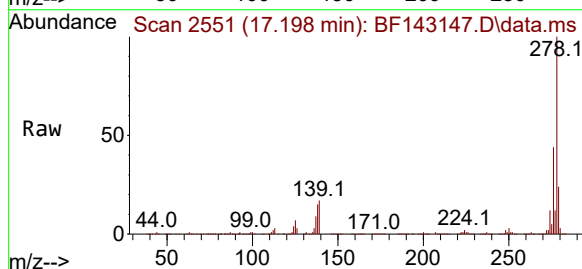
Tgt Ion:252 Resp: 126925
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 10.8 8.6 13.0

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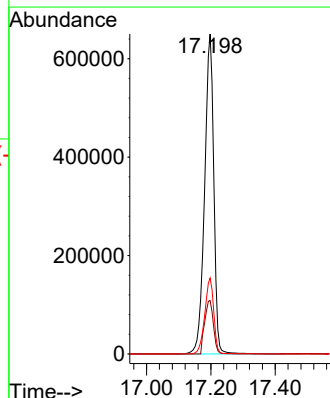
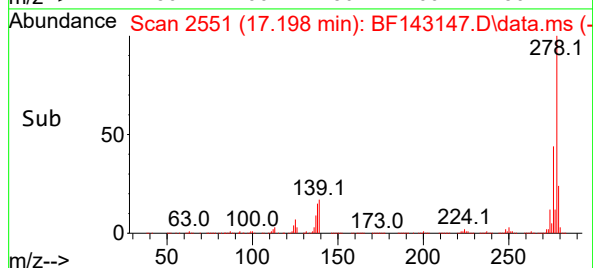
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

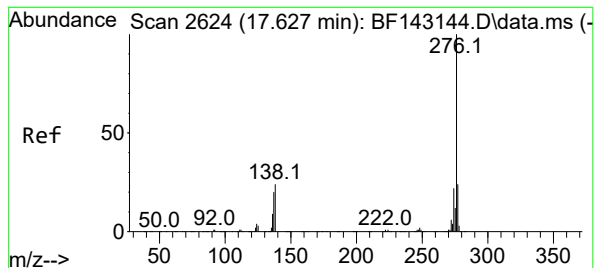


#91
Dibenzo(a,h)anthracene
Concen: 75.746 ng
RT: 17.198 min Scan# 2551
Delta R.T. 0.018 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34



Tgt Ion:278 Resp: 1289789
Ion Ratio Lower Upper
278 100
139 16.7 14.1 21.1
279 23.8 18.6 28.0





#92

Benzo(g,h,i)perylene

Concen: 76.846 ng

RT: 17.645 min Scan# 20

Delta R.T. 0.018 min

Lab File: BF143147.D

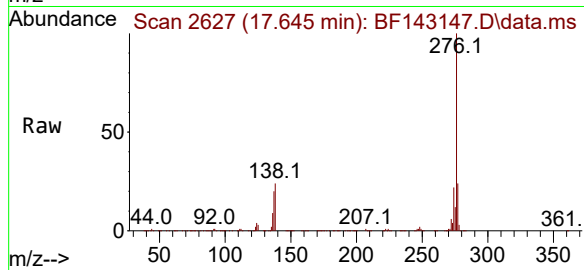
Acq: 17 Jul 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion:276 Resp: 1265778

Ion Ratio Lower Upper

276 100

277 24.0 19.1 28.7

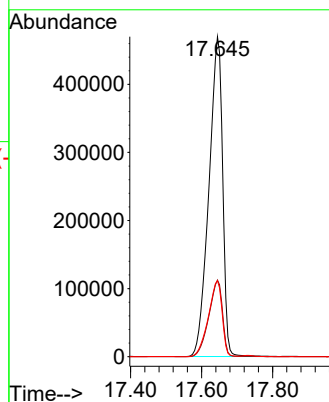
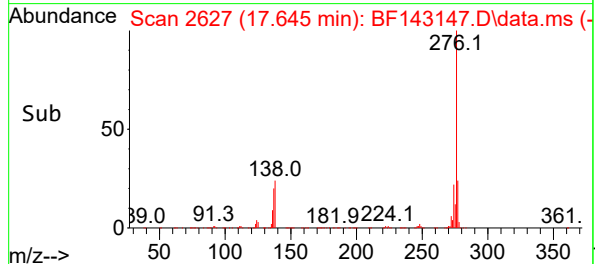
138 23.7 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
 Data File : BF143148.D
 Acq On : 17 Jul 2025 15:06
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

ICVBF071725

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025

Quant Time: Jul 17 16:24:49 2025

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

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Jul 17 15:14:05 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	143868	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	559677	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	287255	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	457098	20.000	ng	0.00
76) Chrysene-d12	14.121	240	265008	20.000	ng	0.00
86) Perylene-d12	15.621	264	310192	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	701339	77.143	ng	0.00
7) Phenol-d6	6.581	99	894087	78.133	ng	0.00
23) Nitrobenzene-d5	7.522	82	811178	72.247	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	237309	79.969	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1449098	68.992	ng	0.00
79) Terphenyl-d14	13.068	244	1234701	69.333	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.793	88	165605	38.496	ng	98
3) Pyridine	3.569	79	453367	40.604	ng	99
4) n-Nitrosodimethylamine	3.510	42	235215	40.802	ng	97
6) Aniline	6.622	93	655116	41.078	ng	99
8) 2-Chlorophenol	6.745	128	395767	41.530	ng	99
9) Benzaldehyde	6.510	77	321269	37.441	ng	98
10) Phenol	6.598	94	508952m	40.827	ng	
11) bis(2-Chloroethyl)ether	6.692	93	387791	40.628	ng	100
12) 1,3-Dichlorobenzene	6.904	146	418232	40.400	ng	99
13) 1,4-Dichlorobenzene	6.981	146	424629	40.731	ng	99
14) 1,2-Dichlorobenzene	7.134	146	411560	41.506	ng	99
15) Benzyl Alcohol	7.098	79	366608	41.958	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.234	45	732274	41.357	ng	100
17) 2-Methylphenol	7.204	107	331709	41.398	ng	99
18) Hexachloroethane	7.481	117	151232	41.903	ng	98
19) n-Nitroso-di-n-propyla...	7.375	70	296171	40.342	ng	100
20) 3+4-Methylphenols	7.357	107	412065	42.387	ng	98
22) Acetophenone	7.369	105	533464	40.260	ng	99
24) Nitrobenzene	7.539	77	436834	41.731	ng	98
25) Isophorone	7.781	82	804071	40.567	ng	99
26) 2-Nitrophenol	7.857	139	203967	44.896	ng	100
27) 2,4-Dimethylphenol	7.886	122	377575	40.773	ng	100
28) bis(2-Chloroethoxy)met...	7.986	93	474637	39.939	ng	99
29) 2,4-Dichlorophenol	8.092	162	319216	40.875	ng	98
30) 1,2,4-Trichlorobenzene	8.186	180	342135	40.551	ng	99
31) Naphthalene	8.269	128	1106482	40.143	ng	100
32) Benzoic acid	7.986	122	202337	39.782	ng	98
33) 4-Chloroaniline	8.310	127	457742	40.671	ng	99
34) Hexachlorobutadiene	8.386	225	212781	41.284	ng	100
35) Caprolactam	8.675	113	96661	40.959	ng	98
36) 4-Chloro-3-methylphenol	8.780	107	344726	40.611	ng	99
37) 2-Methylnaphthalene	8.957	142	675594	40.279	ng	100
38) 1-Methylnaphthalene	9.057	142	703170	40.712	ng	100
40) 1,2,4,5-Tetrachloroben...	9.122	216	339567	40.944	ng	98
41) Hexachlorocyclopentadiene	9.116	237	231349	42.872	ng	99
43) 2,4,6-Trichlorophenol	9.228	196	231043	40.253	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
 Data File : BF143148.D
 Acq On : 17 Jul 2025 15:06
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071725

Manual Integrations
 APPROVED

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

Quant Time: Jul 17 16:24:49 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.263	196	246820	42.989	ng	97
46) 1,1'-Biphenyl	9.422	154	920059	41.053	ng	100
47) 2-Chloronaphthalene	9.445	162	666359	40.184	ng	100
48) 2-Nitroaniline	9.533	65	227376	43.723	ng	100
49) Acenaphthylene	9.863	152	1111992	40.013	ng	100
50) Dimethylphthalate	9.716	163	753041	40.218	ng	100
51) 2,6-Dinitrotoluene	9.775	165	166911	43.820	ng	98
52) Acenaphthene	10.033	154	659908	40.176	ng	99
53) 3-Nitroaniline	9.939	138	191512	42.985	ng	98
54) 2,4-Dinitrophenol	10.045	184	64659	40.998	ng	98
55) Dibenzofuran	10.204	168	974991	39.981	ng	100
56) 4-Nitrophenol	10.086	139	140876	42.344	ng	99
57) 2,4-Dinitrotoluene	10.175	165	212369	44.440	ng	97
58) Fluorene	10.551	166	717816	39.219	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	198530	41.743	ng	99
60) Diethylphthalate	10.416	149	753774	40.729	ng	100
61) 4-Chlorophenyl-phenyle...	10.539	204	367981	40.377	ng	99
62) 4-Nitroaniline	10.551	138	160193	41.953	ng	98
63) Azobenzene	10.698	77	779524	40.414	ng	100
65) 4,6-Dinitro-2-methylph...	10.586	198	98462	41.869	ng	97
66) n-Nitrosodiphenylamine	10.657	169	647855	40.250	ng	100
67) 4-Bromophenyl-phenylether	11.027	248	222405	40.828	ng	100
68) Hexachlorobenzene	11.098	284	229272	40.268	ng	100
69) Atrazine	11.174	200	189104	42.615	ng	99
70) Pentachlorophenol	11.286	266	141608	42.292	ng	99
71) Phenanthrene	11.510	178	971448	40.026	ng	100
72) Anthracene	11.563	178	1003925	40.557	ng	99
73) Carbazole	11.710	167	874867	40.476	ng	100
74) Di-n-butylphthalate	12.039	149	1035244	42.330	ng	100
75) Fluoranthene	12.698	202	909717	40.836	ng	100
77) Benzidine	12.810	184	441470	43.239	ng	100
78) Pyrene	12.927	202	902771	39.916	ng	99
80) Butylbenzylphthalate	13.539	149	303528	43.827	ng	98
81) Benzo(a)anthracene	14.110	228	708799	39.950	ng	100
82) 3,3'-Dichlorobenzidine	14.068	252	258837	43.772	ng	100
83) Chrysene	14.145	228	673701	42.233	ng	100
84) Bis(2-ethylhexyl)phtha...	14.098	149	456811	43.578	ng	100
85) Di-n-octyl phthalate	14.715	149	818512	43.077	ng	100
87) Indeno(1,2,3-cd)pyrene	17.162	276	896404	40.983	ng	100
88) Benzo(b)fluoranthene	15.180	252	820119	43.278	ng	100
89) Benzo(k)fluoranthene	15.209	252	634642	37.531	ng	99
90) Benzo(a)pyrene	15.562	252	708756	40.594	ng	99
91) Dibenzo(a,h)anthracene	17.180	278	724758	40.710	ng	99
92) Benzo(g,h,i)perylene	17.627	276	712864	41.394	ng	100

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

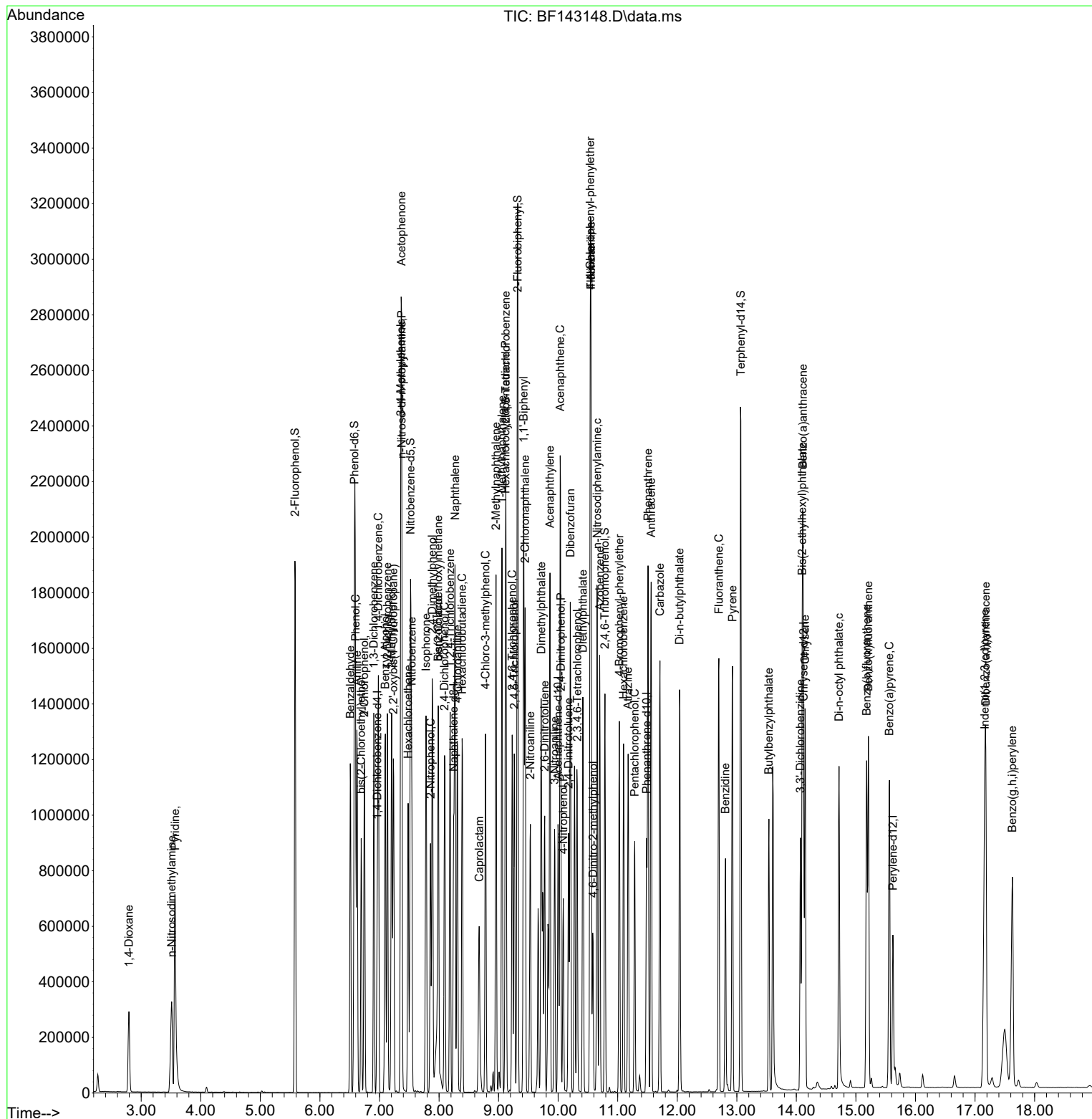
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 Acq On : 17 Jul 2025 15:06
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

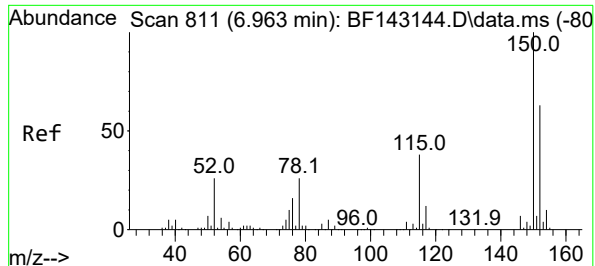
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071725

Manual Integrations APPROVED

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

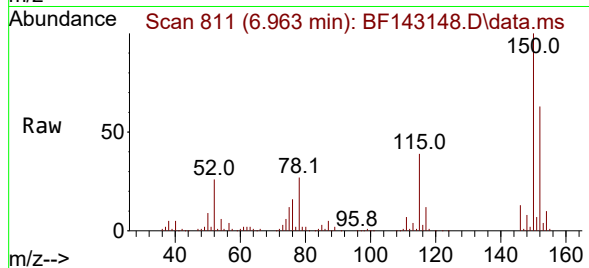
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

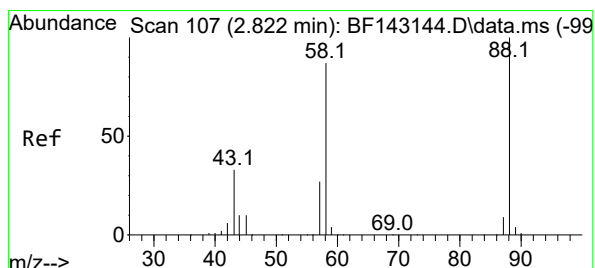
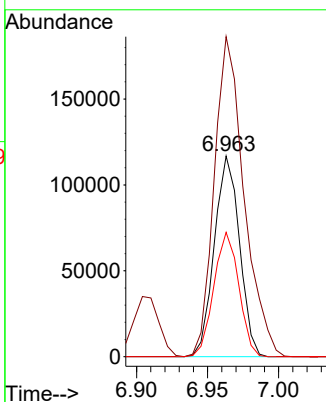
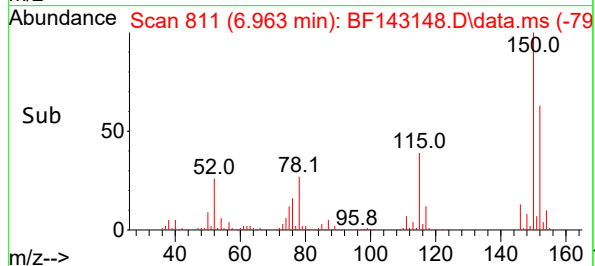
Instrument :
BNA_F
ClientSampleId :
ICVBF071725



Tgt Ion:152 Resp: 143868
Ion Ratio Lower Upper
152 100
150 159.5 128.2 192.4
115 62.0 47.9 71.9

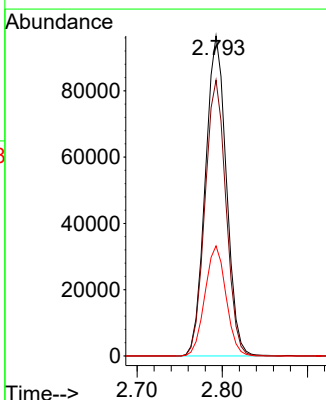
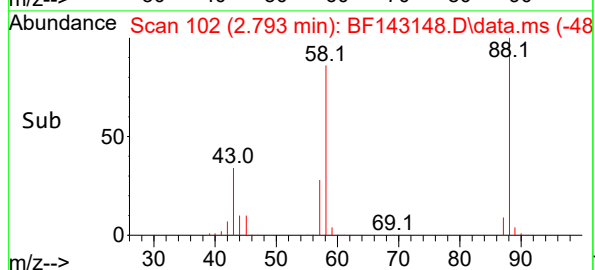
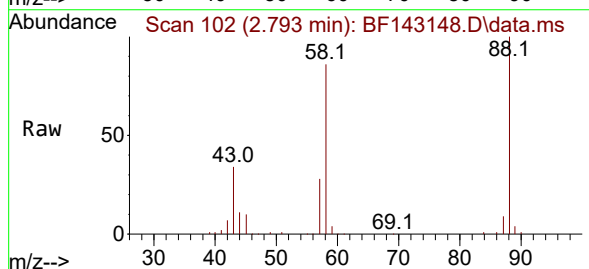
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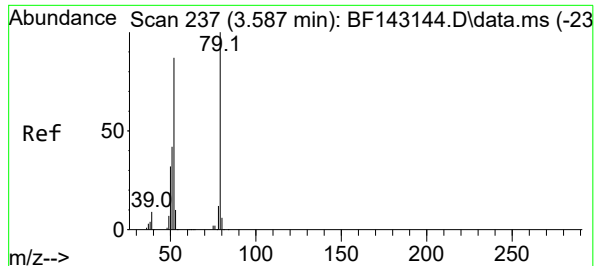
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#2
1,4-Dioxane
Concen: 38.496 ng
RT: 2.793 min Scan# 102
Delta R.T. -0.029 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

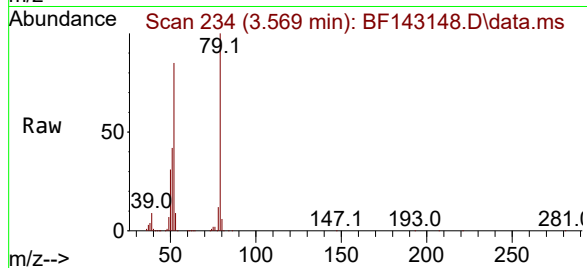
Tgt Ion: 88 Resp: 165605
Ion Ratio Lower Upper
88 100
58 86.0 70.2 105.2
43 34.4 27.1 40.7





#3
Pyridine
Concen: 40.604 ng
RT: 3.569 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

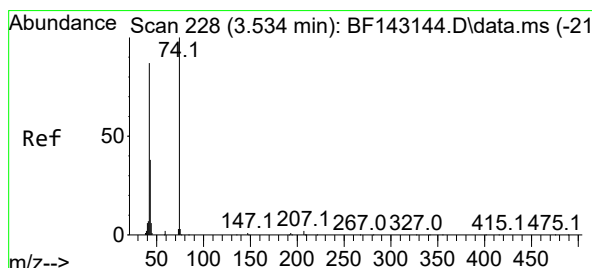
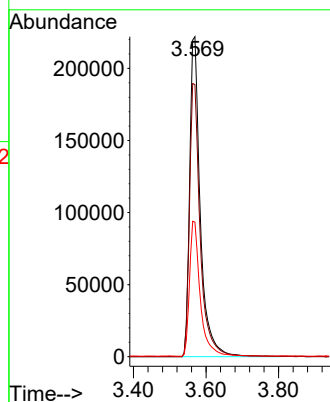
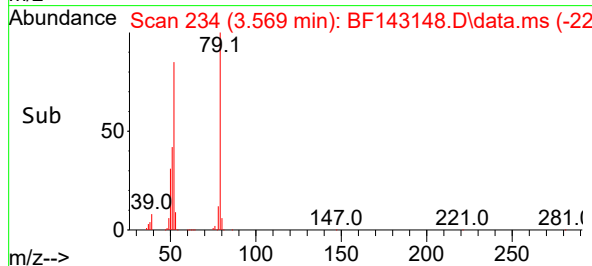
Instrument :
BNA_F
ClientSampleId :
ICVBF071725



Tgt Ion: 79 Resp: 45336
Ion Ratio Lower Upper
79 100
52 85.0 69.4 104.2
51 42.0 33.5 50.3

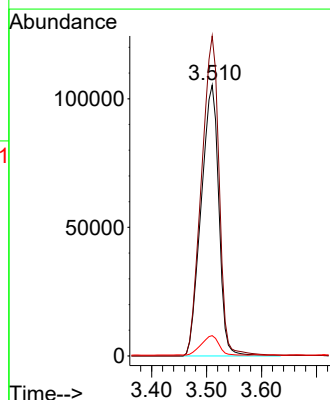
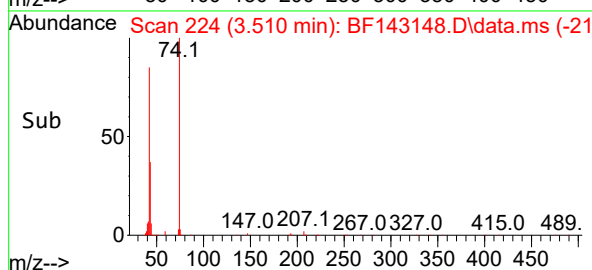
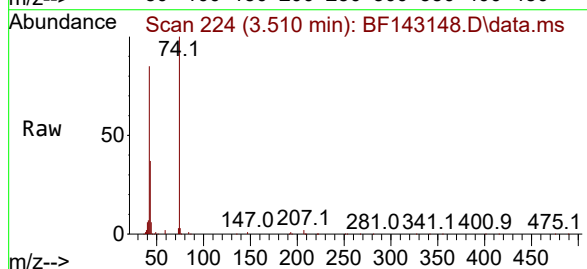
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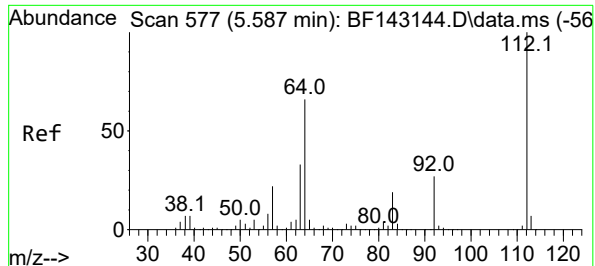
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#4
n-Nitrosodimethylamine
Concen: 40.802 ng
RT: 3.510 min Scan# 224
Delta R.T. -0.024 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

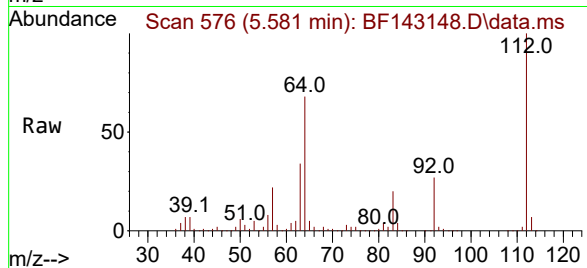
Tgt Ion: 42 Resp: 235215
Ion Ratio Lower Upper
42 100
74 118.1 91.7 137.5
44 7.5 5.6 8.4





#5
2-Fluorophenol
Concen: 77.143 ng
RT: 5.581 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

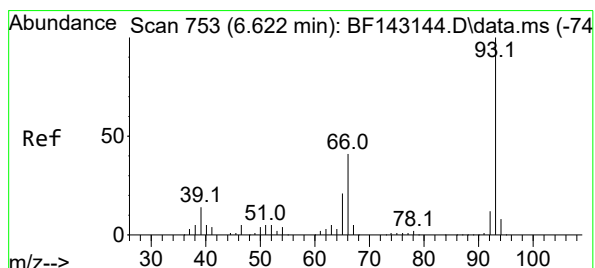
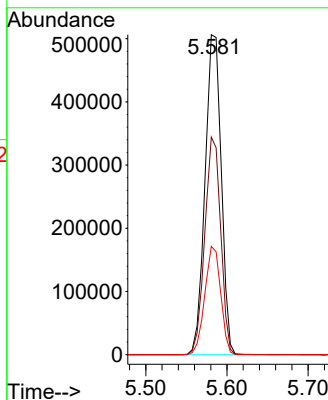
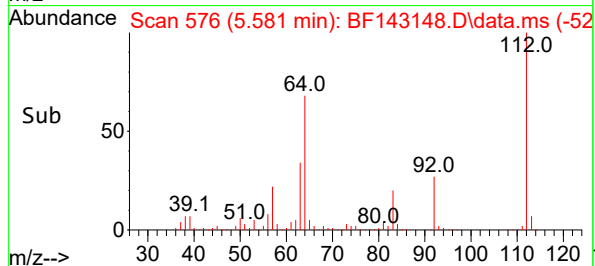
Instrument :
BNA_F
ClientSampleId :
ICVBF071725



Tgt Ion:112 Resp: 701339
Ion Ratio Lower Upper
112 100
64 68.0 53.1 79.7
63 33.9 26.6 40.0

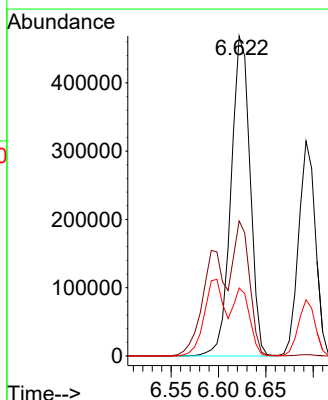
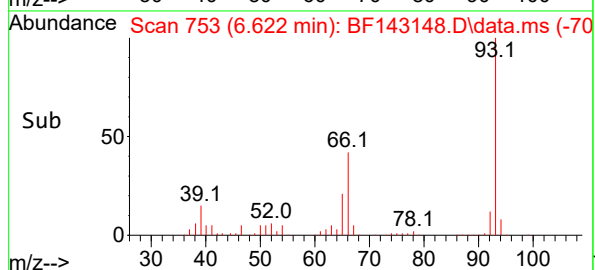
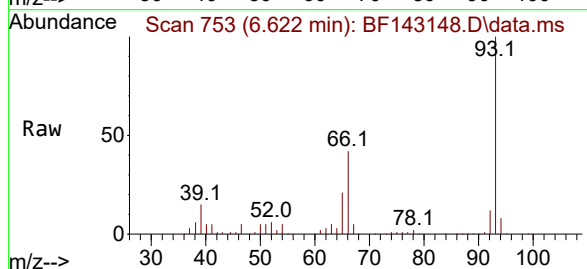
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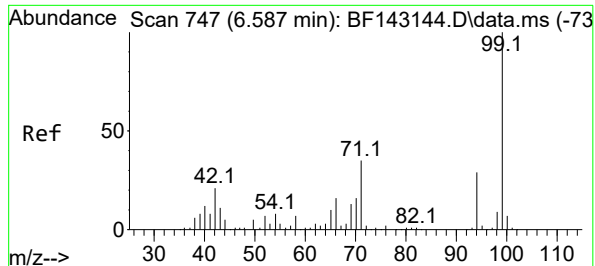
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#6
Aniline
Concen: 41.078 ng
RT: 6.622 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

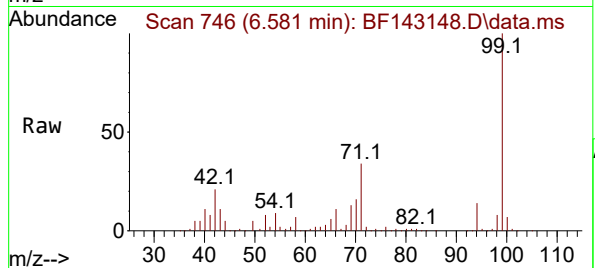
Tgt Ion: 93 Resp: 655116
Ion Ratio Lower Upper
93 100
66 42.2 33.2 49.8
65 21.3 16.9 25.3





#7
Phenol-d6
Concen: 78.133 ng
RT: 6.581 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

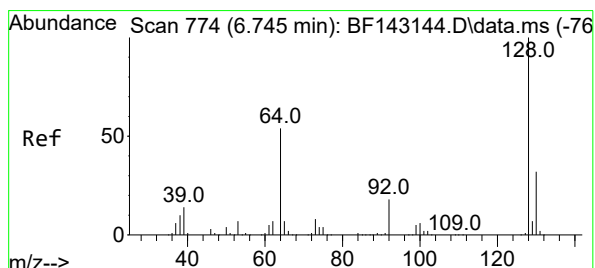
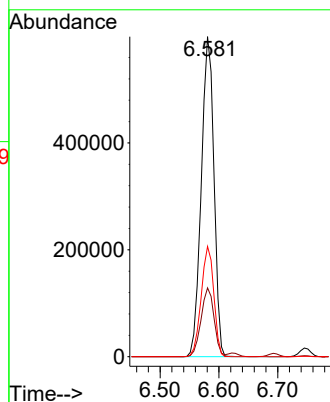
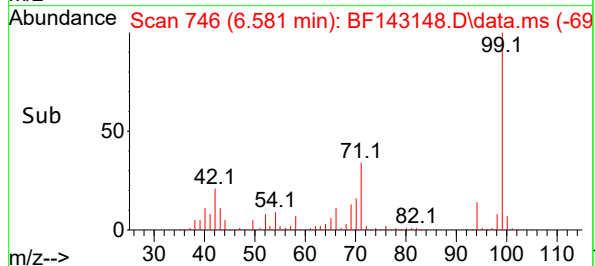
Instrument :
BNA_F
ClientSampleId :
ICVBF071725



Tgt Ion: 99 Resp: 89408
Ion Ratio Lower Upper
99 100
42 21.5 17.0 25.6
71 34.5 27.7 41.5

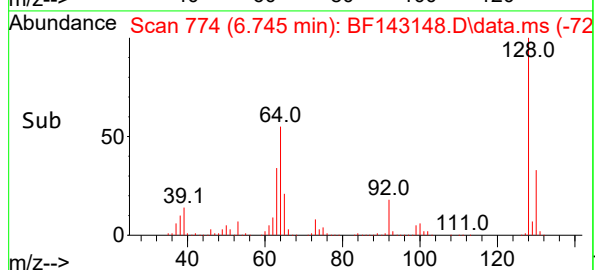
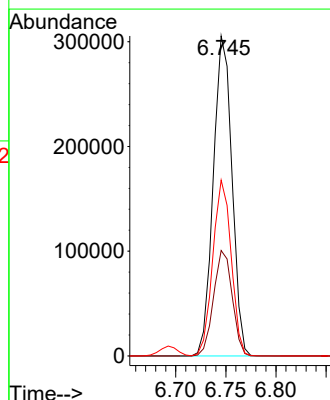
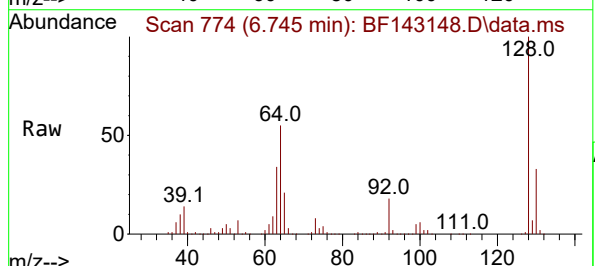
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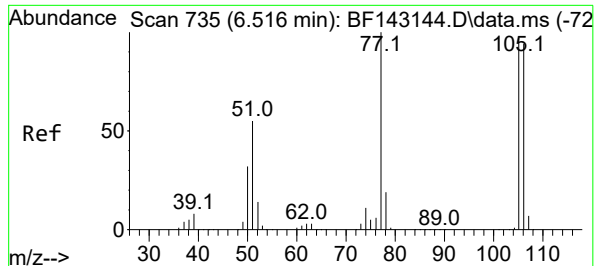
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#8
2-Chlorophenol
Concen: 41.530 ng
RT: 6.745 min Scan# 774
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:128 Resp: 395767
Ion Ratio Lower Upper
128 100
130 32.9 12.3 52.3
64 54.9 35.9 75.9





#9

Benzaldehyde

Concen: 37.441 ng

RT: 6.510 min Scan# 710

Delta R.T. -0.006 min

Lab File: BF143148.D

Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725

Tgt Ion: 77 Resp: 321269

Ion Ratio Lower Upper

77 100

105 94.2 76.8 116.8

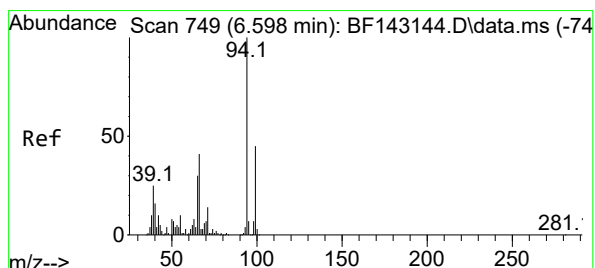
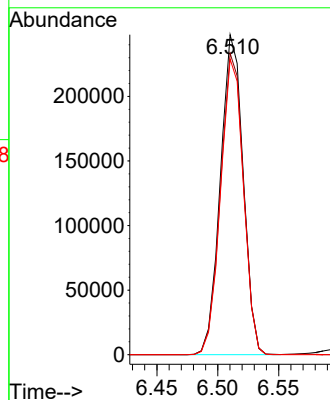
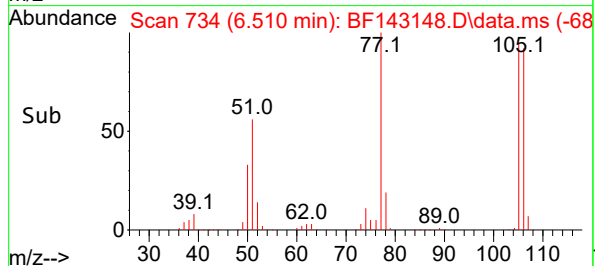
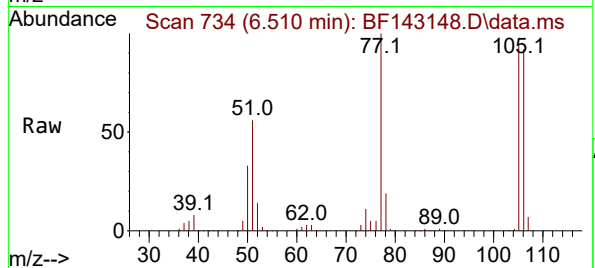
106 92.4 74.4 114.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#10

Phenol

Concen: 40.827 ng m

RT: 6.598 min Scan# 749

Delta R.T. -0.000 min

Lab File: BF143148.D

Acq: 17 Jul 2025 15:06

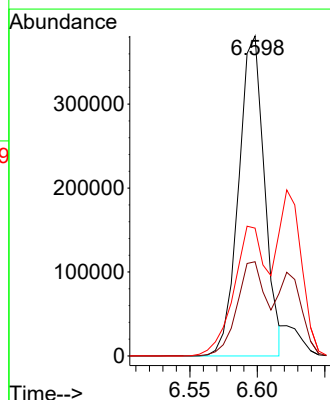
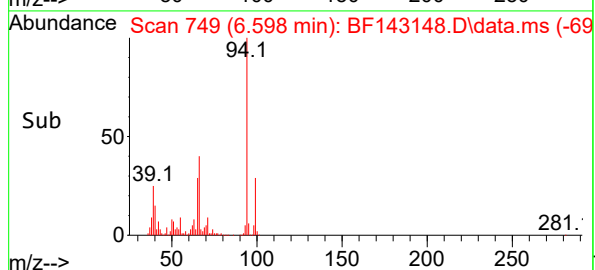
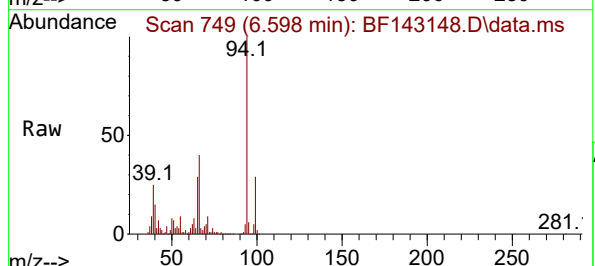
Tgt Ion: 94 Resp: 508952

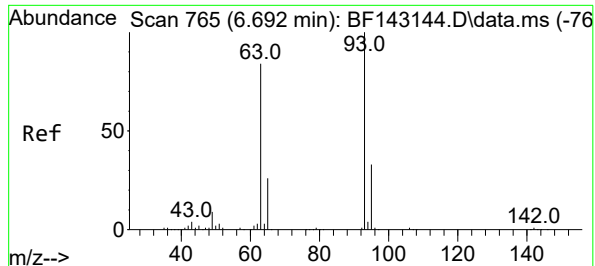
Ion Ratio Lower Upper

94 100

65 29.4 10.0 50.0

66 40.0 20.8 60.8





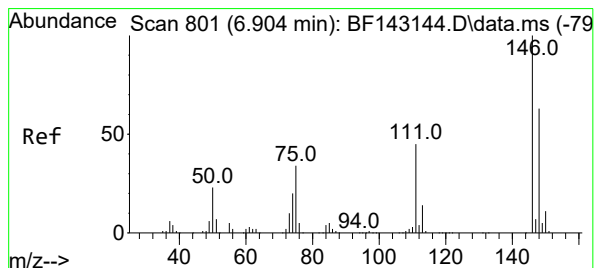
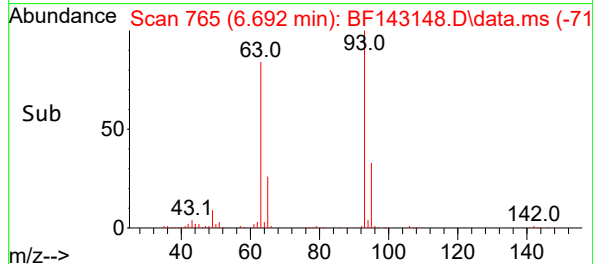
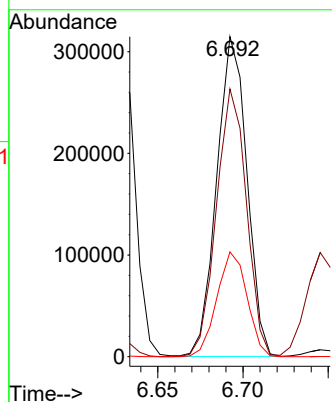
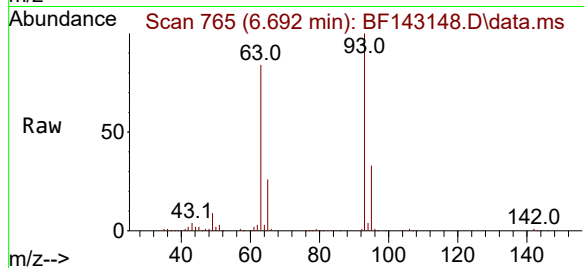
#11
bis(2-Chloroethyl)ether
Concen: 40.628 ng
RT: 6.692 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion: 93 Resp: 38779
Ion Ratio Lower Upper
93 100
63 83.7 63.4 103.4
95 32.7 12.4 52.4

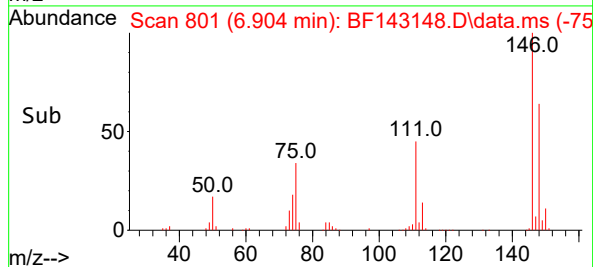
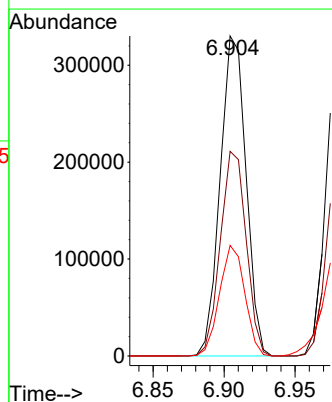
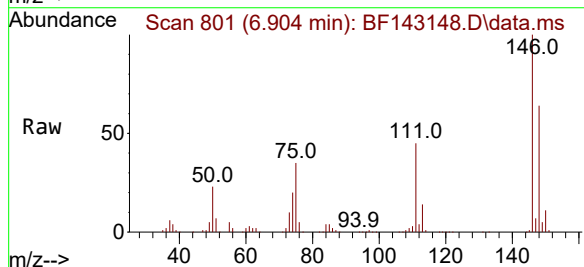
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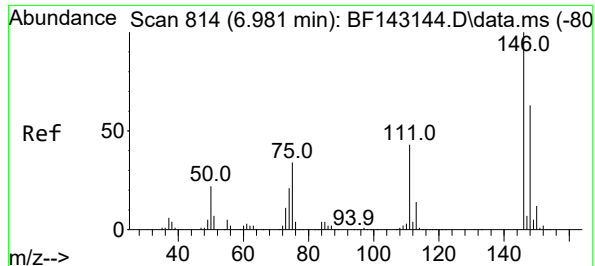
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#12
1,3-Dichlorobenzene
Concen: 40.400 ng
RT: 6.904 min Scan# 801
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:146 Resp: 418232
Ion Ratio Lower Upper
146 100
148 63.9 50.6 76.0
75 34.6 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 40.731 ng

RT: 6.981 min Scan# 814

Delta R.T. -0.000 min

Lab File: BF143148.D

Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725

Tgt Ion:146 Resp: 424629

Ion Ratio Lower Upper

146 100

148 63.5 50.3 75.5

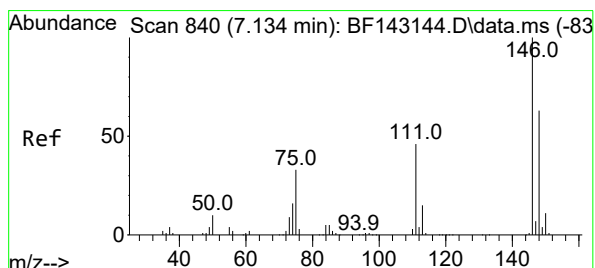
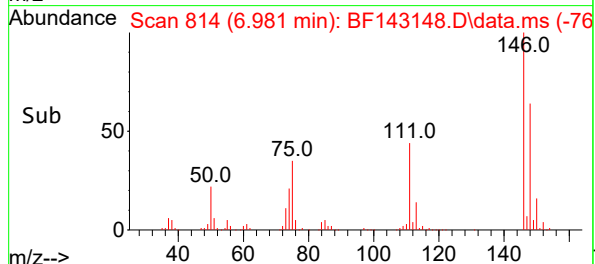
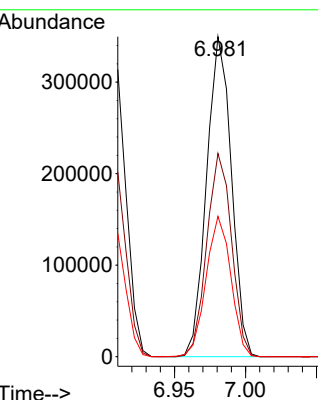
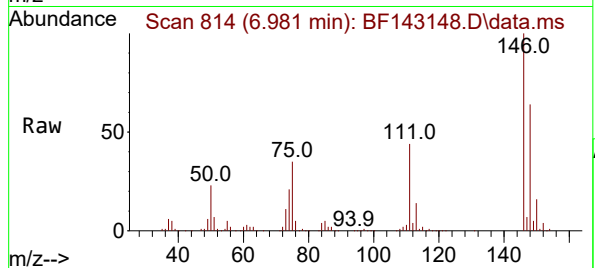
111 43.8 34.4 51.6

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#14

1,2-Dichlorobenzene

Concen: 41.506 ng

RT: 7.134 min Scan# 840

Delta R.T. -0.000 min

Lab File: BF143148.D

Acq: 17 Jul 2025 15:06

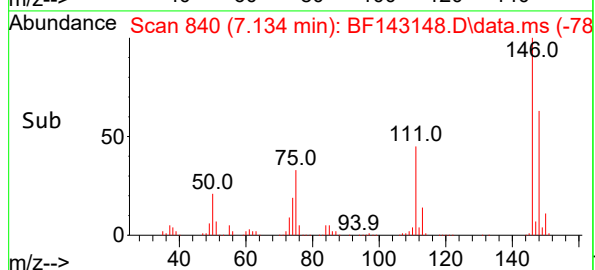
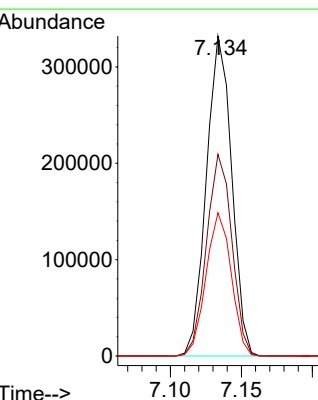
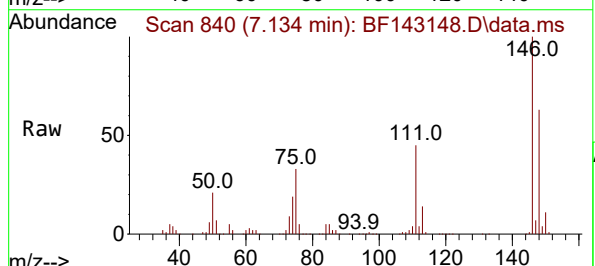
Tgt Ion:146 Resp: 411560

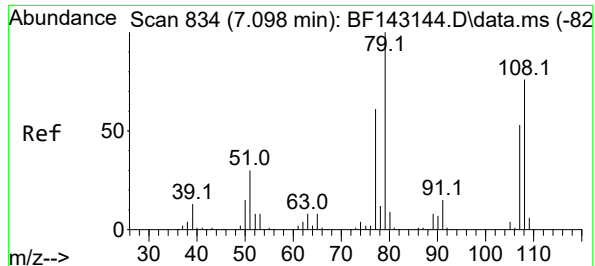
Ion Ratio Lower Upper

146 100

148 63.0 50.7 76.1

111 44.8 36.6 54.8





#15

Benzyl Alcohol

Concen: 41.958 ng

RT: 7.098 min Scan# 834

Delta R.T. -0.000 min

Lab File: BF143148.D

Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725

Tgt Ion: 79 Resp: 366608

Ion Ratio Lower Upper

79 100

108 76.2 61.1 91.7

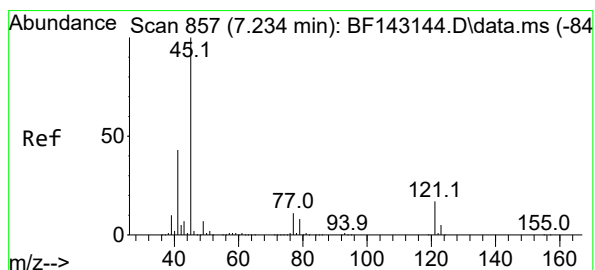
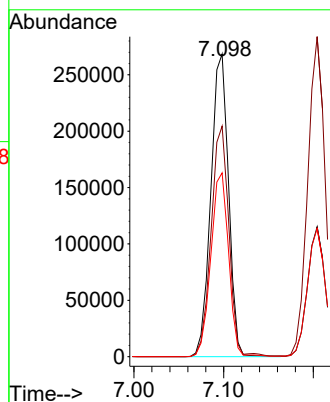
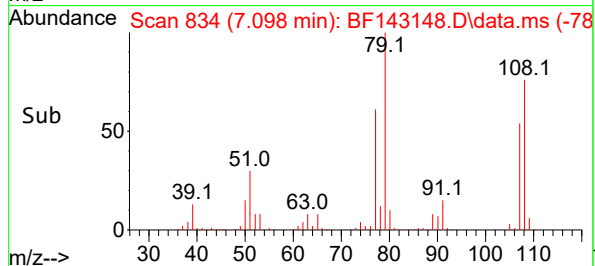
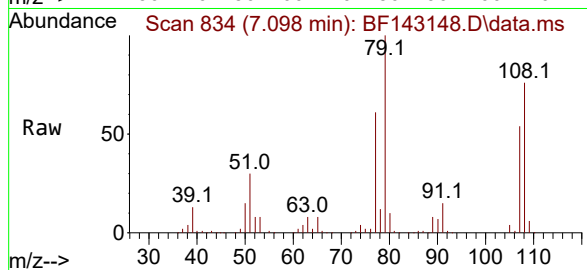
77 60.8 48.9 73.3

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.357 ng

RT: 7.234 min Scan# 857

Delta R.T. -0.000 min

Lab File: BF143148.D

Acq: 17 Jul 2025 15:06

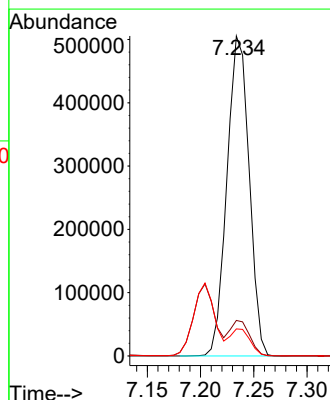
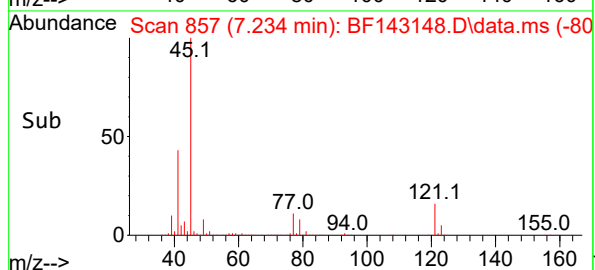
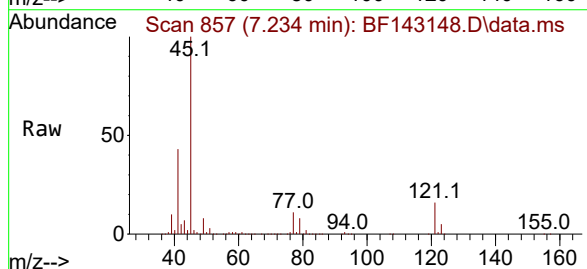
Tgt Ion: 45 Resp: 732274

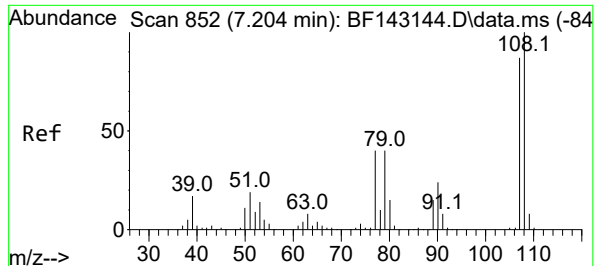
Ion Ratio Lower Upper

45 100

77 11.1 0.0 31.2

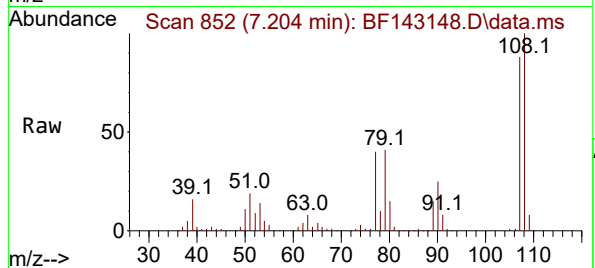
79 8.5 0.0 28.5





#17
2-Methylphenol
Concen: 41.398 ng
RT: 7.204 min Scan# 852
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

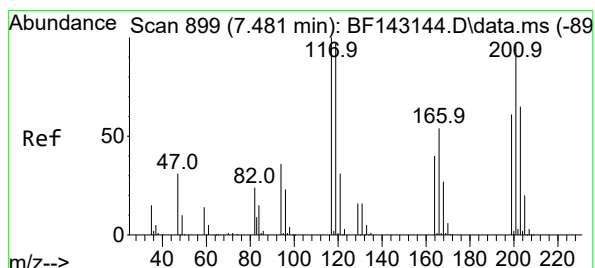
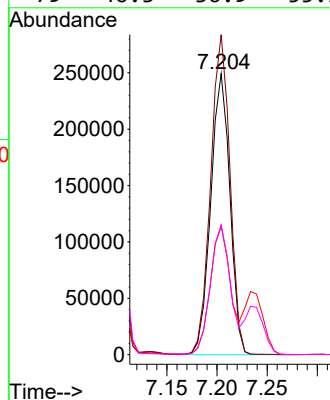
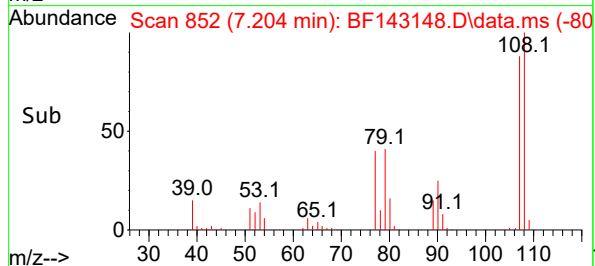
Instrument :
BNA_F
ClientSampleId :
ICVBF071725



Tgt Ion:107 Resp: 331709
Ion Ratio Lower Upper
107 100
108 113.9 91.8 137.6
77 45.7 37.0 55.6
79 46.3 36.9 55.3

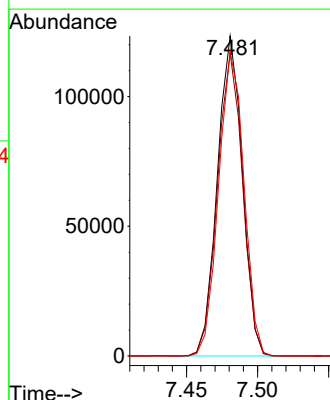
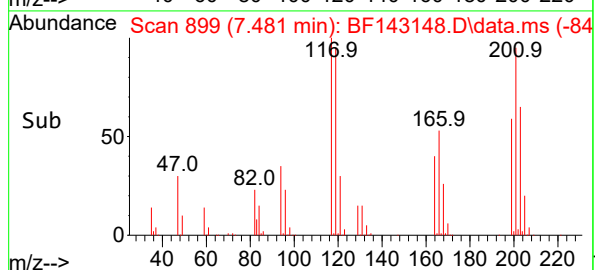
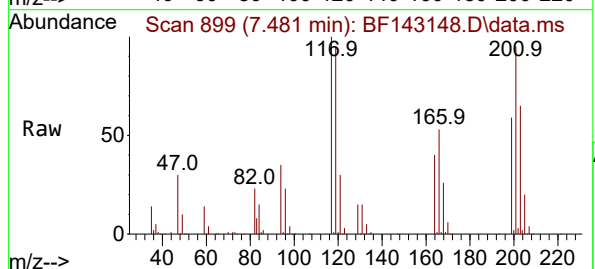
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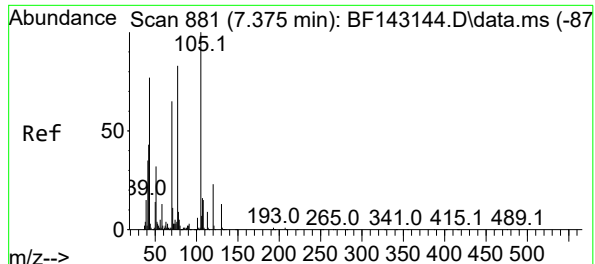
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#18
Hexachloroethane
Concen: 41.903 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:117 Resp: 151232
Ion Ratio Lower Upper
117 100
119 94.7 77.8 116.8
201 95.2 77.0 115.4





#19

n-Nitroso-di-n-propylamine

Concen: 40.342 ng

RT: 7.375 min Scan# 881

Delta R.T. -0.000 min

Lab File: BF143148.D

Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725

Tgt Ion: 70 Resp: 29617

Ion Ratio Lower Upper

70 100

42 65.6 52.5 78.7

101 9.8 7.6 11.4

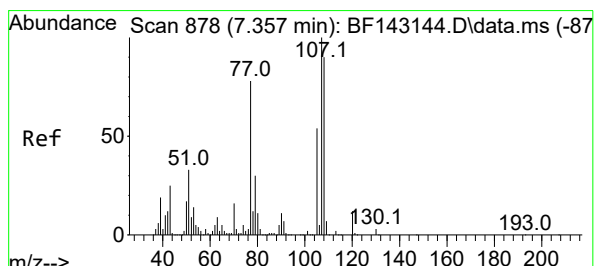
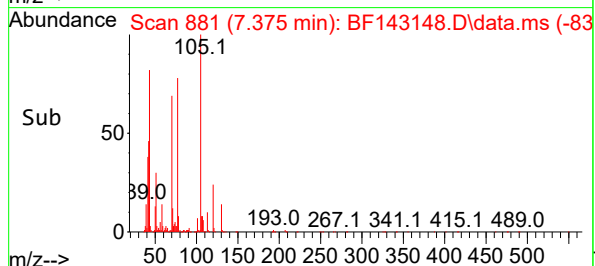
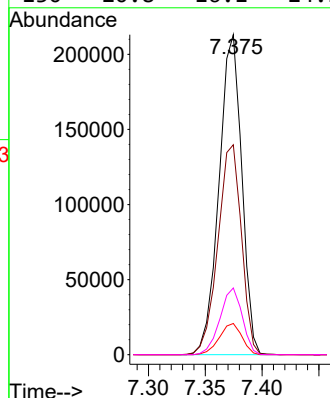
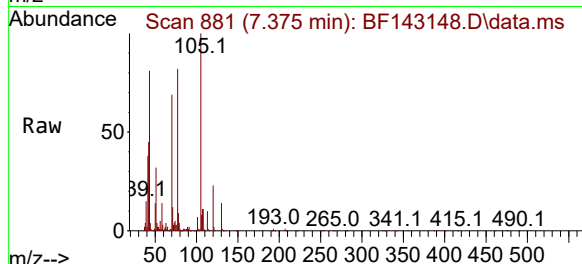
130 20.8 16.1 24.1

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Supervised By :Jagrut Upadhyay 07/18/2025



#20

3+4-Methylphenols

Concen: 42.387 ng

RT: 7.357 min Scan# 878

Delta R.T. -0.000 min

Lab File: BF143148.D

Acq: 17 Jul 2025 15:06

Tgt Ion:107 Resp: 412065

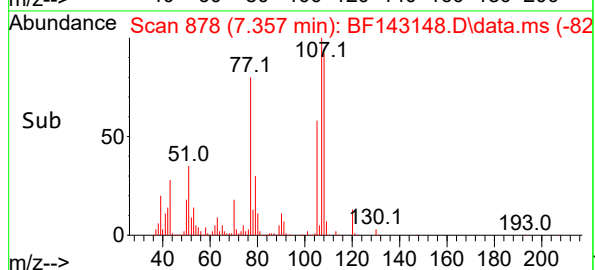
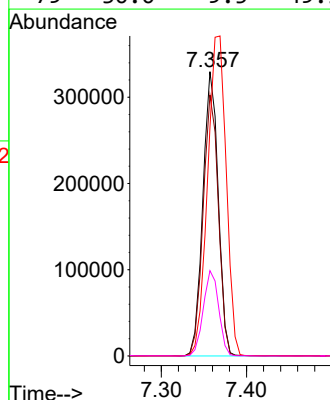
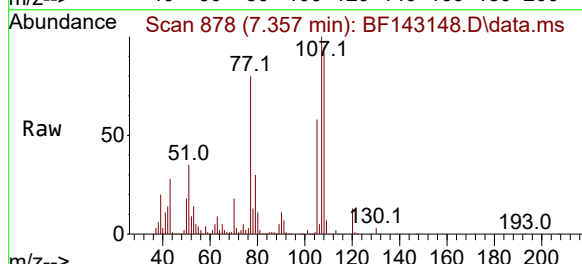
Ion Ratio Lower Upper

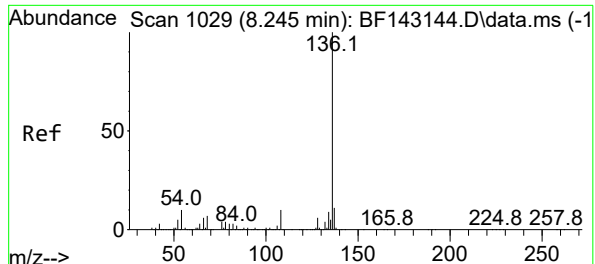
107 100

108 91.8 70.0 110.0

77 80.5 57.8 97.8

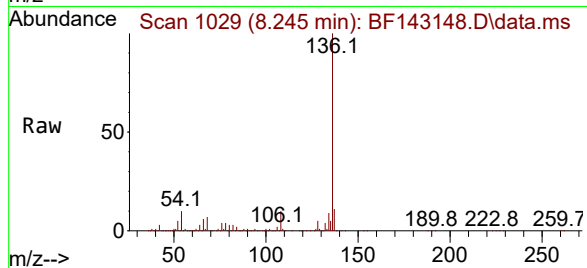
79 30.0 9.5 49.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

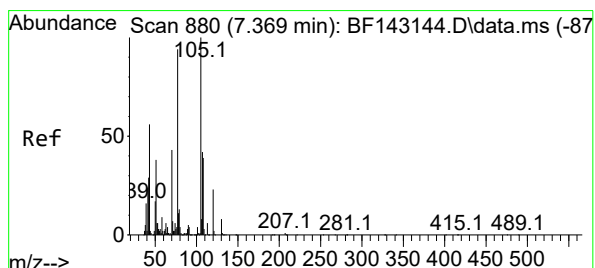
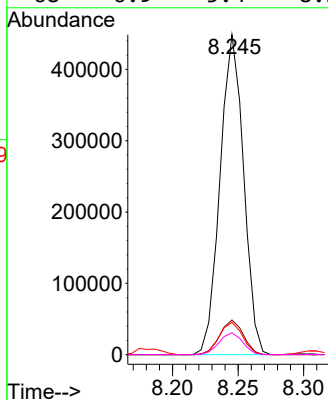
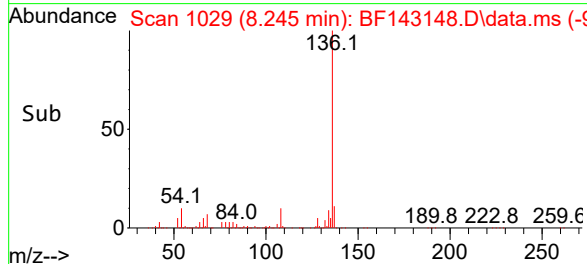
Instrument :
BNA_F
ClientSampleId :
ICVBF071725



Tgt Ion:136 Resp: 55967
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 10.1 8.2 12.2
68 6.9 5.4 8.2

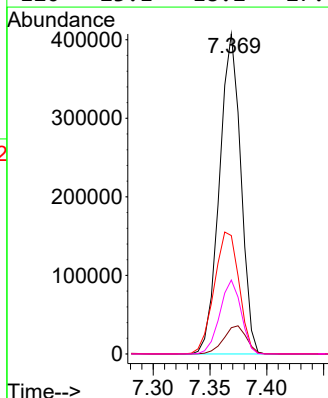
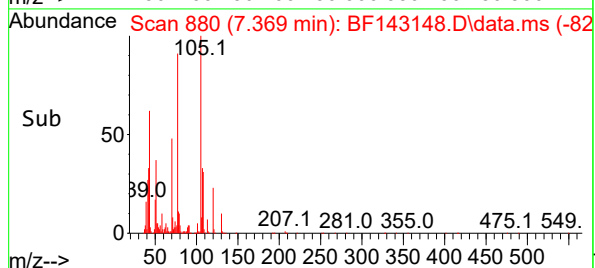
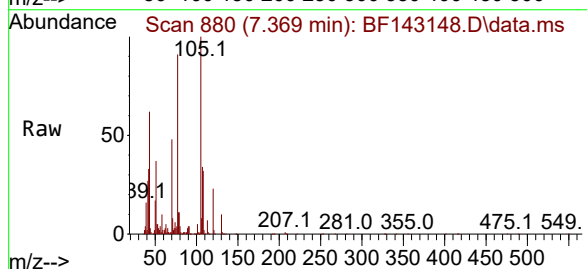
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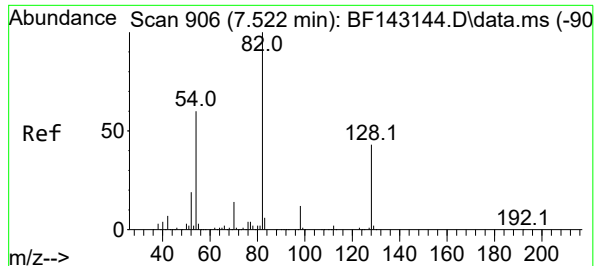
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#22
Acetophenone
Concen: 40.260 ng
RT: 7.369 min Scan# 880
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:105 Resp: 533464
Ion Ratio Lower Upper
105 100
71 8.2 5.8 8.6
51 37.0 30.2 45.2
120 23.1 18.2 27.4





#23

Nitrobenzene-d5

Concen: 72.247 ng

RT: 7.522 min Scan# 90

Delta R.T. -0.000 min

Lab File: BF143148.D

Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725

Tgt Ion: 82 Resp: 811178

Ion Ratio Lower Upper

82 100

128 43.1 33.6 50.4

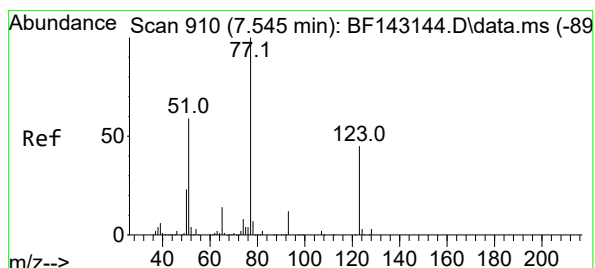
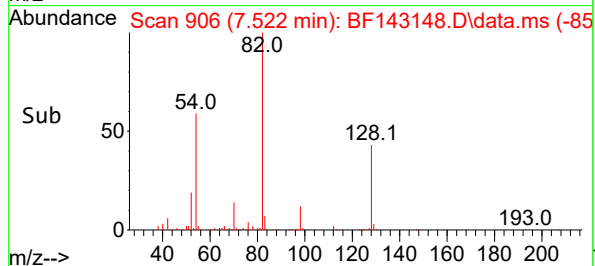
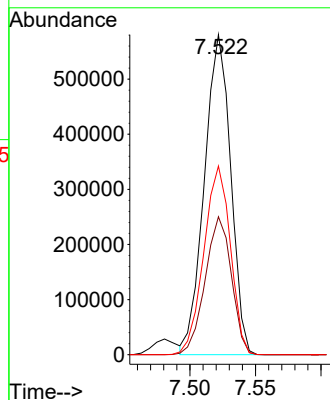
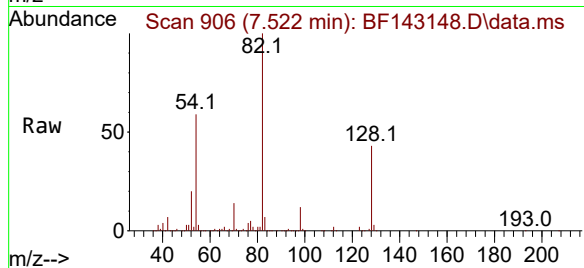
54 58.9 47.1 70.7

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#24

Nitrobenzene

Concen: 41.731 ng

RT: 7.539 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF143148.D

Acq: 17 Jul 2025 15:06

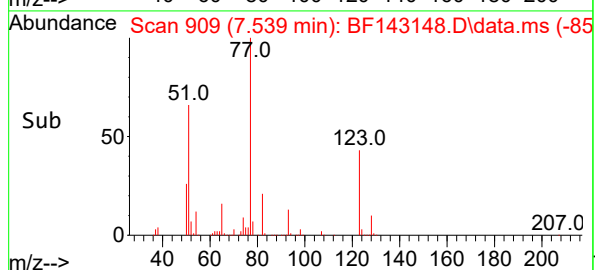
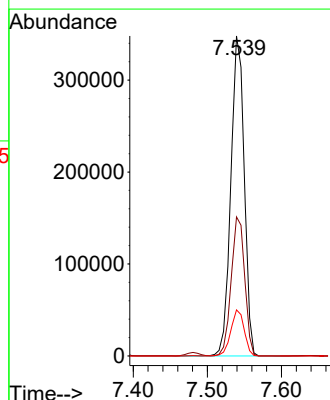
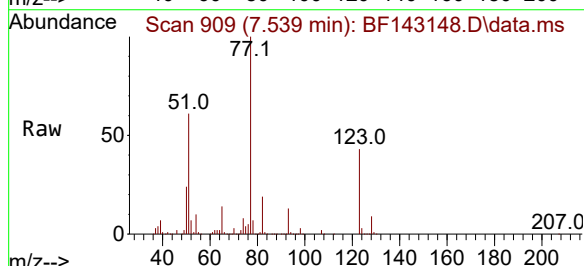
Tgt Ion: 77 Resp: 436834

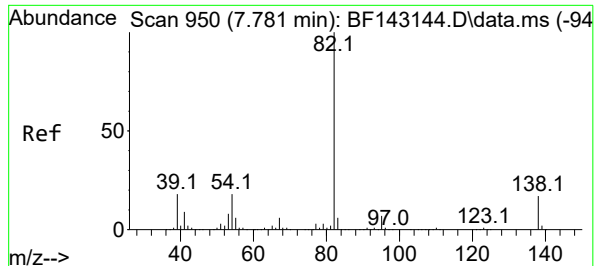
Ion Ratio Lower Upper

77 100

123 43.5 36.1 54.1

65 14.4 11.4 17.2





#25

Isophorone

Concen: 40.567 ng

RT: 7.781 min Scan# 950

Delta R.T. -0.000 min

Lab File: BF143148.D

Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725

Tgt Ion: 82 Resp: 80407

Ion Ratio Lower Upper

82 100

95 7.1 5.5 8.3

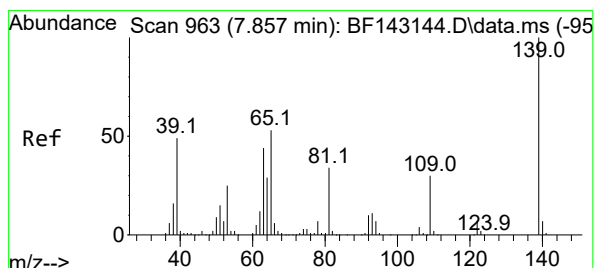
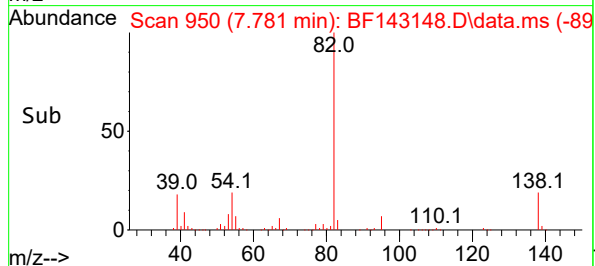
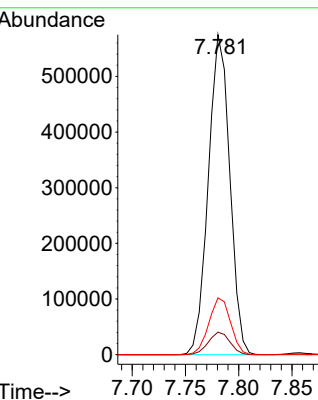
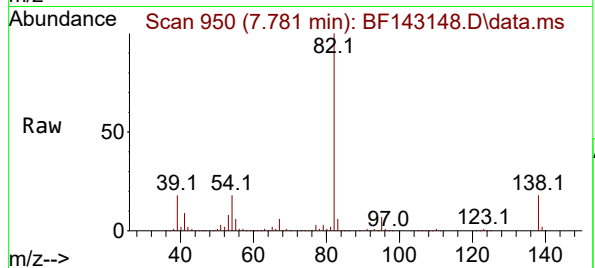
138 17.8 13.8 20.8

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#26

2-Nitrophenol

Concen: 44.896 ng

RT: 7.857 min Scan# 963

Delta R.T. -0.000 min

Lab File: BF143148.D

Acq: 17 Jul 2025 15:06

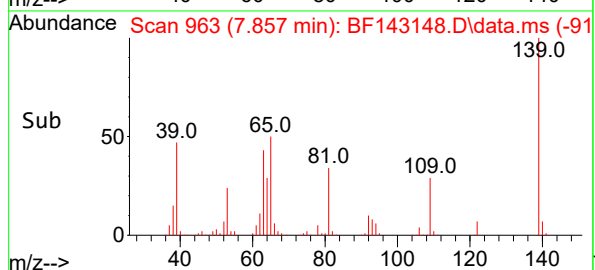
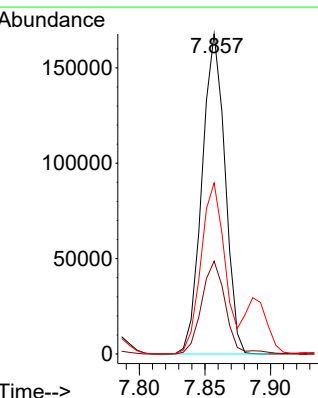
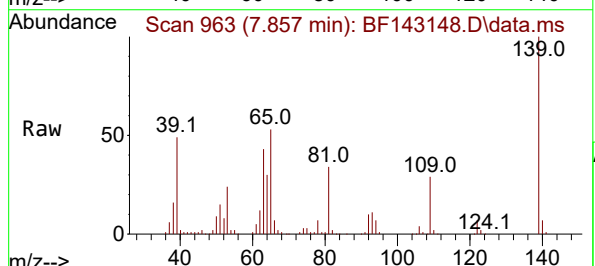
Tgt Ion:139 Resp: 203967

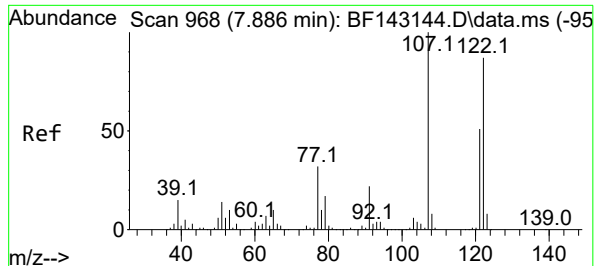
Ion Ratio Lower Upper

139 100

109 29.0 23.6 35.4

65 53.4 42.6 64.0





#27

2,4-Dimethylphenol

Concen: 40.773 ng

RT: 7.886 min Scan# 90

Delta R.T. -0.000 min

Lab File: BF143148.D

Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725

Tgt Ion:122 Resp: 37757

Ion Ratio Lower Upper

122 100

107 114.6 91.8 137.6

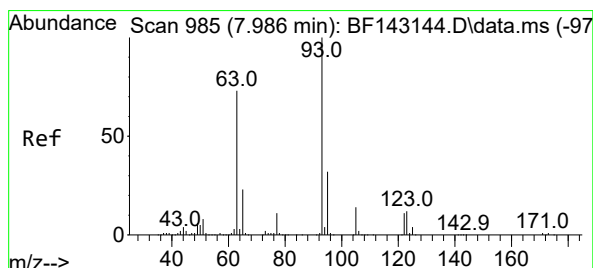
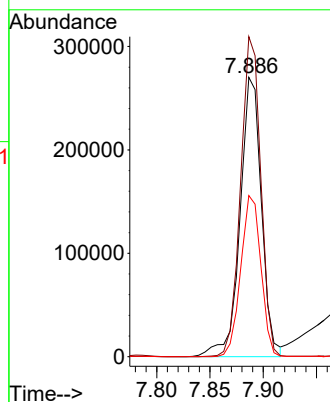
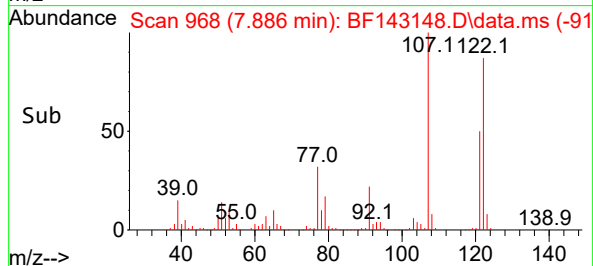
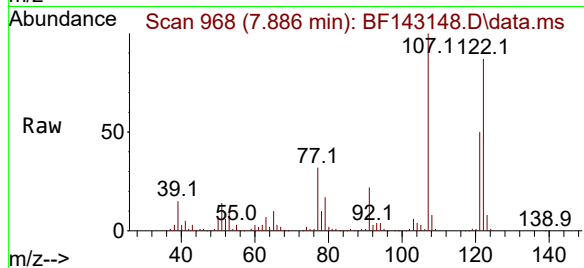
121 57.7 46.3 69.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#28

bis(2-Chloroethoxy)methane

Concen: 39.939 ng

RT: 7.986 min Scan# 985

Delta R.T. -0.000 min

Lab File: BF143148.D

Acq: 17 Jul 2025 15:06

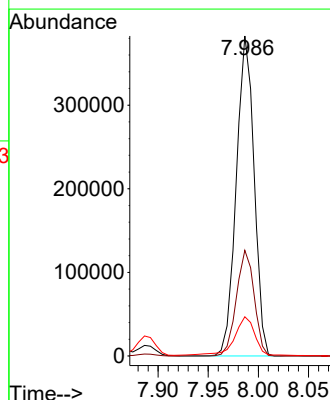
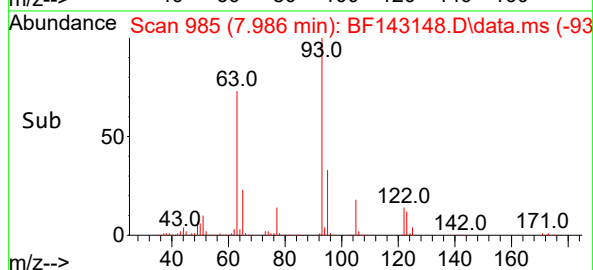
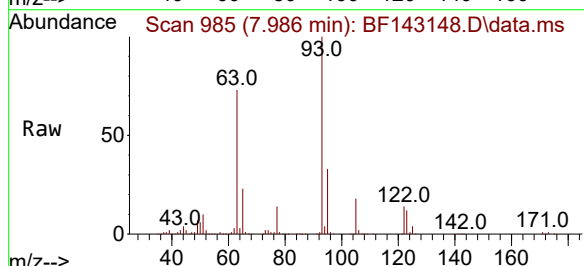
Tgt Ion: 93 Resp: 474637

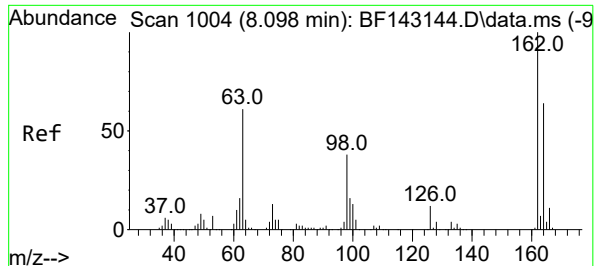
Ion Ratio Lower Upper

93 100

95 33.0 25.8 38.6

123 12.2 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 40.875 ng

RT: 8.092 min Scan# 1003

Delta R.T. -0.006 min

Lab File: BF143148.D

Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725

Tgt Ion:162 Resp: 319210

Ion Ratio Lower Upper

162 100

164 63.6 44.2 84.2

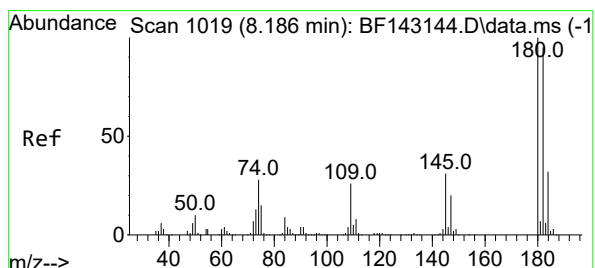
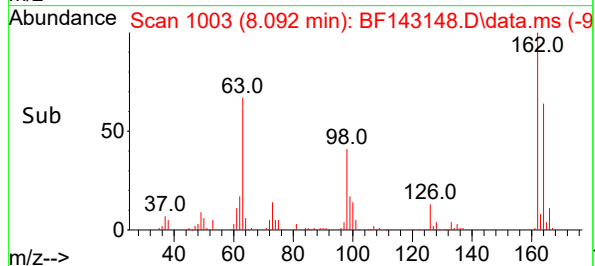
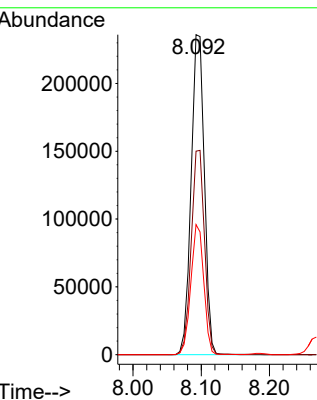
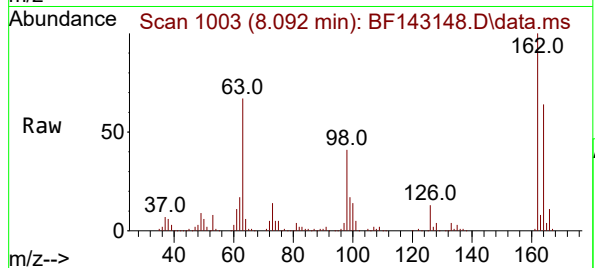
98 40.7 17.9 57.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#30

1,2,4-Trichlorobenzene

Concen: 40.551 ng

RT: 8.186 min Scan# 1019

Delta R.T. -0.000 min

Lab File: BF143148.D

Acq: 17 Jul 2025 15:06

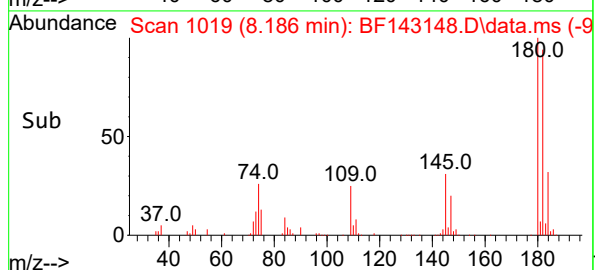
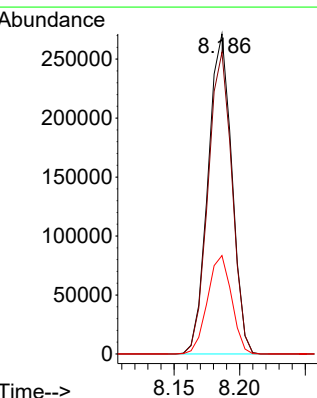
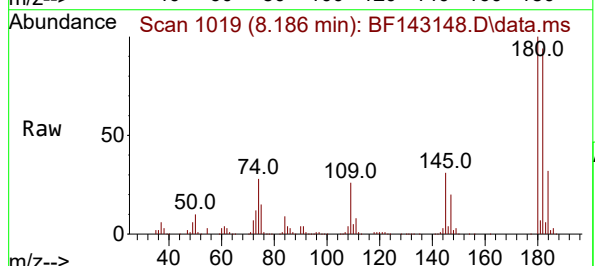
Tgt Ion:180 Resp: 342135

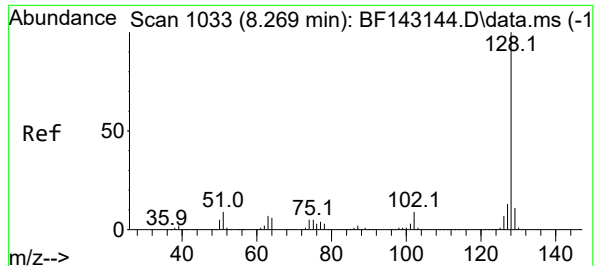
Ion Ratio Lower Upper

180 100

182 94.2 76.2 114.2

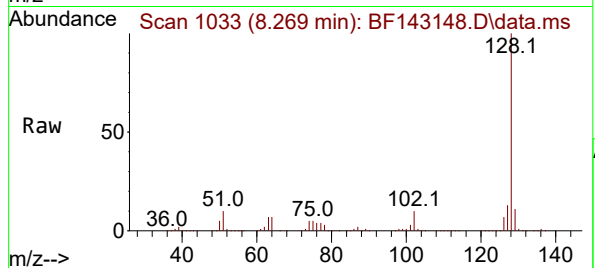
145 30.8 25.0 37.6





#31
Naphthalene
Concen: 40.143 ng
RT: 8.269 min Scan# 1033
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

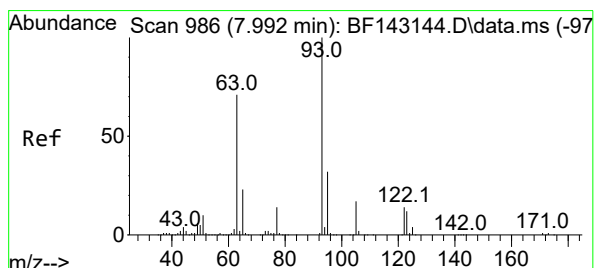
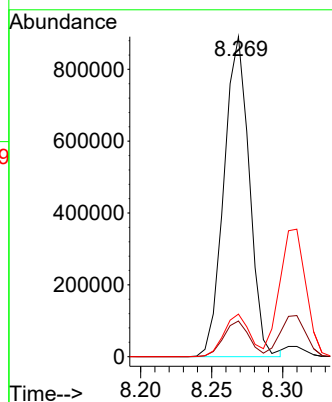
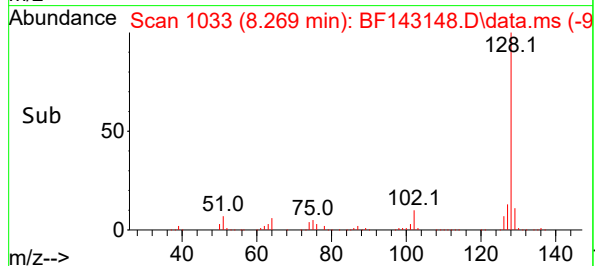
Instrument :
BNA_F
ClientSampleId :
ICVBF071725



Tgt Ion:128 Resp: 110648
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 13.3 10.6 16.0

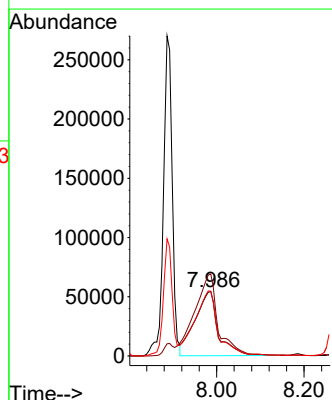
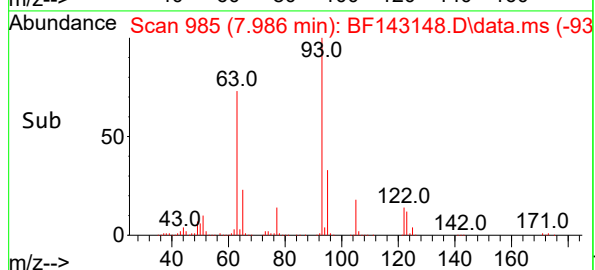
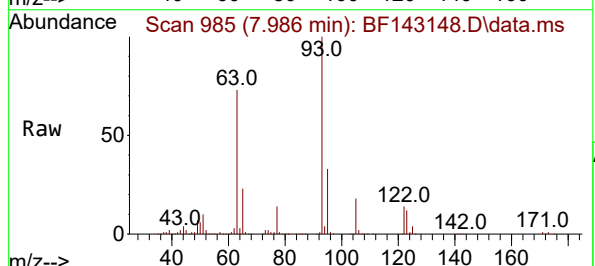
Manual Integrations
APPROVED

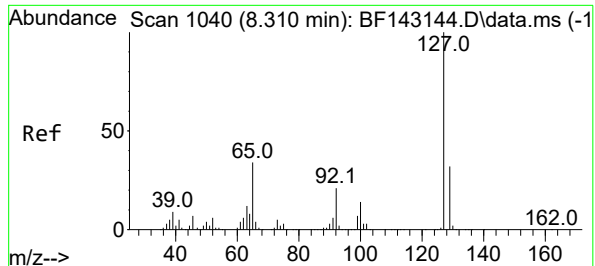
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#32
Benzoic acid
Concen: 39.782 ng
RT: 7.986 min Scan# 985
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:122 Resp: 202337
Ion Ratio Lower Upper
122 100
105 127.2 104.8 144.8
77 100.3 77.6 117.6





#33
4-Chloroaniline
Concen: 40.671 ng
RT: 8.310 min Scan# 1040
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

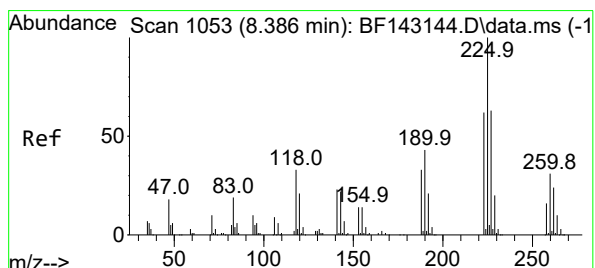
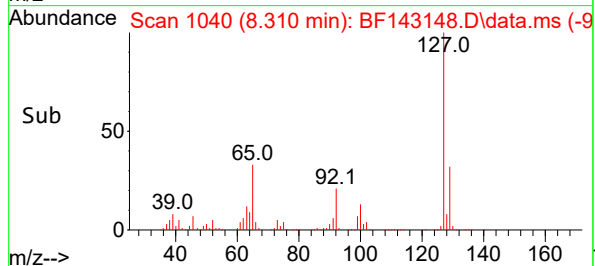
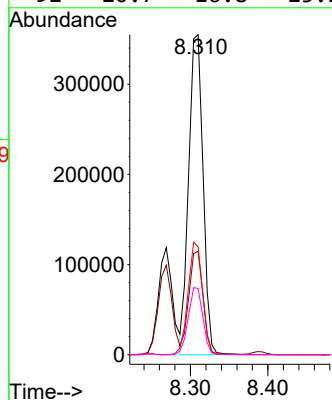
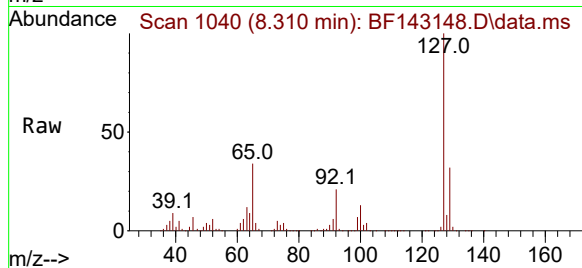
ClientSampleId :

ICVBF071725

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.0	39.0
65	33.8	27.4	41.2
92	20.7	16.8	25.2

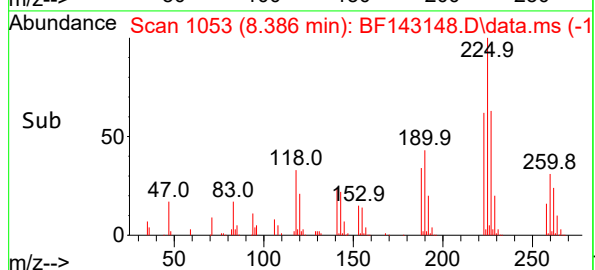
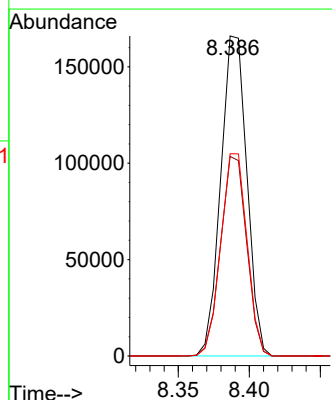
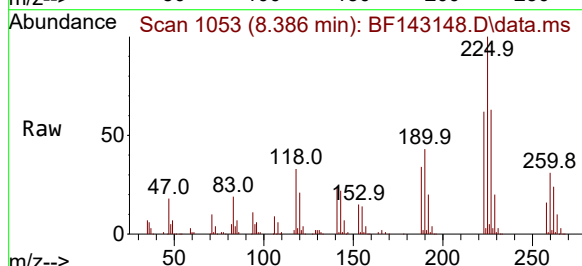
Manual Integrations
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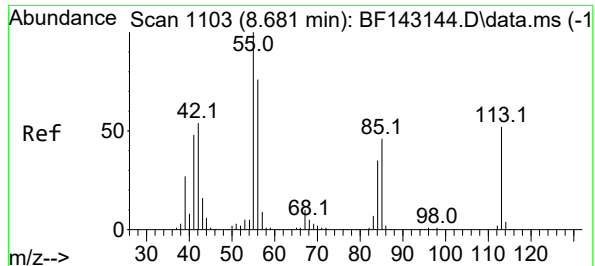
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#34
Hexachlorobutadiene
Concen: 41.284 ng
RT: 8.386 min Scan# 1053
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.8	74.6
227	63.2	50.2	75.4





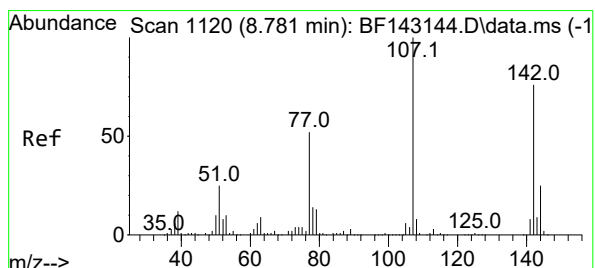
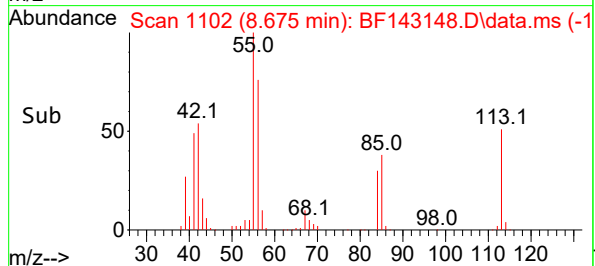
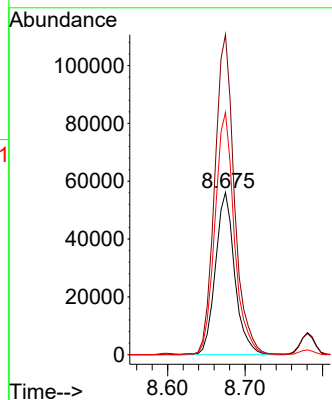
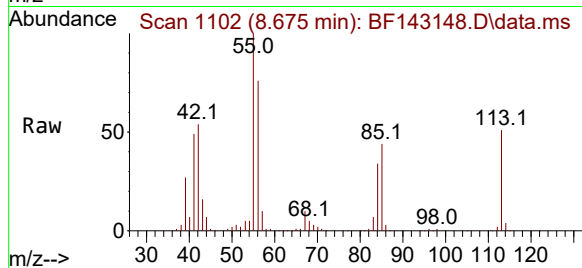
#35
Caprolactam
Concen: 40.959 ng
RT: 8.675 min Scan# 1103
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion:113 Resp: 9666
Ion Ratio Lower Upper
113 100
55 197.3 174.0 214.0
56 149.4 126.6 166.6

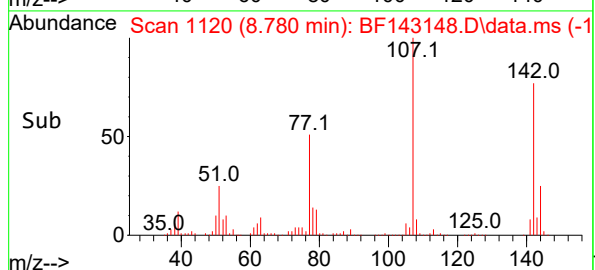
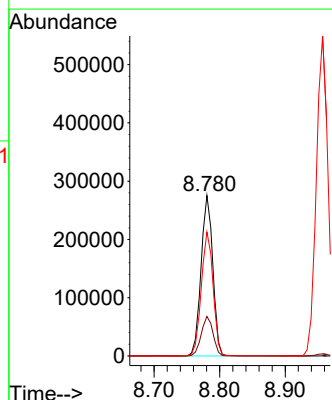
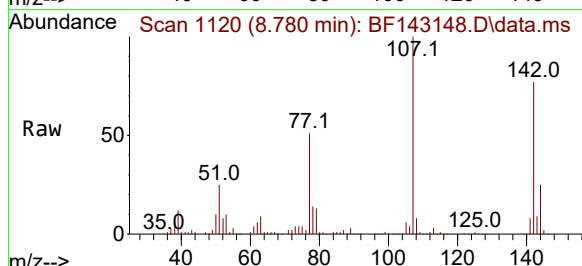
Manual Integrations
APPROVED

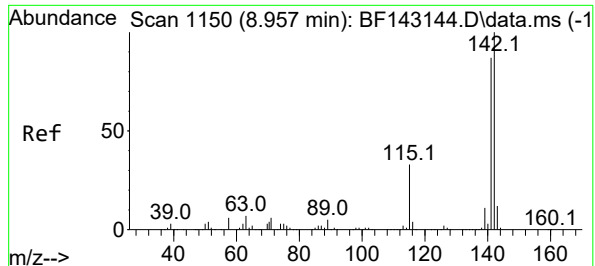
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#36
4-Chloro-3-methylphenol
Concen: 40.611 ng
RT: 8.780 min Scan# 1120
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

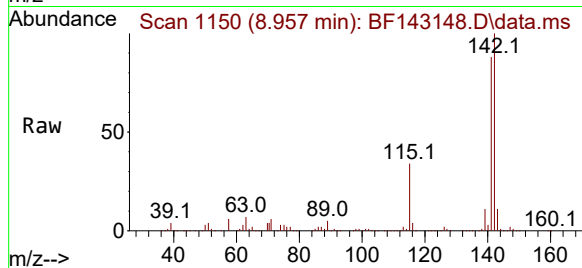
Tgt Ion:107 Resp: 344726
Ion Ratio Lower Upper
107 100
144 24.6 19.8 29.6
142 77.3 60.6 90.8





#37
2-Methylnaphthalene
Concen: 40.279 ng
RT: 8.957 min Scan# 1150
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

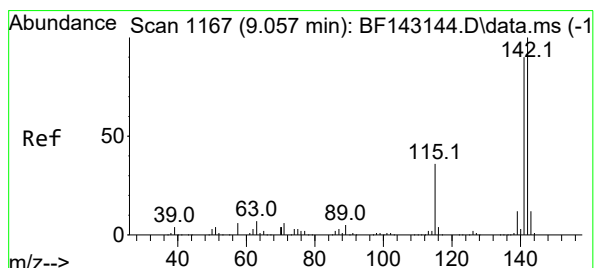
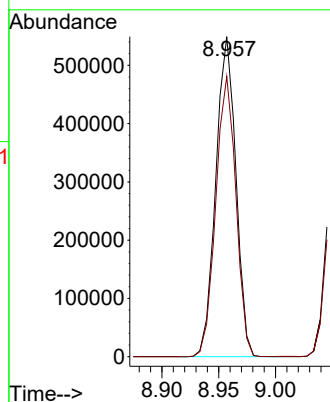
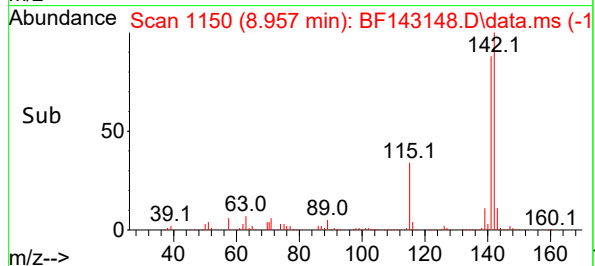
Instrument :
BNA_F
ClientSampleId :
ICVBF071725



Tgt Ion:142 Resp: 675594
Ion Ratio Lower Upper
142 100
141 87.6 69.9 104.9

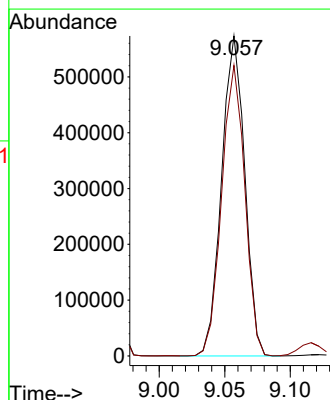
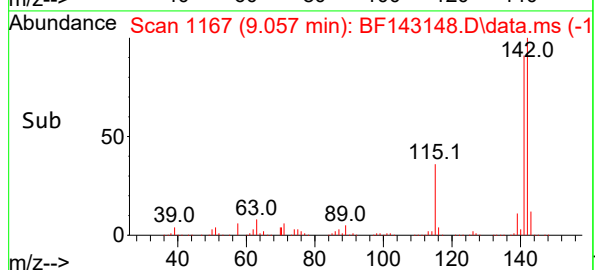
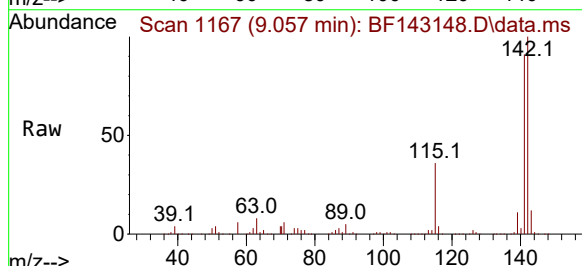
Manual Integrations
APPROVED

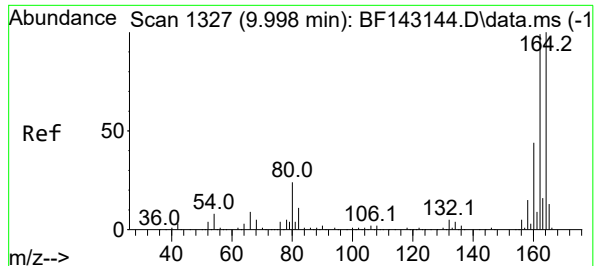
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#38
1-Methylnaphthalene
Concen: 40.712 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:142 Resp: 703170
Ion Ratio Lower Upper
142 100
141 90.8 72.3 108.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.998 min Scan# 1178

Delta R.T. 0.000 min

Lab File: BF143148.D

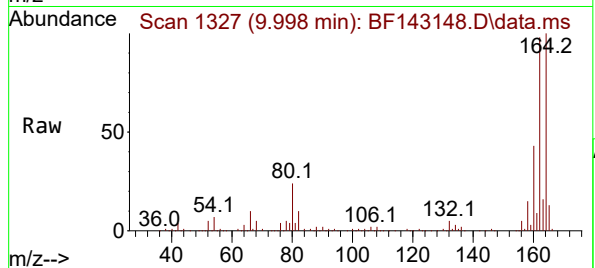
Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725



Tgt Ion:164 Resp: 28725

Ion Ratio Lower Upper

164 100

162 97.5 79.0 118.6

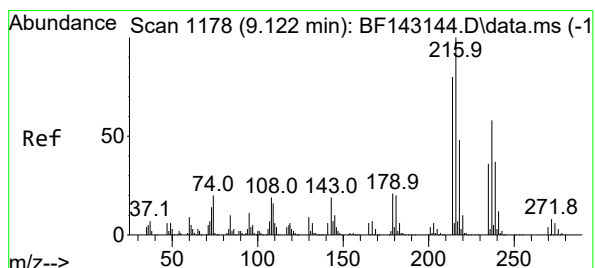
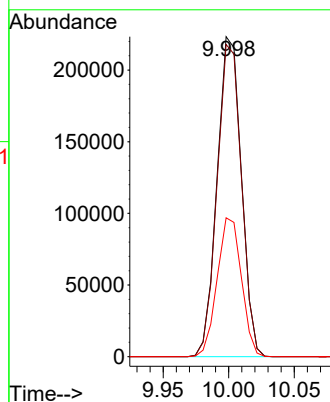
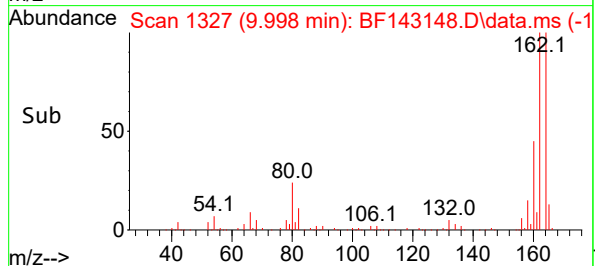
160 43.4 35.1 52.7

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#40

1,2,4,5-Tetrachlorobenzene

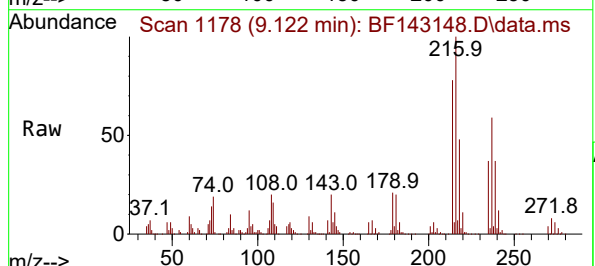
Concen: 40.944 ng

RT: 9.122 min Scan# 1178

Delta R.T. -0.000 min

Lab File: BF143148.D

Acq: 17 Jul 2025 15:06



Tgt Ion:216 Resp: 339567

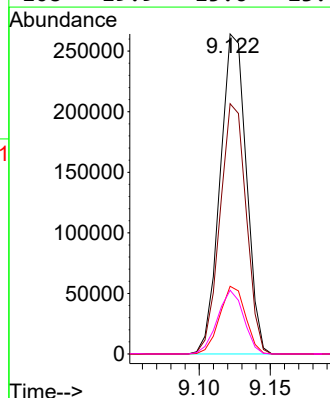
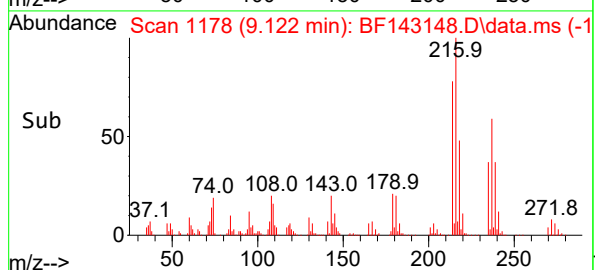
Ion Ratio Lower Upper

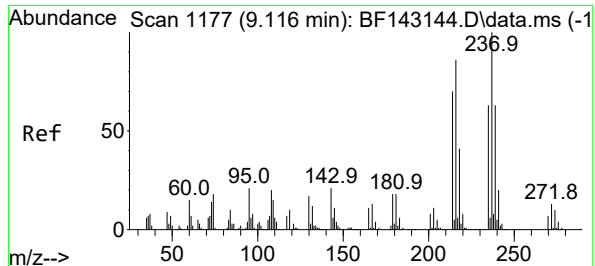
216 100

214 77.8 63.8 95.8

179 20.8 16.4 24.6

108 19.9 15.6 23.4





#41

Hexachlorocyclopentadiene

Concen: 42.872 ng

RT: 9.116 min Scan# 1177

Delta R.T. -0.000 min

Lab File: BF143148.D

Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725

Tgt Ion:237 Resp: 231349

Ion Ratio Lower Upper

237 100

235 62.5 43.0 83.0

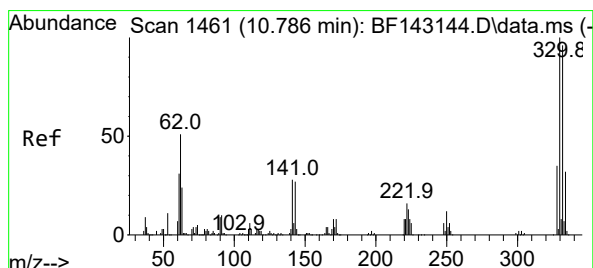
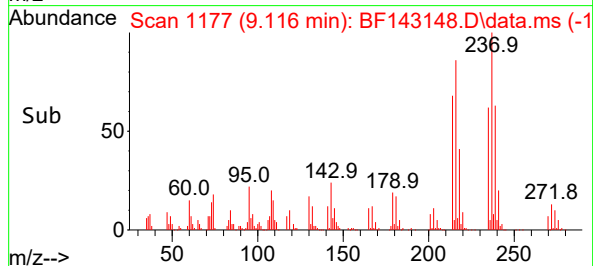
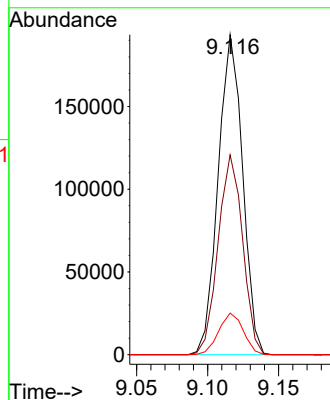
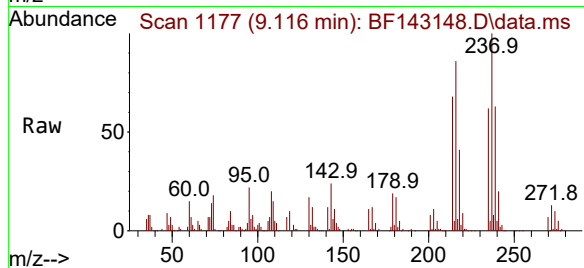
272 13.0 0.0 33.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#42

2,4,6-Tribromophenol

Concen: 79.969 ng

RT: 10.786 min Scan# 1461

Delta R.T. -0.000 min

Lab File: BF143148.D

Acq: 17 Jul 2025 15:06

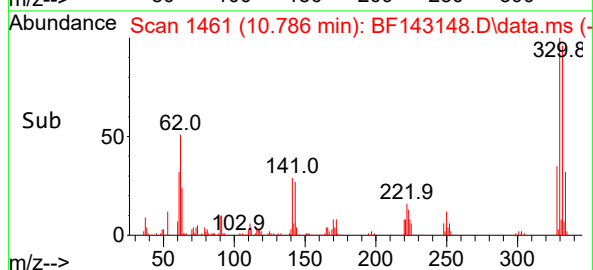
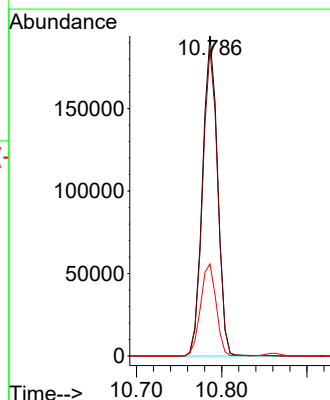
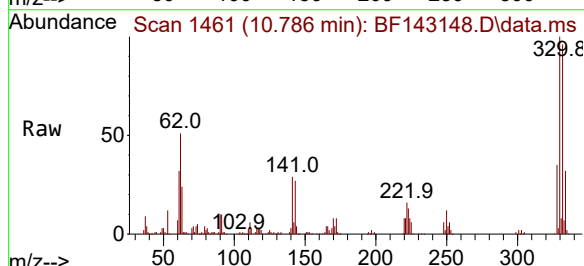
Tgt Ion:330 Resp: 237309

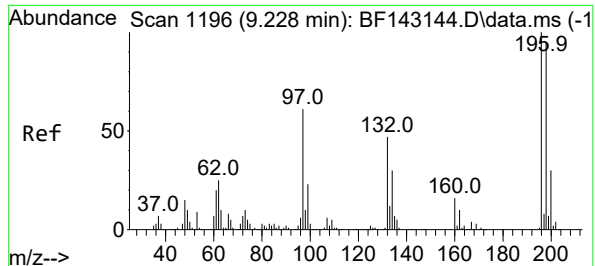
Ion Ratio Lower Upper

330 100

332 96.0 76.7 115.1

141 29.8 23.3 34.9





#43

2,4,6-Trichlorophenol

Concen: 40.253 ng

RT: 9.228 min Scan# 1196

Delta R.T. -0.000 min

Lab File: BF143148.D

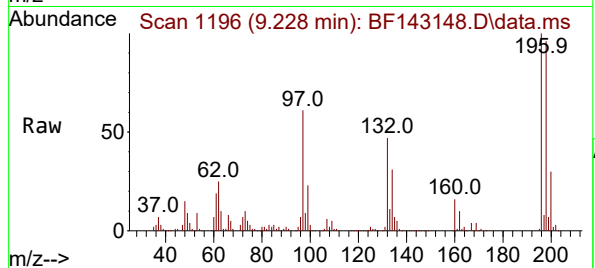
Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725



Tgt Ion:196 Resp: 23104

Ion Ratio Lower Upper

196 100

198 95.9 76.2 114.2

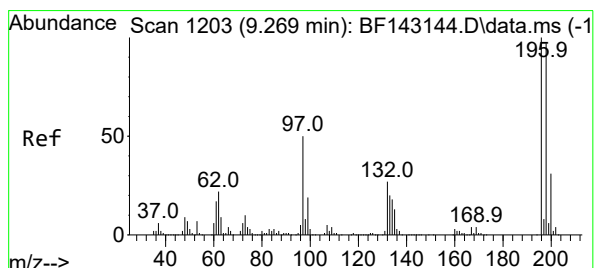
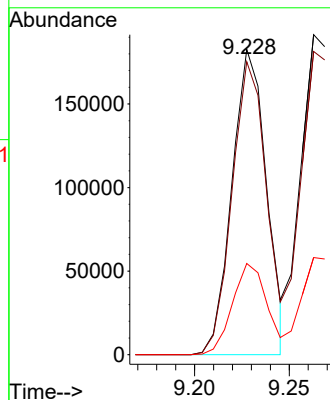
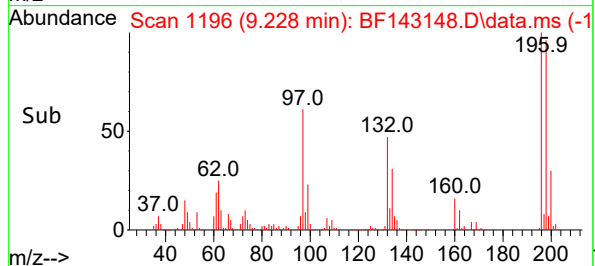
200 29.9 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#44

2,4,5-Trichlorophenol

Concen: 42.989 ng

RT: 9.263 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF143148.D

Acq: 17 Jul 2025 15:06

Tgt Ion:196 Resp: 246820

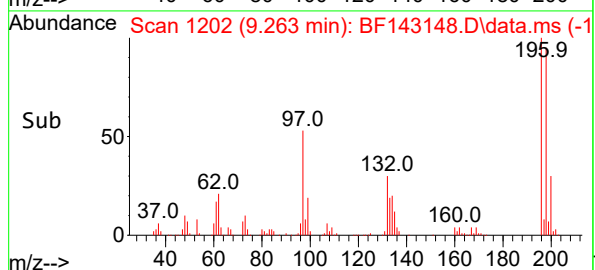
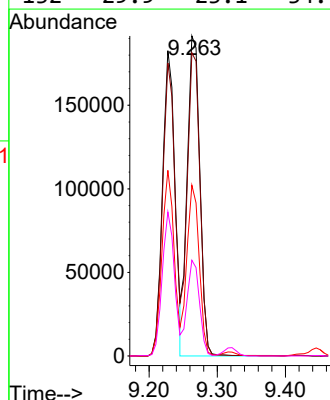
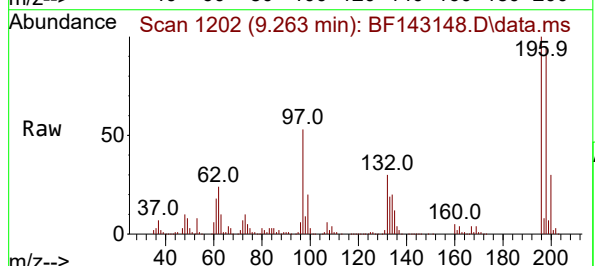
Ion Ratio Lower Upper

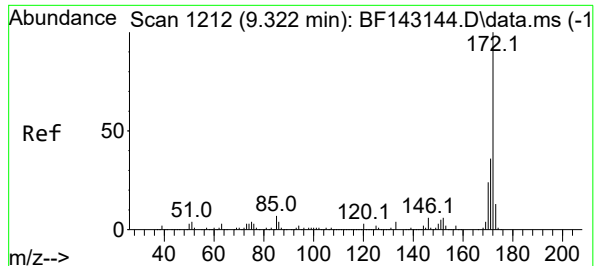
196 100

198 94.8 77.3 115.9

97 53.3 40.3 60.5

132 29.9 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 68.992 ng

RT: 9.322 min Scan# 1212

Delta R.T. -0.000 min

Lab File: BF143148.D

Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725

Tgt Ion:172 Resp: 1449098

Ion Ratio Lower Upper

172 100

171 35.5 28.6 42.8

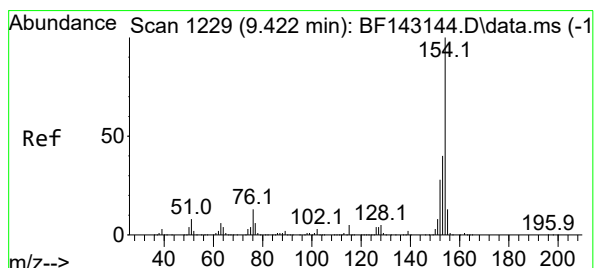
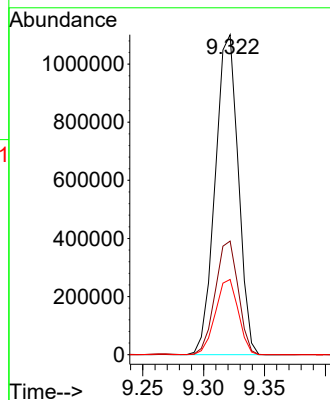
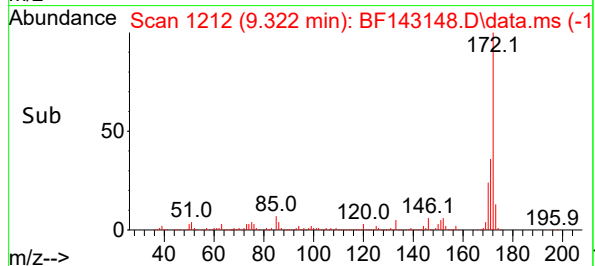
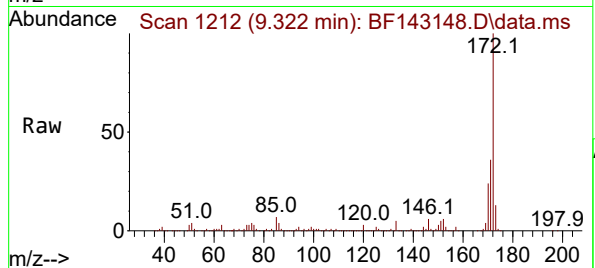
170 23.5 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#46

1,1'-Biphenyl

Concen: 41.053 ng

RT: 9.422 min Scan# 1229

Delta R.T. -0.000 min

Lab File: BF143148.D

Acq: 17 Jul 2025 15:06

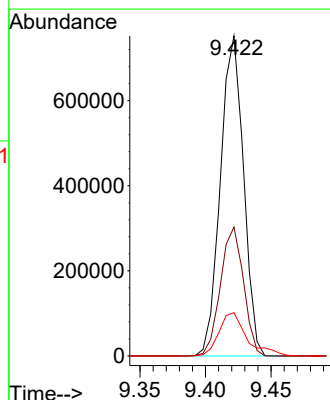
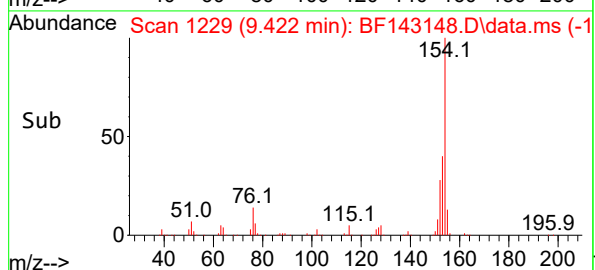
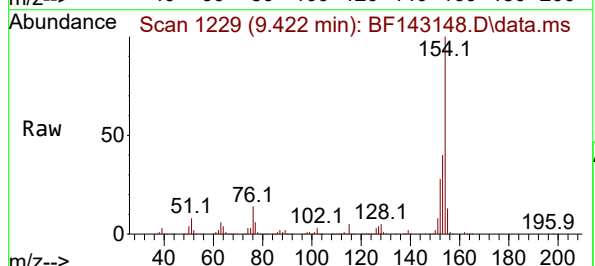
Tgt Ion:154 Resp: 920059

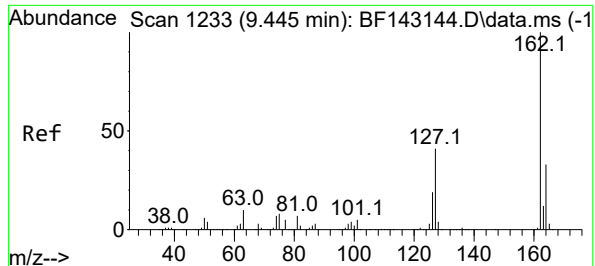
Ion Ratio Lower Upper

154 100

153 40.3 20.3 60.3

76 13.5 0.0 33.3





#47

2-Chloronaphthalene

Concen: 40.184 ng

RT: 9.445 min Scan# 1233

Delta R.T. -0.000 min

Lab File: BF143148.D

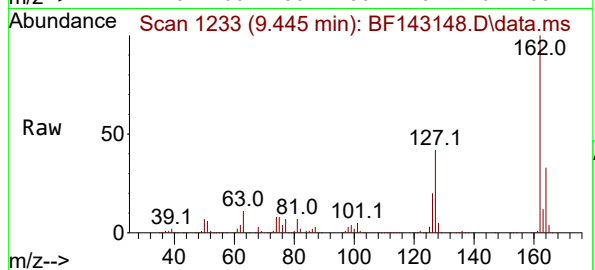
Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725



Tgt Ion:162 Resp: 666359

Ion Ratio Lower Upper

162 100

127 42.0 33.4 50.2

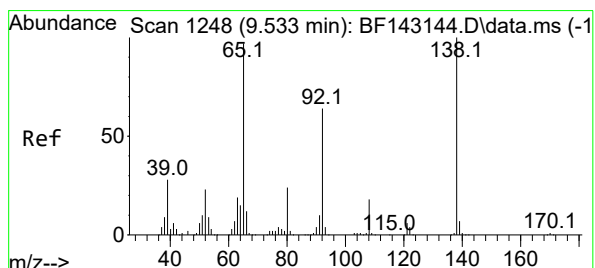
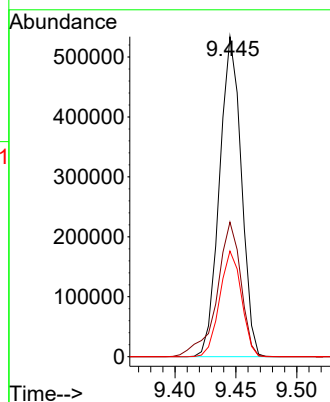
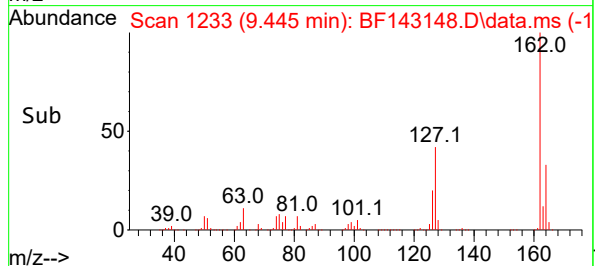
164 33.0 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#48

2-Nitroaniline

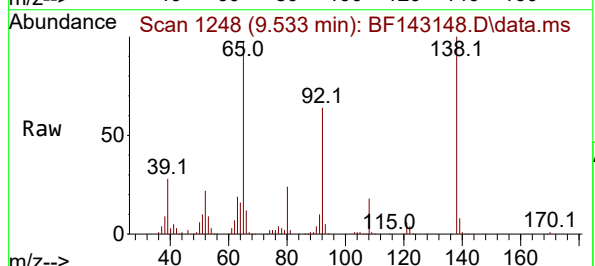
Concen: 43.723 ng

RT: 9.533 min Scan# 1248

Delta R.T. -0.000 min

Lab File: BF143148.D

Acq: 17 Jul 2025 15:06



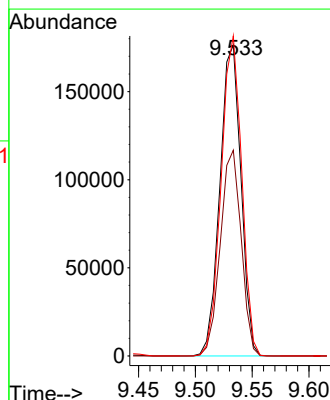
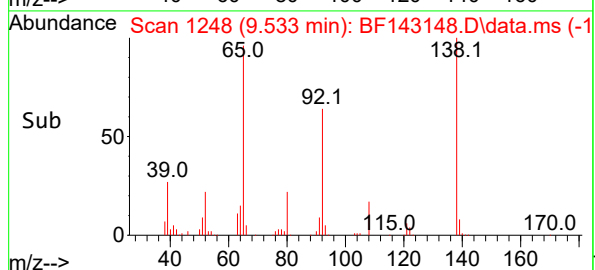
Tgt Ion: 65 Resp: 227376

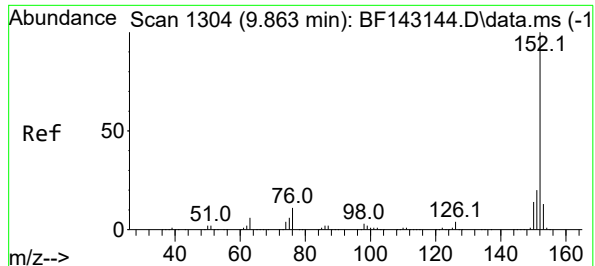
Ion Ratio Lower Upper

65 100

92 66.2 52.4 78.6

138 102.9 82.3 123.5





#49

Acenaphthylene

Concen: 40.013 ng

RT: 9.863 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF143148.D

Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725

Tgt Ion:152 Resp: 1111992

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.2

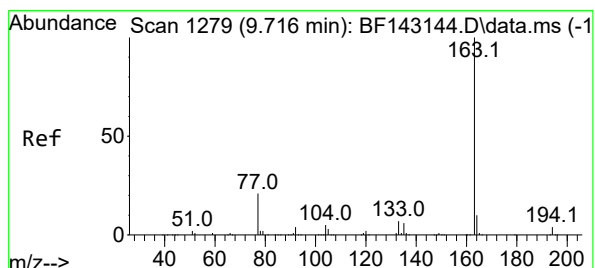
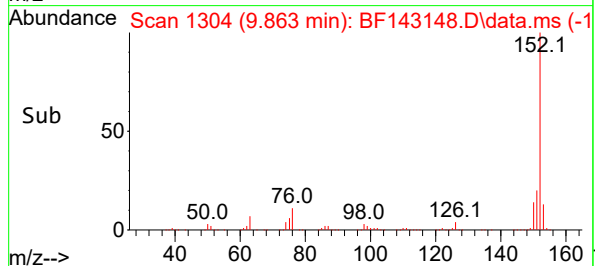
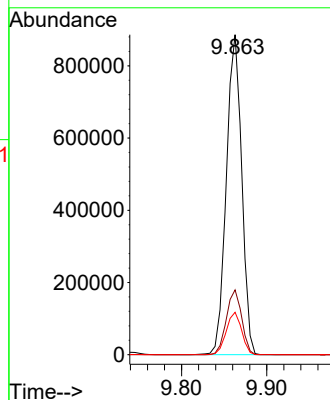
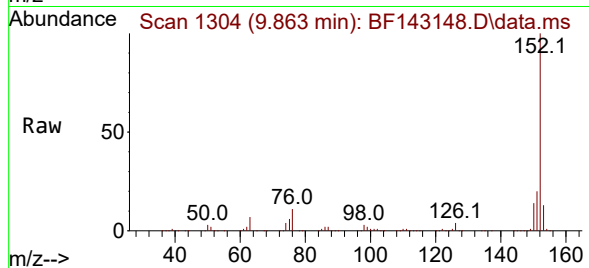
153 13.3 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#50

Dimethylphthalate

Concen: 40.218 ng

RT: 9.716 min Scan# 1279

Delta R.T. -0.000 min

Lab File: BF143148.D

Acq: 17 Jul 2025 15:06

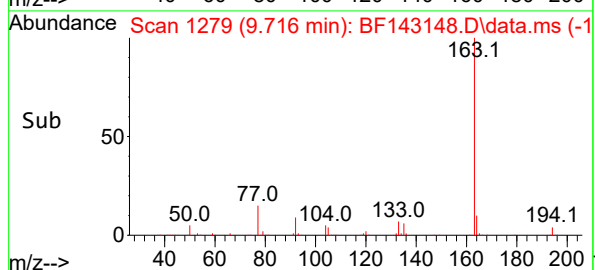
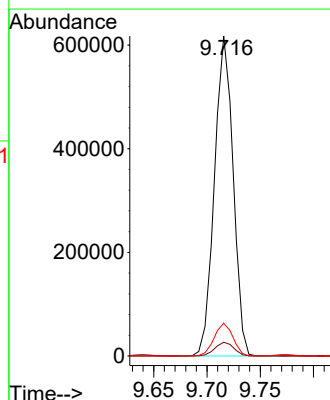
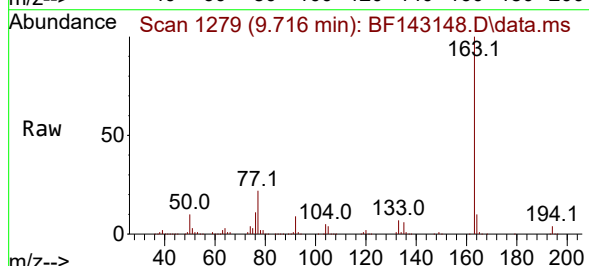
Tgt Ion:163 Resp: 753041

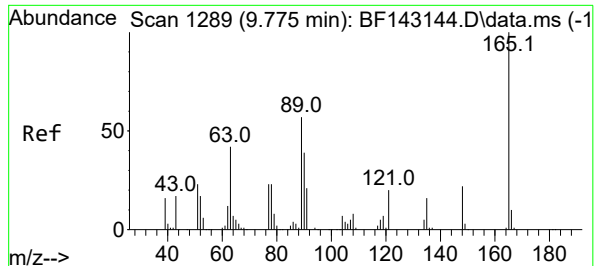
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

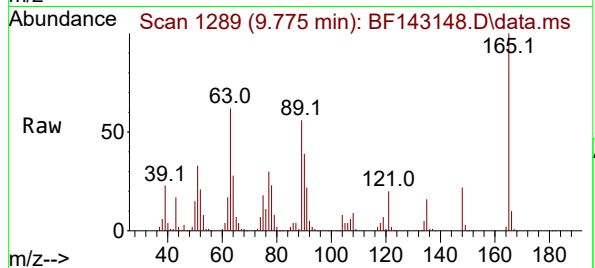
164 10.2 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 43.820 ng
RT: 9.775 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

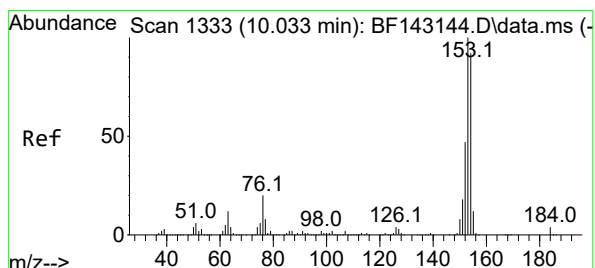
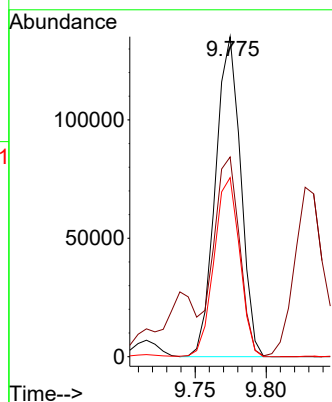
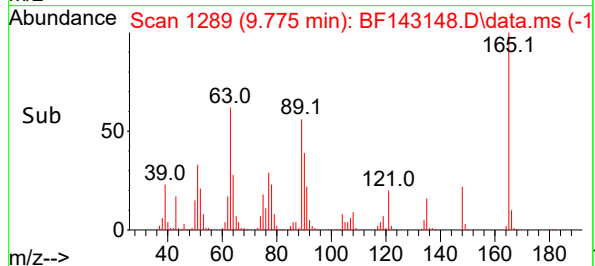
Instrument :
BNA_F
ClientSampleId :
ICVBF071725



Tgt Ion:165 Resp: 16691
Ion Ratio Lower Upper
165 100
63 62.4 49.4 74.2
89 56.0 46.2 69.2

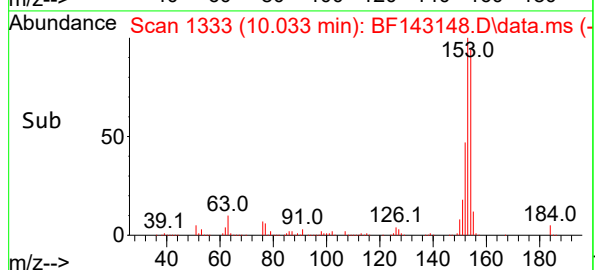
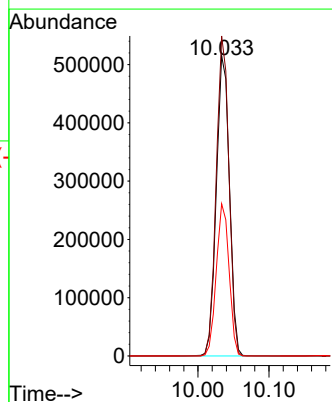
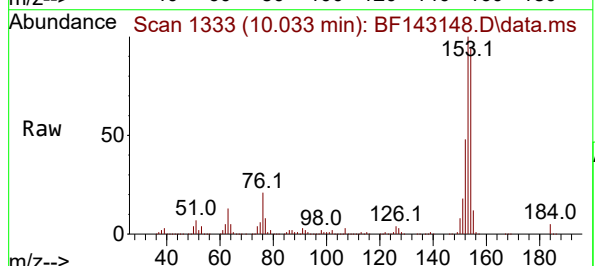
Manual Integrations
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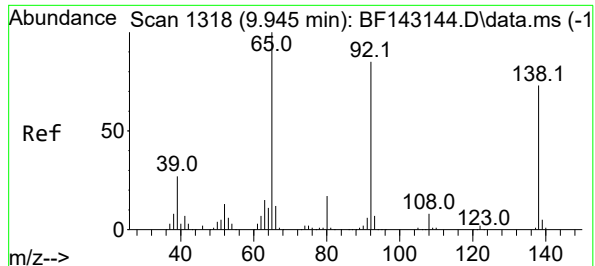
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#52
Acenaphthene
Concen: 40.176 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:154 Resp: 659908
Ion Ratio Lower Upper
154 100
153 106.6 86.6 129.8
152 50.7 40.4 60.6





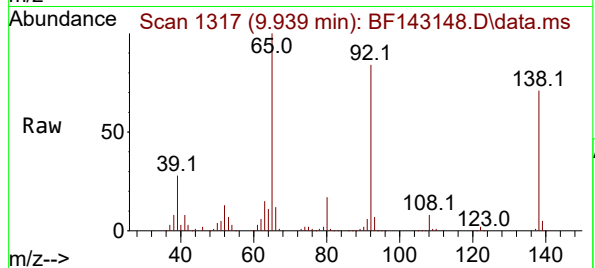
#53
3-Nitroaniline
Concen: 42.985 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725

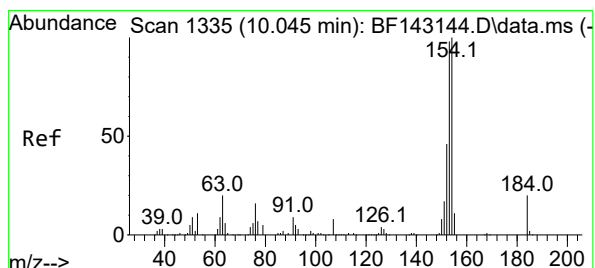
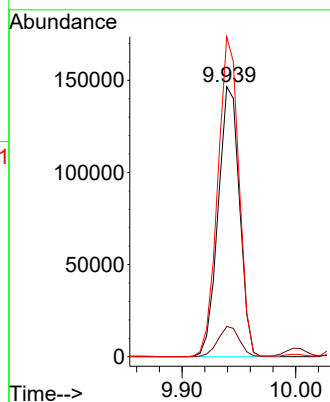
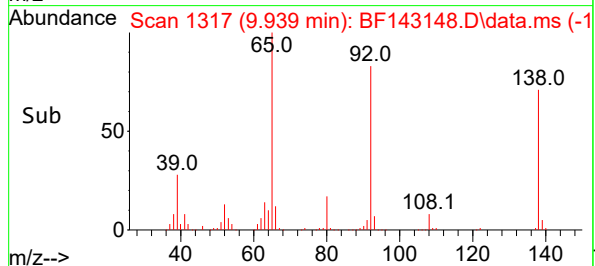


Tgt Ion:138 Resp: 191512
Ion Ratio Lower Upper
138 100
108 11.2 9.0 13.6
92 118.6 93.0 139.4

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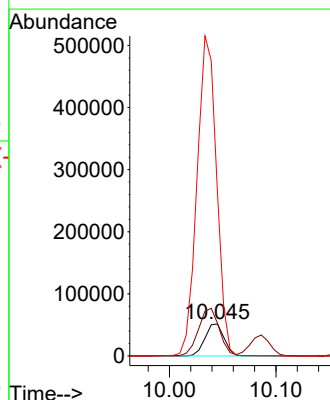
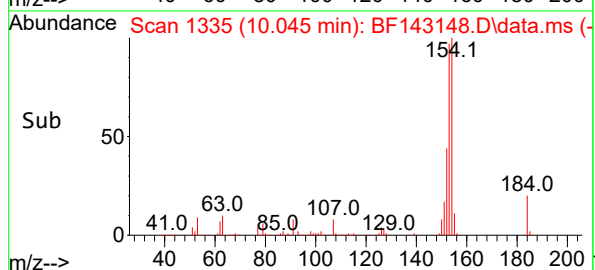
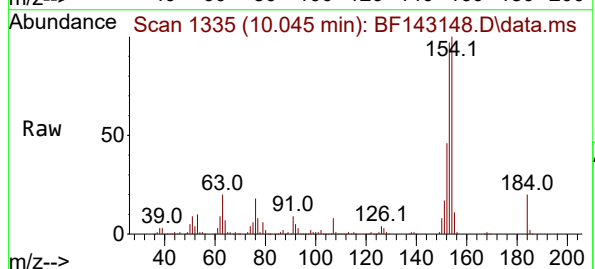
APPROVED

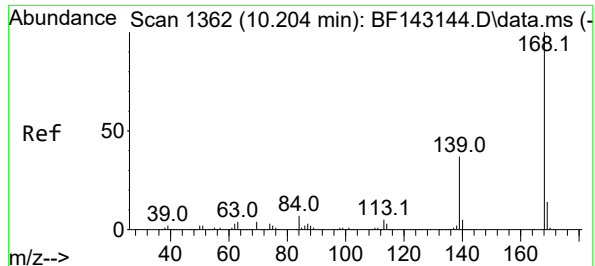
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#54
2,4-Dinitrophenol
Concen: 40.998 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

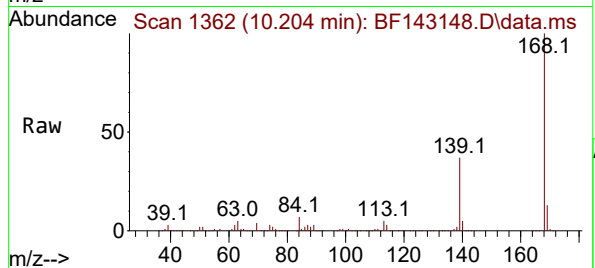
Tgt Ion:184 Resp: 64659
Ion Ratio Lower Upper
184 100
63 102.3 81.8 122.6
154 509.4 412.2 618.4





#55
Dibenzenofuran
Concen: 39.981 ng
RT: 10.204 min Scan# 1362
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

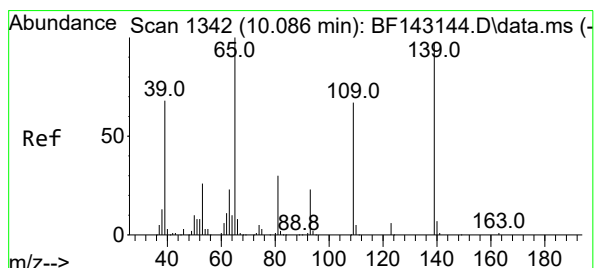
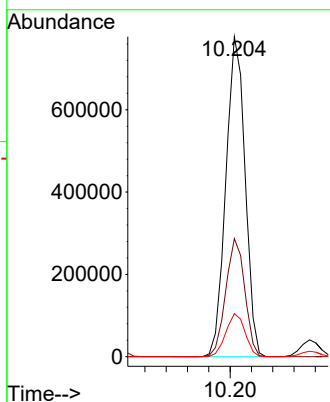
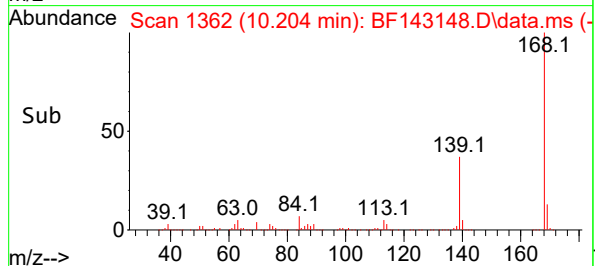
Instrument :
BNA_F
ClientSampleId :
ICVBF071725



Tgt Ion:168 Resp: 97499
Ion Ratio Lower Upper
168 100
139 36.9 29.5 44.3
169 13.5 10.9 16.3

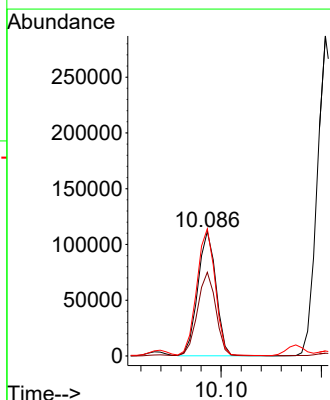
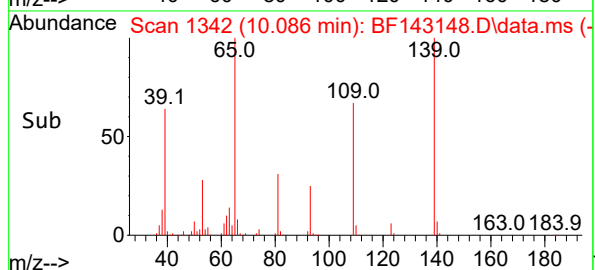
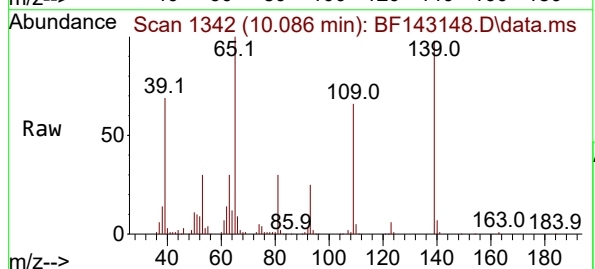
Manual Integrations
APPROVED

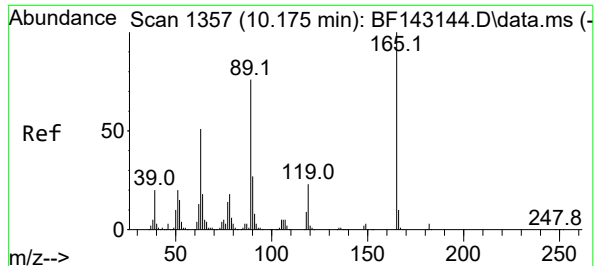
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#56
4-Nitrophenol
Concen: 42.344 ng
RT: 10.086 min Scan# 1342
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

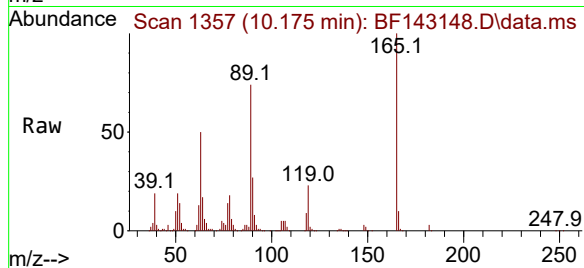
Tgt Ion:139 Resp: 140876
Ion Ratio Lower Upper
139 100
109 67.2 48.5 88.5
65 102.1 83.4 123.4





#57
2,4-Dinitrotoluene
Concen: 44.440 ng
RT: 10.175 min Scan# 1357
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

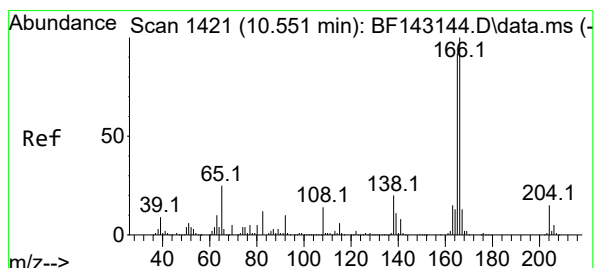
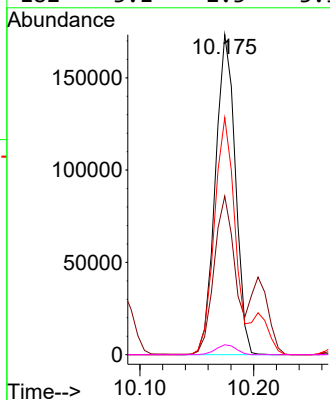
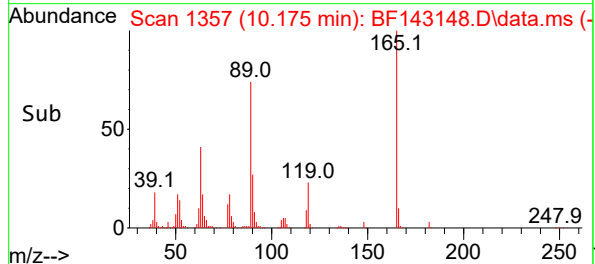
Instrument :
BNA_F
ClientSampleId :
ICVBF071725



Tgt Ion:165 Resp: 212369
Ion Ratio Lower Upper
165 100
63 49.5 41.0 61.4
89 74.0 61.1 91.7
182 3.1 2.3 3.5

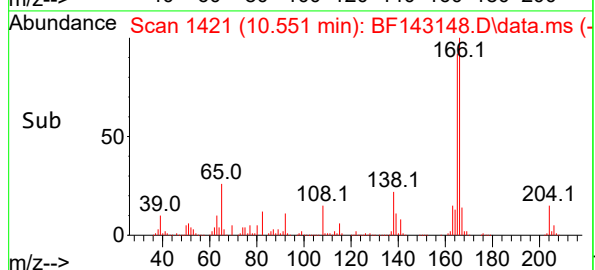
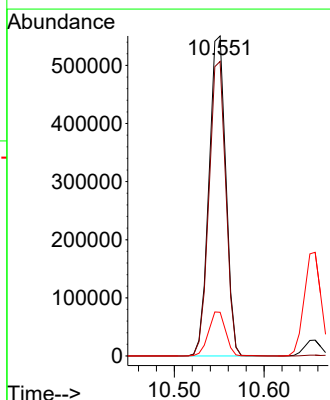
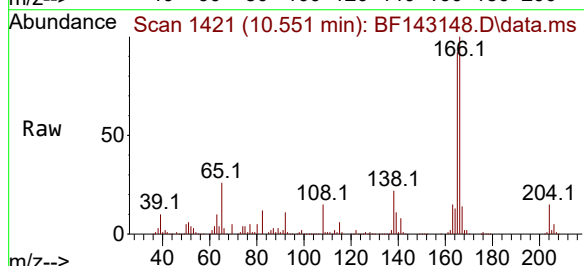
Manual Integrations
APPROVED

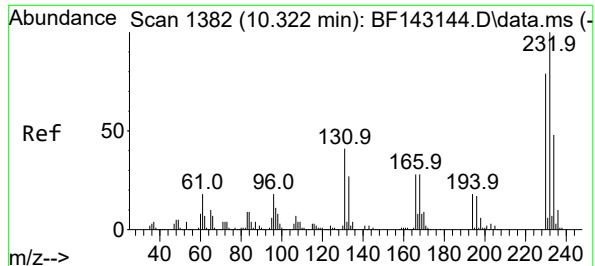
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#58
Fluorene
Concen: 39.219 ng
RT: 10.551 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

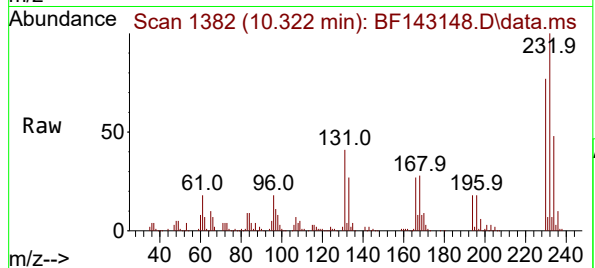
Tgt Ion:166 Resp: 717816
Ion Ratio Lower Upper
166 100
165 92.1 73.7 110.5
167 13.7 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.743 ng
RT: 10.322 min Scan# 1382
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

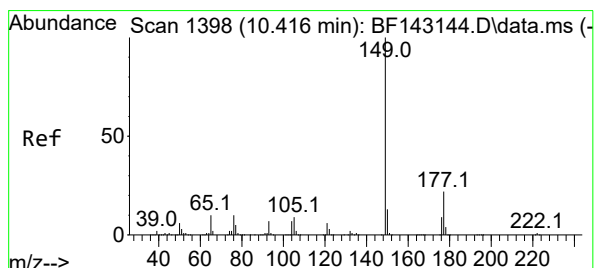
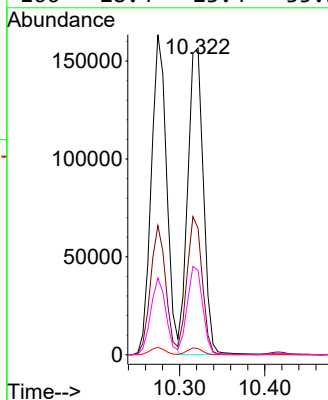
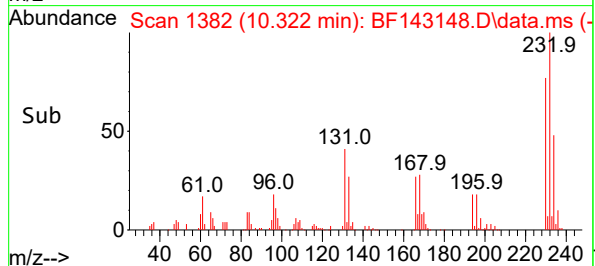
Instrument :
BNA_F
ClientSampleId :
ICVBF071725



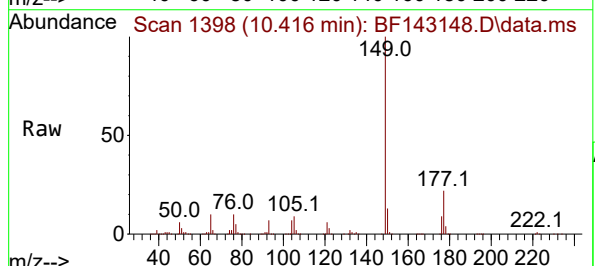
Tgt Ion:232 Resp: 198530
Ion Ratio Lower Upper
232 100
131 43.9 35.3 52.9
130 2.1 1.7 2.5
166 28.4 23.4 35.2

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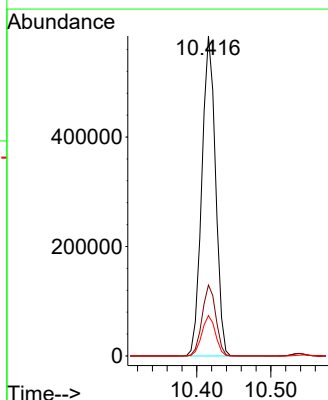
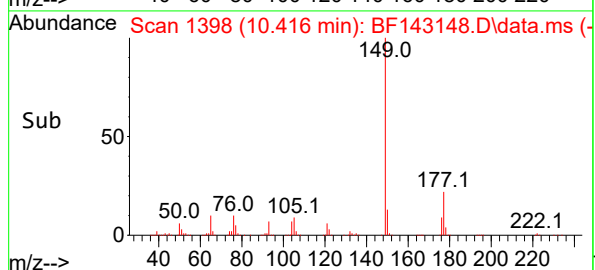
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

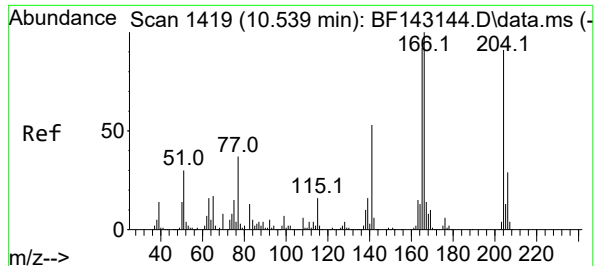


#60
Diethylphthalate
Concen: 40.729 ng
RT: 10.416 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06



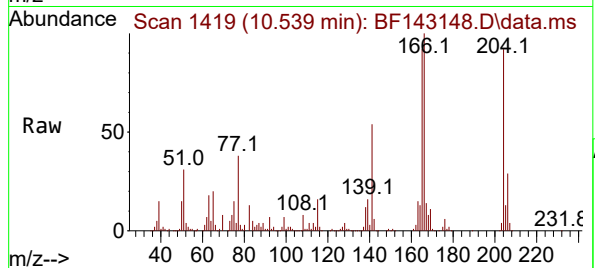
Tgt Ion:149 Resp: 753774
Ion Ratio Lower Upper
149 100
177 22.1 17.5 26.3
150 12.6 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 40.377 ng
RT: 10.539 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

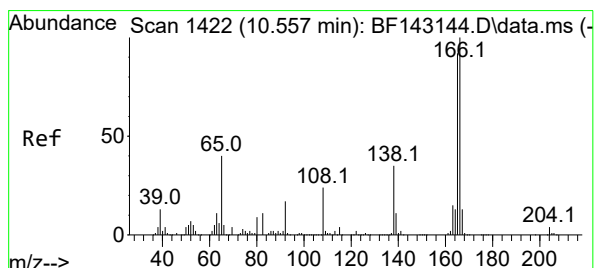
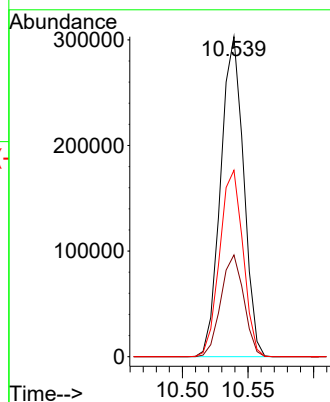
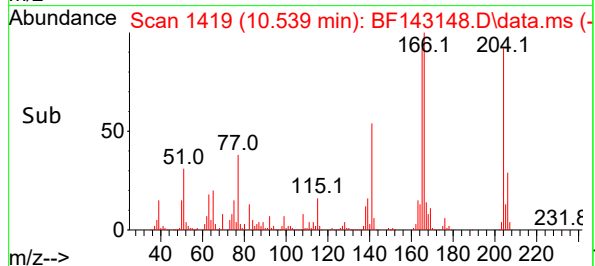
Instrument :
BNA_F
ClientSampleId :
ICVBF071725



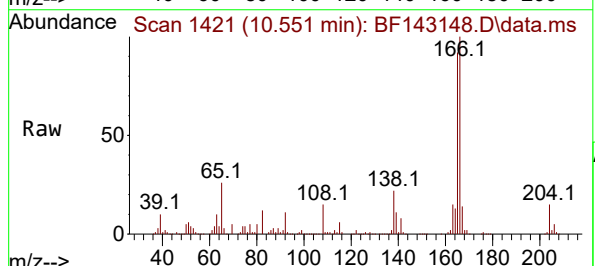
Tgt Ion:204 Resp: 36798
Ion Ratio Lower Upper
204 100
206 31.8 25.8 38.8
141 58.3 47.0 70.4

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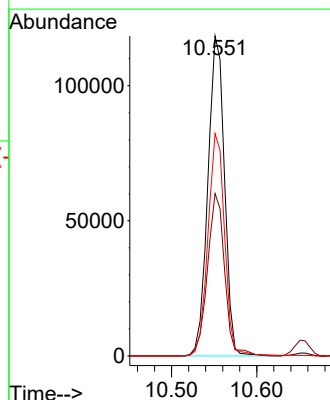
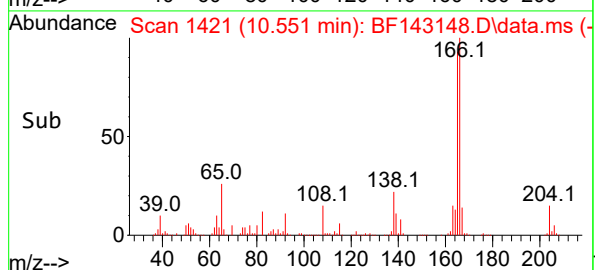
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

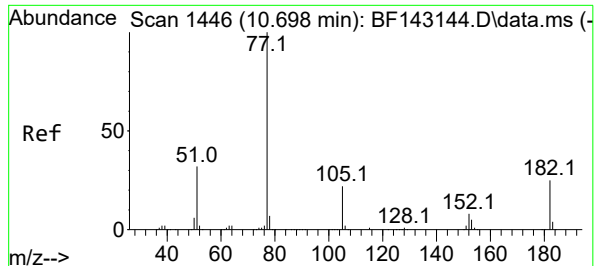


#62
4-Nitroaniline
Concen: 41.953 ng
RT: 10.551 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06



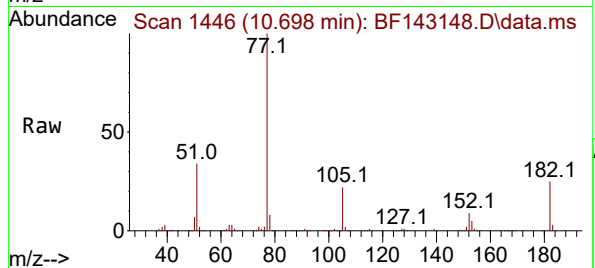
Tgt Ion:138 Resp: 160193
Ion Ratio Lower Upper
138 100
92 50.7 29.3 69.3
108 69.5 48.3 88.3





#63
Azobenzene
Concen: 40.414 ng
RT: 10.698 min Scan# 1446
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

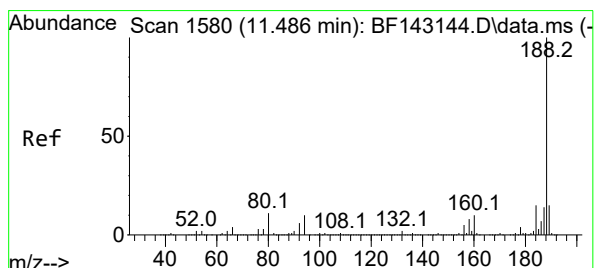
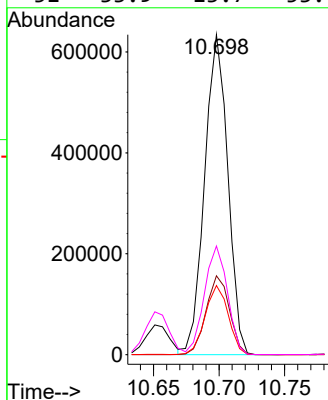
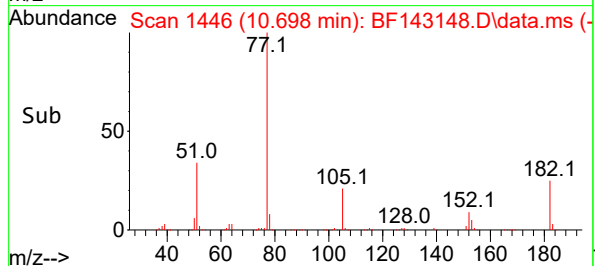
Instrument :
BNA_F
ClientSampleId :
ICVBF071725



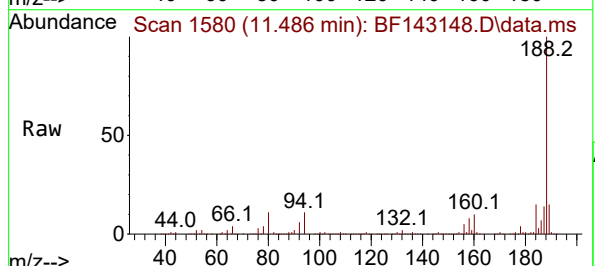
Tgt Ion: 77 Resp: 779524
Ion Ratio Lower Upper
77 100
182 24.6 4.6 44.6
105 21.6 1.4 41.4
51 33.9 13.7 53.7

Manual Integrations
APPROVED

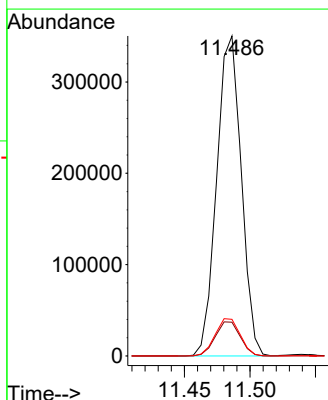
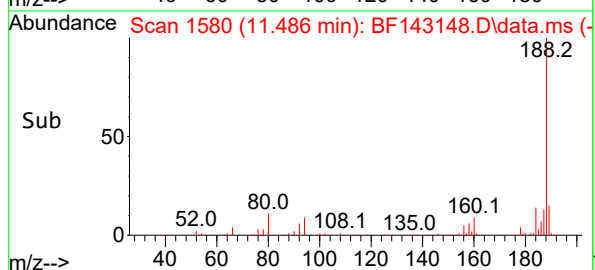
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

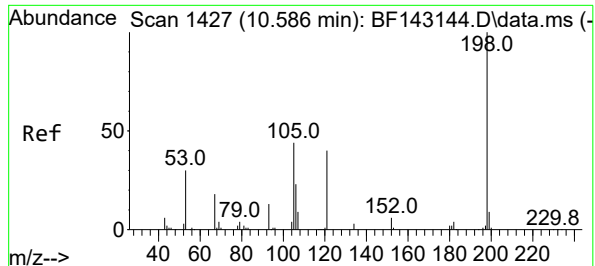


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06



Tgt Ion:188 Resp: 457098
Ion Ratio Lower Upper
188 100
94 10.5 8.3 12.5
80 11.4 9.0 13.6





#65

4,6-Dinitro-2-methylphenol

Concen: 41.869 ng

RT: 10.586 min Scan# 1427

Delta R.T. 0.000 min

Lab File: BF143148.D

Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725

Tgt Ion:198 Resp: 98462

Ion Ratio Lower Upper

198 100

51 55.0 37.2 77.2

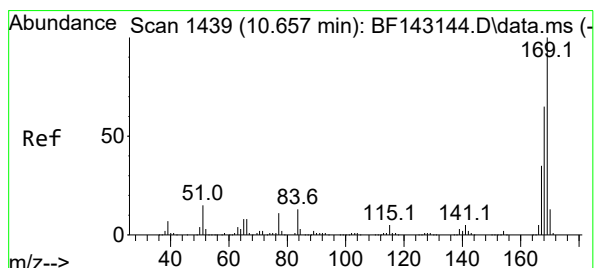
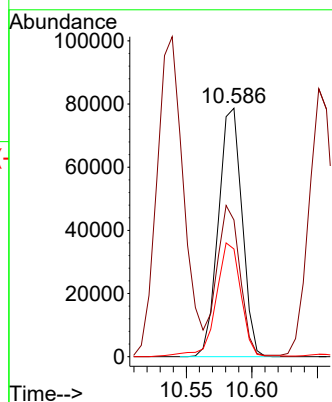
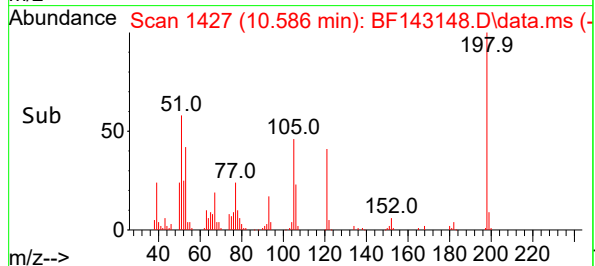
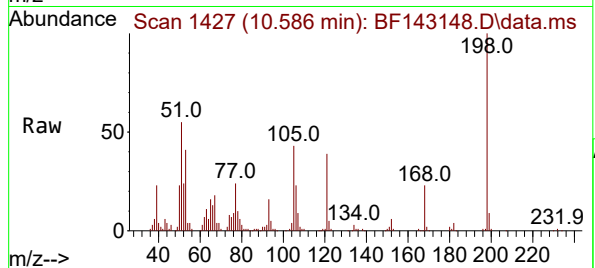
105 43.3 24.8 64.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#66

n-Nitrosodiphenylamine

Concen: 40.250 ng

RT: 10.657 min Scan# 1439

Delta R.T. -0.000 min

Lab File: BF143148.D

Acq: 17 Jul 2025 15:06

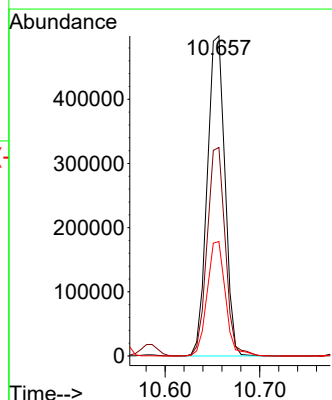
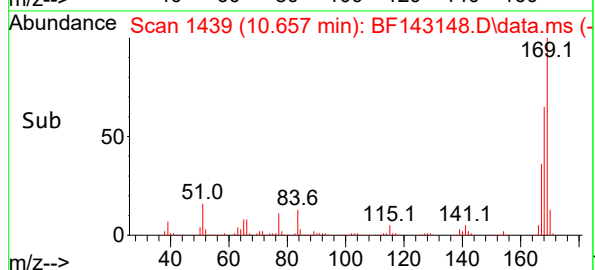
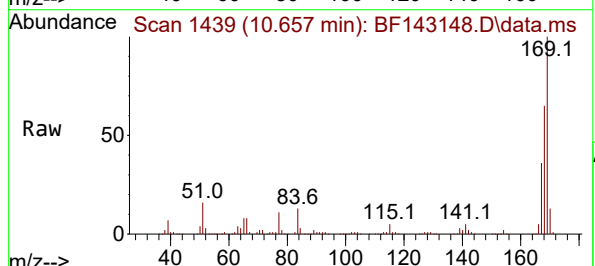
Tgt Ion:169 Resp: 647855

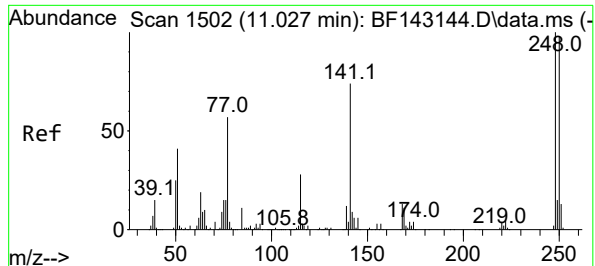
Ion Ratio Lower Upper

169 100

168 65.2 52.1 78.1

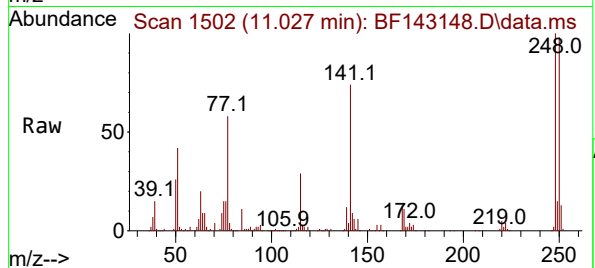
167 35.8 28.2 42.2





#67
4-Bromophenyl-phenylether
Concen: 40.828 ng
RT: 11.027 min Scan# 1502
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

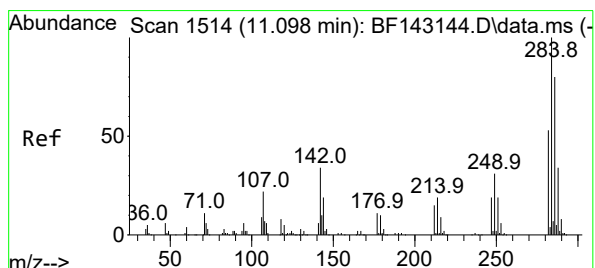
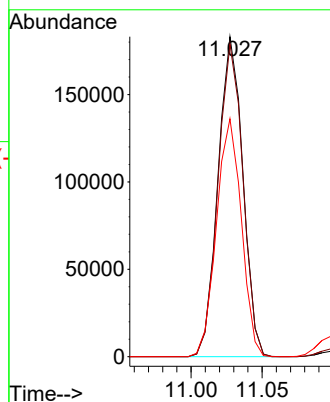
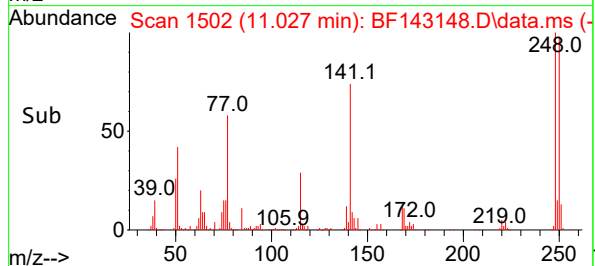
Instrument :
BNA_F
ClientSampleId :
ICVBF071725



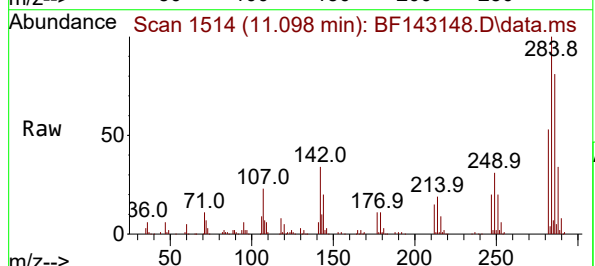
Tgt Ion:248 Resp: 222400
Ion Ratio Lower Upper
248 100
250 97.7 78.3 117.5
141 74.3 59.2 88.8

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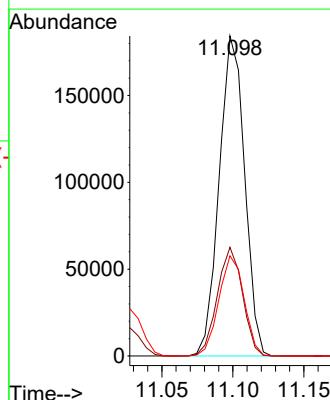
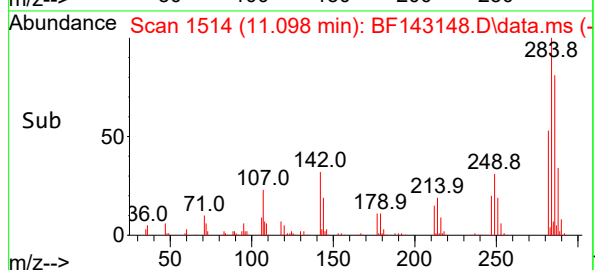
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

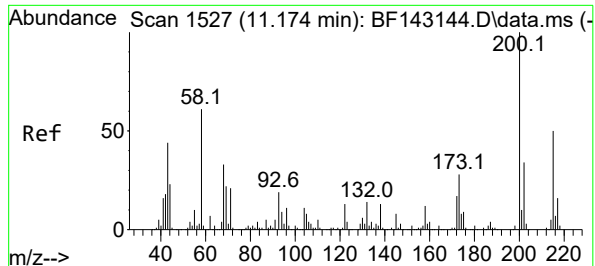


#68
Hexachlorobenzene
Concen: 40.268 ng
RT: 11.098 min Scan# 1514
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06



Tgt Ion:284 Resp: 229272
Ion Ratio Lower Upper
284 100
142 34.0 27.0 40.6
249 31.3 25.0 37.6





#69

Atrazine

Concen: 42.615 ng

RT: 11.174 min Scan# 1527

Delta R.T. -0.000 min

Lab File: BF143148.D

Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725

Tgt Ion:200 Resp: 189104

Ion Ratio Lower Upper

200 100

173 28.3 7.9 47.9

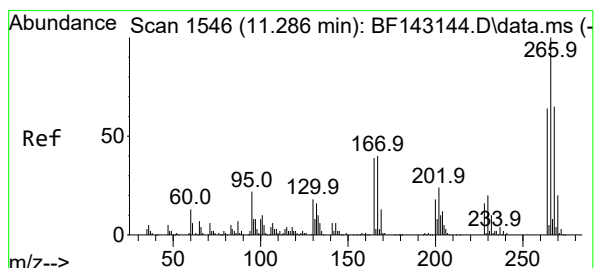
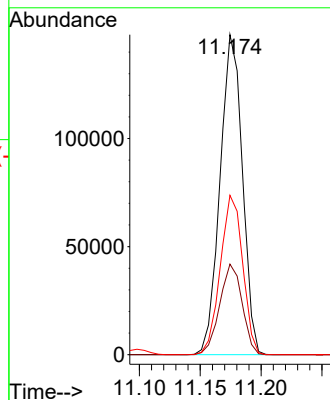
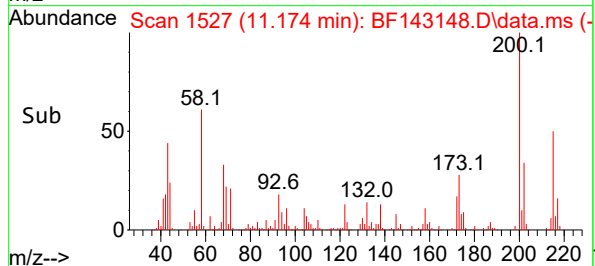
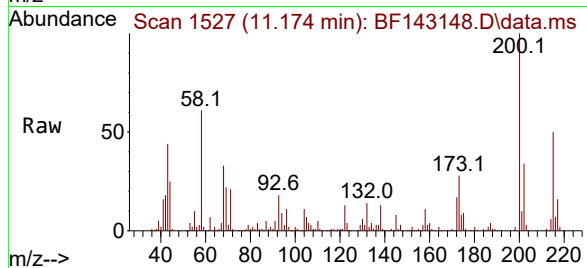
215 49.8 30.1 70.1

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#70

Pentachlorophenol

Concen: 42.292 ng

RT: 11.286 min Scan# 1546

Delta R.T. -0.000 min

Lab File: BF143148.D

Acq: 17 Jul 2025 15:06

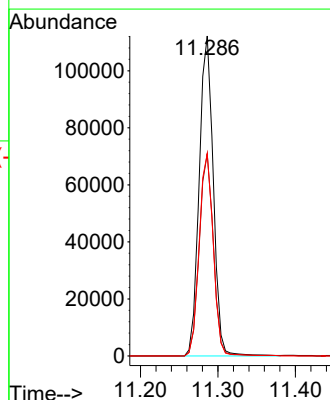
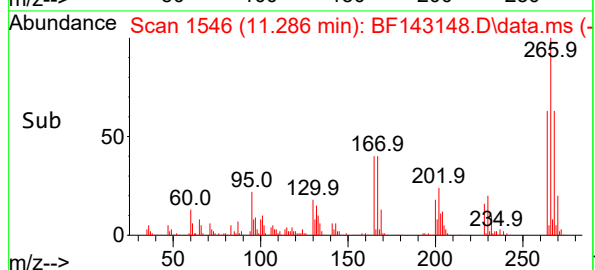
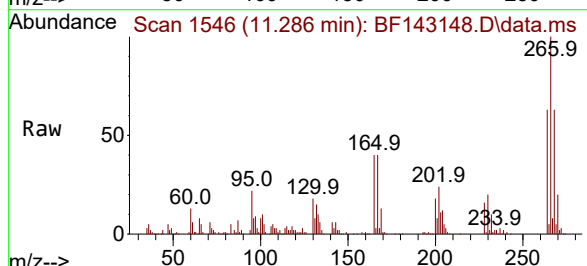
Tgt Ion:266 Resp: 141608

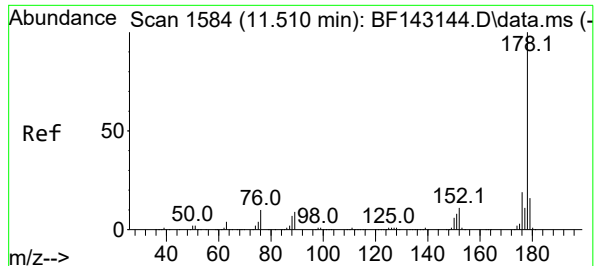
Ion Ratio Lower Upper

266 100

268 63.1 51.9 77.9

264 63.3 51.0 76.6





#71

Phenanthrene

Concen: 40.026 ng

RT: 11.510 min Scan# 1584

Delta R.T. -0.000 min

Lab File: BF143148.D

Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725

Tgt Ion:178 Resp: 971448

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

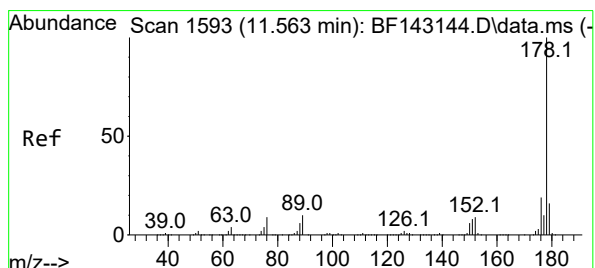
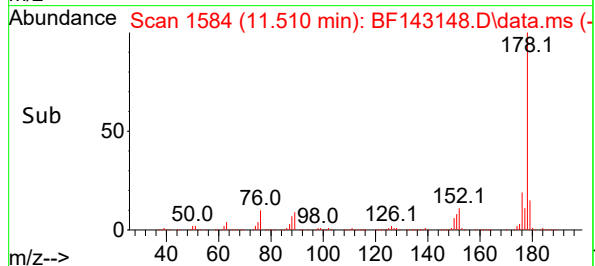
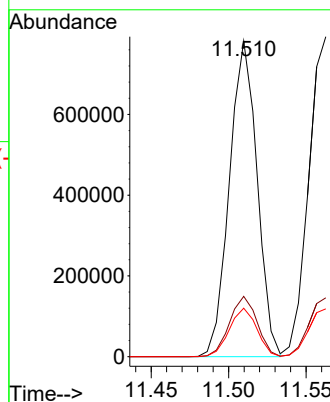
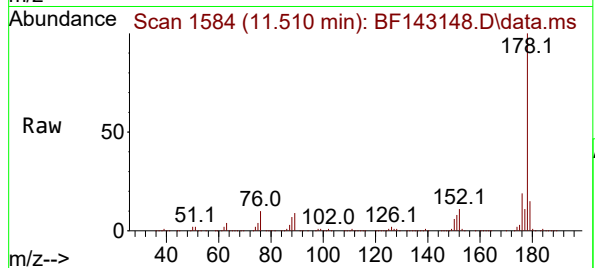
179 15.3 12.5 18.7

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#72

Anthracene

Concen: 40.557 ng

RT: 11.563 min Scan# 1593

Delta R.T. -0.000 min

Lab File: BF143148.D

Acq: 17 Jul 2025 15:06

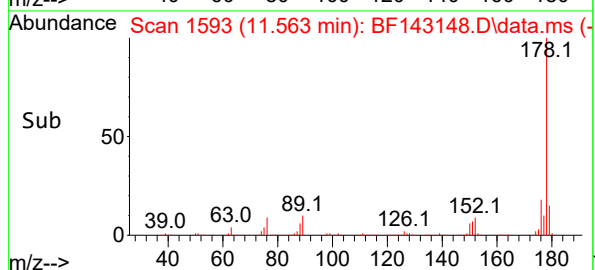
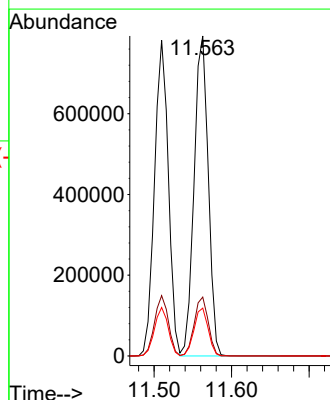
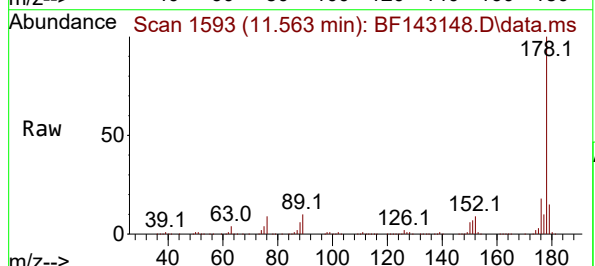
Tgt Ion:178 Resp: 1003925

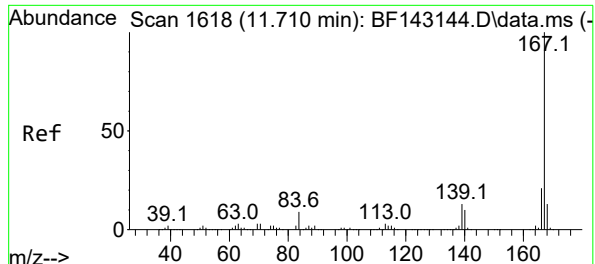
Ion Ratio Lower Upper

178 100

176 18.4 15.0 22.4

179 15.0 12.5 18.7





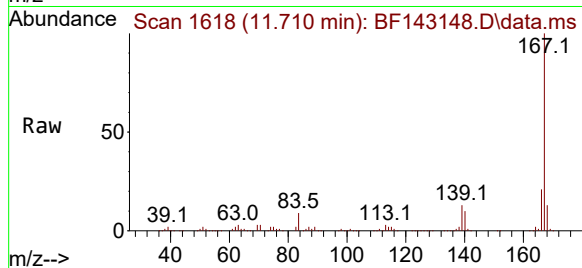
#73
Carbazole
Concen: 40.476 ng
RT: 11.710 min Scan# 1618
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725

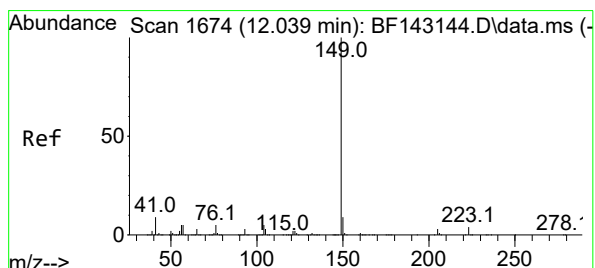
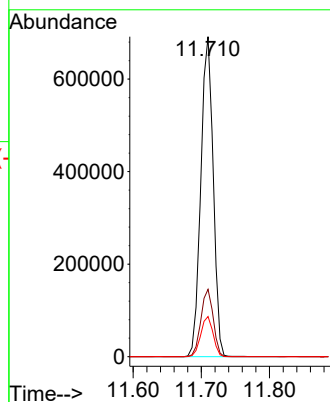
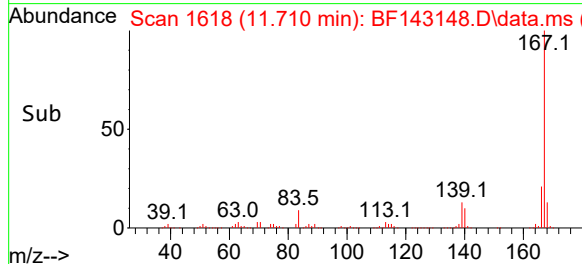


Tgt Ion:167 Resp: 87486
Ion Ratio Lower Upper
167 100
166 21.1 17.0 25.6
139 12.5 10.0 15.0

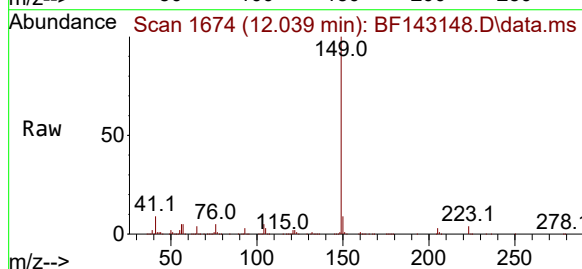
Manual Integrations

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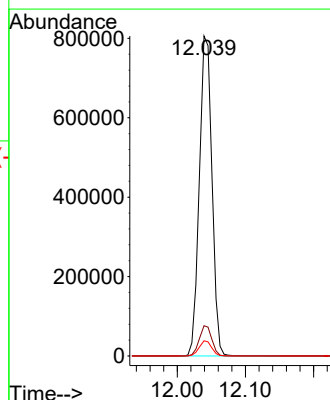
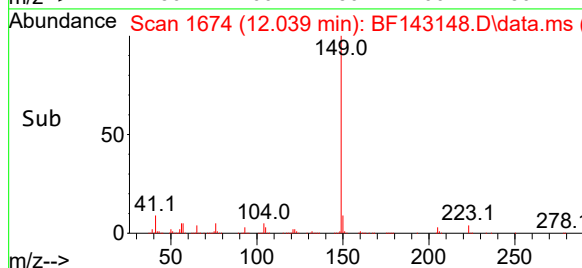
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

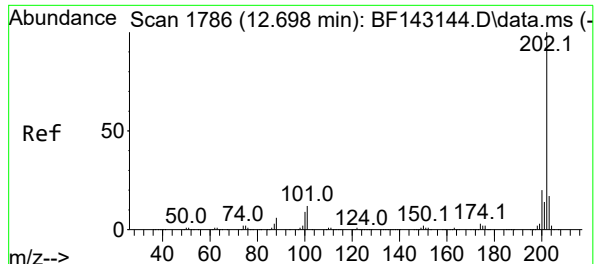


#74
Di-n-butylphthalate
Concen: 42.330 ng
RT: 12.039 min Scan# 1674
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06



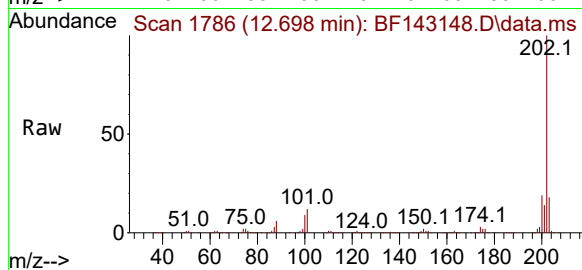
Tgt Ion:149 Resp: 1035244
Ion Ratio Lower Upper
149 100
150 9.4 7.4 11.2
104 4.7 3.8 5.8





#75
Fluoranthene
Concen: 40.836 ng
RT: 12.698 min Scan# 1786
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

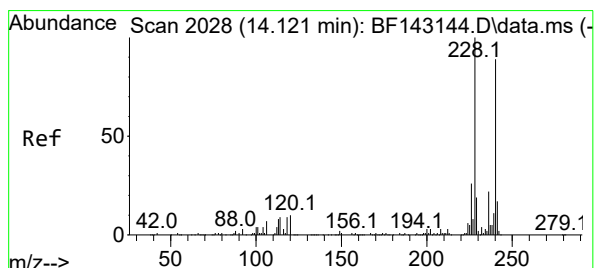
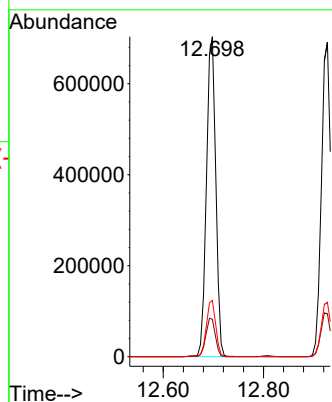
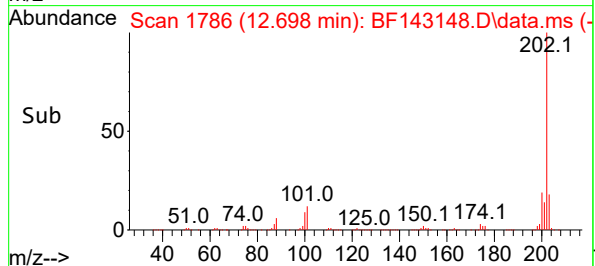
Instrument :
BNA_F
ClientSampleId :
ICVBF071725



Tgt Ion:202 Resp: 90971
Ion Ratio Lower Upper
202 100
101 11.7 0.0 31.7
203 17.6 0.0 37.4

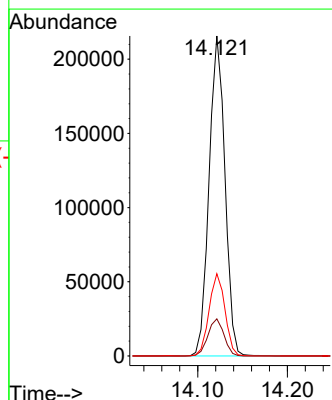
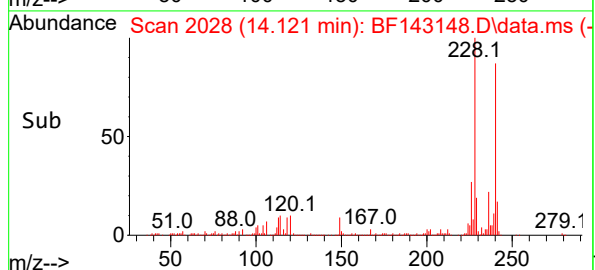
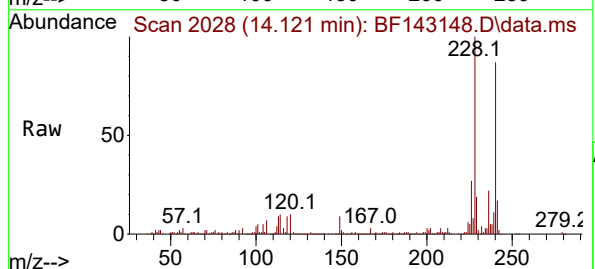
Manual Integrations
APPROVED

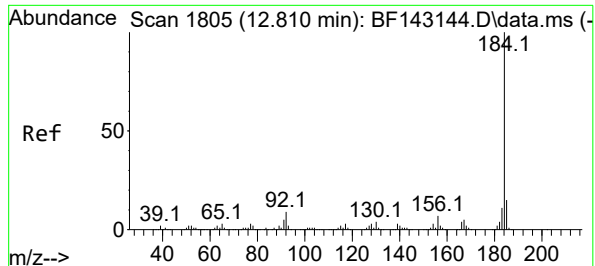
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

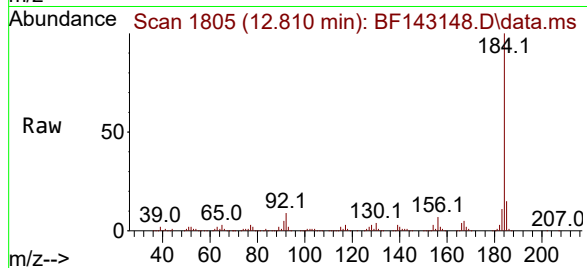
Tgt Ion:240 Resp: 265008
Ion Ratio Lower Upper
240 100
120 11.6 9.4 14.2
236 25.7 20.2 30.4





#77
Benzidine
Concen: 43.239 ng
RT: 12.810 min Scan# 1805
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

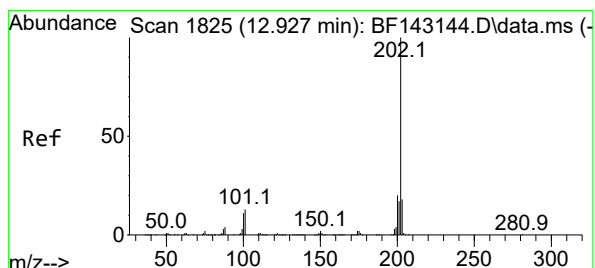
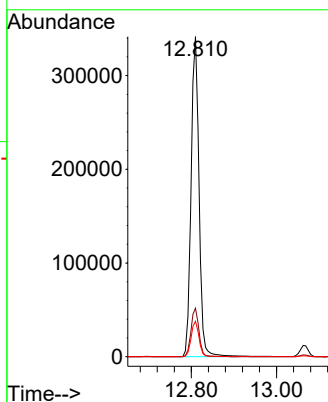
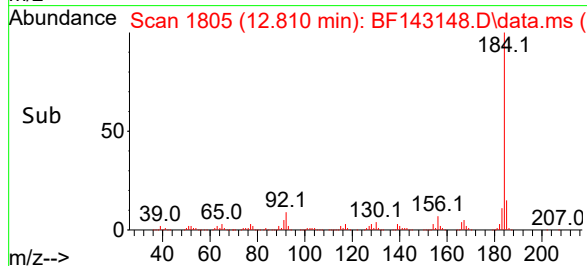
Instrument :
BNA_F
ClientSampleId :
ICVBF071725



Tgt Ion:184 Resp: 441470
Ion Ratio Lower Upper
184 100
185 15.1 12.2 18.4
183 11.1 9.0 13.4

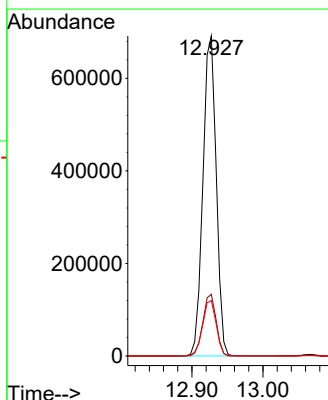
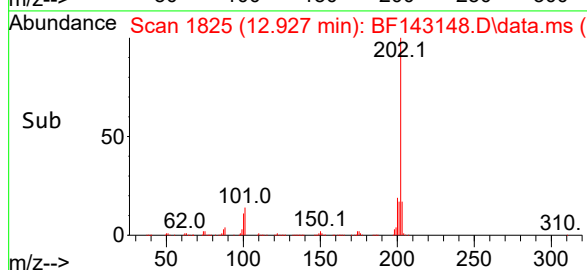
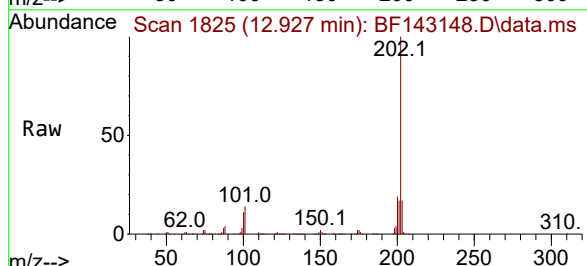
Manual Integrations
APPROVED

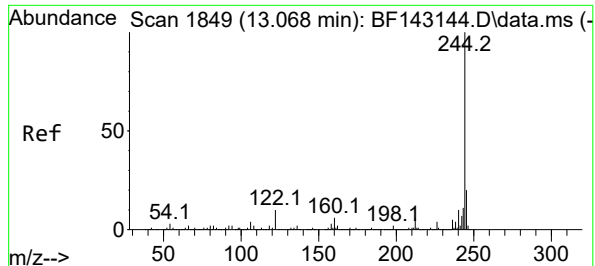
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#78
Pyrene
Concen: 39.916 ng
RT: 12.927 min Scan# 1825
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

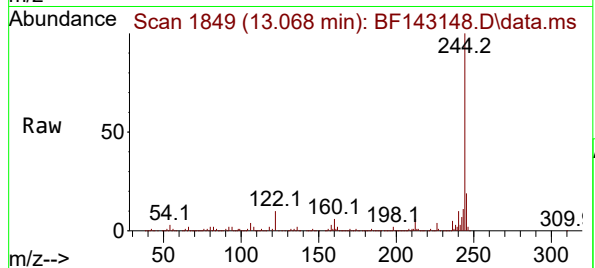
Tgt Ion:202 Resp: 902771
Ion Ratio Lower Upper
202 100
200 19.3 15.7 23.5
203 17.3 14.2 21.2





#79
Terphenyl-d14
Concen: 69.333 ng
RT: 13.068 min Scan# 1849
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

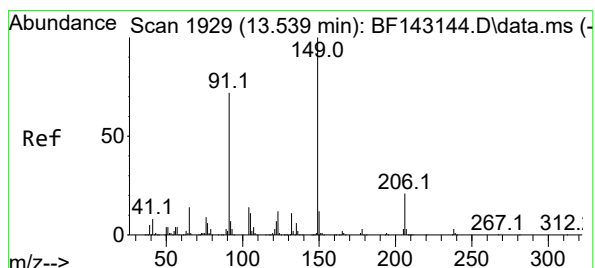
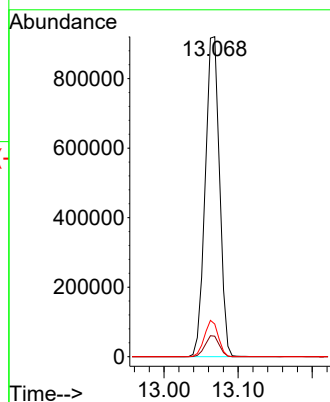
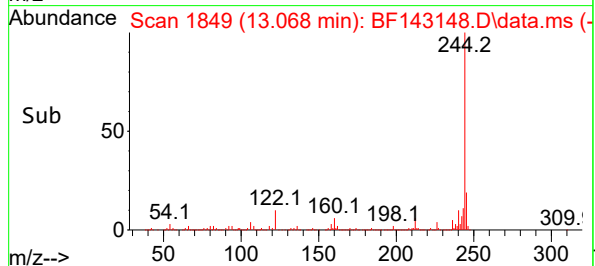
Instrument :
BNA_F
ClientSampleId :
ICVBF071725



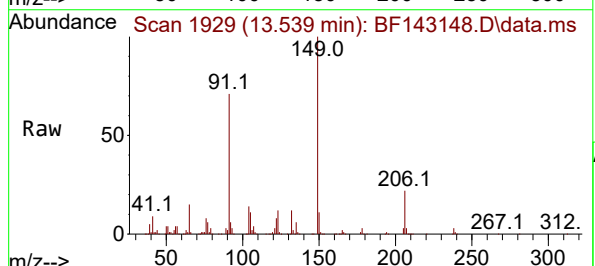
Tgt Ion:244 Resp: 123470
Ion Ratio Lower Upper
244 100
212 6.4 5.2 7.8
122 10.2 8.2 12.2

Manual Integrations
APPROVED

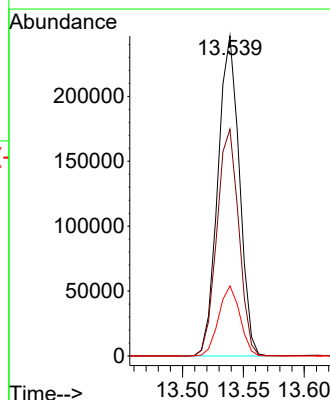
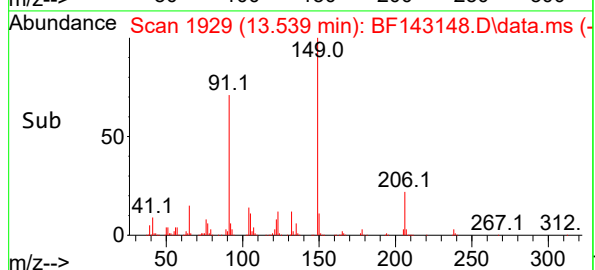
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

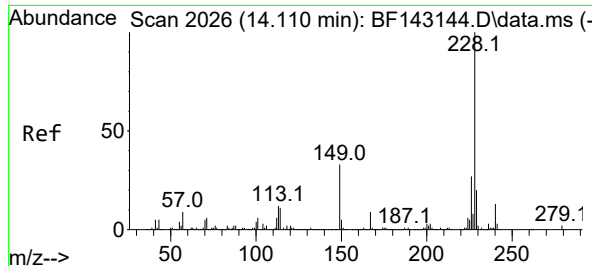


#80
Butylbenzylphthalate
Concen: 43.827 ng
RT: 13.539 min Scan# 1929
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06



Tgt Ion:149 Resp: 303528
Ion Ratio Lower Upper
149 100
91 70.9 57.9 86.9
206 21.9 17.0 25.4





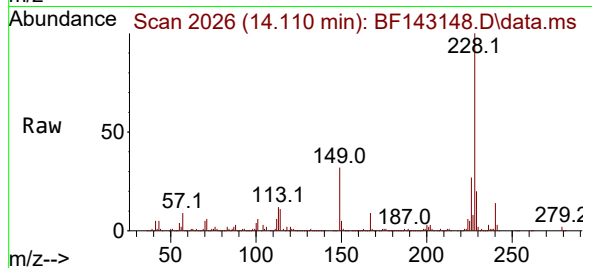
#81
Benzo(a)anthracene
Concen: 39.950 ng
RT: 14.110 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725

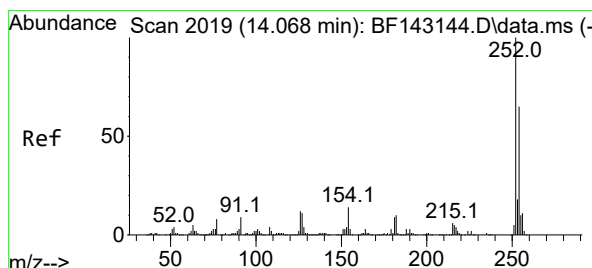
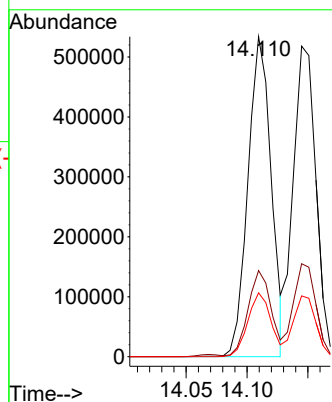
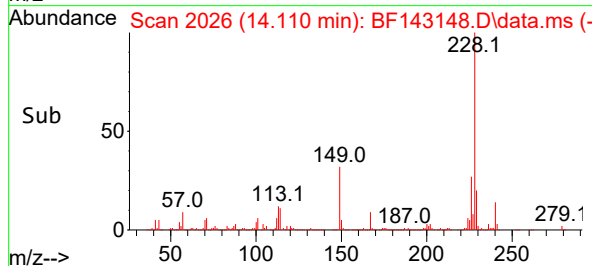


Tgt Ion:228 Resp: 708799
Ion Ratio Lower Upper
228 100
226 26.9 21.7 32.5
229 20.0 15.8 23.6

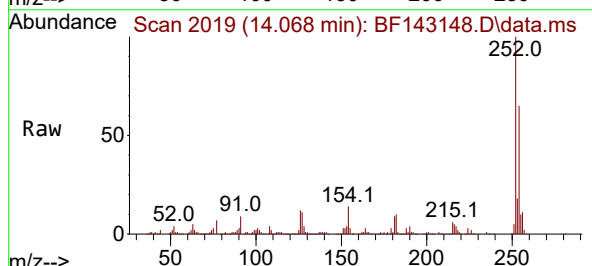
Manual Integrations

APPROVED

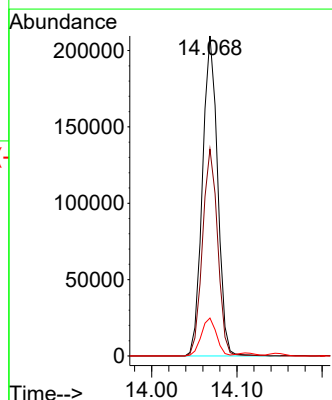
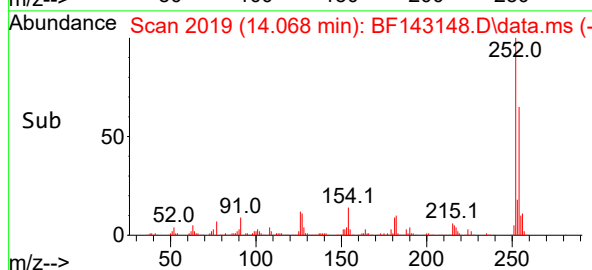
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

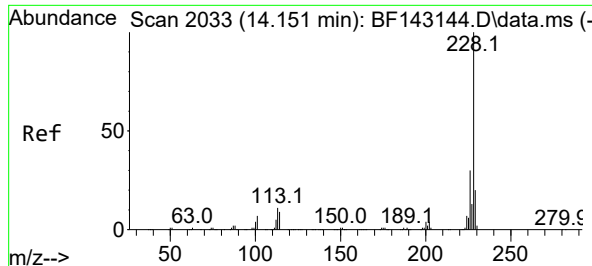


#82
3,3'-Dichlorobenzidine
Concen: 43.772 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06



Tgt Ion:252 Resp: 258837
Ion Ratio Lower Upper
252 100
254 64.6 51.7 77.5
126 11.9 9.4 14.0





#83

Chrysene

Concen: 42.233 ng

RT: 14.145 min Scan# 2033

Delta R.T. -0.006 min

Lab File: BF143148.D

Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725

Tgt Ion:228 Resp: 67370

Ion Ratio Lower Upper

228 100

226 29.9 23.8 35.8

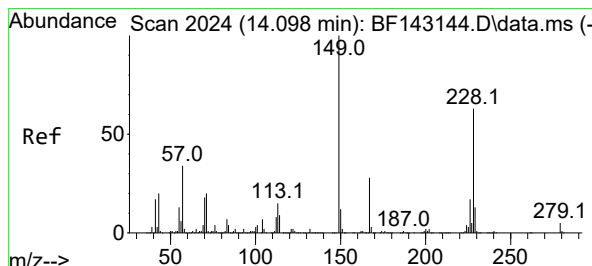
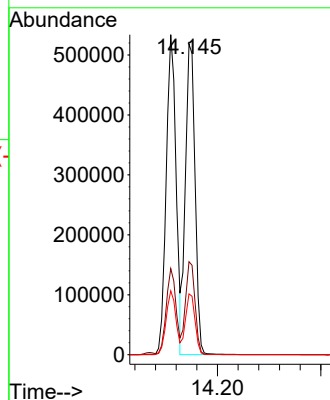
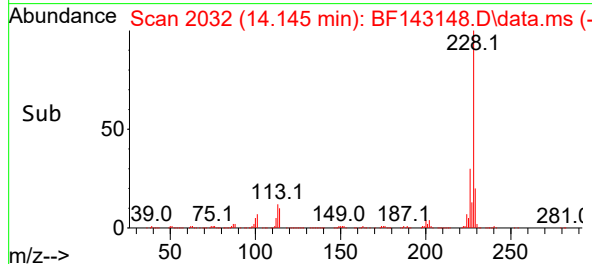
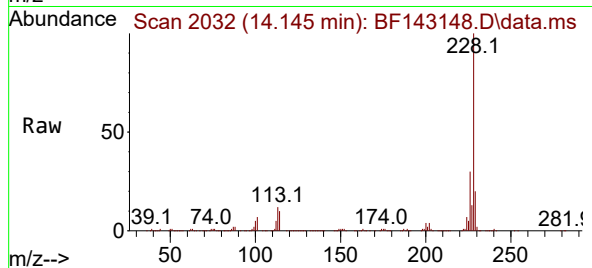
229 19.6 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.578 ng

RT: 14.098 min Scan# 2024

Delta R.T. -0.000 min

Lab File: BF143148.D

Acq: 17 Jul 2025 15:06

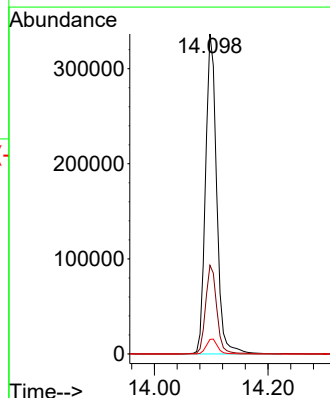
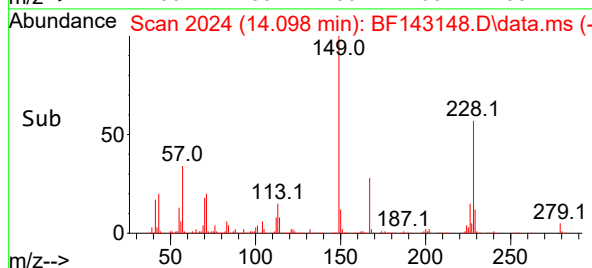
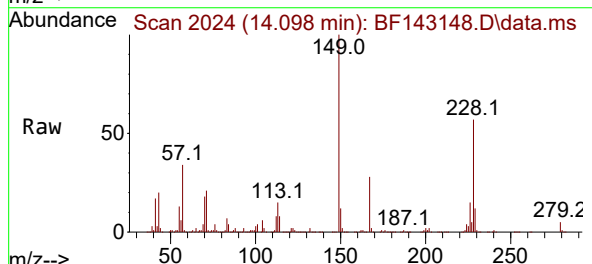
Tgt Ion:149 Resp: 456811

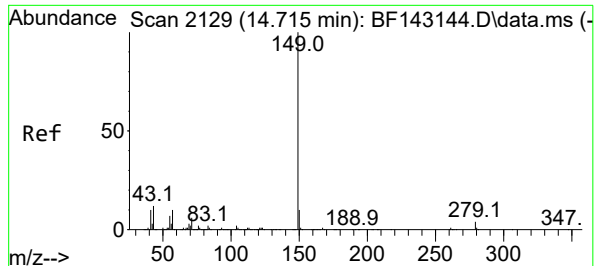
Ion Ratio Lower Upper

149 100

167 27.7 22.3 33.5

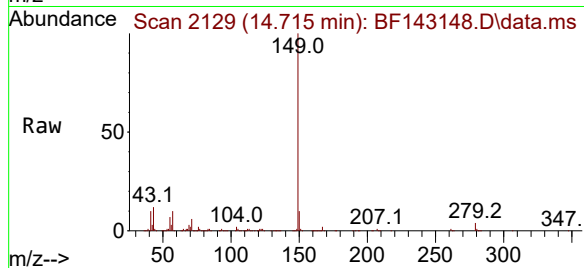
279 4.6 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 43.077 ng
RT: 14.715 min Scan# 2129
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

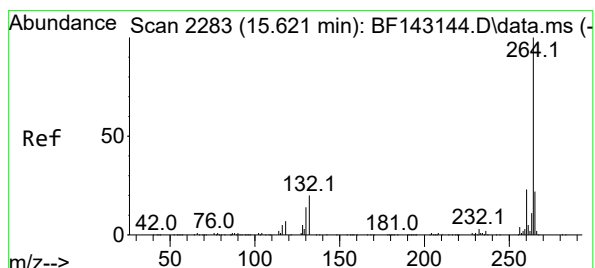
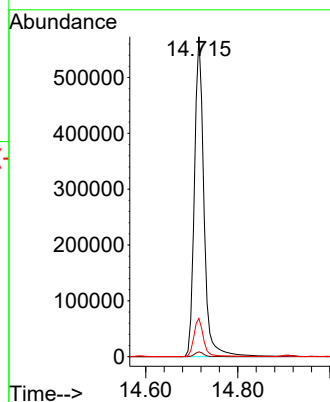
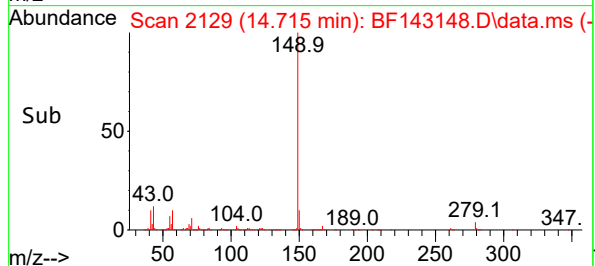
Instrument :
BNA_F
ClientSampleId :
ICVBF071725



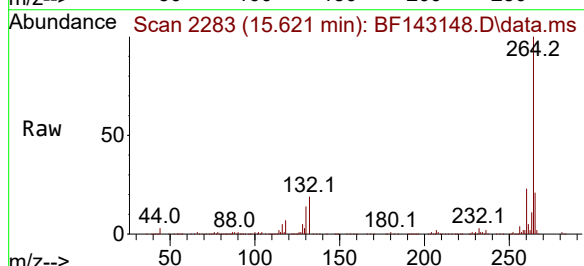
Tgt Ion:149 Resp: 818512
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 12.2 9.7 14.5

Manual Integrations
APPROVED

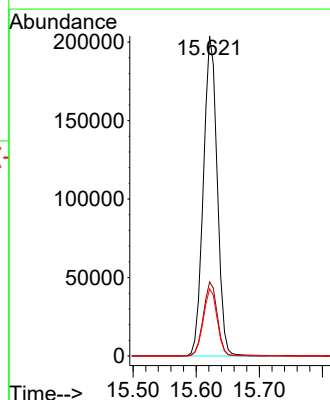
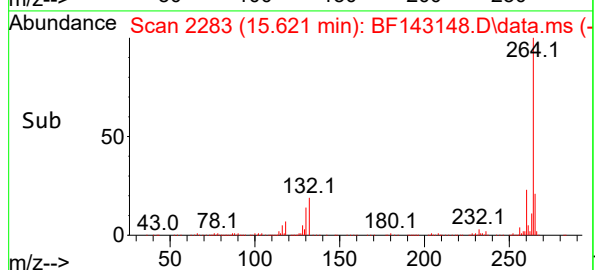
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

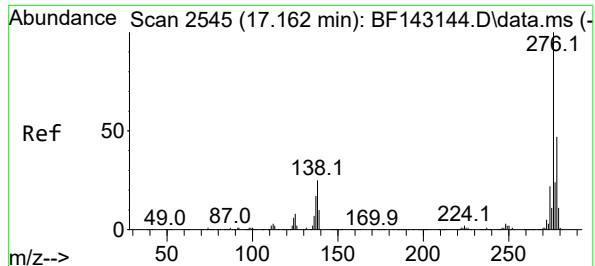


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2283
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06



Tgt Ion:264 Resp: 310192
Ion Ratio Lower Upper
264 100
260 23.2 18.5 27.7
265 20.9 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.983 ng

RT: 17.162 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF143148.D

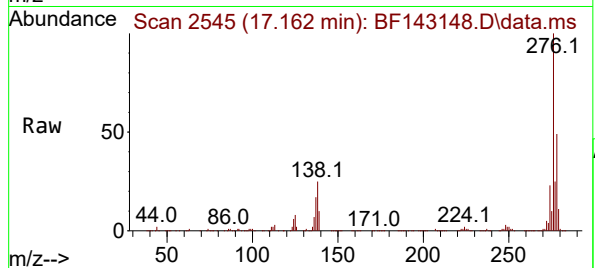
Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725



Tgt Ion:276 Resp: 896404

Ion Ratio Lower Upper

276 100

138 26.9 21.8 32.6

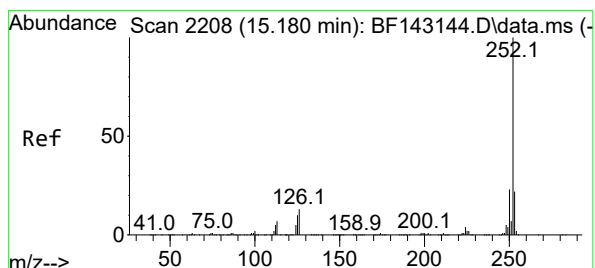
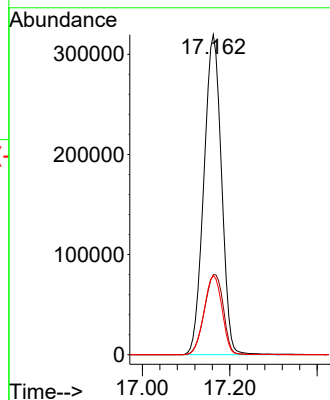
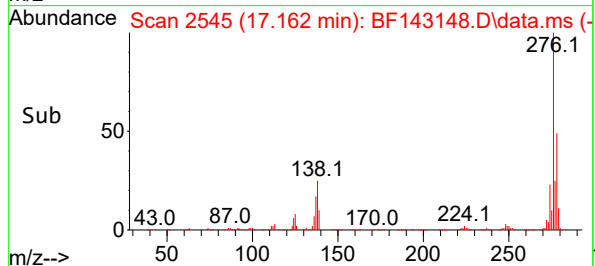
277 25.2 20.0 30.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#88

Benzo(b)fluoranthene

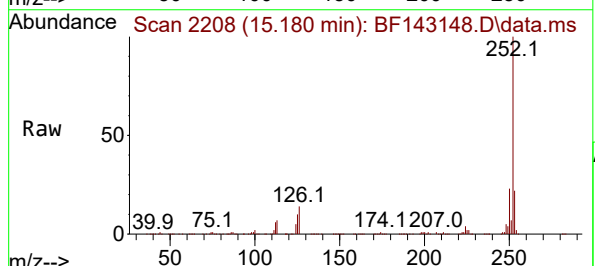
Concen: 43.278 ng

RT: 15.180 min Scan# 2208

Delta R.T. -0.000 min

Lab File: BF143148.D

Acq: 17 Jul 2025 15:06



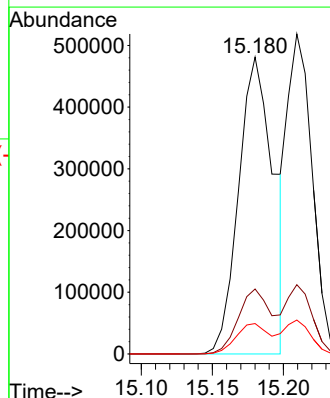
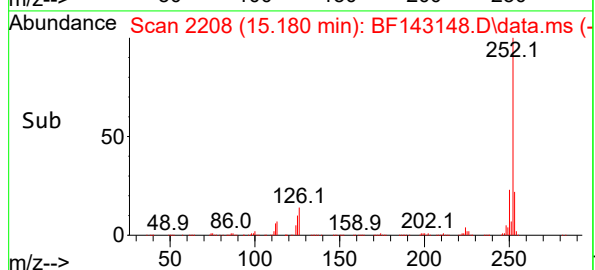
Tgt Ion:252 Resp: 820119

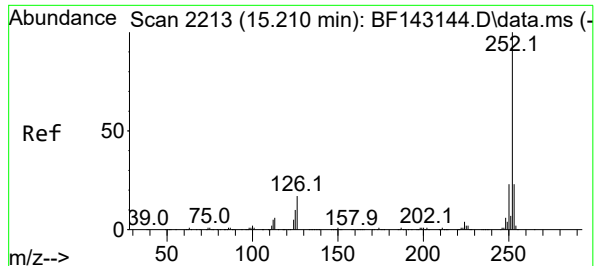
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 10.3 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 37.531 ng

RT: 15.209 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF143148.D

Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725

Tgt Ion:252 Resp: 63464

Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.6

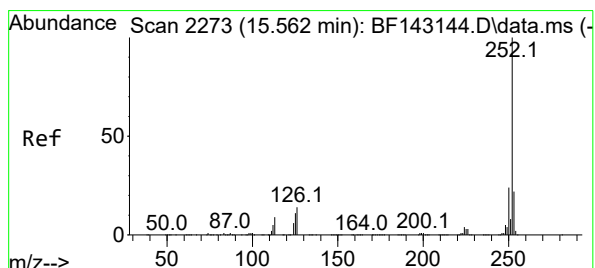
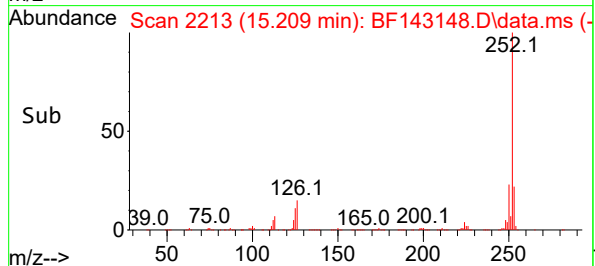
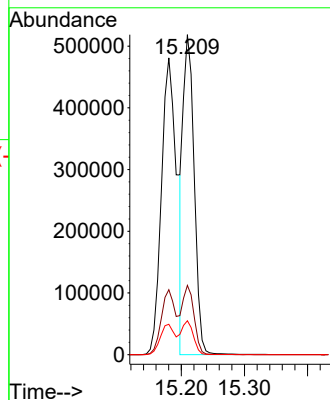
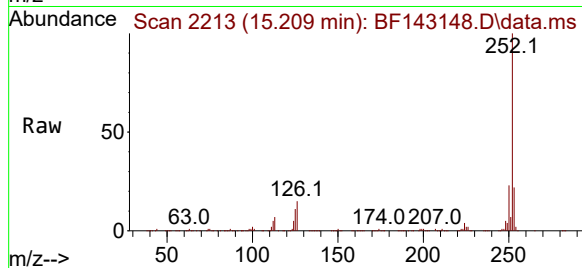
125 10.6 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#90

Benzo(a)pyrene

Concen: 40.594 ng

RT: 15.562 min Scan# 2273

Delta R.T. -0.000 min

Lab File: BF143148.D

Acq: 17 Jul 2025 15:06

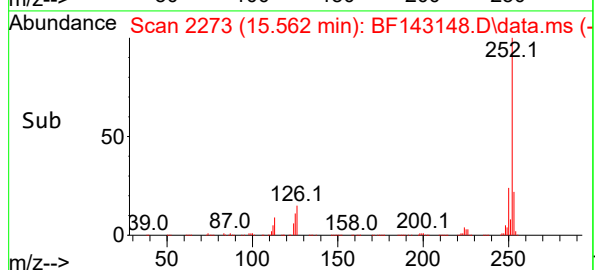
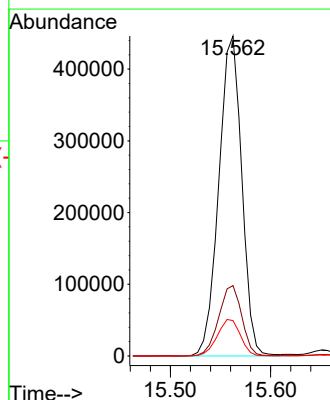
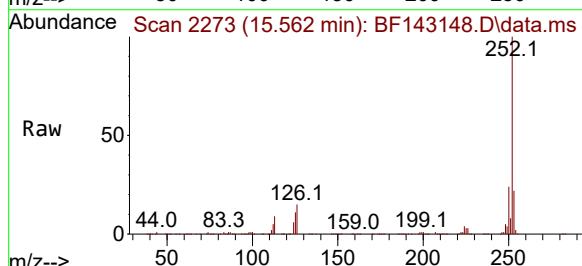
Tgt Ion:252 Resp: 708756

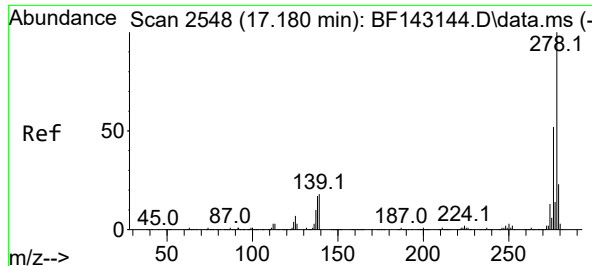
Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 11.1 8.6 13.0





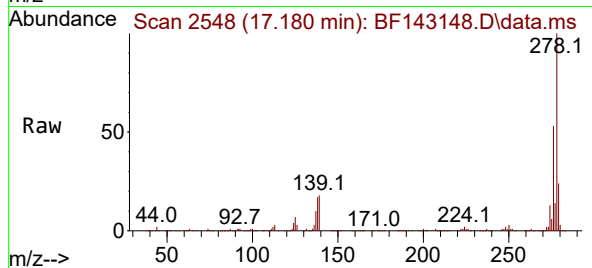
#91
Dibenzo(a,h)anthracene
Concen: 40.710 ng
RT: 17.180 min Scan# 2548
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725

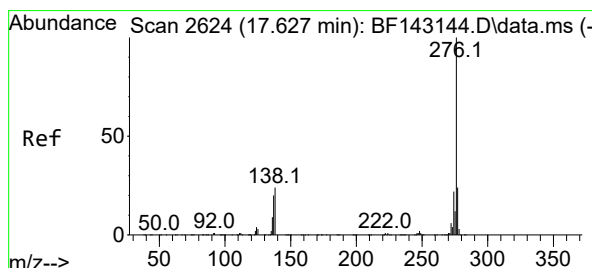
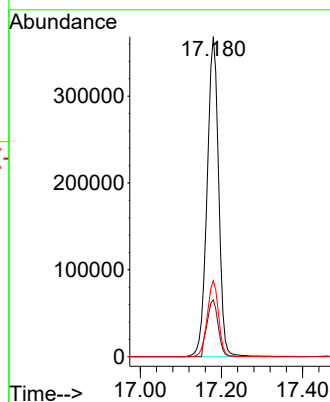
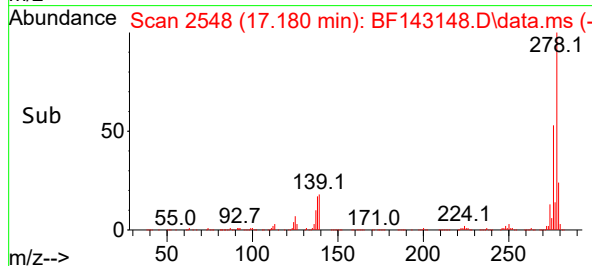


Tgt Ion:278 Resp: 724758
Ion Ratio Lower Upper
278 100
139 17.8 14.1 21.1
279 23.8 18.6 28.0

Manual Integrations

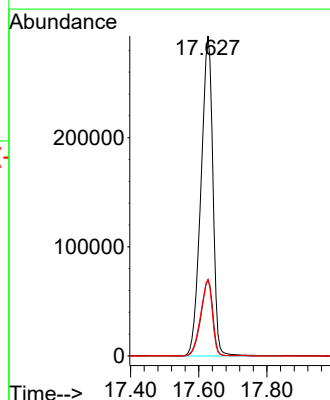
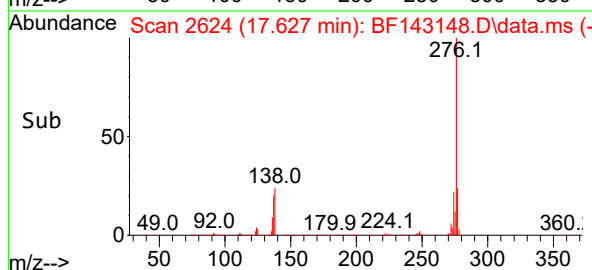
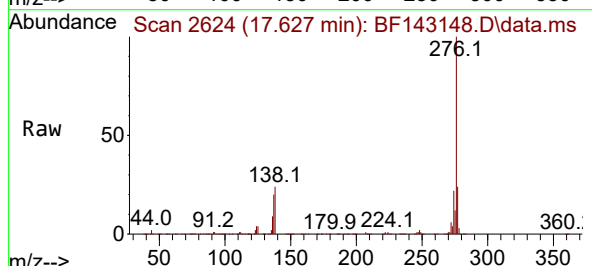
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 41.394 ng
RT: 17.627 min Scan# 2624
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:276 Resp: 712864
Ion Ratio Lower Upper
276 100
277 23.8 19.1 28.7
138 23.9 18.9 28.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
 Data File : BF143148.D
 Acq On : 17 Jul 2025 15:06
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071725

Quant Time: Jul 17 16:24:49 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	86	0.00
2	1,4-Dioxane	0.598	0.576	3.7	83	-0.03
3	Pyridine	1.552	1.576	-1.5	89	-0.02
4	n-Nitrosodimethylamine	0.801	0.817	-2.0	87	-0.02
5 S	2-Fluorophenol	1.264	1.219	3.6	85	0.00
6	Aniline	2.217	2.277	-2.7	89	0.00
7 S	Phenol-d6	1.591	1.554	2.3	86	0.00
8	2-Chlorophenol	1.325	1.375	-3.8	90	0.00
9	Benzaldehyde	1.193	1.117	6.4	67	0.00
10 C	Phenol	1.733	1.769	-2.1	89	0.00
11	bis(2-Chloroethyl)ether	1.327	1.348	-1.6	89	0.00
12	1,3-Dichlorobenzene	1.439	1.454	-1.0	89	0.00
13 C	1,4-Dichlorobenzene	1.449	1.476	-1.9	90	0.00
14	1,2-Dichlorobenzene	1.378	1.430	-3.8	92	0.00
15	Benzyl Alcohol	1.215	1.274	-4.9	90	0.00
16	2,2'-oxybis(1-Chloropropane	2.461	2.545	-3.4	91	0.00
17	2-Methylphenol	1.114	1.153	-3.5	91	0.00
18	Hexachloroethane	0.502	0.526	-4.8	92	0.00
19 P	n-Nitroso-di-n-propylamine	1.021	1.029	-0.8	90	0.00
20	3+4-Methylphenols	1.351	1.432	-6.0	92	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	87	0.00
22	Acetophenone	0.474	0.477	-0.6	91	0.00
23 S	Nitrobenzene-d5	0.401	0.362	9.7	79	0.00
24	Nitrobenzene	0.374	0.390	-4.3	91	0.00
25	Isophorone	0.708	0.718	-1.4	91	0.00
26 C	2-Nitrophenol	0.162	0.182	-12.3	93	0.00
27	2,4-Dimethylphenol	0.331	0.337	-1.8	91	0.00
28	bis(2-Chloroethoxy)methane	0.425	0.424	0.2	90	0.00
29 C	2,4-Dichlorophenol	0.279	0.285	-2.2	90	0.00
30	1,2,4-Trichlorobenzene	0.302	0.306	-1.3	91	0.00
31	Naphthalene	0.985	0.989	-0.4	90	0.00
32	Benzoic acid	0.169	0.181	-7.1	88	0.00
33	4-Chloroaniline	0.402	0.409	-1.7	91	0.00
34 C	Hexachlorobutadiene	0.184	0.190	-3.3	92	0.00
35	Caprolactam	0.084	0.086	-2.4	87	0.00
36 C	4-Chloro-3-methylphenol	0.303	0.308	-1.7	89	0.00
37	2-Methylnaphthalene	0.599	0.604	-0.8	91	0.00
38	1-Methylnaphthalene	0.617	0.628	-1.8	91	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	87	0.00
40	1,2,4,5-Tetrachlorobenzene	0.577	0.591	-2.4	93	0.00
41 P	Hexachlorocyclopentadiene	0.376	0.403	-7.2	93	0.00
42 S	2,4,6-Tribromophenol	0.207	0.207	0.0	85	0.00
43 C	2,4,6-Trichlorophenol	0.400	0.402	-0.5	91	0.00
44	2,4,5-Trichlorophenol	0.400	0.430	-7.5	92	0.00
45 S	2-Fluorobiphenyl	1.462	1.261	13.7	80	0.00
46	1,1'-Biphenyl	1.560	1.601	-2.6	93	0.00
47	2-Chloronaphthalene	1.155	1.160	-0.4	91	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
 Data File : BF143148.D
 Acq On : 17 Jul 2025 15:06
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071725

Quant Time: Jul 17 16:24:49 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48	2-Nitroaniline	0.362	0.396	-9.4	91	0.00
49	Acenaphthylene	1.935	1.936	-0.1	90	0.00
50	Dimethylphthalate	1.304	1.311	-0.5	89	0.00
51	2,6-Dinitrotoluene	0.265	0.291	-9.8	91	0.00
52 C	Acenaphthene	1.144	1.149	-0.4	91	0.00
53	3-Nitroaniline	0.310	0.333	-7.4	91	0.00
54 P	2,4-Dinitrophenol	0.098	0.113	-15.3	93	0.00
55	Dibenzofuran	1.698	1.697	0.1	90	0.00
56 P	4-Nitrophenol	0.232	0.245	-5.6	86	0.00
57	2,4-Dinitrotoluene	0.333	0.370	-11.1	90	0.00
58	Fluorene	1.274	1.249	2.0	89	0.00
59	2,3,4,6-Tetrachlorophenol	0.331	0.346	-4.5	90	0.00
60	Diethylphthalate	1.289	1.312	-1.8	90	0.00
61	4-Chlorophenyl-phenylether	0.635	0.641	-0.9	91	0.00
62	4-Nitroaniline	0.266	0.279	-4.9	86	0.00
63	Azobenzene	1.343	1.357	-1.0	89	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	84	0.00
65	4,6-Dinitro-2-methylphenol	0.094	0.108	-14.9	93	0.00
66 c	n-Nitrosodiphenylamine	0.704	0.709	-0.7	89	0.00
67	4-Bromophenyl-phenylether	0.238	0.243	-2.1	90	0.00
68	Hexachlorobenzene	0.249	0.251	-0.8	88	0.00
69	Atrazine	0.194	0.207	-6.7	89	0.00
70 C	Pentachlorophenol	0.147	0.155	-5.4	88	0.00
71	Phenanthrene	1.062	1.063	-0.1	88	0.00
72	Anthracene	1.083	1.098	-1.4	89	0.00
73	Carbazole	0.946	0.957	-1.2	87	0.00
74	Di-n-butylphthalate	1.070	1.132	-5.8	89	0.00
75 C	Fluoranthene	0.975	0.995	-2.1	88	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	89	0.00
77	Benzidine	0.771	0.833	-8.0	78	0.00
78	Pyrene	1.707	1.703	0.2	89	0.00
79 S	Terphenyl-d14	1.344	1.165	13.3	79	0.00
80	Butylbenzylphthalate	0.523	0.573	-9.6	94	0.00
81	Benzo(a)anthracene	1.339	1.337	0.1	93	0.00
82	3,3'-Dichlorobenzidine	0.446	0.488	-9.4	102	0.00
83	Chrysene	1.204	1.271	-5.6	94	0.00
84	Bis(2-ethylhexyl)phthalate	0.791	0.862	-9.0	98	0.00
85 c	Di-n-octyl phthalate	1.434	1.544	-7.7	100	0.00
86 I	Perylene-d12	1.000	1.000	0.0	96	0.00
87	Indeno(1,2,3-cd)pyrene	1.410	1.445	-2.5	98	0.00
88	Benzo(b)fluoranthene	1.222	1.322	-8.2	110	0.00
89	Benzo(k)fluoranthene	1.090	1.023	6.1	87	0.00
90 C	Benzo(a)pyrene	1.126	1.142	-1.4	98	0.00
91	Dibenzo(a,h)anthracene	1.148	1.168	-1.7	98	0.00
92	Benzo(g,h,i)perylene	1.110	1.149	-3.5	99	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143148.D
Acq On : 17 Jul 2025 15:06
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Quant Time: Jul 17 16:24:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev Area	% Dev(min)

(#) = Out of Range

SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
 Data File : BF143148.D
 Acq On : 17 Jul 2025 15:06
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
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Quant Time: Jul 17 16:24:49 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	86	0.00
2	1,4-Dioxane	40.000	38.496	3.8	83	-0.03
3	Pyridine	40.000	40.604	-1.5	89	-0.02
4	n-Nitrosodimethylamine	40.000	40.802	-2.0	87	-0.02
5 S	2-Fluorophenol	80.000	77.143	3.6	85	0.00
6	Aniline	40.000	41.078	-2.7	89	0.00
7 S	Phenol-d6	80.000	78.133	2.3	86	0.00
8	2-Chlorophenol	40.000	41.530	-3.8	90	0.00
9	Benzaldehyde	40.000	37.441	6.4	67	0.00
10 C	Phenol	40.000	40.827	-2.1	89	0.00
11	bis(2-Chloroethyl)ether	40.000	40.628	-1.6	89	0.00
12	1,3-Dichlorobenzene	40.000	40.400	-1.0	89	0.00
13 C	1,4-Dichlorobenzene	40.000	40.731	-1.8	90	0.00
14	1,2-Dichlorobenzene	40.000	41.506	-3.8	92	0.00
15	Benzyl Alcohol	40.000	41.958	-4.9	90	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	41.357	-3.4	91	0.00
17	2-Methylphenol	40.000	41.398	-3.5	91	0.00
18	Hexachloroethane	40.000	41.903	-4.8	92	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	40.342	-0.9	90	0.00
20	3+4-Methylphenols	40.000	42.387	-6.0	92	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	87	0.00
22	Acetophenone	40.000	40.260	-0.6	91	0.00
23 S	Nitrobenzene-d5	80.000	72.247	9.7	79	0.00
24	Nitrobenzene	40.000	41.731	-4.3	91	0.00
25	Isophorone	40.000	40.567	-1.4	91	0.00
26 C	2-Nitrophenol	40.000	44.896	-12.2	93	0.00
27	2,4-Dimethylphenol	40.000	40.773	-1.9	91	0.00
28	bis(2-Chloroethoxy)methane	40.000	39.939	0.2	90	0.00
29 C	2,4-Dichlorophenol	40.000	40.875	-2.2	90	0.00
30	1,2,4-Trichlorobenzene	40.000	40.551	-1.4	91	0.00
31	Naphthalene	40.000	40.143	-0.4	90	0.00
32	Benzoic acid	40.000	39.782	0.5	88	0.00
33	4-Chloroaniline	40.000	40.671	-1.7	91	0.00
34 C	Hexachlorobutadiene	40.000	41.284	-3.2	92	0.00
35	Caprolactam	40.000	40.959	-2.4	87	0.00
36 C	4-Chloro-3-methylphenol	40.000	40.611	-1.5	89	0.00
37	2-Methylnaphthalene	40.000	40.279	-0.7	91	0.00
38	1-Methylnaphthalene	40.000	40.712	-1.8	91	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	87	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	40.944	-2.4	93	0.00
41 P	Hexachlorocyclopentadiene	40.000	42.872	-7.2	93	0.00
42 S	2,4,6-Tribromophenol	80.000	79.969	0.0	85	0.00
43 C	2,4,6-Trichlorophenol	40.000	40.253	-0.6	91	0.00
44	2,4,5-Trichlorophenol	40.000	42.989	-7.5	92	0.00
45 S	2-Fluorobiphenyl	80.000	68.992	13.8	80	0.00
46	1,1'-Biphenyl	40.000	41.053	-2.6	93	0.00
47	2-Chloronaphthalene	40.000	40.184	-0.5	91	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
 Data File : BF143148.D
 Acq On : 17 Jul 2025 15:06
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071725

Quant Time: Jul 17 16:24:49 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	43.723	-9.3	91	0.00
49	Acenaphthylene	40.000	40.013	-0.0	90	0.00
50	Dimethylphthalate	40.000	40.218	-0.5	89	0.00
51	2,6-Dinitrotoluene	40.000	43.820	-9.6	91	0.00
52 C	Acenaphthene	40.000	40.176	-0.4	91	0.00
53	3-Nitroaniline	40.000	42.985	-7.5	91	0.00
54 P	2,4-Dinitrophenol	40.000	40.998	-2.5	93	0.00
55	Dibenzofuran	40.000	39.981	0.0	90	0.00
56 P	4-Nitrophenol	40.000	42.344	-5.9	86	0.00
57	2,4-Dinitrotoluene	40.000	44.440	-11.1	90	0.00
58	Fluorene	40.000	39.219	2.0	89	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	41.743	-4.4	90	0.00
60	Diethylphthalate	40.000	40.729	-1.8	90	0.00
61	4-Chlorophenyl-phenylether	40.000	40.377	-0.9	91	0.00
62	4-Nitroaniline	40.000	41.953	-4.9	86	0.00
63	Azobenzene	40.000	40.414	-1.0	89	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	84	0.00
65	4,6-Dinitro-2-methylphenol	40.000	41.869	-4.7	93	0.00
66 c	n-Nitrosodiphenylamine	40.000	40.250	-0.6	89	0.00
67	4-Bromophenyl-phenylether	40.000	40.828	-2.1	90	0.00
68	Hexachlorobenzene	40.000	40.268	-0.7	88	0.00
69	Atrazine	40.000	42.615	-6.5	89	0.00
70 C	Pentachlorophenol	40.000	42.292	-5.7	88	0.00
71	Phenanthrene	40.000	40.026	-0.1	88	0.00
72	Anthracene	40.000	40.557	-1.4	89	0.00
73	Carbazole	40.000	40.476	-1.2	87	0.00
74	Di-n-butylphthalate	40.000	42.330	-5.8	89	0.00
75 C	Fluoranthene	40.000	40.836	-2.1	88	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	89	0.00
77	Benzydine	40.000	43.239	-8.1	78	0.00
78	Pyrene	40.000	39.916	0.2	89	0.00
79 S	Terphenyl-d14	80.000	69.333	13.3	79	0.00
80	Butylbenzylphthalate	40.000	43.827	-9.6	94	0.00
81	Benzo(a)anthracene	40.000	39.950	0.1	93	0.00
82	3,3'-Dichlorobenzidine	40.000	43.772	-9.4	102	0.00
83	Chrysene	40.000	42.233	-5.6	94	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	43.578	-8.9	98	0.00
85 c	Di-n-octyl phthalate	40.000	43.077	-7.7	100	0.00
86 I	Perylene-d12	20.000	20.000	0.0	96	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	40.983	-2.5	98	0.00
88	Benzo(b)fluoranthene	40.000	43.278	-8.2	110	0.00
89	Benzo(k)fluoranthene	40.000	37.531	6.2	87	0.00
90 C	Benzo(a)pyrene	40.000	40.594	-1.5	98	0.00
91	Dibenzo(a,h)anthracene	40.000	40.710	-1.8	98	0.00
92	Benzo(g,h,i)perylene	40.000	41.394	-3.5	99	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143148.D
Acq On : 17 Jul 2025 15:06
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Quant Time: Jul 17 16:24:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range

SPCC's out = 0 CCC's out = 0



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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: ENVI60
 Lab Code: ACE SDG No.: Q2646
 Instrument ID: BNA_F Calibration Date/Time: 07/22/2025 15:23
 Lab File ID: BF143189.D Init. Calib. Date(s): 07/17/2025 07/17/2025
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:04 14:34
 GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Pyridine	1.552	1.527		-1.6	
2-Fluorophenol	1.264	1.251		-1.0	
Phenol-d6	1.591	1.592		0.1	
1,4-Dichlorobenzene	1.449	1.455		0.4	20.0
2-Methylphenol	1.114	1.126		1.1	
3+4-Methylphenols	1.351	1.397		3.4	
Nitrobenzene-d5	0.401	0.408		1.7	
Hexachloroethane	0.502	0.518		3.2	
Nitrobenzene	0.374	0.383		2.4	
Hexachlorobutadiene	0.184	0.183		-0.5	20.0
2,4,6-Trichlorophenol	0.400	0.390		-2.5	20.0
2-Fluorobiphenyl	1.462	1.403		-4.0	
2,4,5-Trichlorophenol	0.400	0.403		0.8	
2,4-Dinitrotoluene	0.333	0.359		7.8	
2,4,6-Tribromophenol	0.207	0.210		1.4	
Hexachlorobenzene	0.249	0.241		-3.2	
Pentachlorophenol	0.147	0.155		5.4	20.0
Terphenyl-d14	1.344	1.253		-6.8	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
 Data File : BF143189.D
 Acq On : 22 Jul 2025 15:23
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jul 22 15:54:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	121745	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	475525	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	246814	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	395216	20.000	ng	0.00
76) Chrysene-d12	14.127	240	234922	20.000	ng	0.00
86) Perylene-d12	15.633	264	268523	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	609302	79.198	ng	0.00
7) Phenol-d6	6.587	99	775213	80.055	ng	0.00
23) Nitrobenzene-d5	7.522	82	775249	81.266	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	206842	81.123	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1384823	76.735	ng	0.00
79) Terphenyl-d14	13.069	244	1177750	74.604	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.810	88	141823	38.959	ng	100
3) Pyridine	3.587	79	371810	39.351	ng	99
4) n-Nitrosodimethylamine	3.522	42	196228	40.224	ng	98
6) Aniline	6.628	93	538010	39.865	ng	99
8) 2-Chlorophenol	6.751	128	326533	40.492	ng	98
9) Benzaldehyde	6.516	77	275389	37.926	ng	100
10) Phenol	6.598	94	445290	42.211	ng	98
11) bis(2-Chloroethyl)ether	6.693	93	320130	39.634	ng	99
12) 1,3-Dichlorobenzene	6.910	146	348639	39.797	ng	99
13) 1,4-Dichlorobenzene	6.981	146	354325	40.163	ng	100
14) 1,2-Dichlorobenzene	7.134	146	339632	40.476	ng	99
15) Benzyl Alcohol	7.098	79	301897	40.831	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.234	45	606219	40.459	ng	99
17) 2-Methylphenol	7.210	107	274065	40.419	ng	99
18) Hexachloroethane	7.481	117	126249	41.338	ng	96
19) n-Nitroso-di-n-propyla...	7.375	70	242073	38.965	ng	99
20) 3+4-Methylphenols	7.363	107	340248	41.359	ng	# 83
22) Acetophenone	7.369	105	439058	38.999	ng	99
24) Nitrobenzene	7.540	77	364284	40.959	ng	97
25) Isophorone	7.781	82	660564	39.224	ng	100
26) 2-Nitrophenol	7.857	139	170696	44.222	ng	98
27) 2,4-Dimethylphenol	7.892	122	307026	39.022	ng	99
28) bis(2-Chloroethoxy)met...	7.987	93	393674	38.989	ng	100
29) 2,4-Dichlorophenol	8.098	162	266947	40.231	ng	99
30) 1,2,4-Trichlorobenzene	8.187	180	281712	39.298	ng	100
31) Naphthalene	8.269	128	922608	39.396	ng	100
32) Benzoic acid	7.987	122	189740	43.370	ng	100
33) 4-Chloroaniline	8.310	127	379789	39.717	ng	100
34) Hexachlorobutadiene	8.392	225	173811	39.691	ng	98
35) Caprolactam	8.675	113	83668	41.728	ng	98
36) 4-Chloro-3-methylphenol	8.787	107	286577	39.736	ng	98
37) 2-Methylnaphthalene	8.957	142	558861	39.216	ng	100
38) 1-Methylnaphthalene	9.057	142	579800	39.510	ng	100
40) 1,2,4,5-Tetrachloroben...	9.128	216	276101	38.747	ng	99
41) Hexachlorocyclopentadiene	9.116	237	183333	39.541	ng	99
43) 2,4,6-Trichlorophenol	9.234	196	192759	39.086	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
 Data File : BF143189.D
 Acq On : 22 Jul 2025 15:23
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jul 22 15:54:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

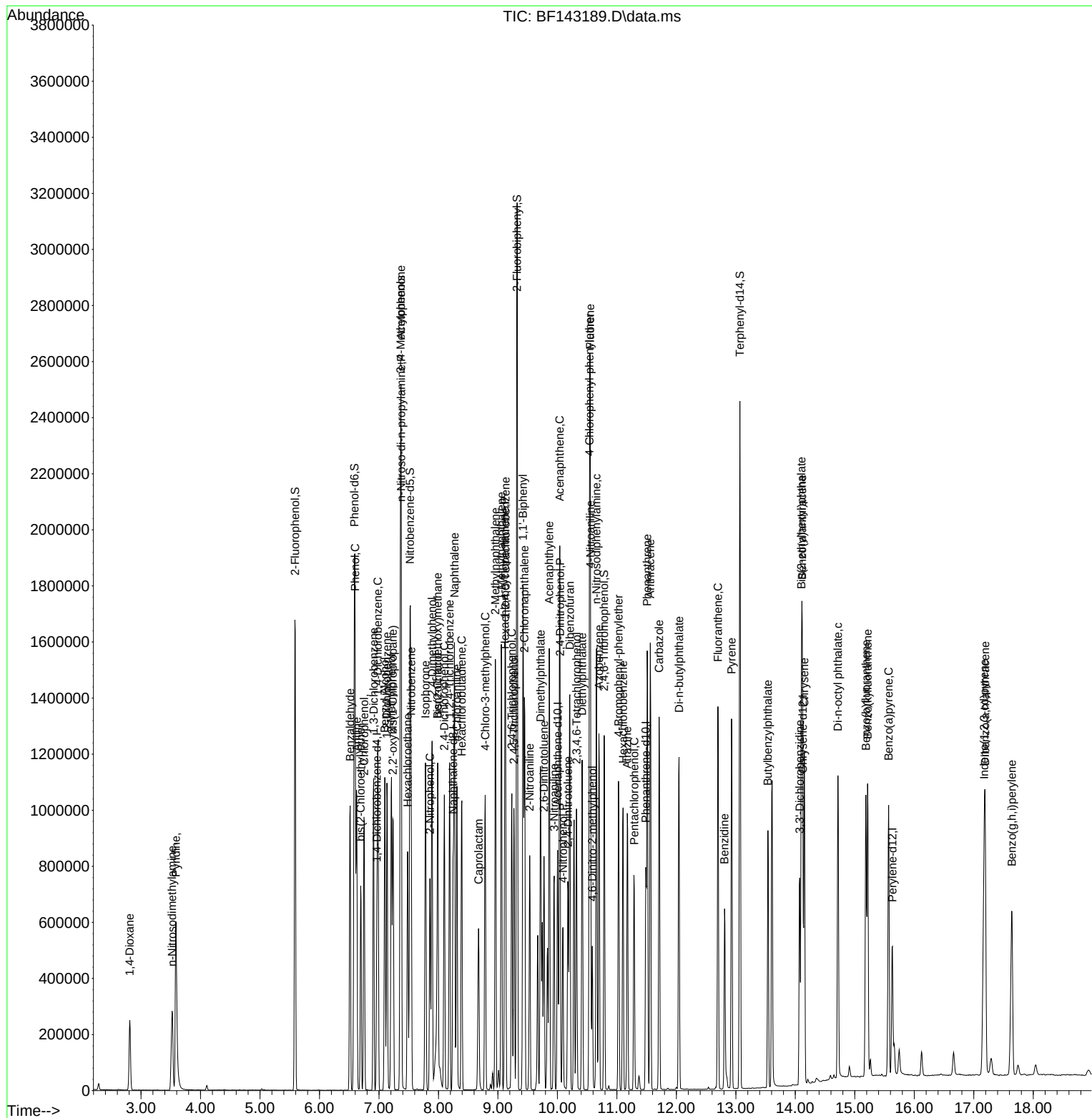
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	198731	40.285	ng	98
46) 1,1'-Biphenyl	9.422	154	754285	39.171	ng	99
47) 2-Chloronaphthalene	9.445	162	551856	38.731	ng	100
48) 2-Nitroaniline	9.534	65	190970	42.740	ng	98
49) Acenaphthylene	9.863	152	934478	39.136	ng	100
50) Dimethylphthalate	9.716	163	629874	39.152	ng	100
51) 2,6-Dinitrotoluene	9.775	165	136310	41.650	ng	98
52) Acenaphthene	10.039	154	556618	39.440	ng	97
53) 3-Nitroaniline	9.945	138	157487	41.140	ng	98
54) 2,4-Dinitrophenol	10.045	184	60068	43.787	ng	78
55) Dibenzofuran	10.210	168	814014	38.849	ng	99
56) 4-Nitrophenol	10.092	139	115153	40.283	ng	100
57) 2,4-Dinitrotoluene	10.181	165	177050	43.119	ng	93
58) Fluorene	10.551	166	603434	38.372	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	166321	40.701	ng	100
60) Diethylphthalate	10.416	149	619966	38.988	ng	100
61) 4-Chlorophenyl-phenyle...	10.539	204	302855	38.676	ng	99
62) 4-Nitroaniline	10.557	138	135159	41.196	ng	99
63) Azobenzene	10.698	77	636485	38.405	ng	99
65) 4,6-Dinitro-2-methylph...	10.586	198	84461	41.582	ng	98
66) n-Nitrosodiphenylamine	10.657	169	539169	38.742	ng	99
67) 4-Bromophenyl-phenylether	11.028	248	185567	39.399	ng	99
68) Hexachlorobenzene	11.104	284	190328	38.662	ng	98
69) Atrazine	11.175	200	156196	40.711	ng	99
70) Pentachlorophenol	11.292	266	122659	42.369	ng	99
71) Phenanthrene	11.510	178	822568	39.198	ng	99
72) Anthracene	11.563	178	843171	39.397	ng	99
73) Carbazole	11.710	167	745732	39.904	ng	99
74) Di-n-butylphthalate	12.045	149	849173	40.158	ng	99
75) Fluoranthene	12.698	202	766621	39.801	ng	99
77) Benzidine	12.810	184	371006	40.991	ng	99
78) Pyrene	12.927	202	764286	38.120	ng	100
80) Butylbenzylphthalate	13.539	149	286273	46.629	ng	100
81) Benzo(a)anthracene	14.116	228	616503	39.198	ng	99
82) 3,3'-Dichlorobenzidine	14.074	252	225253	42.971	ng	99
83) Chrysene	14.151	228	568603	40.210	ng	99
84) Bis(2-ethylhexyl)phtha...	14.104	149	410770	44.204	ng	99
85) Di-n-octyl phthalate	14.716	149	715376	42.471	ng	# 100
87) Indeno(1,2,3-cd)pyrene	17.174	276	700038	36.972	ng	99
88) Benzo(b)fluoranthene	15.186	252	669179	40.793	ng	100
89) Benzo(k)fluoranthene	15.216	252	536517	36.651	ng	99
90) Benzo(a)pyrene	15.568	252	598833	39.621	ng	99
91) Dibenzo(a,h)anthracene	17.192	278	567481	36.822	ng	99
92) Benzo(g,h,i)perylene	17.639	276	548789	36.812	ng	99

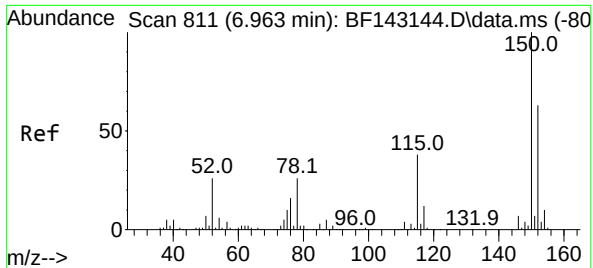
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143189.D
Acq On : 22 Jul 2025 15:23
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jul 22 15:54:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

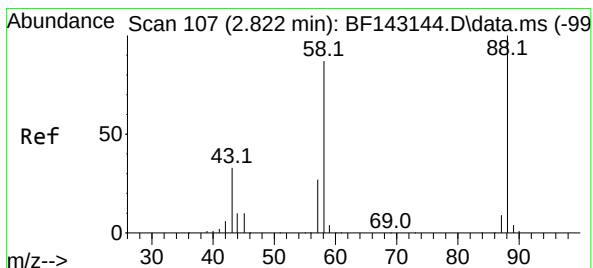
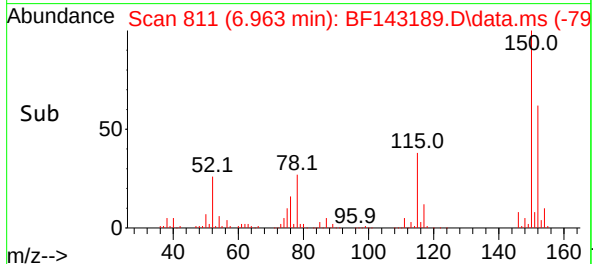
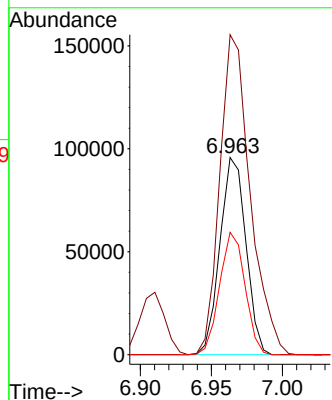
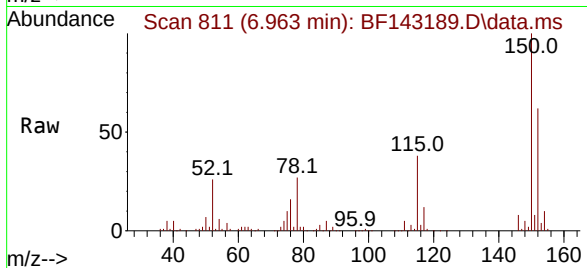




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

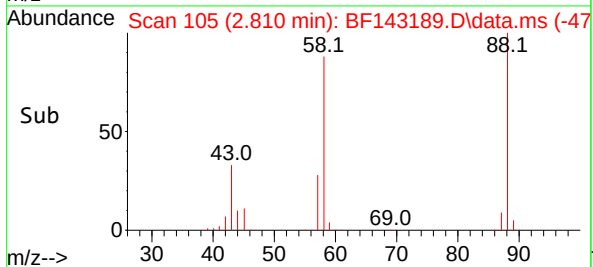
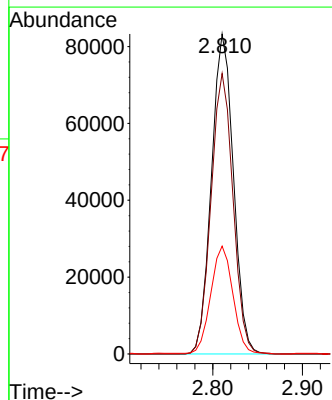
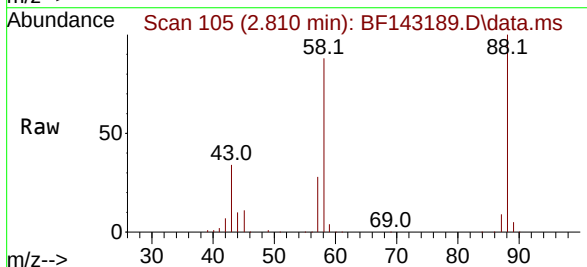
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

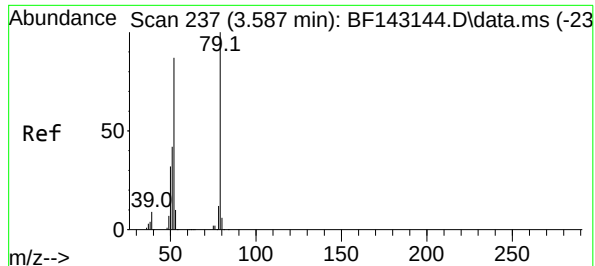
Tgt Ion:152 Resp: 121745
Ion Ratio Lower Upper
152 100
150 162.3 128.2 192.4
115 62.1 47.9 71.9



#2
1,4-Dioxane
Concen: 38.959 ng
RT: 2.810 min Scan# 105
Delta R.T. -0.012 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion: 88 Resp: 141823
Ion Ratio Lower Upper
88 100
58 87.4 70.2 105.2
43 34.1 27.1 40.7





#3

Pyridine

Concen: 39.351 ng

RT: 3.587 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF143189.D

Acq: 22 Jul 2025 15:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

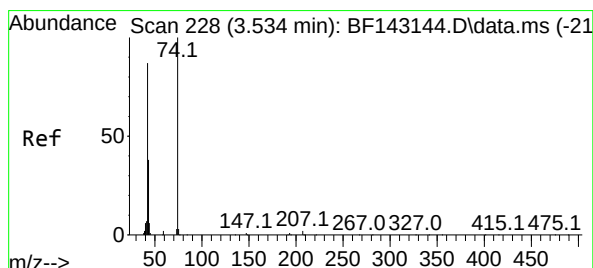
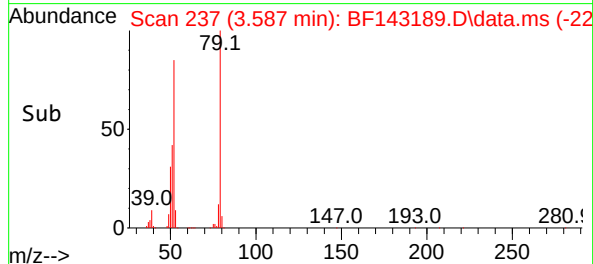
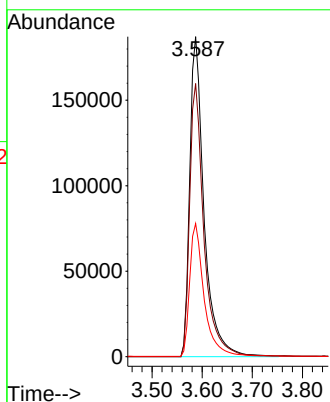
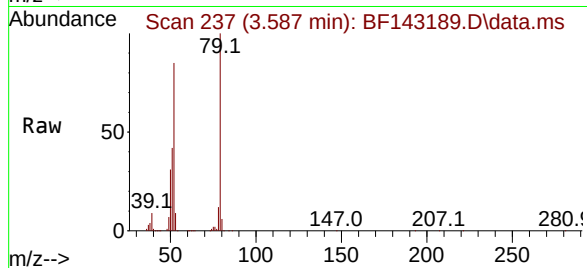
Tgt Ion: 79 Resp: 371810

Ion Ratio Lower Upper

79 100

52 85.3 69.4 104.2

51 41.6 33.5 50.3



#4

n-Nitrosodimethylamine

Concen: 40.224 ng

RT: 3.522 min Scan# 226

Delta R.T. -0.012 min

Lab File: BF143189.D

Acq: 22 Jul 2025 15:23

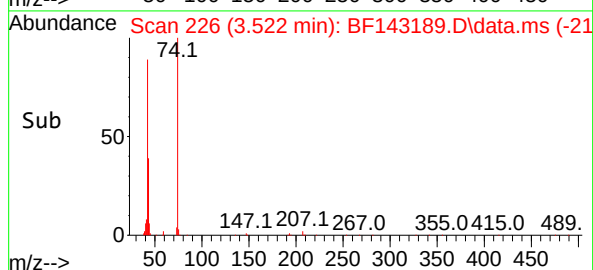
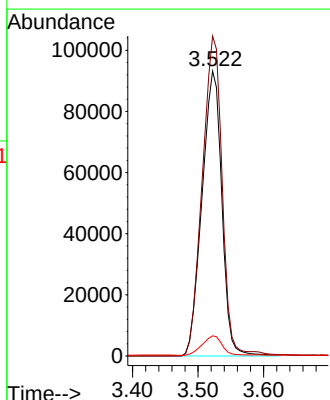
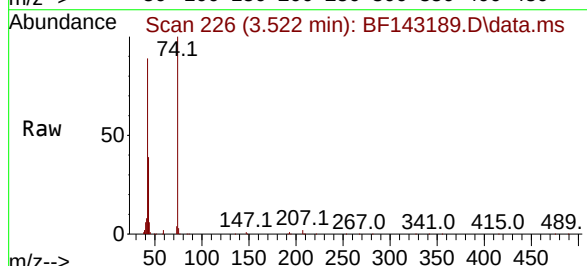
Tgt Ion: 42 Resp: 196228

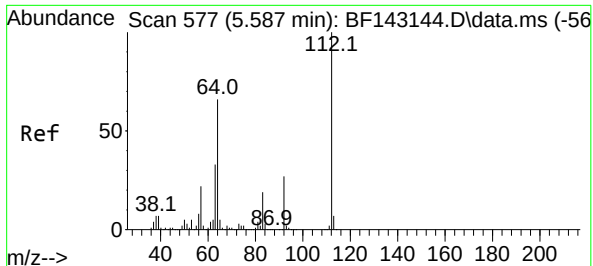
Ion Ratio Lower Upper

42 100

74 112.3 91.7 137.5

44 7.1 5.6 8.4

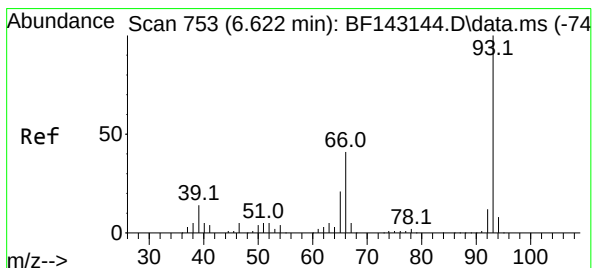
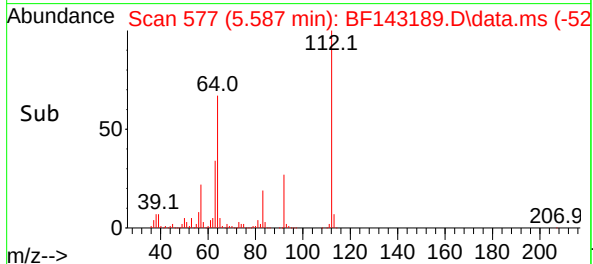
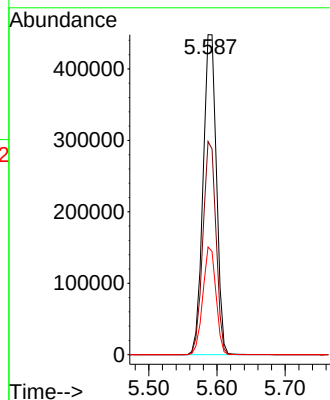
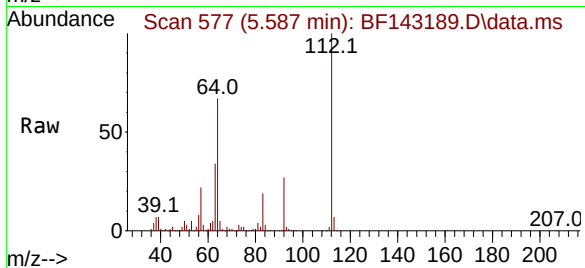




#5
2-Fluorophenol
Concen: 79.198 ng
RT: 5.587 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

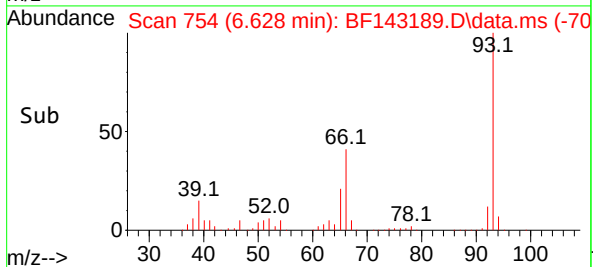
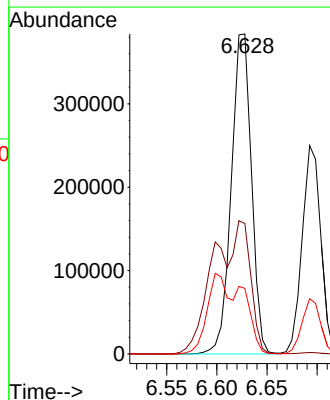
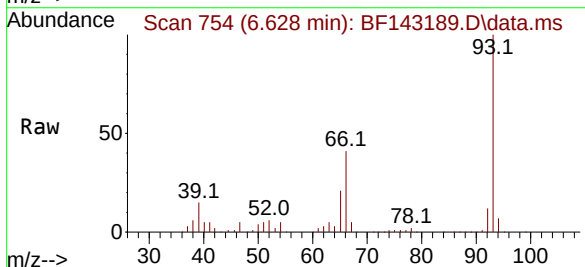
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

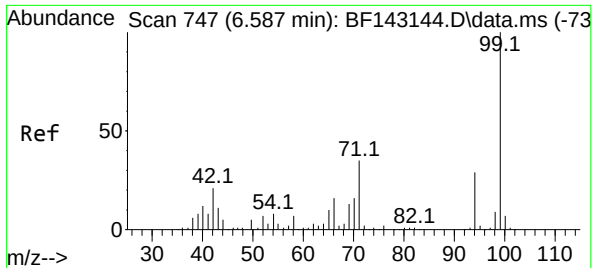
Tgt Ion:112 Resp: 609302
Ion Ratio Lower Upper
112 100
64 66.6 53.1 79.7
63 33.7 26.6 40.0



#6
Aniline
Concen: 39.865 ng
RT: 6.628 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion: 93 Resp: 538010
Ion Ratio Lower Upper
93 100
66 40.8 33.2 49.8
65 20.5 16.9 25.3

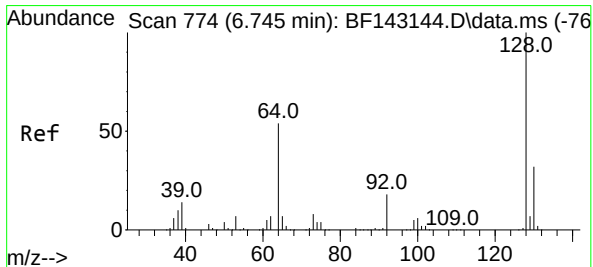
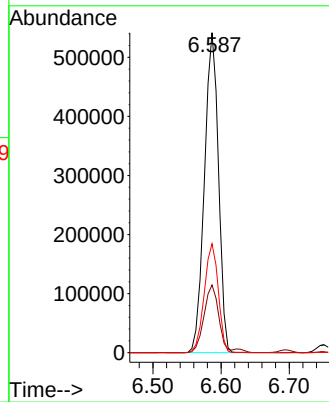
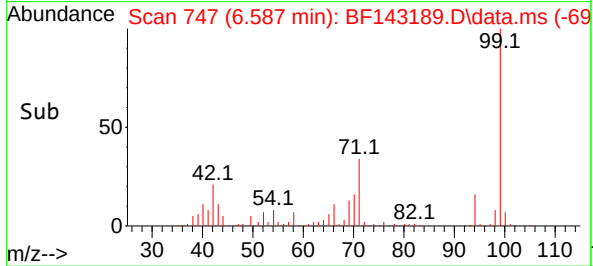
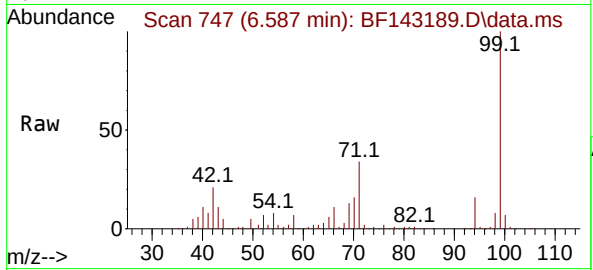




#7
Phenol-d6
Concen: 80.055 ng
RT: 6.587 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

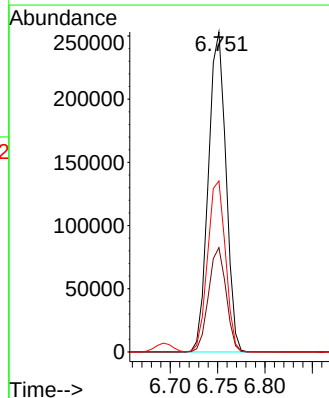
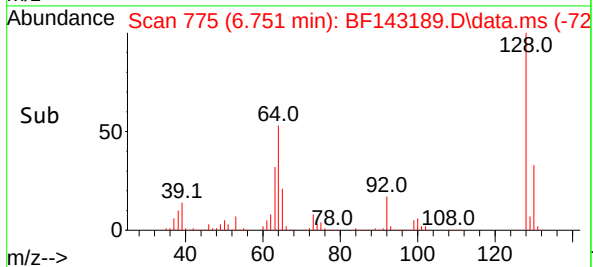
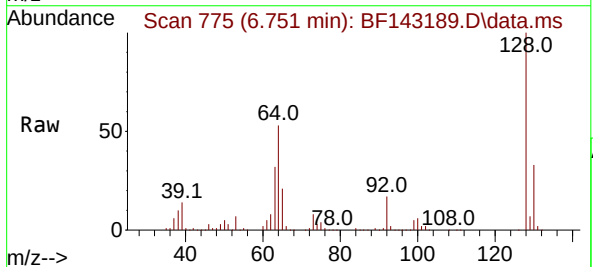
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

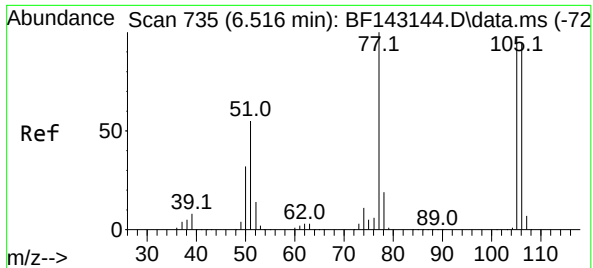
Tgt Ion: 99 Resp: 775213
Ion Ratio Lower Upper
99 100
42 21.2 17.0 25.6
71 34.1 27.7 41.5



#8
2-Chlorophenol
Concen: 40.492 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion: 128 Resp: 326533
Ion Ratio Lower Upper
128 100
130 32.6 12.3 52.3
64 53.5 35.9 75.9

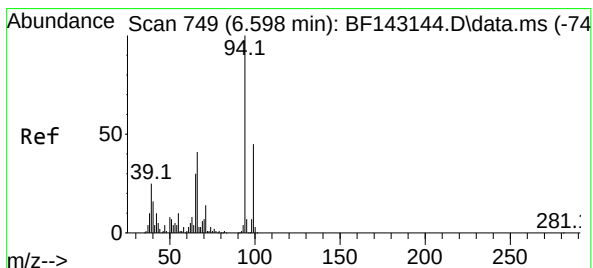
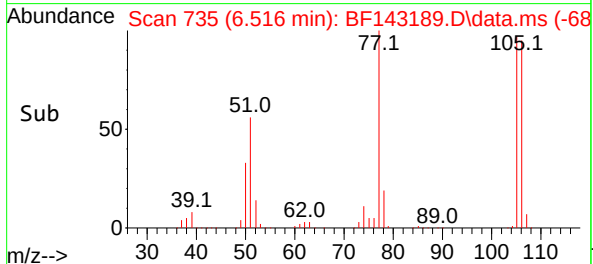
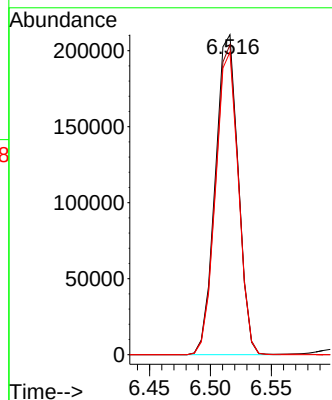
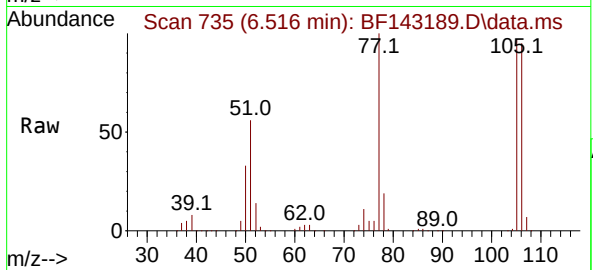




#9
Benzaldehyde
Concen: 37.926 ng
RT: 6.516 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

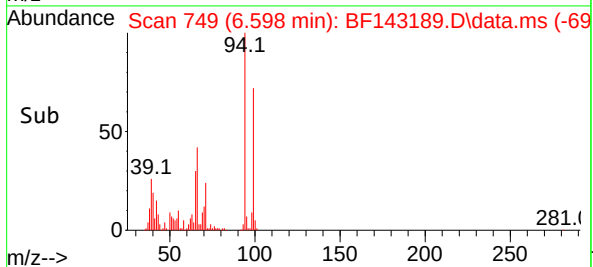
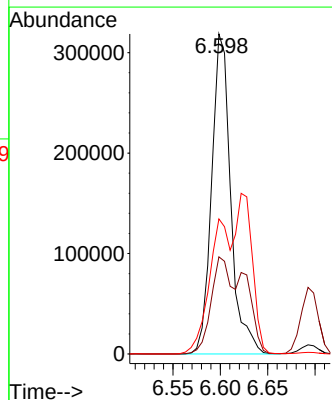
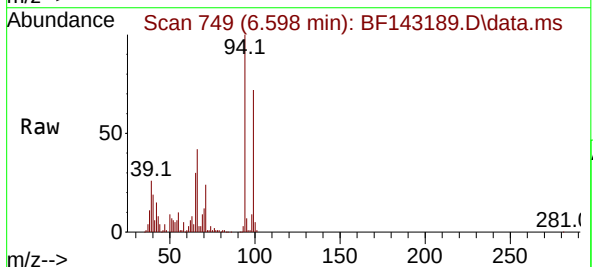
Instrument :
BNA_F
ClientSampleId :
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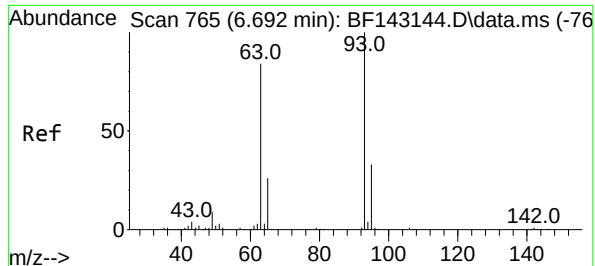
Tgt Ion: 77 Resp: 275389
Ion Ratio Lower Upper
77 100
105 96.8 76.8 116.8
106 94.5 74.4 114.4



#10
Phenol
Concen: 42.211 ng
RT: 6.598 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion: 94 Resp: 445290
Ion Ratio Lower Upper
94 100
65 30.3 10.0 50.0
66 42.2 20.8 60.8





#11

bis(2-Chloroethyl)ether

Concen: 39.634 ng

RT: 6.693 min Scan# 70

Delta R.T. 0.000 min

Lab File: BF143189.D

Acq: 22 Jul 2025 15:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

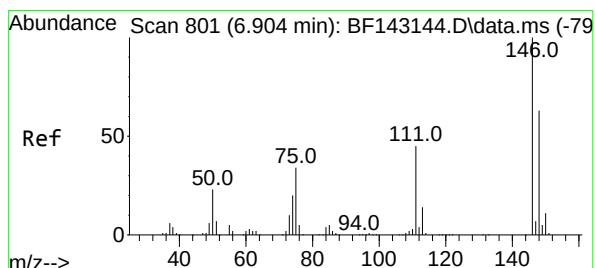
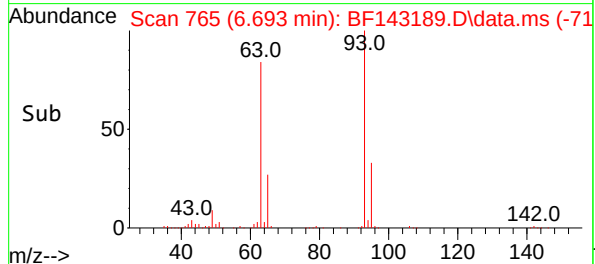
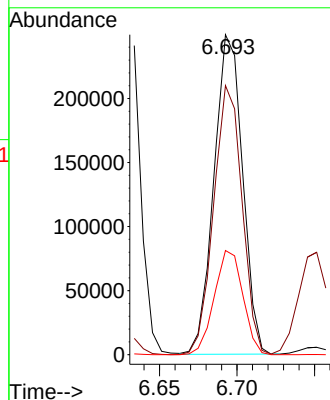
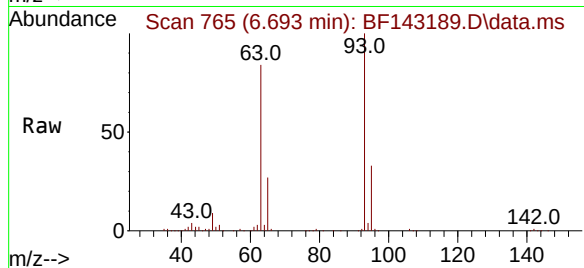
Tgt Ion: 93 Resp: 320130

Ion Ratio Lower Upper

93 100

63 84.1 63.4 103.4

95 32.6 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 39.797 ng

RT: 6.910 min Scan# 802

Delta R.T. 0.006 min

Lab File: BF143189.D

Acq: 22 Jul 2025 15:23

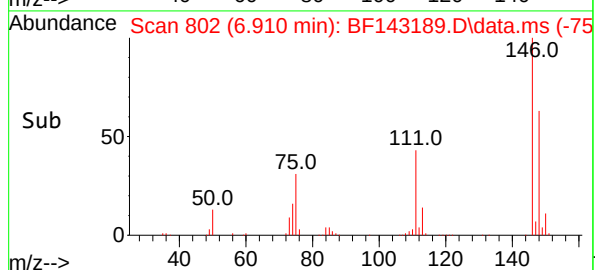
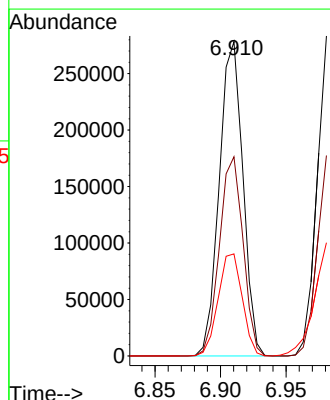
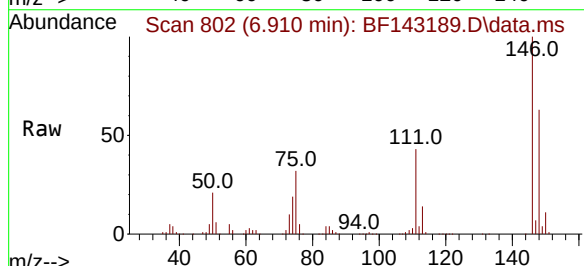
Tgt Ion:146 Resp: 348639

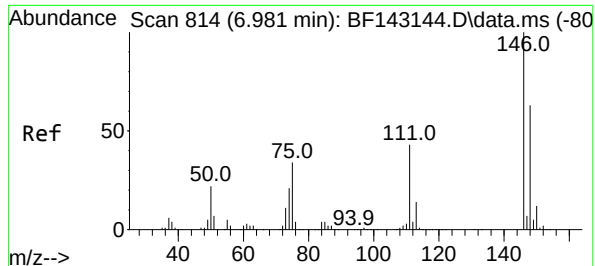
Ion Ratio Lower Upper

146 100

148 63.4 50.6 76.0

75 32.5 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 40.163 ng

RT: 6.981 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF143189.D

Acq: 22 Jul 2025 15:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

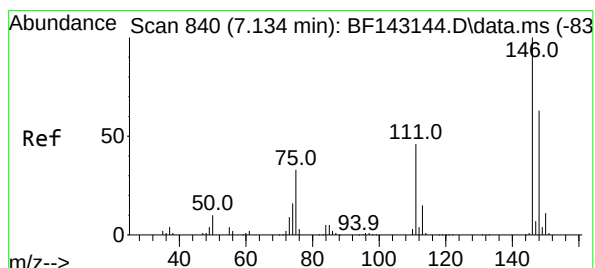
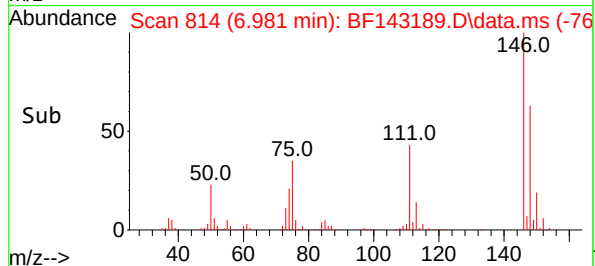
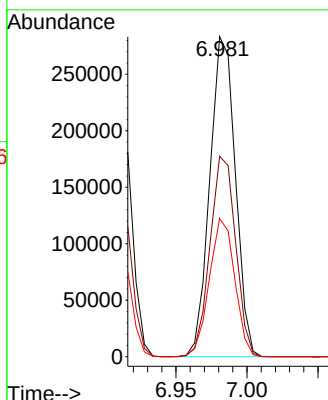
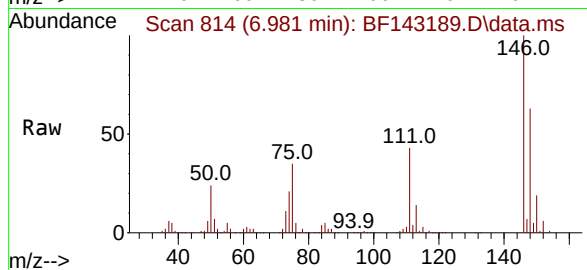
Tgt Ion:146 Resp: 354325

Ion Ratio Lower Upper

146 100

148 62.6 50.3 75.5

111 43.2 34.4 51.6



#14

1,2-Dichlorobenzene

Concen: 40.476 ng

RT: 7.134 min Scan# 840

Delta R.T. 0.000 min

Lab File: BF143189.D

Acq: 22 Jul 2025 15:23

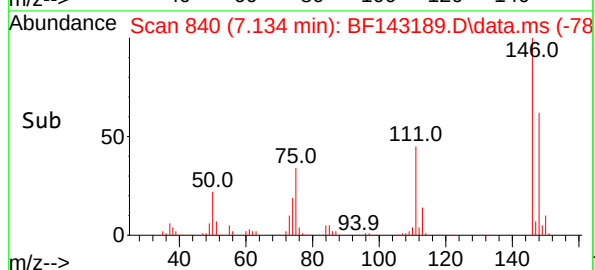
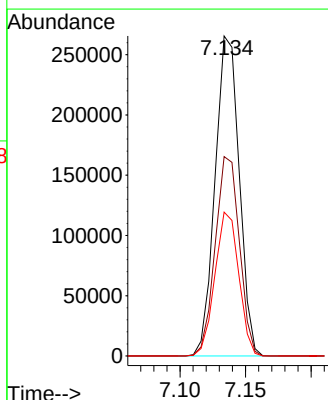
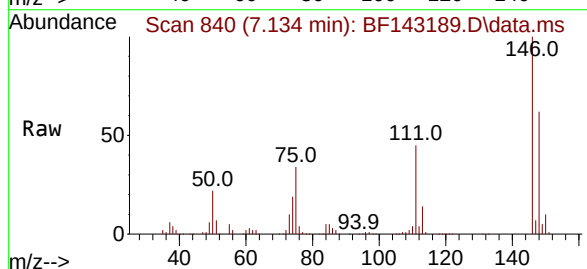
Tgt Ion:146 Resp: 339632

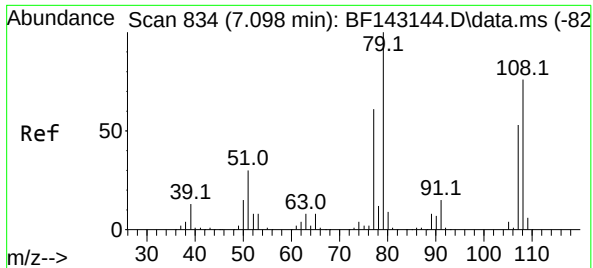
Ion Ratio Lower Upper

146 100

148 62.3 50.7 76.1

111 45.0 36.6 54.8





#15

Benzyl Alcohol

Concen: 40.831 ng

RT: 7.098 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF143189.D

Acq: 22 Jul 2025 15:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

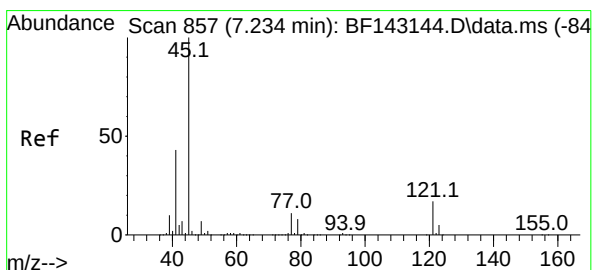
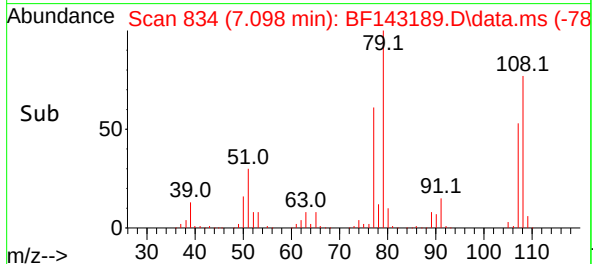
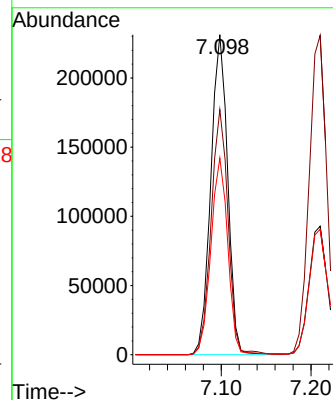
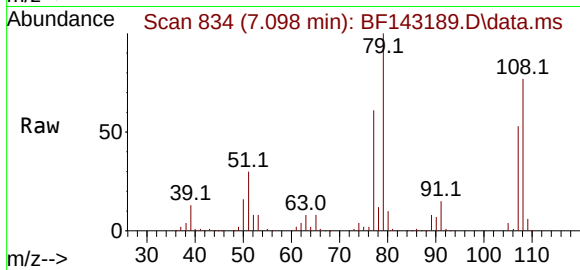
Tgt Ion: 79 Resp: 301897

Ion Ratio Lower Upper

79 100

108 76.6 61.1 91.7

77 61.4 48.9 73.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.459 ng

RT: 7.234 min Scan# 857

Delta R.T. 0.000 min

Lab File: BF143189.D

Acq: 22 Jul 2025 15:23

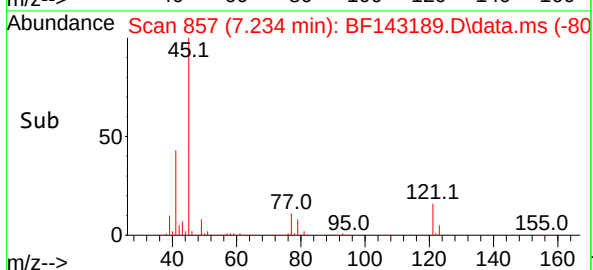
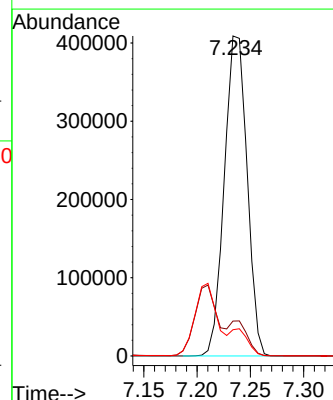
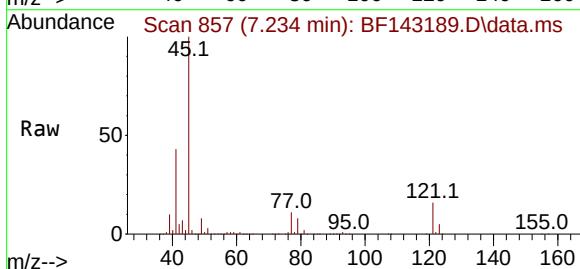
Tgt Ion: 45 Resp: 606219

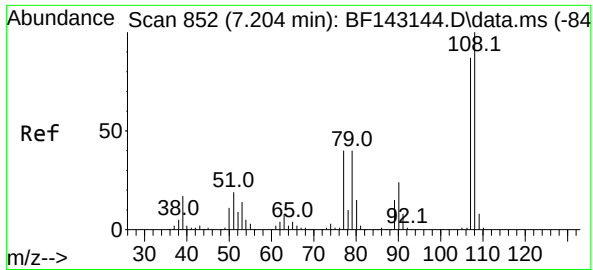
Ion Ratio Lower Upper

45 100

77 10.9 0.0 31.2

79 8.2 0.0 28.5

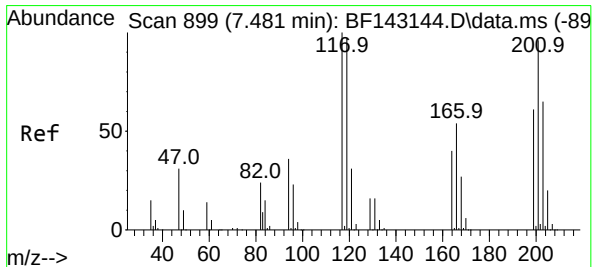
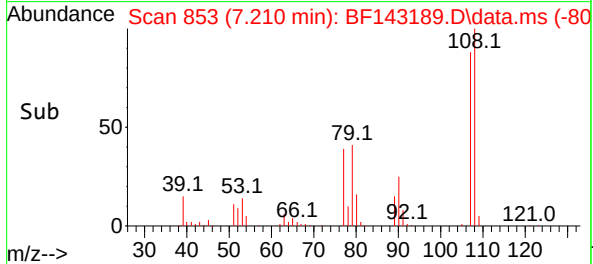
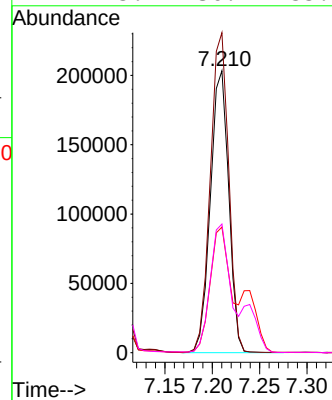
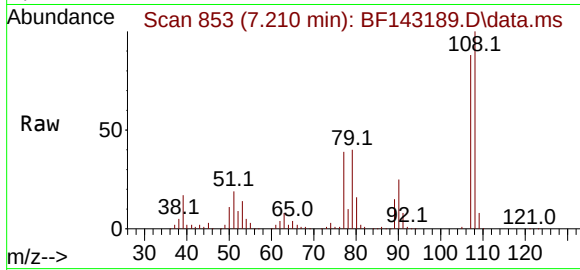




#17
2-Methylphenol
Concen: 40.419 ng
RT: 7.210 min Scan# 853
Delta R.T. 0.006 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

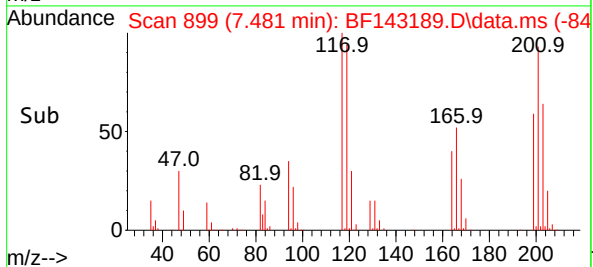
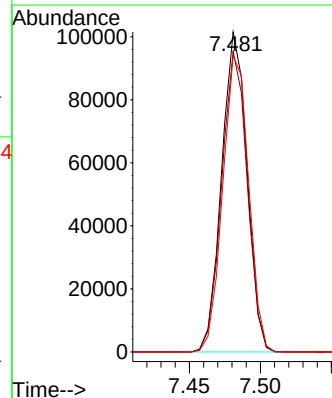
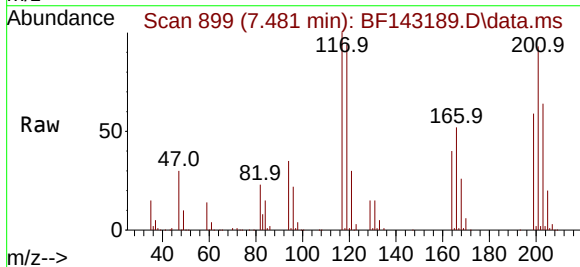
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

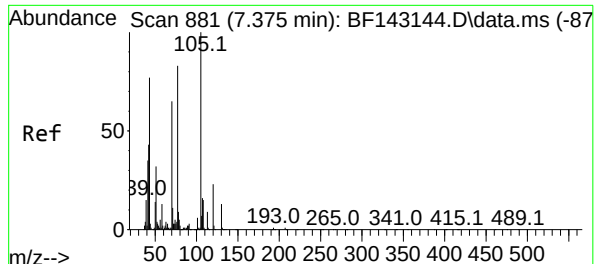
Tgt Ion:	107	Resp:	274065
Ion	Ratio	Lower	Upper
107	100		
108	113.5	91.8	137.6
77	44.6	37.0	55.6
79	45.7	36.9	55.3



#18
Hexachloroethane
Concen: 41.338 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion:	117	Resp:	126249
Ion	Ratio	Lower	Upper
117	100		
119	94.0	77.8	116.8
201	92.6	77.0	115.4





#19

n-Nitroso-di-n-propylamine

Concen: 38.965 ng

RT: 7.375 min Scan# 881

Delta R.T. 0.000 min

Lab File: BF143189.D

Acq: 22 Jul 2025 15:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 242073

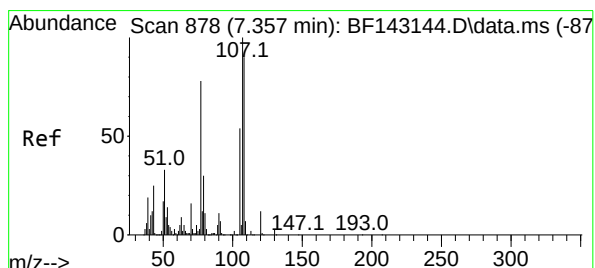
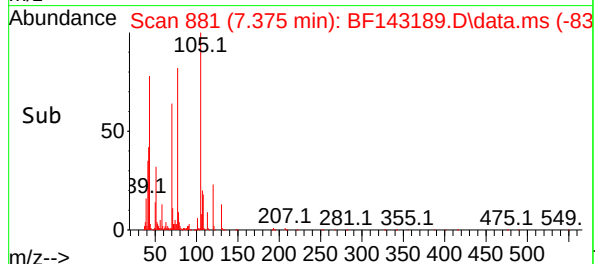
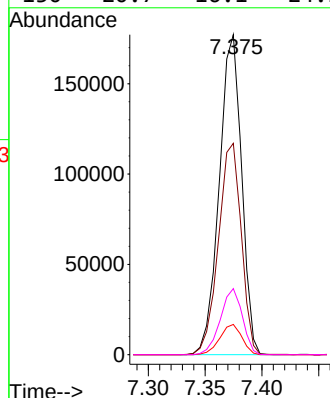
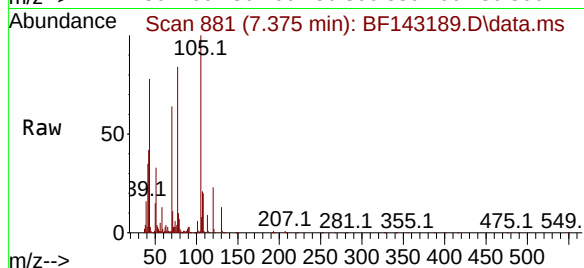
Ion Ratio Lower Upper

70 100

42 66.1 52.5 78.7

101 9.5 7.6 11.4

130 20.7 16.1 24.1



#20

3+4-Methylphenols

Concen: 41.359 ng

RT: 7.363 min Scan# 879

Delta R.T. 0.006 min

Lab File: BF143189.D

Acq: 22 Jul 2025 15:23

Tgt Ion: 107 Resp: 340248

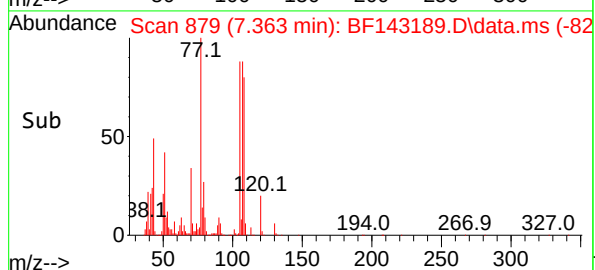
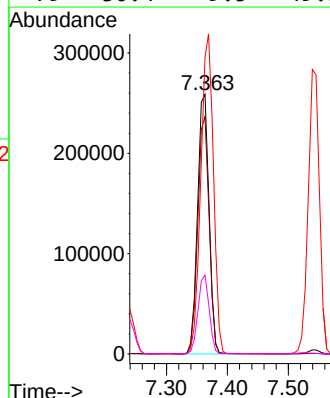
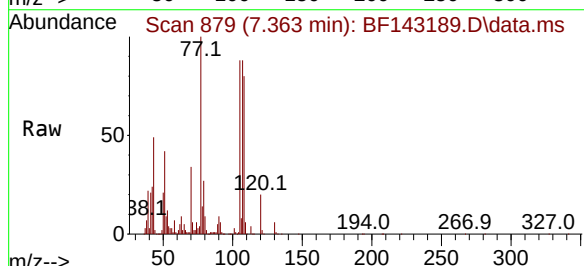
Ion Ratio Lower Upper

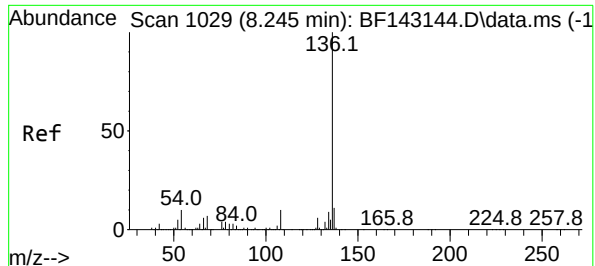
107 100

108 91.4 70.0 110.0

77 114.3 57.8 97.8#

79 30.4 9.5 49.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.245 min Scan# 1029

Delta R.T. 0.000 min

Lab File: BF143189.D

Acq: 22 Jul 2025 15:23

Instrument :

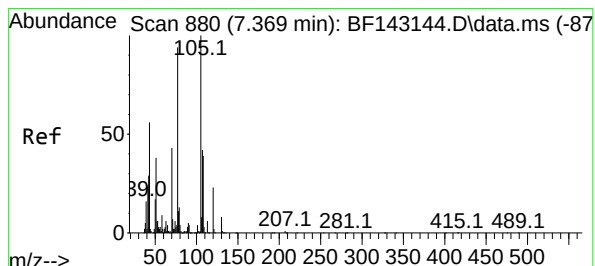
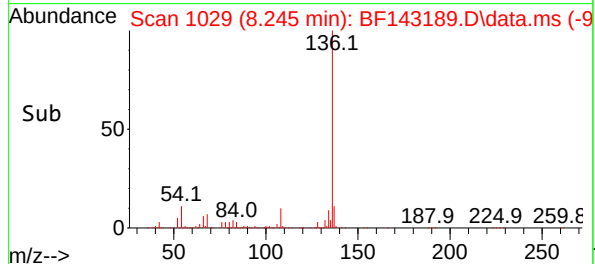
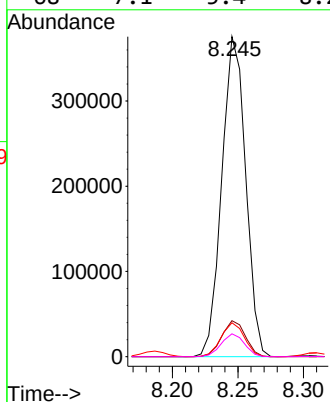
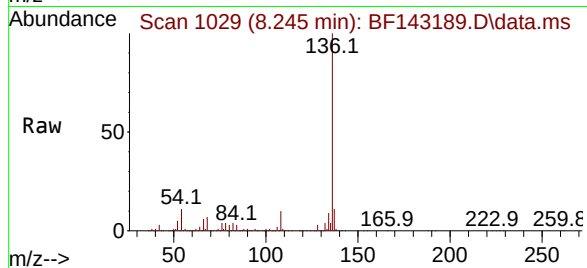
BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 475525

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	10.6	8.2	12.2
68	7.1	5.4	8.2



#22

Acetophenone

Concen: 38.999 ng

RT: 7.369 min Scan# 880

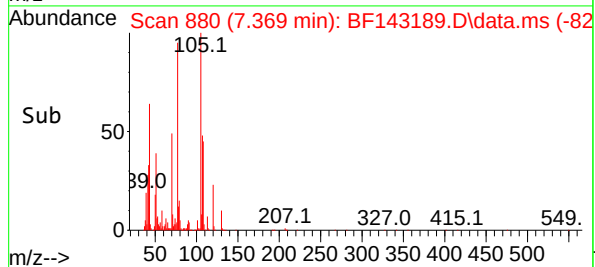
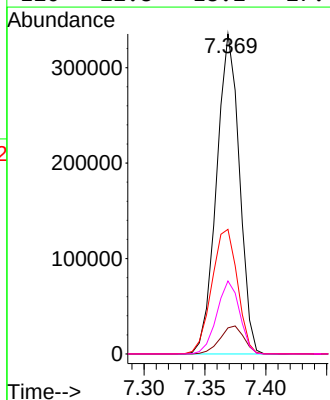
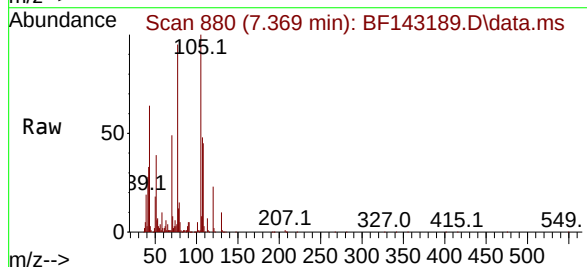
Delta R.T. 0.000 min

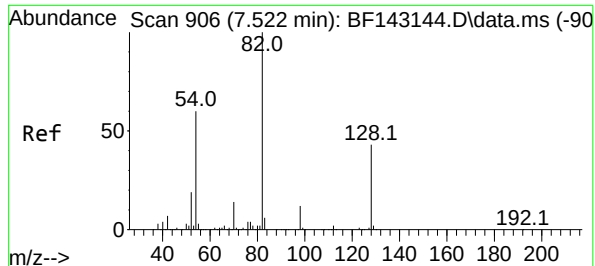
Lab File: BF143189.D

Acq: 22 Jul 2025 15:23

Tgt Ion:105 Resp: 439058

Ion	Ratio	Lower	Upper
105	100		
71	8.2	5.8	8.6
51	39.0	30.2	45.2
120	22.8	18.2	27.4





#23

Nitrobenzene-d5

Concen: 81.266 ng

RT: 7.522 min Scan# 906

Delta R.T. 0.000 min

Lab File: BF143189.D

Acq: 22 Jul 2025 15:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

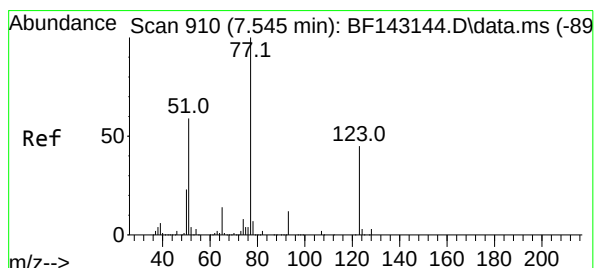
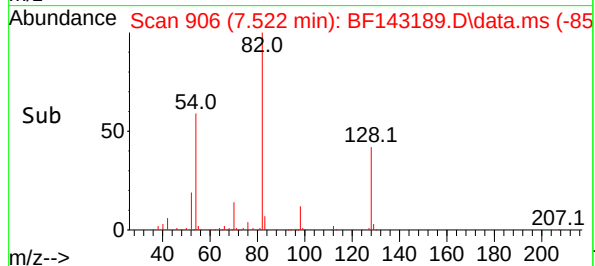
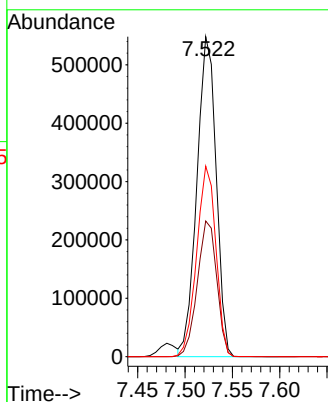
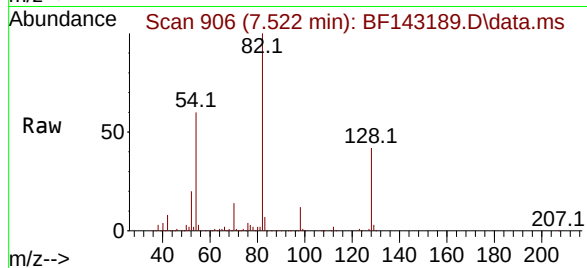
Tgt Ion: 82 Resp: 775249

Ion Ratio Lower Upper

82 100

128 42.4 33.6 50.4

54 59.6 47.1 70.7



#24

Nitrobenzene

Concen: 40.959 ng

RT: 7.540 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF143189.D

Acq: 22 Jul 2025 15:23

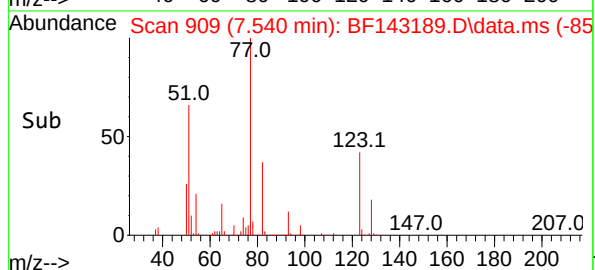
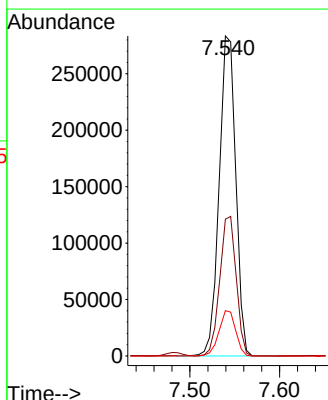
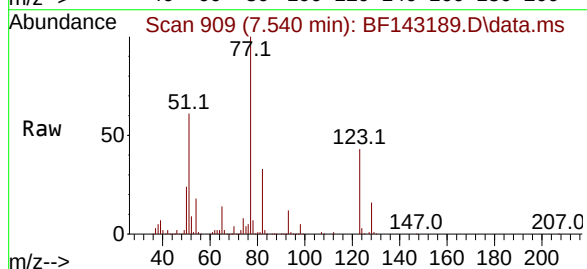
Tgt Ion: 77 Resp: 364284

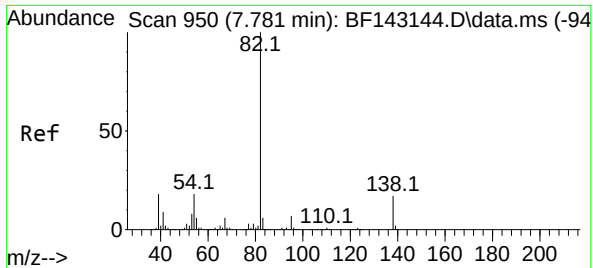
Ion Ratio Lower Upper

77 100

123 42.8 36.1 54.1

65 14.1 11.4 17.2





#25

Isophorone

Concen: 39.224 ng

RT: 7.781 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF143189.D

Acq: 22 Jul 2025 15:23

Instrument :

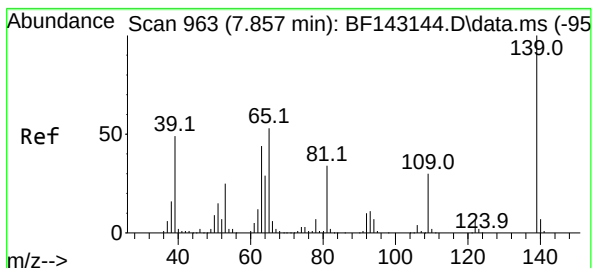
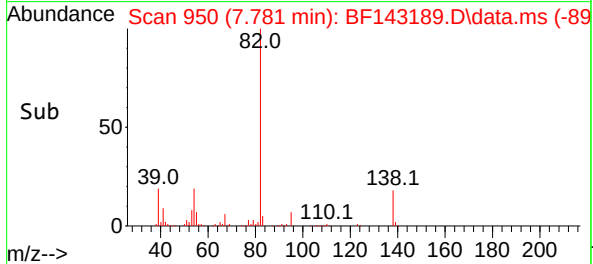
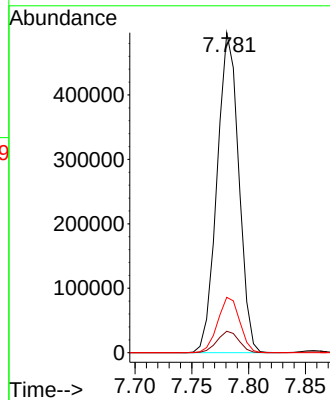
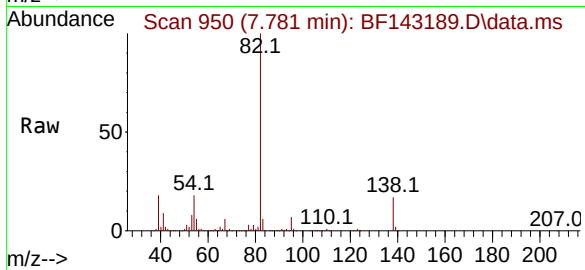
BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 660564

Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.5	8.3
138	17.3	13.8	20.8



#26

2-Nitrophenol

Concen: 44.222 ng

RT: 7.857 min Scan# 963

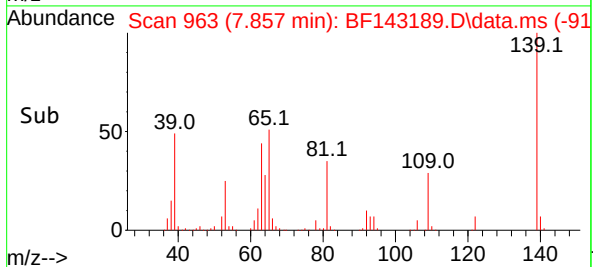
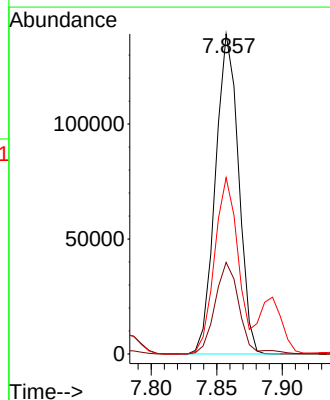
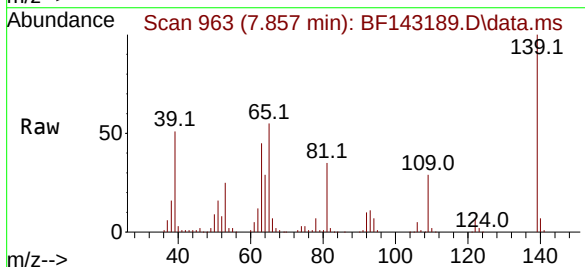
Delta R.T. 0.000 min

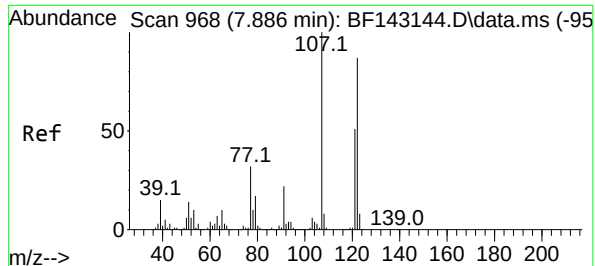
Lab File: BF143189.D

Acq: 22 Jul 2025 15:23

Tgt Ion: 139 Resp: 170696

Ion	Ratio	Lower	Upper
139	100		
109	28.6	23.6	35.4
65	55.1	42.6	64.0





#27

2,4-Dimethylphenol

Concen: 39.022 ng

RT: 7.892 min Scan# 968

Delta R.T. 0.006 min

Lab File: BF143189.D

Acq: 22 Jul 2025 15:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

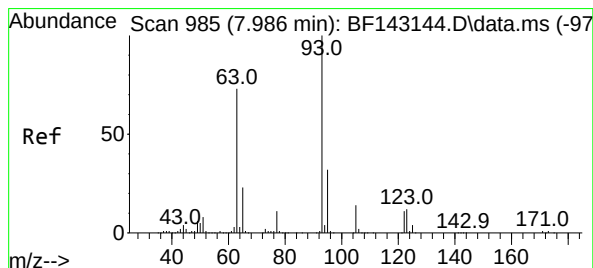
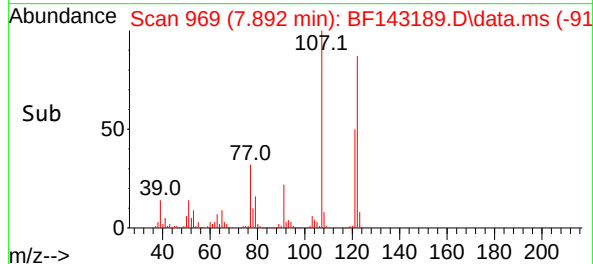
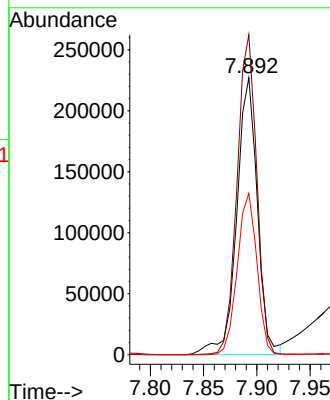
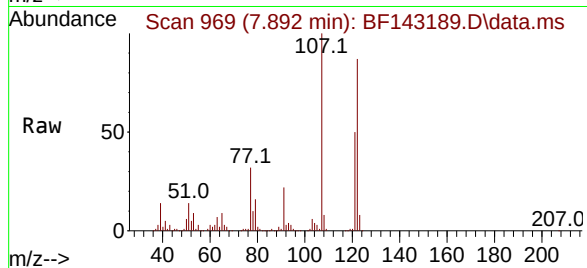
Tgt Ion:122 Resp: 307026

Ion Ratio Lower Upper

122 100

107 115.6 91.8 137.6

121 58.3 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 38.989 ng

RT: 7.987 min Scan# 985

Delta R.T. 0.000 min

Lab File: BF143189.D

Acq: 22 Jul 2025 15:23

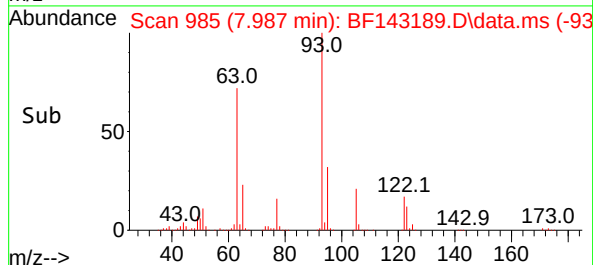
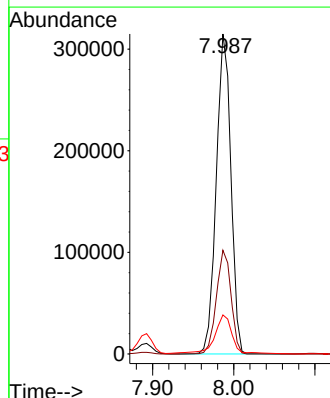
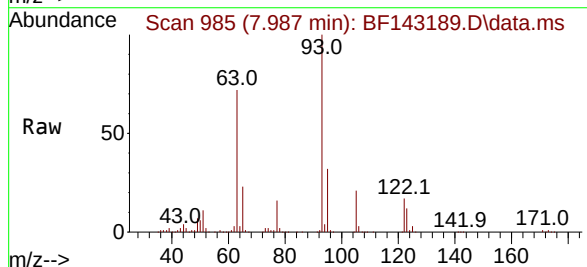
Tgt Ion: 93 Resp: 393674

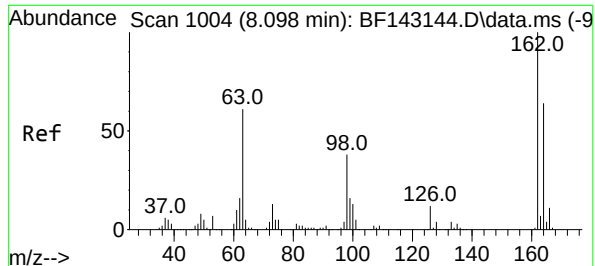
Ion Ratio Lower Upper

93 100

95 32.4 25.8 38.6

123 12.2 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 40.231 ng

RT: 8.098 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BF143189.D

Acq: 22 Jul 2025 15:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

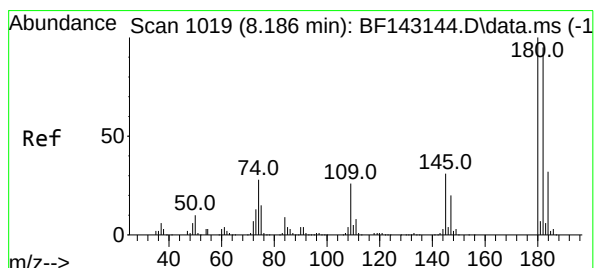
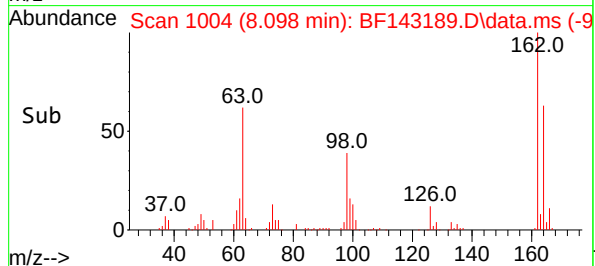
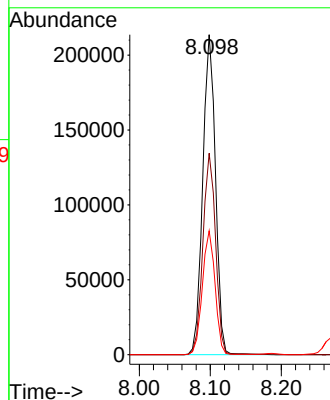
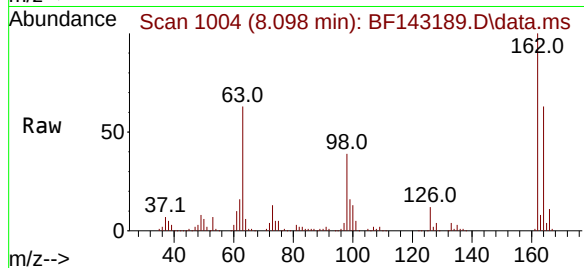
Tgt Ion:162 Resp: 266947

Ion Ratio Lower Upper

162 100

164 63.0 44.2 84.2

98 38.7 17.9 57.9



#30

1,2,4-Trichlorobenzene

Concen: 39.298 ng

RT: 8.187 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF143189.D

Acq: 22 Jul 2025 15:23

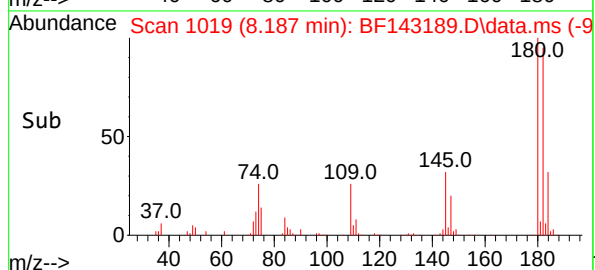
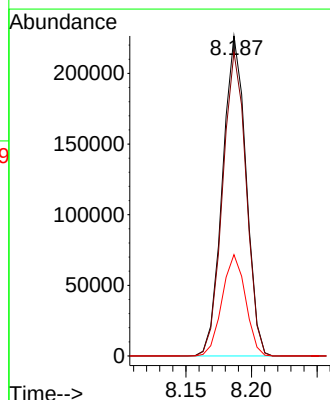
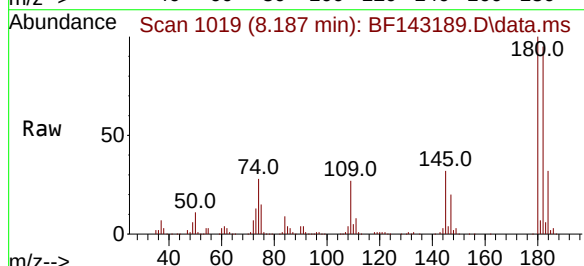
Tgt Ion:180 Resp: 281712

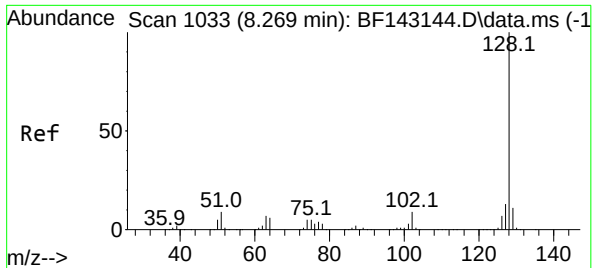
Ion Ratio Lower Upper

180 100

182 94.9 76.2 114.2

145 31.7 25.0 37.6

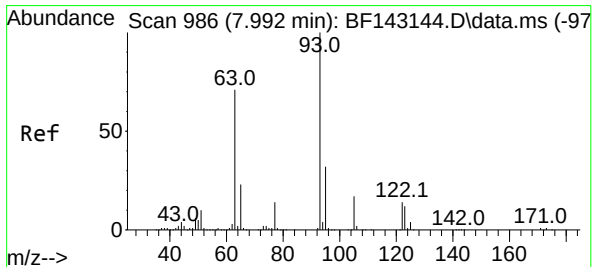
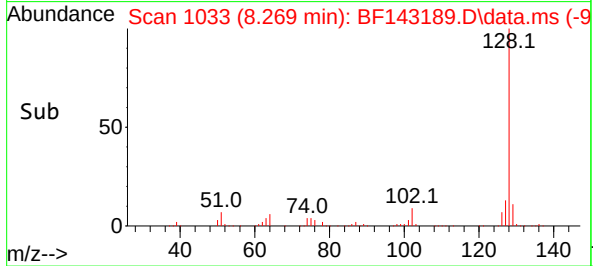
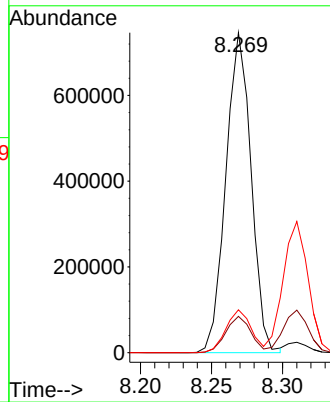
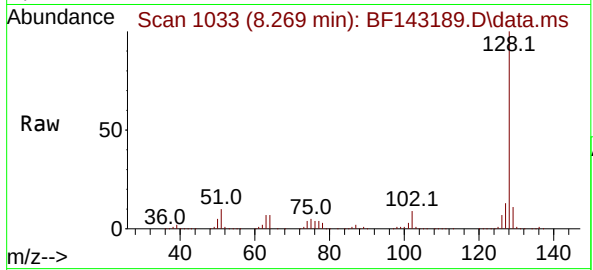




#31
Naphthalene
Concen: 39.396 ng
RT: 8.269 min Scan# 1033
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

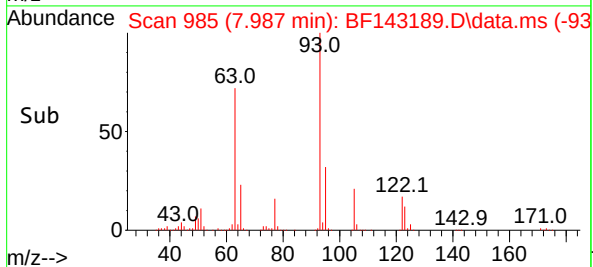
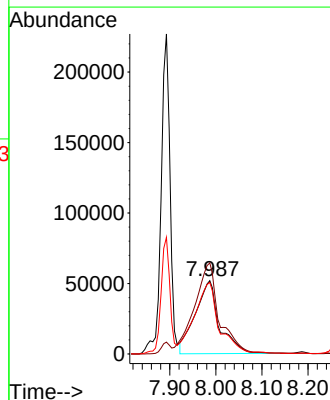
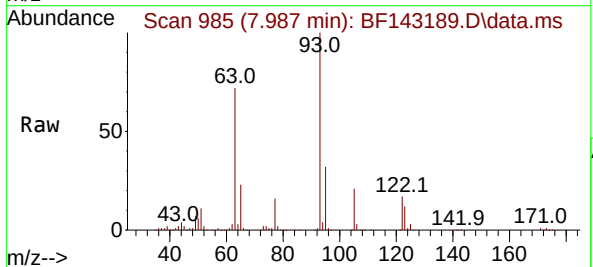
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

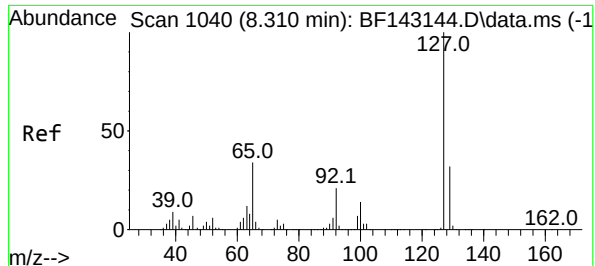
Tgt Ion:128 Resp: 922608
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.4
127 13.4 10.6 16.0



#32
Benzoic acid
Concen: 43.370 ng
RT: 7.987 min Scan# 985
Delta R.T. -0.005 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion:122 Resp: 189740
Ion Ratio Lower Upper
122 100
105 124.3 104.8 144.8
77 97.5 77.6 117.6





#33

4-Chloroaniline

Concen: 39.717 ng

RT: 8.310 min Scan# 1040

Delta R.T. 0.000 min

Lab File: BF143189.D

Acq: 22 Jul 2025 15:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 379789

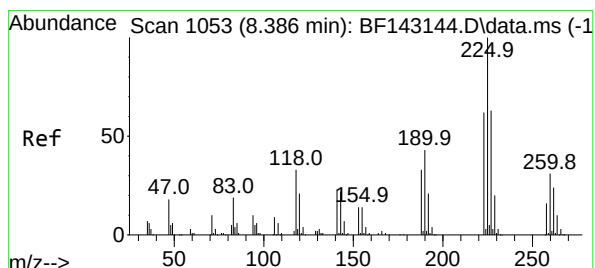
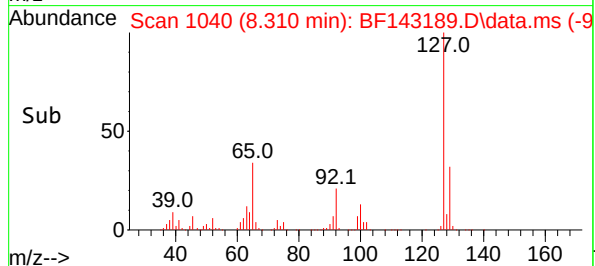
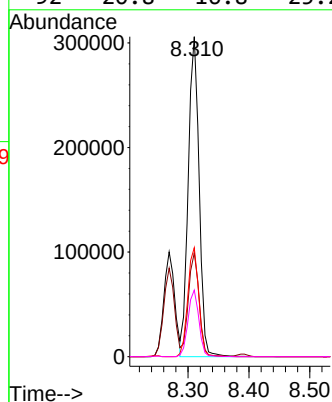
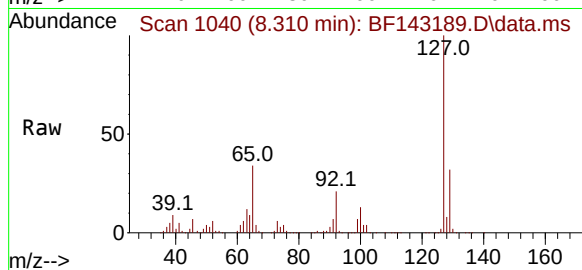
Ion Ratio Lower Upper

127 100

129 32.4 26.0 39.0

65 34.0 27.4 41.2

92 20.8 16.8 25.2



#34

Hexachlorobutadiene

Concen: 39.691 ng

RT: 8.392 min Scan# 1054

Delta R.T. 0.006 min

Lab File: BF143189.D

Acq: 22 Jul 2025 15:23

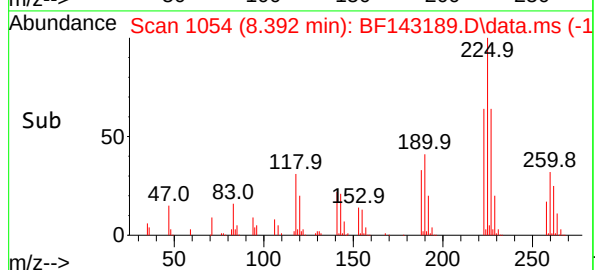
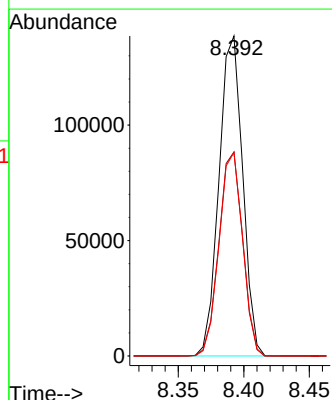
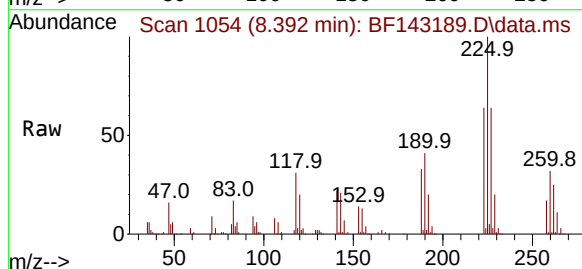
Tgt Ion:225 Resp: 173811

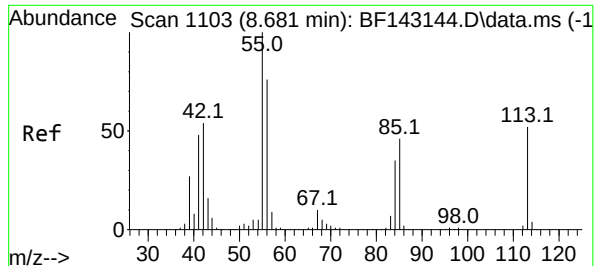
Ion Ratio Lower Upper

225 100

223 63.7 49.8 74.6

227 63.6 50.2 75.4





#35

Caprolactam

Concen: 41.728 ng

RT: 8.675 min Scan# 1102

Delta R.T. -0.006 min

Lab File: BF143189.D

Acq: 22 Jul 2025 15:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

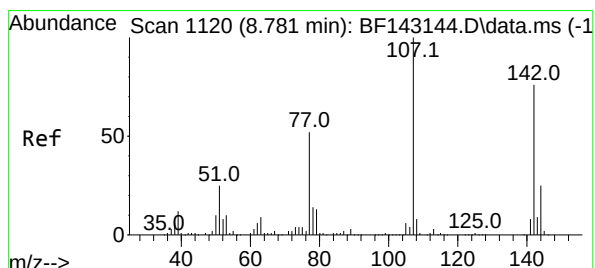
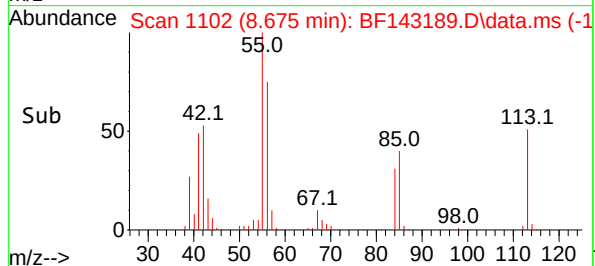
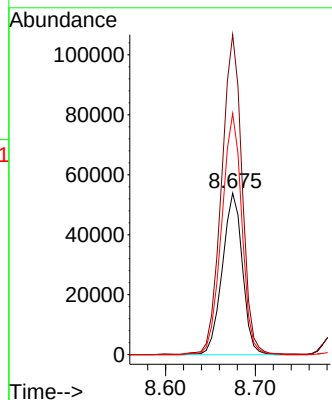
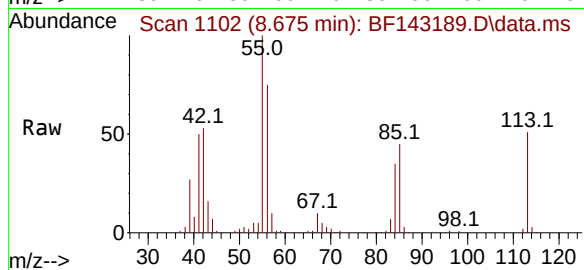
Tgt Ion:113 Resp: 83668

Ion Ratio Lower Upper

113 100

55 198.0 174.0 214.0

56 149.2 126.6 166.6



#36

4-Chloro-3-methylphenol

Concen: 39.736 ng

RT: 8.787 min Scan# 1121

Delta R.T. 0.006 min

Lab File: BF143189.D

Acq: 22 Jul 2025 15:23

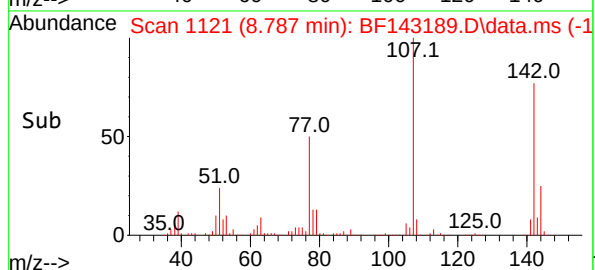
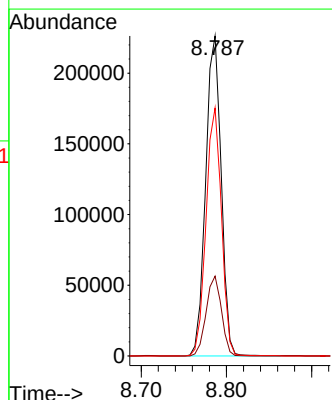
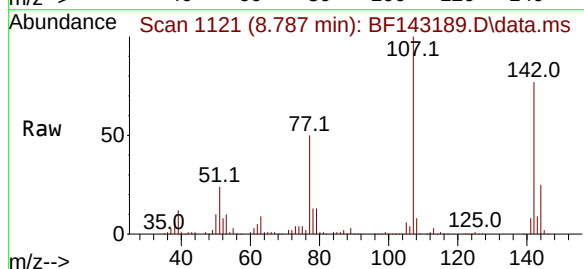
Tgt Ion:107 Resp: 286577

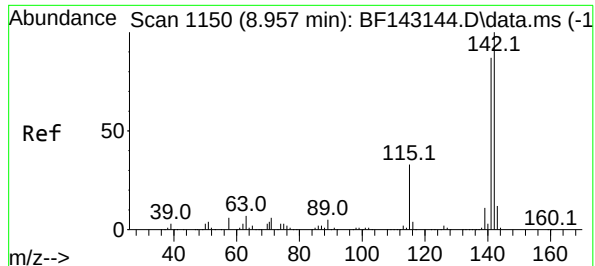
Ion Ratio Lower Upper

107 100

144 25.0 19.8 29.6

142 77.5 60.6 90.8





#37

2-Methylnaphthalene

Concen: 39.216 ng

RT: 8.957 min Scan# 1150

Delta R.T. 0.000 min

Lab File: BF143189.D

Acq: 22 Jul 2025 15:23

Instrument :

BNA_F

ClientSampleId :

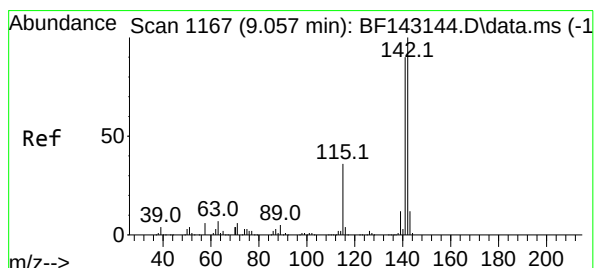
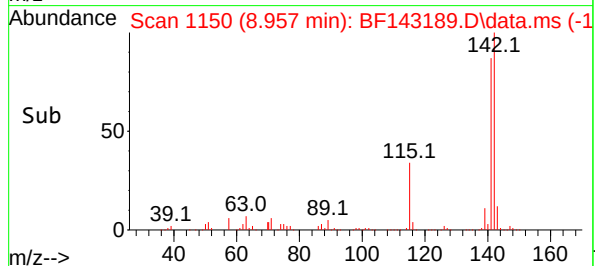
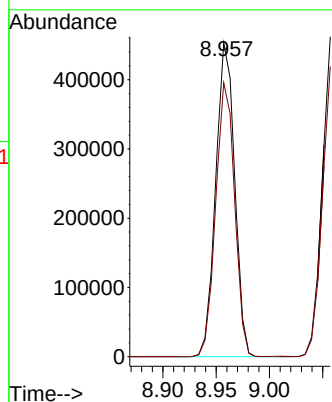
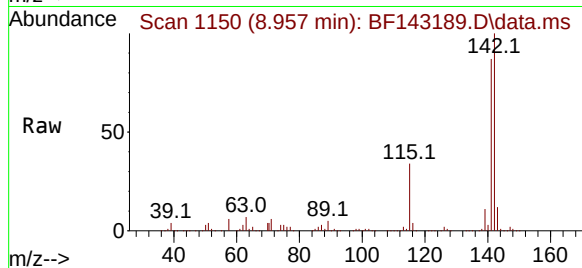
SSTDCCC040

Tgt Ion:142 Resp: 558861

Ion Ratio Lower Upper

142 100

141 87.3 69.9 104.9



#38

1-Methylnaphthalene

Concen: 39.510 ng

RT: 9.057 min Scan# 1167

Delta R.T. 0.000 min

Lab File: BF143189.D

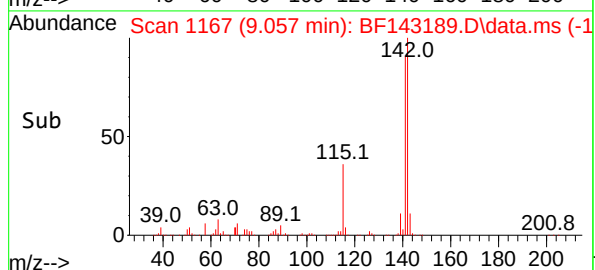
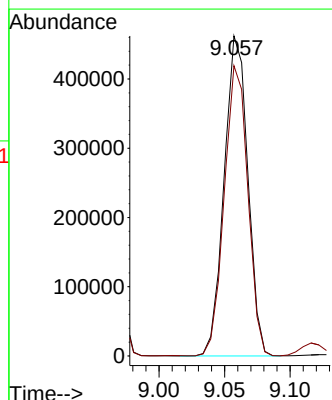
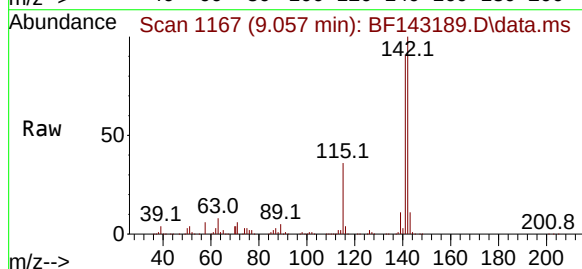
Acq: 22 Jul 2025 15:23

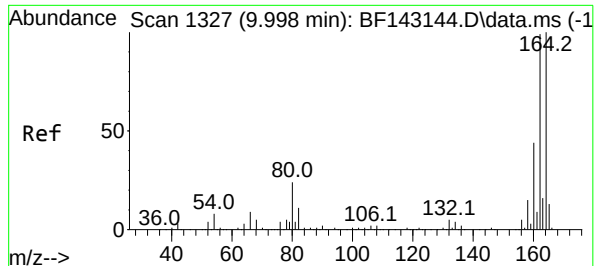
Tgt Ion:142 Resp: 579800

Ion Ratio Lower Upper

142 100

141 90.7 72.3 108.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.004 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF143189.D

Acq: 22 Jul 2025 15:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

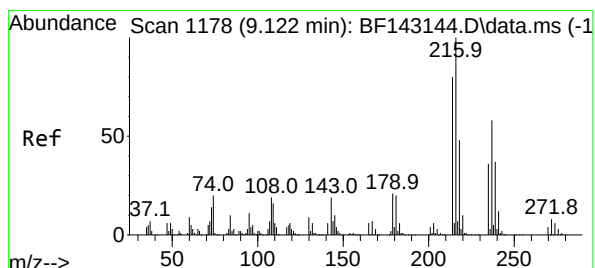
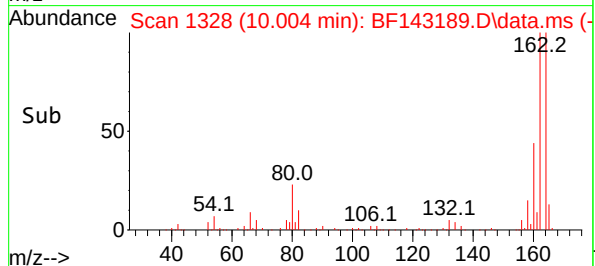
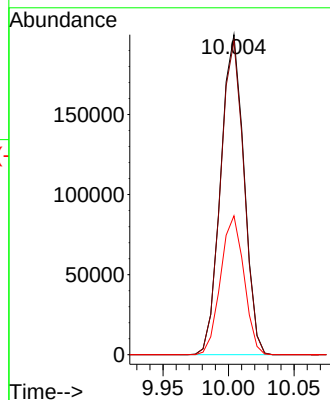
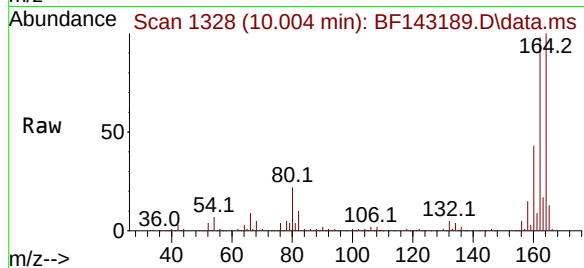
Tgt Ion:164 Resp: 246814

Ion Ratio Lower Upper

164 100

162 98.0 79.0 118.6

160 43.4 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.747 ng

RT: 9.128 min Scan# 1179

Delta R.T. 0.006 min

Lab File: BF143189.D

Acq: 22 Jul 2025 15:23

Tgt Ion:216 Resp: 276101

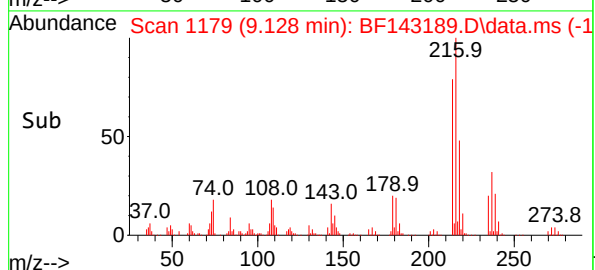
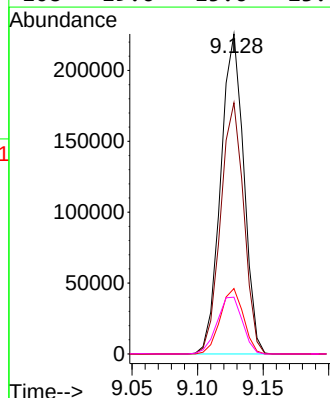
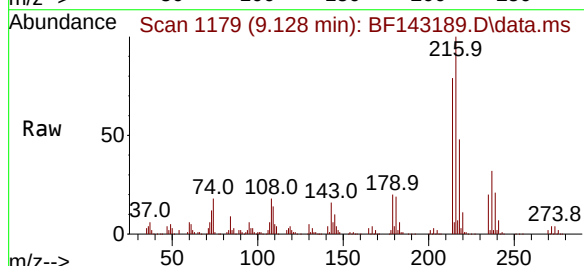
Ion Ratio Lower Upper

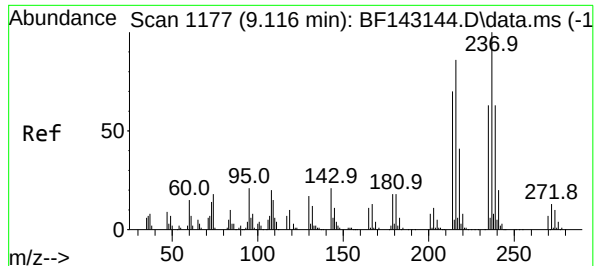
216 100

214 78.6 63.8 95.8

179 20.5 16.4 24.6

108 19.6 15.6 23.4





#41

Hexachlorocyclopentadiene

Concen: 39.541 ng

RT: 9.116 min Scan# 1177

Delta R.T. 0.000 min

Lab File: BF143189.D

Acq: 22 Jul 2025 15:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

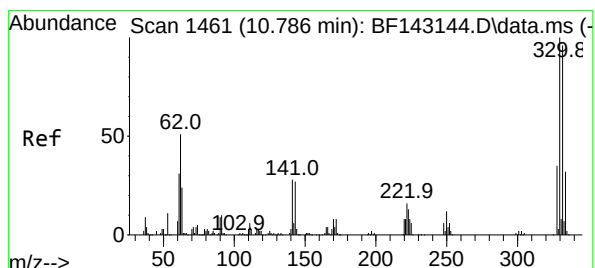
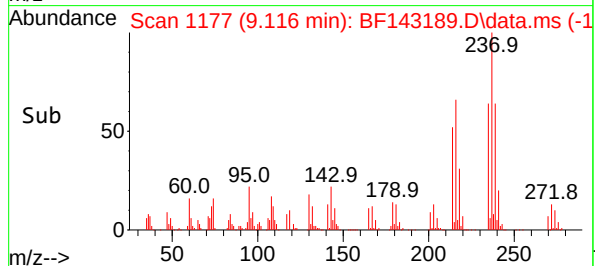
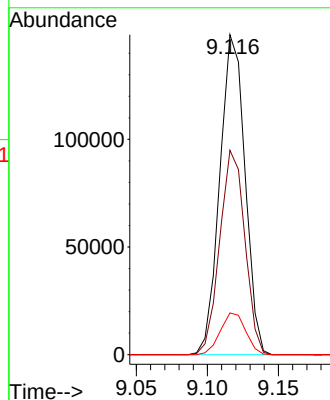
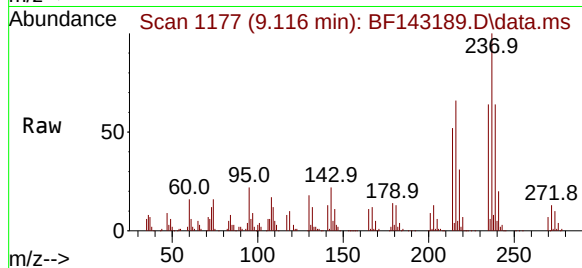
Tgt Ion:237 Resp: 183333

Ion Ratio Lower Upper

237 100

235 63.8 43.0 83.0

272 13.1 0.0 33.3



#42

2,4,6-Tribromophenol

Concen: 81.123 ng

RT: 10.786 min Scan# 1461

Delta R.T. 0.000 min

Lab File: BF143189.D

Acq: 22 Jul 2025 15:23

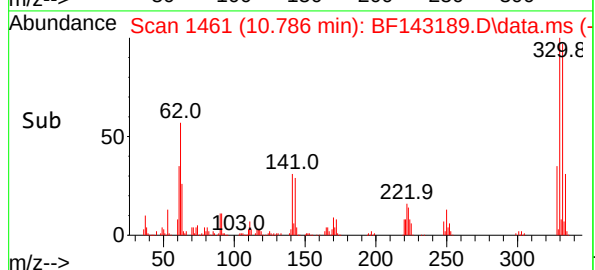
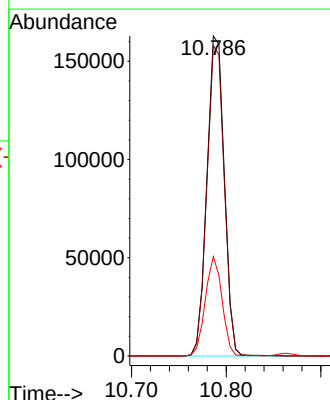
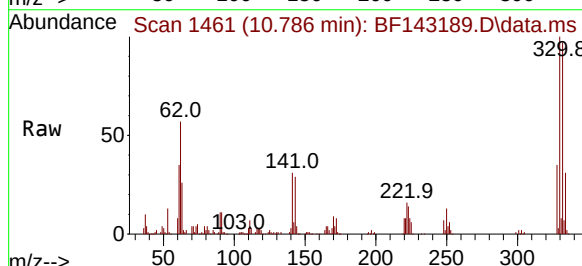
Tgt Ion:330 Resp: 206842

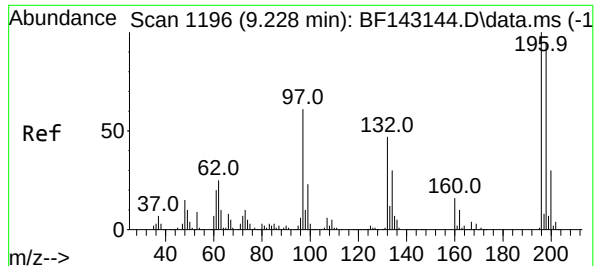
Ion Ratio Lower Upper

330 100

332 97.0 76.7 115.1

141 30.0 23.3 34.9





#43

2,4,6-Trichlorophenol

Concen: 39.086 ng

RT: 9.234 min Scan# 1196

Delta R.T. 0.006 min

Lab File: BF143189.D

Acq: 22 Jul 2025 15:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

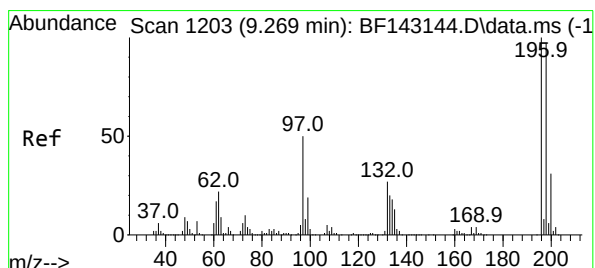
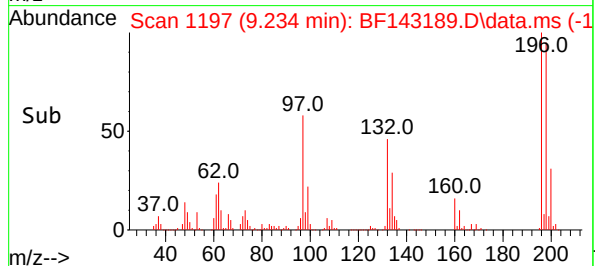
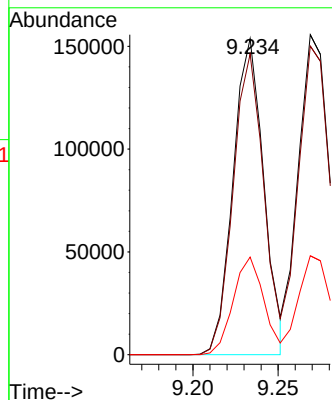
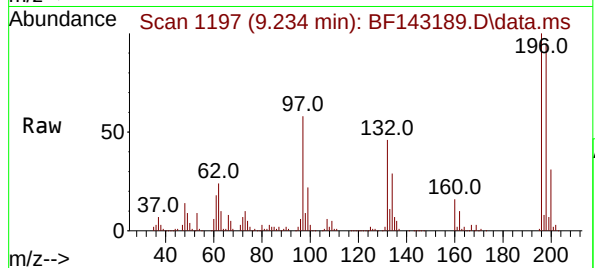
Tgt Ion:196 Resp: 192759

Ion Ratio Lower Upper

196 100

198 95.1 76.2 114.2

200 30.9 23.9 35.9



#44

2,4,5-Trichlorophenol

Concen: 40.285 ng

RT: 9.269 min Scan# 1203

Delta R.T. 0.000 min

Lab File: BF143189.D

Acq: 22 Jul 2025 15:23

Tgt Ion:196 Resp: 198731

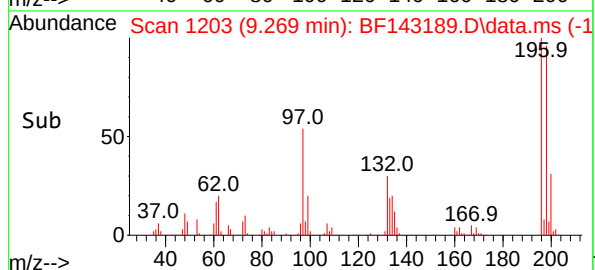
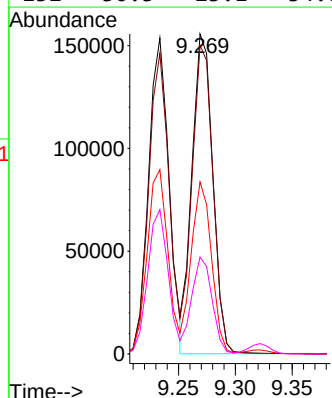
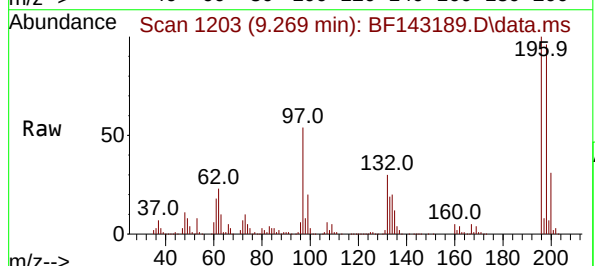
Ion Ratio Lower Upper

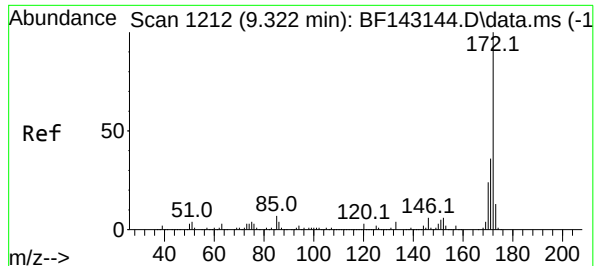
196 100

198 96.5 77.3 115.9

97 53.8 40.3 60.5

132 30.3 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 76.735 ng

RT: 9.322 min Scan# 1212

Delta R.T. 0.000 min

Lab File: BF143189.D

Acq: 22 Jul 2025 15:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

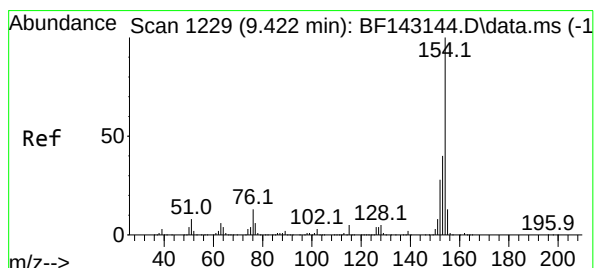
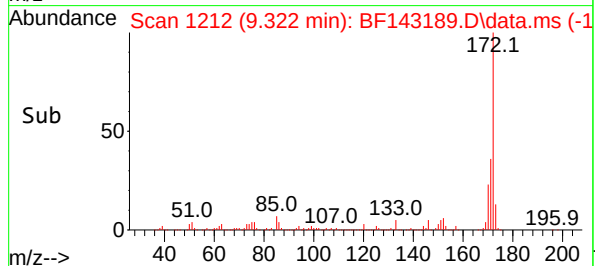
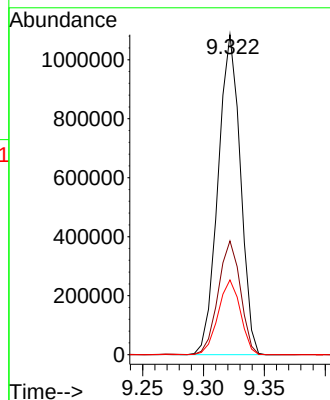
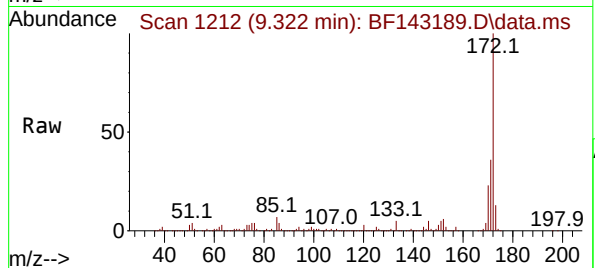
Tgt Ion:172 Resp: 1384823

Ion Ratio Lower Upper

172 100

171 35.6 28.6 42.8

170 23.3 18.8 28.2



#46

1,1'-Biphenyl

Concen: 39.171 ng

RT: 9.422 min Scan# 1229

Delta R.T. 0.000 min

Lab File: BF143189.D

Acq: 22 Jul 2025 15:23

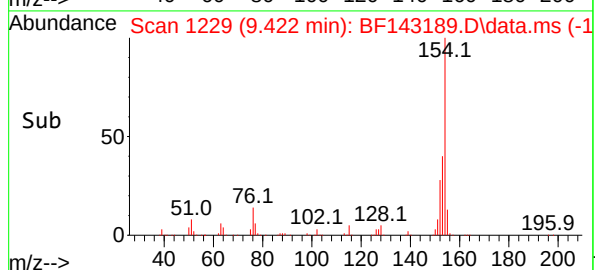
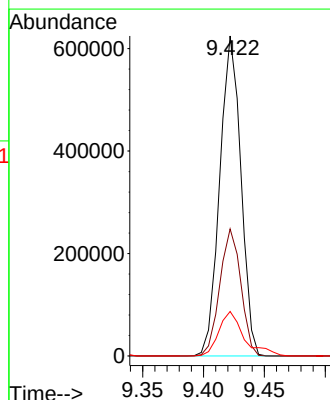
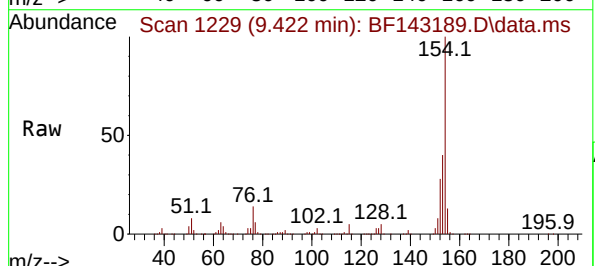
Tgt Ion:154 Resp: 754285

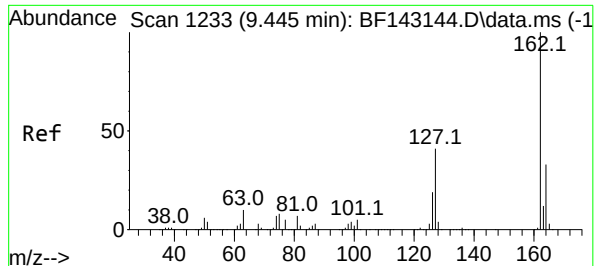
Ion Ratio Lower Upper

154 100

153 39.7 20.3 60.3

76 13.9 0.0 33.3





#47

2-Chloronaphthalene

Concen: 38.731 ng

RT: 9.445 min Scan# 1233

Delta R.T. 0.000 min

Lab File: BF143189.D

Acq: 22 Jul 2025 15:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

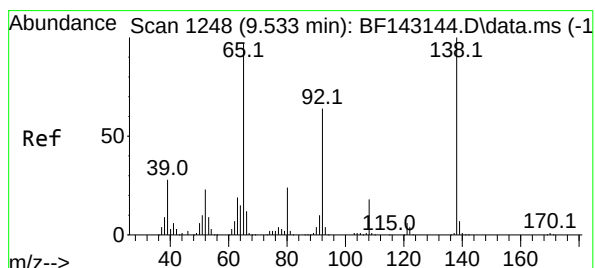
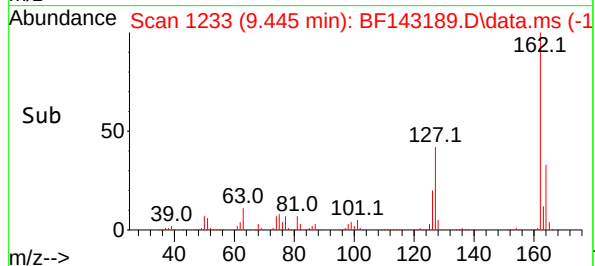
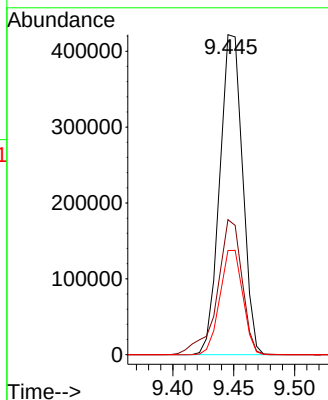
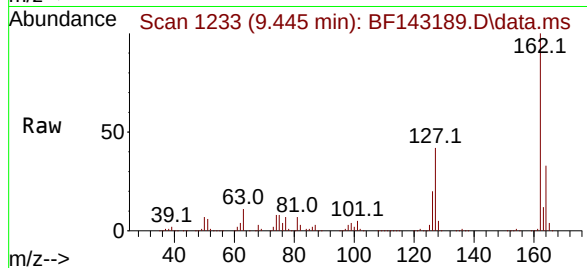
Tgt Ion:162 Resp: 551856

Ion Ratio Lower Upper

162 100

127 42.2 33.4 50.2

164 32.5 26.2 39.2



#48

2-Nitroaniline

Concen: 42.740 ng

RT: 9.534 min Scan# 1248

Delta R.T. 0.000 min

Lab File: BF143189.D

Acq: 22 Jul 2025 15:23

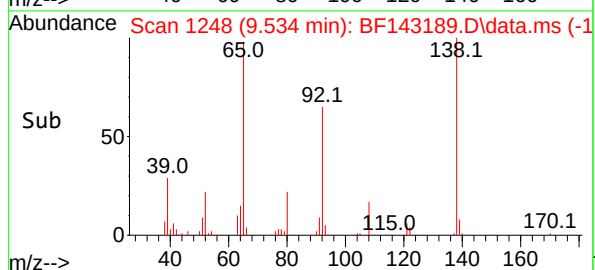
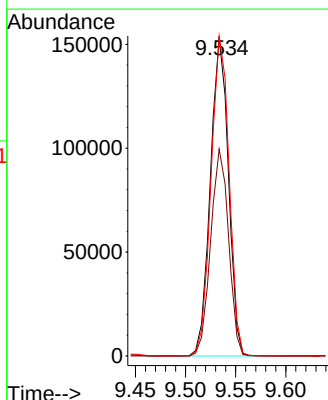
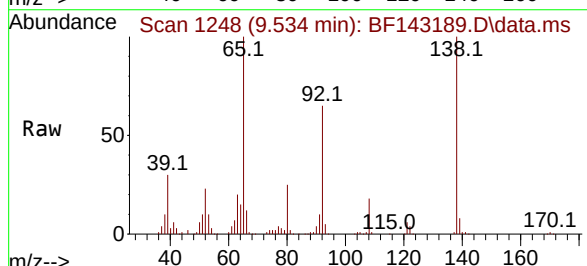
Tgt Ion: 65 Resp: 190970

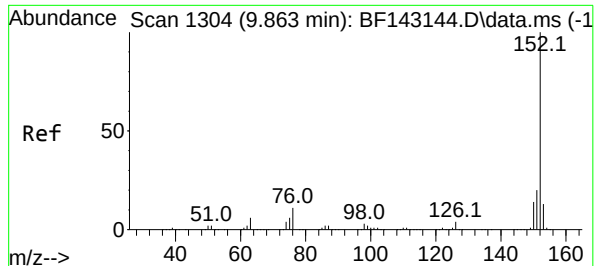
Ion Ratio Lower Upper

65 100

92 64.9 52.4 78.6

138 100.4 82.3 123.5





#49

Acenaphthylene

Concen: 39.136 ng

RT: 9.863 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143189.D

Acq: 22 Jul 2025 15:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

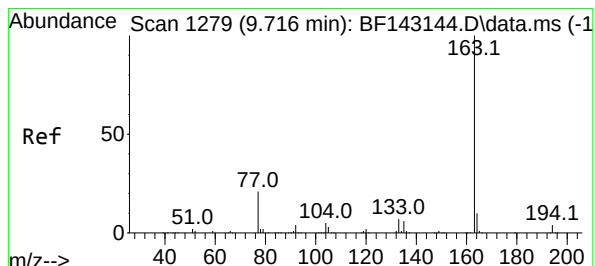
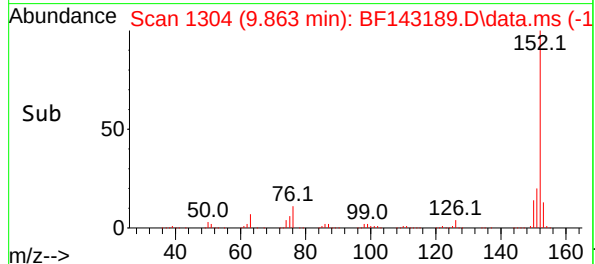
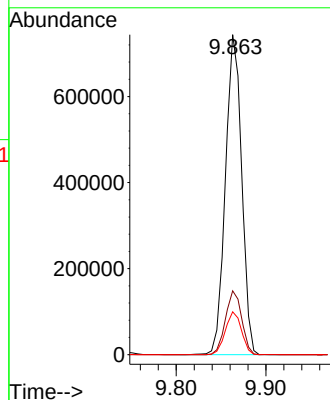
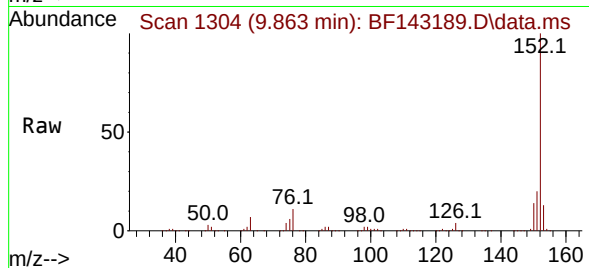
Tgt Ion:152 Resp: 934478

Ion Ratio Lower Upper

152 100

151 20.0 16.2 24.2

153 13.4 10.6 16.0



#50

Dimethylphthalate

Concen: 39.152 ng

RT: 9.716 min Scan# 1279

Delta R.T. 0.000 min

Lab File: BF143189.D

Acq: 22 Jul 2025 15:23

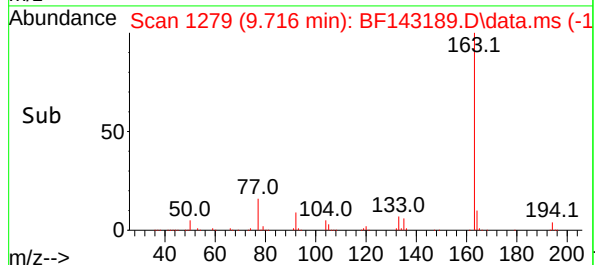
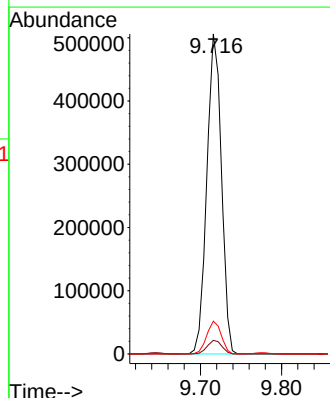
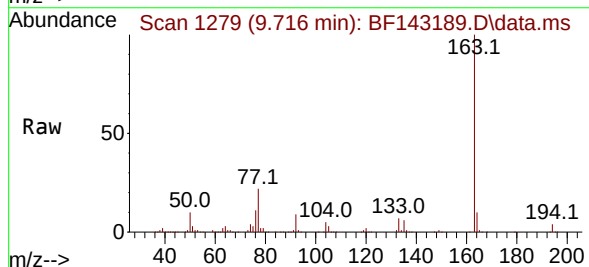
Tgt Ion:163 Resp: 629874

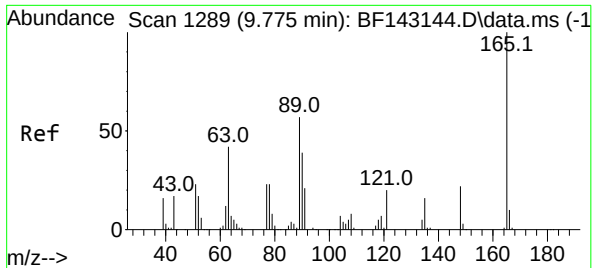
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

164 10.2 8.3 12.5

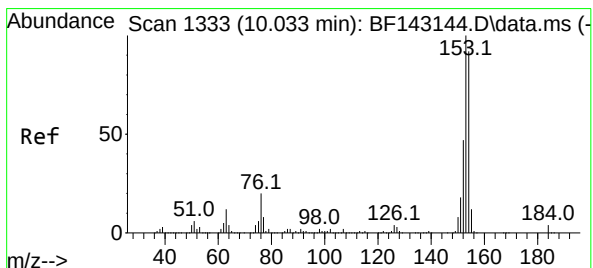
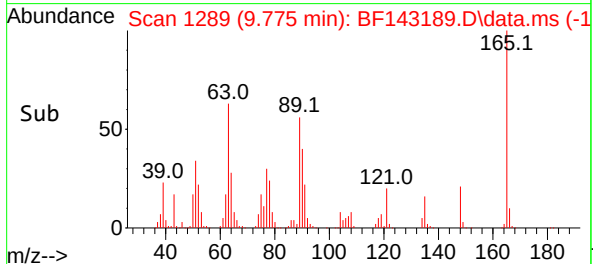
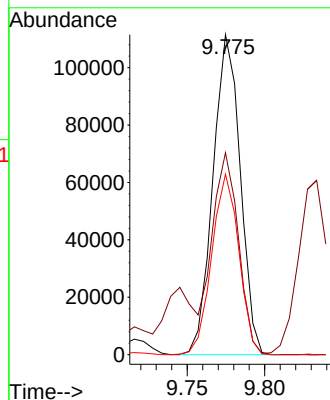
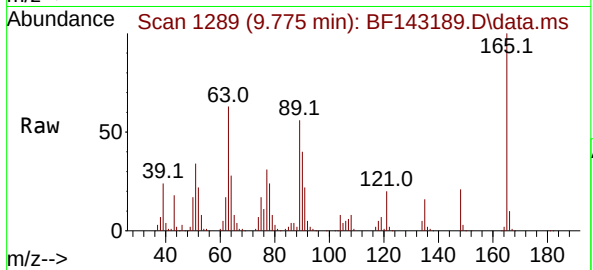




#51
2,6-Dinitrotoluene
Concen: 41.650 ng
RT: 9.775 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

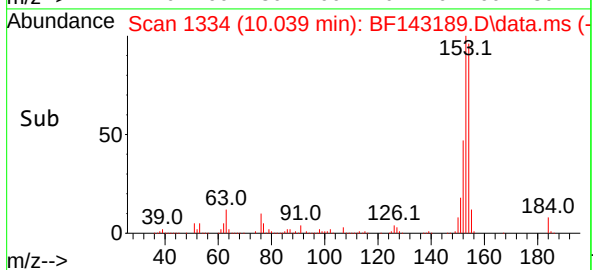
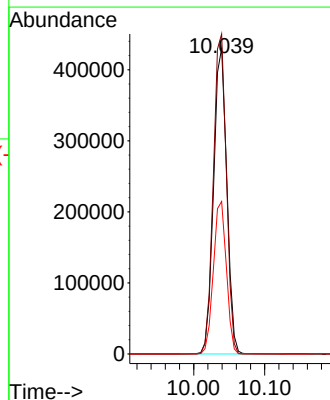
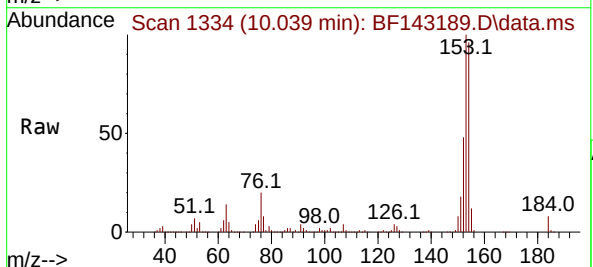
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

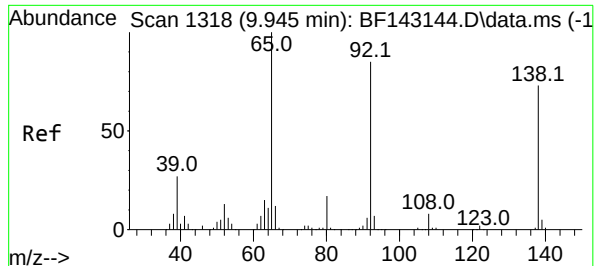
Tgt Ion:165 Resp: 136310
Ion Ratio Lower Upper
165 100
63 63.1 49.4 74.2
89 56.4 46.2 69.2



#52
Acenaphthene
Concen: 39.440 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion:154 Resp: 556618
Ion Ratio Lower Upper
154 100
153 104.7 86.6 129.8
152 49.9 40.4 60.6





#53

3-Nitroaniline

Concen: 41.140 ng

RT: 9.945 min Scan# 1318

Delta R.T. 0.000 min

Lab File: BF143189.D

Acq: 22 Jul 2025 15:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

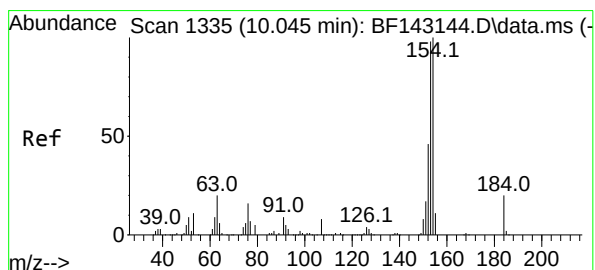
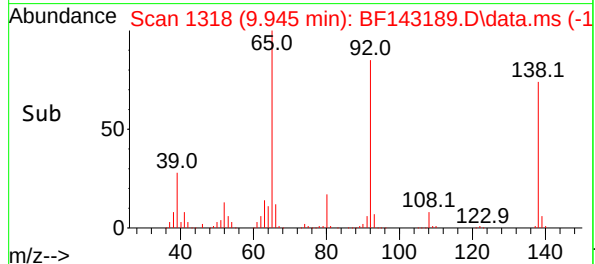
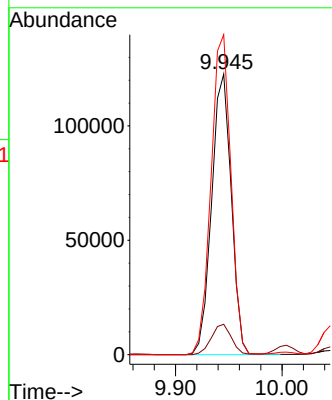
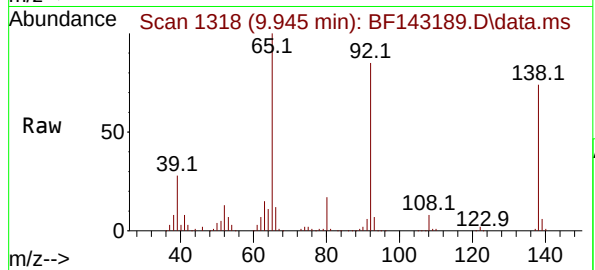
Tgt Ion:138 Resp: 157487

Ion Ratio Lower Upper

138 100

108 10.8 9.0 13.6

92 114.0 93.0 139.4



#54

2,4-Dinitrophenol

Concen: 43.787 ng

RT: 10.045 min Scan# 1335

Delta R.T. 0.000 min

Lab File: BF143189.D

Acq: 22 Jul 2025 15:23

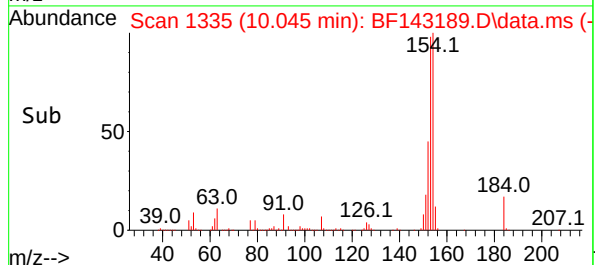
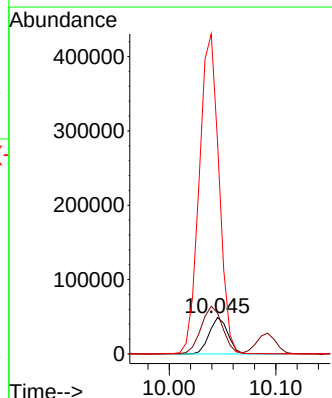
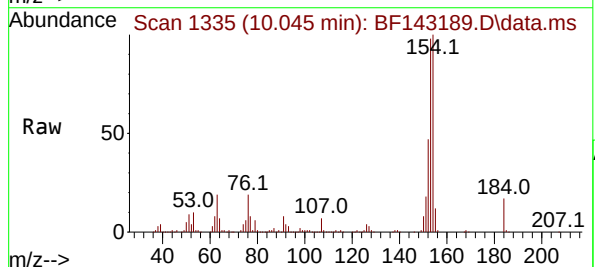
Tgt Ion:184 Resp: 60068

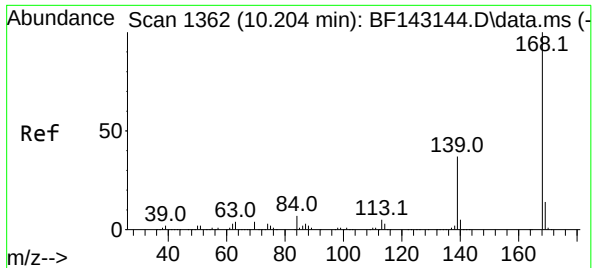
Ion Ratio Lower Upper

184 100

63 112.7 81.8 122.6

154 584.2 412.2 618.4





#55

Dibenzenofuran

Concen: 38.849 ng

RT: 10.210 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF143189.D

Acq: 22 Jul 2025 15:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

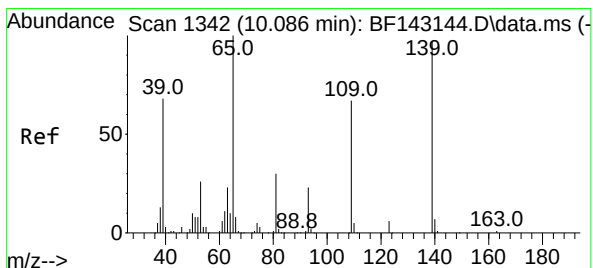
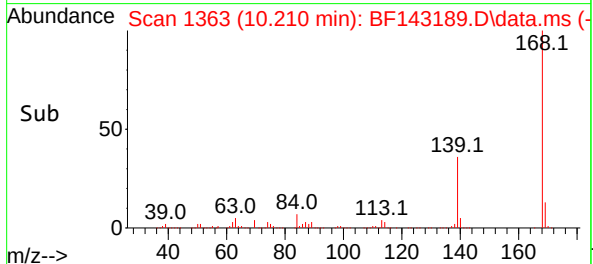
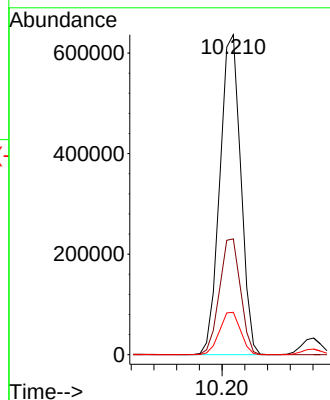
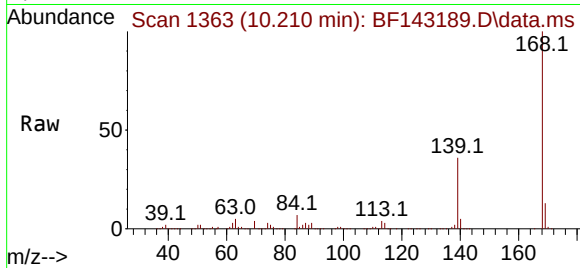
Tgt Ion:168 Resp: 814014

Ion Ratio Lower Upper

168 100

139 36.2 29.5 44.3

169 13.3 10.9 16.3



#56

4-Nitrophenol

Concen: 40.283 ng

RT: 10.092 min Scan# 1343

Delta R.T. 0.006 min

Lab File: BF143189.D

Acq: 22 Jul 2025 15:23

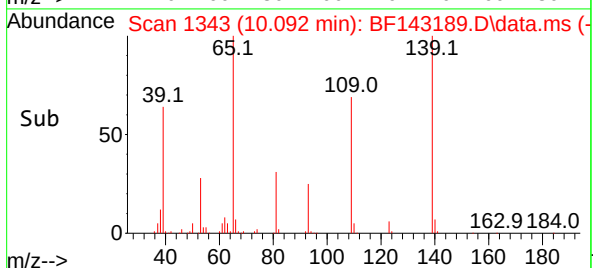
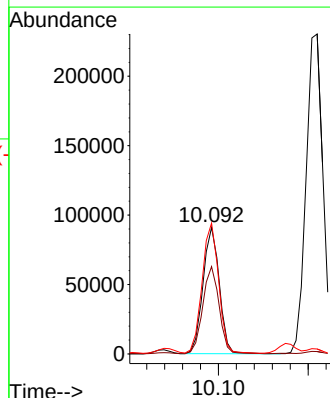
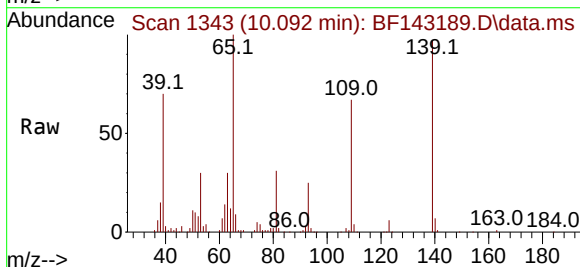
Tgt Ion:139 Resp: 115153

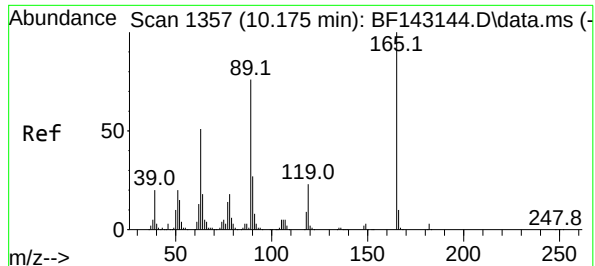
Ion Ratio Lower Upper

139 100

109 69.0 48.5 88.5

65 103.4 83.4 123.4

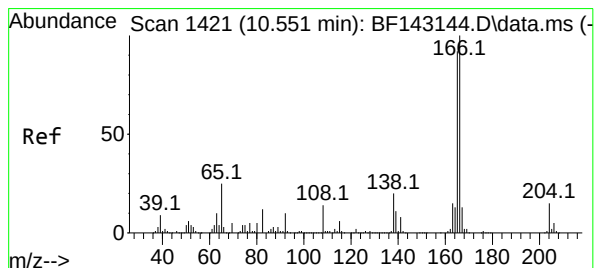
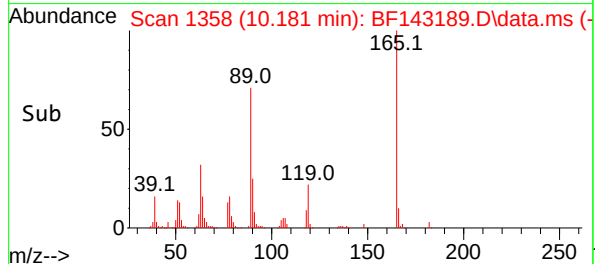
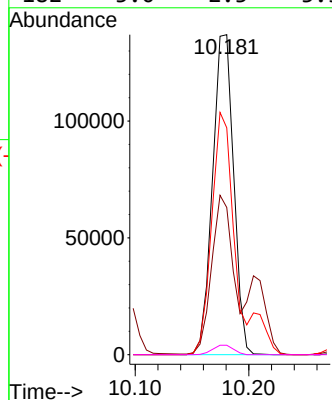
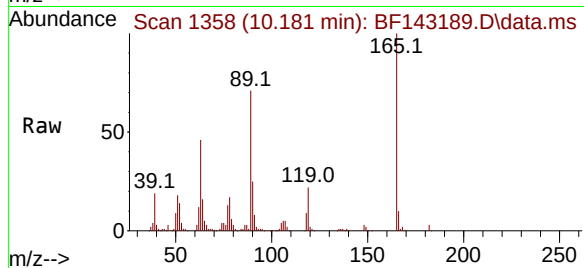




#57
2,4-Dinitrotoluene
Concen: 43.119 ng
RT: 10.181 min Scan# 1358
Delta R.T. 0.006 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

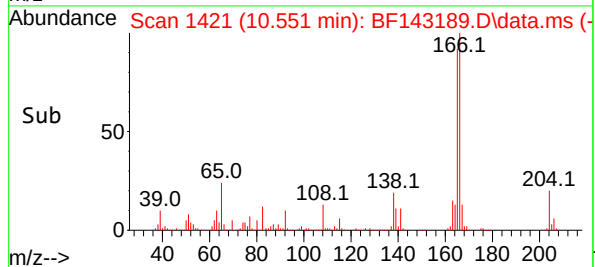
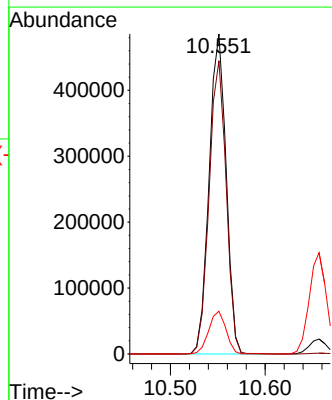
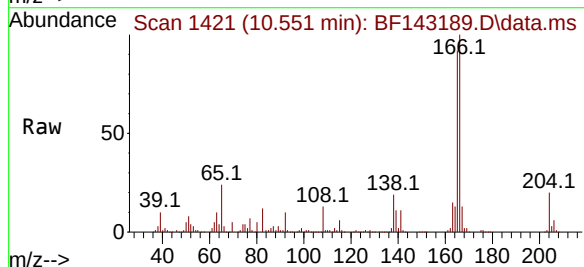
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

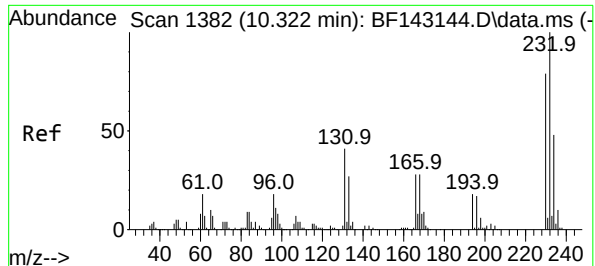
Tgt Ion:165 Resp: 177050
Ion Ratio Lower Upper
165 100
63 46.0 41.0 61.4
89 70.9 61.1 91.7
182 3.0 2.3 3.5



#58
Fluorene
Concen: 38.372 ng
RT: 10.551 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion:166 Resp: 603434
Ion Ratio Lower Upper
166 100
165 91.6 73.7 110.5
167 13.3 10.6 16.0

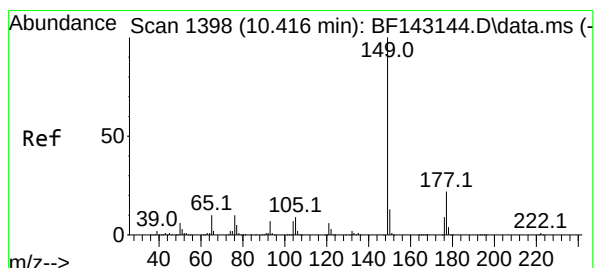
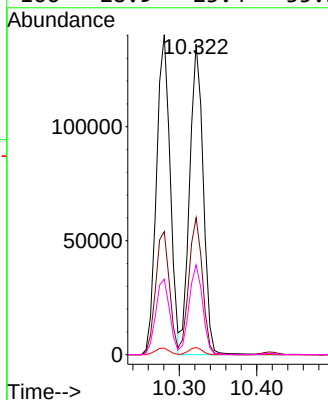
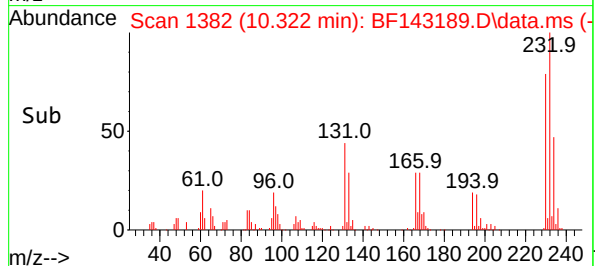
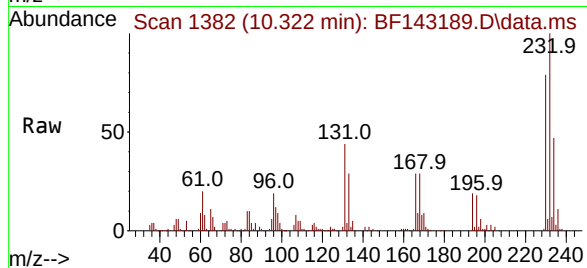




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.701 ng
RT: 10.322 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

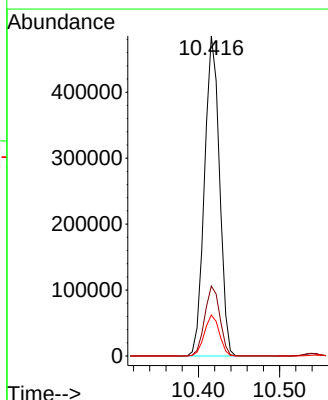
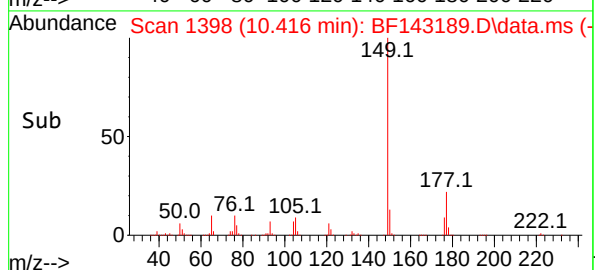
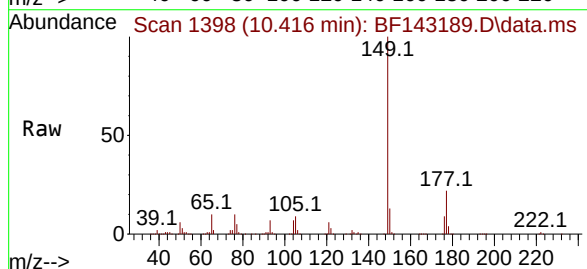
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

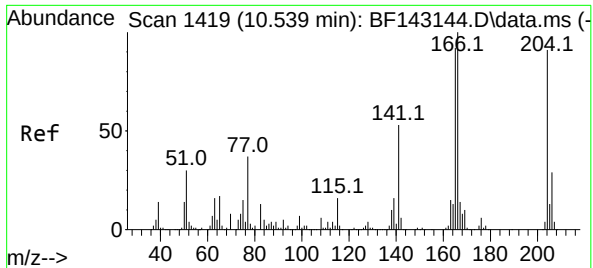
Tgt Ion:232 Resp: 166321
Ion Ratio Lower Upper
232 100
131 44.0 35.3 52.9
130 2.3 1.7 2.5
166 28.9 23.4 35.2



#60
Diethylphthalate
Concen: 38.988 ng
RT: 10.416 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion:149 Resp: 619966
Ion Ratio Lower Upper
149 100
177 21.9 17.5 26.3
150 12.8 10.2 15.2

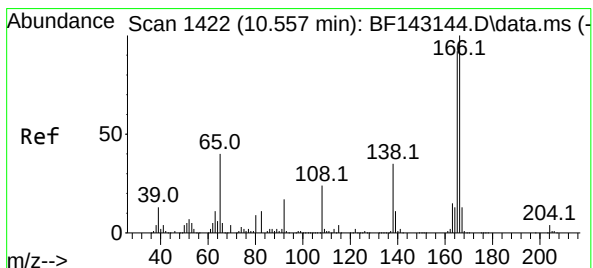
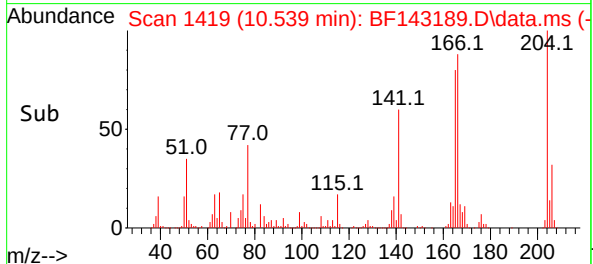
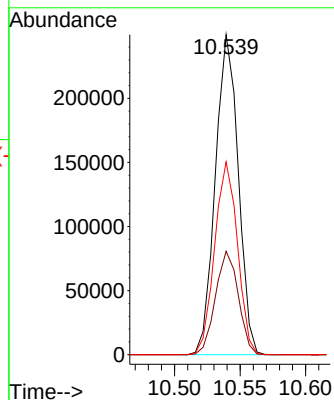
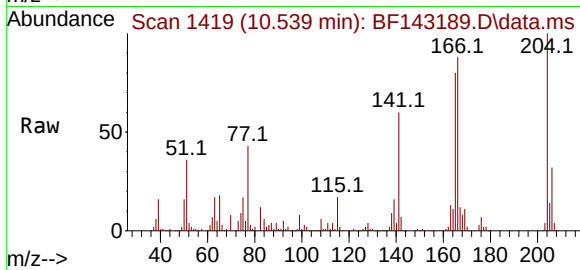




#61
4-Chlorophenyl-phenylether
Concen: 38.676 ng
RT: 10.539 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

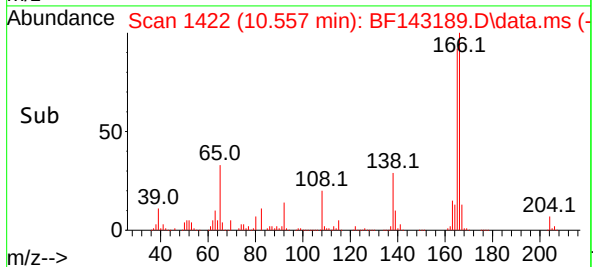
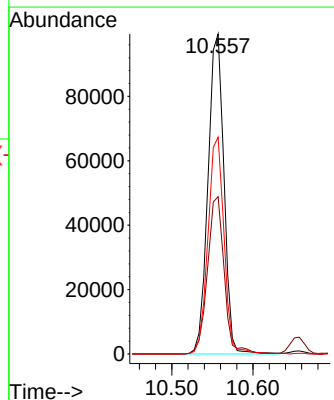
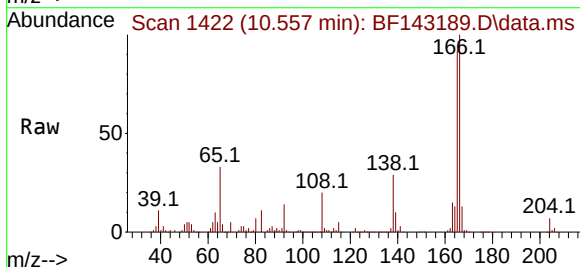
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

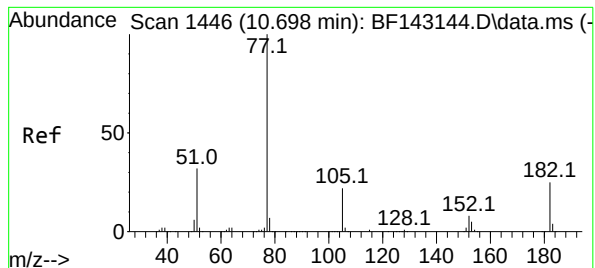
Tgt Ion:204 Resp: 302855
Ion Ratio Lower Upper
204 100
206 32.3 25.8 38.8
141 60.3 47.0 70.4



#62
4-Nitroaniline
Concen: 41.196 ng
RT: 10.557 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion:138 Resp: 135159
Ion Ratio Lower Upper
138 100
92 49.1 29.3 69.3
108 67.7 48.3 88.3





#63

Azobenzene

Concen: 38.405 ng

RT: 10.698 min Scan# 1446

Delta R.T. 0.000 min

Lab File: BF143189.D

Acq: 22 Jul 2025 15:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 636485

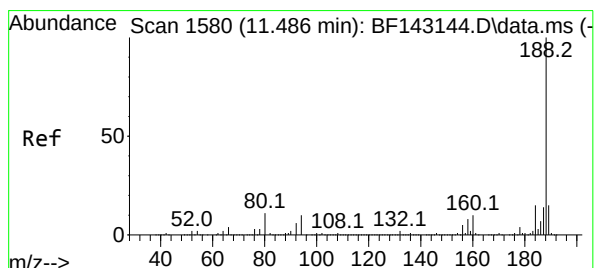
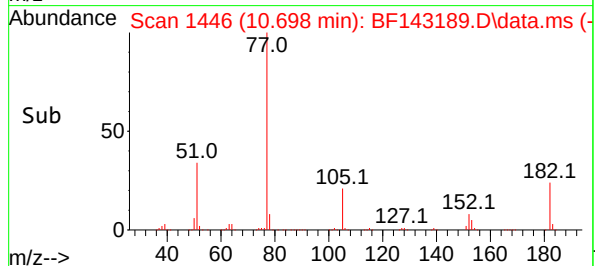
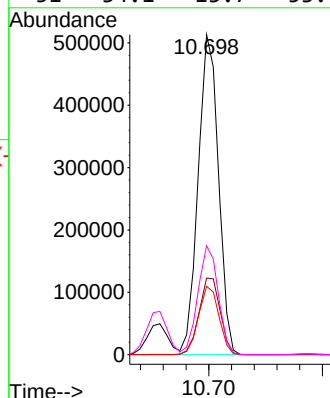
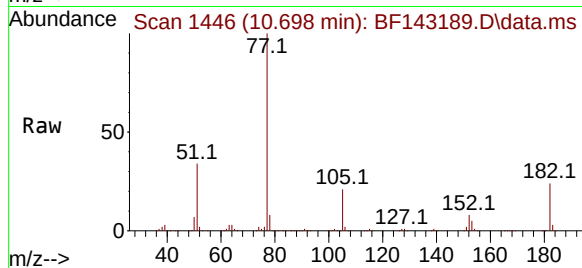
Ion Ratio Lower Upper

77 100

182 24.0 4.6 44.6

105 21.3 1.4 41.4

51 34.1 13.7 53.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.486 min Scan# 1580

Delta R.T. 0.000 min

Lab File: BF143189.D

Acq: 22 Jul 2025 15:23

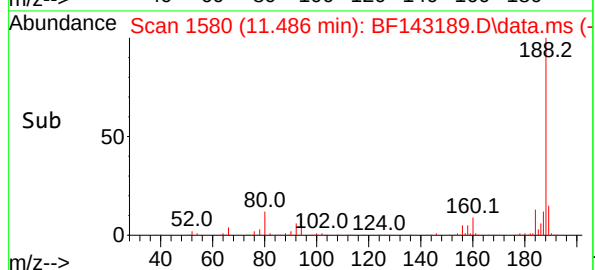
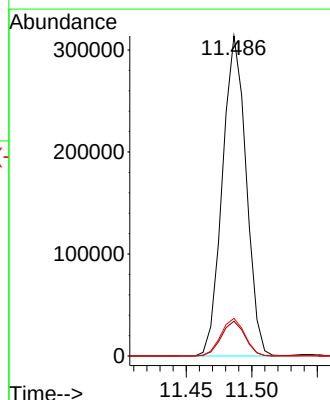
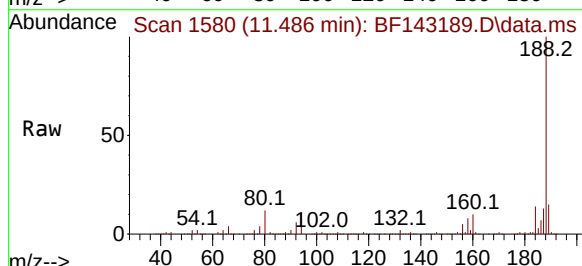
Tgt Ion: 188 Resp: 395216

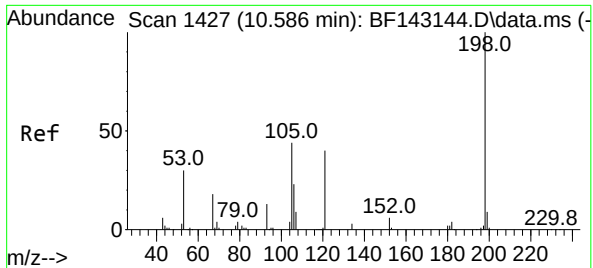
Ion Ratio Lower Upper

188 100

94 10.9 8.3 12.5

80 11.7 9.0 13.6

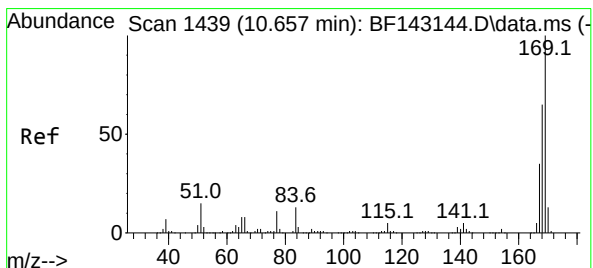
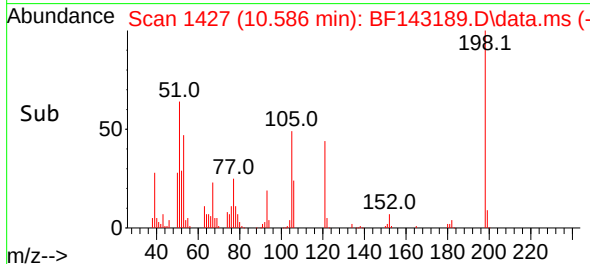
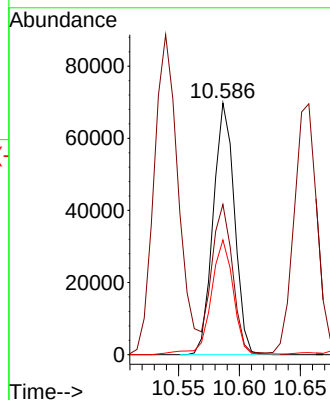
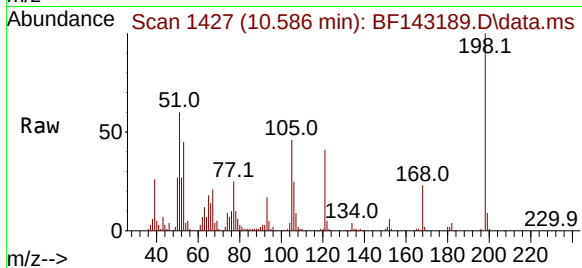




#65
4,6-Dinitro-2-methylphenol
Concen: 41.582 ng
RT: 10.586 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

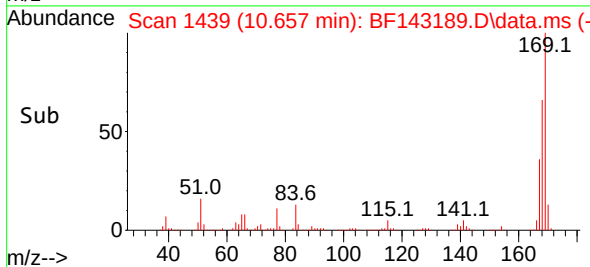
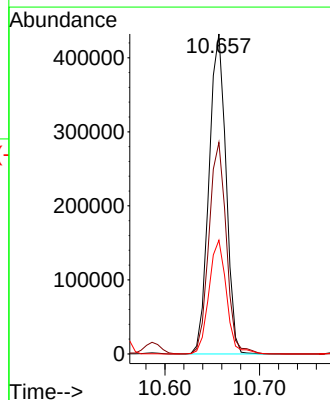
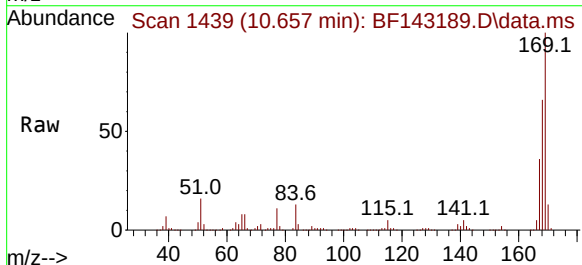
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

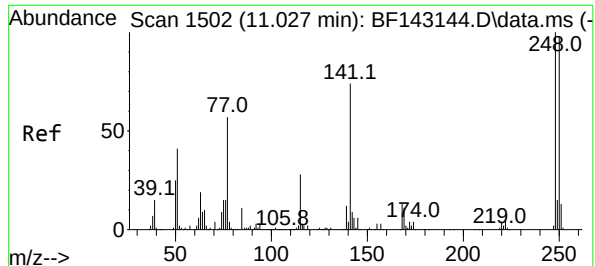
Tgt Ion:198 Resp: 84461
Ion Ratio Lower Upper
198 100
51 59.7 37.2 77.2
105 45.6 24.8 64.8



#66
n-Nitrosodiphenylamine
Concen: 38.742 ng
RT: 10.657 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion:169 Resp: 539169
Ion Ratio Lower Upper
169 100
168 66.1 52.1 78.1
167 35.5 28.2 42.2

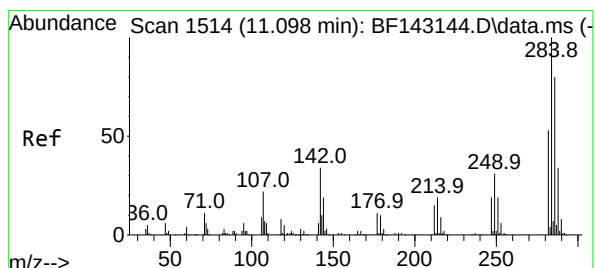
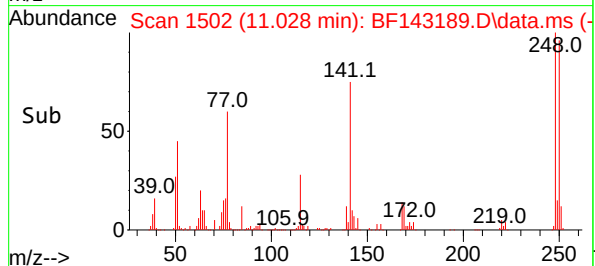
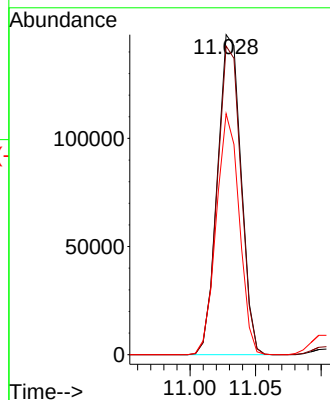
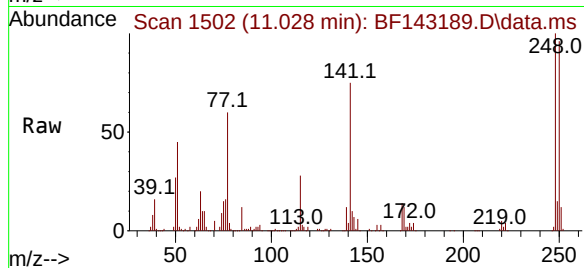




#67
4-Bromophenyl-phenylether
Concen: 39.399 ng
RT: 11.028 min Scan# 1102
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

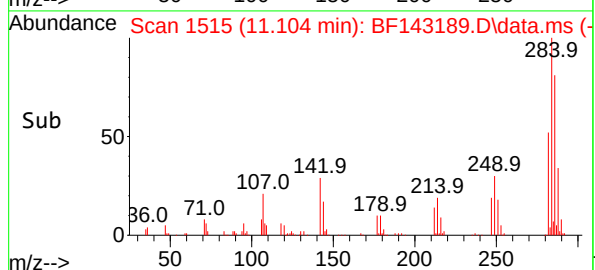
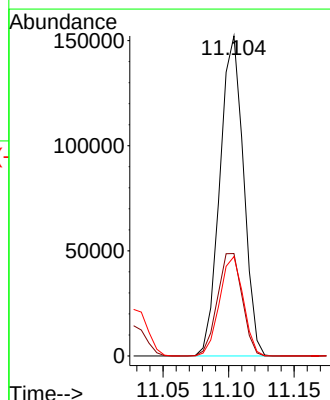
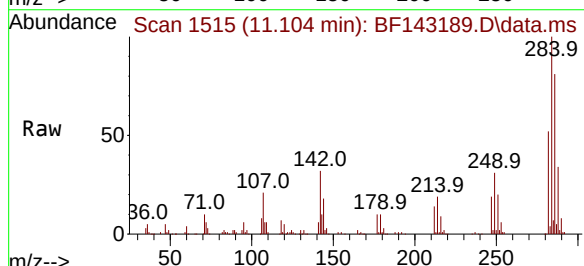
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

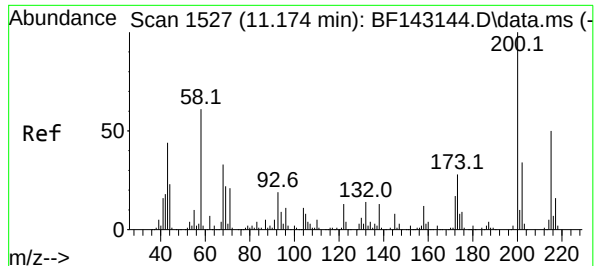
Tgt Ion:248 Resp: 185567
Ion Ratio Lower Upper
248 100
250 96.5 78.3 117.5
141 75.3 59.2 88.8



#68
Hexachlorobenzene
Concen: 38.662 ng
RT: 11.104 min Scan# 1515
Delta R.T. 0.006 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion:284 Resp: 190328
Ion Ratio Lower Upper
284 100
142 32.0 27.0 40.6
249 31.1 25.0 37.6





#69

Atrazine

Concen: 40.711 ng

RT: 11.175 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143189.D

Acq: 22 Jul 2025 15:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

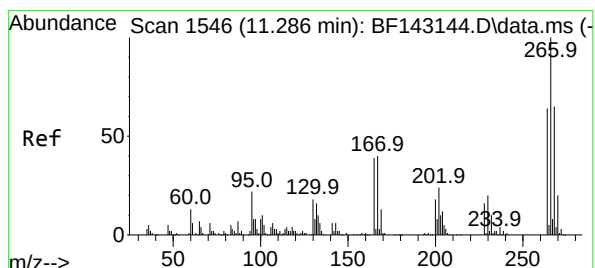
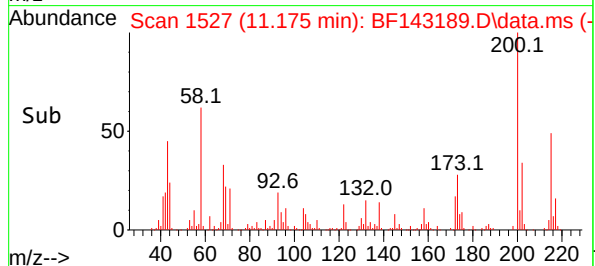
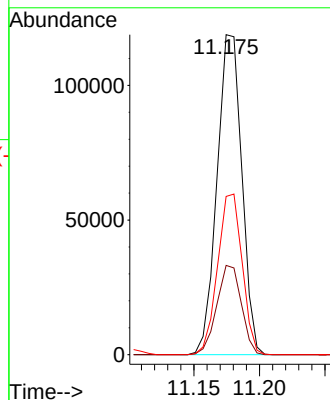
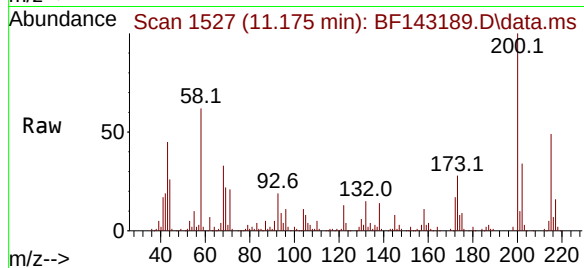
Tgt Ion:200 Resp: 156196

Ion Ratio Lower Upper

200 100

173 27.9 7.9 47.9

215 49.4 30.1 70.1



#70

Pentachlorophenol

Concen: 42.369 ng

RT: 11.292 min Scan# 1547

Delta R.T. 0.006 min

Lab File: BF143189.D

Acq: 22 Jul 2025 15:23

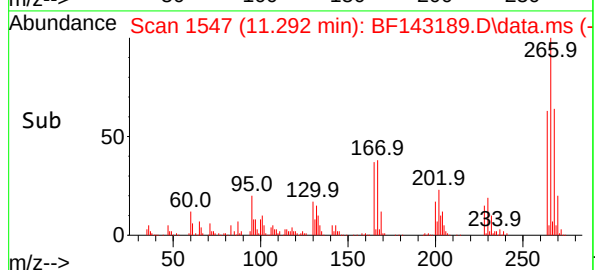
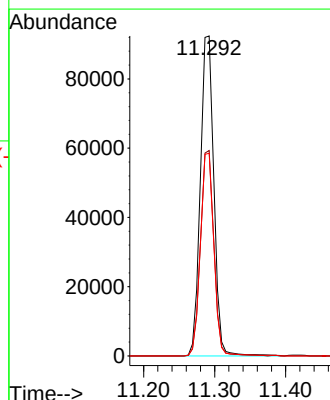
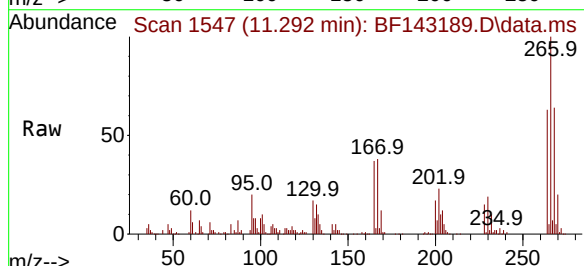
Tgt Ion:266 Resp: 122659

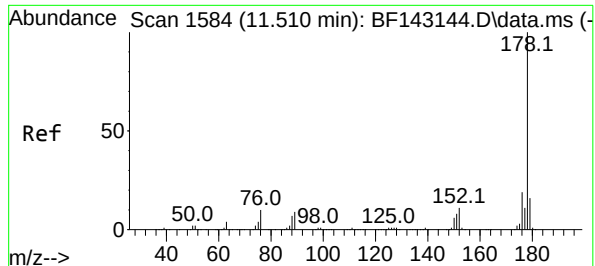
Ion Ratio Lower Upper

266 100

268 64.2 51.9 77.9

264 63.4 51.0 76.6





#71

Phenanthrene

Concen: 39.198 ng

RT: 11.510 min Scan# 1584

Delta R.T. 0.000 min

Lab File: BF143189.D

Acq: 22 Jul 2025 15:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

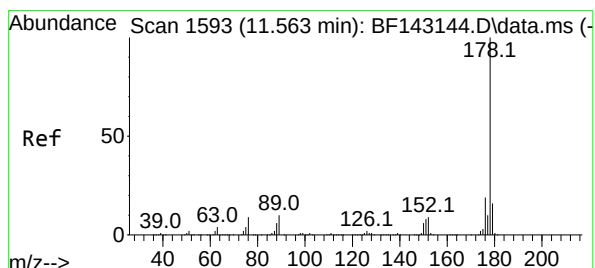
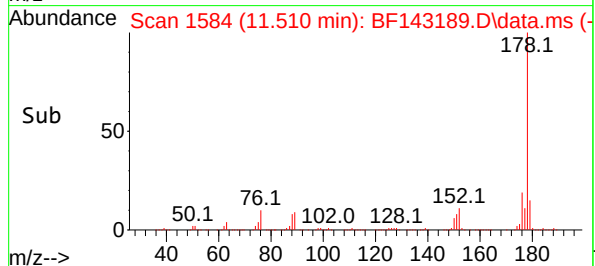
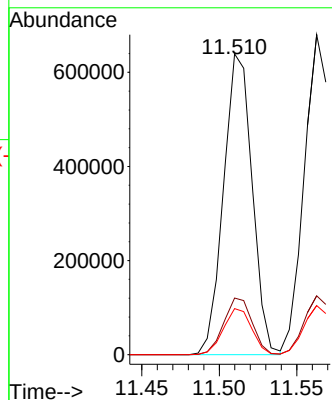
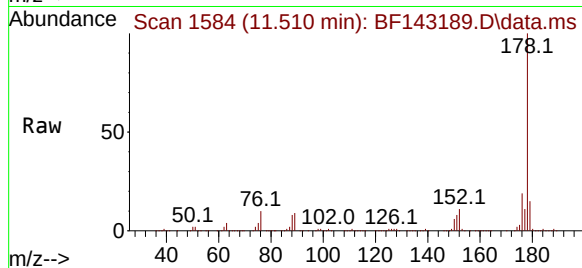
Tgt Ion:178 Resp: 822568

Ion Ratio Lower Upper

178 100

176 18.8 15.3 22.9

179 15.3 12.5 18.7



#72

Anthracene

Concen: 39.397 ng

RT: 11.563 min Scan# 1593

Delta R.T. 0.000 min

Lab File: BF143189.D

Acq: 22 Jul 2025 15:23

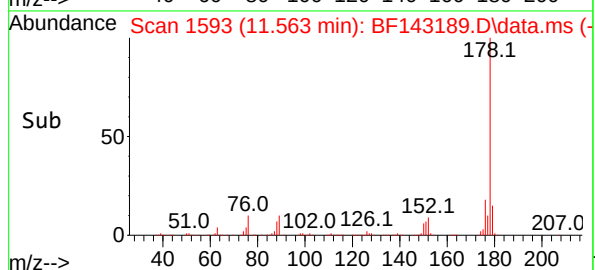
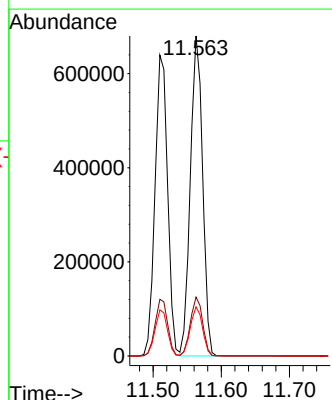
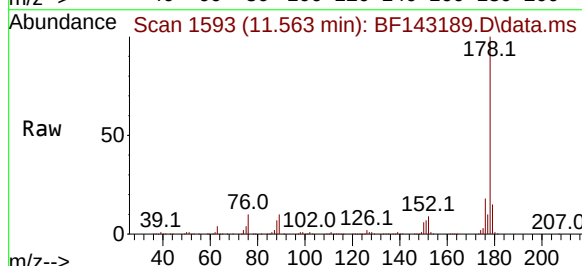
Tgt Ion:178 Resp: 843171

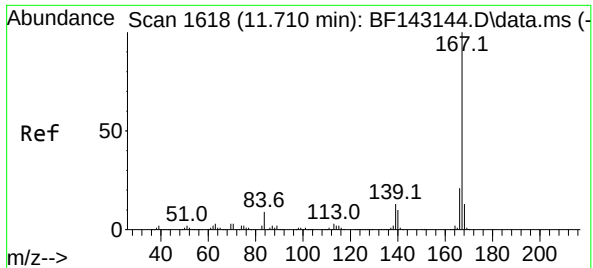
Ion Ratio Lower Upper

178 100

176 18.4 15.0 22.4

179 15.4 12.5 18.7

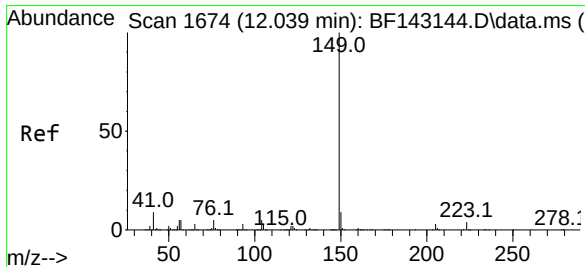
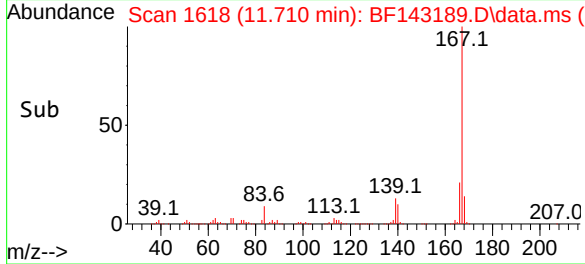
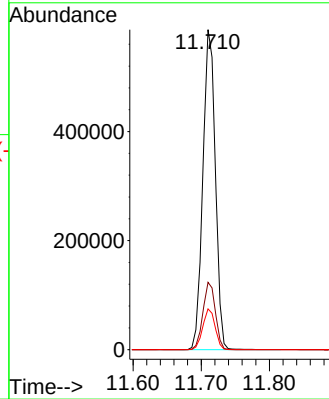
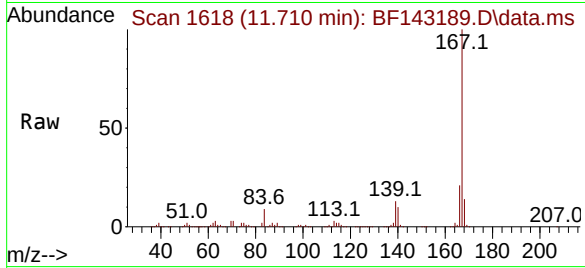




#73
Carbazole
Concen: 39.904 ng
RT: 11.710 min Scan# 1618
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

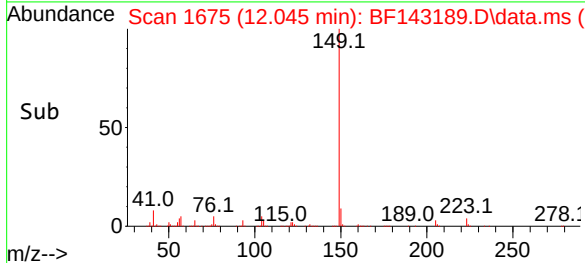
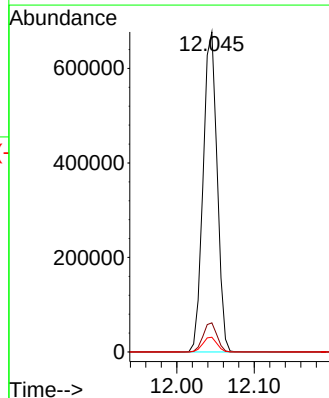
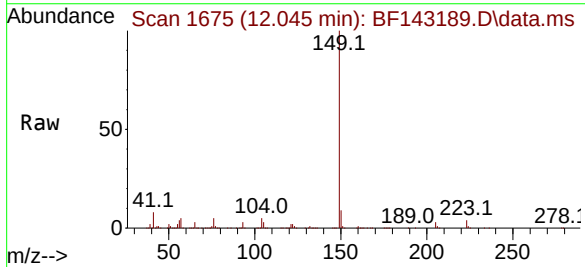
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

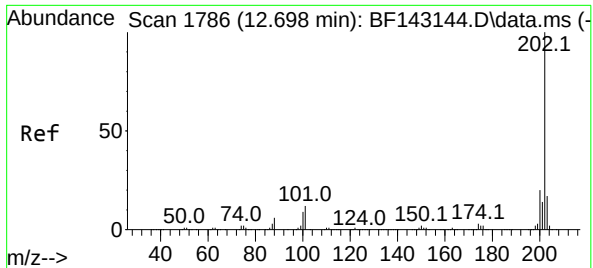
Tgt Ion:167 Resp: 745732
Ion Ratio Lower Upper
167 100
166 21.0 17.0 25.6
139 12.7 10.0 15.0



#74
Di-n-butylphthalate
Concen: 40.158 ng
RT: 12.045 min Scan# 1675
Delta R.T. 0.006 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

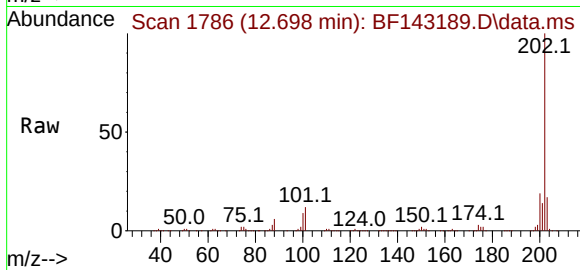
Tgt Ion:149 Resp: 849173
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.2
104 4.6 3.8 5.8



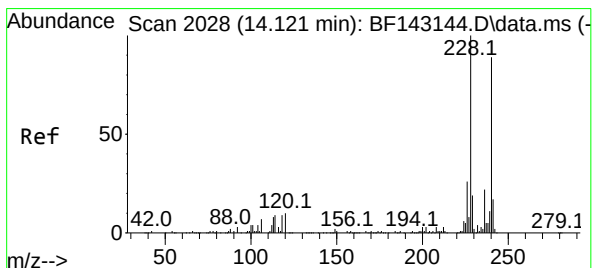
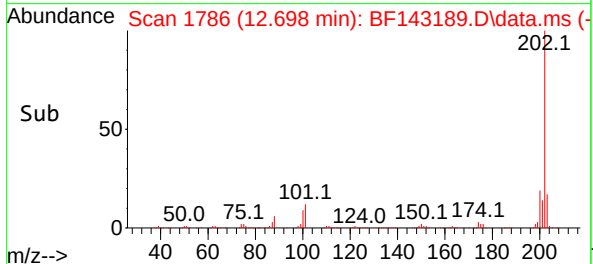
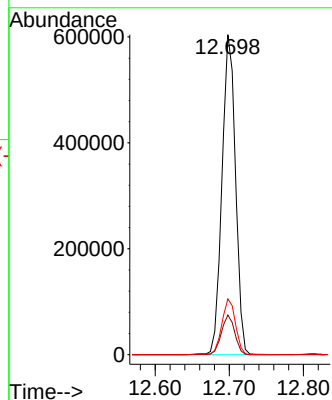


#75
Fluoranthene
Concen: 39.801 ng
RT: 12.698 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

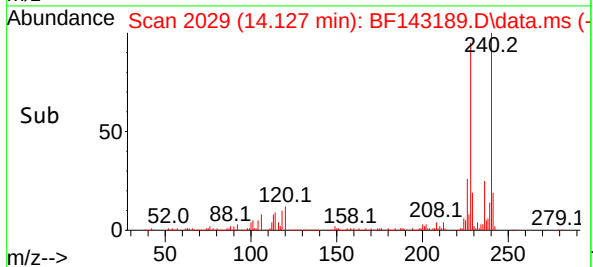
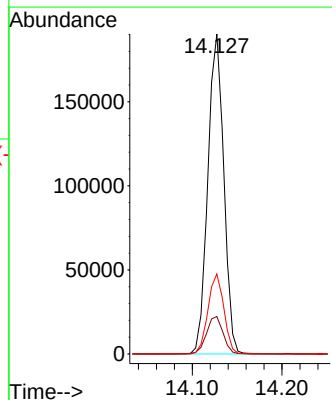
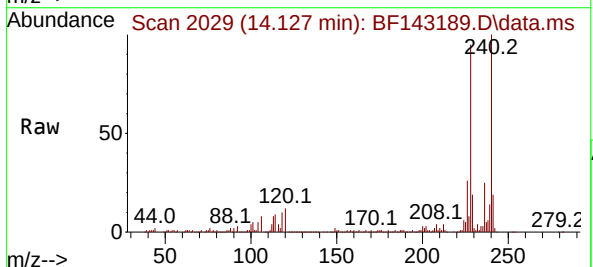


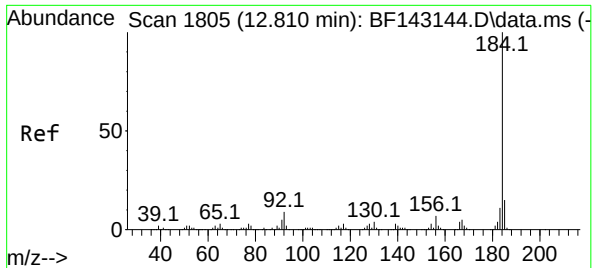
Tgt Ion:202 Resp: 766621
Ion Ratio Lower Upper
202 100
101 12.4 0.0 31.7
203 17.5 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2029
Delta R.T. 0.006 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion:240 Resp: 234922
Ion Ratio Lower Upper
240 100
120 11.7 9.4 14.2
236 25.0 20.2 30.4

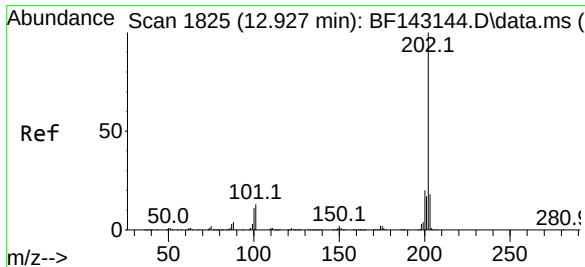
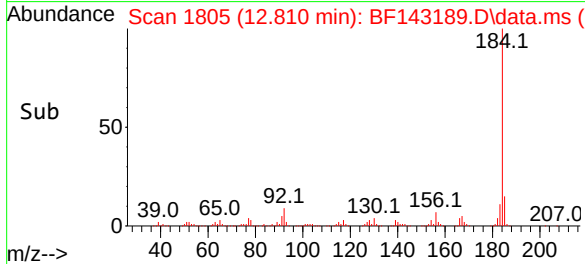
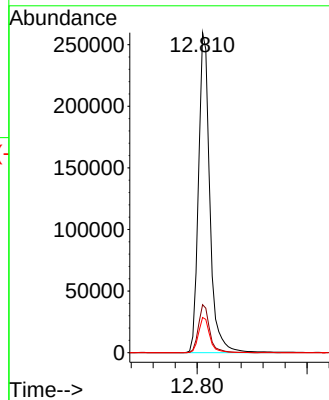
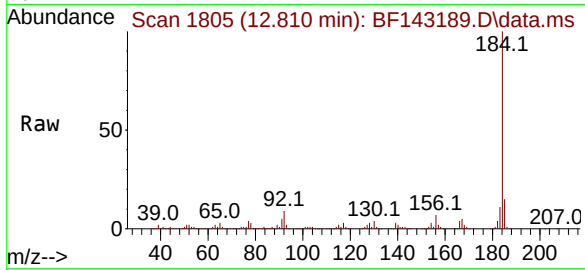




#77
Benzidine
Concen: 40.991 ng
RT: 12.810 min Scan# 1805
Delta R.T. -0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

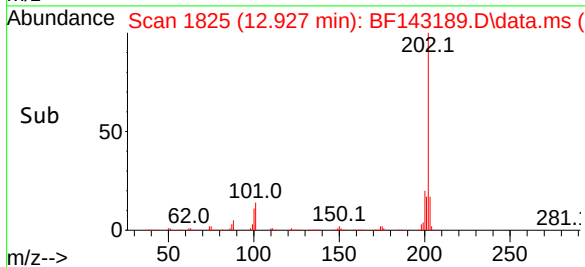
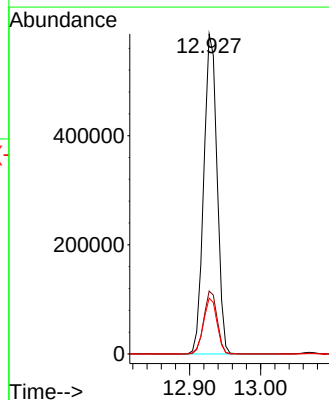
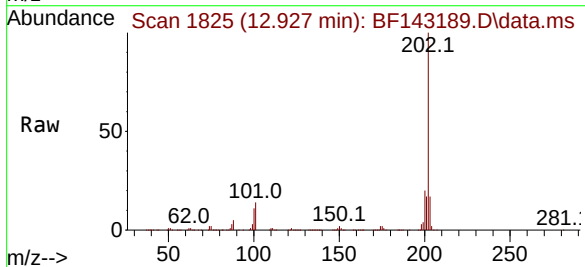
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

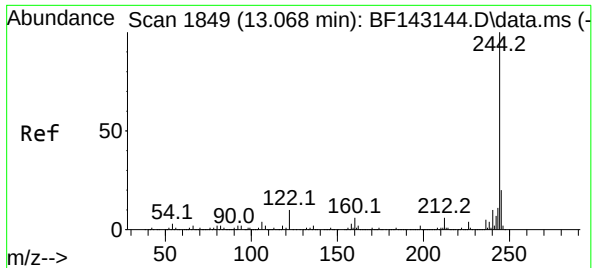
Tgt Ion:184 Resp: 371006
Ion Ratio Lower Upper
184 100
185 15.0 12.2 18.4
183 11.0 9.0 13.4



#78
Pyrene
Concen: 38.120 ng
RT: 12.927 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion:202 Resp: 764286
Ion Ratio Lower Upper
202 100
200 19.6 15.7 23.5
203 17.5 14.2 21.2





#79

Terphenyl-d14

Concen: 74.604 ng

RT: 13.069 min Scan# 1849

Delta R.T. 0.000 min

Lab File: BF143189.D

Acq: 22 Jul 2025 15:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

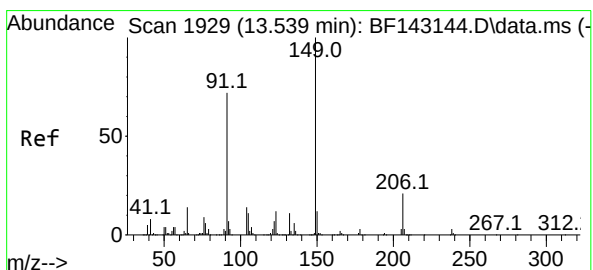
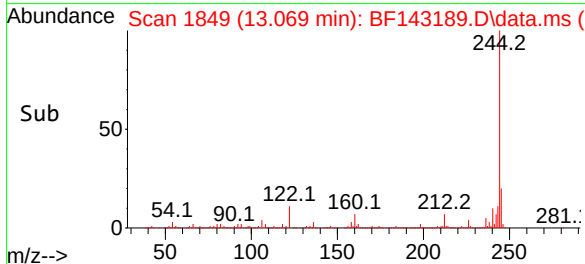
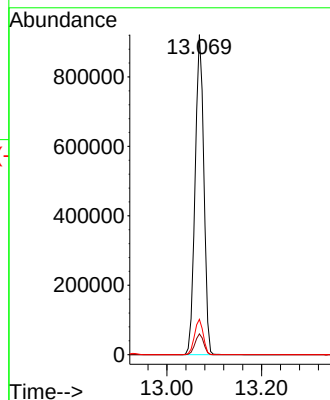
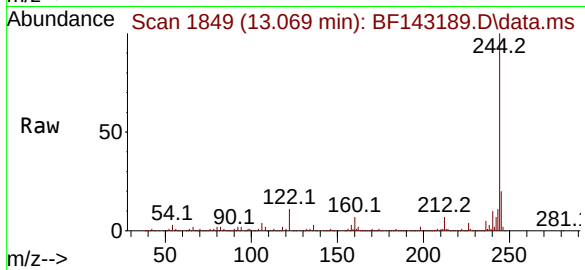
Tgt Ion:244 Resp: 1177750

Ion Ratio Lower Upper

244 100

212 6.5 5.2 7.8

122 11.0 8.2 12.2



#80

Butylbenzylphthalate

Concen: 46.629 ng

RT: 13.539 min Scan# 1929

Delta R.T. 0.000 min

Lab File: BF143189.D

Acq: 22 Jul 2025 15:23

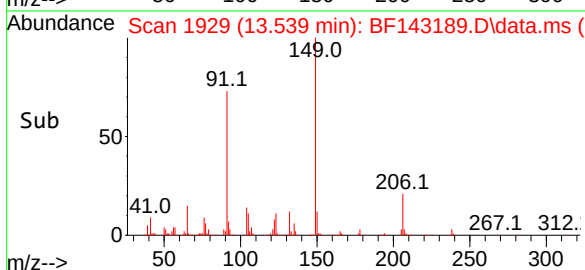
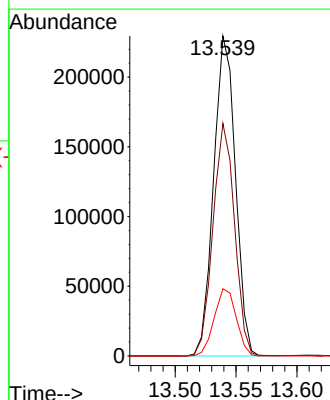
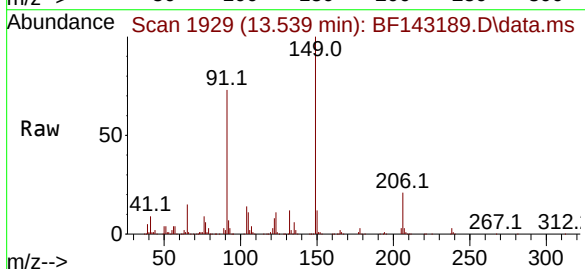
Tgt Ion:149 Resp: 286273

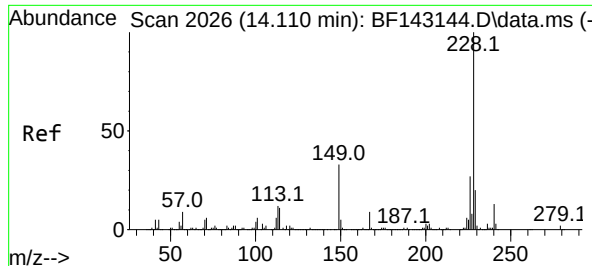
Ion Ratio Lower Upper

149 100

91 72.6 57.9 86.9

206 21.0 17.0 25.4





#81

Benzo(a)anthracene

Concen: 39.198 ng

RT: 14.116 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF143189.D

Acq: 22 Jul 2025 15:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

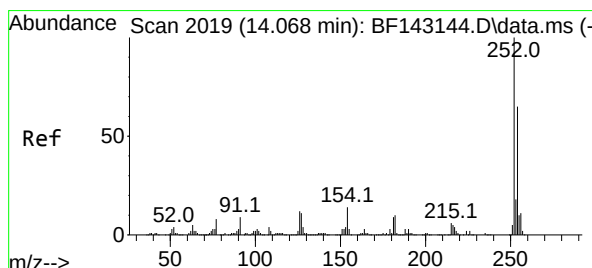
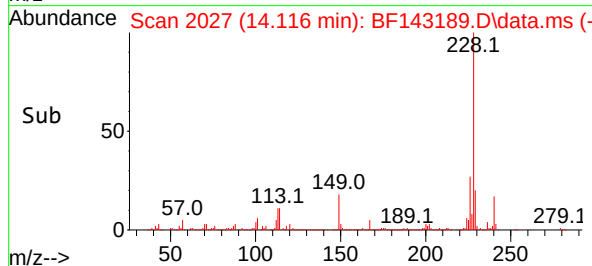
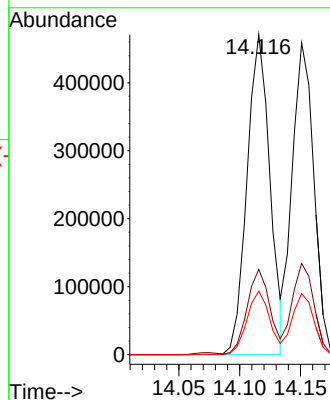
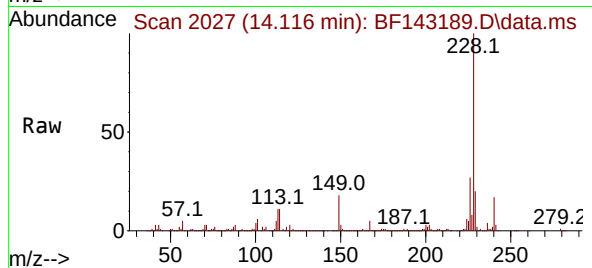
Tgt Ion:228 Resp: 616503

Ion Ratio Lower Upper

228 100

226 26.6 21.7 32.5

229 19.8 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 42.971 ng

RT: 14.074 min Scan# 2020

Delta R.T. 0.006 min

Lab File: BF143189.D

Acq: 22 Jul 2025 15:23

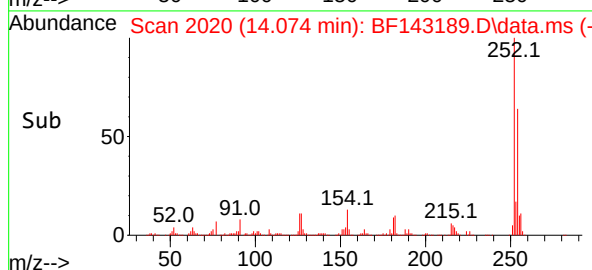
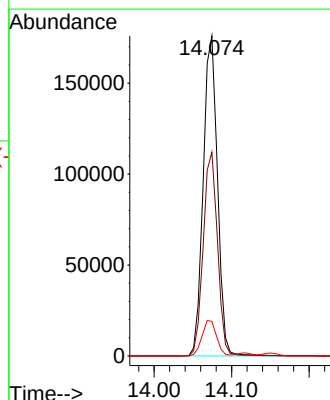
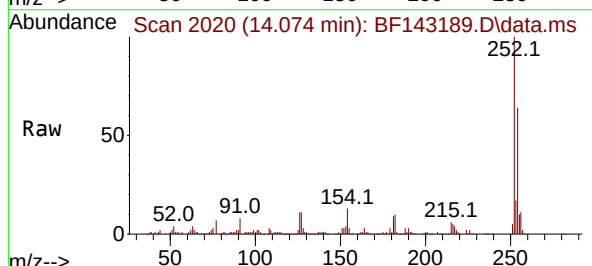
Tgt Ion:252 Resp: 225253

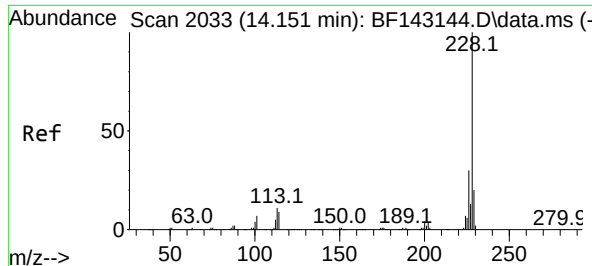
Ion Ratio Lower Upper

252 100

254 63.7 51.7 77.5

126 10.8 9.4 14.0





#83

Chrysene

Concen: 40.210 ng

RT: 14.151 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF143189.D

Acq: 22 Jul 2025 15:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

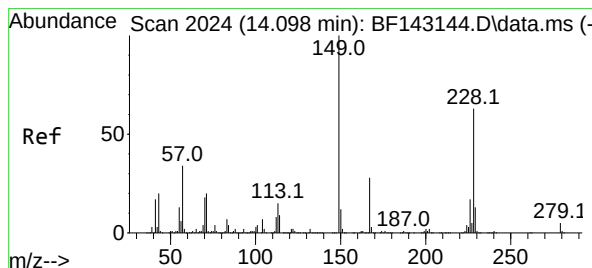
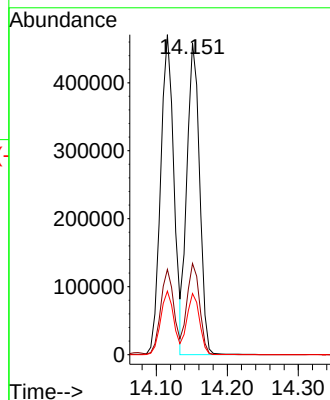
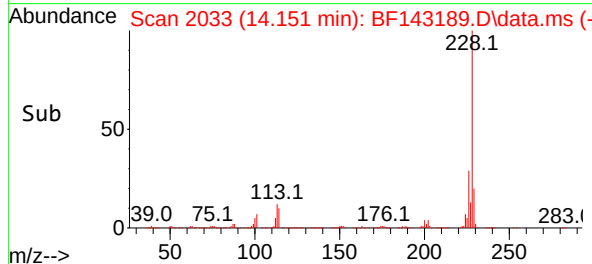
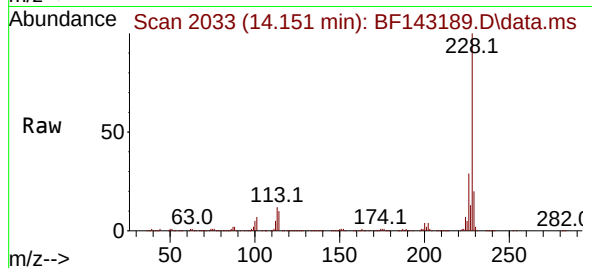
Tgt Ion:228 Resp: 568603

Ion Ratio Lower Upper

228 100

226 29.3 23.8 35.8

229 19.6 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.204 ng

RT: 14.104 min Scan# 2025

Delta R.T. 0.006 min

Lab File: BF143189.D

Acq: 22 Jul 2025 15:23

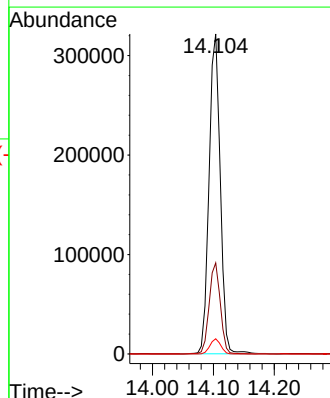
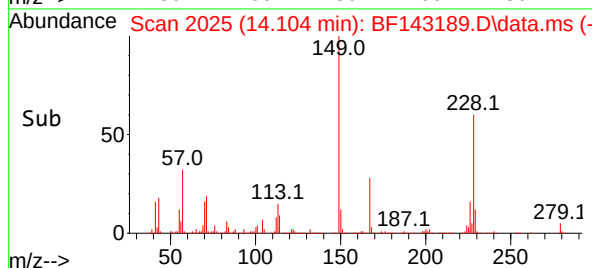
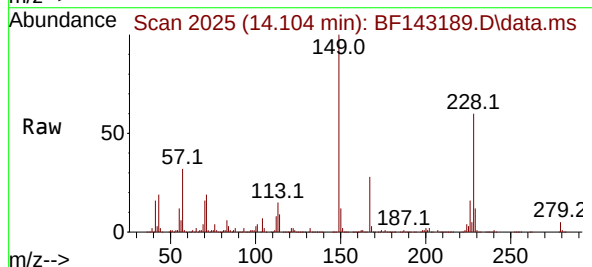
Tgt Ion:149 Resp: 410770

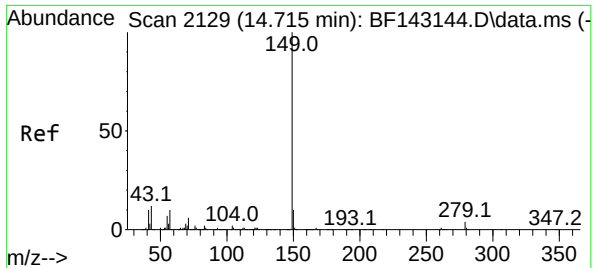
Ion Ratio Lower Upper

149 100

167 28.5 22.3 33.5

279 4.7 3.6 5.4

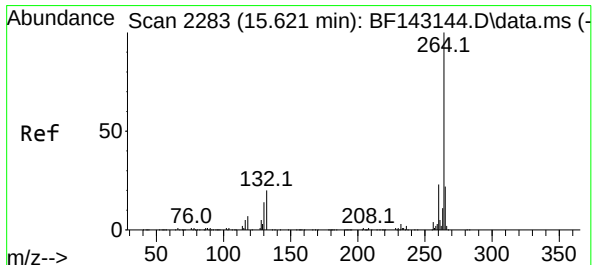
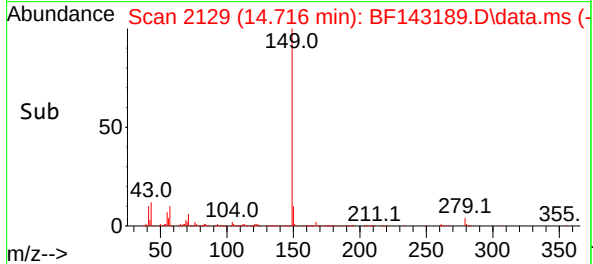
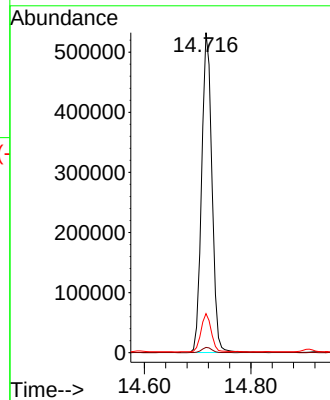
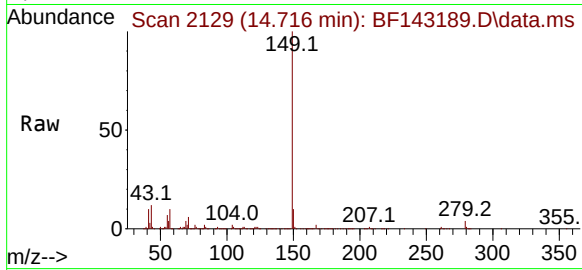




#85
Di-n-octyl phthalate
Concen: 42.471 ng
RT: 14.716 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

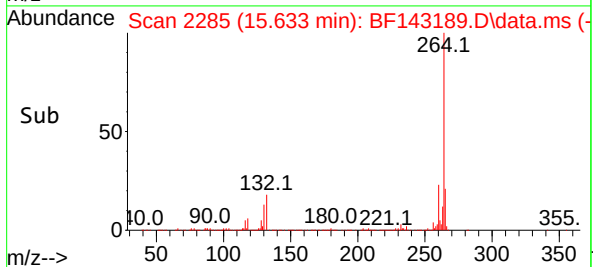
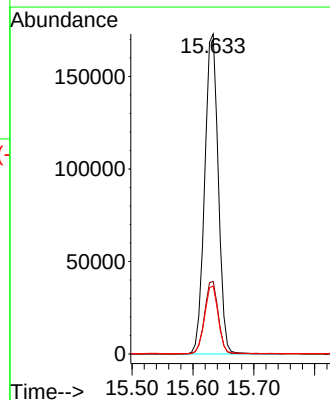
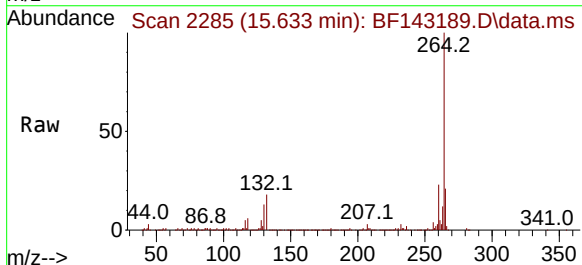
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

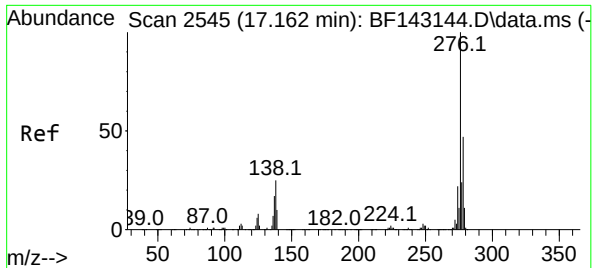
Tgt Ion:149 Resp: 715376
Ion Ratio Lower Upper
149 100
167 1.7 1.1 1.7#
43 11.9 9.7 14.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.633 min Scan# 2285
Delta R.T. 0.012 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion:264 Resp: 268523
Ion Ratio Lower Upper
264 100
260 22.7 18.5 27.7
265 21.2 17.4 26.2

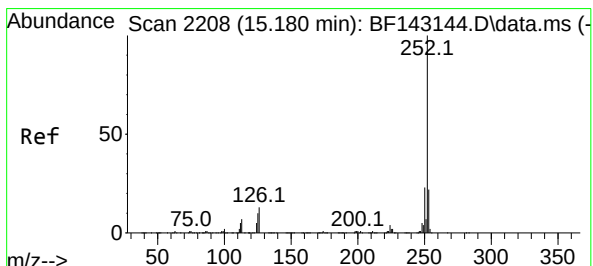
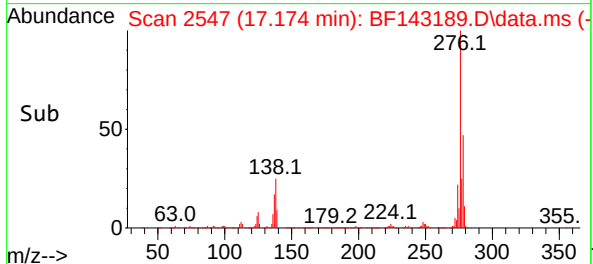
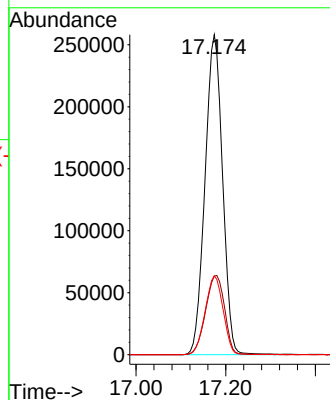
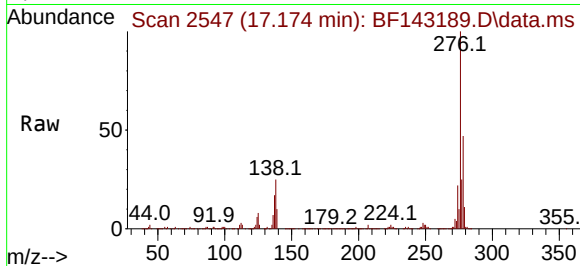




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 36.972 ng
 RT: 17.174 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF143189.D
 Acq: 22 Jul 2025 15:23

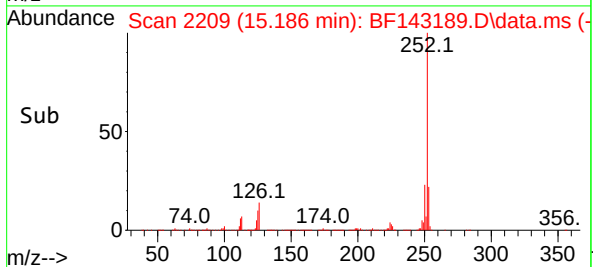
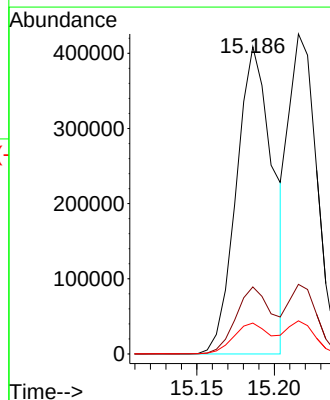
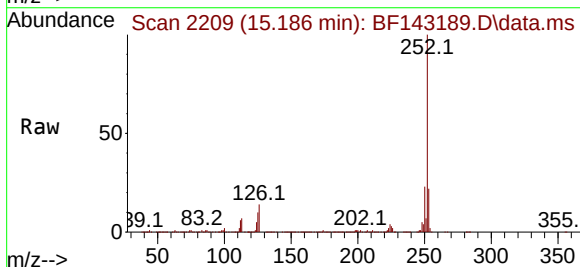
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

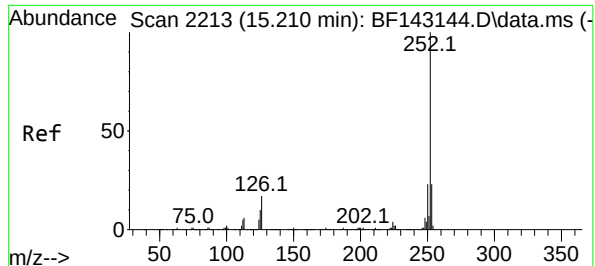
Tgt Ion:276 Resp: 700038
 Ion Ratio Lower Upper
 276 100
 138 26.7 21.8 32.6
 277 25.3 20.0 30.0



#88
 Benzo(b)fluoranthene
 Concen: 40.793 ng
 RT: 15.186 min Scan# 2209
 Delta R.T. 0.006 min
 Lab File: BF143189.D
 Acq: 22 Jul 2025 15:23

Tgt Ion:252 Resp: 669179
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.5 26.3
 125 10.1 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 36.651 ng

RT: 15.216 min Scan# 2213

Delta R.T. 0.006 min

Lab File: BF143189.D

Acq: 22 Jul 2025 15:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

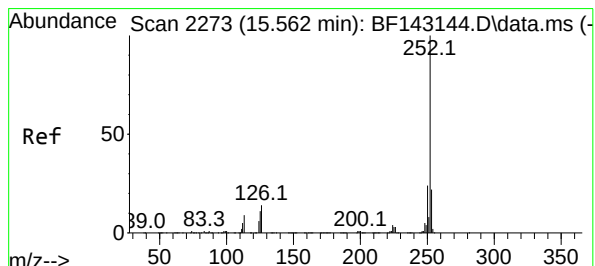
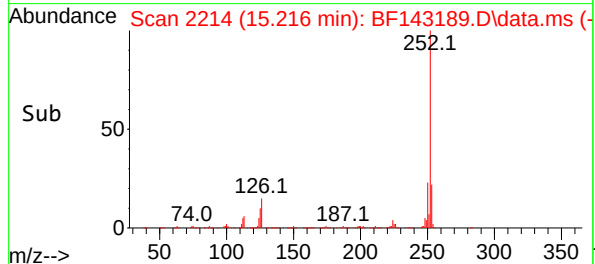
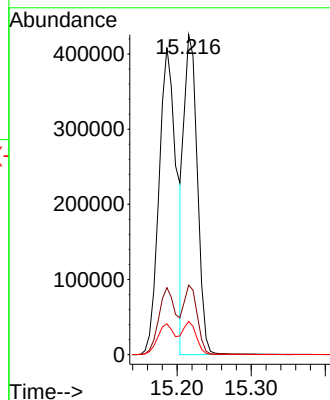
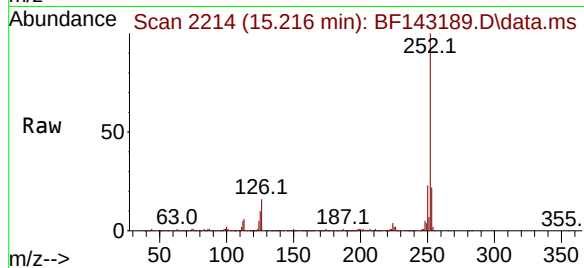
Tgt Ion:252 Resp: 536517

Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.6

125 10.4 8.1 12.1



#90

Benzo(a)pyrene

Concen: 39.621 ng

RT: 15.568 min Scan# 2274

Delta R.T. 0.006 min

Lab File: BF143189.D

Acq: 22 Jul 2025 15:23

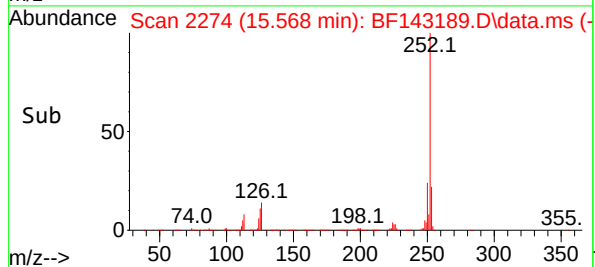
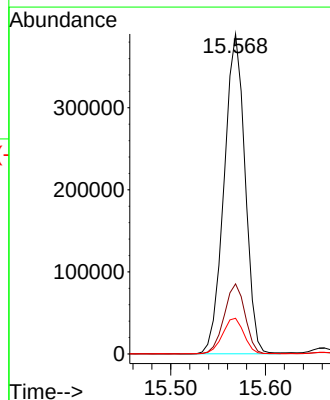
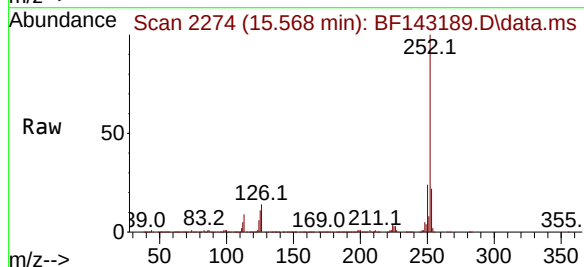
Tgt Ion:252 Resp: 598833

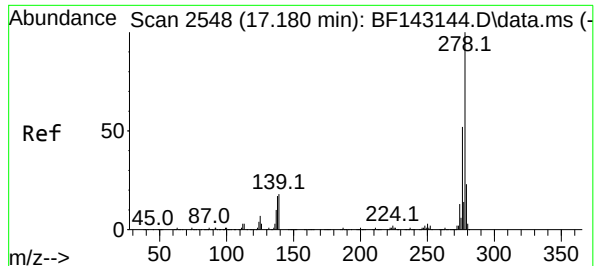
Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 11.2 8.6 13.0

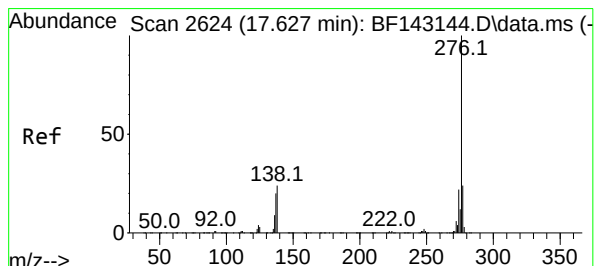
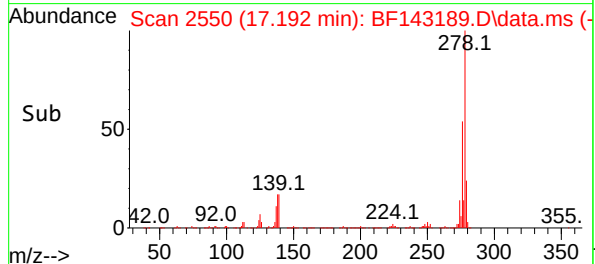
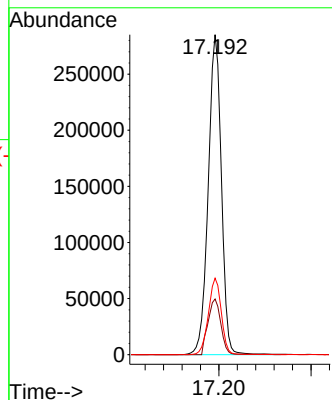
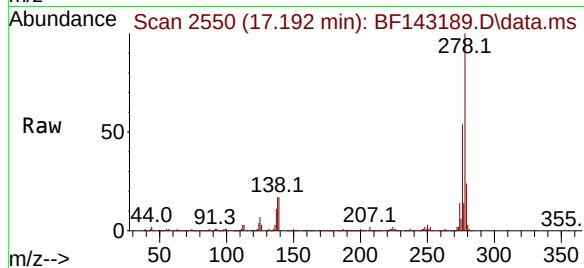




#91
Dibenzo(a,h)anthracene
Concen: 36.822 ng
RT: 17.192 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

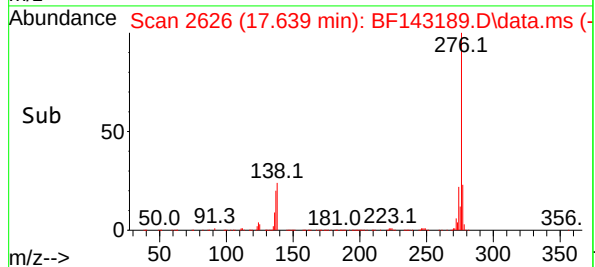
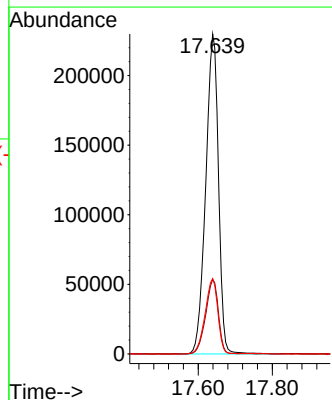
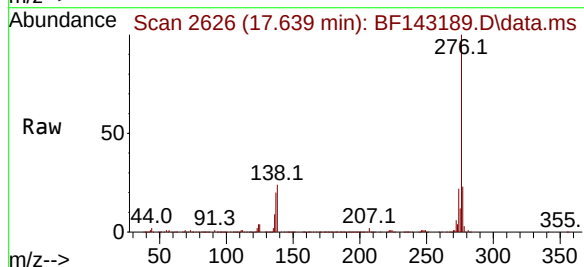
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 567481
Ion Ratio Lower Upper
278 100
139 17.4 14.1 21.1
279 23.9 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 36.812 ng
RT: 17.639 min Scan# 2626
Delta R.T. 0.012 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion:276 Resp: 548789
Ion Ratio Lower Upper
276 100
277 23.3 19.1 28.7
138 23.6 18.9 28.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
 Data File : BF143189.D
 Acq On : 22 Jul 2025 15:23
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Jul 22 15:54:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	73	0.00
2	1,4-Dioxane	0.598	0.582	2.7	71	-0.01
3	Pyridine	1.552	1.527	1.6	73	0.00
4	n-Nitrosodimethylamine	0.801	0.806	-0.6	72	-0.01
5 S	2-Fluorophenol	1.264	1.251	1.0	74	0.00
6	Aniline	2.217	2.210	0.3	73	0.00
7 S	Phenol-d6	1.591	1.592	-0.1	75	0.00
8	2-Chlorophenol	1.325	1.341	-1.2	75	0.00
9	Benzaldehyde	1.193	1.131	5.2	57	0.00
10 C	Phenol	1.733	1.829	-5.5	78	0.00
11	bis(2-Chloroethyl)ether	1.327	1.315	0.9	74	0.00
12	1,3-Dichlorobenzene	1.439	1.432	0.5	74	0.00
13 C	1,4-Dichlorobenzene	1.449	1.455	-0.4	75	0.00
14	1,2-Dichlorobenzene	1.378	1.395	-1.2	76	0.00
15	Benzyl Alcohol	1.215	1.240	-2.1	74	0.00
16	2,2'-oxybis(1-Chloropropane	2.461	2.490	-1.2	75	0.00
17	2-Methylphenol	1.114	1.126	-1.1	75	0.00
18	Hexachloroethane	0.502	0.518	-3.2	76	0.00
19 P	n-Nitroso-di-n-propylamine	1.021	0.994	2.6	73	0.00
20	3+4-Methylphenols	1.351	1.397	-3.4	76	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	74	0.00
22	Acetophenone	0.474	0.462	2.5	75	0.00
23 S	Nitrobenzene-d5	0.401	0.408	-1.7	76	0.00
24	Nitrobenzene	0.374	0.383	-2.4	76	0.00
25	Isophorone	0.708	0.695	1.8	74	0.00
26 C	2-Nitrophenol	0.162	0.179	-10.5	77	0.00
27	2,4-Dimethylphenol	0.331	0.323	2.4	74	0.00
28	bis(2-Chloroethoxy)methane	0.425	0.414	2.6	74	0.00
29 C	2,4-Dichlorophenol	0.279	0.281	-0.7	75	0.00
30	1,2,4-Trichlorobenzene	0.302	0.296	2.0	75	0.00
31	Naphthalene	0.985	0.970	1.5	75	0.00
32	Benzoic acid	0.169	0.200	-18.3	82	0.00
33	4-Chloroaniline	0.402	0.399	0.7	76	0.00
34 C	Hexachlorobutadiene	0.184	0.183	0.5	75	0.00
35	Caprolactam	0.084	0.088	-4.8	75	0.00
36 C	4-Chloro-3-methylphenol	0.303	0.301	0.7	74	0.00
37	2-Methylnaphthalene	0.599	0.588	1.8	75	0.00
38	1-Methylnaphthalene	0.617	0.610	1.1	75	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	74	0.00
40	1,2,4,5-Tetrachlorobenzene	0.577	0.559	3.1	76	0.00
41 P	Hexachlorocyclopentadiene	0.376	0.371	1.3	74	0.00
42 S	2,4,6-Tribromophenol	0.207	0.210	-1.4	74	0.00
43 C	2,4,6-Trichlorophenol	0.400	0.390	2.5	76	0.00
44	2,4,5-Trichlorophenol	0.400	0.403	-0.8	74	0.00
45 S	2-Fluorobiphenyl	1.462	1.403	4.0	77	0.00
46	1,1'-Biphenyl	1.560	1.528	2.1	76	0.00
47	2-Chloronaphthalene	1.155	1.118	3.2	75	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
 Data File : BF143189.D
 Acq On : 22 Jul 2025 15:23
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Jul 22 15:54:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48	2-Nitroaniline	0.362	0.387	-6.9	76	0.00
49	Acenaphthylene	1.935	1.893	2.2	76	0.00
50	Dimethylphthalate	1.304	1.276	2.1	74	0.00
51	2,6-Dinitrotoluene	0.265	0.276	-4.2	74	0.00
52 C	Acenaphthene	1.144	1.128	1.4	77	0.00
53	3-Nitroaniline	0.310	0.319	-2.9	75	0.00
54 P	2,4-Dinitrophenol	0.098	0.122	-24.5	87	0.00
55	Dibenzofuran	1.698	1.649	2.9	75	0.00
56 P	4-Nitrophenol	0.232	0.233	-0.4	71	0.00
57	2,4-Dinitrotoluene	0.333	0.359	-7.8	75	0.00
58	Fluorene	1.274	1.222	4.1	75	0.00
59	2,3,4,6-Tetrachlorophenol	0.331	0.337	-1.8	75	0.00
60	Diethylphthalate	1.289	1.256	2.6	74	0.00
61	4-Chlorophenyl-phenylether	0.635	0.614	3.3	75	0.00
62	4-Nitroaniline	0.266	0.274	-3.0	73	0.00
63	Azobenzene	1.343	1.289	4.0	73	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	73	0.00
65	4,6-Dinitro-2-methylphenol	0.094	0.107	-13.8	80	0.00
66 c	n-Nitrosodiphenylamine	0.704	0.682	3.1	74	0.00
67	4-Bromophenyl-phenylether	0.238	0.235	1.3	75	0.00
68	Hexachlorobenzene	0.249	0.241	3.2	73	0.00
69	Atrazine	0.194	0.198	-2.1	73	0.00
70 C	Pentachlorophenol	0.147	0.155	-5.4	76	0.00
71	Phenanthrene	1.062	1.041	2.0	74	0.00
72	Anthracene	1.083	1.067	1.5	75	0.00
73	Carbazole	0.946	0.943	0.3	74	0.00
74	Di-n-butylphthalate	1.070	1.074	-0.4	73	0.00
75 C	Fluoranthene	0.975	0.970	0.5	74	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	79	0.00
77	Benzydine	0.771	0.790	-2.5	66	0.00
78	Pyrene	1.707	1.627	4.7	75	0.00
79 S	Terphenyl-d14	1.344	1.253	6.8	76	0.00
80	Butylbenzylphthalate	0.523	0.609	-16.4	89	0.00
81	Benzo(a)anthracene	1.339	1.312	2.0	81	0.00
82	3,3'-Dichlorobenzidine	0.446	0.479	-7.4	89	0.00
83	Chrysene	1.204	1.210	-0.5	80	0.00
84	Bis(2-ethylhexyl)phthalate	0.791	0.874	-10.5	88	0.00
85 c	Di-n-octyl phthalate	1.434	1.523	-6.2	87	0.00
86 I	Perylene-d12	1.000	1.000	0.0	83	0.01
87	Indeno(1,2,3-cd)pyrene	1.410	1.303	7.6	77	0.01
88	Benzo(b)fluoranthene	1.222	1.246	-2.0	90	0.00
89	Benzo(k)fluoranthene	1.090	0.999	8.3	73	0.00
90 C	Benzo(a)pyrene	1.126	1.115	1.0	83	0.00
91	Dibenzo(a,h)anthracene	1.148	1.057	7.9	76	0.01
92	Benzo(g,h,i)perylene	1.110	1.022	7.9	76	0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143189.D
Acq On : 22 Jul 2025 15:23
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jul 22 15:54:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range

SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
 Data File : BF143189.D
 Acq On : 22 Jul 2025 15:23
 Operator : RC/JU
 Sample : SSTDCCC040
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Instrument :
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Quant Time: Jul 22 15:54:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	73	0.00
2	1,4-Dioxane	40.000	38.959	2.6	71	-0.01
3	Pyridine	40.000	39.351	1.6	73	0.00
4	n-Nitrosodimethylamine	40.000	40.224	-0.6	72	-0.01
5 S	2-Fluorophenol	80.000	79.198	1.0	74	0.00
6	Aniline	40.000	39.865	0.3	73	0.00
7 S	Phenol-d6	80.000	80.055	-0.1	75	0.00
8	2-Chlorophenol	40.000	40.492	-1.2	75	0.00
9	Benzaldehyde	40.000	37.926	5.2	57	0.00
10 C	Phenol	40.000	42.211	-5.5	78	0.00
11	bis(2-Chloroethyl)ether	40.000	39.634	0.9	74	0.00
12	1,3-Dichlorobenzene	40.000	39.797	0.5	74	0.00
13 C	1,4-Dichlorobenzene	40.000	40.163	-0.4	75	0.00
14	1,2-Dichlorobenzene	40.000	40.476	-1.2	76	0.00
15	Benzyl Alcohol	40.000	40.831	-2.1	74	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	40.459	-1.1	75	0.00
17	2-Methylphenol	40.000	40.419	-1.0	75	0.00
18	Hexachloroethane	40.000	41.338	-3.3	76	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	38.965	2.6	73	0.00
20	3+4-Methylphenols	40.000	41.359	-3.4	76	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	74	0.00
22	Acetophenone	40.000	38.999	2.5	75	0.00
23 S	Nitrobenzene-d5	80.000	81.266	-1.6	76	0.00
24	Nitrobenzene	40.000	40.959	-2.4	76	0.00
25	Isophorone	40.000	39.224	1.9	74	0.00
26 C	2-Nitrophenol	40.000	44.222	-10.6	77	0.00
27	2,4-Dimethylphenol	40.000	39.022	2.4	74	0.00
28	bis(2-Chloroethoxy)methane	40.000	38.989	2.5	74	0.00
29 C	2,4-Dichlorophenol	40.000	40.231	-0.6	75	0.00
30	1,2,4-Trichlorobenzene	40.000	39.298	1.8	75	0.00
31	Naphthalene	40.000	39.396	1.5	75	0.00
32	Benzoic acid	40.000	43.370	-8.4	82	0.00
33	4-Chloroaniline	40.000	39.717	0.7	76	0.00
34 C	Hexachlorobutadiene	40.000	39.691	0.8	75	0.00
35	Caprolactam	40.000	41.728	-4.3	75	0.00
36 C	4-Chloro-3-methylphenol	40.000	39.736	0.7	74	0.00
37	2-Methylnaphthalene	40.000	39.216	2.0	75	0.00
38	1-Methylnaphthalene	40.000	39.510	1.2	75	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	74	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	38.747	3.1	76	0.00
41 P	Hexachlorocyclopentadiene	40.000	39.541	1.1	74	0.00
42 S	2,4,6-Tribromophenol	80.000	81.123	-1.4	74	0.00
43 C	2,4,6-Trichlorophenol	40.000	39.086	2.3	76	0.00
44	2,4,5-Trichlorophenol	40.000	40.285	-0.7	74	0.00
45 S	2-Fluorobiphenyl	80.000	76.735	4.1	77	0.00
46	1,1'-Biphenyl	40.000	39.171	2.1	76	0.00
47	2-Chloronaphthalene	40.000	38.731	3.2	75	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
 Data File : BF143189.D
 Acq On : 22 Jul 2025 15:23
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Jul 22 15:54:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	42.740	-6.9	76	0.00
49	Acenaphthylene	40.000	39.136	2.2	76	0.00
50	Dimethylphthalate	40.000	39.152	2.1	74	0.00
51	2,6-Dinitrotoluene	40.000	41.650	-4.1	74	0.00
52 C	Acenaphthene	40.000	39.440	1.4	77	0.00
53	3-Nitroaniline	40.000	41.140	-2.9	75	0.00
54 P	2,4-Dinitrophenol	40.000	43.787	-9.5	87	0.00
55	Dibenzofuran	40.000	38.849	2.9	75	0.00
56 P	4-Nitrophenol	40.000	40.283	-0.7	71	0.00
57	2,4-Dinitrotoluene	40.000	43.119	-7.8	75	0.00
58	Fluorene	40.000	38.372	4.1	75	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	40.701	-1.8	75	0.00
60	Diethylphthalate	40.000	38.988	2.5	74	0.00
61	4-Chlorophenyl-phenylether	40.000	38.676	3.3	75	0.00
62	4-Nitroaniline	40.000	41.196	-3.0	73	0.00
63	Azobenzene	40.000	38.405	4.0	73	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	73	0.00
65	4,6-Dinitro-2-methylphenol	40.000	41.582	-4.0	80	0.00
66 c	n-Nitrosodiphenylamine	40.000	38.742	3.1	74	0.00
67	4-Bromophenyl-phenylether	40.000	39.399	1.5	75	0.00
68	Hexachlorobenzene	40.000	38.662	3.3	73	0.00
69	Atrazine	40.000	40.711	-1.8	73	0.00
70 C	Pentachlorophenol	40.000	42.369	-5.9	76	0.00
71	Phenanthrene	40.000	39.198	2.0	74	0.00
72	Anthracene	40.000	39.397	1.5	75	0.00
73	Carbazole	40.000	39.904	0.2	74	0.00
74	Di-n-butylphthalate	40.000	40.158	-0.4	73	0.00
75 C	Fluoranthene	40.000	39.801	0.5	74	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	79	0.00
77	Benzydine	40.000	40.991	-2.5	66	0.00
78	Pyrene	40.000	38.120	4.7	75	0.00
79 S	Terphenyl-d14	80.000	74.604	6.7	76	0.00
80	Butylbenzylphthalate	40.000	46.629	-16.6	89	0.00
81	Benzo(a)anthracene	40.000	39.198	2.0	81	0.00
82	3,3'-Dichlorobenzidine	40.000	42.971	-7.4	89	0.00
83	Chrysene	40.000	40.210	-0.5	80	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	44.204	-10.5	88	0.00
85 c	Di-n-octyl phthalate	40.000	42.471	-6.2	87	0.00
86 I	Perylene-d12	20.000	20.000	0.0	83	0.01
87	Indeno(1,2,3-cd)pyrene	40.000	36.972	7.6	77	0.01
88	Benzo(b)fluoranthene	40.000	40.793	-2.0	90	0.00
89	Benzo(k)fluoranthene	40.000	36.651	8.4	73	0.00
90 C	Benzo(a)pyrene	40.000	39.621	0.9	83	0.00
91	Dibenzo(a,h)anthracene	40.000	36.822	7.9	76	0.01
92	Benzo(g,h,i)perylene	40.000	36.812	8.0	76	0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143189.D
Acq On : 22 Jul 2025 15:23
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jul 22 15:54:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0



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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: ENVI60
 Lab Code: ACE SDG No.: Q2646
 Instrument ID: BNA_F Calibration Date/Time: 07/23/2025 14:33
 Lab File ID: BF143210.D Init. Calib. Date(s): 07/17/2025 07/17/2025
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:04 14:34
 GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Pyridine	1.552	1.455		-6.3	
2-Fluorophenol	1.264	1.243		-1.7	
Phenol-d6	1.591	1.523		-4.3	
1,4-Dichlorobenzene	1.449	1.442		-0.5	20.0
2-Methylphenol	1.114	1.066		-4.3	
3+4-Methylphenols	1.351	1.319		-2.4	
Nitrobenzene-d5	0.401	0.408		1.7	
Hexachloroethane	0.502	0.518		3.2	
Nitrobenzene	0.374	0.377		0.8	
Hexachlorobutadiene	0.184	0.189		2.7	20.0
2,4,6-Trichlorophenol	0.400	0.386		-3.5	20.0
2-Fluorobiphenyl	1.462	1.452		-0.7	
2,4,5-Trichlorophenol	0.400	0.402		0.5	
2,4-Dinitrotoluene	0.333	0.361		8.4	
2,4,6-Tribromophenol	0.207	0.202		-2.4	
Hexachlorobenzene	0.249	0.244		-2.0	
Pentachlorophenol	0.147	0.134		-8.8	20.0
Terphenyl-d14	1.344	1.178		-12.4	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
 Data File : BF143210.D
 Acq On : 23 Jul 2025 14:33
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jul 23 15:12:13 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	97351	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	364498	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	187438	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	309922	20.000	ng	0.00
76) Chrysene-d12	14.121	240	228057	20.000	ng	0.00
86) Perylene-d12	15.627	264	245226	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.592	112	484136	78.697	ng	0.00
7) Phenol-d6	6.592	99	593088	76.594	ng	0.00
23) Nitrobenzene-d5	7.522	82	594723	81.332	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	151520	78.251	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1088775	79.441	ng	0.00
79) Terphenyl-d14	13.063	244	1074970	70.144	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.799	88	113651	39.043	ng	98
3) Pyridine	3.575	79	283334	37.501	ng	98
4) n-Nitrosodimethylamine	3.510	42	151578	38.857	ng	97
6) Aniline	6.628	93	402849	37.330	ng	99
8) 2-Chlorophenol	6.751	128	252794	39.203	ng	97
9) Benzaldehyde	6.510	77	207569	35.749	ng	98
10) Phenol	6.604	94	336045	39.837	ng	97
11) bis(2-Chloroethyl)ether	6.692	93	244219	37.812	ng	99
12) 1,3-Dichlorobenzene	6.910	146	281071	40.124	ng	98
13) 1,4-Dichlorobenzene	6.981	146	280709	39.792	ng	99
14) 1,2-Dichlorobenzene	7.134	146	269162	40.116	ng	99
15) Benzyl Alcohol	7.098	79	228448	38.639	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	450642	37.612	ng	99
17) 2-Methylphenol	7.210	107	207561	38.282	ng	99
18) Hexachloroethane	7.481	117	100851	41.296	ng	98
19) n-Nitroso-di-n-propyla...	7.369	70	180795	36.393	ng	98
20) 3+4-Methylphenols	7.363	107	256887	39.051	ng	# 77
22) Acetophenone	7.369	105	335287	38.853	ng	# 99
24) Nitrobenzene	7.539	77	274884	40.321	ng	99
25) Isophorone	7.781	82	487827	37.791	ng	98
26) 2-Nitrophenol	7.857	139	130397	44.072	ng	99
27) 2,4-Dimethylphenol	7.892	122	230195	38.169	ng	99
28) bis(2-Chloroethoxy)met...	7.986	93	292069	37.737	ng	99
29) 2,4-Dichlorophenol	8.098	162	200347	39.391	ng	99
30) 1,2,4-Trichlorobenzene	8.186	180	223983	40.763	ng	100
31) Naphthalene	8.269	128	713073	39.723	ng	99
32) Benzoic acid	7.986	122	138803	41.627	ng	98
33) 4-Chloroaniline	8.310	127	280428	38.259	ng	99
34) Hexachlorobutadiene	8.386	225	137489	40.960	ng	99
35) Caprolactam	8.663	113	62853	40.895	ng	99
36) 4-Chloro-3-methylphenol	8.786	107	214294	38.764	ng	97
37) 2-Methylnaphthalene	8.957	142	432353	39.580	ng	100
38) 1-Methylnaphthalene	9.057	142	448502	39.872	ng	99
40) 1,2,4,5-Tetrachloroben...	9.122	216	216223	39.956	ng	99
41) Hexachlorocyclopentadiene	9.116	237	148176	42.082	ng	98
43) 2,4,6-Trichlorophenol	9.233	196	144660	38.625	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
 Data File : BF143210.D
 Acq On : 23 Jul 2025 14:33
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jul 23 15:12:13 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

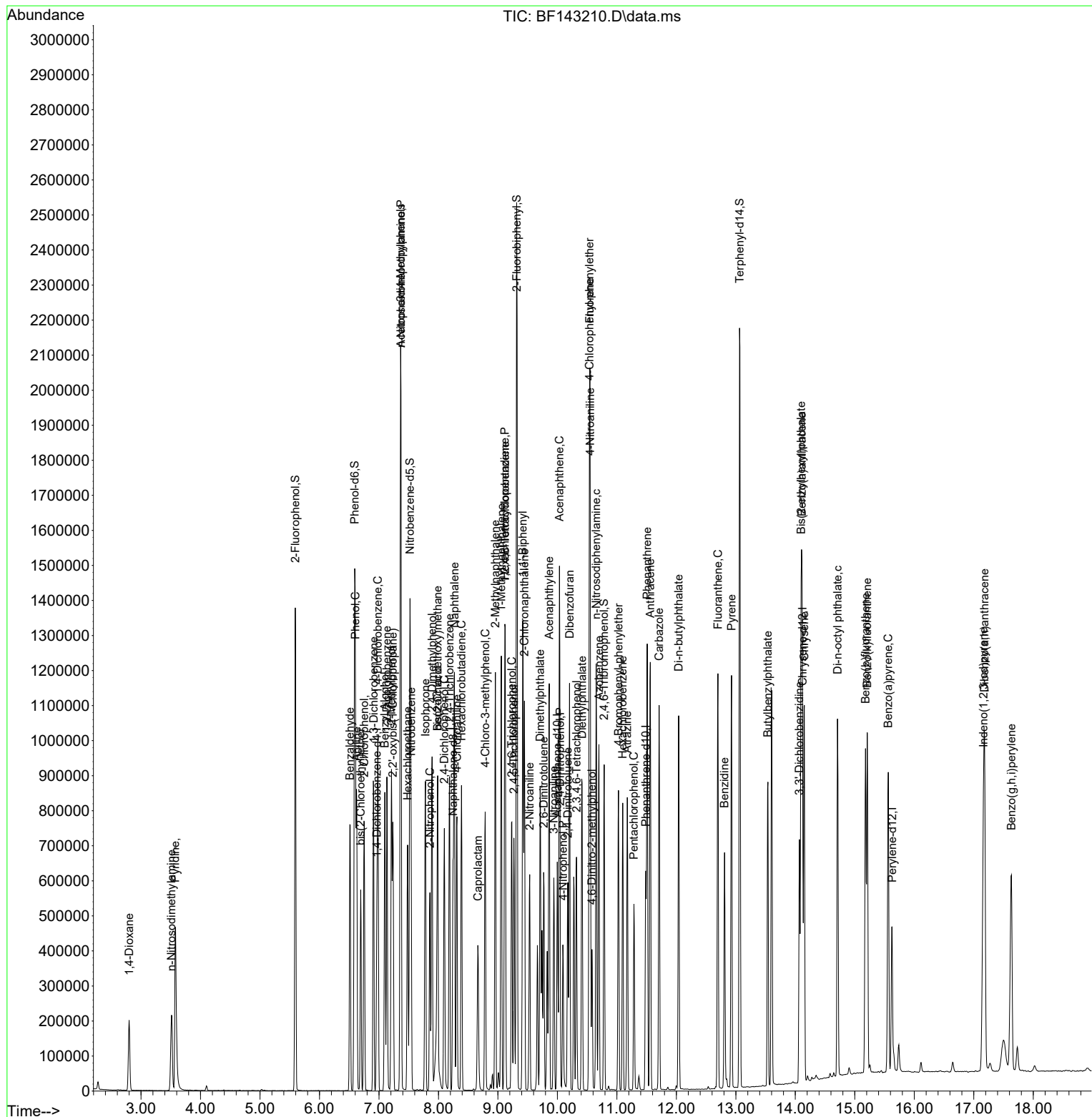
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	150645	40.211	ng	98
46) 1,1'-Biphenyl	9.416	154	576976	39.454	ng	100
47) 2-Chloronaphthalene	9.445	162	421533	38.957	ng	99
48) 2-Nitroaniline	9.533	65	139765	41.188	ng	99
49) Acenaphthylene	9.863	152	707016	38.989	ng	100
50) Dimethylphthalate	9.710	163	482643	39.503	ng	100
51) 2,6-Dinitrotoluene	9.769	165	101938	41.014	ng	96
52) Acenaphthene	10.033	154	424478	39.605	ng	99
53) 3-Nitroaniline	9.939	138	120421	41.423	ng	98
54) 2,4-Dinitrophenol	10.045	184	45389	43.601	ng #	50
55) Dibenzofuran	10.204	168	625794	39.327	ng	100
56) 4-Nitrophenol	10.092	139	90214	41.556	ng	97
57) 2,4-Dinitrotoluene	10.175	165	135422	43.429	ng	96
58) Fluorene	10.545	166	476175	39.871	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.322	232	111208	35.835	ng	98
60) Diethylphthalate	10.416	149	478128	39.593	ng	100
61) 4-Chlorophenyl-phenyle...	10.539	204	238049	40.030	ng	98
62) 4-Nitroaniline	10.551	138	108074	43.376	ng	99
63) Azobenzene	10.698	77	489180	38.867	ng	99
65) 4,6-Dinitro-2-methylph...	10.580	198	65757	41.322	ng	94
66) n-Nitrosodiphenylamine	10.651	169	413888	37.925	ng	100
67) 4-Bromophenyl-phenylether	11.027	248	142152	38.488	ng	99
68) Hexachlorobenzene	11.098	284	150979	39.109	ng	99
69) Atrazine	11.174	200	126687	42.107	ng	99
70) Pentachlorophenol	11.286	266	83028	36.572	ng	99
71) Phenanthrene	11.510	178	646817	39.306	ng	100
72) Anthracene	11.563	178	667319	39.761	ng	100
73) Carbazole	11.710	167	608177	41.500	ng	99
74) Di-n-butylphthalate	12.039	149	733248	44.219	ng	100
75) Fluoranthene	12.698	202	673881	44.615	ng	99
77) Benzidine	12.810	184	357711	40.712	ng	98
78) Pyrene	12.927	202	676567	34.761	ng	99
80) Butylbenzylphthalate	13.539	149	280954	47.140	ng	97
81) Benzo(a)anthracene	14.110	228	581201	38.065	ng	100
82) 3,3'-Dichlorobenzidine	14.068	252	196307	38.576	ng	100
83) Chrysene	14.151	228	547436	39.878	ng	99
84) Bis(2-ethylhexyl)phtha...	14.098	149	392081	43.463	ng	99
85) Di-n-octyl phthalate	14.710	149	657230	40.193	ng	99
87) Indeno(1,2,3-cd)pyrene	17.162	276	665501	38.487	ng	99
88) Benzo(b)fluoranthene	15.180	252	626496	41.819	ng	99
89) Benzo(k)fluoranthene	15.210	252	489587	36.623	ng	100
90) Benzo(a)pyrene	15.562	252	543505	39.377	ng	99
91) Dibenzo(a,h)anthracene	17.180	278	544233	38.668	ng	99
92) Benzo(g,h,i)perylene	17.633	276	538105	39.524	ng	99

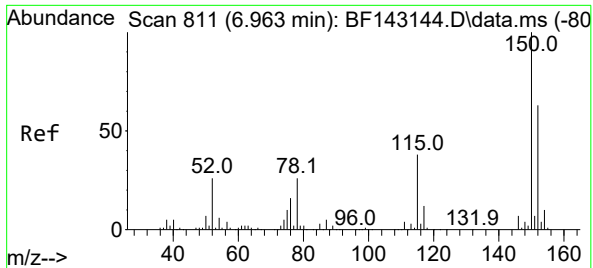
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143210.D
Acq On : 23 Jul 2025 14:33
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jul 23 15:12:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

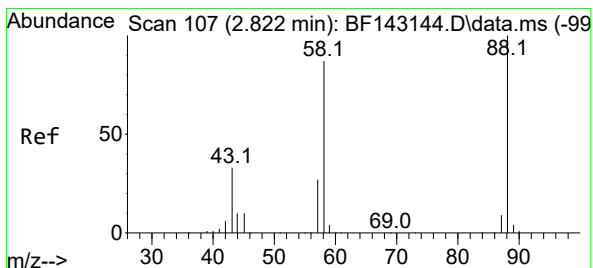
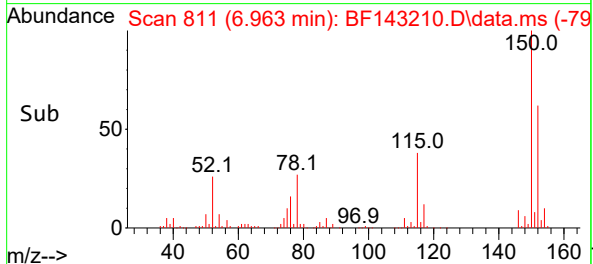
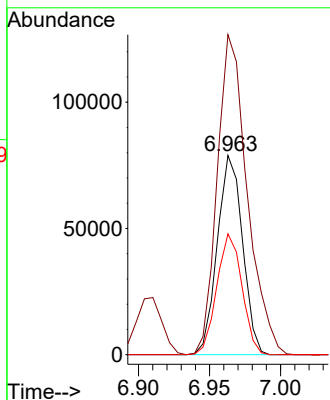
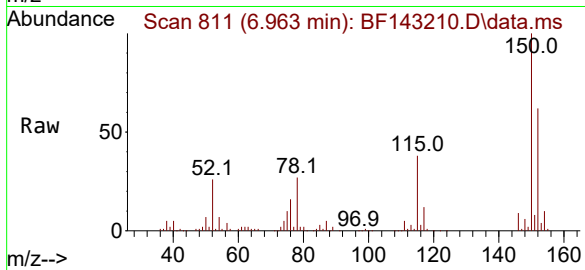




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

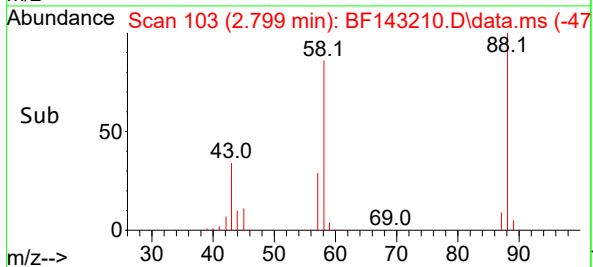
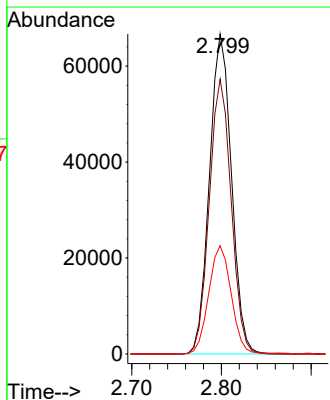
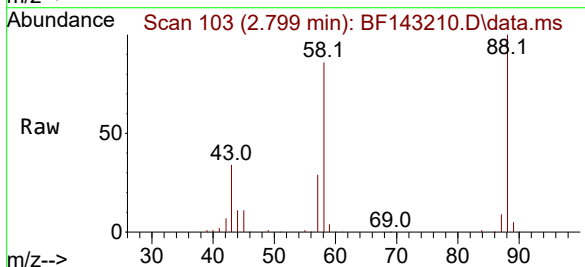
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

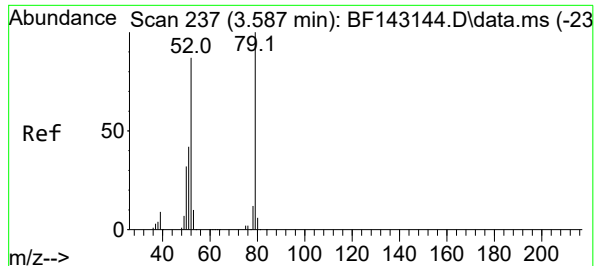
Tgt Ion:152 Resp: 97351
Ion Ratio Lower Upper
152 100
150 160.7 128.2 192.4
115 60.7 47.9 71.9



#2
1,4-Dioxane
Concen: 39.043 ng
RT: 2.799 min Scan# 103
Delta R.T. -0.024 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion: 88 Resp: 113651
Ion Ratio Lower Upper
88 100
58 85.3 70.2 105.2
43 34.6 27.1 40.7





#3

Pyridine

Concen: 37.501 ng

RT: 3.575 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF143210.D

Acq: 23 Jul 2025 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

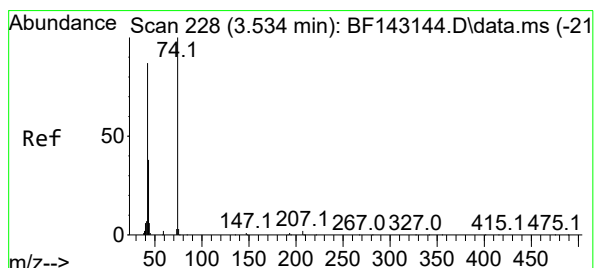
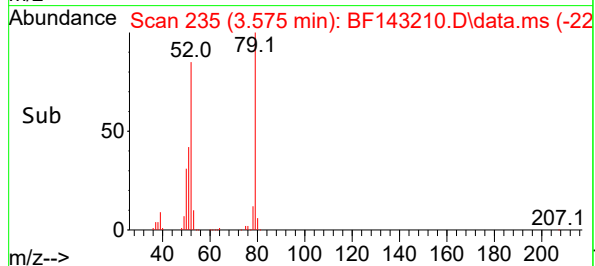
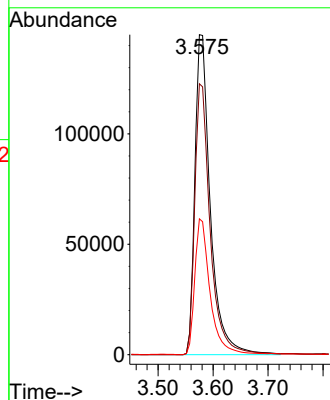
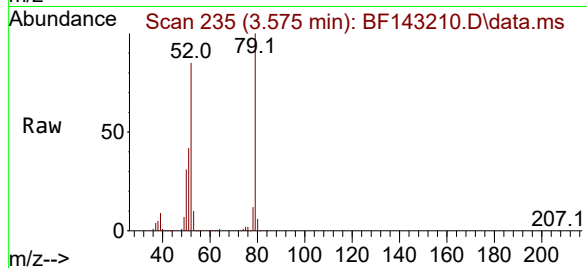
Tgt Ion: 79 Resp: 283334

Ion Ratio Lower Upper

79 100

52 84.7 69.4 104.2

51 42.4 33.5 50.3



#4

n-Nitrosodimethylamine

Concen: 38.857 ng

RT: 3.510 min Scan# 224

Delta R.T. -0.024 min

Lab File: BF143210.D

Acq: 23 Jul 2025 14:33

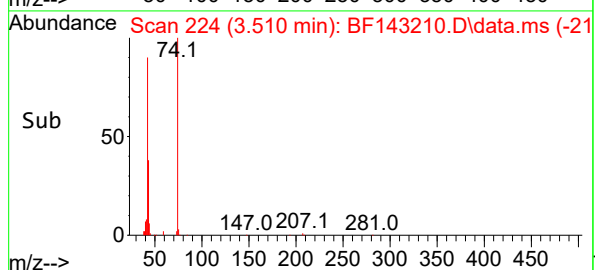
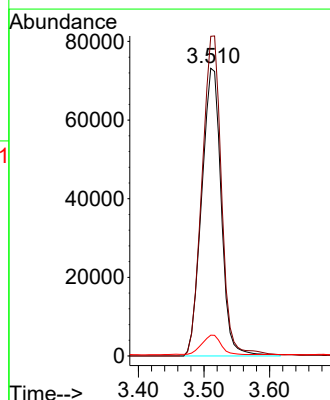
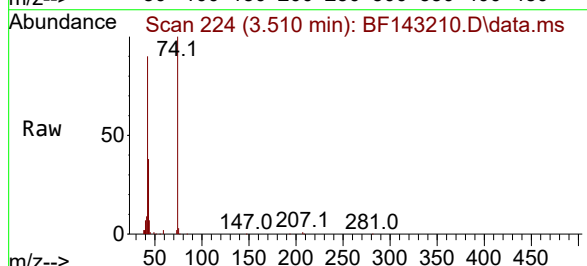
Tgt Ion: 42 Resp: 151578

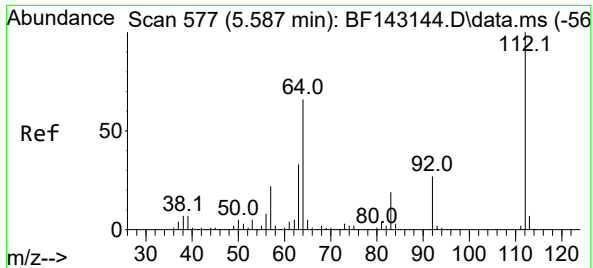
Ion Ratio Lower Upper

42 100

74 111.1 91.7 137.5

44 7.3 5.6 8.4

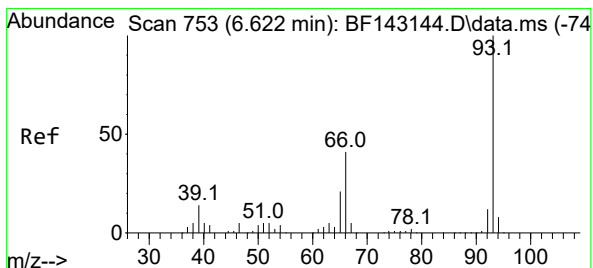
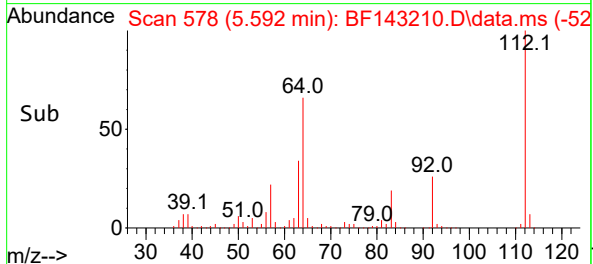
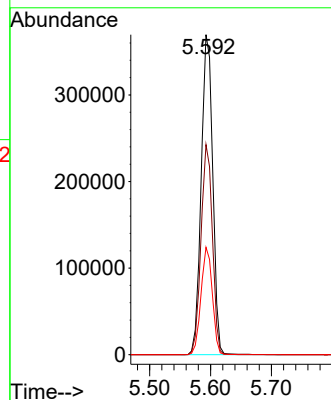
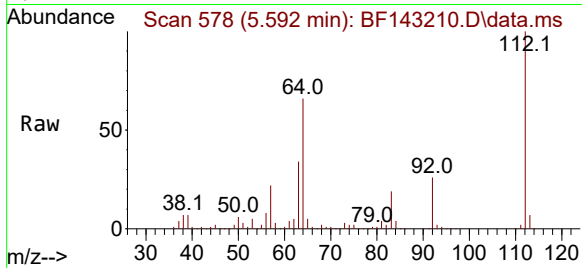




#5
2-Fluorophenol
Concen: 78.697 ng
RT: 5.592 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

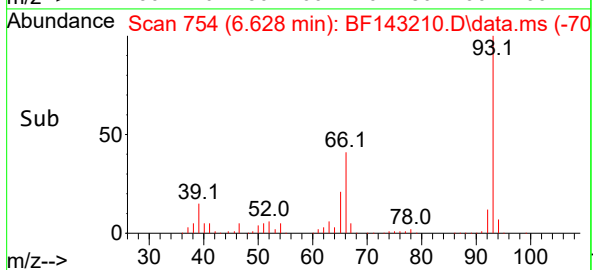
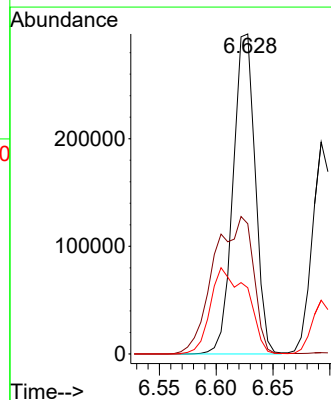
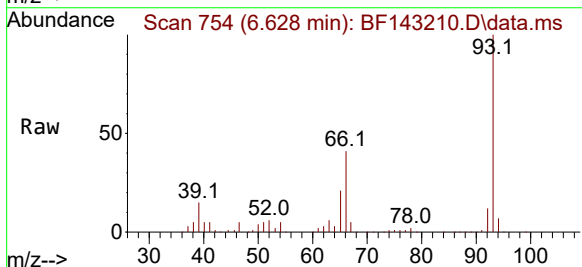
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

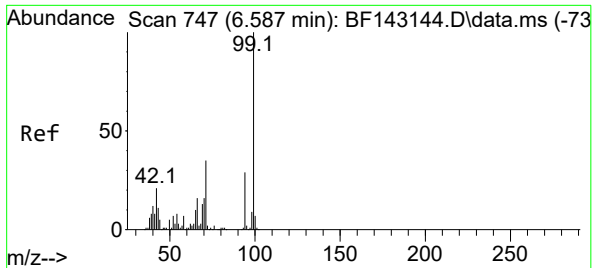
Tgt Ion:112 Resp: 484136
Ion Ratio Lower Upper
112 100
64 65.6 53.1 79.7
63 33.5 26.6 40.0



#6
Aniline
Concen: 37.330 ng
RT: 6.628 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion: 93 Resp: 402849
Ion Ratio Lower Upper
93 100
66 40.7 33.2 49.8
65 20.7 16.9 25.3

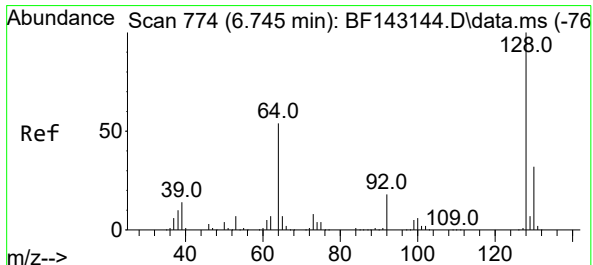
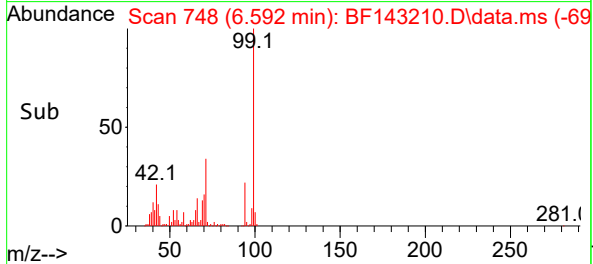
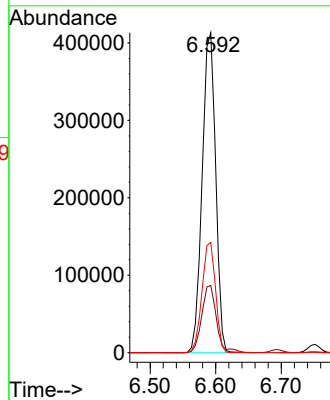
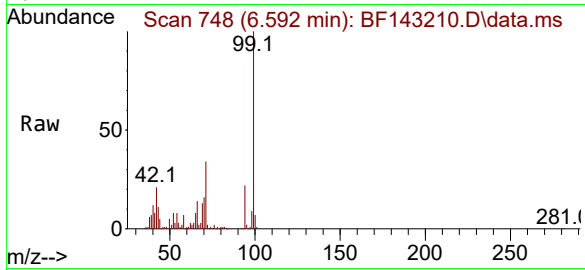




#7
Phenol-d6
Concen: 76.594 ng
RT: 6.592 min Scan# 747
Delta R.T. 0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

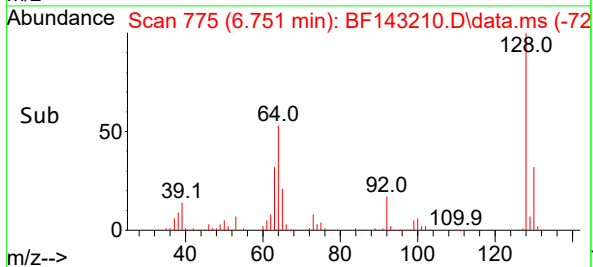
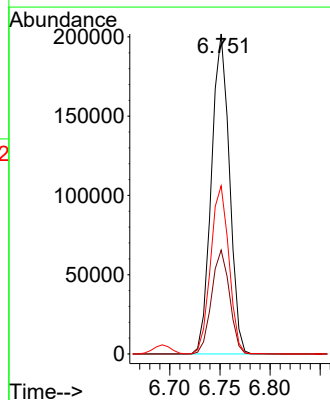
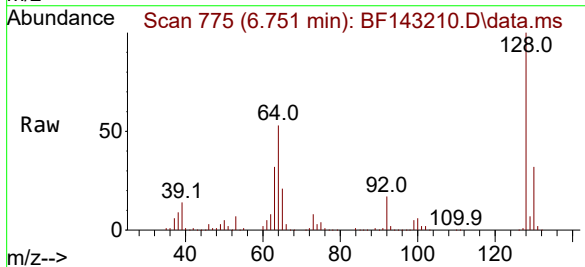
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

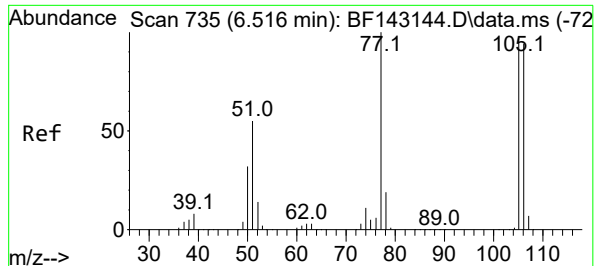
Tgt Ion: 99 Resp: 593088
Ion Ratio Lower Upper
99 100
42 21.0 17.0 25.6
71 34.5 27.7 41.5



#8
2-Chlorophenol
Concen: 39.203 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion: 128 Resp: 252794
Ion Ratio Lower Upper
128 100
130 32.5 12.3 52.3
64 52.6 35.9 75.9





#9

Benzaldehyde

Concen: 35.749 ng

RT: 6.510 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF143210.D

Acq: 23 Jul 2025 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

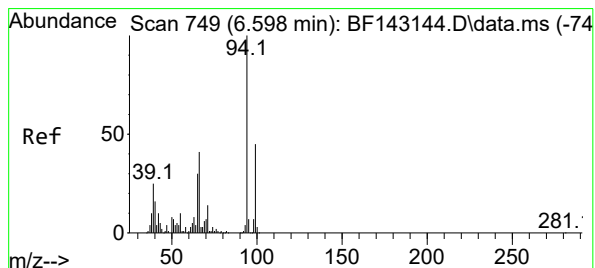
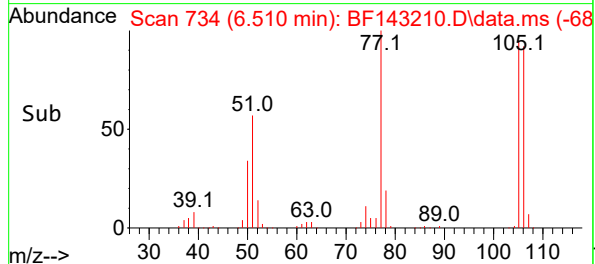
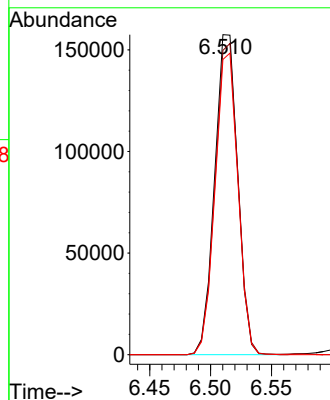
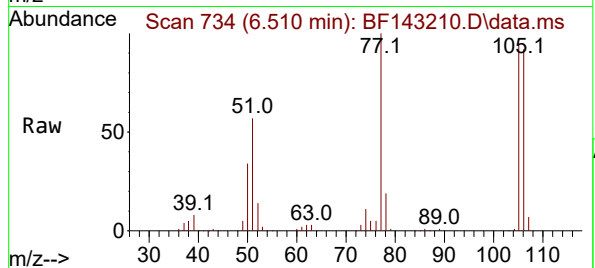
Tgt Ion: 77 Resp: 207569

Ion Ratio Lower Upper

77 100

105 95.1 76.8 116.8

106 92.3 74.4 114.4



#10

Phenol

Concen: 39.837 ng

RT: 6.604 min Scan# 750

Delta R.T. 0.006 min

Lab File: BF143210.D

Acq: 23 Jul 2025 14:33

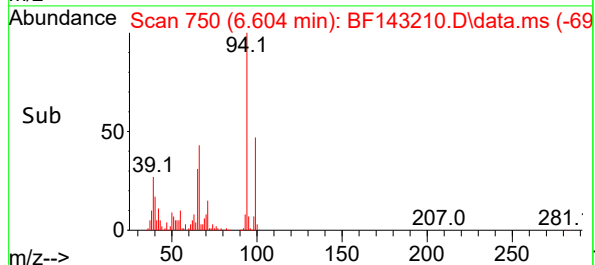
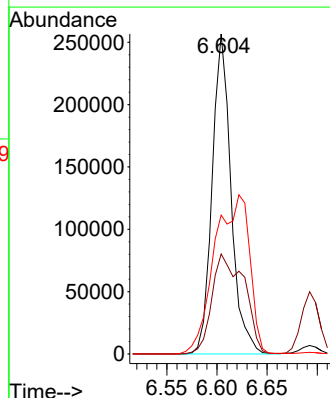
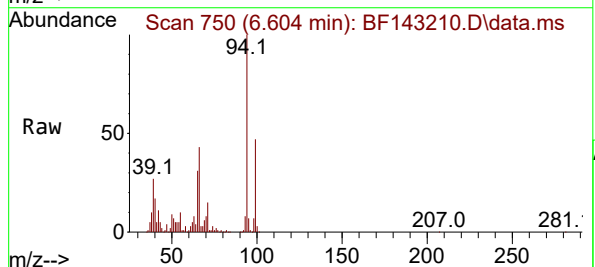
Tgt Ion: 94 Resp: 336045

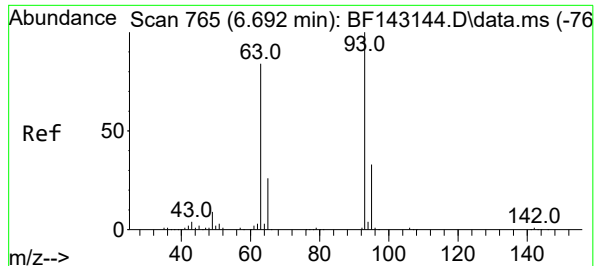
Ion Ratio Lower Upper

94 100

65 31.2 10.0 50.0

66 43.4 20.8 60.8





#11

bis(2-Chloroethyl)ether

Concen: 37.812 ng

RT: 6.692 min Scan# 765

Delta R.T. -0.000 min

Lab File: BF143210.D

Acq: 23 Jul 2025 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

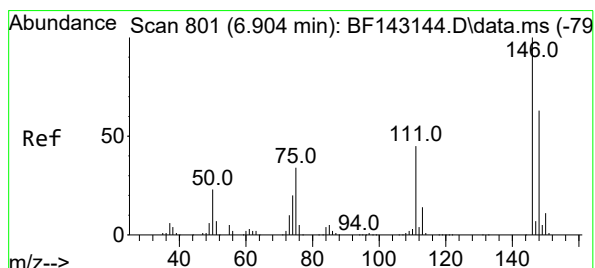
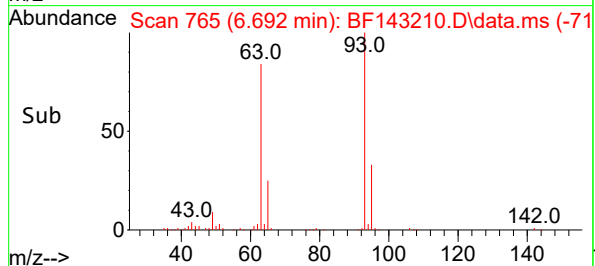
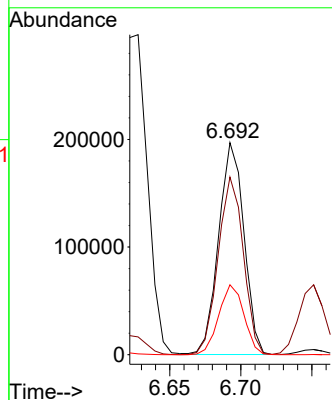
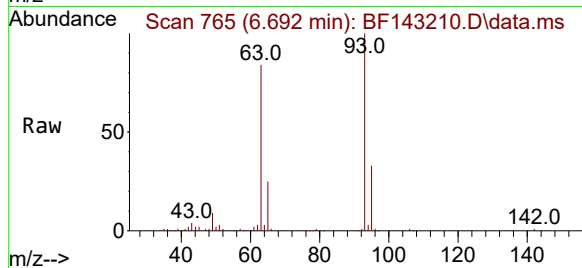
Tgt Ion: 93 Resp: 244219

Ion Ratio Lower Upper

93 100

63 83.8 63.4 103.4

95 33.0 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 40.124 ng

RT: 6.910 min Scan# 802

Delta R.T. 0.006 min

Lab File: BF143210.D

Acq: 23 Jul 2025 14:33

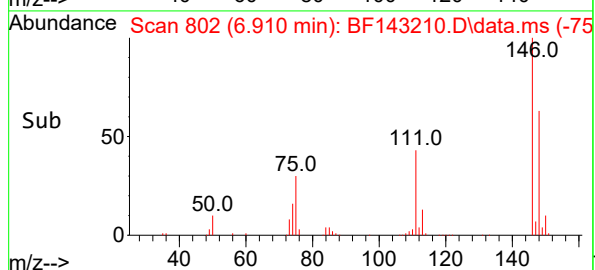
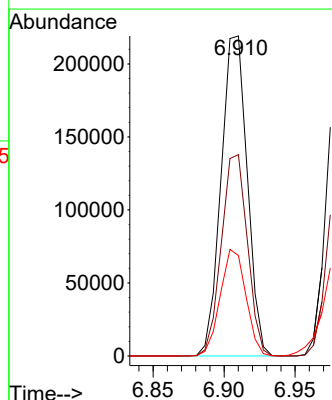
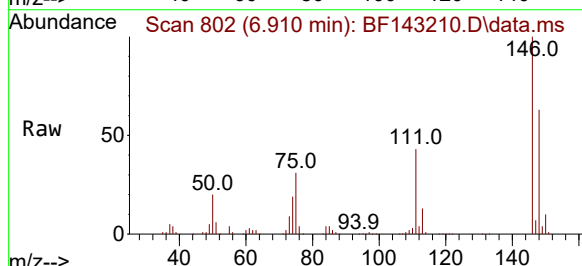
Tgt Ion:146 Resp: 281071

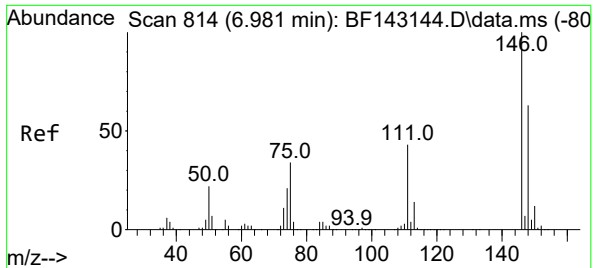
Ion Ratio Lower Upper

146 100

148 62.9 50.6 76.0

75 31.4 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 39.792 ng

RT: 6.981 min Scan# 814

Delta R.T. -0.000 min

Lab File: BF143210.D

Acq: 23 Jul 2025 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

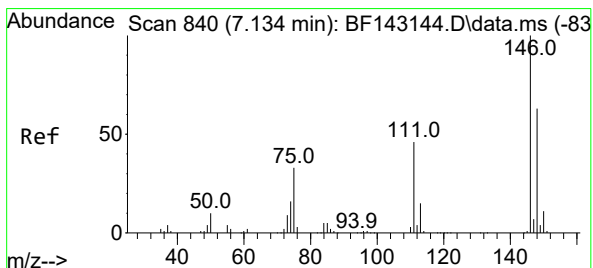
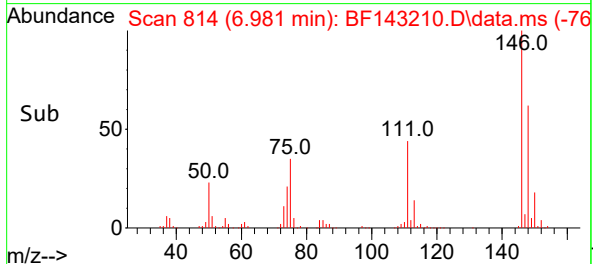
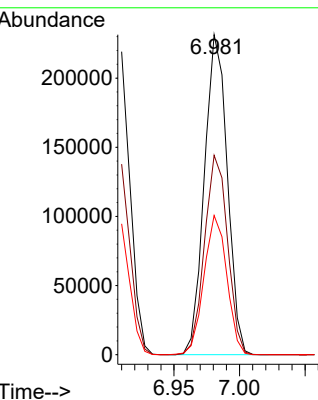
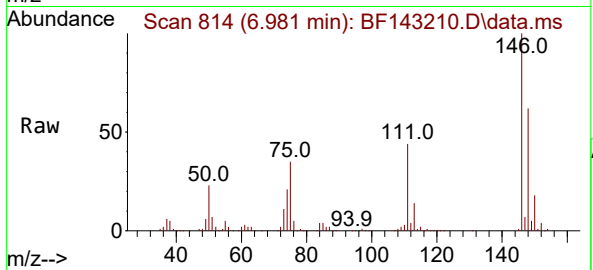
Tgt Ion:146 Resp: 280709

Ion Ratio Lower Upper

146 100

148 62.3 50.3 75.5

111 43.5 34.4 51.6



#14

1,2-Dichlorobenzene

Concen: 40.116 ng

RT: 7.134 min Scan# 840

Delta R.T. -0.000 min

Lab File: BF143210.D

Acq: 23 Jul 2025 14:33

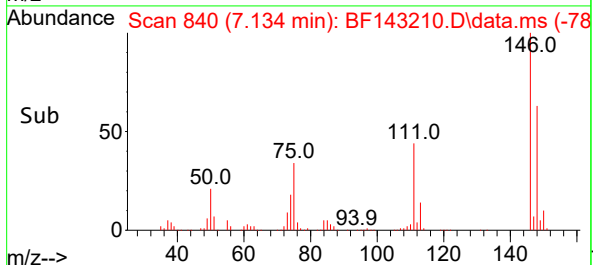
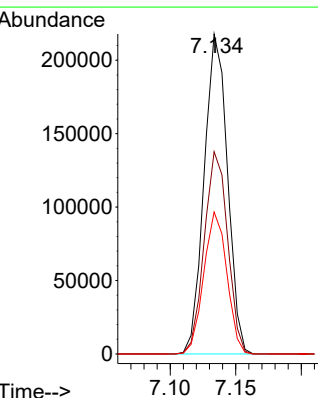
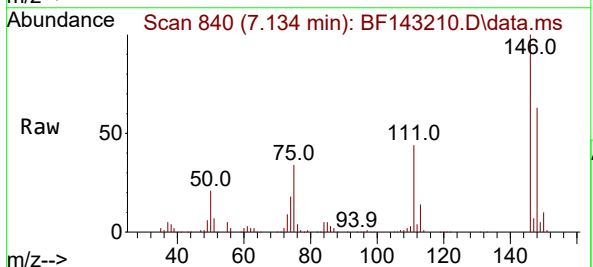
Tgt Ion:146 Resp: 269162

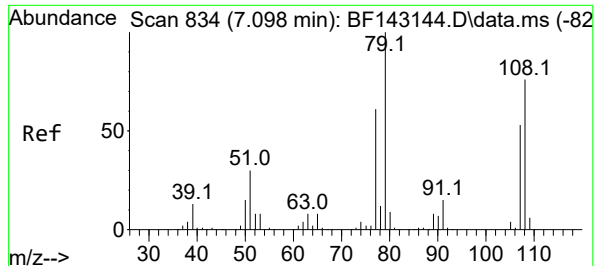
Ion Ratio Lower Upper

146 100

148 63.2 50.7 76.1

111 44.3 36.6 54.8





#15

Benzyl Alcohol

Concen: 38.639 ng

RT: 7.098 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF143210.D

Acq: 23 Jul 2025 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

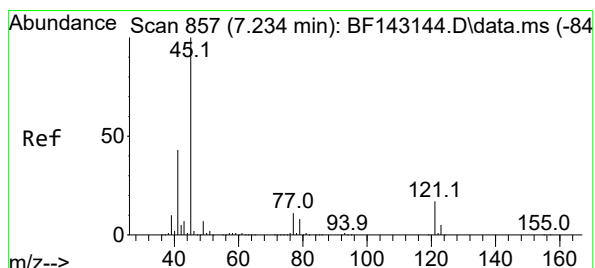
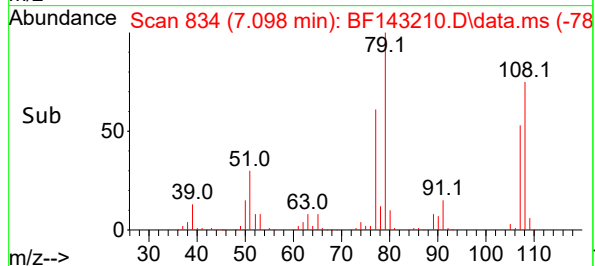
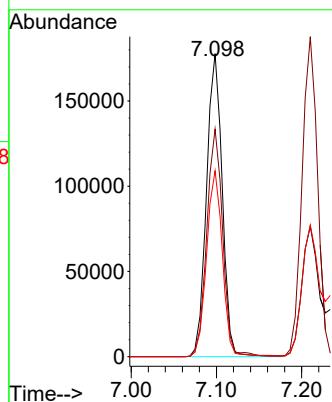
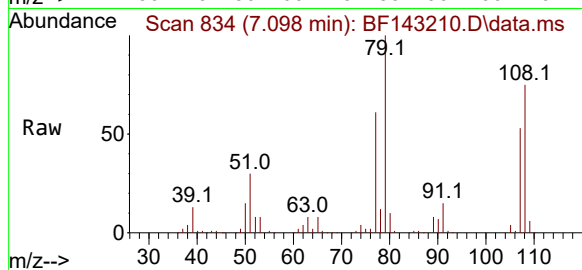
Tgt Ion: 79 Resp: 228448

Ion Ratio Lower Upper

79 100

108 75.1 61.1 91.7

77 61.4 48.9 73.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.612 ng

RT: 7.234 min Scan# 857

Delta R.T. -0.000 min

Lab File: BF143210.D

Acq: 23 Jul 2025 14:33

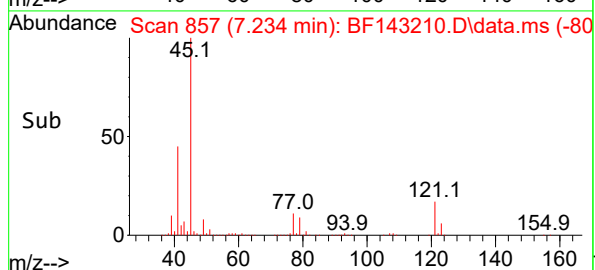
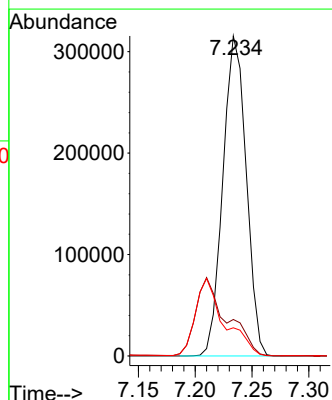
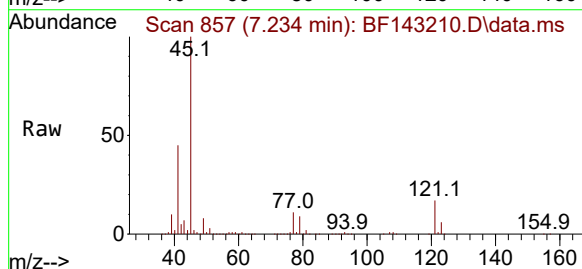
Tgt Ion: 45 Resp: 450642

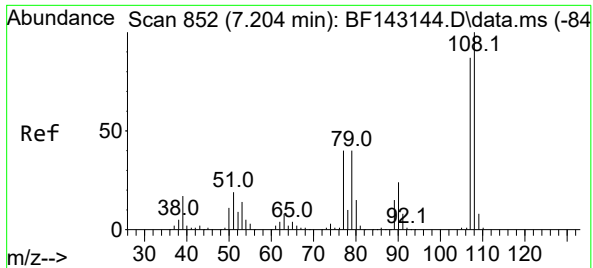
Ion Ratio Lower Upper

45 100

77 11.4 0.0 31.2

79 8.8 0.0 28.5

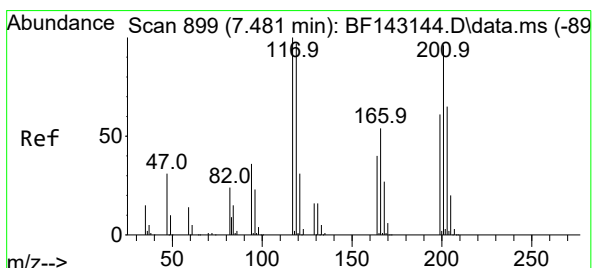
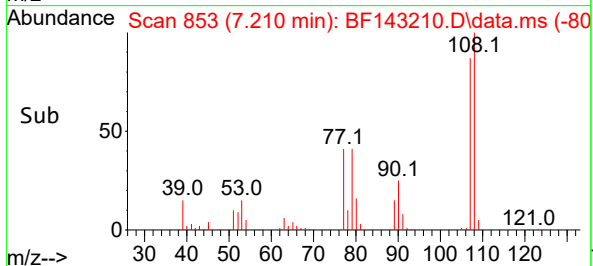
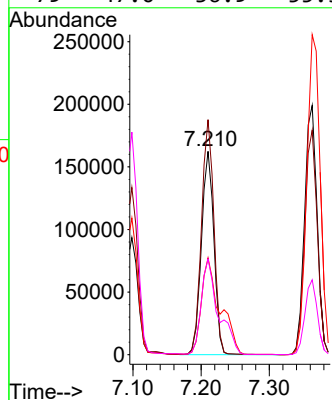
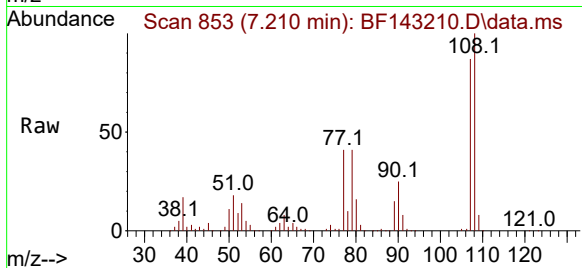




#17
2-Methylphenol
Concen: 38.282 ng
RT: 7.210 min Scan# 852
Delta R.T. 0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

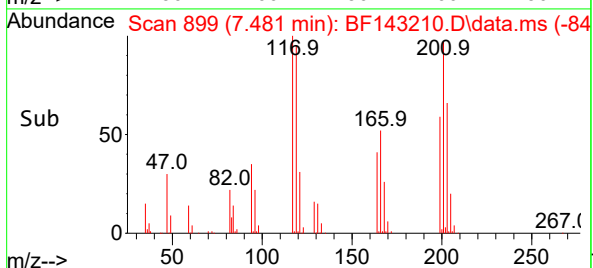
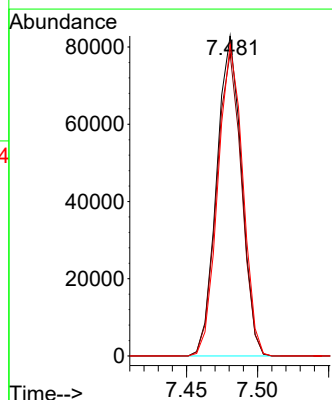
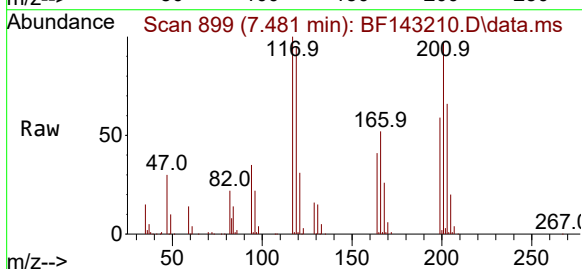
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

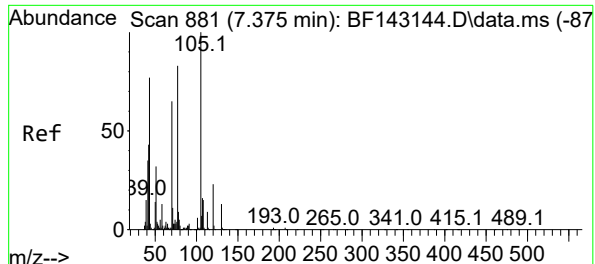
Tgt Ion:107 Resp: 207561
Ion Ratio Lower Upper
107 100
108 115.5 91.8 137.6
77 47.6 37.0 55.6
79 47.0 36.9 55.3



#18
Hexachloroethane
Concen: 41.296 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:117 Resp: 100851
Ion Ratio Lower Upper
117 100
119 94.5 77.8 116.8
201 97.3 77.0 115.4





#19

n-Nitroso-di-n-propylamine

Concen: 36.393 ng

RT: 7.369 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF143210.D

Acq: 23 Jul 2025 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 180795

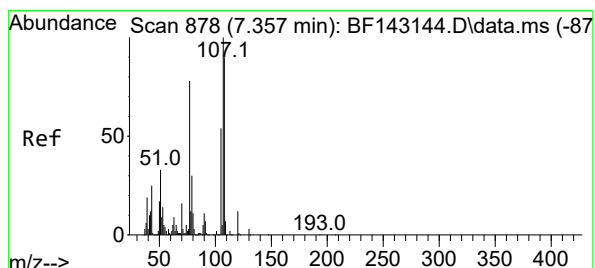
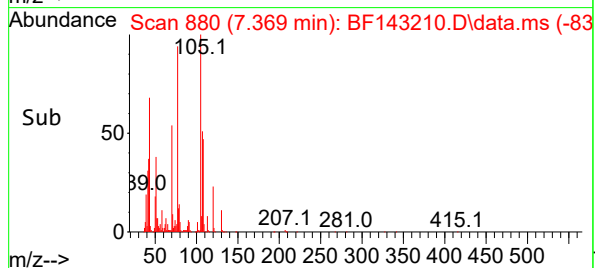
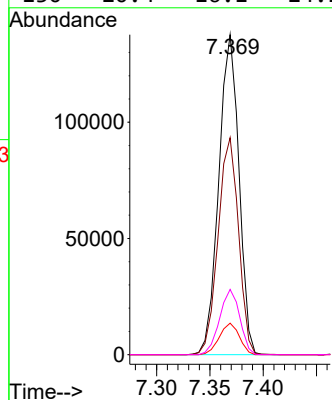
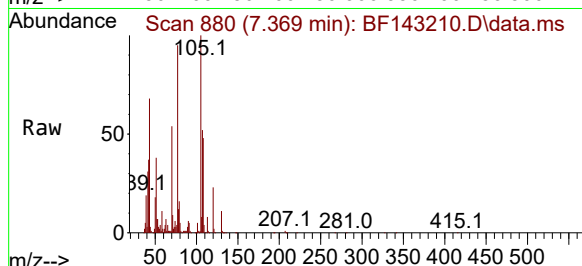
Ion Ratio Lower Upper

70 100

42 67.8 52.5 78.7

101 9.9 7.6 11.4

130 20.4 16.1 24.1



#20

3+4-Methylphenols

Concen: 39.051 ng

RT: 7.363 min Scan# 879

Delta R.T. 0.006 min

Lab File: BF143210.D

Acq: 23 Jul 2025 14:33

Tgt Ion:107 Resp: 256887

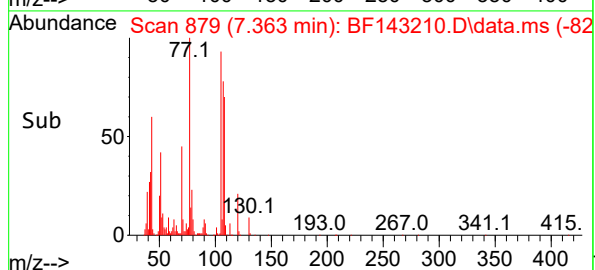
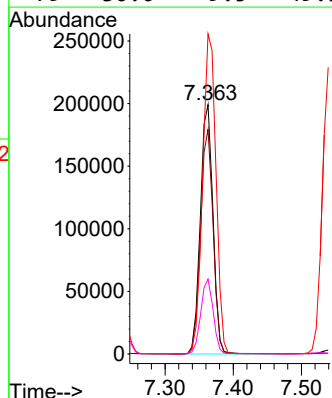
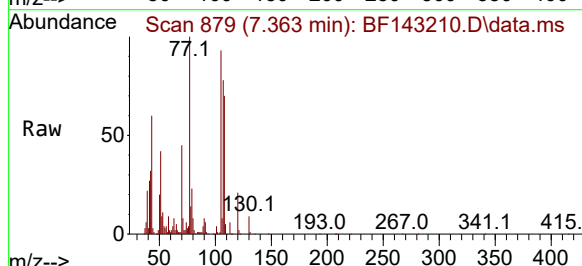
Ion Ratio Lower Upper

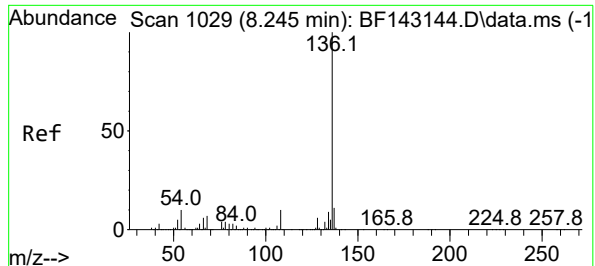
107 100

108 90.0 70.0 110.0

77 128.3 57.8 97.8#

79 30.0 9.5 49.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.245 min Scan# 1029

Delta R.T. 0.000 min

Lab File: BF143210.D

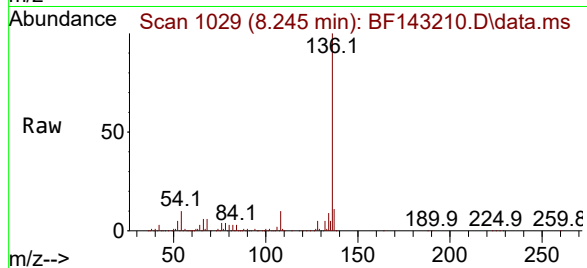
Acq: 23 Jul 2025 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:136 Resp: 364498

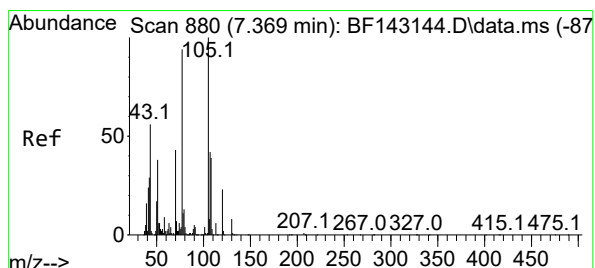
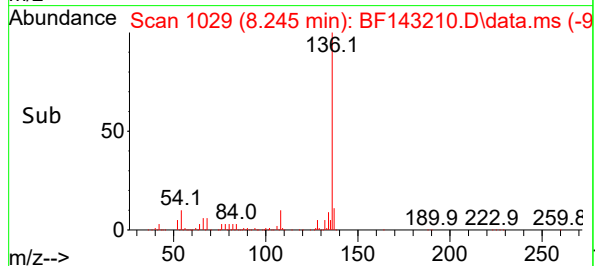
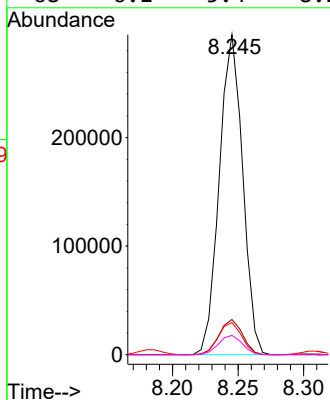
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 10.1 8.2 12.2

68 6.1 5.4 8.2



#22

Acetophenone

Concen: 38.853 ng

RT: 7.369 min Scan# 880

Delta R.T. -0.000 min

Lab File: BF143210.D

Acq: 23 Jul 2025 14:33

Tgt Ion:105 Resp: 335287

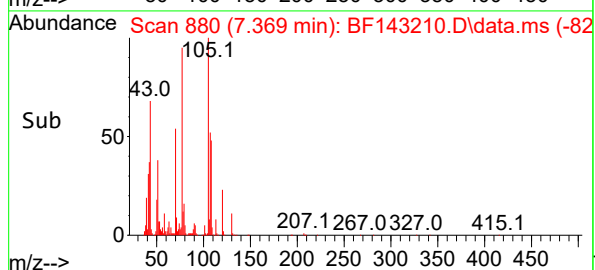
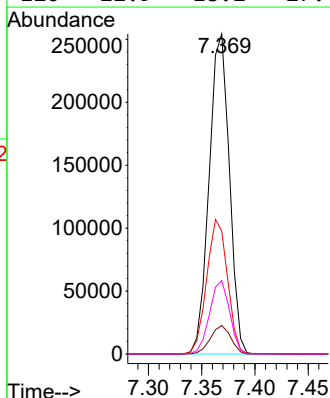
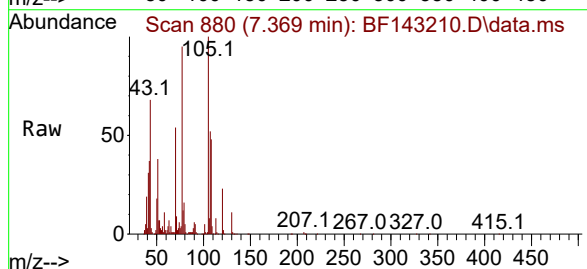
Ion Ratio Lower Upper

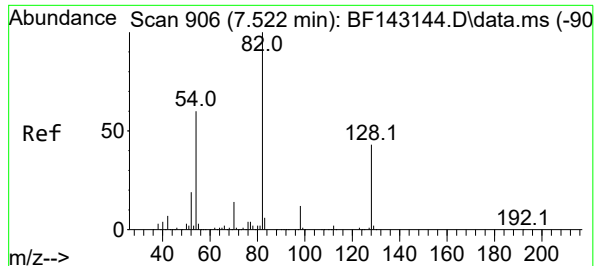
105 100

71 8.9 5.8 8.6#

51 38.5 30.2 45.2

120 22.9 18.2 27.4





#23

Nitrobenzene-d5

Concen: 81.332 ng

RT: 7.522 min Scan# 906

Delta R.T. -0.000 min

Lab File: BF143210.D

Acq: 23 Jul 2025 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

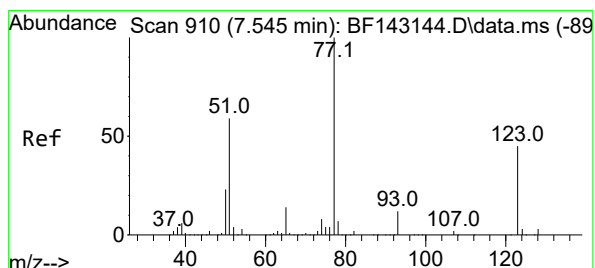
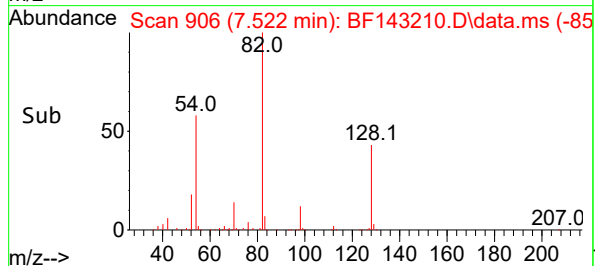
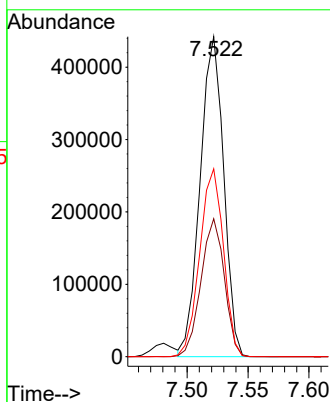
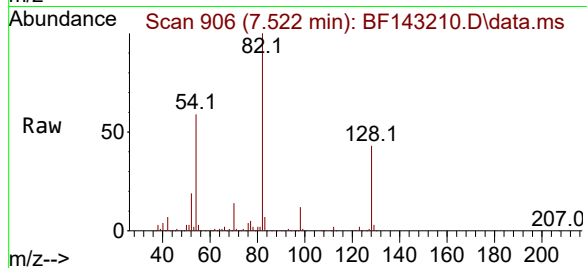
Tgt Ion: 82 Resp: 594723

Ion Ratio Lower Upper

82 100

128 43.1 33.6 50.4

54 58.7 47.1 70.7



#24

Nitrobenzene

Concen: 40.321 ng

RT: 7.539 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF143210.D

Acq: 23 Jul 2025 14:33

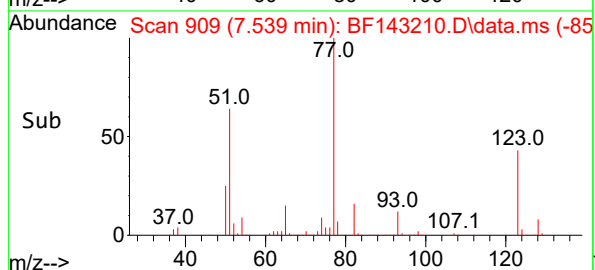
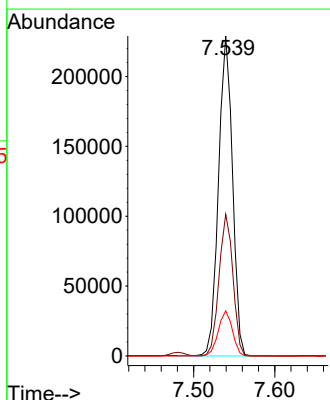
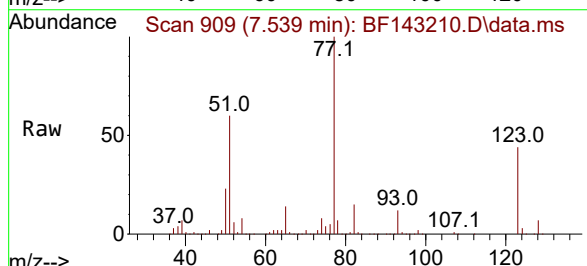
Tgt Ion: 77 Resp: 274884

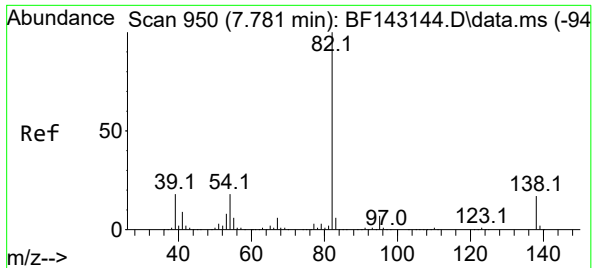
Ion Ratio Lower Upper

77 100

123 44.3 36.1 54.1

65 14.1 11.4 17.2

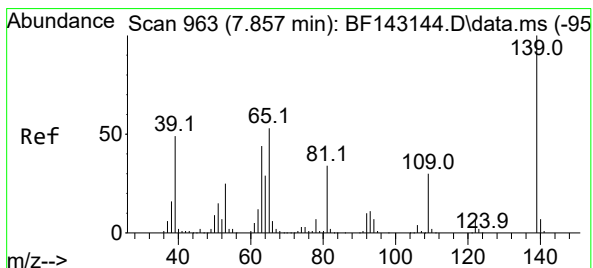
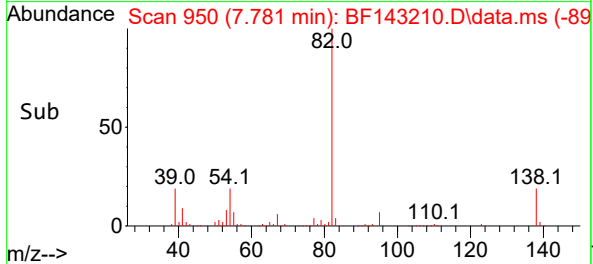
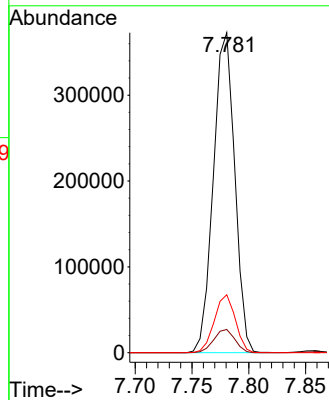
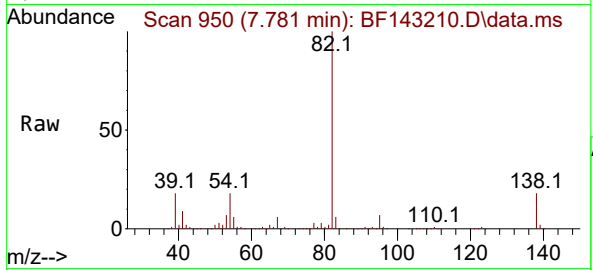




#25
Isophorone
Concen: 37.791 ng
RT: 7.781 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

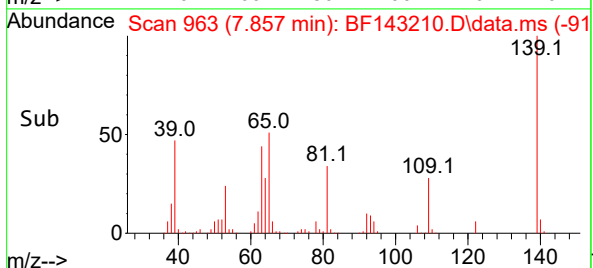
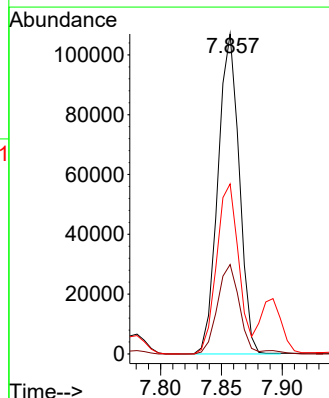
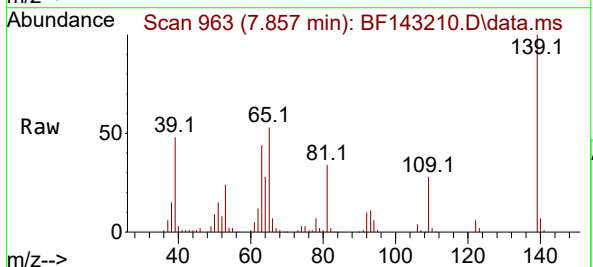
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

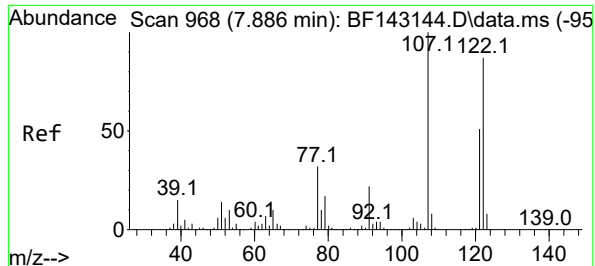
Tgt Ion: 82 Resp: 487827
Ion Ratio Lower Upper
82 100
95 7.3 5.5 8.3
138 18.1 13.8 20.8



#26
2-Nitrophenol
Concen: 44.072 ng
RT: 7.857 min Scan# 963
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:139 Resp: 130397
Ion Ratio Lower Upper
139 100
109 28.0 23.6 35.4
65 53.2 42.6 64.0





#27

2,4-Dimethylphenol

Concen: 38.169 ng

RT: 7.892 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF143210.D

Acq: 23 Jul 2025 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

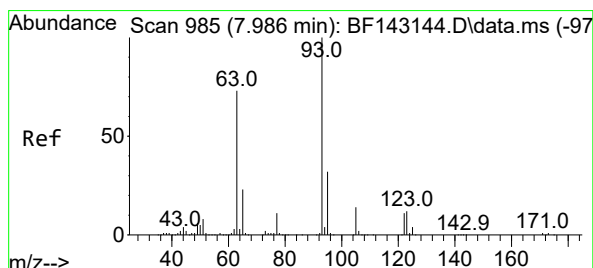
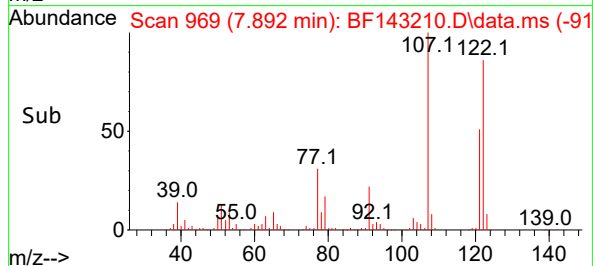
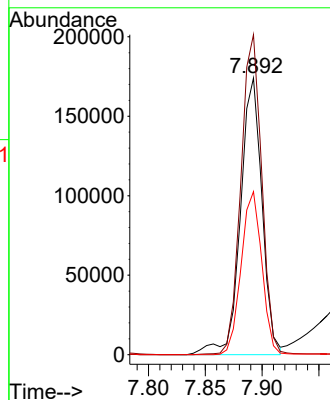
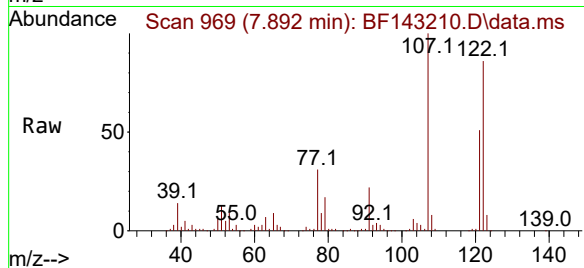
Tgt Ion:122 Resp: 230195

Ion Ratio Lower Upper

122 100

107 115.7 91.8 137.6

121 58.9 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 37.737 ng

RT: 7.986 min Scan# 985

Delta R.T. -0.000 min

Lab File: BF143210.D

Acq: 23 Jul 2025 14:33

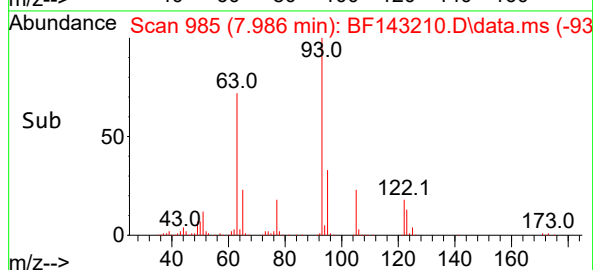
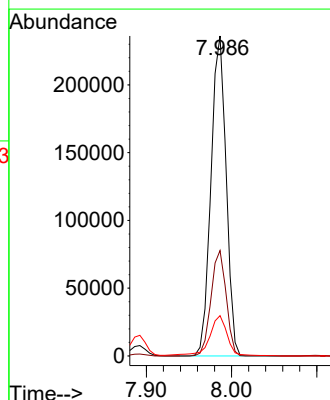
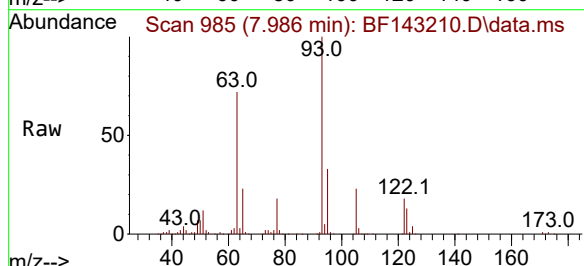
Tgt Ion: 93 Resp: 292069

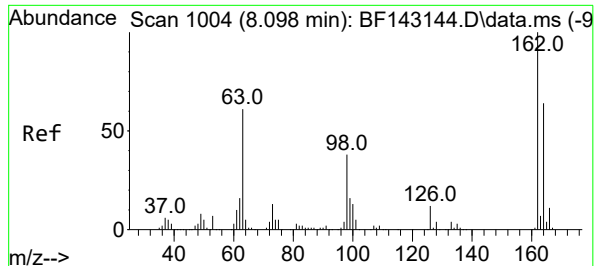
Ion Ratio Lower Upper

93 100

95 33.0 25.8 38.6

123 12.6 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 39.391 ng

RT: 8.098 min Scan# 1004

Delta R.T. -0.000 min

Lab File: BF143210.D

Acq: 23 Jul 2025 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

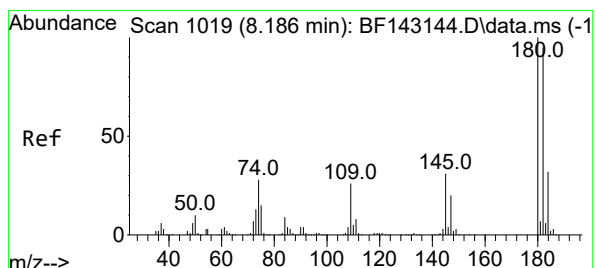
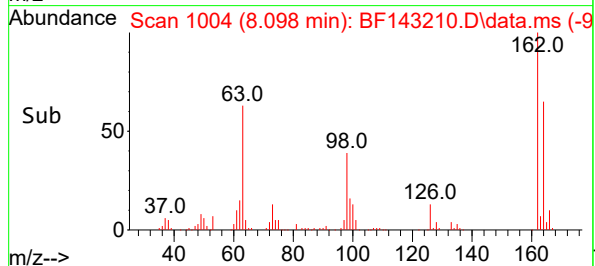
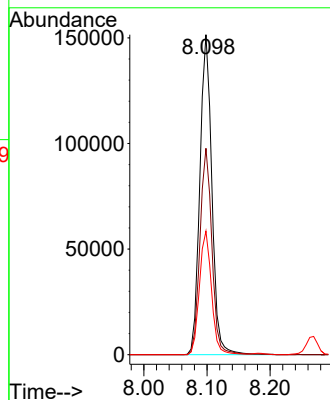
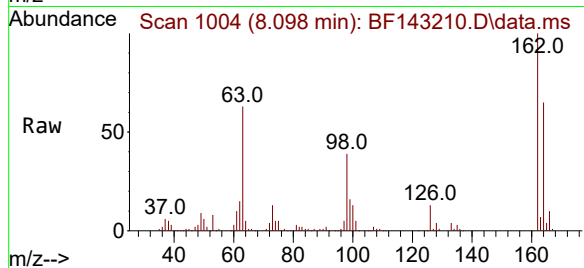
Tgt Ion:162 Resp: 200347

Ion Ratio Lower Upper

162 100

164 64.5 44.2 84.2

98 38.6 17.9 57.9



#30

1,2,4-Trichlorobenzene

Concen: 40.763 ng

RT: 8.186 min Scan# 1019

Delta R.T. -0.000 min

Lab File: BF143210.D

Acq: 23 Jul 2025 14:33

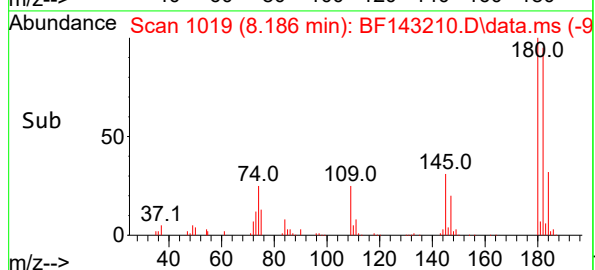
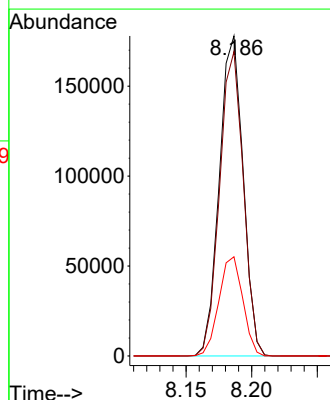
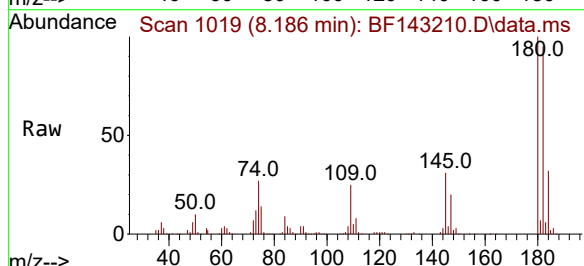
Tgt Ion:180 Resp: 223983

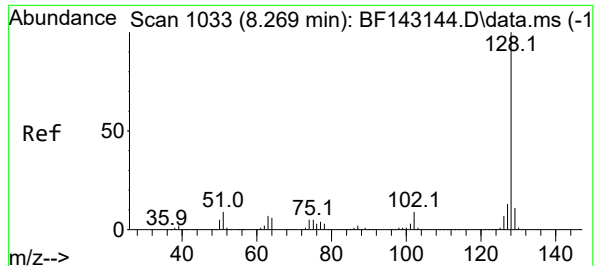
Ion Ratio Lower Upper

180 100

182 95.1 76.2 114.2

145 31.0 25.0 37.6





#31

Naphthalene

Concen: 39.723 ng

RT: 8.269 min Scan# 1033

Delta R.T. -0.000 min

Lab File: BF143210.D

Acq: 23 Jul 2025 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

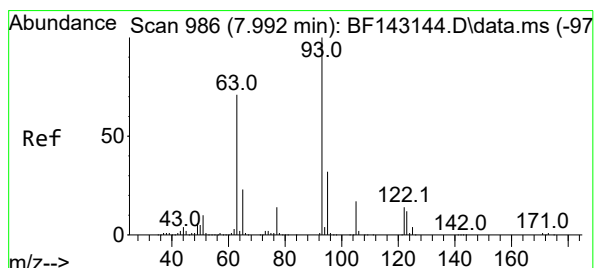
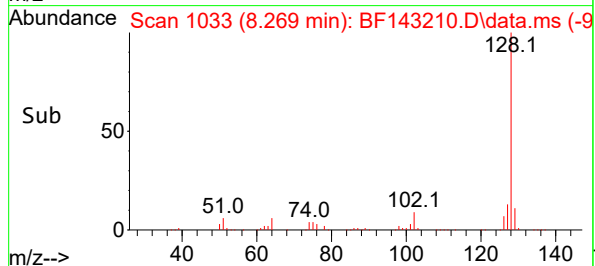
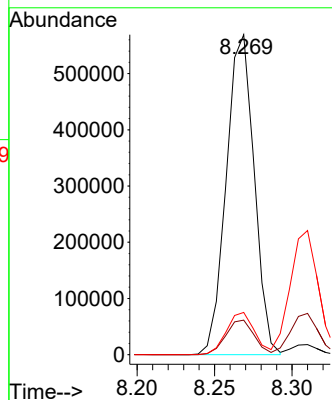
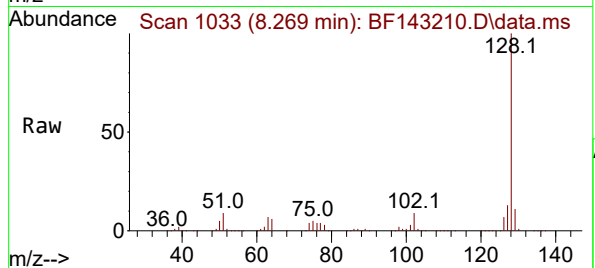
Tgt Ion:128 Resp: 713073

Ion Ratio Lower Upper

128 100

129 10.8 9.0 13.4

127 13.2 10.6 16.0



#32

Benzoic acid

Concen: 41.627 ng

RT: 7.986 min Scan# 985

Delta R.T. -0.006 min

Lab File: BF143210.D

Acq: 23 Jul 2025 14:33

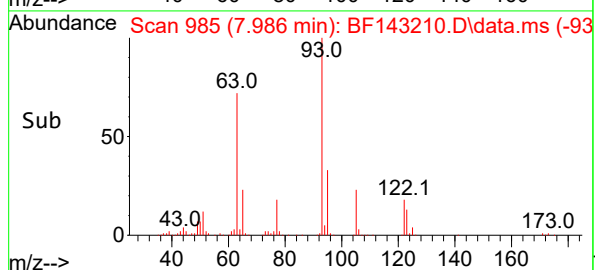
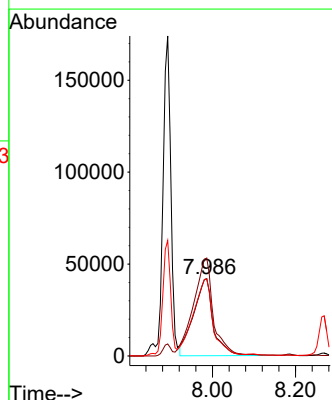
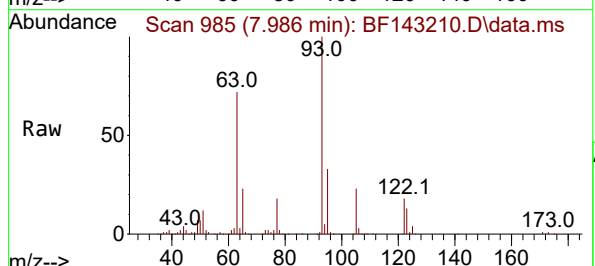
Tgt Ion:122 Resp: 138803

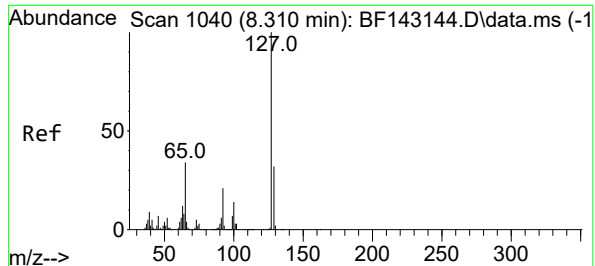
Ion Ratio Lower Upper

122 100

105 126.8 104.8 144.8

77 99.9 77.6 117.6





#33

4-Chloroaniline

Concen: 38.259 ng

RT: 8.310 min Scan# 1040

Delta R.T. -0.000 min

Lab File: BF143210.D

Acq: 23 Jul 2025 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 280428

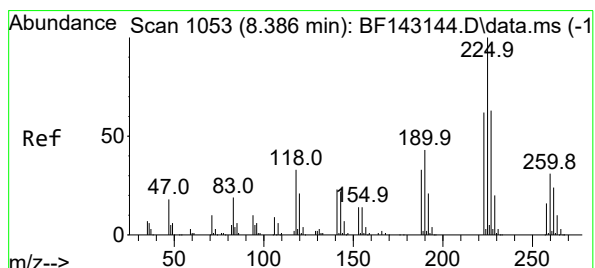
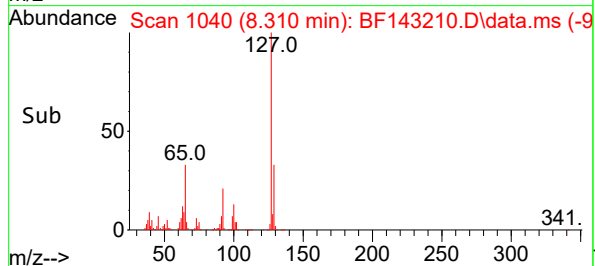
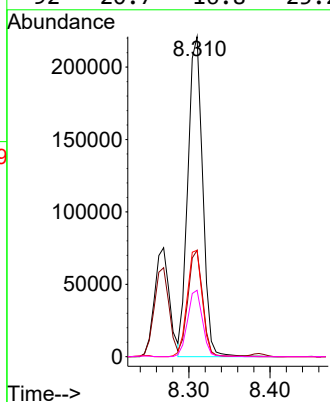
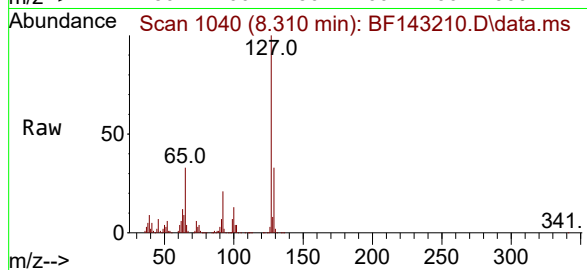
Ion Ratio Lower Upper

127 100

129 33.3 26.0 39.0

65 33.2 27.4 41.2

92 20.7 16.8 25.2



#34

Hexachlorobutadiene

Concen: 40.960 ng

RT: 8.386 min Scan# 1053

Delta R.T. -0.000 min

Lab File: BF143210.D

Acq: 23 Jul 2025 14:33

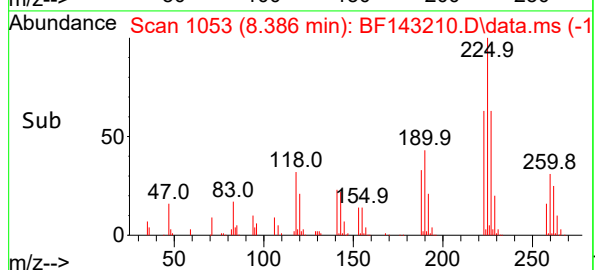
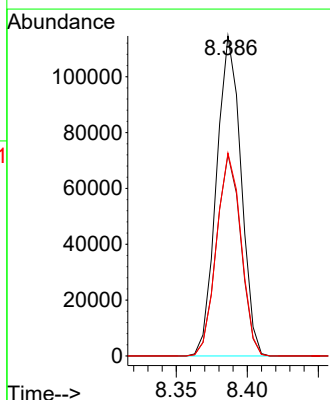
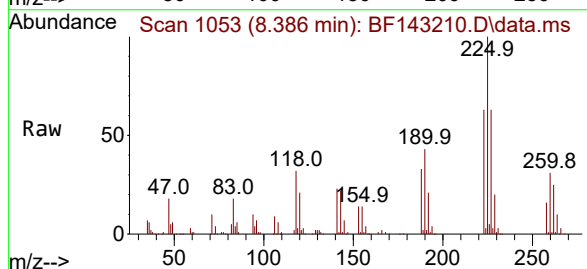
Tgt Ion:225 Resp: 137489

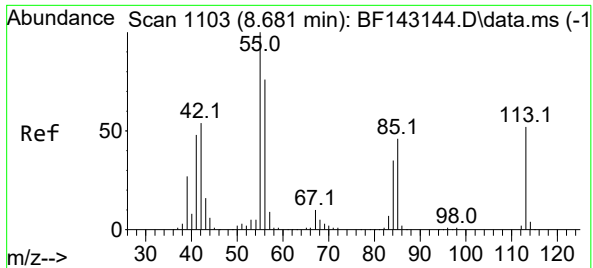
Ion Ratio Lower Upper

225 100

223 62.9 49.8 74.6

227 63.4 50.2 75.4





#35

Caprolactam

Concen: 40.895 ng

RT: 8.663 min Scan# 1100

Delta R.T. -0.018 min

Lab File: BF143210.D

Acq: 23 Jul 2025 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

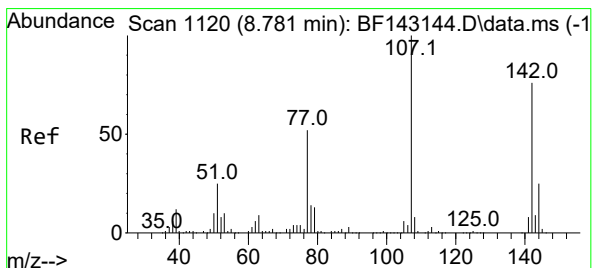
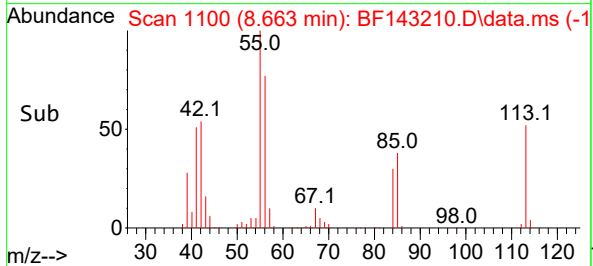
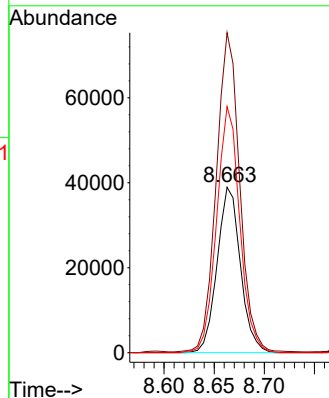
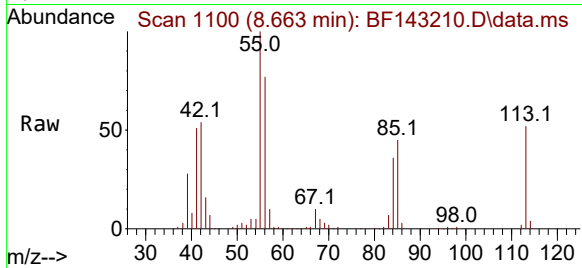
Tgt Ion:113 Resp: 62853

Ion Ratio Lower Upper

113 100

55 193.5 174.0 214.0

56 148.8 126.6 166.6



#36

4-Chloro-3-methylphenol

Concen: 38.764 ng

RT: 8.786 min Scan# 1121

Delta R.T. 0.006 min

Lab File: BF143210.D

Acq: 23 Jul 2025 14:33

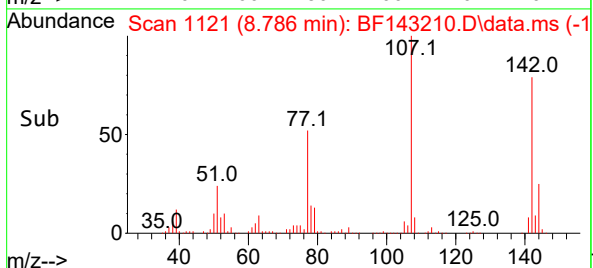
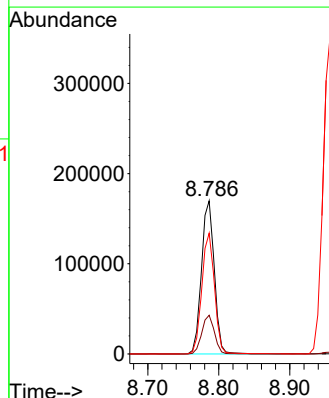
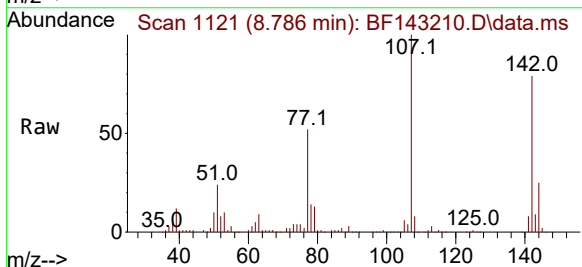
Tgt Ion:107 Resp: 214294

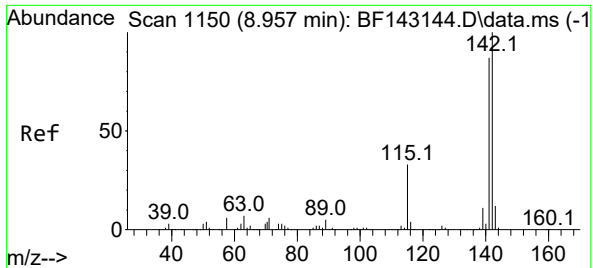
Ion Ratio Lower Upper

107 100

144 25.3 19.8 29.6

142 78.9 60.6 90.8

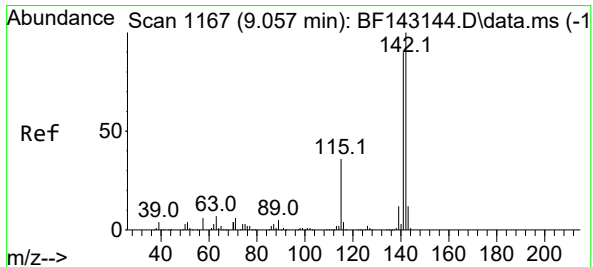
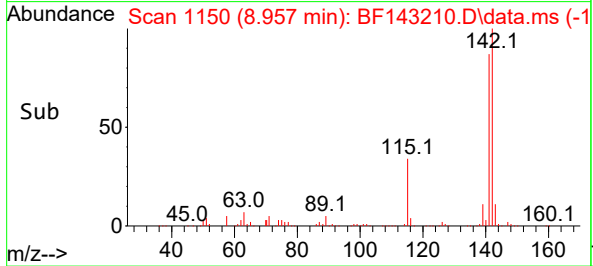
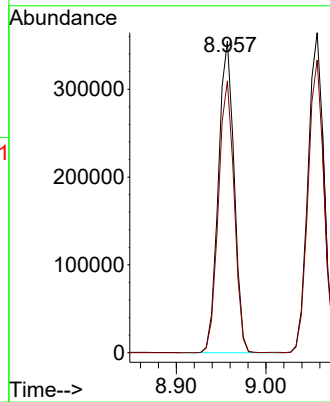
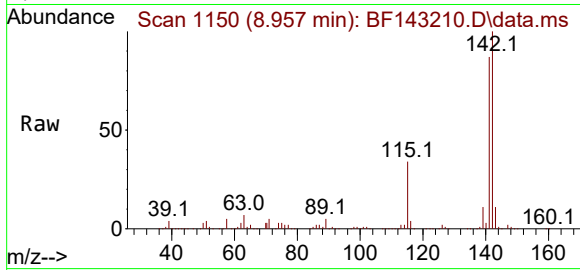




#37
2-Methylnaphthalene
Concen: 39.580 ng
RT: 8.957 min Scan# 1150
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

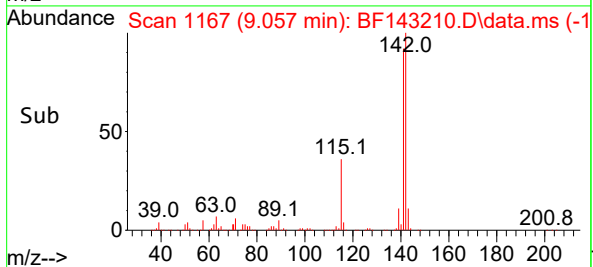
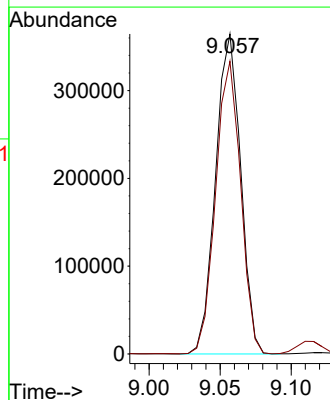
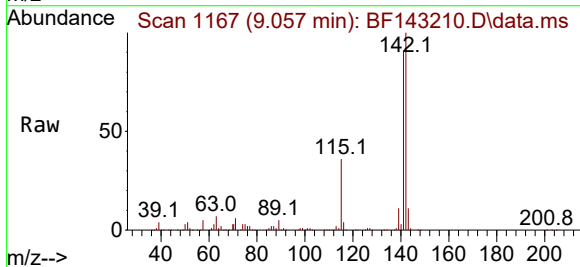
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

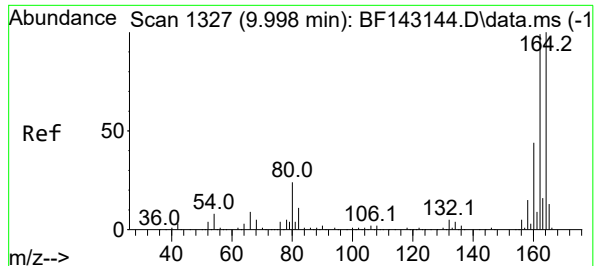
Tgt Ion:142 Resp: 432353
Ion Ratio Lower Upper
142 100
141 87.2 69.9 104.9



#38
1-Methylnaphthalene
Concen: 39.872 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:142 Resp: 448502
Ion Ratio Lower Upper
142 100
141 91.4 72.3 108.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.998 min Scan# 1178

Delta R.T. 0.000 min

Lab File: BF143210.D

Acq: 23 Jul 2025 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

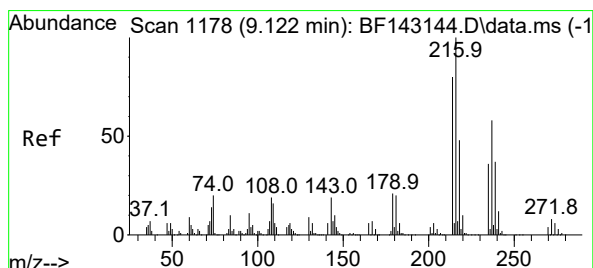
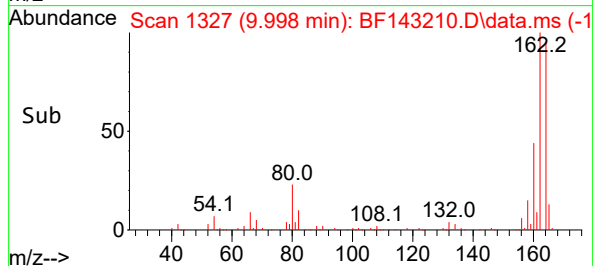
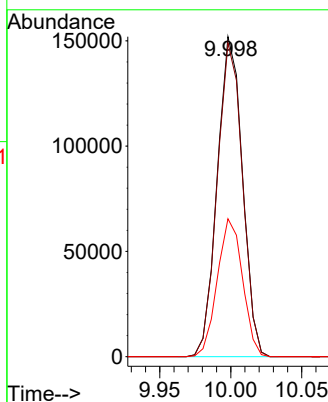
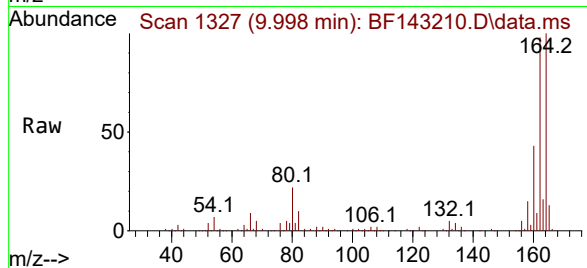
Tgt Ion:164 Resp: 187438

Ion Ratio Lower Upper

164 100

162 98.0 79.0 118.6

160 43.1 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.956 ng

RT: 9.122 min Scan# 1178

Delta R.T. -0.000 min

Lab File: BF143210.D

Acq: 23 Jul 2025 14:33

Tgt Ion:216 Resp: 216223

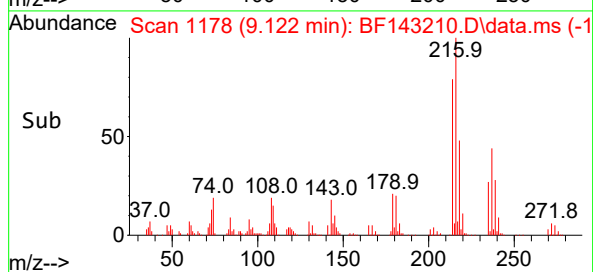
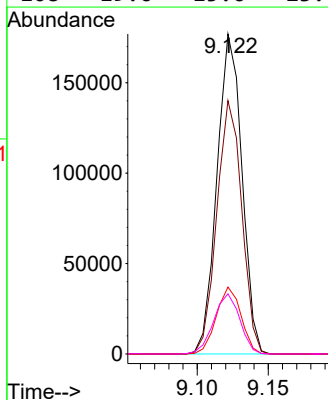
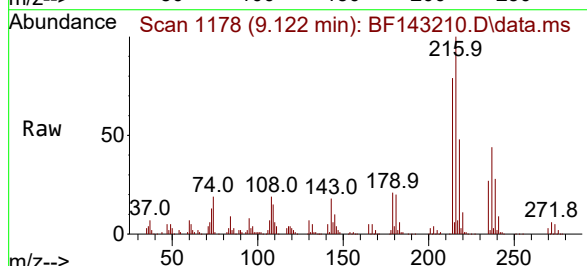
Ion Ratio Lower Upper

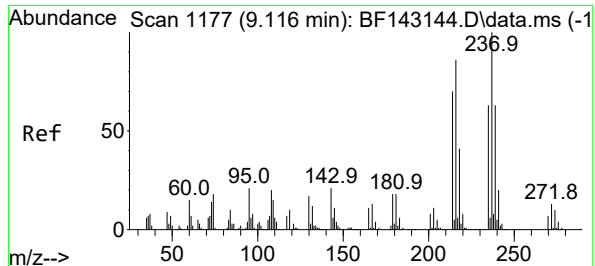
216 100

214 79.0 63.8 95.8

179 20.7 16.4 24.6

108 19.6 15.6 23.4





#41

Hexachlorocyclopentadiene

Concen: 42.082 ng

RT: 9.116 min Scan# 1177

Delta R.T. -0.000 min

Lab File: BF143210.D

Acq: 23 Jul 2025 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

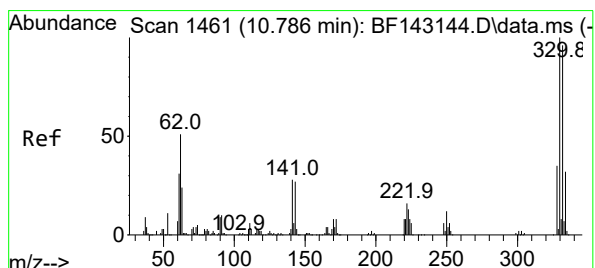
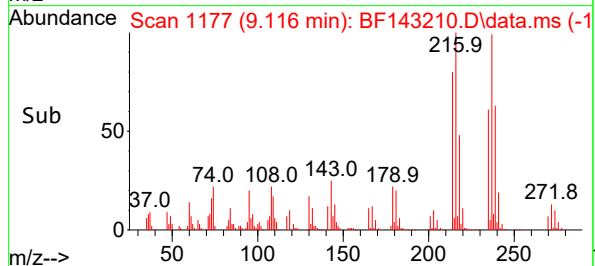
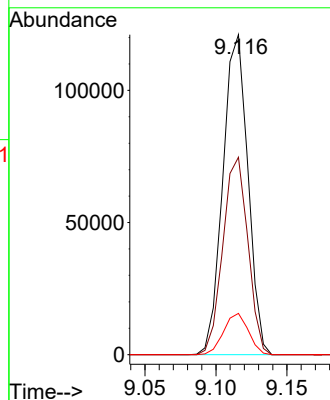
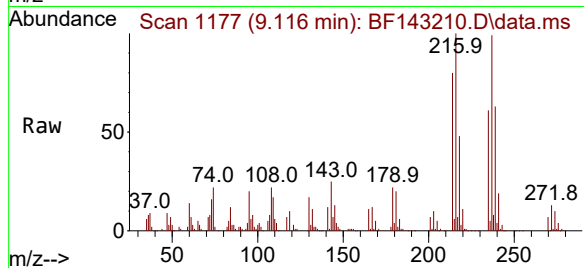
Tgt Ion:237 Resp: 148176

Ion Ratio Lower Upper

237 100

235 61.7 43.0 83.0

272 12.9 0.0 33.3



#42

2,4,6-Tribromophenol

Concen: 78.251 ng

RT: 10.786 min Scan# 1461

Delta R.T. -0.000 min

Lab File: BF143210.D

Acq: 23 Jul 2025 14:33

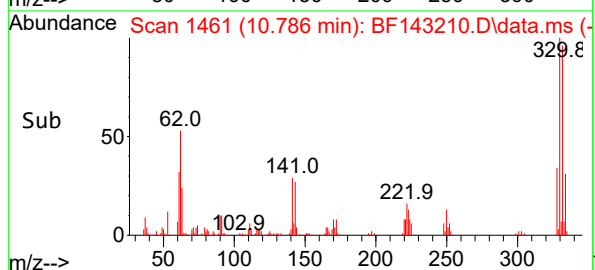
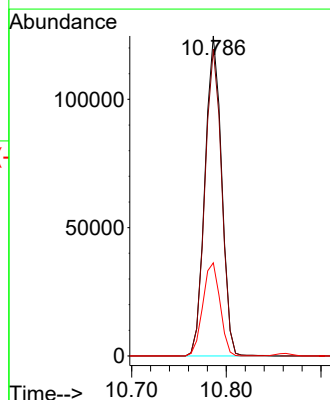
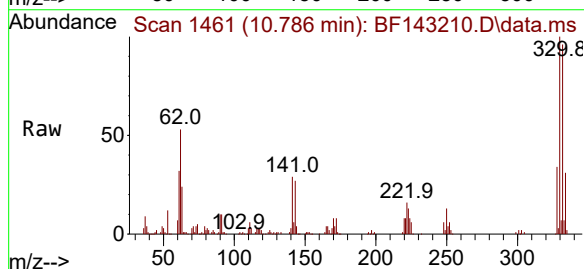
Tgt Ion:330 Resp: 151520

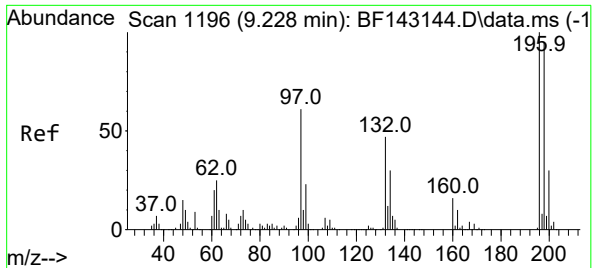
Ion Ratio Lower Upper

330 100

332 96.4 76.7 115.1

141 30.1 23.3 34.9

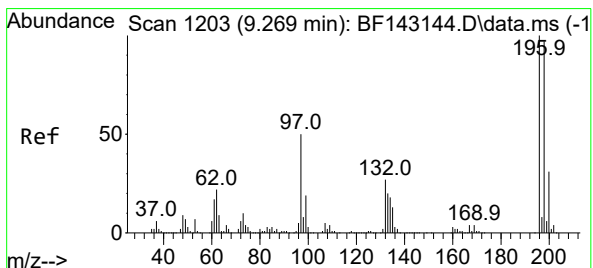
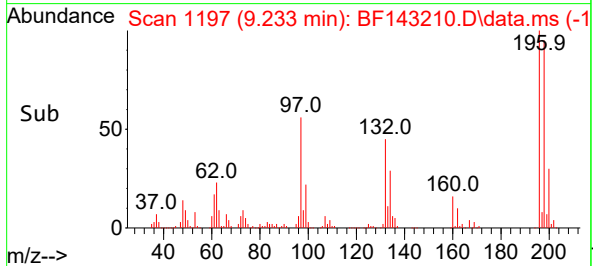
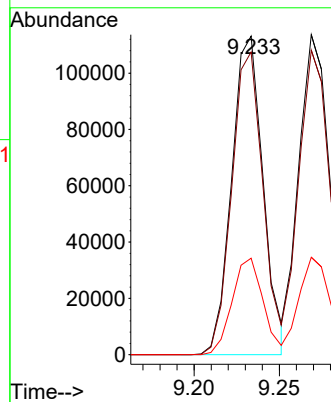
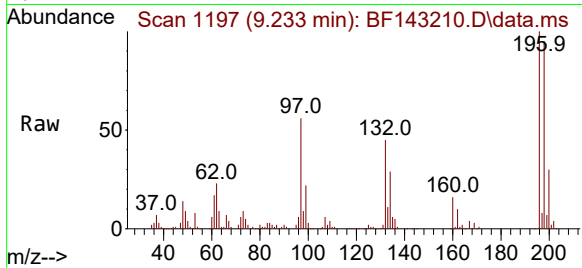




#43
2,4,6-Trichlorophenol
Concen: 38.625 ng
RT: 9.233 min Scan# 1196
Delta R.T. 0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

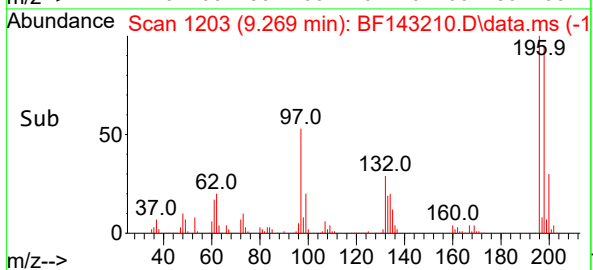
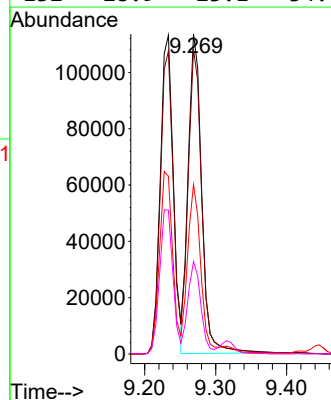
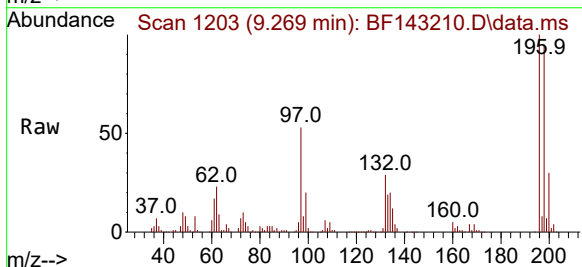
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

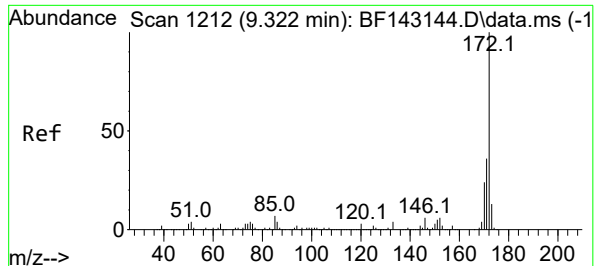
Tgt Ion:196 Resp: 144660
Ion Ratio Lower Upper
196 100
198 95.1 76.2 114.2
200 30.3 23.9 35.9



#44
2,4,5-Trichlorophenol
Concen: 40.211 ng
RT: 9.269 min Scan# 1203
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:196 Resp: 150645
Ion Ratio Lower Upper
196 100
198 95.2 77.3 115.9
97 53.0 40.3 60.5
132 28.9 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 79.441 ng

RT: 9.316 min Scan# 1211

Delta R.T. -0.006 min

Lab File: BF143210.D

Acq: 23 Jul 2025 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

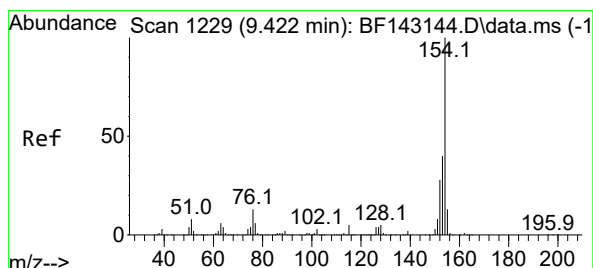
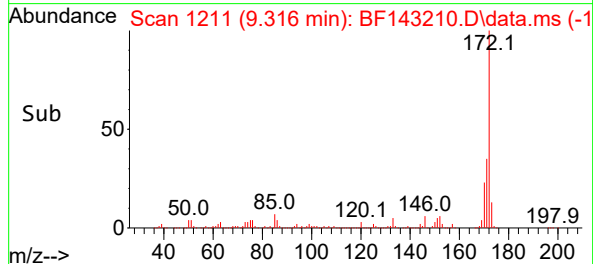
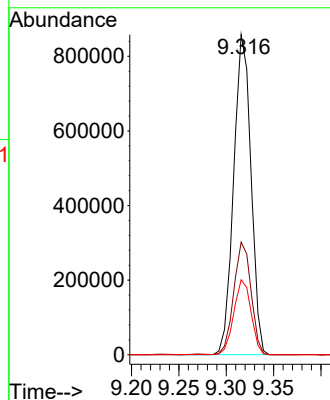
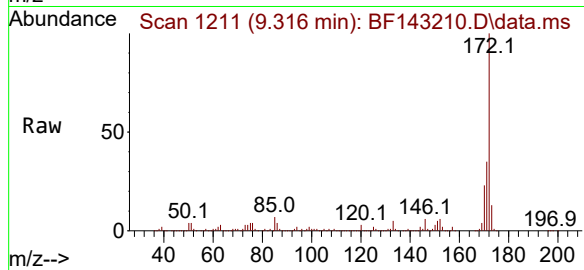
Tgt Ion:172 Resp: 1088775

Ion Ratio Lower Upper

172 100

171 35.2 28.6 42.8

170 23.4 18.8 28.2



#46

1,1'-Biphenyl

Concen: 39.454 ng

RT: 9.416 min Scan# 1228

Delta R.T. -0.006 min

Lab File: BF143210.D

Acq: 23 Jul 2025 14:33

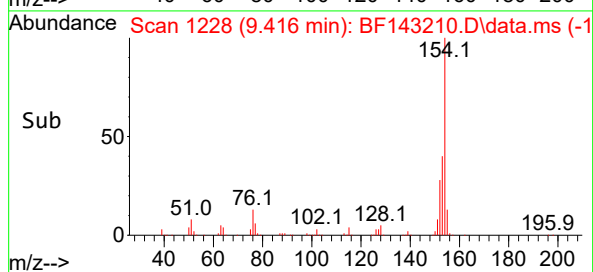
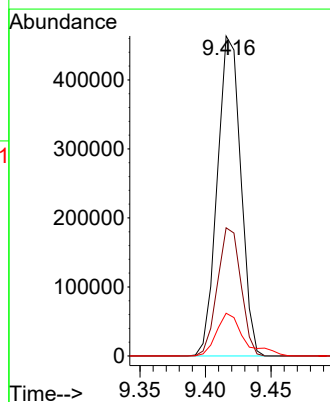
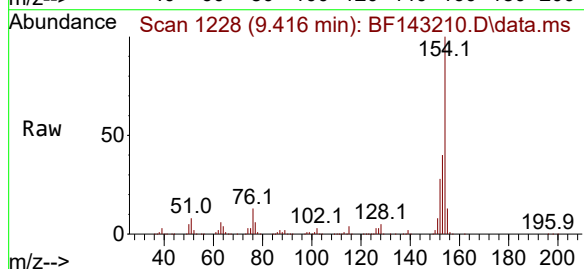
Tgt Ion:154 Resp: 576976

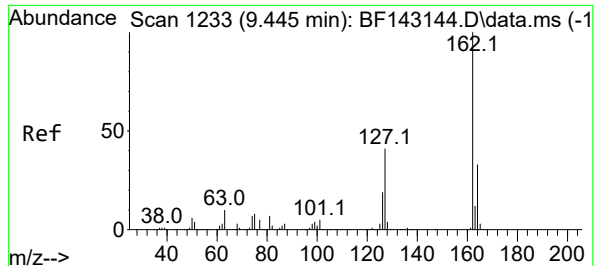
Ion Ratio Lower Upper

154 100

153 40.1 20.3 60.3

76 13.4 0.0 33.3





#47

2-Chloronaphthalene

Concen: 38.957 ng

RT: 9.445 min Scan# 1233

Delta R.T. -0.000 min

Lab File: BF143210.D

Acq: 23 Jul 2025 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

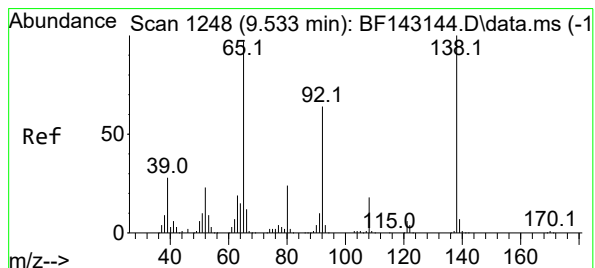
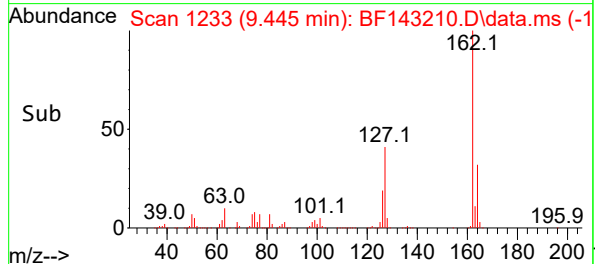
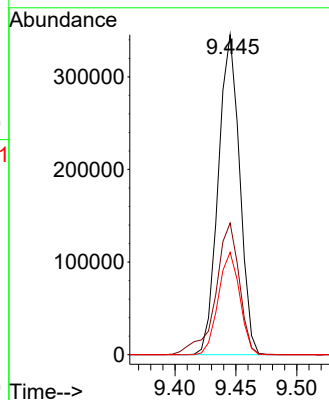
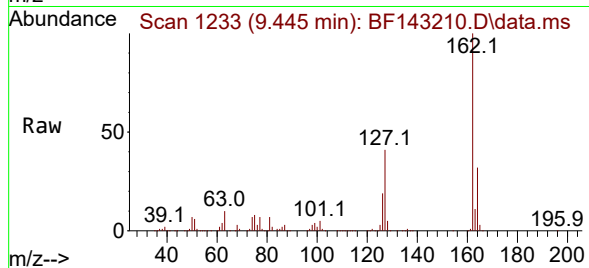
Tgt Ion:162 Resp: 421533

Ion Ratio Lower Upper

162 100

127 41.1 33.4 50.2

164 32.0 26.2 39.2



#48

2-Nitroaniline

Concen: 41.188 ng

RT: 9.533 min Scan# 1248

Delta R.T. -0.000 min

Lab File: BF143210.D

Acq: 23 Jul 2025 14:33

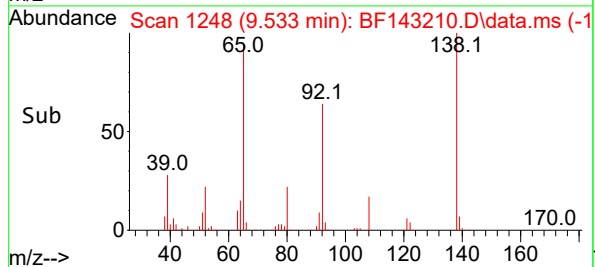
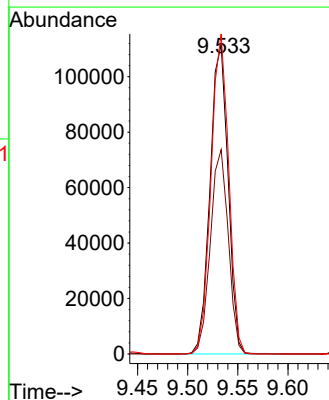
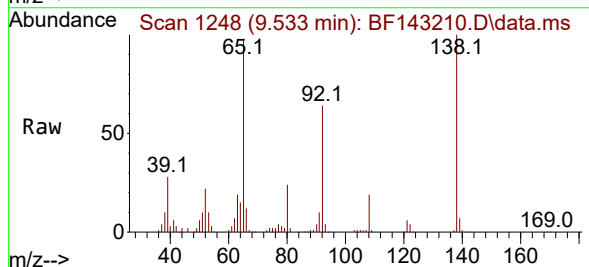
Tgt Ion: 65 Resp: 139765

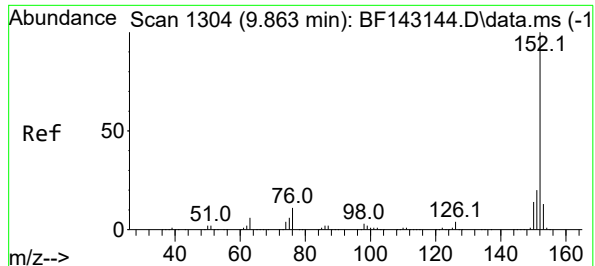
Ion Ratio Lower Upper

65 100

92 66.1 52.4 78.6

138 103.5 82.3 123.5





#49

Acenaphthylene

Concen: 38.989 ng

RT: 9.863 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF143210.D

Acq: 23 Jul 2025 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

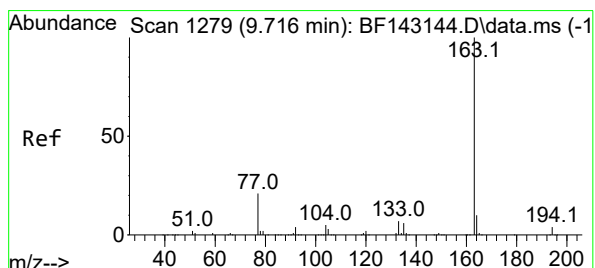
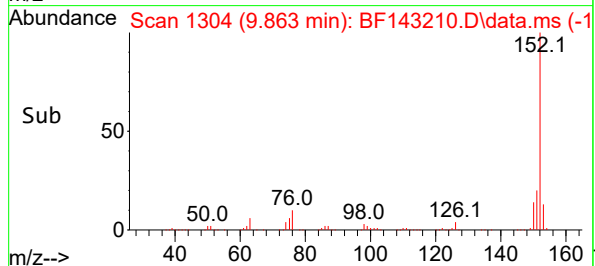
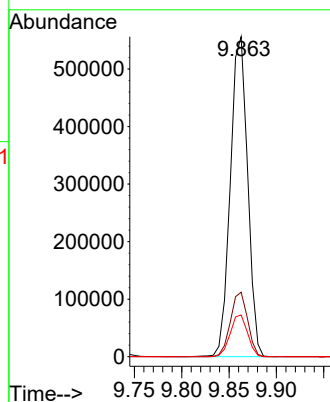
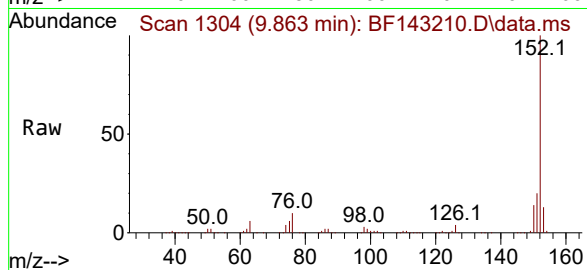
Tgt Ion:152 Resp: 707016

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.2

153 13.1 10.6 16.0



#50

Dimethylphthalate

Concen: 39.503 ng

RT: 9.710 min Scan# 1278

Delta R.T. -0.006 min

Lab File: BF143210.D

Acq: 23 Jul 2025 14:33

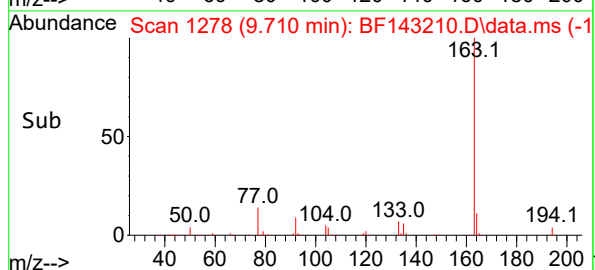
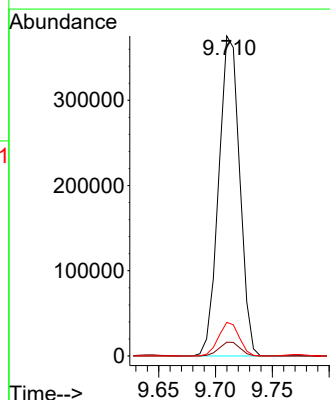
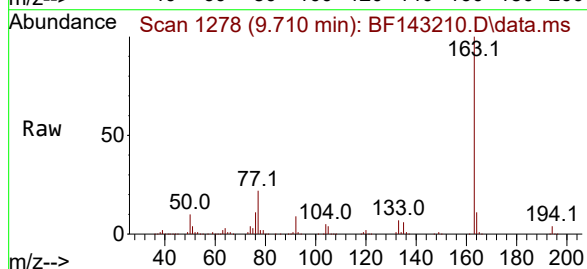
Tgt Ion:163 Resp: 482643

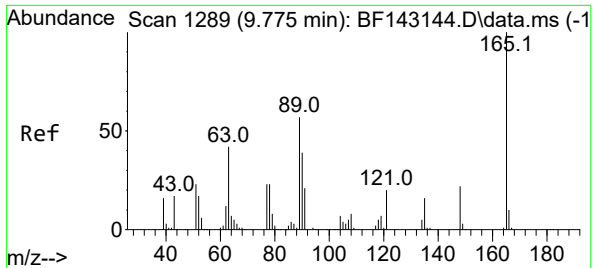
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

164 10.5 8.3 12.5

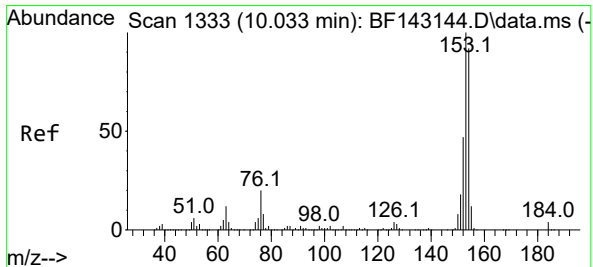
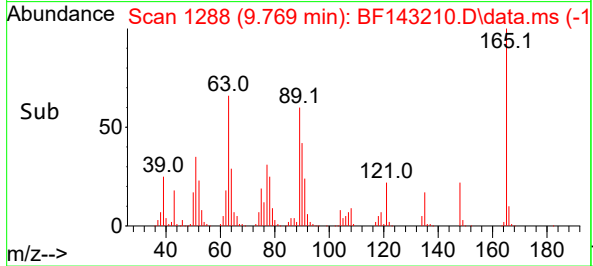
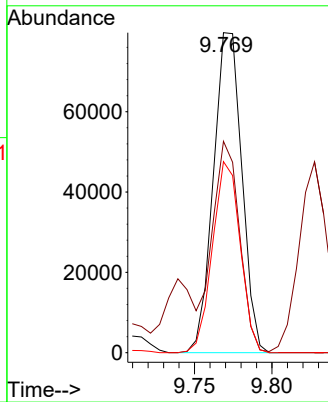
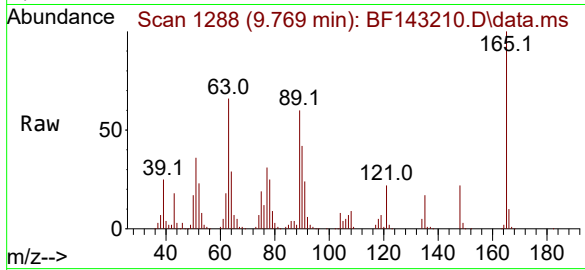




#51
2,6-Dinitrotoluene
Concen: 41.014 ng
RT: 9.769 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

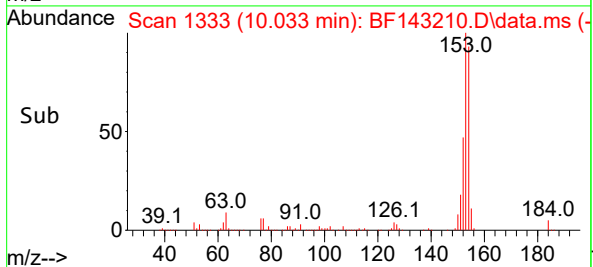
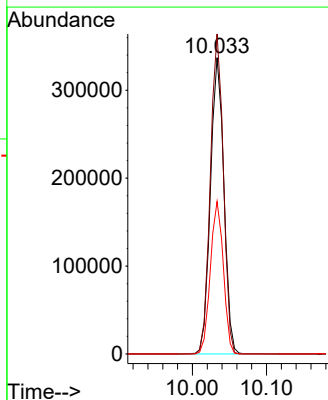
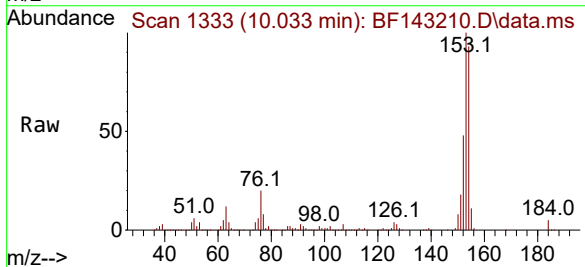
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

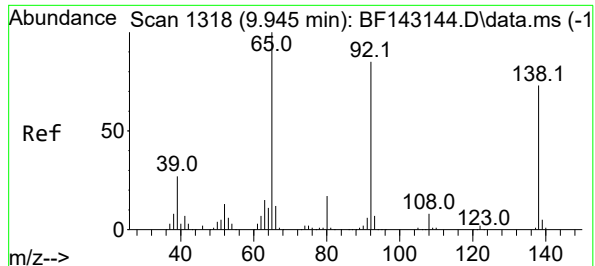
Tgt Ion:165 Resp: 101938
Ion Ratio Lower Upper
165 100
63 66.1 49.4 74.2
89 59.7 46.2 69.2



#52
Acenaphthene
Concen: 39.605 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:154 Resp: 424478
Ion Ratio Lower Upper
154 100
153 108.0 86.6 129.8
152 51.5 40.4 60.6





#53

3-Nitroaniline

Concen: 41.423 ng

RT: 9.939 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143210.D

Acq: 23 Jul 2025 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

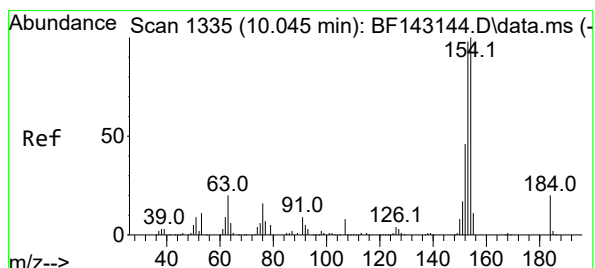
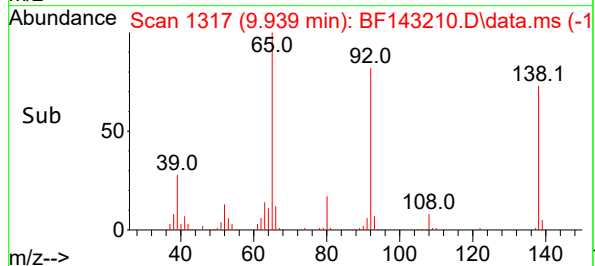
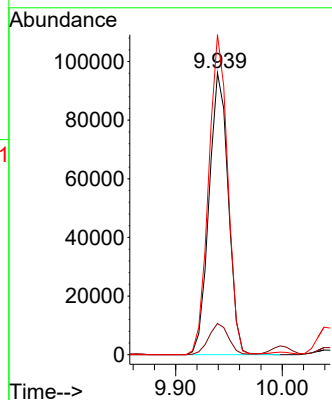
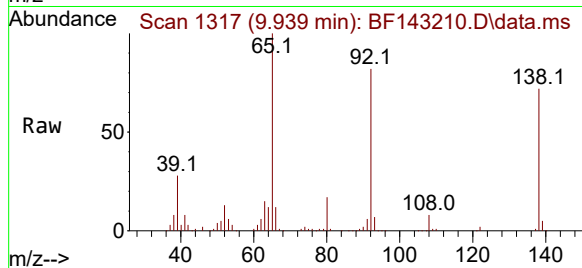
Tgt Ion:138 Resp: 120421

Ion Ratio Lower Upper

138 100

108 11.1 9.0 13.6

92 113.5 93.0 139.4



#54

2,4-Dinitrophenol

Concen: 43.601 ng

RT: 10.045 min Scan# 1335

Delta R.T. 0.000 min

Lab File: BF143210.D

Acq: 23 Jul 2025 14:33

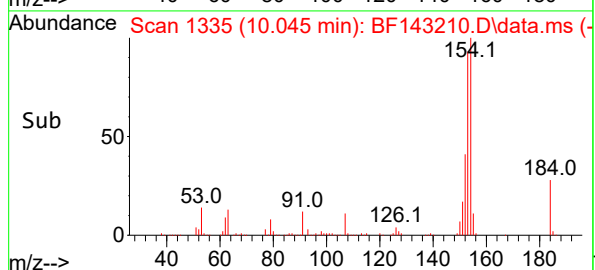
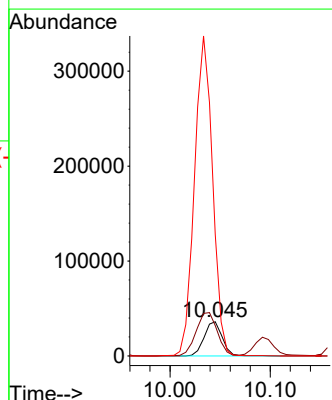
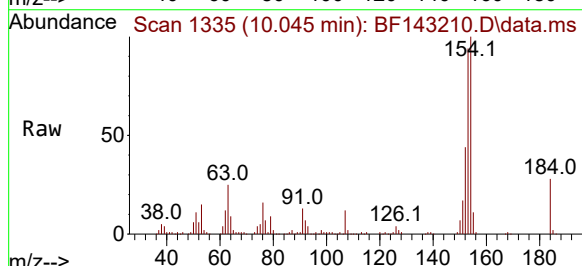
Tgt Ion:184 Resp: 45389

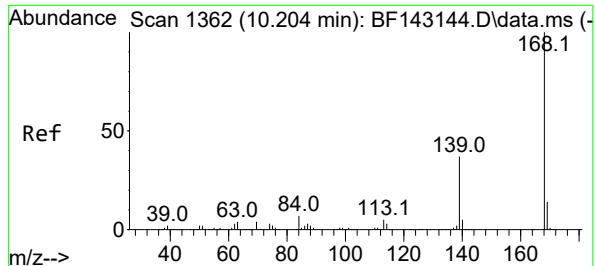
Ion Ratio Lower Upper

184 100

63 88.6 81.8 122.6

154 354.5 412.2 618.4#





#55

Dibenzenofuran

Concen: 39.327 ng

RT: 10.204 min Scan# 1362

Delta R.T. -0.000 min

Lab File: BF143210.D

Acq: 23 Jul 2025 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

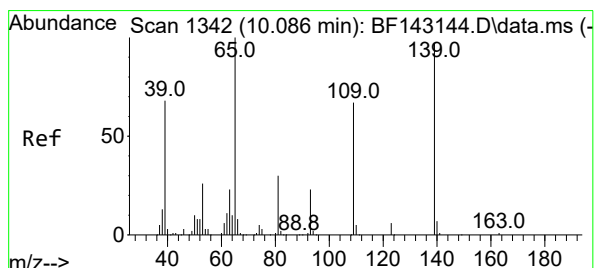
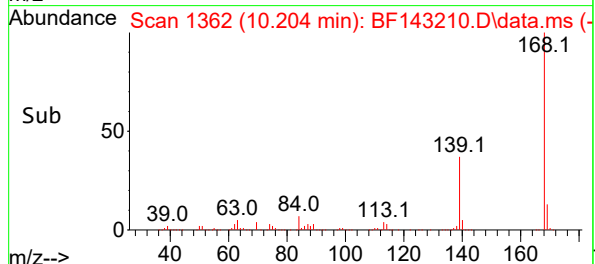
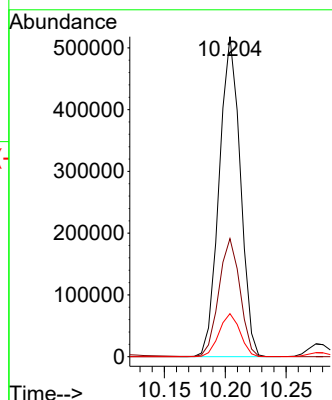
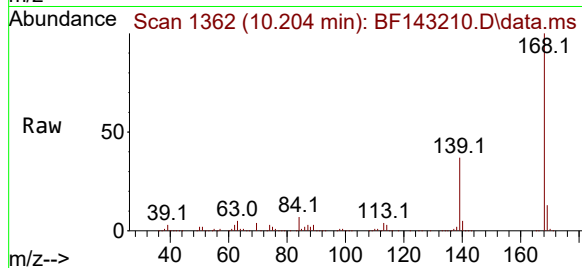
Tgt Ion:168 Resp: 625794

Ion Ratio Lower Upper

168 100

139 36.9 29.5 44.3

169 13.4 10.9 16.3



#56

4-Nitrophenol

Concen: 41.556 ng

RT: 10.092 min Scan# 1343

Delta R.T. 0.006 min

Lab File: BF143210.D

Acq: 23 Jul 2025 14:33

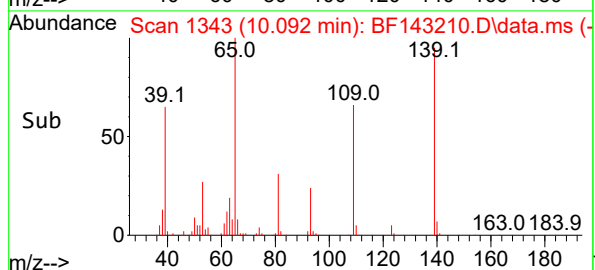
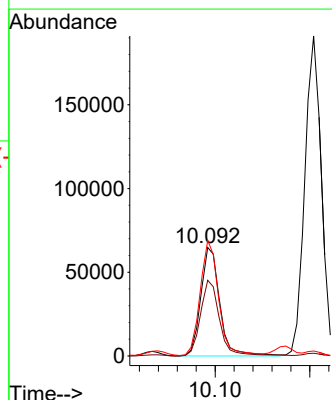
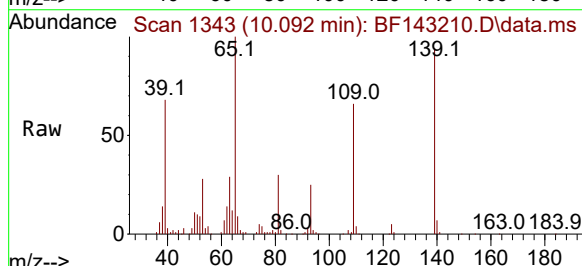
Tgt Ion:139 Resp: 90214

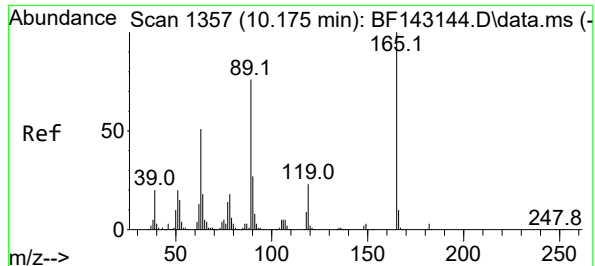
Ion Ratio Lower Upper

139 100

109 69.9 48.5 88.5

65 106.6 83.4 123.4

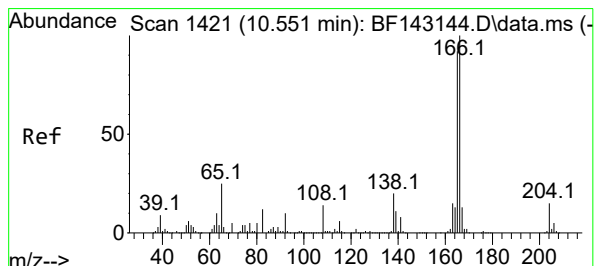
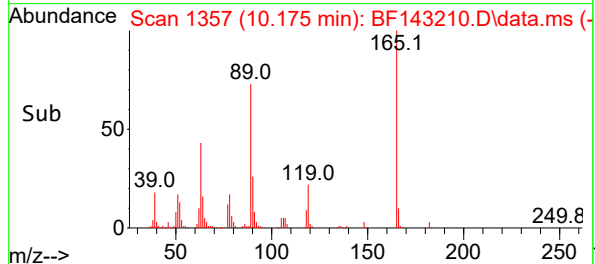
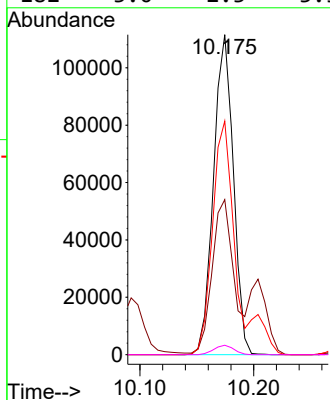
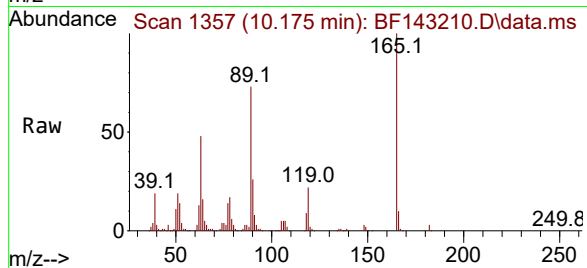




#57
2,4-Dinitrotoluene
Concen: 43.429 ng
RT: 10.175 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

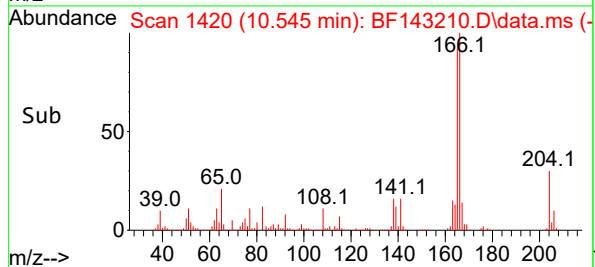
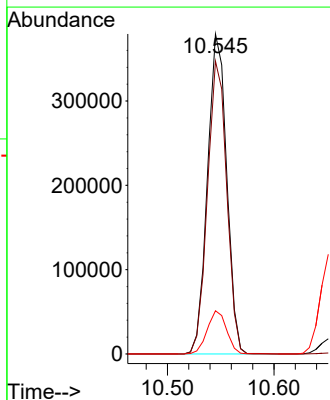
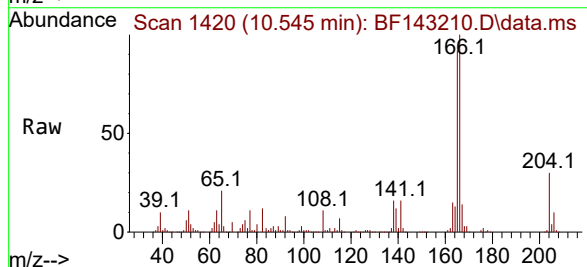
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

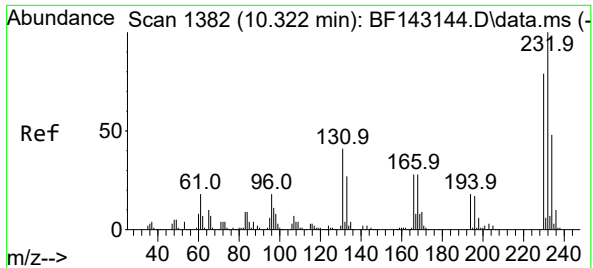
Tgt Ion:165 Resp: 135422
Ion Ratio Lower Upper
165 100
63 48.4 41.0 61.4
89 73.0 61.1 91.7
182 3.0 2.3 3.5



#58
Fluorene
Concen: 39.871 ng
RT: 10.545 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:166 Resp: 476175
Ion Ratio Lower Upper
166 100
165 91.5 73.7 110.5
167 13.5 10.6 16.0

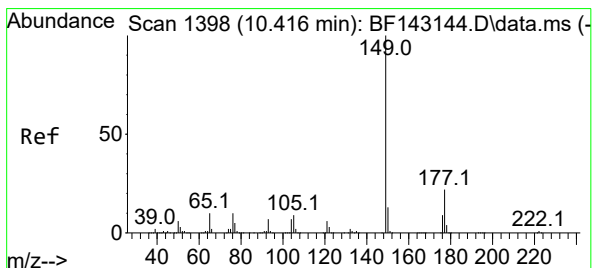
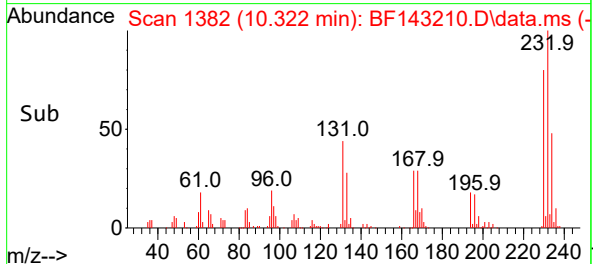
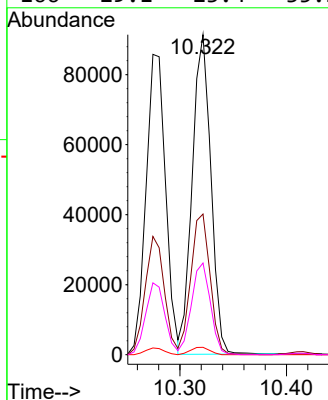
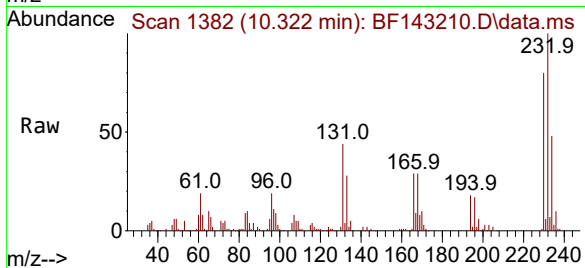




#59
2,3,4,6-Tetrachlorophenol
Concen: 35.835 ng
RT: 10.322 min Scan# 1382
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

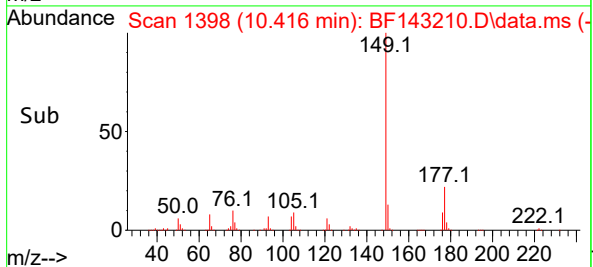
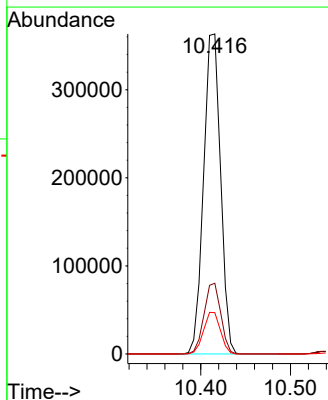
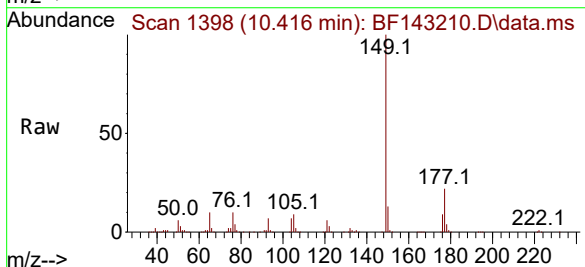
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

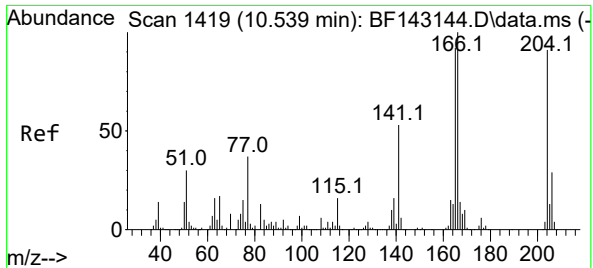
Tgt Ion:232 Resp: 111208
Ion Ratio Lower Upper
232 100
131 45.6 35.3 52.9
130 2.4 1.7 2.5
166 29.1 23.4 35.2



#60
Diethylphthalate
Concen: 39.593 ng
RT: 10.416 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:149 Resp: 478128
Ion Ratio Lower Upper
149 100
177 22.1 17.5 26.3
150 12.9 10.2 15.2

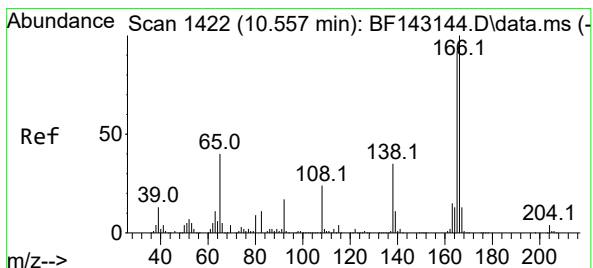
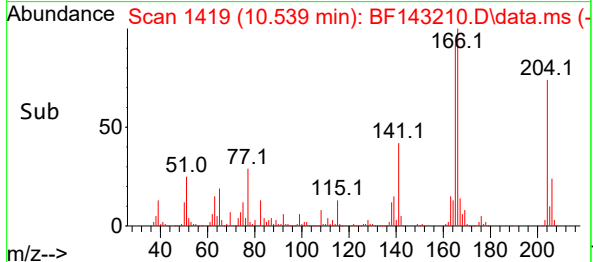
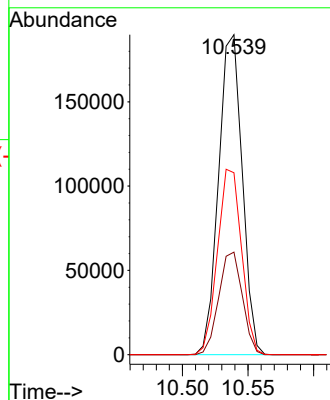
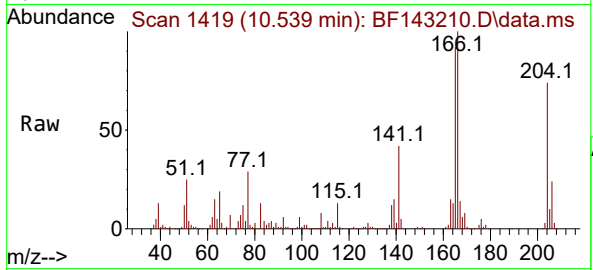




#61
4-Chlorophenyl-phenylether
Concen: 40.030 ng
RT: 10.539 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

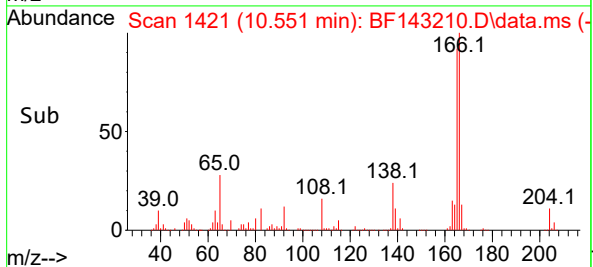
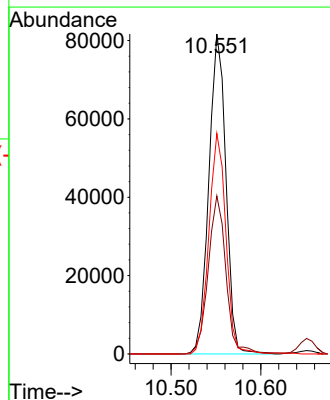
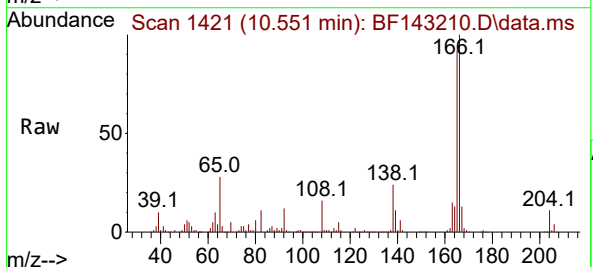
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

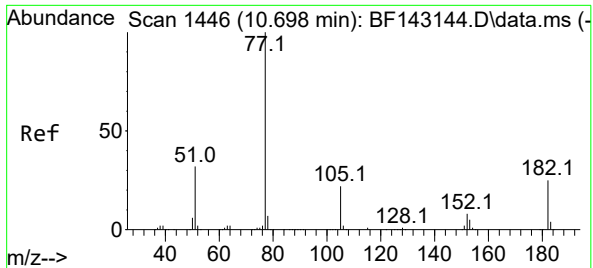
Tgt Ion:204 Resp: 238049
Ion Ratio Lower Upper
204 100
206 32.1 25.8 38.8
141 56.8 47.0 70.4



#62
4-Nitroaniline
Concen: 43.376 ng
RT: 10.551 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:138 Resp: 108074
Ion Ratio Lower Upper
138 100
92 49.4 29.3 69.3
108 68.9 48.3 88.3

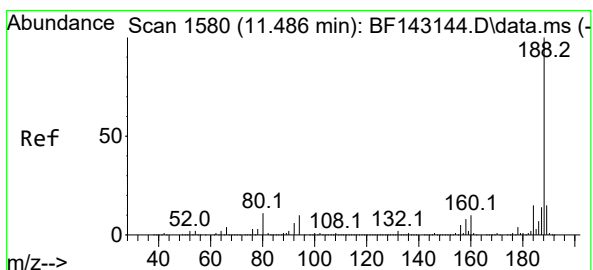
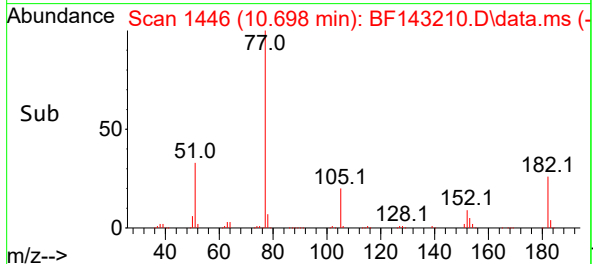
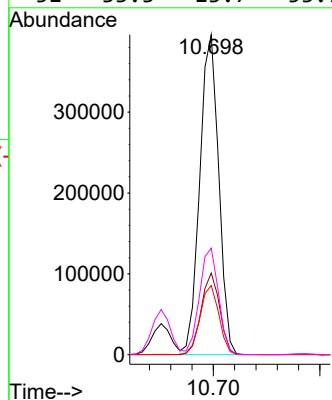
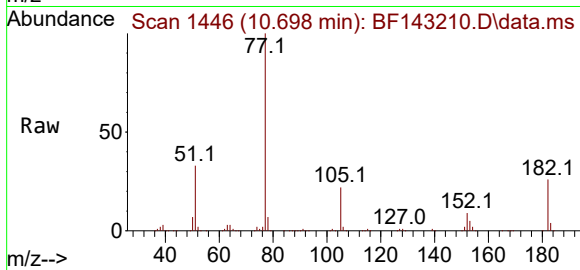




#63
Azobenzene
Concen: 38.867 ng
RT: 10.698 min Scan# 1446
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

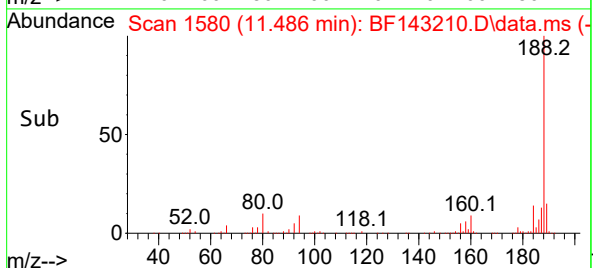
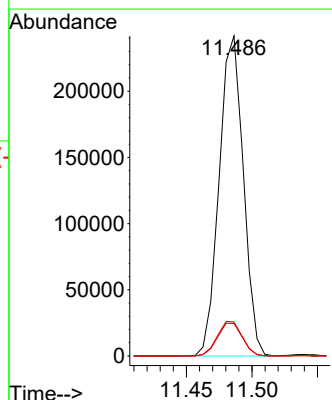
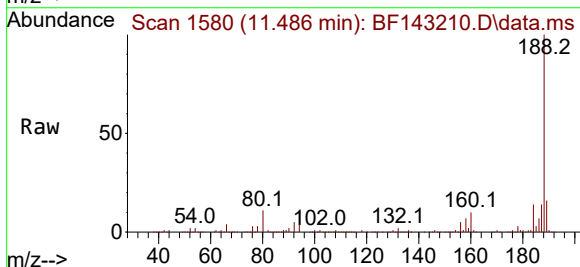
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

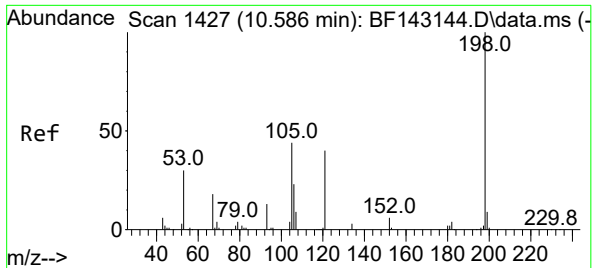
Tgt Ion: 77	Resp: 489180
Ion Ratio	Lower Upper
77 100	
182 25.5	4.6 44.6
105 21.6	1.4 41.4
51 33.3	13.7 53.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:188	Resp: 309922
Ion Ratio	Lower Upper
188 100	
94 10.2	8.3 12.5
80 10.7	9.0 13.6

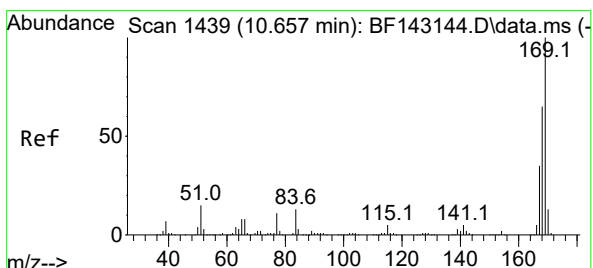
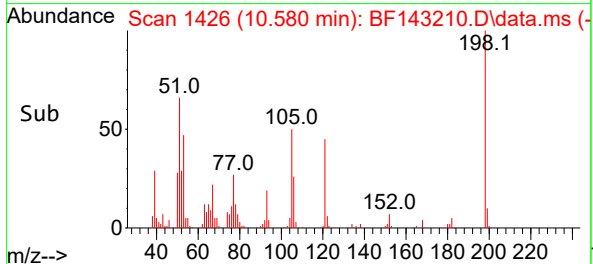
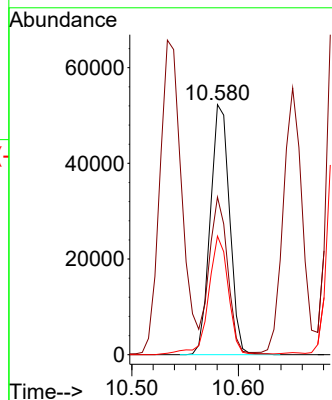
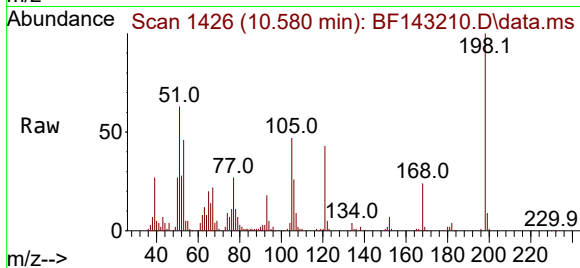




#65
4,6-Dinitro-2-methylphenol
Concen: 41.322 ng
RT: 10.580 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

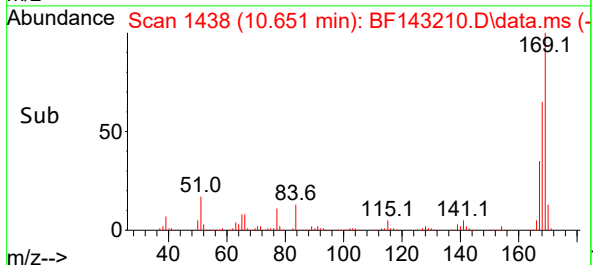
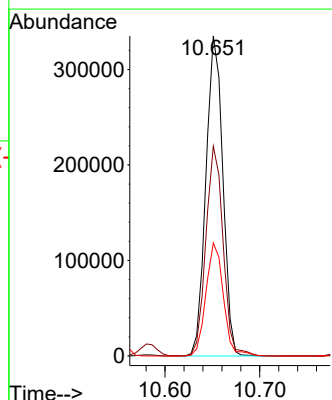
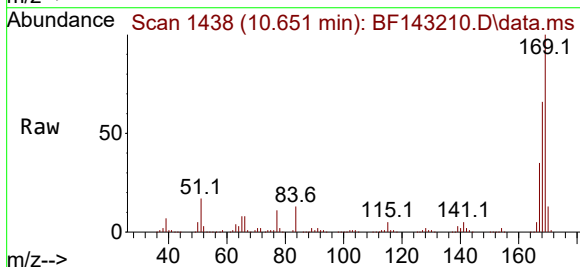
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

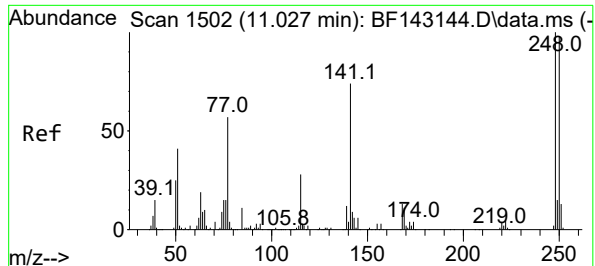
Tgt Ion:198 Resp: 65757
Ion Ratio Lower Upper
198 100
51 63.0 37.2 77.2
105 47.4 24.8 64.8



#66
n-Nitrosodiphenylamine
Concen: 37.925 ng
RT: 10.651 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:169 Resp: 413888
Ion Ratio Lower Upper
169 100
168 65.5 52.1 78.1
167 35.3 28.2 42.2

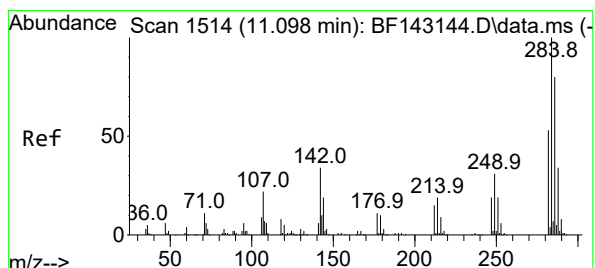
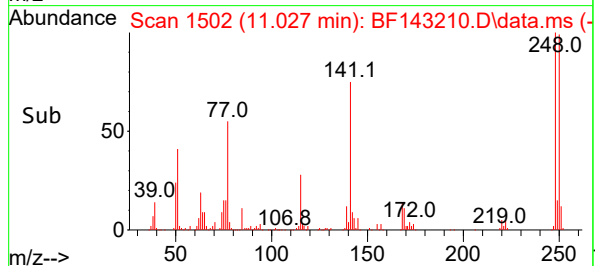
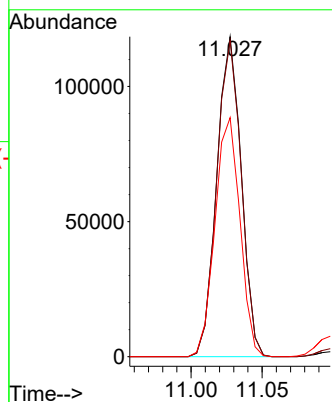
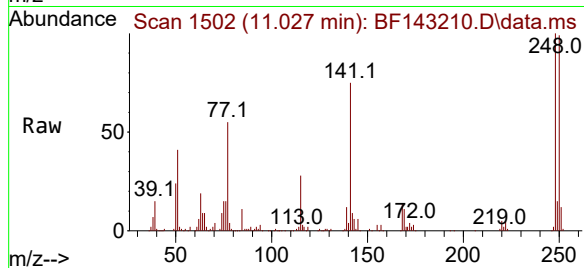




#67
4-Bromophenyl-phenylether
Concen: 38.488 ng
RT: 11.027 min Scan# 1502
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

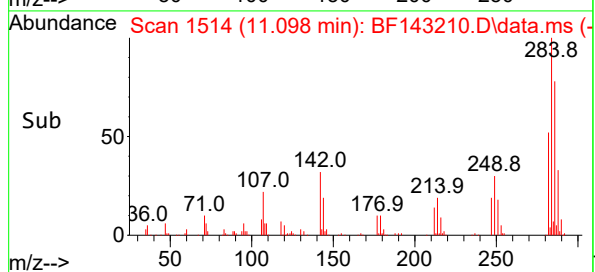
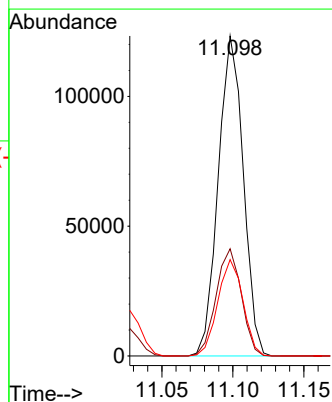
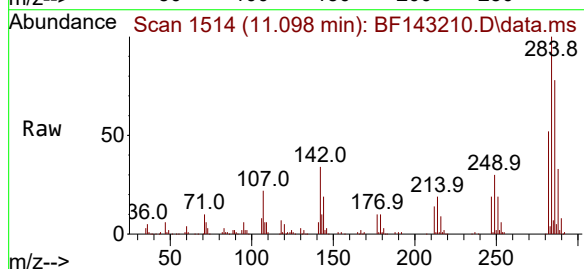
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

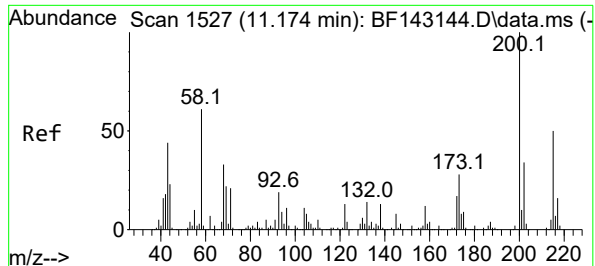
Tgt Ion:248 Resp: 142152
Ion Ratio Lower Upper
248 100
250 98.8 78.3 117.5
141 74.7 59.2 88.8



#68
Hexachlorobenzene
Concen: 39.109 ng
RT: 11.098 min Scan# 1514
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:284 Resp: 150979
Ion Ratio Lower Upper
284 100
142 33.5 27.0 40.6
249 30.1 25.0 37.6





#69

Atrazine

Concen: 42.107 ng

RT: 11.174 min Scan# 1527

Delta R.T. -0.000 min

Lab File: BF143210.D

Acq: 23 Jul 2025 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

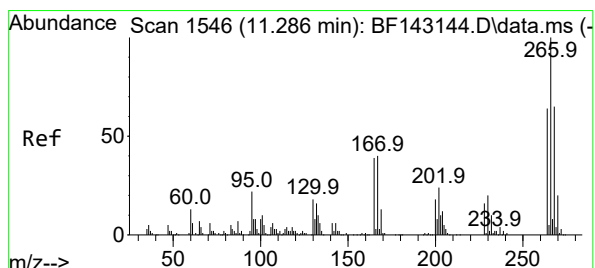
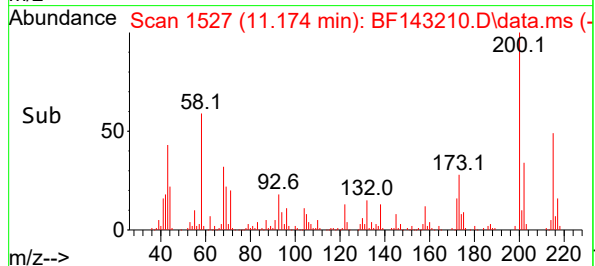
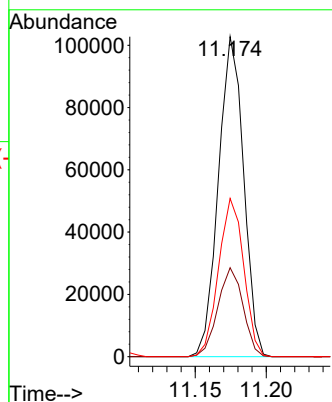
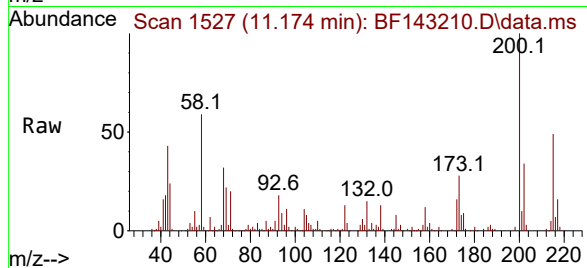
Tgt Ion:200 Resp: 126687

Ion Ratio Lower Upper

200 100

173 27.8 7.9 47.9

215 49.5 30.1 70.1



#70

Pentachlorophenol

Concen: 36.572 ng

RT: 11.286 min Scan# 1546

Delta R.T. -0.000 min

Lab File: BF143210.D

Acq: 23 Jul 2025 14:33

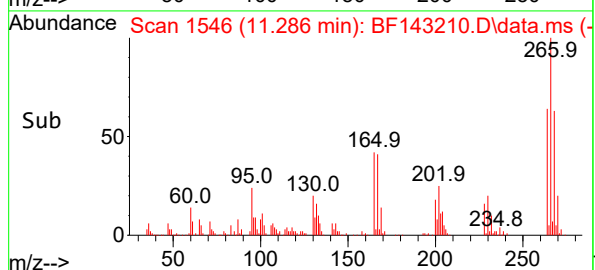
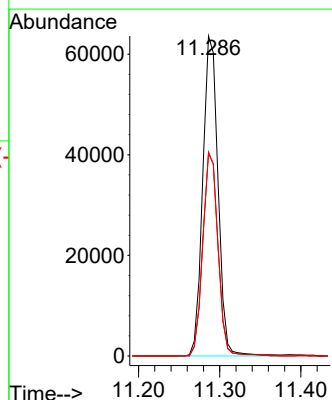
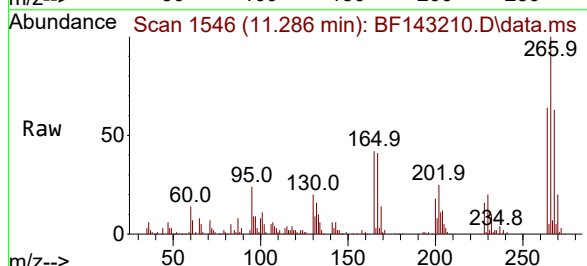
Tgt Ion:266 Resp: 83028

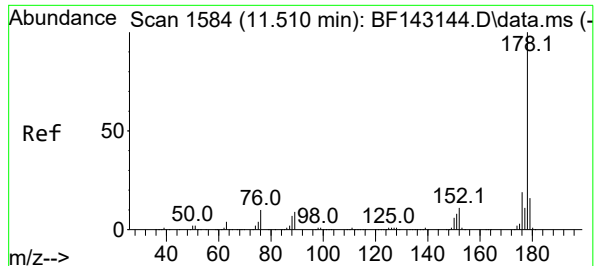
Ion Ratio Lower Upper

266 100

268 63.4 51.9 77.9

264 63.8 51.0 76.6





#71

Phenanthrene

Concen: 39.306 ng

RT: 11.510 min Scan# 1584

Delta R.T. -0.000 min

Lab File: BF143210.D

Acq: 23 Jul 2025 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

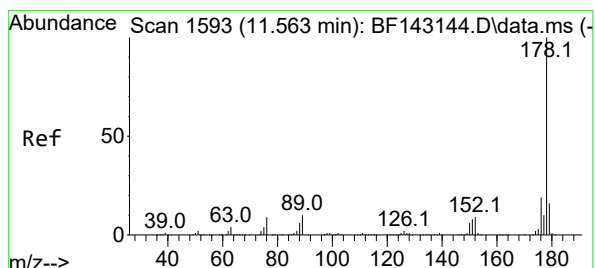
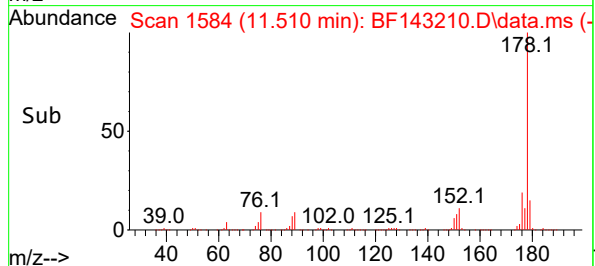
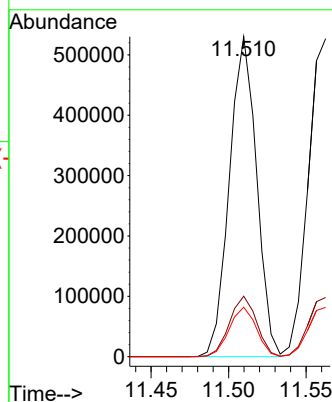
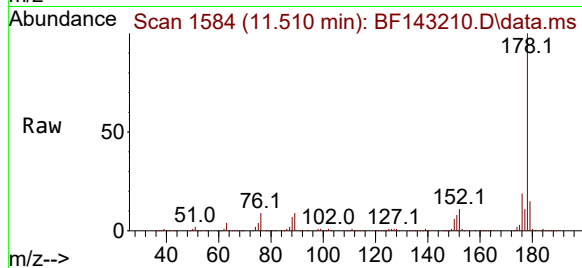
Tgt Ion:178 Resp: 646817

Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

179 15.5 12.5 18.7



#72

Anthracene

Concen: 39.761 ng

RT: 11.563 min Scan# 1593

Delta R.T. -0.000 min

Lab File: BF143210.D

Acq: 23 Jul 2025 14:33

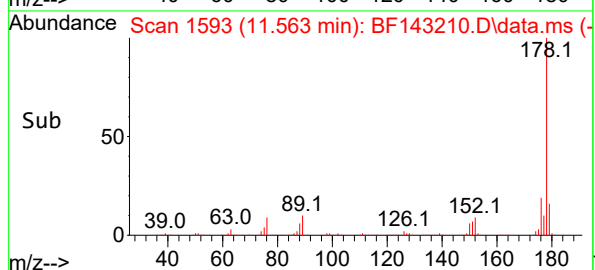
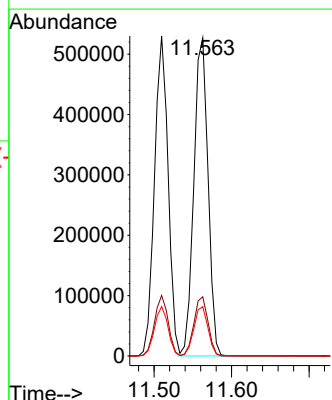
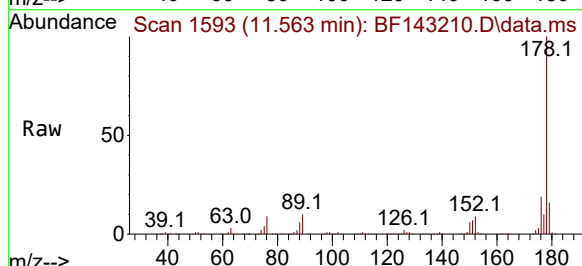
Tgt Ion:178 Resp: 667319

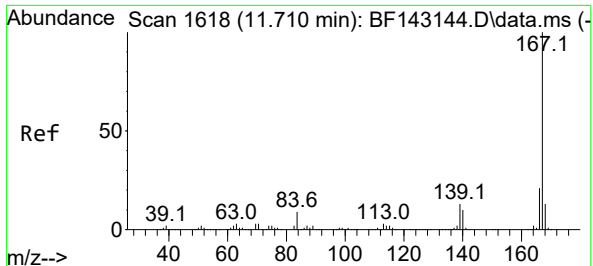
Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.4

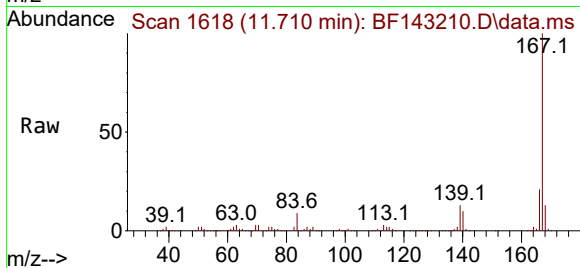
179 15.5 12.5 18.7



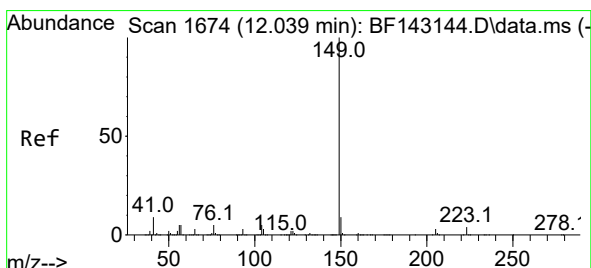
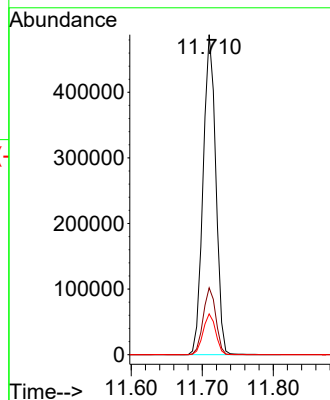
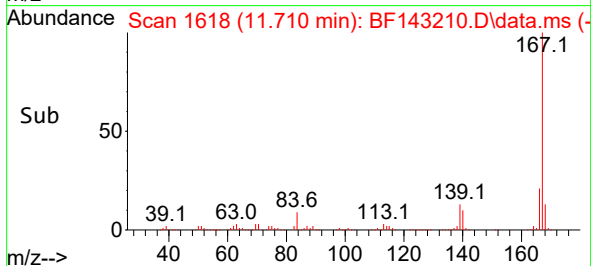


#73
 Carbazole
 Concen: 41.500 ng
 RT: 11.710 min Scan# 1618
 Delta R.T. -0.000 min
 Lab File: BF143210.D
 Acq: 23 Jul 2025 14:33

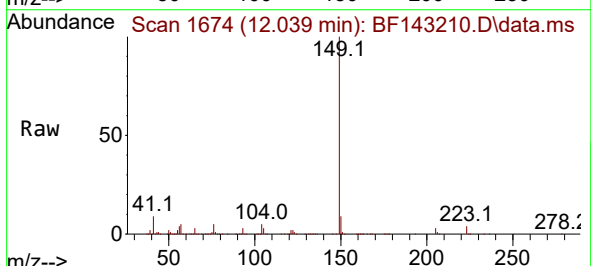
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



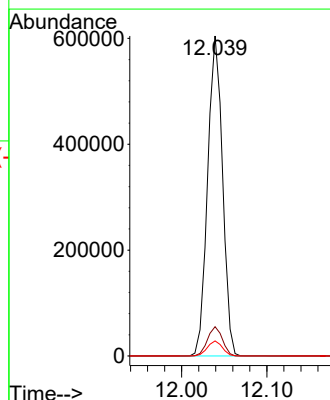
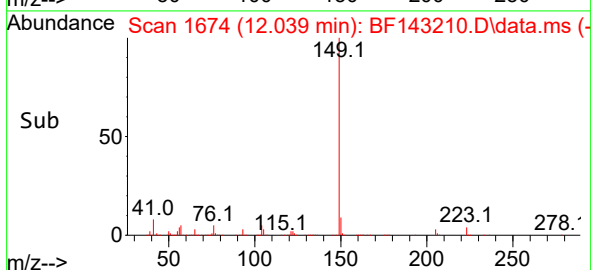
Tgt Ion:167 Resp: 608177
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.0 25.6
 139 12.8 10.0 15.0

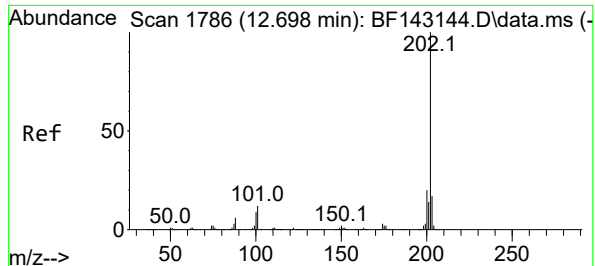


#74
 Di-n-butylphthalate
 Concen: 44.219 ng
 RT: 12.039 min Scan# 1674
 Delta R.T. -0.000 min
 Lab File: BF143210.D
 Acq: 23 Jul 2025 14:33



Tgt Ion:149 Resp: 733248
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 4.7 3.8 5.8





#75

Fluoranthene

Concen: 44.615 ng

RT: 12.698 min Scan# 1786

Delta R.T. -0.000 min

Lab File: BF143210.D

Acq: 23 Jul 2025 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

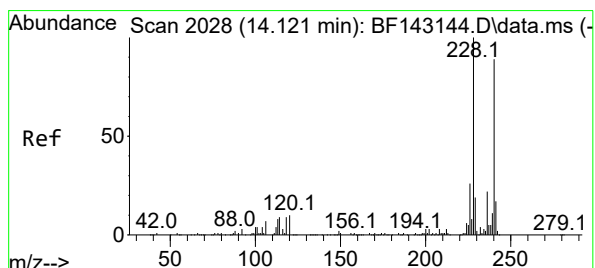
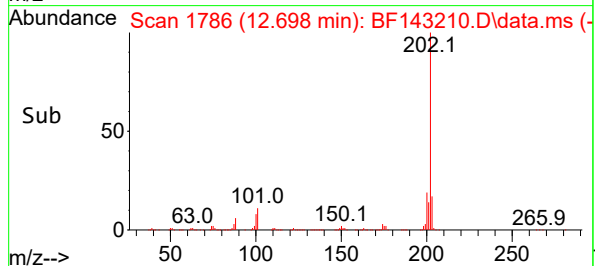
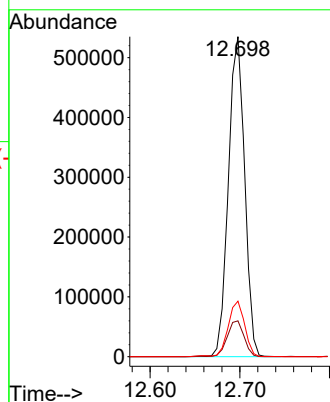
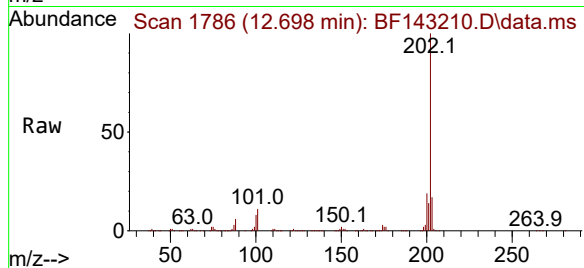
Tgt Ion:202 Resp: 673881

Ion Ratio Lower Upper

202 100

101 11.2 0.0 31.7

203 17.3 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.121 min Scan# 2028

Delta R.T. -0.000 min

Lab File: BF143210.D

Acq: 23 Jul 2025 14:33

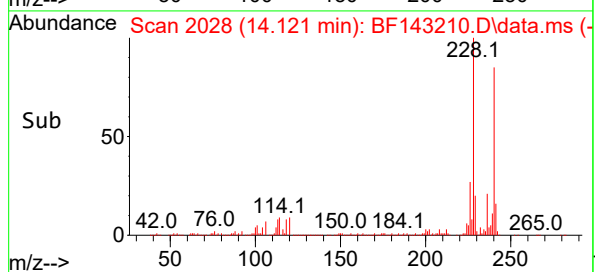
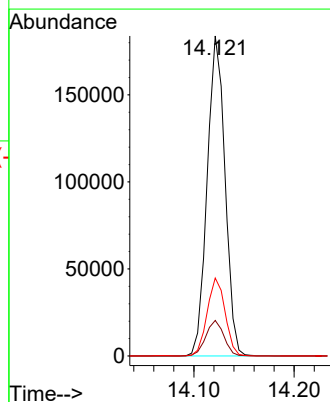
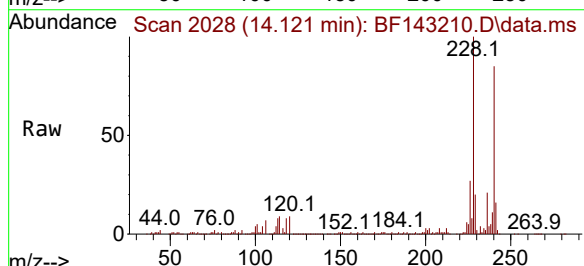
Tgt Ion:240 Resp: 228057

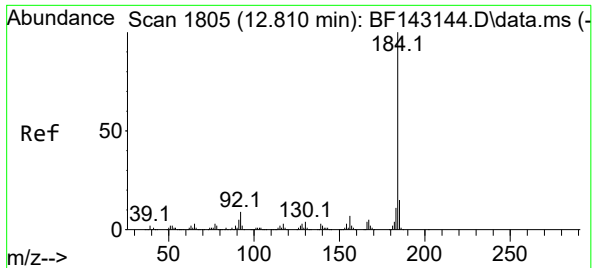
Ion Ratio Lower Upper

240 100

120 11.1 9.4 14.2

236 24.4 20.2 30.4





#77

Benzidine

Concen: 40.712 ng

RT: 12.810 min Scan# 1805

Delta R.T. -0.000 min

Lab File: BF143210.D

Acq: 23 Jul 2025 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

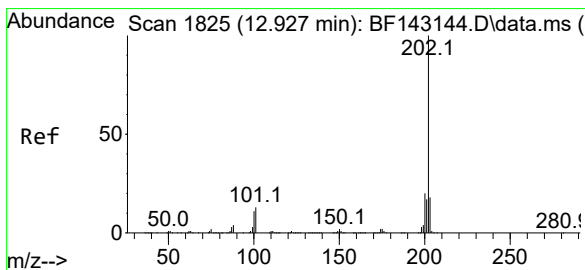
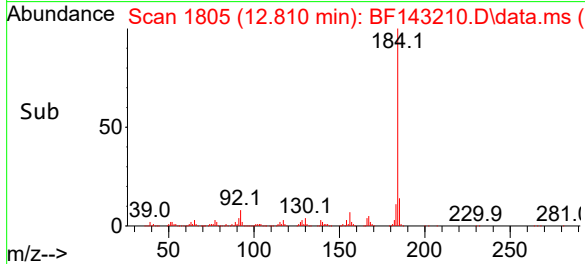
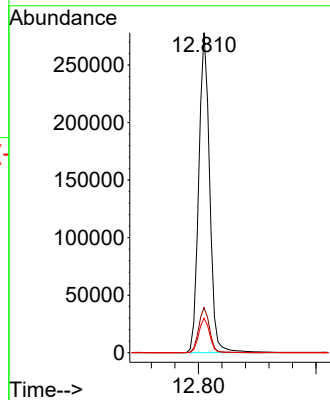
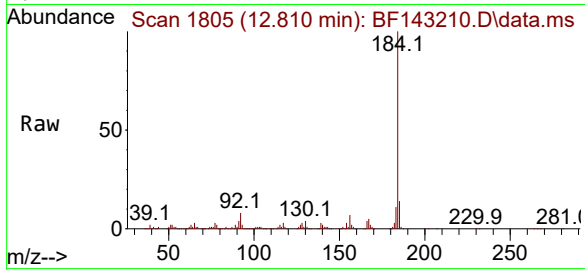
Tgt Ion:184 Resp: 357711

Ion Ratio Lower Upper

184 100

185 14.1 12.2 18.4

183 10.8 9.0 13.4



#78

Pyrene

Concen: 34.761 ng

RT: 12.927 min Scan# 1825

Delta R.T. -0.000 min

Lab File: BF143210.D

Acq: 23 Jul 2025 14:33

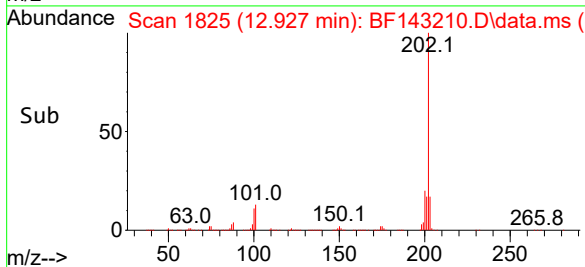
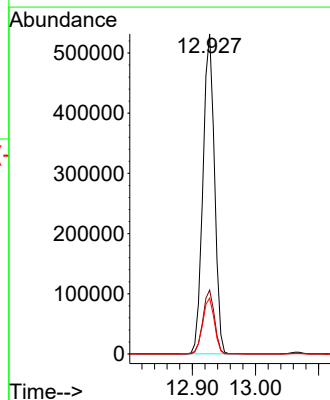
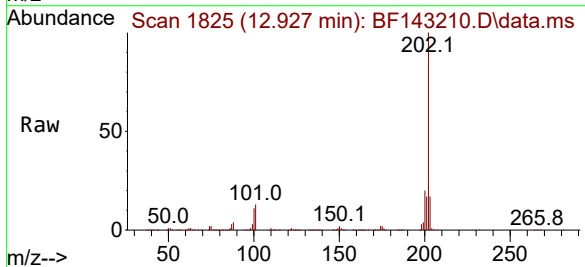
Tgt Ion:202 Resp: 676567

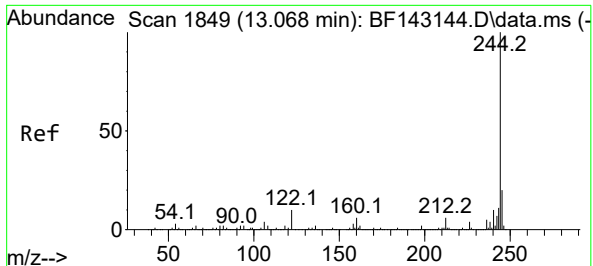
Ion Ratio Lower Upper

202 100

200 19.9 15.7 23.5

203 17.4 14.2 21.2





#79

Terphenyl-d14

Concen: 70.144 ng

RT: 13.063 min Scan# 1848

Delta R.T. -0.006 min

Lab File: BF143210.D

Acq: 23 Jul 2025 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

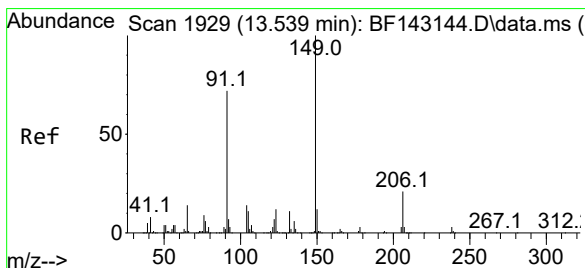
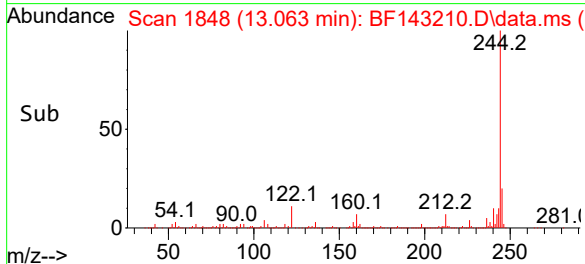
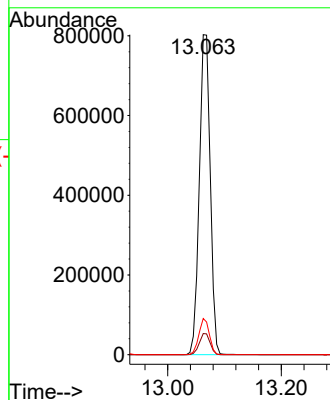
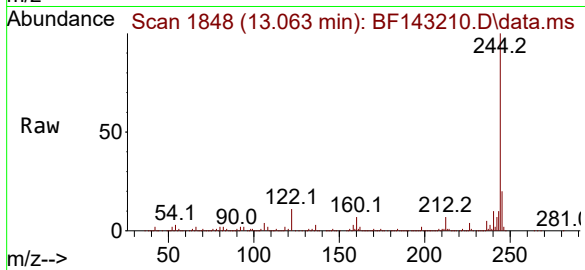
Tgt Ion:244 Resp: 1074970

Ion Ratio Lower Upper

244 100

212 6.6 5.2 7.8

122 11.3 8.2 12.2



#80

Butylbenzylphthalate

Concen: 47.140 ng

RT: 13.539 min Scan# 1929

Delta R.T. -0.000 min

Lab File: BF143210.D

Acq: 23 Jul 2025 14:33

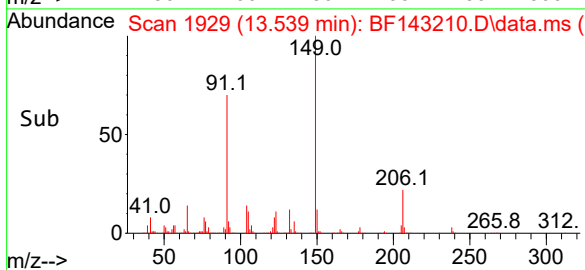
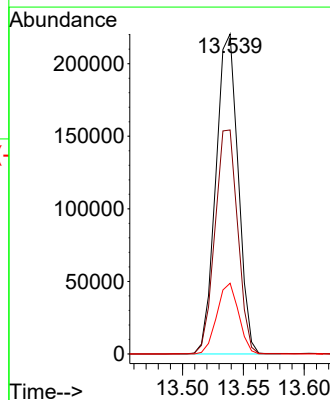
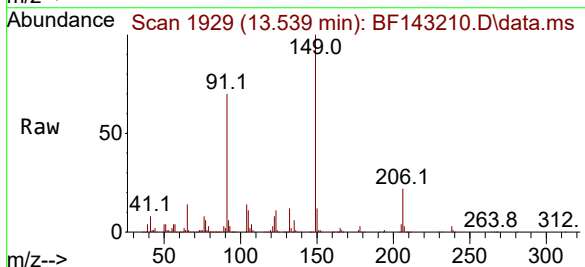
Tgt Ion:149 Resp: 280954

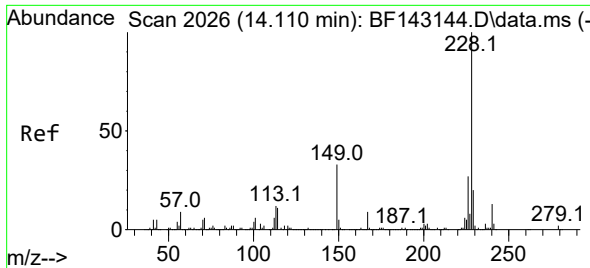
Ion Ratio Lower Upper

149 100

91 70.0 57.9 86.9

206 22.1 17.0 25.4

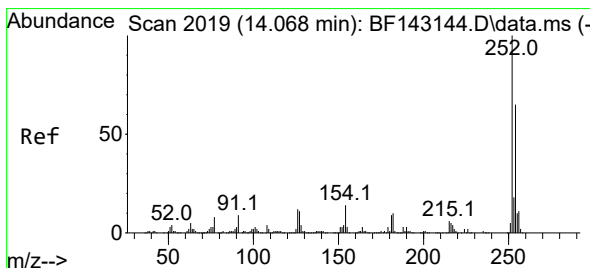
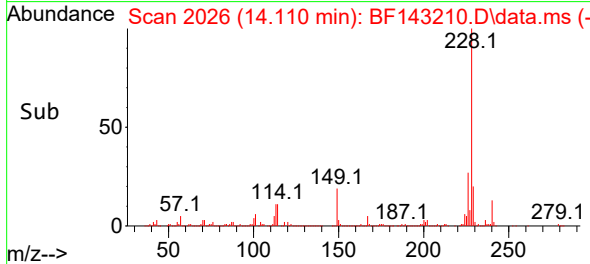
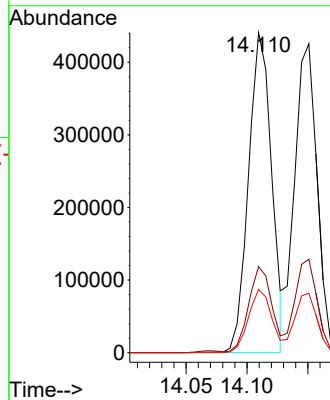
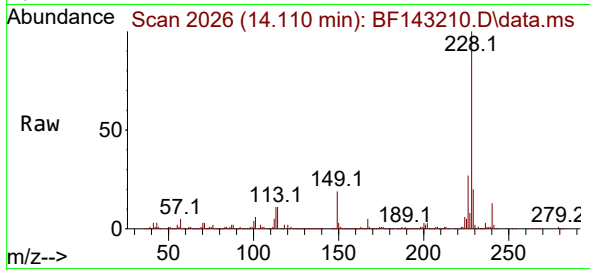




#81
Benzo(a)anthracene
Concen: 38.065 ng
RT: 14.110 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

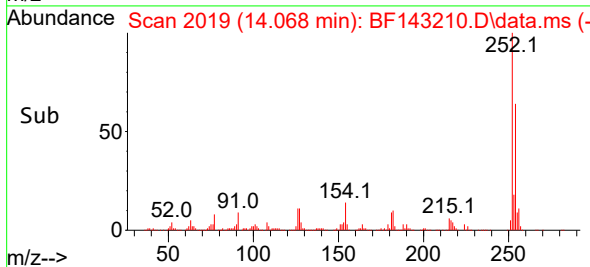
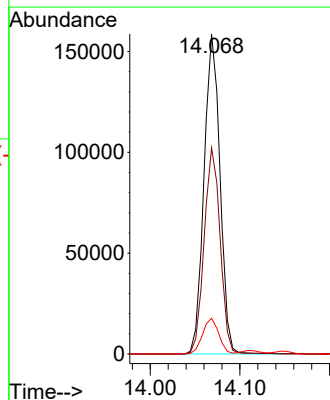
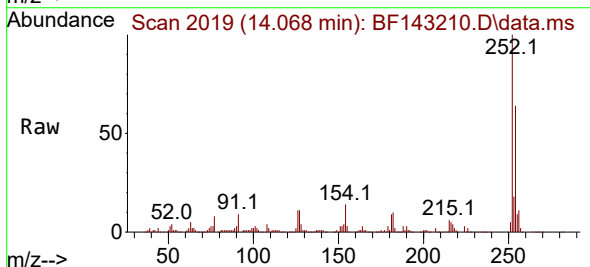
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

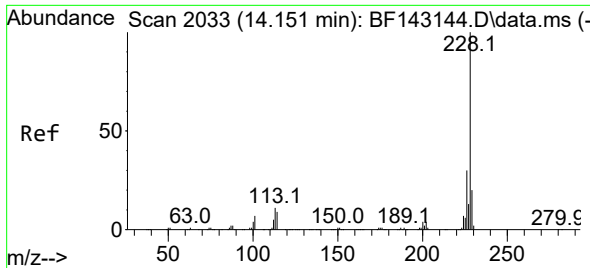
Tgt Ion:228 Resp: 581201
Ion Ratio Lower Upper
228 100
226 26.9 21.7 32.5
229 19.8 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 38.576 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:252 Resp: 196307
Ion Ratio Lower Upper
252 100
254 64.4 51.7 77.5
126 11.2 9.4 14.0





#83

Chrysene

Concen: 39.878 ng

RT: 14.151 min Scan# 2033

Delta R.T. -0.000 min

Lab File: BF143210.D

Acq: 23 Jul 2025 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

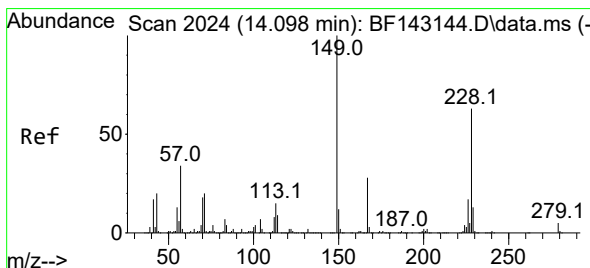
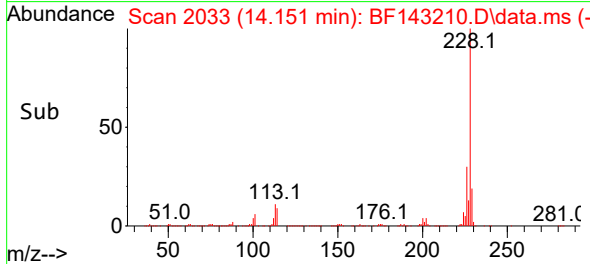
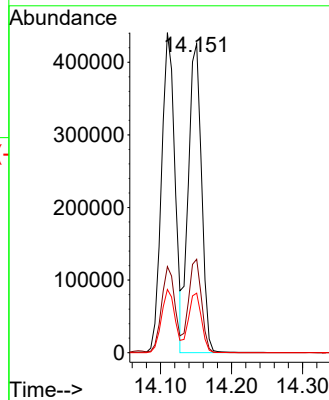
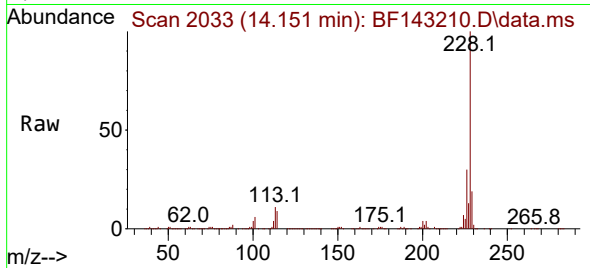
Tgt Ion:228 Resp: 547436

Ion Ratio Lower Upper

228 100

226 30.2 23.8 35.8

229 19.3 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.463 ng

RT: 14.098 min Scan# 2024

Delta R.T. -0.000 min

Lab File: BF143210.D

Acq: 23 Jul 2025 14:33

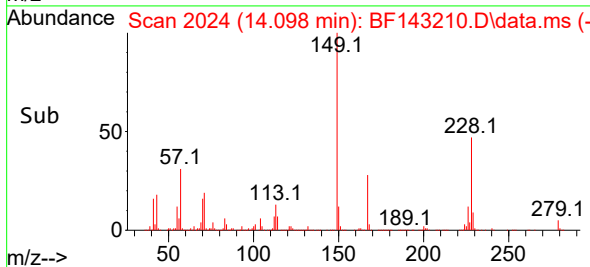
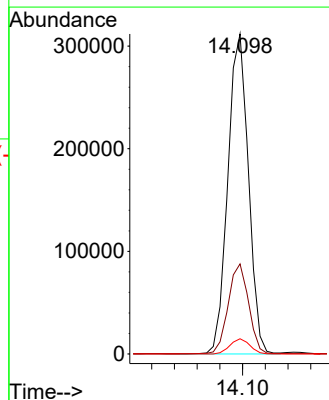
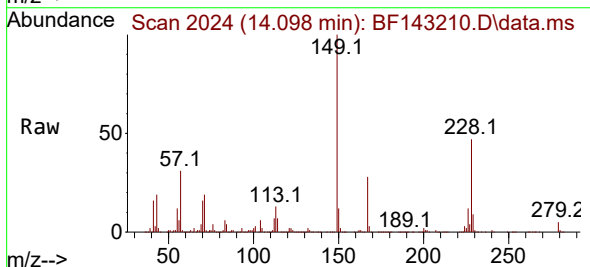
Tgt Ion:149 Resp: 392081

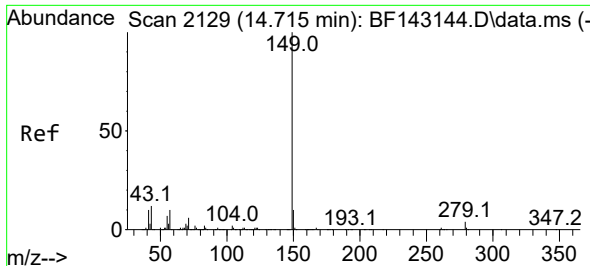
Ion Ratio Lower Upper

149 100

167 28.2 22.3 33.5

279 4.8 3.6 5.4

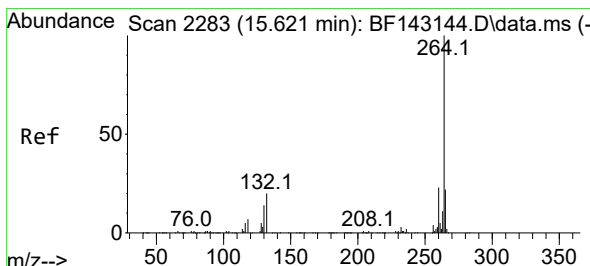
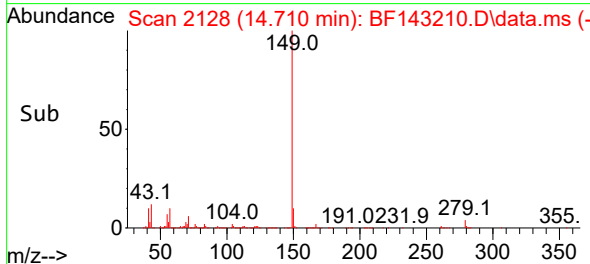
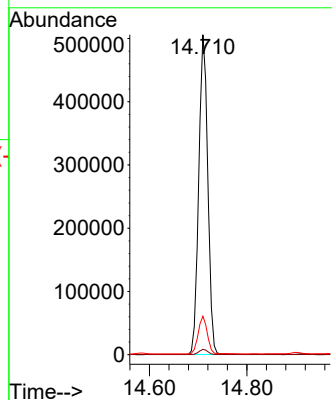
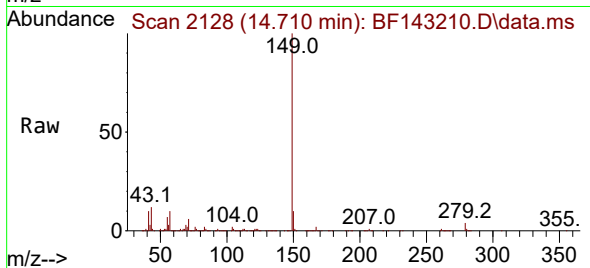




#85
Di-n-octyl phthalate
Concen: 40.193 ng
RT: 14.710 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

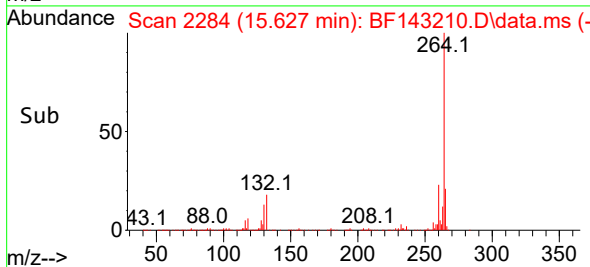
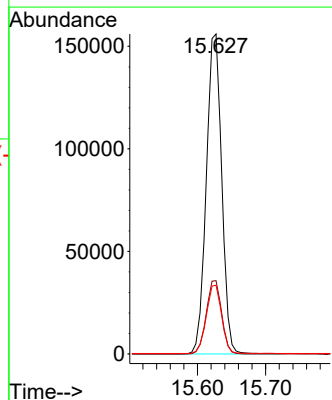
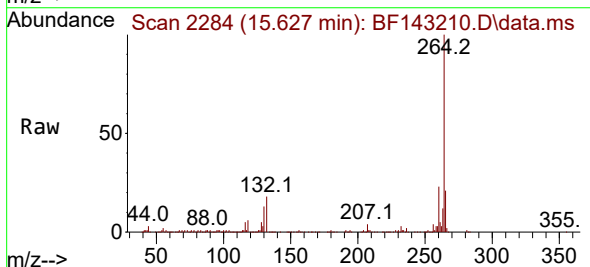
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

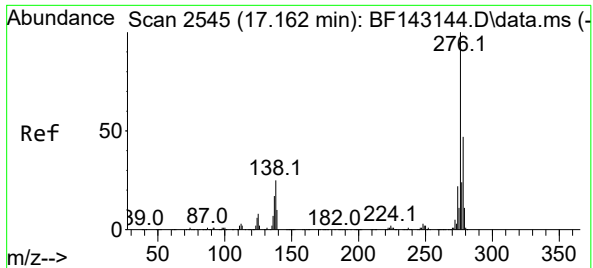
Tgt Ion:149 Resp: 657230
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 11.7 9.7 14.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.627 min Scan# 2284
Delta R.T. 0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:264 Resp: 245226
Ion Ratio Lower Upper
264 100
260 22.9 18.5 27.7
265 21.5 17.4 26.2

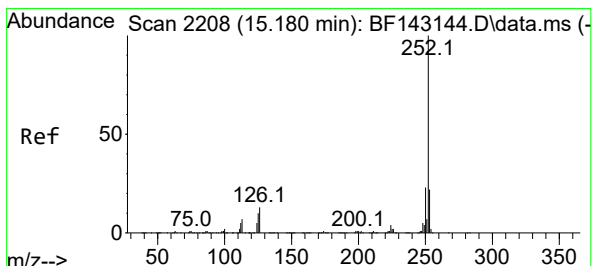
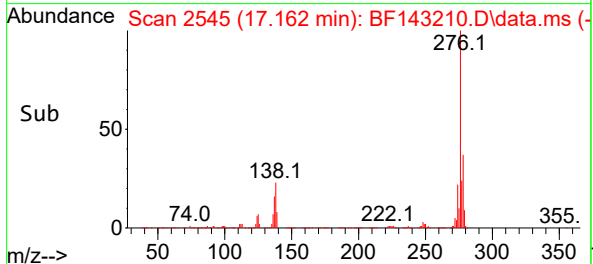
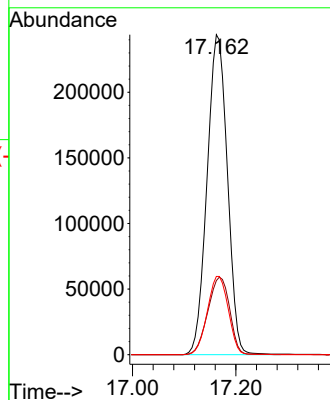
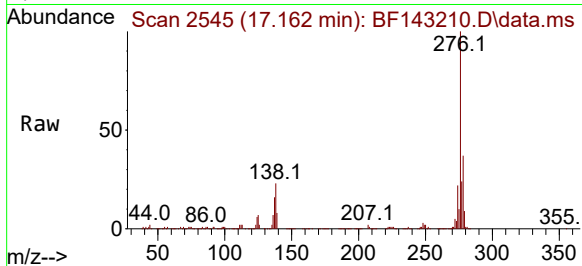




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 38.487 ng
 RT: 17.162 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF143210.D
 Acq: 23 Jul 2025 14:33

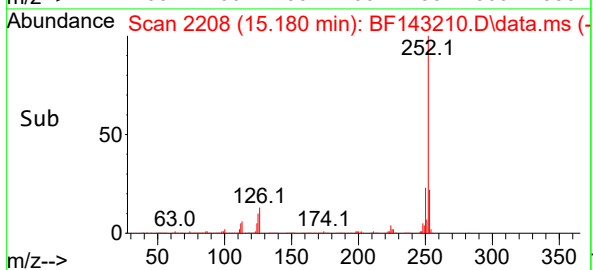
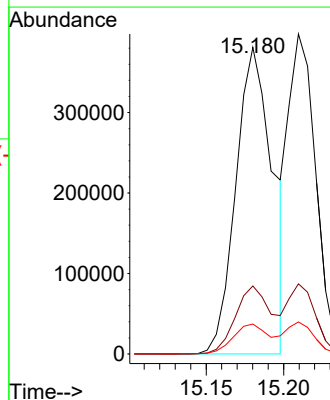
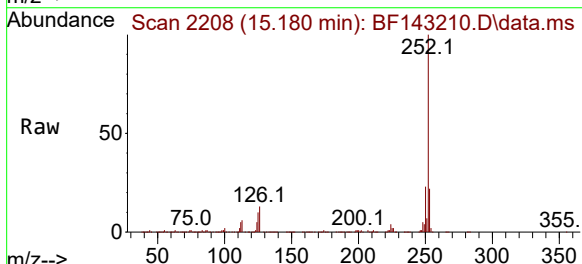
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

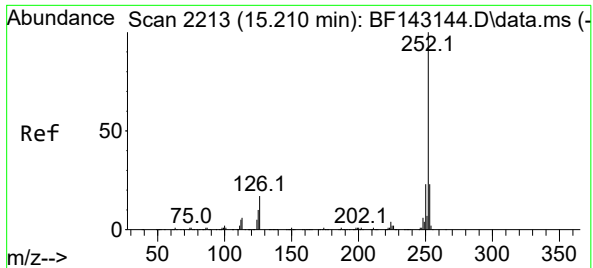
Tgt Ion:276 Resp: 665501
 Ion Ratio Lower Upper
 276 100
 138 26.1 21.8 32.6
 277 25.2 20.0 30.0



#88
 Benzo(b)fluoranthene
 Concen: 41.819 ng
 RT: 15.180 min Scan# 2208
 Delta R.T. -0.000 min
 Lab File: BF143210.D
 Acq: 23 Jul 2025 14:33

Tgt Ion:252 Resp: 626496
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.5 26.3
 125 9.8 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 36.623 ng

RT: 15.210 min Scan# 2213

Delta R.T. -0.000 min

Lab File: BF143210.D

Acq: 23 Jul 2025 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

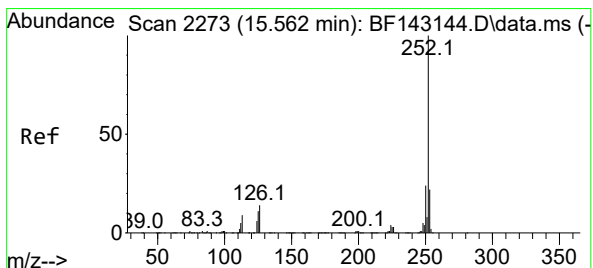
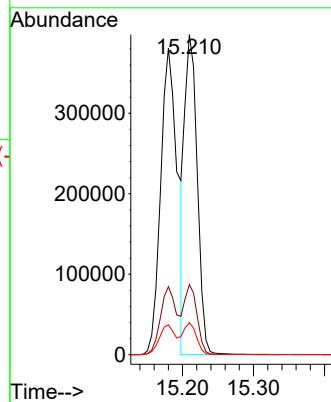
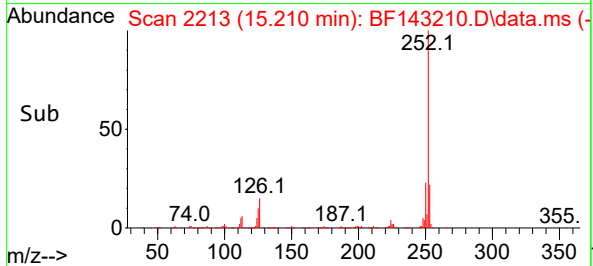
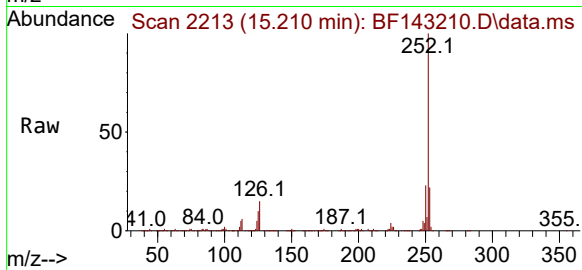
Tgt Ion:252 Resp: 489587

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

125 10.0 8.1 12.1



#90

Benzo(a)pyrene

Concen: 39.377 ng

RT: 15.562 min Scan# 2273

Delta R.T. -0.000 min

Lab File: BF143210.D

Acq: 23 Jul 2025 14:33

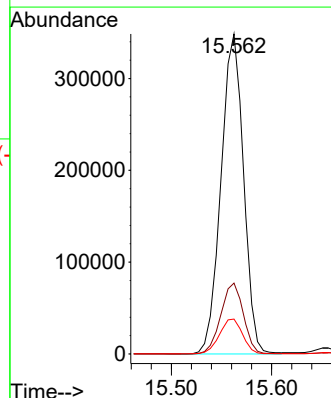
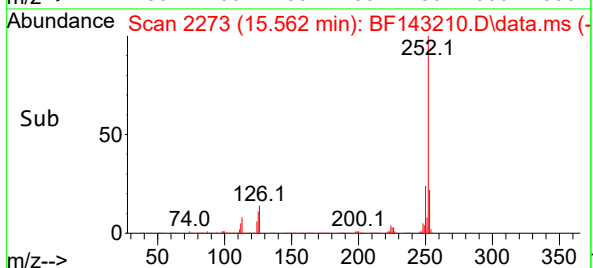
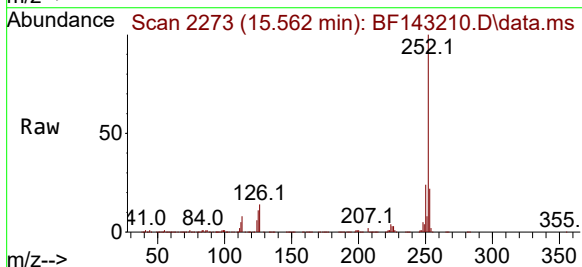
Tgt Ion:252 Resp: 543505

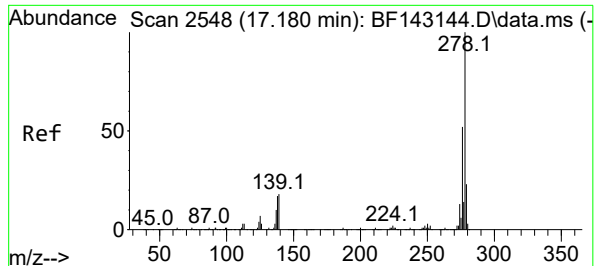
Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

125 10.9 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 38.668 ng

RT: 17.180 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF143210.D

Acq: 23 Jul 2025 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

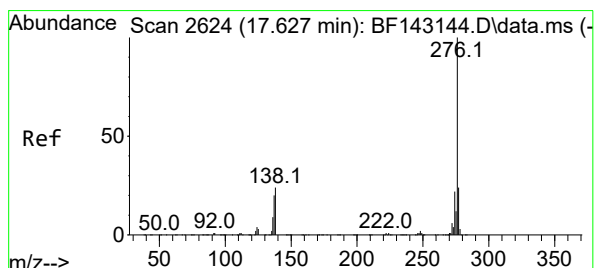
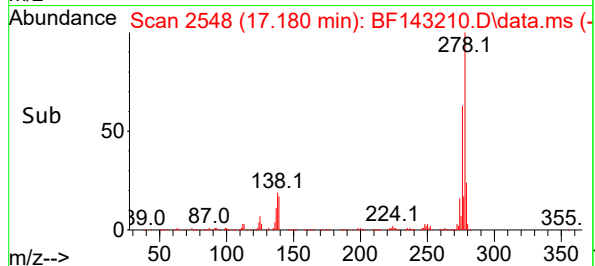
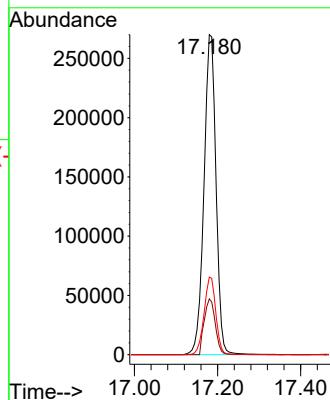
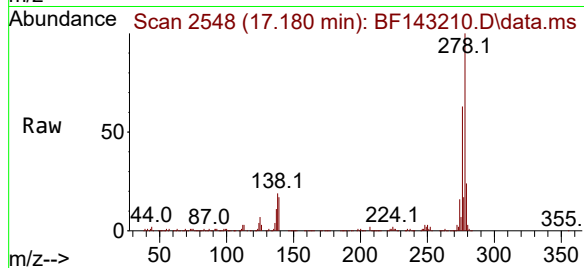
Tgt Ion:278 Resp: 544233

Ion Ratio Lower Upper

278 100

139 17.5 14.1 21.1

279 24.3 18.6 28.0



#92

Benzo(g,h,i)perylene

Concen: 39.524 ng

RT: 17.633 min Scan# 2625

Delta R.T. 0.006 min

Lab File: BF143210.D

Acq: 23 Jul 2025 14:33

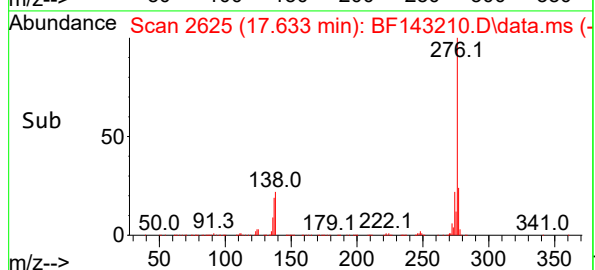
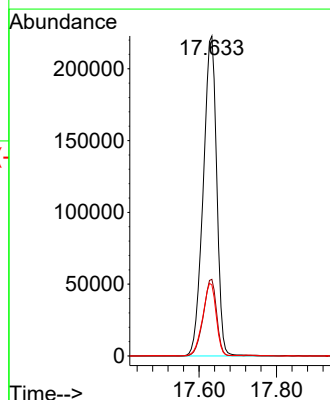
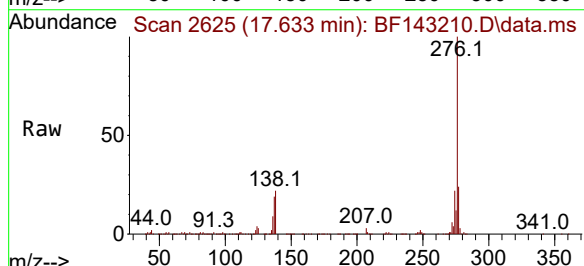
Tgt Ion:276 Resp: 538105

Ion Ratio Lower Upper

276 100

277 23.9 19.1 28.7

138 22.2 18.9 28.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
 Data File : BF143210.D
 Acq On : 23 Jul 2025 14:33
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Jul 23 15:12:13 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	58	0.00
2	1,4-Dioxane	0.598	0.584	2.3	57	-0.02
3	Pyridine	1.552	1.455	6.2	55	-0.01
4	n-Nitrosodimethylamine	0.801	0.779	2.7	56	-0.02
5 S	2-Fluorophenol	1.264	1.243	1.7	59	0.00
6	Aniline	2.217	2.069	6.7	55	0.00
7 S	Phenol-d6	1.591	1.523	4.3	57	0.00
8	2-Chlorophenol	1.325	1.298	2.0	58	0.00
9	Benzaldehyde	1.193	1.066	10.6	43#	0.00
10 C	Phenol	1.733	1.726	0.4	59	0.00
11	bis(2-Chloroethyl)ether	1.327	1.254	5.5	56	0.00
12	1,3-Dichlorobenzene	1.439	1.444	-0.3	60	0.00
13 C	1,4-Dichlorobenzene	1.449	1.442	0.5	59	0.00
14	1,2-Dichlorobenzene	1.378	1.382	-0.3	60	0.00
15	Benzyl Alcohol	1.215	1.173	3.5	56	0.00
16	2,2'-oxybis(1-Chloropropane	2.461	2.315	5.9	56	0.00
17	2-Methylphenol	1.114	1.066	4.3	57	0.00
18	Hexachloroethane	0.502	0.518	-3.2	61	0.00
19 P	n-Nitroso-di-n-propylamine	1.021	0.929	9.0	55	0.00
20	3+4-Methylphenols	1.351	1.319	2.4	57	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	57	0.00
22	Acetophenone	0.474	0.460	3.0	57	0.00
23 S	Nitrobenzene-d5	0.401	0.408	-1.7	58	0.00
24	Nitrobenzene	0.374	0.377	-0.8	57	0.00
25	Isophorone	0.708	0.669	5.5	55	0.00
26 C	2-Nitrophenol	0.162	0.179	-10.5	59	0.00
27	2,4-Dimethylphenol	0.331	0.316	4.5	55	0.00
28	bis(2-Chloroethoxy)methane	0.425	0.401	5.6	55	0.00
29 C	2,4-Dichlorophenol	0.279	0.275	1.4	57	0.00
30	1,2,4-Trichlorobenzene	0.302	0.307	-1.7	59	0.00
31	Naphthalene	0.985	0.978	0.7	58	0.00
32	Benzoic acid	0.169	0.190	-12.4	60	0.00
33	4-Chloroaniline	0.402	0.385	4.2	56	0.00
34 C	Hexachlorobutadiene	0.184	0.189	-2.7	59	0.00
35	Caprolactam	0.084	0.086	-2.4	56	-0.02
36 C	4-Chloro-3-methylphenol	0.303	0.294	3.0	56	0.00
37	2-Methylnaphthalene	0.599	0.593	1.0	58	0.00
38	1-Methylnaphthalene	0.617	0.615	0.3	58	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	56	0.00
40	1,2,4,5-Tetrachlorobenzene	0.577	0.577	0.0	59	0.00
41 P	Hexachlorocyclopentadiene	0.376	0.395	-5.1	60	0.00
42 S	2,4,6-Tribromophenol	0.207	0.202	2.4	54	0.00
43 C	2,4,6-Trichlorophenol	0.400	0.386	3.5	57	0.00
44	2,4,5-Trichlorophenol	0.400	0.402	-0.5	56	0.00
45 S	2-Fluorobiphenyl	1.462	1.452	0.7	60	0.00
46	1,1'-Biphenyl	1.560	1.539	1.3	58	0.00
47	2-Chloronaphthalene	1.155	1.124	2.7	58	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
 Data File : BF143210.D
 Acq On : 23 Jul 2025 14:33
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Jul 23 15:12:13 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48	2-Nitroaniline	0.362	0.373	-3.0	56	0.00
49	Acenaphthylene	1.935	1.886	2.5	57	0.00
50	Dimethylphthalate	1.304	1.287	1.3	57	0.00
51	2,6-Dinitrotoluene	0.265	0.272	-2.6	55	0.00
52 C	Acenaphthene	1.144	1.132	1.0	58	0.00
53	3-Nitroaniline	0.310	0.321	-3.5	57	0.00
54 P	2,4-Dinitrophenol	0.098	0.121	-23.5	66	0.00
55	Dibenzofuran	1.698	1.669	1.7	58	0.00
56 P	4-Nitrophenol	0.232	0.241	-3.9	55	0.00
57	2,4-Dinitrotoluene	0.333	0.361	-8.4	58	0.00
58	Fluorene	1.274	1.270	0.3	59	0.00
59	2,3,4,6-Tetrachlorophenol	0.331	0.297	10.3	50	0.00
60	Diethylphthalate	1.289	1.275	1.1	57	0.00
61	4-Chlorophenyl-phenylether	0.635	0.635	0.0	59	0.00
62	4-Nitroaniline	0.266	0.288	-8.3	58	0.00
63	Azobenzene	1.343	1.305	2.8	56	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	57	0.00
65	4,6-Dinitro-2-methylphenol	0.094	0.106	-12.8	62	0.00
66 c	n-Nitrosodiphenylamine	0.704	0.668	5.1	57	0.00
67	4-Bromophenyl-phenylether	0.238	0.229	3.8	57	0.00
68	Hexachlorobenzene	0.249	0.244	2.0	58	0.00
69	Atrazine	0.194	0.204	-5.2	59	0.00
70 C	Pentachlorophenol	0.147	0.134	8.8	52	0.00
71	Phenanthrene	1.062	1.044	1.7	58	0.00
72	Anthracene	1.083	1.077	0.6	59	0.00
73	Carbazole	0.946	0.981	-3.7	60	0.00
74	Di-n-butylphthalate	1.070	1.183	-10.6	63	0.00
75 C	Fluoranthene	0.975	1.087	-11.5	65	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	77	0.00
77	Benzydine	0.771	0.784	-1.7	63	0.00
78	Pyrene	1.707	1.483	13.1	67	0.00
79 S	Terphenyl-d14	1.344	1.178	12.4	69	0.00
80	Butylbenzylphthalate	0.523	0.616	-17.8	87	0.00
81	Benzo(a)anthracene	1.339	1.274	4.9	77	0.00
82	3,3'-Dichlorobenzidine	0.446	0.430	3.6	77	0.00
83	Chrysene	1.204	1.200	0.3	77	0.00
84	Bis(2-ethylhexyl)phthalate	0.791	0.860	-8.7	84	0.00
85 c	Di-n-octyl phthalate	1.434	1.441	-0.5	80	0.00
86 I	Perylene-d12	1.000	1.000	0.0	76	0.00
87	Indeno(1,2,3-cd)pyrene	1.410	1.357	3.8	73	0.00
88	Benzo(b)fluoranthene	1.222	1.277	-4.5	84	0.00
89	Benzo(k)fluoranthene	1.090	0.998	8.4	67	0.00
90 C	Benzo(a)pyrene	1.126	1.108	1.6	75	0.00
91	Dibenzo(a,h)anthracene	1.148	1.110	3.3	73	0.00
92	Benzo(g,h,i)perylene	1.110	1.097	1.2	75	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143210.D
Acq On : 23 Jul 2025 14:33
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jul 23 15:12:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range

SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
 Data File : BF143210.D
 Acq On : 23 Jul 2025 14:33
 Operator : RC/JU
 Sample : SSTDCCC040
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Quant Time: Jul 23 15:12:13 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	58	0.00
2	1,4-Dioxane	40.000	39.043	2.4	57	-0.02
3	Pyridine	40.000	37.501	6.2	55	-0.01
4	n-Nitrosodimethylamine	40.000	38.857	2.9	56	-0.02
5 S	2-Fluorophenol	80.000	78.697	1.6	59	0.00
6	Aniline	40.000	37.330	6.7	55	0.00
7 S	Phenol-d6	80.000	76.594	4.3	57	0.00
8	2-Chlorophenol	40.000	39.203	2.0	58	0.00
9	Benzaldehyde	40.000	35.749	10.6	43	0.00
10 C	Phenol	40.000	39.837	0.4	59	0.00
11	bis(2-Chloroethyl)ether	40.000	37.812	5.5	56	0.00
12	1,3-Dichlorobenzene	40.000	40.124	-0.3	60	0.00
13 C	1,4-Dichlorobenzene	40.000	39.792	0.5	59	0.00
14	1,2-Dichlorobenzene	40.000	40.116	-0.3	60	0.00
15	Benzyl Alcohol	40.000	38.639	3.4	56	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	37.612	6.0	56	0.00
17	2-Methylphenol	40.000	38.282	4.3	57	0.00
18	Hexachloroethane	40.000	41.296	-3.2	61	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	36.393	9.0	55	0.00
20	3+4-Methylphenols	40.000	39.051	2.4	57	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	57	0.00
22	Acetophenone	40.000	38.853	2.9	57	0.00
23 S	Nitrobenzene-d5	80.000	81.332	-1.7	58	0.00
24	Nitrobenzene	40.000	40.321	-0.8	57	0.00
25	Isophorone	40.000	37.791	5.5	55	0.00
26 C	2-Nitrophenol	40.000	44.072	-10.2	59	0.00
27	2,4-Dimethylphenol	40.000	38.169	4.6	55	0.00
28	bis(2-Chloroethoxy)methane	40.000	37.737	5.7	55	0.00
29 C	2,4-Dichlorophenol	40.000	39.391	1.5	57	0.00
30	1,2,4-Trichlorobenzene	40.000	40.763	-1.9	59	0.00
31	Naphthalene	40.000	39.723	0.7	58	0.00
32	Benzoic acid	40.000	41.627	-4.1	60	0.00
33	4-Chloroaniline	40.000	38.259	4.4	56	0.00
34 C	Hexachlorobutadiene	40.000	40.960	-2.4	59	0.00
35	Caprolactam	40.000	40.895	-2.2	56	-0.02
36 C	4-Chloro-3-methylphenol	40.000	38.764	3.1	56	0.00
37	2-Methylnaphthalene	40.000	39.580	1.1	58	0.00
38	1-Methylnaphthalene	40.000	39.872	0.3	58	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	56	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	39.956	0.1	59	0.00
41 P	Hexachlorocyclopentadiene	40.000	42.082	-5.2	60	0.00
42 S	2,4,6-Tribromophenol	80.000	78.251	2.2	54	0.00
43 C	2,4,6-Trichlorophenol	40.000	38.625	3.4	57	0.00
44	2,4,5-Trichlorophenol	40.000	40.211	-0.5	56	0.00
45 S	2-Fluorobiphenyl	80.000	79.441	0.7	60	0.00
46	1,1'-Biphenyl	40.000	39.454	1.4	58	0.00
47	2-Chloronaphthalene	40.000	38.957	2.6	58	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
 Data File : BF143210.D
 Acq On : 23 Jul 2025 14:33
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Jul 23 15:12:13 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	41.188	-3.0	56	0.00
49	Acenaphthylene	40.000	38.989	2.5	57	0.00
50	Dimethylphthalate	40.000	39.503	1.2	57	0.00
51	2,6-Dinitrotoluene	40.000	41.014	-2.5	55	0.00
52 C	Acenaphthene	40.000	39.605	1.0	58	0.00
53	3-Nitroaniline	40.000	41.423	-3.6	57	0.00
54 P	2,4-Dinitrophenol	40.000	43.601	-9.0	66	0.00
55	Dibenzofuran	40.000	39.327	1.7	58	0.00
56 P	4-Nitrophenol	40.000	41.556	-3.9	55	0.00
57	2,4-Dinitrotoluene	40.000	43.429	-8.6	58	0.00
58	Fluorene	40.000	39.871	0.3	59	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	35.835	10.4	50	0.00
60	Diethylphthalate	40.000	39.593	1.0	57	0.00
61	4-Chlorophenyl-phenylether	40.000	40.030	-0.1	59	0.00
62	4-Nitroaniline	40.000	43.376	-8.4	58	0.00
63	Azobenzene	40.000	38.867	2.8	56	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	57	0.00
65	4,6-Dinitro-2-methylphenol	40.000	41.322	-3.3	62	0.00
66 c	n-Nitrosodiphenylamine	40.000	37.925	5.2	57	0.00
67	4-Bromophenyl-phenylether	40.000	38.488	3.8	57	0.00
68	Hexachlorobenzene	40.000	39.109	2.2	58	0.00
69	Atrazine	40.000	42.107	-5.3	59	0.00
70 C	Pentachlorophenol	40.000	36.572	8.6	52	0.00
71	Phenanthrene	40.000	39.306	1.7	58	0.00
72	Anthracene	40.000	39.761	0.6	59	0.00
73	Carbazole	40.000	41.500	-3.8	60	0.00
74	Di-n-butylphthalate	40.000	44.219	-10.5	63	0.00
75 C	Fluoranthene	40.000	44.615	-11.5	65	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	77	0.00
77	Benzydine	40.000	40.712	-1.8	63	0.00
78	Pyrene	40.000	34.761	13.1	67	0.00
79 S	Terphenyl-d14	80.000	70.144	12.3	69	0.00
80	Butylbenzylphthalate	40.000	47.140	-17.9	87	0.00
81	Benzo(a)anthracene	40.000	38.065	4.8	77	0.00
82	3,3'-Dichlorobenzidine	40.000	38.576	3.6	77	0.00
83	Chrysene	40.000	39.878	0.3	77	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	43.463	-8.7	84	0.00
85 c	Di-n-octyl phthalate	40.000	40.193	-0.5	80	0.00
86 I	Perylene-d12	20.000	20.000	0.0	76	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	38.487	3.8	73	0.00
88	Benzo(b)fluoranthene	40.000	41.819	-4.5	84	0.00
89	Benzo(k)fluoranthene	40.000	36.623	8.4	67	0.00
90 C	Benzo(a)pyrene	40.000	39.377	1.6	75	0.00
91	Dibenzo(a,h)anthracene	40.000	38.668	3.3	73	0.00
92	Benzo(g,h,i)perylene	40.000	39.524	1.2	75	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143210.D
Acq On : 23 Jul 2025 14:33
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jul 23 15:12:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0



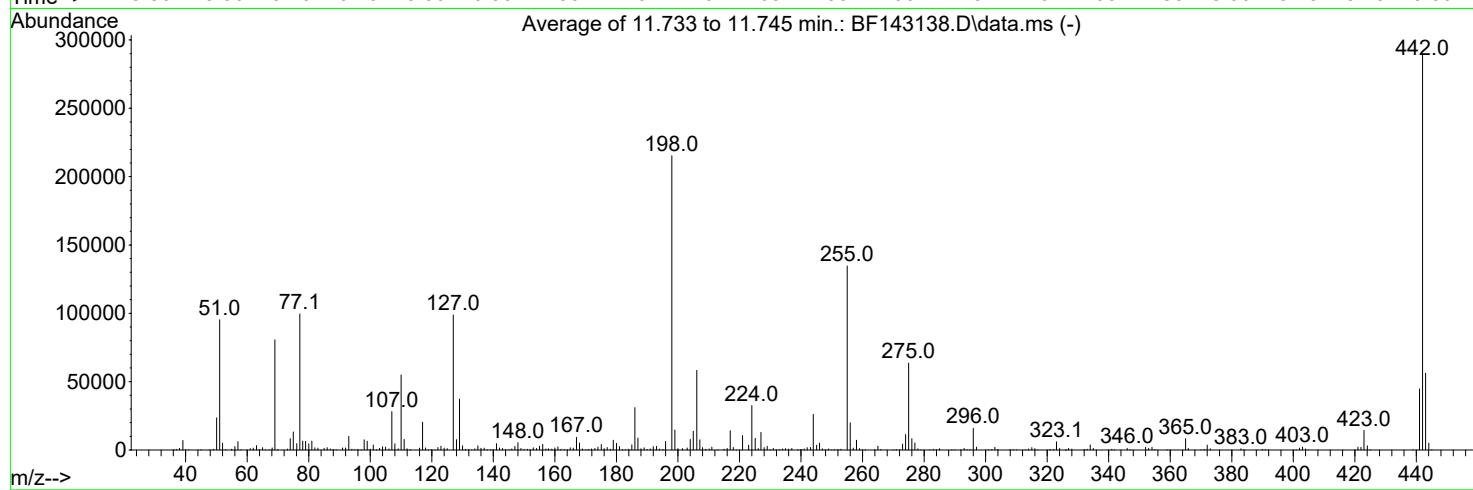
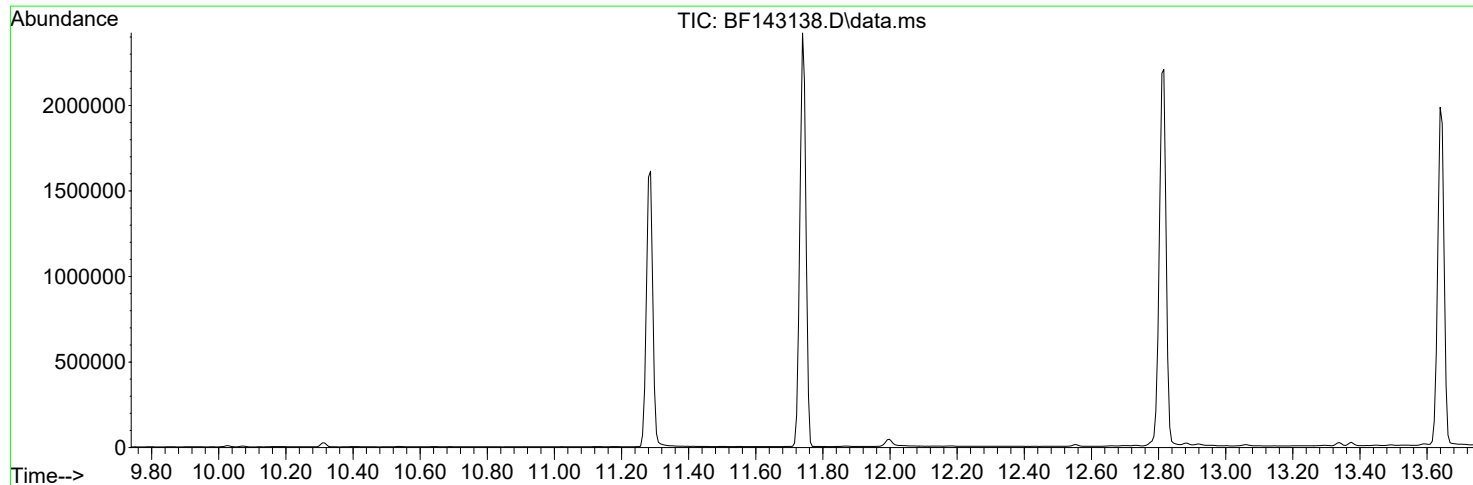
QC SAMPLE DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143138.D
Acq On : 17 Jul 2025 09:58
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Integration File: rteint.p

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



AutoFind: Scans 1622, 1623, 1624; Background Corrected with Scan 1616

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.9	1515	PASS
69	69	100	100	100.0	80680	PASS
70	69	0.00	2	0.5	430	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	215296	PASS
199	198	5	9	6.8	14617	PASS
365	198	1	100	3.8	8287	PASS
441	443	0.01	150	79.6	44723	PASS
442	442	100	100	100.0	288853	PASS
443	442	15	24	19.5	56203	PASS

DDT Breakdown

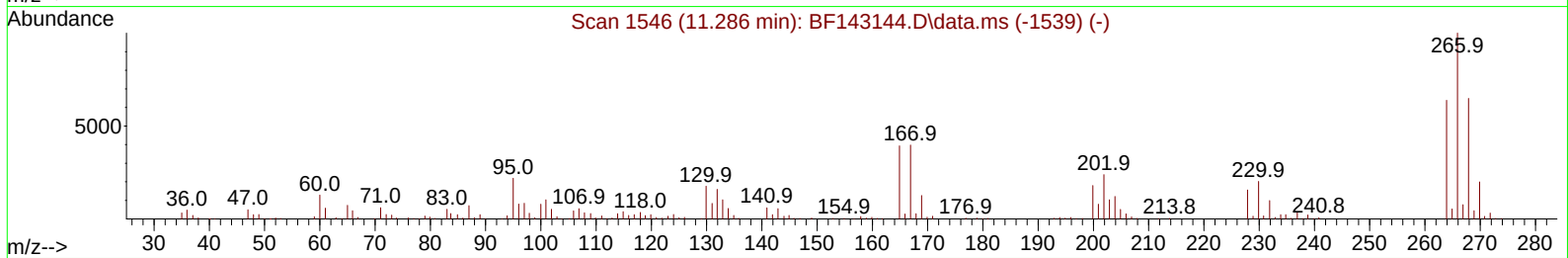
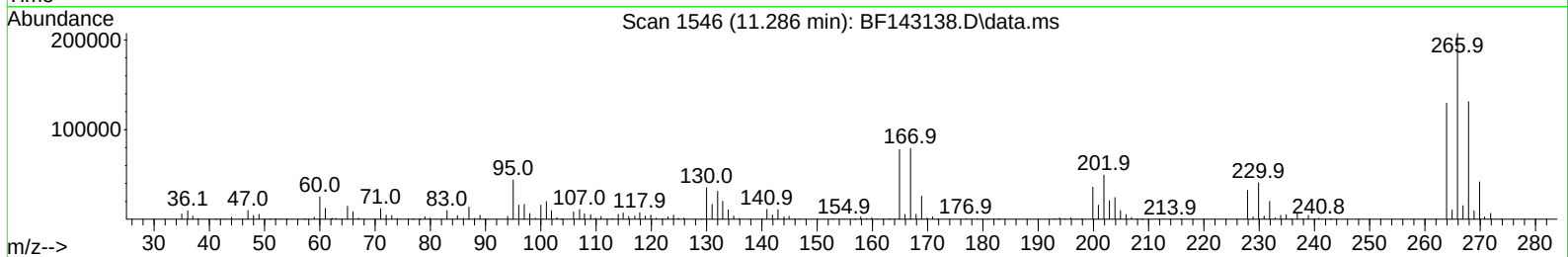
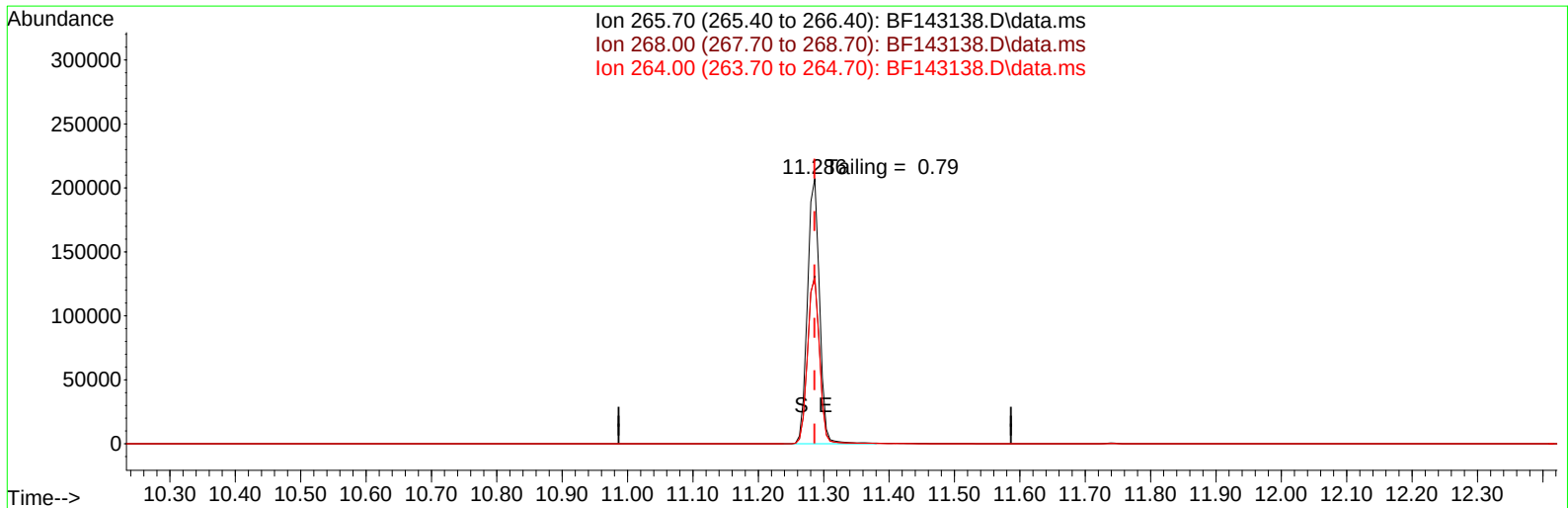
Date	Instrument Name	DFTPP Data File
7/17/2025	BNA_F	<u>BF143138.D</u>
Compound Name	Response	Retention Time
DDT	490244	13.639
DDD	9488	13.339
DDE	328	13.004
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
9816	500060	1.96

Instrument :
BNA_F
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143138.D
Acq On : 17 Jul 2025 09:58
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Jul 17 16:32:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration



TIC: BF143138.D\data.ms

(70) Pentachlorophenol (C)

11.286min (+ 0.000) 29509.64 ng

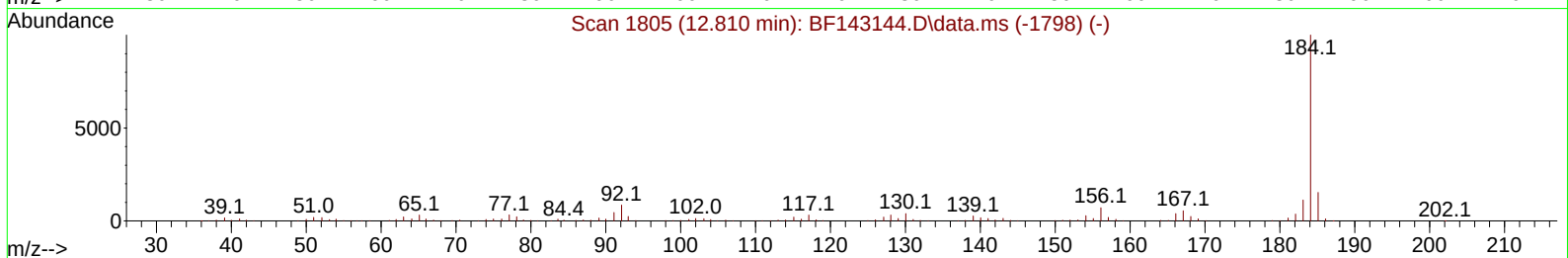
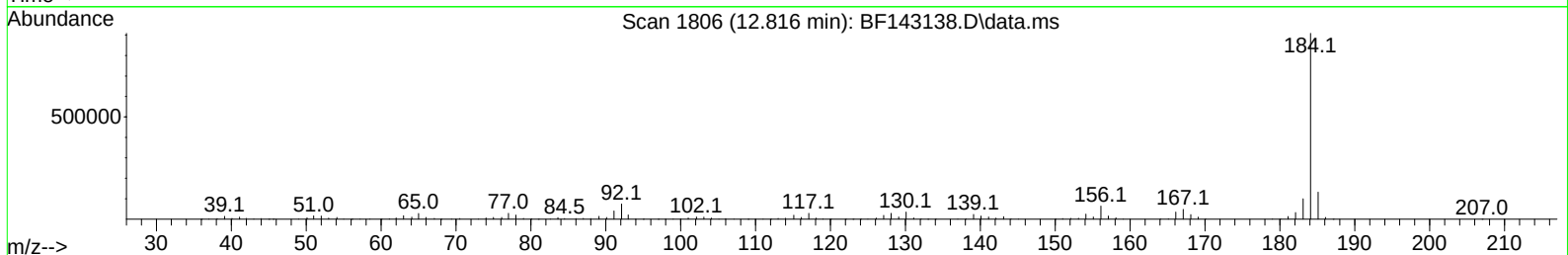
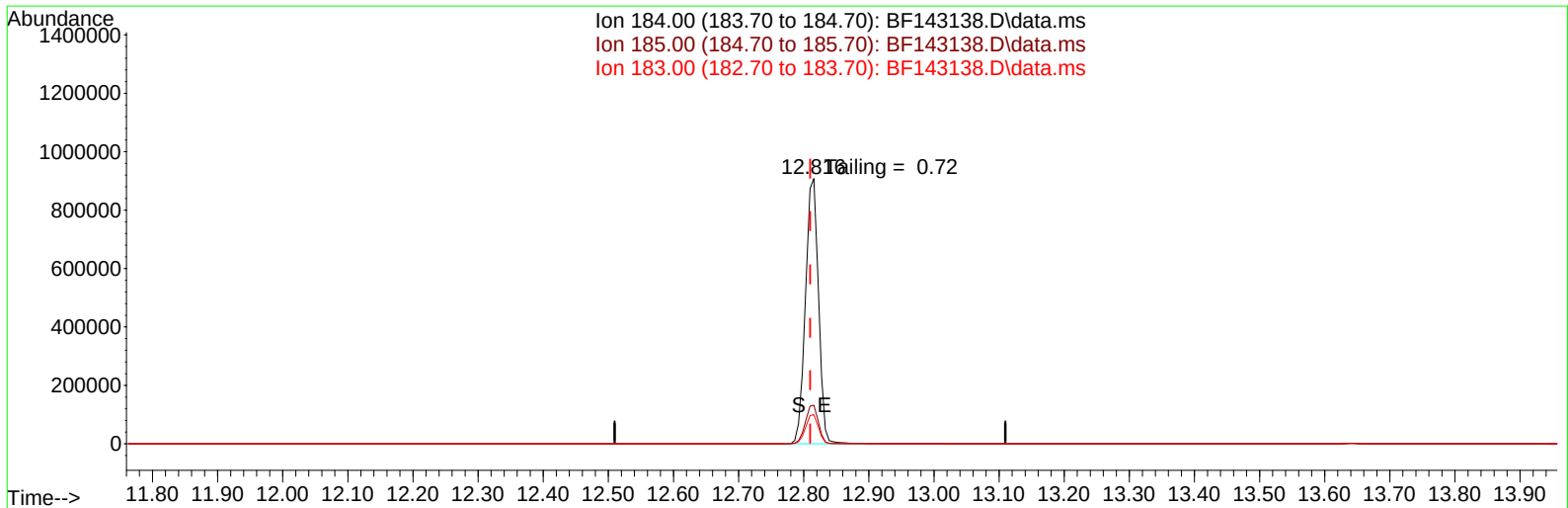
response 268044

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	64.90	63.24
264.00	63.80	62.50
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143138.D
Acq On : 17 Jul 2025 09:58
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Jul 17 16:32:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration



TIC: BF143138.D\data.ms

(77) Benzidine

12.816min (+ 0.006) 0.00 ng

response 1266864

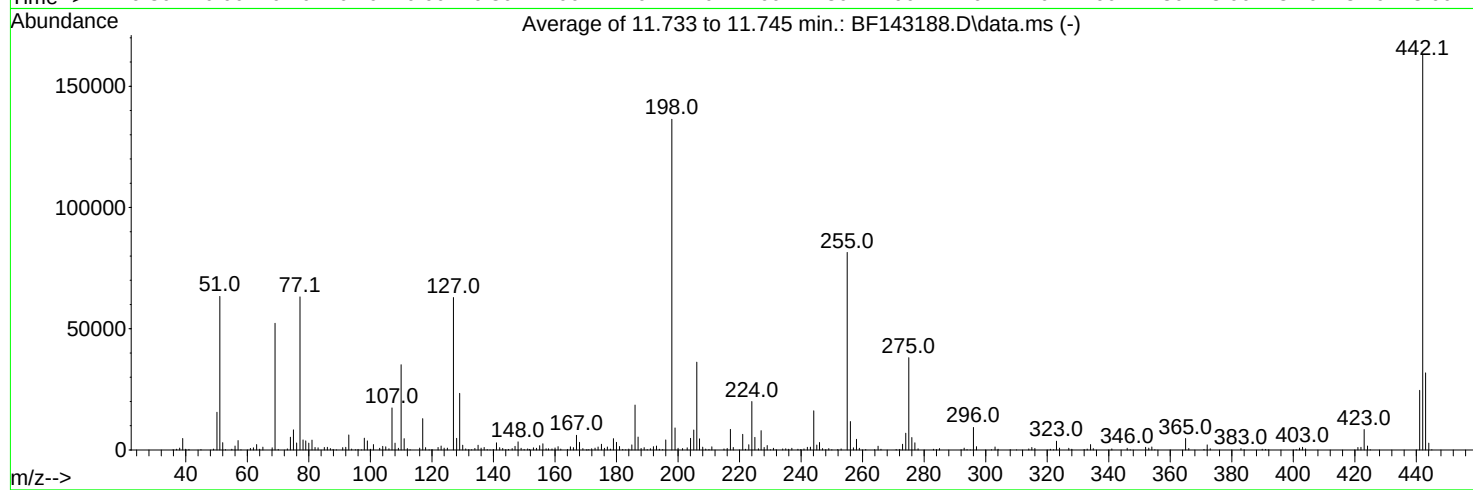
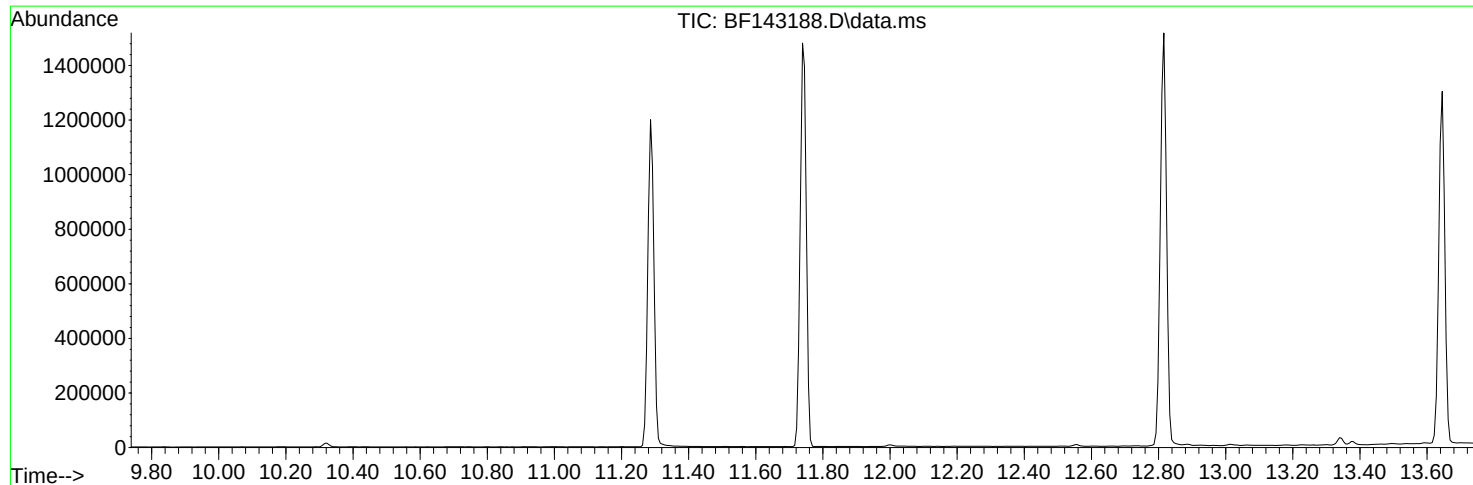
Ion	Exp%	Act%
184.00	100.00	100.00
185.00	15.30	14.57
183.00	11.20	10.98
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143188.D
Acq On : 22 Jul 2025 14:54
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\8270E-Tune.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Mar 23 16:55:25 2022



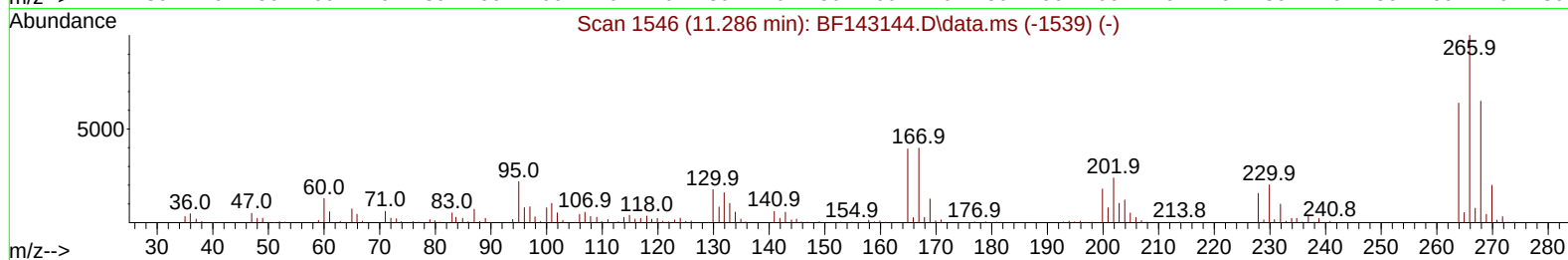
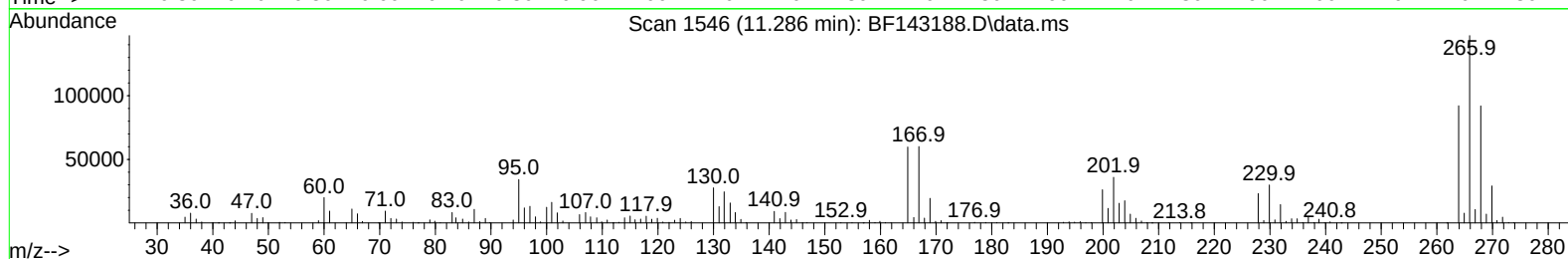
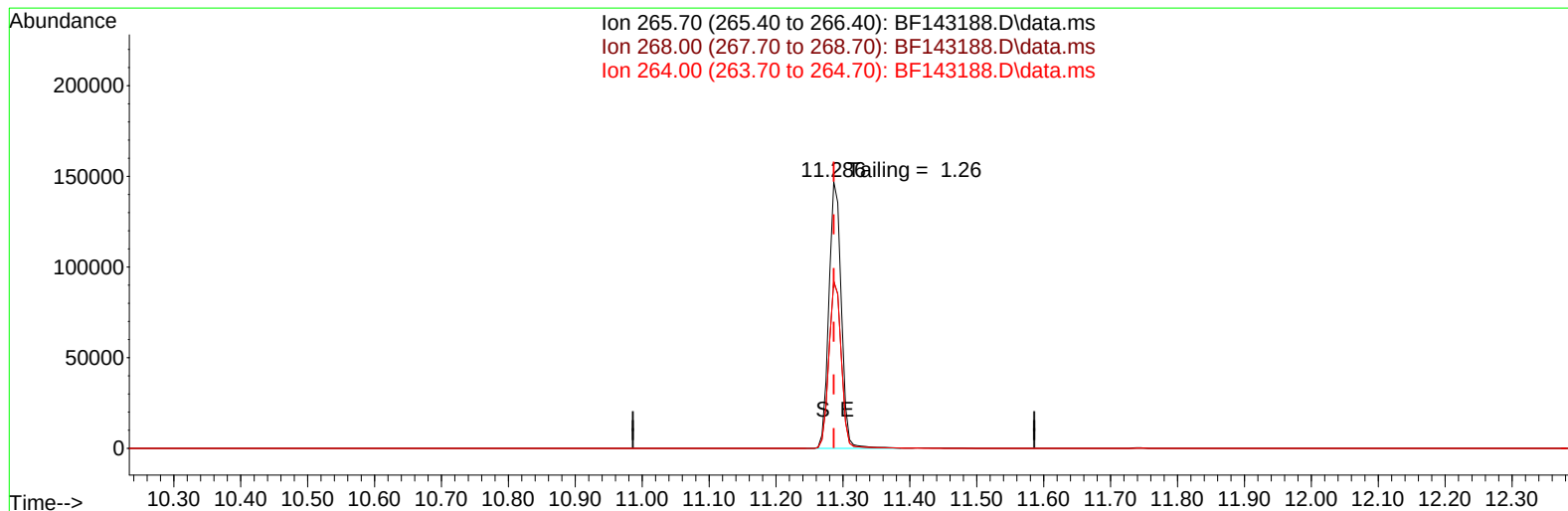
AutoFind: Scans 1622, 1623, 1624; Background Corrected with Scan 1616

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.8	941	PASS
69	69	100	100	100.0	52240	PASS
70	69	0.00	2	0.5	245	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	136379	PASS
199	198	5	9	6.7	9132	PASS
365	198	1	100	3.5	4754	PASS
441	443	0.01	150	77.4	24601	PASS
442	442	100	100	100.0	162824	PASS
443	442	15	24	19.5	31792	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143188.D
Acq On : 22 Jul 2025 14:54
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Jul 22 15:28:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration



TIC: BF143188.D\data.ms

(70) Pentachlorophenol (C)

11.286min (+ 0.000) 29592.15 ng

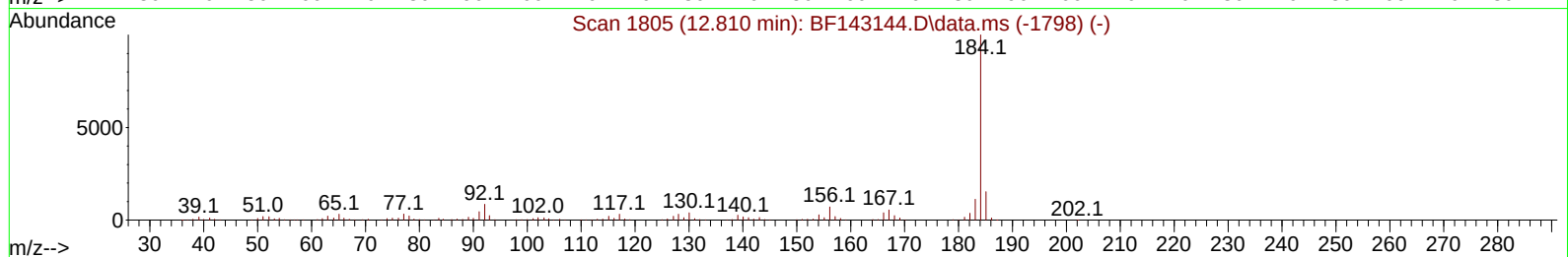
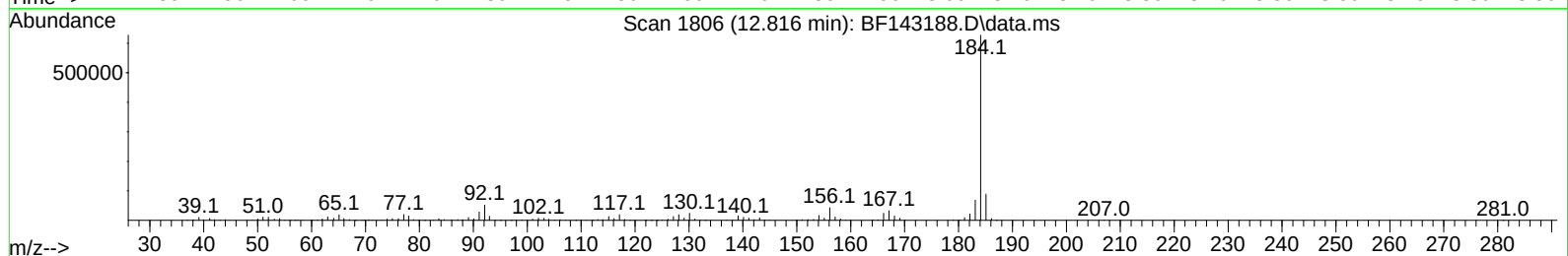
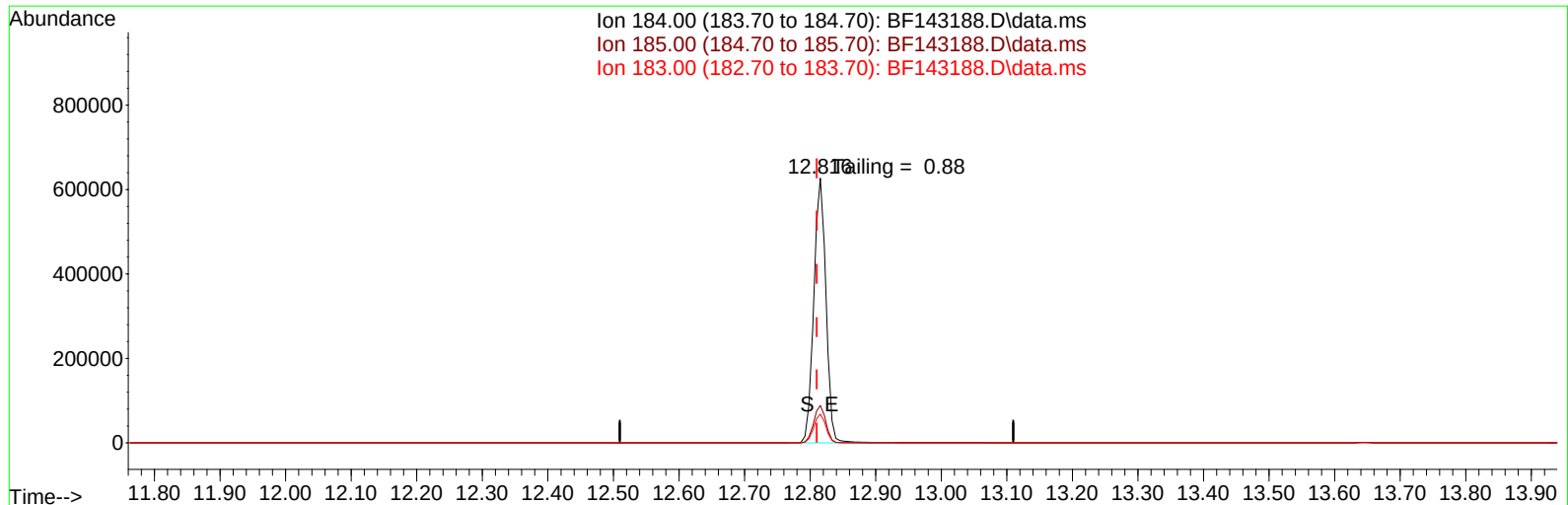
response 189456

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	64.90	62.53
264.00	63.80	62.63
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143188.D
Acq On : 22 Jul 2025 14:54
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Jul 22 15:28:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration



TIC: BF143188.D\data.ms

(77) Benzidine

12.816min (+ 0.006) 0.00 ng

response 811788

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	15.30	14.15
183.00	11.20	10.89
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
7/22/2025	BNA_F	<u>BF143188.D</u>
Compound Name	Response	Retention Time
DDT	317873	13.645
DDD	10239	13.339
DDE	1665	13.01
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
11904	329777	3.61

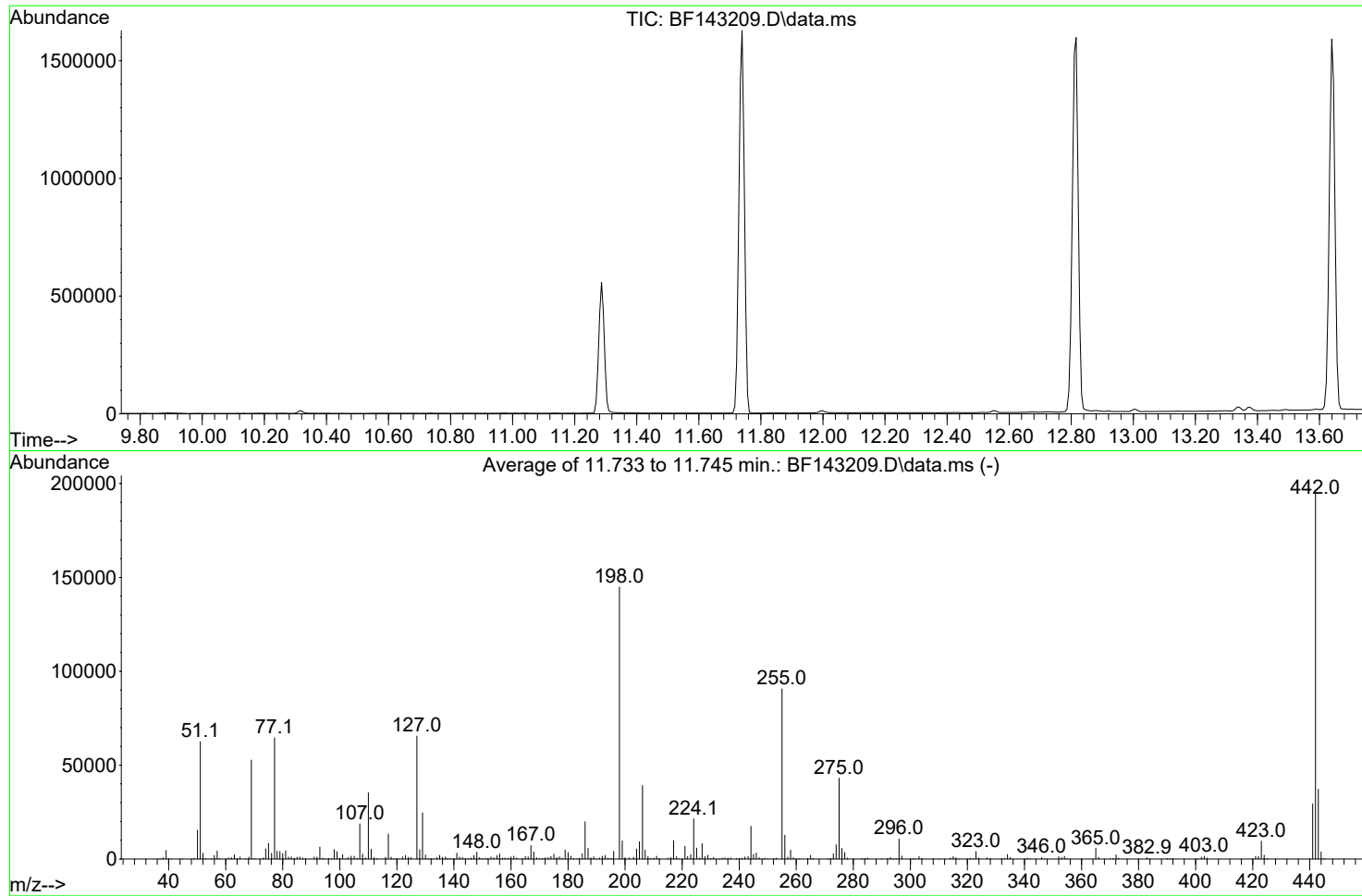
Instrument :
BNA_F
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143209.D
Acq On : 23 Jul 2025 13:34
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Integration File: rteint.p

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



AutoFind: Scans 1622, 1623, 1624; Background Corrected with Scan 1615

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
68	69	0.00	2	1.9	1017	PASS
69	69	100	100	100.0	52688	PASS
70	69	0.00	2	0.6	323	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	144864	PASS
199	198	5	9	6.7	9687	PASS
365	198	1	100	3.9	5697	PASS
441	443	0.01	150	78.8	29299	PASS
442	442	100	100	100.0	194453	PASS
443	442	15	24	19.1	37184	PASS

DDT Breakdown

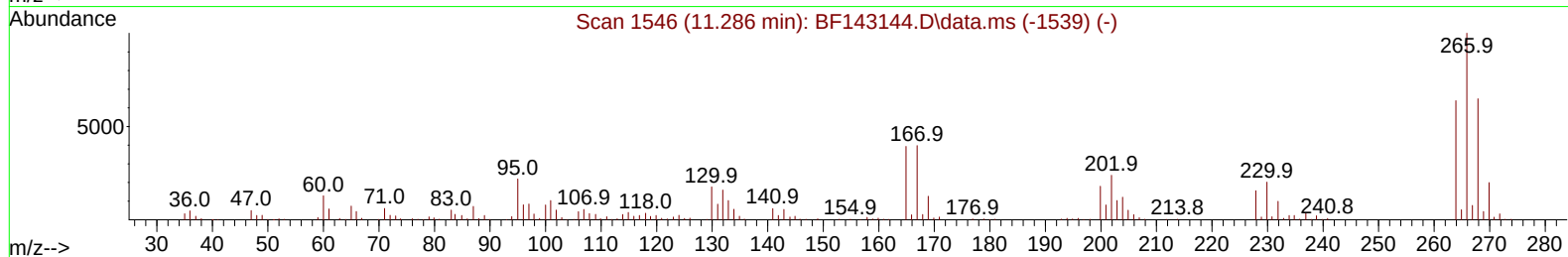
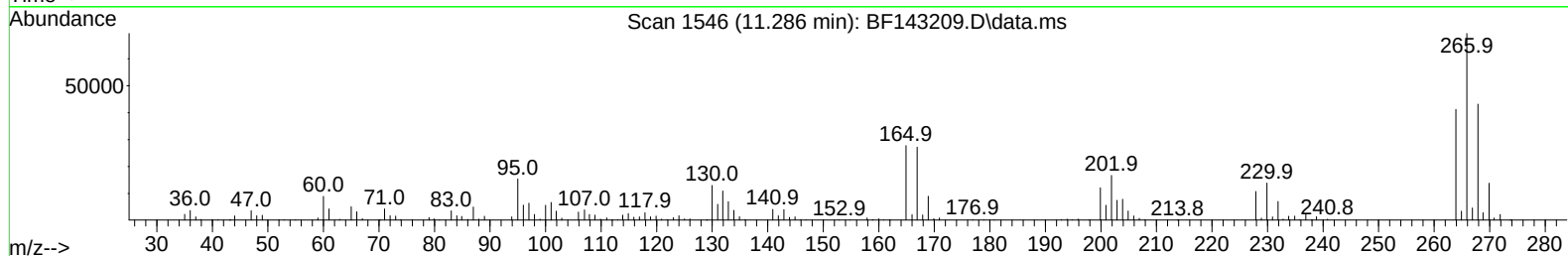
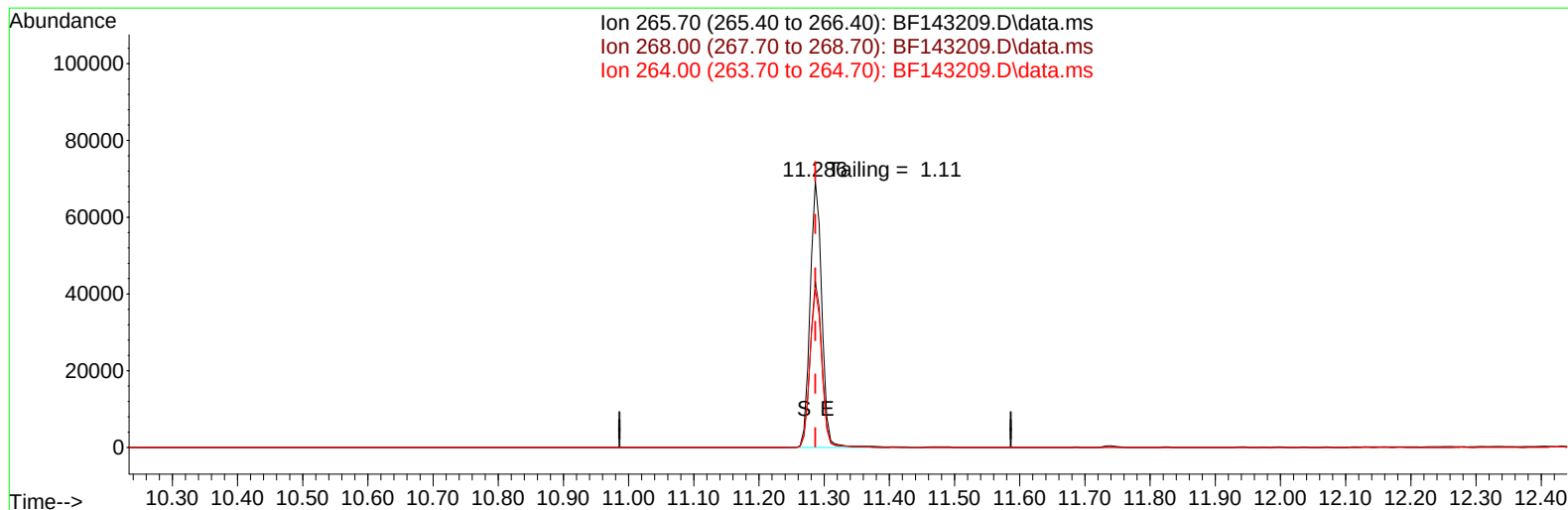
Date	Instrument Name	DFTPP Data File
7/23/2025	BNA_F	<u>BF143209.D</u>
Compound Name	Response	Retention Time
DDT	391883	13.639
DDD	8780	13.339
DDE	2192	13.004
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
10972	402855	2.72

Instrument :
BNA_F
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143209.D
Acq On : 23 Jul 2025 13:34
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Jul 23 15:17:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration



TIC: BF143209.D\data.ms

(70) Pentachlorophenol (C)

11.286min (+ 0.000) 14501.34 ng

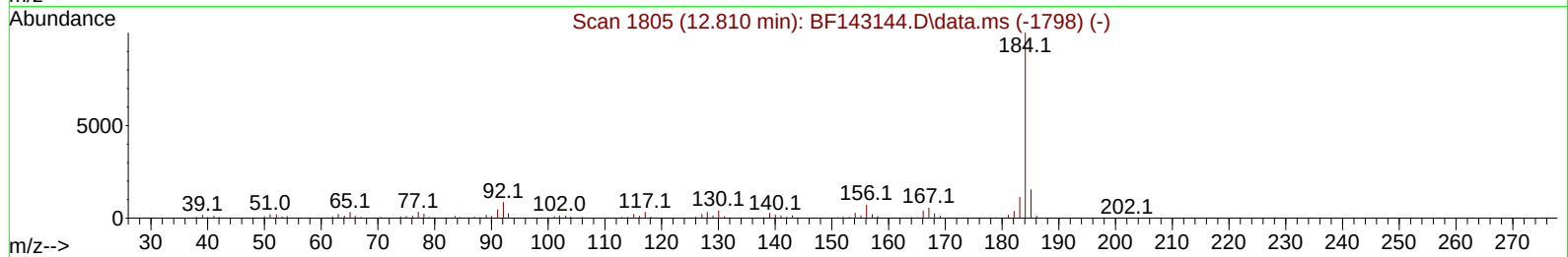
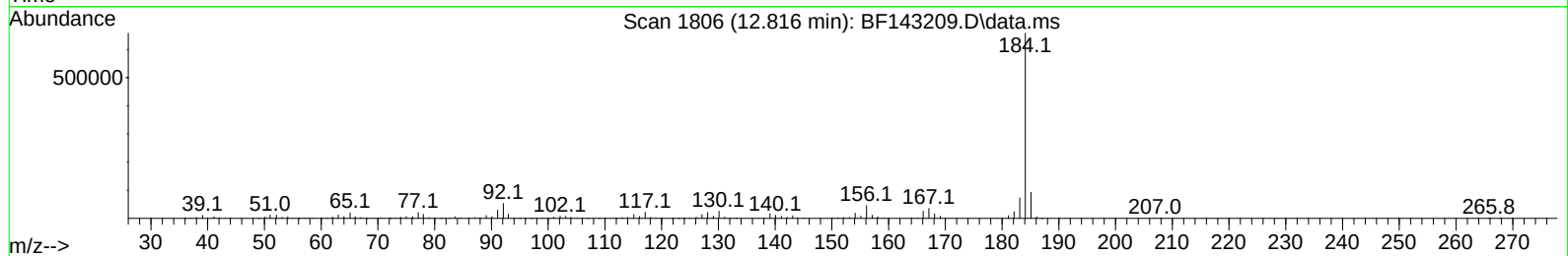
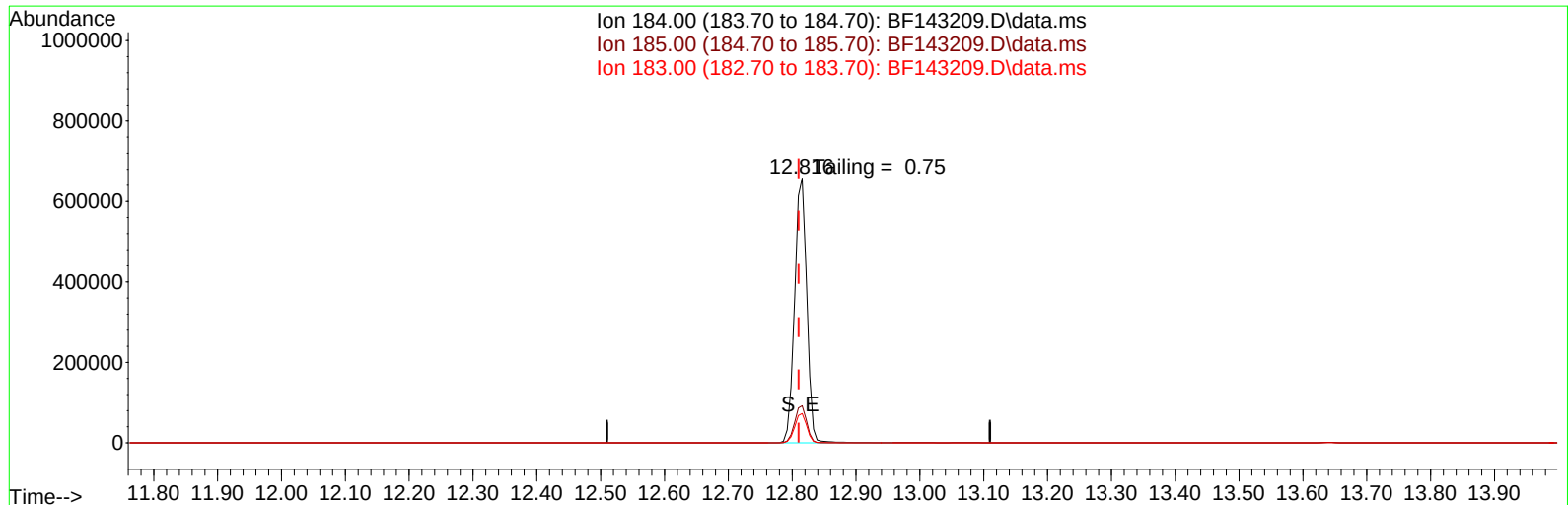
response 87636

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	64.90	62.26
264.00	63.80	59.46
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143209.D
Acq On : 23 Jul 2025 13:34
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Jul 23 15:17:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration



TIC: BF143209.D\data.ms

(77) Benzidine

12.816min (+ 0.006) 0.00 ng

response 876486

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	15.30	14.03
183.00	11.20	11.13
0.00	0.00	0.00

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	
Project:	North Arlington, NJ	Date Received:	
Client Sample ID:	PB168954BL	SDG No.:	Q2646
Lab Sample ID:	PB168954BL	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143190.D	1	07/22/25 09:10	07/22/25 15:52	PB168954

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	1.30	U	1.30	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.53	U	0.53	5.00	ug/L
95-48-7	2-Methylphenol	1.10	U	1.10	5.00	ug/L
65794-96-9	3+4-Methylphenols	1.10	U	1.10	10.0	ug/L
67-72-1	Hexachloroethane	0.65	U	0.65	5.00	ug/L
98-95-3	Nitrobenzene	0.76	U	0.76	5.00	ug/L
87-68-3	Hexachlorobutadiene	0.54	U	0.54	5.00	ug/L
88-06-2	2,4,6-Trichlorophenol	0.51	U	0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	0.62	U	0.62	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	1.20	U	1.20	5.00	ug/L
118-74-1	Hexachlorobenzene	0.52	U	0.52	5.00	ug/L
87-86-5	Pentachlorophenol	1.60	U	1.60	10.0	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	114		15 (23) - 110 (138)	76%	SPK: 150
13127-88-3	Phenol-d6	116		15 (10) - 110 (134)	77%	SPK: 150
4165-60-0	Nitrobenzene-d5	77.6		30 (67) - 130 (132)	78%	SPK: 100
321-60-8	2-Fluorobiphenyl	73.3		30 (52) - 130 (132)	73%	SPK: 100
118-79-6	2,4,6-Tribromophenol	128		15 (44) - 110 (137)	85%	SPK: 150
1718-51-0	Terphenyl-d14	77.4		30 (42) - 130 (152)	77%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	132000	6.963			
1146-65-2	Naphthalene-d8	517000	8.24			
15067-26-2	Acenaphthene-d10	279000	9.998			
1517-22-2	Phenanthrene-d10	487000	11.486			
1719-03-5	Chrysene-d12	272000	14.121			
1520-96-3	Perylene-d12	282000	15.627			

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	
Project:	North Arlington, NJ	Date Received:	
Client Sample ID:	PB168954BL	SDG No.:	Q2646
Lab Sample ID:	PB168954BL	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143190.D	1	07/22/25 09:10	07/22/25 15:52	PB168954

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143190.D
Acq On : 22 Jul 2025 15:52
Operator : RC/JU
Sample : PB168954BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168954BL

Quant Time: Jul 22 16:39:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	132474	20.000	ng	0.00
21) Naphthalene-d8	8.240	136	517206	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	278568	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	486814	20.000	ng	0.00
76) Chrysene-d12	14.121	240	272386	20.000	ng	0.00
86) Perylene-d12	15.627	264	282193	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	954778	114.053	ng	0.02
7) Phenol-d6	6.587	99	1218388	115.630	ng	0.00
23) Nitrobenzene-d5	7.516	82	805087	77.592	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	368725	128.129	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1492676	73.283	ng	0.00
79) Terphenyl-d14	13.069	244	1417024	77.415	ng	0.00

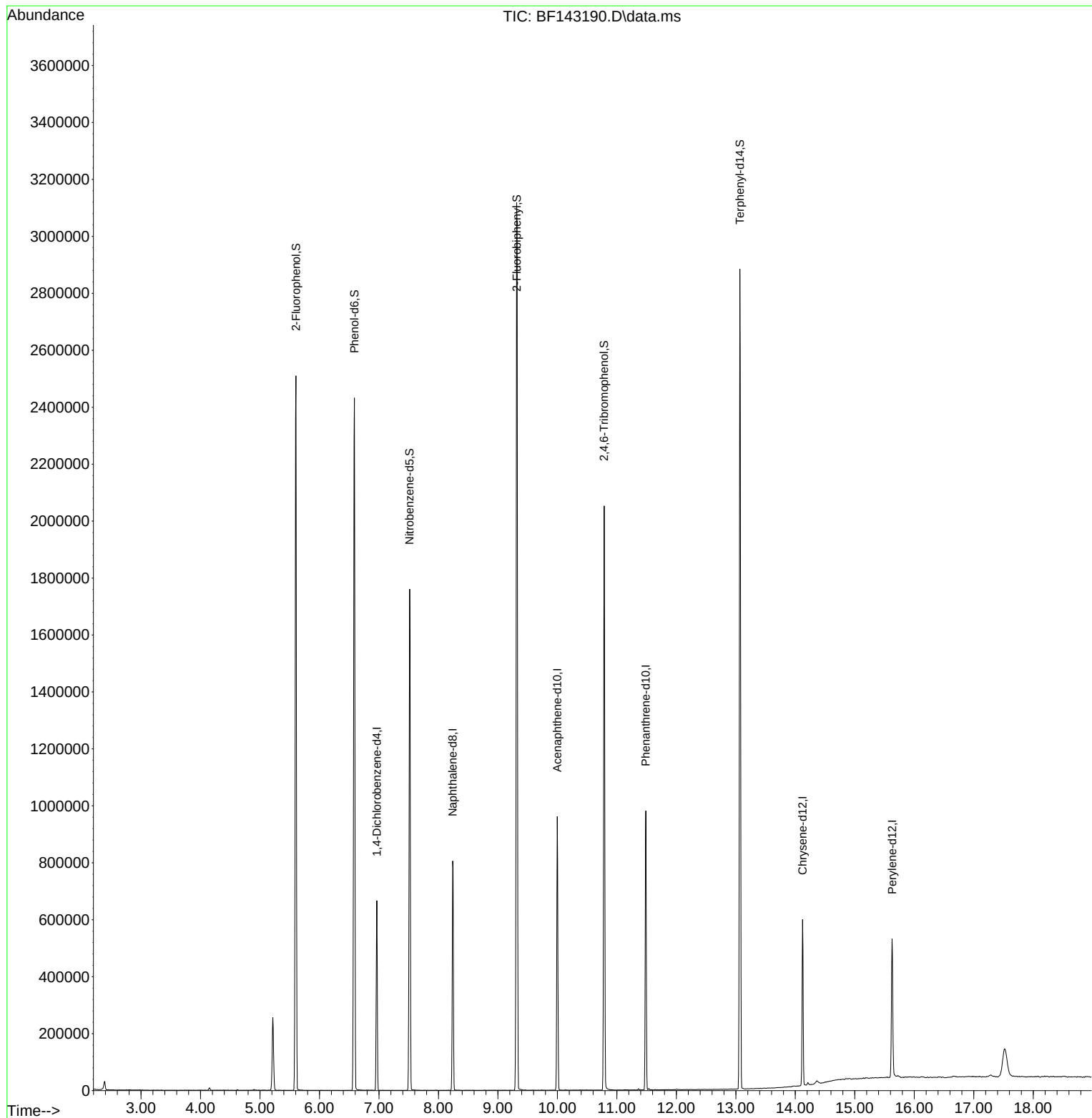
Target Compounds	Qvalue

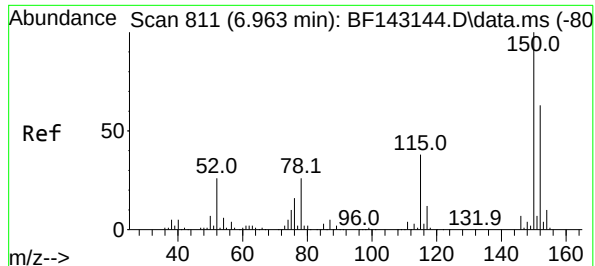
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143190.D
Acq On : 22 Jul 2025 15:52
Operator : RC/JU
Sample : PB168954BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168954BL

Quant Time: Jul 22 16:39:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

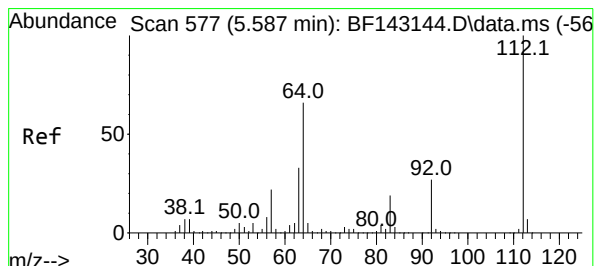
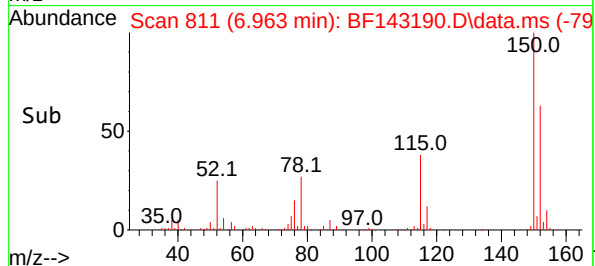
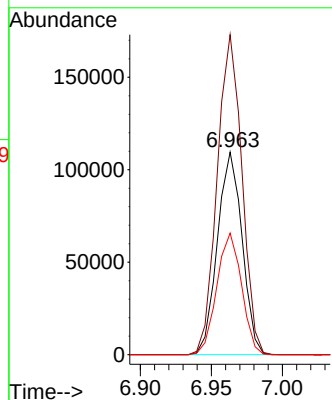
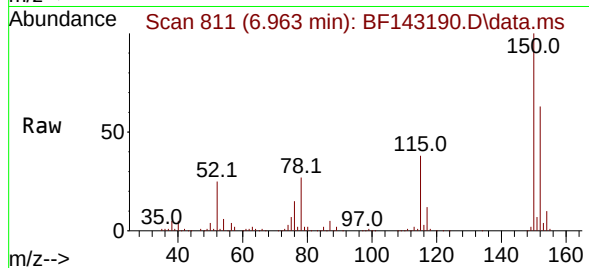




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF143190.D
Acq: 22 Jul 2025 15:52

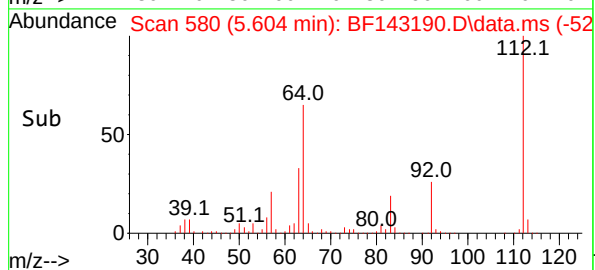
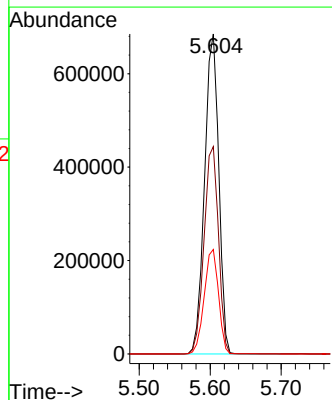
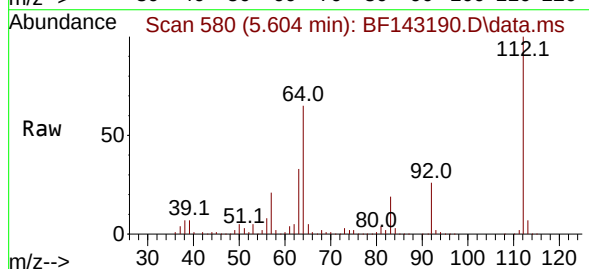
Instrument :
BNA_F
ClientSampleId :
PB168954BL

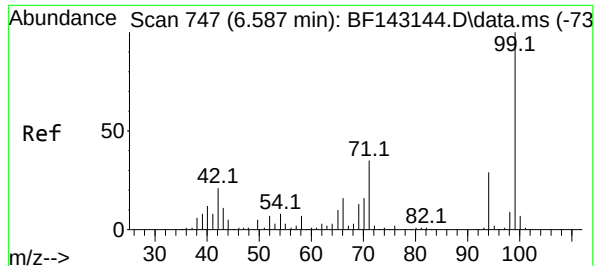
Tgt Ion:152 Resp: 132474
Ion Ratio Lower Upper
152 100
150 158.0 128.2 192.4
115 60.0 47.9 71.9



#5
2-Fluorophenol
Concen: 114.053 ng
RT: 5.604 min Scan# 580
Delta R.T. 0.018 min
Lab File: BF143190.D
Acq: 22 Jul 2025 15:52

Tgt Ion:112 Resp: 954778
Ion Ratio Lower Upper
112 100
64 64.8 53.1 79.7
63 32.7 26.6 40.0

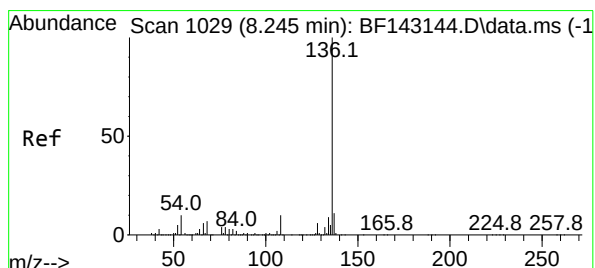
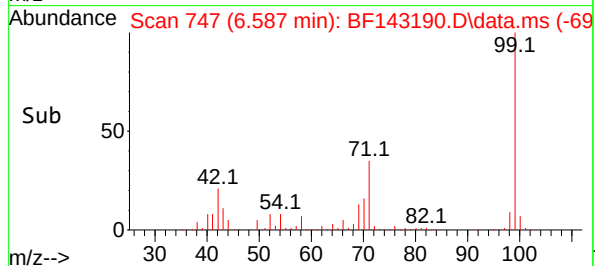
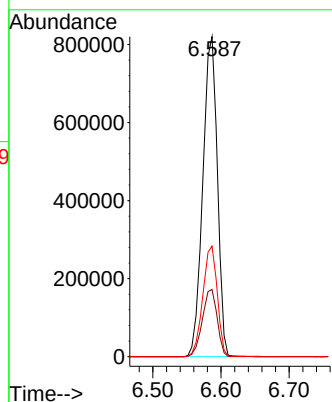
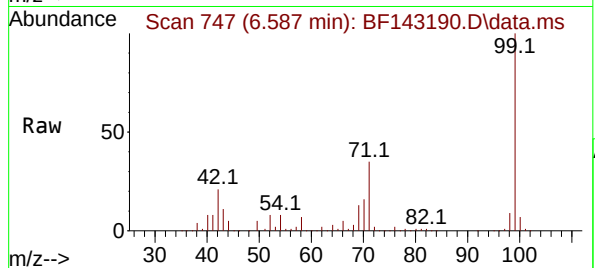




#7
Phenol-d6
Concen: 115.630 ng
RT: 6.587 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF143190.D
Acq: 22 Jul 2025 15:52

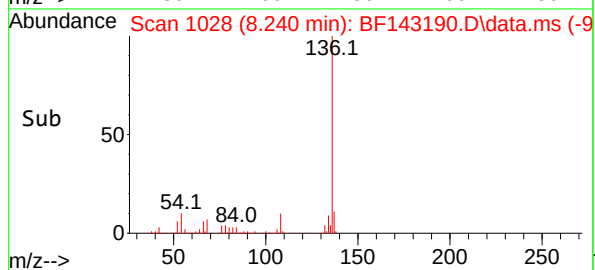
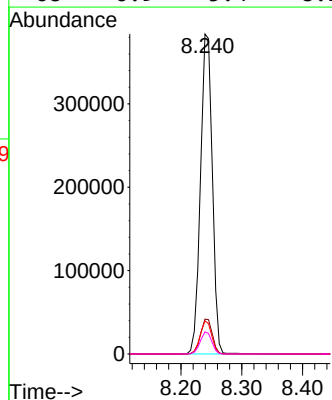
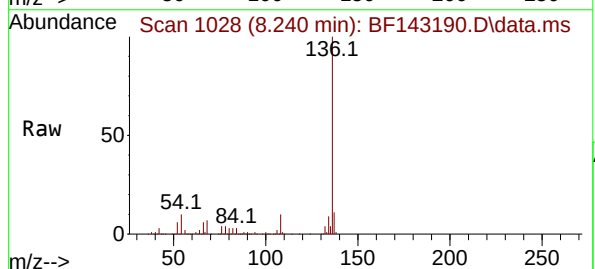
Instrument :
BNA_F
ClientSampleId :
PB168954BL

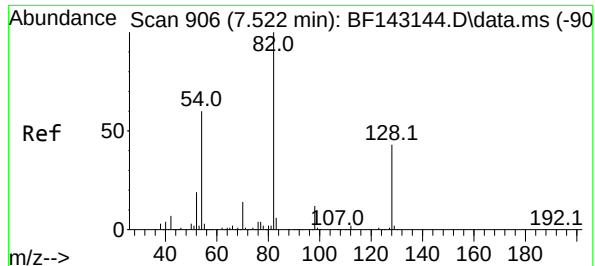
Tgt Ion: 99 Resp: 1218388
Ion Ratio Lower Upper
99 100
42 21.0 17.0 25.6
71 34.6 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.240 min Scan# 1028
Delta R.T. -0.005 min
Lab File: BF143190.D
Acq: 22 Jul 2025 15:52

Tgt Ion:136 Resp: 517206
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 10.3 8.2 12.2
68 6.9 5.4 8.2





#23

Nitrobenzene-d5

Concen: 77.592 ng

RT: 7.516 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF143190.D

Acq: 22 Jul 2025 15:52

Instrument :

BNA_F

ClientSampleId :

PB168954BL

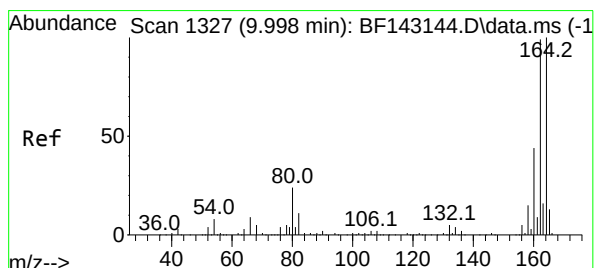
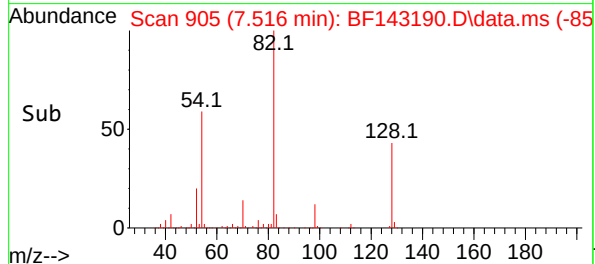
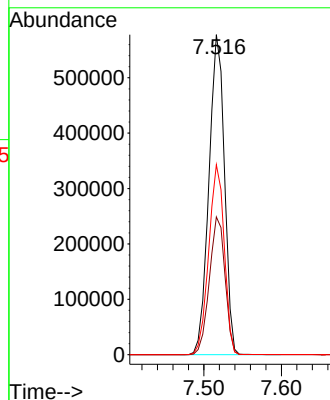
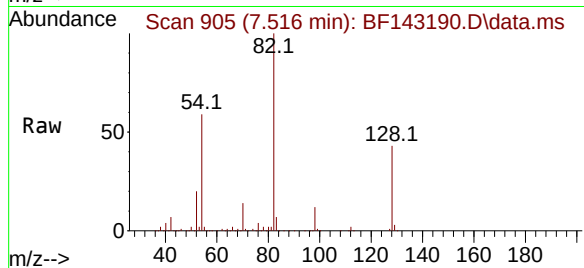
Tgt Ion: 82 Resp: 805087

Ion Ratio Lower Upper

82 100

128 43.1 33.6 50.4

54 59.4 47.1 70.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.998 min Scan# 1327

Delta R.T. 0.000 min

Lab File: BF143190.D

Acq: 22 Jul 2025 15:52

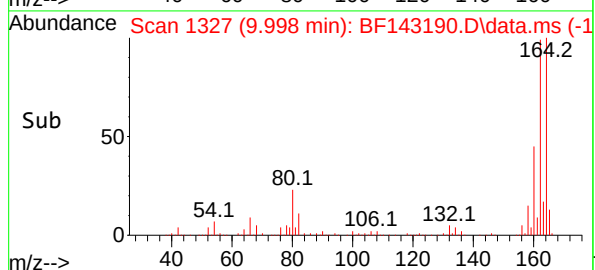
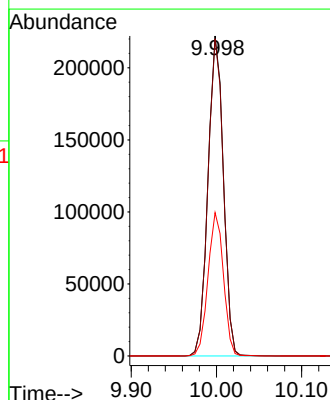
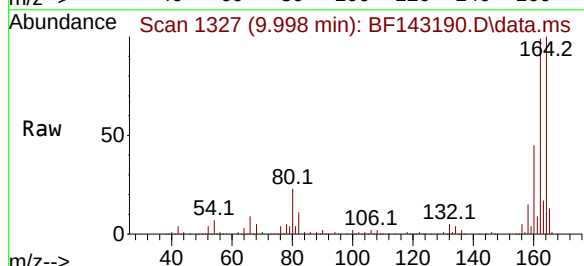
Tgt Ion: 164 Resp: 278568

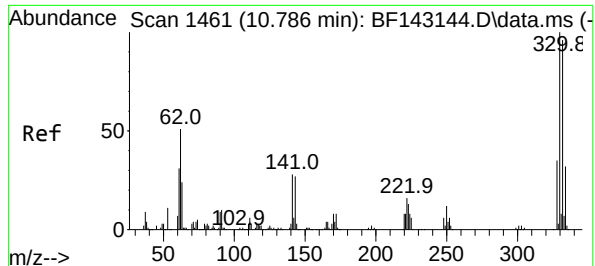
Ion Ratio Lower Upper

164 100

162 99.1 79.0 118.6

160 44.8 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 128.129 ng

RT: 10.786 min Scan# 1461

Delta R.T. 0.000 min

Lab File: BF143190.D

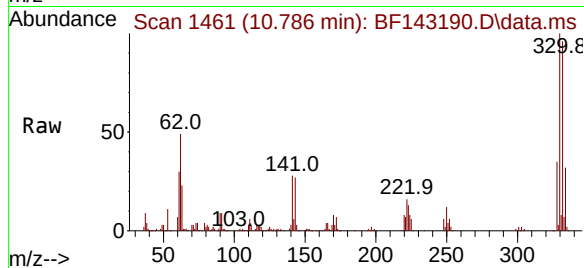
Acq: 22 Jul 2025 15:52

Instrument :

BNA_F

ClientSampleId :

PB168954BL



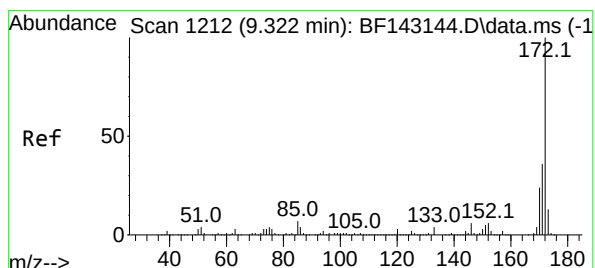
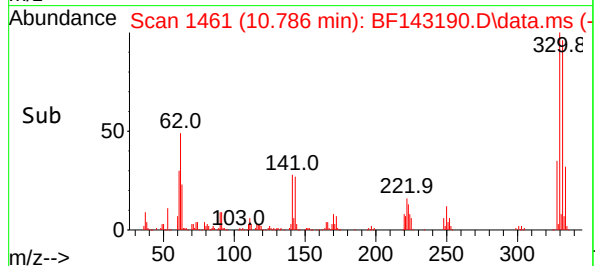
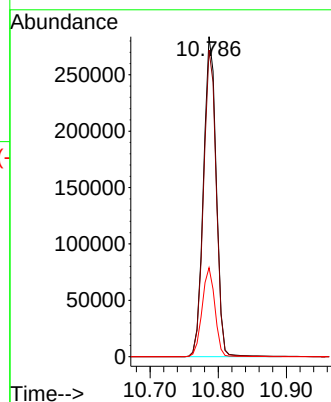
Tgt Ion:330 Resp: 368725

Ion Ratio Lower Upper

330 100

332 95.8 76.7 115.1

141 27.9 23.3 34.9



#45

2-Fluorobiphenyl

Concen: 73.283 ng

RT: 9.316 min Scan# 1211

Delta R.T. -0.006 min

Lab File: BF143190.D

Acq: 22 Jul 2025 15:52

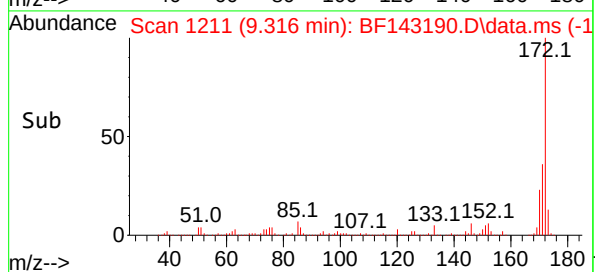
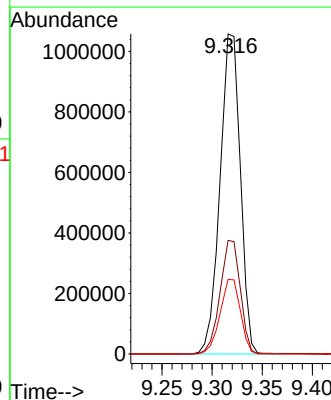
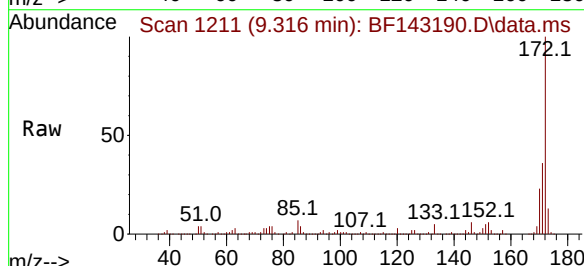
Tgt Ion:172 Resp: 1492676

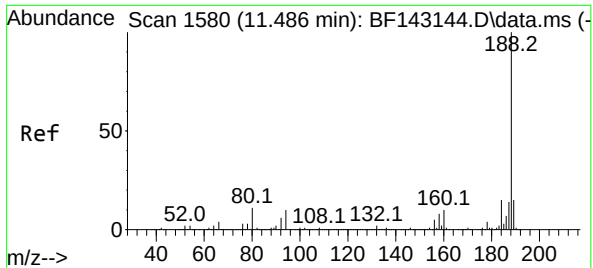
Ion Ratio Lower Upper

172 100

171 35.5 28.6 42.8

170 23.3 18.8 28.2

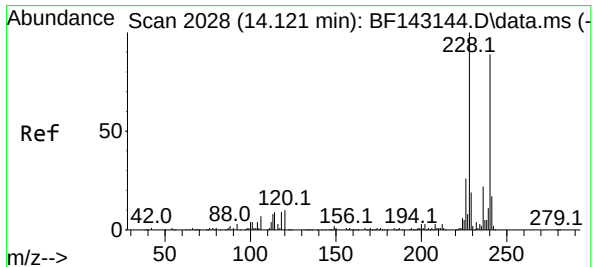
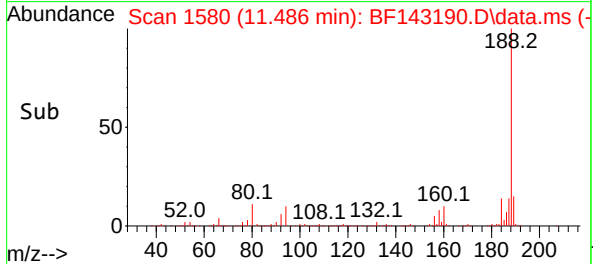
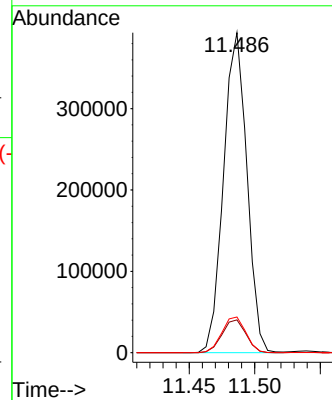
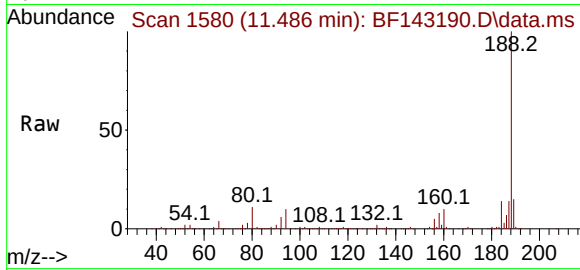




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143190.D
Acq: 22 Jul 2025 15:52

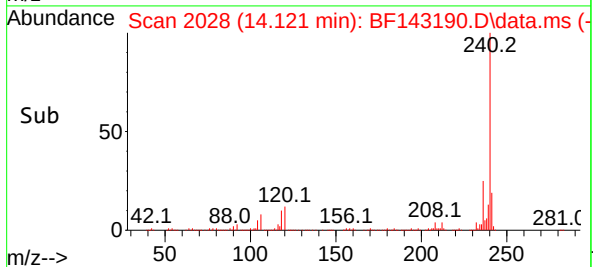
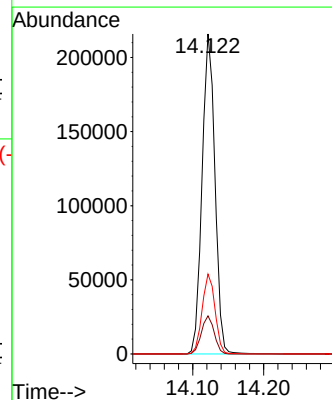
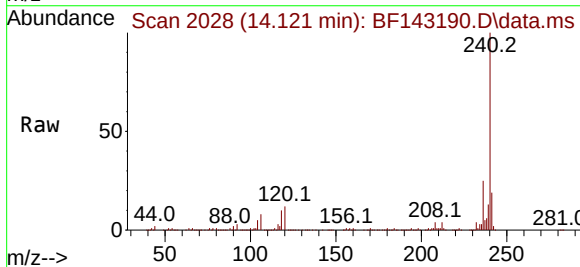
Instrument :
BNA_F
ClientSampleId :
PB168954BL

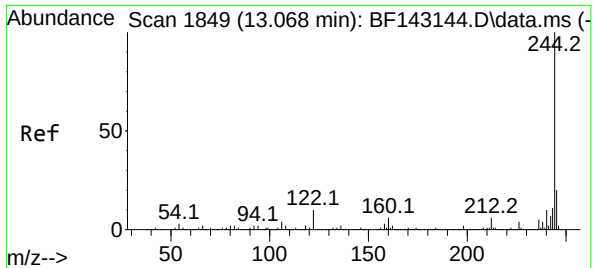
Tgt Ion:188 Resp: 486814
Ion Ratio Lower Upper
188 100
94 10.3 8.3 12.5
80 11.2 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF143190.D
Acq: 22 Jul 2025 15:52

Tgt Ion:240 Resp: 272386
Ion Ratio Lower Upper
240 100
120 11.9 9.4 14.2
236 25.0 20.2 30.4





#79

Terphenyl-d14

Concen: 77.415 ng

RT: 13.069 min Scan# 1849

Delta R.T. 0.000 min

Lab File: BF143190.D

Acq: 22 Jul 2025 15:52

Instrument :

BNA_F

ClientSampleId :

PB168954BL

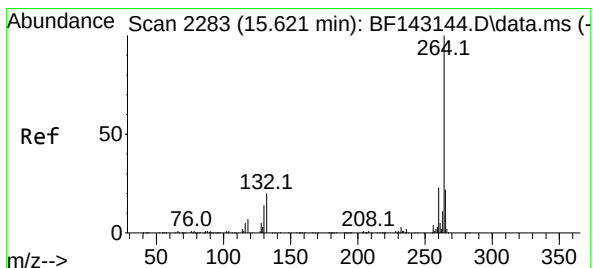
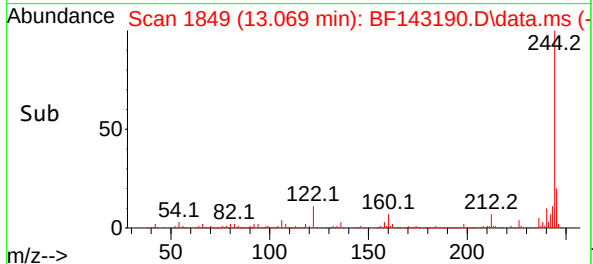
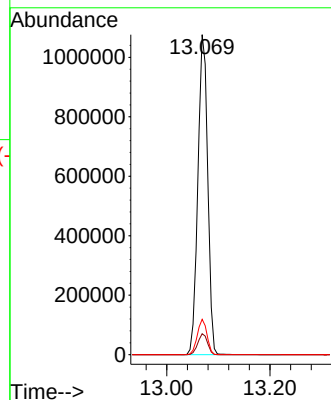
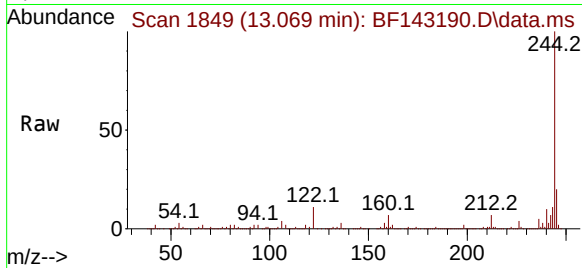
Tgt Ion:244 Resp: 1417024

Ion Ratio Lower Upper

244 100

212 6.5 5.2 7.8

122 11.1 8.2 12.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.627 min Scan# 2284

Delta R.T. 0.006 min

Lab File: BF143190.D

Acq: 22 Jul 2025 15:52

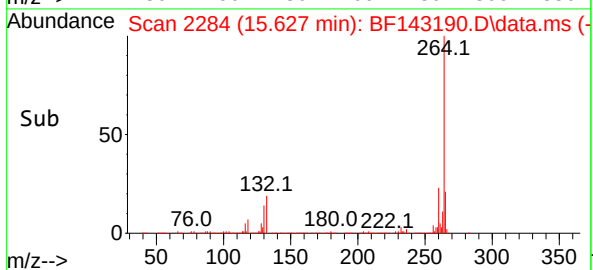
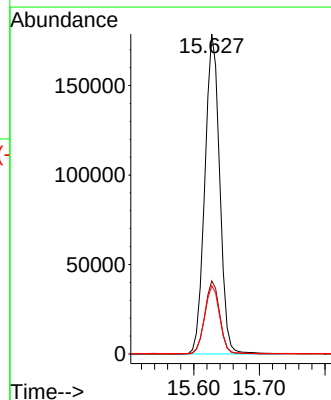
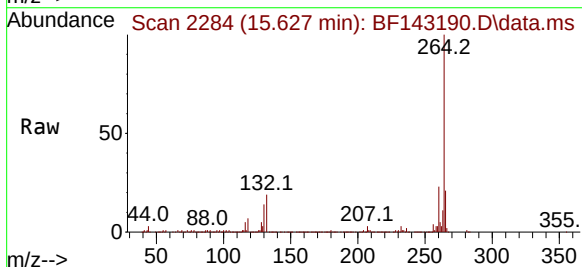
Tgt Ion:264 Resp: 282193

Ion Ratio Lower Upper

264 100

260 22.9 18.5 27.7

265 21.3 17.4 26.2



Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	
Project:	North Arlington, NJ	Date Received:	
Client Sample ID:	PB168954BS	SDG No.:	Q2646
Lab Sample ID:	PB168954BS	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143213.D	1	07/22/25 09:10	07/23/25 16:00	PB168954

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	37.0		1.30	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	42.5		0.53	5.00	ug/L
95-48-7	2-Methylphenol	43.9		1.10	5.00	ug/L
65794-96-9	3+4-Methylphenols	42.7		1.10	10.0	ug/L
67-72-1	Hexachloroethane	44.3		0.65	5.00	ug/L
98-95-3	Nitrobenzene	44.2		0.76	5.00	ug/L
87-68-3	Hexachlorobutadiene	44.2		0.54	5.00	ug/L
88-06-2	2,4,6-Trichlorophenol	44.7		0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	44.7		0.62	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	53.0		1.20	5.00	ug/L
118-74-1	Hexachlorobenzene	43.9		0.52	5.00	ug/L
87-86-5	Pentachlorophenol	61.8		1.60	10.0	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	114		15 (23) - 110 (138)	76%	SPK: 150
13127-88-3	Phenol-d6	113		15 (10) - 110 (134)	76%	SPK: 150
4165-60-0	Nitrobenzene-d5	82.0		30 (67) - 130 (132)	82%	SPK: 100
321-60-8	2-Fluorobiphenyl	76.1		30 (52) - 130 (132)	76%	SPK: 100
118-79-6	2,4,6-Tribromophenol	126		15 (44) - 110 (137)	84%	SPK: 150
1718-51-0	Terphenyl-d14	82.6		30 (42) - 130 (152)	83%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	128000	6.963			
1146-65-2	Naphthalene-d8	503000	8.245			
15067-26-2	Acenaphthene-d10	265000	10.004			
1517-22-2	Phenanthrene-d10	450000	11.486			
1719-03-5	Chrysene-d12	254000	14.127			
1520-96-3	Perylene-d12	262000	15.627			

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	
Project:	North Arlington, NJ	Date Received:	
Client Sample ID:	PB168954BS	SDG No.:	Q2646
Lab Sample ID:	PB168954BS	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143213.D	1	07/22/25 09:10	07/23/25 16:00	PB168954

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
 Data File : BF143213.D
 Acq On : 23 Jul 2025 16:00
 Operator : RC/JU
 Sample : PB168954BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB168954BS

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/24/2025

Supervised By :Jagrut Upadhyay 07/24/2025

07/24/2025

Supervised By :Jagrut
Upadhyay

07/24/2025

Quant Time: Jul 23 16:22:58 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	127773	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	503486	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	265187	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	449718	20.000	ng	0.00
76) Chrysene-d12	14.127	240	253510	20.000	ng	0.00
86) Perylene-d12	15.627	264	261797	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.610	112	916900	113.558	ng	0.02
7) Phenol-d6	6.598	99	1153015	113.452	ng	0.01
23) Nitrobenzene-d5	7.522	82	828442	82.019	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	344125	125.615	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1475069	76.072	ng	0.00
79) Terphenyl-d14	13.069	244	1407338	82.611	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.910	88	132471	34.673	ng	100
3) Pyridine	3.657	79	366838	36.993	ng	99
4) n-Nitrosodimethylamine	3.604	42	215046	42.002	ng	98
6) Aniline	6.628	93	453418	32.012	ng	98
8) 2-Chlorophenol	6.751	128	371590	43.905	ng	98
9) Benzaldehyde	6.510	77	245056	32.156	ng	98
10) Phenol	6.610	94	469882	42.440	ng	87
11) bis(2-Chloroethyl)ether	6.693	93	357840	42.212	ng	100
12) 1,3-Dichlorobenzene	6.910	146	386199	42.005	ng	99
13) 1,4-Dichlorobenzene	6.981	146	393397	42.488	ng	99
14) 1,2-Dichlorobenzene	7.134	146	380909	43.254	ng	100
15) Benzyl Alcohol	7.098	79	349759	45.072	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.234	45	660695	42.015	ng	97
17) 2-Methylphenol	7.216	107	312356	43.893	ng	98
18) Hexachloroethane	7.481	117	142004	44.303	ng	99
19) n-Nitroso-di-n-propyla...	7.375	70	275552	42.261	ng	100
20) 3+4-Methylphenols	7.363	107	368857	42.722	ng	# 80
22) Acetophenone	7.369	105	498995	41.862	ng	96
24) Nitrobenzene	7.540	77	416358	44.214	ng	98
25) Isophorone	7.781	82	767871	43.064	ng	99
26) 2-Nitrophenol	7.857	139	202876	49.640	ng	100
27) 2,4-Dimethylphenol	7.892	122	353154	42.392	ng	98
28) bis(2-Chloroethoxy)met...	7.987	93	454347	42.499	ng	99
29) 2,4-Dichlorophenol	8.098	162	308890	43.967	ng	99
30) 1,2,4-Trichlorobenzene	8.187	180	329323	43.389	ng	100
31) Naphthalene	8.269	128	1076778	43.425	ng	99
32) Benzoic acid	8.010	122	237583	50.344	ng	98
33) 4-Chloroaniline	8.304	127	151427	14.956	ng	99
34) Hexachlorobutadiene	8.387	225	204807	44.172	ng	99
35) Caprolactam	8.675	113	104609m	49.274	ng	
36) 4-Chloro-3-methylphenol	8.792	107	348866	45.686	ng	99
37) 2-Methylnaphthalene	8.957	142	658532	43.644	ng	100
38) 1-Methylnaphthalene	9.057	142	675295	43.462	ng	100
40) 1,2,4,5-Tetrachloroben...	9.128	216	321264	41.961	ng	99
41) Hexachlorocyclopentadiene	9.116	237	448113	89.952	ng	100
43) 2,4,6-Trichlorophenol	9.234	196	236950	44.718	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
 Data File : BF143213.D
 Acq On : 23 Jul 2025 16:00
 Operator : RC/JU
 Sample : PB168954BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB168954BS

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/24/2025

Supervised By :Jagrut Upadhyay 07/24/2025

07/24/2025

Supervised By :Jagrut
Upadhyay

07/24/2025

Quant Time: Jul 23 16:22:58 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	236712	44.660	ng	98
46) 1,1'-Biphenyl	9.422	154	896929	43.351	ng	100
47) 2-Chloronaphthalene	9.445	162	657554	42.952	ng	100
48) 2-Nitroaniline	9.534	65	230570	48.027	ng	97
49) Acenaphthylene	9.863	152	1113812	43.414	ng	100
50) Dimethylphthalate	9.716	163	786201	45.483	ng	100
51) 2,6-Dinitrotoluene	9.775	165	173323	49.290	ng	99
52) Acenaphthene	10.039	154	721953	47.611	ng	97
53) 3-Nitroaniline	9.945	138	124269	30.214	ng	96
54) 2,4-Dinitrophenol	10.051	184	177281	108.635	ng	# 1
55) Dibenzofuran	10.210	168	965446	42.884	ng	100
56) 4-Nitrophenol	10.104	139	288911	94.066	ng	98
57) 2,4-Dinitrotoluene	10.181	165	233822	53.000	ng	96
58) Fluorene	10.551	166	747219	44.223	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	189277	43.109	ng	98
60) Diethylphthalate	10.422	149	789791	46.227	ng	99
61) 4-Chlorophenyl-phenyle...	10.539	204	374523	44.515	ng	99
62) 4-Nitroaniline	10.563	138	175257	49.717	ng	98
63) Azobenzene	10.698	77	780361	43.824	ng	100
65) 4,6-Dinitro-2-methylph...	10.592	198	120214	50.654	ng	96
66) n-Nitrosodiphenylamine	10.657	169	669884	42.301	ng	100
67) 4-Bromophenyl-phenylether	11.028	248	233035	43.481	ng	98
68) Hexachlorobenzene	11.104	284	245838	43.886	ng	98
69) Atrazine	11.180	200	213830	48.978	ng	99
70) Pentachlorophenol	11.292	266	203492	61.771	ng	99
71) Phenanthrene	11.516	178	1030740	43.166	ng	99
72) Anthracene	11.563	178	1059988	43.525	ng	100
73) Carbazole	11.716	167	945375	44.456	ng	100
74) Di-n-butylphthalate	12.039	149	1168492	48.562	ng	100
75) Fluoranthene	12.698	202	1021799	46.620	ng	99
77) Benzidine	12.810	184	430639	44.091	ng	99
78) Pyrene	12.927	202	1010330	46.697	ng	100
80) Butylbenzylphthalate	13.539	149	392773	59.285	ng	98
81) Benzo(a)anthracene	14.116	228	764664	45.053	ng	100
82) 3,3'-Dichlorobenzidine	14.069	252	126532	22.368	ng	97
83) Chrysene	14.151	228	680186	44.573	ng	100
84) Bis(2-ethylhexyl)phtha...	14.098	149	515251	51.382	ng	100
85) Di-n-octyl phthalate	14.716	149	825088	45.393	ng	99
87) Indeno(1,2,3-cd)pyrene	17.168	276	840404	45.525	ng	99
88) Benzo(b)fluoranthene	15.186	252	713448	44.609	ng	99
89) Benzo(k)fluoranthene	15.215	252	663116	46.464	ng	99
90) Benzo(a)pyrene	15.563	252	672961	45.669	ng	99
91) Dibenzo(a,h)anthracene	17.192	278	679016	45.191	ng	98
92) Benzo(g,h,i)perylene	17.639	276	671436	46.196	ng	99

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

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Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\  
Data File : BF143213.D  
Acq On    : 23 Jul 2025  16:00  
Operator  : RC/JU  
Sample    : PB168954BS  
Misc      :  
ALS Vial  : 5    Sample Multiplier: 1
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Instrument :
BNA_F
ClientSampleId :
PB168954BS

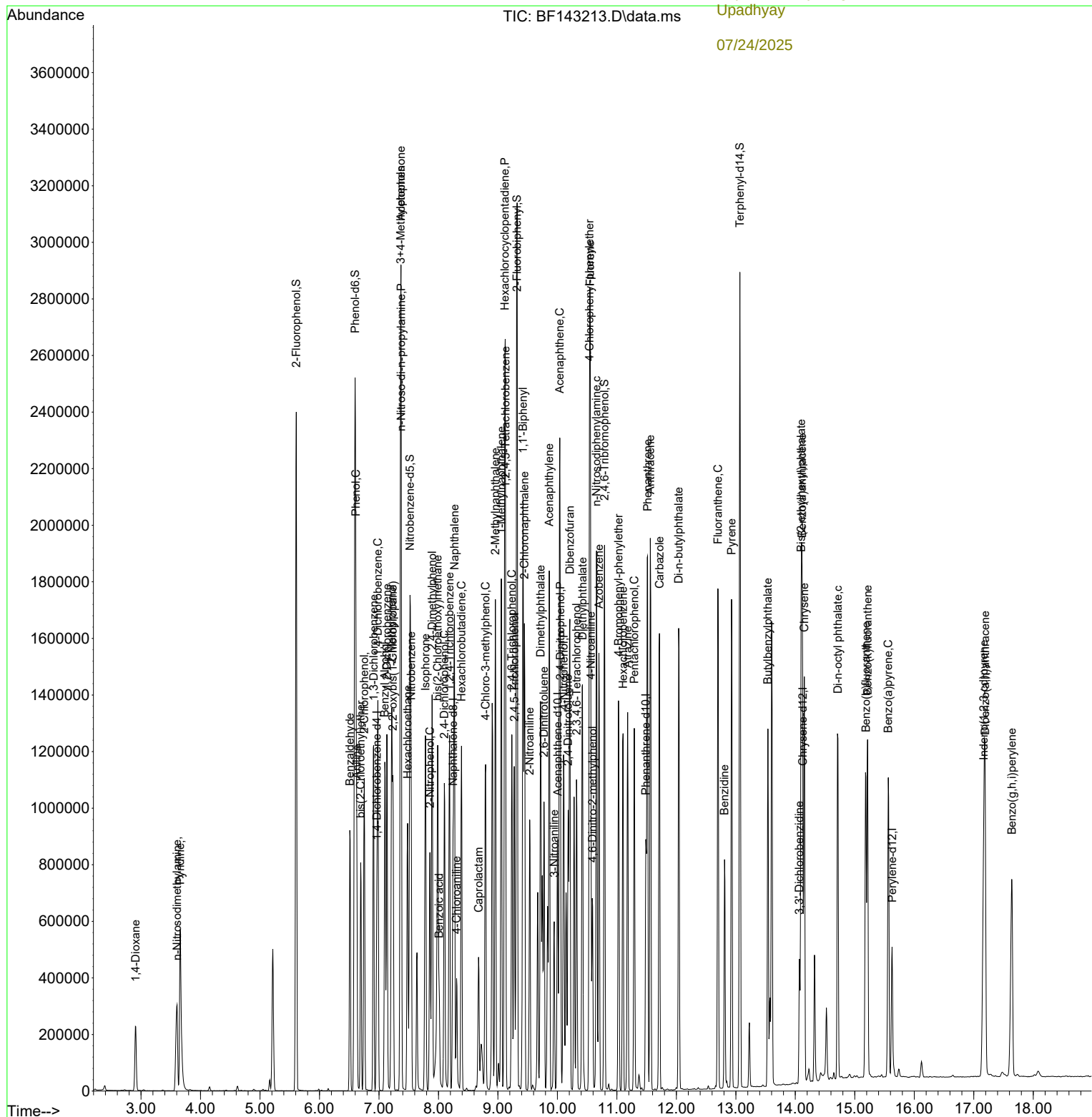
Manual Integrations

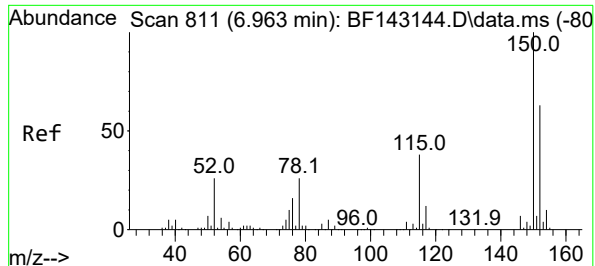
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

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Upadhyay

07/24/2025

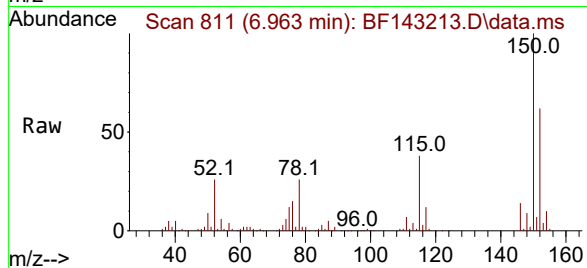
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Instrument :
BNA_F
ClientSampleId :
PB168954BS



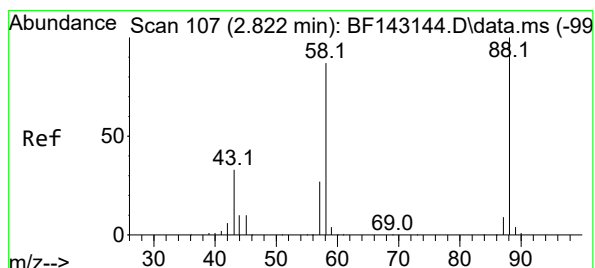
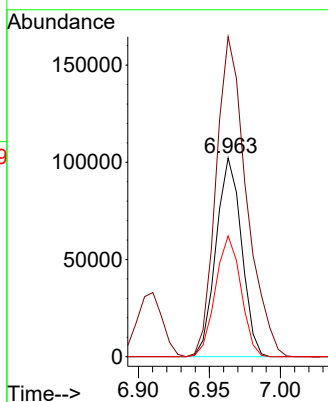
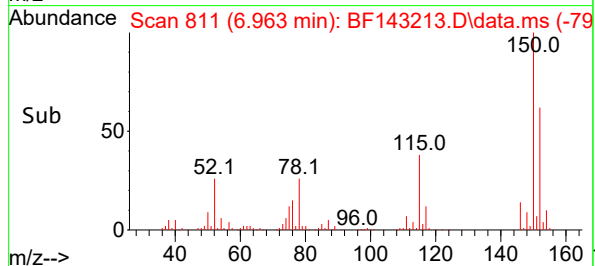
Tgt Ion:152 Resp: 12777
Ion Ratio Lower Upper
152 100
150 161.0 128.2 192.4
115 60.8 47.9 71.9

Manual Integrations
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Supervised By :Jagrut Upadhyay 07/24/2025

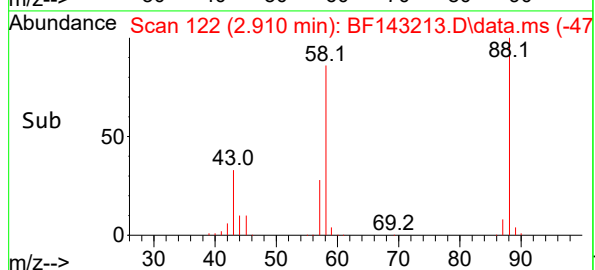
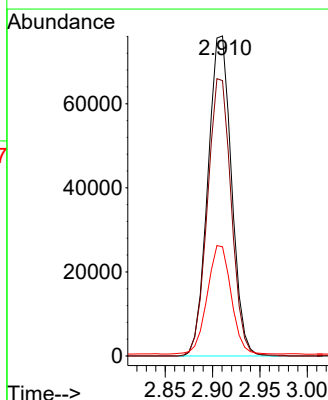
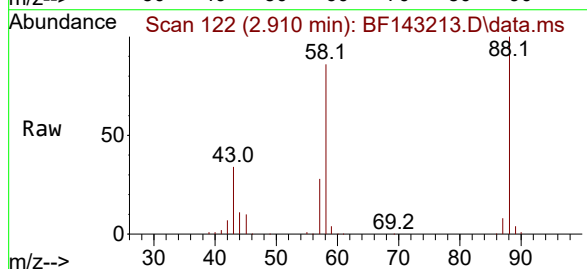
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Upadhyay

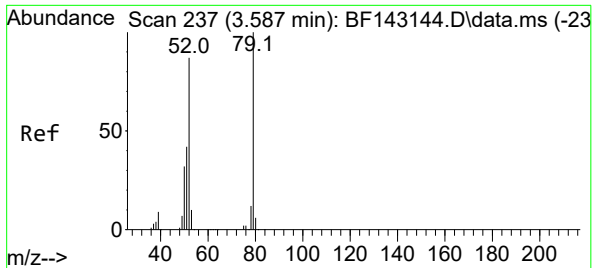
07/24/2025



#2
1,4-Dioxane
Concen: 34.673 ng
RT: 2.910 min Scan# 122
Delta R.T. 0.088 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion: 88 Resp: 132471
Ion Ratio Lower Upper
88 100
58 87.2 70.2 105.2
43 34.1 27.1 40.7





#3

Pyridine

Concen: 36.993 ng

RT: 3.657 min Scan# 24

Delta R.T. 0.071 min

Lab File: BF143213.D

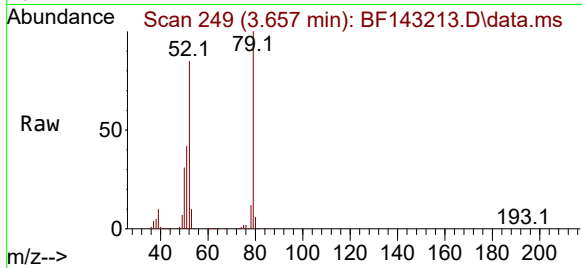
Acq: 23 Jul 2025 16:00

Instrument :

BNA_F

ClientSampleId :

PB168954BS



Tgt Ion: 79 Resp: 36683

Ion Ratio Lower Upper

79 100

52 85.0 69.4 104.2

51 42.2 33.5 50.3

Manual Integrations

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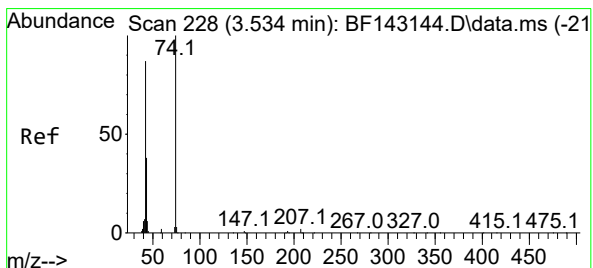
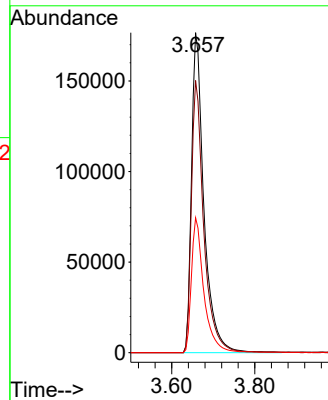
Reviewed By :Rahul Chavli 07/24/2025

Supervised By :Jagrut Upadhyay 07/24/2025

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Upadhyay

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#4

n-Nitrosodimethylamine

Concen: 42.002 ng

RT: 3.604 min Scan# 240

Delta R.T. 0.071 min

Lab File: BF143213.D

Acq: 23 Jul 2025 16:00

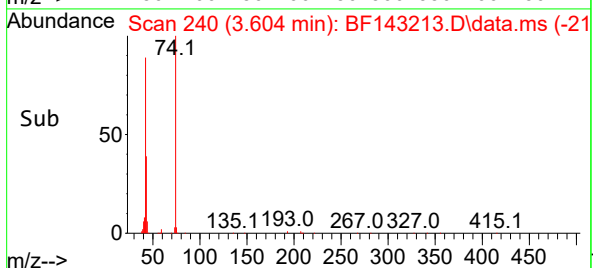
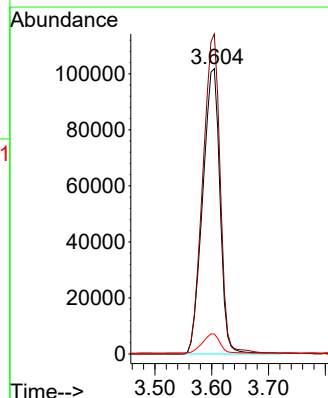
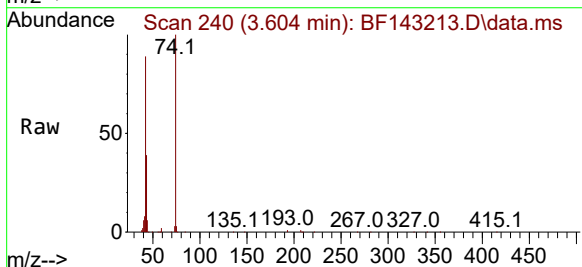
Tgt Ion: 42 Resp: 215046

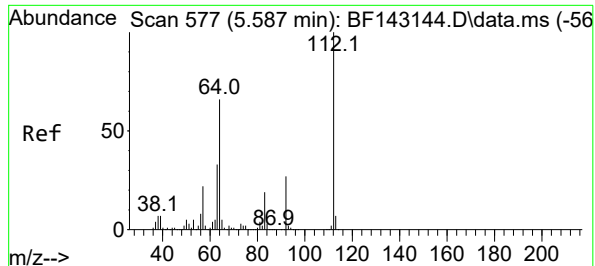
Ion Ratio Lower Upper

42 100

74 112.2 91.7 137.5

44 7.0 5.6 8.4





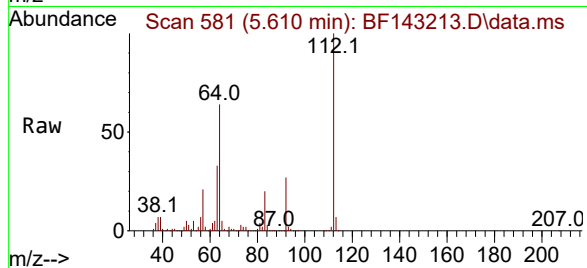
#5
2-Fluorophenol
Concen: 113.558 ng
RT: 5.610 min Scan# 577
Delta R.T. 0.024 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Instrument :

BNA_F

ClientSampleId :

PB168954BS



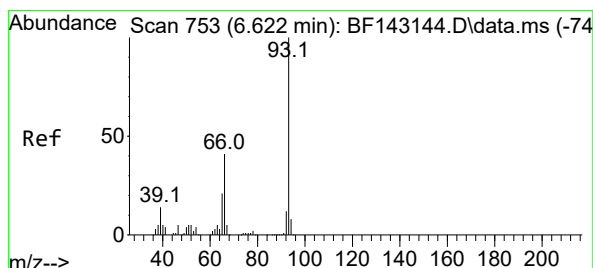
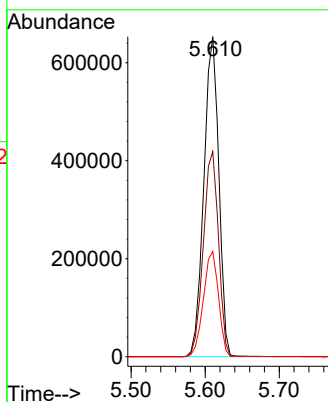
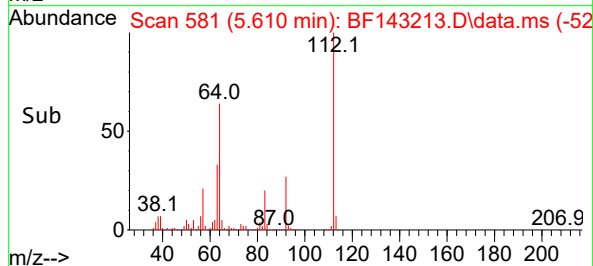
Tgt Ion:112 Resp: 916900
Ion Ratio Lower Upper
112 100
64 64.1 53.1 79.7
63 32.9 26.6 40.0

Manual Integrations
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Supervised By :Jagrut Upadhyay 07/24/2025

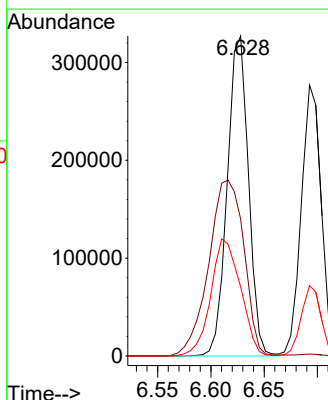
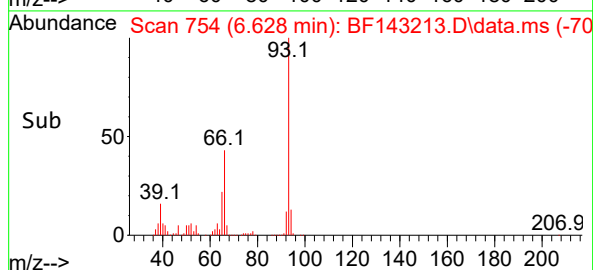
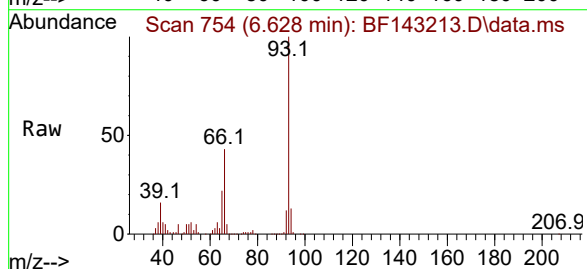
07/24/2025
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Upadhyay

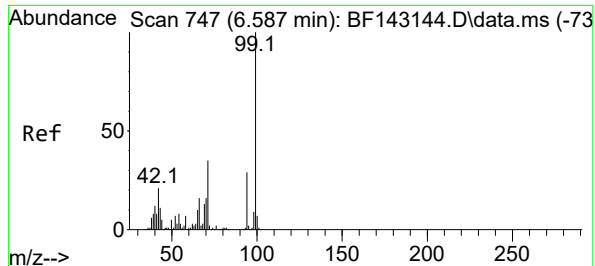
07/24/2025



#6
Aniline
Concen: 32.012 ng
RT: 6.628 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

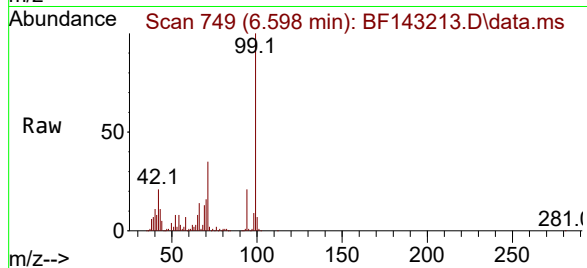
Tgt Ion: 93 Resp: 453418
Ion Ratio Lower Upper
93 100
66 42.8 33.2 49.8
65 21.7 16.9 25.3





#7
Phenol-d6
Concen: 113.452 ng
RT: 6.598 min Scan# 749
Delta R.T. 0.012 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Instrument :
BNA_F
ClientSampleId :
PB168954BS



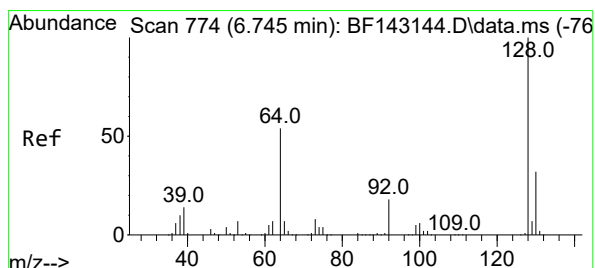
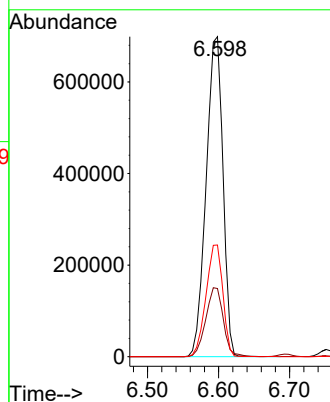
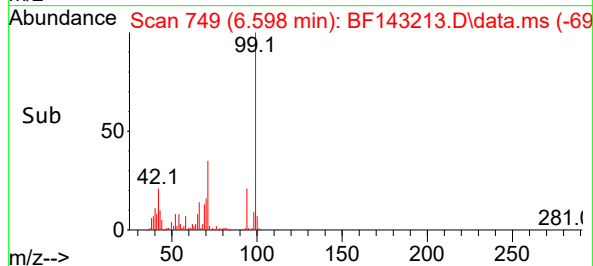
Tgt Ion: 99 Resp: 1153015
Ion Ratio Lower Upper
99 100
42 21.3 17.0 25.6
71 34.9 27.7 41.5

Manual Integrations
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Supervised By :Jagrut Upadhyay 07/24/2025

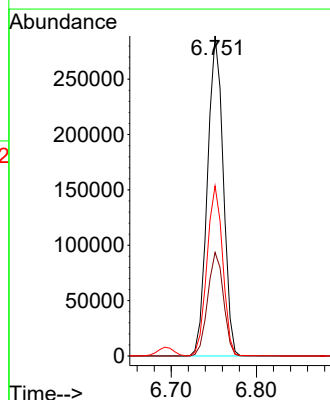
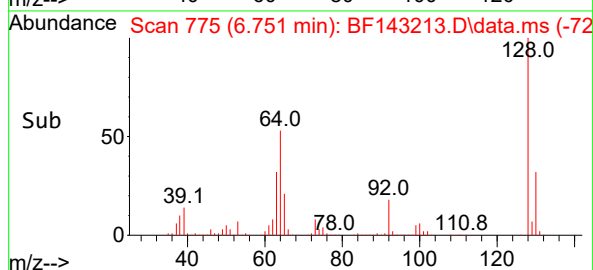
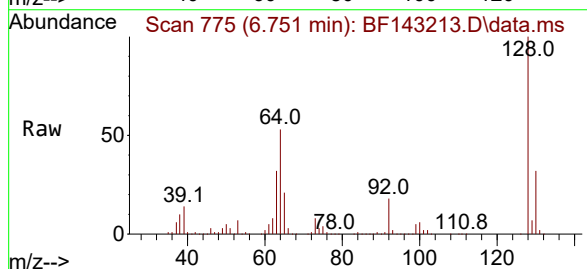
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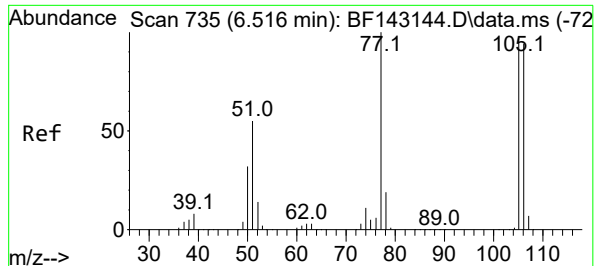
07/24/2025



#8
2-Chlorophenol
Concen: 43.905 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

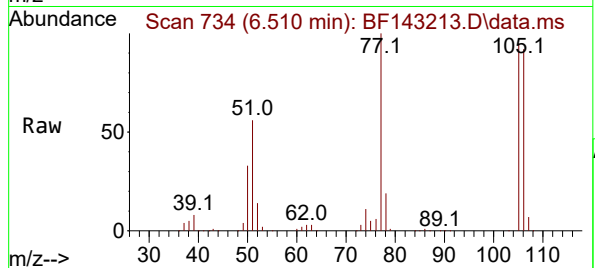
Tgt Ion:128 Resp: 371590
Ion Ratio Lower Upper
128 100
130 32.4 12.3 52.3
64 53.2 35.9 75.9





#9
Benzaldehyde
Concen: 32.156 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Instrument :
BNA_F
ClientSampleId :
PB168954BS



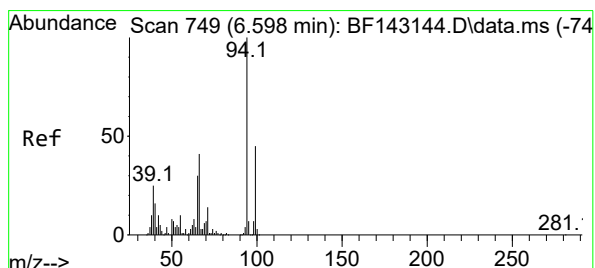
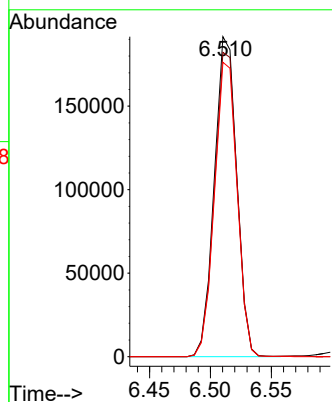
Tgt Ion: 77 Resp: 245056
Ion Ratio Lower Upper
77 100
105 95.1 76.8 116.8
106 92.0 74.4 114.4

Manual Integrations
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Supervised By :Jagrut Upadhyay 07/24/2025

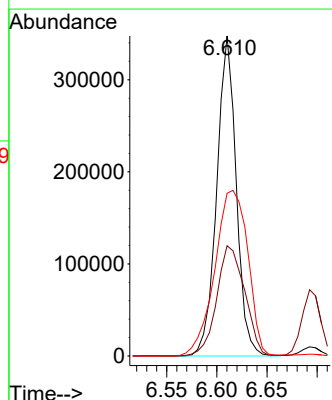
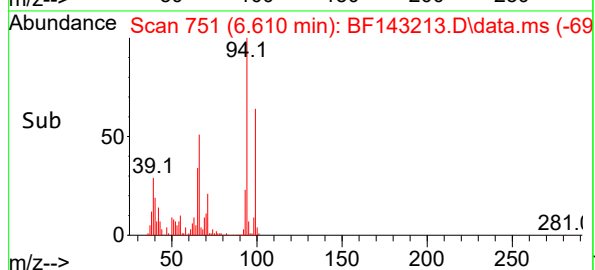
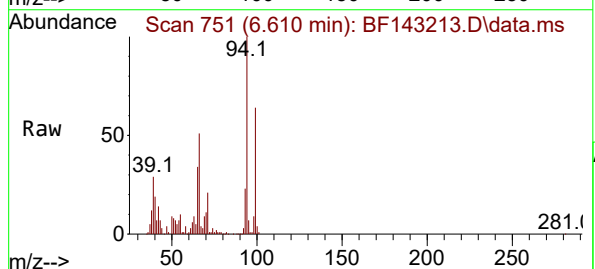
07/24/2025
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Upadhyay

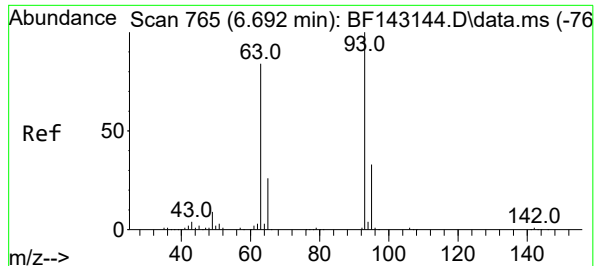
07/24/2025



#10
Phenol
Concen: 42.440 ng
RT: 6.610 min Scan# 751
Delta R.T. 0.012 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion: 94 Resp: 469882
Ion Ratio Lower Upper
94 100
65 34.4 10.0 50.0
66 50.8 20.8 60.8





#11

bis(2-Chloroethyl)ether

Concen: 42.212 ng

RT: 6.693 min Scan# 70

Delta R.T. 0.000 min

Lab File: BF143213.D

Acq: 23 Jul 2025 16:00

Instrument :

BNA_F

ClientSampleId :

PB168954BS

Tgt Ion: 93 Resp: 357840

Ion Ratio Lower Upper

93 100

63 82.9 63.4 103.4

95 32.3 12.4 52.4

Manual Integrations

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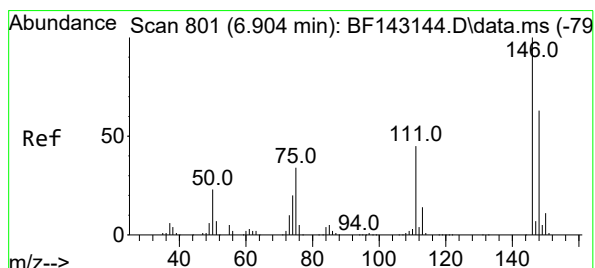
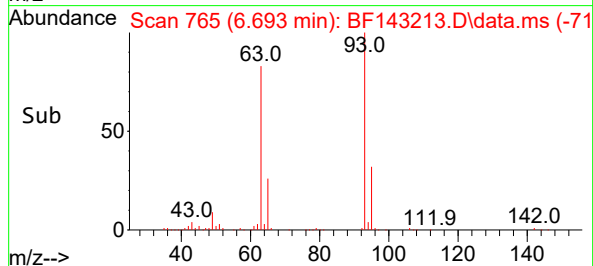
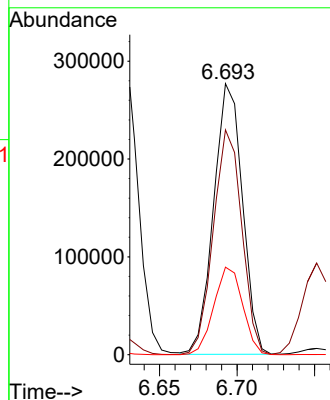
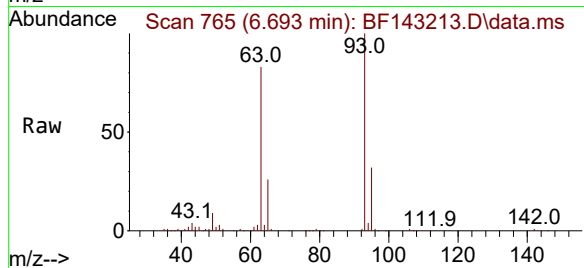
Reviewed By :Rahul Chavli 07/24/2025

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Upadhyay

07/24/2025



#12

1,3-Dichlorobenzene

Concen: 42.005 ng

RT: 6.910 min Scan# 802

Delta R.T. 0.006 min

Lab File: BF143213.D

Acq: 23 Jul 2025 16:00

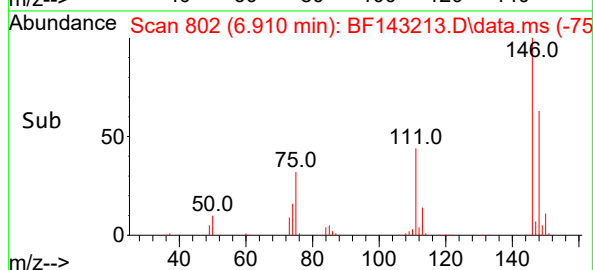
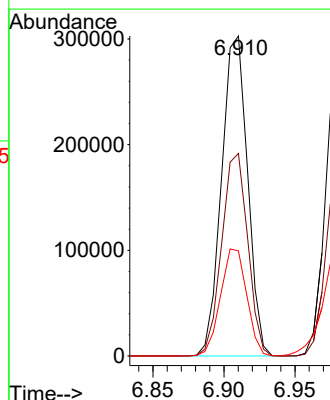
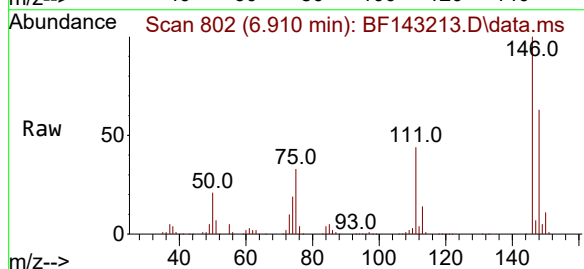
Tgt Ion:146 Resp: 386199

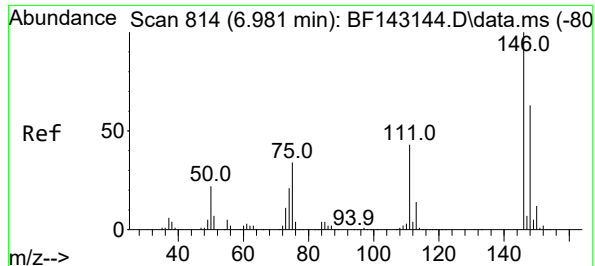
Ion Ratio Lower Upper

146 100

148 63.3 50.6 76.0

75 32.8 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 42.488 ng

RT: 6.981 min Scan# 814

Delta R.T. 0.000 min

Lab File: BF143213.D

Acq: 23 Jul 2025 16:00

Instrument :

BNA_F

ClientSampleId :

PB168954BS

Tgt Ion:146 Resp: 39339

Ion Ratio Lower Upper

146 100

148 63.4 50.3 75.5

111 43.6 34.4 51.6

Manual Integrations

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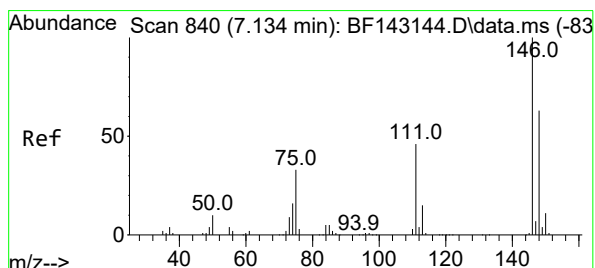
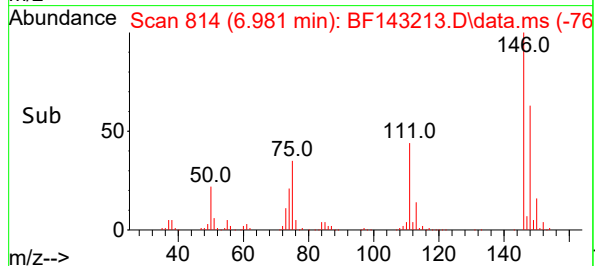
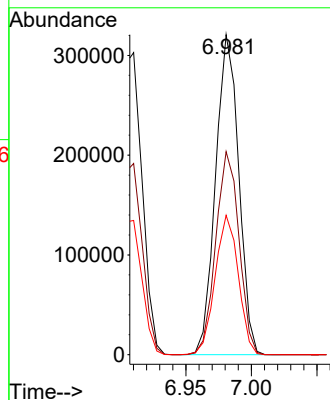
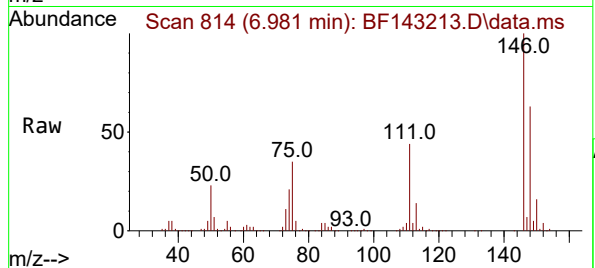
Reviewed By :Rahul Chavli 07/24/2025

Supervised By :Jagrut Upadhyay 07/24/2025

07/24/2025

Supervised By :Jagrut
Upadhyay

07/24/2025



#14

1,2-Dichlorobenzene

Concen: 43.254 ng

RT: 7.134 min Scan# 840

Delta R.T. 0.000 min

Lab File: BF143213.D

Acq: 23 Jul 2025 16:00

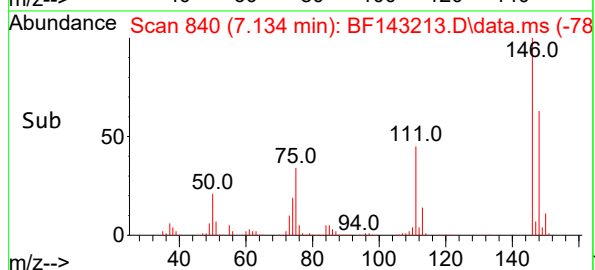
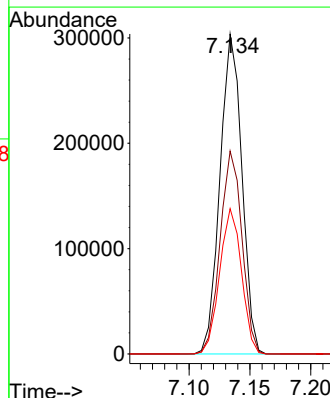
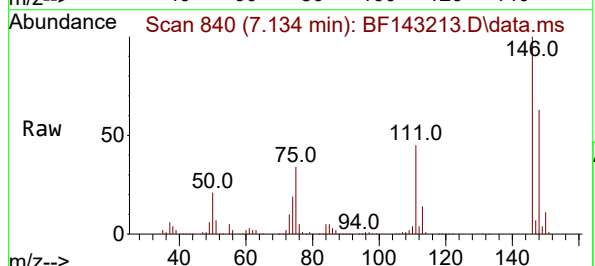
Tgt Ion:146 Resp: 380909

Ion Ratio Lower Upper

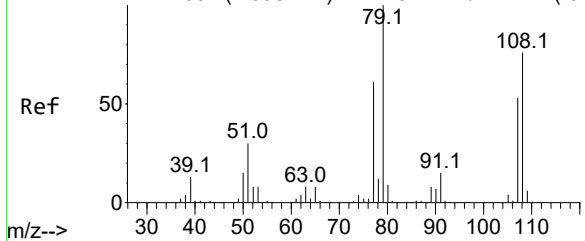
146 100

148 63.4 50.7 76.1

111 45.4 36.6 54.8



Abundance Scan 834 (7.098 min): BF143144.D\data.ms (-82



#15

Benzyl Alcohol

Concen: 45.072 ng

RT: 7.098 min Scan# 834

Delta R.T. 0.000 min

Lab File: BF143213.D

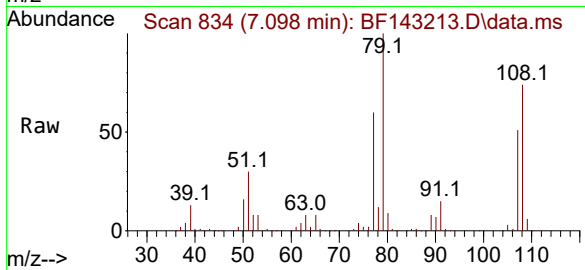
Acq: 23 Jul 2025 16:00

Instrument :

BNA_F

ClientSampleId :

PB168954BS



Tgt Ion: 79 Resp: 349759

Ion Ratio Lower Upper

79 100

108 74.2 61.1 91.7

77 60.4 48.9 73.3

Manual Integrations

APPROVED

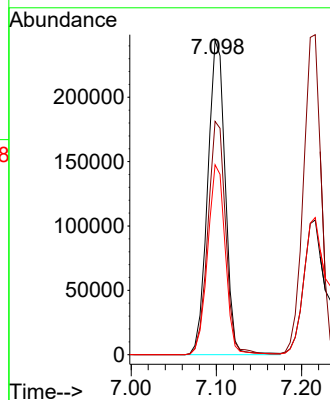
Reviewed By :Rahul Chavli 07/24/2025

Supervised By :Jagrut Upadhyay 07/24/2025

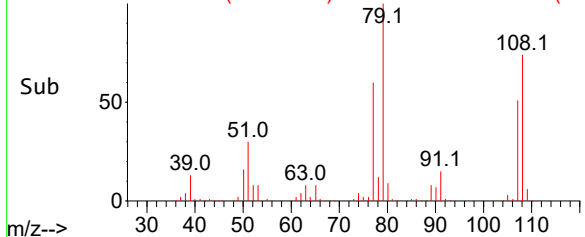
07/24/2025

Supervised By :Jagrut
Upadhyay

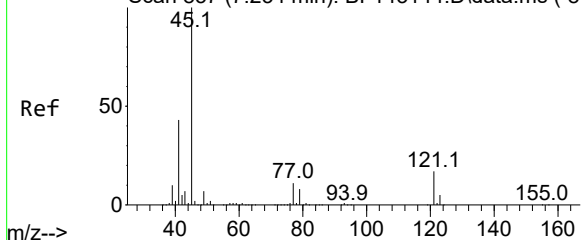
07/24/2025



Abundance Scan 834 (7.098 min): BF143213.D\data.ms (-78



Abundance Scan 857 (7.234 min): BF143144.D\data.ms (-84



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.015 ng

RT: 7.234 min Scan# 857

Delta R.T. 0.000 min

Lab File: BF143213.D

Acq: 23 Jul 2025 16:00

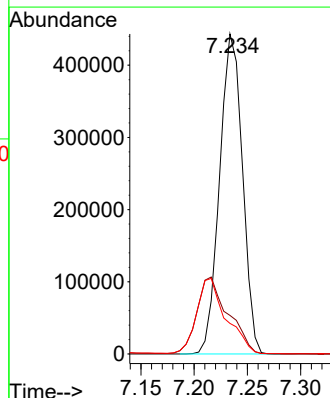
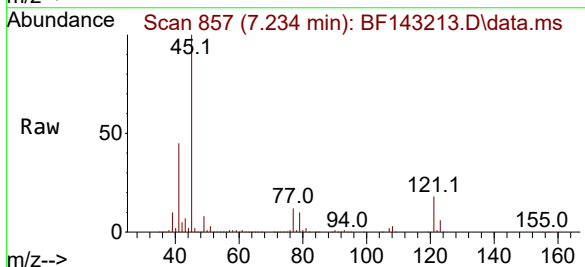
Tgt Ion: 45 Resp: 660695

Ion Ratio Lower Upper

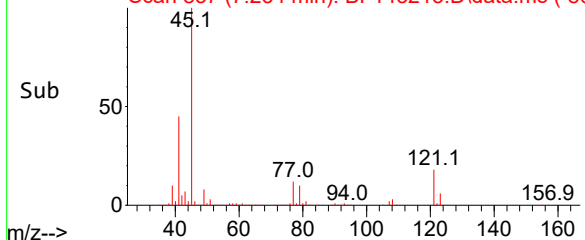
45 100

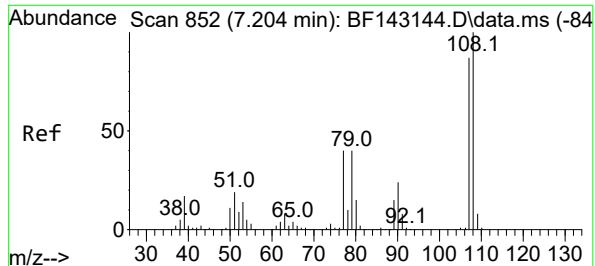
77 12.1 0.0 31.2

79 9.5 0.0 28.5



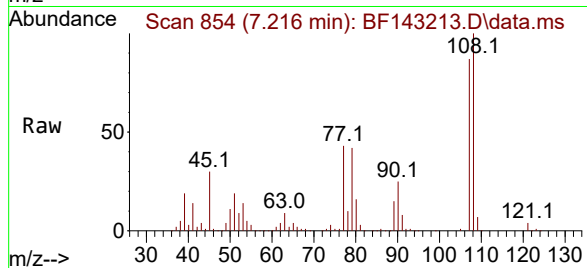
Abundance Scan 857 (7.234 min): BF143213.D\data.ms (-80





#17
2-Methylphenol
Concen: 43.893 ng
RT: 7.216 min Scan# 854
Delta R.T. 0.012 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Instrument :
BNA_F
ClientSampleId :
PB168954BS



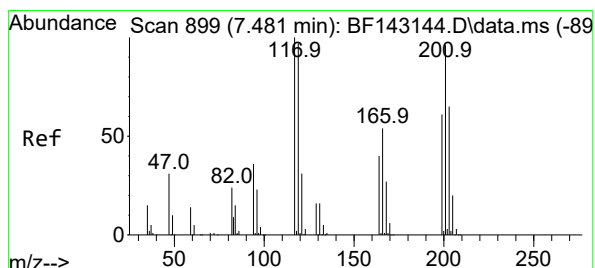
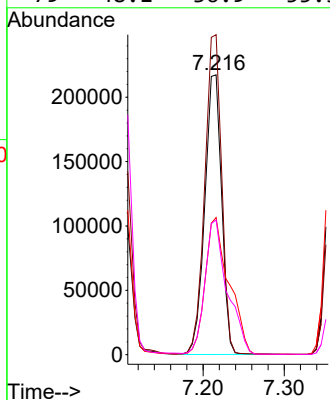
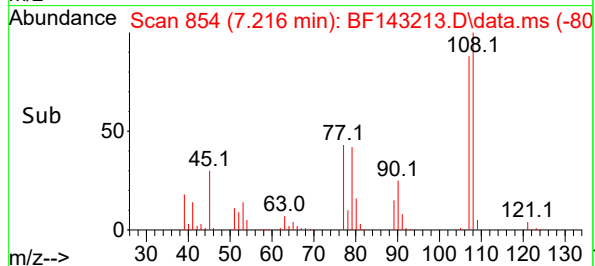
Tgt Ion:107 Resp: 312350
Ion Ratio Lower Upper
107 100
108 114.4 91.8 137.6
77 49.0 37.0 55.6
79 48.1 36.9 55.3

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

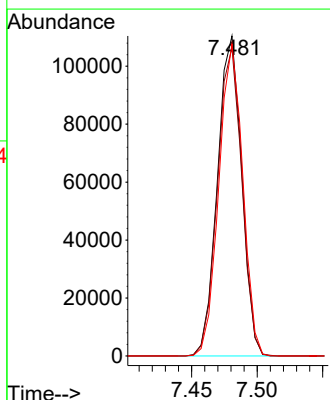
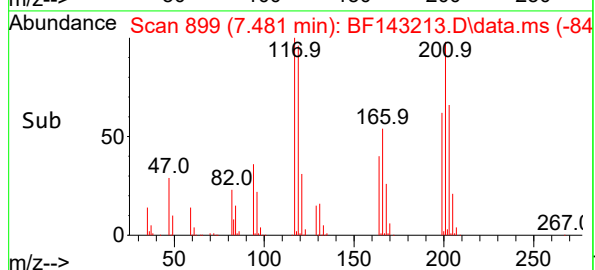
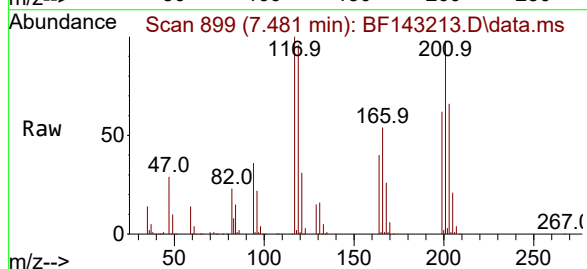
07/24/2025
Supervised By :Jagrut
Upadhyay

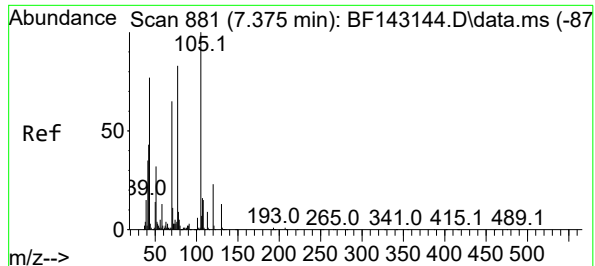
07/24/2025



#18
Hexachloroethane
Concen: 44.303 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion:117 Resp: 142004
Ion Ratio Lower Upper
117 100
119 96.4 77.8 116.8
201 97.5 77.0 115.4





#19

n-Nitroso-di-n-propylamine

Concen: 42.261 ng

RT: 7.375 min Scan# 881

Delta R.T. 0.000 min

Lab File: BF143213.D

Acq: 23 Jul 2025 16:00

Instrument :

BNA_F

ClientSampleId :

PB168954BS

Tgt Ion: 70 Resp: 275552

Ion Ratio Lower Upper

70 100

42 65.4 52.5 78.7

101 9.7 7.6 11.4

130 20.7 16.1 24.1

Manual Integrations

APPROVED

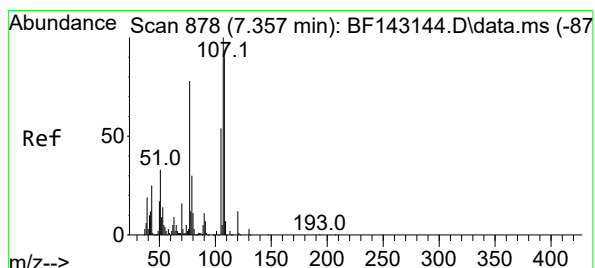
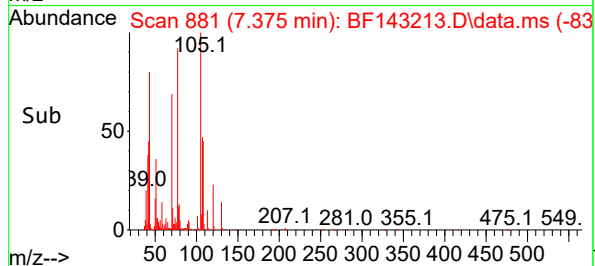
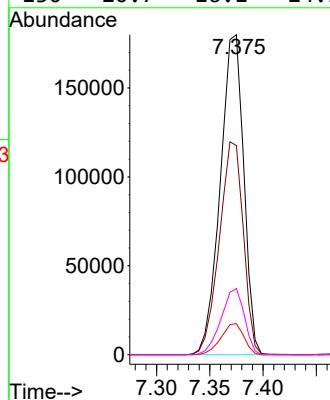
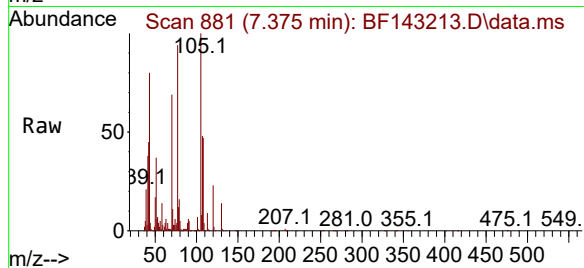
Reviewed By :Rahul Chavli 07/24/2025

Supervised By :Jagrut Upadhyay 07/24/2025

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Upadhyay

07/24/2025



#20

3+4-Methylphenols

Concen: 42.722 ng

RT: 7.363 min Scan# 879

Delta R.T. 0.006 min

Lab File: BF143213.D

Acq: 23 Jul 2025 16:00

Tgt Ion:107 Resp: 368857

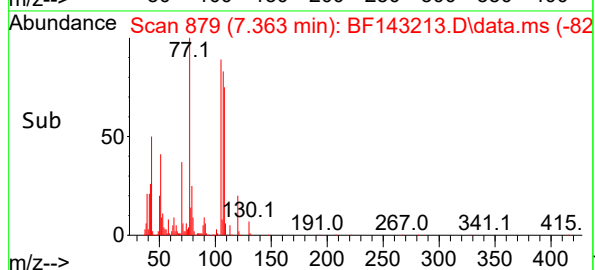
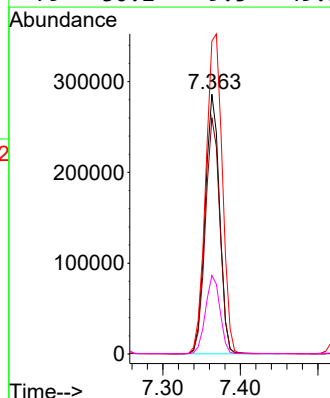
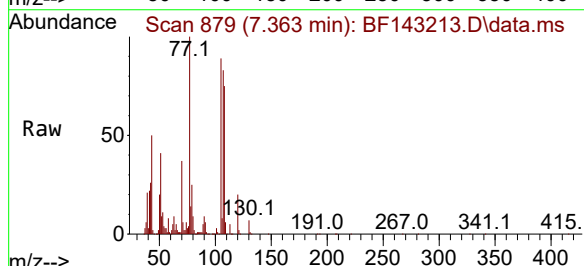
Ion Ratio Lower Upper

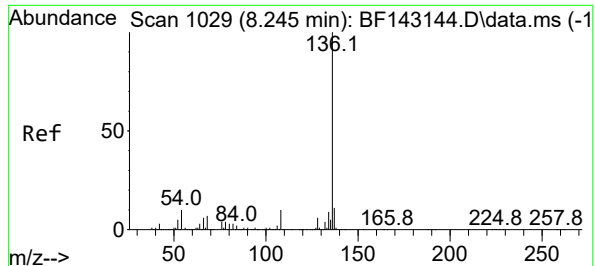
107 100

108 90.9 70.0 110.0

77 120.5 57.8 97.8#

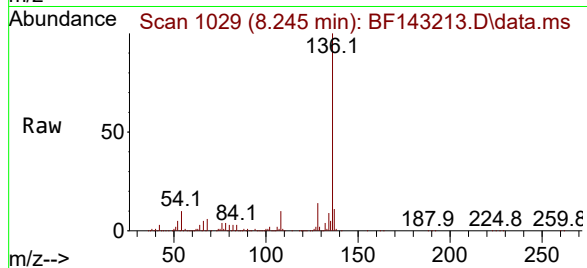
79 30.2 9.5 49.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Instrument :
BNA_F
ClientSampleId :
PB168954BS



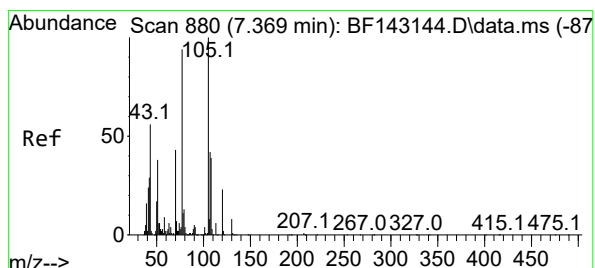
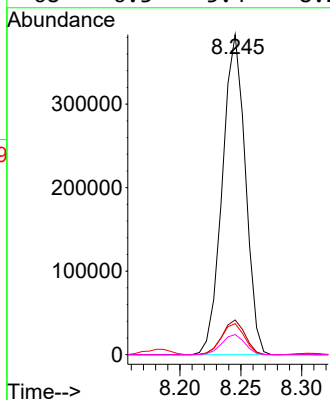
Tgt Ion:136 Resp: 503480
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.7 8.2 12.2
68 6.3 5.4 8.2

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

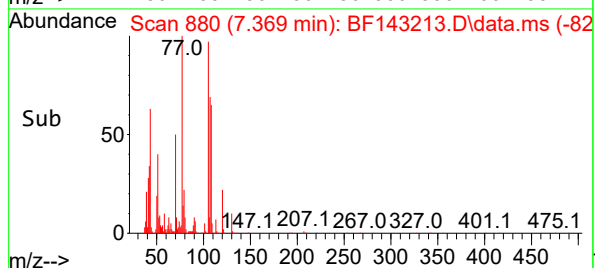
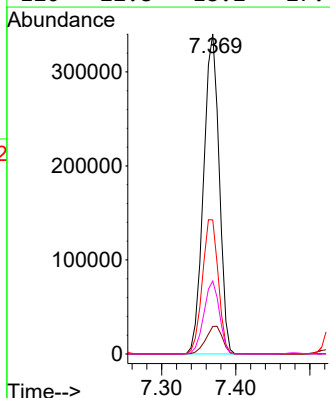
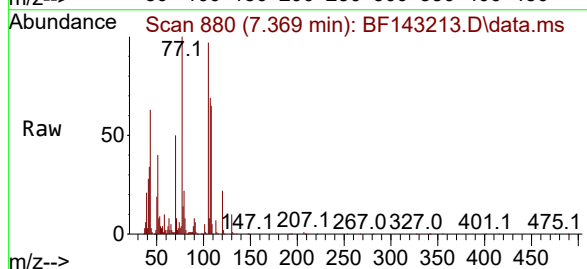
07/24/2025
Supervised By :Jagrut
Upadhyay

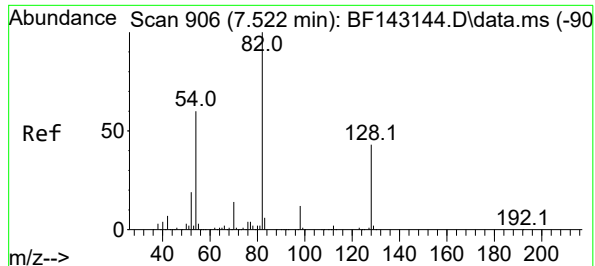
07/24/2025



#22
Acetophenone
Concen: 41.862 ng
RT: 7.369 min Scan# 880
Delta R.T. 0.000 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion:105 Resp: 498995
Ion Ratio Lower Upper
105 100
71 8.6 5.8 8.6
51 41.9 30.2 45.2
120 22.8 18.2 27.4





#23

Nitrobenzene-d5

Concen: 82.019 ng

RT: 7.522 min Scan# 908

Delta R.T. 0.000 min

Lab File: BF143213.D

Acq: 23 Jul 2025 16:00

Instrument :

BNA_F

ClientSampleId :

PB168954BS

Tgt Ion: 82 Resp: 82844

Ion Ratio Lower Upper

82 100

128 42.9 33.6 50.4

54 58.6 47.1 70.7

Manual Integrations

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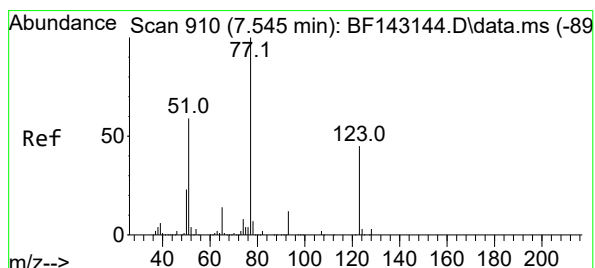
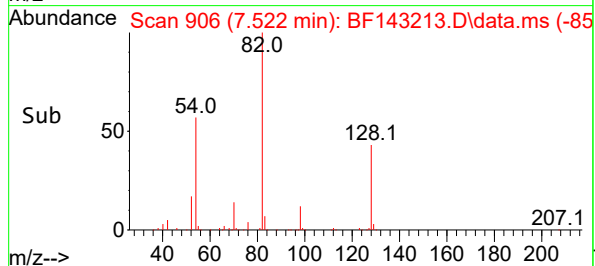
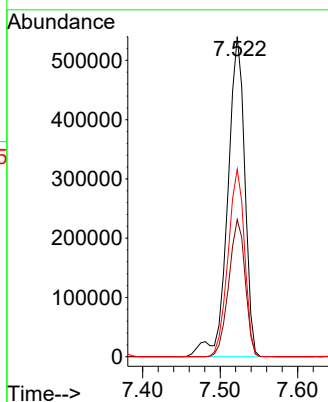
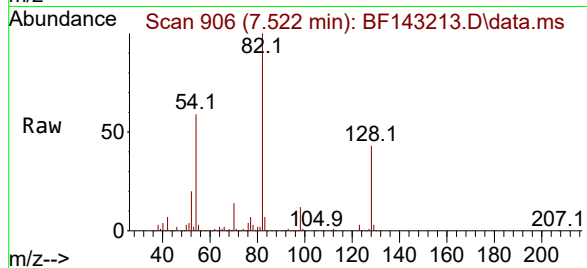
Reviewed By :Rahul Chavli 07/24/2025

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Supervised By :Jagrut
Upadhyay

07/24/2025



#24

Nitrobenzene

Concen: 44.214 ng

RT: 7.540 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF143213.D

Acq: 23 Jul 2025 16:00

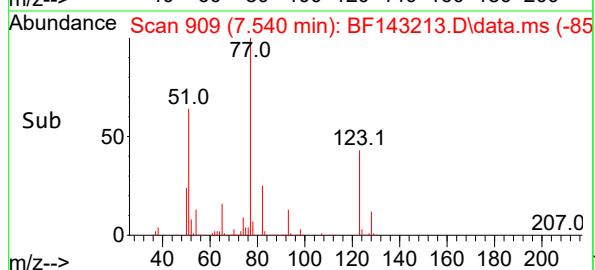
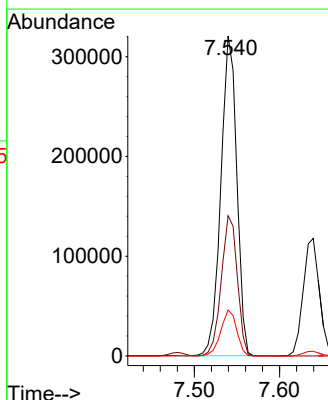
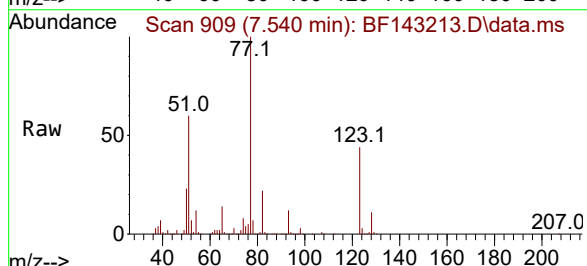
Tgt Ion: 77 Resp: 416358

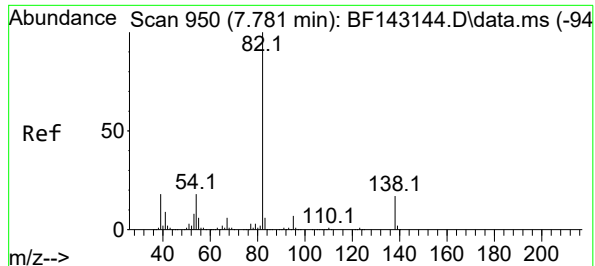
Ion Ratio Lower Upper

77 100

123 43.8 36.1 54.1

65 14.4 11.4 17.2





#25

Isophorone

Concen: 43.064 ng

RT: 7.781 min Scan# 950

Delta R.T. 0.000 min

Lab File: BF143213.D

Acq: 23 Jul 2025 16:00

Instrument :

BNA_F

ClientSampleId :

PB168954BS

Tgt Ion: 82 Resp: 76787

Ion Ratio Lower Upper

82 100

95 7.1 5.5 8.3

138 18.1 13.8 20.8

Manual Integrations

APPROVED

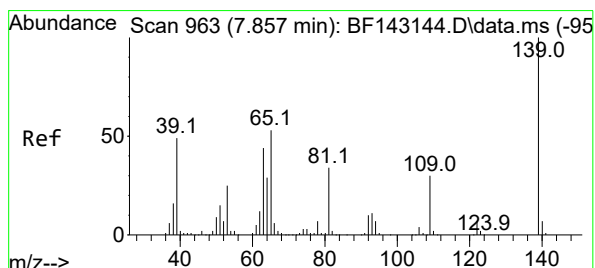
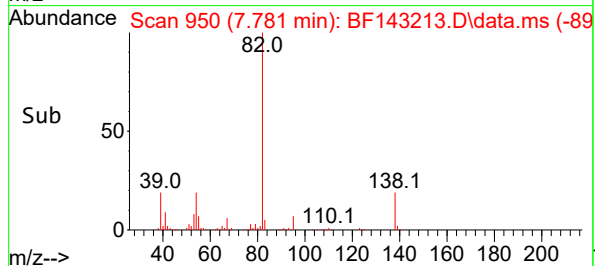
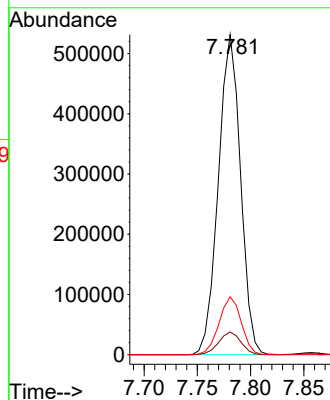
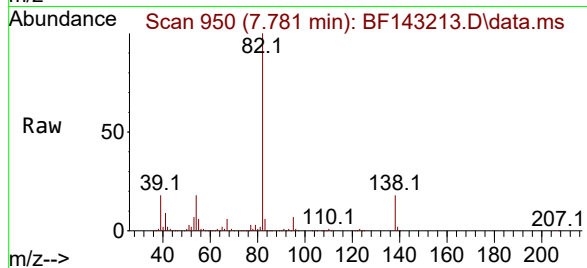
Reviewed By :Rahul Chavli 07/24/2025

Supervised By :Jagrut Upadhyay 07/24/2025

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Supervised By :Jagrut
Upadhyay

07/24/2025



#26

2-Nitrophenol

Concen: 49.640 ng

RT: 7.857 min Scan# 963

Delta R.T. 0.000 min

Lab File: BF143213.D

Acq: 23 Jul 2025 16:00

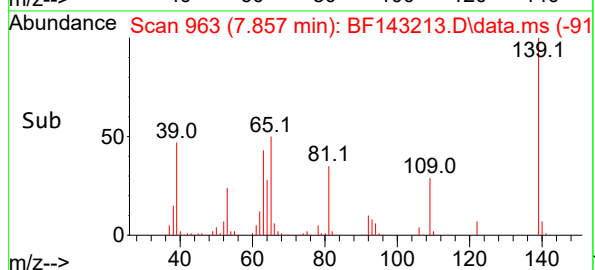
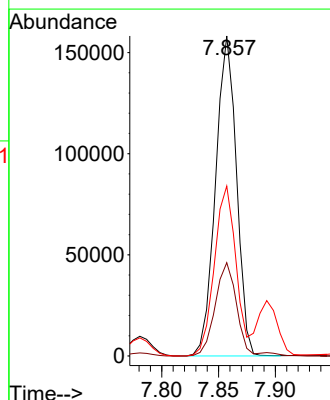
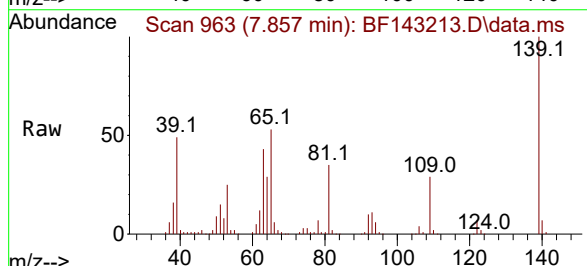
Tgt Ion:139 Resp: 202876

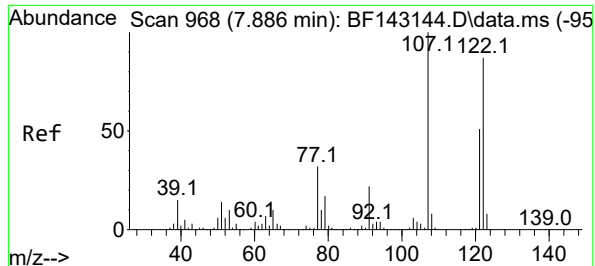
Ion Ratio Lower Upper

139 100

109 29.2 23.6 35.4

65 53.1 42.6 64.0





#27

2,4-Dimethylphenol

Concen: 42.392 ng

RT: 7.892 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF143213.D

Acq: 23 Jul 2025 16:00

Instrument :

BNA_F

ClientSampleId :

PB168954BS

Tgt Ion:122 Resp: 353154

Ion Ratio Lower Upper

122 100

107 116.5 91.8 137.6

121 59.1 46.3 69.5

Manual Integrations

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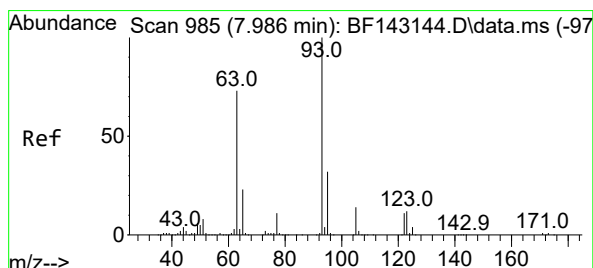
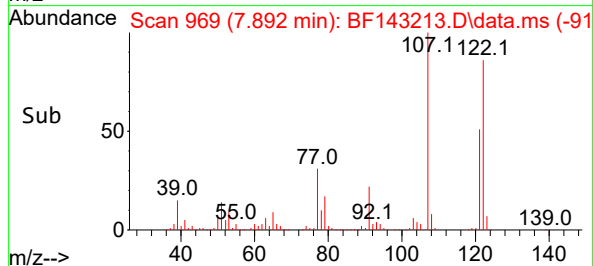
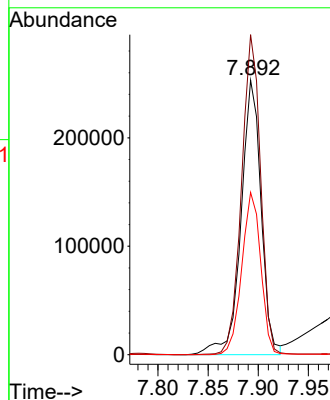
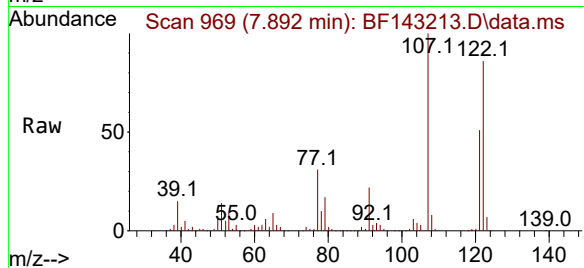
Reviewed By :Rahul Chavli 07/24/2025

Supervised By :Jagrut Upadhyay 07/24/2025

07/24/2025

Supervised By :Jagrut
Upadhyay

07/24/2025



#28

bis(2-Chloroethoxy)methane

Concen: 42.499 ng

RT: 7.987 min Scan# 985

Delta R.T. 0.000 min

Lab File: BF143213.D

Acq: 23 Jul 2025 16:00

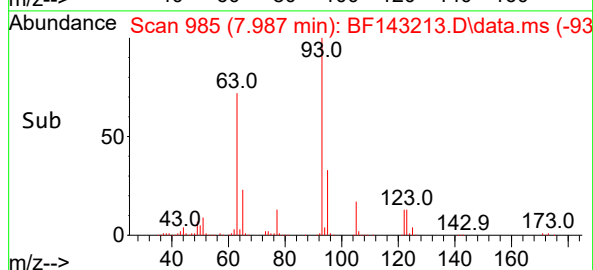
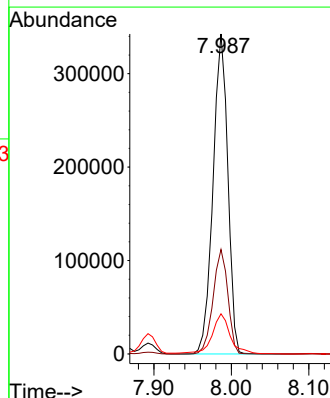
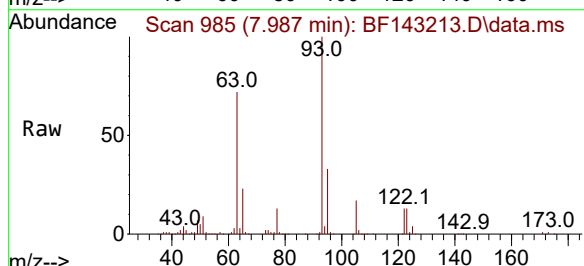
Tgt Ion: 93 Resp: 454347

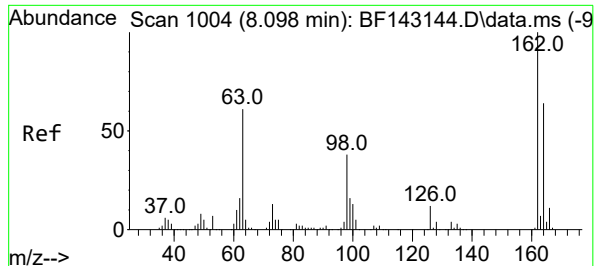
Ion Ratio Lower Upper

93 100

95 32.6 25.8 38.6

123 12.5 9.7 14.5





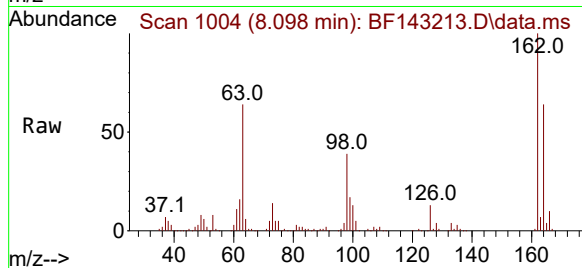
#29
2,4-Dichlorophenol
Concen: 43.967 ng
RT: 8.098 min Scan# 1004
Delta R.T. 0.000 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Instrument :

BNA_F

ClientSampleId :

PB168954BS



Tgt Ion:162 Resp: 308890
Ion Ratio Lower Upper
162 100
164 63.5 44.2 84.2
98 39.1 17.9 57.9

Manual Integrations

APPROVED

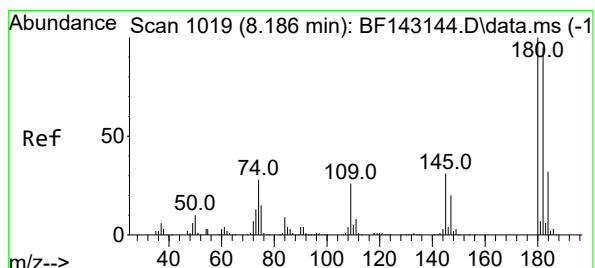
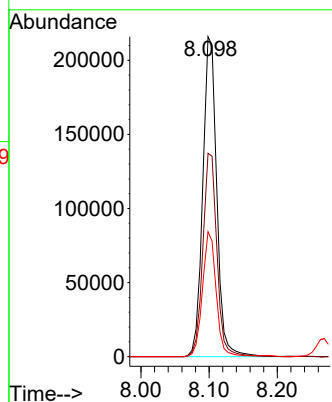
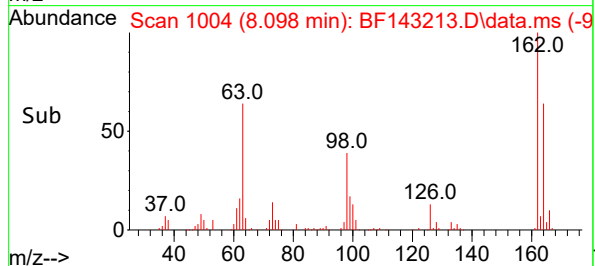
Reviewed By :Rahul Chavli 07/24/2025

Supervised By :Jagrut Upadhyay 07/24/2025

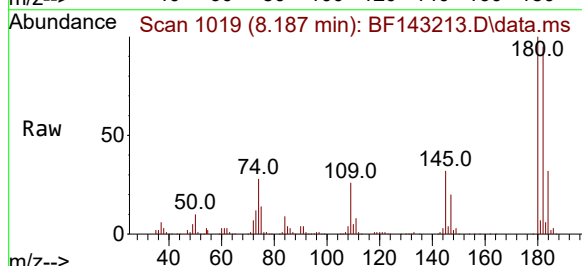
07/24/2025

Supervised By :Jagrut
Upadhyay

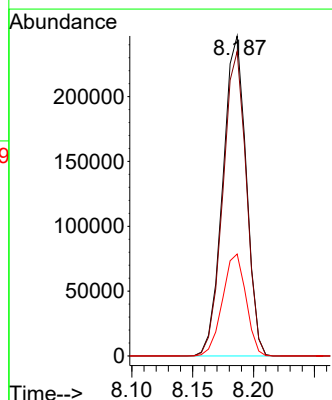
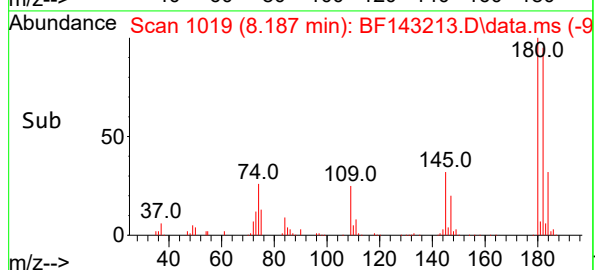
07/24/2025

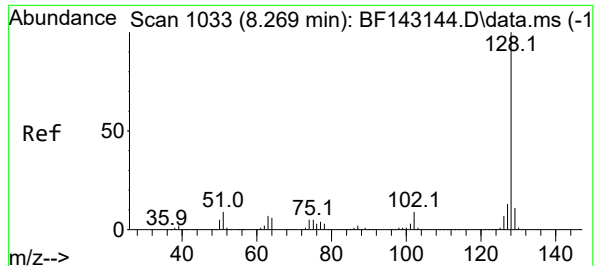


#30
1,2,4-Trichlorobenzene
Concen: 43.389 ng
RT: 8.187 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00



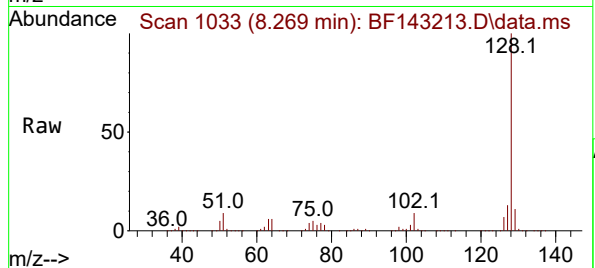
Tgt Ion:180 Resp: 329323
Ion Ratio Lower Upper
180 100
182 95.2 76.2 114.2
145 31.8 25.0 37.6





#31
Naphthalene
Concen: 43.425 ng
RT: 8.269 min Scan# 1033
Delta R.T. 0.000 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Instrument :
BNA_F
ClientSampleId :
PB168954BS



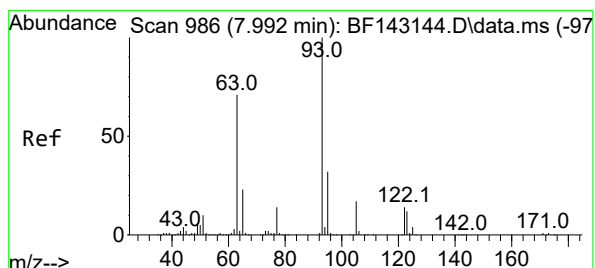
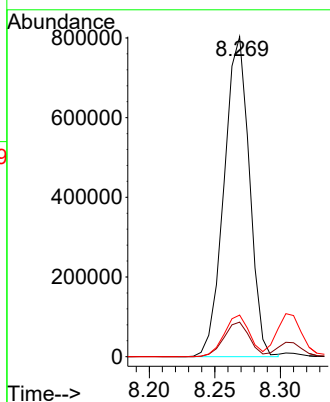
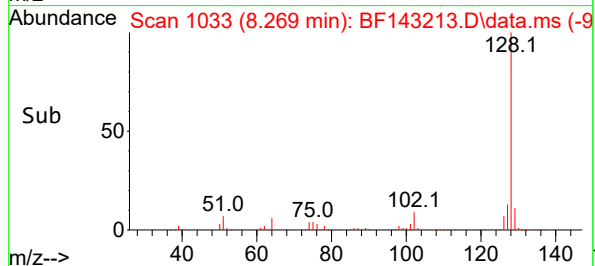
Tgt Ion:128 Resp: 1076778
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.4
127 13.0 10.6 16.0

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Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

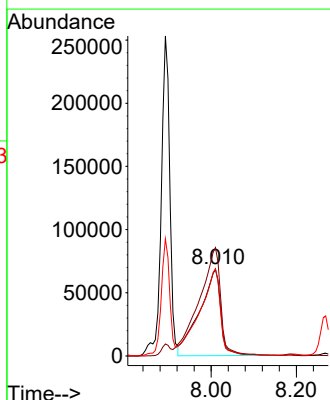
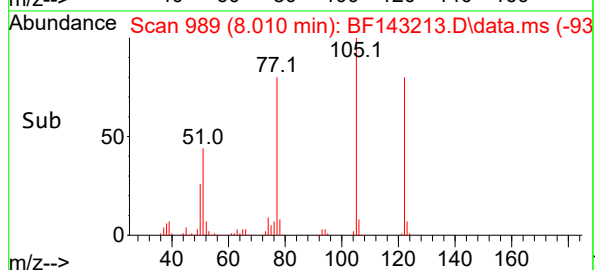
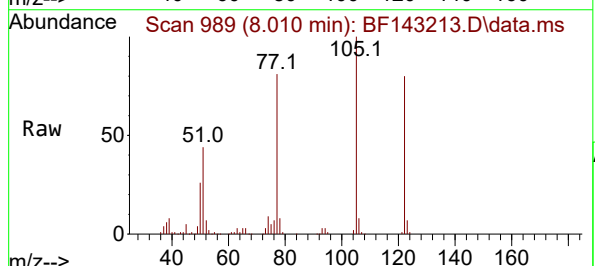
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Upadhyay

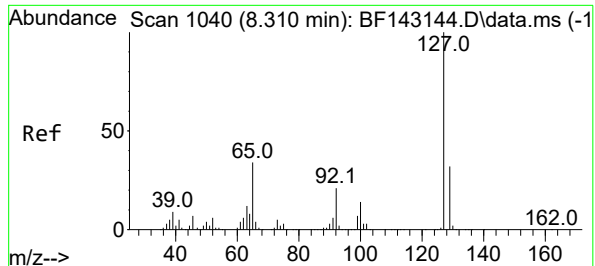
07/24/2025



#32
Benzoic acid
Concen: 50.344 ng
RT: 8.010 min Scan# 989
Delta R.T. 0.018 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

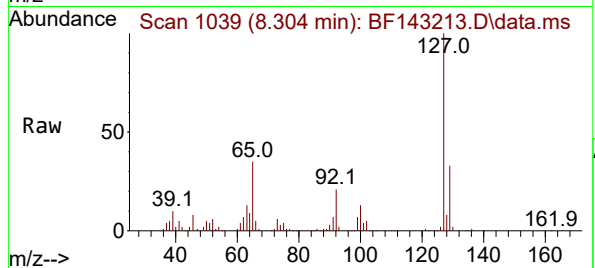
Tgt Ion:122 Resp: 237583
Ion Ratio Lower Upper
122 100
105 125.1 104.8 144.8
77 100.9 77.6 117.6





#33
4-Chloroaniline
Concen: 14.956 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Instrument :
BNA_F
ClientSampleId :
PB168954BS



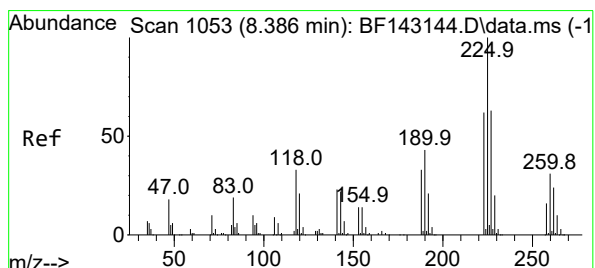
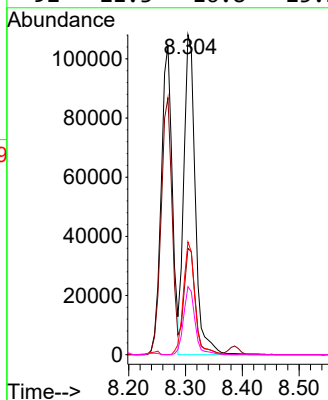
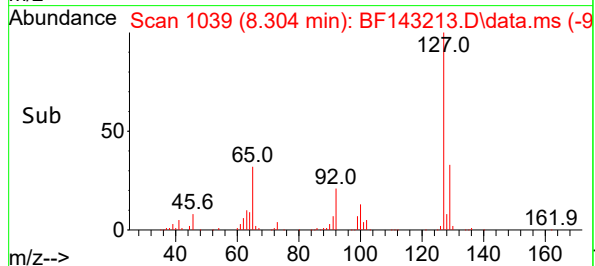
Tgt Ion:127 Resp: 15142
Ion Ratio Lower Upper
127 100
129 33.3 26.0 39.0
65 35.3 27.4 41.2
92 21.3 16.8 25.2

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Supervised By :Jagrut Upadhyay 07/24/2025

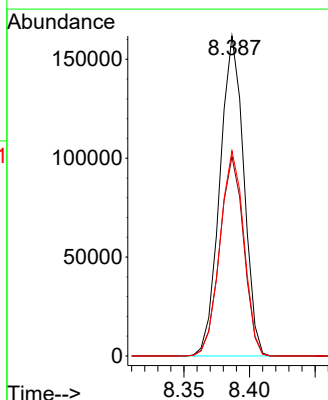
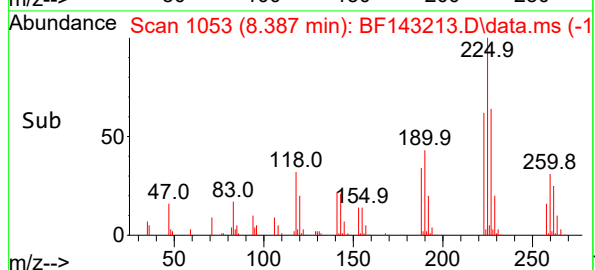
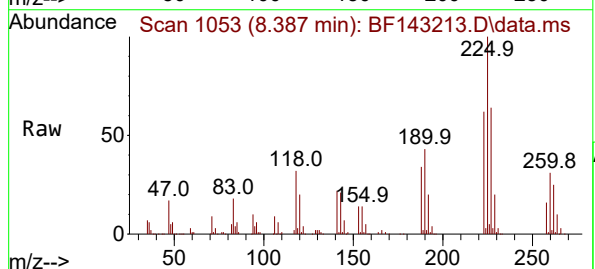
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Upadhyay

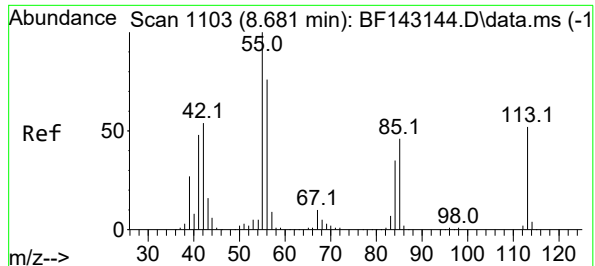
07/24/2025



#34
Hexachlorobutadiene
Concen: 44.172 ng
RT: 8.387 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion:225 Resp: 204807
Ion Ratio Lower Upper
225 100
223 62.3 49.8 74.6
227 64.1 50.2 75.4





#35

Caprolactam

Concen: 49.274 ng m

RT: 8.675 min Scan# 1103

Delta R.T. -0.006 min

Lab File: BF143213.D

Acq: 23 Jul 2025 16:00

Instrument :

BNA_F

ClientSampleId :

PB168954BS

Tgt Ion:113 Resp: 104609

Ion Ratio Lower Upper

113 100

55 198.8 174.0 214.0

56 151.6 126.6 166.6

Manual Integrations

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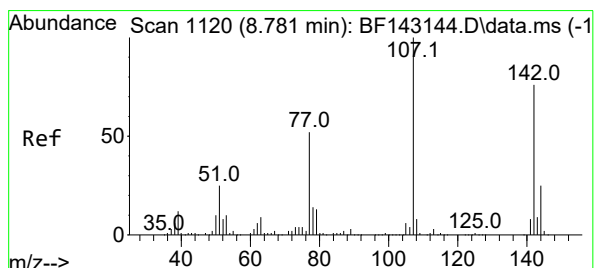
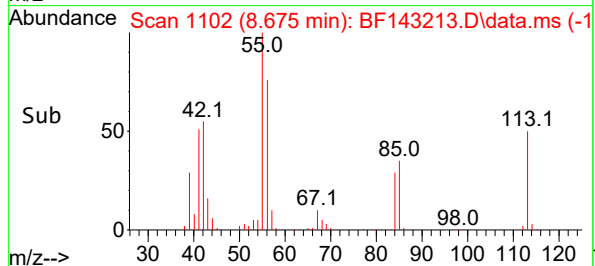
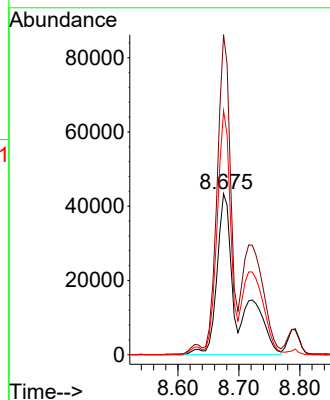
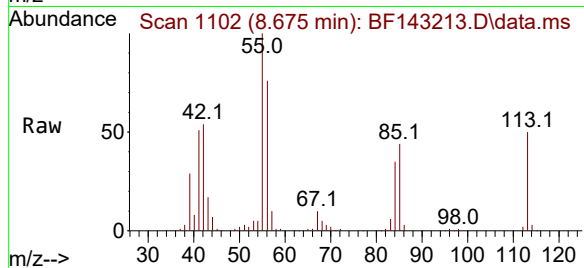
Reviewed By :Rahul Chavli 07/24/2025

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Upadhyay

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#36

4-Chloro-3-methylphenol

Concen: 45.686 ng

RT: 8.792 min Scan# 1122

Delta R.T. 0.012 min

Lab File: BF143213.D

Acq: 23 Jul 2025 16:00

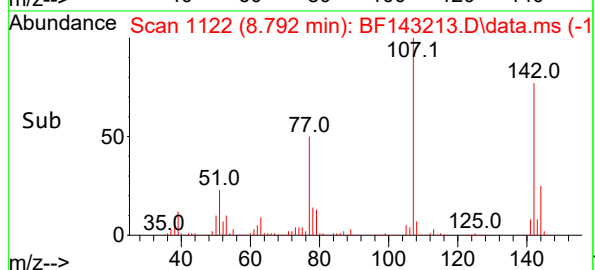
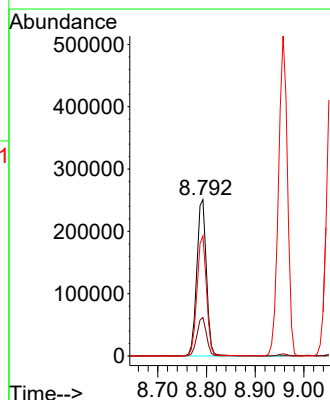
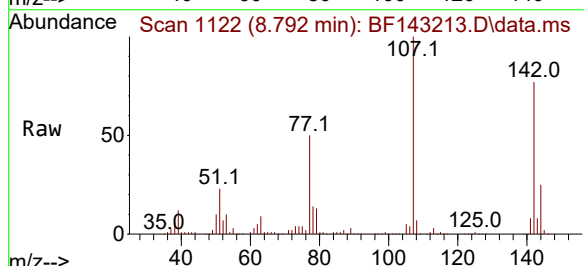
Tgt Ion:107 Resp: 348866

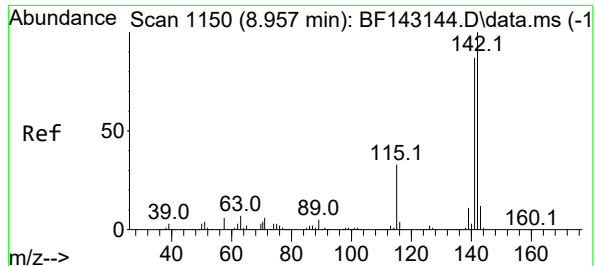
Ion Ratio Lower Upper

107 100

144 24.6 19.8 29.6

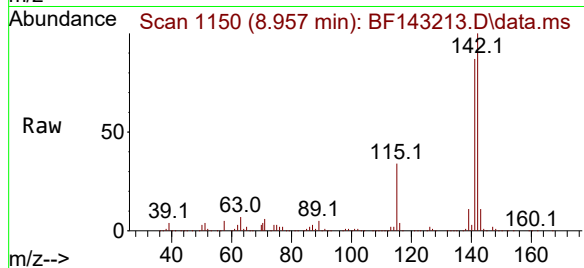
142 76.8 60.6 90.8





#37
2-Methylnaphthalene
Concen: 43.644 ng
RT: 8.957 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

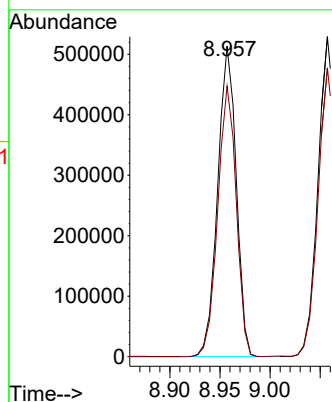
Instrument :
BNA_F
ClientSampleId :
PB168954BS



Tgt Ion:142 Resp: 65853
Ion Ratio Lower Upper
142 100
141 87.1 69.9 104.9

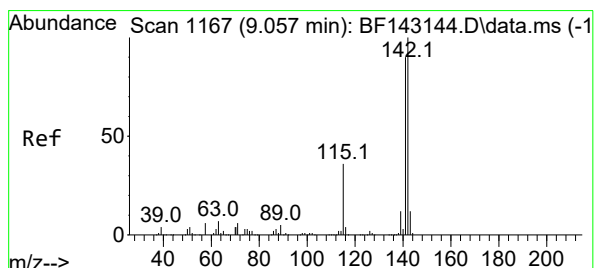
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Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025



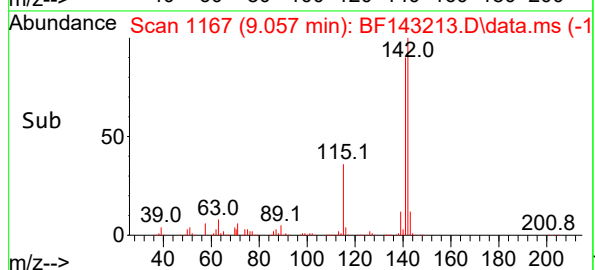
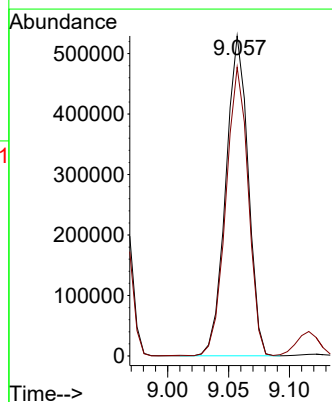
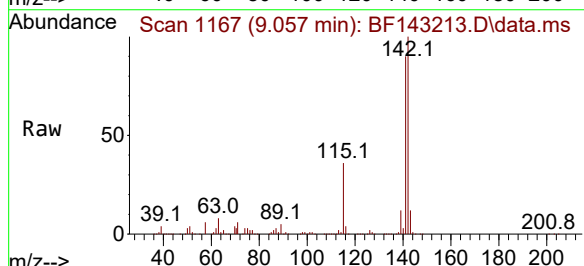
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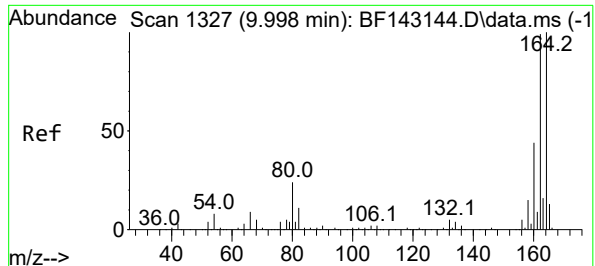
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#38
1-Methylnaphthalene
Concen: 43.462 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion:142 Resp: 675295
Ion Ratio Lower Upper
142 100
141 90.3 72.3 108.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.004 min Scan# 1178

Delta R.T. 0.006 min

Lab File: BF143213.D

Acq: 23 Jul 2025 16:00

Instrument :

BNA_F

ClientSampleId :

PB168954BS

Tgt Ion:164 Resp: 26518

Ion Ratio Lower Upper

164 100

162 100.2 79.0 118.6

160 43.9 35.1 52.7

Manual Integrations

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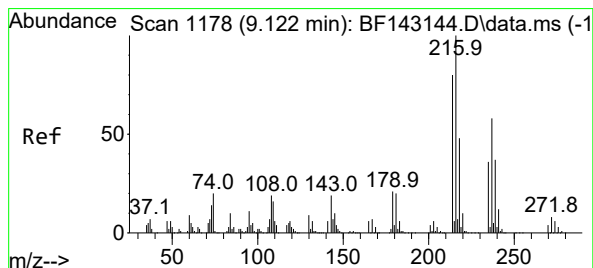
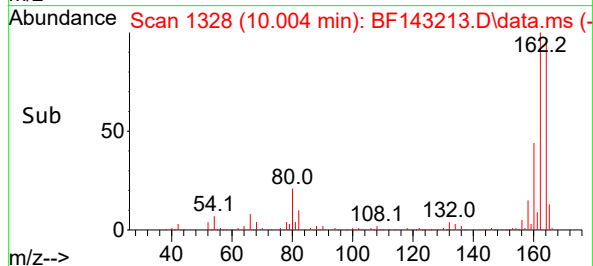
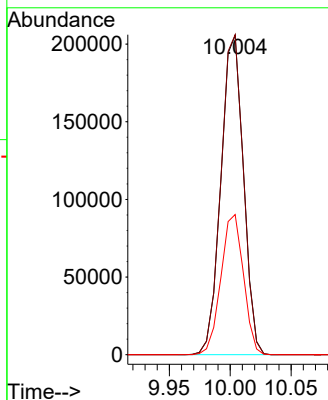
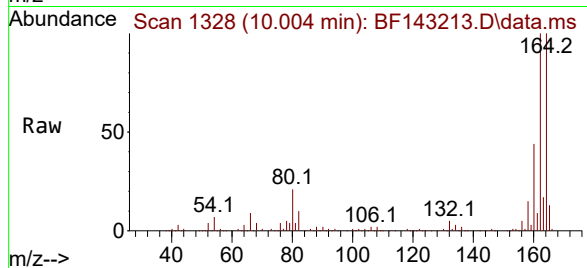
Reviewed By :Rahul Chavli 07/24/2025

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Upadhyay

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.961 ng

RT: 9.128 min Scan# 1179

Delta R.T. 0.006 min

Lab File: BF143213.D

Acq: 23 Jul 2025 16:00

Tgt Ion:216 Resp: 321264

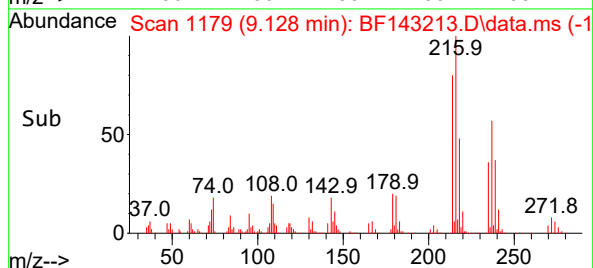
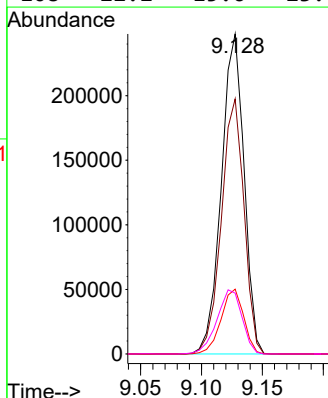
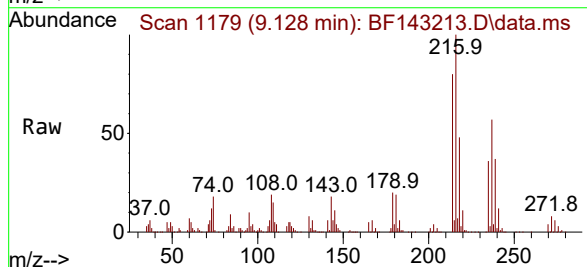
Ion Ratio Lower Upper

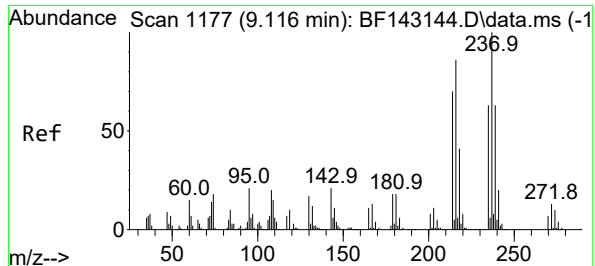
216 100

214 79.4 63.8 95.8

179 20.3 16.4 24.6

108 22.2 15.6 23.4





#41

Hexachlorocyclopentadiene

Concen: 89.952 ng

RT: 9.116 min Scan# 1177

Delta R.T. 0.000 min

Lab File: BF143213.D

Acq: 23 Jul 2025 16:00

Instrument :

BNA_F

ClientSampleId :

PB168954BS

Tgt Ion:237 Resp: 44811

Ion Ratio Lower Upper

237 100

235 63.4 43.0 83.0

272 13.4 0.0 33.3

Manual Integrations

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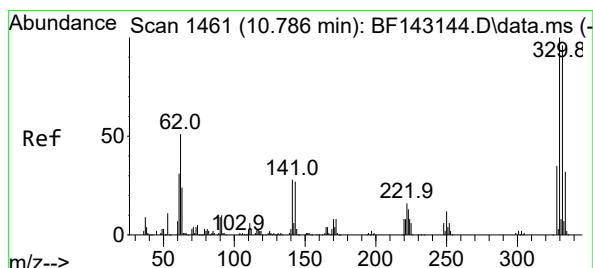
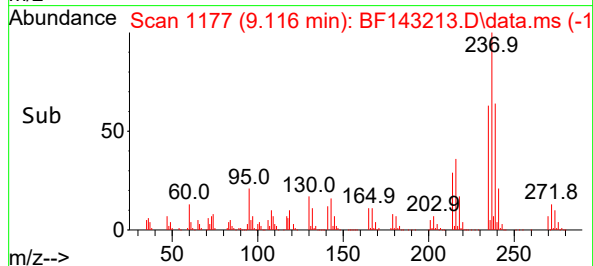
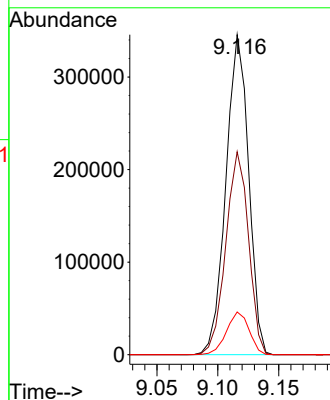
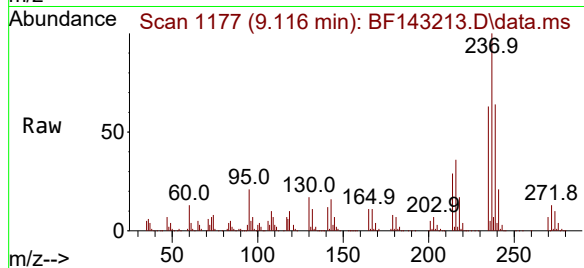
Reviewed By :Rahul Chavli 07/24/2025

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Upadhyay

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#42

2,4,6-Tribromophenol

Concen: 125.615 ng

RT: 10.792 min Scan# 1462

Delta R.T. 0.006 min

Lab File: BF143213.D

Acq: 23 Jul 2025 16:00

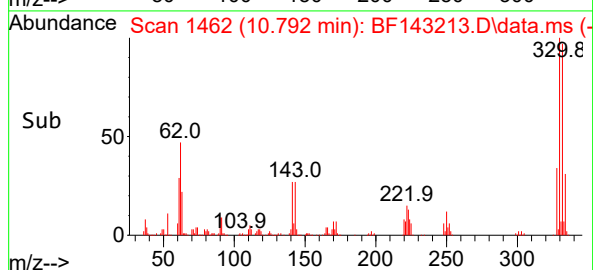
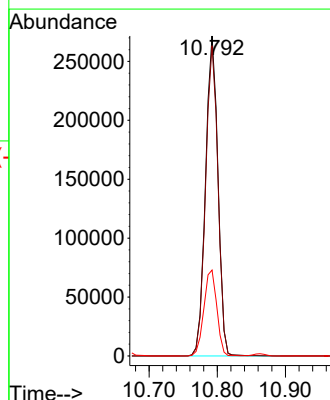
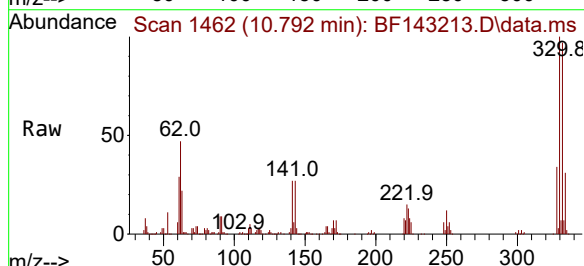
Tgt Ion:330 Resp: 344125

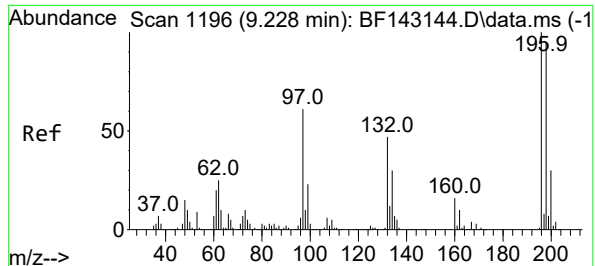
Ion Ratio Lower Upper

330 100

332 96.8 76.7 115.1

141 28.1 23.3 34.9





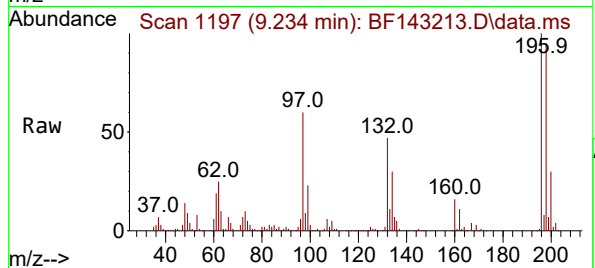
#43
2,4,6-Trichlorophenol
Concen: 44.718 ng
RT: 9.234 min Scan# 1196
Delta R.T. 0.006 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Instrument :

BNA_F

ClientSampleId :

PB168954BS



Tgt Ion:196 Resp: 236950
Ion Ratio Lower Upper
196 100
198 95.3 76.2 114.2
200 30.5 23.9 35.9

Manual Integrations

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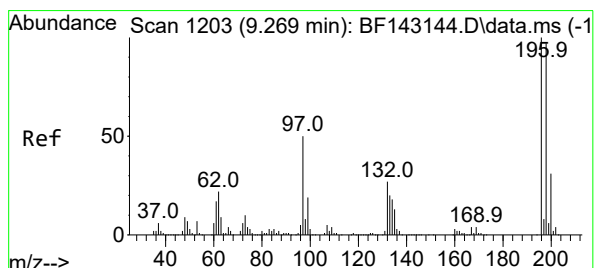
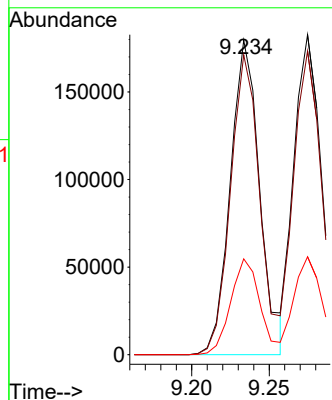
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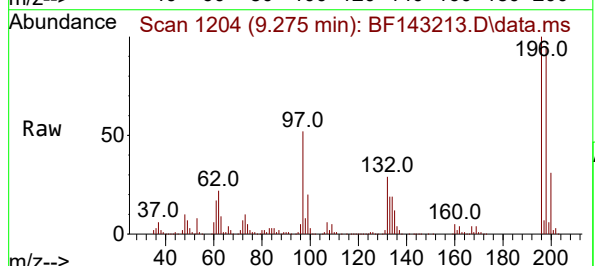
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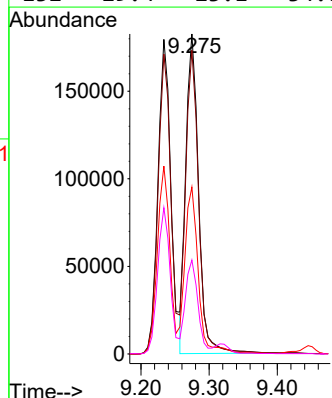
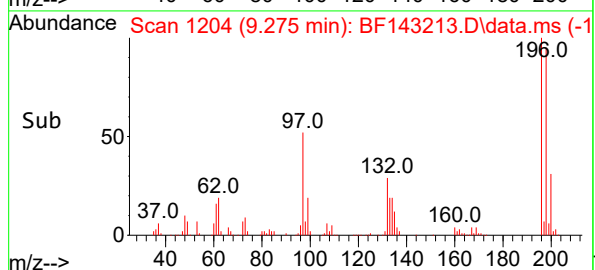
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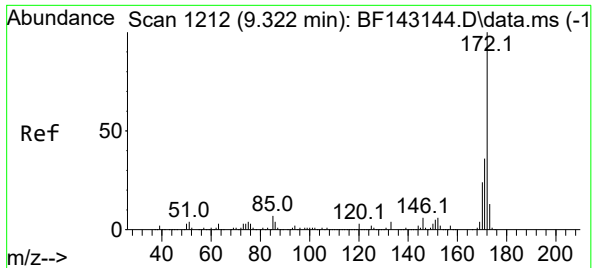


#44
2,4,5-Trichlorophenol
Concen: 44.660 ng
RT: 9.275 min Scan# 1204
Delta R.T. 0.006 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00



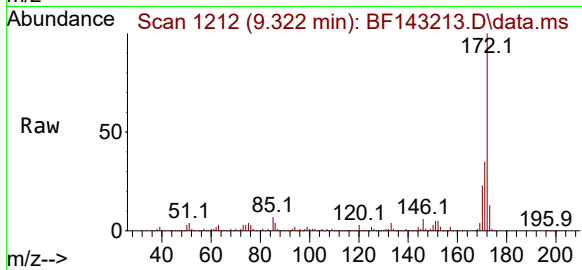
Tgt Ion:196 Resp: 236712
Ion Ratio Lower Upper
196 100
198 94.9 77.3 115.9
97 52.2 40.3 60.5
132 29.4 23.1 34.7





#45
2-Fluorobiphenyl
Concen: 76.072 ng
RT: 9.322 min Scan# 1212
Delta R.T. 0.000 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Instrument :
BNA_F
ClientSampleId :
PB168954BS



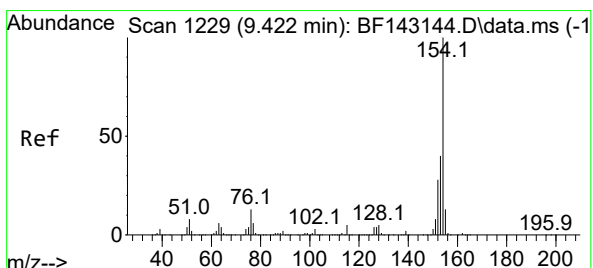
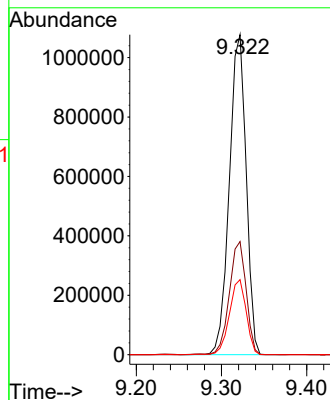
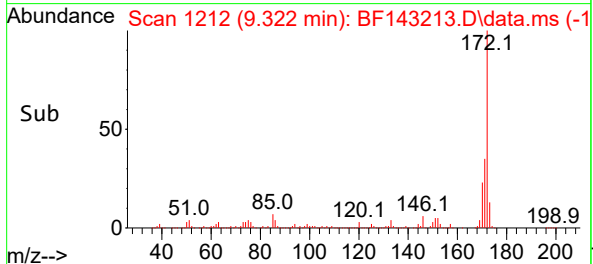
Tgt Ion:172 Resp: 1475069
Ion Ratio Lower Upper
172 100
171 35.3 28.6 42.8
170 23.5 18.8 28.2

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Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

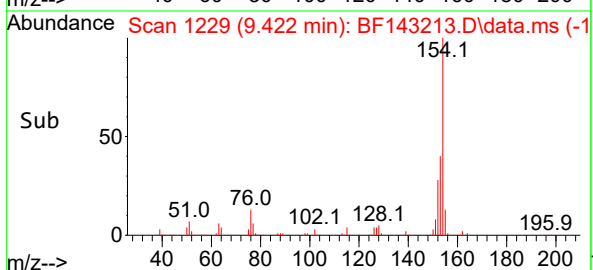
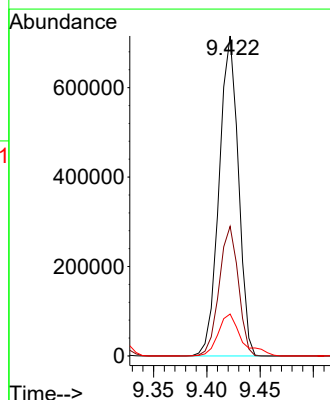
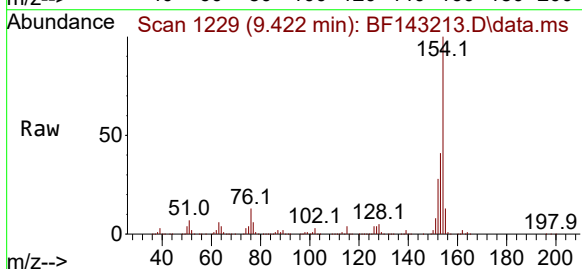
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Supervised By :Jagrut
Upadhyay

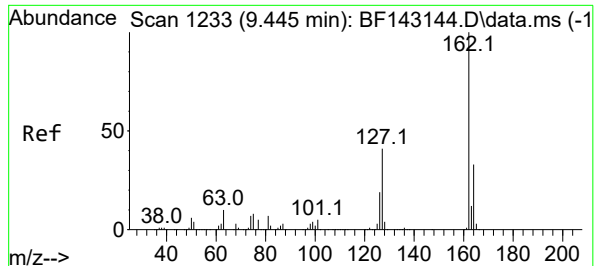
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#46
1,1'-Biphenyl
Concen: 43.351 ng
RT: 9.422 min Scan# 1229
Delta R.T. 0.000 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion:154 Resp: 896929
Ion Ratio Lower Upper
154 100
153 40.5 20.3 60.3
76 13.1 0.0 33.3





#47

2-Chloronaphthalene

Concen: 42.952 ng

RT: 9.445 min Scan# 1233

Delta R.T. 0.000 min

Lab File: BF143213.D

Acq: 23 Jul 2025 16:00

Instrument :

BNA_F

ClientSampleId :

PB168954BS

Tgt Ion:162 Resp: 657554

Ion Ratio Lower Upper

162 100

127 41.5 33.4 50.2

164 32.6 26.2 39.2

Manual Integrations

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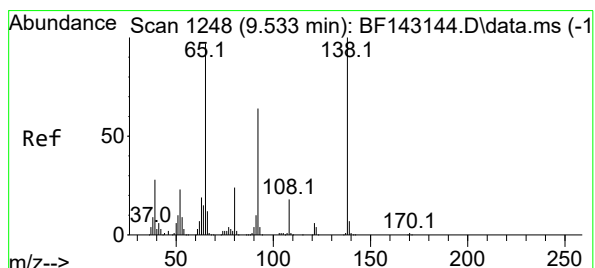
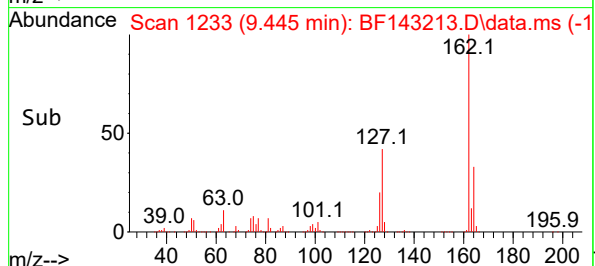
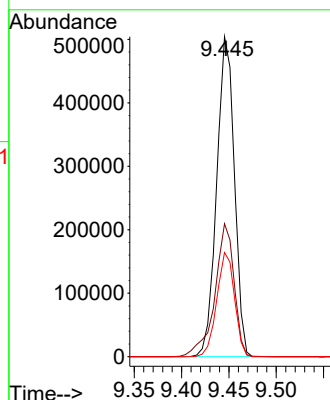
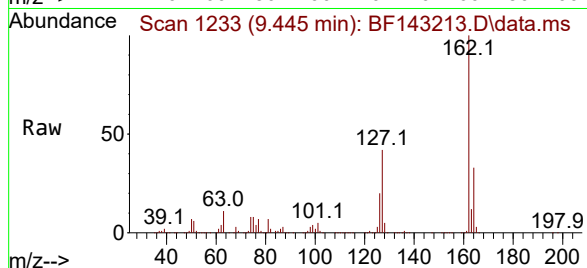
Reviewed By :Rahul Chavli 07/24/2025

Supervised By :Jagrut Upadhyay 07/24/2025

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Supervised By :Jagrut
Upadhyay

07/24/2025



#48

2-Nitroaniline

Concen: 48.027 ng

RT: 9.534 min Scan# 1248

Delta R.T. 0.000 min

Lab File: BF143213.D

Acq: 23 Jul 2025 16:00

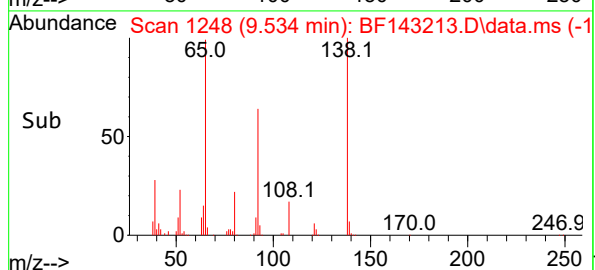
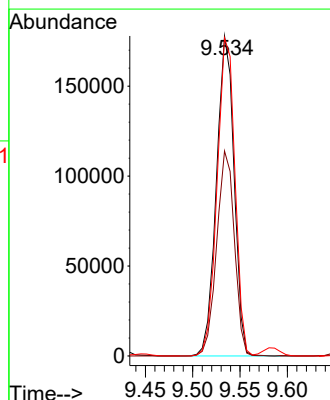
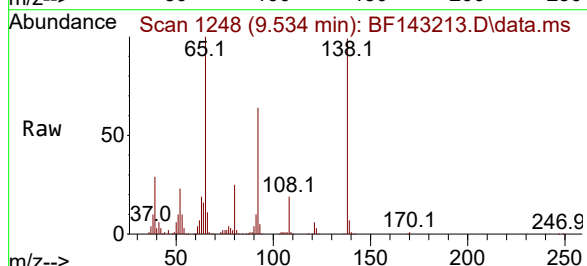
Tgt Ion: 65 Resp: 230570

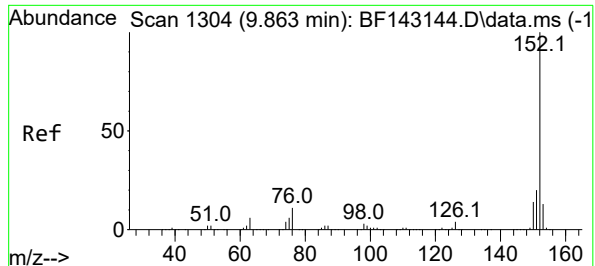
Ion Ratio Lower Upper

65 100

92 64.1 52.4 78.6

138 99.4 82.3 123.5





#49

Acenaphthylene

Concen: 43.414 ng

RT: 9.863 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF143213.D

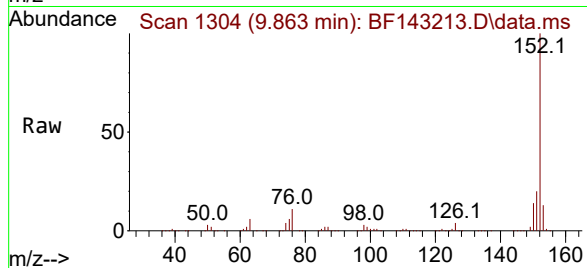
Acq: 23 Jul 2025 16:00

Instrument :

BNA_F

ClientSampleId :

PB168954BS



Tgt Ion:152 Resp: 111381

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.2

153 13.3 10.6 16.0

Manual Integrations

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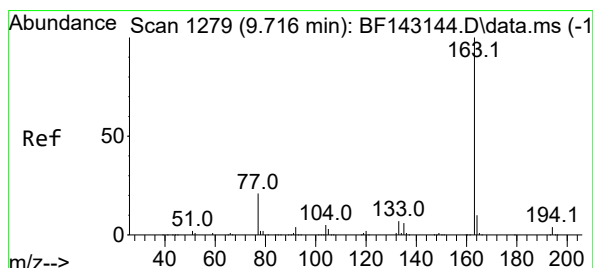
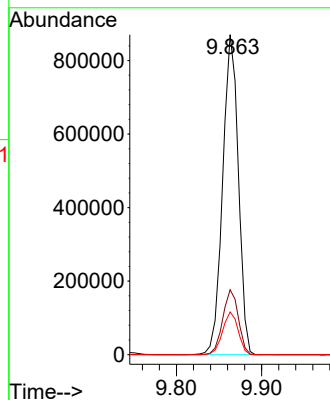
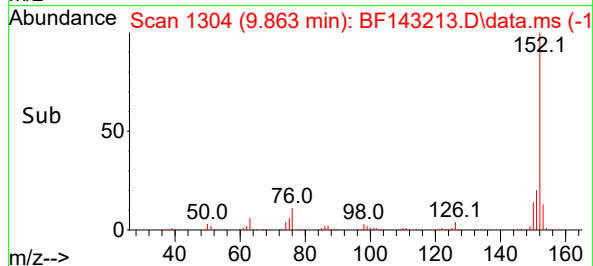
Reviewed By :Rahul Chavli 07/24/2025

Supervised By :Jagrut Upadhyay 07/24/2025

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Upadhyay

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#50

Dimethylphthalate

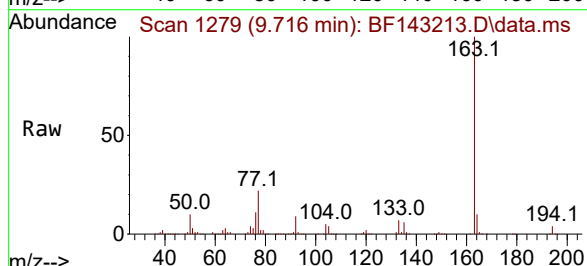
Concen: 45.483 ng

RT: 9.716 min Scan# 1279

Delta R.T. 0.000 min

Lab File: BF143213.D

Acq: 23 Jul 2025 16:00



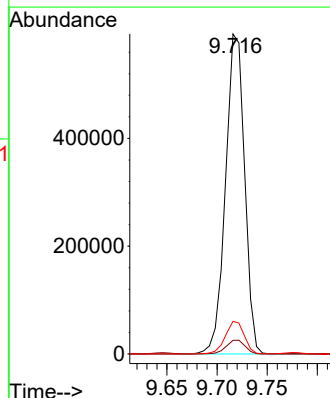
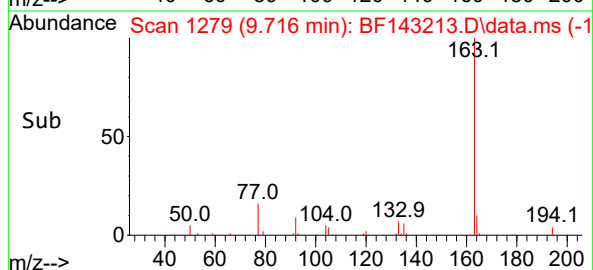
Tgt Ion:163 Resp: 786201

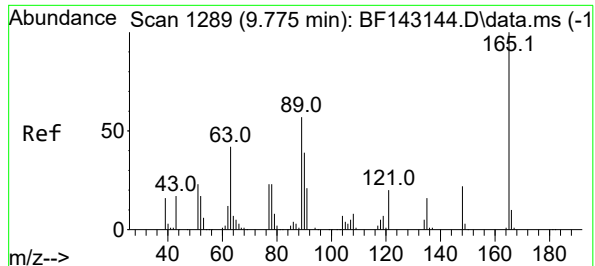
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

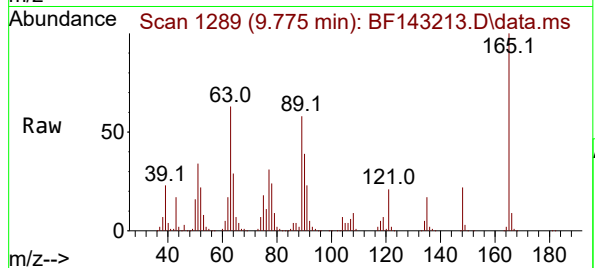
164 10.2 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 49.290 ng
RT: 9.775 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Instrument :
BNA_F
ClientSampleId :
PB168954BS



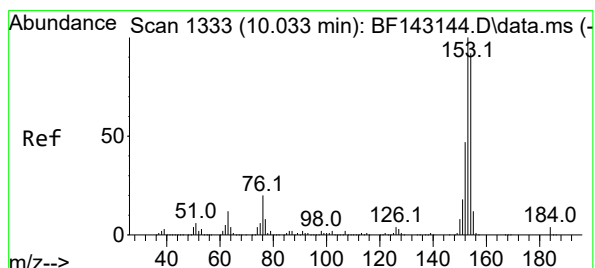
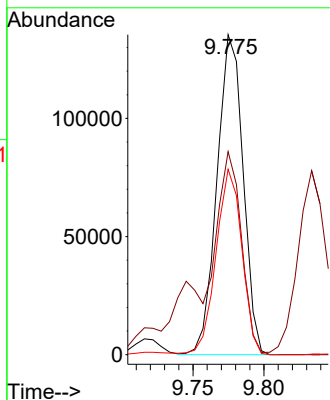
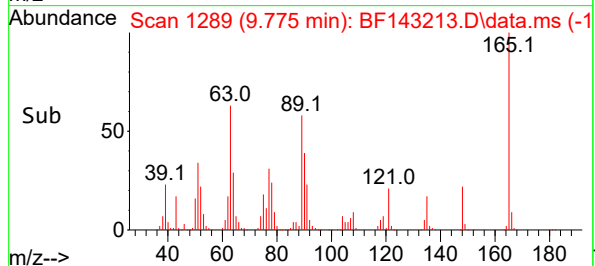
Tgt Ion:165 Resp: 17332
Ion Ratio Lower Upper
165 100
63 63.5 49.4 74.2
89 58.0 46.2 69.2

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Supervised By :Jagrut Upadhyay 07/24/2025

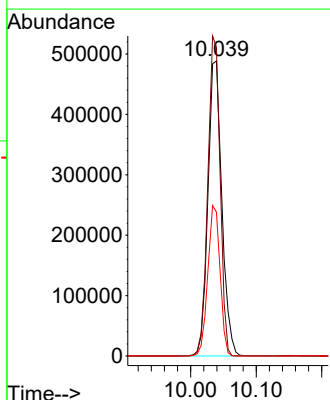
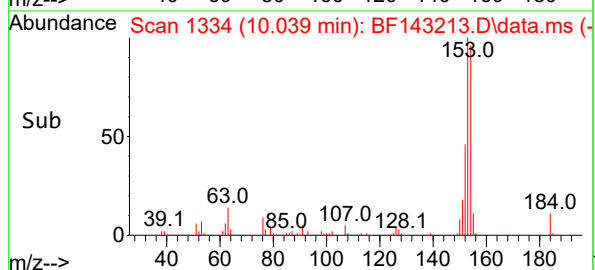
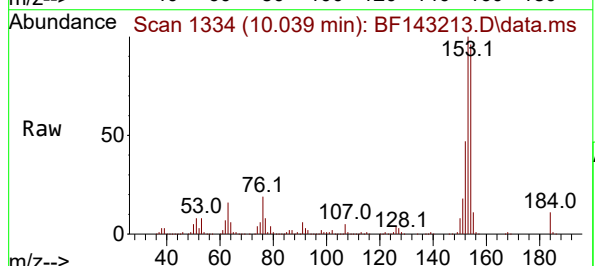
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Upadhyay

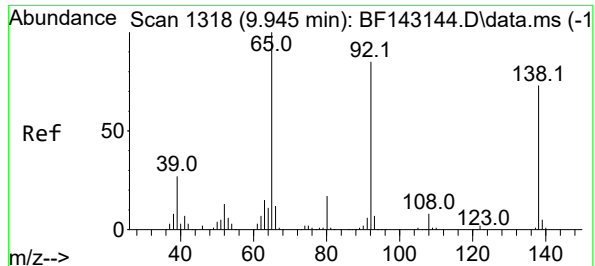
07/24/2025



#52
Acenaphthene
Concen: 47.611 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

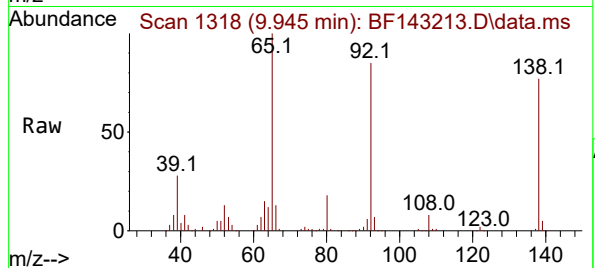
Tgt Ion:154 Resp: 721953
Ion Ratio Lower Upper
154 100
153 104.6 86.6 129.8
152 48.8 40.4 60.6





#53
3-Nitroaniline
Concen: 30.214 ng
RT: 9.945 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Instrument :
BNA_F
ClientSampleId :
PB168954BS



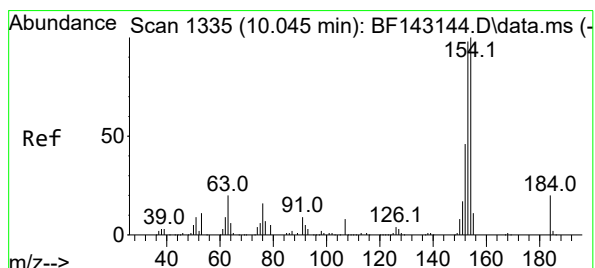
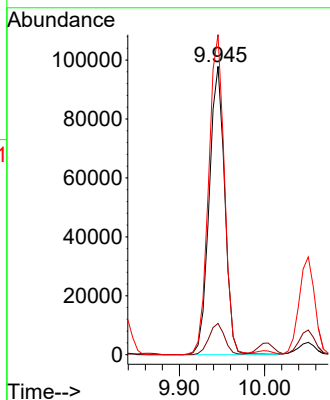
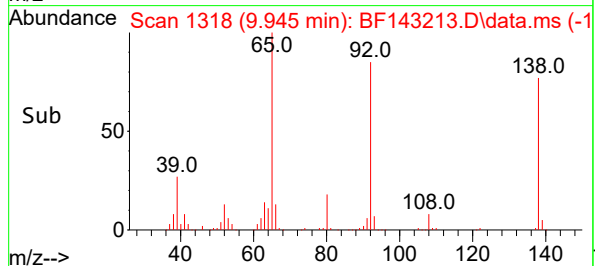
Tgt Ion:138 Resp: 124269
Ion Ratio Lower Upper
138 100
108 10.8 9.0 13.6
92 111.0 93.0 139.4

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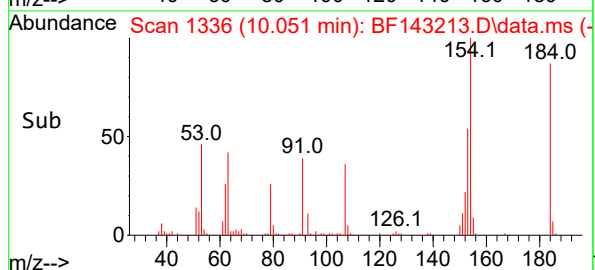
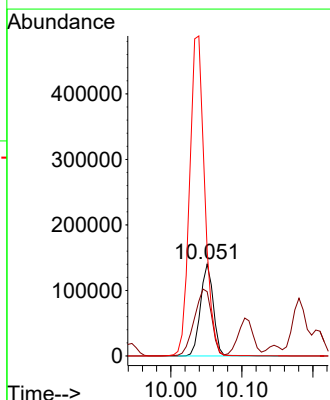
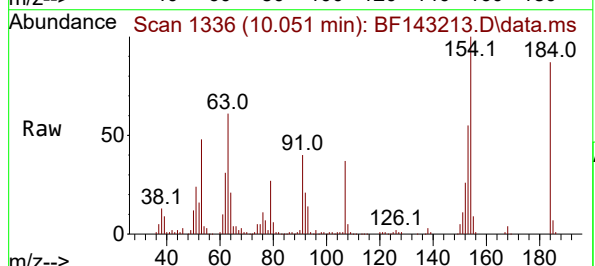
07/24/2025
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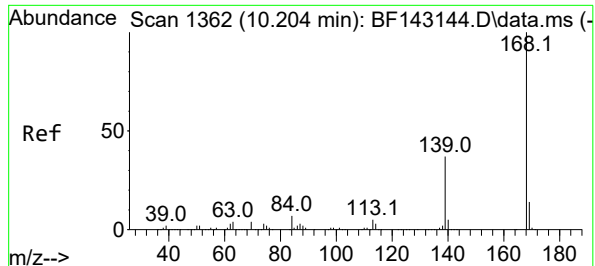
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#54
2,4-Dinitrophenol
Concen: 108.635 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion:184 Resp: 177281
Ion Ratio Lower Upper
184 100
63 69.9 81.8 122.6#
154 114.8 412.2 618.4#





#55

Dibenzenofuran

Concen: 42.884 ng

RT: 10.210 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF143213.D

Acq: 23 Jul 2025 16:00

Instrument :

BNA_F

ClientSampleId :

PB168954BS

Tgt Ion:168 Resp: 96544

Ion Ratio Lower Upper

168 100

139 37.1 29.5 44.3

169 13.5 10.9 16.3

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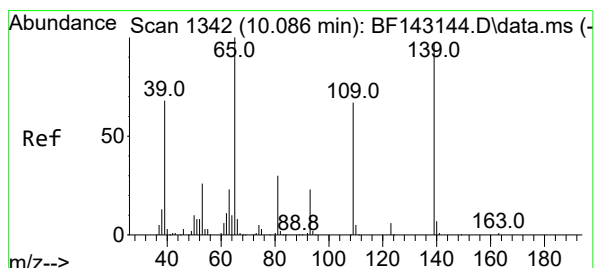
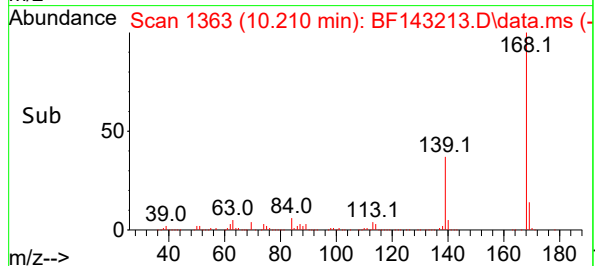
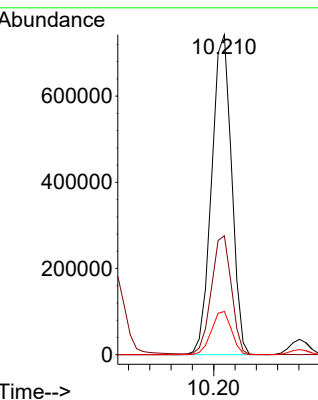
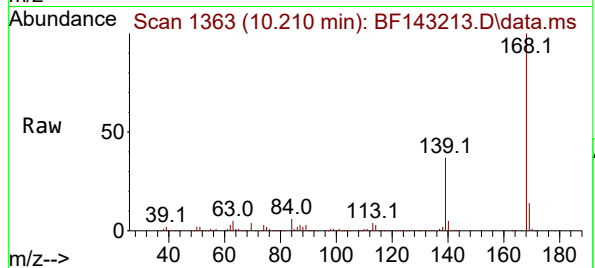
Reviewed By :Rahul Chavli 07/24/2025

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Upadhyay

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#56

4-Nitrophenol

Concen: 94.066 ng

RT: 10.104 min Scan# 1345

Delta R.T. 0.018 min

Lab File: BF143213.D

Acq: 23 Jul 2025 16:00

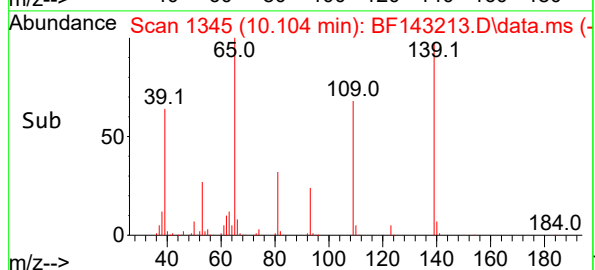
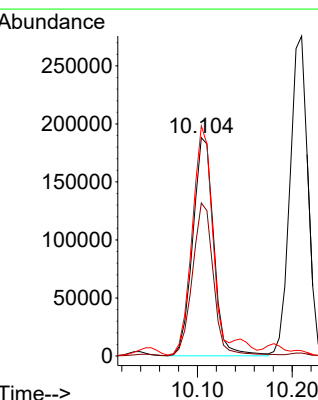
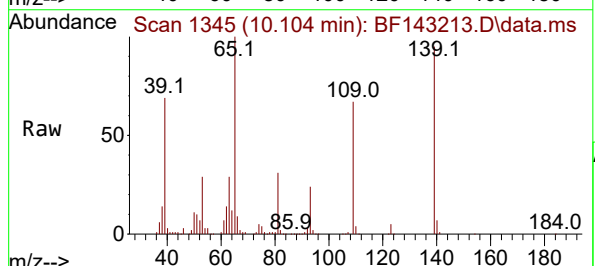
Tgt Ion:139 Resp: 288911

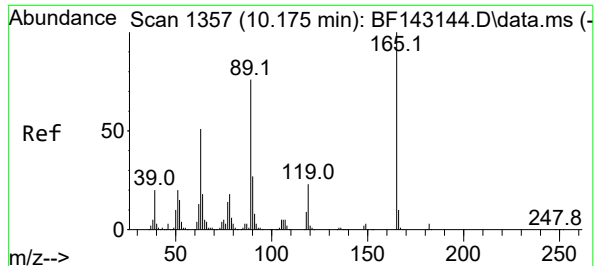
Ion Ratio Lower Upper

139 100

109 70.1 48.5 88.5

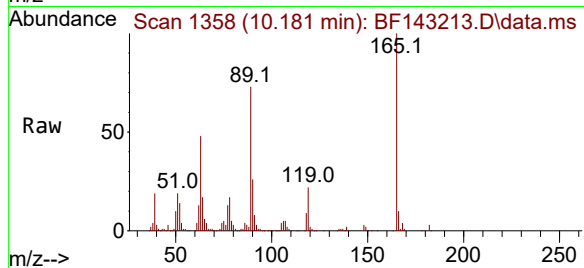
65 105.4 83.4 123.4





#57
2,4-Dinitrotoluene
Concen: 53.000 ng
RT: 10.181 min Scan# 1357
Delta R.T. 0.006 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Instrument :
BNA_F
ClientSampleId :
PB168954BS



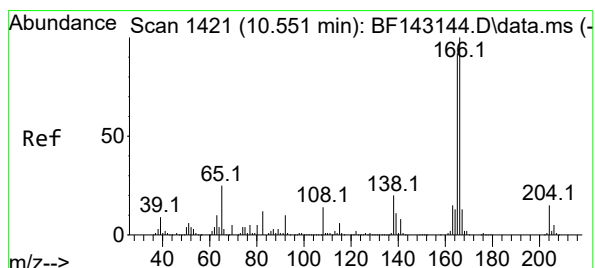
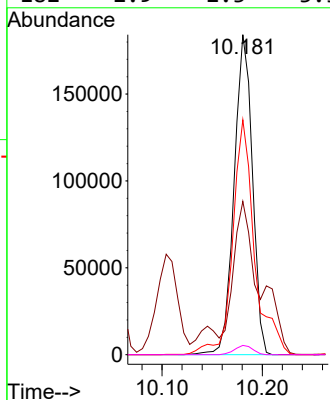
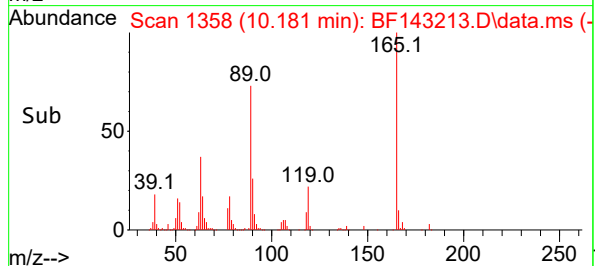
Tgt Ion:165 Resp: 23382
Ion Ratio Lower Upper
165 100
63 47.9 41.0 61.4
89 73.4 61.1 91.7
182 2.9 2.3 3.5

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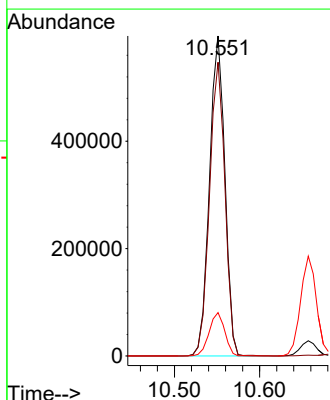
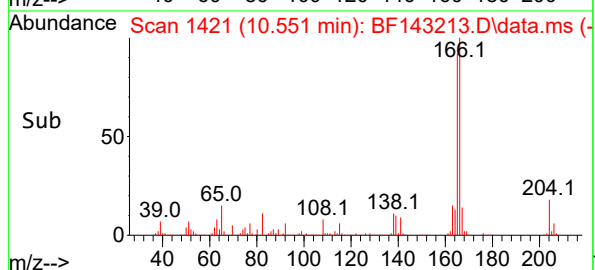
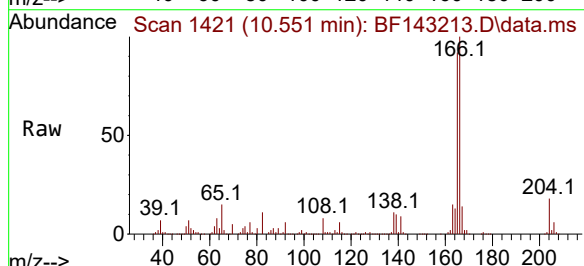
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Upadhyay

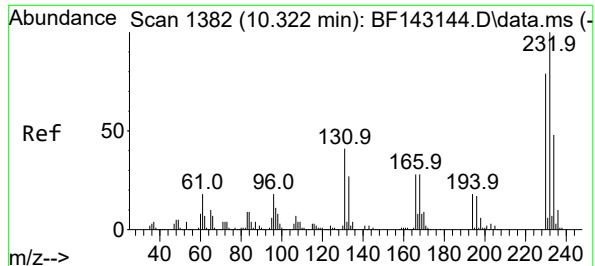
07/24/2025



#58
Fluorene
Concen: 44.223 ng
RT: 10.551 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion:166 Resp: 747219
Ion Ratio Lower Upper
166 100
165 91.8 73.7 110.5
167 13.6 10.6 16.0





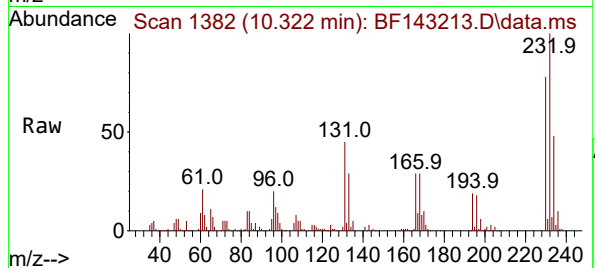
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.109 ng
RT: 10.322 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Instrument :

BNA_F

ClientSampleId :

PB168954BS



Tgt Ion:232 Resp: 189271
Ion Ratio Lower Upper
232 100
131 43.1 35.3 52.9
130 2.2 1.7 2.5
166 28.2 23.4 35.2

Manual Integrations

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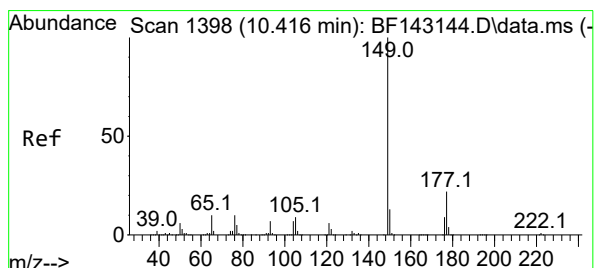
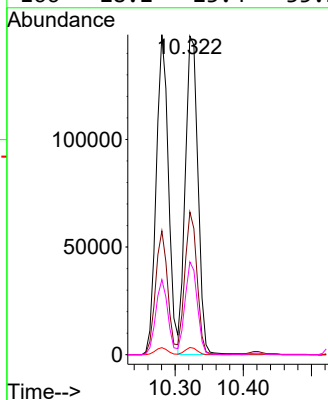
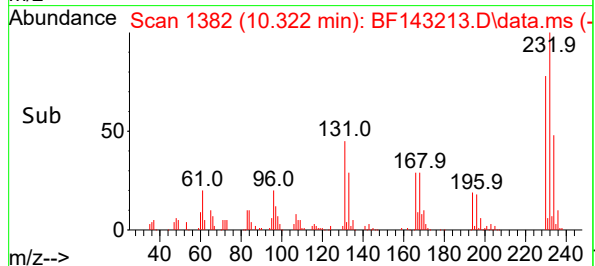
Reviewed By :Rahul Chavli 07/24/2025

Supervised By :Jagrut Upadhyay 07/24/2025

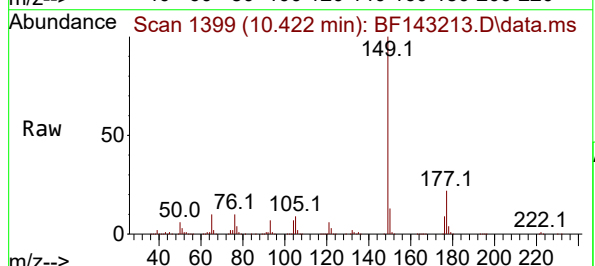
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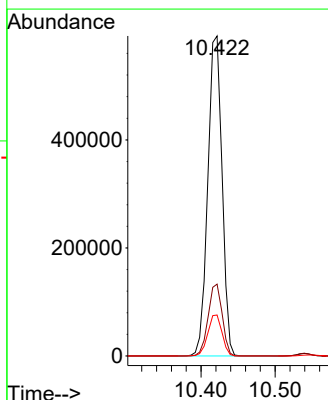
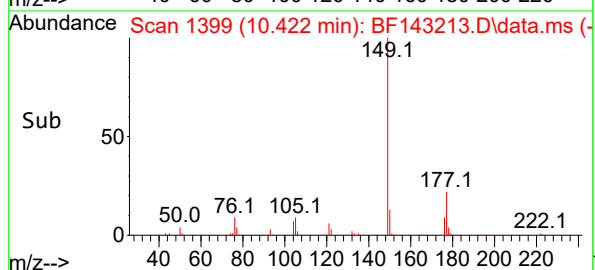
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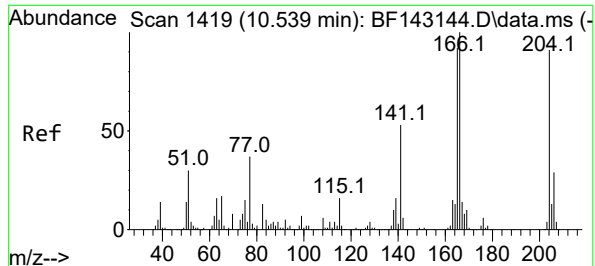


#60
Diethylphthalate
Concen: 46.227 ng
RT: 10.422 min Scan# 1399
Delta R.T. 0.006 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00



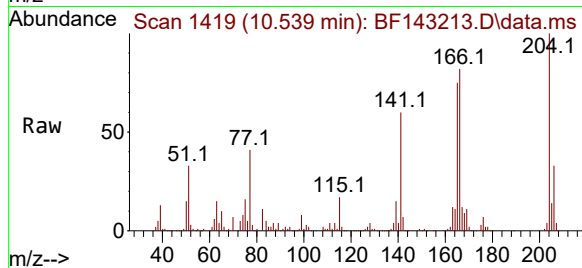
Tgt Ion:149 Resp: 789791
Ion Ratio Lower Upper
149 100
177 22.5 17.5 26.3
150 12.8 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 44.515 ng
RT: 10.539 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Instrument :
BNA_F
ClientSampleId :
PB168954BS



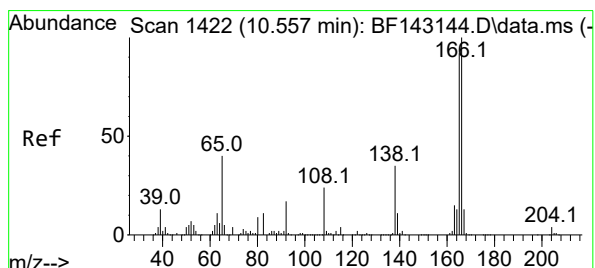
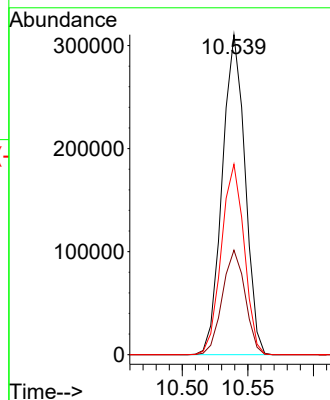
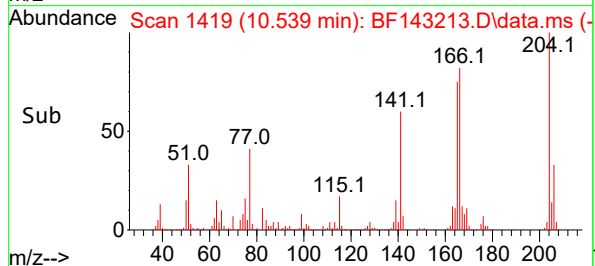
Tgt Ion:204 Resp: 37452
Ion Ratio Lower Upper
204 100
206 32.7 25.8 38.8
141 59.5 47.0 70.4

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Supervised By :Jagrut Upadhyay 07/24/2025

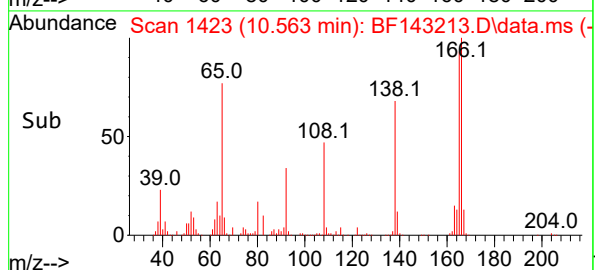
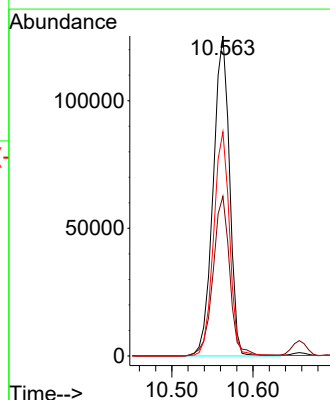
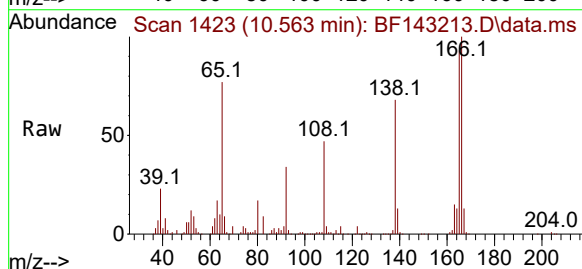
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Supervised By :Jagrut
Upadhyay

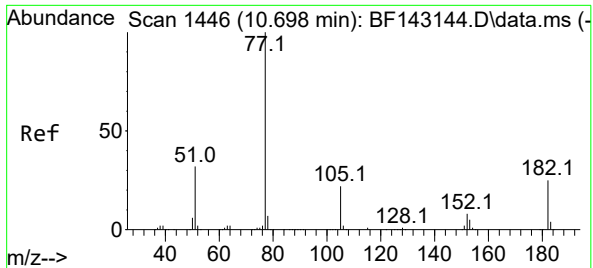
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#62
4-Nitroaniline
Concen: 49.717 ng
RT: 10.563 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

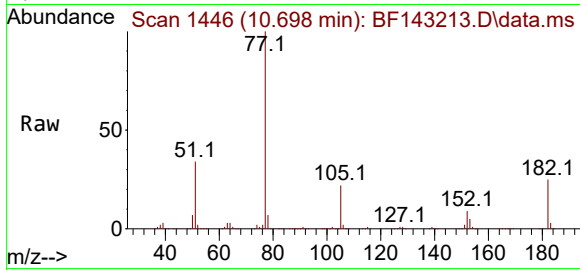
Tgt Ion:138 Resp: 175257
Ion Ratio Lower Upper
138 100
92 49.9 29.3 69.3
108 70.1 48.3 88.3





#63
Azobenzene
Concen: 43.824 ng
RT: 10.698 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Instrument :
BNA_F
ClientSampleId :
PB168954BS



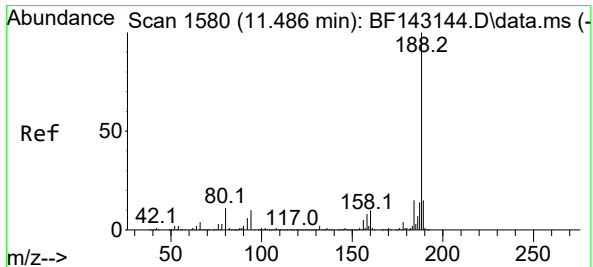
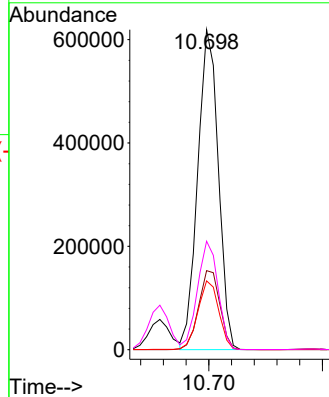
Tgt Ion: 77 Resp: 78036
Ion Ratio Lower Upper
77 100
182 24.7 4.6 44.6
105 21.5 1.4 41.4
51 33.9 13.7 53.7

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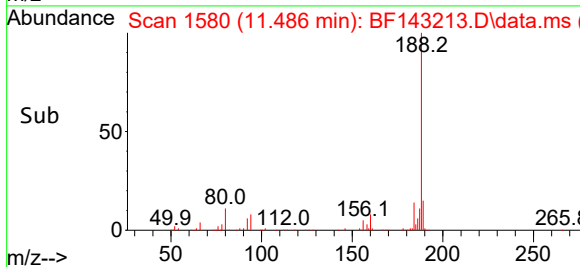
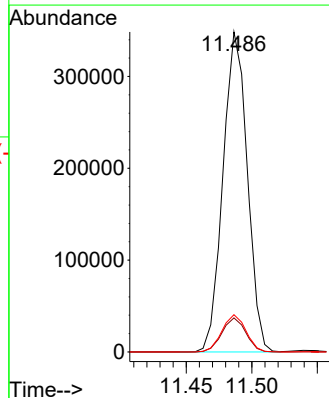
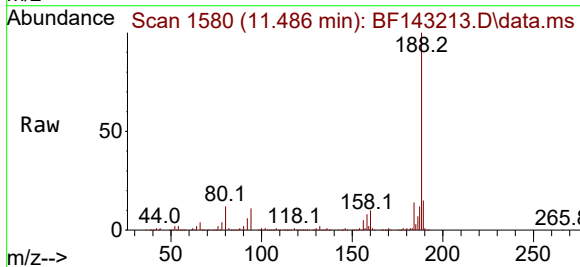
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Upadhyay

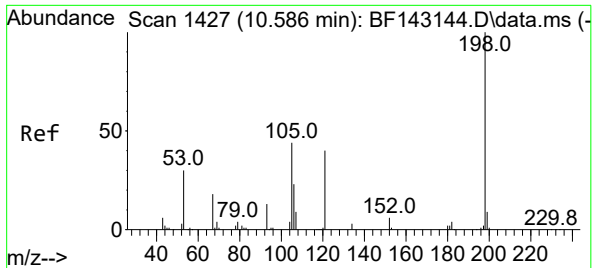
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

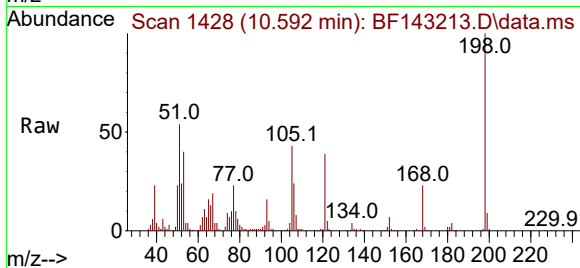
Tgt Ion:188 Resp: 449718
Ion Ratio Lower Upper
188 100
94 10.7 8.3 12.5
80 11.6 9.0 13.6





#65
4,6-Dinitro-2-methylphenol
Concen: 50.654 ng
RT: 10.592 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Instrument :
BNA_F
ClientSampleId :
PB168954BS



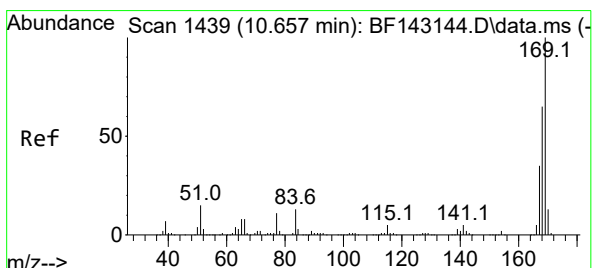
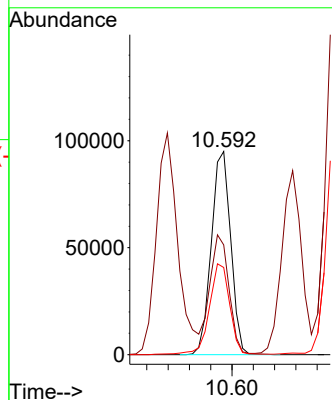
Tgt Ion:198 Resp: 120214
Ion Ratio Lower Upper
198 100
51 54.0 37.2 77.2
105 42.9 24.8 64.8

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Supervised By :Jagrut Upadhyay 07/24/2025

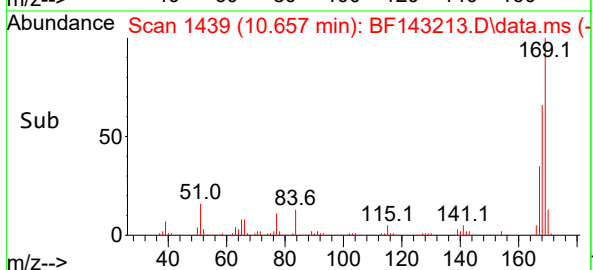
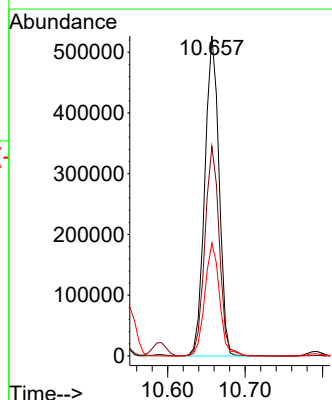
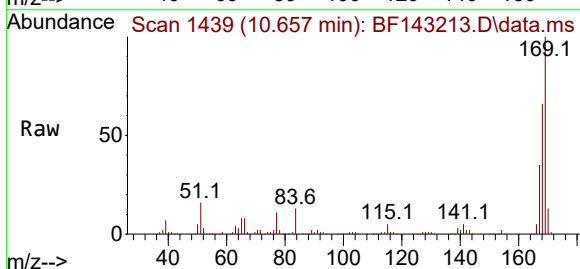
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Upadhyay

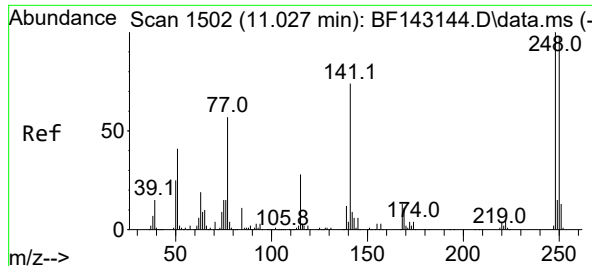
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#66
n-Nitrosodiphenylamine
Concen: 42.301 ng
RT: 10.657 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion:169 Resp: 669884
Ion Ratio Lower Upper
169 100
168 65.6 52.1 78.1
167 35.3 28.2 42.2





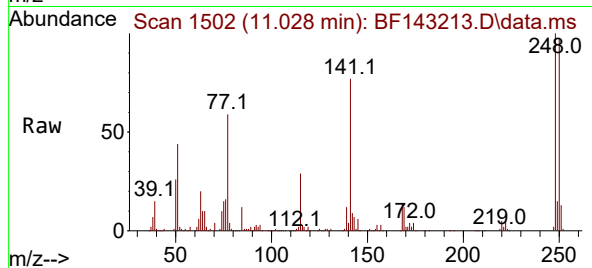
#67
4-Bromophenyl-phenylether
Concen: 43.481 ng
RT: 11.028 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Instrument :

BNA_F

ClientSampleId :

PB168954BS



Tgt Ion:248 Resp: 233035
Ion Ratio Lower Upper
248 100
250 96.7 78.3 117.5
141 76.9 59.2 88.8

Manual Integrations

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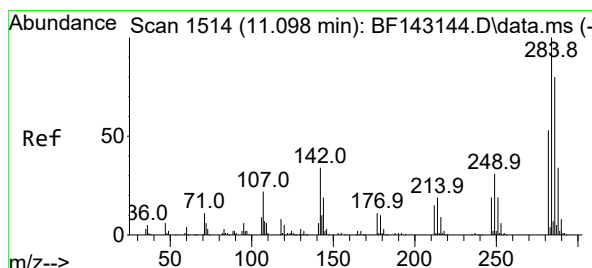
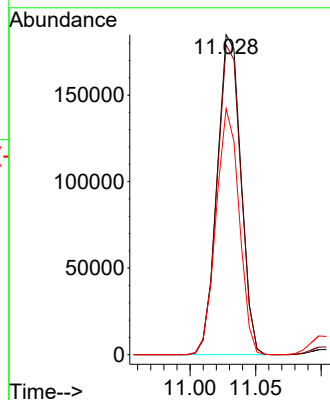
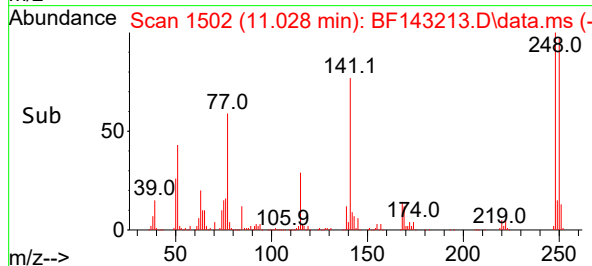
Reviewed By :Rahul Chavli 07/24/2025

Supervised By :Jagrut Upadhyay 07/24/2025

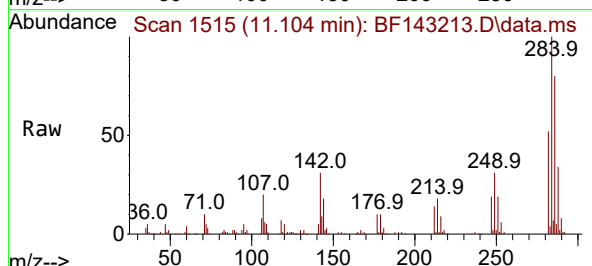
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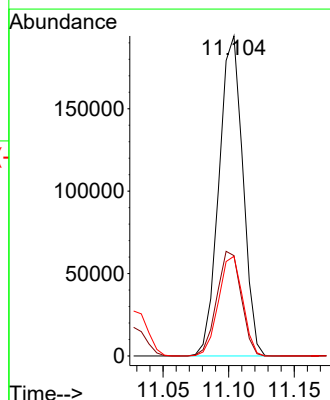
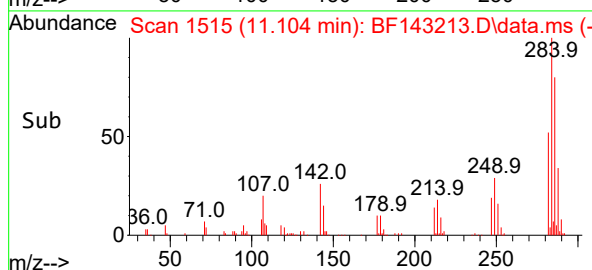
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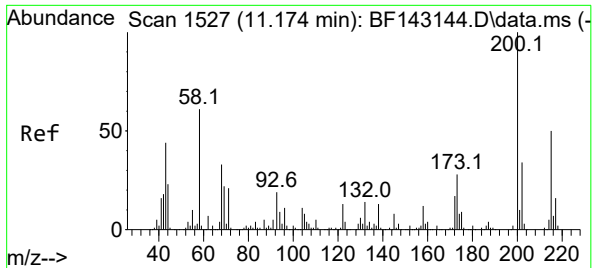


#68
Hexachlorobenzene
Concen: 43.886 ng
RT: 11.104 min Scan# 1515
Delta R.T. 0.006 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00



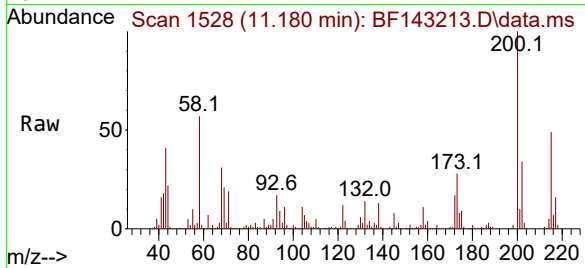
Tgt Ion:284 Resp: 245838
Ion Ratio Lower Upper
284 100
142 31.4 27.0 40.6
249 31.1 25.0 37.6





#69
Atrazine
Concen: 48.978 ng
RT: 11.180 min Scan# 1528
Delta R.T. 0.006 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Instrument :
BNA_F
ClientSampleId :
PB168954BS



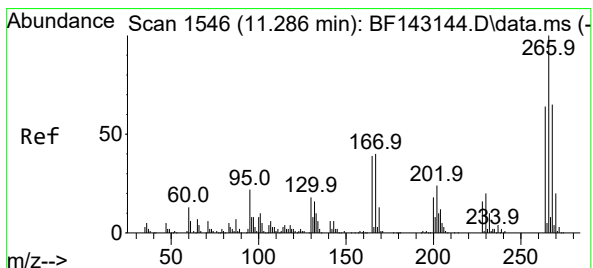
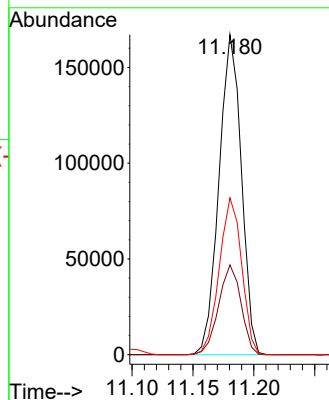
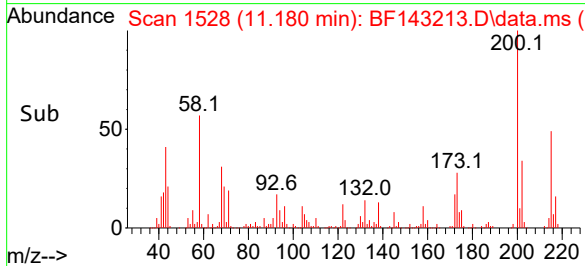
Tgt Ion:200 Resp: 213830
Ion Ratio Lower Upper
200 100
173 28.0 7.9 47.9
215 49.0 30.1 70.1

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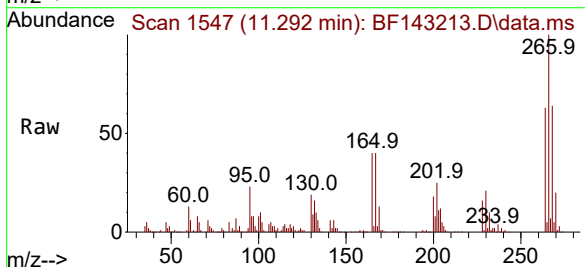
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

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Upadhyay

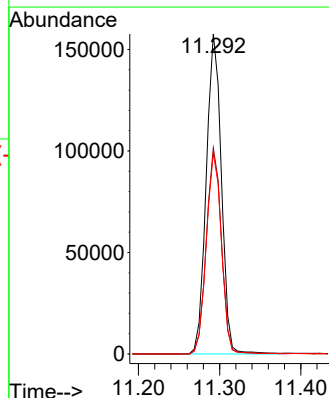
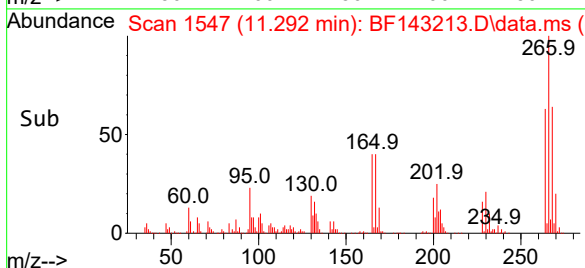
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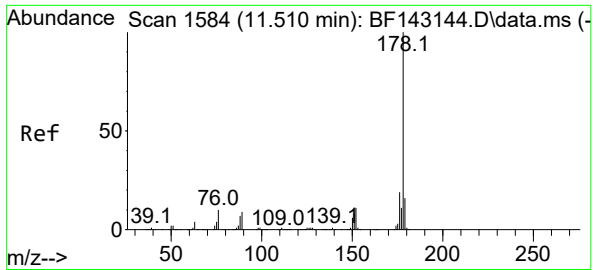


#70
Pentachlorophenol
Concen: 61.771 ng
RT: 11.292 min Scan# 1547
Delta R.T. 0.006 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00



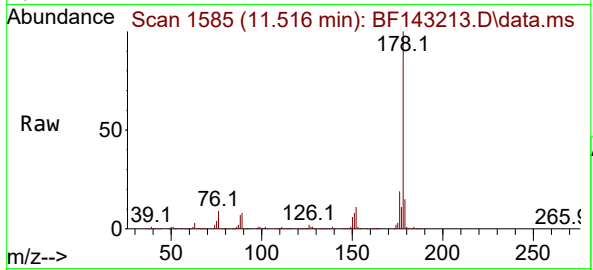
Tgt Ion:266 Resp: 203492
Ion Ratio Lower Upper
266 100
268 64.4 51.9 77.9
264 62.9 51.0 76.6





#71
Phenanthrene
Concen: 43.166 ng
RT: 11.516 min Scan# 1584
Delta R.T. 0.006 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Instrument :
BNA_F
ClientSampleId :
PB168954BS



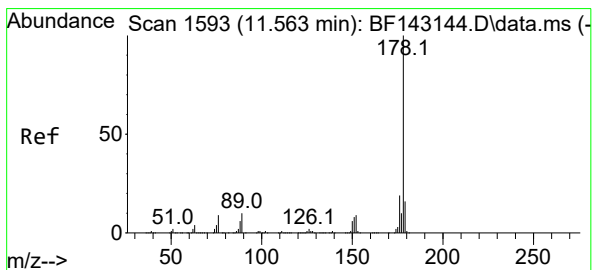
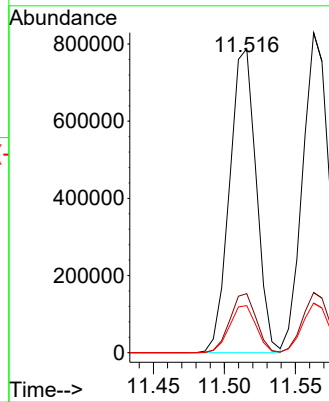
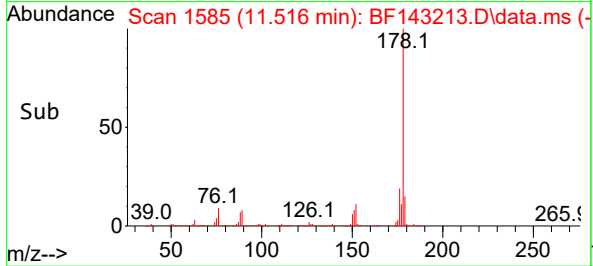
Tgt Ion:178 Resp: 1030740
Ion Ratio Lower Upper
178 100
176 19.4 15.3 22.9
179 15.5 12.5 18.7

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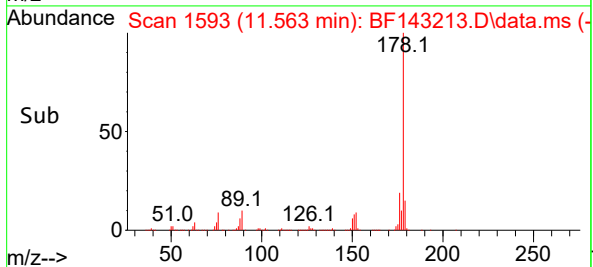
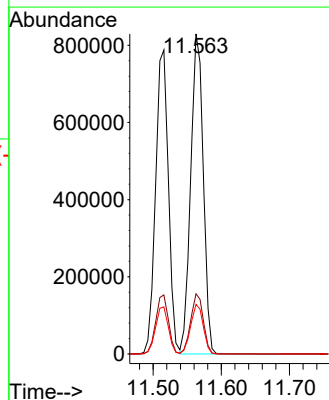
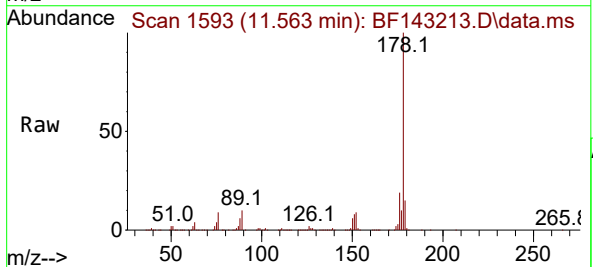
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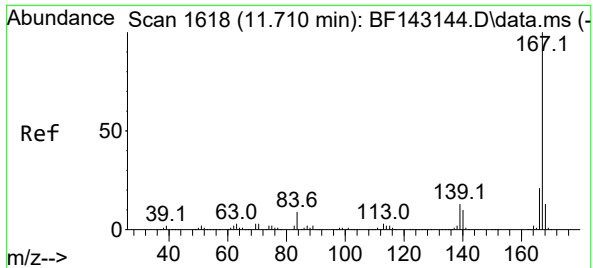
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#72
Anthracene
Concen: 43.525 ng
RT: 11.563 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

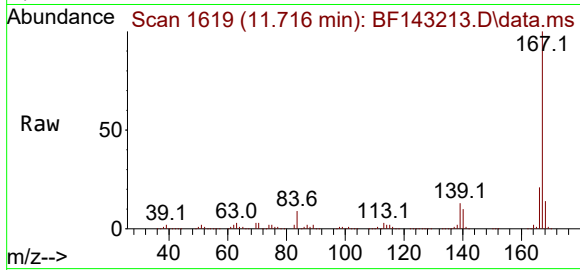
Tgt Ion:178 Resp: 1059988
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 15.5 12.5 18.7





#73
Carbazole
Concen: 44.456 ng
RT: 11.716 min Scan# 1619
Delta R.T. 0.006 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Instrument :
BNA_F
ClientSampleId :
PB168954BS



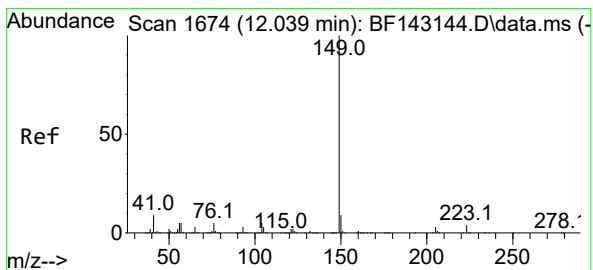
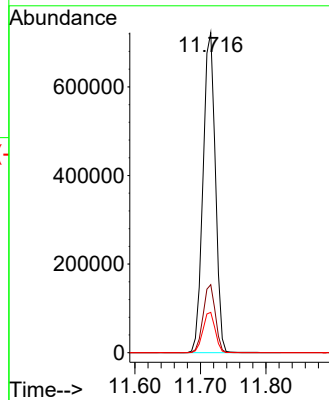
Tgt Ion:167 Resp: 945375
Ion Ratio Lower Upper
167 100
166 21.3 17.0 25.6
139 12.6 10.0 15.0

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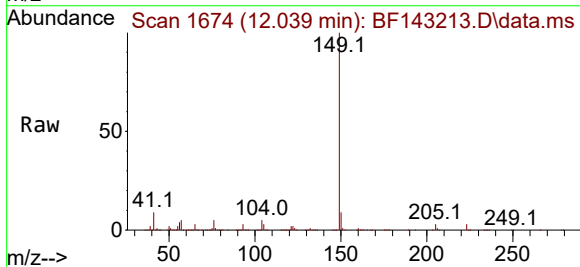
Reviewed By :Rahul Chavli 07/24/2025
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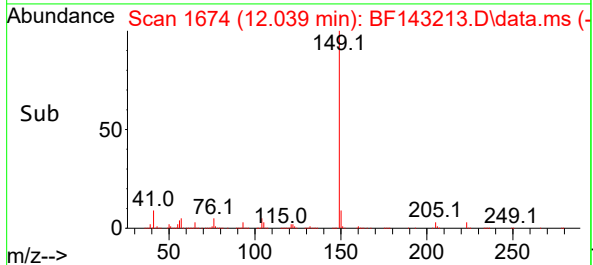
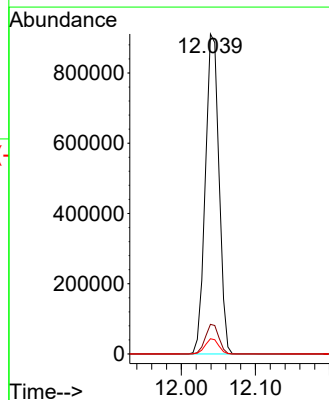
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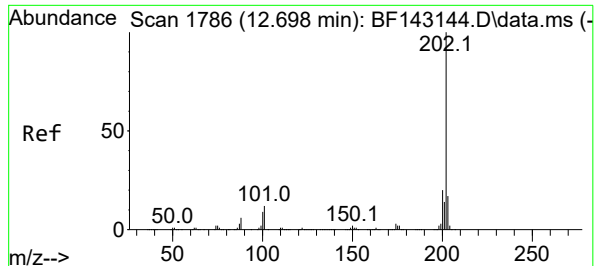


#74
Di-n-butylphthalate
Concen: 48.562 ng
RT: 12.039 min Scan# 1674
Delta R.T. 0.000 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00



Tgt Ion:149 Resp: 1168492
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.2
104 4.8 3.8 5.8





#75

Fluoranthene

Concen: 46.620 ng

RT: 12.698 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF143213.D

Acq: 23 Jul 2025 16:00

Instrument :

BNA_F

ClientSampleId :

PB168954BS

Tgt Ion:202 Resp: 102179

Ion Ratio Lower Upper

202 100

101 12.0 0.0 31.7

203 17.7 0.0 37.4

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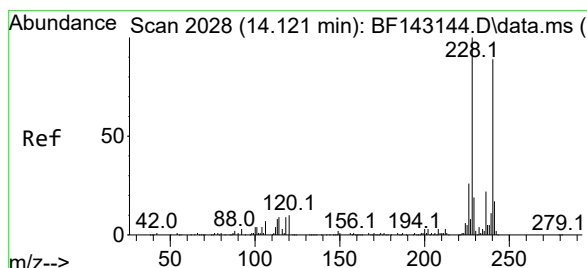
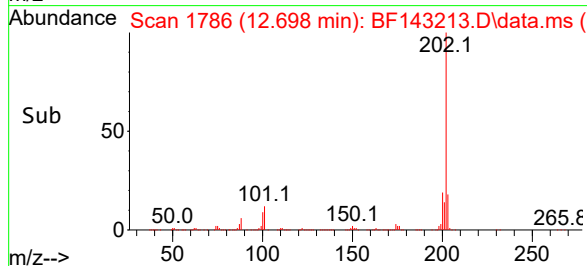
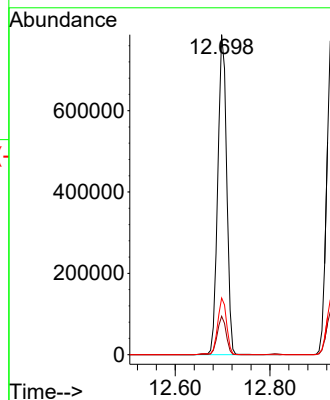
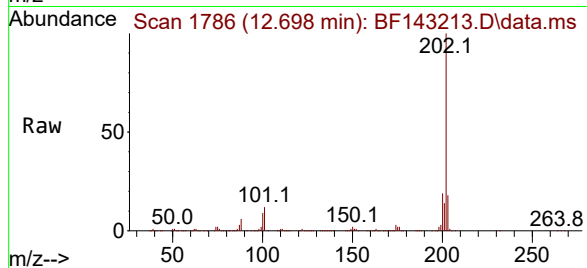
Reviewed By :Rahul Chavli 07/24/2025

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Upadhyay

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#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.127 min Scan# 2029

Delta R.T. 0.006 min

Lab File: BF143213.D

Acq: 23 Jul 2025 16:00

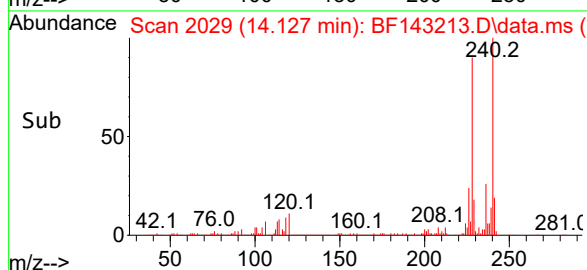
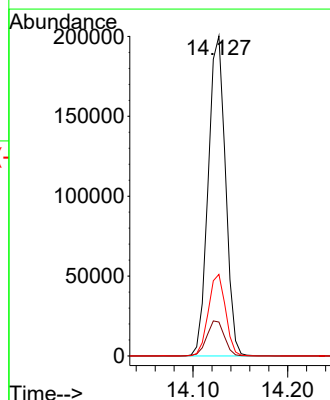
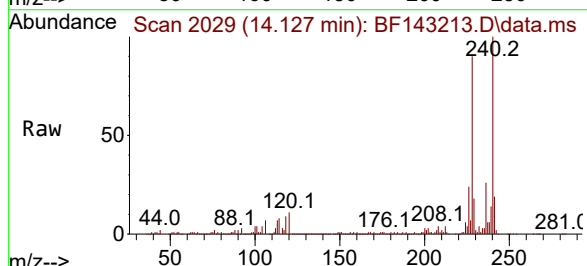
Tgt Ion:240 Resp: 253510

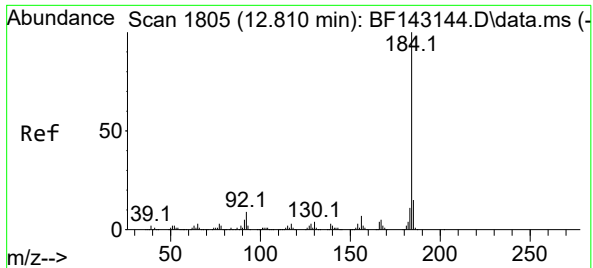
Ion Ratio Lower Upper

240 100

120 10.6 9.4 14.2

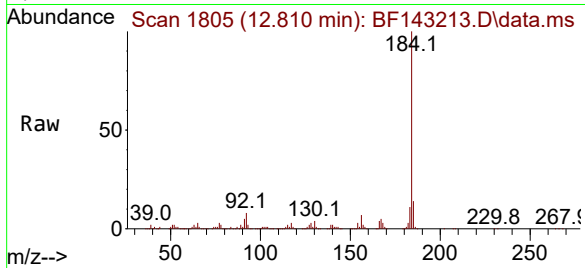
236 25.5 20.2 30.4





#77
Benzidine
Concen: 44.091 ng
RT: 12.810 min Scan# 1805
Delta R.T. -0.000 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Instrument :
BNA_F
ClientSampleId :
PB168954BS



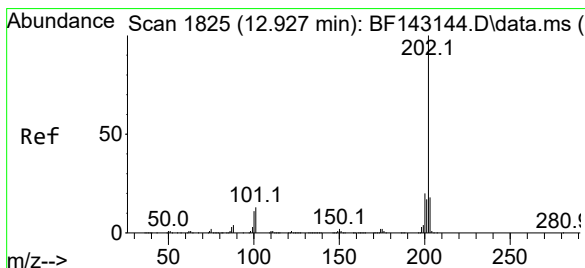
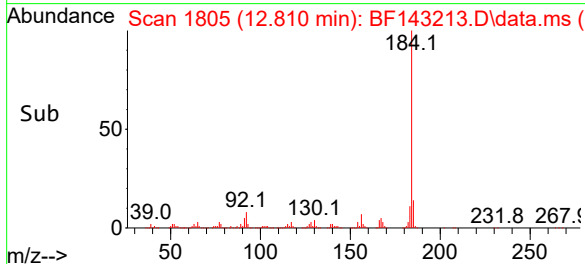
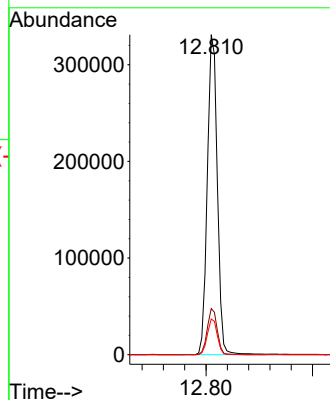
Tgt Ion:184 Resp: 430639
Ion Ratio Lower Upper
184 100
185 14.4 12.2 18.4
183 11.2 9.0 13.4

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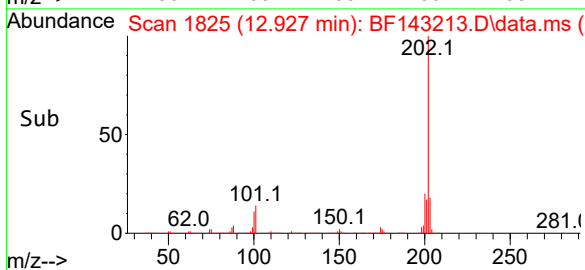
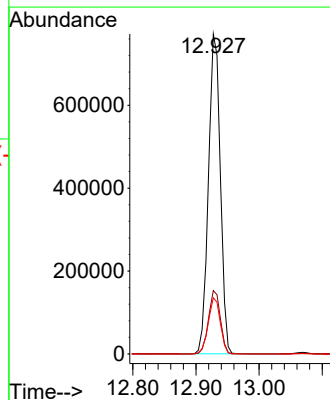
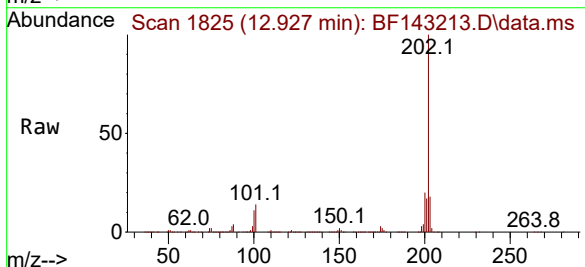
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Supervised By :Jagrut
Upadhyay

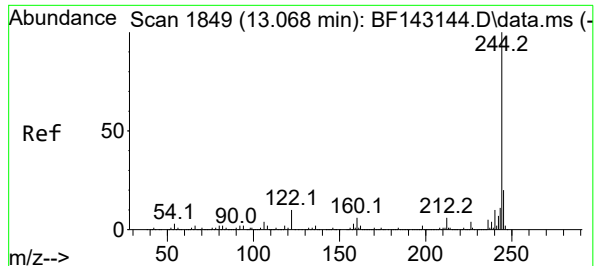
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#78
Pyrene
Concen: 46.697 ng
RT: 12.927 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion:202 Resp: 1010330
Ion Ratio Lower Upper
202 100
200 19.8 15.7 23.5
203 17.5 14.2 21.2





#79

Terphenyl-d14

Concen: 82.611 ng

RT: 13.069 min Scan# 1849

Delta R.T. 0.000 min

Lab File: BF143213.D

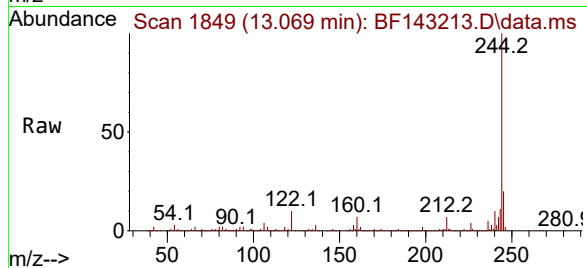
Acq: 23 Jul 2025 16:00

Instrument :

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Tgt Ion:244 Resp: 1407338

Ion Ratio Lower Upper

244 100

212 6.6 5.2 7.8

122 10.3 8.2 12.2

Manual Integrations

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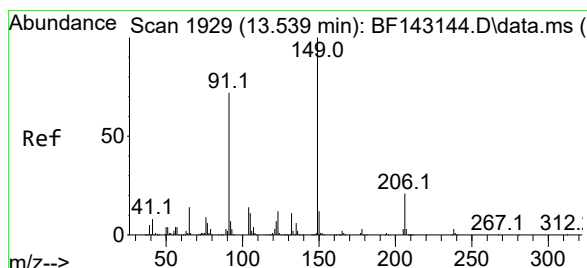
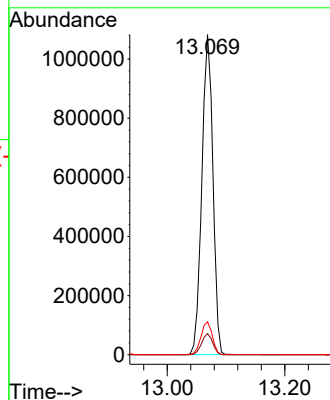
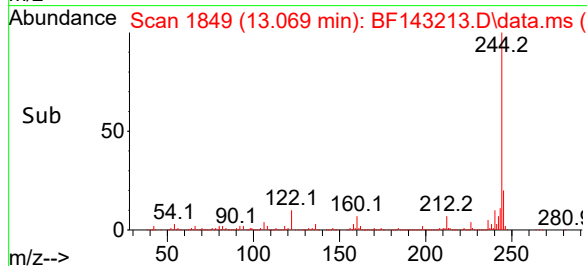
Reviewed By :Rahul Chavli 07/24/2025

Supervised By :Jagrut Upadhyay 07/24/2025

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Upadhyay

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#80

Butylbenzylphthalate

Concen: 59.285 ng

RT: 13.539 min Scan# 1929

Delta R.T. 0.000 min

Lab File: BF143213.D

Acq: 23 Jul 2025 16:00

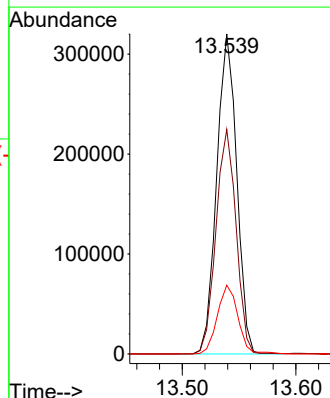
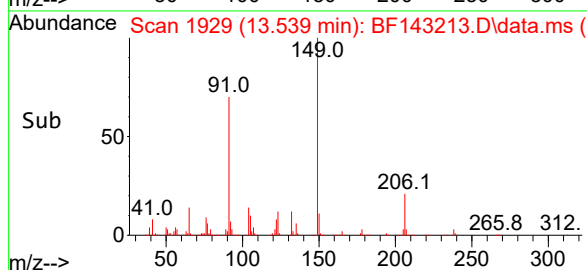
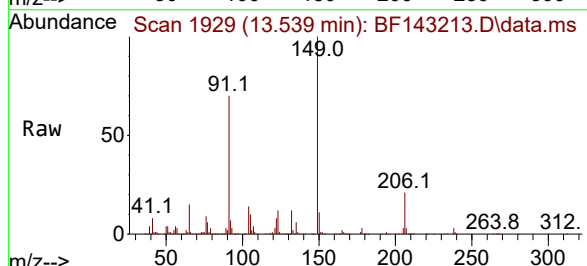
Tgt Ion:149 Resp: 392773

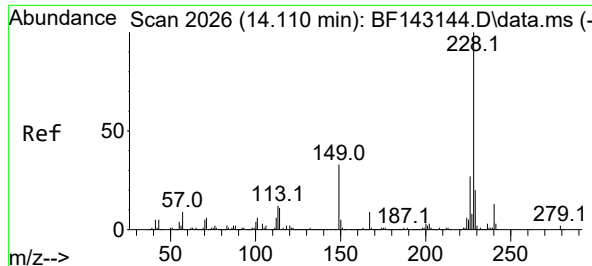
Ion Ratio Lower Upper

149 100

91 70.2 57.9 86.9

206 21.5 17.0 25.4





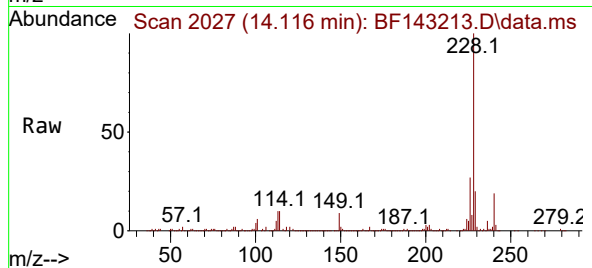
#81
Benzo(a)anthracene
Concen: 45.053 ng
RT: 14.116 min Scan# 2026
Delta R.T. 0.006 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Instrument :

BNA_F

ClientSampleId :

PB168954BS



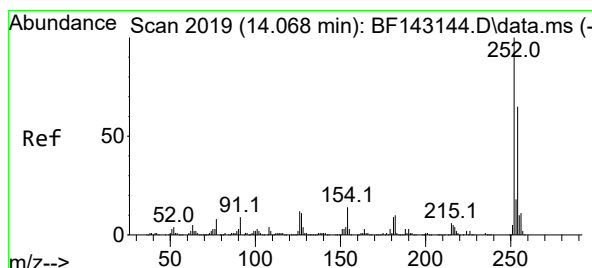
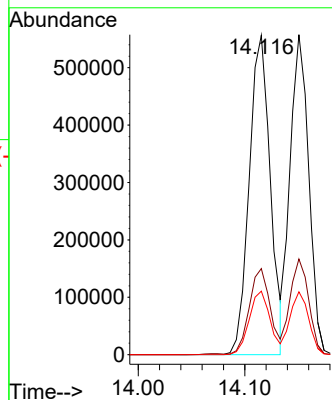
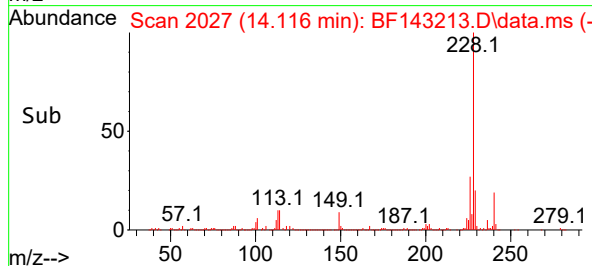
Tgt Ion:228 Resp: 764664
Ion Ratio Lower Upper
228 100
226 26.9 21.7 32.5
229 19.9 15.8 23.6

Manual Integrations
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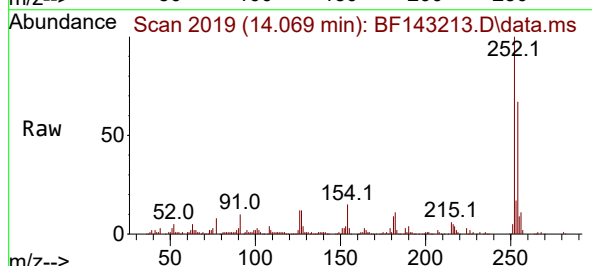
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

07/24/2025
Supervised By :Jagrut
Upadhyay

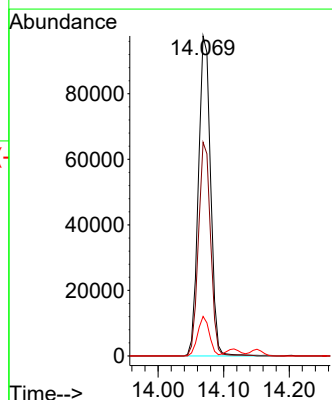
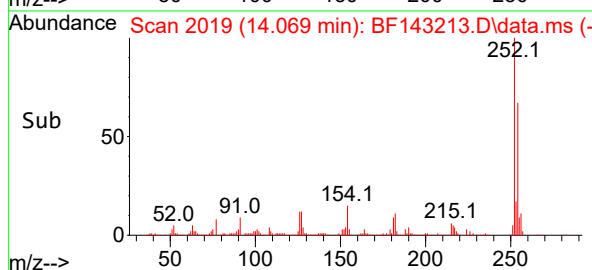
07/24/2025

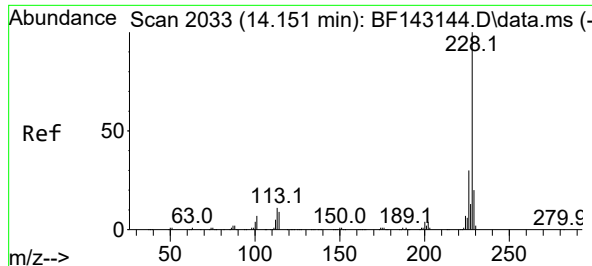


#82
3,3'-Dichlorobenzidine
Concen: 22.368 ng
RT: 14.069 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00



Tgt Ion:252 Resp: 126532
Ion Ratio Lower Upper
252 100
254 66.7 51.7 77.5
126 12.4 9.4 14.0





#83

Chrysene

Concen: 44.573 ng

RT: 14.151 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF143213.D

Acq: 23 Jul 2025 16:00

Instrument :

BNA_F

ClientSampleId :

PB168954BS

Tgt Ion:228 Resp: 680180

Ion Ratio Lower Upper

228 100

226 29.9 23.8 35.8

229 19.6 15.6 23.4

Manual Integrations

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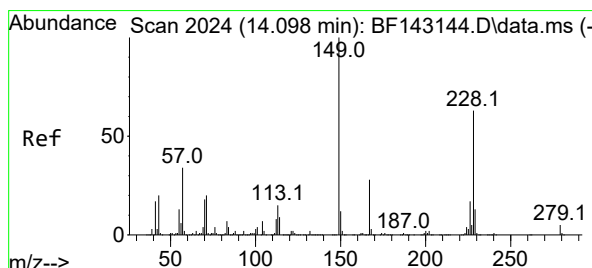
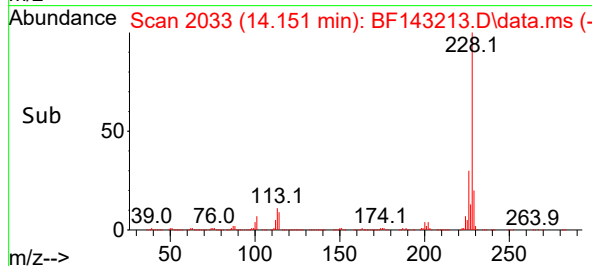
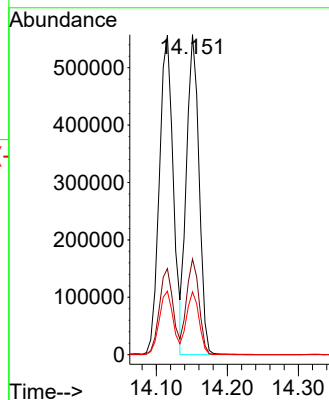
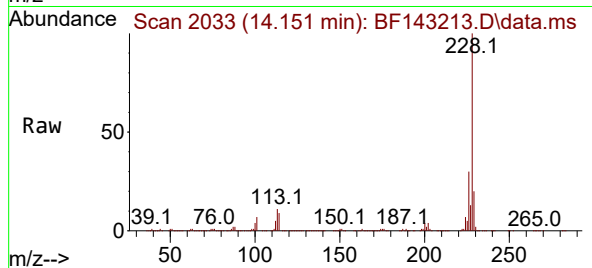
Reviewed By :Rahul Chavli 07/24/2025

Supervised By :Jagrut Upadhyay 07/24/2025

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Supervised By :Jagrut
Upadhyay

07/24/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.382 ng

RT: 14.098 min Scan# 2024

Delta R.T. 0.000 min

Lab File: BF143213.D

Acq: 23 Jul 2025 16:00

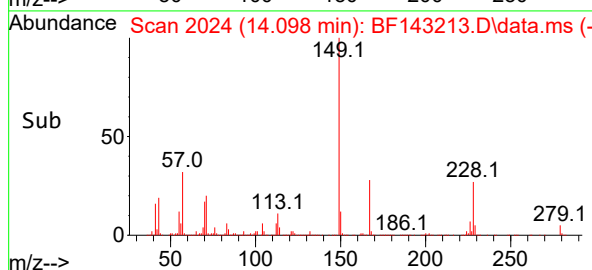
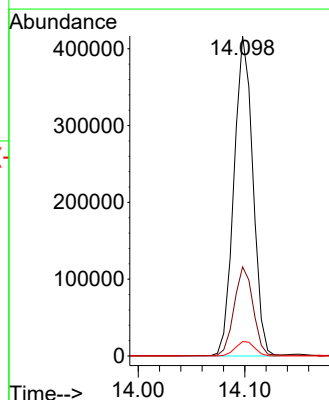
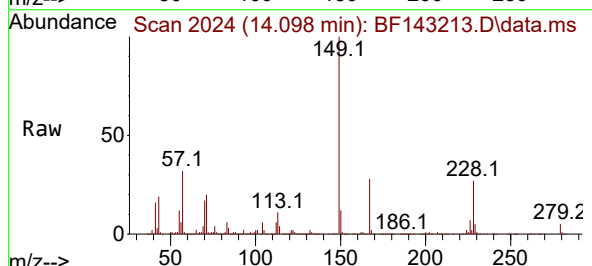
Tgt Ion:149 Resp: 515251

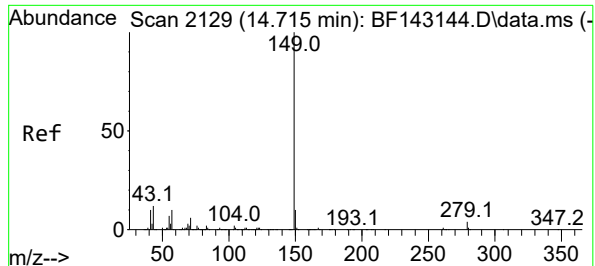
Ion Ratio Lower Upper

149 100

167 27.9 22.3 33.5

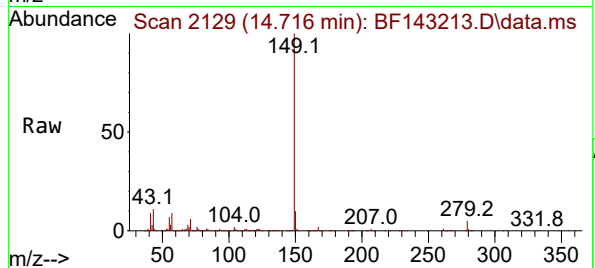
279 4.5 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 45.393 ng
RT: 14.716 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Instrument :
BNA_F
ClientSampleId :
PB168954BS



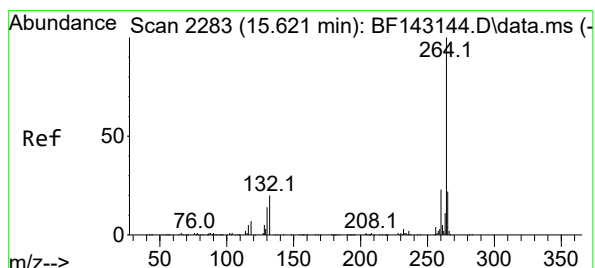
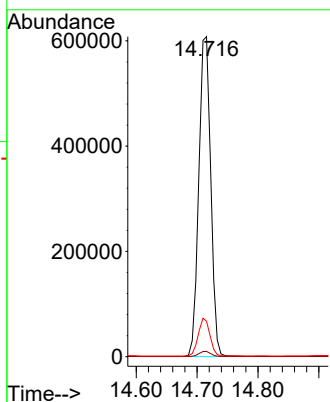
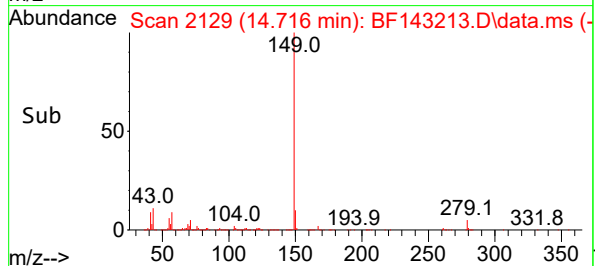
Tgt Ion:149 Resp: 825088
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 11.5 9.7 14.5

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Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

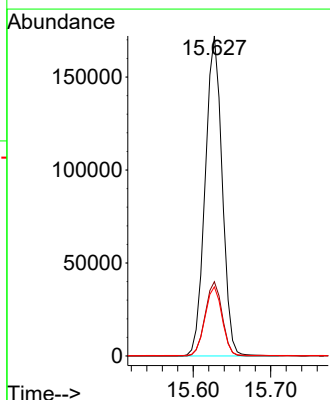
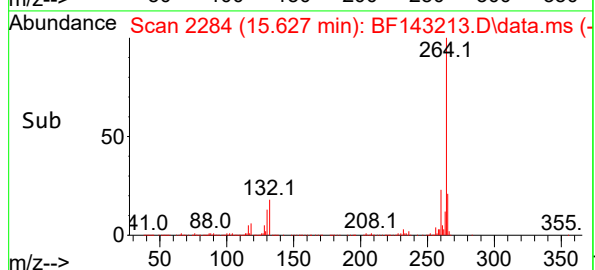
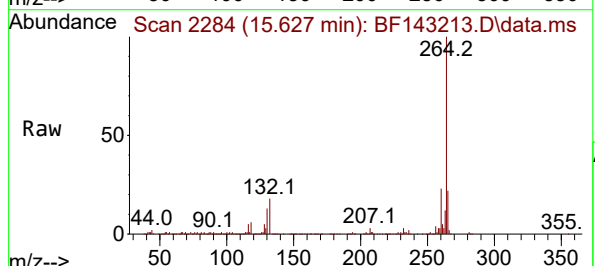
07/24/2025
Supervised By :Jagrut
Upadhyay

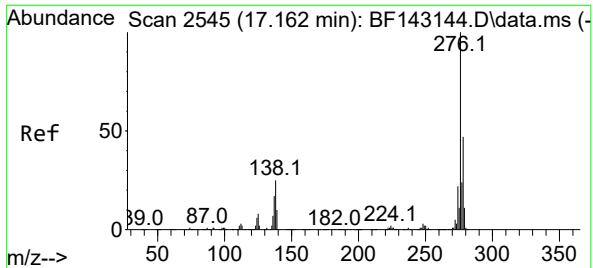
07/24/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.627 min Scan# 2284
Delta R.T. 0.006 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

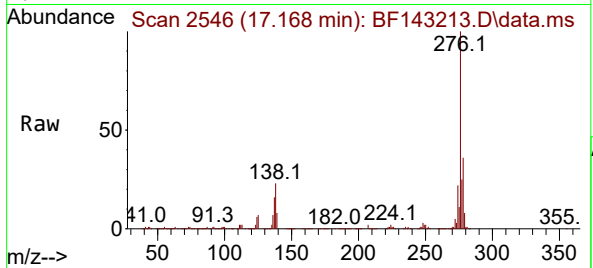
Tgt Ion:264 Resp: 261797
Ion Ratio Lower Upper
264 100
260 23.2 18.5 27.7
265 21.6 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 45.525 ng
RT: 17.168 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Instrument :
BNA_F
ClientSampleId :
PB168954BS



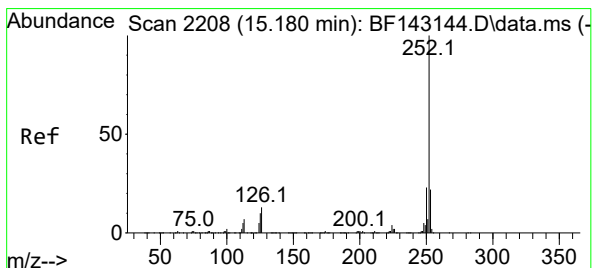
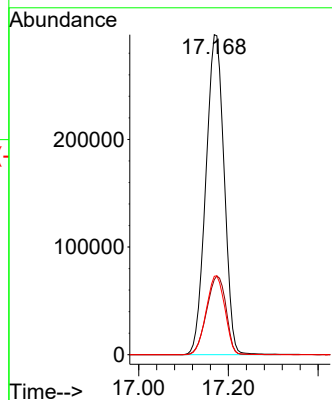
Tgt Ion:276 Resp: 840404
Ion Ratio Lower Upper
276 100
138 26.1 21.8 32.6
277 25.3 20.0 30.0

Manual Integrations
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Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

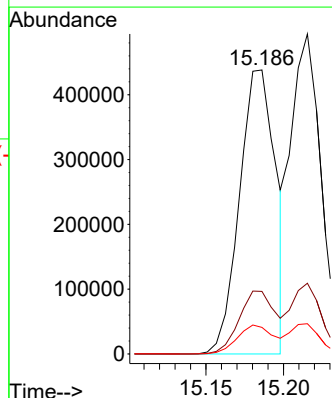
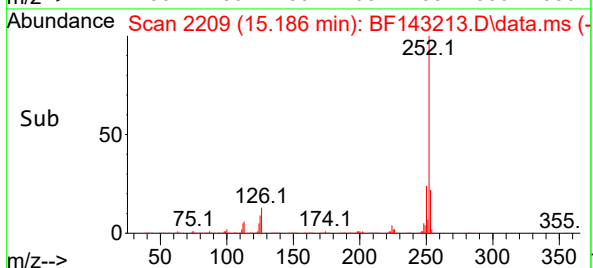
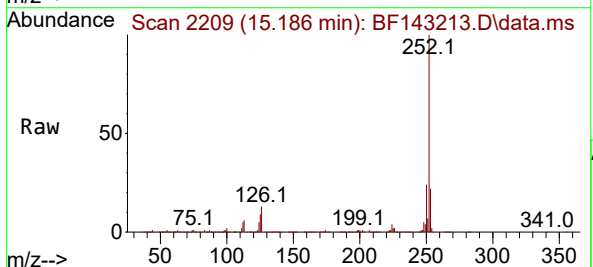
07/24/2025
Supervised By :Jagrut
Upadhyay

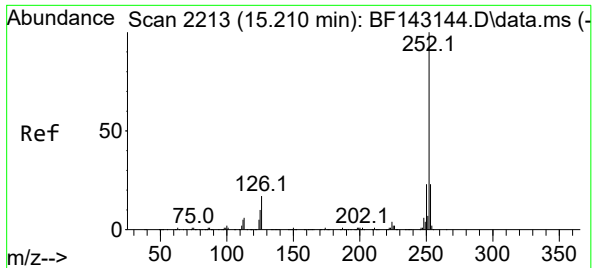
07/24/2025



#88
Benzo(b)fluoranthene
Concen: 44.609 ng
RT: 15.186 min Scan# 2209
Delta R.T. 0.006 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion:252 Resp: 713448
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 9.4 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 46.464 ng

RT: 15.215 min Scan# 2213

Delta R.T. 0.006 min

Lab File: BF143213.D

Acq: 23 Jul 2025 16:00

Instrument :

BNA_F

ClientSampleId :

PB168954BS

Tgt Ion:252 Resp: 663110

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

125 9.4 8.1 12.1

Manual Integrations

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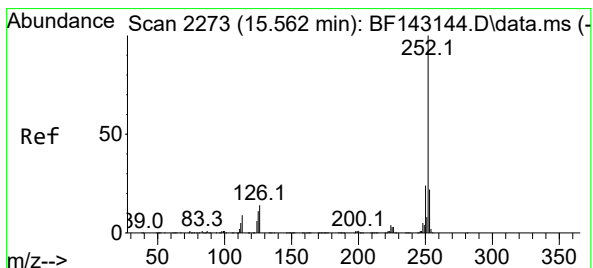
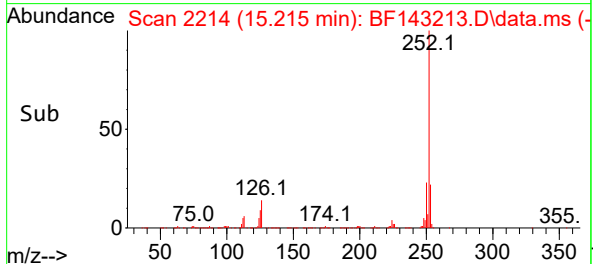
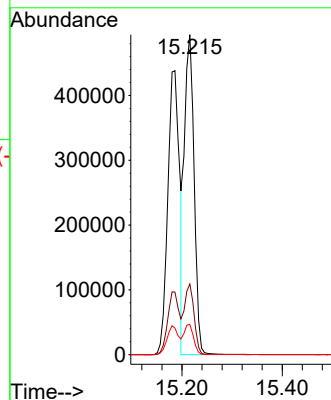
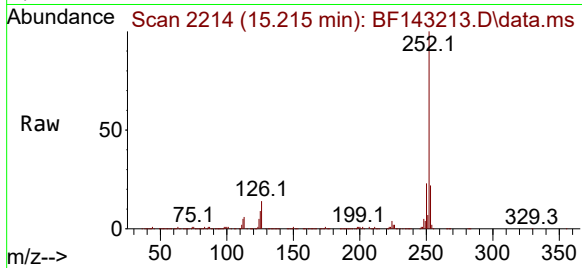
Reviewed By :Rahul Chavli 07/24/2025

Supervised By :Jagrut Upadhyay 07/24/2025

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Supervised By :Jagrut
Upadhyay

07/24/2025



#90

Benzo(a)pyrene

Concen: 45.669 ng

RT: 15.563 min Scan# 2273

Delta R.T. 0.000 min

Lab File: BF143213.D

Acq: 23 Jul 2025 16:00

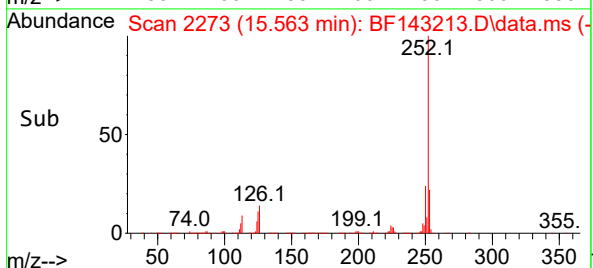
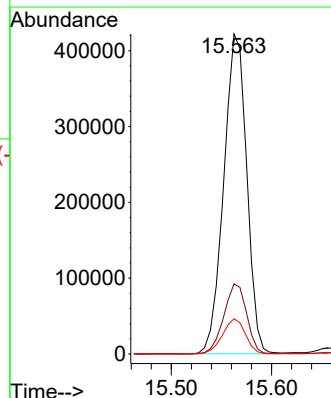
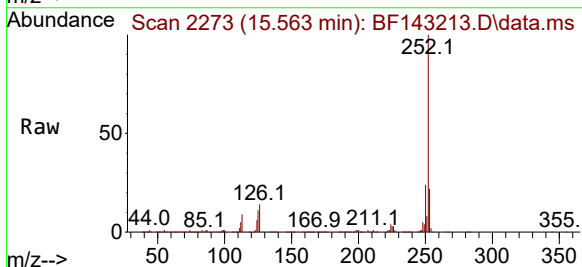
Tgt Ion:252 Resp: 672961

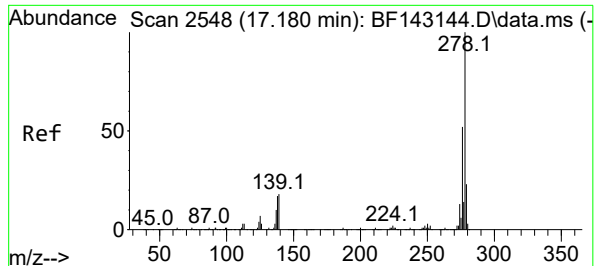
Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 11.0 8.6 13.0





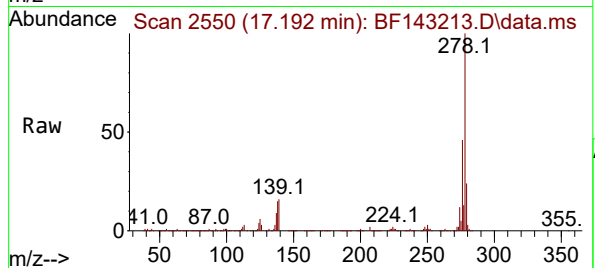
#91
Dibenzo(a,h)anthracene
Concen: 45.191 ng
RT: 17.192 min Scan# 2548
Delta R.T. 0.012 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Instrument :

BNA_F

ClientSampleId :

PB168954BS



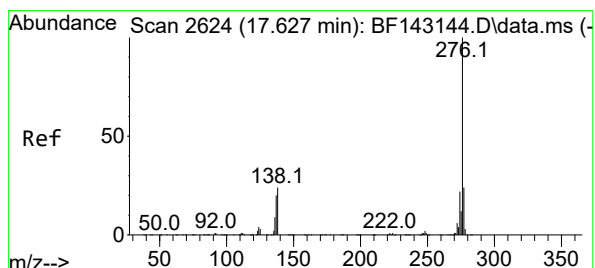
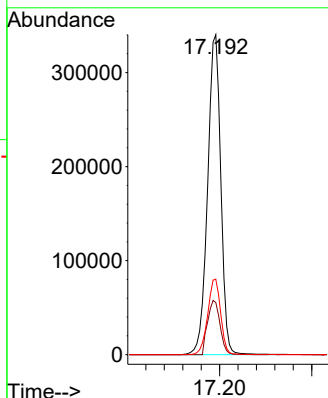
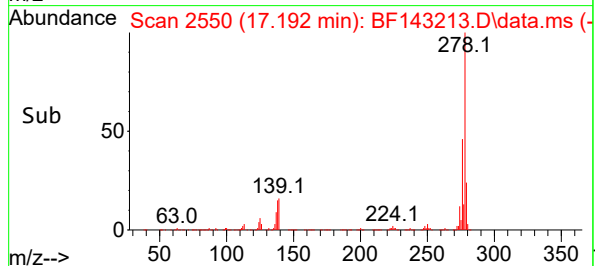
Tgt Ion:278 Resp: 679010
Ion Ratio Lower Upper
278 100
139 16.3 14.1 21.1
279 23.6 18.6 28.0

Manual Integrations
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Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

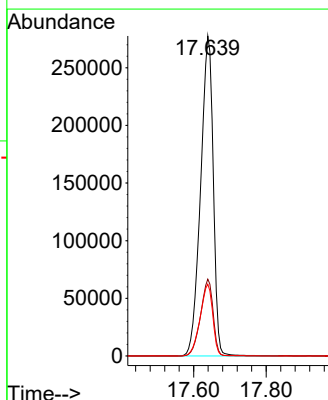
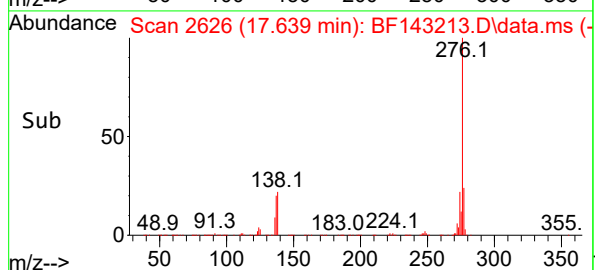
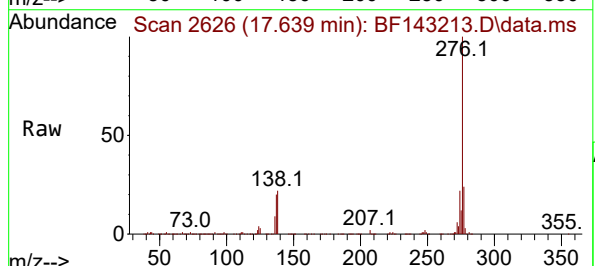
07/24/2025
Supervised By :Jagrut
Upadhyay

07/24/2025



#92
Benzo(g,h,i)perylene
Concen: 46.196 ng
RT: 17.639 min Scan# 2626
Delta R.T. 0.012 min
Lab File: BF143213.D
Acq: 23 Jul 2025 16:00

Tgt Ion:276 Resp: 671436
Ion Ratio Lower Upper
276 100
277 24.0 19.1 28.7
138 22.5 18.9 28.3



Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	07/18/25
Project:	North Arlington, NJ	Date Received:	07/18/25
Client Sample ID:	FRAC TANKMS	SDG No.:	Q2646
Lab Sample ID:	Q2646-03MS	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143199.D	1	07/22/25 09:10	07/22/25 20:20	PB168954

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	12.8	U	12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	360		5.30	50.0	ug/L
95-48-7	2-Methylphenol	790		11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	520		11.0	100	ug/L
67-72-1	Hexachloroethane	370		6.50	50.0	ug/L
98-95-3	Nitrobenzene	350		7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	370		5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	360		5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	390		6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	400		12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	370		5.20	50.0	ug/L
87-86-5	Pentachlorophenol	910	E	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	81.8		15 (23) - 110 (138)	55%	SPK: 150
13127-88-3	Phenol-d6	64.3		15 (10) - 110 (134)	43%	SPK: 150
4165-60-0	Nitrobenzene-d5	68.3		30 (67) - 130 (132)	68%	SPK: 100
321-60-8	2-Fluorobiphenyl	73.4		30 (52) - 130 (132)	73%	SPK: 100
118-79-6	2,4,6-Tribromophenol	99.1		15 (44) - 110 (137)	66%	SPK: 150
1718-51-0	Terphenyl-d14	46.8		30 (42) - 130 (152)	47%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	107000	6.986			
1146-65-2	Naphthalene-d8	404000	8.263			
15067-26-2	Acenaphthene-d10	174000	10.01			
1517-22-2	Phenanthrene-d10	274000	11.492			
1719-03-5	Chrysene-d12	257000	14.151			
1520-96-3	Perylene-d12	185000	15.651			

Report of Analysis

Client:	Environmental Restoration, LLC		Date Collected:	07/18/25
Project:	North Arlington, NJ		Date Received:	07/18/25
Client Sample ID:	FRAC TANKMS		SDG No.:	Q2646
Lab Sample ID:	Q2646-03MS		Matrix:	TCLP
Analytical Method:	8270E		% Solid:	0
Sample Wt/Vol:	100	Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:		uL	Test:	TCLP BNA
Extraction Type :		Decanted : N	Level :	LOW
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143199.D	1	07/22/25 09:10	07/22/25 20:20	PB168954

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
 Data File : BF143199.D
 Acq On : 22 Jul 2025 20:20
 Operator : RC/JU
 Sample : Q2646-03MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FRAC TANKMS

Manual Integrations
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Reviewed By :Rahul Chavli 07/23/2025
 Supervised By :Jagrut Upadhyay 07/23/2025

Quant Time: Jul 23 04:52:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.986	152	106919	20.000	ng	0.02
21) Naphthalene-d8	8.263	136	403875	20.000	ng	0.02
39) Acenaphthene-d10	10.010	164	174208	20.000	ng	0.01
64) Phenanthrene-d10	11.492	188	273501	20.000	ng	0.00
76) Chrysene-d12	14.151	240	256851	20.000	ng	0.03
86) Perylene-d12	15.651	264	185286	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.792	112	552475	81.770	ng	0.21
7) Phenol-d6	6.675	99	546469	64.258	ng	0.09
23) Nitrobenzene-d5	7.545	82	553643	68.332	ng	0.02
42) 2,4,6-Tribromophenol	10.798	330	178262	99.053	ng	0.01
45) 2-Fluorobiphenyl	9.328	172	935127	73.412	ng	0.00
79) Terphenyl-d14	13.092	244	806959	46.752	ng	0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.881	88	118206	36.974	ng	# 42
4) n-Nitrosodimethylamine	3.581	42	171005	39.915	ng	# 56
6) Aniline	6.722	93	173337	14.625	ng	# 55
8) 2-Chlorophenol	6.798	128	164249	23.192	ng	91
9) Benzaldehyde	6.557	77	142775	22.389	ng	98
10) Phenol	6.686	94	244774	26.420	ng	96
11) bis(2-Chloroethyl)ether	6.722	93	173337	24.436	ng	95
12) 1,3-Dichlorobenzene	6.928	146	149597m	19.445	ng	
13) 1,4-Dichlorobenzene	7.004	146	276221	35.652	ng	99
14) 1,2-Dichlorobenzene	7.157	146	214736	29.140	ng	98
15) Benzyl Alcohol	7.257	79	593018	91.326	ng	# 84
16) 2,2'-oxybis(1-Chloropr...	7.204	45	1724578m	131.059	ng	
17) 2-Methylphenol	7.269	107	469533	78.849	ng	# 60
18) Hexachloroethane	7.492	117	99536	37.110	ng	97
19) n-Nitroso-di-n-propyla...	7.410	70	203526	37.303	ng	# 92
20) 3+4-Methylphenols	7.504	107	378672m	52.413	ng	
22) Acetophenone	7.404	105	375876	39.310	ng	# 96
24) Nitrobenzene	7.569	77	262484	34.748	ng	99
25) Isophorone	7.881	82	524966	36.703	ng	99
26) 2-Nitrophenol	7.881	139	139283	42.485	ng	95
27) 2,4-Dimethylphenol	7.957	122	227380	34.026	ng	100
28) bis(2-Chloroethoxy)met...	8.022	93	320993	37.430	ng	97
29) 2,4-Dichlorophenol	8.157	162	185645	32.941	ng	97
30) 1,2,4-Trichlorobenzene	8.204	180	216579	35.572	ng	100
31) Naphthalene	8.286	128	751387	37.776	ng	100
32) Benzoic acid	8.181	122	269197	68.976	ng	97
33) 4-Chloroaniline	8.286	127	98017	12.069	ng	# 37
34) Hexachlorobutadiene	8.398	225	138458	37.227	ng	99
35) Caprolactam	8.786	113	67393m	39.574	ng	
36) 4-Chloro-3-methylphenol	8.816	107	200347	32.708	ng	98
37) 2-Methylnaphthalene	8.975	142	443408	36.634	ng	99
38) 1-Methylnaphthalene	9.075	142	427480	34.298	ng	99
40) 1,2,4,5-Tetrachloroben...	9.139	216	206106	40.979	ng	99
41) Hexachlorocyclopentadiene	9.128	237	176682	53.988	ng	99
43) 2,4,6-Trichlorophenol	9.251	196	126910	36.459	ng	99
44) 2,4,5-Trichlorophenol	9.298	196	134795	38.713	ng	# 93

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 Acq On : 22 Jul 2025 20:20
 Operator : RC/JU
 Sample : Q2646-03MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FRAC TANKMS

Manual Integrations
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Reviewed By :Rahul Chavli 07/23/2025
 Supervised By :Jagrut Upadhyay 07/23/2025

Quant Time: Jul 23 04:52:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

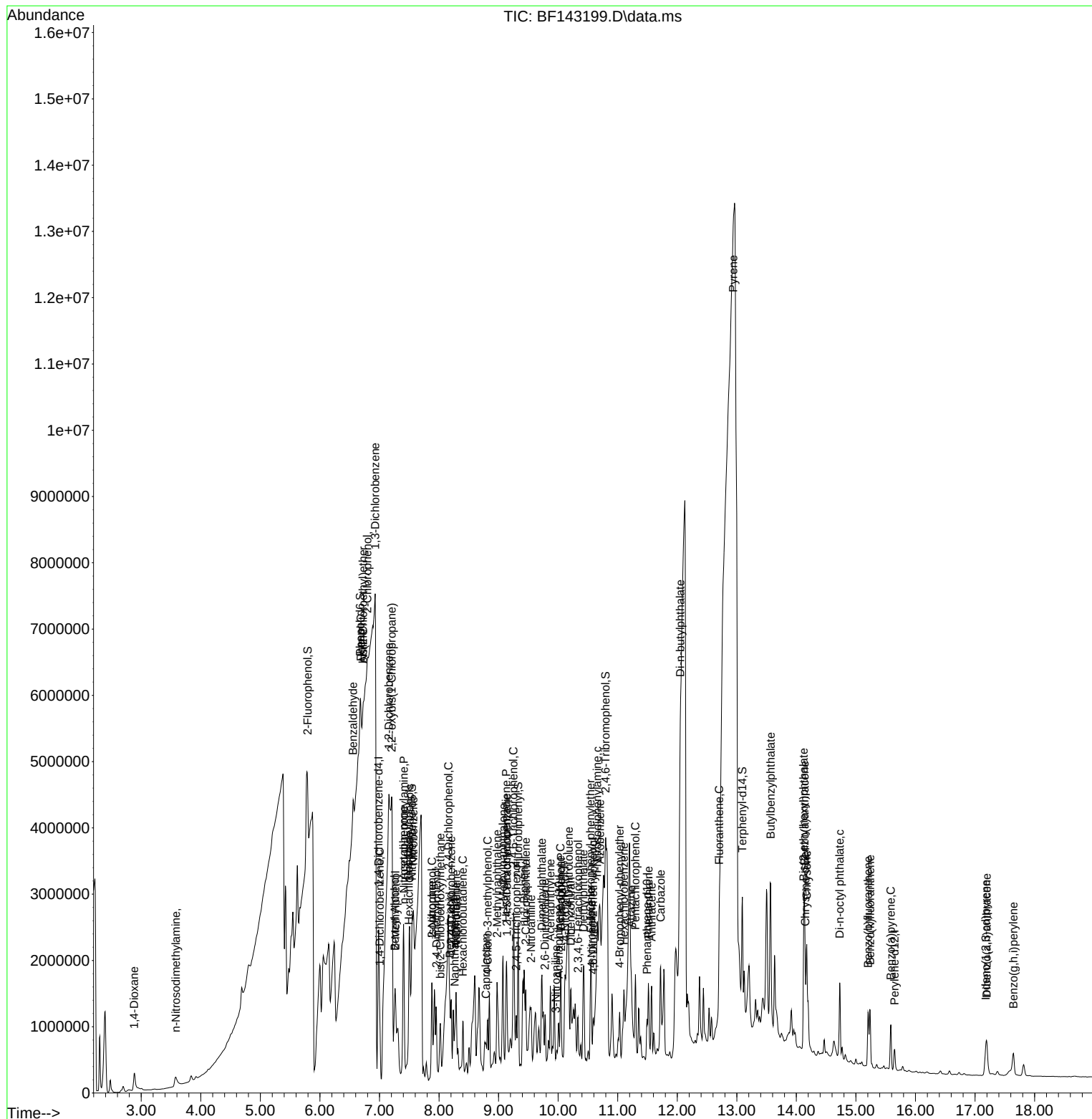
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.428	154	563893	41.488	ng	100
47) 2-Chloronaphthalene	9.457	162	400436	39.817	ng	100
48) 2-Nitroaniline	9.545	65	132031	41.864	ng	95
49) Acenaphthylene	9.869	152	634232	37.632	ng	100
50) Dimethylphthalate	9.727	163	450497	39.673	ng	99
51) 2,6-Dinitrotoluene	9.780	165	95799	41.471	ng	98
52) Acenaphthene	10.039	154	398628	40.018	ng	99
53) 3-Nitroaniline	9.963	138	6891	2.550	ng	# 88
54) 2,4-Dinitrophenol	10.051	184	55306	55.089	ng	# 65
55) Dibenzofuran	10.210	168	554525	37.495	ng	99
56) 4-Nitrophenol	10.110	139	162828	80.702	ng	96
57) 2,4-Dinitrotoluene	10.180	165	116431	40.174	ng	# 99
58) Fluorene	10.557	166	428198	38.577	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.333	232	112015m	38.836	ng	
60) Diethylphthalate	10.422	149	506582	45.135	ng	100
61) 4-Chlorophenyl-phenyle...	10.545	204	209454	37.896	ng	98
62) 4-Nitroaniline	10.563	138	22748	9.823	ng	92
63) Azobenzene	10.704	77	401256	34.302	ng	97
65) 4,6-Dinitro-2-methylph...	10.586	198	41238	30.931	ng	82
66) n-Nitrosodiphenylamine	10.657	169	336118	34.900	ng	100
67) 4-Bromophenyl-phenylether	11.033	248	123252	37.814	ng	97
68) Hexachlorobenzene	11.104	284	126673	37.183	ng	98
69) Atrazine	11.227	200	90049	33.915	ng	99
70) Pentachlorophenol	11.298	266	182738	91.211	ng	98
71) Phenanthrene	11.516	178	580774	39.993	ng	100
72) Anthracene	11.569	178	584315	39.452	ng	100
73) Carbazole	11.721	167	546164	42.231	ng	99
74) Di-n-butylphthalate	12.051	149	548715	37.497	ng	100
75) Fluoranthene	12.704	202	630057	47.268	ng	99
78) Pyrene	12.939	202	219163	9.998	ng	97
80) Butylbenzylphthalate	13.568	149	295074	43.959	ng	97
81) Benzo(a)anthracene	14.139	228	677602	39.404	ng	99
83) Chrysene	14.174	228	615094	39.784	ng	99
84) Bis(2-ethylhexyl)phtha...	14.121	149	446694	43.966	ng	100
85) Di-n-octyl phthalate	14.727	149	745738	40.493	ng	99
87) Indeno(1,2,3-cd)pyrene	17.180	276	348870	26.702	ng	98
88) Benzo(b)fluoranthene	15.204	252	565057	49.920	ng	99
89) Benzo(k)fluoranthene	15.239	252	492257	48.735	ng	100
90) Benzo(a)pyrene	15.586	252	429835	41.215	ng	99
91) Dibenzo(a,h)anthracene	17.198	278	285570	26.854	ng	99
92) Benzo(g,h,i)perylene	17.645	276	277134	26.941	ng	98

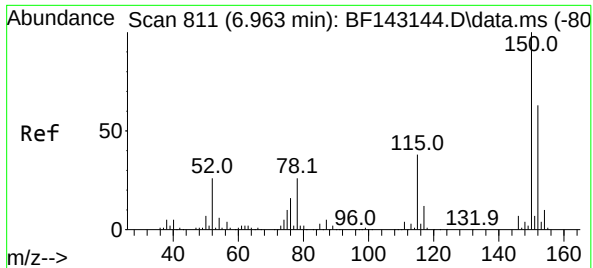
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Instrument :
BNA_F
ClientSampleId :
FRAC TANKMS

Manual Integrations

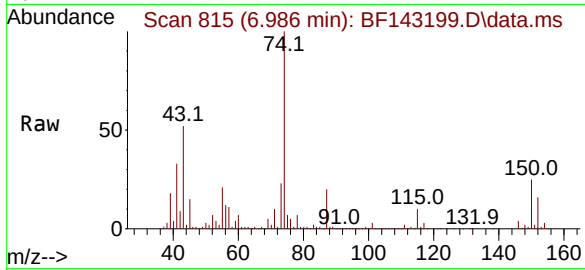
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.986 min Scan# 81
Delta R.T. 0.023 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

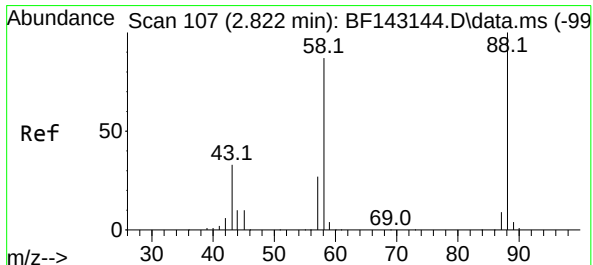
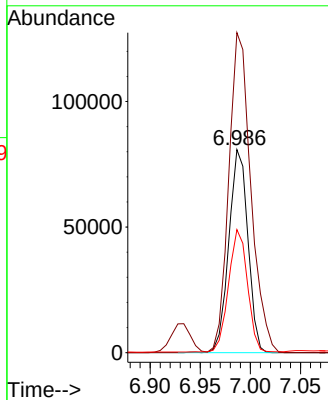
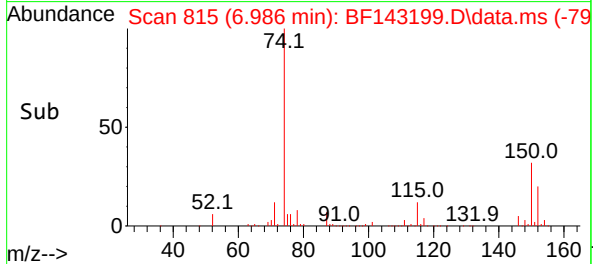
Instrument :
BNA_F
ClientSampleId :
FRAC TANKMS



Tgt Ion:152 Resp: 106919
Ion Ratio Lower Upper
152 100
150 157.6 128.2 192.4
115 60.6 47.9 71.9

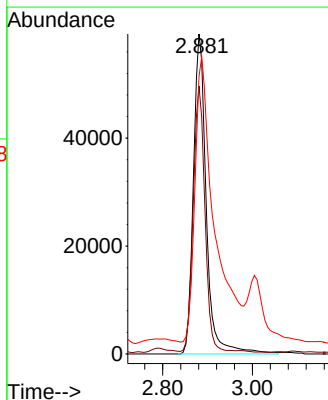
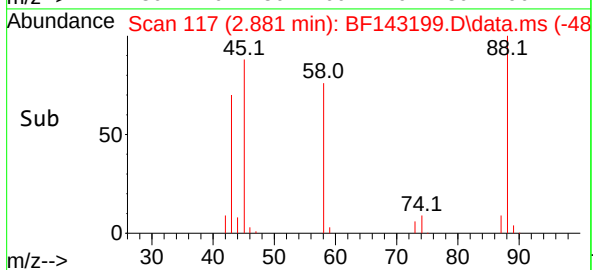
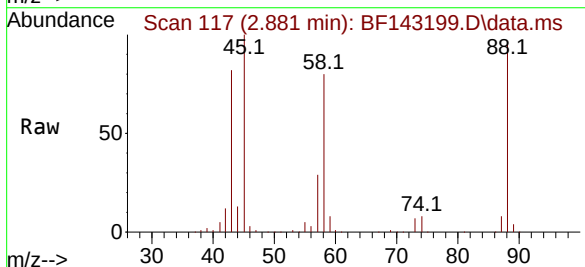
Manual Integrations
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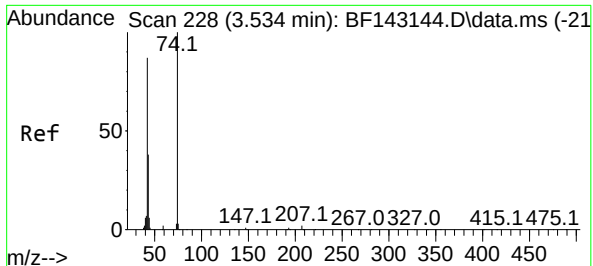
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#2
1,4-Dioxane
Concen: 36.974 ng
RT: 2.881 min Scan# 117
Delta R.T. 0.059 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion: 88 Resp: 118206
Ion Ratio Lower Upper
88 100
58 77.1 70.2 105.2
43 136.0 27.1 40.7#





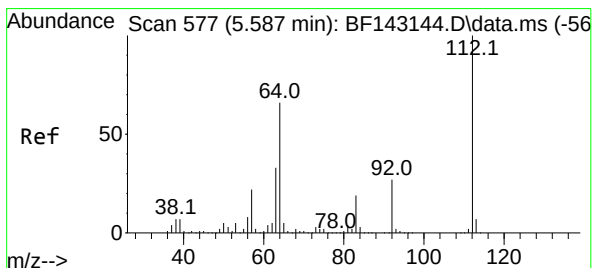
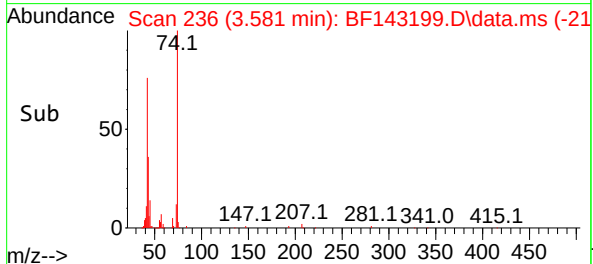
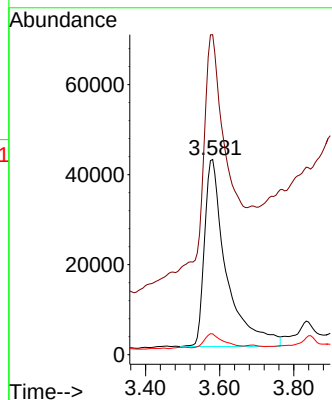
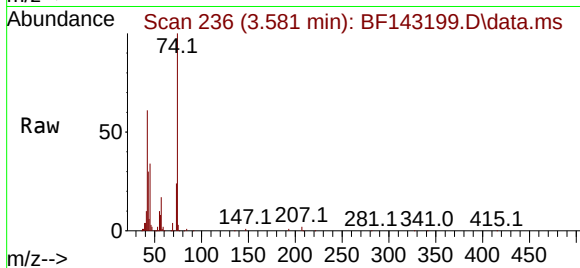
#4
n-Nitrosodimethylamine
Concen: 39.915 ng
RT: 3.581 min Scan# 21
Delta R.T. 0.047 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Instrument :
BNA_F
ClientSampleId :
FRAC TANKMS

Tgt Ion: 42 Resp: 17100
Ion Ratio Lower Upper
42 100
74 164.0 91.7 137.5
44 10.6 5.6 8.4

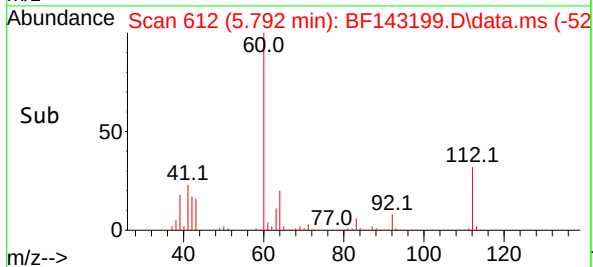
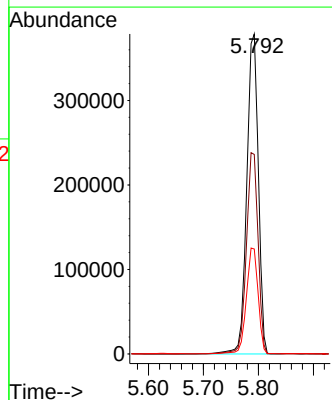
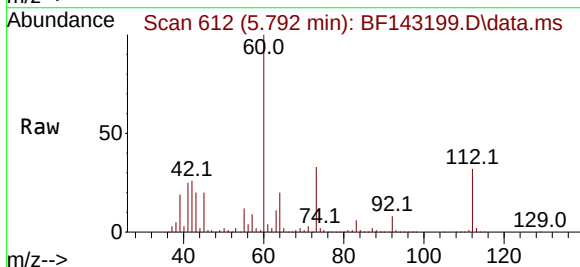
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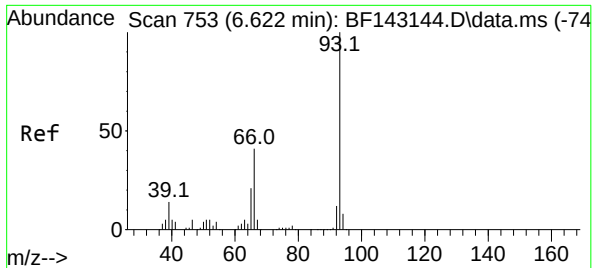
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#5
2-Fluorophenol
Concen: 81.770 ng
RT: 5.792 min Scan# 612
Delta R.T. 0.206 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

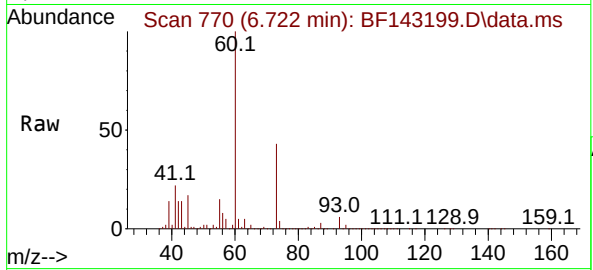
Tgt Ion:112 Resp: 552475
Ion Ratio Lower Upper
112 100
64 62.3 53.1 79.7
63 32.8 26.6 40.0





#6
Aniline
Concen: 14.625 ng
RT: 6.722 min Scan# 71
Delta R.T. 0.100 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

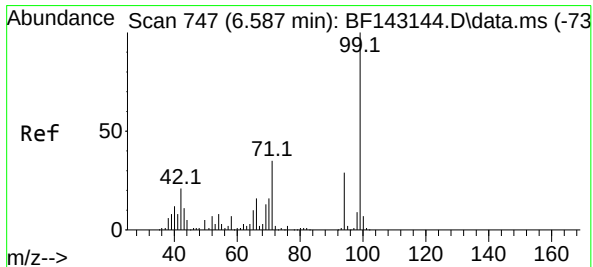
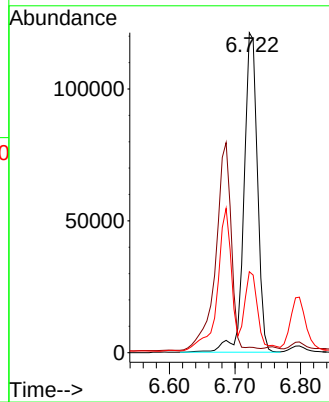
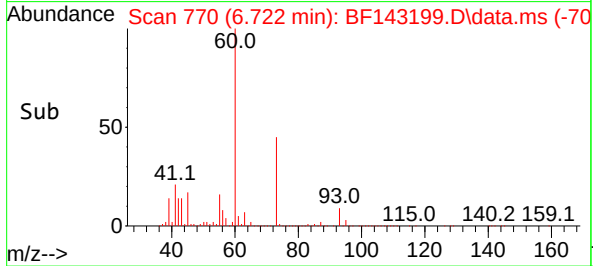
Instrument :
BNA_F
ClientSampleId :
FRAC TANKMS



Tgt Ion: 93 Resp: 17333
Ion Ratio Lower Upper
93 100
66 1.7 33.2 49.8
65 25.3 16.9 25.3

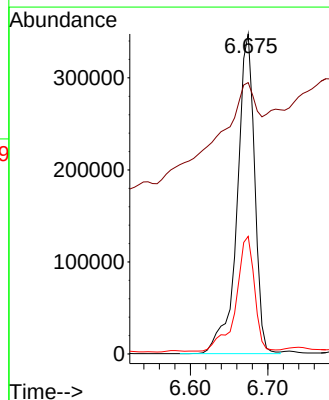
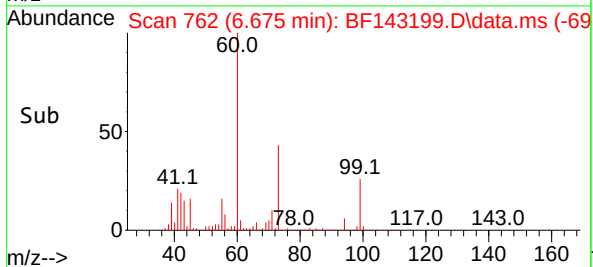
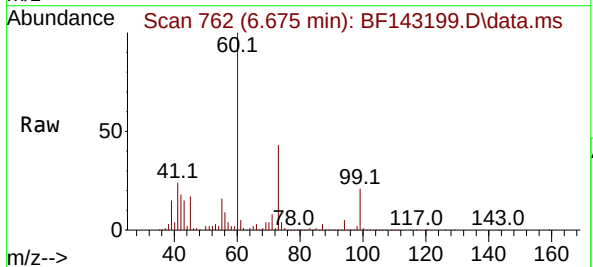
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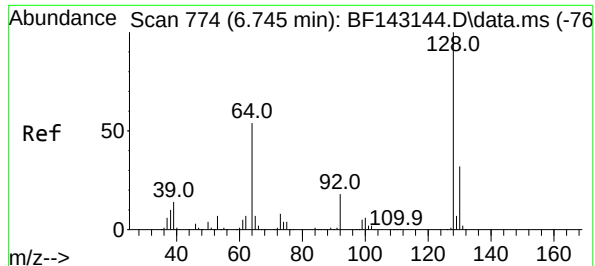
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#7
Phenol-d6
Concen: 64.258 ng
RT: 6.675 min Scan# 762
Delta R.T. 0.088 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

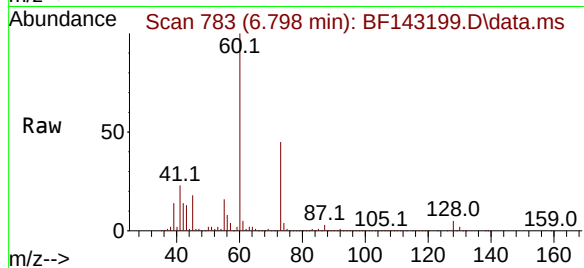
Tgt Ion: 99 Resp: 546469
Ion Ratio Lower Upper
99 100
42 84.8 17.0 25.6
71 36.8 27.7 41.5





#8
2-Chlorophenol
Concen: 23.192 ng
RT: 6.798 min Scan# 71
Delta R.T. 0.053 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

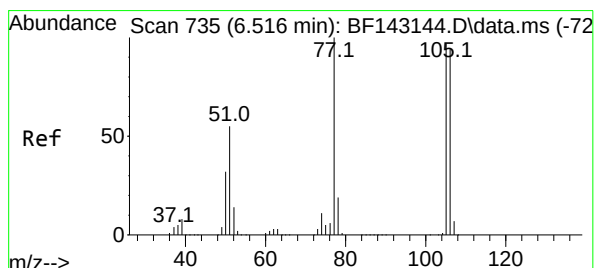
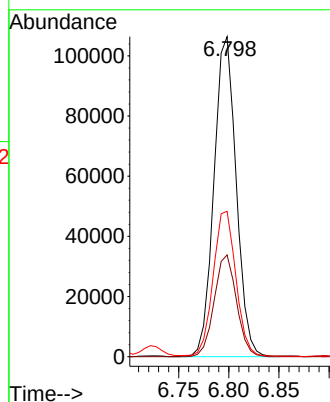
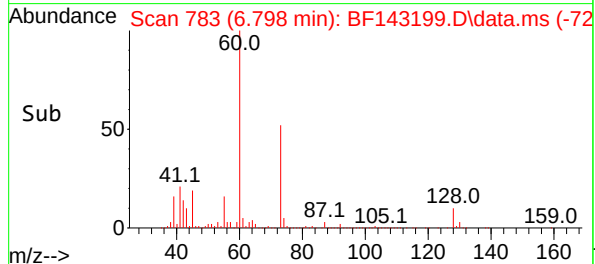
Instrument :
BNA_F
ClientSampleId :
FRAC TANKMS



Tgt Ion:128 Resp: 164249
Ion Ratio Lower Upper
128 100
130 31.8 12.3 52.3
64 45.5 35.9 75.9

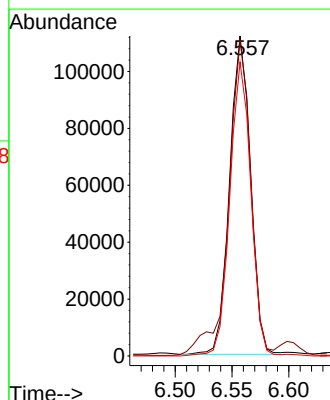
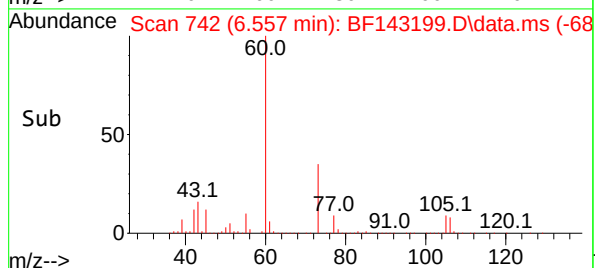
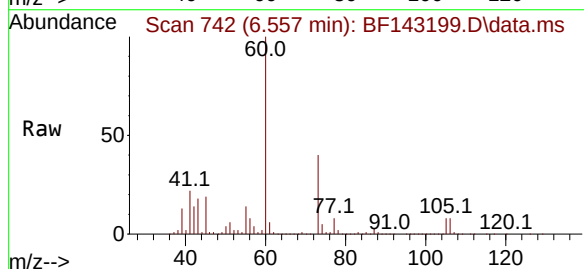
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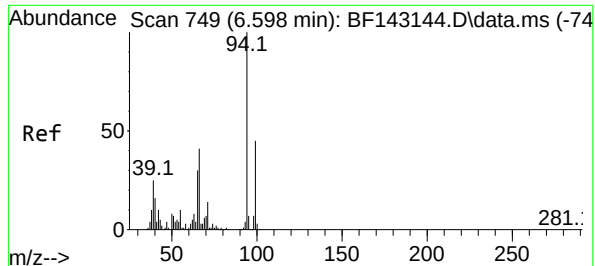
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#9
Benzaldehyde
Concen: 22.389 ng
RT: 6.557 min Scan# 742
Delta R.T. 0.041 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion: 77 Resp: 142775
Ion Ratio Lower Upper
77 100
105 98.6 76.8 116.8
106 91.8 74.4 114.4





#10

Phenol

Concen: 26.420 ng

RT: 6.686 min Scan# 7

Delta R.T. 0.088 min

Lab File: BF143199.D

Acq: 22 Jul 2025 20:20

Instrument :

BNA_F

ClientSampleId :

FRAC TANKMS

Tgt Ion: 94 Resp: 244774

Ion Ratio Lower Upper

94 100

65 30.7 10.0 50.0

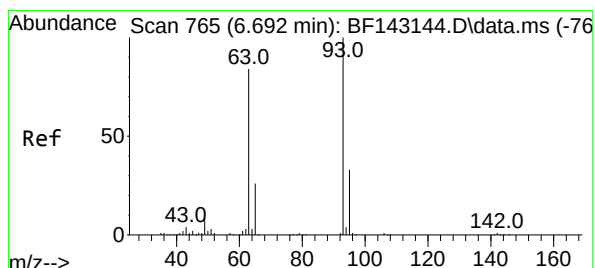
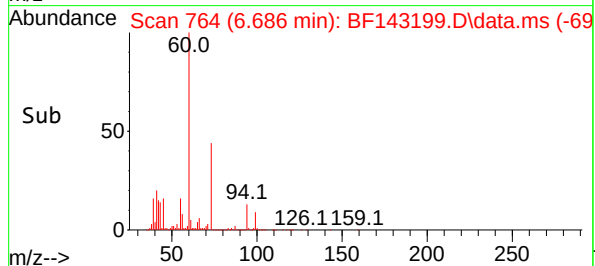
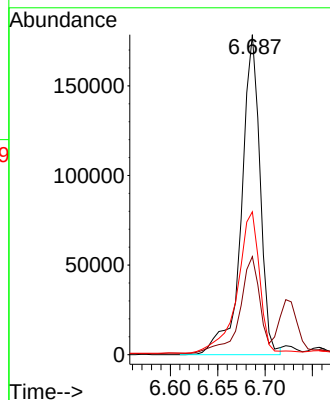
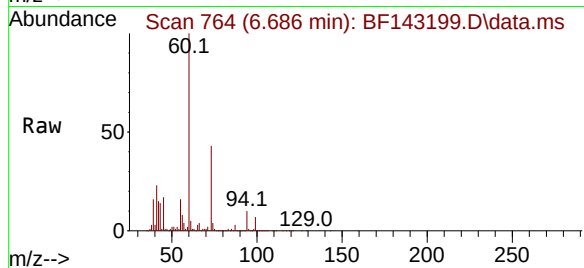
66 44.6 20.8 60.8

Manual Integrations

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Supervised By :Jagrut Upadhyay 07/23/2025



#11

bis(2-Chloroethyl)ether

Concen: 24.436 ng

RT: 6.722 min Scan# 770

Delta R.T. 0.029 min

Lab File: BF143199.D

Acq: 22 Jul 2025 20:20

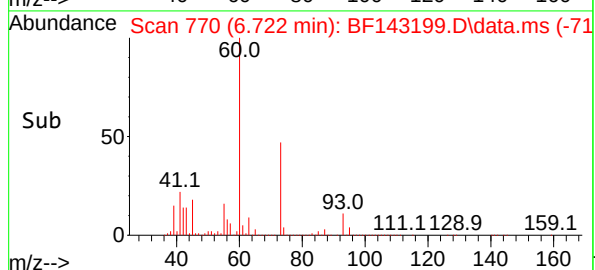
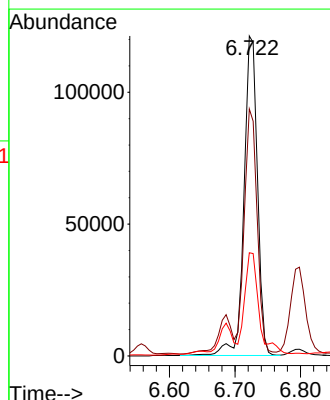
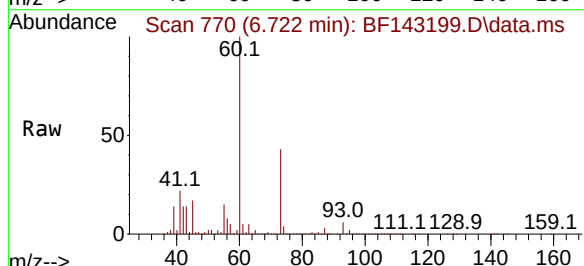
Tgt Ion: 93 Resp: 173337

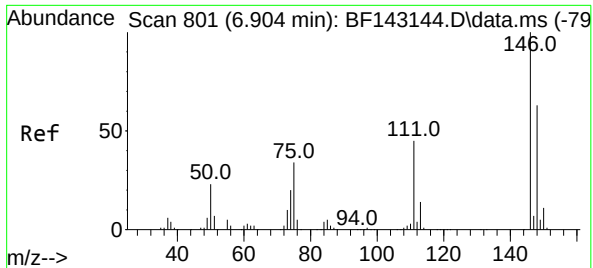
Ion Ratio Lower Upper

93 100

63 77.2 63.4 103.4

95 32.2 12.4 52.4





#12

1,3-Dichlorobenzene

Concen: 19.445 ng m

RT: 6.928 min Scan# 801

Delta R.T. 0.023 min

Lab File: BF143199.D

Acq: 22 Jul 2025 20:20

Instrument :

BNA_F

ClientSampleId :

FRAC TANKMS

Tgt Ion:146 Resp: 14959

Ion Ratio Lower Upper

146 100

148 64.2 50.6 76.0

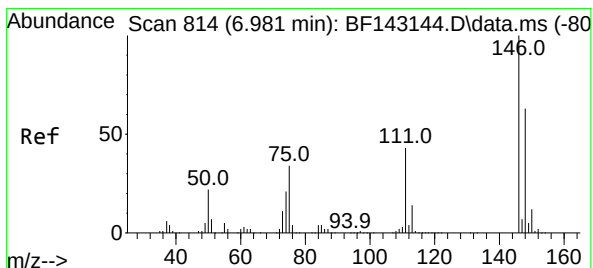
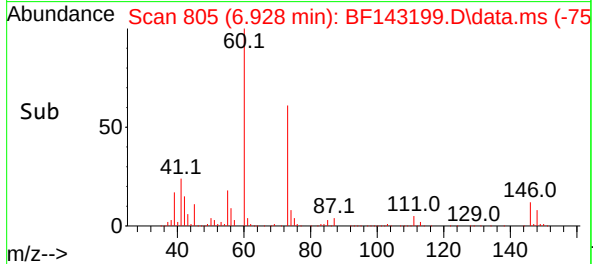
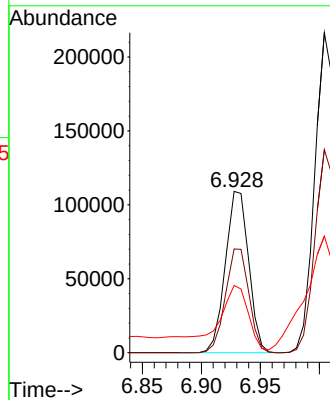
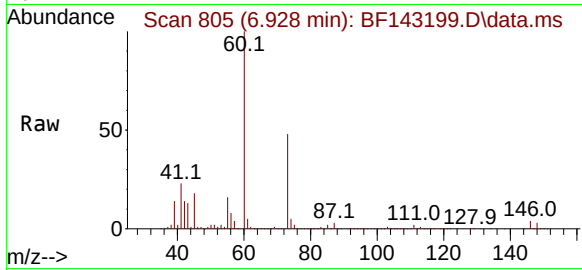
75 41.6 27.4 41.2

Manual Integrations

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Reviewed By :Rahul Chavli 07/23/2025

Supervised By :Jagrut Upadhyay 07/23/2025



#13

1,4-Dichlorobenzene

Concen: 35.652 ng

RT: 7.004 min Scan# 818

Delta R.T. 0.023 min

Lab File: BF143199.D

Acq: 22 Jul 2025 20:20

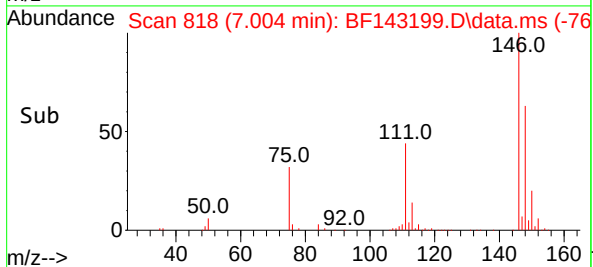
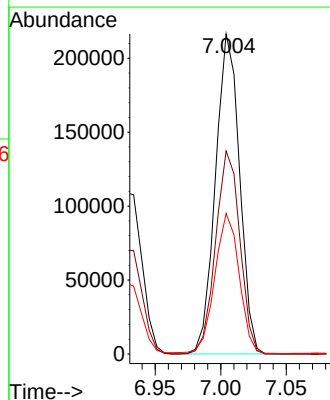
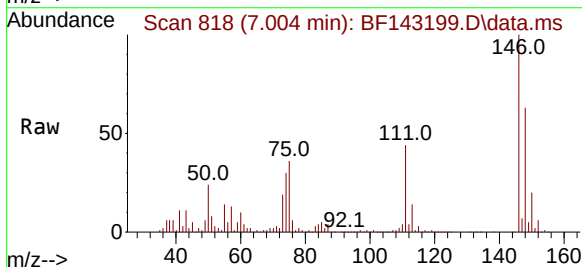
Tgt Ion:146 Resp: 276221

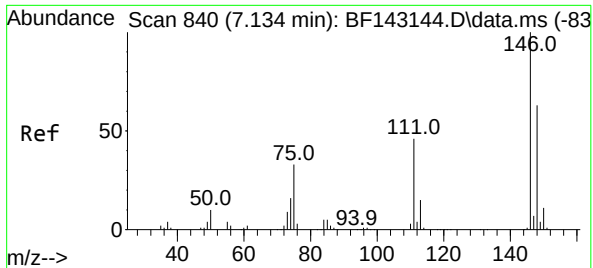
Ion Ratio Lower Upper

146 100

148 63.5 50.3 75.5

111 43.9 34.4 51.6





#14

1,2-Dichlorobenzene

Concen: 29.140 ng

RT: 7.157 min Scan# 84

Delta R.T. 0.023 min

Lab File: BF143199.D

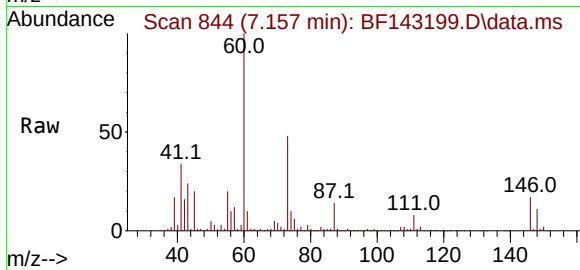
Acq: 22 Jul 2025 20:20

Instrument :

BNA_F

ClientSampleId :

FRAC TANKMS



Tgt Ion:146 Resp: 214730

Ion Ratio Lower Upper

146 100

148 62.6 50.7 76.1

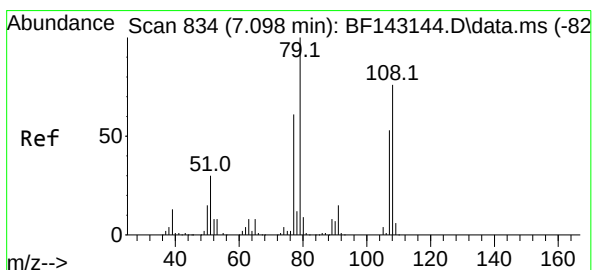
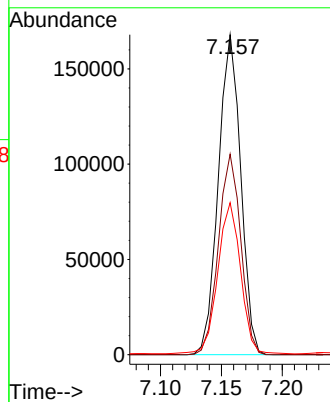
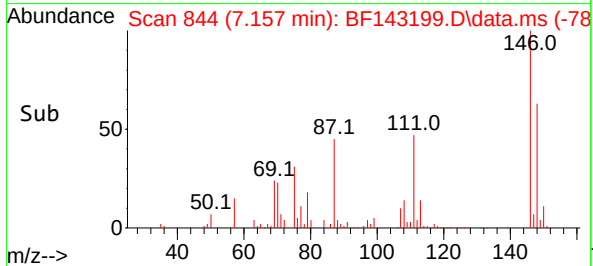
111 47.5 36.6 54.8

Manual Integrations

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Reviewed By :Rahul Chavli 07/23/2025

Supervised By :Jagrut Upadhyay 07/23/2025



#15

Benzyl Alcohol

Concen: 91.326 ng

RT: 7.257 min Scan# 861

Delta R.T. 0.159 min

Lab File: BF143199.D

Acq: 22 Jul 2025 20:20

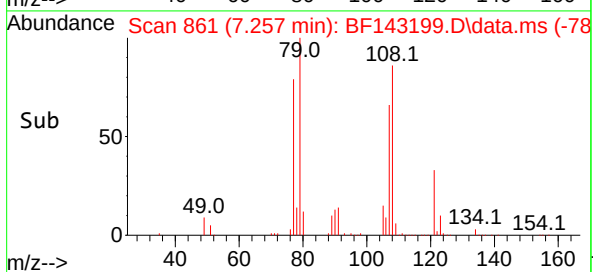
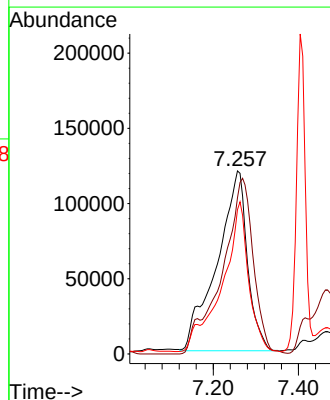
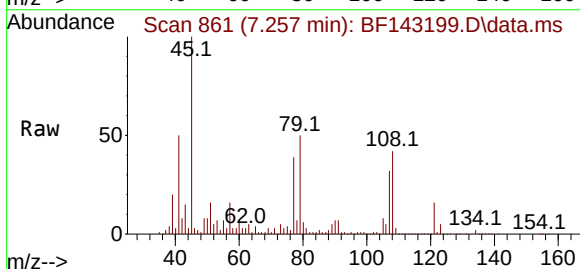
Tgt Ion: 79 Resp: 593018

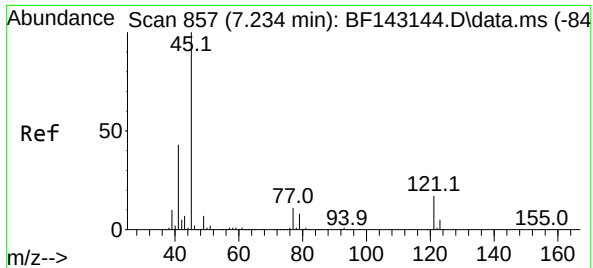
Ion Ratio Lower Upper

79 100

108 85.3 61.1 91.7

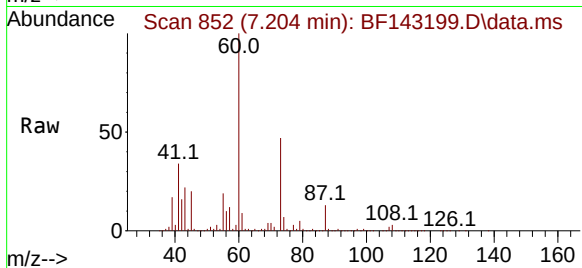
77 78.8 48.9 73.3#





#16
2,2'-oxybis(1-Chloropropane)
Concen: 131.059 ng m
RT: 7.204 min Scan# 80
Delta R.T. -0.029 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

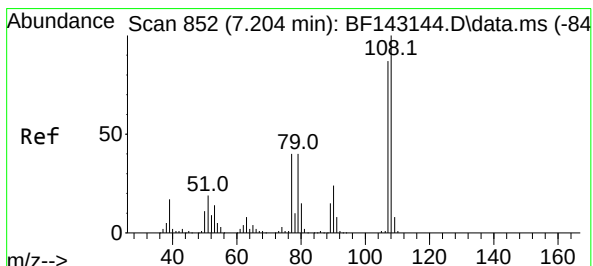
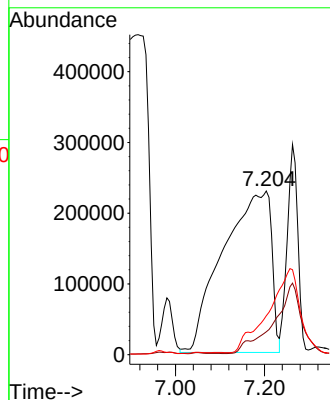
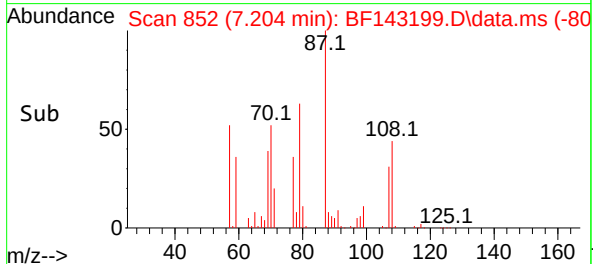
Instrument :
BNA_F
ClientSampleId :
FRAC TANKMS



Tgt Ion: 45 Resp: 1724578
Ion Ratio Lower Upper
45 100
77 14.0 0.0 31.2
79 23.7 0.0 28.5

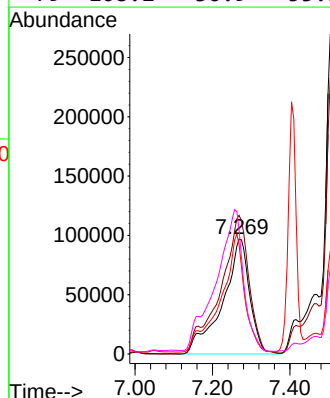
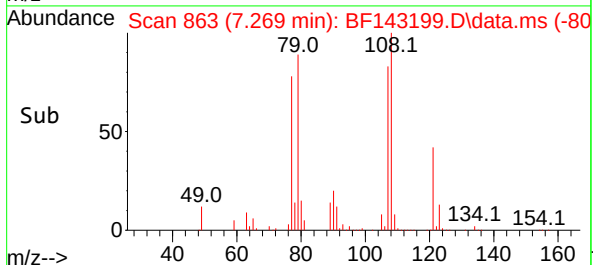
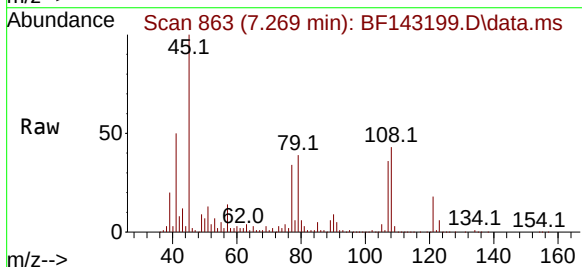
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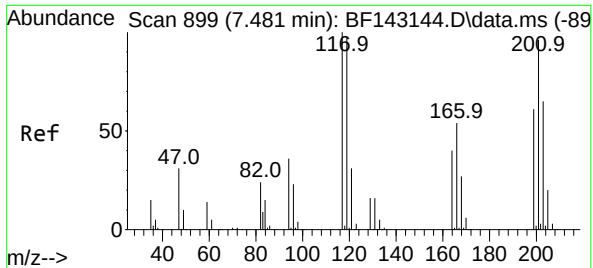
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#17
2-Methylphenol
Concen: 78.849 ng
RT: 7.269 min Scan# 863
Delta R.T. 0.065 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion:107 Resp: 469533
Ion Ratio Lower Upper
107 100
108 120.5 91.8 137.6
77 95.1 37.0 55.6#
79 108.2 36.9 55.3#





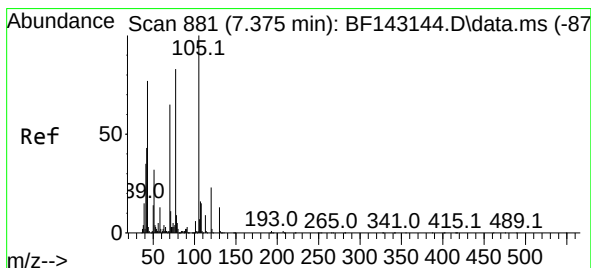
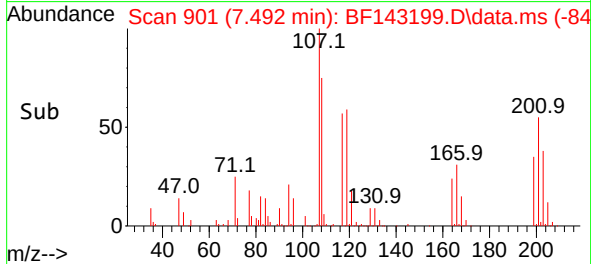
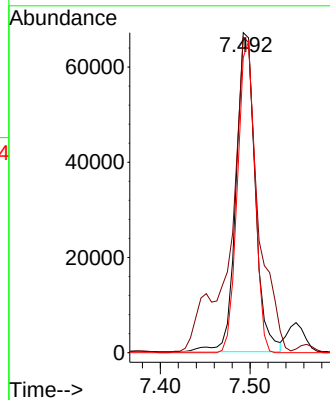
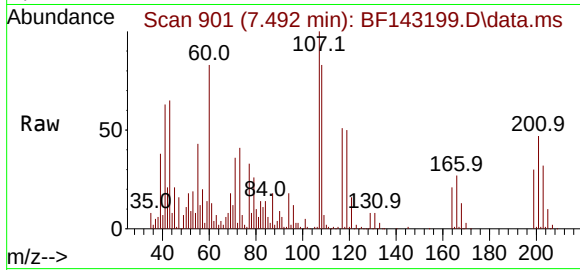
#18
Hexachloroethane
Concen: 37.110 ng
RT: 7.492 min Scan# 901
Delta R.T. 0.012 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Instrument :
BNA_F
ClientSampleId :
FRAC TANKMS

Tgt Ion:117 Resp: 99536
Ion Ratio Lower Upper
117 100
119 98.6 77.8 116.8
201 92.2 77.0 115.4

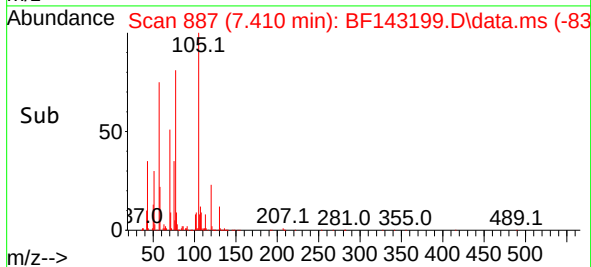
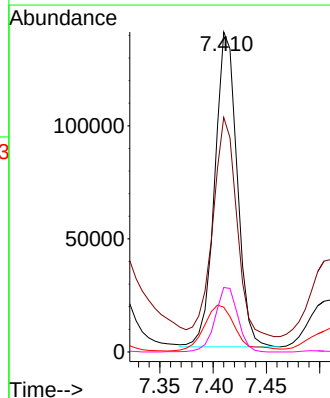
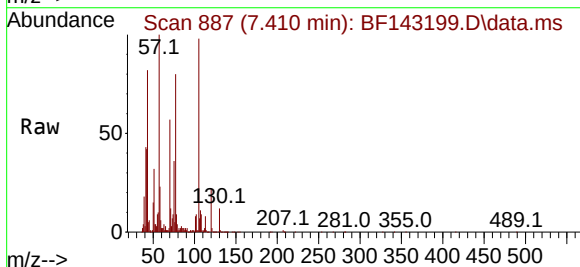
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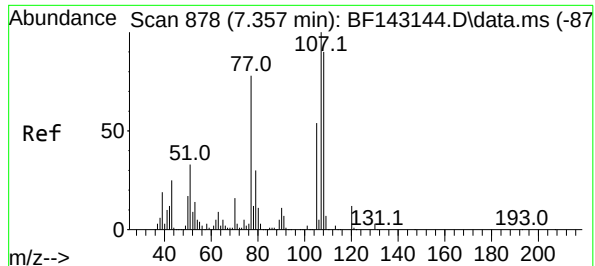
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#19
n-Nitroso-di-n-propylamine
Concen: 37.303 ng
RT: 7.410 min Scan# 887
Delta R.T. 0.035 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion: 70 Resp: 203526
Ion Ratio Lower Upper
70 100
42 73.3 52.5 78.7
101 14.0 7.6 11.4#
130 20.2 16.1 24.1





#20

3+4-Methylphenols

Concen: 52.413 ng m

RT: 7.504 min Scan# 90

Delta R.T. 0.147 min

Lab File: BF143199.D

Acq: 22 Jul 2025 20:20

Instrument :

BNA_F

ClientSampleId :

FRAC TANKMS

Tgt Ion:107 Resp: 378672

Ion Ratio Lower Upper

107 100

108 86.3 70.0 110.0

77 32.3 57.8 97.8

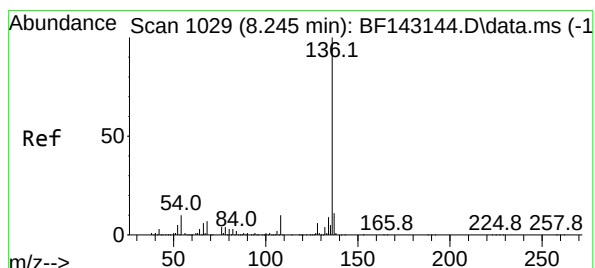
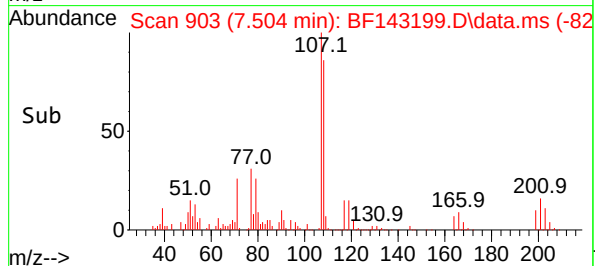
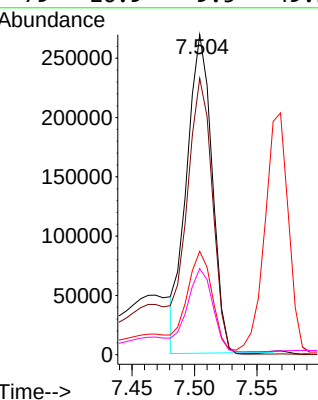
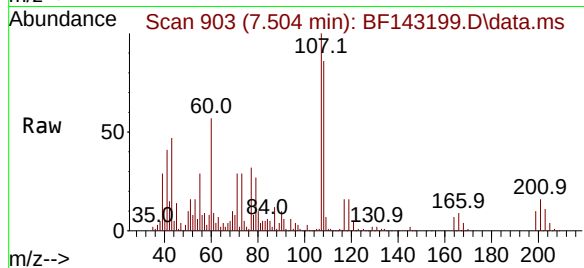
79 26.9 9.5 49.5

Manual Integrations

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Reviewed By :Rahul Chavli 07/23/2025

Supervised By :Jagrut Upadhyay 07/23/2025



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.263 min Scan# 1032

Delta R.T. 0.018 min

Lab File: BF143199.D

Acq: 22 Jul 2025 20:20

Tgt Ion:136 Resp: 403875

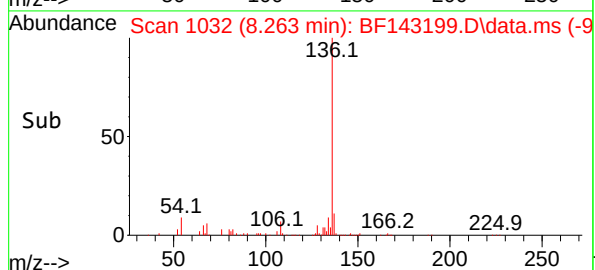
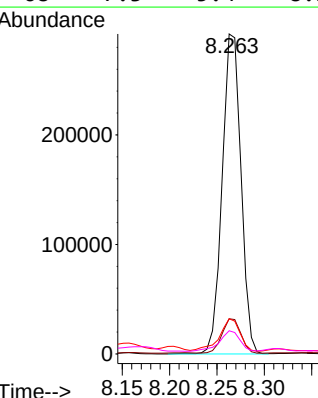
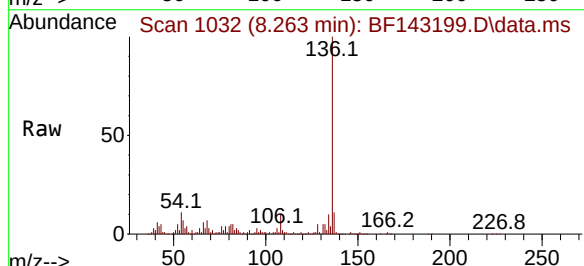
Ion Ratio Lower Upper

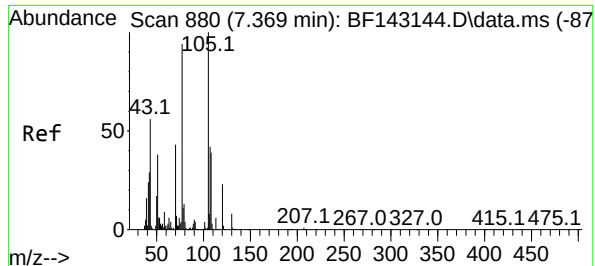
136 100

137 11.0 8.6 13.0

54 11.0 8.2 12.2

68 7.3 5.4 8.2





#22

Acetophenone

Concen: 39.310 ng

RT: 7.404 min Scan# 880

Delta R.T. 0.035 min

Lab File: BF143199.D

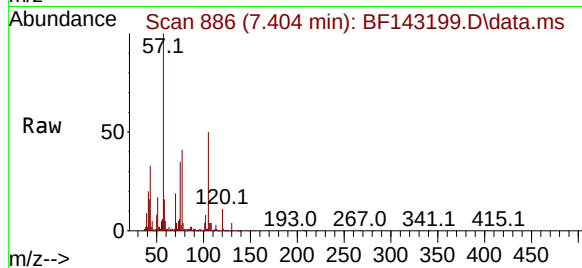
Acq: 22 Jul 2025 20:20

Instrument :

BNA_F

ClientSampleId :

FRAC TANKMS



Tgt Ion: 105 Resp: 375870

Ion Ratio Lower Upper

105 100

71 8.8 5.8 8.6

51 33.9 30.2 45.2

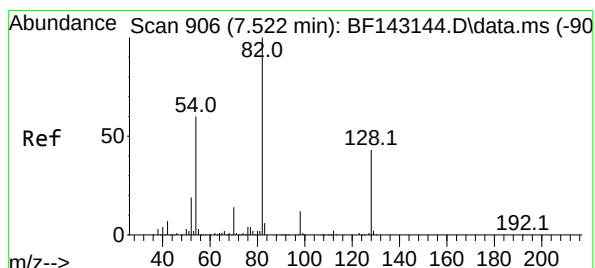
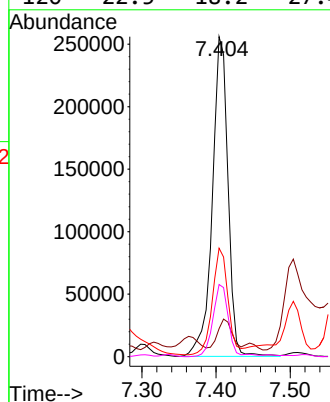
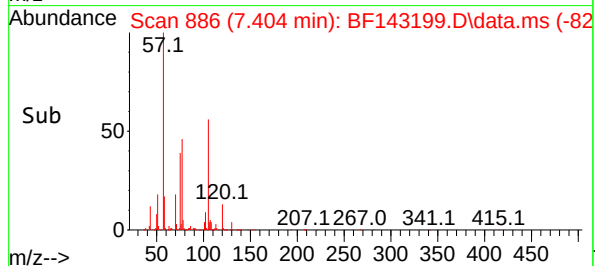
120 22.5 18.2 27.4

Manual Integrations

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Reviewed By :Rahul Chavli 07/23/2025

Supervised By :Jagrut Upadhyay 07/23/2025



#23

Nitrobenzene-d5

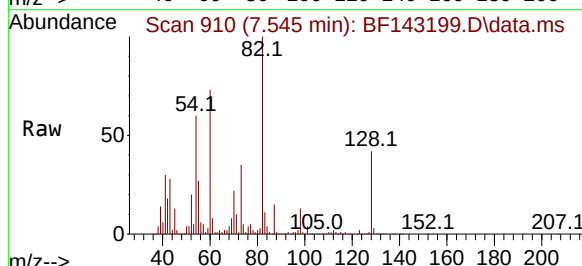
Concen: 68.332 ng

RT: 7.545 min Scan# 910

Delta R.T. 0.023 min

Lab File: BF143199.D

Acq: 22 Jul 2025 20:20



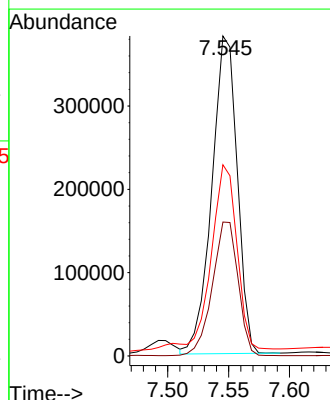
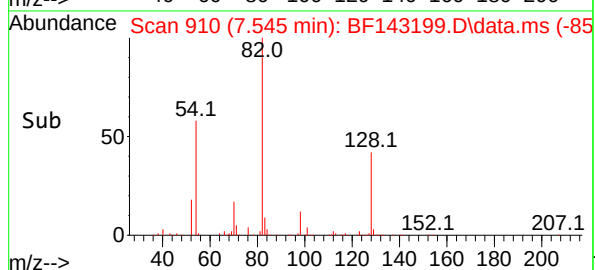
Tgt Ion: 82 Resp: 553643

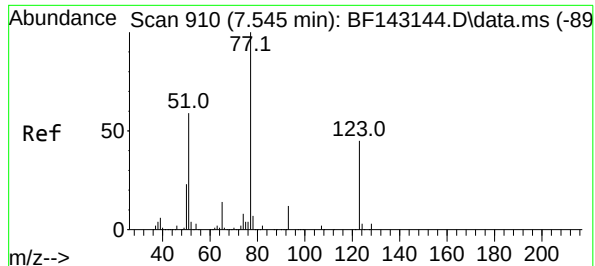
Ion Ratio Lower Upper

82 100

128 41.9 33.6 50.4

54 59.8 47.1 70.7





#24

Nitrobenzene

Concen: 34.748 ng

RT: 7.569 min Scan# 910

Delta R.T. 0.023 min

Lab File: BF143199.D

Acq: 22 Jul 2025 20:20

Instrument :

BNA_F

ClientSampleId :

FRAC TANKMS

Tgt Ion: 77 Resp: 262484

Ion Ratio Lower Upper

77 100

123 44.9 36.1 54.1

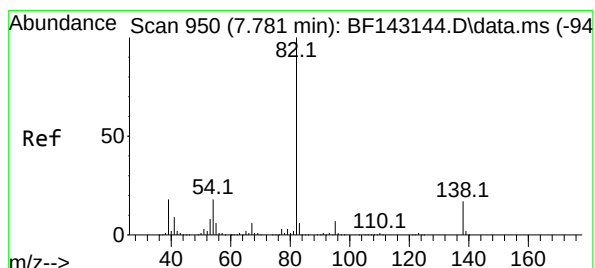
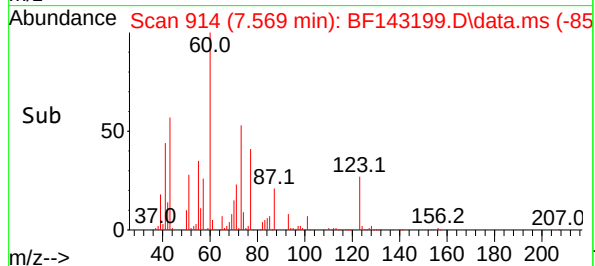
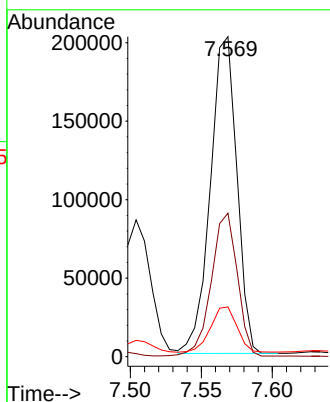
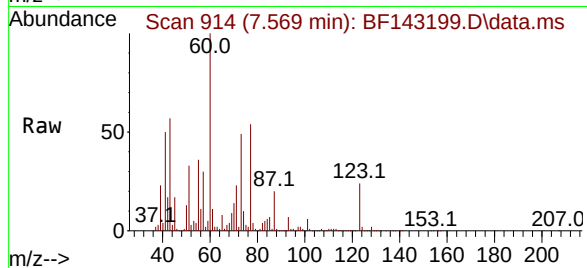
65 15.6 11.4 17.2

Manual Integrations

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Reviewed By :Rahul Chavli 07/23/2025

Supervised By :Jagrut Upadhyay 07/23/2025



#25

Isophorone

Concen: 36.703 ng

RT: 7.881 min Scan# 967

Delta R.T. 0.100 min

Lab File: BF143199.D

Acq: 22 Jul 2025 20:20

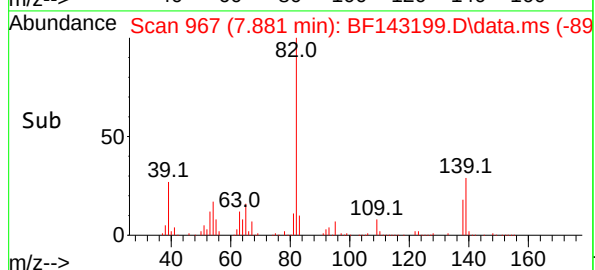
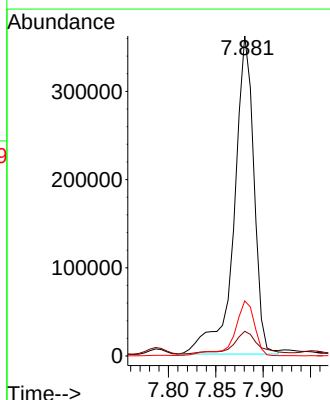
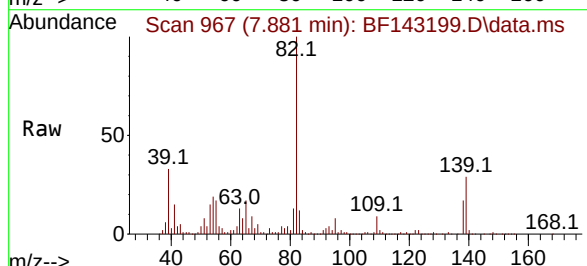
Tgt Ion: 82 Resp: 524966

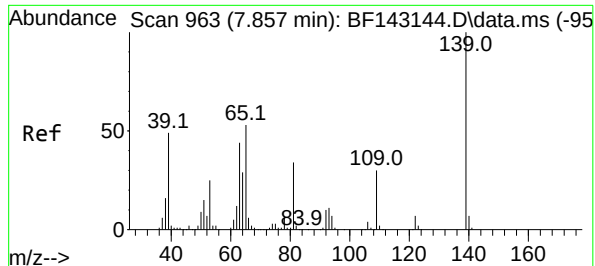
Ion Ratio Lower Upper

82 100

95 7.7 5.5 8.3

138 17.2 13.8 20.8





#26

2-Nitrophenol

Concen: 42.485 ng

RT: 7.881 min Scan# 90

Delta R.T. 0.023 min

Lab File: BF143199.D

Acq: 22 Jul 2025 20:20

Instrument :

BNA_F

ClientSampleId :

FRAC TANKMS

Tgt Ion:139 Resp: 13928

Ion Ratio Lower Upper

139 100

109 30.6 23.6 35.4

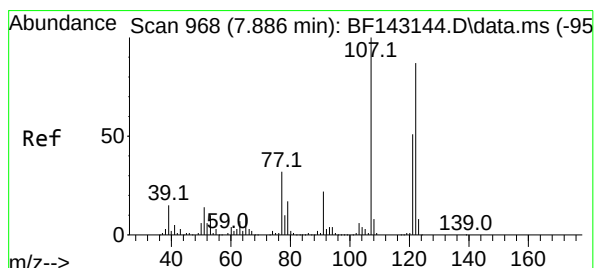
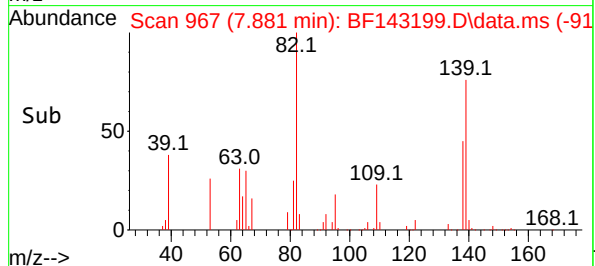
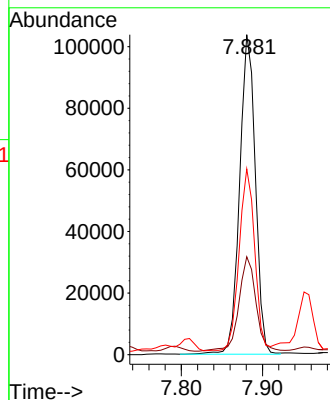
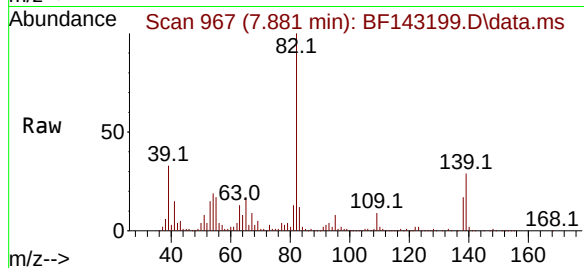
65 58.1 42.6 64.0

Manual Integrations

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Reviewed By :Rahul Chavli 07/23/2025

Supervised By :Jagrut Upadhyay 07/23/2025



#27

2,4-Dimethylphenol

Concen: 34.026 ng

RT: 7.957 min Scan# 980

Delta R.T. 0.071 min

Lab File: BF143199.D

Acq: 22 Jul 2025 20:20

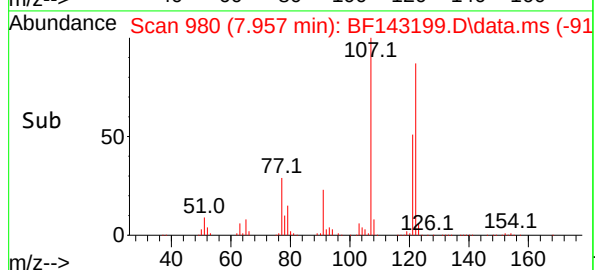
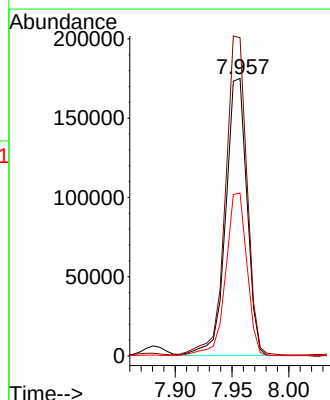
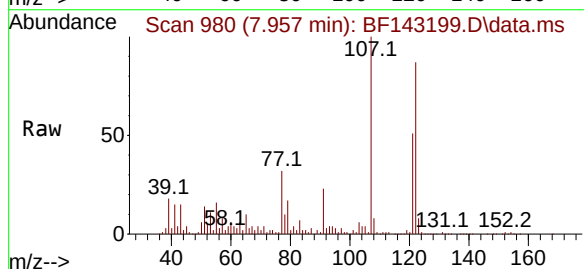
Tgt Ion:122 Resp: 227380

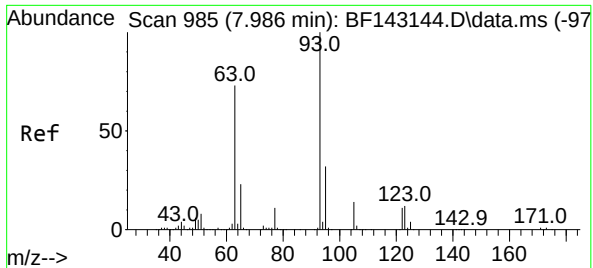
Ion Ratio Lower Upper

122 100

107 114.6 91.8 137.6

121 58.7 46.3 69.5





#28

bis(2-Chloroethoxy)methane

Concen: 37.430 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.035 min

Lab File: BF143199.D

Acq: 22 Jul 2025 20:20

Instrument :

BNA_F

ClientSampleId :

FRAC TANKMS

Tgt Ion: 93 Resp: 32099

Ion Ratio Lower Upper

93 100

95 34.4 25.8 38.6

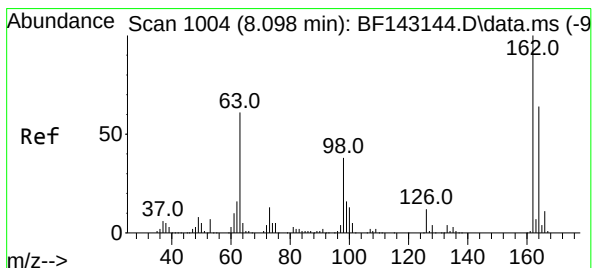
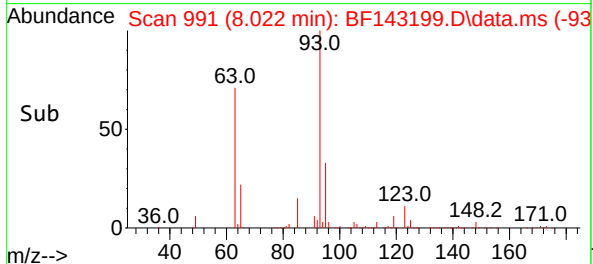
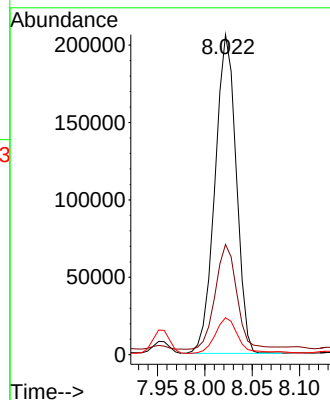
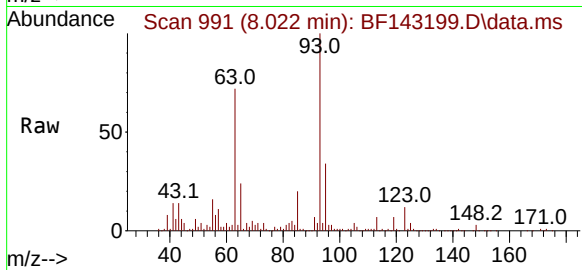
123 11.5 9.7 14.5

Manual Integrations

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Reviewed By :Rahul Chavli 07/23/2025

Supervised By :Jagrut Upadhyay 07/23/2025



#29

2,4-Dichlorophenol

Concen: 32.941 ng

RT: 8.157 min Scan# 1014

Delta R.T. 0.059 min

Lab File: BF143199.D

Acq: 22 Jul 2025 20:20

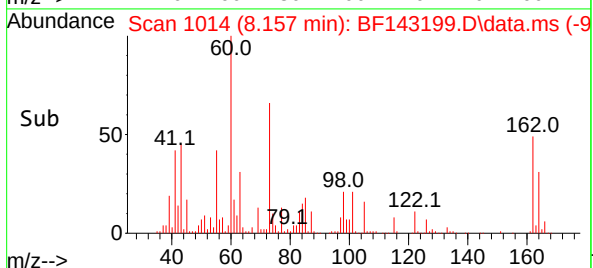
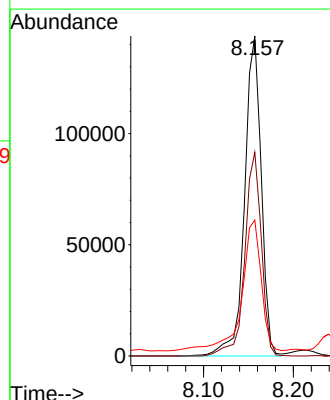
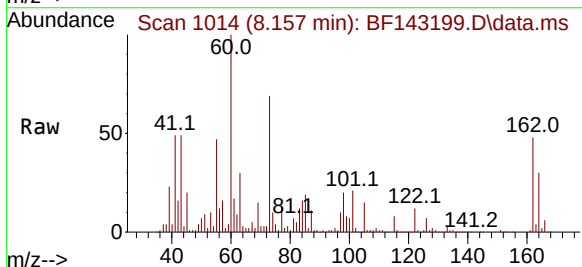
Tgt Ion:162 Resp: 185645

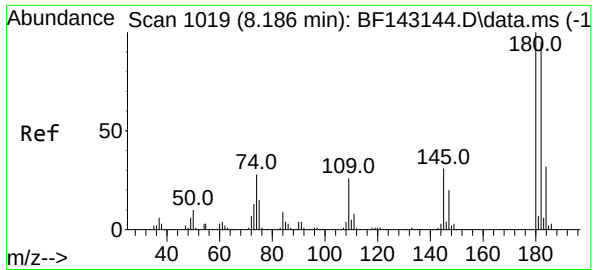
Ion Ratio Lower Upper

162 100

164 63.7 44.2 84.2

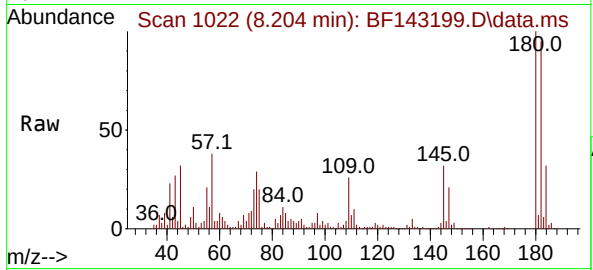
98 42.5 17.9 57.9





#30
1,2,4-Trichlorobenzene
Concen: 35.572 ng
RT: 8.204 min Scan# 1019
Delta R.T. 0.018 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

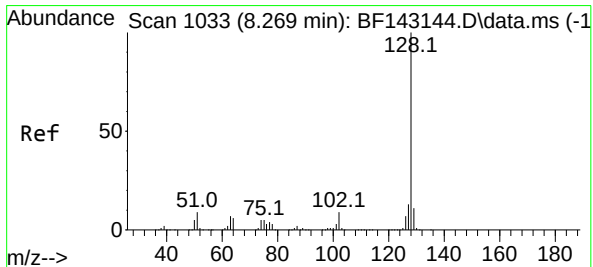
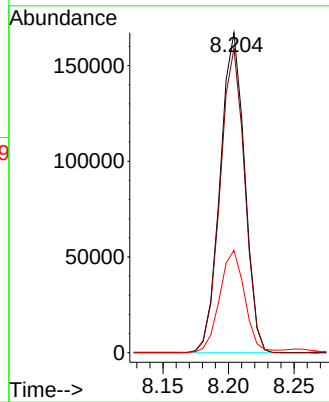
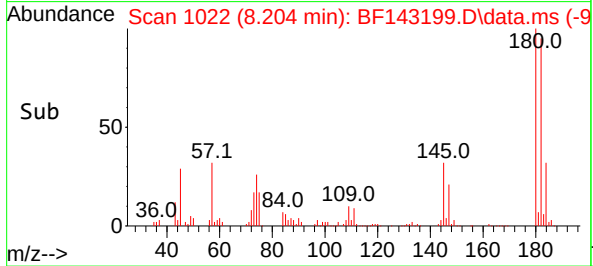
Instrument :
BNA_F
ClientSampleId :
FRAC TANKMS



Tgt Ion:180 Resp: 216579
Ion Ratio Lower Upper
180 100
182 95.1 76.2 114.2
145 32.0 25.0 37.6

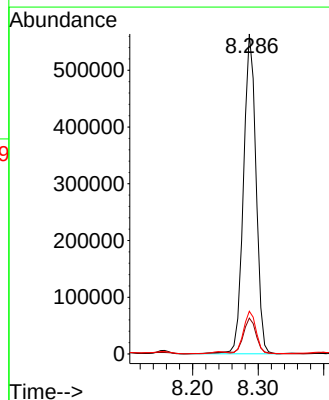
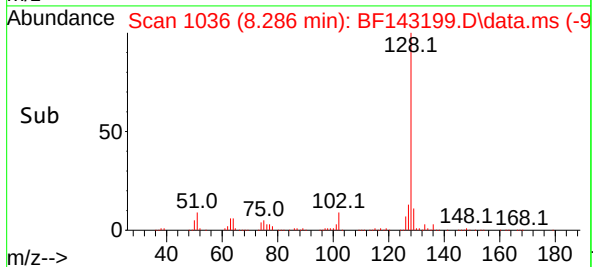
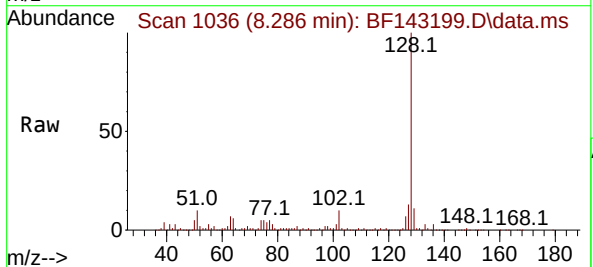
Manual Integrations
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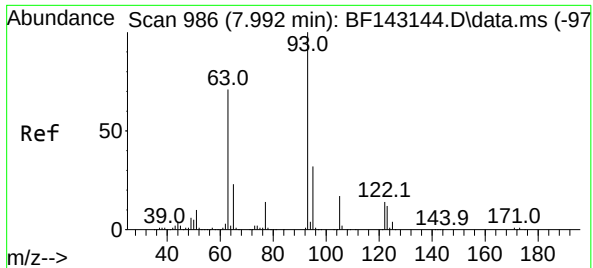
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#31
Naphthalene
Concen: 37.776 ng
RT: 8.286 min Scan# 1036
Delta R.T. 0.018 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

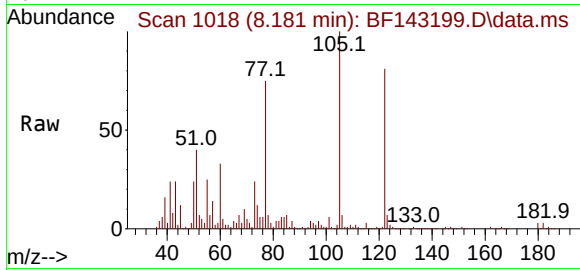
Tgt Ion:128 Resp: 751387
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 13.4 10.6 16.0





#32
Benzoic acid
Concen: 68.976 ng
RT: 8.181 min Scan# 1018
Delta R.T. 0.189 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

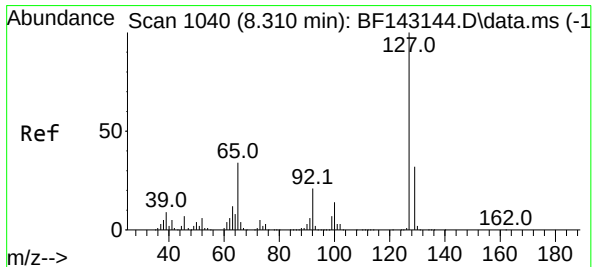
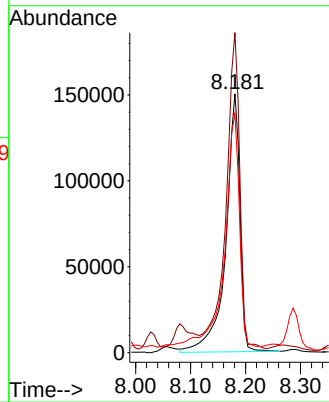
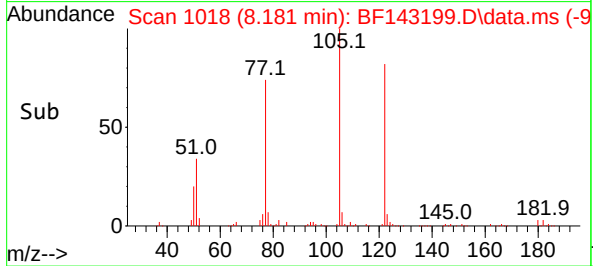
Instrument :
BNA_F
ClientSampleId :
FRAC TANKMS



Tgt Ion:122 Resp: 26919
Ion Ratio Lower Upper
122 100
105 123.6 104.8 144.8
77 92.5 77.6 117.6

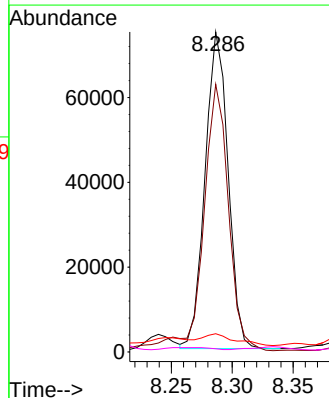
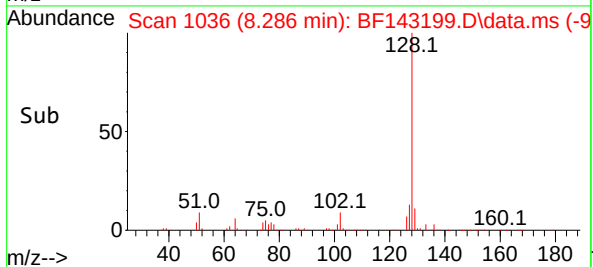
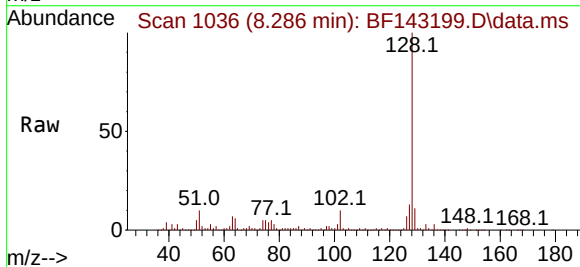
Manual Integrations
APPROVED

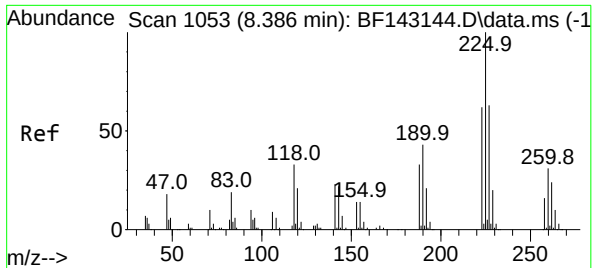
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#33
4-Chloroaniline
Concen: 12.069 ng
RT: 8.286 min Scan# 1036
Delta R.T. -0.024 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

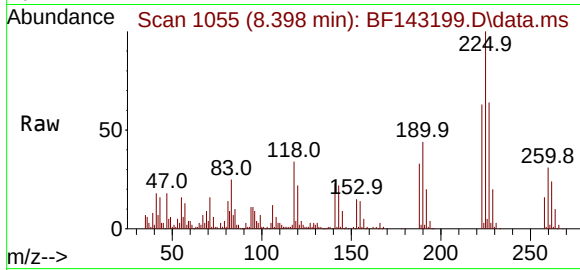
Tgt Ion:127 Resp: 98017
Ion Ratio Lower Upper
127 100
129 83.6 26.0 39.0#
65 5.7 27.4 41.2#
92 1.0 16.8 25.2#





#34
Hexachlorobutadiene
Concen: 37.227 ng
RT: 8.398 min Scan# 1055
Delta R.T. 0.012 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

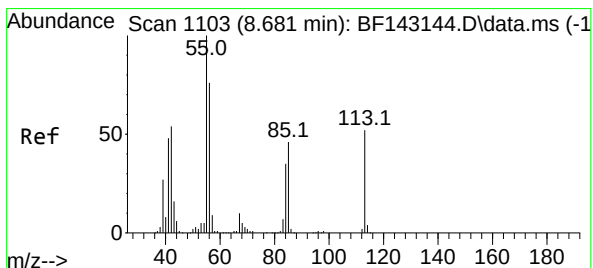
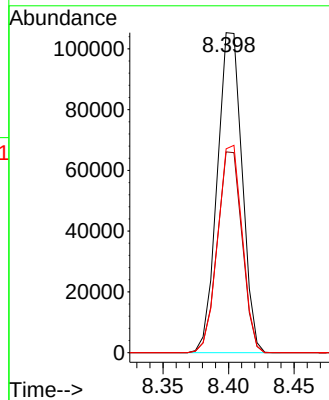
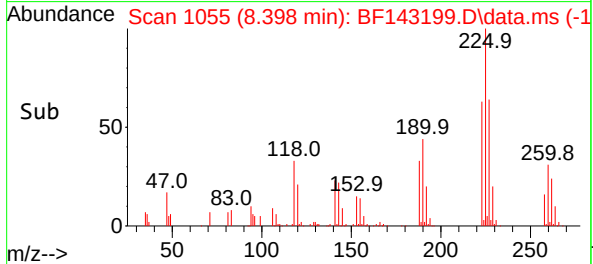
Instrument :
BNA_F
ClientSampleId :
FRAC TANKMS



Tgt Ion:225 Resp: 138458
Ion Ratio Lower Upper
225 100
223 62.7 49.8 74.6
227 63.7 50.2 75.4

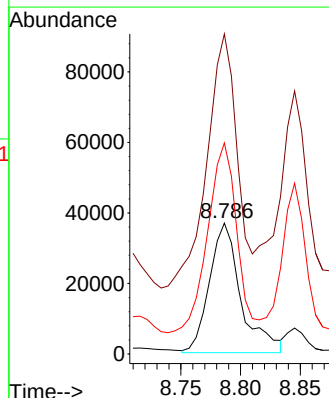
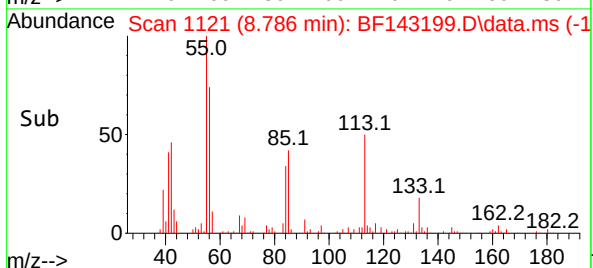
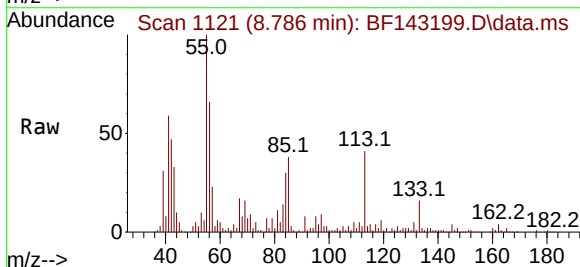
Manual Integrations
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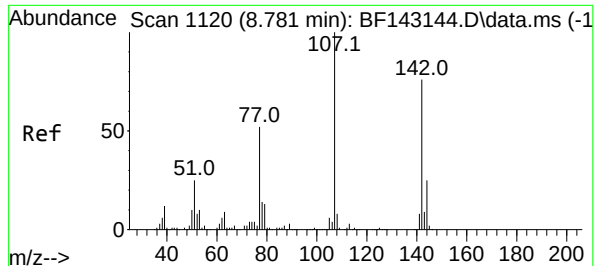
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#35
Caprolactam
Concen: 39.574 ng m
RT: 8.786 min Scan# 1121
Delta R.T. 0.106 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

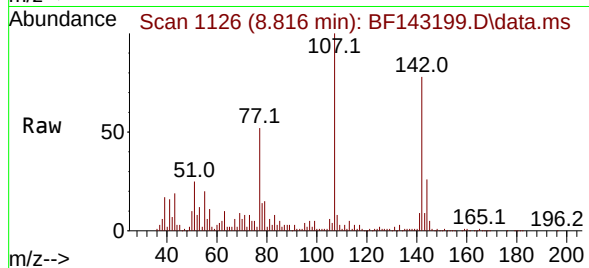
Tgt Ion:113 Resp: 67393
Ion Ratio Lower Upper
113 100
55 244.6 174.0 214.0#
56 161.3 126.6 166.6





#36
4-Chloro-3-methylphenol
Concen: 32.708 ng
RT: 8.816 min Scan# 1126
Delta R.T. 0.035 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

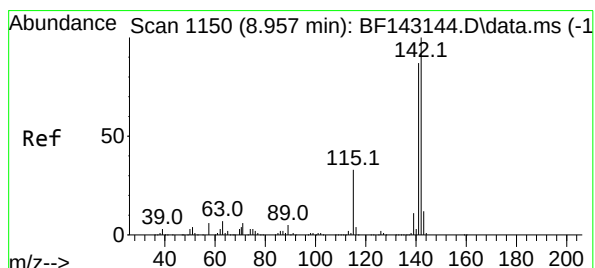
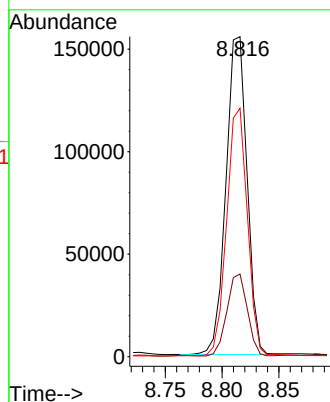
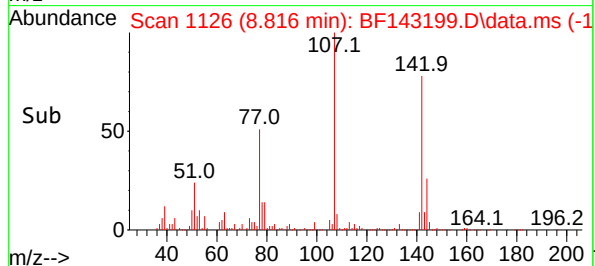
Instrument :
BNA_F
ClientSampleId :
FRAC TANKMS



Tgt Ion:107 Resp: 20034
Ion Ratio Lower Upper
107 100
144 25.9 19.8 29.6
142 77.7 60.6 90.8

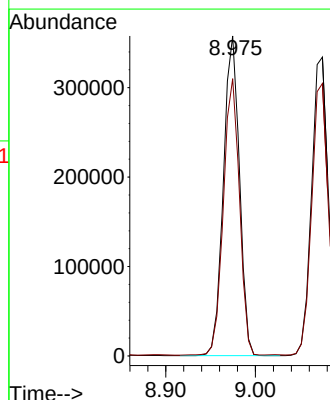
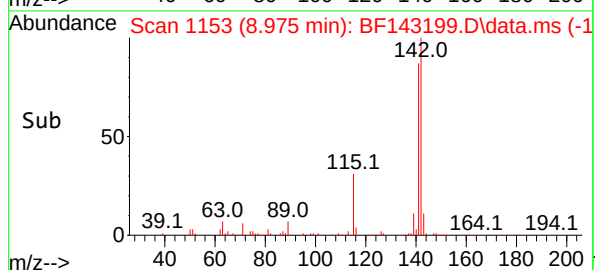
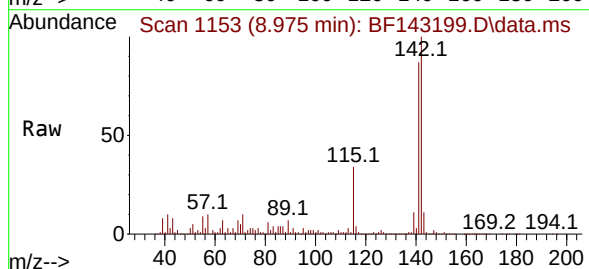
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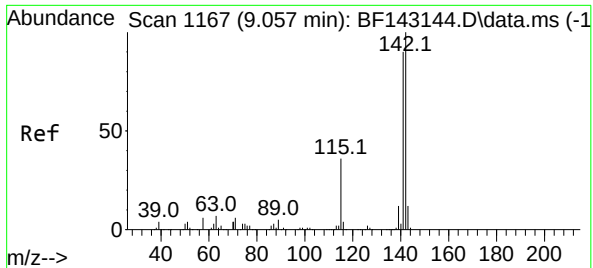
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#37
2-Methylnaphthalene
Concen: 36.634 ng
RT: 8.975 min Scan# 1153
Delta R.T. 0.018 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion:142 Resp: 443408
Ion Ratio Lower Upper
142 100
141 86.7 69.9 104.9





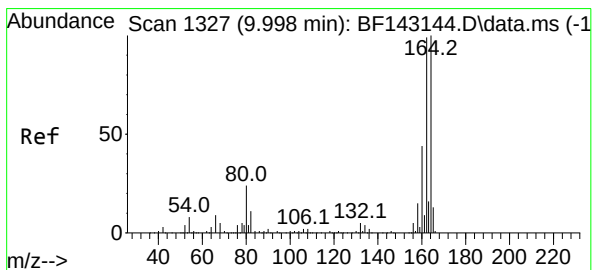
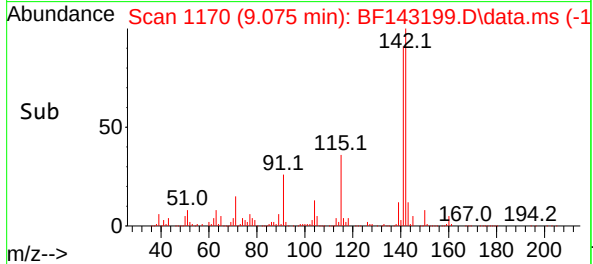
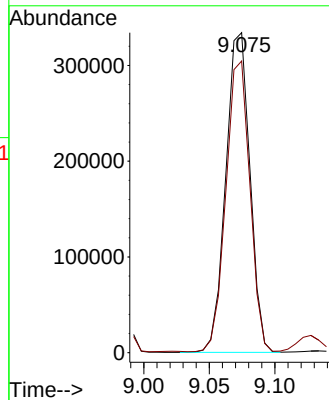
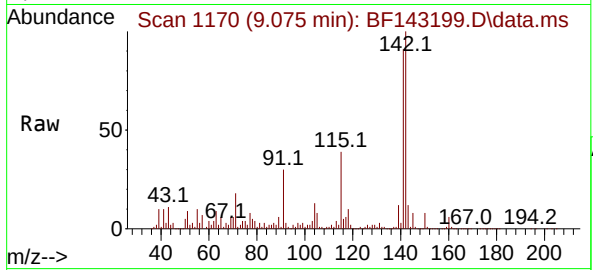
#38
1-Methylnaphthalene
Concen: 34.298 ng
RT: 9.075 min Scan# 1167
Delta R.T. 0.018 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Instrument :
BNA_F
ClientSampleId :
FRAC TANKMS

Tgt Ion:142 Resp: 427480
Ion Ratio Lower Upper
142 100
141 91.2 72.3 108.5

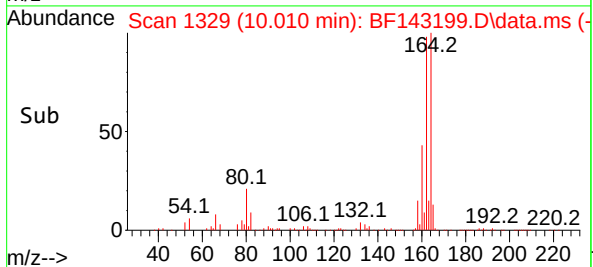
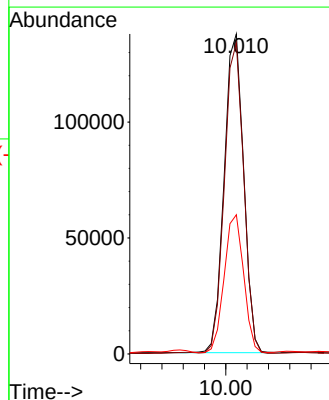
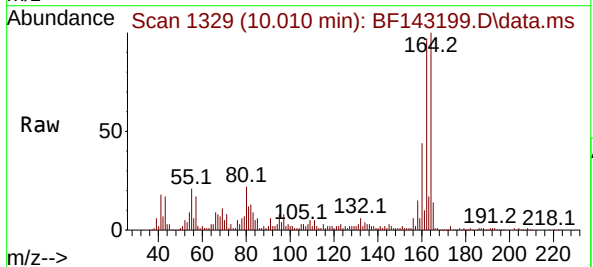
Manual Integrations
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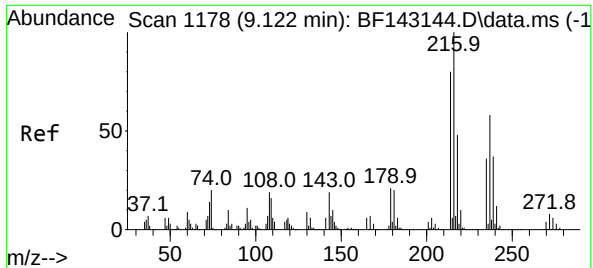
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1329
Delta R.T. 0.012 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

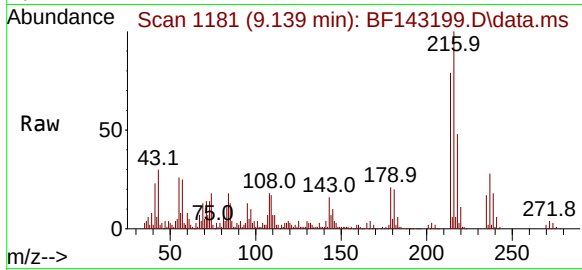
Tgt Ion:164 Resp: 174208
Ion Ratio Lower Upper
164 100
162 97.2 79.0 118.6
160 43.5 35.1 52.7





#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.979 ng
RT: 9.139 min Scan# 1181
Delta R.T. 0.018 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

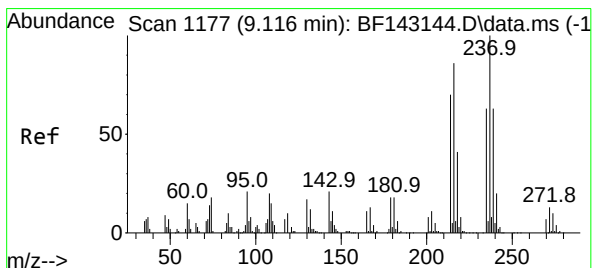
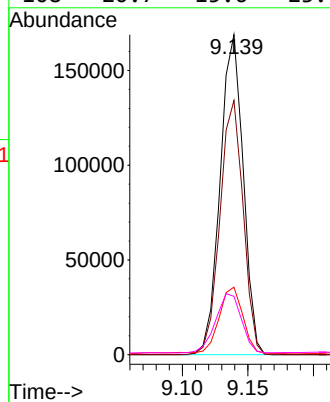
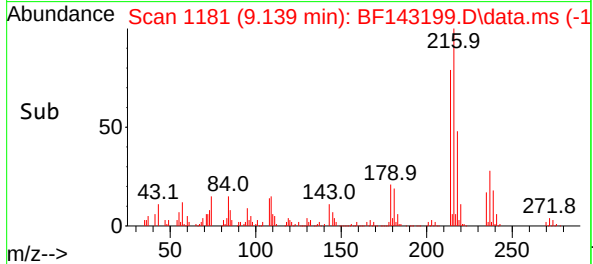
Instrument :
BNA_F
ClientSampleId :
FRAC TANKMS



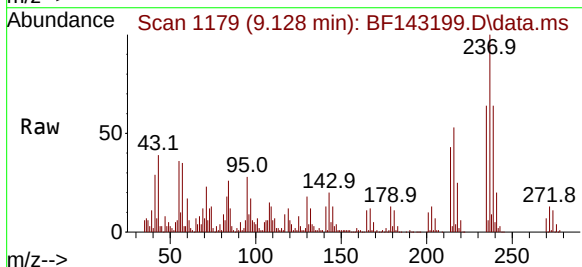
Tgt Ion:216 Resp: 206100
Ion Ratio Lower Upper
216 100
214 79.8 63.8 95.8
179 22.3 16.4 24.6
108 20.7 15.6 23.4

Manual Integrations
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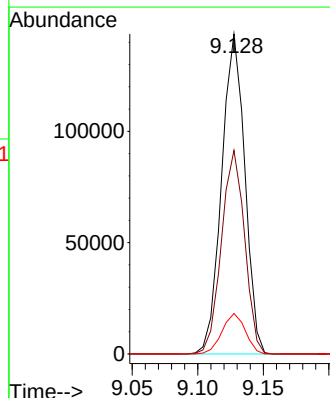
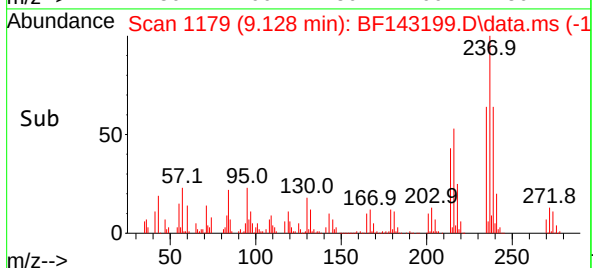
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

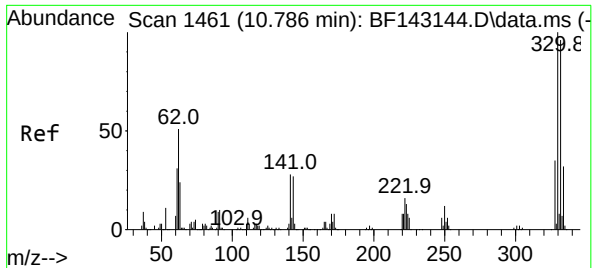


#41
Hexachlorocyclopentadiene
Concen: 53.988 ng
RT: 9.128 min Scan# 1179
Delta R.T. 0.012 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20



Tgt Ion:237 Resp: 176682
Ion Ratio Lower Upper
237 100
235 63.6 43.0 83.0
272 12.7 0.0 33.3





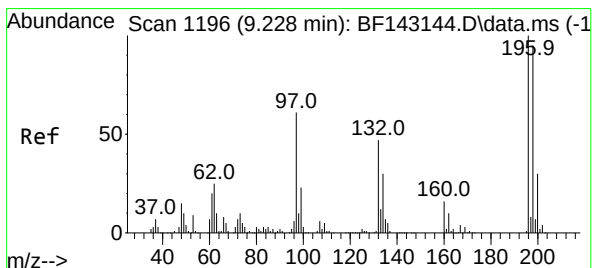
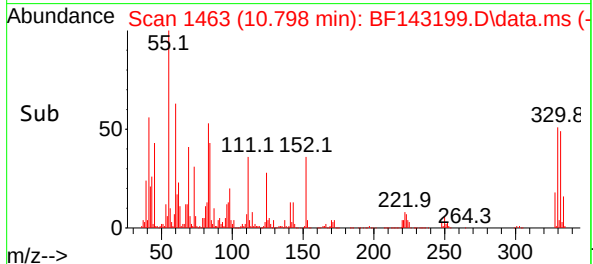
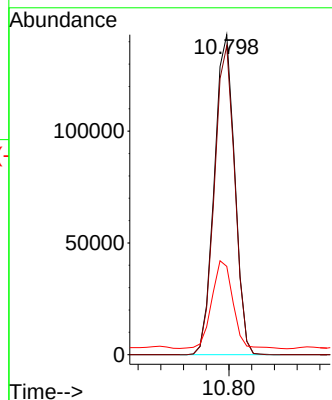
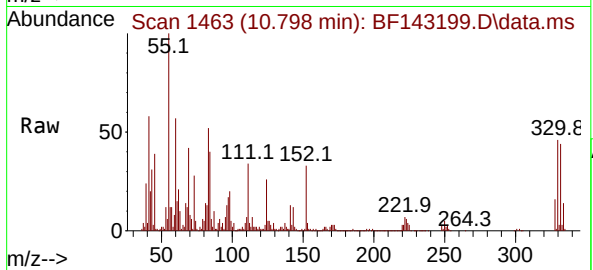
#42
2,4,6-Tribromophenol
Concen: 99.053 ng
RT: 10.798 min Scan# 1461
Delta R.T. 0.012 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Instrument :
BNA_F
ClientSampleId :
FRAC TANKMS

Tgt Ion:330 Resp: 17826
Ion Ratio Lower Upper
330 100
332 96.3 76.7 115.1
141 28.6 23.3 34.9

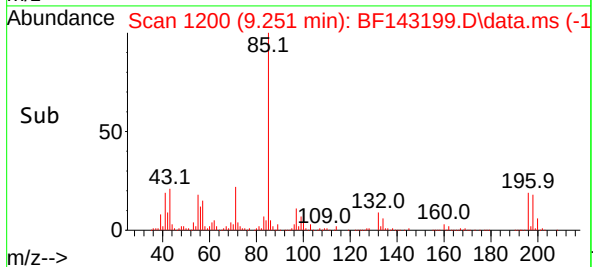
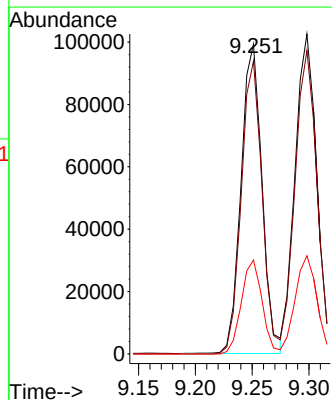
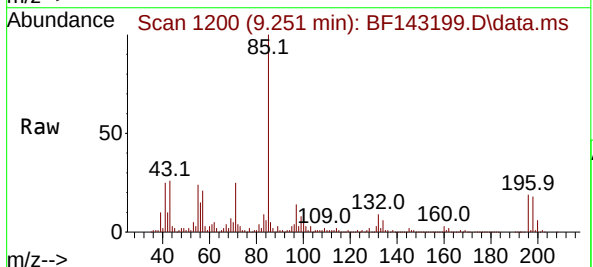
Manual Integrations
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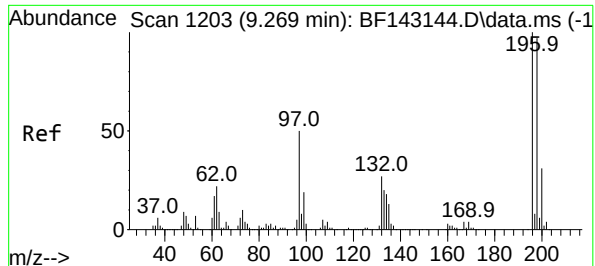
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#43
2,4,6-Trichlorophenol
Concen: 36.459 ng
RT: 9.251 min Scan# 1200
Delta R.T. 0.023 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion:196 Resp: 126910
Ion Ratio Lower Upper
196 100
198 94.5 76.2 114.2
200 30.3 23.9 35.9





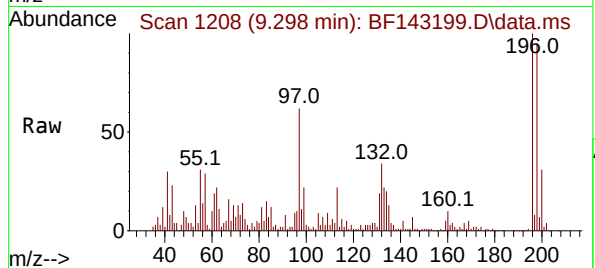
#44
2,4,5-Trichlorophenol
Concen: 38.713 ng
RT: 9.298 min Scan# 1208
Delta R.T. 0.029 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Instrument :

BNA_F

ClientSampleId :

FRAC TANKMS



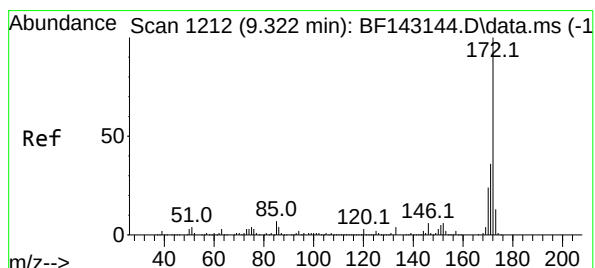
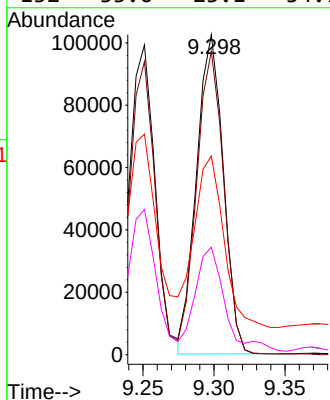
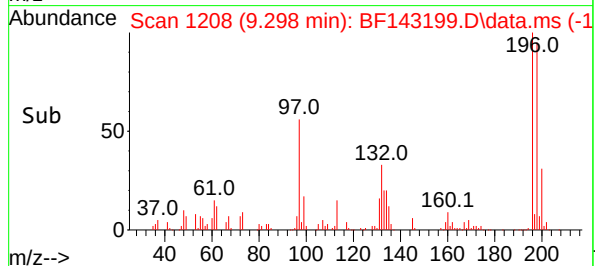
Tgt Ion:196 Resp: 13479
Ion Ratio Lower Upper
196 100
198 94.9 77.3 115.9
97 62.1 40.3 60.5
132 33.6 23.1 34.7

Manual Integrations

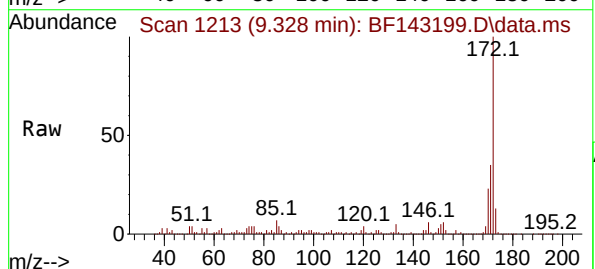
APPROVED

Reviewed By :Rahul Chavli 07/23/2025

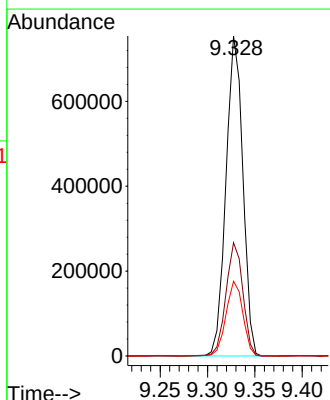
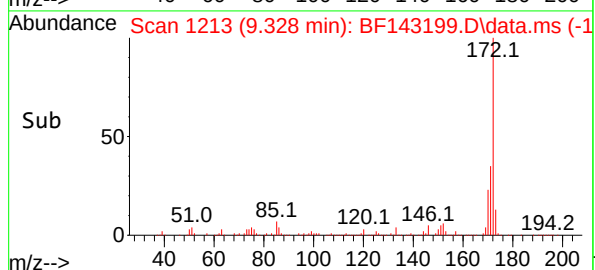
Supervised By :Jagrut Upadhyay 07/23/2025

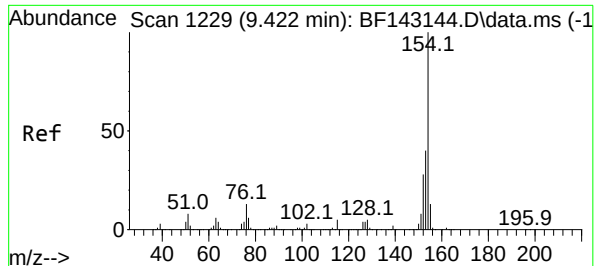


#45
2-Fluorobiphenyl
Concen: 73.412 ng
RT: 9.328 min Scan# 1213
Delta R.T. 0.006 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20



Tgt Ion:172 Resp: 935127
Ion Ratio Lower Upper
172 100
171 35.4 28.6 42.8
170 23.4 18.8 28.2





#46

1,1'-Biphenyl

Concen: 41.488 ng

RT: 9.428 min Scan# 1229

Delta R.T. 0.006 min

Lab File: BF143199.D

Acq: 22 Jul 2025 20:20

Instrument :

BNA_F

ClientSampleId :

FRAC TANKMS

Tgt Ion:154 Resp: 56389

Ion Ratio Lower Upper

154 100

153 40.3 20.3 60.3

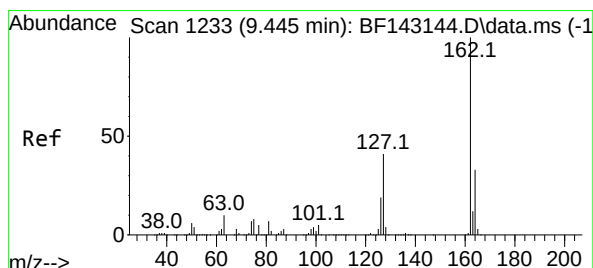
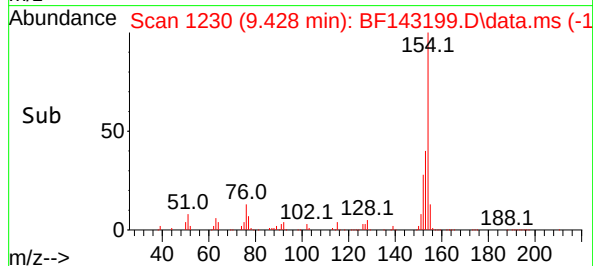
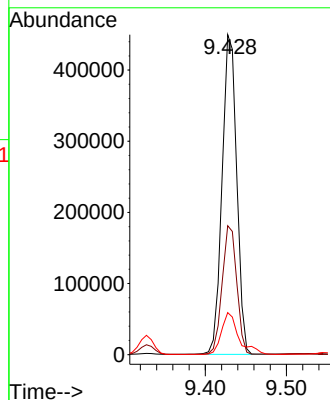
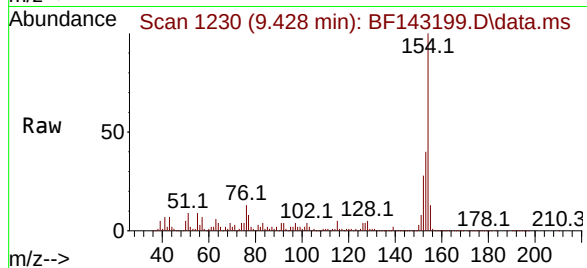
76 13.2 0.0 33.3

Manual Integrations

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Reviewed By :Rahul Chavli 07/23/2025

Supervised By :Jagrut Upadhyay 07/23/2025



#47

2-Chloronaphthalene

Concen: 39.817 ng

RT: 9.457 min Scan# 1235

Delta R.T. 0.012 min

Lab File: BF143199.D

Acq: 22 Jul 2025 20:20

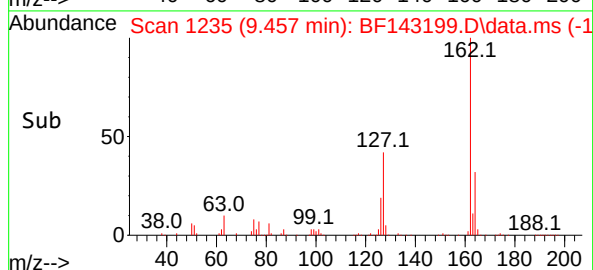
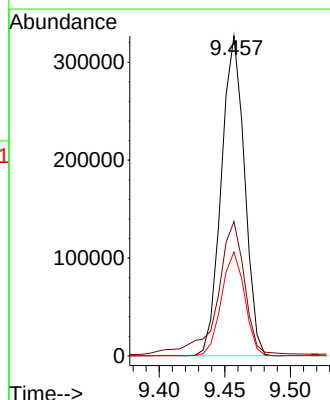
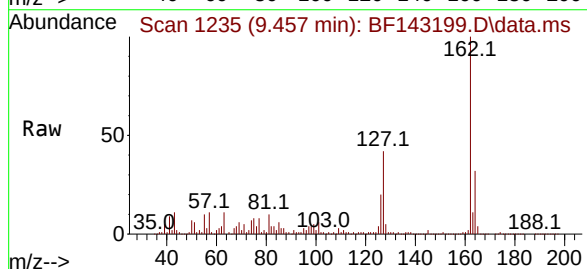
Tgt Ion:162 Resp: 400436

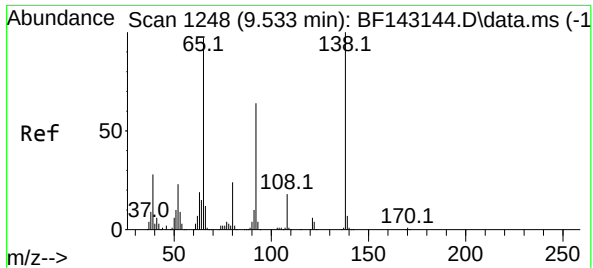
Ion Ratio Lower Upper

162 100

127 42.0 33.4 50.2

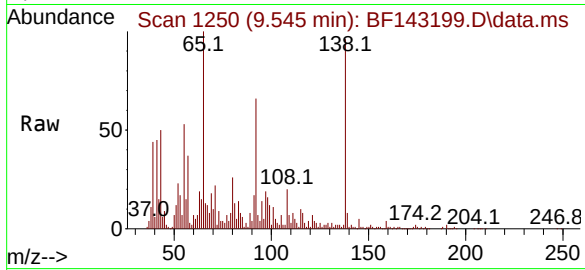
164 32.5 26.2 39.2





#48
2-Nitroaniline
Concen: 41.864 ng
RT: 9.545 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

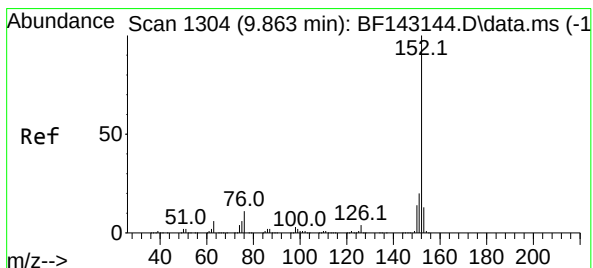
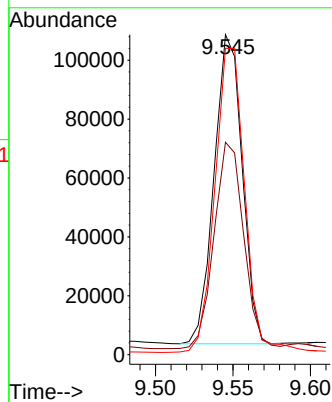
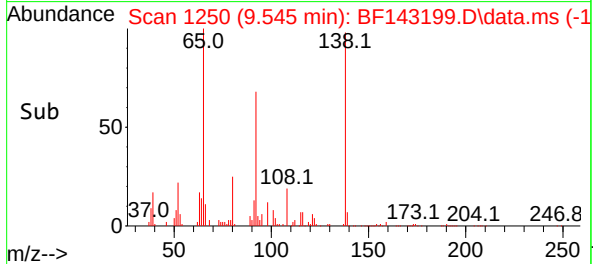
Instrument :
BNA_F
ClientSampleId :
FRAC TANKMS



Tgt Ion: 65 Resp: 13203
Ion Ratio Lower Upper
65 100
92 66.4 52.4 78.6
138 95.8 82.3 123.5

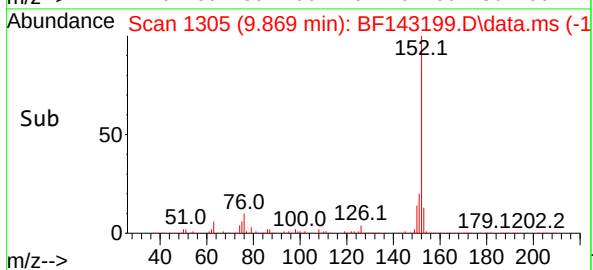
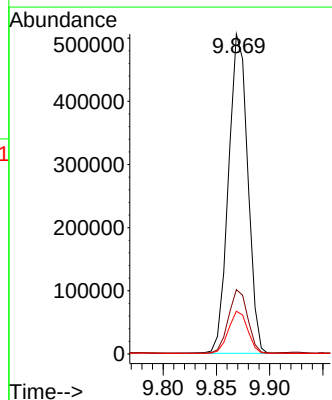
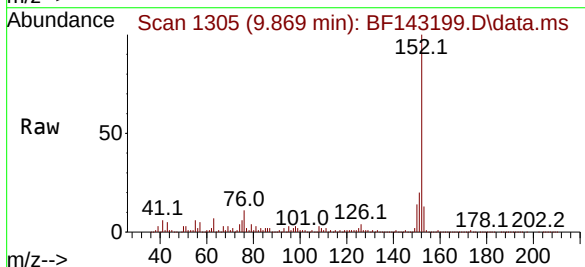
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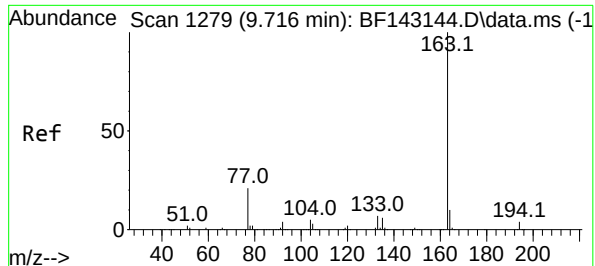
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#49
Acenaphthylene
Concen: 37.632 ng
RT: 9.869 min Scan# 1305
Delta R.T. 0.006 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion:152 Resp: 634232
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 13.3 10.6 16.0





#50

Dimethylphthalate

Concen: 39.673 ng

RT: 9.727 min Scan# 1281

Delta R.T. 0.012 min

Lab File: BF143199.D

Acq: 22 Jul 2025 20:20

Instrument :

BNA_F

ClientSampleId :

FRAC TANKMS

Tgt Ion:163 Resp: 45049

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.2

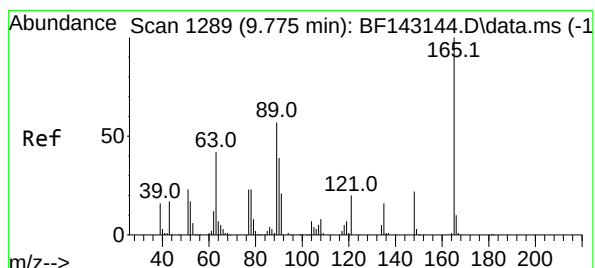
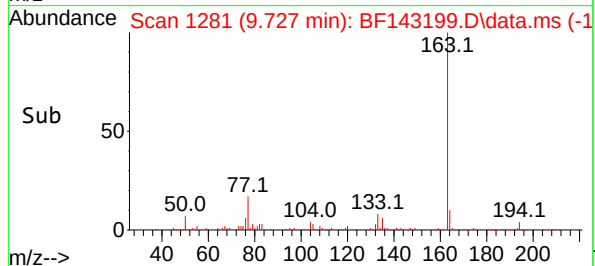
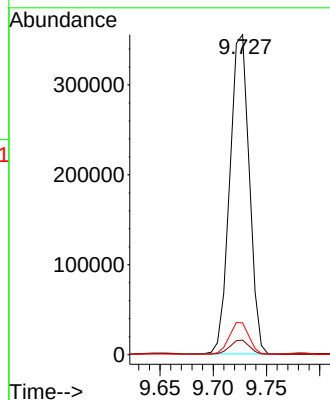
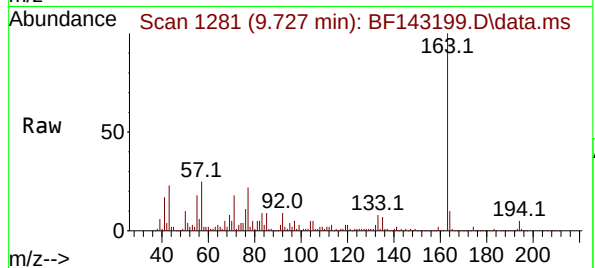
164 10.0 8.3 12.5

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Reviewed By :Rahul Chavli 07/23/2025

Supervised By :Jagrut Upadhyay 07/23/2025



#51

2,6-Dinitrotoluene

Concen: 41.471 ng

RT: 9.780 min Scan# 1290

Delta R.T. 0.006 min

Lab File: BF143199.D

Acq: 22 Jul 2025 20:20

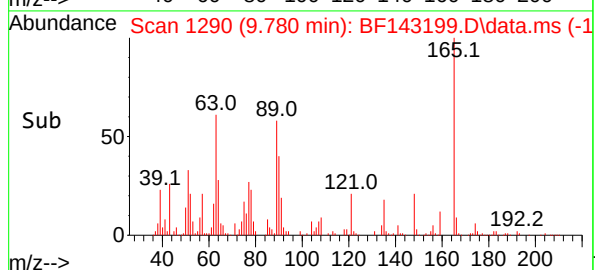
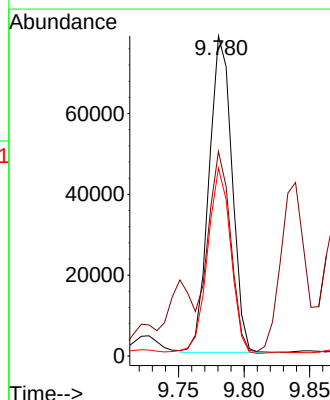
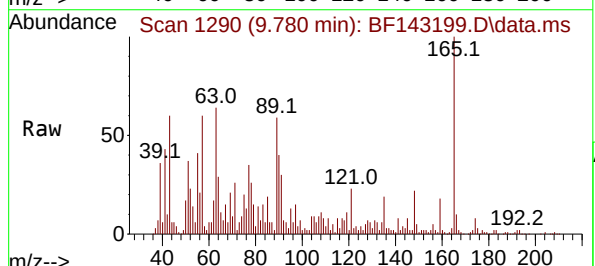
Tgt Ion:165 Resp: 95799

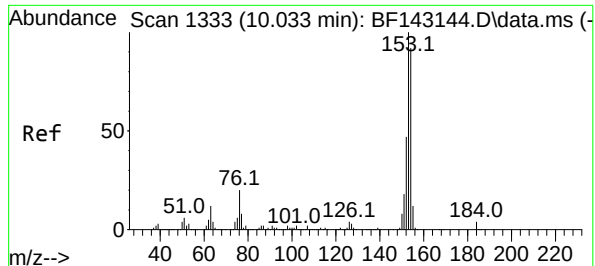
Ion Ratio Lower Upper

165 100

63 63.9 49.4 74.2

89 58.7 46.2 69.2





#52

Acenaphthene

Concen: 40.018 ng

RT: 10.039 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF143199.D

Acq: 22 Jul 2025 20:20

Instrument :

BNA_F

ClientSampleId :

FRAC TANKMS

Tgt Ion:154 Resp: 398628

Ion Ratio Lower Upper

154 100

153 109.0 86.6 129.8

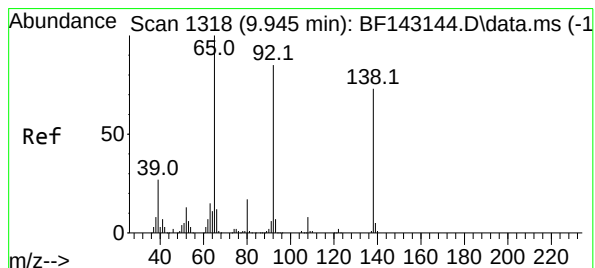
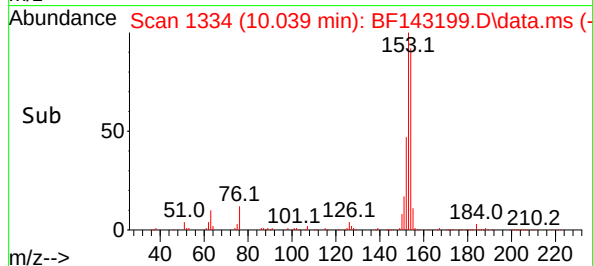
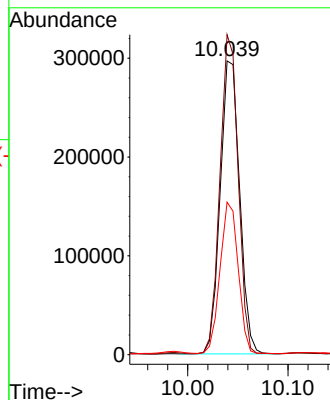
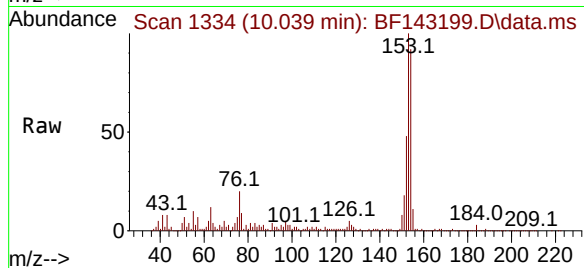
152 51.9 40.4 60.6

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Reviewed By :Rahul Chavli 07/23/2025

Supervised By :Jagrut Upadhyay 07/23/2025



#53

3-Nitroaniline

Concen: 2.550 ng

RT: 9.963 min Scan# 1321

Delta R.T. 0.018 min

Lab File: BF143199.D

Acq: 22 Jul 2025 20:20

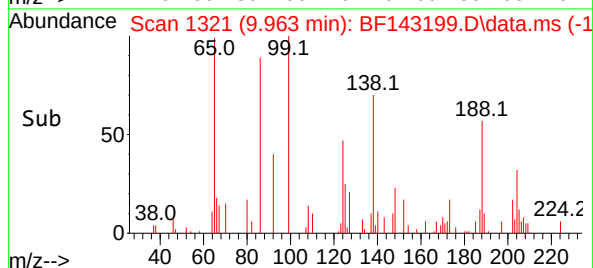
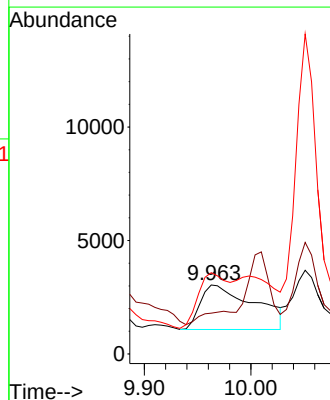
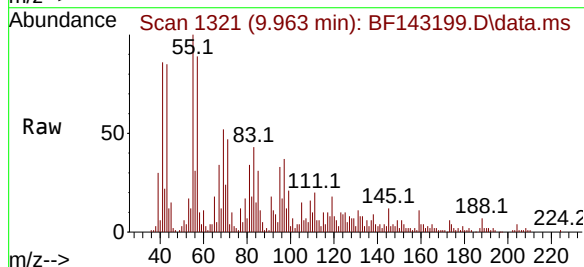
Tgt Ion:138 Resp: 6891

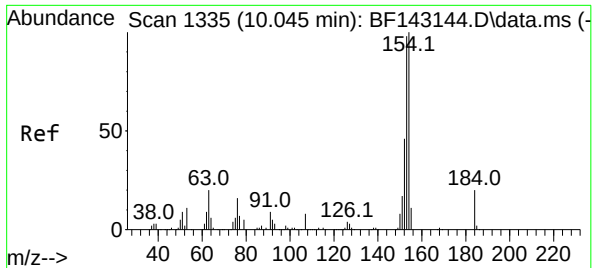
Ion Ratio Lower Upper

138 100

108 59.2 9.0 13.6#

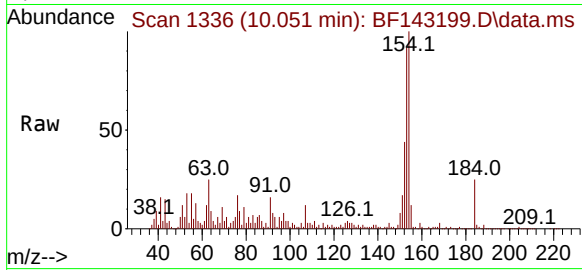
92 117.7 93.0 139.4





#54
2,4-Dinitrophenol
Concen: 55.089 ng
RT: 10.051 min Scan# 1335
Delta R.T. 0.006 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

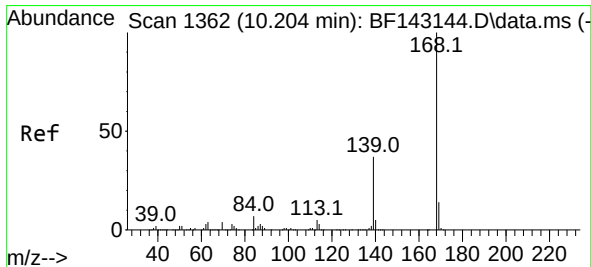
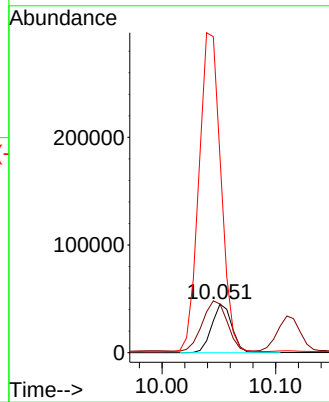
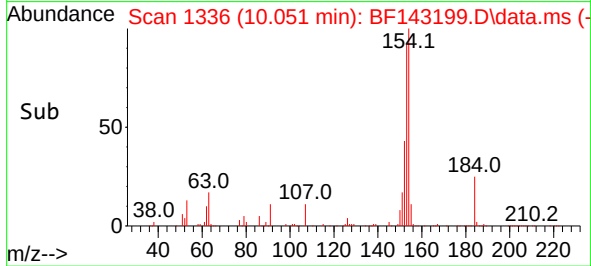
Instrument :
BNA_F
ClientSampleId :
FRAC TANKMS



Tgt Ion:184 Resp: 55300
Ion Ratio Lower Upper
184 100
63 99.9 81.8 122.6
154 400.2 412.2 618.4

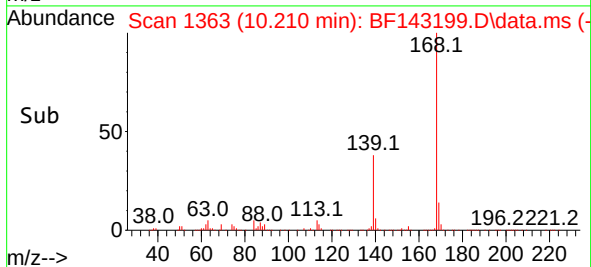
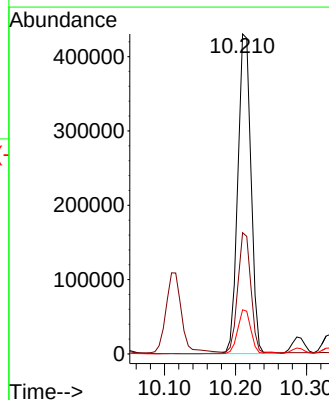
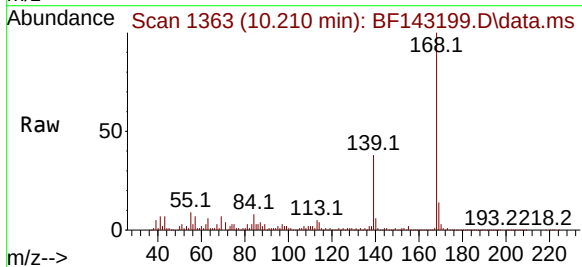
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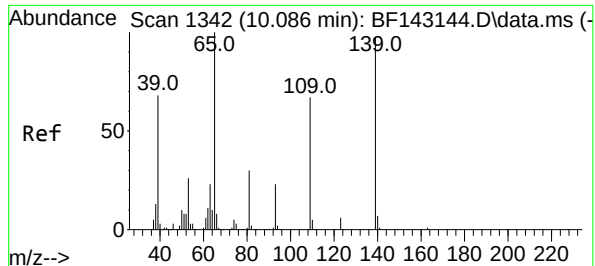
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#55
Dibenzofuran
Concen: 37.495 ng
RT: 10.210 min Scan# 1363
Delta R.T. 0.006 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

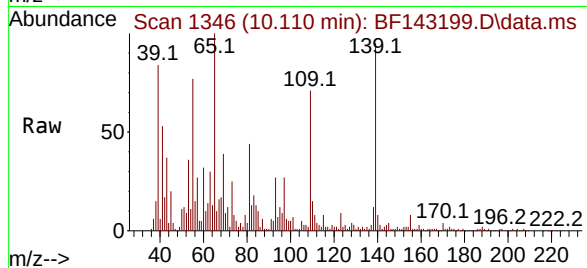
Tgt Ion:168 Resp: 554525
Ion Ratio Lower Upper
168 100
139 37.9 29.5 44.3
169 13.8 10.9 16.3





#56
4-Nitrophenol
Concen: 80.702 ng
RT: 10.110 min Scan# 1346
Delta R.T. 0.023 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

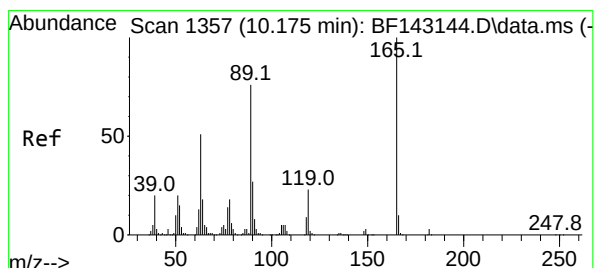
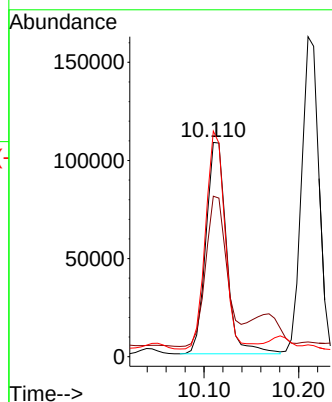
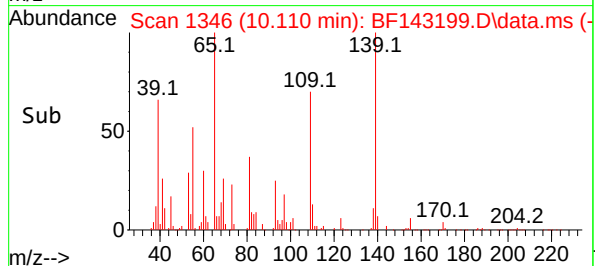
Instrument :
BNA_F
ClientSampleId :
FRAC TANKMS



Tgt Ion:139 Resp: 162828
Ion Ratio Lower Upper
139 100
109 74.9 48.5 88.5
65 105.3 83.4 123.4

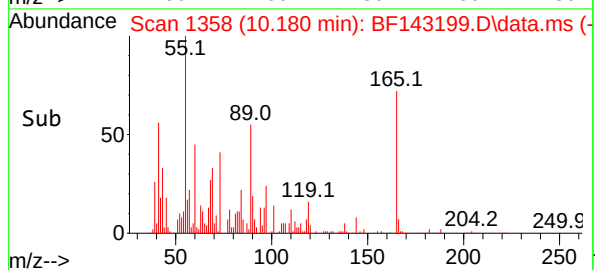
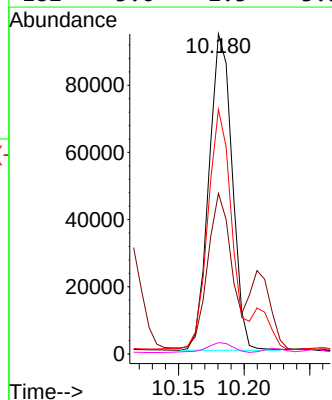
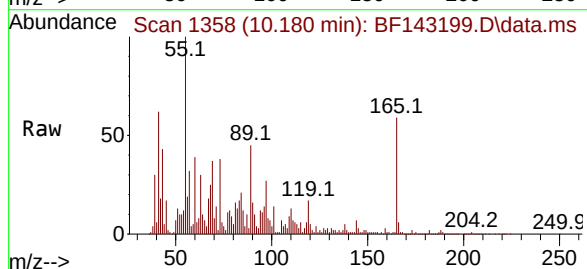
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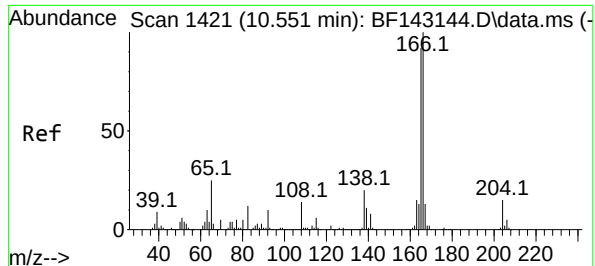
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#57
2,4-Dinitrotoluene
Concen: 40.174 ng
RT: 10.180 min Scan# 1358
Delta R.T. 0.006 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion:165 Resp: 116431
Ion Ratio Lower Upper
165 100
63 50.2 41.0 61.4
89 76.4 61.1 91.7
182 3.6 2.3 3.5#





#58

Fluorene

Concen: 38.577 ng

RT: 10.557 min Scan# 1421

Delta R.T. 0.006 min

Lab File: BF143199.D

Acq: 22 Jul 2025 20:20

Instrument :

BNA_F

ClientSampleId :

FRAC TANKMS

Tgt Ion:166 Resp: 428198

Ion Ratio Lower Upper

166 100

165 92.5 73.7 110.5

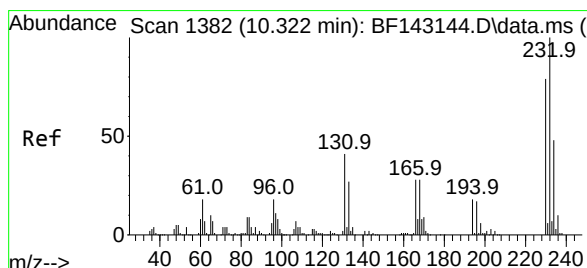
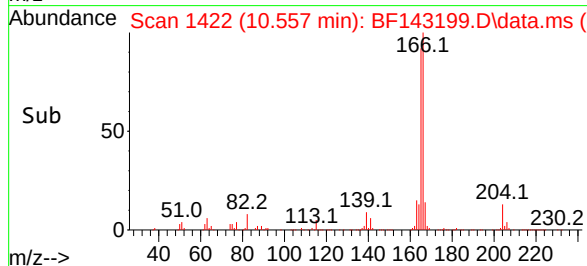
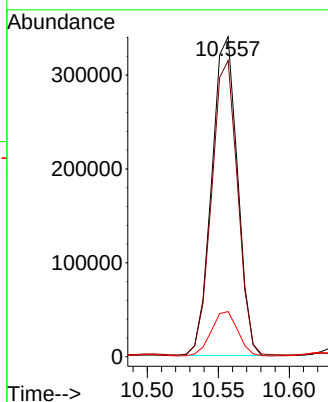
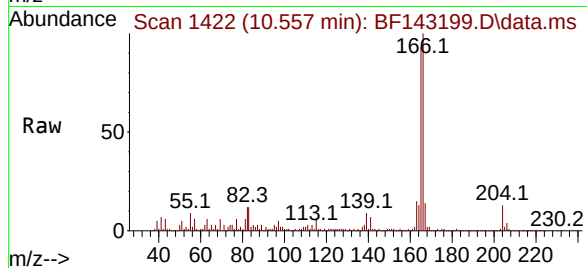
167 14.1 10.6 16.0

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Reviewed By :Rahul Chavli 07/23/2025

Supervised By :Jagrut Upadhyay 07/23/2025



#59

2,3,4,6-Tetrachlorophenol

Concen: 38.836 ng m

RT: 10.333 min Scan# 1384

Delta R.T. 0.012 min

Lab File: BF143199.D

Acq: 22 Jul 2025 20:20

Tgt Ion:232 Resp: 112015

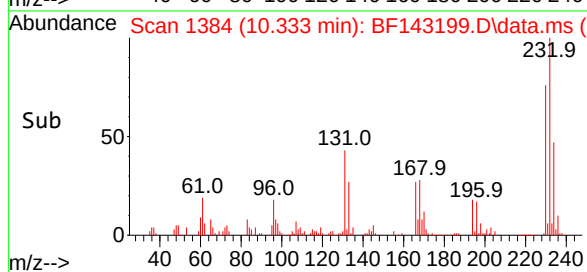
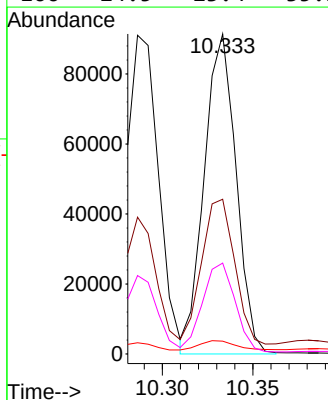
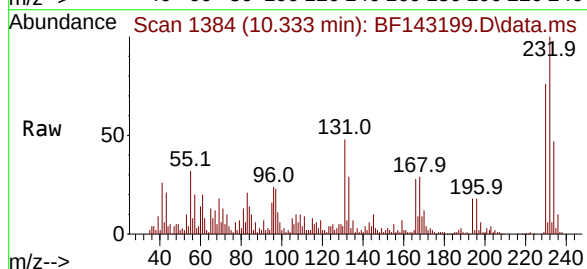
Ion Ratio Lower Upper

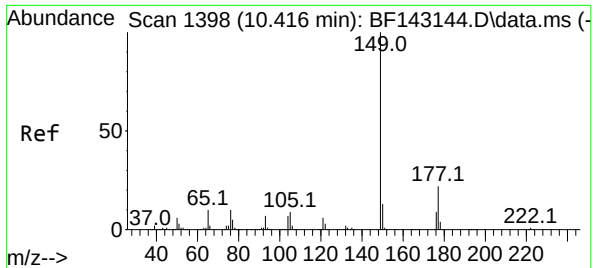
232 100

131 41.4 35.3 52.9

130 2.5 1.7 2.5#

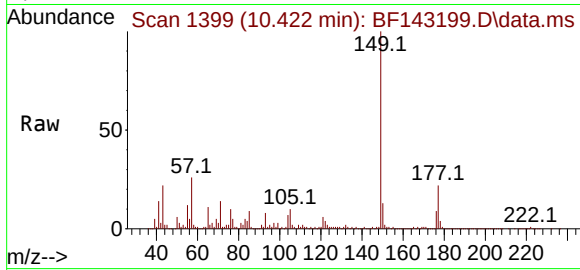
166 24.5 23.4 35.2





#60
Diethylphthalate
Concen: 45.135 ng
RT: 10.422 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

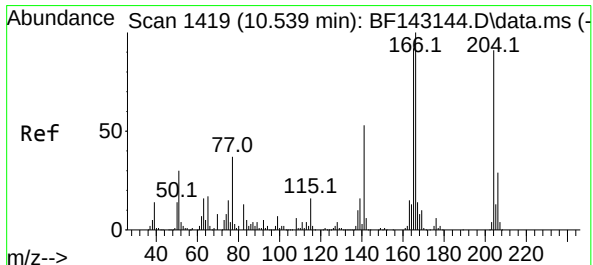
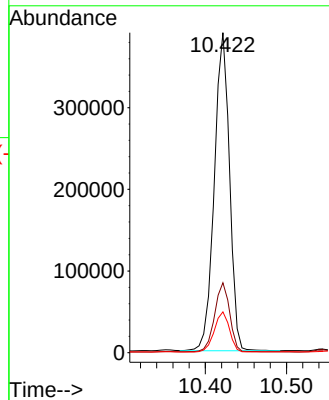
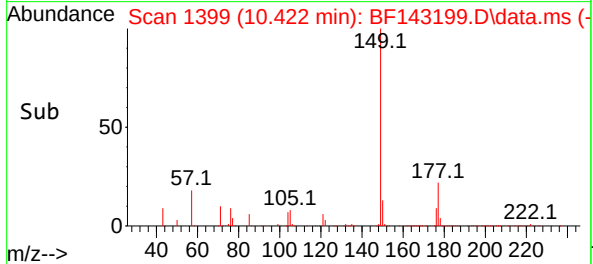
Instrument :
BNA_F
ClientSampleId :
FRAC TANKMS



Tgt Ion:149 Resp: 50658
Ion Ratio Lower Upper
149 100
177 21.9 17.5 26.3
150 12.7 10.2 15.2

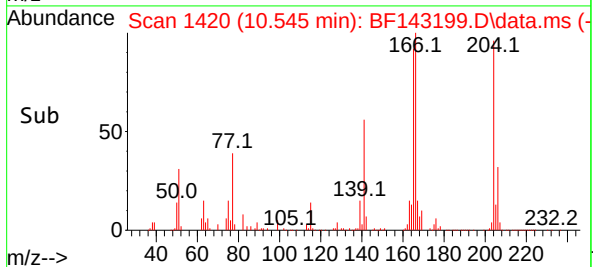
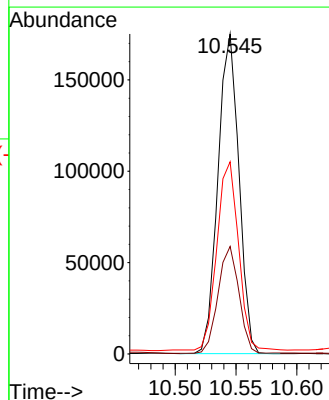
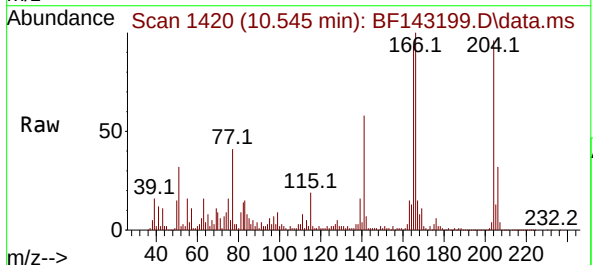
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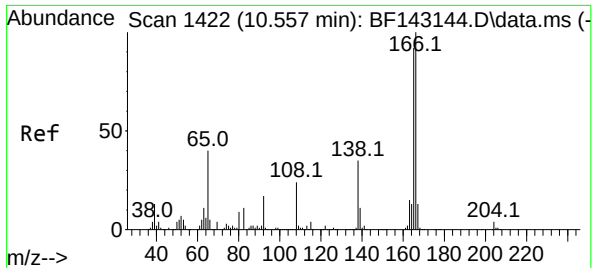
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#61
4-Chlorophenyl-phenylether
Concen: 37.896 ng
RT: 10.545 min Scan# 1420
Delta R.T. 0.006 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion:204 Resp: 209454
Ion Ratio Lower Upper
204 100
206 33.6 25.8 38.8
141 60.1 47.0 70.4





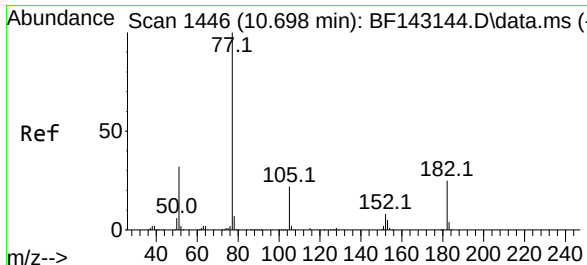
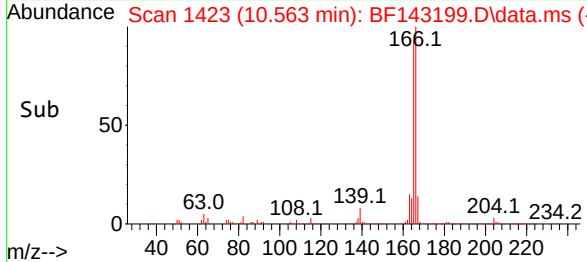
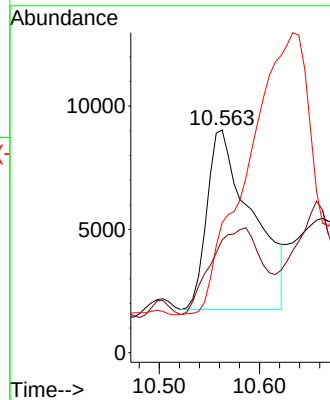
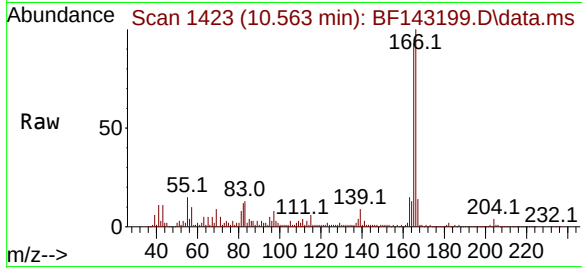
#62
4-Nitroaniline
Concen: 9.823 ng
RT: 10.563 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Instrument :
BNA_F
ClientSampleId :
FRAC TANKMS

Tgt Ion:138 Resp: 2274
Ion Ratio Lower Upper
138 100
92 50.7 29.3 69.3
108 58.5 48.3 88.3

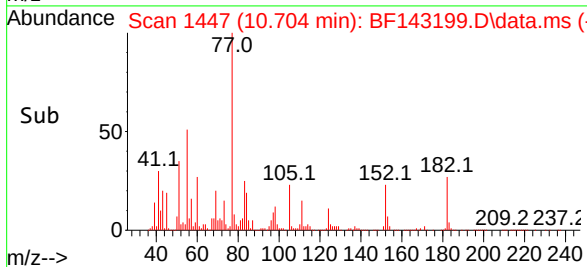
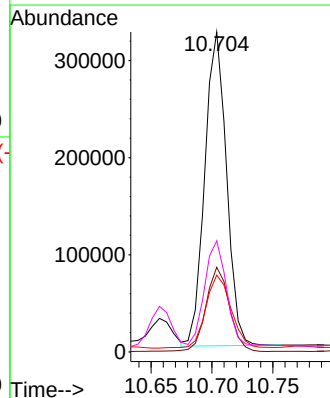
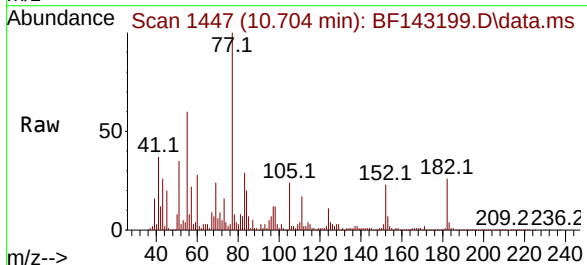
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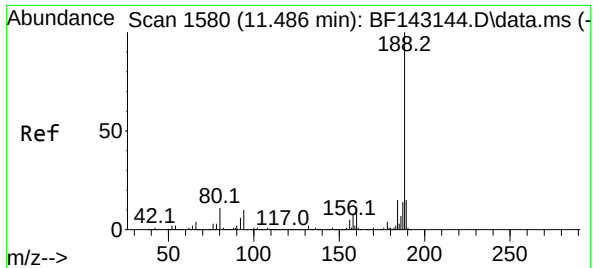
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#63
Azobenzene
Concen: 34.302 ng
RT: 10.704 min Scan# 1447
Delta R.T. 0.006 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

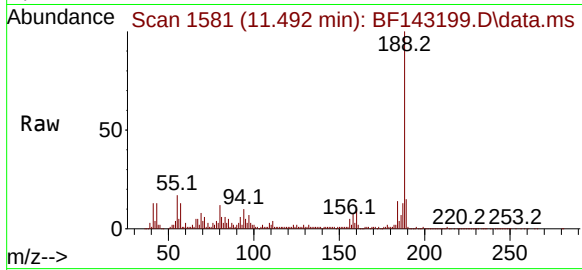
Tgt Ion: 77 Resp: 401256
Ion Ratio Lower Upper
77 100
182 26.4 4.6 44.6
105 24.0 1.4 41.4
51 34.8 13.7 53.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1581
Delta R.T. 0.006 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

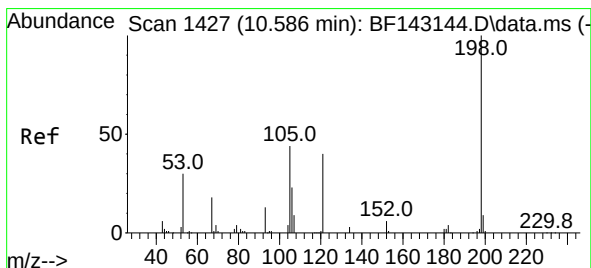
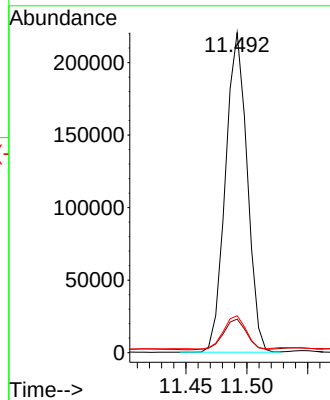
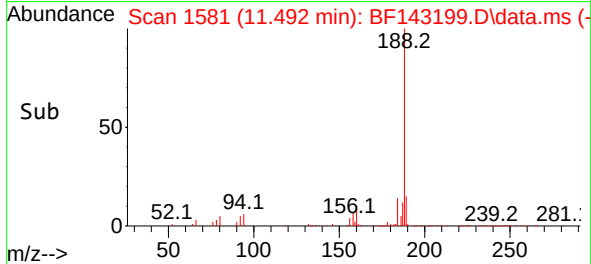
Instrument :
BNA_F
ClientSampleId :
FRAC TANKMS



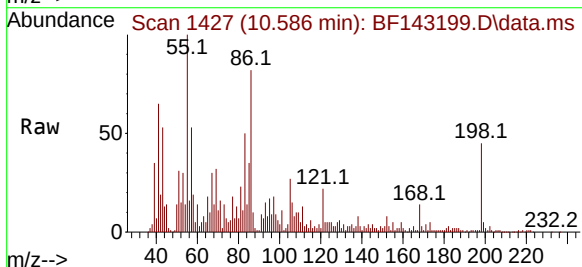
Tgt Ion:188 Resp: 27350
Ion Ratio Lower Upper
188 100
94 10.5 8.3 12.5
80 11.6 9.0 13.6

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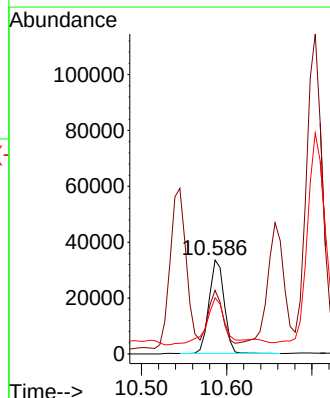
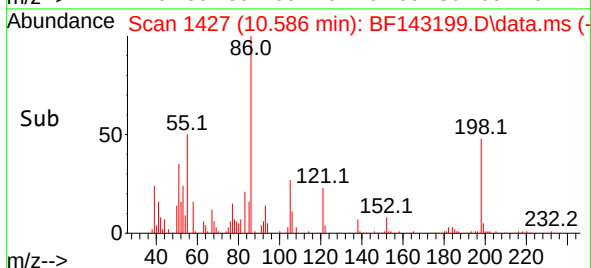
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

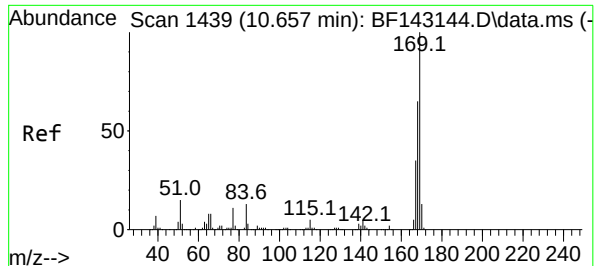


#65
4,6-Dinitro-2-methylphenol
Concen: 30.931 ng
RT: 10.586 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20



Tgt Ion:198 Resp: 41238
Ion Ratio Lower Upper
198 100
51 67.7 37.2 77.2
105 59.9 24.8 64.8





#66

n-Nitrosodiphenylamine

Concen: 34.900 ng

RT: 10.657 min Scan# 14

Delta R.T. -0.000 min

Lab File: BF143199.D

Acq: 22 Jul 2025 20:20

Instrument :

BNA_F

ClientSampleId :

FRAC TANKMS

Tgt Ion:169 Resp: 336118

Ion Ratio Lower Upper

169 100

168 64.9 52.1 78.1

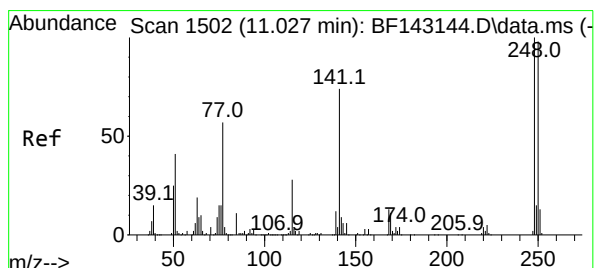
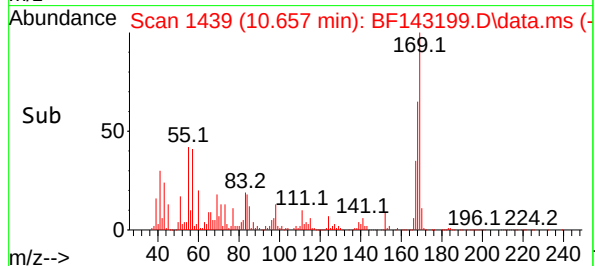
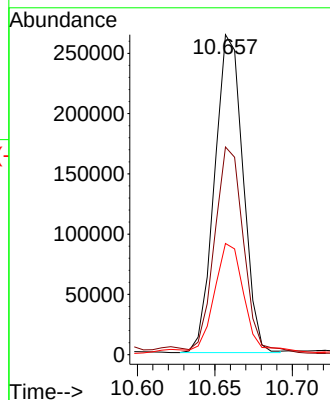
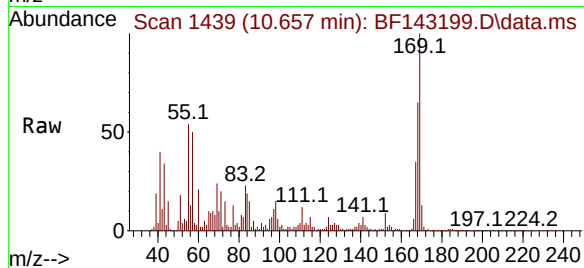
167 34.8 28.2 42.2

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Reviewed By :Rahul Chavli 07/23/2025

Supervised By :Jagrut Upadhyay 07/23/2025



#67

4-Bromophenyl-phenylether

Concen: 37.814 ng

RT: 11.033 min Scan# 1503

Delta R.T. 0.006 min

Lab File: BF143199.D

Acq: 22 Jul 2025 20:20

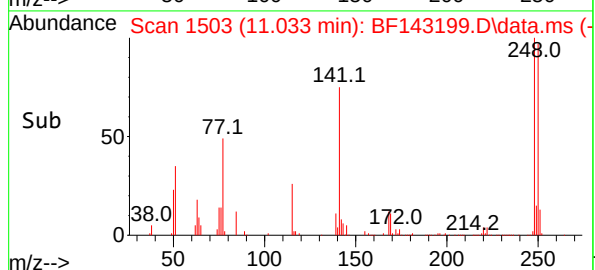
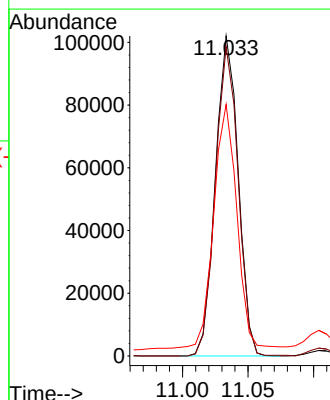
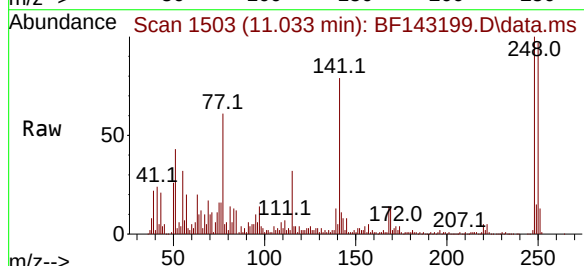
Tgt Ion:248 Resp: 123252

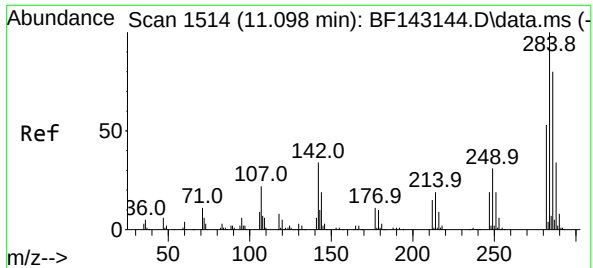
Ion Ratio Lower Upper

248 100

250 96.7 78.3 117.5

141 78.6 59.2 88.8





#68

Hexachlorobenzene

Concen: 37.183 ng

RT: 11.104 min Scan# 1514

Delta R.T. 0.006 min

Lab File: BF143199.D

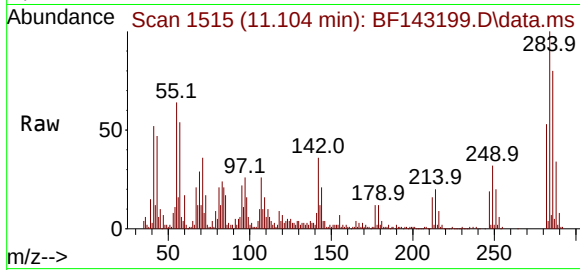
Acq: 22 Jul 2025 20:20

Instrument :

BNA_F

ClientSampleId :

FRAC TANKMS



Tgt Ion:284 Resp: 12667

Ion Ratio Lower Upper

284 100

142 36.1 27.0 40.6

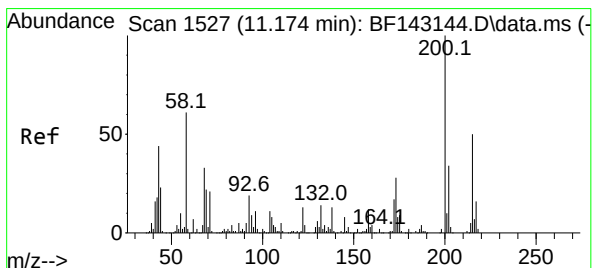
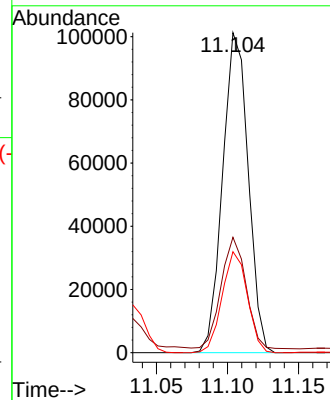
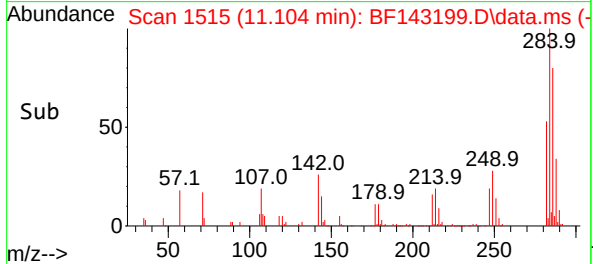
249 31.6 25.0 37.6

Manual Integrations

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Reviewed By :Rahul Chavli 07/23/2025

Supervised By :Jagrut Upadhyay 07/23/2025



#69

Atrazine

Concen: 33.915 ng

RT: 11.227 min Scan# 1536

Delta R.T. 0.053 min

Lab File: BF143199.D

Acq: 22 Jul 2025 20:20

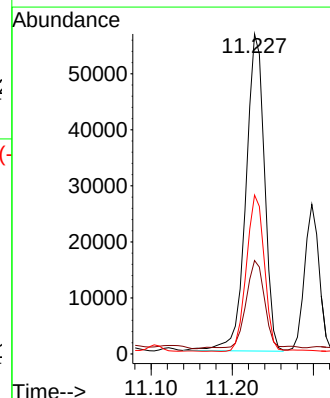
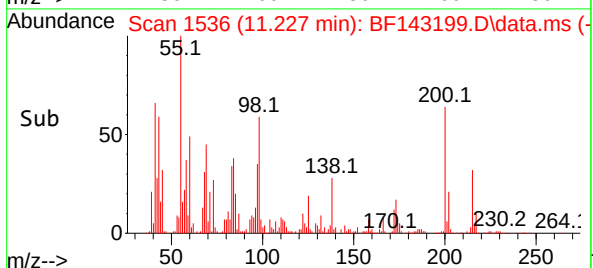
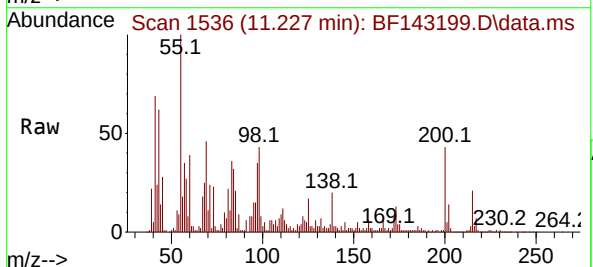
Tgt Ion:200 Resp: 90049

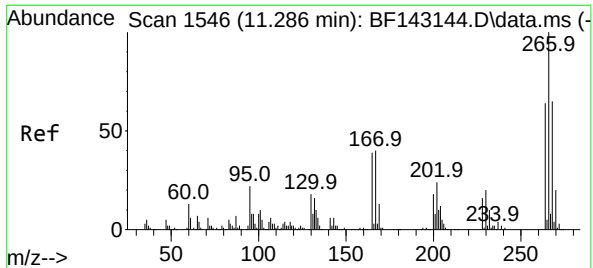
Ion Ratio Lower Upper

200 100

173 29.2 7.9 47.9

215 49.6 30.1 70.1





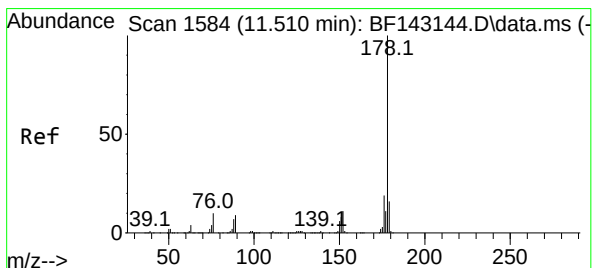
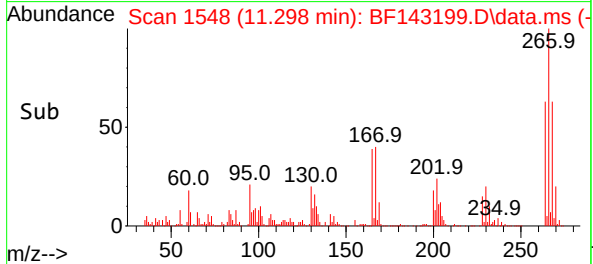
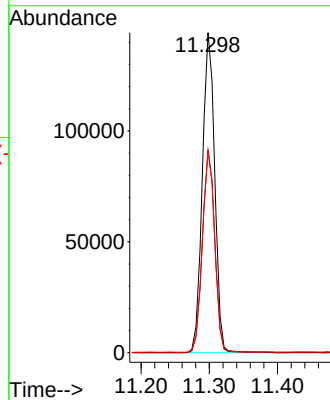
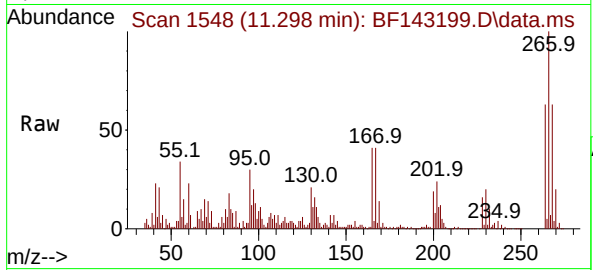
#70
Pentachlorophenol
Concen: 91.211 ng
RT: 11.298 min Scan# 1548
Delta R.T. 0.012 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Instrument :
BNA_F
ClientSampleId :
FRAC TANKMS

Tgt Ion:266 Resp: 182738
Ion Ratio Lower Upper
266 100
268 63.3 51.9 77.9
264 63.0 51.0 76.6

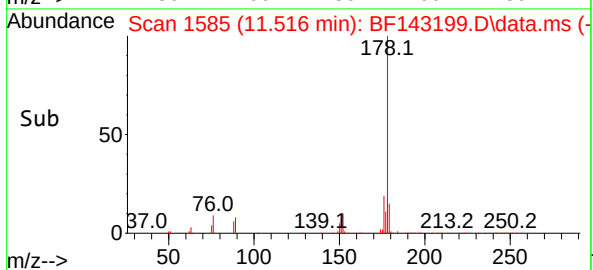
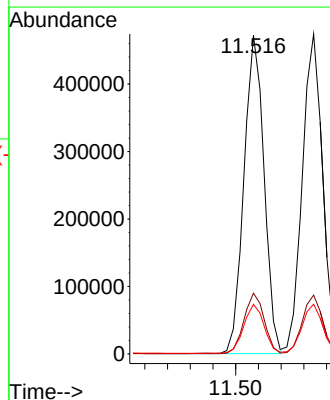
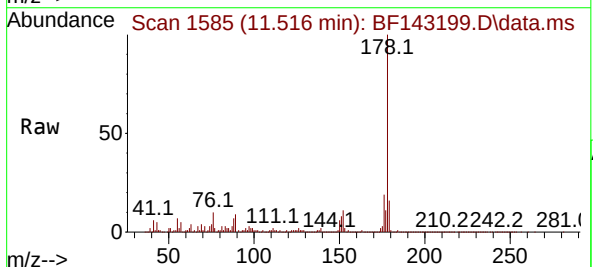
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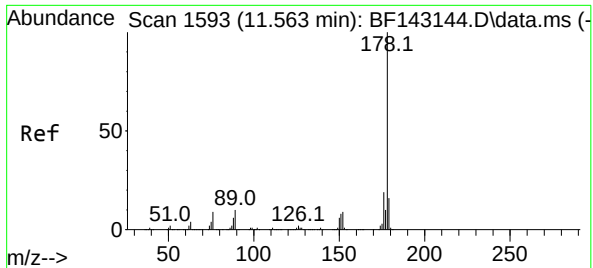
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#71
Phenanthrene
Concen: 39.993 ng
RT: 11.516 min Scan# 1585
Delta R.T. 0.006 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

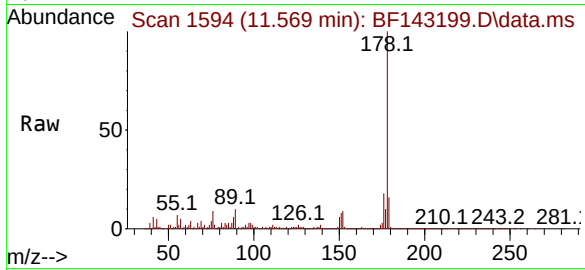
Tgt Ion:178 Resp: 580774
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.6 12.5 18.7





#72
 Anthracene
 Concen: 39.452 ng
 RT: 11.569 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF143199.D
 Acq: 22 Jul 2025 20:20

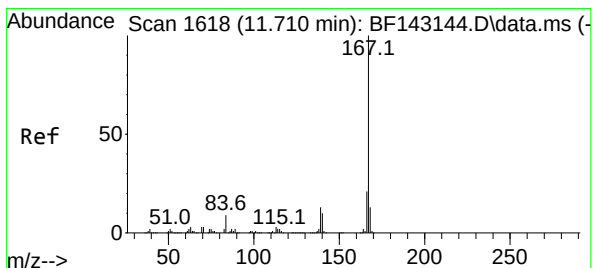
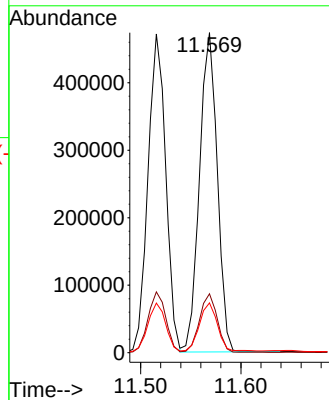
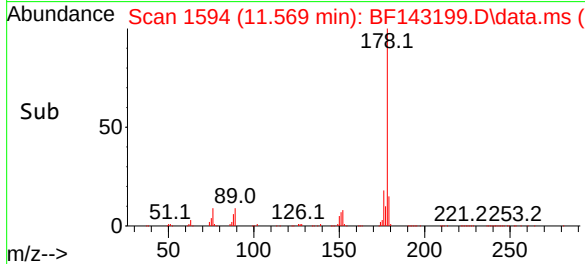
Instrument :
 BNA_F
 ClientSampleId :
 FRAC TANKMS



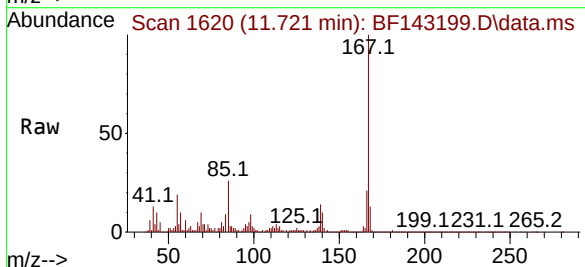
Tgt Ion:178 Resp: 584315
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.0 22.4
 179 15.5 12.5 18.7

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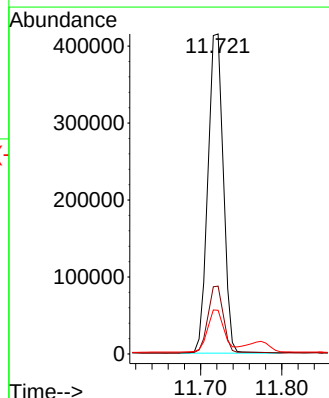
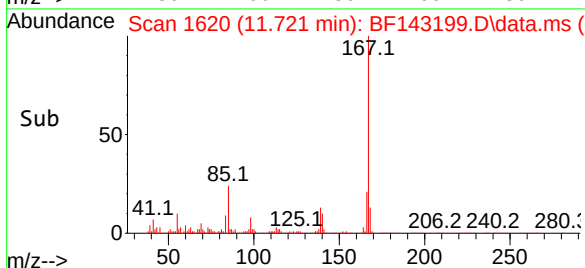
Reviewed By :Rahul Chavli 07/23/2025
 Supervised By :Jagrut Upadhyay 07/23/2025

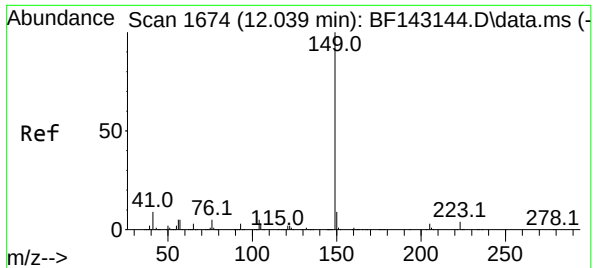


#73
 Carbazole
 Concen: 42.231 ng
 RT: 11.721 min Scan# 1620
 Delta R.T. 0.012 min
 Lab File: BF143199.D
 Acq: 22 Jul 2025 20:20



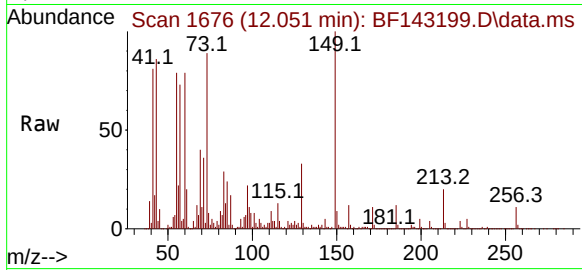
Tgt Ion:167 Resp: 546164
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.0 25.6
 139 13.7 10.0 15.0





#74
Di-n-butylphthalate
Concen: 37.497 ng
RT: 12.051 min Scan# 1676
Delta R.T. 0.012 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

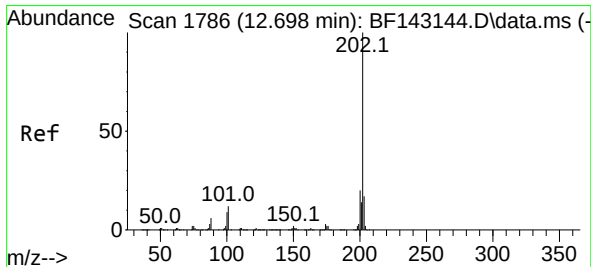
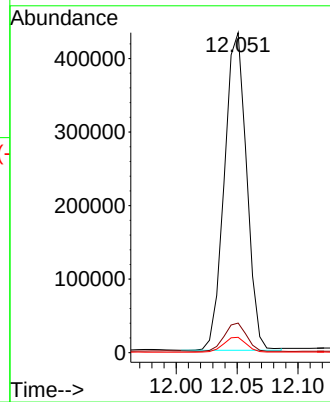
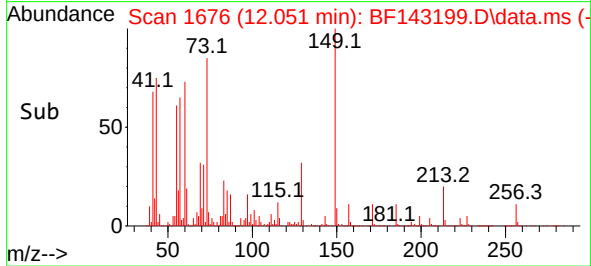
Instrument :
BNA_F
ClientSampleId :
FRAC TANKMS



Tgt Ion:149 Resp: 548715
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.2
104 4.8 3.8 5.8

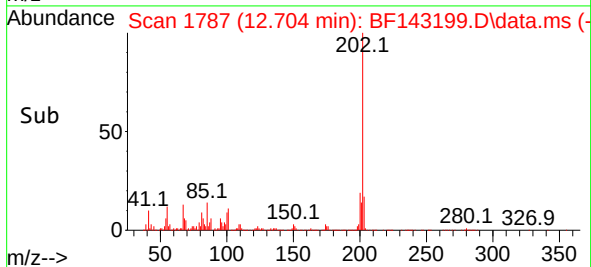
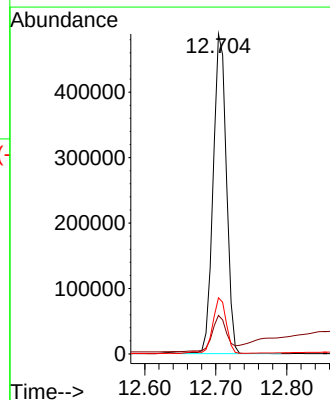
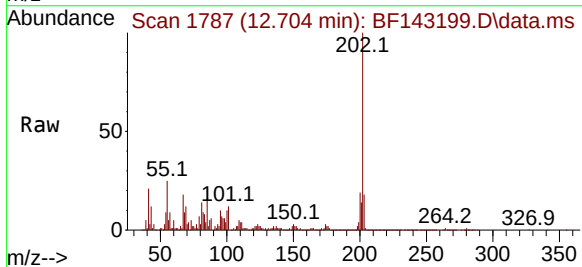
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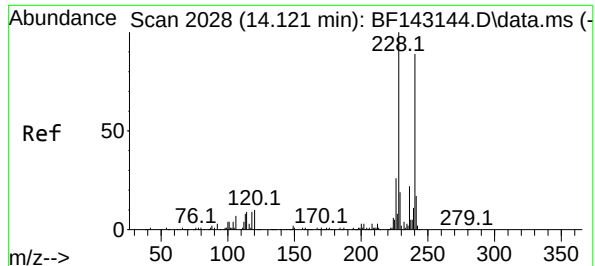
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#75
Fluoranthene
Concen: 47.268 ng
RT: 12.704 min Scan# 1787
Delta R.T. 0.006 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion:202 Resp: 630057
Ion Ratio Lower Upper
202 100
101 12.0 0.0 31.7
203 17.6 0.0 37.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.151 min Scan# 2028

Delta R.T. 0.029 min

Lab File: BF143199.D

Acq: 22 Jul 2025 20:20

Instrument :

BNA_F

ClientSampleId :

FRAC TANKMS

Tgt Ion:240 Resp: 25685

Ion Ratio Lower Upper

240 100

120 11.4 9.4 14.2

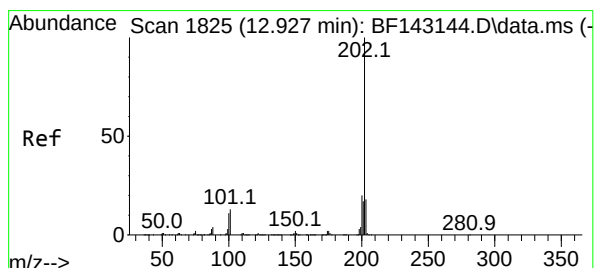
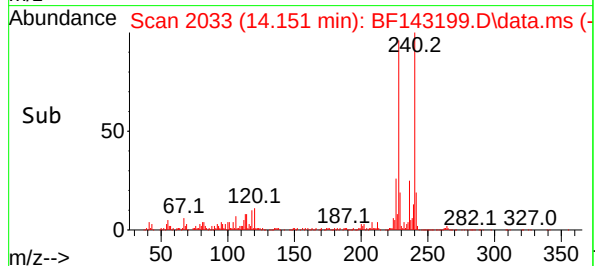
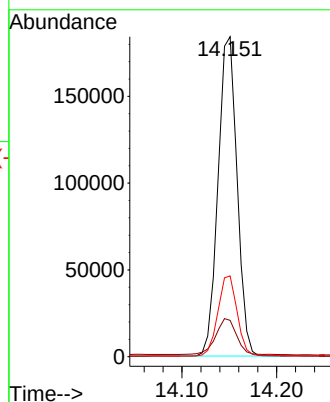
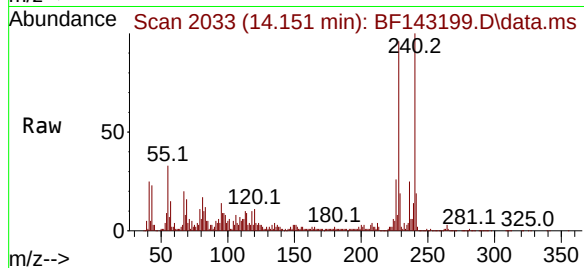
236 25.2 20.2 30.4

Manual Integrations

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Reviewed By :Rahul Chavli 07/23/2025

Supervised By :Jagrut Upadhyay 07/23/2025



#78

Pyrene

Concen: 9.998 ng

RT: 12.939 min Scan# 1827

Delta R.T. 0.012 min

Lab File: BF143199.D

Acq: 22 Jul 2025 20:20

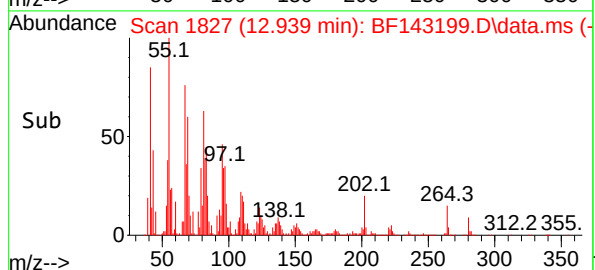
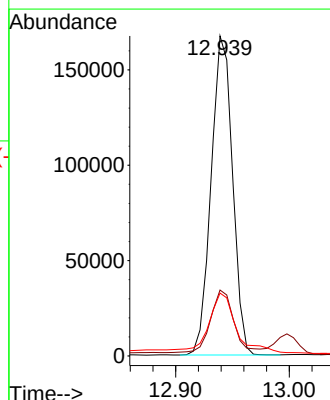
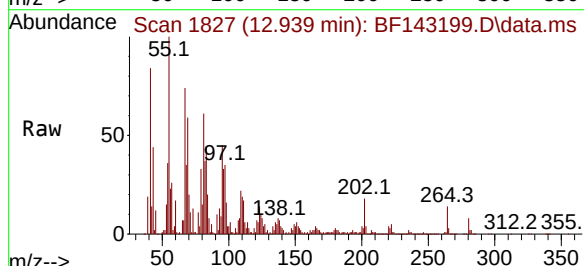
Tgt Ion:202 Resp: 219163

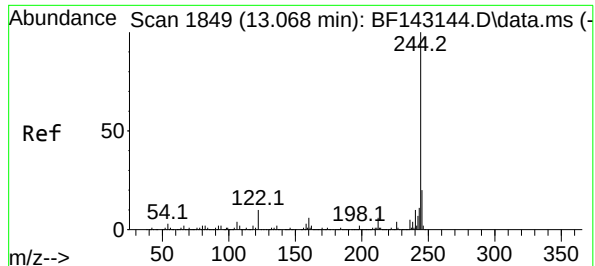
Ion Ratio Lower Upper

202 100

200 20.6 15.7 23.5

203 19.7 14.2 21.2





#79

Terphenyl-d14

Concen: 46.752 ng

RT: 13.092 min Scan# 1849

Delta R.T. 0.023 min

Lab File: BF143199.D

Acq: 22 Jul 2025 20:20

Instrument :

BNA_F

ClientSampleId :

FRAC TANKMS

Tgt Ion:244 Resp: 806959

Ion Ratio Lower Upper

244 100

212 6.5 5.2 7.8

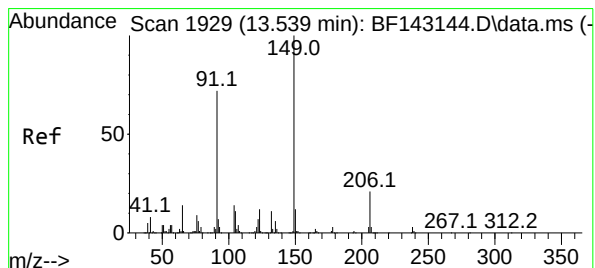
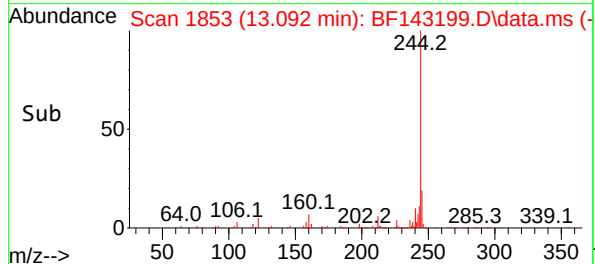
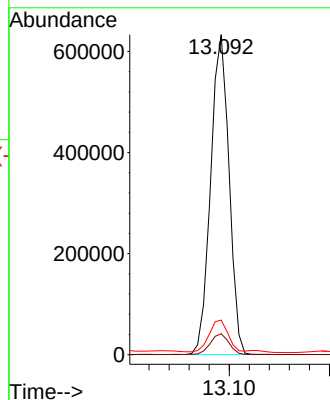
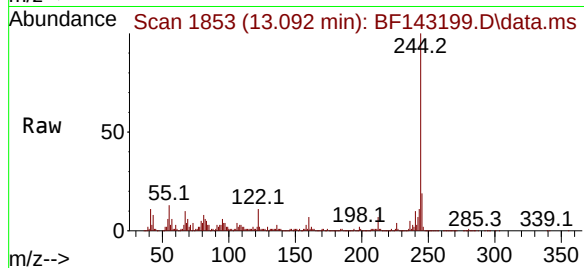
122 10.8 8.2 12.2

Manual Integrations

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Reviewed By :Rahul Chavli 07/23/2025

Supervised By :Jagrut Upadhyay 07/23/2025



#80

Butylbenzylphthalate

Concen: 43.959 ng

RT: 13.568 min Scan# 1934

Delta R.T. 0.029 min

Lab File: BF143199.D

Acq: 22 Jul 2025 20:20

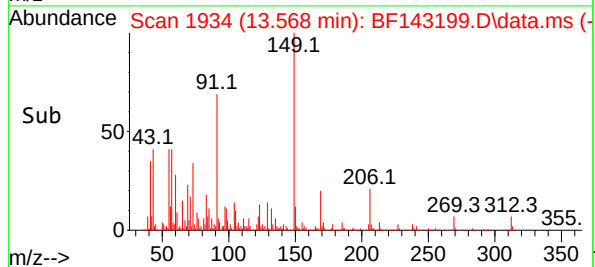
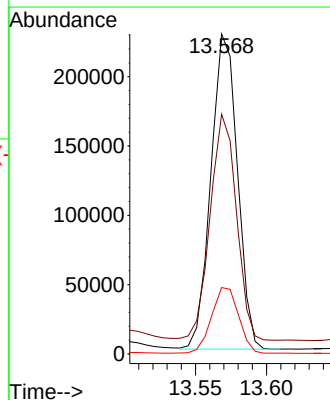
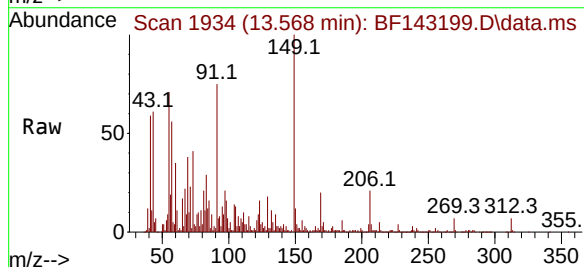
Tgt Ion:149 Resp: 295074

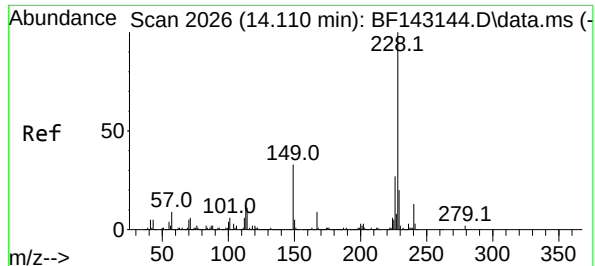
Ion Ratio Lower Upper

149 100

91 75.0 57.9 86.9

206 20.8 17.0 25.4





#81

Benzo(a)anthracene

Concen: 39.404 ng

RT: 14.139 min Scan# 2026

Delta R.T. 0.029 min

Lab File: BF143199.D

Acq: 22 Jul 2025 20:20

Instrument :

BNA_F

ClientSampleId :

FRAC TANKMS

Tgt Ion:228 Resp: 677602

Ion Ratio Lower Upper

228 100

226 26.7 21.7 32.5

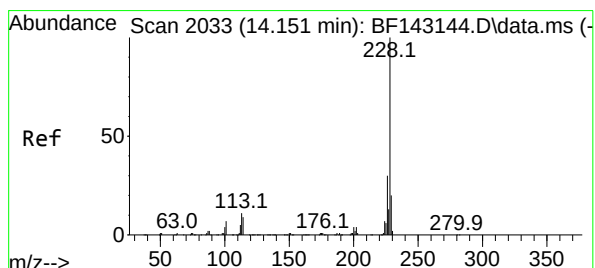
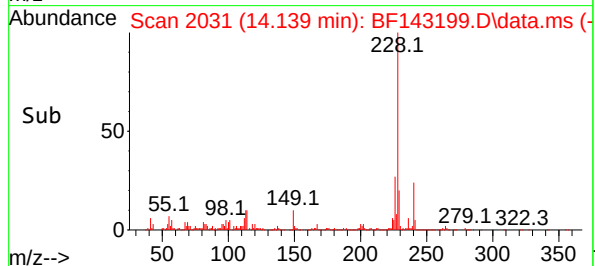
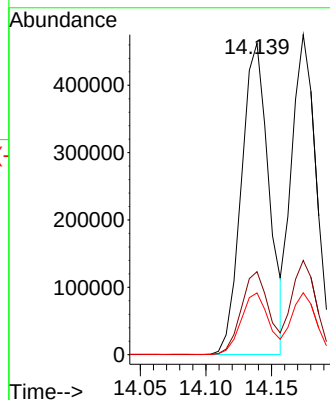
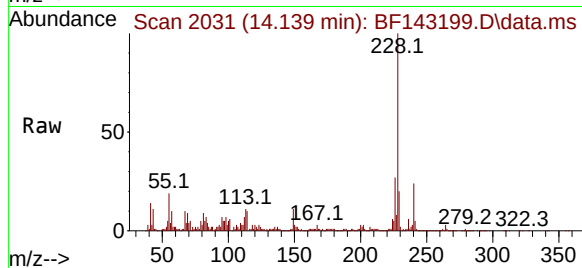
229 19.8 15.8 23.6

Manual Integrations

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Reviewed By :Rahul Chavli 07/23/2025

Supervised By :Jagrut Upadhyay 07/23/2025



#83

Chrysene

Concen: 39.784 ng

RT: 14.174 min Scan# 2037

Delta R.T. 0.023 min

Lab File: BF143199.D

Acq: 22 Jul 2025 20:20

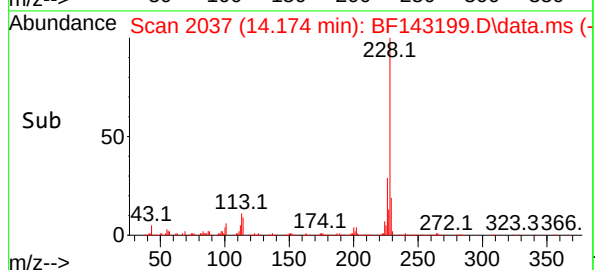
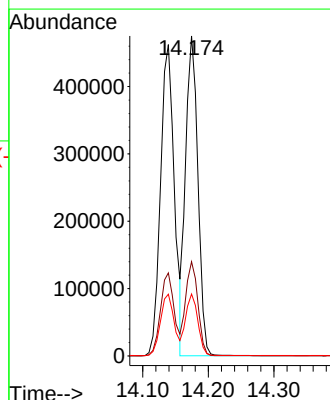
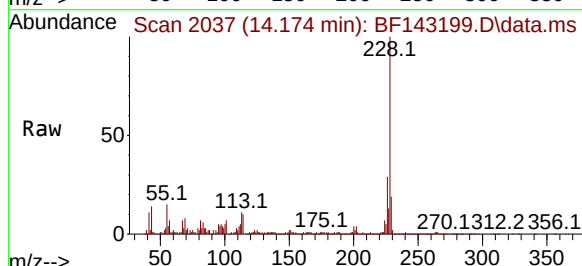
Tgt Ion:228 Resp: 615094

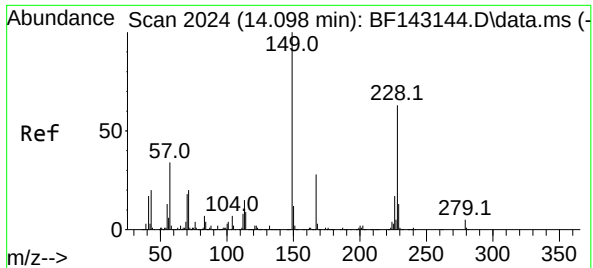
Ion Ratio Lower Upper

228 100

226 29.5 23.8 35.8

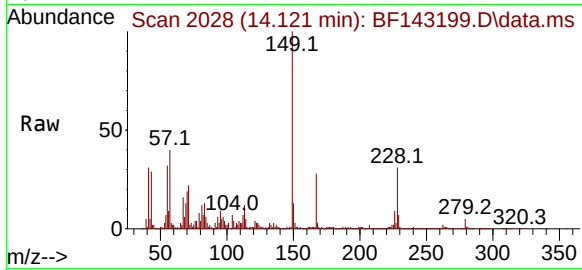
229 19.3 15.6 23.4





#84
Bis(2-ethylhexyl)phthalate
Concen: 43.966 ng
RT: 14.121 min Scan# 2024
Delta R.T. 0.023 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

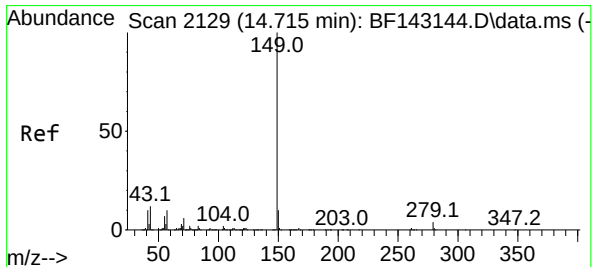
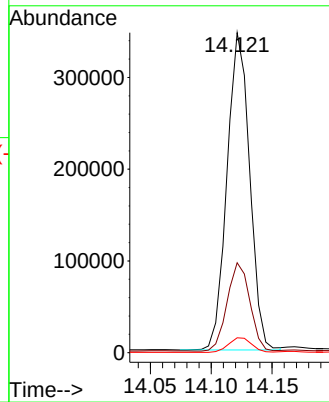
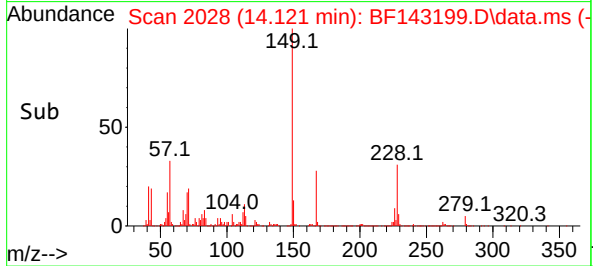
Instrument :
BNA_F
ClientSampleId :
FRAC TANKMS



Tgt Ion:149 Resp: 446694
Ion Ratio Lower Upper
149 100
167 28.1 22.3 33.5
279 4.6 3.6 5.4

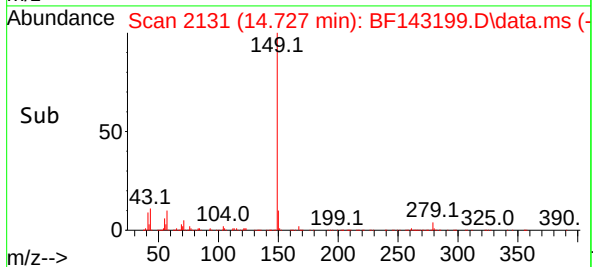
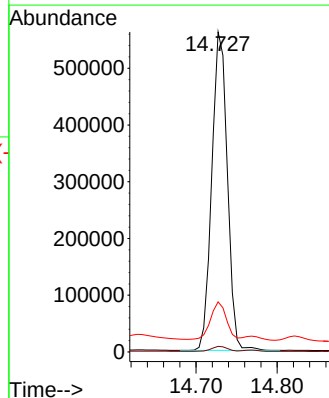
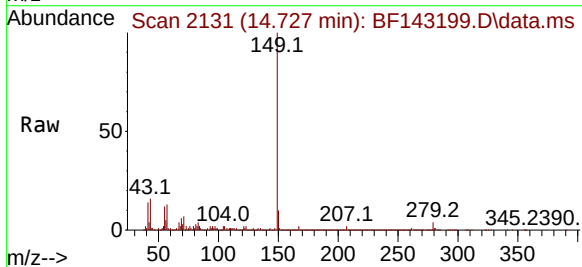
Manual Integrations
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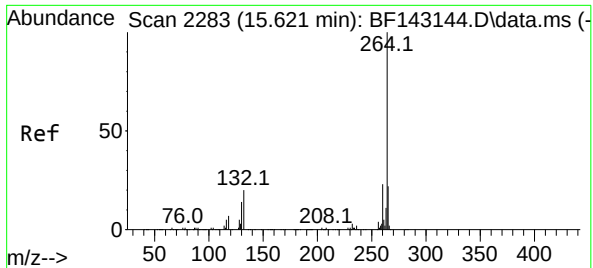
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#85
Di-n-octyl phthalate
Concen: 40.493 ng
RT: 14.727 min Scan# 2131
Delta R.T. 0.012 min
Lab File: BF143199.D
Acq: 22 Jul 2025 20:20

Tgt Ion:149 Resp: 745738
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 12.7 9.7 14.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.651 min Scan# 21

Delta R.T. 0.029 min

Lab File: BF143199.D

Acq: 22 Jul 2025 20:20

Instrument :

BNA_F

ClientSampleId :

FRAC TANKMS

Tgt Ion:264 Resp: 185280

Ion Ratio Lower Upper

264 100

260 23.0 18.5 27.7

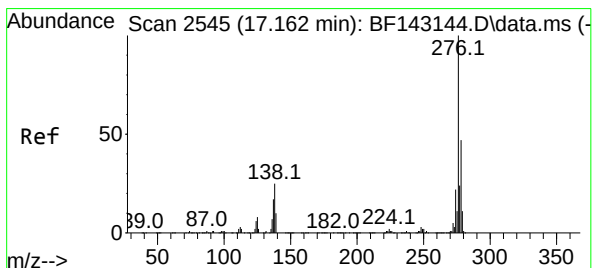
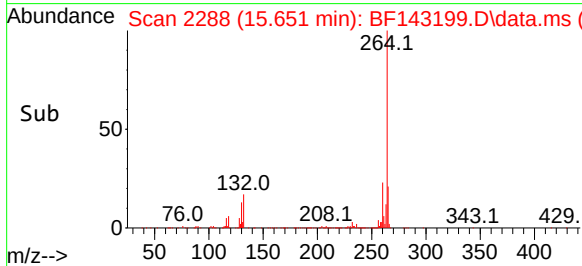
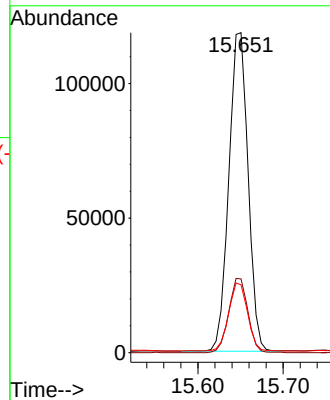
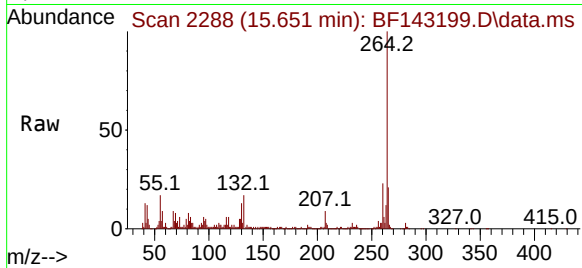
265 21.2 17.4 26.2

Manual Integrations

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Reviewed By :Rahul Chavli 07/23/2025

Supervised By :Jagrut Upadhyay 07/23/2025



#87

Indeno(1,2,3-cd)pyrene

Concen: 26.702 ng

RT: 17.180 min Scan# 2548

Delta R.T. 0.018 min

Lab File: BF143199.D

Acq: 22 Jul 2025 20:20

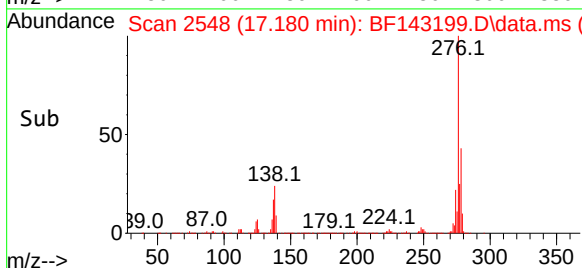
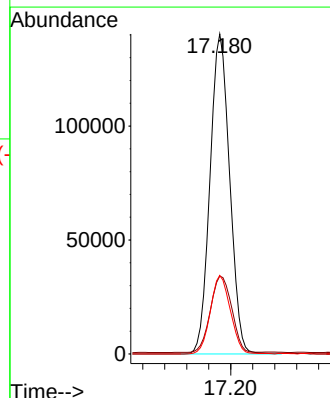
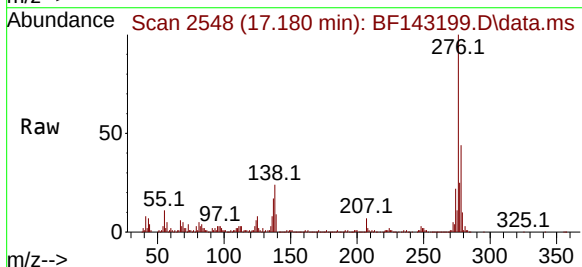
Tgt Ion:276 Resp: 348870

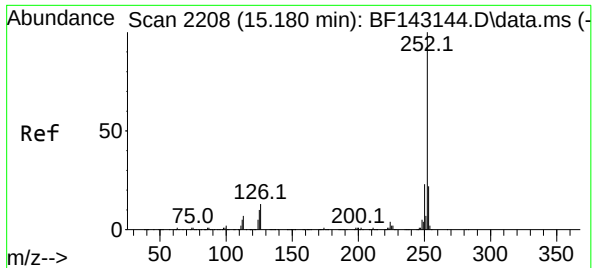
Ion Ratio Lower Upper

276 100

138 25.7 21.8 32.6

277 24.9 20.0 30.0





#88

Benzo(b)fluoranthene

Concen: 49.920 ng

RT: 15.204 min Scan# 21

Delta R.T. 0.023 min

Lab File: BF143199.D

Acq: 22 Jul 2025 20:20

Instrument :

BNA_F

ClientSampleId :

FRAC TANKMS

Tgt Ion:252 Resp: 56505

Ion Ratio Lower Upper

252 100

253 22.4 17.5 26.3

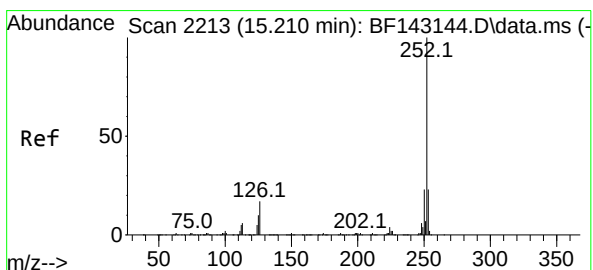
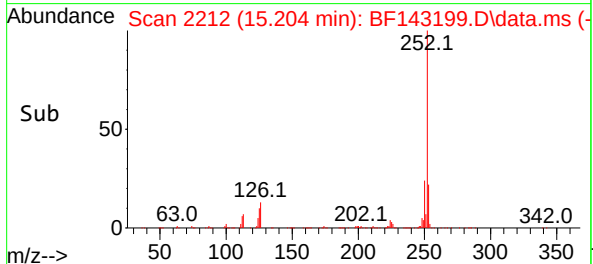
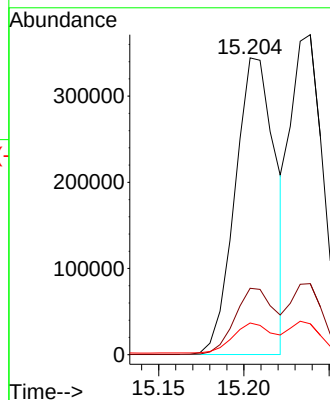
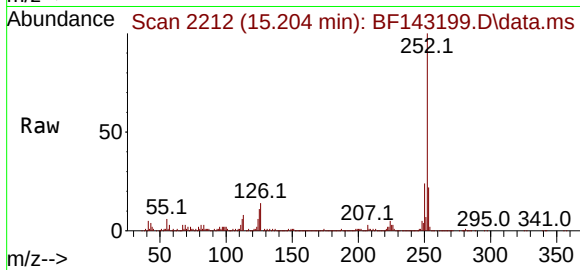
125 10.7 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/23/2025

Supervised By :Jagrut Upadhyay 07/23/2025



#89

Benzo(k)fluoranthene

Concen: 48.735 ng

RT: 15.239 min Scan# 2218

Delta R.T. 0.029 min

Lab File: BF143199.D

Acq: 22 Jul 2025 20:20

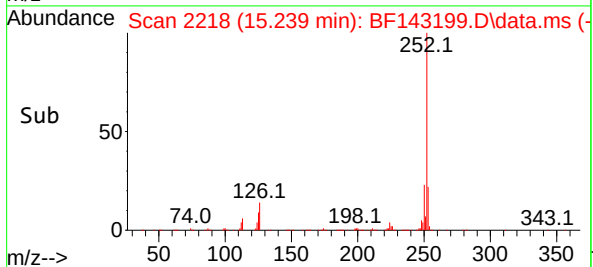
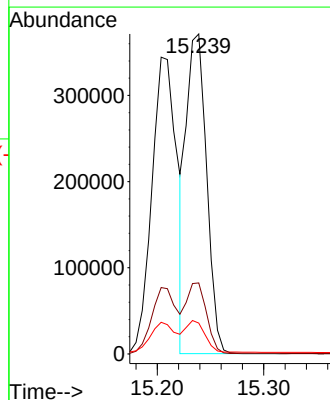
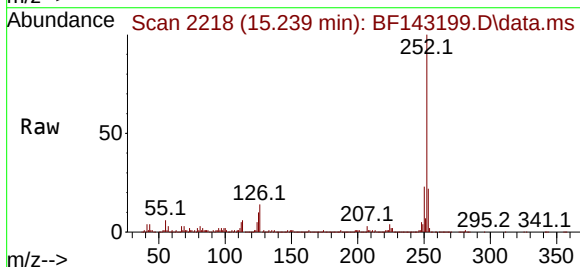
Tgt Ion:252 Resp: 492257

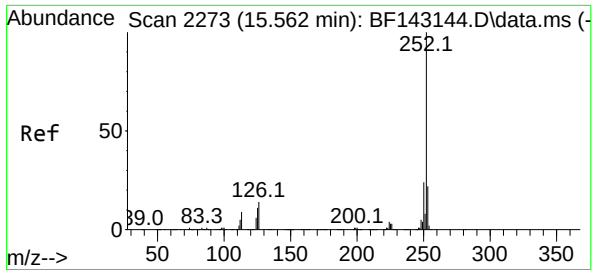
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

125 9.6 8.1 12.1





#90

Benzo(a)pyrene

Concen: 41.215 ng

RT: 15.586 min Scan# 21

Delta R.T. 0.024 min

Lab File: BF143199.D

Acq: 22 Jul 2025 20:20

Instrument :

BNA_F

ClientSampleId :

FRAC TANKMS

Tgt Ion:252 Resp: 42983

Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

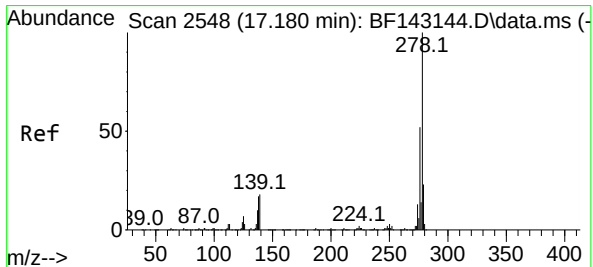
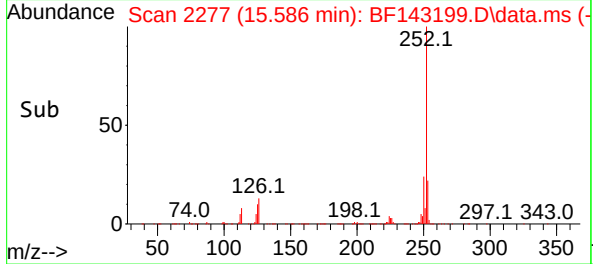
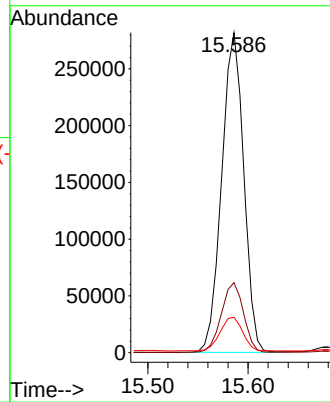
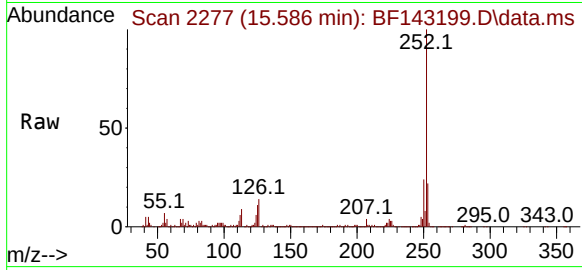
125 11.1 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/23/2025

Supervised By :Jagrut Upadhyay 07/23/2025



#91

Dibenzo(a,h)anthracene

Concen: 26.854 ng

RT: 17.198 min Scan# 2551

Delta R.T. 0.018 min

Lab File: BF143199.D

Acq: 22 Jul 2025 20:20

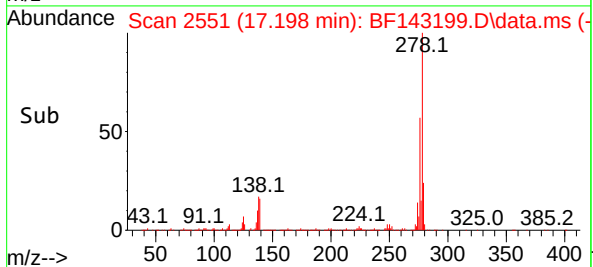
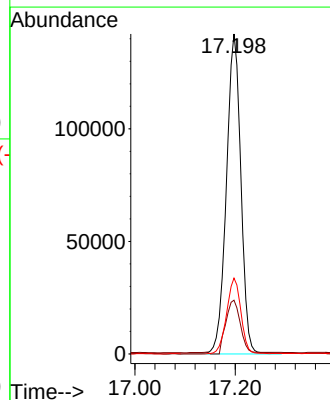
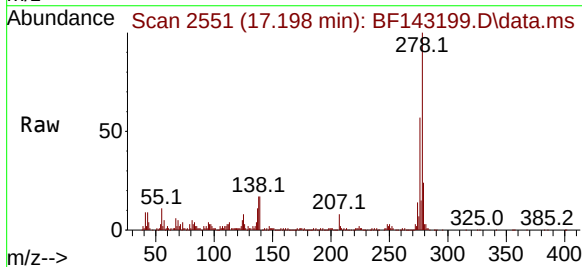
Tgt Ion:278 Resp: 285570

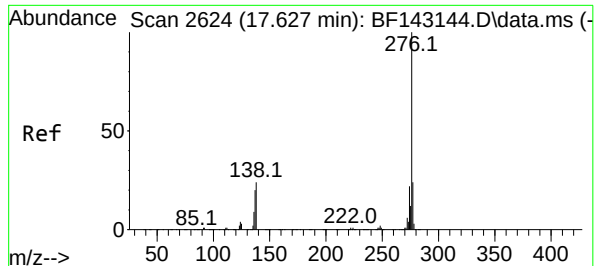
Ion Ratio Lower Upper

278 100

139 16.8 14.1 21.1

279 23.7 18.6 28.0





#92

Benzo(g,h,i)perylene

Concen: 26.941 ng

RT: 17.645 min Scan# 20

Delta R.T. 0.018 min

Lab File: BF143199.D

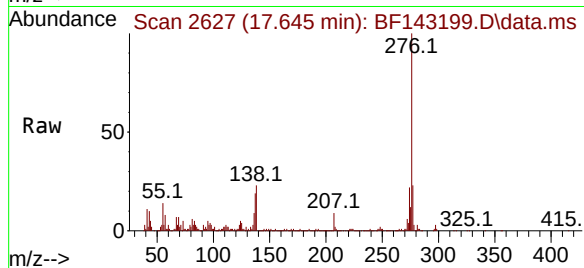
Acq: 22 Jul 2025 20:20

Instrument :

BNA_F

ClientSampleId :

FRAC TANKMS



Tgt Ion:276 Resp: 277134

Ion Ratio Lower Upper

276 100

277 23.3 19.1 28.7

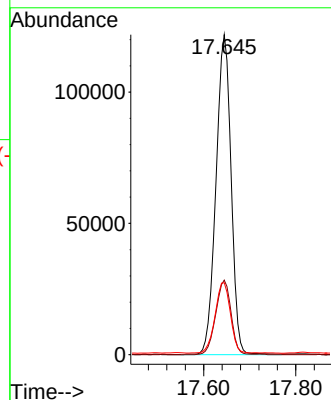
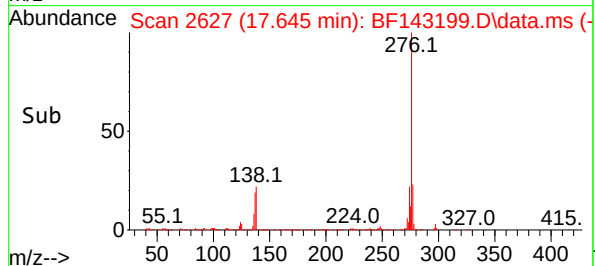
138 22.5 18.9 28.3

Manual Integrations

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Reviewed By :Rahul Chavli 07/23/2025

Supervised By :Jagrut Upadhyay 07/23/2025



Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	07/18/25
Project:	North Arlington, NJ	Date Received:	07/18/25
Client Sample ID:	FRAC TANKMSD	SDG No.:	Q2646
Lab Sample ID:	Q2646-03MSD	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143200.D	1	07/22/25 09:10	07/22/25 20:49	PB168954

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	12.8	U	12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	360		5.30	50.0	ug/L
95-48-7	2-Methylphenol	760		11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	520		11.0	100	ug/L
67-72-1	Hexachloroethane	360		6.50	50.0	ug/L
98-95-3	Nitrobenzene	360		7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	390		5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	380		5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	420		6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	420		12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	380		5.20	50.0	ug/L
87-86-5	Pentachlorophenol	960	E	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	80.3		15 (23) - 110 (138)	54%	SPK: 150
13127-88-3	Phenol-d6	62.4		15 (10) - 110 (134)	42%	SPK: 150
4165-60-0	Nitrobenzene-d5	71.7		30 (67) - 130 (132)	72%	SPK: 100
321-60-8	2-Fluorobiphenyl	75.7		30 (52) - 130 (132)	76%	SPK: 100
118-79-6	2,4,6-Tribromophenol	111		15 (44) - 110 (137)	74%	SPK: 150
1718-51-0	Terphenyl-d14	50.5		30 (42) - 130 (152)	51%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	103000	6.987			
1146-65-2	Naphthalene-d8	359000	8.269			
15067-26-2	Acenaphthene-d10	161000	10.01			
1517-22-2	Phenanthrene-d10	271000	11.492			
1719-03-5	Chrysene-d12	252000	14.151			
1520-96-3	Perylene-d12	152000	15.651			

Report of Analysis

Client:	Environmental Restoration, LLC		Date Collected:	07/18/25
Project:	North Arlington, NJ		Date Received:	07/18/25
Client Sample ID:	FRAC TANKMSD		SDG No.:	Q2646
Lab Sample ID:	Q2646-03MSD		Matrix:	TCLP
Analytical Method:	8270E		% Solid:	0
Sample Wt/Vol:	100	Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:		uL	Test:	TCLP BNA
Extraction Type :		Decanted : N	Level :	LOW
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143200.D	1	07/22/25 09:10	07/22/25 20:49	PB168954

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
 Data File : BF143200.D
 Acq On : 22 Jul 2025 20:49
 Operator : RC/JU
 Sample : Q2646-03MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FRAC TANKMSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 07/23/2025
 Supervised By :Jagrut Upadhyay 07/23/2025

Quant Time: Jul 23 04:53:06 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.987	152	103435	20.000	ng	0.02
21) Naphthalene-d8	8.269	136	358963	20.000	ng	0.02
39) Acenaphthene-d10	10.010	164	160601	20.000	ng	0.01
64) Phenanthrene-d10	11.492	188	270710	20.000	ng	0.00
76) Chrysene-d12	14.151	240	252211	20.000	ng	0.03
86) Perylene-d12	15.651	264	152378	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.787	112	524551	80.252	ng	0.20
7) Phenol-d6	6.675	99	513323	62.394	ng	0.09
23) Nitrobenzene-d5	7.545	82	516027	71.658	ng	0.02
42) 2,4,6-Tribromophenol	10.798	330	183973	110.887	ng	0.01
45) 2-Fluorobiphenyl	9.328	172	888433	75.656	ng	0.00
79) Terphenyl-d14	13.092	244	856096	50.512	ng	0.02
Target Compounds						
2) 1,4-Dioxane	2.881	88	115793	37.439	ng	Qvalue 44
4) n-Nitrosodimethylamine	3.581	42	165712	39.982	ng	# 54
6) Aniline	6.722	93	164620	14.357	ng	# 55
8) 2-Chlorophenol	6.798	128	153843	22.454	ng	92
9) Benzaldehyde	6.557	77	133576	21.652	ng	98
10) Phenol	6.687	94	228748	25.522	ng	95
11) bis(2-Chloroethyl)ether	6.722	93	164620	23.989	ng	94
12) 1,3-Dichlorobenzene	6.934	146	242524	32.585	ng	99
13) 1,4-Dichlorobenzene	7.004	146	270486	36.087	ng	99
14) 1,2-Dichlorobenzene	7.157	146	202665	28.428	ng	99
15) Benzyl Alcohol	7.251	79	560378	89.206	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.192	45	1590555	124.945	ng	82
17) 2-Methylphenol	7.275	107	439726	76.331	ng	# 81
18) Hexachloroethane	7.498	117	94180	36.296	ng	97
19) n-Nitroso-di-n-propyla...	7.410	70	189587	35.918	ng	94
20) 3+4-Methylphenols	7.504	107	364374m	52.132	ng	
22) Acetophenone	7.404	105	359522	42.304	ng	# 96
24) Nitrobenzene	7.569	77	244395	36.402	ng	99
25) Isophorone	7.881	82	497065	39.100	ng	99
26) 2-Nitrophenol	7.881	139	132838	45.589	ng	95
27) 2,4-Dimethylphenol	7.951	122	213236	35.902	ng	98
28) bis(2-Chloroethoxy)met...	8.022	93	299334	39.272	ng	97
29) 2,4-Dichlorophenol	8.157	162	172713	34.481	ng	97
30) 1,2,4-Trichlorobenzene	8.204	180	201757	37.284	ng	99
31) Naphthalene	8.286	128	700722	39.637	ng	100
32) Benzoic acid	8.175	122	231757	66.975	ng	97
33) 4-Chloroaniline	8.286	127	90646	12.557	ng	# 35
34) Hexachlorobutadiene	8.404	225	128243	38.795	ng	98
35) Caprolactam	8.792	113	70195m	46.376	ng	
36) 4-Chloro-3-methylphenol	8.816	107	193269	35.500	ng	99
37) 2-Methylnaphthalene	8.975	142	413694	38.456	ng	99
38) 1-Methylnaphthalene	9.075	142	407705	36.804	ng	99
40) 1,2,4,5-Tetrachloroben...	9.139	216	196497	42.378	ng	99
41) Hexachlorocyclopentadiene	9.128	237	145110	48.098	ng	100
43) 2,4,6-Trichlorophenol	9.251	196	120729	37.622	ng	99
44) 2,4,5-Trichlorophenol	9.298	196	136183	42.425	ng	# 93

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
 Data File : BF143200.D
 Acq On : 22 Jul 2025 20:49
 Operator : RC/JU
 Sample : Q2646-03MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FRAC TANKMSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 07/23/2025
 Supervised By :Jagrut Upadhyay 07/23/2025

Quant Time: Jul 23 04:53:06 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

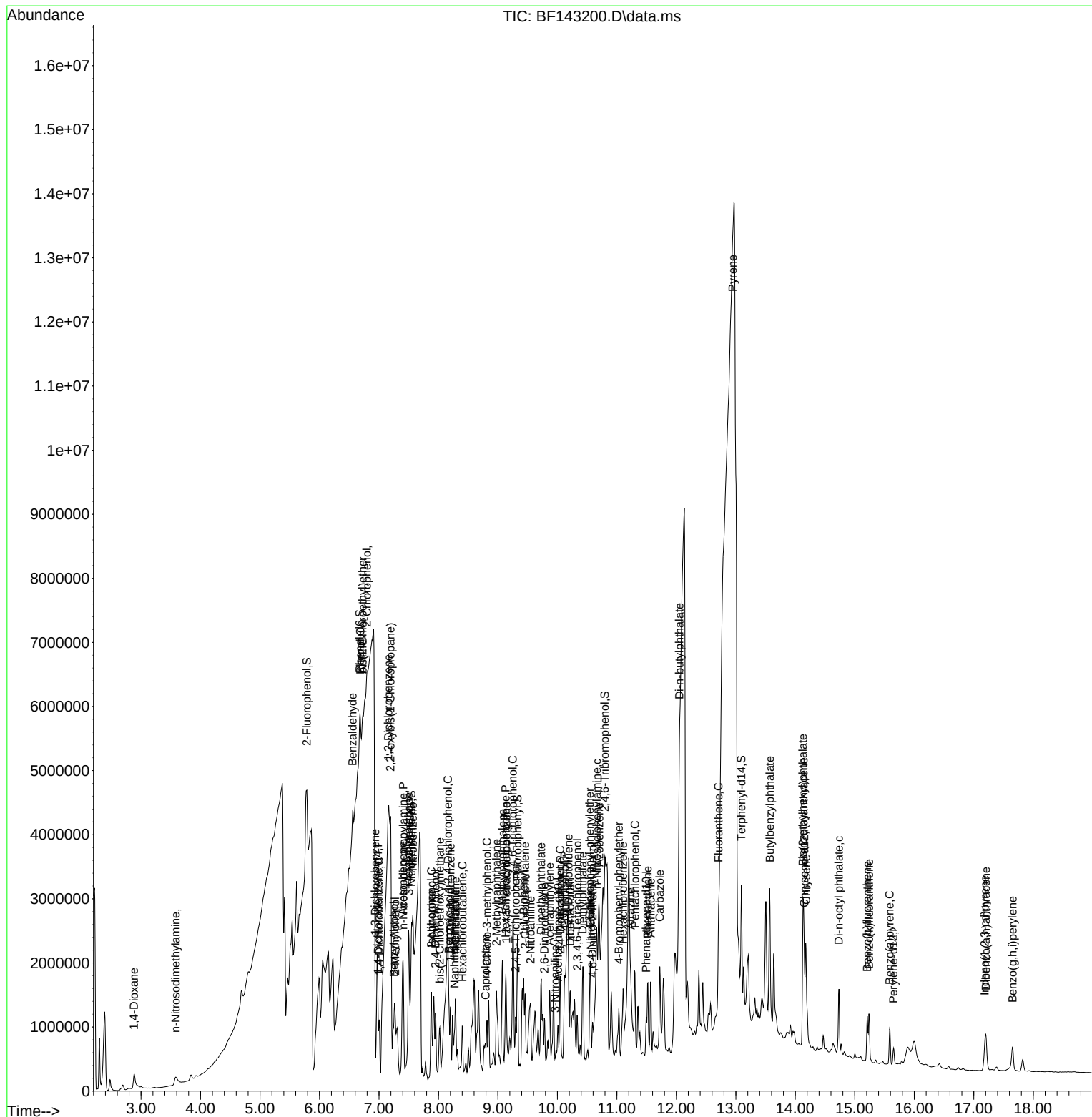
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.433	154	534837	42.684	ng	99
47) 2-Chloronaphthalene	9.457	162	379988	40.985	ng	99
48) 2-Nitroaniline	9.551	65	132243	45.484	ng	98
49) Acenaphthylene	9.869	152	613481	39.484	ng	100
50) Dimethylphthalate	9.728	163	434559	41.511	ng	99
51) 2,6-Dinitrotoluene	9.780	165	95659	44.919	ng	99
52) Acenaphthene	10.045	154	383896	41.804	ng	99
53) 3-Nitroaniline	9.963	138	7585	3.045	ng	# 90
54) 2,4-Dinitrophenol	10.051	184	45245	49.636	ng	93
55) Dibenzofuran	10.216	168	551145	40.423	ng	100
56) 4-Nitrophenol	10.122	139	169940	91.363	ng	95
57) 2,4-Dinitrotoluene	10.186	165	113332	42.418	ng	# 96
58) Fluorene	10.557	166	434047	42.417	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.333	232	113718m	42.767	ng	
60) Diethylphthalate	10.422	149	504664	48.774	ng	100
61) 4-Chlorophenyl-phenyle...	10.545	204	208242	40.869	ng	98
62) 4-Nitroaniline	10.563	138	26507	12.416	ng	92
63) Azobenzene	10.704	77	411429	38.152	ng	98
65) 4,6-Dinitro-2-methylph...	10.592	198	35210	27.426	ng	84
66) n-Nitrosodiphenylamine	10.663	169	342043	35.882	ng	99
67) 4-Bromophenyl-phenylether	11.033	248	123959	38.423	ng	95
68) Hexachlorobenzene	11.104	284	129142	38.298	ng	96
69) Atrazine	11.233	200	90228	34.333	ng	99
70) Pentachlorophenol	11.304	266	189494	95.559	ng	100
71) Phenanthrene	11.516	178	609324	42.391	ng	100
72) Anthracene	11.569	178	607837	41.463	ng	100
73) Carbazole	11.722	167	582966	45.541	ng	99
74) Di-n-butylphthalate	12.051	149	578170	39.918	ng	100
75) Fluoranthene	12.710	202	672099	50.942	ng	100
78) Pyrene	12.945	202	235511	10.941	ng	98
80) Butylbenzylphthalate	13.574	149	314657	47.739	ng	99
81) Benzo(a)anthracene	14.139	228	719284	42.598	ng	100
83) Chrysene	14.180	228	616188	40.588	ng	100
84) Bis(2-ethylhexyl)phtha...	14.127	149	463985	46.508	ng	99
85) Di-n-octyl phthalate	14.733	149	673481	37.243	ng	99
87) Indeno(1,2,3-cd)pyrene	17.186	276	375905	34.985	ng	98
88) Benzo(b)fluoranthene	15.210	252	499143	53.620	ng	99
89) Benzo(k)fluoranthene	15.239	252	388170	46.729	ng	99
90) Benzo(a)pyrene	15.586	252	358088	41.751	ng	99
91) Dibenzo(a,h)anthracene	17.204	278	308156	35.236	ng	99
92) Benzo(g,h,i)perylene	17.651	276	306624	36.245	ng	99

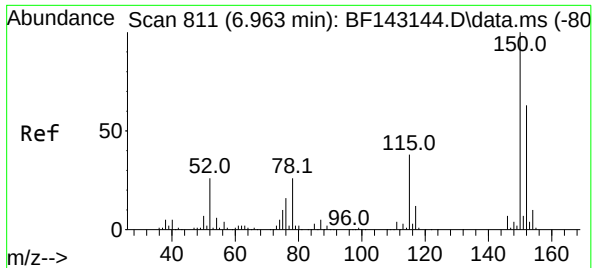
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_F
ClientSampleId :
FRAC TANKMSD

Manual Integrations APPROVED

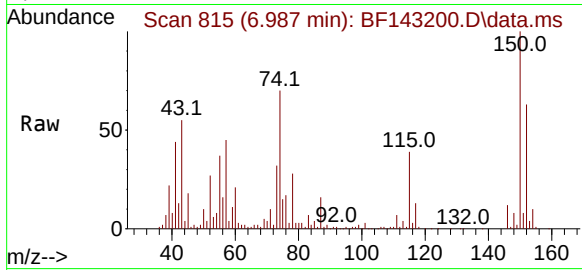
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.987 min Scan# 811
Delta R.T. 0.024 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

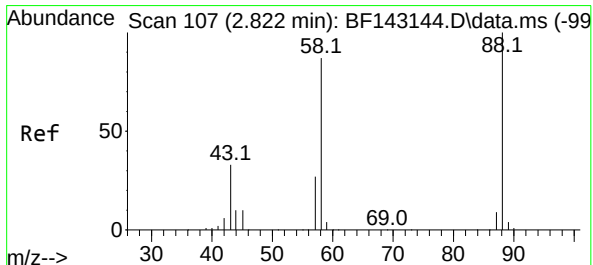
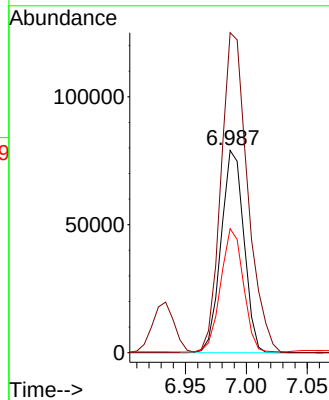
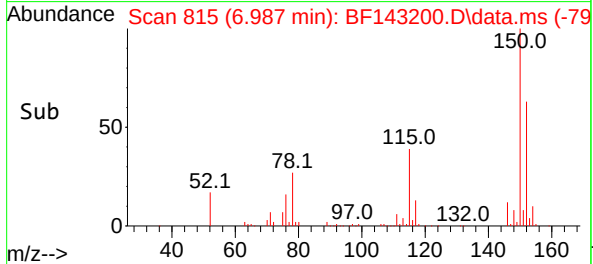
Instrument :
BNA_F
ClientSampleId :
FRAC TANKMSD



Tgt Ion:152 Resp: 103435
Ion Ratio Lower Upper
152 100
150 158.2 128.2 192.4
115 61.3 47.9 71.9

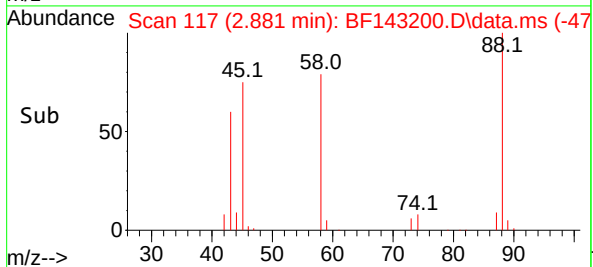
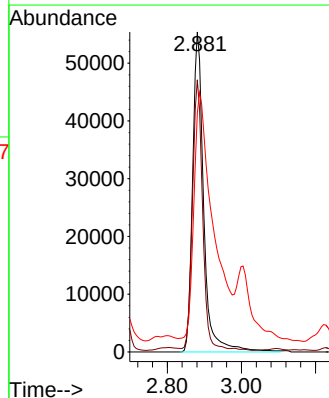
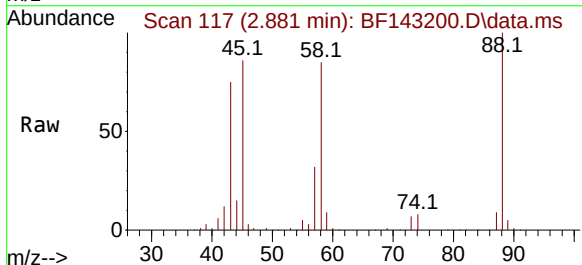
Manual Integrations
APPROVED

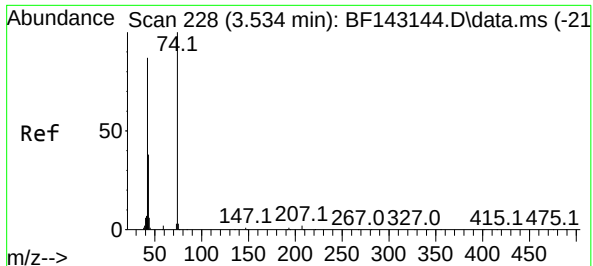
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#2
1,4-Dioxane
Concen: 37.439 ng
RT: 2.881 min Scan# 117
Delta R.T. 0.059 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

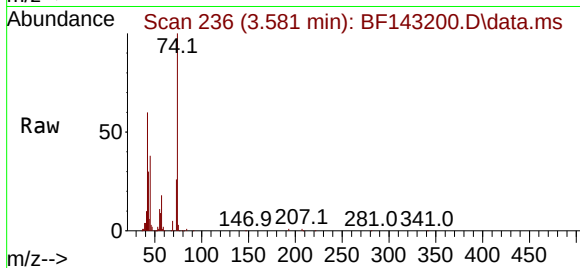
Tgt Ion: 88 Resp: 115793
Ion Ratio Lower Upper
88 100
58 75.7 70.2 105.2
43 129.3 27.1 40.7#





#4
n-Nitrosodimethylamine
Concen: 39.982 ng
RT: 3.581 min Scan# 211
Delta R.T. 0.047 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

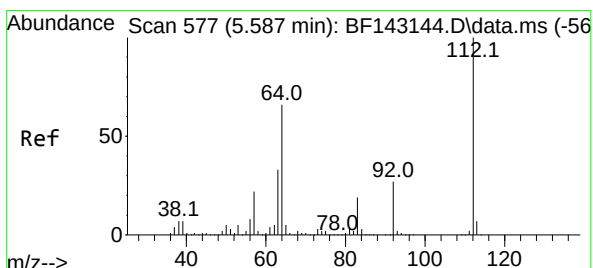
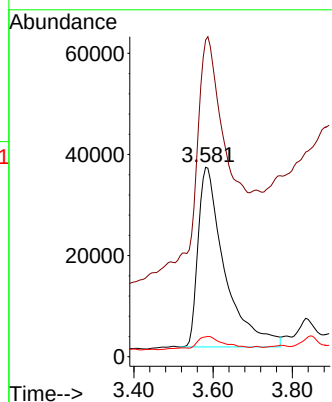
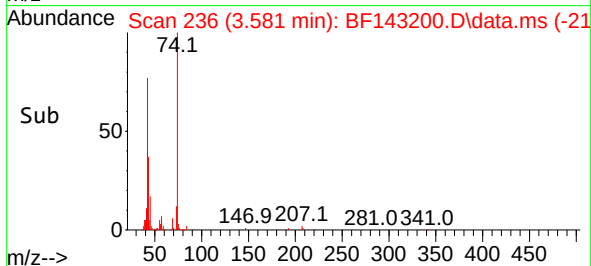
Instrument :
BNA_F
ClientSampleId :
FRAC TANKMSD



Tgt Ion: 42 Resp: 165712
Ion Ratio Lower Upper
42 100
74 167.2 91.7 137.5
44 10.5 5.6 8.4

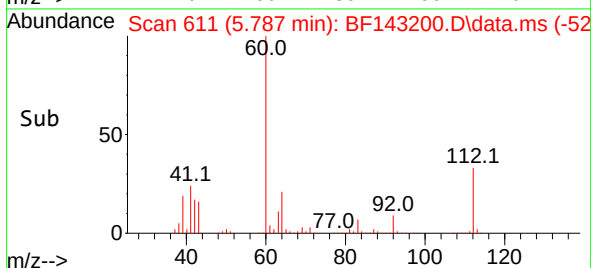
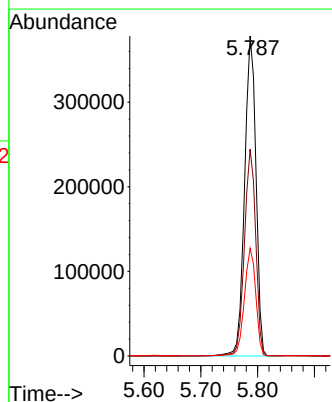
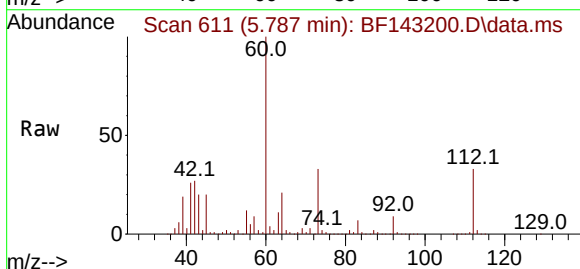
Manual Integrations
APPROVED

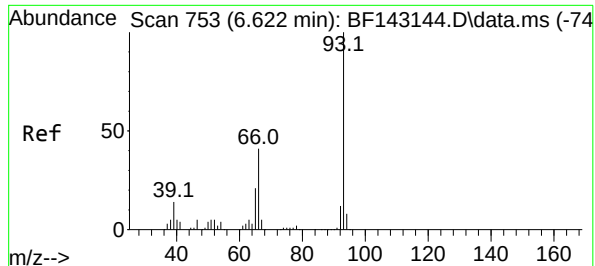
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#5
2-Fluorophenol
Concen: 80.252 ng
RT: 5.787 min Scan# 611
Delta R.T. 0.200 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

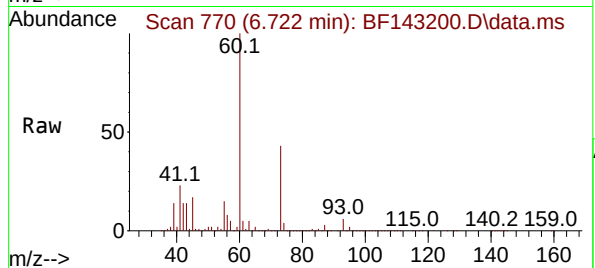
Tgt Ion:112 Resp: 524551
Ion Ratio Lower Upper
112 100
64 64.6 53.1 79.7
63 33.7 26.6 40.0





#6
Aniline
Concen: 14.357 ng
RT: 6.722 min Scan# 71
Delta R.T. 0.100 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

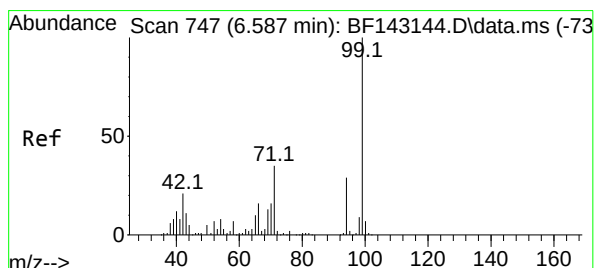
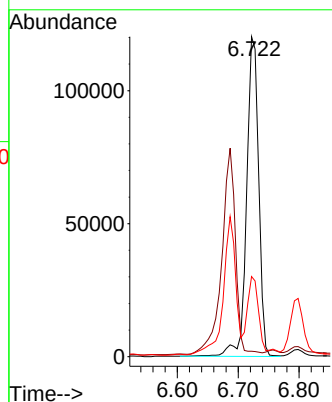
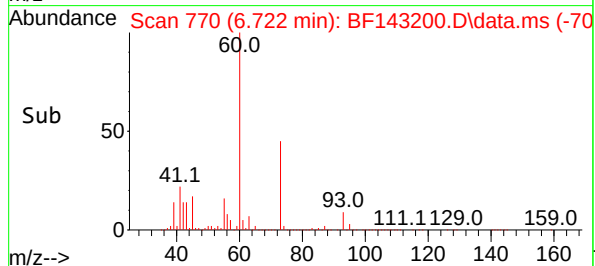
Instrument :
BNA_F
ClientSampleId :
FRAC TANKMSD



Tgt Ion: 93 Resp: 164620
Ion Ratio Lower Upper
93 100
66 1.7 33.2 49.8
65 25.1 16.9 25.3

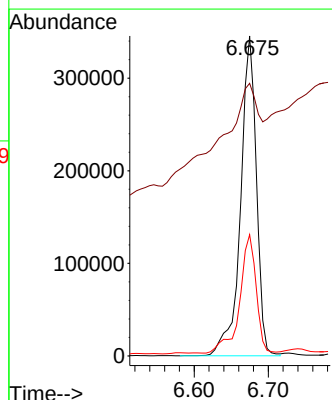
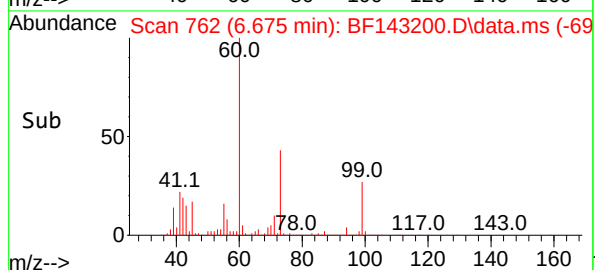
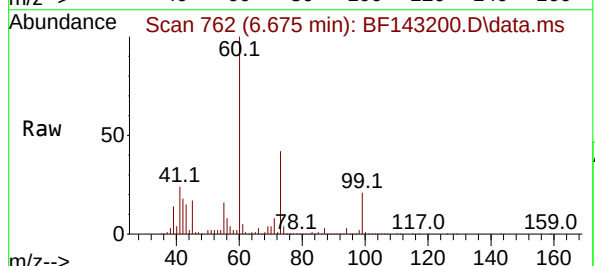
Manual Integrations
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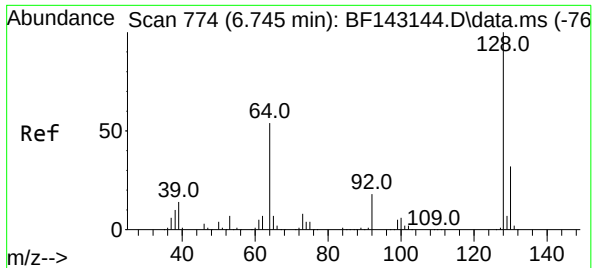
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#7
Phenol-d6
Concen: 62.394 ng
RT: 6.675 min Scan# 762
Delta R.T. 0.088 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion: 99 Resp: 513323
Ion Ratio Lower Upper
99 100
42 85.2 17.0 25.6
71 37.9 27.7 41.5





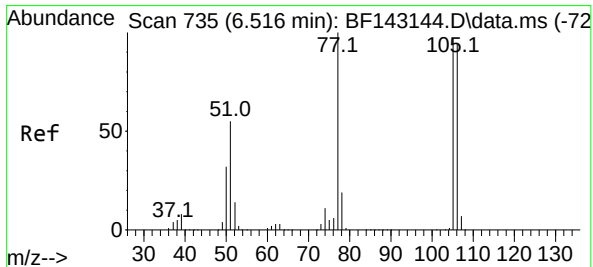
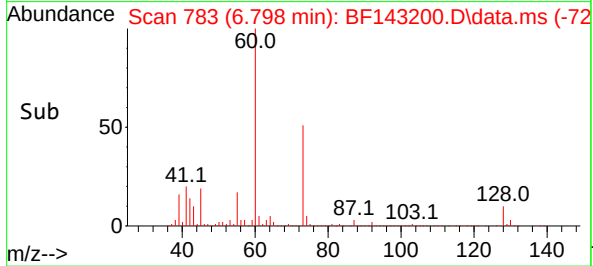
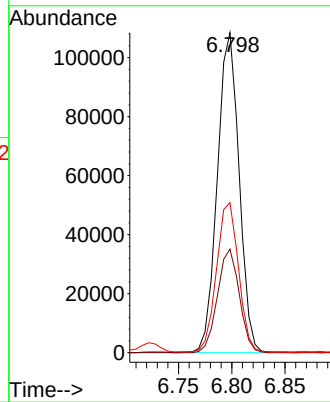
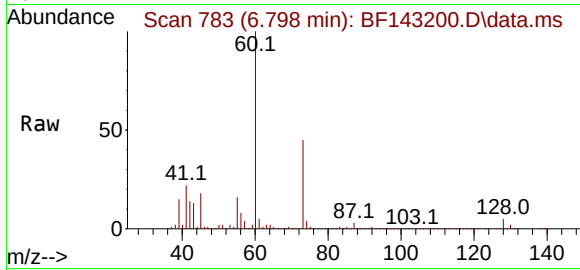
#8
2-Chlorophenol
Concen: 22.454 ng
RT: 6.798 min Scan# 714
Delta R.T. 0.053 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Instrument :
BNA_F
ClientSampleId :
FRAC TANKMSD

Tgt Ion:128 Resp: 15384
Ion Ratio Lower Upper
128 100
130 32.3 12.3 52.3
64 46.9 35.9 75.9

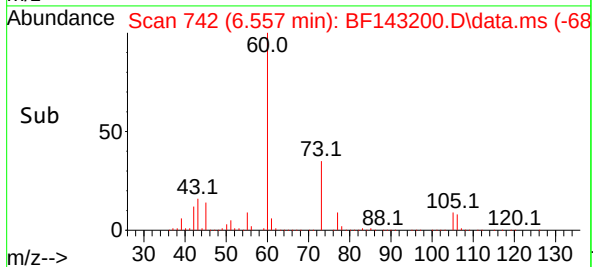
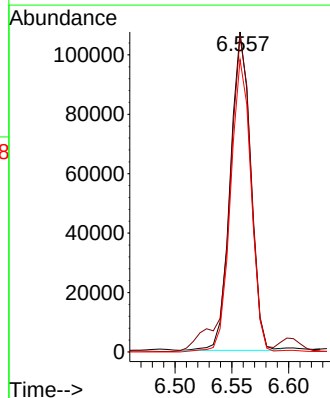
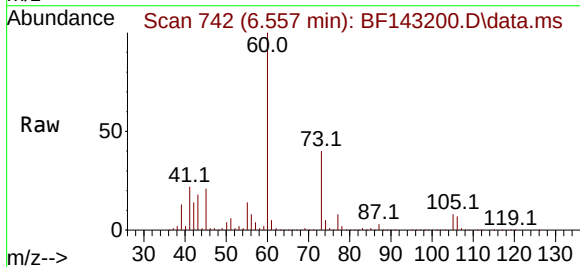
Manual Integrations
APPROVED

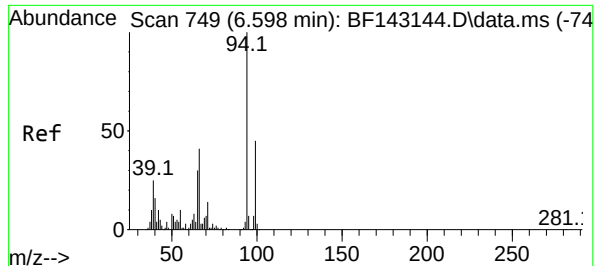
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#9
Benzaldehyde
Concen: 21.652 ng
RT: 6.557 min Scan# 742
Delta R.T. 0.041 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion: 77 Resp: 133576
Ion Ratio Lower Upper
77 100
105 98.5 76.8 116.8
106 91.4 74.4 114.4





#10

Phenol

Concen: 25.522 ng

RT: 6.687 min Scan# 70

Delta R.T. 0.088 min

Lab File: BF143200.D

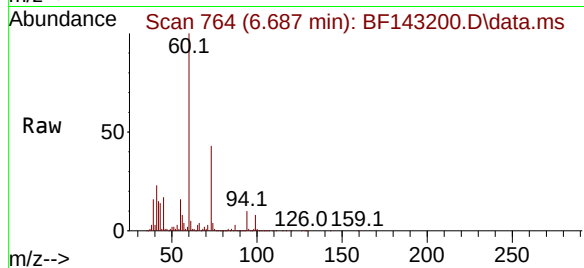
Acq: 22 Jul 2025 20:49

Instrument :

BNA_F

ClientSampleId :

FRAC TANKMSD



Tgt Ion: 94 Resp: 22874

Ion Ratio Lower Upper

94 100

65 30.5 10.0 50.0

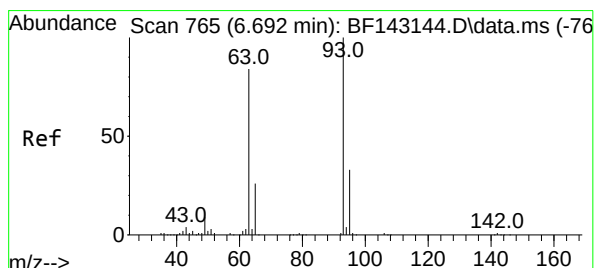
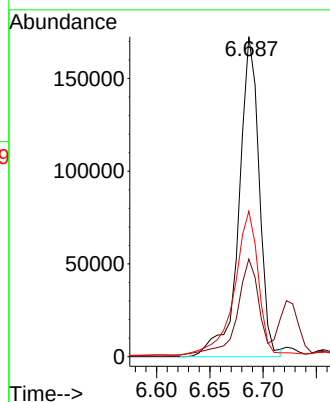
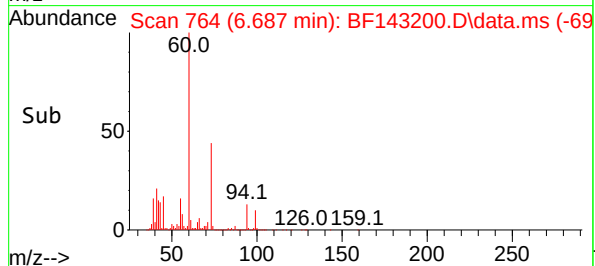
66 45.4 20.8 60.8

Manual Integrations

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Reviewed By :Rahul Chavli 07/23/2025

Supervised By :Jagrut Upadhyay 07/23/2025



#11

bis(2-Chloroethyl)ether

Concen: 23.989 ng

RT: 6.722 min Scan# 770

Delta R.T. 0.029 min

Lab File: BF143200.D

Acq: 22 Jul 2025 20:49

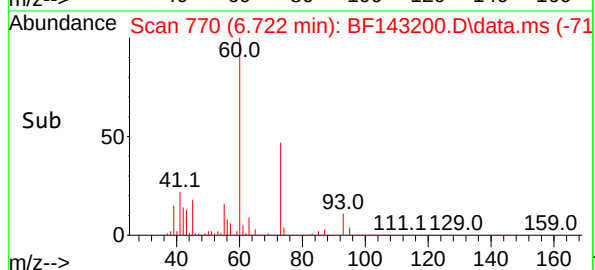
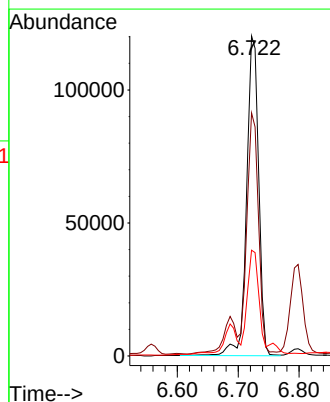
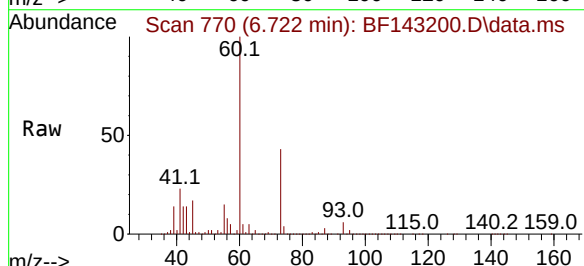
Tgt Ion: 93 Resp: 164620

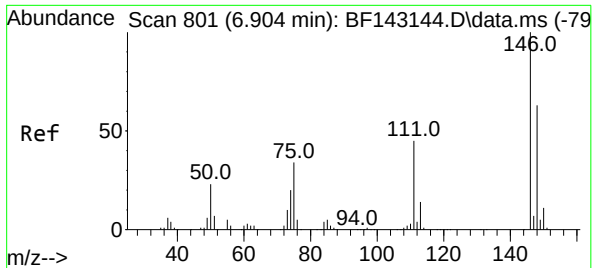
Ion Ratio Lower Upper

93 100

63 75.9 63.4 103.4

95 33.1 12.4 52.4





#12

1,3-Dichlorobenzene

Concen: 32.585 ng

RT: 6.934 min Scan# 801

Delta R.T. 0.029 min

Lab File: BF143200.D

Acq: 22 Jul 2025 20:49

Instrument :

BNA_F

ClientSampleId :

FRAC TANKMSD

Tgt Ion:146 Resp: 242524

Ion Ratio Lower Upper

146 100

148 63.7 50.6 76.0

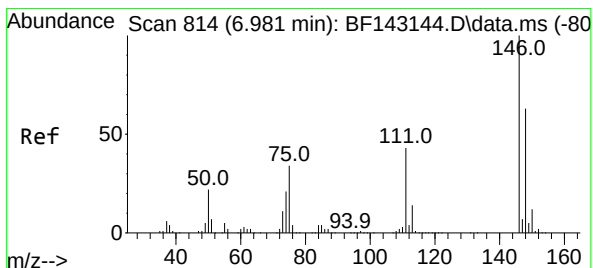
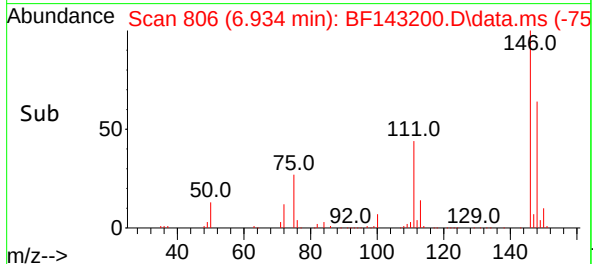
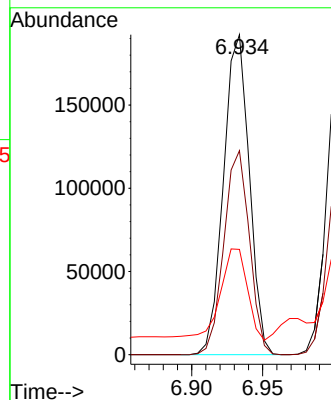
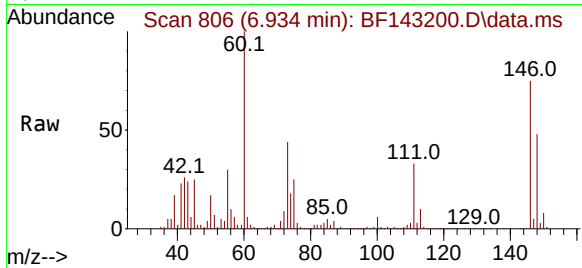
75 32.9 27.4 41.2

Manual Integrations

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Reviewed By :Rahul Chavli 07/23/2025

Supervised By :Jagrut Upadhyay 07/23/2025



#13

1,4-Dichlorobenzene

Concen: 36.087 ng

RT: 7.004 min Scan# 818

Delta R.T. 0.024 min

Lab File: BF143200.D

Acq: 22 Jul 2025 20:49

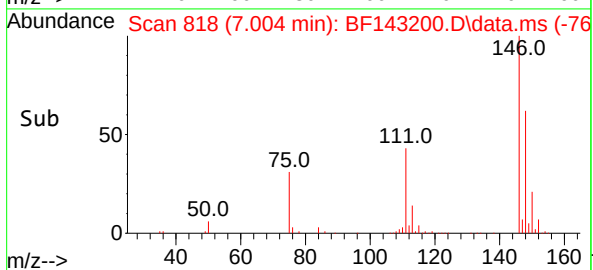
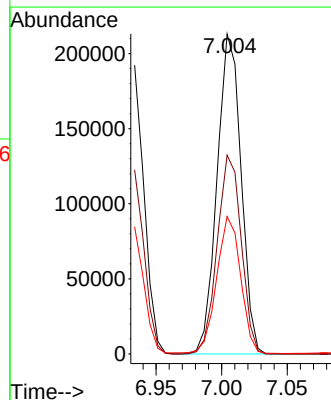
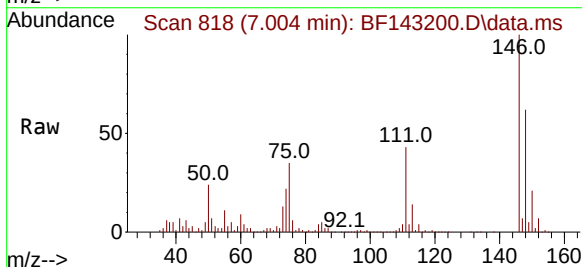
Tgt Ion:146 Resp: 270486

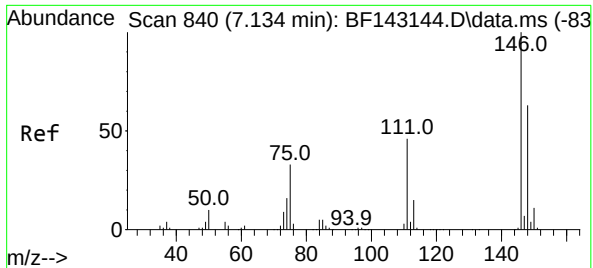
Ion Ratio Lower Upper

146 100

148 62.2 50.3 75.5

111 42.9 34.4 51.6





#14

1,2-Dichlorobenzene

Concen: 28.428 ng

RT: 7.157 min Scan# 84

Delta R.T. 0.024 min

Lab File: BF143200.D

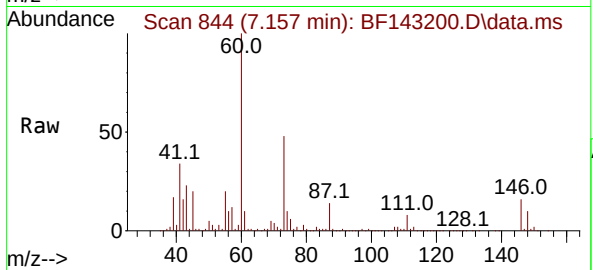
Acq: 22 Jul 2025 20:49

Instrument :

BNA_F

ClientSampleId :

FRAC TANKMSD



Tgt Ion:146 Resp: 20266

Ion Ratio Lower Upper

146 100

148 63.7 50.7 76.1

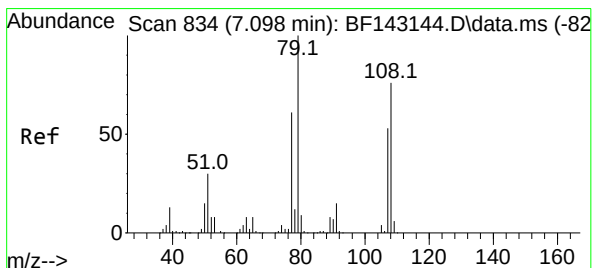
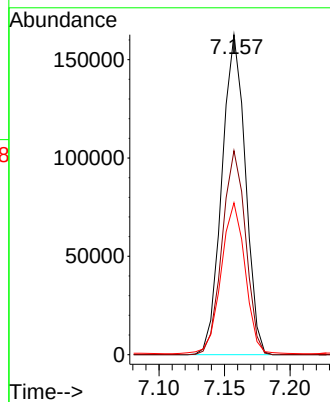
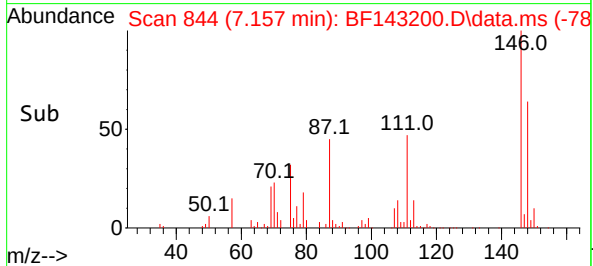
111 47.5 36.6 54.8

Manual Integrations

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Reviewed By :Rahul Chavli 07/23/2025

Supervised By :Jagrut Upadhyay 07/23/2025



#15

Benzyl Alcohol

Concen: 89.206 ng

RT: 7.251 min Scan# 860

Delta R.T. 0.153 min

Lab File: BF143200.D

Acq: 22 Jul 2025 20:49

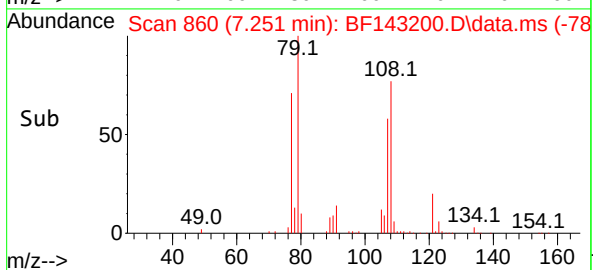
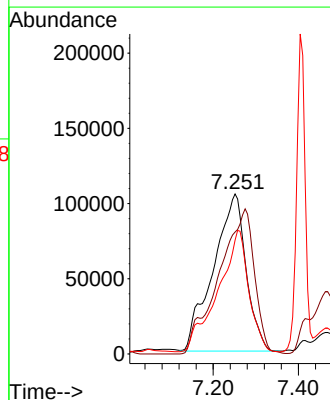
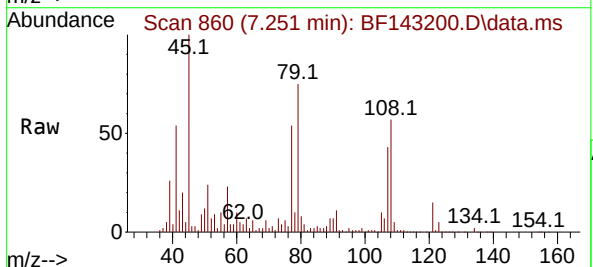
Tgt Ion: 79 Resp: 560378

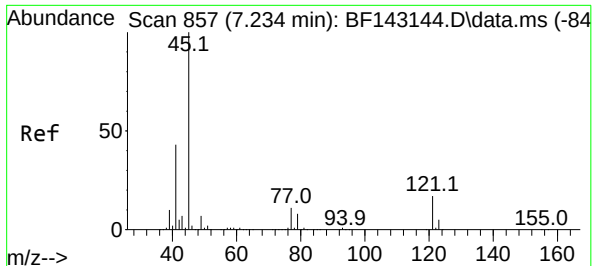
Ion Ratio Lower Upper

79 100

108 76.2 61.1 91.7

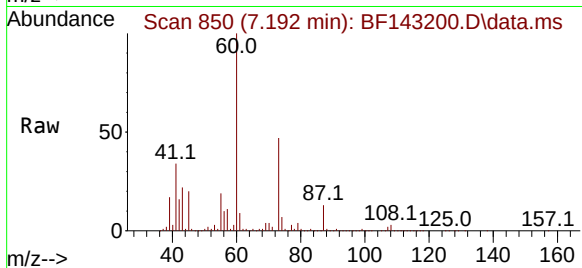
77 71.2 48.9 73.3





#16
2,2'-oxybis(1-Chloropropane)
Concen: 124.945 ng
RT: 7.192 min Scan# 81
Delta R.T. -0.041 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

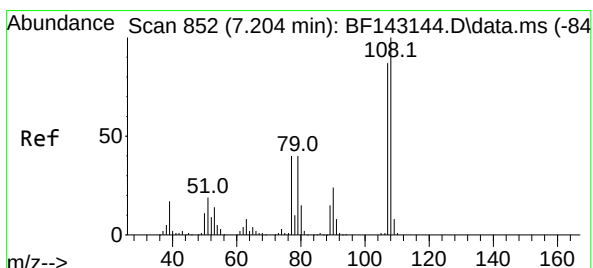
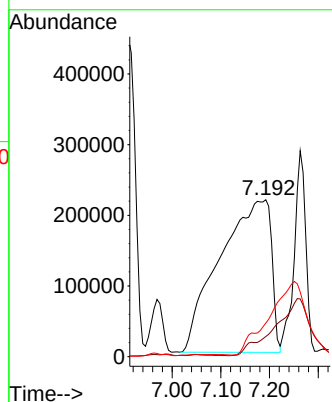
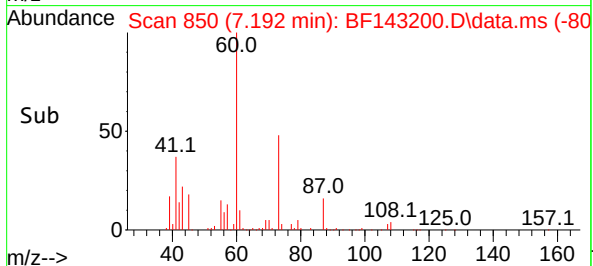
Instrument :
BNA_F
ClientSampleId :
FRAC TANKMSD



Tgt Ion: 45 Resp: 159055
Ion Ratio Lower Upper
45 100
77 12.8 0.0 31.2
79 21.4 0.0 28.5

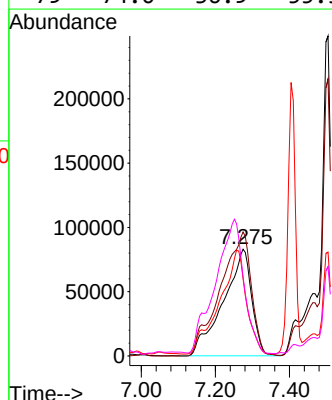
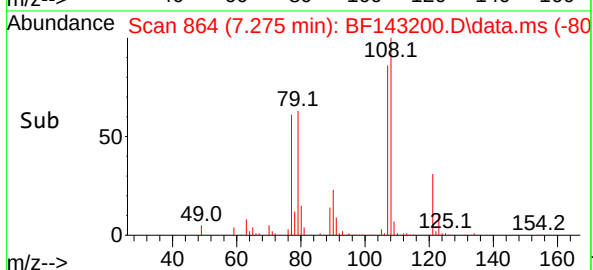
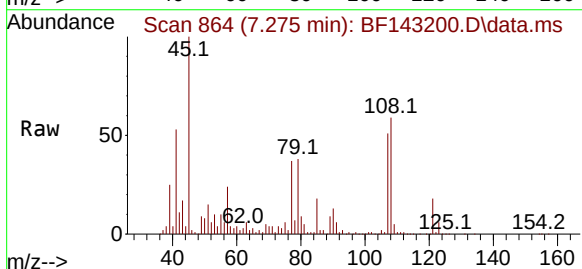
Manual Integrations
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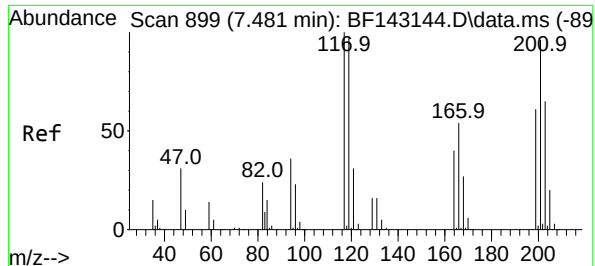
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#17
2-Methylphenol
Concen: 76.331 ng
RT: 7.275 min Scan# 864
Delta R.T. 0.071 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion:107 Resp: 439726
Ion Ratio Lower Upper
107 100
108 116.1 91.8 137.6
77 72.2 37.0 55.6#
79 74.0 36.9 55.3#





#18

Hexachloroethane

Concen: 36.296 ng

RT: 7.498 min Scan# 902

Delta R.T. 0.018 min

Lab File: BF143200.D

Acq: 22 Jul 2025 20:49

Instrument :

BNA_F

ClientSampleId :

FRAC TANKMSD

Tgt Ion:117 Resp: 94180

Ion Ratio Lower Upper

117 100

119 98.8 77.8 116.8

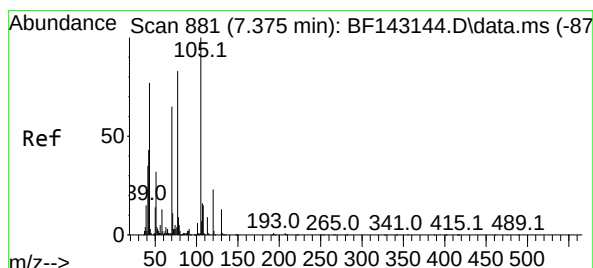
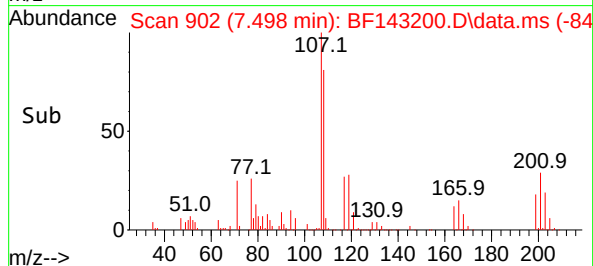
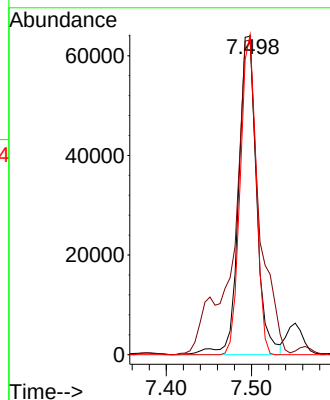
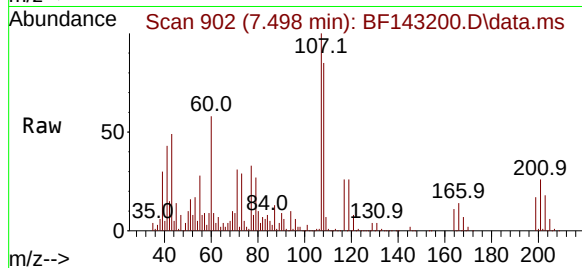
201 100.5 77.0 115.4

Manual Integrations

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Reviewed By :Rahul Chavli 07/23/2025

Supervised By :Jagrut Upadhyay 07/23/2025



#19

n-Nitroso-di-n-propylamine

Concen: 35.918 ng

RT: 7.410 min Scan# 887

Delta R.T. 0.035 min

Lab File: BF143200.D

Acq: 22 Jul 2025 20:49

Tgt Ion: 70 Resp: 189587

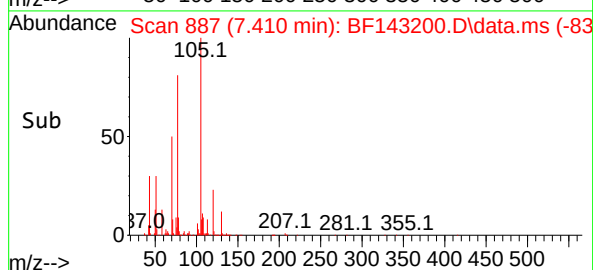
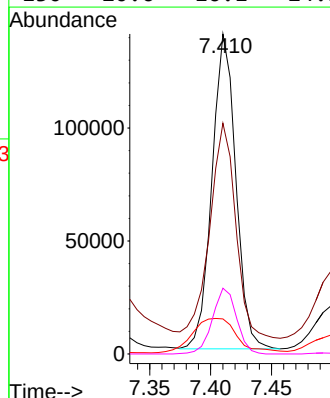
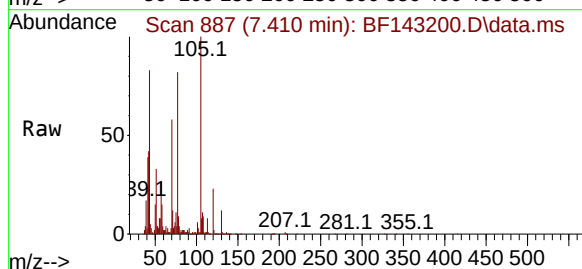
Ion Ratio Lower Upper

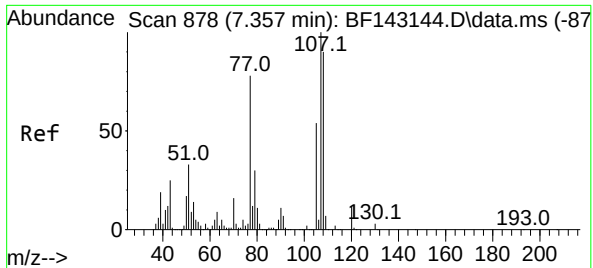
70 100

42 72.1 52.5 78.7

101 11.0 7.6 11.4

130 20.6 16.1 24.1





#20

3+4-Methylphenols

Concen: 52.132 ng m

RT: 7.504 min Scan# 90

Delta R.T. 0.147 min

Lab File: BF143200.D

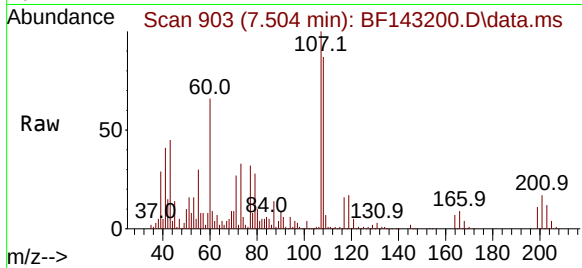
Acq: 22 Jul 2025 20:49

Instrument :

BNA_F

ClientSampleId :

FRAC TANKMSD



Tgt Ion:107 Resp: 364374

Ion Ratio Lower Upper

107 100

108 86.6 70.0 110.0

77 32.5 57.8 97.8

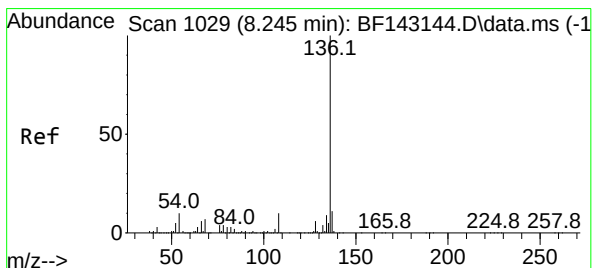
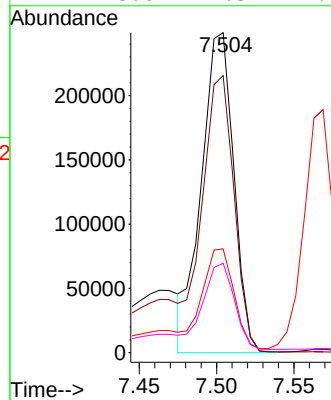
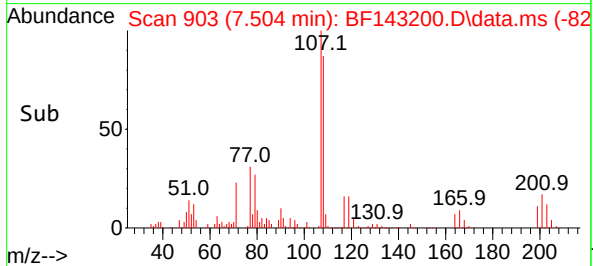
79 28.0 9.5 49.5

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Reviewed By :Rahul Chavli 07/23/2025

Supervised By :Jagrut Upadhyay 07/23/2025



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.269 min Scan# 1033

Delta R.T. 0.024 min

Lab File: BF143200.D

Acq: 22 Jul 2025 20:49

Tgt Ion:136 Resp: 358963

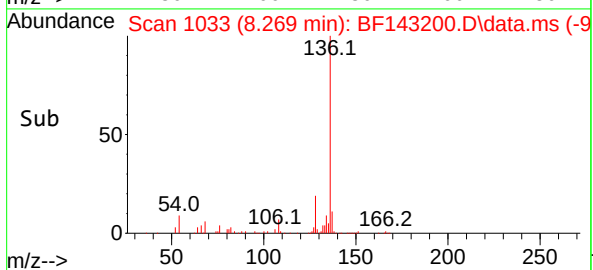
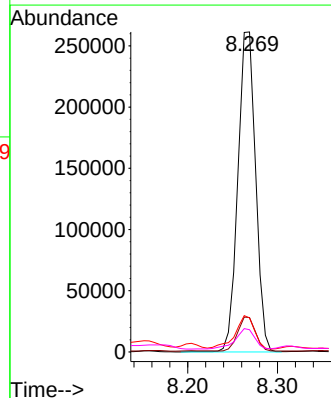
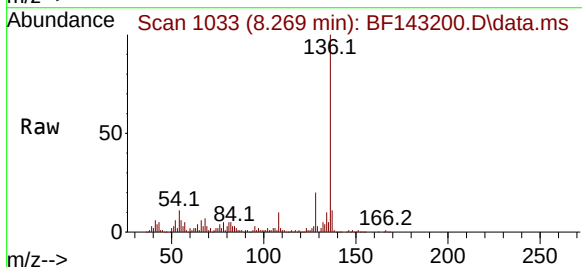
Ion Ratio Lower Upper

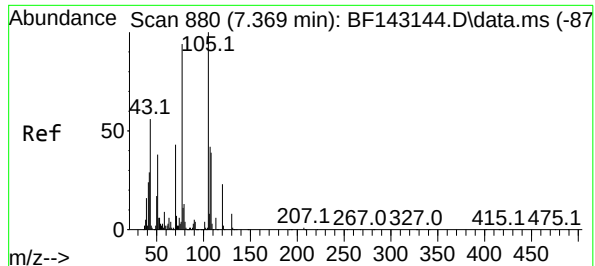
136 100

137 10.8 8.6 13.0

54 10.6 8.2 12.2

68 7.0 5.4 8.2





#22

Acetophenone

Concen: 42.304 ng

RT: 7.404 min Scan# 880

Delta R.T. 0.035 min

Lab File: BF143200.D

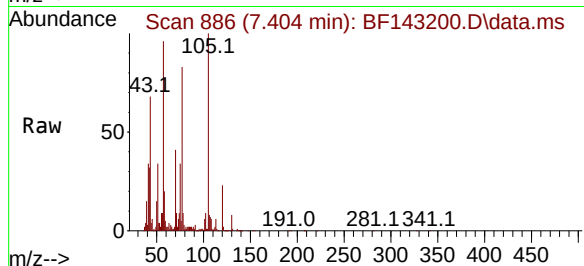
Acq: 22 Jul 2025 20:49

Instrument :

BNA_F

ClientSampleId :

FRAC TANKMSD



Tgt Ion: 105 Resp: 35952

Ion Ratio Lower Upper

105 100

71 9.0 5.8 8.6

51 33.9 30.2 45.2

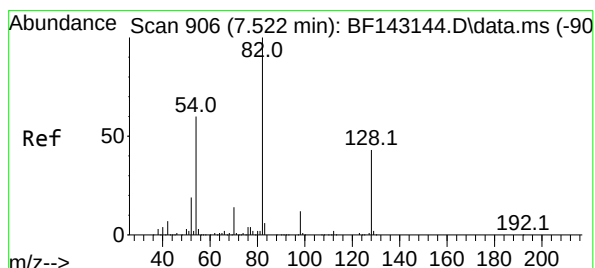
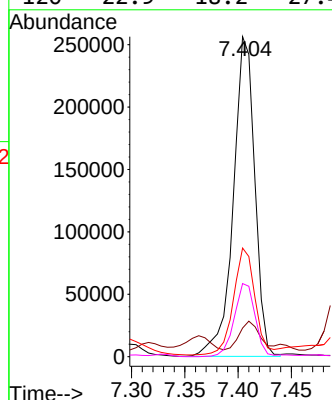
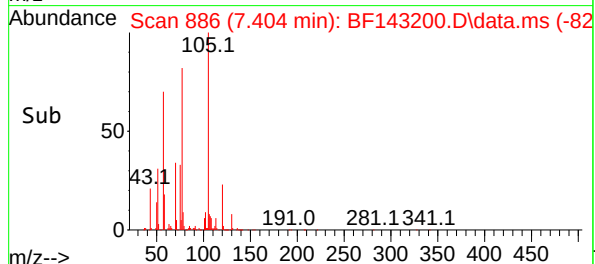
120 22.9 18.2 27.4

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#23

Nitrobenzene-d5

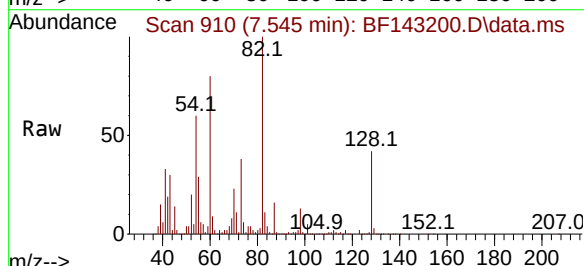
Concen: 71.658 ng

RT: 7.545 min Scan# 910

Delta R.T. 0.024 min

Lab File: BF143200.D

Acq: 22 Jul 2025 20:49



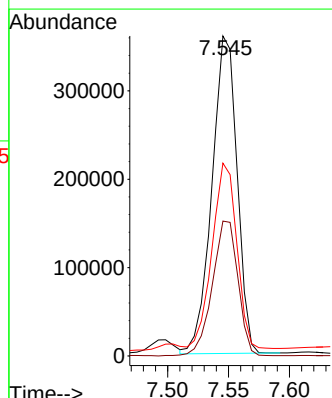
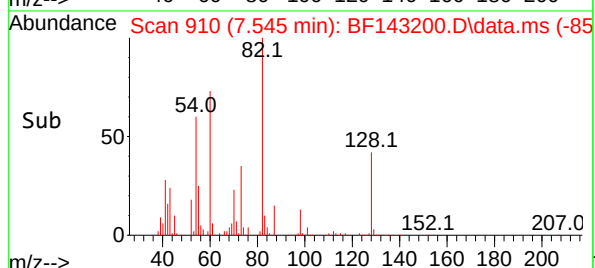
Tgt Ion: 82 Resp: 516027

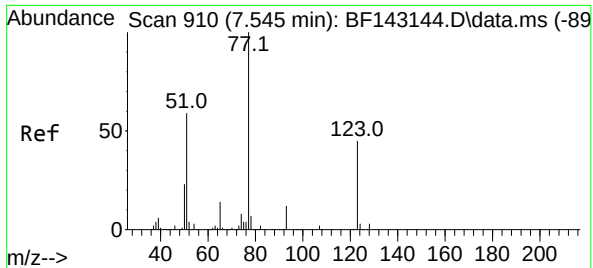
Ion Ratio Lower Upper

82 100

128 42.1 33.6 50.4

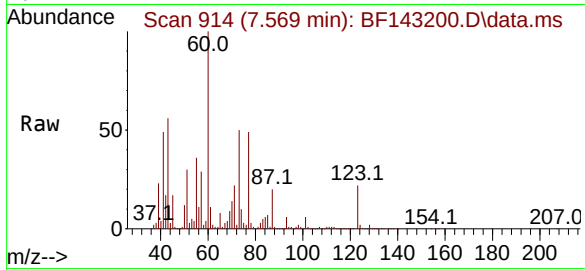
54 60.3 47.1 70.7





#24
Nitrobenzene
Concen: 36.402 ng
RT: 7.569 min Scan# 914
Delta R.T. 0.024 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

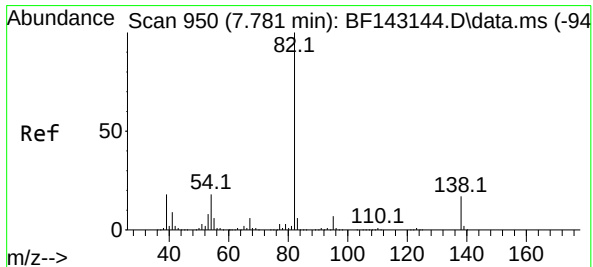
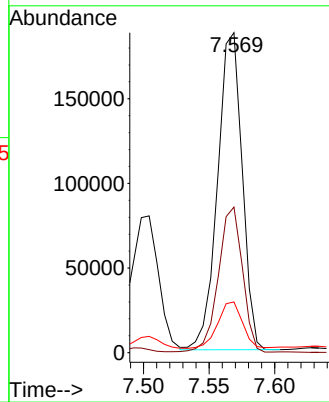
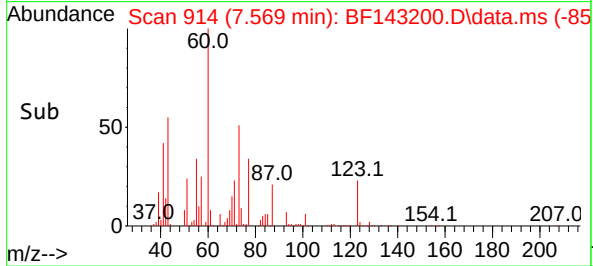
Instrument :
BNA_F
ClientSampleId :
FRAC TANKMSD



Tgt Ion: 77 Resp: 244395
Ion Ratio Lower Upper
77 100
123 45.5 36.1 54.1
65 15.8 11.4 17.2

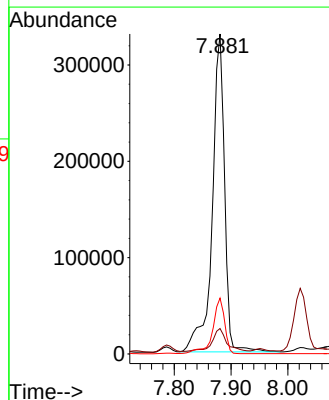
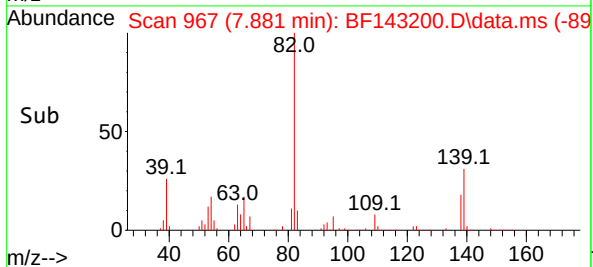
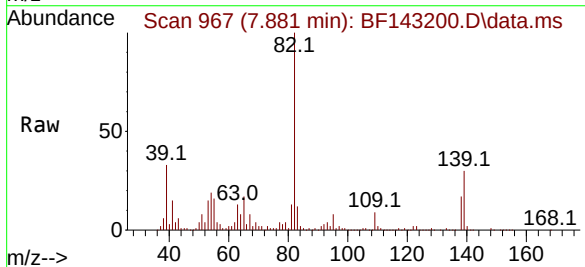
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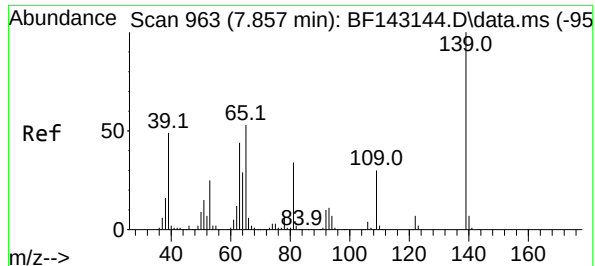
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#25
Isophorone
Concen: 39.100 ng
RT: 7.881 min Scan# 967
Delta R.T. 0.100 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion: 82 Resp: 497065
Ion Ratio Lower Upper
82 100
95 8.0 5.5 8.3
138 17.5 13.8 20.8





#26

2-Nitrophenol

Concen: 45.589 ng

RT: 7.881 min Scan# 90

Delta R.T. 0.024 min

Lab File: BF143200.D

Acq: 22 Jul 2025 20:49

Instrument :

BNA_F

ClientSampleId :

FRAC TANKMSD

Tgt Ion:139 Resp: 13283

Ion Ratio Lower Upper

139 100

109 30.5 23.6 35.4

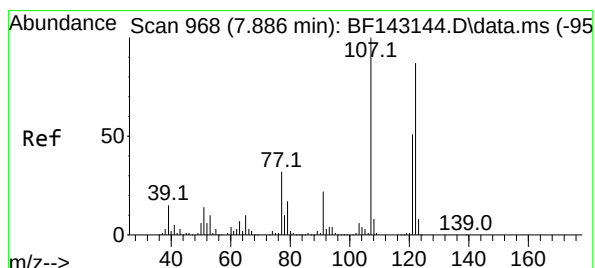
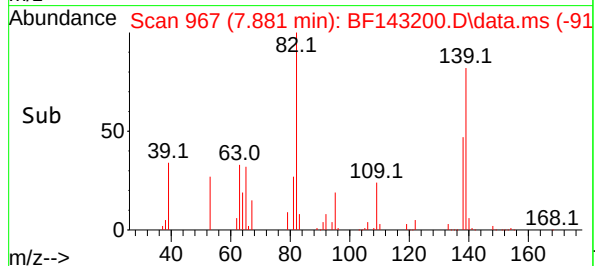
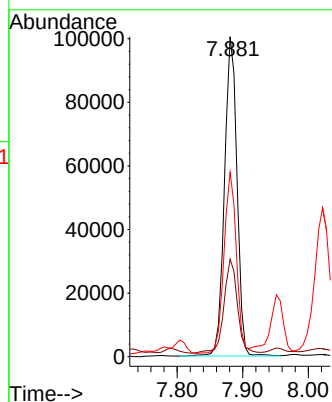
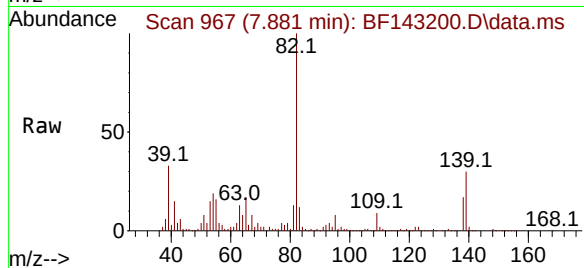
65 57.6 42.6 64.0

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Reviewed By :Rahul Chavli 07/23/2025

Supervised By :Jagrut Upadhyay 07/23/2025



#27

2,4-Dimethylphenol

Concen: 35.902 ng

RT: 7.951 min Scan# 979

Delta R.T. 0.065 min

Lab File: BF143200.D

Acq: 22 Jul 2025 20:49

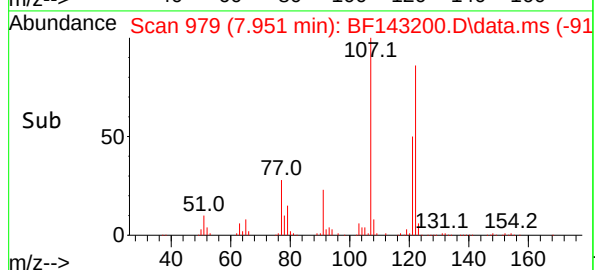
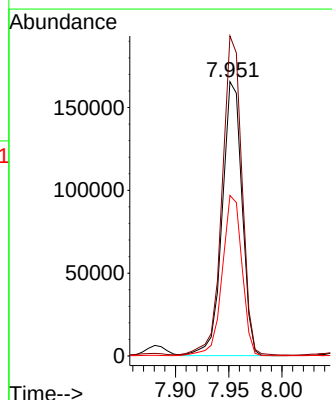
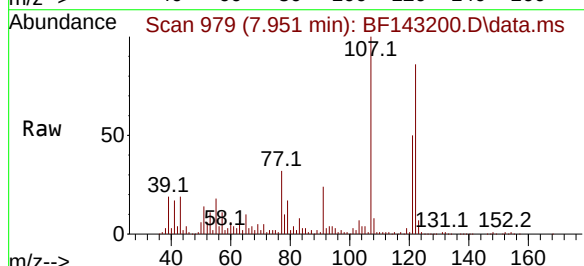
Tgt Ion:122 Resp: 213236

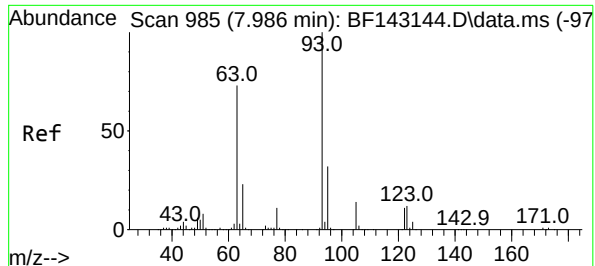
Ion Ratio Lower Upper

122 100

107 116.7 91.8 137.6

121 58.5 46.3 69.5





#28

bis(2-Chloroethoxy)methane

Concen: 39.272 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.035 min

Lab File: BF143200.D

Acq: 22 Jul 2025 20:49

Instrument :

BNA_F

ClientSampleId :

FRAC TANKMSD

Tgt Ion: 93 Resp: 299334

Ion Ratio Lower Upper

93 100

95 34.2 25.8 38.6

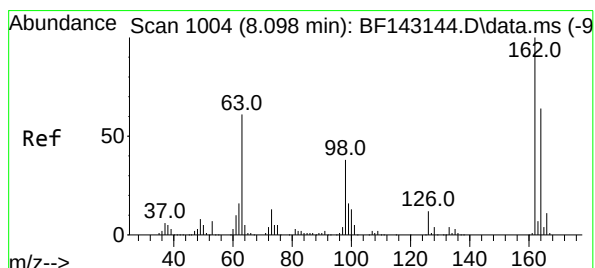
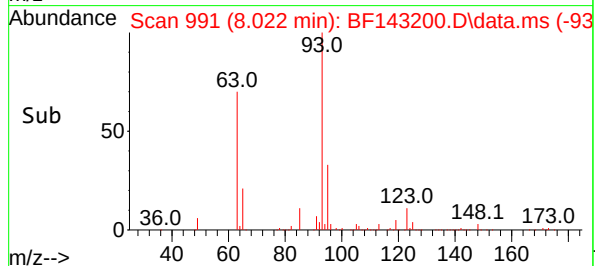
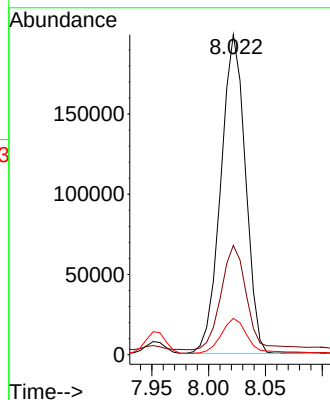
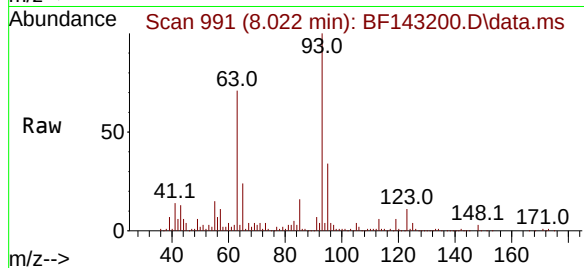
123 11.4 9.7 14.5

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Reviewed By :Rahul Chavli 07/23/2025

Supervised By :Jagrut Upadhyay 07/23/2025



#29

2,4-Dichlorophenol

Concen: 34.481 ng

RT: 8.157 min Scan# 1014

Delta R.T. 0.059 min

Lab File: BF143200.D

Acq: 22 Jul 2025 20:49

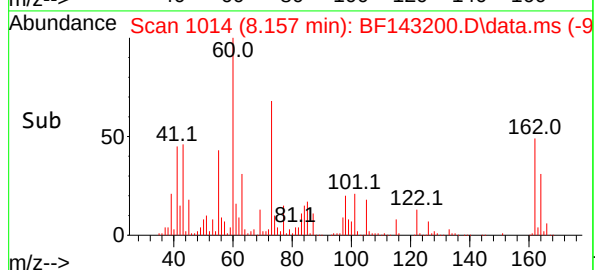
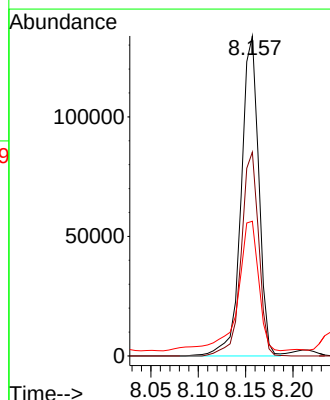
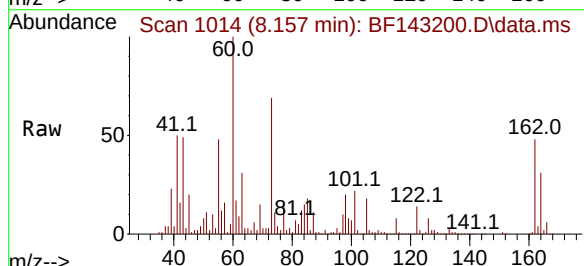
Tgt Ion:162 Resp: 172713

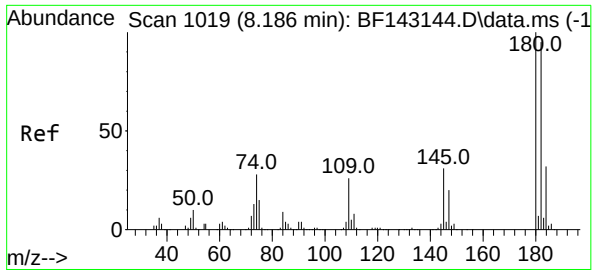
Ion Ratio Lower Upper

162 100

164 63.7 44.2 84.2

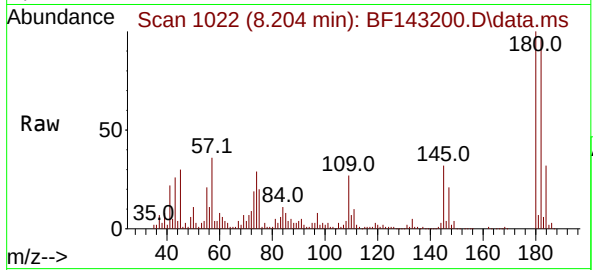
98 42.1 17.9 57.9





#30
1,2,4-Trichlorobenzene
Concen: 37.284 ng
RT: 8.204 min Scan# 1036
Delta R.T. 0.018 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

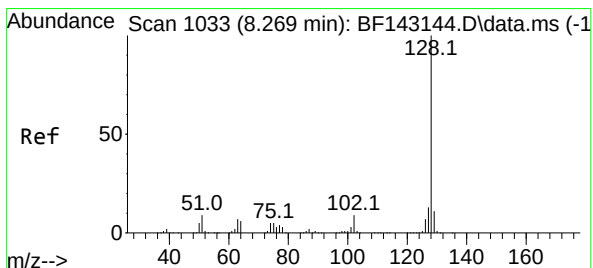
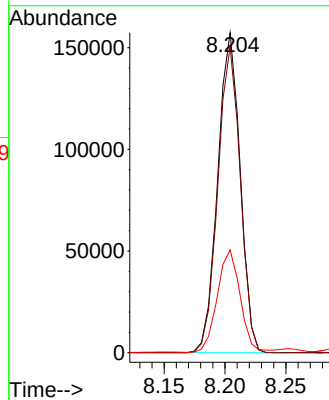
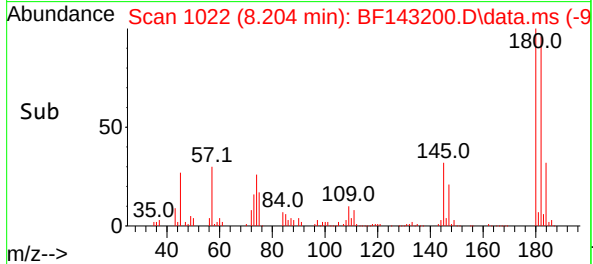
Instrument :
BNA_F
ClientSampleId :
FRAC TANKMSD



Tgt Ion:180 Resp: 20175
Ion Ratio Lower Upper
180 100
182 95.6 76.2 114.2
145 32.1 25.0 37.6

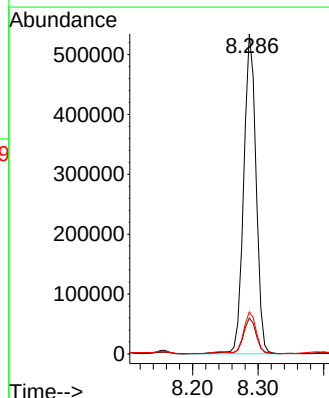
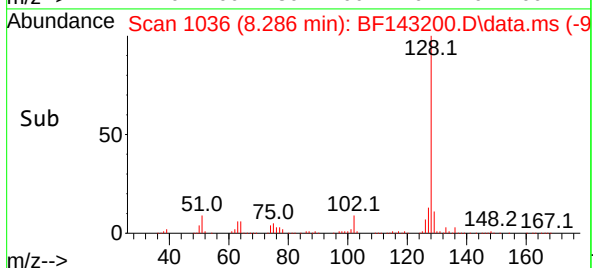
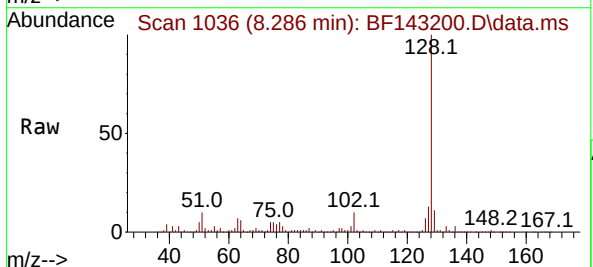
Manual Integrations
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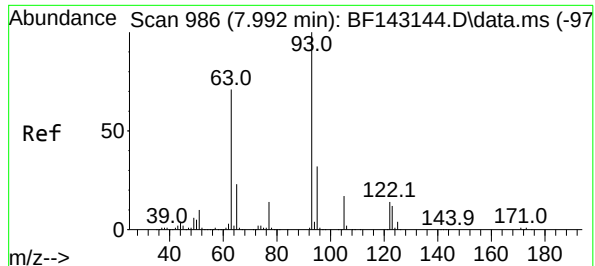
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#31
Naphthalene
Concen: 39.637 ng
RT: 8.286 min Scan# 1036
Delta R.T. 0.018 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion:128 Resp: 700722
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.4
127 13.2 10.6 16.0





#32

Benzoic acid

Concen: 66.975 ng

RT: 8.175 min Scan# 1017

Delta R.T. 0.183 min

Lab File: BF143200.D

Acq: 22 Jul 2025 20:49

Instrument :

BNA_F

ClientSampleId :

FRAC TANKMSD

Tgt Ion:122 Resp: 23175

Ion Ratio Lower Upper

122 100

105 127.1 104.8 144.8

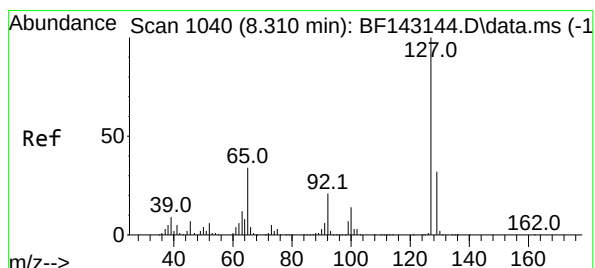
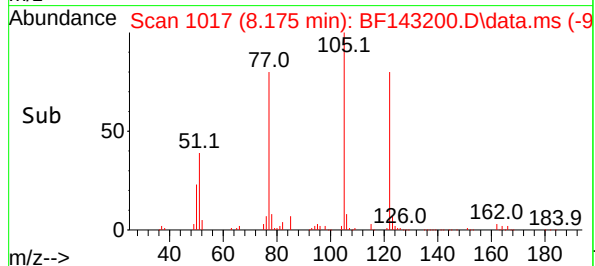
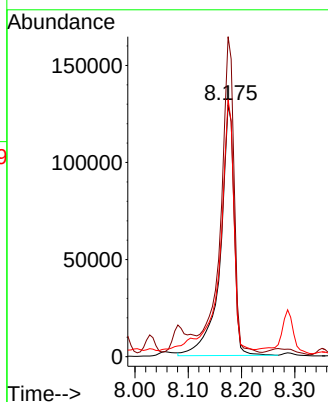
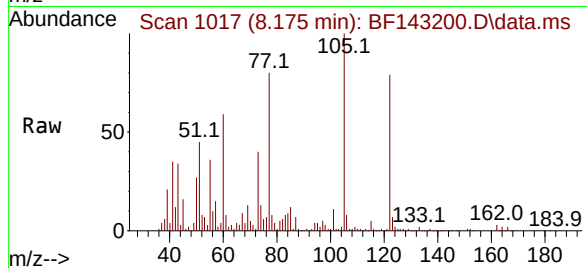
77 102.1 77.6 117.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/23/2025

Supervised By :Jagrut Upadhyay 07/23/2025



#33

4-Chloroaniline

Concen: 12.557 ng

RT: 8.286 min Scan# 1036

Delta R.T. -0.023 min

Lab File: BF143200.D

Acq: 22 Jul 2025 20:49

Tgt Ion:127 Resp: 90646

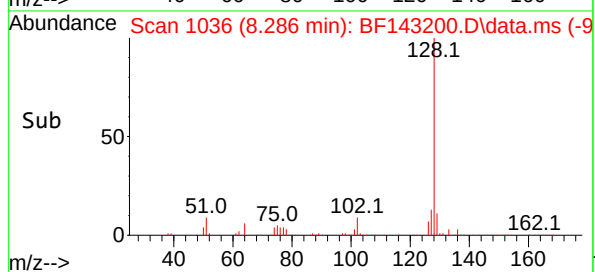
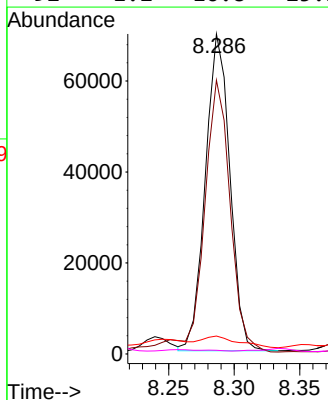
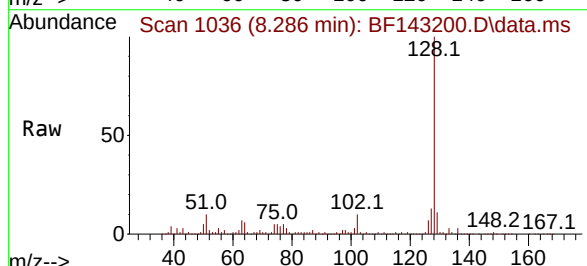
Ion Ratio Lower Upper

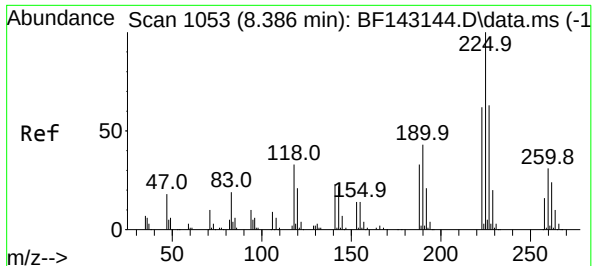
127 100

129 85.6 26.0 39.0#

65 5.6 27.4 41.2#

92 1.2 16.8 25.2#





#34

Hexachlorobutadiene

Concen: 38.795 ng

RT: 8.404 min Scan# 1102

Delta R.T. 0.018 min

Lab File: BF143200.D

Acq: 22 Jul 2025 20:49

Instrument :

BNA_F

ClientSampleId :

FRAC TANKMSD

Tgt Ion:225 Resp: 12824

Ion Ratio Lower Upper

225 100

223 61.7 49.8 74.6

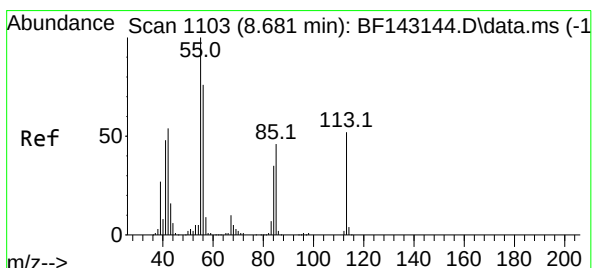
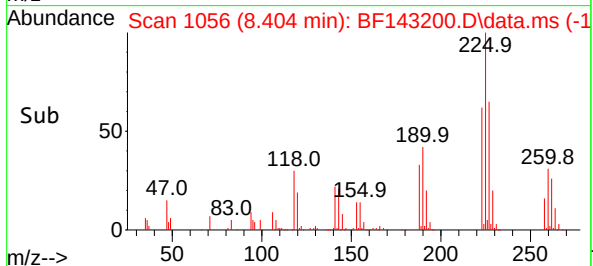
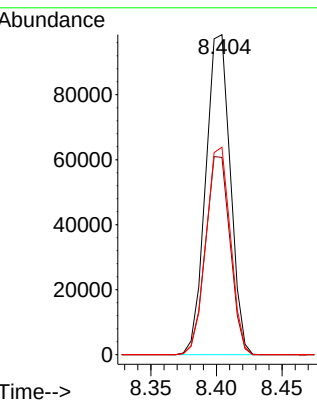
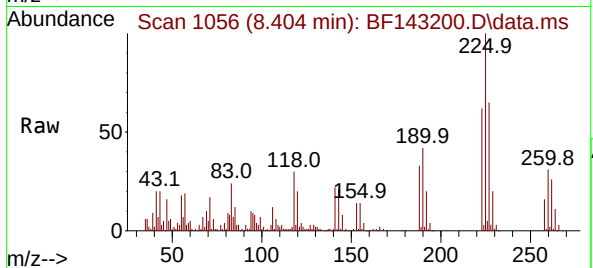
227 64.9 50.2 75.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/23/2025

Supervised By :Jagrut Upadhyay 07/23/2025



#35

Caprolactam

Concen: 46.376 ng m

RT: 8.792 min Scan# 1122

Delta R.T. 0.112 min

Lab File: BF143200.D

Acq: 22 Jul 2025 20:49

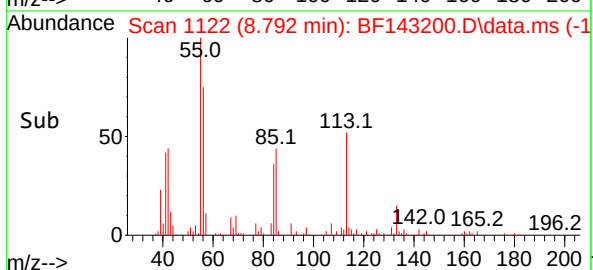
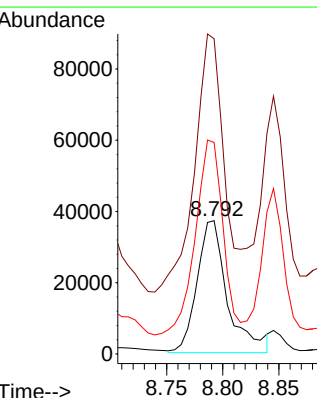
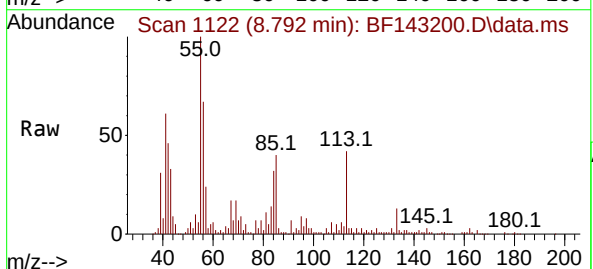
Tgt Ion:113 Resp: 70195

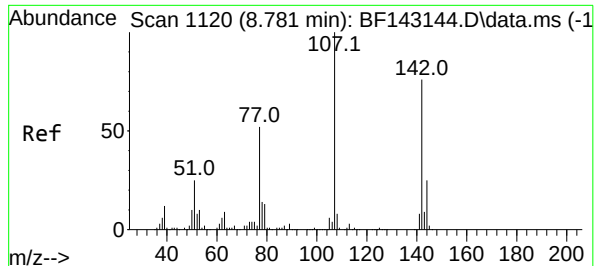
Ion Ratio Lower Upper

113 100

55 236.5 174.0 214.0#

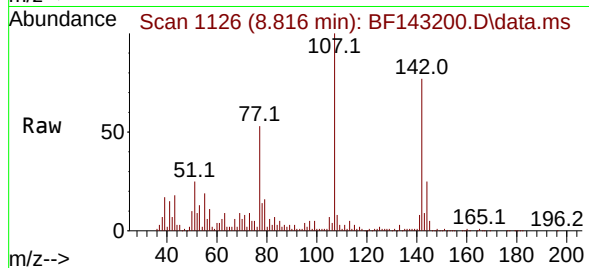
56 158.8 126.6 166.6





#36
4-Chloro-3-methylphenol
Concen: 35.500 ng
RT: 8.816 min Scan# 1126
Delta R.T. 0.035 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

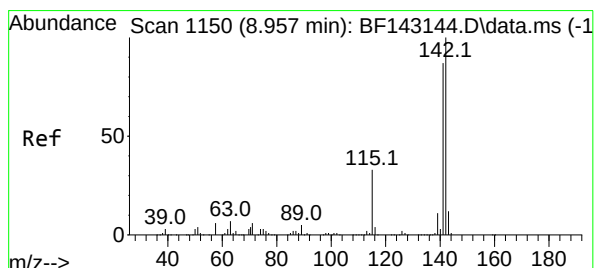
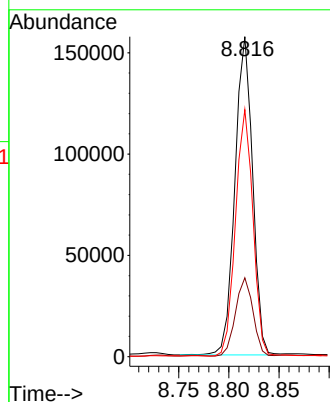
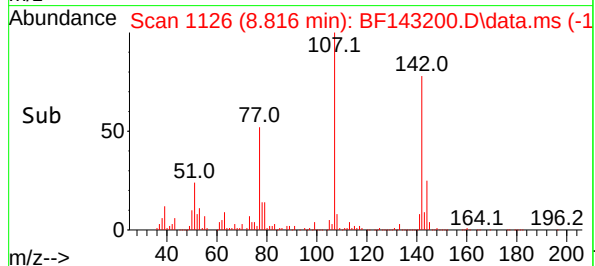
Instrument :
BNA_F
ClientSampleId :
FRAC TANKMSD



Tgt Ion:107 Resp: 193269
Ion Ratio Lower Upper
107 100
144 24.7 19.8 29.6
142 77.2 60.6 90.8

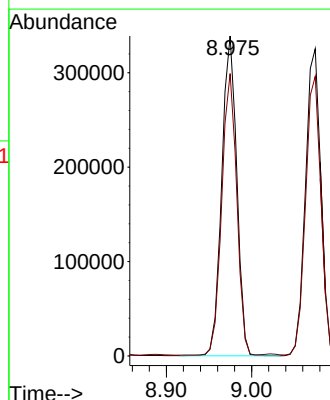
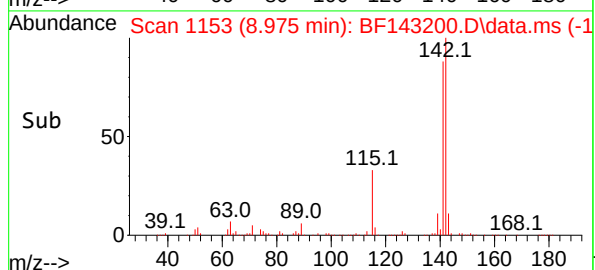
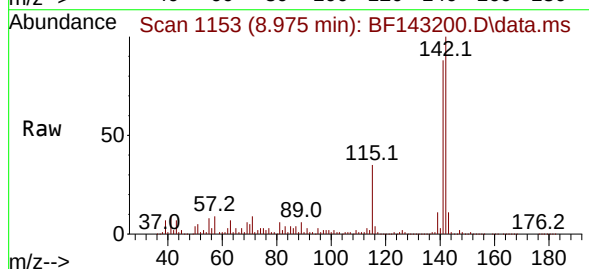
Manual Integrations
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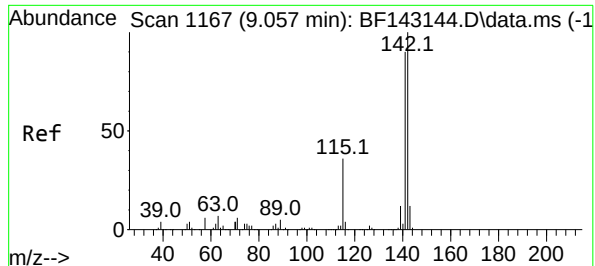
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#37
2-Methylnaphthalene
Concen: 38.456 ng
RT: 8.975 min Scan# 1153
Delta R.T. 0.018 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion:142 Resp: 413694
Ion Ratio Lower Upper
142 100
141 88.3 69.9 104.9





#38

1-Methylnaphthalene

Concen: 36.804 ng

RT: 9.075 min Scan# 1167

Delta R.T. 0.018 min

Lab File: BF143200.D

Acq: 22 Jul 2025 20:49

Instrument :

BNA_F

ClientSampleId :

FRAC TANKMSD

Tgt Ion:142 Resp: 40770

Ion Ratio Lower Upper

142 100

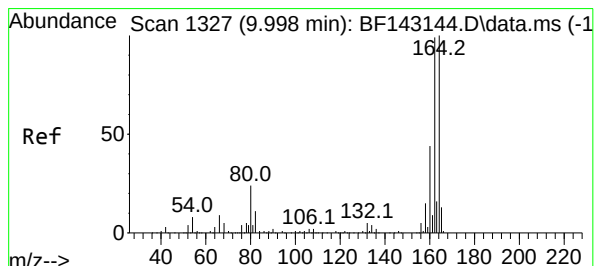
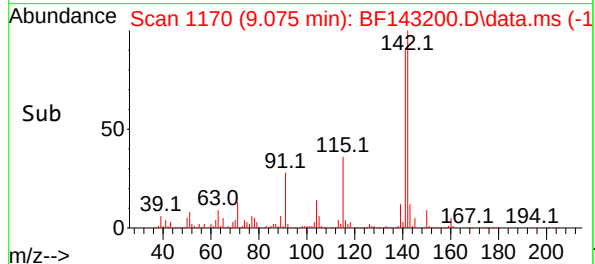
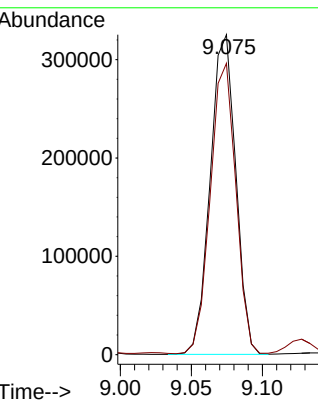
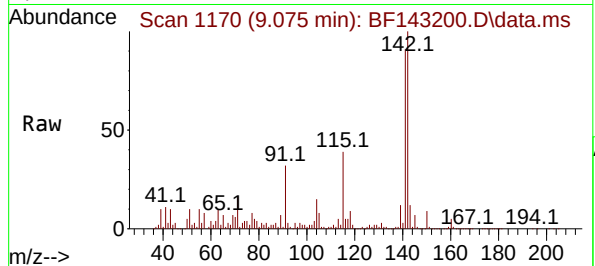
141 91.0 72.3 108.5

Manual Integrations

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Reviewed By :Rahul Chavli 07/23/2025

Supervised By :Jagrut Upadhyay 07/23/2025



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.010 min Scan# 1329

Delta R.T. 0.012 min

Lab File: BF143200.D

Acq: 22 Jul 2025 20:49

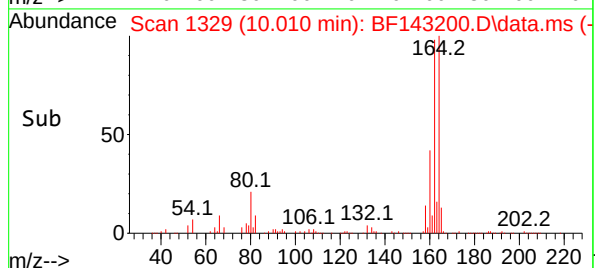
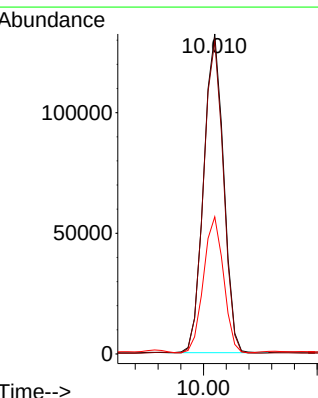
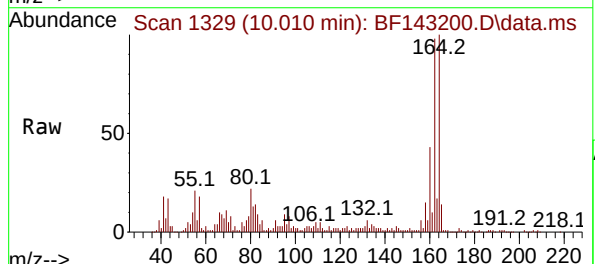
Tgt Ion:164 Resp: 160601

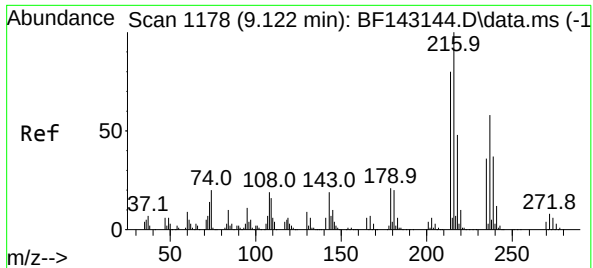
Ion Ratio Lower Upper

164 100

162 97.8 79.0 118.6

160 42.8 35.1 52.7





#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.378 ng

RT: 9.139 min Scan# 1181

Delta R.T. 0.018 min

Lab File: BF143200.D

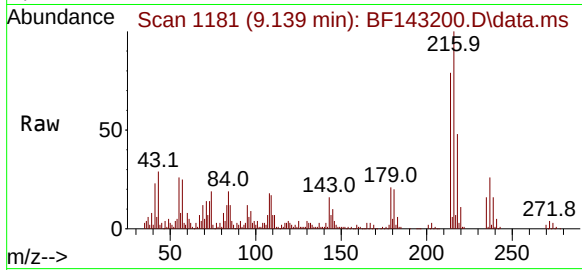
Acq: 22 Jul 2025 20:49

Instrument :

BNA_F

ClientSampleId :

FRAC TANKMSD



Tgt Ion:216 Resp: 19649

Ion Ratio Lower Upper

216 100

214 78.6 63.8 95.8

179 20.5 16.4 24.6

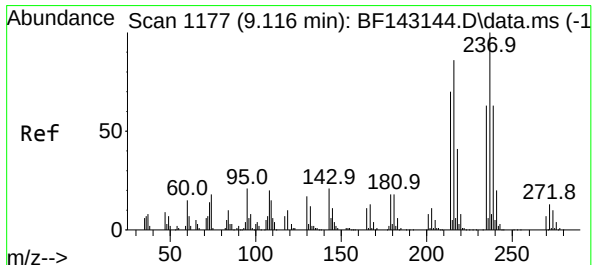
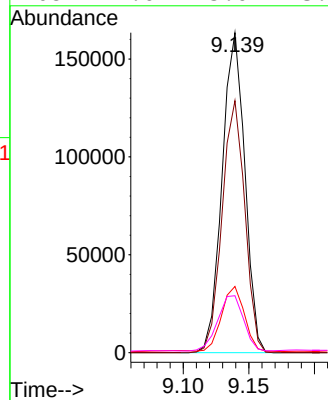
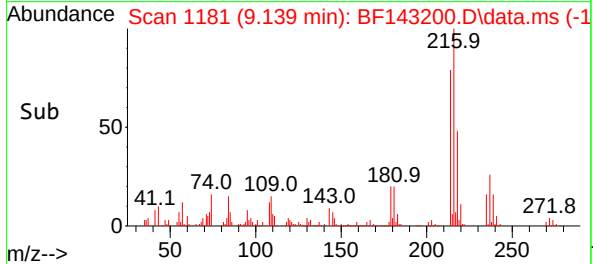
108 19.6 15.6 23.4

Manual Integrations

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Reviewed By :Rahul Chavli 07/23/2025

Supervised By :Jagrut Upadhyay 07/23/2025



#41

Hexachlorocyclopentadiene

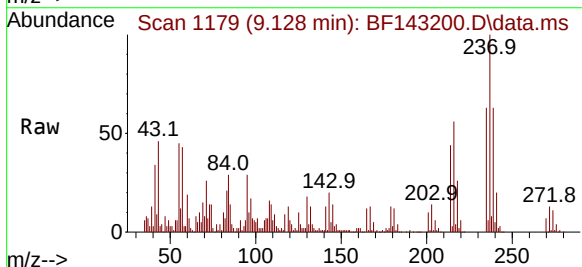
Concen: 48.098 ng

RT: 9.128 min Scan# 1179

Delta R.T. 0.012 min

Lab File: BF143200.D

Acq: 22 Jul 2025 20:49



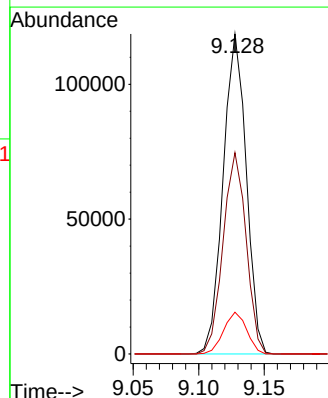
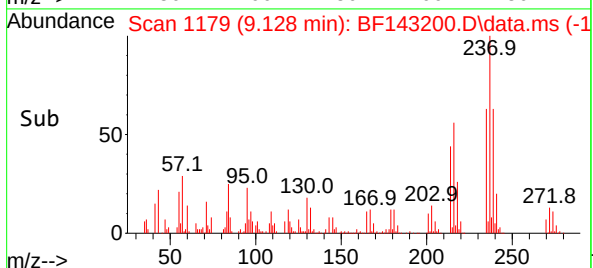
Tgt Ion:237 Resp: 145110

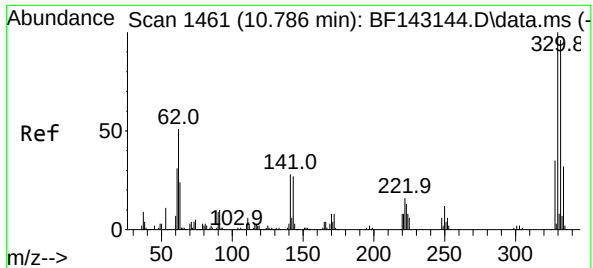
Ion Ratio Lower Upper

237 100

235 62.9 43.0 83.0

272 13.0 0.0 33.3





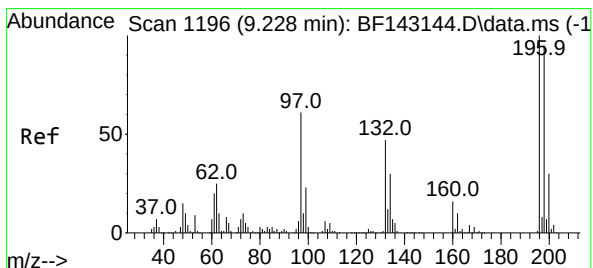
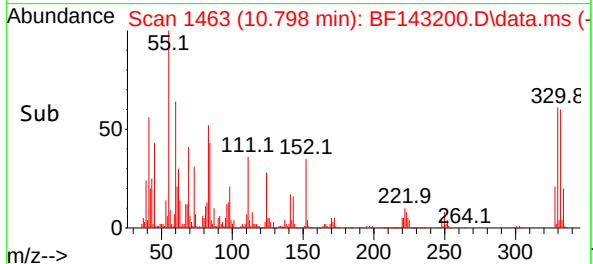
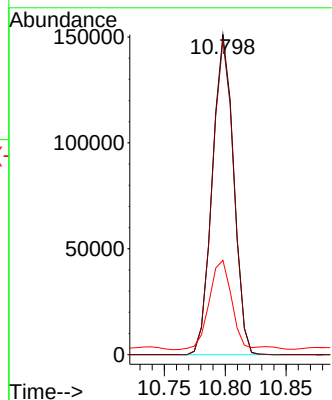
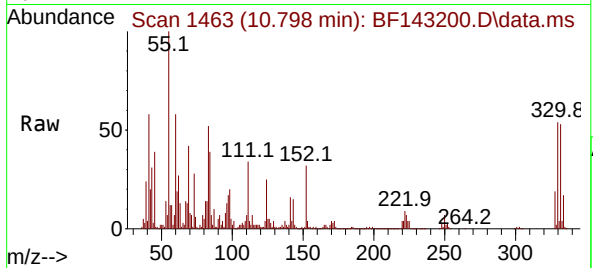
#42
2,4,6-Tribromophenol
Concen: 110.887 ng
RT: 10.798 min Scan# 1463
Delta R.T. 0.012 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Instrument :
BNA_F
ClientSampleId :
FRAC TANKMSD

Tgt Ion:330 Resp: 18397
Ion Ratio Lower Upper
330 100
332 98.4 76.7 115.1
141 29.6 23.3 34.9

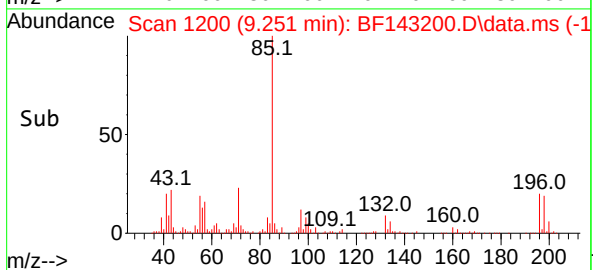
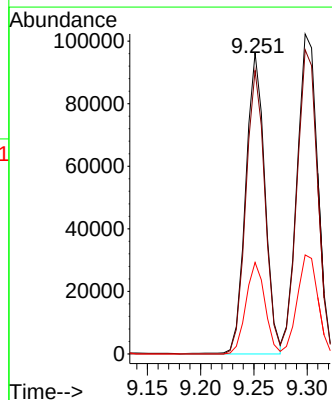
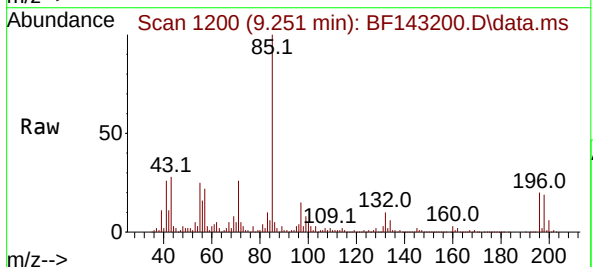
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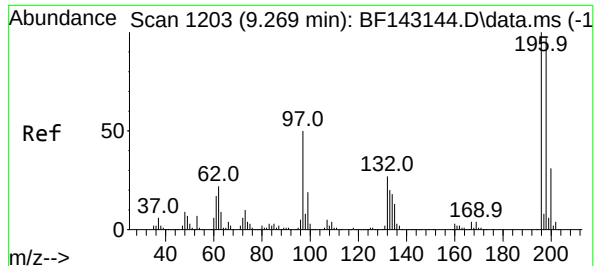
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#43
2,4,6-Trichlorophenol
Concen: 37.622 ng
RT: 9.251 min Scan# 1200
Delta R.T. 0.024 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion:196 Resp: 120729
Ion Ratio Lower Upper
196 100
198 94.2 76.2 114.2
200 30.4 23.9 35.9





#44

2,4,5-Trichlorophenol

Concen: 42.425 ng

RT: 9.298 min Scan# 1208

Delta R.T. 0.029 min

Lab File: BF143200.D

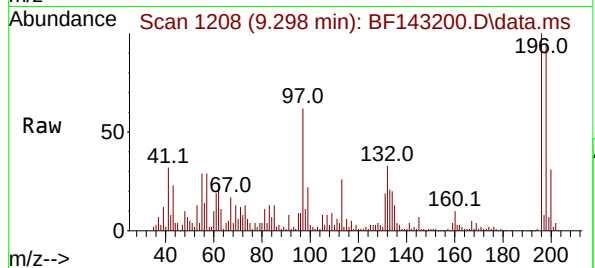
Acq: 22 Jul 2025 20:49

Instrument :

BNA_F

ClientSampleId :

FRAC TANKMSD



Tgt Ion:196 Resp: 13618

Ion Ratio Lower Upper

196 100

198 95.1 77.3 115.9

97 62.0 40.3 60.5

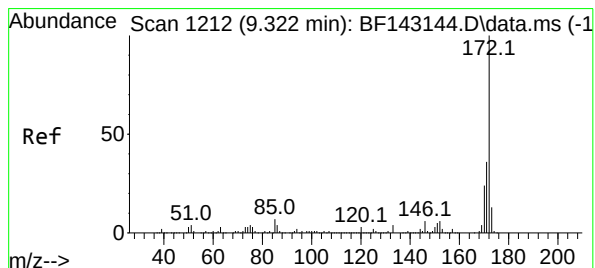
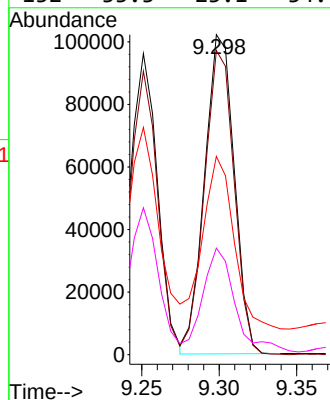
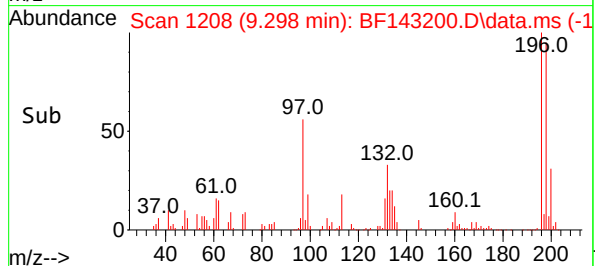
132 33.3 23.1 34.7

Manual Integrations

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Reviewed By :Rahul Chavli 07/23/2025

Supervised By :Jagrut Upadhyay 07/23/2025



#45

2-Fluorobiphenyl

Concen: 75.656 ng

RT: 9.328 min Scan# 1213

Delta R.T. 0.006 min

Lab File: BF143200.D

Acq: 22 Jul 2025 20:49

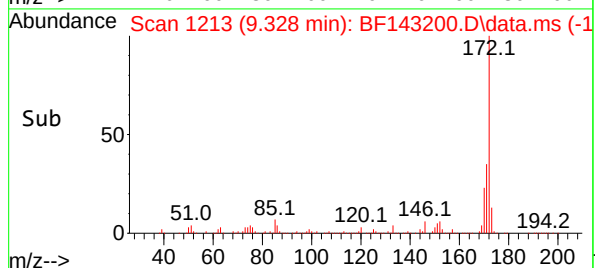
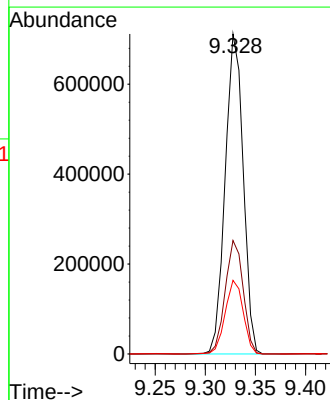
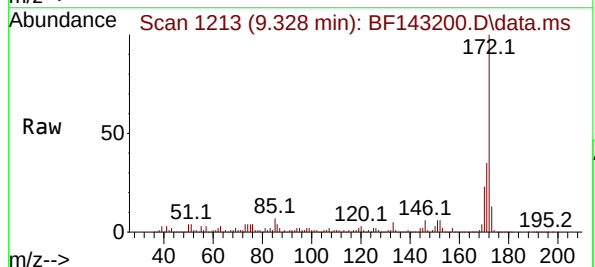
Tgt Ion:172 Resp: 888433

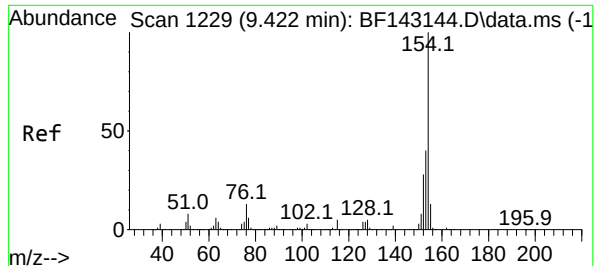
Ion Ratio Lower Upper

172 100

171 35.4 28.6 42.8

170 23.0 18.8 28.2





#46

1,1'-Biphenyl

Concen: 42.684 ng

RT: 9.433 min Scan# 1231

Delta R.T. 0.012 min

Lab File: BF143200.D

Acq: 22 Jul 2025 20:49

Instrument :

BNA_F

ClientSampleId :

FRAC TANKMSD

Tgt Ion:154 Resp: 53483

Ion Ratio Lower Upper

154 100

153 39.7 20.3 60.3

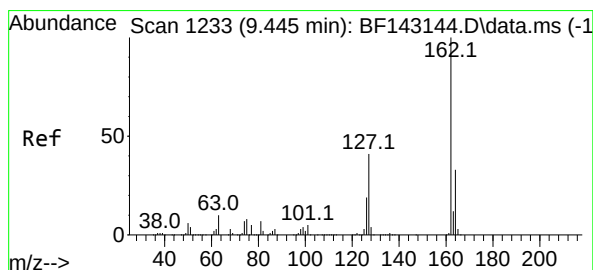
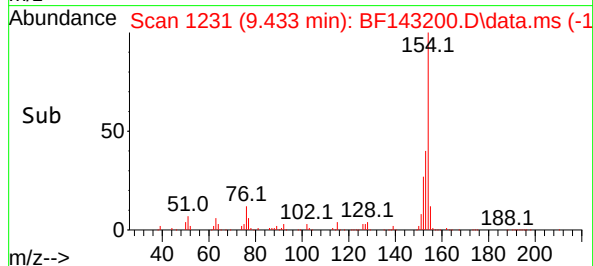
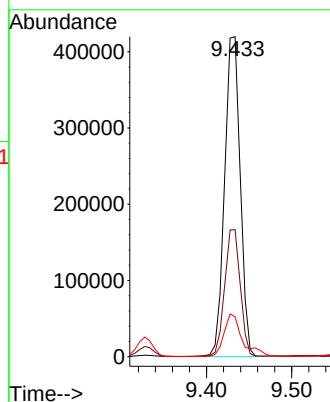
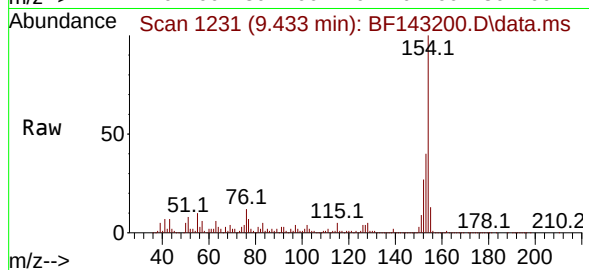
76 12.4 0.0 33.3

Manual Integrations

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Reviewed By :Rahul Chavli 07/23/2025

Supervised By :Jagrut Upadhyay 07/23/2025



#47

2-Chloronaphthalene

Concen: 40.985 ng

RT: 9.457 min Scan# 1235

Delta R.T. 0.012 min

Lab File: BF143200.D

Acq: 22 Jul 2025 20:49

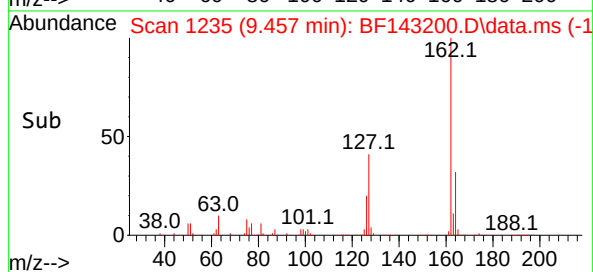
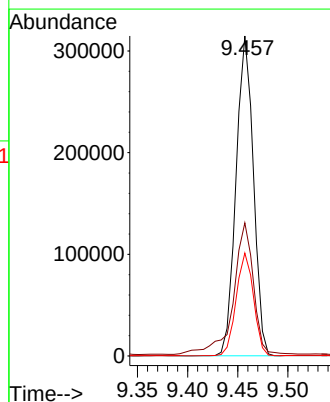
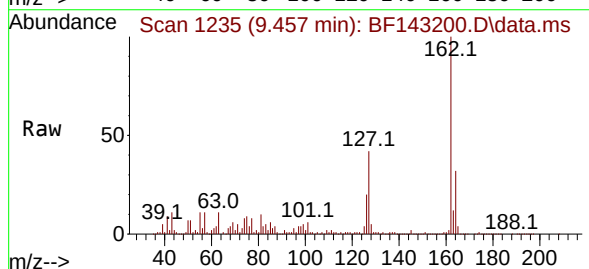
Tgt Ion:162 Resp: 379988

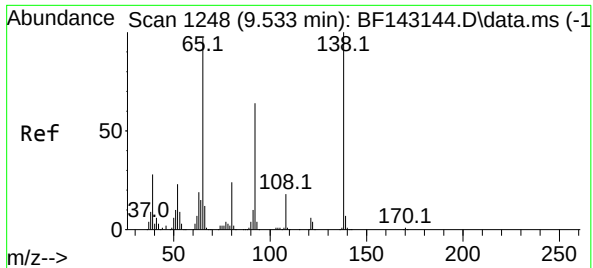
Ion Ratio Lower Upper

162 100

127 41.6 33.4 50.2

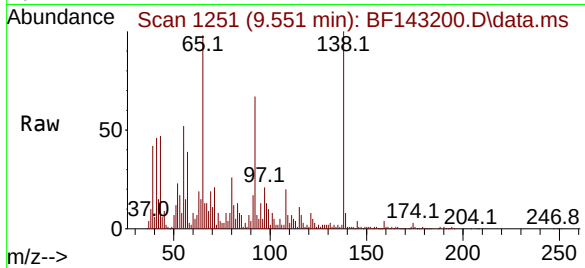
164 32.1 26.2 39.2





#48
2-Nitroaniline
Concen: 45.484 ng
RT: 9.551 min Scan# 11
Delta R.T. 0.018 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

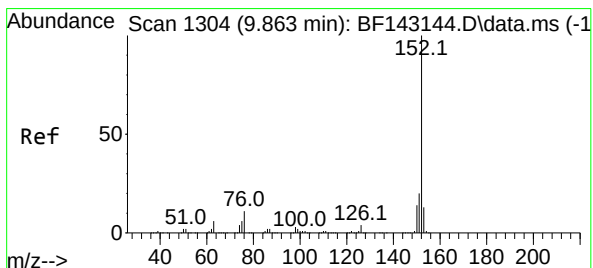
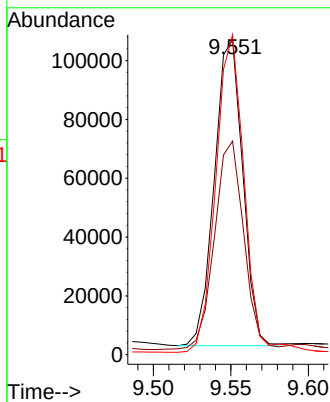
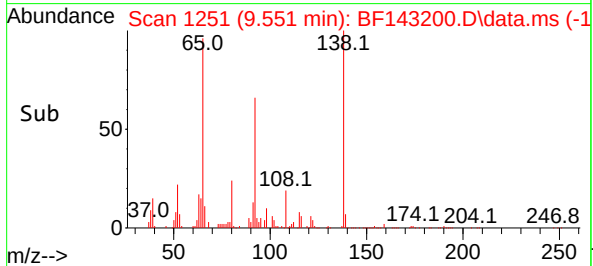
Instrument :
BNA_F
ClientSampleId :
FRAC TANKMSD



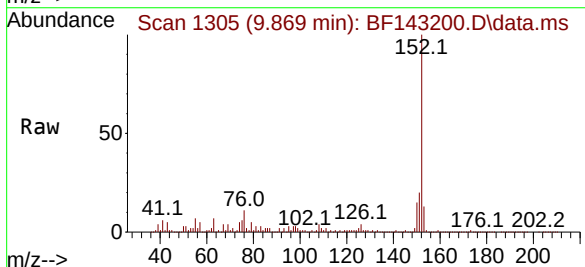
Tgt Ion: 65 Resp: 13224
Ion Ratio Lower Upper
65 100
92 67.8 52.4 78.6
138 101.6 82.3 123.5

Manual Integrations
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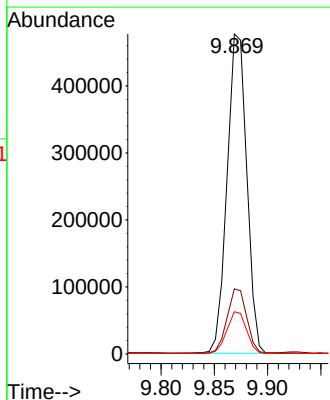
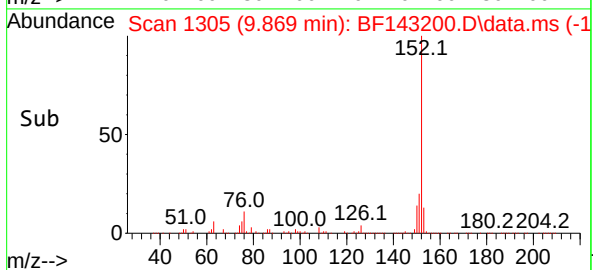
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

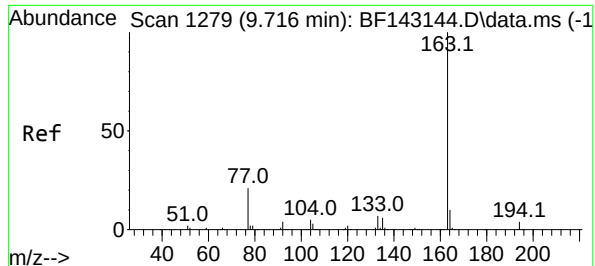


#49
Acenaphthylene
Concen: 39.484 ng
RT: 9.869 min Scan# 1305
Delta R.T. 0.006 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49



Tgt Ion:152 Resp: 613481
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2
153 13.2 10.6 16.0





#50

Dimethylphthalate

Concen: 41.511 ng

RT: 9.728 min Scan# 1281

Delta R.T. 0.012 min

Lab File: BF143200.D

Acq: 22 Jul 2025 20:49

Instrument :

BNA_F

ClientSampleId :

FRAC TANKMSD

Tgt Ion:163 Resp: 434559

Ion Ratio Lower Upper

163 100

194 4.7 3.4 5.2

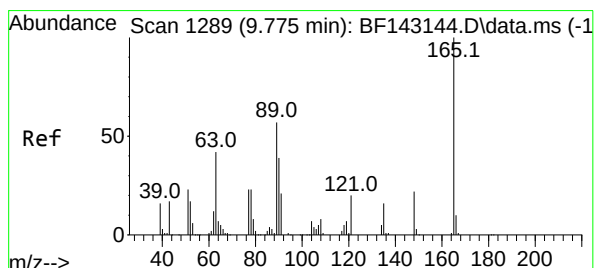
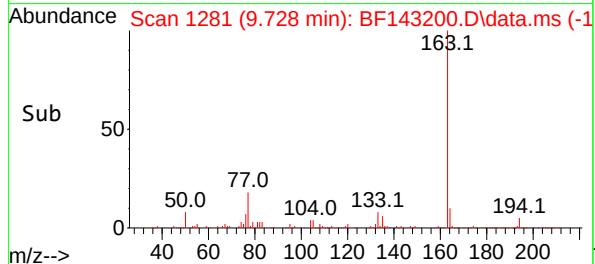
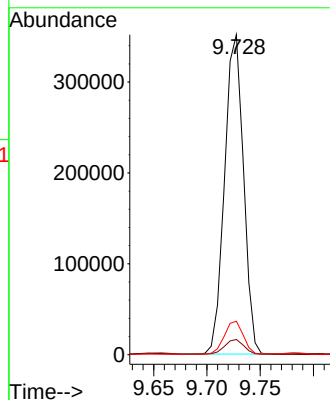
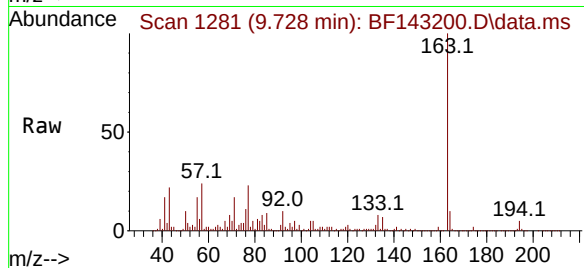
164 10.5 8.3 12.5

Manual Integrations

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Reviewed By :Rahul Chavli 07/23/2025

Supervised By :Jagrut Upadhyay 07/23/2025



#51

2,6-Dinitrotoluene

Concen: 44.919 ng

RT: 9.780 min Scan# 1290

Delta R.T. 0.006 min

Lab File: BF143200.D

Acq: 22 Jul 2025 20:49

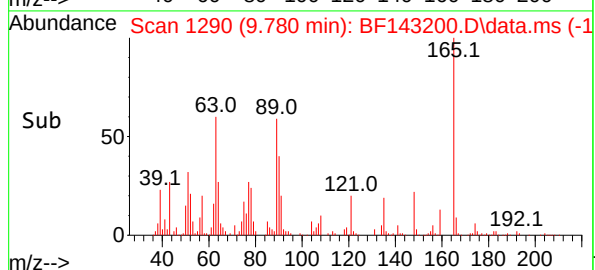
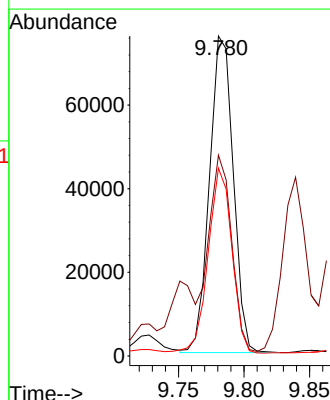
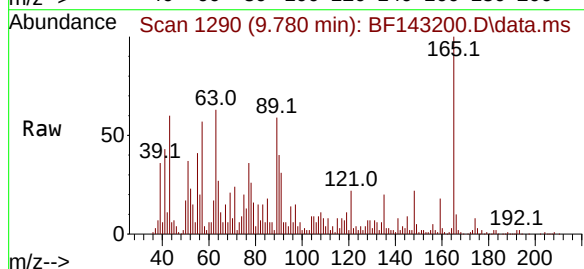
Tgt Ion:165 Resp: 95659

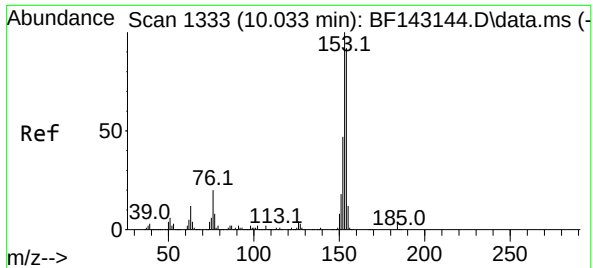
Ion Ratio Lower Upper

165 100

63 62.8 49.4 74.2

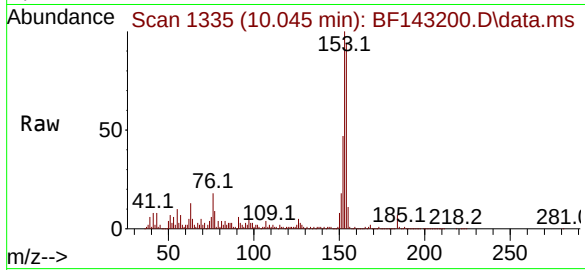
89 58.7 46.2 69.2





#52
Acenaphthene
Concen: 41.804 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.012 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

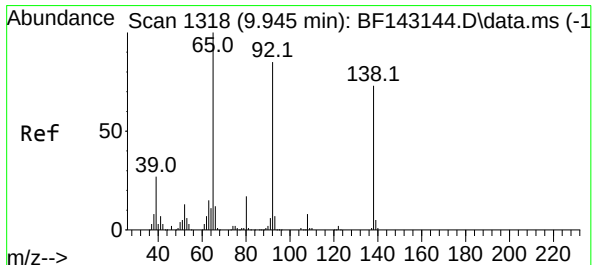
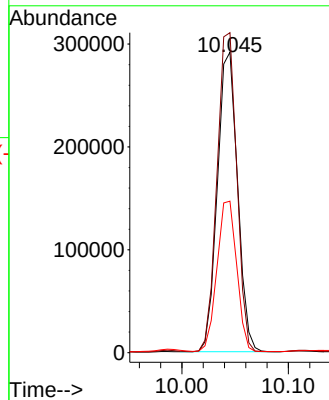
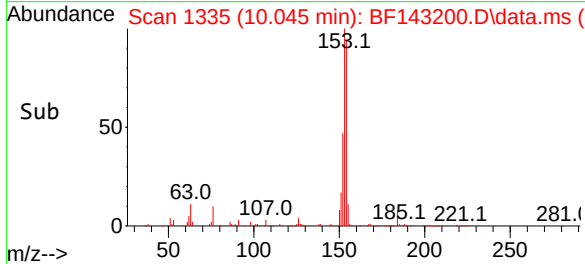
Instrument :
BNA_F
ClientSampleId :
FRAC TANKMSD



Tgt Ion:154 Resp: 383890
Ion Ratio Lower Upper
154 100
153 106.5 86.6 129.8
152 50.4 40.4 60.6

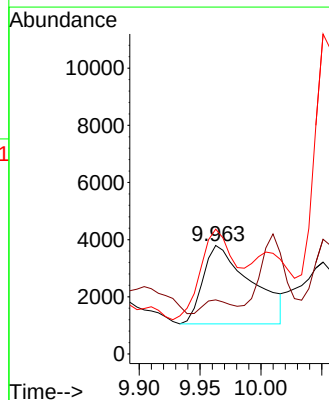
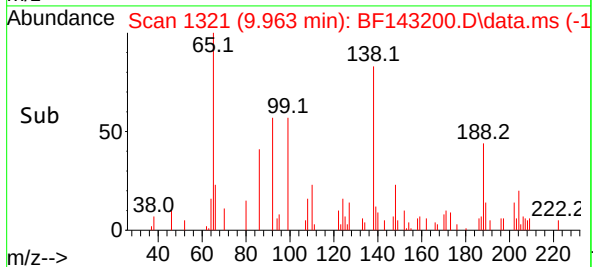
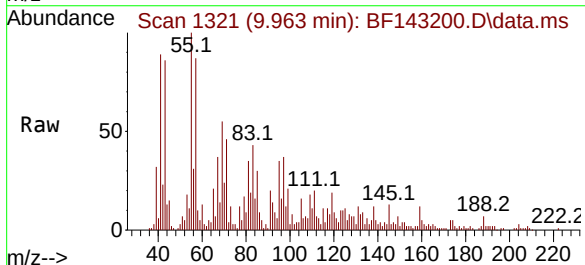
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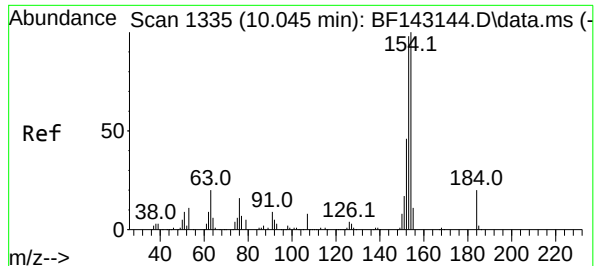
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#53
3-Nitroaniline
Concen: 3.045 ng
RT: 9.963 min Scan# 1321
Delta R.T. 0.018 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

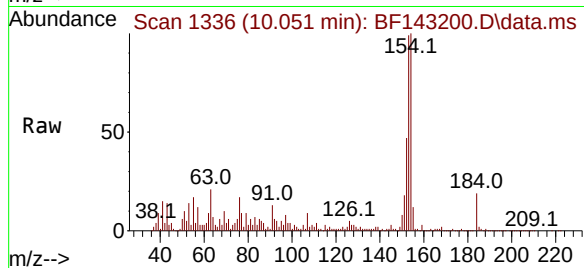
Tgt Ion:138 Resp: 7585
Ion Ratio Lower Upper
138 100
108 49.9 9.0 13.6#
92 115.0 93.0 139.4





#54
2,4-Dinitrophenol
Concen: 49.636 ng
RT: 10.051 min Scan# 1335
Delta R.T. 0.006 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

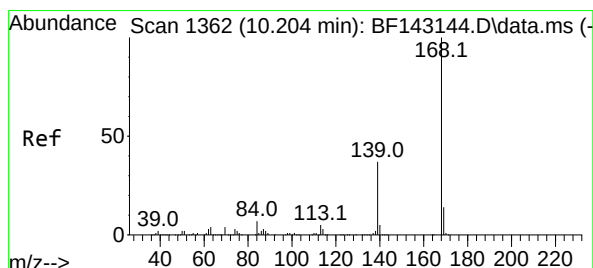
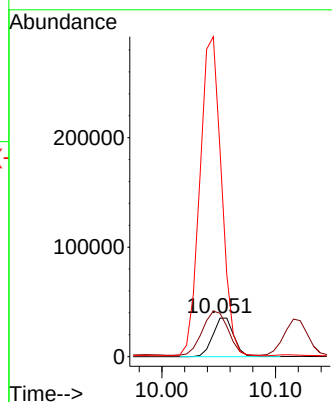
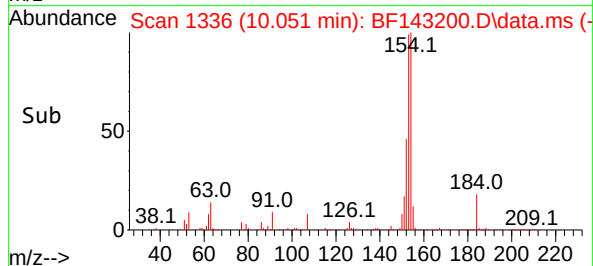
Instrument :
BNA_F
ClientSampleId :
FRAC TANKMSD



Tgt Ion:184 Resp: 45249
Ion Ratio Lower Upper
184 100
63 112.4 81.8 122.6
154 534.1 412.2 618.4

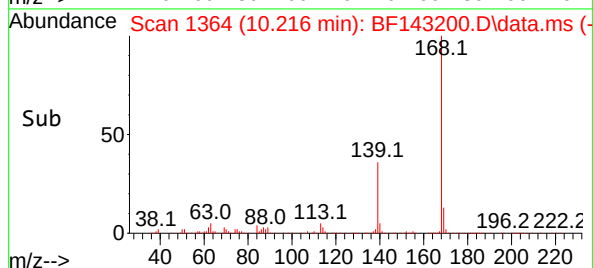
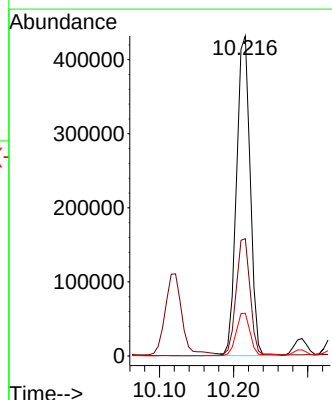
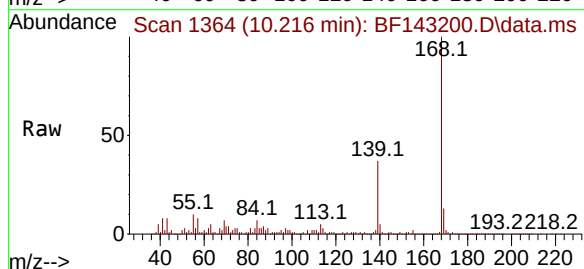
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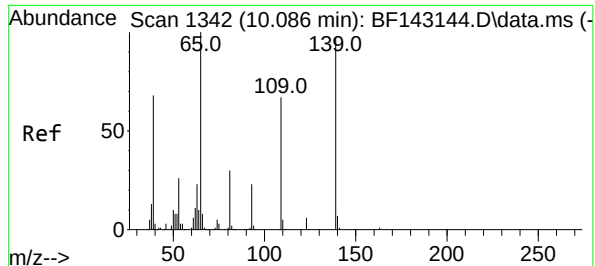
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#55
Dibenzofuran
Concen: 40.423 ng
RT: 10.216 min Scan# 1364
Delta R.T. 0.012 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

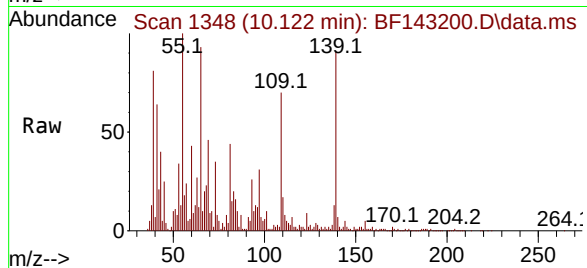
Tgt Ion:168 Resp: 551145
Ion Ratio Lower Upper
168 100
139 36.7 29.5 44.3
169 13.4 10.9 16.3





#56
4-Nitrophenol
Concen: 91.363 ng
RT: 10.122 min Scan# 1348
Delta R.T. 0.035 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

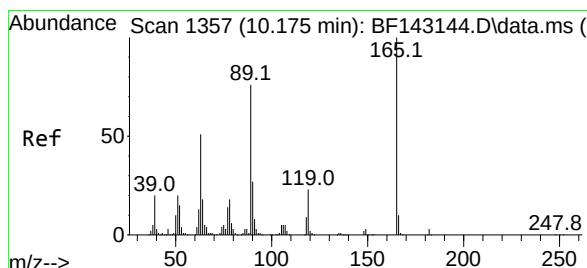
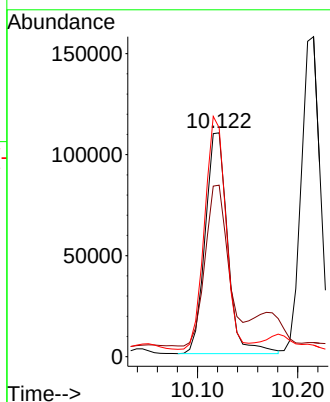
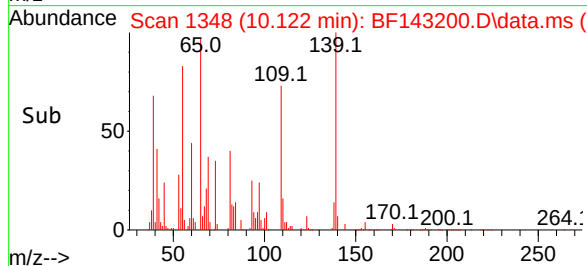
Instrument :
BNA_F
ClientSampleId :
FRAC TANKMSD



Tgt Ion:139 Resp: 169940
Ion Ratio Lower Upper
139 100
109 76.6 48.5 88.5
65 102.3 83.4 123.4

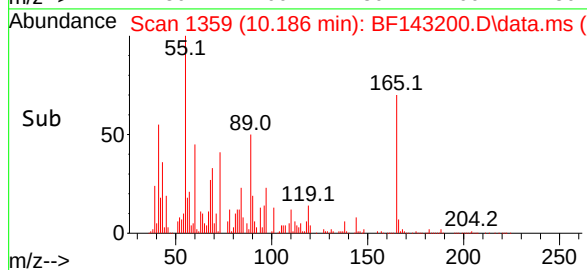
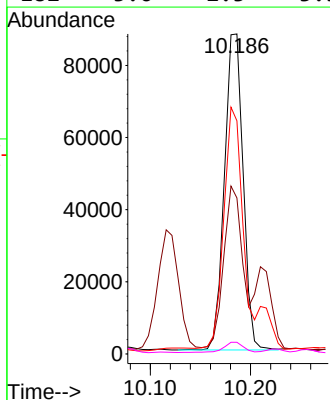
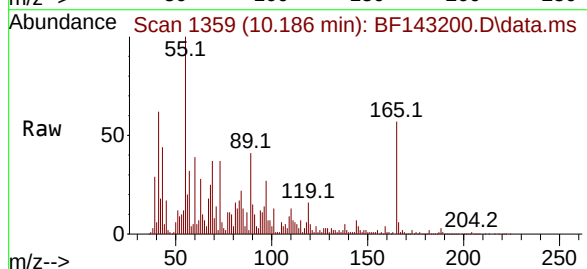
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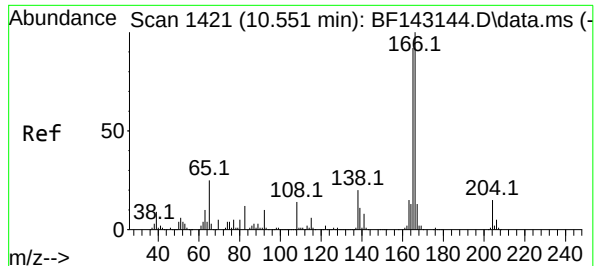
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#57
2,4-Dinitrotoluene
Concen: 42.418 ng
RT: 10.186 min Scan# 1359
Delta R.T. 0.012 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion:165 Resp: 113332
Ion Ratio Lower Upper
165 100
63 48.8 41.0 61.4
89 72.8 61.1 91.7
182 3.6 2.3 3.5#





#58

Fluorene

Concen: 42.417 ng

RT: 10.557 min Scan# 1421

Delta R.T. 0.006 min

Lab File: BF143200.D

Acq: 22 Jul 2025 20:49

Instrument :

BNA_F

ClientSampleId :

FRAC TANKMSD

Tgt Ion:166 Resp: 43404

Ion Ratio Lower Upper

166 100

165 91.6 73.7 110.5

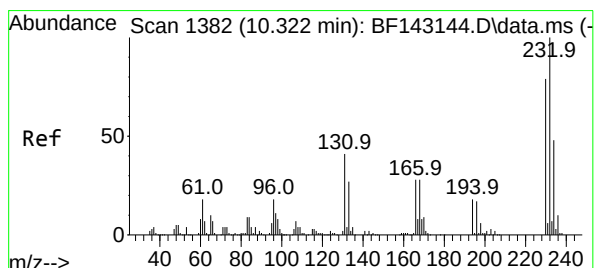
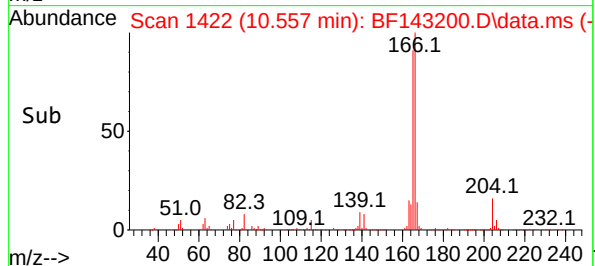
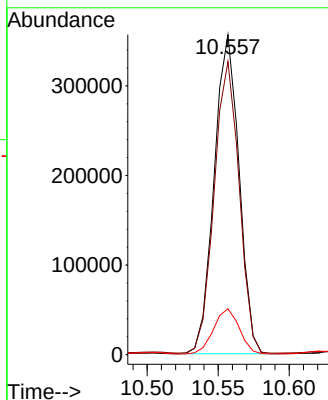
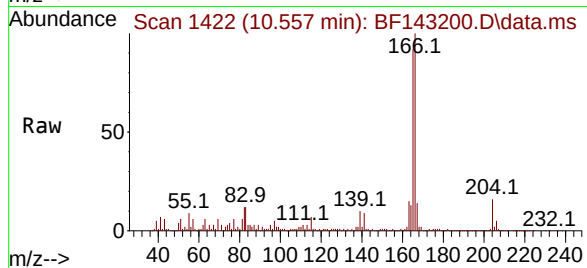
167 14.4 10.6 16.0

Manual Integrations

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Reviewed By :Rahul Chavli 07/23/2025

Supervised By :Jagrut Upadhyay 07/23/2025



#59

2,3,4,6-Tetrachlorophenol

Concen: 42.767 ng m

RT: 10.333 min Scan# 1384

Delta R.T. 0.012 min

Lab File: BF143200.D

Acq: 22 Jul 2025 20:49

Tgt Ion:232 Resp: 113718

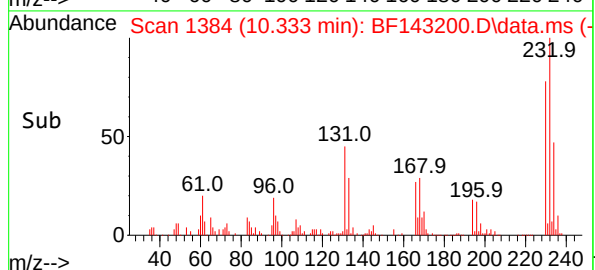
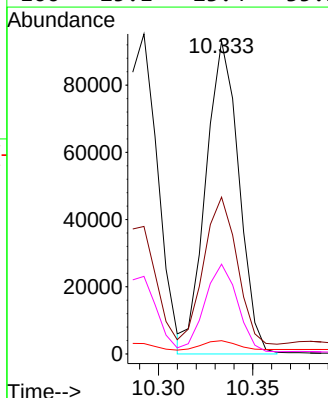
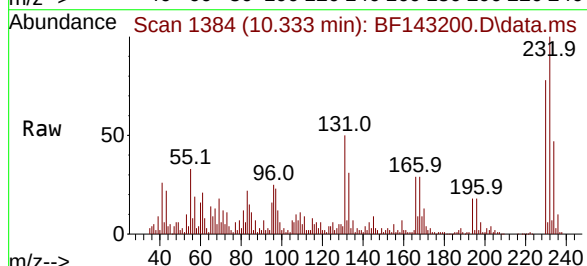
Ion Ratio Lower Upper

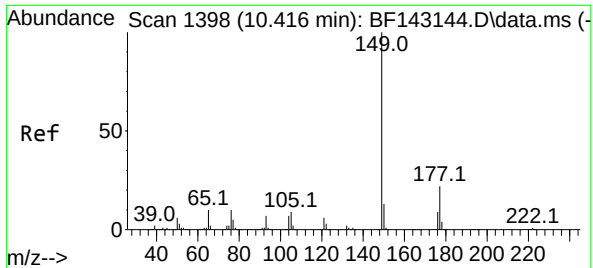
232 100

131 40.7 35.3 52.9

130 2.4 1.7 2.5

166 25.1 23.4 35.2





#60

Diethylphthalate

Concen: 48.774 ng

RT: 10.422 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF143200.D

Acq: 22 Jul 2025 20:49

Instrument :

BNA_F

ClientSampleId :

FRAC TANKMSD

Tgt Ion:149 Resp: 504664

Ion Ratio Lower Upper

149 100

177 22.2 17.5 26.3

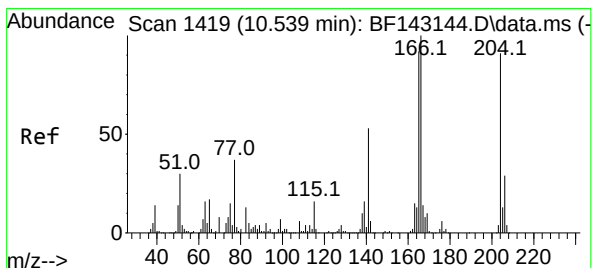
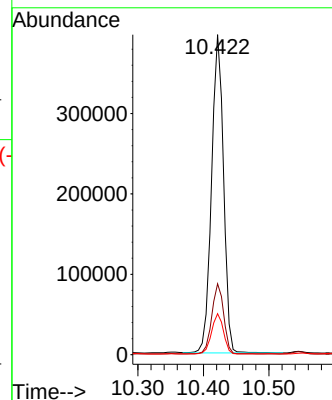
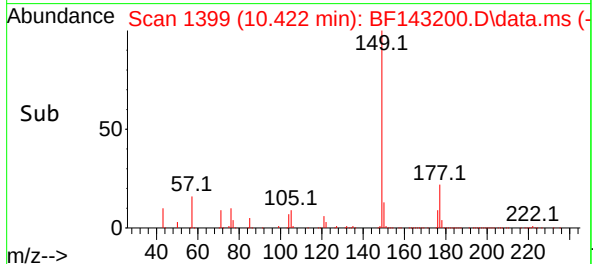
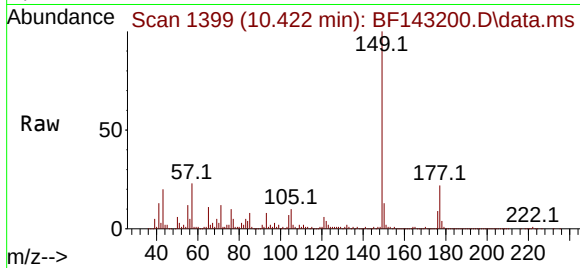
150 12.8 10.2 15.2

Manual Integrations

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Reviewed By :Rahul Chavli 07/23/2025

Supervised By :Jagrut Upadhyay 07/23/2025



#61

4-Chlorophenyl-phenylether

Concen: 40.869 ng

RT: 10.545 min Scan# 1420

Delta R.T. 0.006 min

Lab File: BF143200.D

Acq: 22 Jul 2025 20:49

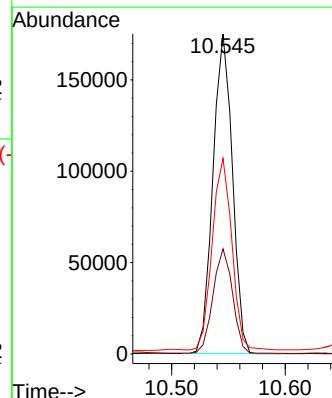
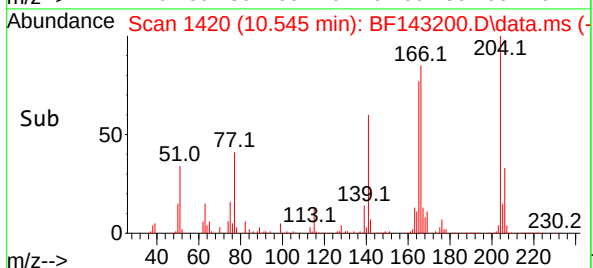
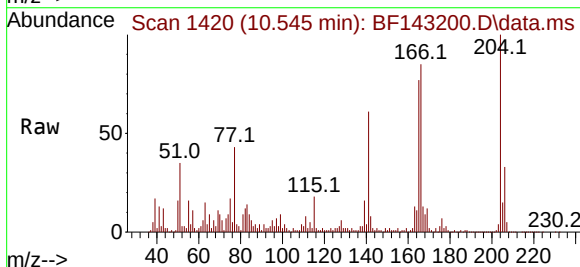
Tgt Ion:204 Resp: 208242

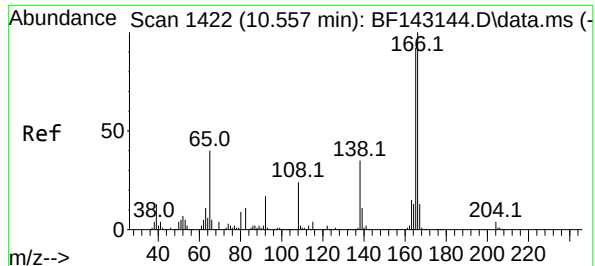
Ion Ratio Lower Upper

204 100

206 32.8 25.8 38.8

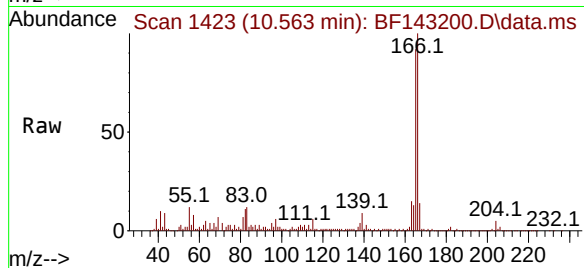
141 61.1 47.0 70.4





#62
4-Nitroaniline
Concen: 12.416 ng
RT: 10.563 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

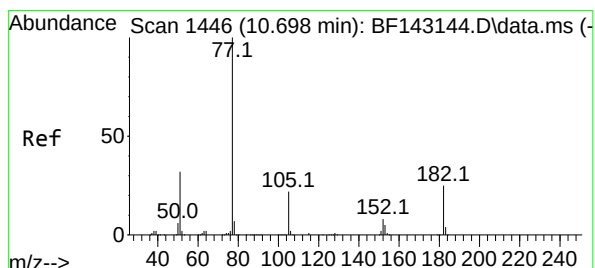
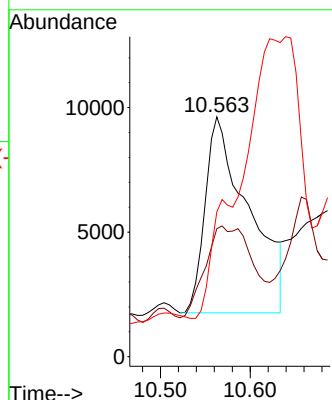
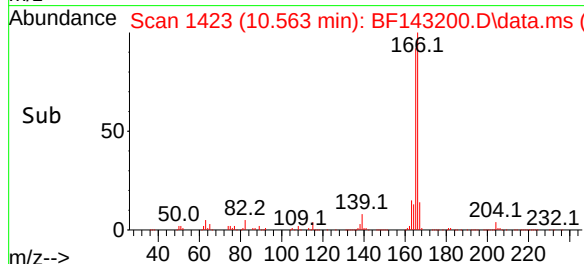
Instrument :
BNA_F
ClientSampleId :
FRAC TANKMSD



Tgt Ion:138 Resp: 2650
Ion Ratio Lower Upper
138 100
92 53.3 29.3 69.3
108 60.4 48.3 88.3

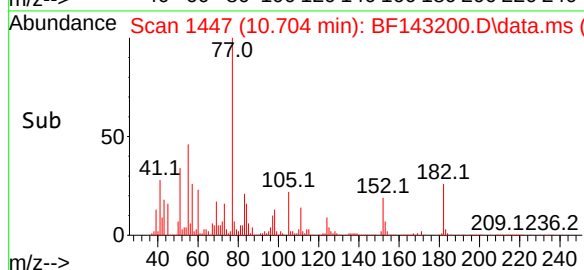
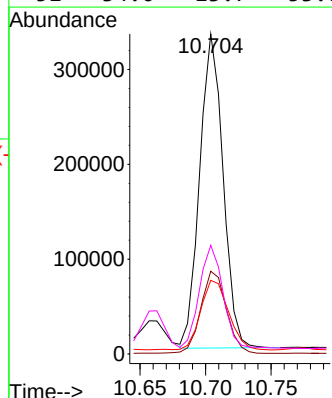
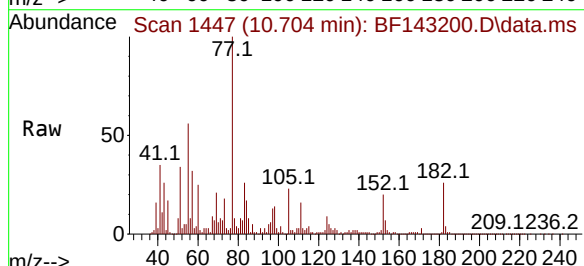
Manual Integrations
APPROVED

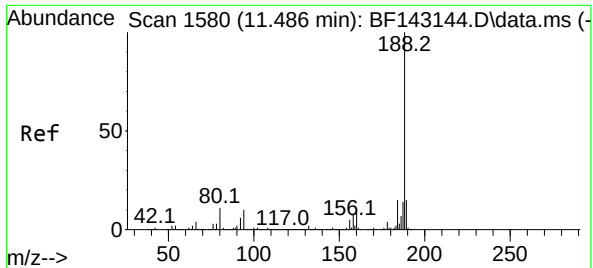
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#63
Azobenzene
Concen: 38.152 ng
RT: 10.704 min Scan# 1447
Delta R.T. 0.006 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

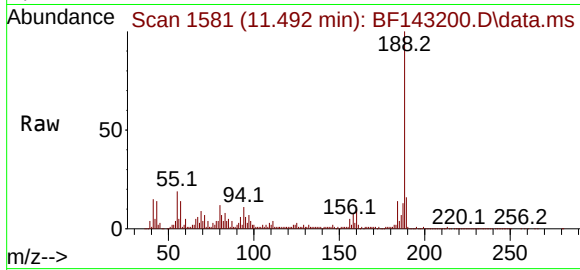
Tgt Ion: 77 Resp: 411429
Ion Ratio Lower Upper
77 100
182 25.8 4.6 44.6
105 23.0 1.4 41.4
51 34.0 13.7 53.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1581
Delta R.T. 0.006 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

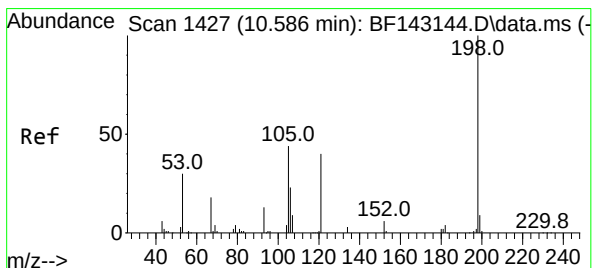
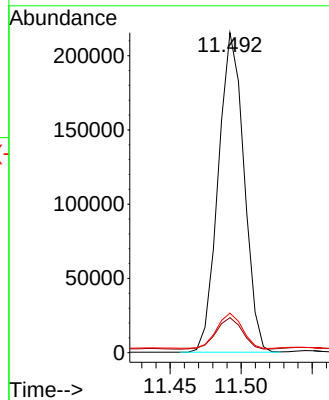
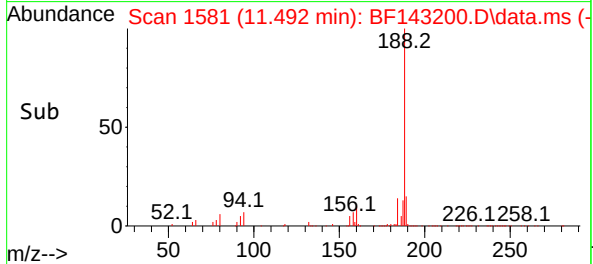
Instrument :
BNA_F
ClientSampleId :
FRAC TANKMSD



Tgt Ion:188 Resp: 270710
Ion Ratio Lower Upper
188 100
94 10.9 8.3 12.5
80 12.3 9.0 13.6

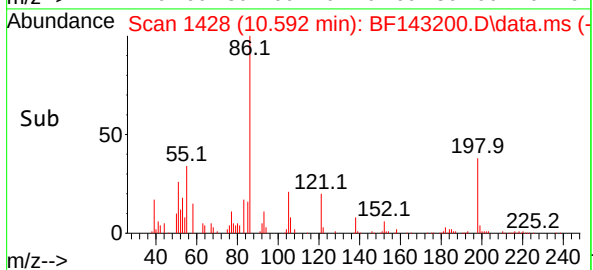
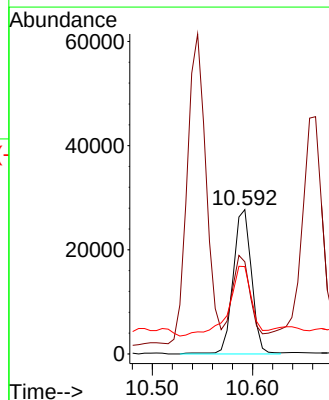
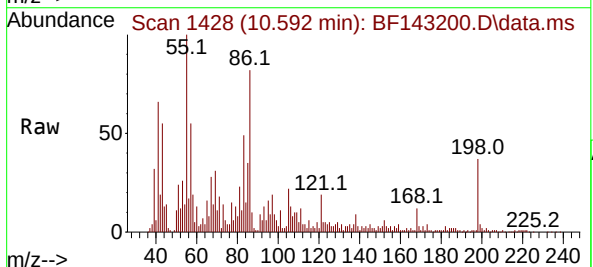
Manual Integrations
APPROVED

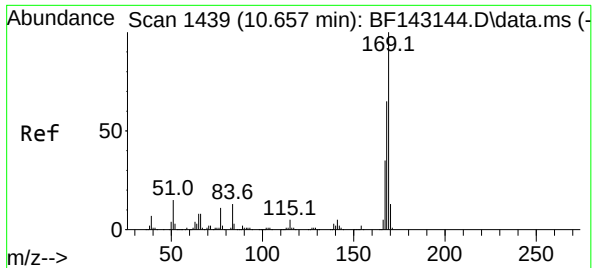
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#65
4,6-Dinitro-2-methylphenol
Concen: 27.426 ng
RT: 10.592 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

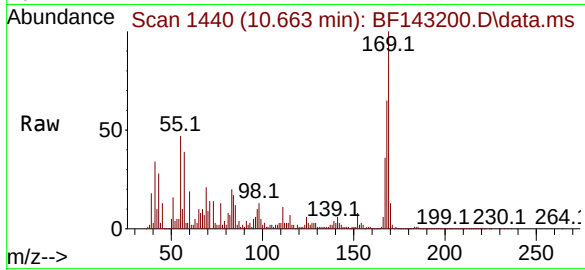
Tgt Ion:198 Resp: 35210
Ion Ratio Lower Upper
198 100
51 63.8 37.2 77.2
105 60.5 24.8 64.8





#66
n-Nitrosodiphenylamine
Concen: 35.882 ng
RT: 10.663 min Scan# 1439
Delta R.T. 0.006 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

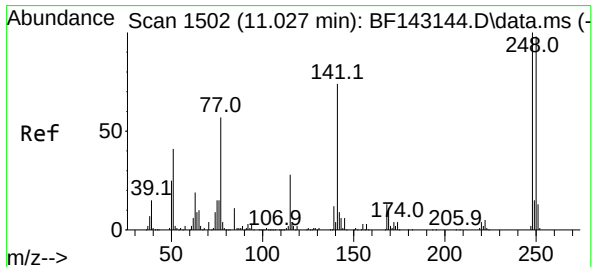
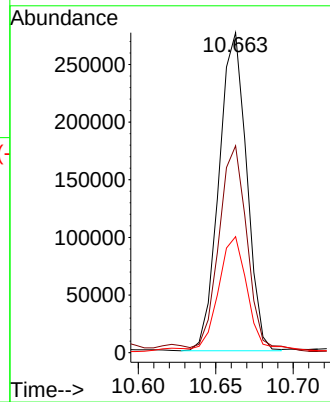
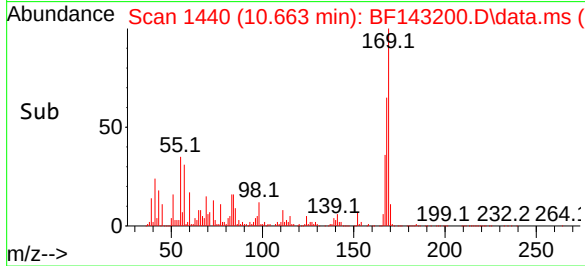
Instrument :
BNA_F
ClientSampleId :
FRAC TANKMSD



Tgt Ion:169 Resp: 34204
Ion Ratio Lower Upper
169 100
168 64.6 52.1 78.1
167 36.3 28.2 42.2

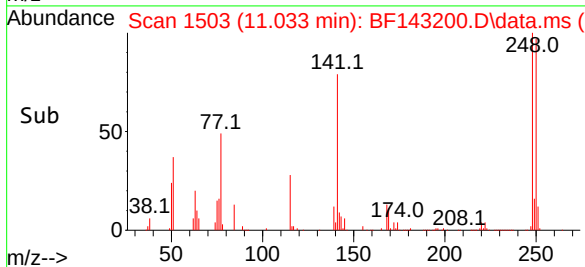
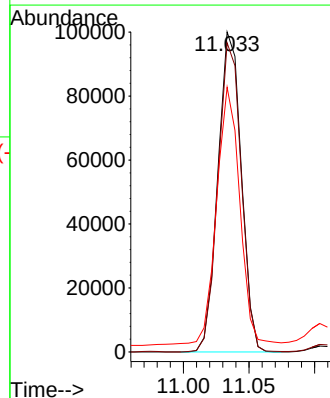
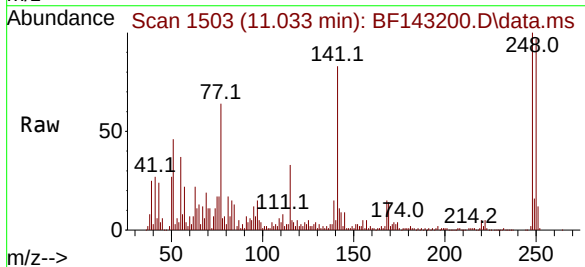
Manual Integrations
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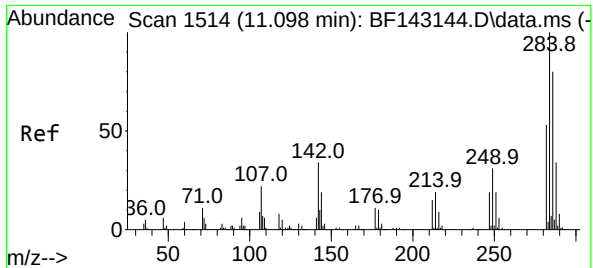
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#67
4-Bromophenyl-phenylether
Concen: 38.423 ng
RT: 11.033 min Scan# 1503
Delta R.T. 0.006 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

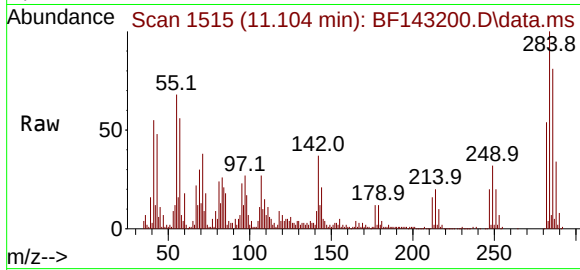
Tgt Ion:248 Resp: 123959
Ion Ratio Lower Upper
248 100
250 96.6 78.3 117.5
141 82.7 59.2 88.8





#68
Hexachlorobenzene
Concen: 38.298 ng
RT: 11.104 min Scan# 1514
Delta R.T. 0.006 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

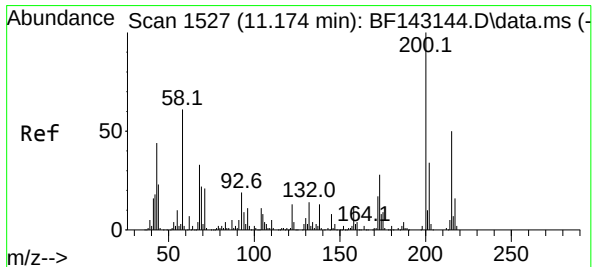
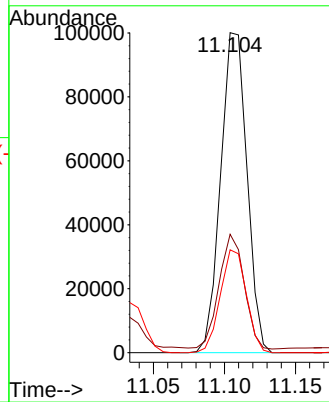
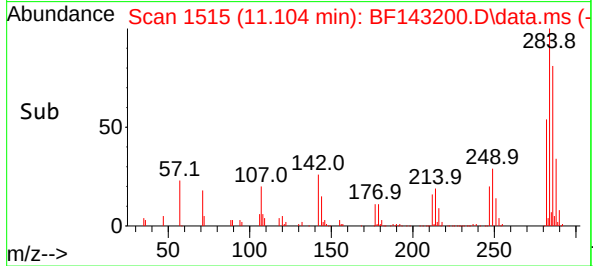
Instrument :
BNA_F
ClientSampleId :
FRAC TANKMSD



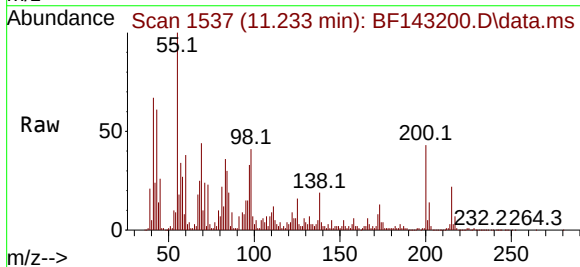
Tgt Ion:284 Resp: 12914
Ion Ratio Lower Upper
284 100
142 37.0 27.0 40.6
249 32.2 25.0 37.6

Manual Integrations
APPROVED

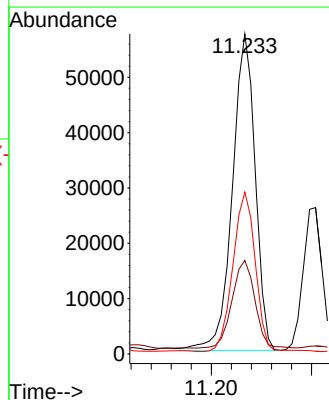
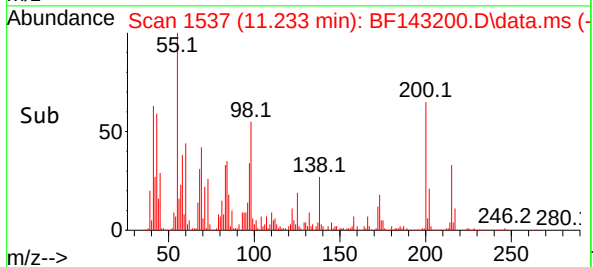
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

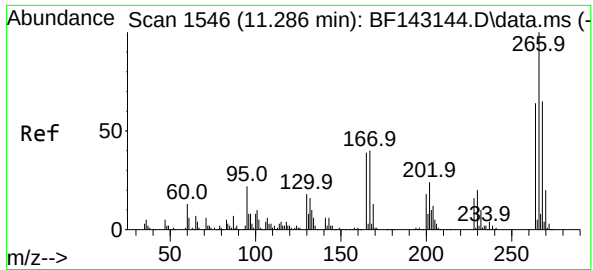


#69
Atrazine
Concen: 34.333 ng
RT: 11.233 min Scan# 1537
Delta R.T. 0.059 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49



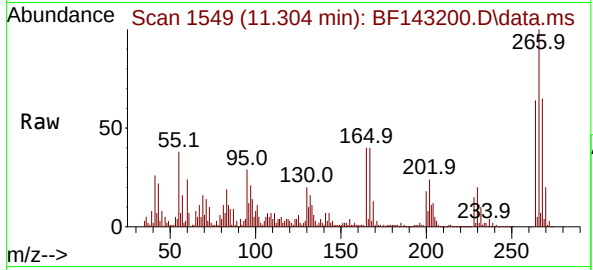
Tgt Ion:200 Resp: 90228
Ion Ratio Lower Upper
200 100
173 29.2 7.9 47.9
215 50.6 30.1 70.1





#70
Pentachlorophenol
Concen: 95.559 ng
RT: 11.304 min Scan# 1549
Delta R.T. 0.018 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

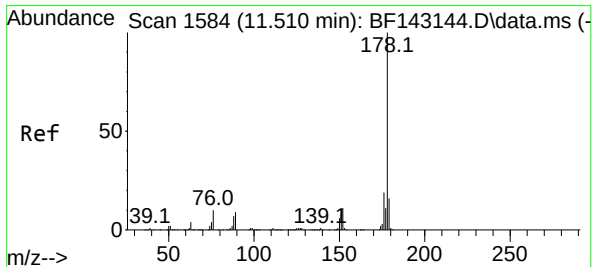
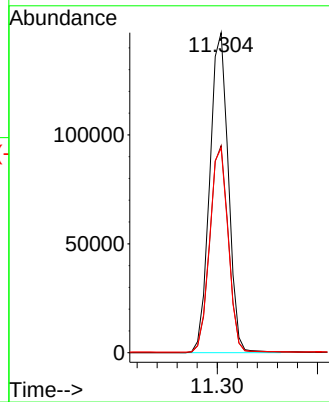
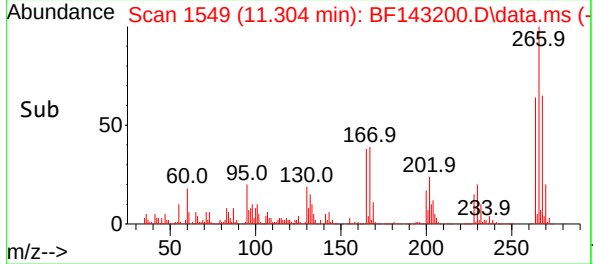
Instrument :
BNA_F
ClientSampleId :
FRAC TANKMSD



Tgt Ion:266 Resp: 189494
Ion Ratio Lower Upper
266 100
268 64.7 51.9 77.9
264 63.9 51.0 76.6

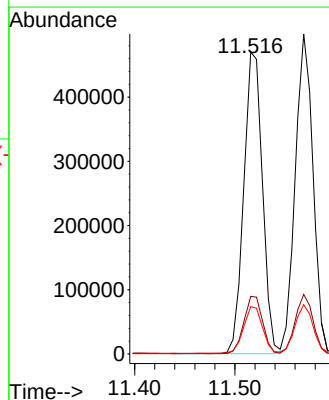
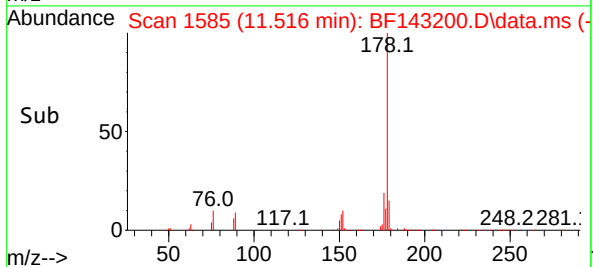
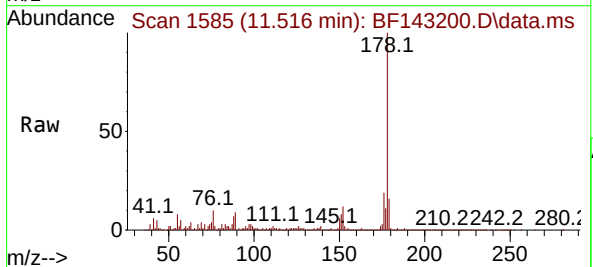
Manual Integrations
APPROVED

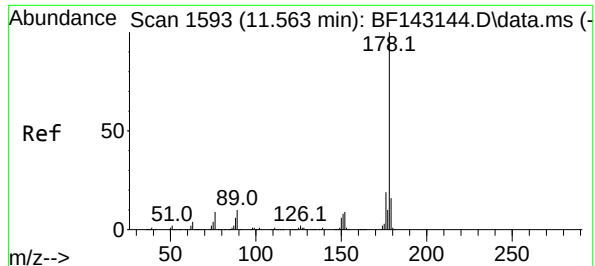
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#71
Phenanthrene
Concen: 42.391 ng
RT: 11.516 min Scan# 1585
Delta R.T. 0.006 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

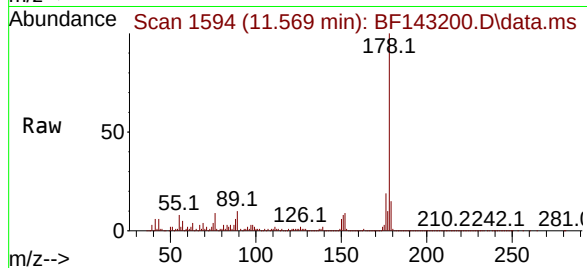
Tgt Ion:178 Resp: 609324
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.7 12.5 18.7





#72
 Anthracene
 Concen: 41.463 ng
 RT: 11.569 min Scan# 1594
 Delta R.T. 0.006 min
 Lab File: BF143200.D
 Acq: 22 Jul 2025 20:49

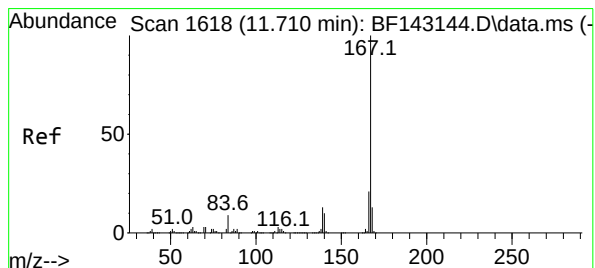
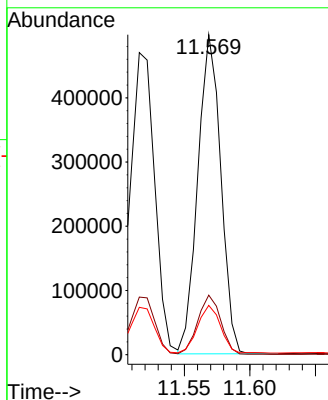
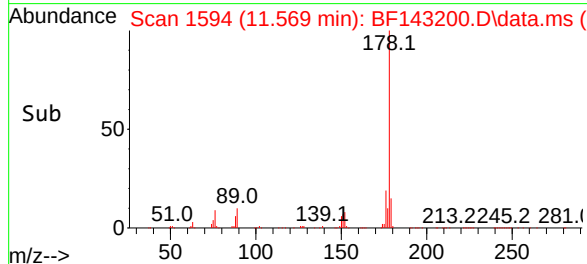
Instrument :
 BNA_F
 ClientSampleId :
 FRAC TANKMSD



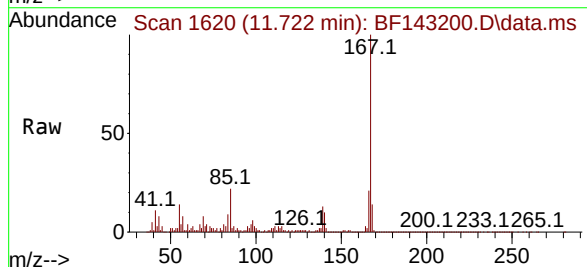
Tgt Ion:178 Resp: 60783
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.0 22.4
 179 15.4 12.5 18.7

Manual Integrations
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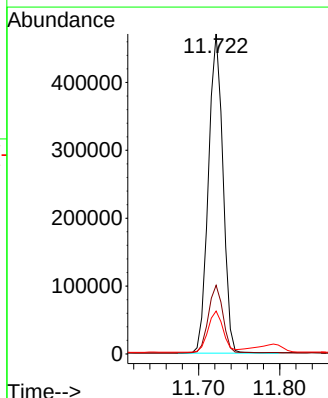
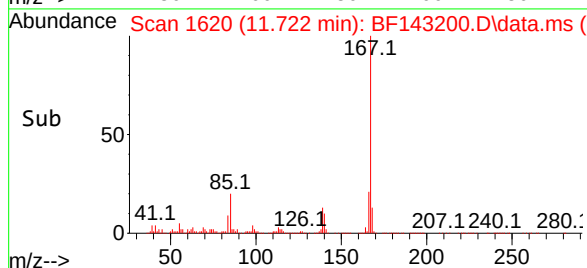
Reviewed By :Rahul Chavli 07/23/2025
 Supervised By :Jagrut Upadhyay 07/23/2025

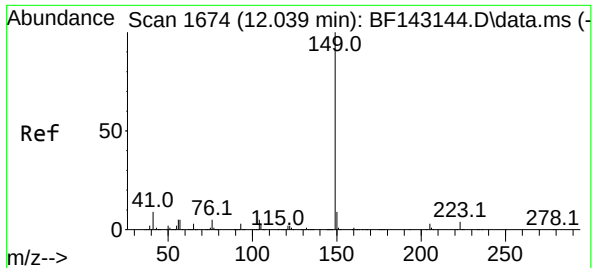


#73
 Carbazole
 Concen: 45.541 ng
 RT: 11.722 min Scan# 1620
 Delta R.T. 0.012 min
 Lab File: BF143200.D
 Acq: 22 Jul 2025 20:49



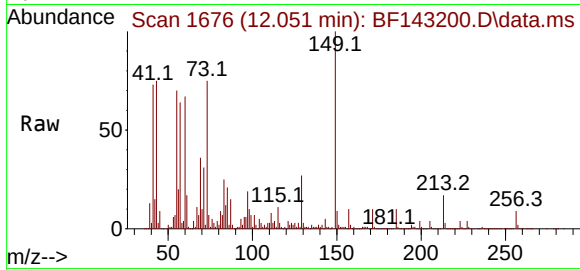
Tgt Ion:167 Resp: 582966
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.0 25.6
 139 13.4 10.0 15.0





#74
Di-n-butylphthalate
Concen: 39.918 ng
RT: 12.051 min Scan# 1676
Delta R.T. 0.012 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

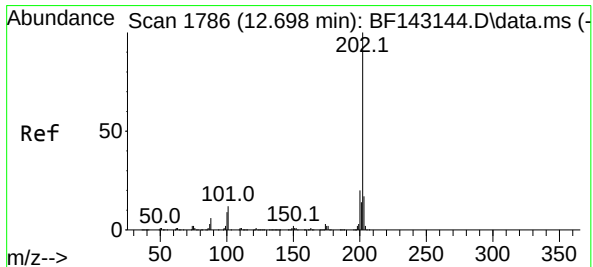
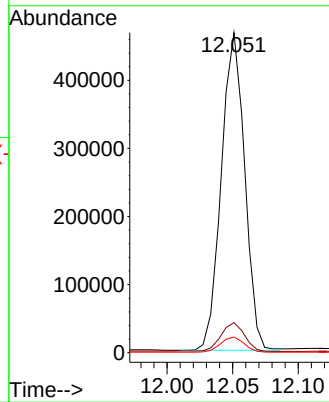
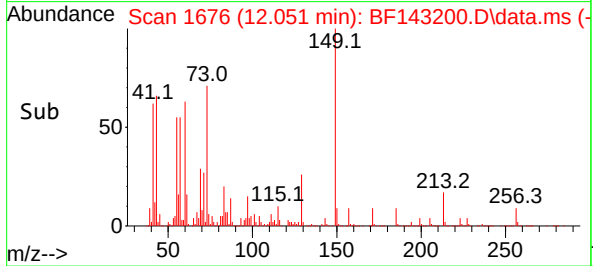
Instrument :
BNA_F
ClientSampleId :
FRAC TANKMSD



Tgt Ion:149 Resp: 578170
Ion Ratio Lower Upper
149 100
150 9.4 7.4 11.2
104 4.9 3.8 5.8

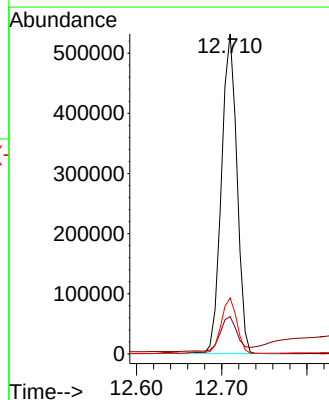
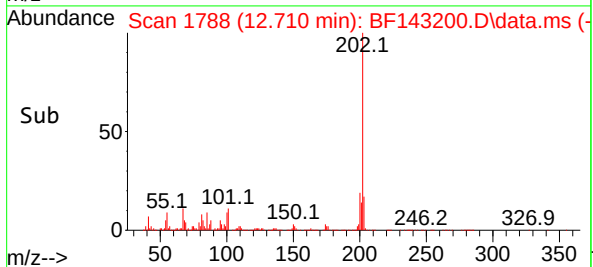
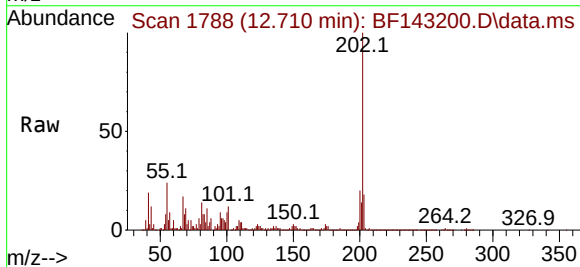
Manual Integrations
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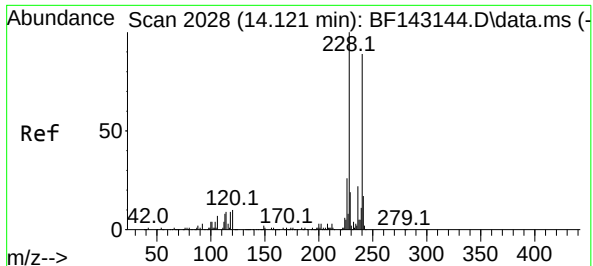
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#75
Fluoranthene
Concen: 50.942 ng
RT: 12.710 min Scan# 1788
Delta R.T. 0.012 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion:202 Resp: 672099
Ion Ratio Lower Upper
202 100
101 11.7 0.0 31.7
203 17.5 0.0 37.4





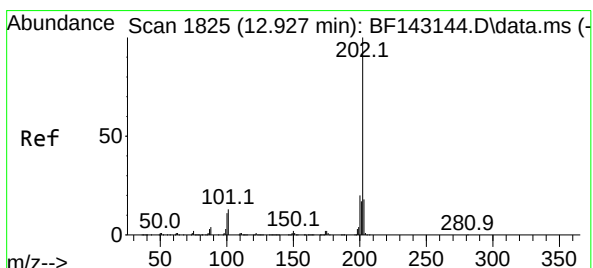
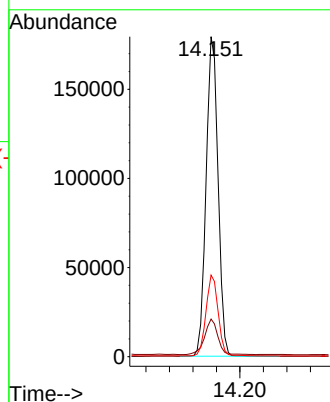
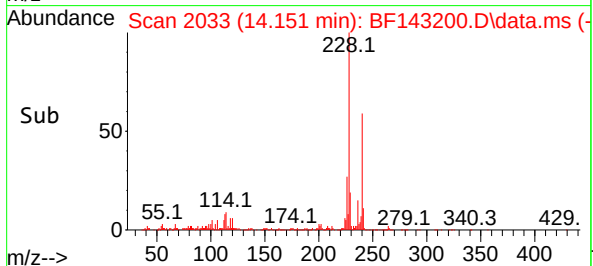
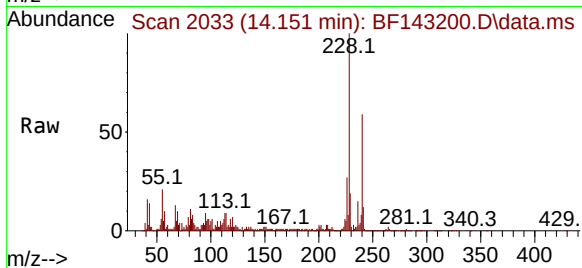
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.151 min Scan# 2028
Delta R.T. 0.029 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Instrument :
BNA_F
ClientSampleId :
FRAC TANKMSD

Tgt Ion:240 Resp: 25221
Ion Ratio Lower Upper
240 100
120 11.7 9.4 14.2
236 25.5 20.2 30.4

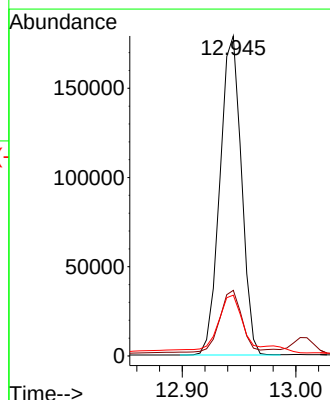
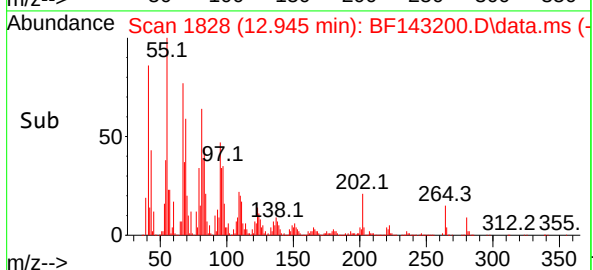
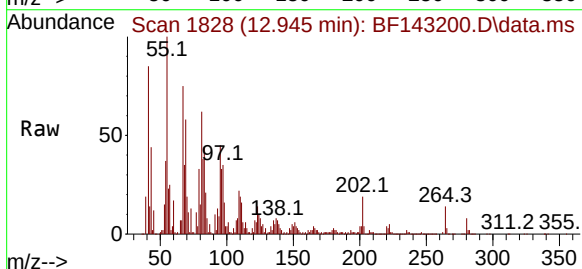
Manual Integrations
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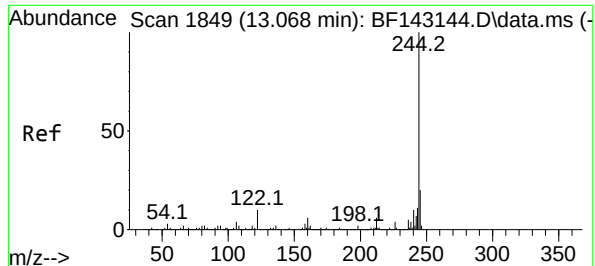
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#78
Pyrene
Concen: 10.941 ng
RT: 12.945 min Scan# 1828
Delta R.T. 0.018 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion:202 Resp: 235511
Ion Ratio Lower Upper
202 100
200 20.5 15.7 23.5
203 19.0 14.2 21.2





#79

Terphenyl-d14

Concen: 50.512 ng

RT: 13.092 min Scan# 11

Delta R.T. 0.024 min

Lab File: BF143200.D

Acq: 22 Jul 2025 20:49

Instrument :

BNA_F

ClientSampleId :

FRAC TANKMSD

Tgt Ion:244 Resp: 856090

Ion Ratio Lower Upper

244 100

212 6.8 5.2 7.8

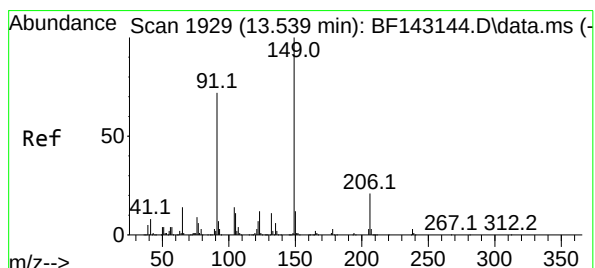
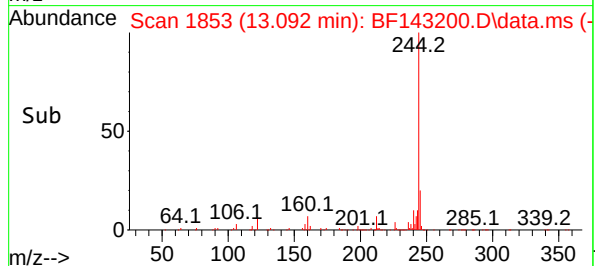
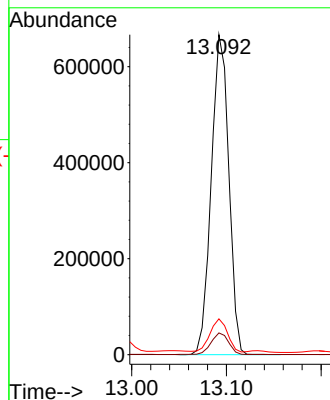
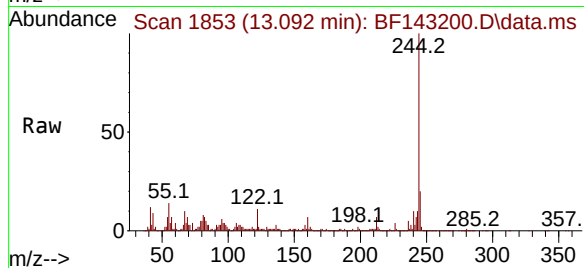
122 11.2 8.2 12.2

Manual Integrations

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Reviewed By :Rahul Chavli 07/23/2025

Supervised By :Jagrut Upadhyay 07/23/2025



#80

Butylbenzylphthalate

Concen: 47.739 ng

RT: 13.574 min Scan# 1935

Delta R.T. 0.035 min

Lab File: BF143200.D

Acq: 22 Jul 2025 20:49

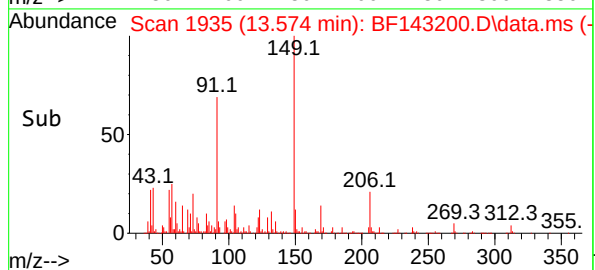
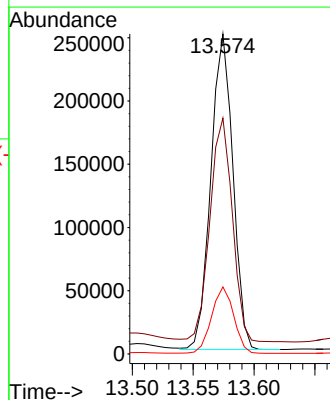
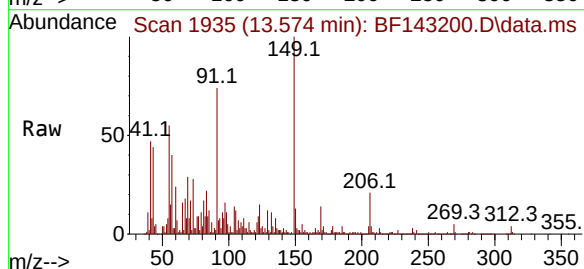
Tgt Ion:149 Resp: 314657

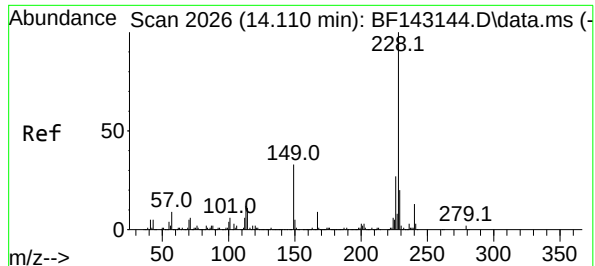
Ion Ratio Lower Upper

149 100

91 73.7 57.9 86.9

206 20.9 17.0 25.4





#81

Benzo(a)anthracene

Concen: 42.598 ng

RT: 14.139 min Scan# 2026

Delta R.T. 0.029 min

Lab File: BF143200.D

Acq: 22 Jul 2025 20:49

Instrument :

BNA_F

ClientSampleId :

FRAC TANKMSD

Tgt Ion:228 Resp: 719284

Ion Ratio Lower Upper

228 100

226 27.1 21.7 32.5

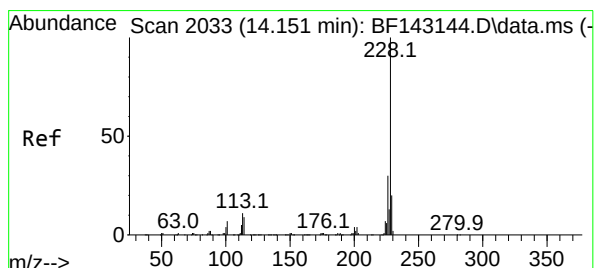
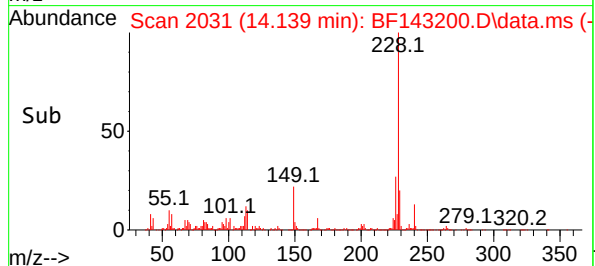
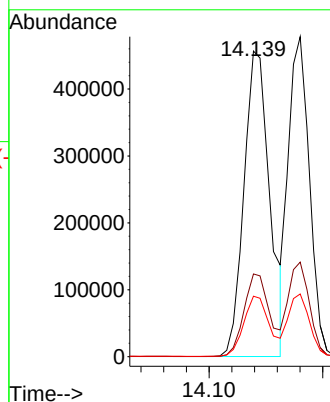
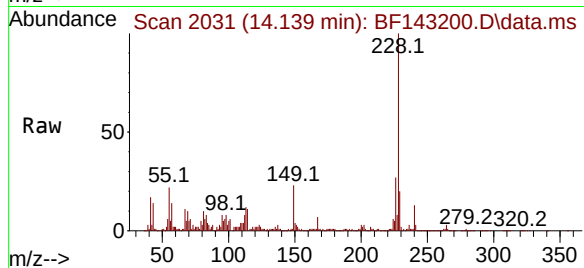
229 19.8 15.8 23.6

Manual Integrations

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Reviewed By :Rahul Chavli 07/23/2025

Supervised By :Jagrut Upadhyay 07/23/2025



#83

Chrysene

Concen: 40.588 ng

RT: 14.180 min Scan# 2038

Delta R.T. 0.029 min

Lab File: BF143200.D

Acq: 22 Jul 2025 20:49

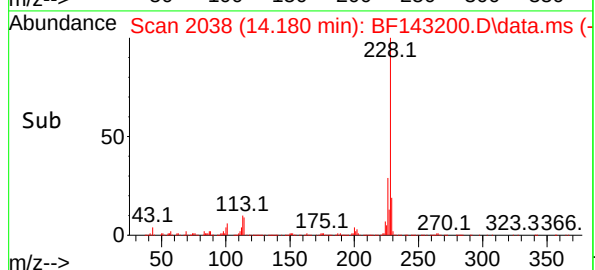
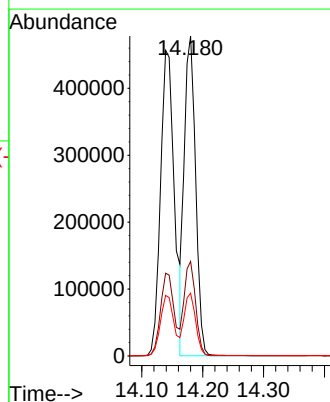
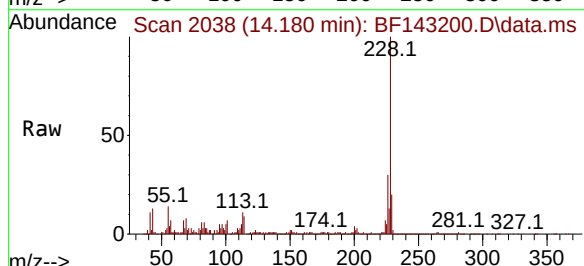
Tgt Ion:228 Resp: 616188

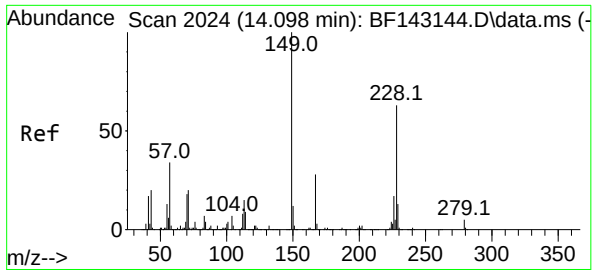
Ion Ratio Lower Upper

228 100

226 29.5 23.8 35.8

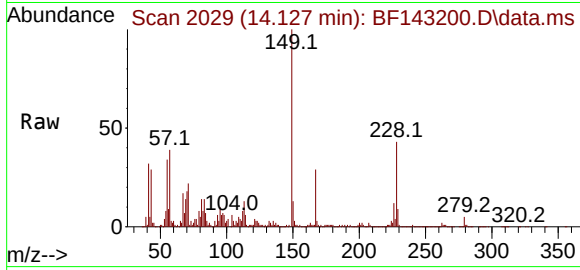
229 19.6 15.6 23.4





#84
Bis(2-ethylhexyl)phthalate
Concen: 46.508 ng
RT: 14.127 min Scan# 2024
Delta R.T. 0.029 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

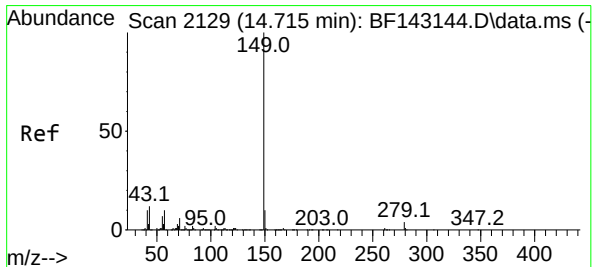
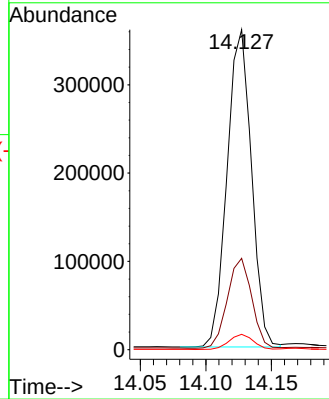
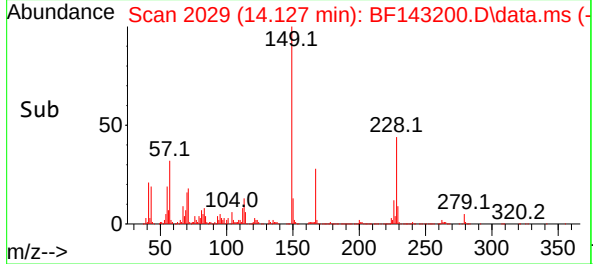
Instrument :
BNA_F
ClientSampleId :
FRAC TANKMSD



Tgt Ion:149 Resp: 463985
Ion Ratio Lower Upper
149 100
167 28.6 22.3 33.5
279 4.8 3.6 5.4

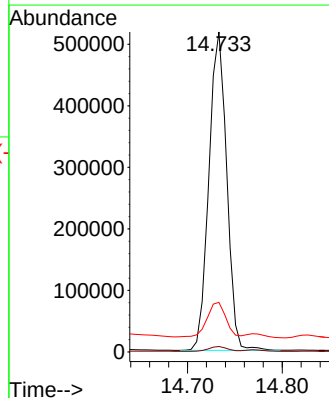
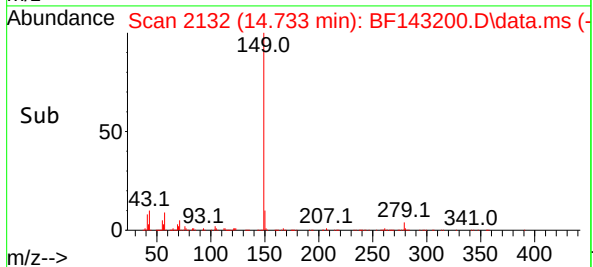
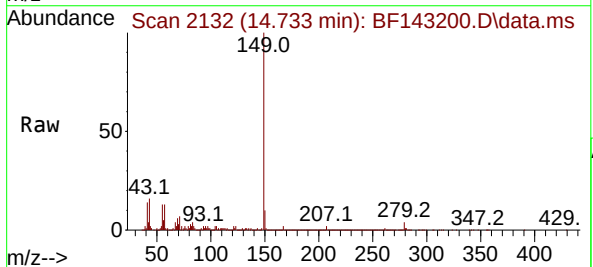
Manual Integrations
APPROVED

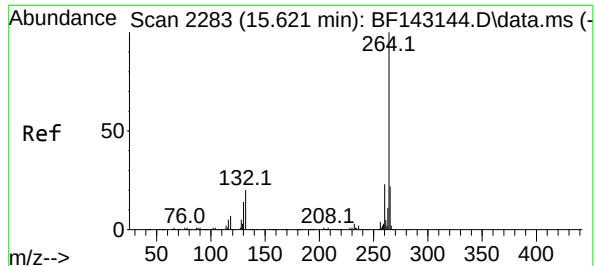
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#85
Di-n-octyl phthalate
Concen: 37.243 ng
RT: 14.733 min Scan# 2132
Delta R.T. 0.018 min
Lab File: BF143200.D
Acq: 22 Jul 2025 20:49

Tgt Ion:149 Resp: 673481
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 11.6 9.7 14.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.651 min Scan# 21

Delta R.T. 0.029 min

Lab File: BF143200.D

Acq: 22 Jul 2025 20:49

Instrument :

BNA_F

ClientSampleId :

FRAC TANKMSD

Tgt Ion:264 Resp: 152378

Ion Ratio Lower Upper

264 100

260 22.3 18.5 27.7

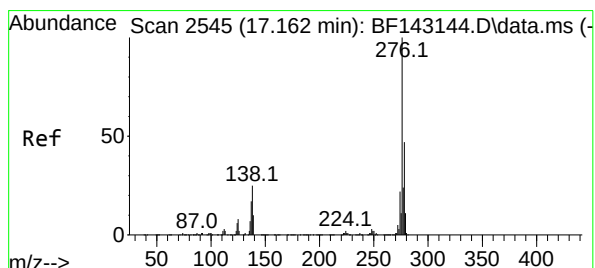
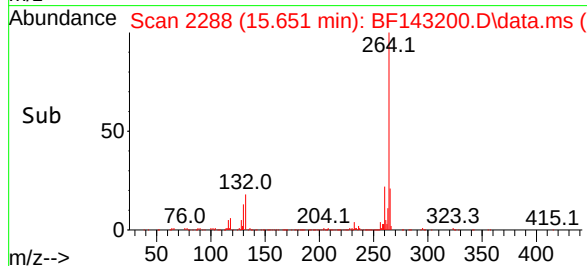
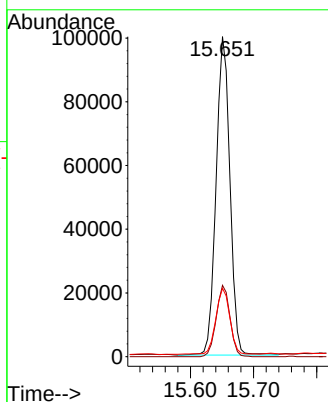
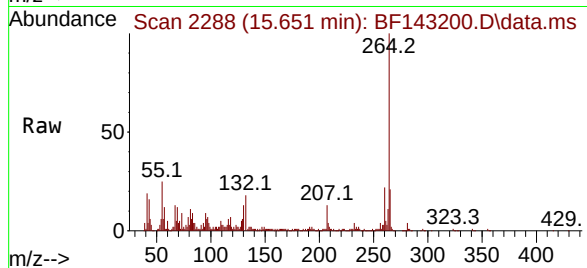
265 21.4 17.4 26.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/23/2025

Supervised By :Jagrut Upadhyay 07/23/2025



#87

Indeno(1,2,3-cd)pyrene

Concen: 34.985 ng

RT: 17.186 min Scan# 2549

Delta R.T. 0.024 min

Lab File: BF143200.D

Acq: 22 Jul 2025 20:49

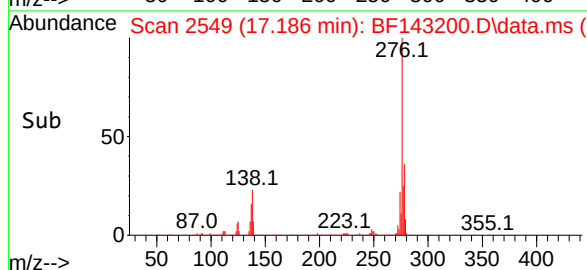
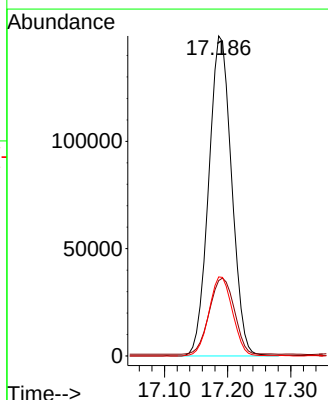
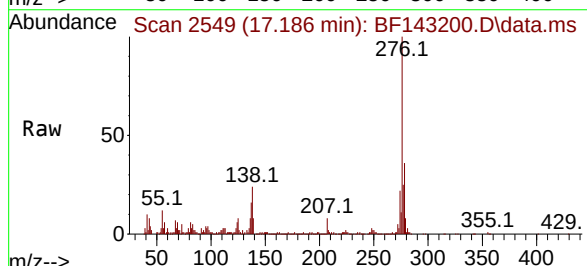
Tgt Ion:276 Resp: 375905

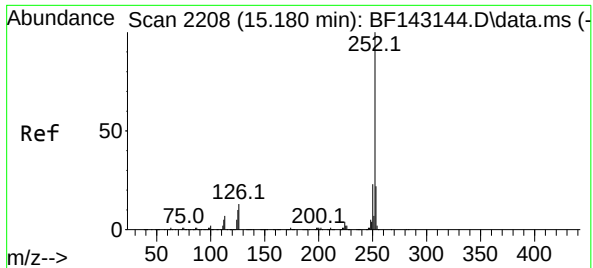
Ion Ratio Lower Upper

276 100

138 25.9 21.8 32.6

277 25.5 20.0 30.0





#88

Benzo(b)fluoranthene

Concen: 53.620 ng

RT: 15.210 min Scan# 2118

Delta R.T. 0.029 min

Lab File: BF143200.D

Acq: 22 Jul 2025 20:49

Instrument :

BNA_F

ClientSampleId :

FRAC TANKMSD

Tgt Ion:252 Resp: 49914

Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

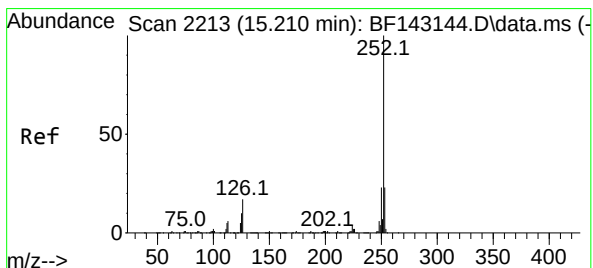
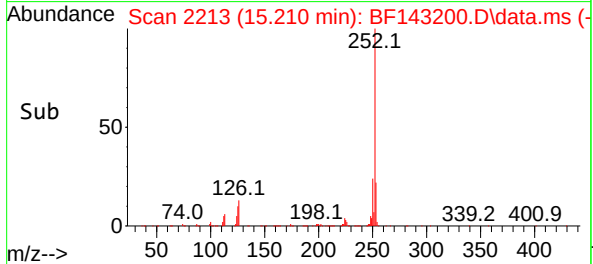
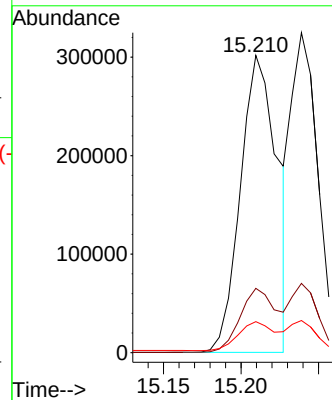
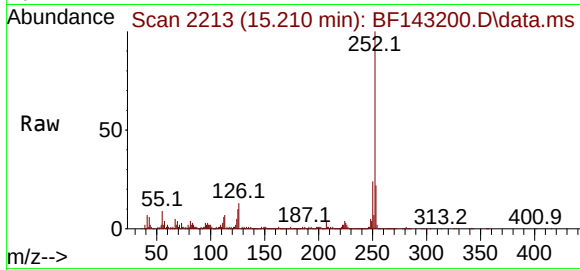
125 10.4 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/23/2025

Supervised By :Jagrut Upadhyay 07/23/2025



#89

Benzo(k)fluoranthene

Concen: 46.729 ng

RT: 15.239 min Scan# 2218

Delta R.T. 0.029 min

Lab File: BF143200.D

Acq: 22 Jul 2025 20:49

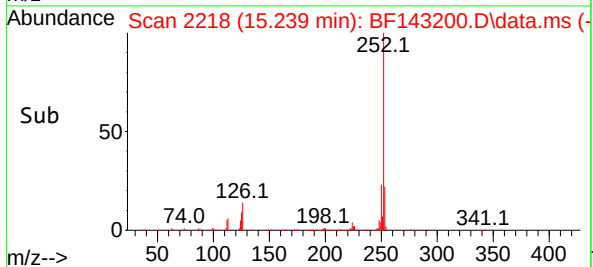
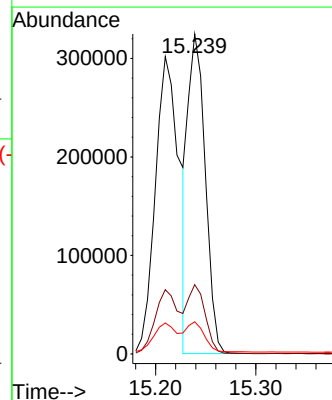
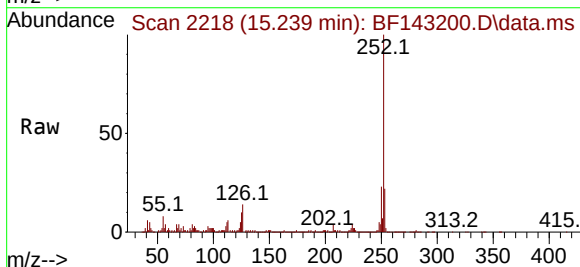
Tgt Ion:252 Resp: 388170

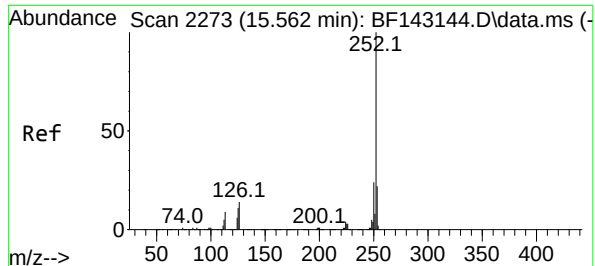
Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.6

125 10.0 8.1 12.1





#90

Benzo(a)pyrene

Concen: 41.751 ng

RT: 15.586 min Scan# 21

Delta R.T. 0.024 min

Lab File: BF143200.D

Acq: 22 Jul 2025 20:49

Instrument :

BNA_F

ClientSampleId :

FRAC TANKMSD

Tgt Ion:252 Resp: 35808

Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

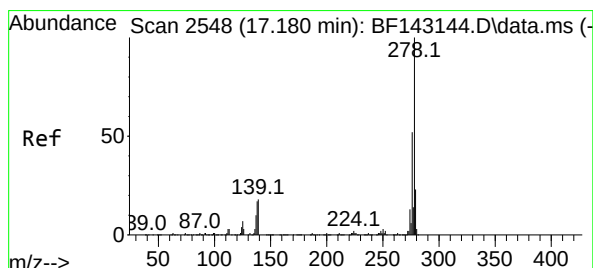
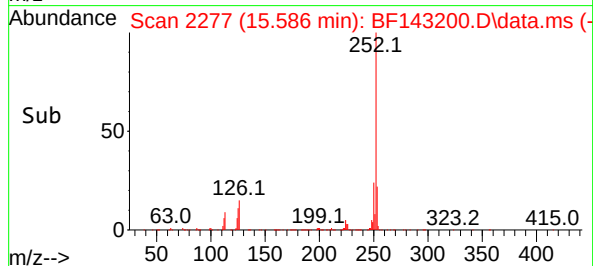
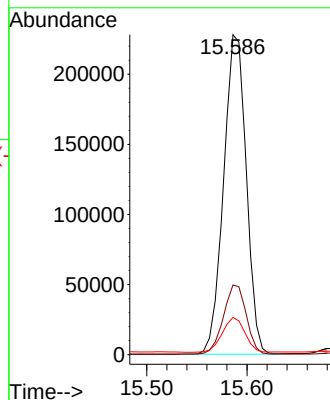
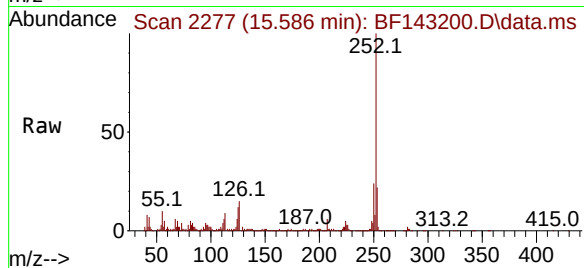
125 11.6 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/23/2025

Supervised By :Jagrut Upadhyay 07/23/2025



#91

Dibenzo(a,h)anthracene

Concen: 35.236 ng

RT: 17.204 min Scan# 2552

Delta R.T. 0.024 min

Lab File: BF143200.D

Acq: 22 Jul 2025 20:49

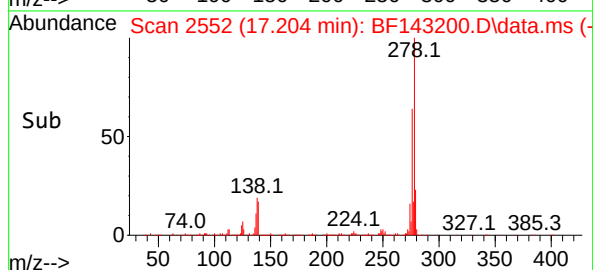
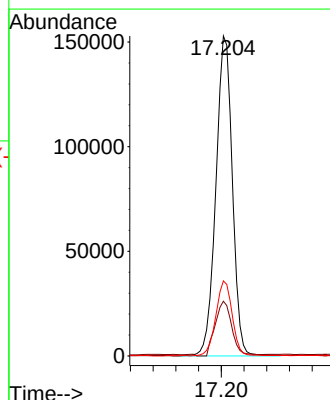
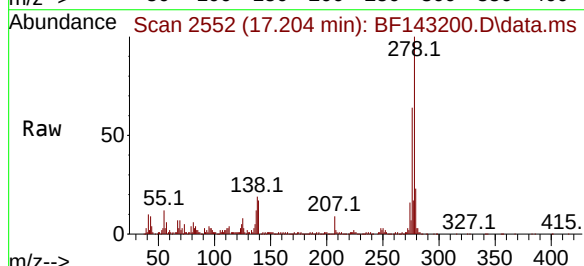
Tgt Ion:278 Resp: 308156

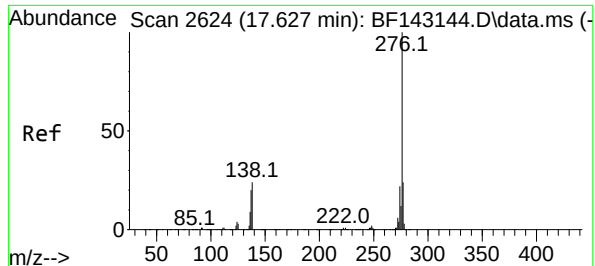
Ion Ratio Lower Upper

278 100

139 17.1 14.1 21.1

279 23.5 18.6 28.0





#92

Benzo(g,h,i)perylene

Concen: 36.245 ng

RT: 17.651 min Scan# 20

Delta R.T. 0.024 min

Lab File: BF143200.D

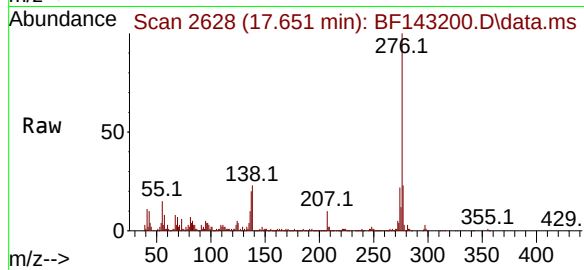
Acq: 22 Jul 2025 20:49

Instrument :

BNA_F

ClientSampleId :

FRAC TANKMSD



Tgt Ion:276 Resp: 306624

Ion Ratio Lower Upper

276 100

277 23.4 19.1 28.7

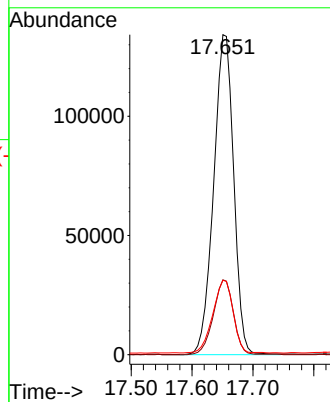
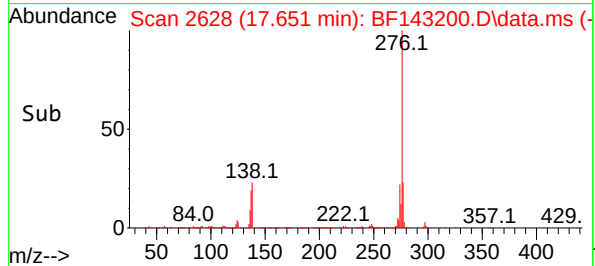
138 23.3 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/23/2025

Supervised By :Jagrut Upadhyay 07/23/2025



Manual Integration Report

Sequence:	BF071725	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDIC005	BF143141.D	Nitrobenzene-d5	Rahul	7/18/2025 10:30:25 AM	Jagrut	7/18/2025 1:30:07 PM	Peak Integrated by Software
SSTDIC010	BF143142.D	Benzoic acid	Rahul	7/18/2025 10:30:28 AM	Jagrut	7/18/2025 1:30:09 PM	Peak Integrated by Software
SSTDIC010	BF143142.D	Nitrobenzene-d5	Rahul	7/18/2025 10:30:28 AM	Jagrut	7/18/2025 1:30:09 PM	Peak Integrated by Software
SSTDIC010	BF143142.D	Phenol	Rahul	7/18/2025 10:30:28 AM	Jagrut	7/18/2025 1:30:09 PM	Peak Integrated by Software
SSTDIC020	BF143143.D	Benzoic acid	Rahul	7/18/2025 10:30:30 AM	Jagrut	7/18/2025 1:30:11 PM	Peak Integrated by Software
SSTDIC020	BF143143.D	Nitrobenzene-d5	Rahul	7/18/2025 10:30:30 AM	Jagrut	7/18/2025 1:30:11 PM	Peak Integrated by Software
SSTDIC020	BF143143.D	Phenol	Rahul	7/18/2025 10:30:30 AM	Jagrut	7/18/2025 1:30:11 PM	Peak Integrated by Software
SSTDICCC040	BF143144.D	Benzoic acid	Rahul	7/18/2025 10:30:33 AM	Jagrut	7/18/2025 1:30:14 PM	Peak Integrated by Software
SSTDICCC040	BF143144.D	Phenol	Rahul	7/18/2025 10:30:33 AM	Jagrut	7/18/2025 1:30:14 PM	Peak Integrated by Software
SSTDIC050	BF143145.D	Benzoic acid	Rahul	7/18/2025 10:30:35 AM	Jagrut	7/18/2025 1:30:16 PM	Peak Integrated by Software
SSTDIC050	BF143145.D	Phenol	Rahul	7/18/2025 10:30:35 AM	Jagrut	7/18/2025 1:30:16 PM	Peak Integrated by Software
SSTDIC060	BF143146.D	Phenol	Rahul	7/18/2025 10:30:38 AM	Jagrut	7/18/2025 1:30:19 PM	Peak Integrated by Software
SSTDIC080	BF143147.D	Benzoic acid	Rahul	7/18/2025 10:30:41 AM	Jagrut	7/18/2025 1:30:22 PM	Peak Integrated by Software

Manual Integration Report

Sequence:

BF071725

Instrument

BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC080	BF143147.D	Phenol	Rahul	7/18/2025 10:30:41 AM	Jagrut	7/18/2025 1:30:22 PM	Peak Integrated by Software
SSTDICV040	BF143148.D	Phenol	Rahul	7/18/2025 10:30:44 AM	Jagrut	7/18/2025 1:30:24 PM	Peak Integrated by Software
SSTDCCC040	BF143157.D	Phenol	Rahul	7/18/2025 10:31:02 AM	Jagrut	7/18/2025 1:30:41 PM	Peak Integrated by Software

Manual Integration Report

Sequence:	bf072225	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2646-03MS	BF143199.D	1,3-Dichlorobenzene	Rahul	7/23/2025 8:22:18 AM	Jagrut	7/23/2025 1:06:28 PM	Peak Integrated by Software
Q2646-03MS	BF143199.D	2,2"-oxybis(1-Chloropropane)	Rahul	7/23/2025 8:22:18 AM	Jagrut	7/23/2025 1:06:28 PM	Peak Integrated by Software
Q2646-03MS	BF143199.D	2,3,4,6-Tetrachlorophenol	Rahul	7/23/2025 8:22:18 AM	Jagrut	7/23/2025 1:06:28 PM	Peak Integrated by Software
Q2646-03MS	BF143199.D	3+4-Methylphenols	Rahul	7/23/2025 8:22:18 AM	Jagrut	7/23/2025 1:06:28 PM	Peak Integrated by Software
Q2646-03MS	BF143199.D	Caprolactam	Rahul	7/23/2025 8:22:18 AM	Jagrut	7/23/2025 1:06:28 PM	Peak Integrated by Software
Q2646-03MSD	BF143200.D	2,3,4,6-Tetrachlorophenol	Rahul	7/23/2025 8:22:22 AM	Jagrut	7/23/2025 1:06:31 PM	Peak Integrated by Software
Q2646-03MSD	BF143200.D	3+4-Methylphenols	Rahul	7/23/2025 8:22:22 AM	Jagrut	7/23/2025 1:06:31 PM	Peak Integrated by Software
Q2646-03MSD	BF143200.D	3,3"-Dichlorobenzidine	Rahul	7/23/2025 8:22:22 AM	Jagrut	7/23/2025 1:06:31 PM	Peak Integrated by Software
Q2646-03MSD	BF143200.D	Caprolactam	Rahul	7/23/2025 8:22:22 AM	Jagrut	7/23/2025 1:06:31 PM	Peak Integrated by Software



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

Manual Integration Report

Sequence:	BF072325	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB168954BS	BF143213.D	Caprolactam	Rahul	7/24/2025 10:38:12 AM	Jagrut	7/24/2025 12:02:16 PM	Peak Integrated by Software

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch ID # BF071725

Review By	Rahul	Review On	7/18/2025 11:02:11 AM
Supervise By	Jagrut	Supervise On	7/18/2025 1:30:54 PM
SubDirectory	BF071725	HP Acquire Method	BNA_F
		HP Processing Method	bf071725
STD. NAME	STD REF.#		
Tune/Reschk	SP6757		
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840		
CCC	SP6836		
Internal Standard/PEM	S12674,10ul/1000ul sample		
ICV/I.BLK	SP6770		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF143138.D	17 Jul 2025 09:58	RC/JU	Ok
2	SSTDCCC040	BF143139.D	17 Jul 2025 10:28	RC/JU	Not Ok
3	SSTDICC2.5	BF143140.D	17 Jul 2025 11:04	RC/JU	Ok
4	SSTDICC005	BF143141.D	17 Jul 2025 11:34	RC/JU	Ok,M
5	SSTDICC010	BF143142.D	17 Jul 2025 12:04	RC/JU	Ok,M
6	SSTDICC020	BF143143.D	17 Jul 2025 12:34	RC/JU	Ok,M
7	SSTDICCC040	BF143144.D	17 Jul 2025 13:03	RC/JU	Ok,M
8	SSTDICC050	BF143145.D	17 Jul 2025 13:33	RC/JU	Ok,M
9	SSTDICC060	BF143146.D	17 Jul 2025 14:04	RC/JU	Ok,M
10	SSTDICC080	BF143147.D	17 Jul 2025 14:34	RC/JU	Ok,M
11	SSTDICV040	BF143148.D	17 Jul 2025 15:06	RC/JU	Ok,M
12	PB168813BL	BF143149.D	17 Jul 2025 15:36	RC/JU	Ok
13	Q2126-03	BF143150.D	17 Jul 2025 16:06	RC/JU	Ok,M
14	Q2126-03	BF143151.D	17 Jul 2025 16:36	RC/JU	Ok,M
15	Q2126-09	BF143152.D	17 Jul 2025 17:07	RC/JU	Ok,M
16	Q2126-09	BF143153.D	17 Jul 2025 17:37	RC/JU	Ok,M
17	PB168816BL	BF143154.D	17 Jul 2025 18:07	RC/JU	Ok
18	PB167904BL	BF143155.D	17 Jul 2025 18:37	RC/JU	Ok
19	PB167904BS	BF143156.D	17 Jul 2025 19:07	RC/JU	Ok,M
20	SSTDCCC040	BF143157.D	17 Jul 2025 19:37	RC/JU	Ok,M

M : Manual Integration

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch ID # BF072225

Review By	Rahul	Review On	7/23/2025 8:23:11 AM
Supervise By	Jagrut	Supervise On	7/23/2025 1:06:52 PM
SubDirectory	BF072225	HP Acquire Method	BNA_F
		HP Processing Method	bf071725
STD. NAME	STD REF.#		
Tune/Reschk	SP6757		
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840		
CCC	SP6836		
Internal Standard/PEM	S13168,10ul/1000ul sample		
ICV/I.BLK	SP6770		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF143176.D	22 Jul 2025 07:48	RC/JU	Ok
2	SSTDCCC040	BF143177.D	22 Jul 2025 08:46	RC/JU	Ok
3	PB168929BL	BF143178.D	22 Jul 2025 09:15	RC/JU	Ok
4	PB168813BS	BF143179.D	22 Jul 2025 09:44	RC/JU	Ok,M
5	Q2635-01MS	BF143180.D	22 Jul 2025 10:26	RC/JU	Ok,M
6	Q2635-01MSD	BF143181.D	22 Jul 2025 10:55	RC/JU	Ok,M
7	Q2638-01	BF143182.D	22 Jul 2025 11:25	RC/JU	Ok,M
8	Q2638-03	BF143183.D	22 Jul 2025 11:54	RC/JU	Ok,M
9	Q2638-05	BF143184.D	22 Jul 2025 12:23	RC/JU	Ok,M
10	Q2638-07	BF143185.D	22 Jul 2025 12:52	RC/JU	ReRun
11	Q2638-09	BF143186.D	22 Jul 2025 13:21	RC/JU	Ok,M
12	SSTDCCC040	BF143187.D	22 Jul 2025 13:55	RC/JU	Ok
13	DFTPP	BF143188.D	22 Jul 2025 14:54	RC/JU	Ok
14	SSTDCCC040	BF143189.D	22 Jul 2025 15:23	RC/JU	Ok
15	PB168954BL	BF143190.D	22 Jul 2025 15:52	RC/JU	Ok
16	Q2641-02	BF143191.D	22 Jul 2025 16:26	RC/JU	Ok
17	Q2649-04	BF143192.D	22 Jul 2025 16:55	RC/JU	Ok,M
18	Q2649-08	BF143193.D	22 Jul 2025 17:25	RC/JU	Ok
19	Q2649-12	BF143194.D	22 Jul 2025 17:54	RC/JU	Ok
20	Q2649-16	BF143195.D	22 Jul 2025 18:23	RC/JU	Ok
21	Q2649-20	BF143196.D	22 Jul 2025 18:53	RC/JU	Ok

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch ID # BF072225

Review By	Rahul	Review On	7/23/2025 8:23:11 AM
Supervise By	Jagrut	Supervise On	7/23/2025 1:06:52 PM
SubDirectory	BF072225	HP Acquire Method	BNA_F
		HP Processing Method	bf071725
STD. NAME	STD REF.#		
Tune/Reschk	SP6757		
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840		
CCC	SP6836		
Internal Standard/PEM	S13168,10ul/1000ul sample		
ICV/I.BLK	SP6770		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	Q2649-24	BF143197.D	22 Jul 2025 19:22	RC/JU	Ok
23	Q2646-03	BF143198.D	22 Jul 2025 19:51	RC/JU	Ok
24	Q2646-03MS	BF143199.D	22 Jul 2025 20:20	RC/JU	Ok,M
25	Q2646-03MSD	BF143200.D	22 Jul 2025 20:49	RC/JU	Ok,M
26	Q2649-21	BF143201.D	22 Jul 2025 21:18	RC/JU	Ok
27	Q2649-13	BF143202.D	22 Jul 2025 21:48	RC/JU	Ok
28	Q2658-02	BF143203.D	22 Jul 2025 22:17	RC/JU	Ok
29	Q2658-01	BF143204.D	22 Jul 2025 22:46	RC/JU	Ok,M
30	Q2660-01	BF143205.D	22 Jul 2025 23:15	RC/JU	Ok
31	Q2649-17	BF143206.D	22 Jul 2025 23:43	RC/JU	Ok,M
32	Q2649-01	BF143207.D	23 Jul 2025 00:12	RC/JU	Ok,M
33	Q2660-03	BF143208.D	23 Jul 2025 00:41	RC/JU	Ok

M : Manual Integration

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch ID # BF072325

Review By	Rahul	Review On	7/24/2025 10:37:52 AM
Supervise By	Jagrut	Supervise On	7/24/2025 12:02:50 PM
SubDirectory	BF072325	HP Acquire Method	BNA_F
		HP Processing Method	bf071725
STD. NAME	STD REF.#		
Tune/Reschk	SP6757		
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840		
CCC	SP6836		
Internal Standard/PEM	S13168,10ul/1000ul sample		
ICV/I.BLK	SP6770		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF143209.D	23 Jul 2025 13:34	RC/JU	Ok
2	SSTDCCC040	BF143210.D	23 Jul 2025 14:33	RC/JU	Ok
3	PB168926TB	BF143211.D	23 Jul 2025 15:02	RC/JU	Ok
4	PB168929BS	BF143212.D	23 Jul 2025 15:31	RC/JU	Ok,M
5	PB168954BS	BF143213.D	23 Jul 2025 16:00	RC/JU	Ok,M
6	PB168948BL	BF143214.D	23 Jul 2025 16:30	RC/JU	Ok
7	PB168948BS	BF143215.D	23 Jul 2025 16:59	RC/JU	Ok,M
8	Q2645-02	BF143216.D	23 Jul 2025 17:28	RC/JU	Ok
9	Q2649-05	BF143217.D	23 Jul 2025 17:57	RC/JU	Ok
10	Q2649-09	BF143218.D	23 Jul 2025 18:26	RC/JU	Ok
11	Q2649-09MS	BF143219.D	23 Jul 2025 18:56	RC/JU	Ok,M
12	Q2649-09MSD	BF143220.D	23 Jul 2025 19:25	RC/JU	Ok,M
13	SSTDCCC040	BF143221.D	23 Jul 2025 19:54	RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF071725

Review By	Rahul	Review On	7/18/2025 11:02:11 AM
Supervise By	Jagrut	Supervise On	7/18/2025 1:30:54 PM
SubDirectory	BF071725	HP Acquire Method	BNA_F
		HP Processing Method	bf071725

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12674,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF143138.D	17 Jul 2025 09:58		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF143139.D	17 Jul 2025 10:28	A Fresh Calibration is required.	RC/JU	Not Ok
3	SSTDICC2.5	SSTDICC2.5	BF143140.D	17 Jul 2025 11:04		RC/JU	Ok
4	SSTDICC005	SSTDICC005	BF143141.D	17 Jul 2025 11:34		RC/JU	Ok,M
5	SSTDICC010	SSTDICC010	BF143142.D	17 Jul 2025 12:04		RC/JU	Ok,M
6	SSTDICC020	SSTDICC020	BF143143.D	17 Jul 2025 12:34		RC/JU	Ok,M
7	SSTDICCC040	SSTDICCC040	BF143144.D	17 Jul 2025 13:03	Compound #32,54,65 Kept on LR	RC/JU	Ok,M
8	SSTDICC050	SSTDICC050	BF143145.D	17 Jul 2025 13:33		RC/JU	Ok,M
9	SSTDICC060	SSTDICC060	BF143146.D	17 Jul 2025 14:04		RC/JU	Ok,M
10	SSTDICC080	SSTDICC080	BF143147.D	17 Jul 2025 14:34	Compound#77 removed from 80 ppm	RC/JU	Ok,M
11	SSTDICV040	ICVBF071725	BF143148.D	17 Jul 2025 15:06		RC/JU	Ok,M
12	PB168813BL	PB168813BL	BF143149.D	17 Jul 2025 15:36		RC/JU	Ok
13	Q2126-03	MDL-SOIL-03-QT2-202	BF143150.D	17 Jul 2025 16:06	MDL-SOIL 4 ppm	RC/JU	Ok,M
14	Q2126-03	MDL-SOIL-03-QT2-202	BF143151.D	17 Jul 2025 16:36	MDL-SOIL 8 ppm	RC/JU	Ok,M
15	Q2126-09	MDL-WATER-03-QT2-2	BF143152.D	17 Jul 2025 17:07	MDL-WATER 4 ppm	RC/JU	Ok,M
16	Q2126-09	MDL-WATER-03-QT2-2	BF143153.D	17 Jul 2025 17:37	MDL-WATER 8 ppm	RC/JU	Ok,M
17	PB168816BL	PB168816BL	BF143154.D	17 Jul 2025 18:07		RC/JU	Ok

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF071725

Review By	Rahul	Review On	7/18/2025 11:02:11 AM		
Supervise By	Jagrut	Supervise On	7/18/2025 1:30:54 PM		
SubDirectory	BF071725	HP Acquire Method	BNA_F	HP Processing Method	bf071725

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12674,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	PB167904BL	PB167904BL	BF143155.D	17 Jul 2025 18:37		RC/JU	Ok
19	PB167904BS	PB167904BS	BF143156.D	17 Jul 2025 19:07		RC/JU	Ok,M
20	SSTDCCC040	SSTDCCC040EC	BF143157.D	17 Jul 2025 19:37		RC/JU	Ok,M

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF072225

Review By	Rahul	Review On	7/23/2025 8:23:11 AM
Supervise By	Jagrut	Supervise On	7/23/2025 1:06:52 PM
SubDirectory	BF072225	HP Acquire Method	BNA_F
		HP Processing Method	bf071725

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13168,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF143176.D	22 Jul 2025 07:48		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF143177.D	22 Jul 2025 08:46		RC/JU	Ok
3	PB168929BL	PB168929BL	BF143178.D	22 Jul 2025 09:15		RC/JU	Ok
4	PB168813BS	PB168813BS	BF143179.D	22 Jul 2025 09:44		RC/JU	Ok,M
5	Q2635-01MS	RT2286MS	BF143180.D	22 Jul 2025 10:26		RC/JU	Ok,M
6	Q2635-01MSD	RT2286MSD	BF143181.D	22 Jul 2025 10:55		RC/JU	Ok,M
7	Q2638-01	OU4-TS-31-071725	BF143182.D	22 Jul 2025 11:25		RC/JU	Ok,M
8	Q2638-03	OU4-TS-32-071725	BF143183.D	22 Jul 2025 11:54		RC/JU	Ok,M
9	Q2638-05	OU4-TS-33-071725	BF143184.D	22 Jul 2025 12:23		RC/JU	Ok,M
10	Q2638-07	OU4-TS-34-071725	BF143185.D	22 Jul 2025 12:52	Surrogate Fail	RC/JU	ReRun
11	Q2638-09	OU4-TS-35-071725	BF143186.D	22 Jul 2025 13:21		RC/JU	Ok,M
12	SSTDCCC040	SSTDCCC040EC	BF143187.D	22 Jul 2025 13:55		RC/JU	Ok
13	DFTPP	DFTPP	BF143188.D	22 Jul 2025 14:54		RC/JU	Ok
14	SSTDCCC040	SSTDCCC040	BF143189.D	22 Jul 2025 15:23		RC/JU	Ok
15	PB168954BL	PB168954BL	BF143190.D	22 Jul 2025 15:52		RC/JU	Ok
16	Q2641-02	P001-CONCRETE001	BF143191.D	22 Jul 2025 16:26		RC/JU	Ok
17	Q2649-04	WC-1	BF143192.D	22 Jul 2025 16:55		RC/JU	Ok,M
18	Q2649-08	WC-2	BF143193.D	22 Jul 2025 17:25		RC/JU	Ok

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF072225

Review By	Rahul	Review On	7/23/2025 8:23:11 AM		
Supervise By	Jagrut	Supervise On	7/23/2025 1:06:52 PM		
SubDirectory	BF072225	HP Acquire Method	BNA_F	HP Processing Method	bf071725
STD. NAME		STD REF.#			
Tune/Reschk		SP6757			
Initial Calibration Stds		SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840			
CCC		SP6836			
Internal Standard/PEM		S13168,10ul/1000ul sample			
ICV/I.BLK		SP6770			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

19	Q2649-12	WC-3	BF143194.D	22 Jul 2025 17:54		RC/JU	Ok
20	Q2649-16	WC-4	BF143195.D	22 Jul 2025 18:23		RC/JU	Ok
21	Q2649-20	WC-5	BF143196.D	22 Jul 2025 18:53		RC/JU	Ok
22	Q2649-24	WC-6	BF143197.D	22 Jul 2025 19:22		RC/JU	Ok
23	Q2646-03	FRAC TANK	BF143198.D	22 Jul 2025 19:51	Internal standard fail.	RC/JU	Ok
24	Q2646-03MS	FRAC TANKMS	BF143199.D	22 Jul 2025 20:20		RC/JU	Ok,M
25	Q2646-03MSD	FRAC TANKMSD	BF143200.D	22 Jul 2025 20:49		RC/JU	Ok,M
26	Q2649-21	WC-6	BF143201.D	22 Jul 2025 21:18		RC/JU	Ok
27	Q2649-13	WC-4	BF143202.D	22 Jul 2025 21:48		RC/JU	Ok
28	Q2658-02	PAD-072125-2	BF143203.D	22 Jul 2025 22:17		RC/JU	Ok
29	Q2658-01	PAD-072125-1	BF143204.D	22 Jul 2025 22:46	Internal standard fail.	RC/JU	Ok,M
30	Q2660-01	MOO-25-0205	BF143205.D	22 Jul 2025 23:15	Internal standard fail.	RC/JU	Ok
31	Q2649-17	WC-5	BF143206.D	22 Jul 2025 23:43		RC/JU	Ok,M
32	Q2649-01	WC-1	BF143207.D	23 Jul 2025 00:12		RC/JU	Ok,M
33	Q2660-03	MOO-25-0218	BF143208.D	23 Jul 2025 00:41	Internal standard fail	RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF072325

Review By	Rahul	Review On	7/24/2025 10:37:52 AM
Supervise By	Jagrut	Supervise On	7/24/2025 12:02:50 PM
SubDirectory	BF072325	HP Acquire Method	BNA_F
		HP Processing Method	bf071725

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13168,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF143209.D	23 Jul 2025 13:34		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF143210.D	23 Jul 2025 14:33		RC/JU	Ok
3	PB168926TB	PB168926TB	BF143211.D	23 Jul 2025 15:02		RC/JU	Ok
4	PB168929BS	PB168929BS	BF143212.D	23 Jul 2025 15:31		RC/JU	Ok,M
5	PB168954BS	PB168954BS	BF143213.D	23 Jul 2025 16:00		RC/JU	Ok,M
6	PB168948BL	PB168948BL	BF143214.D	23 Jul 2025 16:30		RC/JU	Ok
7	PB168948BS	PB168948BS	BF143215.D	23 Jul 2025 16:59		RC/JU	Ok,M
8	Q2645-02	RW5B-CARBON-20250	BF143216.D	23 Jul 2025 17:28	Surrogate Fail	RC/JU	Ok
9	Q2649-05	WC-2	BF143217.D	23 Jul 2025 17:57		RC/JU	Ok
10	Q2649-09	WC-3	BF143218.D	23 Jul 2025 18:26		RC/JU	Ok
11	Q2649-09MS	WC-3MS	BF143219.D	23 Jul 2025 18:56		RC/JU	Ok,M
12	Q2649-09MSD	WC-3MSD	BF143220.D	23 Jul 2025 19:25		RC/JU	Ok,M
13	SSTDCCC040	SSTDCCC040EC	BF143221.D	23 Jul 2025 19:54		RC/JU	Ok

M : Manual Integration

SOP ID :	M1311-TCLP-16		
SDG No :	N/A	Start Prep Date :	N/A Time : N/A
Weigh By :	N/A	End Prep Date :	N/A Time : N/A
Balance ID :	N/A	Combination Ratio :	N/A
pH Meter ID :	WC PH METER-1	ZHE Cleaning Batch :	N/A
Extraction By :	JP	Initial Room Temperature:	N/A
Filter By :	JP	Final Room Temperature:	N/A
Pipette ID :	N/A	TCLP Technician Signature :	JP
Tumbler ID :	N/A	Supervisor By :	12
TCLP Filter ID :	115525		

Standard Name	MLS USED	STD REF. # FROM LOG
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

Chemical Used	ML/SAMPLE U	Lot Number
N/A	N/A	N/A
N/A	N/A	N/A
HNO3-TCLP,1N	N/A	WP112799
pH Strips	N/A	W1931,W1934,W3171,W3172
pH Strips	W1940,W1941,W1942	W3166,W1938,W1939,
1 Liter Amber	N/A	90924-08
120ml Plastic bottle	N/A	2738
1:1 HNO3	N/A	MP84041

Extraction Conformance/Non-Conformance Comments:

Matrix spikes are added after filtration and before preservation. q2646-03 is used for MS-MSD.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
01/21/25 11:30	JP 1st Room	SPS. RJ / EAT
	Preparation Group	Analysis Group 1st Room

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB168926TB	LEB926	N/A	N/A	N/A	N/A	N/A	N/A	4.93	1.5	N/A
Q2646-03	FRAC TANK	N/A	N/A	N/A	N/A	N/A	N/A	4.5	1.0	N/A

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB168926TB	LEB926	N/A	N/A	N/A	N/A	N/A	N/A
Q2646-03	FRAC TANK	N/A	N/A	N/A	N/A	<0.5	N/A

WORKLIST(Hardcopy Internal Chain)

WorkList Name : tcip q q2646

WorkList ID : 190828

Department : TCLP Extraction

Date : 07-18-2025 15:02:00

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2646-03	FRAC TANK	Water	TCLP Extraction	Cool 4 deg C	ENV/60	O11	07/18/2025	1311

Date/Time 07/18/25 15:10

Raw Sample Received by: SA GRC

Raw Sample Relinquished by: SA GRC

Date/Time 07/18/25 18:00

Raw Sample Received by: SA GRC

Raw Sample Relinquished by: SA GRC

SOP ID: M3510C,3580A-Extraction SVOC-21

Clean Up SOP #: N/A

Extraction Start Date : 07/22/2025

Matrix : Water

Extraction Start Time : 09:10

Weigh By: N/A

Extraction By: RS

Extraction End Date : 07/22/2025

Balance check: N/A

Filter By: RS

Extraction End Time : 14:10

Balance ID: N/A

pH Meter ID: N/A

Concentration By: EH

pH Strip Lot#: E3880

Hood ID: 4,5,6,7

Supervisor By : RUPESH

Extraction Method: ☒ Separatory Funnel

☐ Continous Liquid/Liquid

☐ Sonication

☐ Waste Dilution

☐ Soxhlet

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6849
Surrogate	1.0ML	100/150 PPM	SP6852
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Methylene Chloride	N/A	E3954
Baked Na2SO4	N/A	EP2625
H2SO4 1:1	N/A	EP2610
10N NaoH	N/A	EP2609
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

pH Adjusted to < 2 with 1:1 H2SO4 & >12 with 10N NaOH , 1.5ML Vial Lot # 2210443.

KD Bath ID: WATER BATH-1,2

Envap ID: NE VAP-02

KD Bath Temperature: 60 °C

Envap Temperature: 40 °C

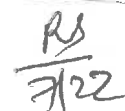
Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
7/22/25	RS (B4-Gub)	RCSVOC
14:15	Preparation Group	Analysis Group

Analytical Method: M3510C,3580A-Extraction SVOC-21

Concentration Date: 07/22/2025

Sample ID	Client Sample ID	Test	g  mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168919TB	PB168919TB	TCLP BNA	100	6	RUPESH	Evelyn	1			SEP-1
PB168926TB	PB168926TB	TCLP BNA	100	6	RUPESH	Evelyn	1			2
PB168954BL	PB168954BL	TCLP BNA	1000	6	RUPESH	Evelyn	1			3
PB168954BS	PB168954BS	TCLP BNA	1000	6	RUPESH	Evelyn	1			4
Q2641-02	P001-CONCRETE001-01	TCLP BNA	100	6	RUPESH	Evelyn	1	A		5
Q2646-03	FRAC TANK	TCLP BNA	100	6	RUPESH	Evelyn	1	A		6
Q2646-03MS	FRAC TANKMS	TCLP BNA	100	6	RUPESH	Evelyn	1	A		7
Q2646-03MS D	FRAC TANKMSD	TCLP BNA	100	6	RUPESH	Evelyn	1	A		8
Q2649-04	WC-1	TCLP BNA	100	6	RUPESH	Evelyn	1	A		9
Q2649-08	WC-2	TCLP BNA	100	6	RUPESH	Evelyn	1	A		10
Q2649-12	WC-3	TCLP BNA	100	6	RUPESH	Evelyn	1	A		11
Q2649-16	WC-4	TCLP BNA	100	6	RUPESH	Evelyn	1	A		12
Q2649-20	WC-5	TCLP BNA	100	6	RUPESH	Evelyn	1	A		13
Q2649-24	WC-6	TCLP BNA	100	6	RUPESH	Evelyn	1	A		14

* Extracts relinquished on the same date as received.



Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB168919TB	LEB919	10	N/A	2000	N/A	N/A	N/A	4.93	1.0	T-1
Q2622-04	2819	01	100.01	2000	N/A	N/A	N/A	3.5	1.0	T-1
Q2641-02	P001-CONCRETE001-01	02	100.02	2000	N/A	N/A	N/A	11.5	1.5	T-1
Q2645-03	RW5B-CARBON-20250716	03	100.03	2000	N/A	N/A	N/A	3.0	1.5	T-1
Q2649-04	WC-1	04	100.02	2000	N/A	N/A	N/A	5.5	1.0	T-1
Q2649-08	WC-2	05	100.03	2000	N/A	N/A	N/A	7.2	1.5	T-1
Q2649-12	WC-3	06	100.04	2000	N/A	N/A	N/A	7.0	1.0	T-1
Q2649-16	WC-4	07	100.02	2000	N/A	N/A	N/A	3.5	1.5	T-1
Q2649-20	WC-5	08	100.02	2000	N/A	N/A	N/A	3.5	1.0	T-1
Q2649-24	WC-6	09	100.03	2000	N/A	N/A	N/A	4.0	1.5	T-1

07/24/25
11:30

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB168926TB	LEB926	N/A	N/A	N/A	N/A	N/A	N/A	4.93	1.5	N/A
Q2646-03	FRAC TANK	N/A	N/A	N/A	N/A	N/A	N/A	4.5	1.0	N/A

07/21/25
11:30



SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: ENVIRONMENTAL RESTORATION

ADDRESS: 627 COURT ST

CITY BINGHAMTON STATE NY ZIP 13901

ATTENTION: STEVE MOTTA

PHONE: 3146037026

FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: GREENTOPIA

PROJECT NO. 4217 LOCATION: N. ARLINGTON

PROJECT MANAGER: STEVE MOTTA

e-mail: S.MOTTA@ERLLC.COM

PHONE:

FAX:

CLIENT BILLING INFORMATION

BILL TO: PO#: 62217

ADDRESS: 627 COURT ST

CITY BINGHAMTON STATE NY ZIP: 13901

ATTENTION: STEVE PHONE: 3146037026

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) DAYS*

HARDCOPY (DATA PACKAGE): DAYS*

EDD: DAYS*

*TO BE APPROVED BY CHEMTECH

STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)

☐ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP

☐ Level 3 (Results + QC) ☐ NYS ASP A ☐ NYS ASP B

+ Raw Data ☐ Other

☐ EDD FORMAT

TOX
TALP, HERS, PEST BUA
BTU
FLASHPOINT
PCB
PH/TSS/EXT
VOC-TALPUDA
TALPUDA
METALS/MERC

PRESERVATIVES

COMMENTS

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	
1. 1	FRACTANK	LIQ		X	7/18	0930	1	✓									H2SO4
2. 2	FRACTANK			X			2		✓								
3. 3	FRACTANK			X			1			✓							
4. 4	FRACTANK			X			1				✓						
5. 5	FRACTANK			X			1					✓					
6. 6	FRACTANK			X			1						✓				
7. 8	FRACTANK			X			2							✓			HCL
8. 9	FRACTANK			X			2								✓		
9. 10	FRACTANK			X			1									✓	
10.				X													

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME: 7/18/18	RECEIVED BY: [Signature]	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 3.7 °C
1. STEVE MOTTA	7/18	7-18-25	Comments:
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	
2.			
RELINQUISHED BY SAMPLER:	DATE/TIME: 7-18-25	RECEIVED BY:	
3.			

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2646	ENVI60	Order Date : 7/18/2025 11:47:00 AM	Project Mgr :
Client Name : Environmental Restoration,		Project Name : North Arlington, NJ	Report Type : NJ Reduced
Client Contact : Steve Motta		Receive DateTime : 7/18/2025 ~~2:00:00~~ PM 12:20:00	EDD Type : Excel NJ
Invoice Name : Environmental Restoration,		Purchase Order :	Hard Copy Date :
Invoice Contact : Steve Motta			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2646-01	FRAC TANK	Water	07/18/2025	09:30	VOC-TCLVOA-10		8260D		10 Bus. Days

Relinquished By :

Date / Time :

[Signature]
7-18-25 1300

Received By :

Date / Time :

[Signature]
07/18/25 13:00 Pg # 5

Storage Area : VOA Refridgerator Room