

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

LAB CHRONICLE

OrderID:	Q2733	OrderDate:	7/30/2025 1:11:00 PM
Client:	ENTACT	Project:	540 Degraw St, Brooklyn, NY - E9309
Contact:	Austin Farmerie	Location:	O11,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2733-01	TW-WTS-12	Water	SVOCMS Group4	8270E	07/30/25	08/01/25	08/01/25	07/30/25



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

Hit Summary Sheet
SW-846

SDG No.: Q2733
Client: ENTACT

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :				0.000				
Total Svoc :					0.00			
Total Concentration:					0.00			



QC SUMMARY

Surrogate Summary

SW-846

SDG No.: Q2733

Client: ENTACT

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB169087BL	PB169087BL	2-Fluorophenol	150	110	73		15 (23)	110 (138)
		Phenol-d6	150	124	83		15 (10)	110 (134)
		Nitrobenzene-d5	100	79.7	80		30 (67)	130 (132)
		2-Fluorobiphenyl	100	76.5	76		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	131	87		15 (44)	110 (137)
		Terphenyl-d14	100	84.3	84		30 (42)	130 (152)
PB169087BS	PB169087BS	2-Fluorophenol	150	120	80		15 (23)	110 (138)
		Phenol-d6	150	122	81		15 (10)	110 (134)
		Nitrobenzene-d5	100	78.2	78		30 (67)	130 (132)
		2-Fluorobiphenyl	100	82.8	83		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	138	92		15 (44)	110 (137)
		Terphenyl-d14	100	88.6	89		30 (42)	130 (152)
PB169087BSD	PB169087BSD	2-Fluorophenol	150	131	87		15 (23)	110 (138)
		Phenol-d6	150	129	86		15 (10)	110 (134)
		Nitrobenzene-d5	100	84.9	85		30 (67)	130 (132)
		2-Fluorobiphenyl	100	81.8	82		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	135	90		15 (44)	110 (137)
		Terphenyl-d14	100	100	100		30 (42)	130 (152)
Q2733-01	TW-WTS-12	2-Fluorophenol	150	57.3	38		15 (23)	110 (138)
		Phenol-d6	150	42.8	29		15 (10)	110 (134)
		Nitrobenzene-d5	100	82.2	82		30 (67)	130 (132)
		2-Fluorobiphenyl	100	72.8	73		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	109	72		15 (44)	110 (137)
		Terphenyl-d14	100	68.9	69		30 (42)	130 (152)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2733

Analytical Method: 8270E

Client: ENTACT

DataFile: BF143281.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB169087BS	Phenol	50	44.0	ug/L	88				20 (66)	160 (118)	
	1,4-Dichlorobenzene	50	43.6	ug/L	87				70 (76)	130 (103)	
	1,2,4-Trichlorobenzene	50	45.1	ug/L	90				70 (41)	130 (115)	
	Naphthalene	50	44.9	ug/L	90				70 (64)	130 (107)	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2733

Analytical Method: 8270E

Client: ENTACT

DataFile: BF143282.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		
								Qual	Low	High	RPD
PB169087BSD	Phenol	50	46.2	ug/L	92	5			20 (66)	160 (118)	20 (20)
	1,4-Dichlorobenzene	50	43.5	ug/L	87	0			70 (76)	130 (103)	20 (20)
	1,2,4-Trichlorobenzene	50	43.9	ug/L	88	3			70 (41)	130 (115)	20 (20)
	Naphthalene	50	44.6	ug/L	89	1			70 (64)	130 (107)	20 (20)

4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID

PB169087BL

Lab Name: Alliance

Contract: ENTA05

Lab Code: ACE

SDG NO.: Q2733

Lab File ID: BF143283.D

Lab Sample ID: PB169087BL

Instrument ID: BNA_F

Date Extracted: 08/01/2025

Matrix: (soil/water) Water

Date Analyzed: 08/01/2025

Level: (low/med) LOW

Time Analyzed: 15:34

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB169087BS	PB169087BS	BF143281.D	08/01/2025
PB169087BSD	PB169087BSD	BF143282.D	08/01/2025
TW-WTS-12	Q2733-01	BF143284.D	08/01/2025

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: ENTA05
SDG NO.: Q2733
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	27.9
70	Less than 2.0% of mass 69	0.1 (0.5) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.1
365	Greater than 1% of mass 198	2.9
441	Present, but less than mass 443	15.5
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.5 (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: AllianceContract: ENTA05Lab Code: ACESDG NO.: Q2733Lab File ID: BF143273.DDFTPP Injection Date: 08/01/2025Instrument ID: BNA_FDFTPP Injection Time: 10:11

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.6 (2) 1
69	Mass 69 relative abundance	30.3
70	Less than 2.0% of mass 69	0.2 (0.6) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.4
365	Greater than 1% of mass 198	2.9
441	Present, but less than mass 443	15.1
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	BF143274.D	08/01/2025	10:39
PB169087BS	PB169087BS	BF143281.D	08/01/2025	14:37
PB169087BSD	PB169087BSD	BF143282.D	08/01/2025	15:05
PB169087BL	PB169087BL	BF143283.D	08/01/2025	15:34
TW-WTS-12	Q2733-01	BF143284.D	08/01/2025	16:03

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q2733

Client ID : SSTDCCC040

Date Analyzed: 08/01/2025

Lab File ID: BF143274.D

Time Analyzed: 10:39

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	119884	6.963	454267	8.25	232541	10.00
UPPER LIMIT	239768	7.463	908534	8.745	465082	10.504
LOWER LIMIT	59942	6.463	227134	7.745	116271	9.504
EPA SAMPLE NO.						
01 PB169087BL	122064	6.96	445180	8.24	235574	9.99
02 PB169087BS	111937	6.96	478481	8.25	196679	10.00
03 PB169087BSD	107274	6.96	412890	8.24	188744	10.00
04 TW-WTS-12	122249	6.96	426505	8.24	225540	9.99

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.: Q2733

Client ID: SSTDCCC040

Date Analyzed: 08/01/2025

Lab File ID: BF143274.D

Time Analyzed: 10:39

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	377334	11.486	218710	14.127	248884	15.633
UPPER LIMIT	754668	11.986	437420	14.627	497768	16.133
LOWER LIMIT	188667	10.986	109355	13.627	124442	15.133
EPA SAMPLE NO.						
01 PB169087BL	350199	11.48	197500	14.12	205940	15.63
02 PB169087BS	332732	11.49	185103	14.13	196335	15.63
03 PB169087BSD	317992	11.49	191263	14.13	198657	15.63
04 TW-WTS-12	312346	11.48	219450	14.12	208089	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:	ENTACT	Date Collected:	07/30/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	07/30/25
Client Sample ID:	TW-WTS-12	SDG No.:	Q2733
Lab Sample ID:	Q2733-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group4
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
BF143284.D	1	08/01/25 08:48	08/01/25 16:03	PB169087

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
108-95-2	Phenol	0.93	U	0.93	5.10	ug/L
106-46-7	1,4-Dichlorobenzene	0.54	U	0.54	5.10	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.55	U	0.55	5.10	ug/L
91-20-3	Naphthalene	0.51	U	0.51	5.10	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	57.3		15 (23) - 110 (138)	38%	SPK: 150
13127-88-3	Phenol-d6	42.8		15 (10) - 110 (134)	29%	SPK: 150
4165-60-0	Nitrobenzene-d5	82.2		30 (67) - 130 (132)	82%	SPK: 100
321-60-8	2-Fluorobiphenyl	72.8		30 (52) - 130 (132)	73%	SPK: 100
118-79-6	2,4,6-Tribromophenol	109		15 (44) - 110 (137)	72%	SPK: 150
1718-51-0	Terphenyl-d14	68.9		30 (42) - 130 (152)	69%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	122000	6.957			
1146-65-2	Naphthalene-d8	427000	8.239			
15067-26-2	Acenaphthene-d10	226000	9.992			
1517-22-2	Phenanthrene-d10	312000	11.48			
1719-03-5	Chrysene-d12	219000	14.121			
1520-96-3	Perylene-d12	208000	15.627			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080125\
Data File : BF143284.D
Acq On : 01 Aug 2025 16:03
Operator : RC/JU
Sample : Q2733-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TW-WTS-12

Quant Time: Aug 01 16:24:59 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	6.957	152	122249	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	426505	20.000	ng	0.00
39) Acenaphthene-d10	9.992	164	225540	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	312346	20.000	ng	0.00
76) Chrysene-d12	14.121	240	219450	20.000	ng	0.00
86) Perylene-d12	15.627	264	208089	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	442642	57.298	ng	0.00
7) Phenol-d6	6.581	99	415801	42.762	ng	0.00
23) Nitrobenzene-d5	7.516	82	703460	82.216	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	252838	108.516	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1200732	72.810	ng	0.00
79) Terphenyl-d14	13.069	244	1016146	68.906	ng	0.00

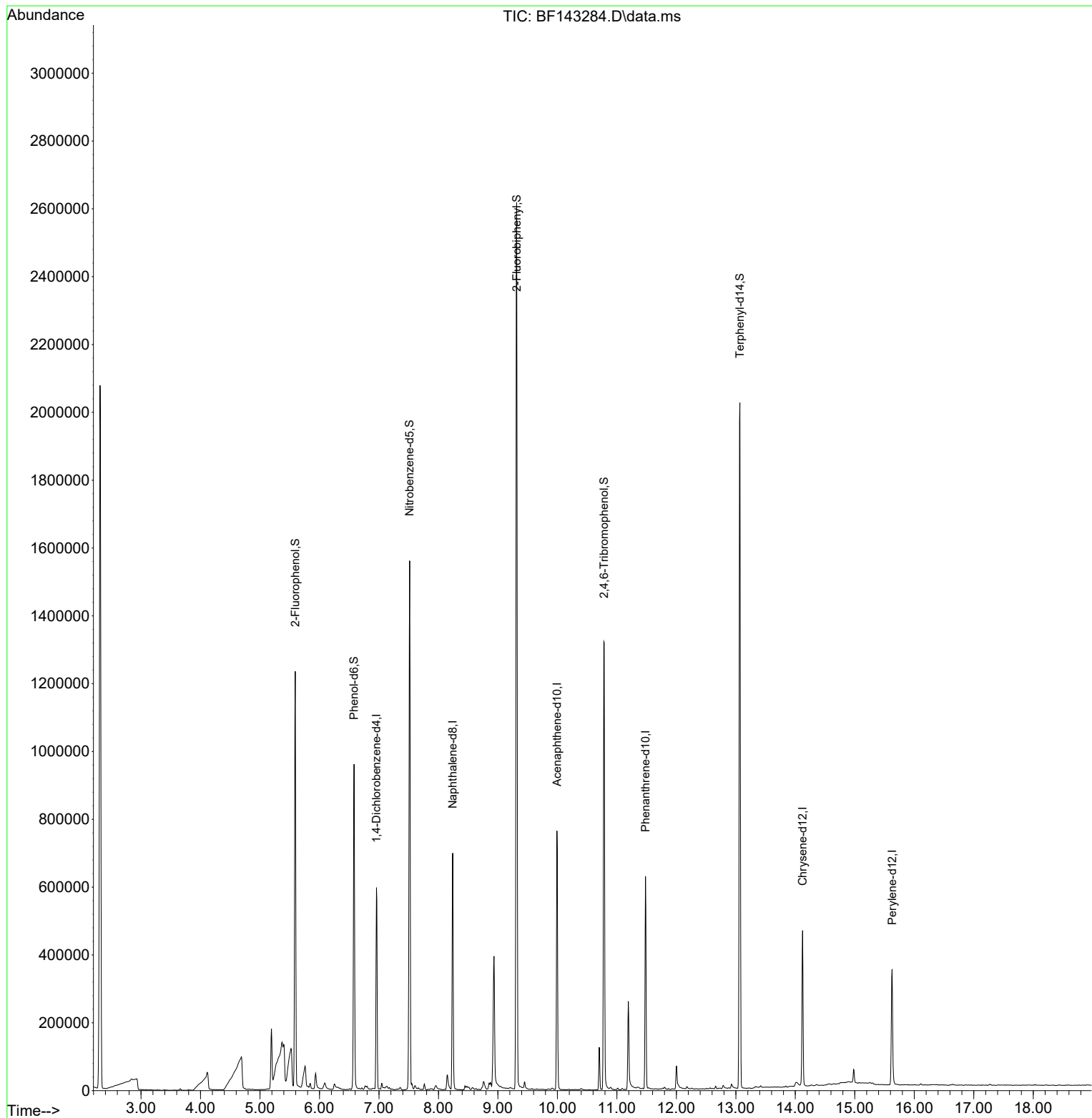
Target Compounds	Qvalue

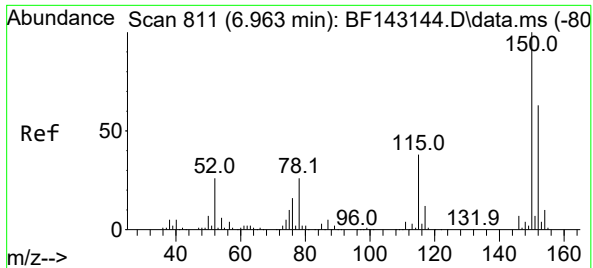
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080125\
Data File : BF143284.D
Acq On : 01 Aug 2025 16:03
Operator : RC/JU
Sample : Q2733-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TW-WTS-12

Quant Time: Aug 01 16:24:59 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

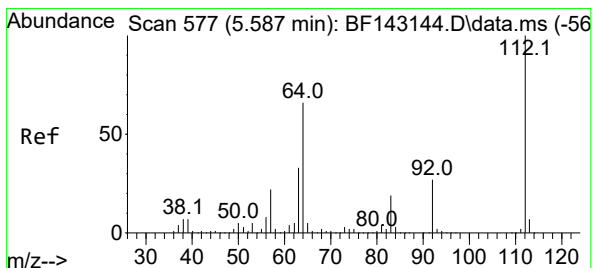
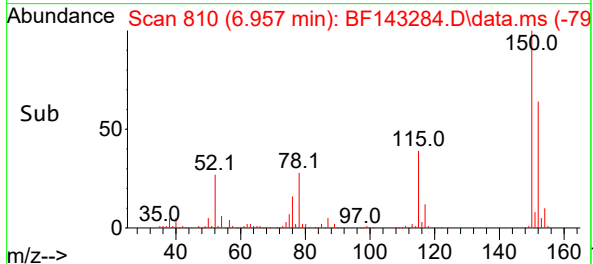
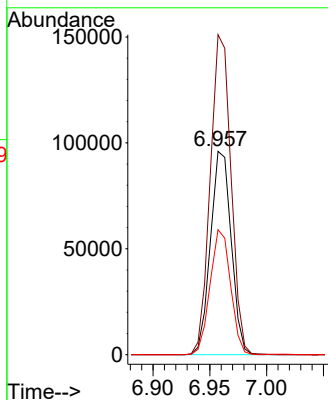
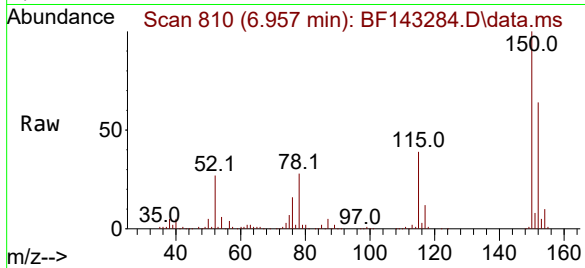




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF143284.D
Acq: 01 Aug 2025 16:03

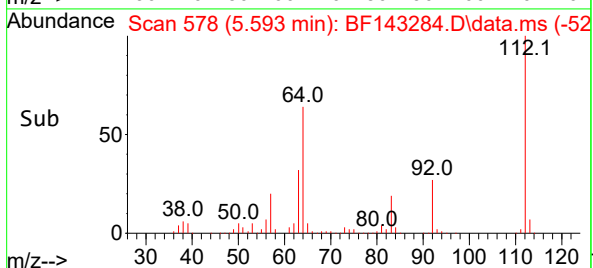
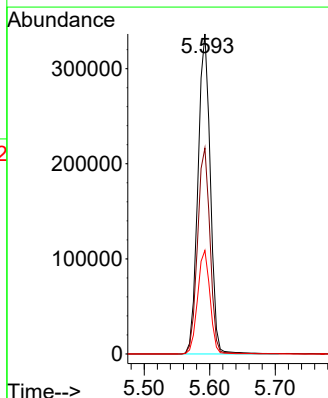
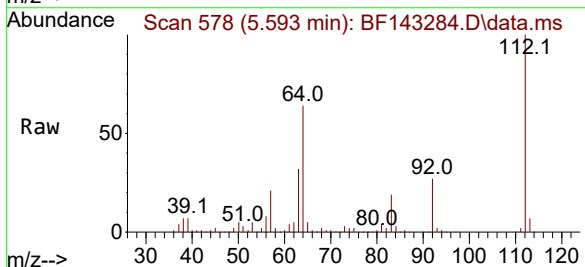
Instrument :
BNA_F
ClientSampleId :
TW-WTS-12

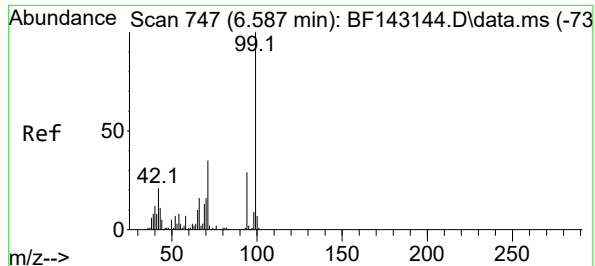
Tgt Ion:152 Resp: 122249
Ion Ratio Lower Upper
152 100
150 157.3 128.2 192.4
115 61.4 47.9 71.9



#5
2-Fluorophenol
Concen: 57.298 ng
RT: 5.593 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF143284.D
Acq: 01 Aug 2025 16:03

Tgt Ion:112 Resp: 442642
Ion Ratio Lower Upper
112 100
64 64.4 53.1 79.7
63 32.3 26.6 40.0

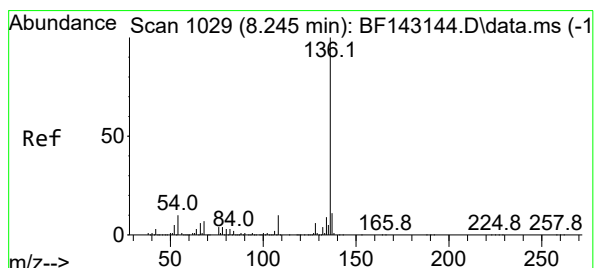
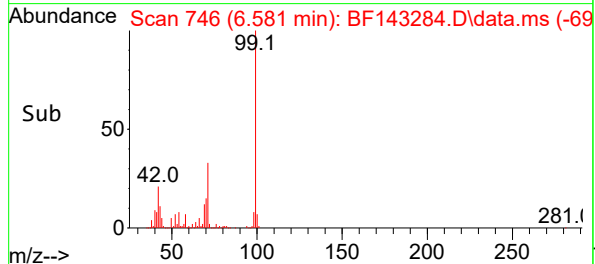
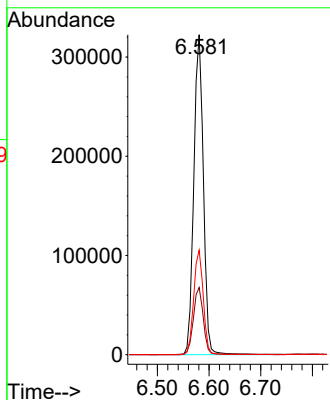
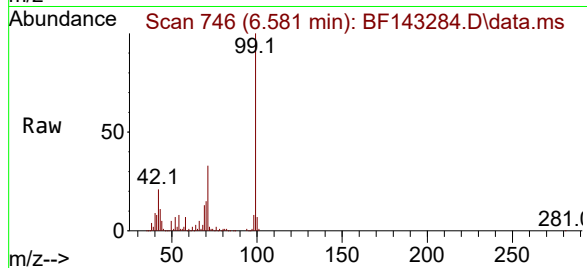




#7
Phenol-d6
Concen: 42.762 ng
RT: 6.581 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF143284.D
Acq: 01 Aug 2025 16:03

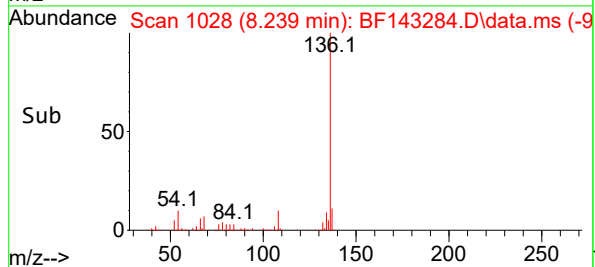
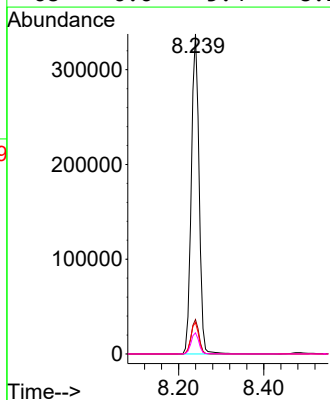
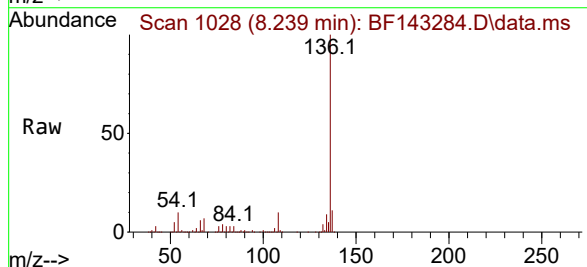
Instrument :
BNA_F
ClientSampleId :
TW-WTS-12

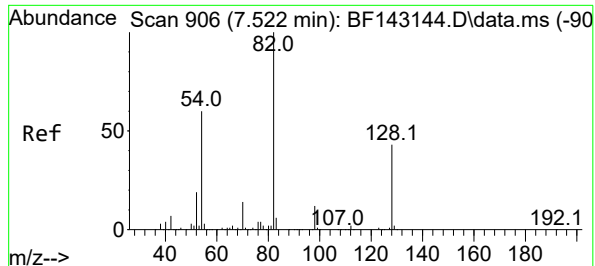
Tgt Ion: 99 Resp: 415801
Ion Ratio Lower Upper
99 100
42 21.0 17.0 25.6
71 32.6 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF143284.D
Acq: 01 Aug 2025 16:03

Tgt Ion: 136 Resp: 426505
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 9.8 8.2 12.2
68 6.6 5.4 8.2





#23

Nitrobenzene-d5

Concen: 82.216 ng

RT: 7.516 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF143284.D

Acq: 01 Aug 2025 16:03

Instrument :

BNA_F

ClientSampleId :

TW-WTS-12

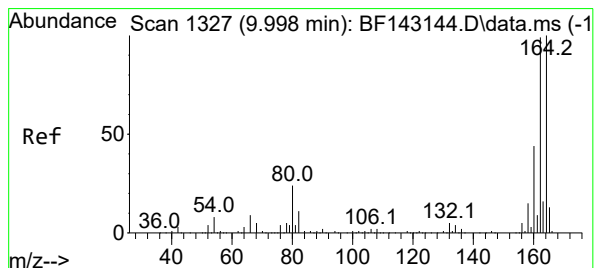
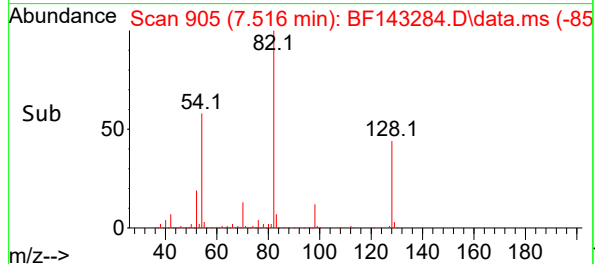
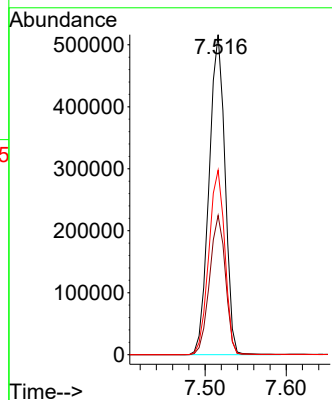
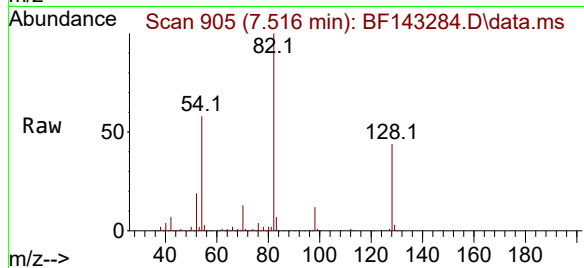
Tgt Ion: 82 Resp: 703460

Ion Ratio Lower Upper

82 100

128 43.5 33.6 50.4

54 57.6 47.1 70.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.992 min Scan# 1326

Delta R.T. -0.006 min

Lab File: BF143284.D

Acq: 01 Aug 2025 16:03

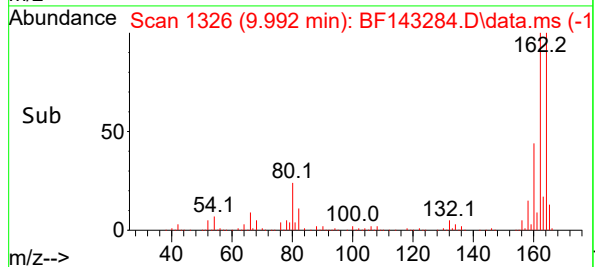
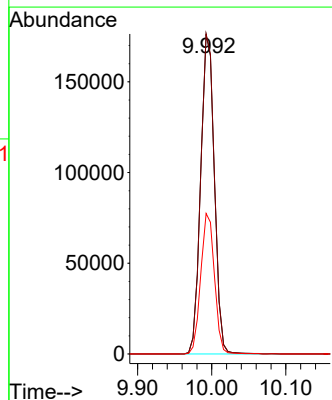
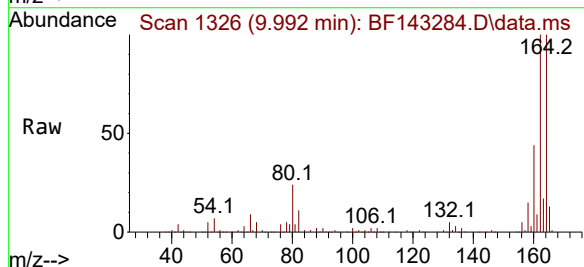
Tgt Ion: 164 Resp: 225540

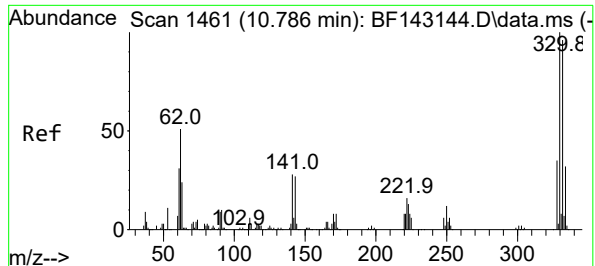
Ion Ratio Lower Upper

164 100

162 100.2 79.0 118.6

160 44.0 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 108.516 ng

RT: 10.786 min Scan# 1461

Delta R.T. 0.000 min

Lab File: BF143284.D

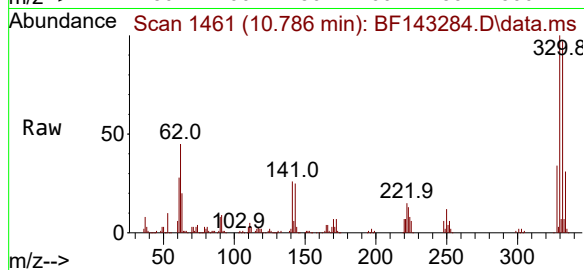
Acq: 01 Aug 2025 16:03

Instrument :

BNA_F

ClientSampleId :

TW-WTS-12



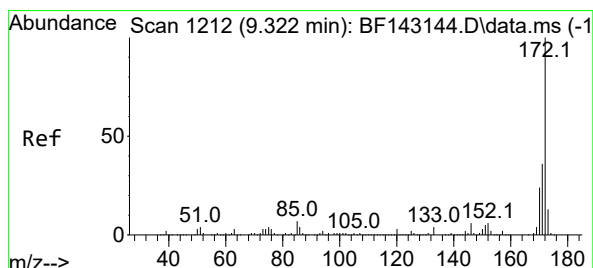
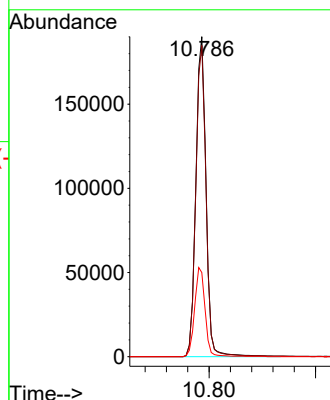
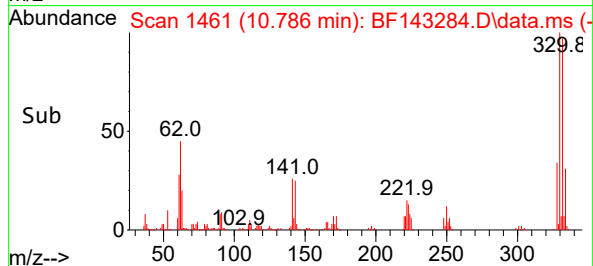
Tgt Ion:330 Resp: 252838

Ion Ratio Lower Upper

330 100

332 97.4 76.7 115.1

141 28.6 23.3 34.9



#45

2-Fluorobiphenyl

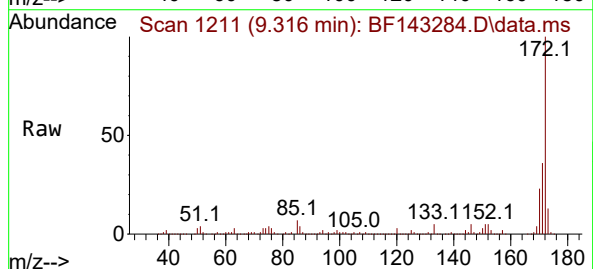
Concen: 72.810 ng

RT: 9.316 min Scan# 1211

Delta R.T. -0.006 min

Lab File: BF143284.D

Acq: 01 Aug 2025 16:03



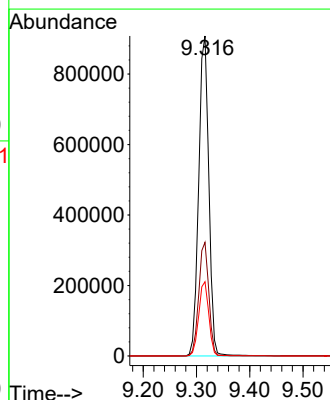
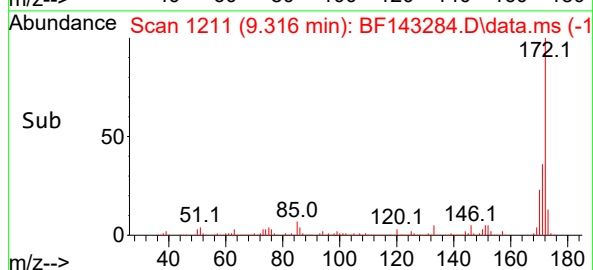
Tgt Ion:172 Resp: 1200732

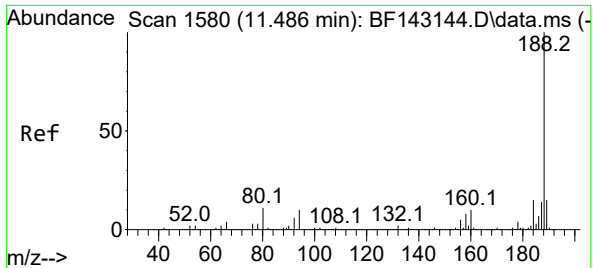
Ion Ratio Lower Upper

172 100

171 35.5 28.6 42.8

170 23.2 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.480 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143284.D

Acq: 01 Aug 2025 16:03

Instrument :

BNA_F

ClientSampleId :

TW-WTS-12

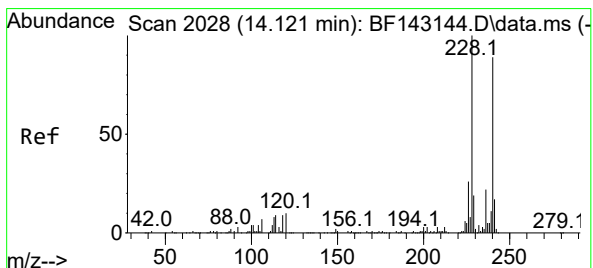
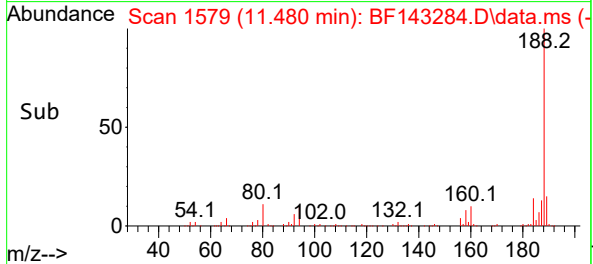
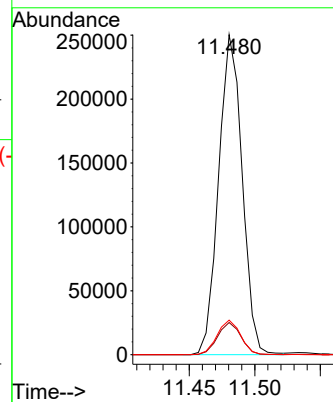
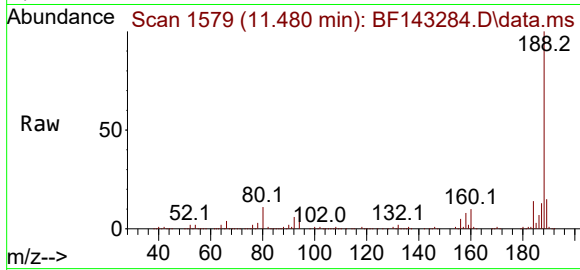
Tgt Ion:188 Resp: 312346

Ion Ratio Lower Upper

188 100

94 10.0 8.3 12.5

80 10.8 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: BF143284.D

Acq: 01 Aug 2025 16:03

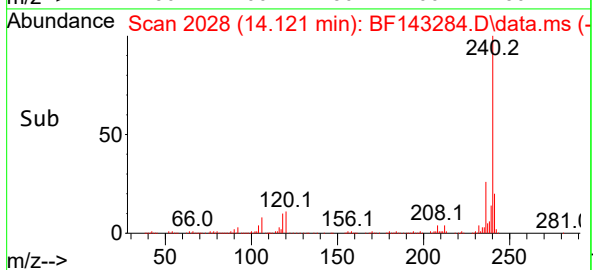
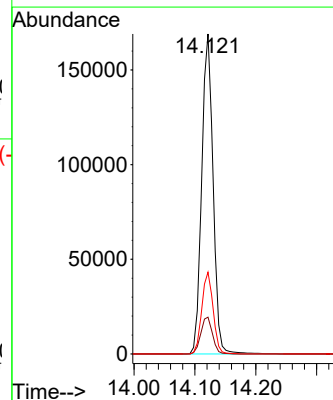
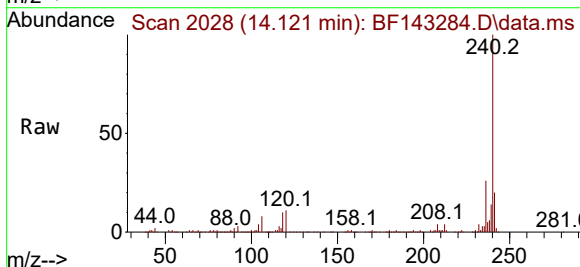
Tgt Ion:240 Resp: 219450

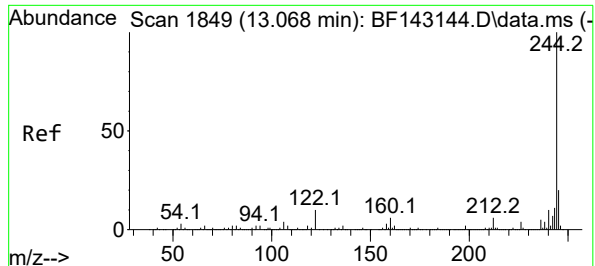
Ion Ratio Lower Upper

240 100

120 11.5 9.4 14.2

236 25.6 20.2 30.4





#79

Terphenyl-d14

Concen: 68.906 ng

RT: 13.069 min Scan# 1849

Delta R.T. 0.000 min

Lab File: BF143284.D

Acq: 01 Aug 2025 16:03

Instrument :

BNA_F

ClientSampleId :

TW-WTS-12

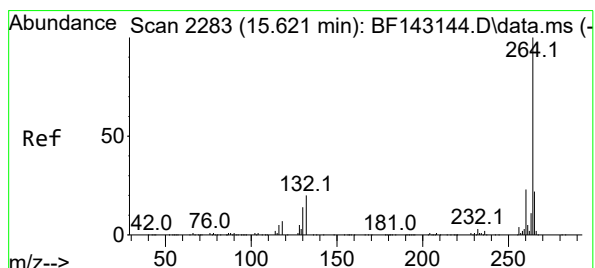
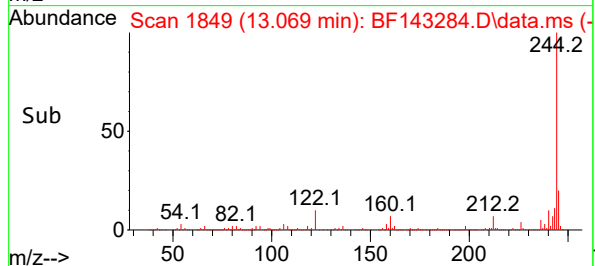
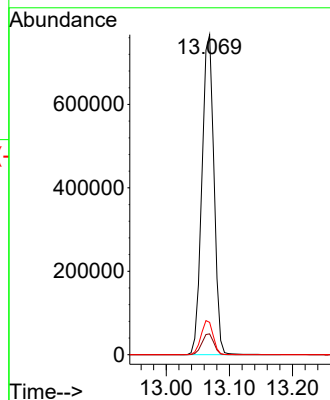
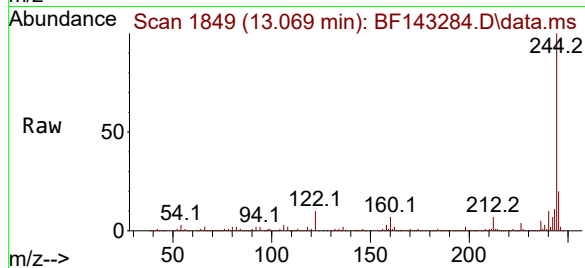
Tgt Ion:244 Resp: 1016146

Ion Ratio Lower Upper

244 100

212 6.5 5.2 7.8

122 10.1 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: BF143284.D

Acq: 01 Aug 2025 16:03

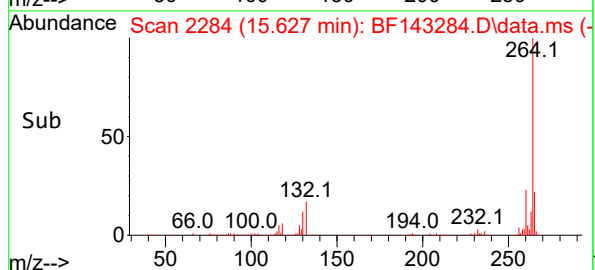
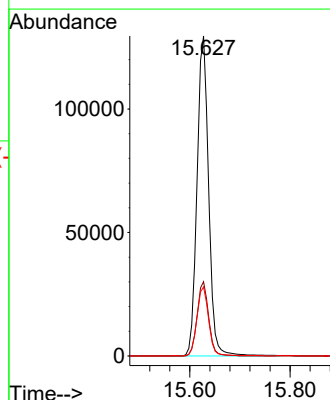
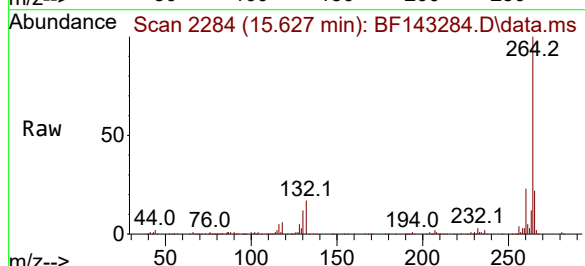
Tgt Ion:264 Resp: 208089

Ion Ratio Lower Upper

264 100

260 23.2 18.5 27.7

265 21.5 17.4 26.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080125\
 Data File : BF143284.D
 Acq On : 01 Aug 2025 16:03
 Operator : RC/JU
 Sample : Q2733-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-WTS-12

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

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

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143284.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.310	12	20	29	rVB	2072497	3425335	99.25%	13.328%
2	4.110	284	326	339	rBV2	52659	368341	10.67%	1.433%
3	4.687	372	424	432	rBV	97415	900987	26.11%	3.506%
4	5.193	503	510	514	rBV	177695	269703	7.81%	1.049%
5	5.369	514	540	543	rBV	111295	619918	17.96%	2.412%
6	5.522	551	566	572	rVB2	109606	440017	12.75%	1.712%
7	5.593	572	578	594	rVB	1226369	1618377	46.89%	6.297%
8	5.757	594	606	612	rBV	62167	175030	5.07%	0.681%
9	5.934	631	636	649	rBV	44719	76220	2.21%	0.297%
10	6.087	654	662	684	rVB2	18881	55795	1.62%	0.217%
11	6.251	684	690	698	rBV2	15807	37794	1.10%	0.147%
12	6.581	738	746	759	rBV	959079	1310807	37.98%	5.101%
13	6.957	805	810	816	rVB	593237	742701	21.52%	2.890%
14	7.516	891	905	910	rBV	1560148	2157309	62.51%	8.394%
15	7.957	974	980	999	rVB4	12402	37889	1.10%	0.147%
16	8.151	1008	1013	1023	rBV	43000	85205	2.47%	0.332%
17	8.239	1023	1028	1043	rVB	697445	892442	25.86%	3.473%
18	8.763	1107	1117	1125	rBV	23809	61816	1.79%	0.241%
19	8.934	1139	1146	1163	rVB	385535	695325	20.15%	2.706%
20	9.316	1205	1211	1216	rBV	2612784	3451290	100.00%	13.429%
21	9.445	1229	1233	1246	rVB2	21586	39485	1.14%	0.154%
22	9.992	1321	1326	1339	rVB	763044	975692	28.27%	3.797%
23	10.704	1442	1447	1452	rBV	125520	151798	4.40%	0.591%
24	10.781	1455	1460	1475	rBV	1320134	1837334	53.24%	7.149%
25	11.192	1524	1530	1549	rBV	260115	414915	12.02%	1.614%
26	11.480	1574	1579	1586	rBV	626307	781373	22.64%	3.040%
27	12.004	1662	1668	1684	rBV2	67706	129124	3.74%	0.502%
28	13.069	1843	1849	1854	rBV	2020775	2695982	78.12%	10.490%
29	14.016	2004	2010	2020	rBV6	12083	43531	1.26%	0.169%
30	14.121	2022	2028	2039	rVB	458556	601325	17.42%	2.340%
31	14.980	2170	2174	2187	rVB	40498	63173	1.83%	0.246%
32	15.627	2277	2284	2295	rBV	340903	543503	15.75%	2.115%

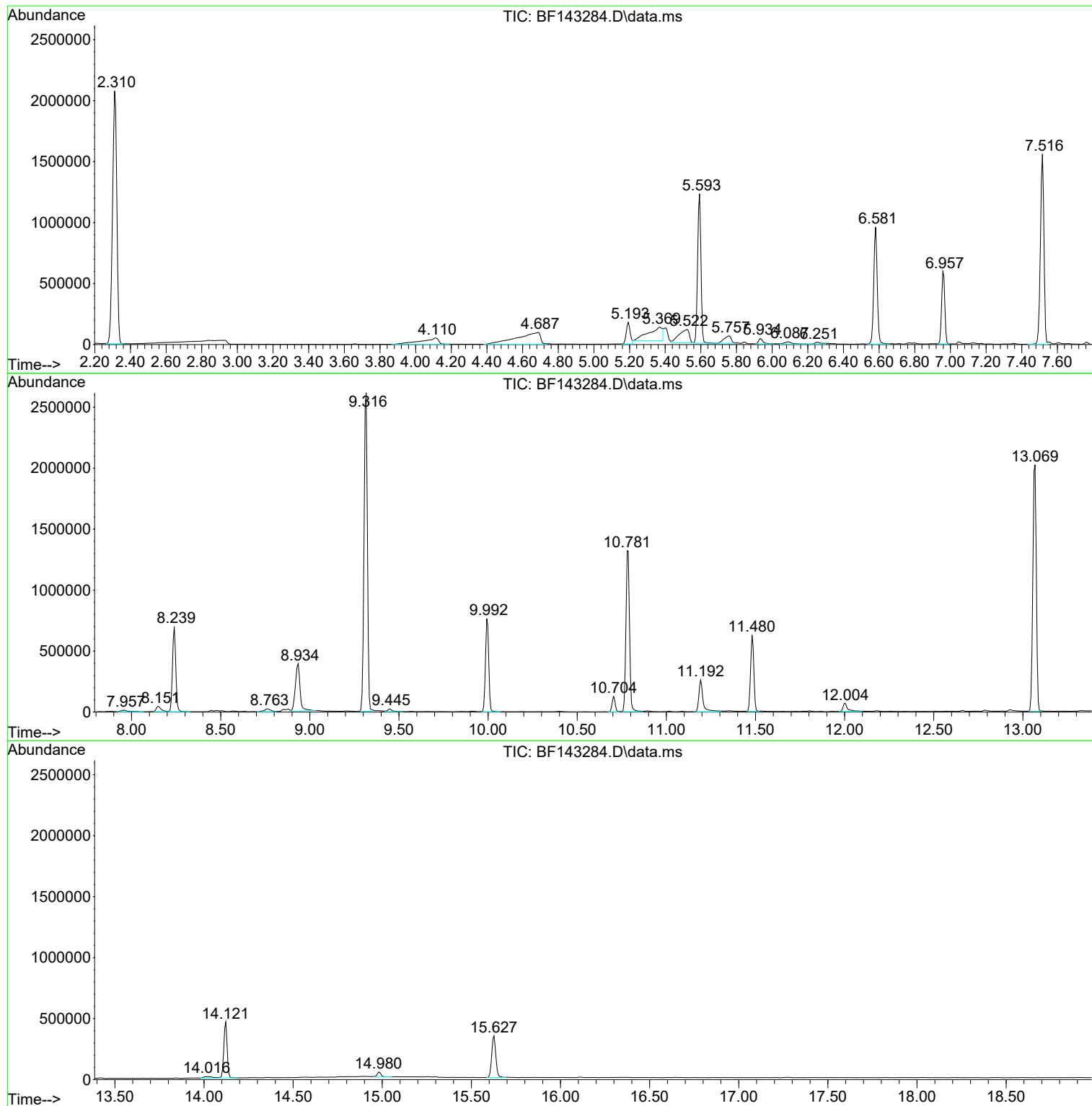
Sum of corrected areas: 25699536

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080125\
Data File : BF143284.D
Acq On : 01 Aug 2025 16:03
Operator : RC/JU
Sample : Q2733-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TW-WTS-12

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

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080125\
Data File : BF143284.D
Acq On : 01 Aug 2025 16:03
Operator : RC/JU
Sample : Q2733-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TW-WTS-12

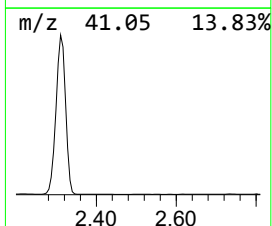
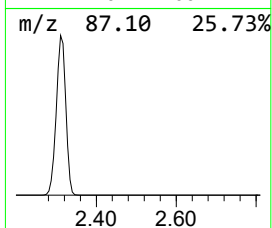
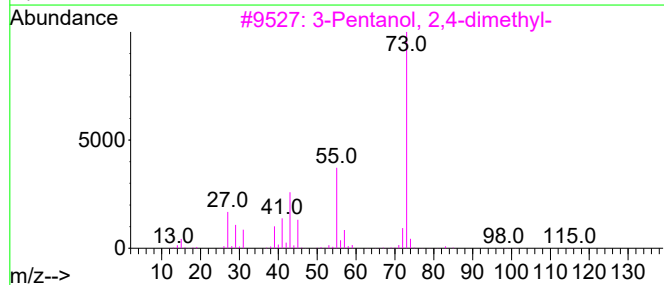
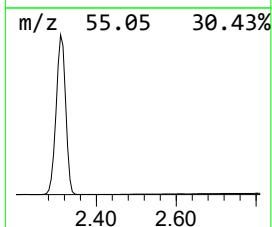
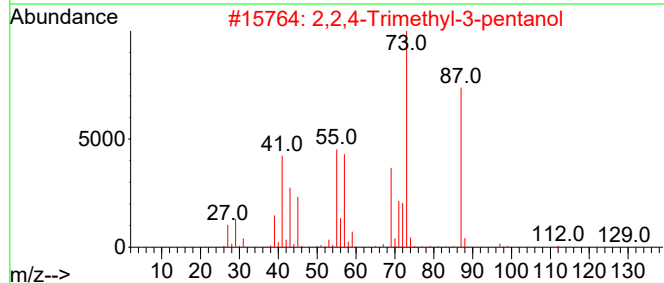
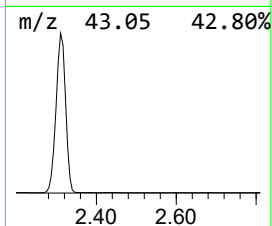
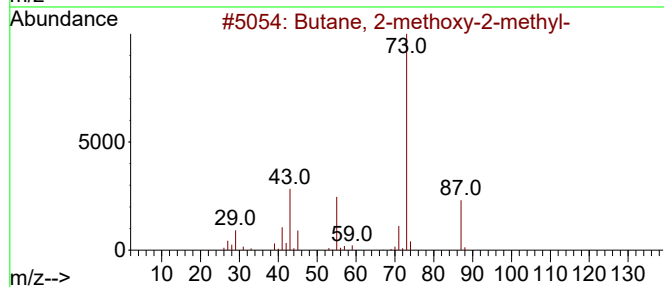
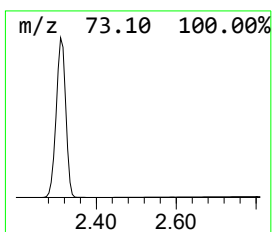
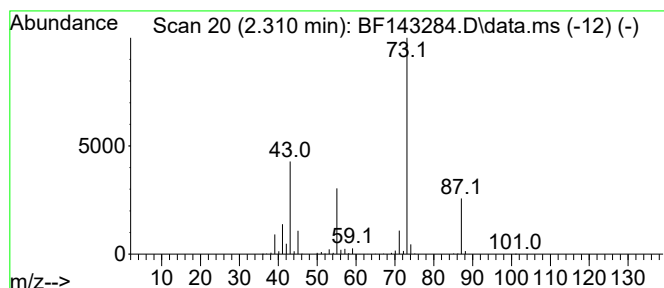
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.310	92.24 ng	3425340	1,4-Dichlorobenzene-d4	6.957

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3			3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
4			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5			Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	17



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080125\
Data File : BF143284.D
Acq On : 01 Aug 2025 16:03
Operator : RC/JU
Sample : Q2733-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TW-WTS-12

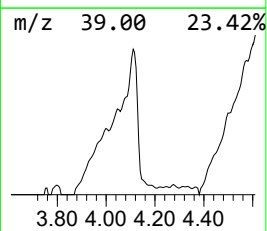
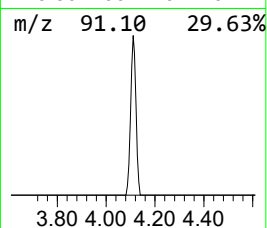
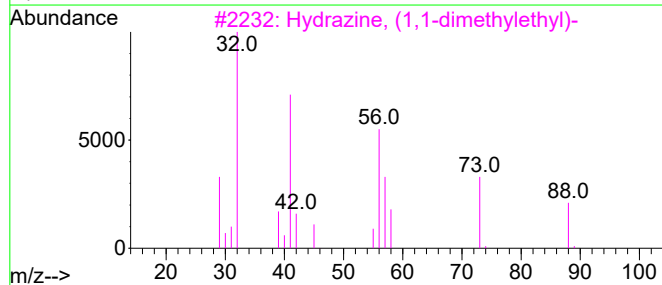
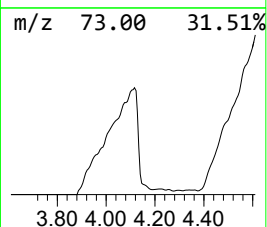
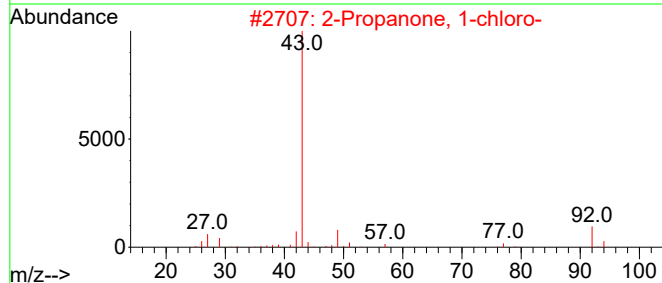
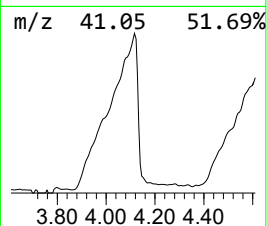
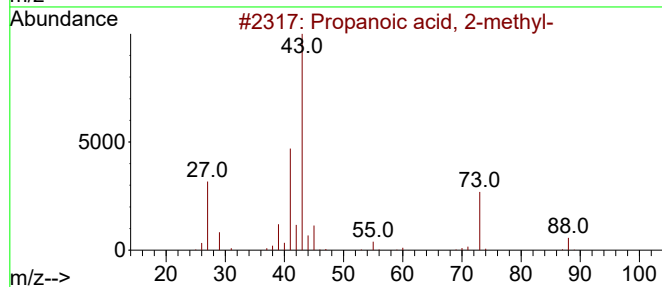
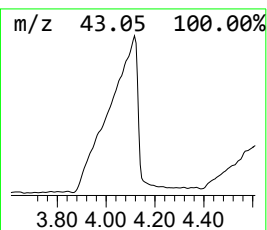
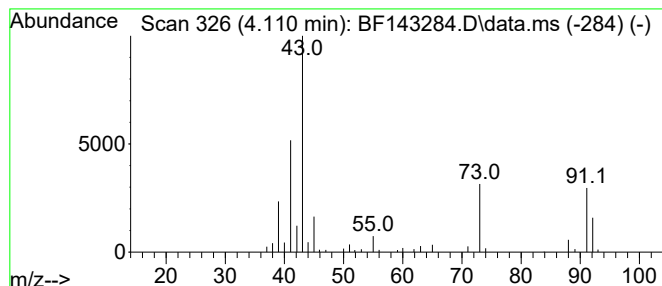
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Propanoic acid, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.110	9.92 ng	368341	1,4-Dichlorobenzene-d4	6.957

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	68
2		2-Propanone, 1-chloro-	92	C3H5ClO	000078-95-5	25
3		Hydrazine, (1,1-dimethylethyl)-	88	C4H12N2	032064-67-8	17
4		Propane, 2-nitro-	89	C3H7NO2	000079-46-9	10
5		Butanenitrile, 3-methyl-	83	C5H9N	000625-28-5	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080125\
Data File : BF143284.D
Acq On : 01 Aug 2025 16:03
Operator : RC/JU
Sample : Q2733-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TW-WTS-12

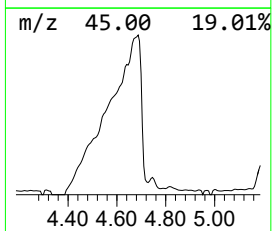
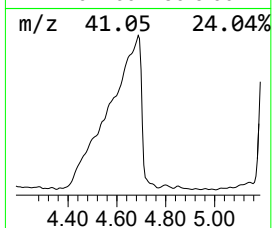
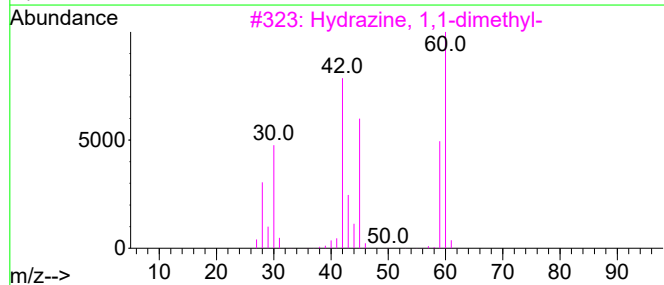
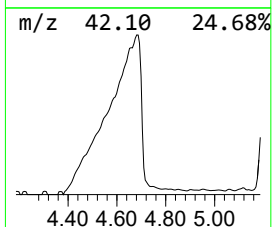
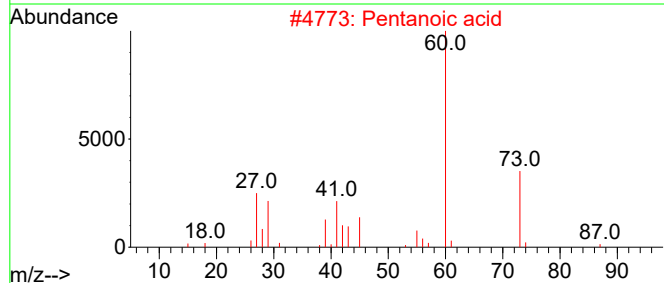
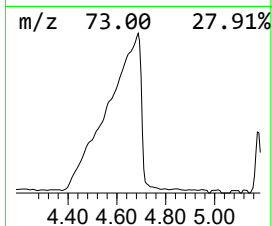
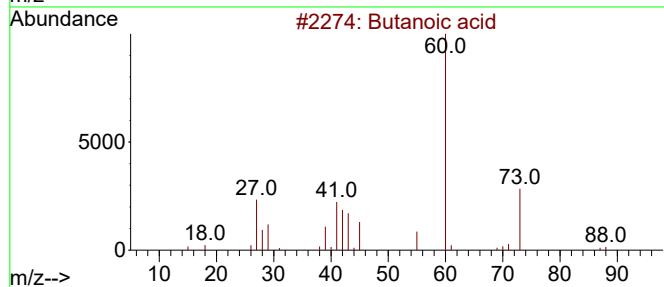
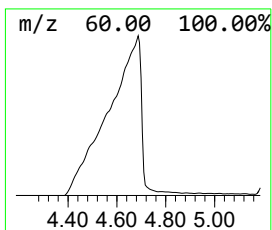
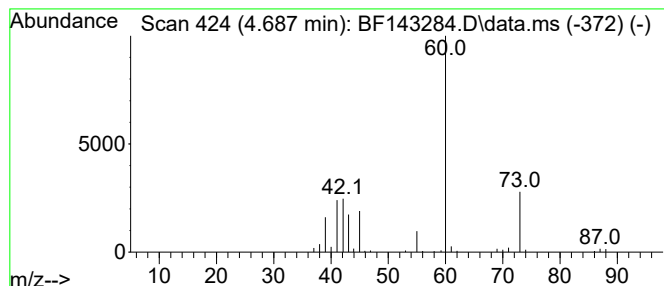
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Butanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.687	24.26 ng	900987	1,4-Dichlorobenzene-d4	6.957

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butanoic acid	88	C4H8O2	000107-92-6	90
2			Pentanoic acid	102	C5H10O2	000109-52-4	50
3			Hydrazine, 1,1-dimethyl-	60	C2H8N2	000057-14-7	9
4			Formamidoxime	60	CH4N2O	000624-82-8	9
5			Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080125\
Data File : BF143284.D
Acq On : 01 Aug 2025 16:03
Operator : RC/JU
Sample : Q2733-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TW-WTS-12

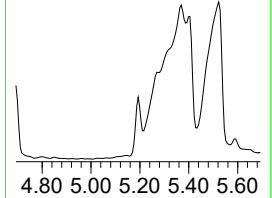
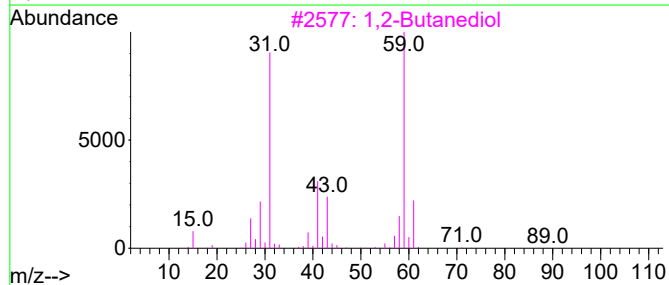
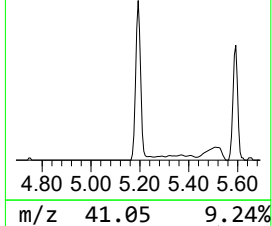
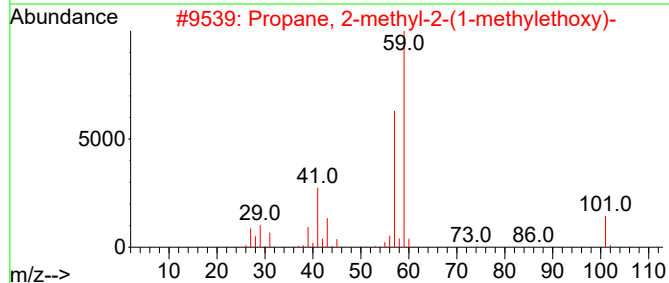
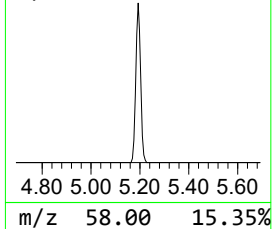
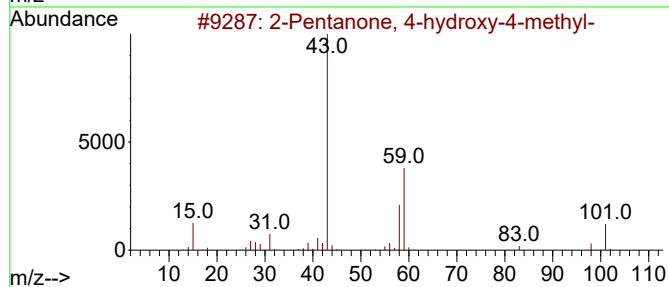
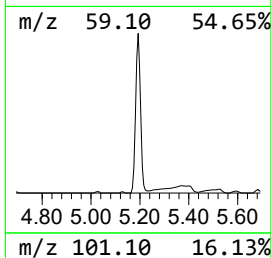
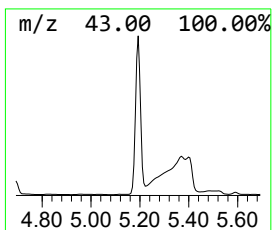
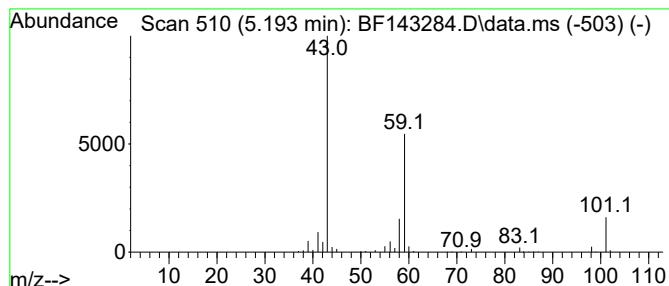
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.193	7.26 ng	269703	1,4-Dichlorobenzene-d4	6.957

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3			1,2-Butanediol	90	C4H10O2	000584-03-2	28
4			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080125\
Data File : BF143284.D
Acq On : 01 Aug 2025 16:03
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Misc :
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Instrument :
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ClientSampleId :
TW-WTS-12

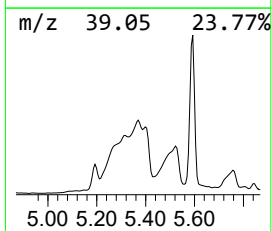
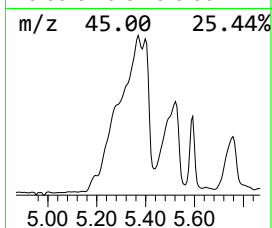
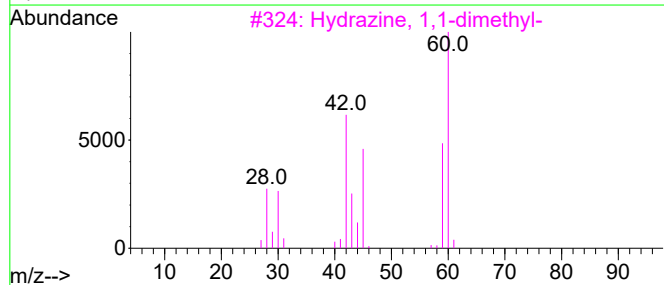
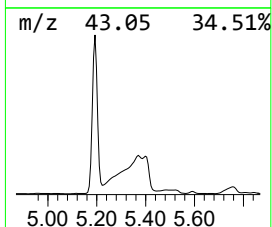
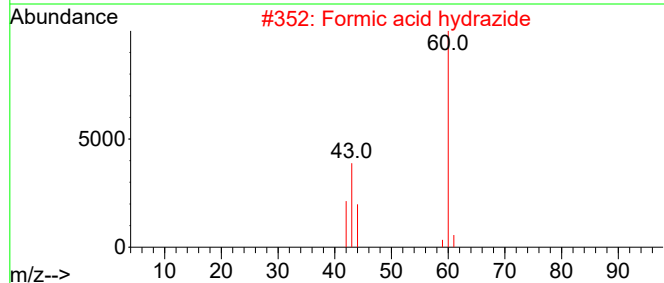
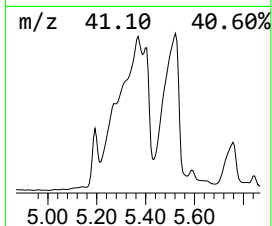
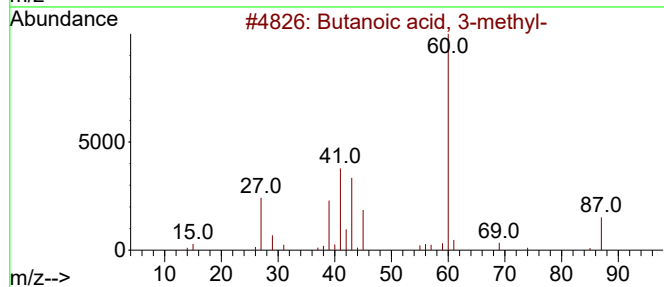
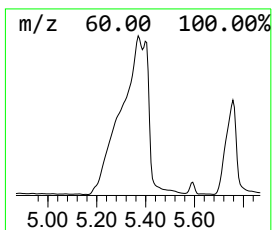
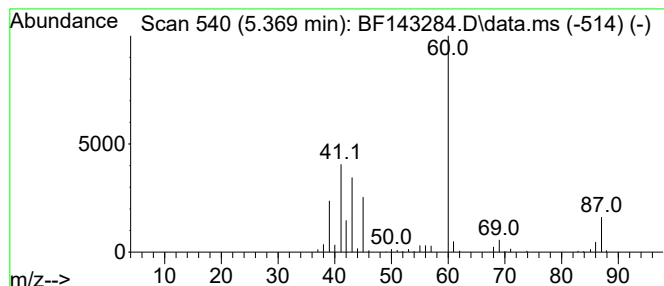
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Butanoic acid, 3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.369	16.69 ng	619918	1,4-Dichlorobenzene-d4	6.957

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	72
2			Formic acid hydrazide	60	CH4N2O	000624-84-0	40
3			Hydrazine, 1,1-dimethyl-	60	C2H8N2	000057-14-7	9
4			1-Pentanamine	87	C5H13N	000110-58-7	9
5			Thiophene, tetrahydro-	88	C4H8S	000110-01-0	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080125\
Data File : BF143284.D
Acq On : 01 Aug 2025 16:03
Operator : RC/JU
Sample : Q2733-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

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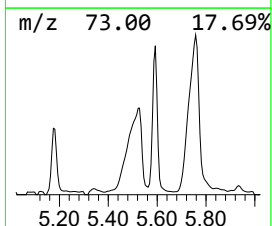
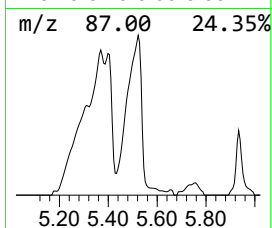
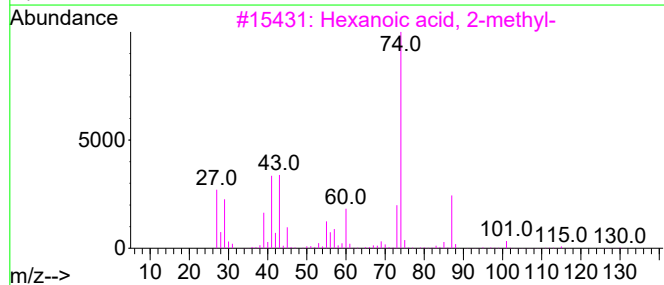
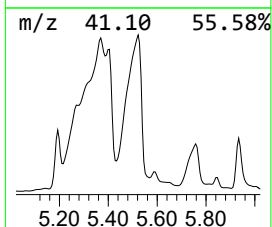
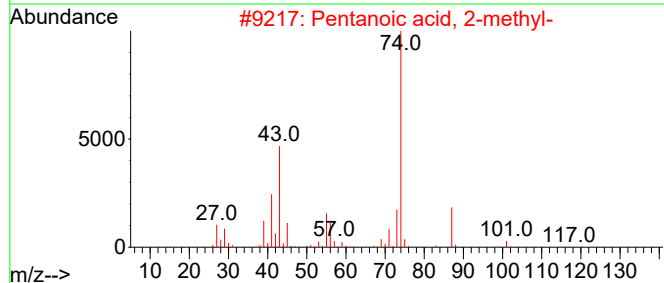
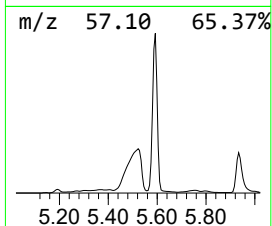
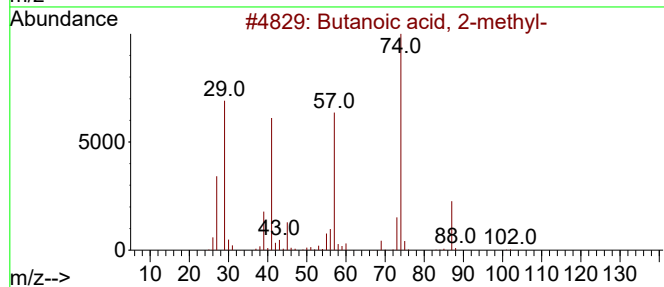
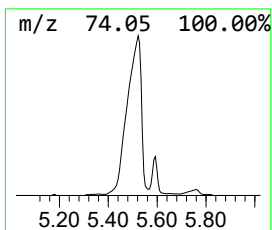
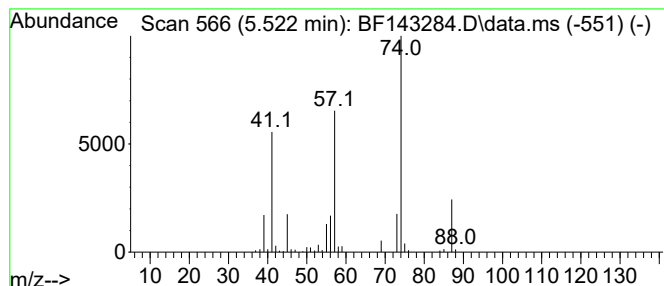
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Butanoic acid, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.522	11.85 ng	440017	1,4-Dichlorobenzene-d4	6.957

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butanoic acid, 2-methyl-	102	C5H10O2	000116-53-0	83
2			Pentanoic acid, 2-methyl-	116	C6H12O2	000097-61-0	72
3			Hexanoic acid, 2-methyl-	130	C7H14O2	004536-23-6	50
4			1-Propanol, 2,2-dimethyl-	88	C5H12O	000075-84-3	10
5			Morpholine	87	C4H9NO	000110-91-8	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080125\
Data File : BF143284.D
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Misc :
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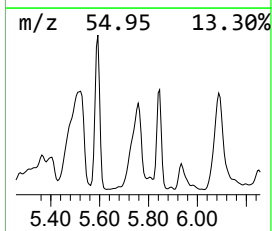
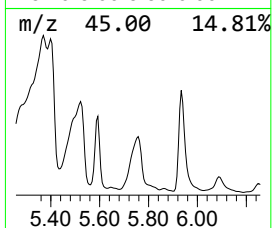
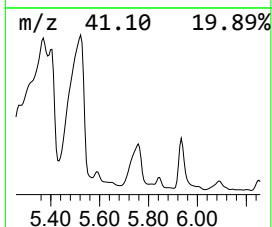
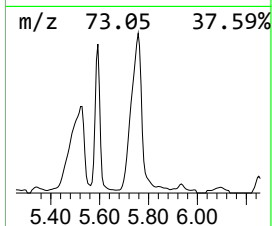
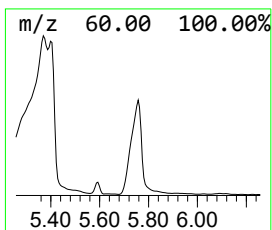
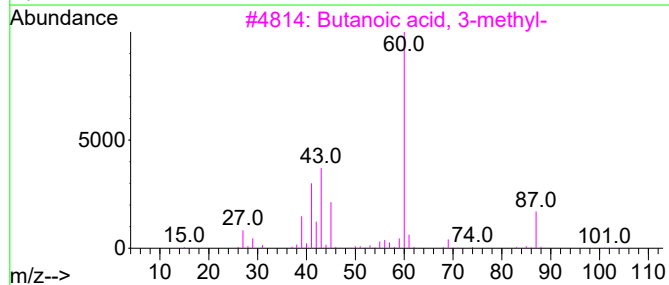
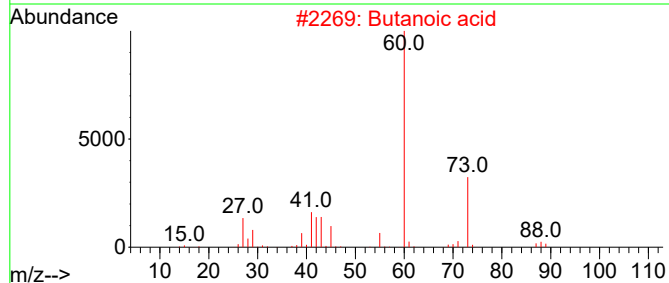
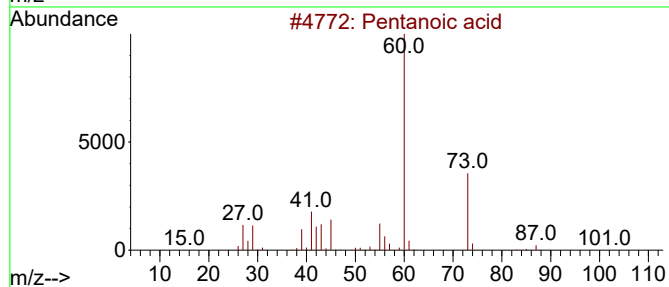
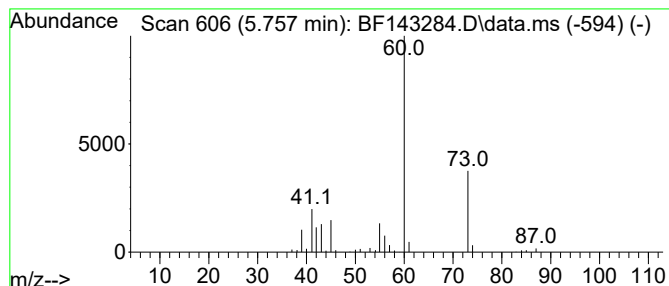
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Pentanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.757	4.71 ng	175030	1,4-Dichlorobenzene-d4	6.957

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentanoic acid	102	C5H10O2	000109-52-4	83
2			Butanoic acid	88	C4H8O2	000107-92-6	78
3			Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	45
4			Hexanoic acid	116	C6H12O2	000142-62-1	43
5			Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	42



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080125\
Data File : BF143284.D
Acq On : 01 Aug 2025 16:03
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Sample : Q2733-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

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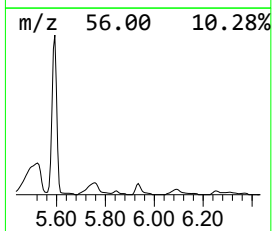
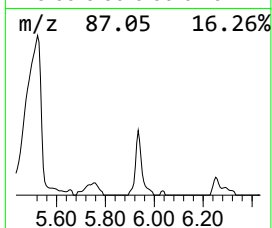
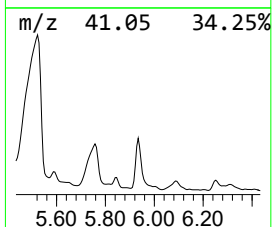
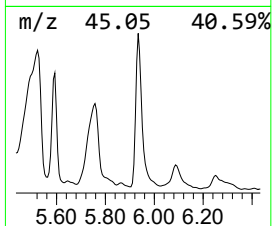
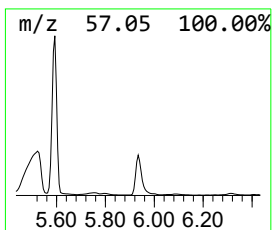
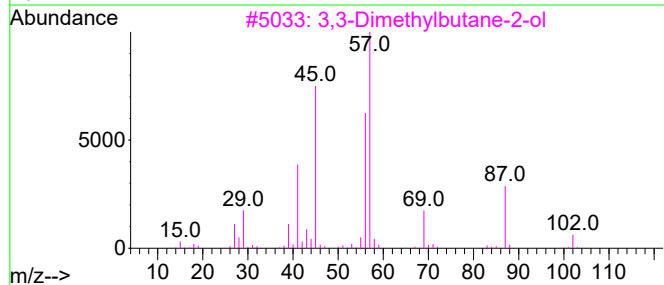
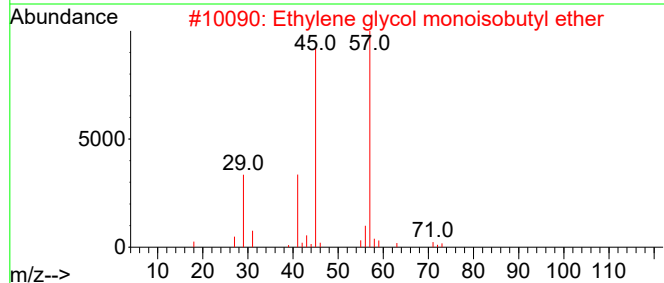
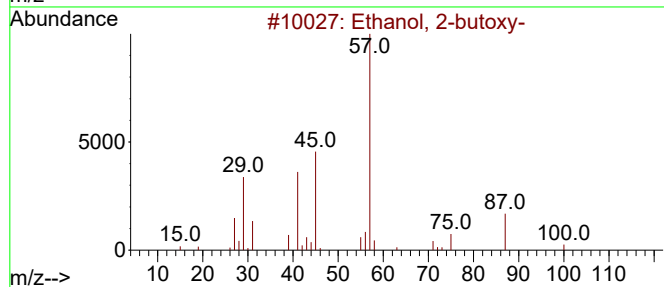
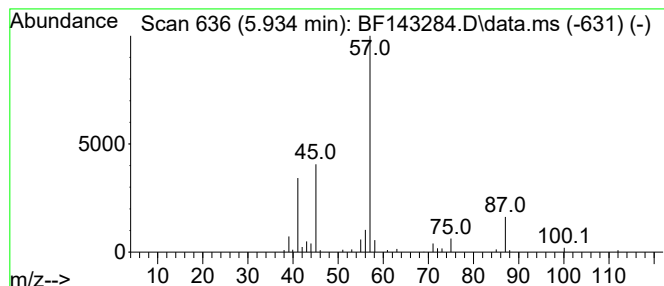
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Ethanol, 2-butoxy- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.934	2.05 ng	76220	1,4-Dichlorobenzene-d4	6.957

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	83
2			Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	45
3			3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	38
4			n-Butyl ether	130	C8H18O	000142-96-1	35
5			Isobutyl ether	130	C8H18O	000628-55-7	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080125\
Data File : BF143284.D
Acq On : 01 Aug 2025 16:03
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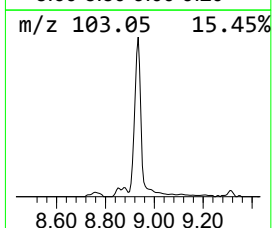
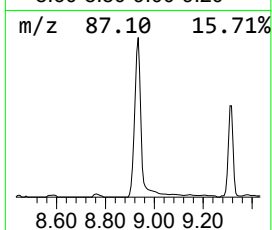
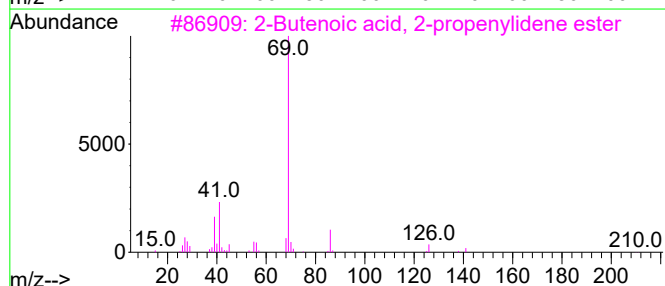
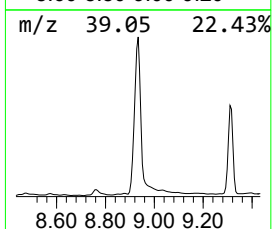
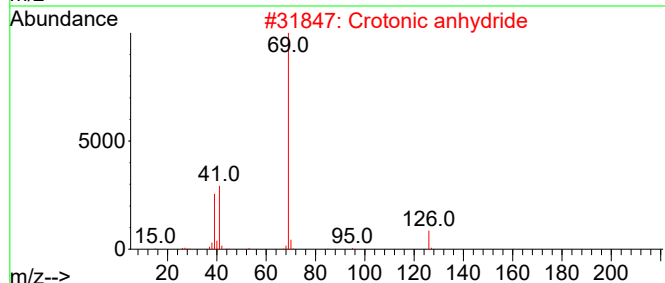
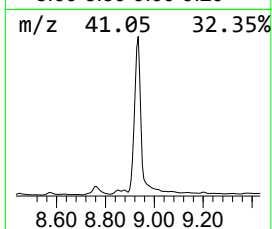
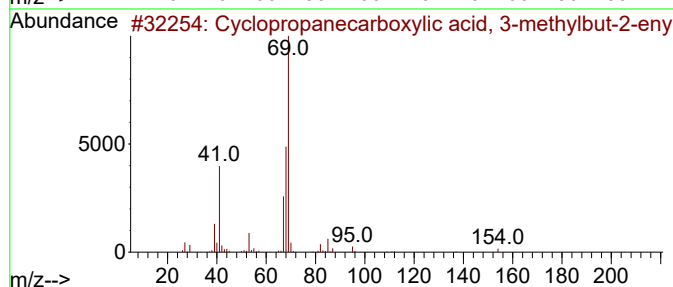
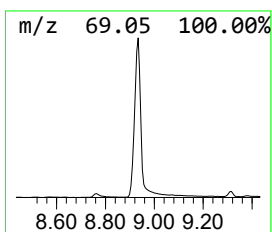
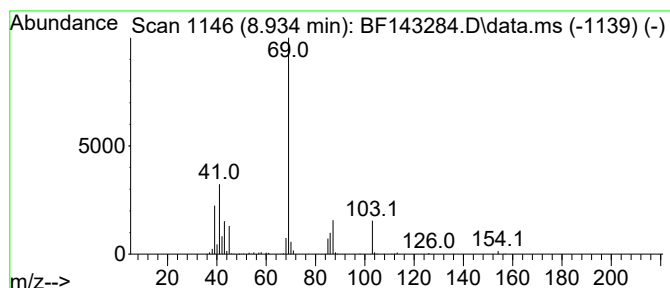
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Cyclopropanecarboxylic acid... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.934	15.58 ng	695325	Naphthalene-d8	8.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopropanecarboxylic acid, 3-m...	154	C9H14O2	1000299-37-4	50
2			Crotonic anhydride	154	C8H10O3	000623-68-7	47
3			2-Butenoic acid, 2-propenylidene...	210	C11H14O4	055030-70-1	45
4			Ethyl cyclopropanecarboxylate	114	C6H10O2	004606-07-9	39
5			1,6-Hexanediamine	116	C6H16N2	000124-09-4	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080125\
Data File : BF143284.D
Acq On : 01 Aug 2025 16:03
Operator : RC/JU
Sample : Q2733-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

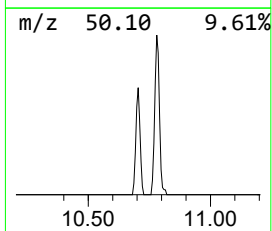
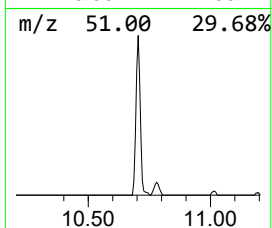
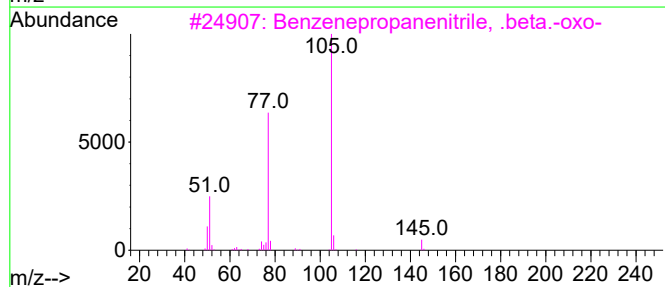
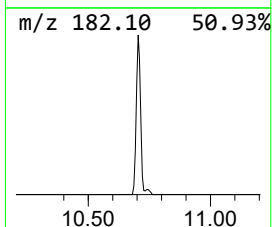
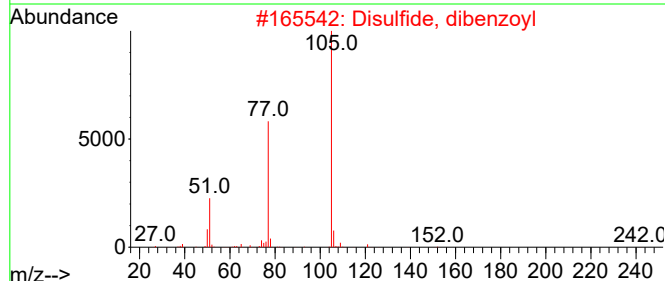
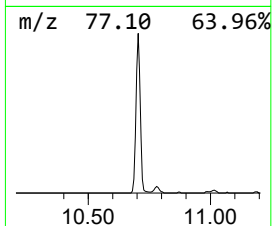
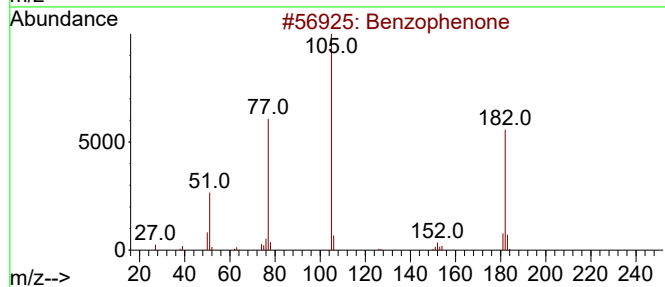
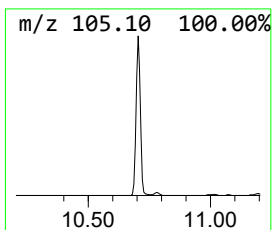
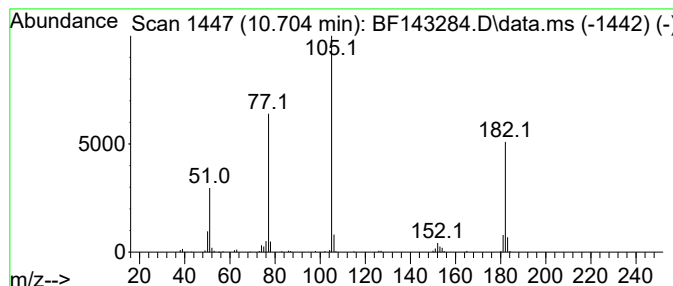
Instrument :
BNA_F
ClientSampleId :
TW-WTS-12

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

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

Peak Number 10 Benzophenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.704	3.11 ng	151798	Acenaphthene-d10		9.992	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benzophenone		182	C13H10O	000119-61-9	96
2	Disulfide, dibenzoyl		274	C14H10O2S2	000644-32-6	52
3	Benzenepropanenitrile, .beta.-oxo-		145	C9H7NO	000614-16-4	50
4	Pentafluoroethyl phenyl ketone		224	C9H5F5O	000394-52-5	50
5	Benzenecarbothioic acid		138	C7H6OS	000098-91-9	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080125\
Data File : BF143284.D
Acq On : 01 Aug 2025 16:03
Operator : RC/JU
Sample : Q2733-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TW-WTS-12

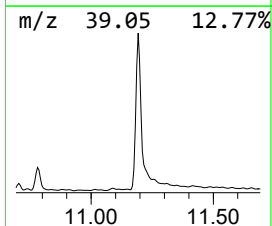
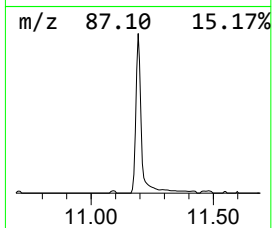
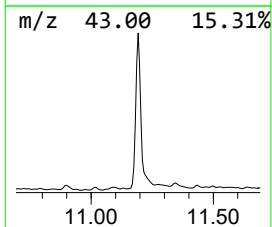
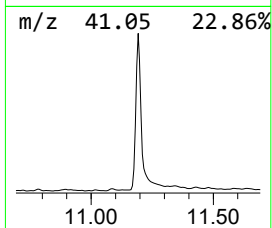
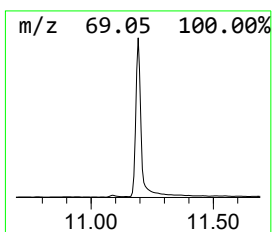
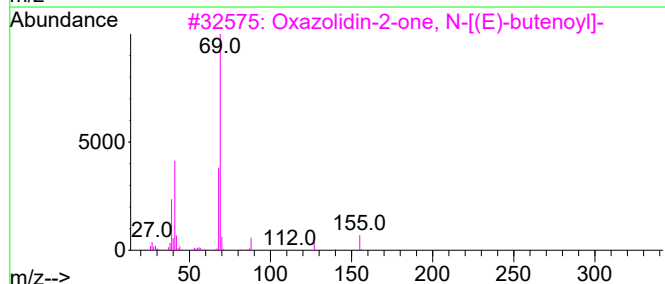
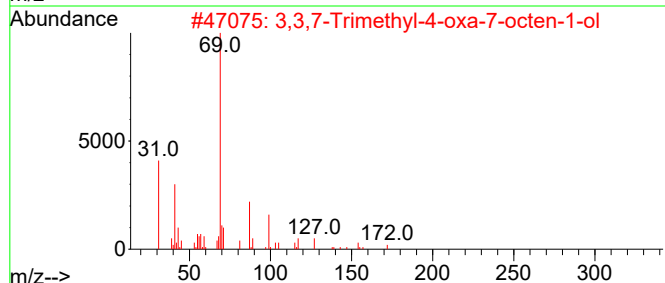
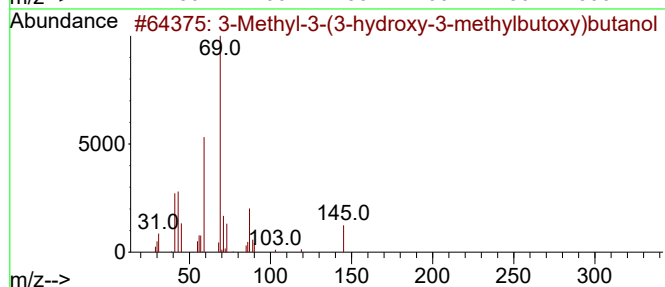
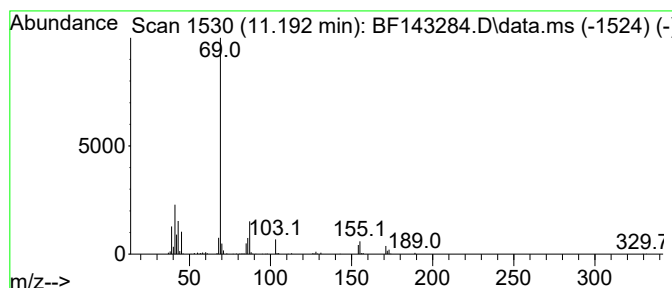
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown11.192 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.192	10.62 ng	414915	Phenanthrene-d10	11.480

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Methyl-3-(3-hydroxy-3-methylbu...	190	C10H22O3	1000432-16-8	39
2		3,3,7-Trimethyl-4-oxa-7-octen-1-ol	172	C10H20O2	069161-47-3	38
3		Oxazolidin-2-one, N-[(E)-butenoyl]-	155	C7H9NO3	1010156-45-5	33
4		2-Butenoic acid, 2-propenylidene...	210	C11H14O4	055030-70-1	33
5		Cyclopropanecarboxylic acid chlo...	104	C4H5ClO	004023-34-1	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080125\
Data File : BF143284.D
Acq On : 01 Aug 2025 16:03
Operator : RC/JU
Sample : Q2733-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TW-WTS-12

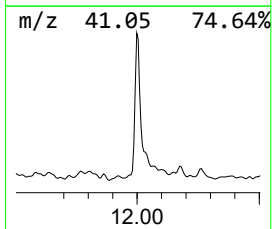
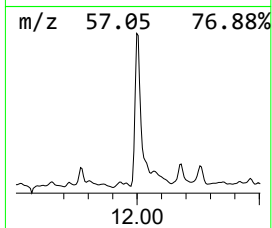
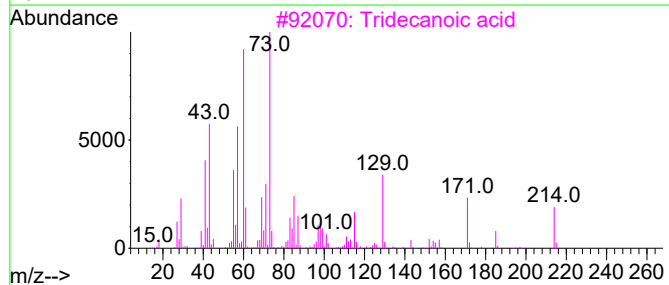
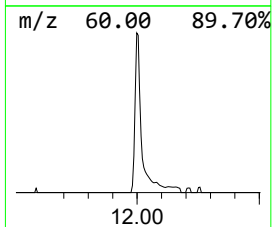
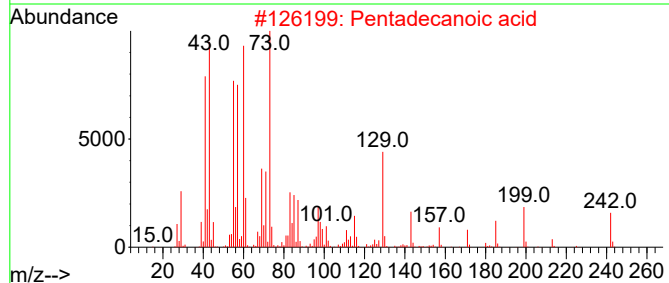
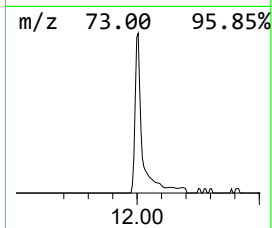
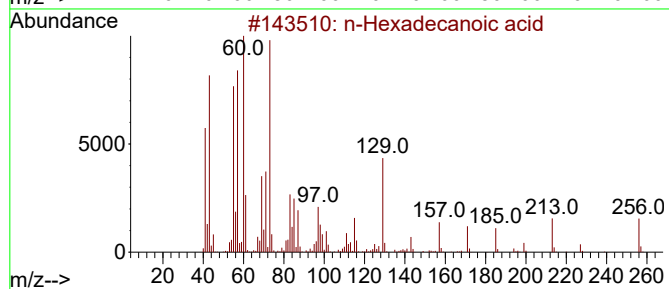
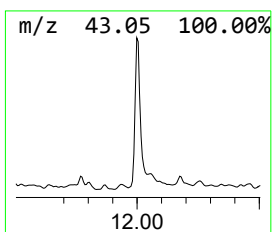
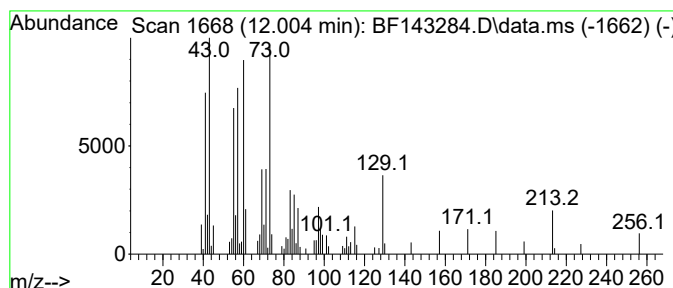
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.004	3.31 ng	129124	Phenanthrene-d10	11.480

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3			Tridecanoic acid	214	C13H26O2	000638-53-9	87
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	18



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080125\
Data File : BF143284.D
Acq On : 01 Aug 2025 16:03
Operator : RC/JU
Sample : Q2733-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TW-WTS-12

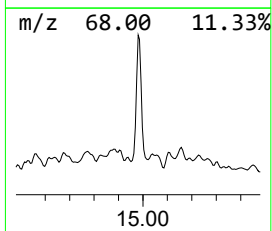
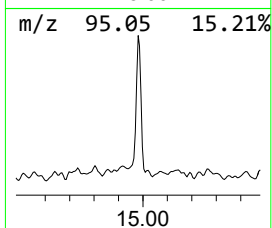
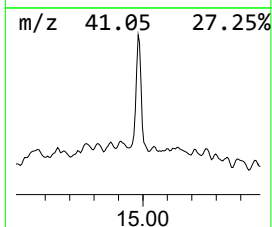
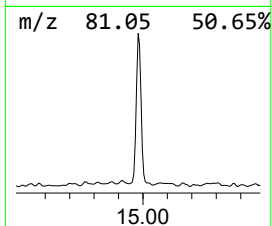
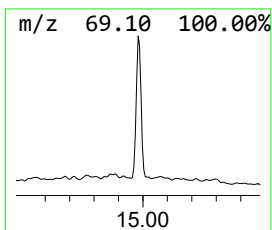
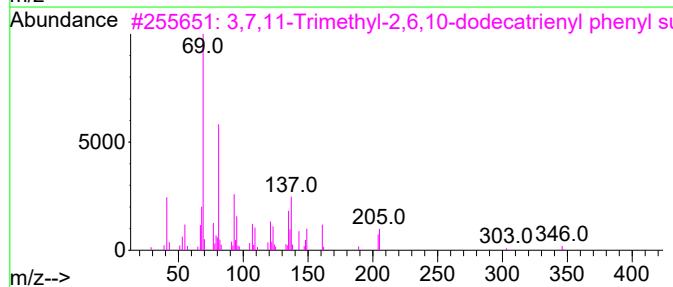
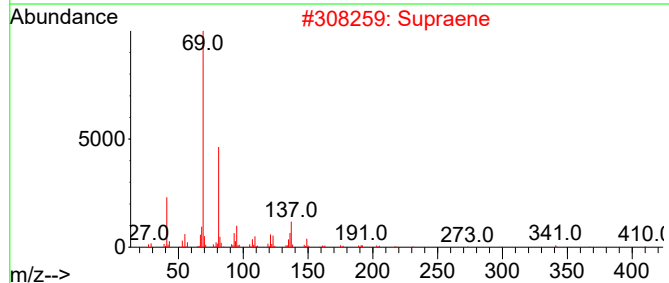
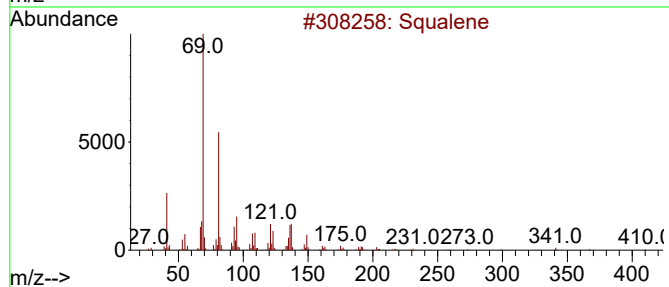
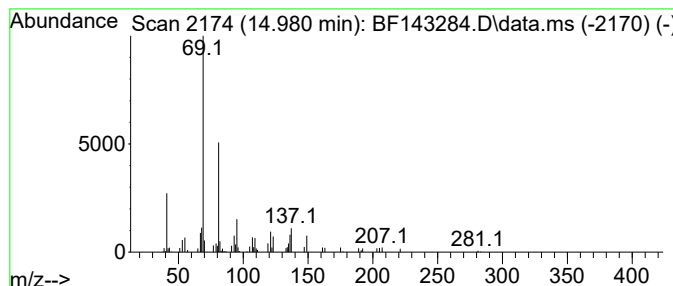
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Squalene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.980	2.32 ng	63173	Perylene-d12	15.627

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Squalene	410	C30H50	000111-02-4	90
2			Supraene	410	C30H50	007683-64-9	90
3			3,7,11-Trimethyl-2,6,10-dodecatr...	346	C21H30O2S	1000432-39-0	78
4			Farnesol isomer a	222	C15H26O	1000108-92-4	64
5			Carbonic acid, methyl ester, [(E...	280	C17H28O3	1000164-38-7	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080125\
Data File : BF143284.D
Acq On : 01 Aug 2025 16:03
Operator : RC/JU
Sample : Q2733-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TW-WTS-12

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

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	2.310	92.2	ng	3425340	1	6.957	742701	20.0
Propanoic acid,...	4.110	9.9	ng	368341	1	6.957	742701	20.0
Butanoic acid	4.687	24.3	ng	900987	1	6.957	742701	20.0
2-Pentanone, 4-...	5.193	7.3	ng	269703	1	6.957	742701	20.0
Butanoic acid, ...	5.369	16.7	ng	619918	1	6.957	742701	20.0
Butanoic acid, ...	5.522	11.9	ng	440017	1	6.957	742701	20.0
Pentanoic acid	5.757	4.7	ng	175030	1	6.957	742701	20.0
Ethanol, 2-butoxy-	5.934	2.0	ng	76220	1	6.957	742701	20.0
Cyclopropanecar...	8.934	15.6	ng	695325	2	8.239	892442	20.0
Benzophenone	10.704	3.1	ng	151798	3	9.992	975692	20.0
unknown11.192	11.192	10.6	ng	414915	4	11.480	781373	20.0
n-Hexadecanoic ...	12.004	3.3	ng	129124	4	11.480	781373	20.0
Squalene	14.980	2.3	ng	63173	6	15.627	543503	20.0



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: ENTA05Lab Code: ACESDG No.: Q2733Instrument 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
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
Phenol		1.882	1.767	1.776	1.711	1.788	1.733	6.4
1,4-Dichlorobenzene		1.602	1.518	1.502	1.418	1.473	1.449	7.5
Nitrobenzene-d5		0.407	0.394	0.417	0.399	0.417	0.401	3.5
1,2,4-Trichlorobenzene		0.329	0.307	0.318	0.294	0.303	0.302	6.4
Naphthalene		1.118	1.038	1.032	0.954	0.986	0.985	8.9
2-Fluorobiphenyl		1.761	1.644	1.547	1.358	1.414	1.462	13.6
2,4,6-Tribromophenol		0.200	0.202	0.212	0.210	0.218	0.207	3.5
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

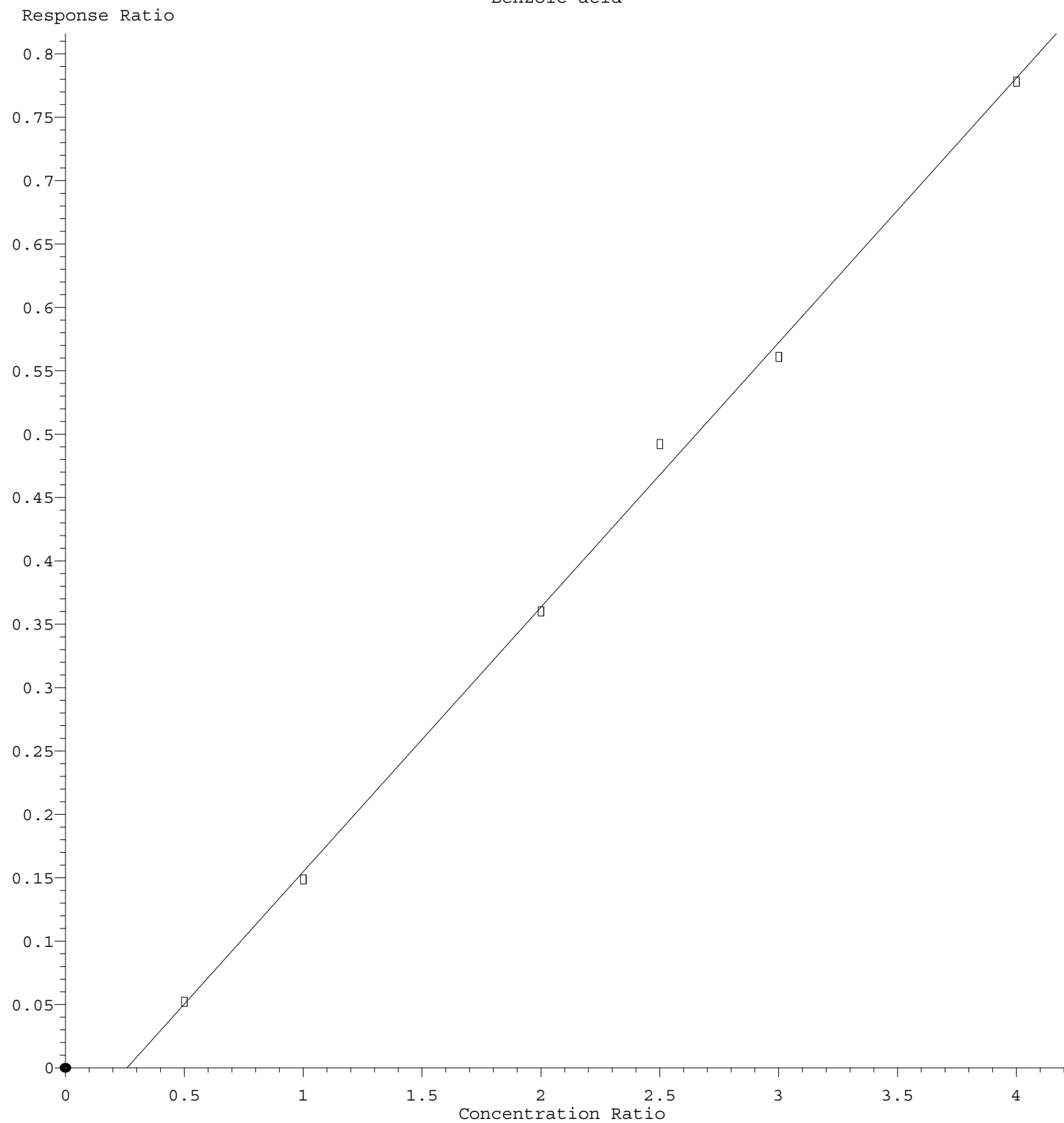
39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.638	0.598	0.601	0.550	0.582	0.558	0.515	0.577	6.93	
41) P	Hexachlorocycl...		0.337	0.373	0.373	0.404	0.393	0.374	0.376	6.14	
42) S	2,4,6-Tribromo...	0.200	0.202	0.212	0.210	0.218	0.206	0.198	0.207	3.55	
43) C	2,4,6-Trichlor...	0.391	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)	Butylbenzylpht...	0.438	0.472	0.536	0.544	0.582	0.556	0.532	0.523	9.61	
81)	Benzo(a)anthra...	1.374	1.367	1.381	1.282	1.422	1.313	1.235	1.339	4.86	
82)	3,3'-Dichlorob...		0.437	0.495	0.429	0.476	0.440	0.401	0.446	7.58	
83)	Chrysene	1.282	1.174	1.247	1.206	1.218	1.173	1.127	1.204	4.29	
84)	Bis(2-ethylhex...	0.691	0.755	0.824	0.789	0.862	0.826	0.789	0.791	7.03	
85) c	Di-n-octyl pht...		1.274	1.428	1.384	1.550	1.508	1.461	1.434	6.83	

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

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

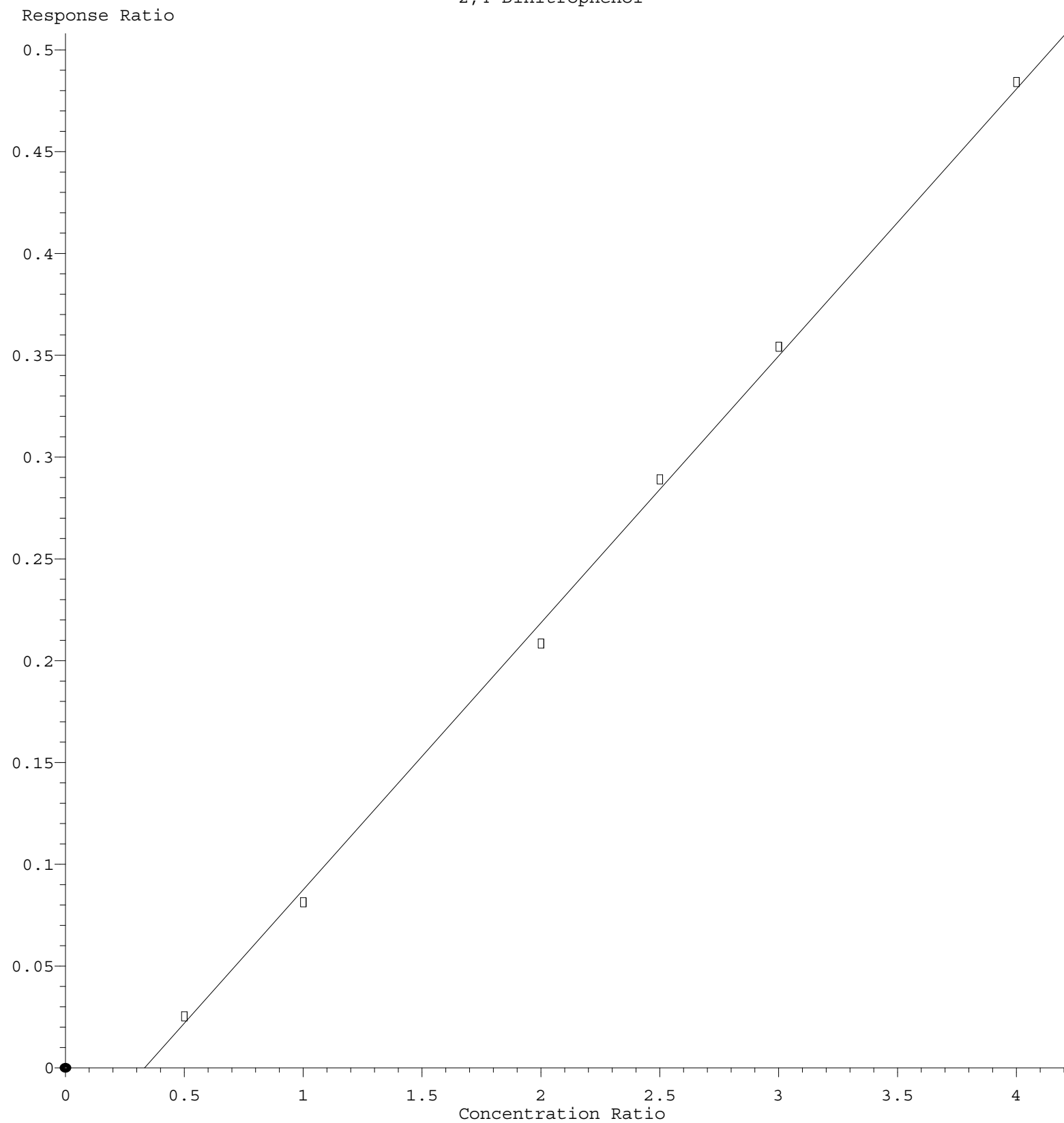
(#) = Out of Range

Benzoic acid



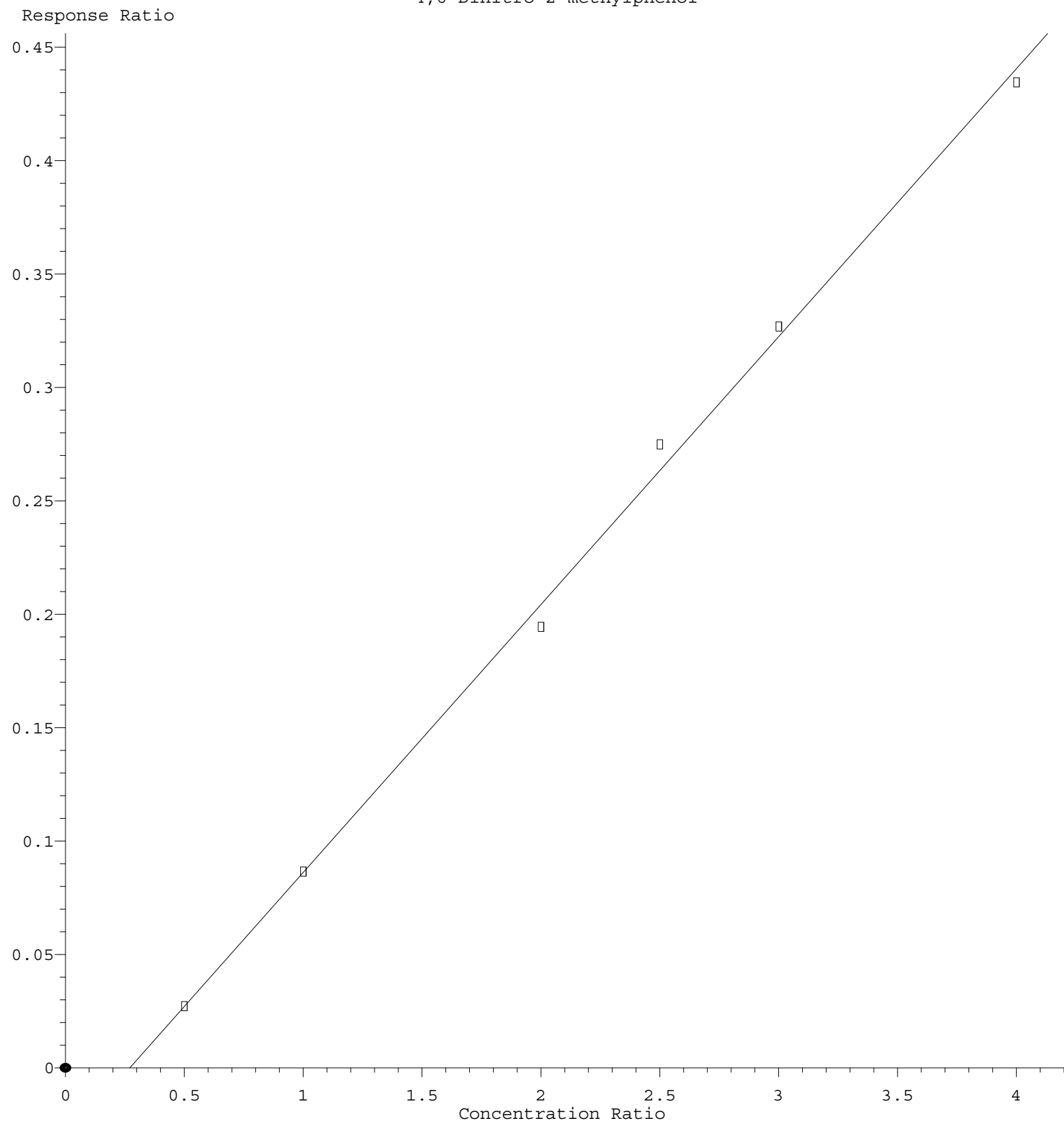
Response = $2.090 \times 10^{-1} \times \text{Amt} - 5.410 \times 10^{-2}$
 Coef of Det (r^2) = 0.998491 Curve Fit: wlr(1/a)
 Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF071725.M
 Calibration Table Last Updated: Thu Jul 17 15:14:05 2025

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

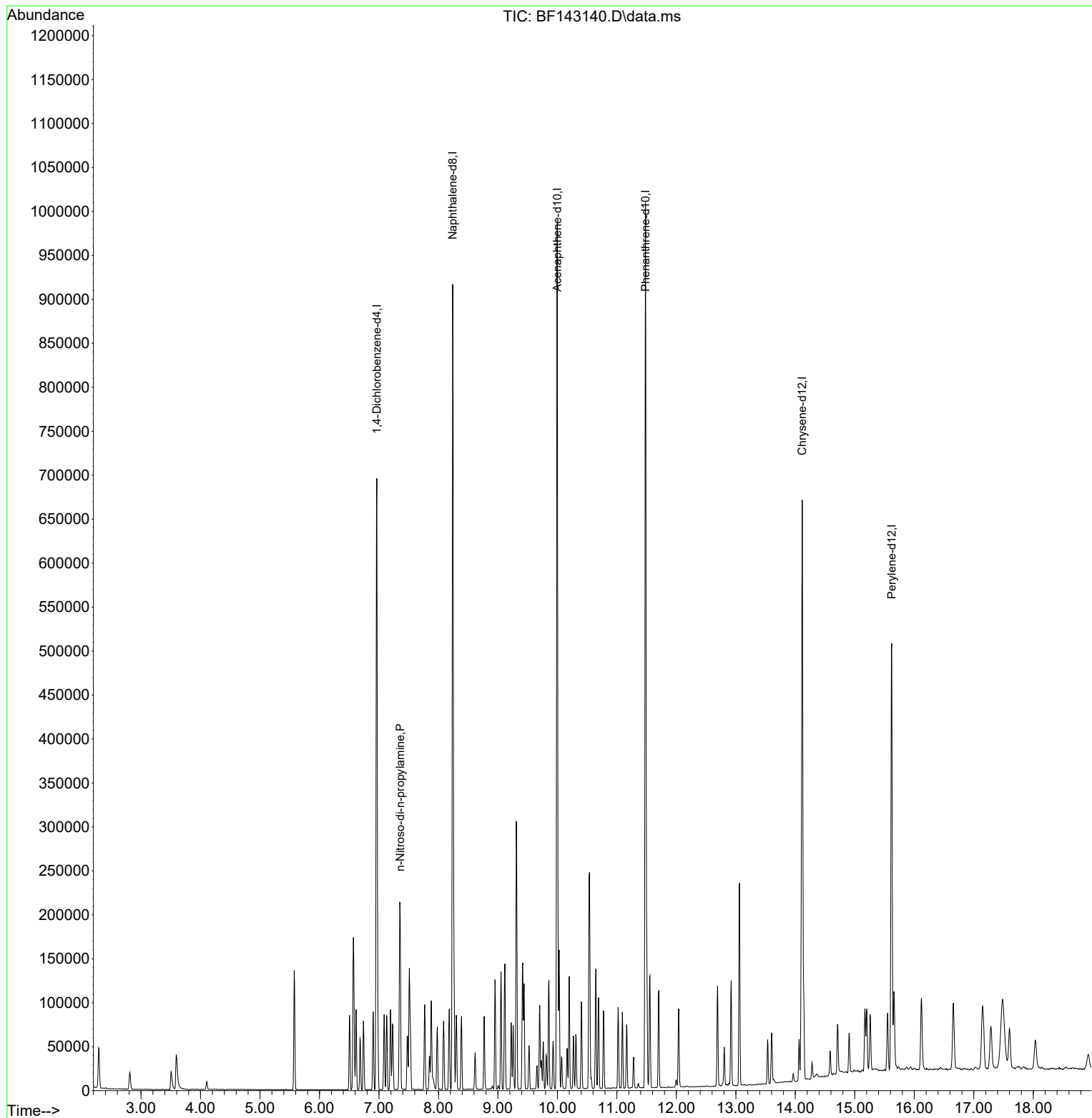
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	139766	20.000	ng	0.00
21) Naphthalene-d8	8.240	136	547280	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	293149	20.000	ng	0.00
64) Phenanthrene-d10	11.481	188	492765	20.000	ng	0.00
76) Chrysene-d12	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

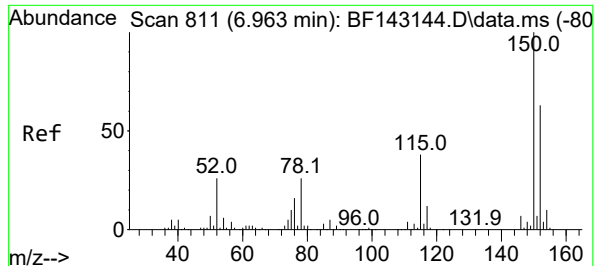
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

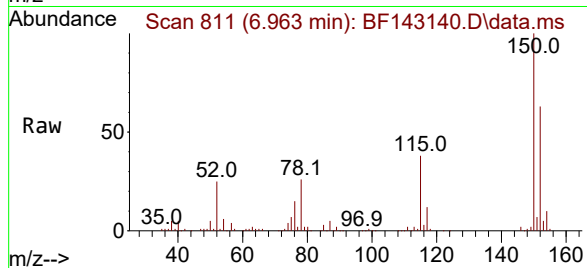
Acq: 17 Jul 2025 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



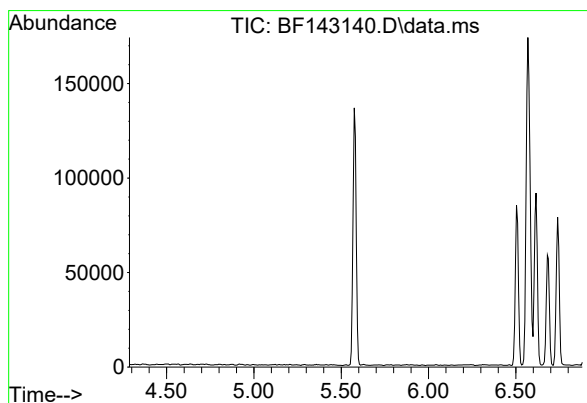
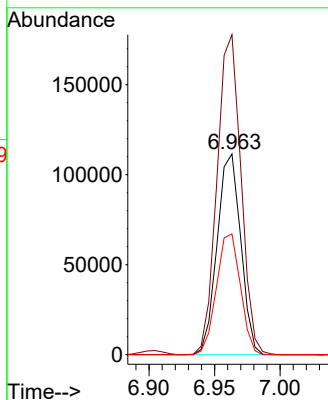
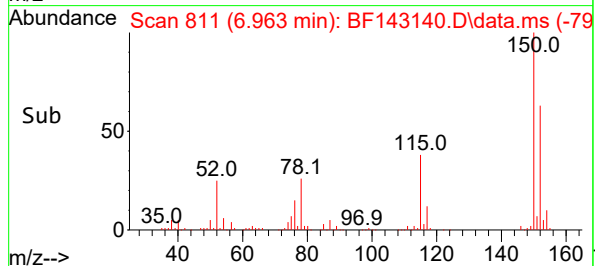
Tgt Ion:152 Resp: 139766

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

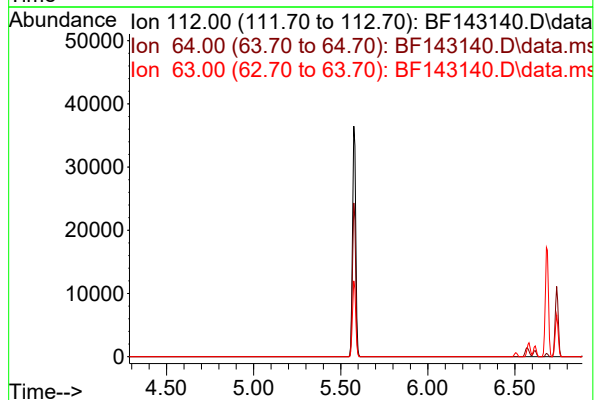
Tgt Ion: 112

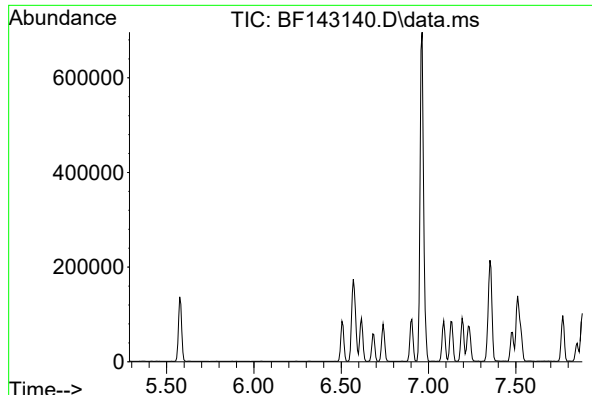
Sig Exp Ratio

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

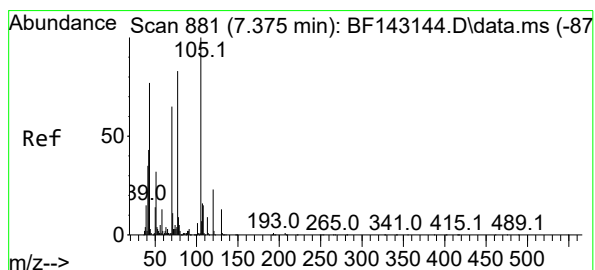
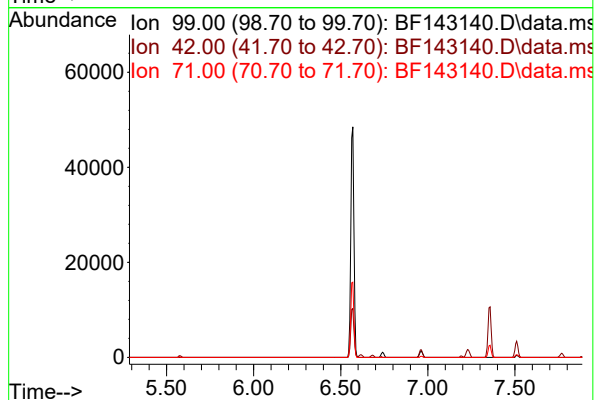
Tgt Ion: 99

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

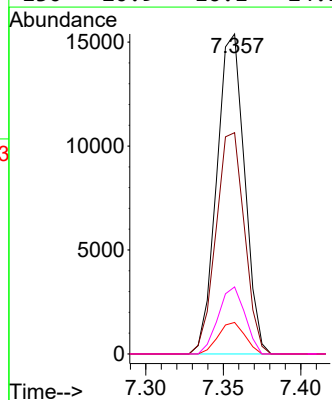
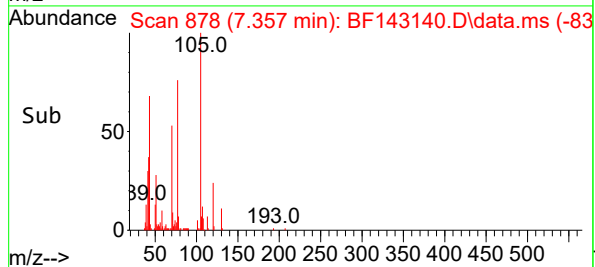
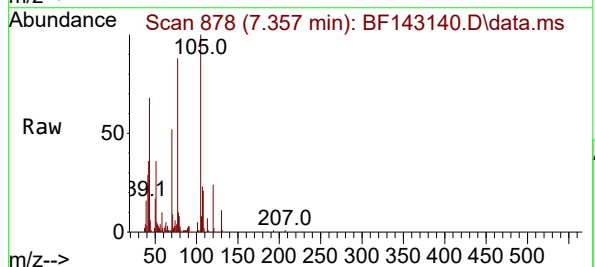
Ion Ratio Lower Upper

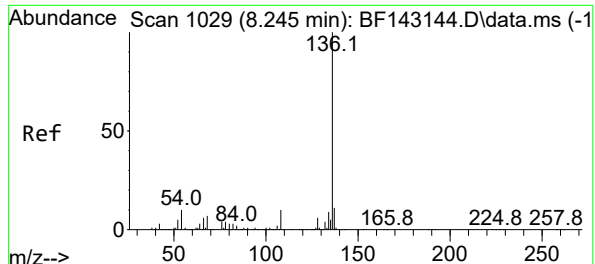
70 100

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# 10

Delta R.T. -0.005 min

Lab File: BF143140.D

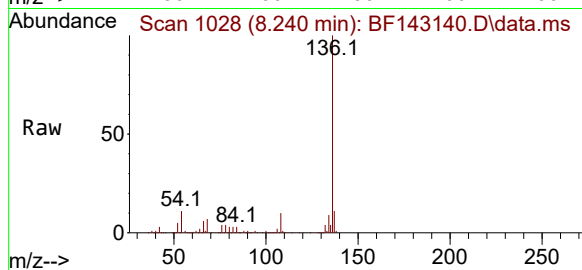
Acq: 17 Jul 2025 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



Tgt Ion:136 Resp: 547280

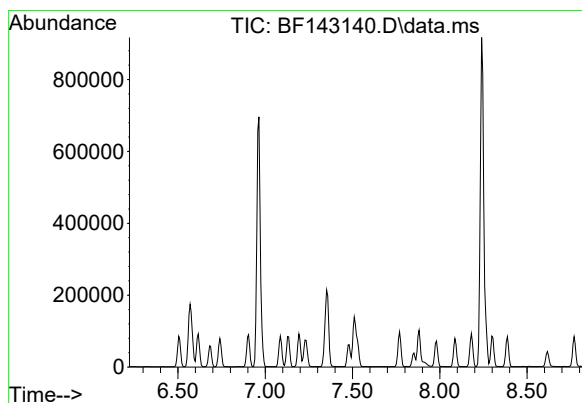
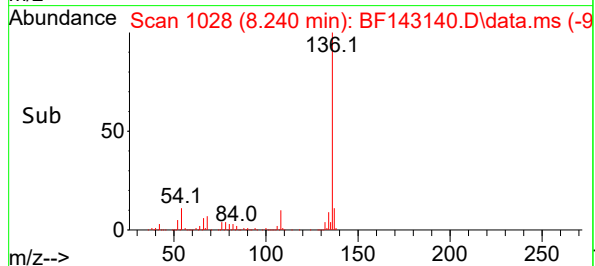
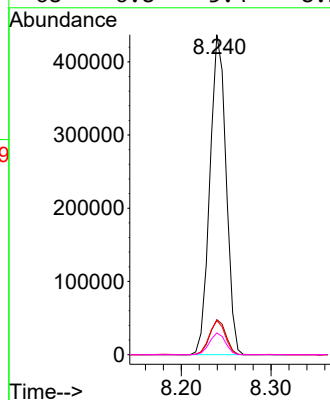
Ion Ratio Lower Upper

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

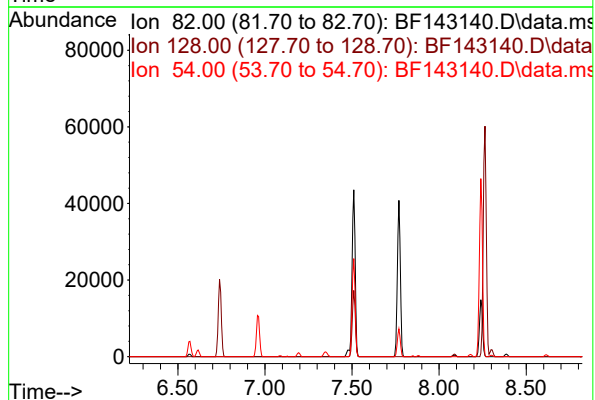
Tgt Ion: 82

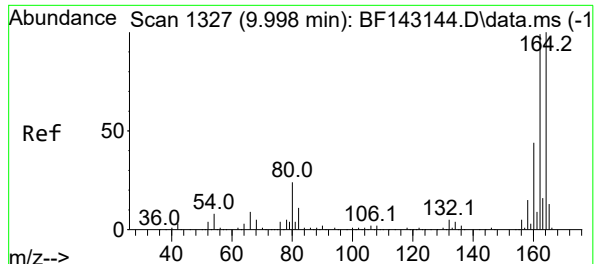
Sig Exp Ratio

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

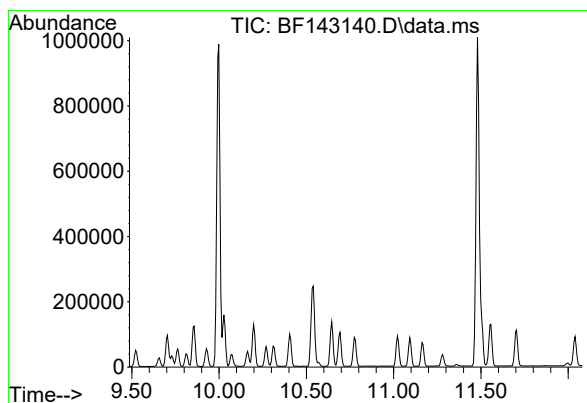
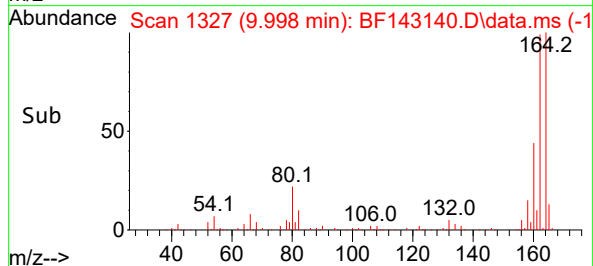
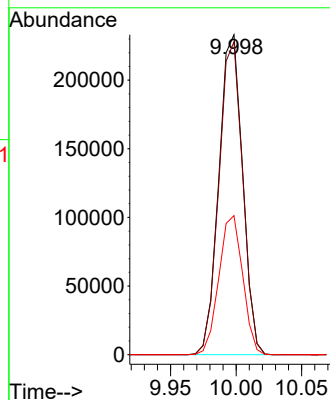
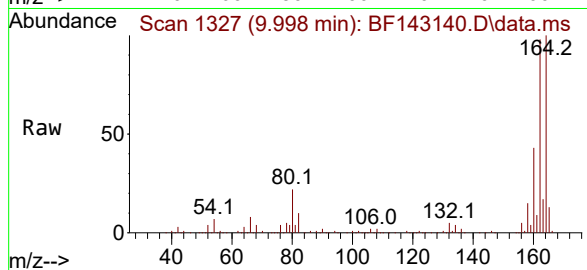
Tgt Ion:164 Resp: 293149

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

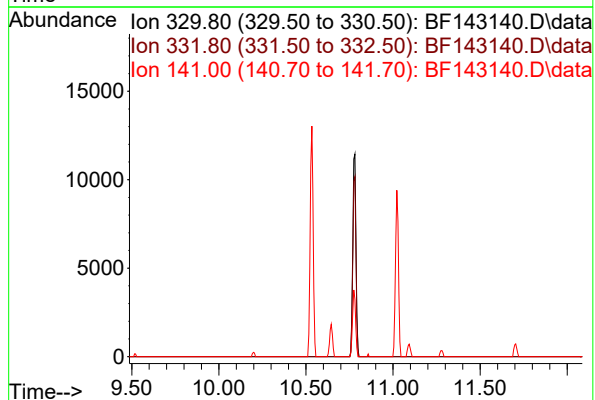
Tgt Ion: 330

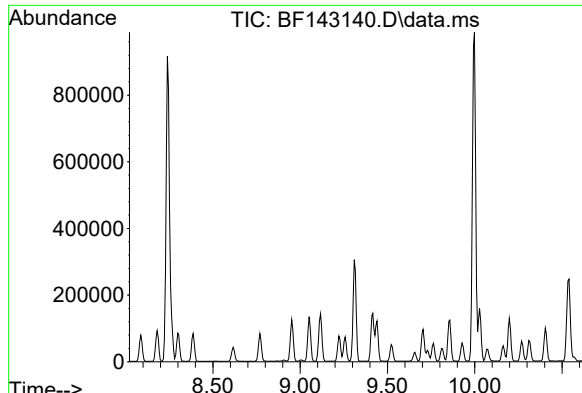
Sig Exp Ratio

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

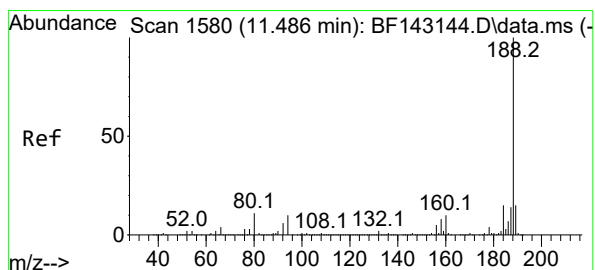
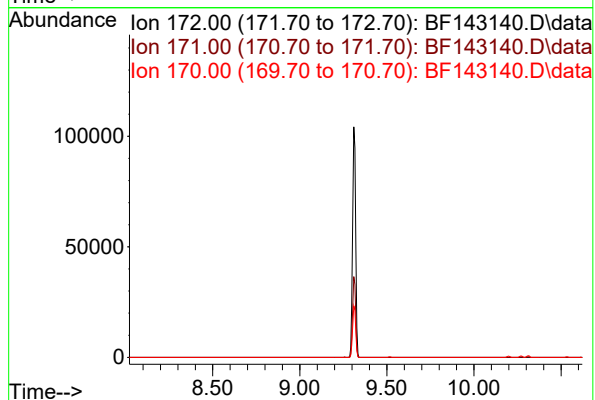
Tgt Ion: 172

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

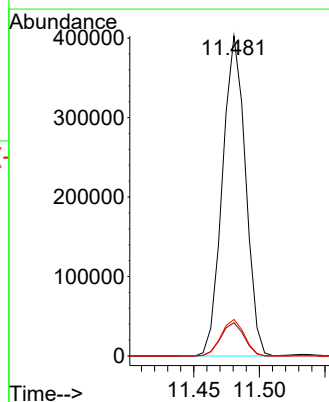
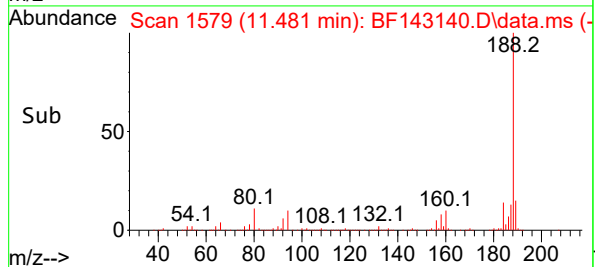
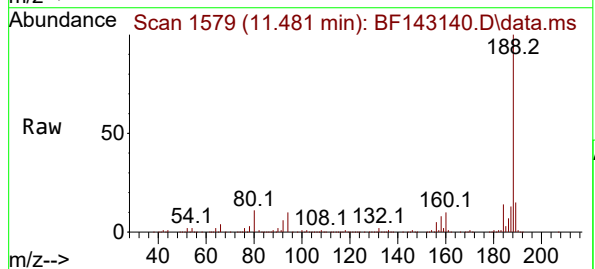
Tgt Ion:188 Resp: 492765

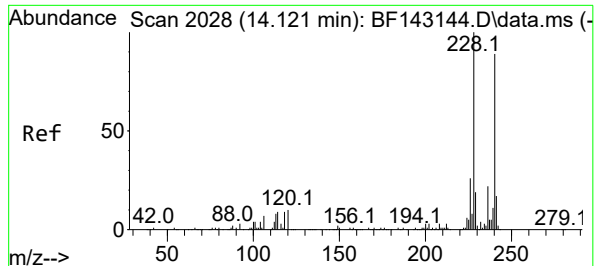
Ion Ratio Lower Upper

188 100

94 10.4 8.3 12.5

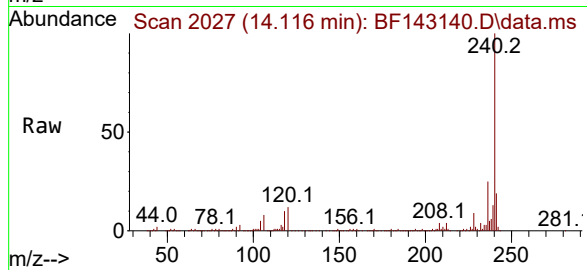
80 11.4 9.0 13.6



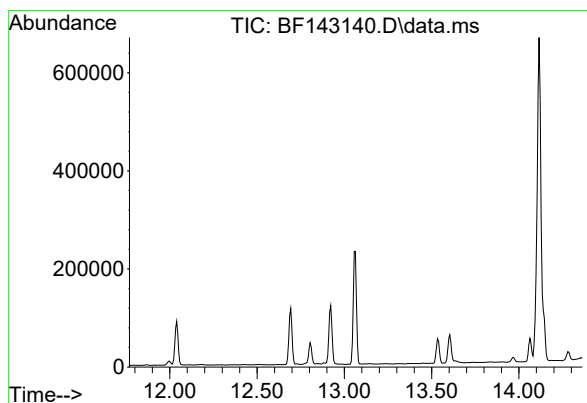
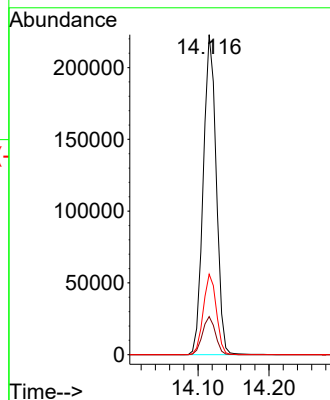
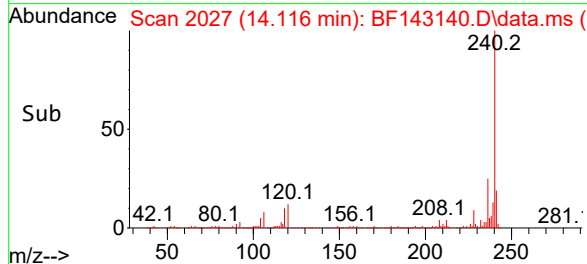


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.116 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF143140.D
Acq: 17 Jul 2025 11:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5



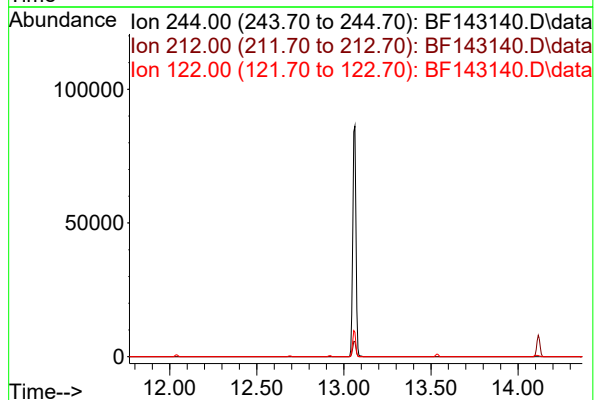
Tgt Ion:240 Resp: 283469
Ion Ratio Lower Upper
240 100
120 11.9 9.4 14.2
236 25.1 20.2 30.4

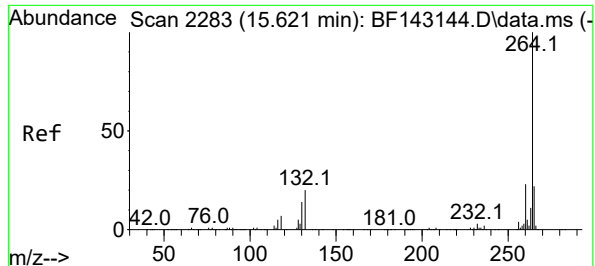


#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 13.07 min

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

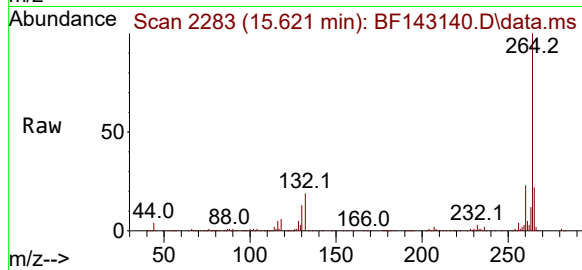
Acq: 17 Jul 2025 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



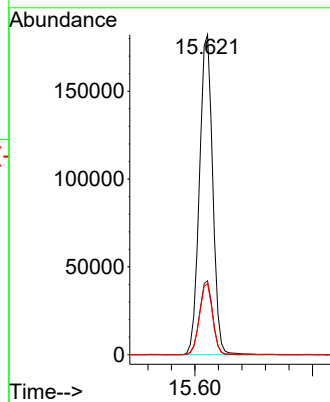
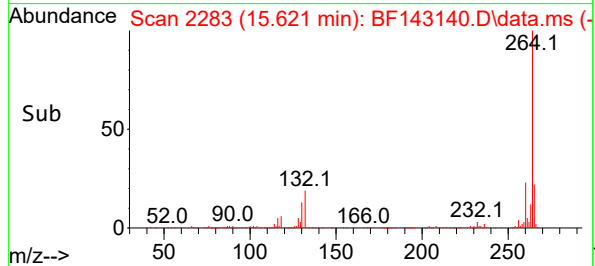
Tgt Ion:264 Resp: 284847

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

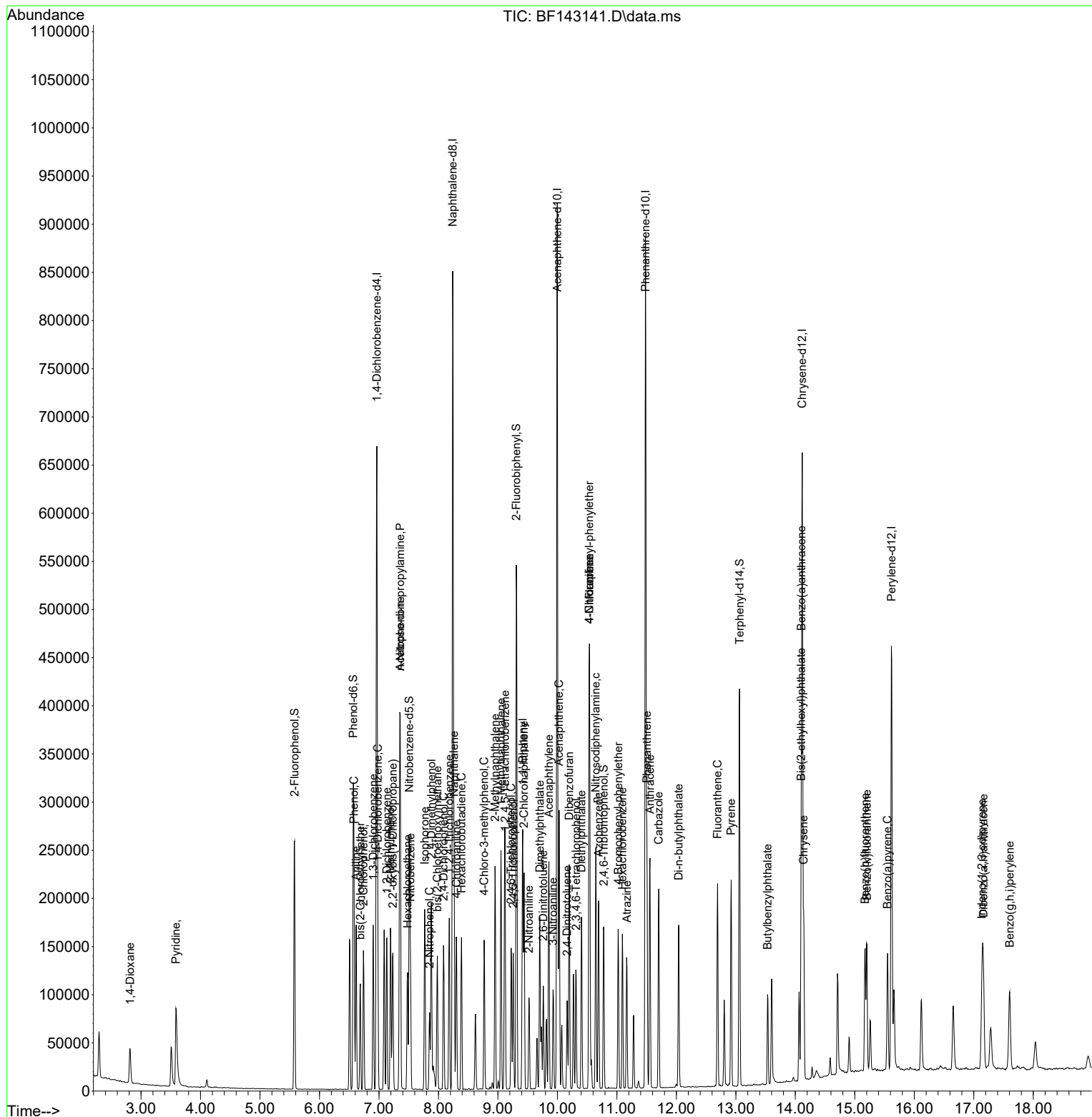
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	10.028	154	84160	5.588	ng	99
53) 3-Nitroaniline	9.928	138	18738	4.587	ng	94
55) Dibenzofuran	10.198	168	127035	5.681	ng	97
57) 2,4-Dinitrotoluene	10.163	165	17709	4.041	ng	92
58) Fluorene	10.539	166	97477	5.808	ng	100
59) 2,3,4,6-Tetrachlorophenol	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

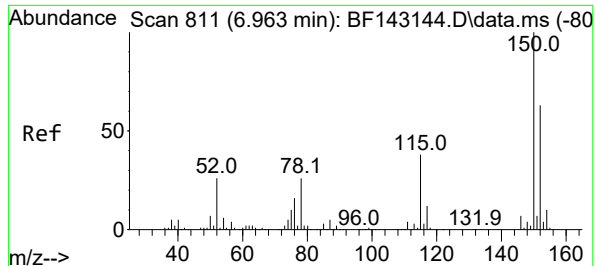
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

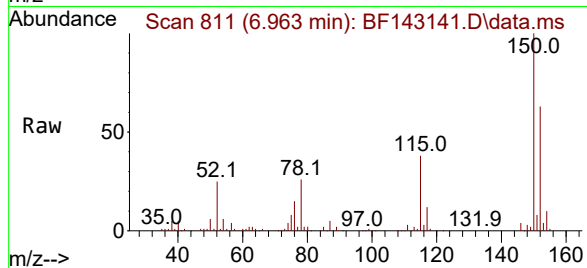
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jaagrut Upadhyay 07/18/2025





#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

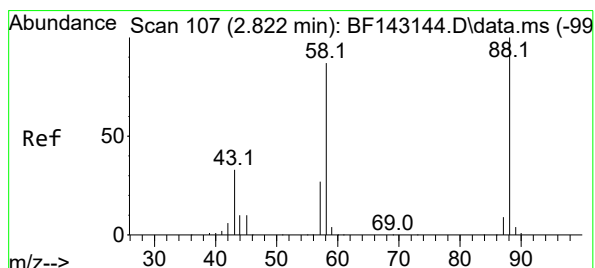
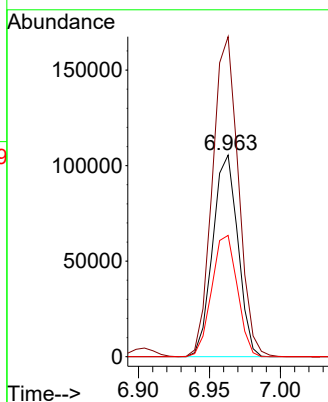
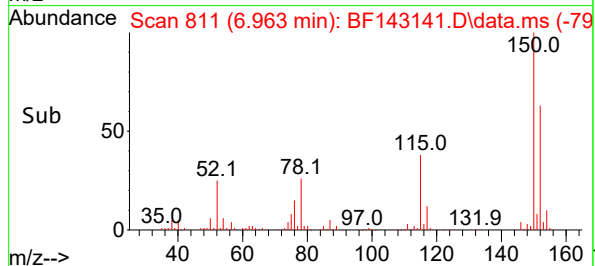
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



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

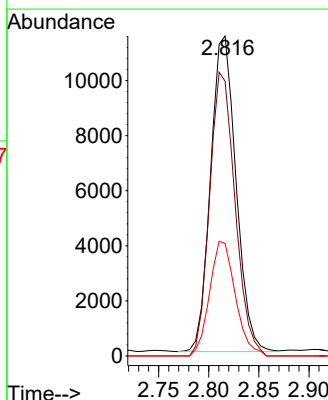
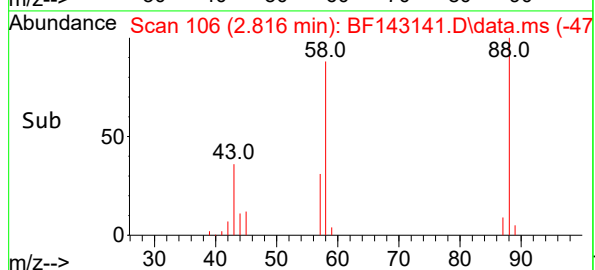
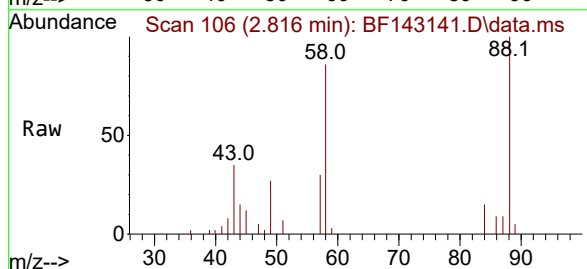
Manual Integrations
APPROVED

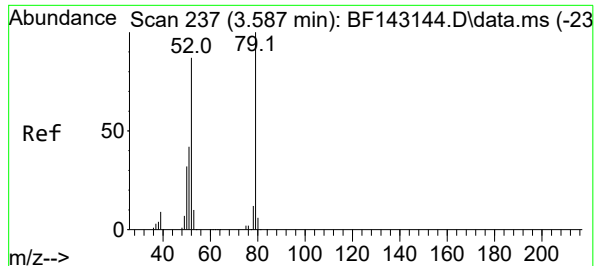
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

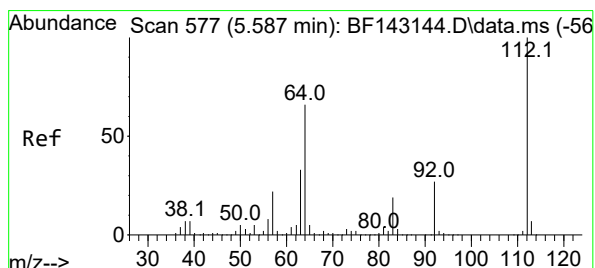
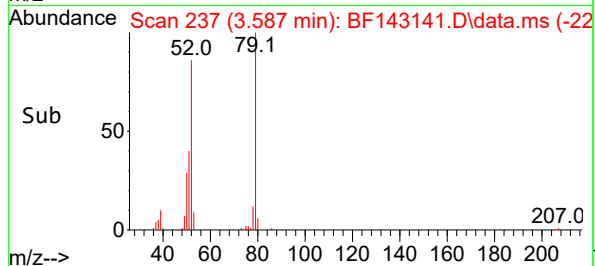
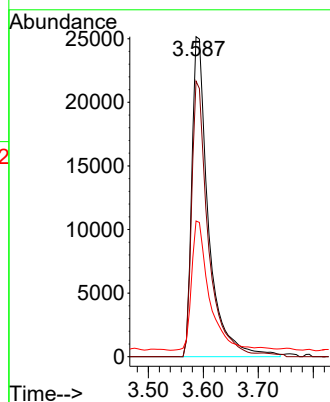
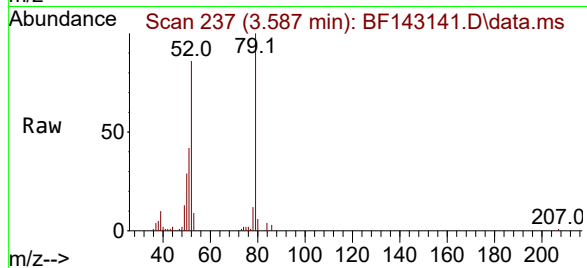
51 42.4 33.5 50.3

Manual Integrations

APPROVED

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

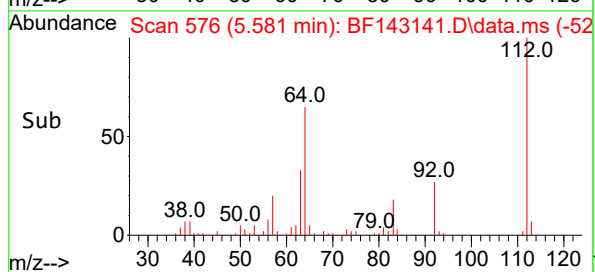
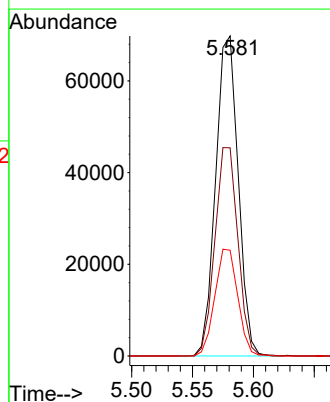
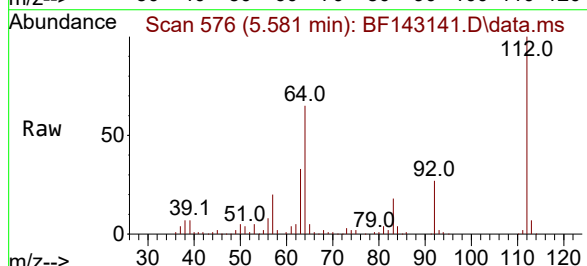
Tgt Ion:112 Resp: 89958

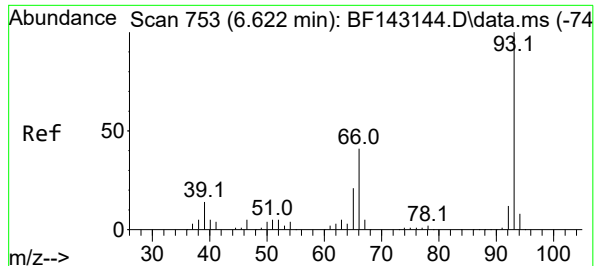
Ion Ratio Lower Upper

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

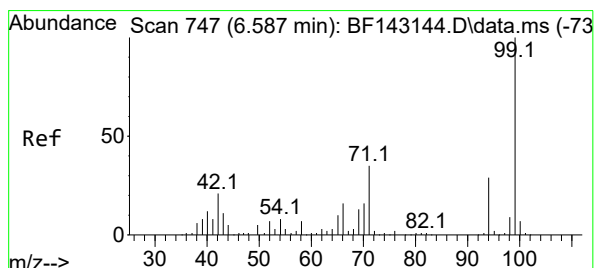
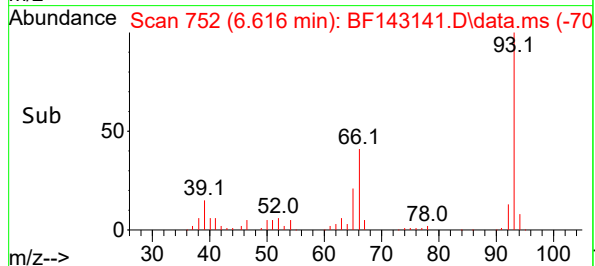
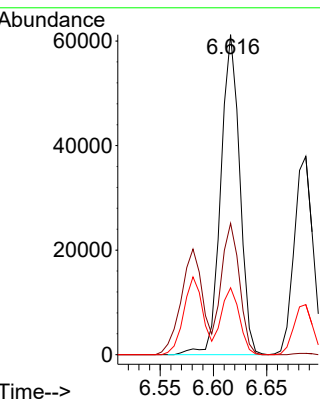
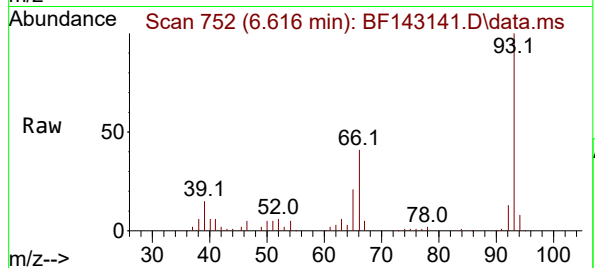
65 20.9 16.9 25.3

Manual Integrations

APPROVED

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

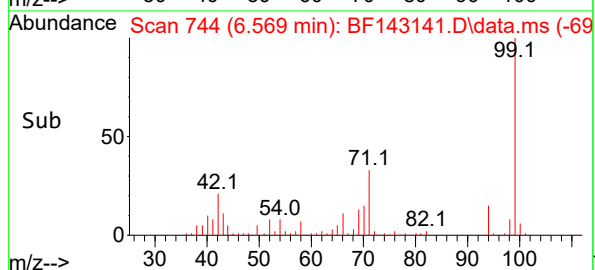
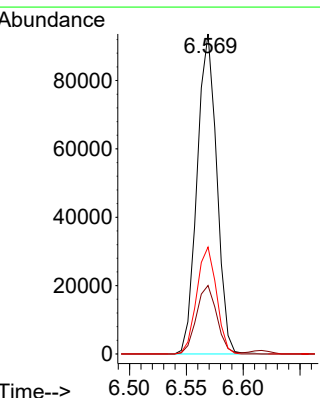
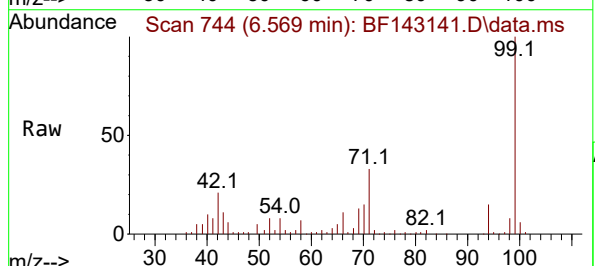
Tgt Ion: 99 Resp: 112575

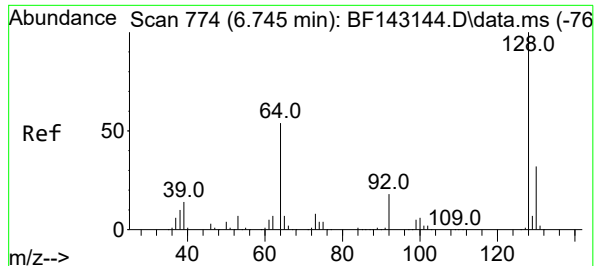
Ion Ratio Lower Upper

99 100

42 21.4 17.0 25.6

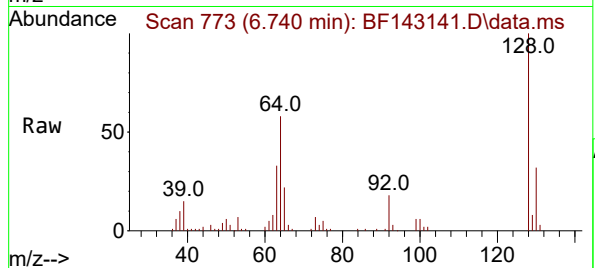
71 33.4 27.7 41.5





#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

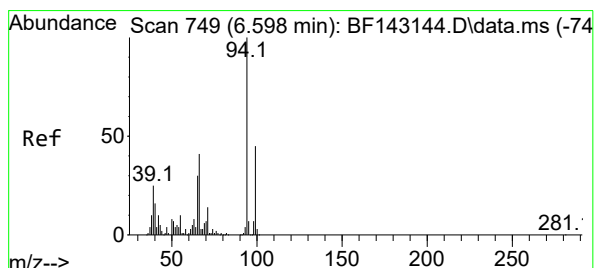
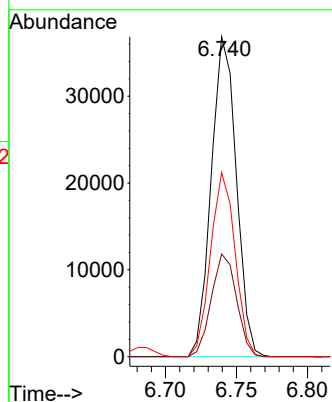
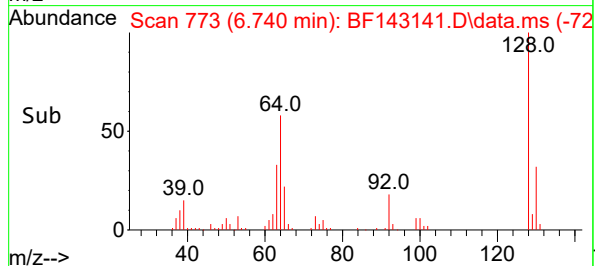
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



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

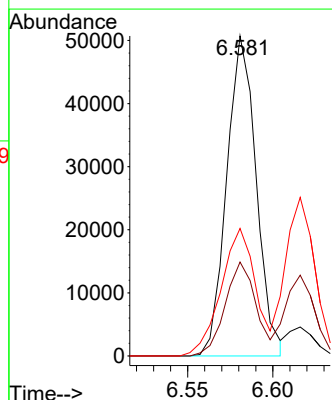
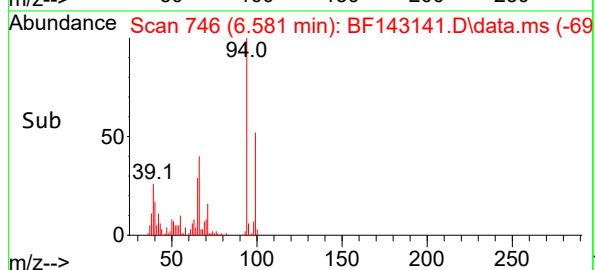
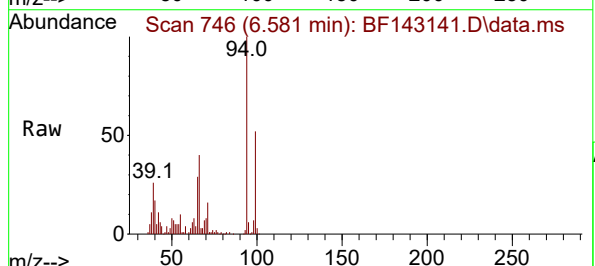
Manual Integrations
APPROVED

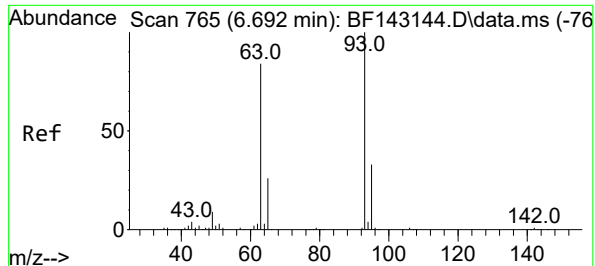
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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





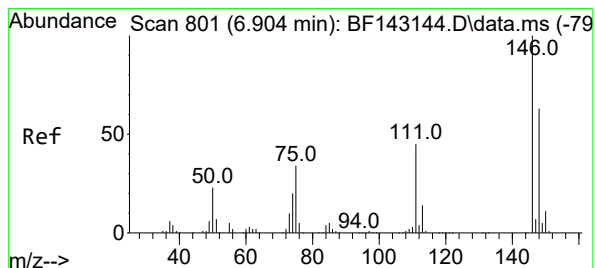
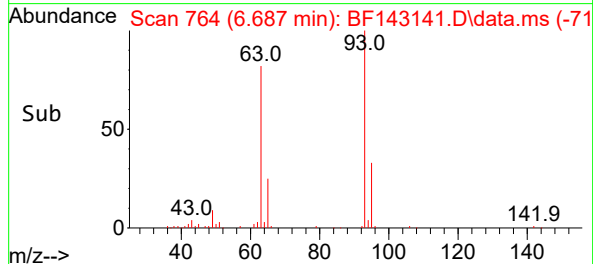
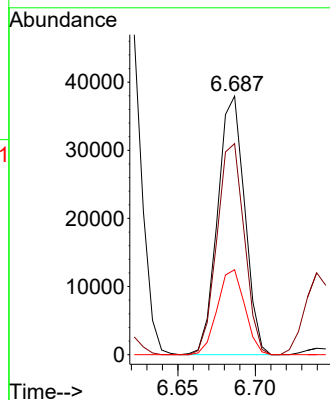
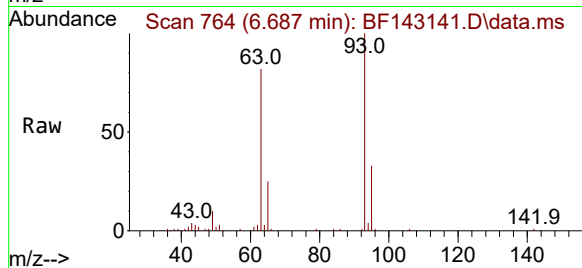
#11
bis(2-Chloroethyl)ether
Concen: 5.345 ng
RT: 6.687 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

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

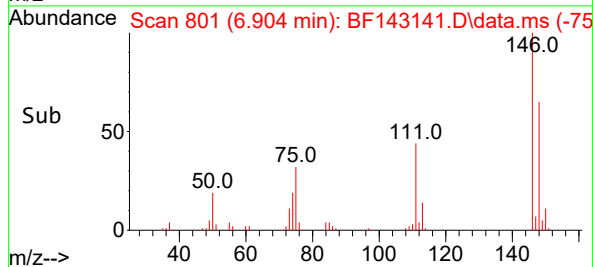
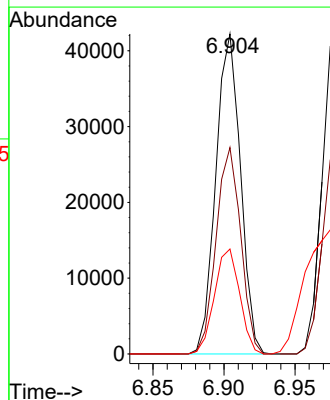
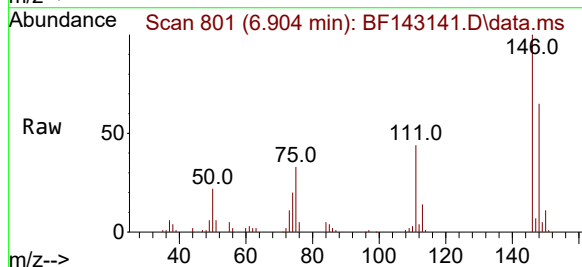
Manual Integrations
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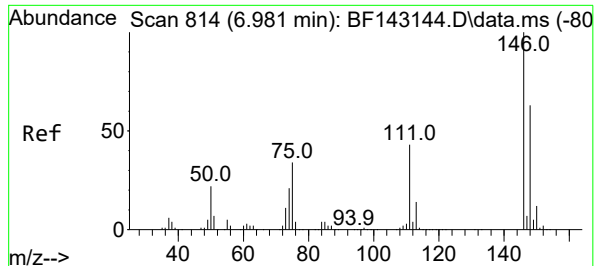
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

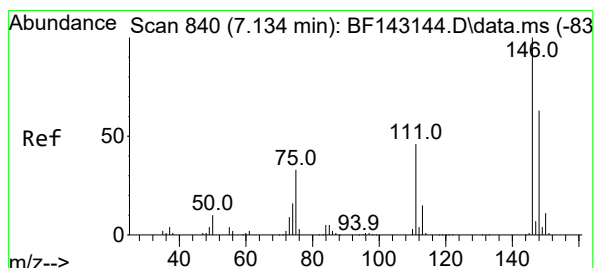
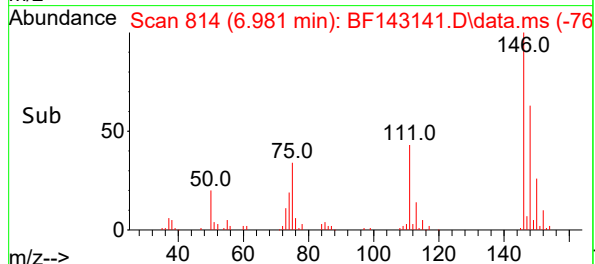
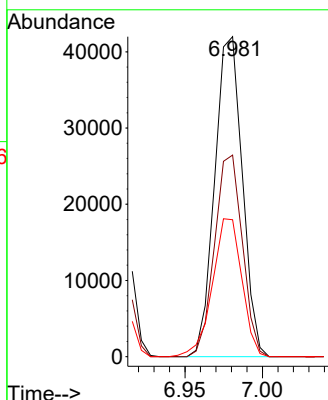
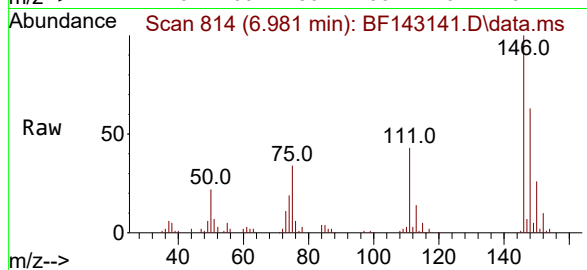
111 42.8 34.4 51.6

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

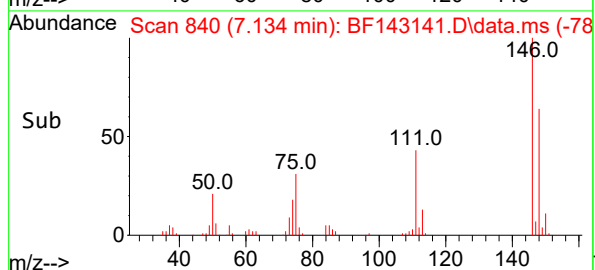
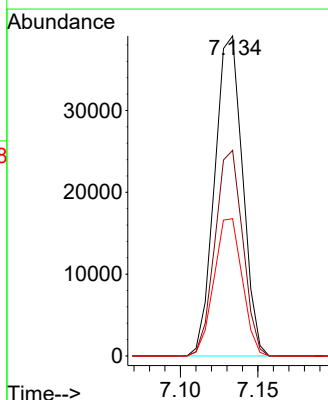
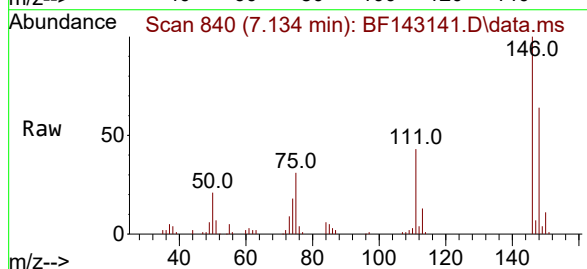
Tgt Ion:146 Resp: 49028

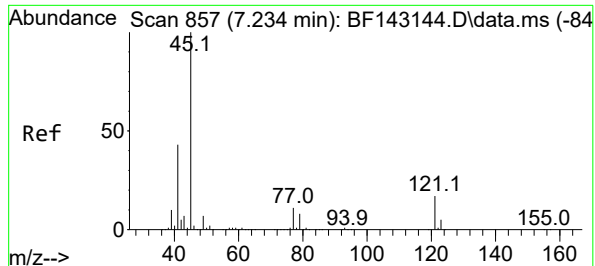
Ion Ratio Lower Upper

146 100

148 64.2 50.7 76.1

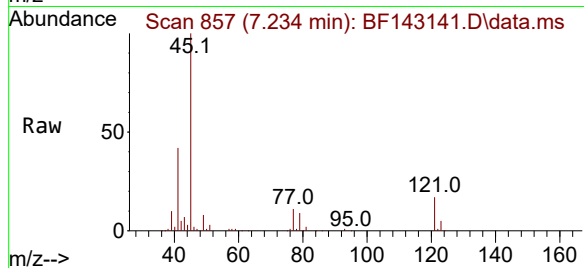
111 42.9 36.6 54.8





#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.423 ng
RT: 7.234 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

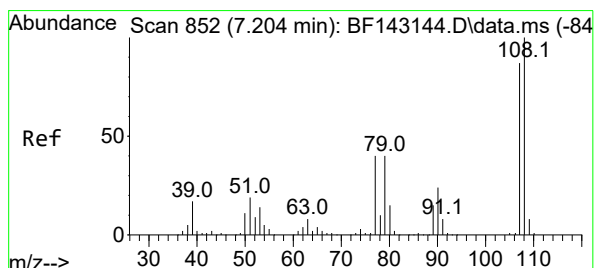
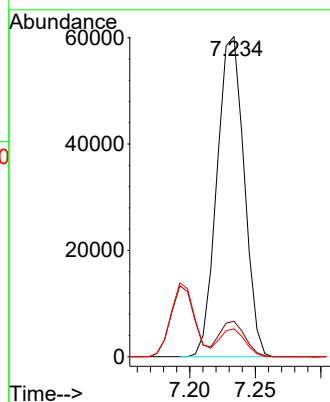
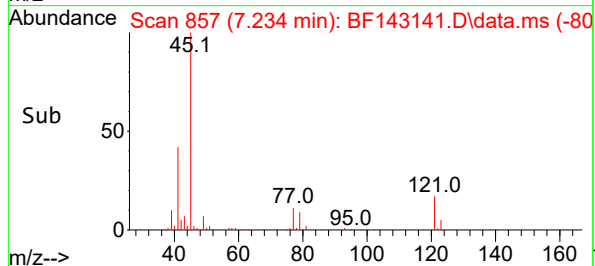
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



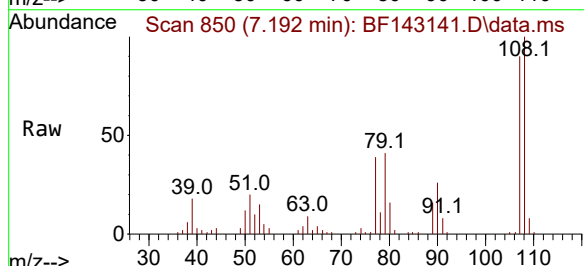
Tgt Ion: 45 Resp: 8672
Ion Ratio Lower Upper
45 100
77 11.1 0.0 31.2
79 8.7 0.0 28.5

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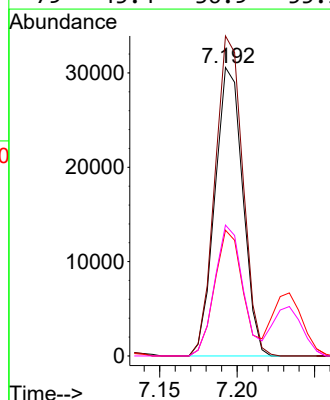
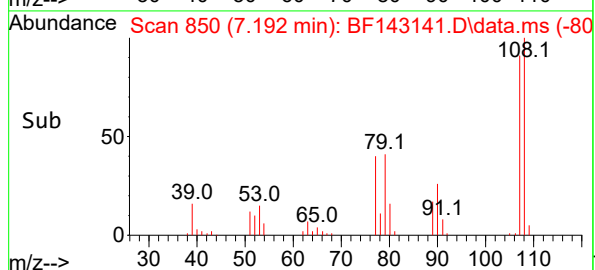
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

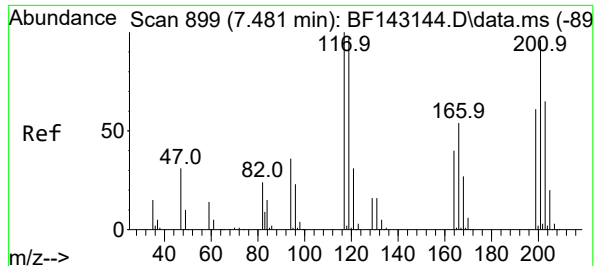


#17
2-Methylphenol
Concen: 5.289 ng
RT: 7.192 min Scan# 850
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34



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: 1694

Ion Ratio Lower Upper

117 100

119 99.4 77.8 116.8

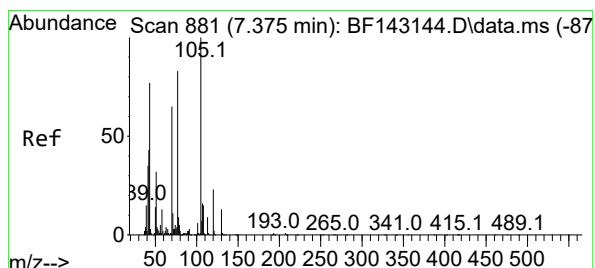
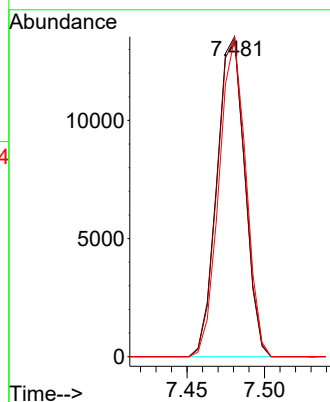
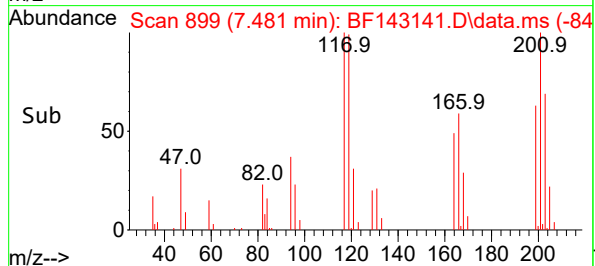
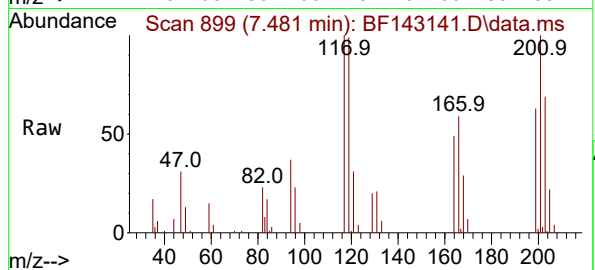
201 99.6 77.0 115.4

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

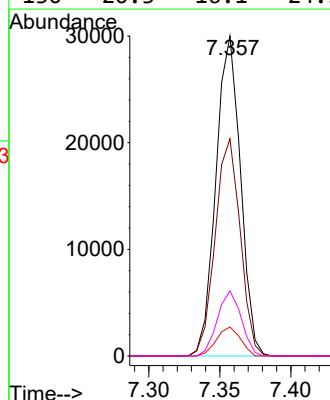
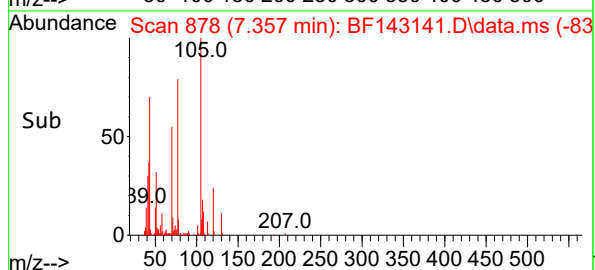
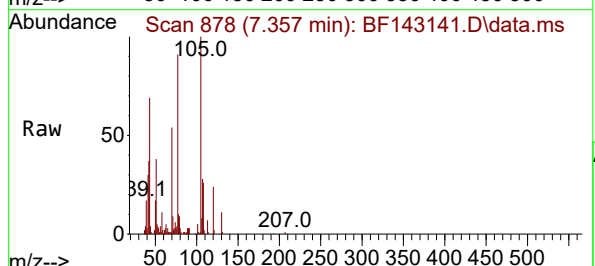
Ion Ratio Lower Upper

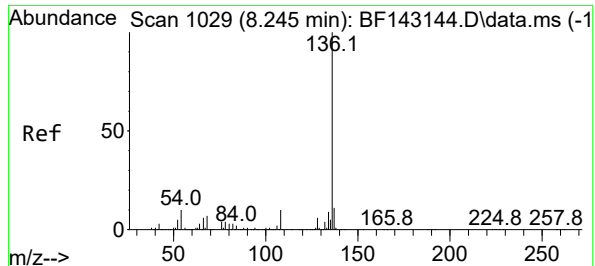
70 100

42 67.8 52.5 78.7

101 9.0 7.6 11.4

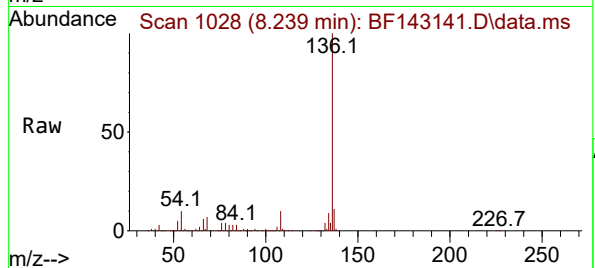
130 20.3 16.1 24.1





#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

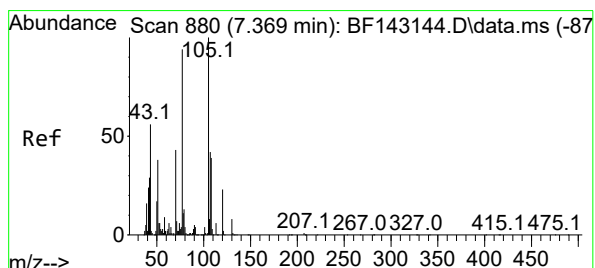
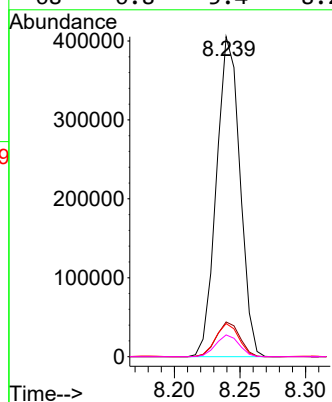
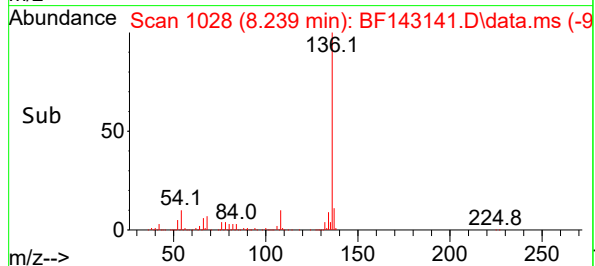
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



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

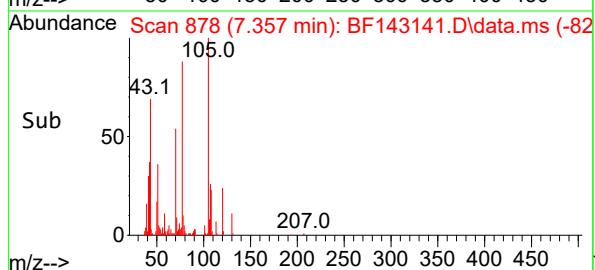
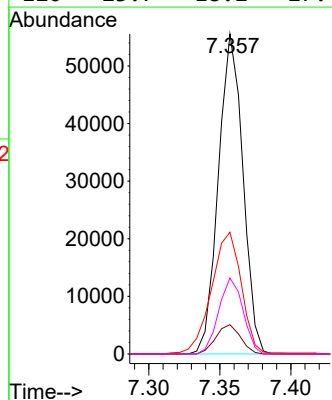
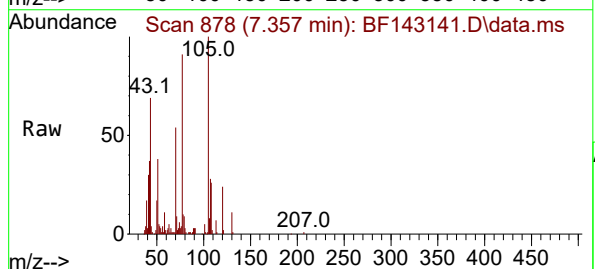
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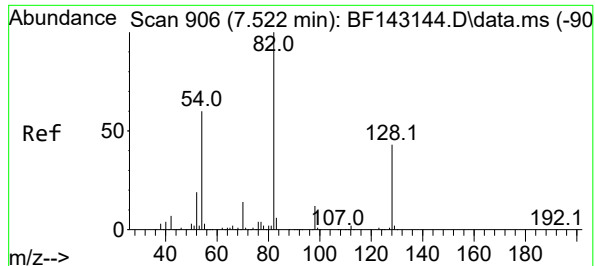
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

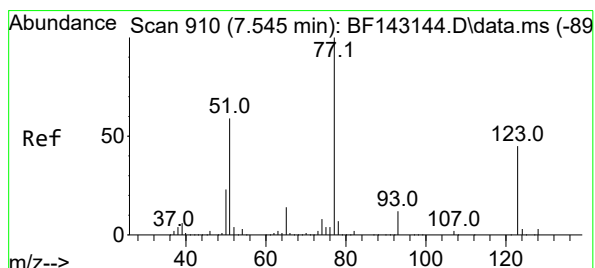
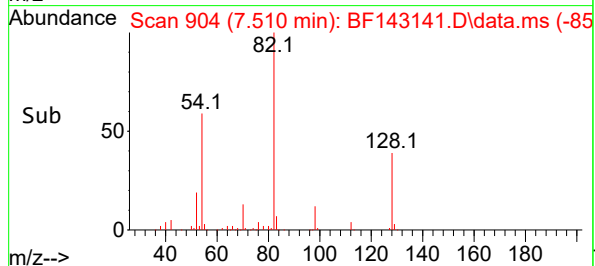
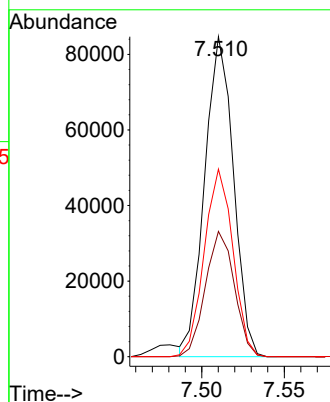
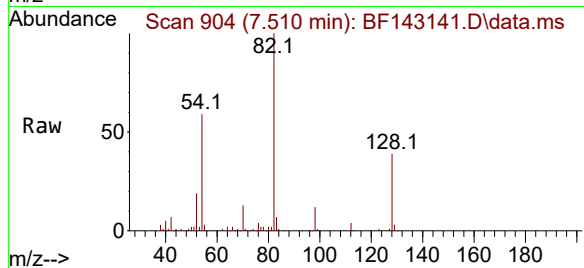
54 58.6 47.1 70.7

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

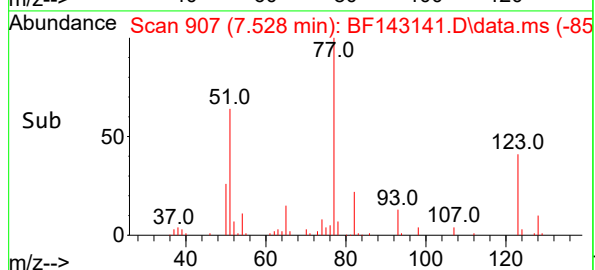
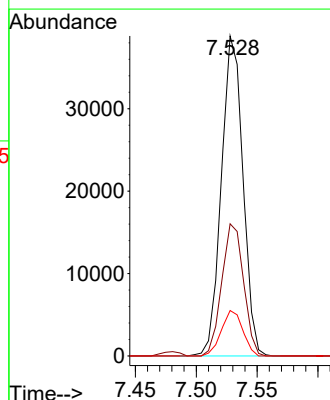
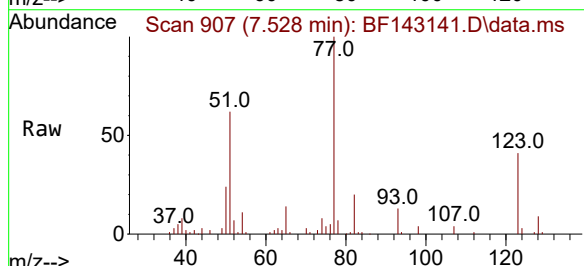
Tgt Ion: 77 Resp: 47902

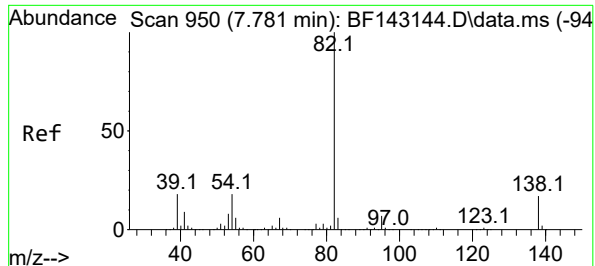
Ion Ratio Lower Upper

77 100

123 41.3 36.1 54.1

65 14.2 11.4 17.2





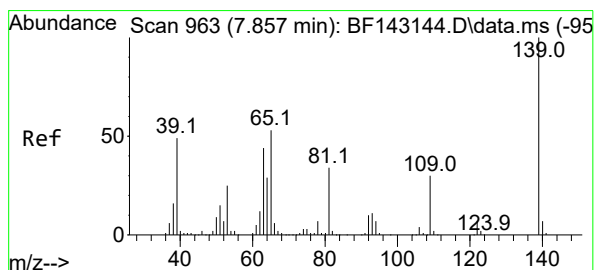
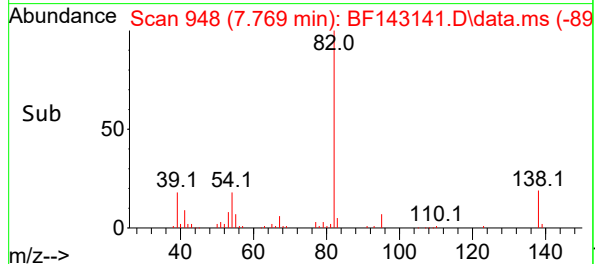
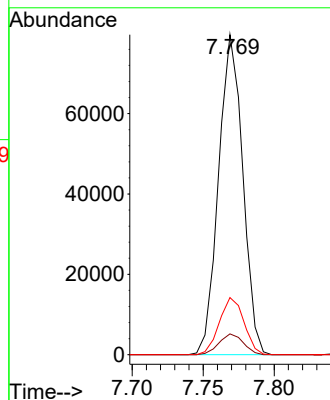
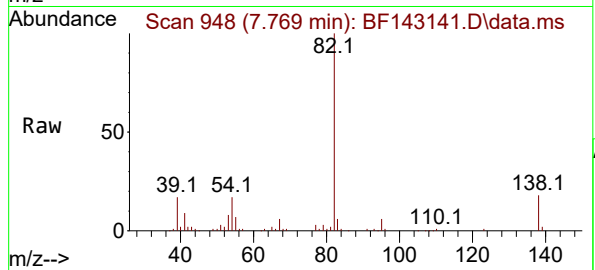
#25
Isophorone
Concen: 5.279 ng
RT: 7.769 min Scan# 94
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

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

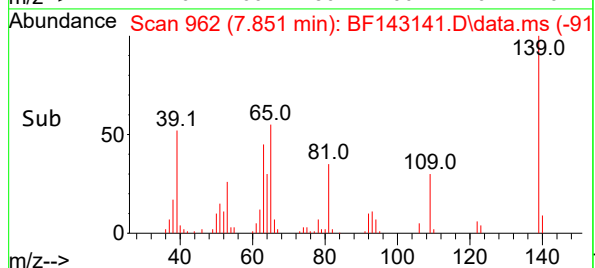
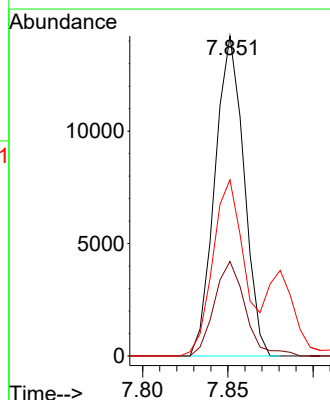
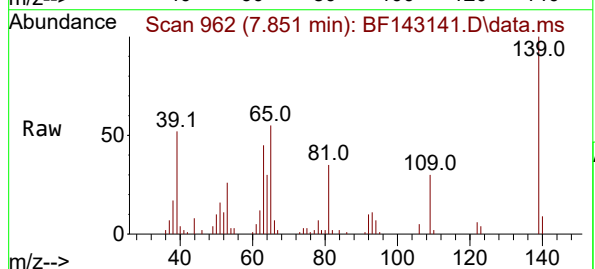
Manual Integrations
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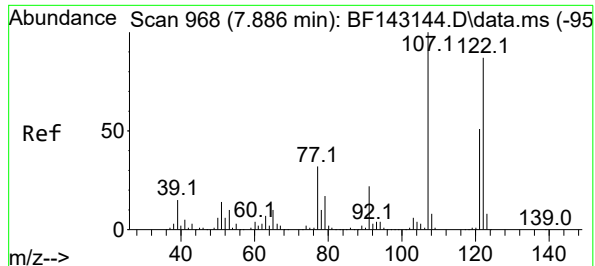
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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 :

SSTDIC005

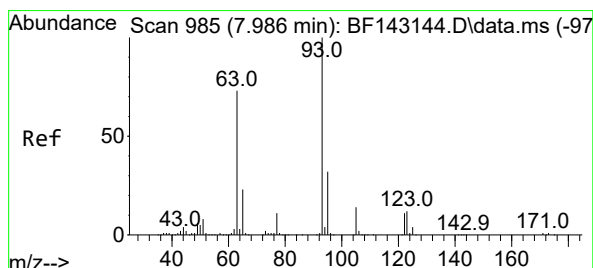
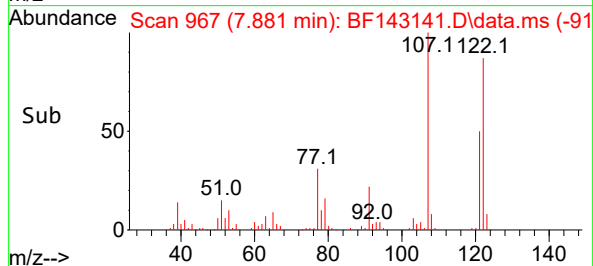
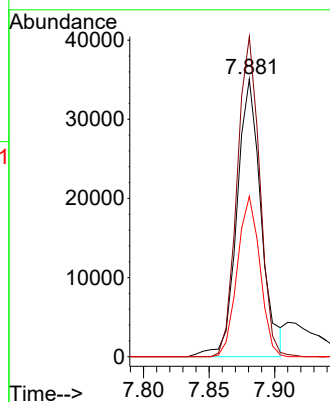
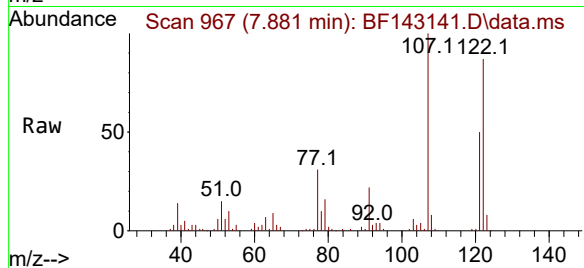
Tgt Ion:	122	Resp:	44954
Ion	Ratio	Lower	Upper
122	100		
107	115.3	91.8	137.6
121	57.8	46.3	69.5

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

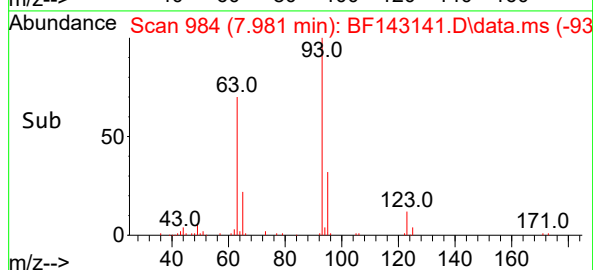
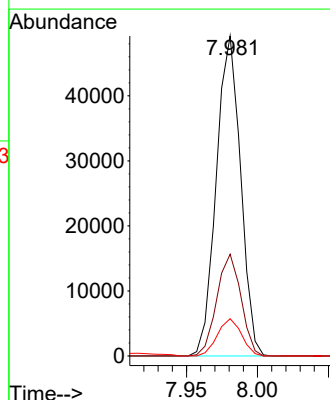
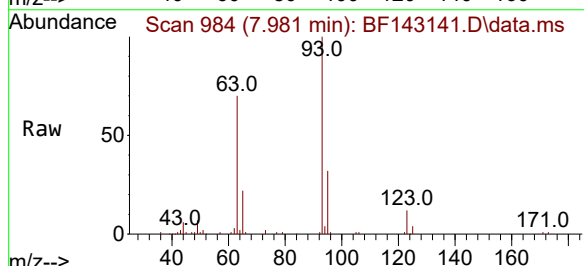
RT: 7.981 min Scan# 984

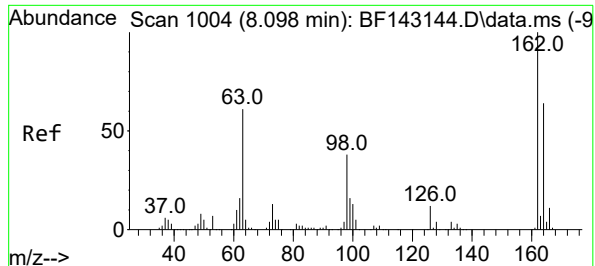
Delta R.T. -0.006 min

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

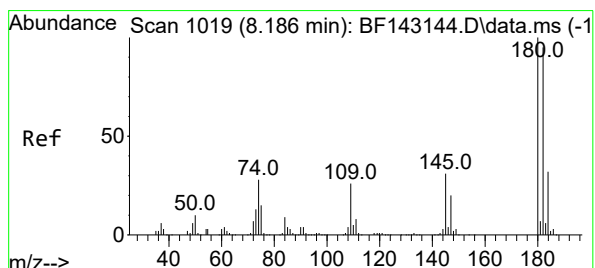
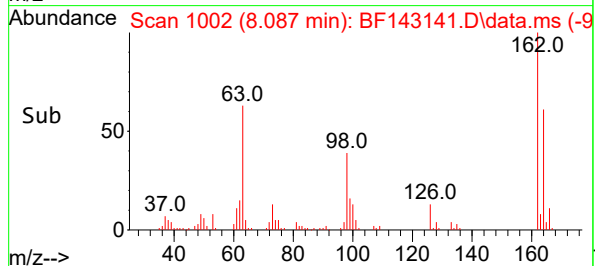
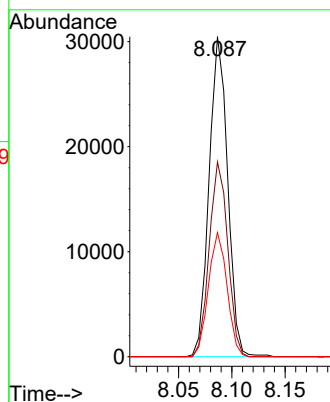
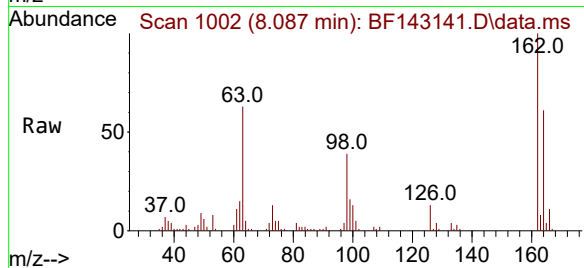
Tgt Ion:162 Resp: 36884
Ion Ratio Lower Upper
162 100
164 60.8 44.2 84.2
98 38.7 17.9 57.9

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

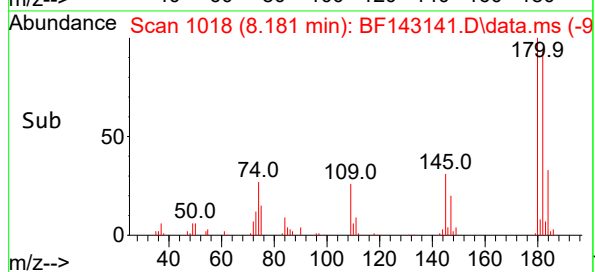
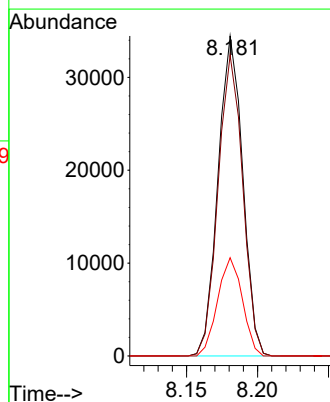
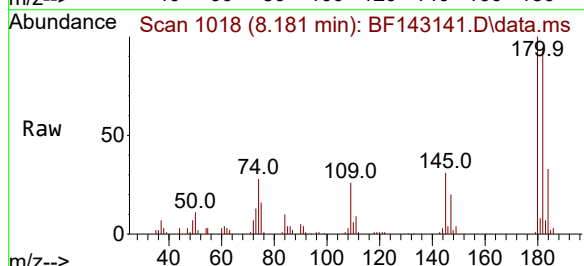
RT: 8.181 min Scan# 1018

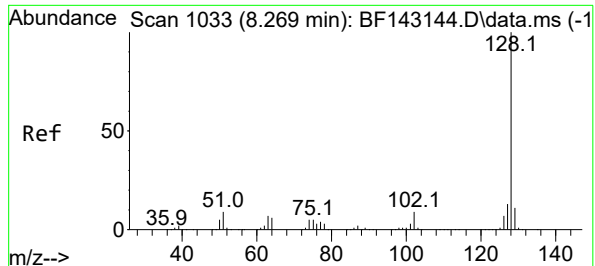
Delta R.T. -0.006 min

Lab File: BF143141.D

Acq: 17 Jul 2025 11:34

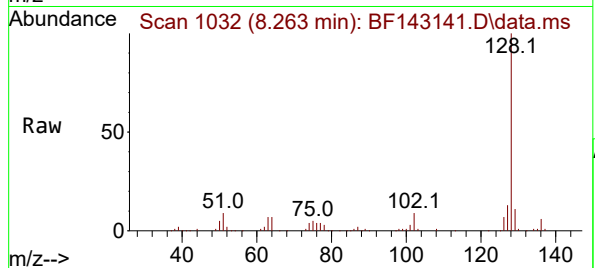
Tgt Ion:180 Resp: 41552
Ion Ratio Lower Upper
180 100
182 94.0 76.2 114.2
145 30.7 25.0 37.6





#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

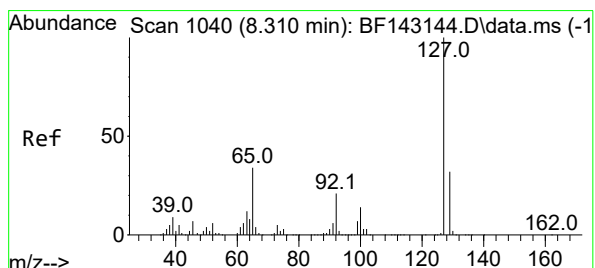
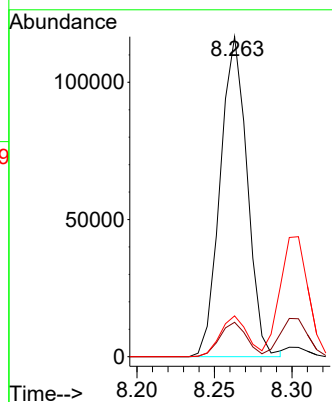
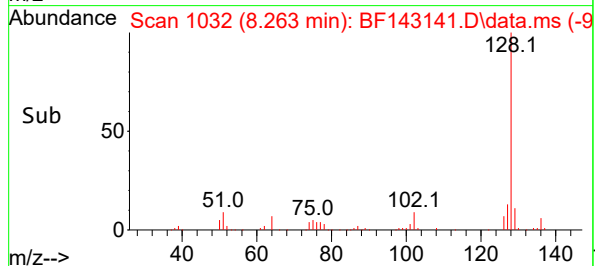
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



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

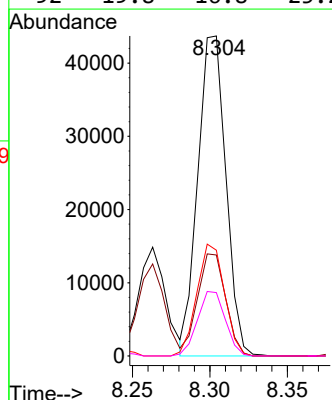
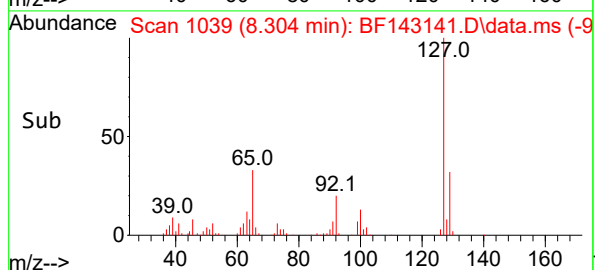
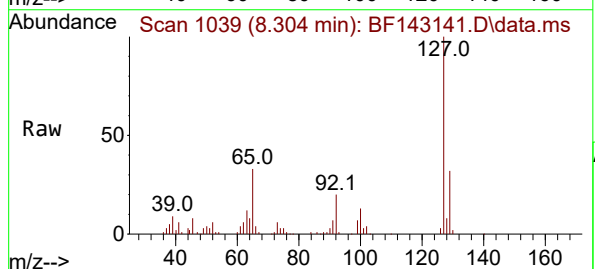
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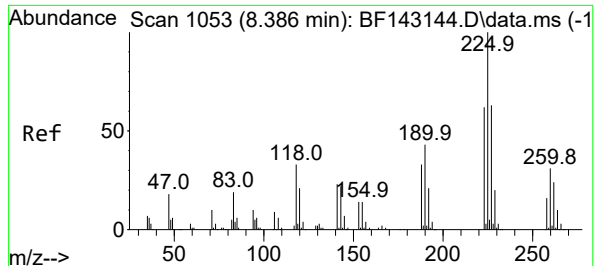
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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





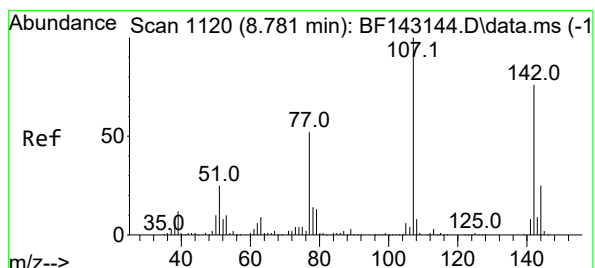
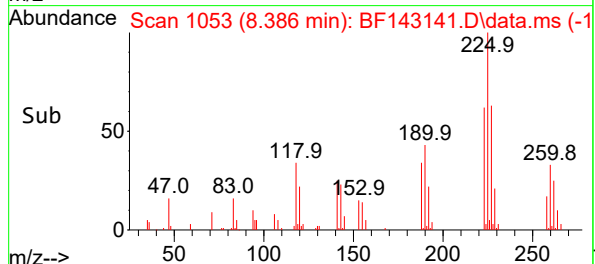
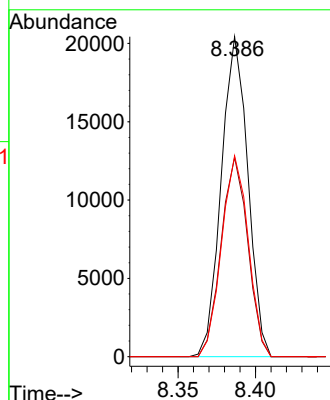
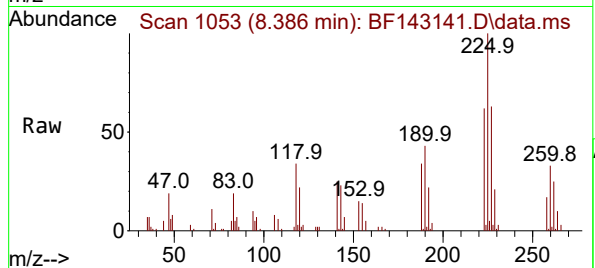
#34
Hexachlorobutadiene
Concen: 5.232 ng
RT: 8.386 min Scan# 1118
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

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

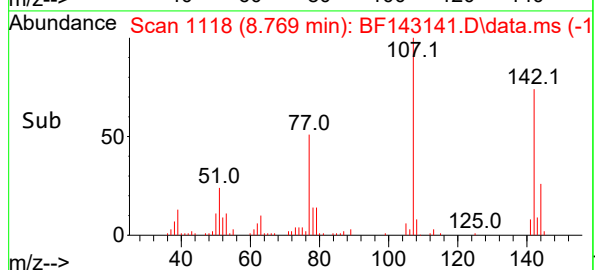
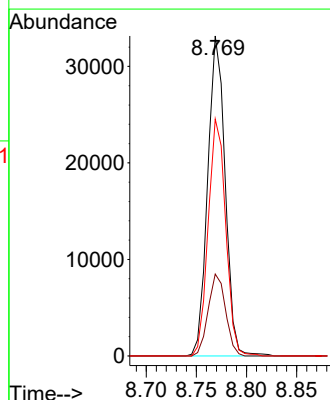
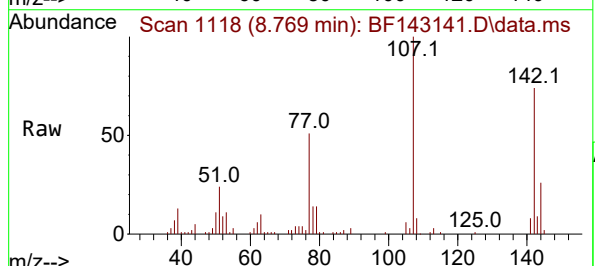
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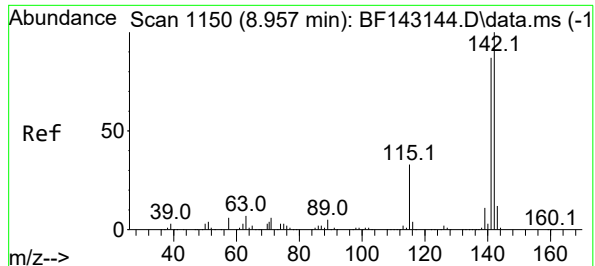
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

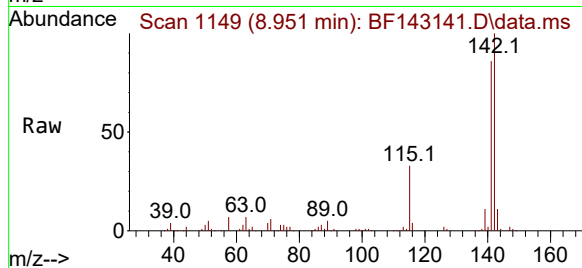
Tgt Ion:107 Resp: 40203
Ion Ratio Lower Upper
107 100
144 25.6 19.8 29.6
142 74.1 60.6 90.8





#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

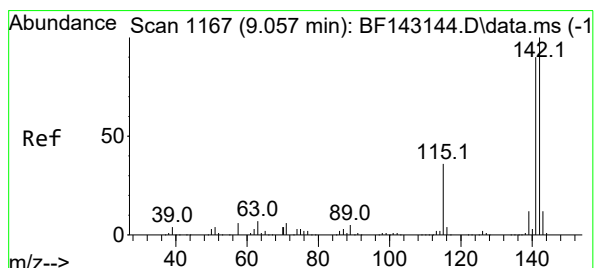
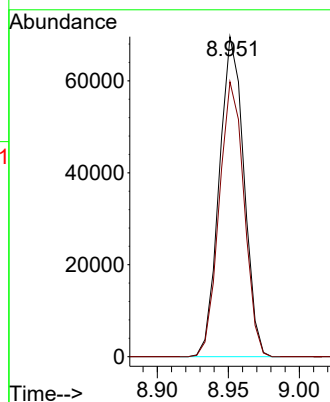
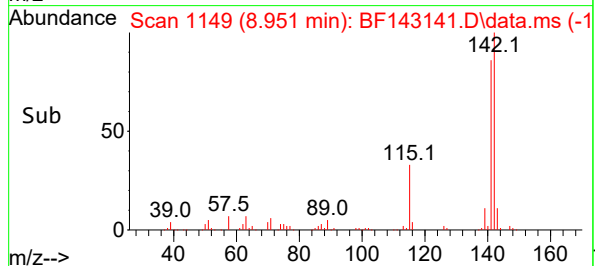
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



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

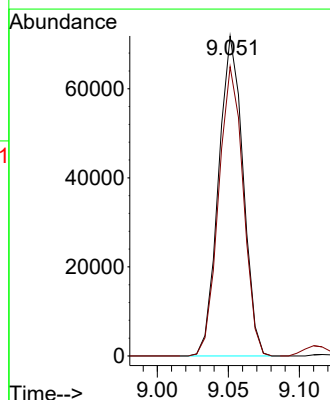
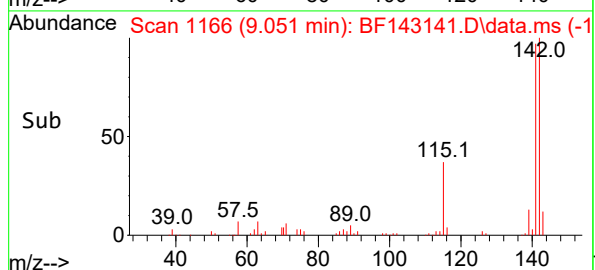
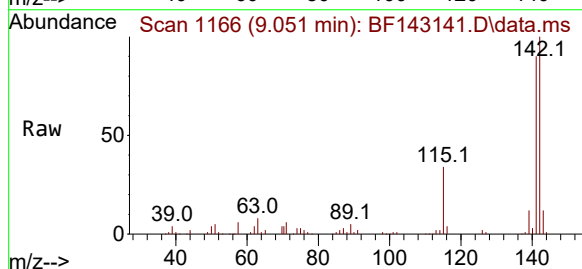
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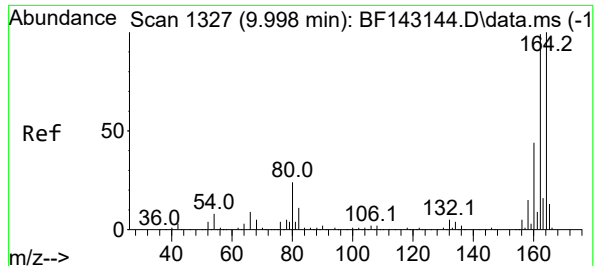
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

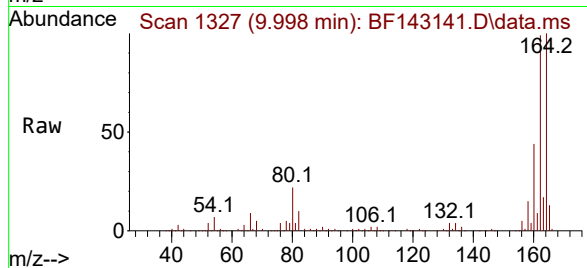
Acq: 17 Jul 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005



Tgt Ion:164 Resp: 263409

Ion Ratio Lower Upper

164 100

162 99.5 79.0 118.6

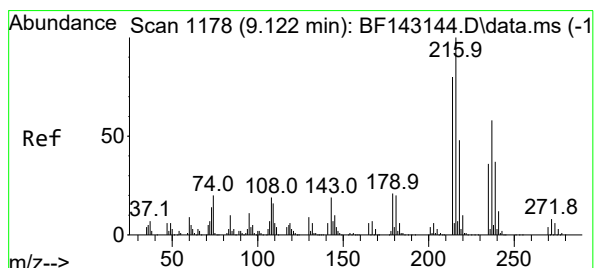
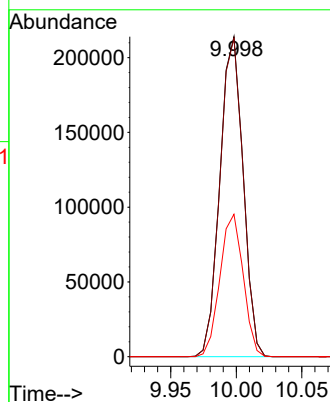
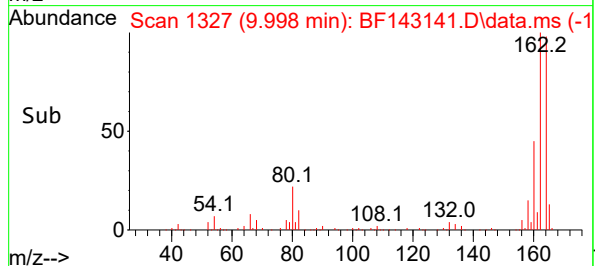
160 44.5 35.1 52.7

Manual Integrations

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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

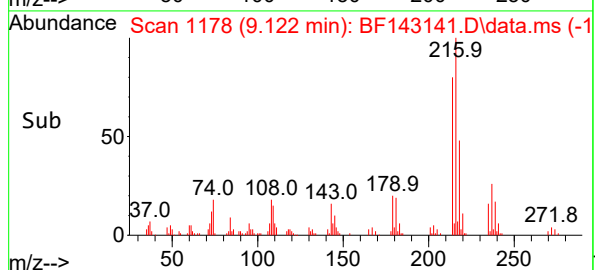
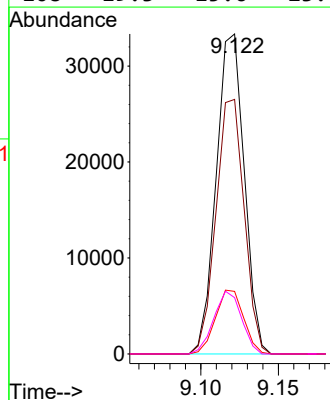
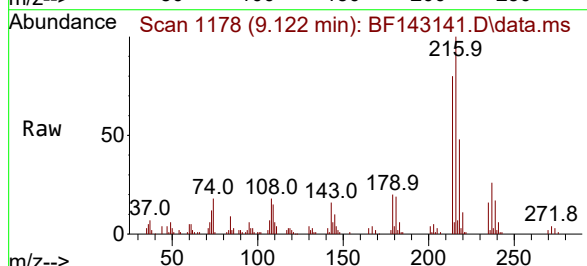
Ion Ratio Lower Upper

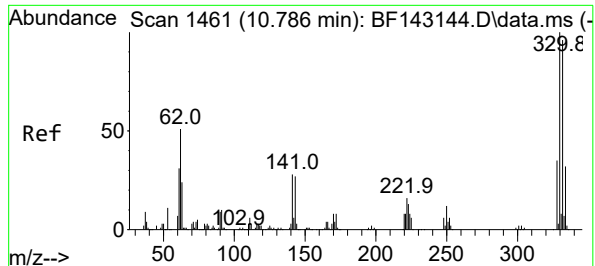
216 100

214 79.9 63.8 95.8

179 20.1 16.4 24.6

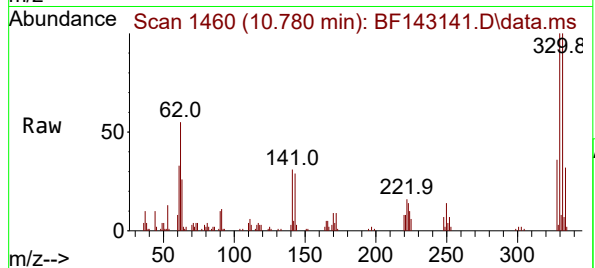
108 19.3 15.6 23.4





#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

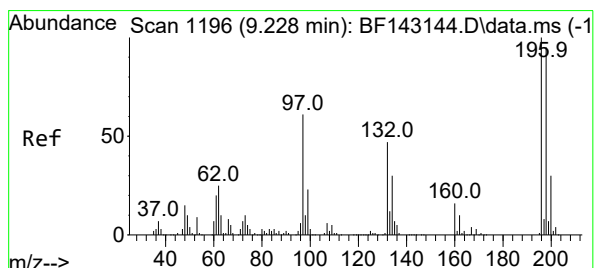
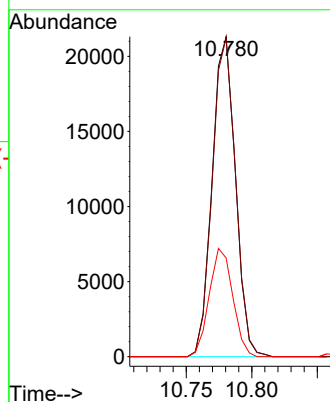
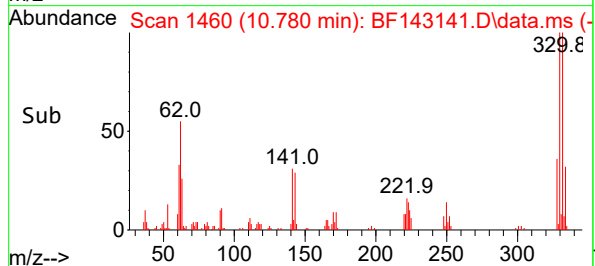
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



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

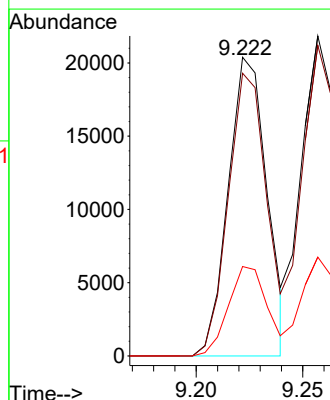
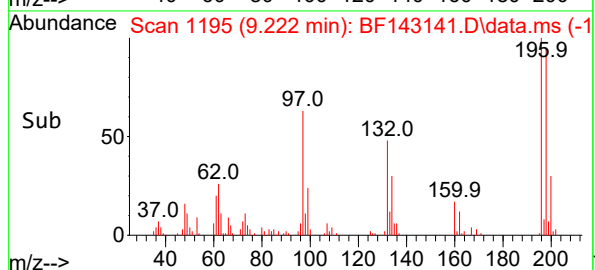
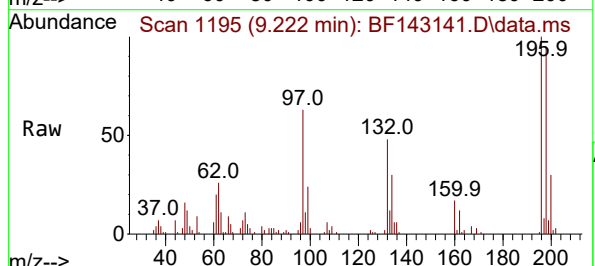
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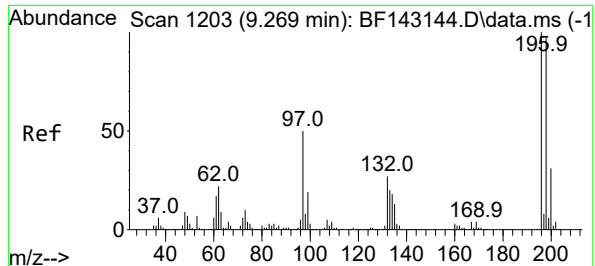
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

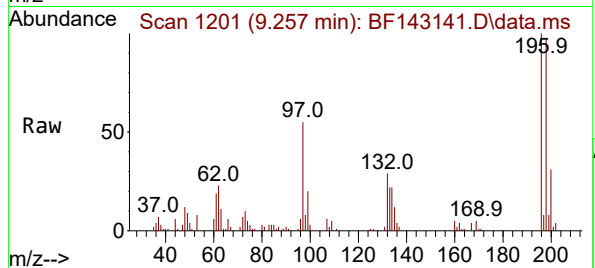
Acq: 17 Jul 2025 11:34

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

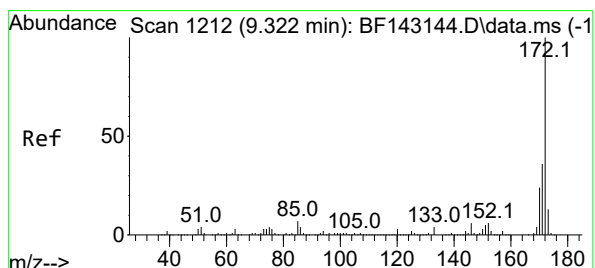
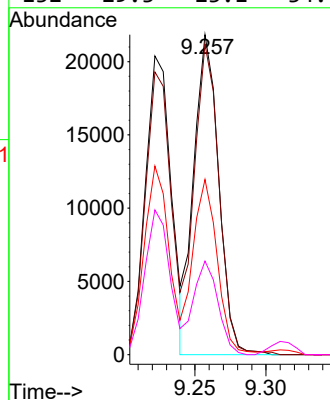
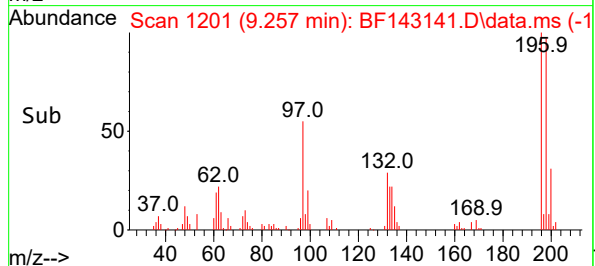
132 29.3 23.1 34.7

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#45

2-Fluorobiphenyl

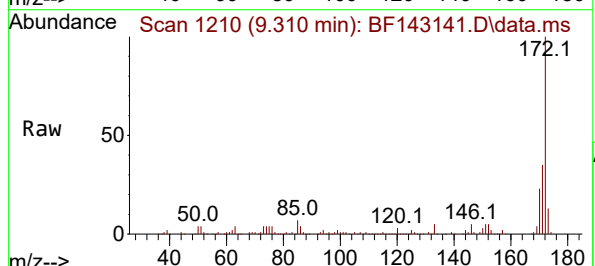
Concen: 12.043 ng

RT: 9.310 min Scan# 1210

Delta R.T. -0.012 min

Lab File: BF143141.D

Acq: 17 Jul 2025 11:34



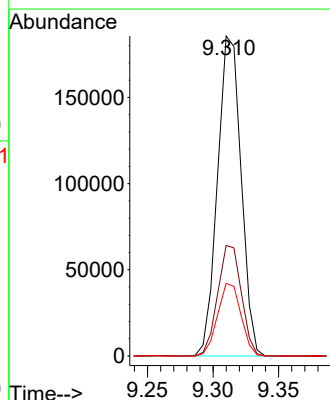
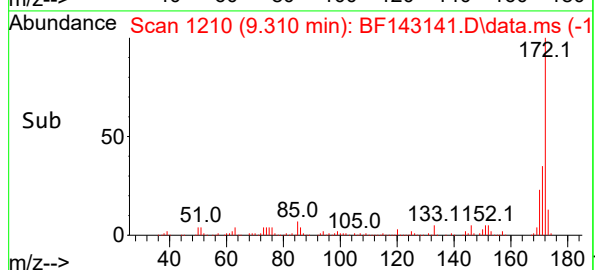
Tgt Ion:172 Resp: 231962

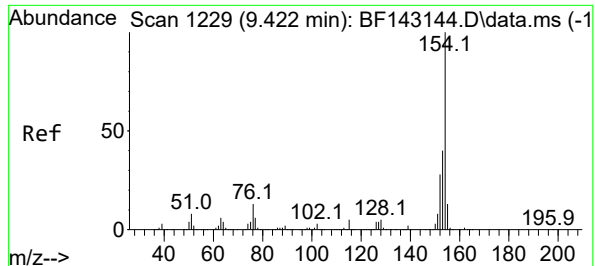
Ion Ratio Lower Upper

172 100

171 34.6 28.6 42.8

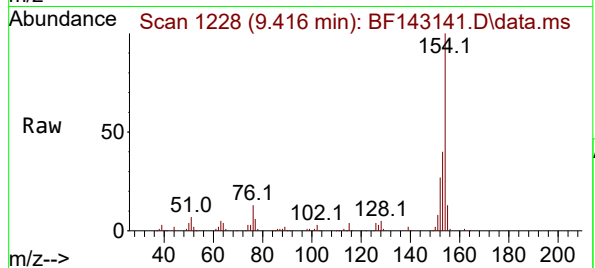
170 22.7 18.8 28.2





#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

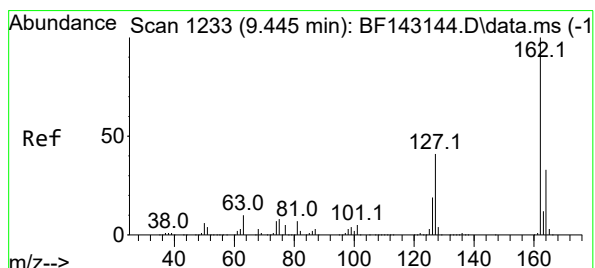
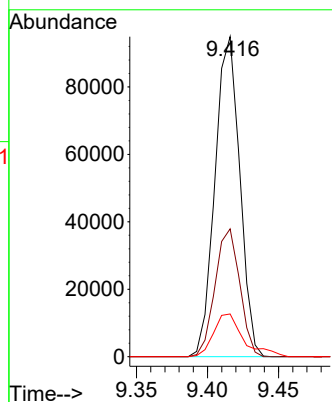
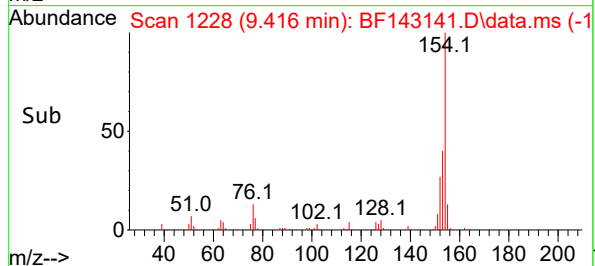
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



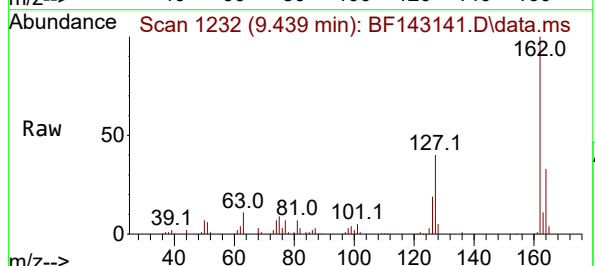
Tgt Ion:154 Resp: 115130
Ion Ratio Lower Upper
154 100
153 40.0 20.3 60.3
76 13.4 0.0 33.3

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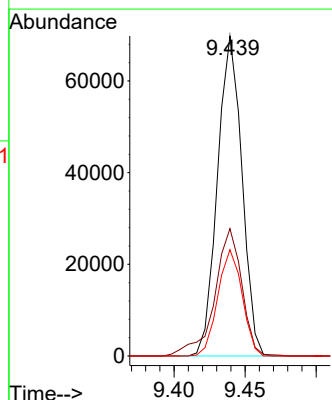
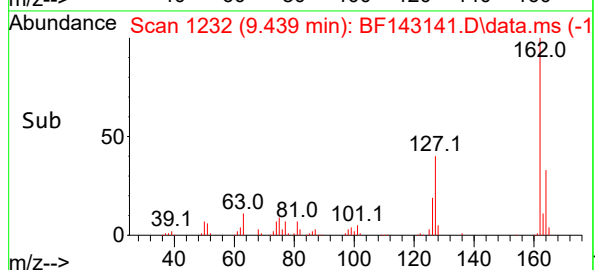
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

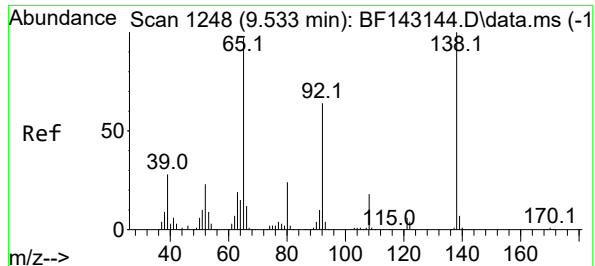


#47
2-Chloronaphthalene
Concen: 5.491 ng
RT: 9.439 min Scan# 1232
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34



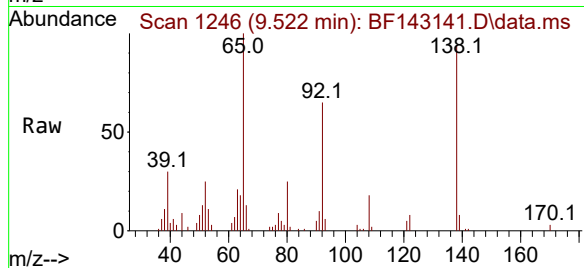
Tgt Ion:162 Resp: 83495
Ion Ratio Lower Upper
162 100
127 39.8 33.4 50.2
164 33.2 26.2 39.2





#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

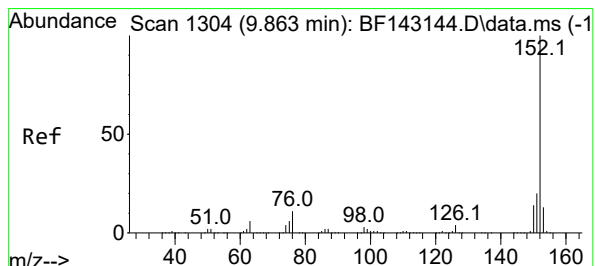
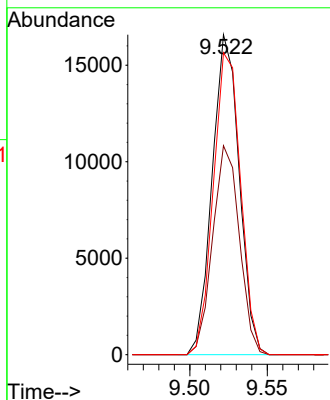
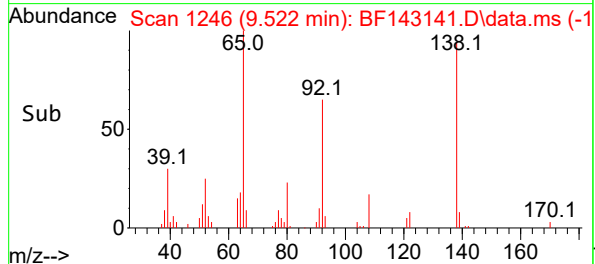
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



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

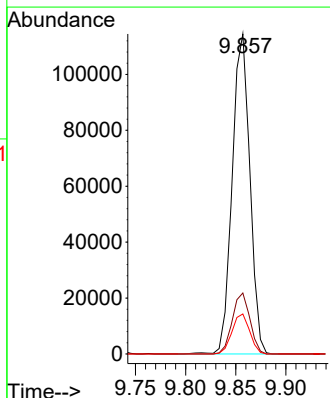
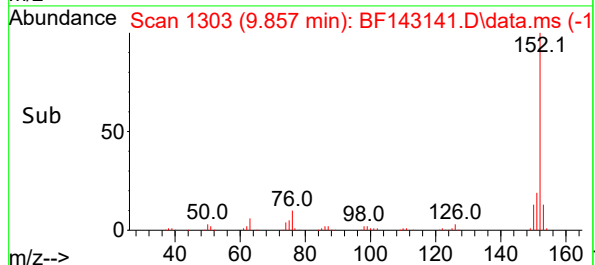
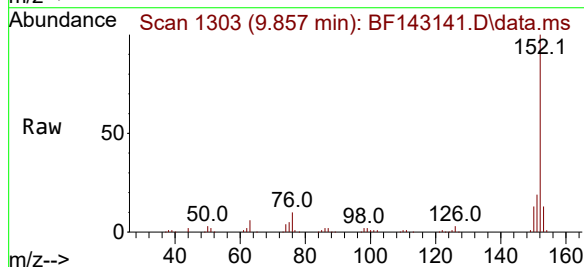
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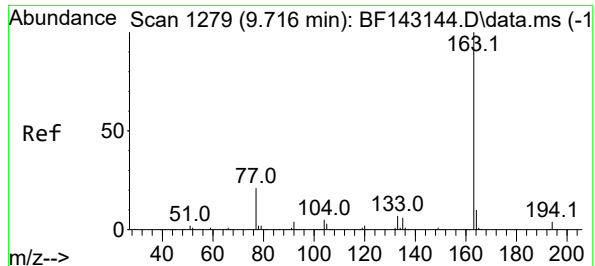
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

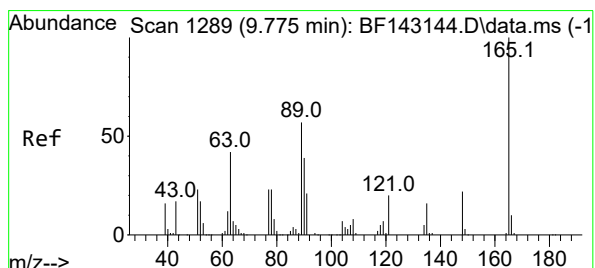
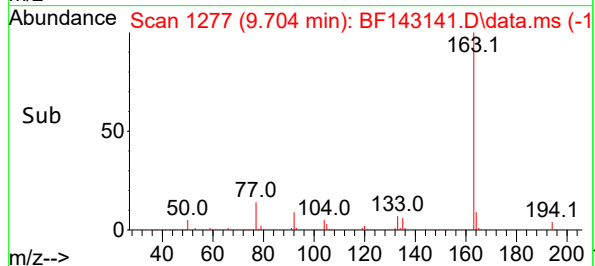
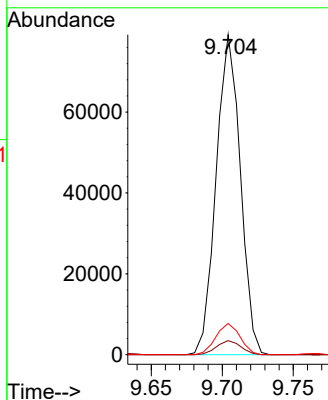
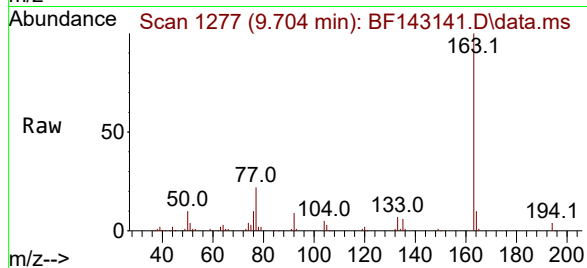
164 9.8 8.3 12.5

Manual Integrations

APPROVED

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

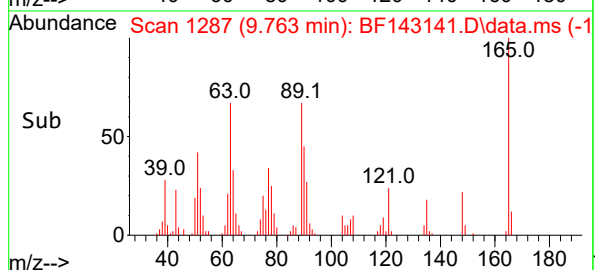
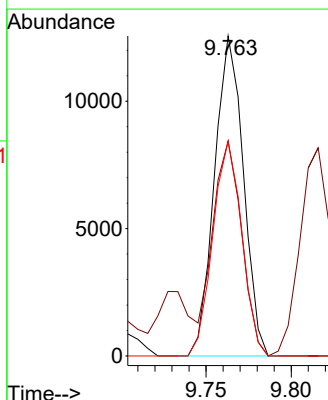
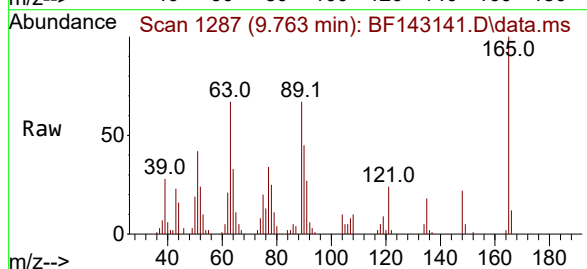
Tgt Ion:165 Resp: 14787

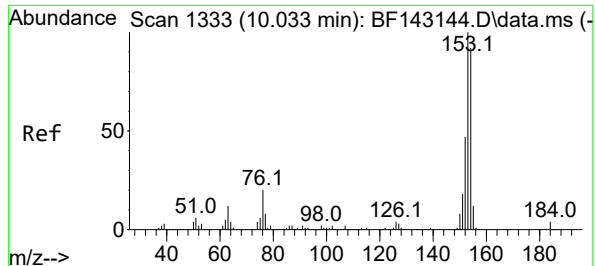
Ion Ratio Lower Upper

165 100

63 67.1 49.4 74.2

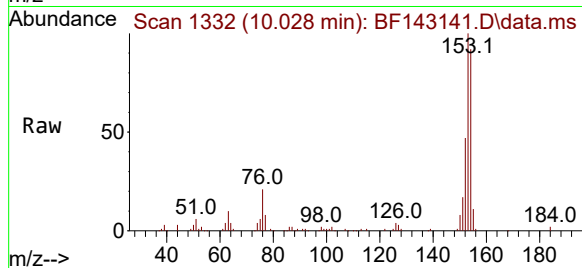
89 67.2 46.2 69.2





#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

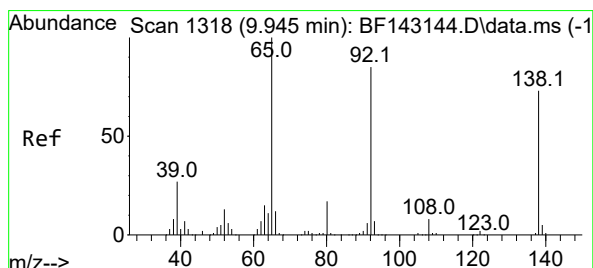
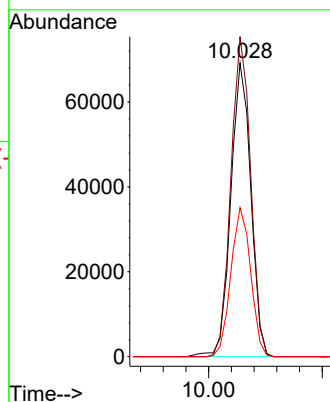
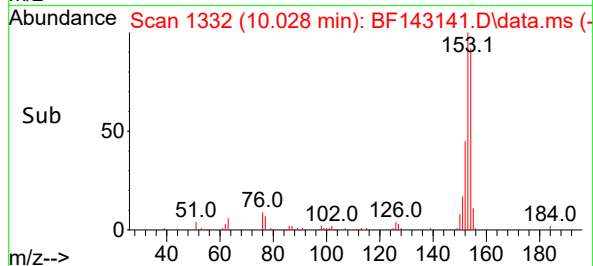
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



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

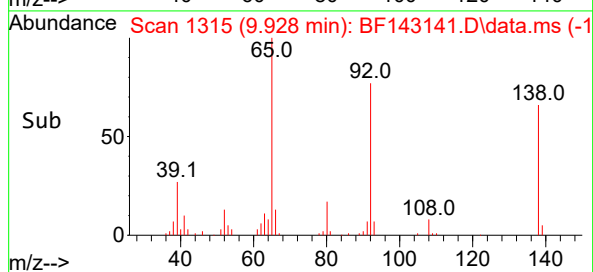
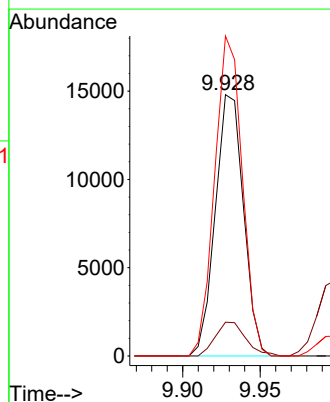
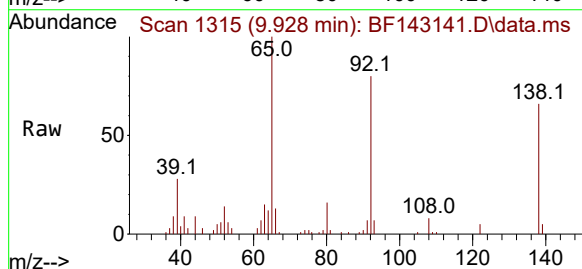
Manual Integrations
APPROVED

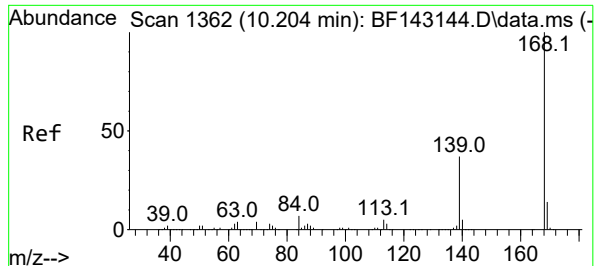
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

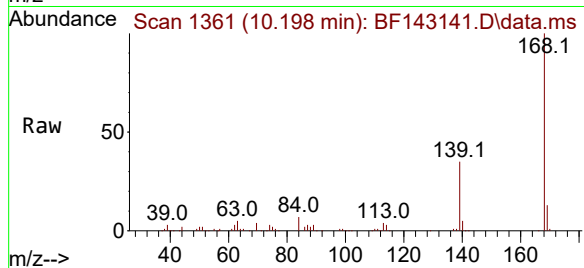
Tgt Ion:138 Resp: 18738
Ion Ratio Lower Upper
138 100
108 12.9 9.0 13.6
92 122.5 93.0 139.4





#55
Dibenzenofuran
Concen: 5.681 ng
RT: 10.198 min Scan# 1361
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

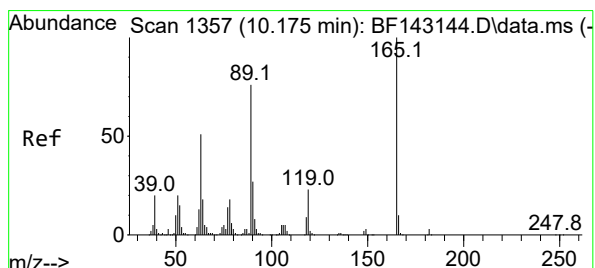
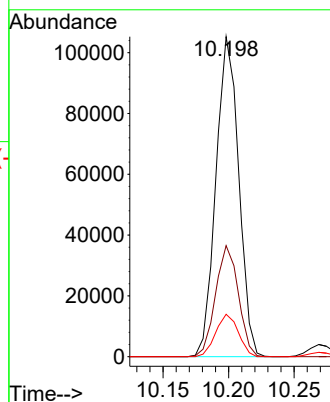
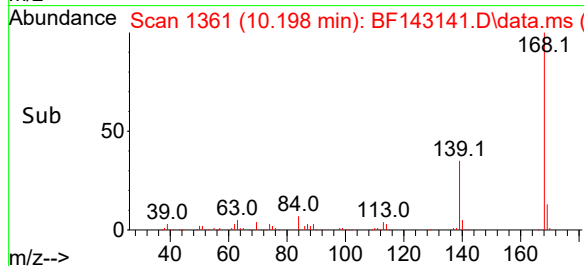
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



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

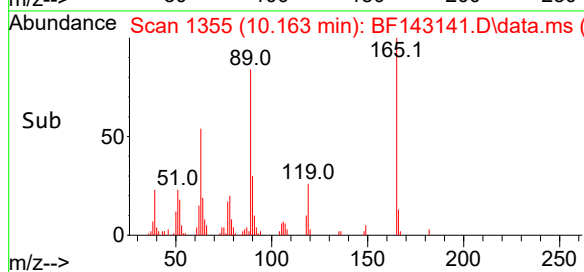
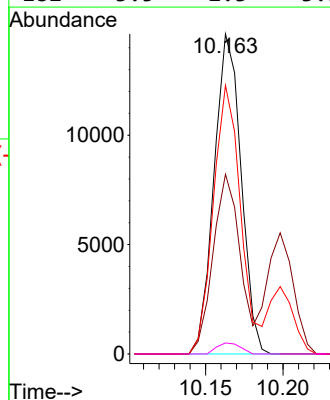
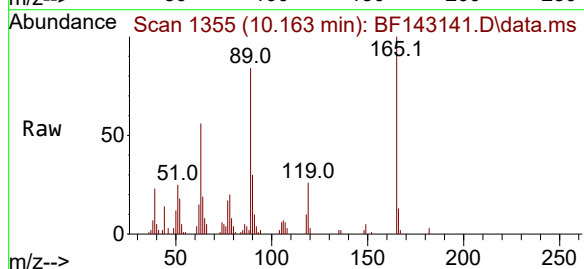
Manual Integrations
APPROVED

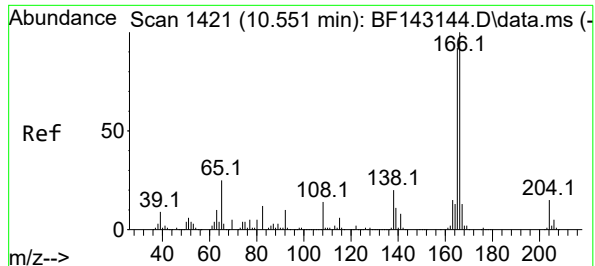
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

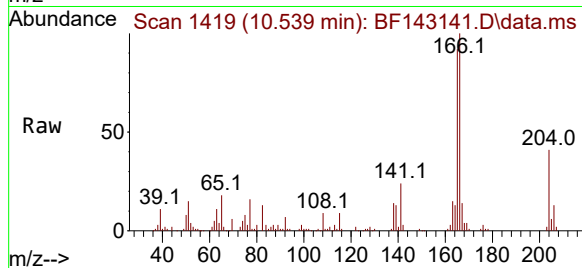
Tgt Ion:165 Resp: 17709
Ion Ratio Lower Upper
165 100
63 56.1 41.0 61.4
89 83.9 61.1 91.7
182 3.5 2.3 3.5





#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

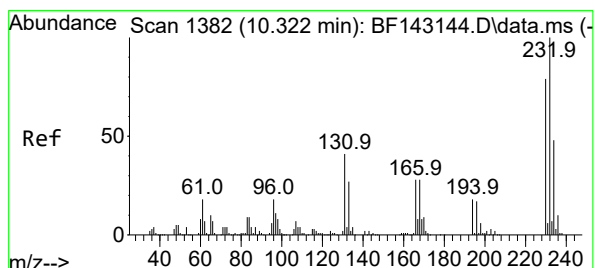
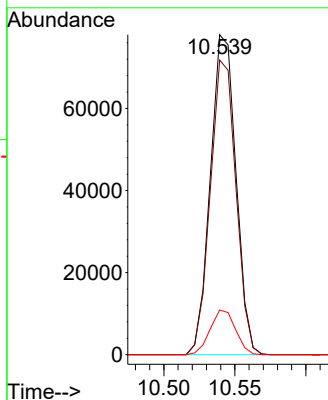
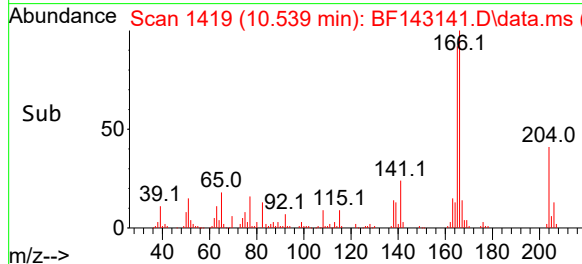
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



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

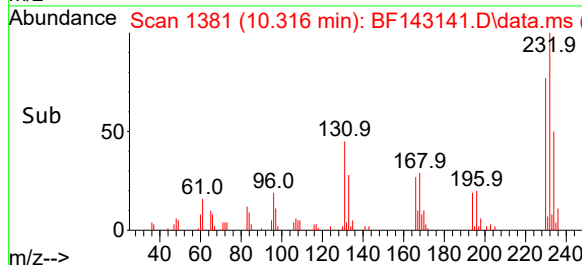
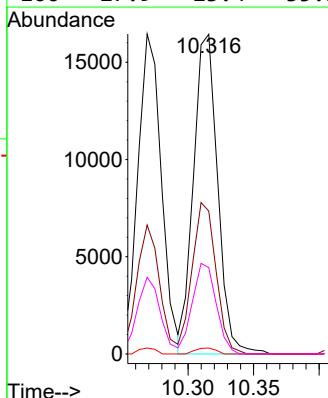
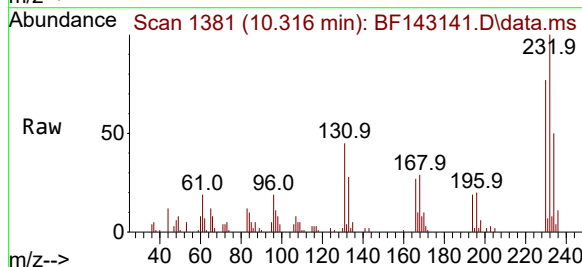
Manual Integrations
APPROVED

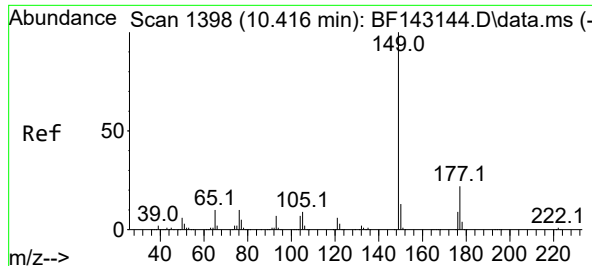
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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





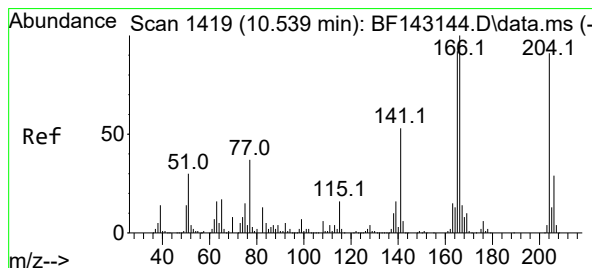
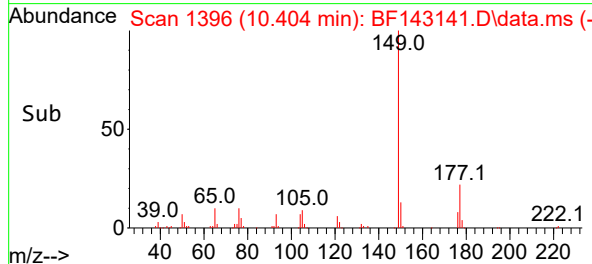
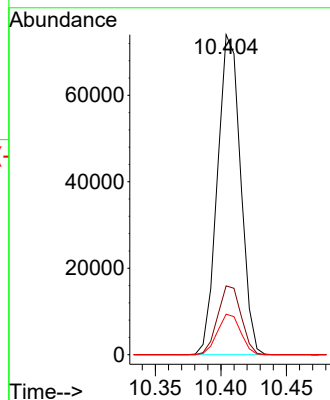
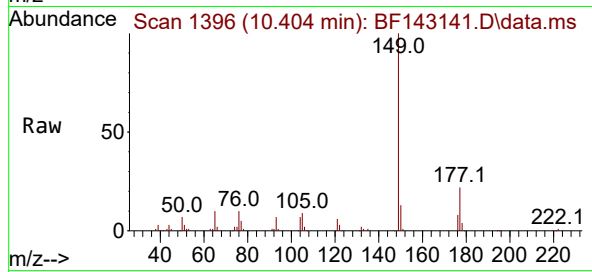
#60
Diethylphthalate
Concen: 5.342 ng
RT: 10.404 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

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

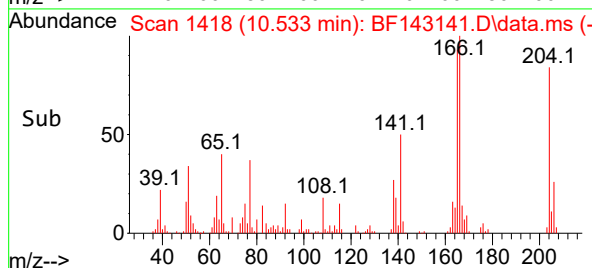
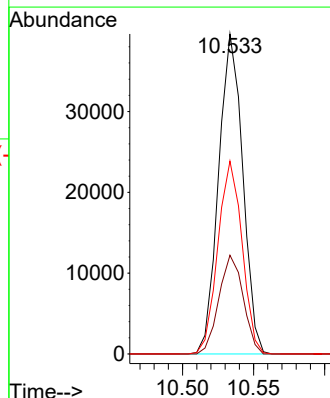
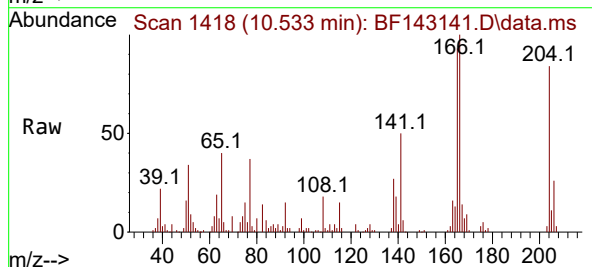
Manual Integrations
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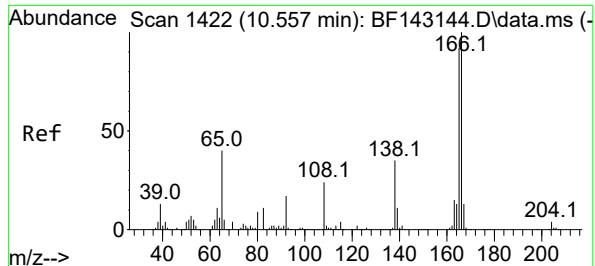
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

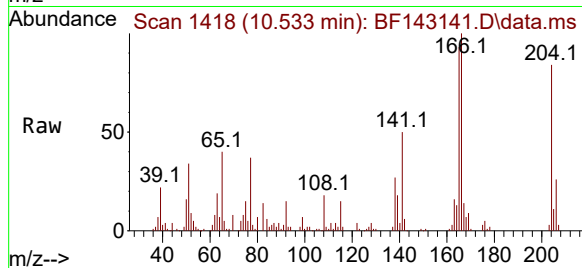
Tgt Ion:204 Resp: 46747
Ion Ratio Lower Upper
204 100
206 30.8 25.8 38.8
141 60.2 47.0 70.4





#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

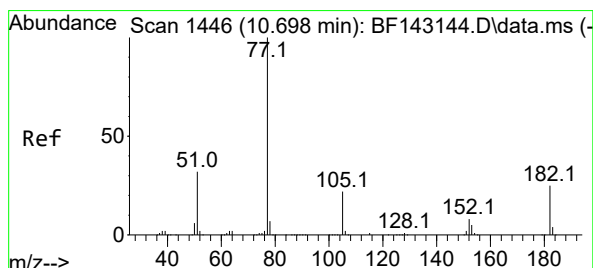
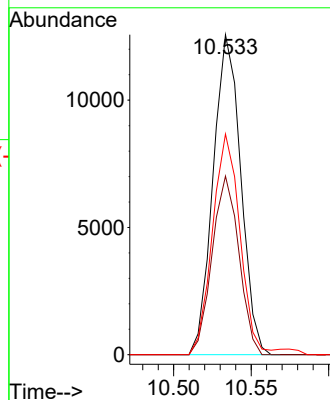
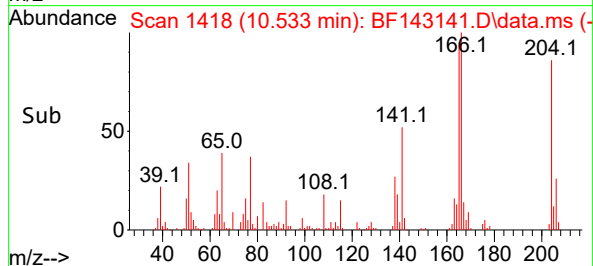
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



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

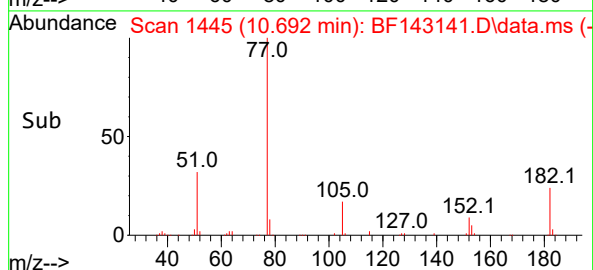
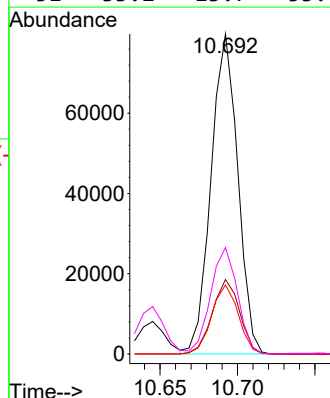
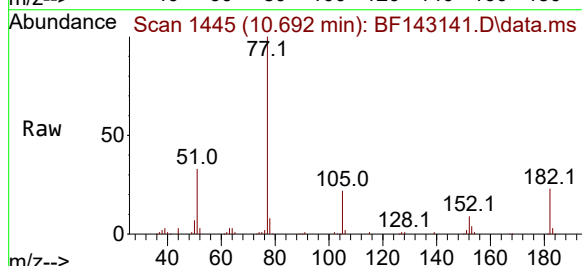
Manual Integrations
APPROVED

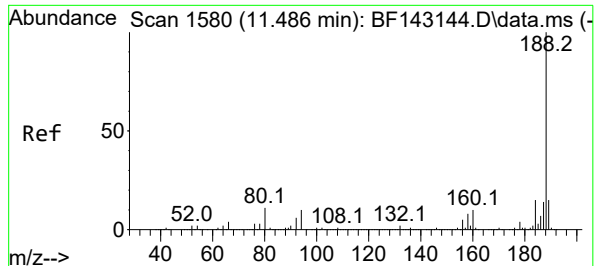
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

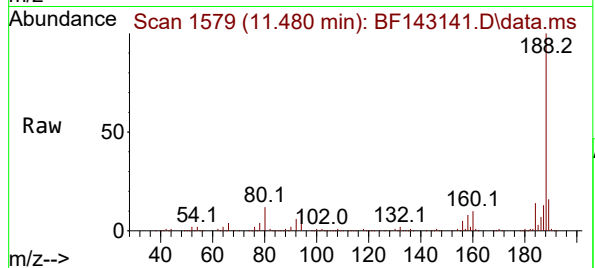
Tgt Ion: 77 Resp: 95602
Ion Ratio Lower Upper
77 100
182 23.2 4.6 44.6
105 21.5 1.4 41.4
51 33.2 13.7 53.7





#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

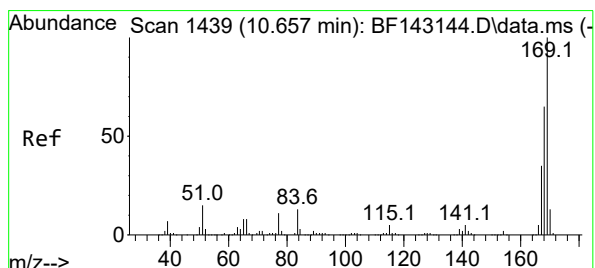
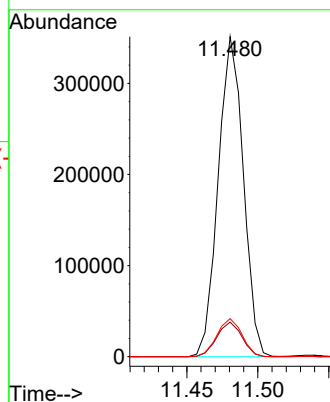
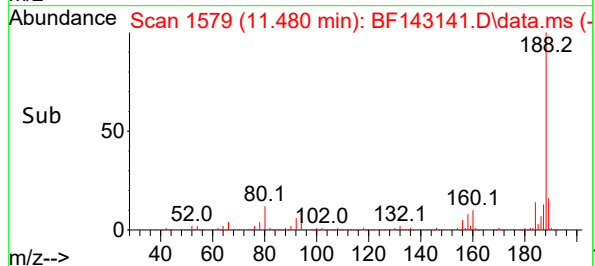
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



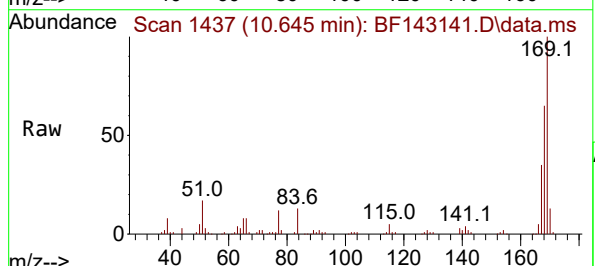
Tgt Ion:188 Resp: 432329
Ion Ratio Lower Upper
188 100
94 10.8 8.3 12.5
80 11.9 9.0 13.6

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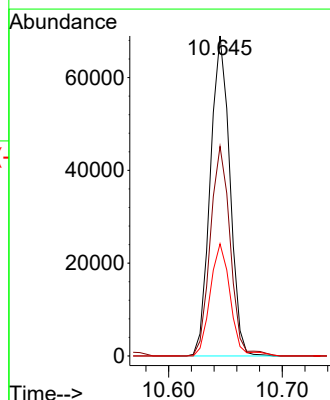
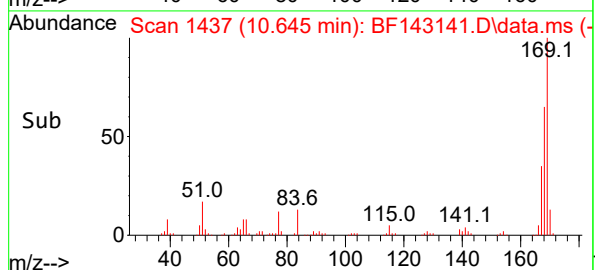
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

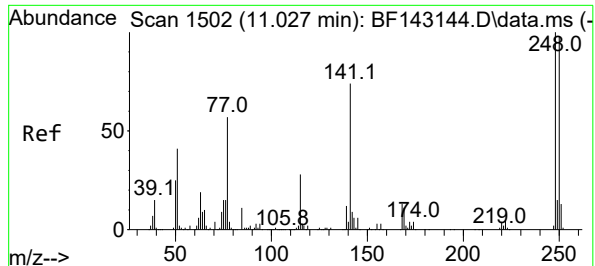


#66
n-Nitrosodiphenylamine
Concen: 5.405 ng
RT: 10.645 min Scan# 1437
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34



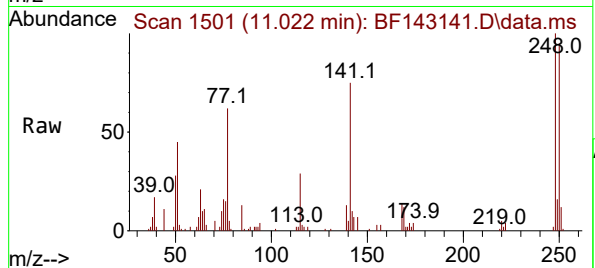
Tgt Ion:169 Resp: 82281
Ion Ratio Lower Upper
169 100
168 65.5 52.1 78.1
167 35.1 28.2 42.2





#67
4-Bromophenyl-phenylether
Concen: 5.291 ng
RT: 11.022 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

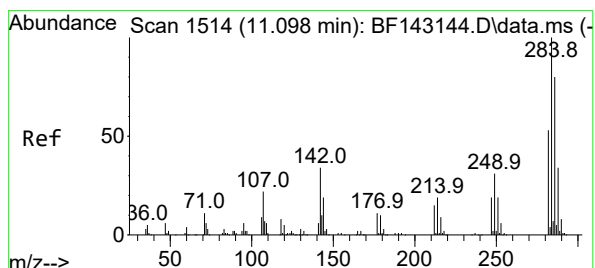
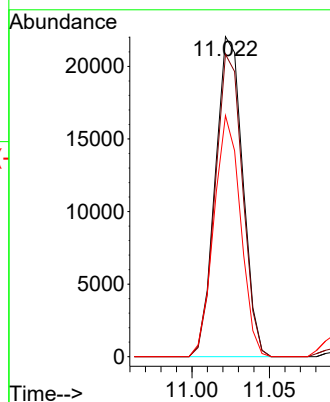
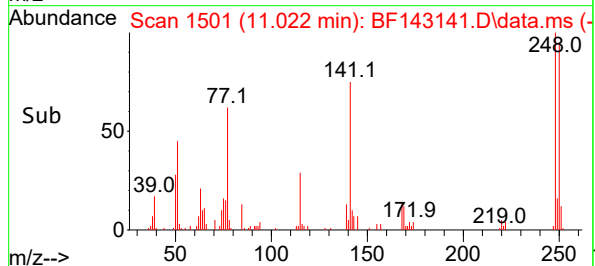
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



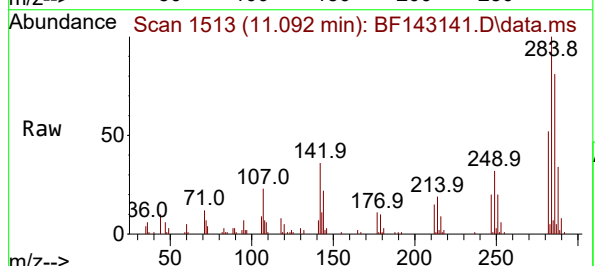
Tgt Ion:248 Resp: 27259
Ion Ratio Lower Upper
248 100
250 94.5 78.3 117.5
141 75.4 59.2 88.8

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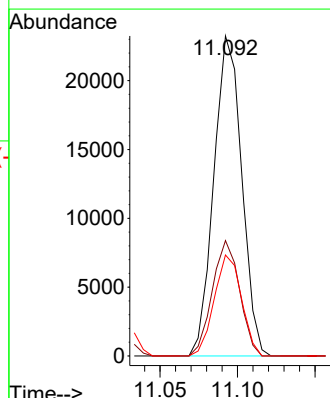
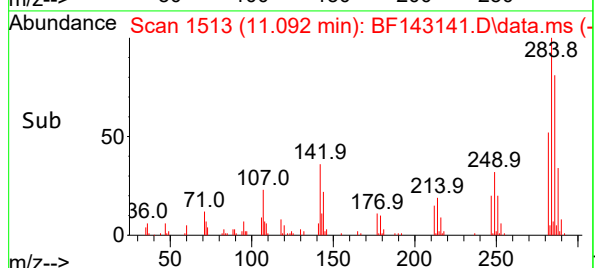
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

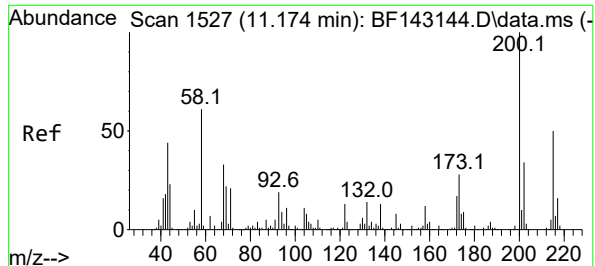


#68
Hexachlorobenzene
Concen: 5.395 ng
RT: 11.092 min Scan# 1513
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34



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

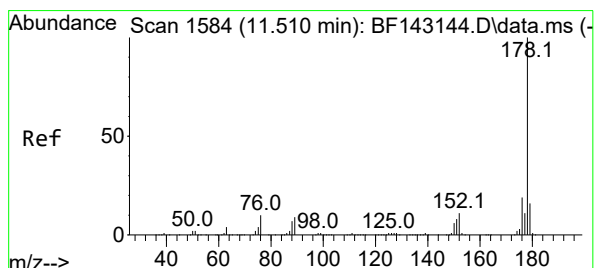
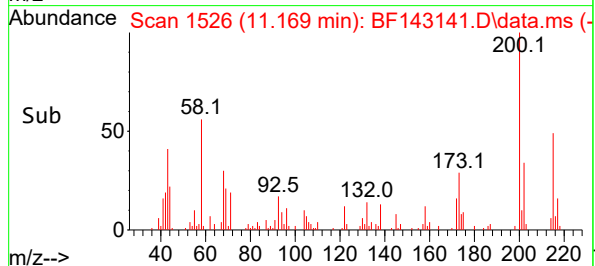
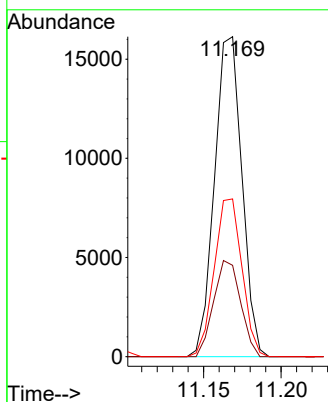
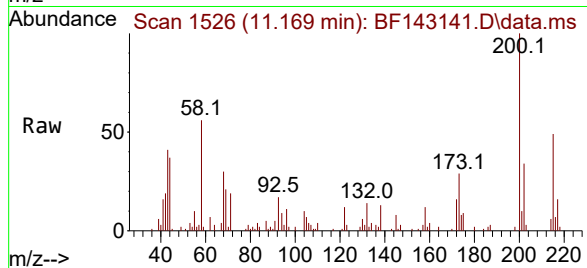
215 49.3 30.1 70.1

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

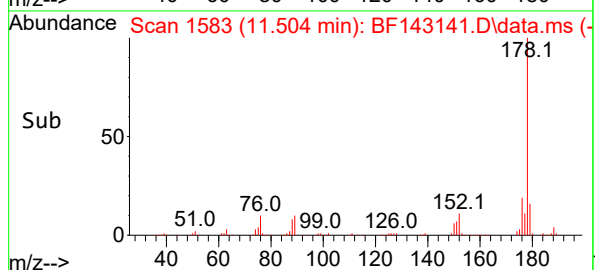
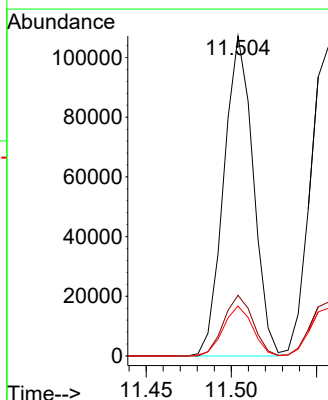
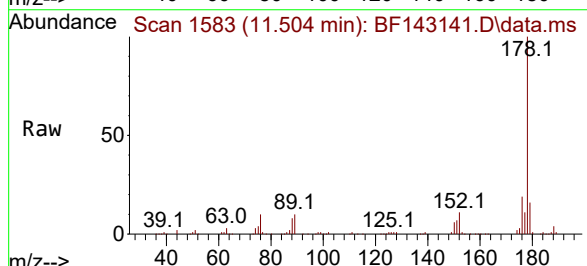
Tgt Ion:178 Resp: 128762

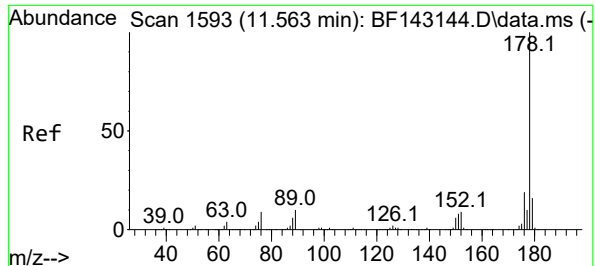
Ion Ratio Lower Upper

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

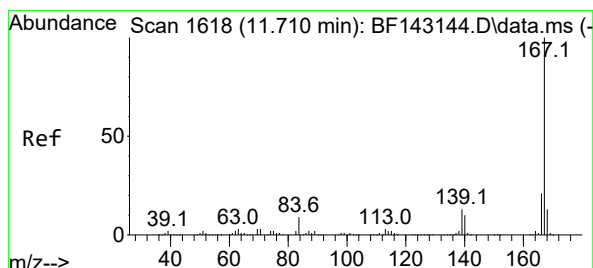
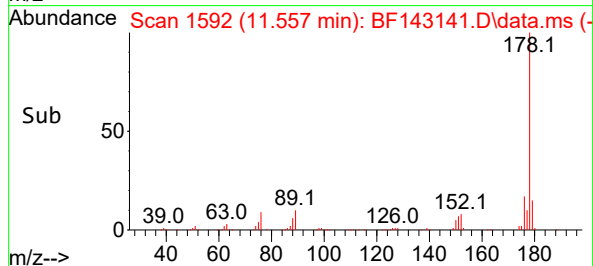
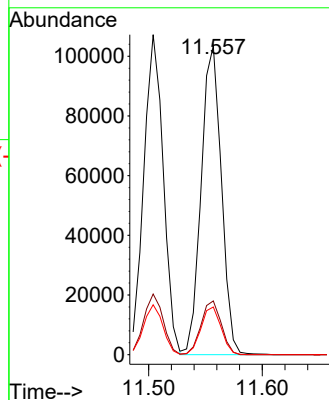
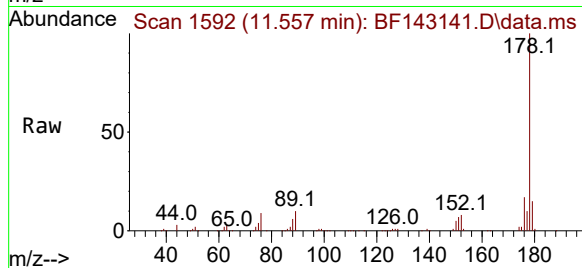
179 15.4 12.5 18.7

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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

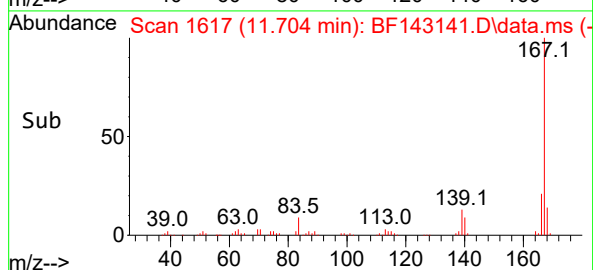
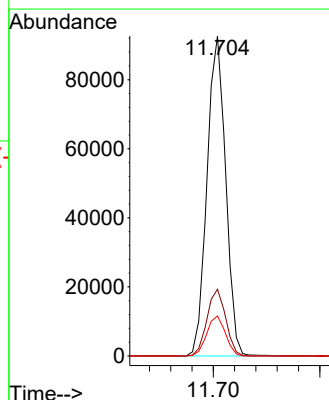
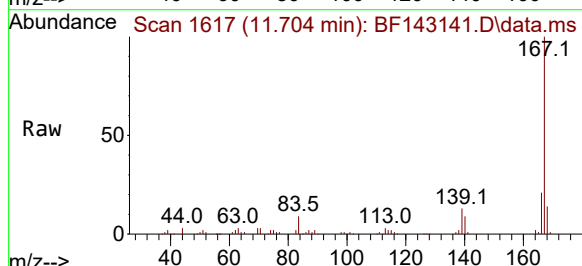
Tgt Ion:167 Resp: 112588

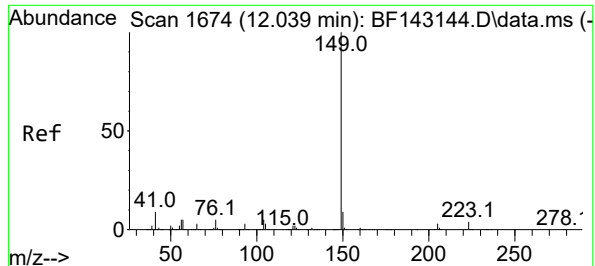
Ion Ratio Lower Upper

167 100

166 20.9 17.0 25.6

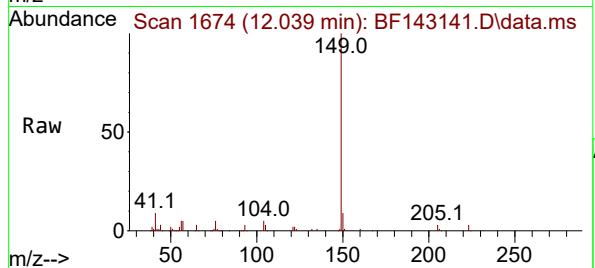
139 12.5 10.0 15.0





#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

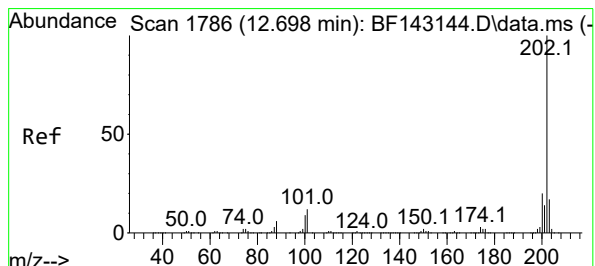
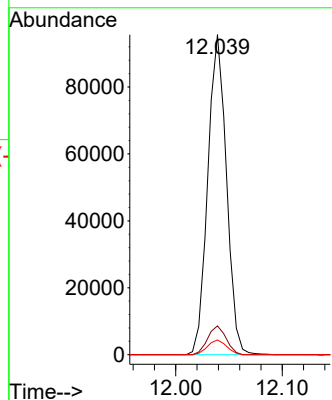
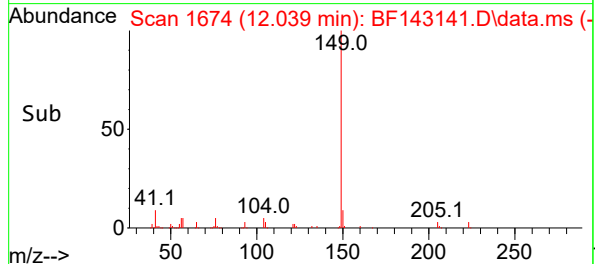
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



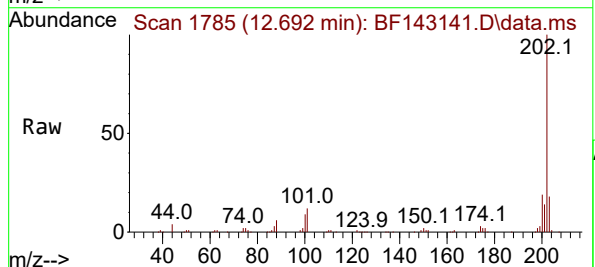
Tgt Ion:149 Resp: 11629
Ion Ratio Lower Upper
149 100
150 9.0 7.4 11.2
104 4.6 3.8 5.8

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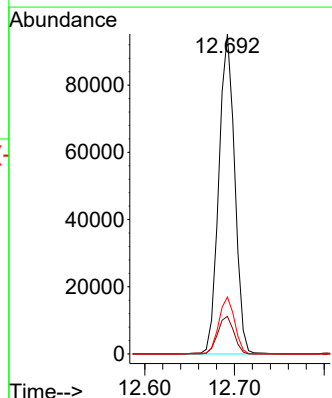
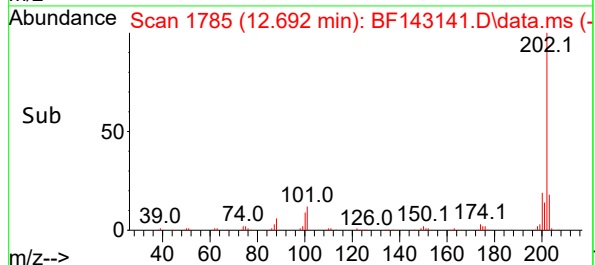
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

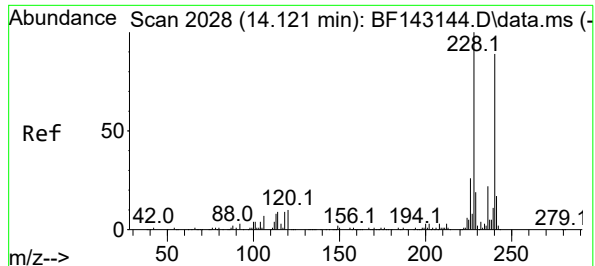


#75
Fluoranthene
Concen: 5.565 ng
RT: 12.692 min Scan# 1785
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34



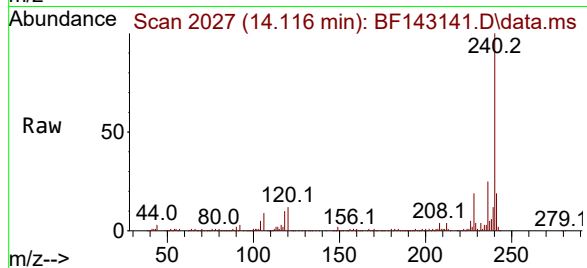
Tgt Ion:202 Resp: 117249
Ion Ratio Lower Upper
202 100
101 11.7 0.0 31.7
203 17.8 0.0 37.4





#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

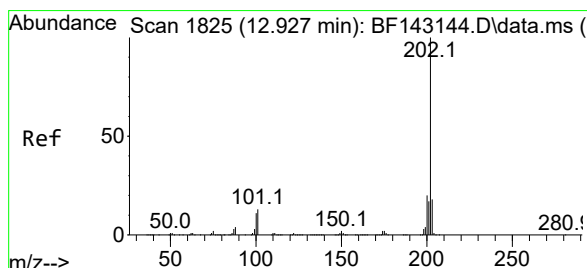
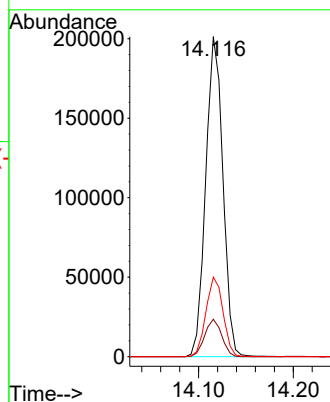
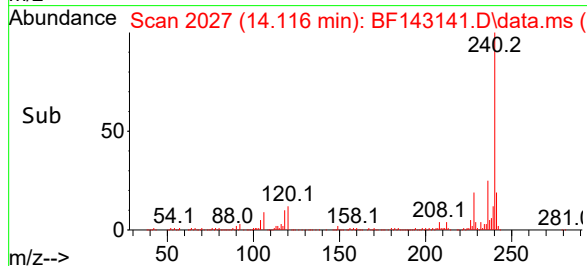
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



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

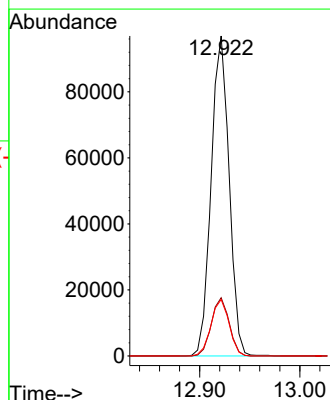
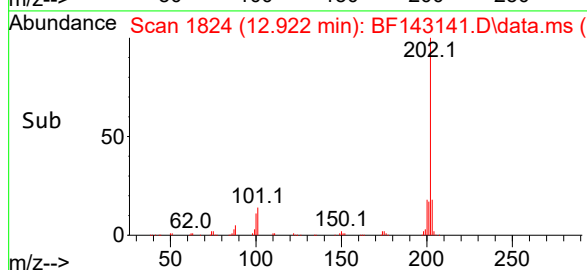
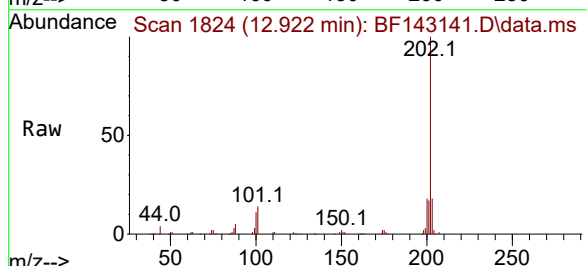
Manual Integrations
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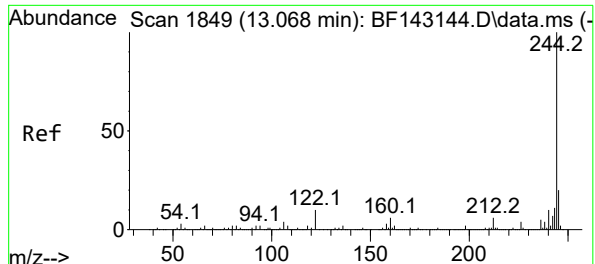
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

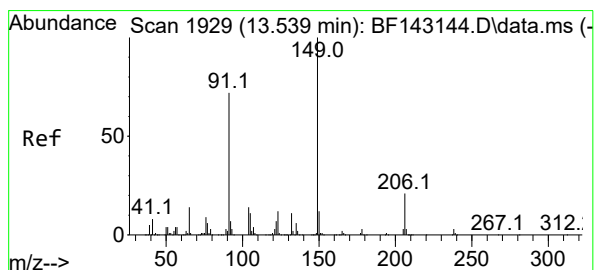
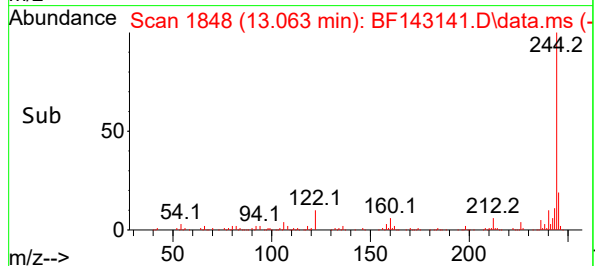
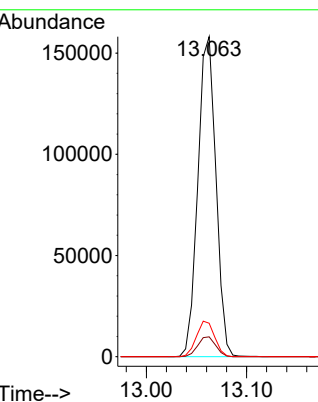
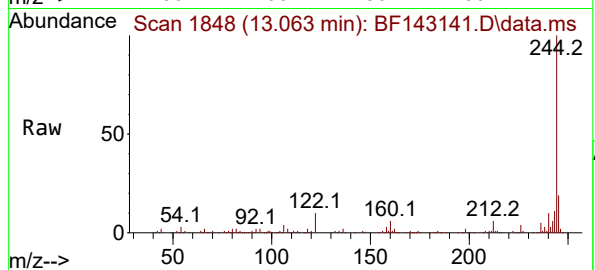
122 10.5 8.2 12.2

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

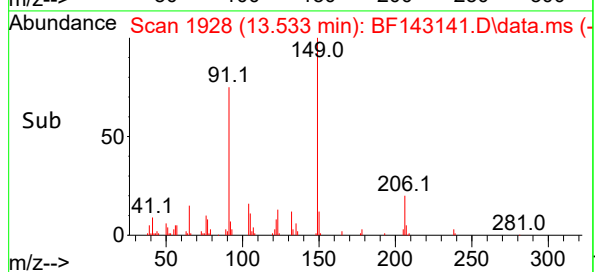
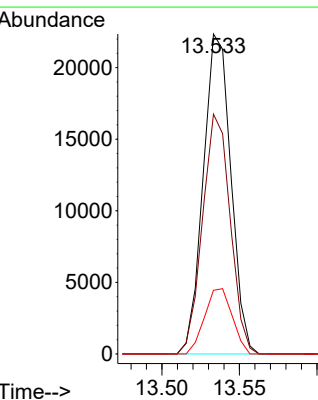
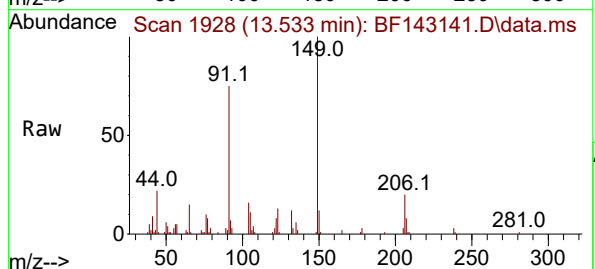
Tgt Ion:149 Resp: 27699

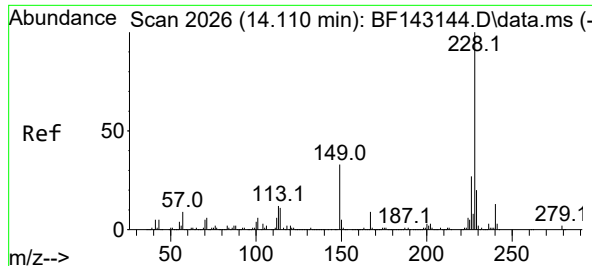
Ion Ratio Lower Upper

149 100

91 74.9 57.9 86.9

206 19.9 17.0 25.4





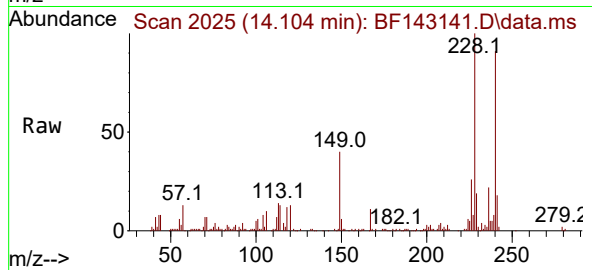
#81
Benzo(a)anthracene
Concen: 5.131 ng
RT: 14.104 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

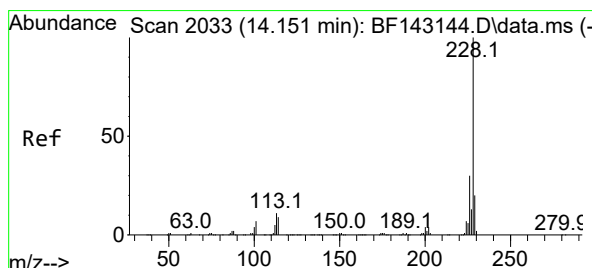
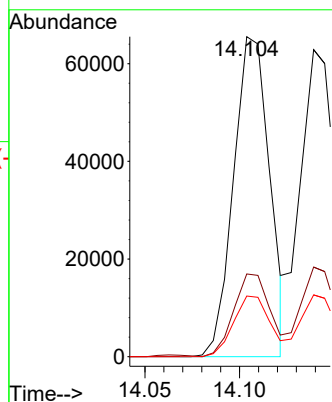
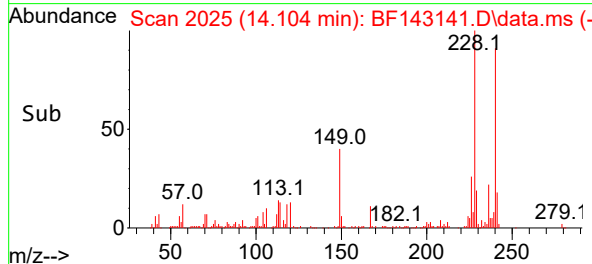


Tgt Ion:228 Resp: 86920
Ion Ratio Lower Upper
228 100
226 25.8 21.7 32.5
229 19.0 15.8 23.6

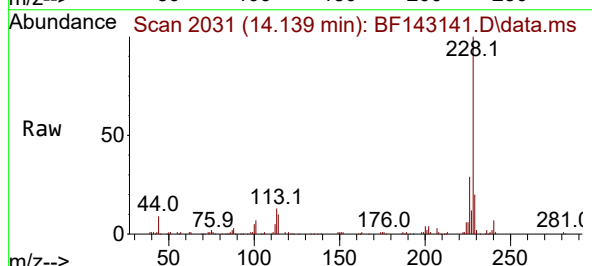
Manual Integrations

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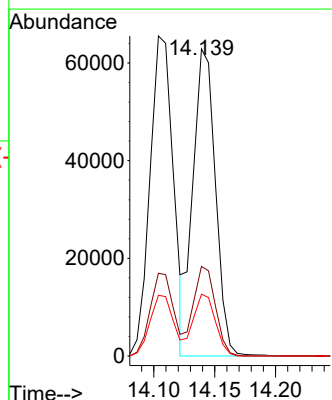
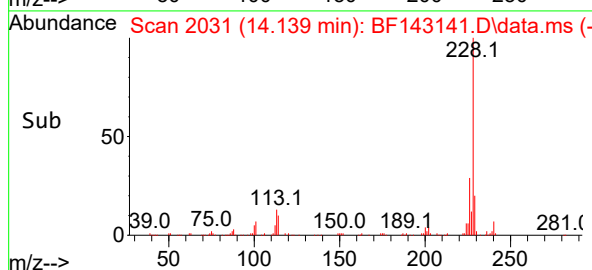
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

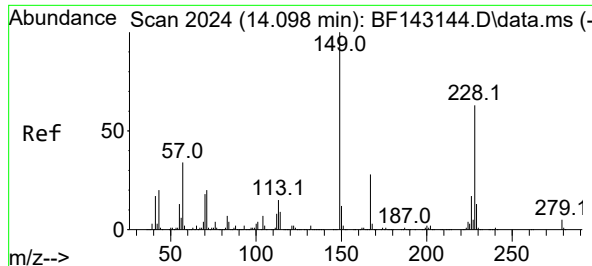


#83
Chrysene
Concen: 5.325 ng
RT: 14.139 min Scan# 2031
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34



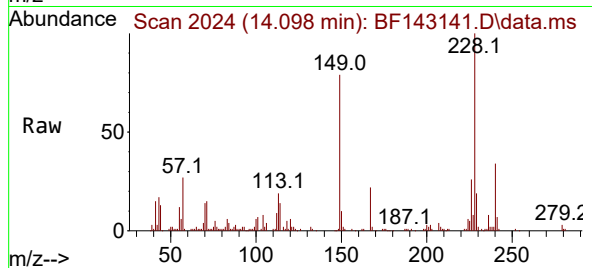
Tgt Ion:228 Resp: 81091
Ion Ratio Lower Upper
228 100
226 29.2 23.8 35.8
229 20.1 15.6 23.4





#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

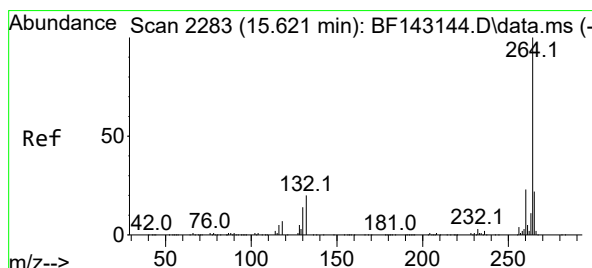
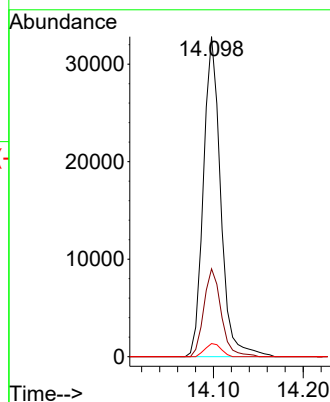
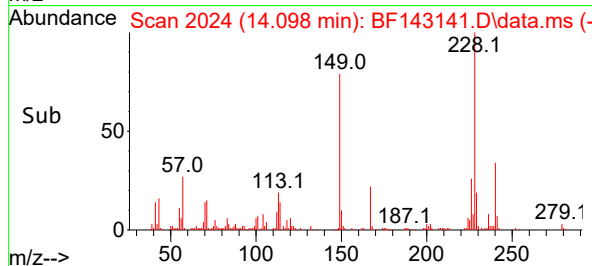
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



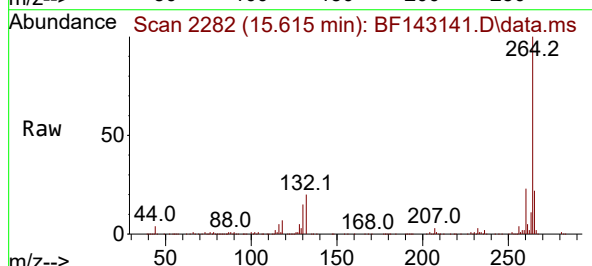
Tgt Ion:149 Resp: 43732
Ion Ratio Lower Upper
149 100
167 27.5 22.3 33.5
279 4.1 3.6 5.4

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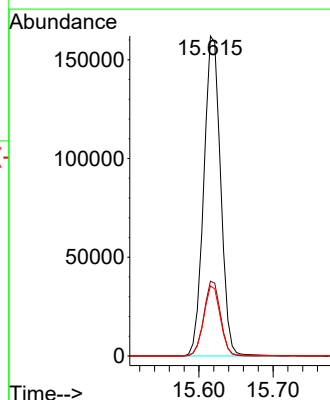
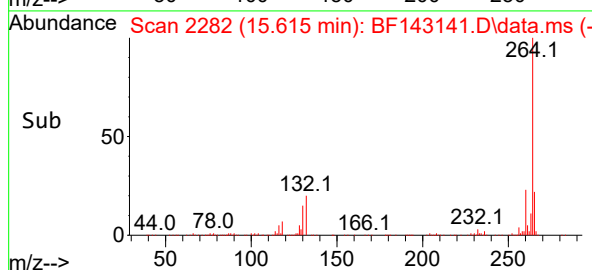
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

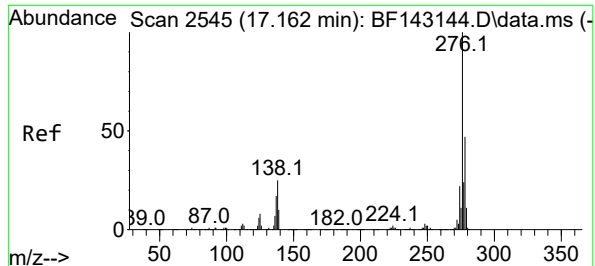


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.615 min Scan# 2282
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34



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 :

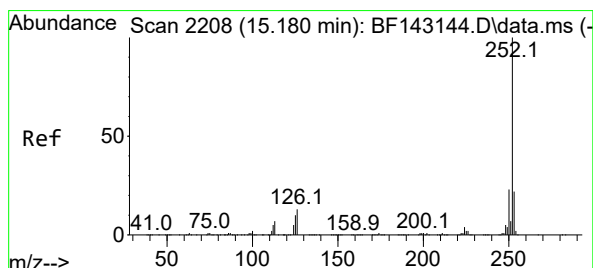
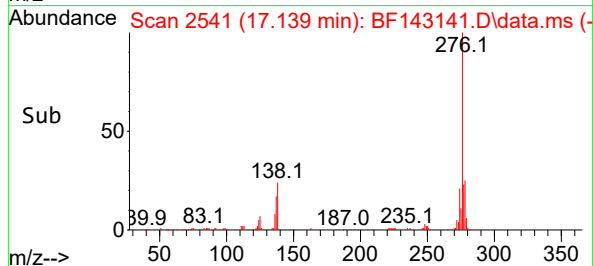
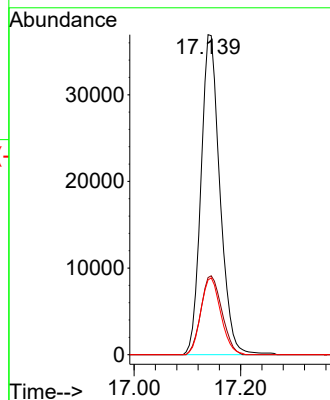
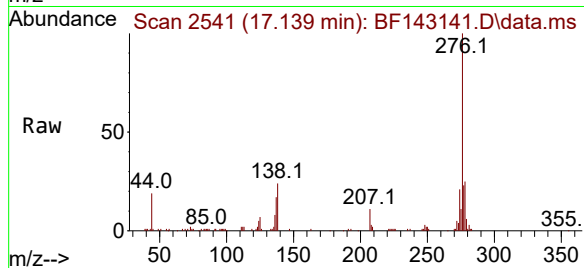
SSTDICC005

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

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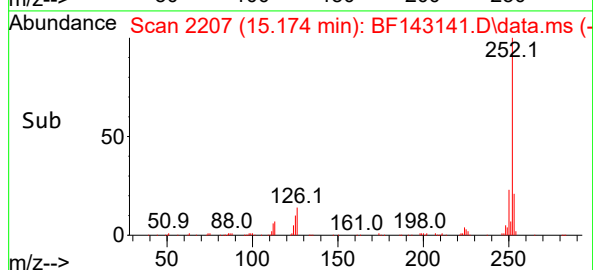
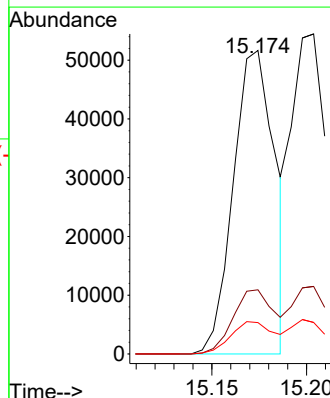
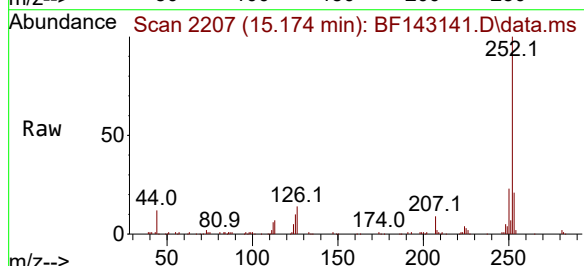
APPROVED

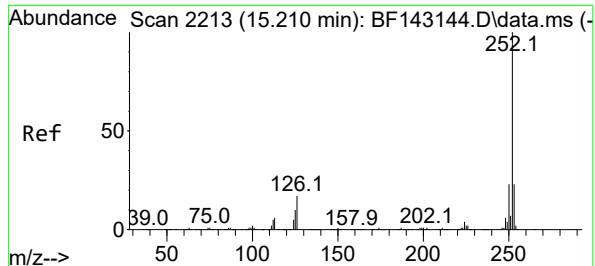
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

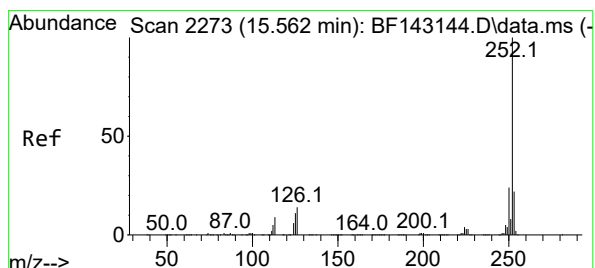
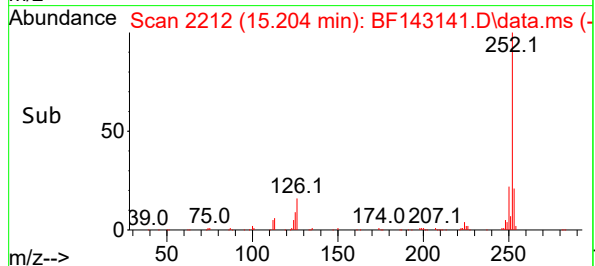
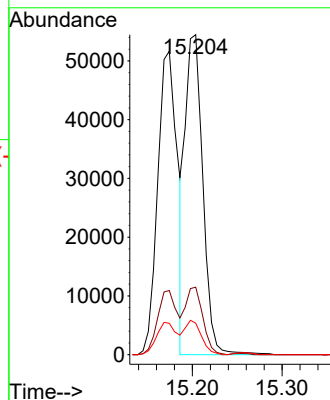
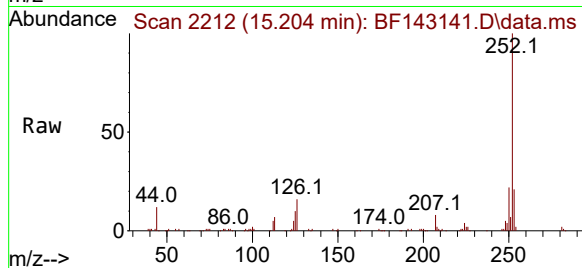
125 9.9 8.1 12.1

Manual Integrations

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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

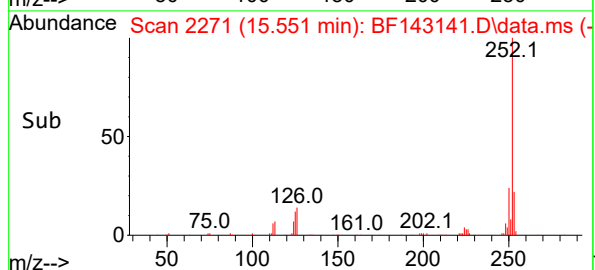
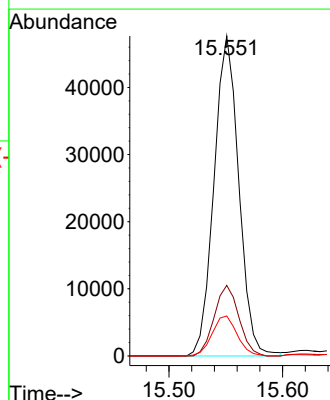
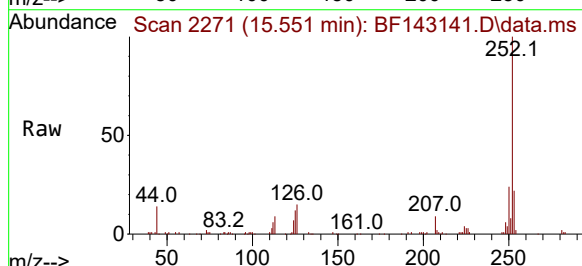
Tgt Ion:252 Resp: 72196

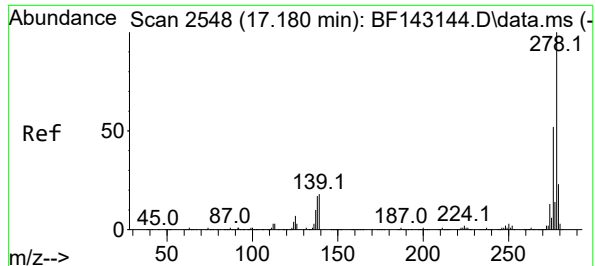
Ion Ratio Lower Upper

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:278 Resp: 74120

Ion Ratio Lower Upper

278 100

139 17.5 14.1 21.1

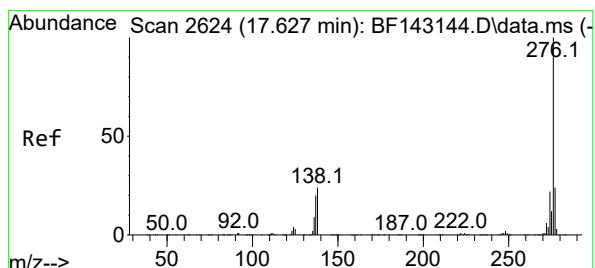
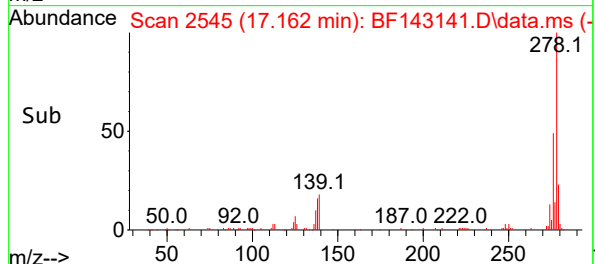
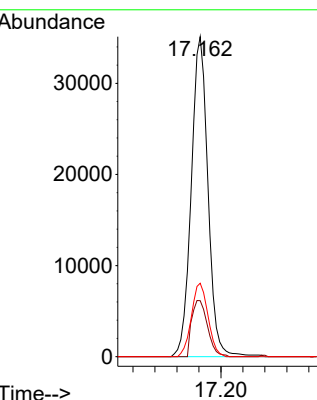
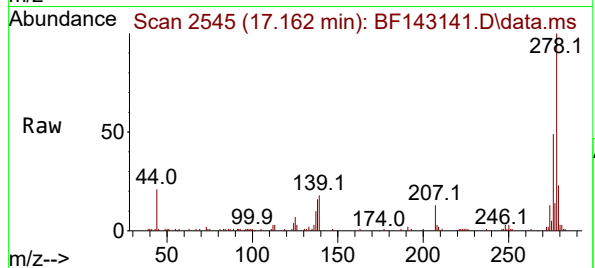
279 22.9 18.6 28.0

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

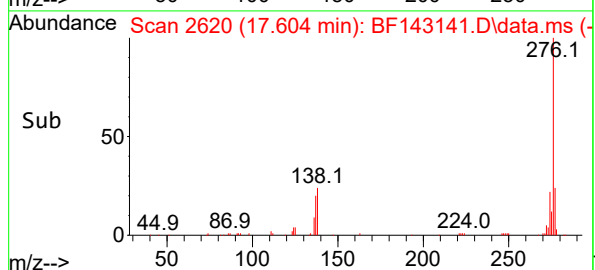
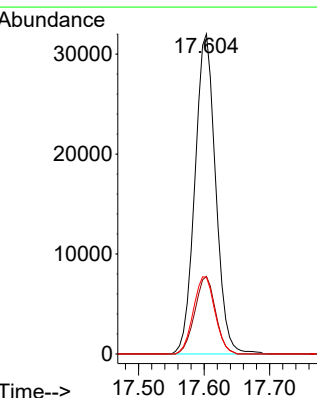
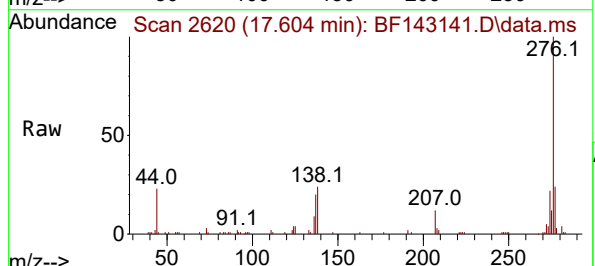
Tgt Ion:276 Resp: 70403

Ion Ratio Lower Upper

276 100

277 24.3 19.1 28.7

138 24.0 18.9 28.3



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

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

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

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

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

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

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

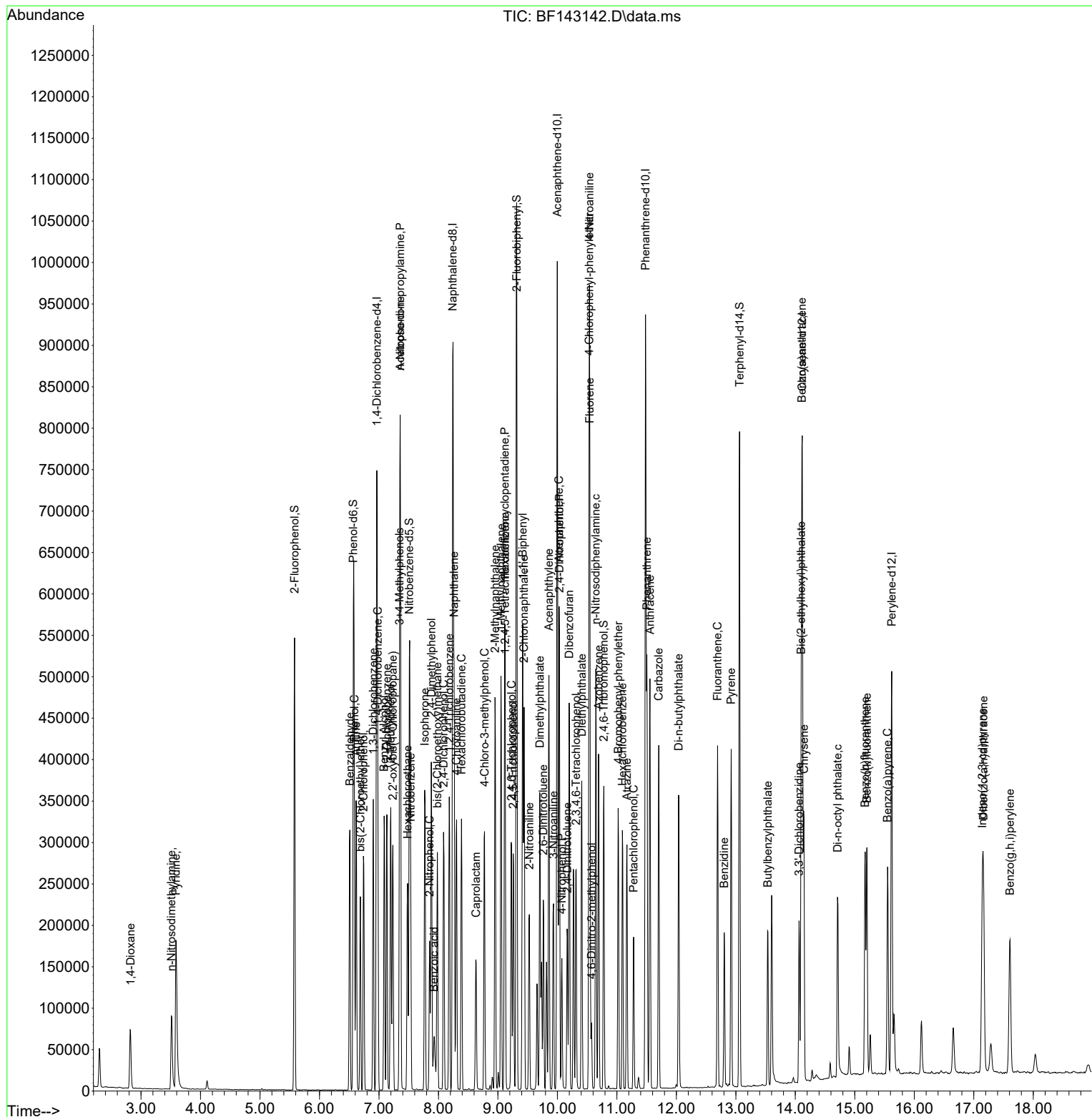
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Acq On    : 17 Jul 2025  12:04  
Operator  : RC/JU  
Sample    : SSTDICC010  
Misc      :  
ALS Vial  : 5    Sample Multiplier: 1
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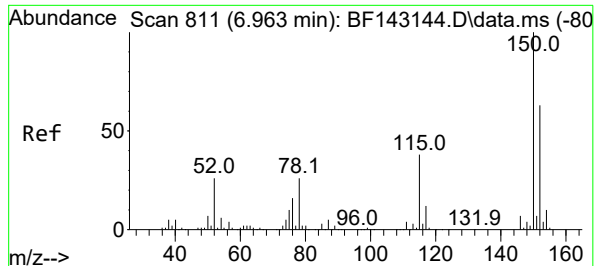
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

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

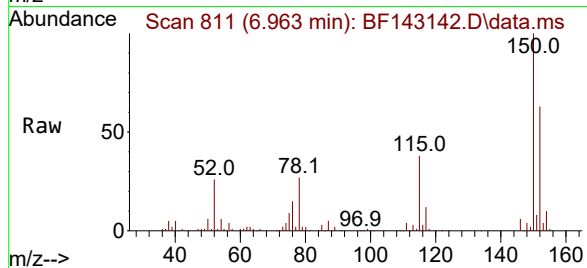
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration





#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

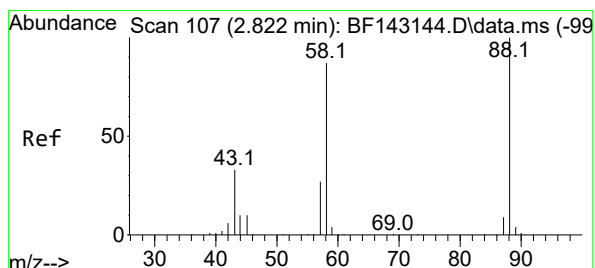
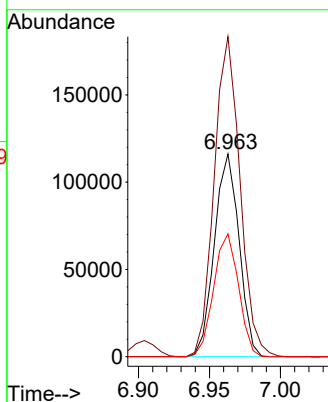
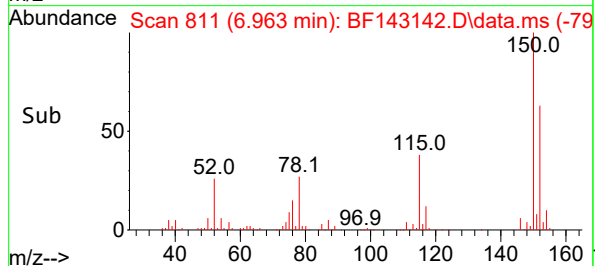
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



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

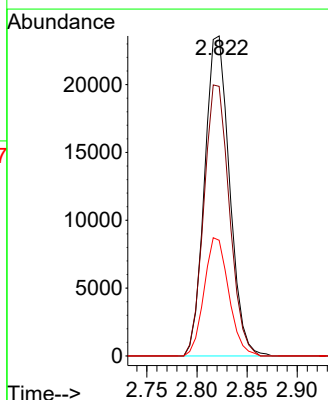
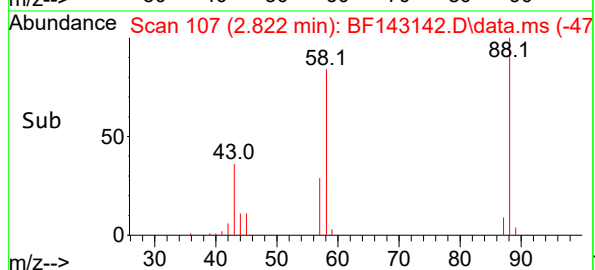
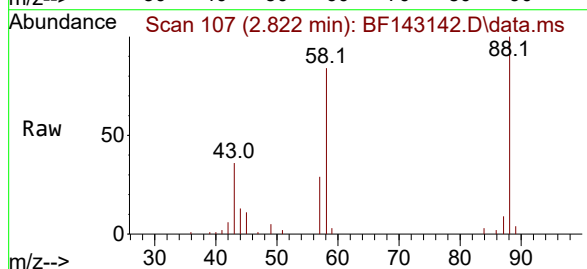
Manual Integrations
APPROVED

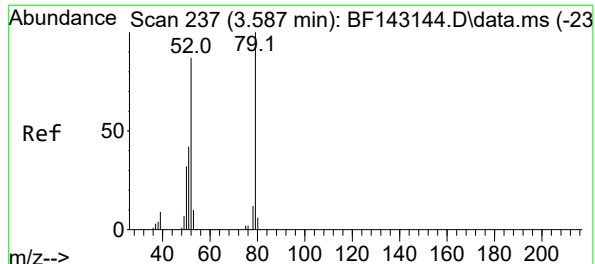
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



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

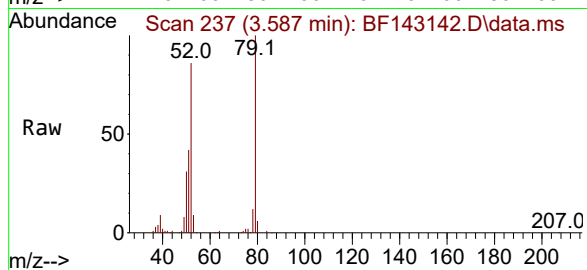
Tgt Ion: 88 Resp: 40860
Ion Ratio Lower Upper
88 100
58 86.6 70.2 105.2
43 36.5 27.1 40.7





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

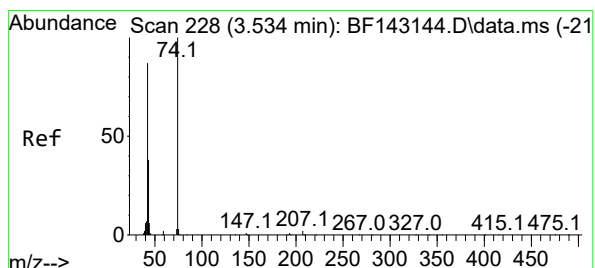
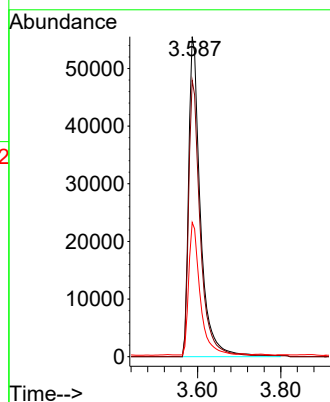
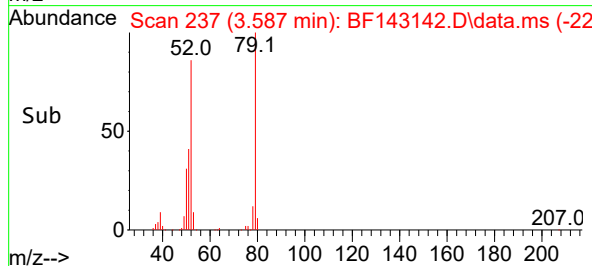
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



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

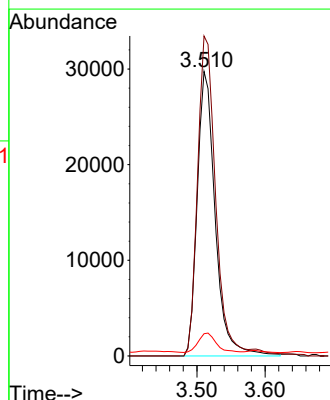
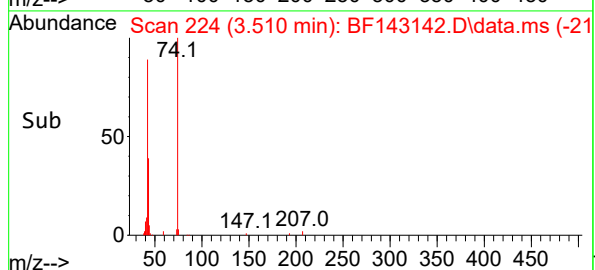
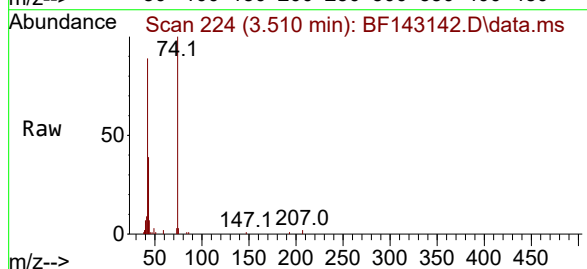
Manual Integrations
APPROVED

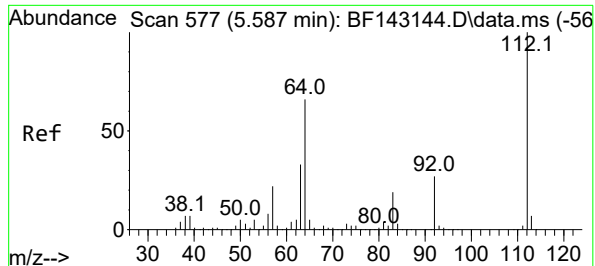
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

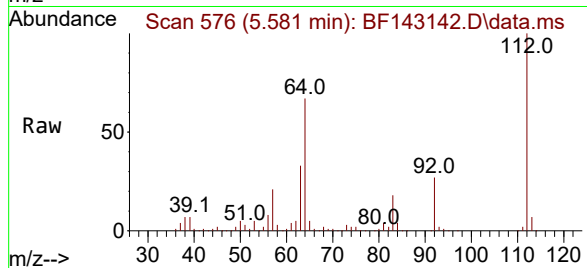
Tgt Ion: 42 Resp: 54487
Ion Ratio Lower Upper
42 100
74 112.5 91.7 137.5
44 7.8 5.6 8.4





#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

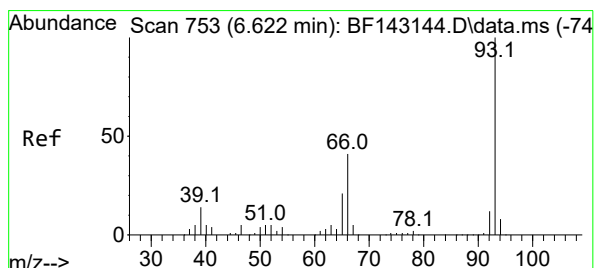
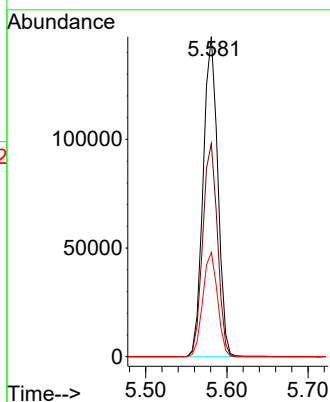
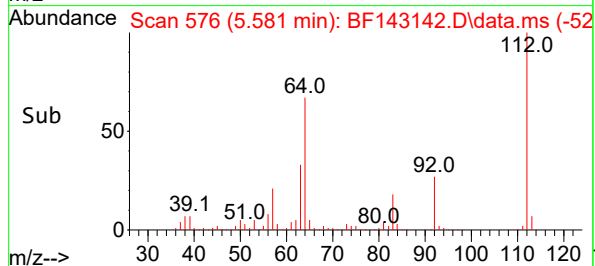
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



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

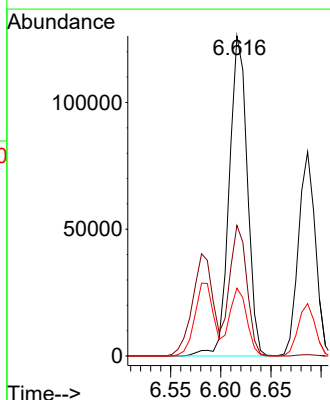
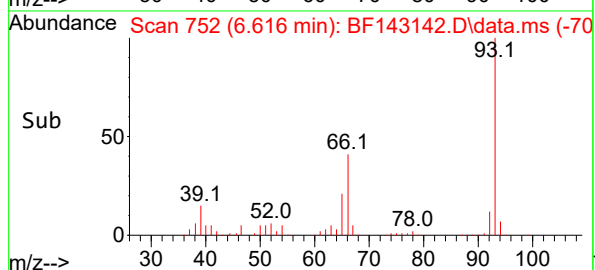
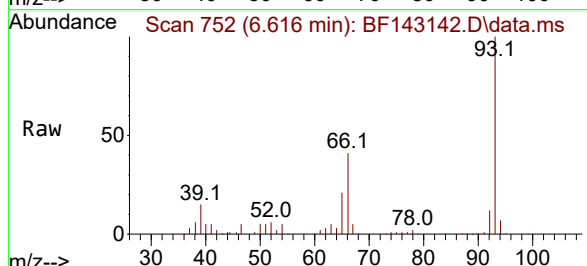
Manual Integrations
APPROVED

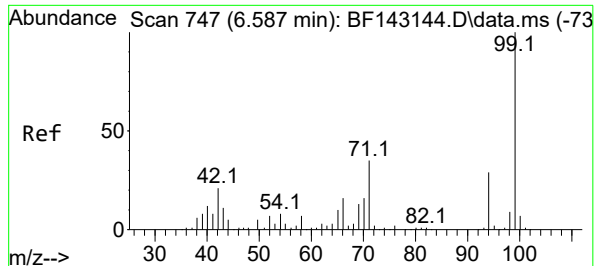
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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# 747

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

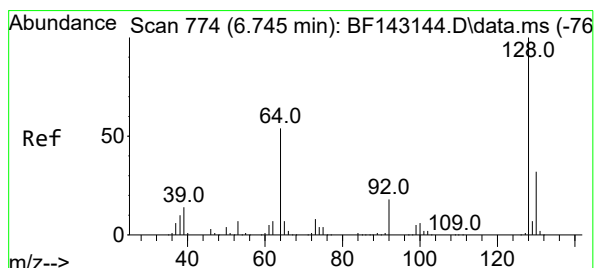
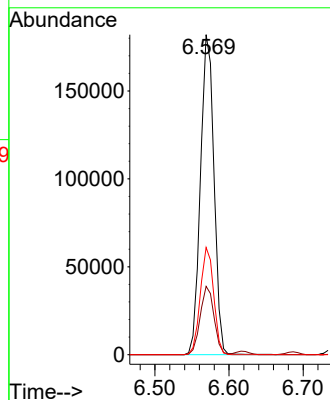
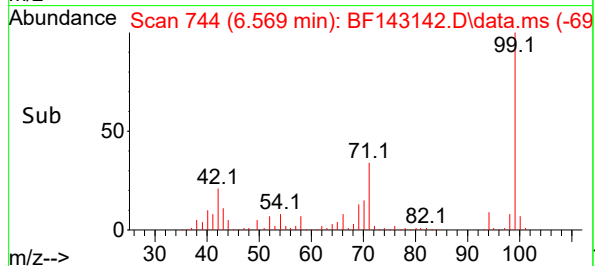
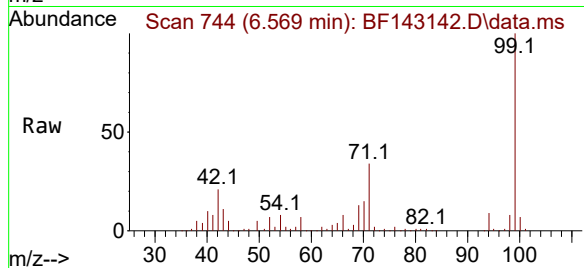
71 33.5 27.7 41.5

Manual Integrations

APPROVED

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

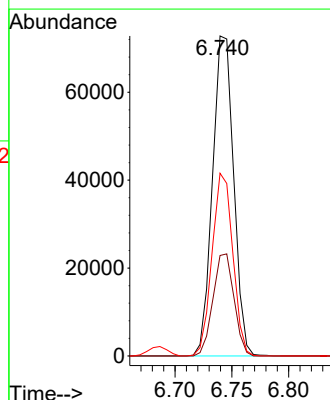
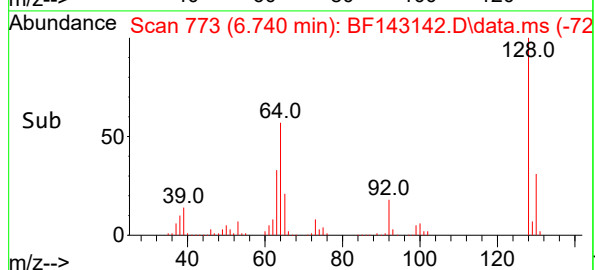
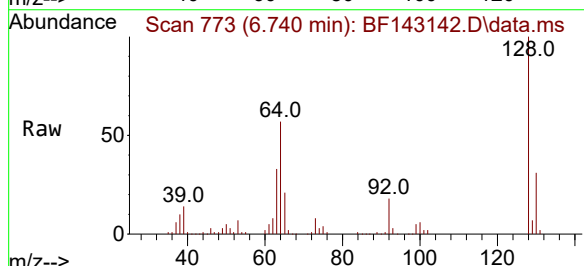
Tgt Ion:128 Resp: 94265

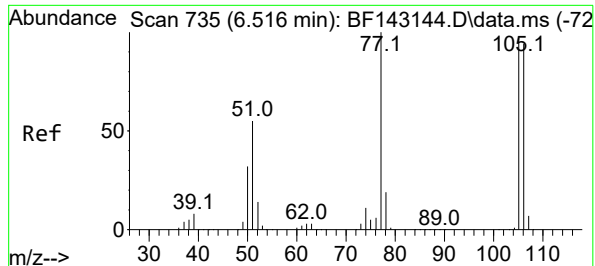
Ion Ratio Lower Upper

128 100

130 31.4 12.3 52.3

64 57.1 35.9 75.9





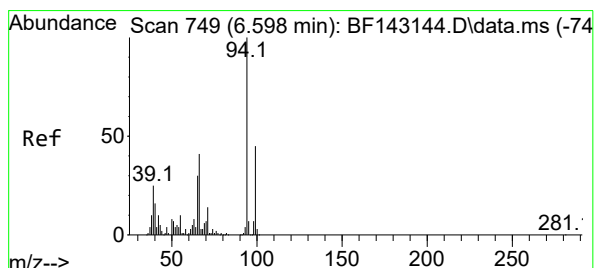
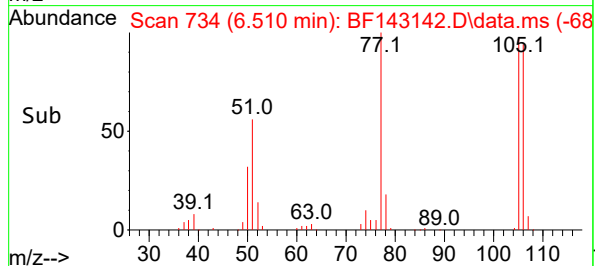
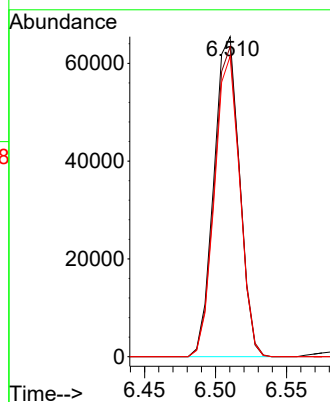
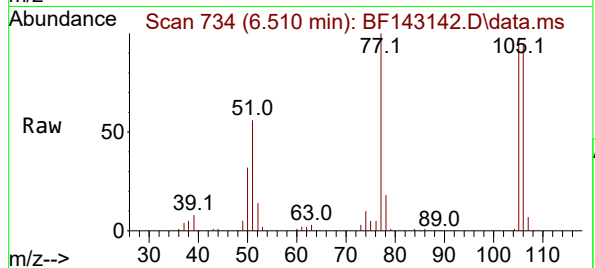
#9
Benzaldehyde
Concen: 9.779 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

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

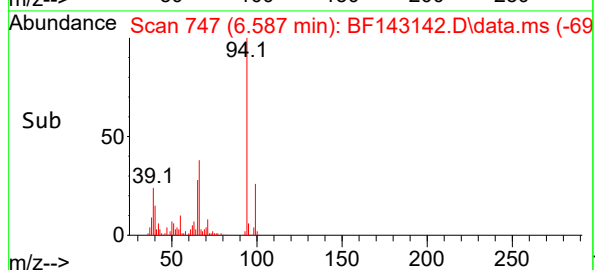
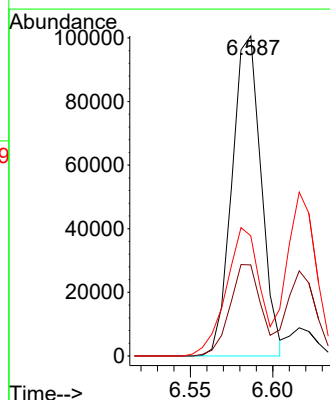
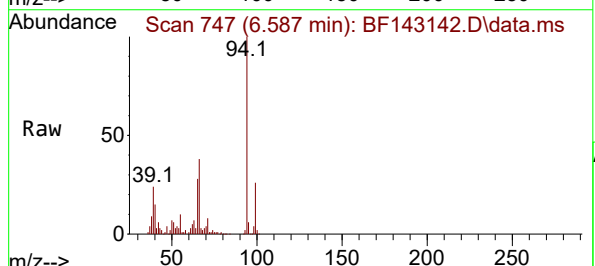
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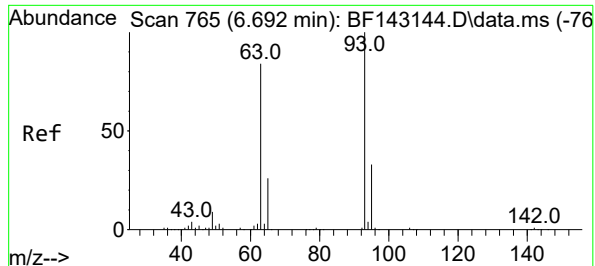
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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





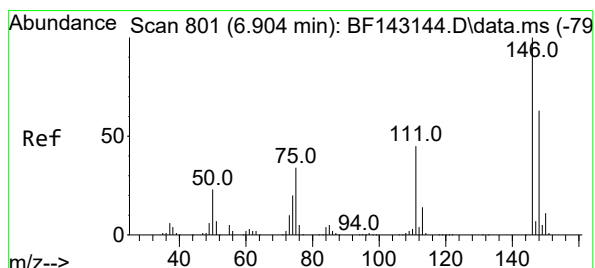
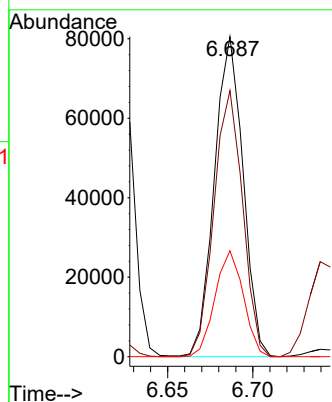
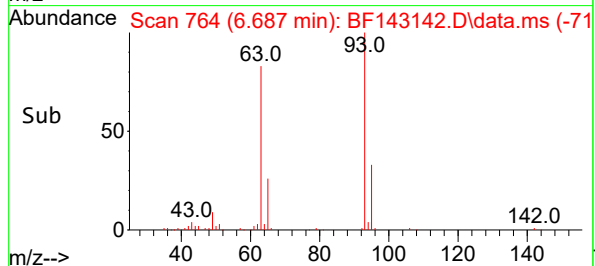
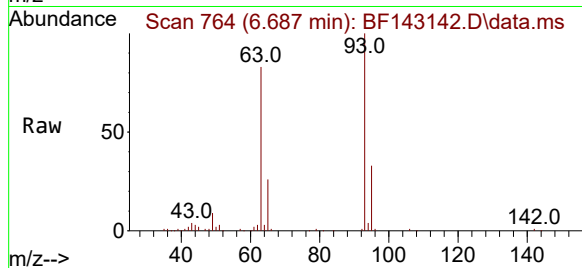
#11
bis(2-Chloroethyl)ether
Concen: 10.119 ng
RT: 6.687 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

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

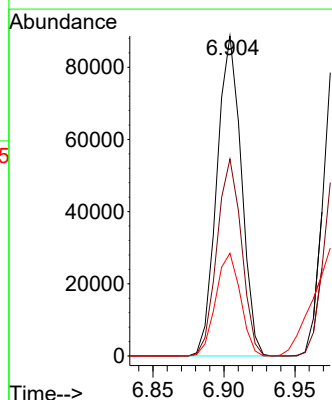
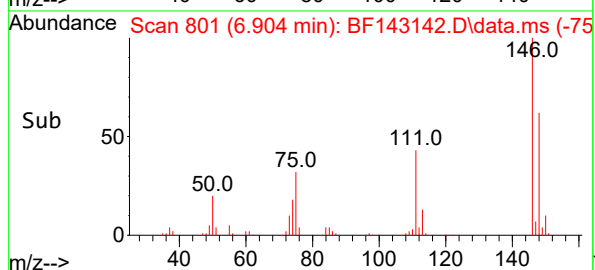
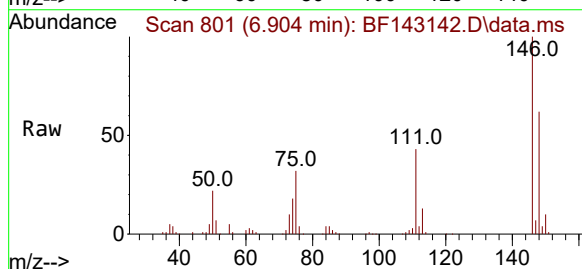
Manual Integrations
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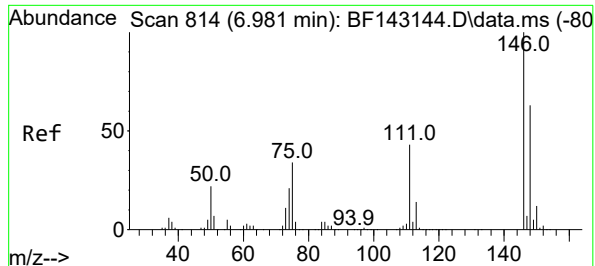
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

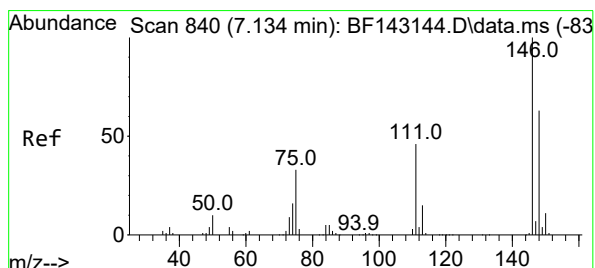
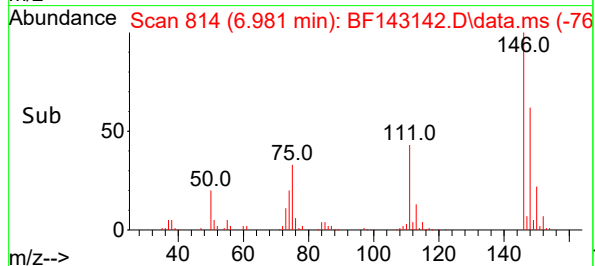
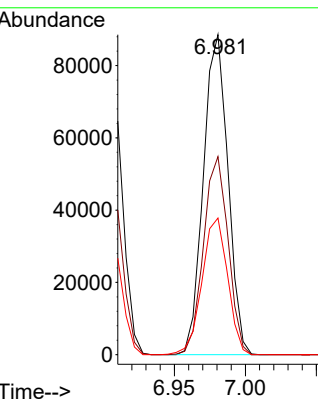
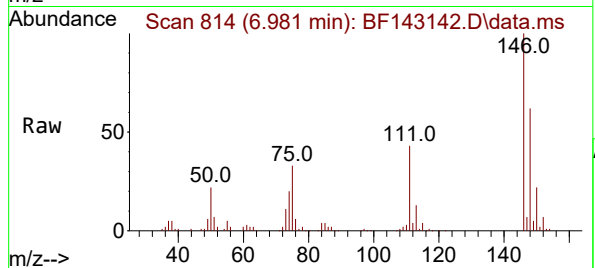
111 42.7 34.4 51.6

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

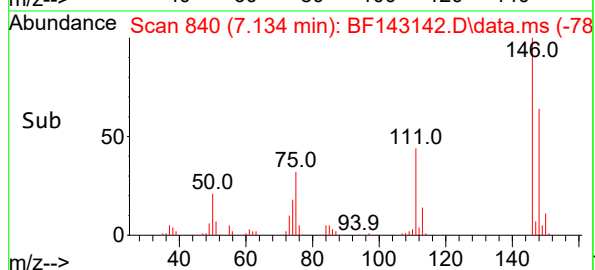
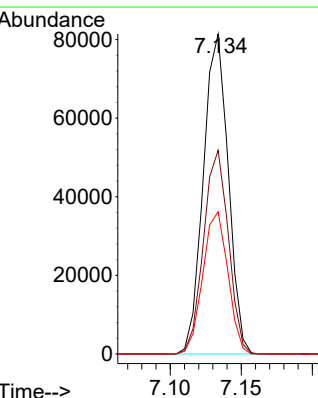
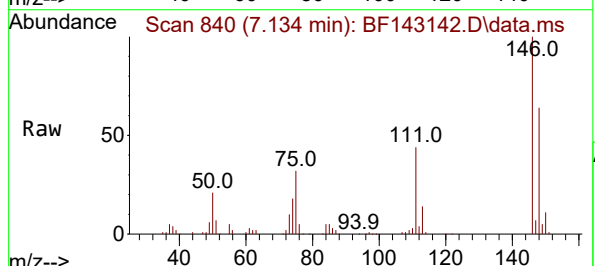
Tgt Ion:146 Resp: 99226

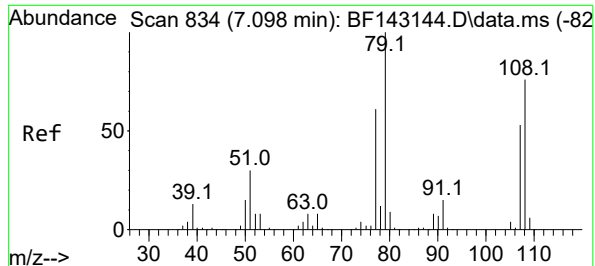
Ion Ratio Lower Upper

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

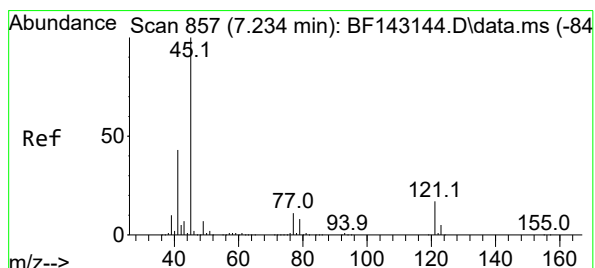
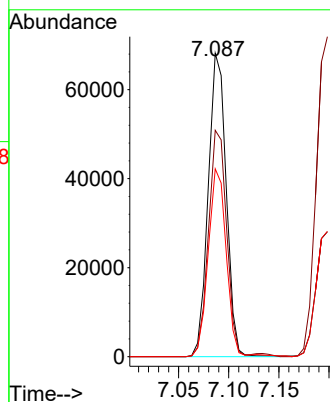
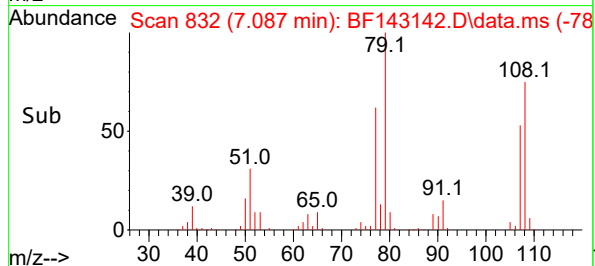
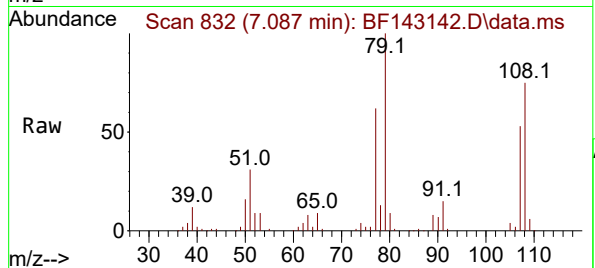
77 61.9 48.9 73.3

Manual Integrations

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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: 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

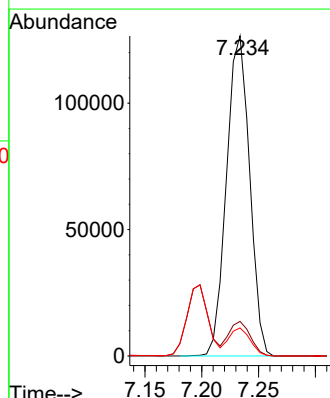
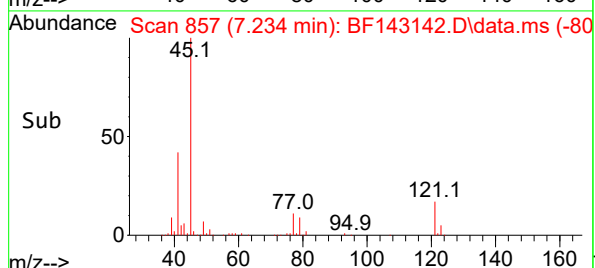
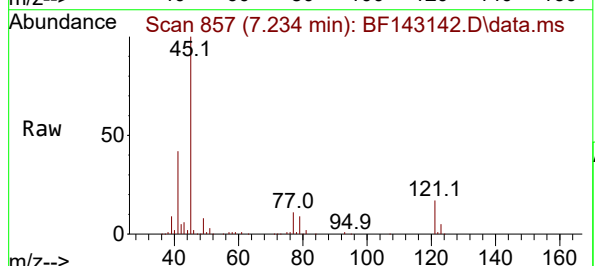
Tgt Ion: 45 Resp: 179226

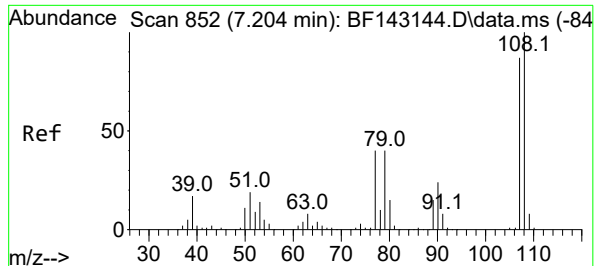
Ion Ratio Lower Upper

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 :

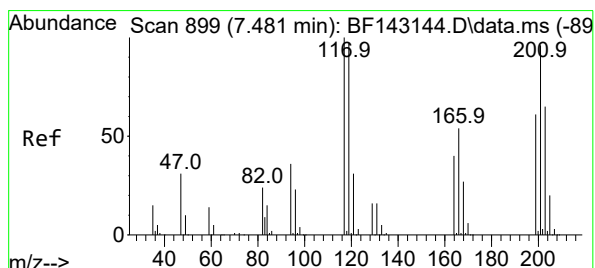
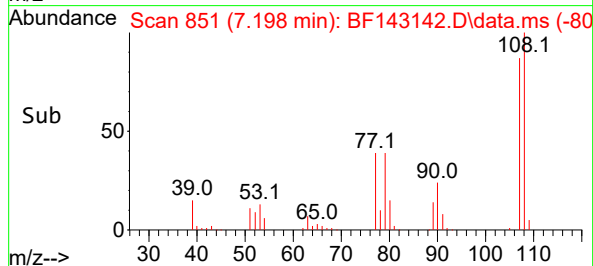
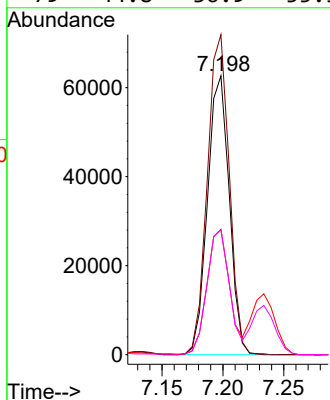
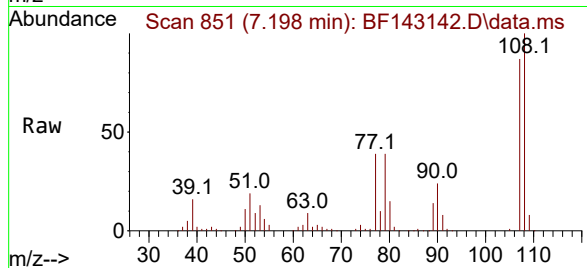
SSTDIC010

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

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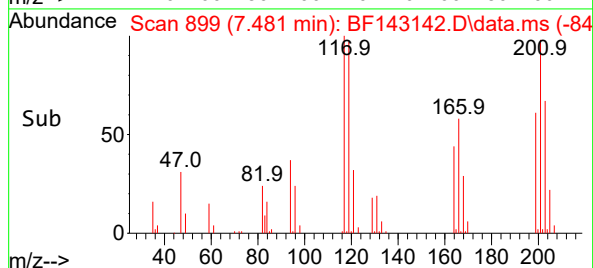
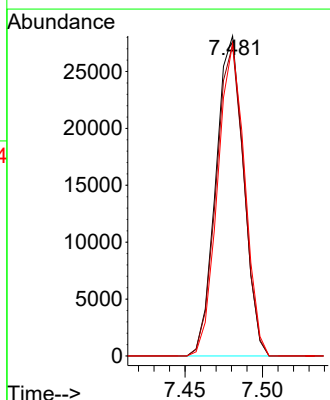
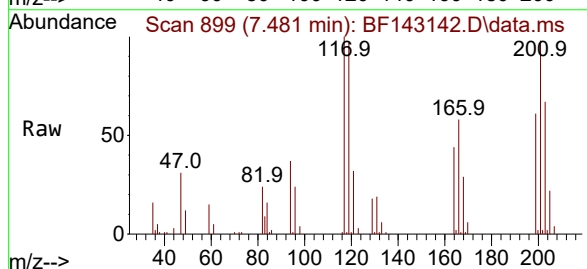
APPROVED

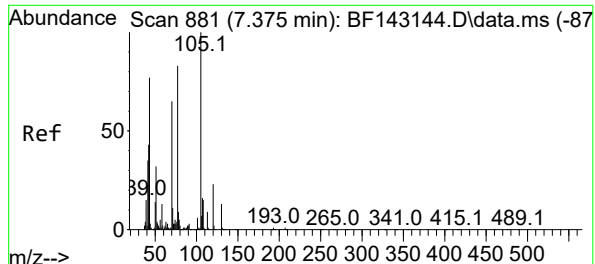
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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





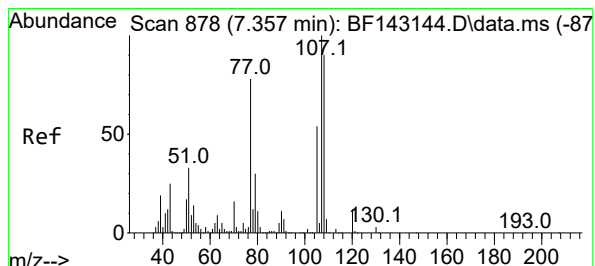
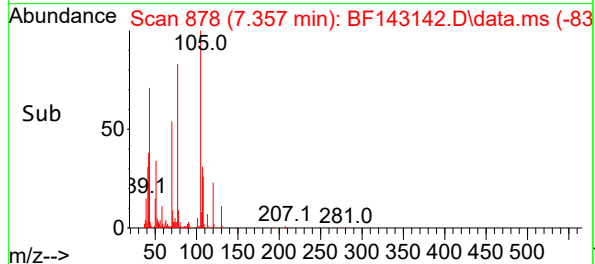
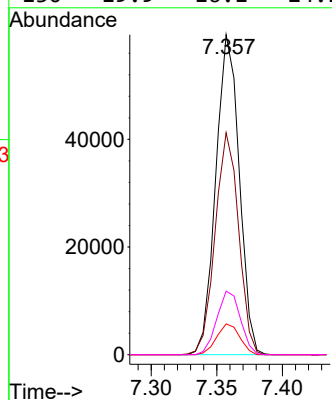
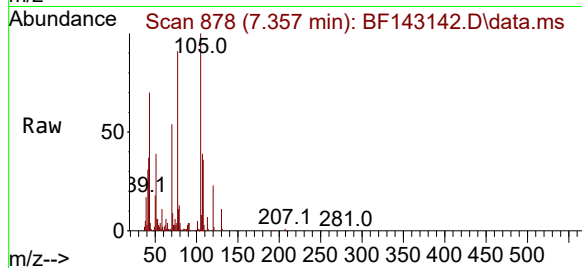
#19
n-Nitroso-di-n-propylamine
Concen: 10.302 ng
RT: 7.357 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

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

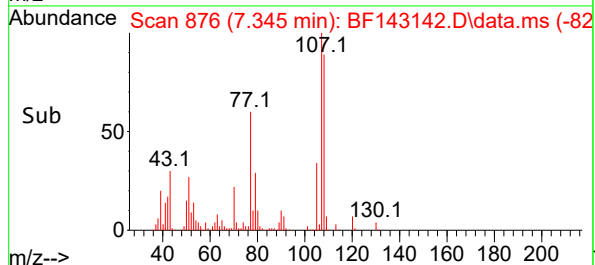
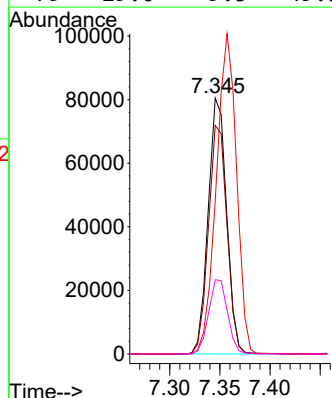
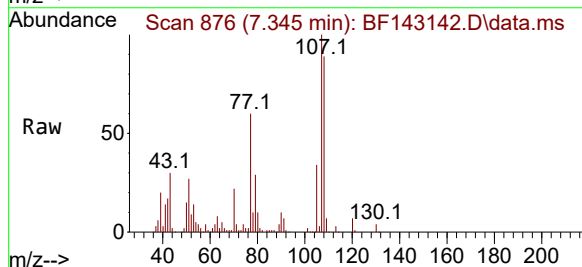
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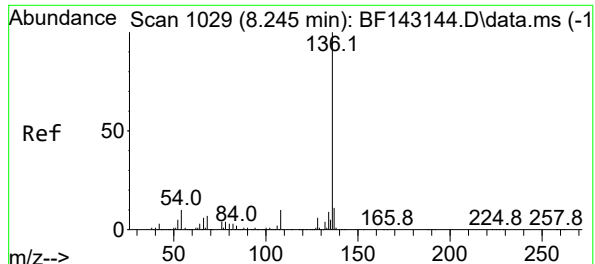
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

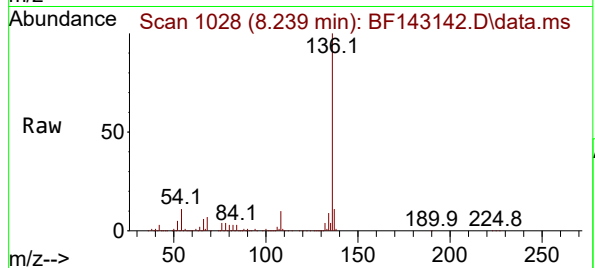
Tgt Ion:107 Resp: 103018
Ion Ratio Lower Upper
107 100
108 89.3 70.0 110.0
77 60.0 57.8 97.8
79 29.0 9.5 49.5





#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

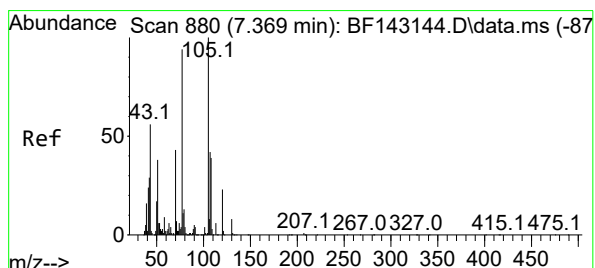
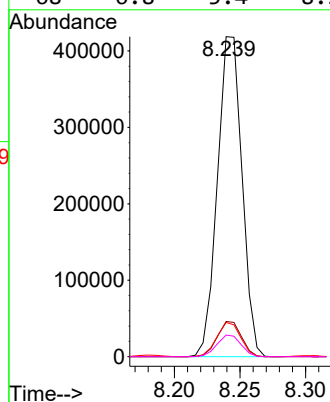
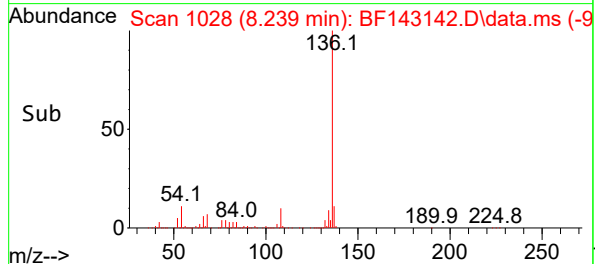
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



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

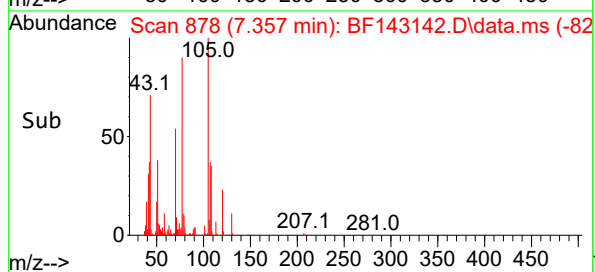
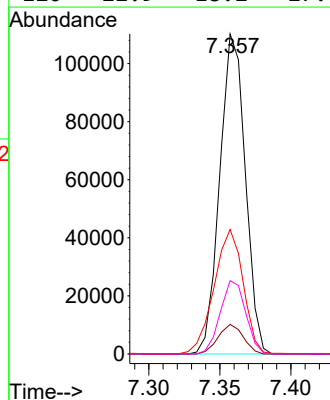
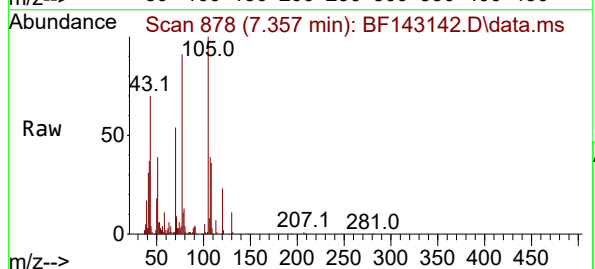
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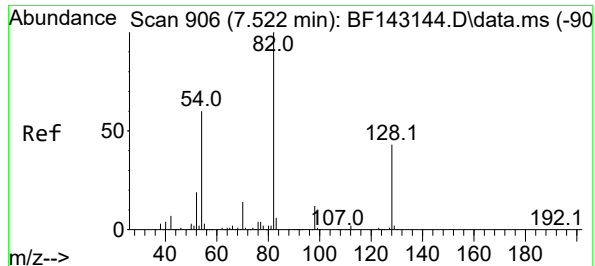
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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: 215086

Ion Ratio Lower Upper

82 100

128 40.5 33.6 50.4

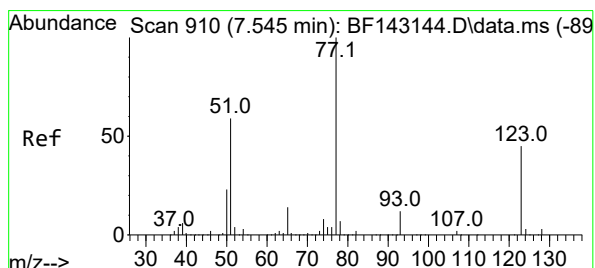
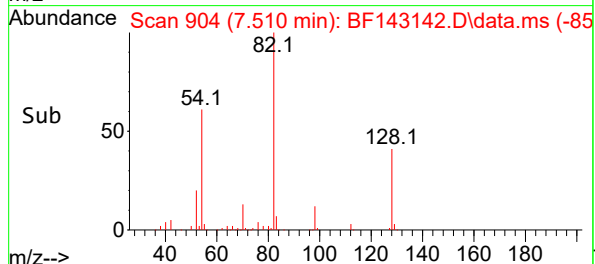
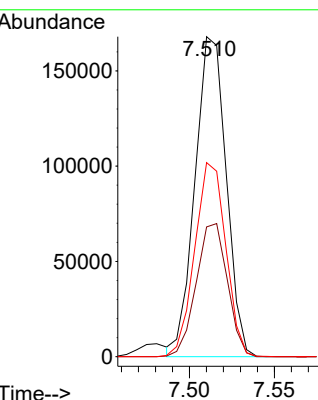
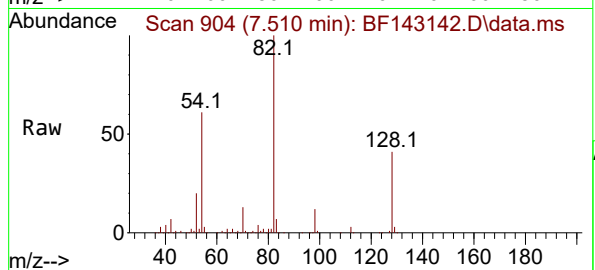
54 60.7 47.1 70.7

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

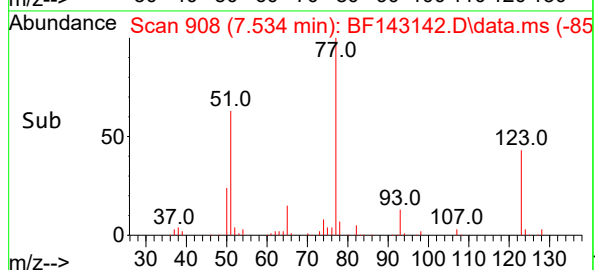
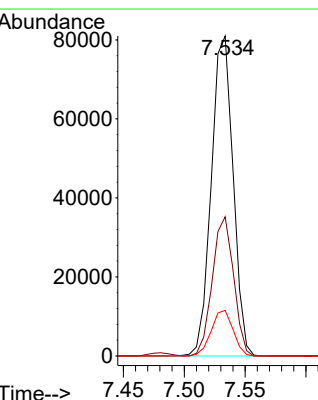
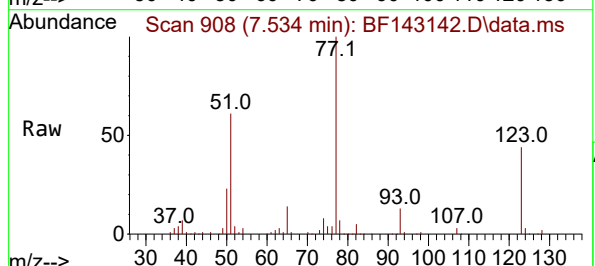
Tgt Ion: 77 Resp: 100837

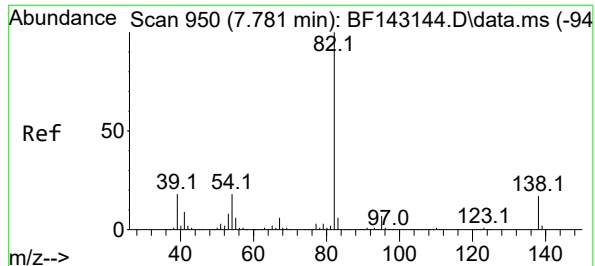
Ion Ratio Lower Upper

77 100

123 43.5 36.1 54.1

65 14.2 11.4 17.2





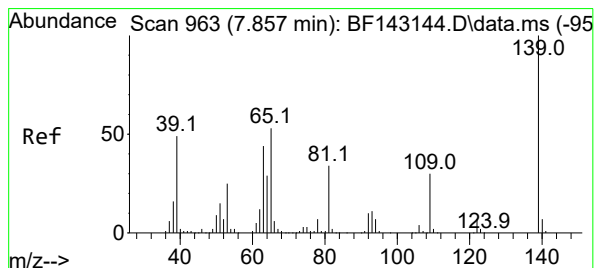
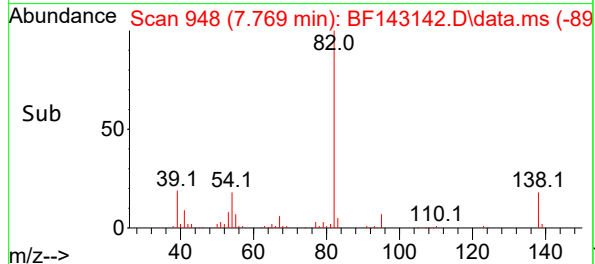
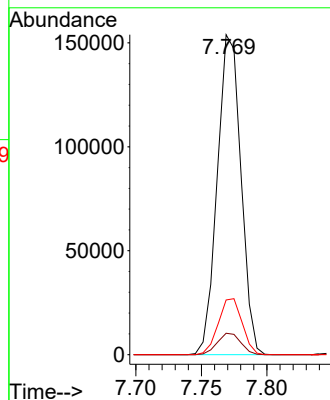
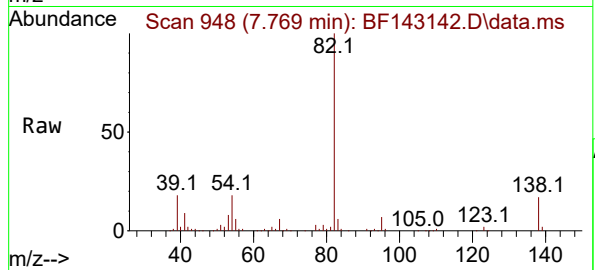
#25
Isophorone
Concen: 9.981 ng
RT: 7.769 min Scan# 948
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tgt Ion: 82 Resp: 19289
Ion Ratio Lower Upper
82 100
95 6.7 5.5 8.3
138 17.1 13.8 20.8

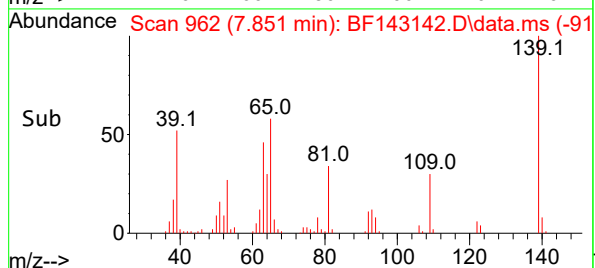
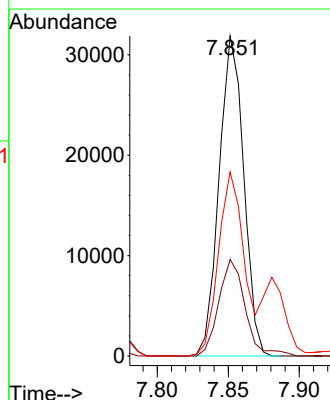
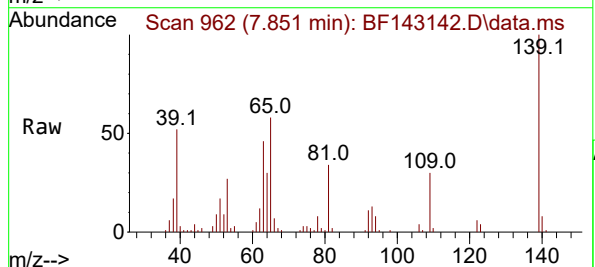
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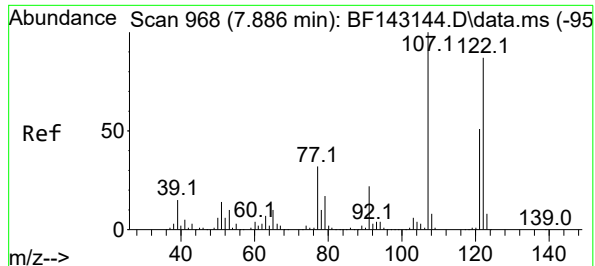
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

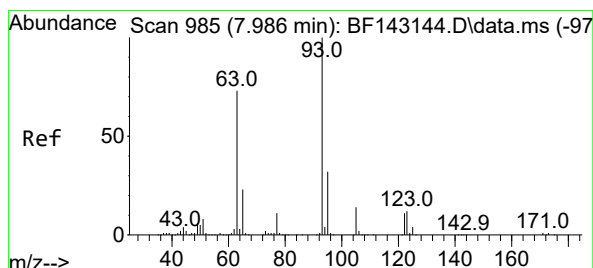
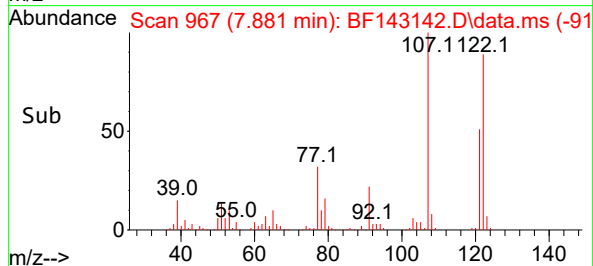
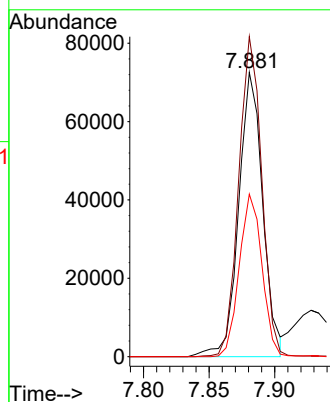
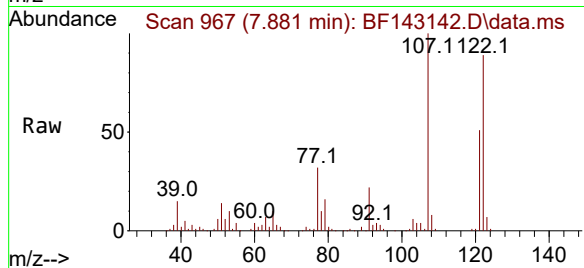
Tgt Ion:	122	Resp:	92724
Ion	Ratio	Lower	Upper
122	100		
107	112.6	91.8	137.6
121	57.2	46.3	69.5

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

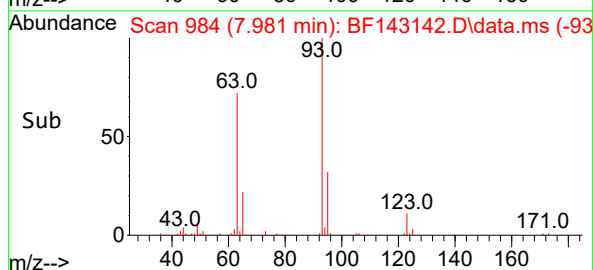
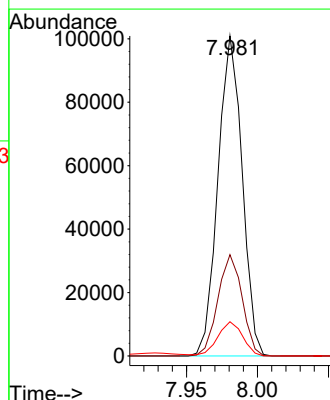
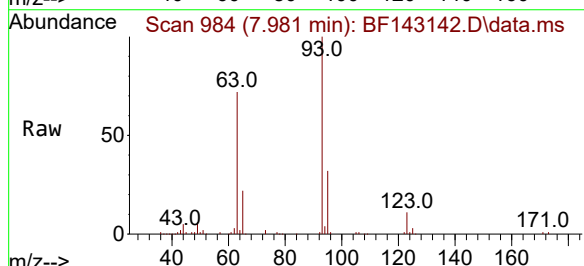
RT: 7.981 min Scan# 984

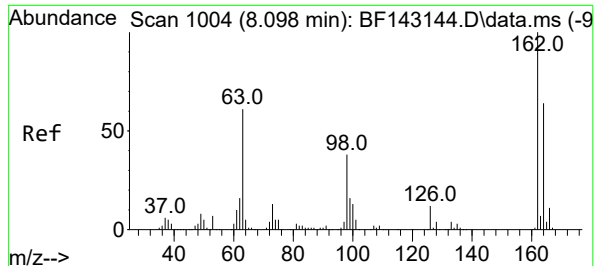
Delta R.T. -0.006 min

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 :

SSTDIC010

Tgt Ion:162 Resp: 7684

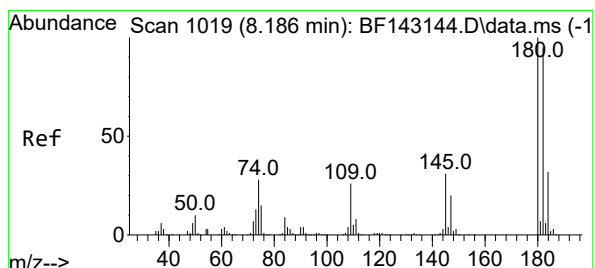
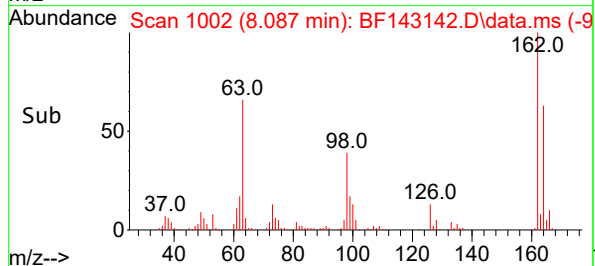
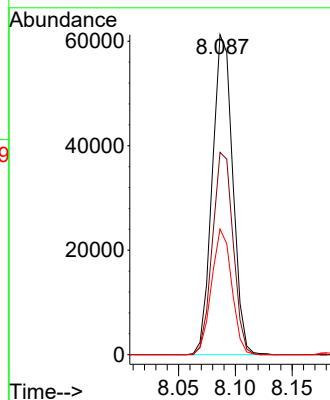
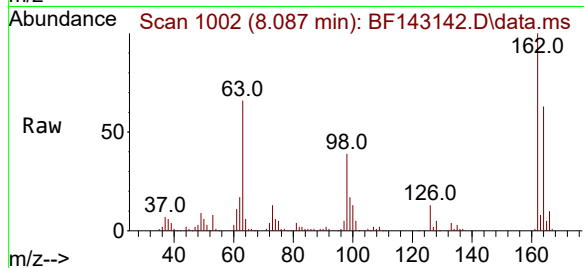
Ion	Ratio	Lower	Upper
162	100		
164	63.3	44.2	84.2
98	39.2	17.9	57.9

Manual Integrations

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Supervised By :Jagrut Upadhyay 07/18/2025



#30

1,2,4-Trichlorobenzene

Concen: 10.191 ng

RT: 8.181 min Scan# 1018

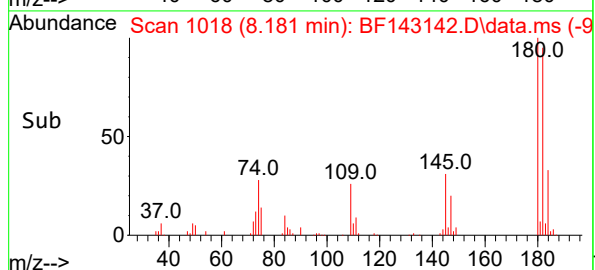
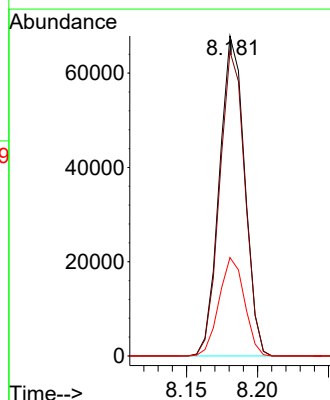
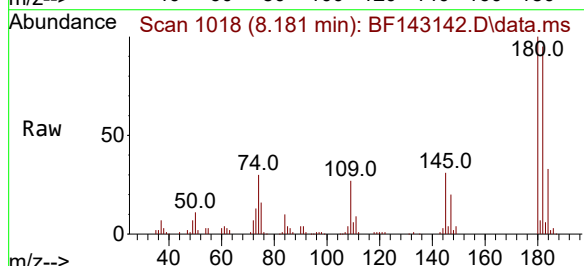
Delta R.T. -0.006 min

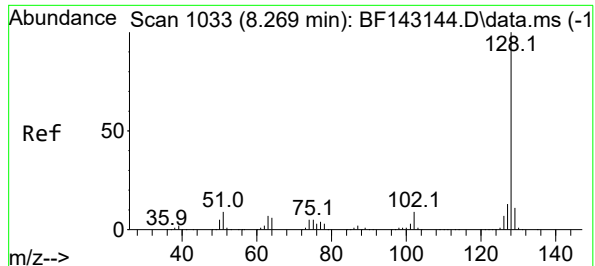
Lab File: BF143142.D

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# 1033

Delta R.T. -0.006 min

Lab File: BF143142.D

Acq: 17 Jul 2025 12:04

Instrument :

BNA_F

ClientSampleId :

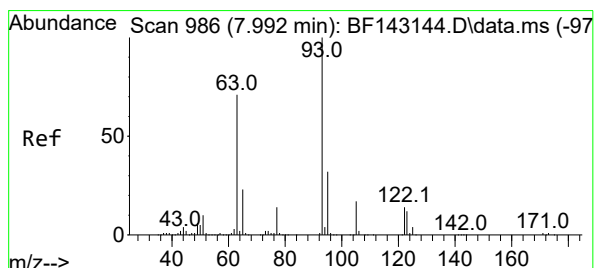
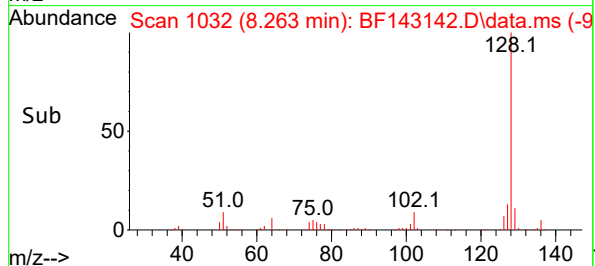
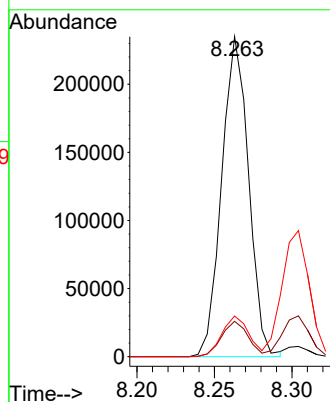
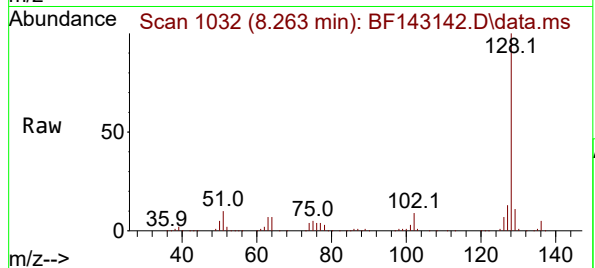
SSTDICC010

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

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Supervised By :Jagrut Upadhyay 07/18/2025



#32

Benzoic acid

Concen: 10.113 ng m

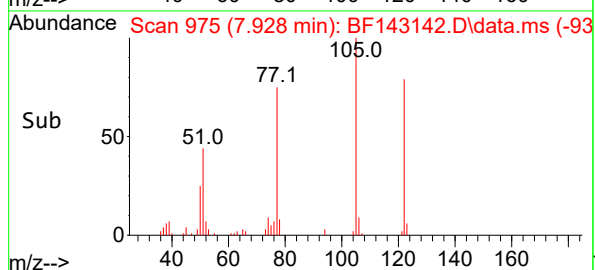
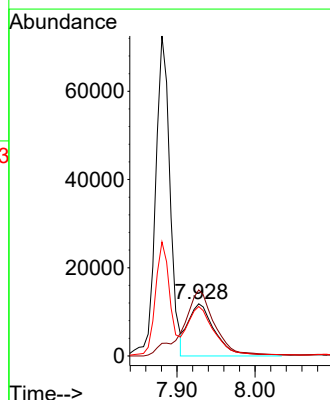
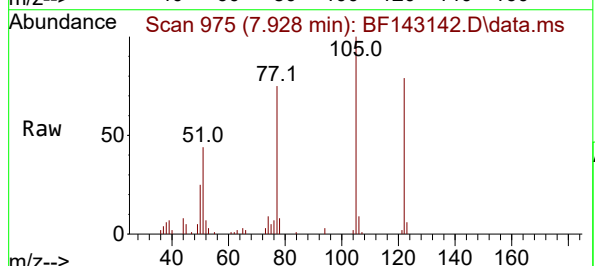
RT: 7.928 min Scan# 975

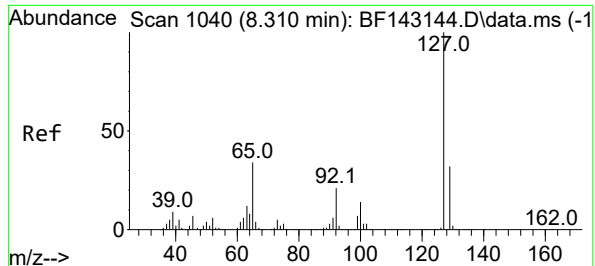
Delta R.T. -0.064 min

Lab File: BF143142.D

Acq: 17 Jul 2025 12:04

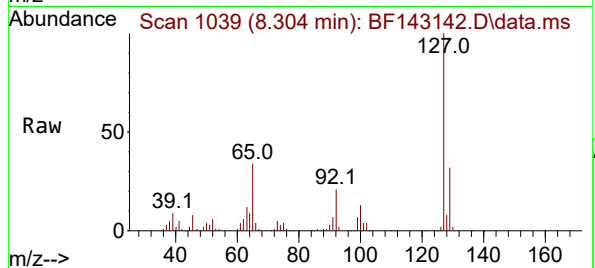
Tgt Ion:122 Resp: 28431
Ion Ratio Lower Upper
122 100
105 126.6 104.8 144.8
77 94.6 77.6 117.6





#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

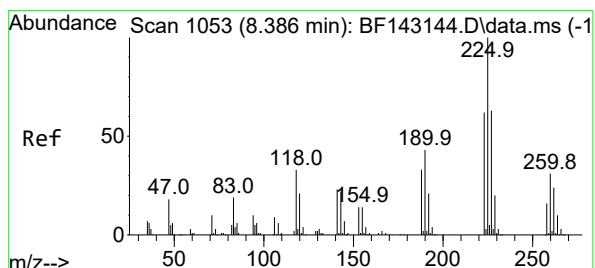
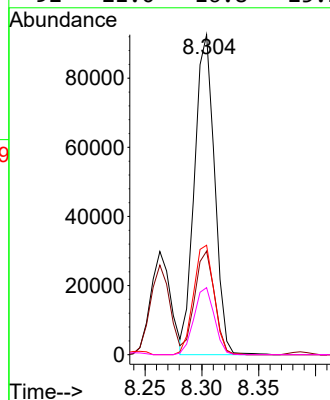
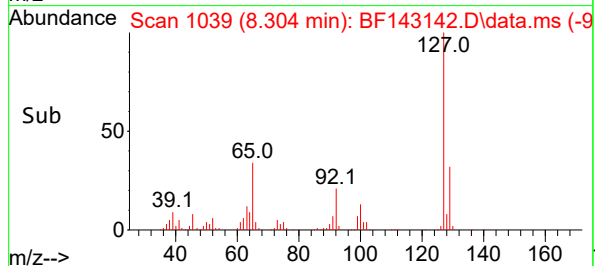
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



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

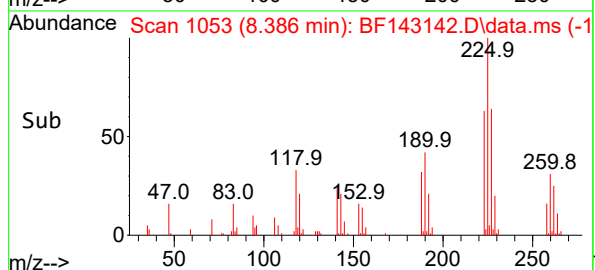
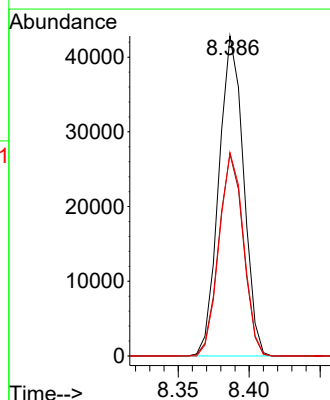
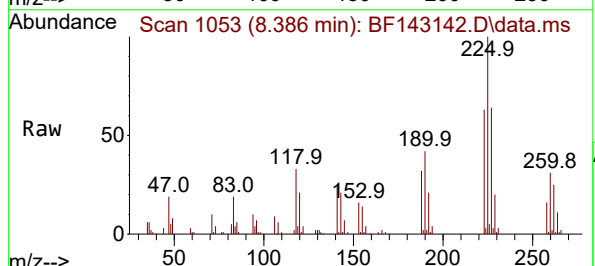
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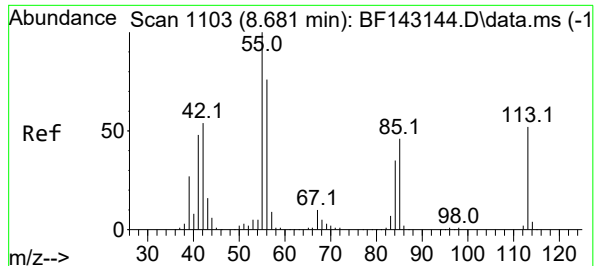
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

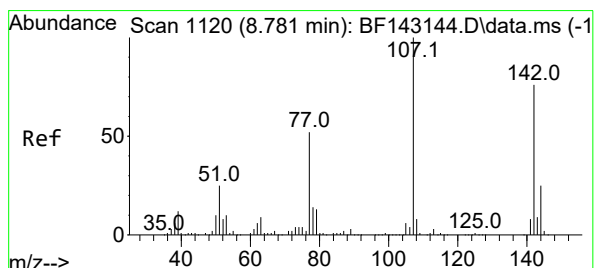
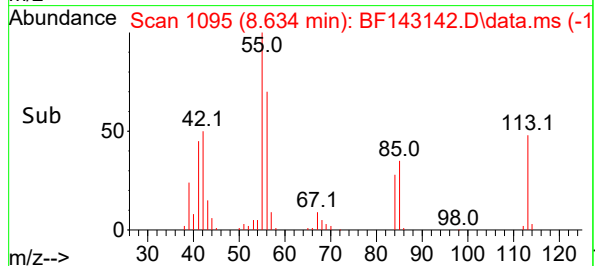
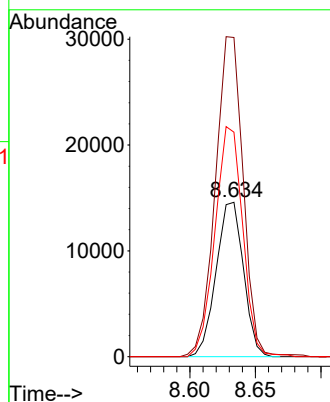
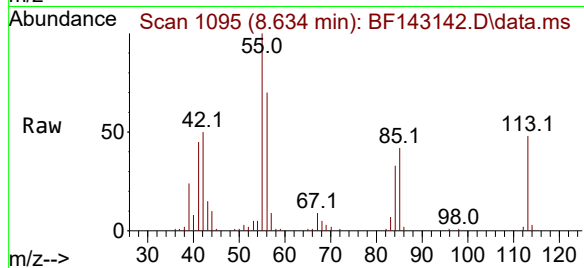
56 145.4 126.6 166.6

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

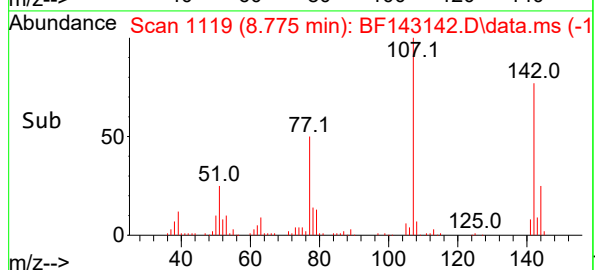
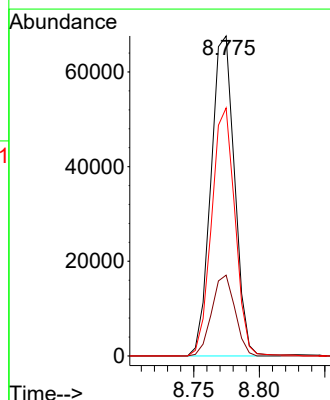
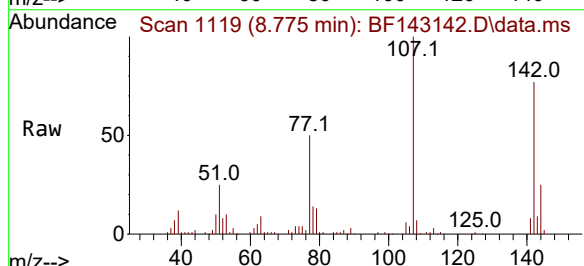
Tgt Ion:107 Resp: 84647

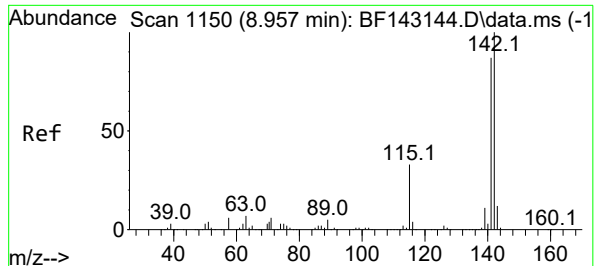
Ion Ratio Lower Upper

107 100

144 25.3 19.8 29.6

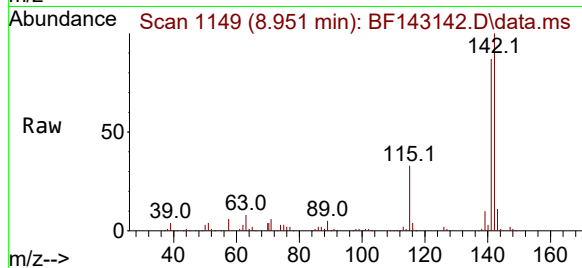
142 77.5 60.6 90.8





#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

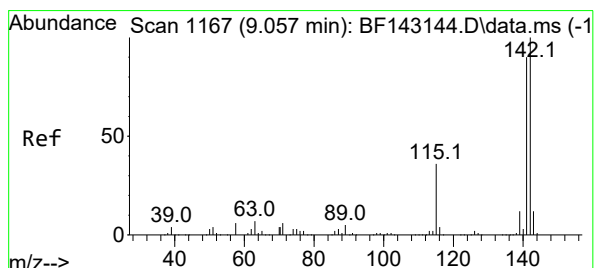
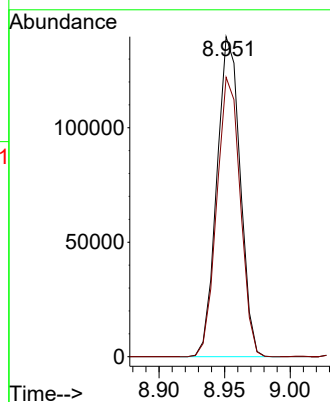
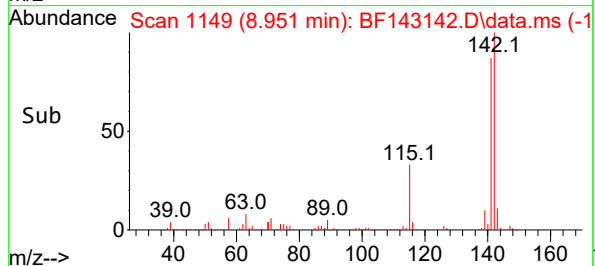
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



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

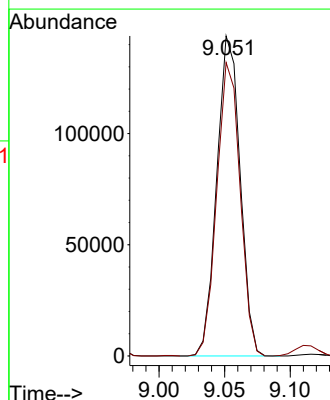
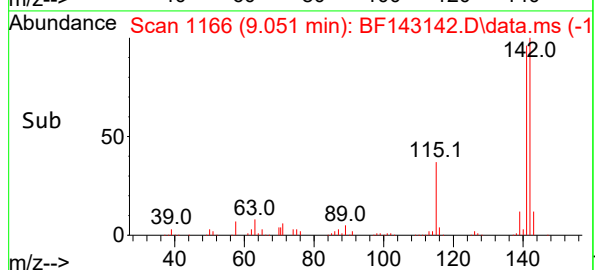
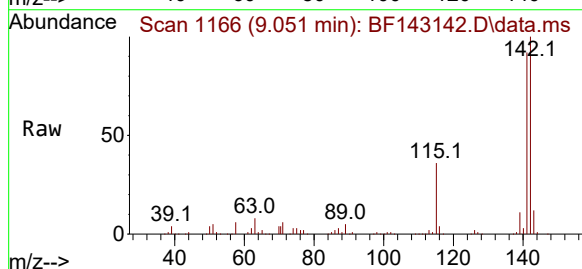
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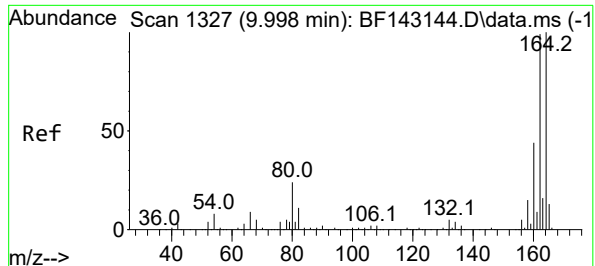
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

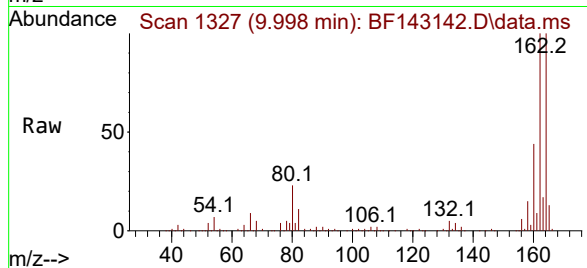
Acq: 17 Jul 2025 12:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



Tgt Ion:164 Resp: 282580

Ion Ratio Lower Upper

164 100

162 99.8 79.0 118.6

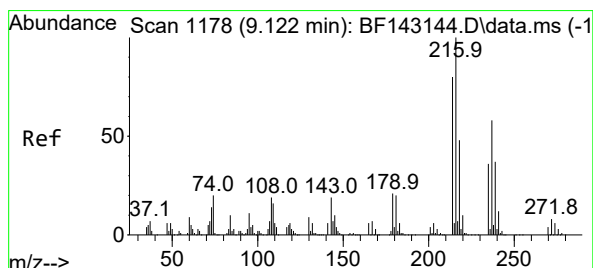
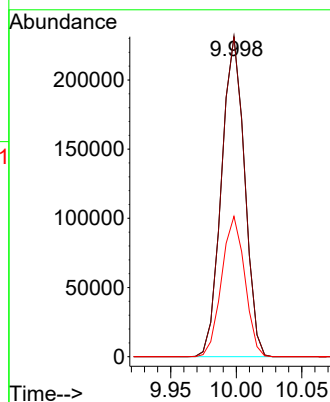
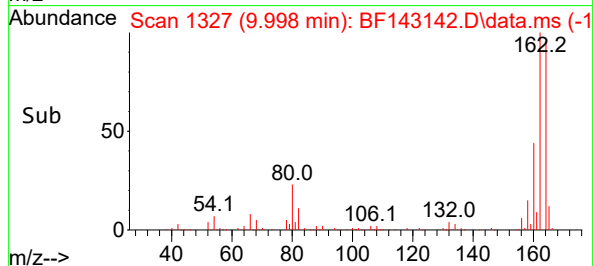
160 43.9 35.1 52.7

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#40

1,2,4,5-Tetrachlorobenzene

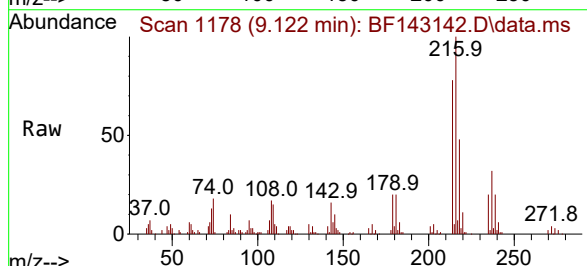
Concen: 10.357 ng

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

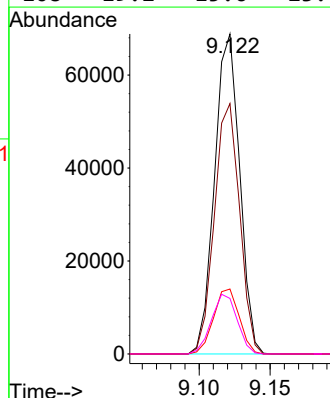
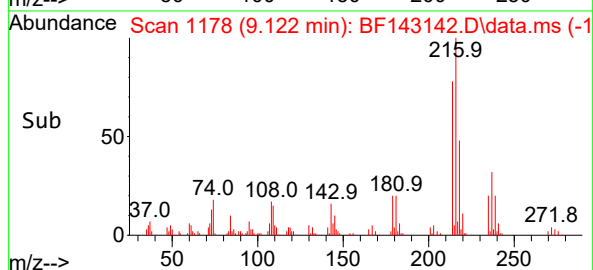
Ion Ratio Lower Upper

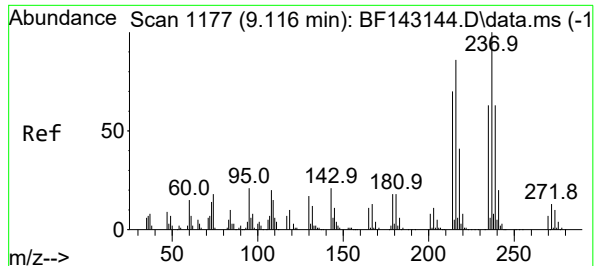
216 100

214 78.6 63.8 95.8

179 20.8 16.4 24.6

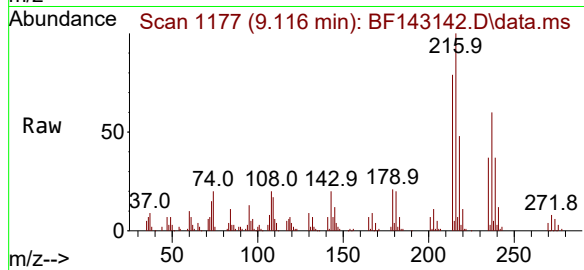
108 19.2 15.6 23.4





#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

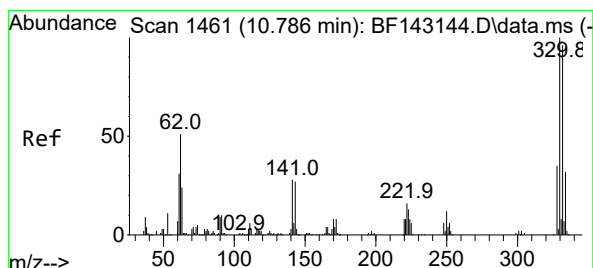
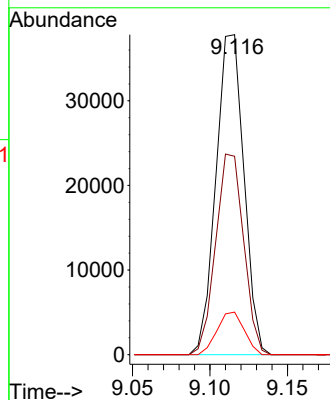
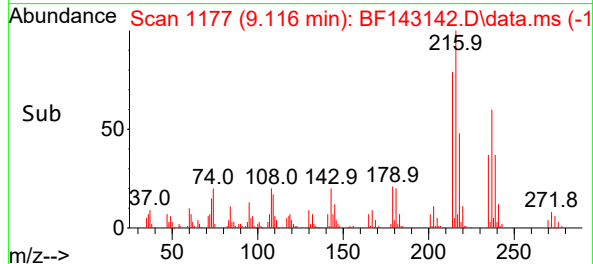
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



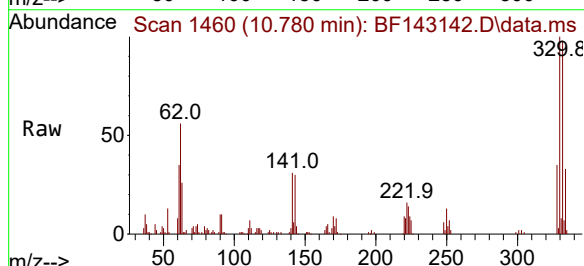
Tgt Ion:237 Resp: 4757
Ion Ratio Lower Upper
237 100
235 62.0 43.0 83.0
272 13.3 0.0 33.3

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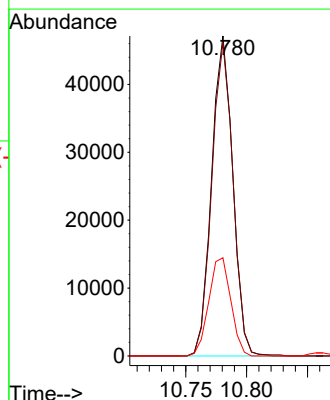
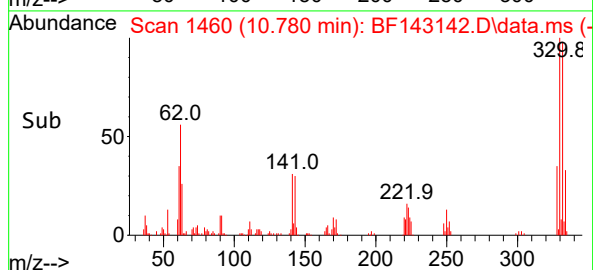
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

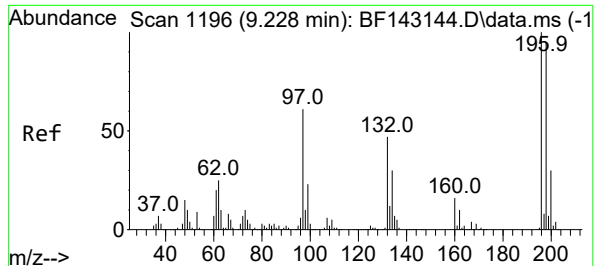


#42
2,4,6-Tribromophenol
Concen: 19.512 ng
RT: 10.780 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04



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

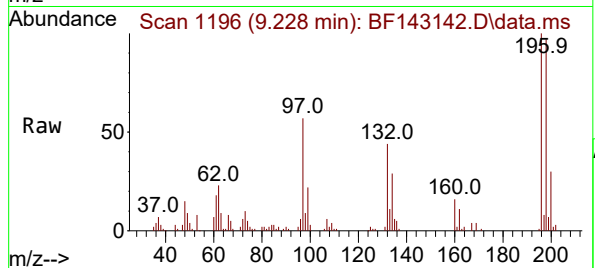
Acq: 17 Jul 2025 12:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



Tgt Ion:196 Resp: 57390

Ion Ratio Lower Upper

196 100

198 97.4 76.2 114.2

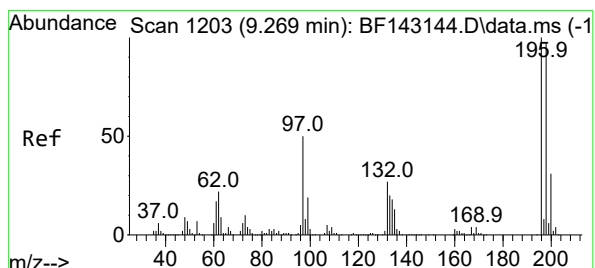
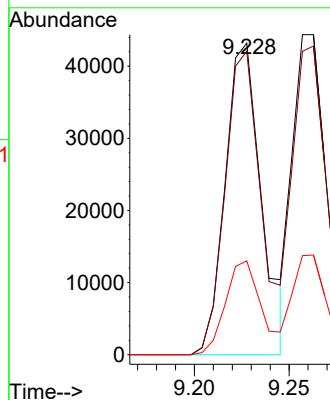
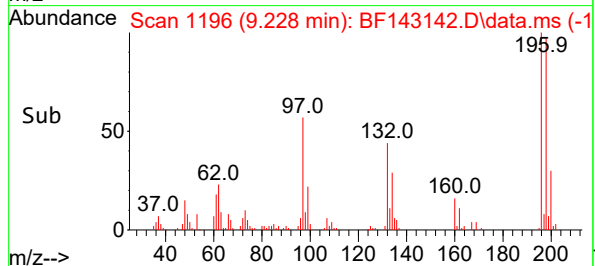
200 30.1 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#44

2,4,5-Trichlorophenol

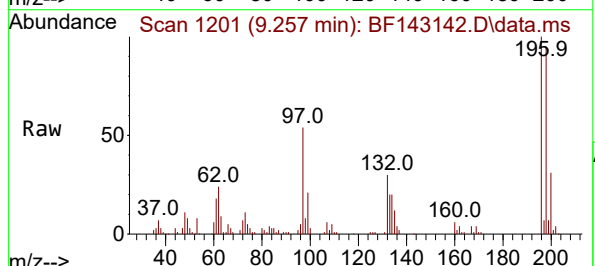
Concen: 9.688 ng

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

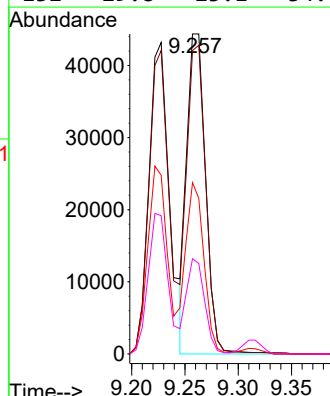
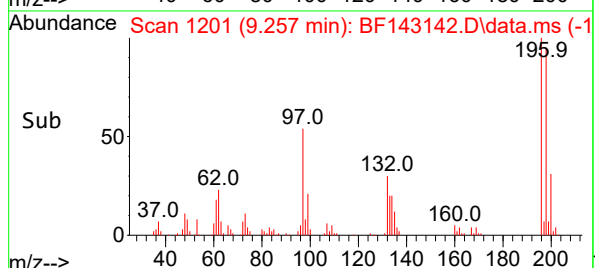
Ion Ratio Lower Upper

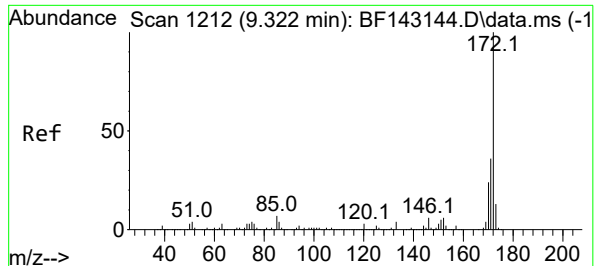
196 100

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

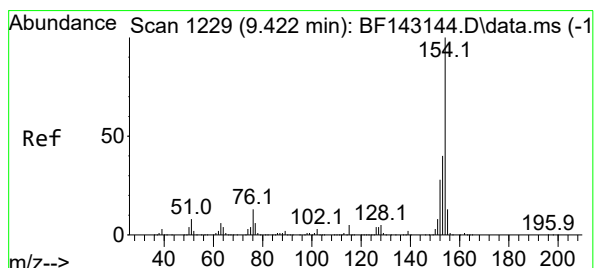
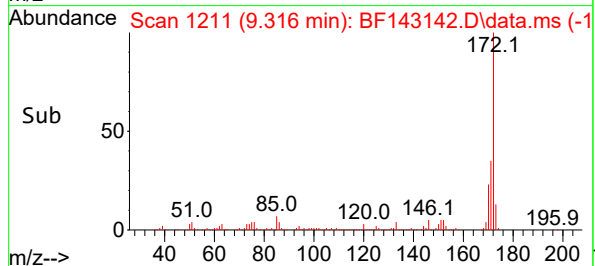
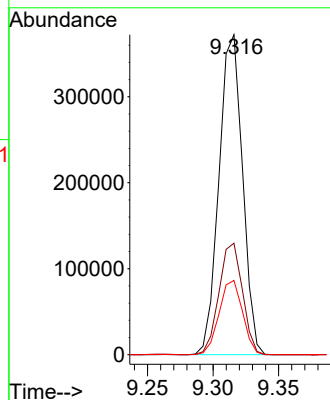
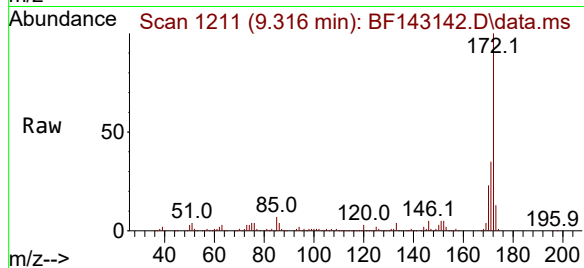
170 23.2 18.8 28.2

Manual Integrations

APPROVED

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

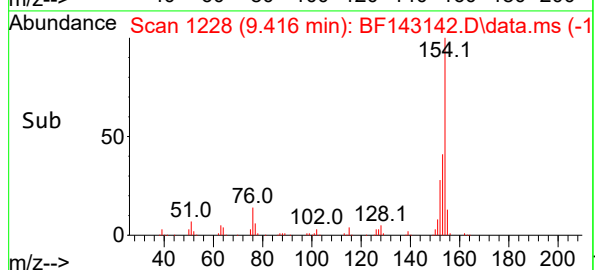
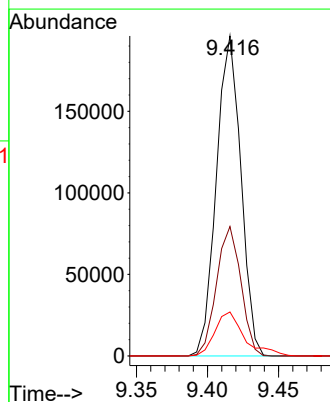
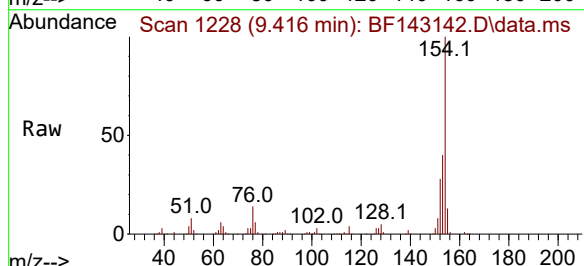
Tgt Ion:154 Resp: 235467

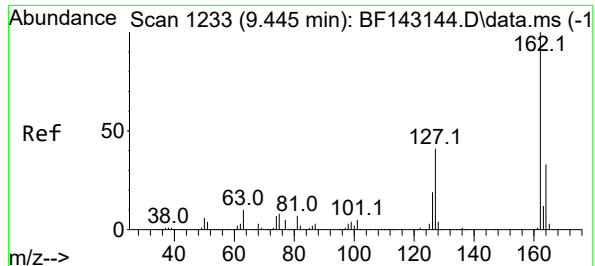
Ion Ratio Lower Upper

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# 1232

Delta R.T. -0.006 min

Lab File: BF143142.D

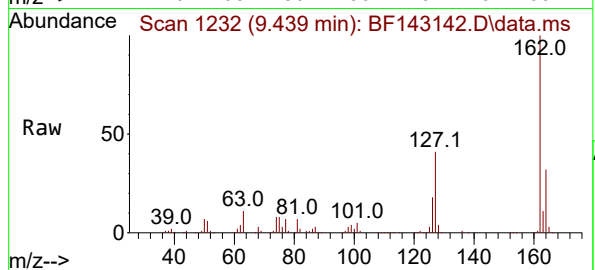
Acq: 17 Jul 2025 12:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



Tgt Ion:162 Resp: 17283

Ion Ratio Lower Upper

162 100

127 40.6 33.4 50.2

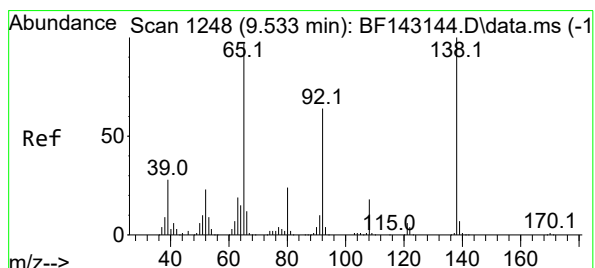
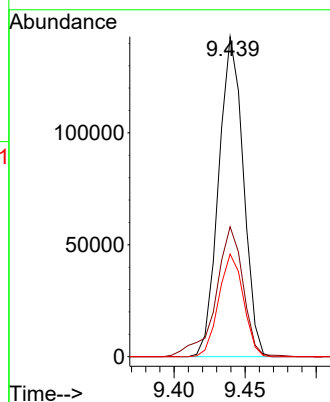
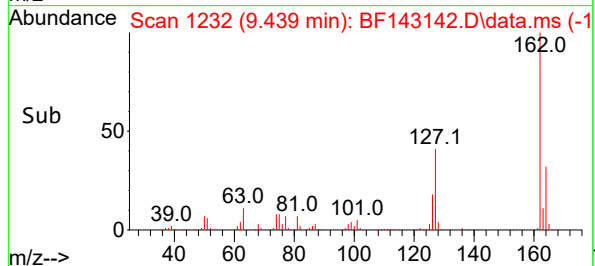
164 32.0 26.2 39.2

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#48

2-Nitroaniline

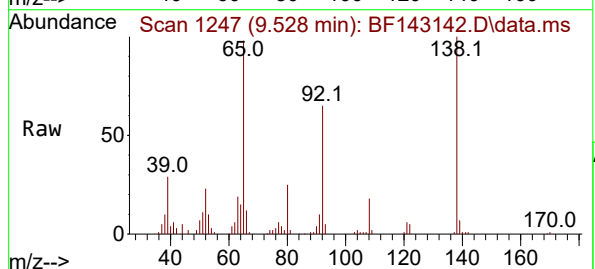
Concen: 9.198 ng

RT: 9.528 min Scan# 1247

Delta R.T. -0.006 min

Lab File: BF143142.D

Acq: 17 Jul 2025 12:04



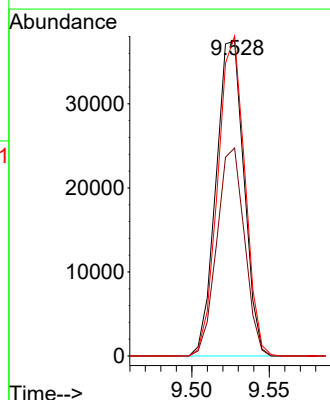
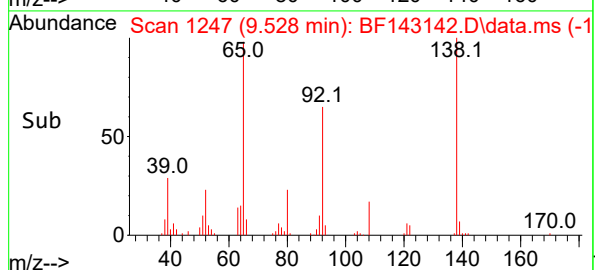
Tgt Ion: 65 Resp: 47055

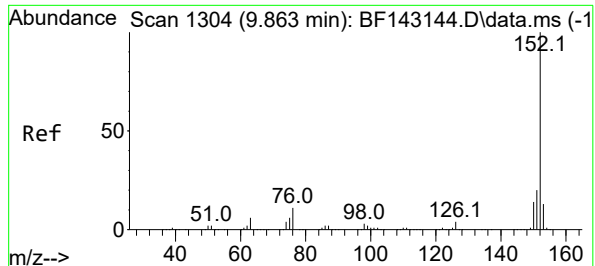
Ion Ratio Lower Upper

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

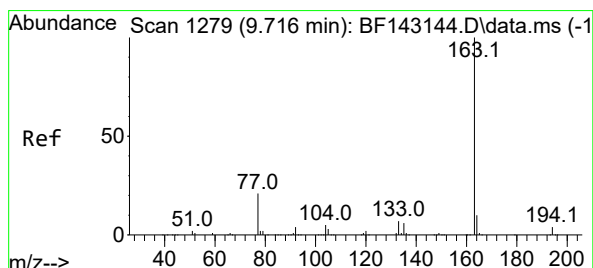
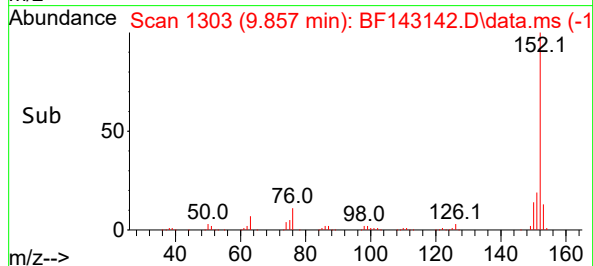
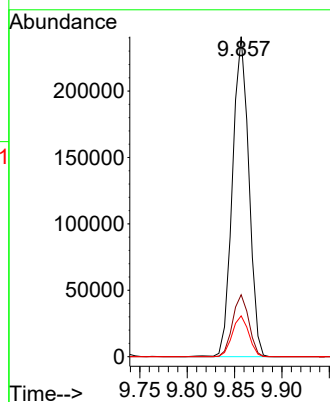
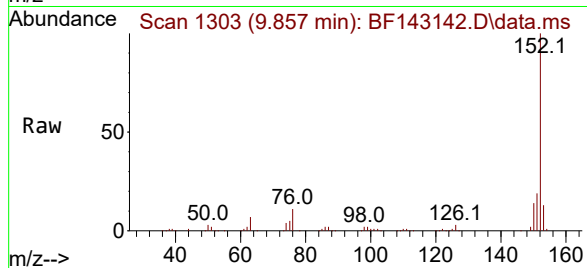
153 12.8 10.6 16.0

Manual Integrations

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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

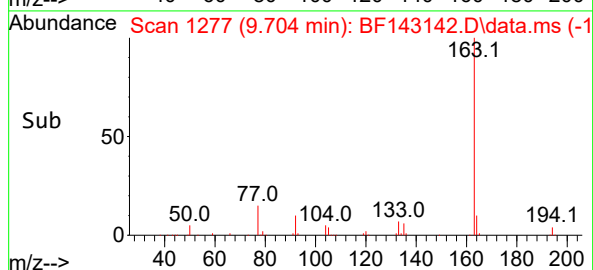
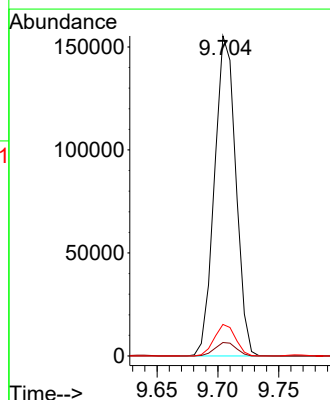
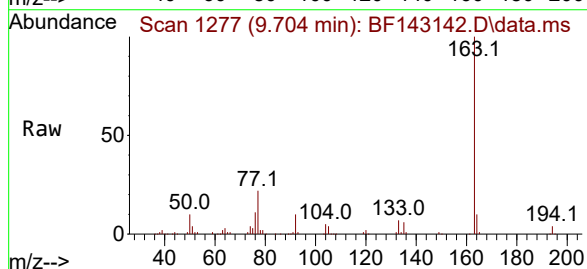
Tgt Ion:163 Resp: 189399

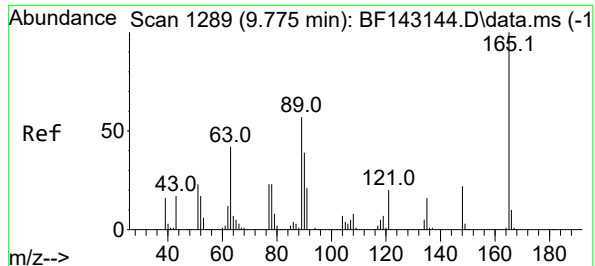
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

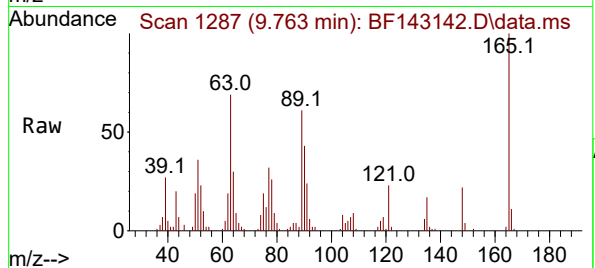
164 9.9 8.3 12.5





#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

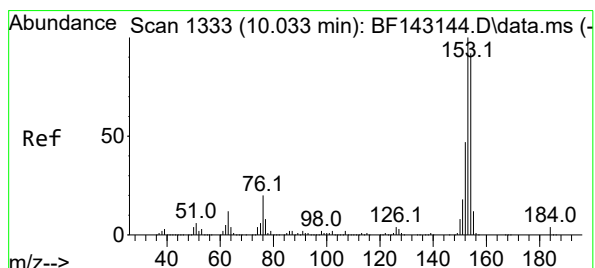
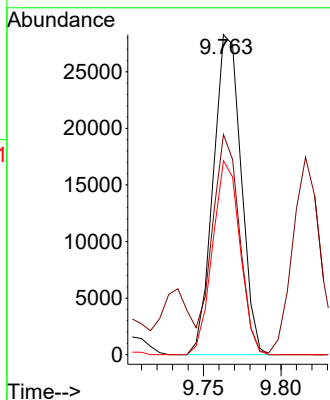
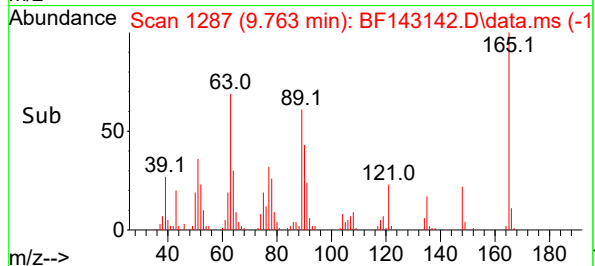
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



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

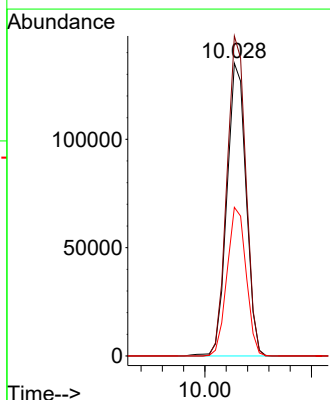
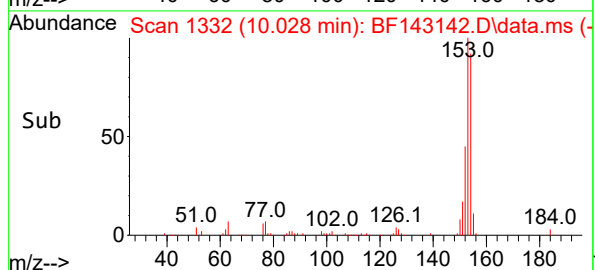
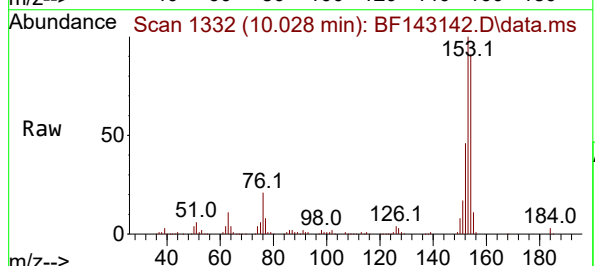
Manual Integrations
APPROVED

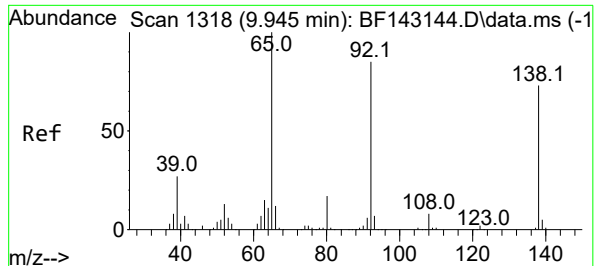
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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





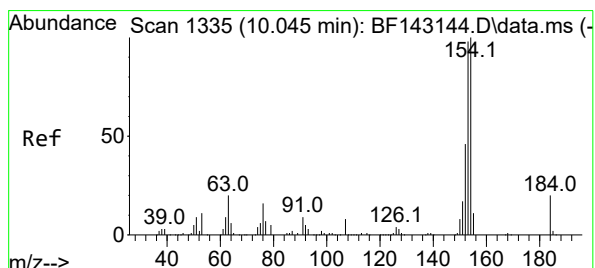
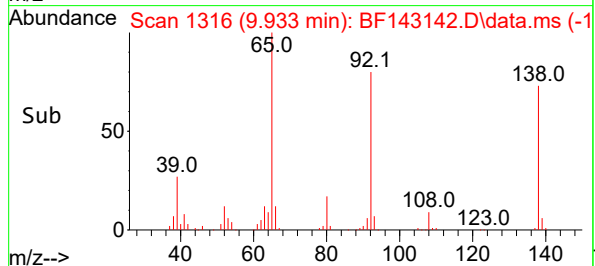
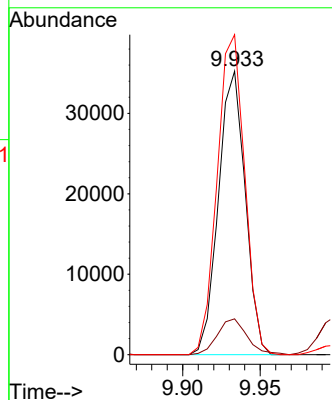
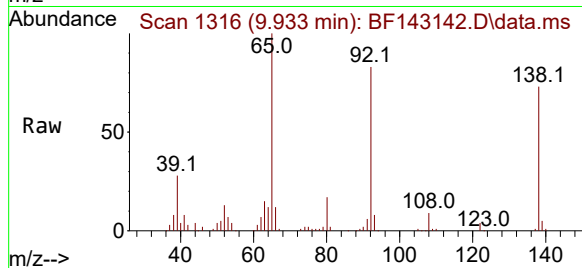
#53
3-Nitroaniline
Concen: 9.667 ng
RT: 9.933 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

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

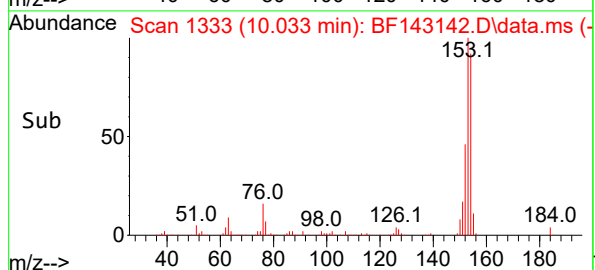
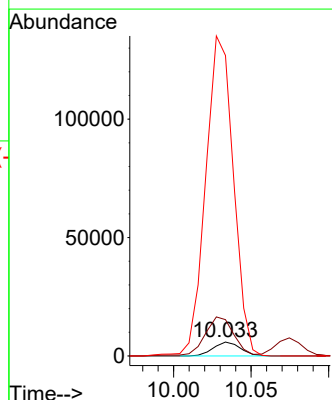
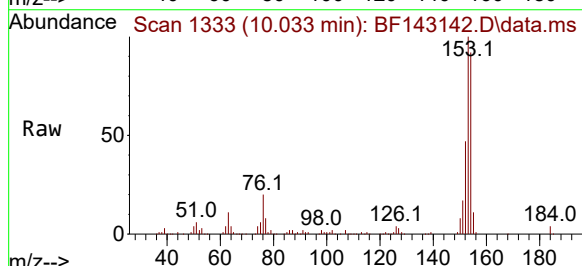
Manual Integrations
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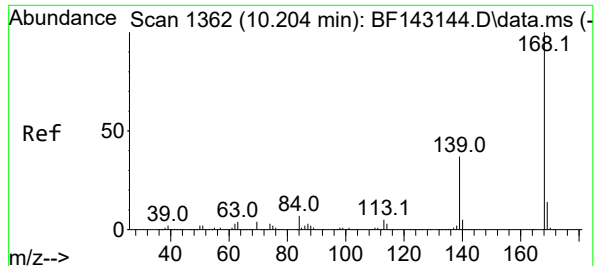
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

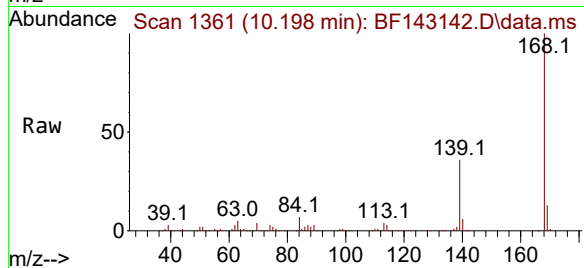
Tgt Ion:184 Resp: 7147
Ion Ratio Lower Upper
184 100
63 261.5 81.8 122.6#
154 2164.9 412.2 618.4#





#55
Dibenzenofuran
Concen: 10.641 ng
RT: 10.198 min Scan# 1361
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

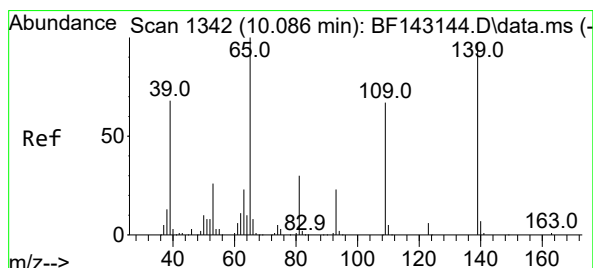
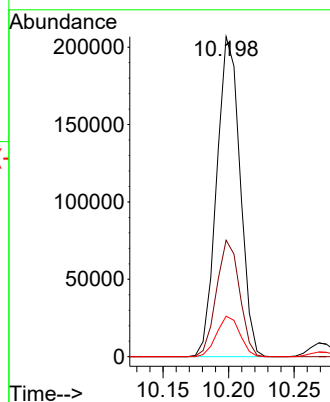
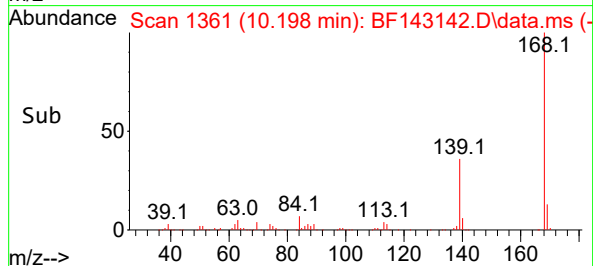
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



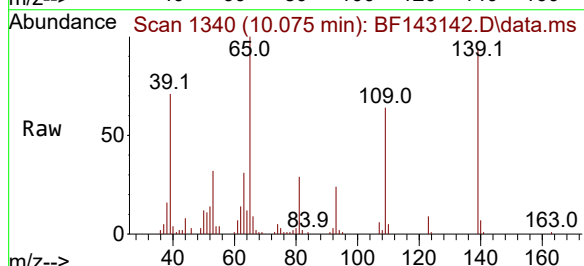
Tgt Ion:168 Resp: 255272
Ion Ratio Lower Upper
168 100
139 36.4 29.5 44.3
169 12.7 10.9 16.3

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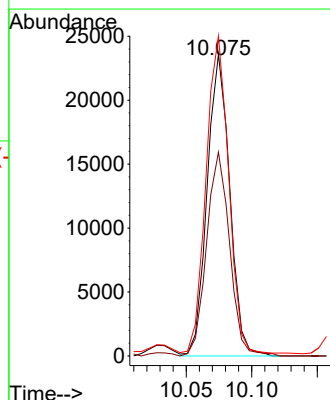
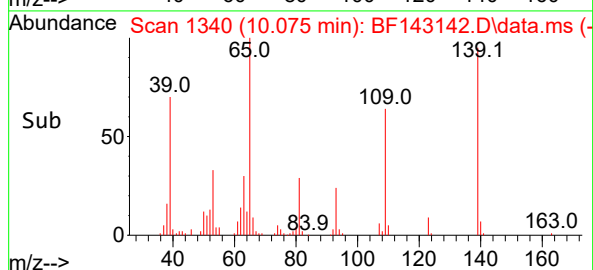
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

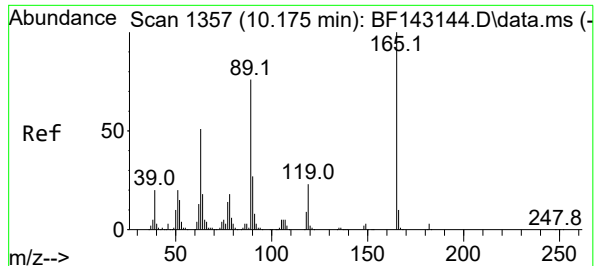


#56
4-Nitrophenol
Concen: 8.627 ng
RT: 10.075 min Scan# 1340
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04



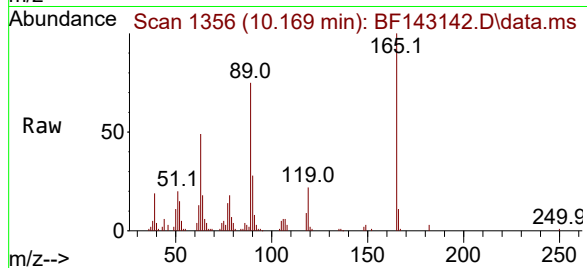
Tgt Ion:139 Resp: 28233
Ion Ratio Lower Upper
139 100
109 67.5 48.5 88.5
65 106.0 83.4 123.4





#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

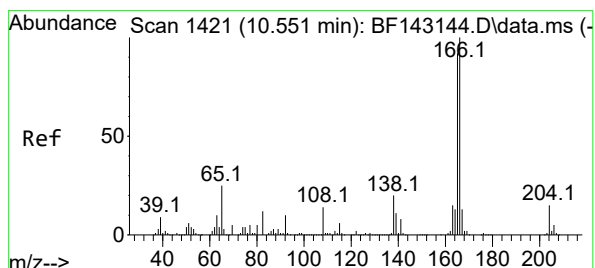
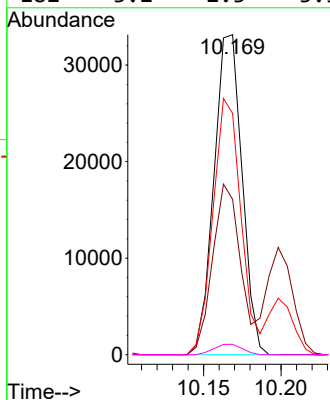
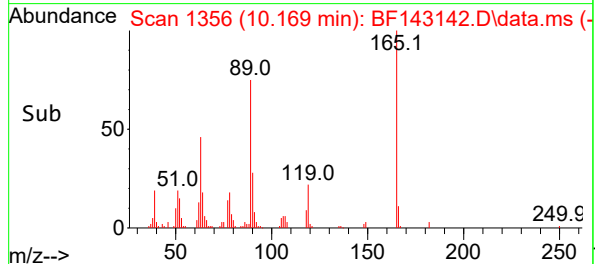
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



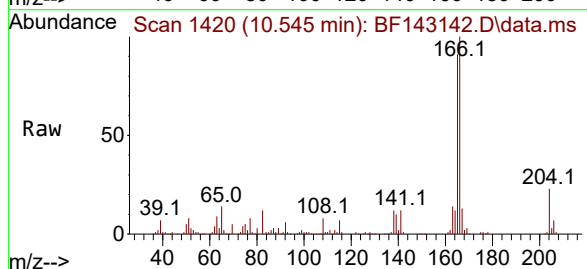
Tgt Ion:165 Resp: 4181
Ion Ratio Lower Upper
165 100
63 48.5 41.0 61.4
89 75.4 61.1 91.7
182 3.2 2.3 3.5

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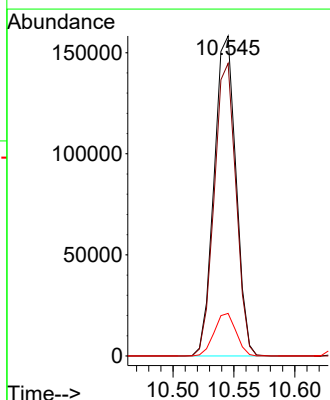
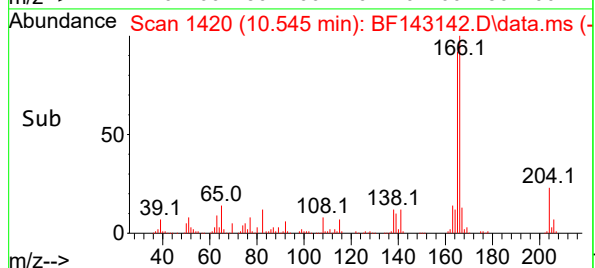
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

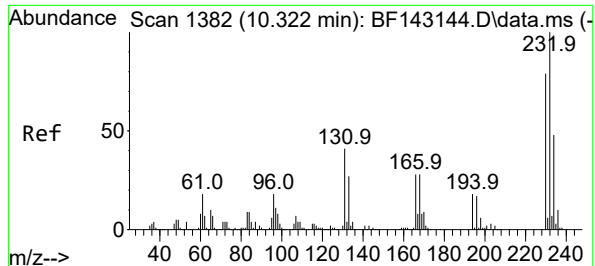


#58
Fluorene
Concen: 10.999 ng
RT: 10.545 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04



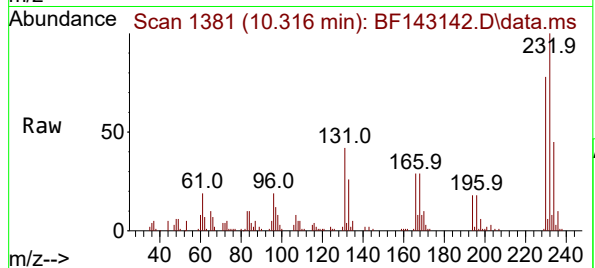
Tgt Ion:166 Resp: 198041
Ion Ratio Lower Upper
166 100
165 91.4 73.7 110.5
167 13.3 10.6 16.0





#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

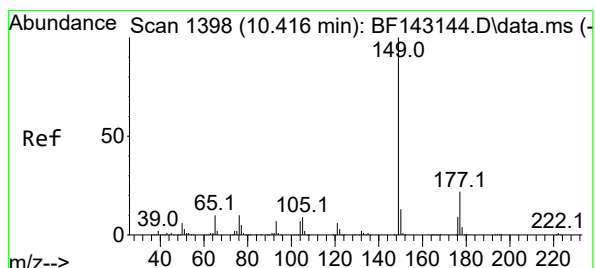
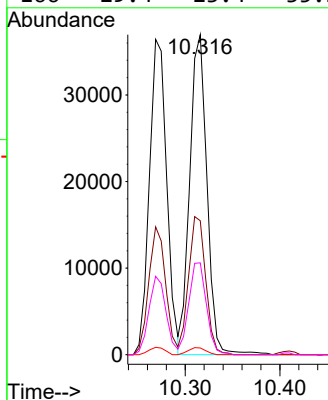
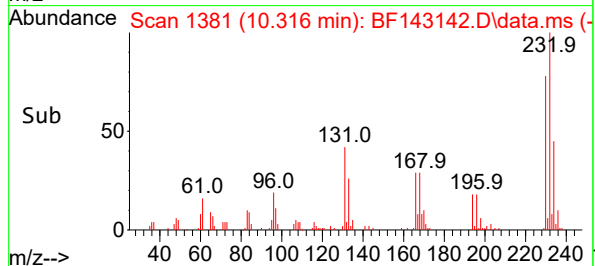
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



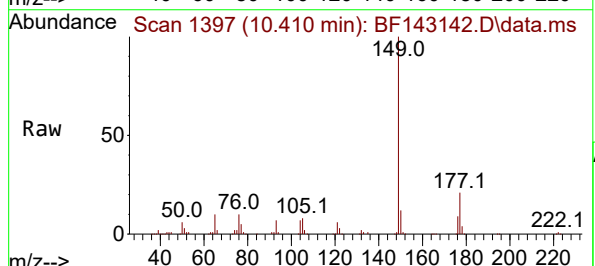
Tgt Ion:232 Resp: 46720
Ion Ratio Lower Upper
232 100
131 43.0 35.3 52.9
130 2.2 1.7 2.5
166 29.4 23.4 35.2

Manual Integrations
APPROVED

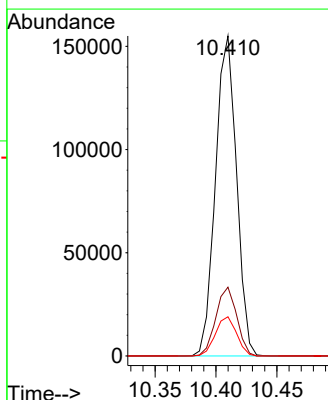
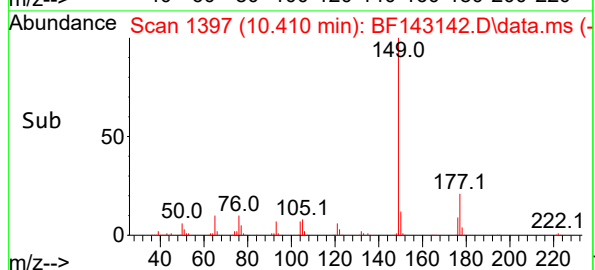
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

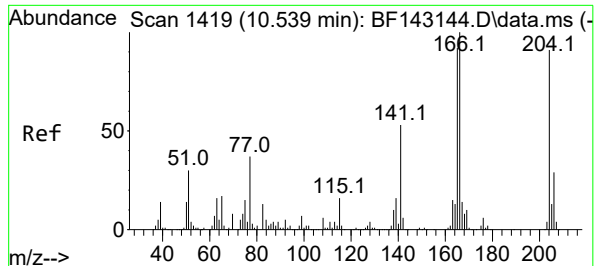


#60
Diethylphthalate
Concen: 10.261 ng
RT: 10.410 min Scan# 1397
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04



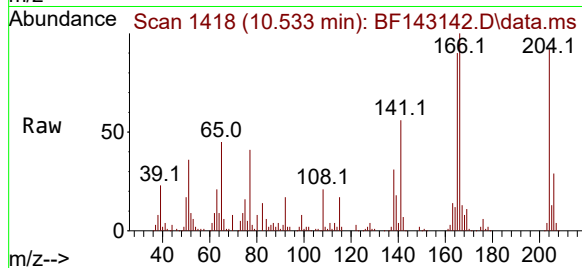
Tgt Ion:149 Resp: 186802
Ion Ratio Lower Upper
149 100
177 21.5 17.5 26.3
150 12.3 10.2 15.2





#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

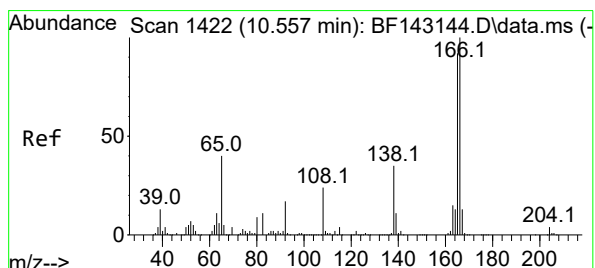
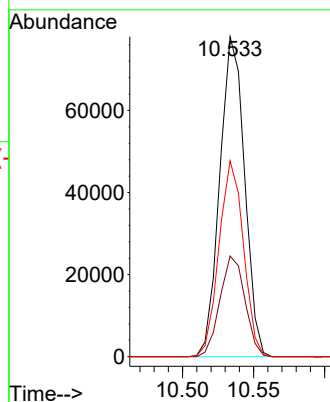
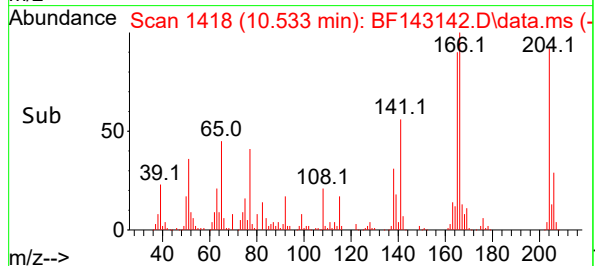
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



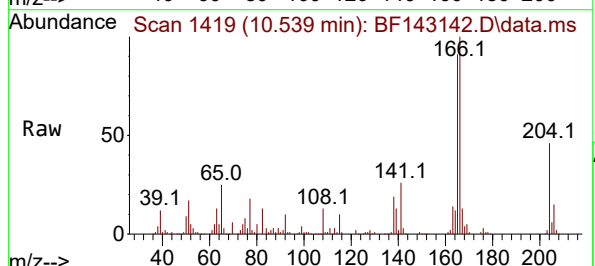
Tgt Ion:204 Resp: 9468
Ion Ratio Lower Upper
204 100
206 31.4 25.8 38.8
141 61.2 47.0 70.4

Manual Integrations
APPROVED

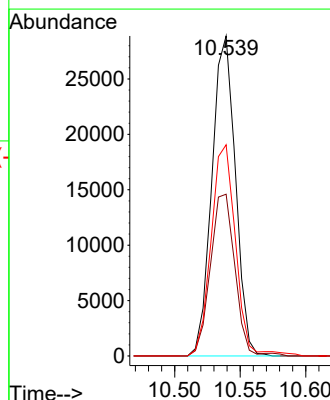
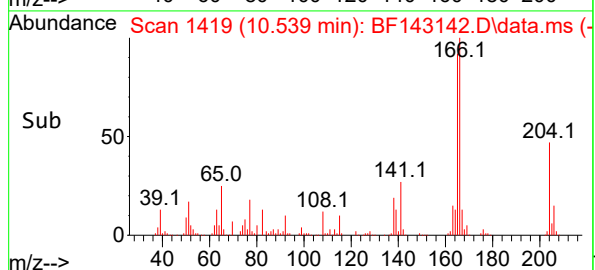
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

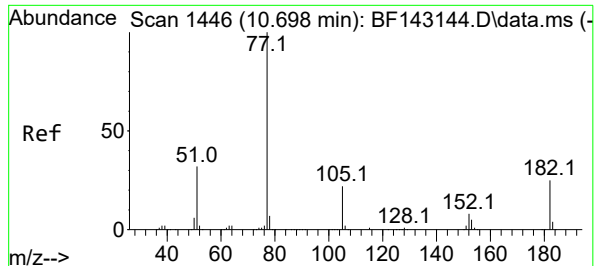


#62
4-Nitroaniline
Concen: 9.574 ng
RT: 10.539 min Scan# 1419
Delta R.T. -0.018 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04



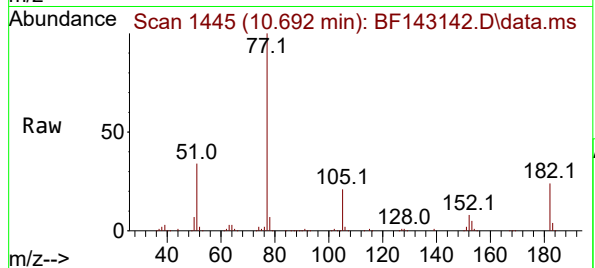
Tgt Ion:138 Resp: 35962
Ion Ratio Lower Upper
138 100
92 50.5 29.3 69.3
108 66.0 48.3 88.3





#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

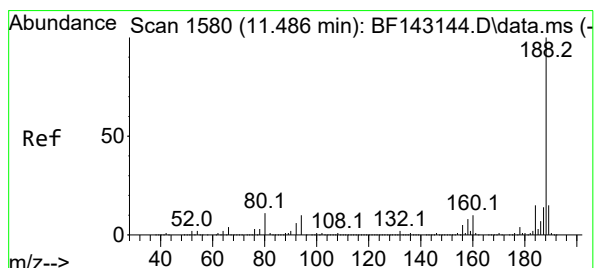
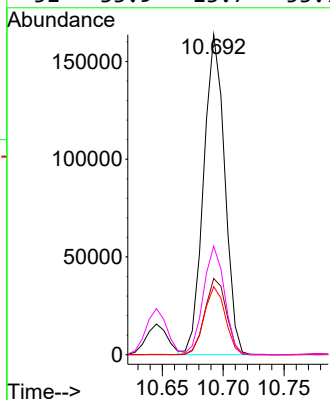
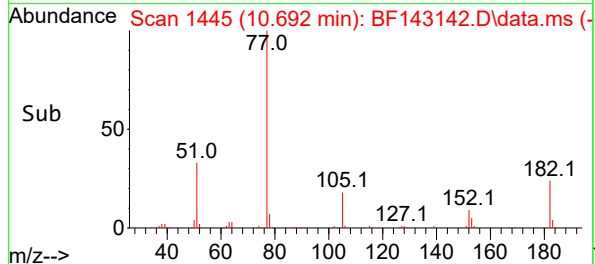
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



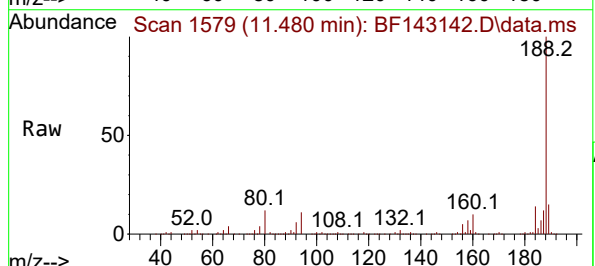
Tgt Ion: 77 Resp: 197998
Ion Ratio Lower Upper
77 100
182 23.8 4.6 44.6
105 21.2 1.4 41.4
51 33.9 13.7 53.7

Manual Integrations
APPROVED

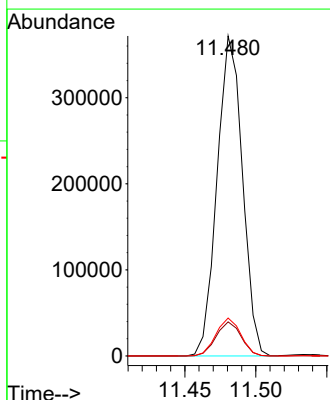
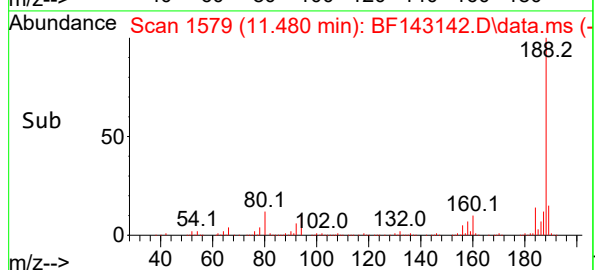
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

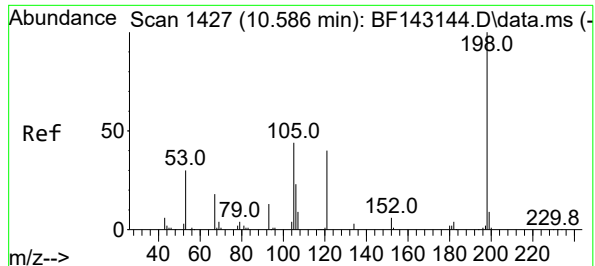


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04



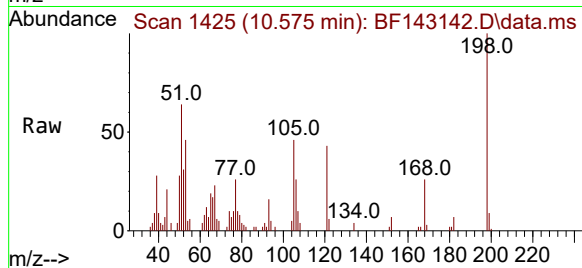
Tgt Ion:188 Resp: 461255
Ion Ratio Lower Upper
188 100
94 10.7 8.3 12.5
80 11.8 9.0 13.6





#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

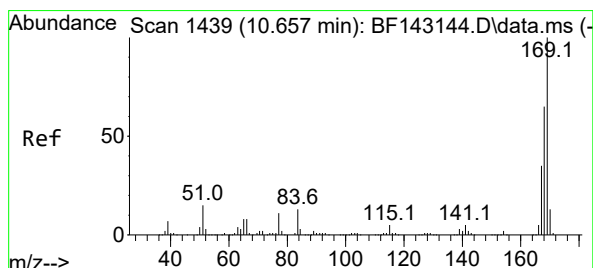
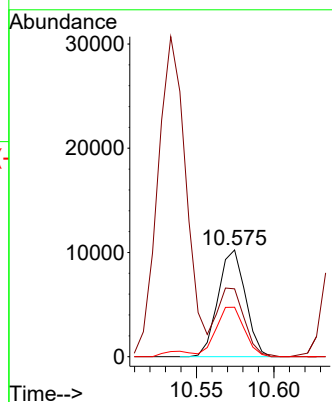
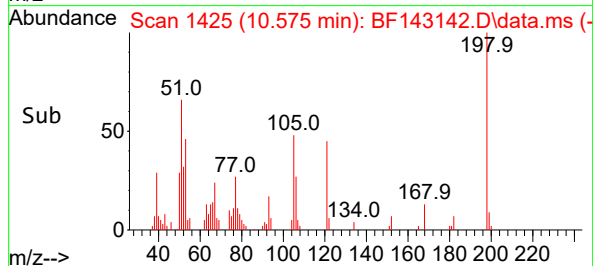
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



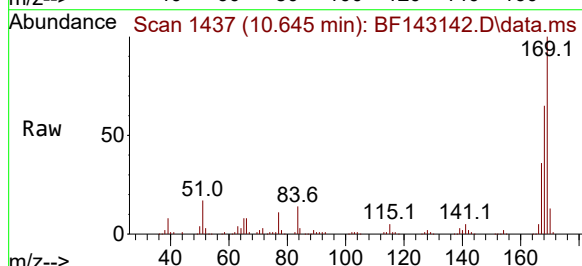
Tgt Ion:198 Resp: 1254
Ion Ratio Lower Upper
198 100
51 63.6 37.2 77.2
105 46.4 24.8 64.8

Manual Integrations
APPROVED

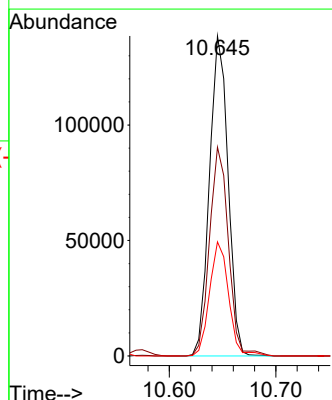
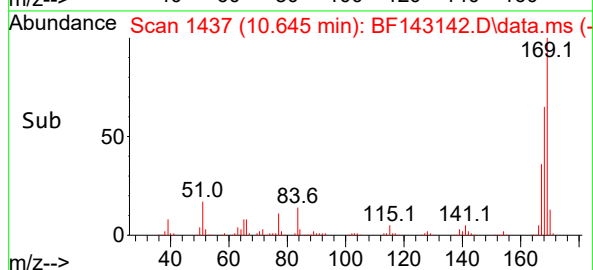
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

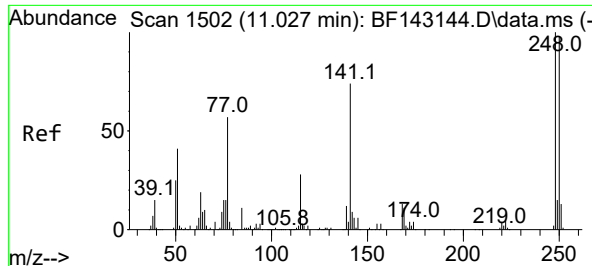


#66
n-Nitrosodiphenylamine
Concen: 10.337 ng
RT: 10.645 min Scan# 1437
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04



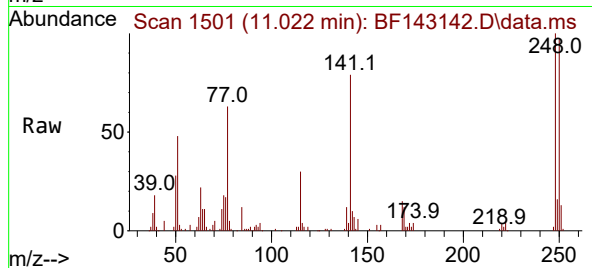
Tgt Ion:169 Resp: 167901
Ion Ratio Lower Upper
169 100
168 65.2 52.1 78.1
167 35.6 28.2 42.2





#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

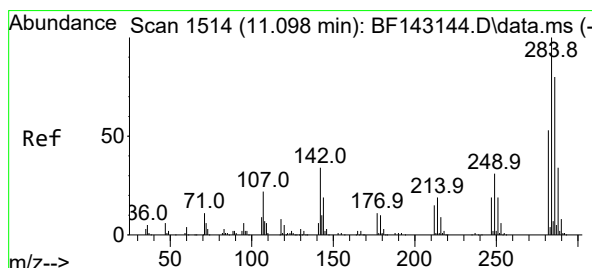
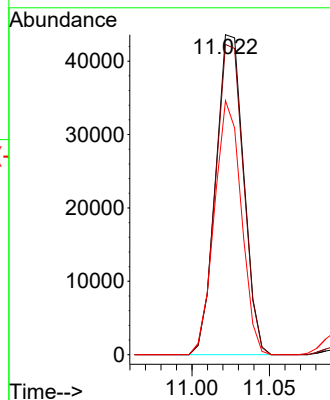
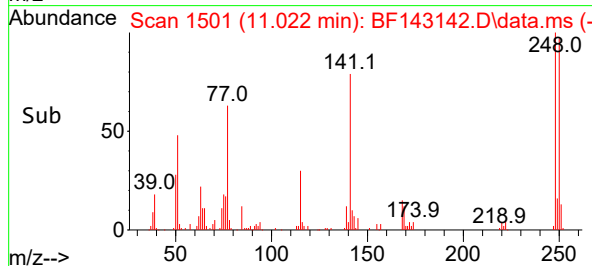
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



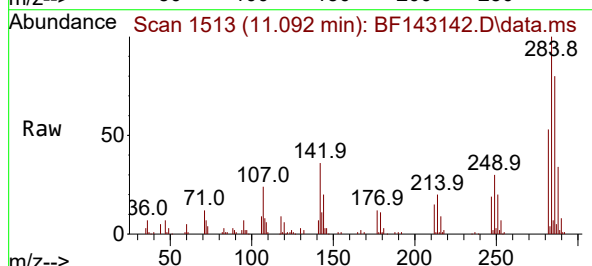
Tgt Ion:248 Resp: 54849
Ion Ratio Lower Upper
248 100
250 97.0 78.3 117.5
141 79.4 59.2 88.8

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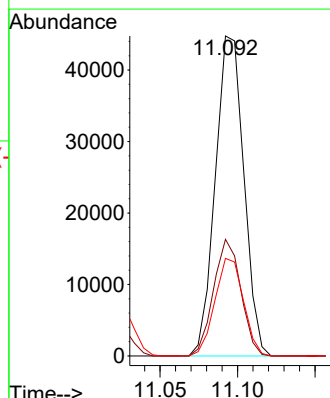
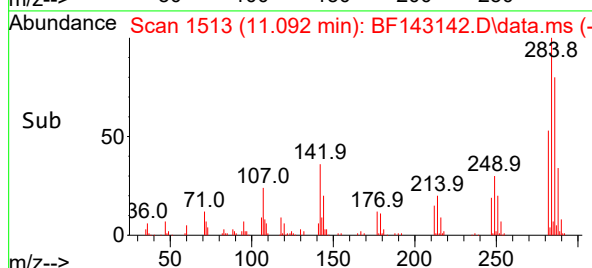
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

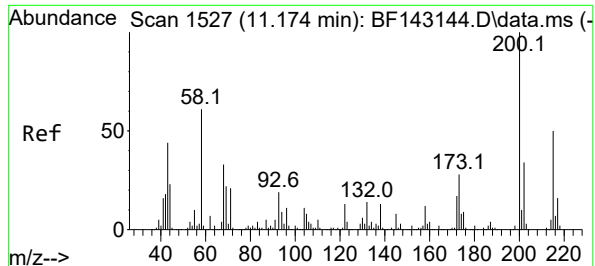


#68
Hexachlorobenzene
Concen: 9.974 ng
RT: 11.092 min Scan# 1513
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04



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

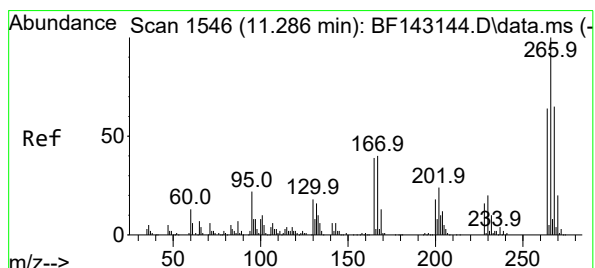
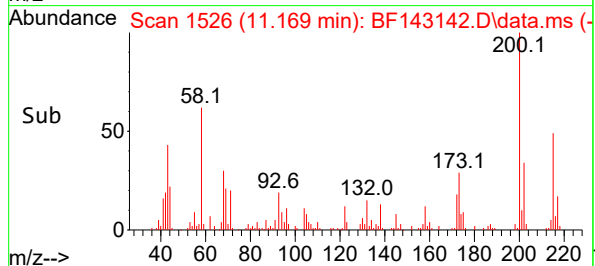
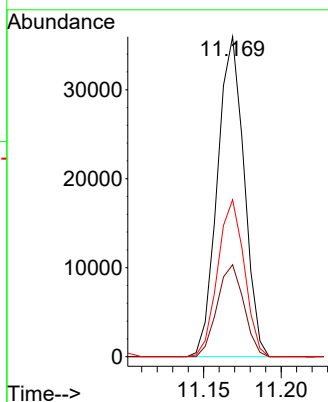
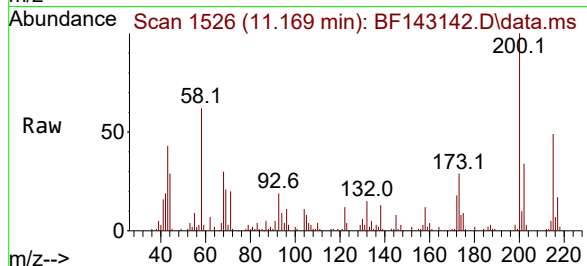
215 49.1 30.1 70.1

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

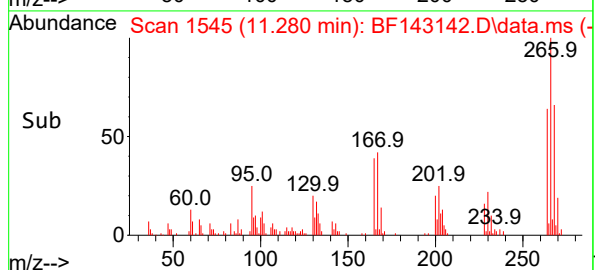
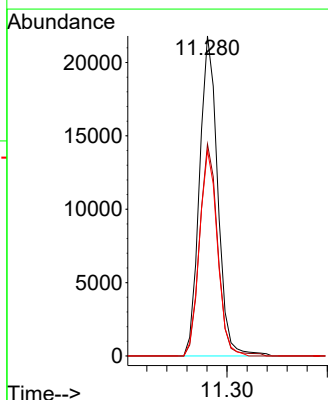
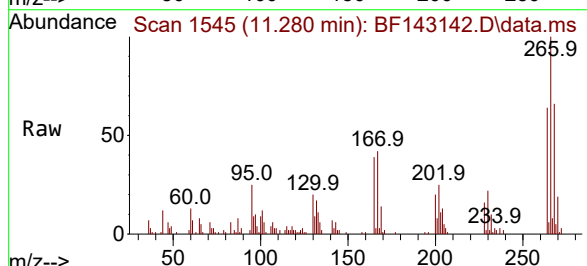
Tgt Ion:266 Resp: 27529

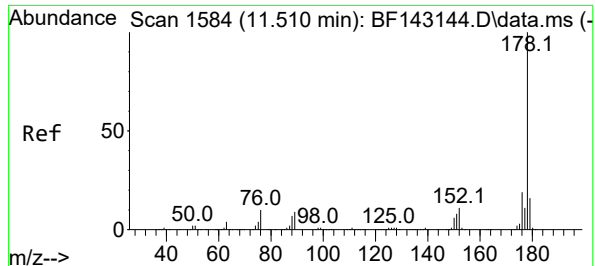
Ion Ratio Lower Upper

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

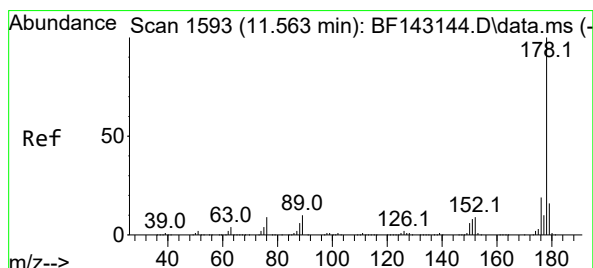
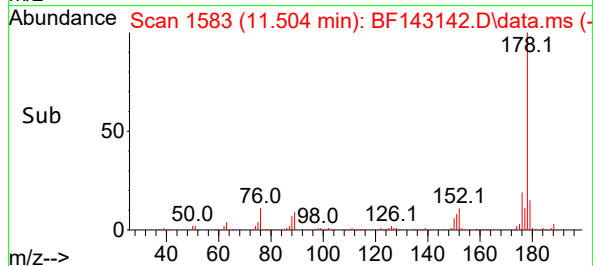
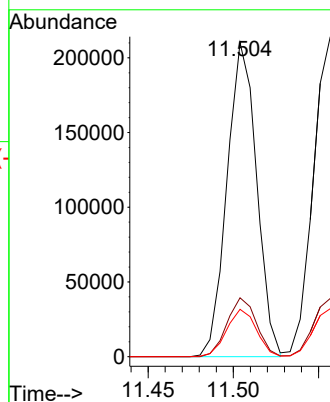
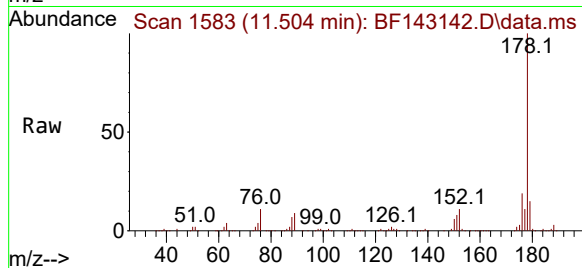
179 15.1 12.5 18.7

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

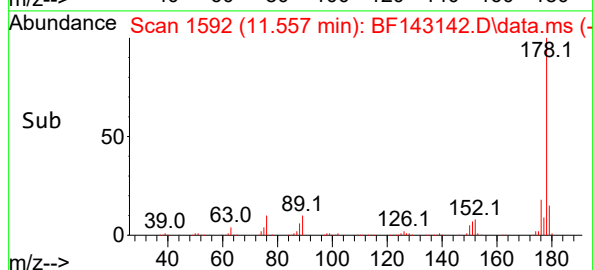
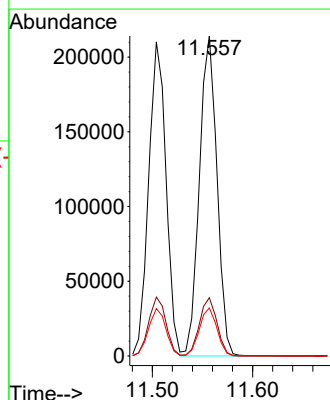
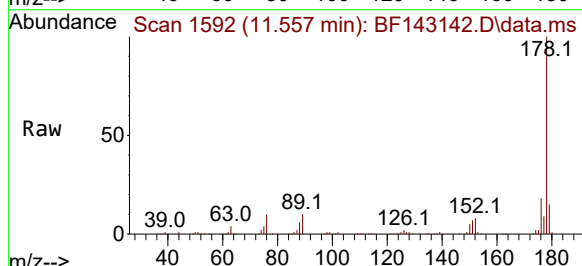
Tgt Ion:178 Resp: 261960

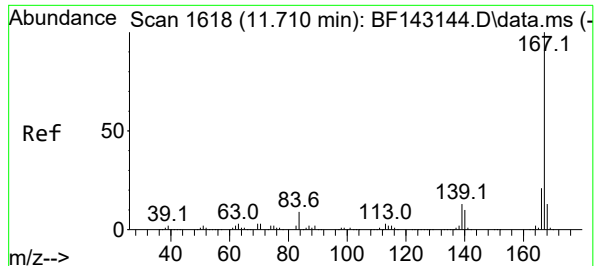
Ion Ratio Lower Upper

178 100

176 18.2 15.0 22.4

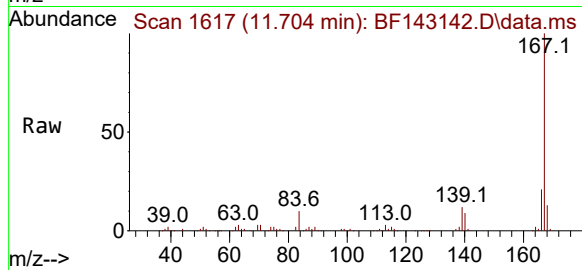
179 15.0 12.5 18.7





#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

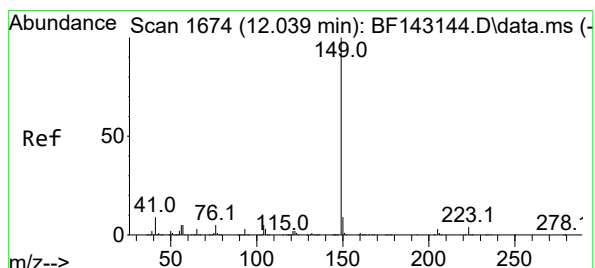
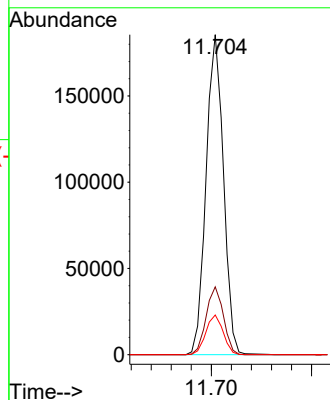
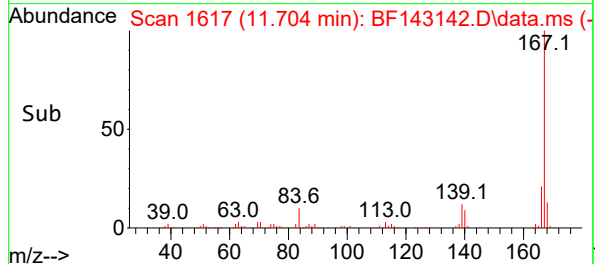
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



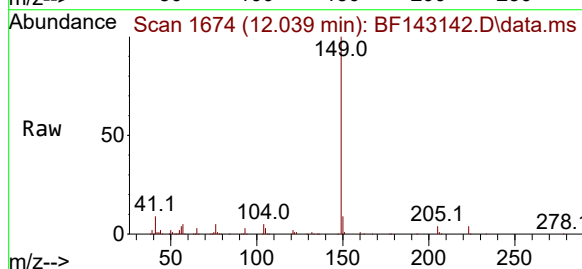
Tgt Ion:167 Resp: 223370
Ion Ratio Lower Upper
167 100
166 21.2 17.0 25.6
139 12.4 10.0 15.0

Manual Integrations
APPROVED

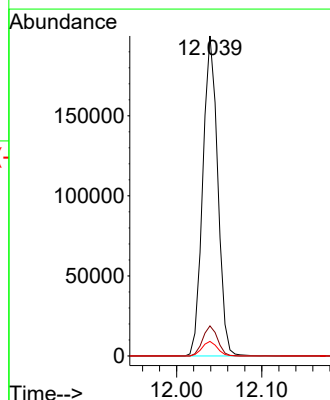
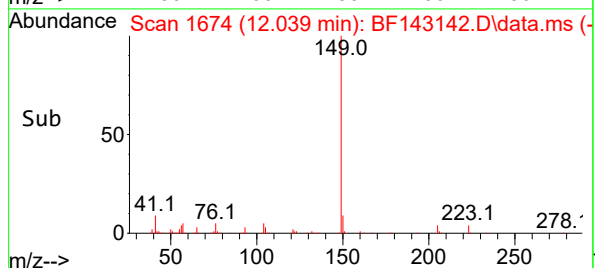
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

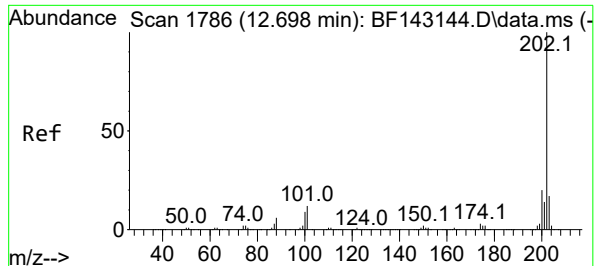


#74
Di-n-butylphthalate
Concen: 9.852 ng
RT: 12.039 min Scan# 1674
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04



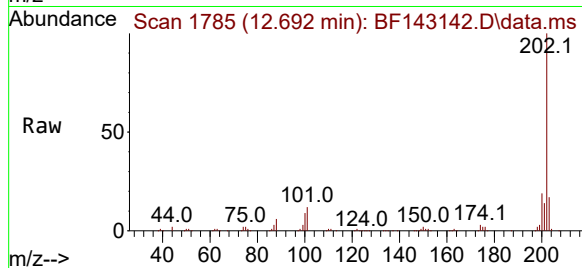
Tgt Ion:149 Resp: 243142
Ion Ratio Lower Upper
149 100
150 9.4 7.4 11.2
104 4.6 3.8 5.8





#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

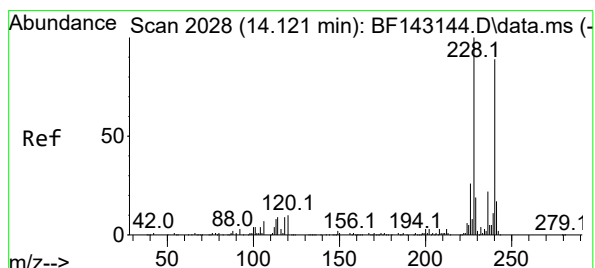
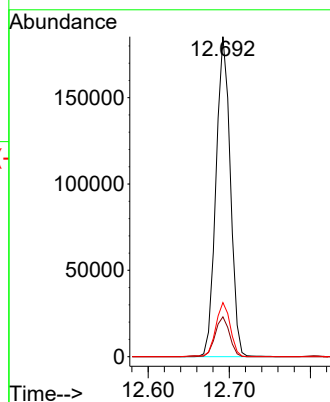
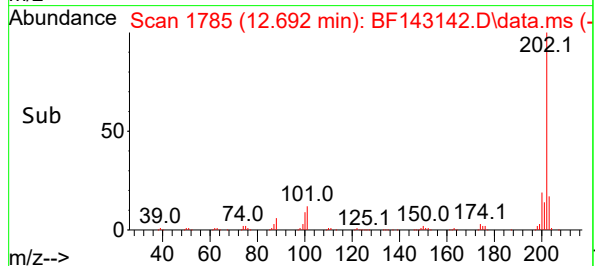
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



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

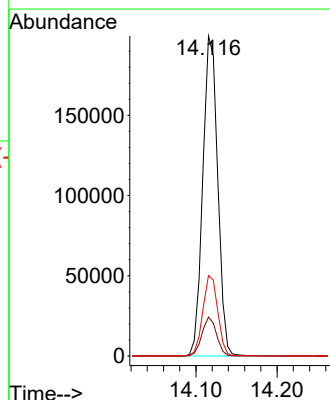
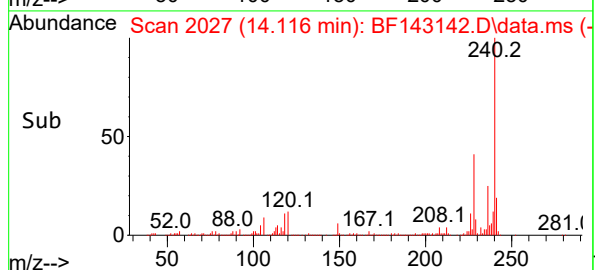
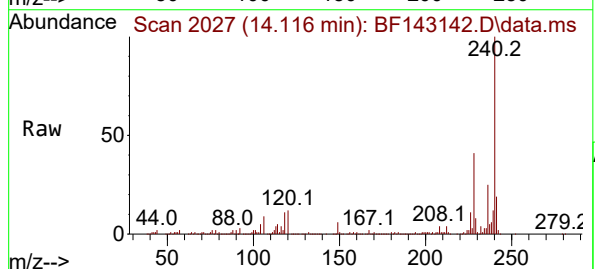
Manual Integrations
APPROVED

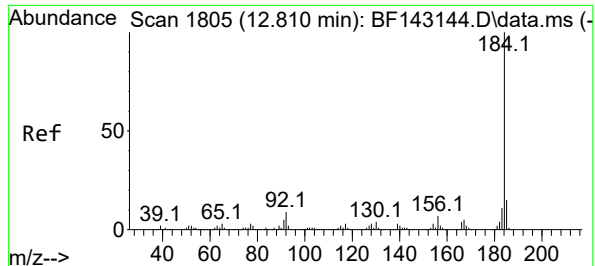
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

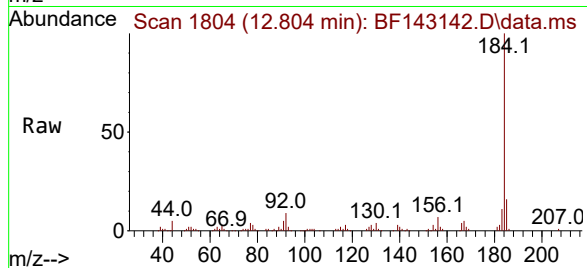
Tgt Ion:240 Resp: 254650
Ion Ratio Lower Upper
240 100
120 12.2 9.4 14.2
236 25.1 20.2 30.4





#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

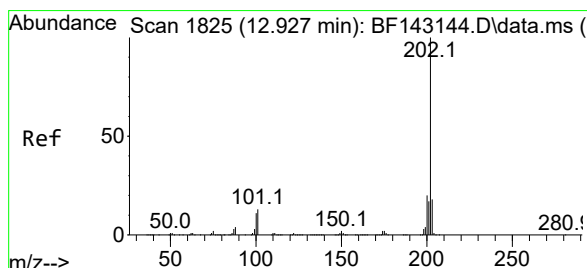
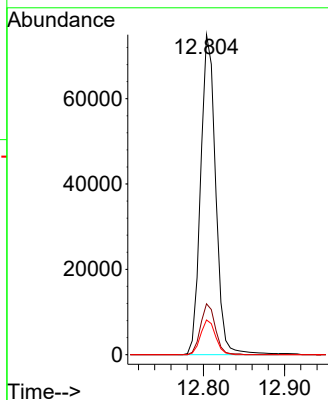
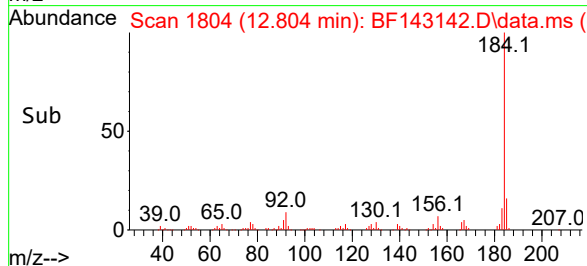
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



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

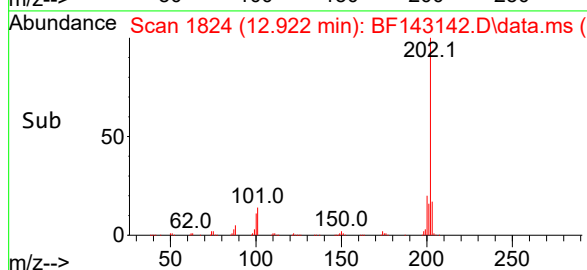
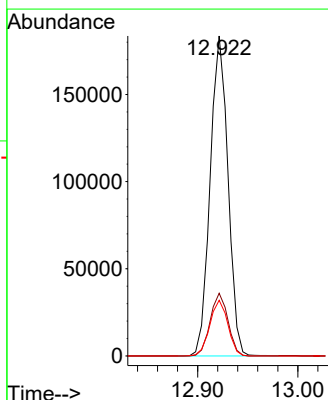
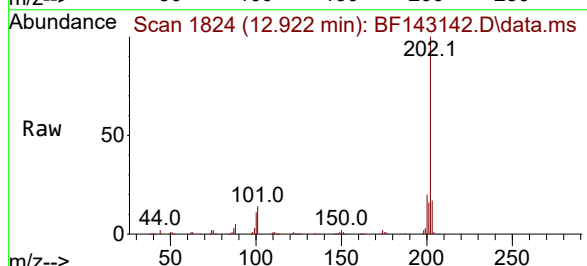
Manual Integrations
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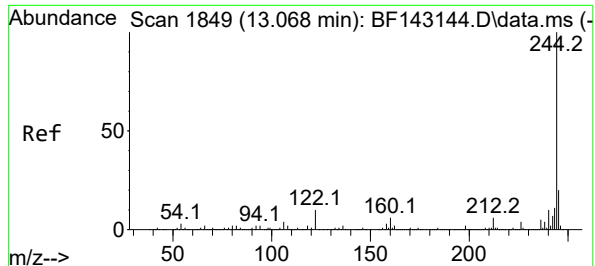
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

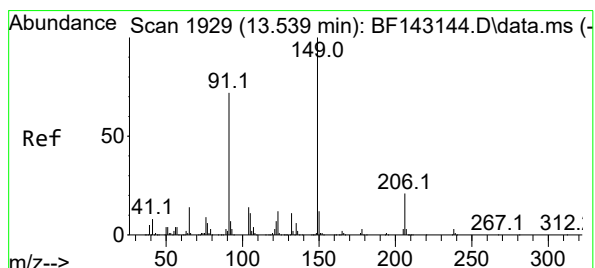
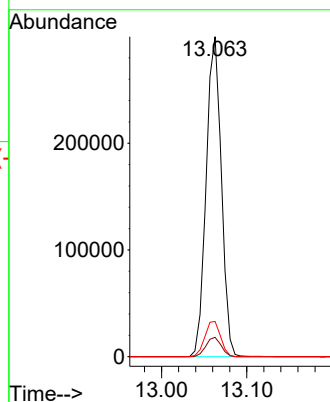
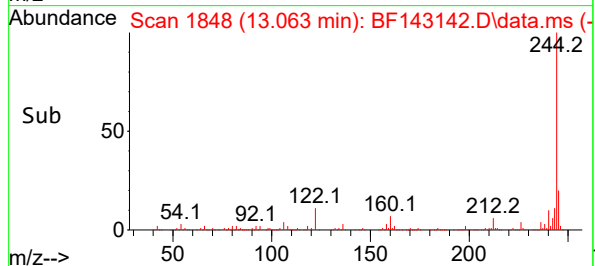
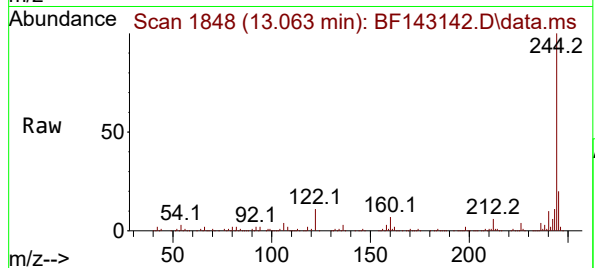
122 11.0 8.2 12.2

Manual Integrations

APPROVED

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

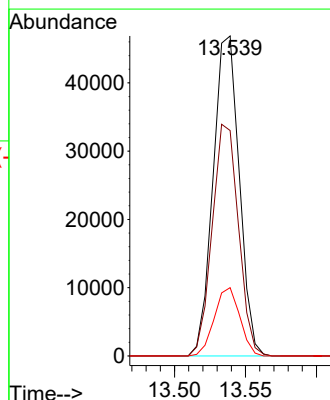
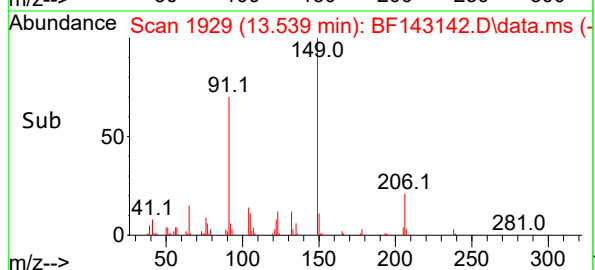
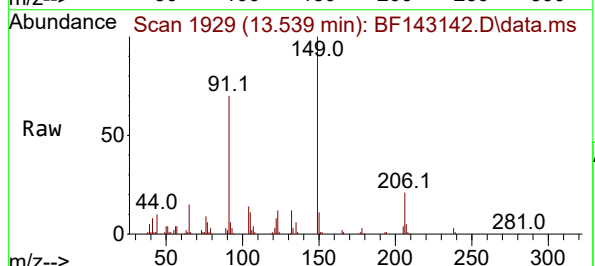
Tgt Ion:149 Resp: 60055

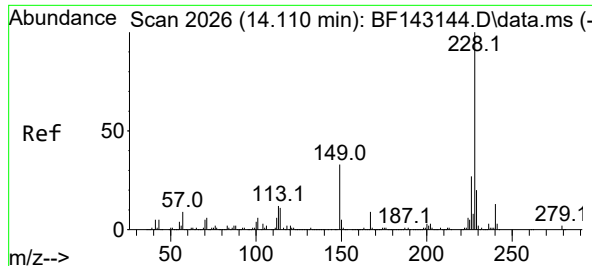
Ion Ratio Lower Upper

149 100

91 70.4 57.9 86.9

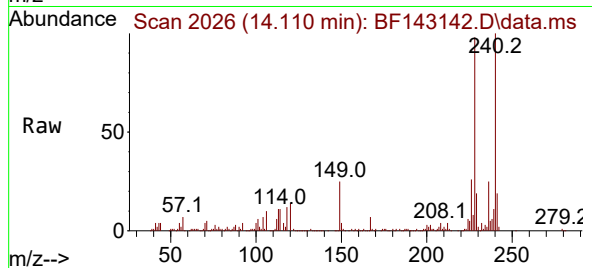
206 21.3 17.0 25.4





#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

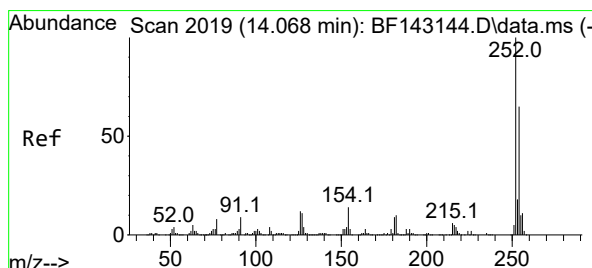
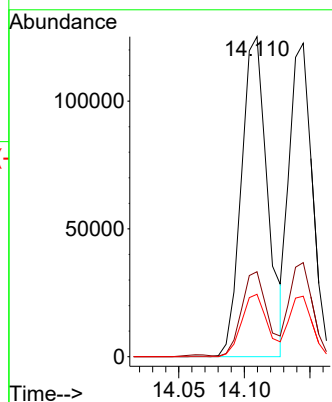
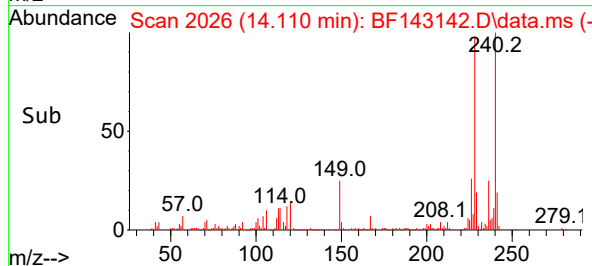
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



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

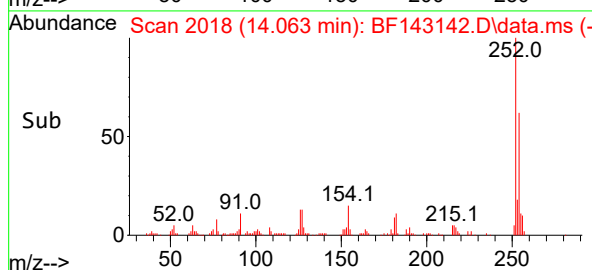
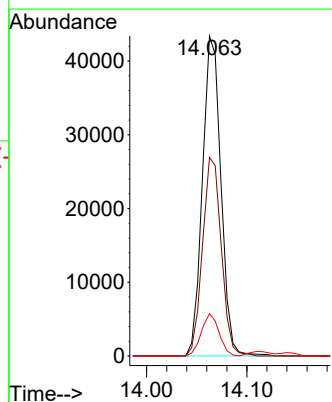
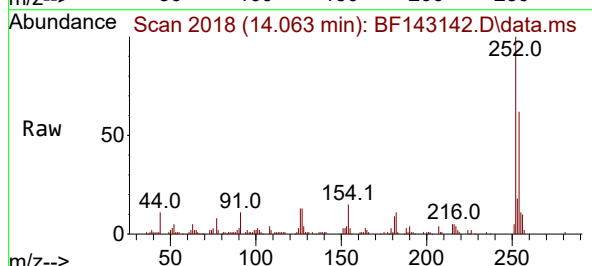
Manual Integrations
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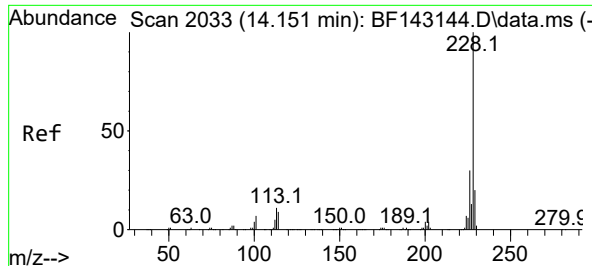
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

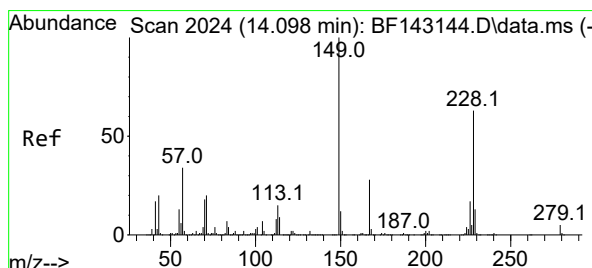
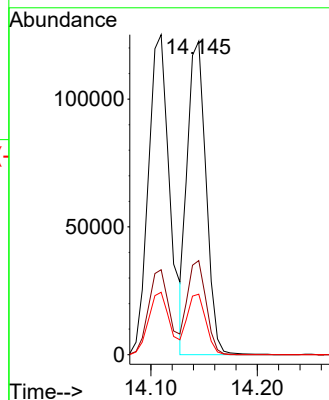
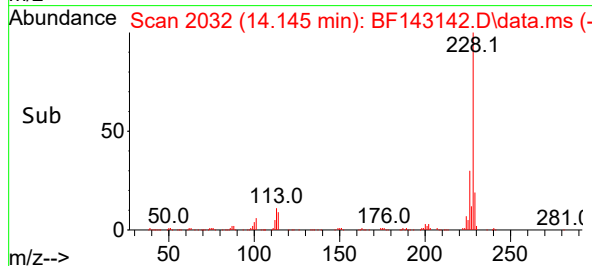
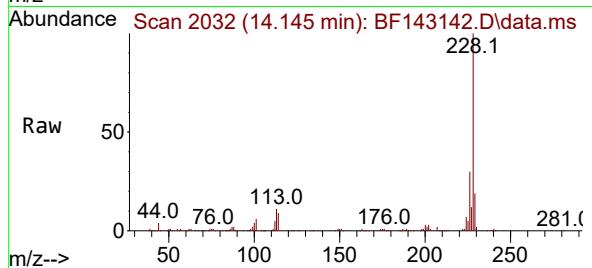
229 19.3 15.6 23.4

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

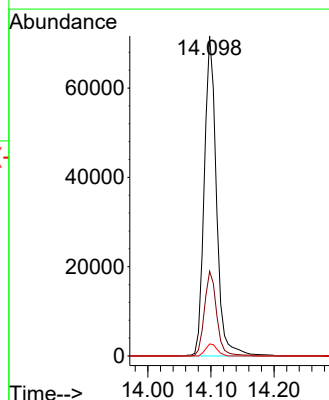
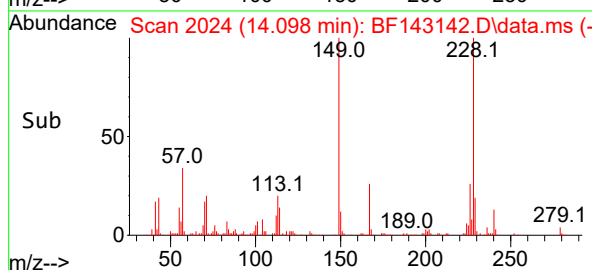
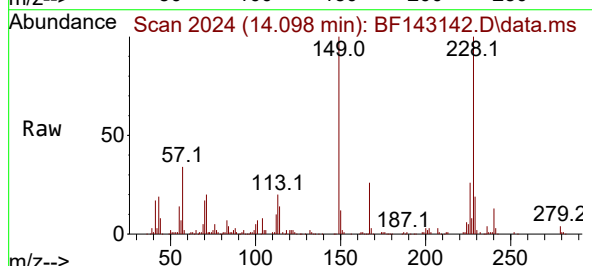
Tgt Ion:149 Resp: 96191

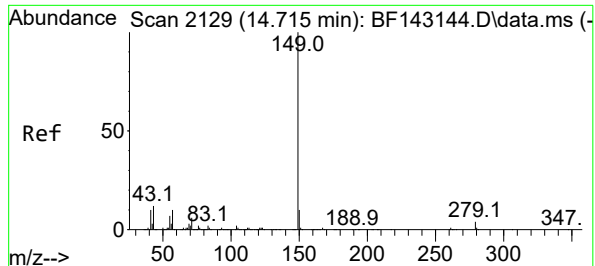
Ion Ratio Lower Upper

149 100

167 26.5 22.3 33.5

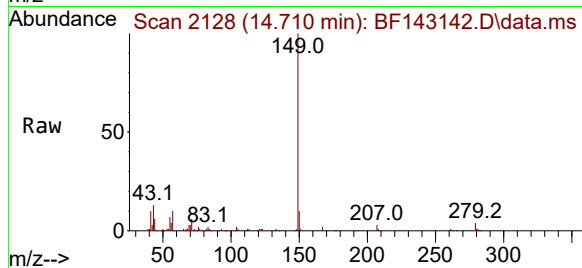
279 3.7 3.6 5.4





#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

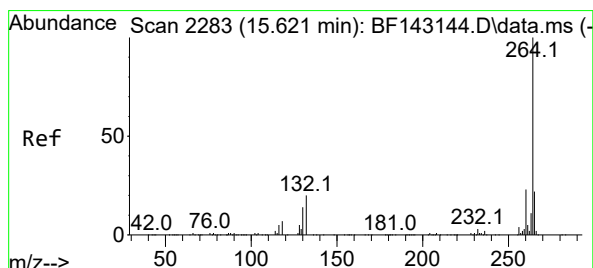
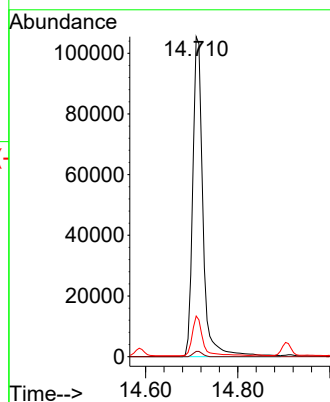
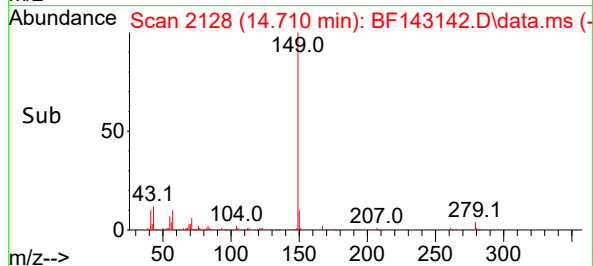
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



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

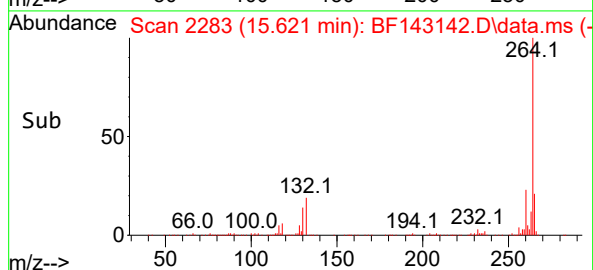
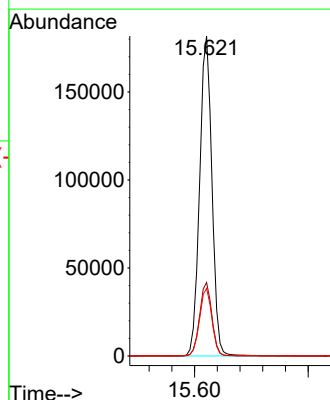
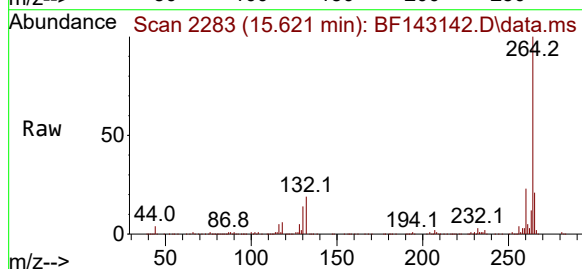
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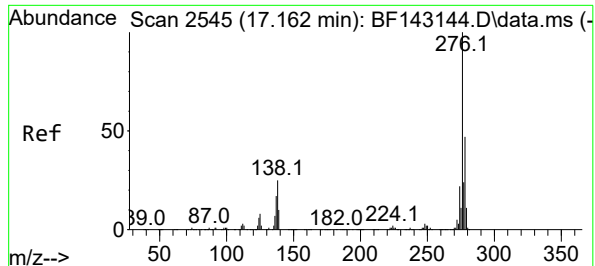
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

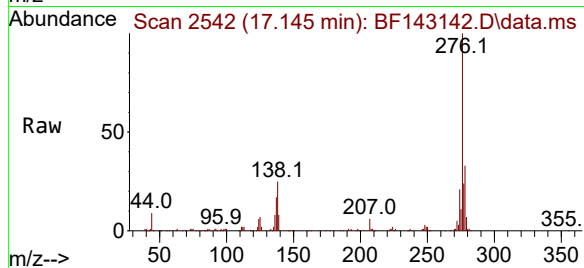
Tgt Ion:264 Resp: 273706
Ion Ratio Lower Upper
264 100
260 22.9 18.5 27.7
265 21.1 17.4 26.2





#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

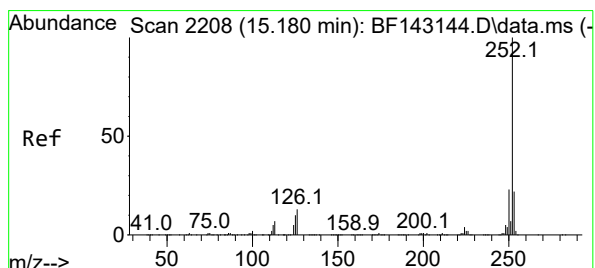
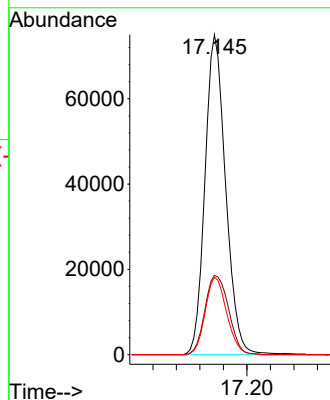
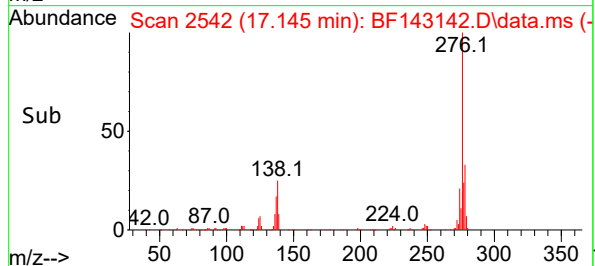
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



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

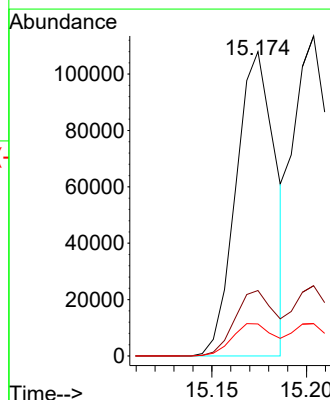
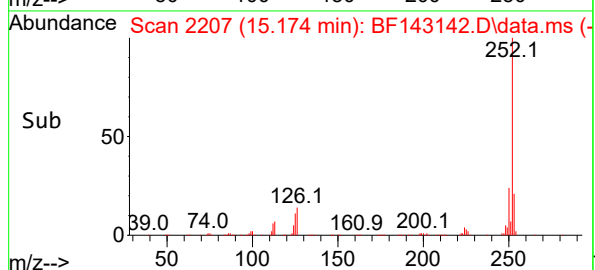
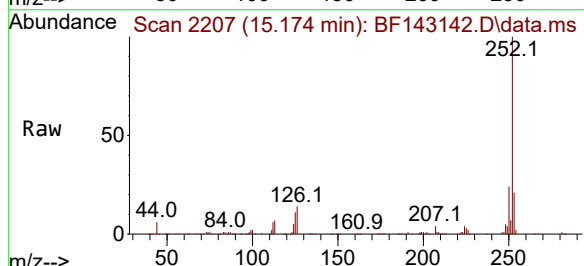
Manual Integrations
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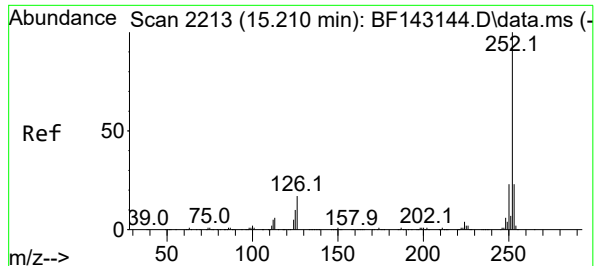
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

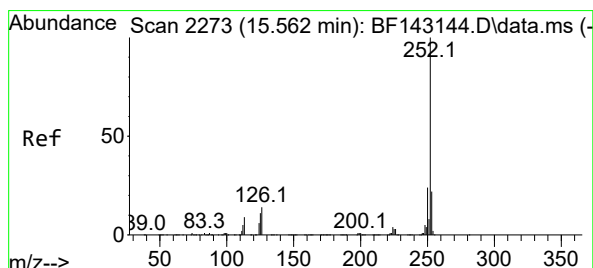
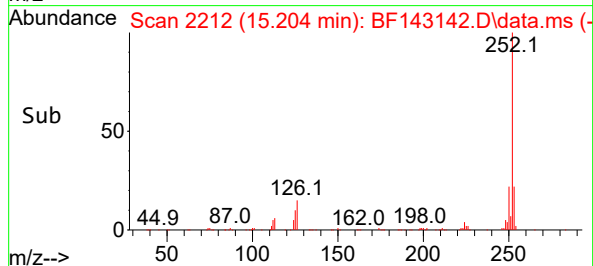
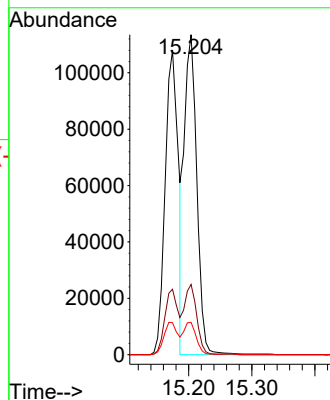
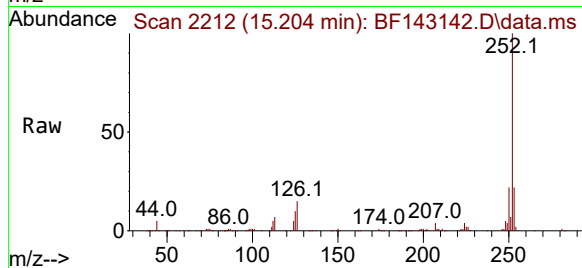
125 10.1 8.1 12.1

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: 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

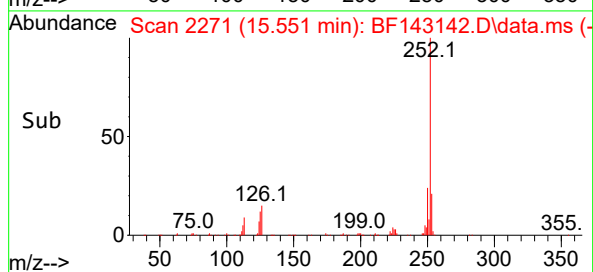
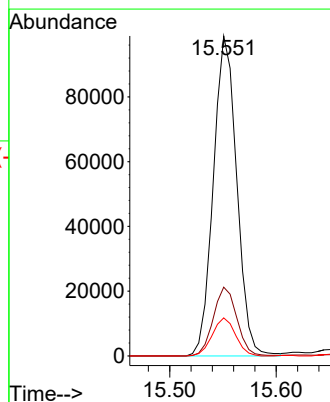
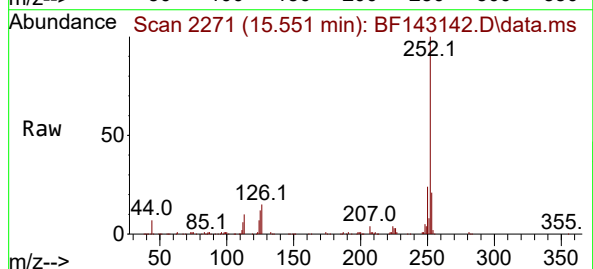
Tgt Ion:252 Resp: 150853

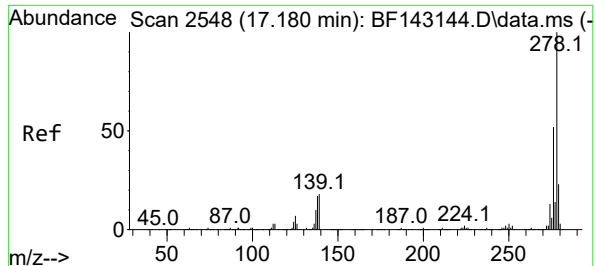
Ion Ratio Lower Upper

252 100

253 21.5 17.3 25.9

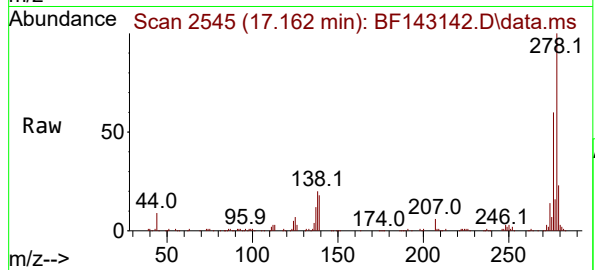
125 11.9 8.6 13.0





#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

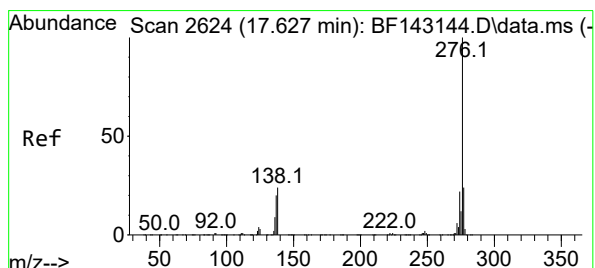
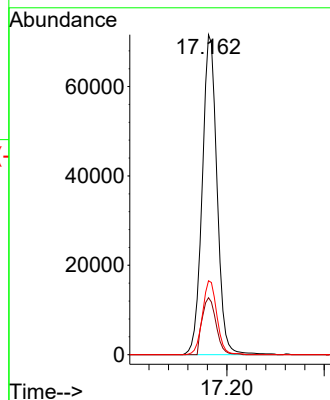
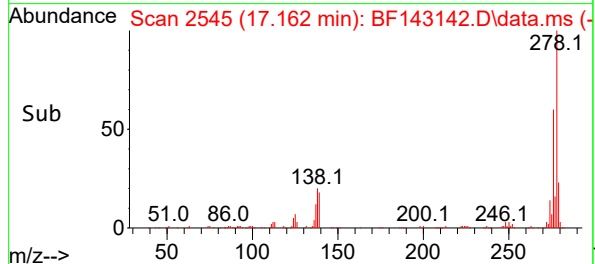
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



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

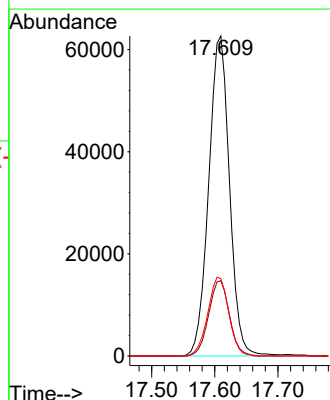
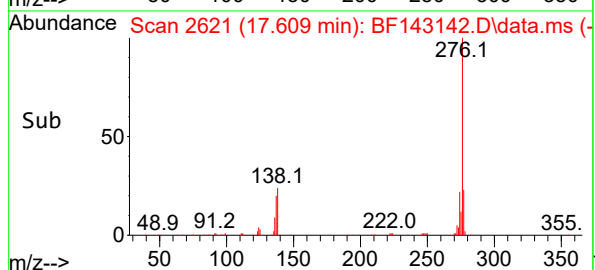
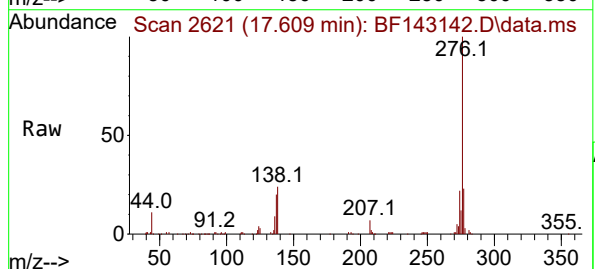
Manual Integrations
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Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#92
Benzo(g,h,i)perylene
Concen: 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

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025

Quant Time: Jul 17 15:02:41 2025

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

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Response via : Initial Calibration

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

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

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

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

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

Quant Time: Jul 17 15:02:41 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

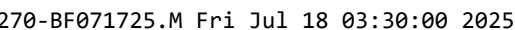
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.263	196	135634	20.584	ng	99
46) 1,1'-Biphenyl	9.416	154	540637	21.019	ng	100
47) 2-Chloronaphthalene	9.445	162	393002	20.650	ng	99
48) 2-Nitroaniline	9.528	65	122517	20.528	ng	99
49) Acenaphthylene	9.857	152	663048	20.789	ng	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

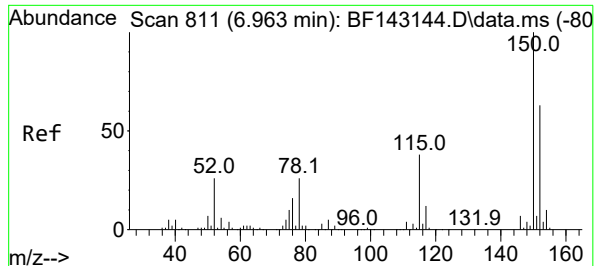
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Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

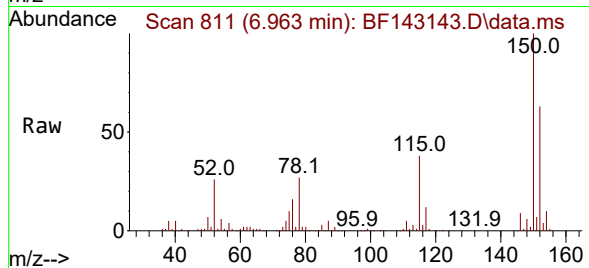
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jaagrut Upadhyay 07/18/2025





#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

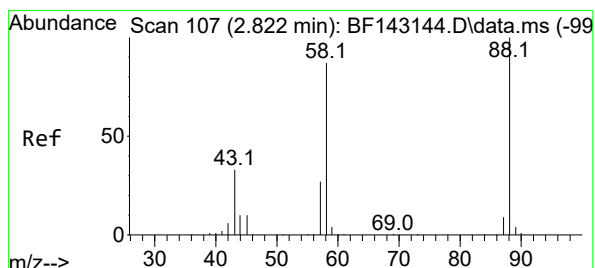
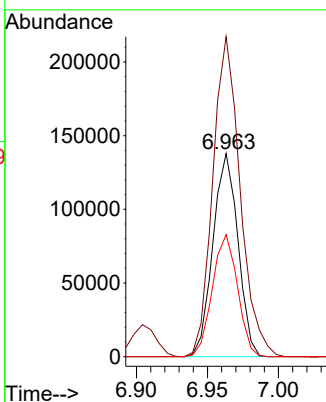
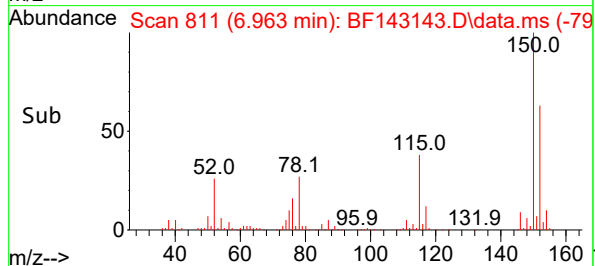
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



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

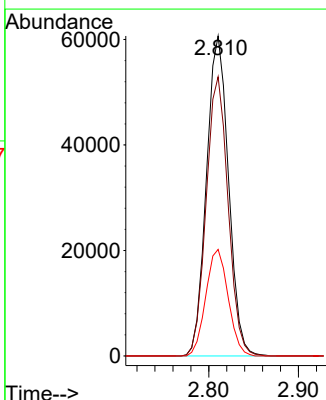
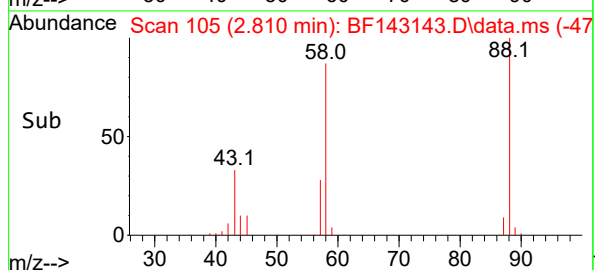
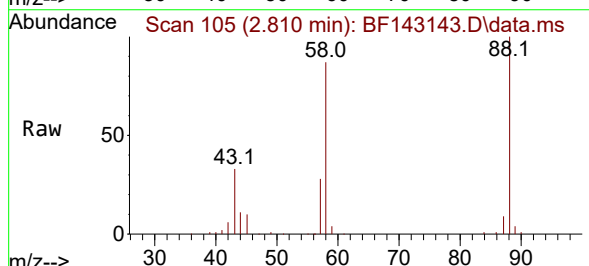
Manual Integrations
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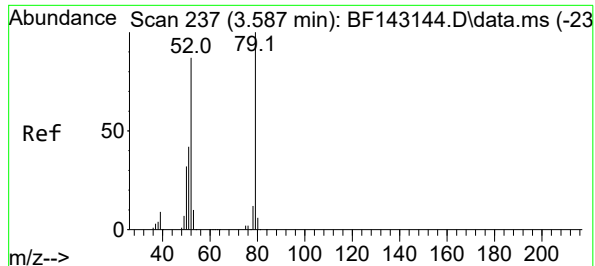
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

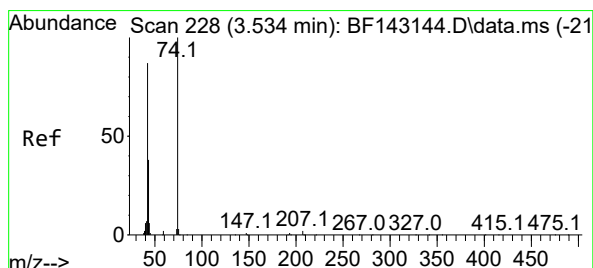
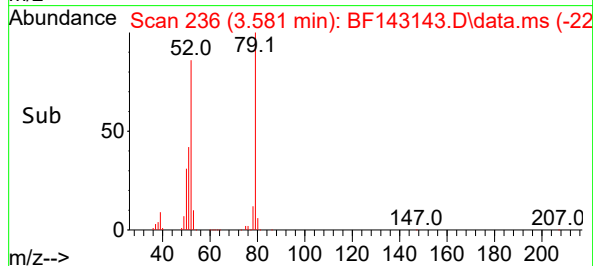
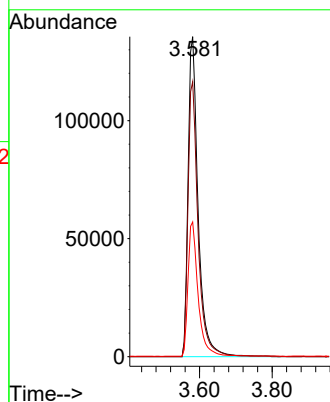
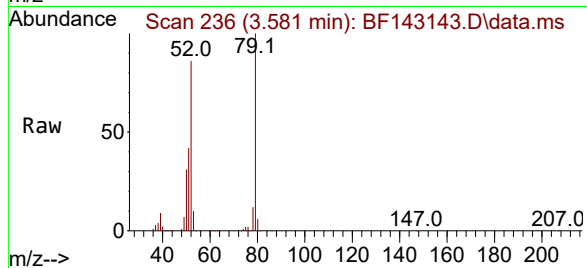
51 42.1 33.5 50.3

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

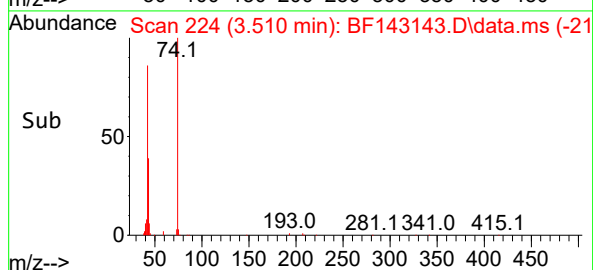
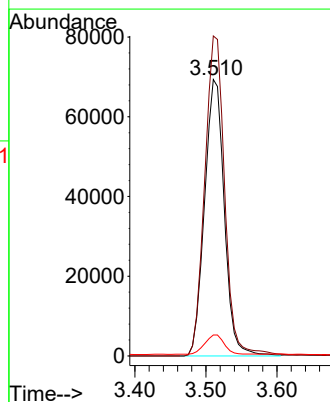
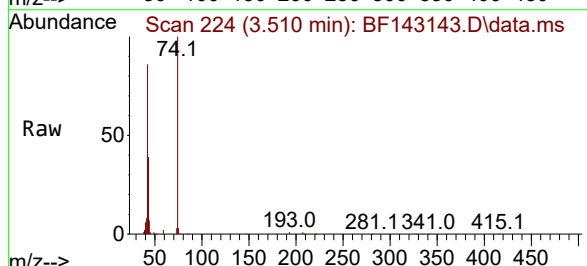
Tgt Ion: 42 Resp: 134638

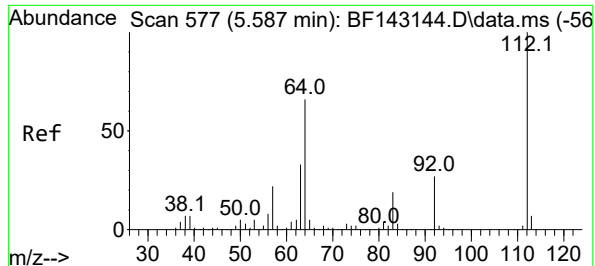
Ion Ratio Lower Upper

42 100

74 115.7 91.7 137.5

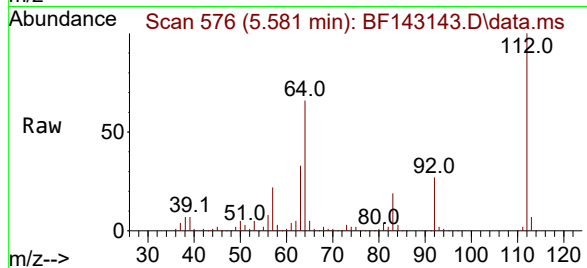
44 7.6 5.6 8.4





#5
2-Fluorophenol
Concen: 41.752 ng
RT: 5.581 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

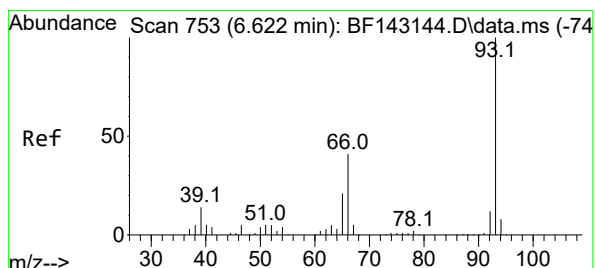
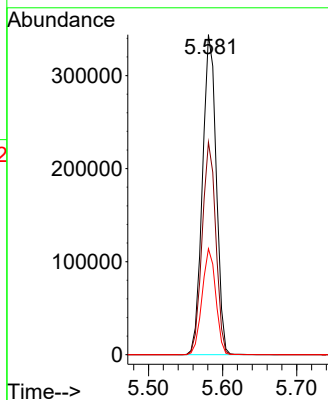
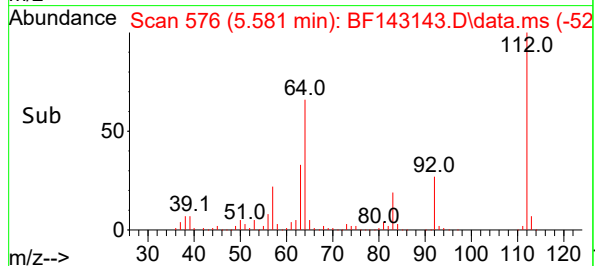
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



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

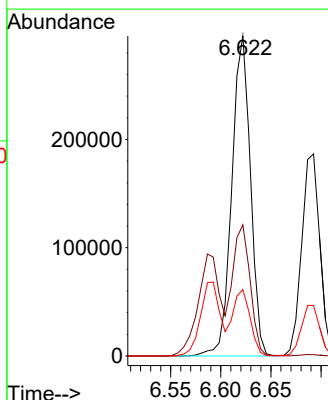
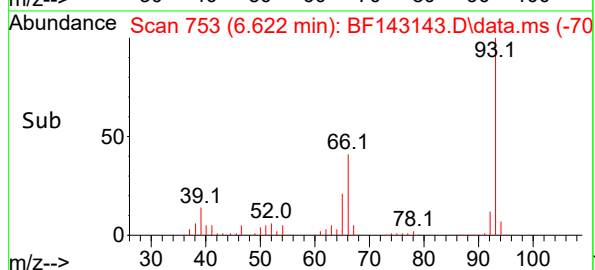
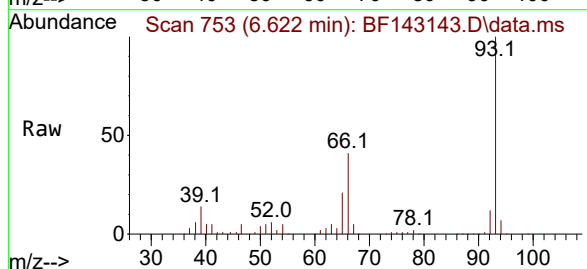
Manual Integrations
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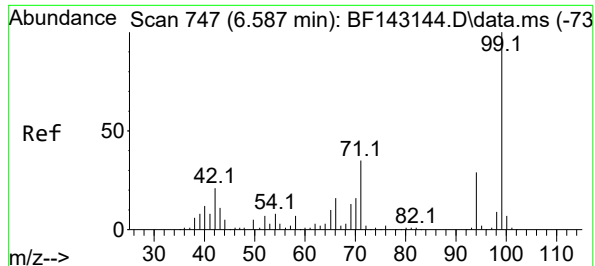
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



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

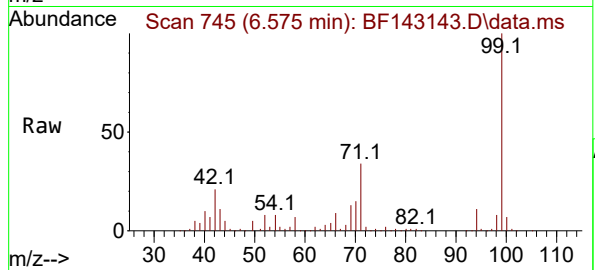
Tgt Ion: 93 Resp: 382991
Ion Ratio Lower Upper
93 100
66 41.0 33.2 49.8
65 20.7 16.9 25.3





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

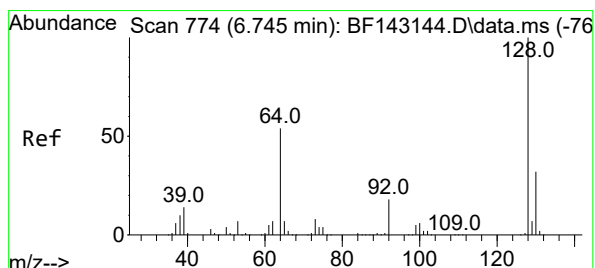
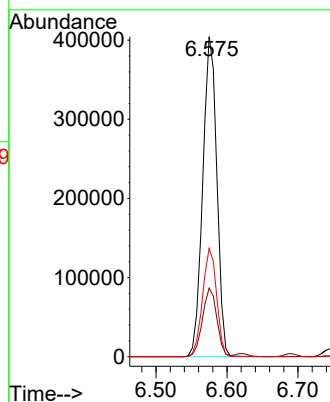
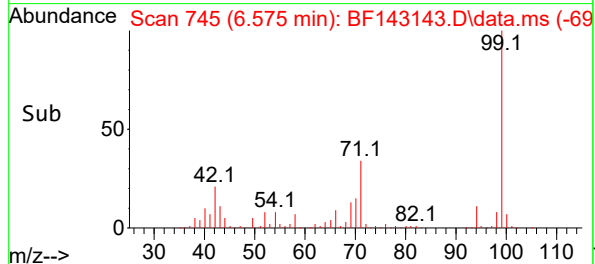
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



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

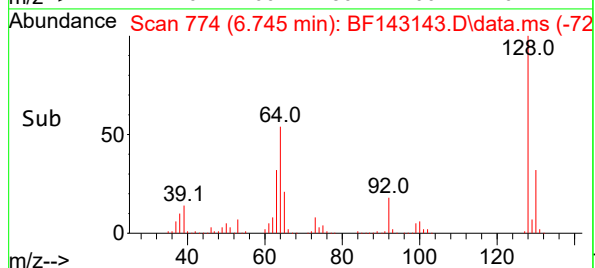
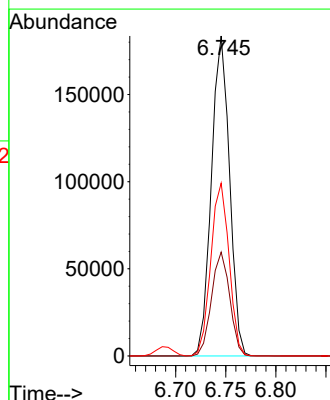
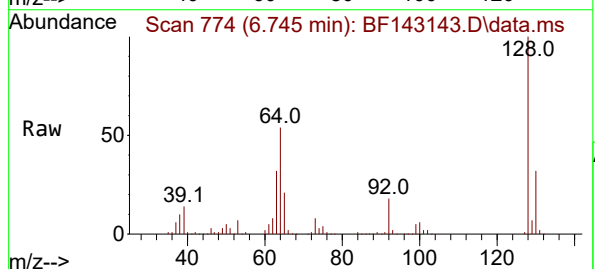
Manual Integrations
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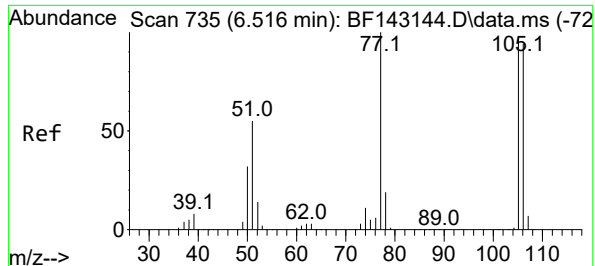
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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





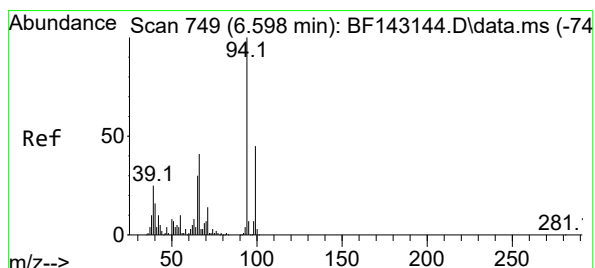
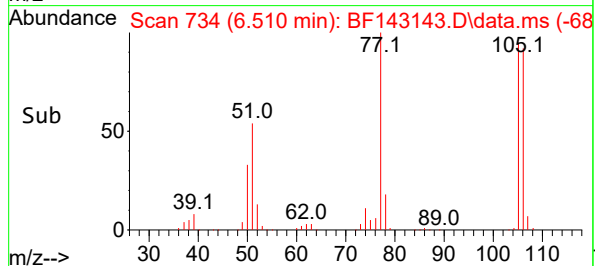
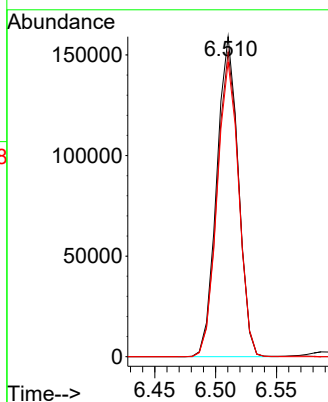
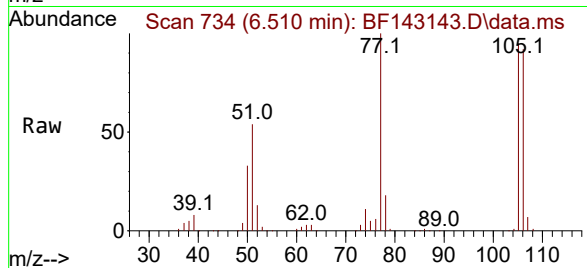
#9
Benzaldehyde
Concen: 19.504 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

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

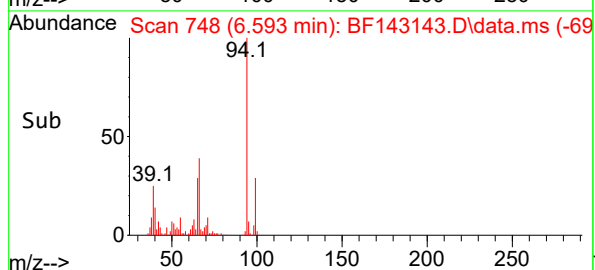
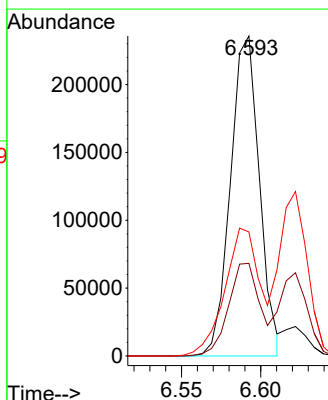
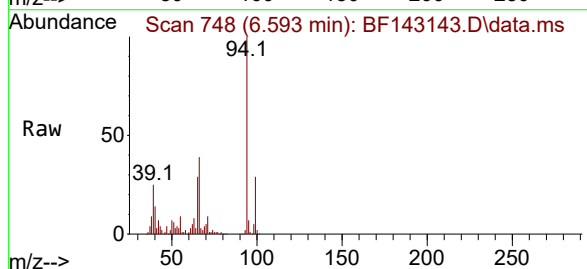
Manual Integrations
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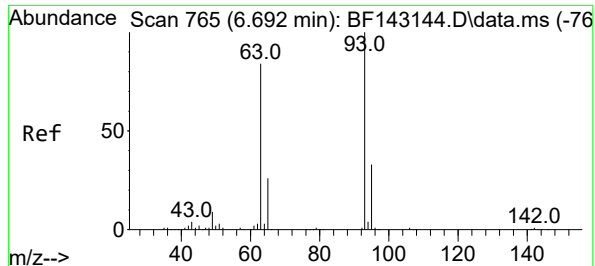
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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





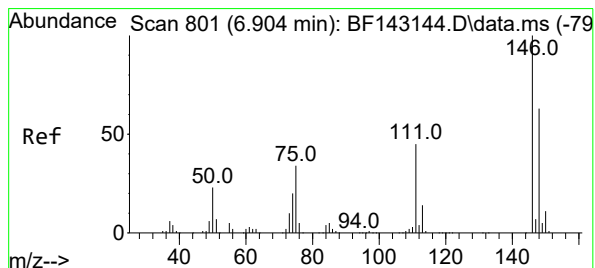
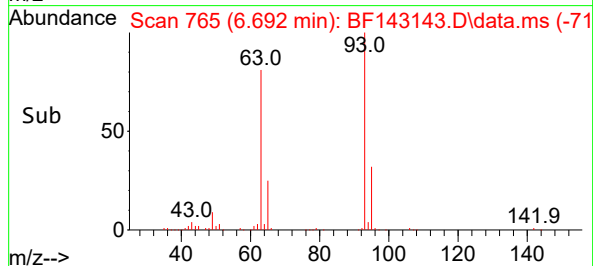
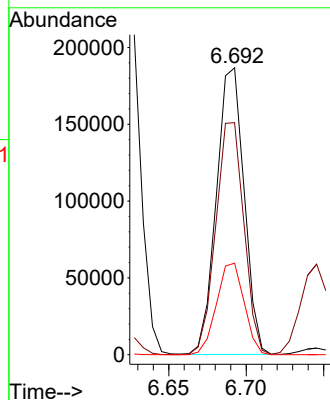
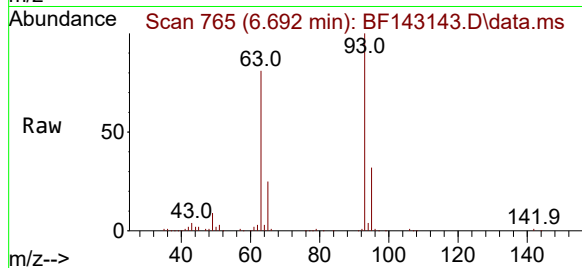
#11
bis(2-Chloroethyl)ether
Concen: 20.792 ng
RT: 6.692 min Scan# 765
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

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

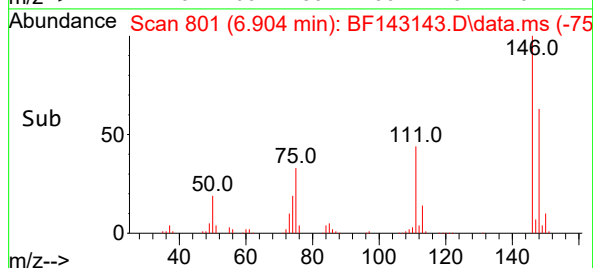
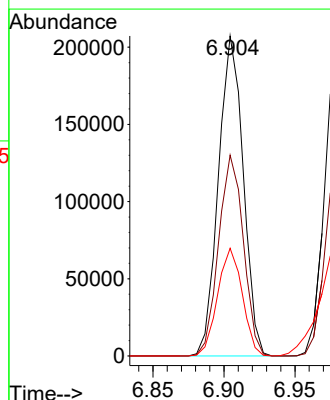
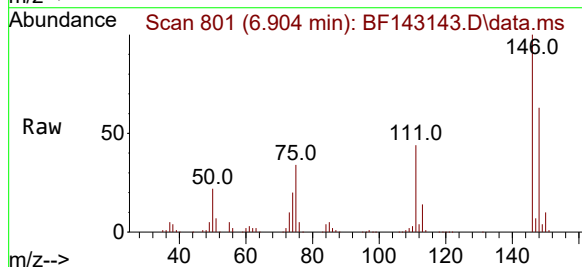
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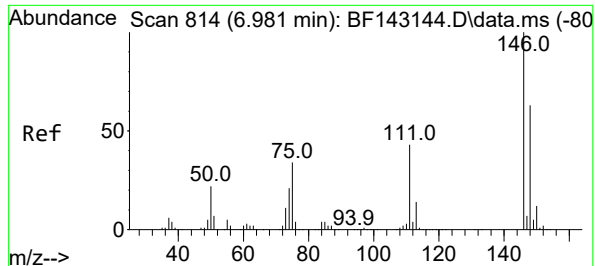
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

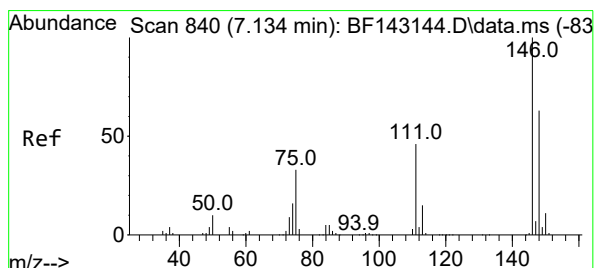
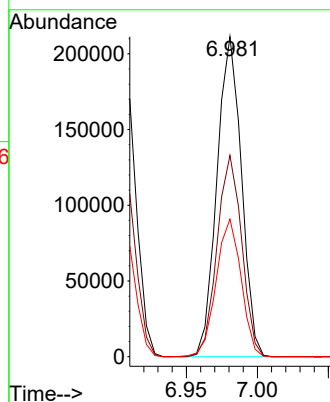
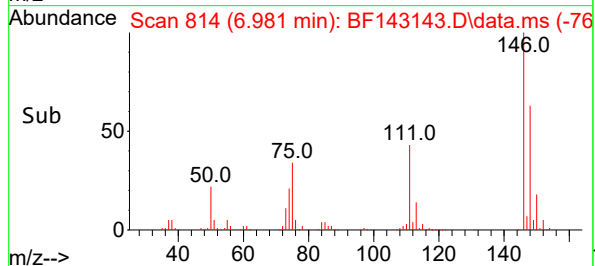
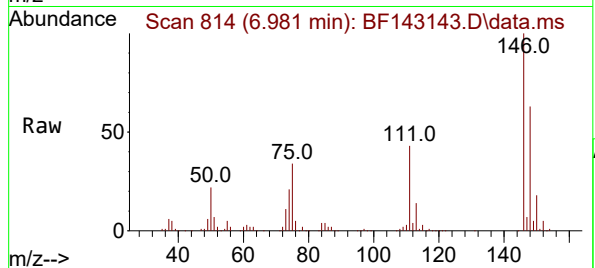
111 43.0 34.4 51.6

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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

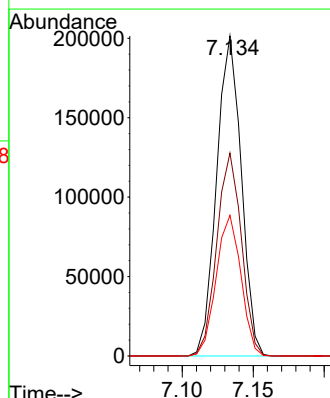
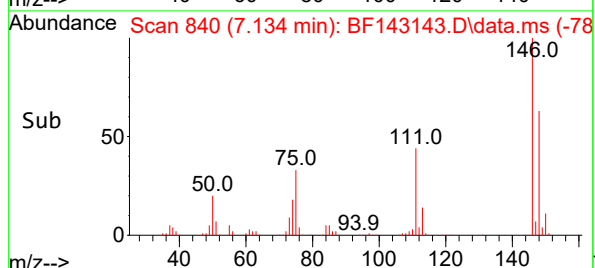
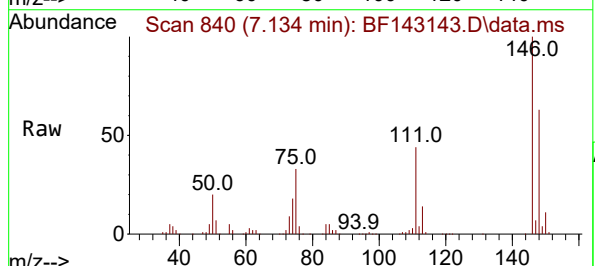
Tgt Ion:146 Resp: 243437

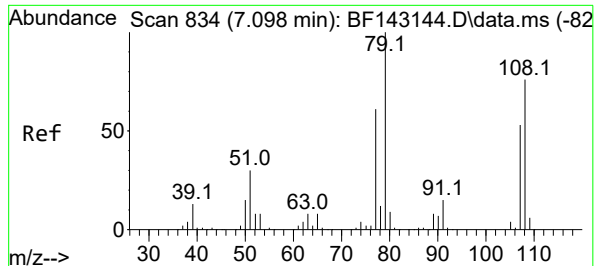
Ion Ratio Lower Upper

146 100

148 63.4 50.7 76.1

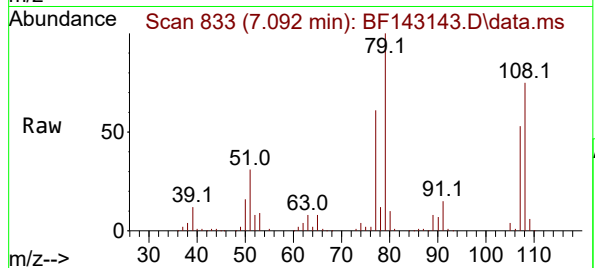
111 44.0 36.6 54.8





#15
Benzyl Alcohol
Concen: 20.524 ng
RT: 7.092 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

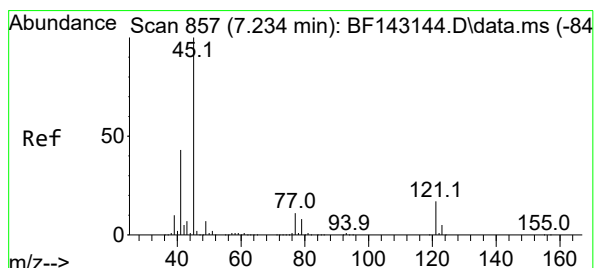
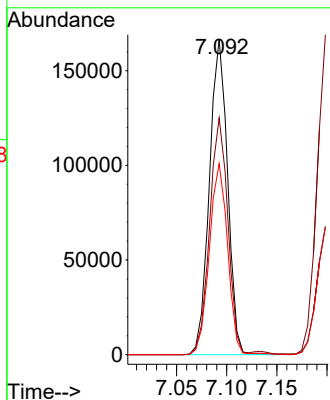
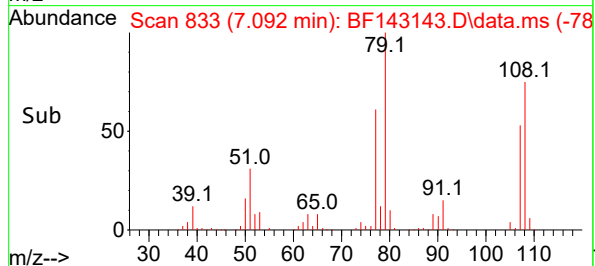
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



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

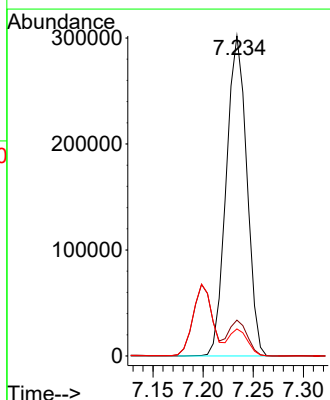
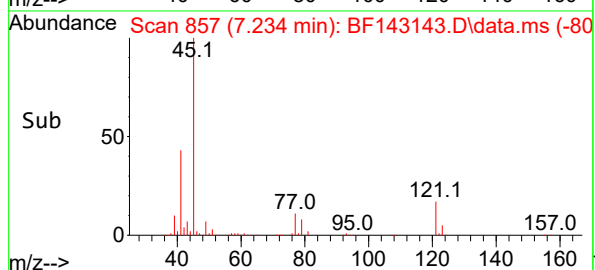
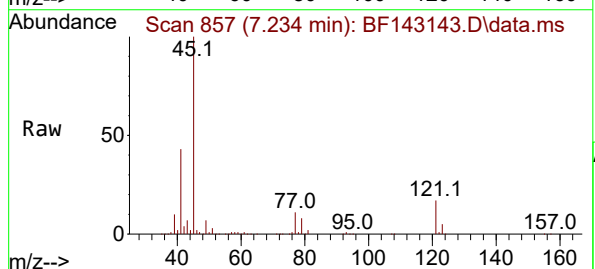
Manual Integrations
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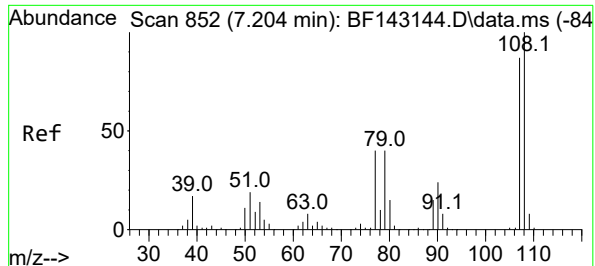
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 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

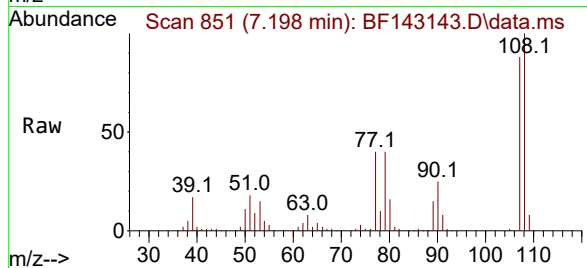
Tgt Ion: 45 Resp: 428827
Ion Ratio Lower Upper
45 100
77 11.2 0.0 31.2
79 8.4 0.0 28.5





#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

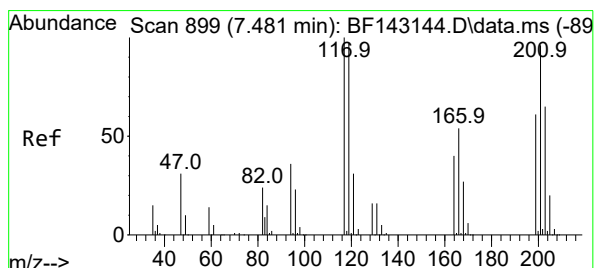
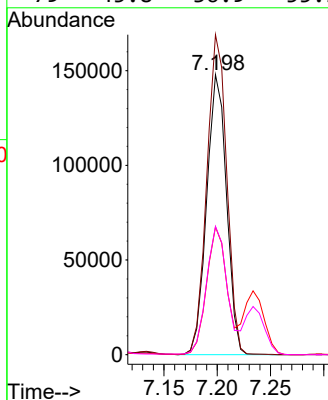
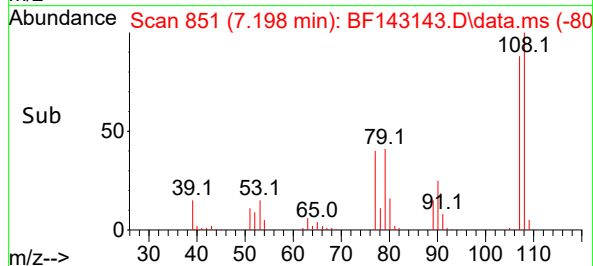
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



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

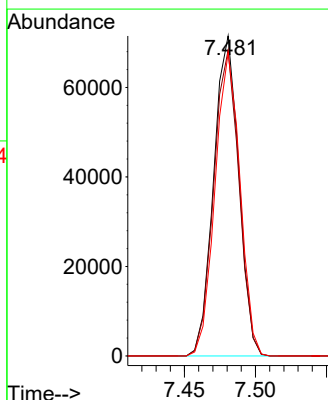
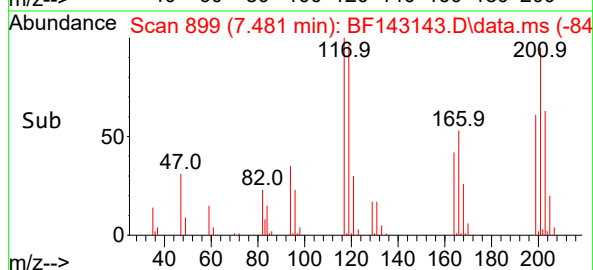
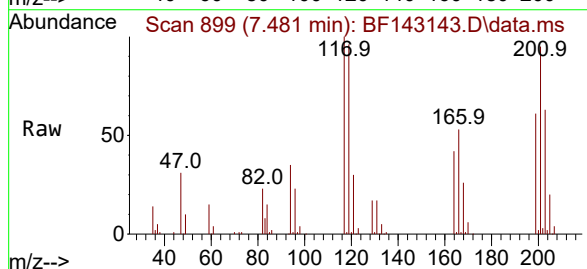
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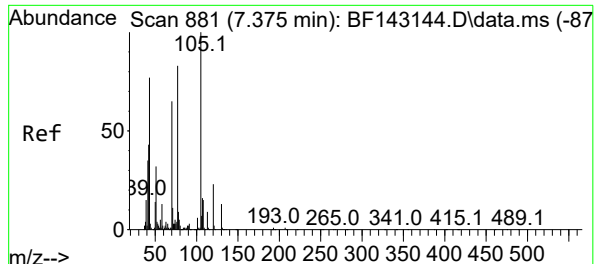
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

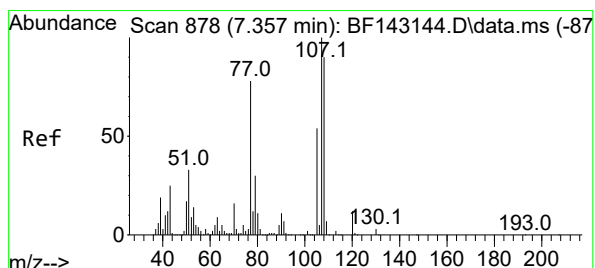
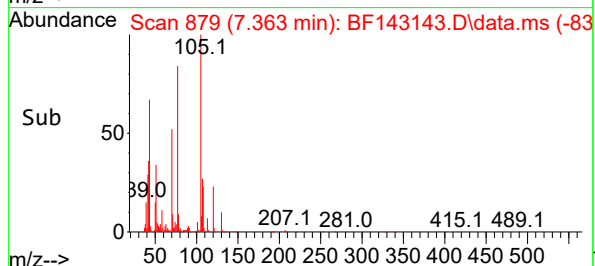
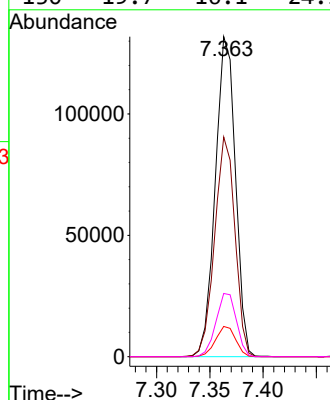
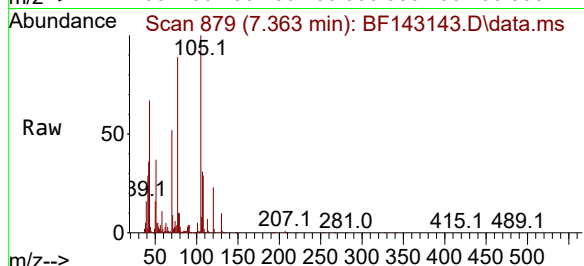
130 19.7 16.1 24.1

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Supervised By :Jagrut Upadhyay 07/18/2025



#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

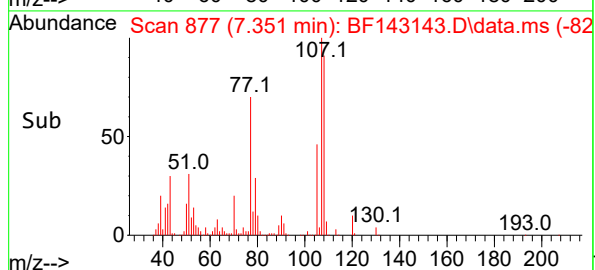
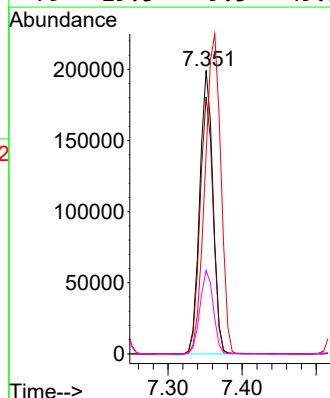
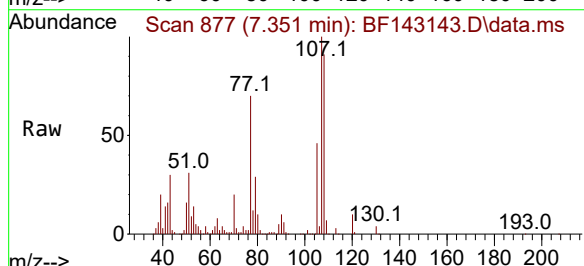
Ion Ratio Lower Upper

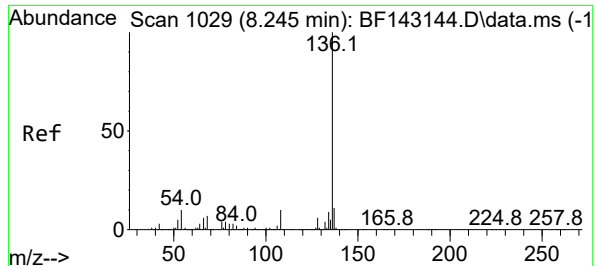
107 100

108 90.7 70.0 110.0

77 70.4 57.8 97.8

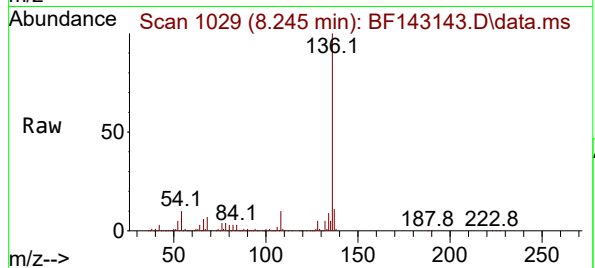
79 29.5 9.5 49.5





#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

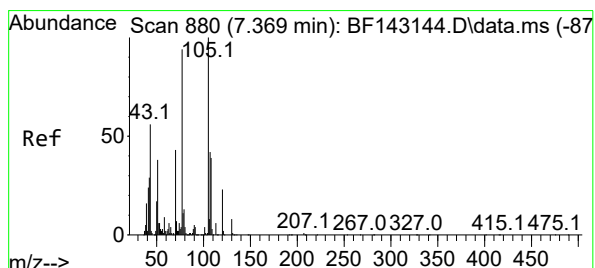
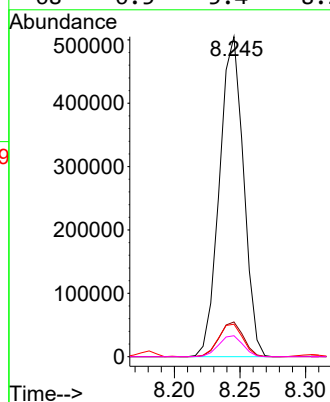
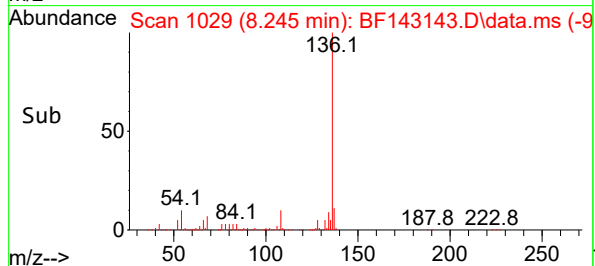
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



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

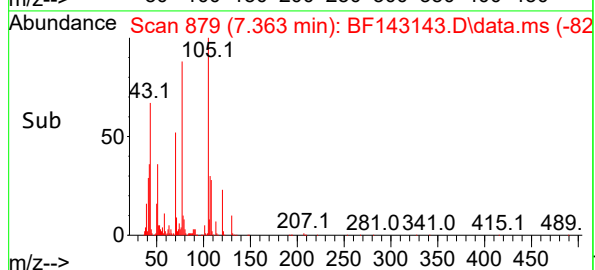
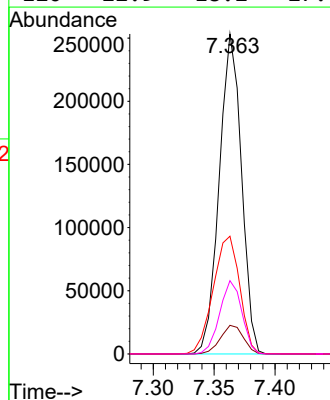
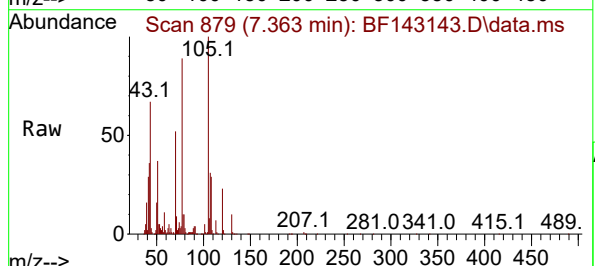
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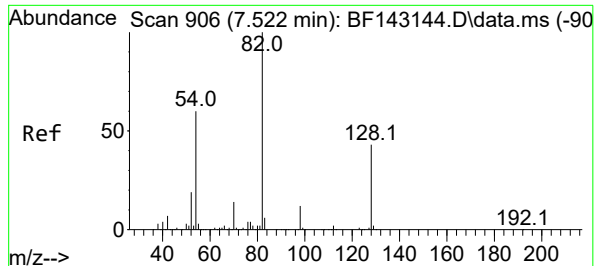
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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





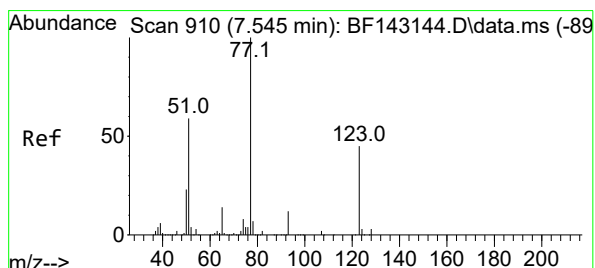
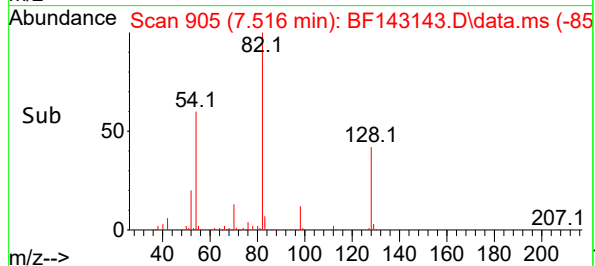
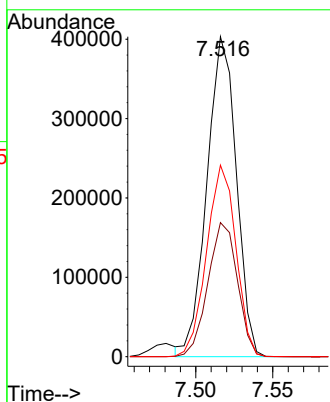
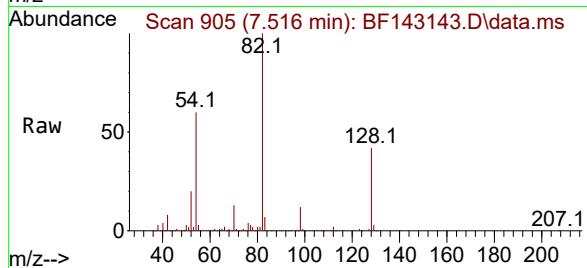
#23
Nitrobenzene-d5
Concen: 41.547 ng m
RT: 7.516 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

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

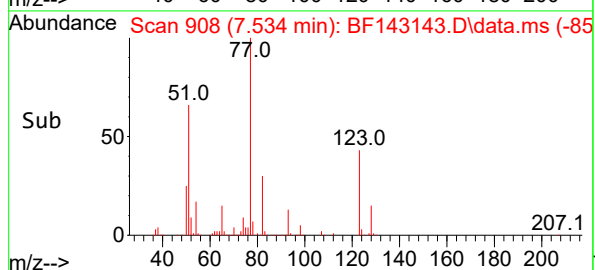
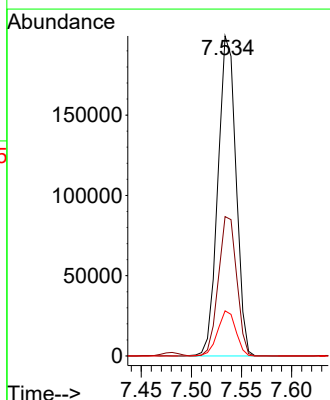
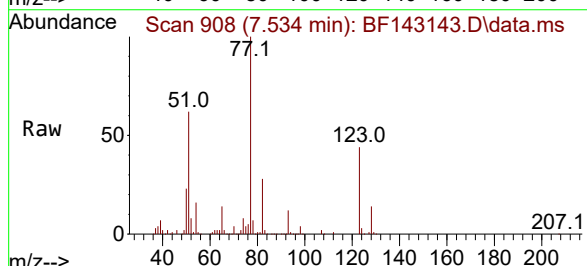
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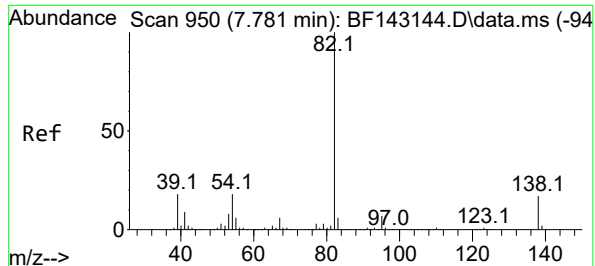
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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





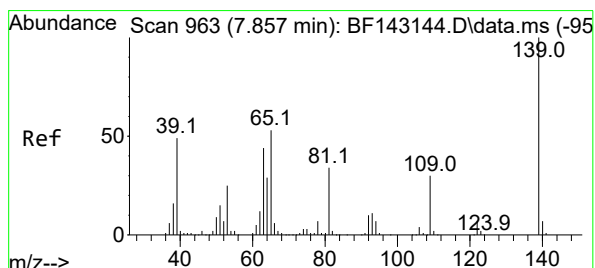
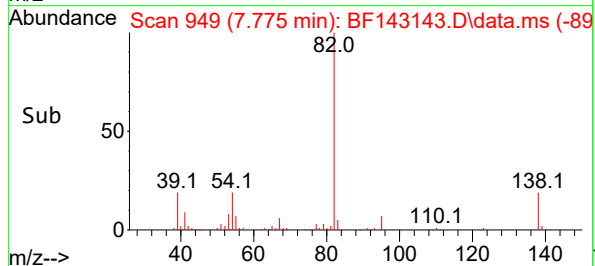
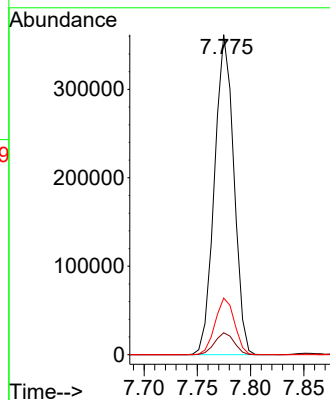
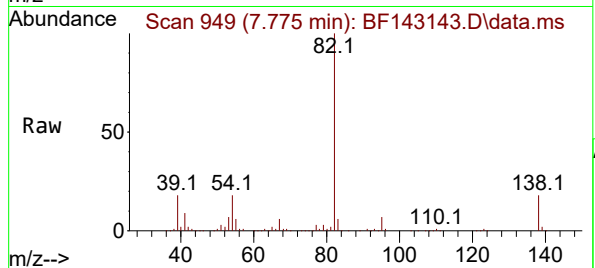
#25
Isophorone
Concen: 20.088 ng
RT: 7.775 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

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

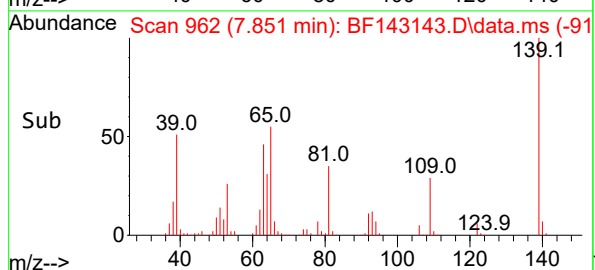
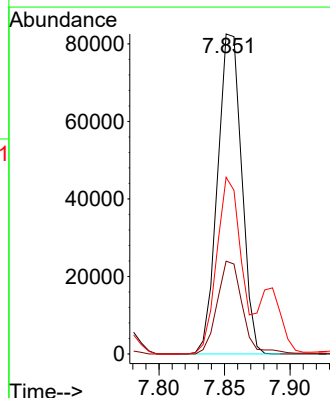
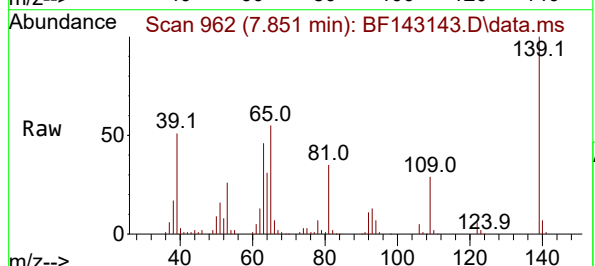
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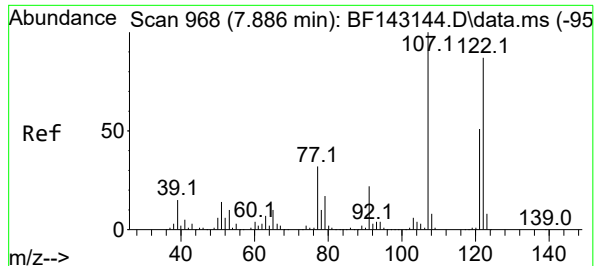
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

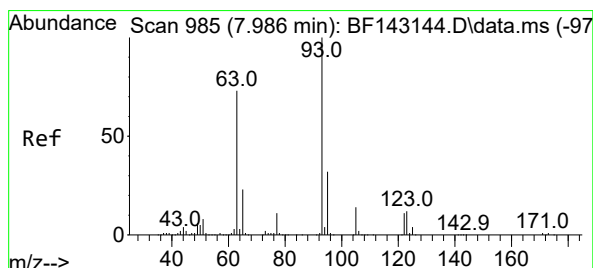
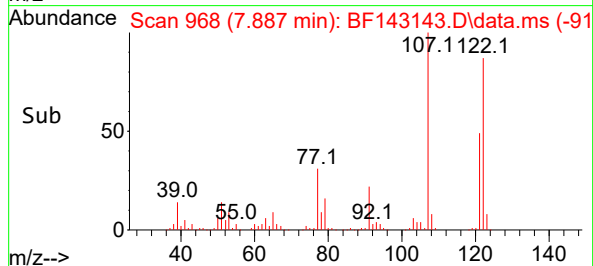
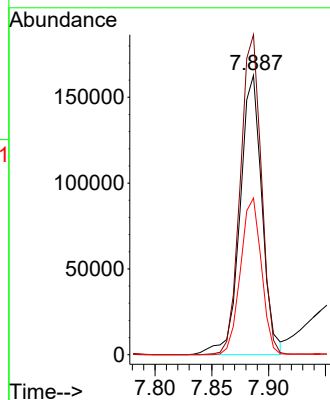
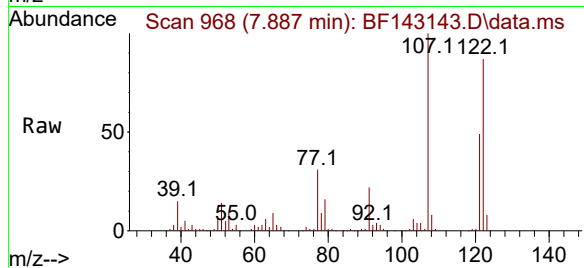
121 56.1 46.3 69.5

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: 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

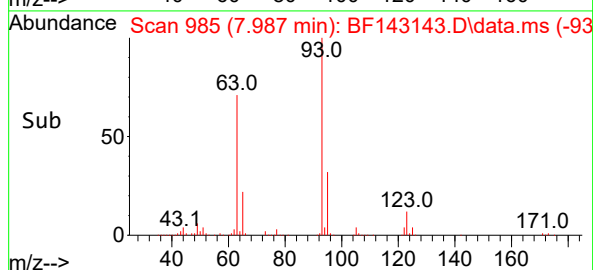
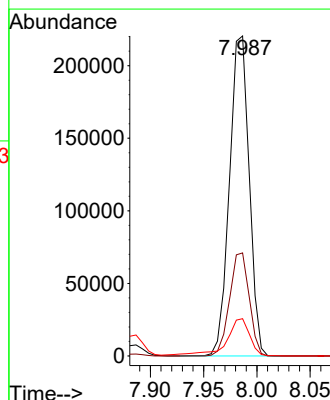
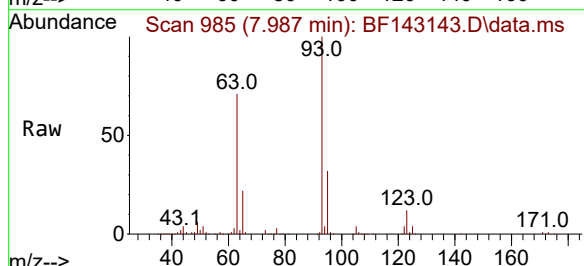
Tgt Ion: 93 Resp: 283946

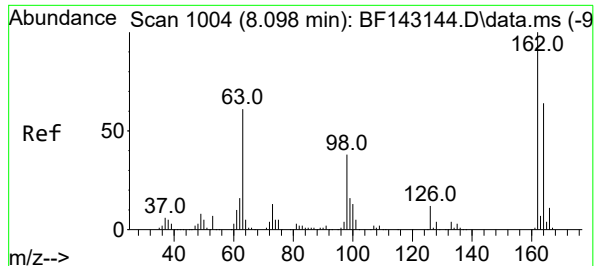
Ion Ratio Lower Upper

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

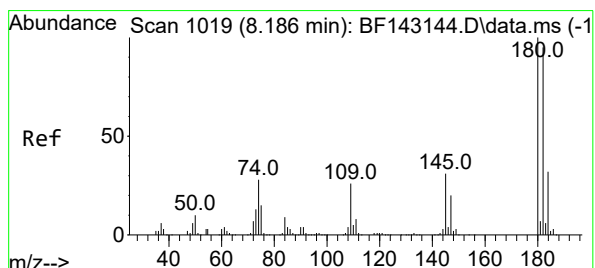
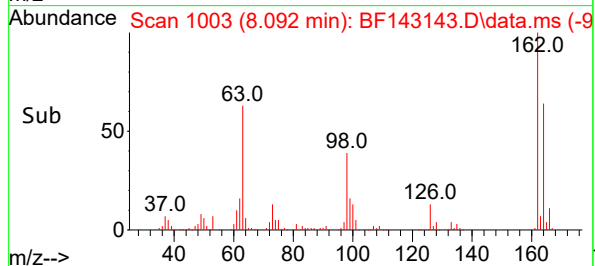
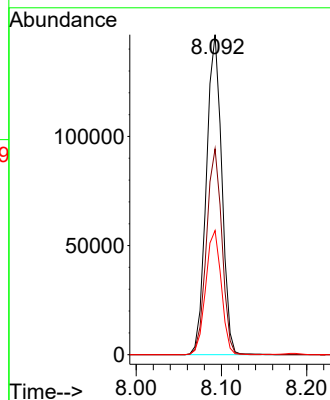
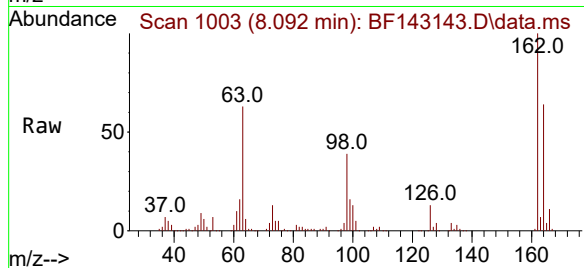
98 38.8 17.9 57.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#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

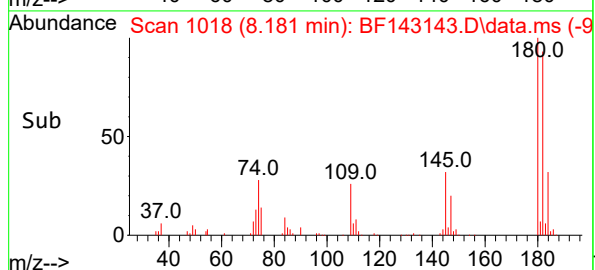
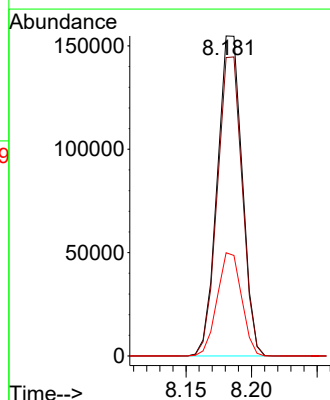
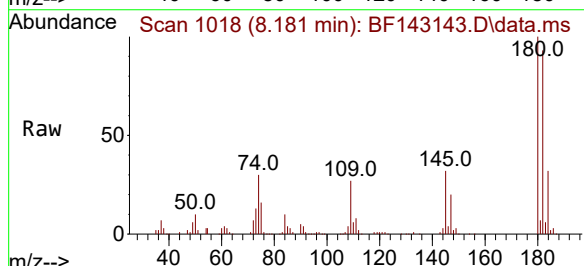
Tgt Ion:180 Resp: 204103

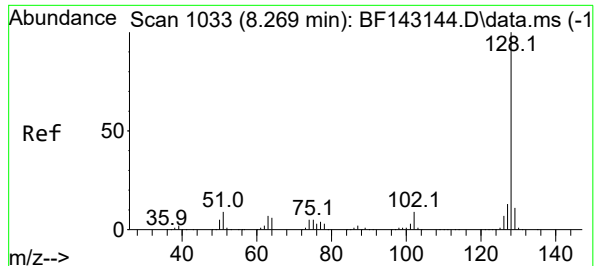
Ion Ratio Lower Upper

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# 1032

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

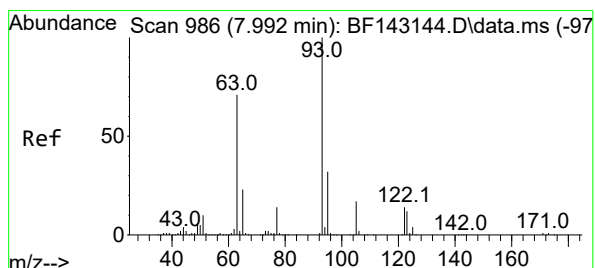
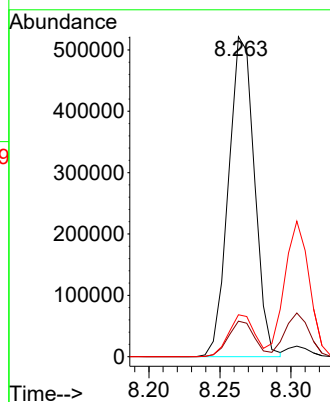
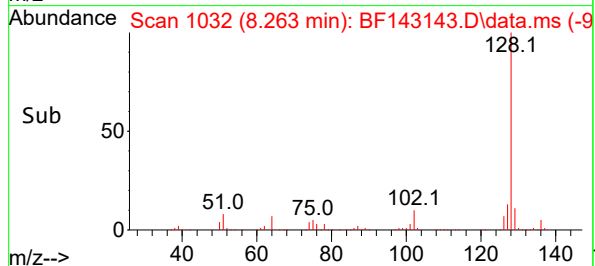
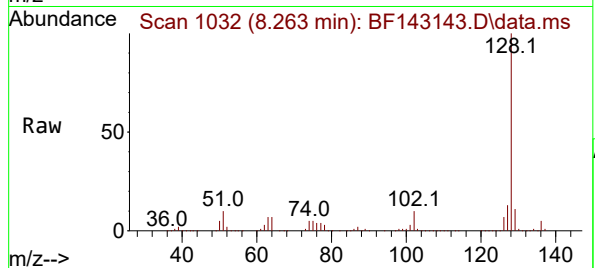
127 13.1 10.6 16.0

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#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

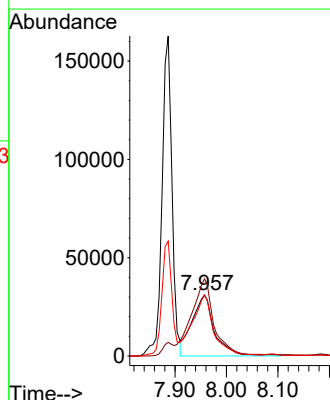
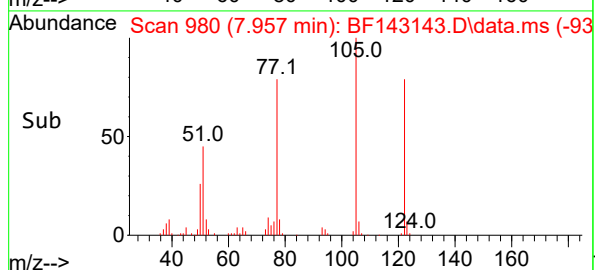
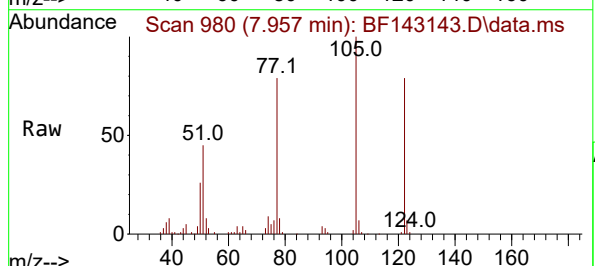
Tgt Ion:122 Resp: 95515

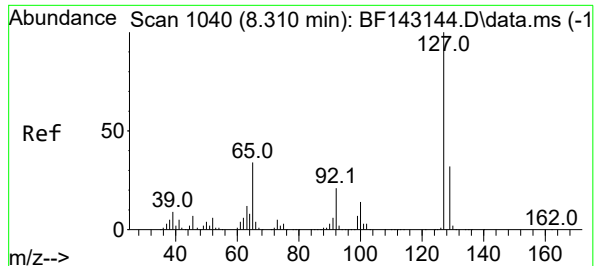
Ion Ratio Lower Upper

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

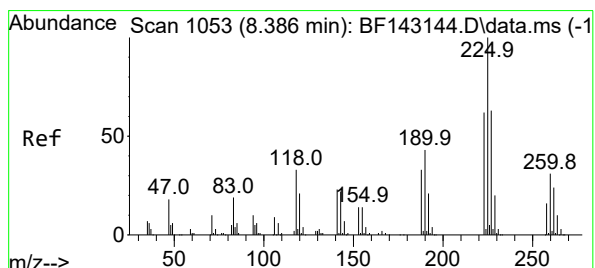
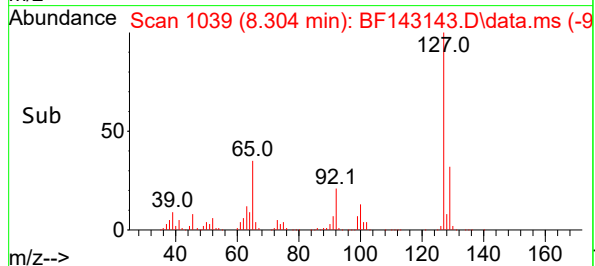
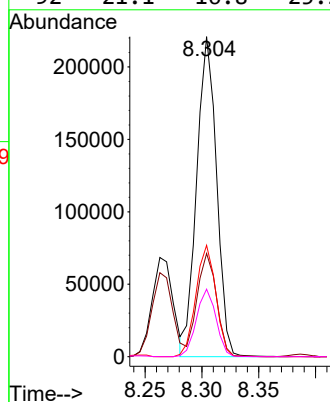
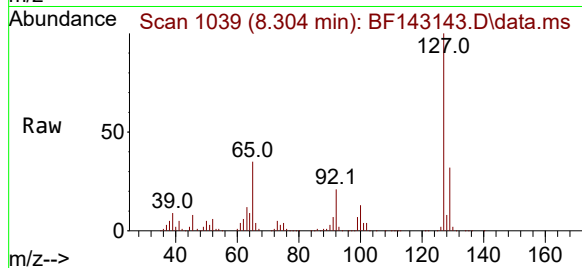
92 21.1 16.8 25.2

Manual Integrations

APPROVED

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

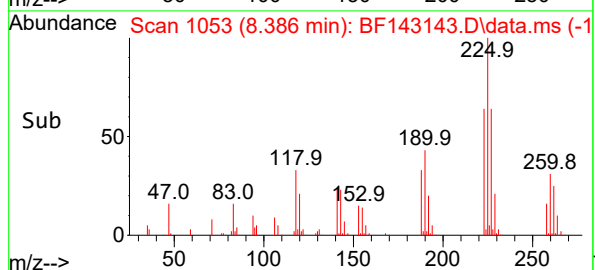
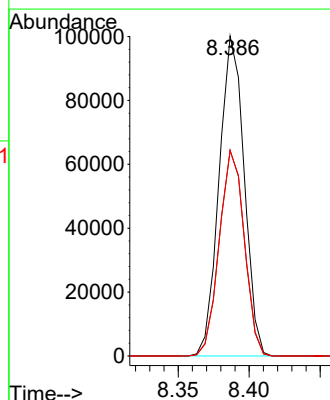
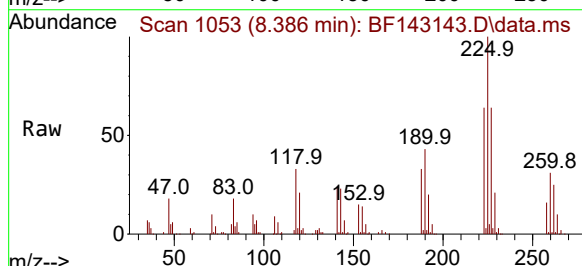
Tgt Ion:225 Resp: 122624

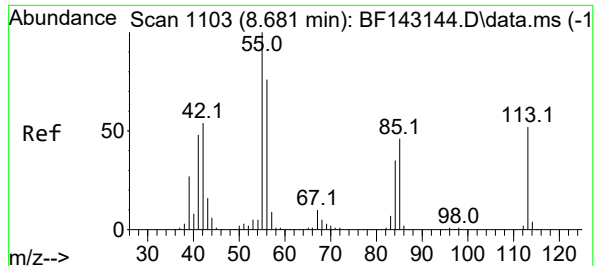
Ion Ratio Lower Upper

225 100

223 64.3 49.8 74.6

227 64.1 50.2 75.4





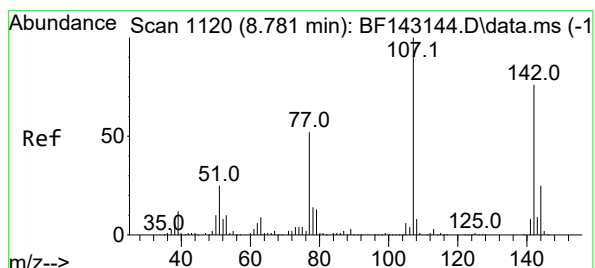
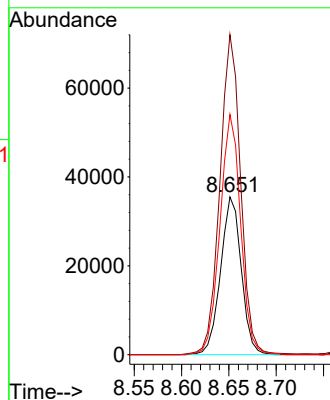
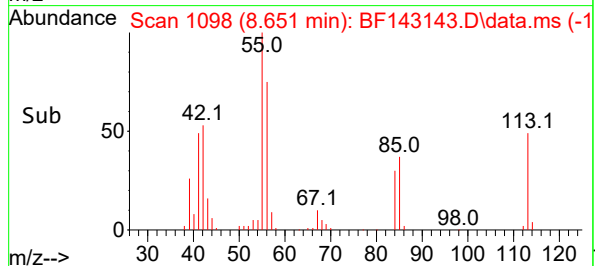
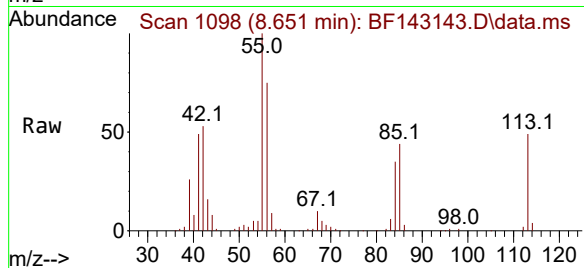
#35
Caprolactam
Concen: 19.911 ng
RT: 8.651 min Scan# 1109
Delta R.T. -0.029 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

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

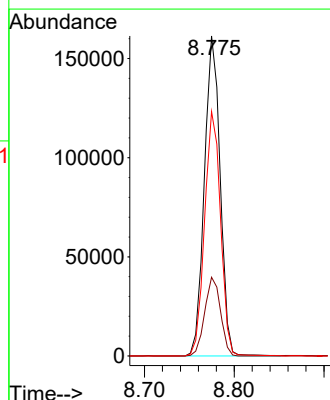
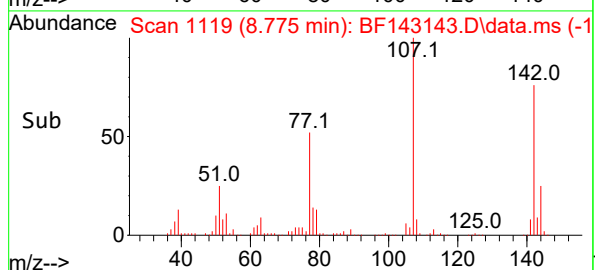
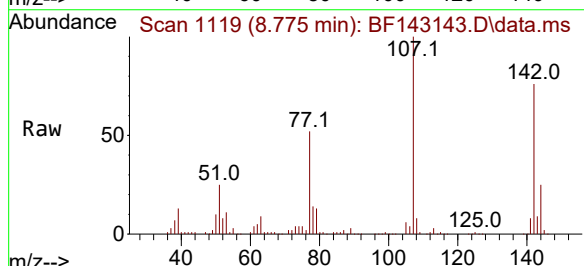
Manual Integrations
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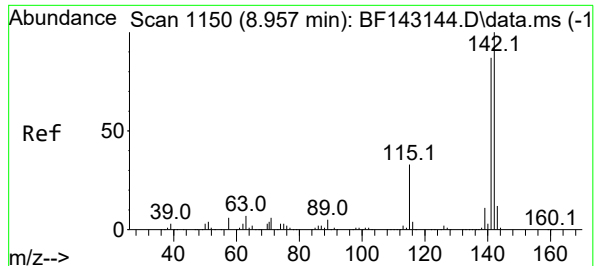
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

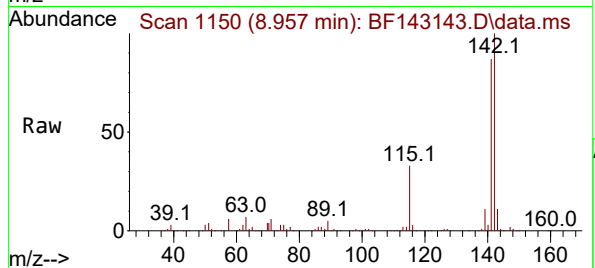
Tgt Ion:107 Resp: 197317
Ion Ratio Lower Upper
107 100
144 24.6 19.8 29.6
142 76.4 60.6 90.8





#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

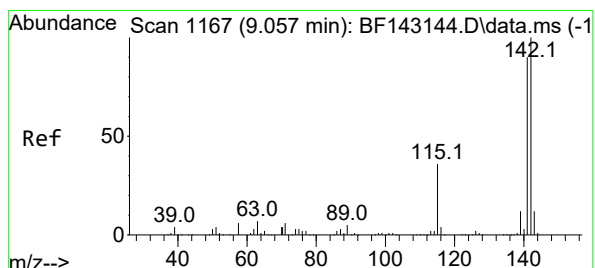
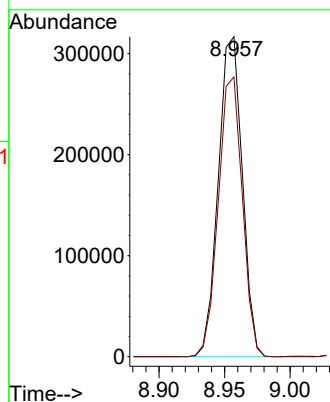
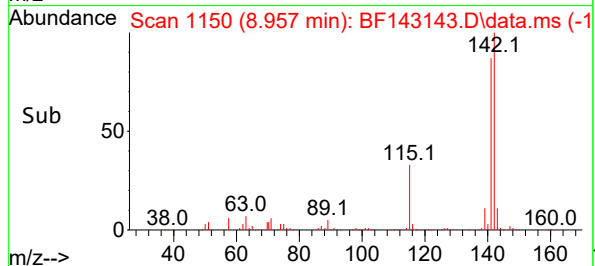
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



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

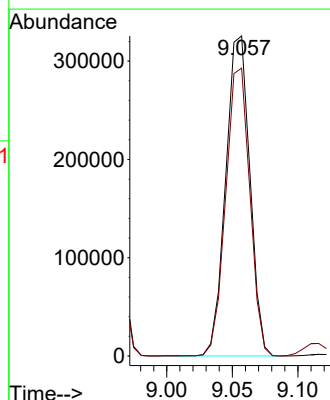
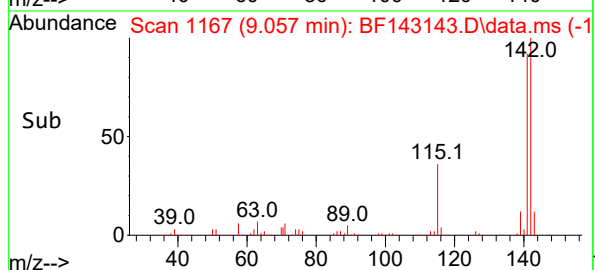
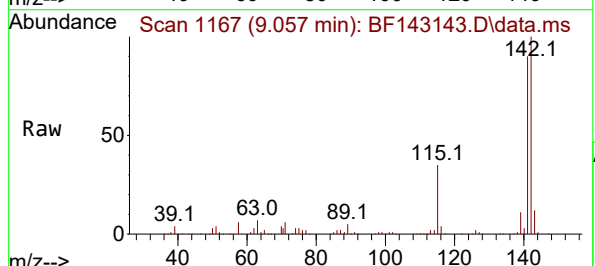
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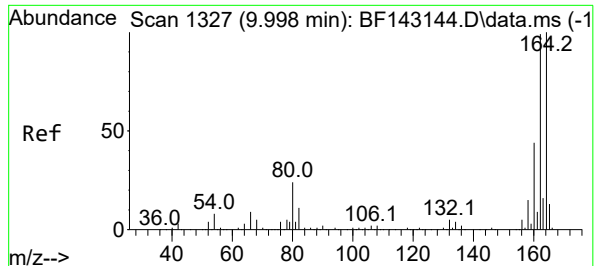
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

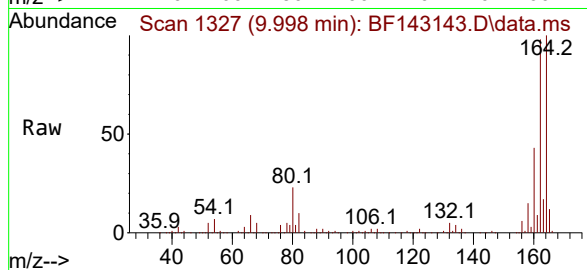
Acq: 17 Jul 2025 12:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion:164 Resp: 329670

Ion Ratio Lower Upper

164 100

162 97.5 79.0 118.6

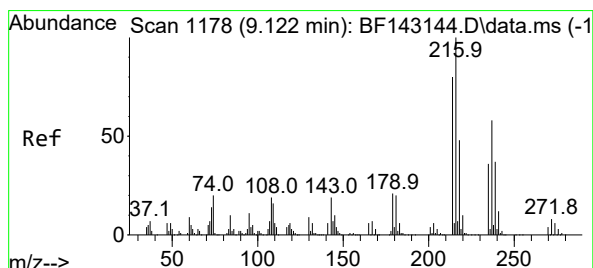
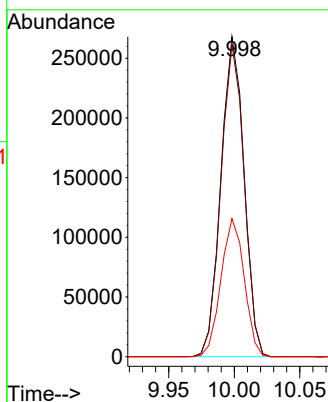
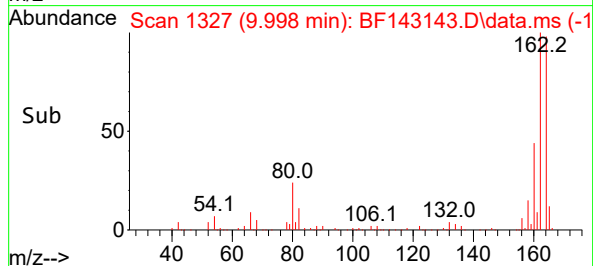
160 43.2 35.1 52.7

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

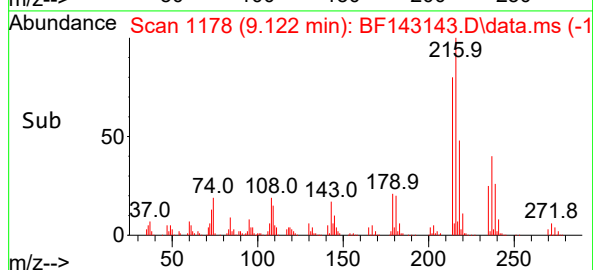
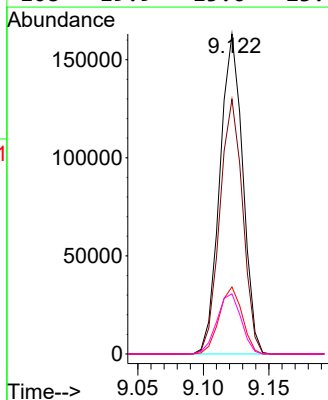
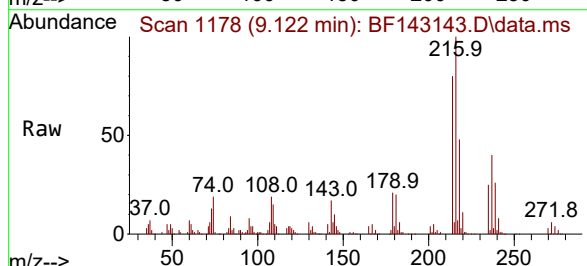
Ion Ratio Lower Upper

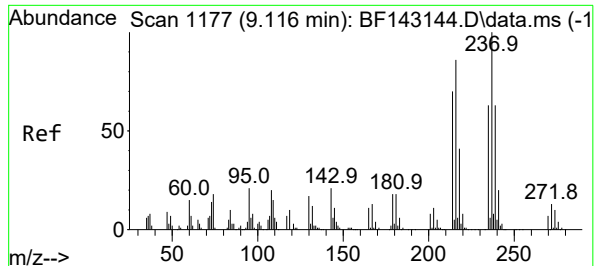
216 100

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

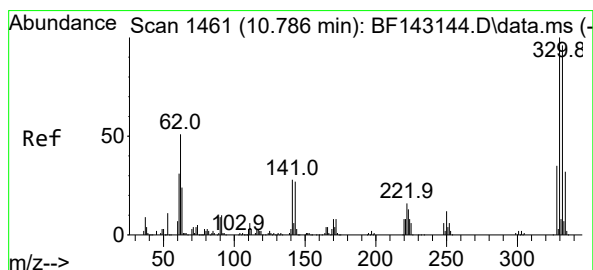
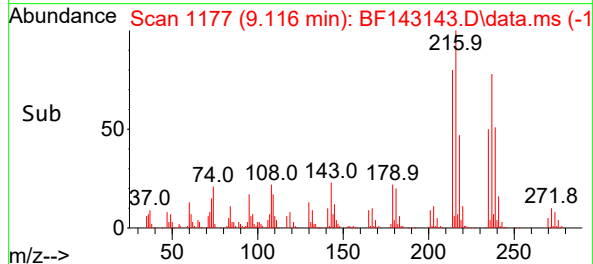
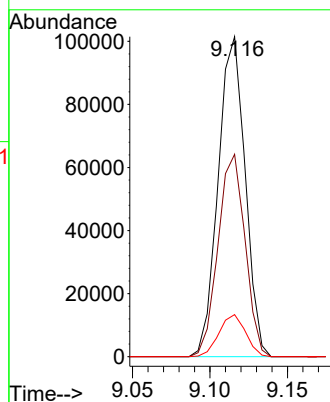
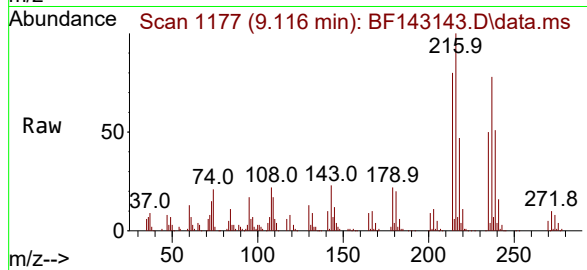
272 13.2 0.0 33.3

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

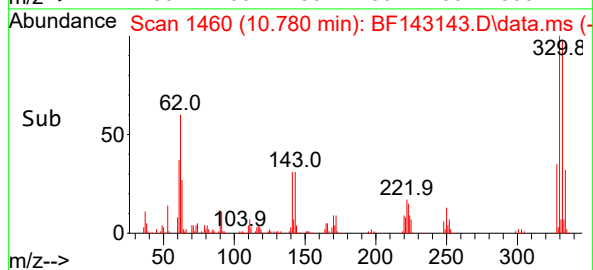
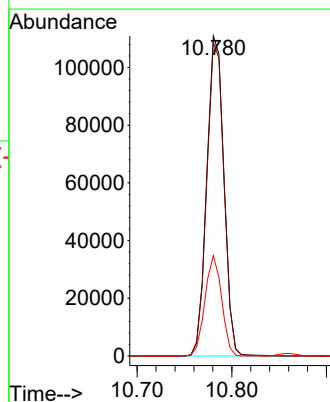
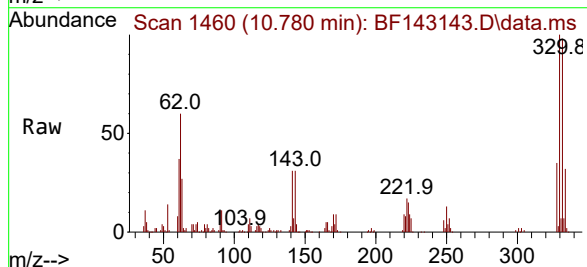
Tgt Ion:330 Resp: 139748

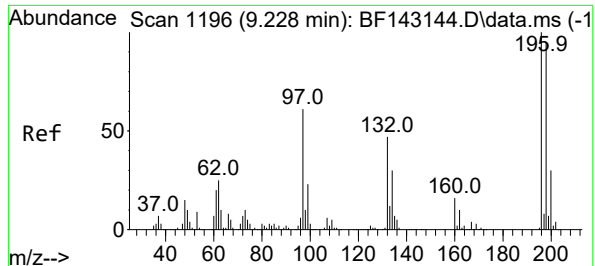
Ion Ratio Lower Upper

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

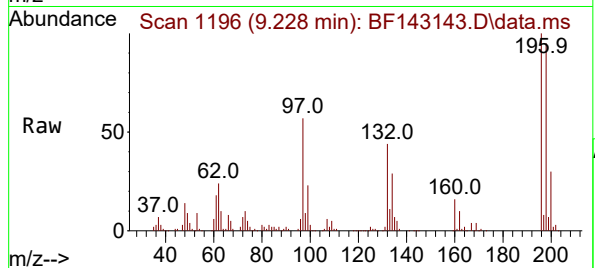
Acq: 17 Jul 2025 12:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion:196 Resp: 13570

Ion Ratio Lower Upper

196 100

198 95.4 76.2 114.2

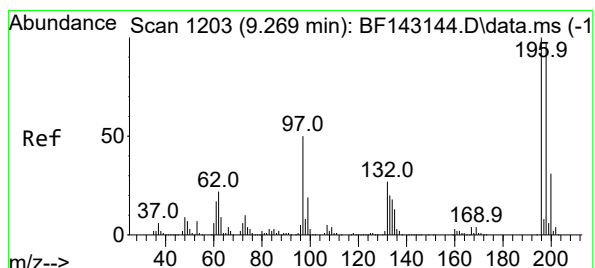
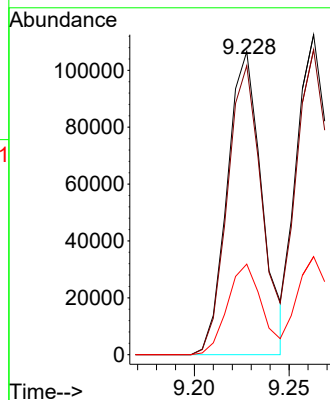
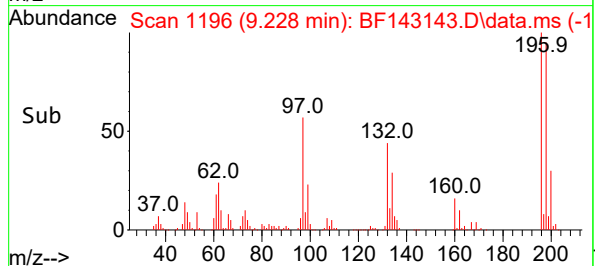
200 29.9 23.9 35.9

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#44

2,4,5-Trichlorophenol

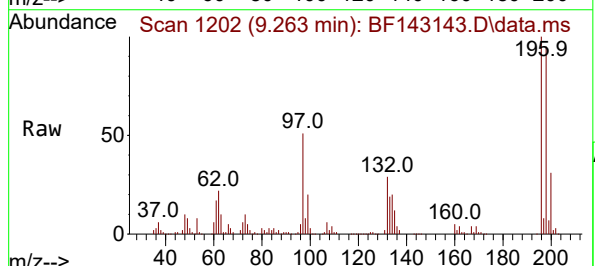
Concen: 20.584 ng

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

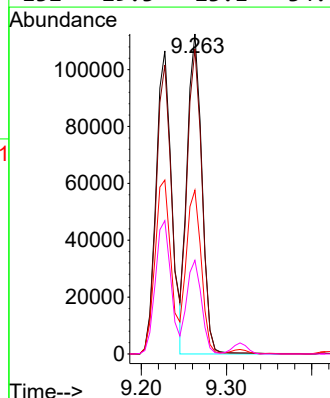
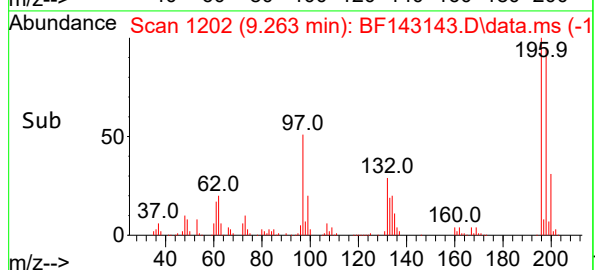
Ion Ratio Lower Upper

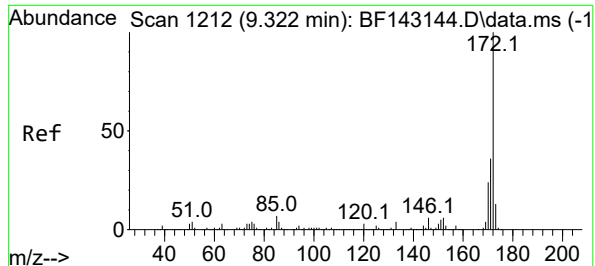
196 100

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

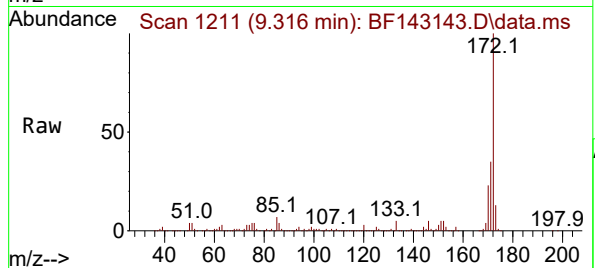
Acq: 17 Jul 2025 12:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion:172 Resp: 101968

Ion Ratio Lower Upper

172 100

171 35.2 28.6 42.8

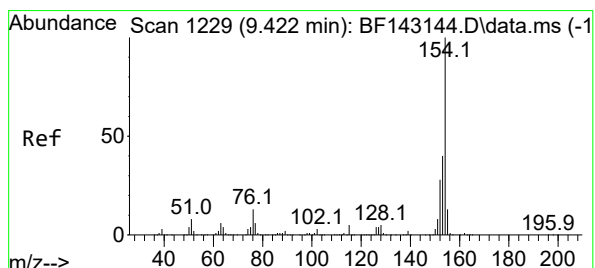
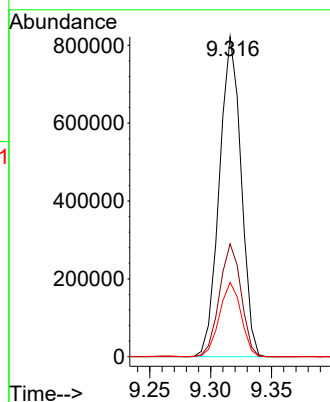
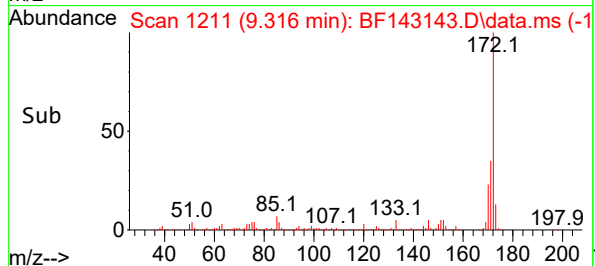
170 23.2 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#46

1,1'-Biphenyl

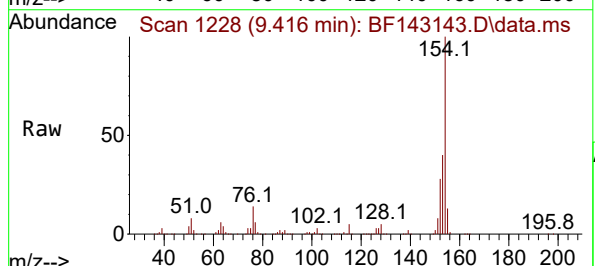
Concen: 21.019 ng

RT: 9.416 min Scan# 1228

Delta R.T. -0.006 min

Lab File: BF143143.D

Acq: 17 Jul 2025 12:34



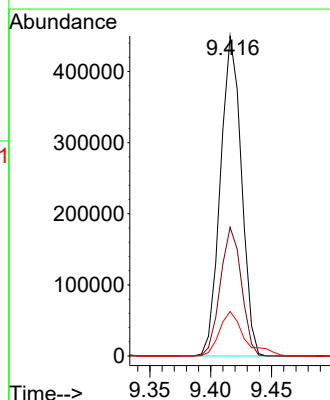
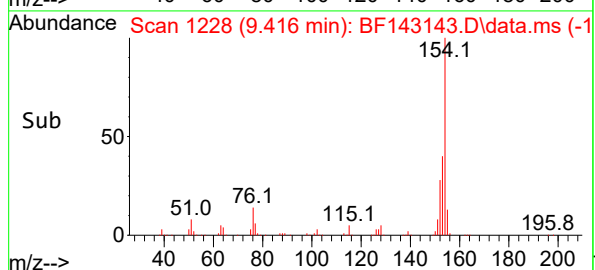
Tgt Ion:154 Resp: 540637

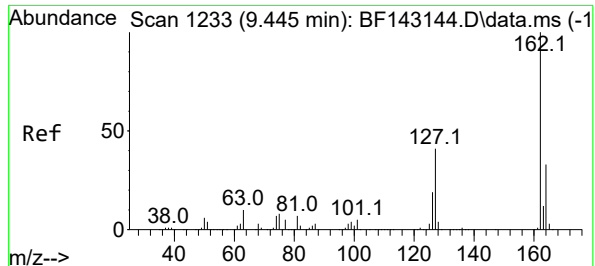
Ion Ratio Lower Upper

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

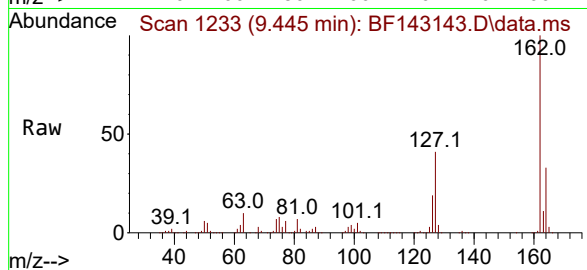
Acq: 17 Jul 2025 12:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion:162 Resp: 393002

Ion Ratio Lower Upper

162 100

127 40.6 33.4 50.2

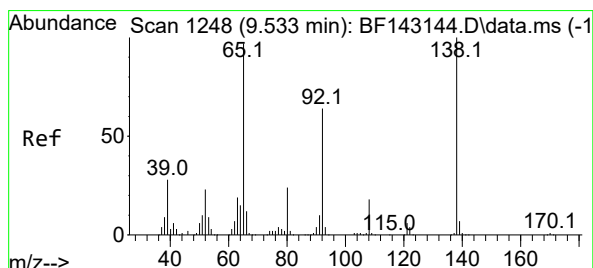
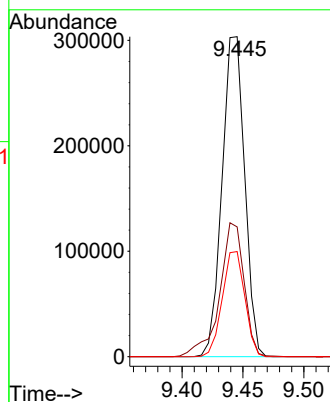
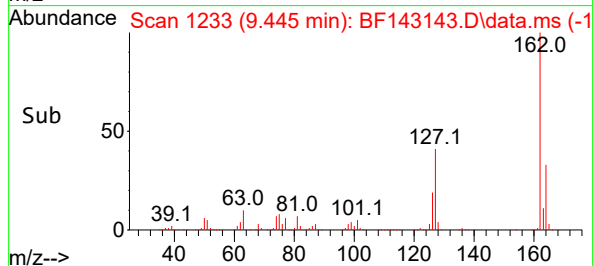
164 32.9 26.2 39.2

Manual Integrations

APPROVED

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

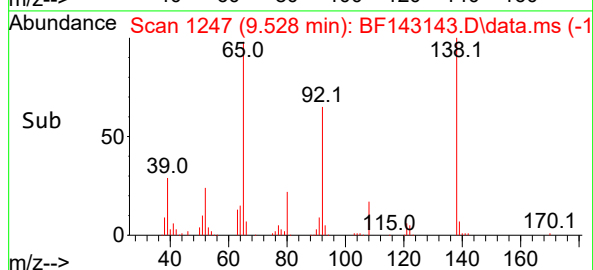
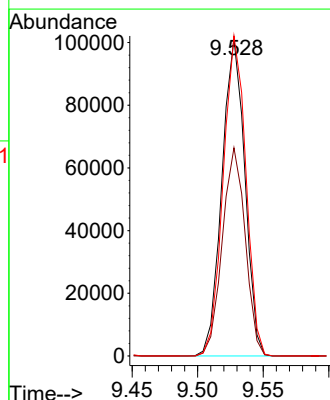
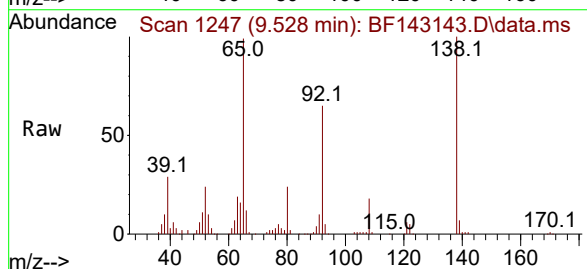
Tgt Ion: 65 Resp: 122517

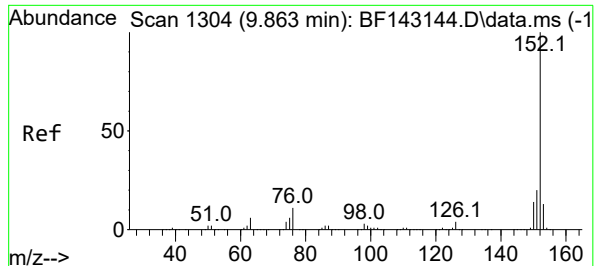
Ion Ratio Lower Upper

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

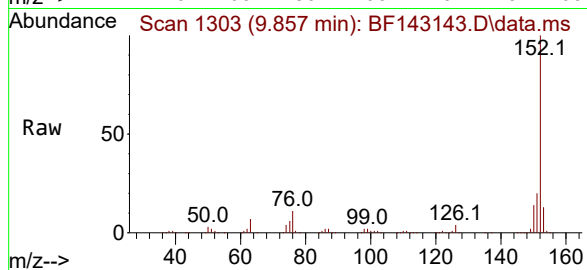
Acq: 17 Jul 2025 12:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion:152 Resp: 66304

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.2

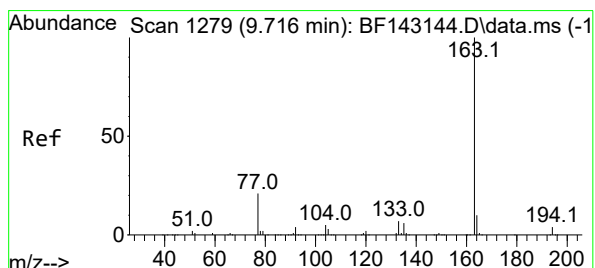
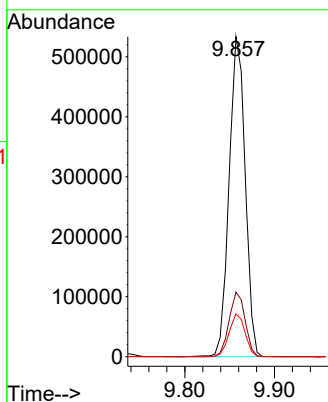
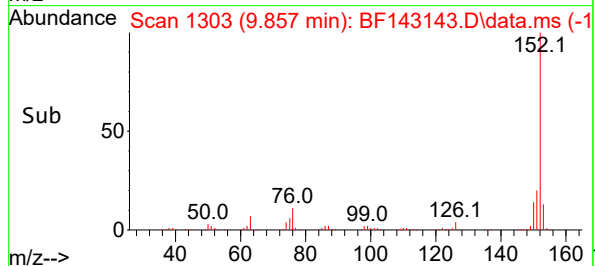
153 13.3 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#50

Dimethylphthalate

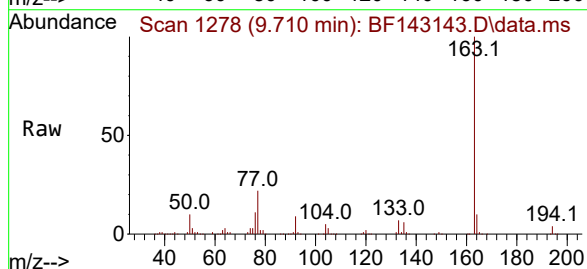
Concen: 20.558 ng

RT: 9.710 min Scan# 1278

Delta R.T. -0.006 min

Lab File: BF143143.D

Acq: 17 Jul 2025 12:34



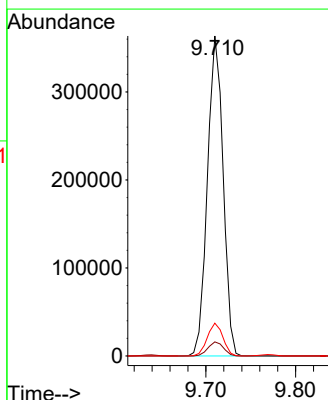
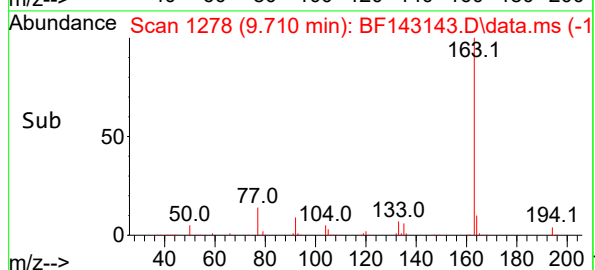
Tgt Ion:163 Resp: 441768

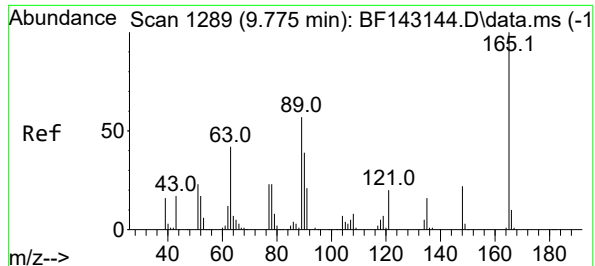
Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

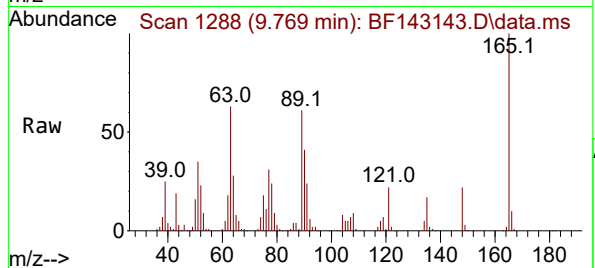
164 10.3 8.3 12.5





#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

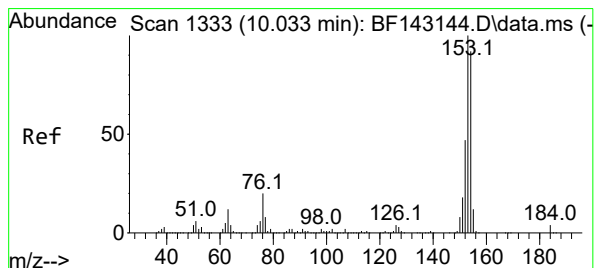
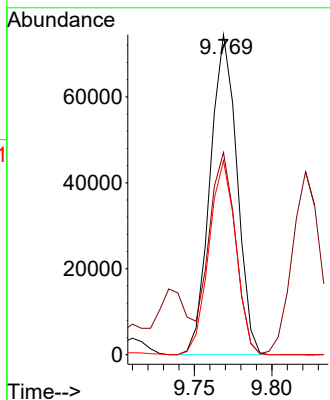
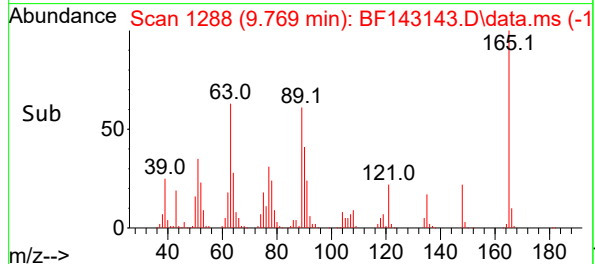
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



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

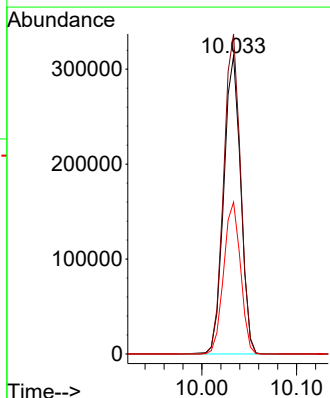
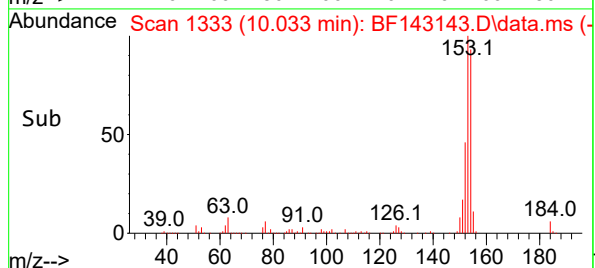
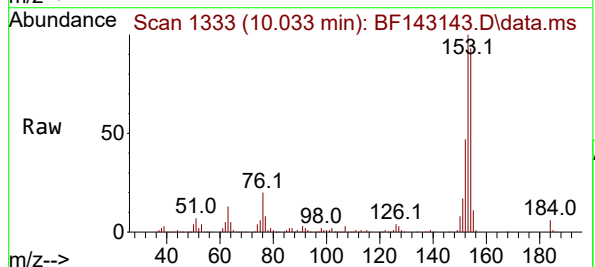
Manual Integrations
APPROVED

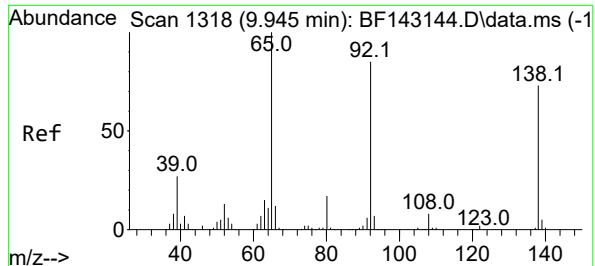
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

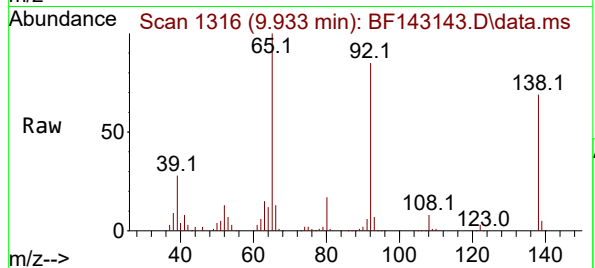
Tgt Ion:154 Resp: 390249
Ion Ratio Lower Upper
154 100
153 107.3 86.6 129.8
152 50.9 40.4 60.6





#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

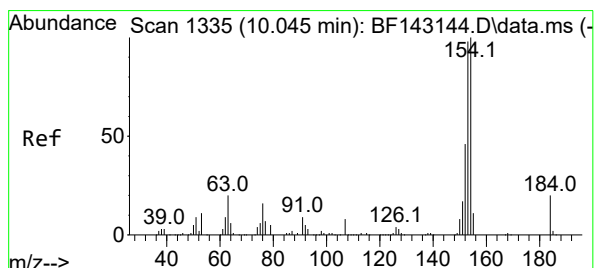
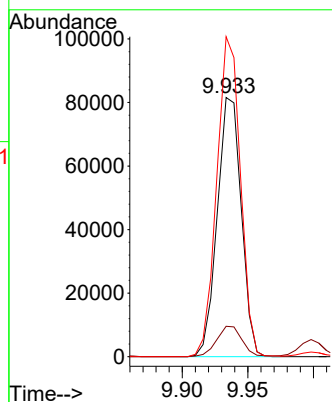
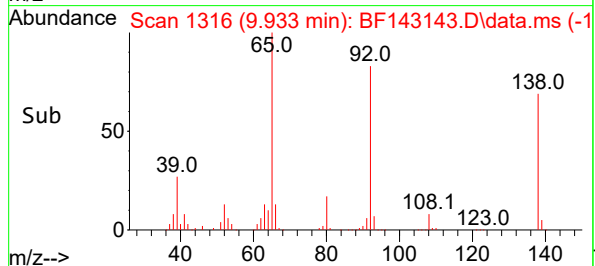
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



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

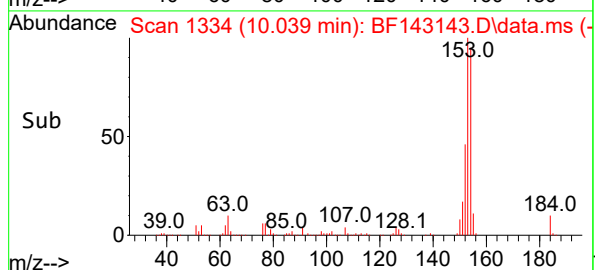
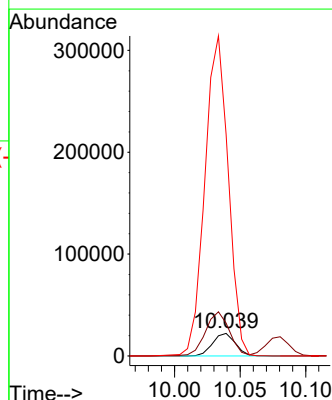
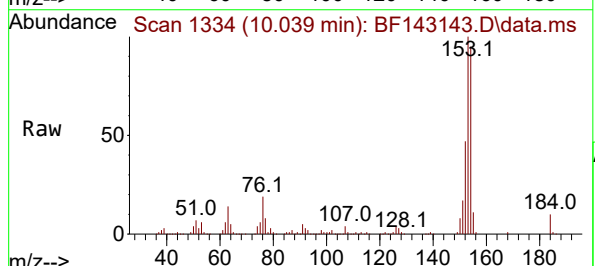
Manual Integrations
APPROVED

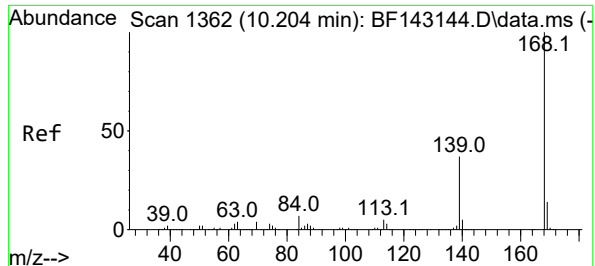
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

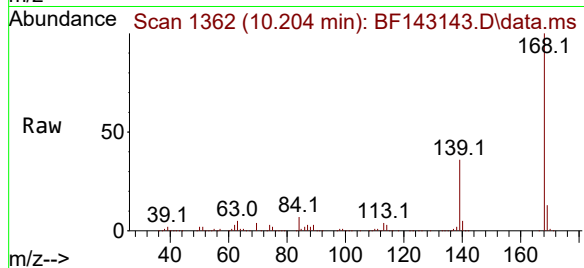
Tgt Ion:184 Resp: 26820
Ion Ratio Lower Upper
184 100
63 145.3 81.8 122.6#
154 980.0 412.2 618.4#





#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

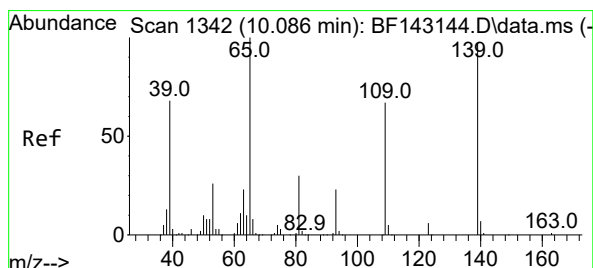
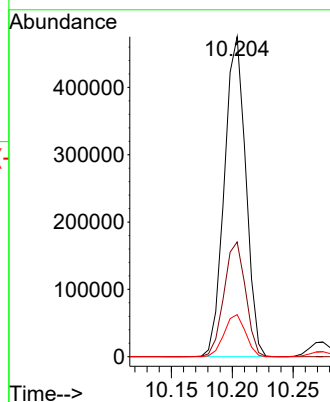
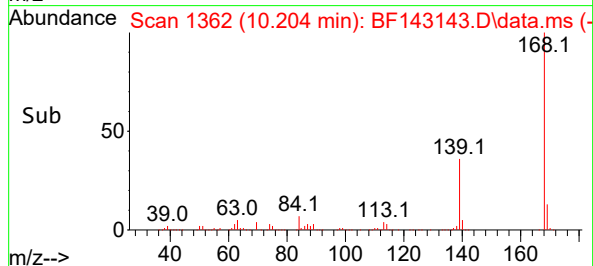
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



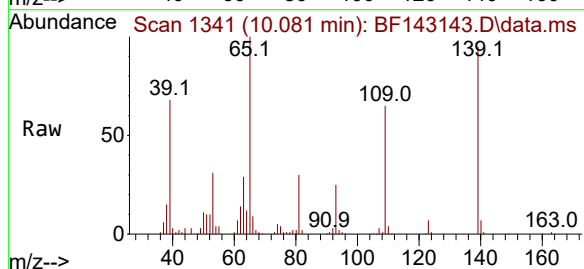
Tgt Ion:168 Resp: 582320
Ion Ratio Lower Upper
168 100
139 35.9 29.5 44.3
169 13.1 10.9 16.3

Manual Integrations
APPROVED

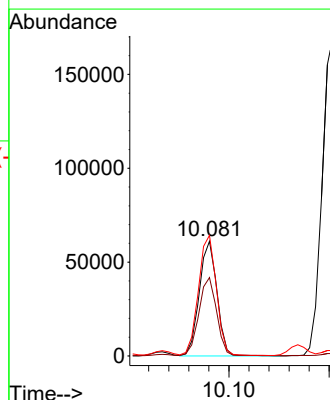
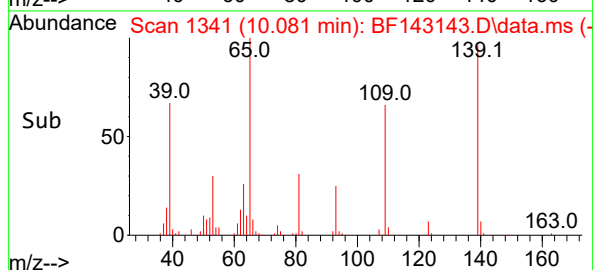
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

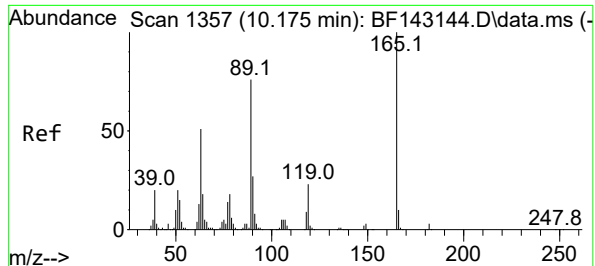


#56
4-Nitrophenol
Concen: 19.715 ng
RT: 10.081 min Scan# 1341
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34



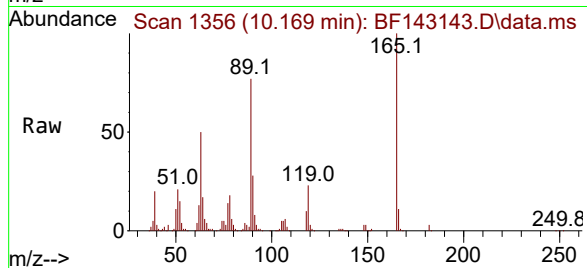
Tgt Ion:139 Resp: 75275
Ion Ratio Lower Upper
139 100
109 68.3 48.5 88.5
65 105.1 83.4 123.4





#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

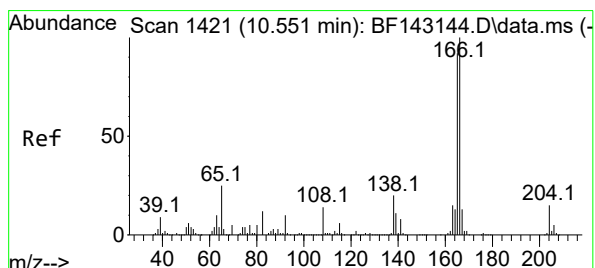
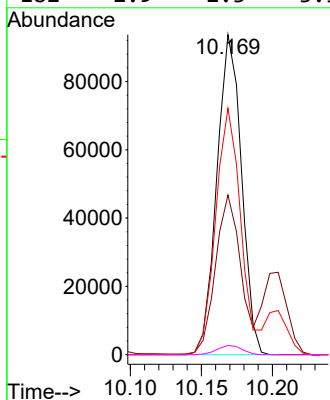
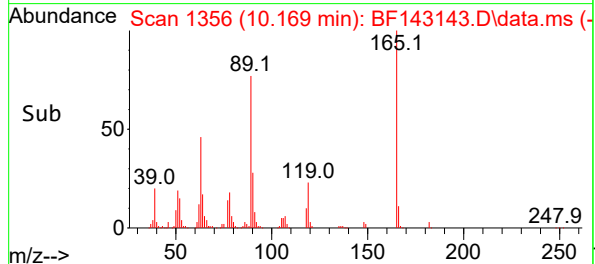
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



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

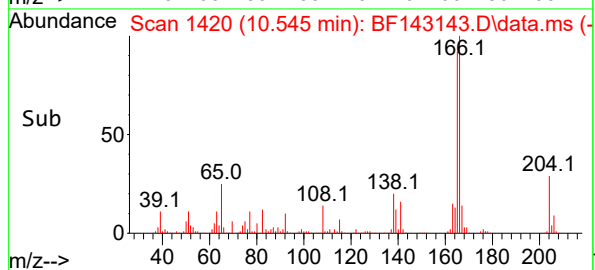
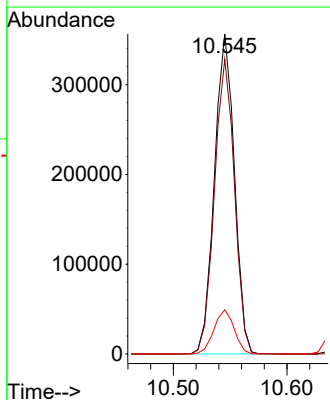
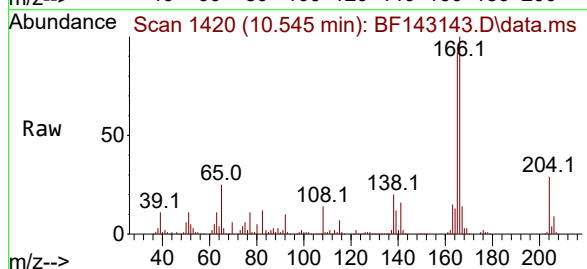
Manual Integrations
APPROVED

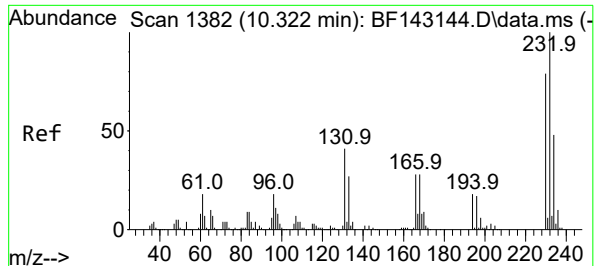
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

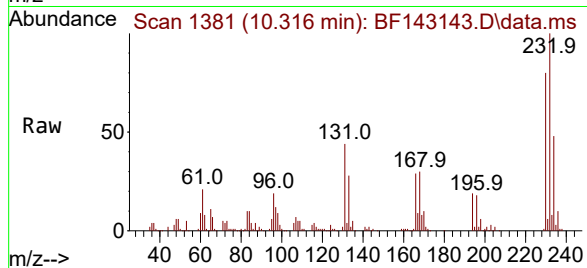
Tgt Ion:166 Resp: 435866
Ion Ratio Lower Upper
166 100
165 92.1 73.7 110.5
167 13.8 10.6 16.0





#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

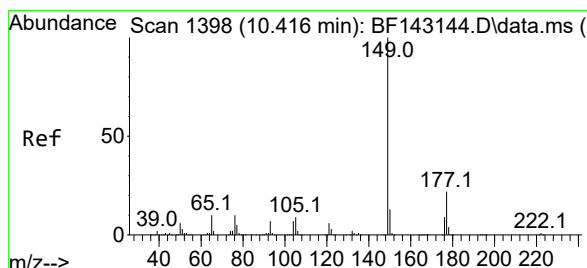
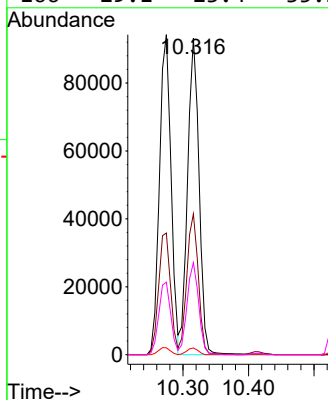
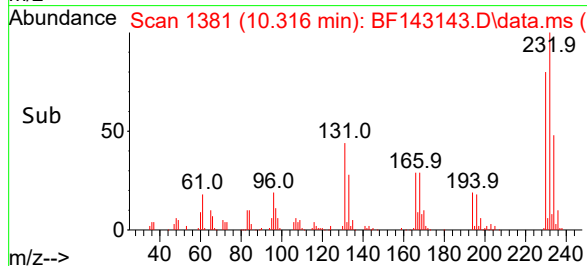
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



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

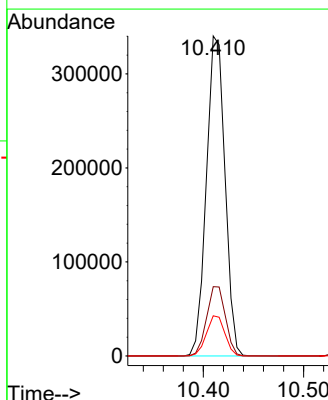
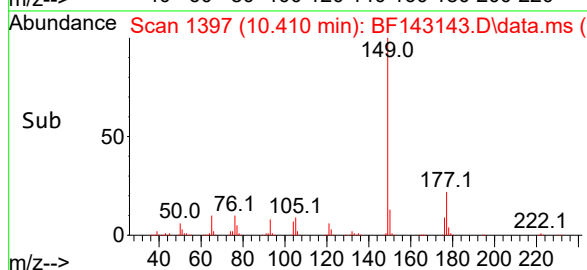
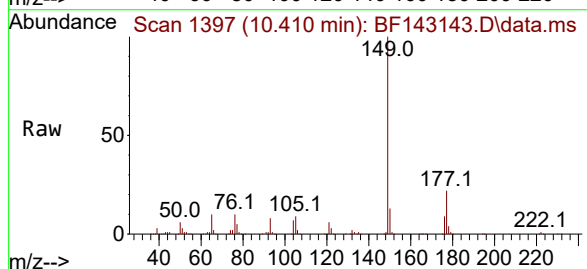
Manual Integrations
APPROVED

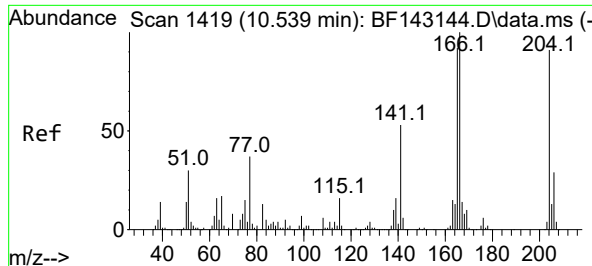
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

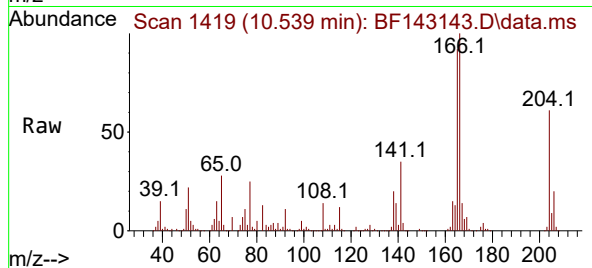
Tgt Ion:149 Resp: 440058
Ion Ratio Lower Upper
149 100
177 21.7 17.5 26.3
150 12.5 10.2 15.2





#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

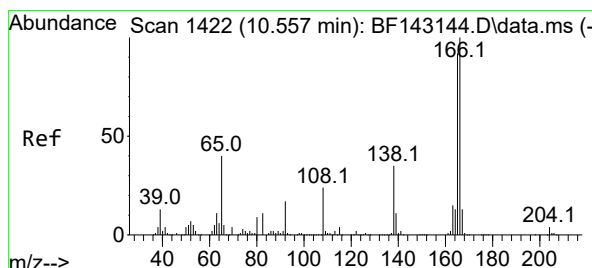
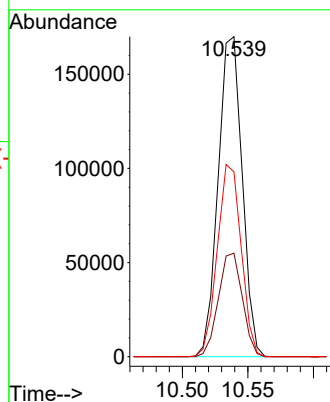
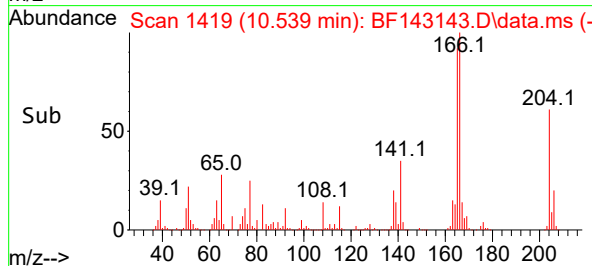
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



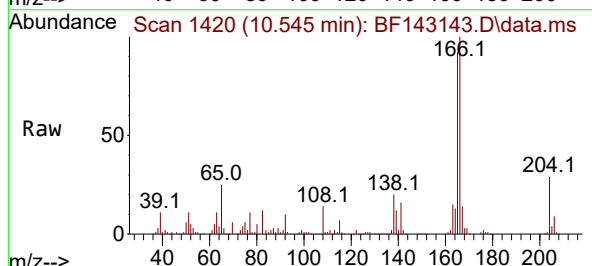
Tgt Ion:204 Resp: 216490
Ion Ratio Lower Upper
204 100
206 32.4 25.8 38.8
141 57.8 47.0 70.4

Manual Integrations
APPROVED

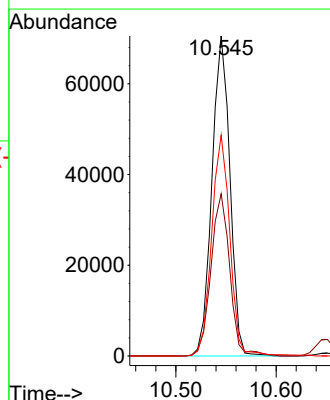
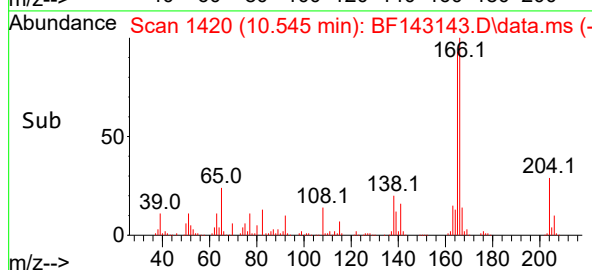
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

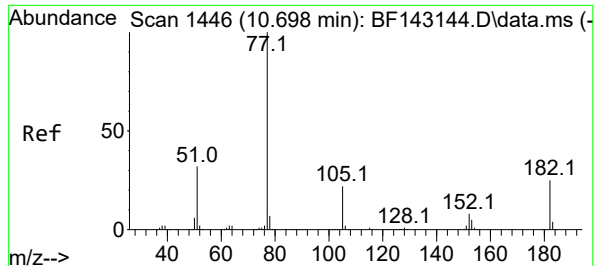


#62
4-Nitroaniline
Concen: 20.005 ng
RT: 10.545 min Scan# 1420
Delta R.T. -0.012 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34



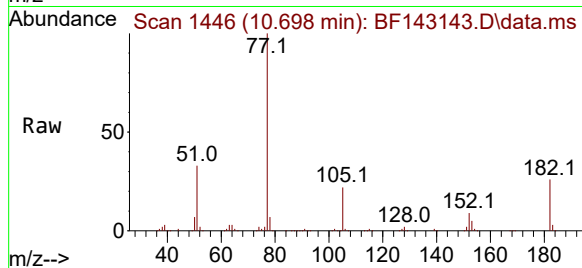
Tgt Ion:138 Resp: 87666
Ion Ratio Lower Upper
138 100
92 50.7 29.3 69.3
108 69.0 48.3 88.3





#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

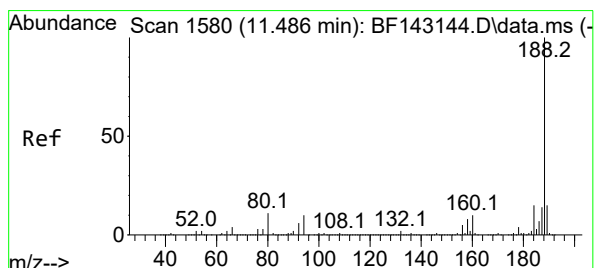
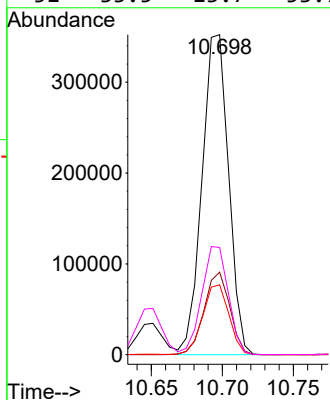
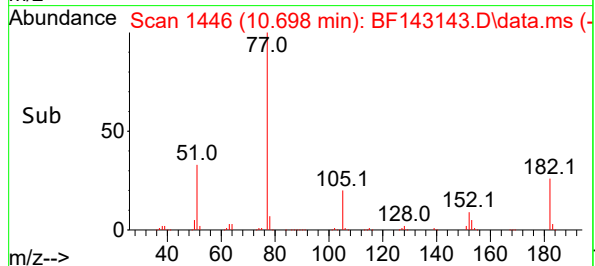
Instrument :
BNA_F
Client Sample Id :
SSTDICC020



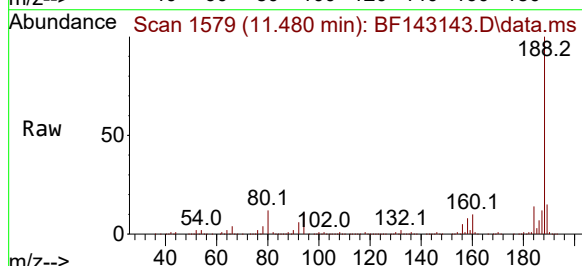
Tgt Ion: 77 Resp: 45801
Ion Ratio Lower Upper
77 100
182 25.8 4.6 44.6
105 21.8 1.4 41.4
51 33.5 13.7 53.7

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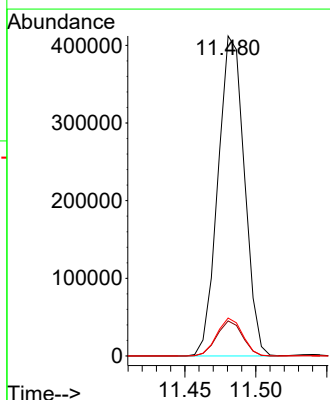
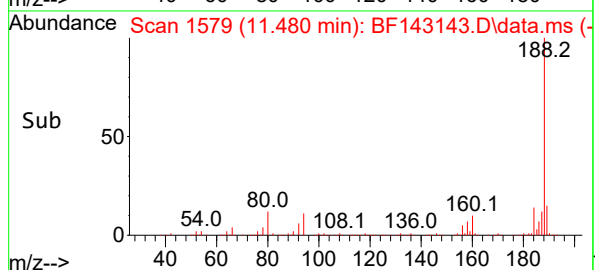
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

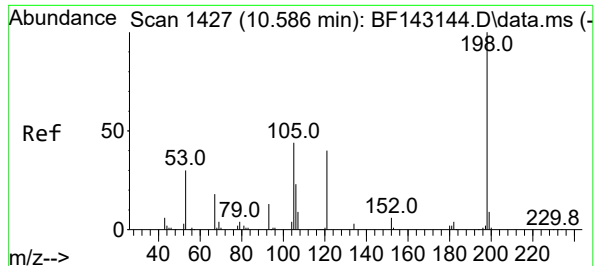


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34



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





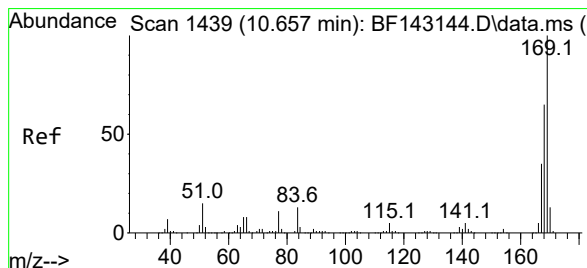
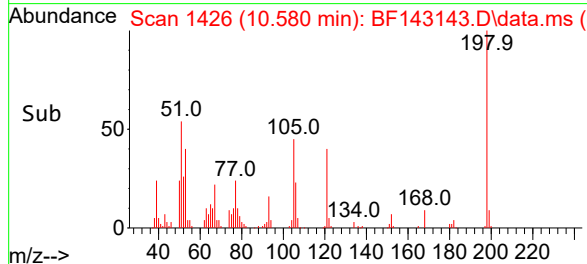
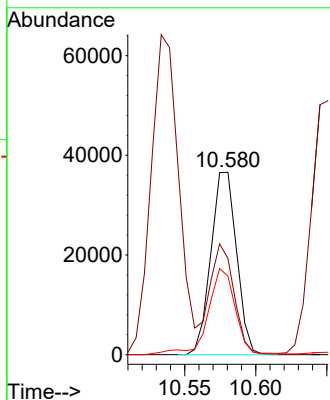
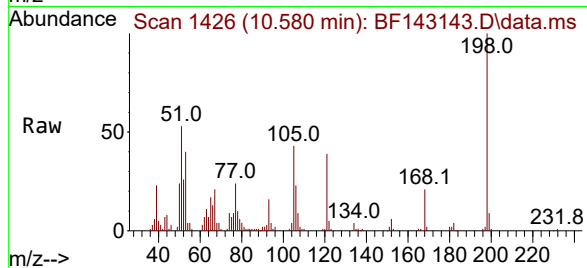
#65
4,6-Dinitro-2-methylphenol
Concen: 20.060 ng
RT: 10.580 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

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

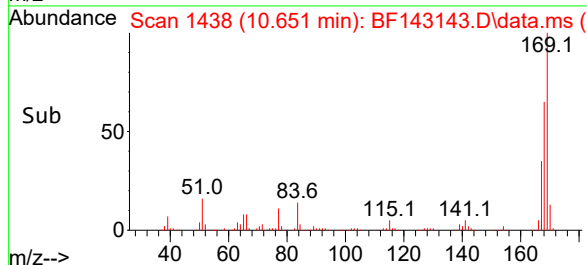
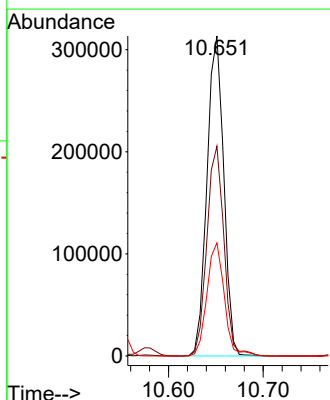
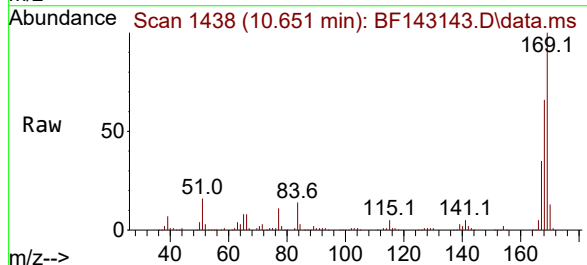
Manual Integrations
APPROVED

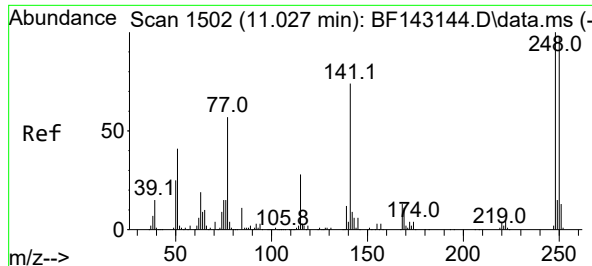
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

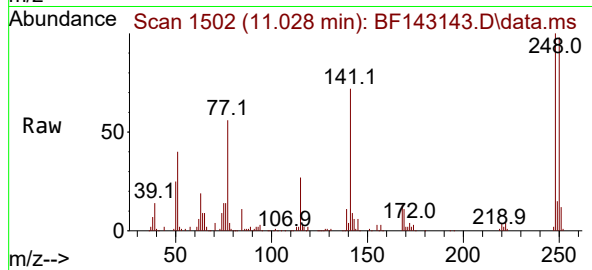
Tgt Ion:169 Resp: 384467
Ion Ratio Lower Upper
169 100
168 65.6 52.1 78.1
167 35.4 28.2 42.2





#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

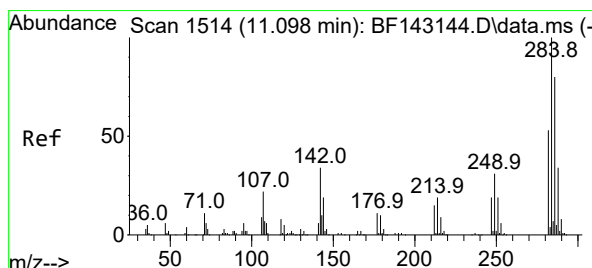
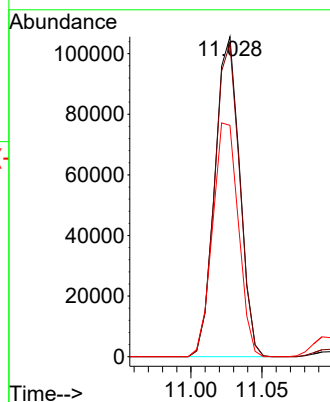
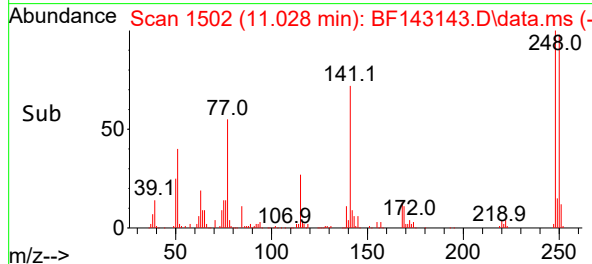
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



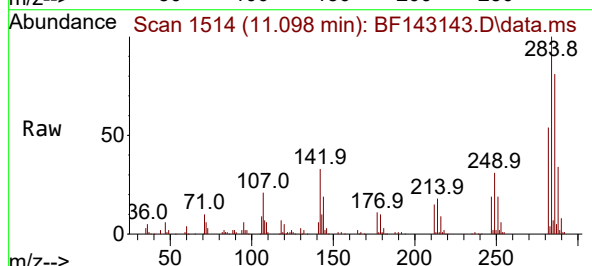
Tgt Ion:248 Resp: 12866
Ion Ratio Lower Upper
248 100
250 97.8 78.3 117.5
141 72.3 59.2 88.8

Manual Integrations
APPROVED

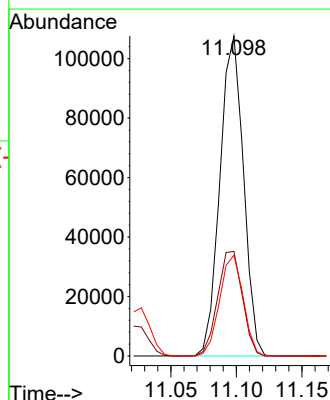
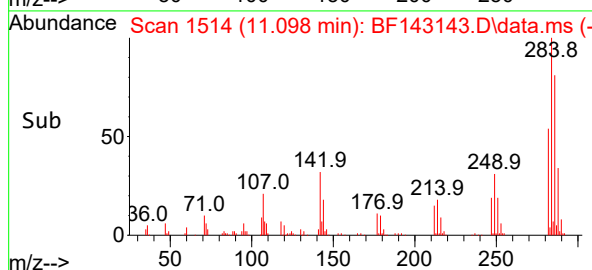
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

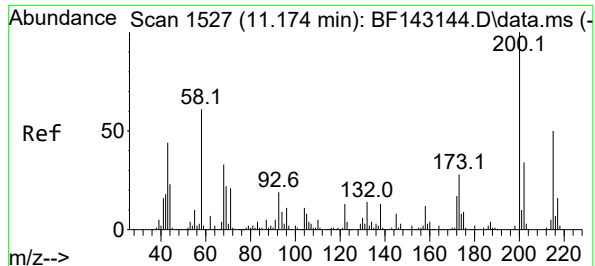


#68
Hexachlorobenzene
Concen: 20.191 ng
RT: 11.098 min Scan# 1514
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34



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

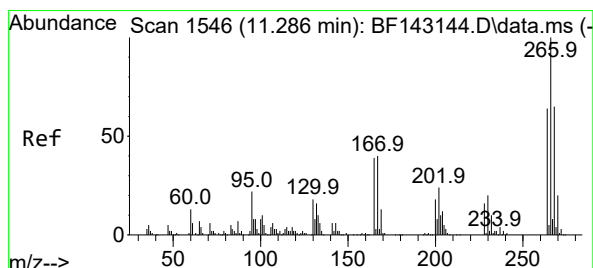
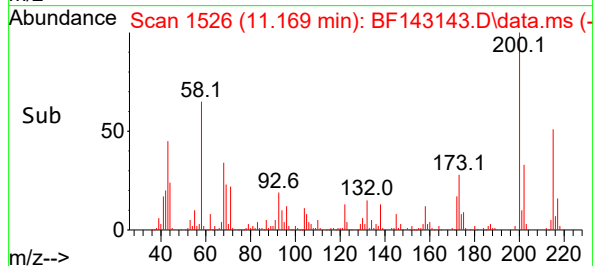
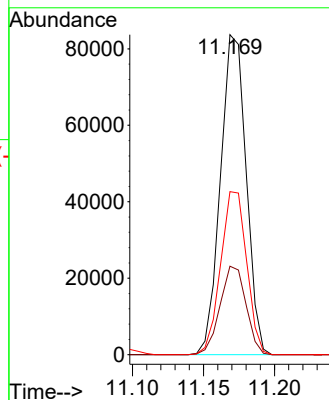
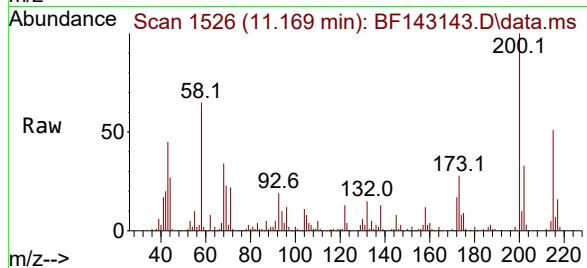
215 51.0 30.1 70.1

Manual Integrations

APPROVED

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

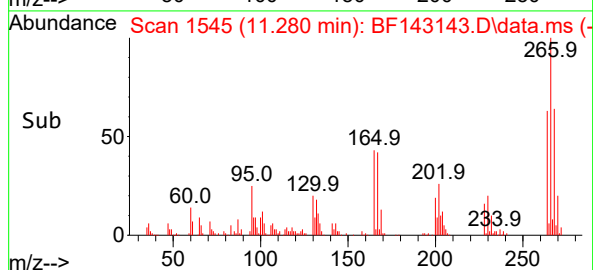
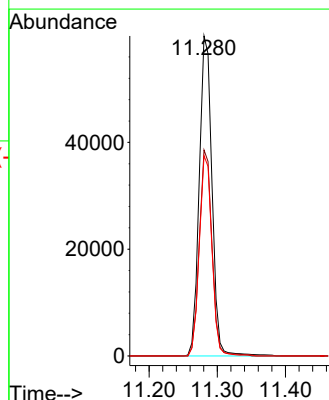
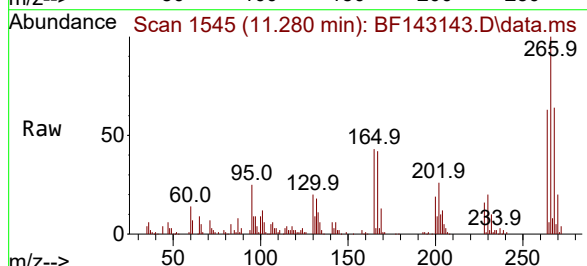
Tgt Ion:266 Resp: 77906

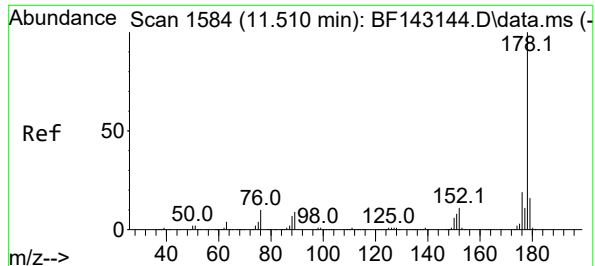
Ion Ratio Lower Upper

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

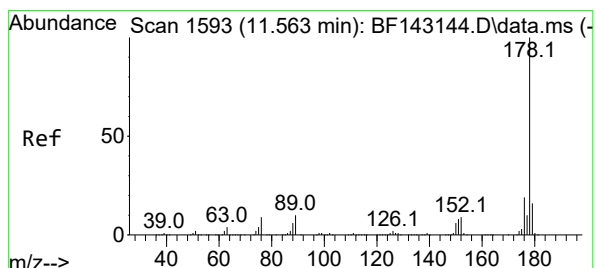
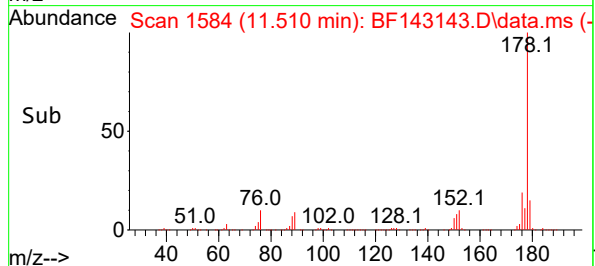
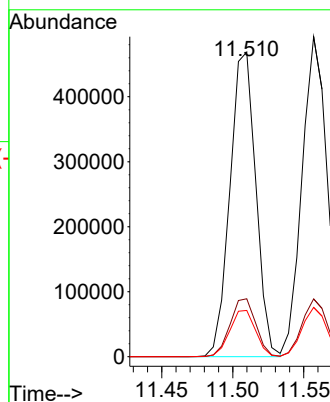
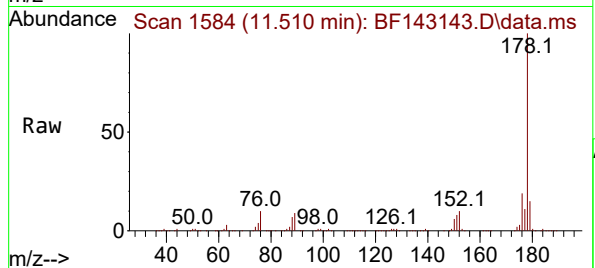
179 15.2 12.5 18.7

Manual Integrations

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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

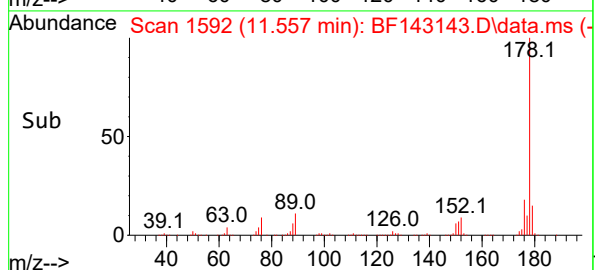
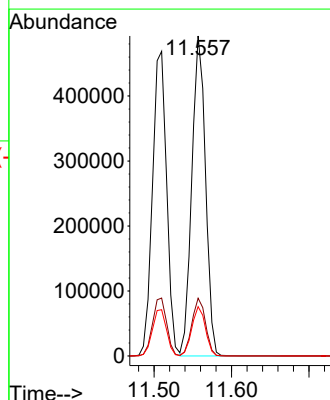
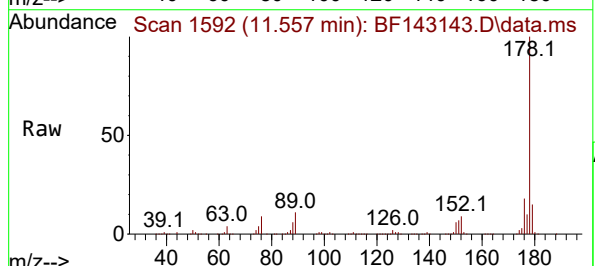
Tgt Ion:178 Resp: 604416

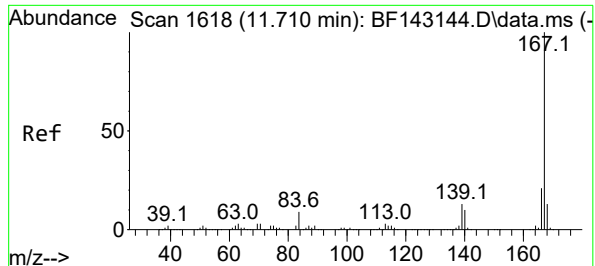
Ion Ratio Lower Upper

178 100

176 18.0 15.0 22.4

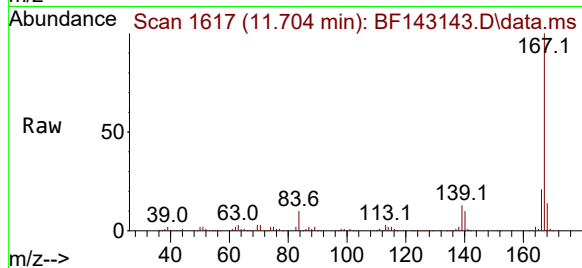
179 15.4 12.5 18.7





#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

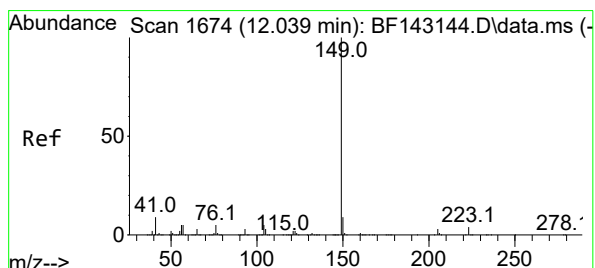
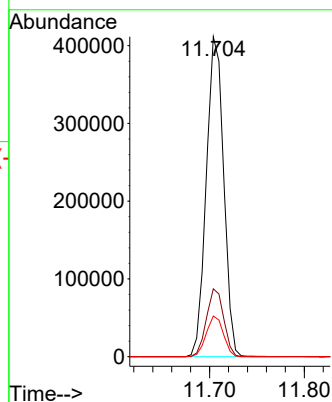
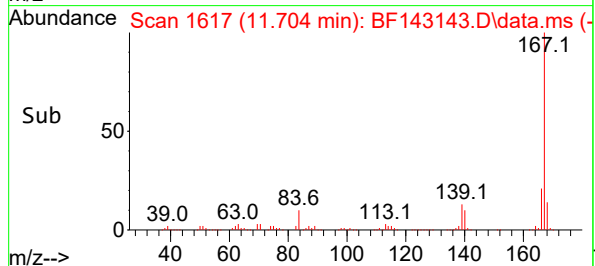
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



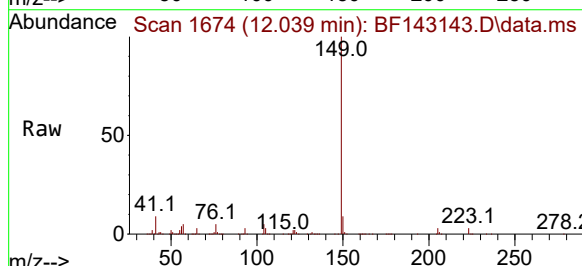
Tgt Ion:167 Resp: 52336
Ion Ratio Lower Upper
167 100
166 21.2 17.0 25.6
139 12.7 10.0 15.0

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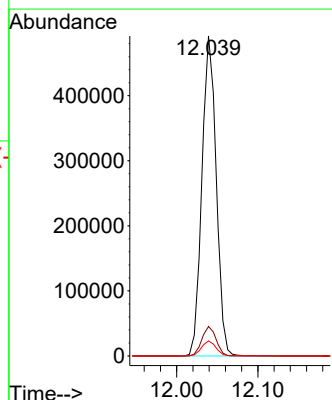
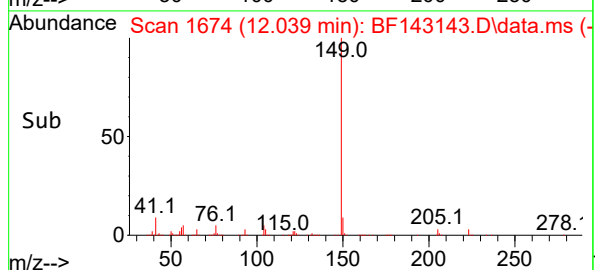
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

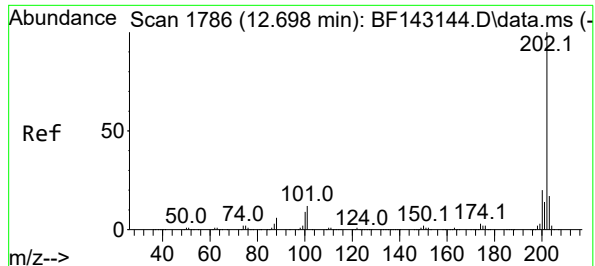


#74
Di-n-butylphthalate
Concen: 21.108 ng
RT: 12.039 min Scan# 1674
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34



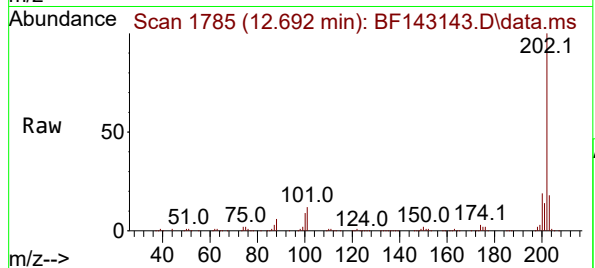
Tgt Ion:149 Resp: 601867
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.2
104 4.7 3.8 5.8





#75
Fluoranthene
Concen: 20.894 ng
RT: 12.692 min Scan# 1785
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

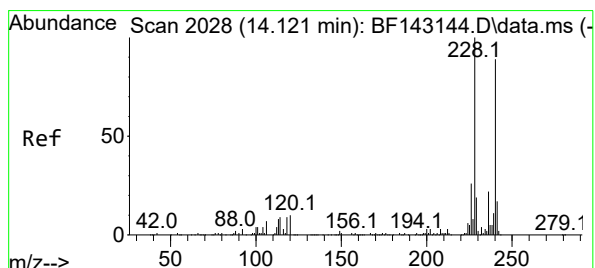
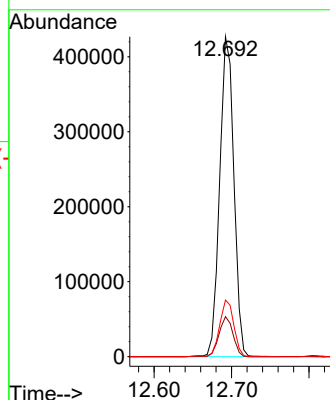
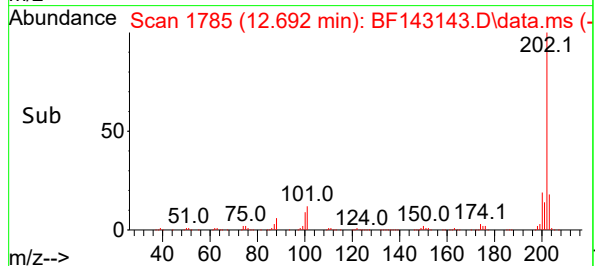
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



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

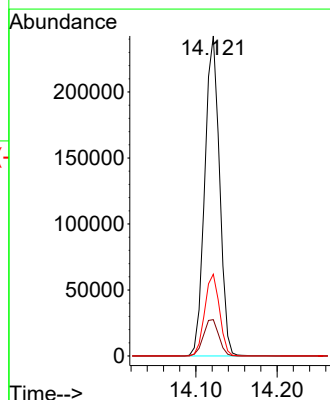
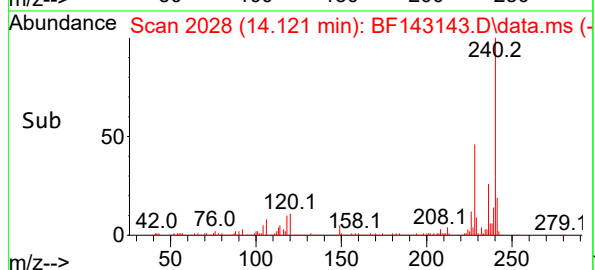
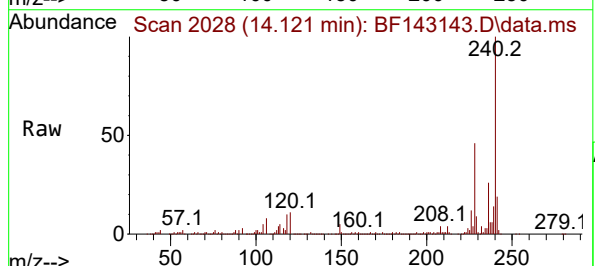
Manual Integrations
APPROVED

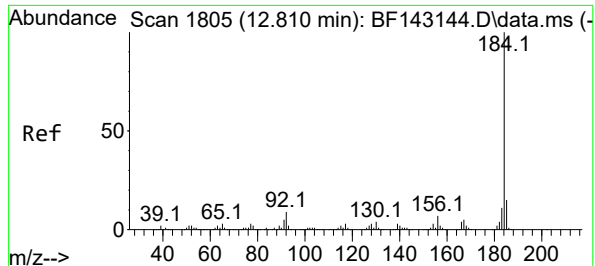
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



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

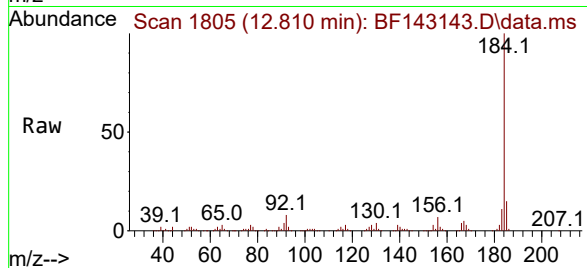
Tgt Ion:240 Resp: 305398
Ion Ratio Lower Upper
240 100
120 11.3 9.4 14.2
236 25.5 20.2 30.4





#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

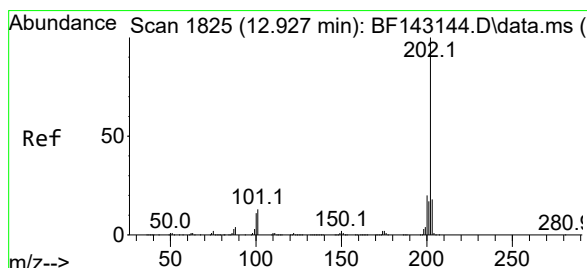
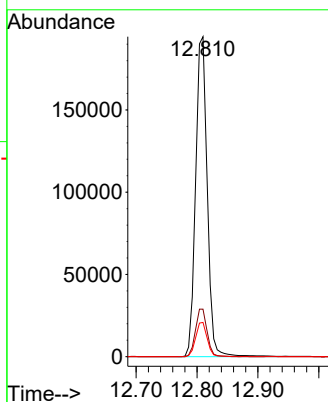
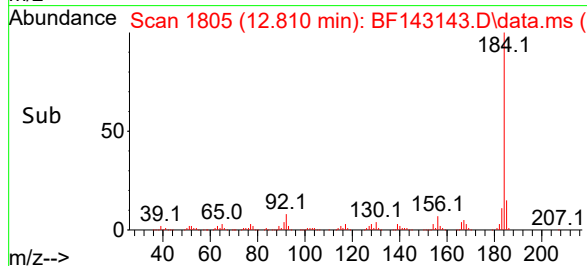
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



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

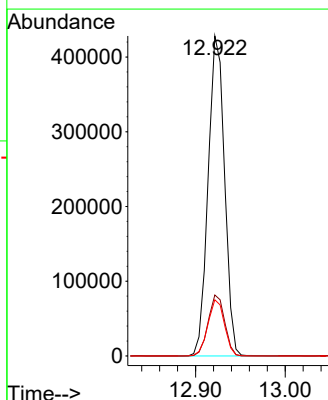
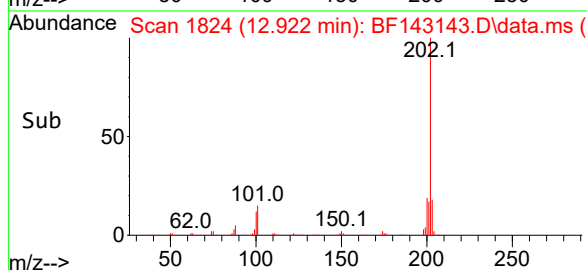
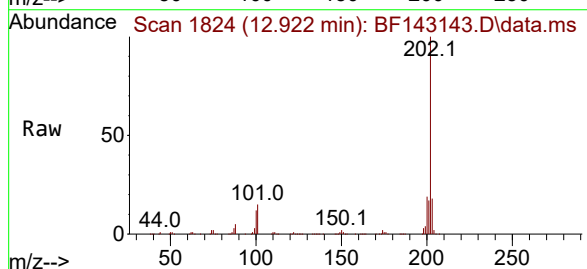
Manual Integrations
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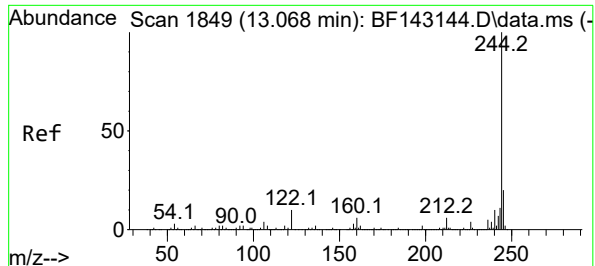
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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# 1849

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

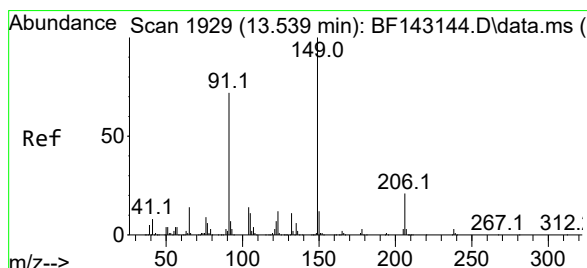
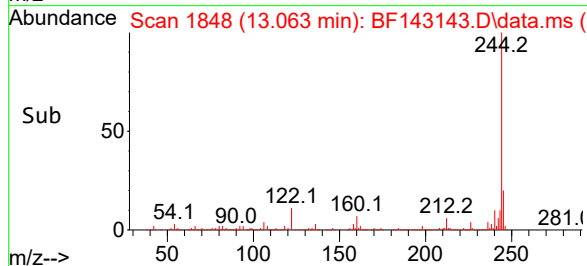
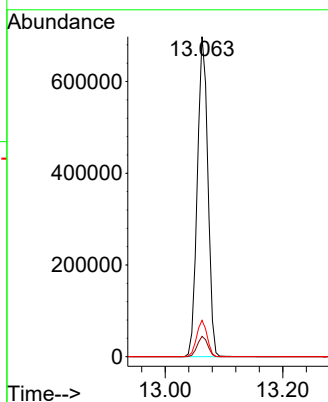
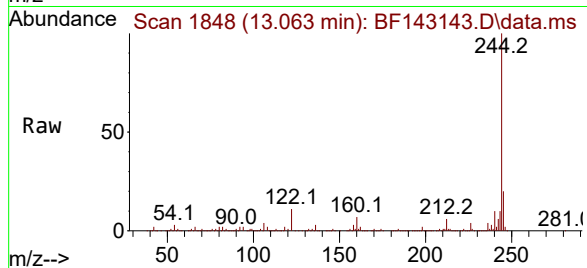
122 11.3 8.2 12.2

Manual Integrations

APPROVED

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

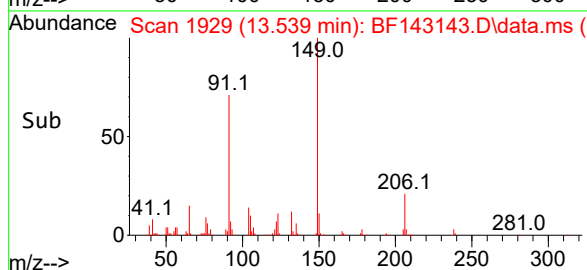
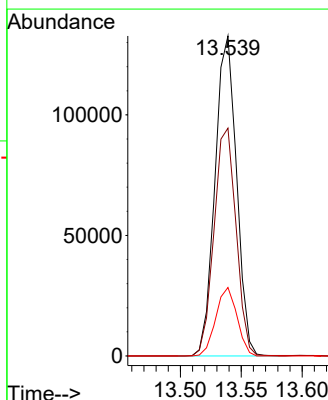
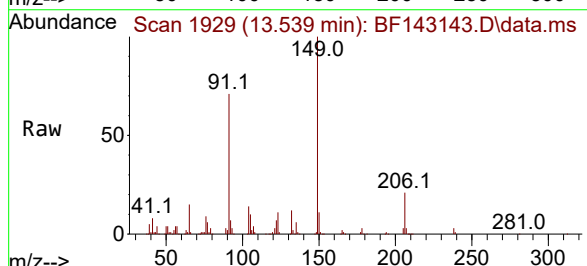
Tgt Ion:149 Resp: 163546

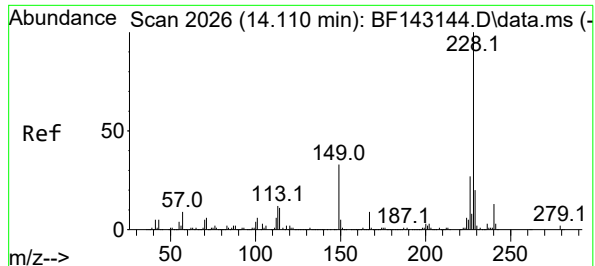
Ion Ratio Lower Upper

149 100

91 71.2 57.9 86.9

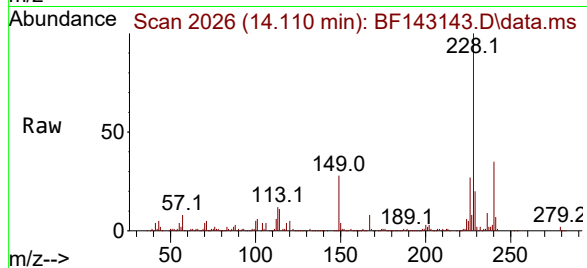
206 21.4 17.0 25.4





#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

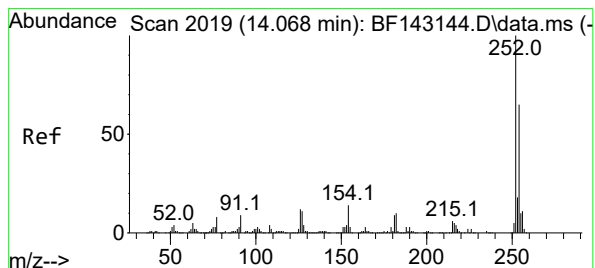
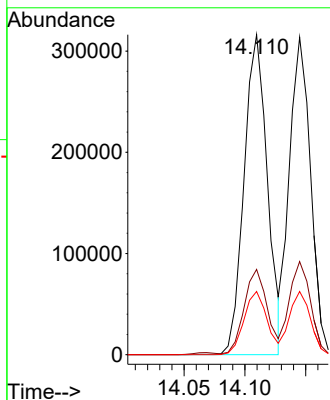
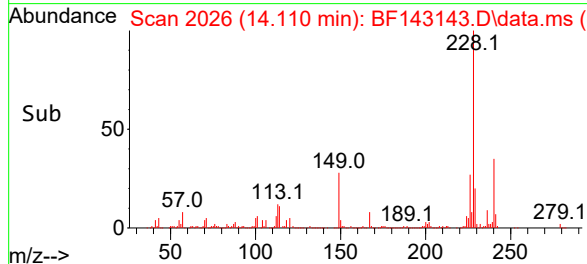
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



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

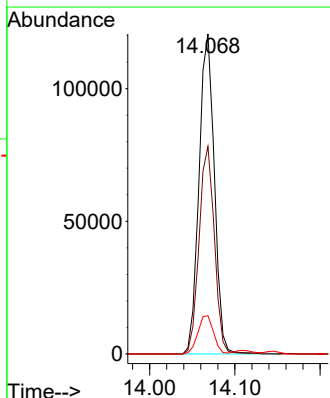
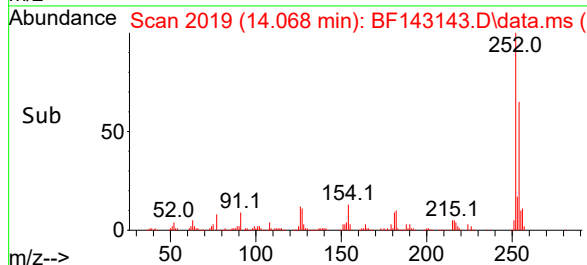
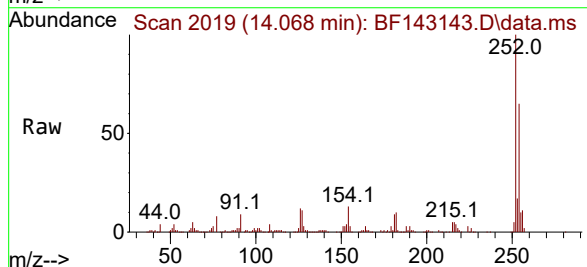
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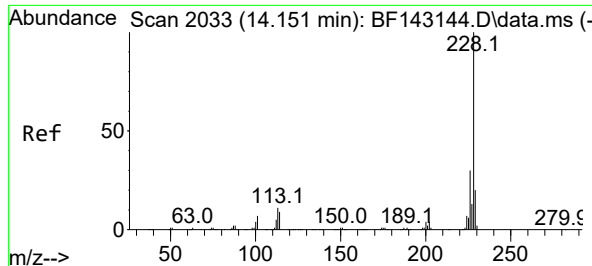
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

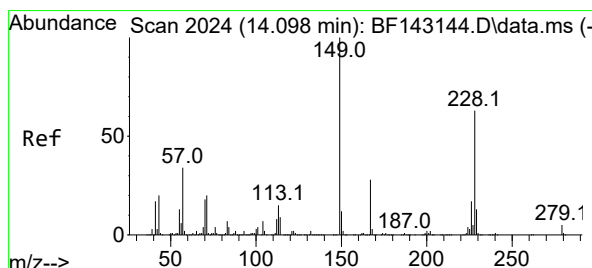
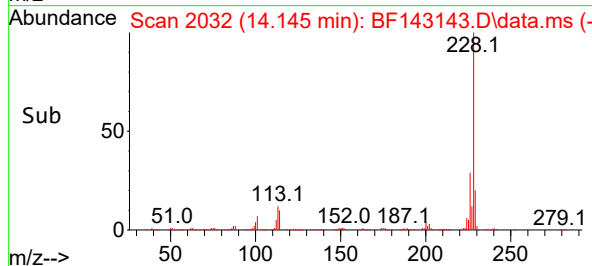
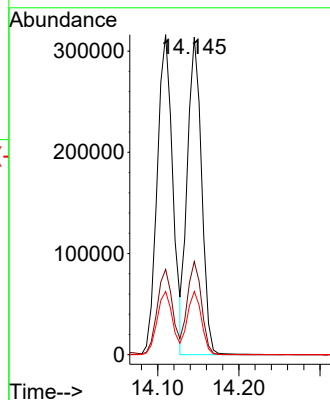
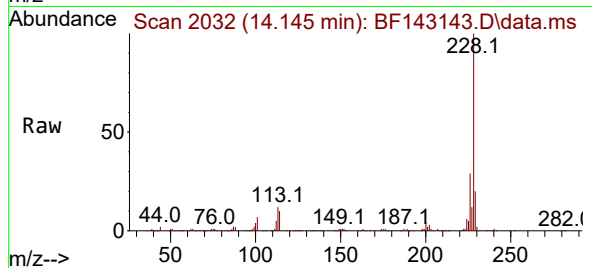
229 19.9 15.6 23.4

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

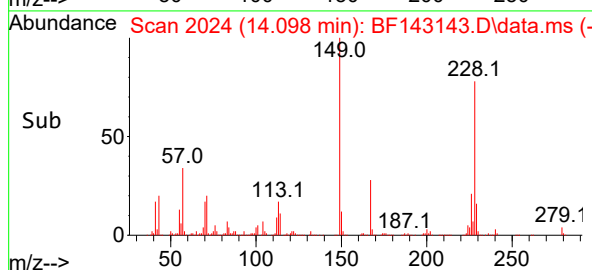
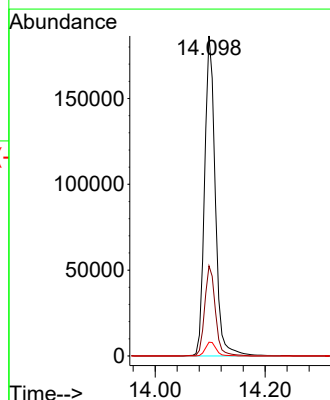
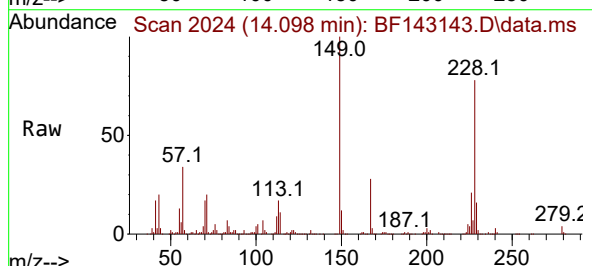
Tgt Ion:149 Resp: 251739

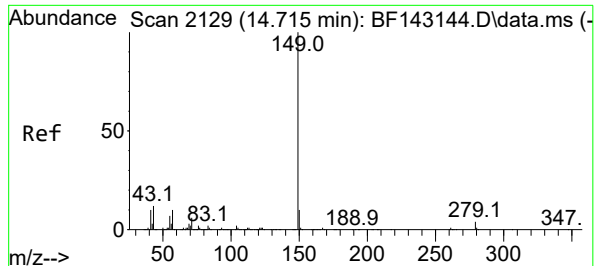
Ion Ratio Lower Upper

149 100

167 28.2 22.3 33.5

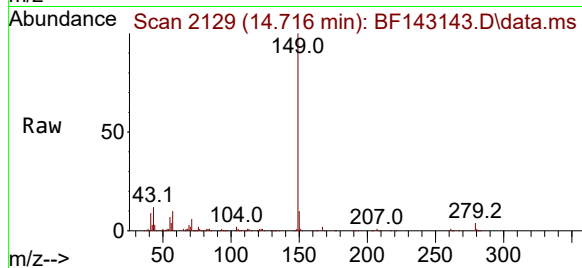
279 4.3 3.6 5.4





#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

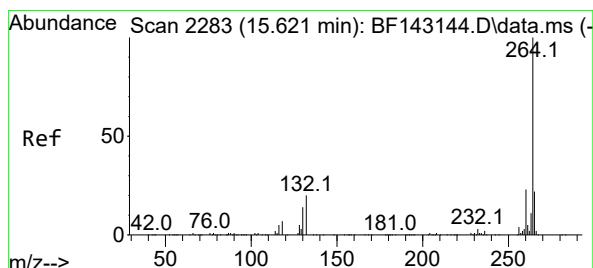
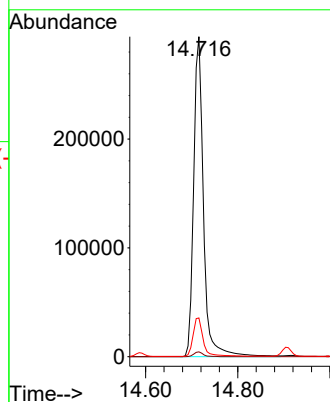
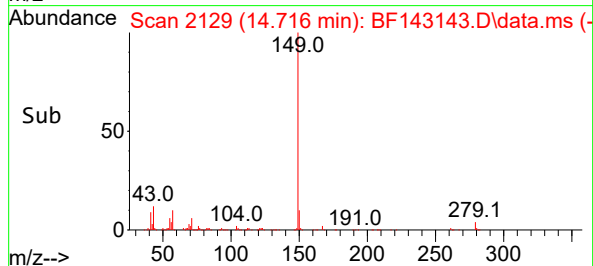
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



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

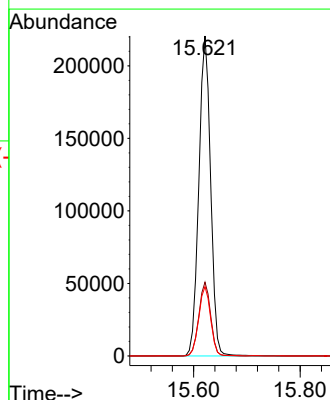
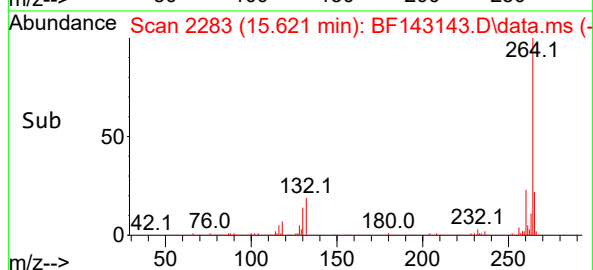
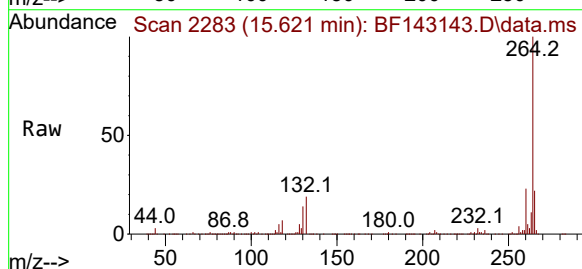
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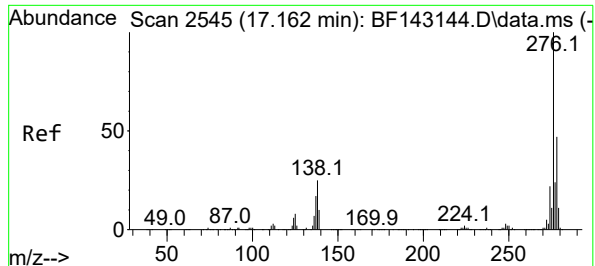
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

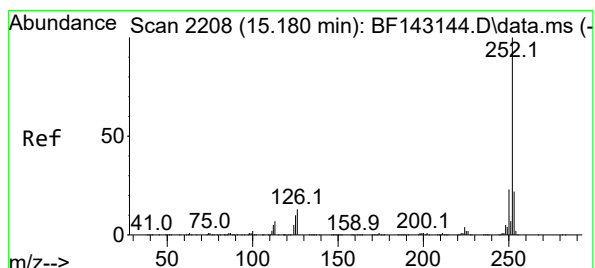
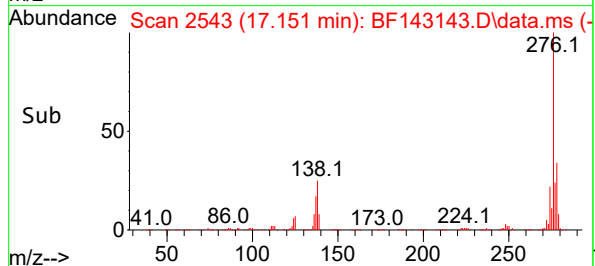
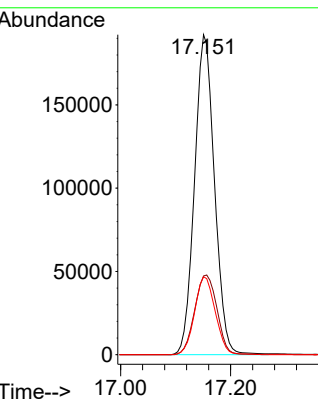
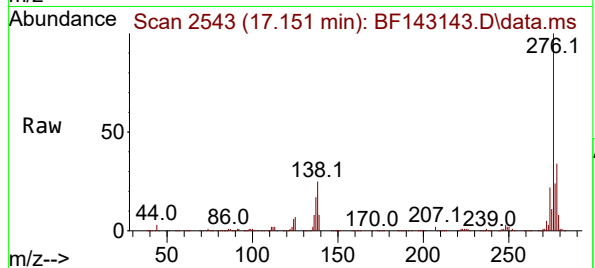
277 25.3 20.0 30.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#88

Benzo(b)fluoranthene

Concen: 21.071 ng

RT: 15.174 min Scan# 2207

Delta R.T. -0.006 min

Lab File: BF143143.D

Acq: 17 Jul 2025 12:34

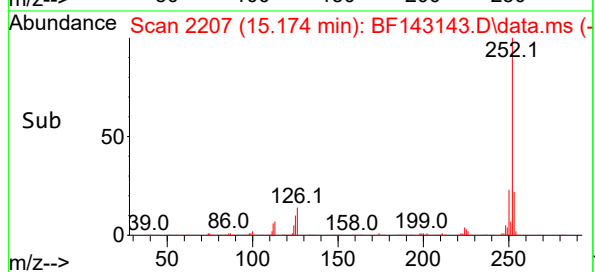
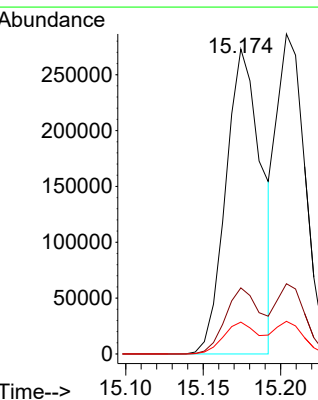
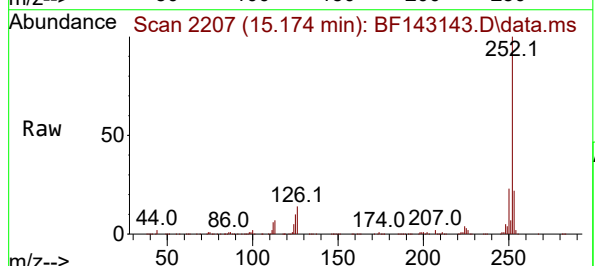
Tgt Ion:252 Resp: 435747

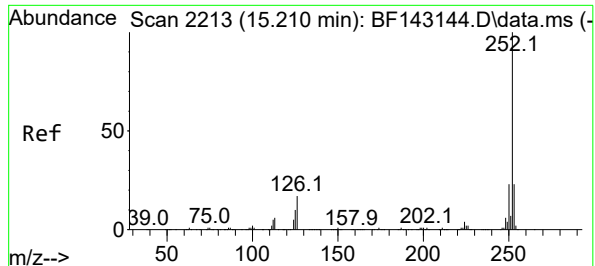
Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 10.4 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 20.044 ng

RT: 15.204 min Scan# 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

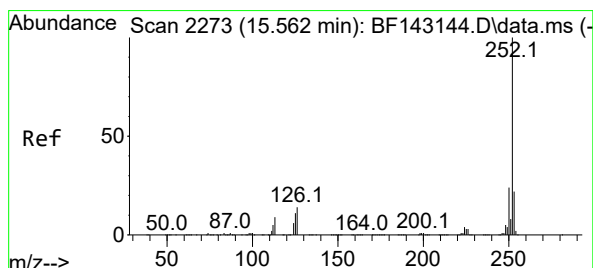
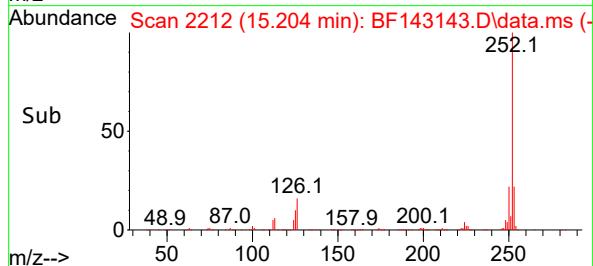
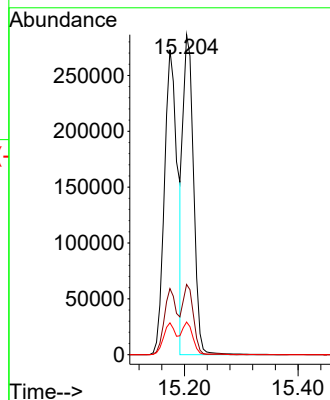
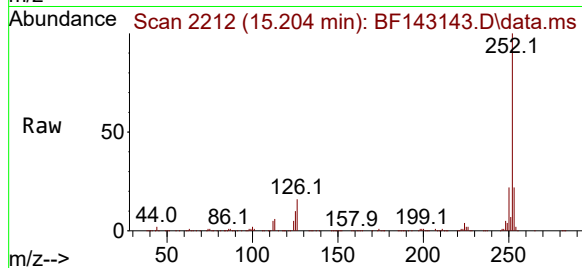
125 10.2 8.1 12.1

Manual Integrations

APPROVED

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

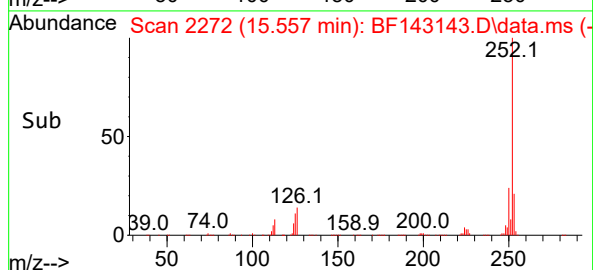
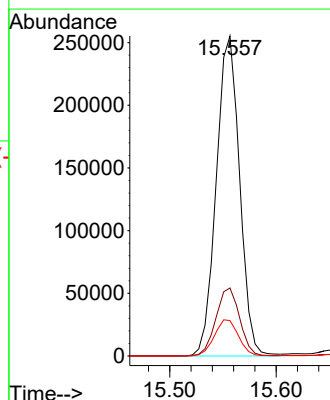
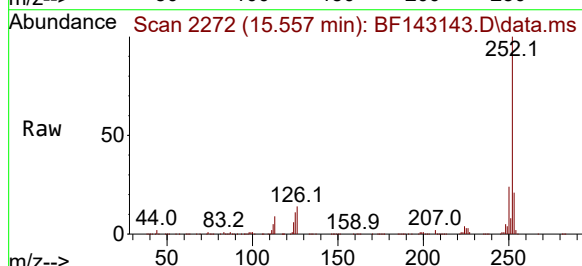
Tgt Ion:252 Resp: 388136

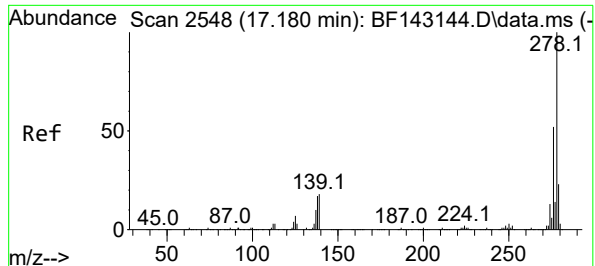
Ion Ratio Lower Upper

252 100

253 21.2 17.3 25.9

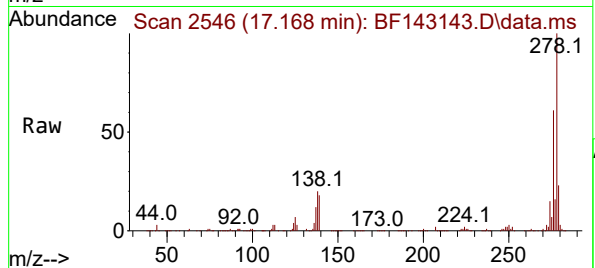
125 11.0 8.6 13.0





#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

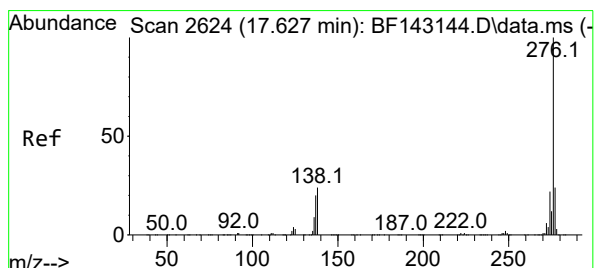
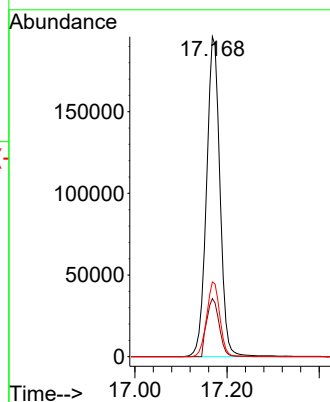
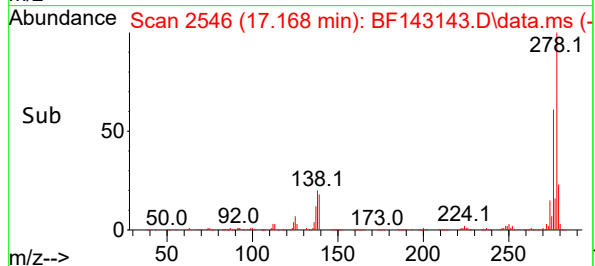
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



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

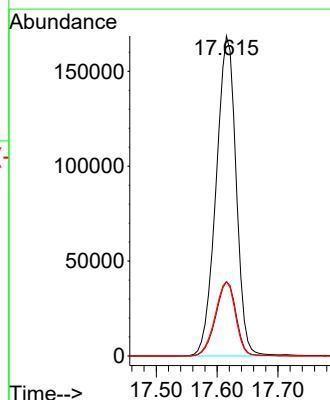
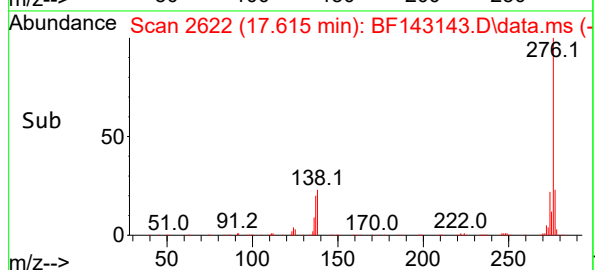
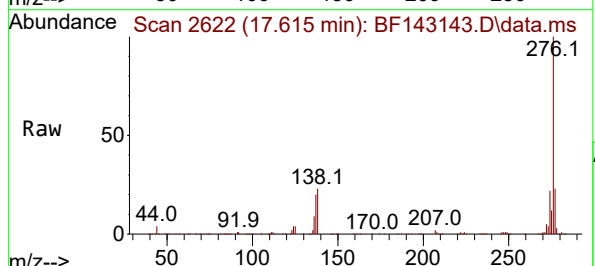
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Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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
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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

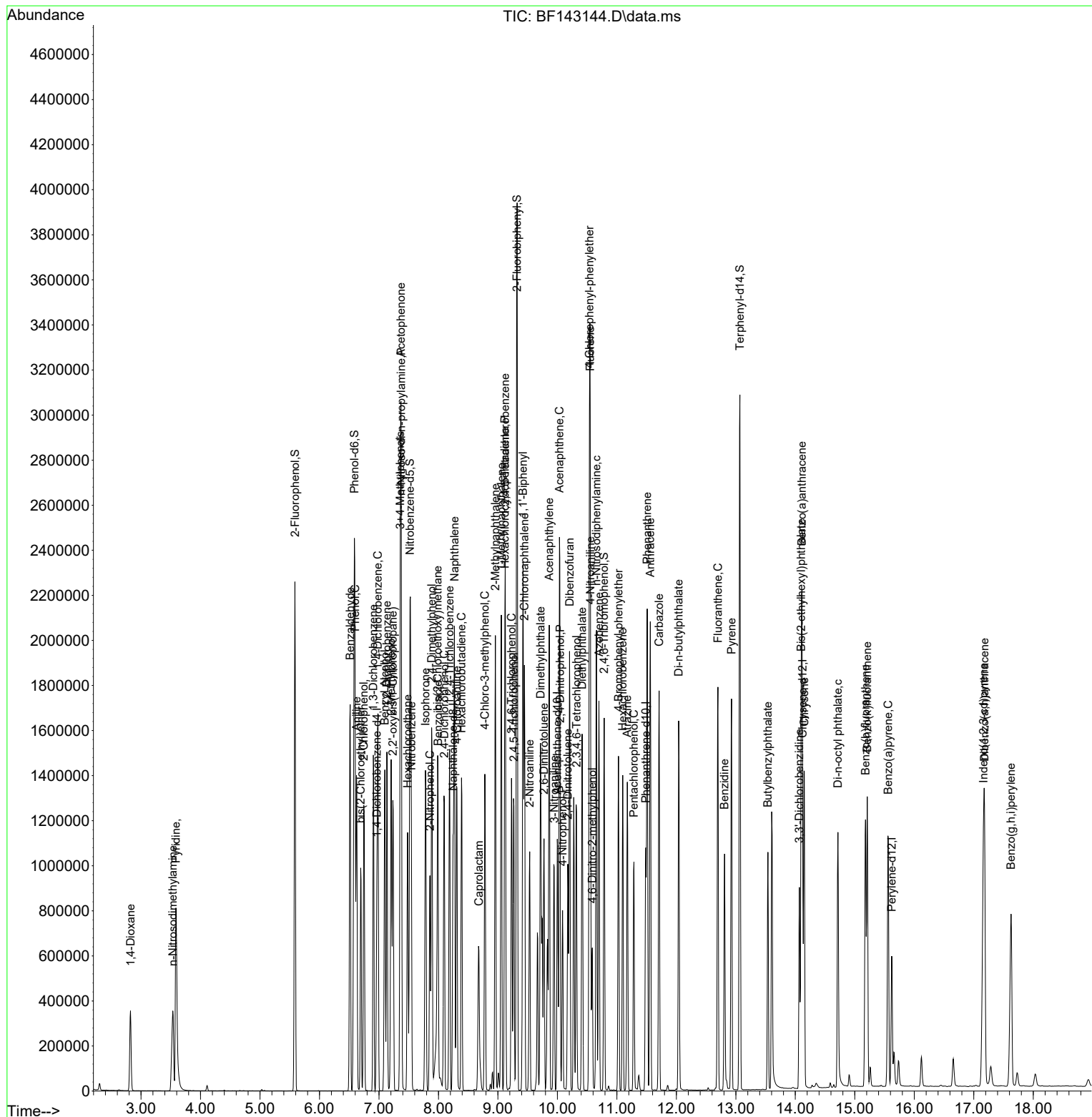
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Data File : BF143144.D  
Acq On    : 17 Jul 2025 13:03  
Operator  : RC/JU  
Sample    : SSTDICCC040  
Misc      :  
ALS Vial  : 7    Sample Multiplier: 1
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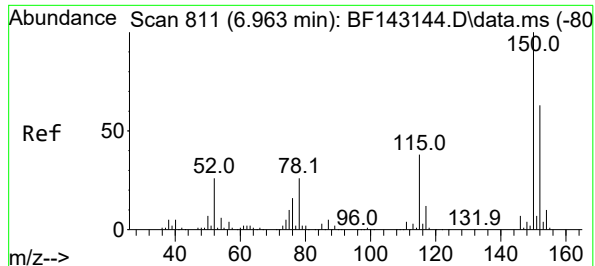
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

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

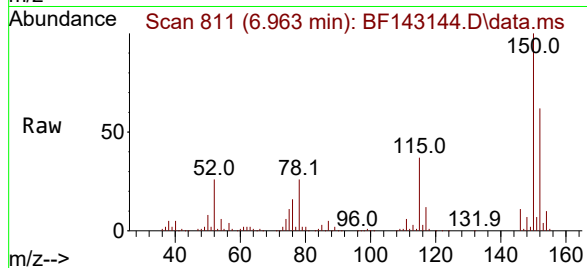
Quant Time: Jul 17 15:03:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration





#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

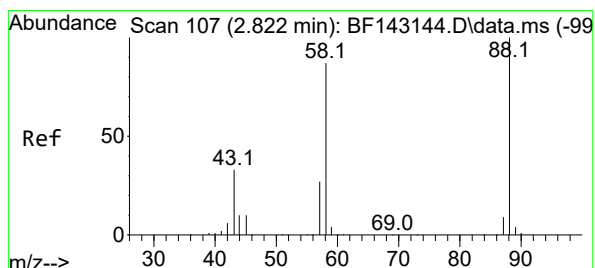
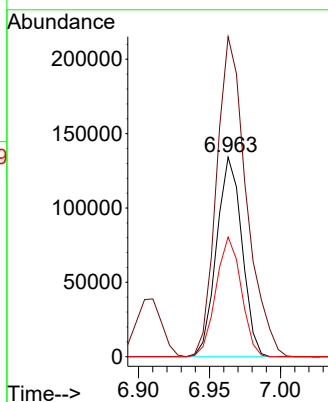
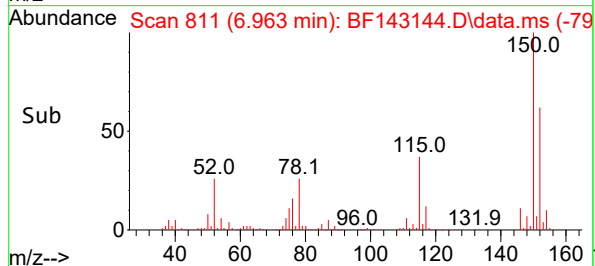
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



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

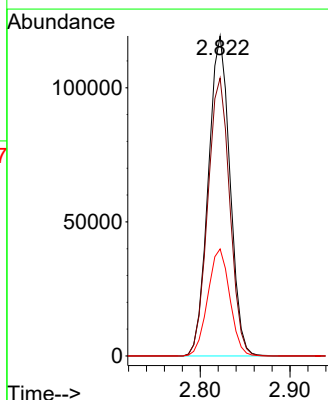
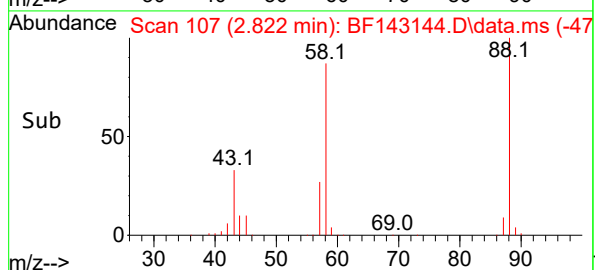
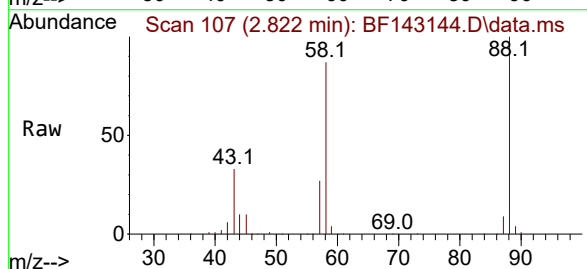
Manual Integrations
APPROVED

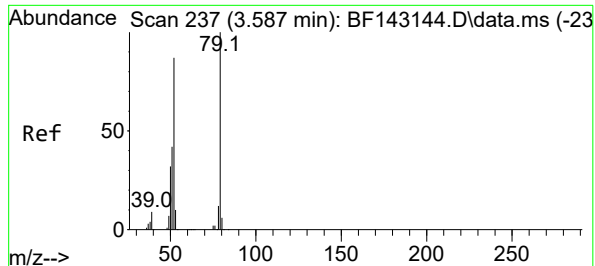
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

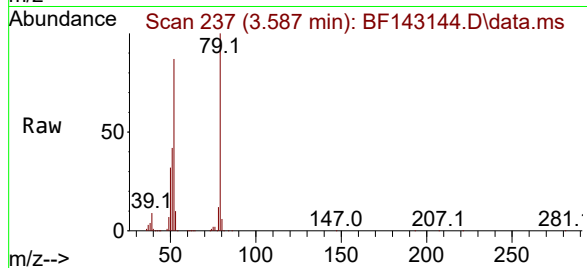
Tgt Ion: 88 Resp: 200396
Ion Ratio Lower Upper
88 100
58 87.7 70.2 105.2
43 33.9 27.1 40.7





#3
Pyridine
Concen: 39.435 ng
RT: 3.587 min Scan# 237
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

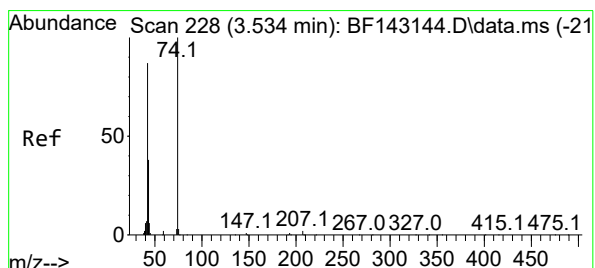
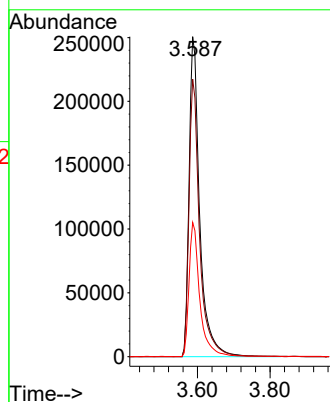
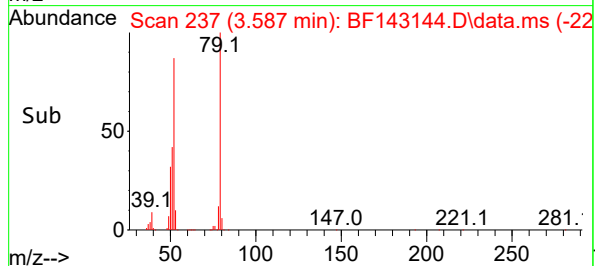
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



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

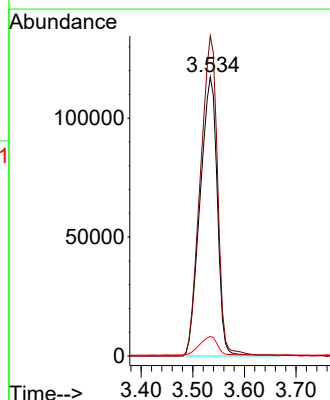
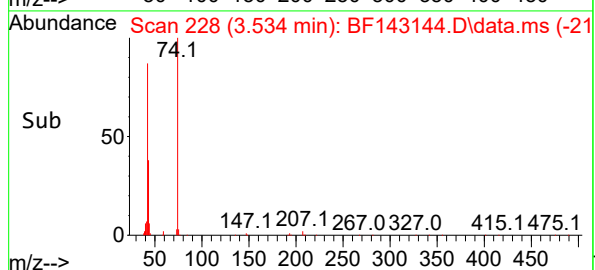
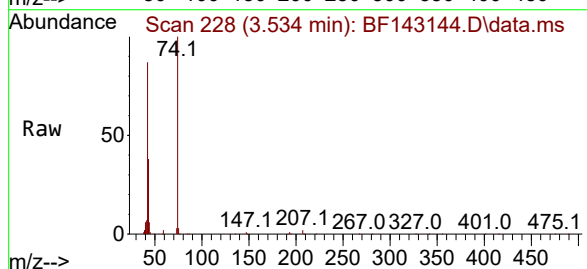
Manual Integrations
APPROVED

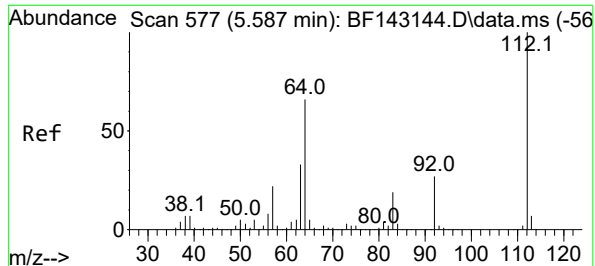
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



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

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





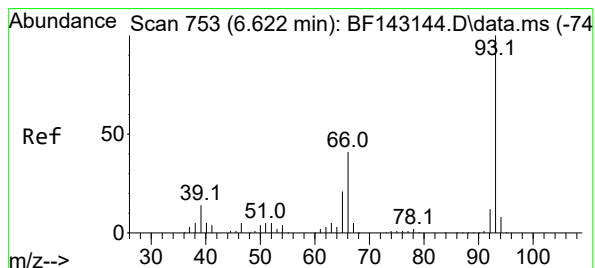
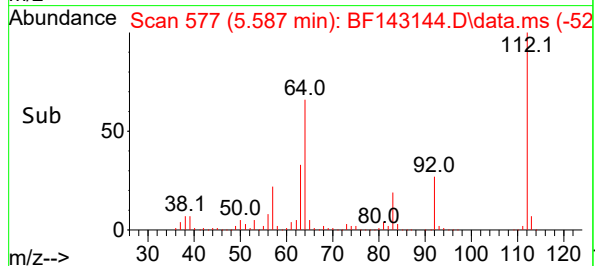
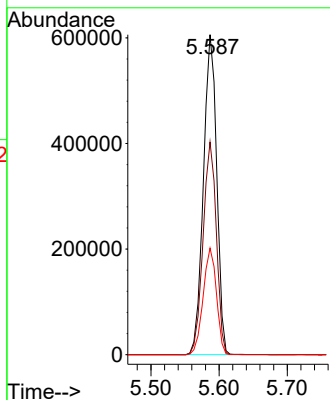
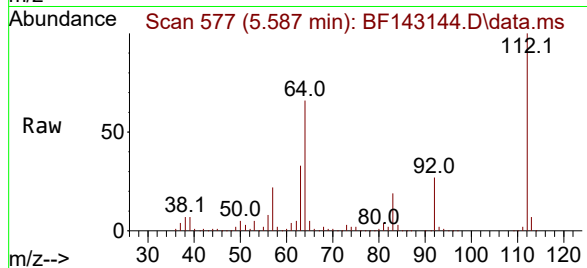
#5
2-Fluorophenol
Concen: 77.946 ng
RT: 5.587 min Scan# 511
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

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

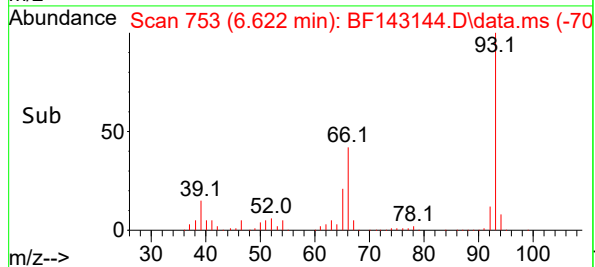
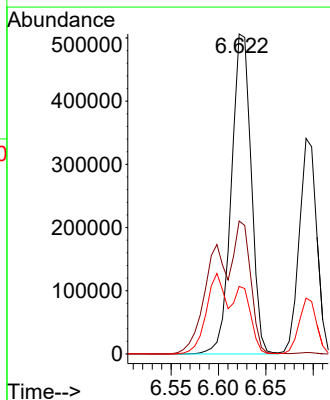
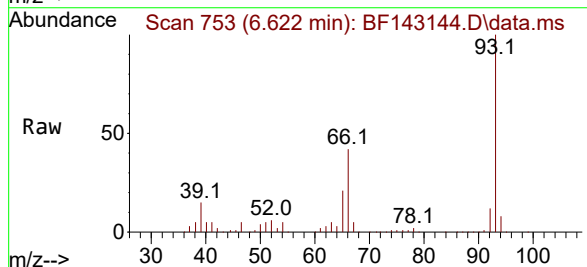
Manual Integrations
APPROVED

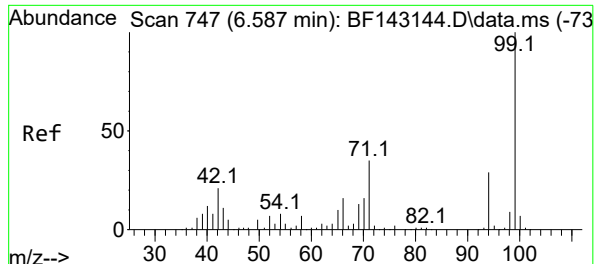
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

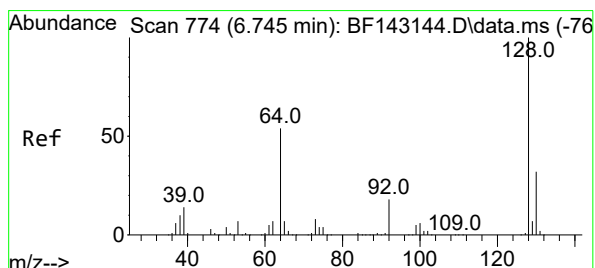
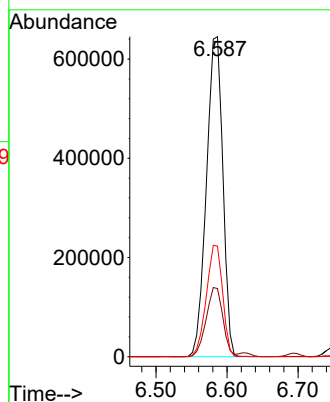
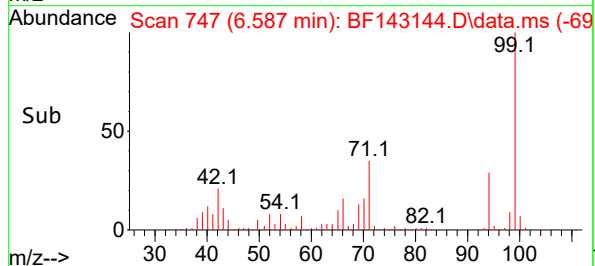
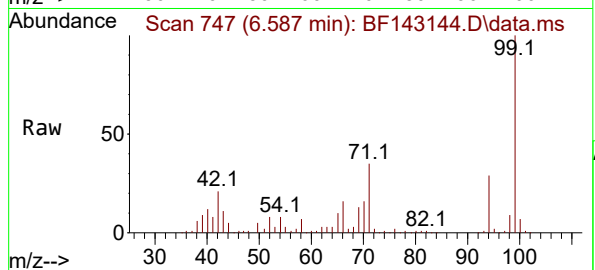
71 34.6 27.7 41.5

Manual Integrations

APPROVED

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

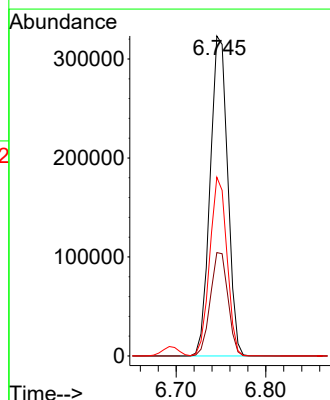
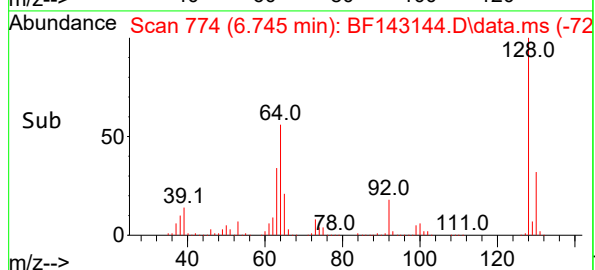
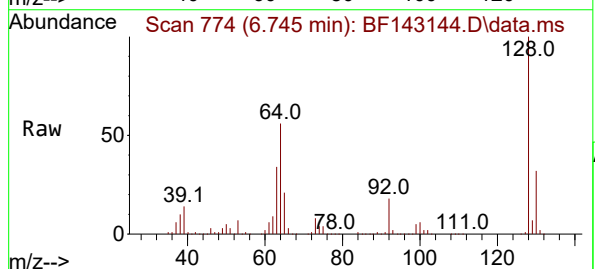
Tgt Ion:128 Resp: 437914

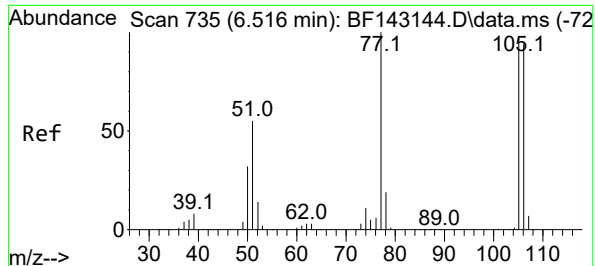
Ion Ratio Lower Upper

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

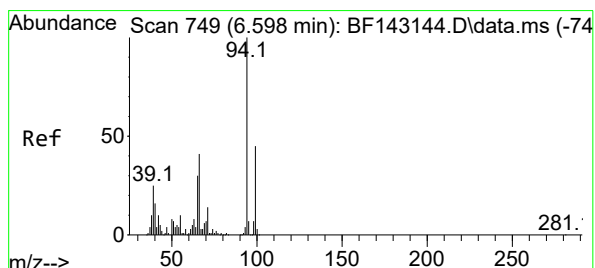
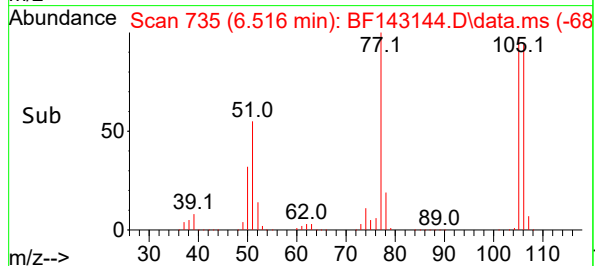
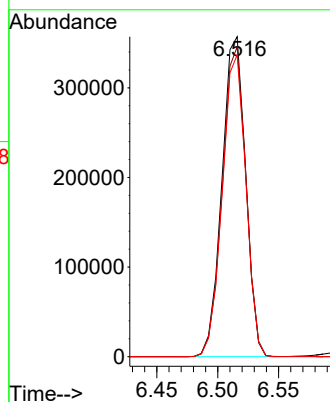
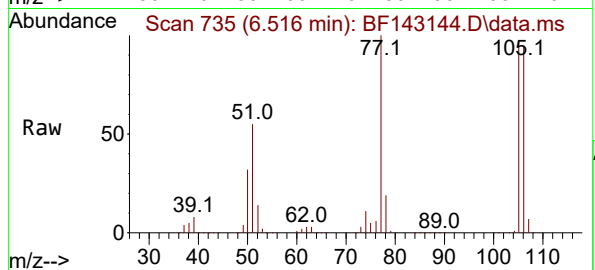
106 94.4 74.4 114.4

Manual Integrations

APPROVED

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

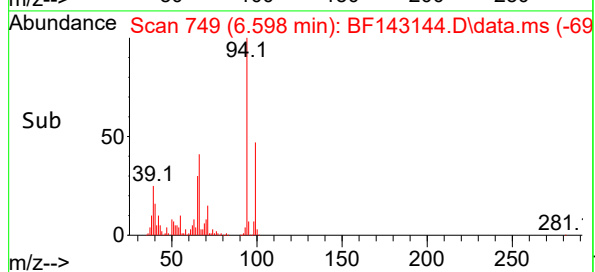
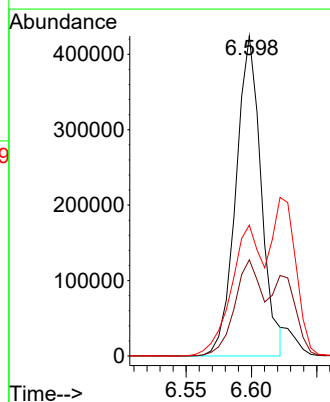
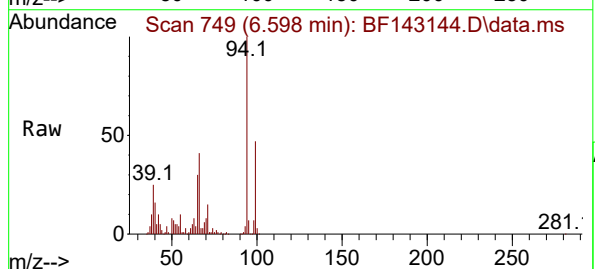
Tgt Ion: 94 Resp: 571741

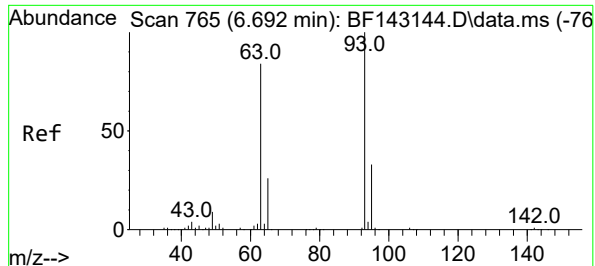
Ion Ratio Lower Upper

94 100

65 30.0 10.0 50.0

66 40.8 20.8 60.8





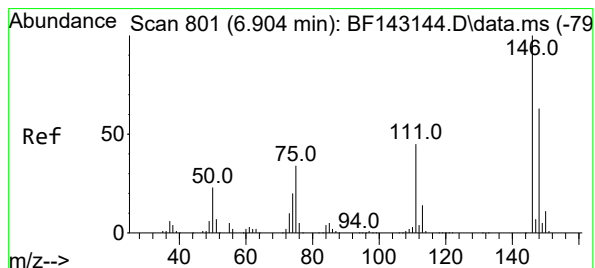
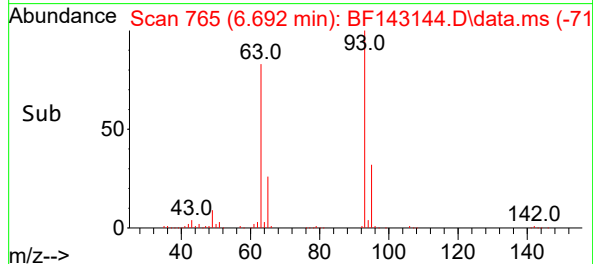
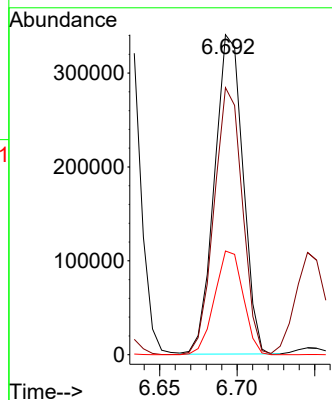
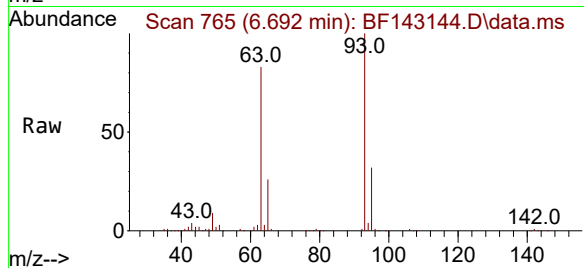
#11
bis(2-Chloroethyl)ether
Concen: 39.279 ng
RT: 6.692 min Scan# 765
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

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

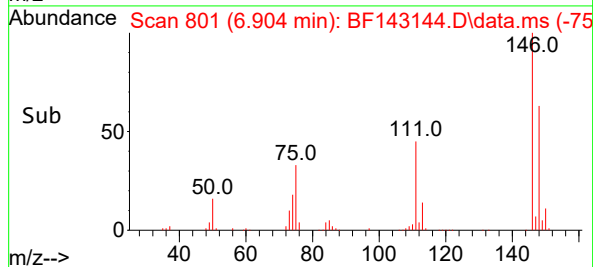
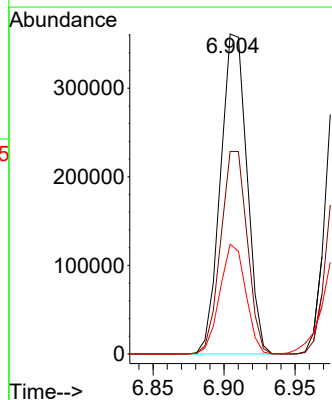
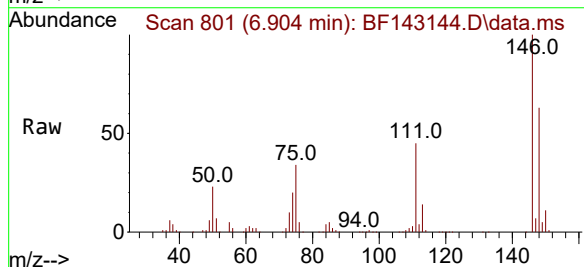
Manual Integrations
APPROVED

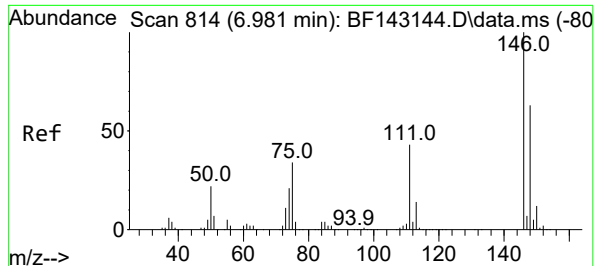
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

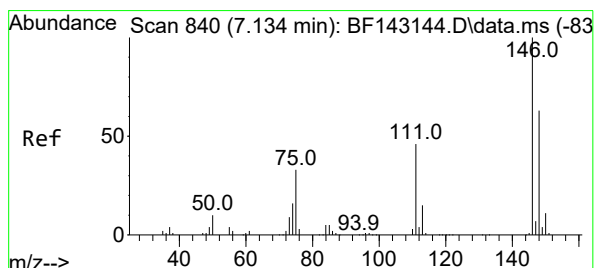
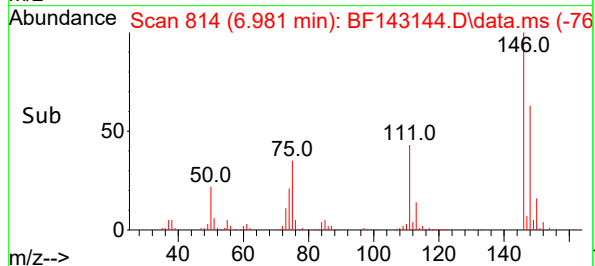
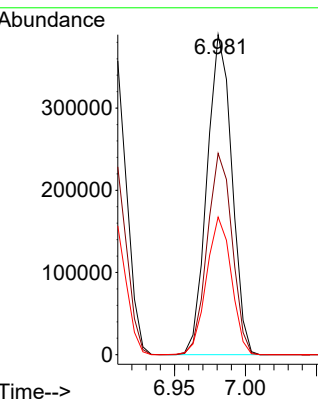
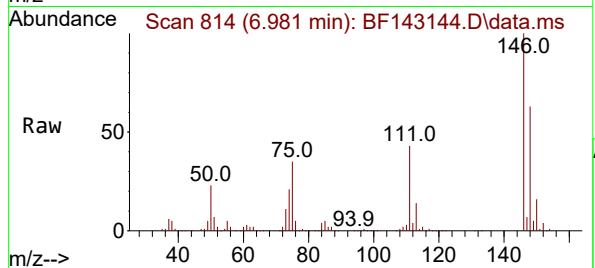
111 43.0 34.4 51.6

Manual Integrations

APPROVED

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

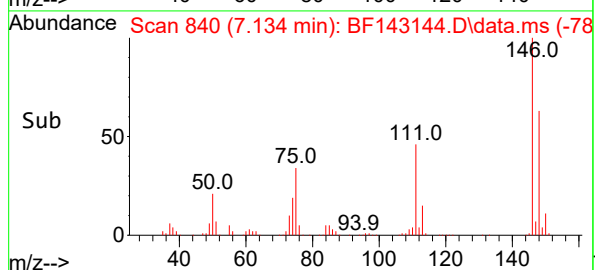
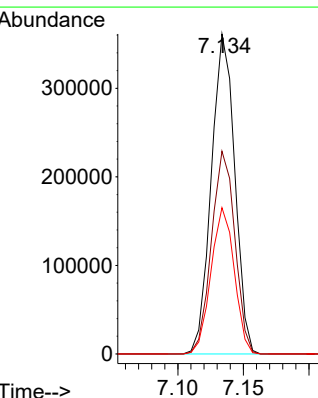
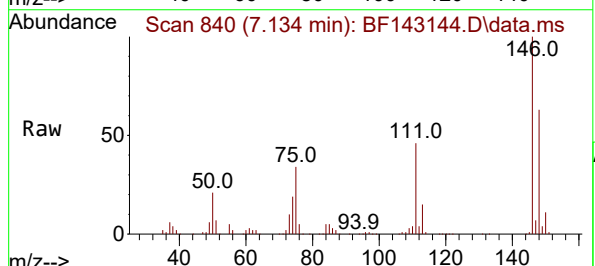
Tgt Ion:146 Resp: 448808

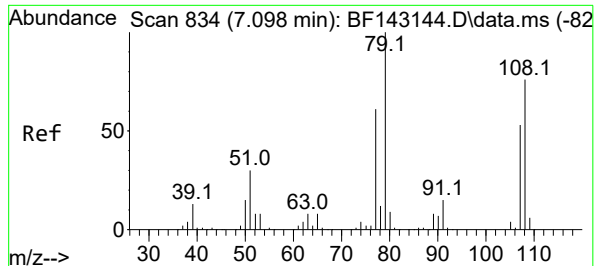
Ion Ratio Lower Upper

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

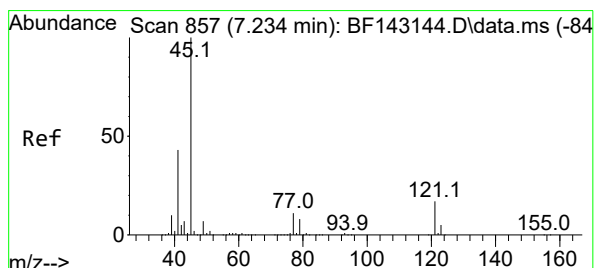
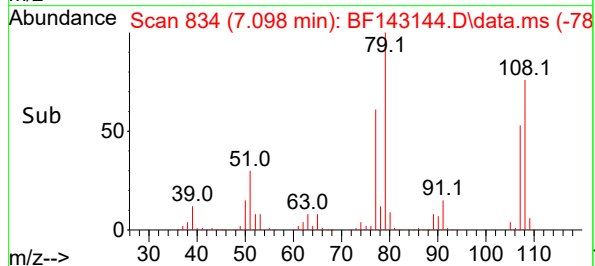
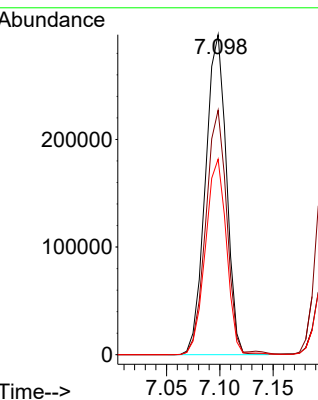
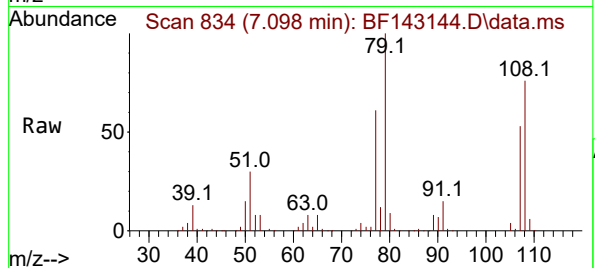
77 61.1 48.9 73.3

Manual Integrations

APPROVED

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

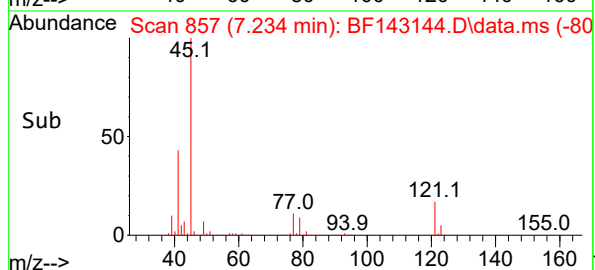
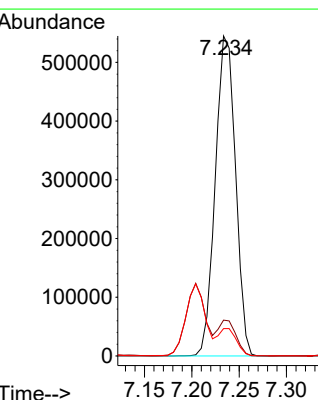
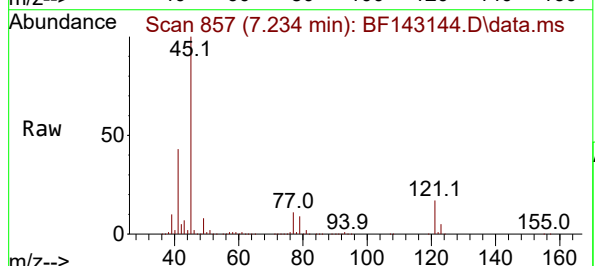
Tgt Ion: 45 Resp: 808980

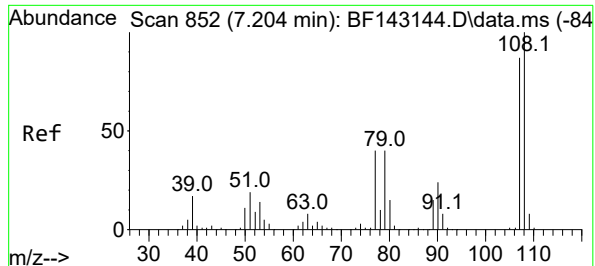
Ion Ratio Lower Upper

45 100

77 11.2 0.0 31.2

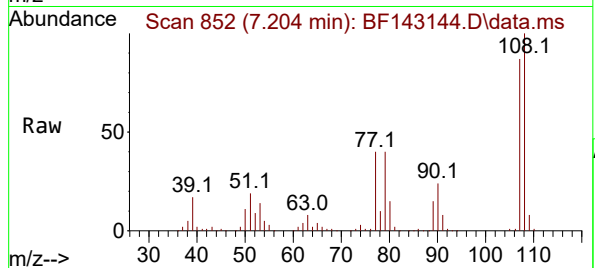
79 8.5 0.0 28.5





#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

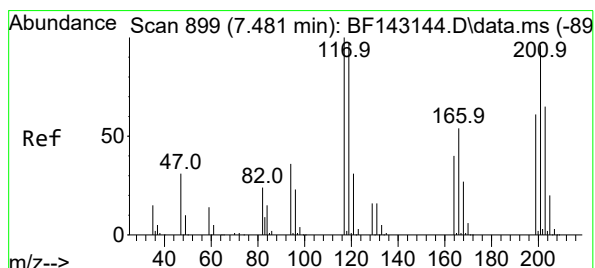
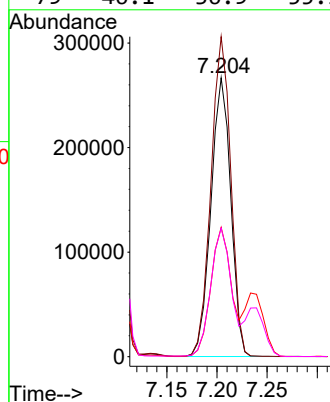
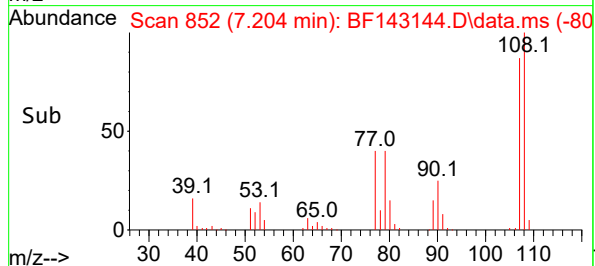
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



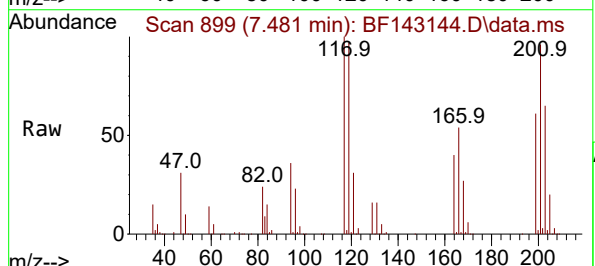
Tgt Ion:107 Resp: 366495
Ion Ratio Lower Upper
107 100
108 114.7 91.8 137.6
77 46.3 37.0 55.6
79 46.1 36.9 55.3

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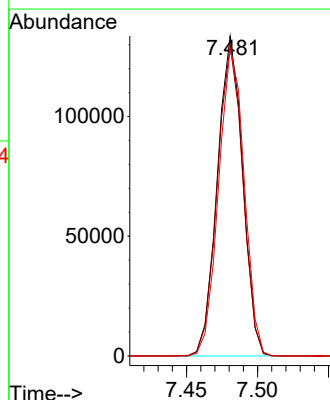
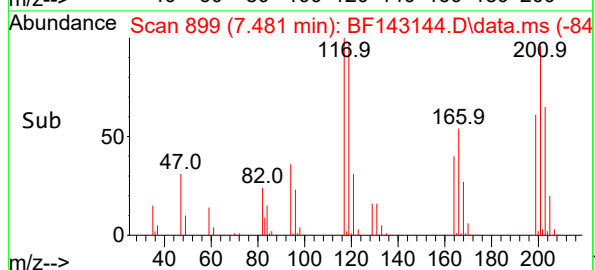
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

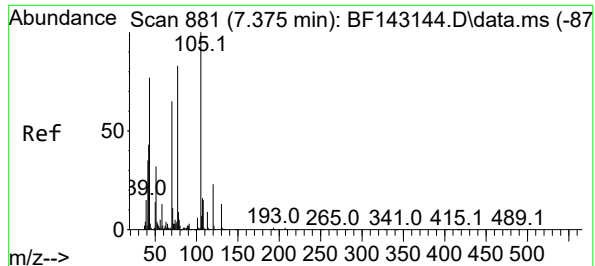


#18
Hexachloroethane
Concen: 39.425 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03



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

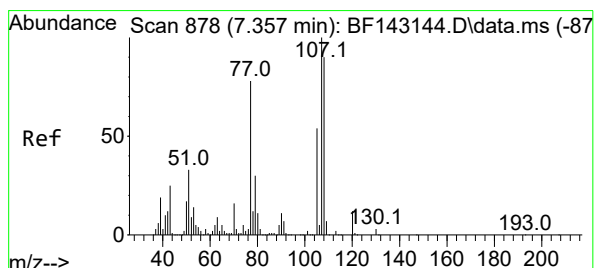
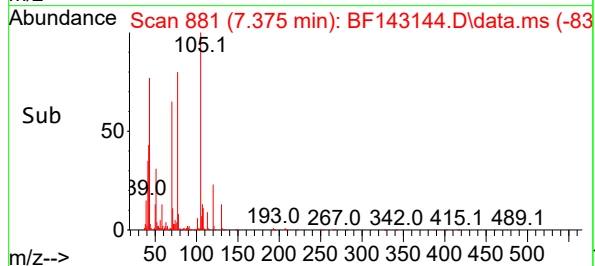
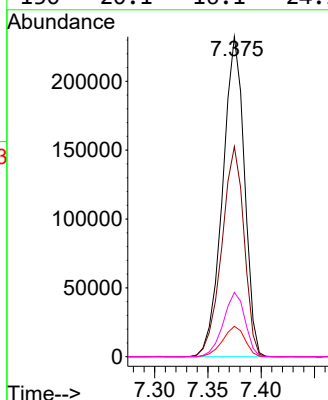
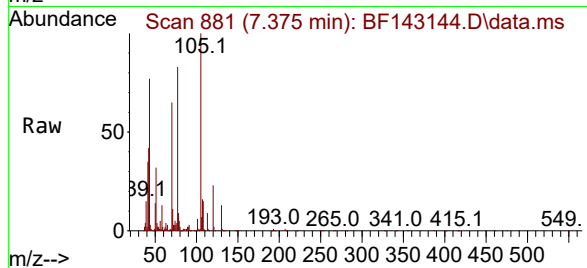
130 20.1 16.1 24.1

Manual Integrations

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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

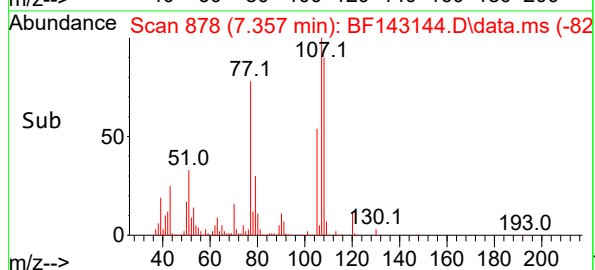
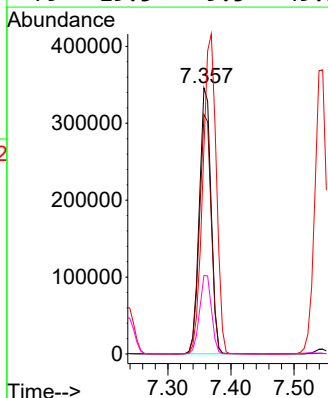
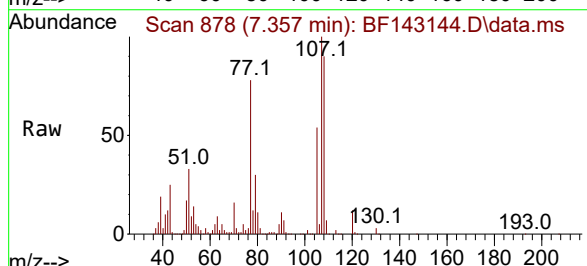
Ion Ratio Lower Upper

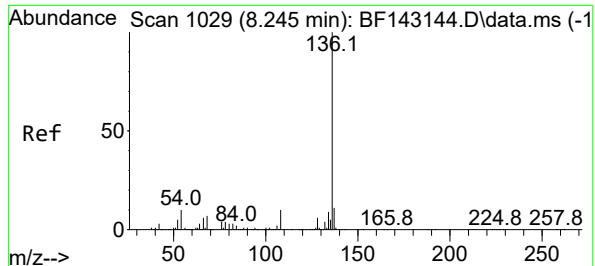
107 100

108 90.0 70.0 110.0

77 77.8 57.8 97.8

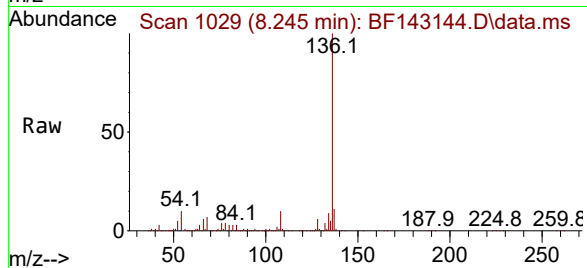
79 29.5 9.5 49.5





#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

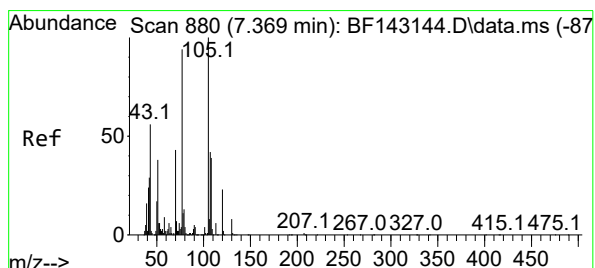
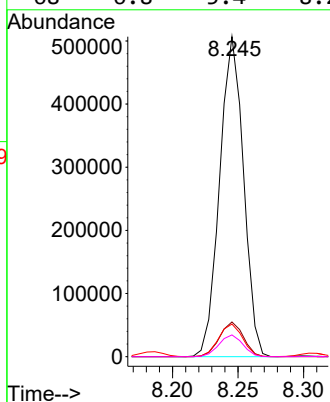
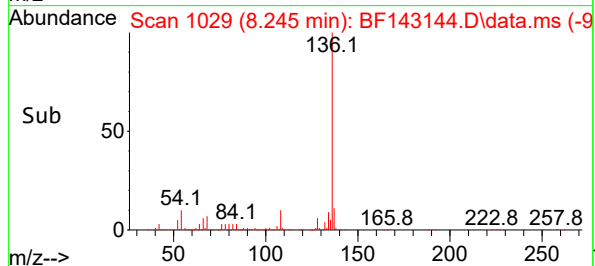
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



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

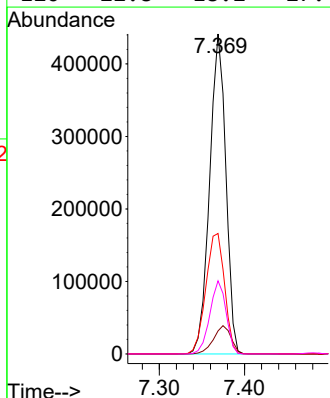
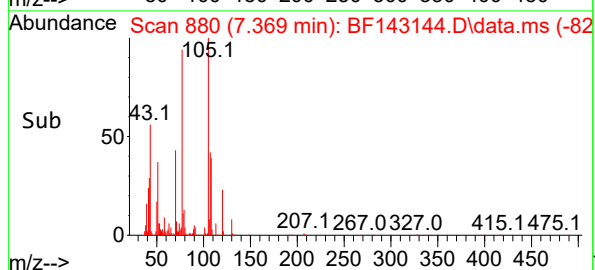
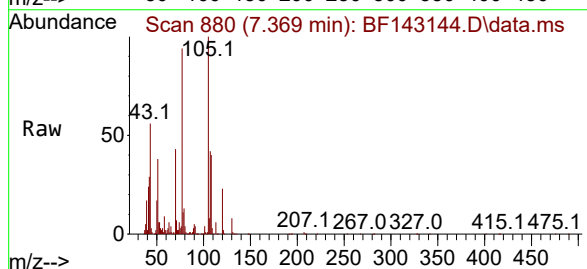
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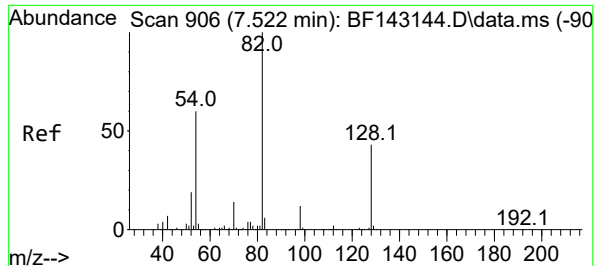
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

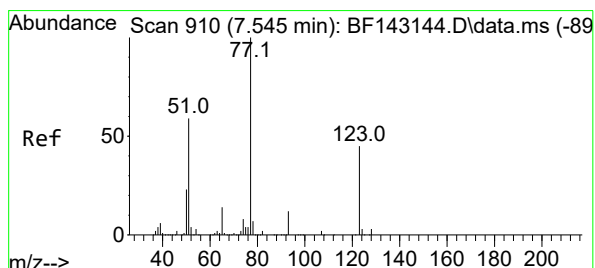
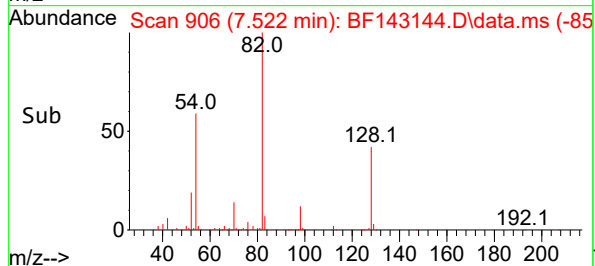
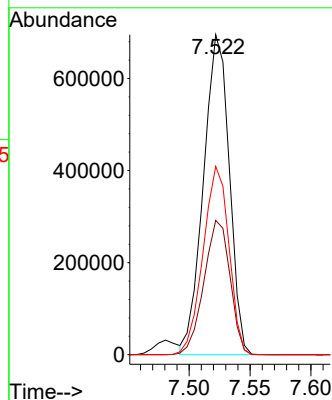
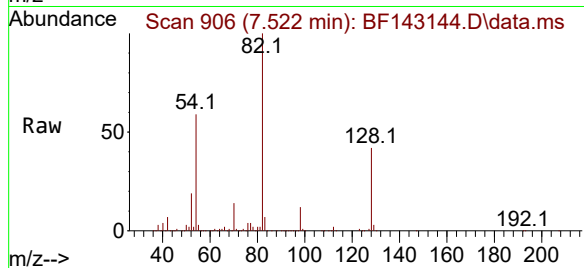
54 58.9 47.1 70.7

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

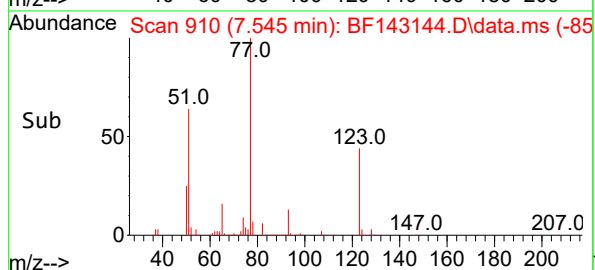
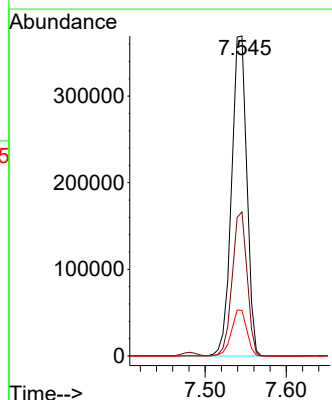
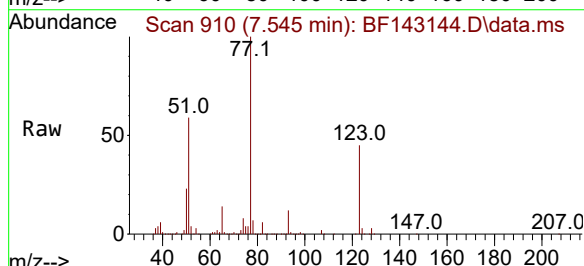
Tgt Ion: 77 Resp: 481500

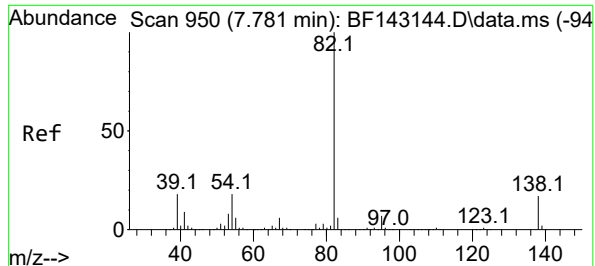
Ion Ratio Lower Upper

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

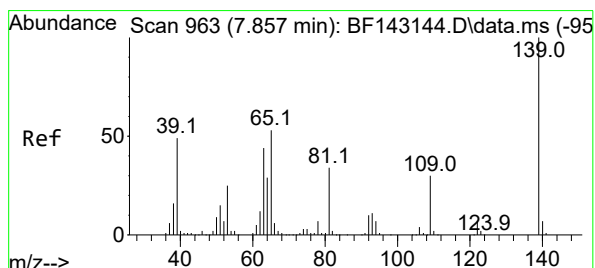
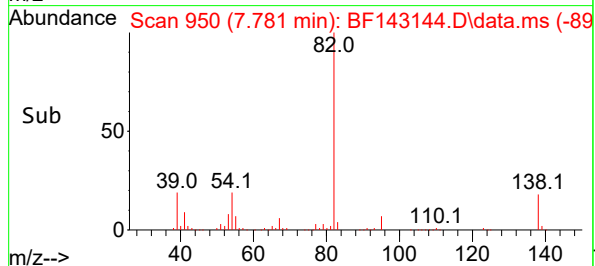
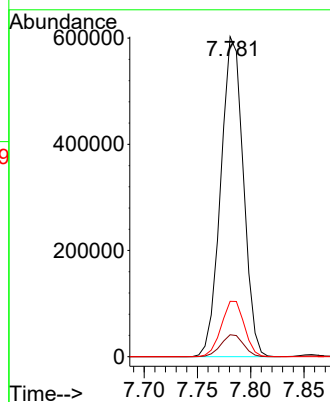
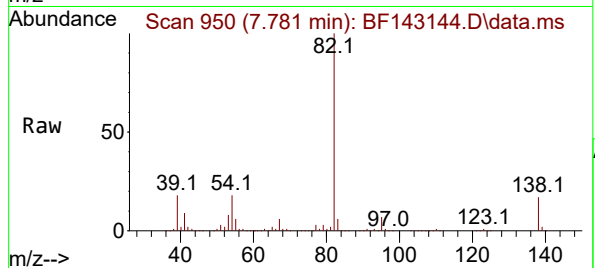
Instrument :

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

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

#26

2-Nitrophenol

Concen: 42.323 ng

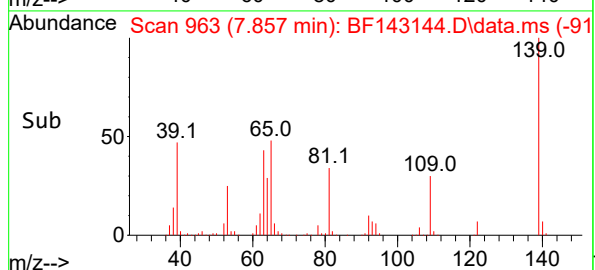
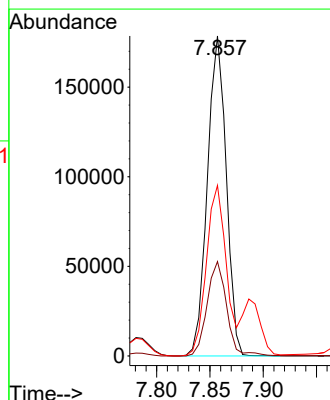
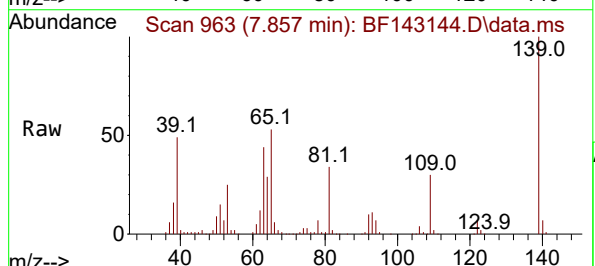
RT: 7.857 min Scan# 963

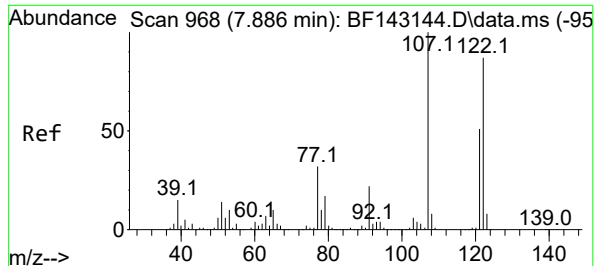
Delta R.T. 0.000 min

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# 90

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

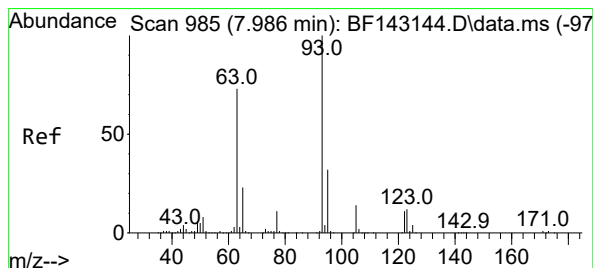
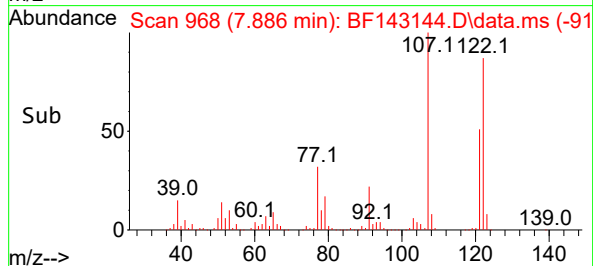
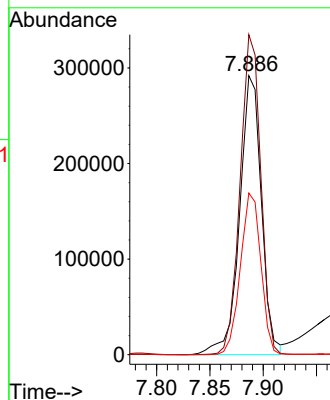
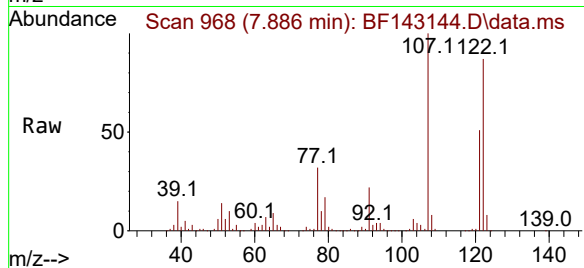
121 57.9 46.3 69.5

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

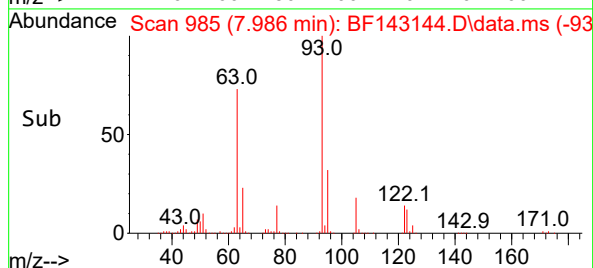
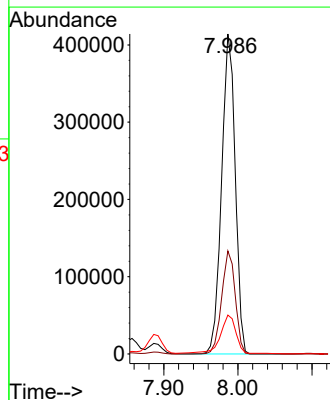
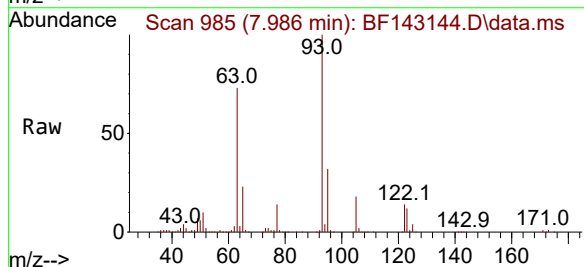
Tgt Ion: 93 Resp: 529258

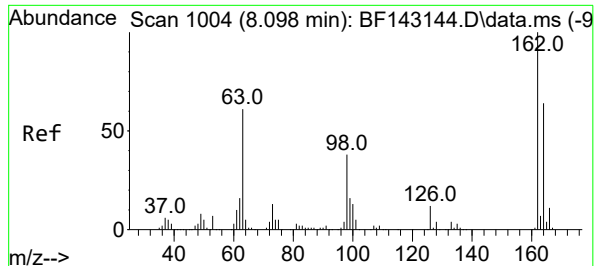
Ion Ratio Lower Upper

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

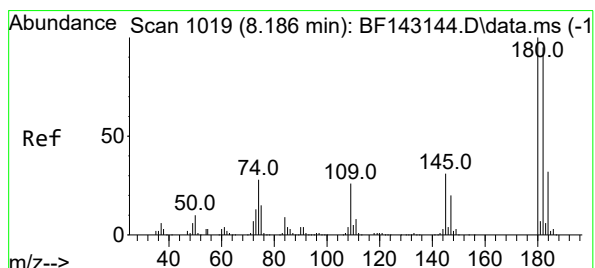
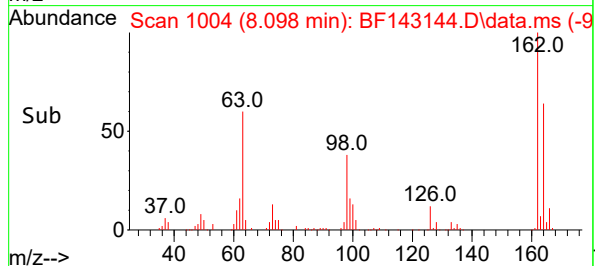
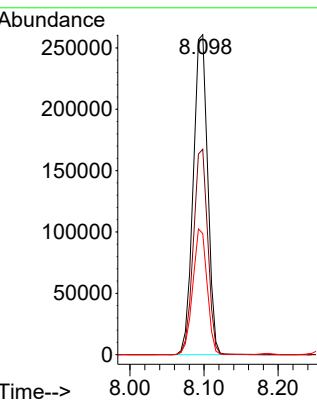
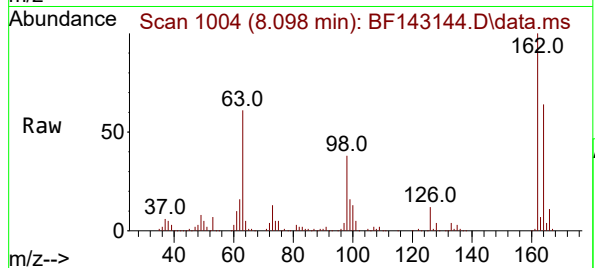
98 37.9 17.9 57.9

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

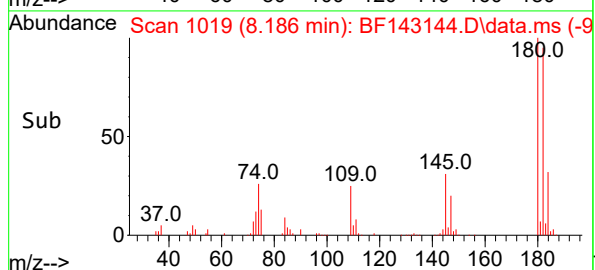
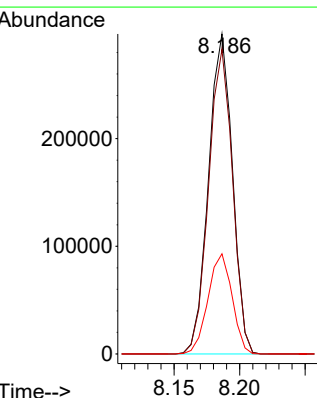
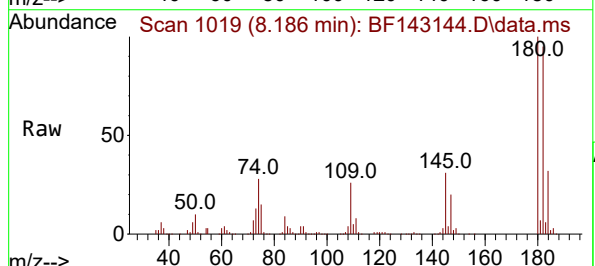
Tgt Ion:180 Resp: 376590

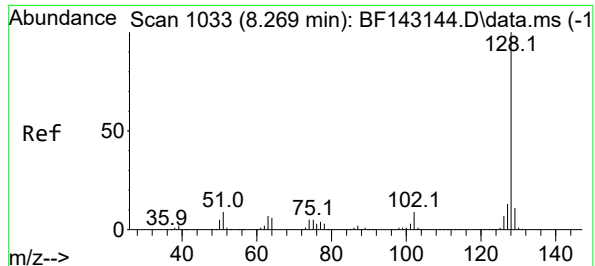
Ion Ratio Lower Upper

180 100

182 95.2 76.2 114.2

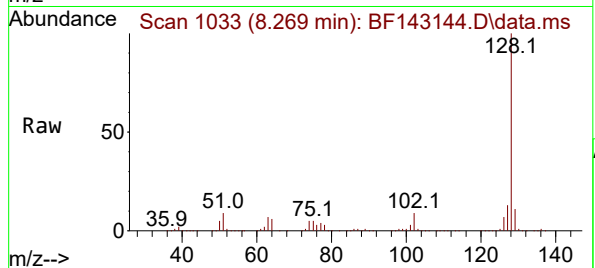
145 31.3 25.0 37.6





#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

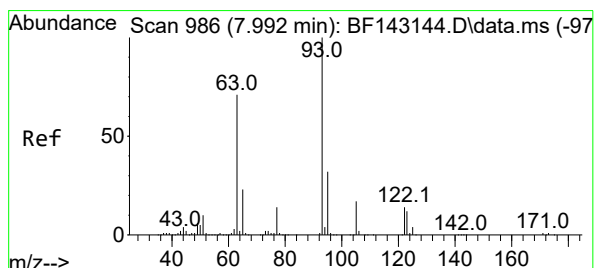
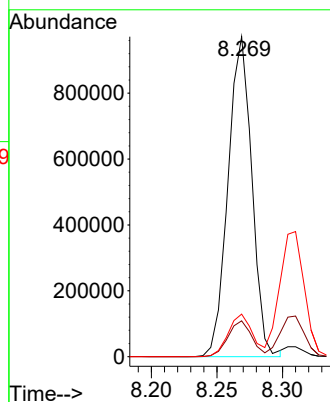
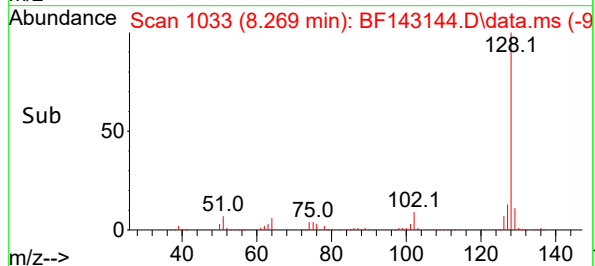
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:128 Resp: 122403
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 13.3 10.6 16.0

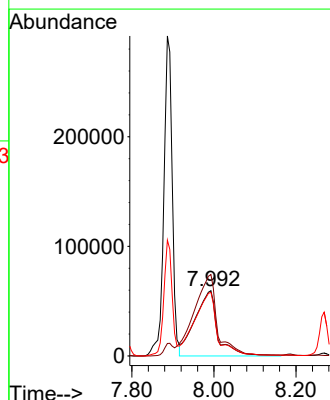
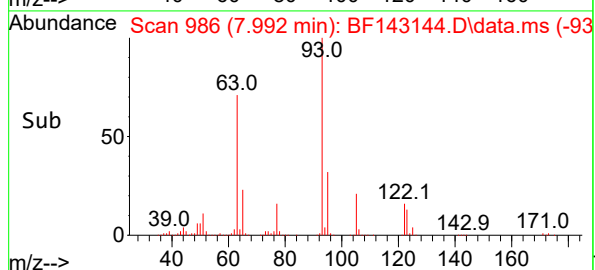
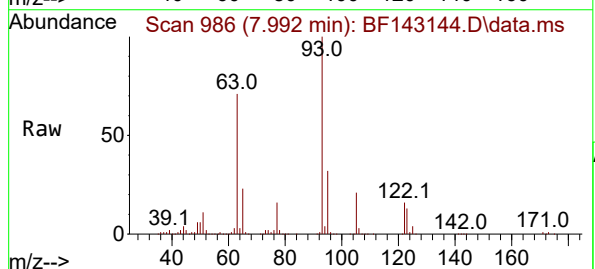
Manual Integrations
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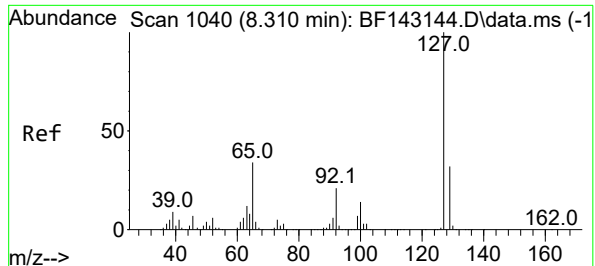
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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





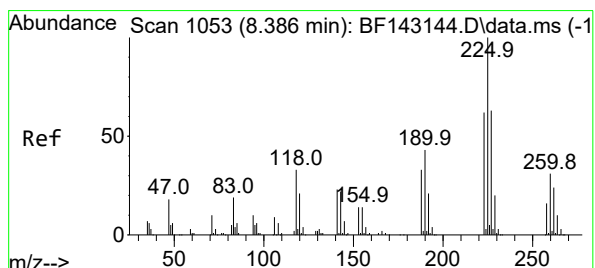
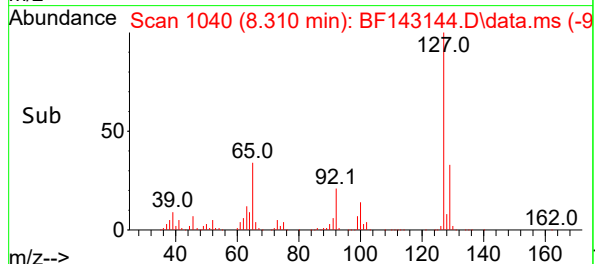
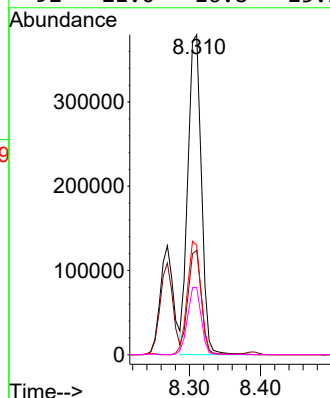
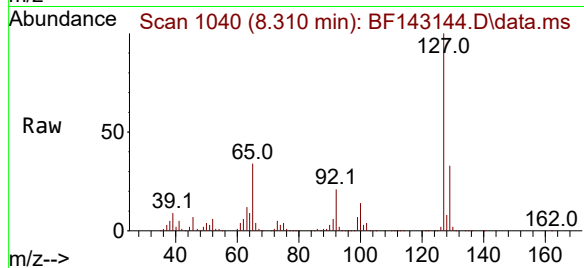
#33
4-Chloroaniline
Concen: 38.796 ng
RT: 8.310 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

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

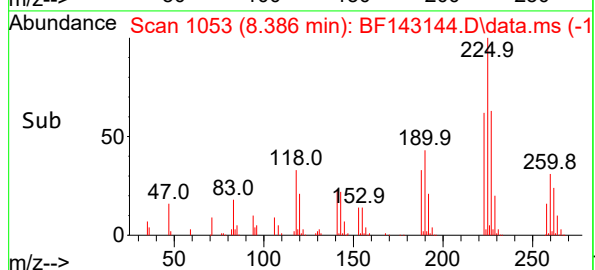
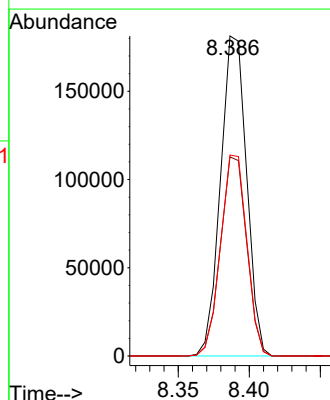
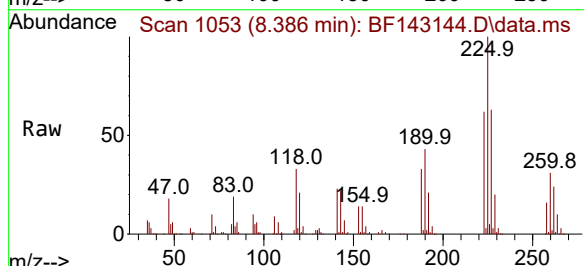
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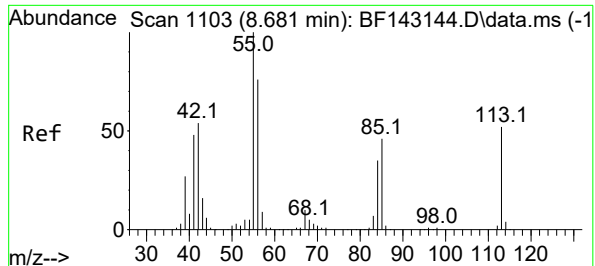
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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





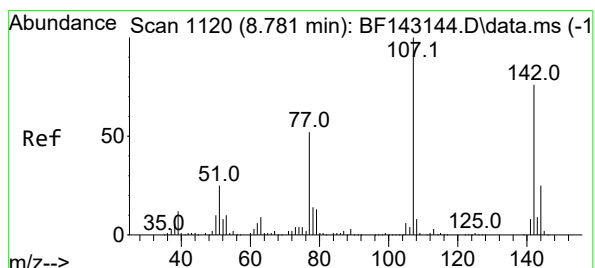
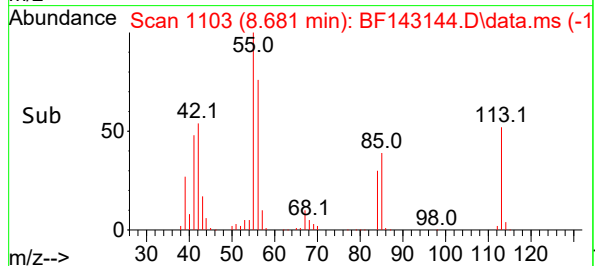
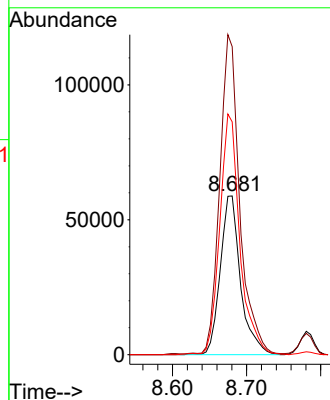
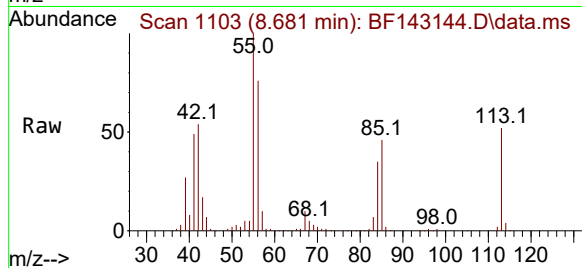
#35
Caprolactam
Concen: 41.312 ng
RT: 8.681 min Scan# 1103
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

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

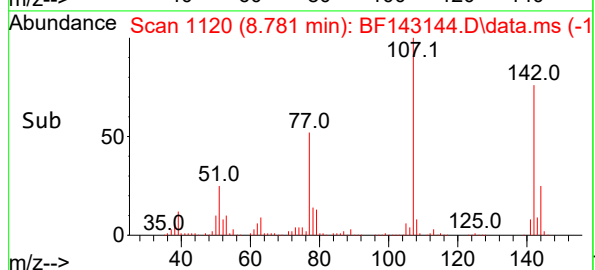
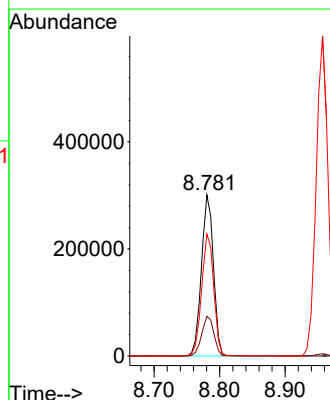
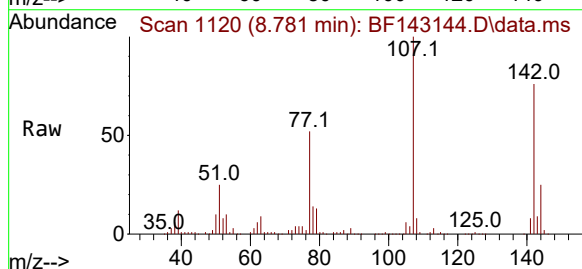
Manual Integrations
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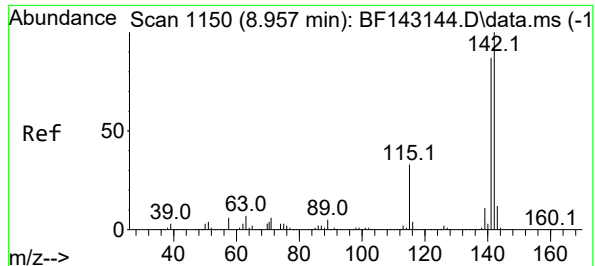
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

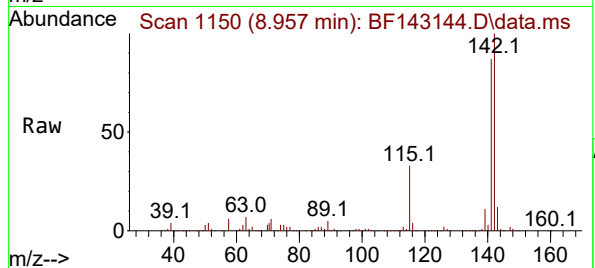
Tgt Ion:107 Resp: 385507
Ion Ratio Lower Upper
107 100
144 24.7 19.8 29.6
142 75.7 60.6 90.8





#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

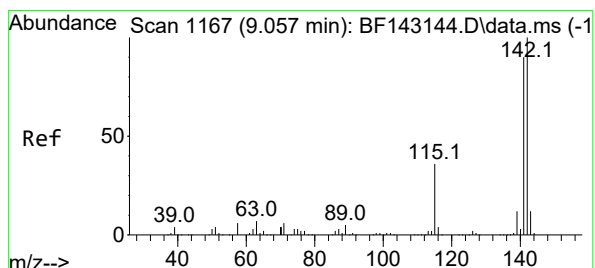
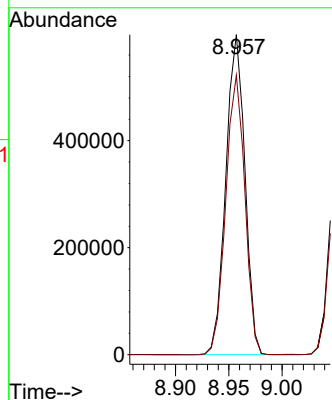
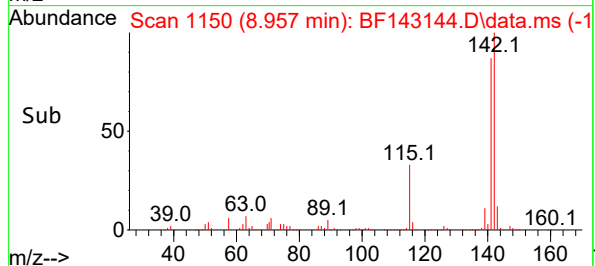
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



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

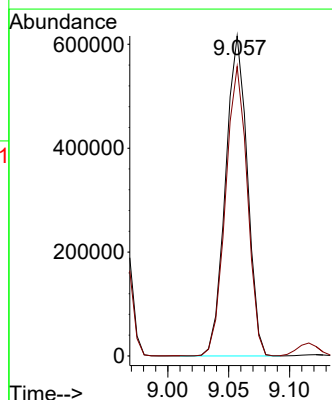
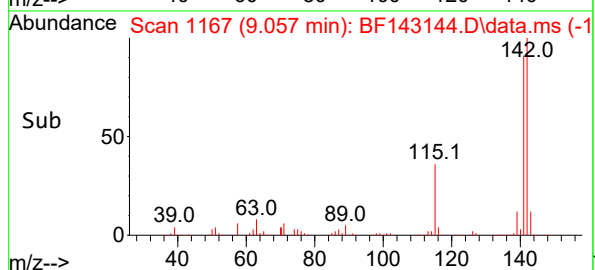
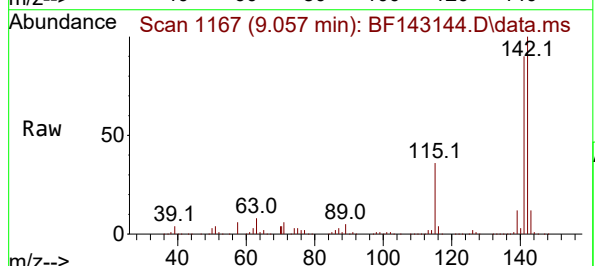
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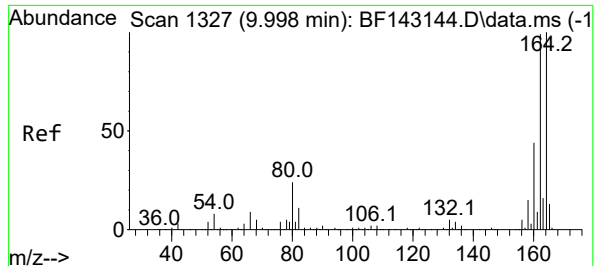
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

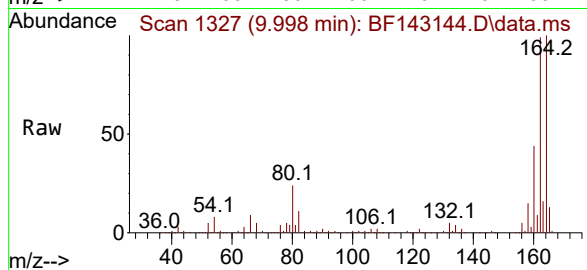
Acq: 17 Jul 2025 13:03

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



Tgt Ion:164 Resp: 33188

Ion Ratio Lower Upper

164 100

162 98.8 79.0 118.6

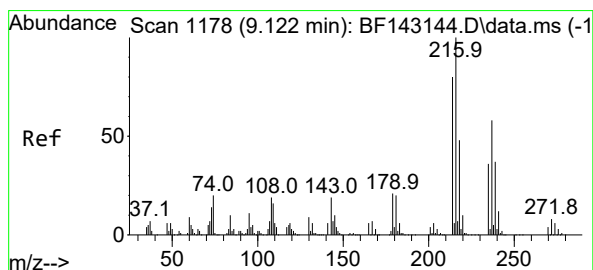
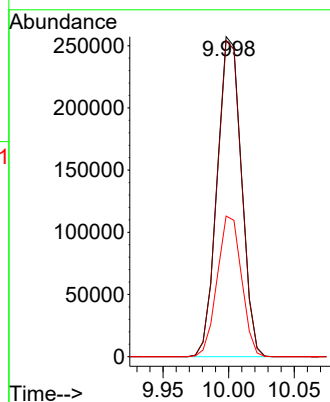
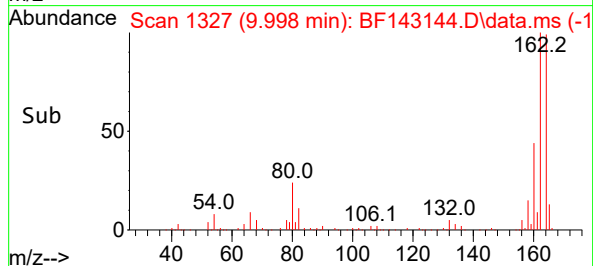
160 43.9 35.1 52.7

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

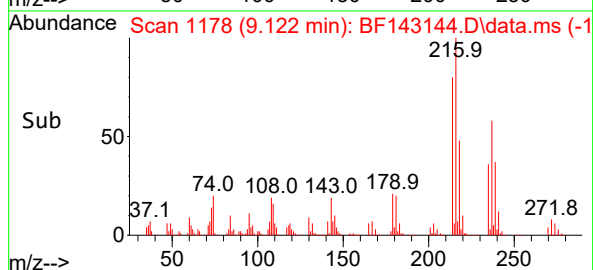
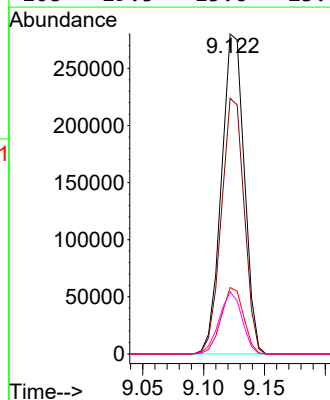
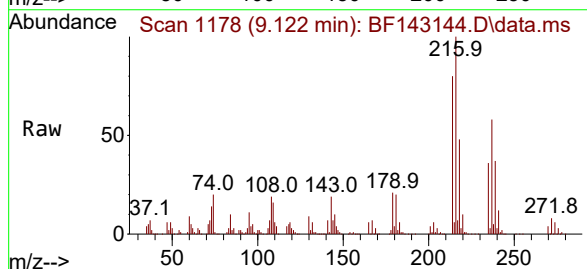
Ion Ratio Lower Upper

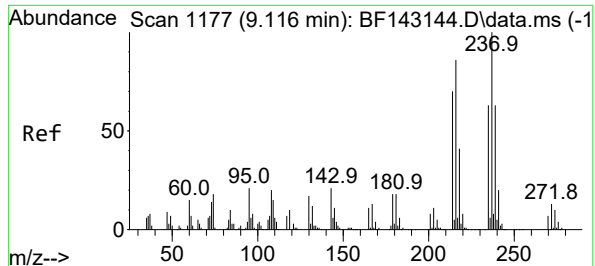
216 100

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

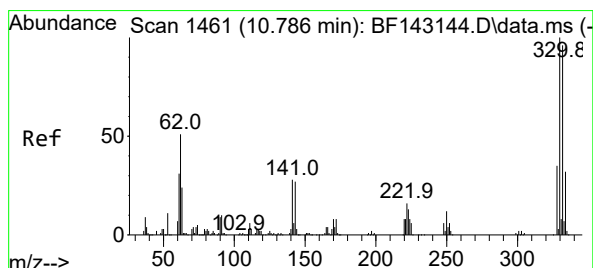
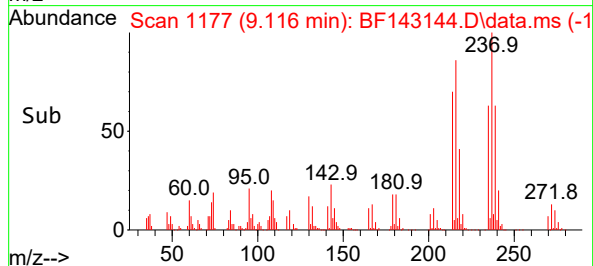
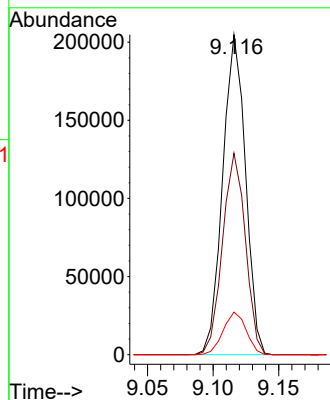
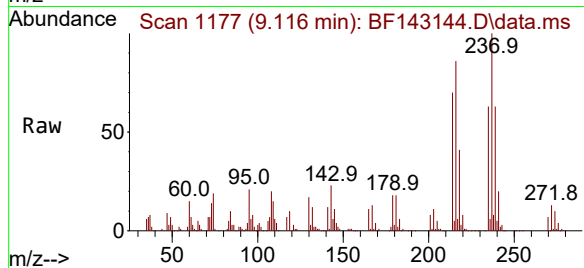
272 13.3 0.0 33.3

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

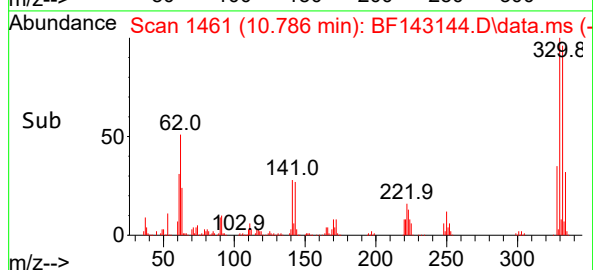
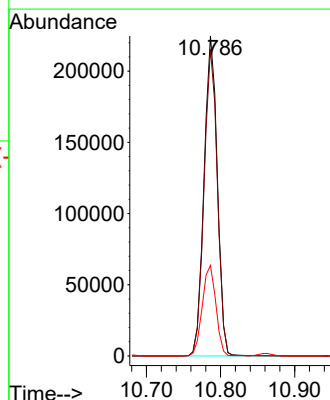
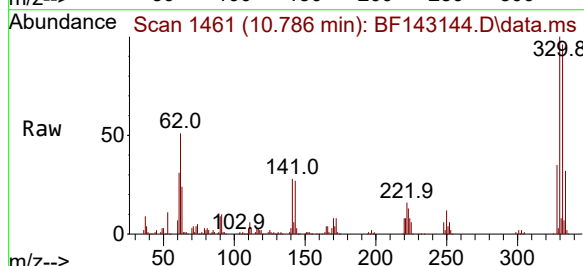
Tgt Ion:330 Resp: 279373

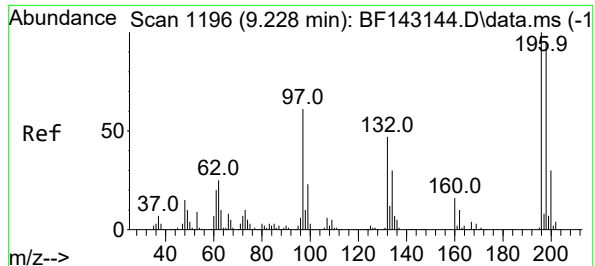
Ion Ratio Lower Upper

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

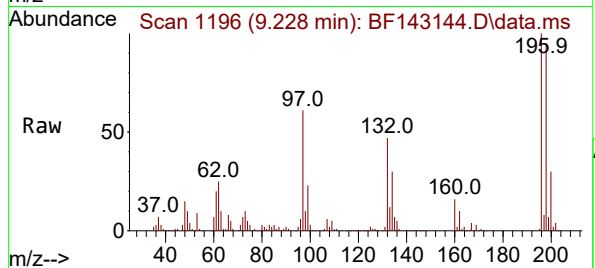
Acq: 17 Jul 2025 13:03

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



Tgt Ion:196 Resp: 25511

Ion Ratio Lower Upper

196 100

198 95.2 76.2 114.2

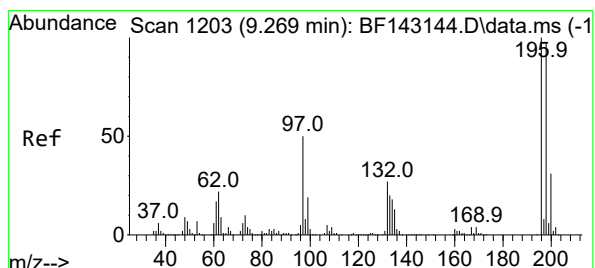
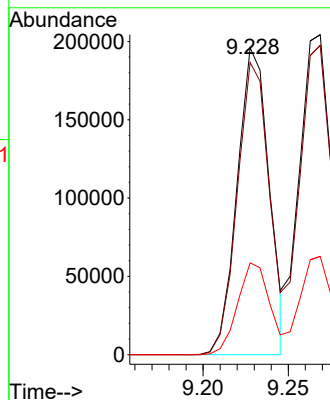
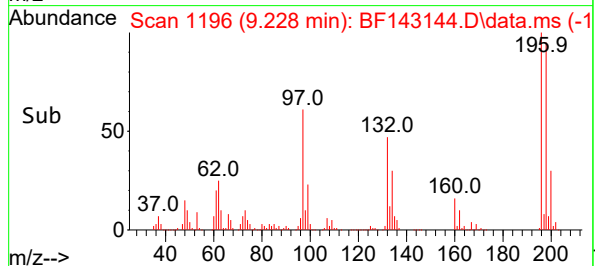
200 29.9 23.9 35.9

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#44

2,4,5-Trichlorophenol

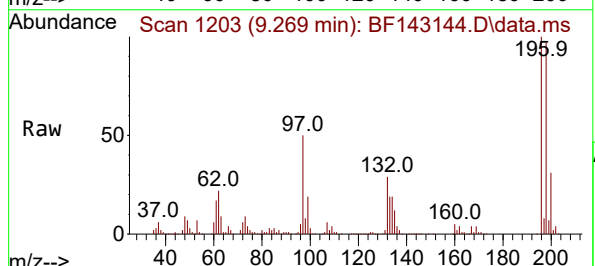
Concen: 40.494 ng

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

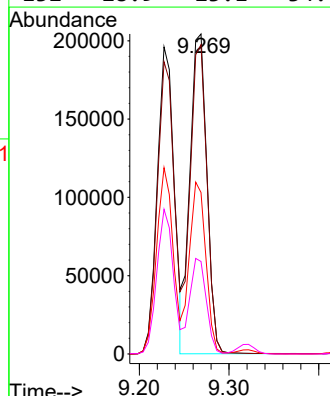
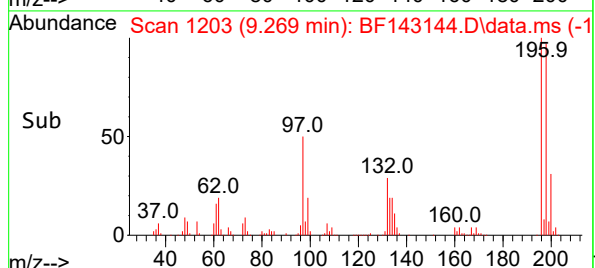
Ion Ratio Lower Upper

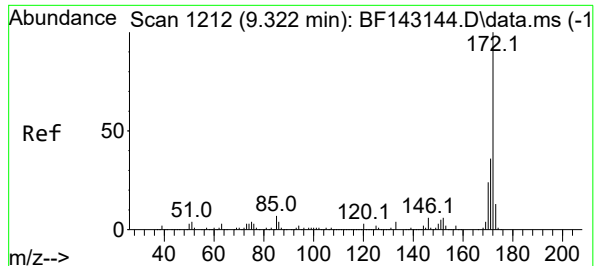
196 100

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

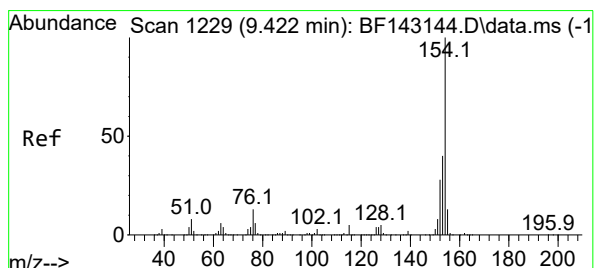
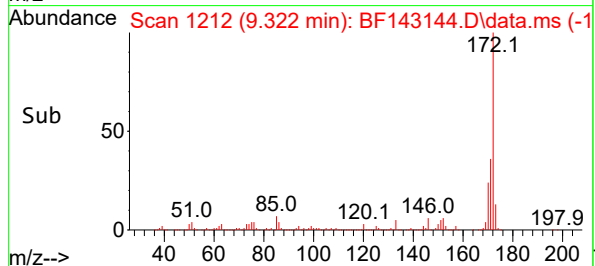
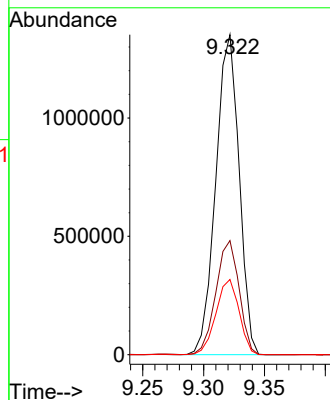
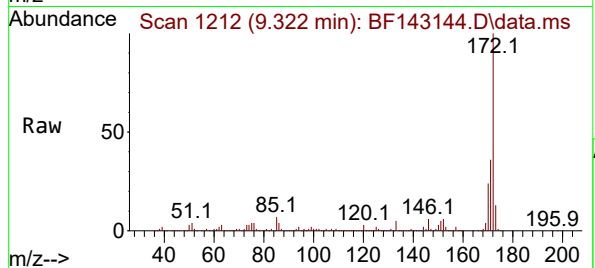
170 23.5 18.8 28.2

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

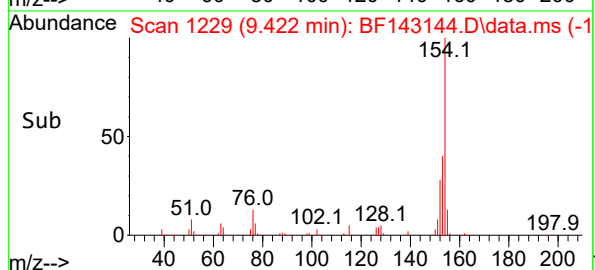
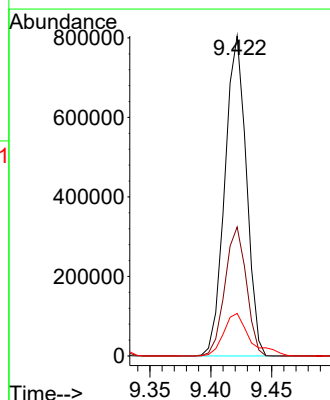
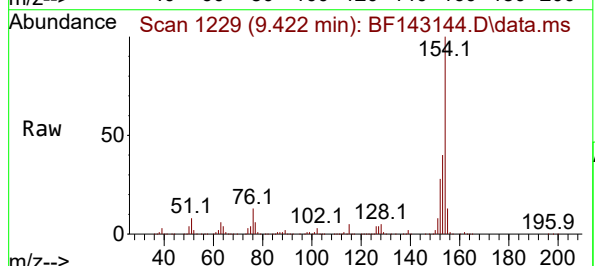
Tgt Ion:154 Resp: 988537

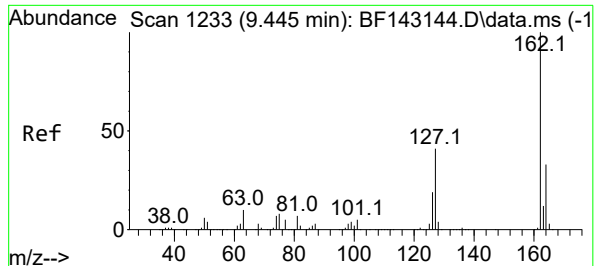
Ion Ratio Lower Upper

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

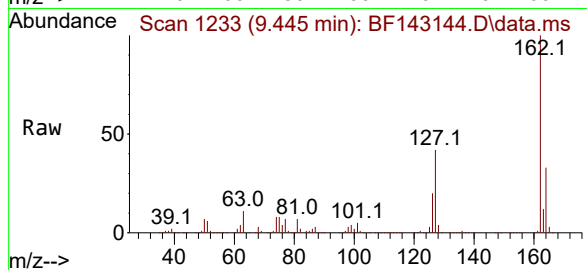
Acq: 17 Jul 2025 13:03

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



Tgt Ion:162 Resp: 731879

Ion Ratio Lower Upper

162 100

127 41.8 33.4 50.2

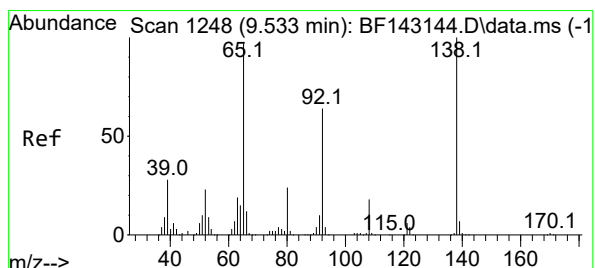
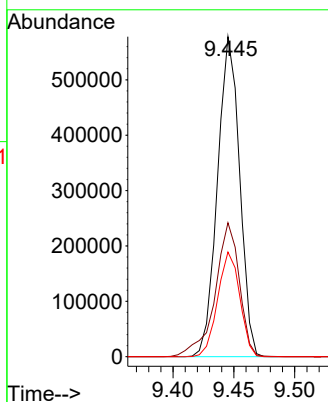
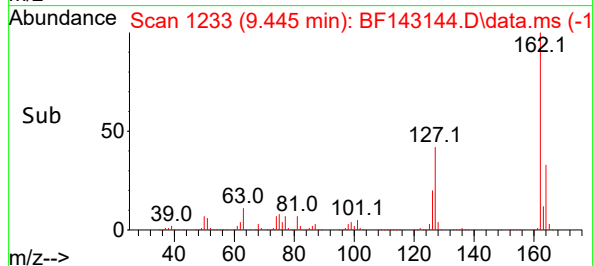
164 32.7 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#48

2-Nitroaniline

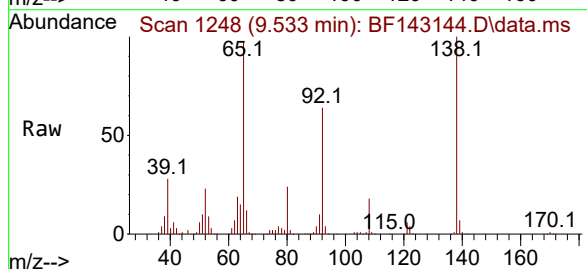
Concen: 41.594 ng

RT: 9.533 min Scan# 1248

Delta R.T. 0.000 min

Lab File: BF143144.D

Acq: 17 Jul 2025 13:03



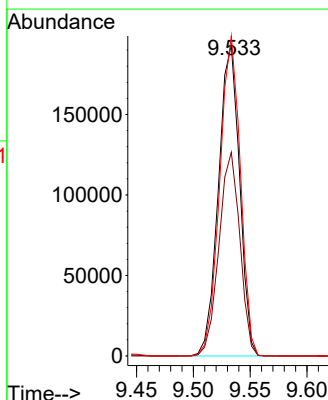
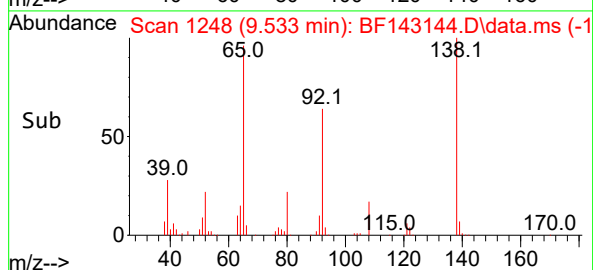
Tgt Ion: 65 Resp: 249908

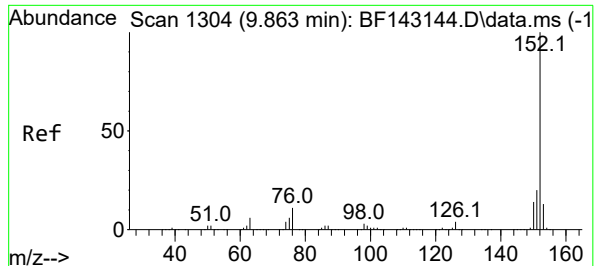
Ion Ratio Lower Upper

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

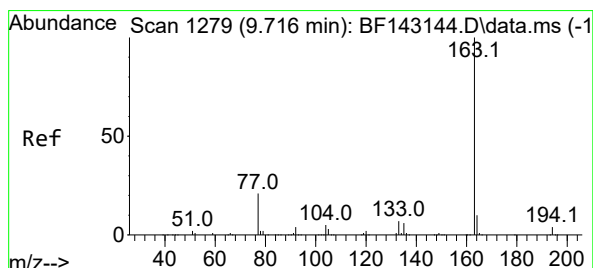
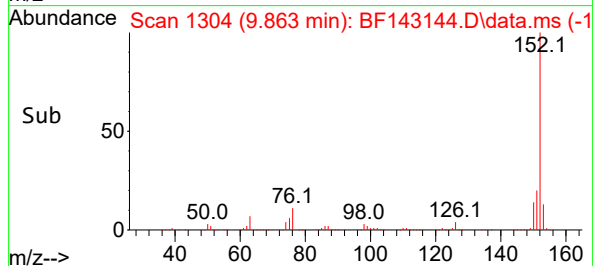
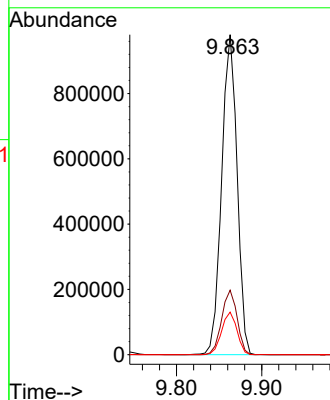
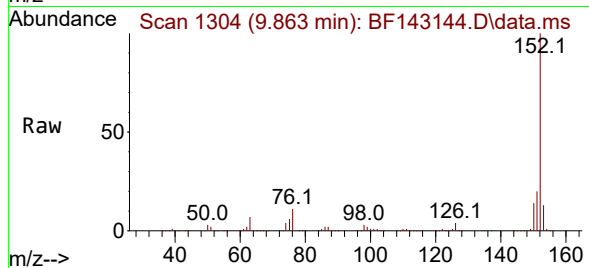
153 13.3 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

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

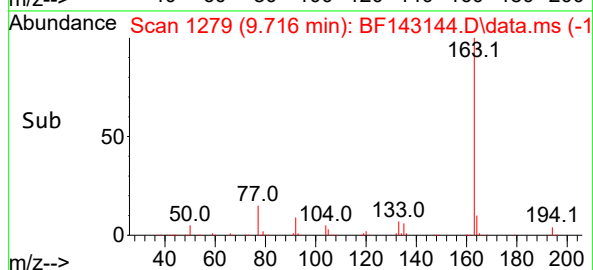
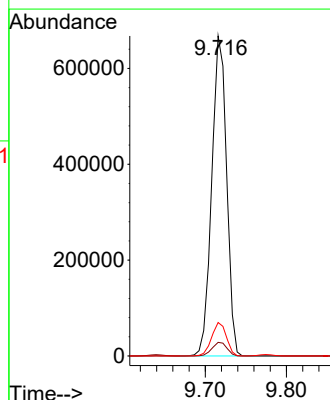
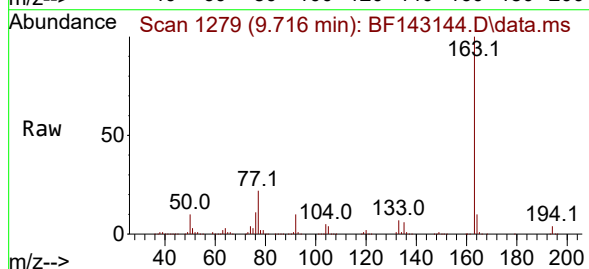
Tgt Ion:163 Resp: 848828

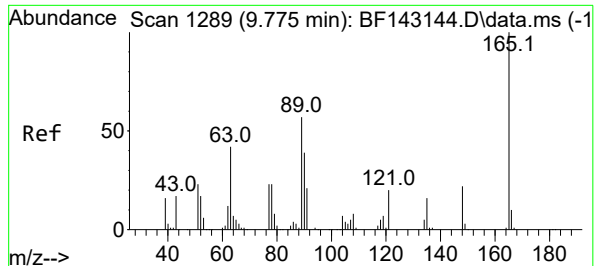
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

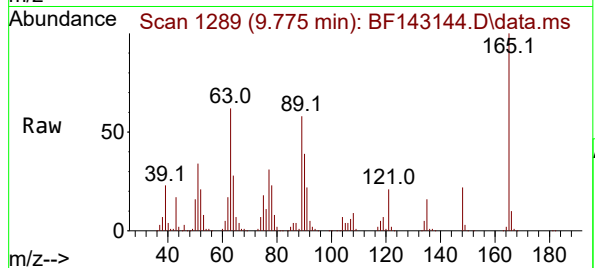
164 10.4 8.3 12.5





#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

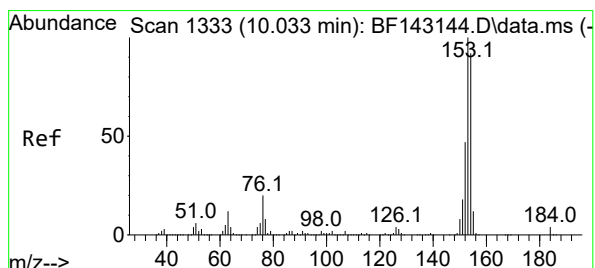
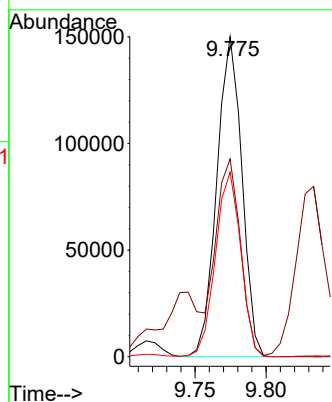
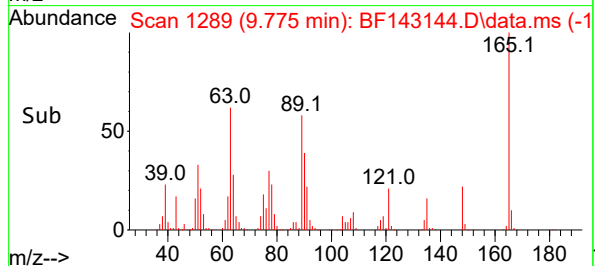
Instrument :
BNA_F
Client Sample Id :
SSTDICCC040



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

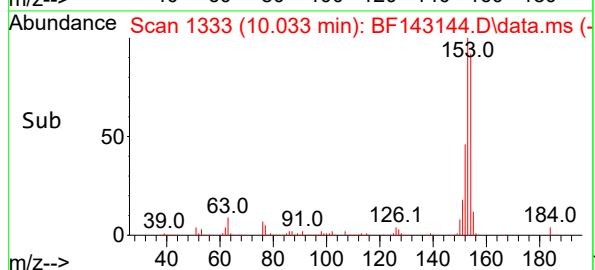
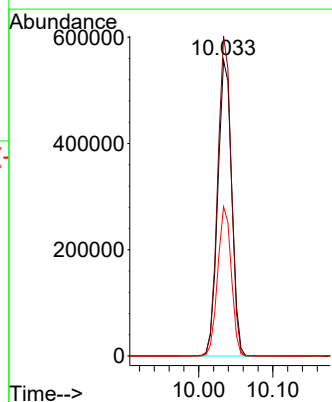
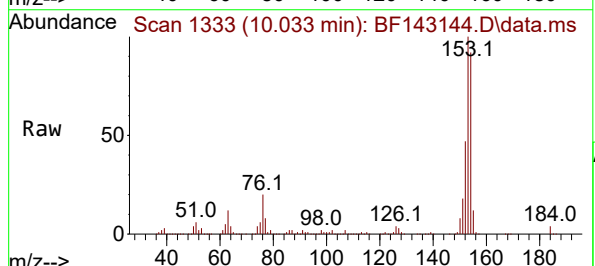
Manual Integrations
APPROVED

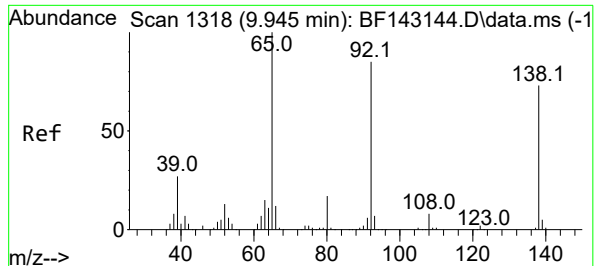
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

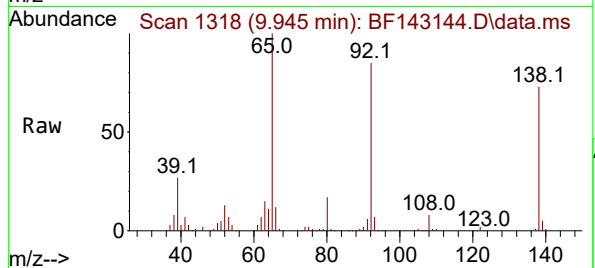
Tgt Ion:154 Resp: 727386
Ion Ratio Lower Upper
154 100
153 108.2 86.6 129.8
152 50.5 40.4 60.6





#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

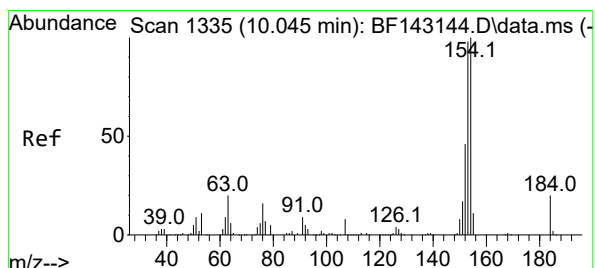
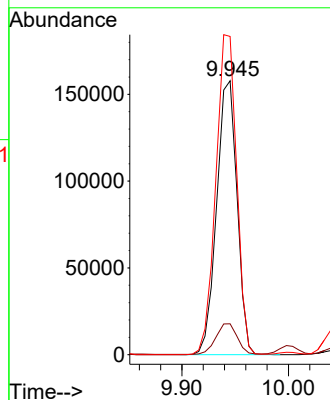
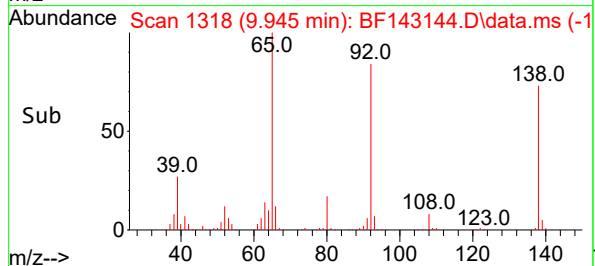
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



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

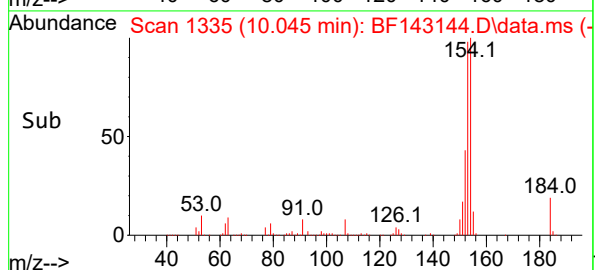
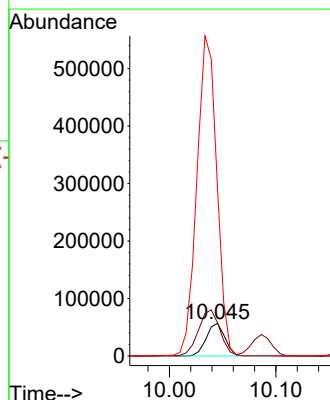
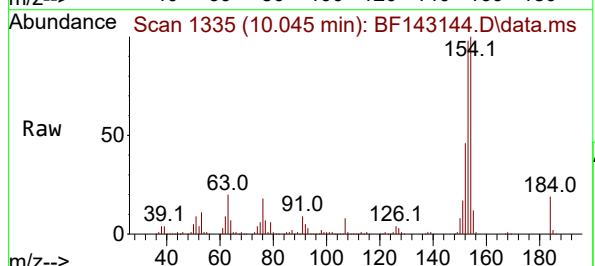
Manual Integrations
APPROVED

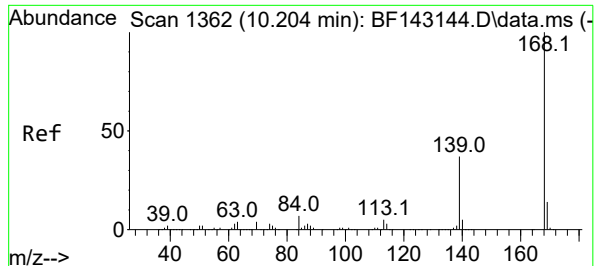
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

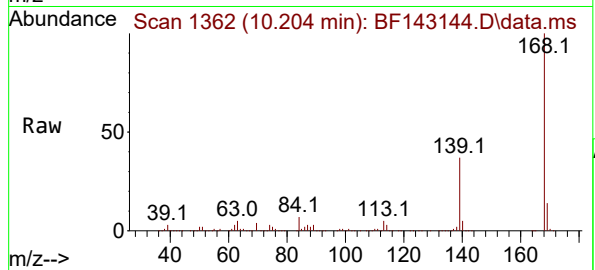
Tgt Ion:184 Resp: 69157
Ion Ratio Lower Upper
184 100
63 102.2 81.8 122.6
154 515.3 412.2 618.4





#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

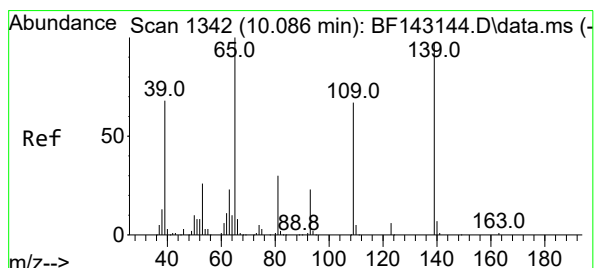
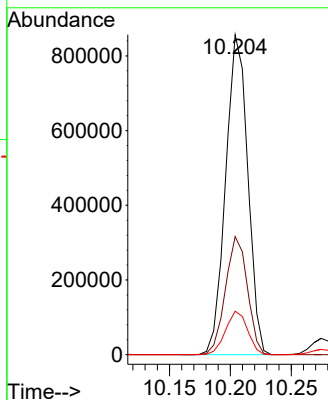
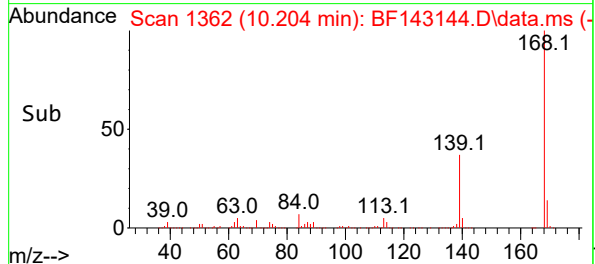
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



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

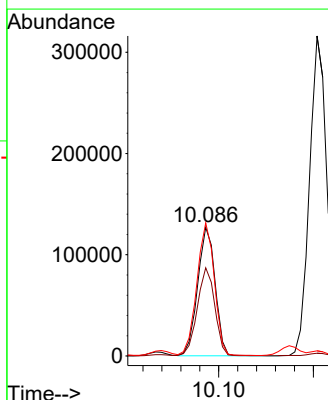
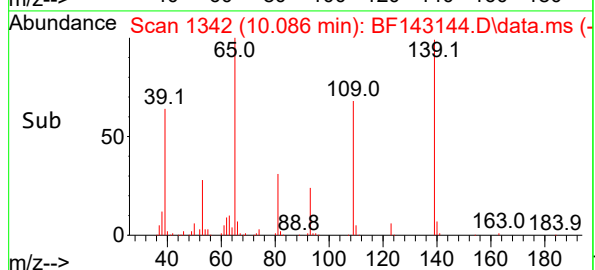
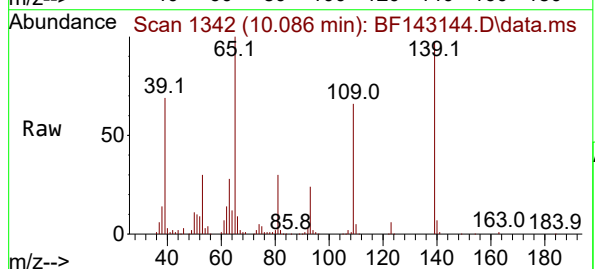
Manual Integrations
APPROVED

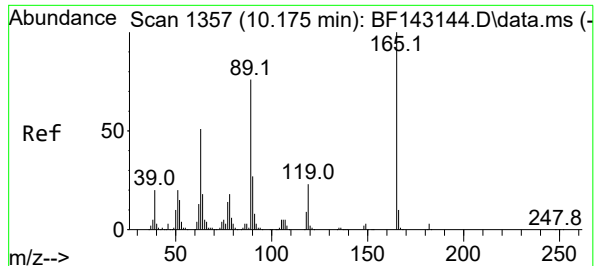
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

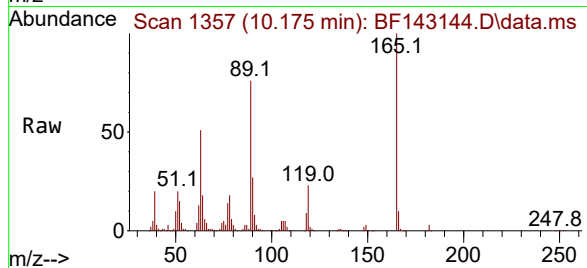
Tgt Ion:139 Resp: 163009
Ion Ratio Lower Upper
139 100
109 68.5 48.5 88.5
65 103.4 83.4 123.4





#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

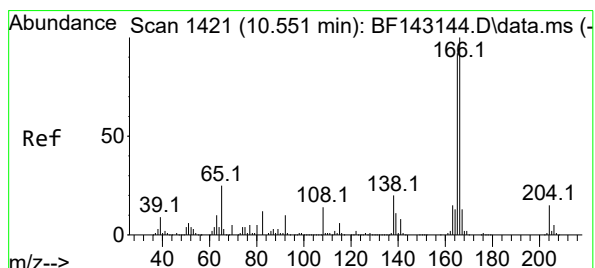
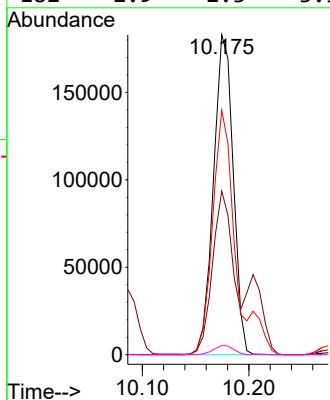
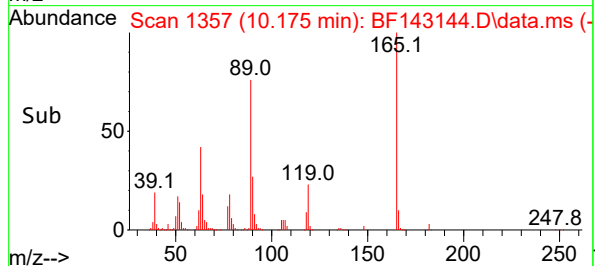
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



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

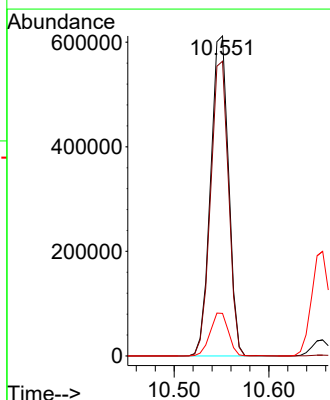
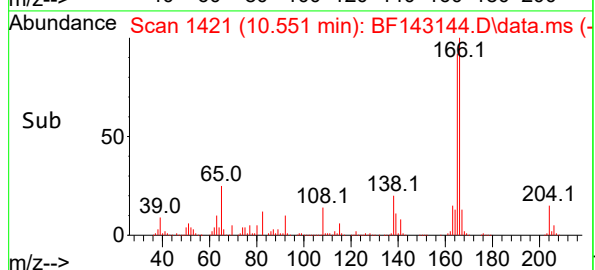
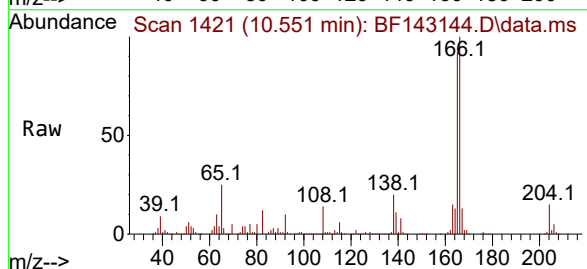
Manual Integrations
APPROVED

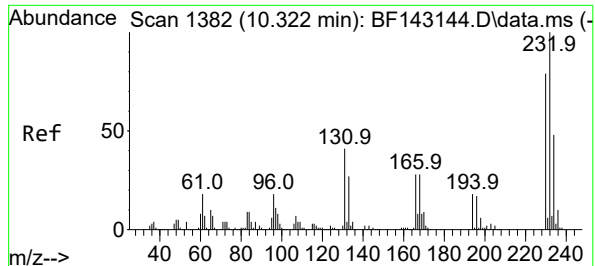
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

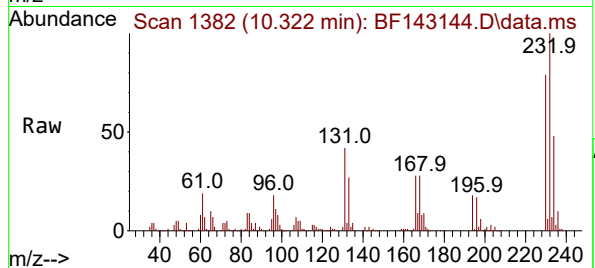
Tgt Ion:166 Resp: 804336
Ion Ratio Lower Upper
166 100
165 92.1 73.7 110.5
167 13.3 10.6 16.0





#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

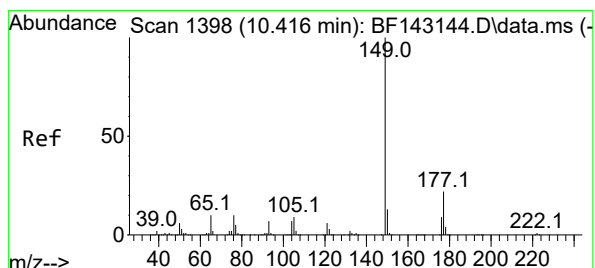
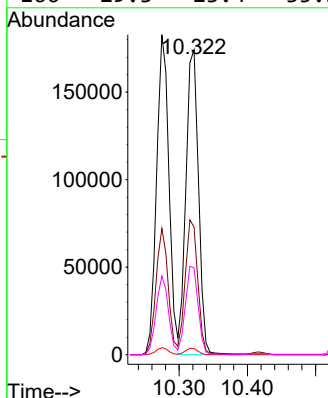
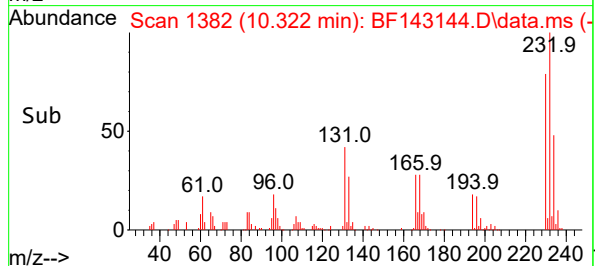
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



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

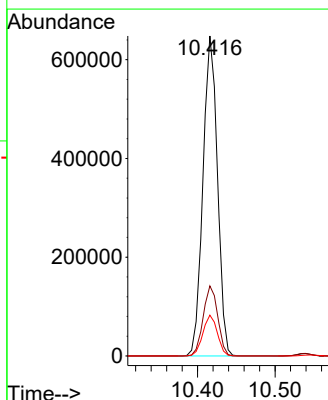
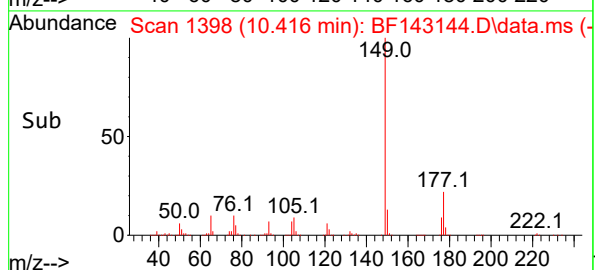
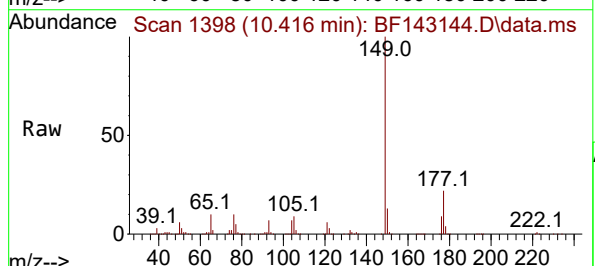
Manual Integrations
APPROVED

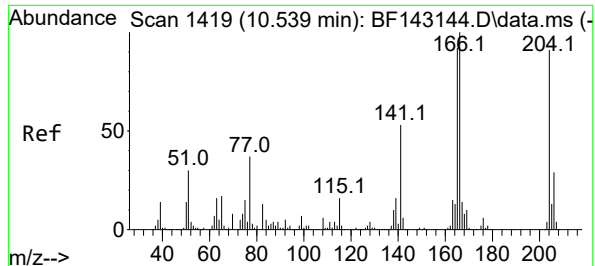
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

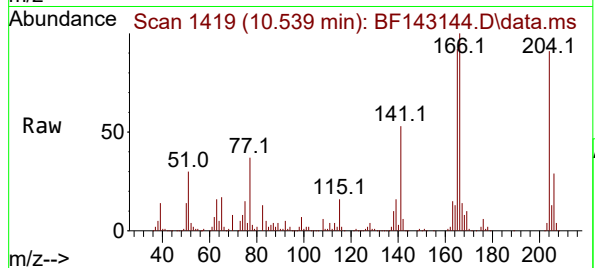
Tgt Ion:149 Resp: 842184
Ion Ratio Lower Upper
149 100
177 21.9 17.5 26.3
150 12.7 10.2 15.2





#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

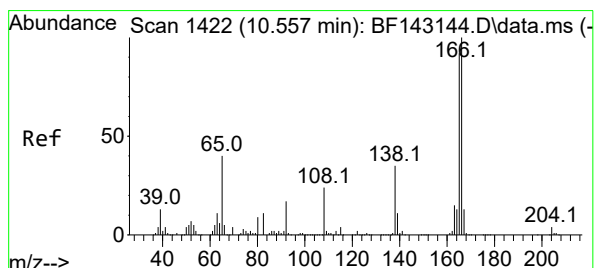
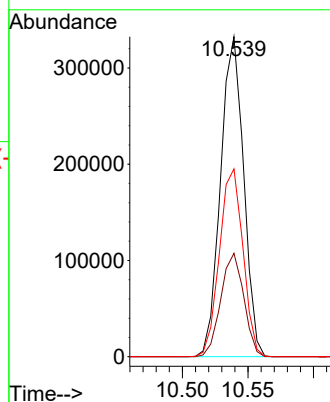
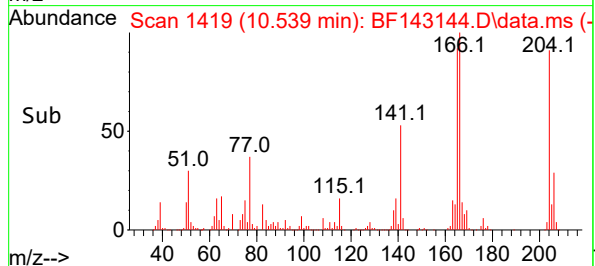
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



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

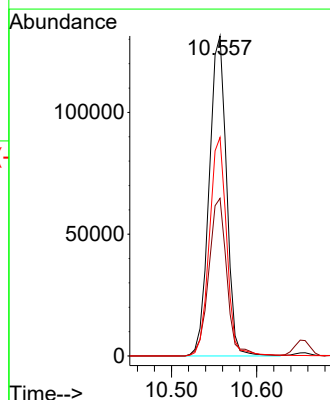
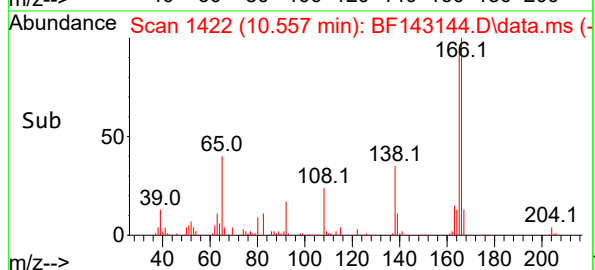
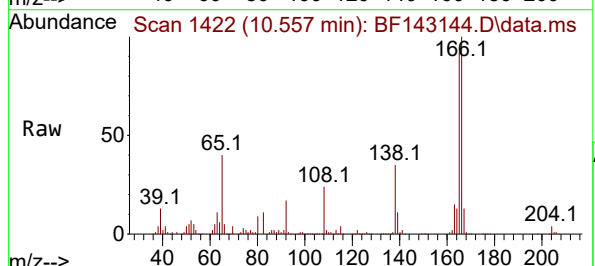
Manual Integrations
APPROVED

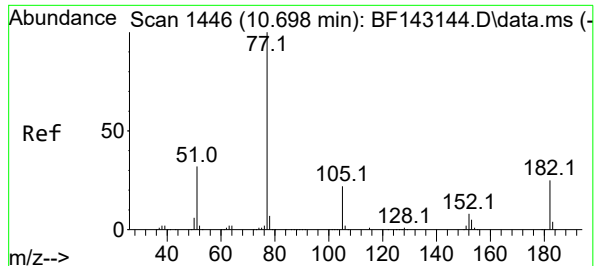
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

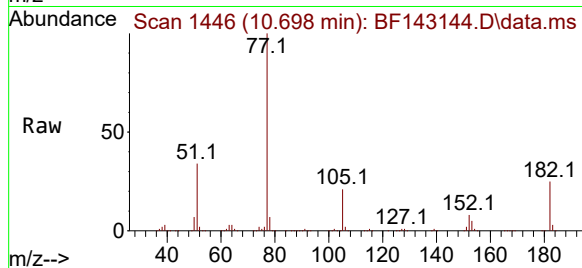
Tgt Ion:138 Resp: 185530
Ion Ratio Lower Upper
138 100
92 49.3 29.3 69.3
108 68.3 48.3 88.3





#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

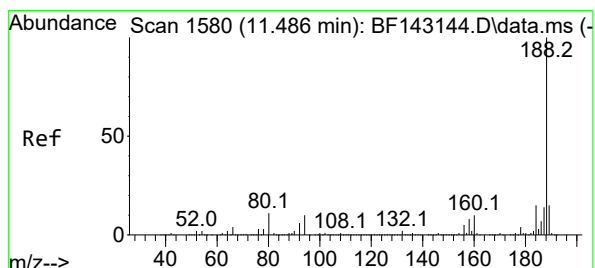
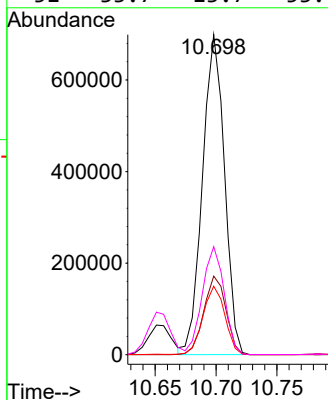
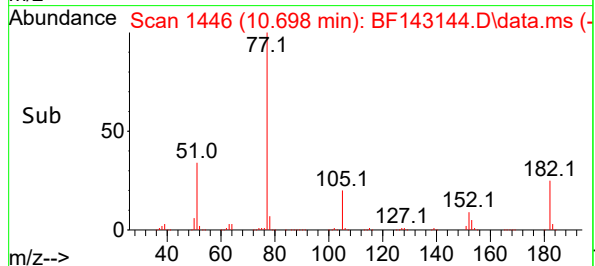
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



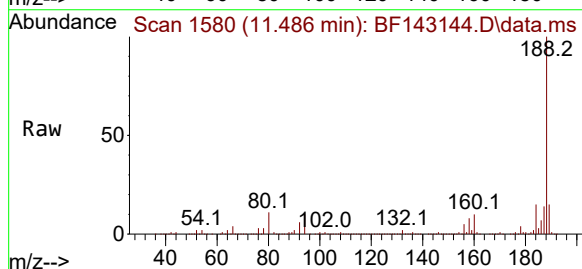
Tgt Ion: 77 Resp: 87638
Ion Ratio Lower Upper
77 100
182 24.6 4.6 44.6
105 21.4 1.4 41.4
51 33.7 13.7 53.7

Manual Integrations
APPROVED

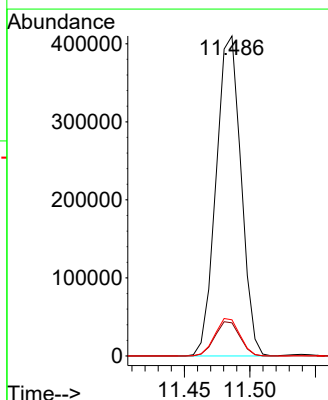
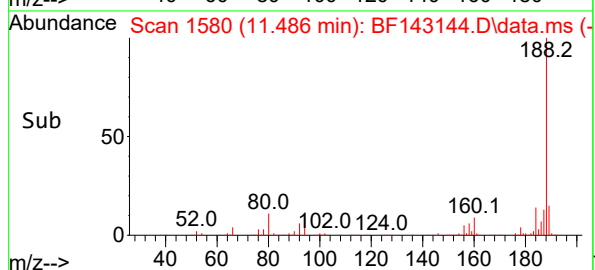
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

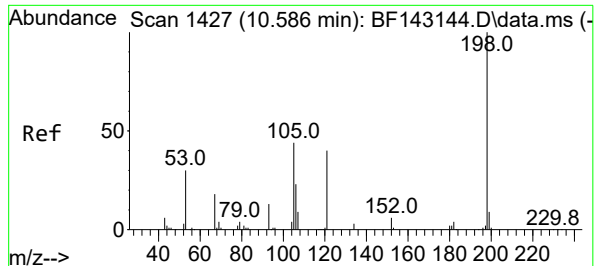


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03



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





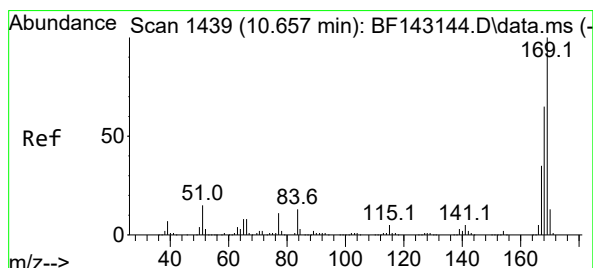
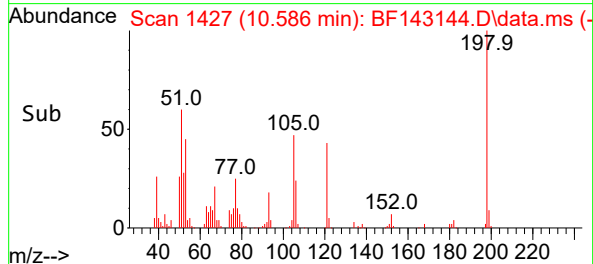
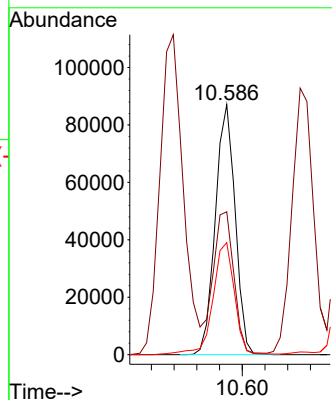
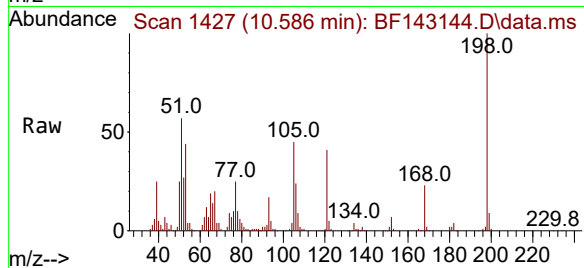
#65
4,6-Dinitro-2-methylphenol
Concen: 38.322 ng
RT: 10.586 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

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

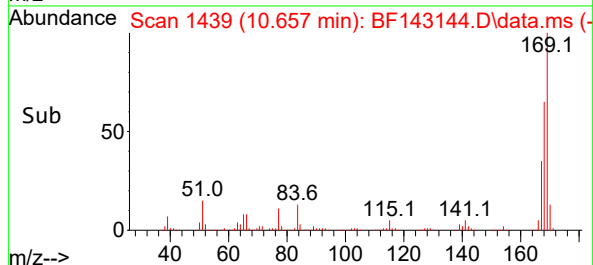
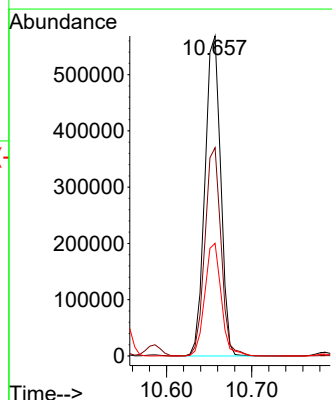
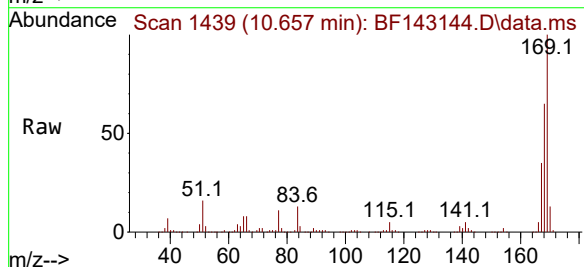
Manual Integrations
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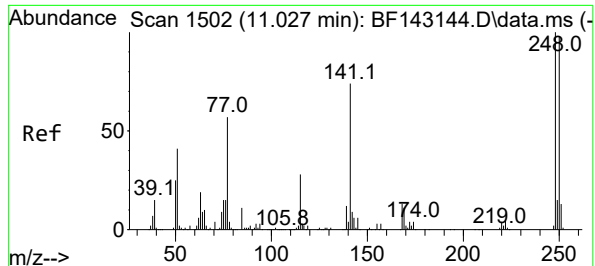
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

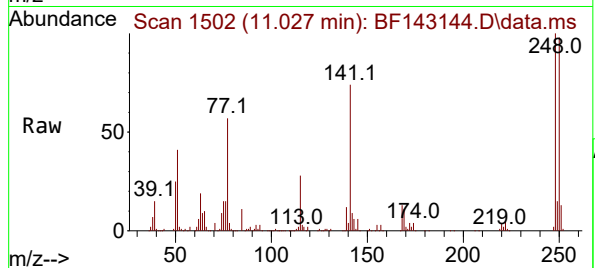
Tgt Ion:169 Resp: 731532
Ion Ratio Lower Upper
169 100
168 65.1 52.1 78.1
167 35.2 28.2 42.2





#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

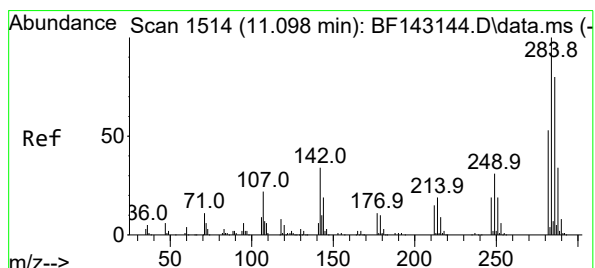
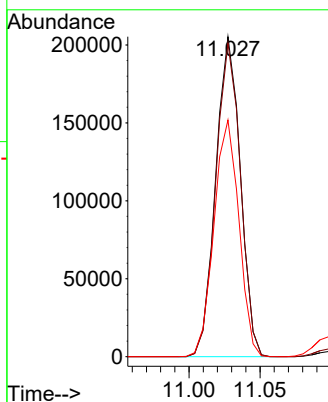
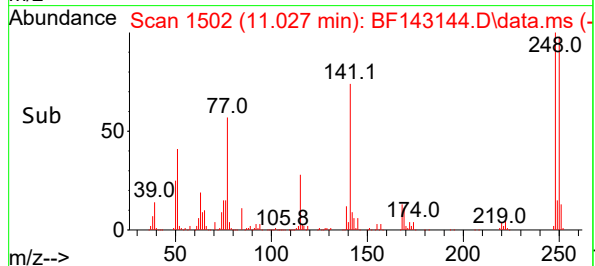
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



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

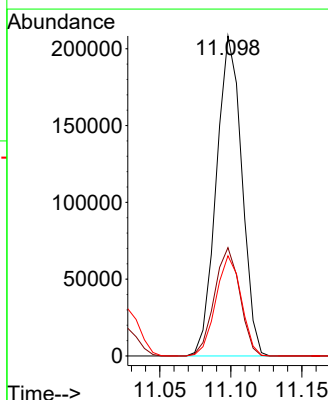
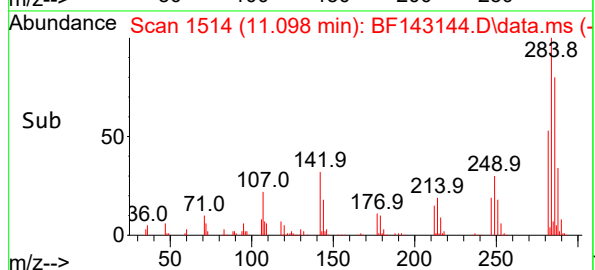
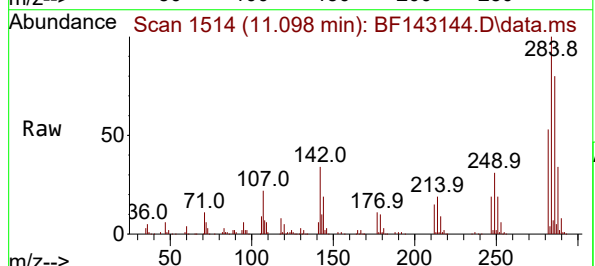
Manual Integrations
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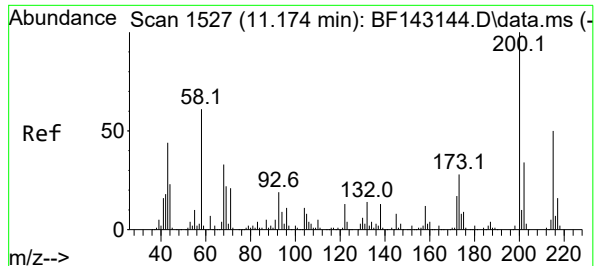
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

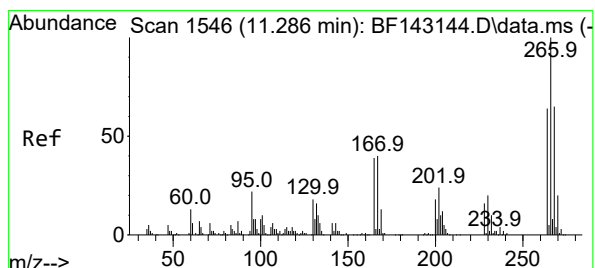
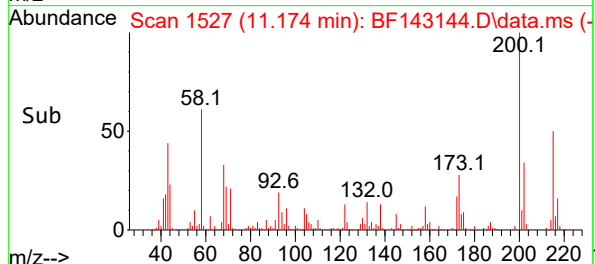
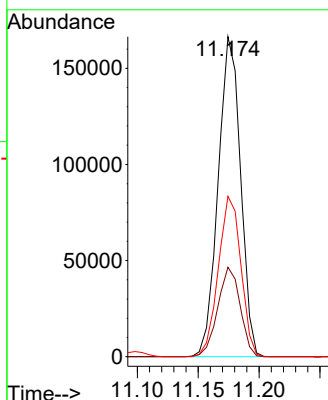
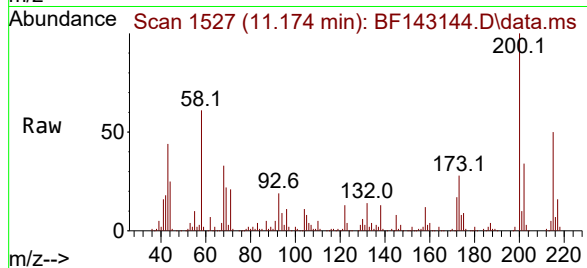
215 50.1 30.1 70.1

Manual Integrations

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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

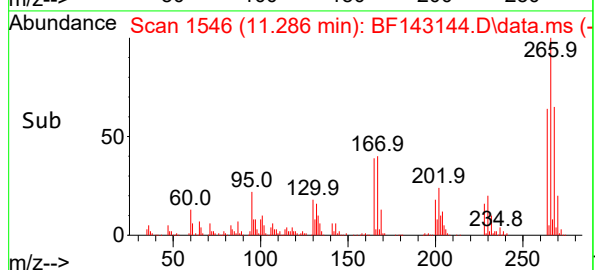
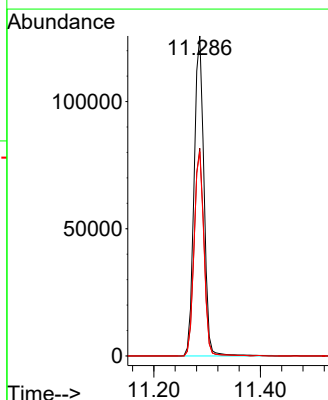
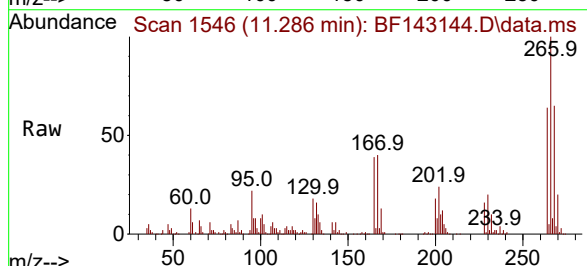
Tgt Ion:266 Resp: 161013

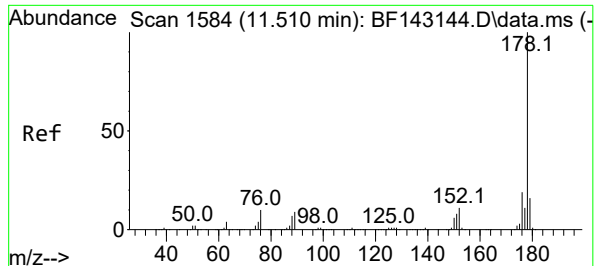
Ion Ratio Lower Upper

266 100

268 64.9 51.9 77.9

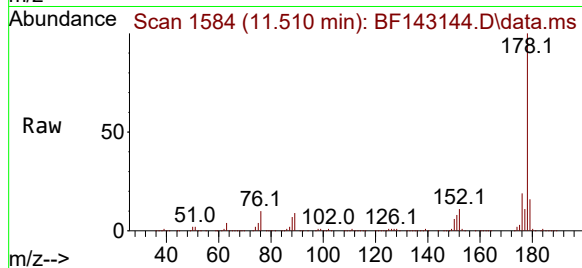
264 63.8 51.0 76.6





#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

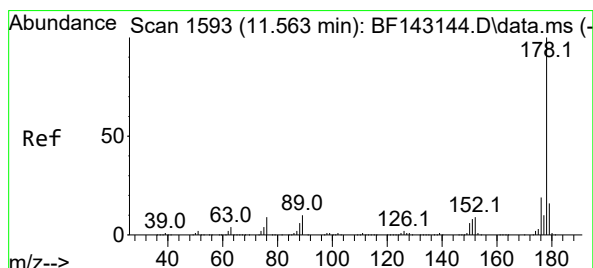
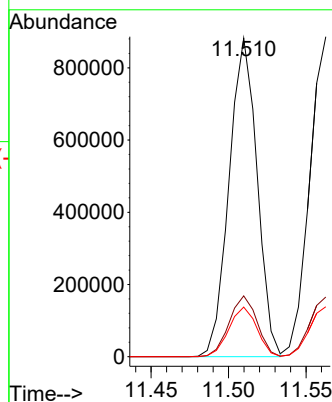
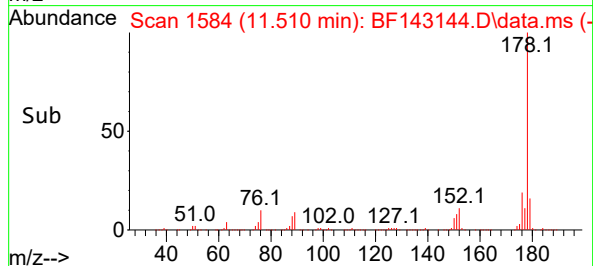
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



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

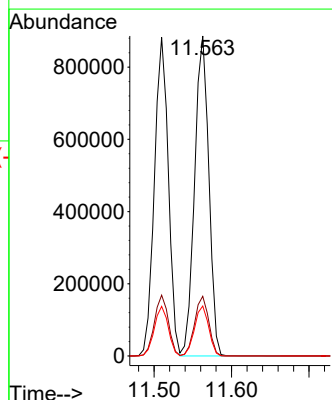
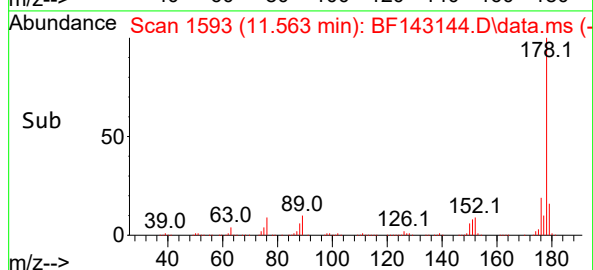
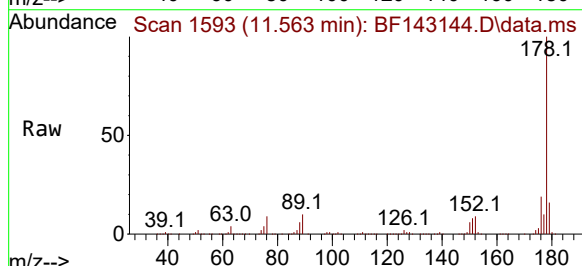
Manual Integrations
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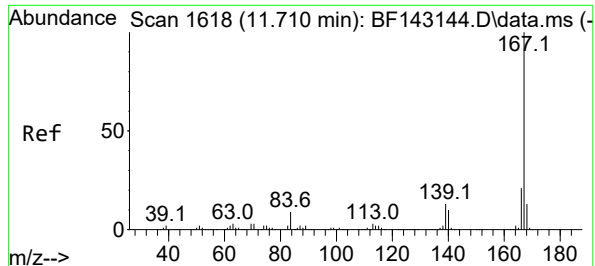
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

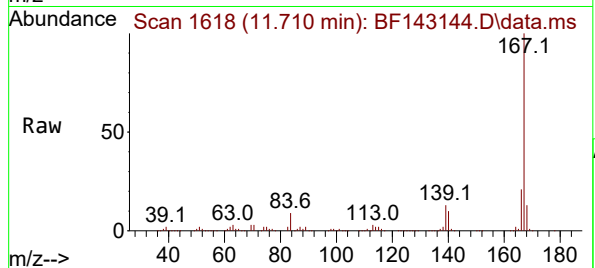
Tgt Ion:178 Resp: 1126710
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.6 12.5 18.7





#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

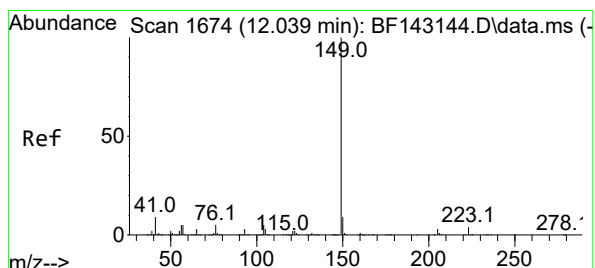
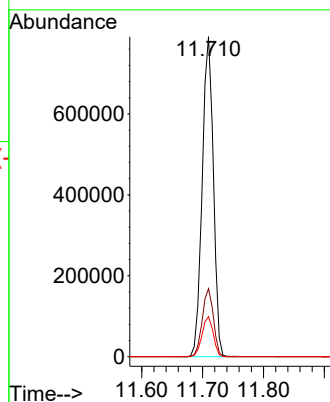
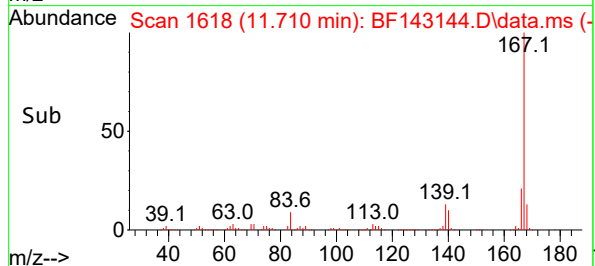
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



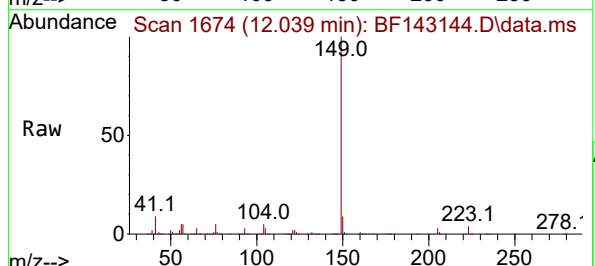
Tgt Ion:167 Resp: 1008669
Ion Ratio Lower Upper
167 100
166 21.3 17.0 25.6
139 12.5 10.0 15.0

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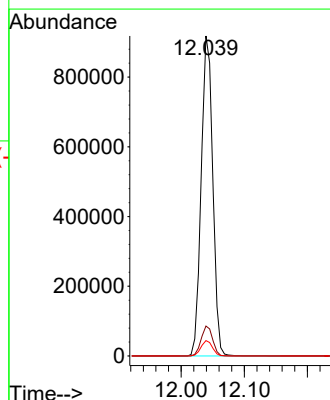
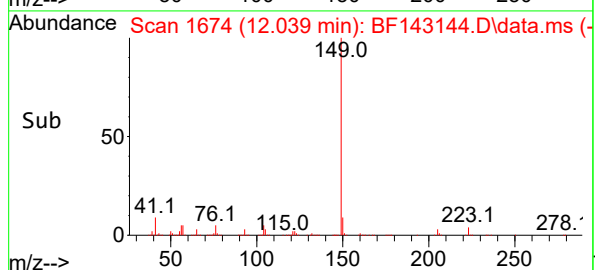
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

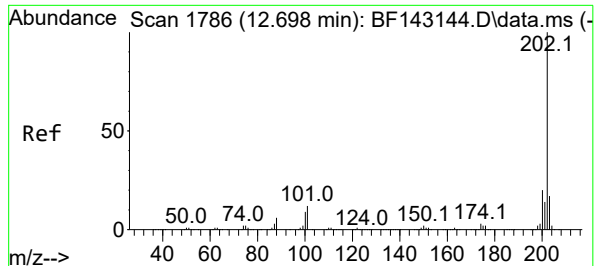


#74
Di-n-butylphthalate
Concen: 40.135 ng
RT: 12.039 min Scan# 1674
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03



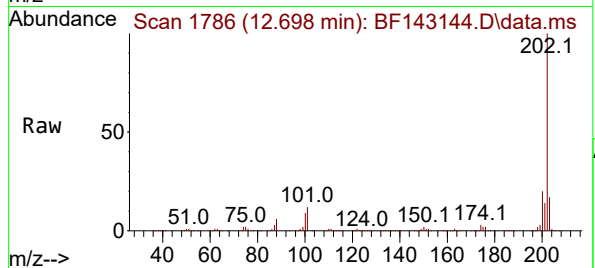
Tgt Ion:149 Resp: 1165443
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.2
104 4.8 3.8 5.8





#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

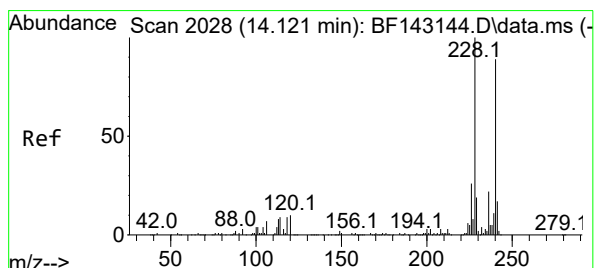
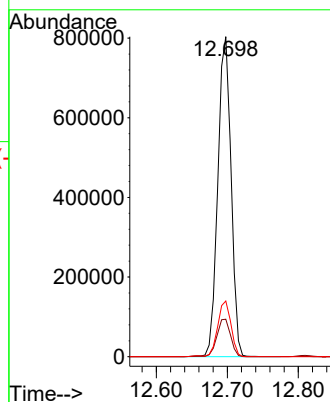
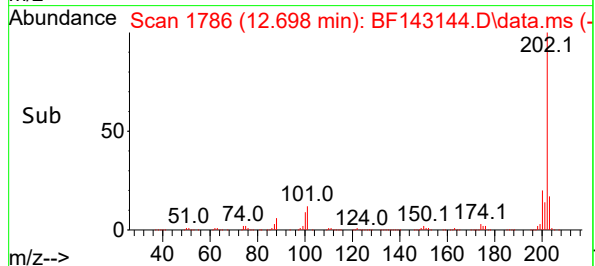
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



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

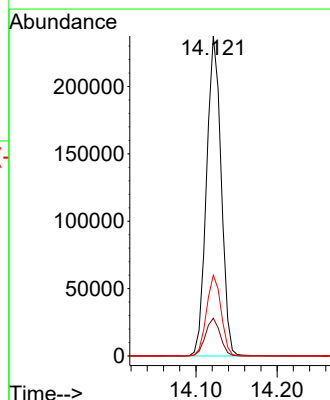
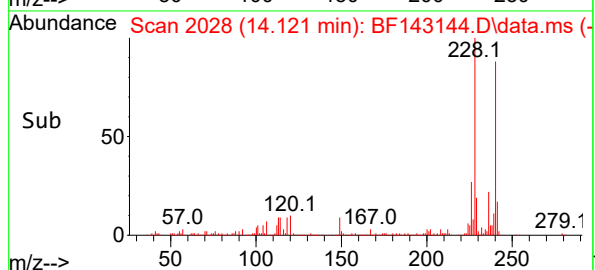
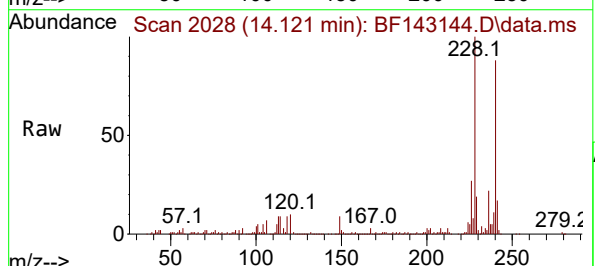
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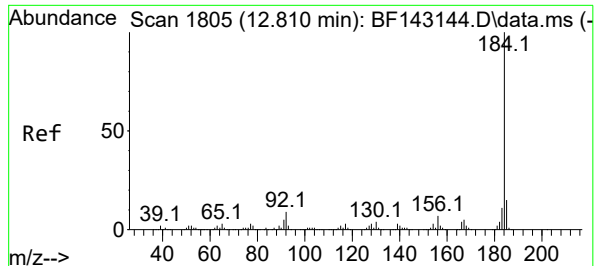
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



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

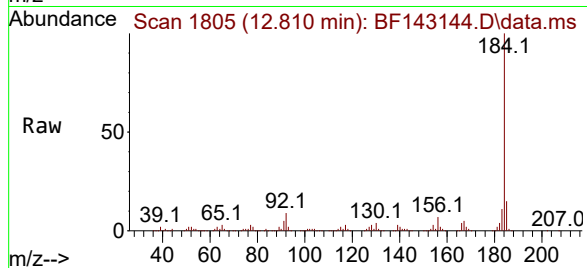
Tgt Ion:240 Resp: 296414
Ion Ratio Lower Upper
240 100
120 11.8 9.4 14.2
236 25.3 20.2 30.4





#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

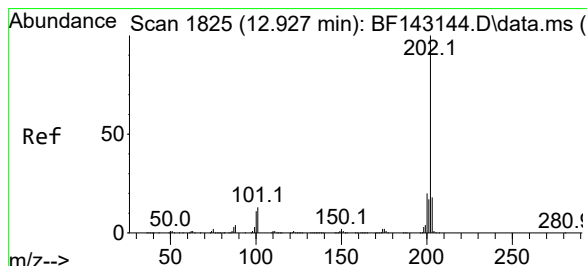
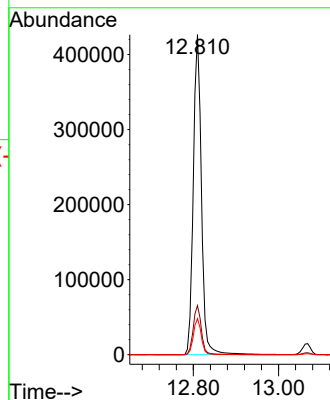
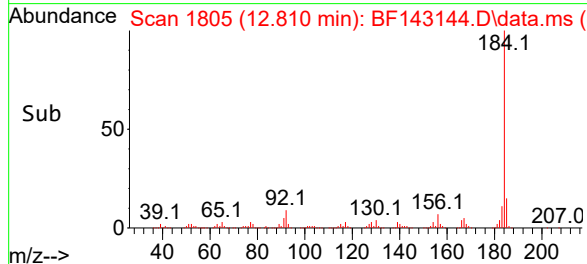
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



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

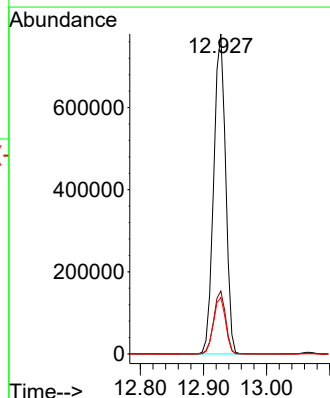
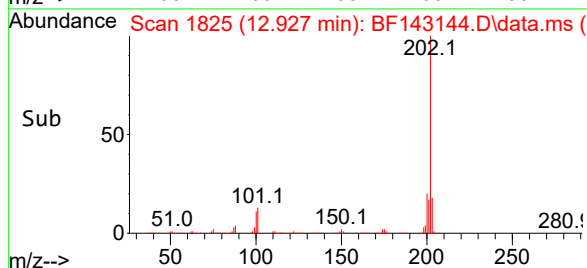
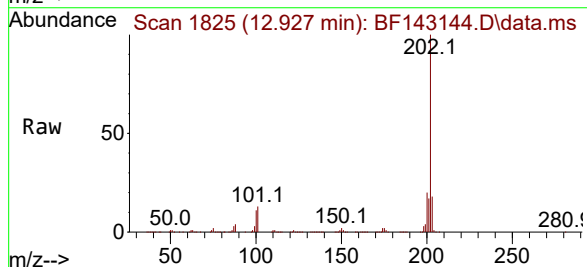
Manual Integrations
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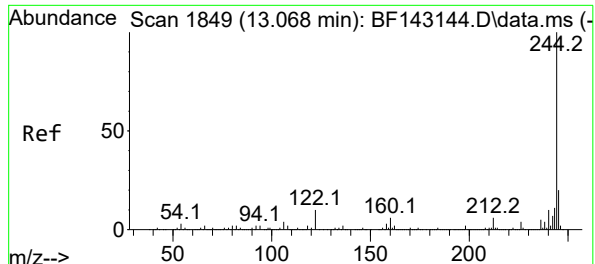
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

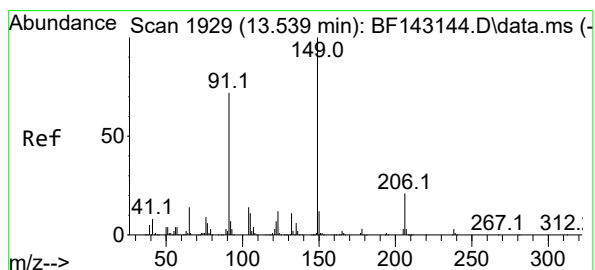
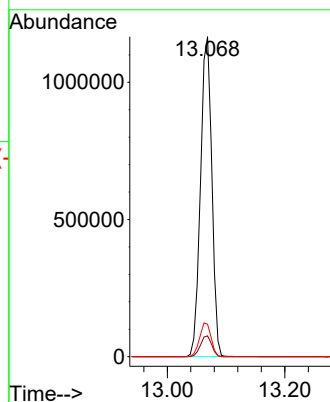
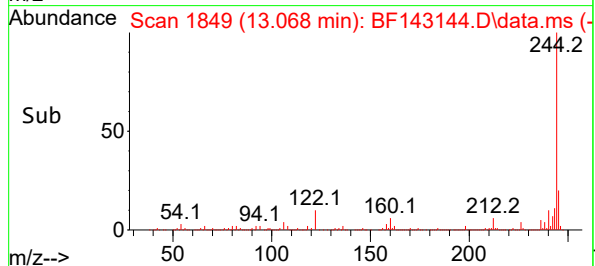
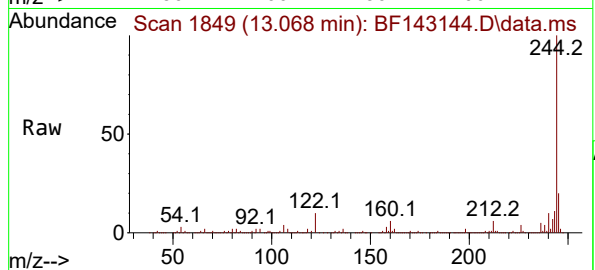
122 10.2 8.2 12.2

Manual Integrations

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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

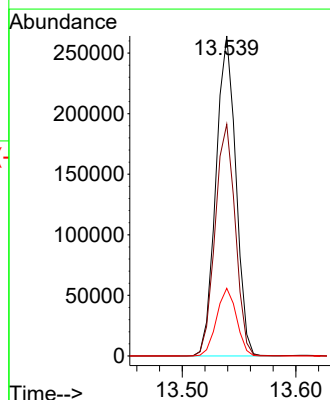
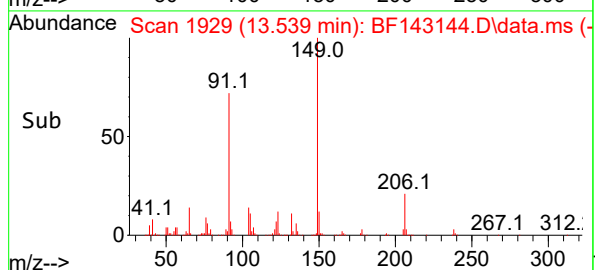
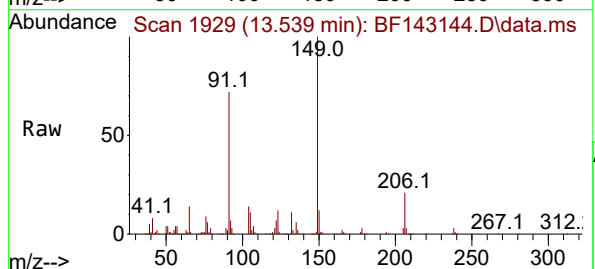
Tgt Ion:149 Resp: 322273

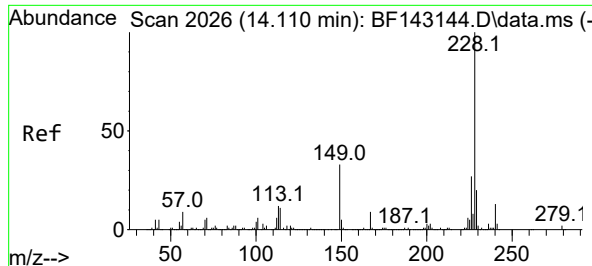
Ion Ratio Lower Upper

149 100

91 72.4 57.9 86.9

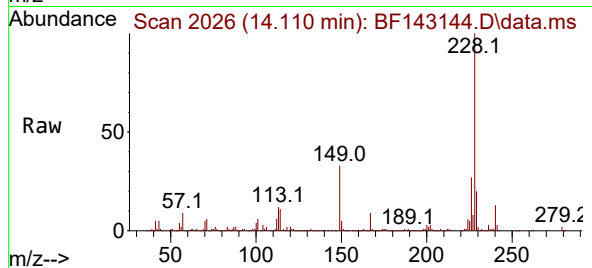
206 21.2 17.0 25.4





#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

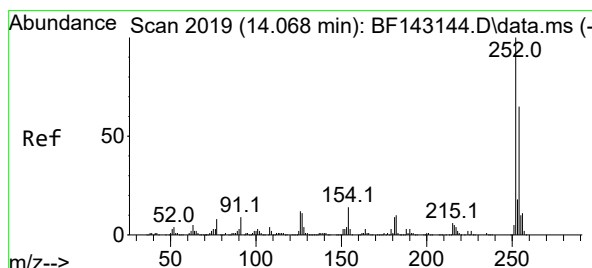
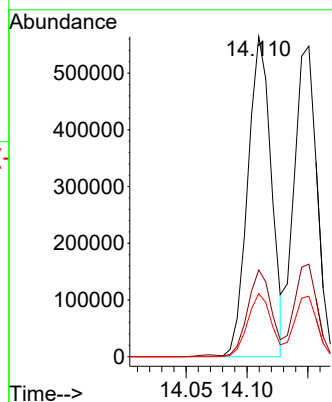
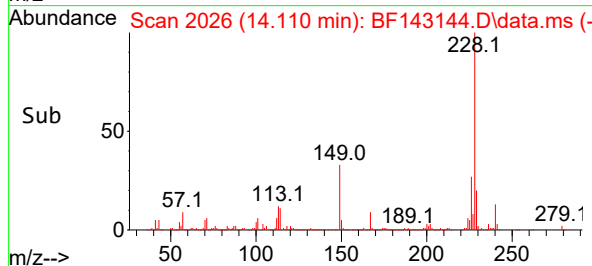
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



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

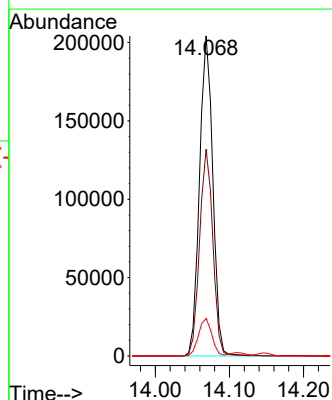
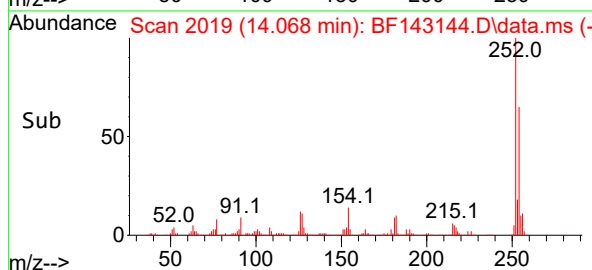
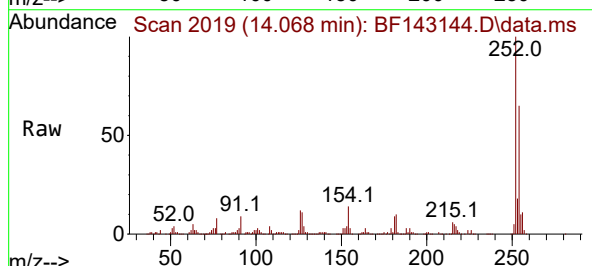
Manual Integrations
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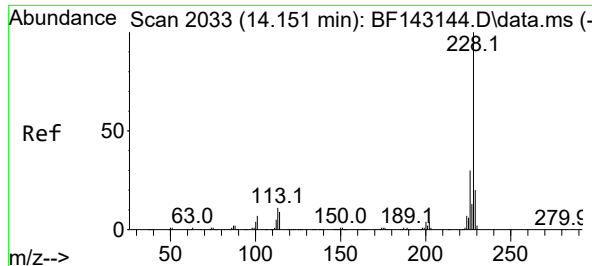
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

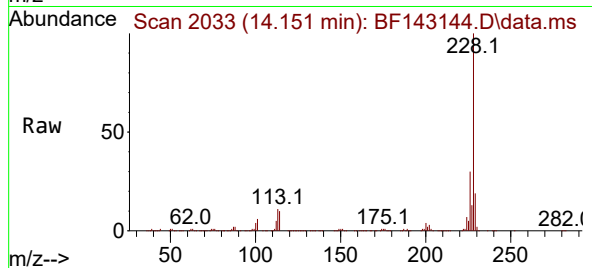
Tgt Ion:252 Resp: 254099
Ion Ratio Lower Upper
252 100
254 64.6 51.7 77.5
126 11.7 9.4 14.0





#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

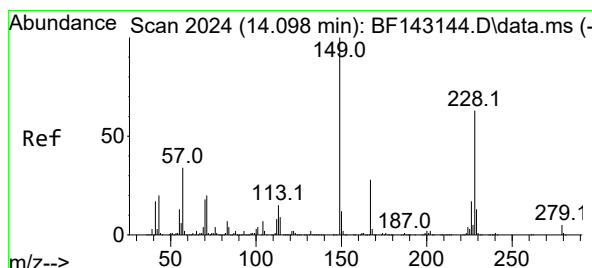
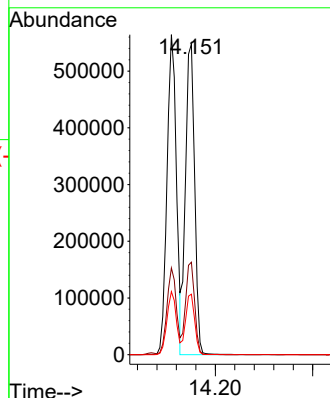
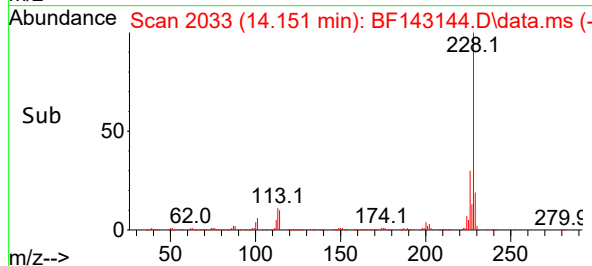
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



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

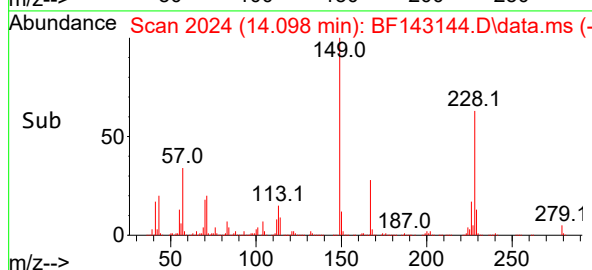
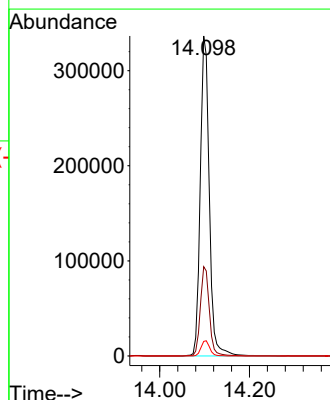
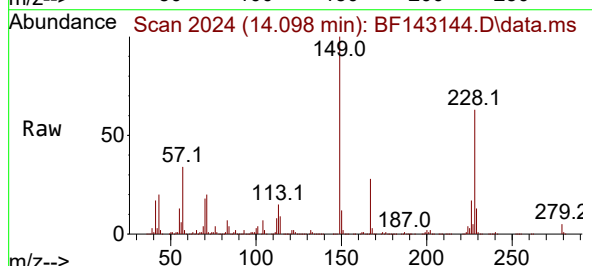
Manual Integrations
APPROVED

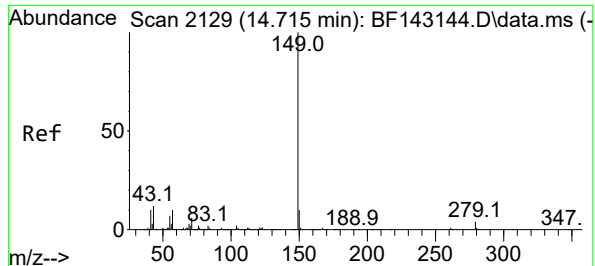
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

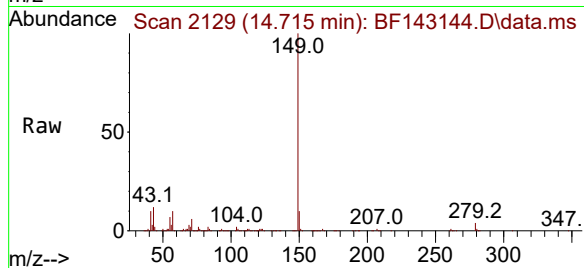
Tgt Ion:149 Resp: 467892
Ion Ratio Lower Upper
149 100
167 27.9 22.3 33.5
279 4.5 3.6 5.4





#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

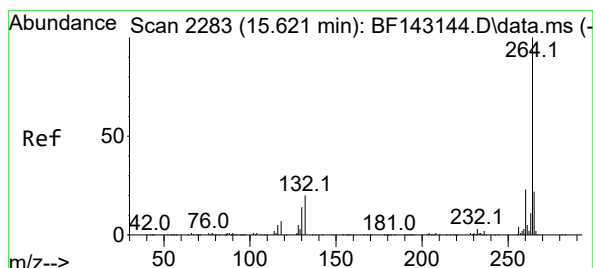
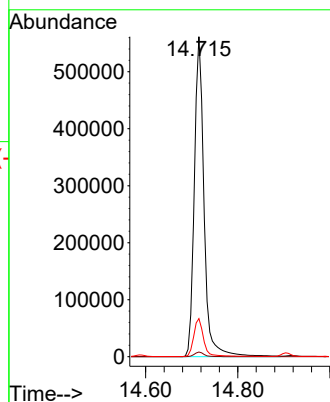
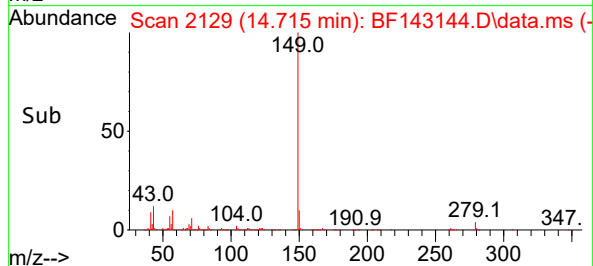
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



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

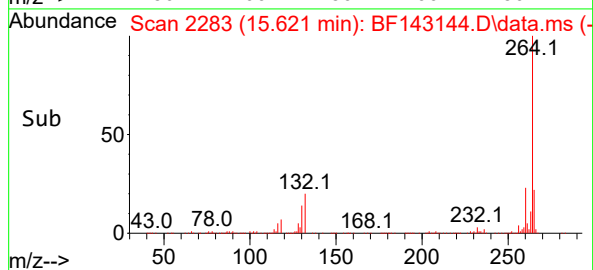
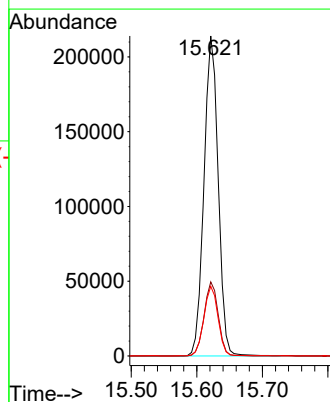
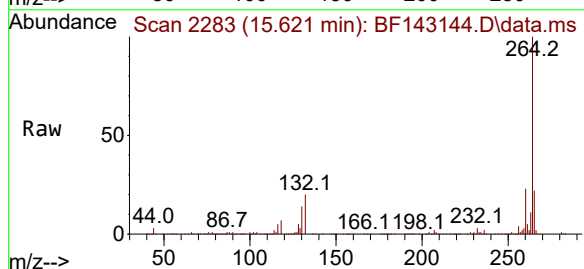
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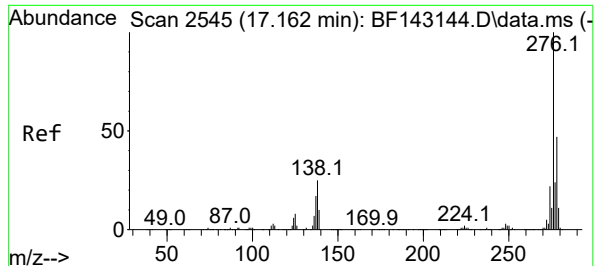
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



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

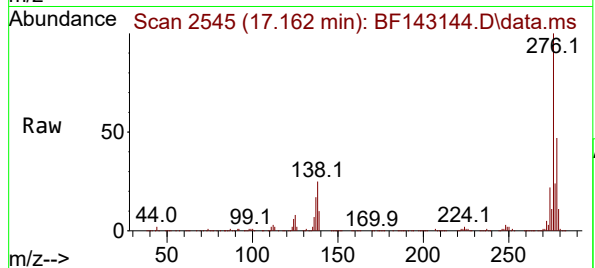
Tgt Ion:264 Resp: 323574
Ion Ratio Lower Upper
264 100
260 23.1 18.5 27.7
265 21.8 17.4 26.2





#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

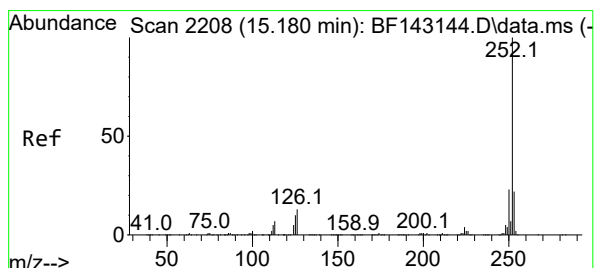
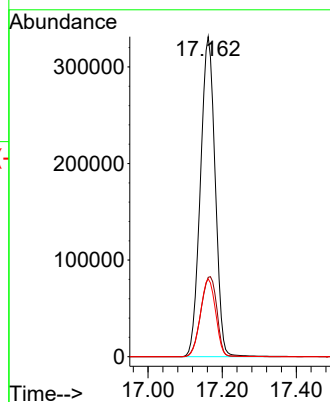
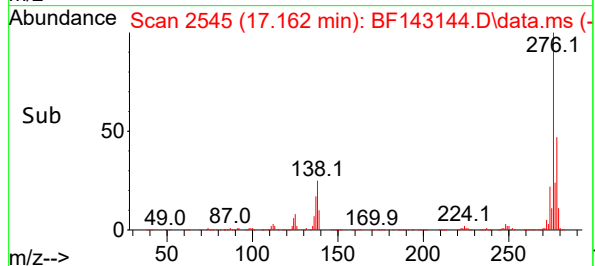
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



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

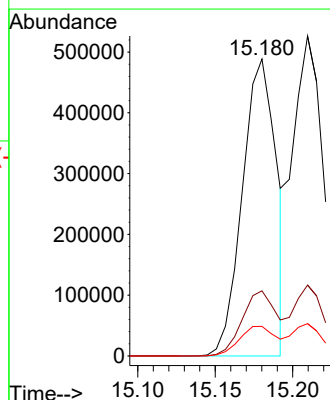
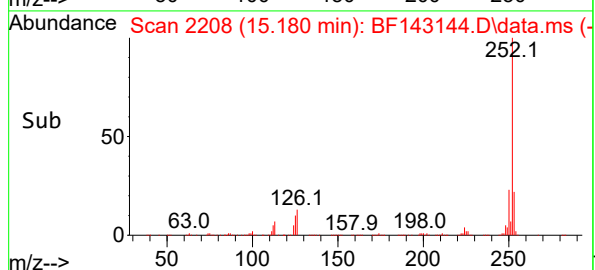
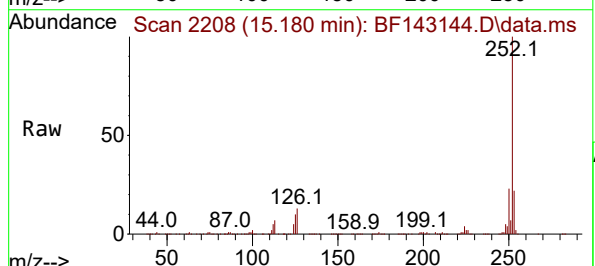
Manual Integrations
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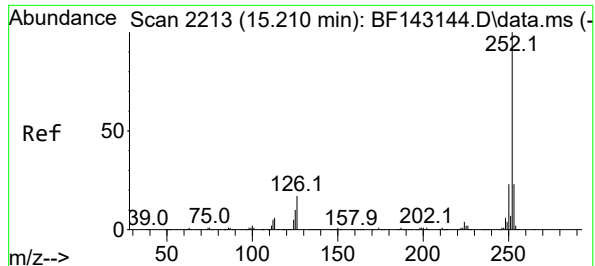
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

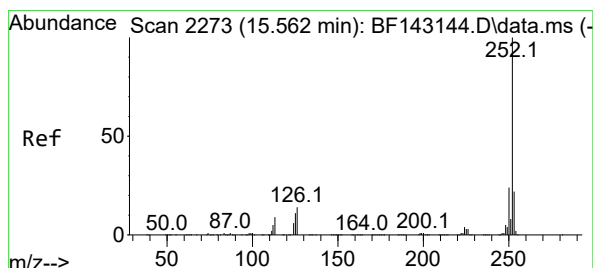
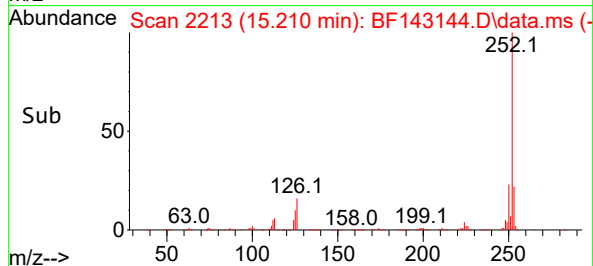
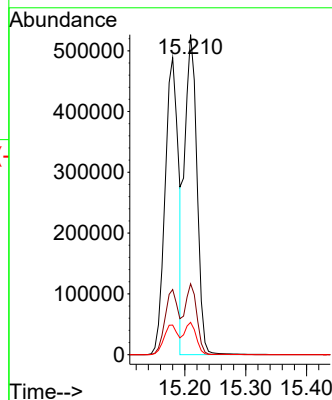
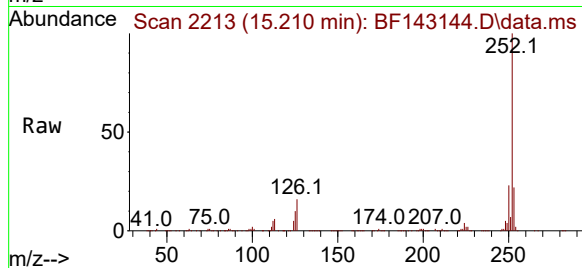
125 10.1 8.1 12.1

Manual Integrations

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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

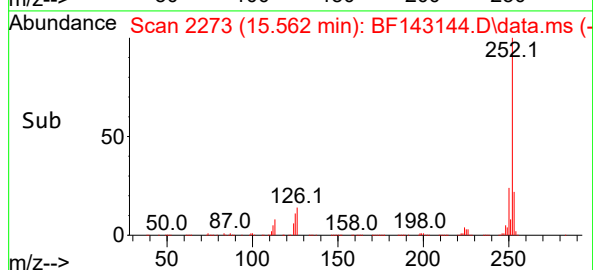
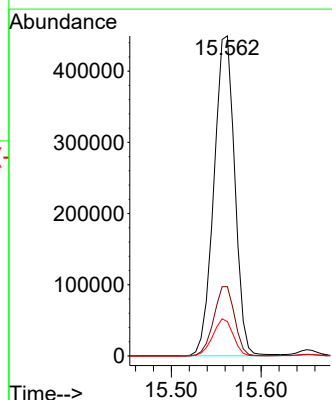
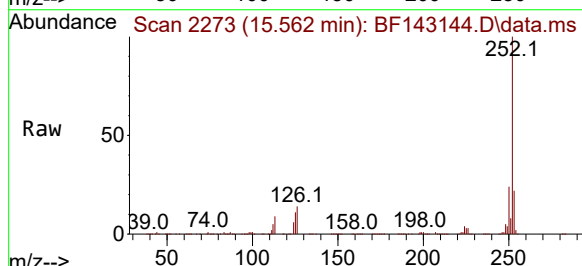
Tgt Ion:252 Resp: 725344

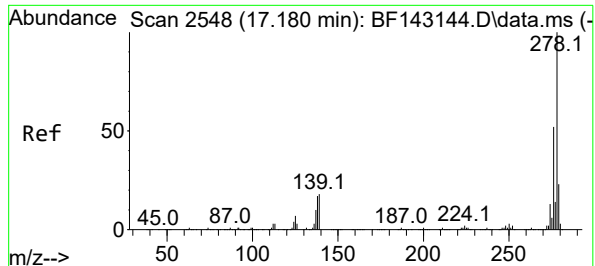
Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

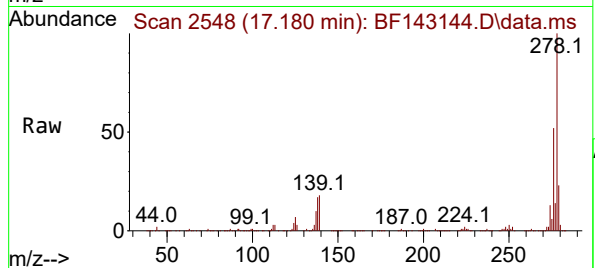
125 10.8 8.6 13.0





#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

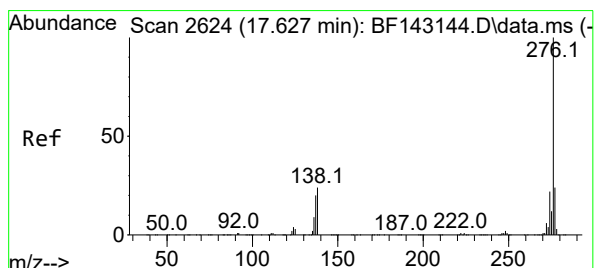
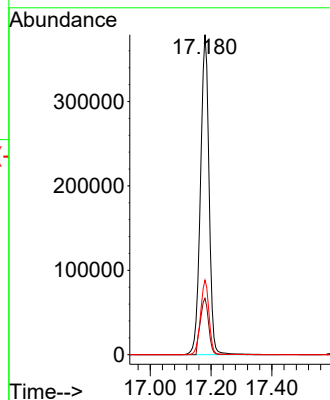
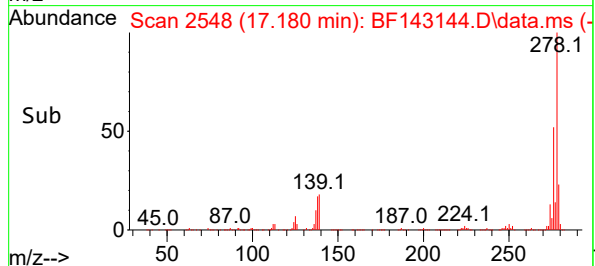
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



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

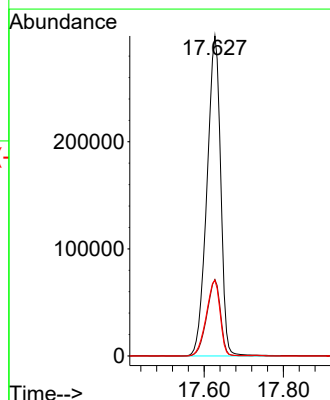
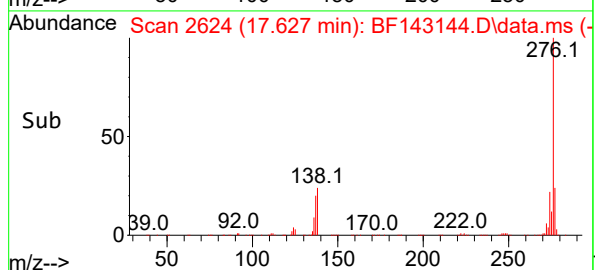
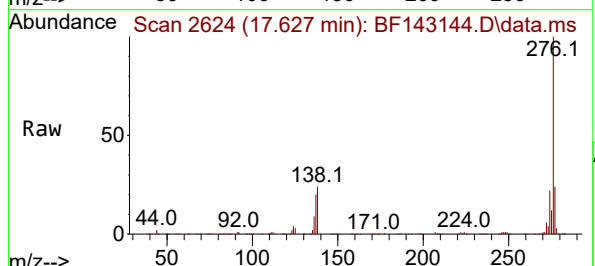
Manual Integrations
APPROVED

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

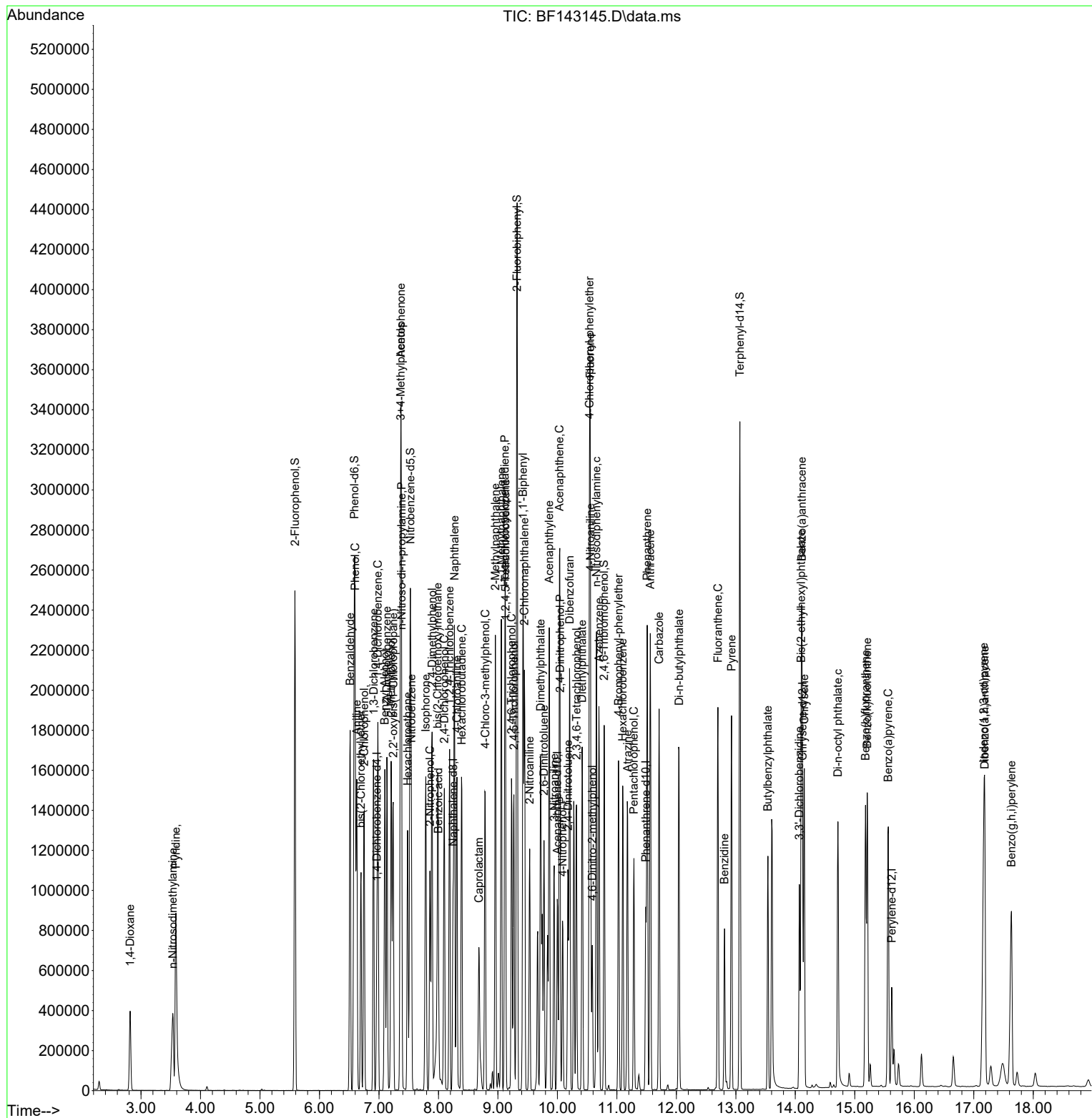
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	291607	51.434	ng	99
46) 1,1'-Biphenyl	9.422	154	1101317	49.764	ng	99
47) 2-Chloronaphthalene	9.445	162	826749	50.488	ng	100
48) 2-Nitroaniline	9.533	65	281082	54.736	ng	99
49) Acenaphthylene	9.863	152	1388721	50.605	ng	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

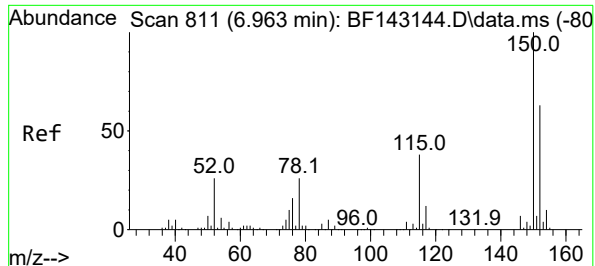
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

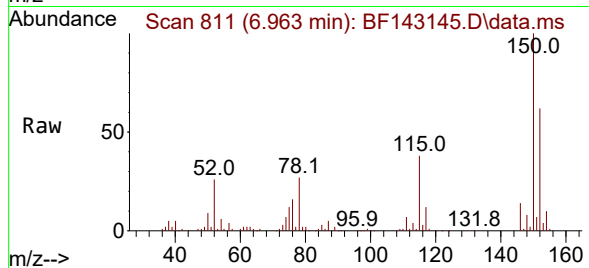
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jaagrut Upadhyay 07/18/2025





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

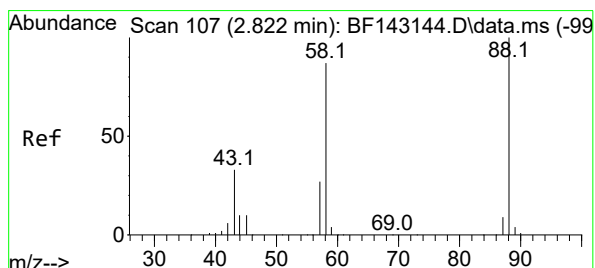
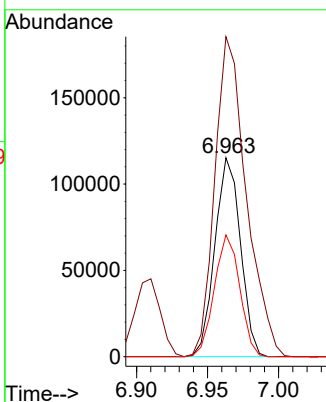
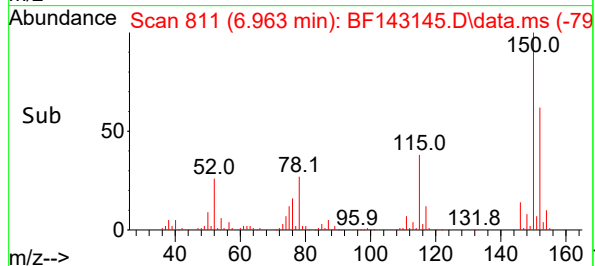
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



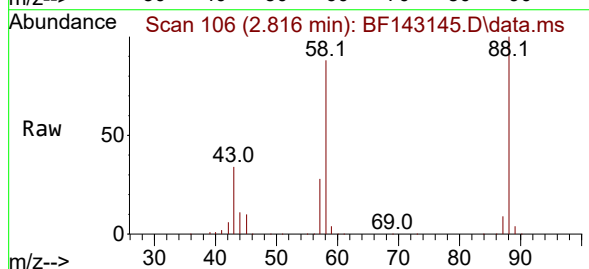
Tgt Ion:152 Resp: 144385
Ion Ratio Lower Upper
152 100
150 160.9 128.2 192.4
115 61.2 47.9 71.9

Manual Integrations
APPROVED

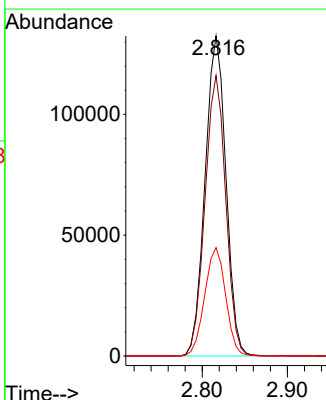
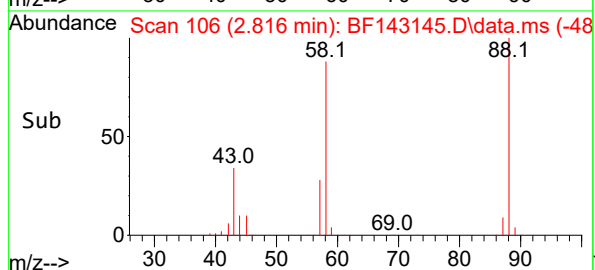
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

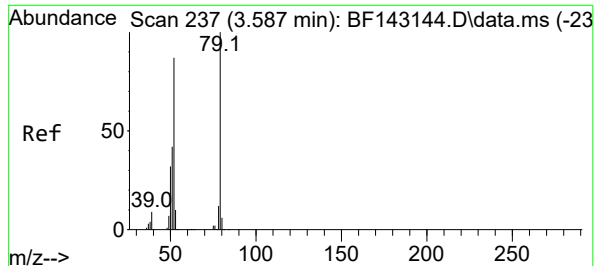


#2
1,4-Dioxane
Concen: 52.289 ng
RT: 2.816 min Scan# 106
Delta R.T. -0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33



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

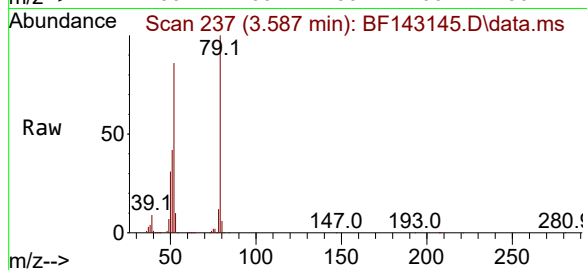
Acq: 17 Jul 2025 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



Tgt Ion: 79 Resp: 584060

Ion Ratio Lower Upper

79 100

52 85.8 69.4 104.2

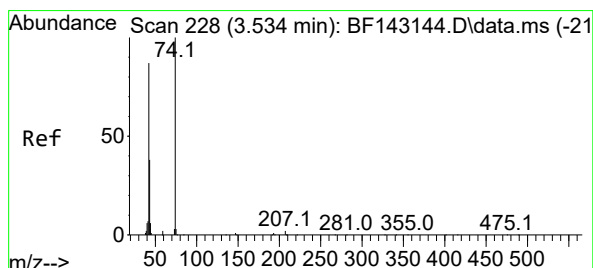
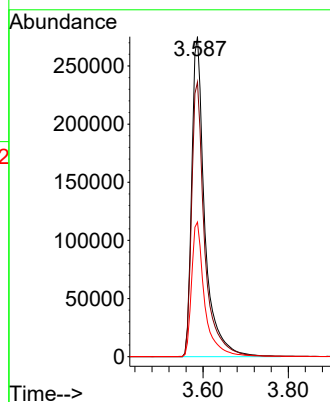
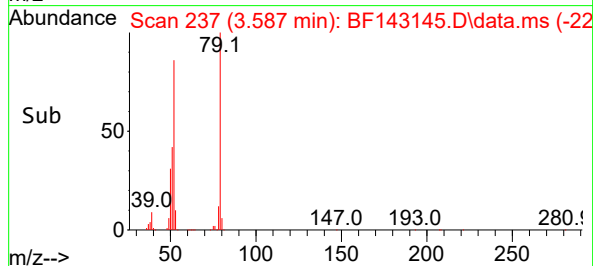
51 42.0 33.5 50.3

Manual Integrations

APPROVED

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

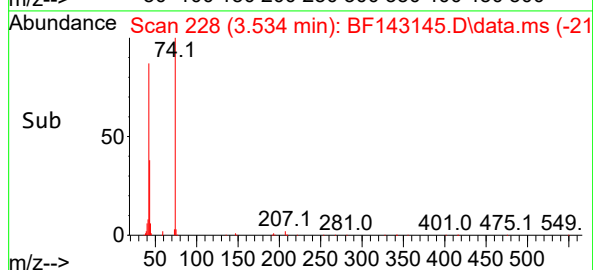
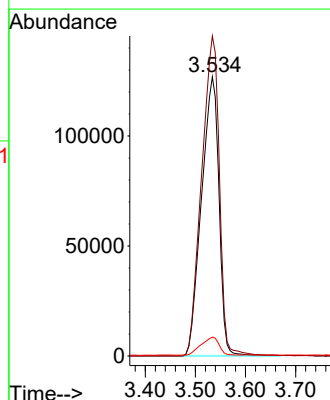
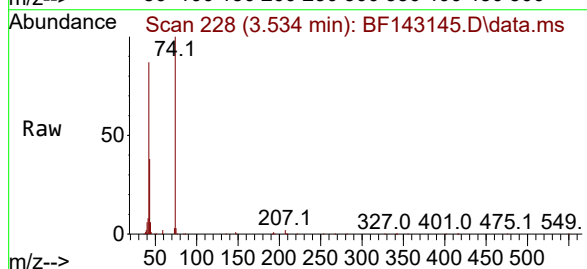
Tgt Ion: 42 Resp: 307202

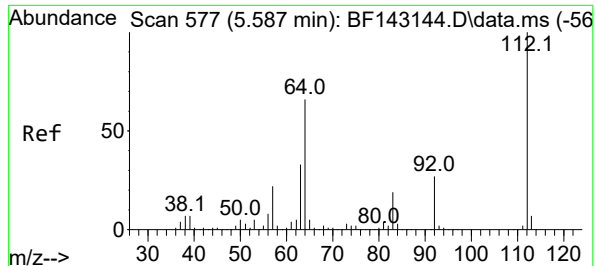
Ion Ratio Lower Upper

42 100

74 114.6 91.7 137.5

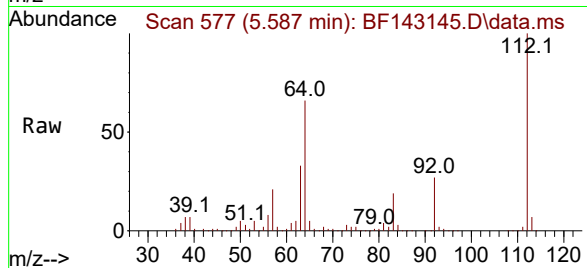
44 6.8 5.6 8.4





#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

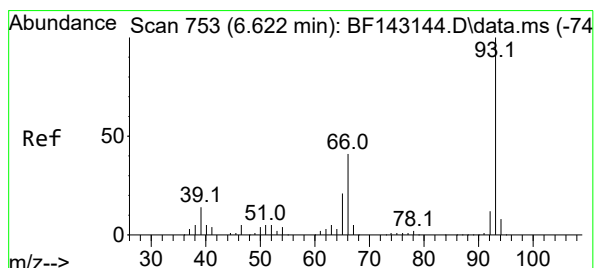
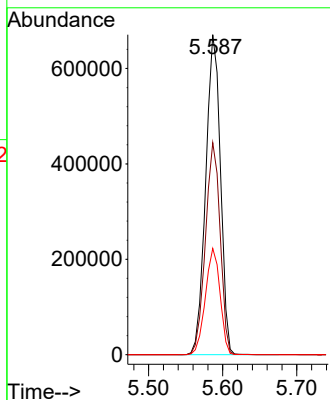
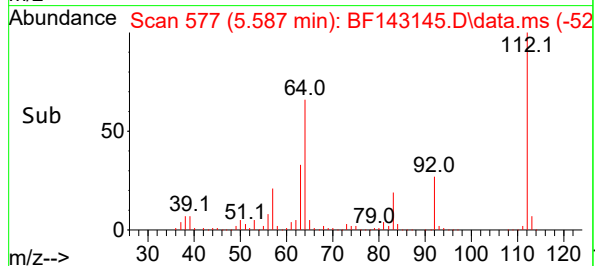
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



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

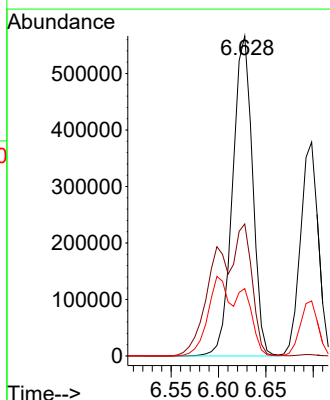
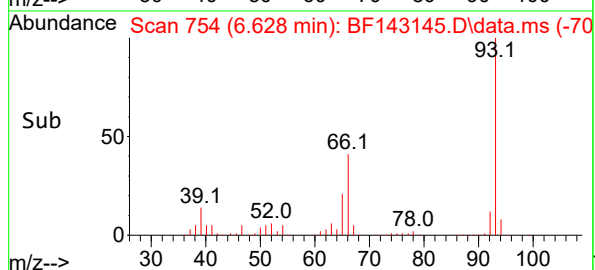
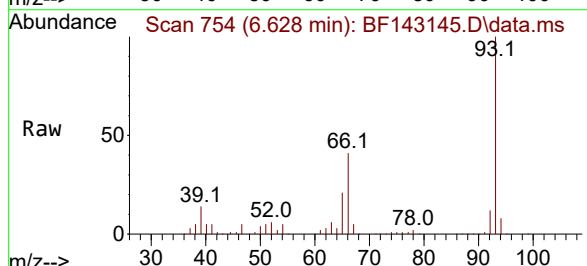
Manual Integrations
APPROVED

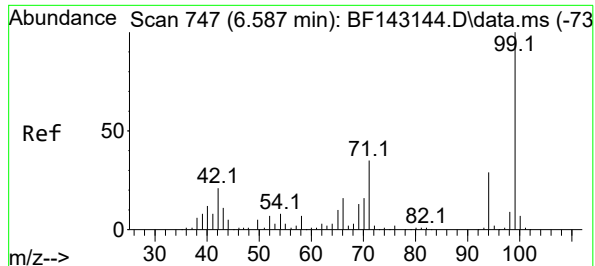
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

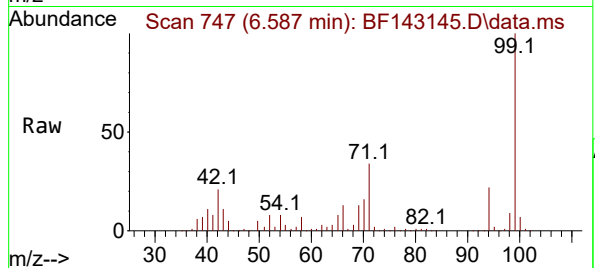
Tgt Ion: 93 Resp: 827275
Ion Ratio Lower Upper
93 100
66 41.2 33.2 49.8
65 21.1 16.9 25.3





#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

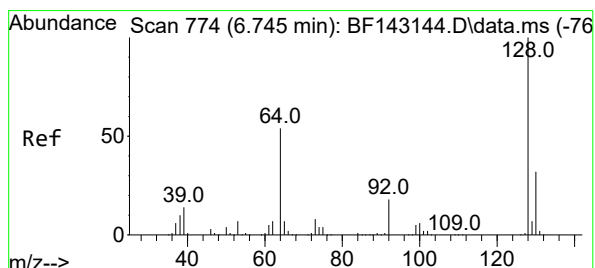
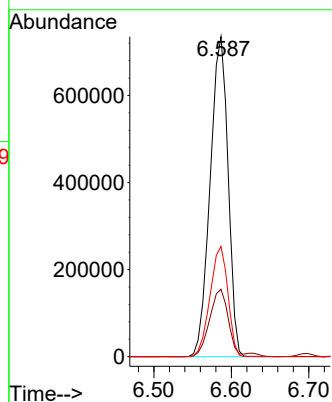
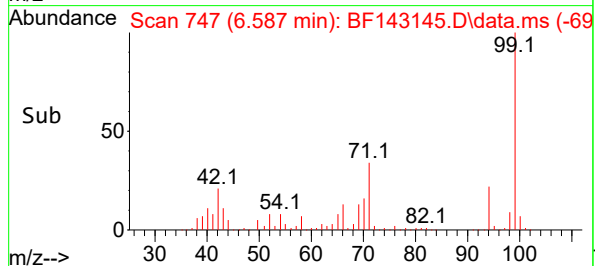
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



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

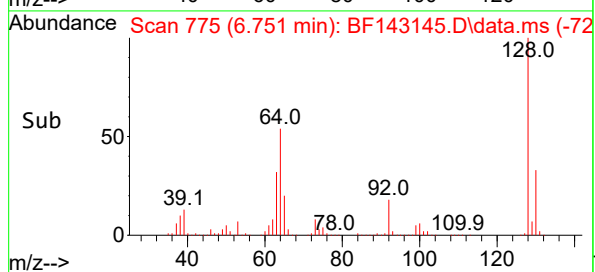
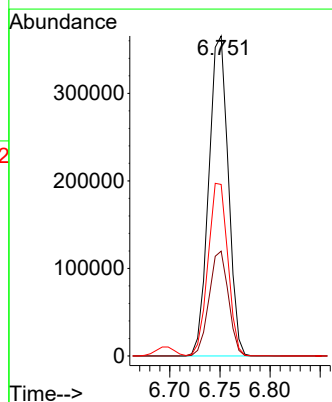
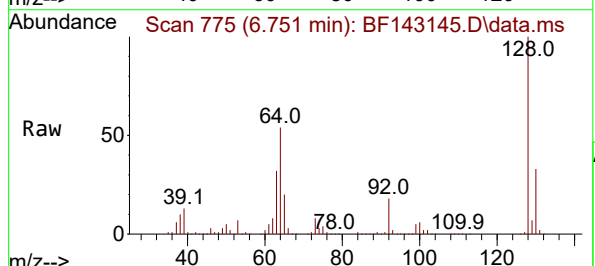
Manual Integrations
APPROVED

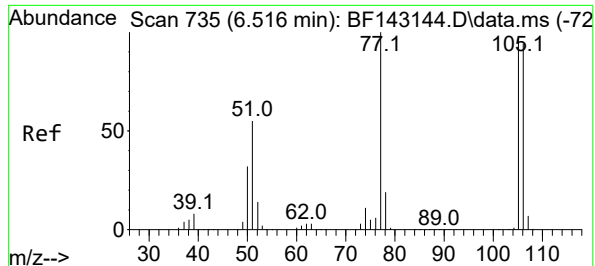
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

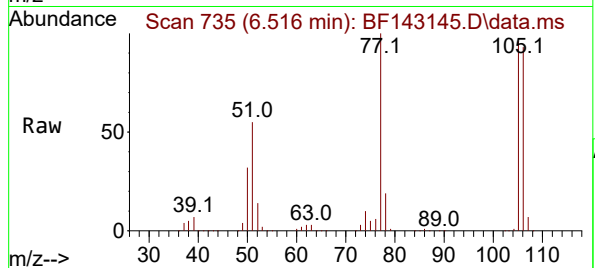
Tgt Ion:128 Resp: 493989
Ion Ratio Lower Upper
128 100
130 32.8 12.3 52.3
64 53.6 35.9 75.9





#9
Benzaldehyde
Concen: 59.162 ng
RT: 6.516 min Scan# 710
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

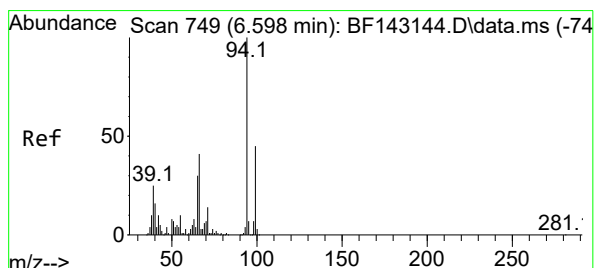
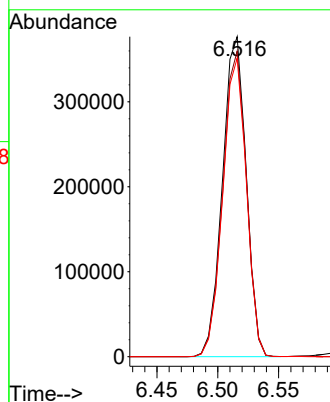
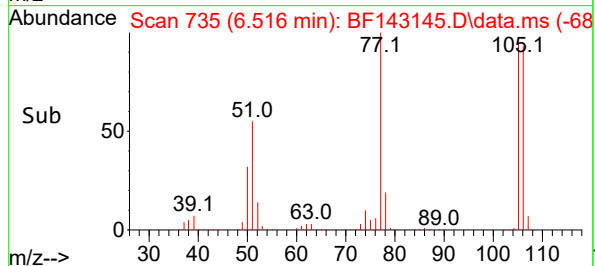
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



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

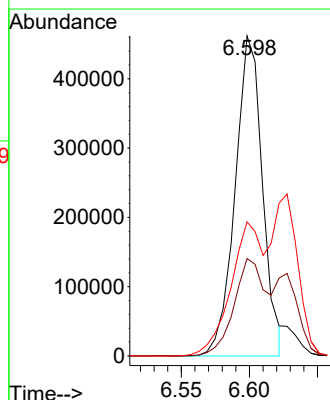
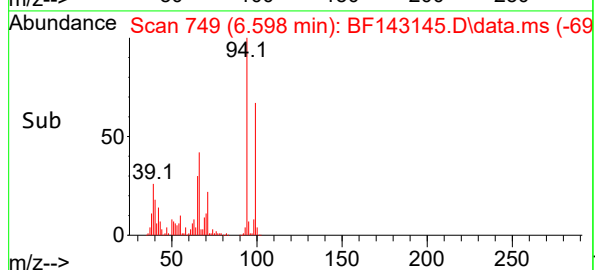
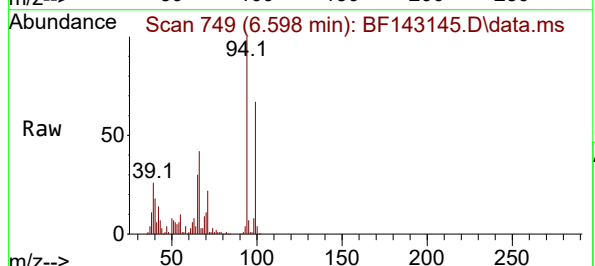
Manual Integrations
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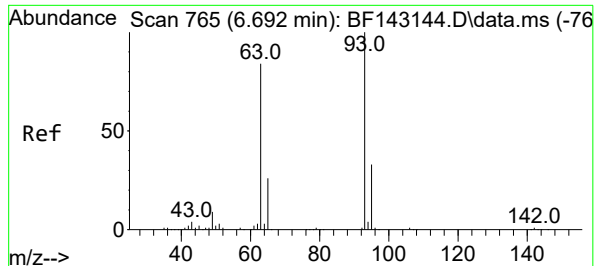
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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





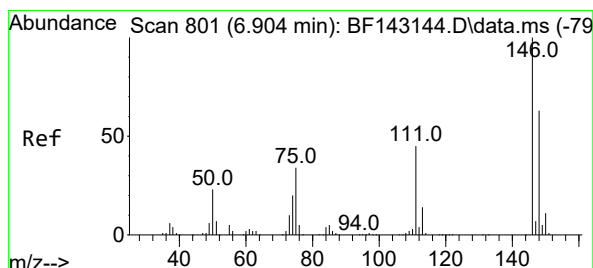
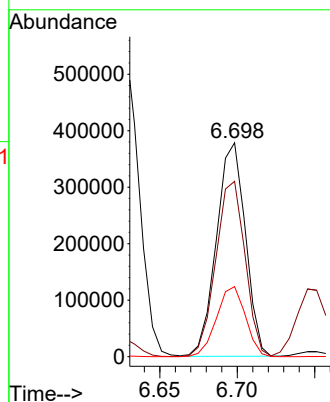
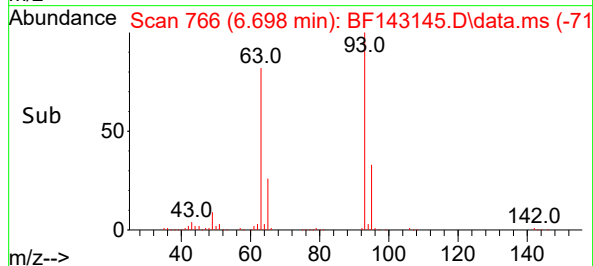
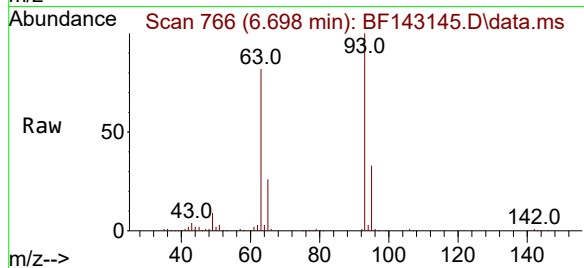
#11
bis(2-Chloroethyl)ether
Concen: 51.295 ng
RT: 6.698 min Scan# 766
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

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

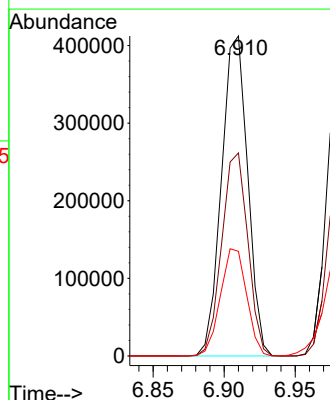
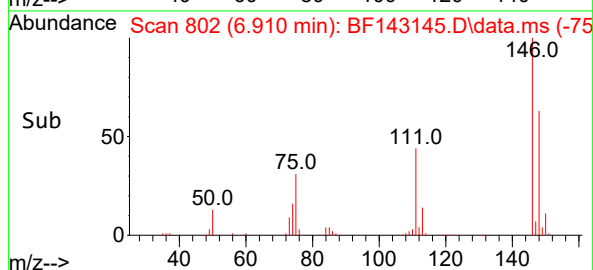
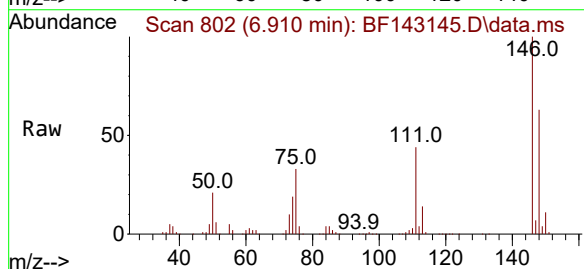
Manual Integrations
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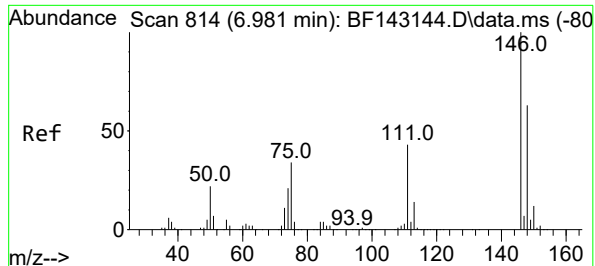
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#12
1,3-Dichlorobenzene
Concen: 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

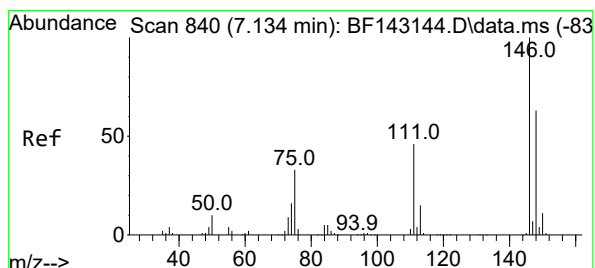
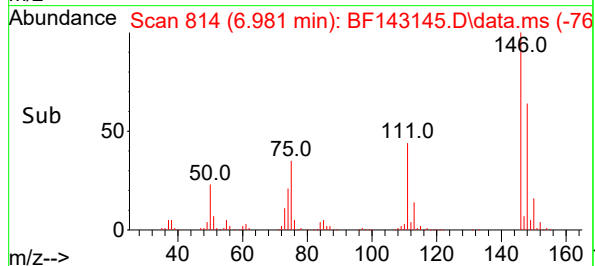
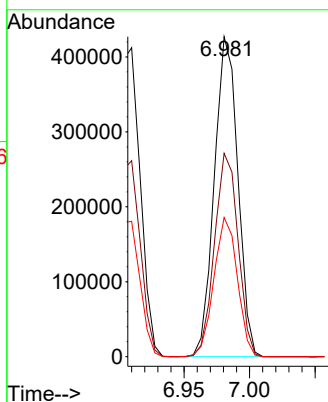
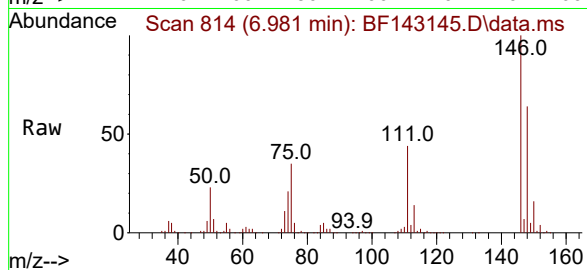
111 43.5 34.4 51.6

Manual Integrations

APPROVED

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

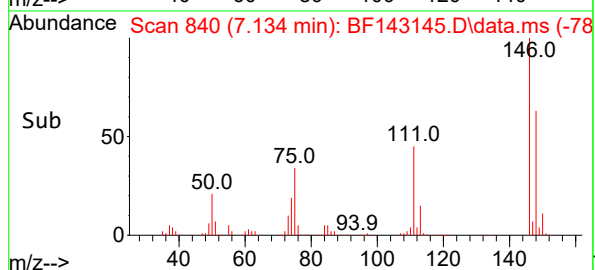
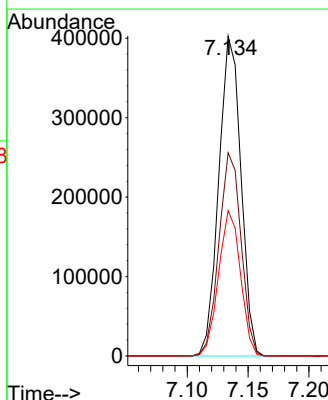
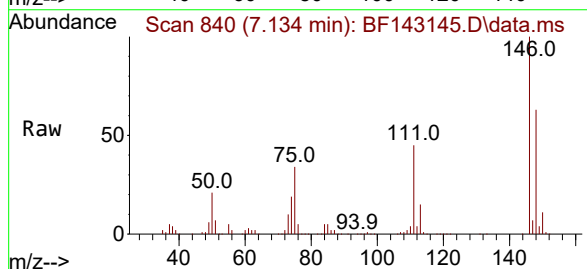
Tgt Ion:146 Resp: 510140

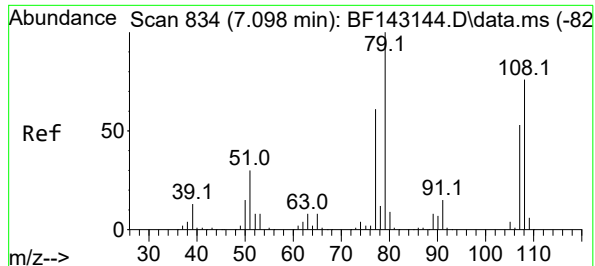
Ion Ratio Lower Upper

146 100

148 63.5 50.7 76.1

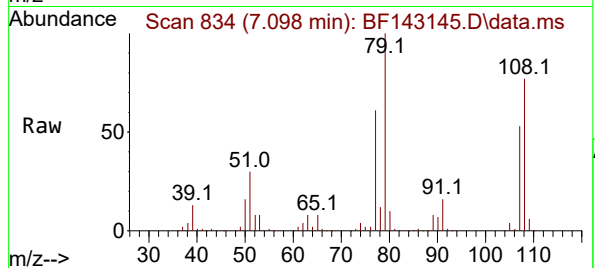
111 45.4 36.6 54.8





#15
Benzyl Alcohol
Concen: 52.616 ng
RT: 7.098 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

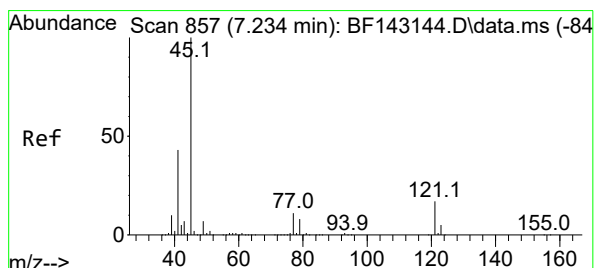
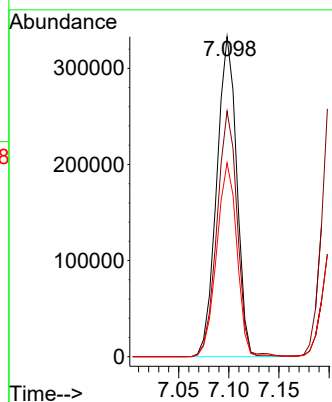
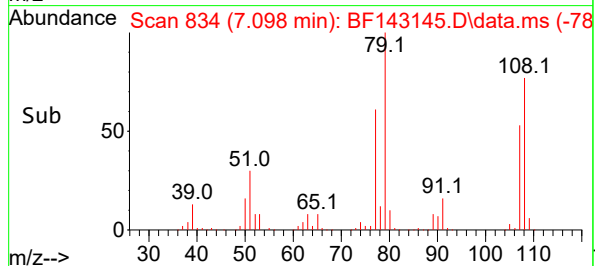
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



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

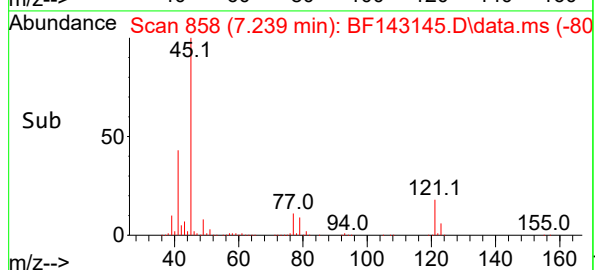
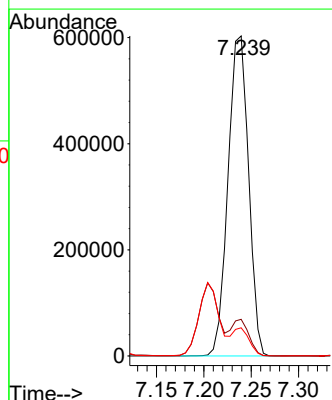
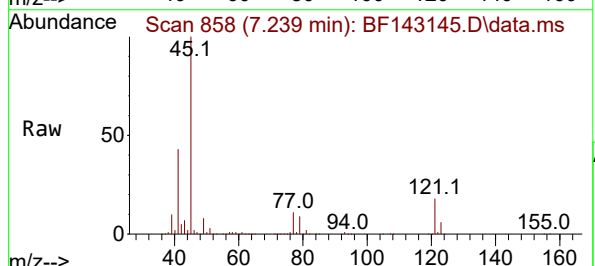
Manual Integrations
APPROVED

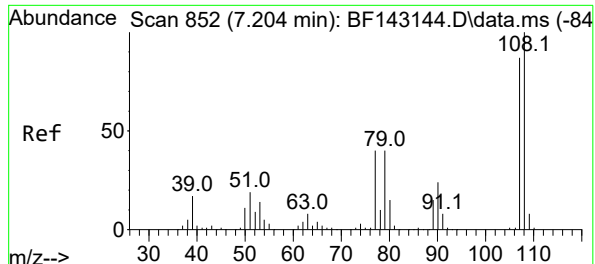
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

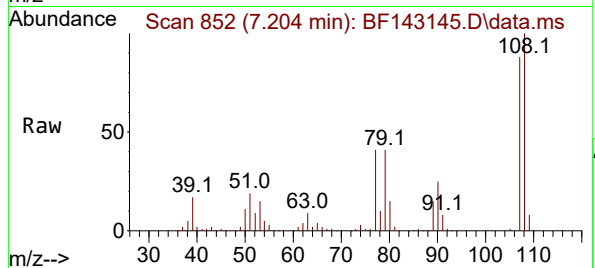
Tgt Ion: 45 Resp: 908530
Ion Ratio Lower Upper
45 100
77 11.4 0.0 31.2
79 8.8 0.0 28.5





#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

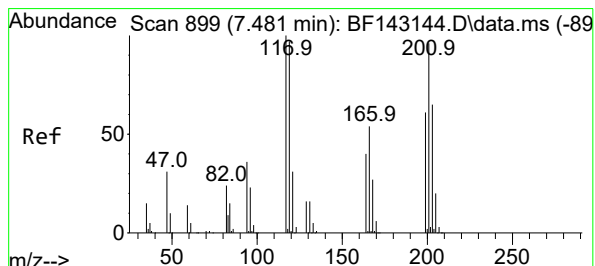
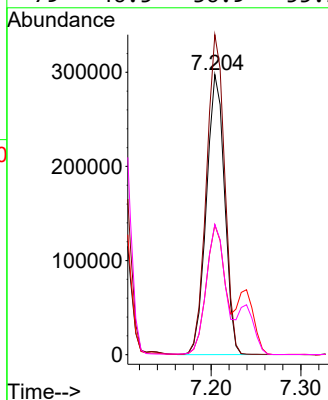
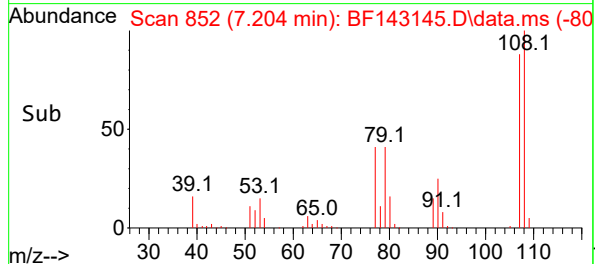
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



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

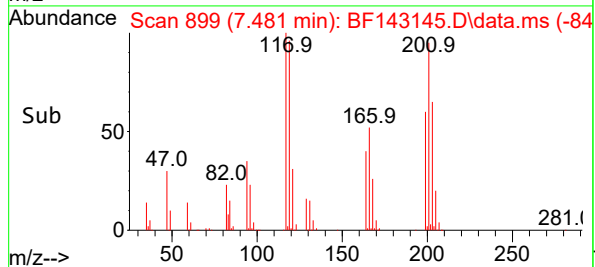
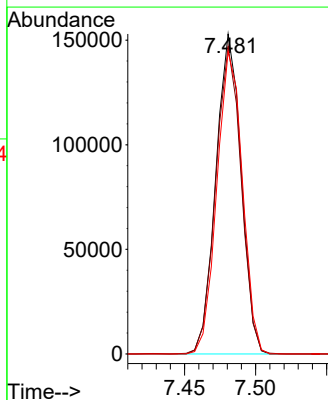
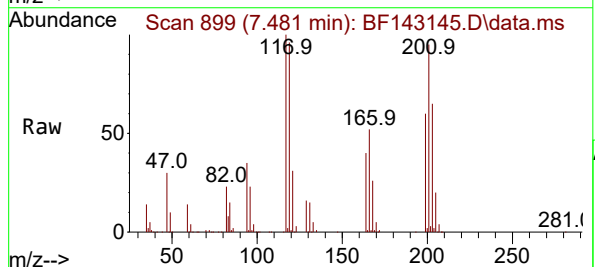
Manual Integrations
APPROVED

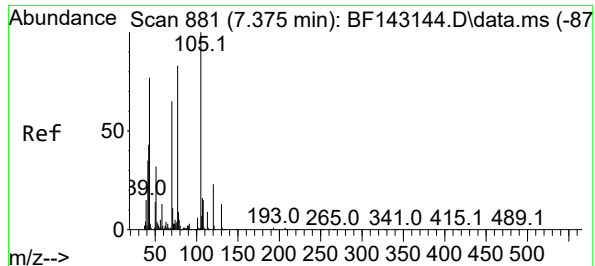
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

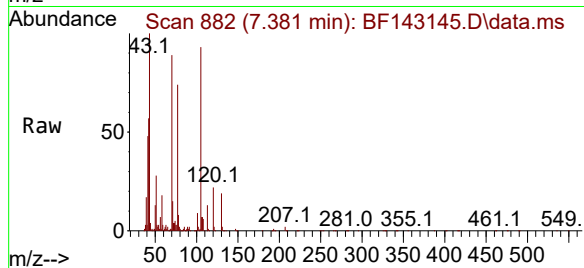
Tgt Ion:117 Resp: 189394
Ion Ratio Lower Upper
117 100
119 96.2 77.8 116.8
201 94.5 77.0 115.4





#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

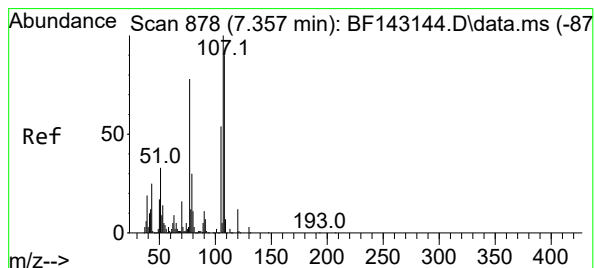
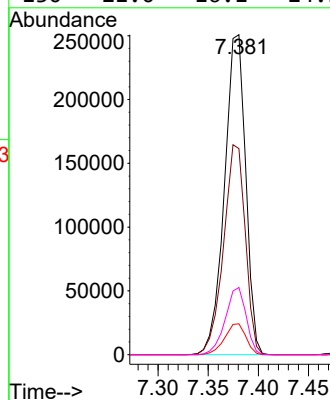
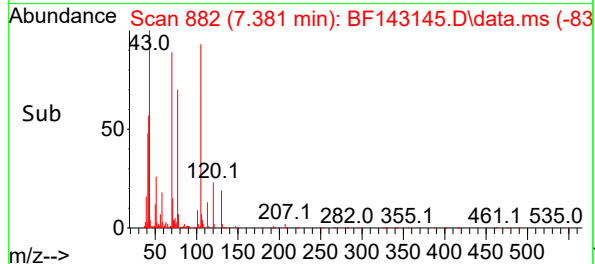
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



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

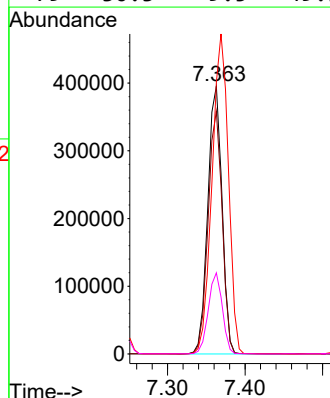
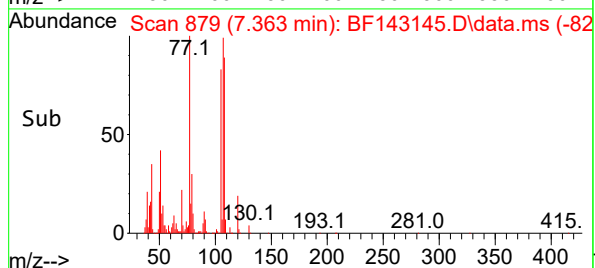
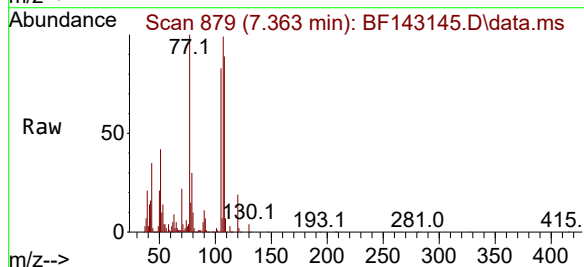
Manual Integrations
APPROVED

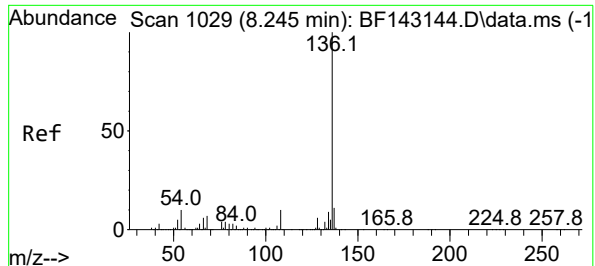
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

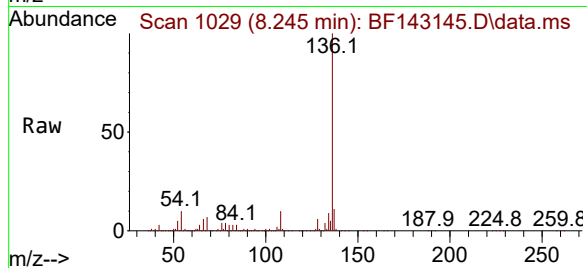
Tgt Ion:107 Resp: 506069
Ion Ratio Lower Upper
107 100
108 90.7 70.0 110.0
77 101.5 57.8 97.8#
79 30.3 9.5 49.5





#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

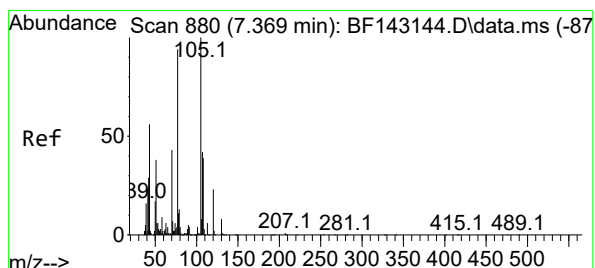
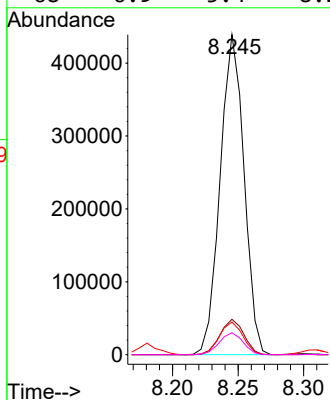
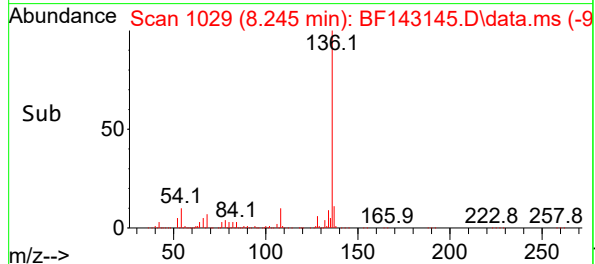
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



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

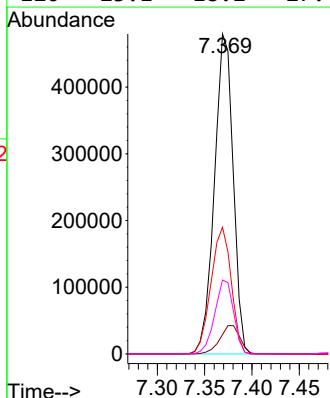
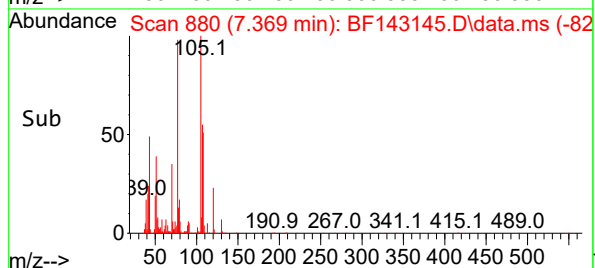
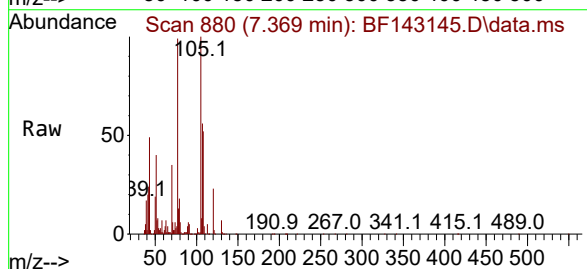
Manual Integrations
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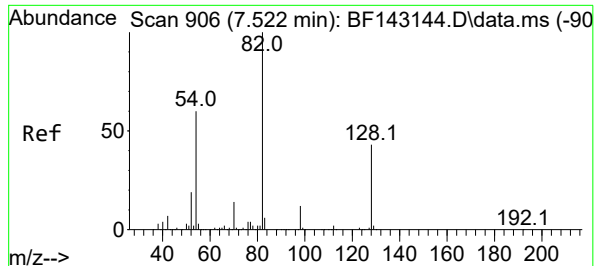
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

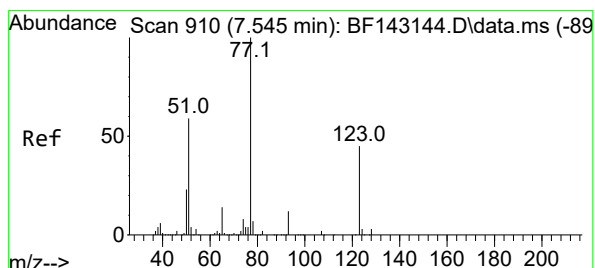
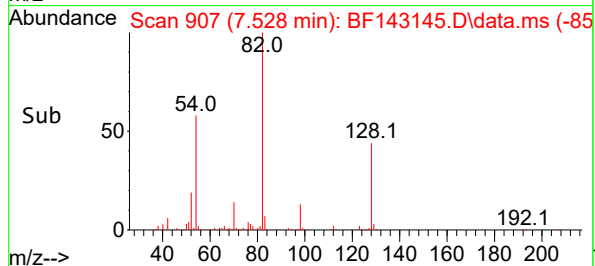
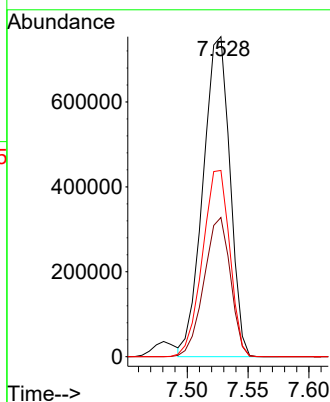
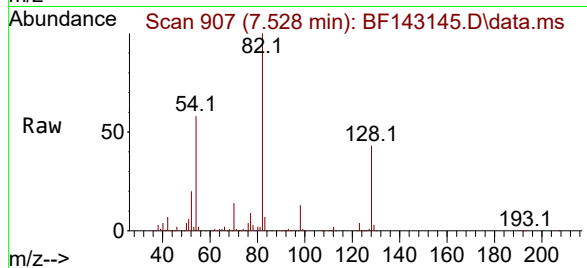
54 58.2 47.1 70.7

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

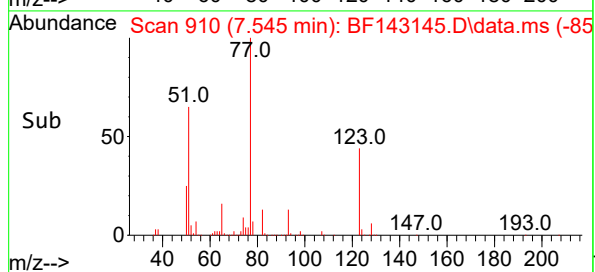
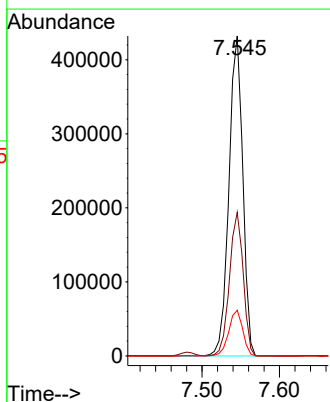
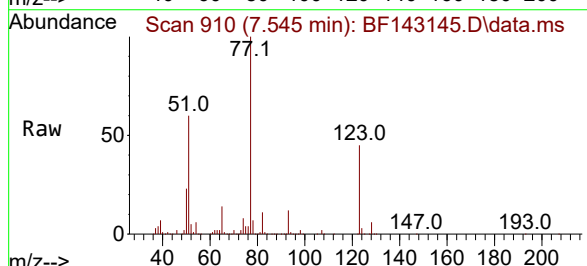
Tgt Ion: 77 Resp: 538666

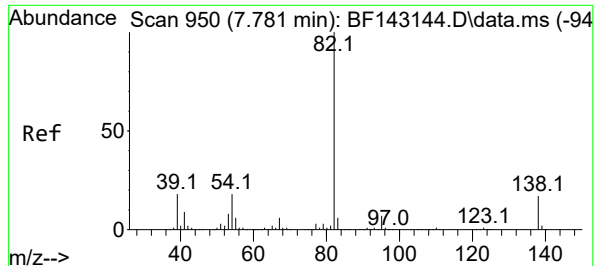
Ion Ratio Lower Upper

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

ClientSampleId :

SSTDIC050

Tgt Ion: 82 Resp: 101878

Ion Ratio Lower Upper

82 100

95 7.0 5.5 8.3

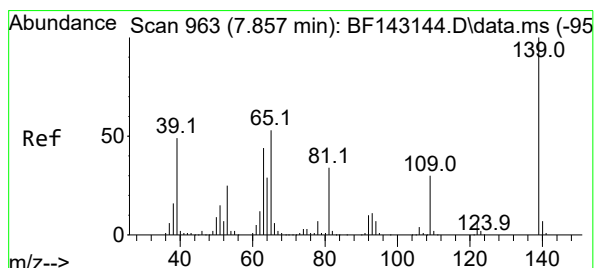
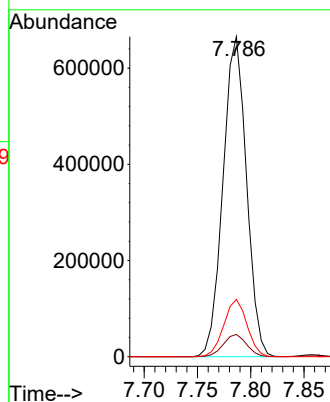
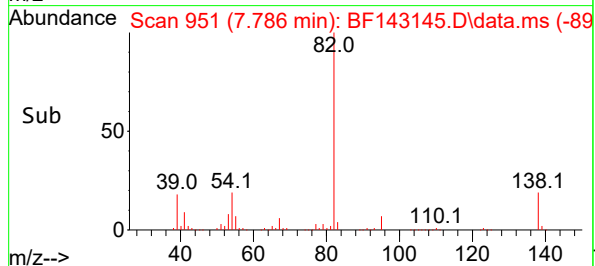
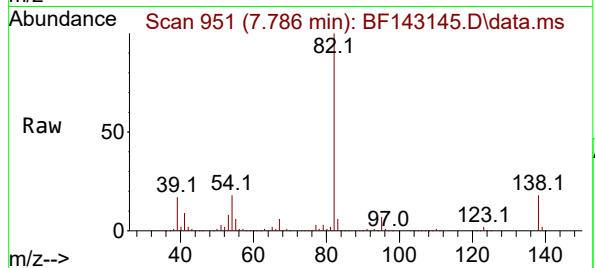
138 17.9 13.8 20.8

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

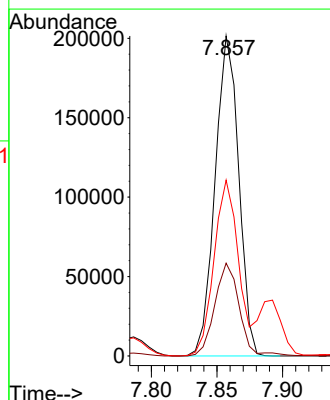
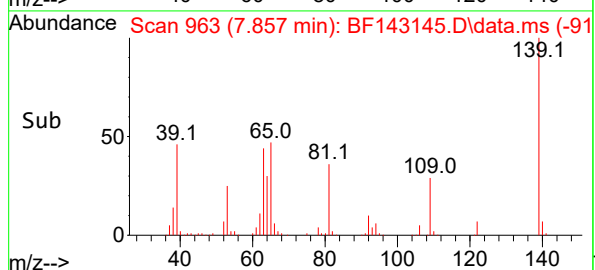
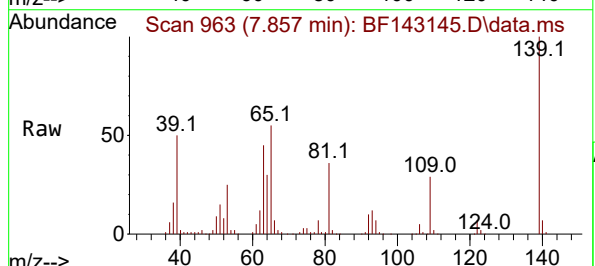
Tgt Ion:139 Resp: 252169

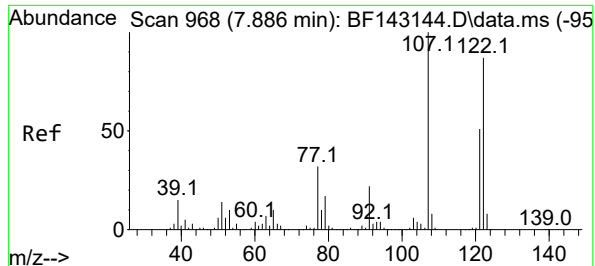
Ion Ratio Lower Upper

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

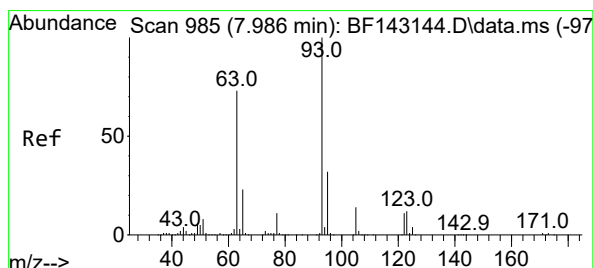
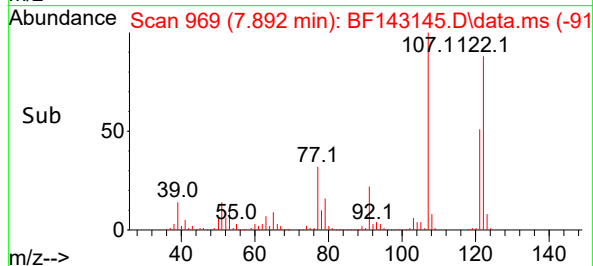
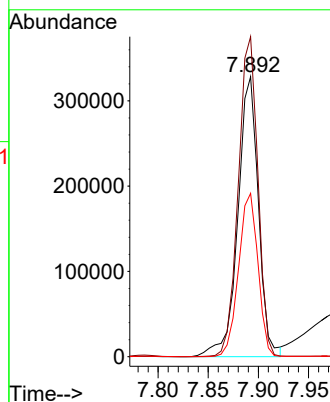
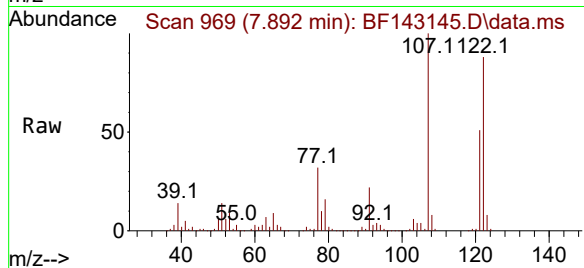
121 58.4 46.3 69.5

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

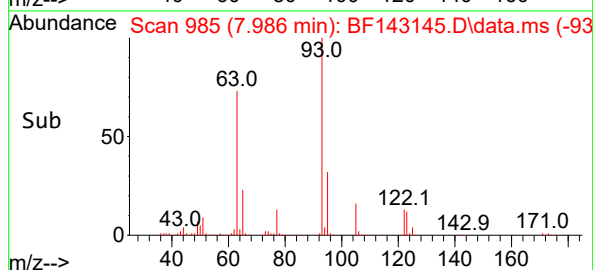
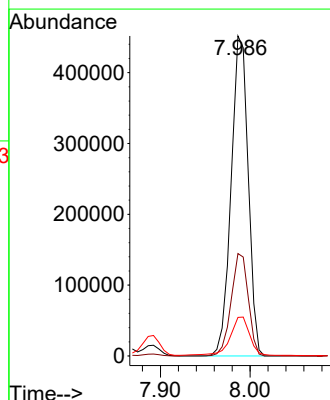
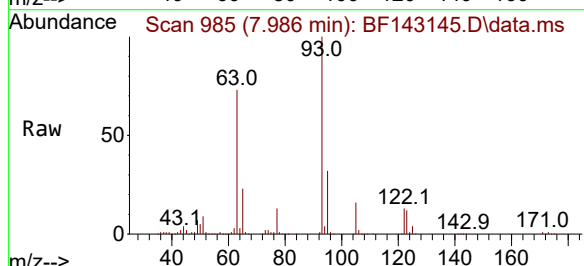
Tgt Ion: 93 Resp: 597241

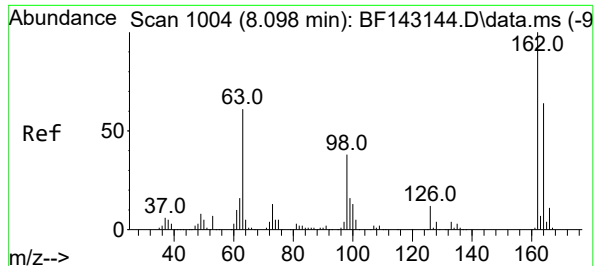
Ion Ratio Lower Upper

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

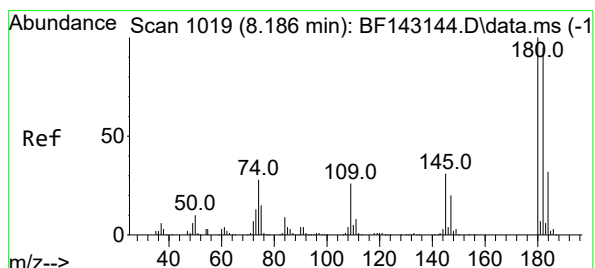
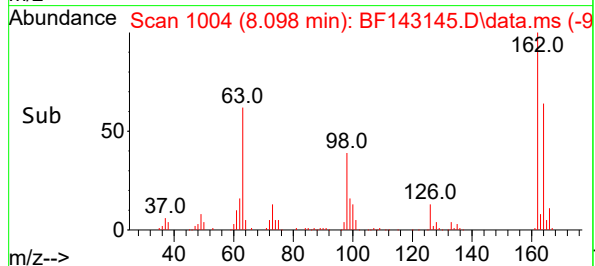
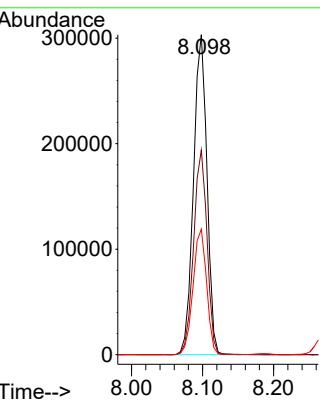
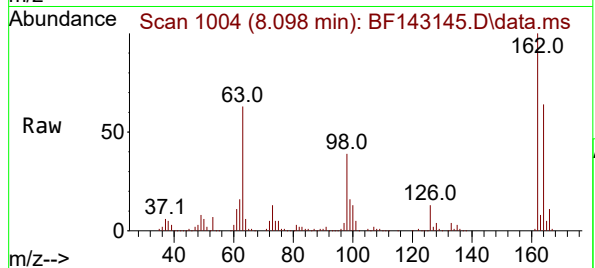
98 39.2 17.9 57.9

Manual Integrations

APPROVED

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

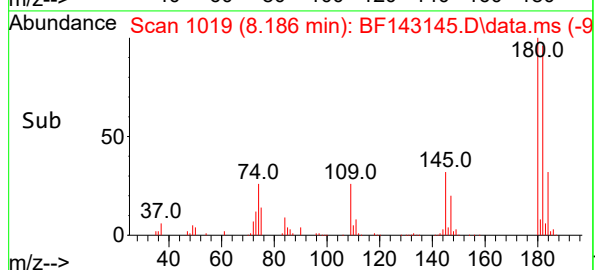
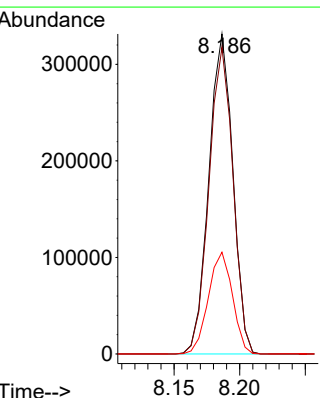
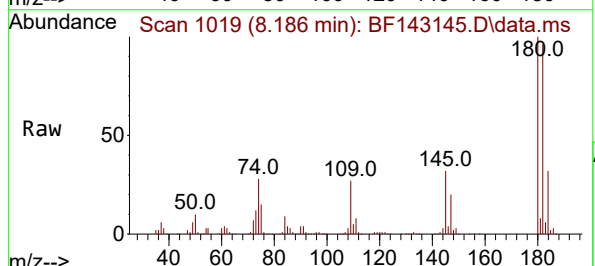
Tgt Ion:180 Resp: 420763

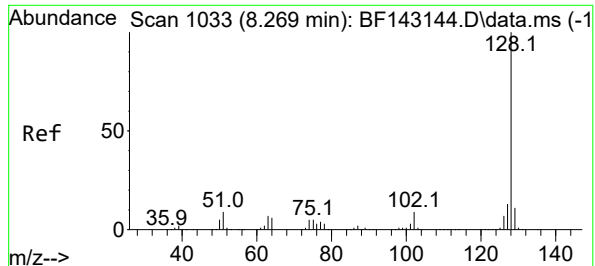
Ion Ratio Lower Upper

180 100

182 95.8 76.2 114.2

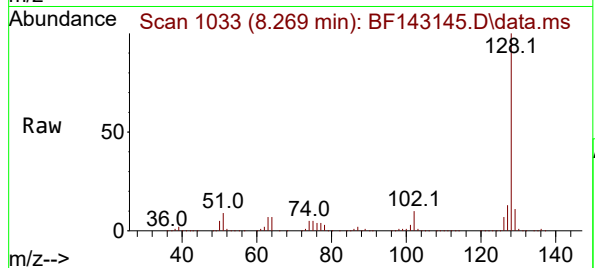
145 31.8 25.0 37.6





#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

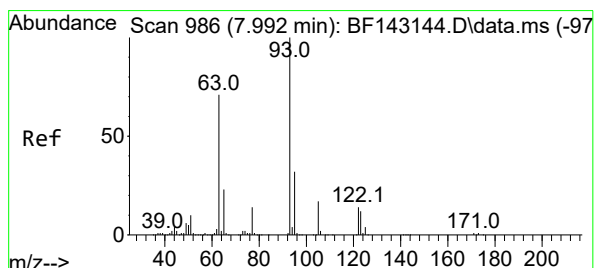
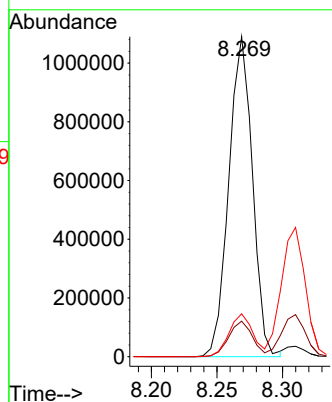
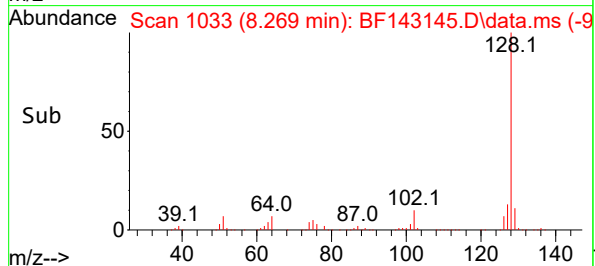
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



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

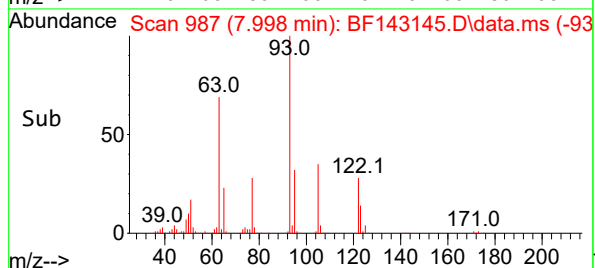
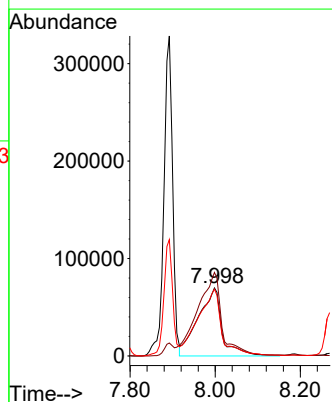
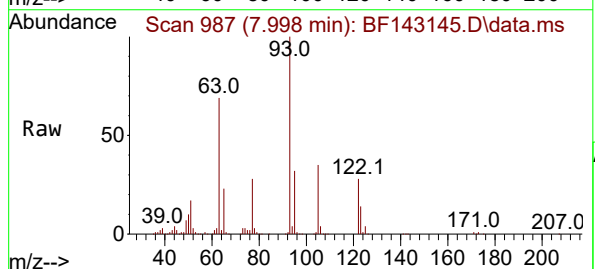
Manual Integrations
APPROVED

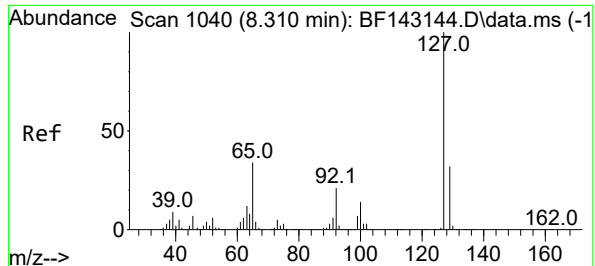
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

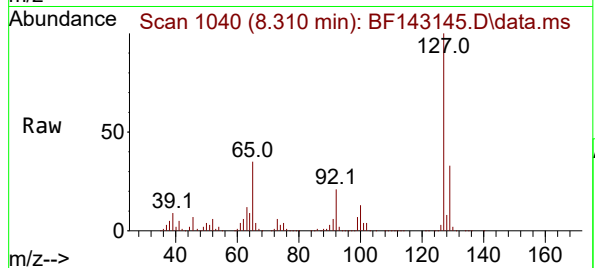
Tgt Ion:122 Resp: 273361
Ion Ratio Lower Upper
122 100
105 123.0 104.8 144.8
77 98.4 77.6 117.6





#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

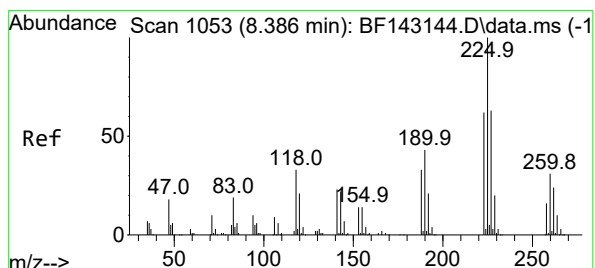
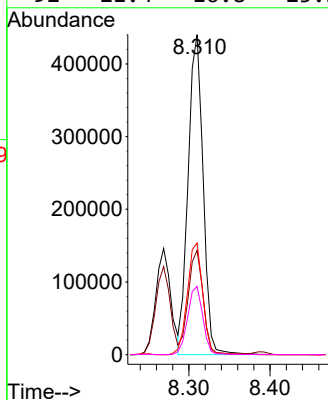
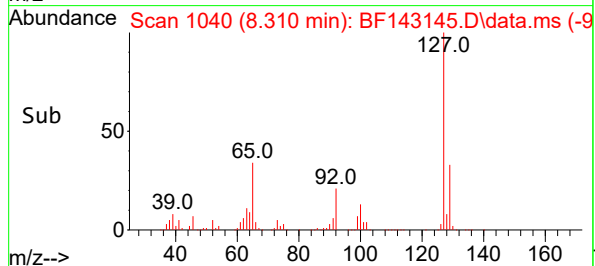
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



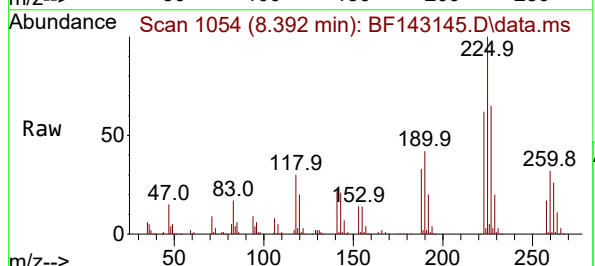
Tgt Ion:127 Resp: 56642
Ion Ratio Lower Upper
127 100
129 32.6 26.0 39.0
65 34.9 27.4 41.2
92 21.4 16.8 25.2

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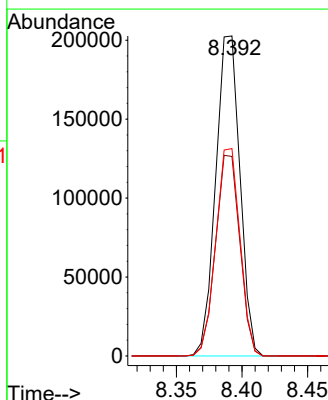
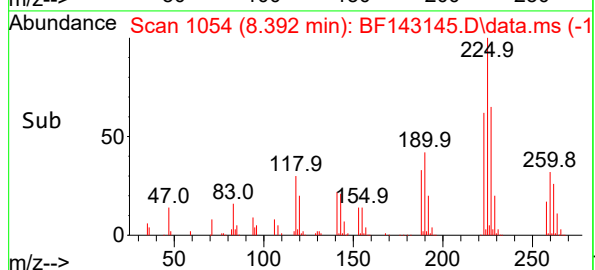
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

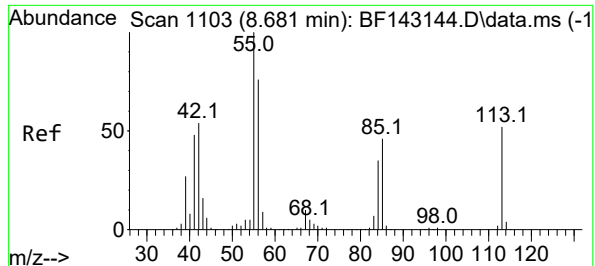


#34
Hexachlorobutadiene
Concen: 50.976 ng
RT: 8.392 min Scan# 1054
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33



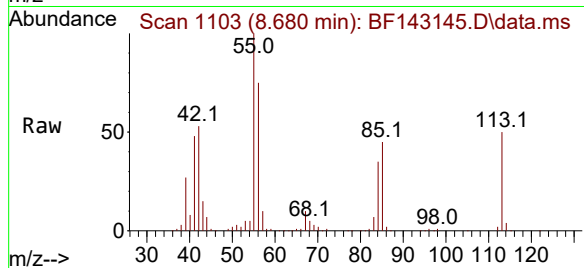
Tgt Ion:225 Resp: 260787
Ion Ratio Lower Upper
225 100
223 62.3 49.8 74.6
227 64.8 50.2 75.4





#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

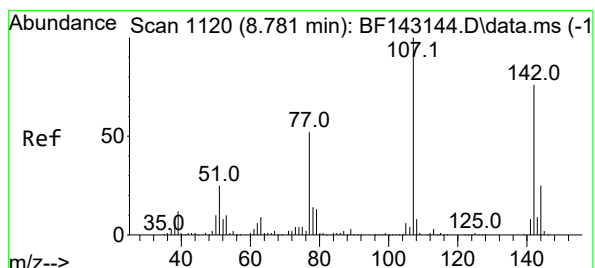
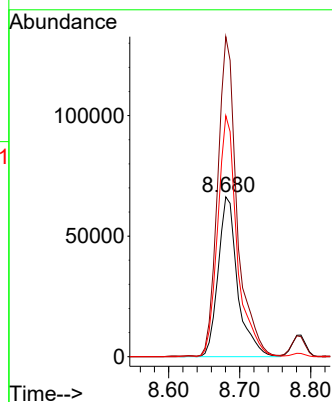
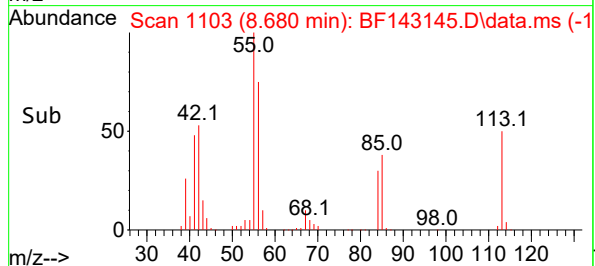
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



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

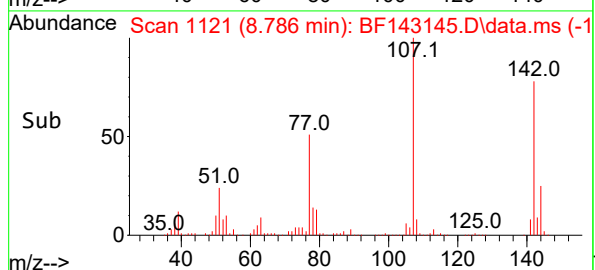
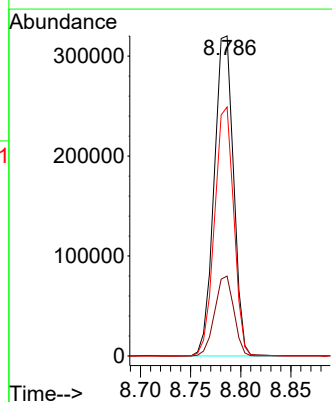
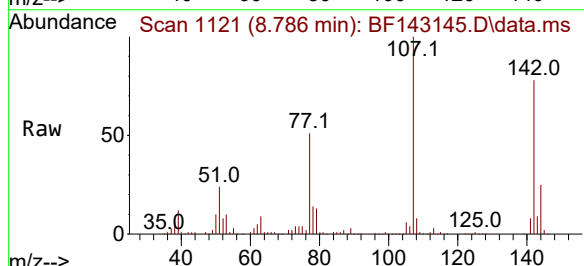
Manual Integrations
APPROVED

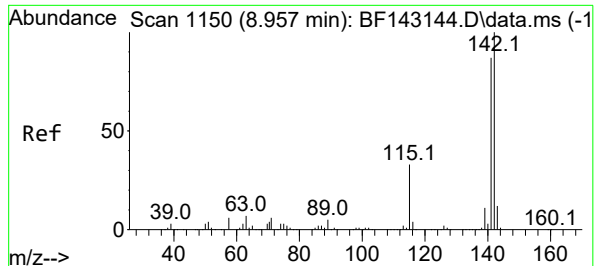
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

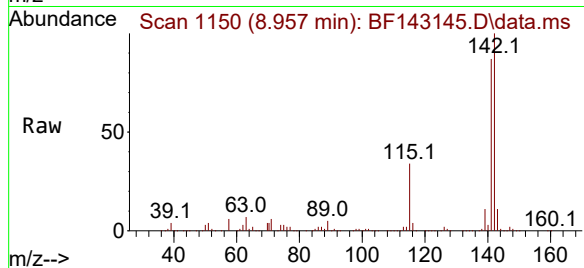
Tgt Ion:107 Resp: 431745
Ion Ratio Lower Upper
107 100
144 25.0 19.8 29.6
142 77.8 60.6 90.8





#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

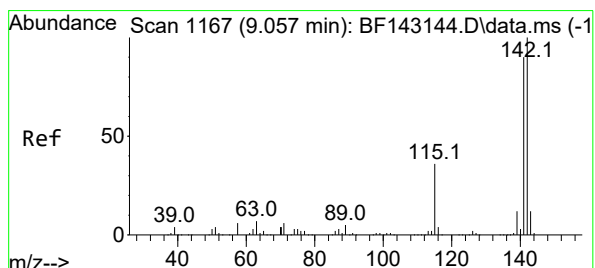
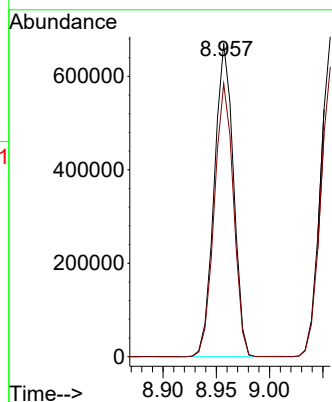
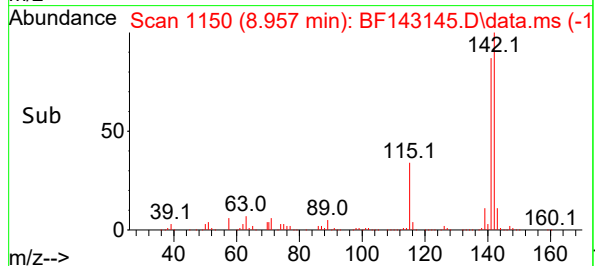
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



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

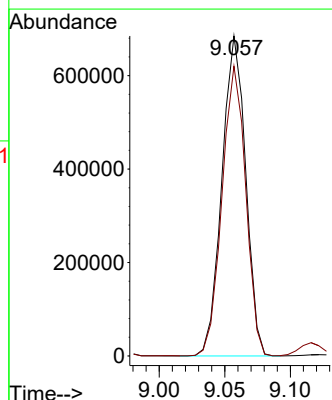
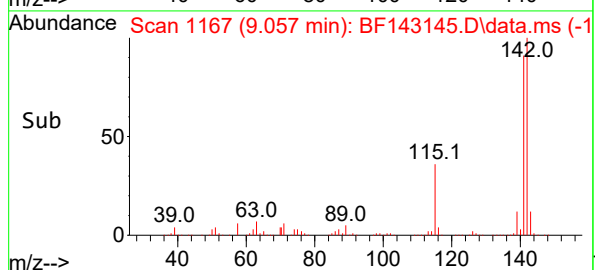
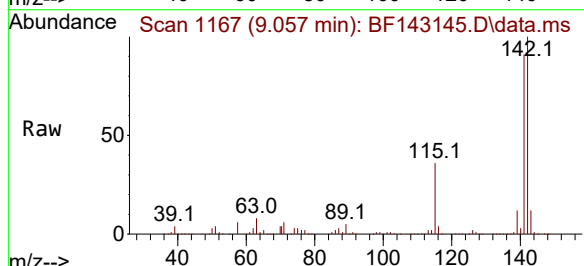
Manual Integrations
APPROVED

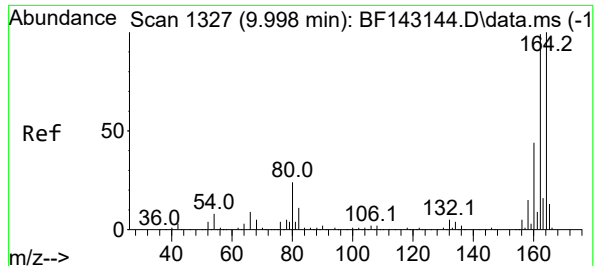
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

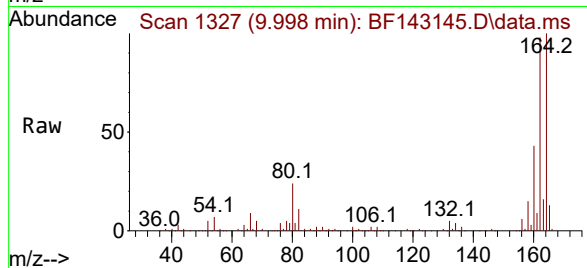
Acq: 17 Jul 2025 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



Tgt Ion:164 Resp: 28365

Ion Ratio Lower Upper

164 100

162 98.3 79.0 118.6

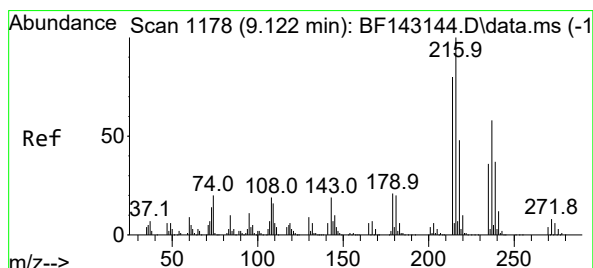
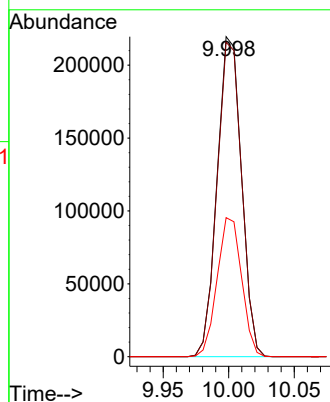
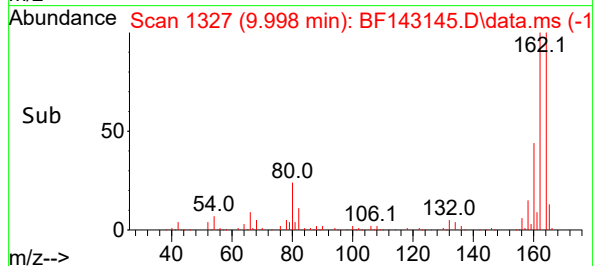
160 43.5 35.1 52.7

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#40

1,2,4,5-Tetrachlorobenzene

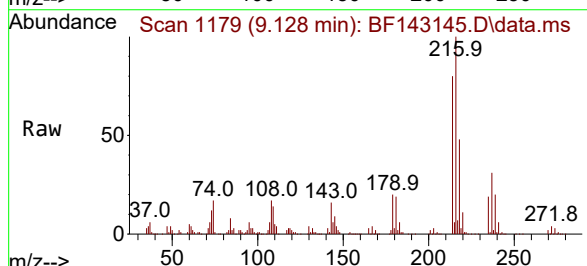
Concen: 50.420 ng

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

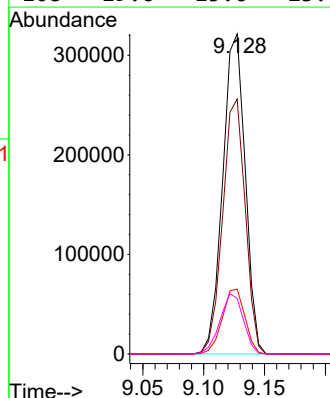
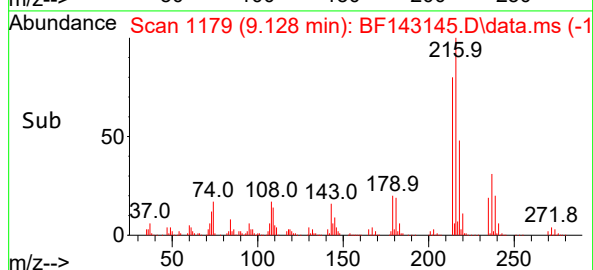
Ion Ratio Lower Upper

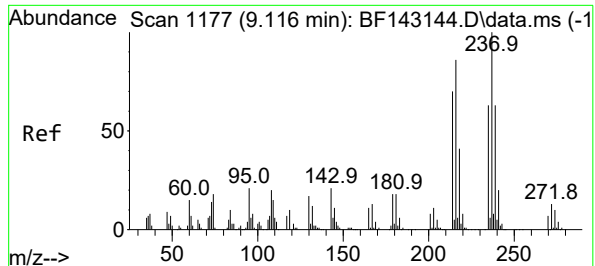
216 100

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

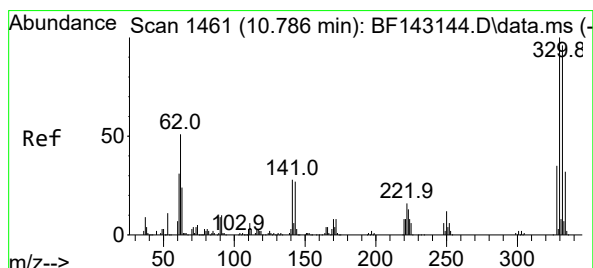
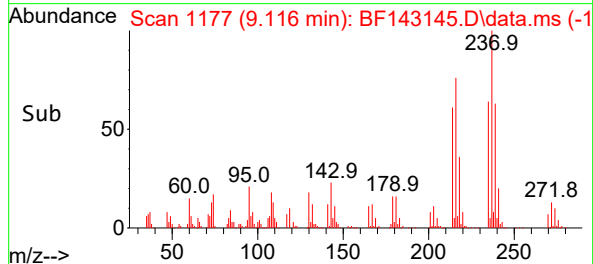
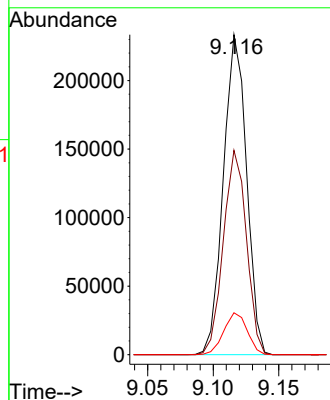
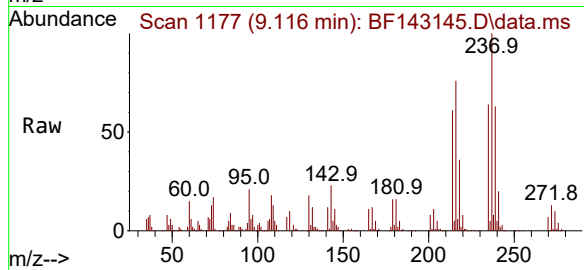
272 13.1 0.0 33.3

Manual Integrations

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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

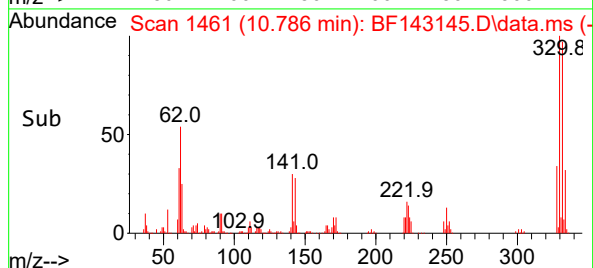
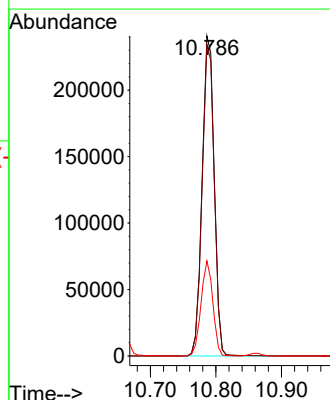
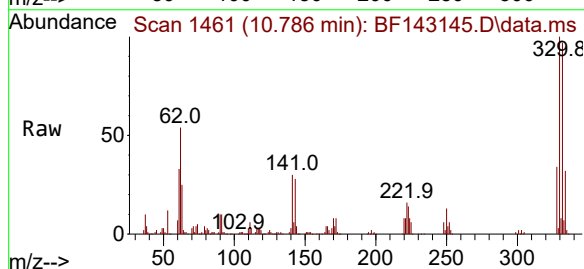
Tgt Ion:330 Resp: 309465

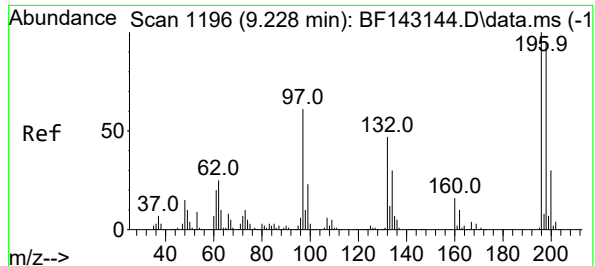
Ion Ratio Lower Upper

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

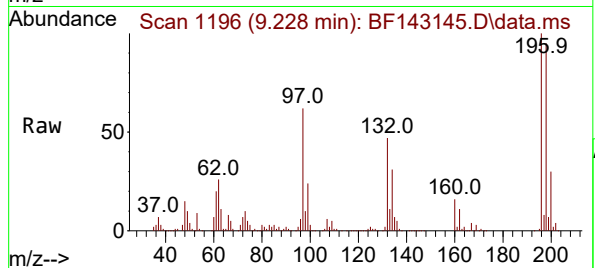
Acq: 17 Jul 2025 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



Tgt Ion:196 Resp: 304460

Ion Ratio Lower Upper

196 100

198 95.2 76.2 114.2

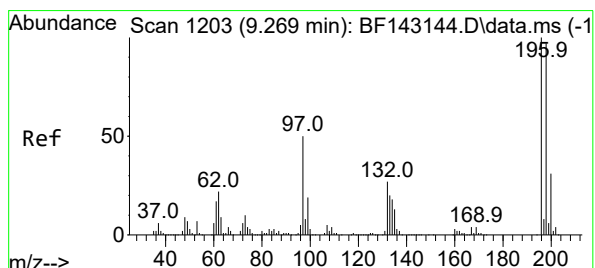
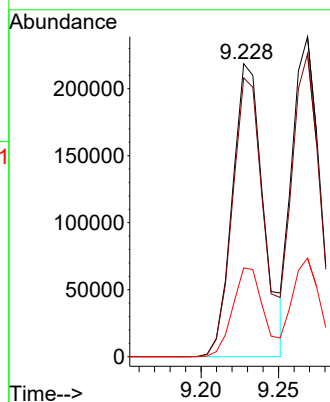
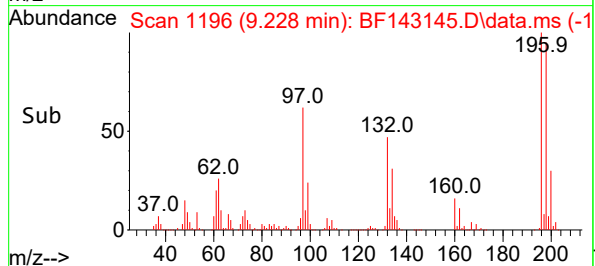
200 30.3 23.9 35.9

Manual Integrations

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Supervised By :Jagrut Upadhyay 07/18/2025



#44

2,4,5-Trichlorophenol

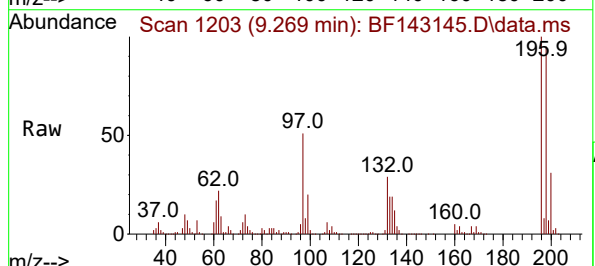
Concen: 51.434 ng

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

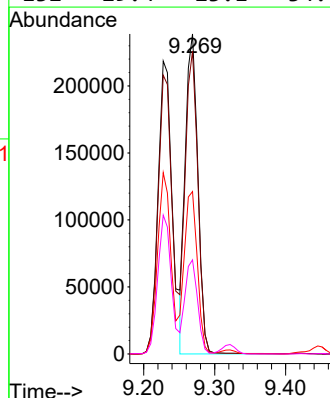
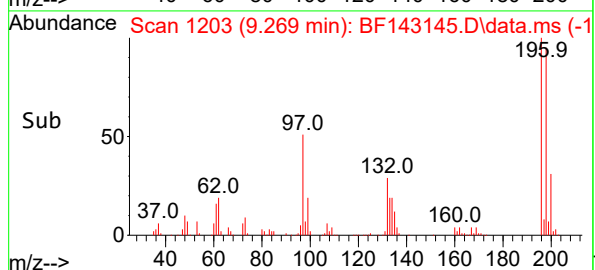
Ion Ratio Lower Upper

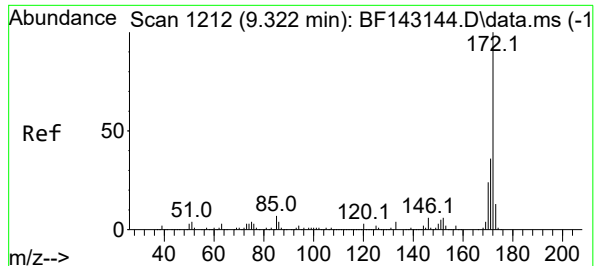
196 100

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

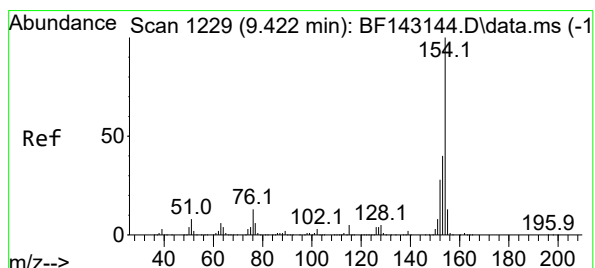
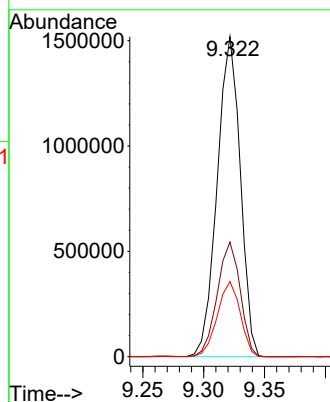
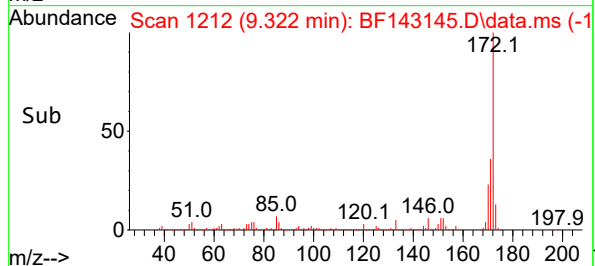
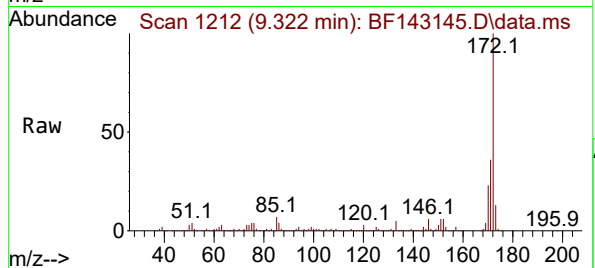
170 23.5 18.8 28.2

Manual Integrations

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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

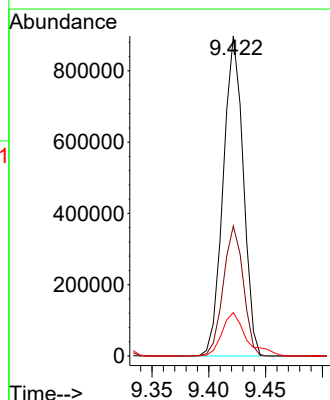
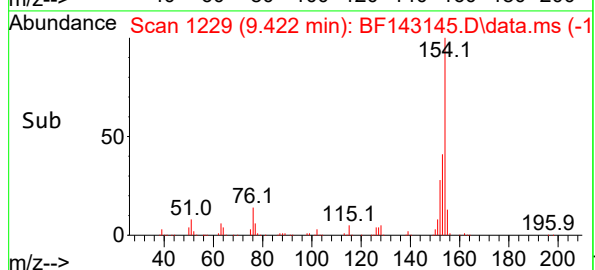
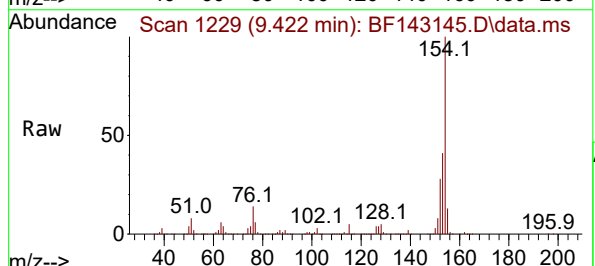
Tgt Ion:154 Resp: 1101317

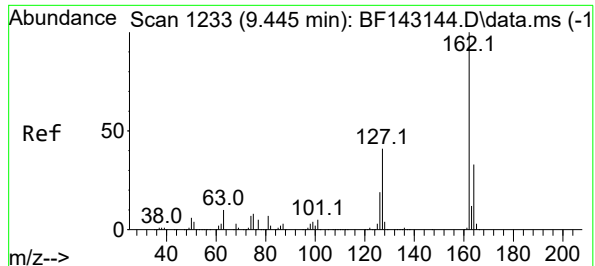
Ion Ratio Lower Upper

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

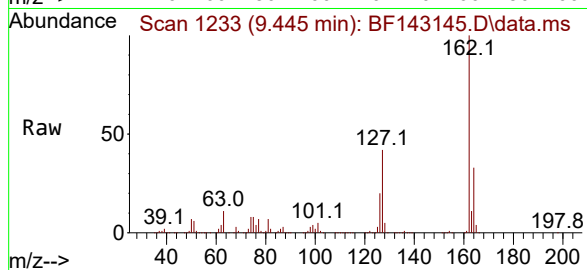
Acq: 17 Jul 2025 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



Tgt Ion:162 Resp: 826749

Ion Ratio Lower Upper

162 100

127 42.3 33.4 50.2

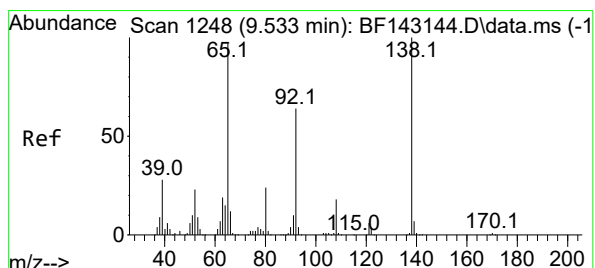
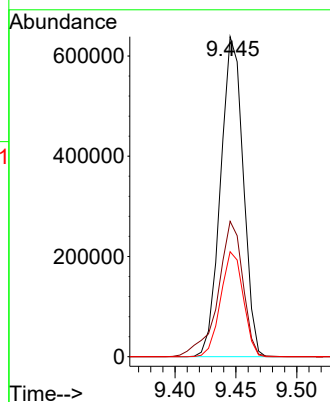
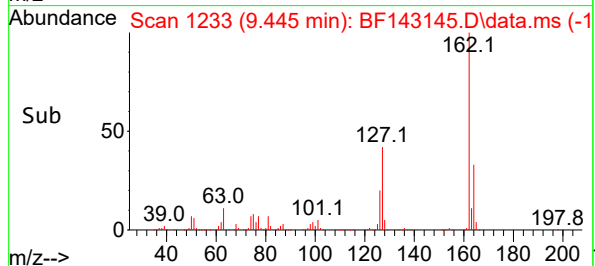
164 32.8 26.2 39.2

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#48

2-Nitroaniline

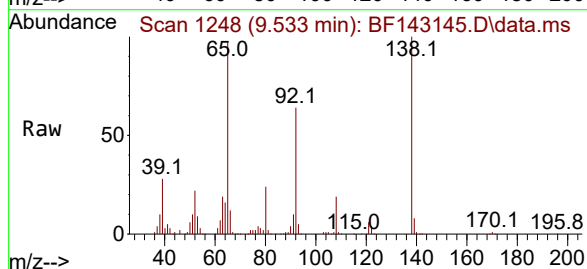
Concen: 54.736 ng

RT: 9.533 min Scan# 1248

Delta R.T. -0.000 min

Lab File: BF143145.D

Acq: 17 Jul 2025 13:33



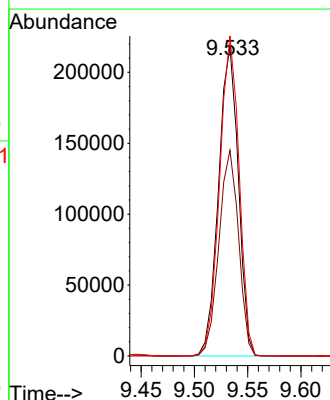
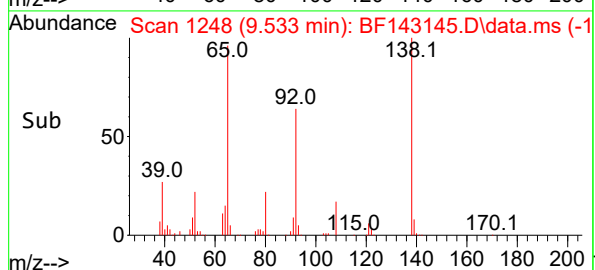
Tgt Ion: 65 Resp: 281082

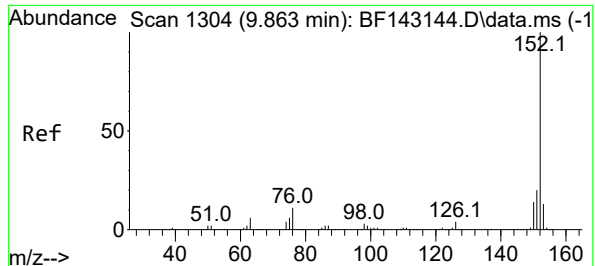
Ion Ratio Lower Upper

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

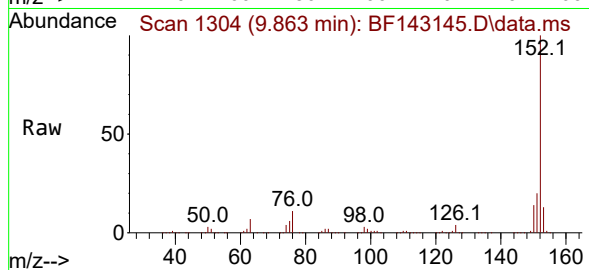
Acq: 17 Jul 2025 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



Tgt Ion:152 Resp: 138872

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.2

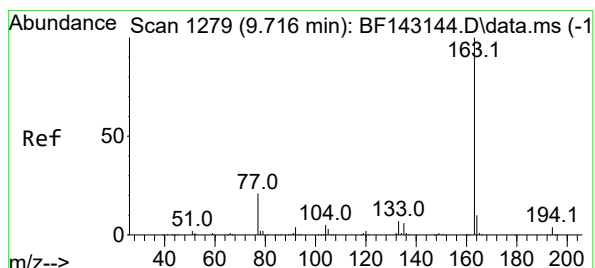
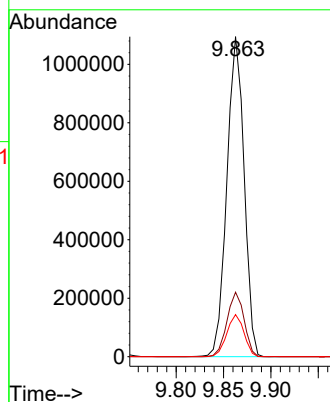
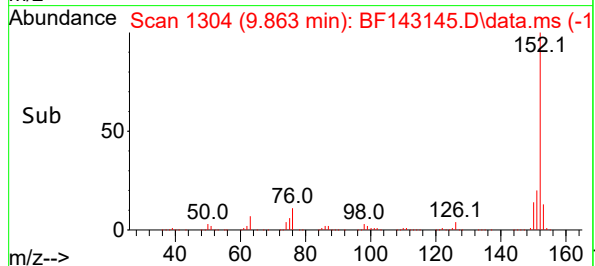
153 13.1 10.6 16.0

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#50

Dimethylphthalate

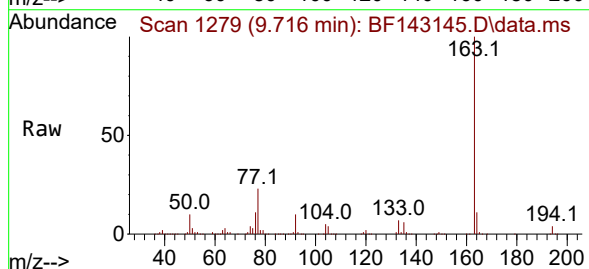
Concen: 50.832 ng

RT: 9.716 min Scan# 1279

Delta R.T. -0.000 min

Lab File: BF143145.D

Acq: 17 Jul 2025 13:33



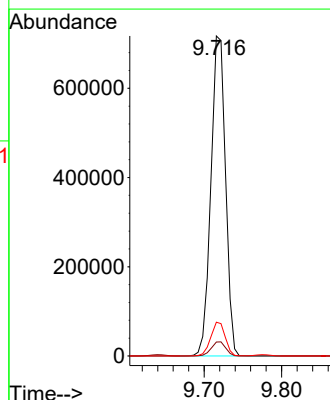
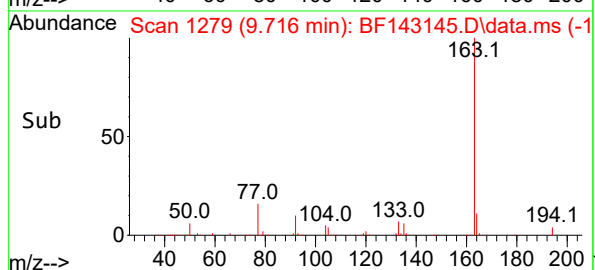
Tgt Ion:163 Resp: 939863

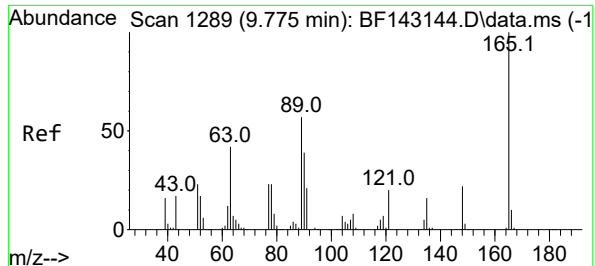
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

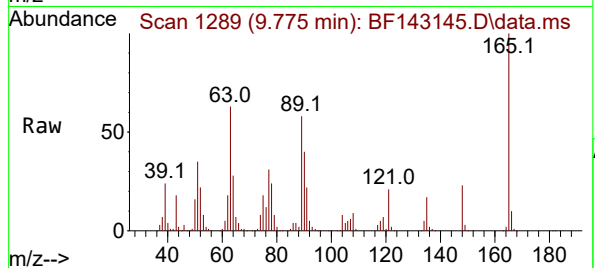
164 10.5 8.3 12.5





#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

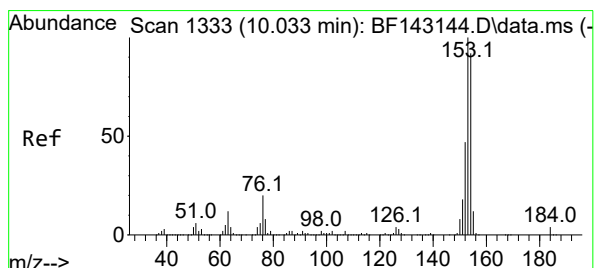
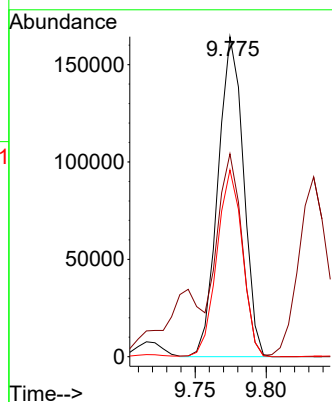
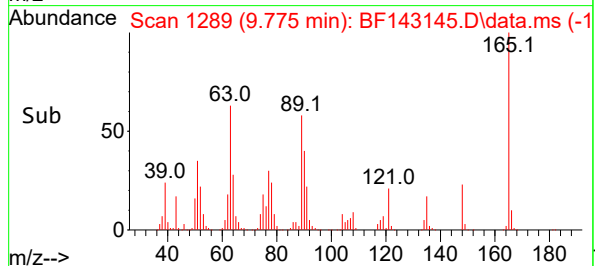
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



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

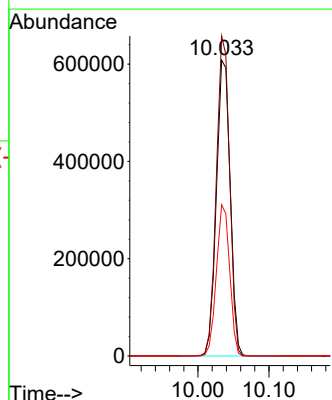
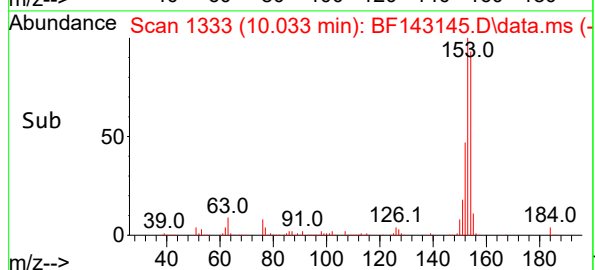
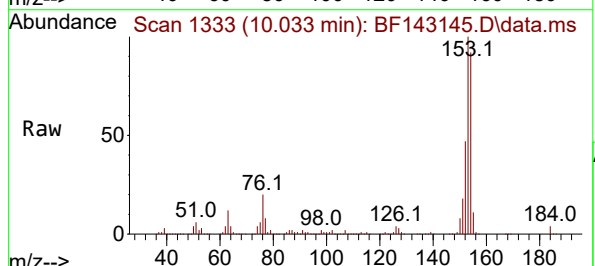
Manual Integrations
APPROVED

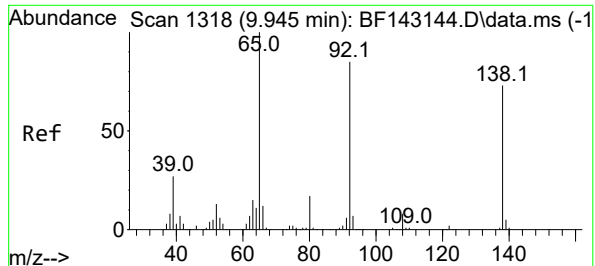
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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





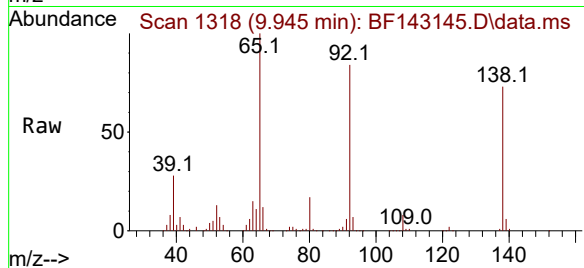
#53
3-Nitroaniline
Concen: 53.861 ng
RT: 9.945 min Scan# 1318
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

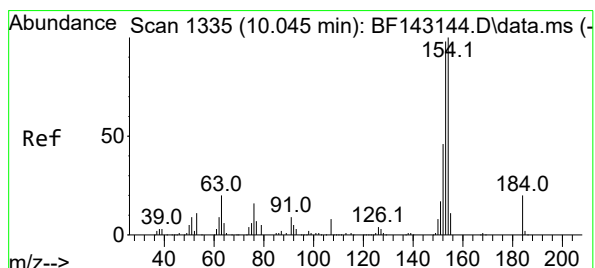
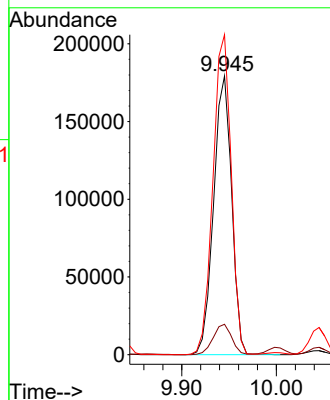
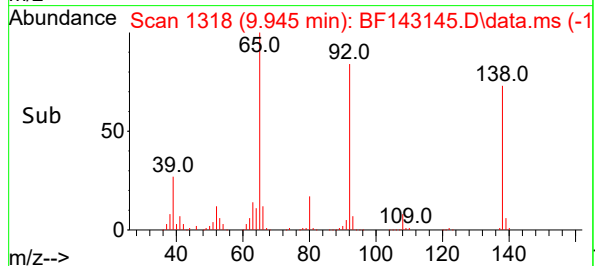


Tgt Ion:138 Resp: 236958
Ion Ratio Lower Upper
138 100
108 10.9 9.0 13.6
92 114.8 93.0 139.4

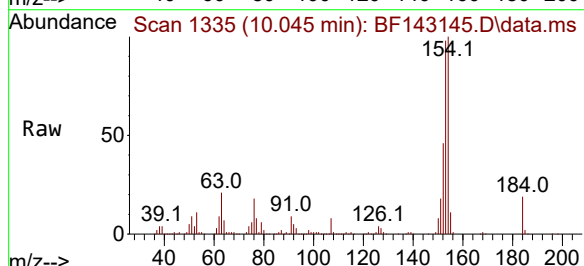
Manual Integrations

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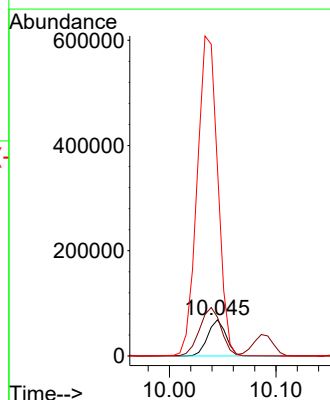
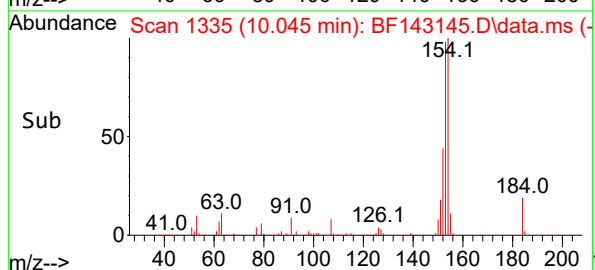
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

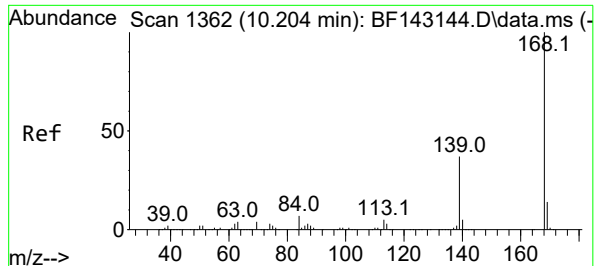


#54
2,4-Dinitrophenol
Concen: 50.750 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33



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

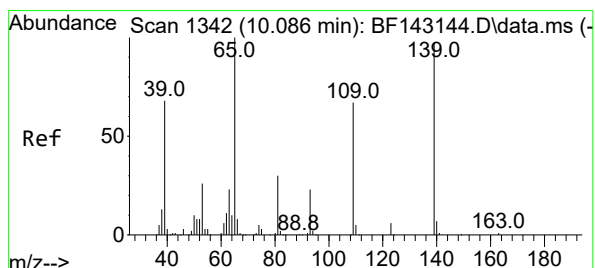
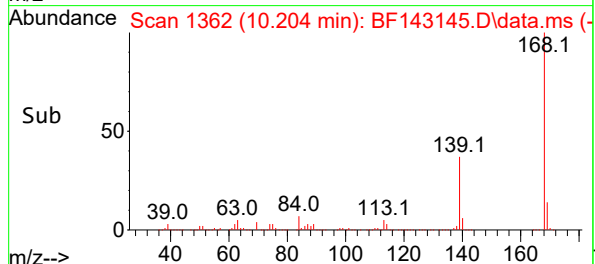
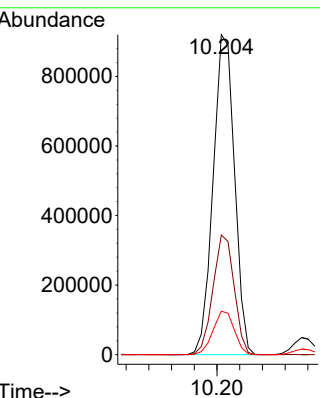
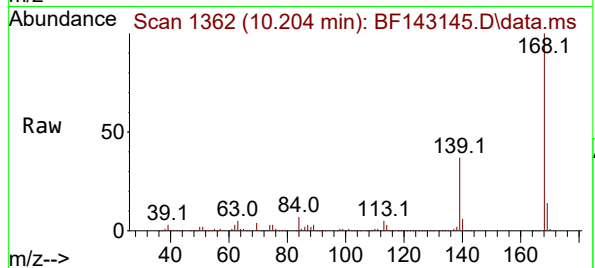
169 13.6 10.9 16.3

Manual Integrations

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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

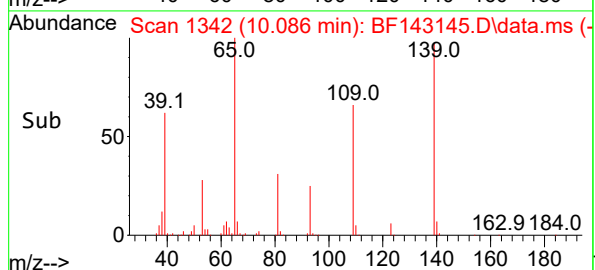
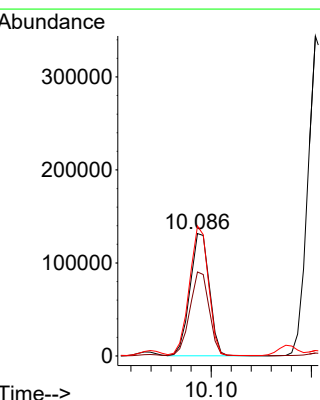
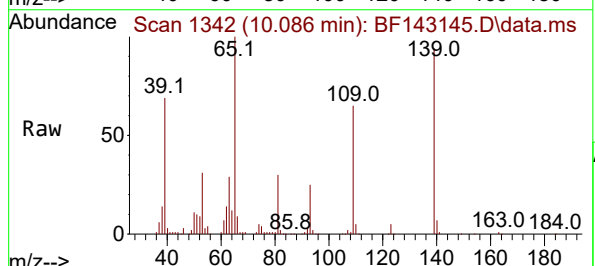
Tgt Ion:139 Resp: 177408

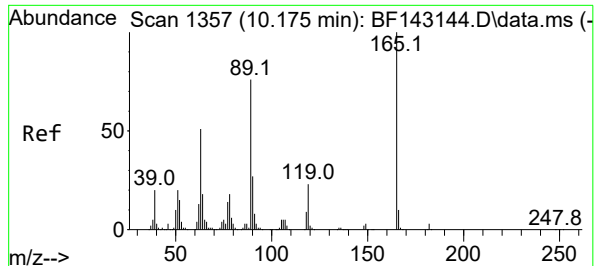
Ion Ratio Lower Upper

139 100

109 68.7 48.5 88.5

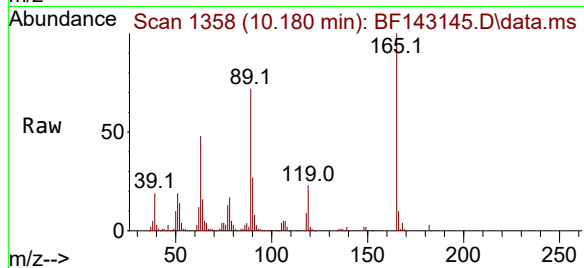
65 106.2 83.4 123.4





#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

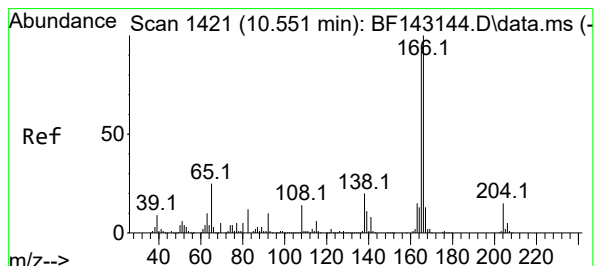
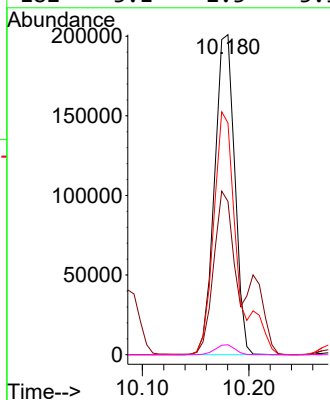
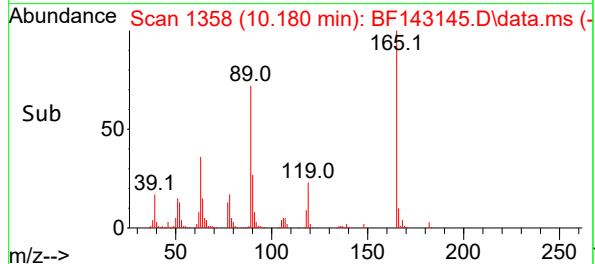
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:165 Resp: 264045
Ion Ratio Lower Upper
165 100
63 47.9 41.0 61.4
89 72.4 61.1 91.7
182 3.1 2.3 3.5

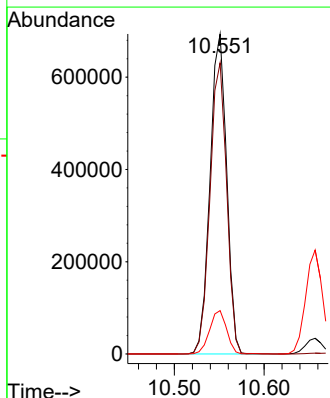
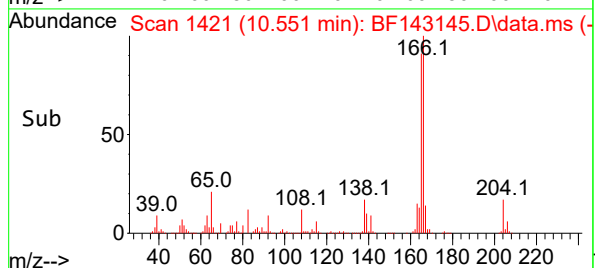
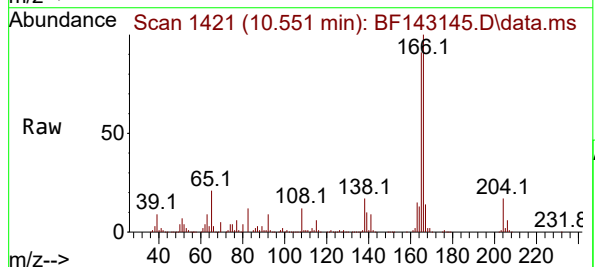
Manual Integrations
APPROVED

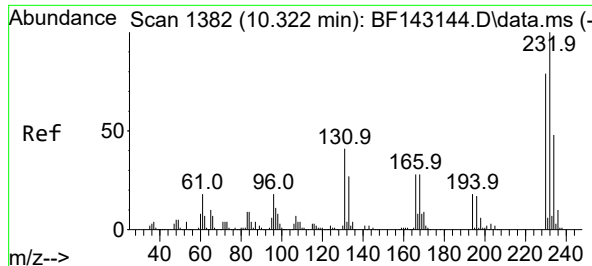
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

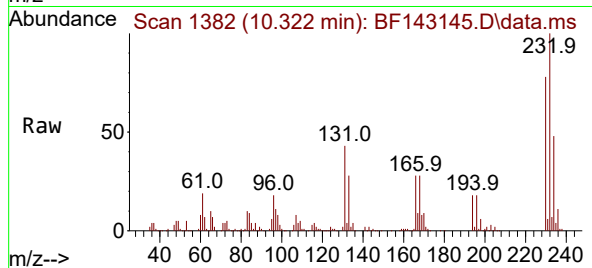
Tgt Ion:166 Resp: 891646
Ion Ratio Lower Upper
166 100
165 91.0 73.7 110.5
167 13.6 10.6 16.0





#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

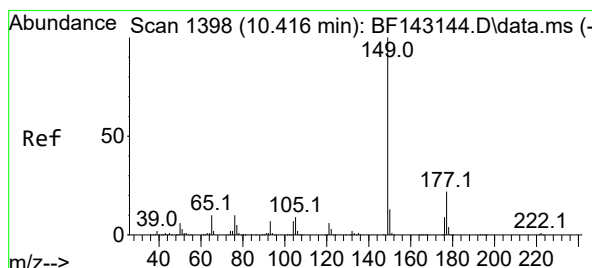
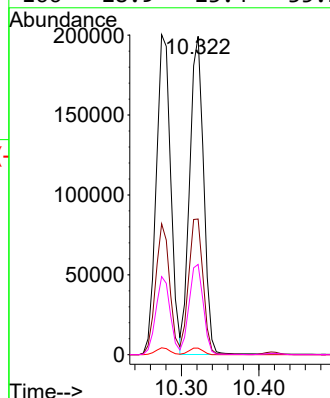
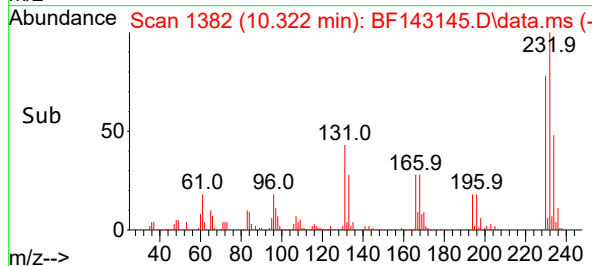
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



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

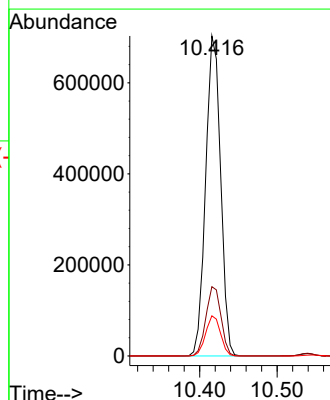
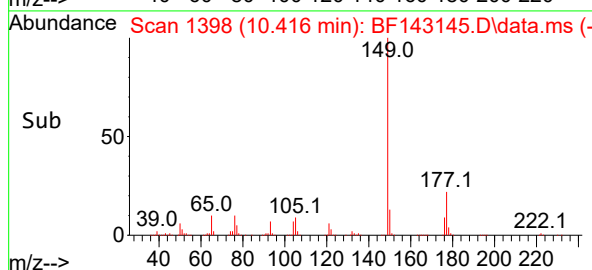
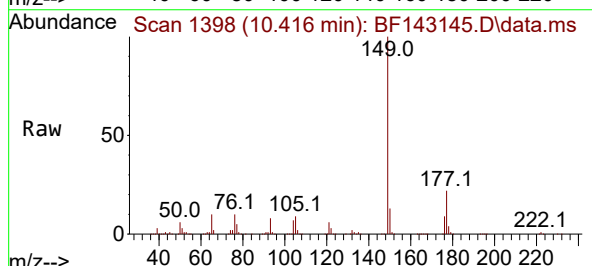
Manual Integrations
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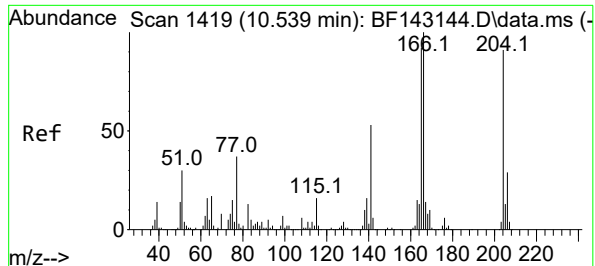
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

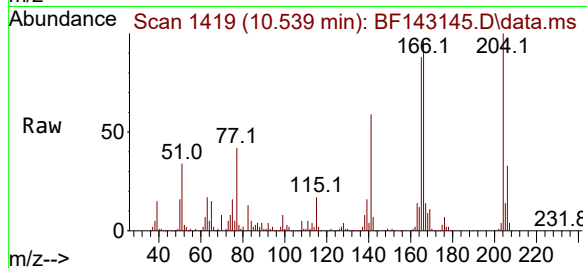
Tgt Ion:149 Resp: 942625
Ion Ratio Lower Upper
149 100
177 21.7 17.5 26.3
150 12.6 10.2 15.2





#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

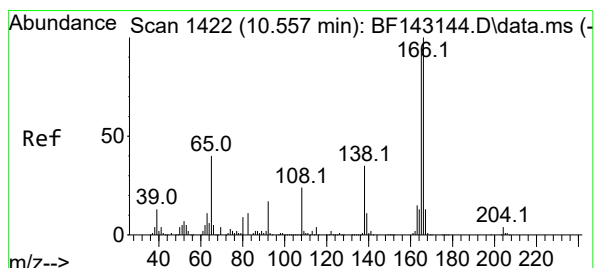
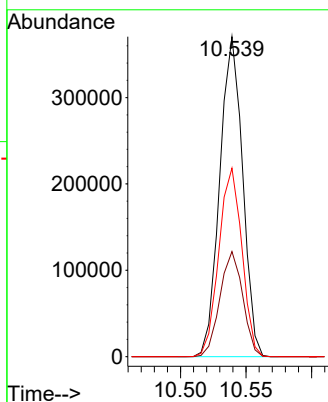
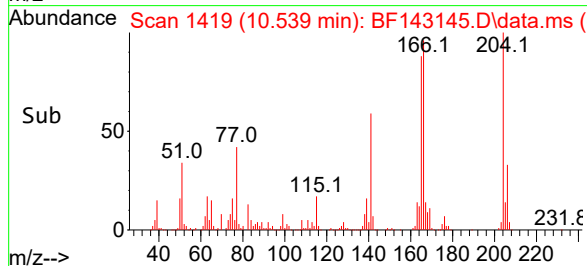
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



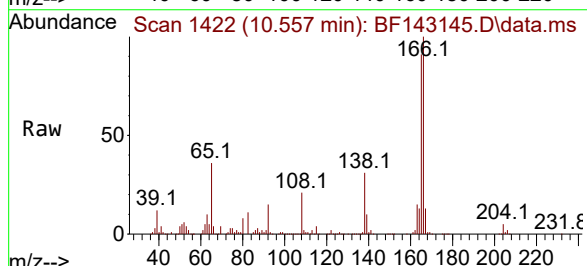
Tgt Ion:204 Resp: 449168
Ion Ratio Lower Upper
204 100
206 32.8 25.8 38.8
141 58.9 47.0 70.4

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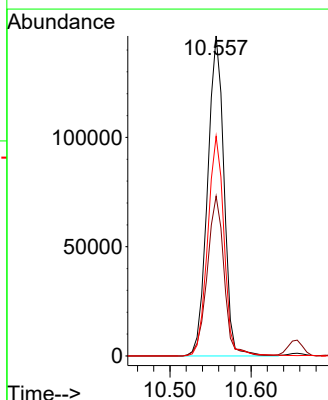
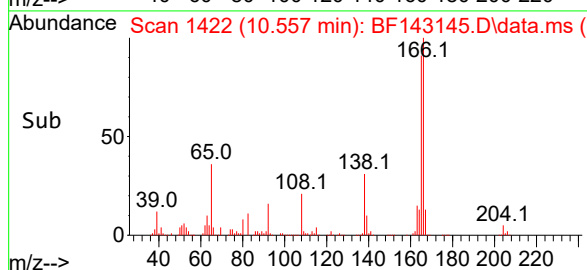
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

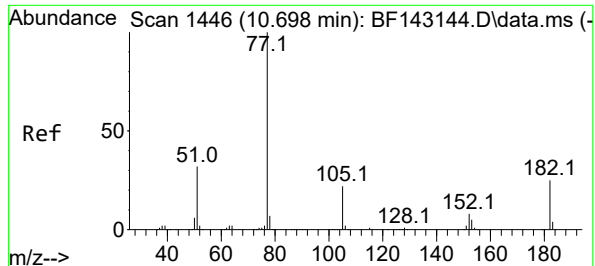


#62
4-Nitroaniline
Concen: 54.424 ng
RT: 10.557 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33



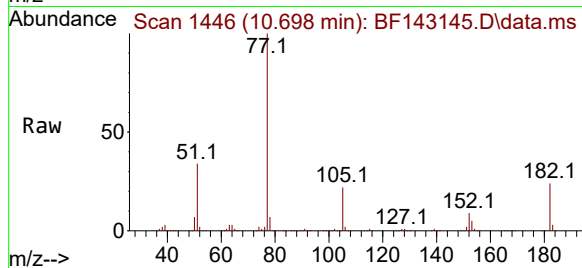
Tgt Ion:138 Resp: 205210
Ion Ratio Lower Upper
138 100
92 50.0 29.3 69.3
108 68.7 48.3 88.3





#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

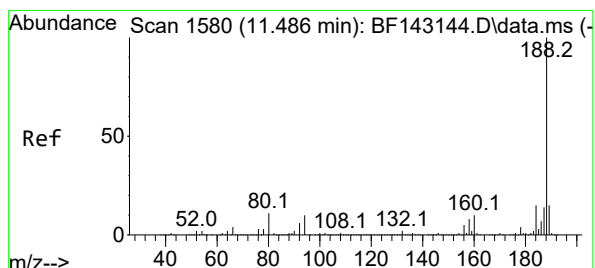
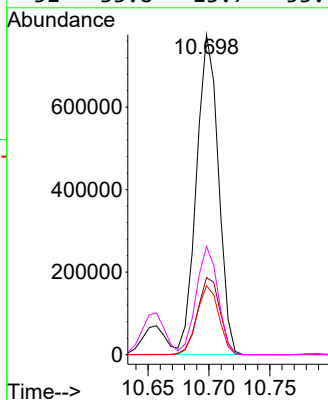
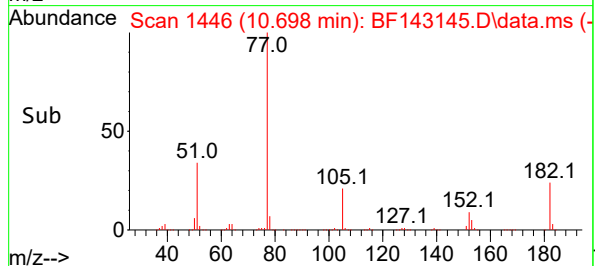
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



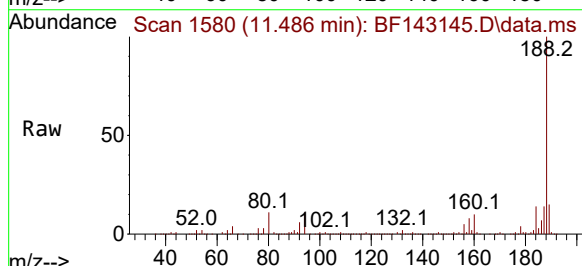
Tgt Ion: 77 Resp: 96693
Ion Ratio Lower Upper
77 100
182 24.1 4.6 44.6
105 21.6 1.4 41.4
51 33.8 13.7 53.7

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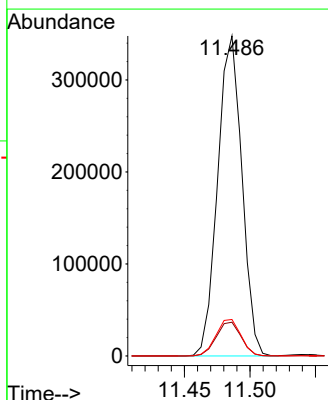
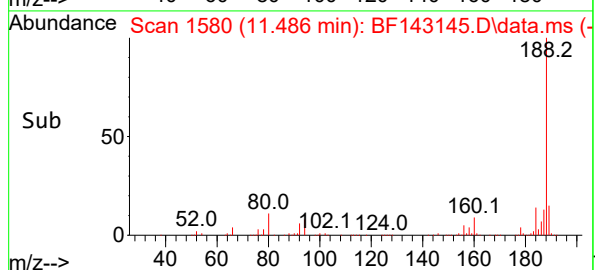
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

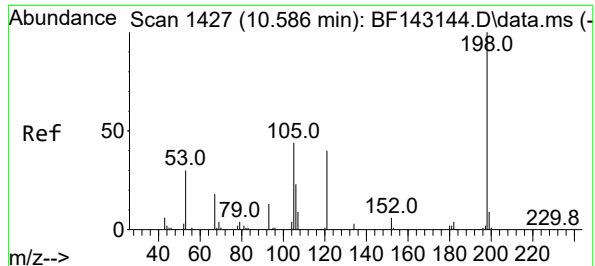


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33



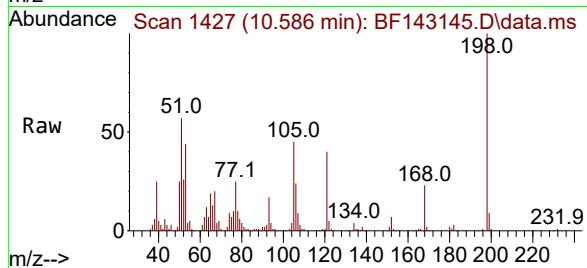
Tgt Ion:188 Resp: 447089
Ion Ratio Lower Upper
188 100
94 10.6 8.3 12.5
80 11.4 9.0 13.6





#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

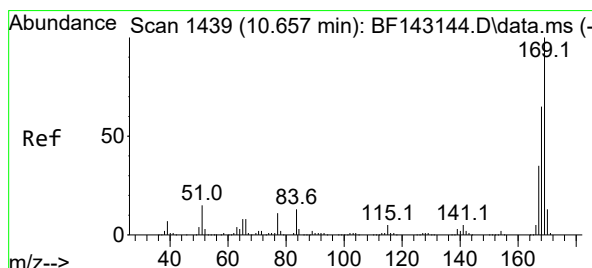
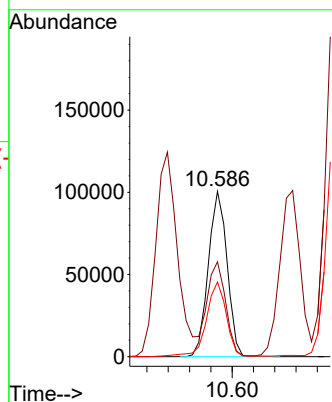
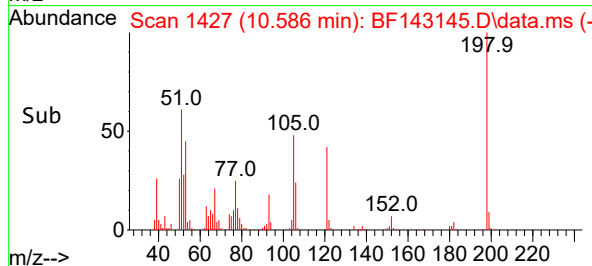
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



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

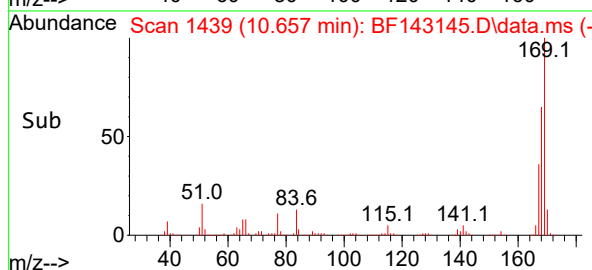
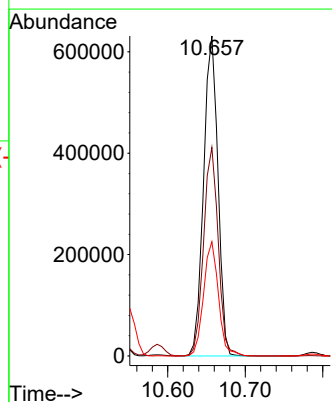
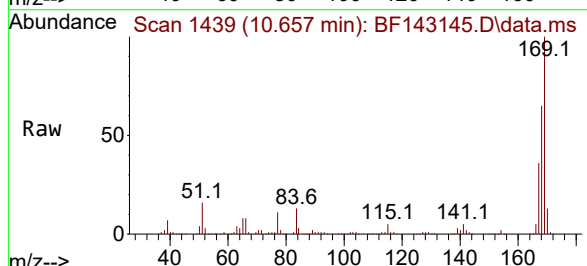
Manual Integrations
APPROVED

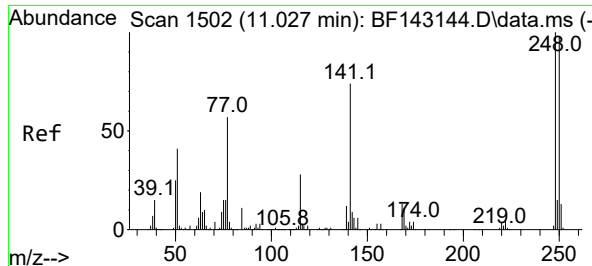
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

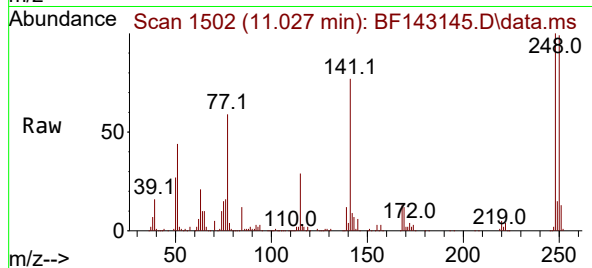
Tgt Ion:169 Resp: 811422
Ion Ratio Lower Upper
169 100
168 65.1 52.1 78.1
167 35.7 28.2 42.2





#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

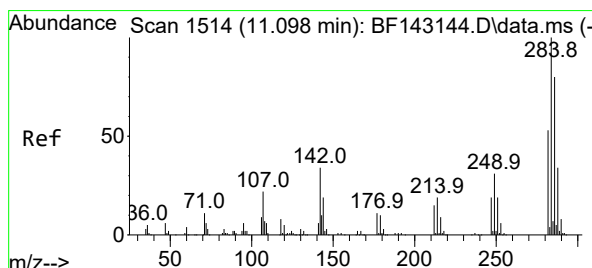
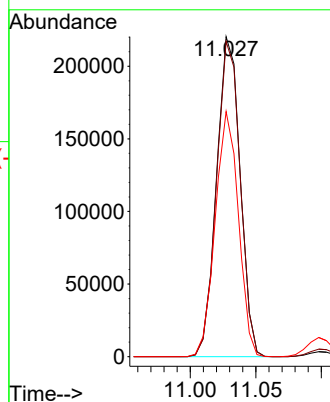
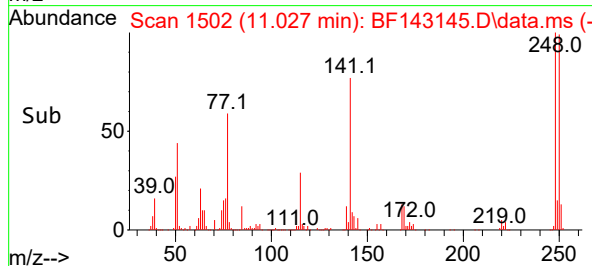
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



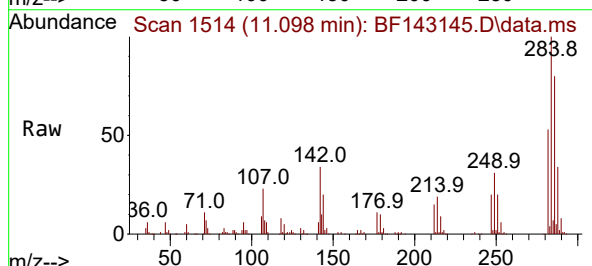
Tgt Ion:248 Resp: 275679
Ion Ratio Lower Upper
248 100
250 98.5 78.3 117.5
141 76.6 59.2 88.8

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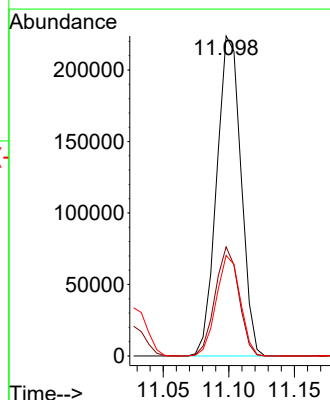
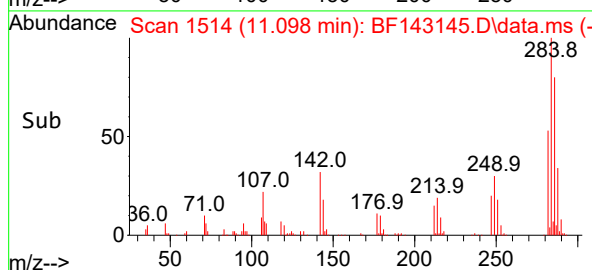
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

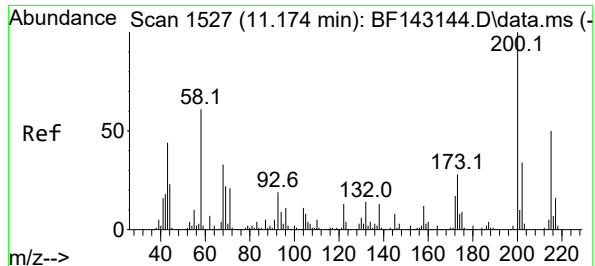


#68
Hexachlorobenzene
Concen: 51.788 ng
RT: 11.098 min Scan# 1514
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33



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

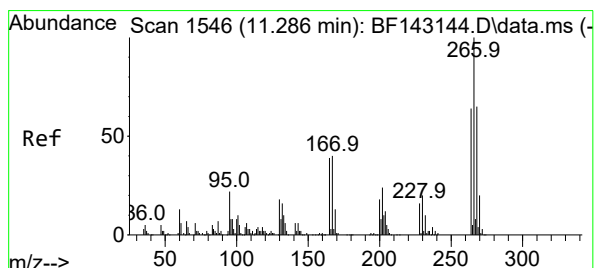
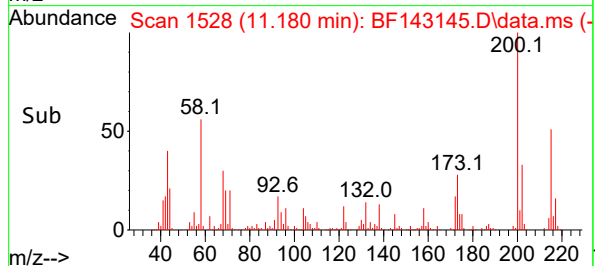
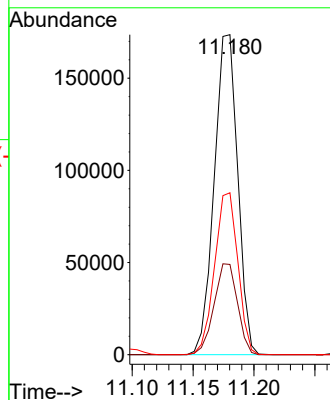
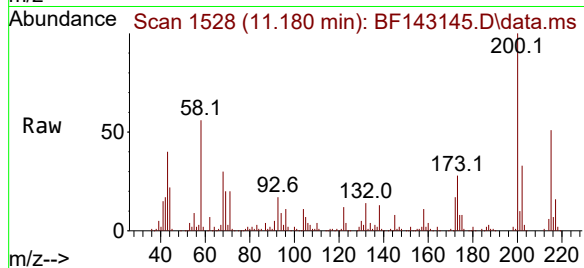
215 50.6 30.1 70.1

Manual Integrations

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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

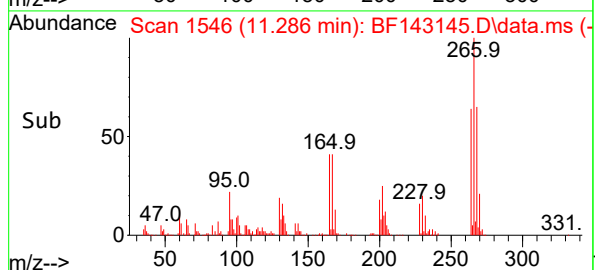
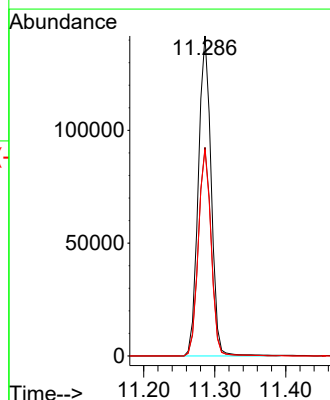
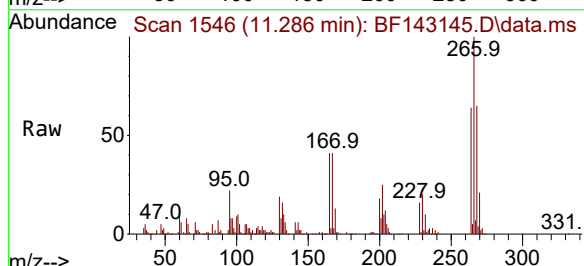
Tgt Ion:266 Resp: 178753

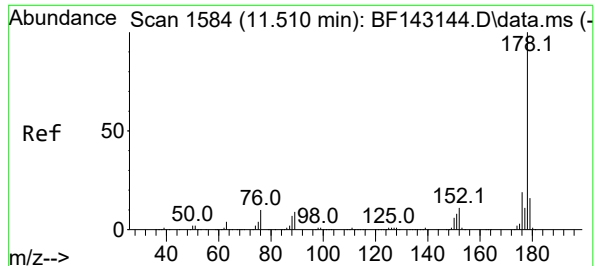
Ion Ratio Lower Upper

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

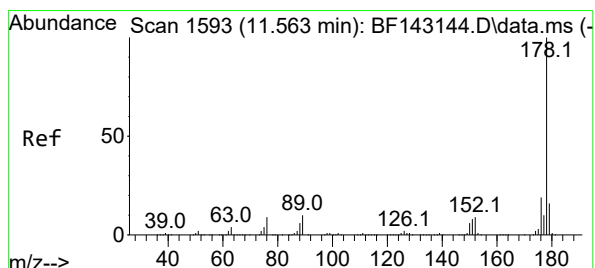
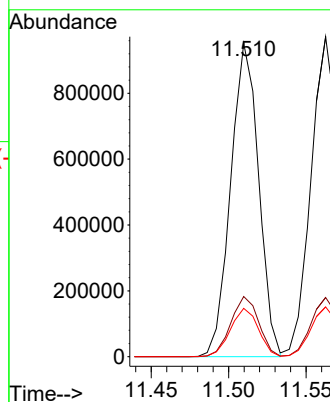
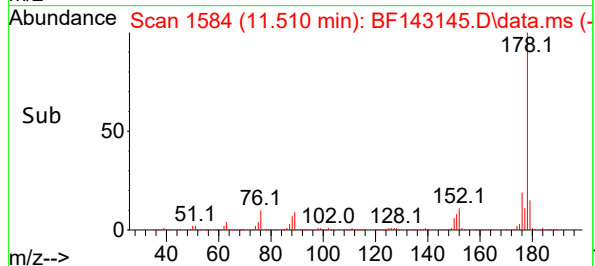
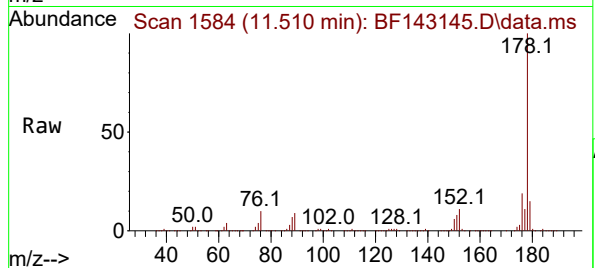
179 15.4 12.5 18.7

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

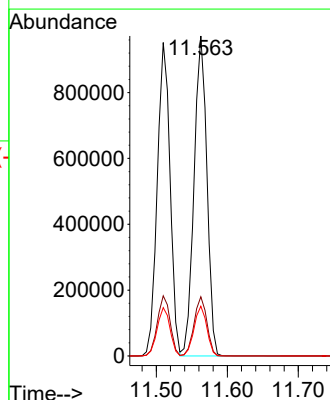
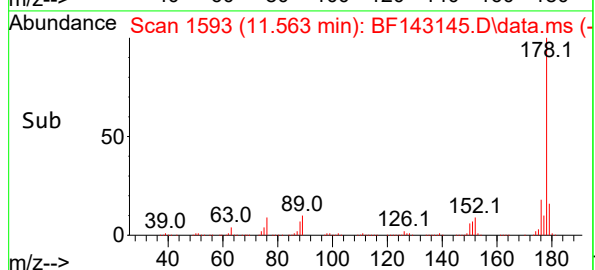
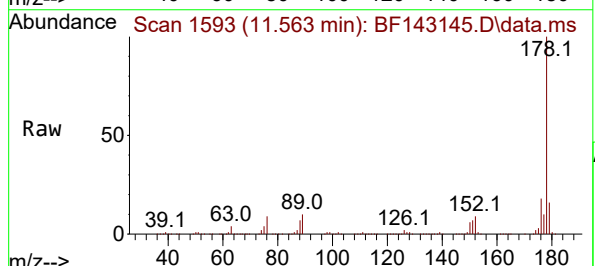
Tgt Ion:178 Resp: 1223920

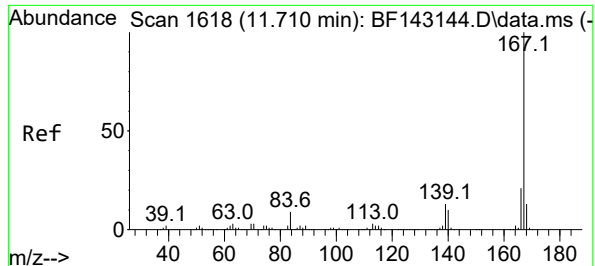
Ion Ratio Lower Upper

178 100

176 18.5 15.0 22.4

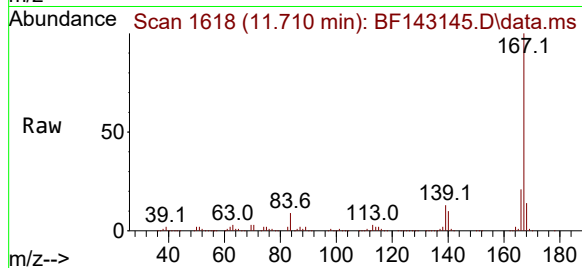
179 15.5 12.5 18.7





#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

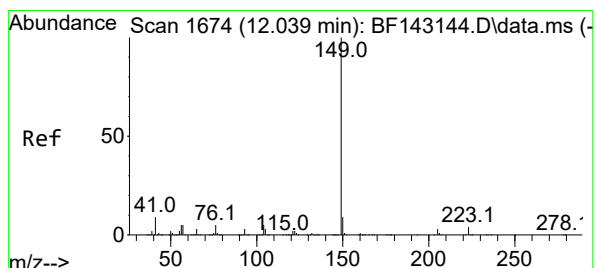
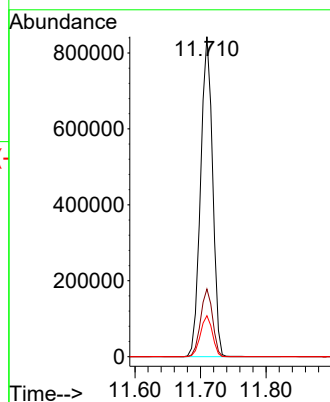
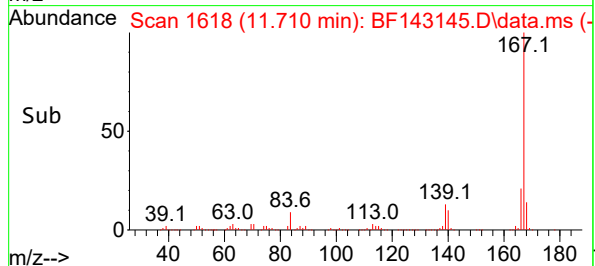
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



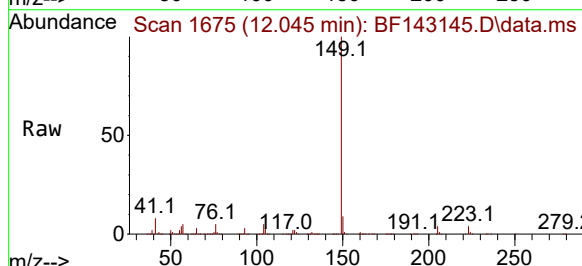
Tgt Ion:167 Resp: 107680
Ion Ratio Lower Upper
167 100
166 21.1 17.0 25.6
139 12.8 10.0 15.0

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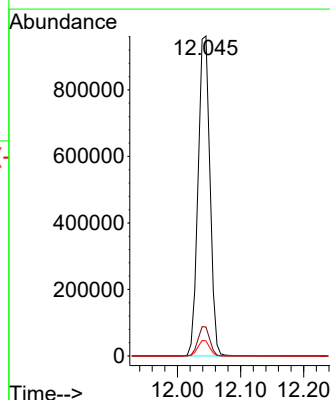
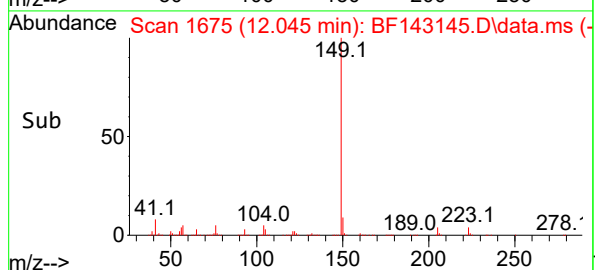
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

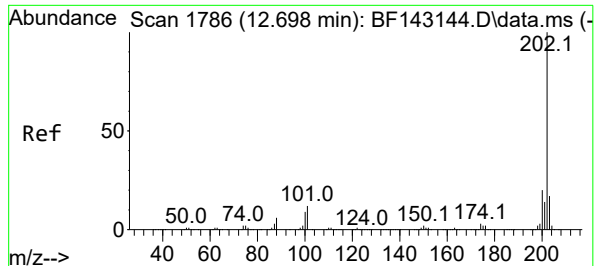


#74
Di-n-butylphthalate
Concen: 52.290 ng
RT: 12.045 min Scan# 1675
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33



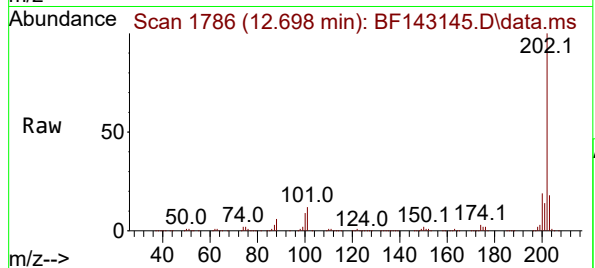
Tgt Ion:149 Resp: 1250841
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.2
104 4.7 3.8 5.8





#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

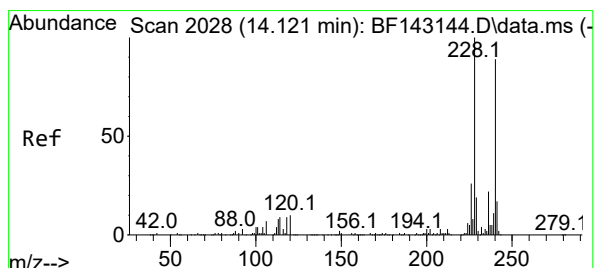
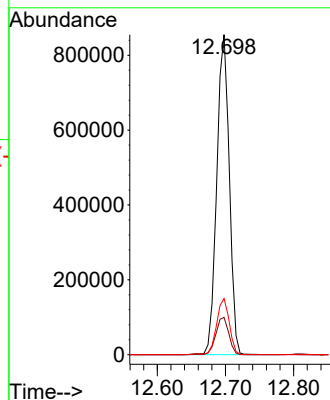
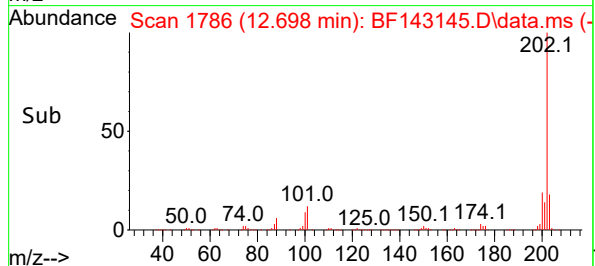
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



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

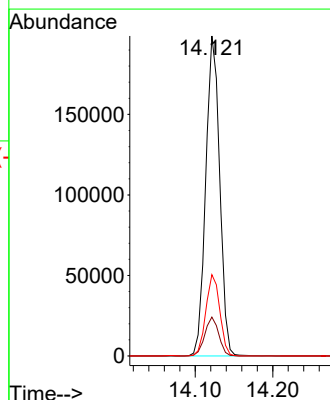
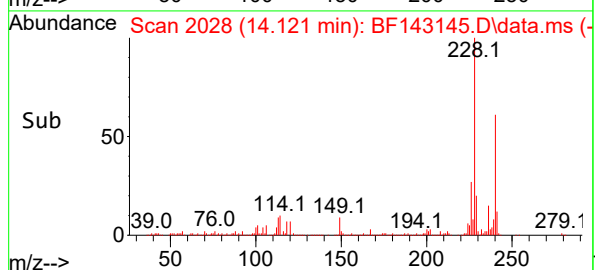
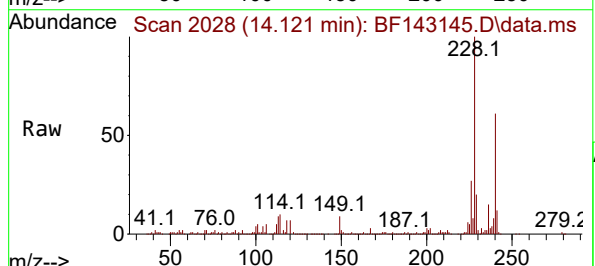
Manual Integrations
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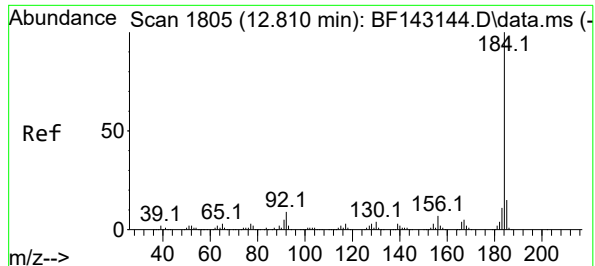
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

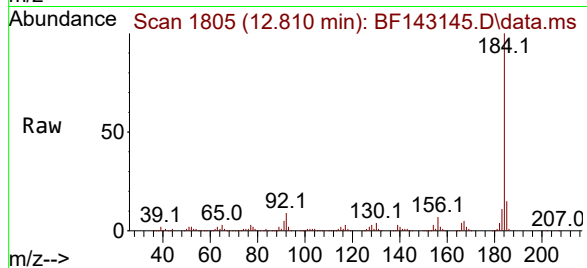
Tgt Ion:240 Resp: 247878
Ion Ratio Lower Upper
240 100
120 12.1 9.4 14.2
236 25.4 20.2 30.4





#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

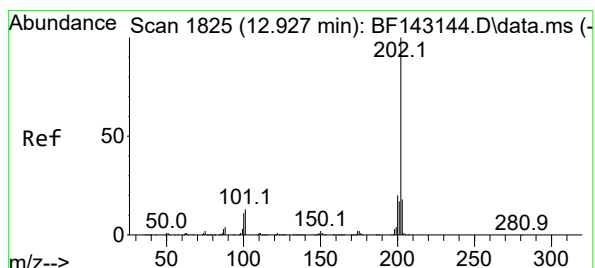
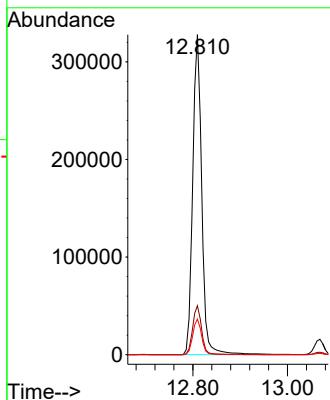
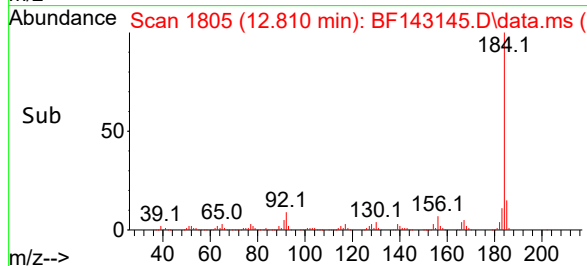
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



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

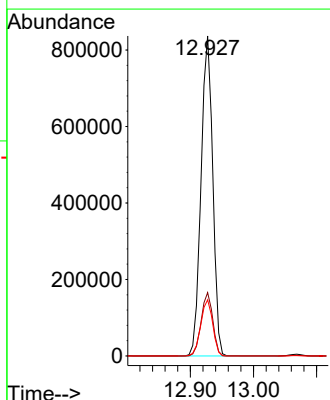
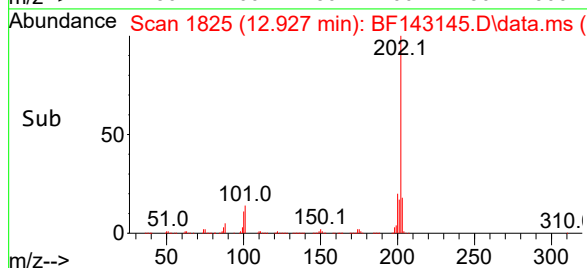
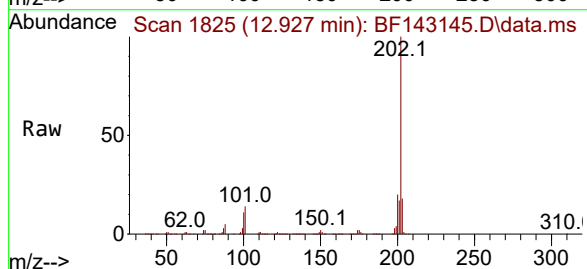
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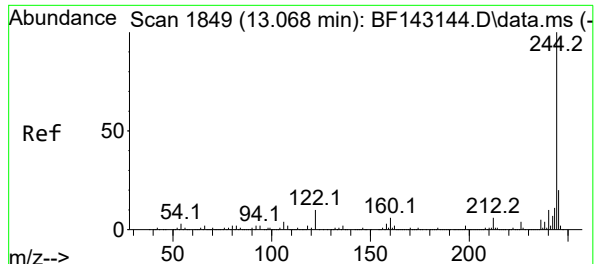
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

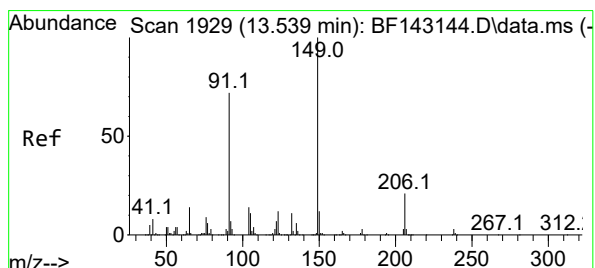
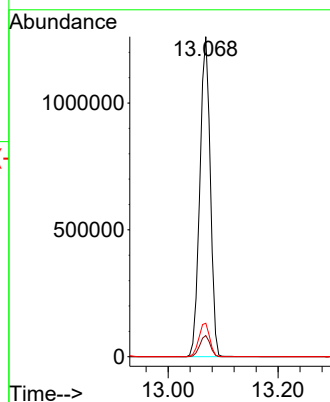
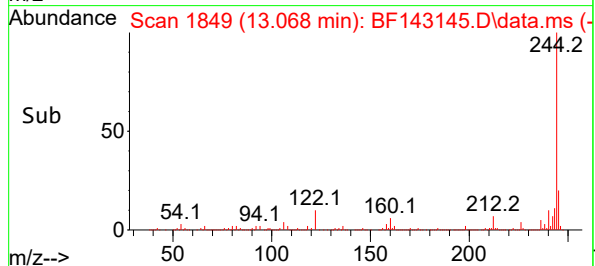
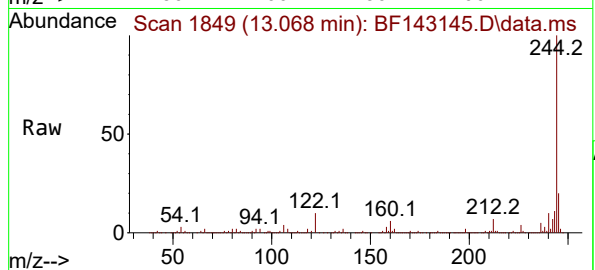
122 10.4 8.2 12.2

Manual Integrations

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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

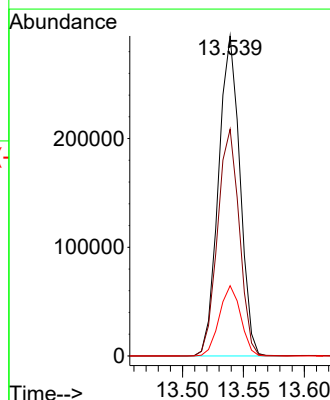
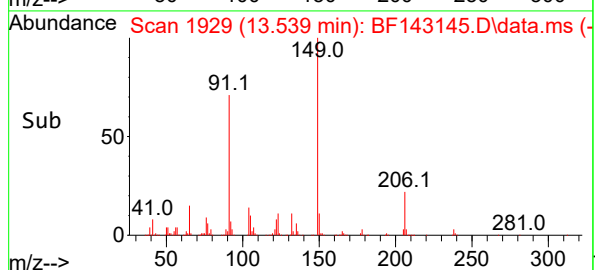
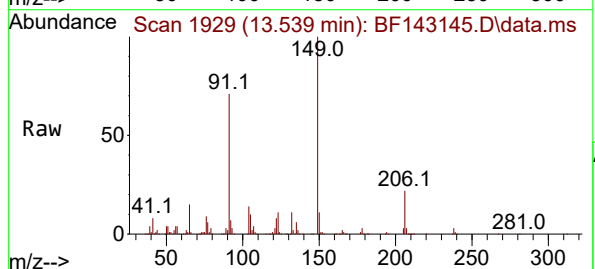
Tgt Ion:149 Resp: 360698

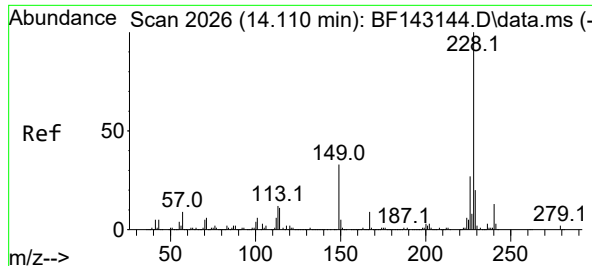
Ion Ratio Lower Upper

149 100

91 70.8 57.9 86.9

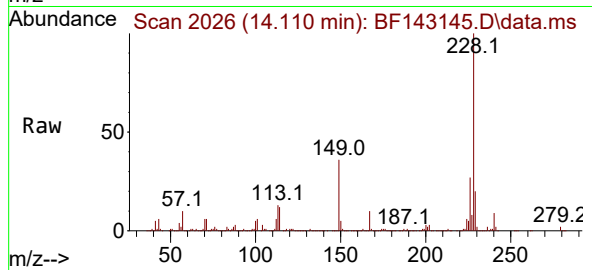
206 22.0 17.0 25.4





#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

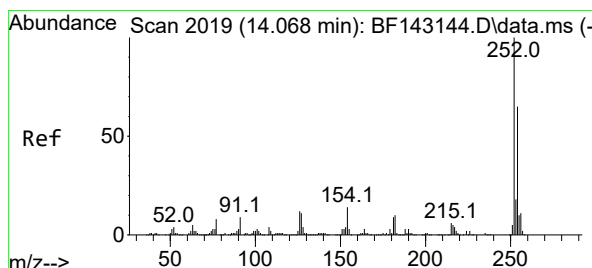
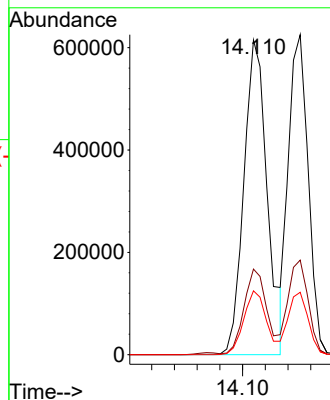
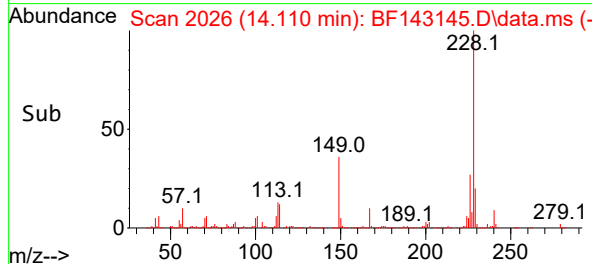
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



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

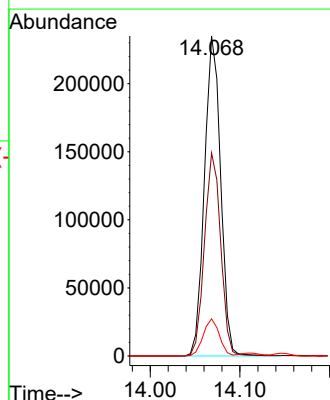
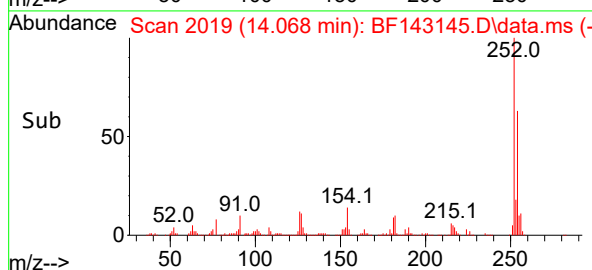
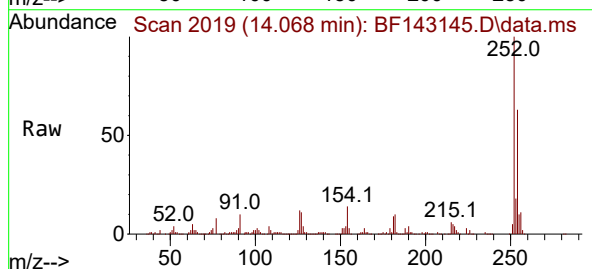
Manual Integrations
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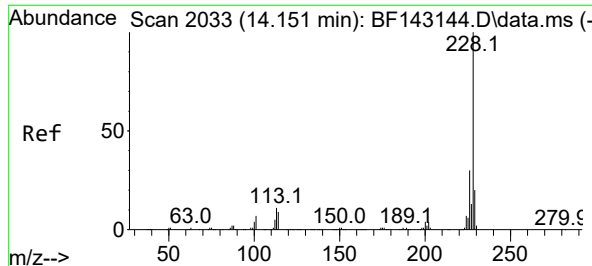
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

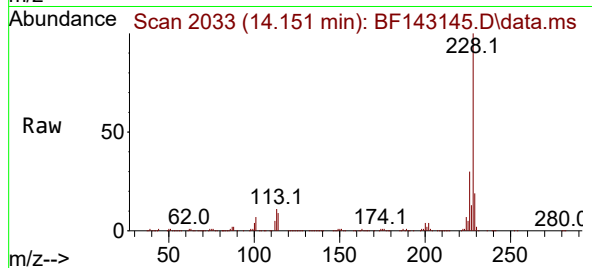
Tgt Ion:252 Resp: 294836
Ion Ratio Lower Upper
252 100
254 63.5 51.7 77.5
126 11.6 9.4 14.0





#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

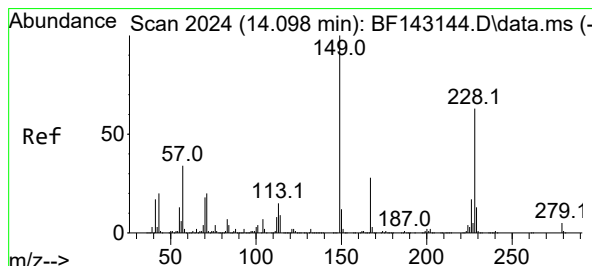
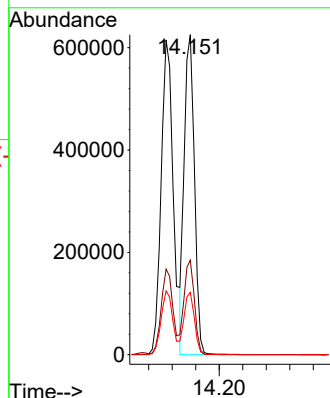
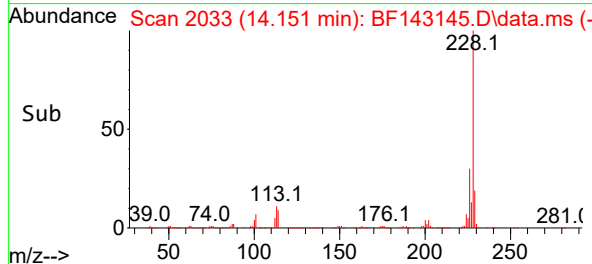
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



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

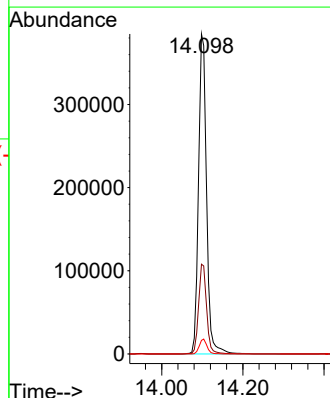
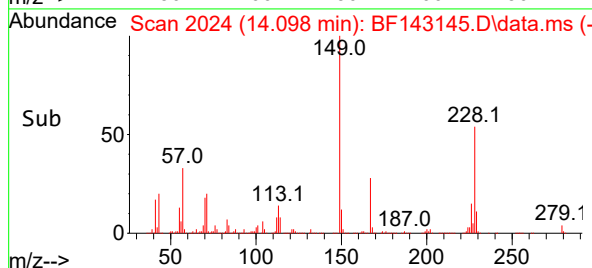
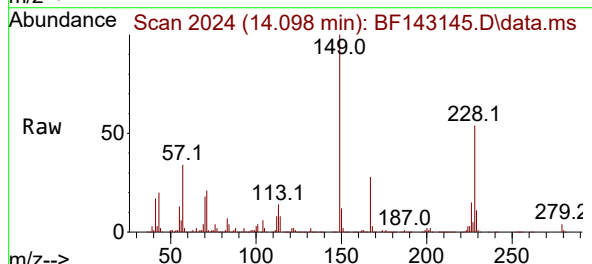
Manual Integrations
APPROVED

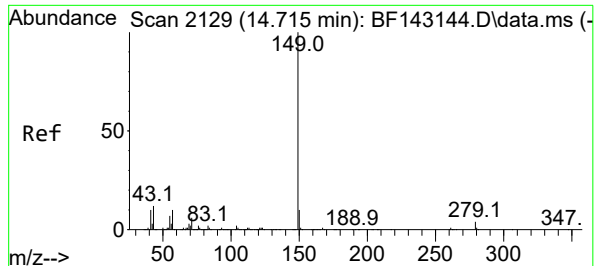
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

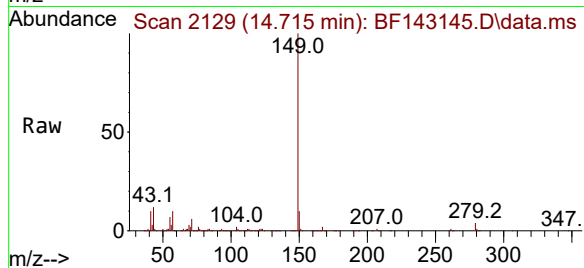
Tgt Ion:149 Resp: 534128
Ion Ratio Lower Upper
149 100
167 28.1 22.3 33.5
279 4.3 3.6 5.4





#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

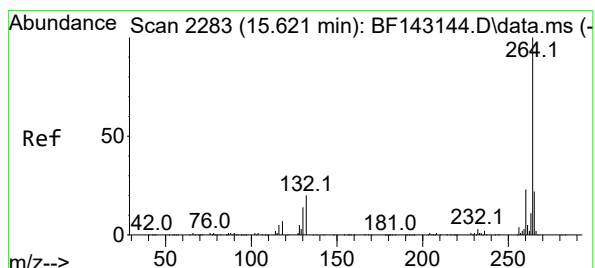
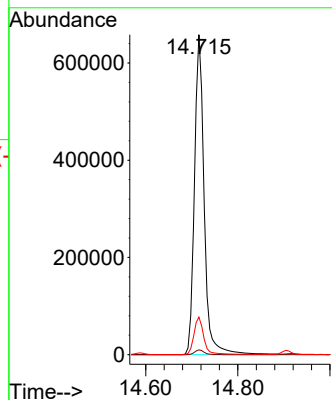
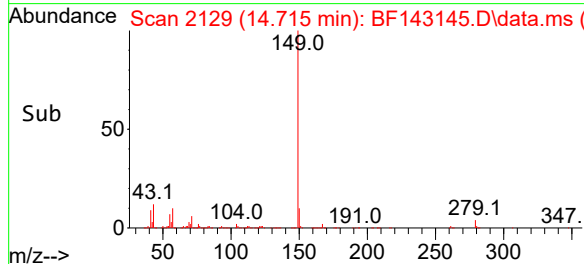
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



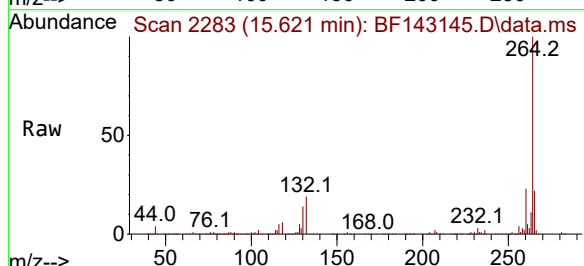
Tgt Ion:149 Resp: 960309
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 11.9 9.7 14.5

Manual Integrations
APPROVED

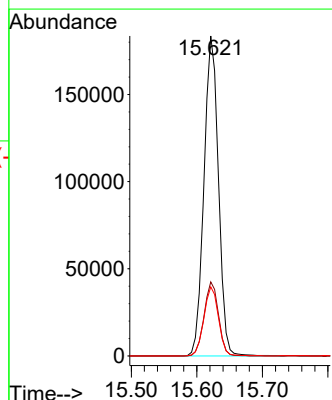
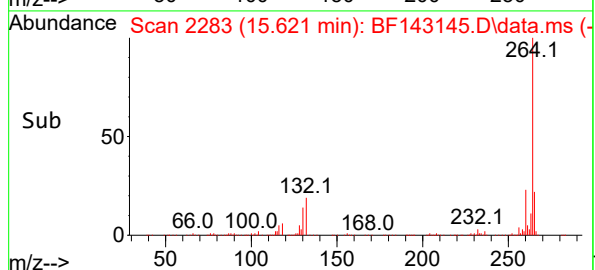
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

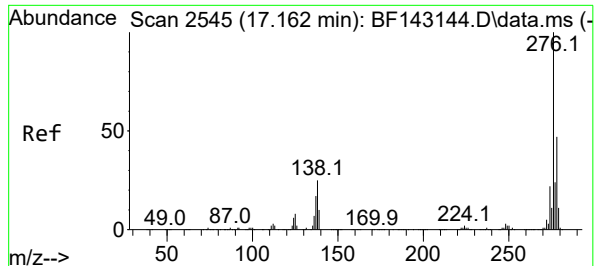


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2283
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33



Tgt Ion:264 Resp: 282289
Ion Ratio Lower Upper
264 100
260 23.1 18.5 27.7
265 21.6 17.4 26.2





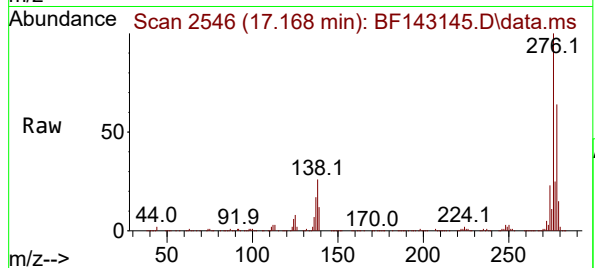
#87
Indeno(1,2,3-cd)pyrene
Concen: 53.347 ng
RT: 17.168 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



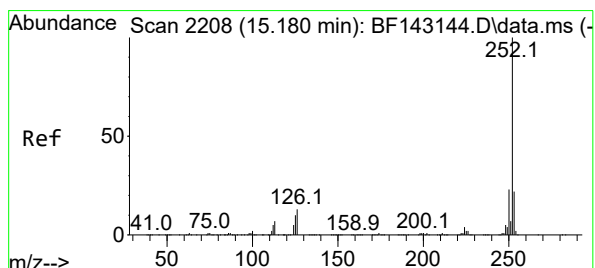
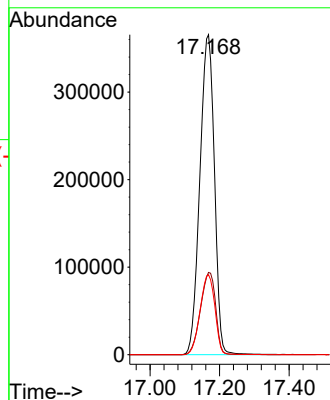
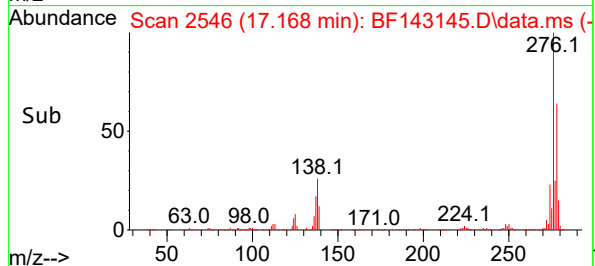
Tgt Ion:276 Resp: 106187
Ion Ratio Lower Upper
276 100
138 26.8 21.8 32.6
277 25.4 20.0 30.0

Manual Integrations

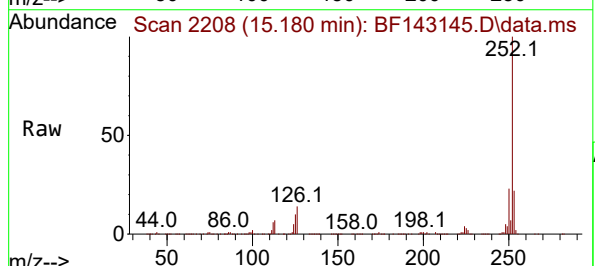
APPROVED

Reviewed By :Rahul Chavli 07/18/2025

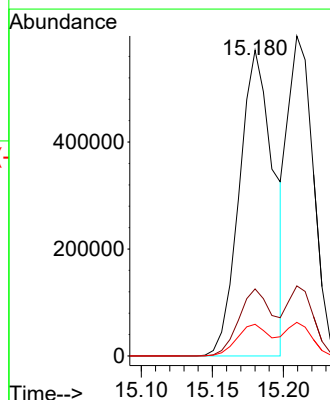
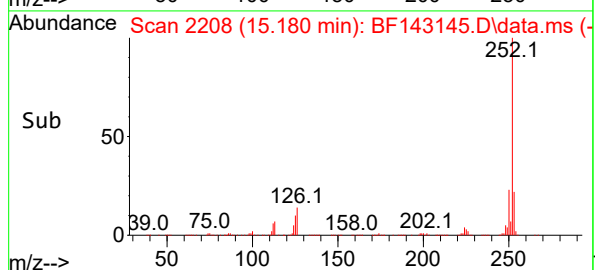
Supervised By :Jagrut Upadhyay 07/18/2025

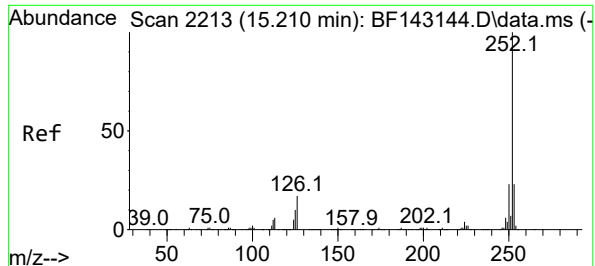


#88
Benzo(b)fluoranthene
Concen: 55.319 ng
RT: 15.180 min Scan# 2208
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33



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

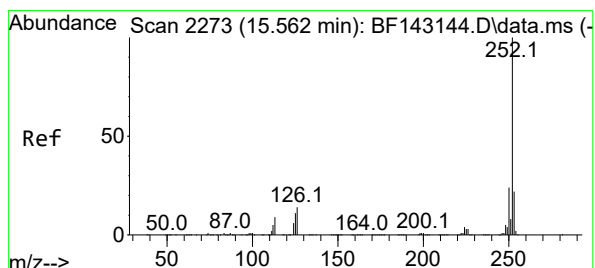
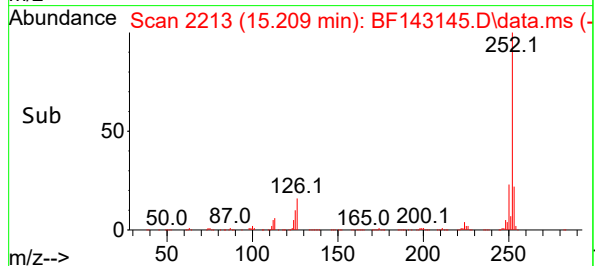
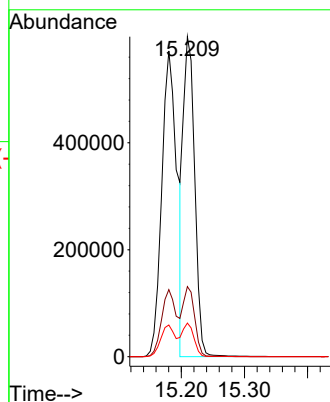
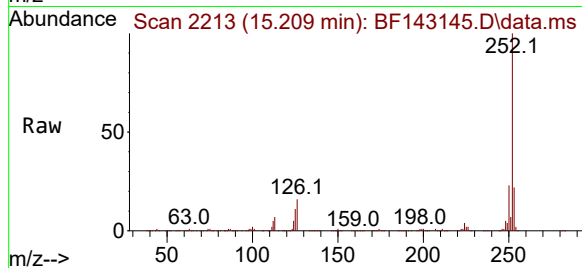
125 10.5 8.1 12.1

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

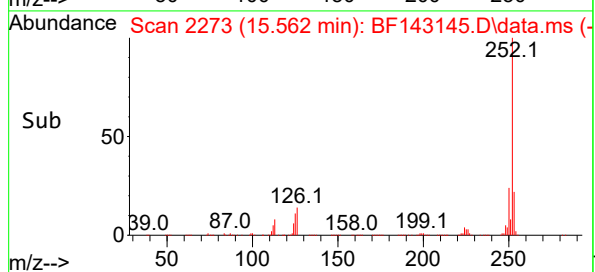
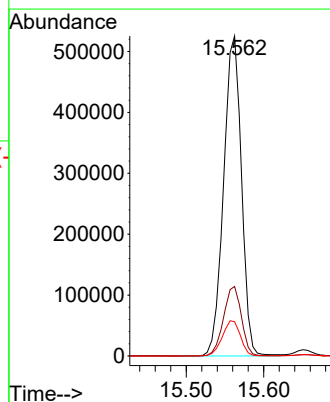
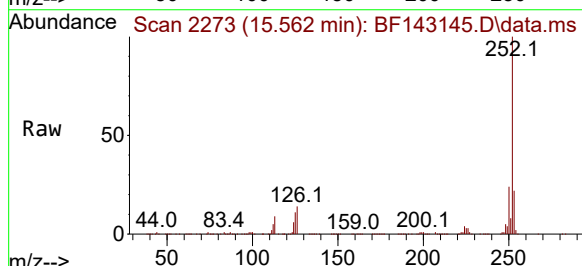
Tgt Ion:252 Resp: 840968

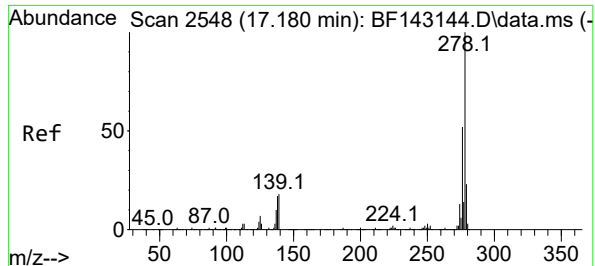
Ion Ratio Lower Upper

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

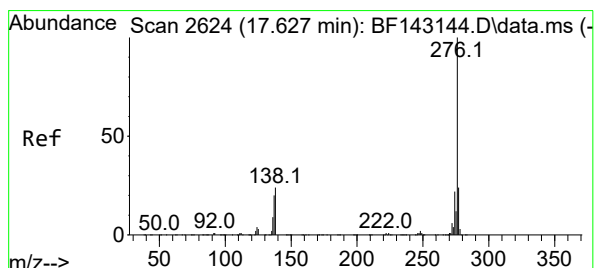
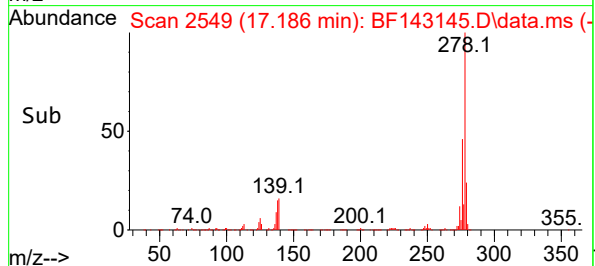
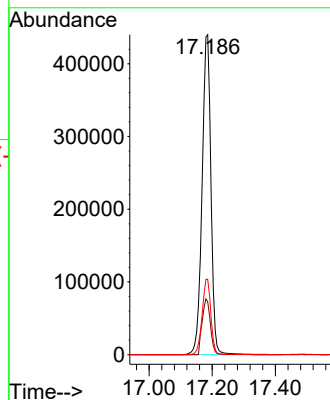
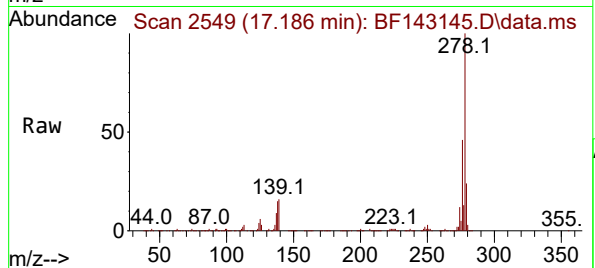
279 23.5 18.6 28.0

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

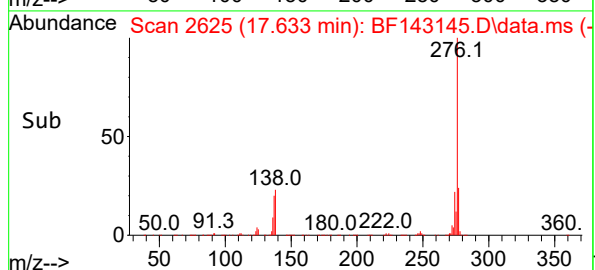
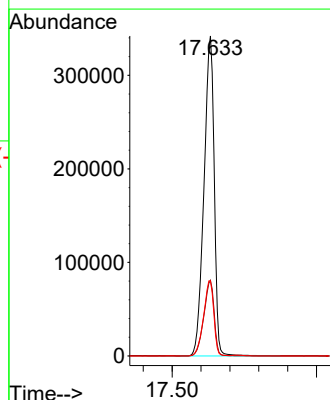
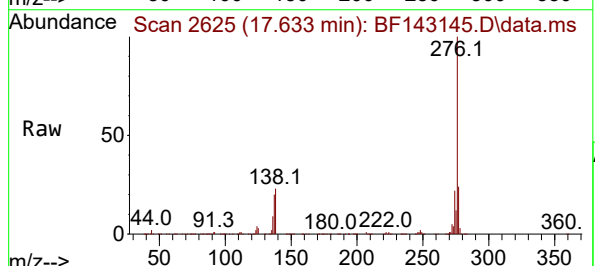
Tgt Ion:276 Resp: 843865

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

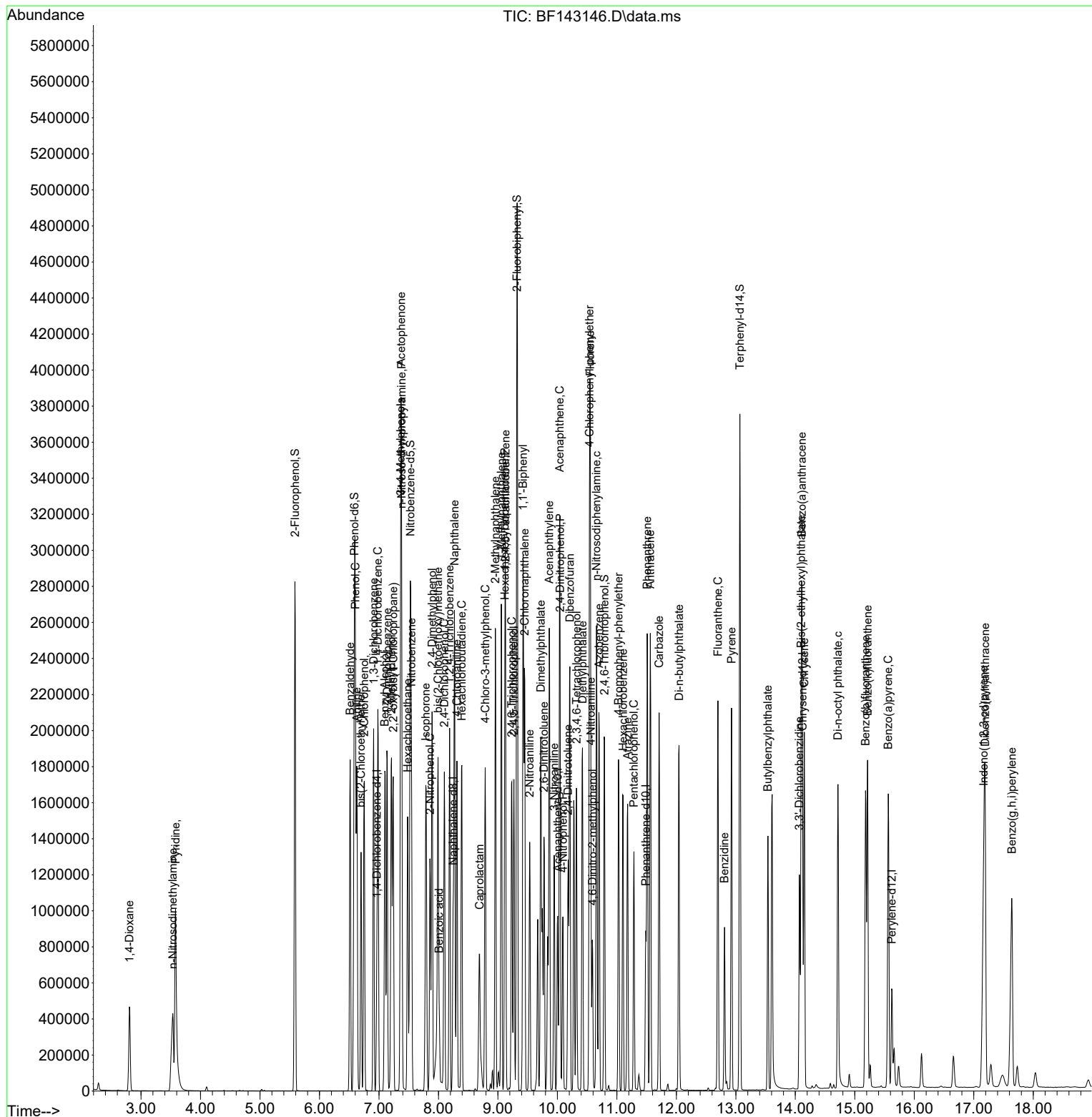
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 Data File : BF143146.D
 Acq On : 17 Jul 2025 14:04
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

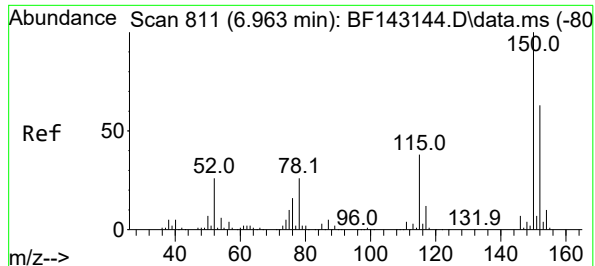
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations APPROVED

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

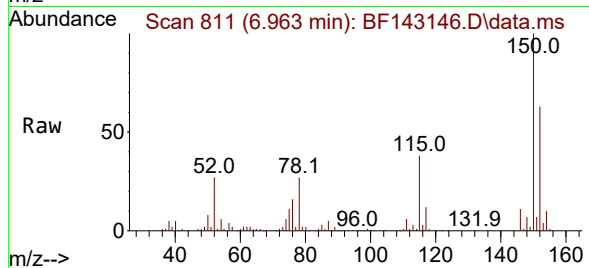
Quant Time: Jul 17 15:05:08 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 14:54:43 2025
 Response via : Initial Calibration





#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

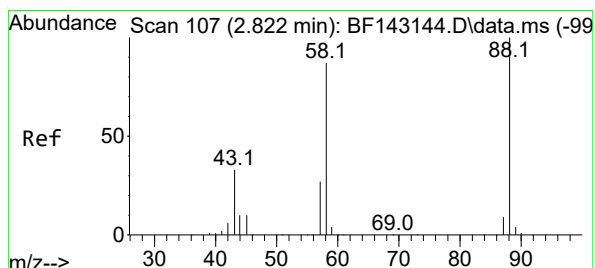
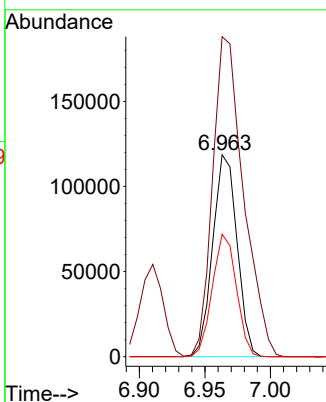
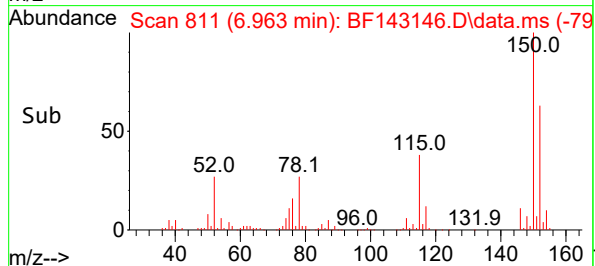
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



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

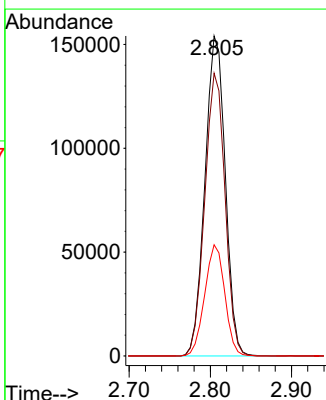
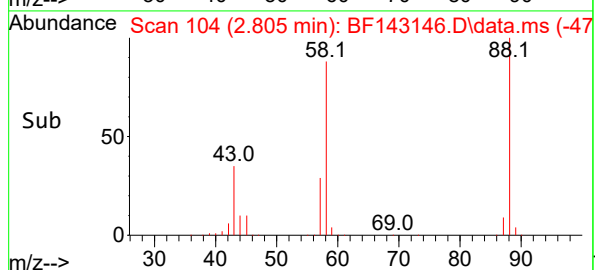
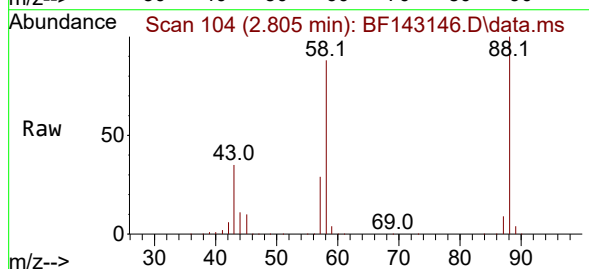
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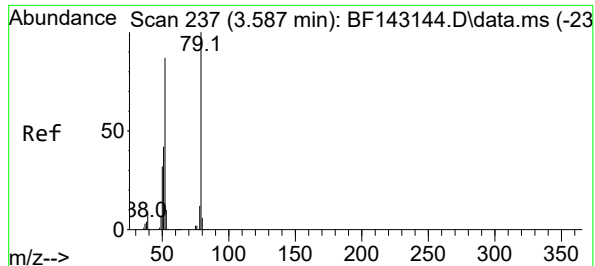
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

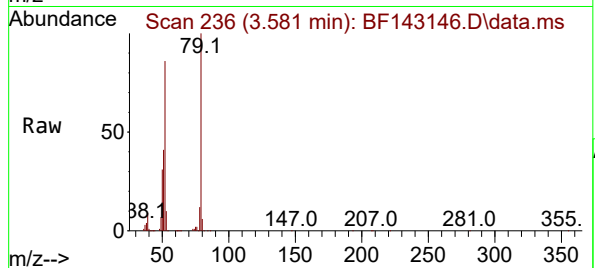
Tgt Ion: 88 Resp: 268511
Ion Ratio Lower Upper
88 100
58 88.2 70.2 105.2
43 34.2 27.1 40.7





#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

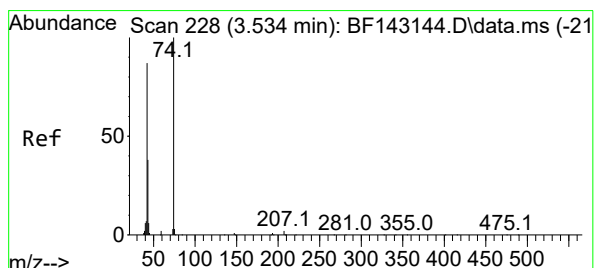
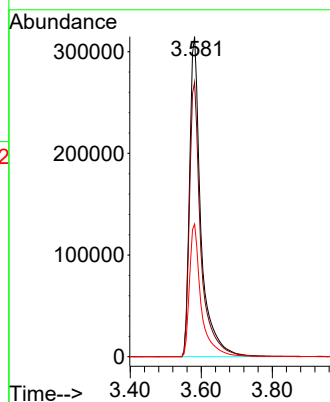
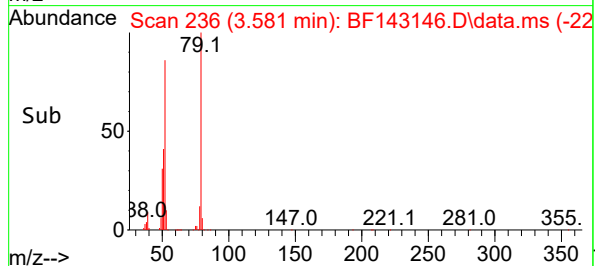
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



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

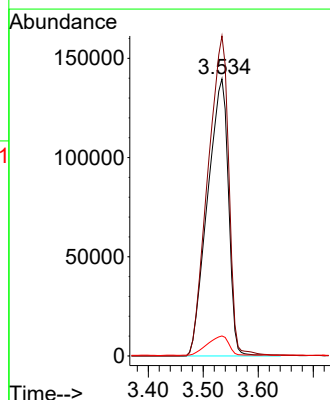
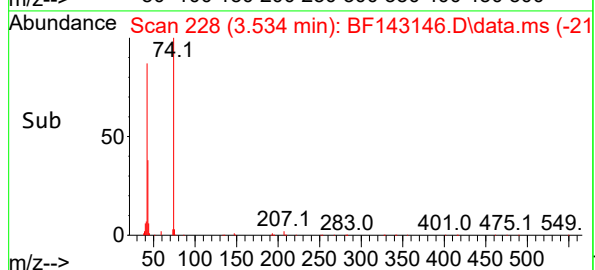
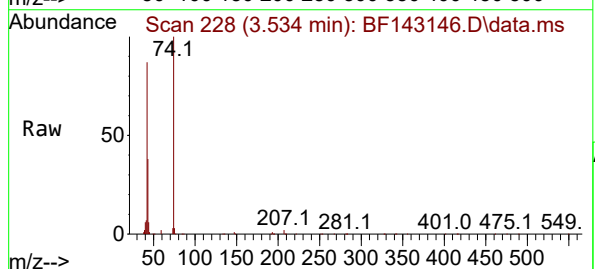
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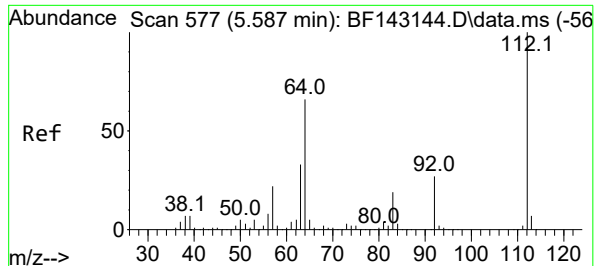
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

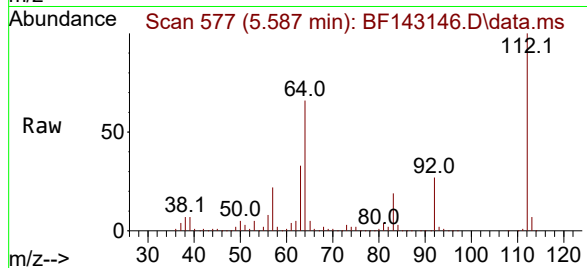
Tgt Ion: 42 Resp: 369452
Ion Ratio Lower Upper
42 100
74 115.5 91.7 137.5
44 7.2 5.6 8.4





#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

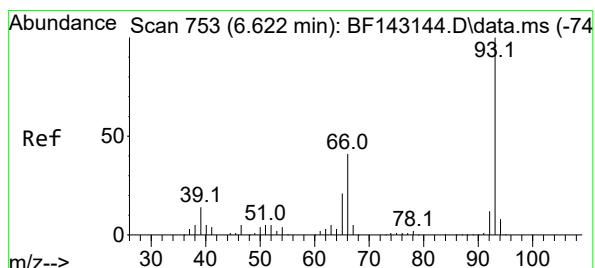
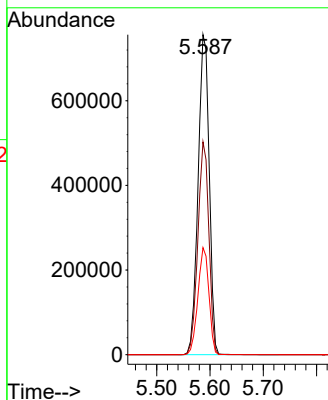
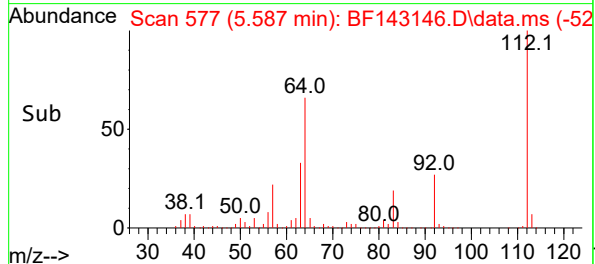
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



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

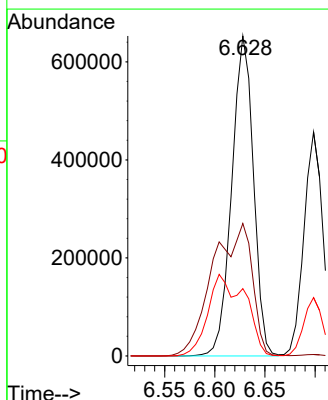
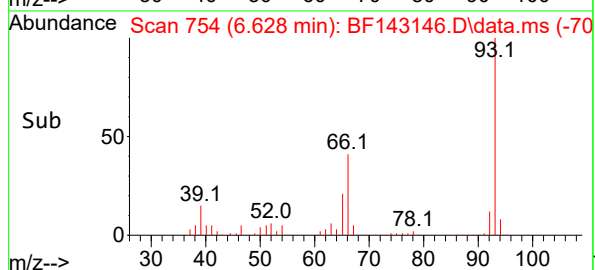
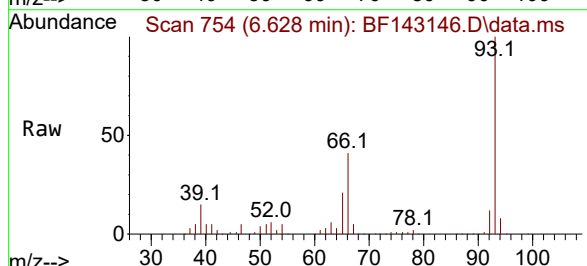
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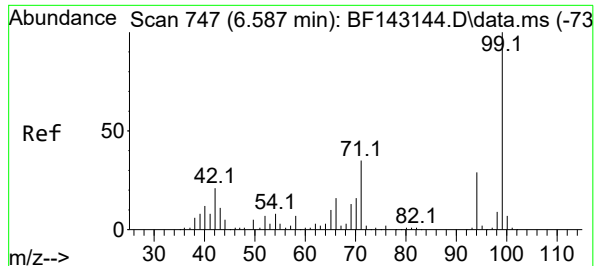
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

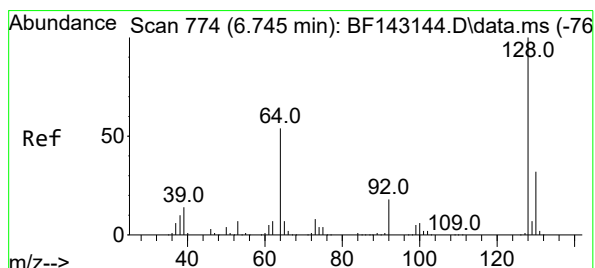
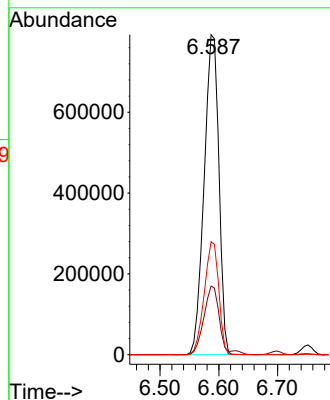
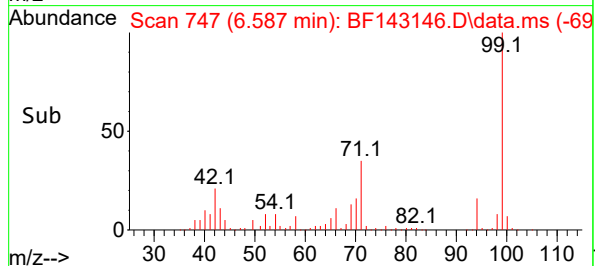
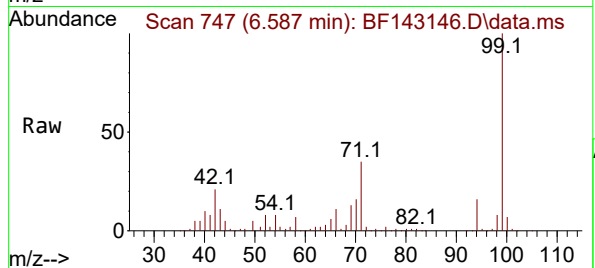
71 35.3 27.7 41.5

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#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

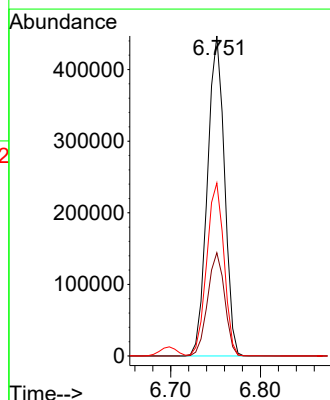
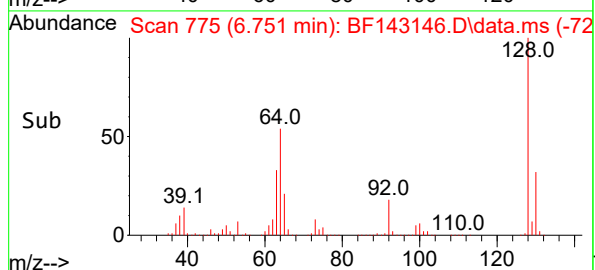
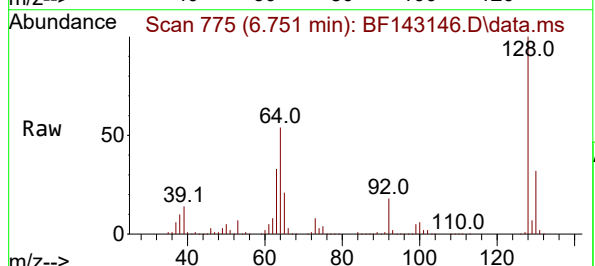
Tgt Ion:128 Resp: 589870

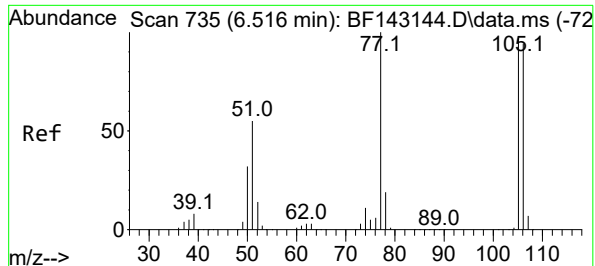
Ion Ratio Lower Upper

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

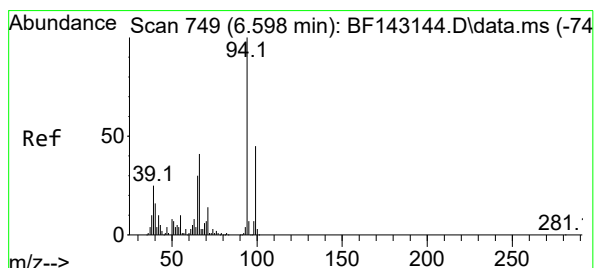
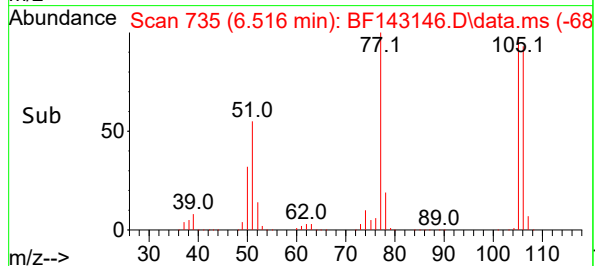
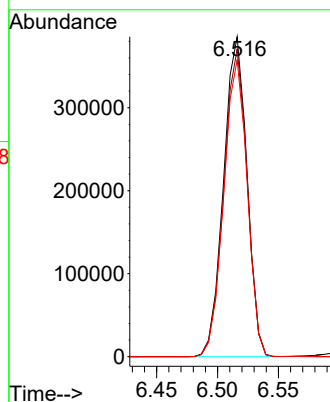
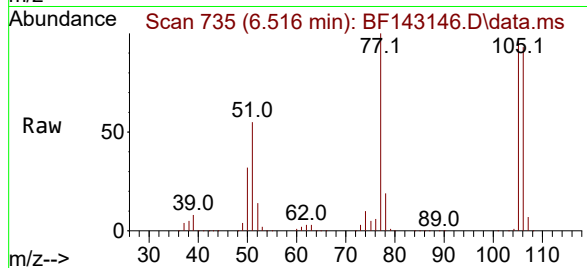
106 92.7 74.4 114.4

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#10

Phenol

Concen: 58.002 ng m

RT: 6.604 min Scan# 750

Delta R.T. 0.006 min

Lab File: BF143146.D

Acq: 17 Jul 2025 14:04

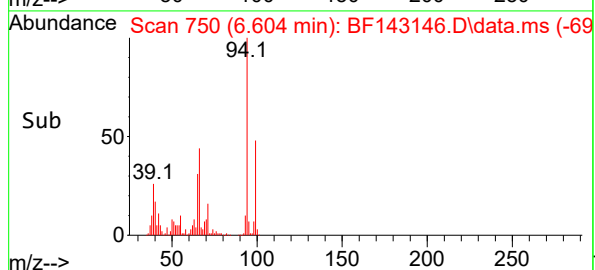
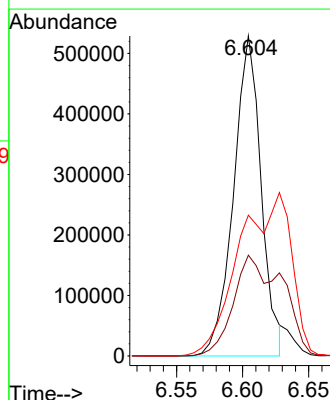
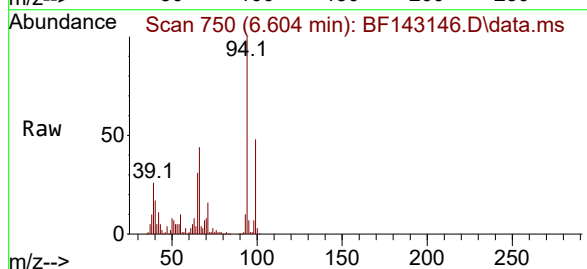
Tgt Ion: 94 Resp: 769713

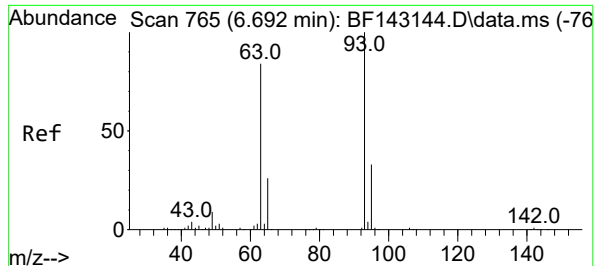
Ion Ratio Lower Upper

94 100

65 31.5 10.0 50.0

66 44.0 20.8 60.8





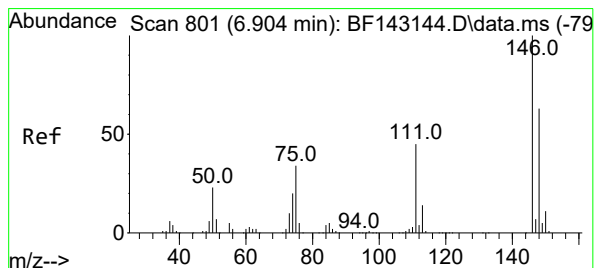
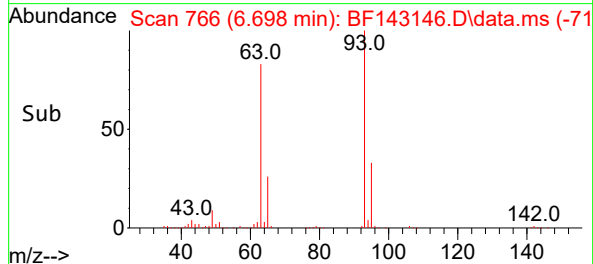
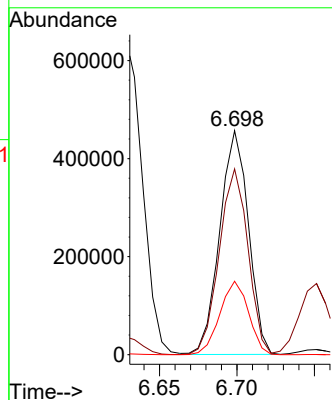
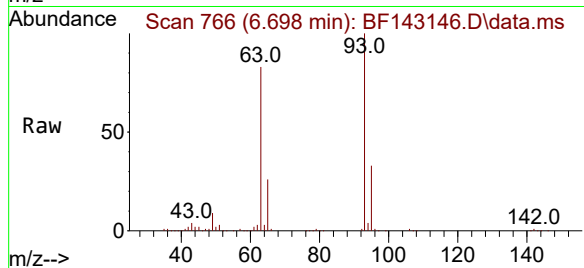
#11
bis(2-Chloroethyl)ether
Concen: 57.918 ng
RT: 6.698 min Scan# 766
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

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

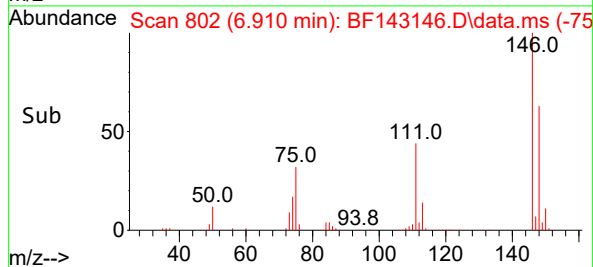
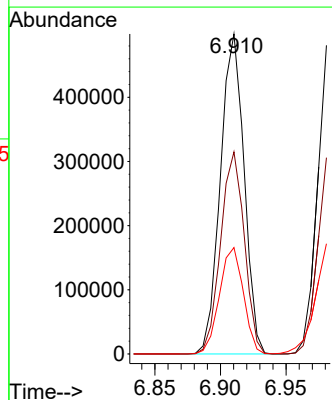
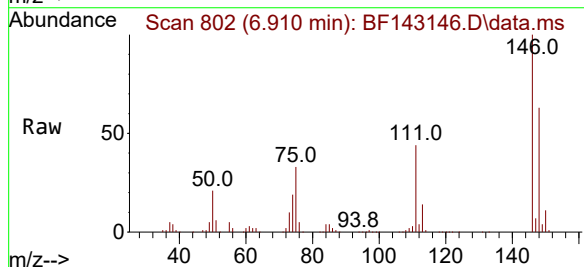
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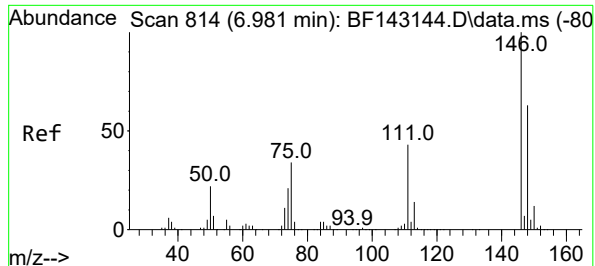
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

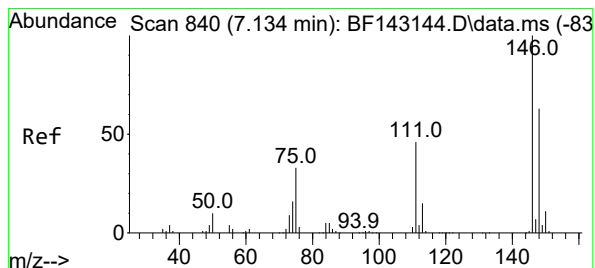
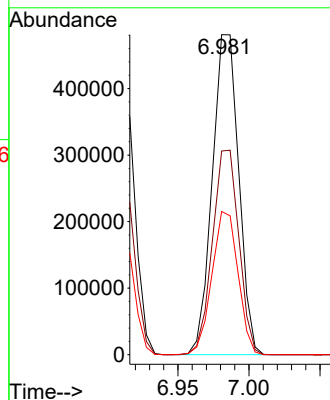
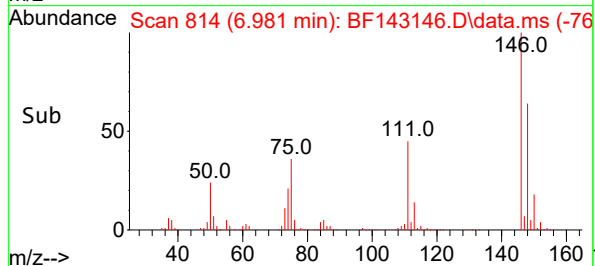
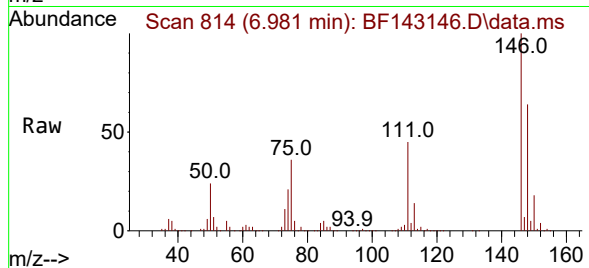
111 44.7 34.4 51.6

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#14

1,2-Dichlorobenzene

Concen: 56.708 ng

RT: 7.140 min Scan# 841

Delta R.T. 0.006 min

Lab File: BF143146.D

Acq: 17 Jul 2025 14:04

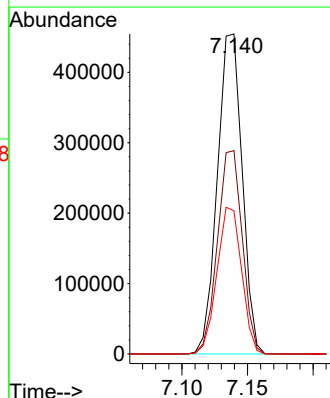
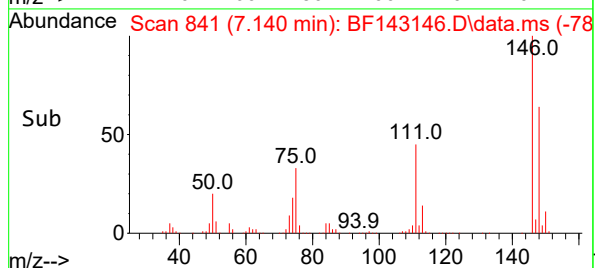
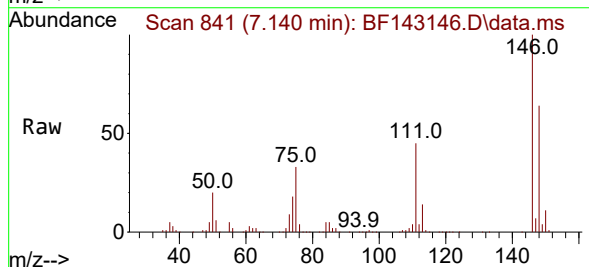
Tgt Ion:146 Resp: 598571

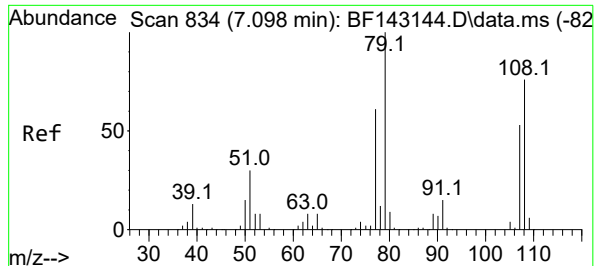
Ion Ratio Lower Upper

146 100

148 63.6 50.7 76.1

111 44.8 36.6 54.8





#15

Benzyl Alcohol

Concen: 58.934 ng

RT: 7.098 min Scan# 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

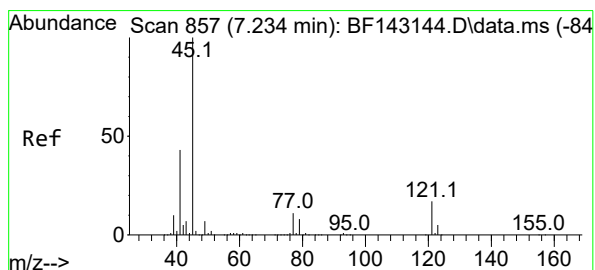
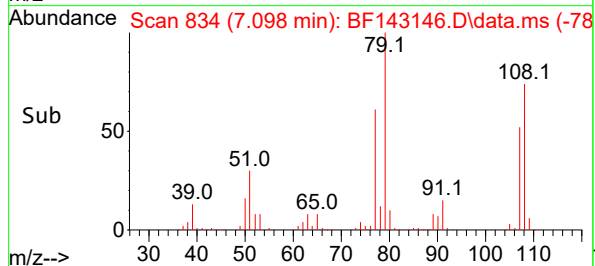
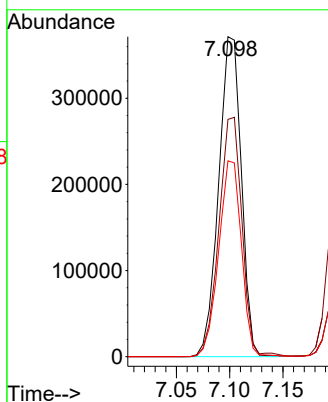
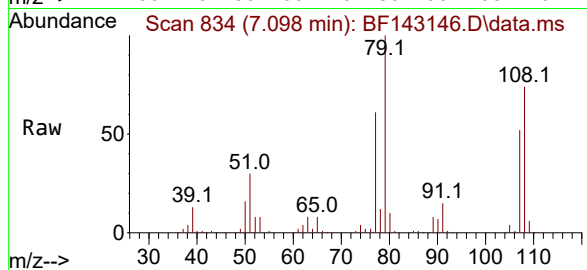
77 61.2 48.9 73.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 57.120 ng

RT: 7.240 min Scan# 858

Delta R.T. 0.006 min

Lab File: BF143146.D

Acq: 17 Jul 2025 14:04

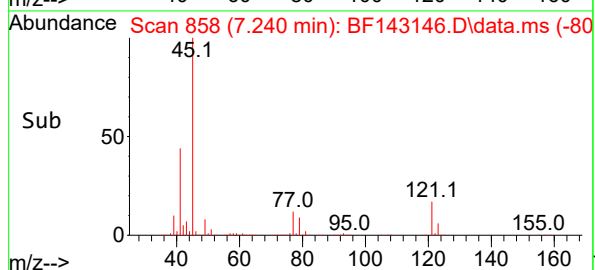
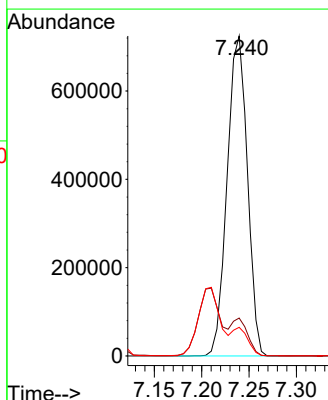
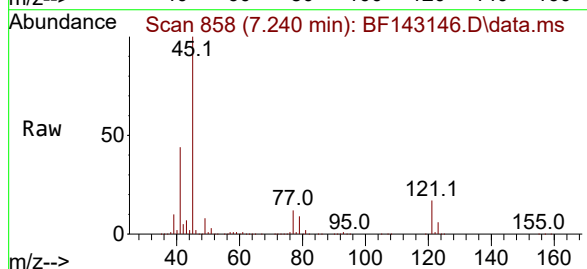
Tgt Ion: 45 Resp: 1076628

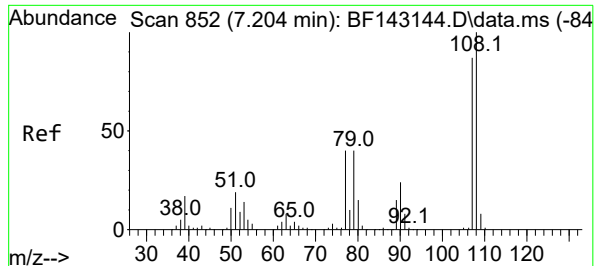
Ion Ratio Lower Upper

45 100

77 11.8 0.0 31.2

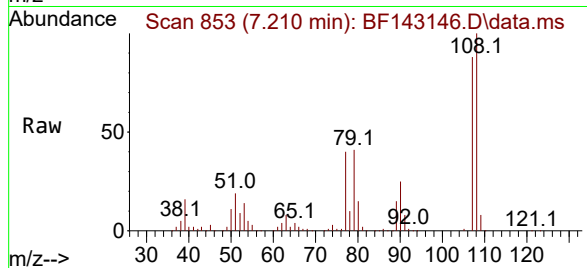
79 9.0 0.0 28.5





#17
2-Methylphenol
Concen: 58.393 ng
RT: 7.210 min Scan# 853
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

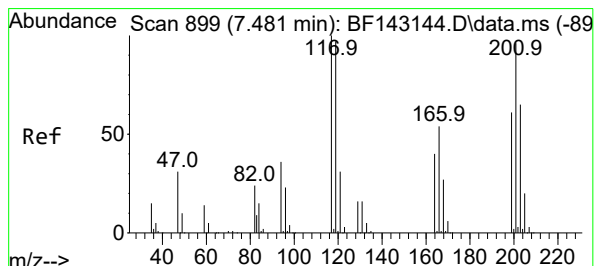
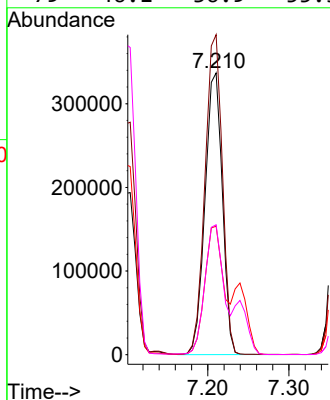
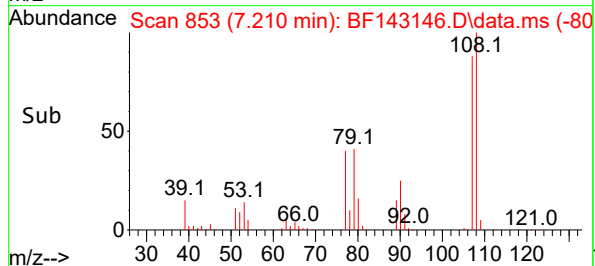
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:107 Resp: 49807
Ion Ratio Lower Upper
107 100
108 113.6 91.8 137.6
77 45.6 37.0 55.6
79 46.1 36.9 55.3

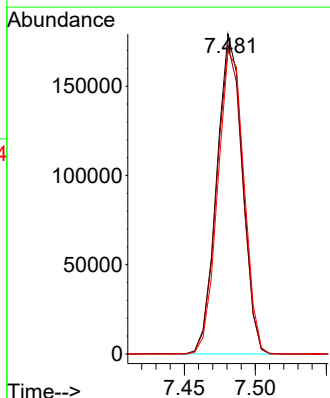
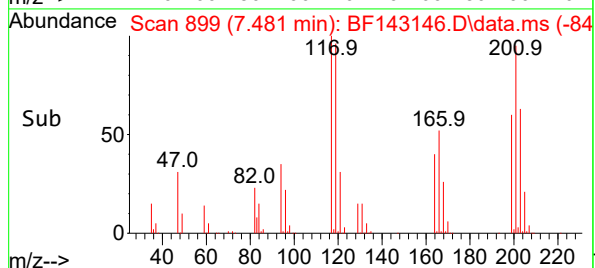
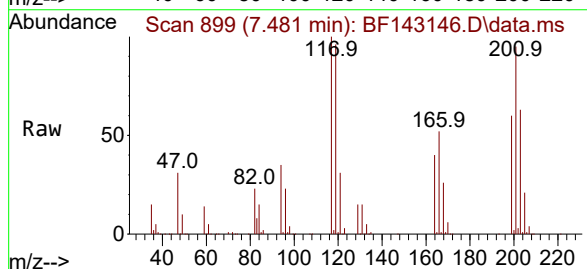
Manual Integrations
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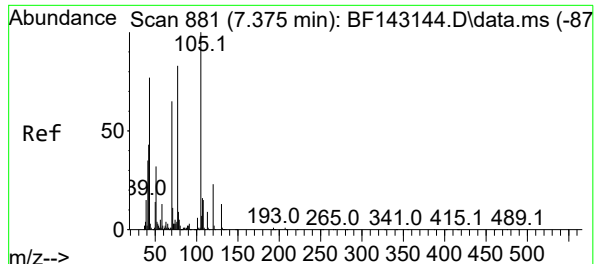
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

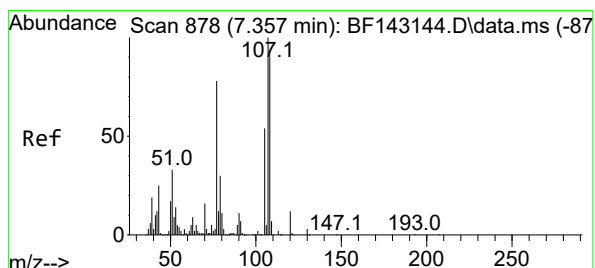
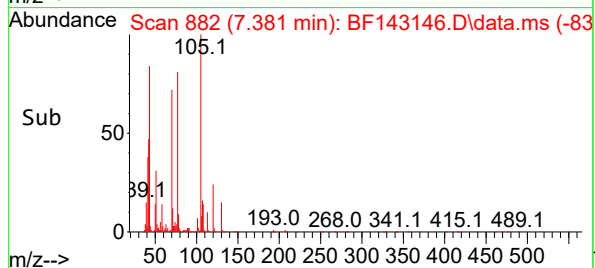
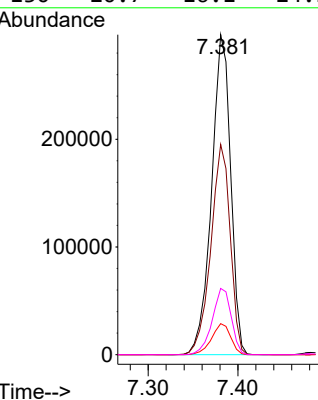
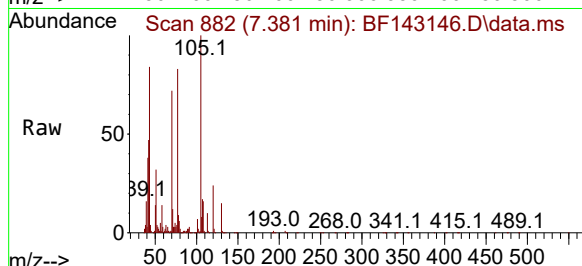
130 20.7 16.1 24.1

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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

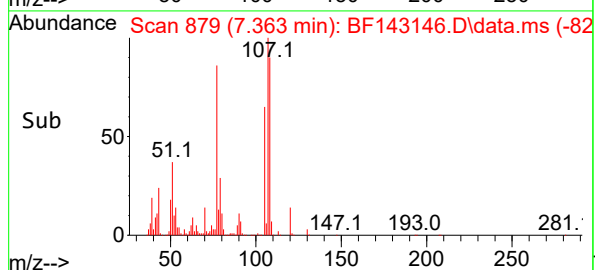
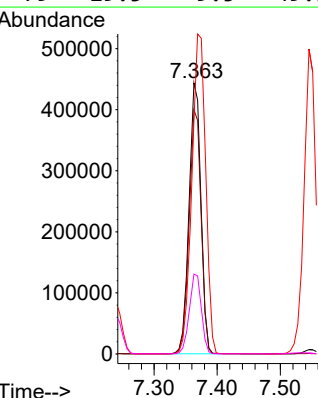
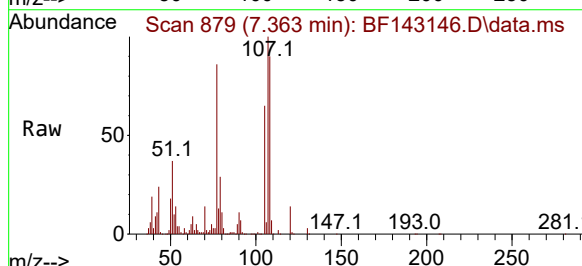
Ion Ratio Lower Upper

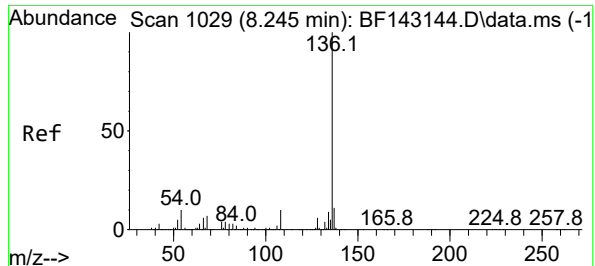
107 100

108 90.1 70.0 110.0

77 86.3 57.8 97.8

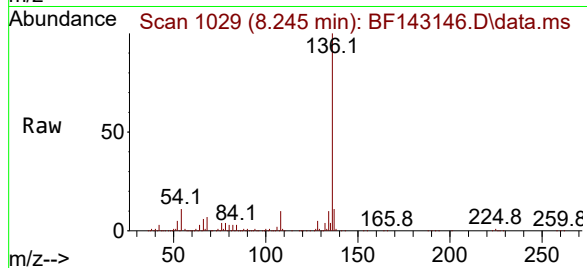
79 29.5 9.5 49.5





#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

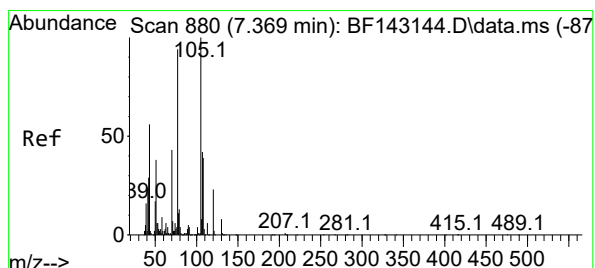
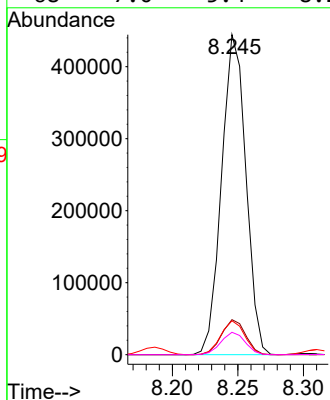
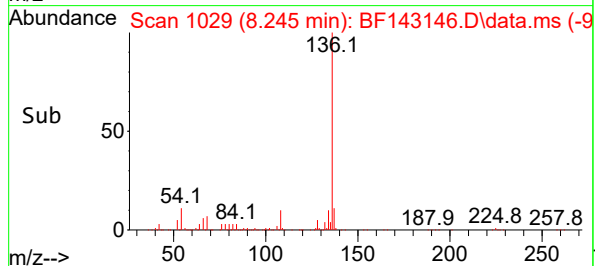
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



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

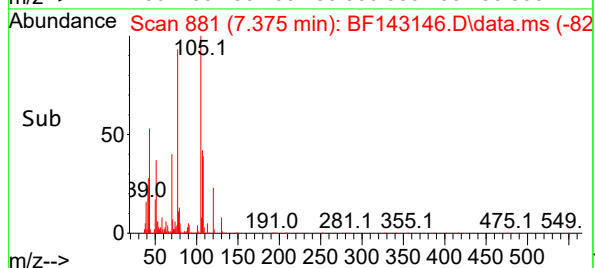
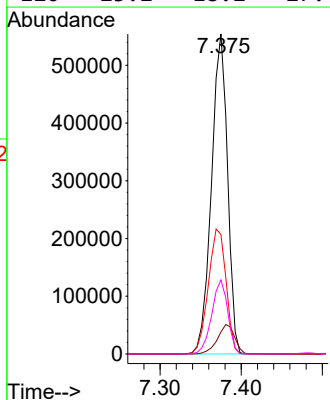
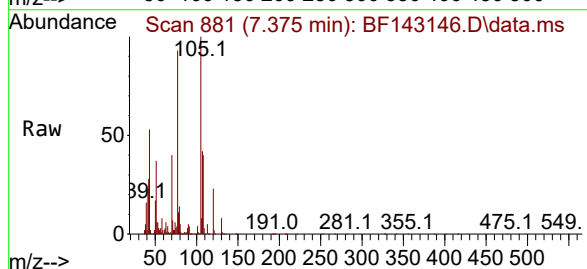
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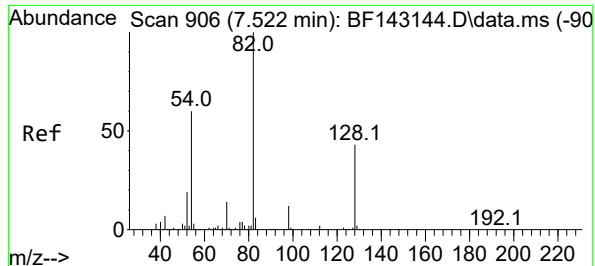
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

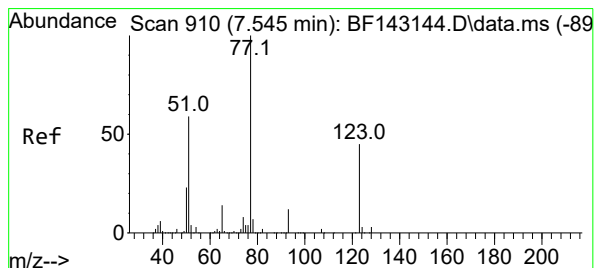
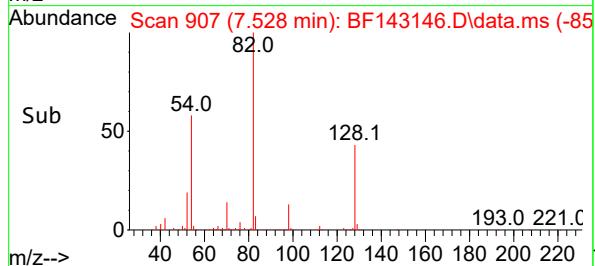
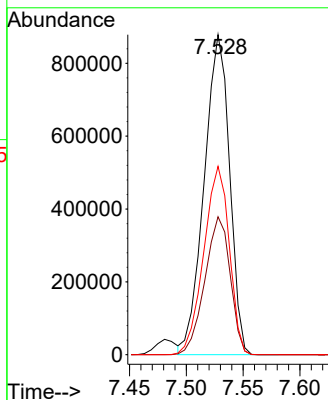
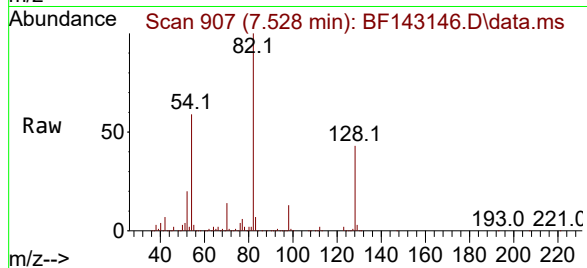
54 58.9 47.1 70.7

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

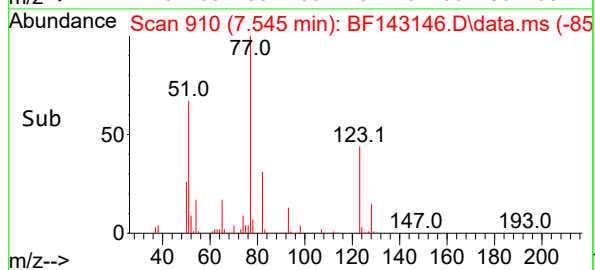
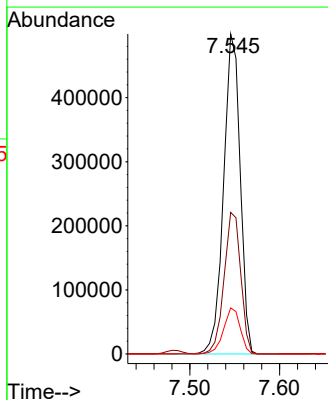
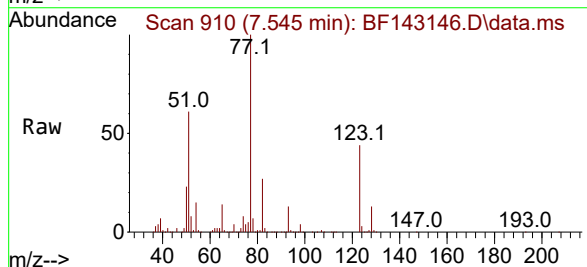
Tgt Ion: 77 Resp: 641832

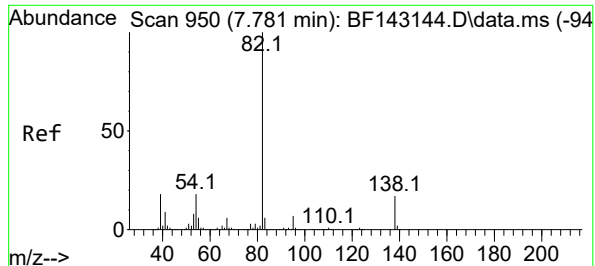
Ion Ratio Lower Upper

77 100

123 44.3 36.1 54.1

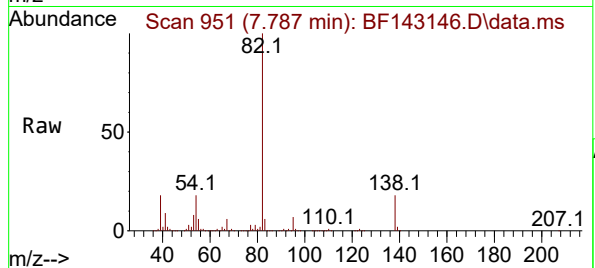
65 14.4 11.4 17.2





#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

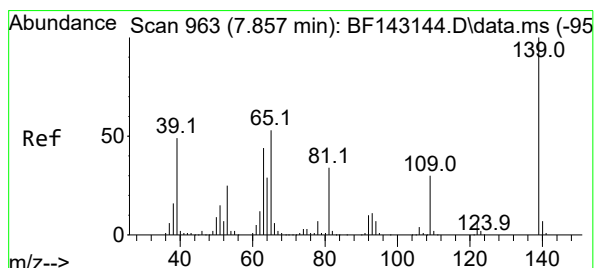
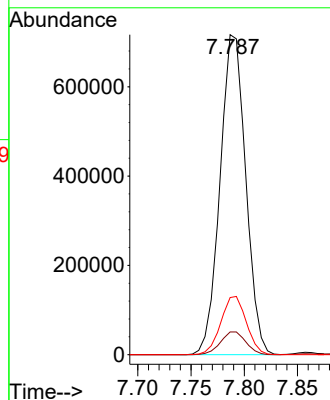
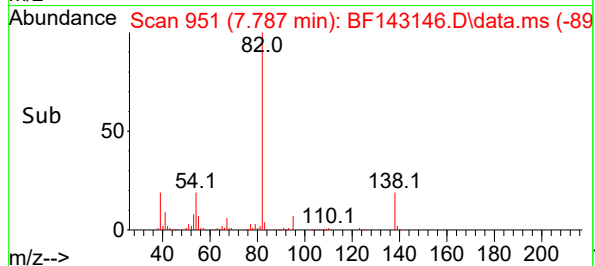
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



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

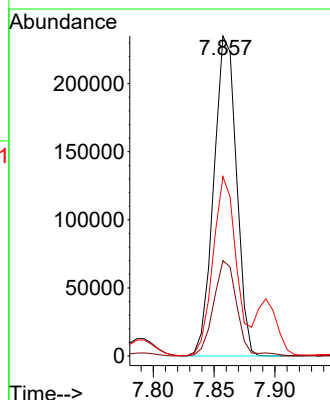
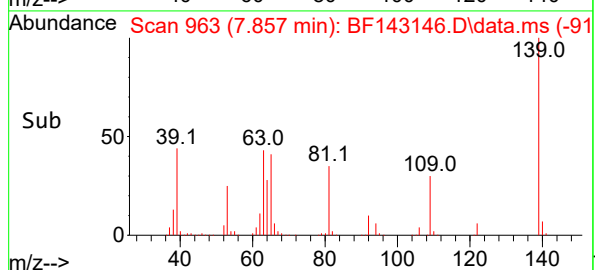
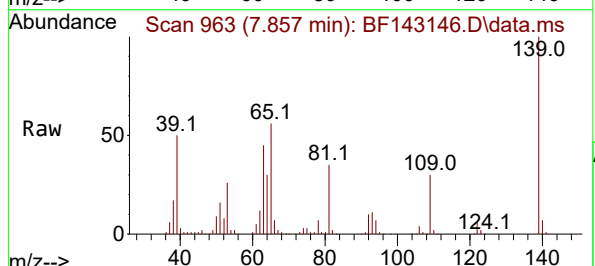
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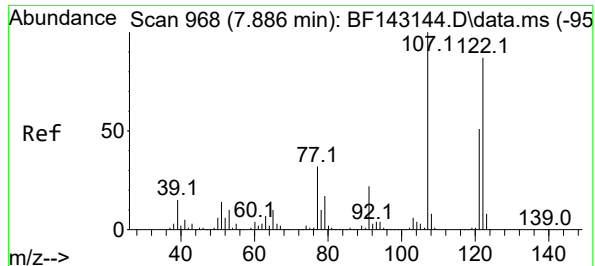
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

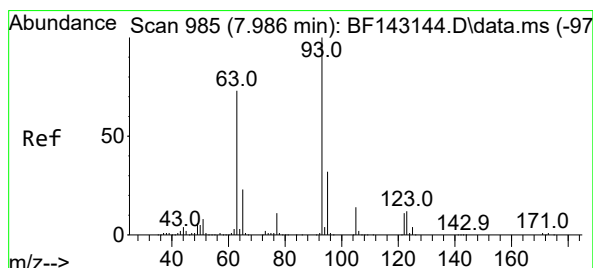
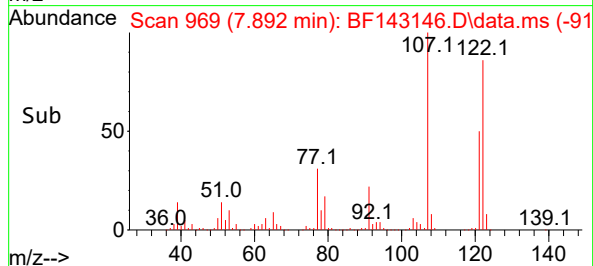
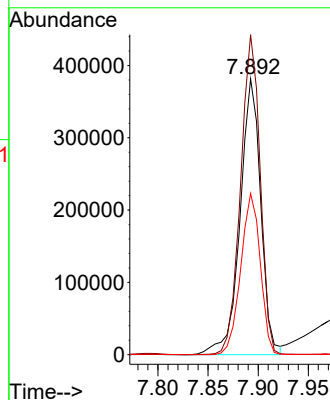
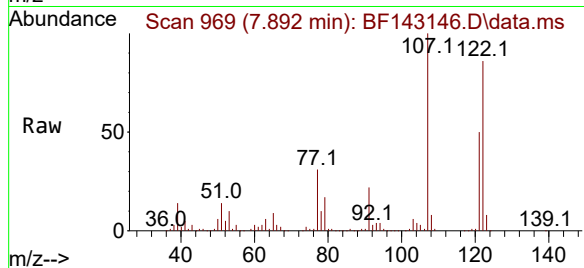
121 58.4 46.3 69.5

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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

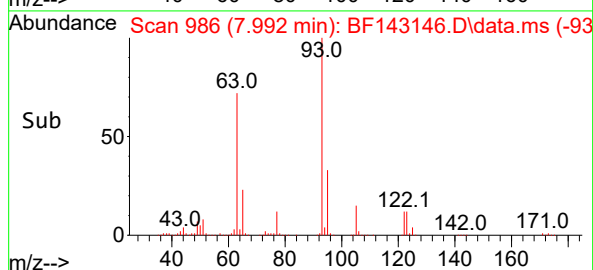
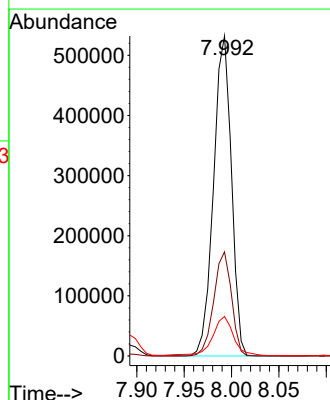
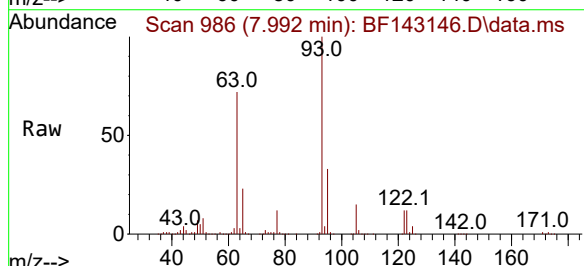
Tgt Ion: 93 Resp: 696403

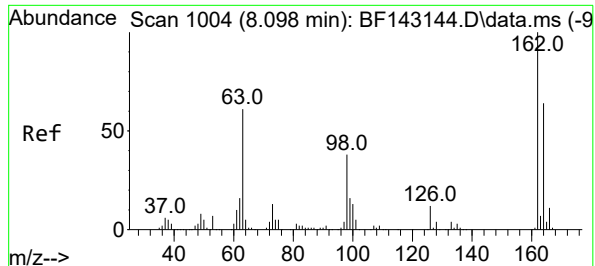
Ion Ratio Lower Upper

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

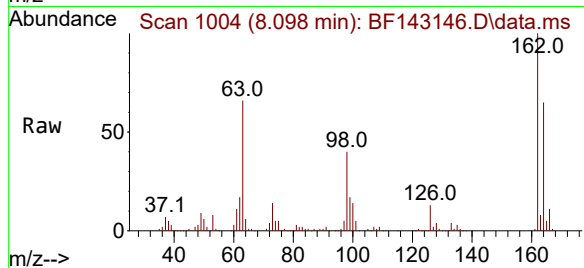
Acq: 17 Jul 2025 14:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



Tgt Ion:162 Resp: 466809

Ion Ratio Lower Upper

162 100

164 64.9 44.2 84.2

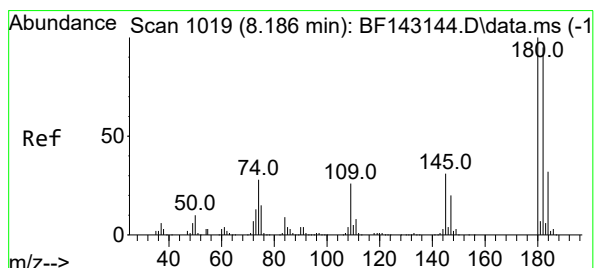
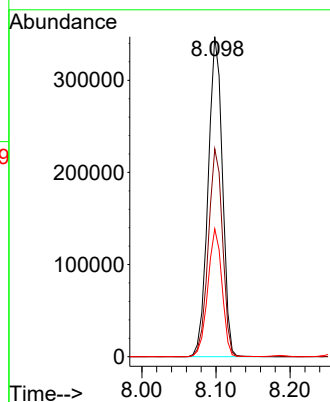
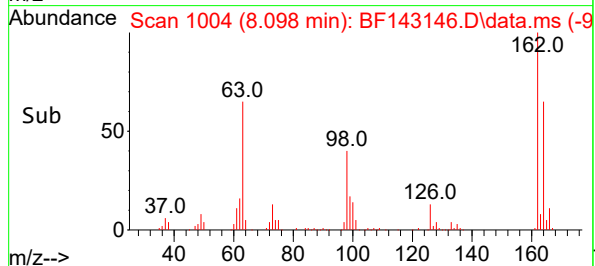
98 39.9 17.9 57.9

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

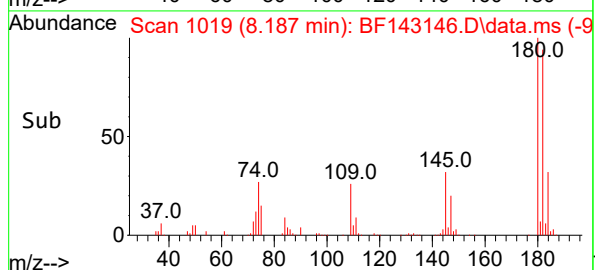
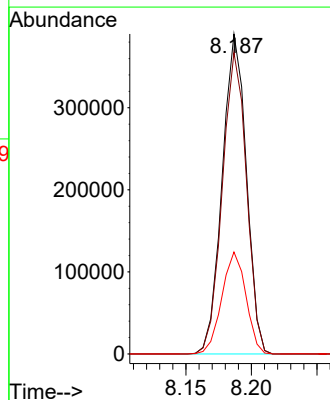
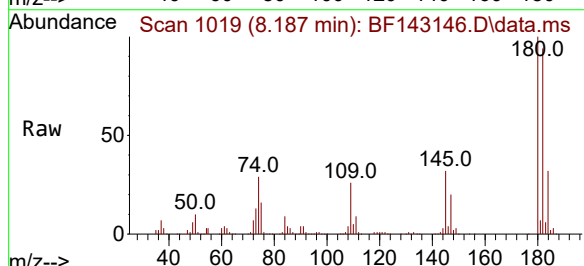
Tgt Ion:180 Resp: 498478

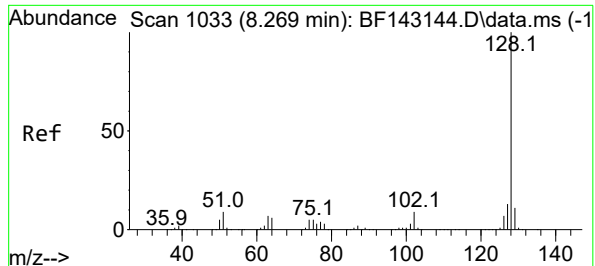
Ion Ratio Lower Upper

180 100

182 94.2 76.2 114.2

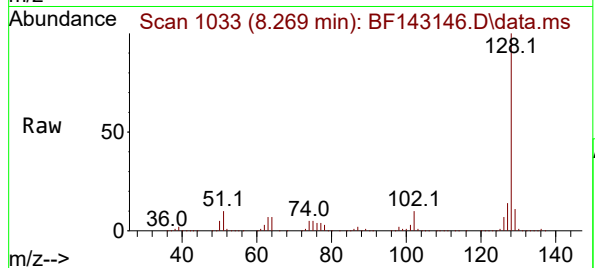
145 31.8 25.0 37.6





#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

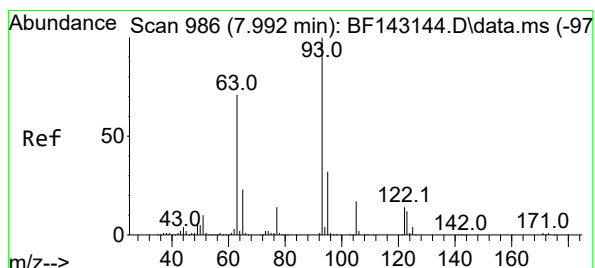
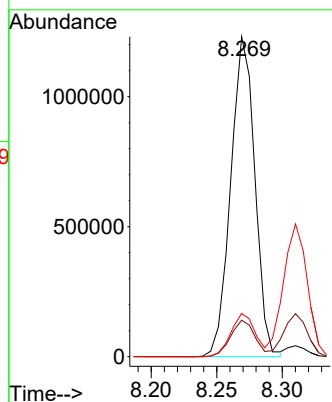
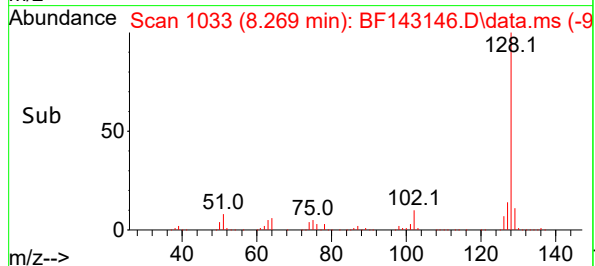
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



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

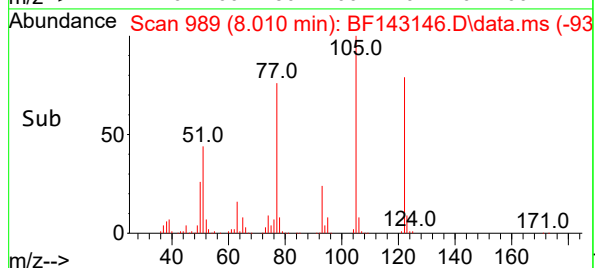
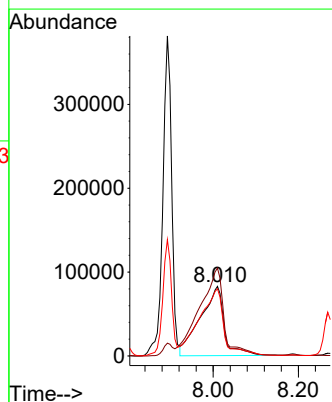
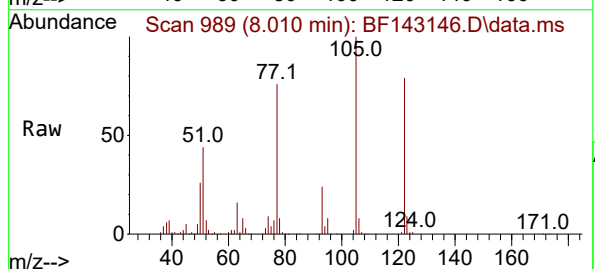
Manual Integrations
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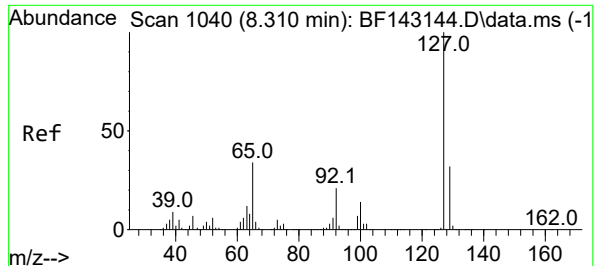
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

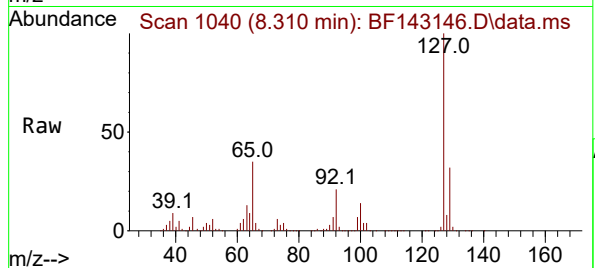
Tgt Ion:122 Resp: 321703
Ion Ratio Lower Upper
122 100
105 126.3 104.8 144.8
77 96.5 77.6 117.6





#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

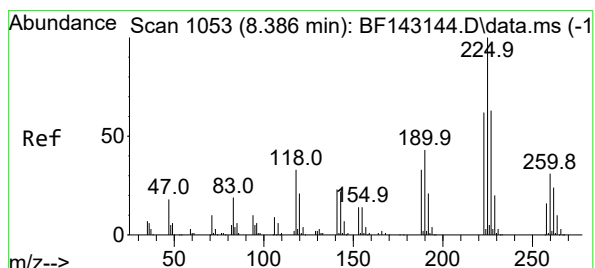
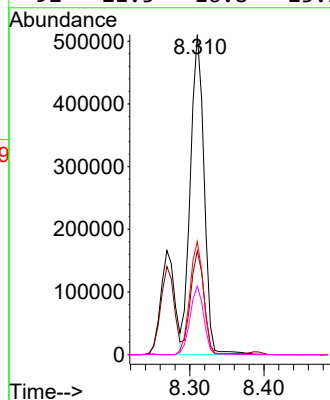
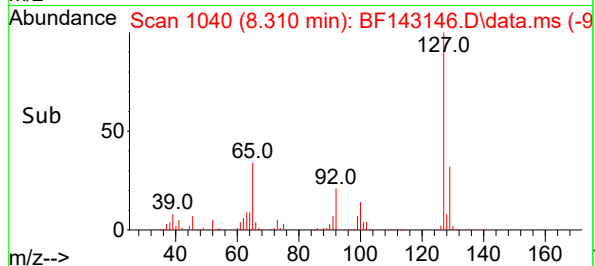
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



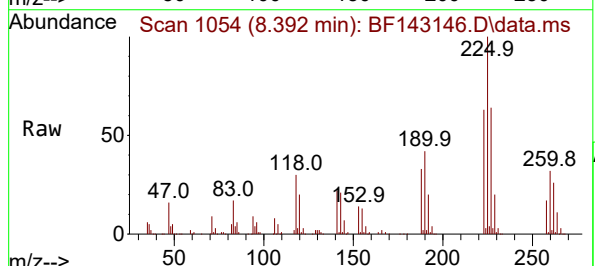
Tgt Ion:127 Resp: 65946
Ion Ratio Lower Upper
127 100
129 32.4 26.0 39.0
65 35.3 27.4 41.2
92 21.5 16.8 25.2

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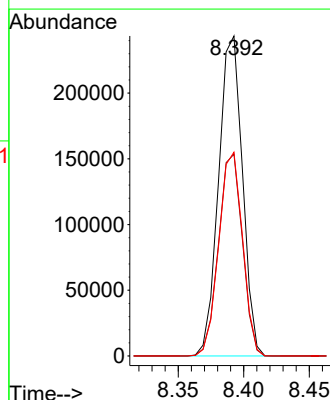
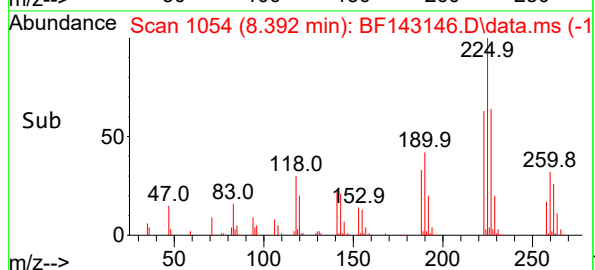
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

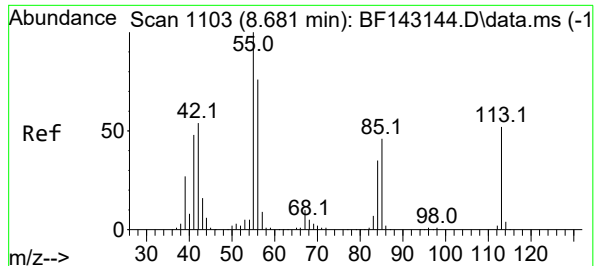


#34
Hexachlorobutadiene
Concen: 58.230 ng
RT: 8.392 min Scan# 1054
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04



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





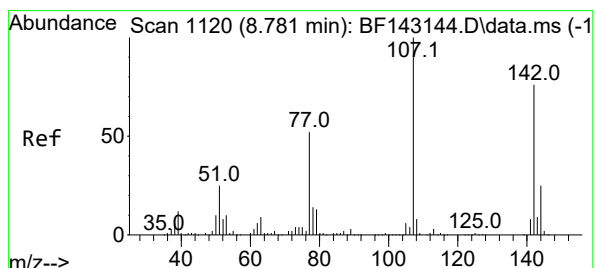
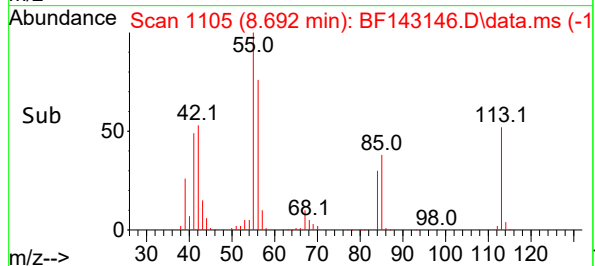
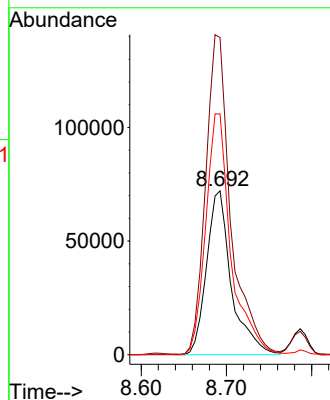
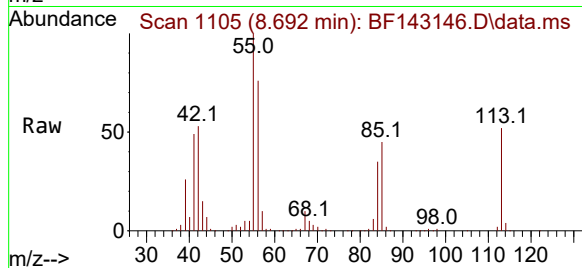
#35
Caprolactam
Concen: 60.327 ng
RT: 8.692 min Scan# 1105
Delta R.T. 0.012 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

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

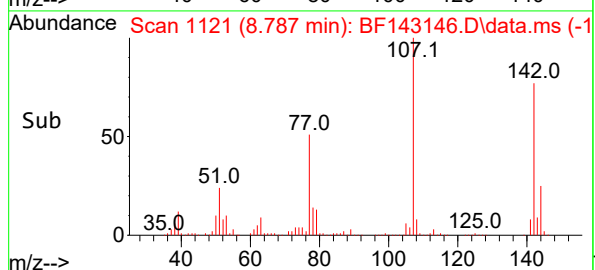
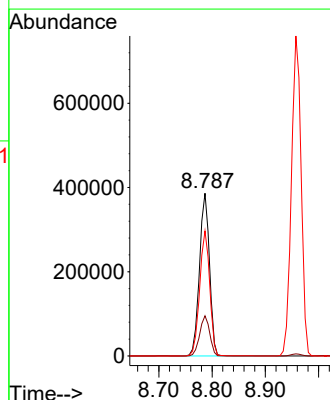
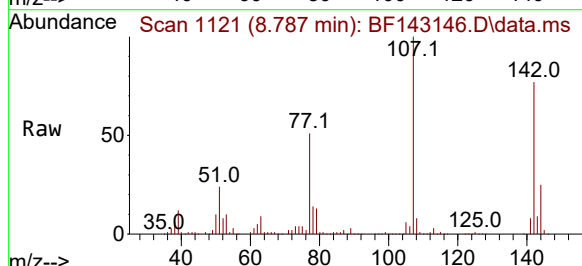
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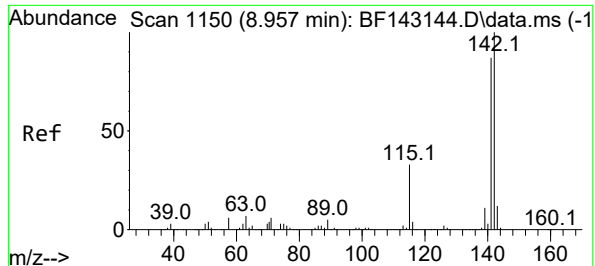
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

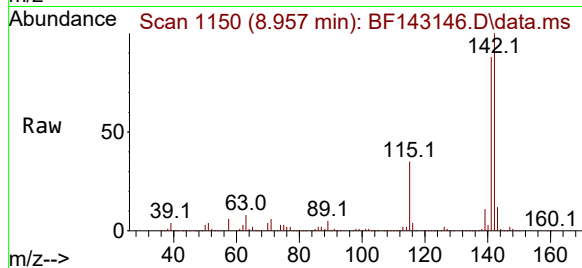
Tgt Ion:107 Resp: 506142
Ion Ratio Lower Upper
107 100
144 24.7 19.8 29.6
142 76.9 60.6 90.8





#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

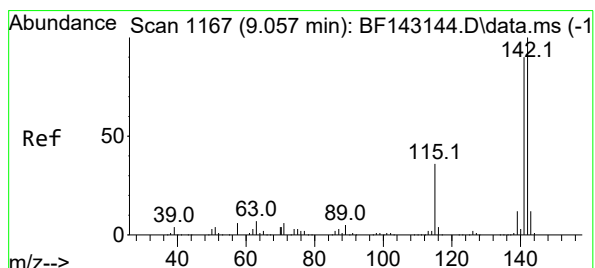
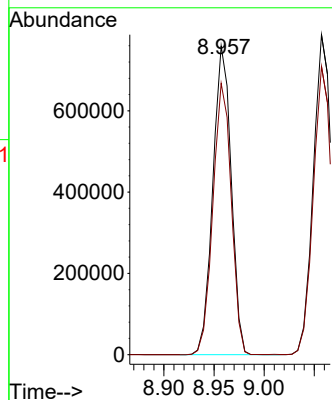
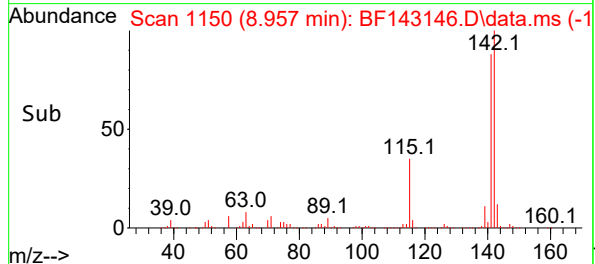
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:142 Resp: 96603
Ion Ratio Lower Upper
142 100
141 87.9 69.9 104.9

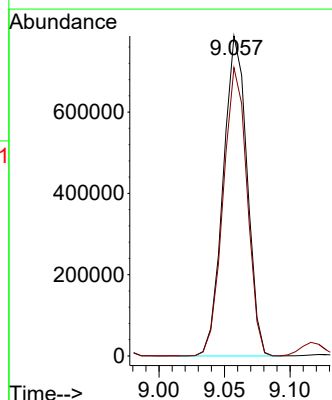
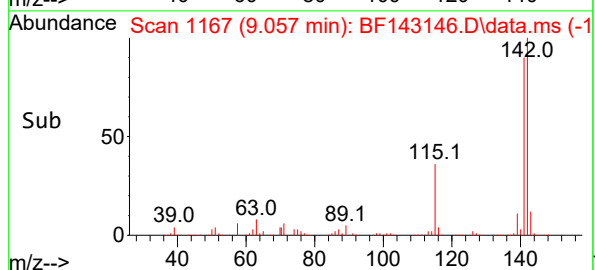
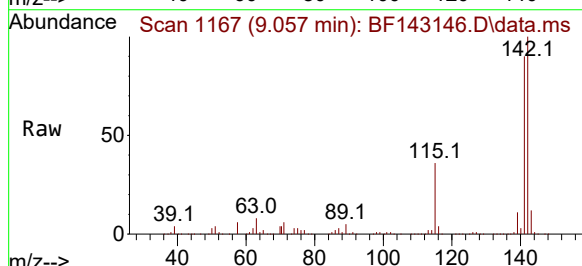
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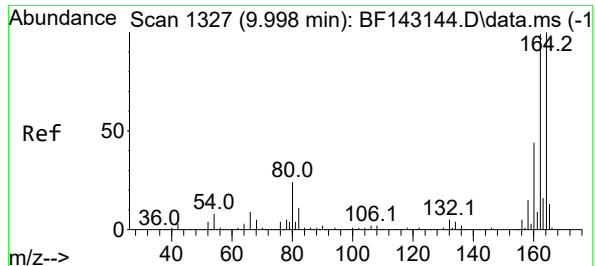
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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# 1179

Delta R.T. 0.006 min

Lab File: BF143146.D

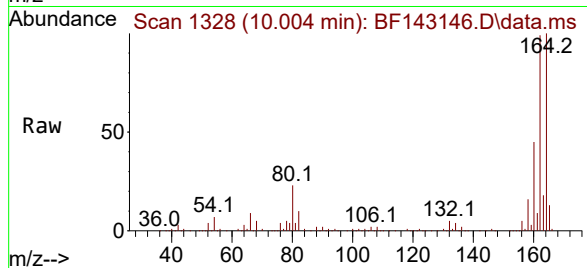
Acq: 17 Jul 2025 14:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



Tgt Ion:164 Resp: 286544

Ion Ratio Lower Upper

164 100

162 99.1 79.0 118.6

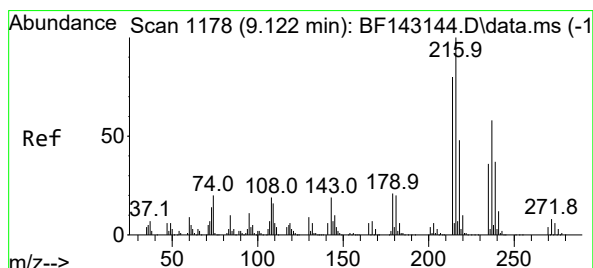
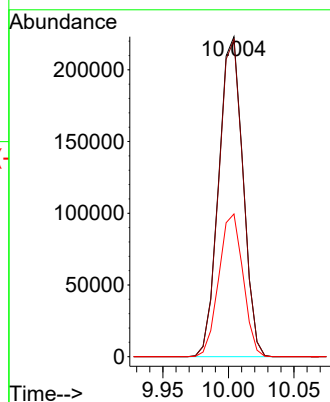
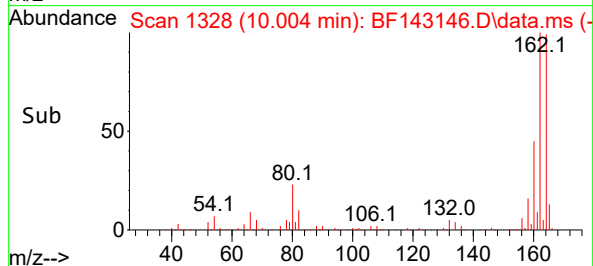
160 44.6 35.1 52.7

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

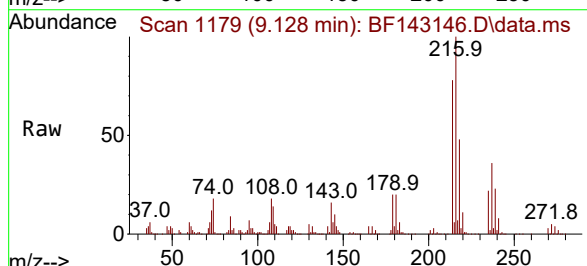
Concen: 57.955 ng

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

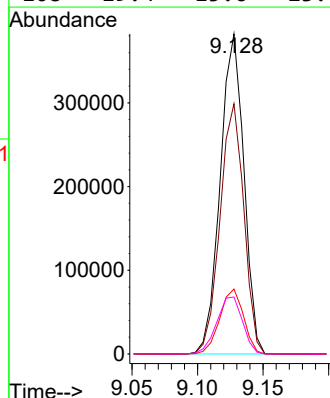
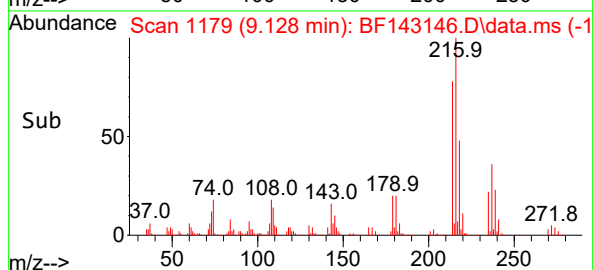
Ion Ratio Lower Upper

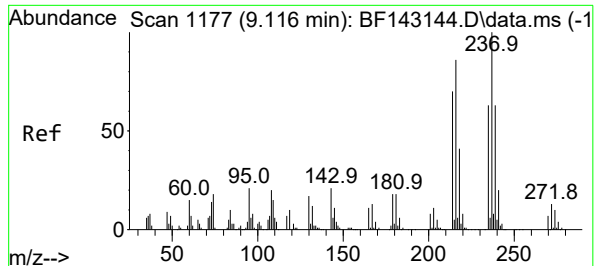
216 100

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

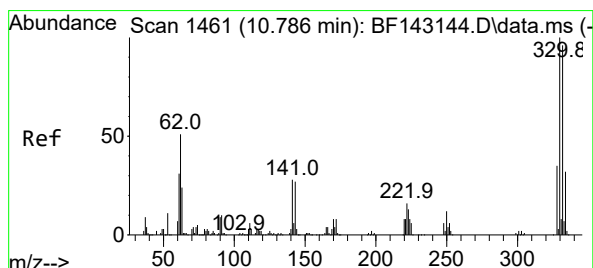
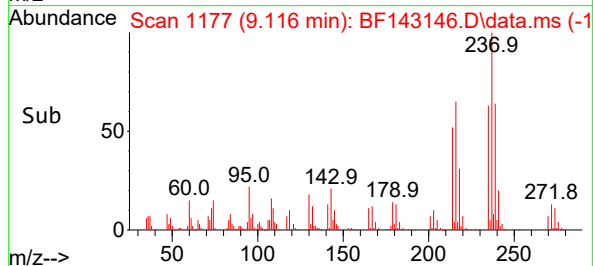
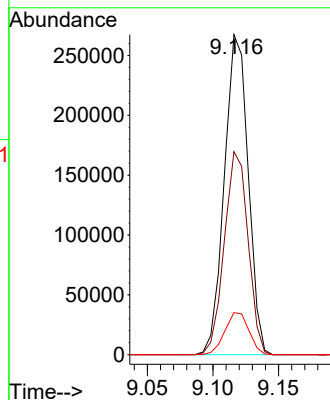
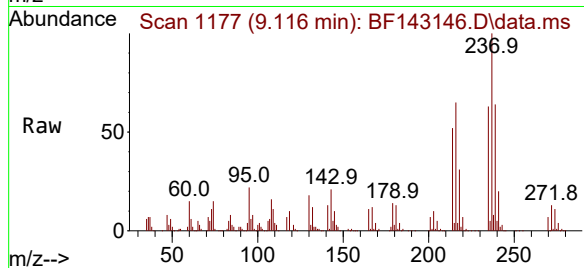
272 13.2 0.0 33.3

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

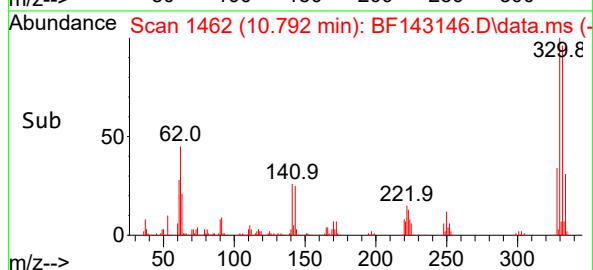
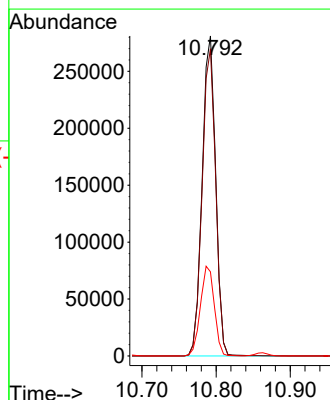
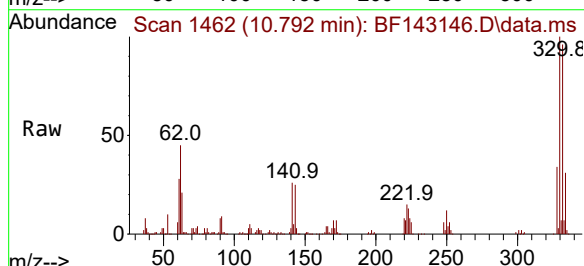
Tgt Ion:330 Resp: 354678

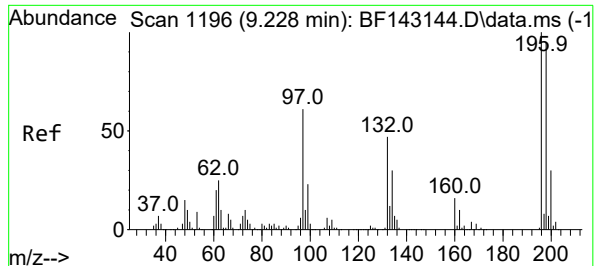
Ion Ratio Lower Upper

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

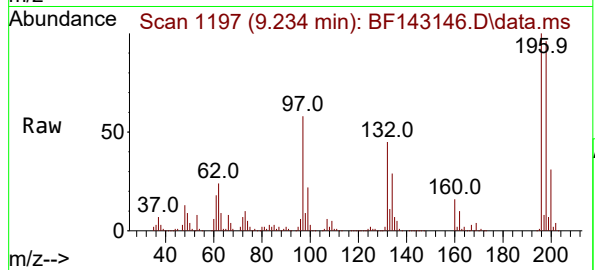
Acq: 17 Jul 2025 14:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



Tgt Ion:196 Resp: 34494

Ion Ratio Lower Upper

196 100

198 95.8 76.2 114.2

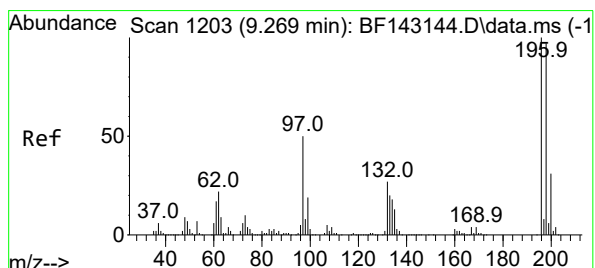
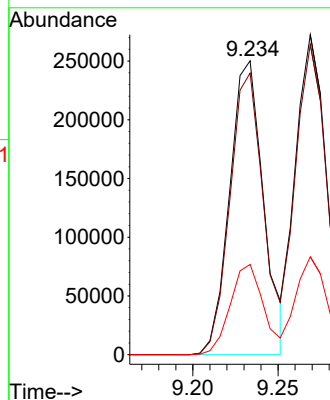
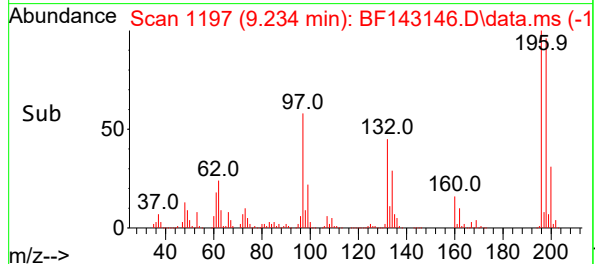
200 30.7 23.9 35.9

Manual Integrations

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Supervised By :Jagrut Upadhyay 07/18/2025



#44

2,4,5-Trichlorophenol

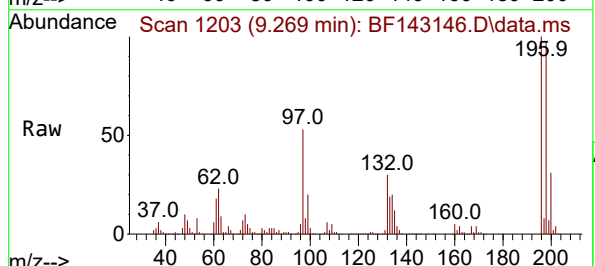
Concen: 59.305 ng

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

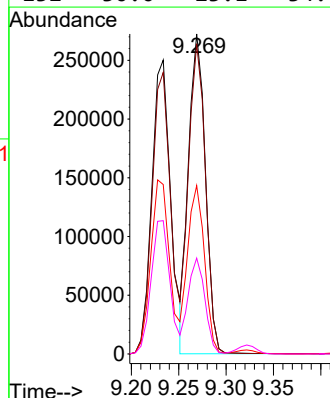
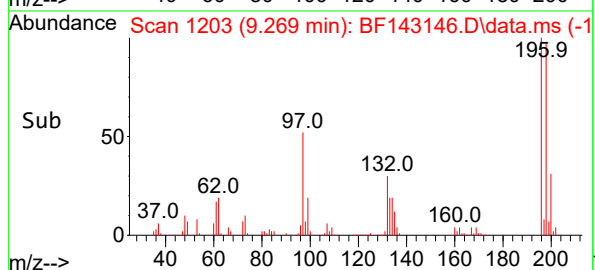
Ion Ratio Lower Upper

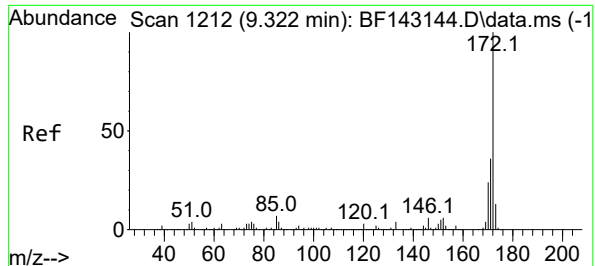
196 100

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

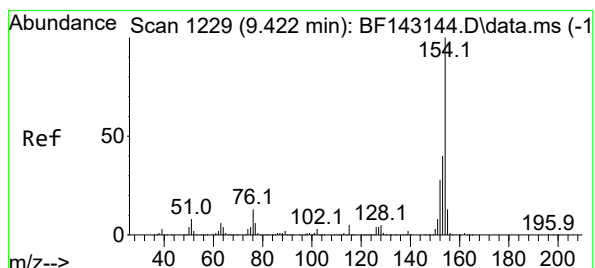
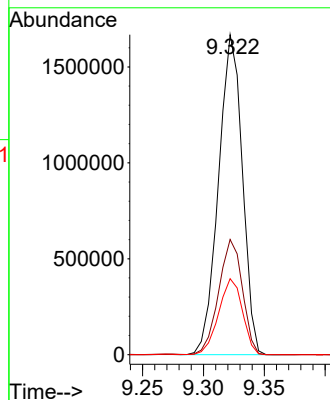
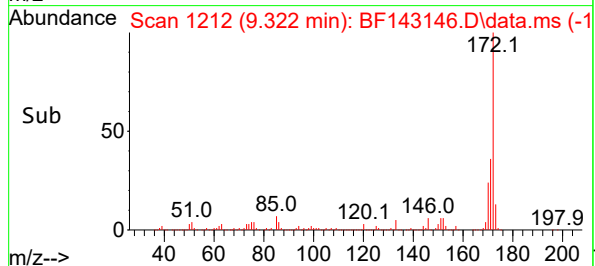
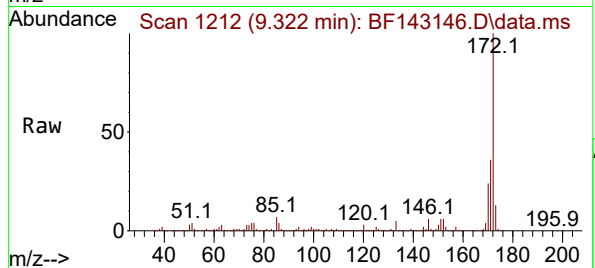
170 23.7 18.8 28.2

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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

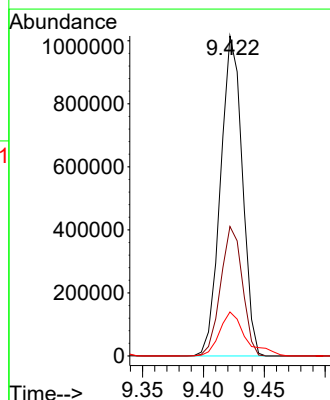
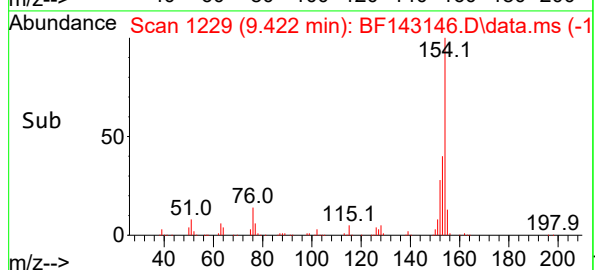
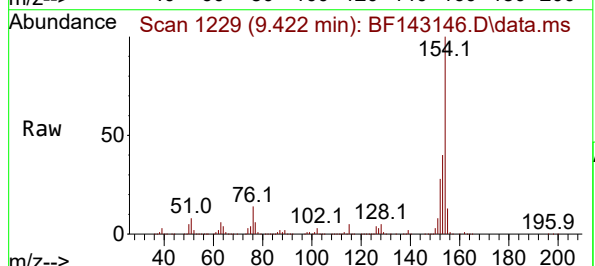
Tgt Ion:154 Resp: 1265588

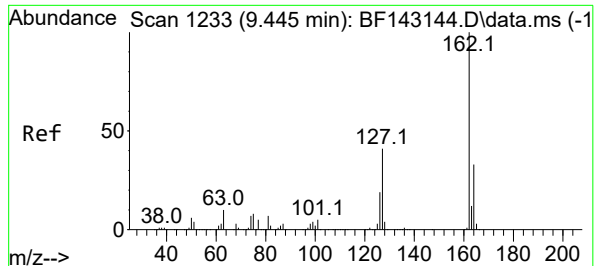
Ion Ratio Lower Upper

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

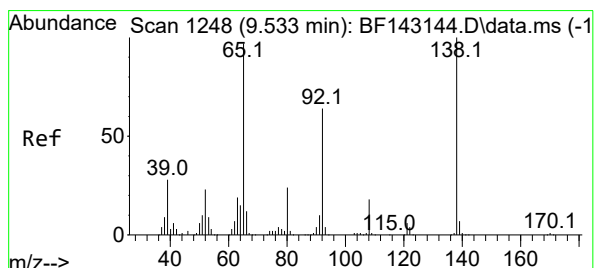
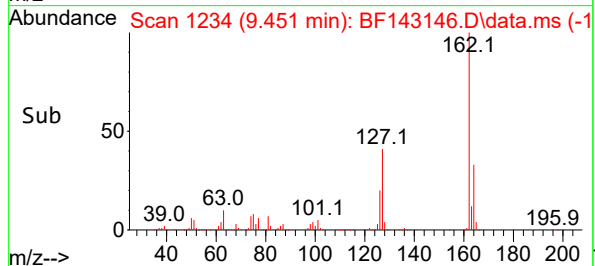
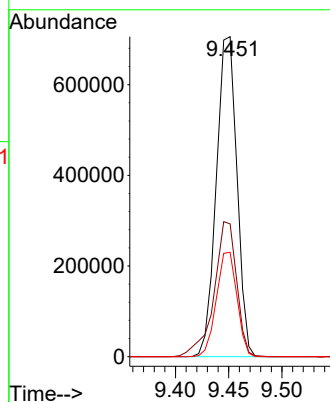
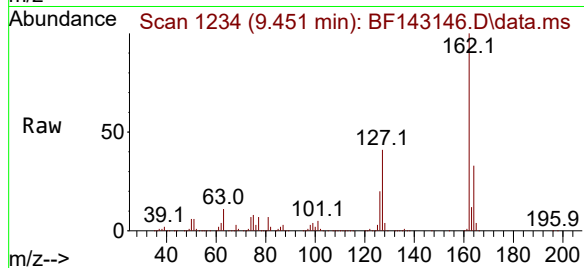
Ion	Ratio	Lower	Upper
162	100		
127	41.5	33.4	50.2
164	32.6	26.2	39.2

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

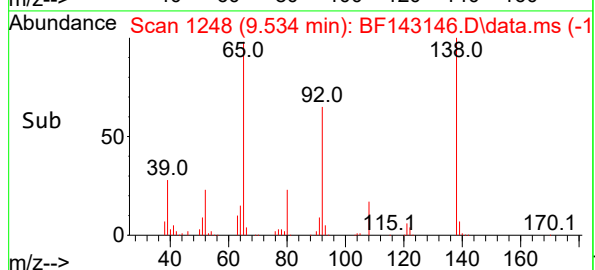
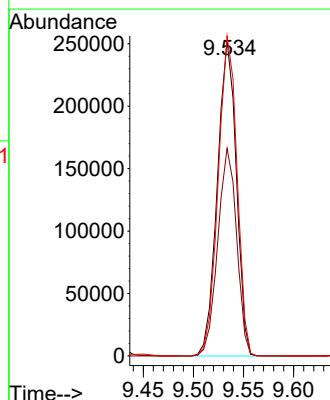
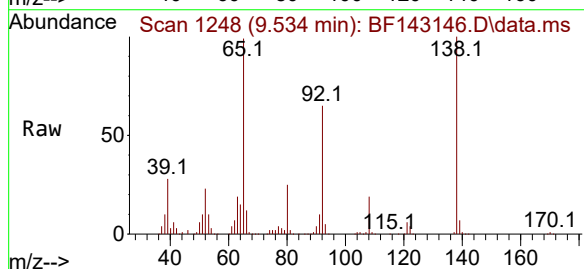
Delta R.T. 0.000 min

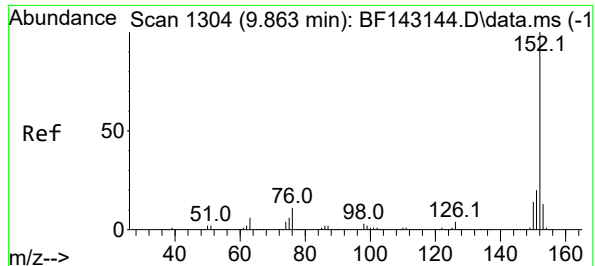
Lab File: BF143146.D

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

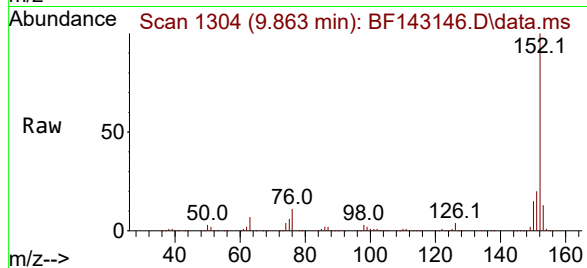
Acq: 17 Jul 2025 14:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



Tgt Ion:152 Resp: 1576240

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.2

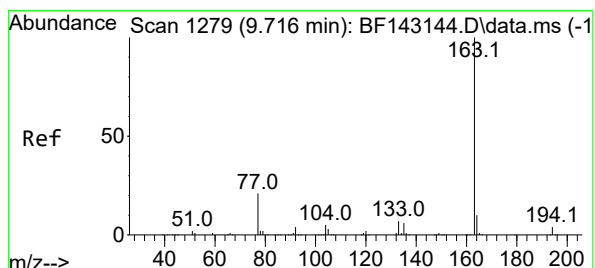
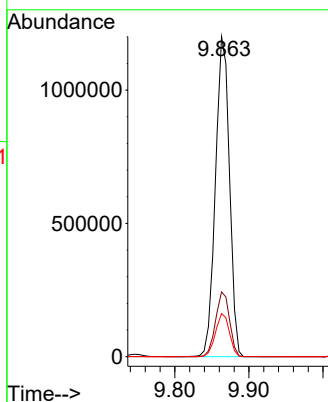
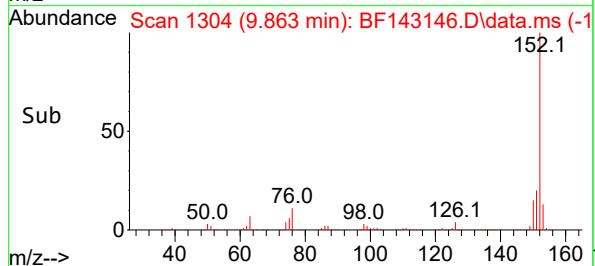
153 13.5 10.6 16.0

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#50

Dimethylphthalate

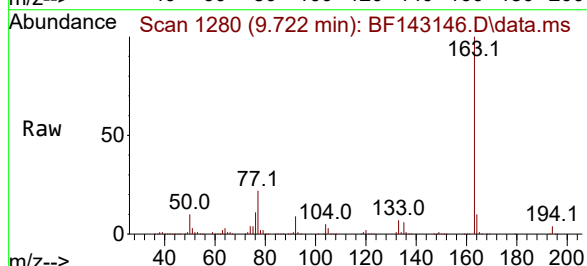
Concen: 57.558 ng

RT: 9.722 min Scan# 1280

Delta R.T. 0.006 min

Lab File: BF143146.D

Acq: 17 Jul 2025 14:04



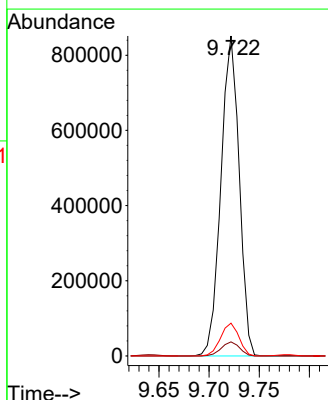
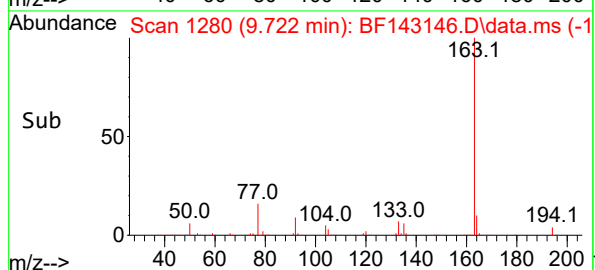
Tgt Ion:163 Resp: 1075052

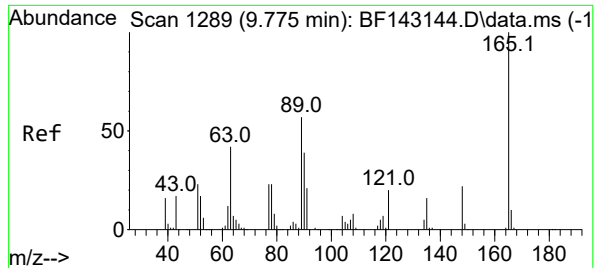
Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

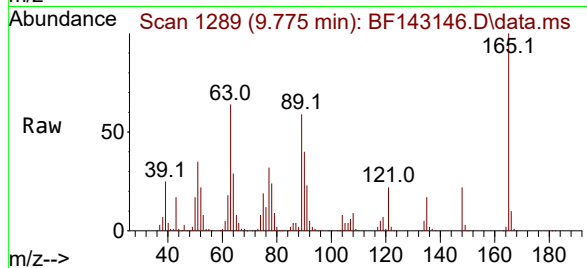
164 10.3 8.3 12.5





#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

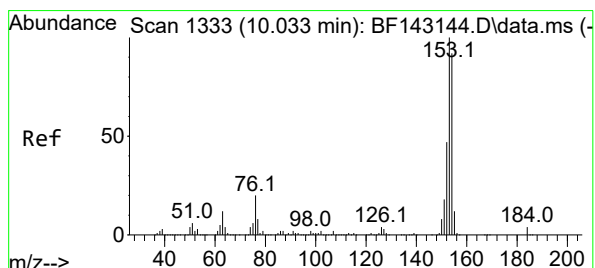
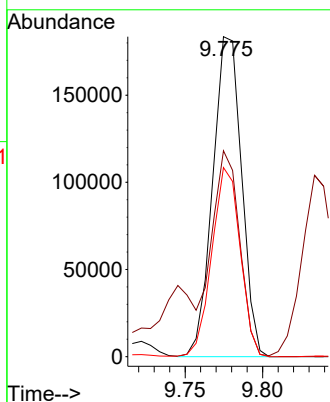
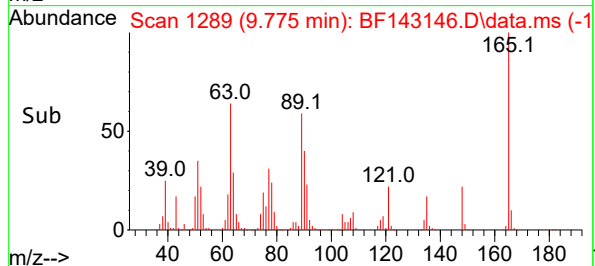
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



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

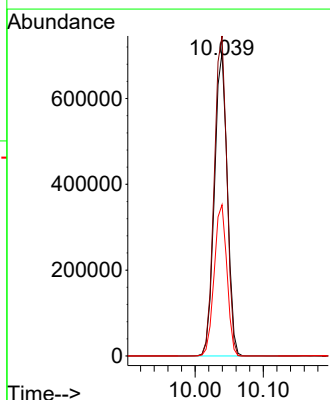
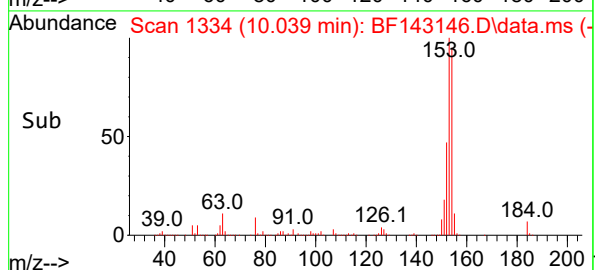
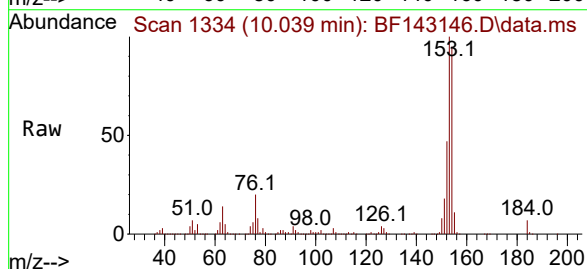
Manual Integrations
APPROVED

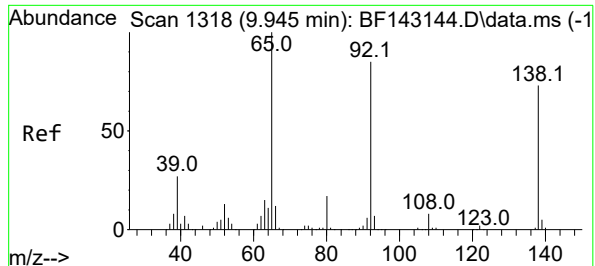
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

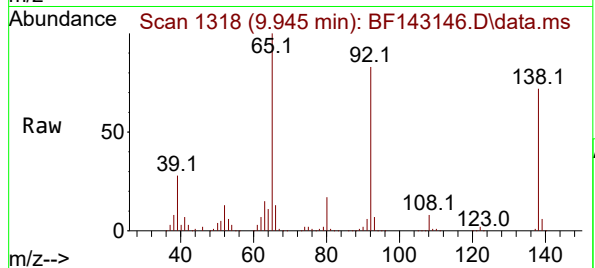
Tgt Ion:154 Resp: 930883
Ion Ratio Lower Upper
154 100
153 105.6 86.6 129.8
152 49.9 40.4 60.6





#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

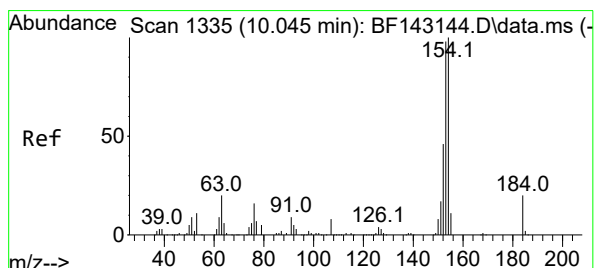
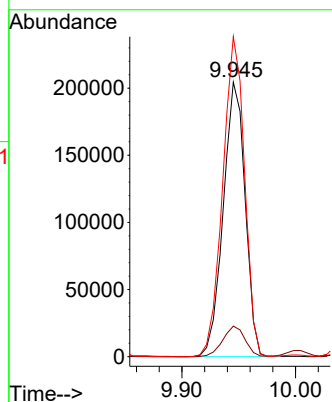
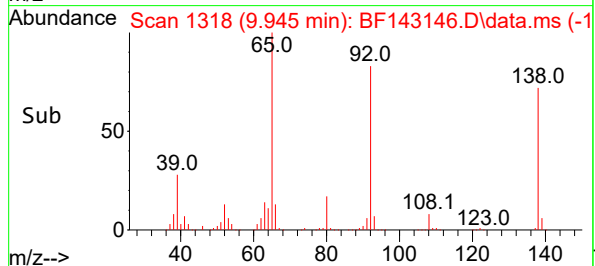
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



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

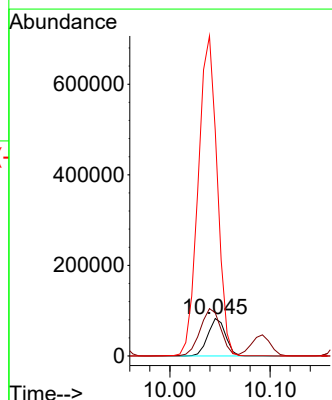
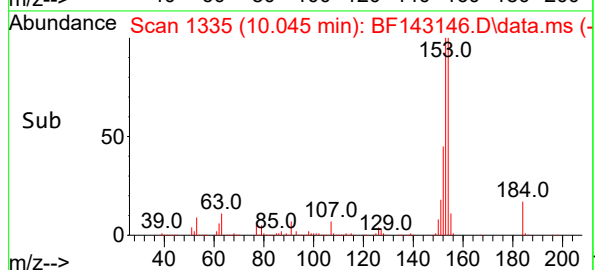
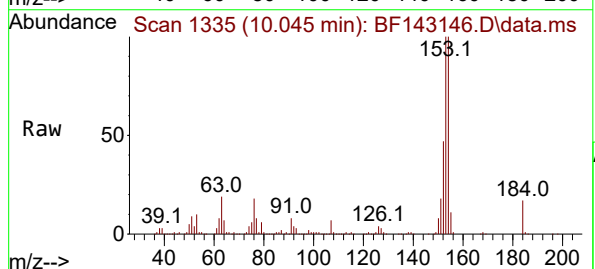
Manual Integrations
APPROVED

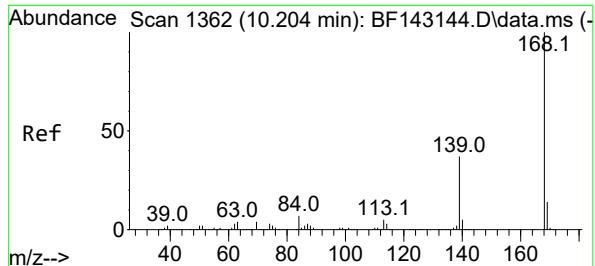
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

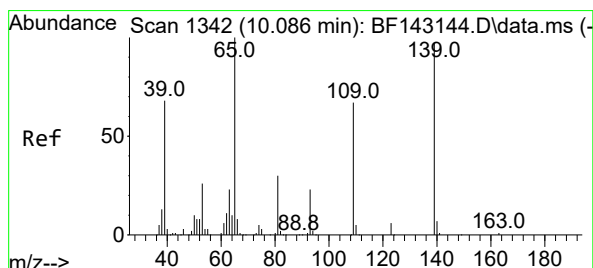
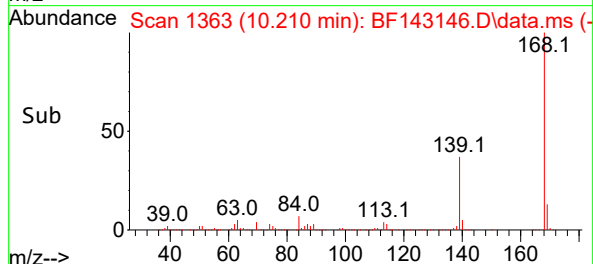
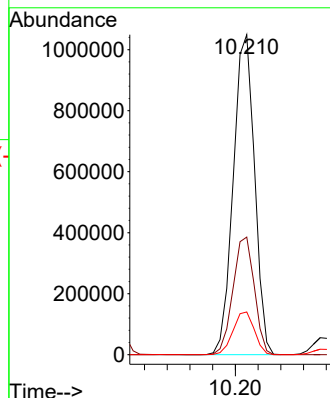
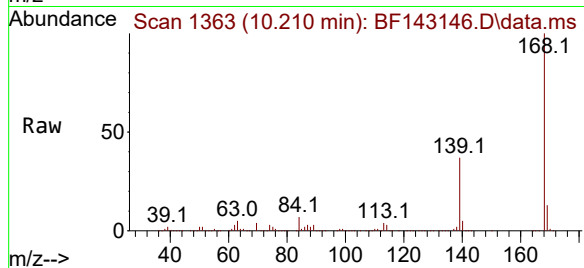
169 13.4 10.9 16.3

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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

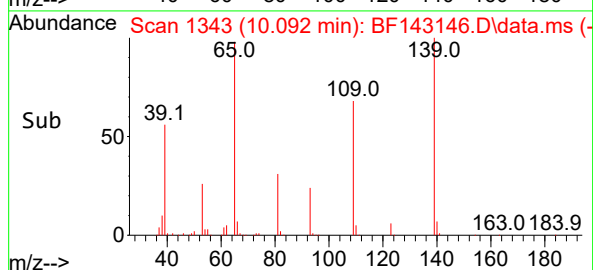
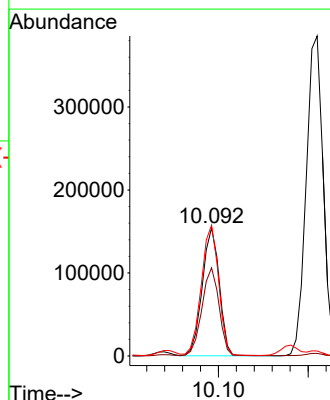
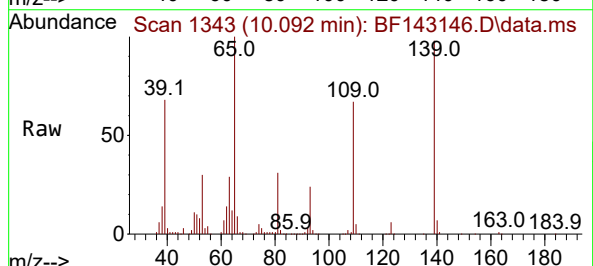
Tgt Ion:139 Resp: 203477

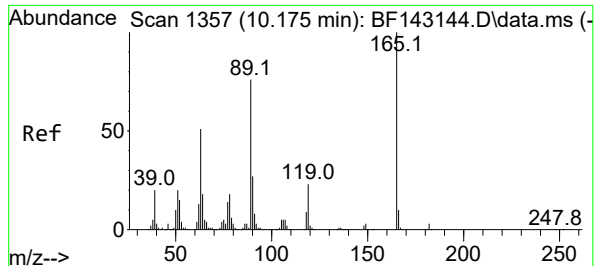
Ion Ratio Lower Upper

139 100

109 68.7 48.5 88.5

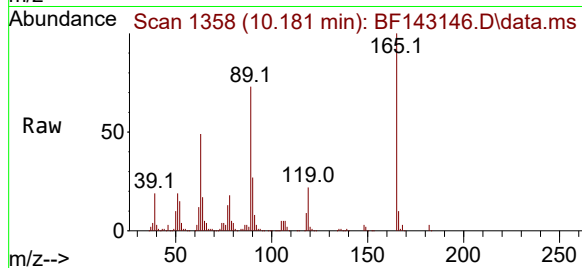
65 102.2 83.4 123.4





#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

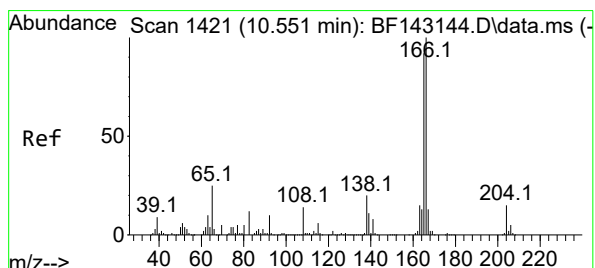
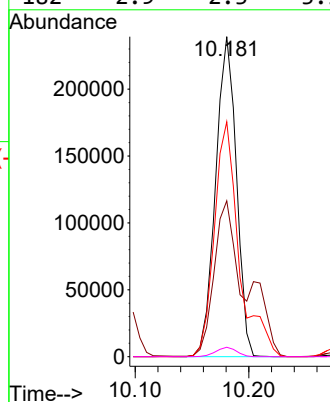
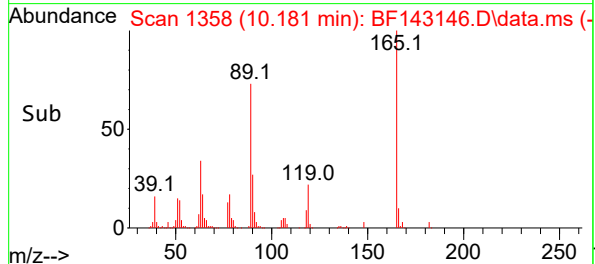
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



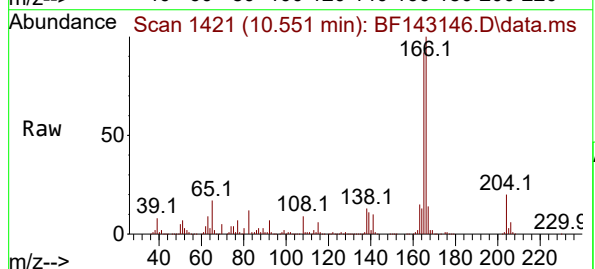
Tgt Ion:165 Resp: 304460
Ion Ratio Lower Upper
165 100
63 48.7 41.0 61.4
89 73.4 61.1 91.7
182 2.9 2.3 3.5

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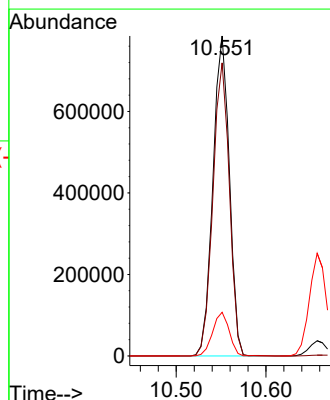
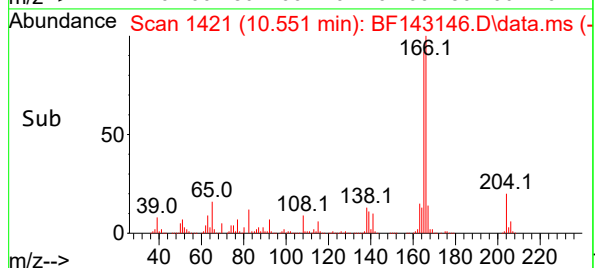
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

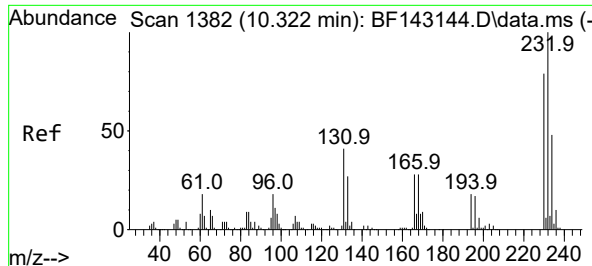


#58
Fluorene
Concen: 54.647 ng
RT: 10.551 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04



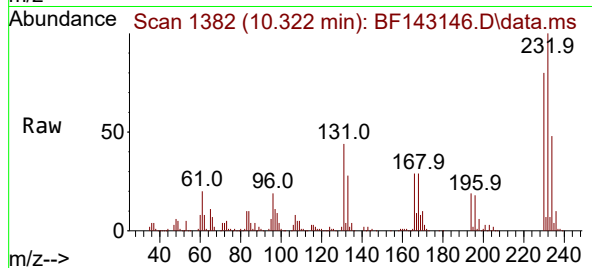
Tgt Ion:166 Resp: 997710
Ion Ratio Lower Upper
166 100
165 91.6 73.7 110.5
167 13.6 10.6 16.0





#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

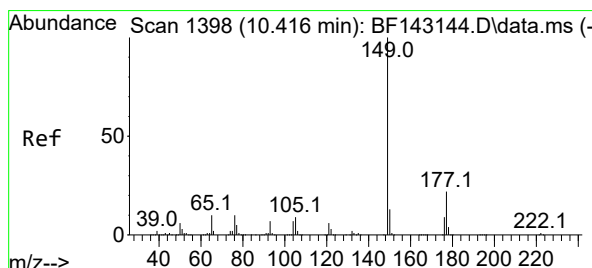
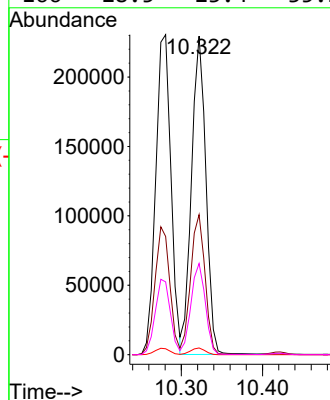
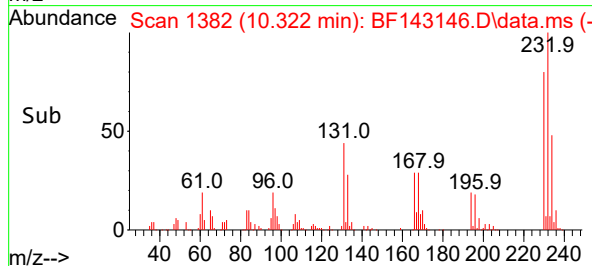
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



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

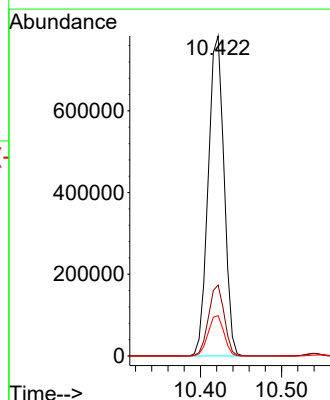
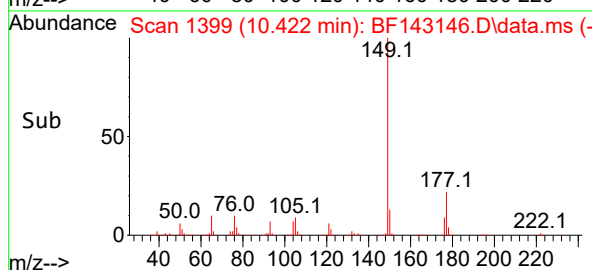
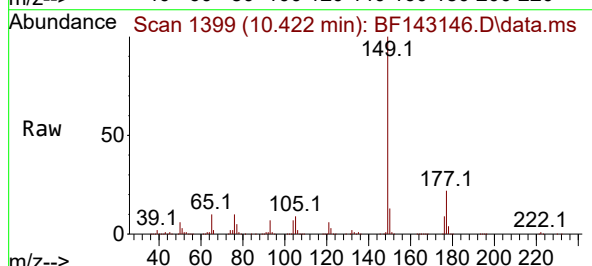
Manual Integrations
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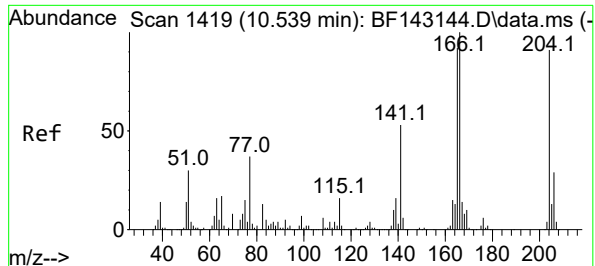
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

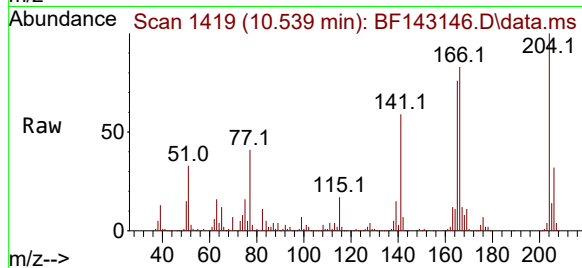
Tgt Ion:149 Resp: 1057851
Ion Ratio Lower Upper
149 100
177 22.1 17.5 26.3
150 12.6 10.2 15.2





#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

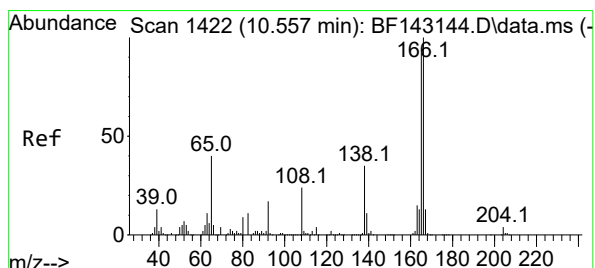
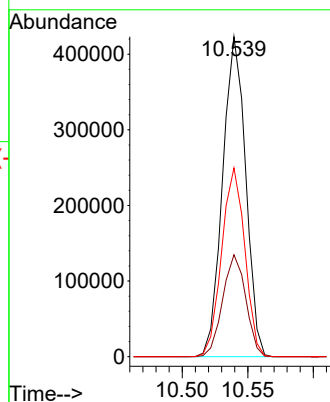
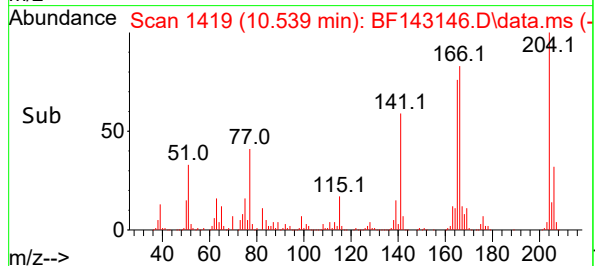
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



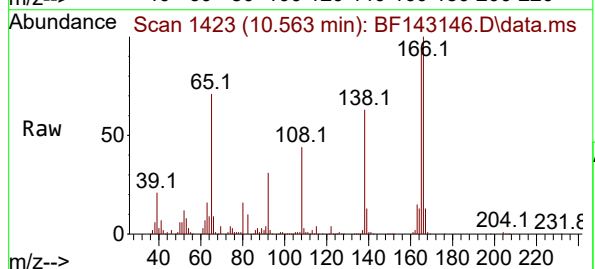
Tgt Ion:204 Resp: 516980
Ion Ratio Lower Upper
204 100
206 31.8 25.8 38.8
141 59.0 47.0 70.4

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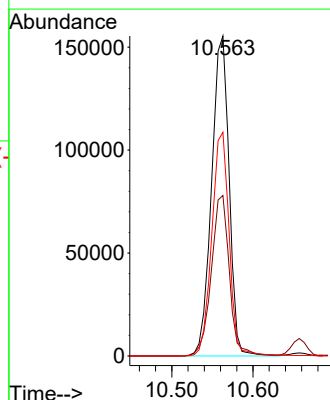
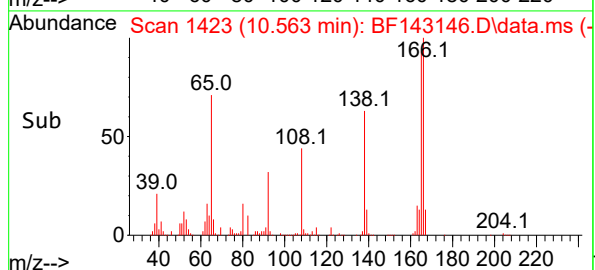
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

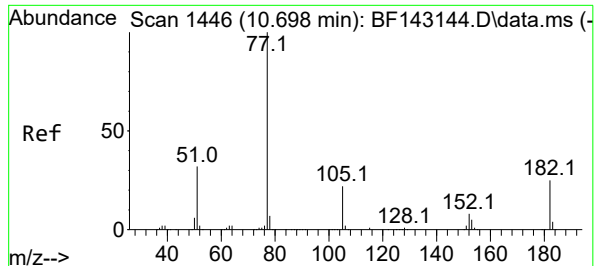


#62
4-Nitroaniline
Concen: 61.037 ng
RT: 10.563 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04



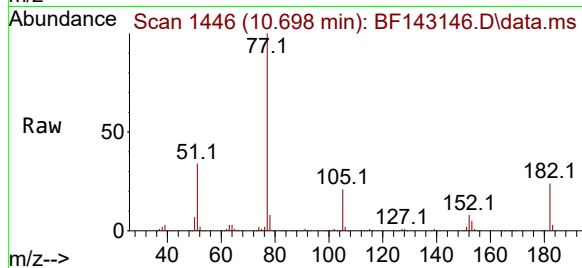
Tgt Ion:138 Resp: 232488
Ion Ratio Lower Upper
138 100
92 50.2 29.3 69.3
108 69.9 48.3 88.3





#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

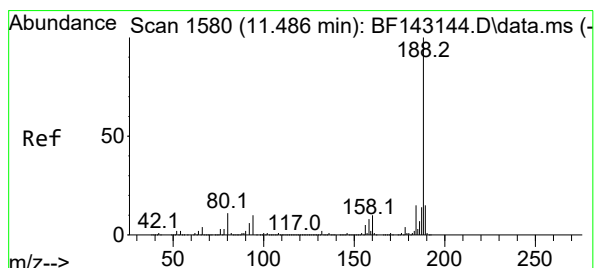
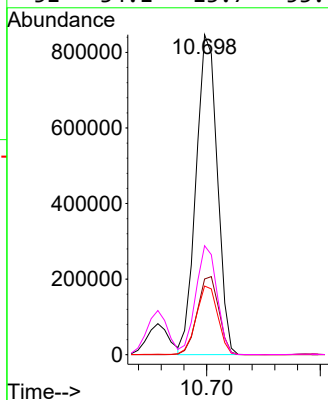
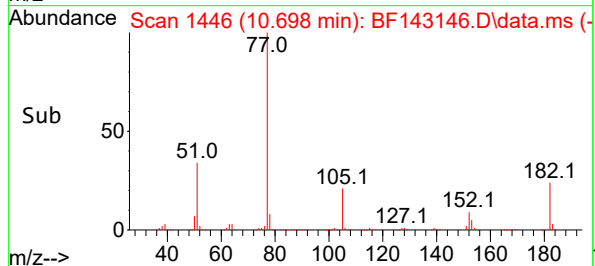
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



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

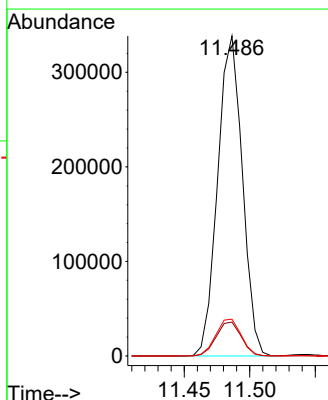
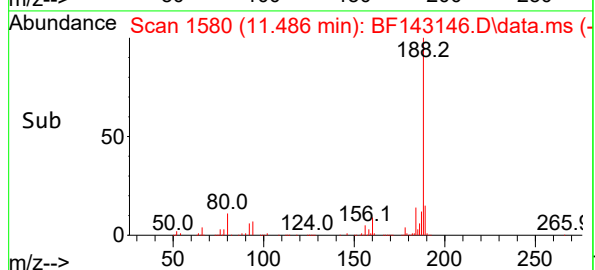
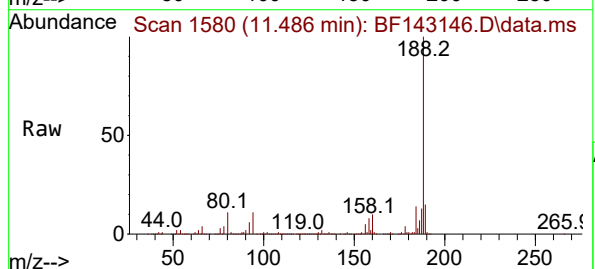
Manual Integrations
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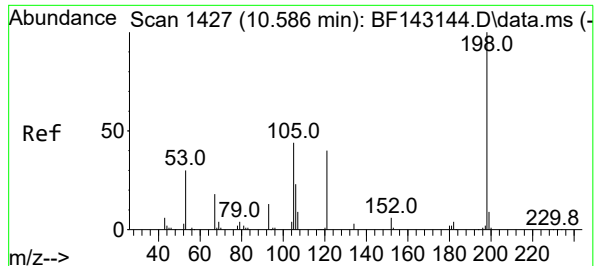
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

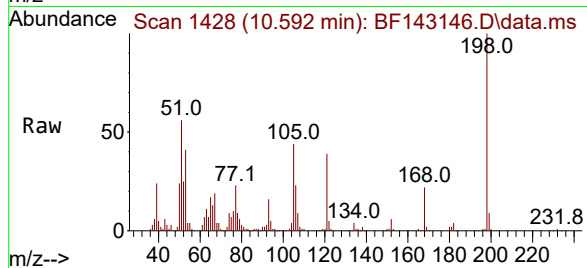
Tgt Ion:188 Resp: 442888
Ion Ratio Lower Upper
188 100
94 10.6 8.3 12.5
80 11.5 9.0 13.6





#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

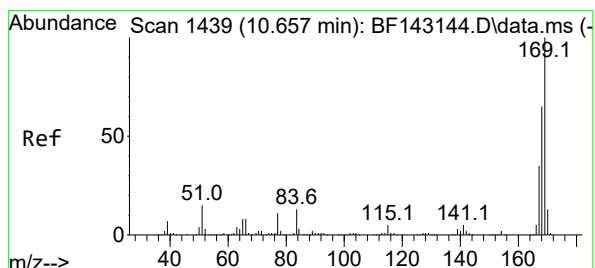
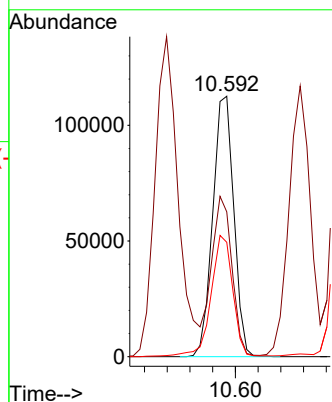
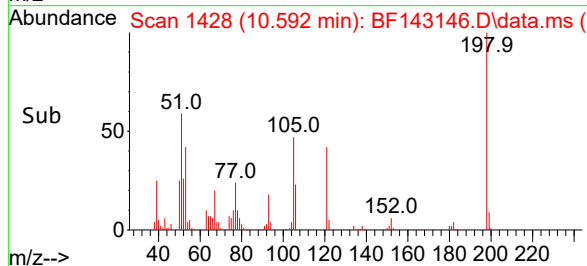
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:198 Resp: 14475
Ion Ratio Lower Upper
198 100
51 55.6 37.2 77.2
105 43.9 24.8 64.8

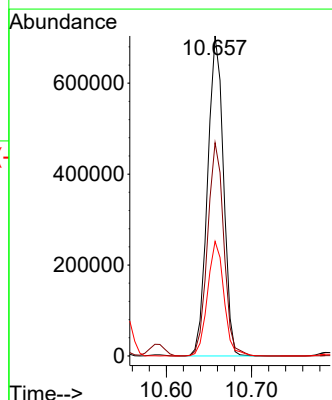
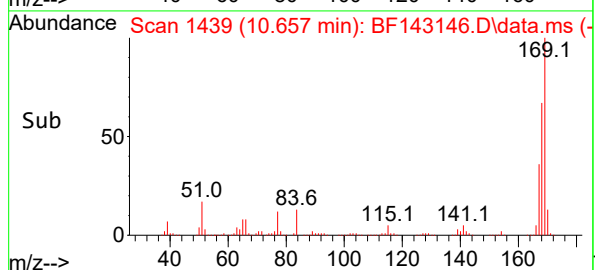
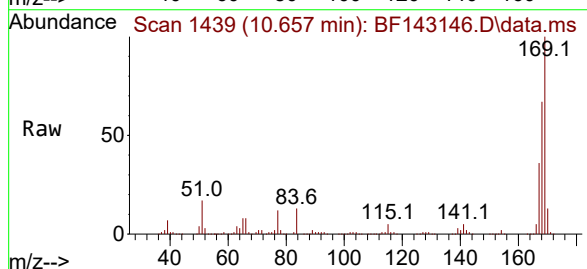
Manual Integrations
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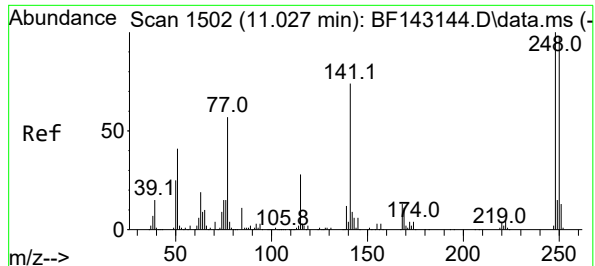
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#66
n-Nitrosodiphenylamine
Concen: 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

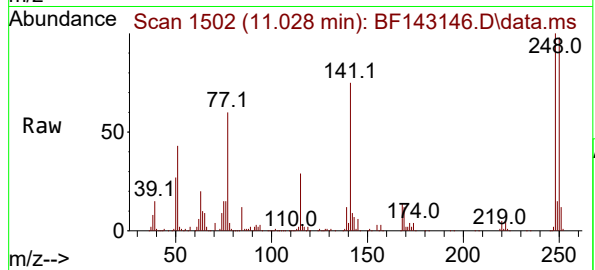
Tgt Ion:169 Resp: 910468
Ion Ratio Lower Upper
169 100
168 66.6 52.1 78.1
167 35.8 28.2 42.2





#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

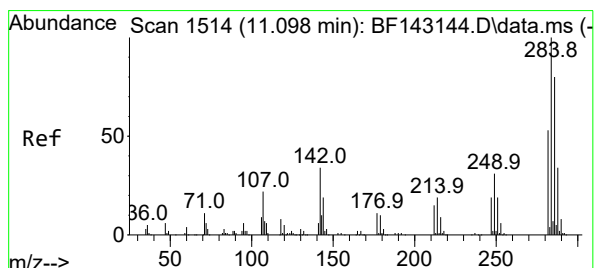
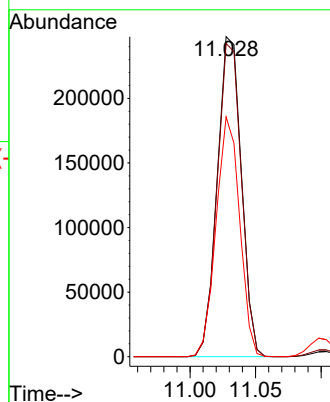
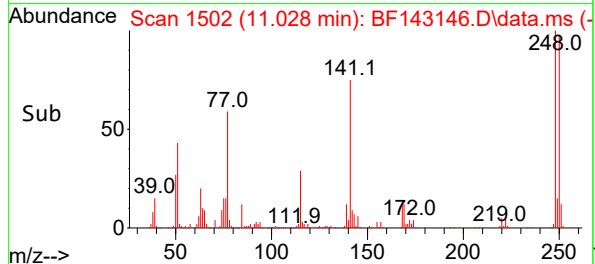
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



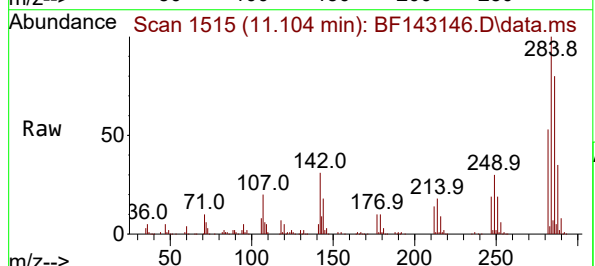
Tgt Ion:248 Resp: 318085
Ion Ratio Lower Upper
248 100
250 97.9 78.3 117.5
141 75.0 59.2 88.8

Manual Integrations
APPROVED

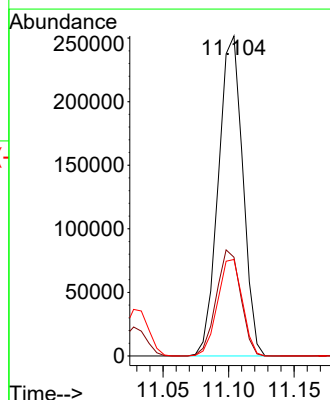
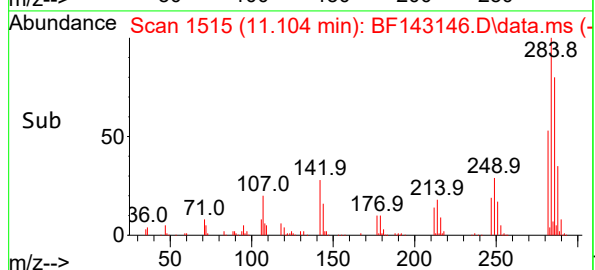
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

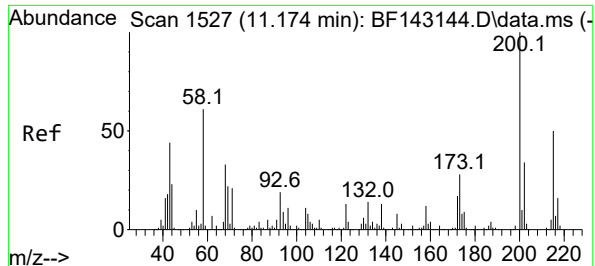


#68
Hexachlorobenzene
Concen: 59.054 ng
RT: 11.104 min Scan# 1515
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04



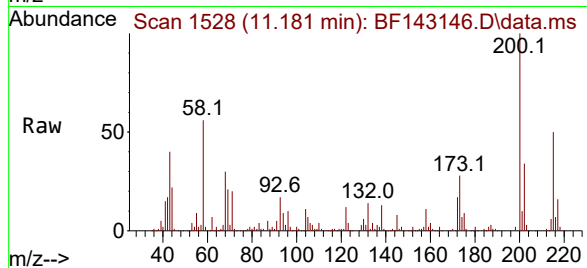
Tgt Ion:284 Resp: 325779
Ion Ratio Lower Upper
284 100
142 30.9 27.0 40.6
249 30.1 25.0 37.6





#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

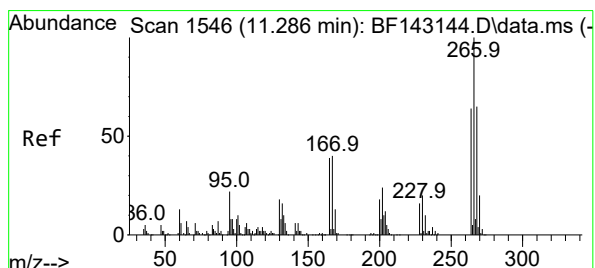
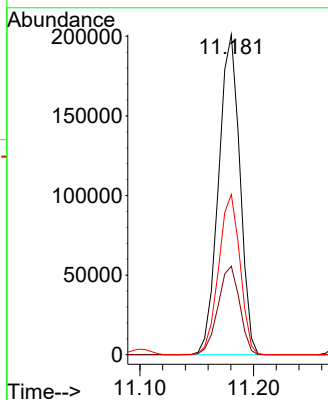
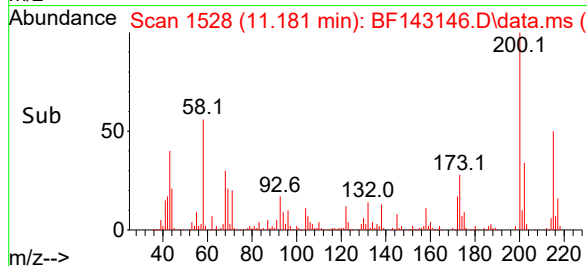
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



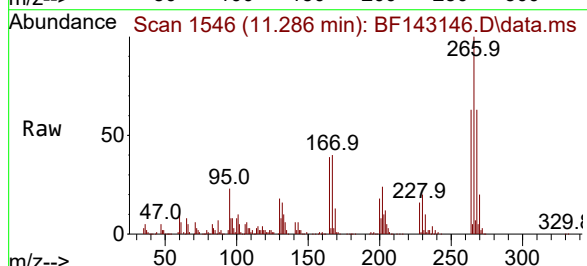
Tgt Ion:200 Resp: 262374
Ion Ratio Lower Upper
200 100
173 27.6 7.9 47.9
215 50.1 30.1 70.1

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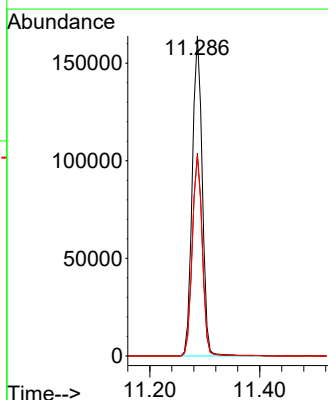
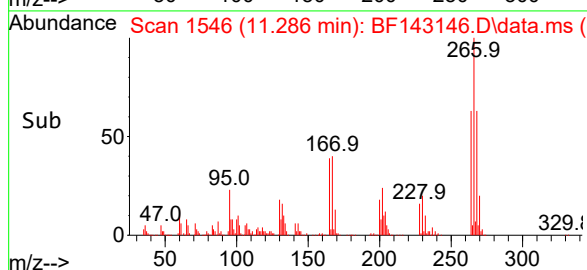
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

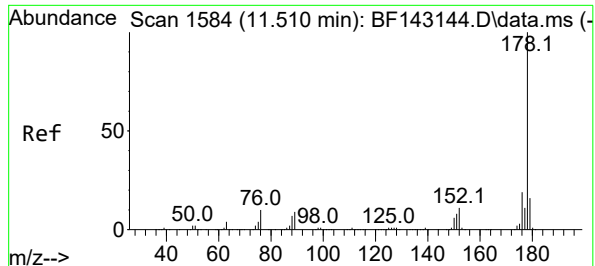


#70
Pentachlorophenol
Concen: 63.625 ng
RT: 11.286 min Scan# 1546
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04



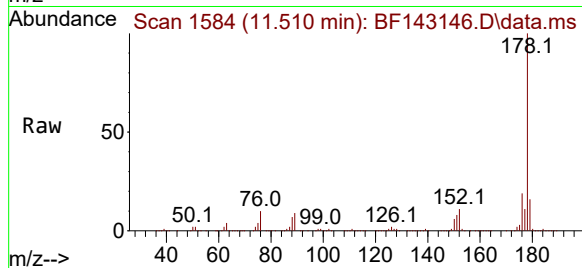
Tgt Ion:266 Resp: 206417
Ion Ratio Lower Upper
266 100
268 63.3 51.9 77.9
264 62.5 51.0 76.6





#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

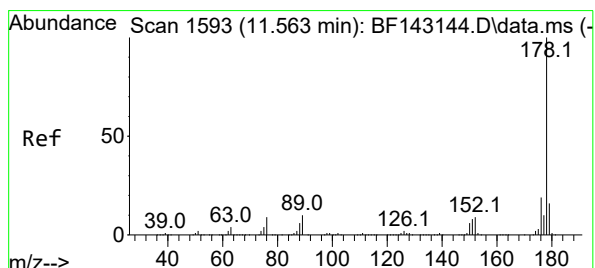
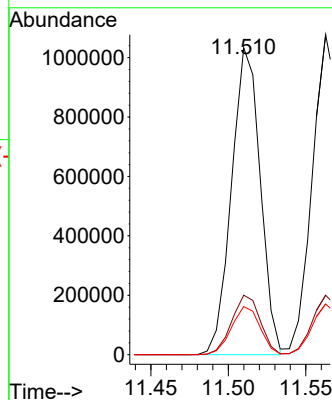
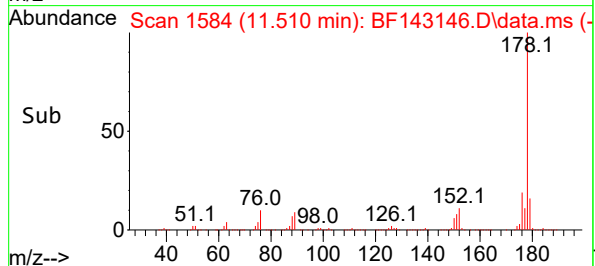
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



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

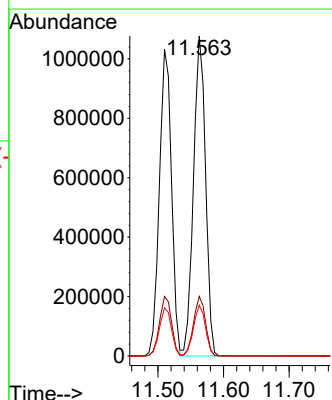
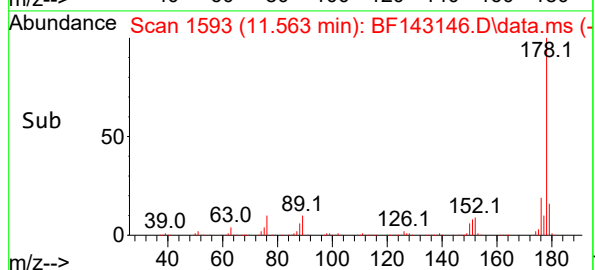
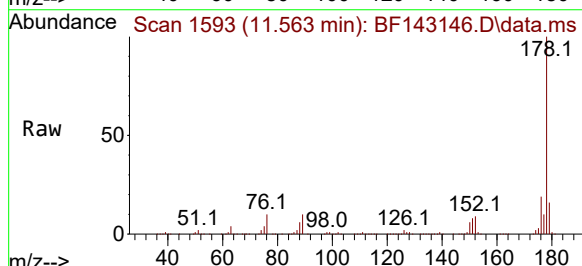
Manual Integrations
APPROVED

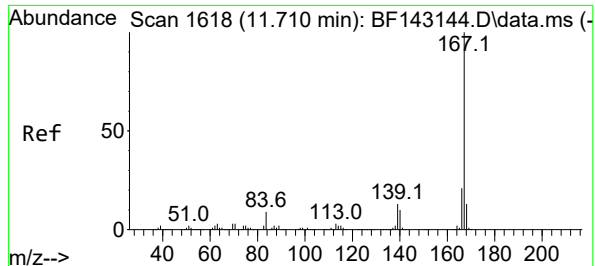
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

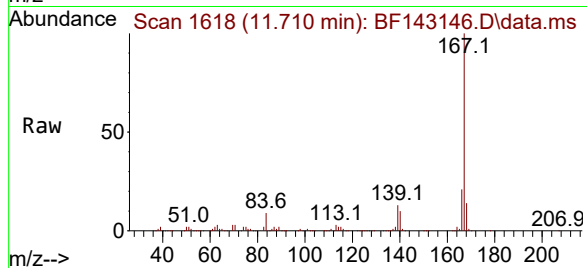
Tgt Ion:178 Resp: 1379601
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.4
179 15.8 12.5 18.7





#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

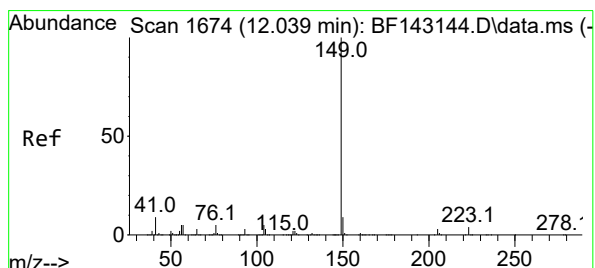
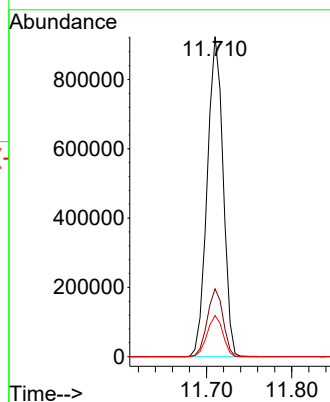
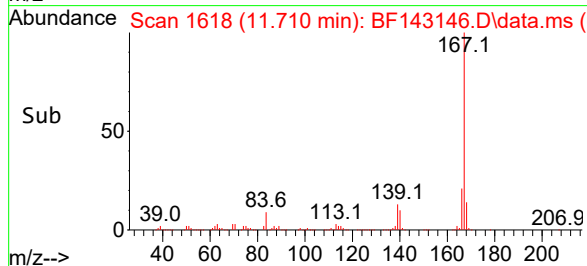
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



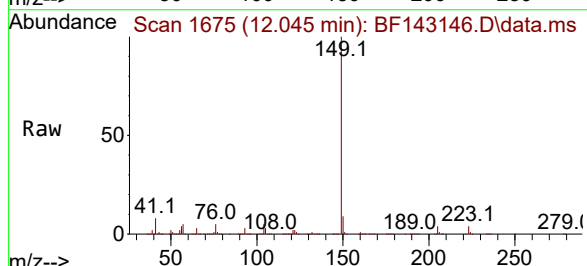
Tgt Ion:167 Resp: 1194020
Ion Ratio Lower Upper
167 100
166 21.2 17.0 25.6
139 12.9 10.0 15.0

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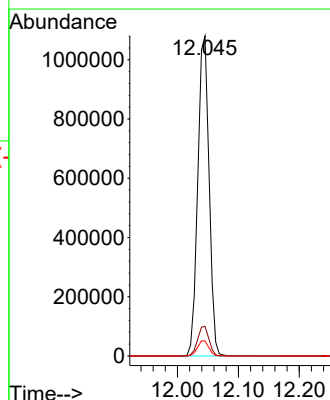
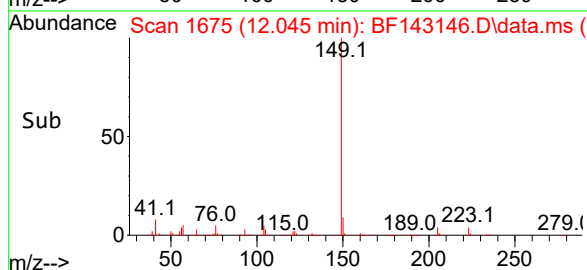
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

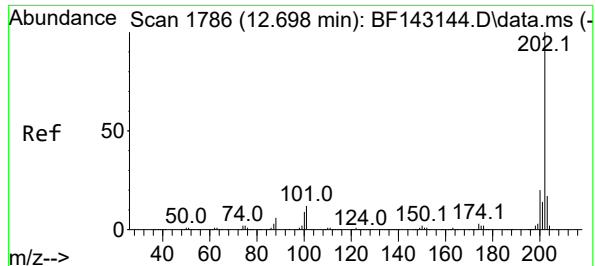


#74
Di-n-butylphthalate
Concen: 58.757 ng
RT: 12.045 min Scan# 1675
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04



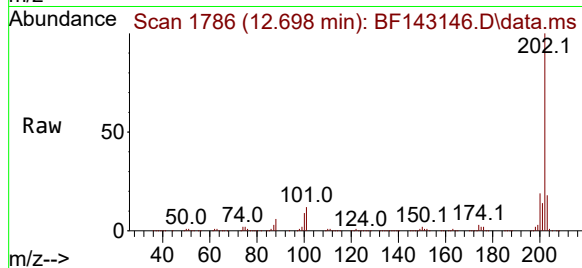
Tgt Ion:149 Resp: 1392335
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.2
104 4.7 3.8 5.8





#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

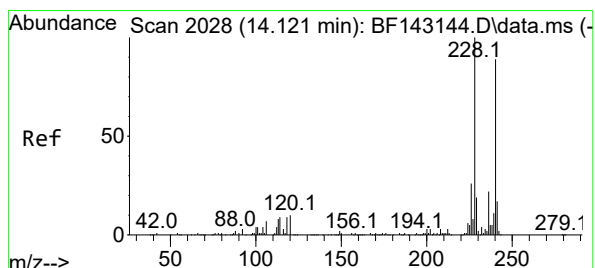
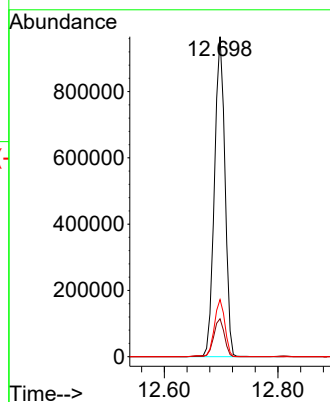
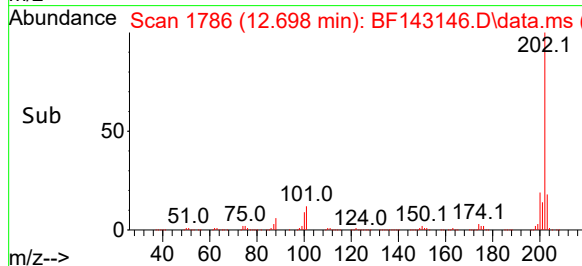
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:202 Resp: 123295
Ion Ratio Lower Upper
202 100
101 11.8 0.0 31.7
203 17.8 0.0 37.4

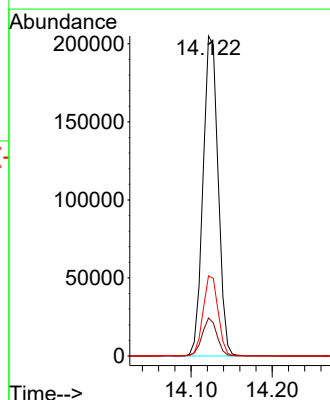
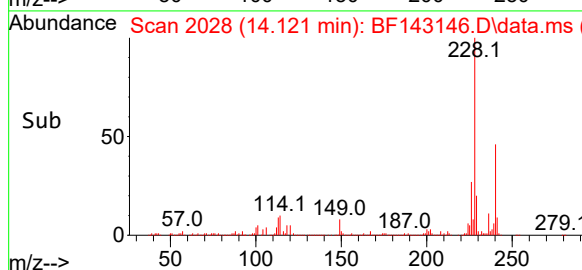
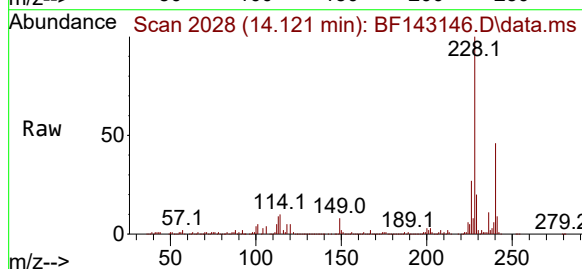
Manual Integrations
APPROVED

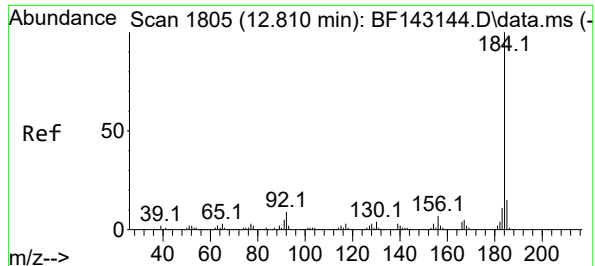
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

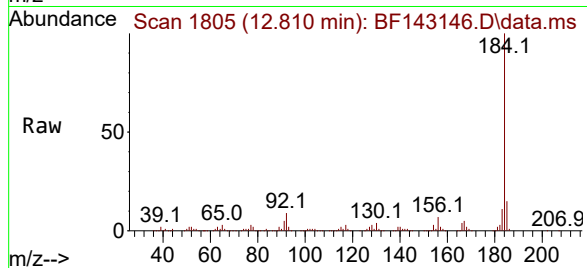
Tgt Ion:240 Resp: 264384
Ion Ratio Lower Upper
240 100
120 11.9 9.4 14.2
236 25.1 20.2 30.4





#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

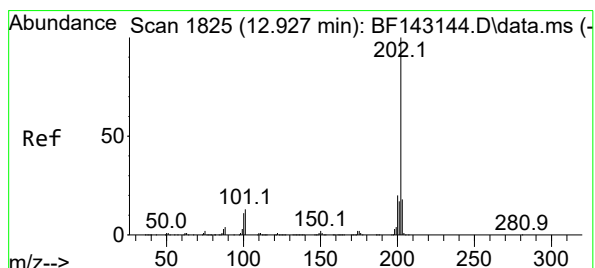
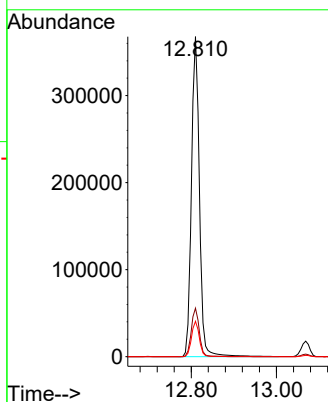
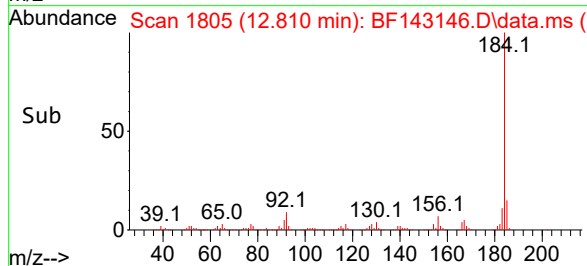
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



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

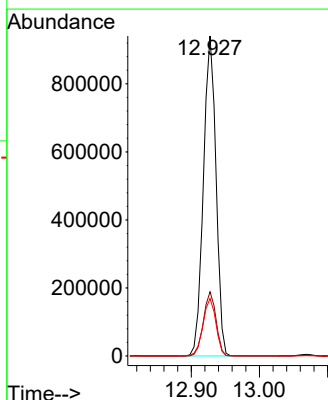
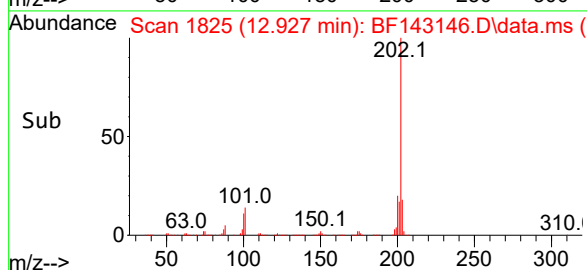
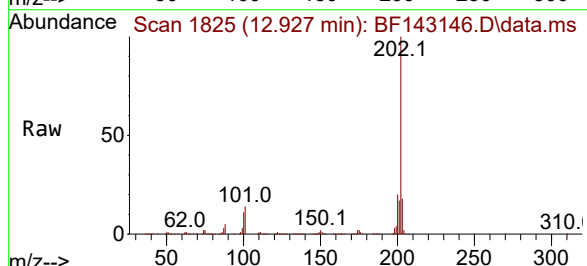
Manual Integrations
APPROVED

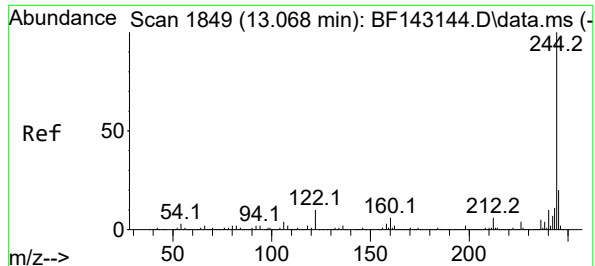
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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: 188854

Ion Ratio Lower Upper

244 100

212 6.5 5.2 7.8

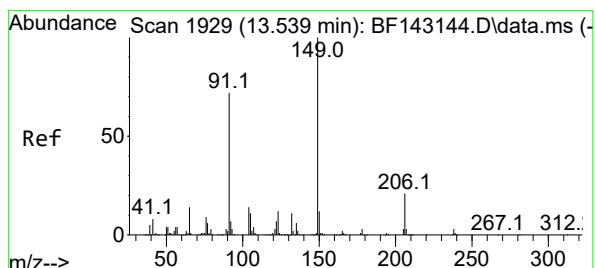
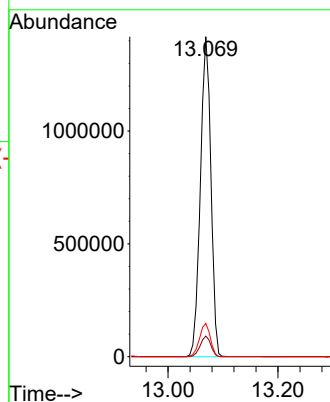
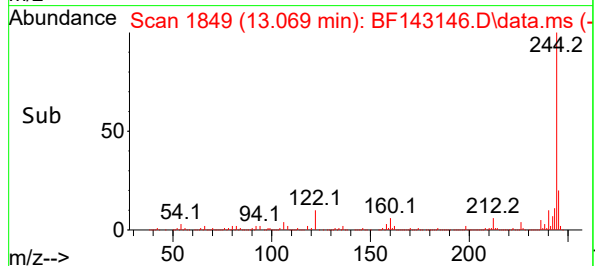
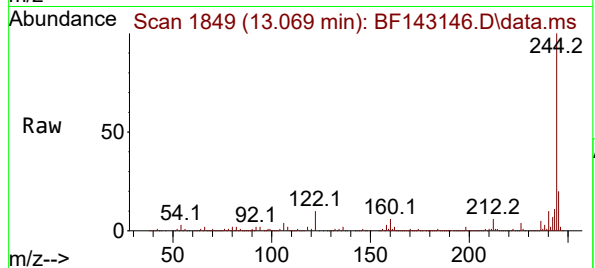
122 10.4 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#80

Butylbenzylphthalate

Concen: 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

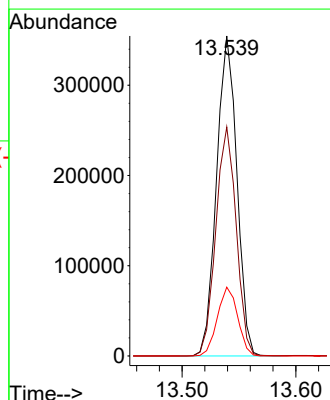
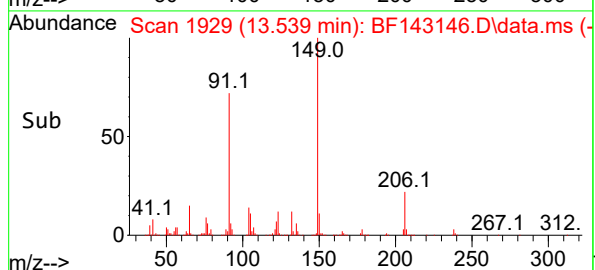
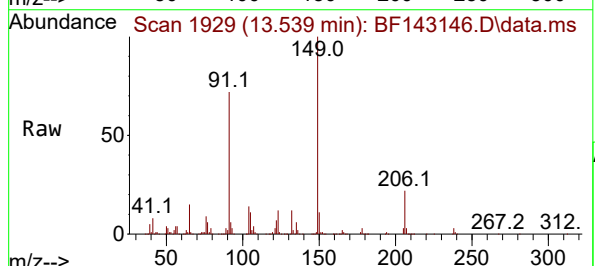
Tgt Ion:149 Resp: 441334

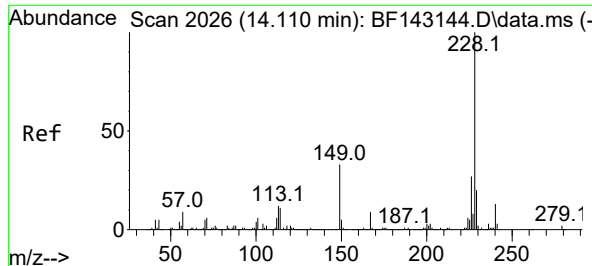
Ion Ratio Lower Upper

149 100

91 71.6 57.9 86.9

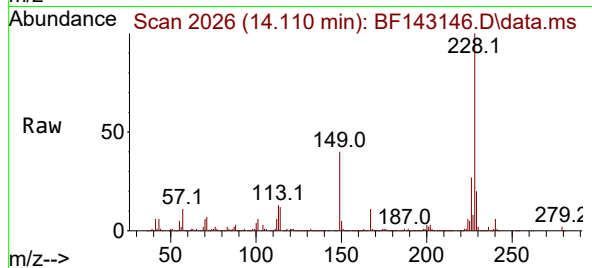
206 21.5 17.0 25.4





#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

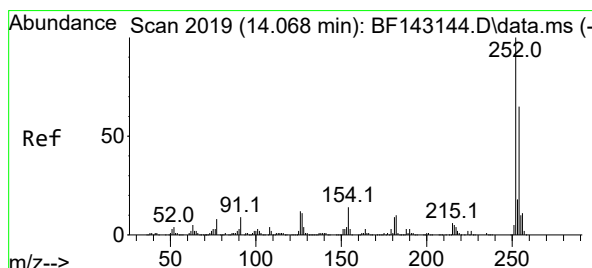
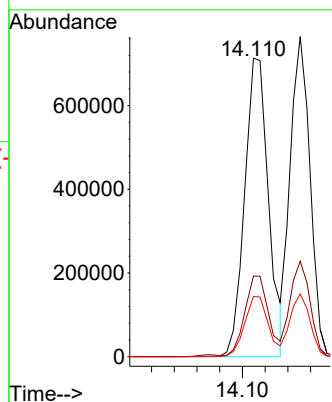
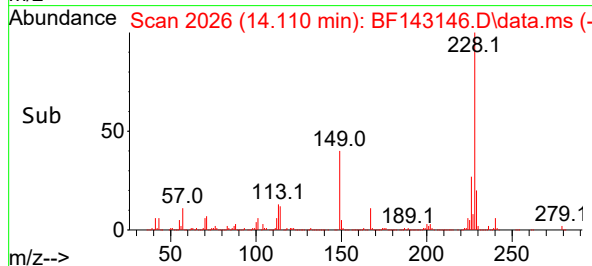
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



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

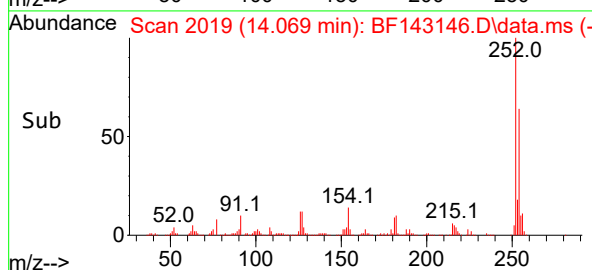
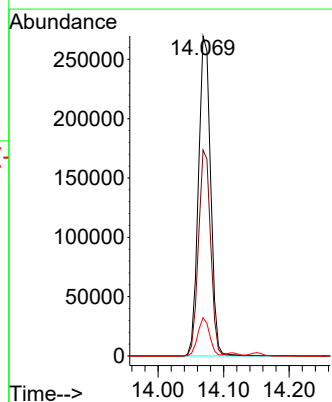
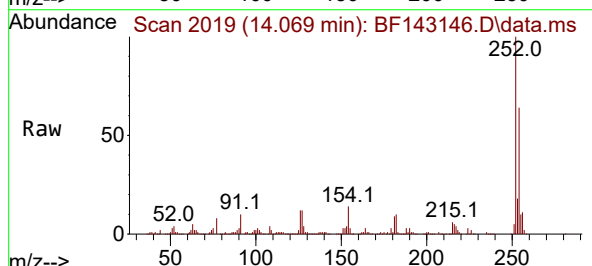
Manual Integrations
APPROVED

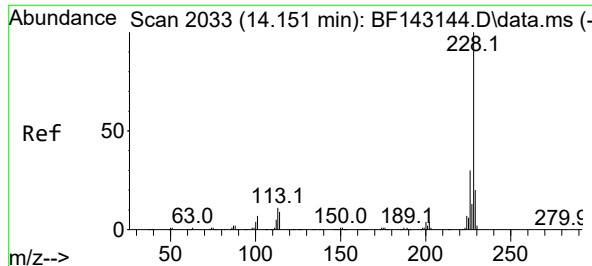
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

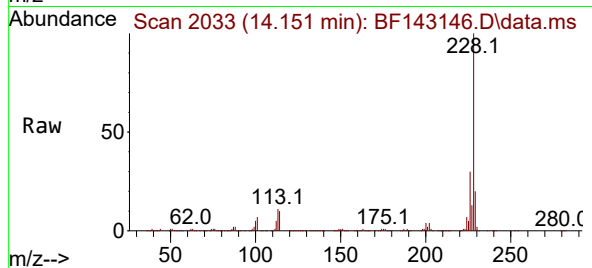
Tgt Ion:252 Resp: 348979
Ion Ratio Lower Upper
252 100
254 64.4 51.7 77.5
126 12.0 9.4 14.0





#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

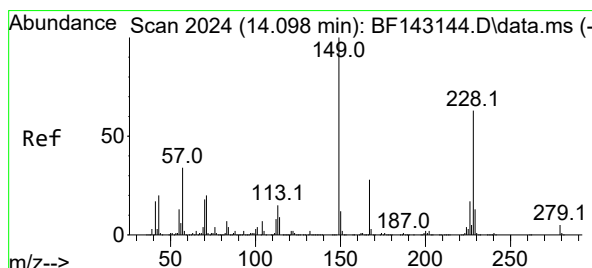
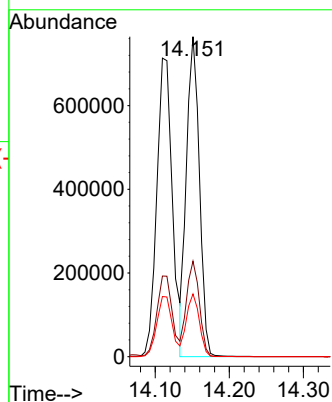
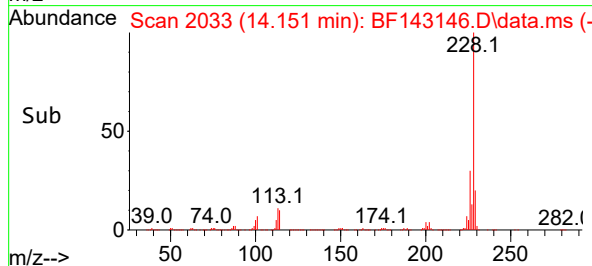
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



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

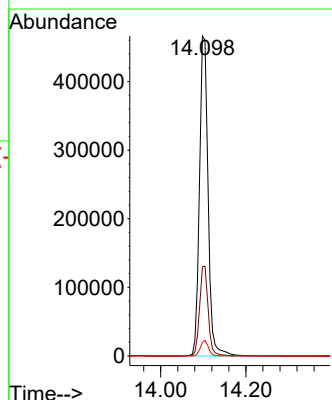
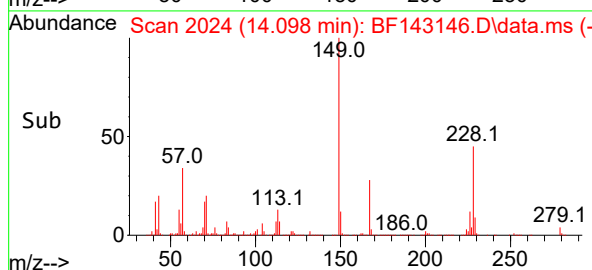
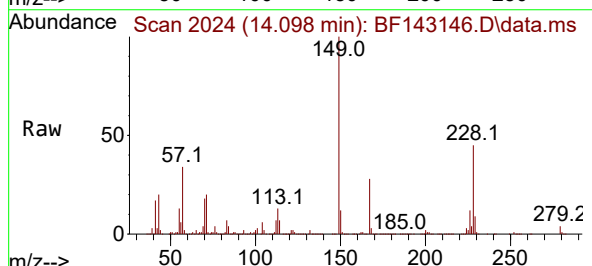
Manual Integrations
APPROVED

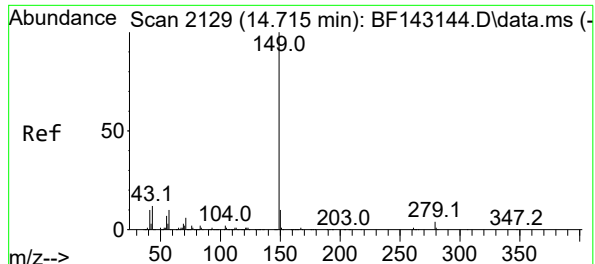
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

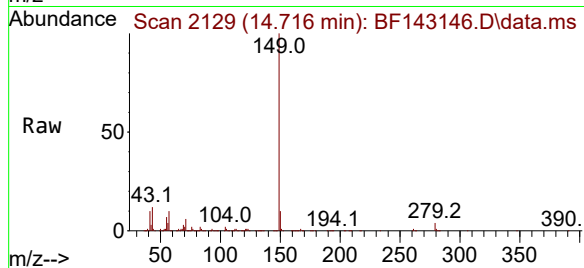
Tgt Ion:149 Resp: 655482
Ion Ratio Lower Upper
149 100
167 27.9 22.3 33.5
279 4.3 3.6 5.4





#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

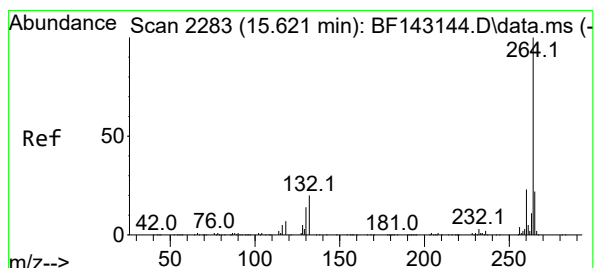
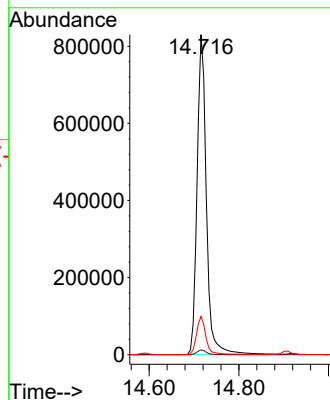
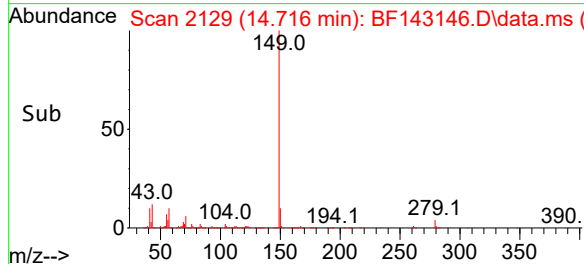
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



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

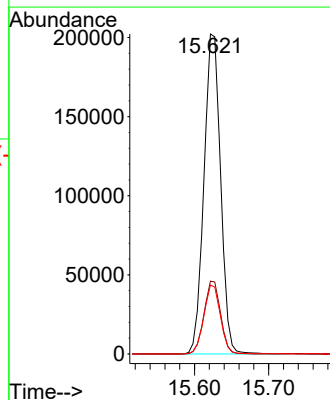
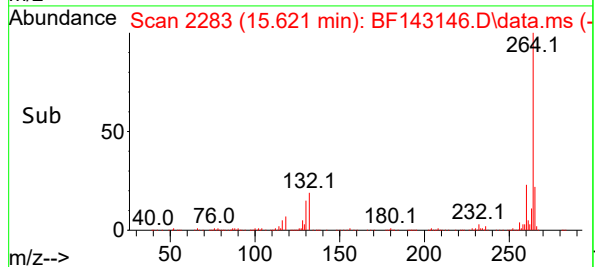
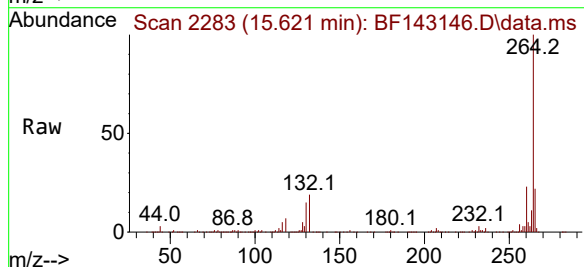
Manual Integrations
APPROVED

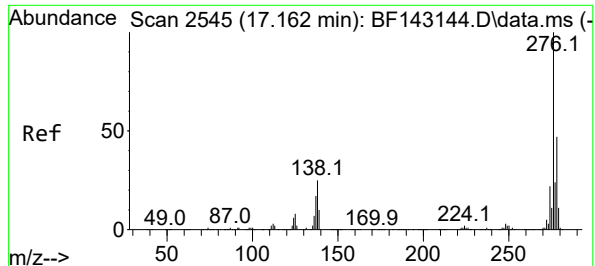
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2283
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

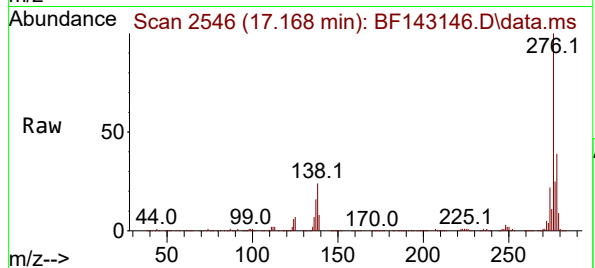
Tgt Ion:264 Resp: 315904
Ion Ratio Lower Upper
264 100
260 22.7 18.5 27.7
265 21.5 17.4 26.2





#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

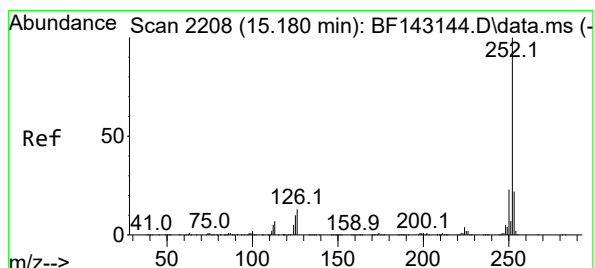
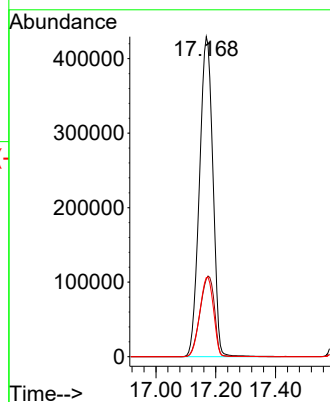
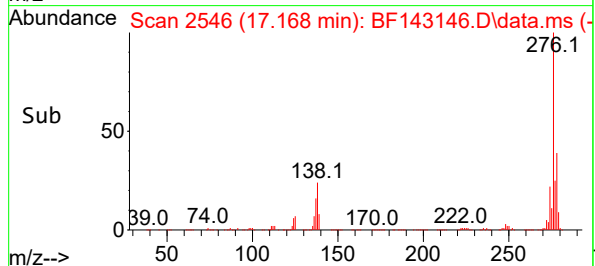
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



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

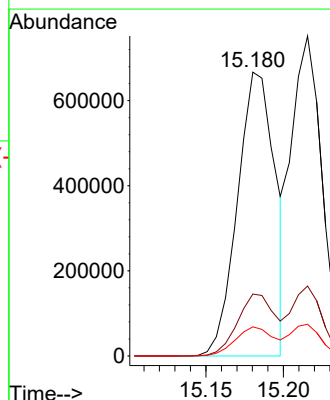
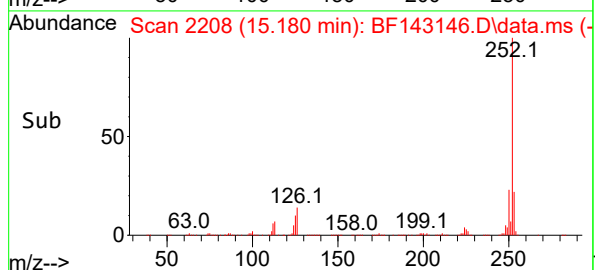
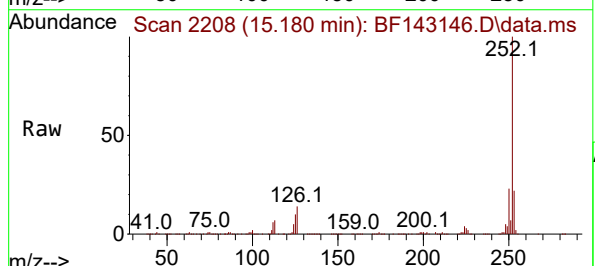
Manual Integrations
APPROVED

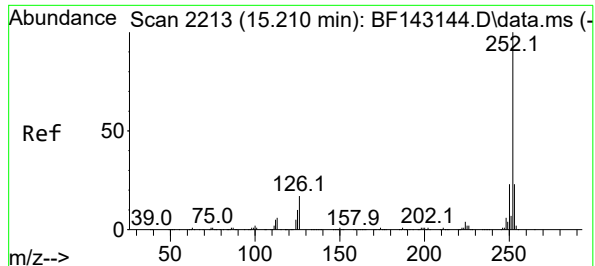
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

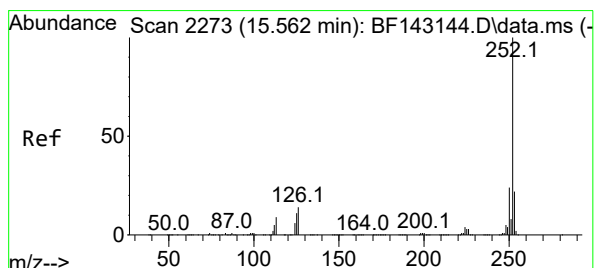
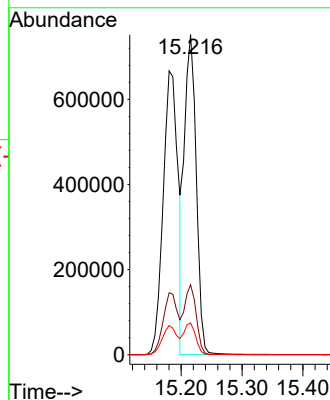
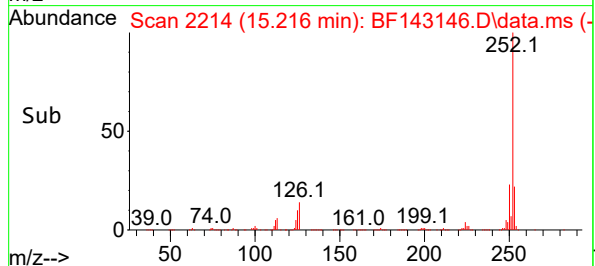
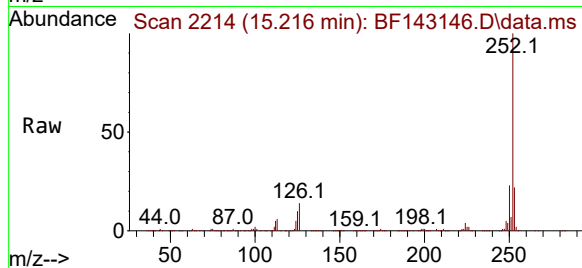
125 9.9 8.1 12.1

Manual Integrations

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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

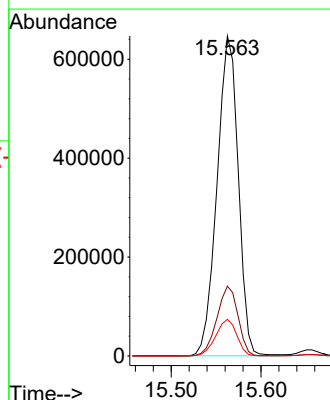
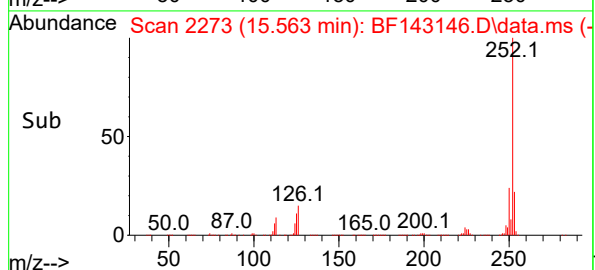
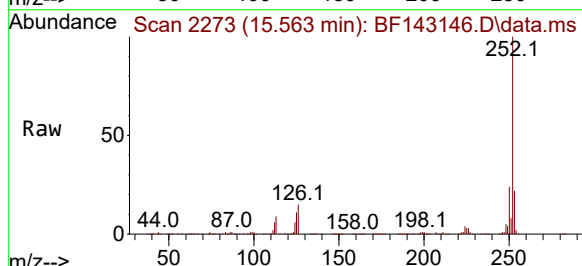
Tgt Ion:252 Resp: 1062049

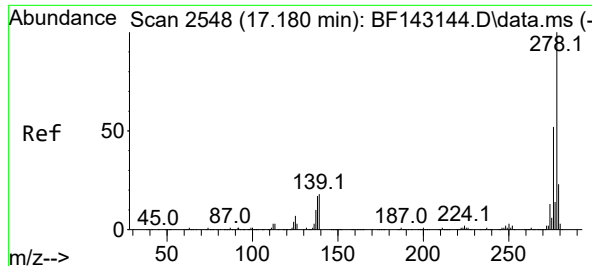
Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

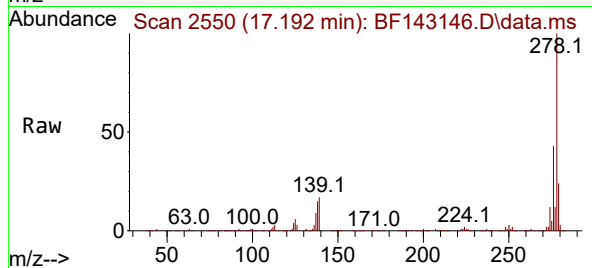
125 11.5 8.6 13.0





#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

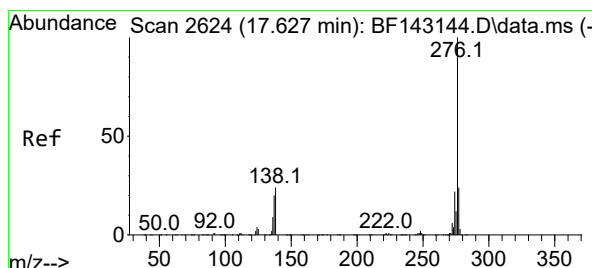
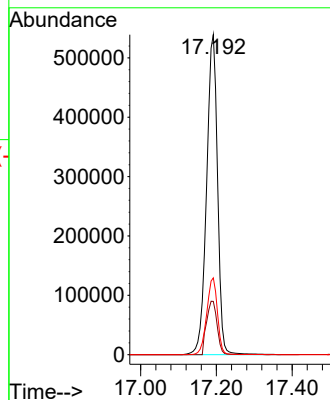
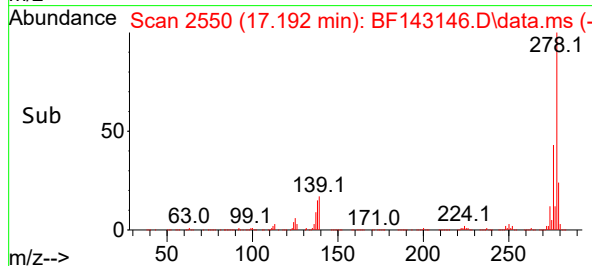
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



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

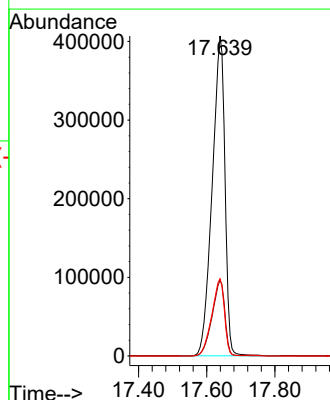
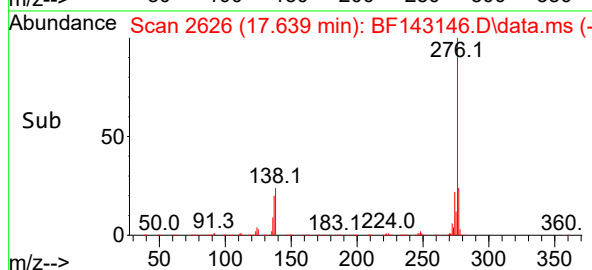
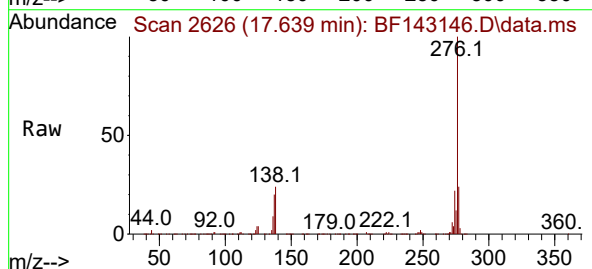
Manual Integrations
APPROVED

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

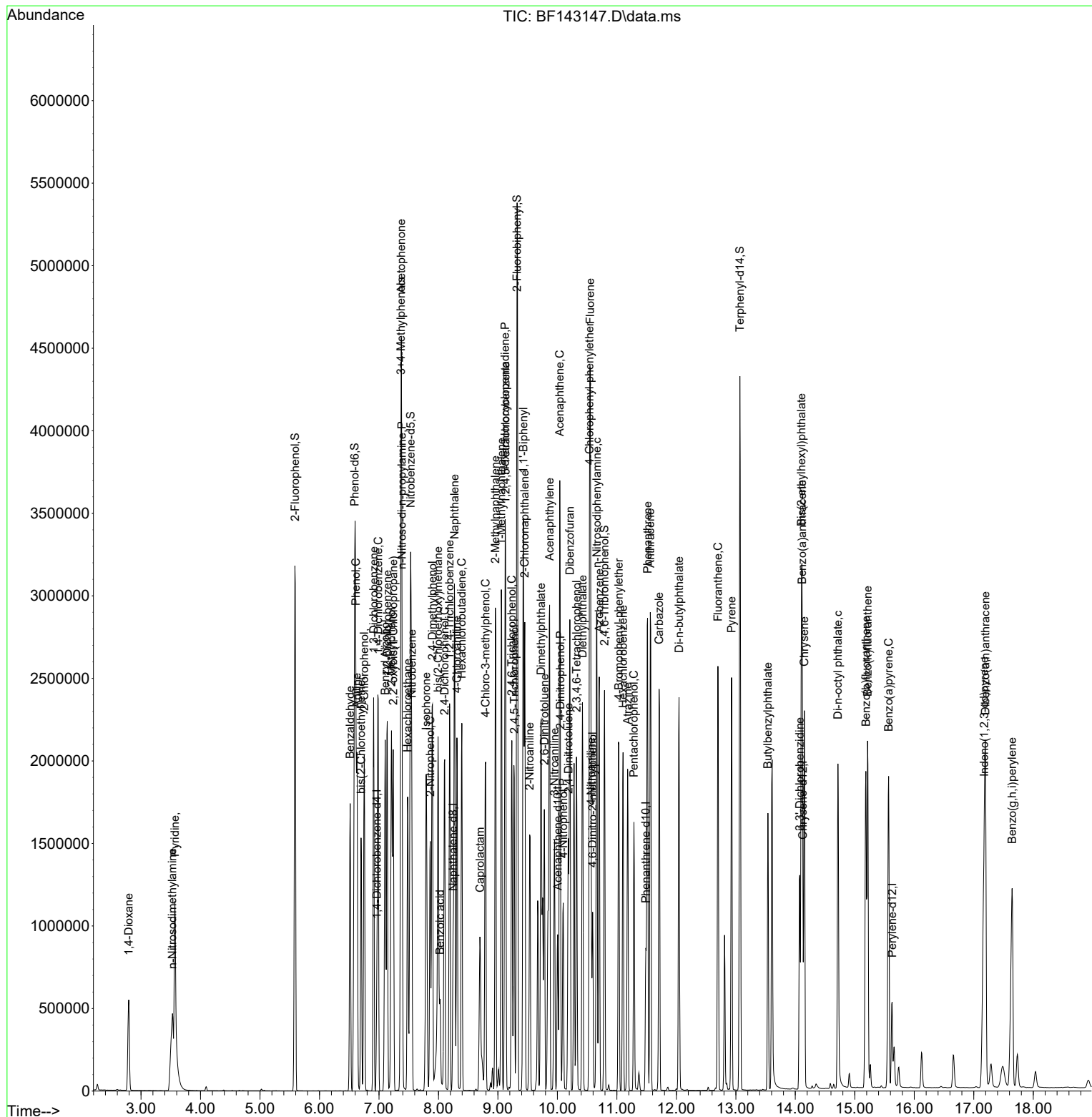
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	423565	76.888	ng	99
46) 1,1'-Biphenyl	9.428	154	1492094	69.388	ng	100
47) 2-Chloronaphthalene	9.451	162	1131626	71.122	ng	100
48) 2-Nitroaniline	9.534	65	404023	80.971	ng	96
49) Acenaphthylene	9.869	152	1868062	70.057	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

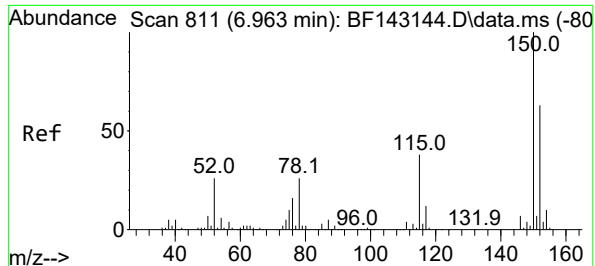
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations

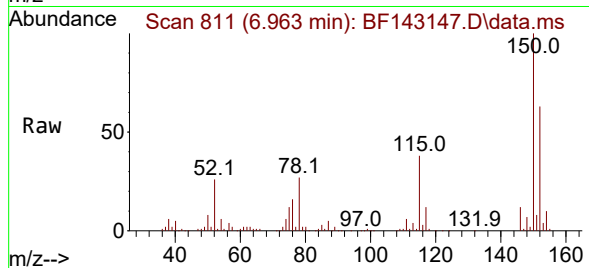
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jaagrut Upadhyay 07/18/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

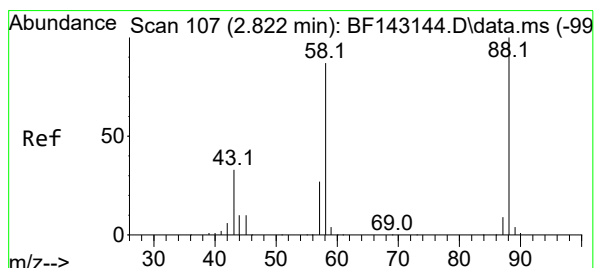
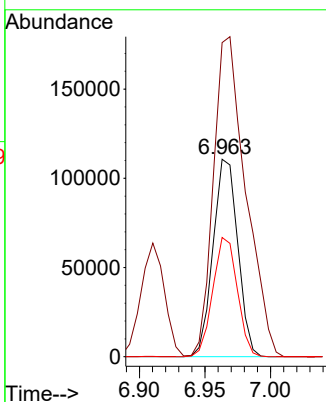
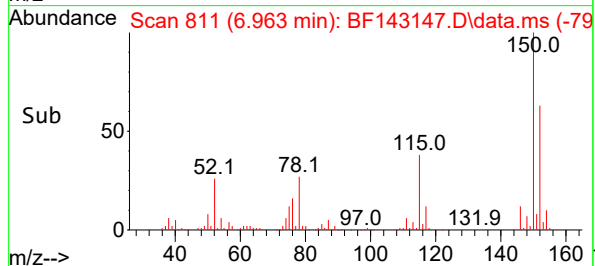
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



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

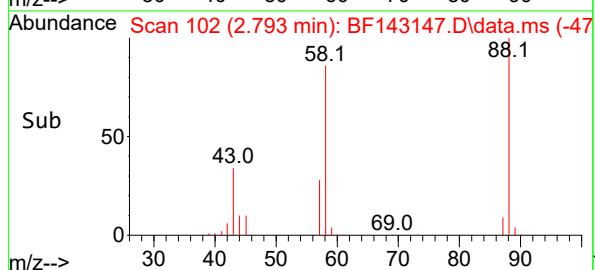
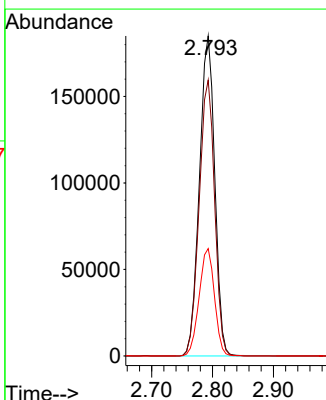
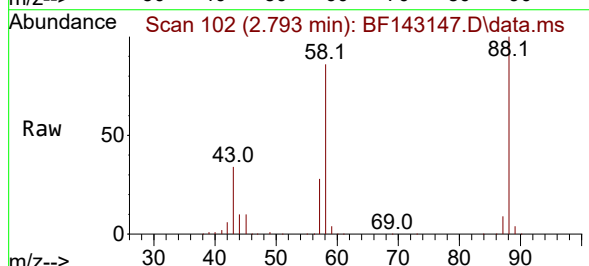
Manual Integrations
APPROVED

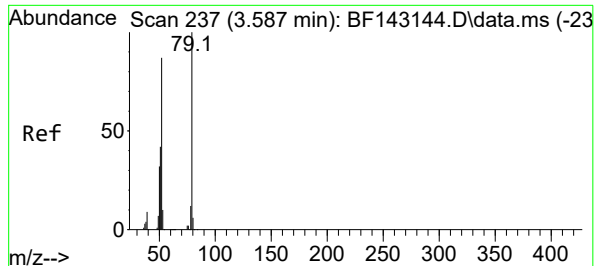
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

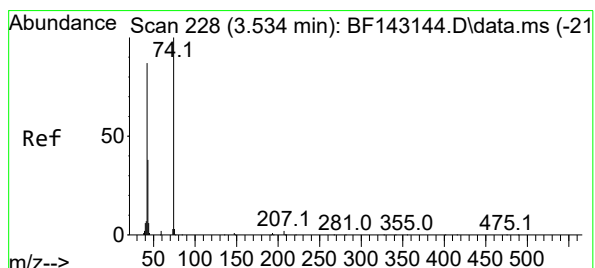
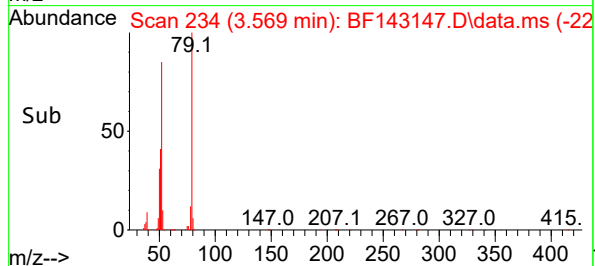
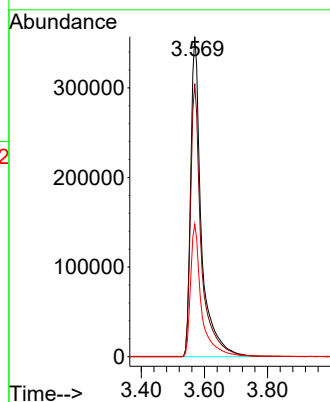
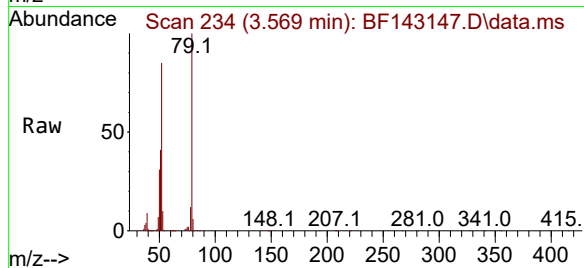
51 41.4 33.5 50.3

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

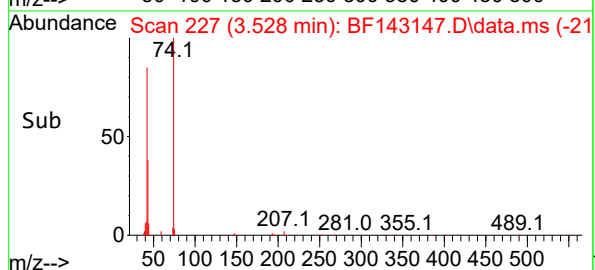
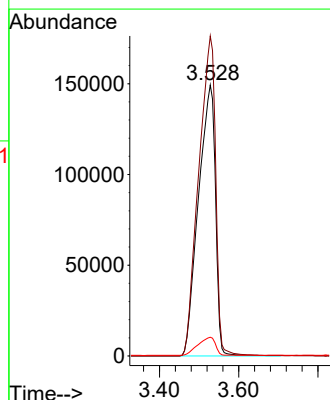
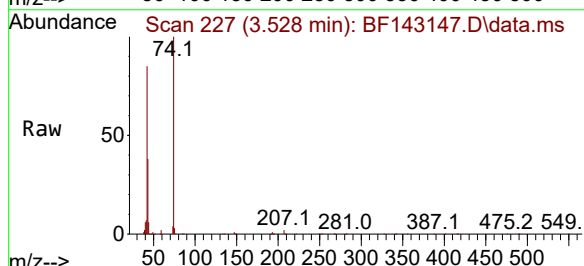
Tgt Ion: 42 Resp: 445612

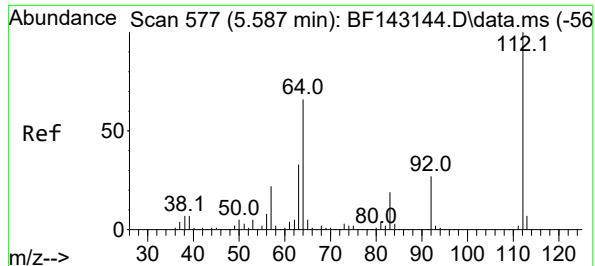
Ion Ratio Lower Upper

42 100

74 118.0 91.7 137.5

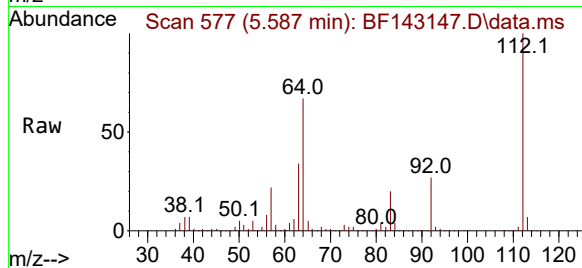
44 6.9 5.6 8.4





#5
2-Fluorophenol
Concen: 141.880 ng
RT: 5.587 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

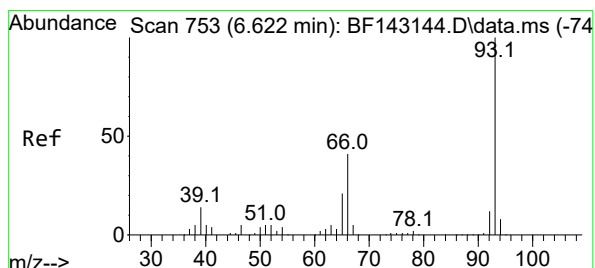
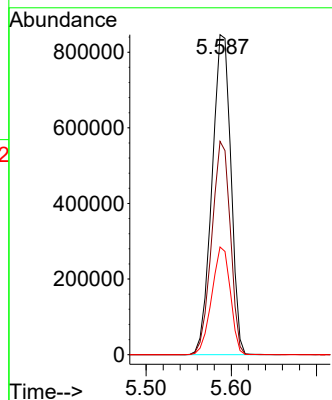
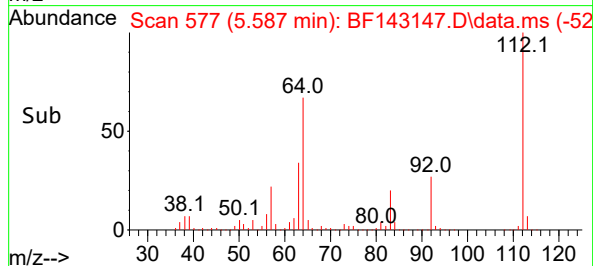
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



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

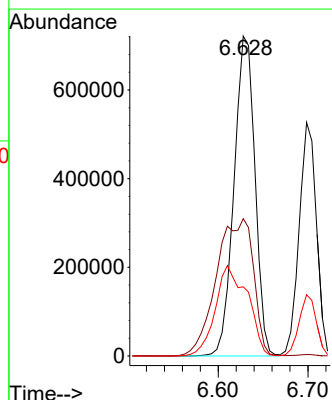
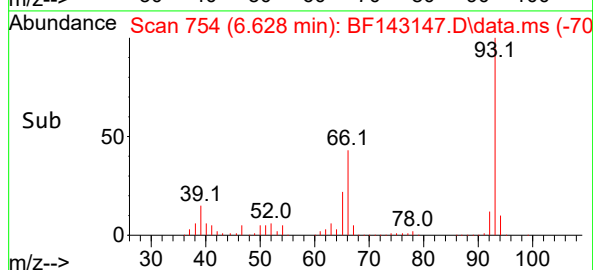
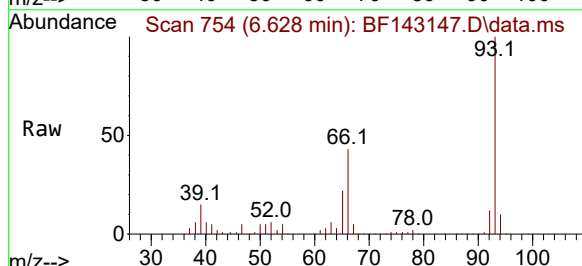
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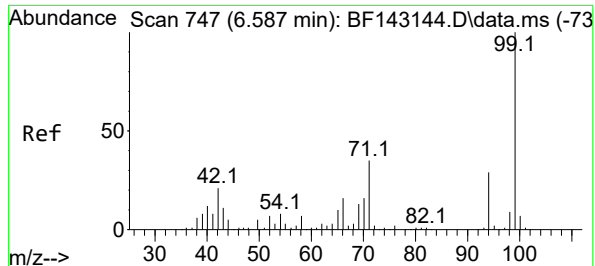
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

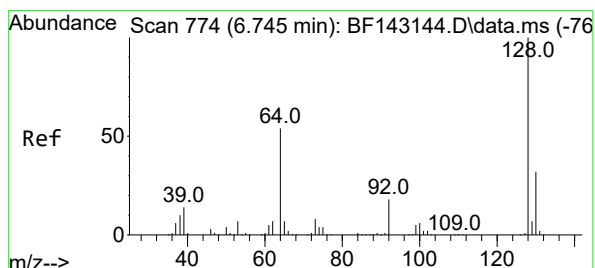
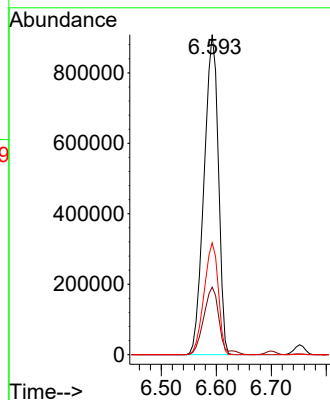
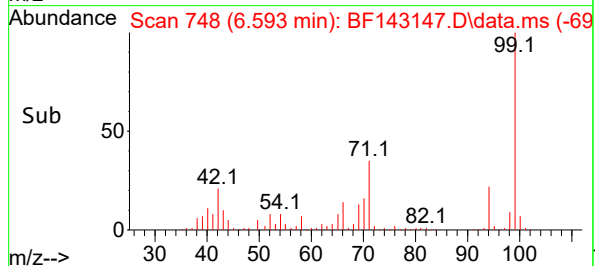
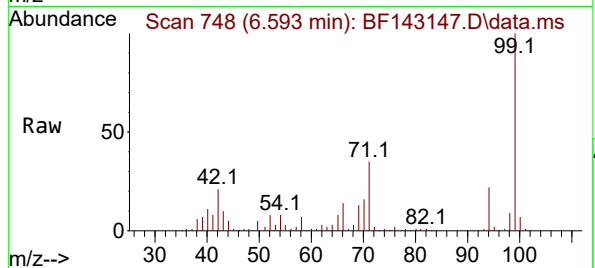
71 35.0 27.7 41.5

Manual Integrations

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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

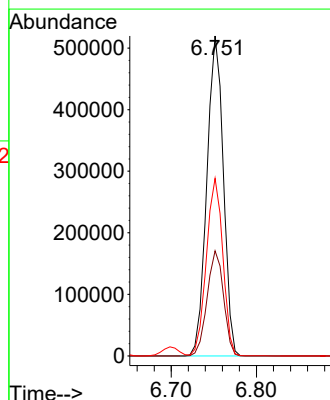
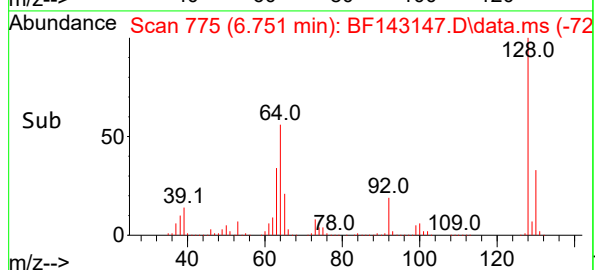
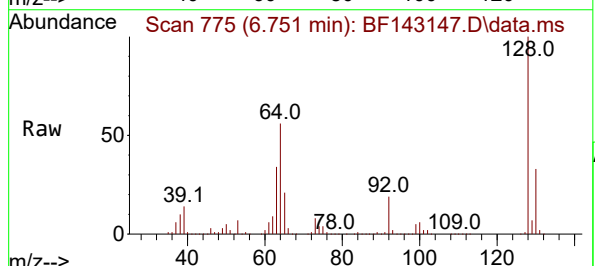
Tgt Ion:128 Resp: 699193

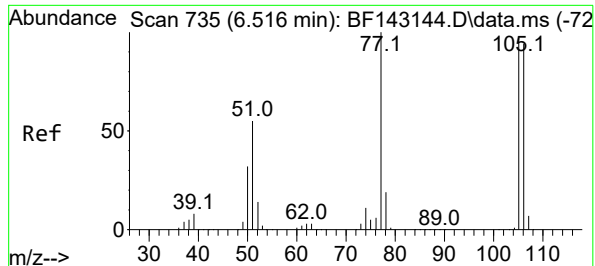
Ion Ratio Lower Upper

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

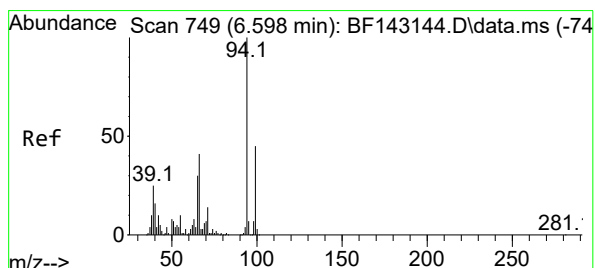
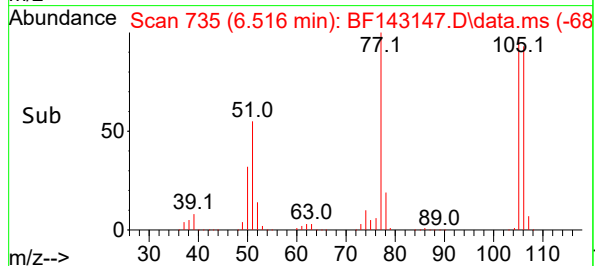
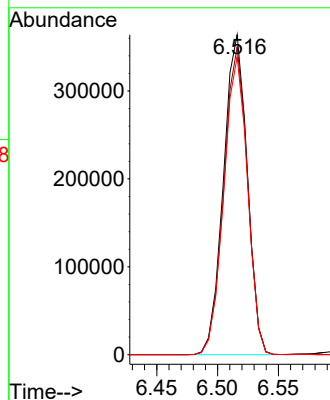
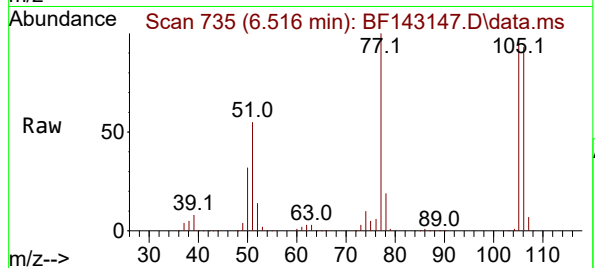
106 93.1 74.4 114.4

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

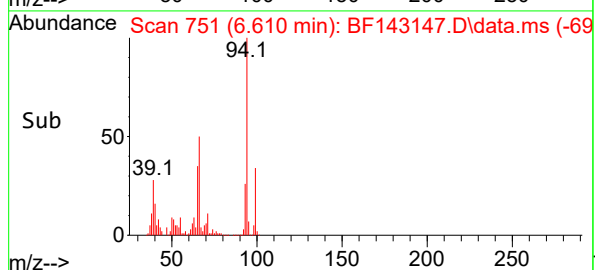
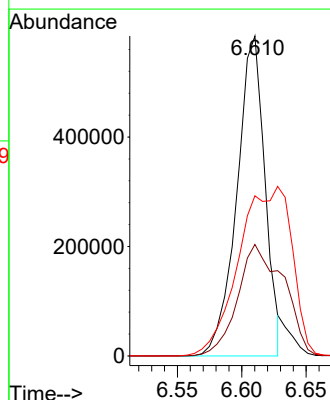
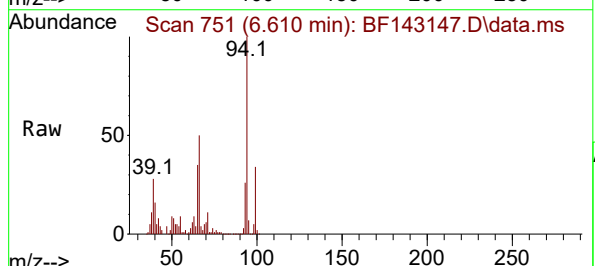
Tgt Ion: 94 Resp: 888041

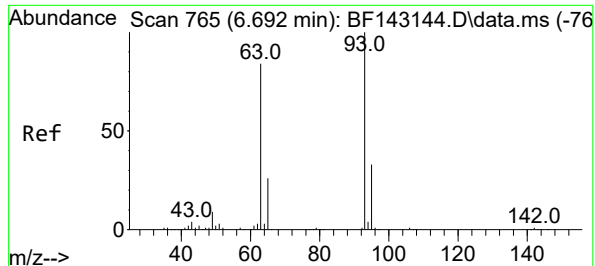
Ion Ratio Lower Upper

94 100

65 34.9 10.0 50.0

66 50.1 20.8 60.8





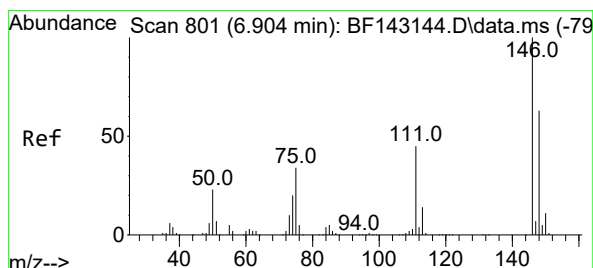
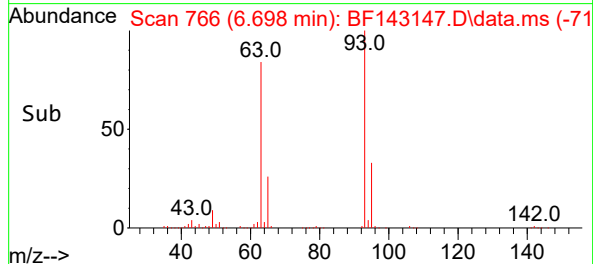
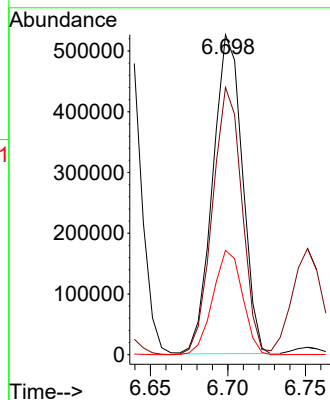
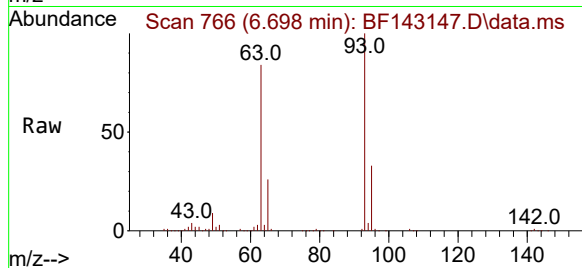
#11
bis(2-Chloroethyl)ether
Concen: 72.503 ng
RT: 6.698 min Scan# 766
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

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

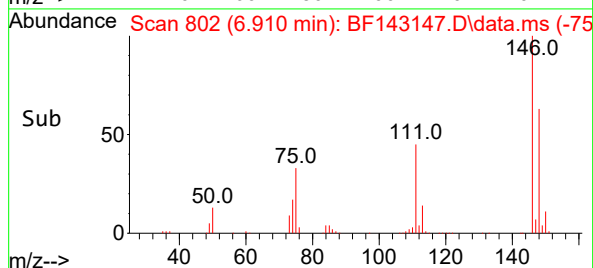
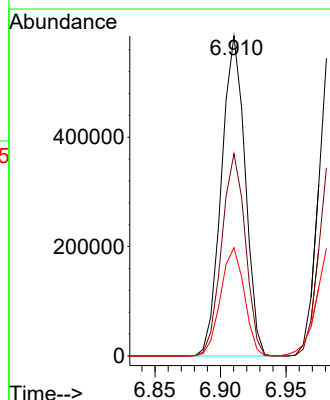
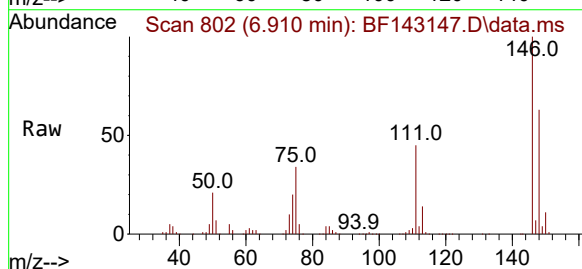
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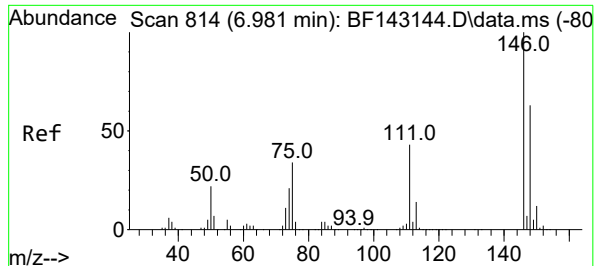
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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# 81

Delta R.T. 0.006 min

Lab File: BF143147.D

Acq: 17 Jul 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:146 Resp: 739462

Ion Ratio Lower Upper

146 100

148 64.1 50.3 75.5

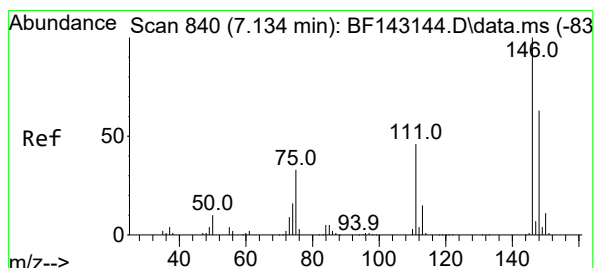
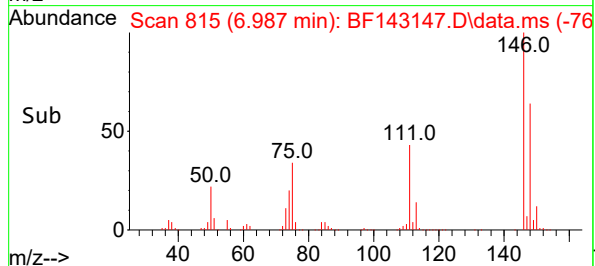
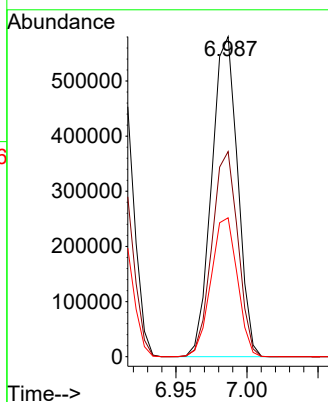
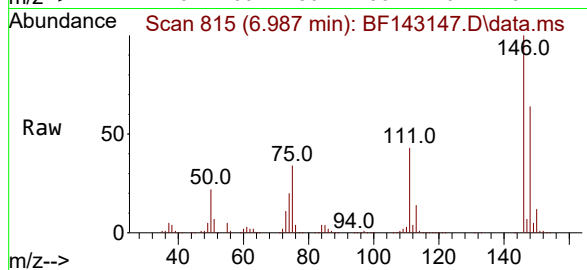
111 43.4 34.4 51.6

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

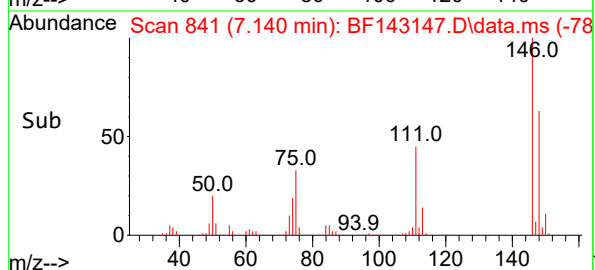
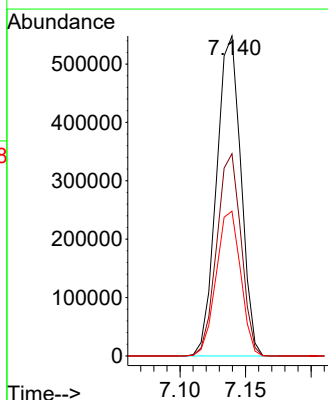
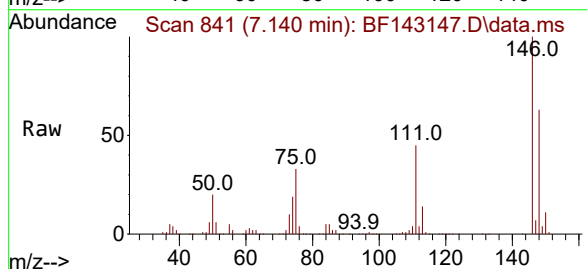
Tgt Ion:146 Resp: 709300

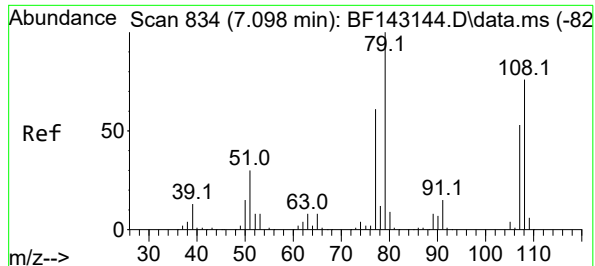
Ion Ratio Lower Upper

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

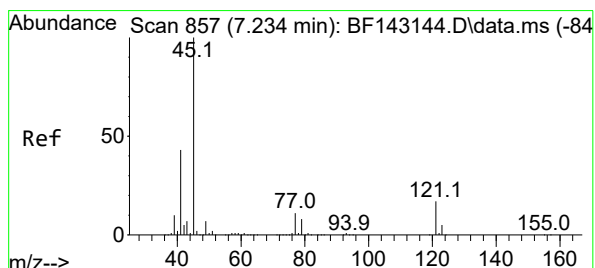
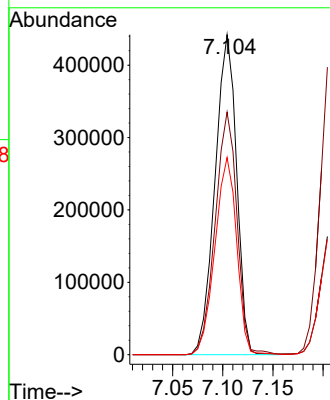
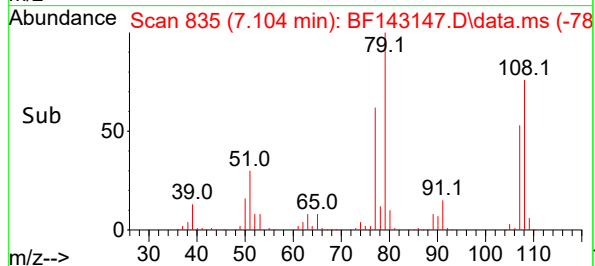
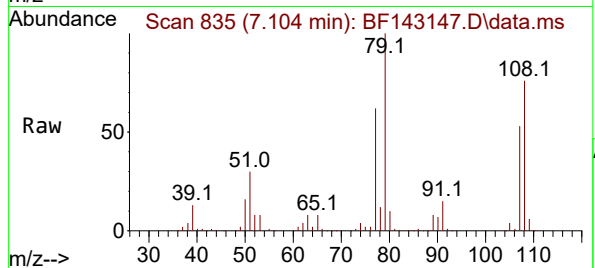
77 61.6 48.9 73.3

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

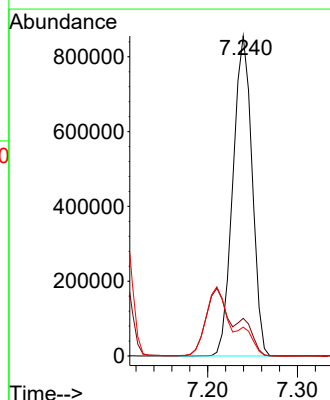
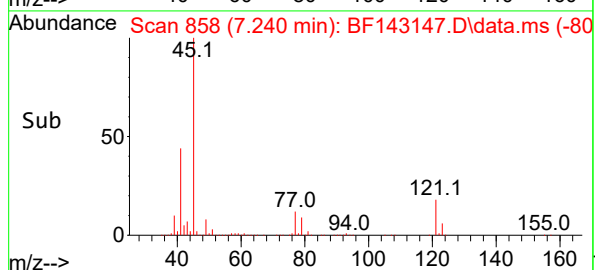
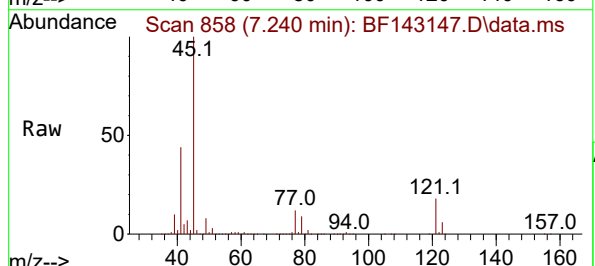
Tgt Ion: 45 Resp: 1265589

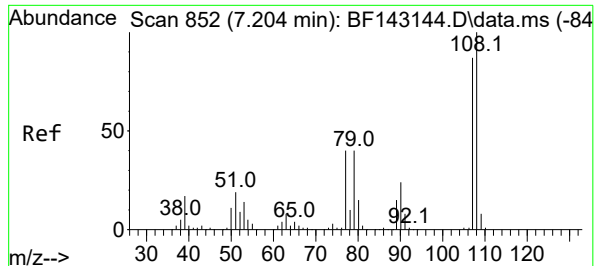
Ion Ratio Lower Upper

45 100

77 11.8 0.0 31.2

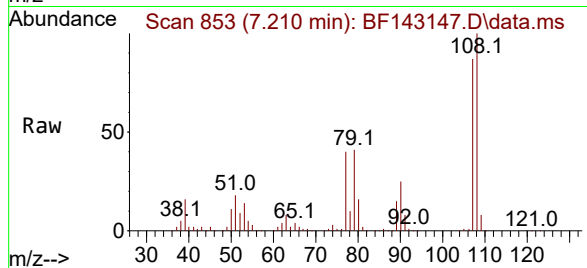
79 9.0 0.0 28.5





#17
2-Methylphenol
Concen: 73.719 ng
RT: 7.210 min Scan# 852
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

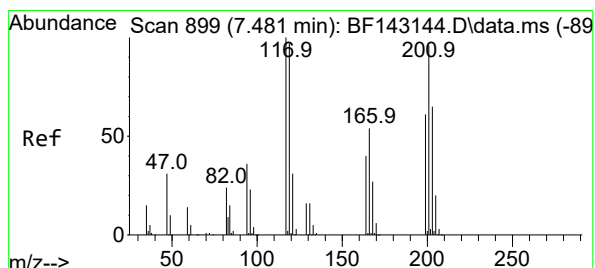
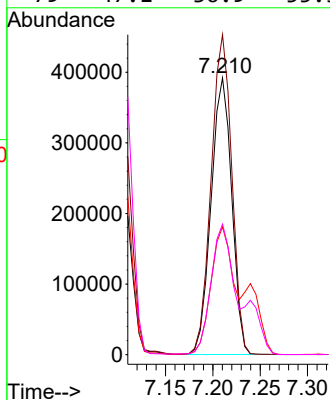
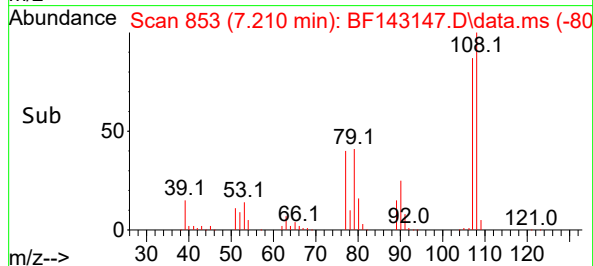
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



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

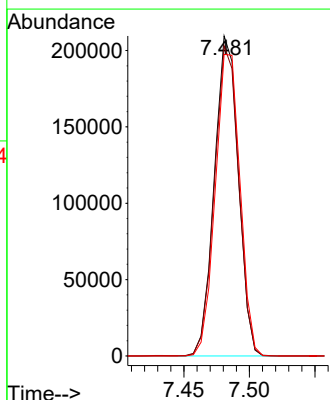
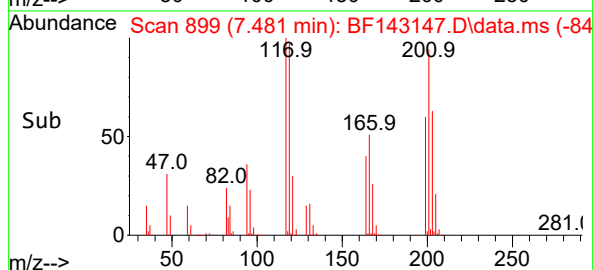
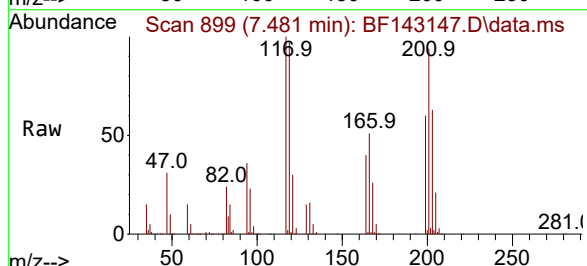
Manual Integrations
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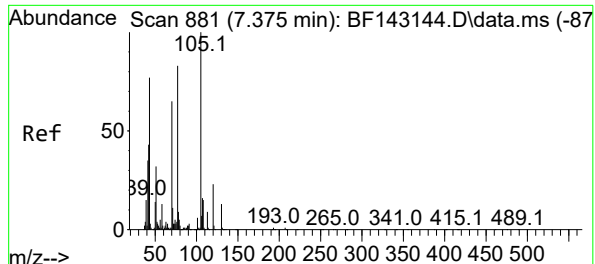
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

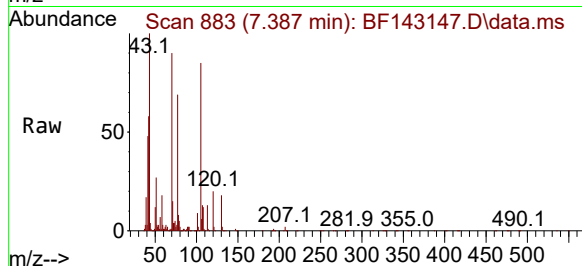
Tgt Ion:117 Resp: 266665
Ion Ratio Lower Upper
117 100
119 96.9 77.8 116.8
201 94.3 77.0 115.4





#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

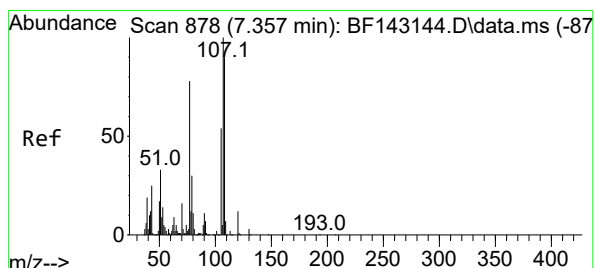
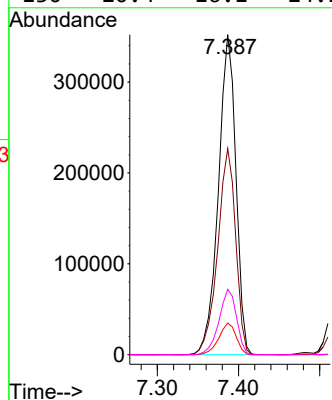
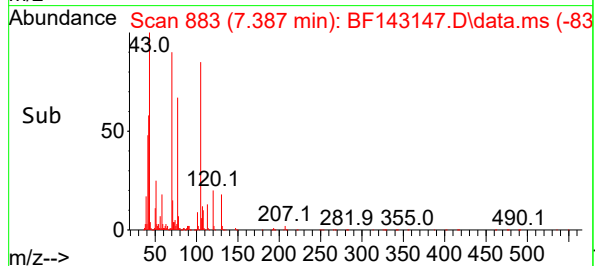
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



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

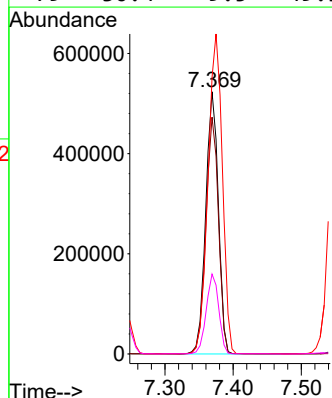
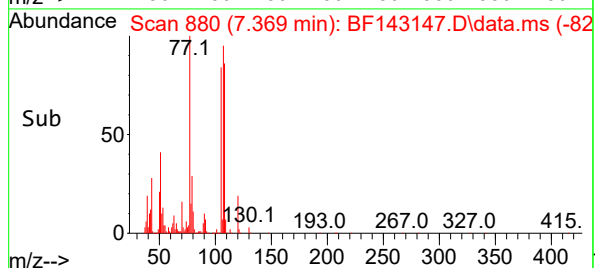
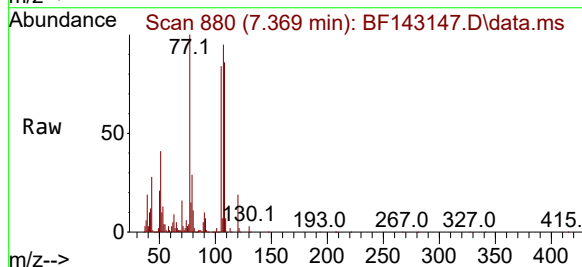
Manual Integrations
APPROVED

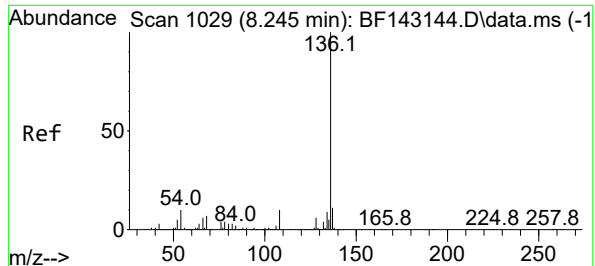
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

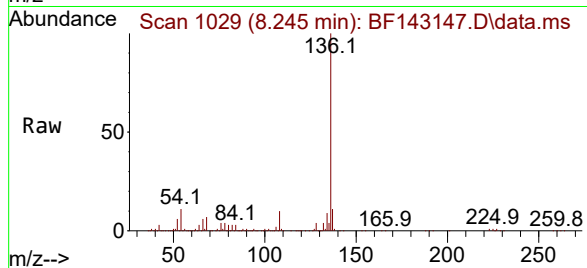
Tgt Ion:107 Resp: 673906
Ion Ratio Lower Upper
107 100
108 90.3 70.0 110.0
77 105.4 57.8 97.8#
79 30.4 9.5 49.5





#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

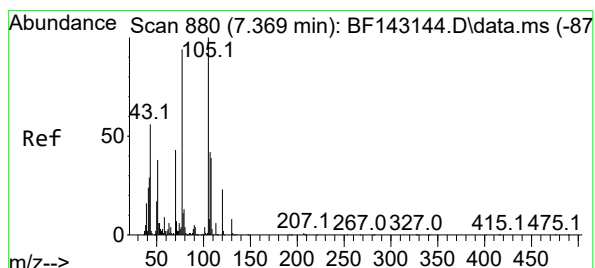
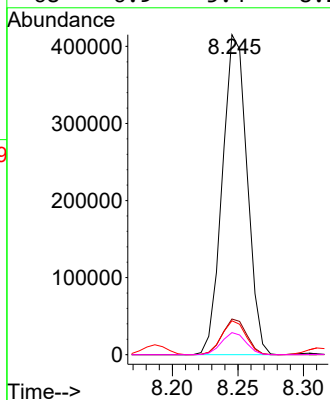
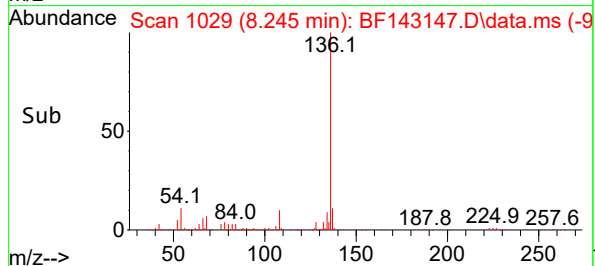
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



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

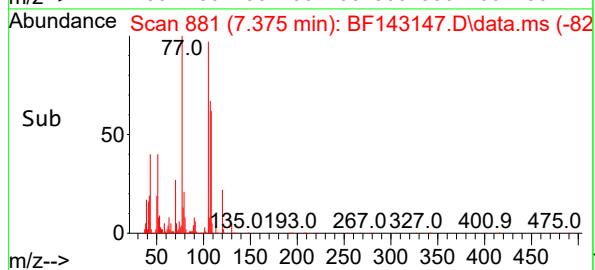
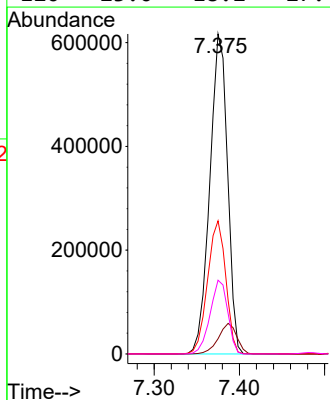
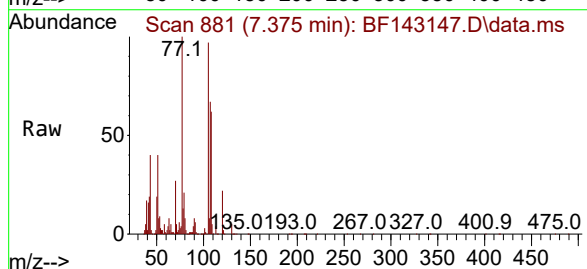
Manual Integrations
APPROVED

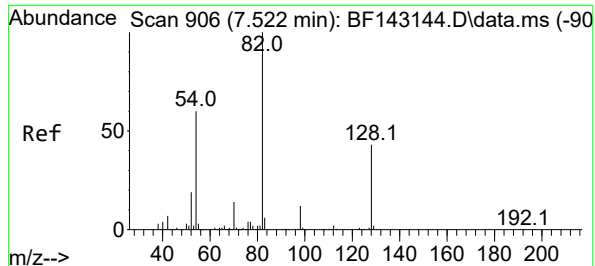
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

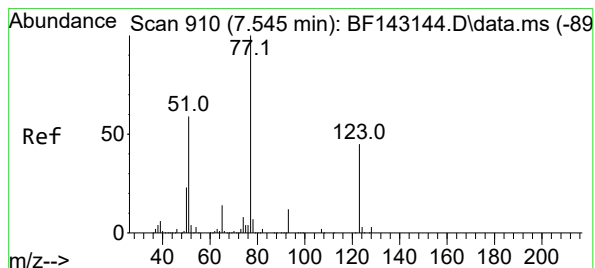
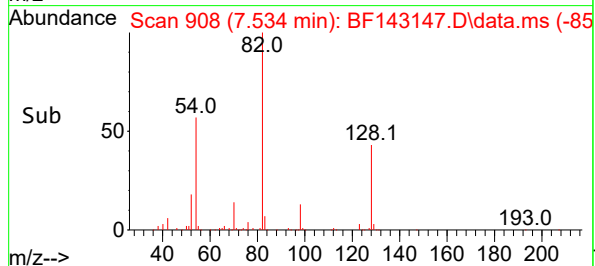
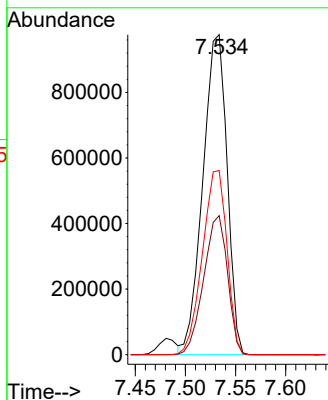
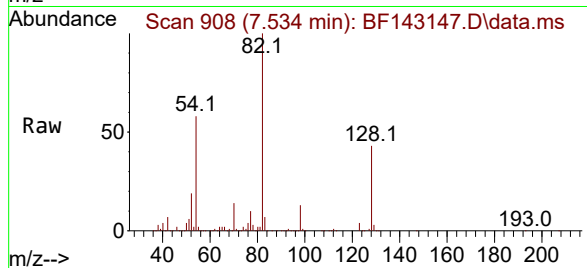
54 57.5 47.1 70.7

Manual Integrations

APPROVED

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

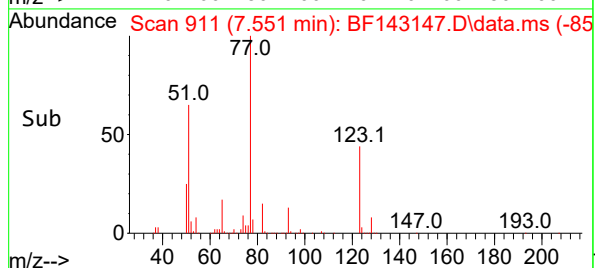
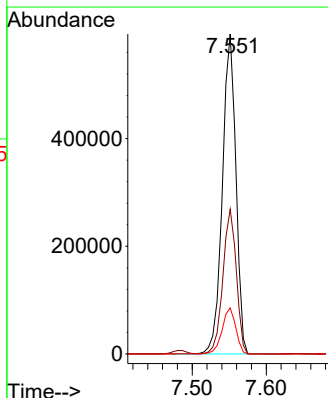
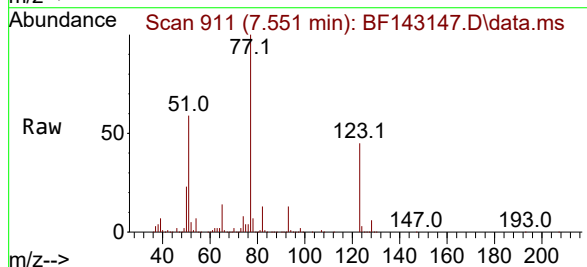
Tgt Ion: 77 Resp: 751964

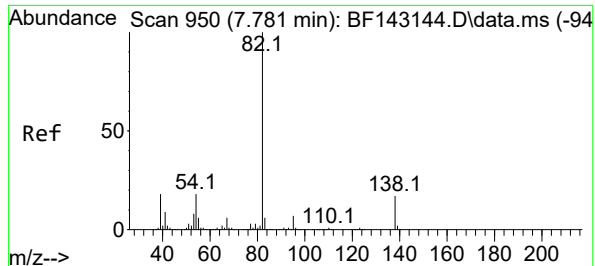
Ion Ratio Lower Upper

77 100

123 45.2 36.1 54.1

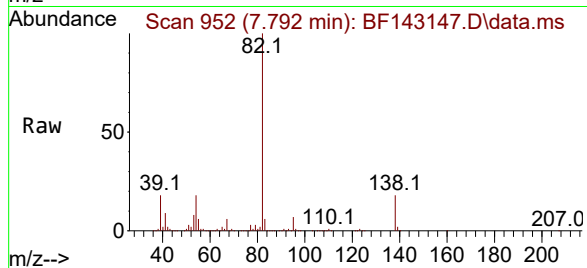
65 14.4 11.4 17.2





#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

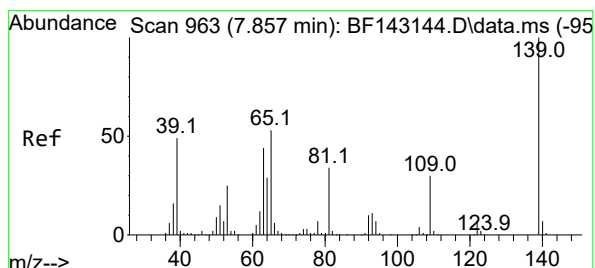
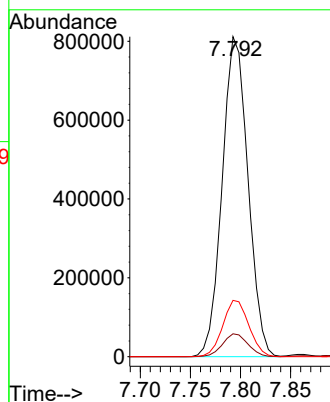
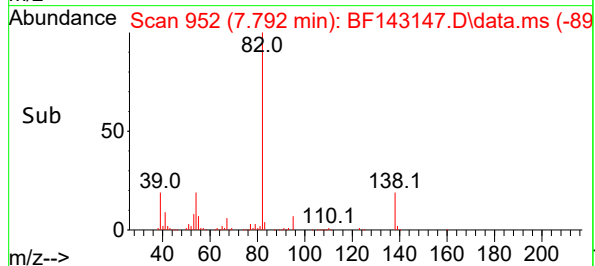
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



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

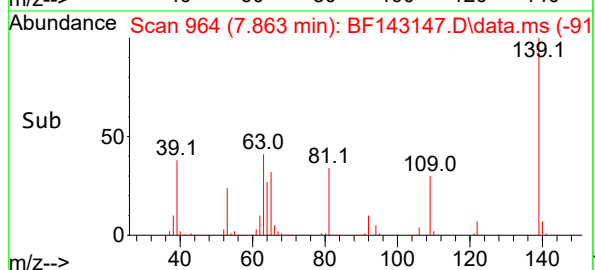
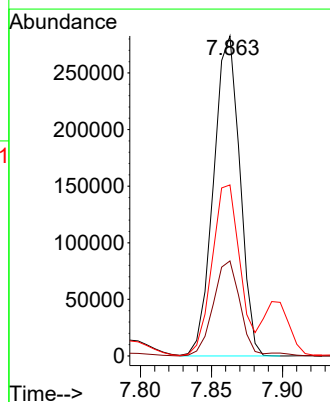
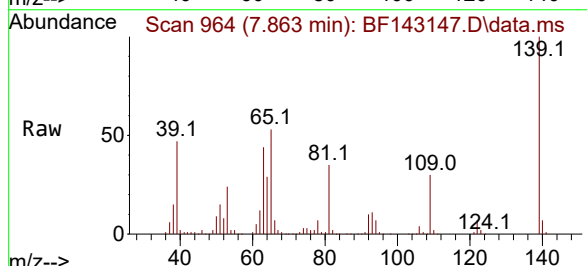
Manual Integrations
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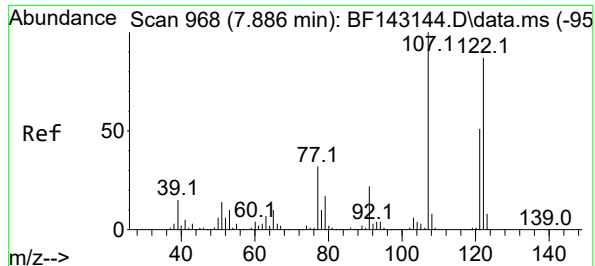
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

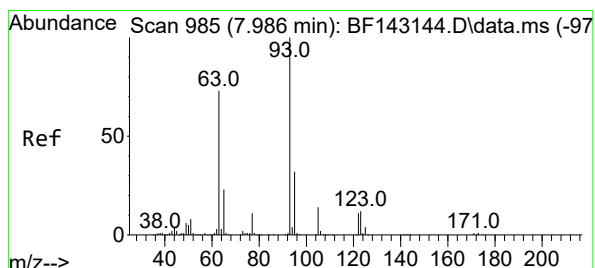
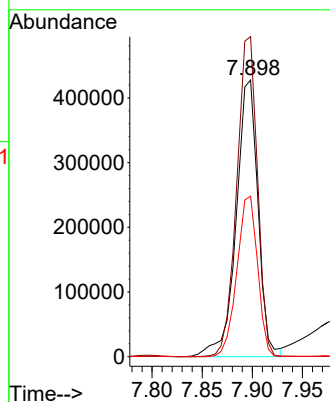
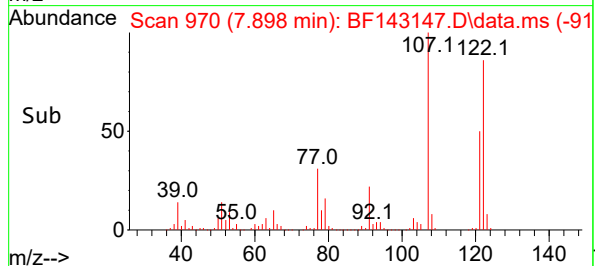
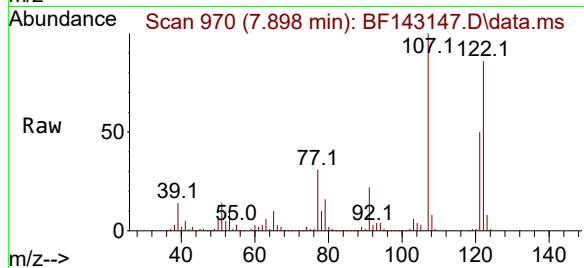
121 58.0 46.3 69.5

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: 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

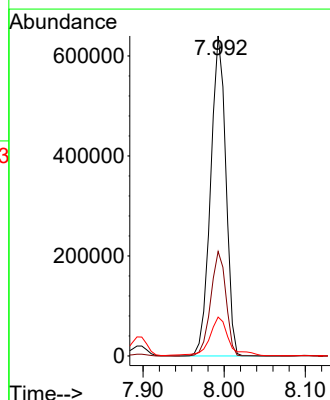
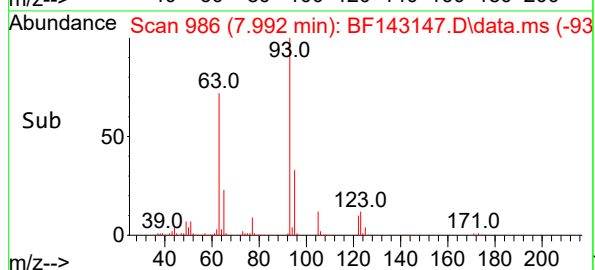
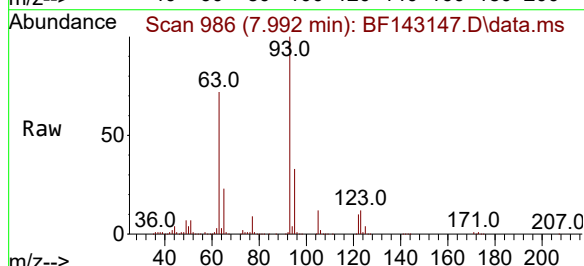
Tgt Ion: 93 Resp: 834021

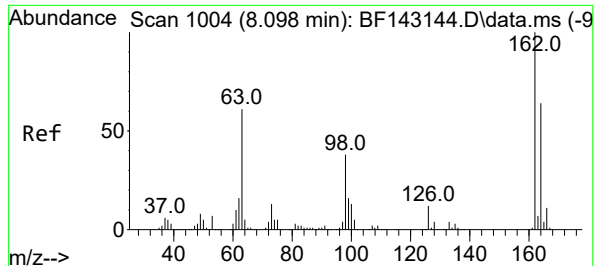
Ion Ratio Lower Upper

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

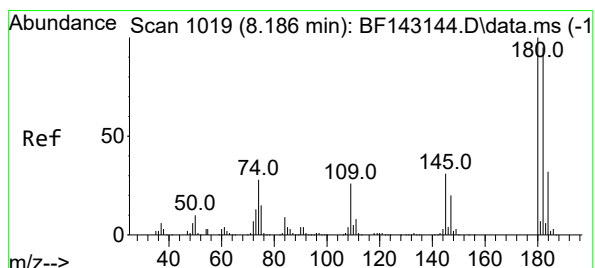
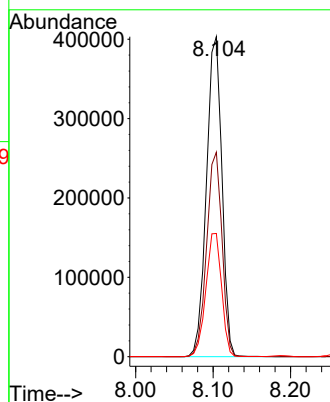
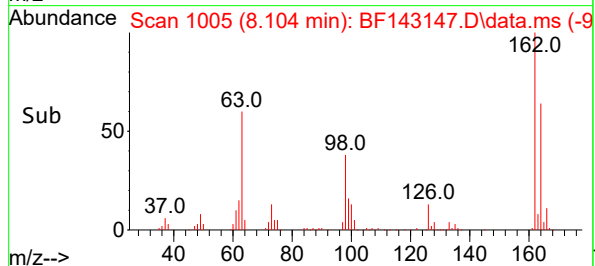
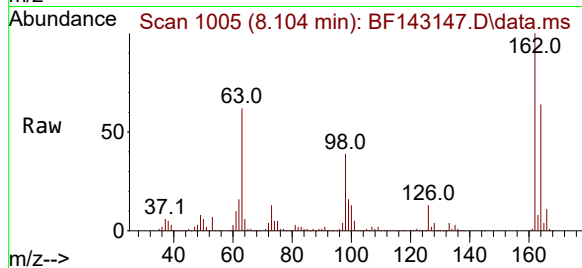
98 38.5 17.9 57.9

Manual Integrations

APPROVED

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

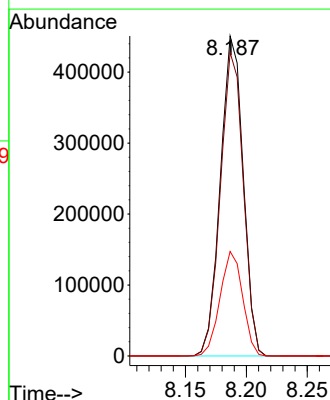
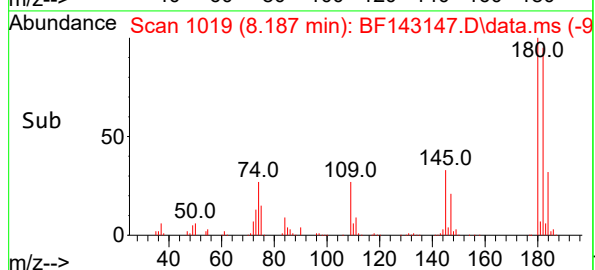
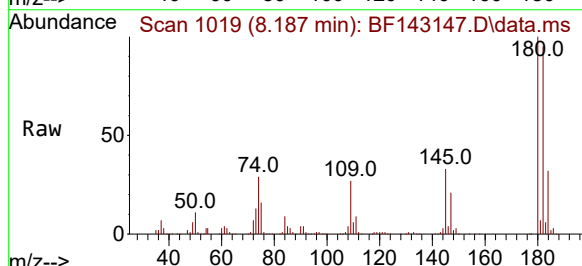
Tgt Ion:180 Resp: 588333

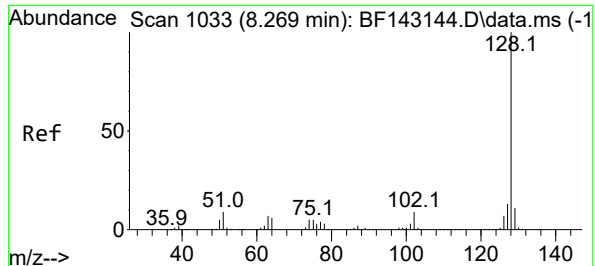
Ion Ratio Lower Upper

180 100

182 94.9 76.2 114.2

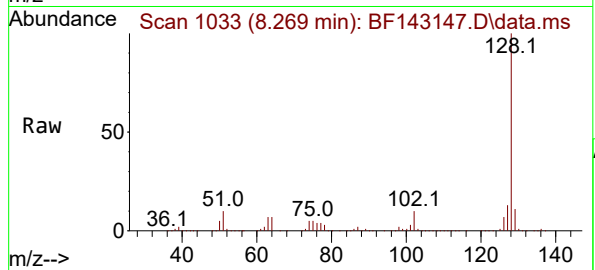
145 32.7 25.0 37.6





#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

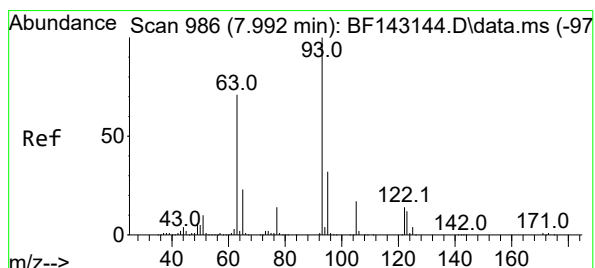
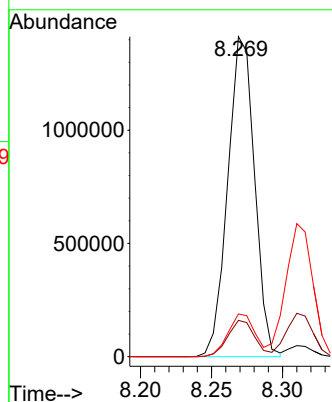
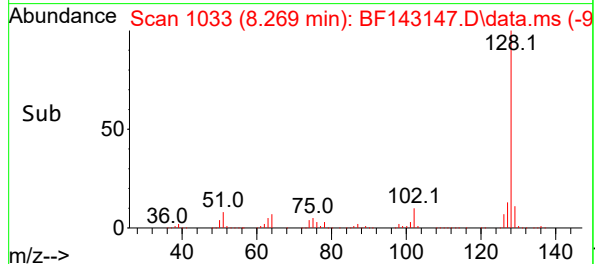
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



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

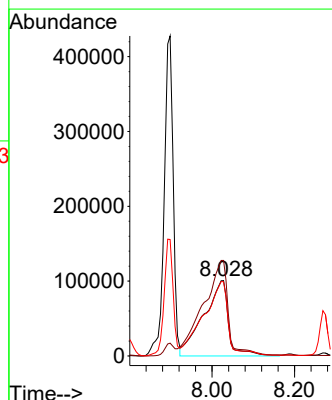
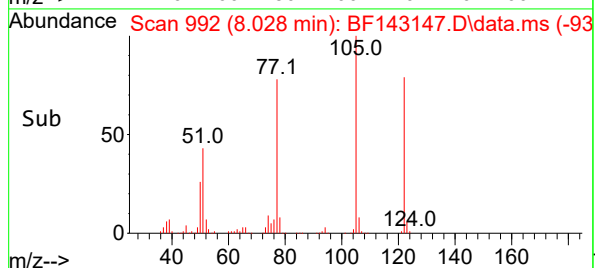
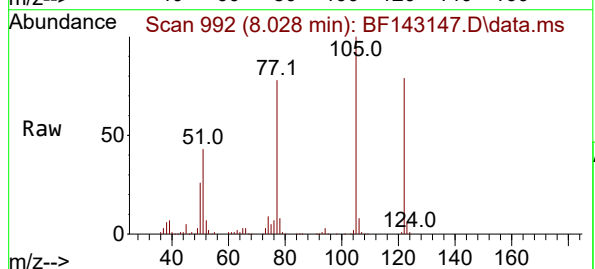
Manual Integrations
APPROVED

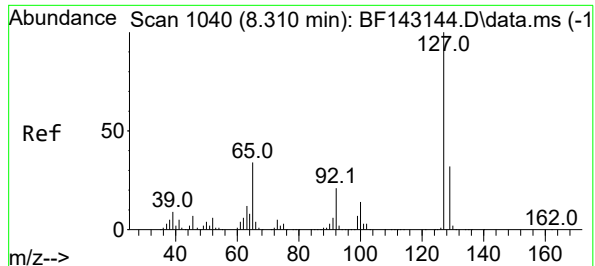
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

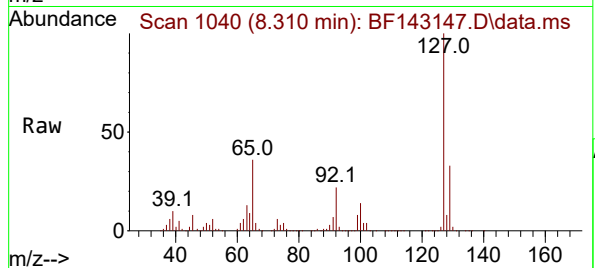
Tgt Ion:122 Resp: 423625
Ion Ratio Lower Upper
122 100
105 126.7 104.8 144.8
77 98.6 77.6 117.6





#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

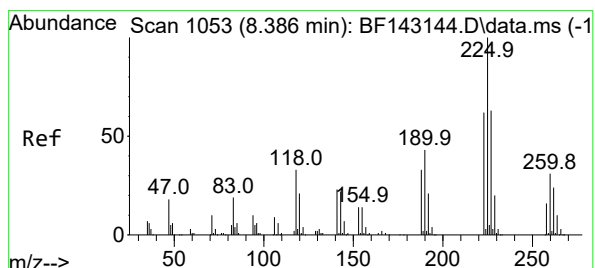
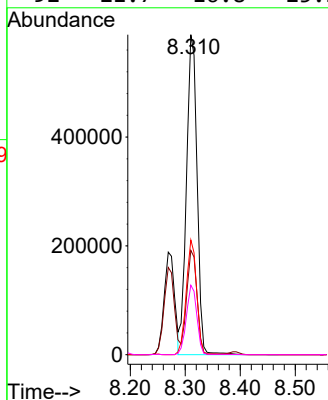
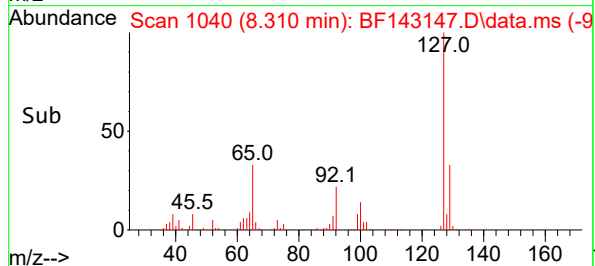
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



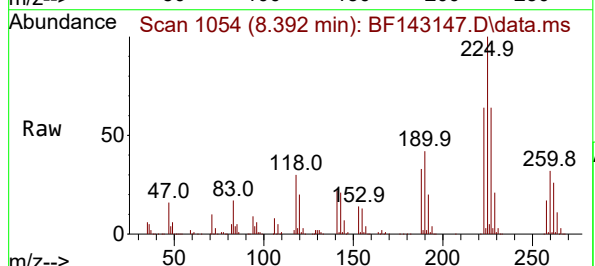
Tgt Ion:127 Resp: 78724
Ion Ratio Lower Upper
127 100
129 32.6 26.0 39.0
65 35.9 27.4 41.2
92 21.7 16.8 25.2

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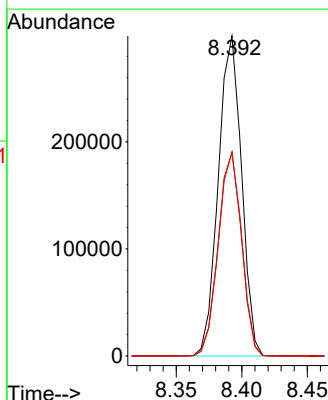
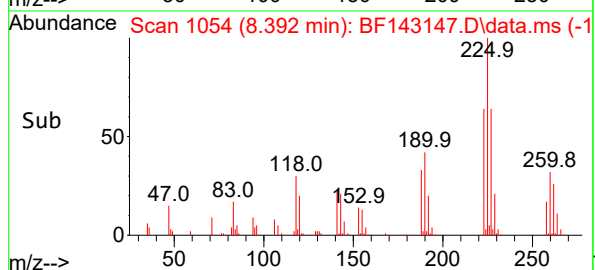
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

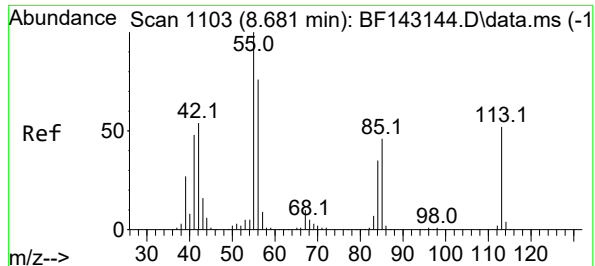


#34
Hexachlorobutadiene
Concen: 73.453 ng
RT: 8.392 min Scan# 1054
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34



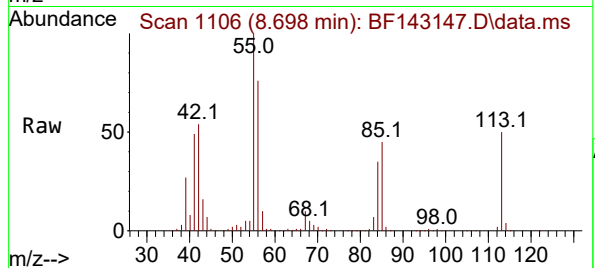
Tgt Ion:225 Resp: 368327
Ion Ratio Lower Upper
225 100
223 63.6 49.8 74.6
227 63.7 50.2 75.4





#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

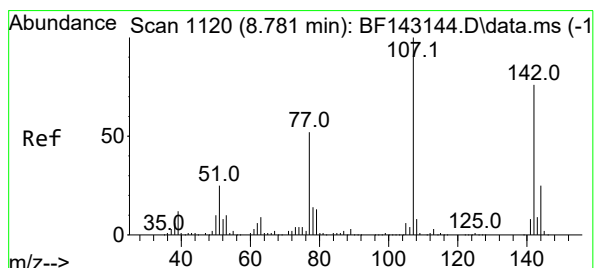
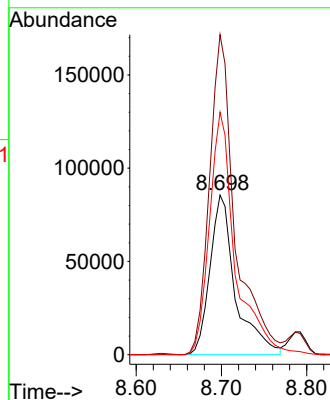
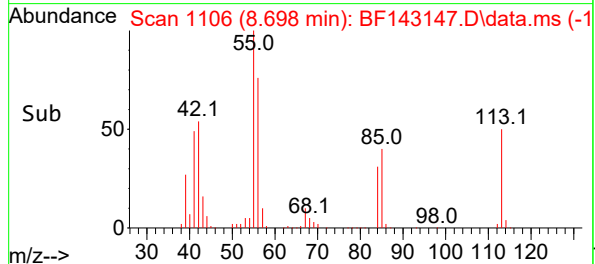
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



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

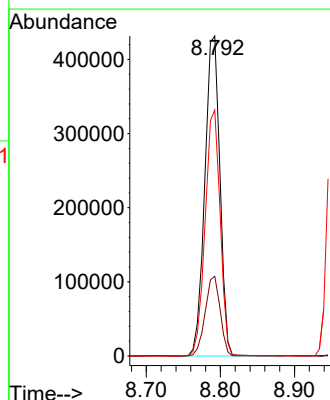
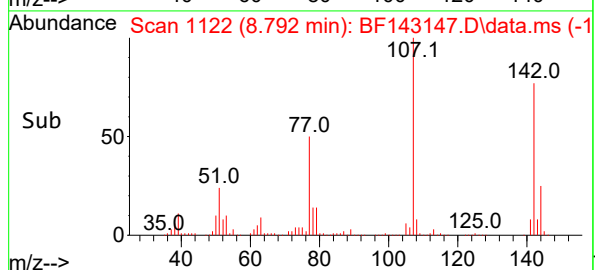
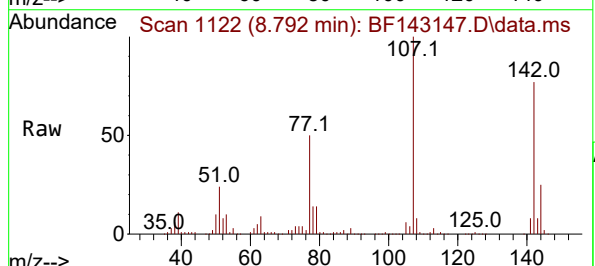
Manual Integrations
APPROVED

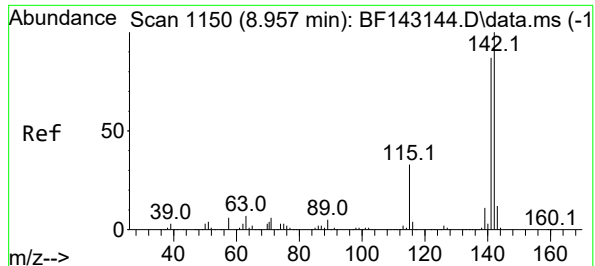
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

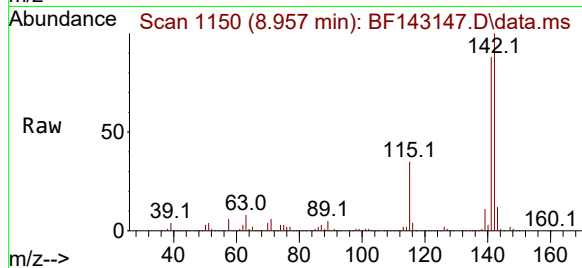
Tgt Ion:107 Resp: 614048
Ion Ratio Lower Upper
107 100
144 24.9 19.8 29.6
142 76.9 60.6 90.8





#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

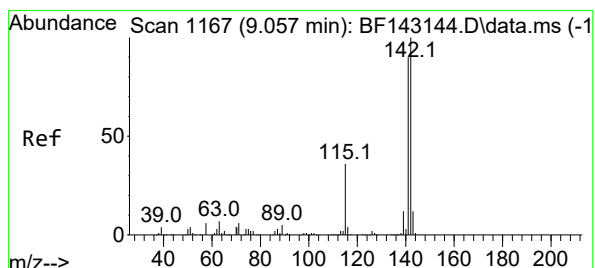
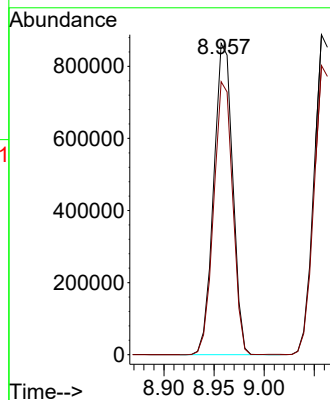
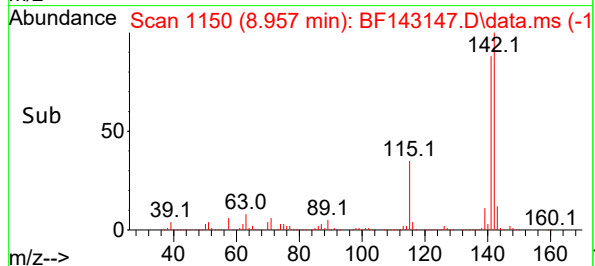
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:142 Resp: 1137170
Ion Ratio Lower Upper
142 100
141 87.7 69.9 104.9

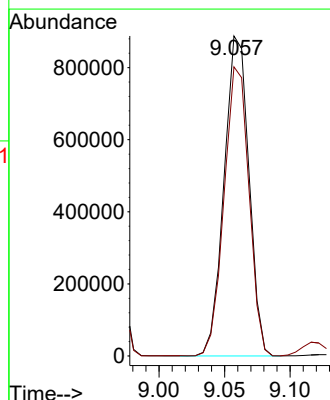
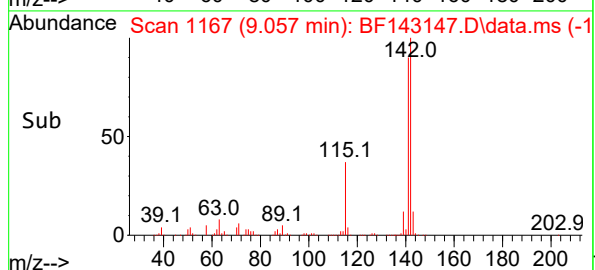
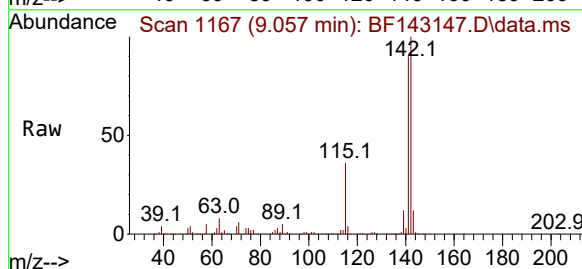
Manual Integrations
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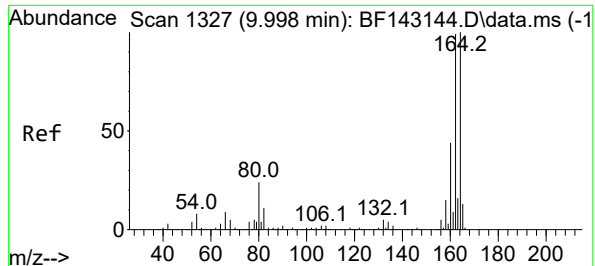
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

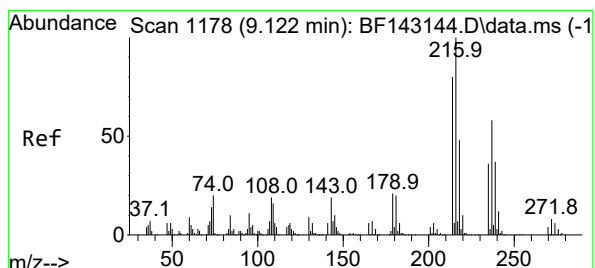
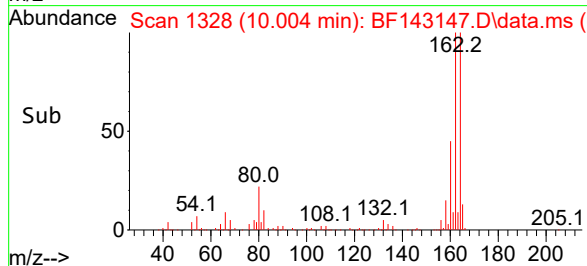
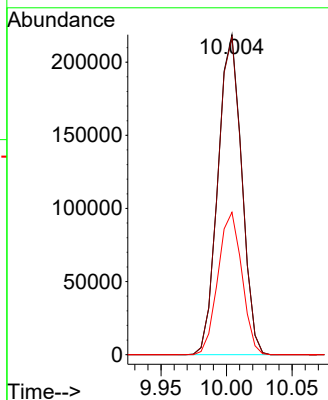
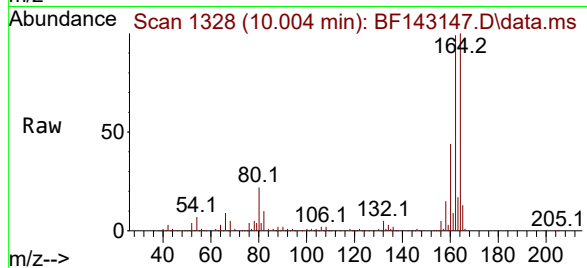
160 44.5 35.1 52.7

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

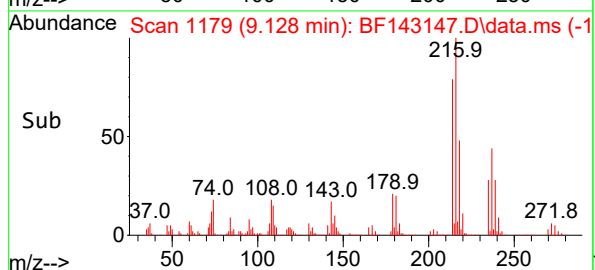
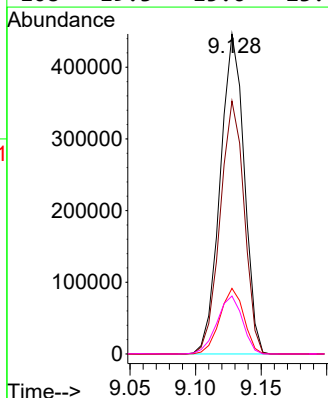
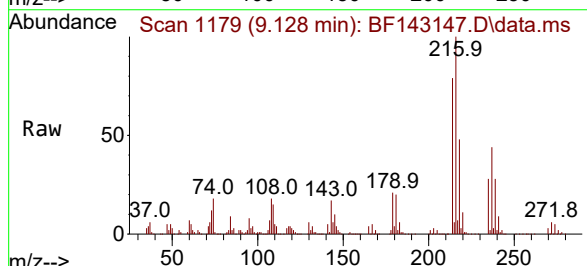
Ion Ratio Lower Upper

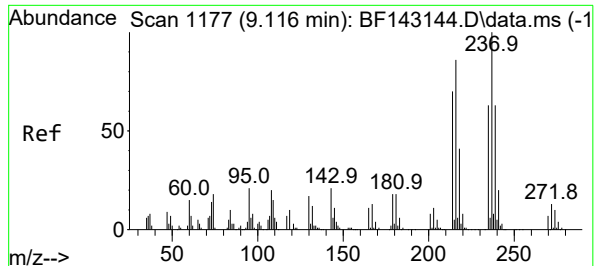
216 100

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

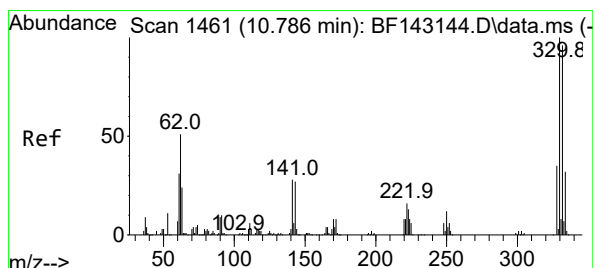
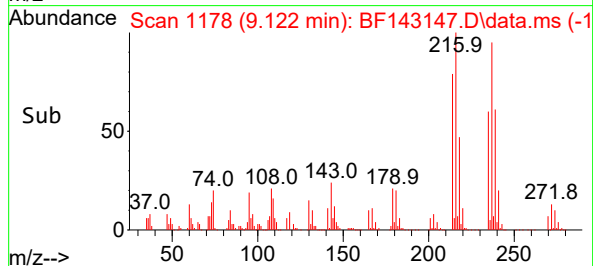
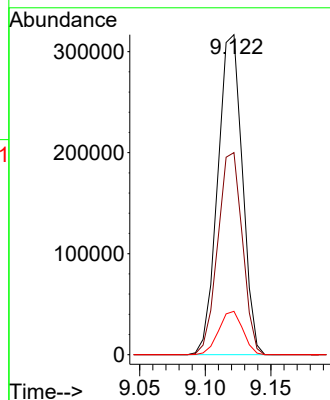
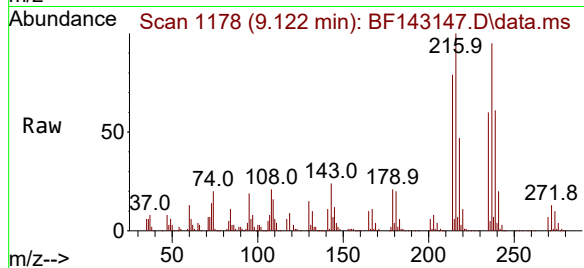
272 13.6 0.0 33.3

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

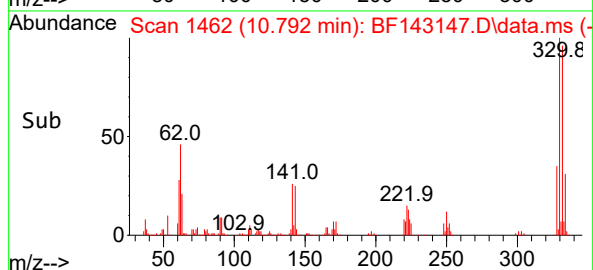
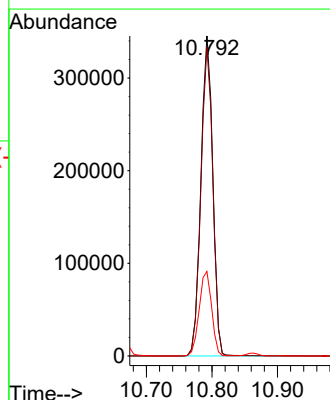
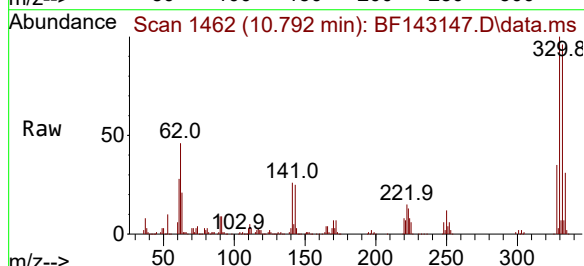
Tgt Ion:330 Resp: 437054

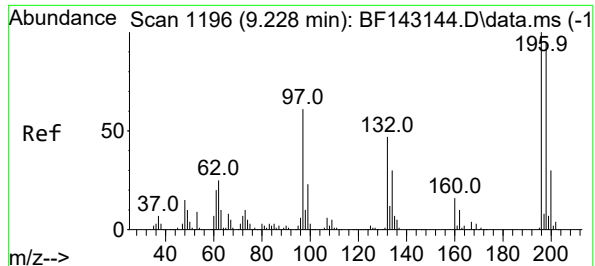
Ion Ratio Lower Upper

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

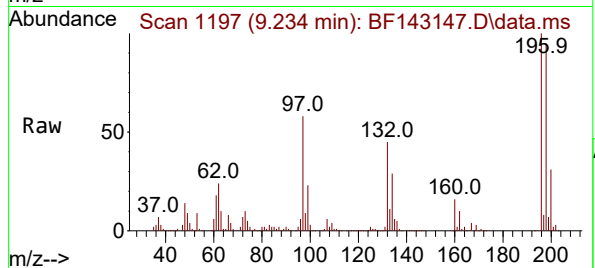
Acq: 17 Jul 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion:196 Resp: 412148

Ion Ratio Lower Upper

196 100

198 95.2 76.2 114.2

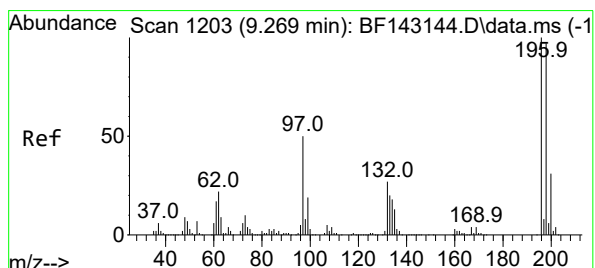
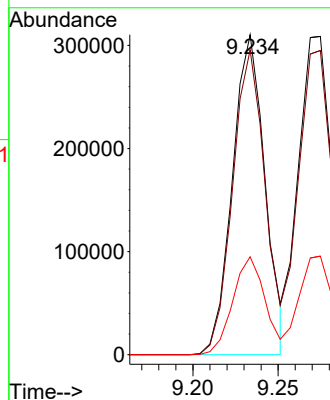
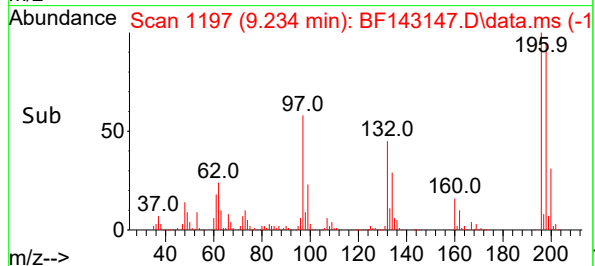
200 30.6 23.9 35.9

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

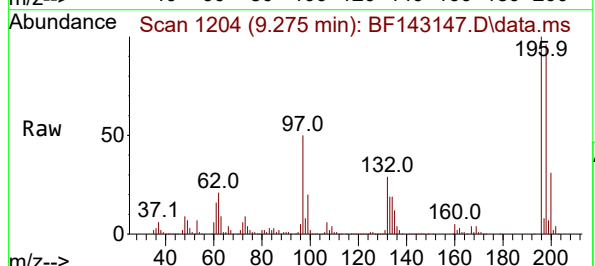
Concen: 76.888 ng

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

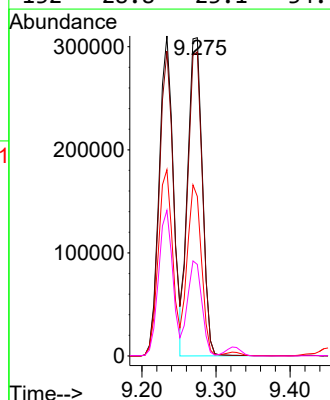
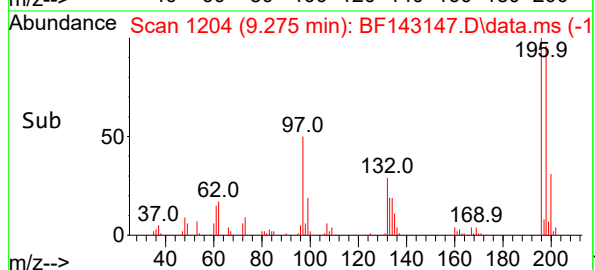
Ion Ratio Lower Upper

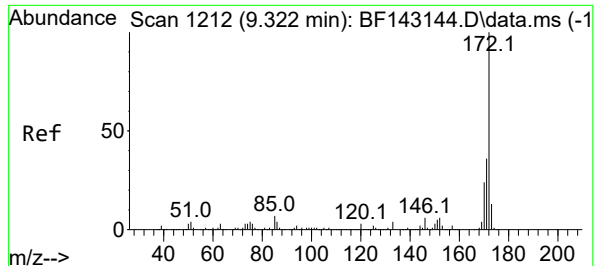
196 100

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

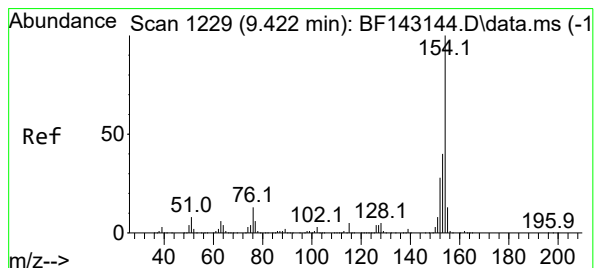
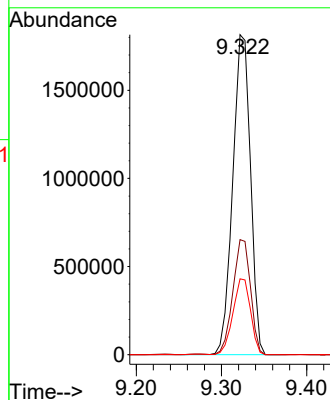
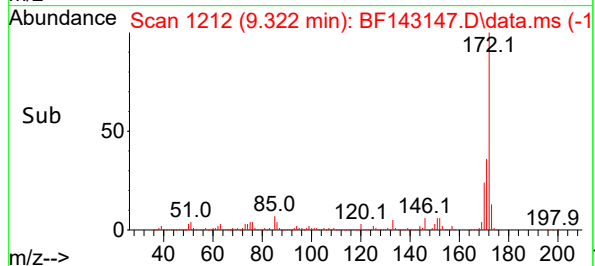
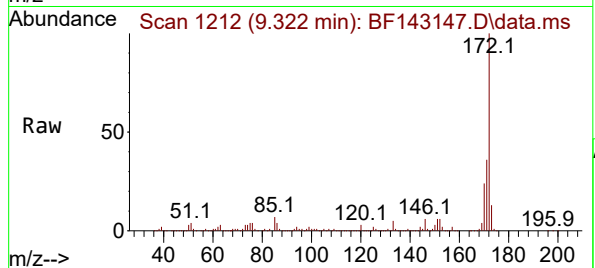
170 23.7 18.8 28.2

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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

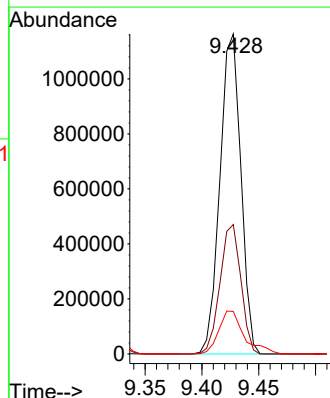
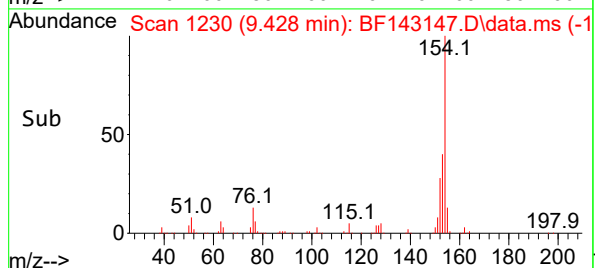
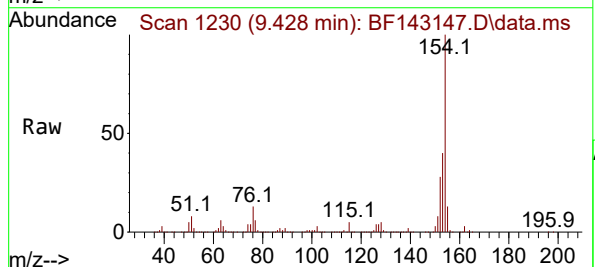
Tgt Ion:154 Resp: 1492094

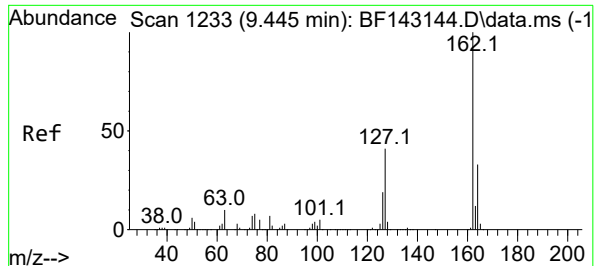
Ion Ratio Lower Upper

154 100

153 40.5 20.3 60.3

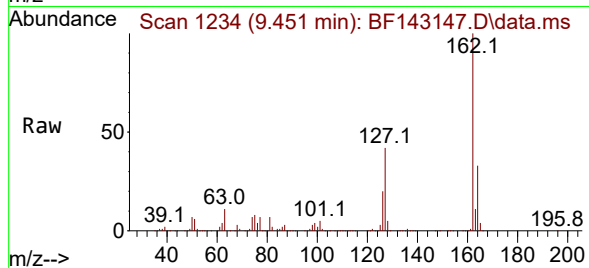
76 13.3 0.0 33.3





#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

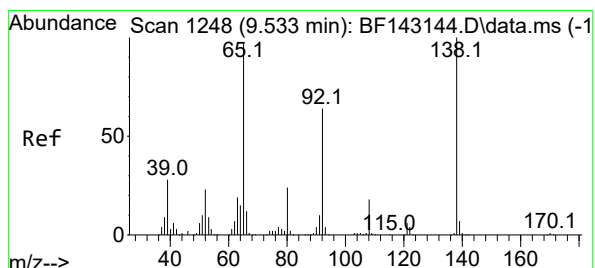
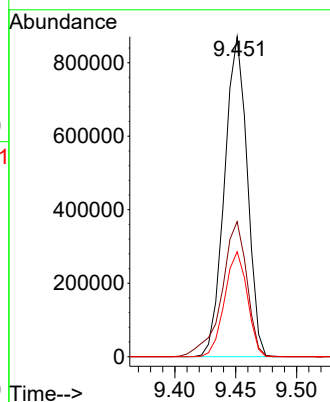
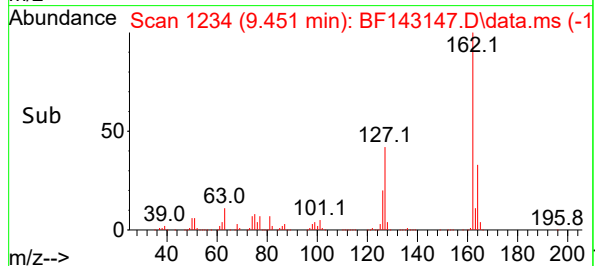
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



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

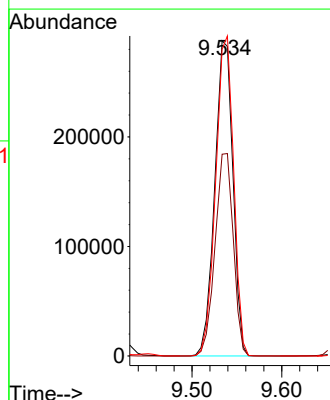
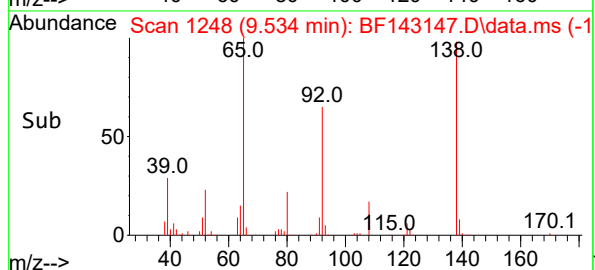
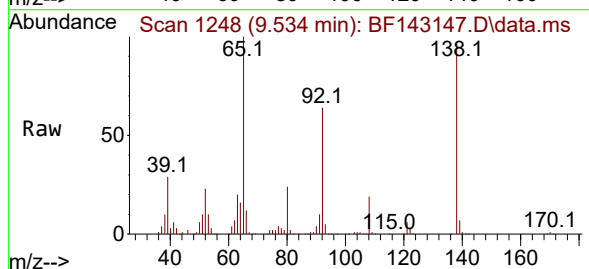
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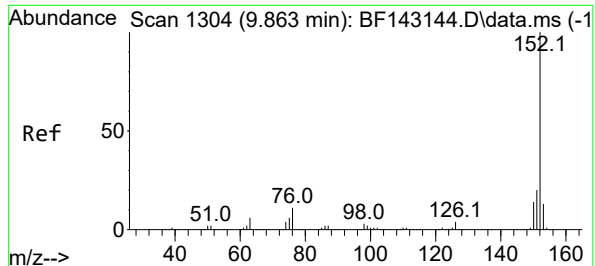
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

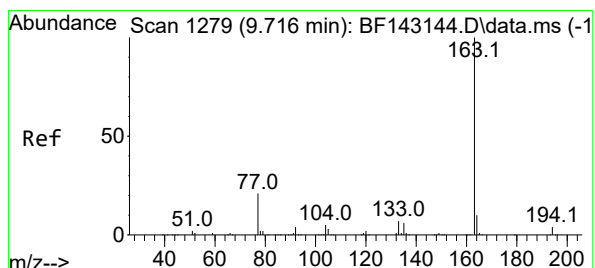
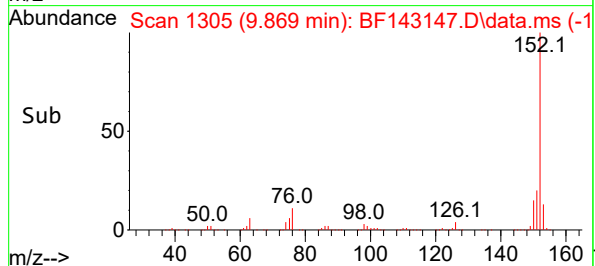
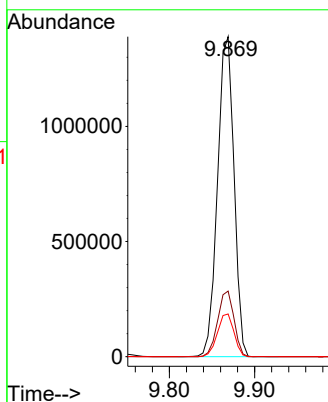
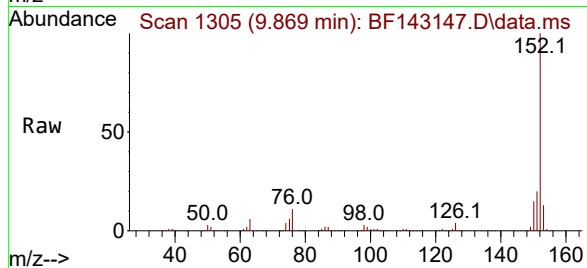
153 13.4 10.6 16.0

Manual Integrations

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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

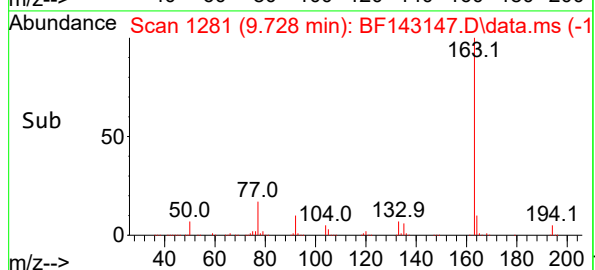
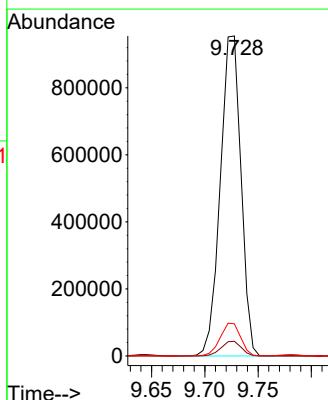
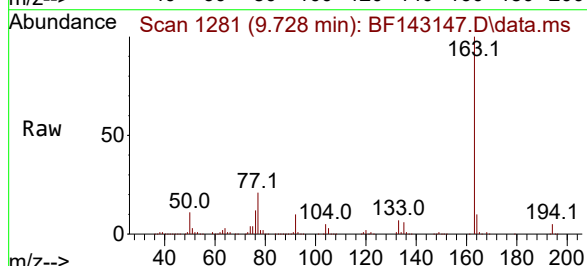
Tgt Ion:163 Resp: 1288559

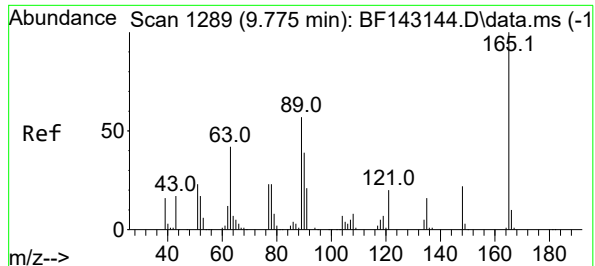
Ion Ratio Lower Upper

163 100

194 4.6 3.4 5.2

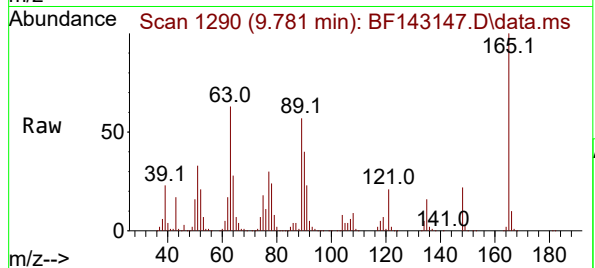
164 10.0 8.3 12.5





#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

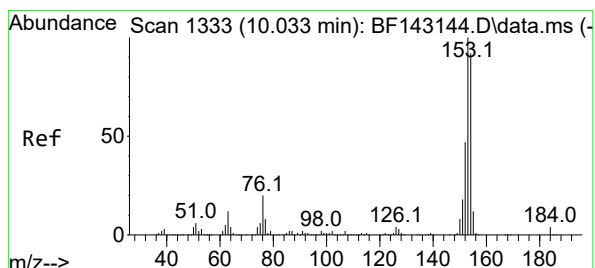
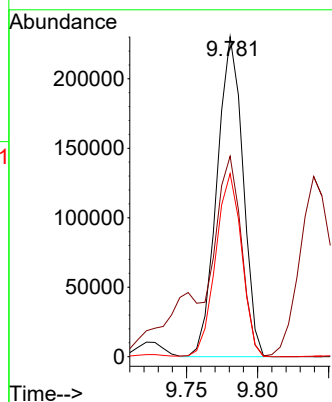
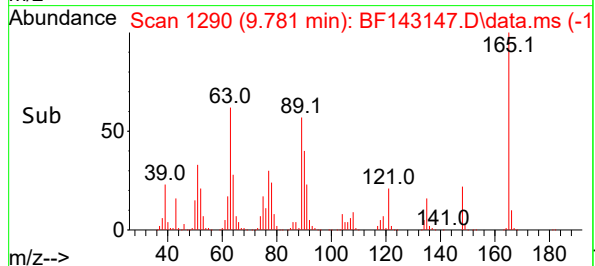
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



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

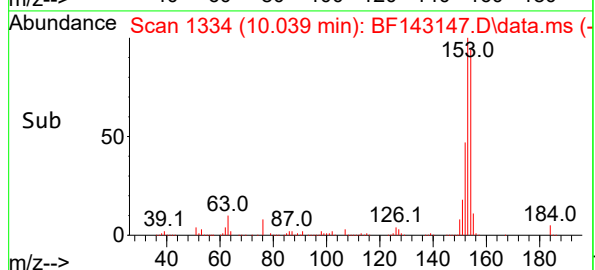
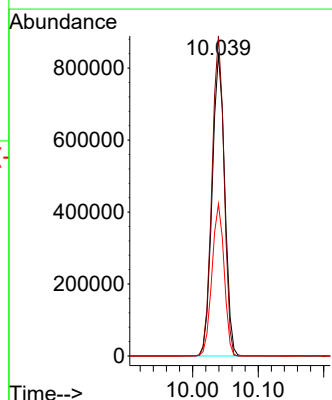
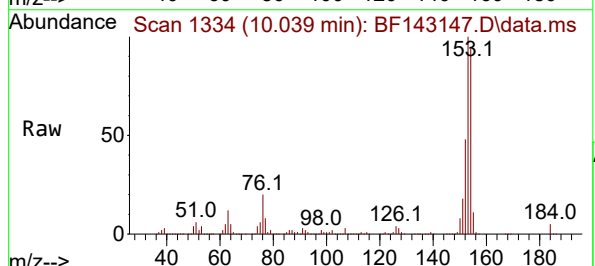
Manual Integrations
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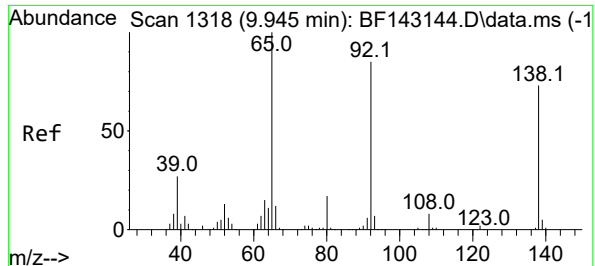
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

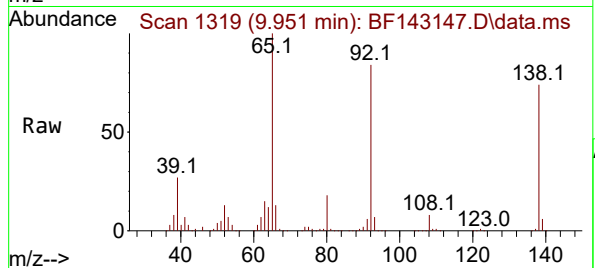
Tgt Ion:154 Resp: 1120315
Ion Ratio Lower Upper
154 100
153 106.1 86.6 129.8
152 50.4 40.4 60.6





#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

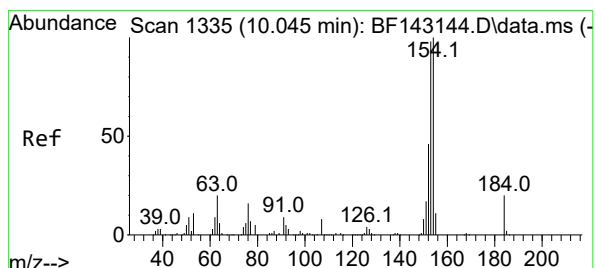
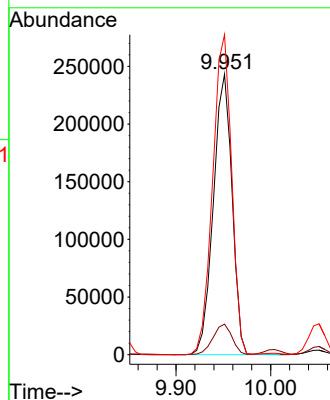
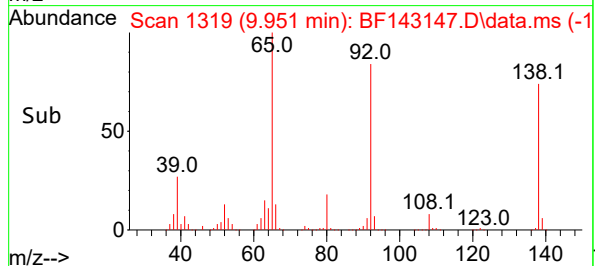
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



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

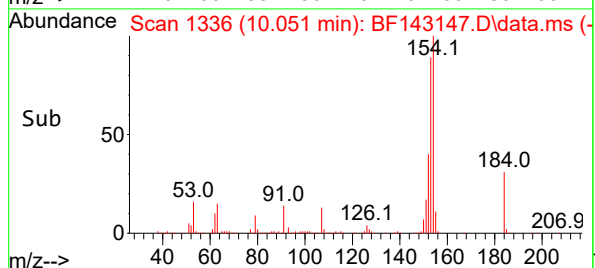
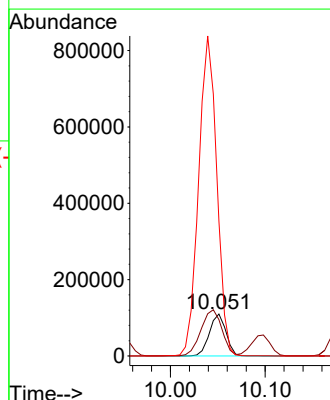
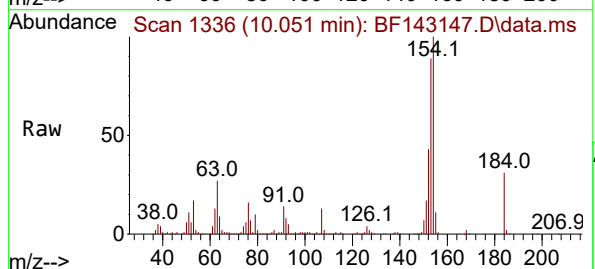
Manual Integrations
APPROVED

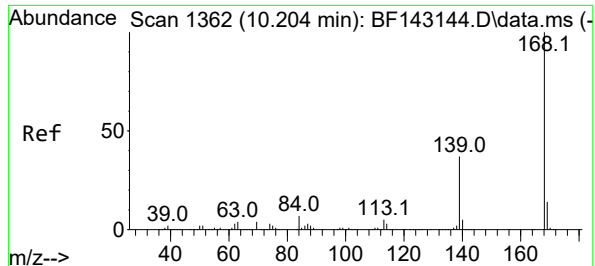
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

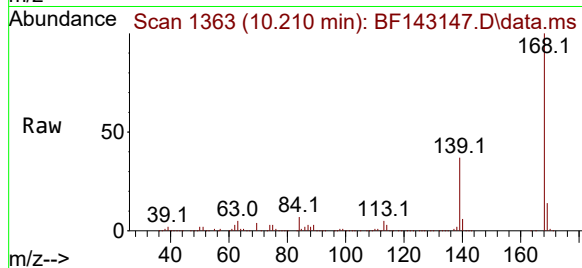
Tgt Ion:184 Resp: 133446
Ion Ratio Lower Upper
184 100
63 86.6 81.8 122.6
154 321.6 412.2 618.4#





#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

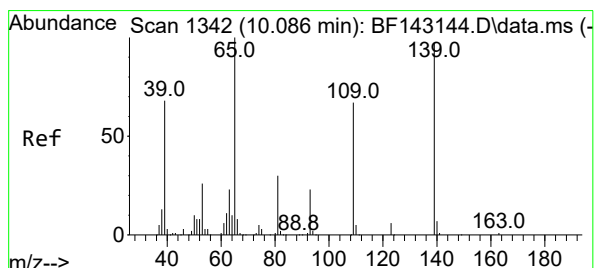
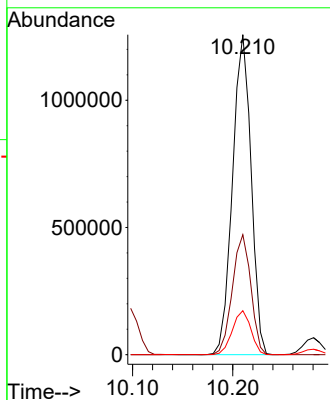
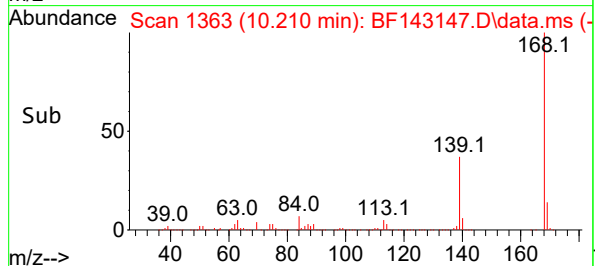
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



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

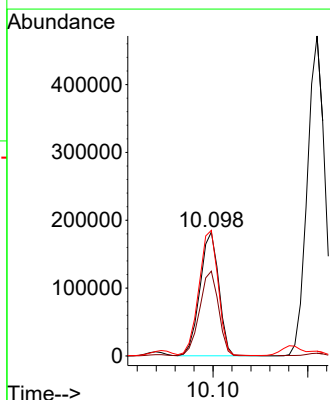
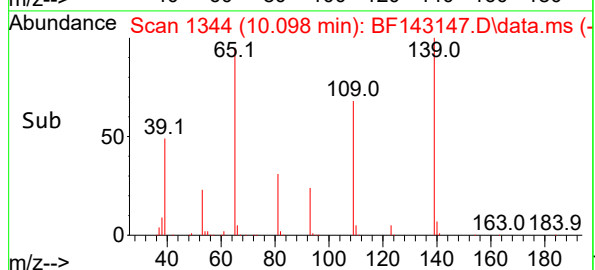
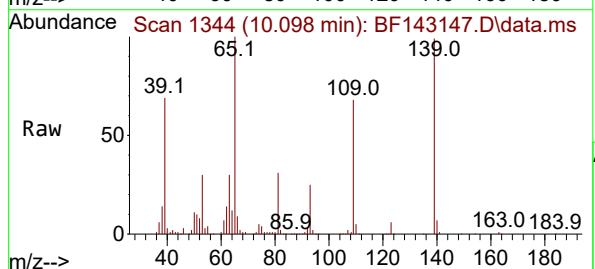
Manual Integrations
APPROVED

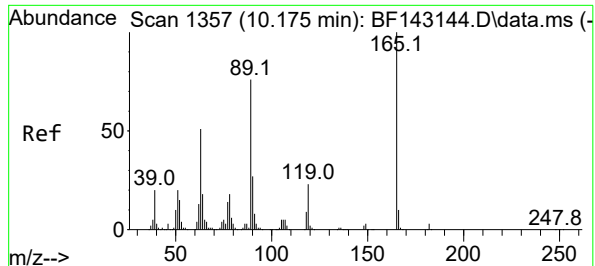
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

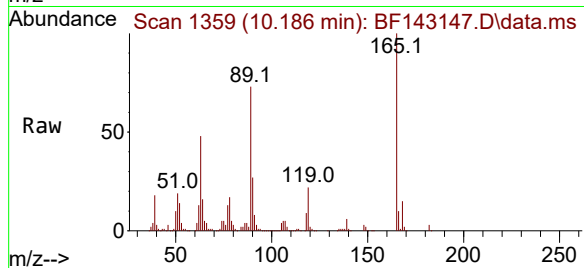
Tgt Ion:139 Resp: 252698
Ion Ratio Lower Upper
139 100
109 68.4 48.5 88.5
65 101.3 83.4 123.4





#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

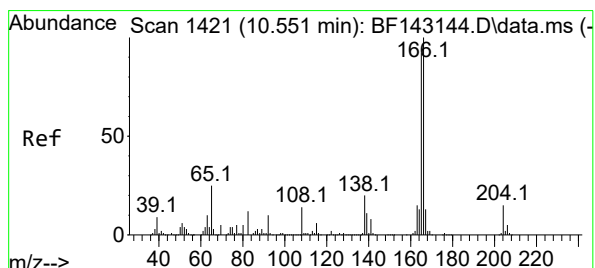
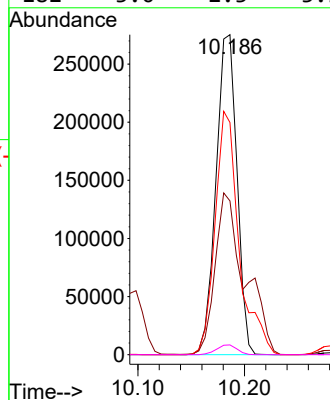
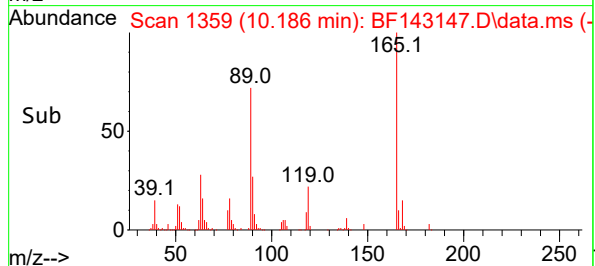
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



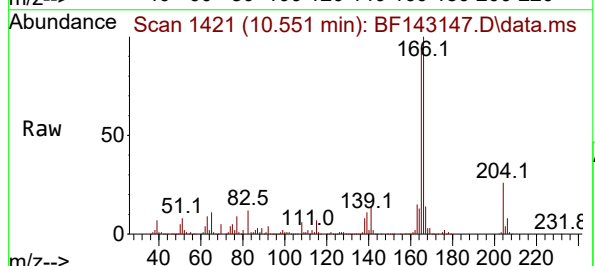
Tgt Ion:165 Resp: 376124
Ion Ratio Lower Upper
165 100
63 48.1 41.0 61.4
89 72.5 61.1 91.7
182 3.0 2.3 3.5

Manual Integrations
APPROVED

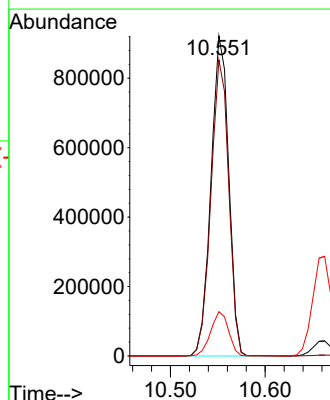
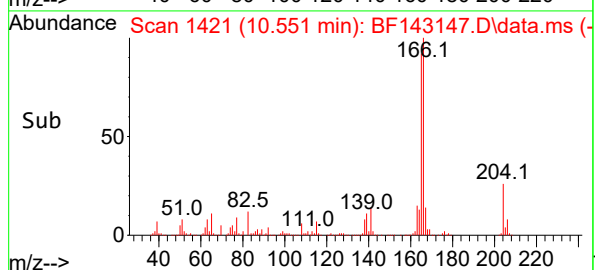
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

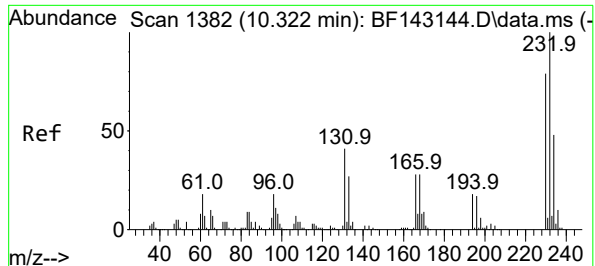


#58
Fluorene
Concen: 68.203 ng
RT: 10.551 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34



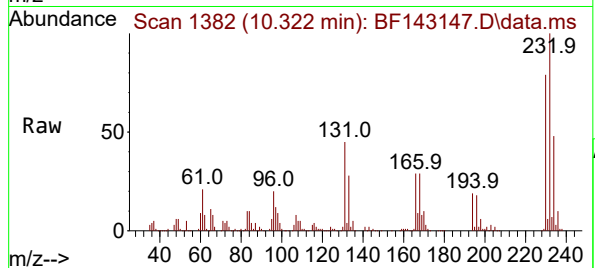
Tgt Ion:166 Resp: 1197731
Ion Ratio Lower Upper
166 100
165 92.5 73.7 110.5
167 13.8 10.6 16.0





#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

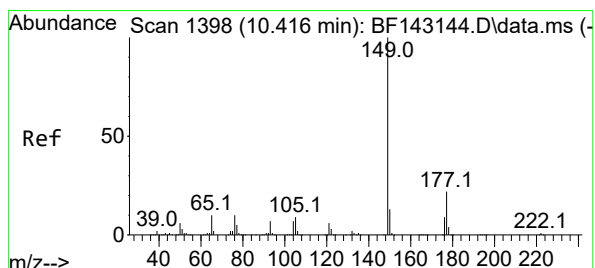
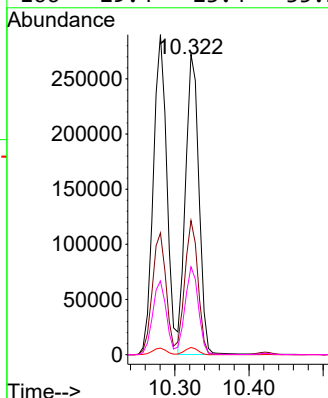
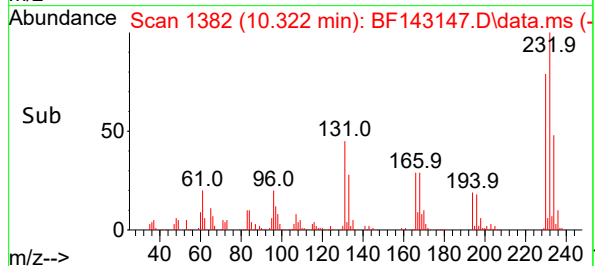
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



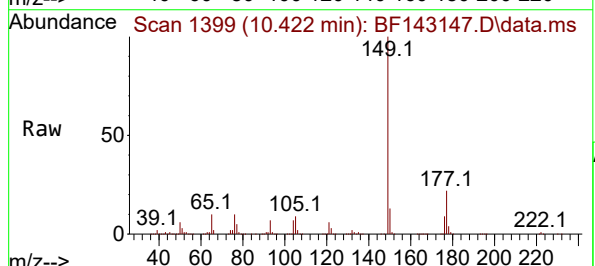
Tgt Ion:232 Resp: 340118
Ion Ratio Lower Upper
232 100
131 44.5 35.3 52.9
130 2.4 1.7 2.5
166 29.4 23.4 35.2

Manual Integrations
APPROVED

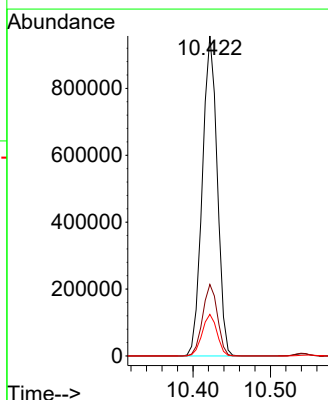
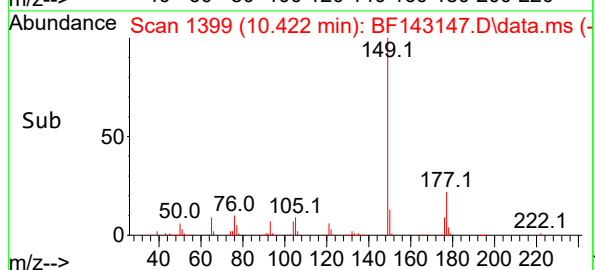
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

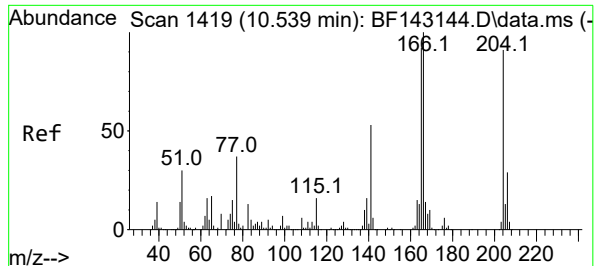


#60
Diethylphthalate
Concen: 71.870 ng
RT: 10.422 min Scan# 1399
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34



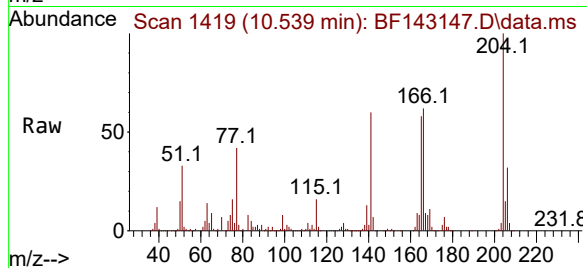
Tgt Ion:149 Resp: 1276217
Ion Ratio Lower Upper
149 100
177 22.4 17.5 26.3
150 13.0 10.2 15.2





#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

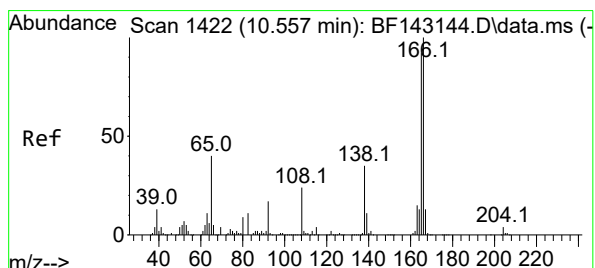
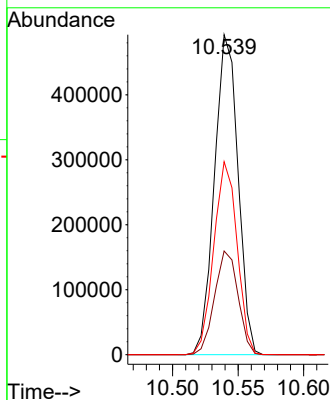
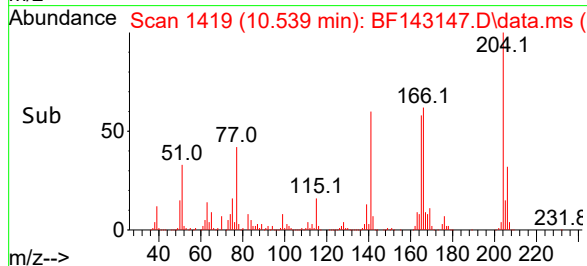
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



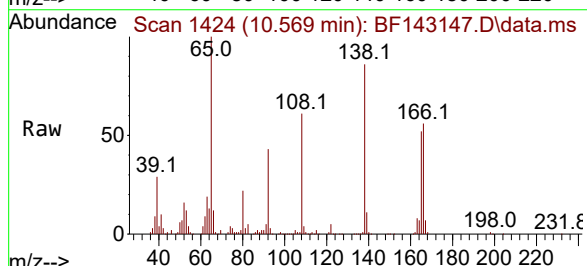
Tgt Ion:204 Resp: 614962
Ion Ratio Lower Upper
204 100
206 32.4 25.8 38.8
141 60.3 47.0 70.4

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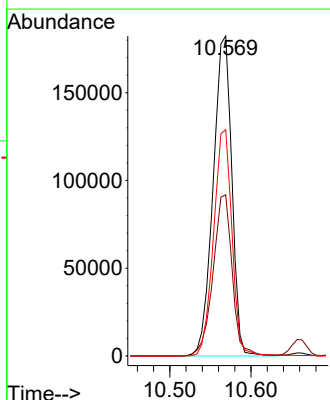
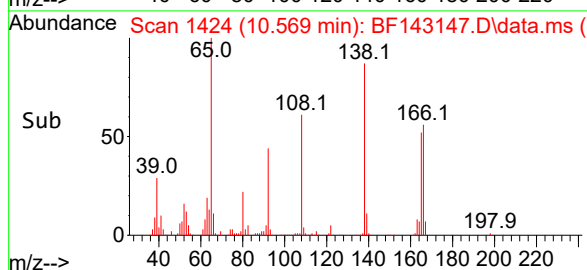
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

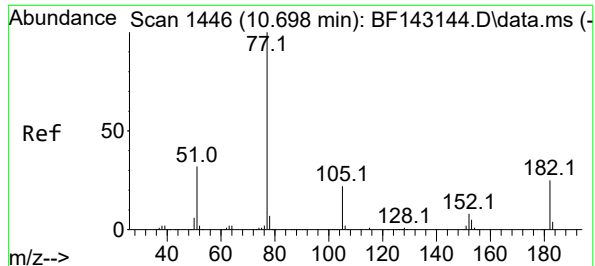


#62
4-Nitroaniline
Concen: 79.680 ng
RT: 10.569 min Scan# 1424
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34



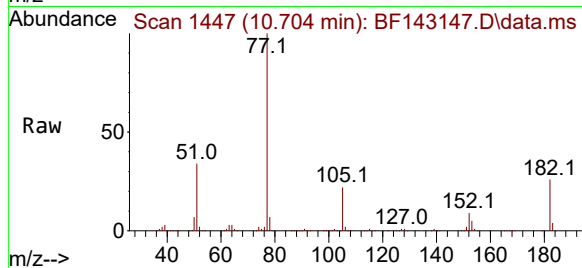
Tgt Ion:138 Resp: 291926
Ion Ratio Lower Upper
138 100
92 50.4 29.3 69.3
108 70.7 48.3 88.3





#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

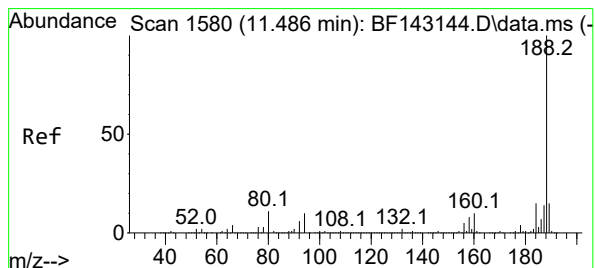
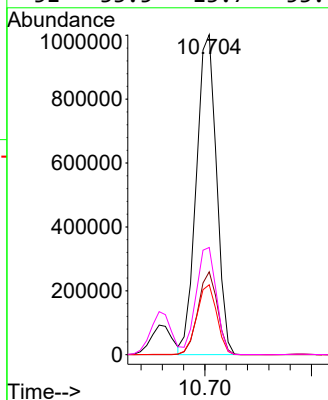
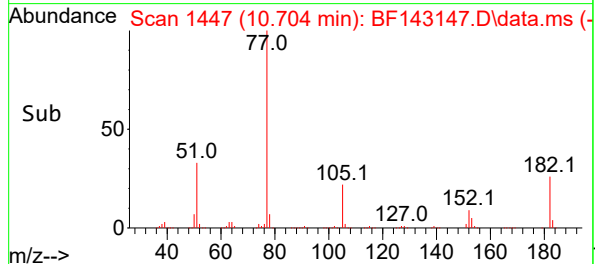
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



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

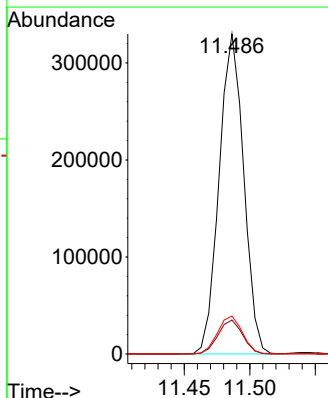
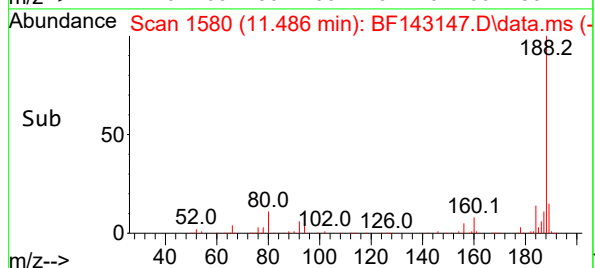
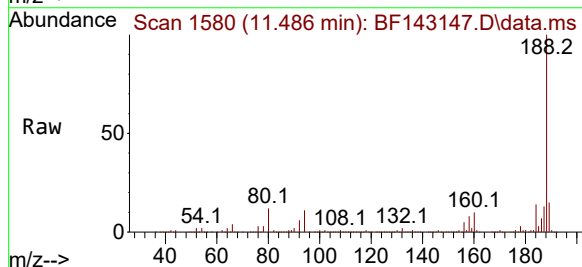
Manual Integrations
APPROVED

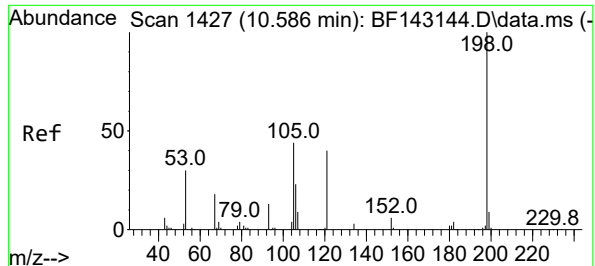
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

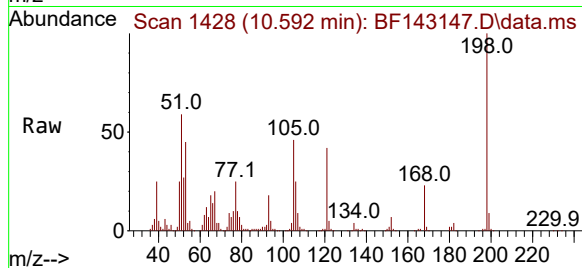
Tgt Ion:188 Resp: 429046
Ion Ratio Lower Upper
188 100
94 10.6 8.3 12.5
80 11.8 9.0 13.6





#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

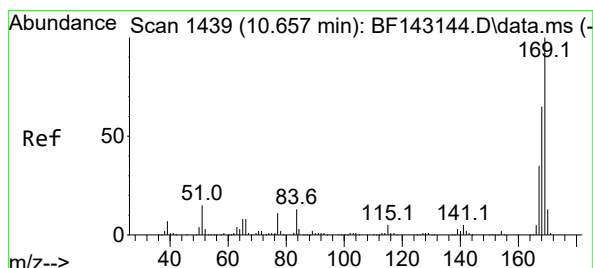
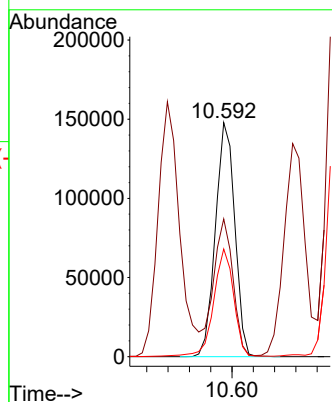
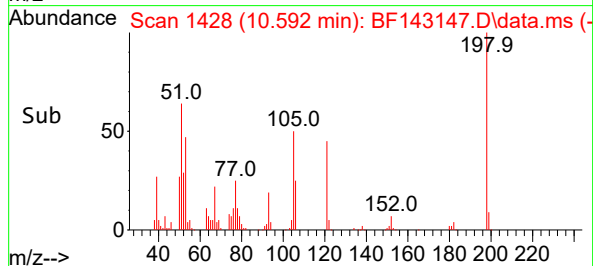
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



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

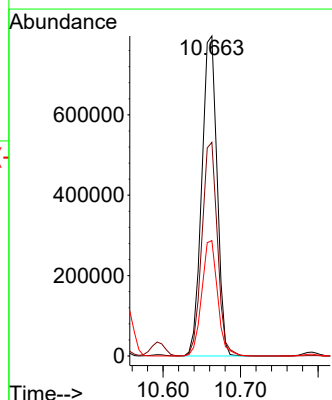
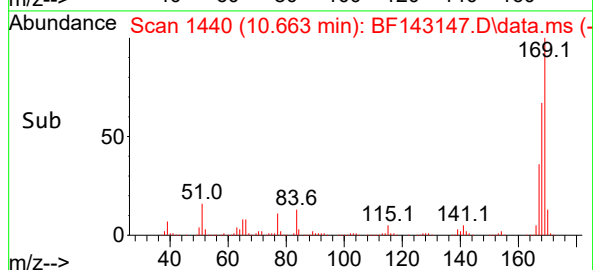
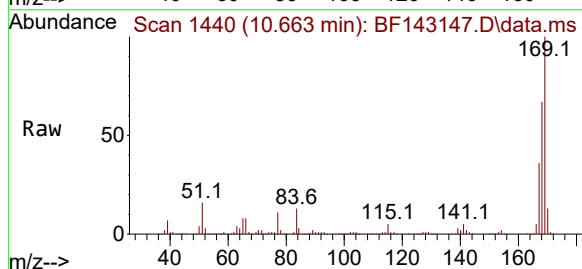
Manual Integrations
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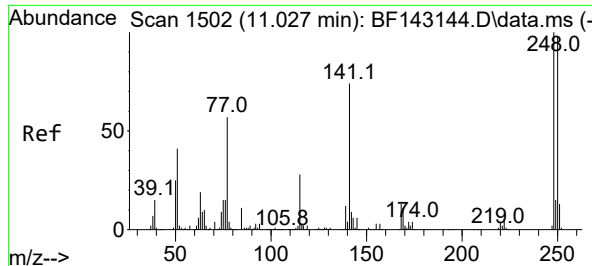
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

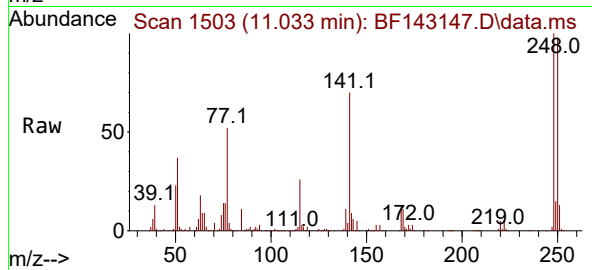
Tgt Ion:169 Resp: 1087990
Ion Ratio Lower Upper
169 100
168 66.8 52.1 78.1
167 36.1 28.2 42.2





#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

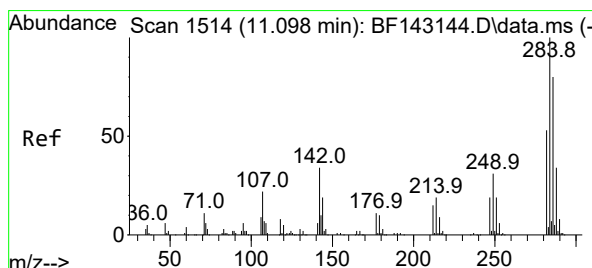
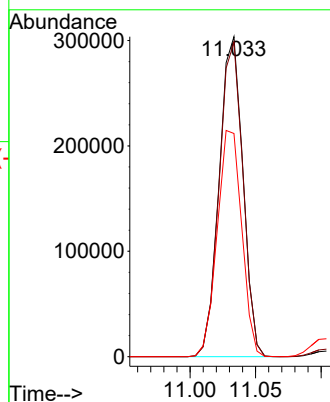
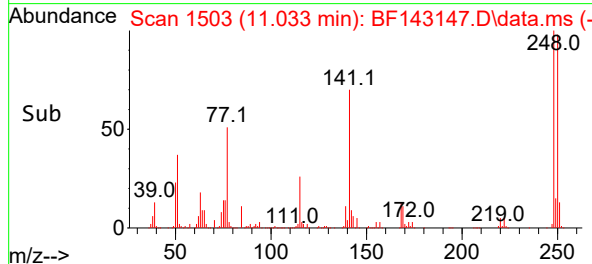
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



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

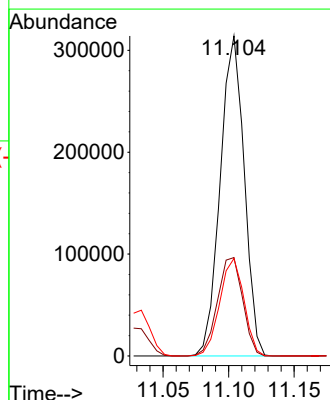
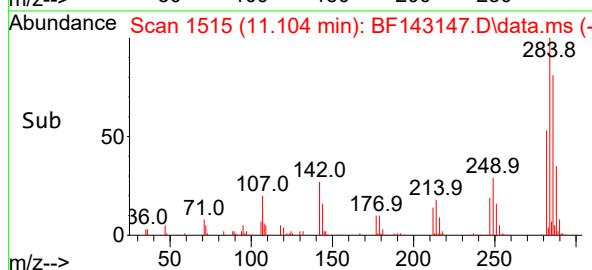
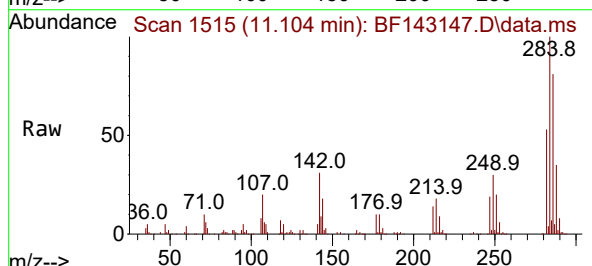
Manual Integrations
APPROVED

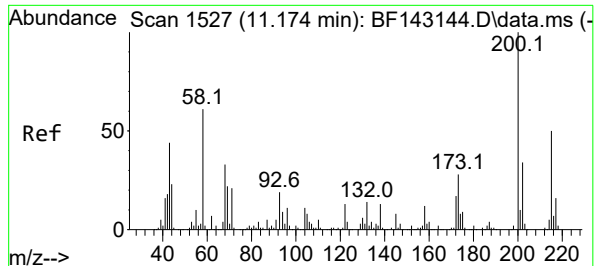
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

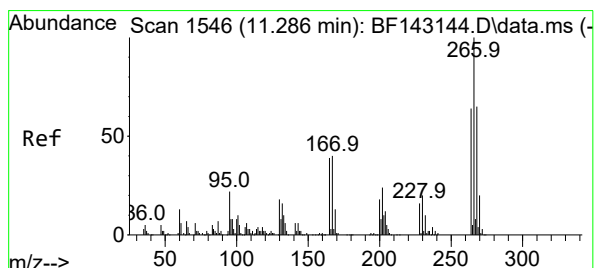
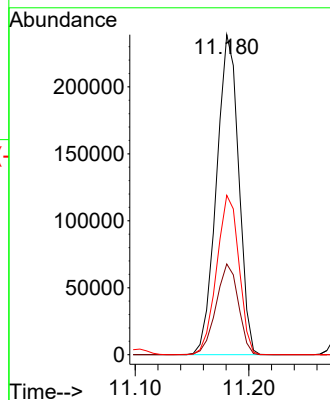
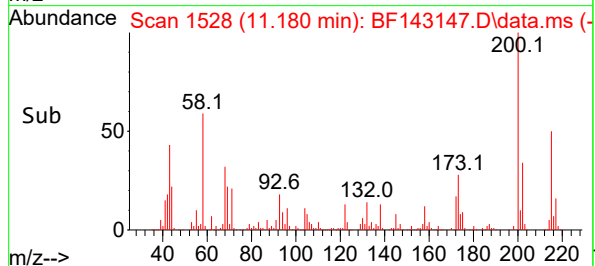
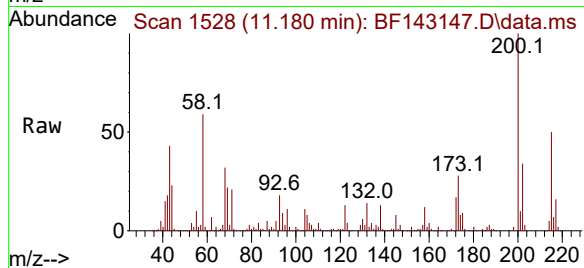
215 49.8 30.1 70.1

Manual Integrations

APPROVED

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

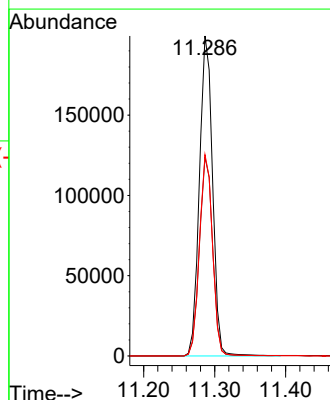
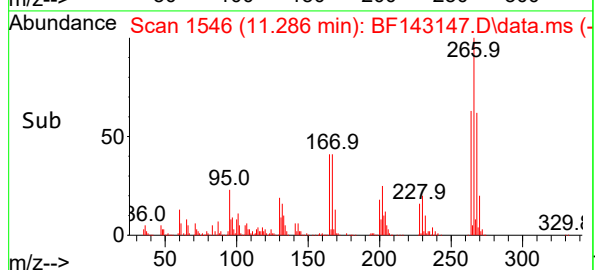
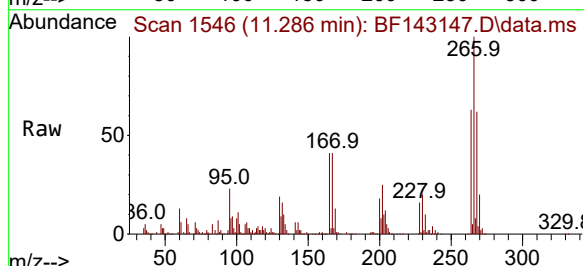
Tgt Ion:266 Resp: 257176

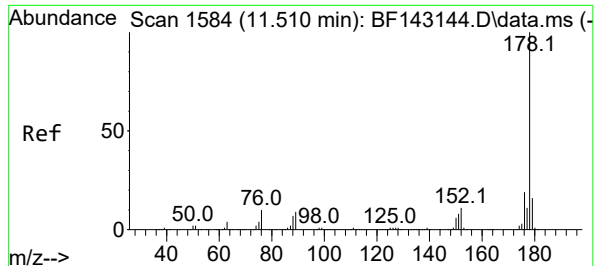
Ion Ratio Lower Upper

266 100

268 62.2 51.9 77.9

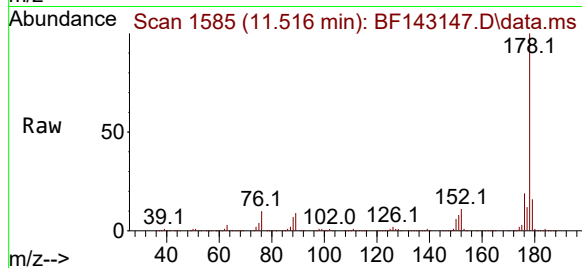
264 62.9 51.0 76.6





#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

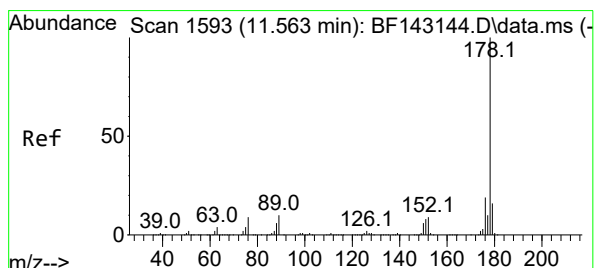
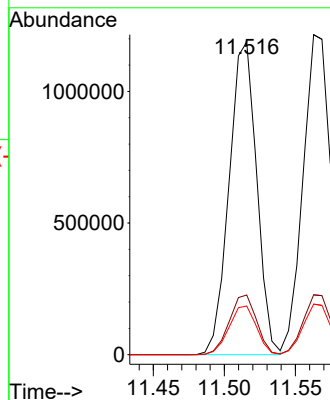
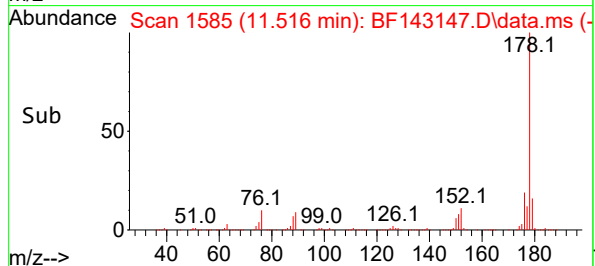
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



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

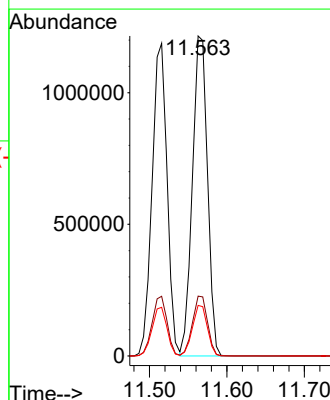
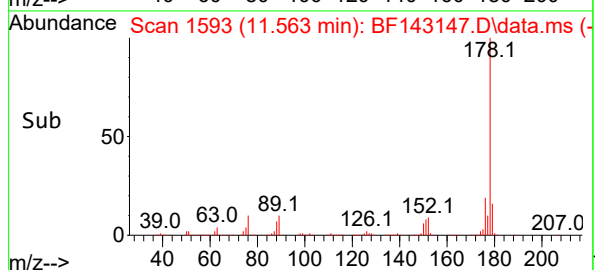
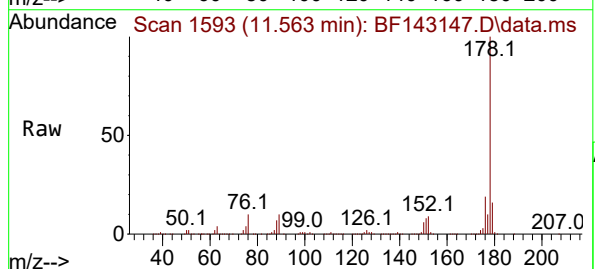
Manual Integrations
APPROVED

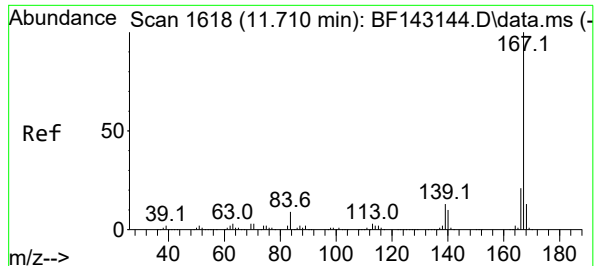
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

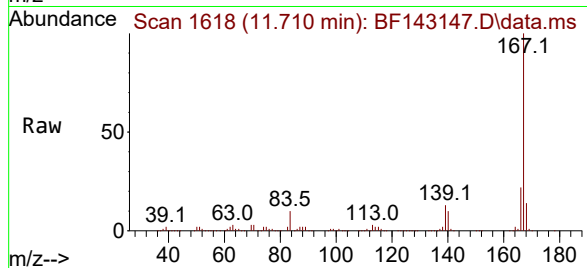
Tgt Ion:178 Resp: 1641264
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.8 12.5 18.7





#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

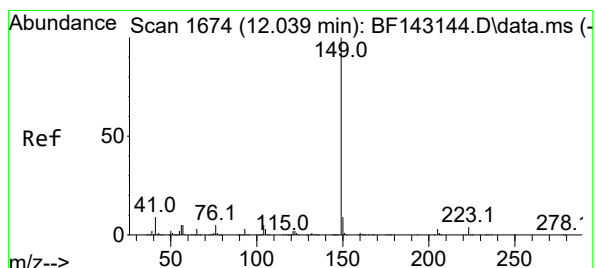
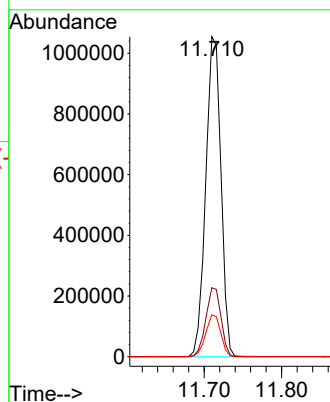
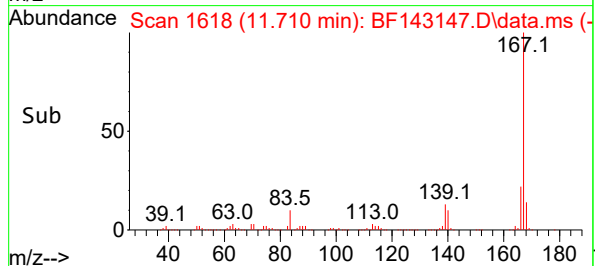
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



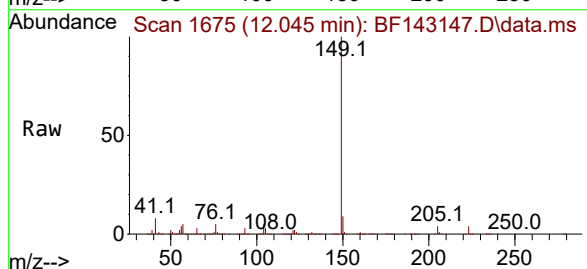
Tgt Ion:167 Resp: 143544
Ion Ratio Lower Upper
167 100
166 21.6 17.0 25.6
139 13.1 10.0 15.0

Manual Integrations
APPROVED

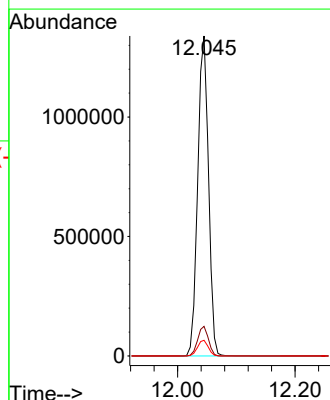
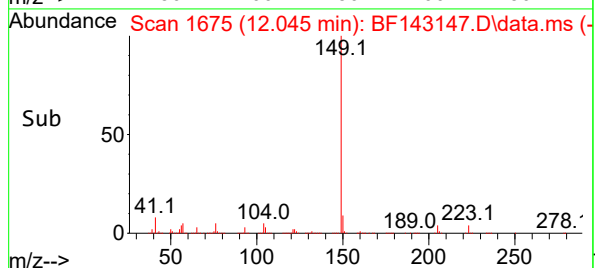
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

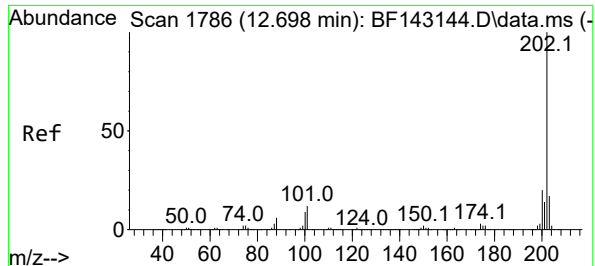


#74
Di-n-butylphthalate
Concen: 74.034 ng
RT: 12.045 min Scan# 1675
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34



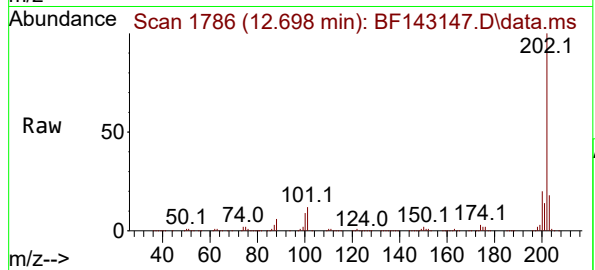
Tgt Ion:149 Resp: 1699503
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.2
104 4.9 3.8 5.8





#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

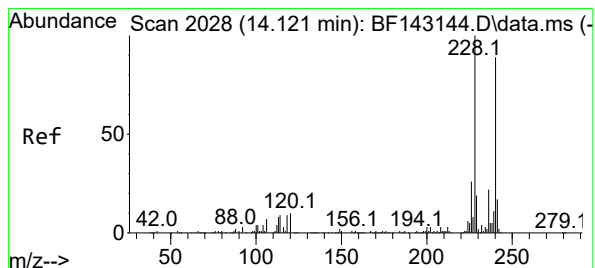
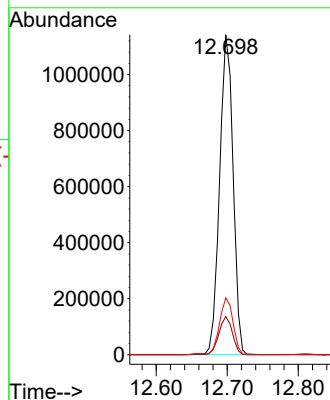
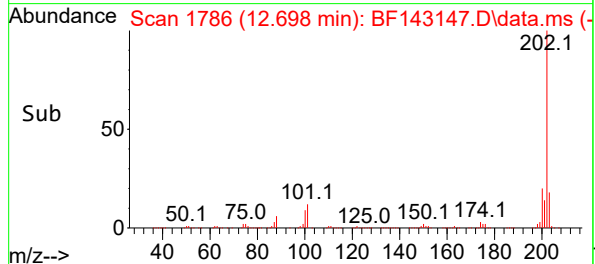
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



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

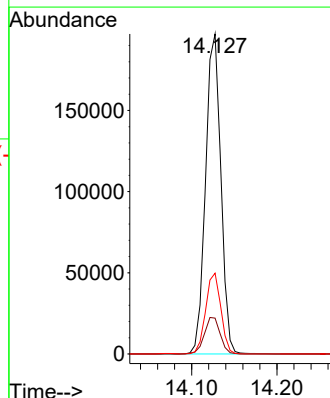
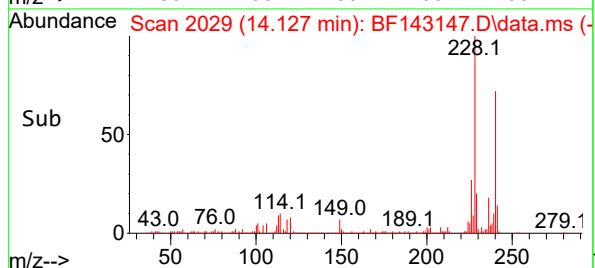
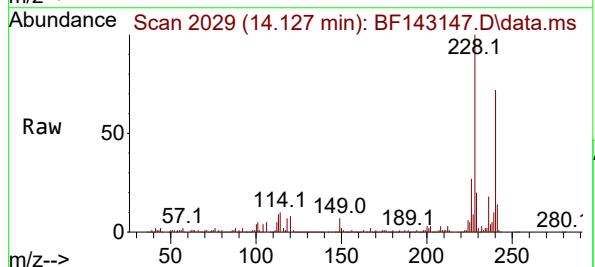
Manual Integrations
APPROVED

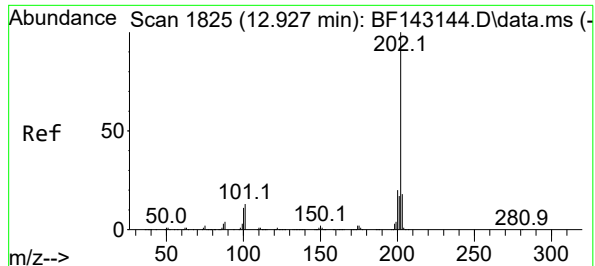
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

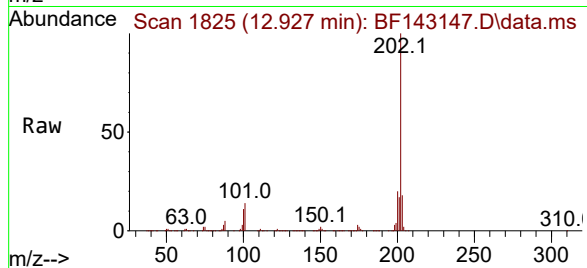
Tgt Ion:240 Resp: 245351
Ion Ratio Lower Upper
240 100
120 11.2 9.4 14.2
236 25.2 20.2 30.4





#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

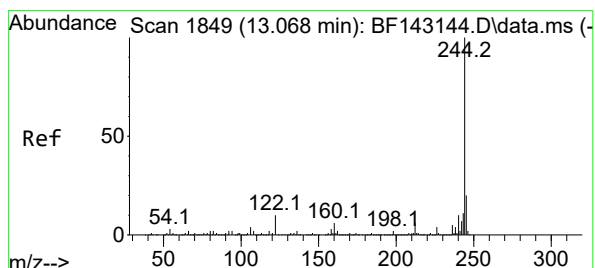
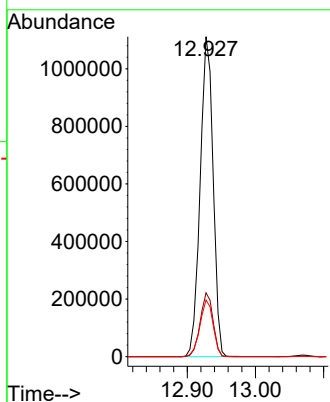
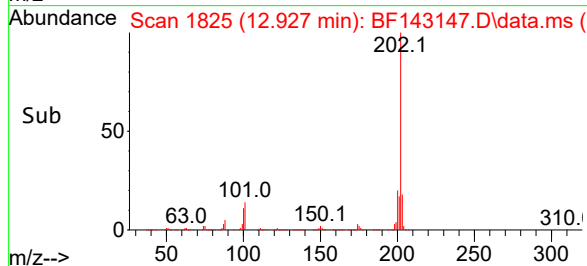
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



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

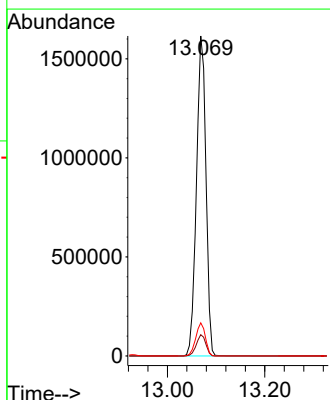
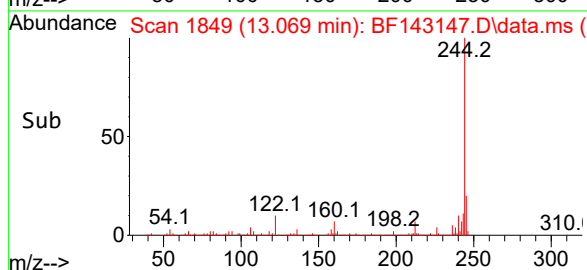
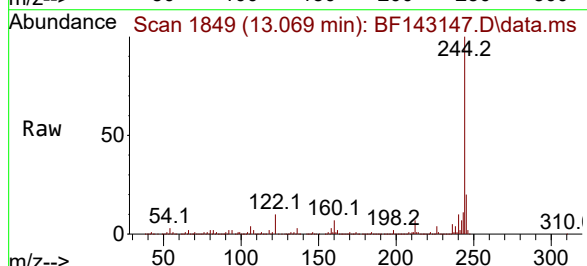
Manual Integrations
APPROVED

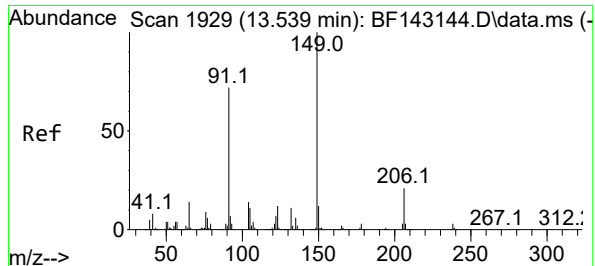
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

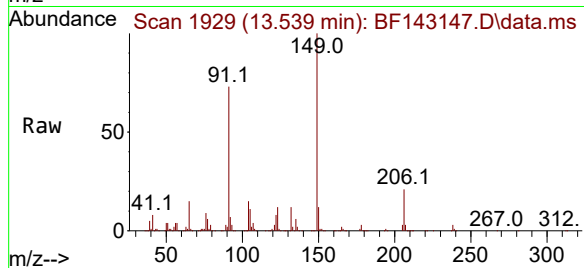
Tgt Ion:244 Resp: 2202828
Ion Ratio Lower Upper
244 100
212 6.6 5.2 7.8
122 10.4 8.2 12.2





#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

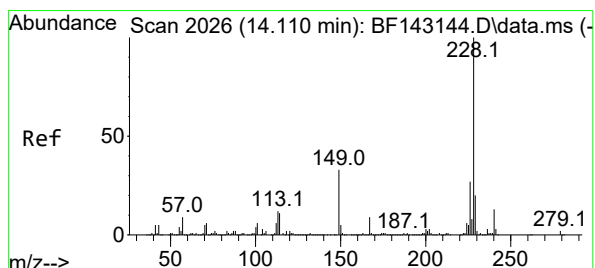
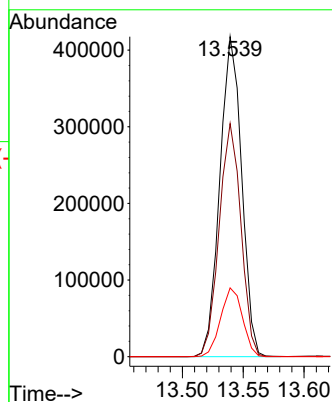
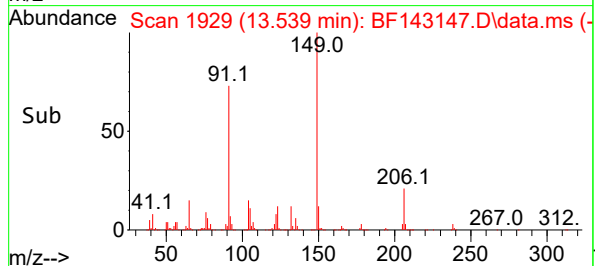
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:149 Resp: 521633
Ion Ratio Lower Upper
149 100
91 72.9 57.9 86.9
206 21.5 17.0 25.4

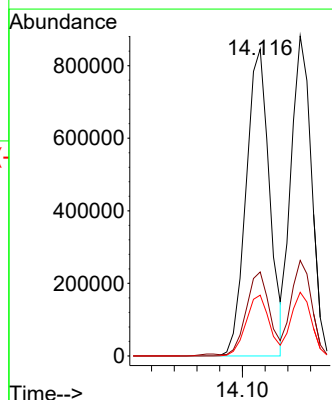
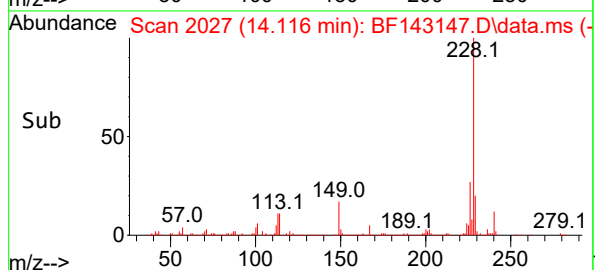
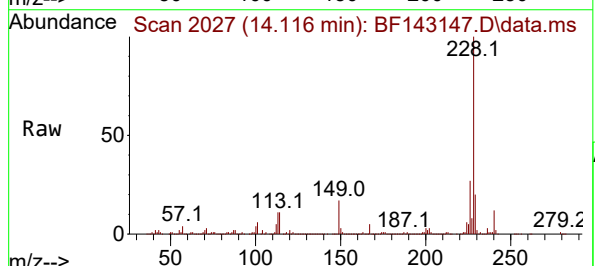
Manual Integrations
APPROVED

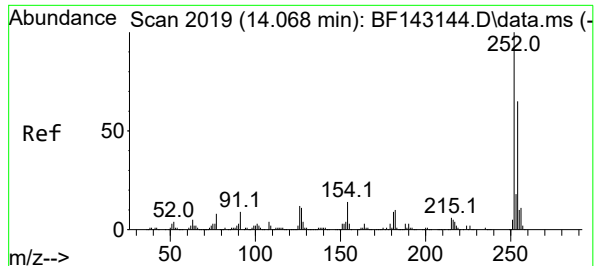
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

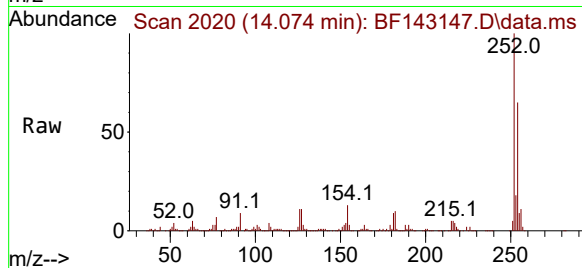
Tgt Ion:228 Resp: 1212056
Ion Ratio Lower Upper
228 100
226 27.4 21.7 32.5
229 19.8 15.8 23.6





#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

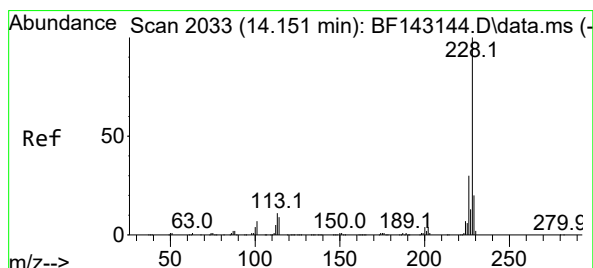
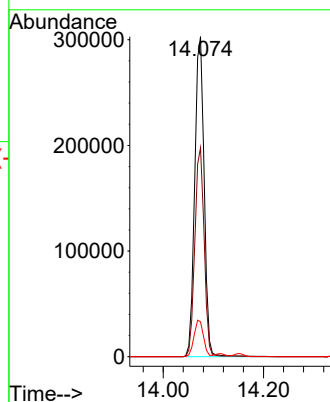
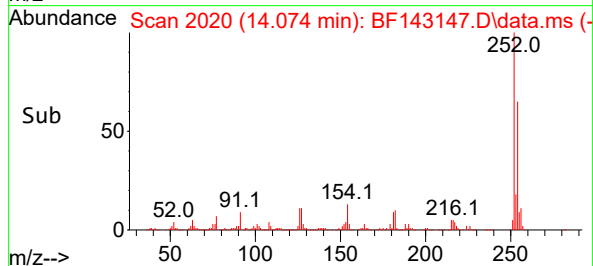
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



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

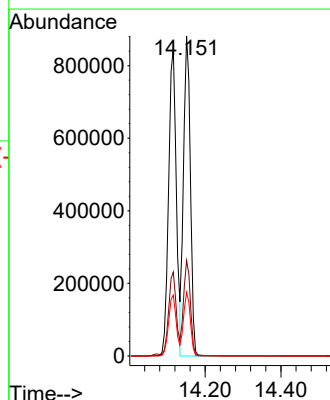
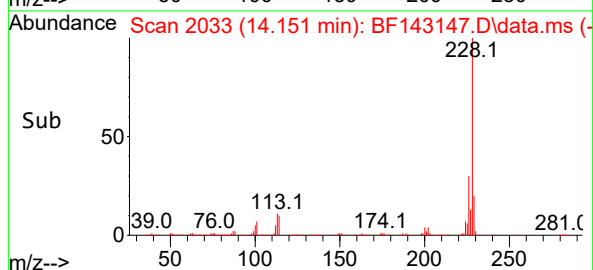
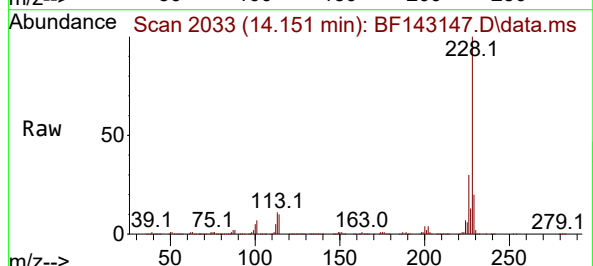
Manual Integrations
APPROVED

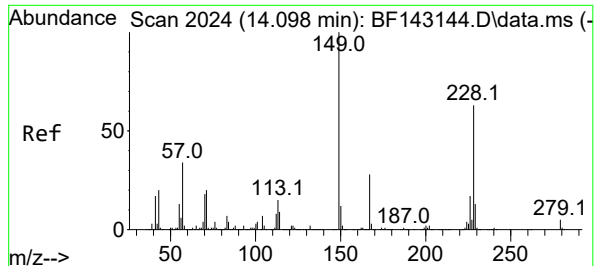
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

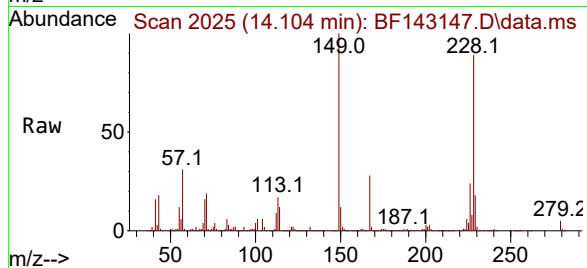
Tgt Ion:228 Resp: 1105636
Ion Ratio Lower Upper
228 100
226 29.8 23.8 35.8
229 19.9 15.6 23.4





#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

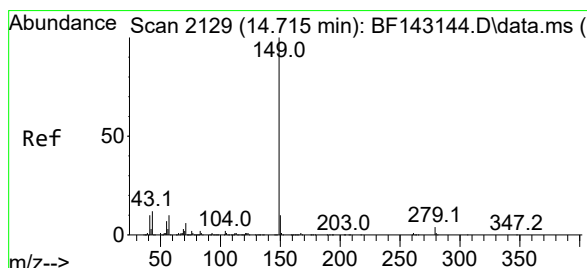
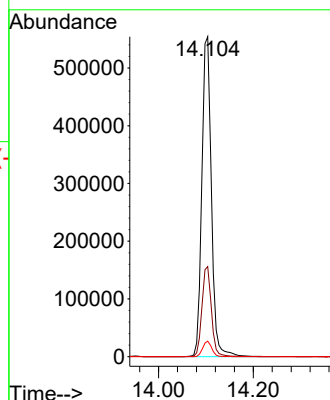
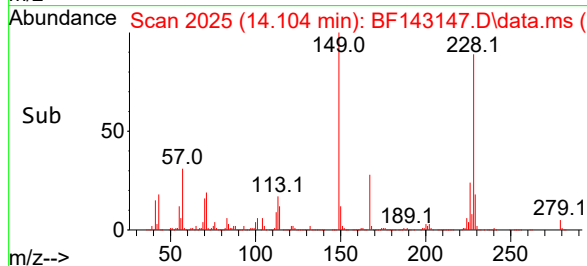
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



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

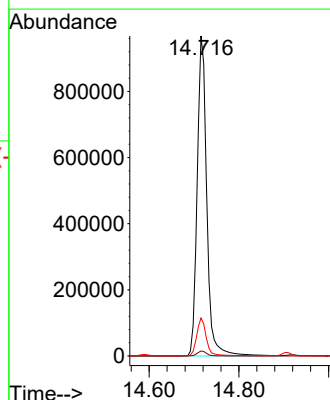
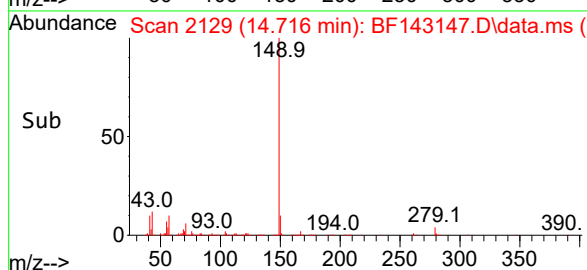
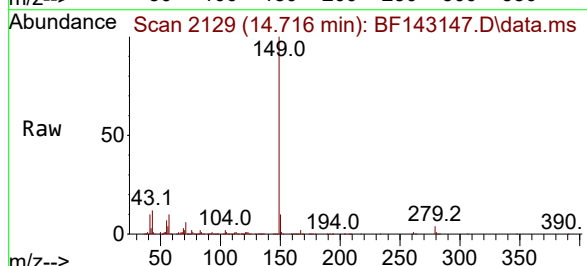
Manual Integrations
APPROVED

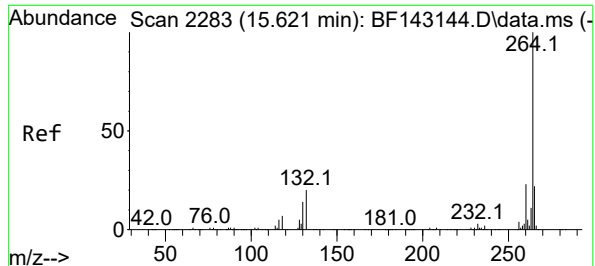
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

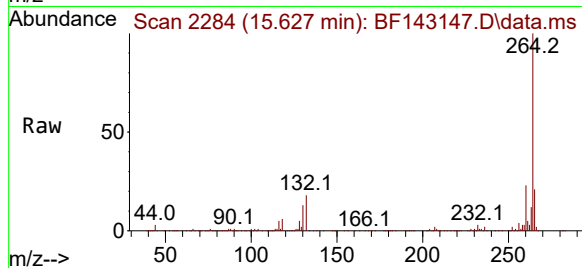
Tgt Ion:149 Resp: 1434055
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 11.9 9.7 14.5





#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

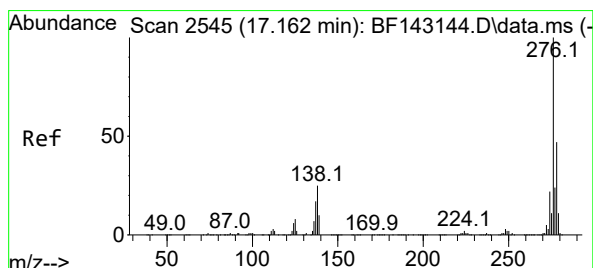
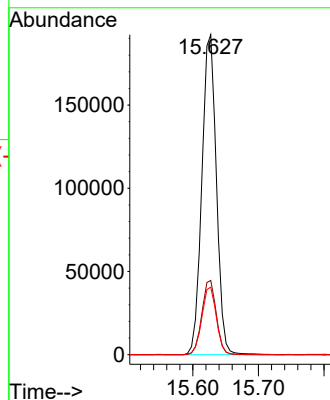
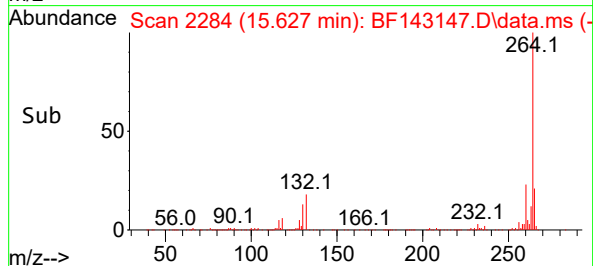
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



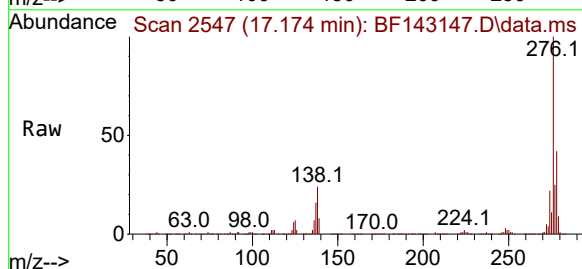
Tgt Ion:264 Resp: 29668
Ion Ratio Lower Upper
264 100
260 23.2 18.5 27.7
265 21.1 17.4 26.2

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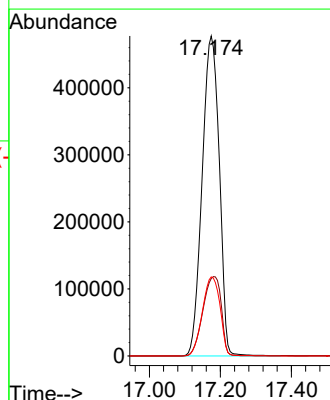
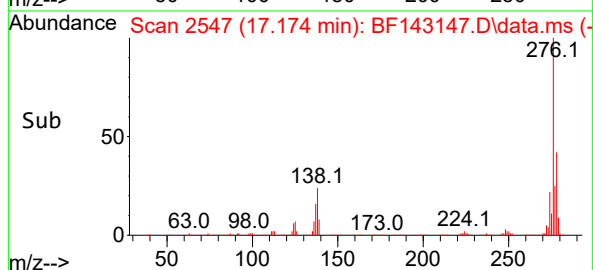
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

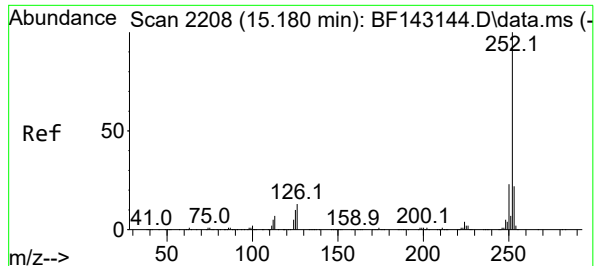


#87
Indeno(1,2,3-cd)pyrene
Concen: 76.718 ng
RT: 17.174 min Scan# 2547
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34



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

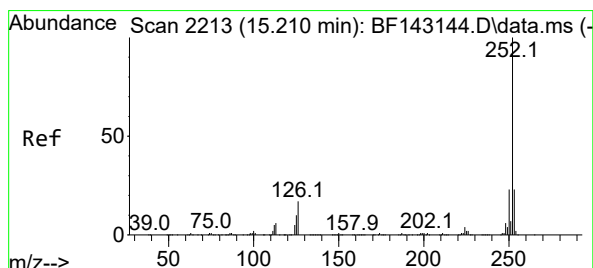
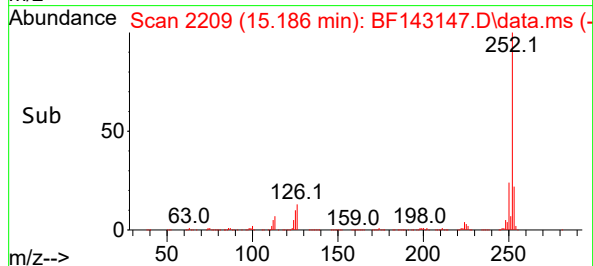
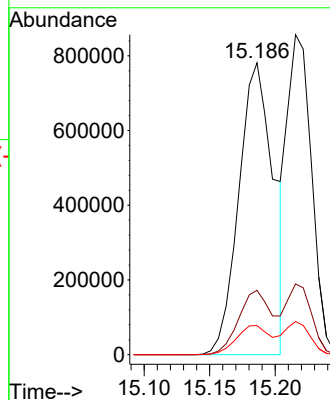
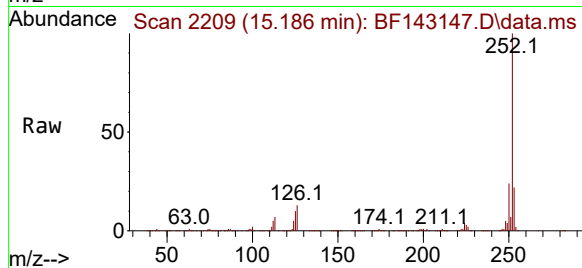
125 10.0 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#89

Benzo(k)fluoranthene

Concen: 68.737 ng

RT: 15.216 min Scan# 2214

Delta R.T. 0.006 min

Lab File: BF143147.D

Acq: 17 Jul 2025 14:34

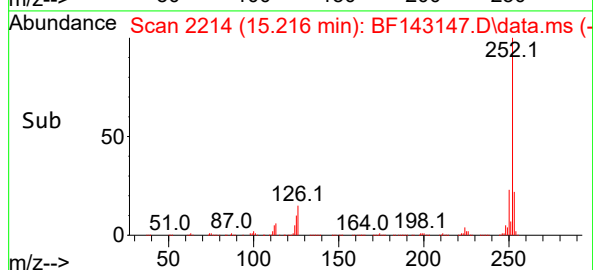
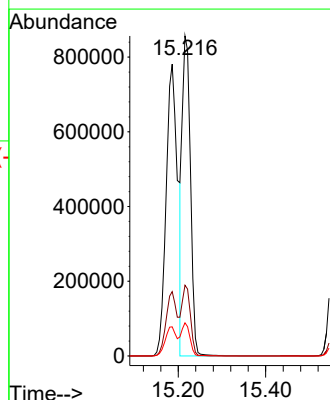
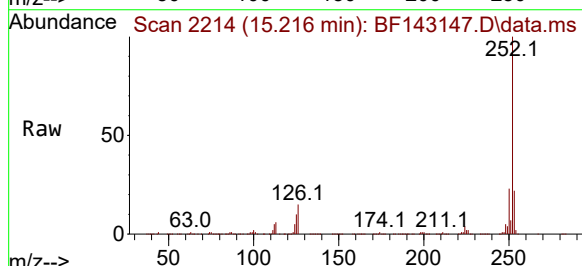
Tgt Ion:252 Resp: 1111726

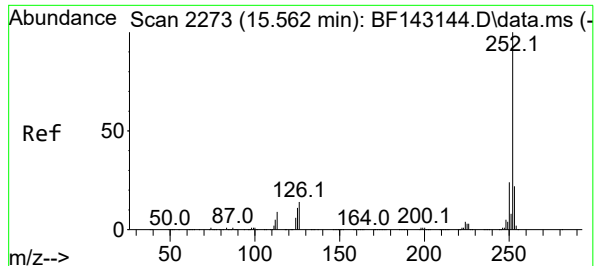
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

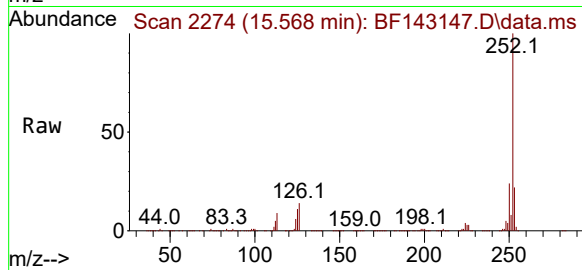
125 10.4 8.1 12.1





#90
Benzo(a)pyrene
Concen: 76.006 ng
RT: 15.568 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

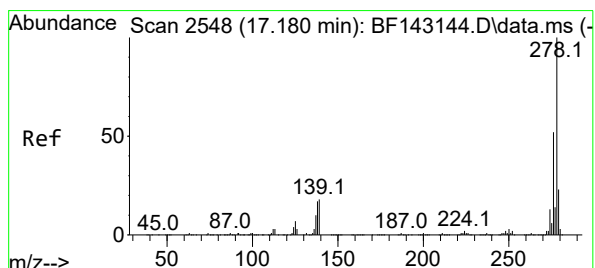
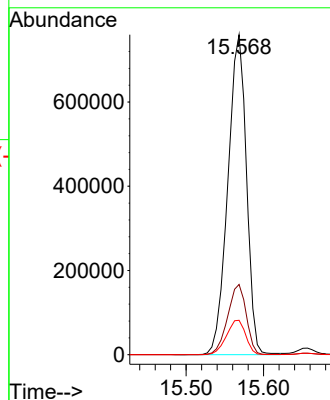
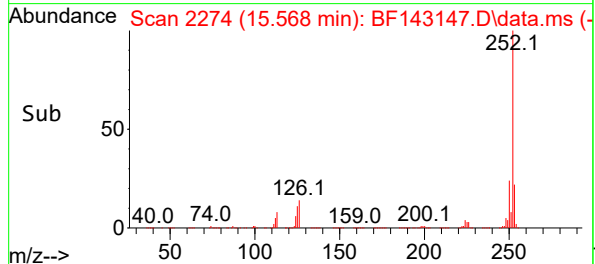
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



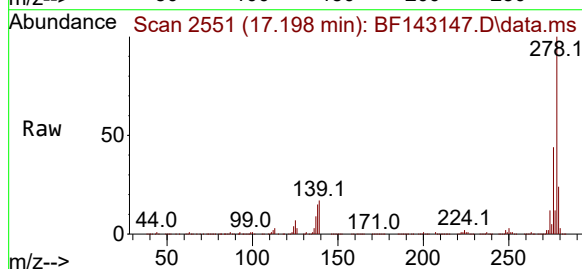
Tgt Ion:252 Resp: 126925
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 10.8 8.6 13.0

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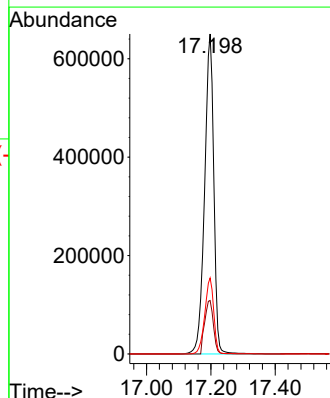
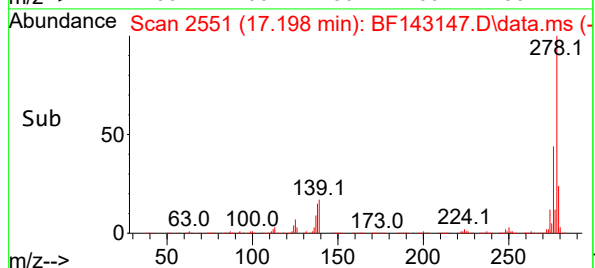
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

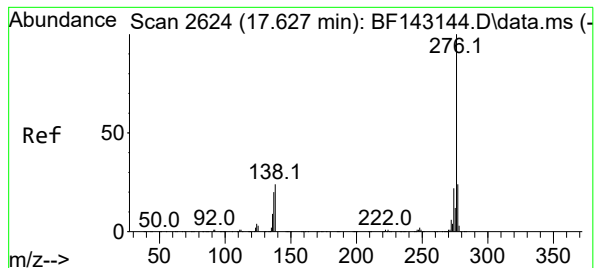


#91
Dibenzo(a,h)anthracene
Concen: 75.746 ng
RT: 17.198 min Scan# 2551
Delta R.T. 0.018 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34



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

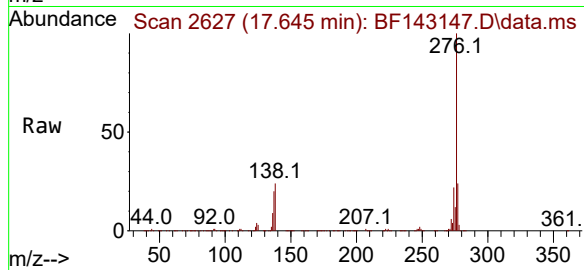
Acq: 17 Jul 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion:276 Resp: 1265778

Ion Ratio Lower Upper

276 100

277 24.0 19.1 28.7

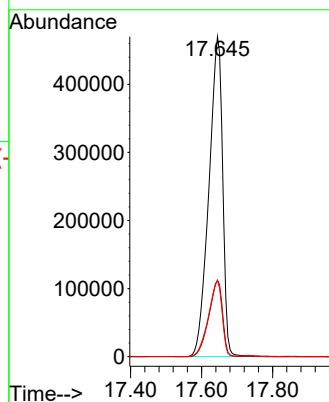
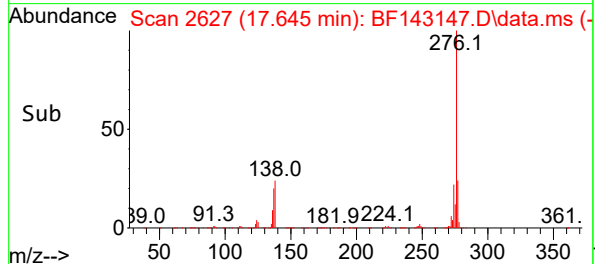
138 23.7 18.9 28.3

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

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025

Quant Time: Jul 17 16:24:49 2025

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

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Jul 17 15:14:05 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	143868	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	559677	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	287255	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	457098	20.000	ng	0.00
76) Chrysene-d12	14.121	240	265008	20.000	ng	0.00
86) Perylene-d12	15.621	264	310192	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	701339	77.143	ng	0.00
7) Phenol-d6	6.581	99	894087	78.133	ng	0.00
23) Nitrobenzene-d5	7.522	82	811178	72.247	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	237309	79.969	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1449098	68.992	ng	0.00
79) Terphenyl-d14	13.068	244	1234701	69.333	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.793	88	165605	38.496	ng	98
3) Pyridine	3.569	79	453367	40.604	ng	99
4) n-Nitrosodimethylamine	3.510	42	235215	40.802	ng	97
6) Aniline	6.622	93	655116	41.078	ng	99
8) 2-Chlorophenol	6.745	128	395767	41.530	ng	99
9) Benzaldehyde	6.510	77	321269	37.441	ng	98
10) Phenol	6.598	94	508952m	40.827	ng	
11) bis(2-Chloroethyl)ether	6.692	93	387791	40.628	ng	100
12) 1,3-Dichlorobenzene	6.904	146	418232	40.400	ng	99
13) 1,4-Dichlorobenzene	6.981	146	424629	40.731	ng	99
14) 1,2-Dichlorobenzene	7.134	146	411560	41.506	ng	99
15) Benzyl Alcohol	7.098	79	366608	41.958	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.234	45	732274	41.357	ng	100
17) 2-Methylphenol	7.204	107	331709	41.398	ng	99
18) Hexachloroethane	7.481	117	151232	41.903	ng	98
19) n-Nitroso-di-n-propyla...	7.375	70	296171	40.342	ng	100
20) 3+4-Methylphenols	7.357	107	412065	42.387	ng	98
22) Acetophenone	7.369	105	533464	40.260	ng	99
24) Nitrobenzene	7.539	77	436834	41.731	ng	98
25) Isophorone	7.781	82	804071	40.567	ng	99
26) 2-Nitrophenol	7.857	139	203967	44.896	ng	100
27) 2,4-Dimethylphenol	7.886	122	377575	40.773	ng	100
28) bis(2-Chloroethoxy)met...	7.986	93	474637	39.939	ng	99
29) 2,4-Dichlorophenol	8.092	162	319216	40.875	ng	98
30) 1,2,4-Trichlorobenzene	8.186	180	342135	40.551	ng	99
31) Naphthalene	8.269	128	1106482	40.143	ng	100
32) Benzoic acid	7.986	122	202337	39.782	ng	98
33) 4-Chloroaniline	8.310	127	457742	40.671	ng	99
34) Hexachlorobutadiene	8.386	225	212781	41.284	ng	100
35) Caprolactam	8.675	113	96661	40.959	ng	98
36) 4-Chloro-3-methylphenol	8.780	107	344726	40.611	ng	99
37) 2-Methylnaphthalene	8.957	142	675594	40.279	ng	100
38) 1-Methylnaphthalene	9.057	142	703170	40.712	ng	100
40) 1,2,4,5-Tetrachloroben...	9.122	216	339567	40.944	ng	98
41) Hexachlorocyclopentadiene	9.116	237	231349	42.872	ng	99
43) 2,4,6-Trichlorophenol	9.228	196	231043	40.253	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
 Data File : BF143148.D
 Acq On : 17 Jul 2025 15:06
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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

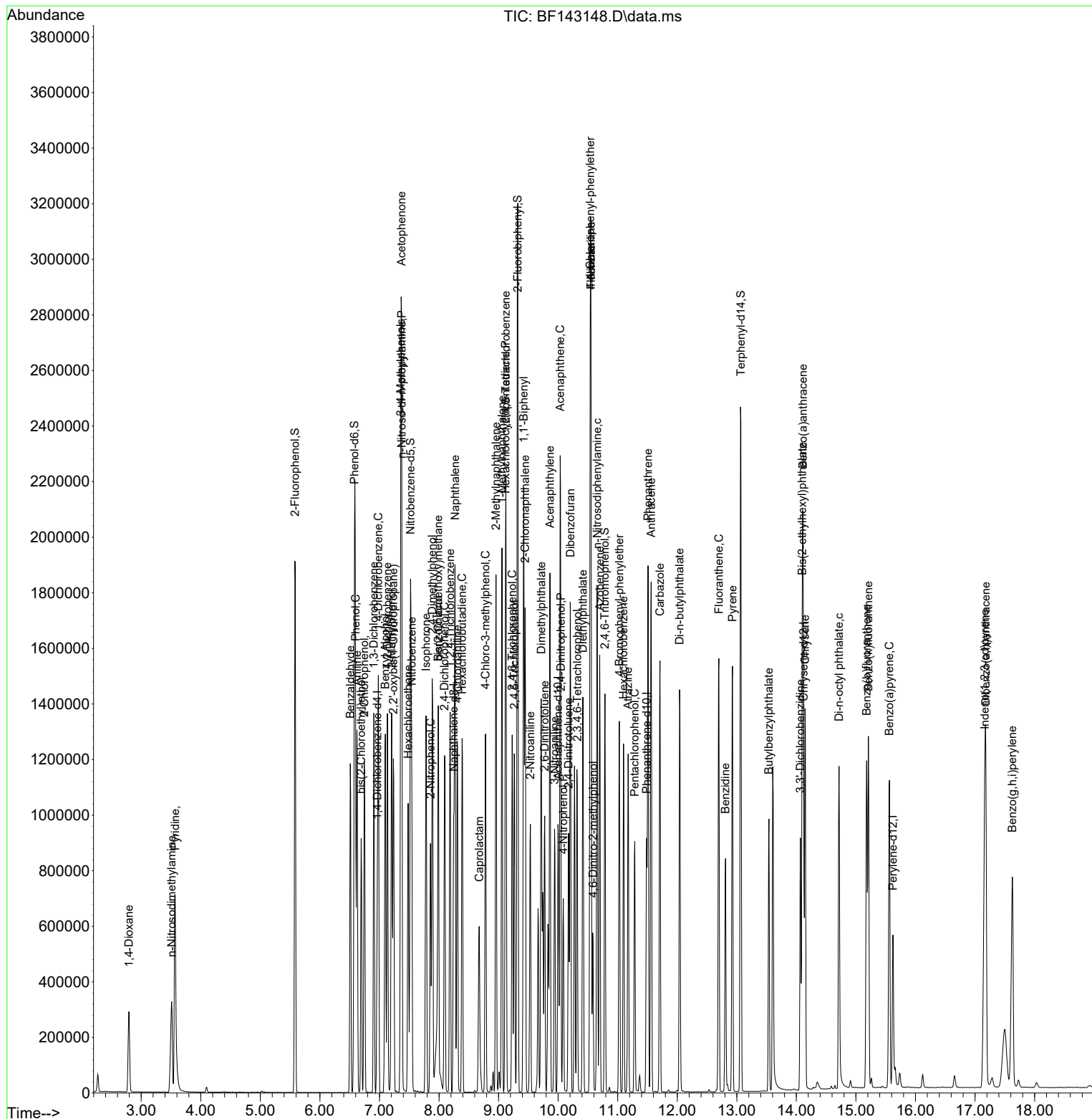
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Data File : BF143148.D
Acq On : 17 Jul 2025 15:06
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

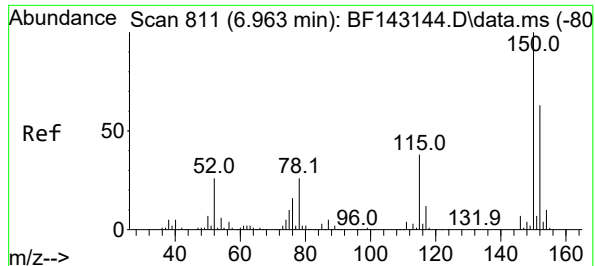
Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations APPROVED

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

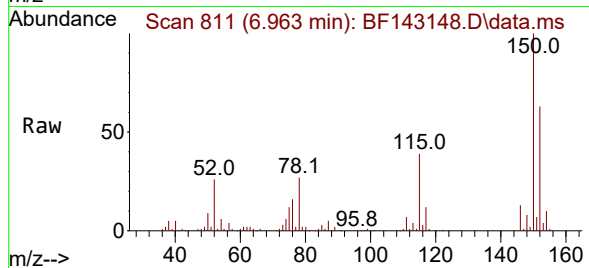
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration





#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

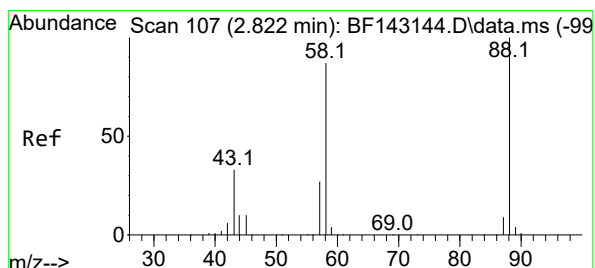
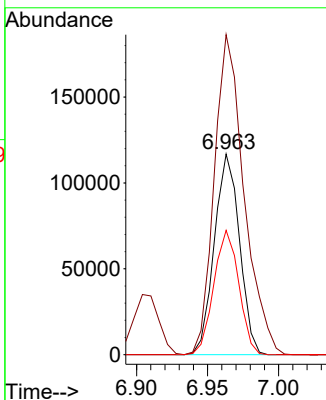
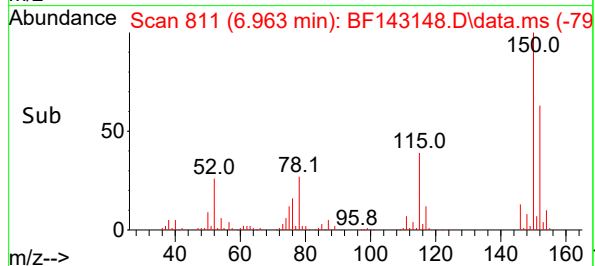
Instrument :
BNA_F
ClientSampleId :
ICVBF071725



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

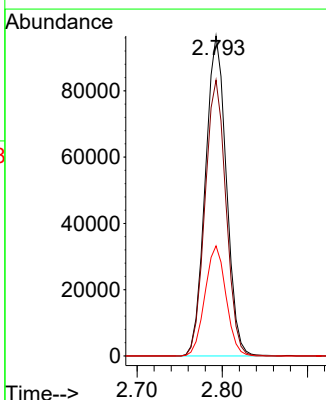
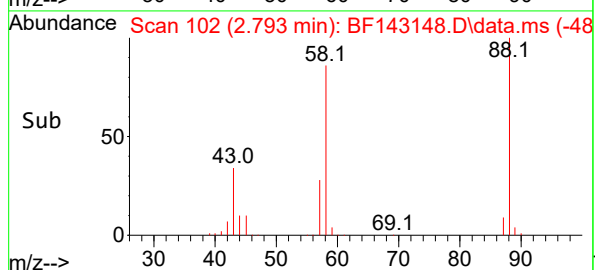
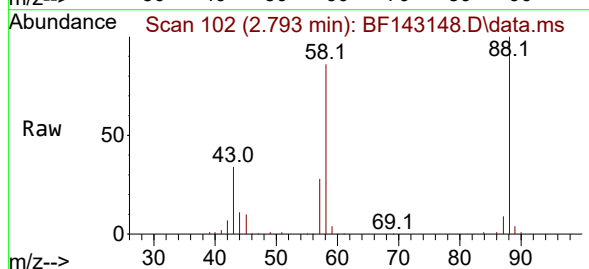
Manual Integrations
APPROVED

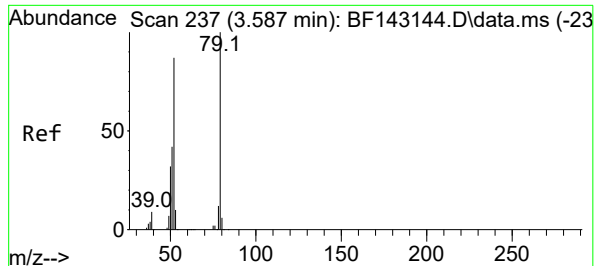
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#2
1,4-Dioxane
Concen: 38.496 ng
RT: 2.793 min Scan# 102
Delta R.T. -0.029 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 88 Resp: 165605
Ion Ratio Lower Upper
88 100
58 86.0 70.2 105.2
43 34.4 27.1 40.7





#3

Pyridine

Concen: 40.604 ng

RT: 3.569 min Scan# 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

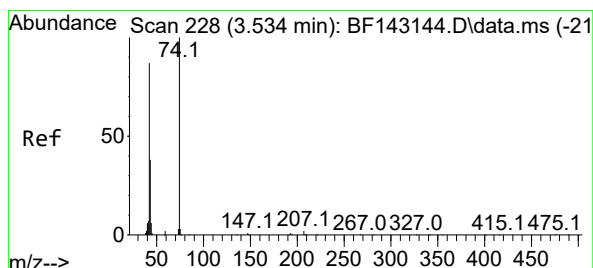
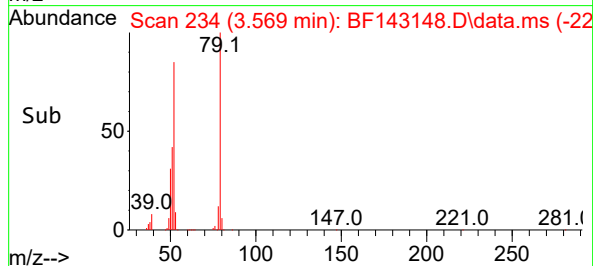
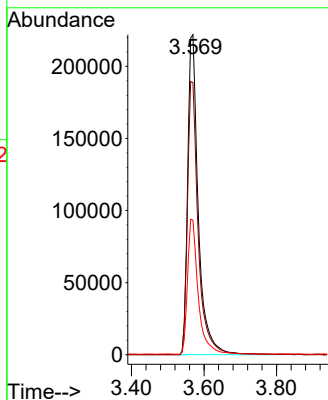
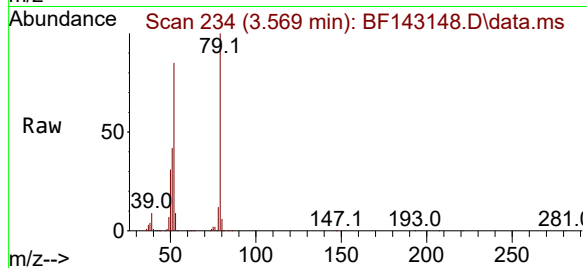
51 42.0 33.5 50.3

Manual Integrations

APPROVED

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

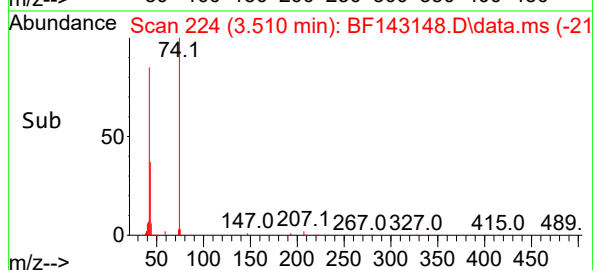
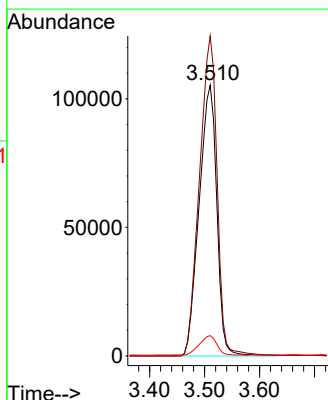
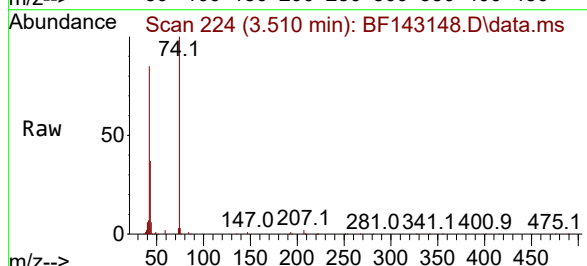
Tgt Ion: 42 Resp: 235215

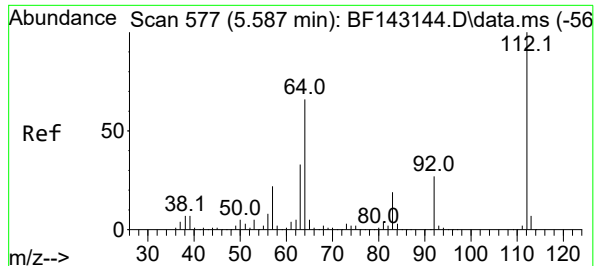
Ion Ratio Lower Upper

42 100

74 118.1 91.7 137.5

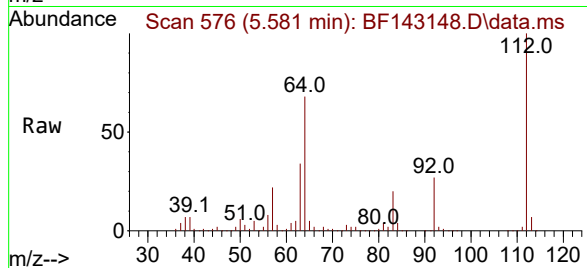
44 7.5 5.6 8.4





#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

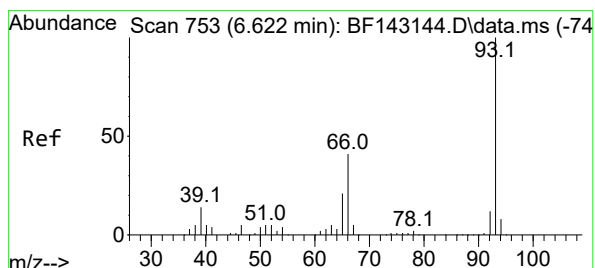
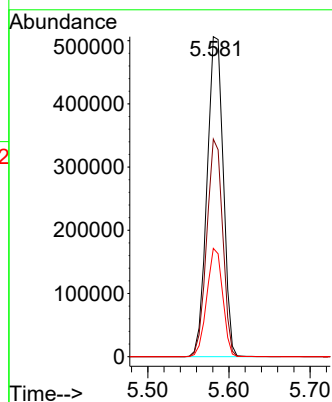
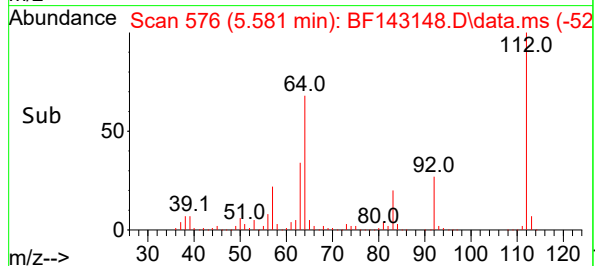
Instrument :
BNA_F
ClientSampleId :
ICVBF071725



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

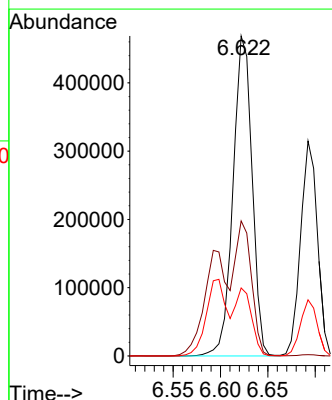
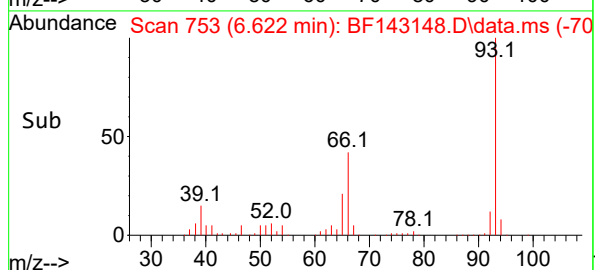
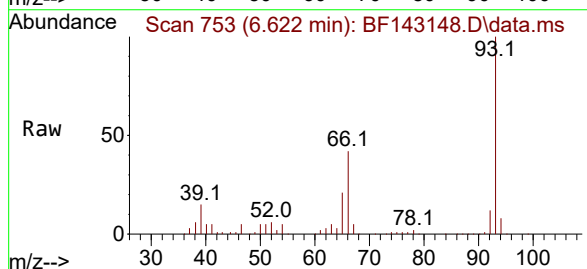
Manual Integrations
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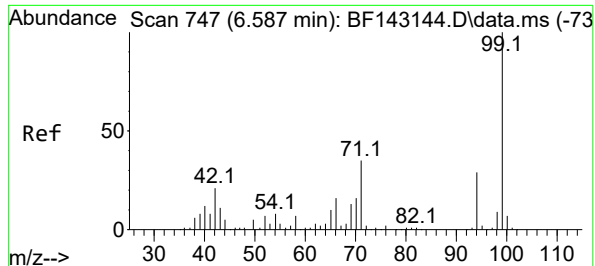
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

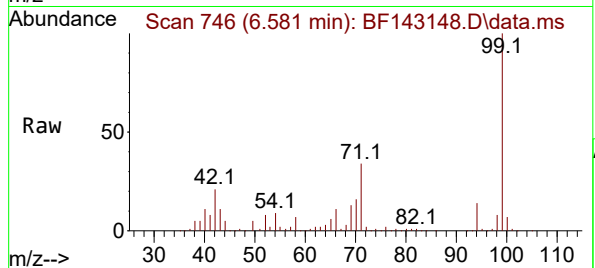
Tgt Ion: 93 Resp: 655116
Ion Ratio Lower Upper
93 100
66 42.2 33.2 49.8
65 21.3 16.9 25.3





#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

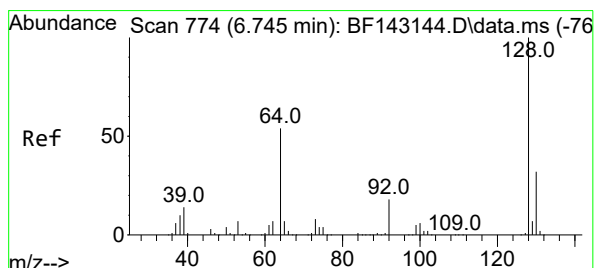
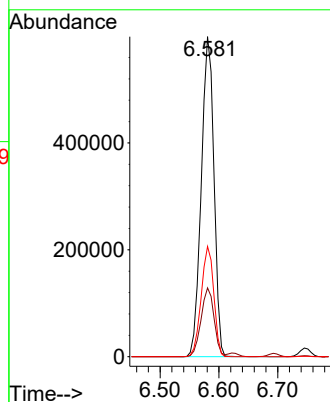
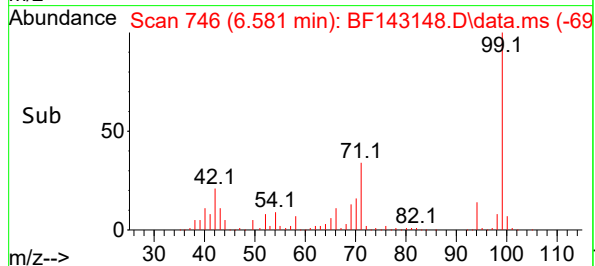
Instrument :
BNA_F
ClientSampleId :
ICVBF071725



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

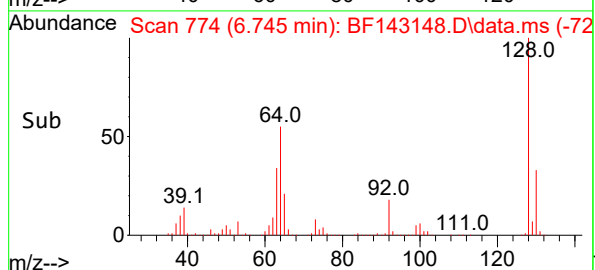
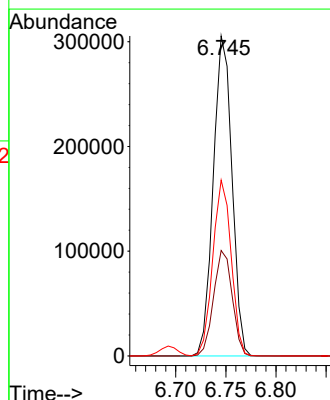
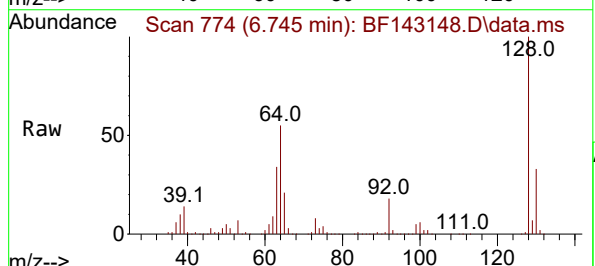
Manual Integrations
APPROVED

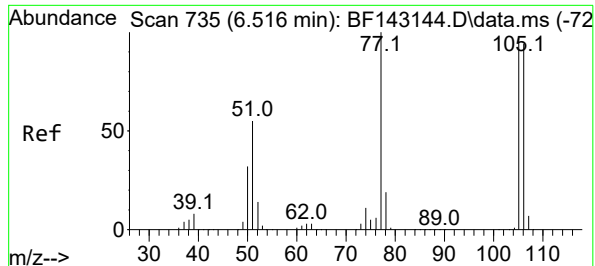
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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# 735

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

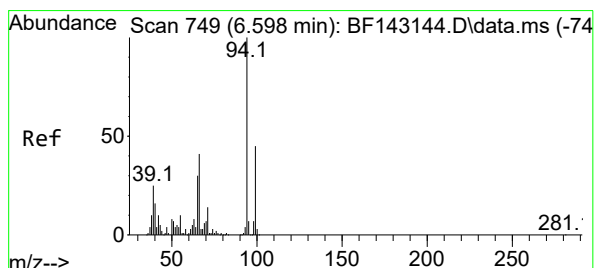
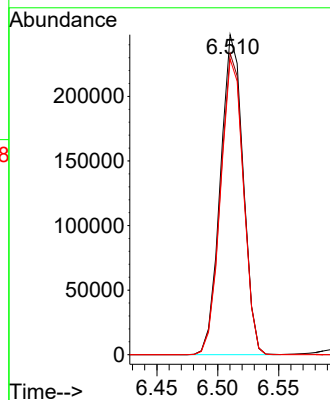
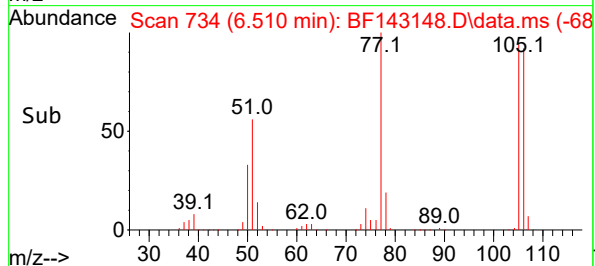
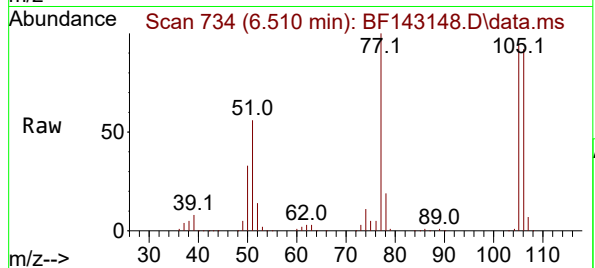
106 92.4 74.4 114.4

Manual Integrations

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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

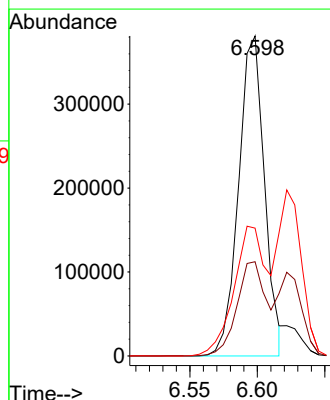
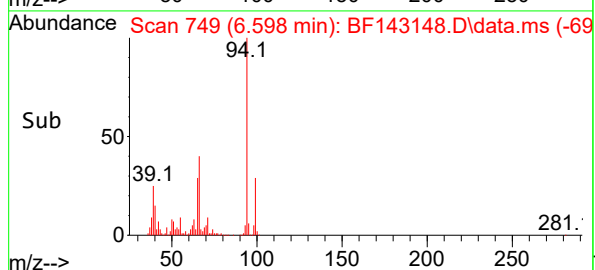
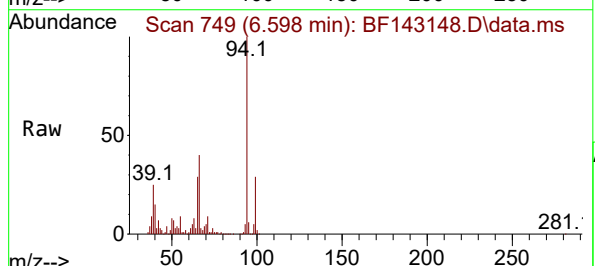
Tgt Ion: 94 Resp: 508952

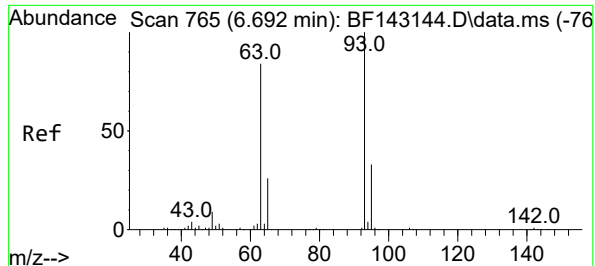
Ion Ratio Lower Upper

94 100

65 29.4 10.0 50.0

66 40.0 20.8 60.8





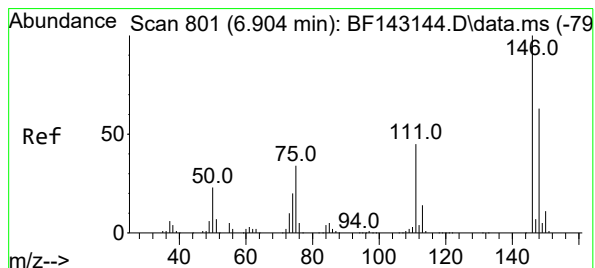
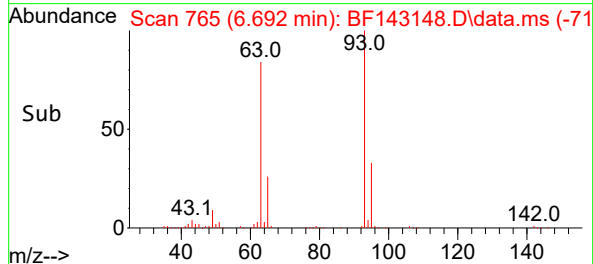
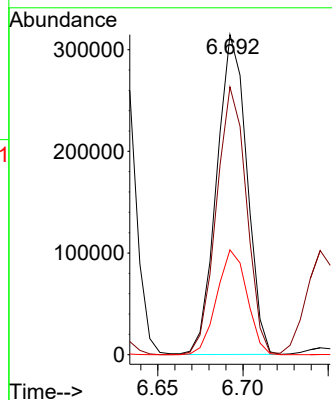
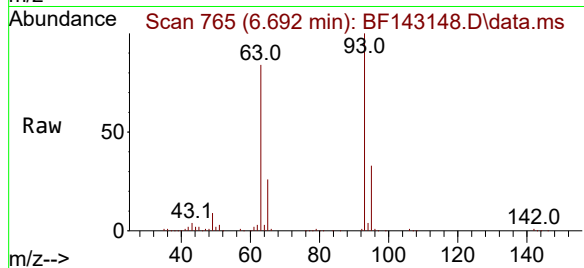
#11
bis(2-Chloroethyl)ether
Concen: 40.628 ng
RT: 6.692 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

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

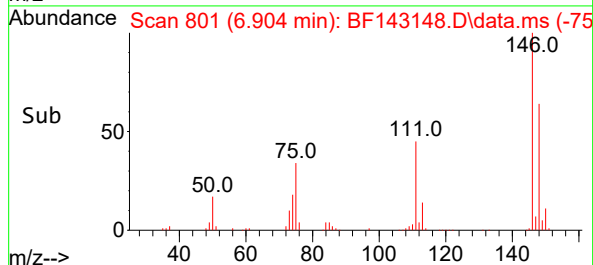
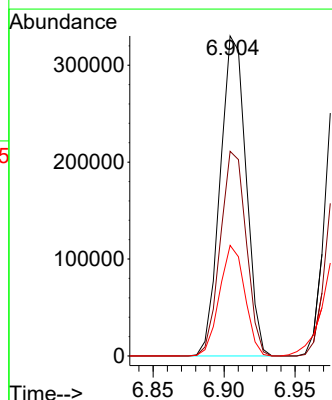
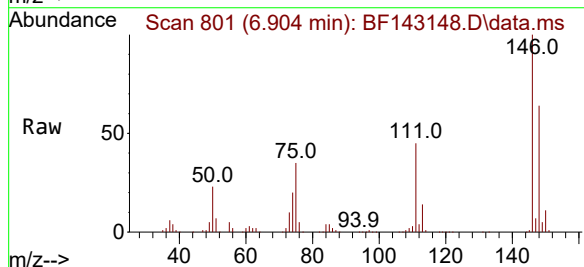
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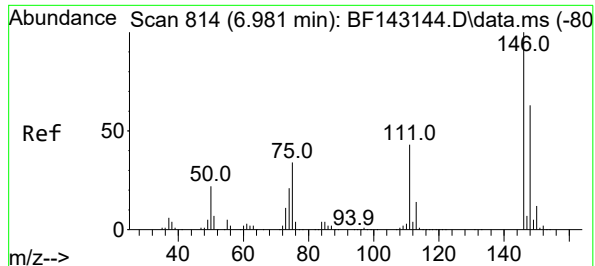
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

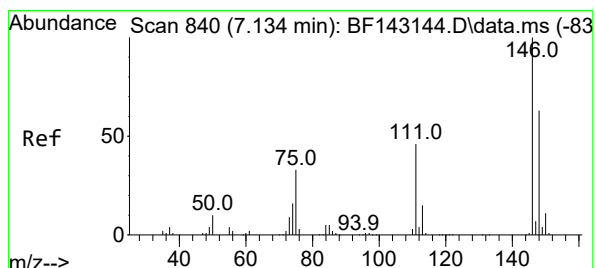
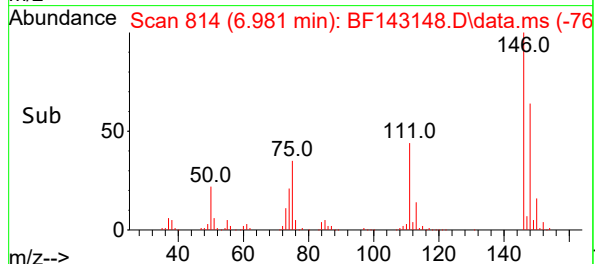
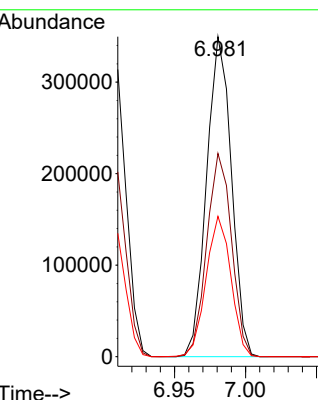
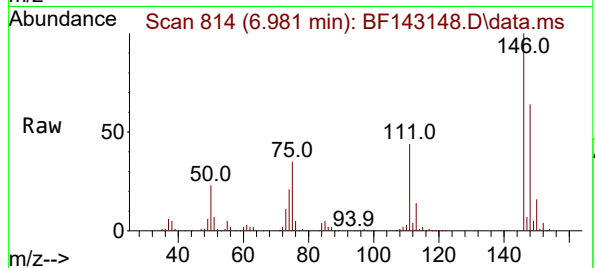
111 43.8 34.4 51.6

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: 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

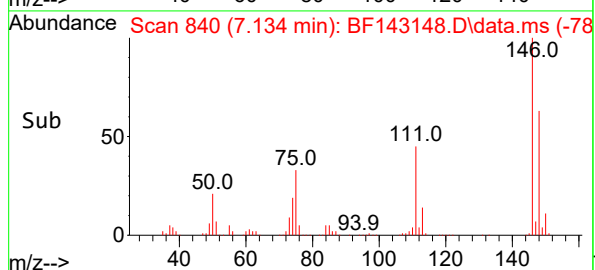
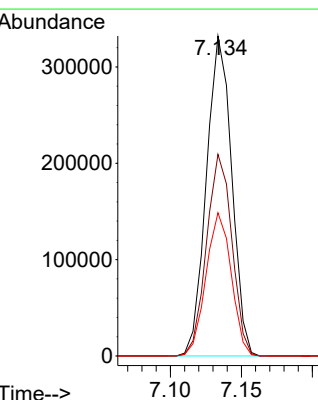
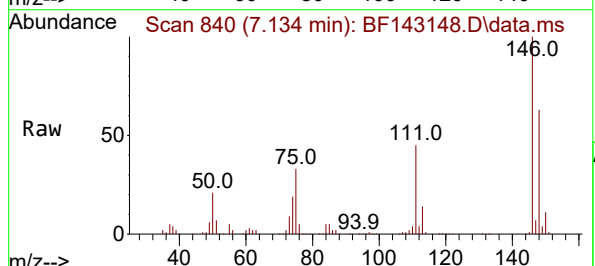
Tgt Ion:146 Resp: 411560

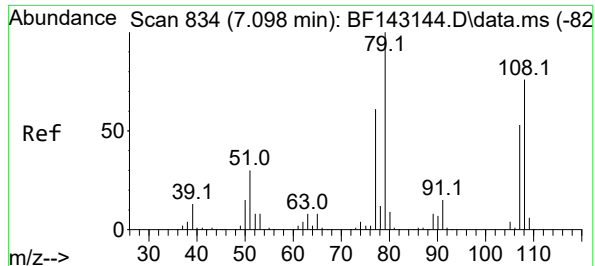
Ion Ratio Lower Upper

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

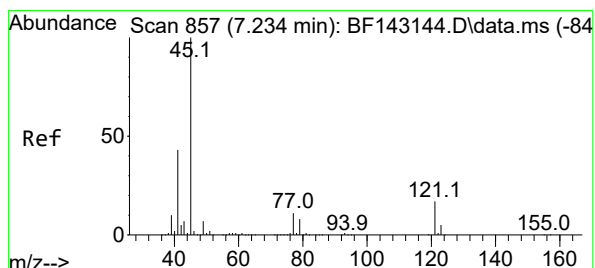
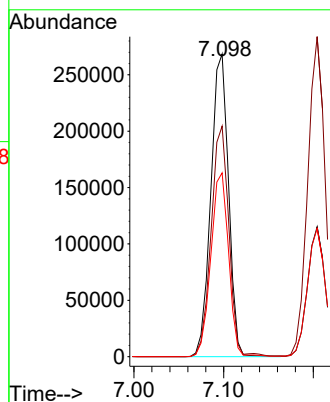
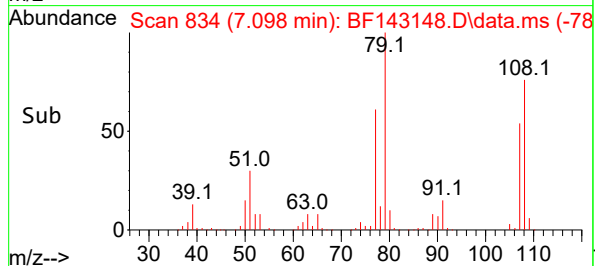
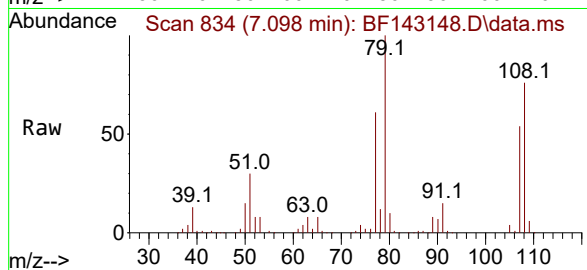
77 60.8 48.9 73.3

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

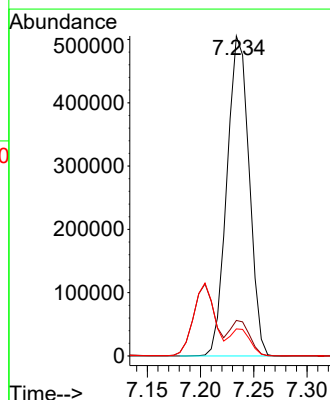
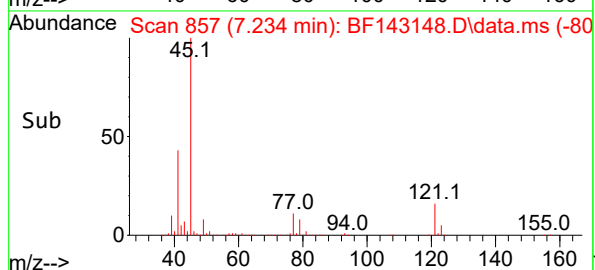
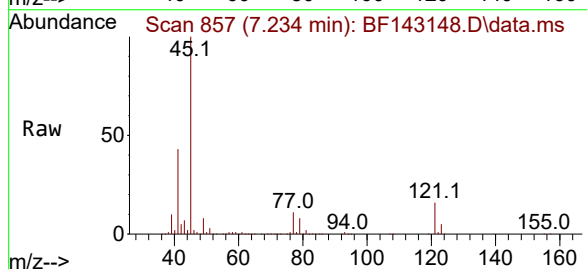
Tgt Ion: 45 Resp: 732274

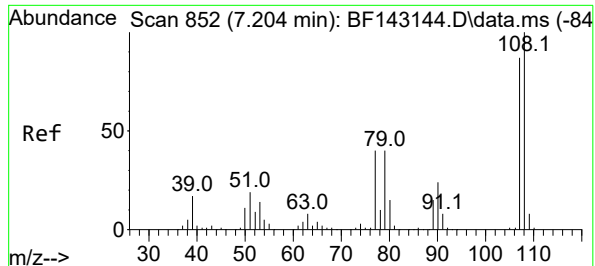
Ion Ratio Lower Upper

45 100

77 11.1 0.0 31.2

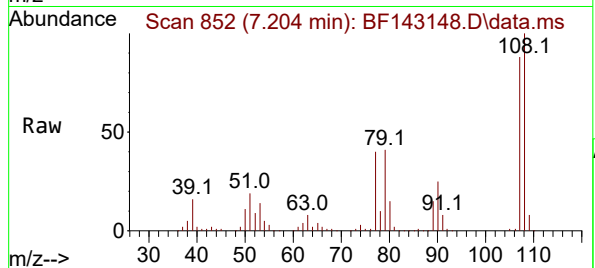
79 8.5 0.0 28.5





#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

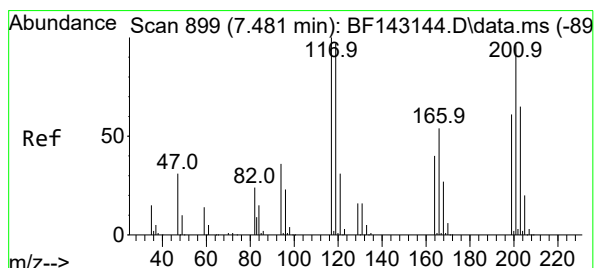
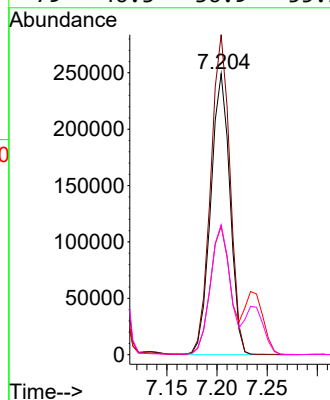
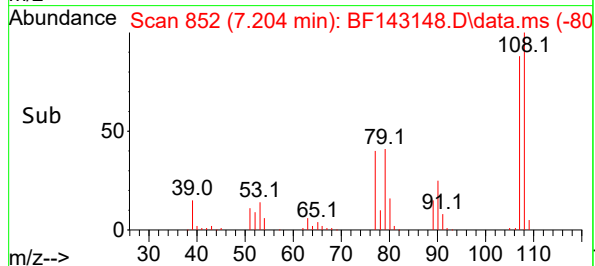
Instrument :
BNA_F
ClientSampleId :
ICVBF071725



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

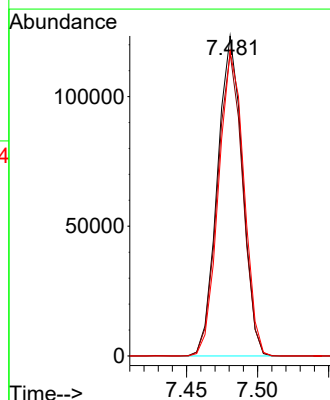
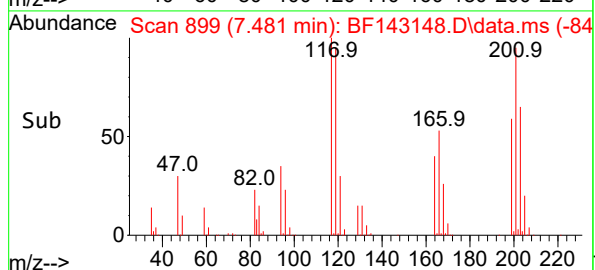
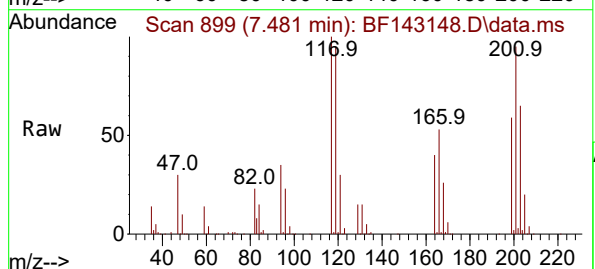
Manual Integrations
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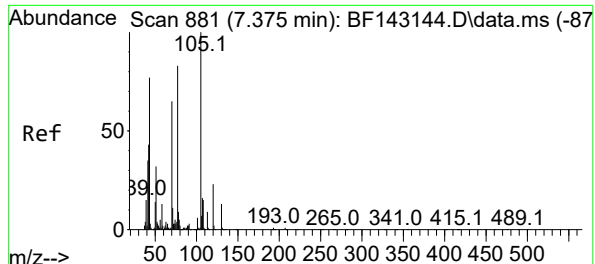
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

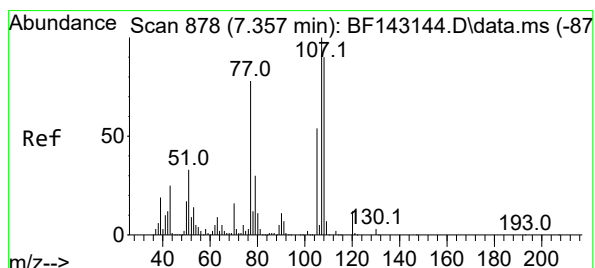
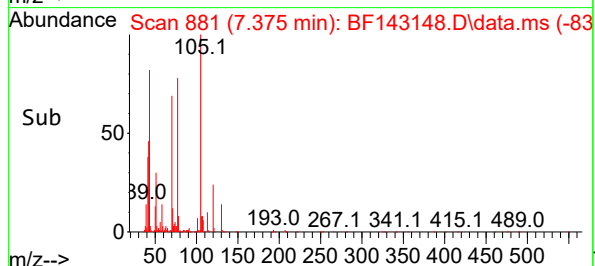
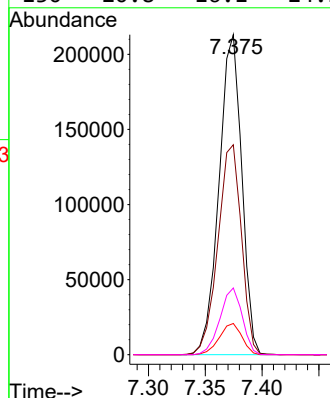
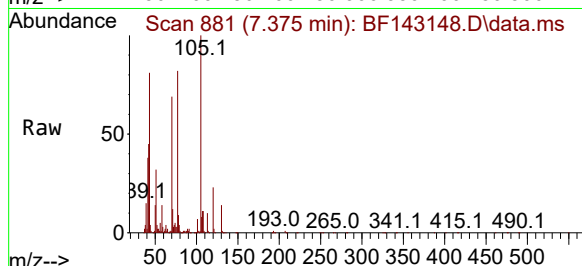
130 20.8 16.1 24.1

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: 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

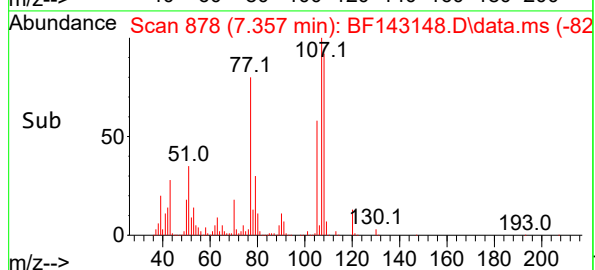
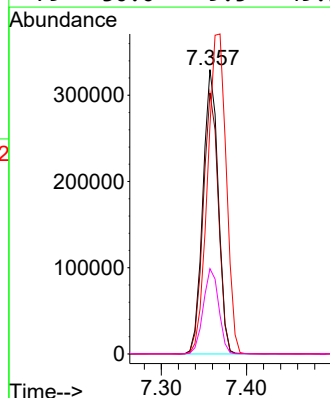
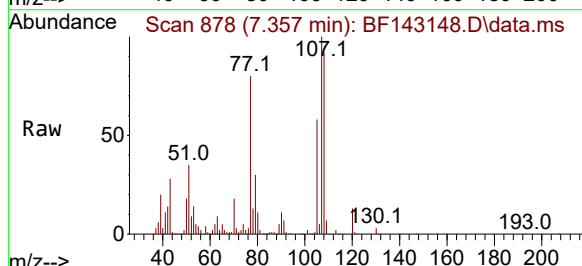
Ion Ratio Lower Upper

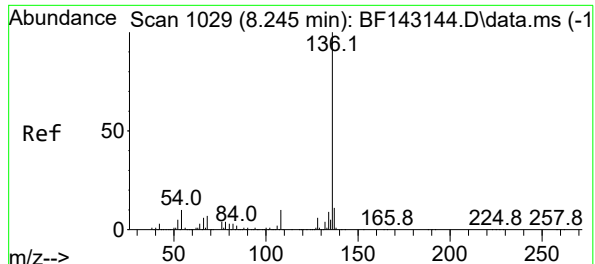
107 100

108 91.8 70.0 110.0

77 80.5 57.8 97.8

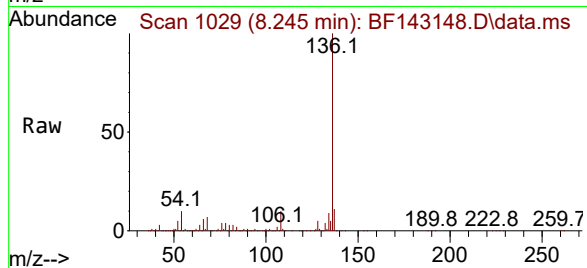
79 30.0 9.5 49.5





#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

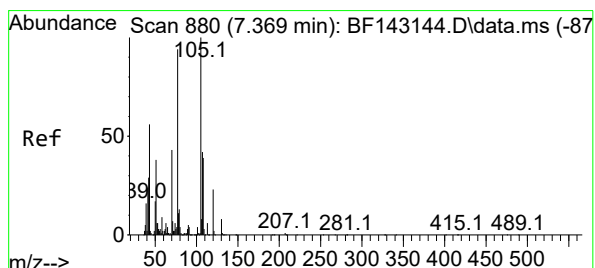
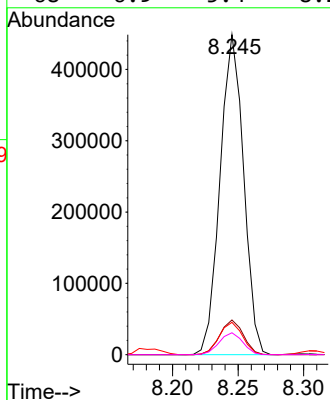
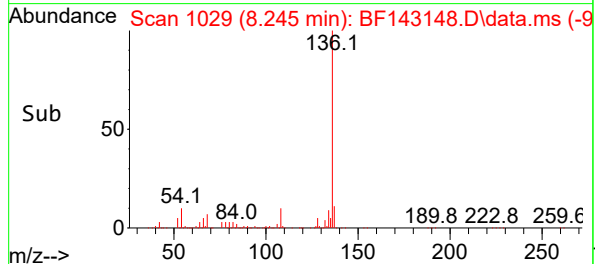
Instrument :
BNA_F
ClientSampleId :
ICVBF071725



Tgt Ion:136 Resp: 559672
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

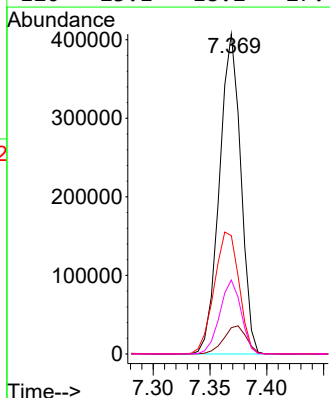
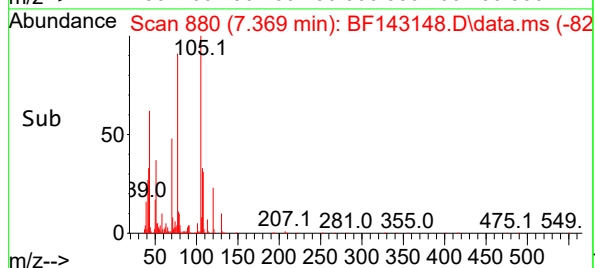
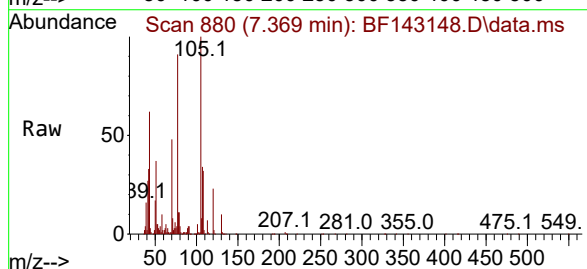
Manual Integrations
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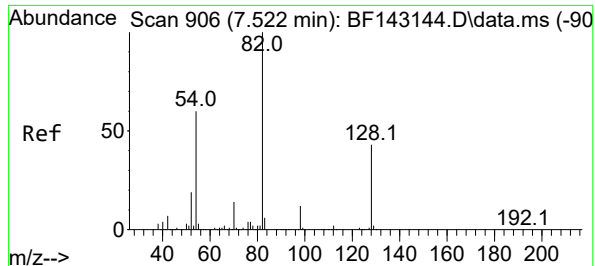
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

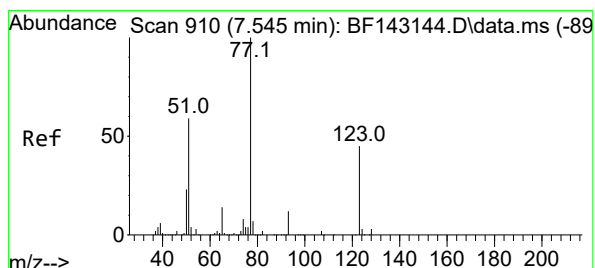
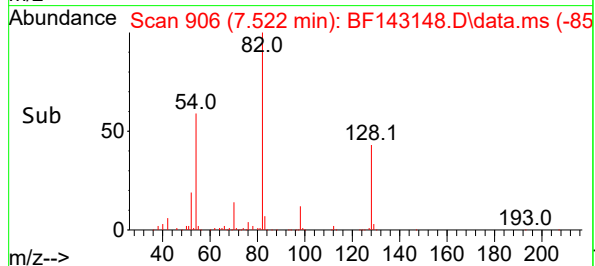
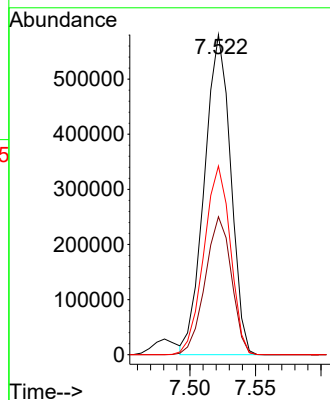
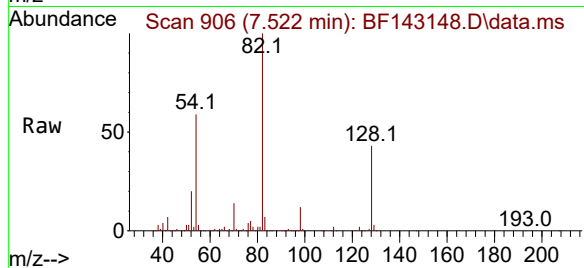
54 58.9 47.1 70.7

Manual Integrations

APPROVED

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

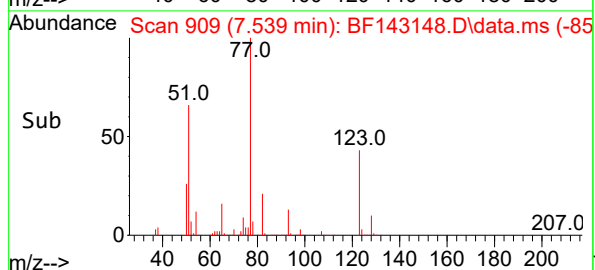
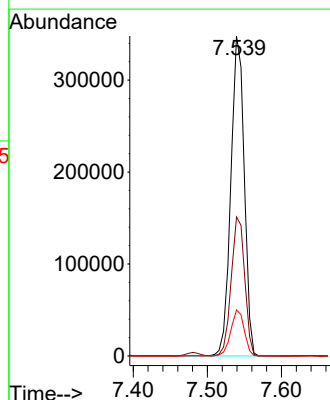
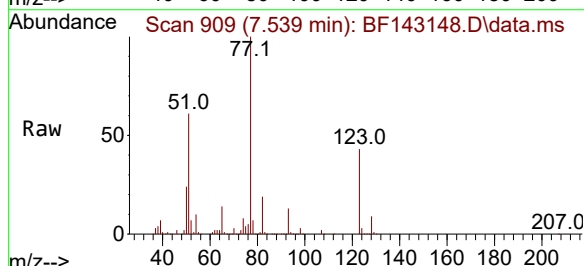
Tgt Ion: 77 Resp: 436834

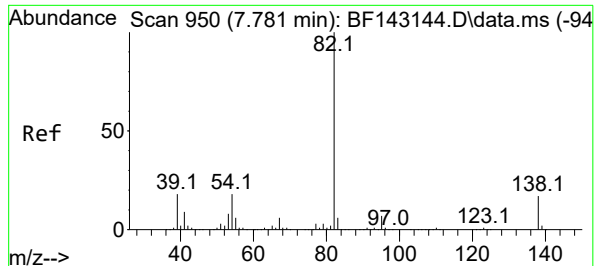
Ion Ratio Lower Upper

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

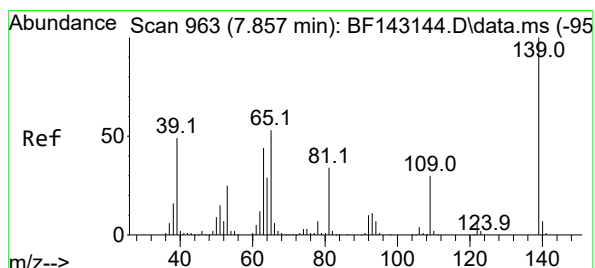
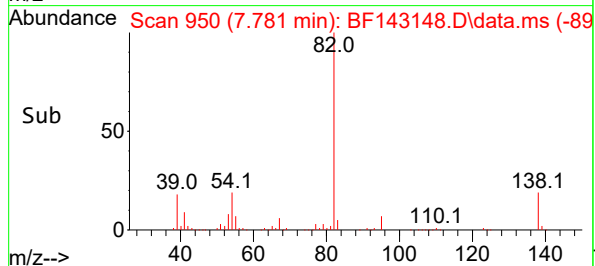
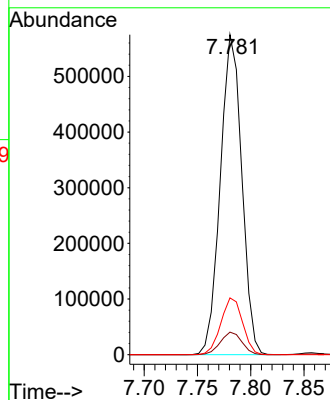
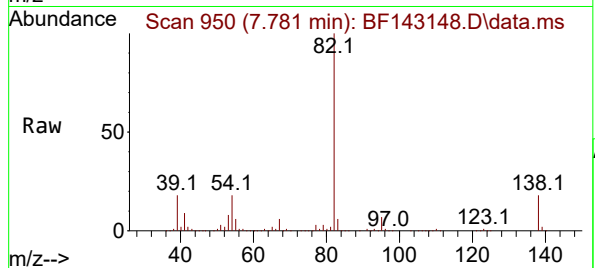
138 17.8 13.8 20.8

Manual Integrations

APPROVED

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

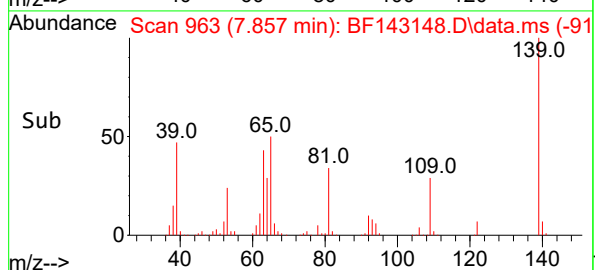
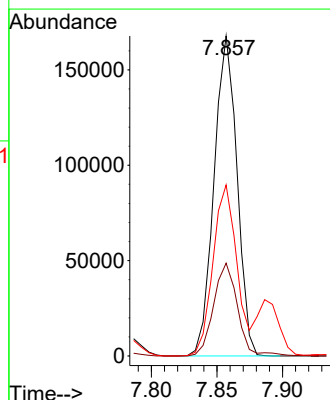
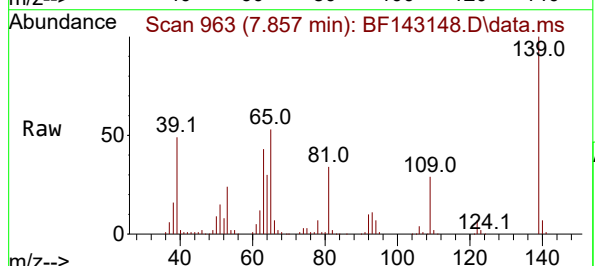
Tgt Ion:139 Resp: 203967

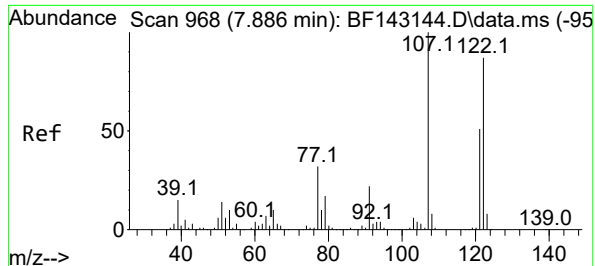
Ion Ratio Lower Upper

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

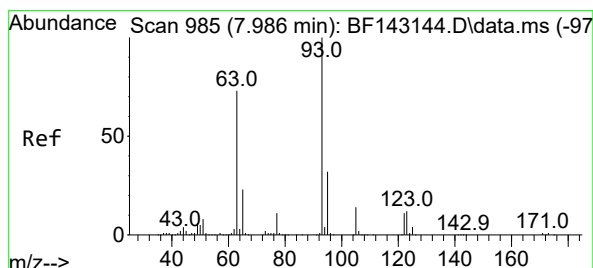
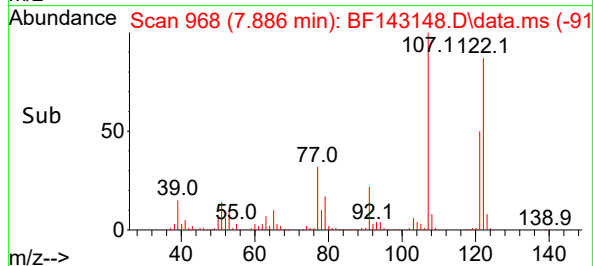
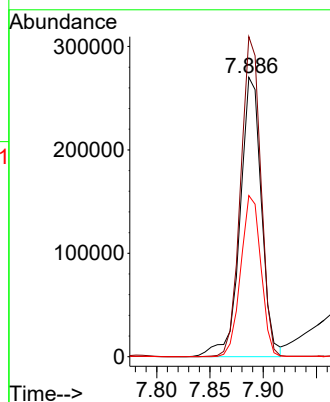
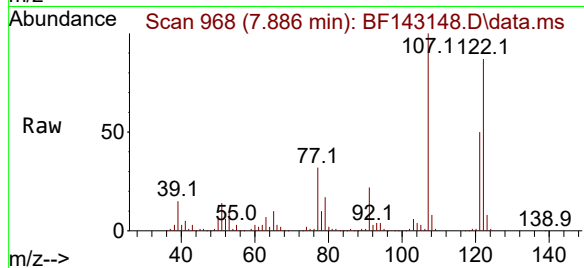
121 57.7 46.3 69.5

Manual Integrations

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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

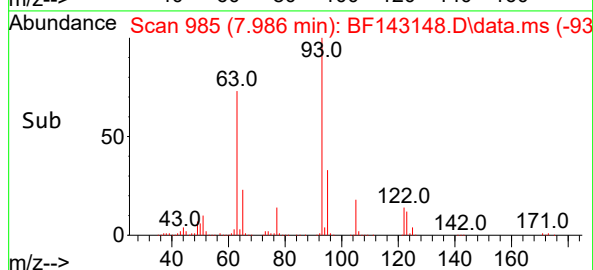
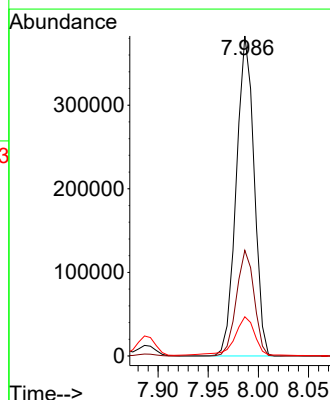
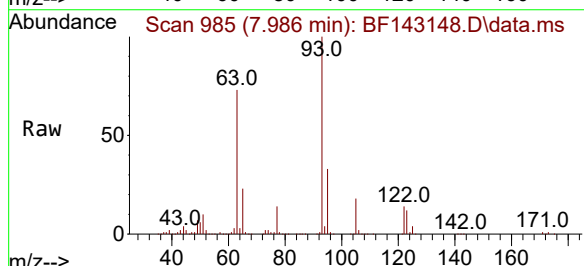
Tgt Ion: 93 Resp: 474637

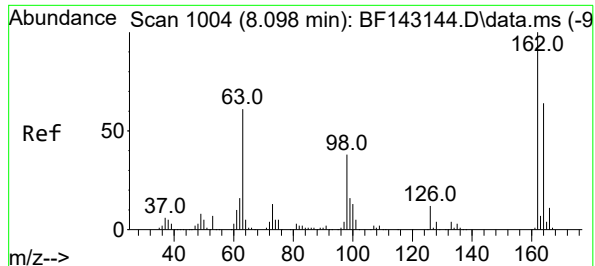
Ion Ratio Lower Upper

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

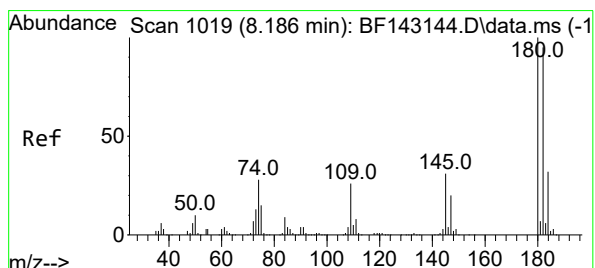
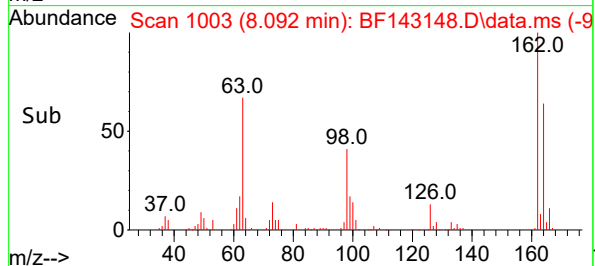
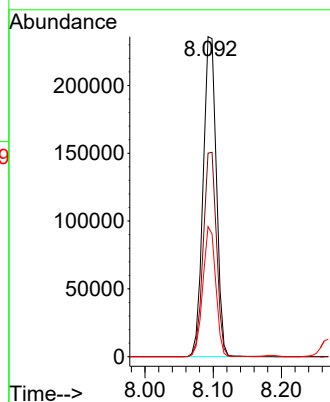
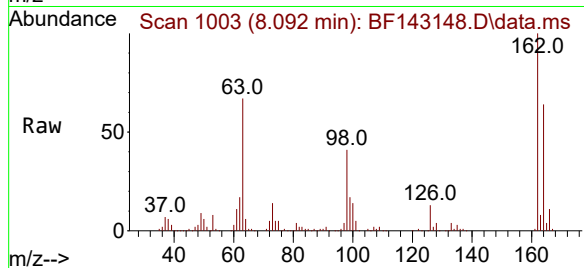
98 40.7 17.9 57.9

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

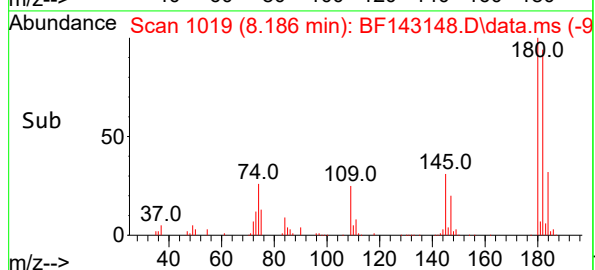
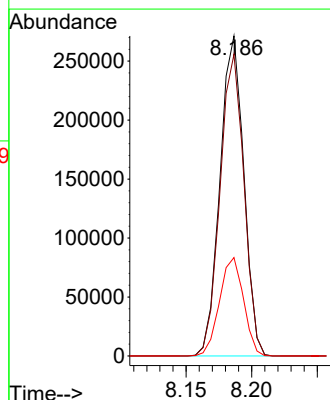
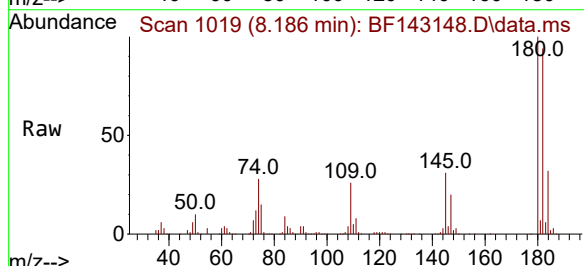
Tgt Ion:180 Resp: 342135

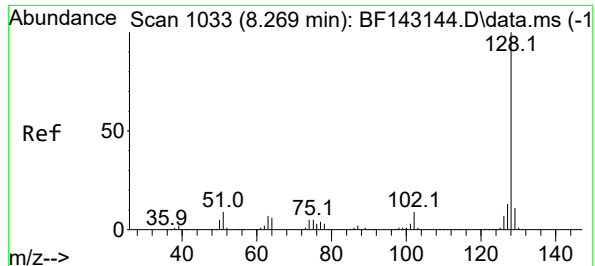
Ion Ratio Lower Upper

180 100

182 94.2 76.2 114.2

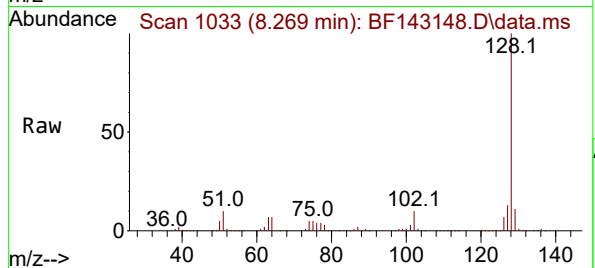
145 30.8 25.0 37.6





#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

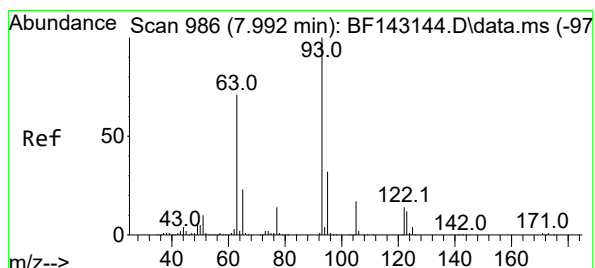
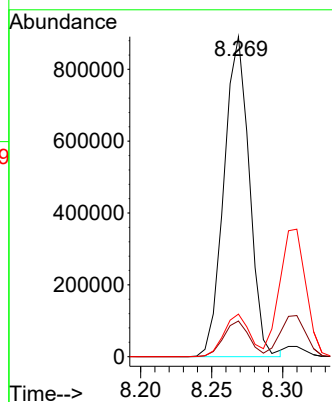
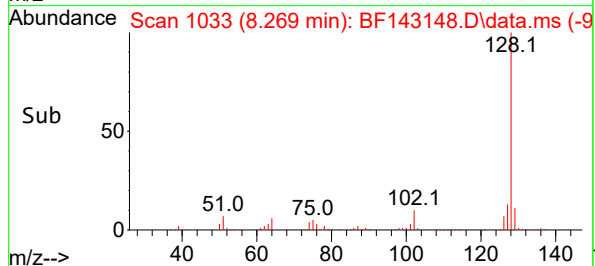
Instrument :
BNA_F
ClientSampleId :
ICVBF071725



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

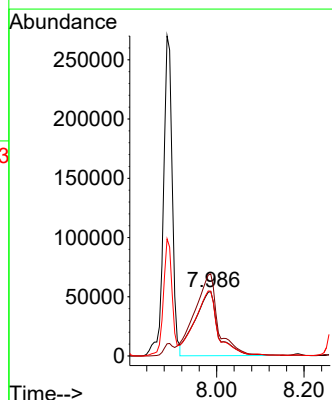
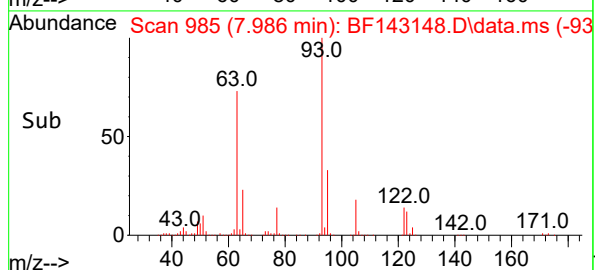
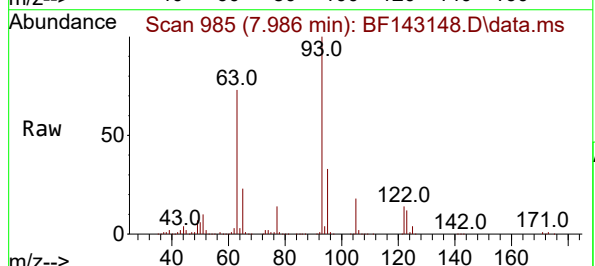
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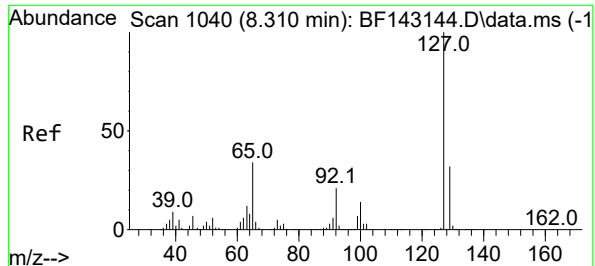
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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:127 Resp: 45774

Ion Ratio Lower Upper

127 100

129 32.3 26.0 39.0

65 33.8 27.4 41.2

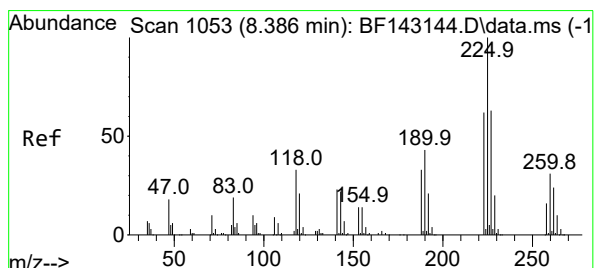
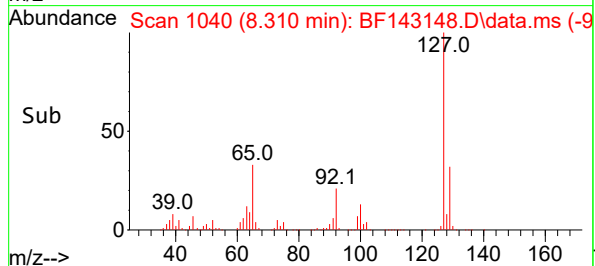
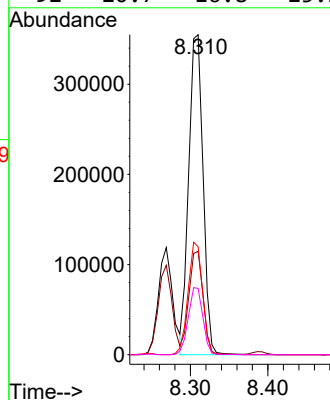
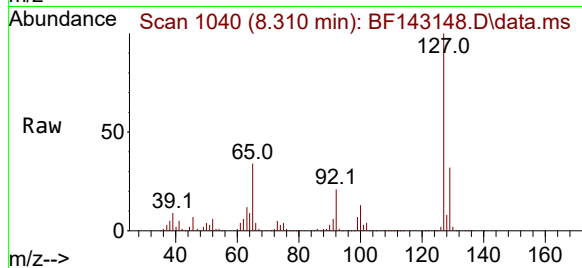
92 20.7 16.8 25.2

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

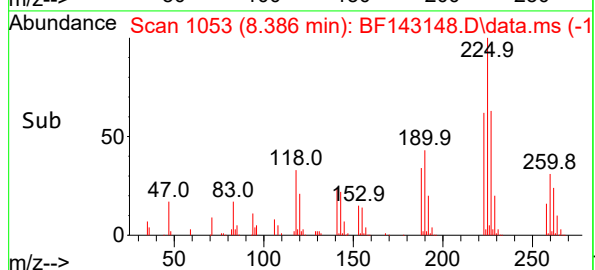
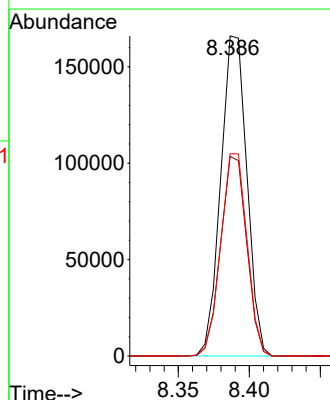
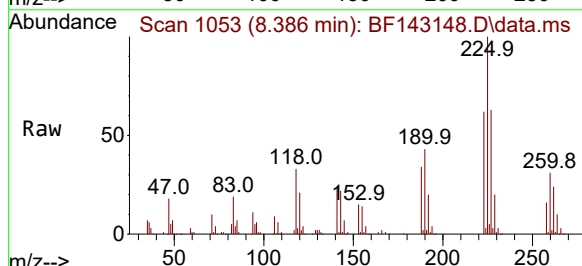
Tgt Ion:225 Resp: 212781

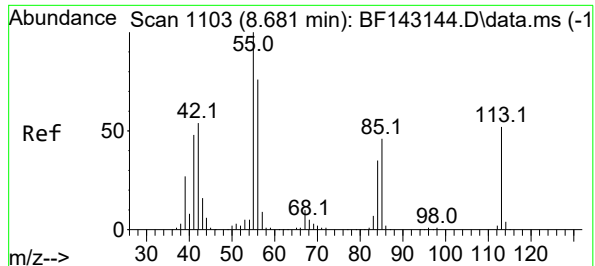
Ion Ratio Lower Upper

225 100

223 62.3 49.8 74.6

227 63.2 50.2 75.4





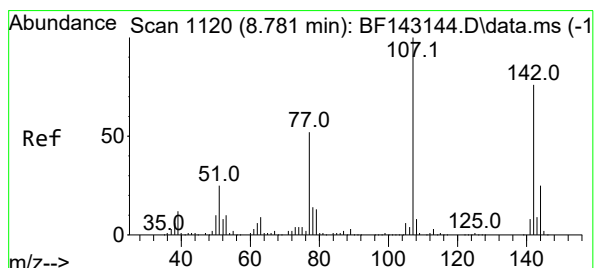
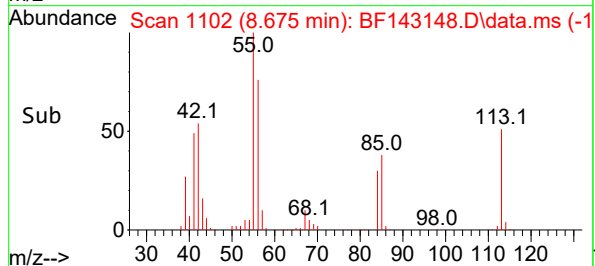
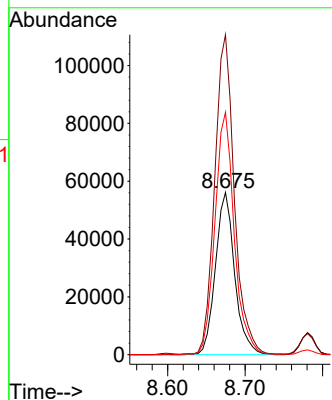
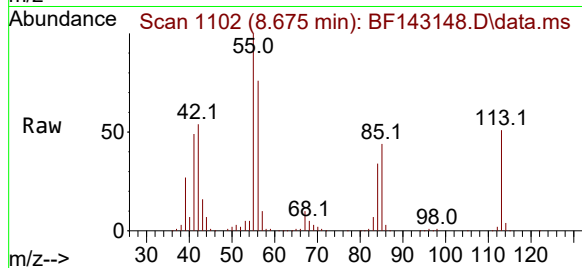
#35
Caprolactam
Concen: 40.959 ng
RT: 8.675 min Scan# 1103
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion:113 Resp: 96663
Ion Ratio Lower Upper
113 100
55 197.3 174.0 214.0
56 149.4 126.6 166.6

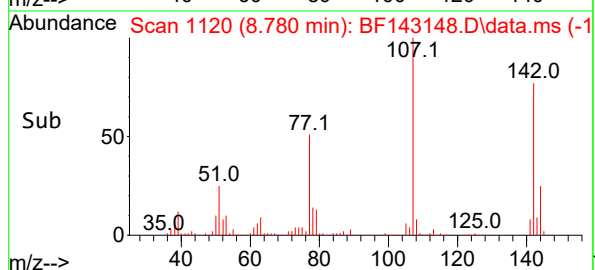
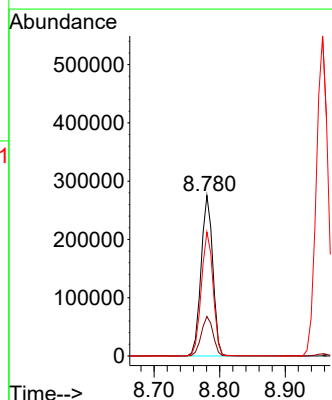
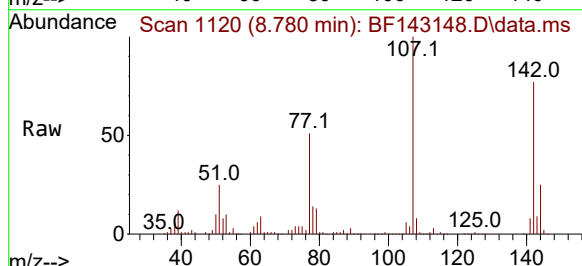
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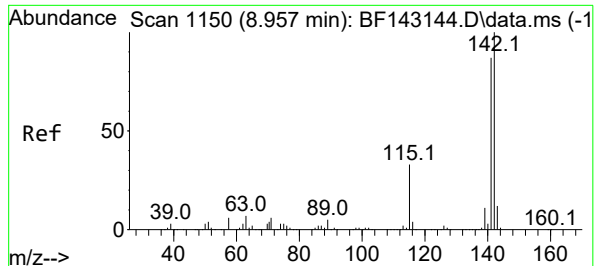
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#36
4-Chloro-3-methylphenol
Concen: 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

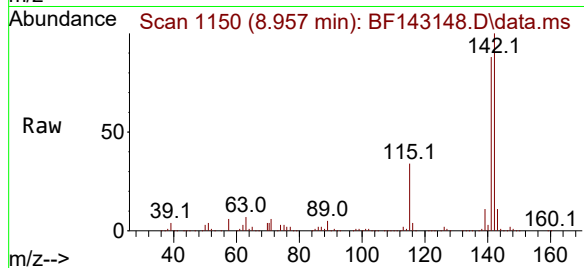
Tgt Ion:107 Resp: 344726
Ion Ratio Lower Upper
107 100
144 24.6 19.8 29.6
142 77.3 60.6 90.8





#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

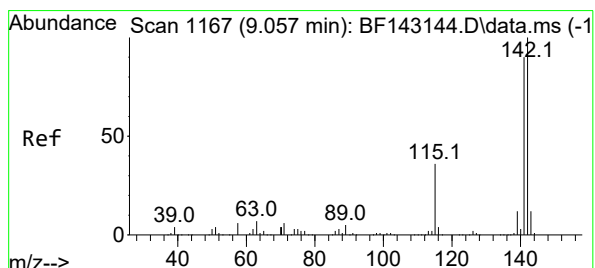
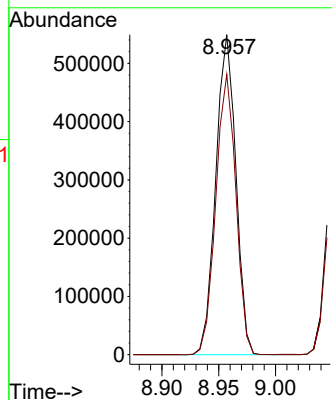
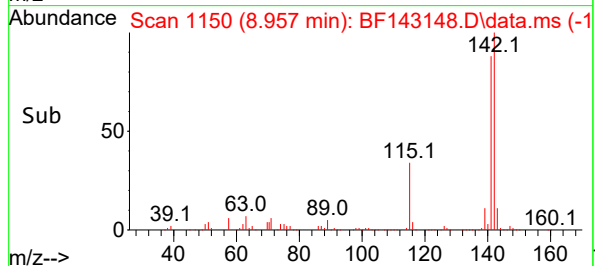
Instrument :
BNA_F
ClientSampleId :
ICVBF071725



Tgt Ion:142 Resp: 675594
Ion Ratio Lower Upper
142 100
141 87.6 69.9 104.9

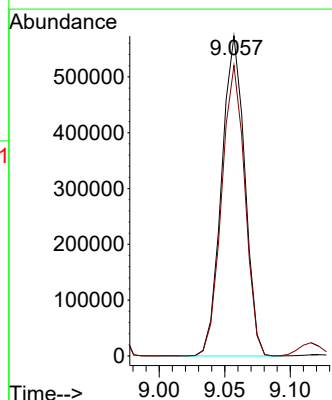
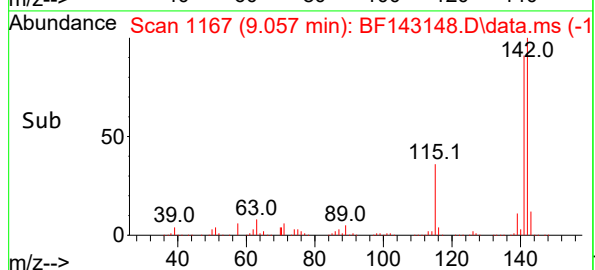
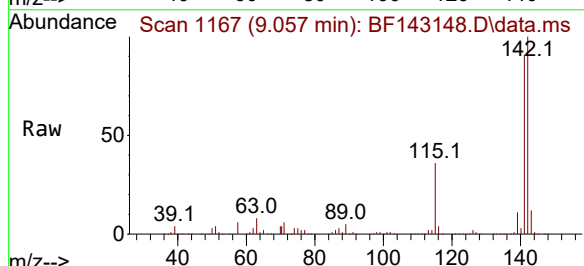
Manual Integrations
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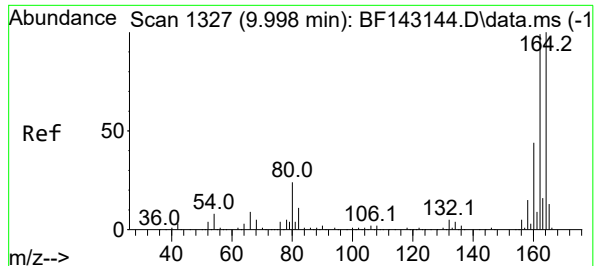
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

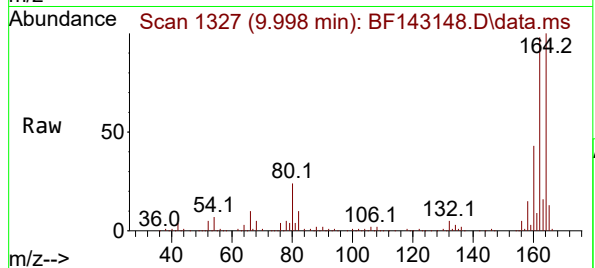
Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725



Tgt Ion:164 Resp: 28725

Ion Ratio Lower Upper

164 100

162 97.5 79.0 118.6

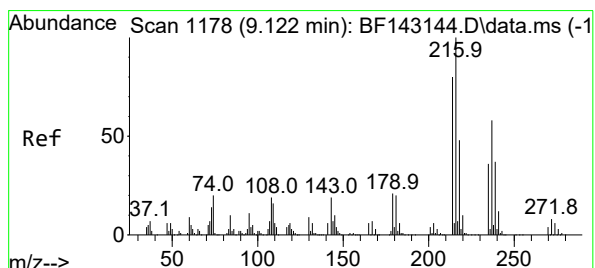
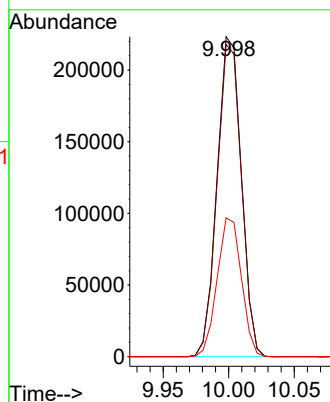
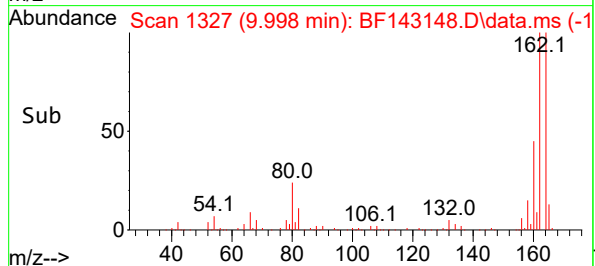
160 43.4 35.1 52.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#40

1,2,4,5-Tetrachlorobenzene

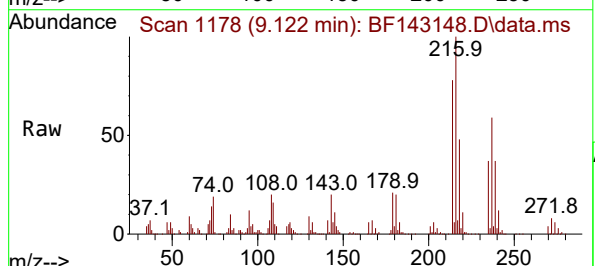
Concen: 40.944 ng

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

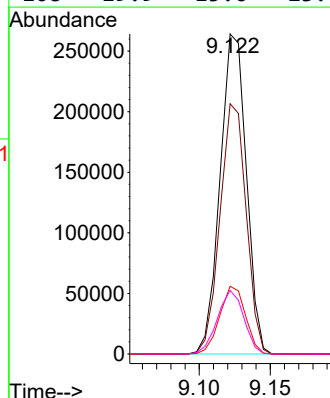
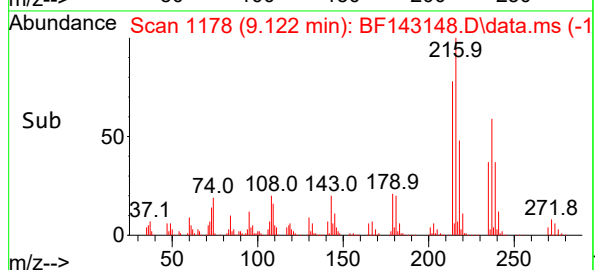
Ion Ratio Lower Upper

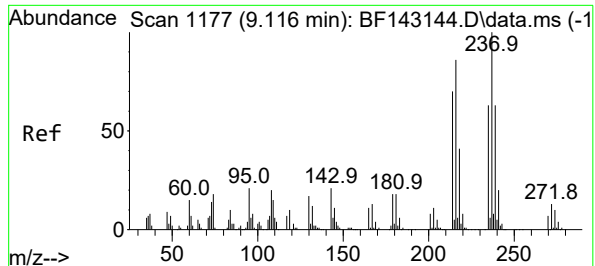
216 100

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

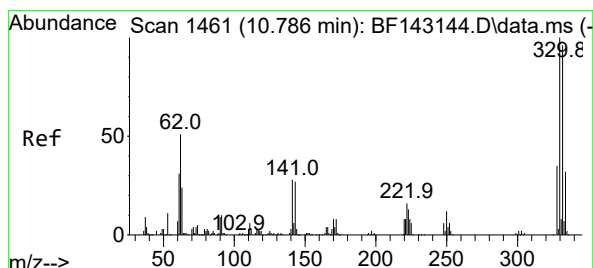
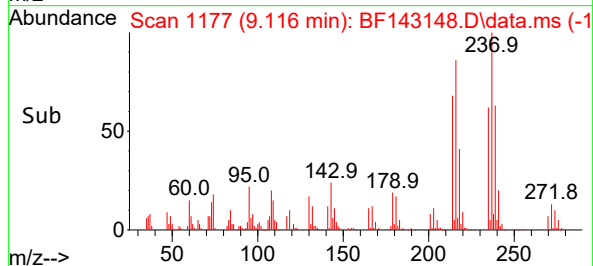
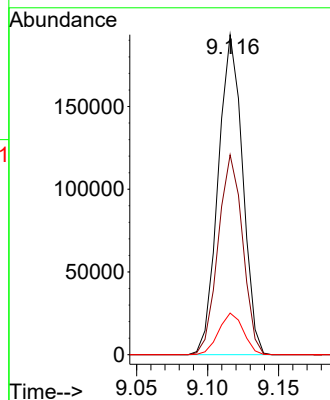
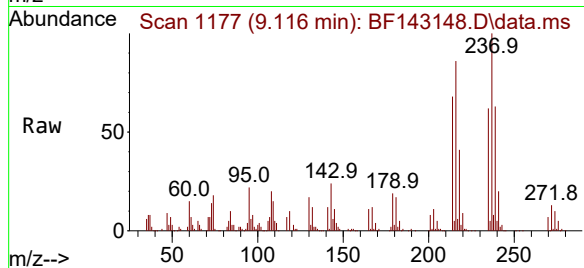
272 13.0 0.0 33.3

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

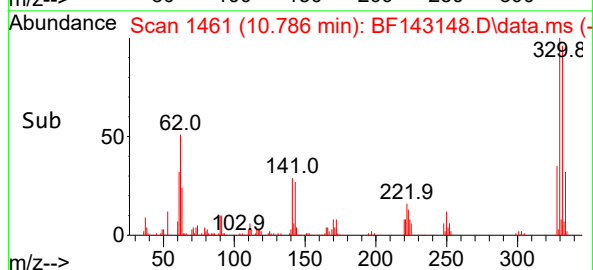
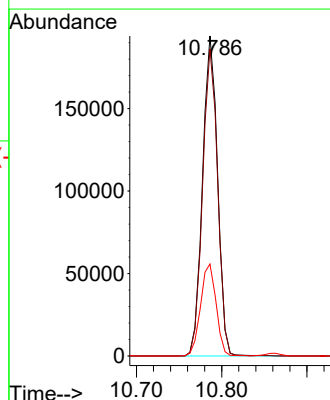
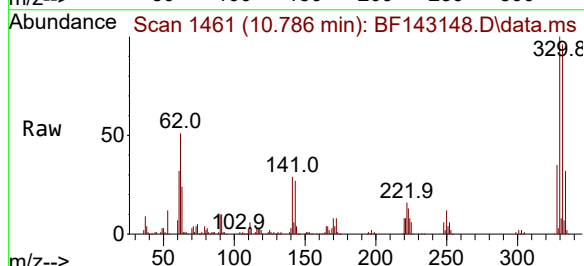
Tgt Ion:330 Resp: 237309

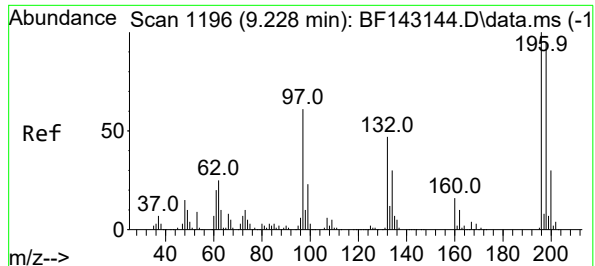
Ion Ratio Lower Upper

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

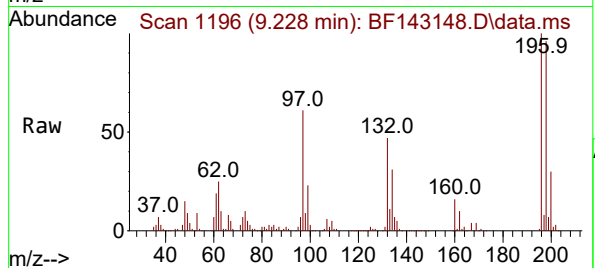
Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725



Tgt Ion:196 Resp: 23104

Ion Ratio Lower Upper

196 100

198 95.9 76.2 114.2

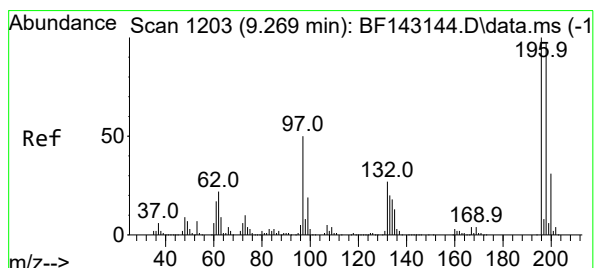
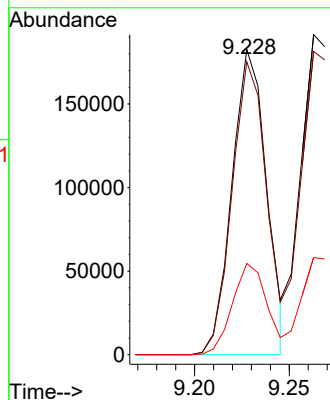
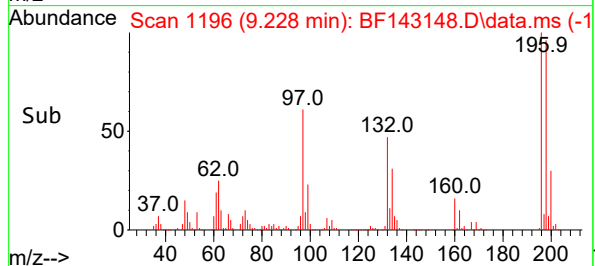
200 29.9 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#44

2,4,5-Trichlorophenol

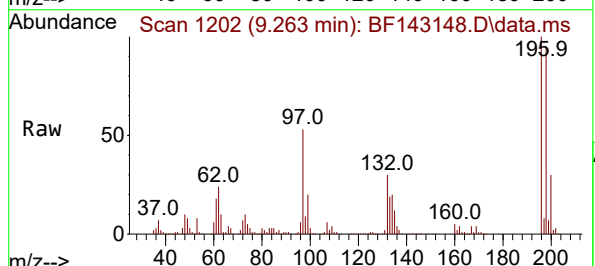
Concen: 42.989 ng

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

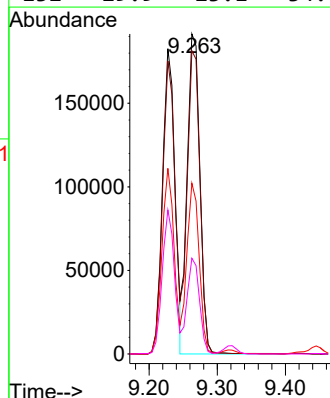
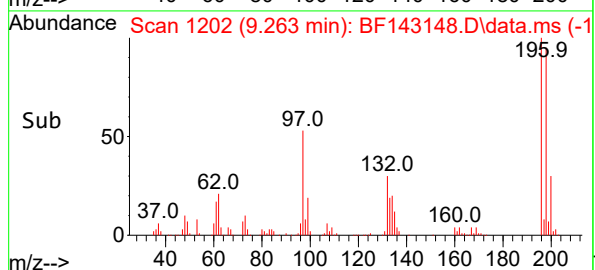
Ion Ratio Lower Upper

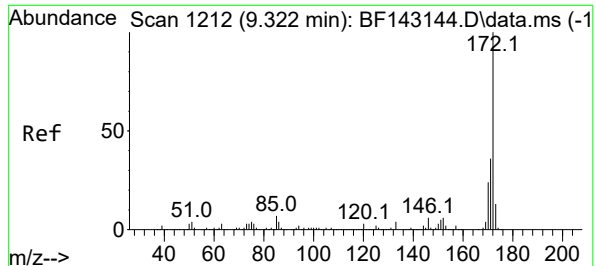
196 100

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

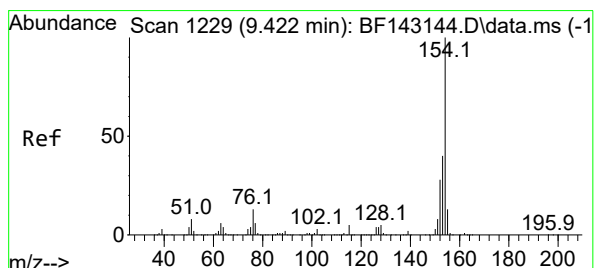
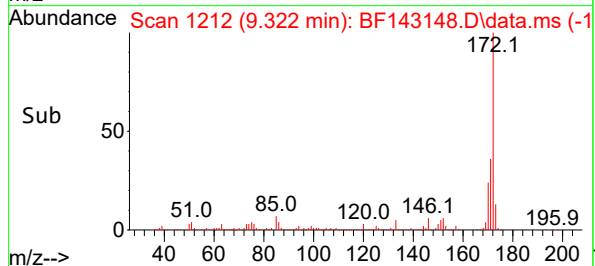
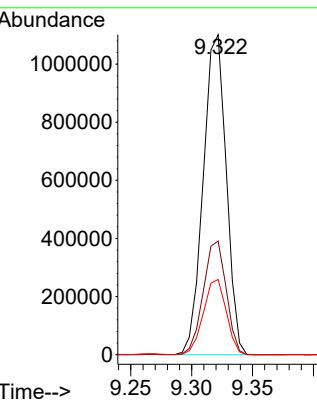
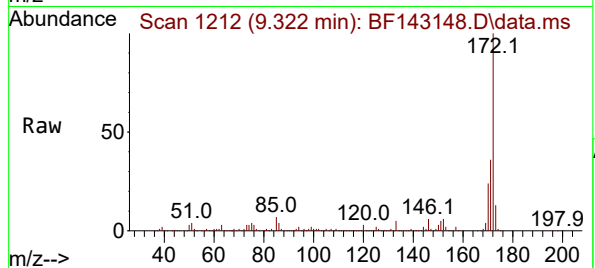
170 23.5 18.8 28.2

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

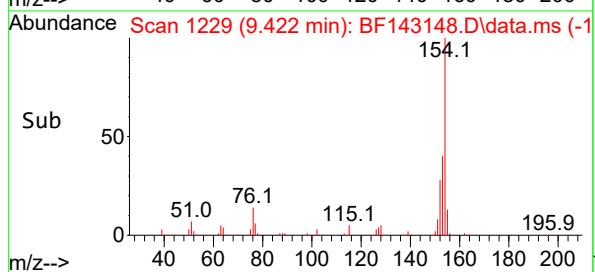
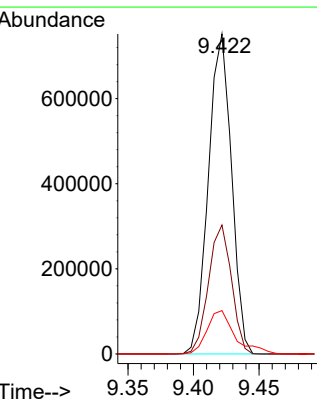
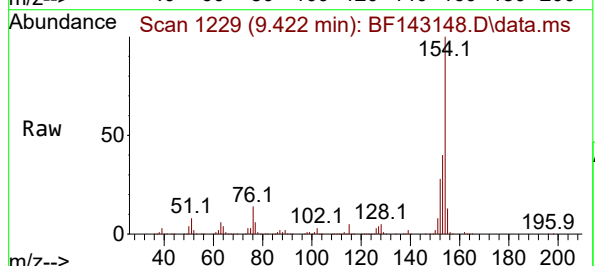
Tgt Ion:154 Resp: 920059

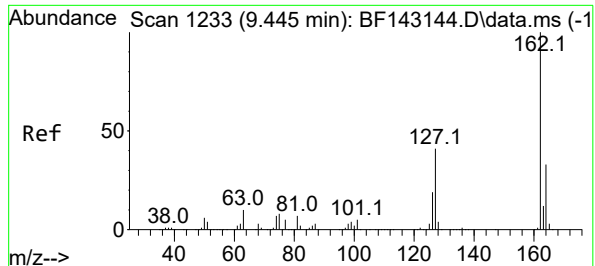
Ion Ratio Lower Upper

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

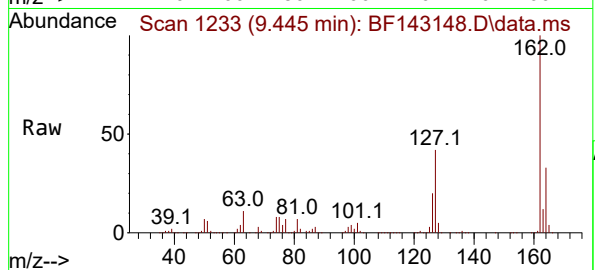
Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725



Tgt Ion:162 Resp: 666359

Ion Ratio Lower Upper

162 100

127 42.0 33.4 50.2

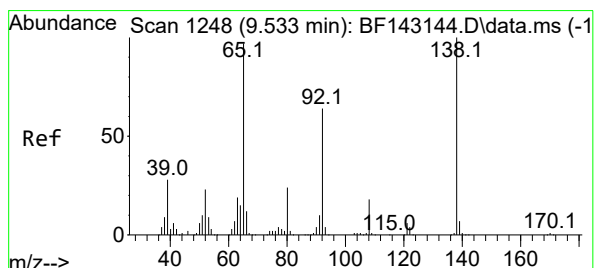
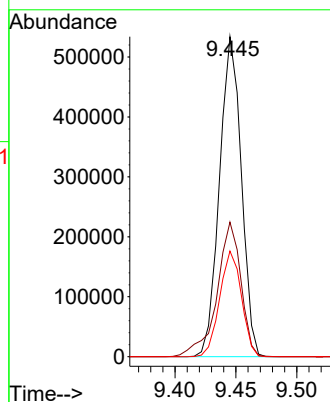
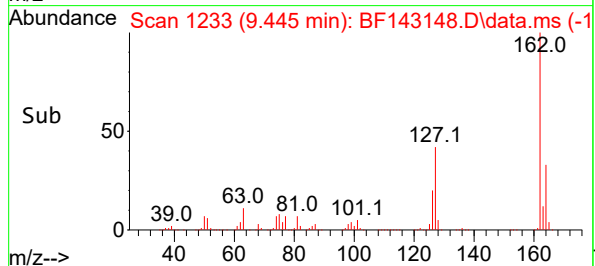
164 33.0 26.2 39.2

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

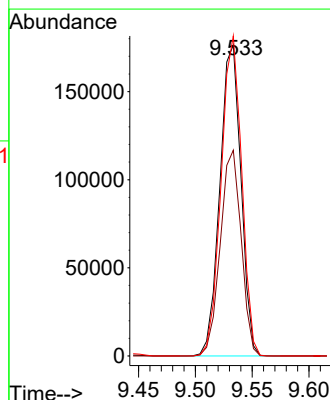
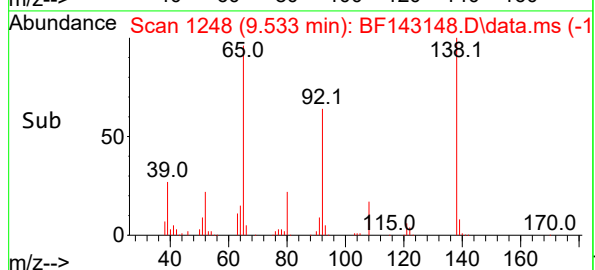
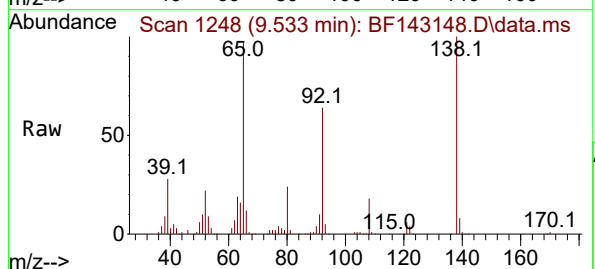
Tgt Ion: 65 Resp: 227376

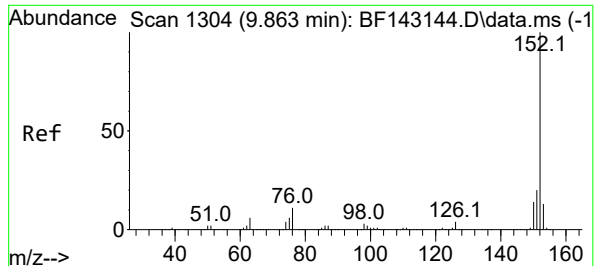
Ion Ratio Lower Upper

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

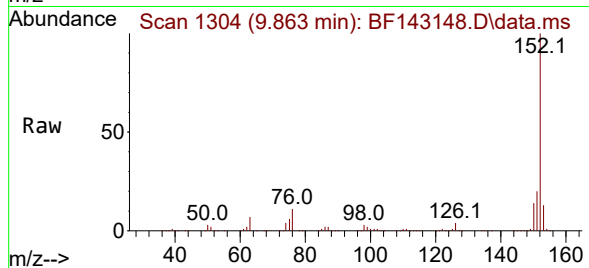
Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725



Tgt Ion:152 Resp: 1111992

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.2

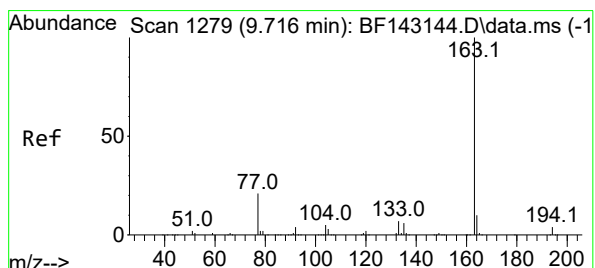
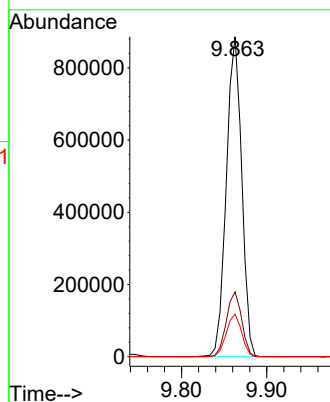
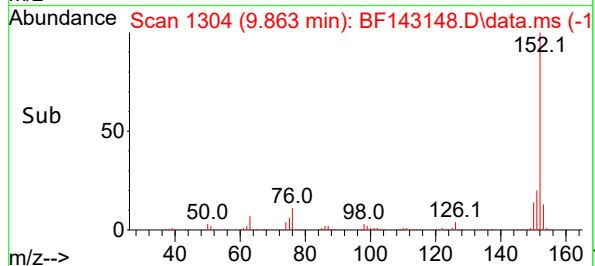
153 13.3 10.6 16.0

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#50

Dimethylphthalate

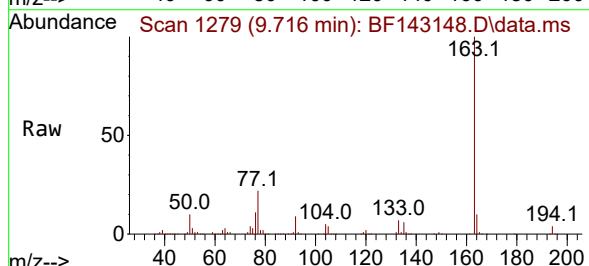
Concen: 40.218 ng

RT: 9.716 min Scan# 1279

Delta R.T. -0.000 min

Lab File: BF143148.D

Acq: 17 Jul 2025 15:06



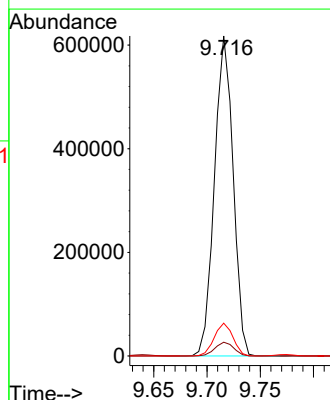
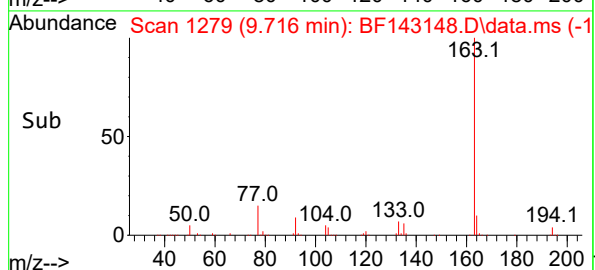
Tgt Ion:163 Resp: 753041

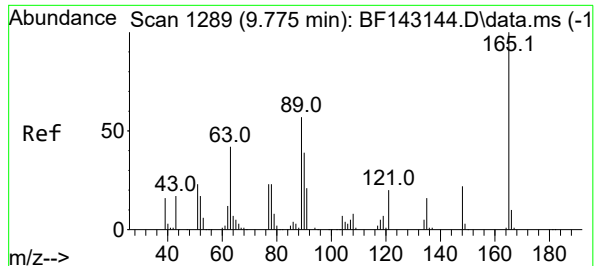
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

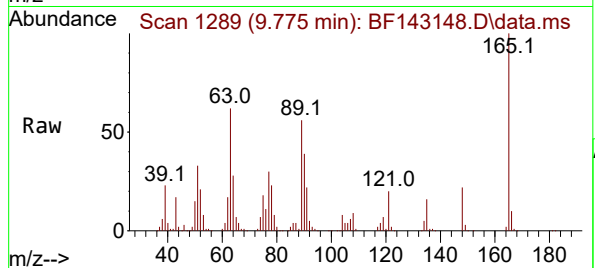
164 10.2 8.3 12.5





#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

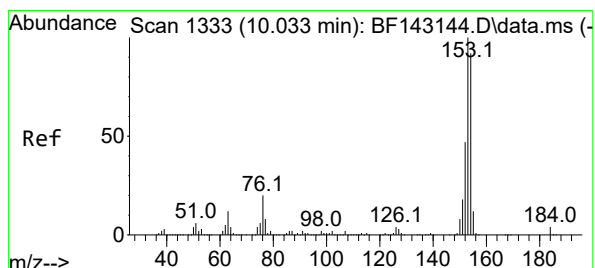
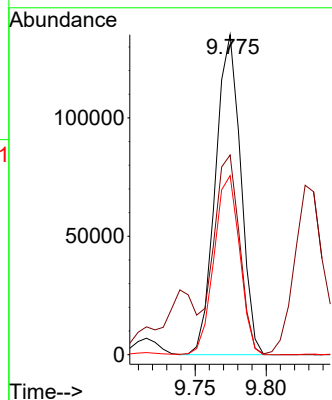
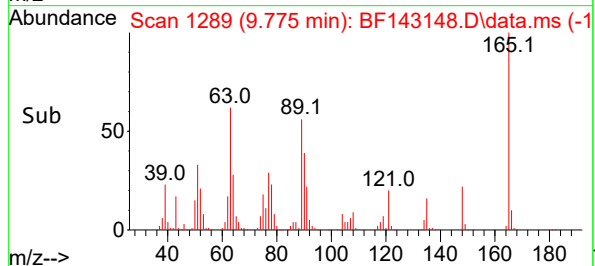
Instrument :
BNA_F
ClientSampleId :
ICVBF071725



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

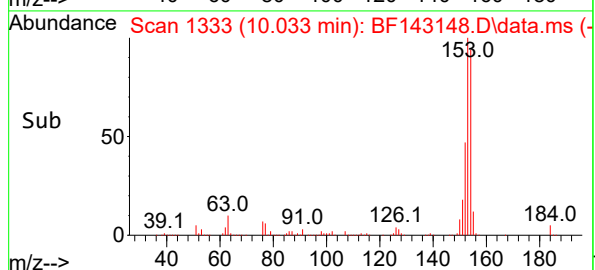
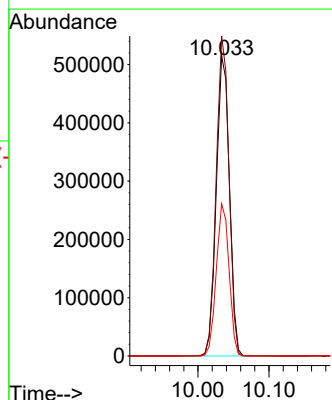
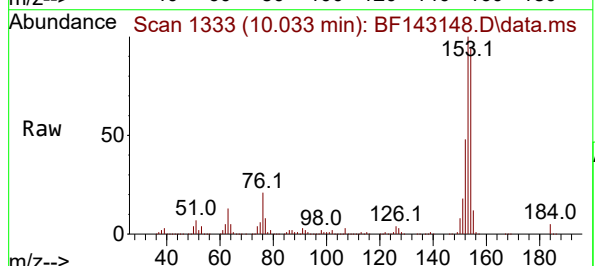
Manual Integrations
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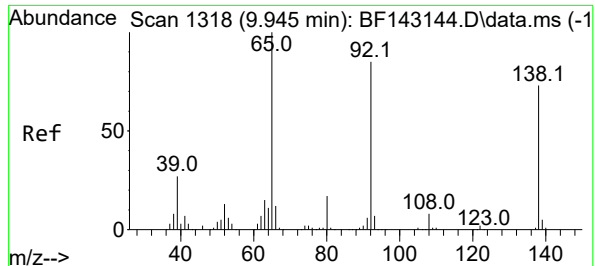
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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





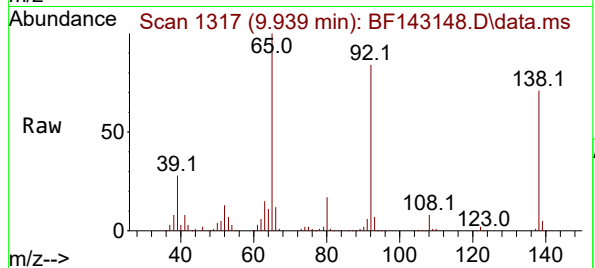
#53
3-Nitroaniline
Concen: 42.985 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725

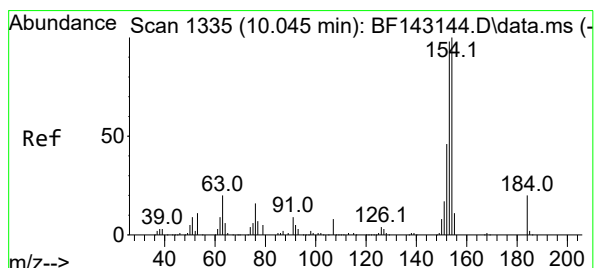
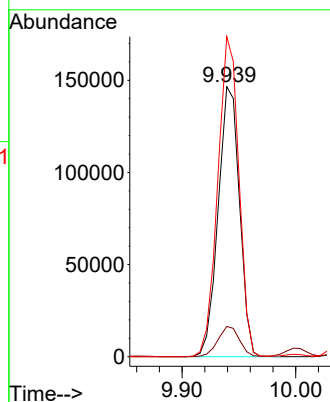
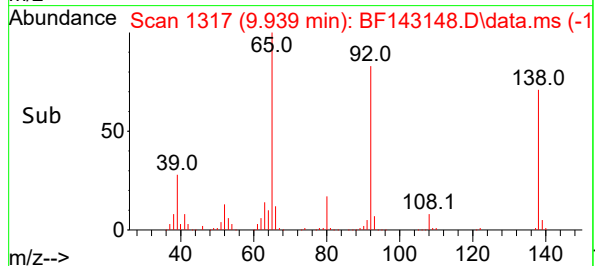


Tgt Ion:138 Resp: 191512
Ion Ratio Lower Upper
138 100
108 11.2 9.0 13.6
92 118.6 93.0 139.4

Manual Integrations

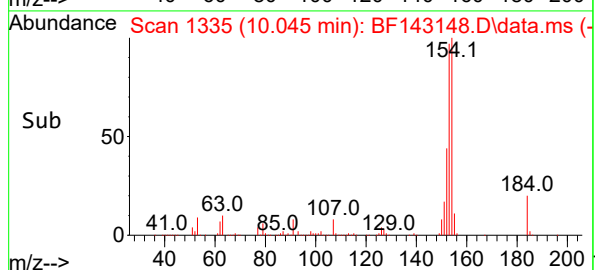
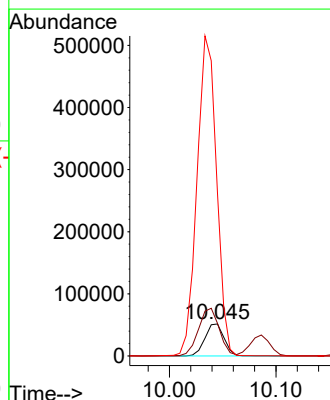
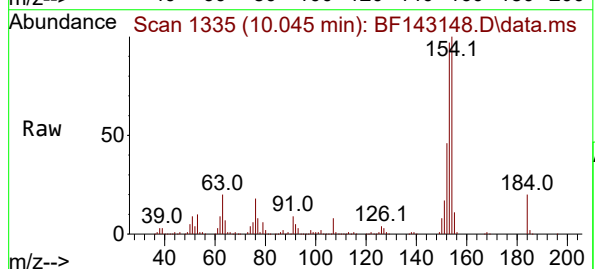
APPROVED

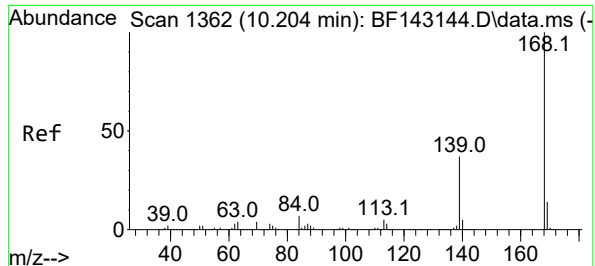
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

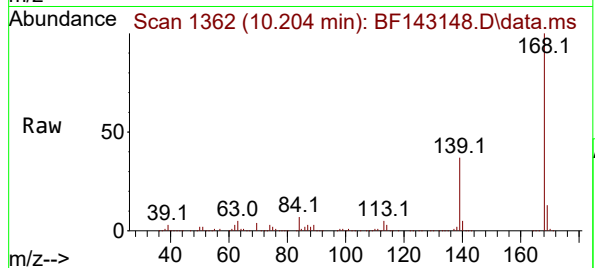
Tgt Ion:184 Resp: 64659
Ion Ratio Lower Upper
184 100
63 102.3 81.8 122.6
154 509.4 412.2 618.4





#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

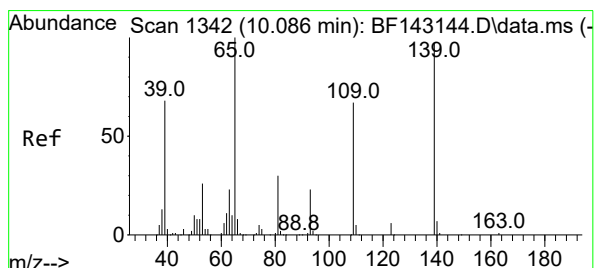
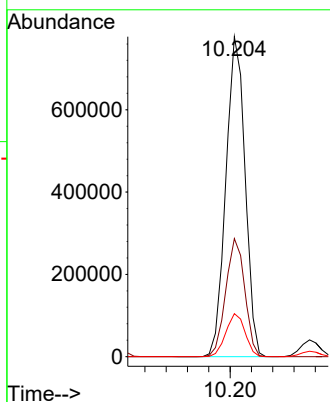
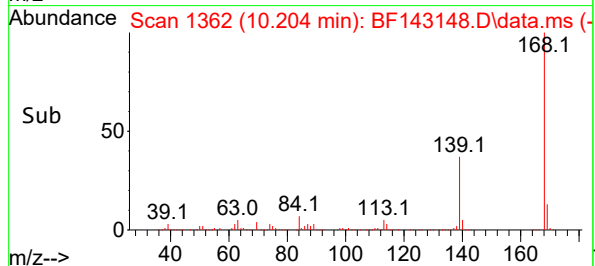
Instrument :
BNA_F
ClientSampleId :
ICVBF071725



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

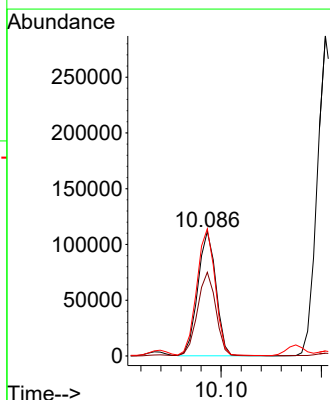
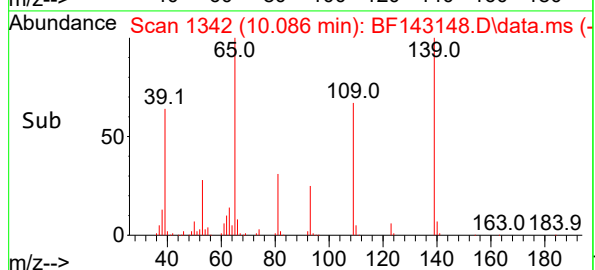
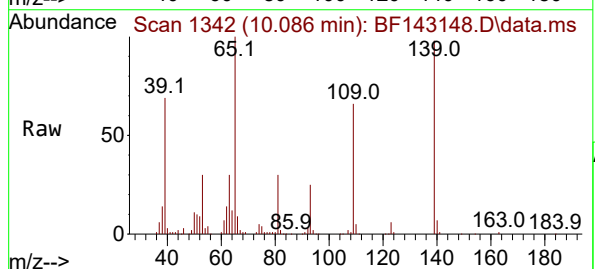
Manual Integrations
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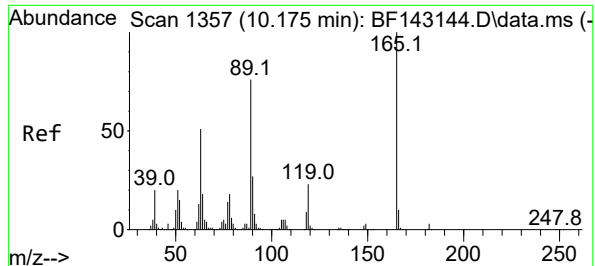
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

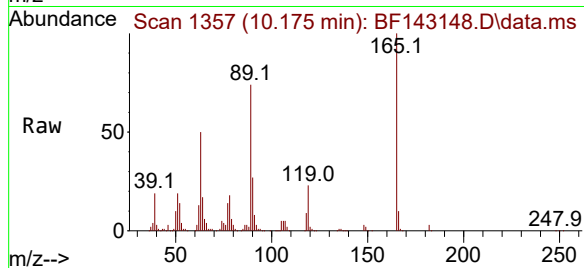
Tgt Ion:139 Resp: 140876
Ion Ratio Lower Upper
139 100
109 67.2 48.5 88.5
65 102.1 83.4 123.4





#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

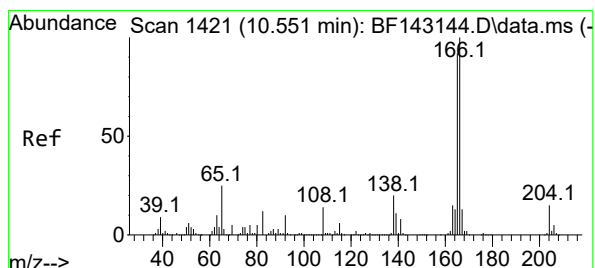
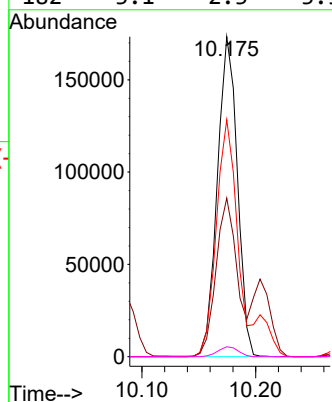
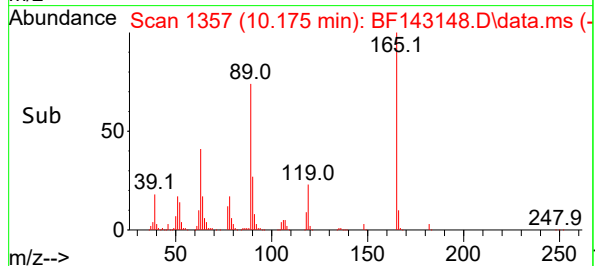
Instrument :
BNA_F
ClientSampleId :
ICVBF071725



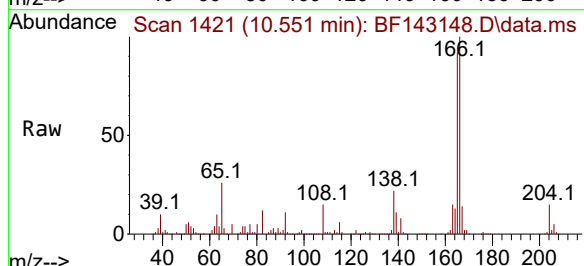
Tgt Ion:165 Resp: 212369
Ion Ratio Lower Upper
165 100
63 49.5 41.0 61.4
89 74.0 61.1 91.7
182 3.1 2.3 3.5

Manual Integrations
APPROVED

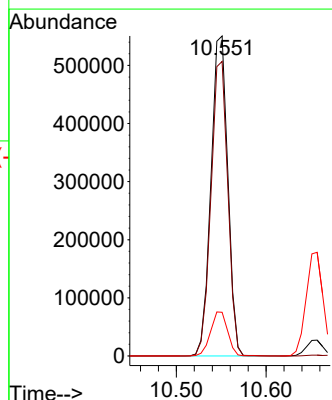
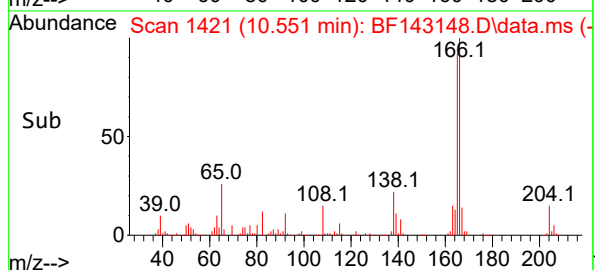
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

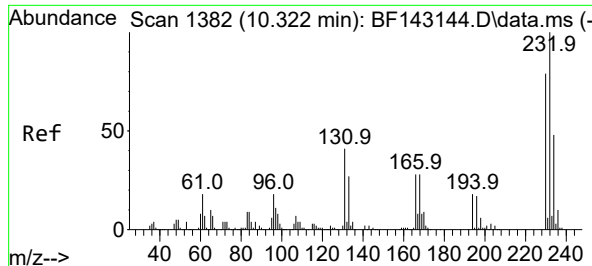


#58
Fluorene
Concen: 39.219 ng
RT: 10.551 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06



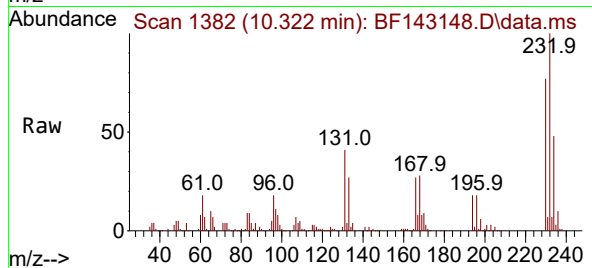
Tgt Ion:166 Resp: 717816
Ion Ratio Lower Upper
166 100
165 92.1 73.7 110.5
167 13.7 10.6 16.0





#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

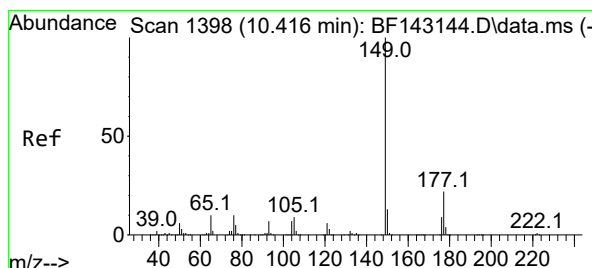
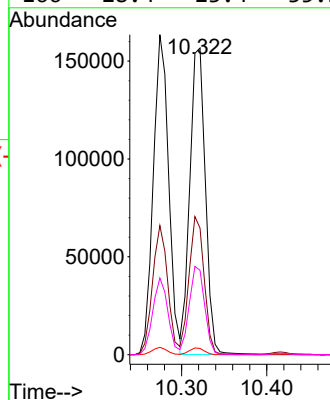
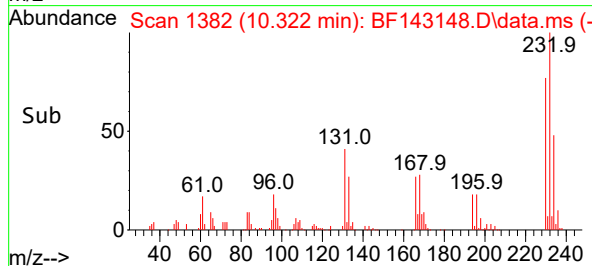
Instrument :
BNA_F
ClientSampleId :
ICVBF071725



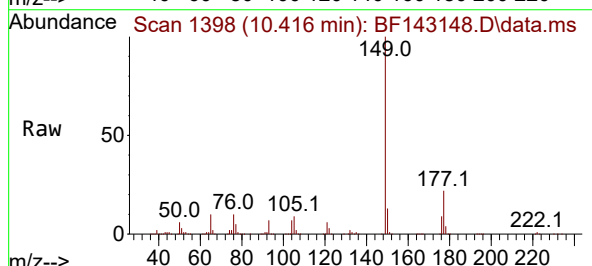
Tgt Ion:232 Resp: 198530
Ion Ratio Lower Upper
232 100
131 43.9 35.3 52.9
130 2.1 1.7 2.5
166 28.4 23.4 35.2

Manual Integrations
APPROVED

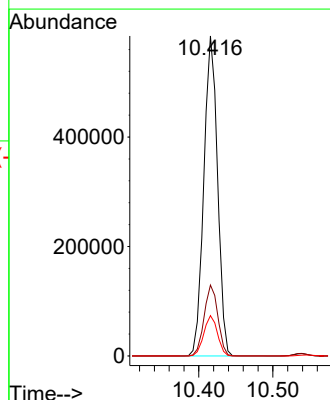
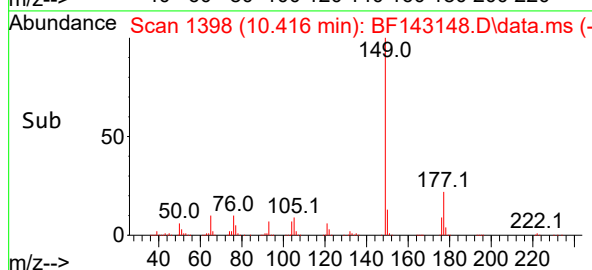
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

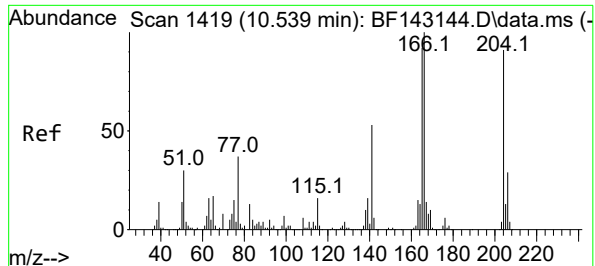


#60
Diethylphthalate
Concen: 40.729 ng
RT: 10.416 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06



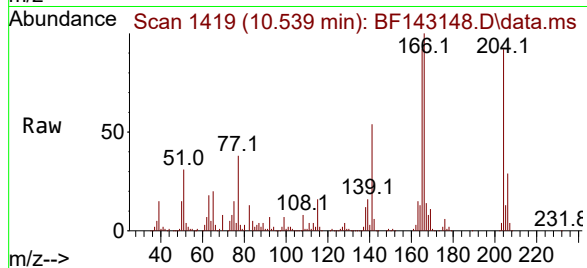
Tgt Ion:149 Resp: 753774
Ion Ratio Lower Upper
149 100
177 22.1 17.5 26.3
150 12.6 10.2 15.2





#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

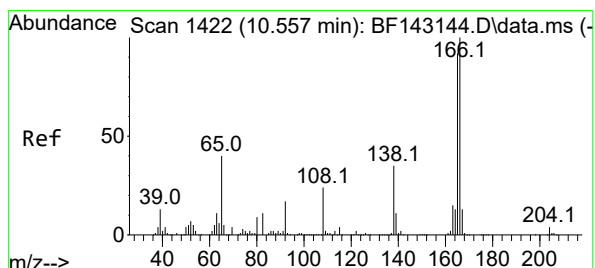
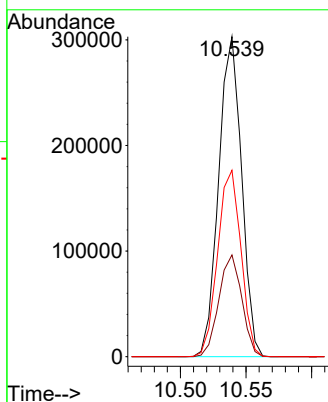
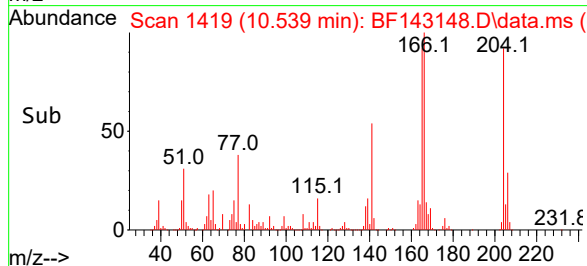
Instrument :
BNA_F
ClientSampleId :
ICVBF071725



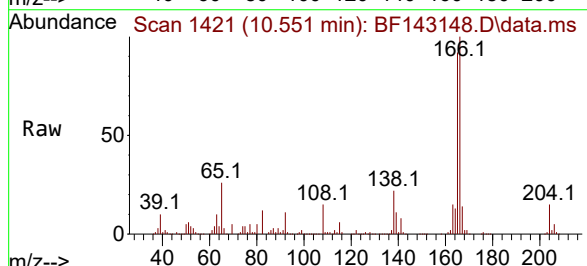
Tgt Ion:204 Resp: 36798
Ion Ratio Lower Upper
204 100
206 31.8 25.8 38.8
141 58.3 47.0 70.4

Manual Integrations
APPROVED

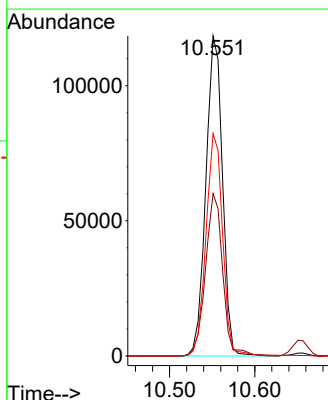
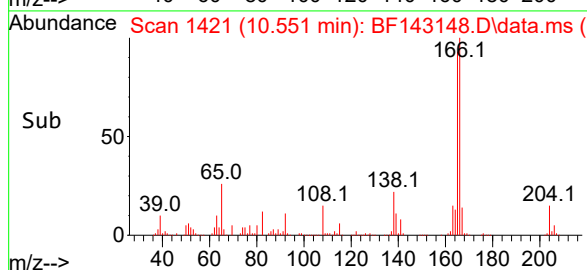
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

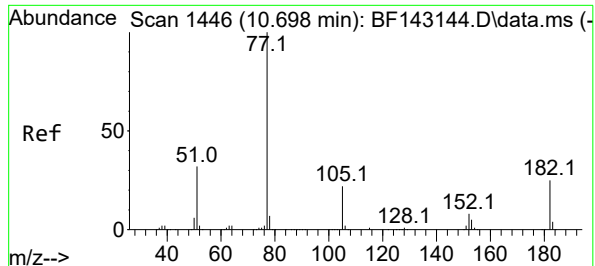


#62
4-Nitroaniline
Concen: 41.953 ng
RT: 10.551 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06



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





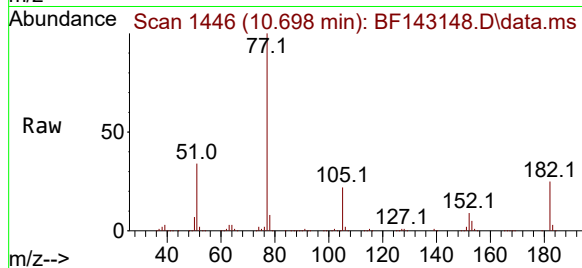
#63
Azobenzene
Concen: 40.414 ng
RT: 10.698 min Scan# 1446
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725

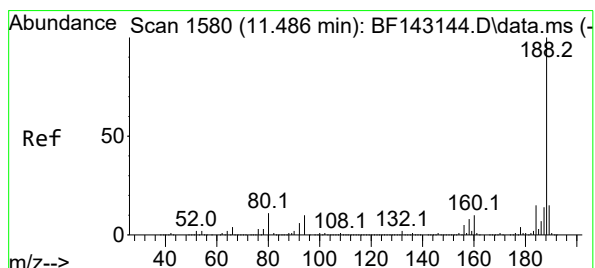
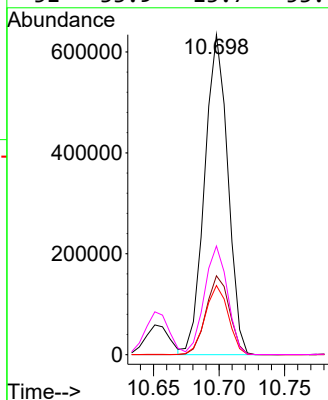
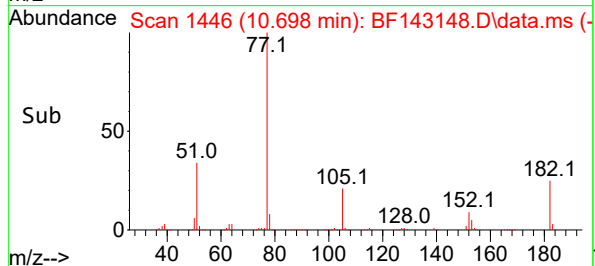


Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.6	4.6	44.6
105	21.6	1.4	41.4
51	33.9	13.7	53.7

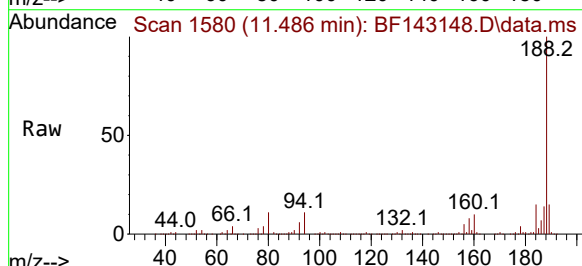
Manual Integrations

APPROVED

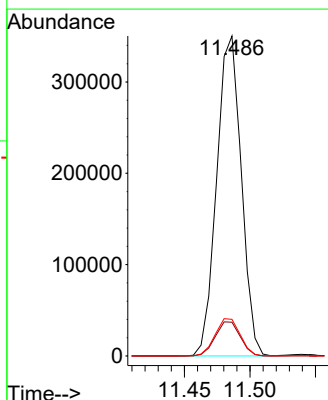
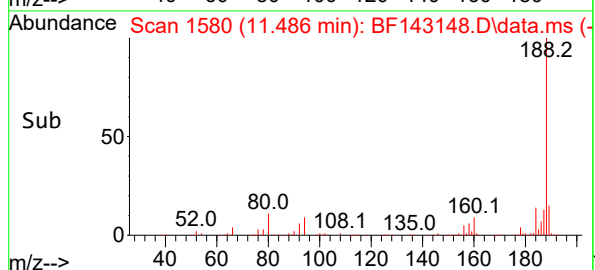
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

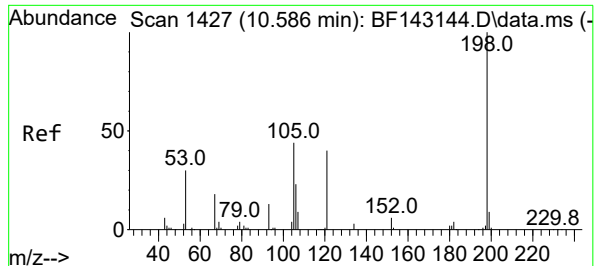


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06



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





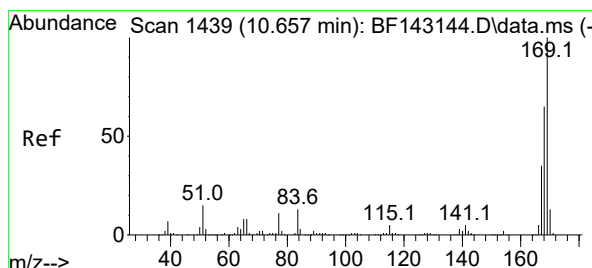
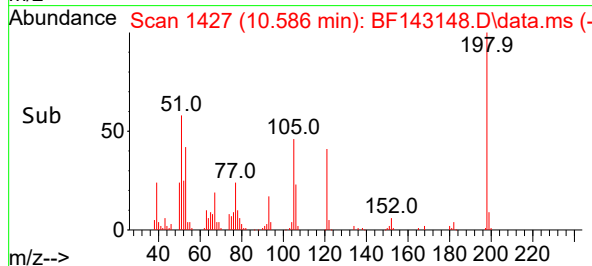
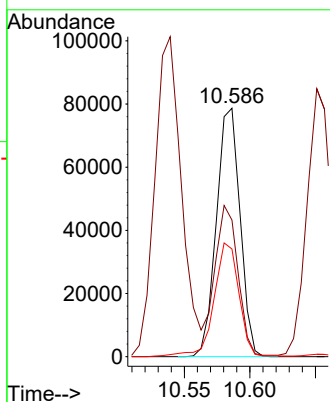
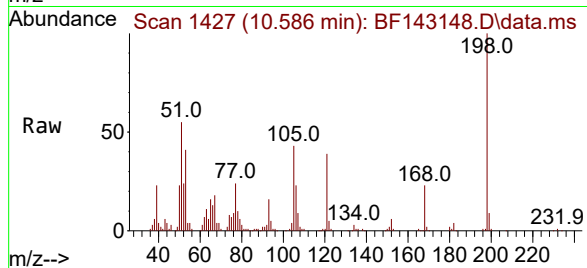
#65
4,6-Dinitro-2-methylphenol
Concen: 41.869 ng
RT: 10.586 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

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

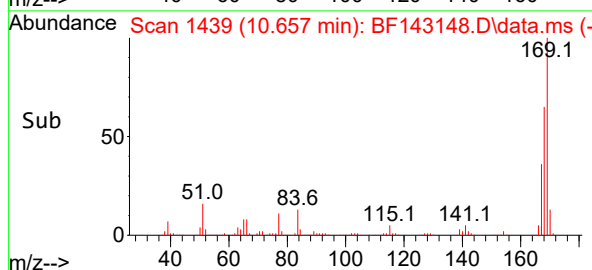
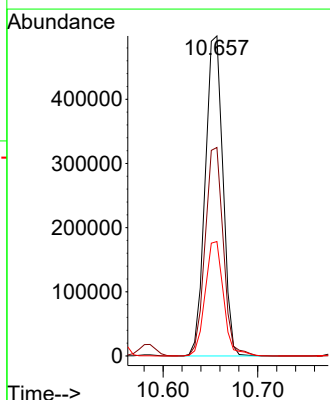
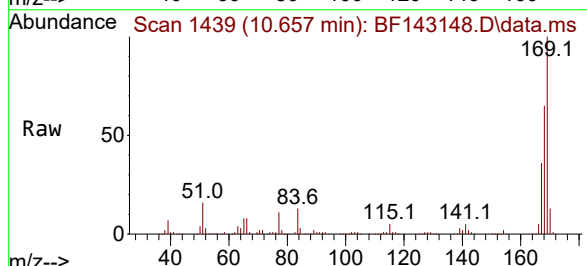
Manual Integrations
APPROVED

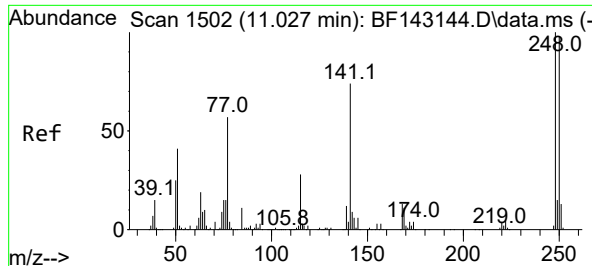
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

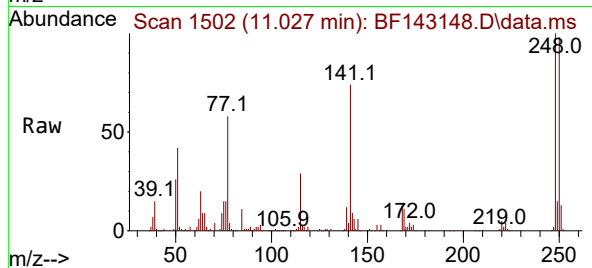
Tgt Ion:169 Resp: 647855
Ion Ratio Lower Upper
169 100
168 65.2 52.1 78.1
167 35.8 28.2 42.2





#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

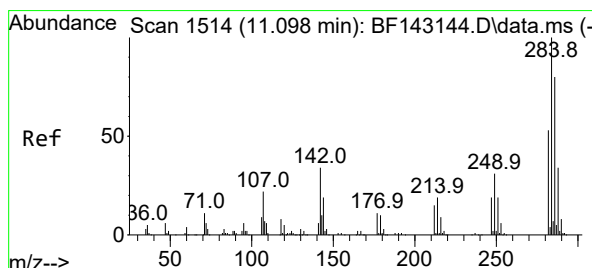
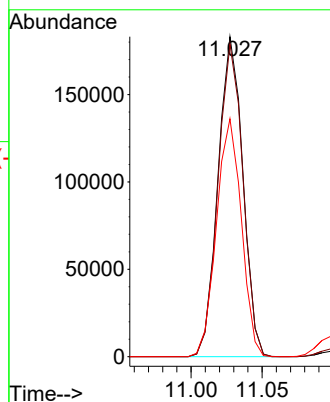
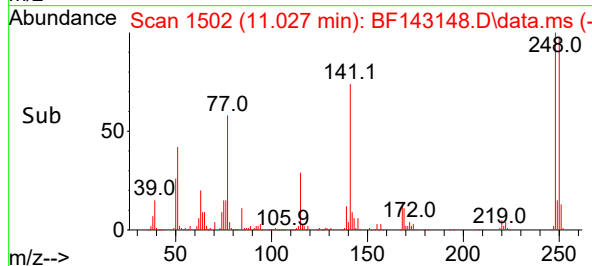
Instrument :
BNA_F
ClientSampleId :
ICVBF071725



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

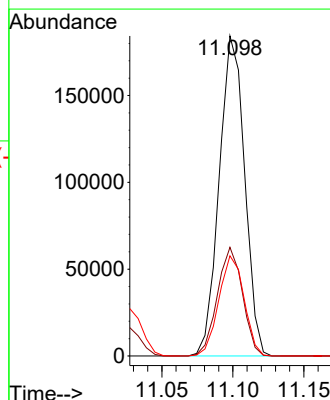
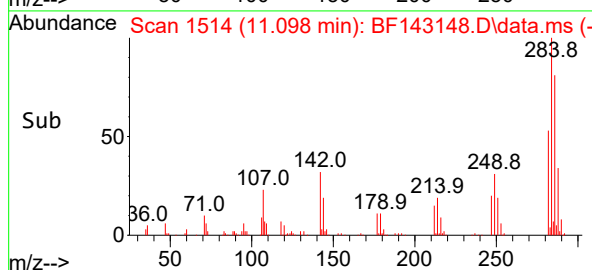
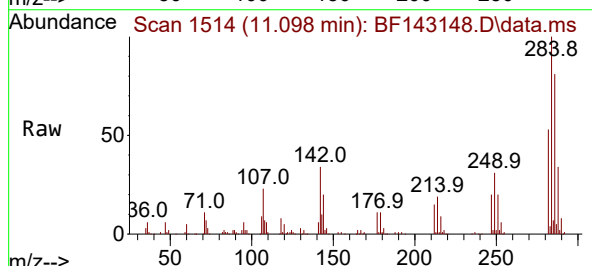
Manual Integrations
APPROVED

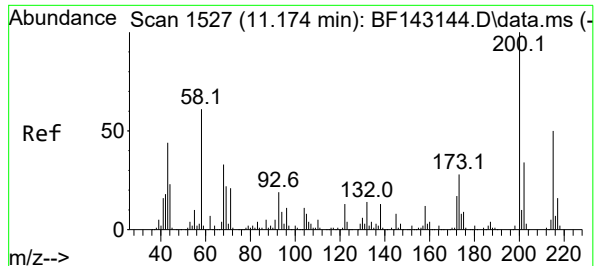
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

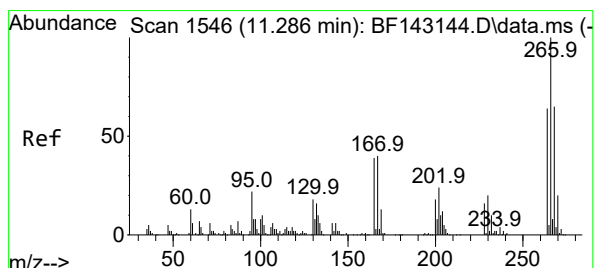
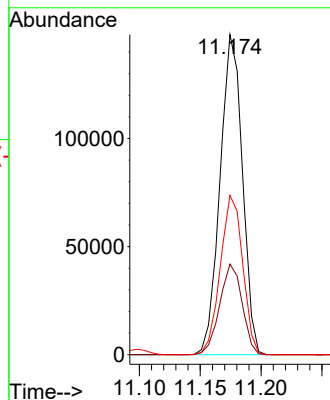
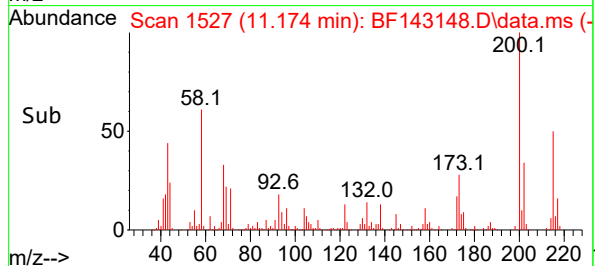
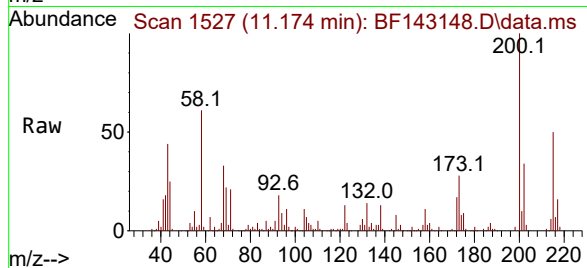
215 49.8 30.1 70.1

Manual Integrations

APPROVED

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

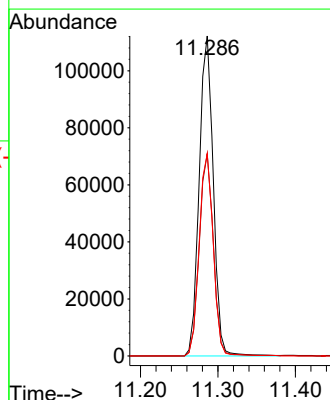
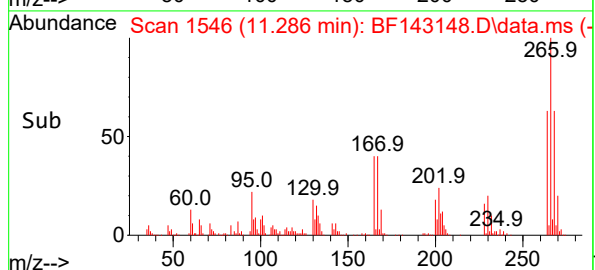
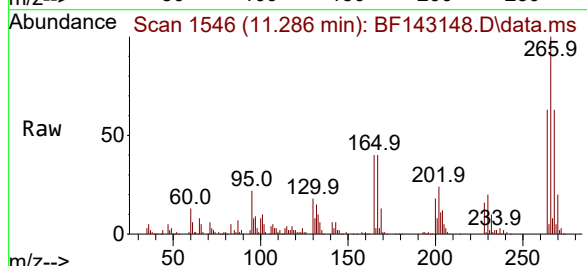
Tgt Ion:266 Resp: 141608

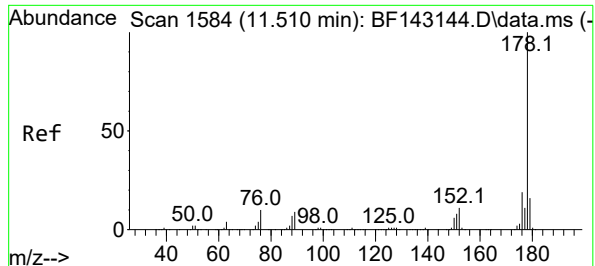
Ion Ratio Lower Upper

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

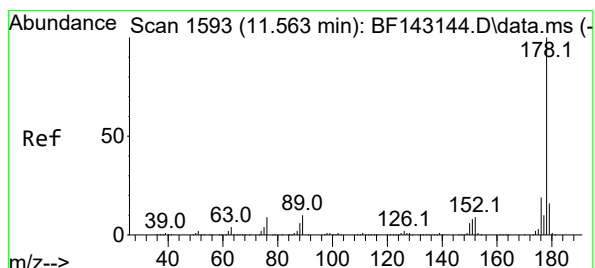
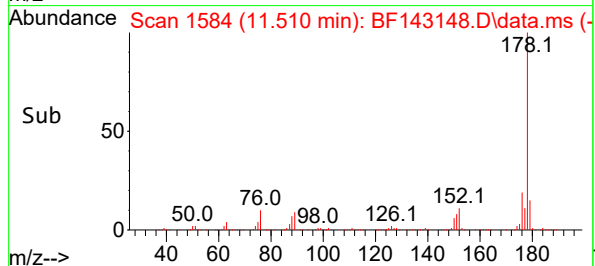
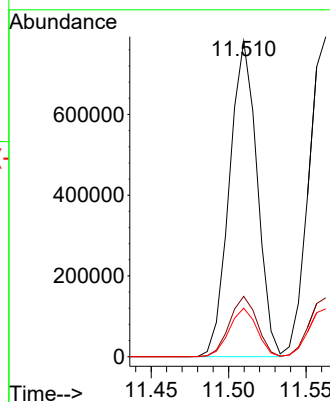
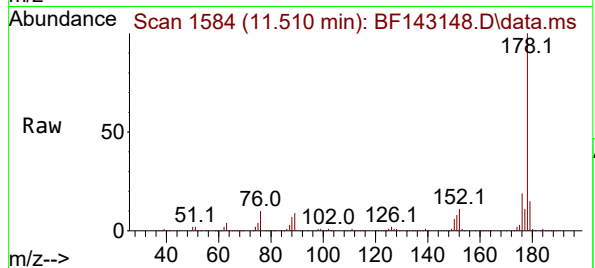
179 15.3 12.5 18.7

Manual Integrations

APPROVED

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

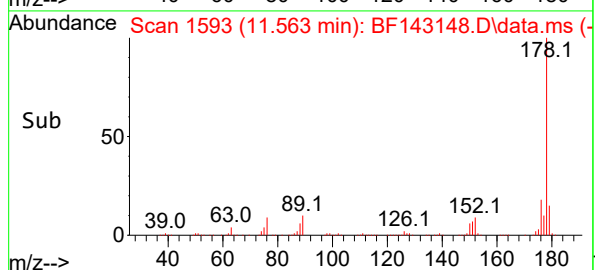
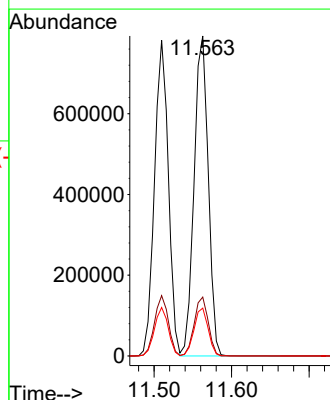
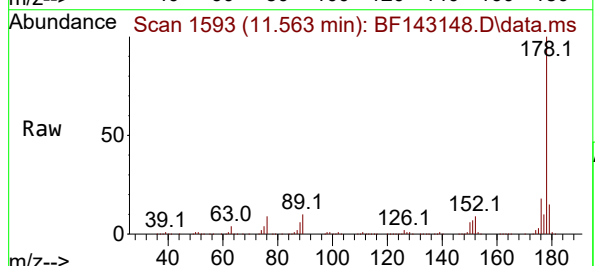
Tgt Ion:178 Resp: 1003925

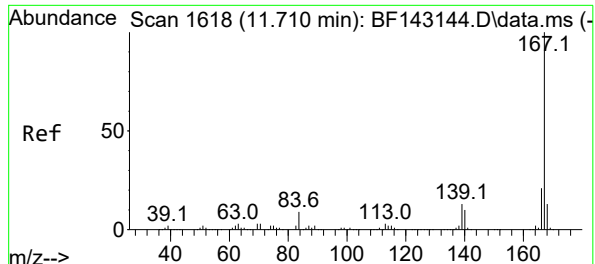
Ion Ratio Lower Upper

178 100

176 18.4 15.0 22.4

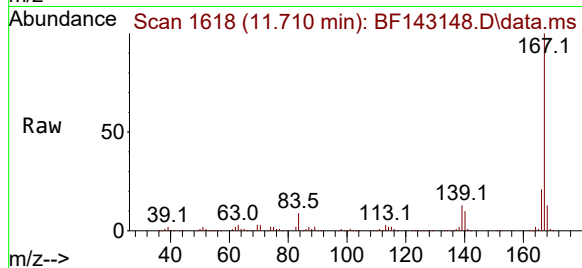
179 15.0 12.5 18.7





#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

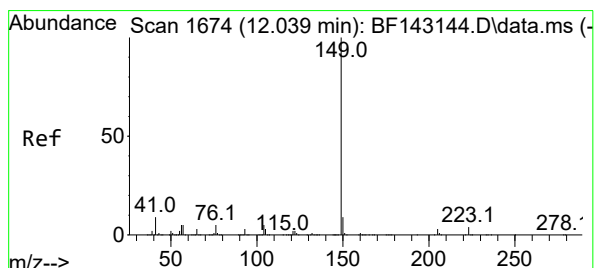
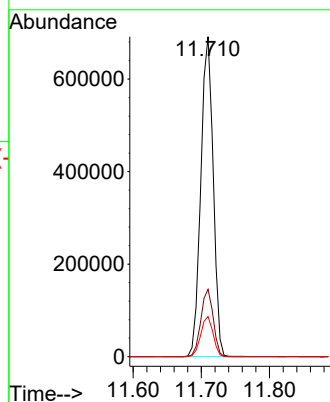
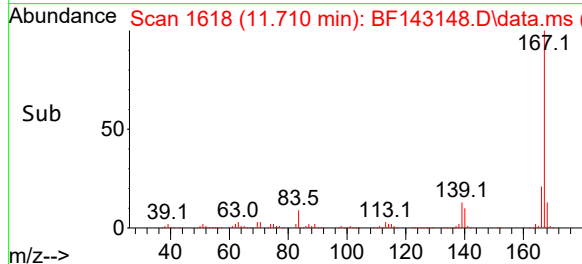
Instrument :
BNA_F
ClientSampleId :
ICVBF071725



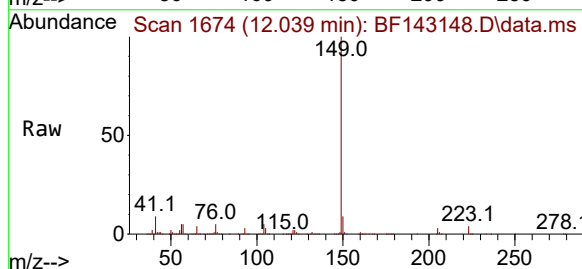
Tgt Ion:167 Resp: 87486
Ion Ratio Lower Upper
167 100
166 21.1 17.0 25.6
139 12.5 10.0 15.0

Manual Integrations
APPROVED

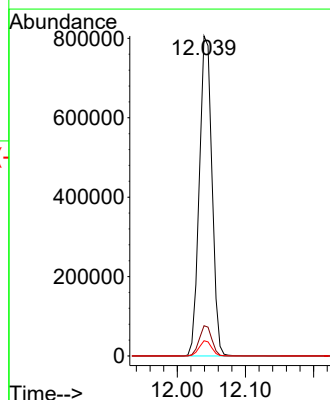
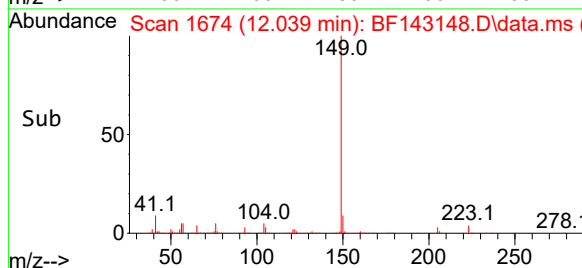
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

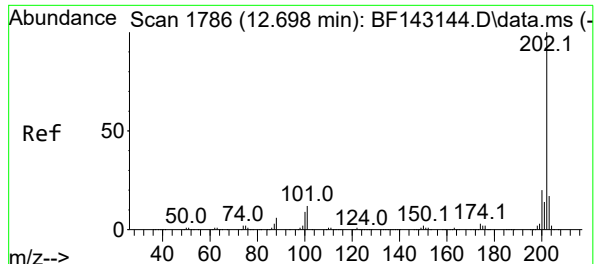


#74
Di-n-butylphthalate
Concen: 42.330 ng
RT: 12.039 min Scan# 1674
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06



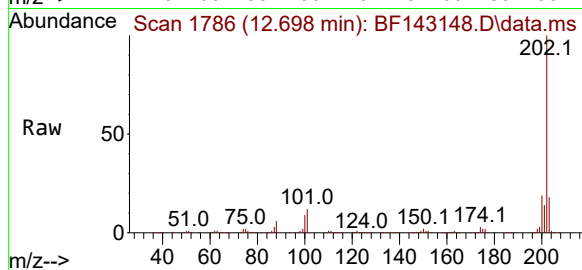
Tgt Ion:149 Resp: 1035244
Ion Ratio Lower Upper
149 100
150 9.4 7.4 11.2
104 4.7 3.8 5.8





#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

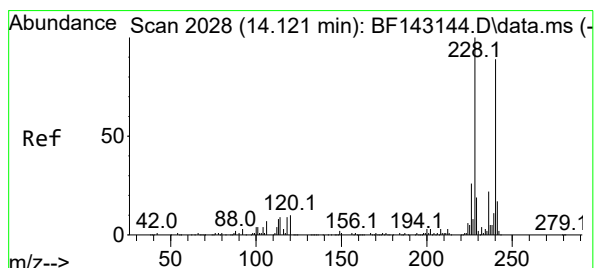
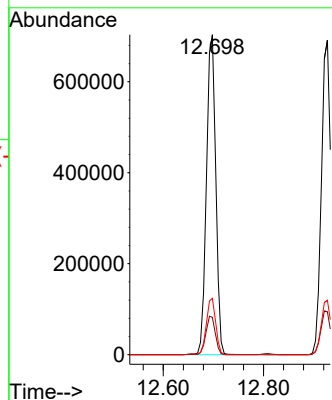
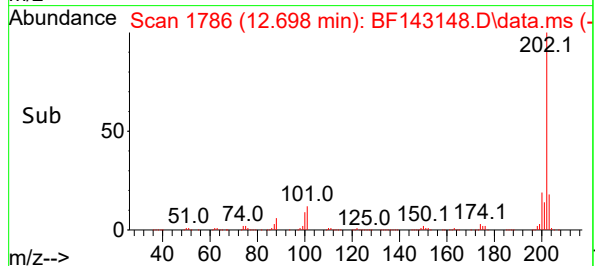
Instrument :
BNA_F
ClientSampleId :
ICVBF071725



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

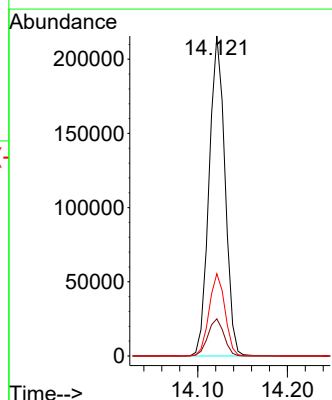
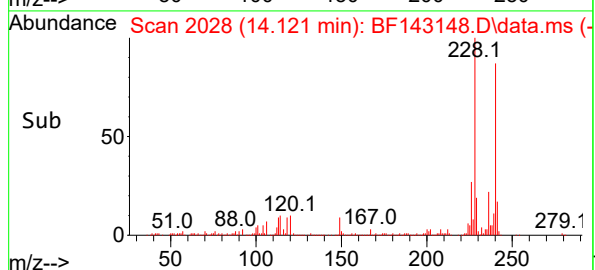
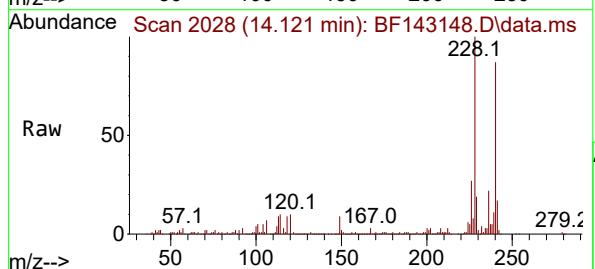
Manual Integrations
APPROVED

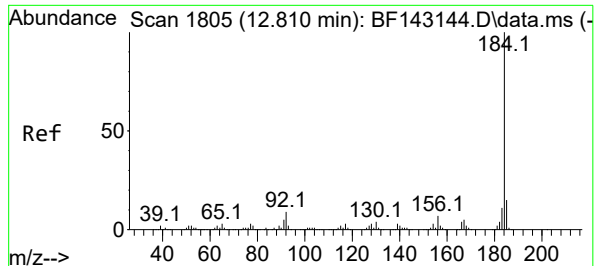
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

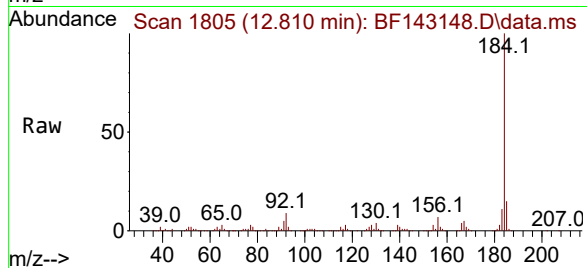
Tgt Ion:240 Resp: 265008
Ion Ratio Lower Upper
240 100
120 11.6 9.4 14.2
236 25.7 20.2 30.4





#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

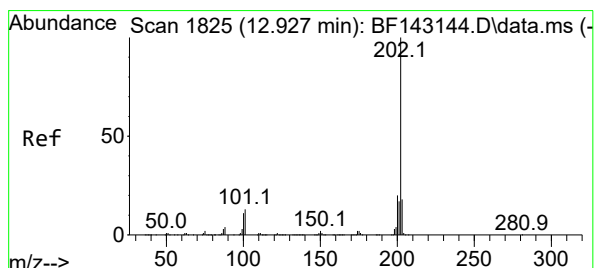
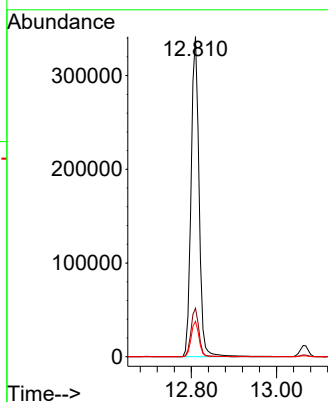
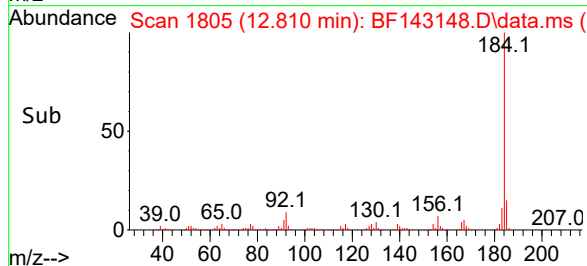
Instrument :
BNA_F
ClientSampleId :
ICVBF071725



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

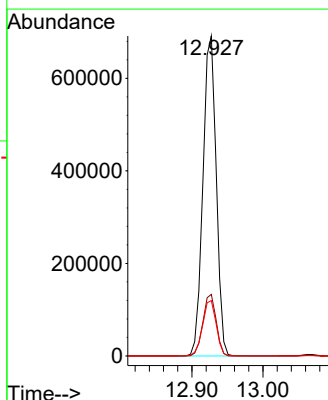
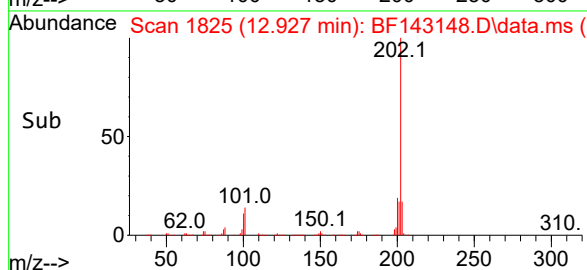
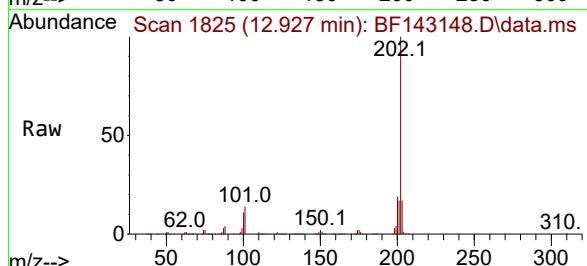
Manual Integrations
APPROVED

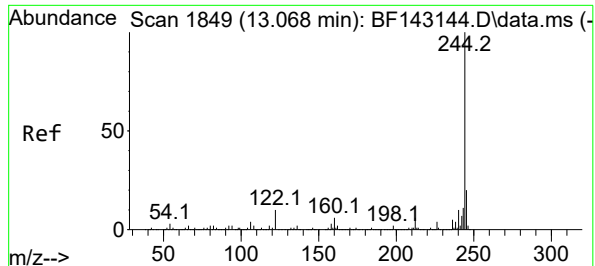
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

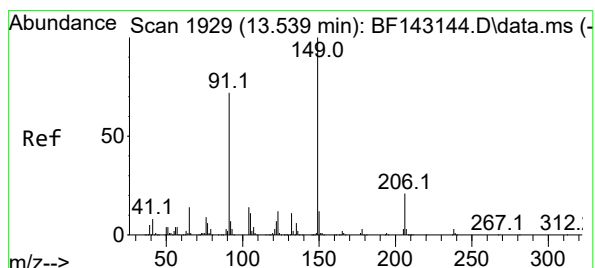
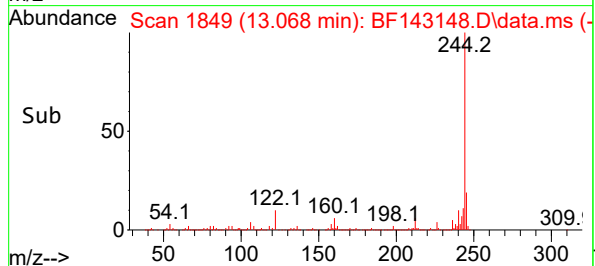
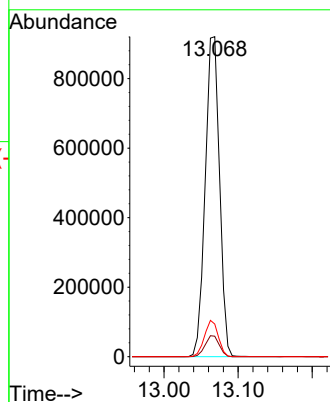
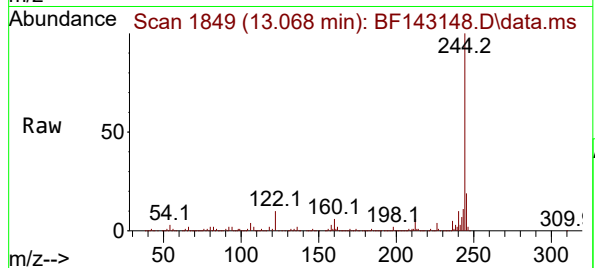
122 10.2 8.2 12.2

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

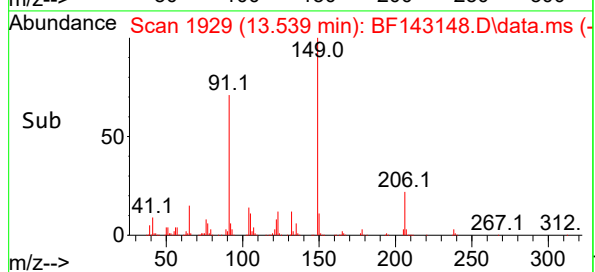
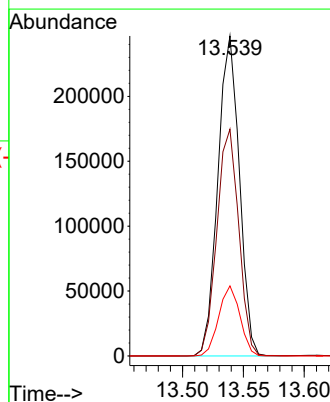
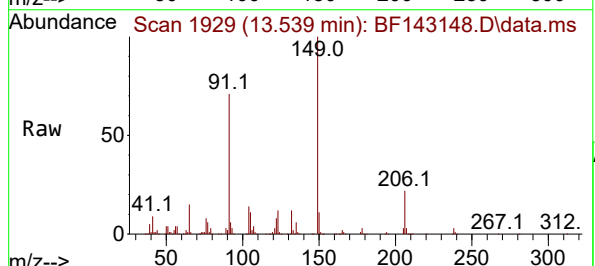
Tgt Ion:149 Resp: 303528

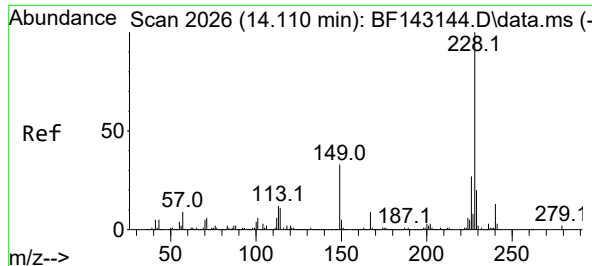
Ion Ratio Lower Upper

149 100

91 70.9 57.9 86.9

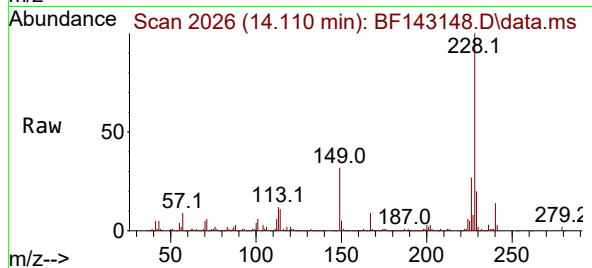
206 21.9 17.0 25.4





#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

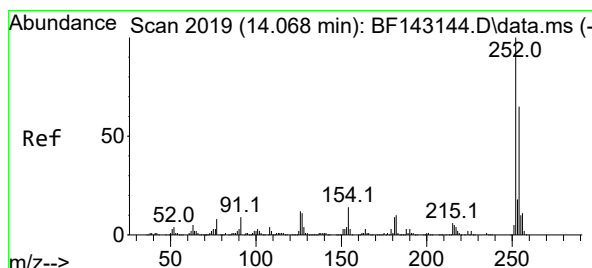
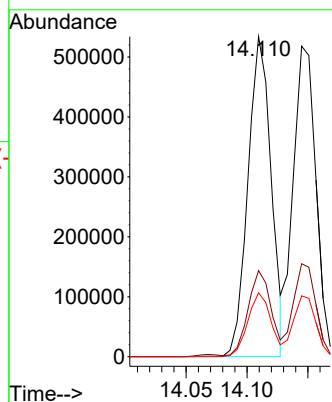
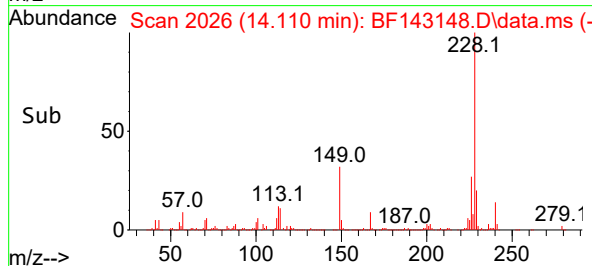
Instrument :
BNA_F
ClientSampleId :
ICVBF071725



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

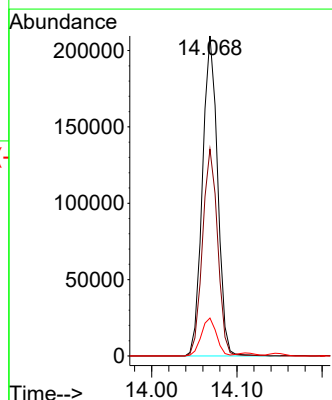
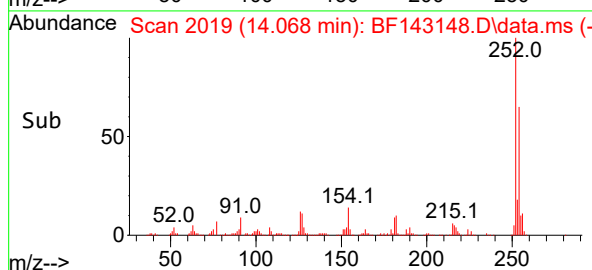
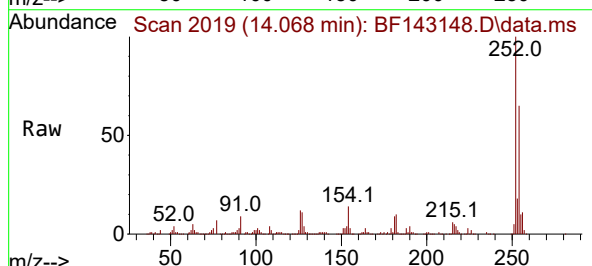
Manual Integrations
APPROVED

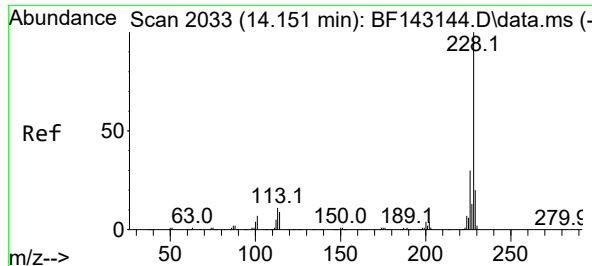
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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





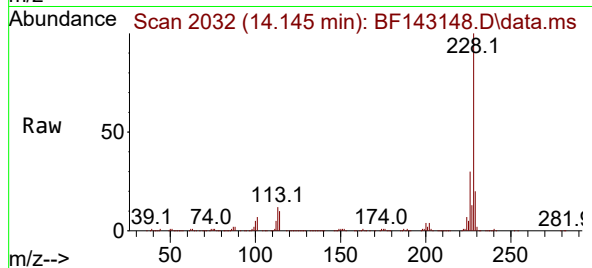
#83
Chrysene
Concen: 42.233 ng
RT: 14.145 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725



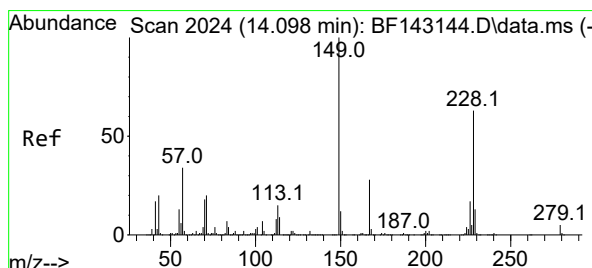
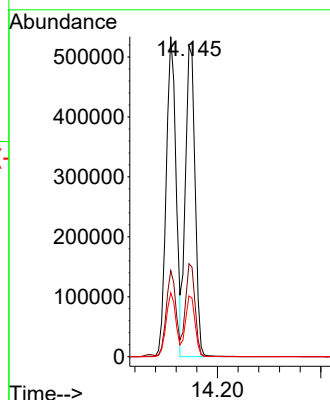
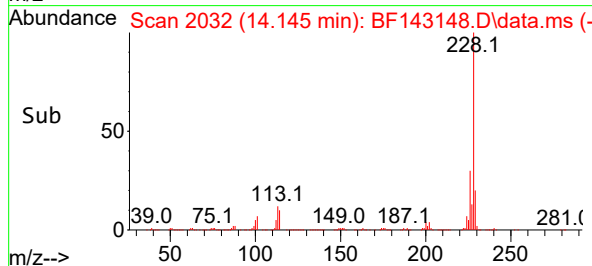
Tgt Ion:228 Resp: 67370
Ion Ratio Lower Upper
228 100
226 29.9 23.8 35.8
229 19.6 15.6 23.4

Manual Integrations

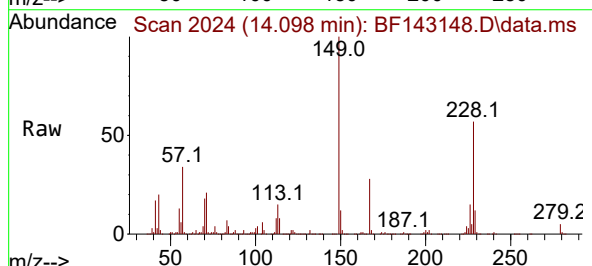
APPROVED

Reviewed By :Rahul Chavli 07/18/2025

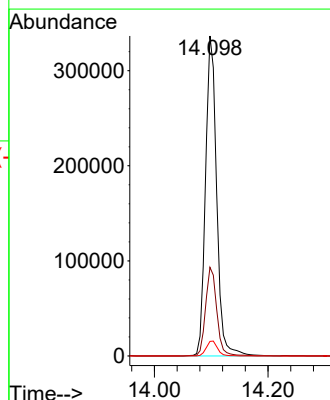
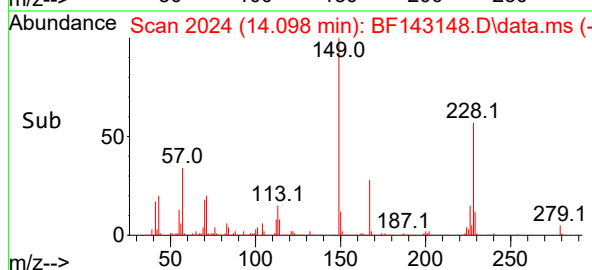
Supervised By :Jagrut Upadhyay 07/18/2025

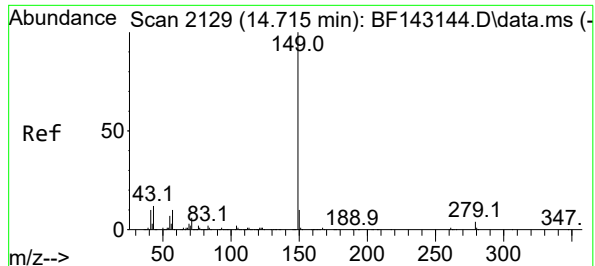


#84
Bis(2-ethylhexyl)phthalate
Concen: 43.578 ng
RT: 14.098 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06



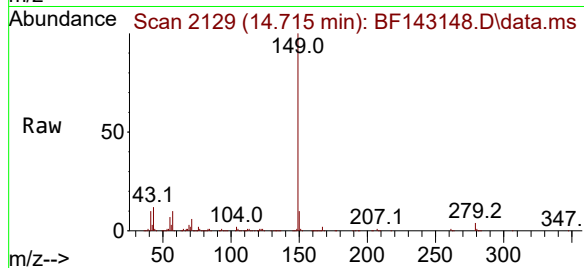
Tgt Ion:149 Resp: 456811
Ion Ratio Lower Upper
149 100
167 27.7 22.3 33.5
279 4.6 3.6 5.4





#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

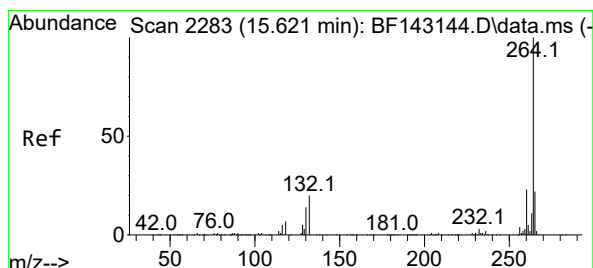
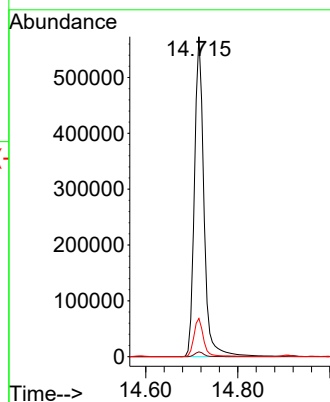
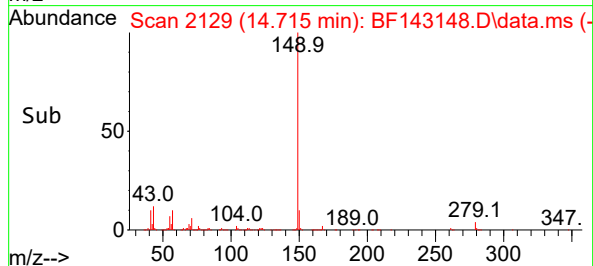
Instrument :
BNA_F
ClientSampleId :
ICVBF071725



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

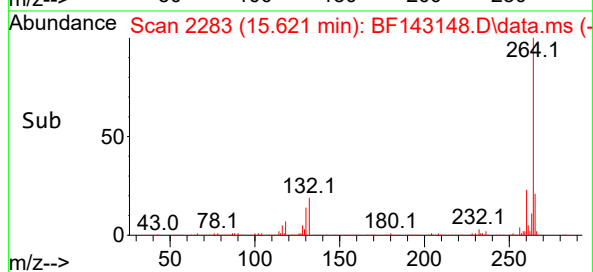
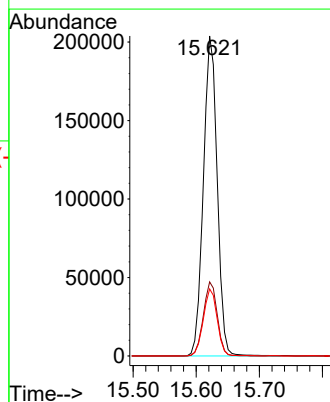
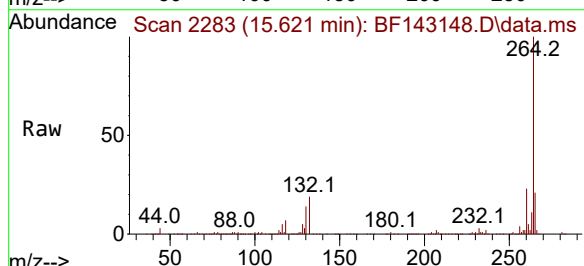
Manual Integrations
APPROVED

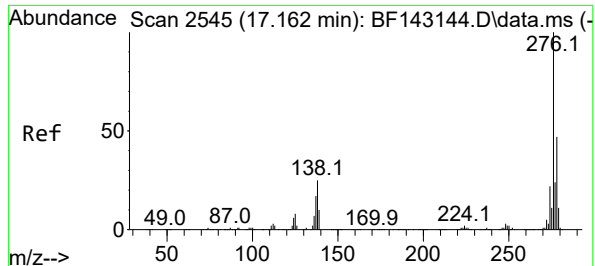
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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





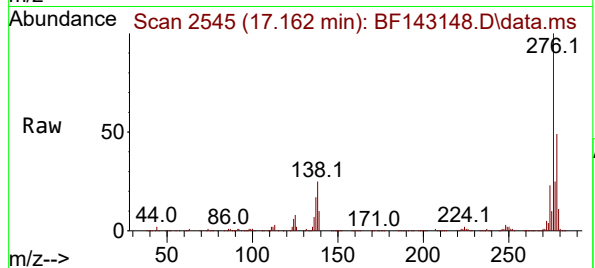
#87
Indeno(1,2,3-cd)pyrene
Concen: 40.983 ng
RT: 17.162 min Scan# 2545
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725

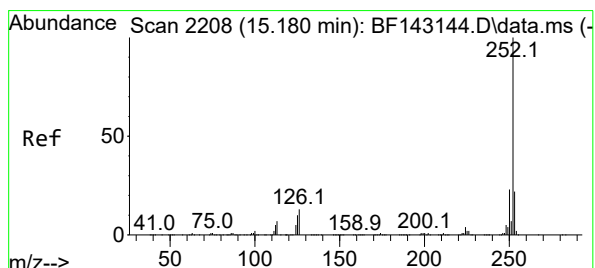
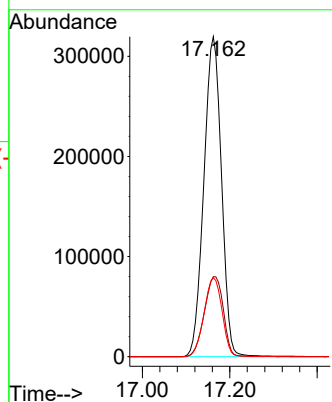
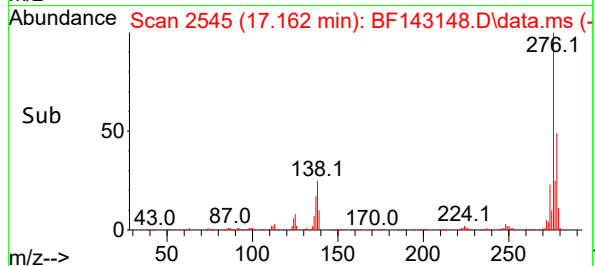


Tgt Ion:276 Resp: 896404
Ion Ratio Lower Upper
276 100
138 26.9 21.8 32.6
277 25.2 20.0 30.0

Manual Integrations

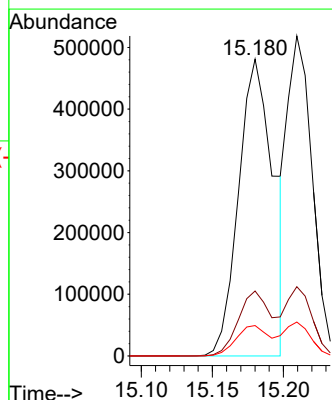
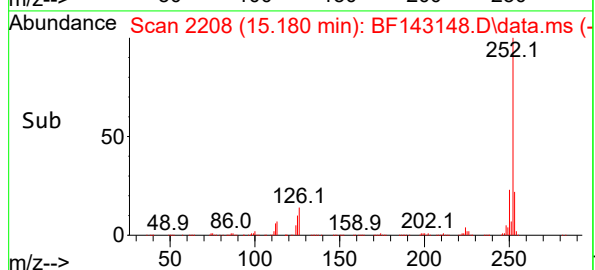
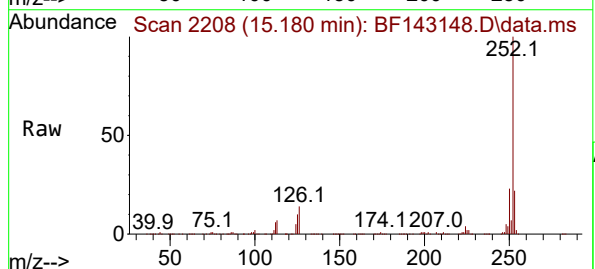
APPROVED

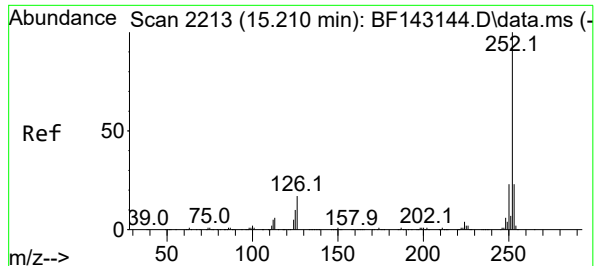
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#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

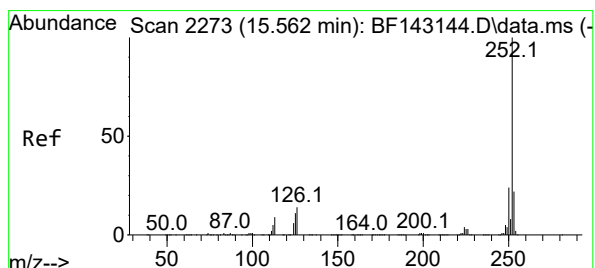
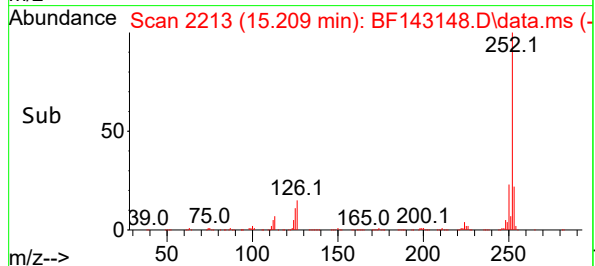
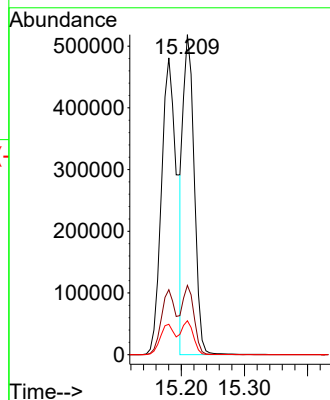
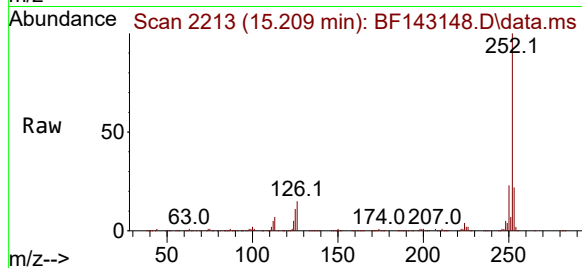
125 10.6 8.1 12.1

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

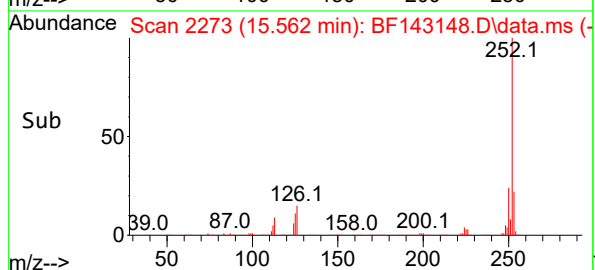
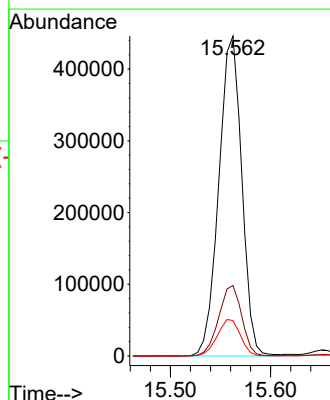
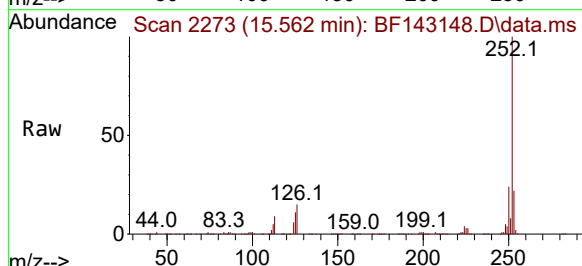
Tgt Ion:252 Resp: 708756

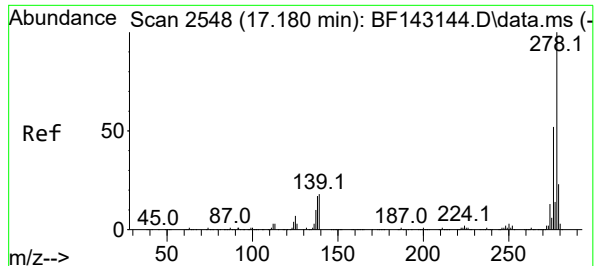
Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 11.1 8.6 13.0





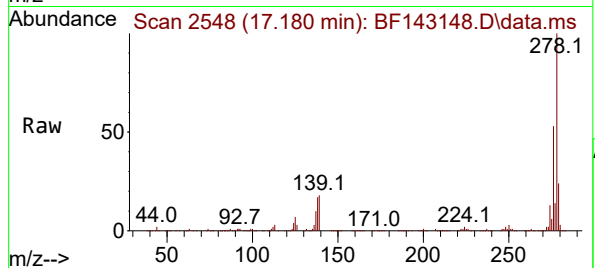
#91
Dibenzo(a,h)anthracene
Concen: 40.710 ng
RT: 17.180 min Scan# 2548
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725

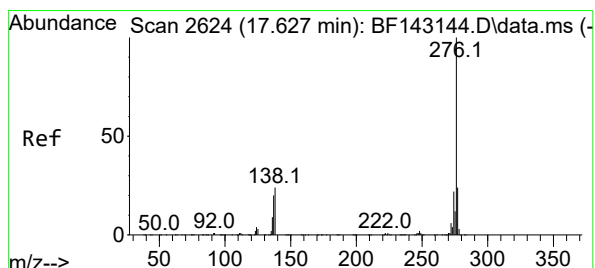
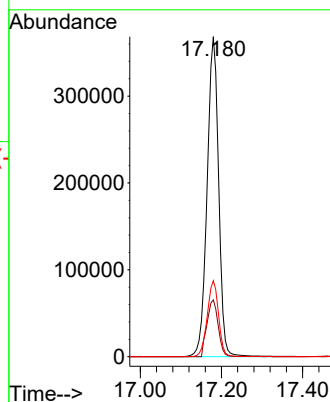
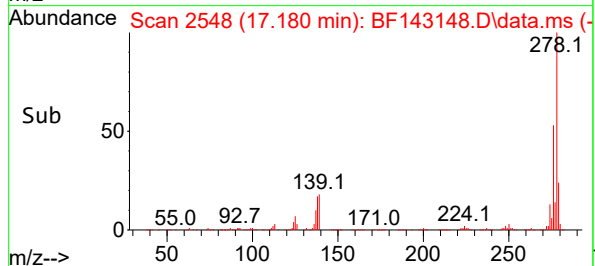


Tgt Ion:278 Resp: 724758
Ion Ratio Lower Upper
278 100
139 17.8 14.1 21.1
279 23.8 18.6 28.0

Manual Integrations

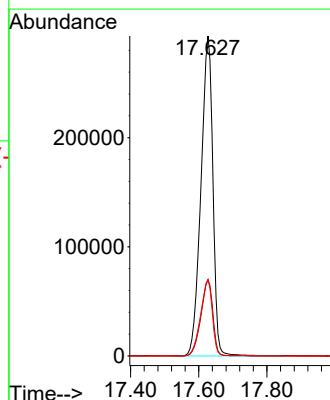
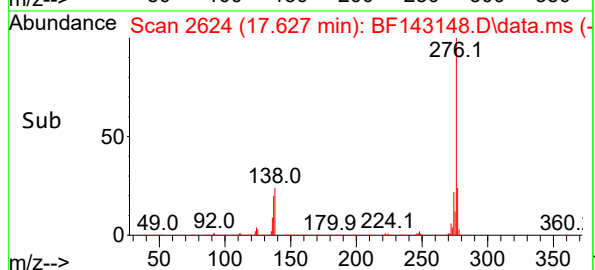
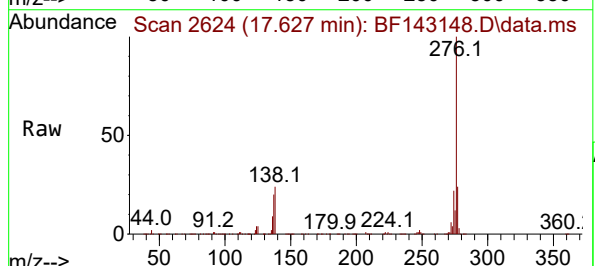
APPROVED

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

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	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: ENTA05
 Lab Code: ACE SDG No.: Q2733
 Instrument ID: BNA_F Calibration Date/Time: 08/01/2025 10:39
 Lab File ID: BF143274.D Init. Calib. Date(s): 07/17/2025 07/17/2025
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:04 14:34
 GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.264	1.065		-15.7	
Phenol-d6	1.591	1.351		-15.1	
Phenol	1.733	1.533		-11.5	20.0
1,4-Dichlorobenzene	1.449	1.274		-12.1	20.0
Nitrobenzene-d5	0.401	0.369		-8.0	
1,2,4-Trichlorobenzene	0.302	0.274		-9.3	
Naphthalene	0.985	0.873		-11.4	
2-Fluorobiphenyl	1.462	1.298		-11.2	
2,4,6-Tribromophenol	0.207	0.191		-7.7	
Terphenyl-d14	1.344	1.186		-11.8	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080125\
 Data File : BF143274.D
 Acq On : 01 Aug 2025 10:39
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 01 11:46:47 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	119884	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	454267	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	232541	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	377334	20.000	ng	0.00
76) Chrysene-d12	14.127	240	218710	20.000	ng	0.00
86) Perylene-d12	15.633	264	248884	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	510556	67.393	ng	0.00
7) Phenol-d6	6.592	99	647646	67.919	ng	0.00
23) Nitrobenzene-d5	7.522	82	670316	73.554	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	177679	73.963	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1207710	71.028	ng	0.00
79) Terphenyl-d14	13.069	244	1037738	70.608	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.799	88	117309	32.725	ng	98
3) Pyridine	3.575	79	299469	32.186	ng	98
4) n-Nitrosodimethylamine	3.516	42	163940	34.127	ng	97
6) Aniline	6.622	93	443686	33.386	ng	97
8) 2-Chlorophenol	6.751	128	275634	34.710	ng	96
9) Benzaldehyde	6.510	77	245377	34.317	ng	97
10) Phenol	6.604	94	367473	35.375	ng	94
11) bis(2-Chloroethyl)ether	6.692	93	266539	33.511	ng	99
12) 1,3-Dichlorobenzene	6.904	146	304293	35.275	ng	100
13) 1,4-Dichlorobenzene	6.981	146	305373	35.152	ng	99
14) 1,2-Dichlorobenzene	7.134	146	294625	35.657	ng	99
15) Benzyl Alcohol	7.098	79	257660	35.389	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	487969	33.073	ng	98
17) 2-Methylphenol	7.210	107	230751	34.559	ng	99
18) Hexachloroethane	7.481	117	109541	36.424	ng	96
19) n-Nitroso-di-n-propyla...	7.375	70	206202	33.706	ng	100
20) 3+4-Methylphenols	7.363	107	285048	35.187	ng	# 80
22) Acetophenone	7.369	105	368805	34.292	ng	# 98
24) Nitrobenzene	7.539	77	307840	36.232	ng	98
25) Isophorone	7.781	82	555951	34.557	ng	99
26) 2-Nitrophenol	7.857	139	147081	39.887	ng	99
27) 2,4-Dimethylphenol	7.892	122	255780	34.030	ng	100
28) bis(2-Chloroethoxy)met...	7.987	93	332021	34.422	ng	100
29) 2,4-Dichlorophenol	8.098	162	227565	35.901	ng	99
30) 1,2,4-Trichlorobenzene	8.187	180	249331	36.409	ng	99
31) Naphthalene	8.269	128	792806	35.437	ng	100
32) Benzoic acid	7.998	122	139778m	34.630	ng	
33) 4-Chloroaniline	8.310	127	319441	34.969	ng	99
34) Hexachlorobutadiene	8.386	225	155981	37.286	ng	99
35) Caprolactam	8.675	113	70474	36.792	ng	99
36) 4-Chloro-3-methylphenol	8.786	107	248737	36.103	ng	100
37) 2-Methylnaphthalene	8.957	142	484140	35.563	ng	100
38) 1-Methylnaphthalene	9.057	142	500492	35.702	ng	100
40) 1,2,4,5-Tetrachloroben...	9.122	216	245698	36.596	ng	99
41) Hexachlorocyclopentadiene	9.116	237	143931	32.948	ng	99
43) 2,4,6-Trichlorophenol	9.233	196	161168	34.686	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080125\
 Data File : BF143274.D
 Acq On : 01 Aug 2025 10:39
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 01 11:46:47 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	173381	37.303	ng	100
46) 1,1'-Biphenyl	9.422	154	646187	35.617	ng	100
47) 2-Chloronaphthalene	9.445	162	479709	35.734	ng	99
48) 2-Nitroaniline	9.533	65	164106	38.982	ng	99
49) Acenaphthylene	9.863	152	792187	35.213	ng	100
50) Dimethylphthalate	9.716	163	550866	36.342	ng	99
51) 2,6-Dinitrotoluene	9.775	165	120087	38.945	ng	99
52) Acenaphthene	10.033	154	480574	36.142	ng	99
53) 3-Nitroaniline	9.945	138	132338	36.693	ng	98
54) 2,4-Dinitrophenol	10.051	184	50762	39.961	ng #	1
55) Dibenzofuran	10.204	168	693855	35.147	ng	99
56) 4-Nitrophenol	10.098	139	90303	33.529	ng	99
57) 2,4-Dinitrotoluene	10.180	165	154384	39.907	ng	93
58) Fluorene	10.551	166	527840	35.625	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.322	232	139394	36.205	ng	98
60) Diethylphthalate	10.416	149	536815	35.831	ng	100
61) 4-Chlorophenyl-phenyle...	10.539	204	267125	36.207	ng	99
62) 4-Nitroaniline	10.557	138	117399	37.980	ng	98
63) Azobenzene	10.698	77	534346	34.221	ng	99
65) 4,6-Dinitro-2-methylph...	10.592	198	74244	38.713	ng	97
66) n-Nitrosodiphenylamine	10.657	169	465562	35.039	ng	99
67) 4-Bromophenyl-phenylether	11.028	248	159457	35.460	ng	98
68) Hexachlorobenzene	11.104	284	169525	36.068	ng	97
69) Atrazine	11.180	200	138297	37.754	ng	99
70) Pentachlorophenol	11.292	266	145865	52.772	ng	98
71) Phenanthrene	11.510	178	707168	35.296	ng	100
72) Anthracene	11.563	178	721846	35.326	ng	100
73) Carbazole	11.716	167	635252	35.603	ng	100
74) Di-n-butylphthalate	12.039	149	753299	37.312	ng	100
75) Fluoranthene	12.704	202	669955	36.431	ng	99
77) Benzidine	12.816	184	307417	36.483	ng	98
78) Pyrene	12.933	202	661688	35.449	ng	99
80) Butylbenzylphthalate	13.539	149	242957	42.507	ng	99
81) Benzo(a)anthracene	14.116	228	549044	37.496	ng	99
82) 3,3'-Dichlorobenzidine	14.074	252	185482	38.007	ng	100
83) Chrysene	14.157	228	463660	35.219	ng	100
84) Bis(2-ethylhexyl)phtha...	14.098	149	329547	38.092	ng	99
85) Di-n-octyl phthalate	14.715	149	566613	36.132	ng	99
87) Indeno(1,2,3-cd)pyrene	17.180	276	643679	36.678	ng	97
88) Benzo(b)fluoranthene	15.192	252	528361	34.750	ng	99
89) Benzo(k)fluoranthene	15.221	252	485473	35.781	ng	99
90) Benzo(a)pyrene	15.568	252	497327	35.501	ng	99
91) Dibenzo(a,h)anthracene	17.198	278	518967	36.331	ng	99
92) Benzo(g,h,i)perylene	17.651	276	514198	37.213	ng	97

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

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Abundance

TIC: BF143274.D\data.ms

Time-->

1,4-Dioxane

n-Nitrosodimethylamine

2-Fluorophenol, S

Benzaldehyde

Phenol-d6, S

3+4-Acetylbasoids

2-Chloro-3-methylphenol, C

Hexachlorobenzene

Nitrobenzene-d5, S

n-Nitroso-n-propylamine, P-

Isobutylene

2-Nitrophenol, C

Caprolactam

4-Chloro-3-methylphenol, C

2-Methylphthalate

2-Chloronaphthalene

Acenaphthylene

Acenaphthene, C

Dibenzofuran

Diethyl phthalate

4-Chlorophenyl-phenylether

4-Nitrophenyl-phenylether

Phenanthrene

Carbazole

Di-n-butylphthalate

Fluoranthene, C

Pyrene

Terphenyl-d14, S

Butyl/benzylphthalate

3,3'-Dichlorobenzidine

Di-n-octyl phthalate, c

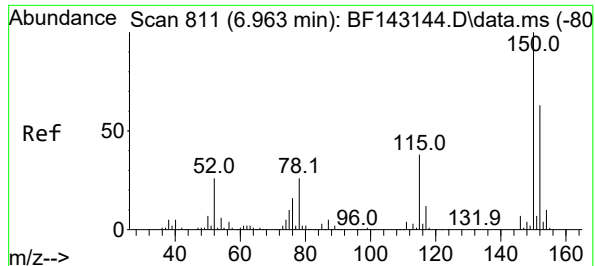
Benz(a)pyrene

Perylene-d12, I

Benzo(a)pyrene, C

Indeno(1,2,3-cd)pyrene

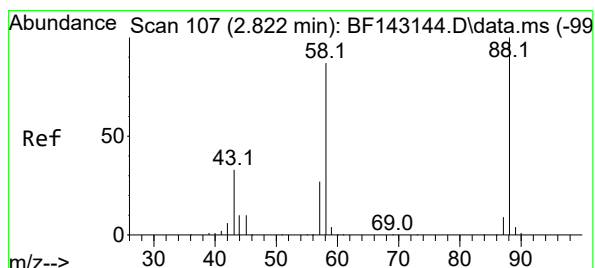
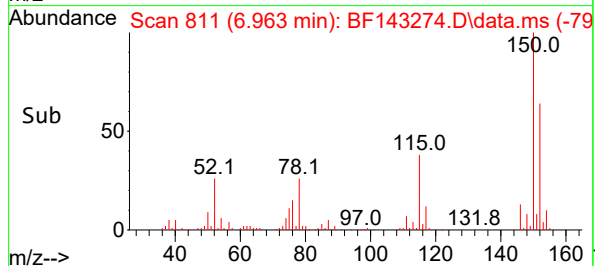
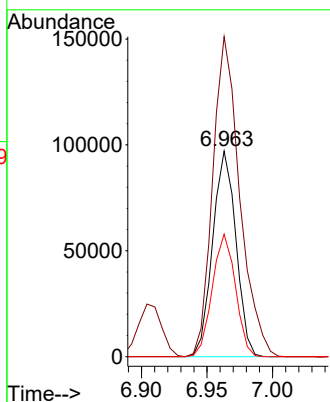
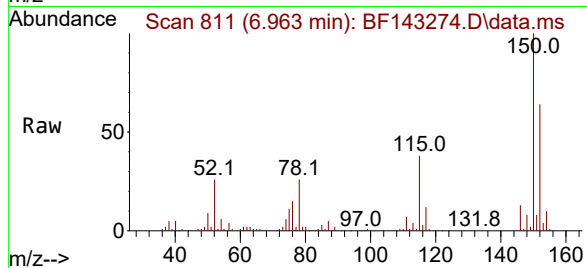
Benzo(g,h,i)perylene



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF143274.D
Acq: 01 Aug 2025 10:39

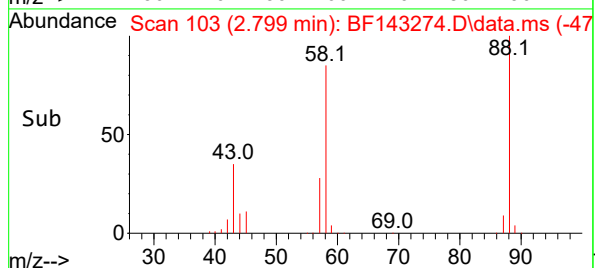
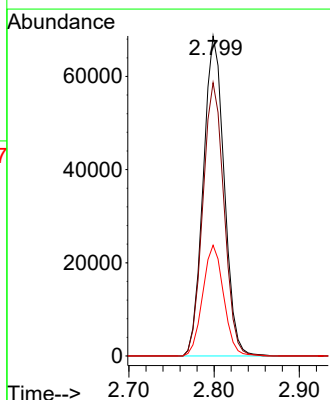
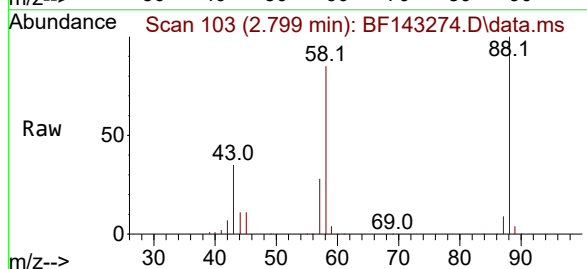
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

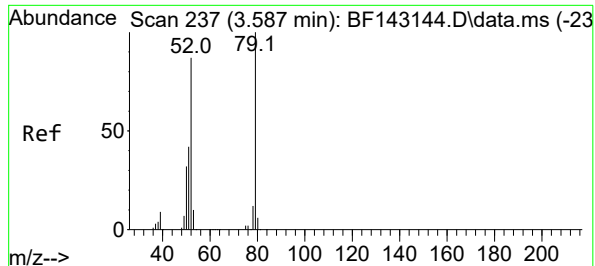
Tgt Ion:152 Resp: 119884
Ion Ratio Lower Upper
152 100
150 155.6 128.2 192.4
115 59.5 47.9 71.9



#2
1,4-Dioxane
Concen: 32.725 ng
RT: 2.799 min Scan# 103
Delta R.T. -0.023 min
Lab File: BF143274.D
Acq: 01 Aug 2025 10:39

Tgt Ion: 88 Resp: 117309
Ion Ratio Lower Upper
88 100
58 86.0 70.2 105.2
43 34.7 27.1 40.7

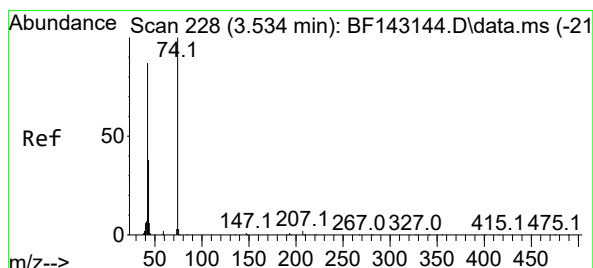
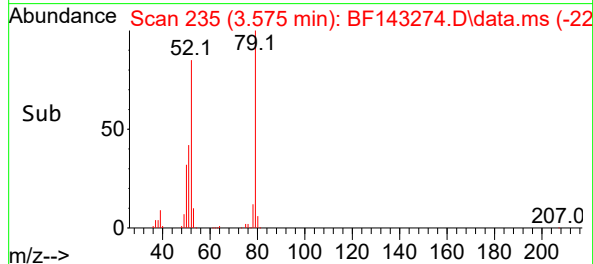
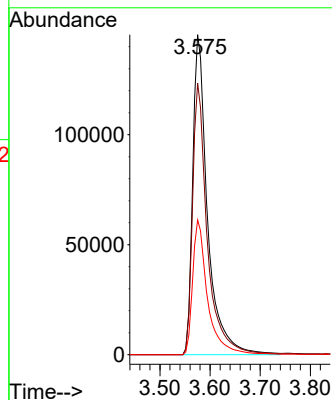
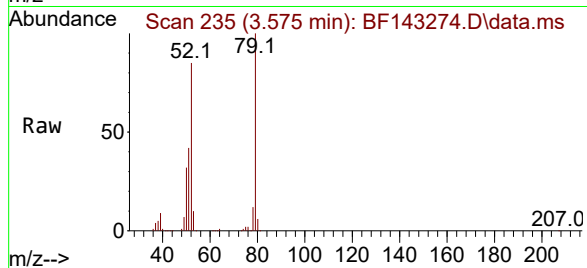




#3
Pyridine
Concen: 32.186 ng
RT: 3.575 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF143274.D
Acq: 01 Aug 2025 10:39

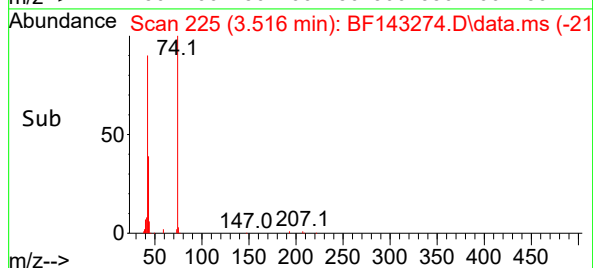
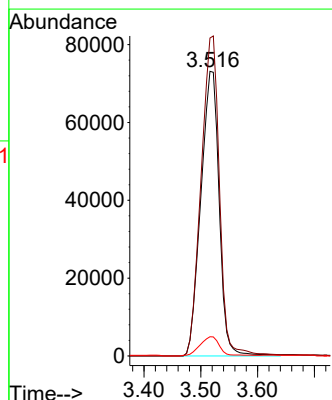
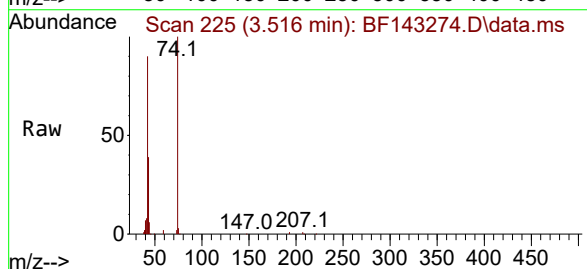
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

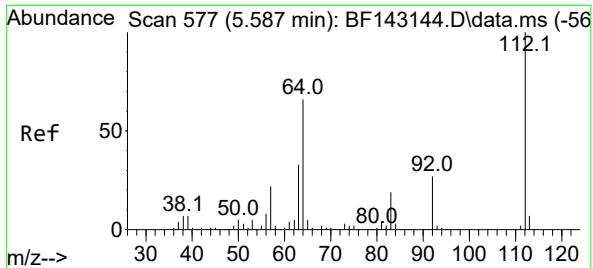
Tgt Ion: 79 Resp: 299469
Ion Ratio Lower Upper
79 100
52 84.8 69.4 104.2
51 42.1 33.5 50.3



#4
n-Nitrosodimethylamine
Concen: 34.127 ng
RT: 3.516 min Scan# 225
Delta R.T. -0.018 min
Lab File: BF143274.D
Acq: 01 Aug 2025 10:39

Tgt Ion: 42 Resp: 163940
Ion Ratio Lower Upper
42 100
74 111.7 91.7 137.5
44 6.7 5.6 8.4

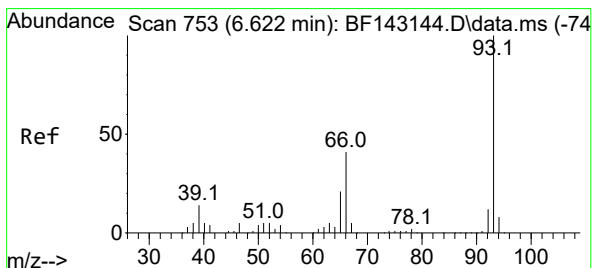
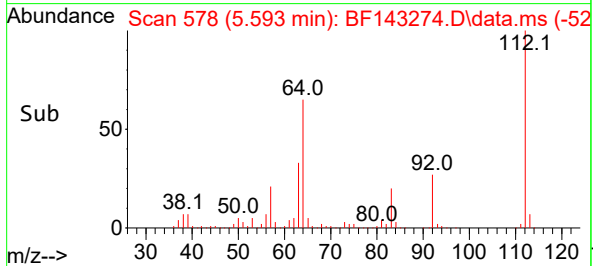
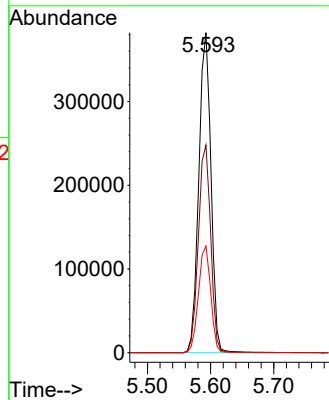
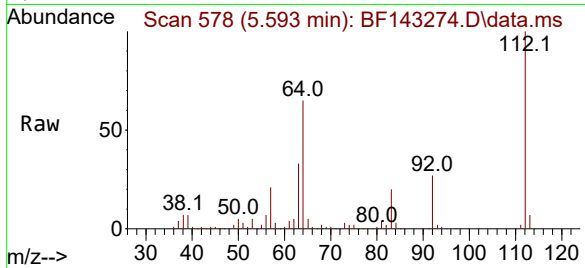




#5
2-Fluorophenol
Concen: 67.393 ng
RT: 5.593 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF143274.D
Acq: 01 Aug 2025 10:39

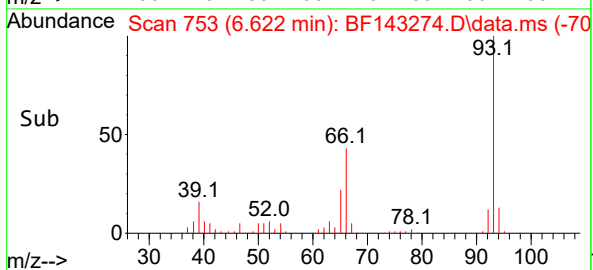
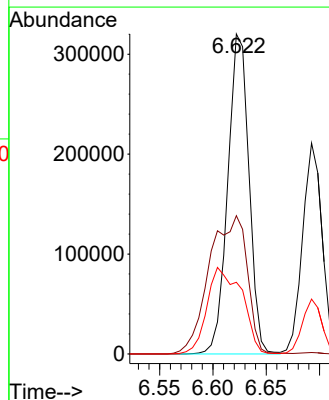
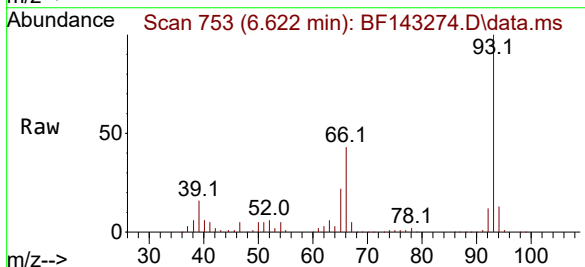
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

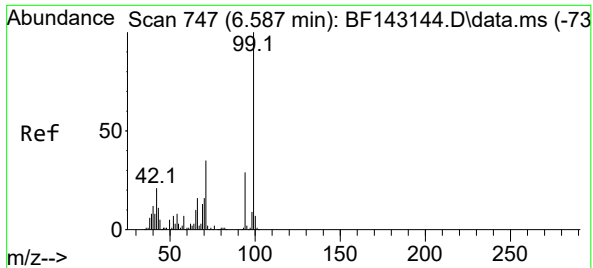
Tgt Ion:112 Resp: 510556
Ion Ratio Lower Upper
112 100
64 64.9 53.1 79.7
63 33.3 26.6 40.0



#6
Aniline
Concen: 33.386 ng
RT: 6.622 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF143274.D
Acq: 01 Aug 2025 10:39

Tgt Ion: 93 Resp: 443686
Ion Ratio Lower Upper
93 100
66 43.2 33.2 49.8
65 22.4 16.9 25.3

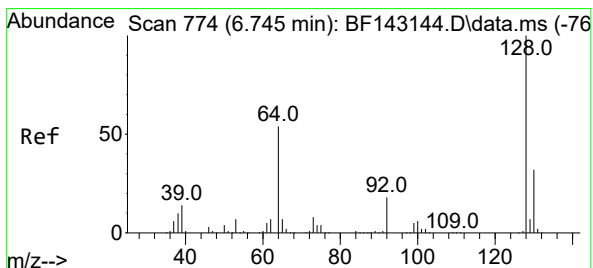
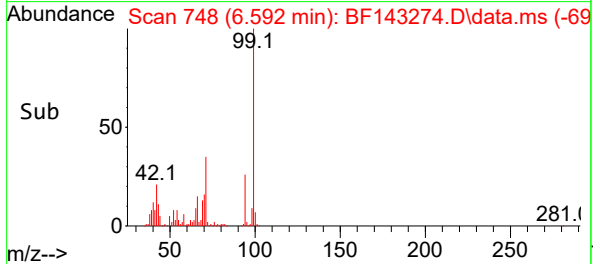
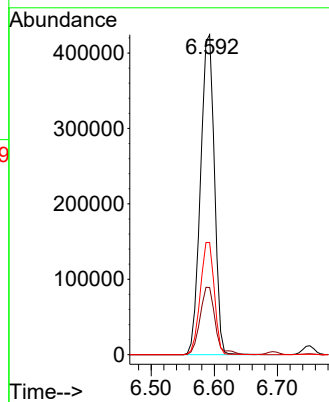
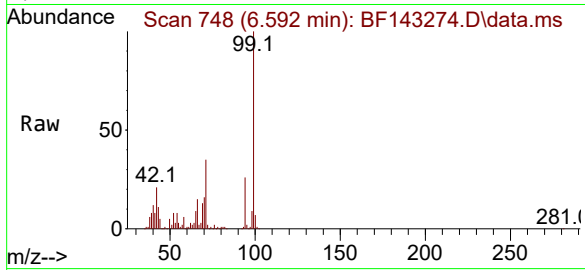




#7
Phenol-d6
Concen: 67.919 ng
RT: 6.592 min Scan# 747
Delta R.T. 0.006 min
Lab File: BF143274.D
Acq: 01 Aug 2025 10:39

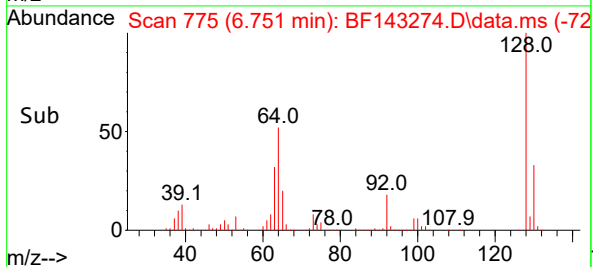
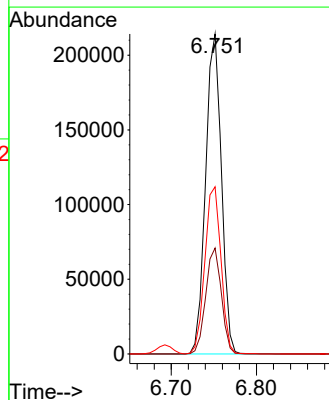
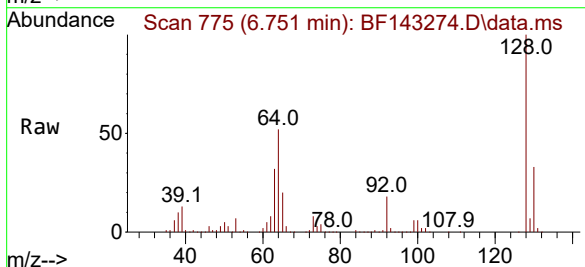
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

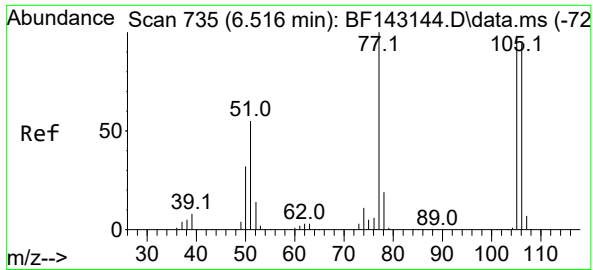
Tgt Ion: 99 Resp: 647646
Ion Ratio Lower Upper
99 100
42 21.0 17.0 25.6
71 35.1 27.7 41.5



#8
2-Chlorophenol
Concen: 34.710 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143274.D
Acq: 01 Aug 2025 10:39

Tgt Ion:128 Resp: 275634
Ion Ratio Lower Upper
128 100
130 33.1 12.3 52.3
64 52.3 35.9 75.9





#9

Benzaldehyde

Concen: 34.317 ng

RT: 6.510 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF143274.D

Acq: 01 Aug 2025 10:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

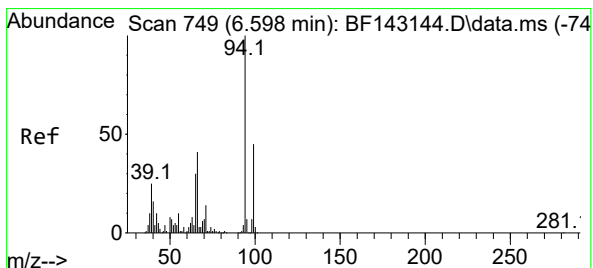
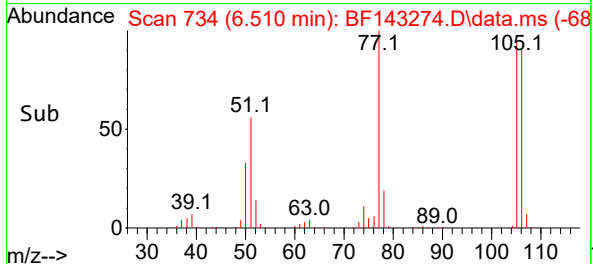
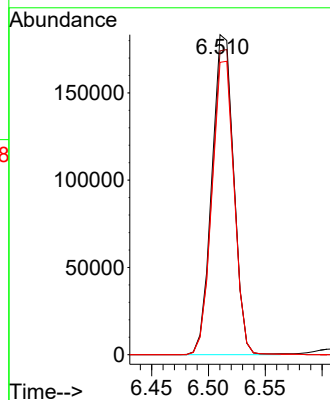
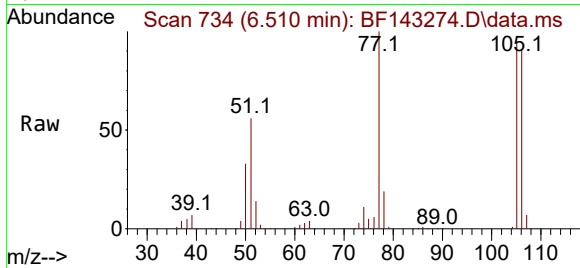
Tgt Ion: 77 Resp: 245377

Ion Ratio Lower Upper

77 100

105 95.0 76.8 116.8

106 91.3 74.4 114.4



#10

Phenol

Concen: 35.375 ng

RT: 6.604 min Scan# 750

Delta R.T. 0.006 min

Lab File: BF143274.D

Acq: 01 Aug 2025 10:39

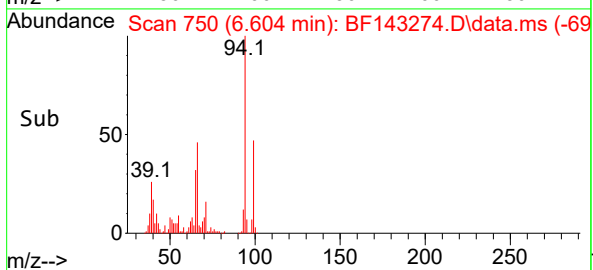
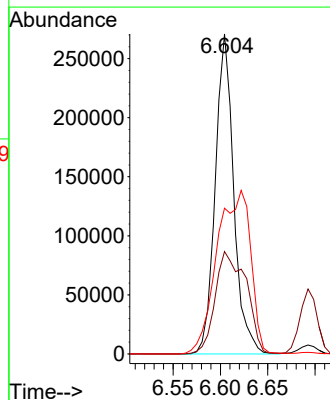
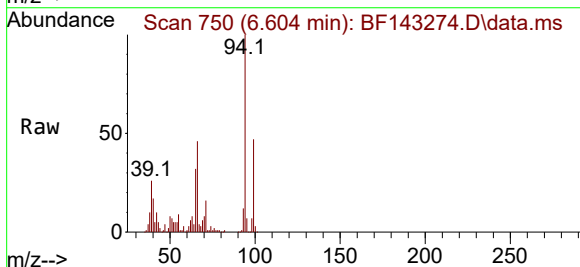
Tgt Ion: 94 Resp: 367473

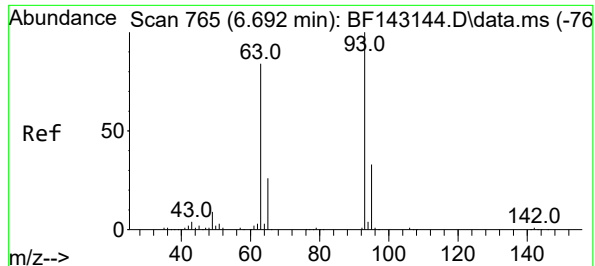
Ion Ratio Lower Upper

94 100

65 32.0 10.0 50.0

66 45.5 20.8 60.8

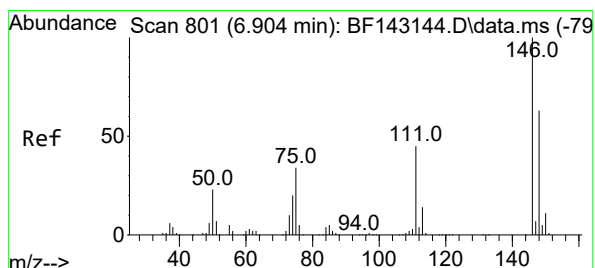
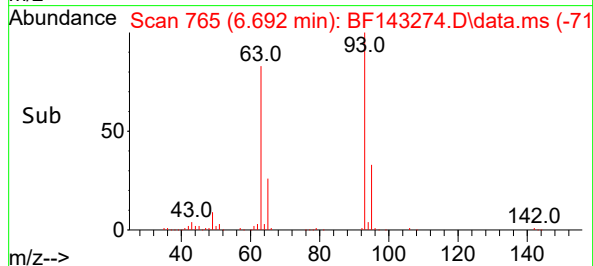
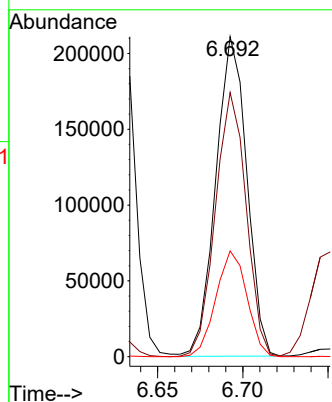
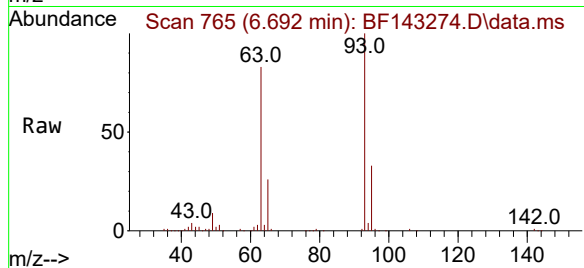




#11
bis(2-Chloroethyl)ether
Concen: 33.511 ng
RT: 6.692 min Scan# 765
Delta R.T. 0.000 min
Lab File: BF143274.D
Acq: 01 Aug 2025 10:39

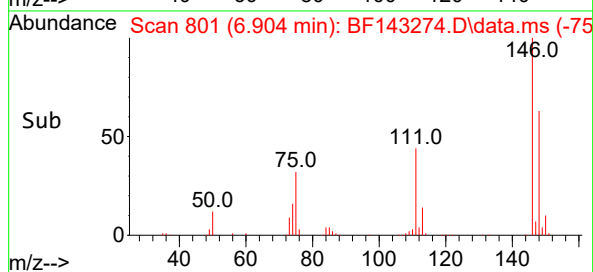
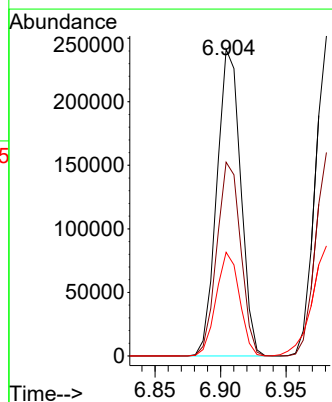
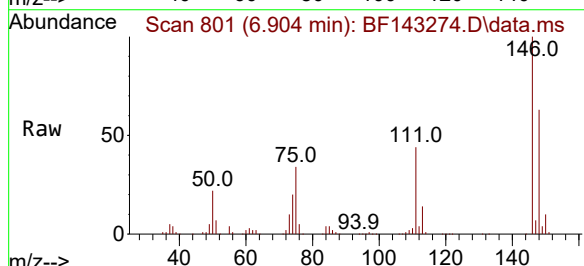
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

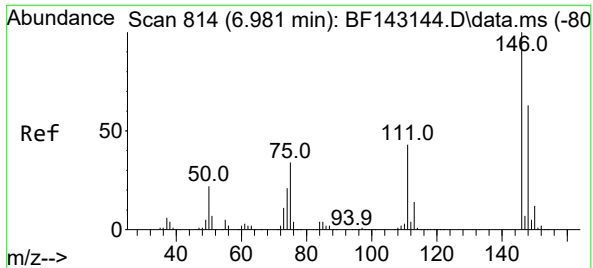
Tgt Ion: 93 Resp: 266539
Ion Ratio Lower Upper
93 100
63 82.5 63.4 103.4
95 33.1 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 35.275 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF143274.D
Acq: 01 Aug 2025 10:39

Tgt Ion: 146 Resp: 304293
Ion Ratio Lower Upper
146 100
148 63.2 50.6 76.0
75 33.8 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 35.152 ng

RT: 6.981 min Scan# 814

Delta R.T. 0.000 min

Lab File: BF143274.D

Acq: 01 Aug 2025 10:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

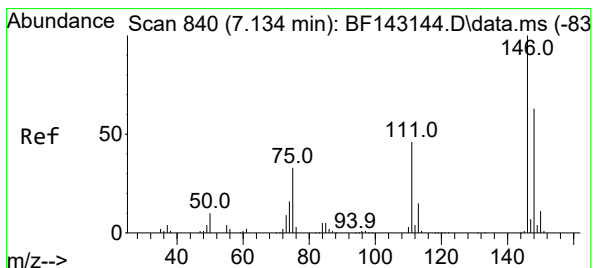
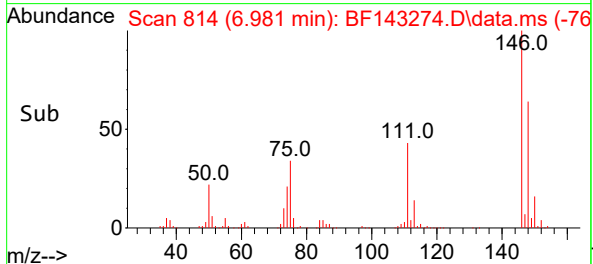
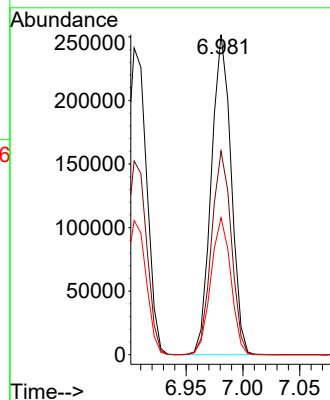
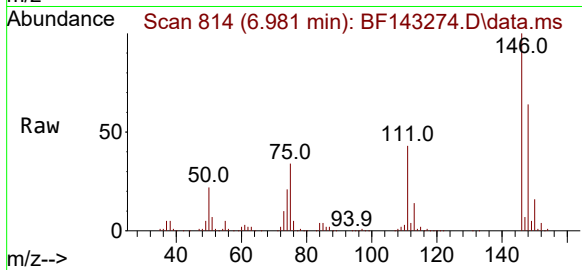
Tgt Ion:146 Resp: 305373

Ion Ratio Lower Upper

146 100

148 63.6 50.3 75.5

111 42.8 34.4 51.6



#14

1,2-Dichlorobenzene

Concen: 35.657 ng

RT: 7.134 min Scan# 840

Delta R.T. 0.000 min

Lab File: BF143274.D

Acq: 01 Aug 2025 10:39

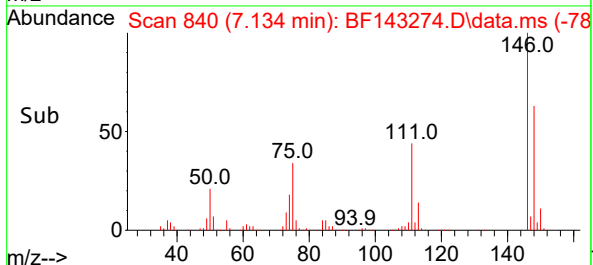
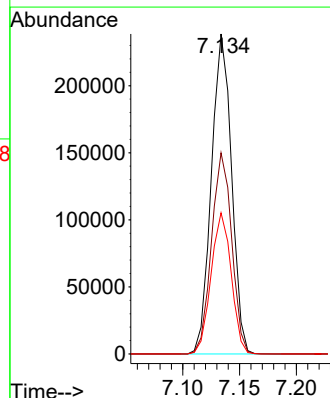
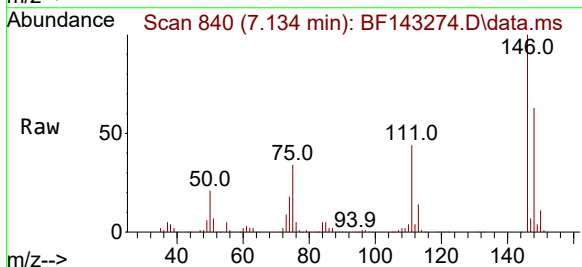
Tgt Ion:146 Resp: 294625

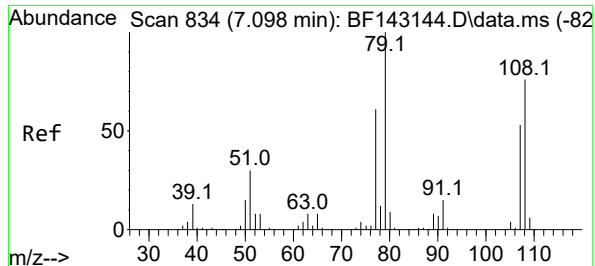
Ion Ratio Lower Upper

146 100

148 62.8 50.7 76.1

111 44.1 36.6 54.8





#15

Benzyl Alcohol

Concen: 35.389 ng

RT: 7.098 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF143274.D

Acq: 01 Aug 2025 10:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

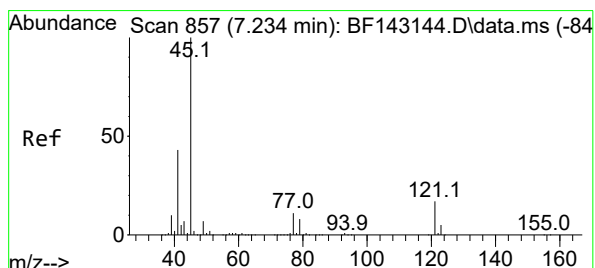
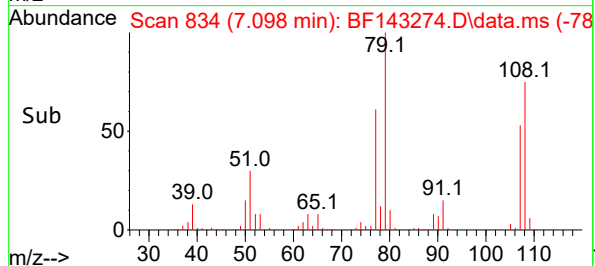
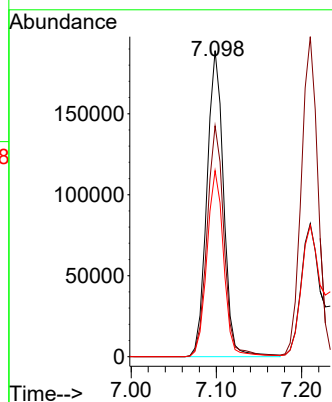
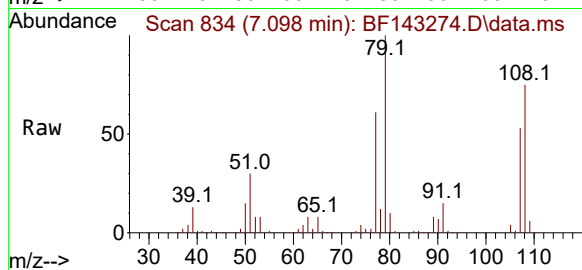
Tgt Ion: 79 Resp: 257660

Ion Ratio Lower Upper

79 100

108 75.4 61.1 91.7

77 60.8 48.9 73.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 33.073 ng

RT: 7.234 min Scan# 857

Delta R.T. 0.000 min

Lab File: BF143274.D

Acq: 01 Aug 2025 10:39

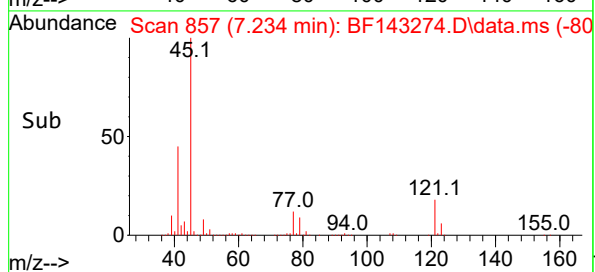
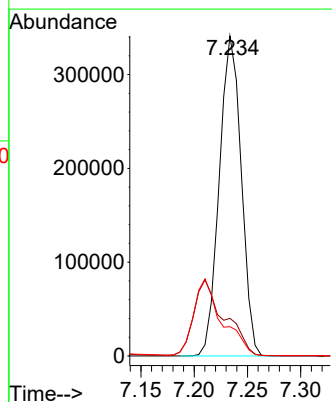
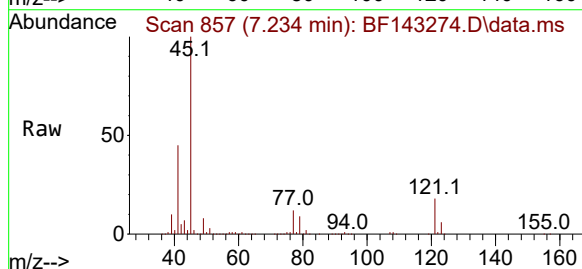
Tgt Ion: 45 Resp: 487969

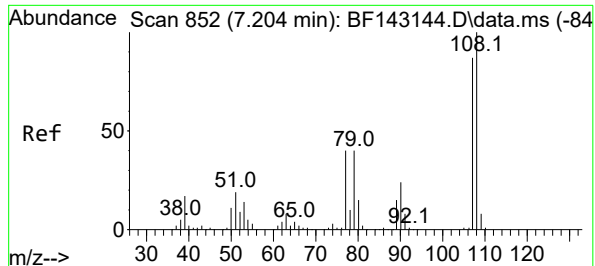
Ion Ratio Lower Upper

45 100

77 11.8 0.0 31.2

79 9.2 0.0 28.5

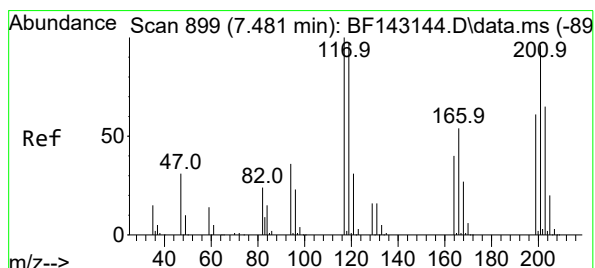
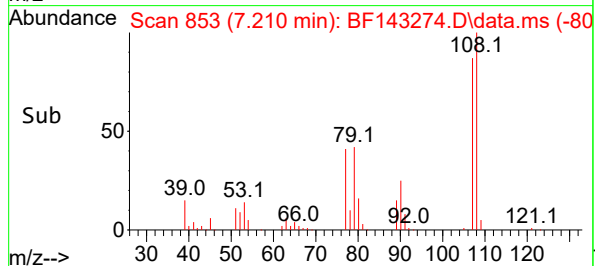
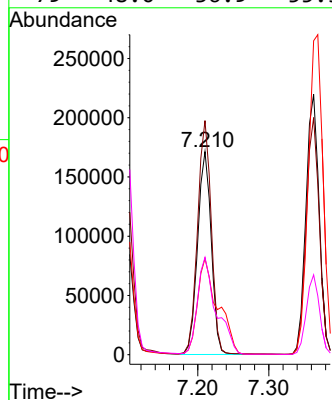
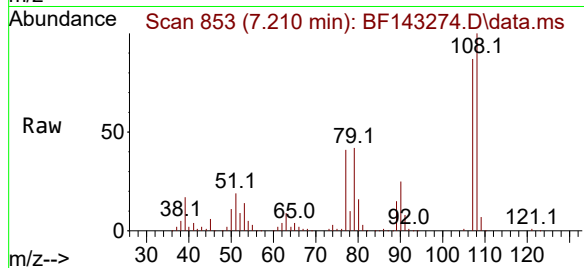




#17
2-Methylphenol
Concen: 34.559 ng
RT: 7.210 min Scan# 853
Delta R.T. 0.006 min
Lab File: BF143274.D
Acq: 01 Aug 2025 10:39

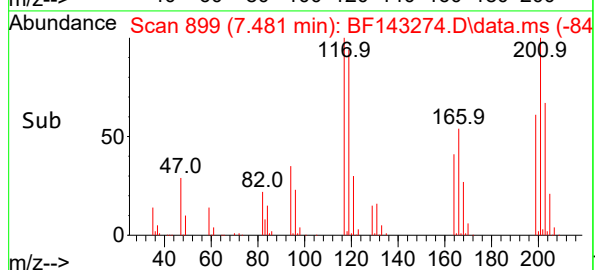
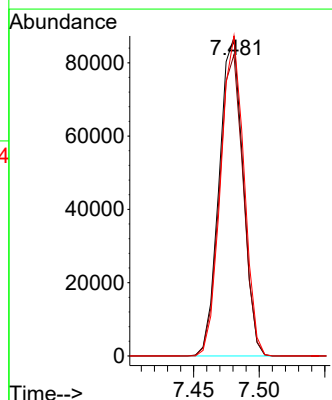
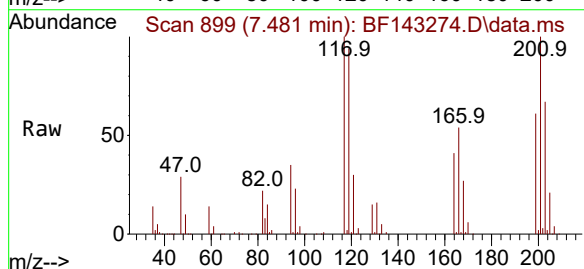
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

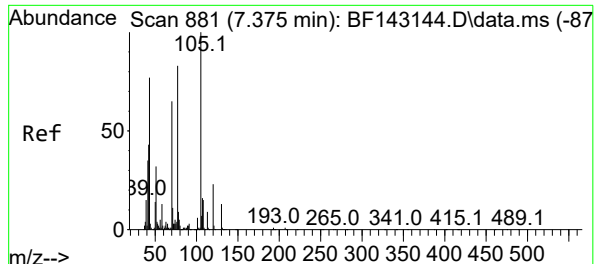
Tgt Ion:107 Resp: 230751
Ion Ratio Lower Upper
107 100
108 115.3 91.8 137.6
77 47.3 37.0 55.6
79 48.0 36.9 55.3



#18
Hexachloroethane
Concen: 36.424 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143274.D
Acq: 01 Aug 2025 10:39

Tgt Ion:117 Resp: 109541
Ion Ratio Lower Upper
117 100
119 94.6 77.8 116.8
201 100.5 77.0 115.4





#19

n-Nitroso-di-n-propylamine

Concen: 33.706 ng

RT: 7.375 min Scan# 881

Delta R.T. 0.000 min

Lab File: BF143274.D

Acq: 01 Aug 2025 10:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 206202

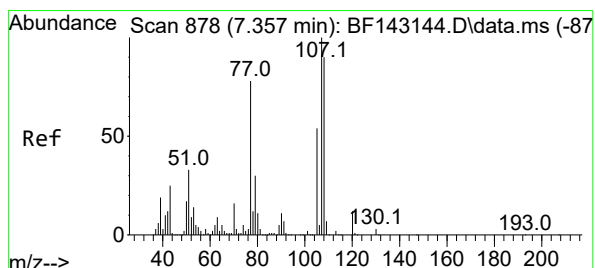
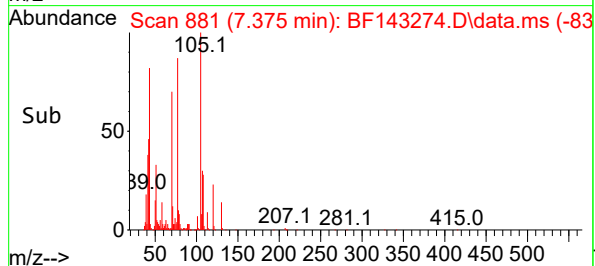
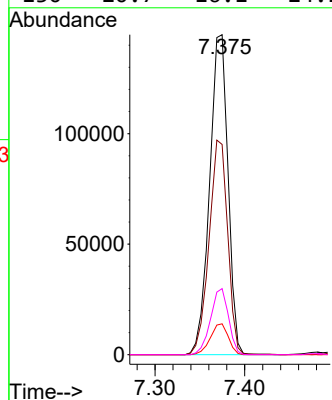
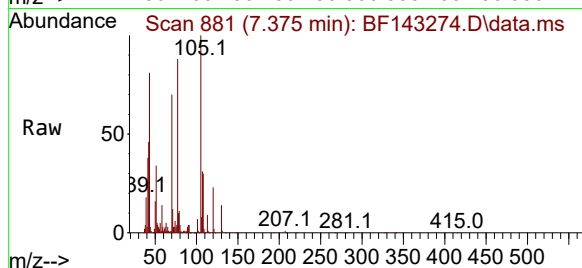
Ion Ratio Lower Upper

70 100

42 65.7 52.5 78.7

101 9.6 7.6 11.4

130 20.7 16.1 24.1



#20

3+4-Methylphenols

Concen: 35.187 ng

RT: 7.363 min Scan# 879

Delta R.T. 0.006 min

Lab File: BF143274.D

Acq: 01 Aug 2025 10:39

Tgt Ion: 107 Resp: 285048

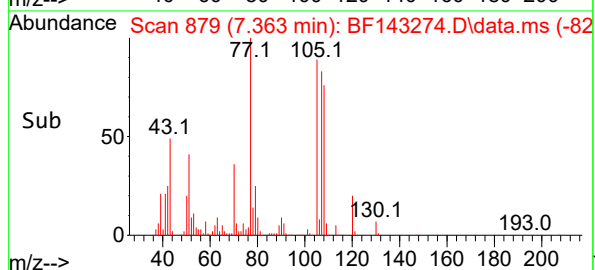
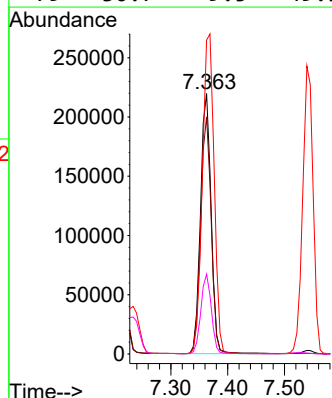
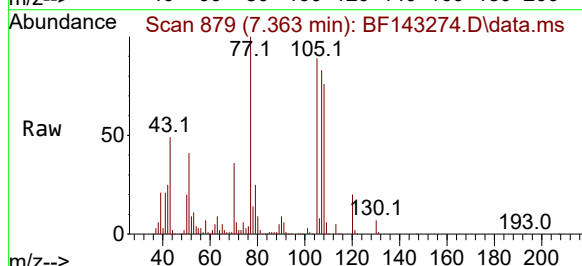
Ion Ratio Lower Upper

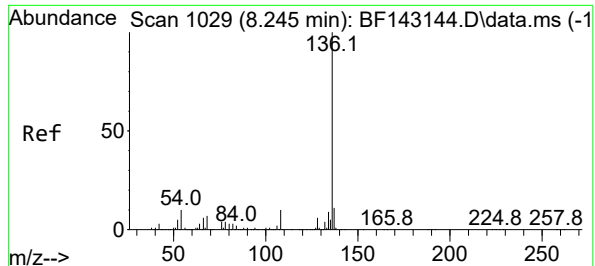
107 100

108 91.1 70.0 110.0

77 120.5 57.8 97.8#

79 30.7 9.5 49.5

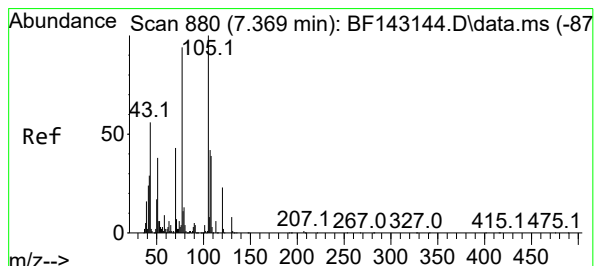
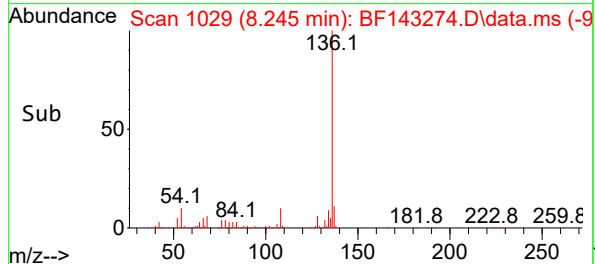
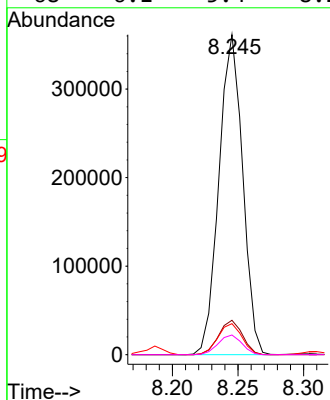
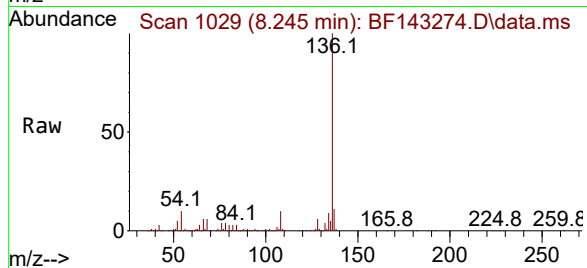




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF143274.D
Acq: 01 Aug 2025 10:39

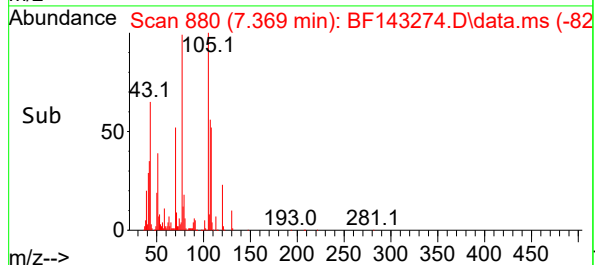
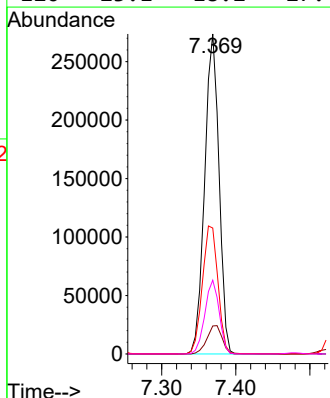
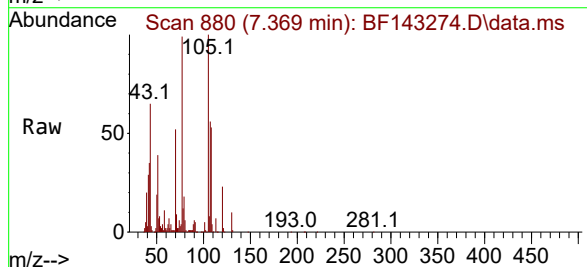
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

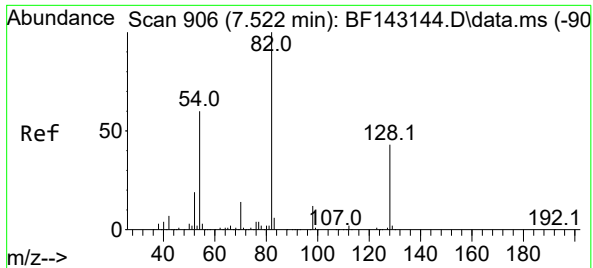
Tgt Ion:136 Resp: 454267
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.7 8.2 12.2
68 6.1 5.4 8.2



#22
Acetophenone
Concen: 34.292 ng
RT: 7.369 min Scan# 880
Delta R.T. 0.000 min
Lab File: BF143274.D
Acq: 01 Aug 2025 10:39

Tgt Ion:105 Resp: 368805
Ion Ratio Lower Upper
105 100
71 8.7 5.8 8.6#
51 39.3 30.2 45.2
120 23.1 18.2 27.4





#23

Nitrobenzene-d5

Concen: 73.554 ng

RT: 7.522 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF143274.D

Acq: 01 Aug 2025 10:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

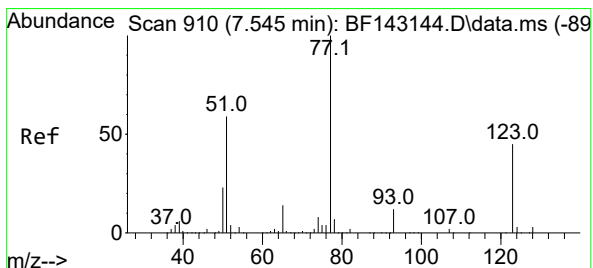
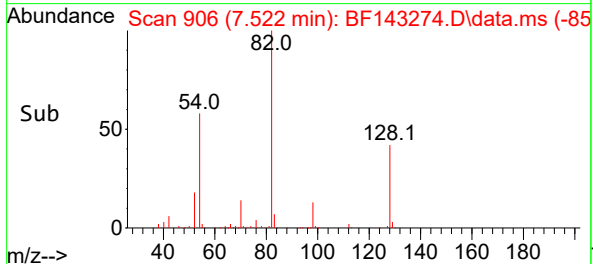
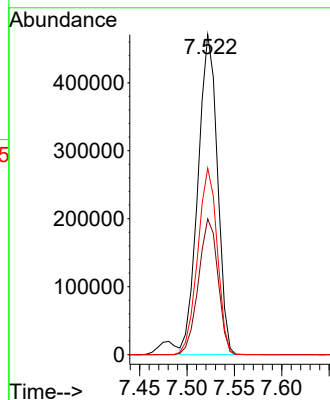
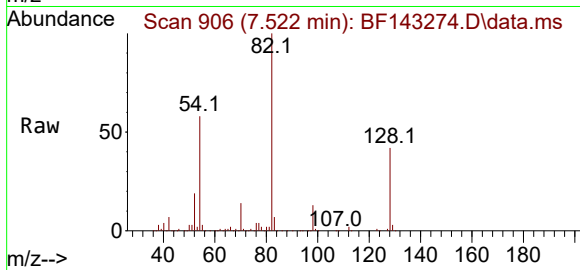
Tgt Ion: 82 Resp: 670316

Ion Ratio Lower Upper

82 100

128 42.4 33.6 50.4

54 58.3 47.1 70.7



#24

Nitrobenzene

Concen: 36.232 ng

RT: 7.539 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF143274.D

Acq: 01 Aug 2025 10:39

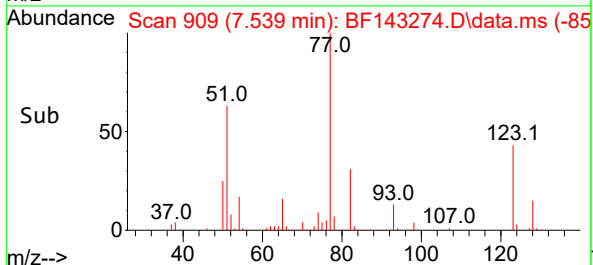
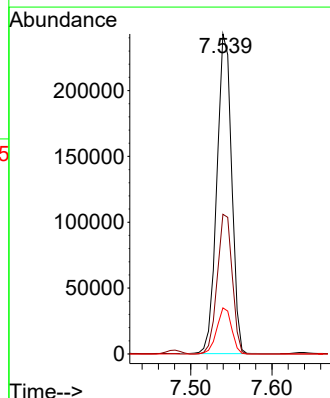
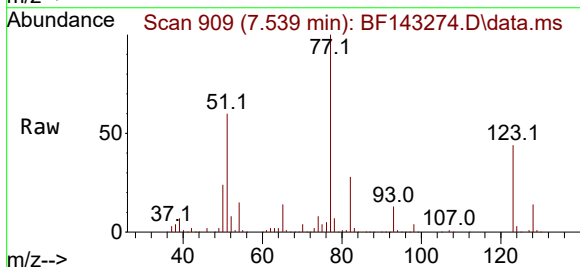
Tgt Ion: 77 Resp: 307840

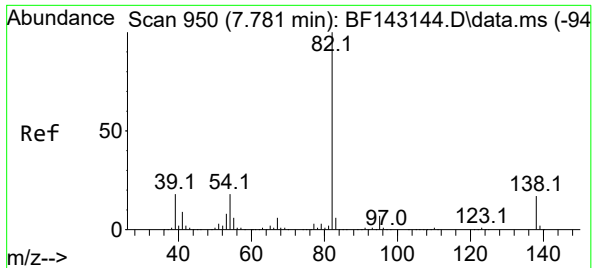
Ion Ratio Lower Upper

77 100

123 43.6 36.1 54.1

65 14.4 11.4 17.2

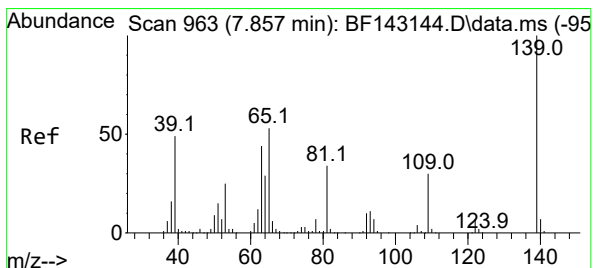
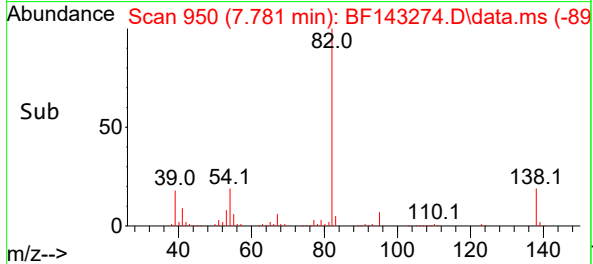
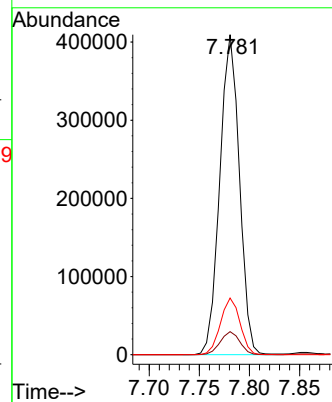
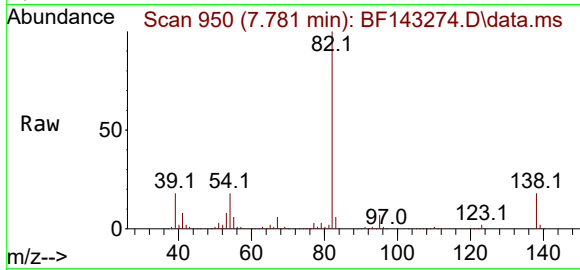




#25
Isophorone
Concen: 34.557 ng
RT: 7.781 min Scan# 950
Delta R.T. 0.000 min
Lab File: BF143274.D
Acq: 01 Aug 2025 10:39

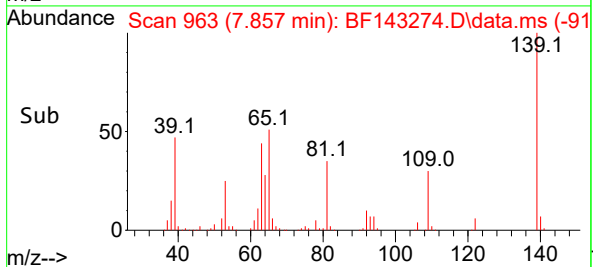
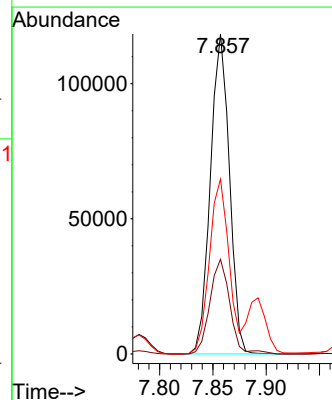
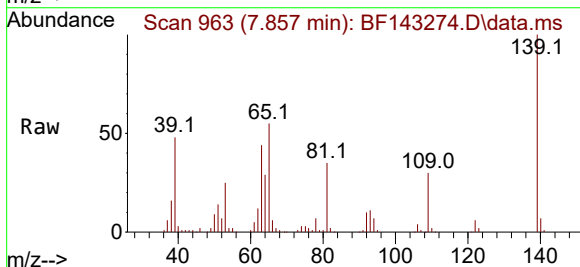
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

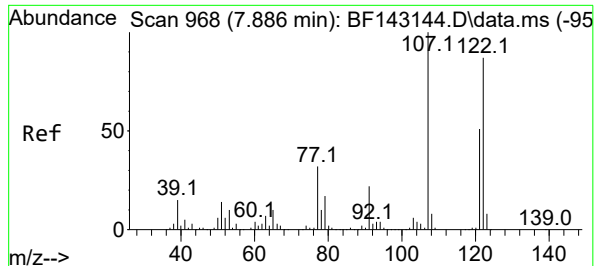
Tgt Ion:	82	Resp:	555951
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.5	8.3
138	17.7	13.8	20.8



#26
2-Nitrophenol
Concen: 39.887 ng
RT: 7.857 min Scan# 963
Delta R.T. 0.000 min
Lab File: BF143274.D
Acq: 01 Aug 2025 10:39

Tgt Ion:	139	Resp:	147081
Ion Ratio	Lower	Upper	
139	100		
109	29.6	23.6	35.4
65	54.7	42.6	64.0





#27

2,4-Dimethylphenol

Concen: 34.030 ng

RT: 7.892 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF143274.D

Acq: 01 Aug 2025 10:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

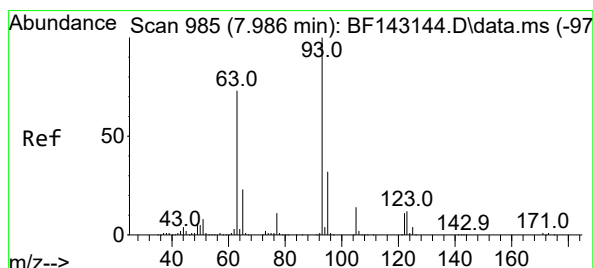
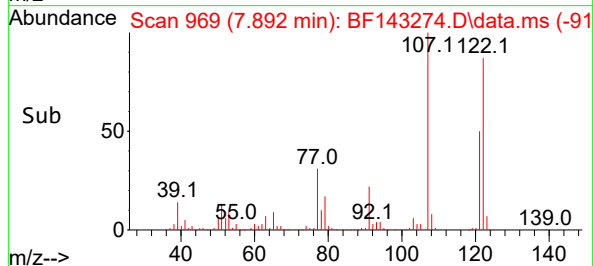
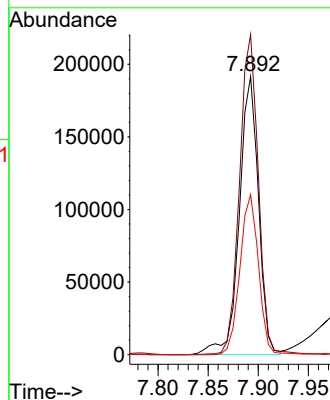
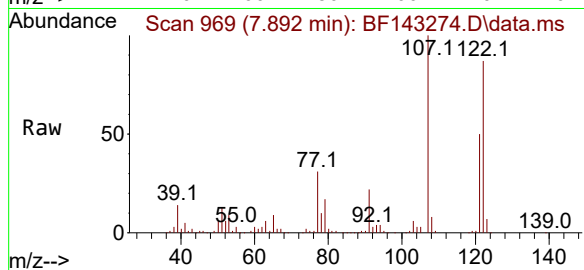
Tgt Ion:122 Resp: 255780

Ion Ratio Lower Upper

122 100

107 115.0 91.8 137.6

121 57.5 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 34.422 ng

RT: 7.987 min Scan# 985

Delta R.T. 0.000 min

Lab File: BF143274.D

Acq: 01 Aug 2025 10:39

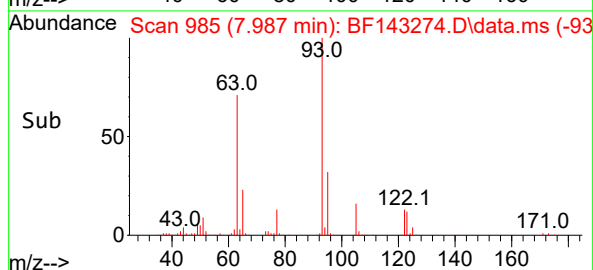
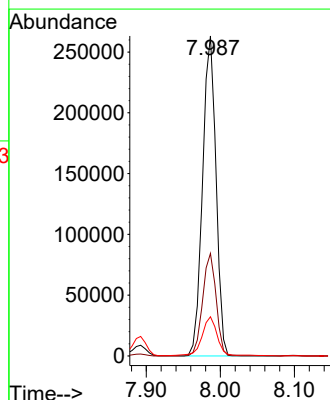
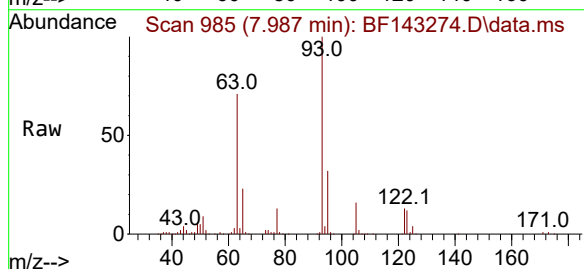
Tgt Ion: 93 Resp: 332021

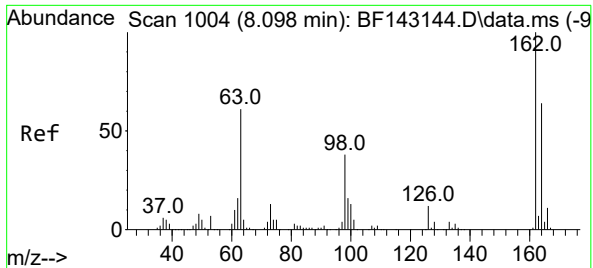
Ion Ratio Lower Upper

93 100

95 32.0 25.8 38.6

123 12.2 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 35.901 ng

RT: 8.098 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BF143274.D

Acq: 01 Aug 2025 10:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

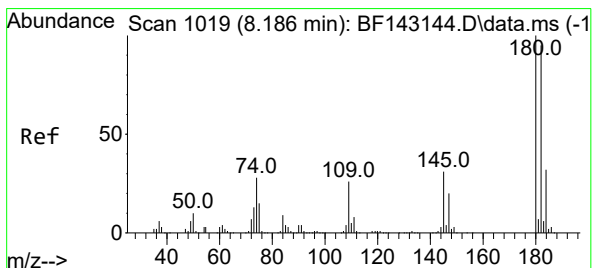
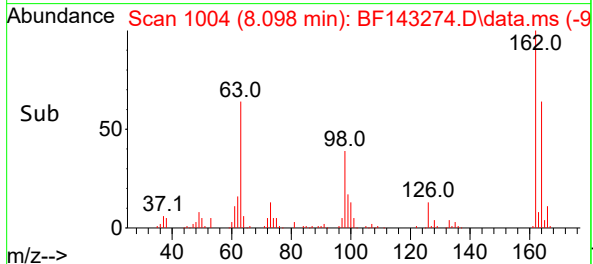
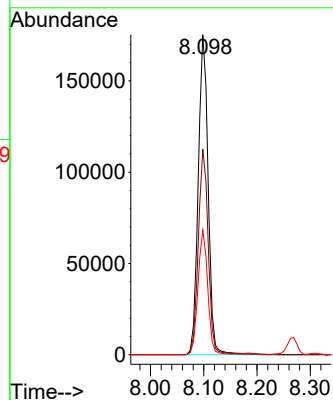
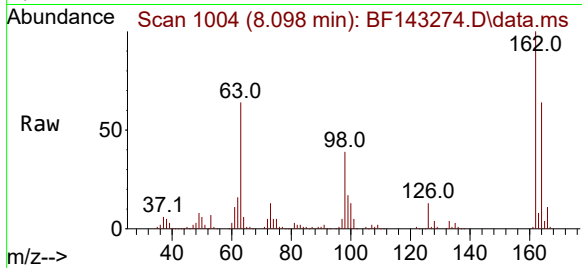
Tgt Ion:162 Resp: 227565

Ion Ratio Lower Upper

162 100

164 64.2 44.2 84.2

98 38.9 17.9 57.9



#30

1,2,4-Trichlorobenzene

Concen: 36.409 ng

RT: 8.187 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF143274.D

Acq: 01 Aug 2025 10:39

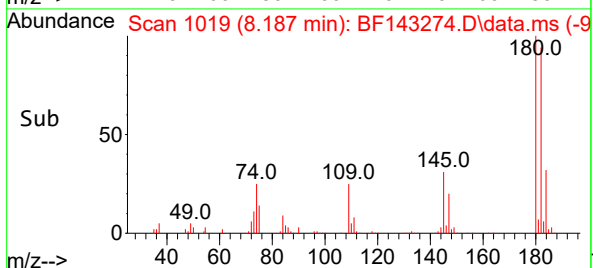
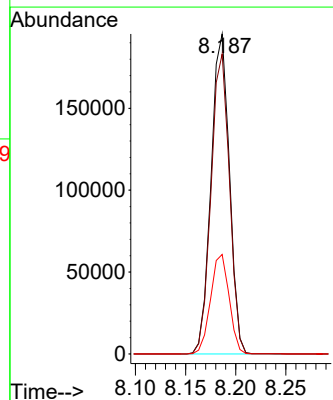
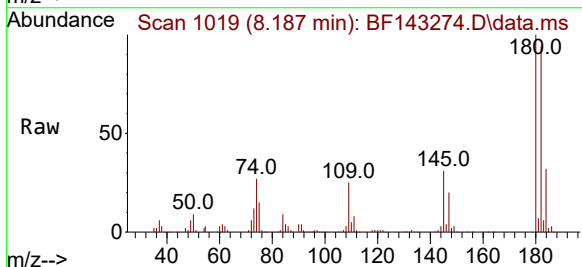
Tgt Ion:180 Resp: 249331

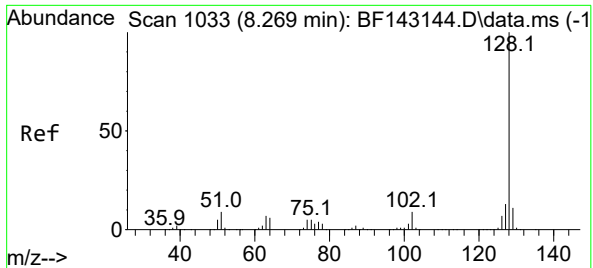
Ion Ratio Lower Upper

180 100

182 93.8 76.2 114.2

145 31.1 25.0 37.6





#31

Naphthalene

Concen: 35.437 ng

RT: 8.269 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143274.D

Acq: 01 Aug 2025 10:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

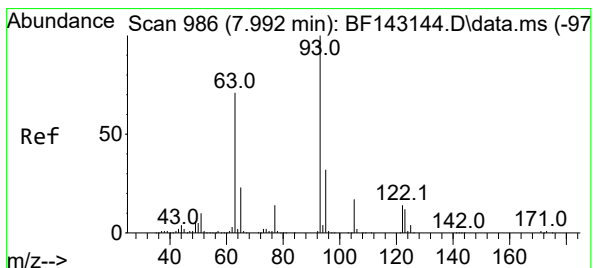
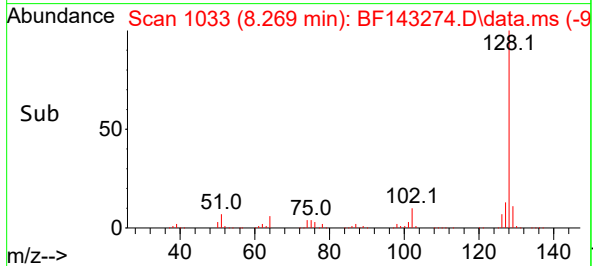
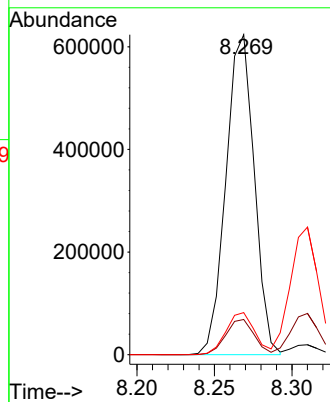
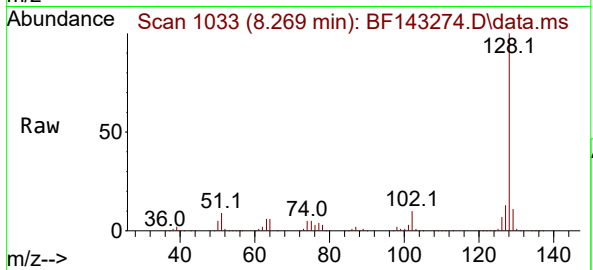
Tgt Ion:128 Resp: 792806

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.4

127 13.1 10.6 16.0



#32

Benzoic acid

Concen: 34.630 ng m

RT: 7.998 min Scan# 987

Delta R.T. 0.006 min

Lab File: BF143274.D

Acq: 01 Aug 2025 10:39

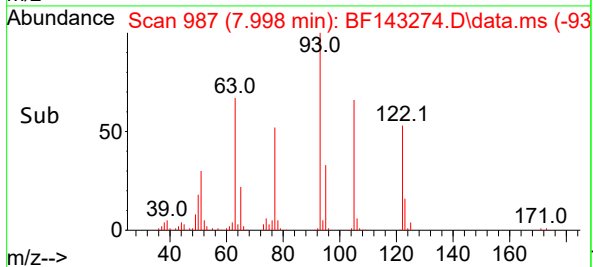
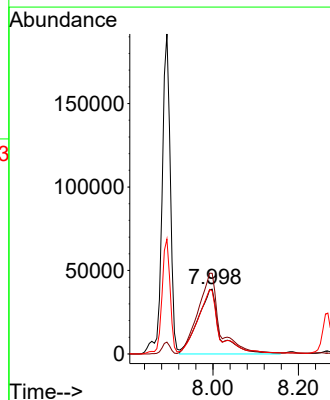
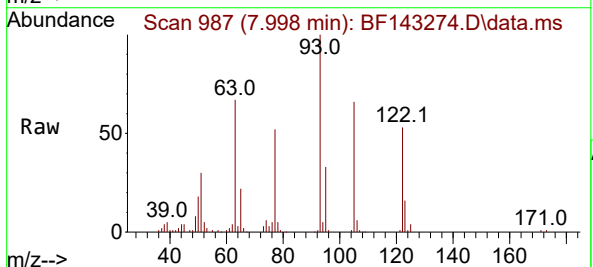
Tgt Ion:122 Resp: 139778

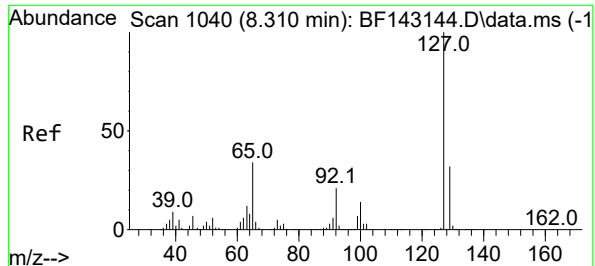
Ion Ratio Lower Upper

122 100

105 124.5 104.8 144.8

77 97.2 77.6 117.6





#33

4-Chloroaniline

Concen: 34.969 ng

RT: 8.310 min Scan# 1040

Delta R.T. 0.000 min

Lab File: BF143274.D

Acq: 01 Aug 2025 10:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 319441

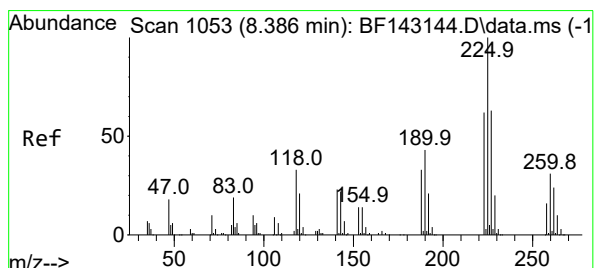
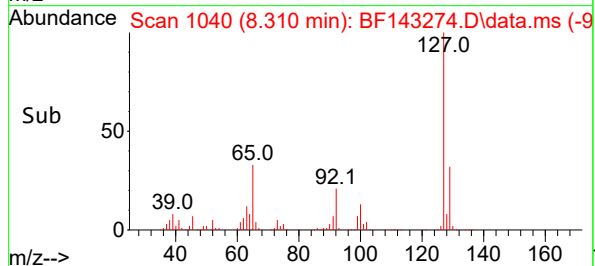
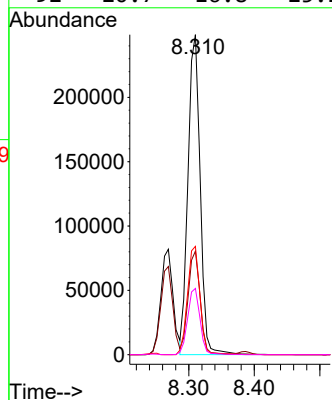
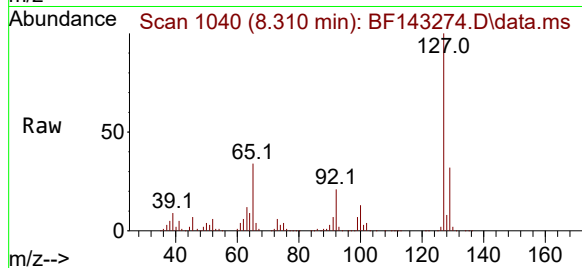
Ion Ratio Lower Upper

127 100

129 32.4 26.0 39.0

65 33.8 27.4 41.2

92 20.7 16.8 25.2



#34

Hexachlorobutadiene

Concen: 37.286 ng

RT: 8.386 min Scan# 1053

Delta R.T. 0.000 min

Lab File: BF143274.D

Acq: 01 Aug 2025 10:39

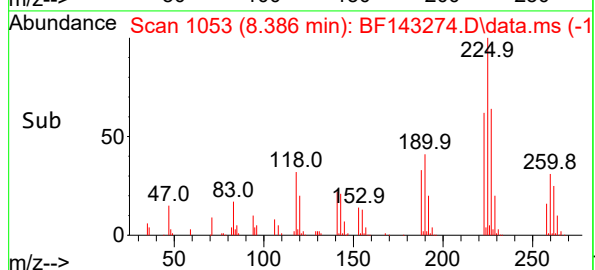
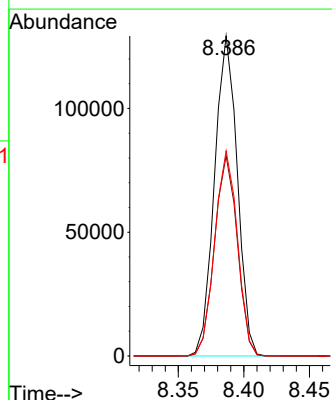
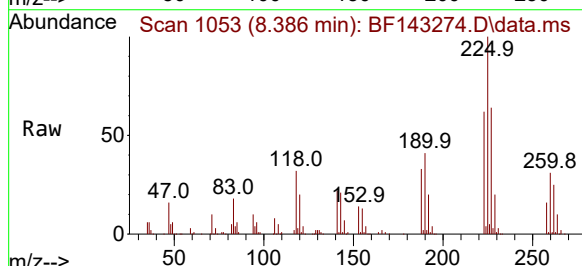
Tgt Ion:225 Resp: 155981

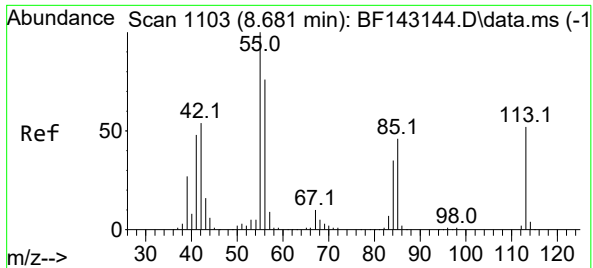
Ion Ratio Lower Upper

225 100

223 62.5 49.8 74.6

227 64.1 50.2 75.4

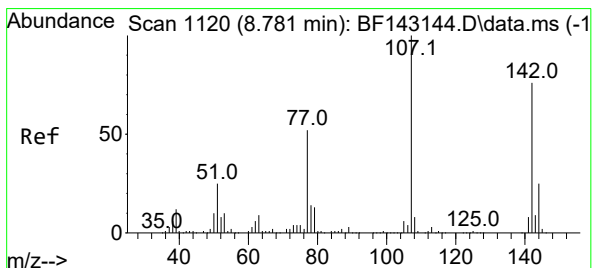
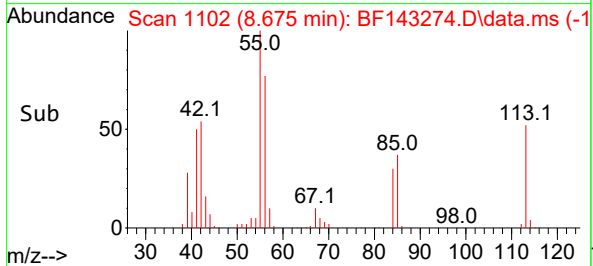
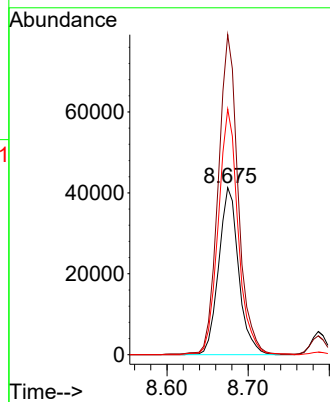
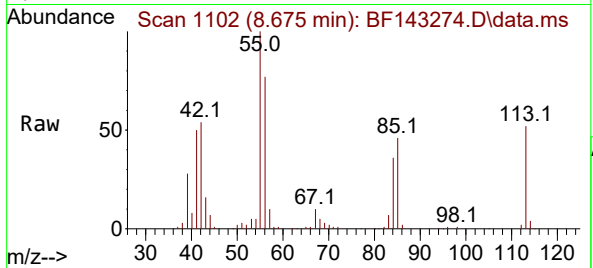




#35
Caprolactam
Concen: 36.792 ng
RT: 8.675 min Scan# 1102
Delta R.T. -0.006 min
Lab File: BF143274.D
Acq: 01 Aug 2025 10:39

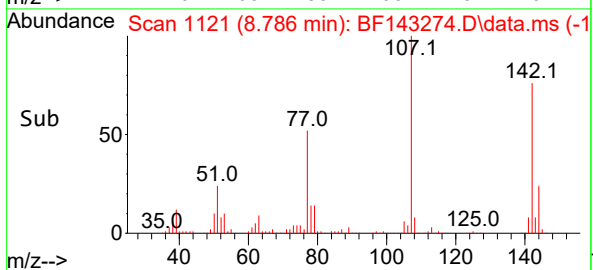
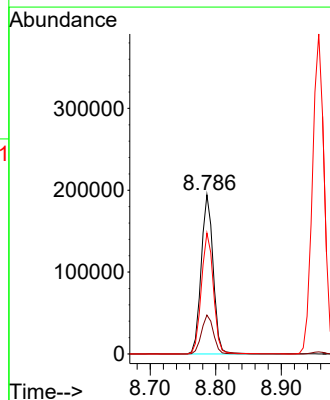
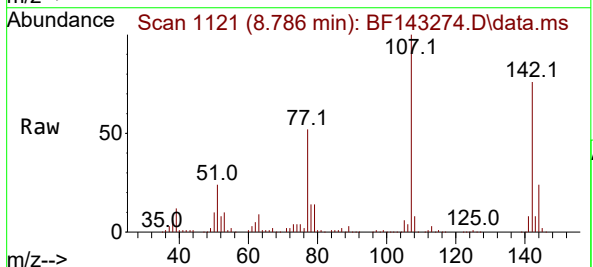
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

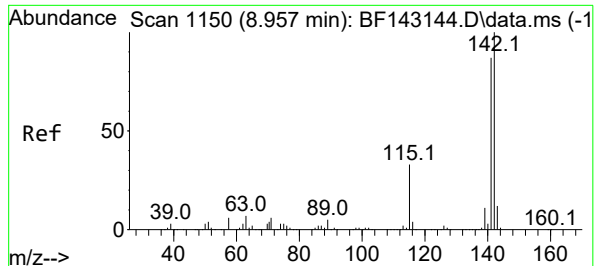
Tgt Ion:113 Resp: 70474
Ion Ratio Lower Upper
113 100
55 191.6 174.0 214.0
56 147.0 126.6 166.6



#36
4-Chloro-3-methylphenol
Concen: 36.103 ng
RT: 8.786 min Scan# 1121
Delta R.T. 0.006 min
Lab File: BF143274.D
Acq: 01 Aug 2025 10:39

Tgt Ion:107 Resp: 248737
Ion Ratio Lower Upper
107 100
144 24.4 19.8 29.6
142 75.9 60.6 90.8





#37

2-Methylnaphthalene

Concen: 35.563 ng

RT: 8.957 min Scan# 1150

Delta R.T. 0.000 min

Lab File: BF143274.D

Acq: 01 Aug 2025 10:39

Instrument :

BNA_F

ClientSampleId :

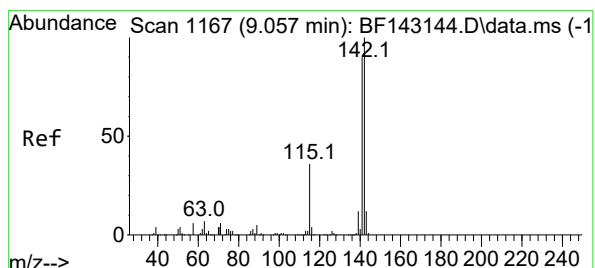
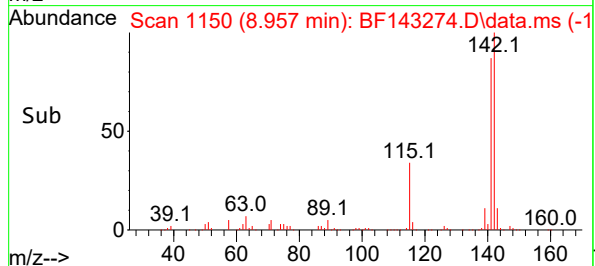
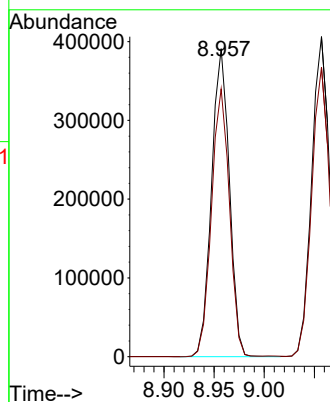
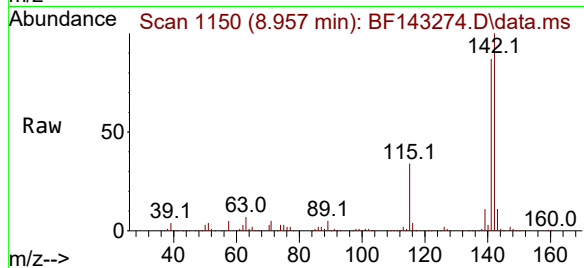
SSTDCCC040

Tgt Ion:142 Resp: 484140

Ion Ratio Lower Upper

142 100

141 87.0 69.9 104.9



#38

1-Methylnaphthalene

Concen: 35.702 ng

RT: 9.057 min Scan# 1167

Delta R.T. 0.000 min

Lab File: BF143274.D

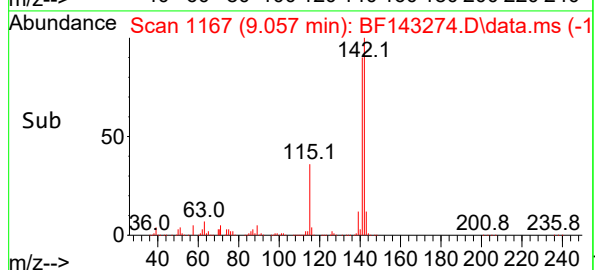
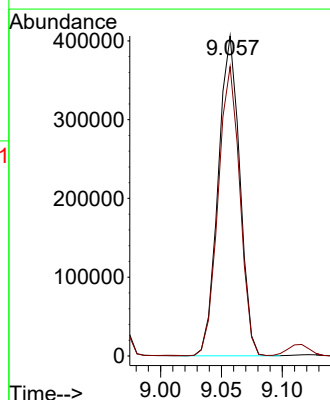
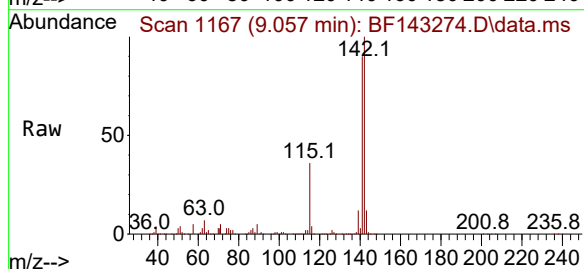
Acq: 01 Aug 2025 10:39

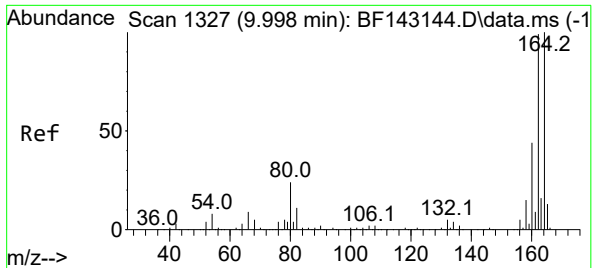
Tgt Ion:142 Resp: 500492

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# 11

Delta R.T. 0.006 min

Lab File: BF143274.D

Acq: 01 Aug 2025 10:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

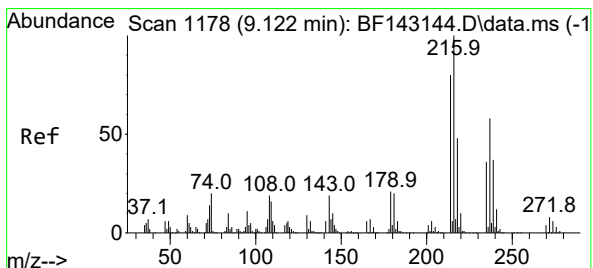
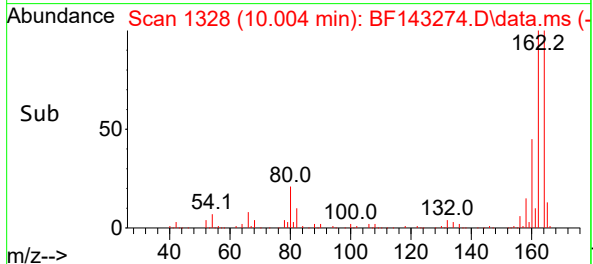
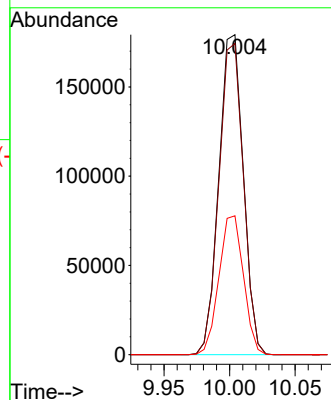
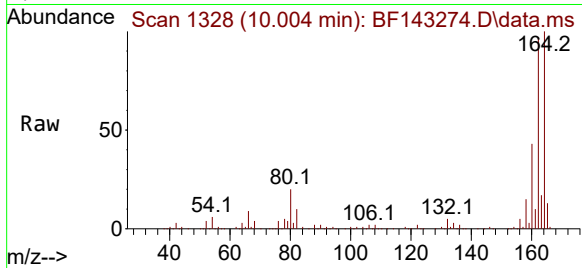
Tgt Ion:164 Resp: 232541

Ion Ratio Lower Upper

164 100

162 97.3 79.0 118.6

160 43.4 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.596 ng

RT: 9.122 min Scan# 1178

Delta R.T. 0.000 min

Lab File: BF143274.D

Acq: 01 Aug 2025 10:39

Tgt Ion:216 Resp: 245698

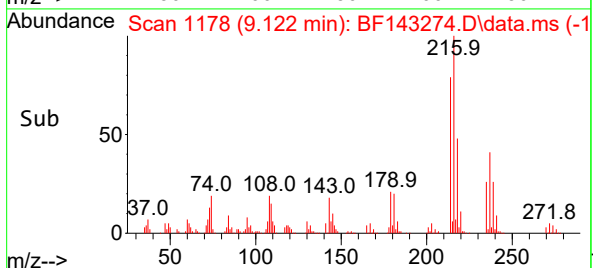
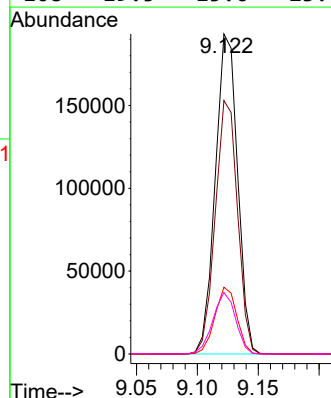
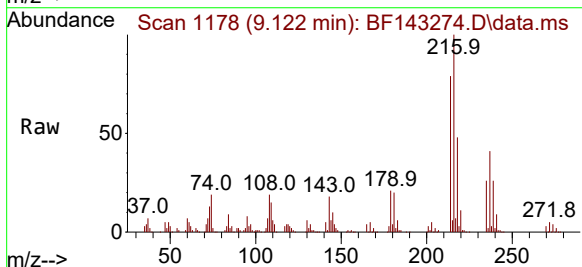
Ion Ratio Lower Upper

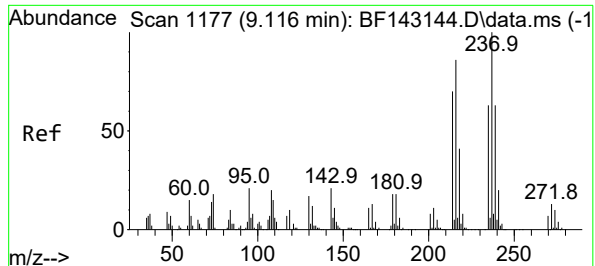
216 100

214 79.0 63.8 95.8

179 20.5 16.4 24.6

108 19.5 15.6 23.4





#41

Hexachlorocyclopentadiene

Concen: 32.948 ng

RT: 9.116 min Scan# 1177

Delta R.T. 0.000 min

Lab File: BF143274.D

Acq: 01 Aug 2025 10:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

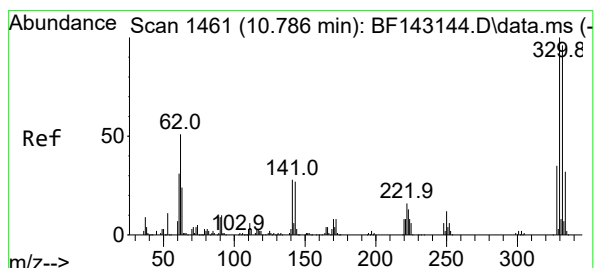
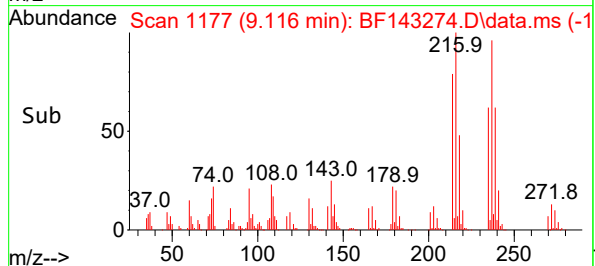
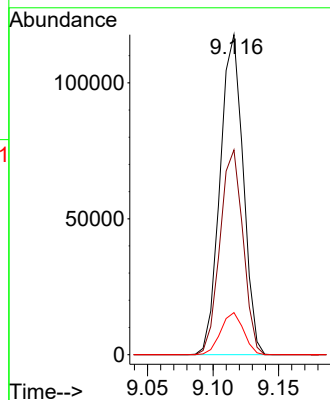
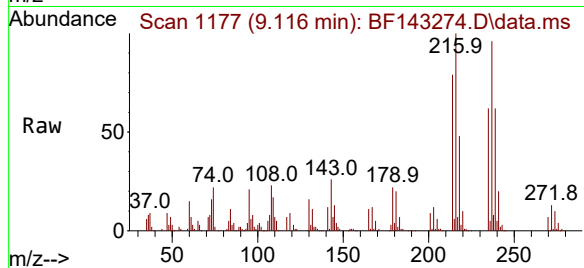
Tgt Ion:237 Resp: 143931

Ion Ratio Lower Upper

237 100

235 64.0 43.0 83.0

272 13.1 0.0 33.3



#42

2,4,6-Tribromophenol

Concen: 73.963 ng

RT: 10.792 min Scan# 1462

Delta R.T. 0.006 min

Lab File: BF143274.D

Acq: 01 Aug 2025 10:39

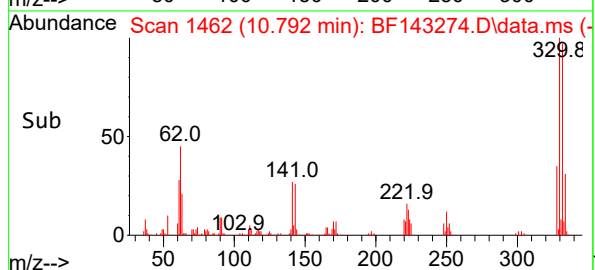
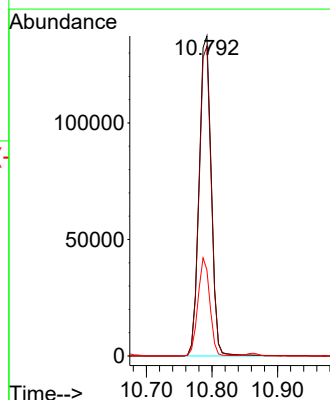
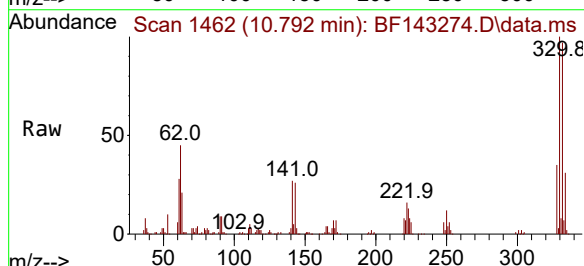
Tgt Ion:330 Resp: 177679

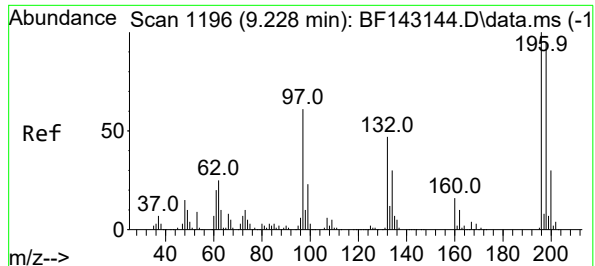
Ion Ratio Lower Upper

330 100

332 96.8 76.7 115.1

141 29.8 23.3 34.9





#43

2,4,6-Trichlorophenol

Concen: 34.686 ng

RT: 9.233 min Scan# 1196

Delta R.T. 0.006 min

Lab File: BF143274.D

Acq: 01 Aug 2025 10:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

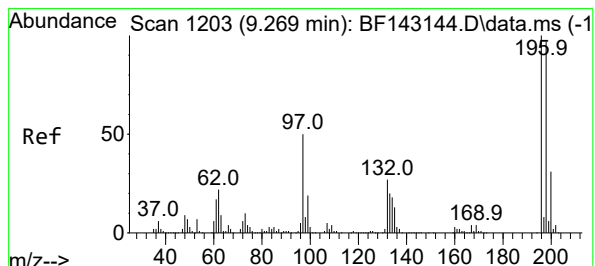
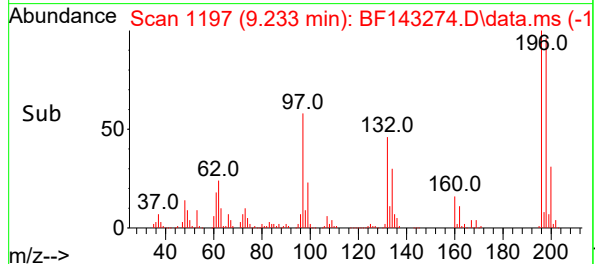
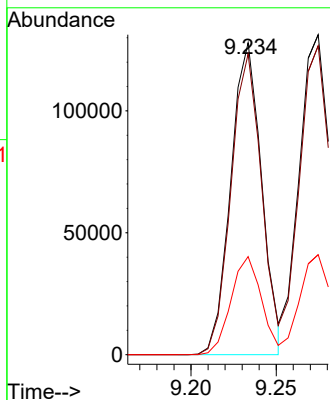
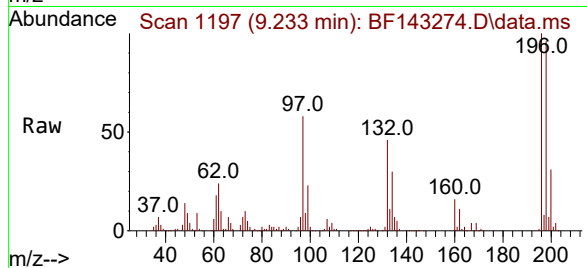
Tgt Ion:196 Resp: 161168

Ion Ratio Lower Upper

196 100

198 96.3 76.2 114.2

200 31.4 23.9 35.9



#44

2,4,5-Trichlorophenol

Concen: 37.303 ng

RT: 9.275 min Scan# 1204

Delta R.T. 0.006 min

Lab File: BF143274.D

Acq: 01 Aug 2025 10:39

Tgt Ion:196 Resp: 173381

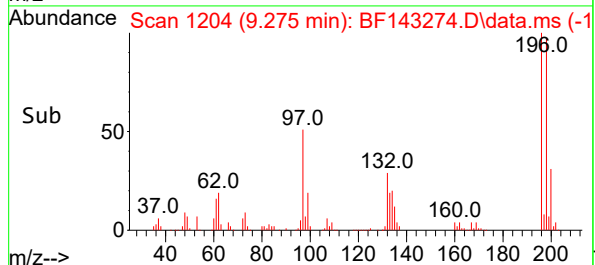
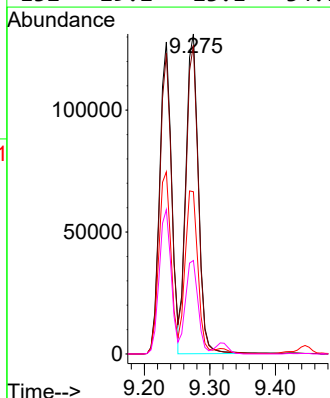
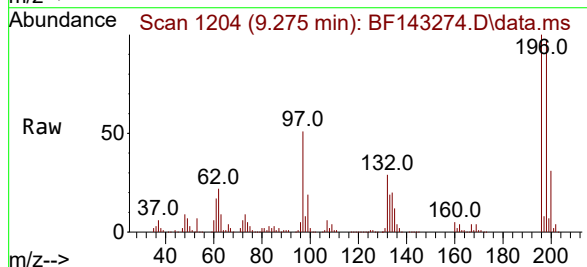
Ion Ratio Lower Upper

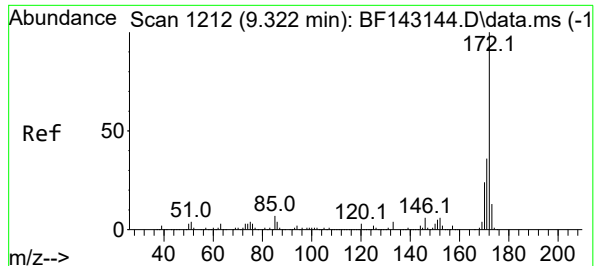
196 100

198 96.5 77.3 115.9

97 50.7 40.3 60.5

132 29.2 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 71.028 ng

RT: 9.316 min Scan# 1211

Delta R.T. -0.006 min

Lab File: BF143274.D

Acq: 01 Aug 2025 10:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

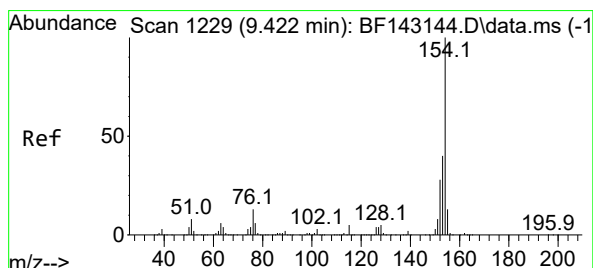
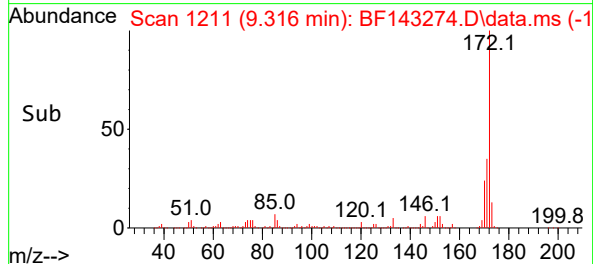
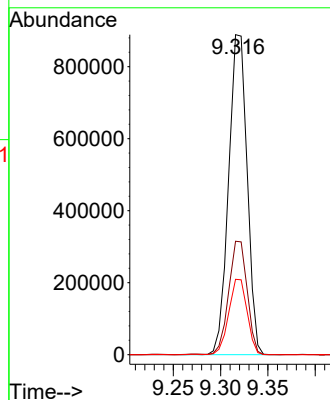
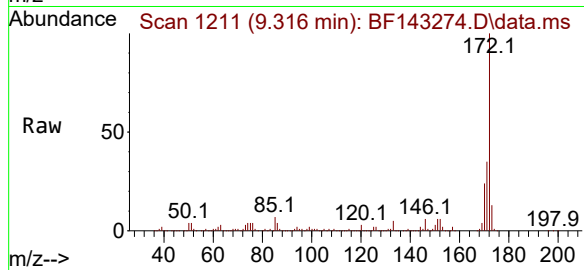
Tgt Ion:172 Resp: 1207710

Ion Ratio Lower Upper

172 100

171 35.4 28.6 42.8

170 23.5 18.8 28.2



#46

1,1'-Biphenyl

Concen: 35.617 ng

RT: 9.422 min Scan# 1229

Delta R.T. 0.000 min

Lab File: BF143274.D

Acq: 01 Aug 2025 10:39

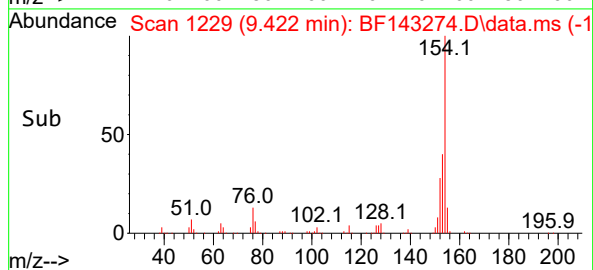
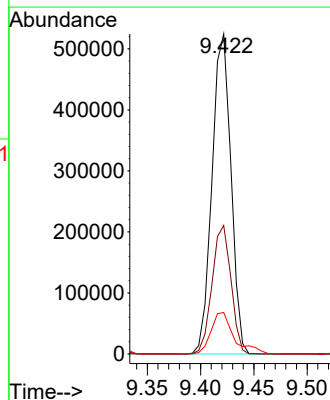
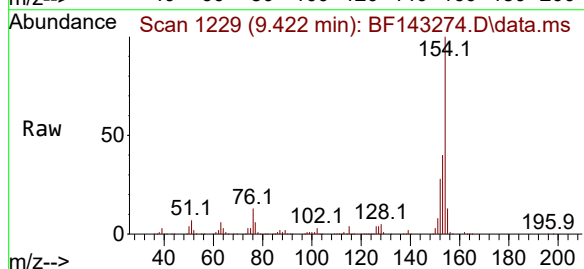
Tgt Ion:154 Resp: 646187

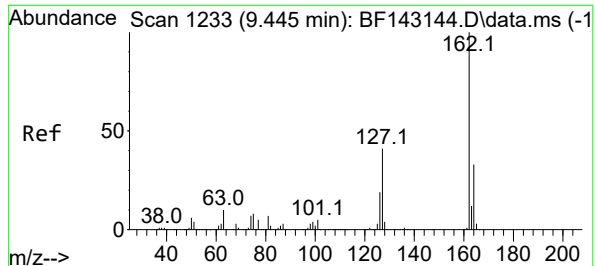
Ion Ratio Lower Upper

154 100

153 40.2 20.3 60.3

76 13.0 0.0 33.3





#47

2-Chloronaphthalene

Concen: 35.734 ng

RT: 9.445 min Scan# 1233

Delta R.T. 0.000 min

Lab File: BF143274.D

Acq: 01 Aug 2025 10:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

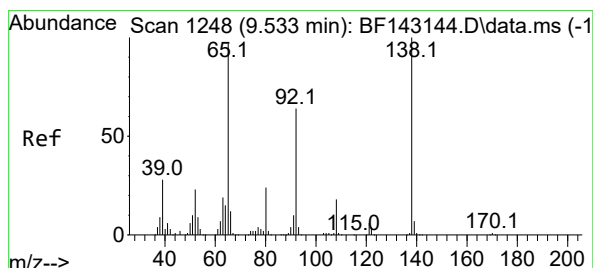
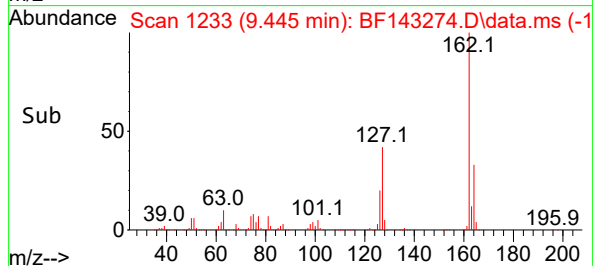
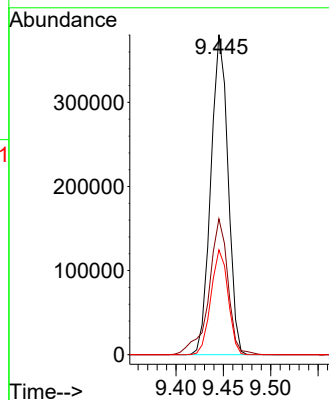
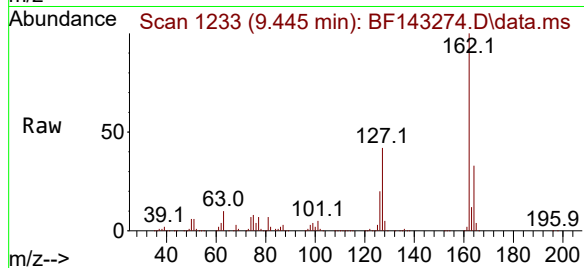
Tgt Ion:162 Resp: 479709

Ion Ratio Lower Upper

162 100

127 42.4 33.4 50.2

164 32.8 26.2 39.2



#48

2-Nitroaniline

Concen: 38.982 ng

RT: 9.533 min Scan# 1248

Delta R.T. 0.000 min

Lab File: BF143274.D

Acq: 01 Aug 2025 10:39

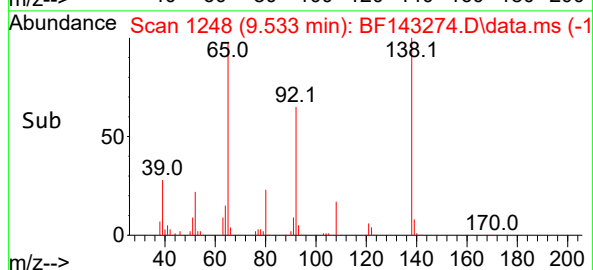
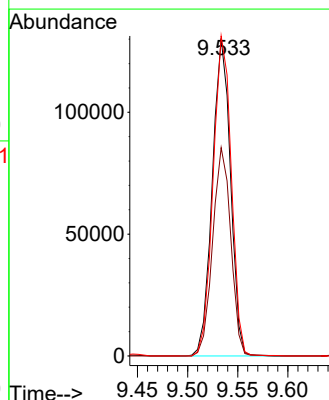
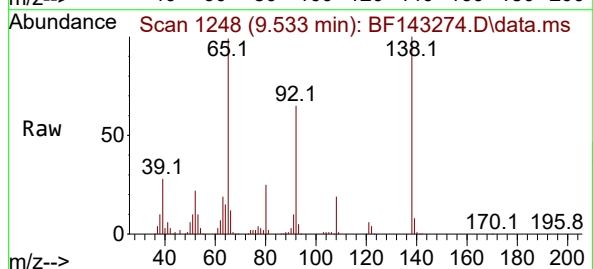
Tgt Ion: 65 Resp: 164106

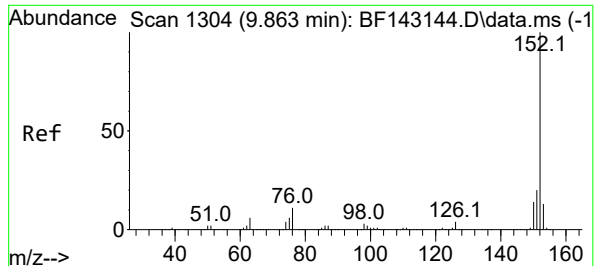
Ion Ratio Lower Upper

65 100

92 65.6 52.4 78.6

138 100.8 82.3 123.5





#49

Acenaphthylene

Concen: 35.213 ng

RT: 9.863 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF143274.D

Acq: 01 Aug 2025 10:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

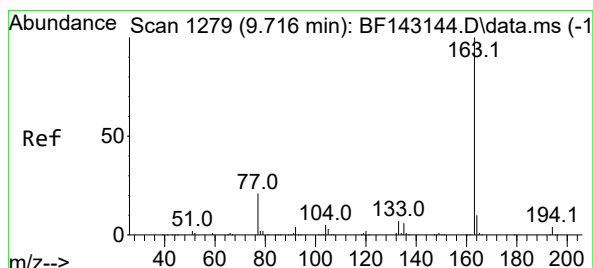
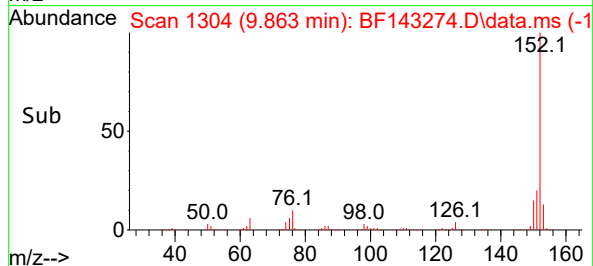
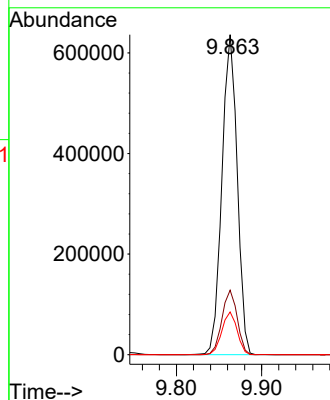
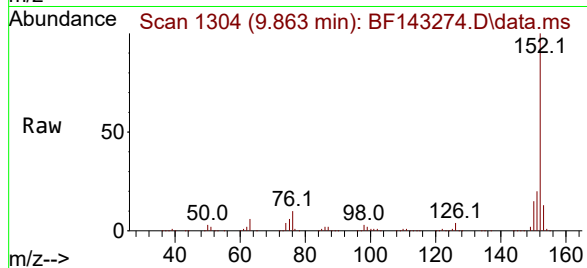
Tgt Ion:152 Resp: 792187

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.2

153 13.3 10.6 16.0



#50

Dimethylphthalate

Concen: 36.342 ng

RT: 9.716 min Scan# 1279

Delta R.T. 0.000 min

Lab File: BF143274.D

Acq: 01 Aug 2025 10:39

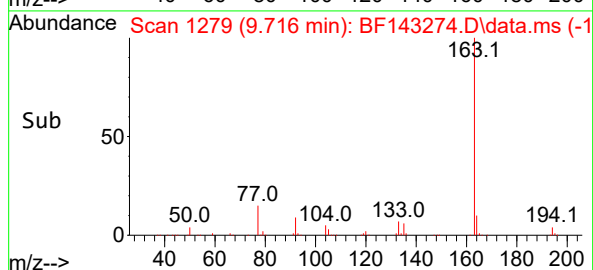
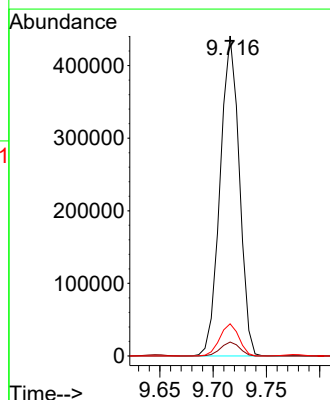
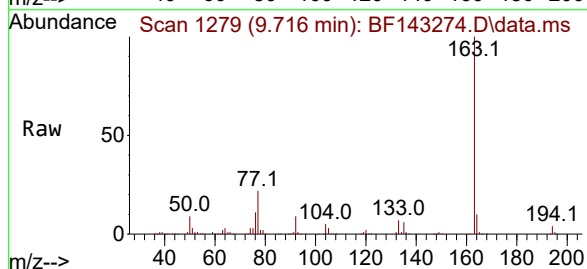
Tgt Ion:163 Resp: 550866

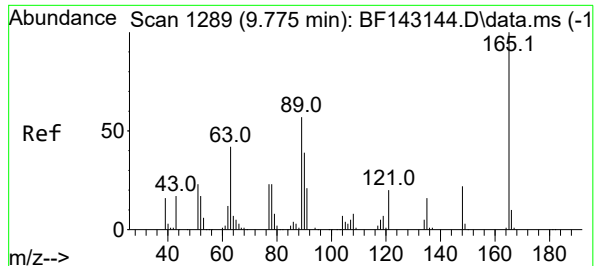
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

164 10.1 8.3 12.5

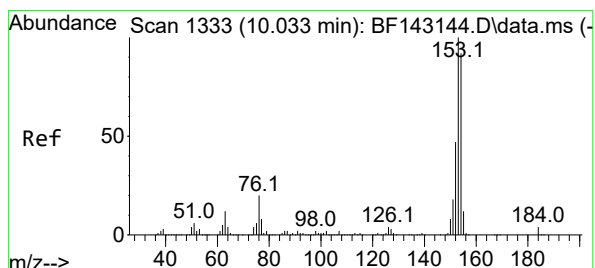
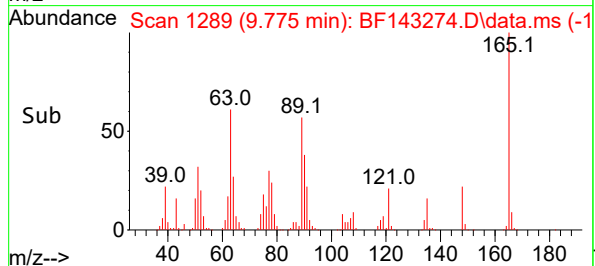
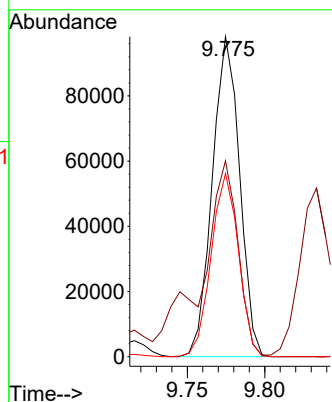
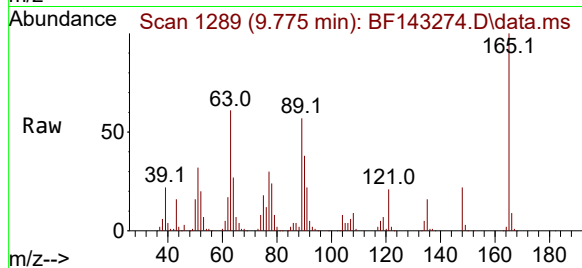




#51
2,6-Dinitrotoluene
Concen: 38.945 ng
RT: 9.775 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BF143274.D
Acq: 01 Aug 2025 10:39

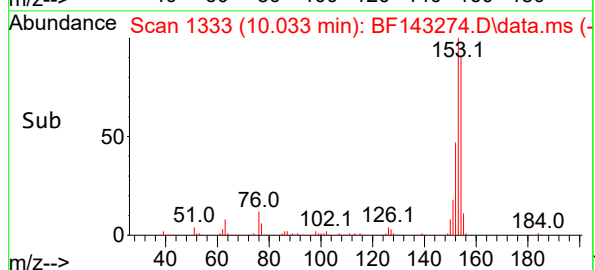
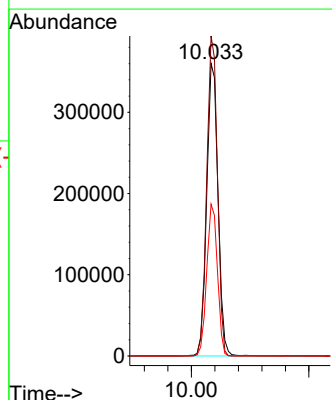
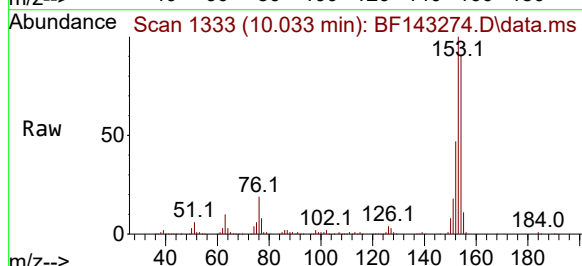
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

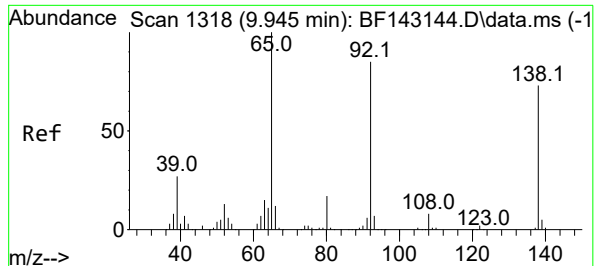
Tgt Ion:165 Resp: 120087
Ion Ratio Lower Upper
165 100
63 61.2 49.4 74.2
89 57.2 46.2 69.2



#52
Acenaphthene
Concen: 36.142 ng
RT: 10.033 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF143274.D
Acq: 01 Aug 2025 10:39

Tgt Ion:154 Resp: 480574
Ion Ratio Lower Upper
154 100
153 109.4 86.6 129.8
152 51.9 40.4 60.6





#53

3-Nitroaniline

Concen: 36.693 ng

RT: 9.945 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF143274.D

Acq: 01 Aug 2025 10:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

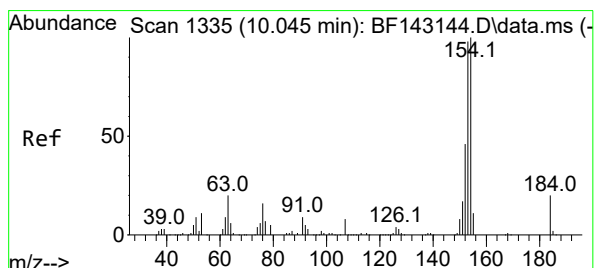
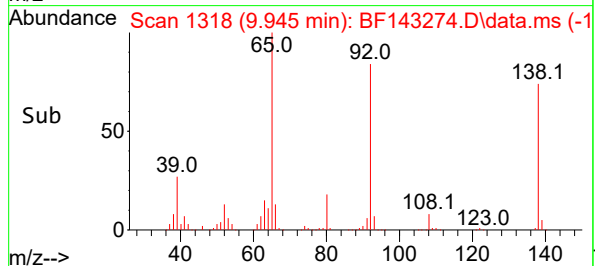
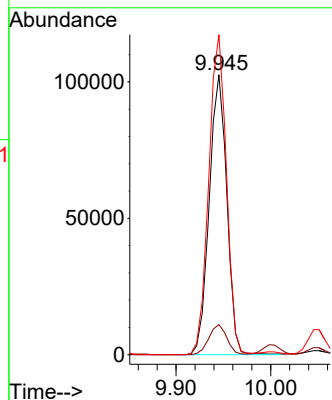
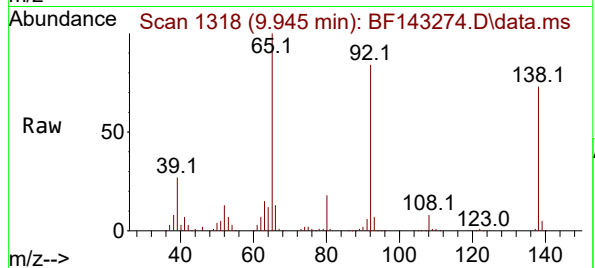
Tgt Ion:138 Resp: 132338

Ion Ratio Lower Upper

138 100

108 10.8 9.0 13.6

92 114.3 93.0 139.4



#54

2,4-Dinitrophenol

Concen: 39.961 ng

RT: 10.051 min Scan# 1336

Delta R.T. 0.006 min

Lab File: BF143274.D

Acq: 01 Aug 2025 10:39

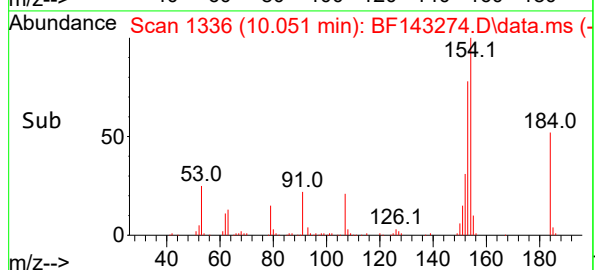
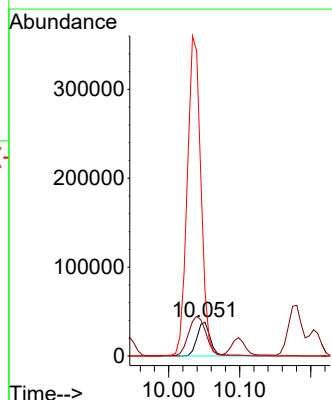
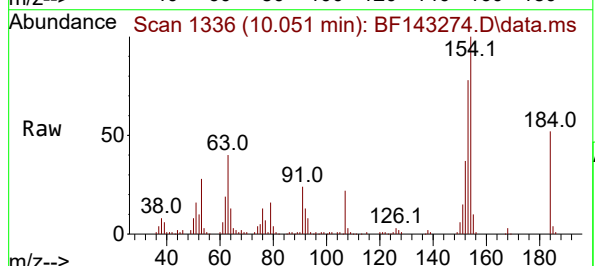
Tgt Ion:184 Resp: 50762

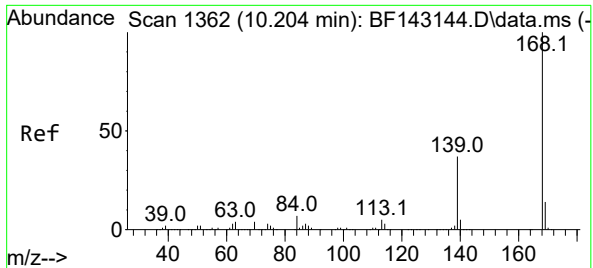
Ion Ratio Lower Upper

184 100

63 76.6 81.8 122.6#

154 191.5 412.2 618.4#





#55

Dibenzenofuran

Concen: 35.147 ng

RT: 10.204 min Scan# 1362

Delta R.T. 0.000 min

Lab File: BF143274.D

Acq: 01 Aug 2025 10:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

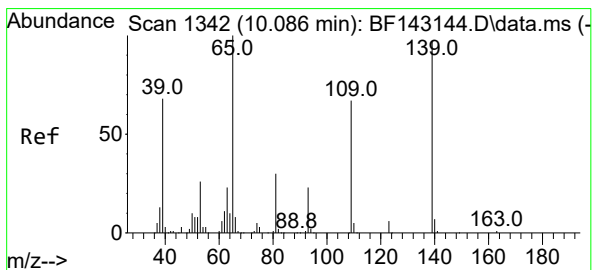
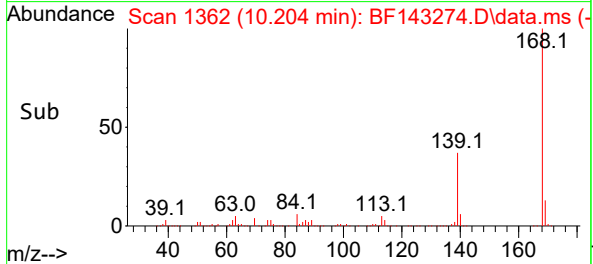
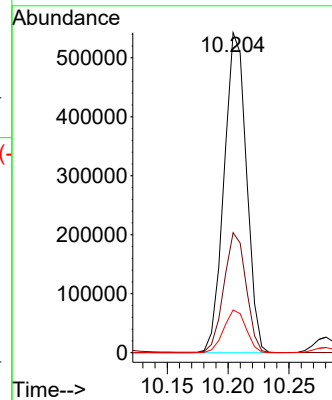
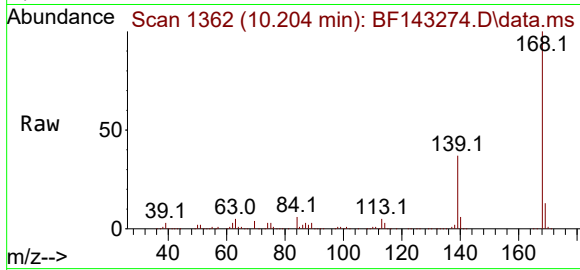
Tgt Ion:168 Resp: 693855

Ion Ratio Lower Upper

168 100

139 37.5 29.5 44.3

169 13.3 10.9 16.3



#56

4-Nitrophenol

Concen: 33.529 ng

RT: 10.098 min Scan# 1344

Delta R.T. 0.012 min

Lab File: BF143274.D

Acq: 01 Aug 2025 10:39

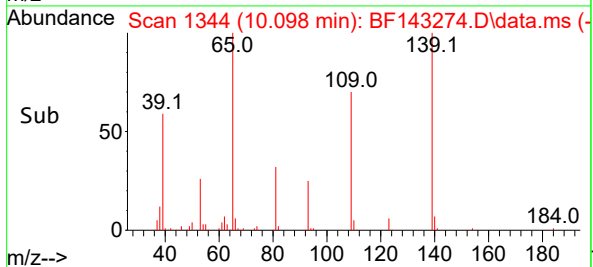
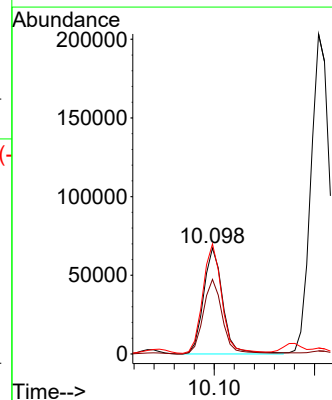
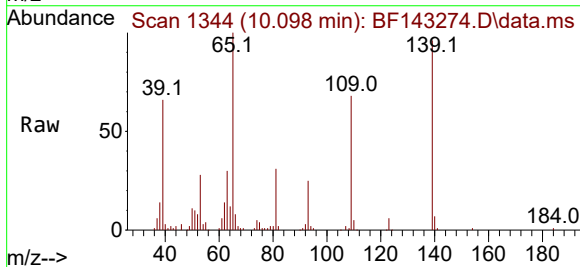
Tgt Ion:139 Resp: 90303

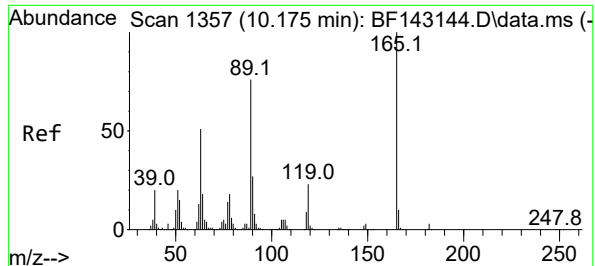
Ion Ratio Lower Upper

139 100

109 70.3 48.5 88.5

65 103.8 83.4 123.4

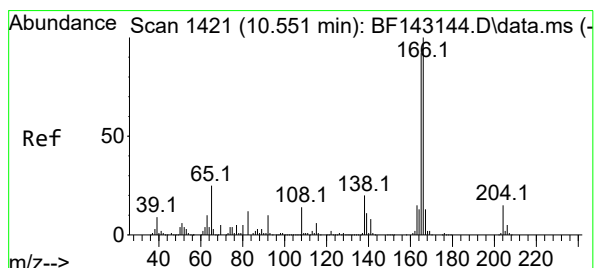
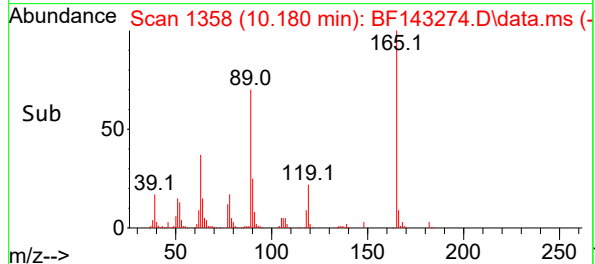
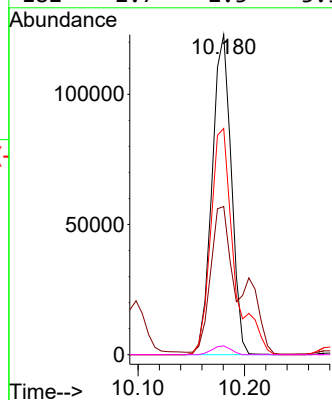
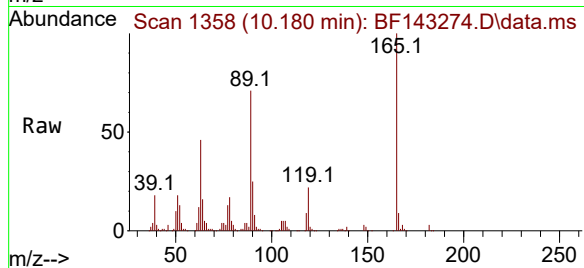




#57
2,4-Dinitrotoluene
Concen: 39.907 ng
RT: 10.180 min Scan# 1357
Delta R.T. 0.006 min
Lab File: BF143274.D
Acq: 01 Aug 2025 10:39

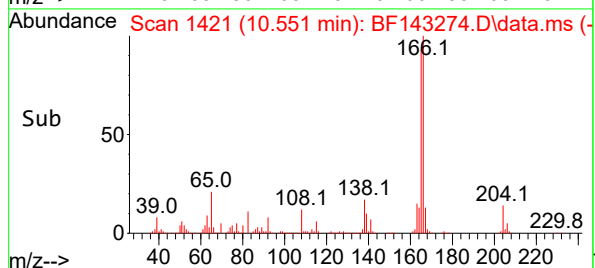
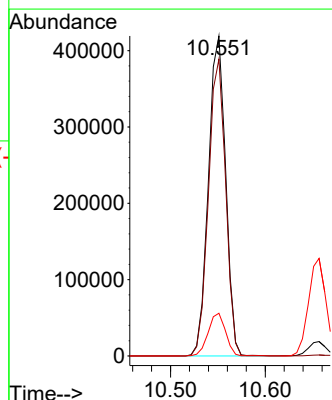
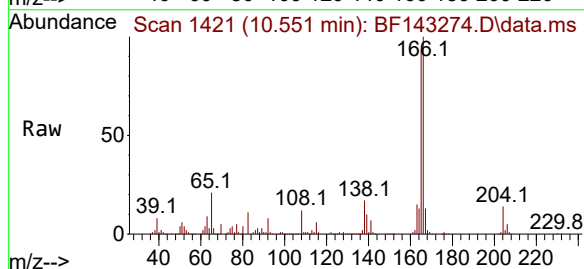
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

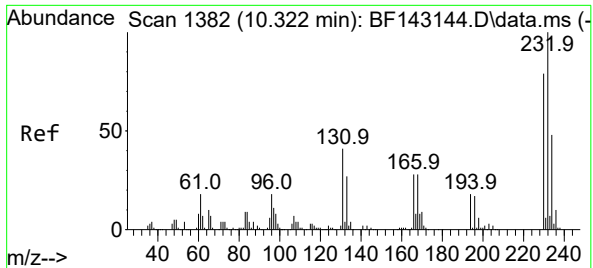
Tgt Ion:	165	Resp:	154384
Ion	Ratio	Lower	Upper
165	100		
63	46.3	41.0	61.4
89	70.7	61.1	91.7
182	2.7	2.3	3.5



#58
Fluorene
Concen: 35.625 ng
RT: 10.551 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF143274.D
Acq: 01 Aug 2025 10:39

Tgt Ion:	166	Resp:	527840
Ion	Ratio	Lower	Upper
166	100		
165	92.8	73.7	110.5
167	13.4	10.6	16.0

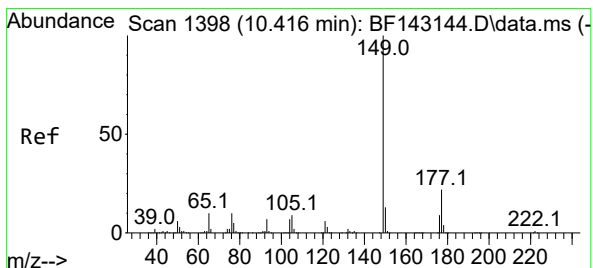
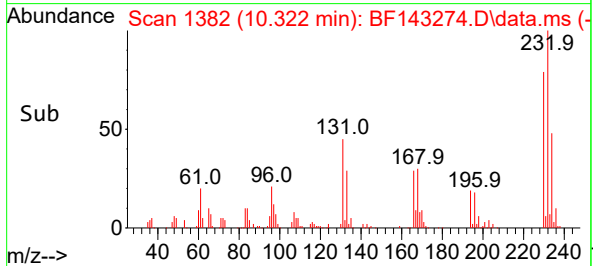
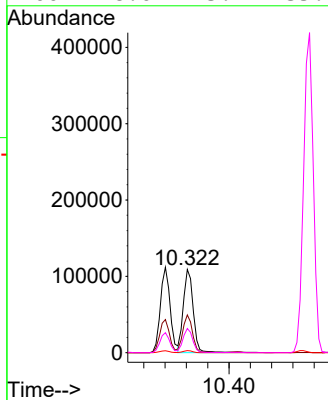
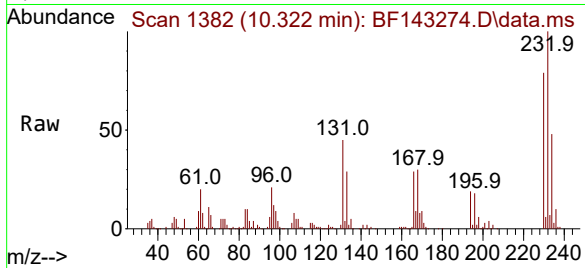




#59
2,3,4,6-Tetrachlorophenol
Concen: 36.205 ng
RT: 10.322 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BF143274.D
Acq: 01 Aug 2025 10:39

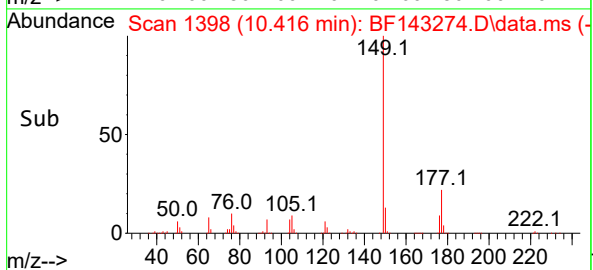
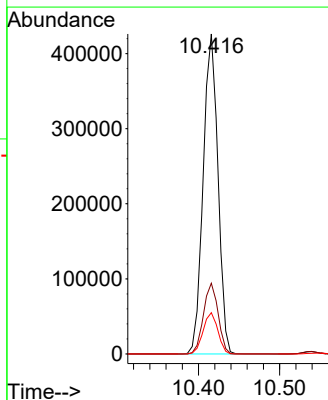
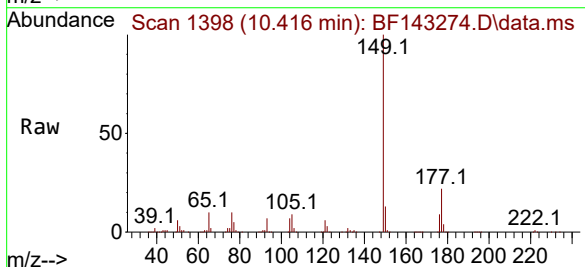
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

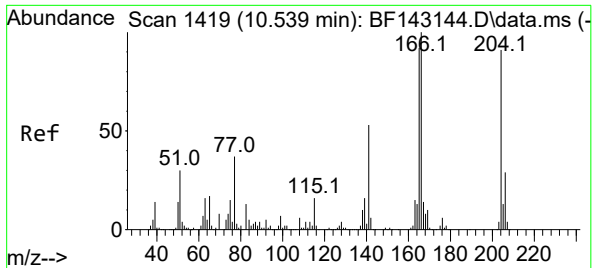
Tgt Ion:232 Resp: 139394
Ion Ratio Lower Upper
232 100
131 45.2 35.3 52.9
130 2.4 1.7 2.5
166 28.6 23.4 35.2



#60
Diethylphthalate
Concen: 35.831 ng
RT: 10.416 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BF143274.D
Acq: 01 Aug 2025 10:39

Tgt Ion:149 Resp: 536815
Ion Ratio Lower Upper
149 100
177 22.1 17.5 26.3
150 12.9 10.2 15.2

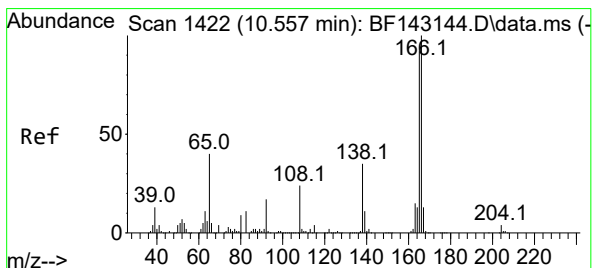
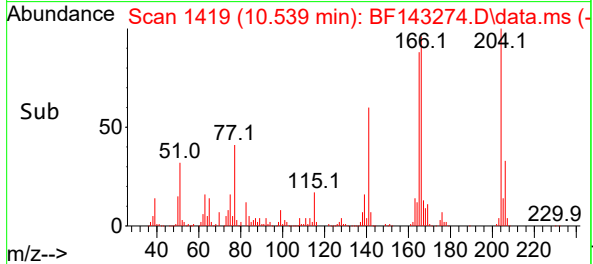
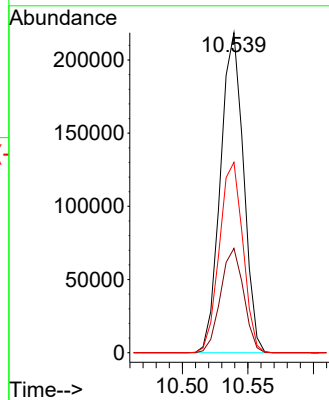
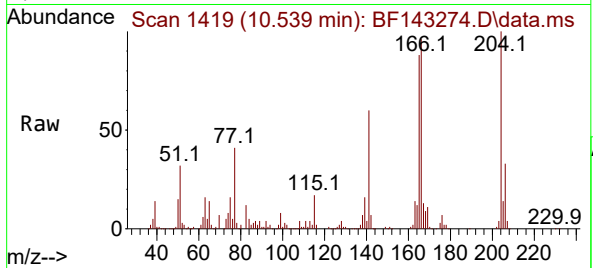




#61
4-Chlorophenyl-phenylether
Concen: 36.207 ng
RT: 10.539 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF143274.D
Acq: 01 Aug 2025 10:39

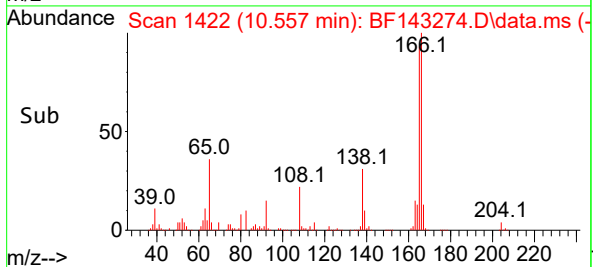
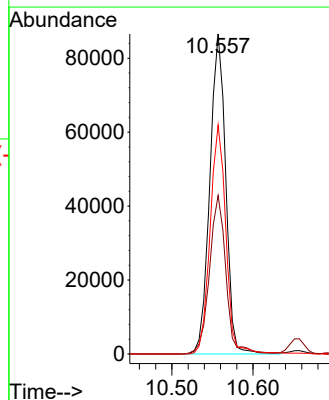
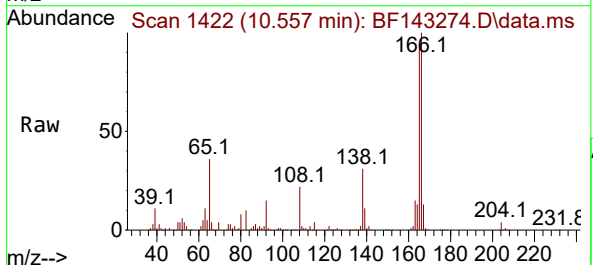
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

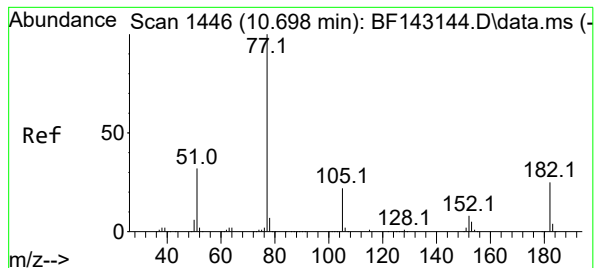
Tgt Ion:204 Resp: 267125
Ion Ratio Lower Upper
204 100
206 32.6 25.8 38.8
141 59.5 47.0 70.4



#62
4-Nitroaniline
Concen: 37.980 ng
RT: 10.557 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF143274.D
Acq: 01 Aug 2025 10:39

Tgt Ion:138 Resp: 117399
Ion Ratio Lower Upper
138 100
92 49.5 29.3 69.3
108 71.5 48.3 88.3

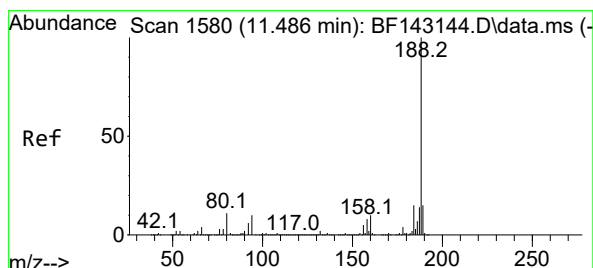
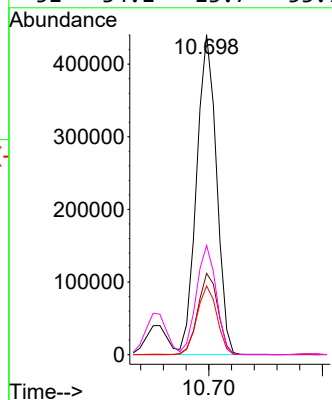
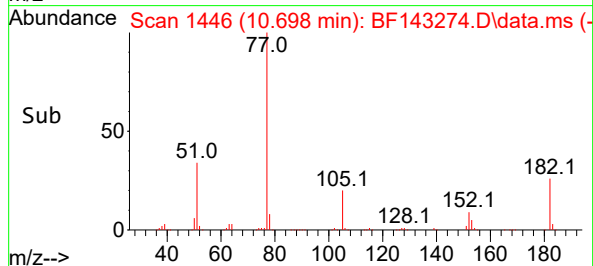
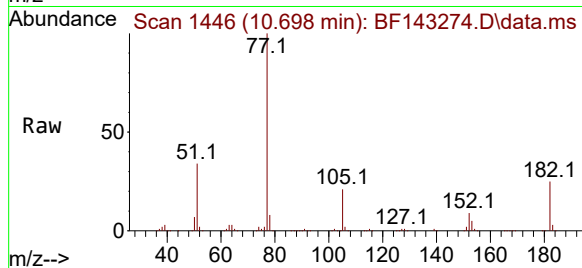




#63
Azobenzene
Concen: 34.221 ng
RT: 10.698 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BF143274.D
Acq: 01 Aug 2025 10:39

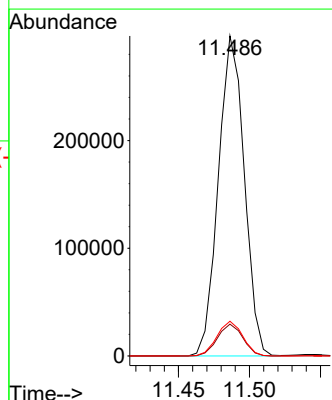
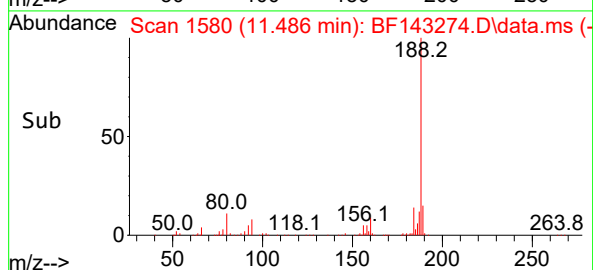
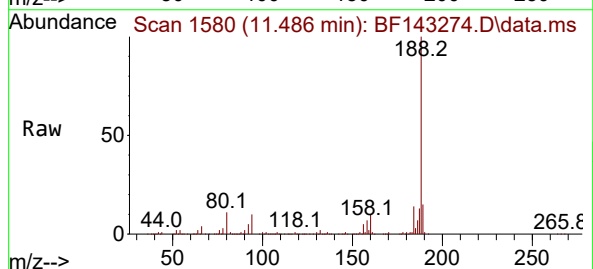
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

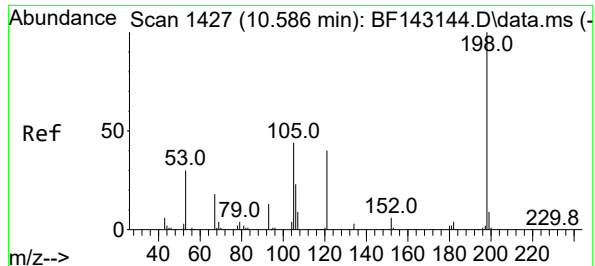
Tgt Ion: 77	Resp: 534346
Ion Ratio	Lower Upper
77 100	
182 25.4	4.6 44.6
105 21.5	1.4 41.4
51 34.1	13.7 53.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF143274.D
Acq: 01 Aug 2025 10:39

Tgt Ion:188	Resp: 377334
Ion Ratio	Lower Upper
188 100	
94 10.0	8.3 12.5
80 10.9	9.0 13.6

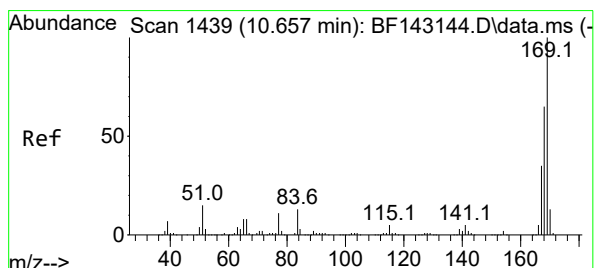
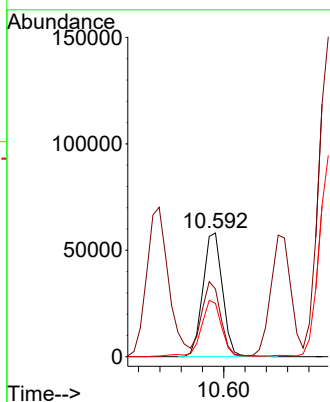
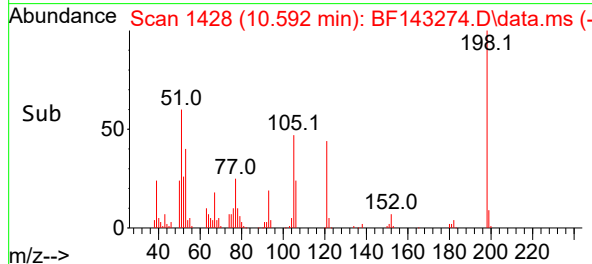
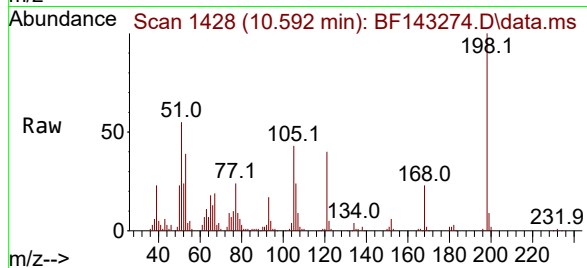




#65
4,6-Dinitro-2-methylphenol
Concen: 38.713 ng
RT: 10.592 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF143274.D
Acq: 01 Aug 2025 10:39

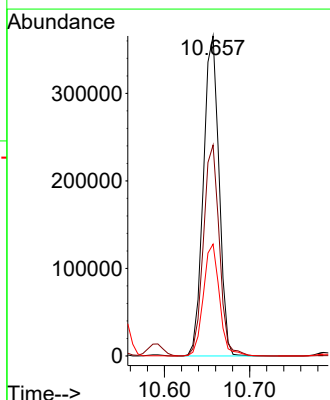
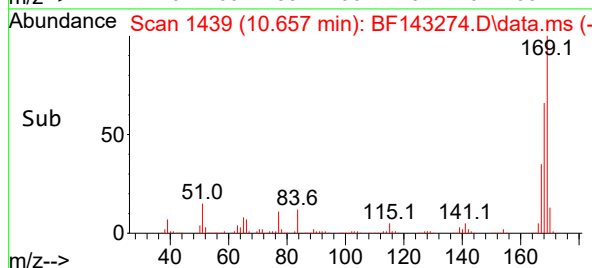
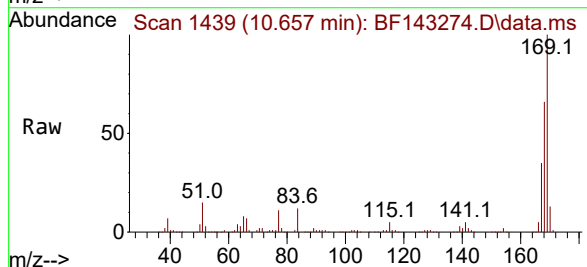
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

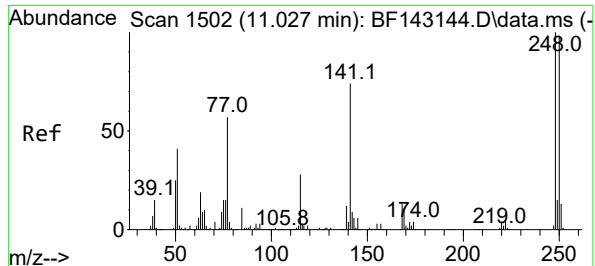
Tgt Ion:198 Resp: 74244
Ion Ratio Lower Upper
198 100
51 54.7 37.2 77.2
105 43.0 24.8 64.8



#66
n-Nitrosodiphenylamine
Concen: 35.039 ng
RT: 10.657 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF143274.D
Acq: 01 Aug 2025 10:39

Tgt Ion:169 Resp: 465562
Ion Ratio Lower Upper
169 100
168 65.9 52.1 78.1
167 35.0 28.2 42.2

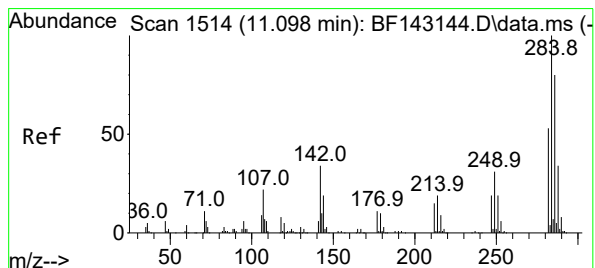
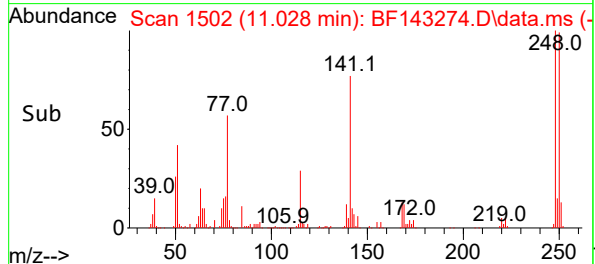
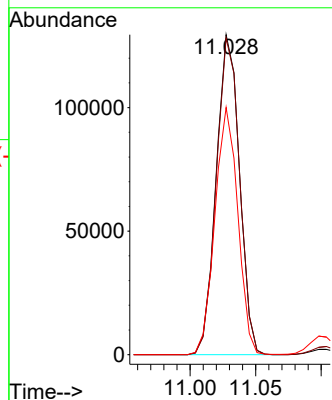
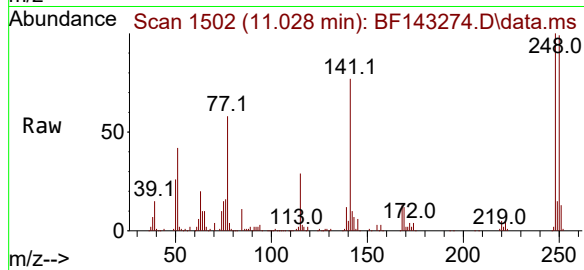




#67
4-Bromophenyl-phenylether
Concen: 35.460 ng
RT: 11.028 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF143274.D
Acq: 01 Aug 2025 10:39

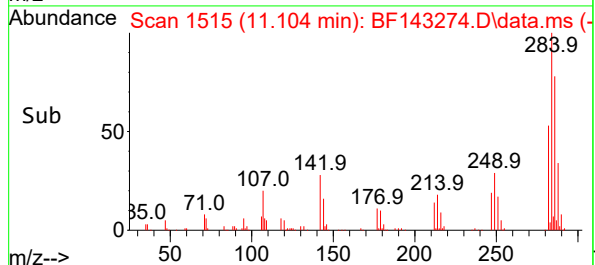
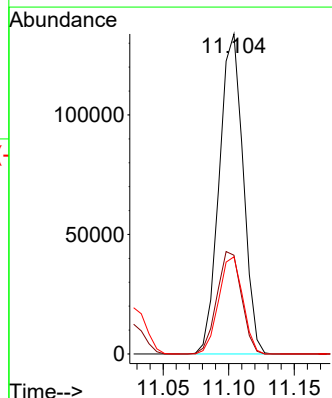
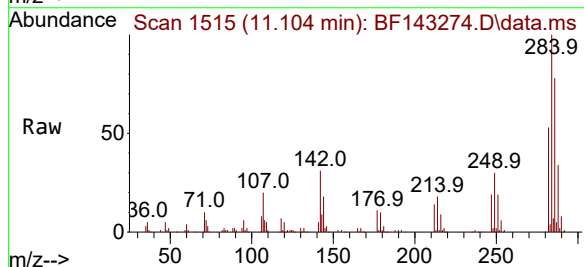
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

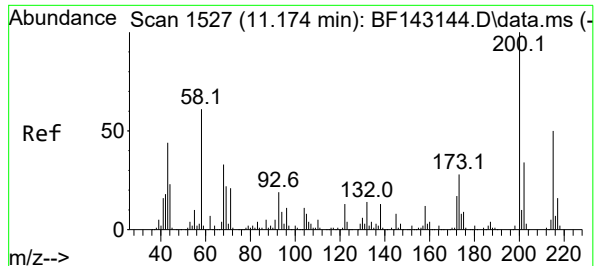
Tgt Ion:248 Resp: 159457
Ion Ratio Lower Upper
248 100
250 99.0 78.3 117.5
141 77.3 59.2 88.8



#68
Hexachlorobenzene
Concen: 36.068 ng
RT: 11.104 min Scan# 1515
Delta R.T. 0.006 min
Lab File: BF143274.D
Acq: 01 Aug 2025 10:39

Tgt Ion:284 Resp: 169525
Ion Ratio Lower Upper
284 100
142 30.9 27.0 40.6
249 30.4 25.0 37.6





#69

Atrazine

Concen: 37.754 ng

RT: 11.180 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF143274.D

Acq: 01 Aug 2025 10:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

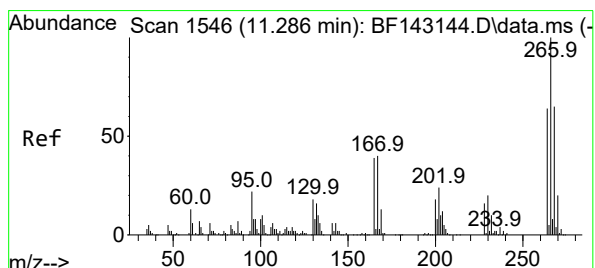
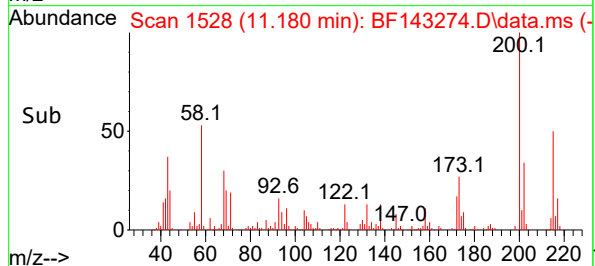
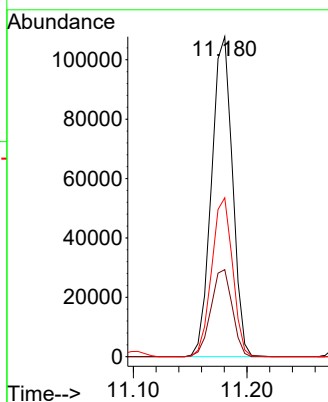
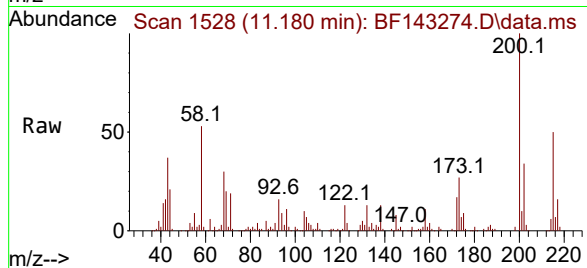
Tgt Ion:200 Resp: 138297

Ion Ratio Lower Upper

200 100

173 27.2 7.9 47.9

215 49.6 30.1 70.1



#70

Pentachlorophenol

Concen: 52.772 ng

RT: 11.292 min Scan# 1547

Delta R.T. 0.006 min

Lab File: BF143274.D

Acq: 01 Aug 2025 10:39

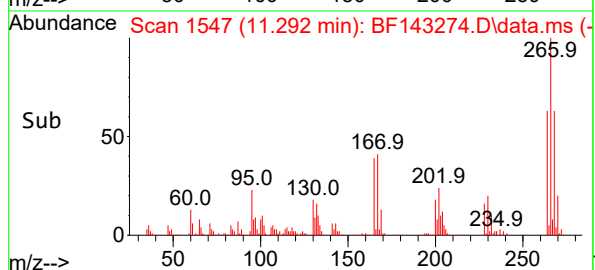
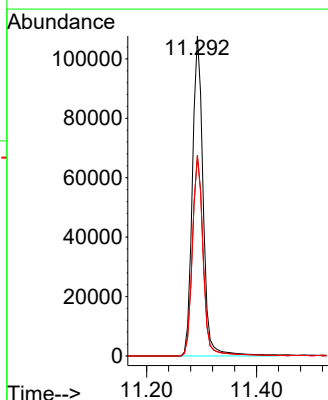
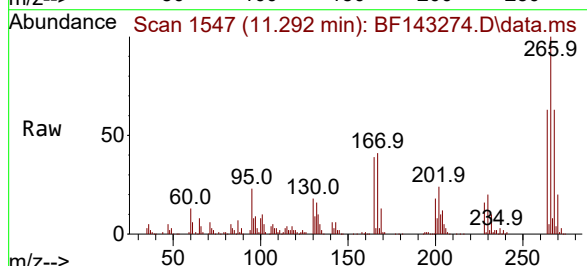
Tgt Ion:266 Resp: 145865

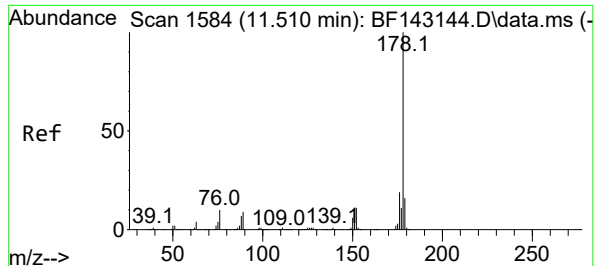
Ion Ratio Lower Upper

266 100

268 62.5 51.9 77.9

264 62.7 51.0 76.6





#71

Phenanthrene

Concen: 35.296 ng

RT: 11.510 min Scan# 1584

Delta R.T. 0.000 min

Lab File: BF143274.D

Acq: 01 Aug 2025 10:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

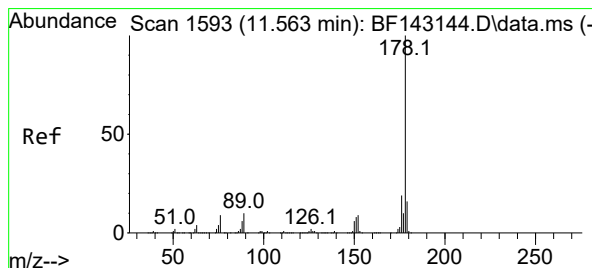
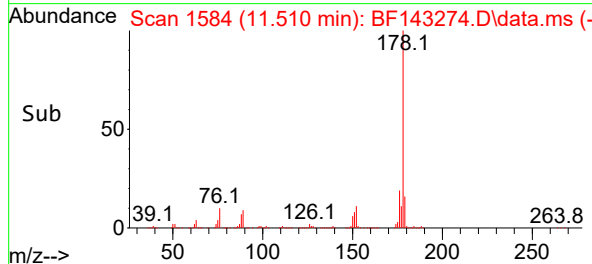
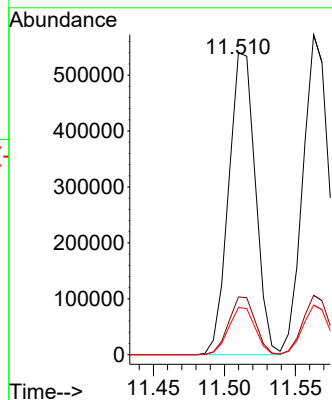
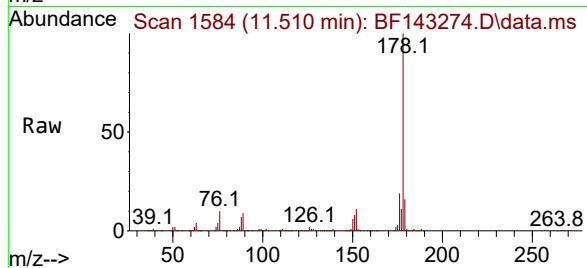
Tgt Ion:178 Resp: 707168

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

179 15.6 12.5 18.7



#72

Anthracene

Concen: 35.326 ng

RT: 11.563 min Scan# 1593

Delta R.T. 0.000 min

Lab File: BF143274.D

Acq: 01 Aug 2025 10:39

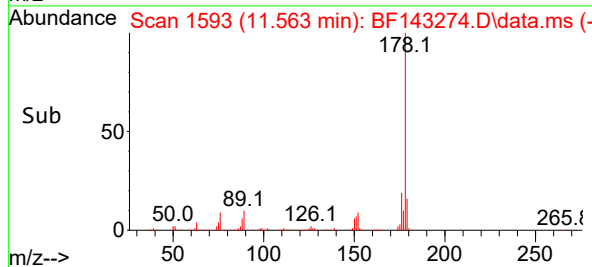
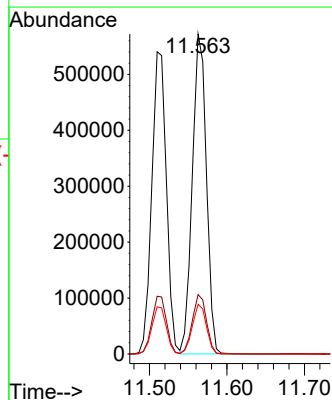
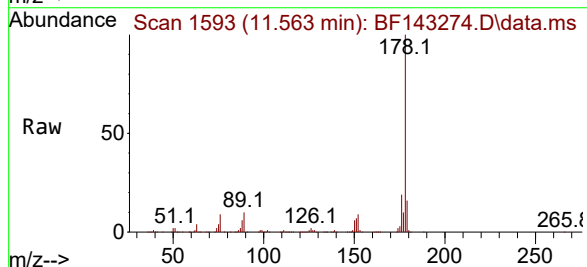
Tgt Ion:178 Resp: 721846

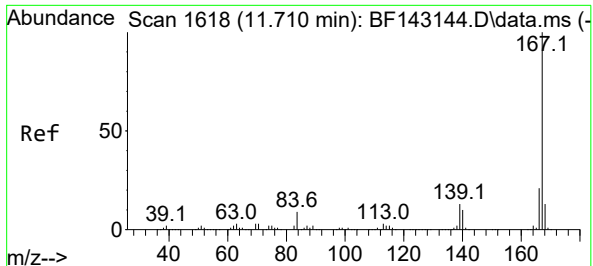
Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.4

179 15.5 12.5 18.7





#73

Carbazole

Concen: 35.603 ng

RT: 11.716 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF143274.D

Acq: 01 Aug 2025 10:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

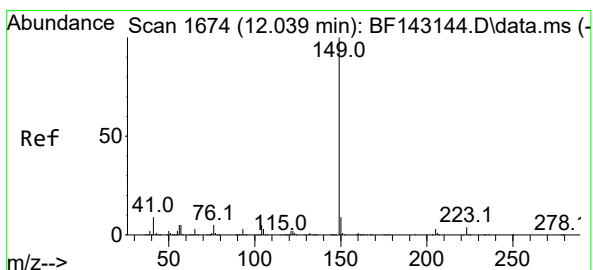
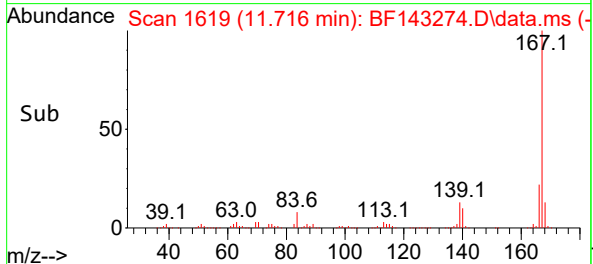
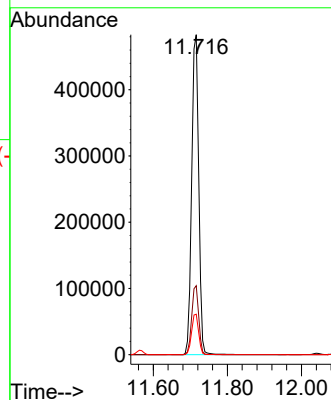
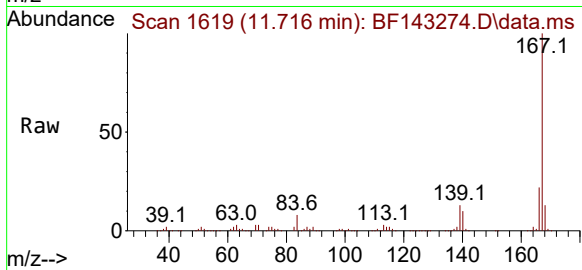
Tgt Ion:167 Resp: 635252

Ion Ratio Lower Upper

167 100

166 21.5 17.0 25.6

139 12.7 10.0 15.0



#74

Di-n-butylphthalate

Concen: 37.312 ng

RT: 12.039 min Scan# 1674

Delta R.T. 0.000 min

Lab File: BF143274.D

Acq: 01 Aug 2025 10:39

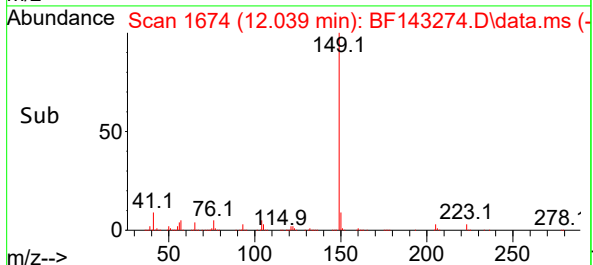
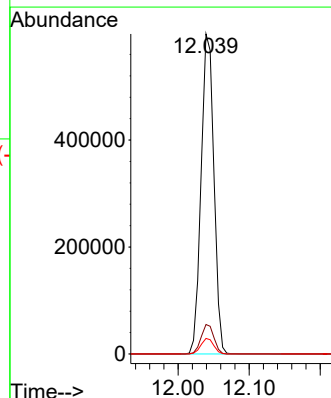
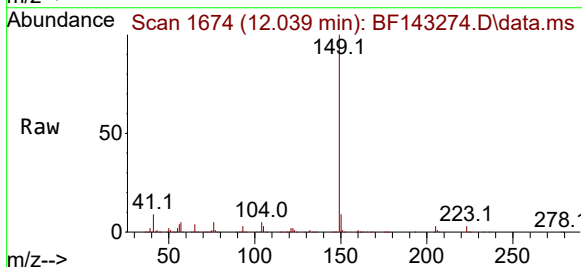
Tgt Ion:149 Resp: 753299

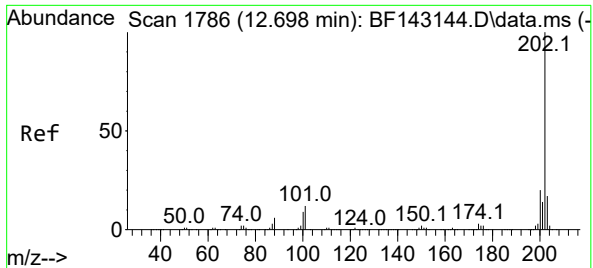
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

104 4.9 3.8 5.8

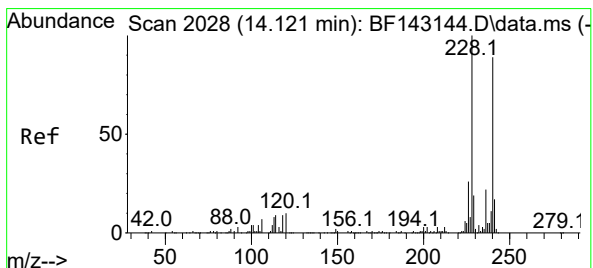
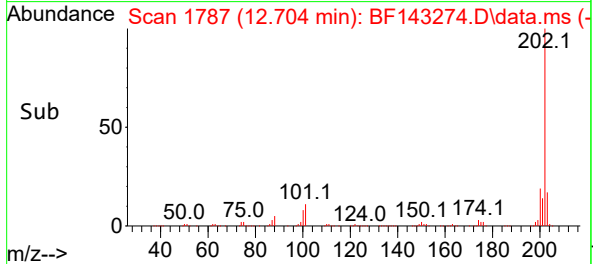
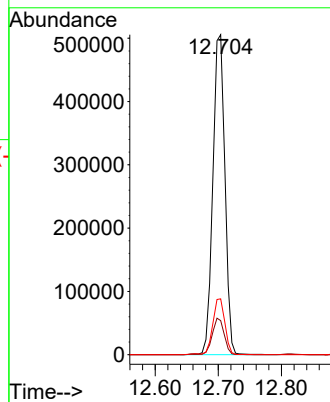
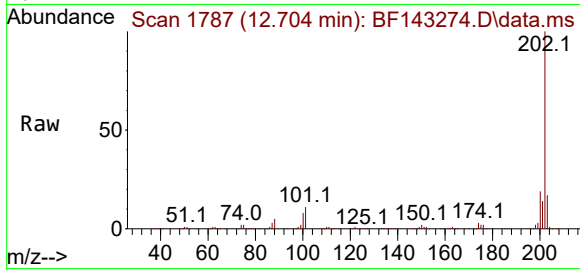




#75
Fluoranthene
Concen: 36.431 ng
RT: 12.704 min Scan# 1787
Delta R.T. 0.006 min
Lab File: BF143274.D
Acq: 01 Aug 2025 10:39

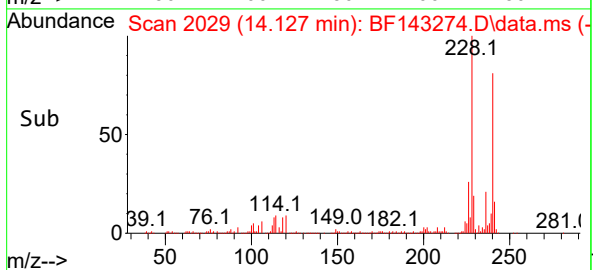
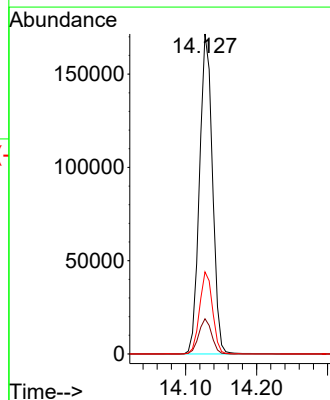
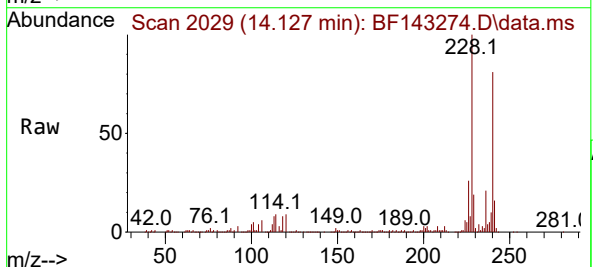
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

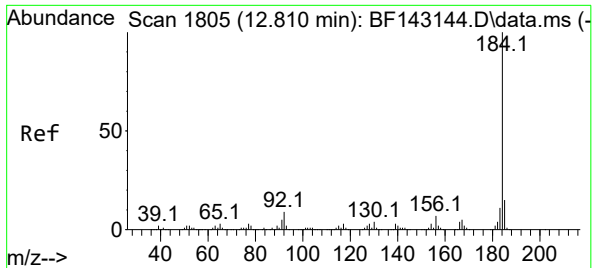
Tgt Ion:202 Resp: 669955
Ion Ratio Lower Upper
202 100
101 10.7 0.0 31.7
203 17.5 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2029
Delta R.T. 0.006 min
Lab File: BF143274.D
Acq: 01 Aug 2025 10:39

Tgt Ion:240 Resp: 218710
Ion Ratio Lower Upper
240 100
120 11.0 9.4 14.2
236 25.6 20.2 30.4

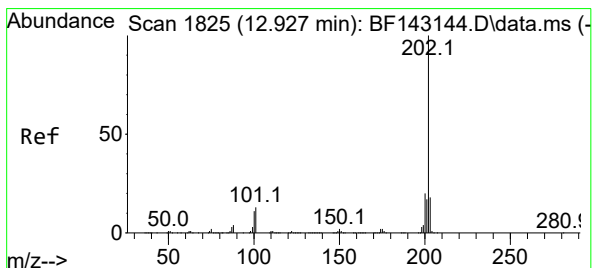
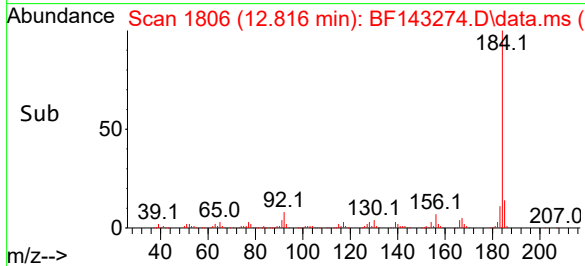
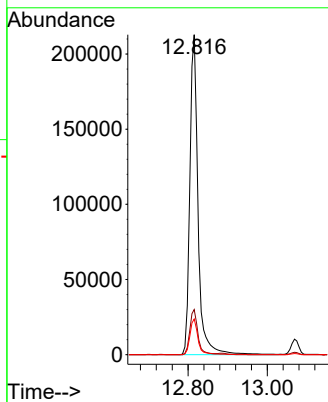
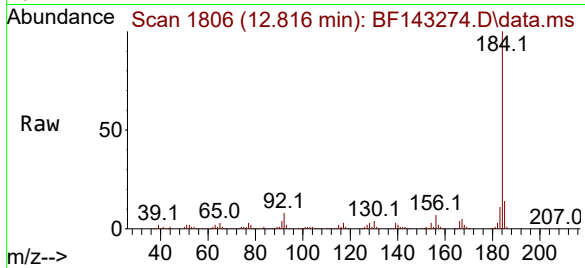




#77
Benzidine
Concen: 36.483 ng
RT: 12.816 min Scan# 1806
Delta R.T. 0.006 min
Lab File: BF143274.D
Acq: 01 Aug 2025 10:39

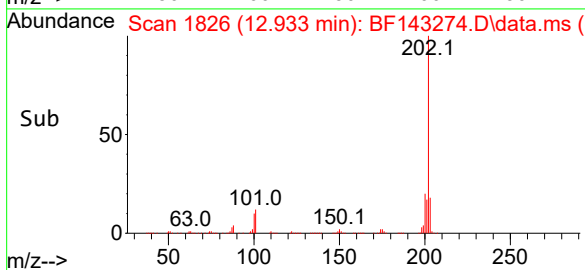
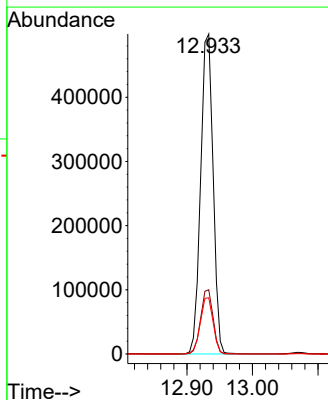
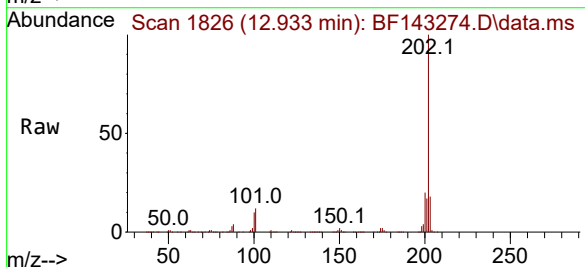
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

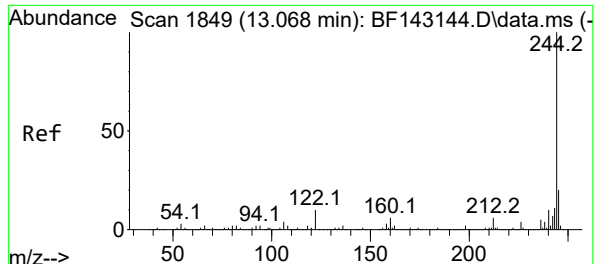
Tgt Ion:184 Resp: 307417
Ion Ratio Lower Upper
184 100
185 14.1 12.2 18.4
183 11.2 9.0 13.4



#78
Pyrene
Concen: 35.449 ng
RT: 12.933 min Scan# 1826
Delta R.T. 0.006 min
Lab File: BF143274.D
Acq: 01 Aug 2025 10:39

Tgt Ion:202 Resp: 661688
Ion Ratio Lower Upper
202 100
200 20.0 15.7 23.5
203 17.5 14.2 21.2





#79

Terphenyl-d14

Concen: 70.608 ng

RT: 13.069 min Scan# 1849

Delta R.T. 0.000 min

Lab File: BF143274.D

Acq: 01 Aug 2025 10:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

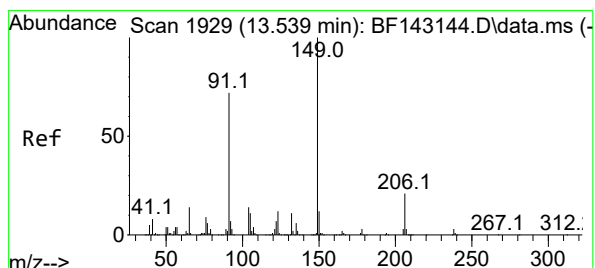
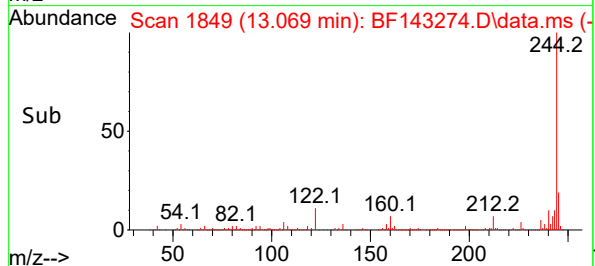
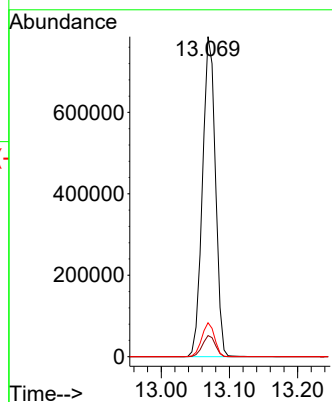
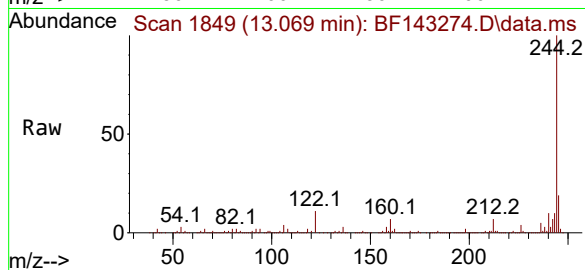
Tgt Ion:244 Resp: 1037738

Ion Ratio Lower Upper

244 100

212 6.6 5.2 7.8

122 10.6 8.2 12.2



#80

Butylbenzylphthalate

Concen: 42.507 ng

RT: 13.539 min Scan# 1929

Delta R.T. 0.000 min

Lab File: BF143274.D

Acq: 01 Aug 2025 10:39

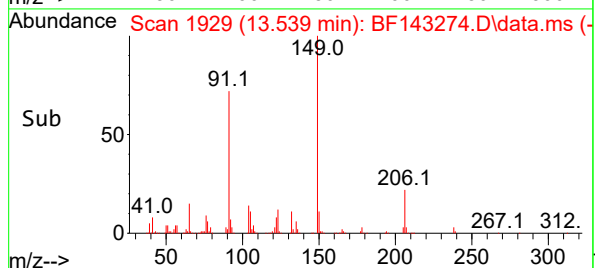
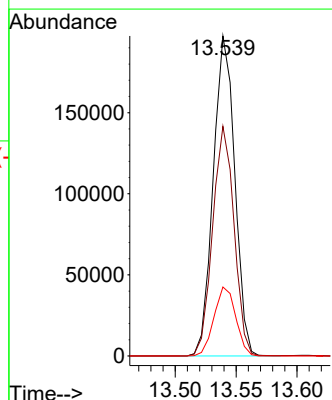
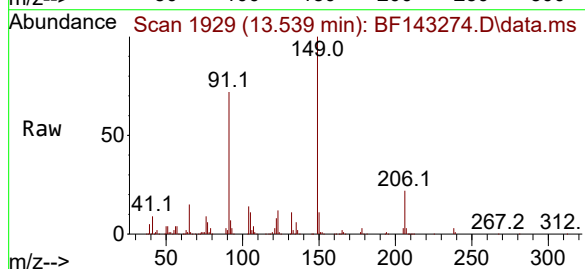
Tgt Ion:149 Resp: 242957

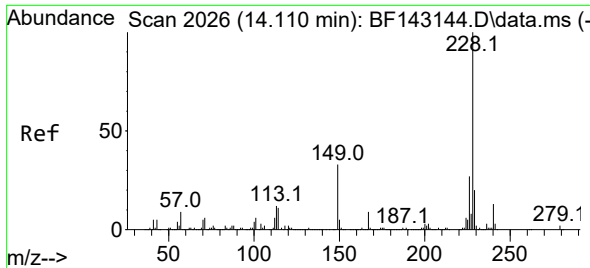
Ion Ratio Lower Upper

149 100

91 71.7 57.9 86.9

206 21.5 17.0 25.4

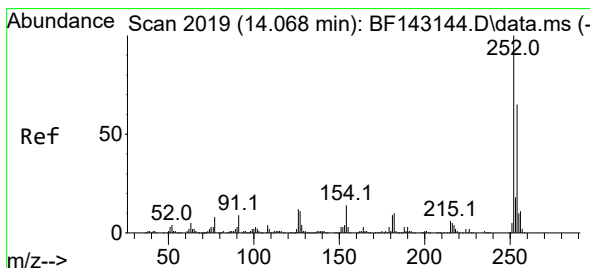
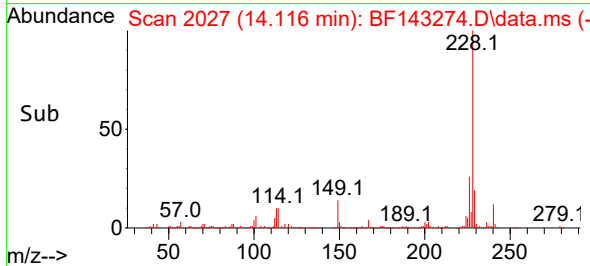
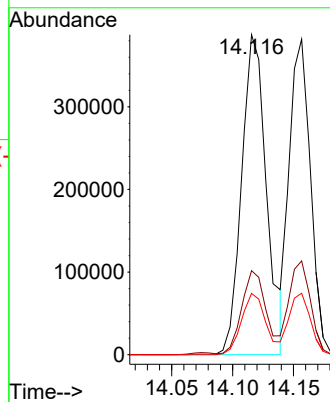
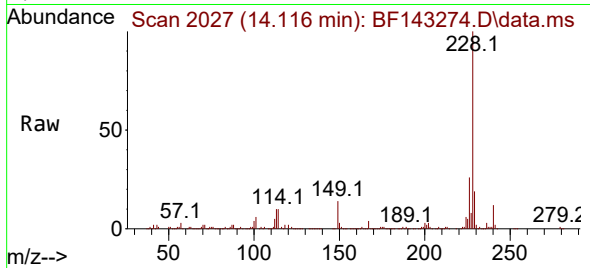




#81
Benzo(a)anthracene
Concen: 37.496 ng
RT: 14.116 min Scan# 2026
Delta R.T. 0.006 min
Lab File: BF143274.D
Acq: 01 Aug 2025 10:39

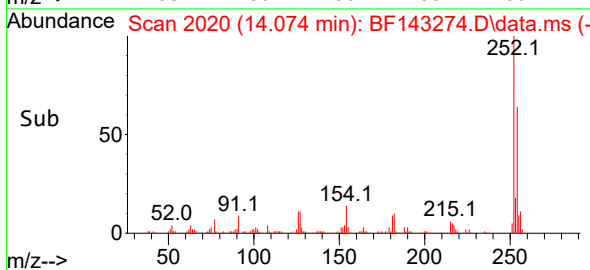
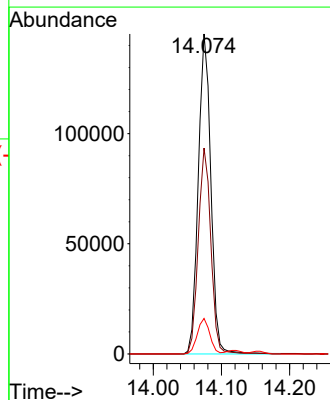
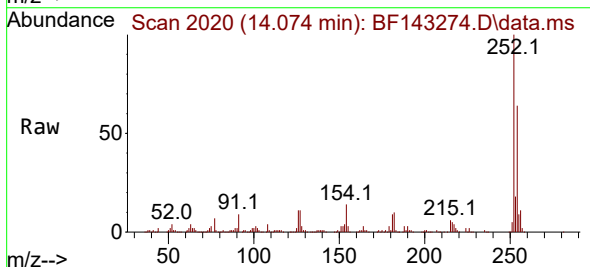
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

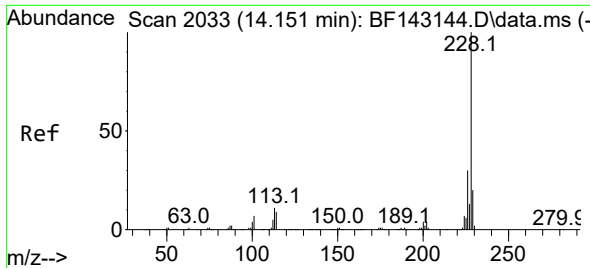
Tgt Ion:228 Resp: 549044
Ion Ratio Lower Upper
228 100
226 26.3 21.7 32.5
229 19.2 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 38.007 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BF143274.D
Acq: 01 Aug 2025 10:39

Tgt Ion:252 Resp: 185482
Ion Ratio Lower Upper
252 100
254 64.4 51.7 77.5
126 11.1 9.4 14.0

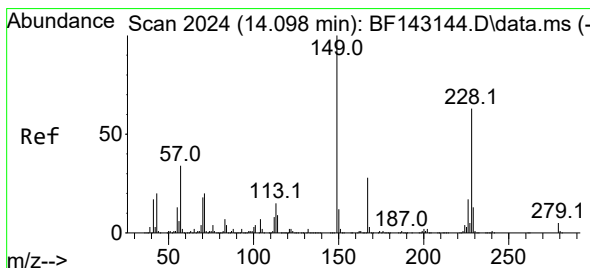
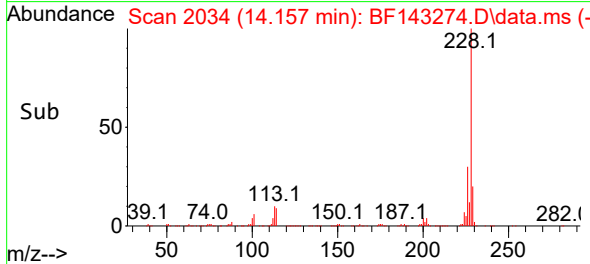
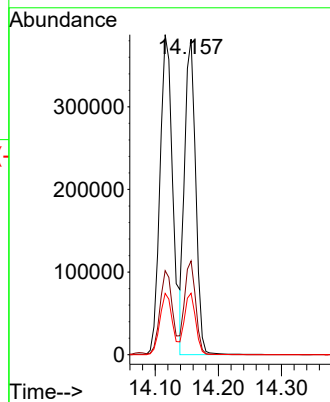
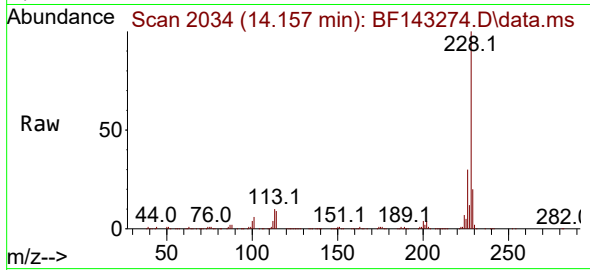




#83
Chrysene
Concen: 35.219 ng
RT: 14.157 min Scan# 2033
Delta R.T. 0.006 min
Lab File: BF143274.D
Acq: 01 Aug 2025 10:39

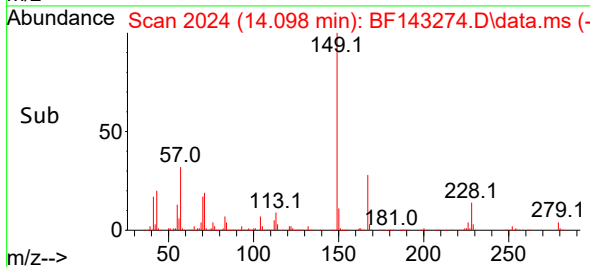
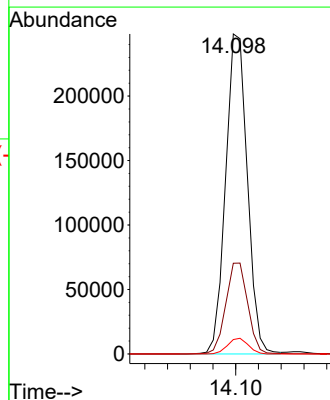
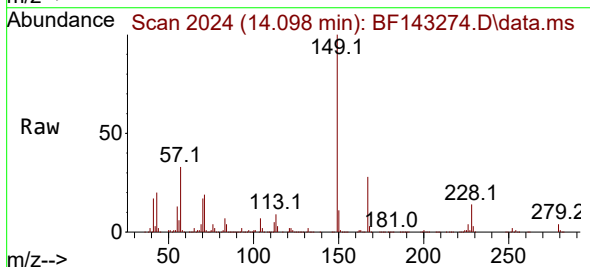
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

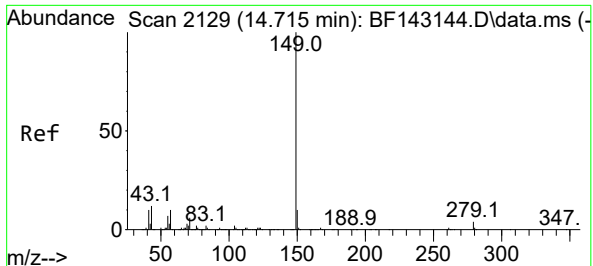
Tgt Ion:228 Resp: 463660
Ion Ratio Lower Upper
228 100
226 29.7 23.8 35.8
229 19.5 15.6 23.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 38.092 ng
RT: 14.098 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF143274.D
Acq: 01 Aug 2025 10:39

Tgt Ion:149 Resp: 329547
Ion Ratio Lower Upper
149 100
167 28.3 22.3 33.5
279 4.5 3.6 5.4

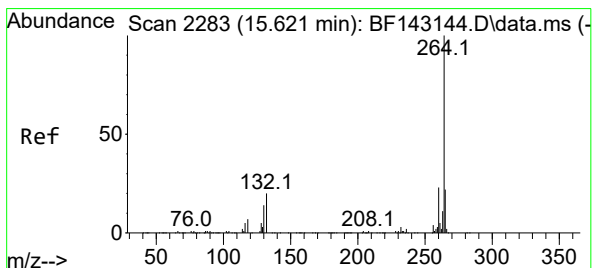
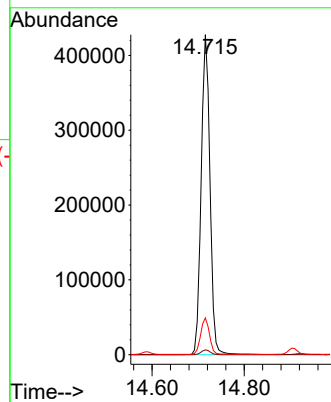
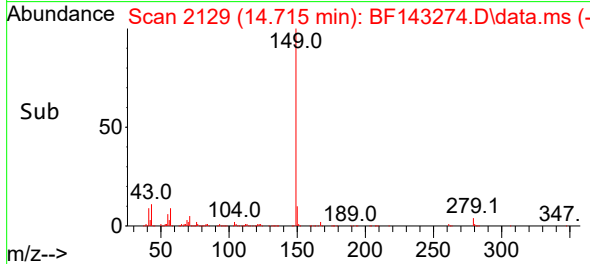
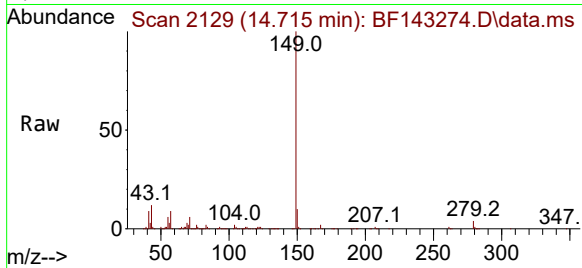




#85
Di-n-octyl phthalate
Concen: 36.132 ng
RT: 14.715 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BF143274.D
Acq: 01 Aug 2025 10:39

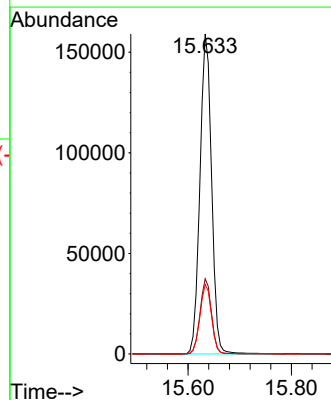
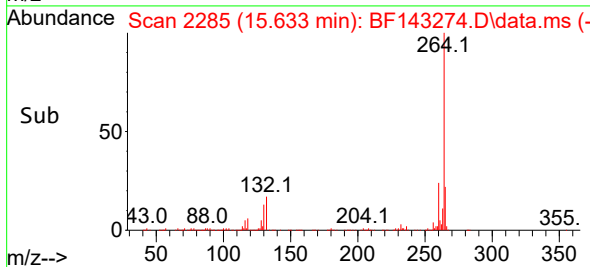
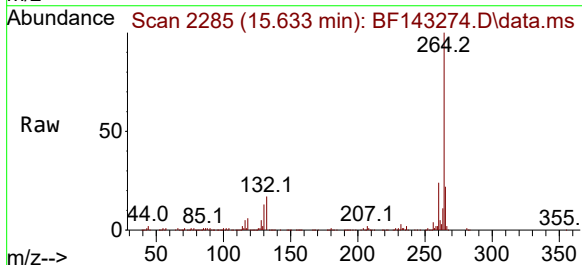
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

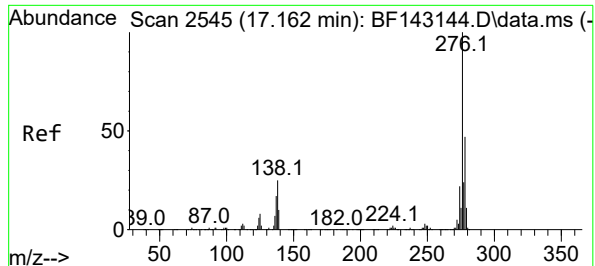
Tgt Ion:149 Resp: 566613
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 11.5 9.7 14.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.633 min Scan# 2285
Delta R.T. 0.012 min
Lab File: BF143274.D
Acq: 01 Aug 2025 10:39

Tgt Ion:264 Resp: 248884
Ion Ratio Lower Upper
264 100
260 23.5 18.5 27.7
265 21.7 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 36.678 ng

RT: 17.180 min Scan# 2110

Delta R.T. 0.018 min

Lab File: BF143274.D

Acq: 01 Aug 2025 10:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

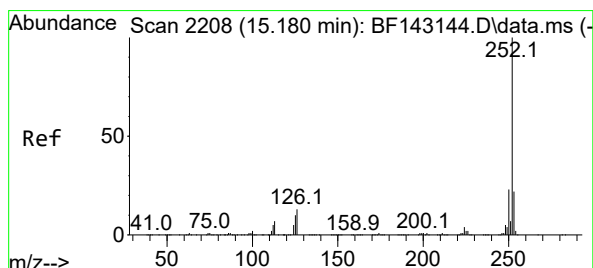
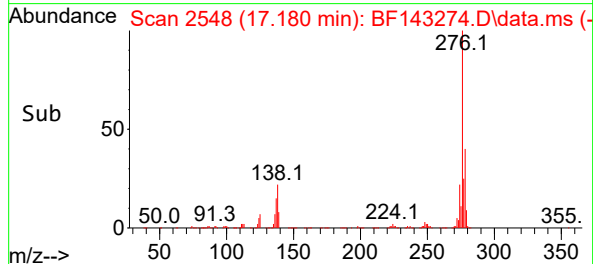
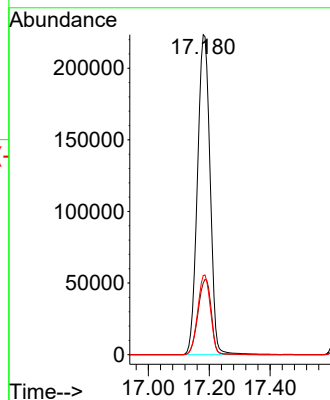
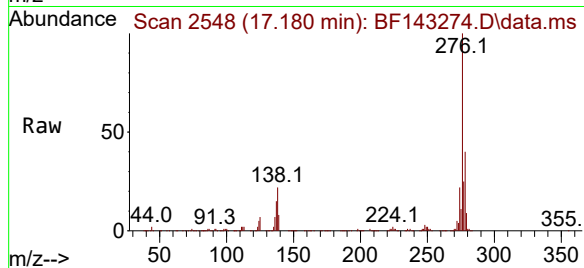
Tgt Ion:276 Resp: 643679

Ion Ratio Lower Upper

276 100

138 24.6 21.8 32.6

277 25.1 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 34.750 ng

RT: 15.192 min Scan# 2210

Delta R.T. 0.012 min

Lab File: BF143274.D

Acq: 01 Aug 2025 10:39

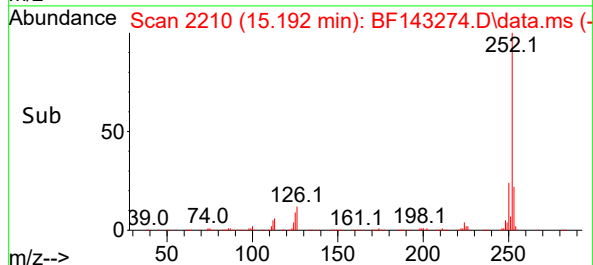
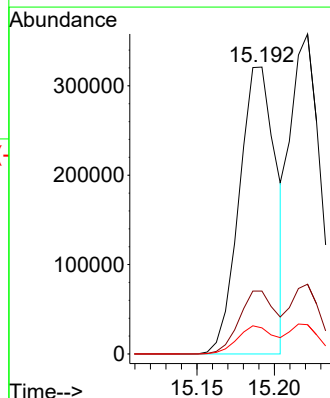
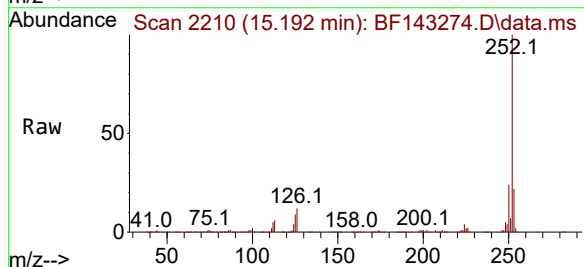
Tgt Ion:252 Resp: 528361

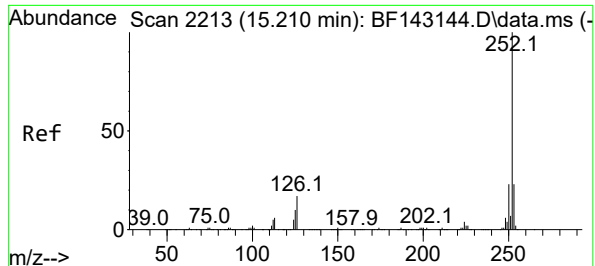
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 9.1 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 35.781 ng

RT: 15.221 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF143274.D

Acq: 01 Aug 2025 10:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

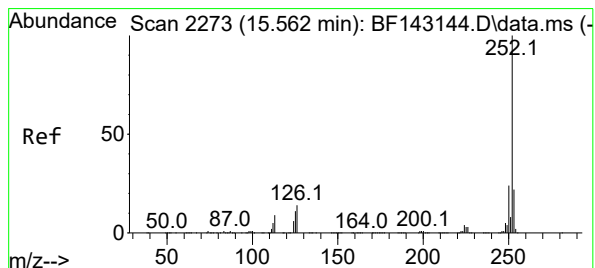
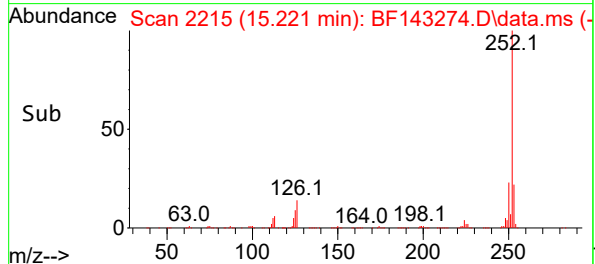
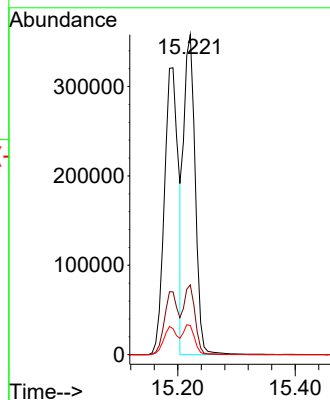
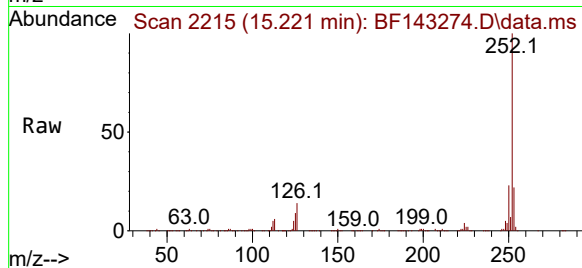
Tgt Ion:252 Resp: 485473

Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.6

125 9.2 8.1 12.1



#90

Benzo(a)pyrene

Concen: 35.501 ng

RT: 15.568 min Scan# 2274

Delta R.T. 0.006 min

Lab File: BF143274.D

Acq: 01 Aug 2025 10:39

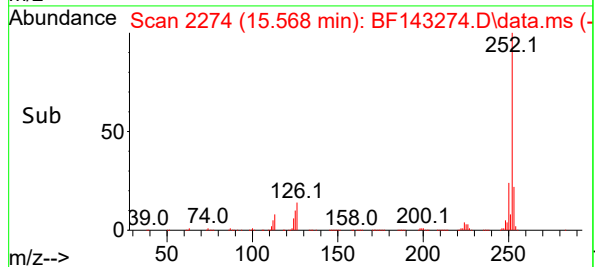
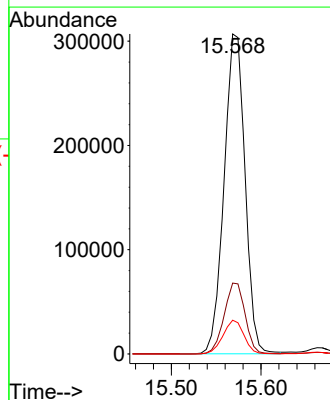
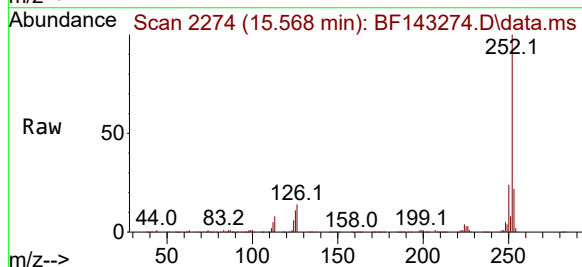
Tgt Ion:252 Resp: 497327

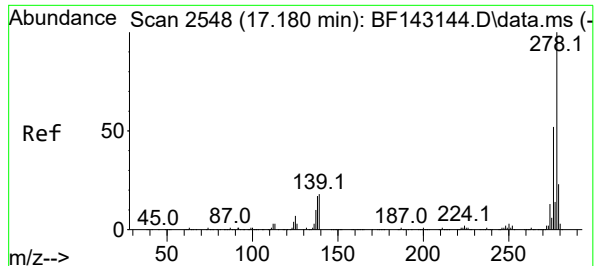
Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

125 10.5 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 36.331 ng

RT: 17.198 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF143274.D

Acq: 01 Aug 2025 10:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

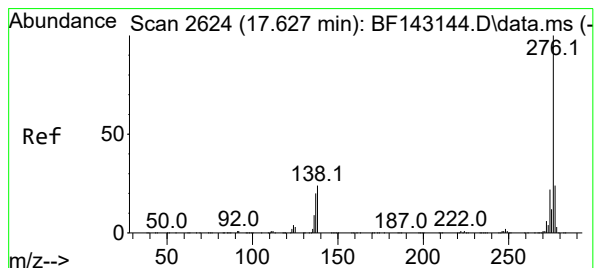
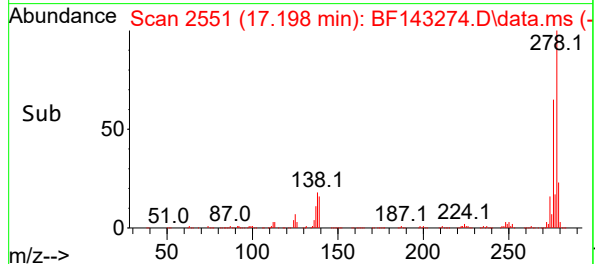
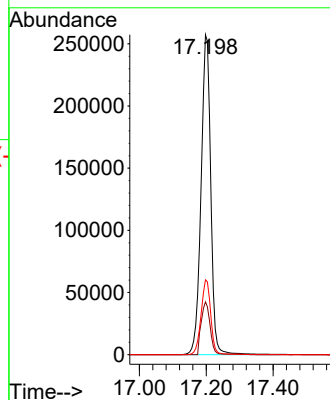
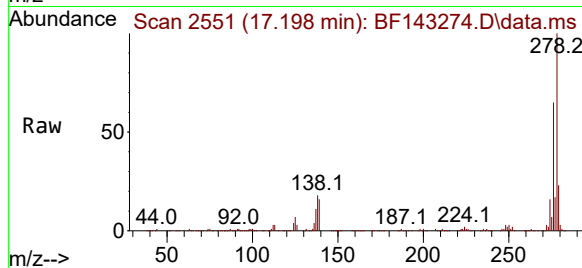
Tgt Ion:278 Resp: 518967

Ion Ratio Lower Upper

278 100

139 16.5 14.1 21.1

279 23.4 18.6 28.0



#92

Benzo(g,h,i)perylene

Concen: 37.213 ng

RT: 17.651 min Scan# 2628

Delta R.T. 0.024 min

Lab File: BF143274.D

Acq: 01 Aug 2025 10:39

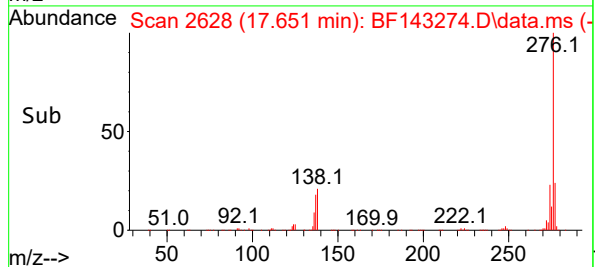
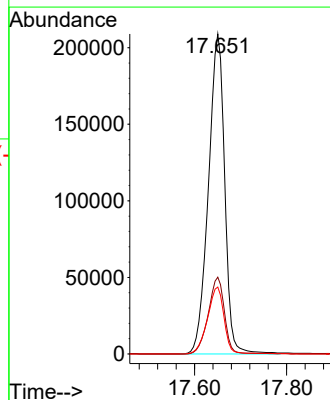
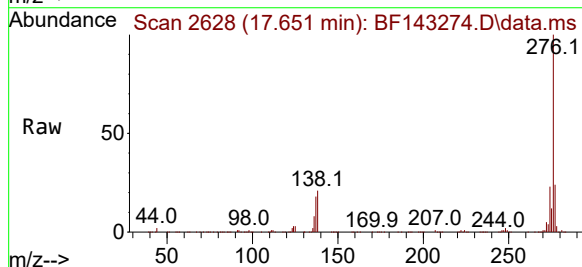
Tgt Ion:276 Resp: 514198

Ion Ratio Lower Upper

276 100

277 24.0 19.1 28.7

138 20.9 18.9 28.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080125\
 Data File : BF143274.D
 Acq On : 01 Aug 2025 10:39
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Aug 01 11:46:47 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	72	0.00
2	1,4-Dioxane	0.598	0.489	18.2	59	-0.02
3	Pyridine	1.552	1.249	19.5	59	-0.01
4	n-Nitrosodimethylamine	0.801	0.684	14.6	61	-0.02
5 S	2-Fluorophenol	1.264	1.065	15.7	62	0.00
6	Aniline	2.217	1.850	16.6	60	0.00
7 S	Phenol-d6	1.591	1.351	15.1	62	0.00
8	2-Chlorophenol	1.325	1.150	13.2	63	0.00
9	Benzaldehyde	1.193	1.023	14.2	51	0.00
10 C	Phenol	1.733	1.533	11.5	64	0.00
11	bis(2-Chloroethyl)ether	1.327	1.112	16.2	61	0.00
12	1,3-Dichlorobenzene	1.439	1.269	11.8	65	0.00
13 C	1,4-Dichlorobenzene	1.449	1.274	12.1	64	0.00
14	1,2-Dichlorobenzene	1.378	1.229	10.8	66	0.00
15	Benzyl Alcohol	1.215	1.075	11.5	63	0.00
16	2,2'-oxybis(1-Chloropropane	2.461	2.035	17.3	60	0.00
17	2-Methylphenol	1.114	0.962	13.6	63	0.00
18	Hexachloroethane	0.502	0.457	9.0	66	0.00
19 P	n-Nitroso-di-n-propylamine	1.021	0.860	15.8	63	0.00
20	3+4-Methylphenols	1.351	1.189	12.0	64	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	71	0.00
22	Acetophenone	0.474	0.406	14.3	63	0.00
23 S	Nitrobenzene-d5	0.401	0.369	8.0	66	0.00
24	Nitrobenzene	0.374	0.339	9.4	64	0.00
25	Isophorone	0.708	0.612	13.6	63	0.00
26 C	2-Nitrophenol	0.162	0.162	0.0	67	0.00
27	2,4-Dimethylphenol	0.331	0.282	14.8	61	0.00
28	bis(2-Chloroethoxy)methane	0.425	0.365	14.1	63	0.00
29 C	2,4-Dichlorophenol	0.279	0.250	10.4	64	0.00
30	1,2,4-Trichlorobenzene	0.302	0.274	9.3	66	0.00
31	Naphthalene	0.985	0.873	11.4	65	0.00
32	Benzoic acid	0.169	0.154	8.9	61	0.00
33	4-Chloroaniline	0.402	0.352	12.4	64	0.00
34 C	Hexachlorobutadiene	0.184	0.172	6.5	67	0.00
35	Caprolactam	0.084	0.078	7.1	63	0.00
36 C	4-Chloro-3-methylphenol	0.303	0.274	9.6	65	0.00
37	2-Methylnaphthalene	0.599	0.533	11.0	65	0.00
38	1-Methylnaphthalene	0.617	0.551	10.7	65	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	70	0.00
40	1,2,4,5-Tetrachlorobenzene	0.577	0.528	8.5	67	0.00
41 P	Hexachlorocyclopentadiene	0.376	0.309	17.8	58	0.00
42 S	2,4,6-Tribromophenol	0.207	0.191	7.7	64	0.00
43 C	2,4,6-Trichlorophenol	0.400	0.347	13.3	63	0.00
44	2,4,5-Trichlorophenol	0.400	0.373	6.8	65	0.00
45 S	2-Fluorobiphenyl	1.462	1.298	11.2	67	0.00
46	1,1'-Biphenyl	1.560	1.389	11.0	65	0.00
47	2-Chloronaphthalene	1.155	1.031	10.7	66	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080125\
 Data File : BF143274.D
 Acq On : 01 Aug 2025 10:39
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Aug 01 11:46:47 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	0.353	2.5	66	0.00
49	Acenaphthylene	1.935	1.703	12.0	64	0.00
50	Dimethylphthalate	1.304	1.184	9.2	65	0.00
51	2,6-Dinitrotoluene	0.265	0.258	2.6	65	0.00
52 C	Acenaphthene	1.144	1.033	9.7	66	0.00
53	3-Nitroaniline	0.310	0.285	8.1	63	0.00
54 P	2,4-Dinitrophenol	0.098	0.109	-11.2	73	0.00
55	Dibenzofuran	1.698	1.492	12.1	64	0.00
56 P	4-Nitrophenol	0.232	0.194	16.4	55	0.01
57	2,4-Dinitrotoluene	0.333	0.332	0.3	66	0.00
58	Fluorene	1.274	1.135	10.9	66	0.00
59	2,3,4,6-Tetrachlorophenol	0.331	0.300	9.4	63	0.00
60	Diethylphthalate	1.289	1.154	10.5	64	0.00
61	4-Chlorophenyl-phenylether	0.635	0.574	9.6	66	0.00
62	4-Nitroaniline	0.266	0.252	5.3	63	0.00
63	Azobenzene	1.343	1.149	14.4	61	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	70	0.00
65	4,6-Dinitro-2-methylphenol	0.094	0.098	-4.3	70	0.00
66 c	n-Nitrosodiphenylamine	0.704	0.617	12.4	64	0.00
67	4-Bromophenyl-phenylether	0.238	0.211	11.3	64	0.00
68	Hexachlorobenzene	0.249	0.225	9.6	65	0.00
69	Atrazine	0.194	0.183	5.7	65	0.00
70 C	Pentachlorophenol	0.147	0.193	-31.3#	91	0.00
71	Phenanthrene	1.062	0.937	11.8	64	0.00
72	Anthracene	1.083	0.957	11.6	64	0.00
73	Carbazole	0.946	0.842	11.0	63	0.00
74	Di-n-butylphthalate	1.070	0.998	6.7	65	0.00
75 C	Fluoranthene	0.975	0.888	8.9	65	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	74	0.00
77	Benzydine	0.771	0.703	8.8	54	0.00
78	Pyrene	1.707	1.513	11.4	65	0.00
79 S	Terphenyl-d14	1.344	1.186	11.8	67	0.00
80	Butylbenzylphthalate	0.523	0.555	-6.1	75	0.00
81	Benzo(a)anthracene	1.339	1.255	6.3	72	0.00
82	3,3'-Dichlorobenzidine	0.446	0.424	4.9	73	0.00
83	Chrysene	1.204	1.060	12.0	65	0.00
84	Bis(2-ethylhexyl)phthalate	0.791	0.753	4.8	70	0.00
85 c	Di-n-octyl phthalate	1.434	1.295	9.7	69	0.00
86 I	Perylene-d12	1.000	1.000	0.0	77	0.01
87	Indeno(1,2,3-cd)pyrene	1.410	1.293	8.3	70	0.02
88	Benzo(b)fluoranthene	1.222	1.061	13.2	71	0.01
89	Benzo(k)fluoranthene	1.090	0.975	10.6	66	0.01
90 C	Benzo(a)pyrene	1.126	0.999	11.3	69	0.00
91	Dibenzo(a,h)anthracene	1.148	1.043	9.1	70	0.02
92	Benzo(g,h,i)perylene	1.110	1.033	6.9	72	0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080125\
Data File : BF143274.D
Acq On : 01 Aug 2025 10:39
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Aug 01 11:46:47 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 = 1

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080125\
 Data File : BF143274.D
 Acq On : 01 Aug 2025 10:39
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Aug 01 11:46:47 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	72	0.00
2	1,4-Dioxane	40.000	32.725	18.2	59	-0.02
3	Pyridine	40.000	32.186	19.5	59	-0.01
4	n-Nitrosodimethylamine	40.000	34.127	14.7	61	-0.02
5 S	2-Fluorophenol	80.000	67.393	15.8	62	0.00
6	Aniline	40.000	33.386	16.5	60	0.00
7 S	Phenol-d6	80.000	67.919	15.1	62	0.00
8	2-Chlorophenol	40.000	34.710	13.2	63	0.00
9	Benzaldehyde	40.000	34.317	14.2	51	0.00
10 C	Phenol	40.000	35.375	11.6	64	0.00
11	bis(2-Chloroethyl)ether	40.000	33.511	16.2	61	0.00
12	1,3-Dichlorobenzene	40.000	35.275	11.8	65	0.00
13 C	1,4-Dichlorobenzene	40.000	35.152	12.1	64	0.00
14	1,2-Dichlorobenzene	40.000	35.657	10.9	66	0.00
15	Benzyl Alcohol	40.000	35.389	11.5	63	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	33.073	17.3	60	0.00
17	2-Methylphenol	40.000	34.559	13.6	63	0.00
18	Hexachloroethane	40.000	36.424	8.9	66	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	33.706	15.7	63	0.00
20	3+4-Methylphenols	40.000	35.187	12.0	64	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	71	0.00
22	Acetophenone	40.000	34.292	14.3	63	0.00
23 S	Nitrobenzene-d5	80.000	73.554	8.1	66	0.00
24	Nitrobenzene	40.000	36.232	9.4	64	0.00
25	Isophorone	40.000	34.557	13.6	63	0.00
26 C	2-Nitrophenol	40.000	39.887	0.3	67	0.00
27	2,4-Dimethylphenol	40.000	34.030	14.9	61	0.00
28	bis(2-Chloroethoxy)methane	40.000	34.422	13.9	63	0.00
29 C	2,4-Dichlorophenol	40.000	35.901	10.2	64	0.00
30	1,2,4-Trichlorobenzene	40.000	36.409	9.0	66	0.00
31	Naphthalene	40.000	35.437	11.4	65	0.00
32	Benzoic acid	40.000	34.630	13.4	61	0.00
33	4-Chloroaniline	40.000	34.969	12.6	64	0.00
34 C	Hexachlorobutadiene	40.000	37.286	6.8	67	0.00
35	Caprolactam	40.000	36.792	8.0	63	0.00
36 C	4-Chloro-3-methylphenol	40.000	36.103	9.7	65	0.00
37	2-Methylnaphthalene	40.000	35.563	11.1	65	0.00
38	1-Methylnaphthalene	40.000	35.702	10.7	65	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	70	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	36.596	8.5	67	0.00
41 P	Hexachlorocyclopentadiene	40.000	32.948	17.6	58	0.00
42 S	2,4,6-Tribromophenol	80.000	73.963	7.5	64	0.00
43 C	2,4,6-Trichlorophenol	40.000	34.686	13.3	63	0.00
44	2,4,5-Trichlorophenol	40.000	37.303	6.7	65	0.00
45 S	2-Fluorobiphenyl	80.000	71.028	11.2	67	0.00
46	1,1'-Biphenyl	40.000	35.617	11.0	65	0.00
47	2-Chloronaphthalene	40.000	35.734	10.7	66	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080125\
 Data File : BF143274.D
 Acq On : 01 Aug 2025 10:39
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Aug 01 11:46:47 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	38.982	2.5	66	0.00
49	Acenaphthylene	40.000	35.213	12.0	64	0.00
50	Dimethylphthalate	40.000	36.342	9.1	65	0.00
51	2,6-Dinitrotoluene	40.000	38.945	2.6	65	0.00
52 C	Acenaphthene	40.000	36.142	9.6	66	0.00
53	3-Nitroaniline	40.000	36.693	8.3	63	0.00
54 P	2,4-Dinitrophenol	40.000	39.961	0.1	73	0.00
55	Dibenzofuran	40.000	35.147	12.1	64	0.00
56 P	4-Nitrophenol	40.000	33.529	16.2	55	0.01
57	2,4-Dinitrotoluene	40.000	39.907	0.2	66	0.00
58	Fluorene	40.000	35.625	10.9	66	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	36.205	9.5	63	0.00
60	Diethylphthalate	40.000	35.831	10.4	64	0.00
61	4-Chlorophenyl-phenylether	40.000	36.207	9.5	66	0.00
62	4-Nitroaniline	40.000	37.980	5.1	63	0.00
63	Azobenzene	40.000	34.221	14.4	61	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	70	0.00
65	4,6-Dinitro-2-methylphenol	40.000	38.713	3.2	70	0.00
66 c	n-Nitrosodiphenylamine	40.000	35.039	12.4	64	0.00
67	4-Bromophenyl-phenylether	40.000	35.460	11.3	64	0.00
68	Hexachlorobenzene	40.000	36.068	9.8	65	0.00
69	Atrazine	40.000	37.754	5.6	65	0.00
70 C	Pentachlorophenol	40.000	52.772	-31.9#	91	0.00
71	Phenanthrene	40.000	35.296	11.8	64	0.00
72	Anthracene	40.000	35.326	11.7	64	0.00
73	Carbazole	40.000	35.603	11.0	63	0.00
74	Di-n-butylphthalate	40.000	37.312	6.7	65	0.00
75 C	Fluoranthene	40.000	36.431	8.9	65	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	74	0.00
77	Benzydine	40.000	36.483	8.8	54	0.00
78	Pyrene	40.000	35.449	11.4	65	0.00
79 S	Terphenyl-d14	80.000	70.608	11.7	67	0.00
80	Butylbenzylphthalate	40.000	42.507	-6.3	75	0.00
81	Benzo(a)anthracene	40.000	37.496	6.3	72	0.00
82	3,3'-Dichlorobenzidine	40.000	38.007	5.0	73	0.00
83	Chrysene	40.000	35.219	12.0	65	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	38.092	4.8	70	0.00
85 c	Di-n-octyl phthalate	40.000	36.132	9.7	69	0.00
86 I	Perylene-d12	20.000	20.000	0.0	77	0.01
87	Indeno(1,2,3-cd)pyrene	40.000	36.678	8.3	70	0.02
88	Benzo(b)fluoranthene	40.000	34.750	13.1	71	0.01
89	Benzo(k)fluoranthene	40.000	35.781	10.5	66	0.01
90 C	Benzo(a)pyrene	40.000	35.501	11.2	69	0.00
91	Dibenzo(a,h)anthracene	40.000	36.331	9.2	70	0.02
92	Benzo(g,h,i)perylene	40.000	37.213	7.0	72	0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080125\
Data File : BF143274.D
Acq On : 01 Aug 2025 10:39
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Aug 01 11:46:47 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 = 1



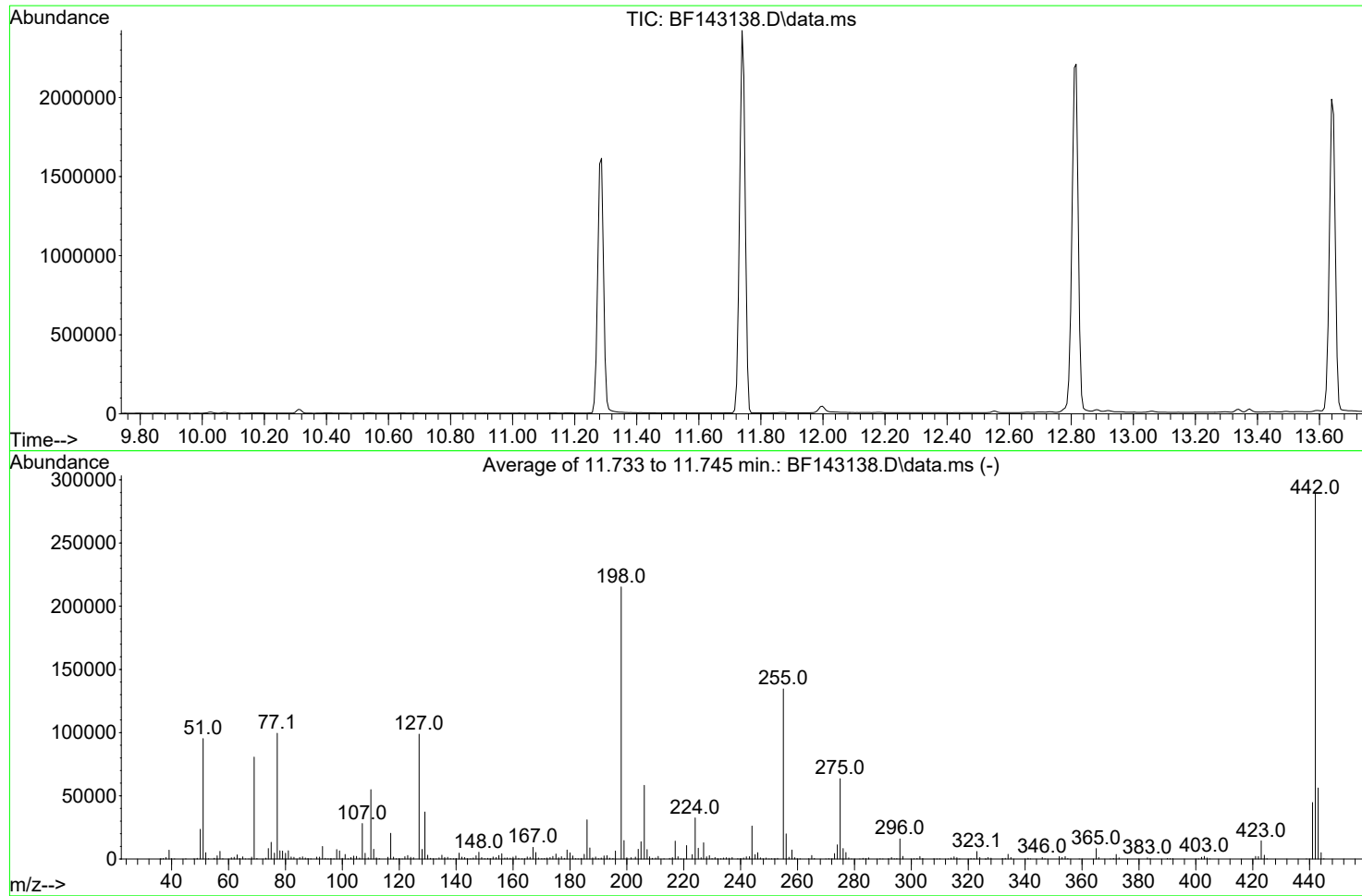
QC SAMPLE DATA

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

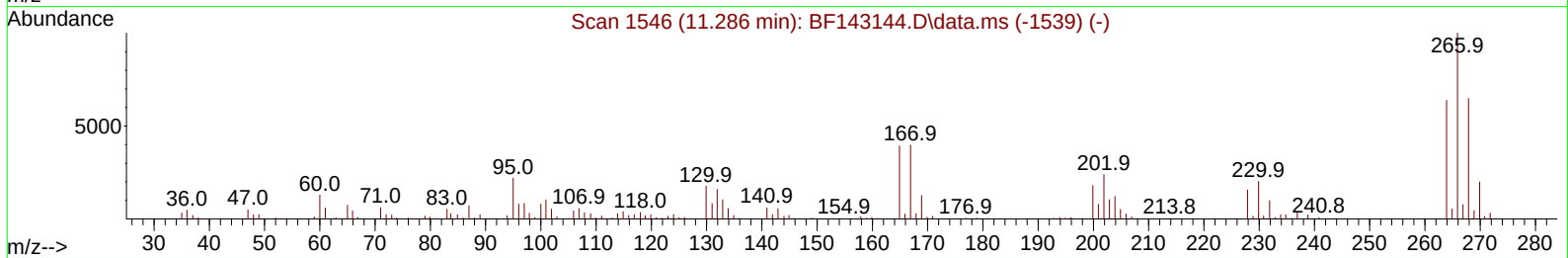
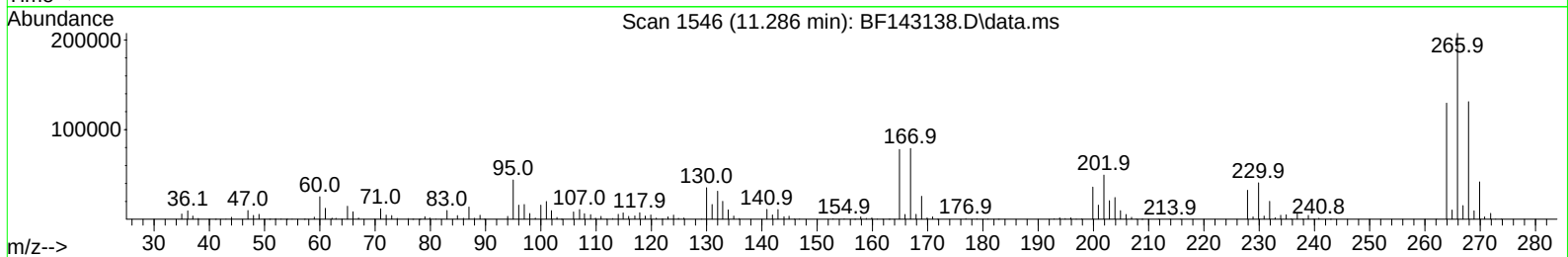
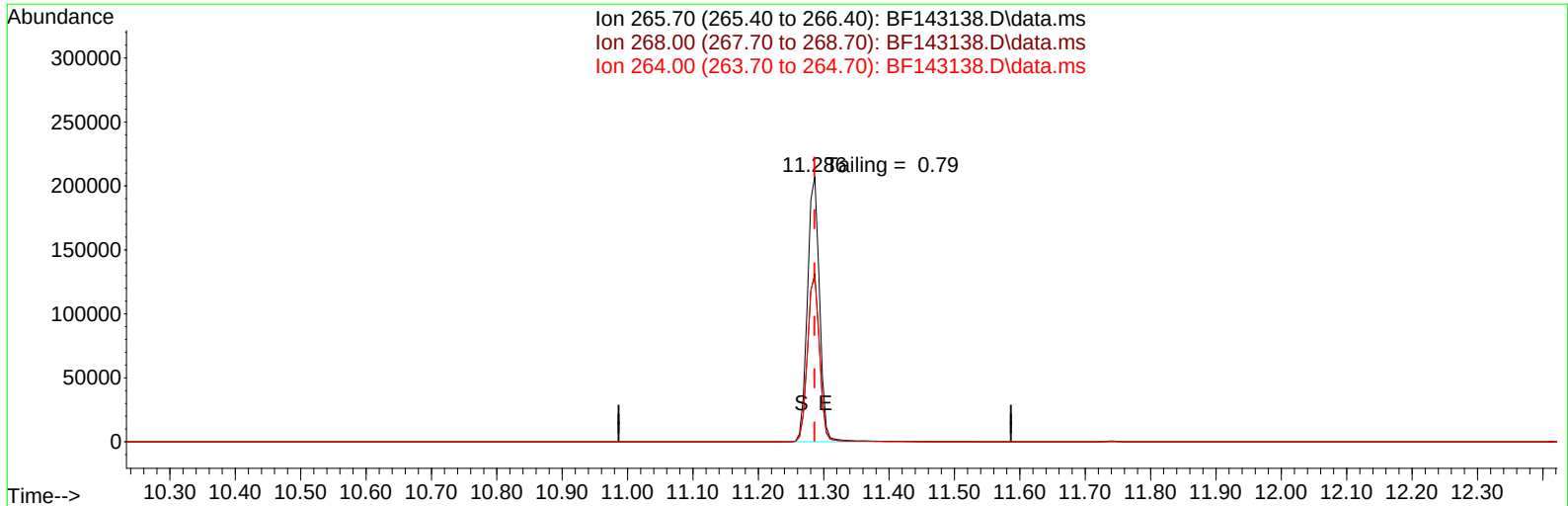
Date	Instrument Name	DFTPP Data File
7/17/2025	BNA_F	<u>BF143138.D</u>
Compound Name	Response	Retention Time
DDT	490244	13.639
DDD	9488	13.339
DDE	328	13.004
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
9816	500060	1.96

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

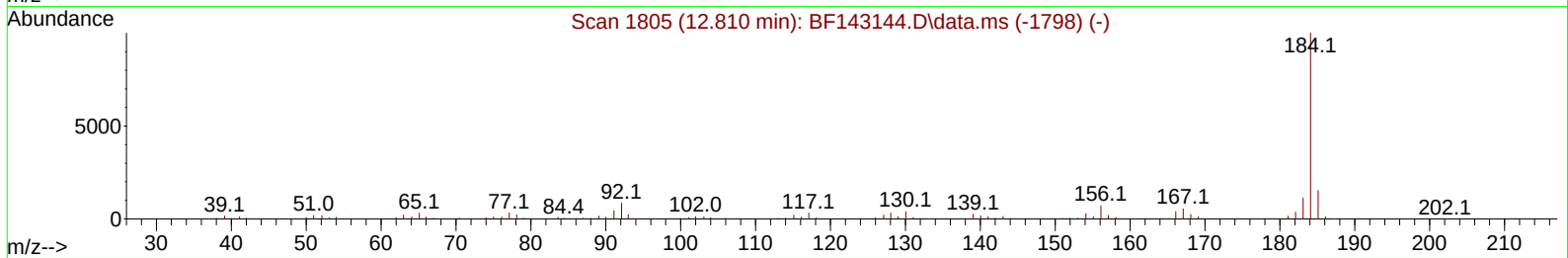
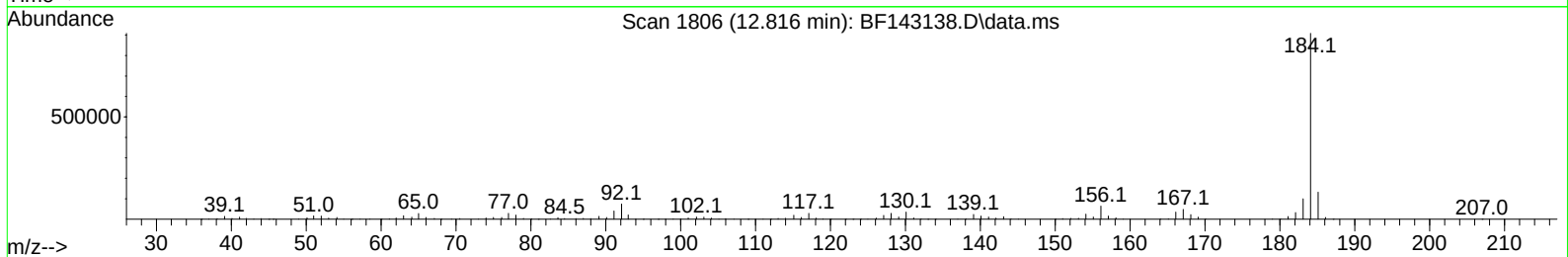
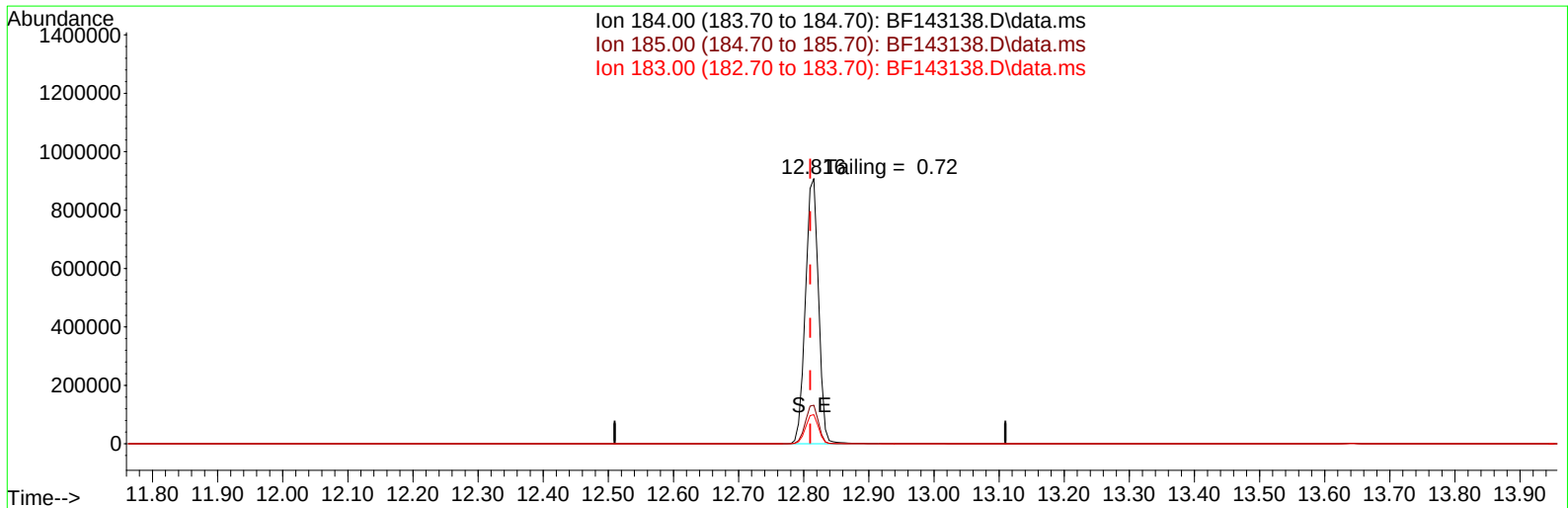
response 268044

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

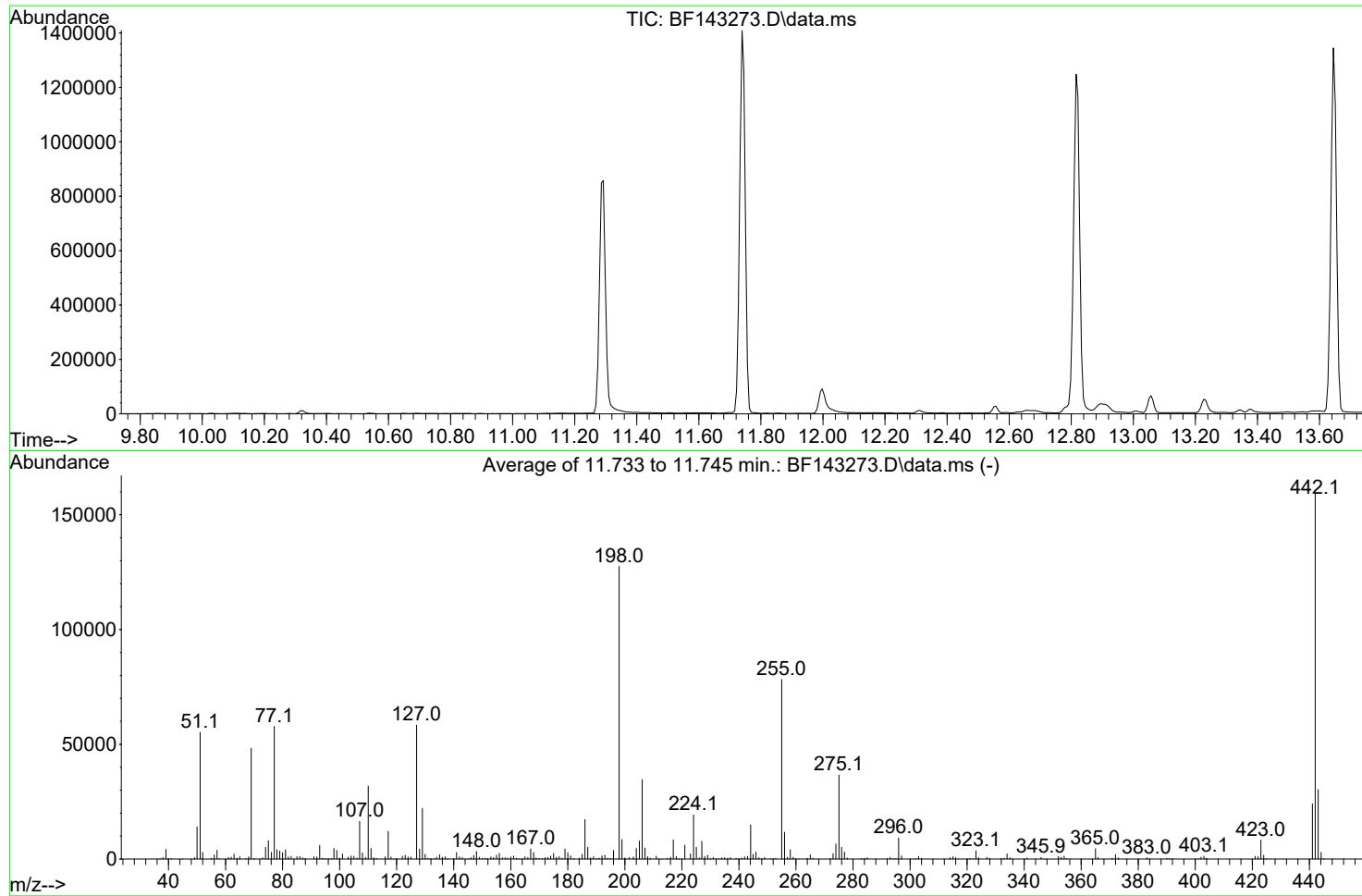
Ion	Exp%	Act%
184.00	100.00	100.00
185.00	15.30	14.57
183.00	11.20	10.98
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080125\
Data File : BF143273.D
Acq On : 01 Aug 2025 10:11
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	2.0	959	PASS
69	69	100	100	100.0	48280	PASS
70	69	0.00	2	0.6	289	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	127555	PASS
199	198	5	9	6.7	8538	PASS
365	198	1	100	3.6	4535	PASS
441	443	0.01	150	79.2	24026	PASS
442	442	100	100	100.0	159096	PASS
443	442	15	24	19.1	30336	PASS

DDT Breakdown

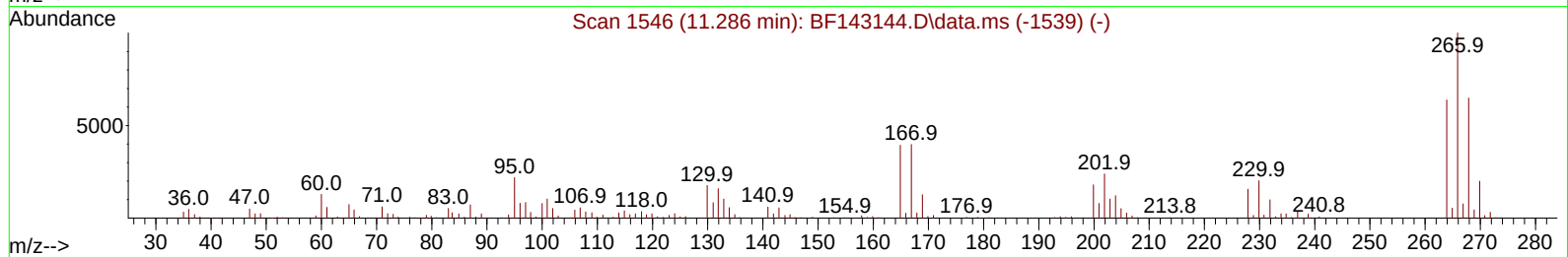
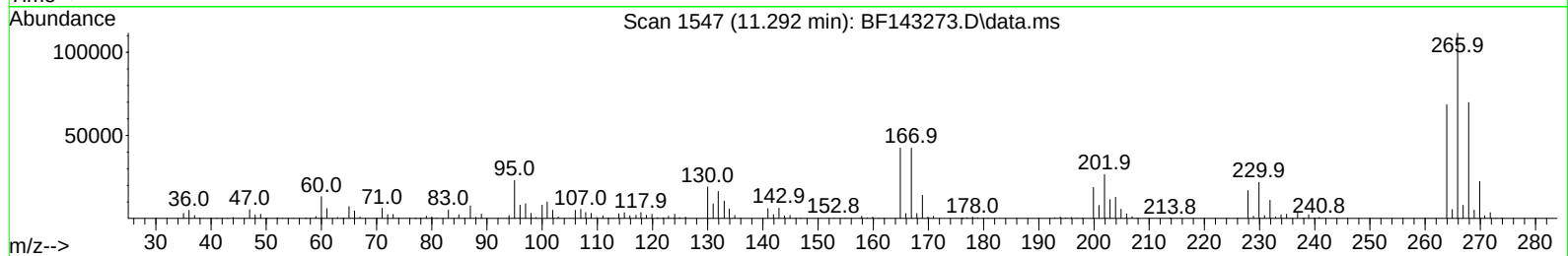
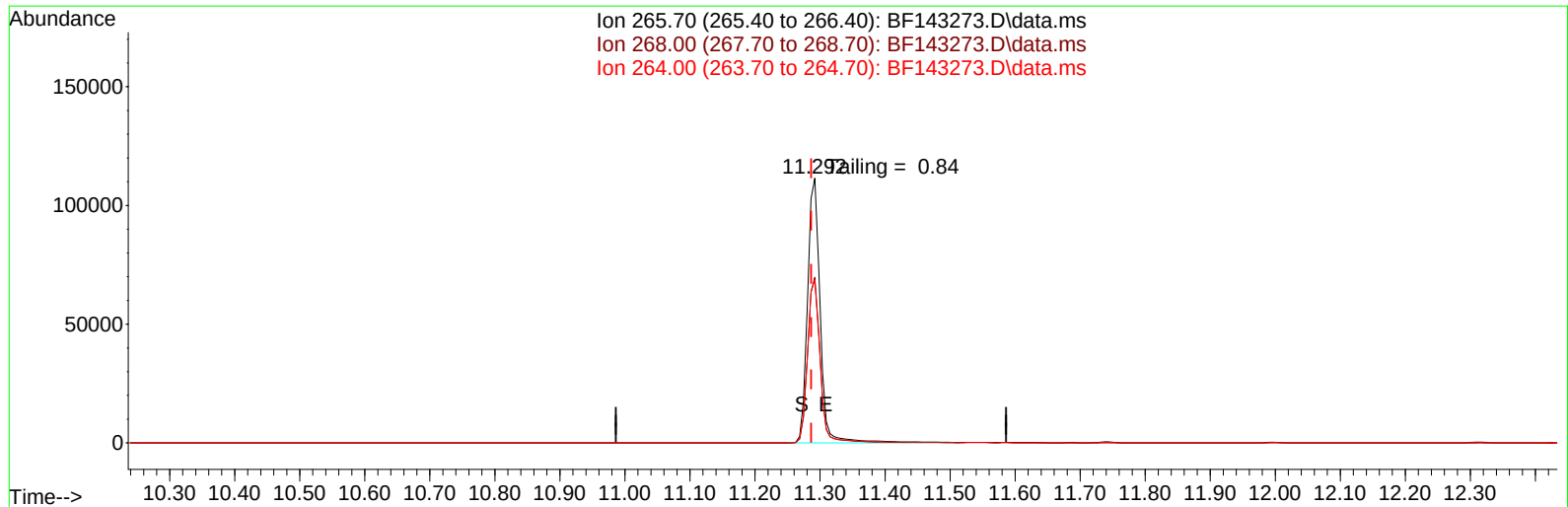
Date	Instrument Name	DFTPP Data File
8/1/2025	BNA_F	<u>BF143273.D</u>
Compound Name	Response	Retention Time
DDT	329297	13.645
DDD	6311	13.345
DDE	2628	13.01
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
8939	338236	2.64

Instrument :
BNA_F
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080125\
Data File : BF143273.D
Acq On : 01 Aug 2025 10:11
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Aug 01 11:46:27 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: BF143273.D\data.ms

(70) Pentachlorophenol (C)

11.292min (+ 0.006) 167924.22 ng

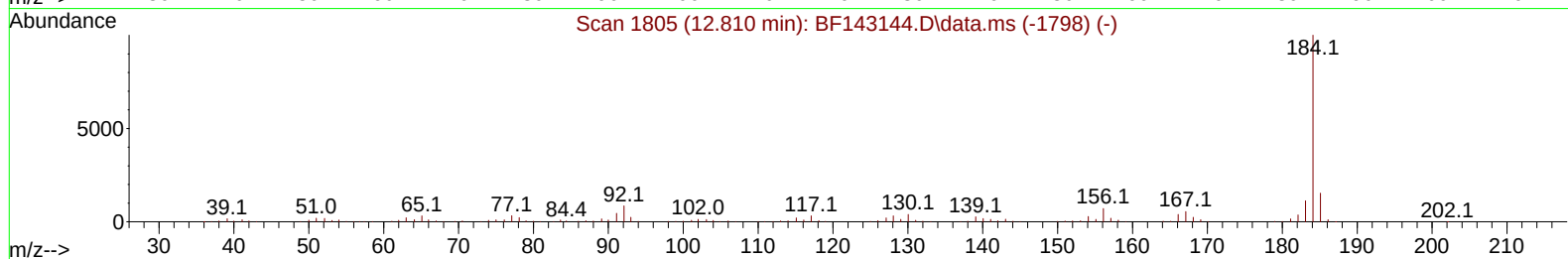
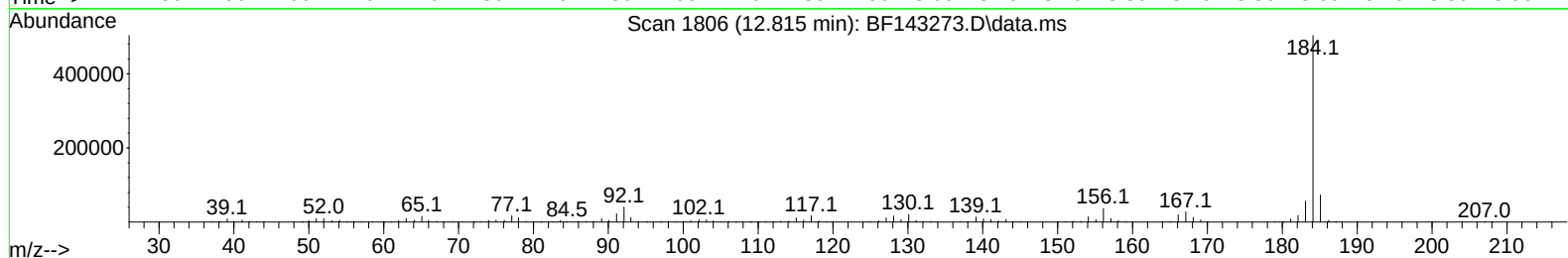
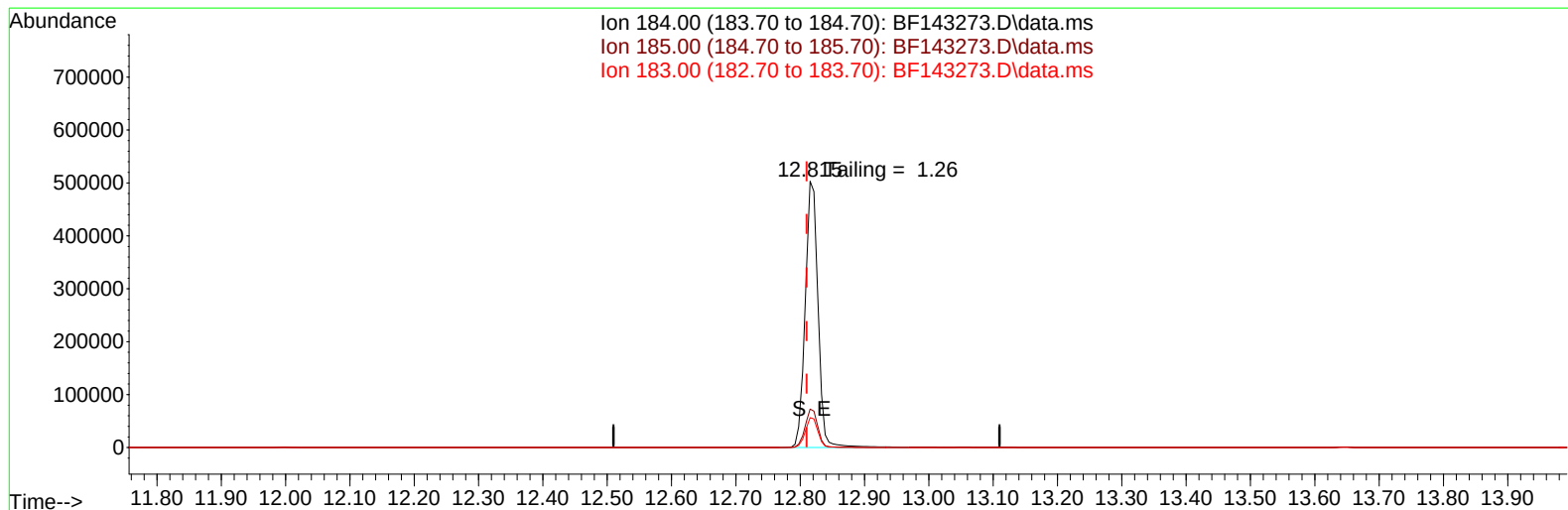
response 151300

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	64.90	62.57
264.00	63.80	61.53
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080125\
Data File : BF143273.D
Acq On : 01 Aug 2025 10:11
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Aug 01 11:46:27 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: BF143273.D\data.ms

(77) Benzidine

12.815min (+ 0.005) 3314.55 ng

response 699417

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	15.30	14.47
183.00	11.20	11.20
0.00	0.00	0.00

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	
Client Sample ID:	PB169087BL	SDG No.:	Q2733
Lab Sample ID:	PB169087BL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group4
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
BF143283.D	1	08/01/25 08:48	08/01/25 15:34	PB169087

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
108-95-2	Phenol	0.91	U	0.91	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.53	U	0.53	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.54	U	0.54	5.00	ug/L
91-20-3	Naphthalene	0.50	U	0.50	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	110		15 (23) - 110 (138)	73%	SPK: 150
13127-88-3	Phenol-d6	124		15 (10) - 110 (134)	83%	SPK: 150
4165-60-0	Nitrobenzene-d5	79.7		30 (67) - 130 (132)	80%	SPK: 100
321-60-8	2-Fluorobiphenyl	76.5		30 (52) - 130 (132)	76%	SPK: 100
118-79-6	2,4,6-Tribromophenol	131		15 (44) - 110 (137)	87%	SPK: 150
1718-51-0	Terphenyl-d14	84.3		30 (42) - 130 (152)	84%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	122000	6.957			
1146-65-2	Naphthalene-d8	445000	8.239			
15067-26-2	Acenaphthene-d10	236000	9.992			
1517-22-2	Phenanthrene-d10	350000	11.48			
1719-03-5	Chrysene-d12	198000	14.121			
1520-96-3	Perylene-d12	206000	15.627			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080125\
Data File : BF143283.D
Acq On : 01 Aug 2025 15:34
Operator : RC/JU
Sample : PB169087BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB169087BL

Quant Time: Aug 01 16:16:50 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	6.957	152	122064	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	445180	20.000	ng	0.00
39) Acenaphthene-d10	9.992	164	235574	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	350199	20.000	ng	0.00
76) Chrysene-d12	14.121	240	197500	20.000	ng	0.00
86) Perylene-d12	15.627	264	205940	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	846371	109.725	ng	0.01
7) Phenol-d6	6.587	99	1204079	124.018	ng	0.00
23) Nitrobenzene-d5	7.516	82	711468	79.663	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	318796	130.997	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1316963	76.456	ng	0.00
79) Terphenyl-d14	13.069	244	1118194	84.253	ng	0.00

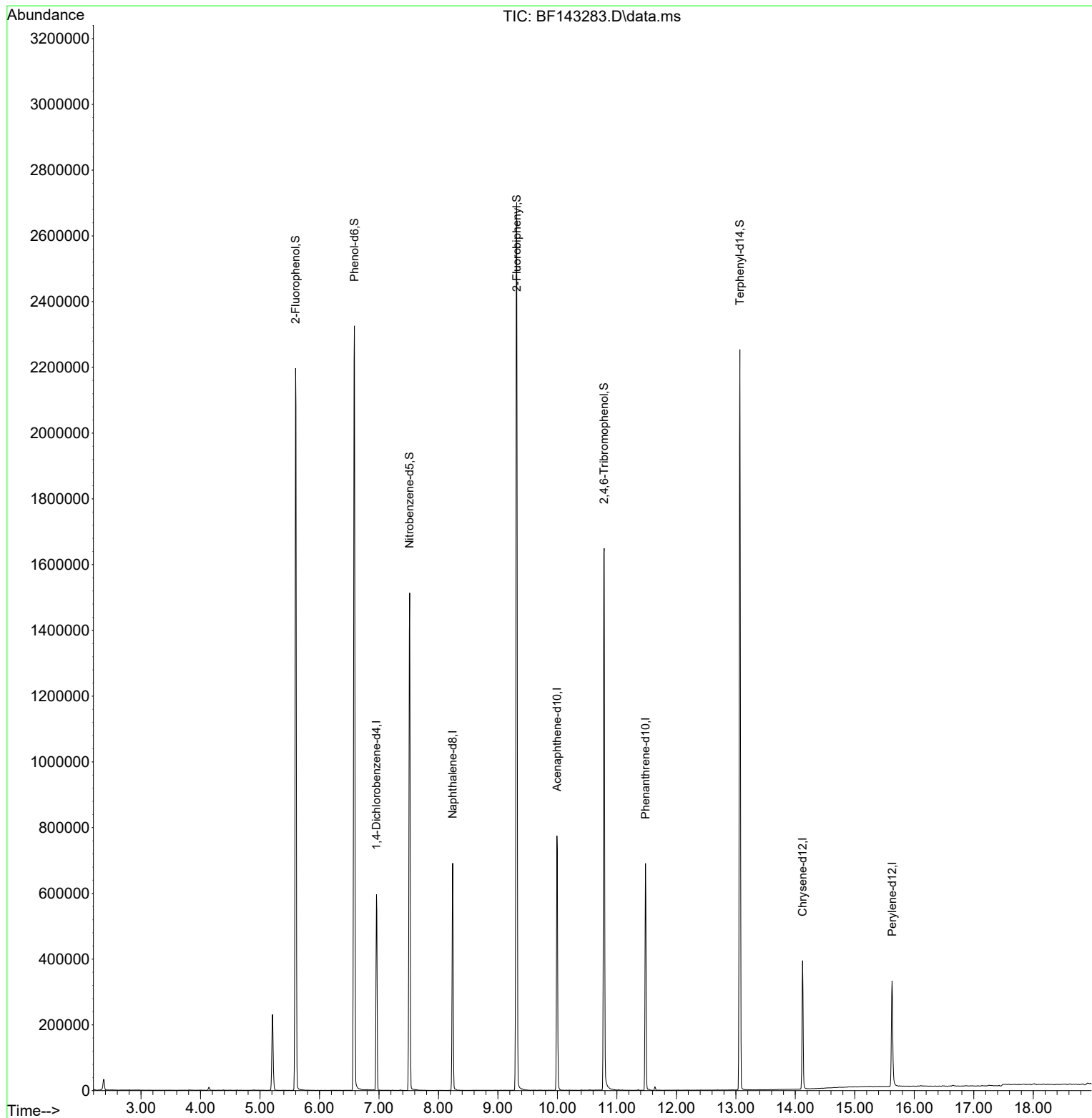
Target Compounds	Qvalue

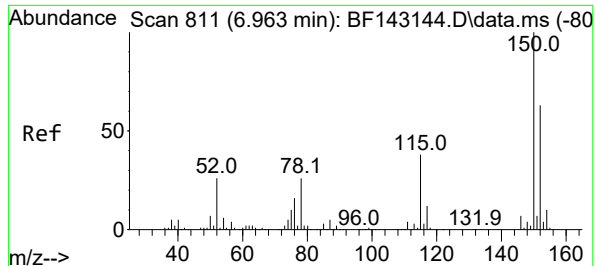
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080125\
Data File : BF143283.D
Acq On : 01 Aug 2025 15:34
Operator : RC/JU
Sample : PB169087BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB169087BL

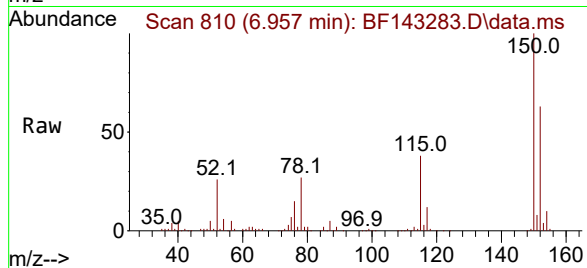
Quant Time: Aug 01 16:16:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration



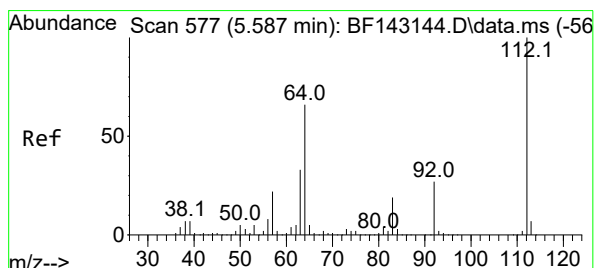
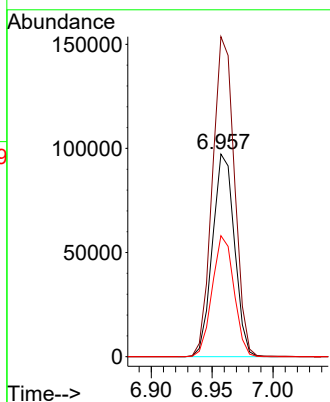
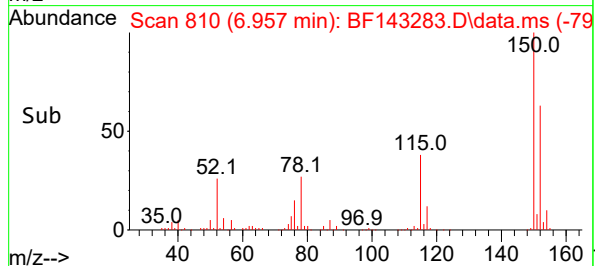


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF143283.D
Acq: 01 Aug 2025 15:34

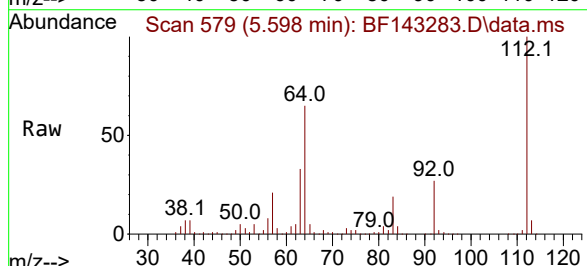
Instrument :
BNA_F
ClientSampleId :
PB169087BL



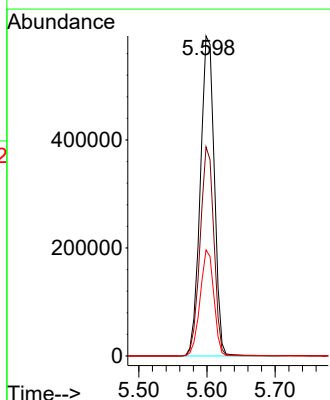
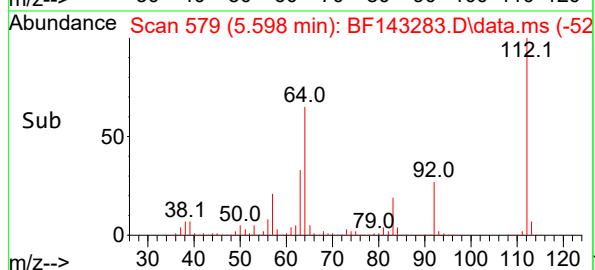
Tgt Ion:152 Resp: 122064
Ion Ratio Lower Upper
152 100
150 157.9 128.2 192.4
115 59.7 47.9 71.9

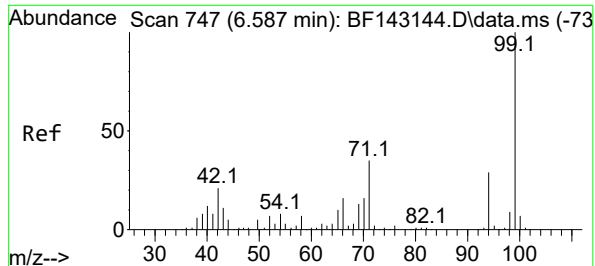


#5
2-Fluorophenol
Concen: 109.725 ng
RT: 5.598 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF143283.D
Acq: 01 Aug 2025 15:34



Tgt Ion:112 Resp: 846371
Ion Ratio Lower Upper
112 100
64 65.3 53.1 79.7
63 33.2 26.6 40.0

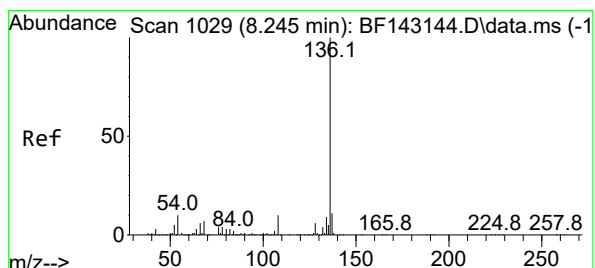
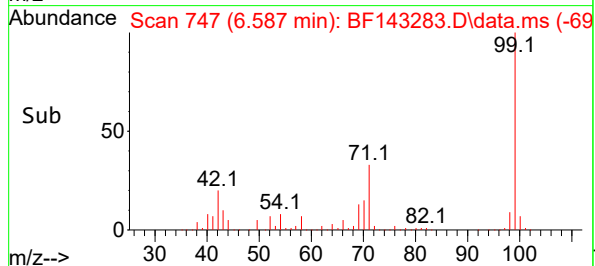
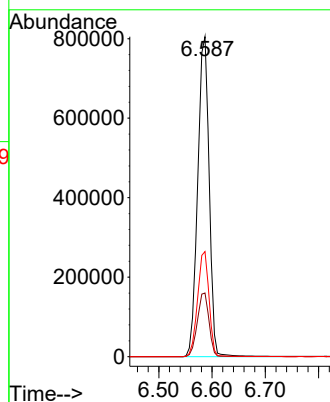
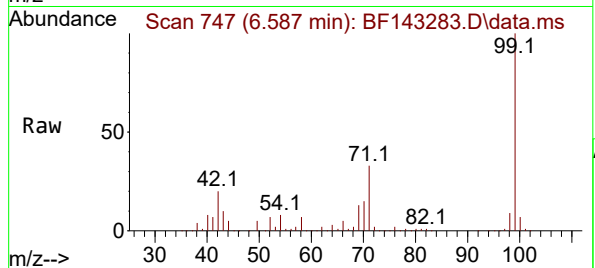




#7
Phenol-d6
Concen: 124.018 ng
RT: 6.587 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF143283.D
Acq: 01 Aug 2025 15:34

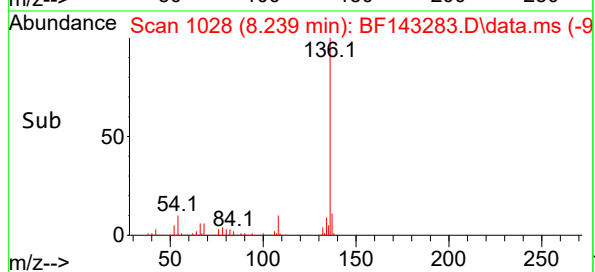
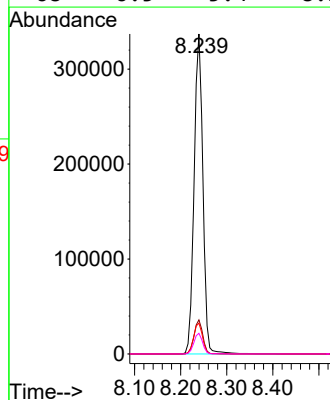
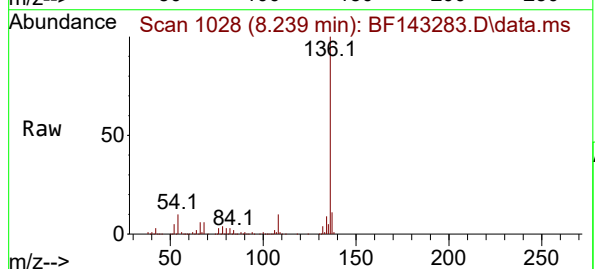
Instrument :
BNA_F
ClientSampleId :
PB169087BL

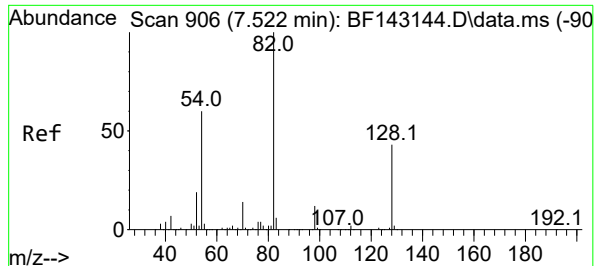
Tgt Ion: 99 Resp: 1204079
Ion Ratio Lower Upper
99 100
42 19.9 17.0 25.6
71 32.8 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF143283.D
Acq: 01 Aug 2025 15:34

Tgt Ion: 136 Resp: 445180
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 9.7 8.2 12.2
68 6.5 5.4 8.2





#23

Nitrobenzene-d5

Concen: 79.663 ng

RT: 7.516 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF143283.D

Acq: 01 Aug 2025 15:34

Instrument :

BNA_F

ClientSampleId :

PB169087BL

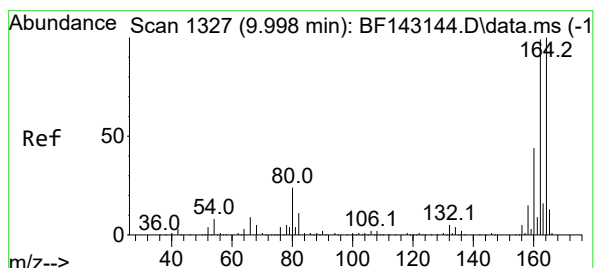
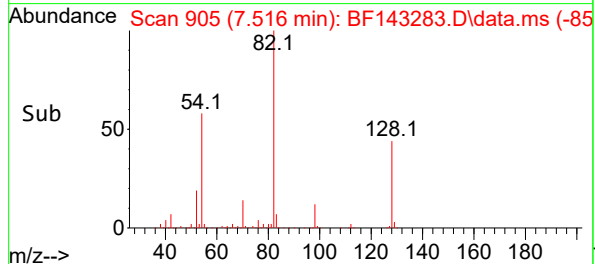
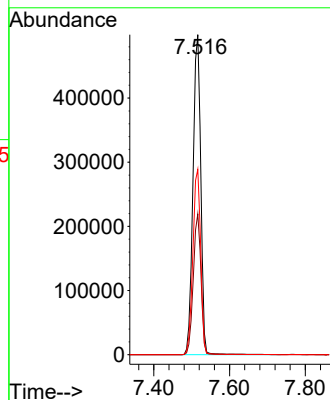
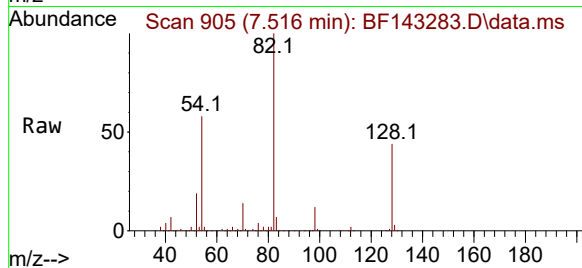
Tgt Ion: 82 Resp: 711468

Ion Ratio Lower Upper

82 100

128 44.0 33.6 50.4

54 57.9 47.1 70.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.992 min Scan# 1326

Delta R.T. -0.006 min

Lab File: BF143283.D

Acq: 01 Aug 2025 15:34

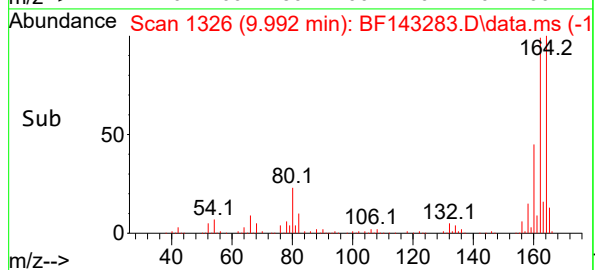
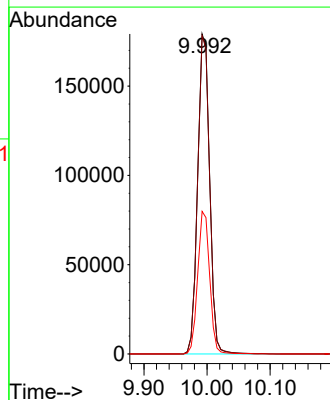
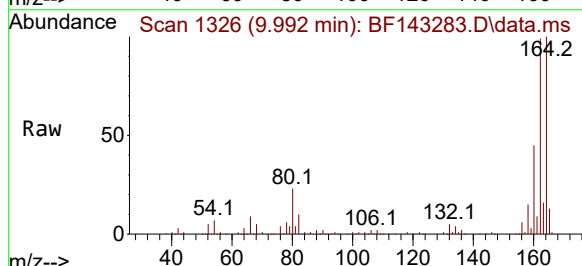
Tgt Ion: 164 Resp: 235574

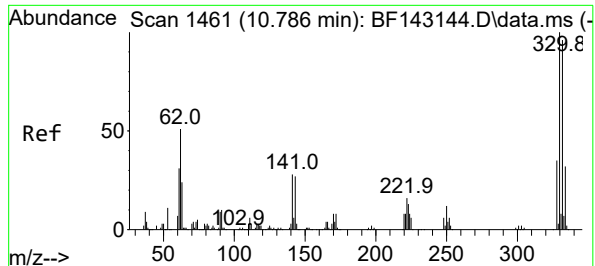
Ion Ratio Lower Upper

164 100

162 99.5 79.0 118.6

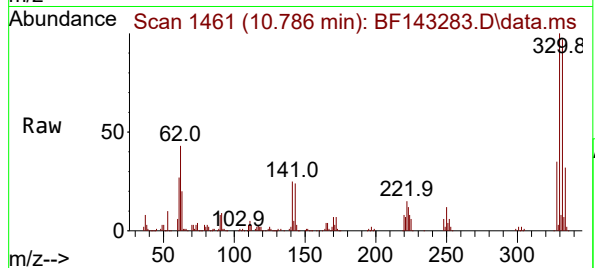
160 44.5 35.1 52.7



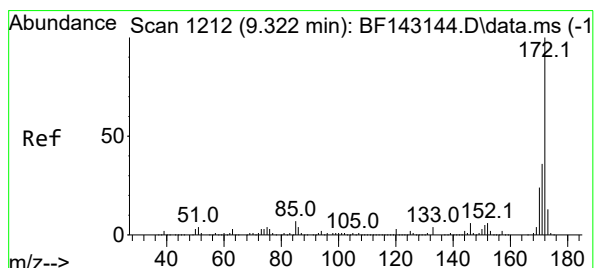
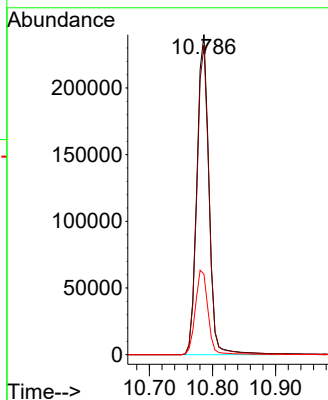
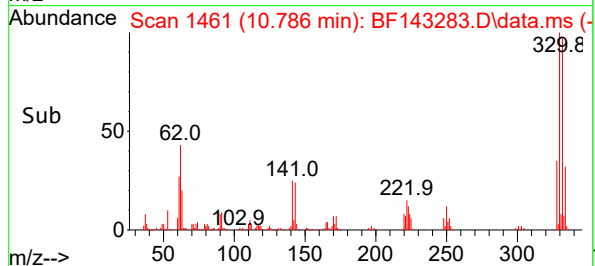


#42
2,4,6-Tribromophenol
Concen: 130.997 ng
RT: 10.786 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BF143283.D
Acq: 01 Aug 2025 15:34

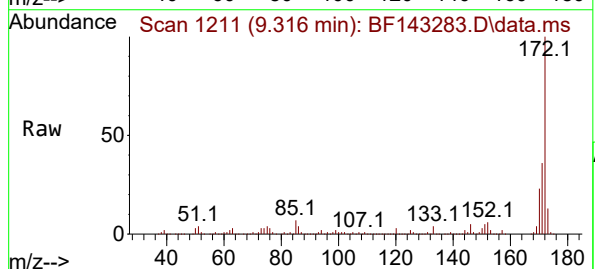
Instrument :
BNA_F
ClientSampleId :
PB169087BL



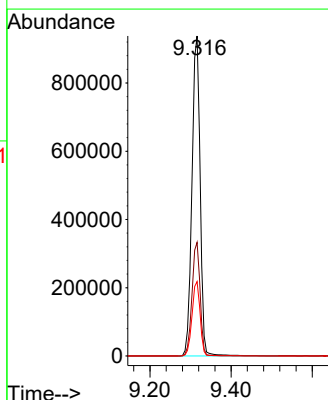
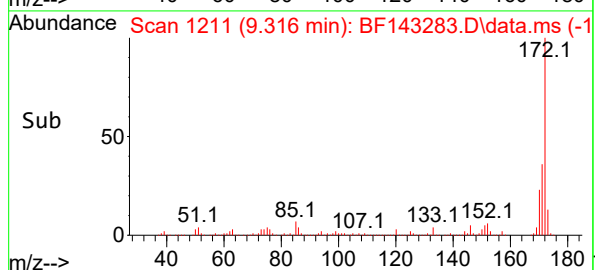
Tgt Ion:330 Resp: 318796
Ion Ratio Lower Upper
330 100
332 97.0 76.7 115.1
141 27.8 23.3 34.9

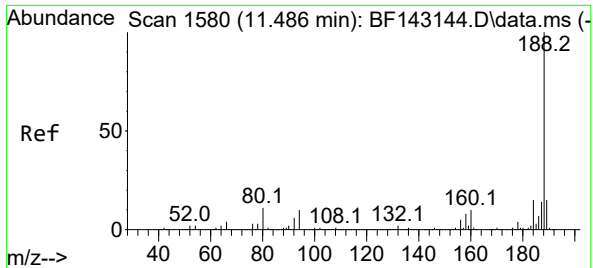


#45
2-Fluorobiphenyl
Concen: 76.456 ng
RT: 9.316 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF143283.D
Acq: 01 Aug 2025 15:34



Tgt Ion:172 Resp: 1316963
Ion Ratio Lower Upper
172 100
171 35.5 28.6 42.8
170 23.3 18.8 28.2

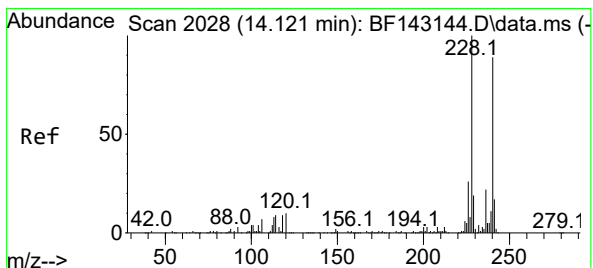
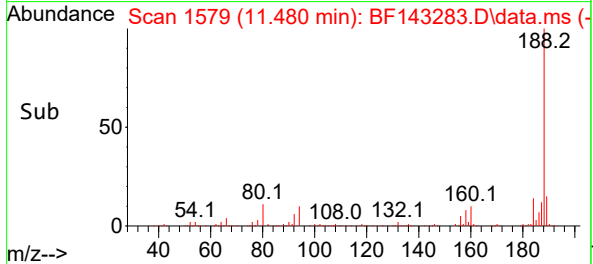
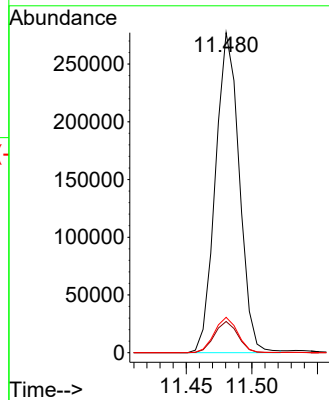
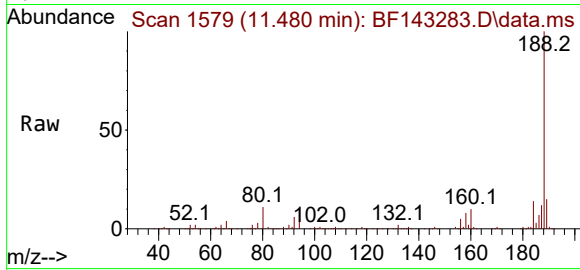




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143283.D
Acq: 01 Aug 2025 15:34

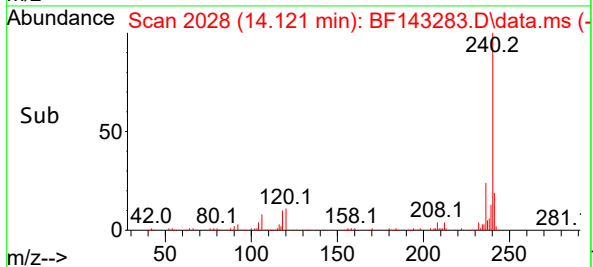
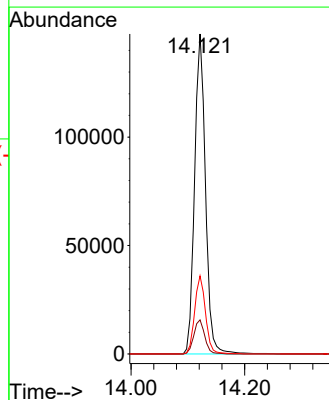
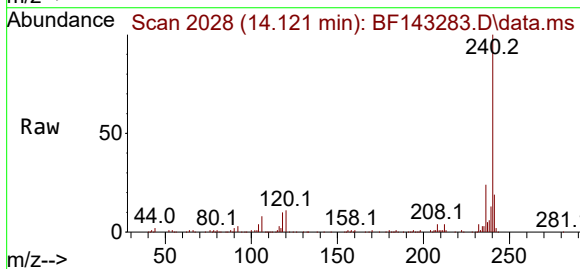
Instrument :
BNA_F
ClientSampleId :
PB169087BL

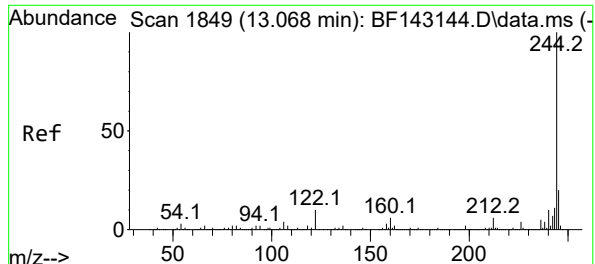
Tgt Ion:188 Resp: 350199
Ion Ratio Lower Upper
188 100
94 9.7 8.3 12.5
80 11.0 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF143283.D
Acq: 01 Aug 2025 15:34

Tgt Ion:240 Resp: 197500
Ion Ratio Lower Upper
240 100
120 10.6 9.4 14.2
236 24.4 20.2 30.4





#79

Terphenyl-d14

Concen: 84.253 ng

RT: 13.069 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF143283.D

Acq: 01 Aug 2025 15:34

Instrument :

BNA_F

ClientSampleId :

PB169087BL

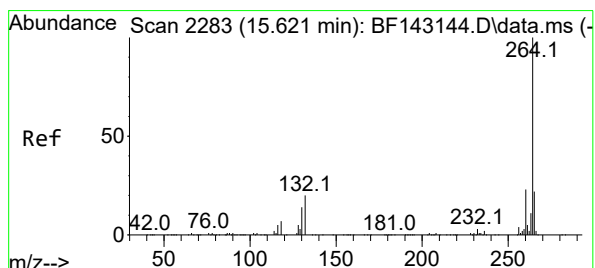
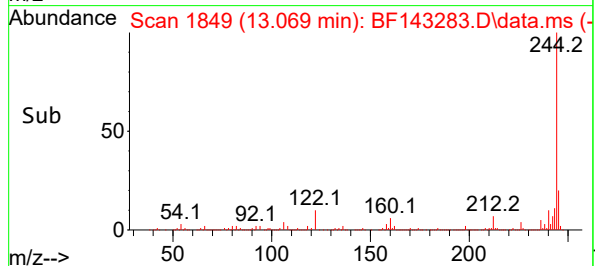
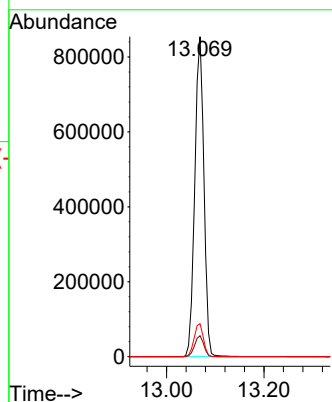
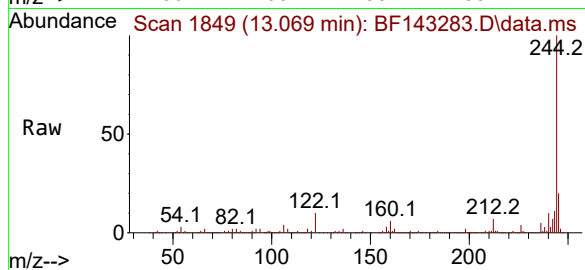
Tgt Ion:244 Resp: 1118194

Ion Ratio Lower Upper

244 100

212 6.6 5.2 7.8

122 10.3 8.2 12.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.627 min Scan# 2284

Delta R.T. 0.006 min

Lab File: BF143283.D

Acq: 01 Aug 2025 15:34

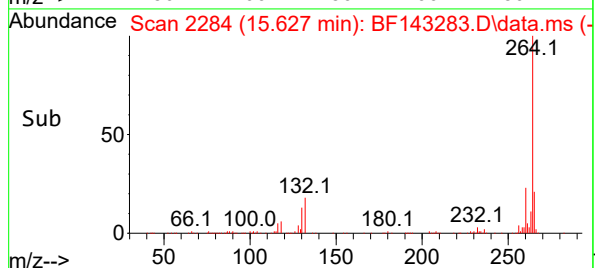
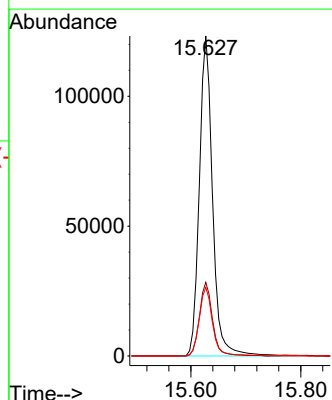
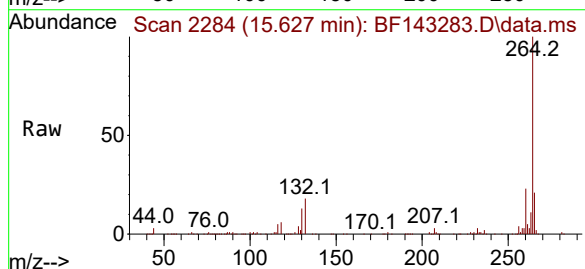
Tgt Ion:264 Resp: 205940

Ion Ratio Lower Upper

264 100

260 23.0 18.5 27.7

265 21.4 17.4 26.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080125\
Data File : BF143283.D
Acq On : 01 Aug 2025 15:34
Operator : RC/JU
Sample : PB169087BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB169087BL

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

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

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143283.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.369	20	30	36	rVB	32018	56371	1.50%	0.248%
2	5.210	506	513	527	rBV	230909	369522	9.84%	1.627%
3	5.598	573	579	585	rBV	2196200	3086481	82.20%	13.588%
4	6.587	740	747	752	rBV	2325563	3466294	92.31%	15.260%
5	6.957	805	810	816	rVB	595393	738671	19.67%	3.252%
6	7.516	898	905	910	rBV	1513518	2136358	56.90%	9.405%
7	8.239	1022	1028	1043	rBV	690974	908163	24.19%	3.998%
8	9.316	1204	1211	1216	rBV	2700155	3754885	100.00%	16.530%
9	9.992	1321	1326	1340	rVB	774222	1007645	26.84%	4.436%
10	10.786	1455	1461	1489	rBV	1647855	2325603	61.94%	10.238%
11	11.480	1574	1579	1586	rBV	690211	867600	23.11%	3.819%
12	13.069	1843	1849	1854	rBV	2251780	2944988	78.43%	12.965%
13	14.121	2023	2028	2038	rBV	390709	515855	13.74%	2.271%
14	15.627	2277	2284	2303	rBV	320813	536981	14.30%	2.364%

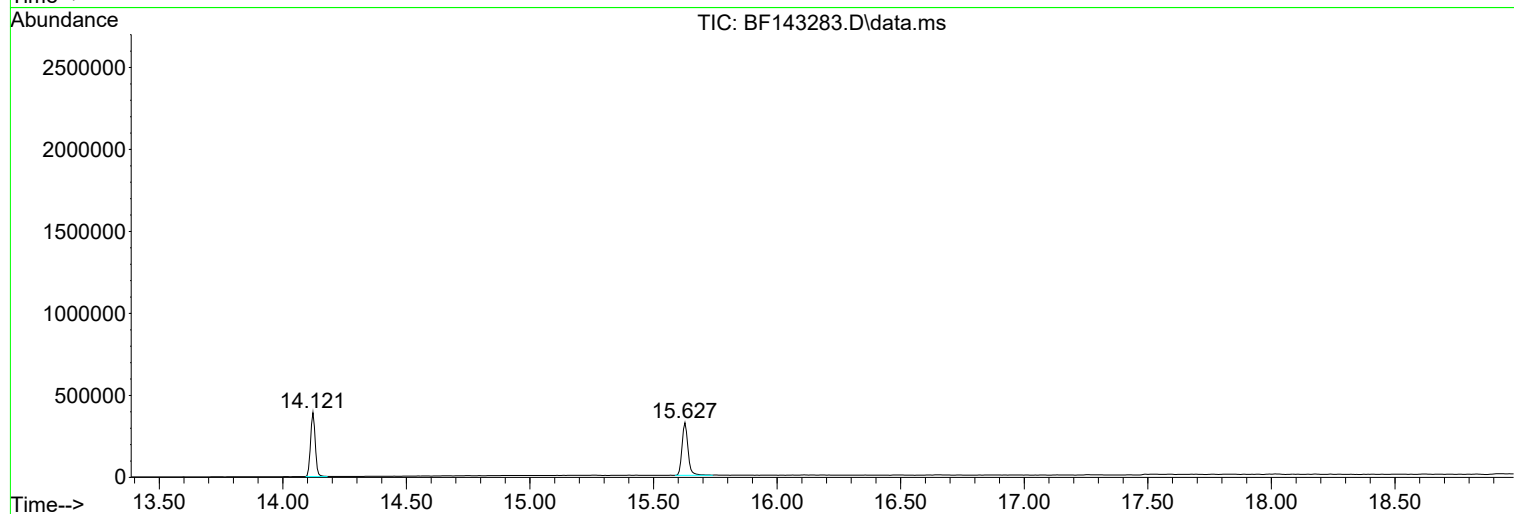
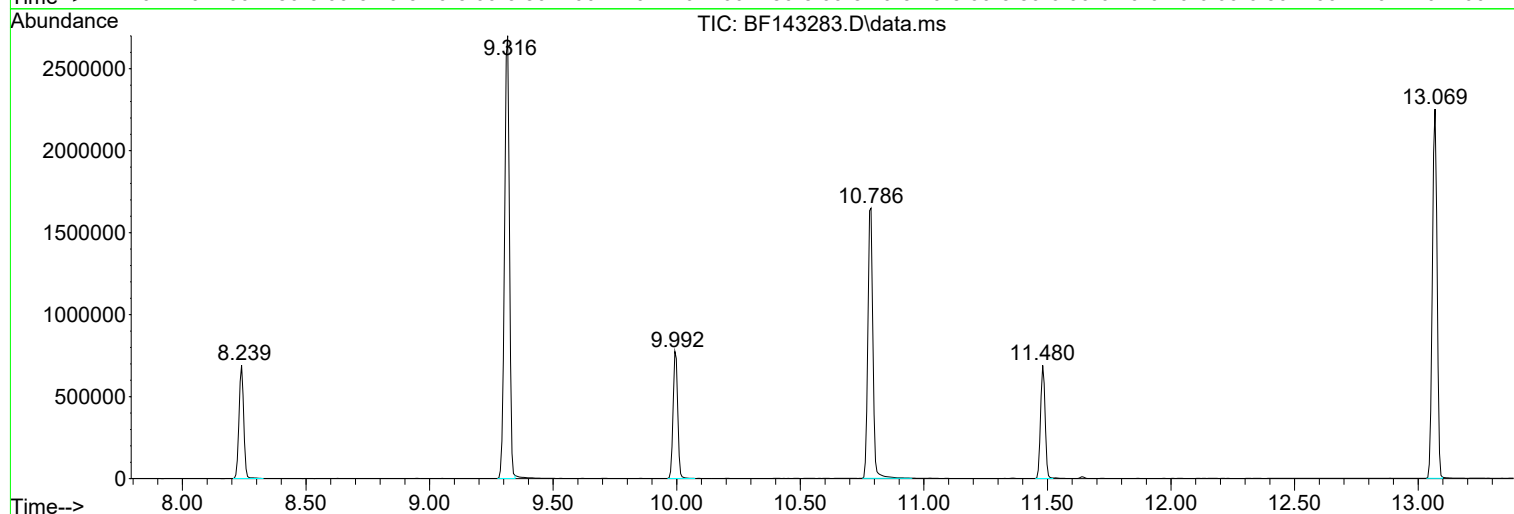
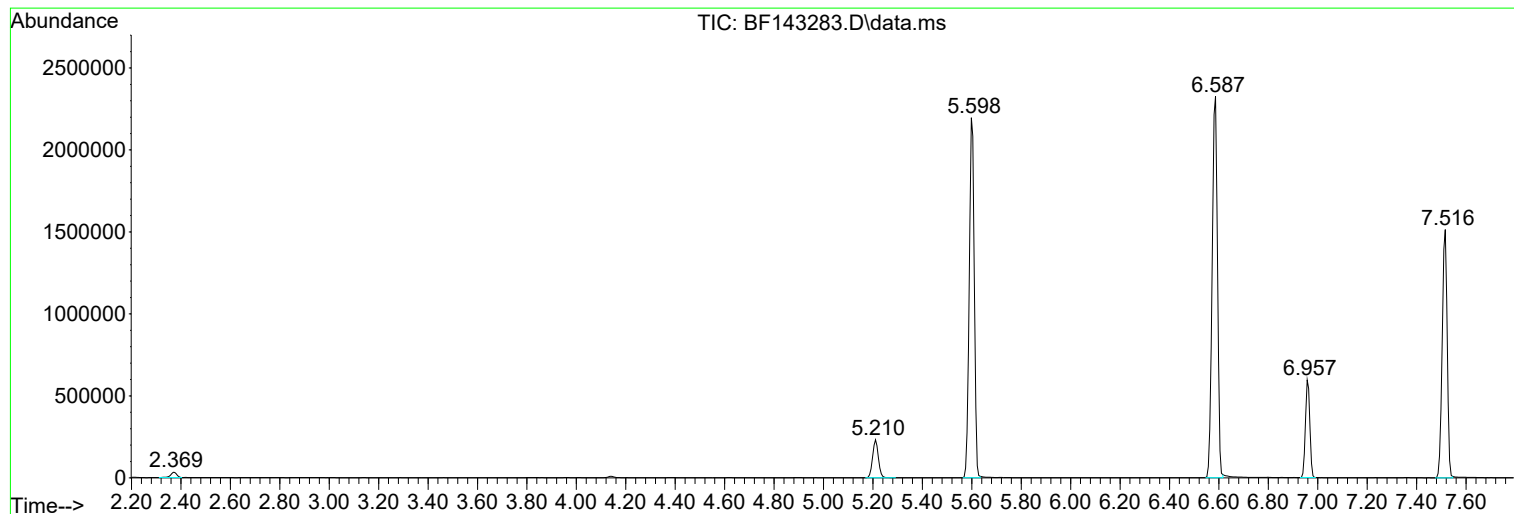
Sum of corrected areas: 22715417

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080125\
Data File : BF143283.D
Acq On : 01 Aug 2025 15:34
Operator : RC/JU
Sample : PB169087BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB169087BL

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

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080125\
Data File : BF143283.D
Acq On : 01 Aug 2025 15:34
Operator : RC/JU
Sample : PB169087BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB169087BL

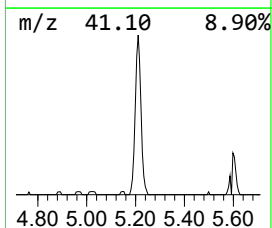
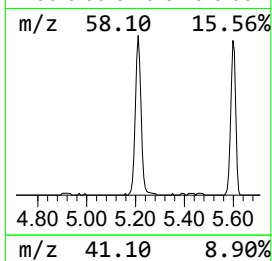
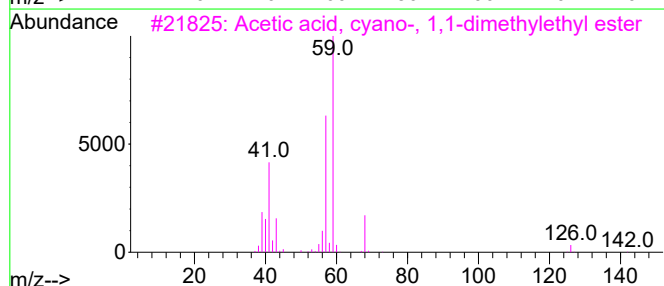
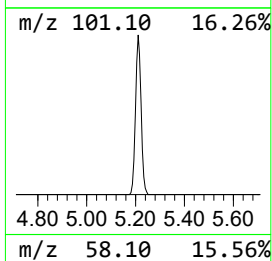
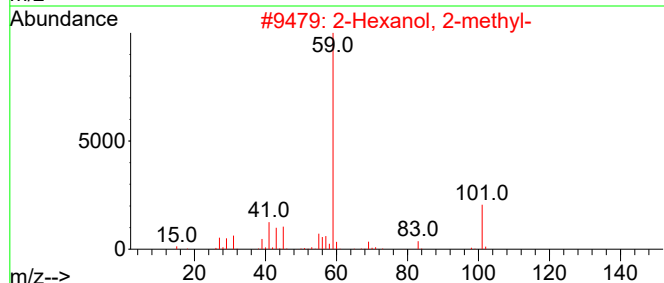
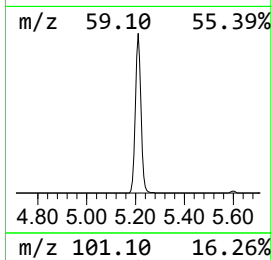
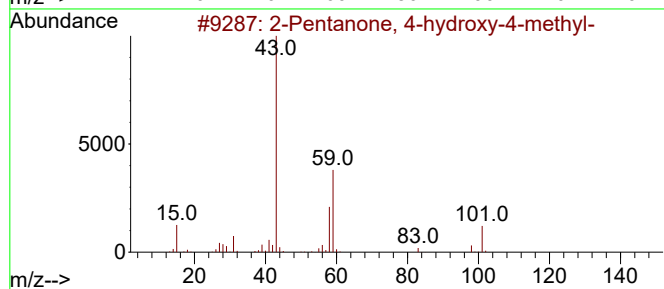
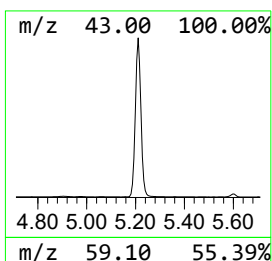
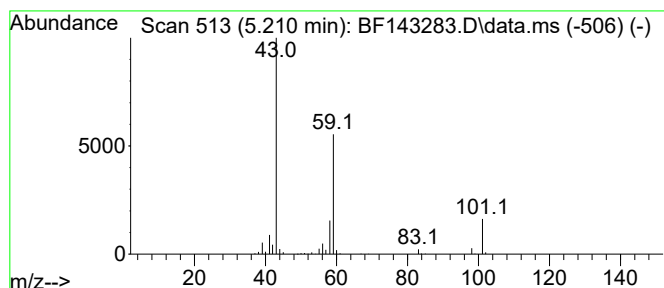
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.210	10.01 ng	369522	1,4-Dichlorobenzene-d4	6.957

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53		
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28		
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23		
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	17		
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080125\
Data File : BF143283.D
Acq On : 01 Aug 2025 15:34
Operator : RC/JU
Sample : PB169087BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB169087BL

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	5.210	10.0	ng	369522	1	6.957	738671	20.0

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	
Client Sample ID:	PB169087BS	SDG No.:	Q2733
Lab Sample ID:	PB169087BS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group4
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
BF143281.D	1	08/01/25 08:48	08/01/25 14:37	PB169087

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
108-95-2	Phenol	44.0		0.91	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	43.6		0.53	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	45.1		0.54	5.00	ug/L
91-20-3	Naphthalene	44.9		0.50	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	120		15 (23) - 110 (138)	80%	SPK: 150
13127-88-3	Phenol-d6	122		15 (10) - 110 (134)	81%	SPK: 150
4165-60-0	Nitrobenzene-d5	78.2		30 (67) - 130 (132)	78%	SPK: 100
321-60-8	2-Fluorobiphenyl	82.8		30 (52) - 130 (132)	83%	SPK: 100
118-79-6	2,4,6-Tribromophenol	138		15 (44) - 110 (137)	92%	SPK: 150
1718-51-0	Terphenyl-d14	88.6		30 (42) - 130 (152)	89%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	112000	6.963			
1146-65-2	Naphthalene-d8	478000	8.245			
15067-26-2	Acenaphthene-d10	197000	9.998			
1517-22-2	Phenanthrene-d10	333000	11.486			
1719-03-5	Chrysene-d12	185000	14.127			
1520-96-3	Perylene-d12	196000	15.633			

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\BF080125\
 Data File : BF143281.D
 Acq On : 01 Aug 2025 14:37
 Operator : RC/JU
 Sample : PB169087BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169087BS

Quant Time: Aug 01 15:08:44 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	111937	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	478481	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	196679	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	332732	20.000	ng	0.00
76) Chrysene-d12	14.127	240	185103	20.000	ng	0.00
86) Perylene-d12	15.633	264	196335	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	846345	119.649	ng	0.02
7) Phenol-d6	6.592	99	1084828	121.844	ng	0.00
23) Nitrobenzene-d5	7.522	82	750639	78.200	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	279755	137.688	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1190719	82.798	ng	0.00
79) Terphenyl-d14	13.068	244	1102522	88.636	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.899	88	137544	41.094	ng	98
3) Pyridine	3.651	79	397516	45.758	ng	97
4) n-Nitrosodimethylamine	3.593	42	205667	45.853	ng	98
6) Aniline	6.622	93	362043	29.177	ng	95
8) 2-Chlorophenol	6.751	128	365340	49.273	ng	97
9) Benzaldehyde	6.510	77	212086	31.767	ng	99
10) Phenol	6.604	94	426617	43.984	ng	94
11) bis(2-Chloroethyl)ether	6.692	93	326661	43.986	ng	99
12) 1,3-Dichlorobenzene	6.904	146	354530	44.016	ng	99
13) 1,4-Dichlorobenzene	6.981	146	353562	43.588	ng	100
14) 1,2-Dichlorobenzene	7.134	146	344809	44.694	ng	99
15) Benzyl Alcohol	7.098	79	321266	47.257	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	627582	45.555	ng	98
17) 2-Methylphenol	7.210	107	284459	45.628	ng	99
18) Hexachloroethane	7.475	117	129864	46.247	ng	97
19) n-Nitroso-di-n-propyla...	7.369	70	243183	42.573	ng	100
20) 3+4-Methylphenols	7.363	107	334201	44.184	ng	# 74
22) Acetophenone	7.363	105	444791	39.264	ng	95
24) Nitrobenzene	7.539	77	372746	41.651	ng	99
25) Isophorone	7.775	82	686428	40.508	ng	99
26) 2-Nitrophenol	7.857	139	182404	46.963	ng	96
27) 2,4-Dimethylphenol	7.892	122	328255	41.462	ng	99
28) bis(2-Chloroethoxy)met...	7.986	93	463479	45.619	ng	99
29) 2,4-Dichlorophenol	8.098	162	306253	45.869	ng	99
30) 1,2,4-Trichlorobenzene	8.181	180	325305	45.099	ng	99
31) Naphthalene	8.263	128	1058902	44.936	ng	100
32) Benzoic acid	8.004	122	199637	45.114	ng	100
33) 4-Chloroaniline	8.304	127	122027	12.682	ng	99
34) Hexachlorobutadiene	8.386	225	195150	44.289	ng	98
35) Caprolactam	8.675	113	101664m	50.389	ng	
36) 4-Chloro-3-methylphenol	8.792	107	337599	46.521	ng	98
37) 2-Methylnaphthalene	8.957	142	648907	45.253	ng	99
38) 1-Methylnaphthalene	9.057	142	668891	45.299	ng	100
40) 1,2,4,5-Tetrachloroben...	9.128	216	308822	54.386	ng	99
41) Hexachlorocyclopentadiene	9.116	237	389339	105.377	ng	100
43) 2,4,6-Trichlorophenol	9.233	196	194434	49.476	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080125\
 Data File : BF143281.D
 Acq On : 01 Aug 2025 14:37
 Operator : RC/JU
 Sample : PB169087BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169087BS

Quant Time: Aug 01 15:08:44 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

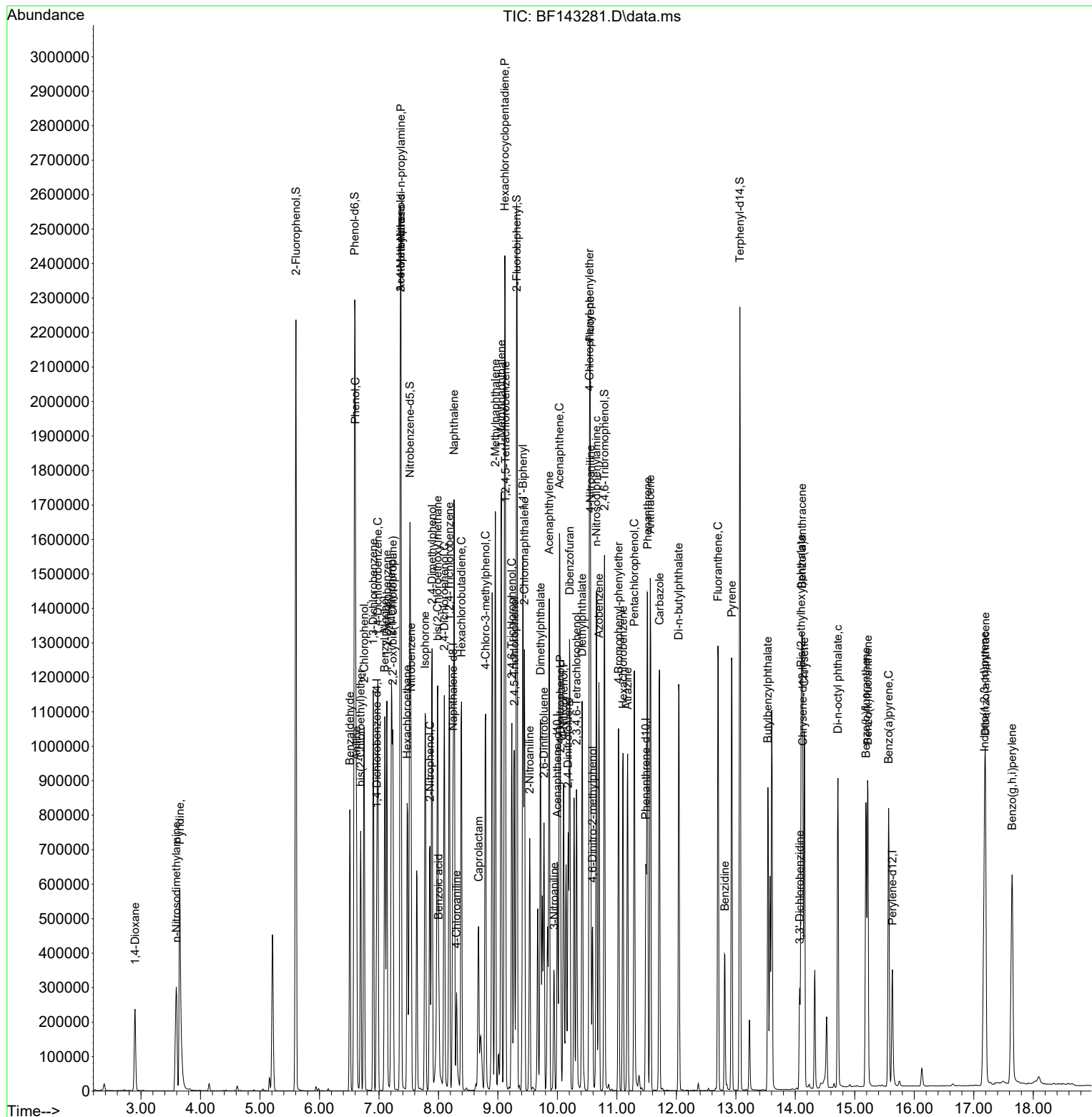
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	209348	53.255	ng	99
46) 1,1'-Biphenyl	9.422	154	695805	45.345	ng	99
47) 2-Chloronaphthalene	9.445	162	510087	44.926	ng	99
48) 2-Nitroaniline	9.533	65	172299	48.390	ng	100
49) Acenaphthylene	9.863	152	864483	45.433	ng	100
50) Dimethylphthalate	9.716	163	604078	47.120	ng	100
51) 2,6-Dinitrotoluene	9.775	165	130014	49.852	ng	99
52) Acenaphthene	10.033	154	555470	49.392	ng	99
53) 3-Nitroaniline	9.945	138	73630	24.137	ng	98
54) 2,4-Dinitrophenol	10.051	184	121594	100.966	ng	# 1
55) Dibenzofuran	10.204	168	747478	44.767	ng	99
56) 4-Nitrophenol	10.104	139	199667	87.654	ng	99
57) 2,4-Dinitrotoluene	10.180	165	175695	53.697	ng	95
58) Fluorene	10.551	166	570237	45.504	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.322	232	153666	47.190	ng	97
60) Diethylphthalate	10.416	149	597644	47.165	ng	100
61) 4-Chlorophenyl-phenyle...	10.539	204	288333	46.208	ng	99
62) 4-Nitroaniline	10.557	138	127551	48.788	ng	98
63) Azobenzene	10.698	77	586851	44.437	ng	99
65) 4,6-Dinitro-2-methylph...	10.592	198	85778	49.044	ng	97
66) n-Nitrosodiphenylamine	10.657	169	510935	43.608	ng	99
67) 4-Bromophenyl-phenylether	11.027	248	177500	44.764	ng	99
68) Hexachlorobenzene	11.104	284	187073	45.137	ng	98
69) Atrazine	11.180	200	157449	48.744	ng	100
70) Pentachlorophenol	11.292	266	208299	85.462	ng	99
71) Phenanthrene	11.516	178	788552	44.634	ng	100
72) Anthracene	11.563	178	808098	44.848	ng	99
73) Carbazole	11.716	167	712207	45.267	ng	100
74) Di-n-butylphthalate	12.039	149	856407	48.106	ng	100
75) Fluoranthene	12.698	202	777745	47.962	ng	100
77) Benzidine	12.816	184	226771	31.798	ng	99
78) Pyrene	12.933	202	759881	48.101	ng	99
80) Butylbenzylphthalate	13.539	149	281240	58.138	ng	100
81) Benzo(a)anthracene	14.115	228	565267	45.613	ng	100
82) 3,3'-Dichlorobenzidine	14.074	252	88646	21.462	ng	98
83) Chrysene	14.151	228	522696	46.912	ng	99
84) Bis(2-ethylhexyl)phtha...	14.098	149	363243	49.610	ng	100
85) Di-n-octyl phthalate	14.715	149	586041	44.156	ng	98
87) Indeno(1,2,3-cd)pyrene	17.180	276	646594	46.705	ng	97
88) Benzo(b)fluoranthene	15.186	252	552673	46.078	ng	99
89) Benzo(k)fluoranthene	15.221	252	492088	45.976	ng	98
90) Benzo(a)pyrene	15.568	252	511924	46.324	ng	99
91) Dibenzo(a,h)anthracene	17.198	278	527401	46.804	ng	97
92) Benzo(g,h,i)perylene	17.645	276	607779	55.758	ng	98

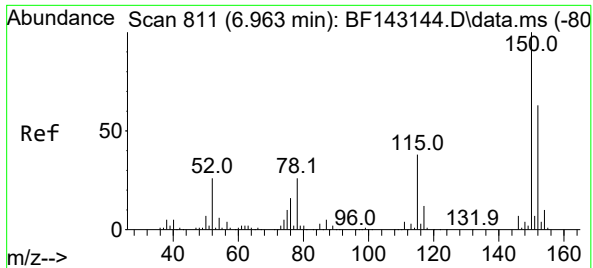
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080125\  
Data File : BF143281.D  
Acq On    : 01 Aug 2025  14:37  
Operator  : RC/JU  
Sample    : PB169087BS  
Misc      :  
ALS Vial  : 9    Sample Multiplier: 1
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Instrument :
BNA_F
ClientSampleId :
PB169087BS

Quant Time: Aug 01 15:08:44 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

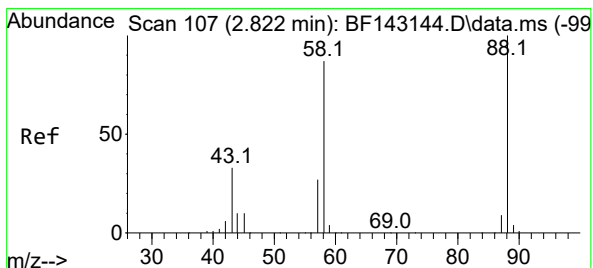
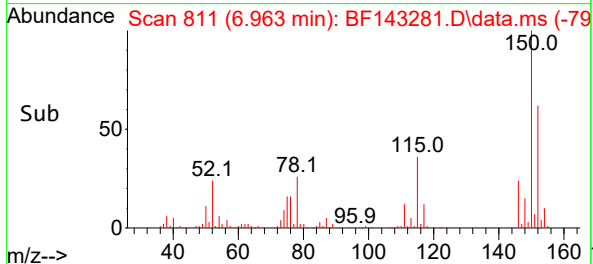
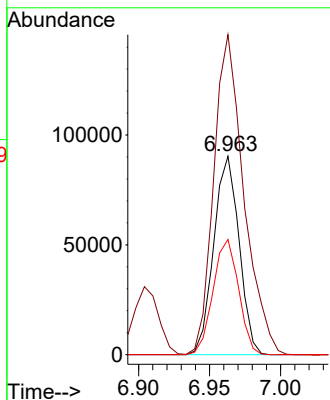
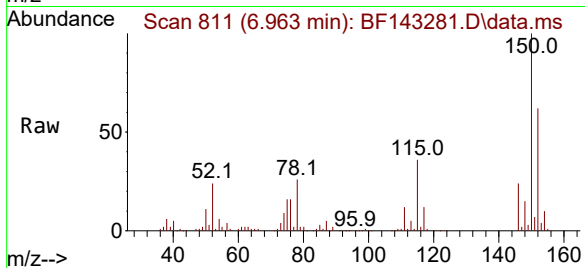




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF143281.D
 Acq: 01 Aug 2025 14:37

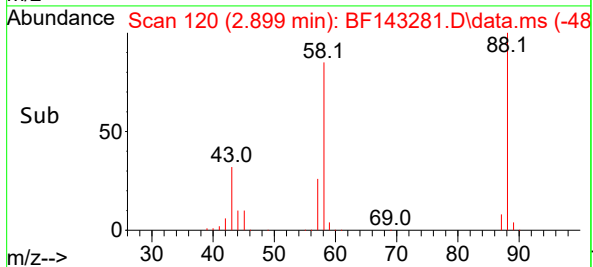
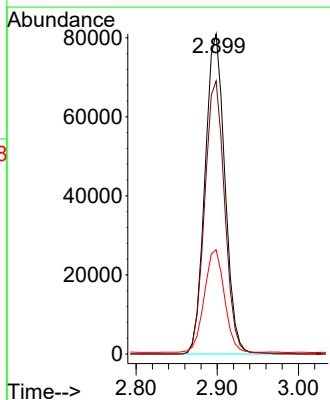
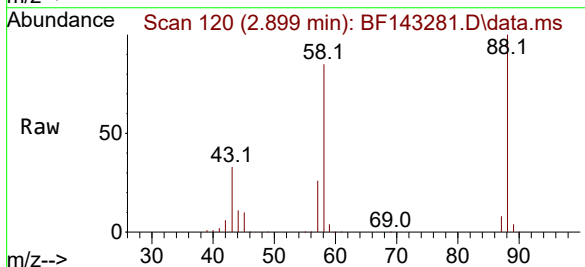
Instrument :
 BNA_F
 ClientSampleId :
 PB169087BS

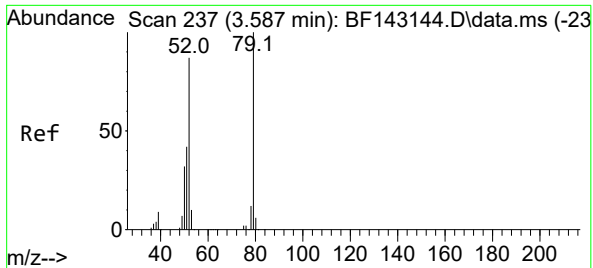
Tgt Ion:152 Resp: 111937
 Ion Ratio Lower Upper
 152 100
 150 161.3 128.2 192.4
 115 58.1 47.9 71.9



#2
 1,4-Dioxane
 Concen: 41.094 ng
 RT: 2.899 min Scan# 120
 Delta R.T. 0.076 min
 Lab File: BF143281.D
 Acq: 01 Aug 2025 14:37

Tgt Ion: 88 Resp: 137544
 Ion Ratio Lower Upper
 88 100
 58 86.1 70.2 105.2
 43 32.5 27.1 40.7

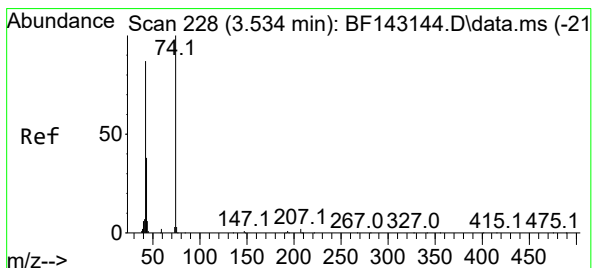
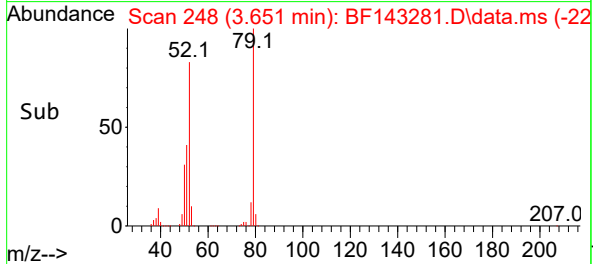
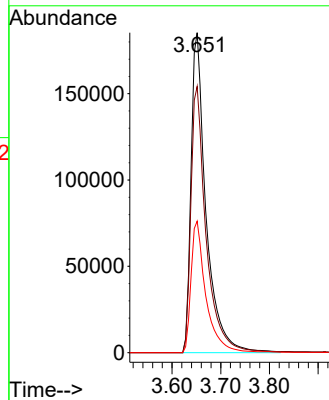
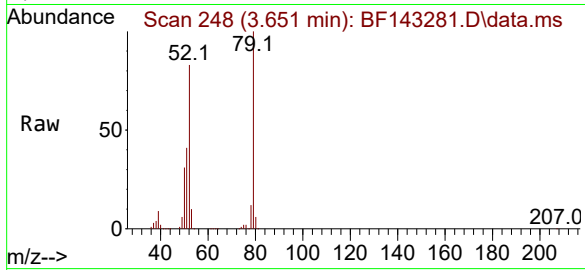




#3
Pyridine
Concen: 45.758 ng
RT: 3.651 min Scan# 24
Delta R.T. 0.065 min
Lab File: BF143281.D
Acq: 01 Aug 2025 14:37

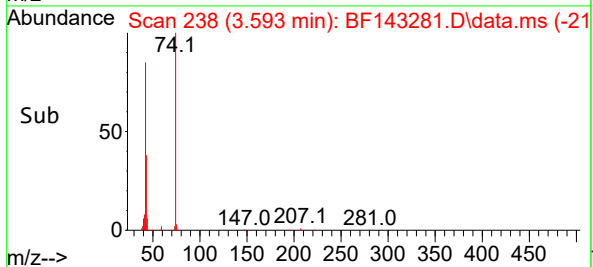
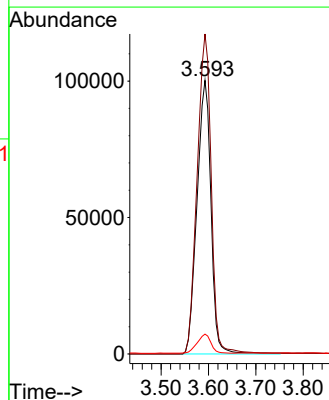
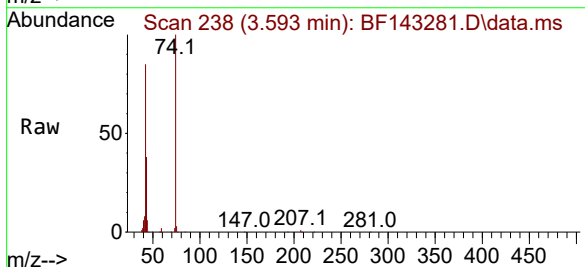
Instrument :
BNA_F
ClientSampleId :
PB169087BS

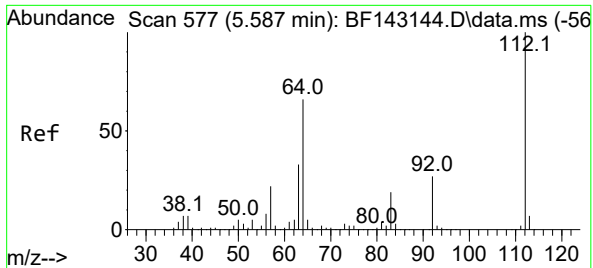
Tgt Ion: 79 Resp: 397516
Ion Ratio Lower Upper
79 100
52 83.2 69.4 104.2
51 41.1 33.5 50.3



#4
n-Nitrosodimethylamine
Concen: 45.853 ng
RT: 3.593 min Scan# 238
Delta R.T. 0.059 min
Lab File: BF143281.D
Acq: 01 Aug 2025 14:37

Tgt Ion: 42 Resp: 205667
Ion Ratio Lower Upper
42 100
74 117.0 91.7 137.5
44 7.3 5.6 8.4

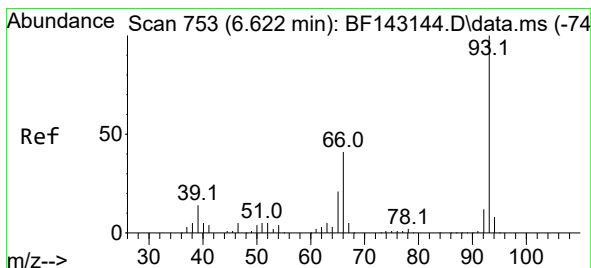
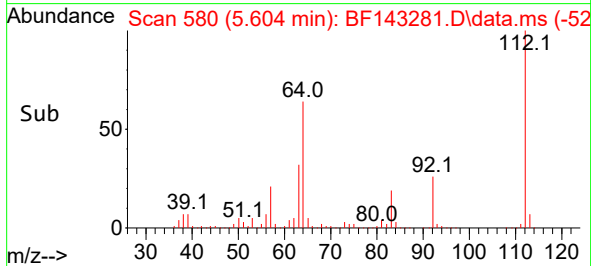
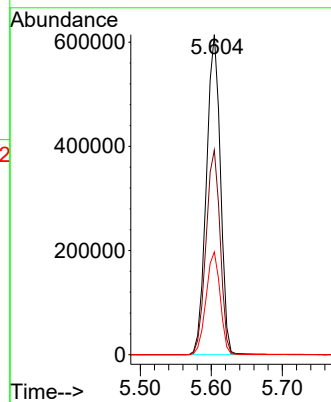
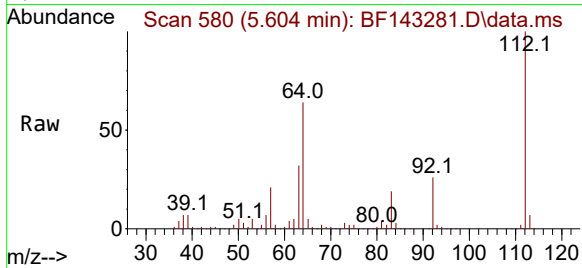




#5
2-Fluorophenol
Concen: 119.649 ng
RT: 5.604 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF143281.D
Acq: 01 Aug 2025 14:37

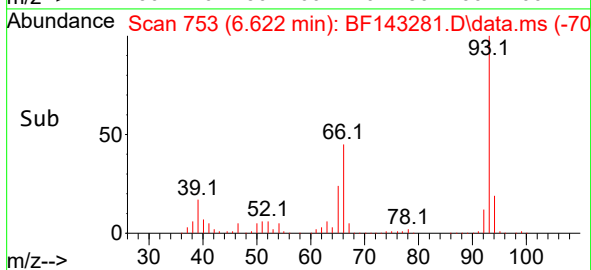
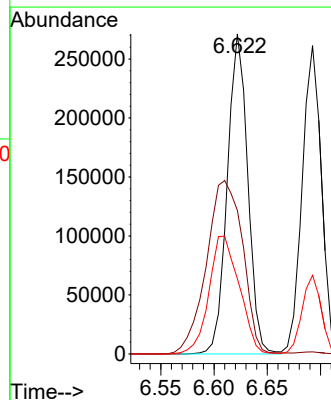
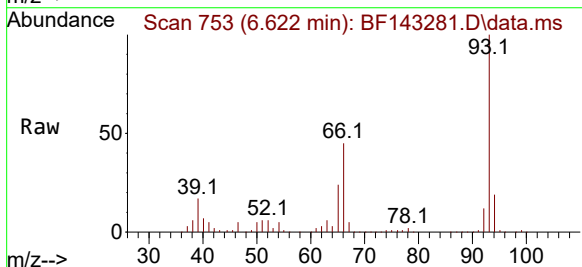
Instrument :
BNA_F
ClientSampleId :
PB169087BS

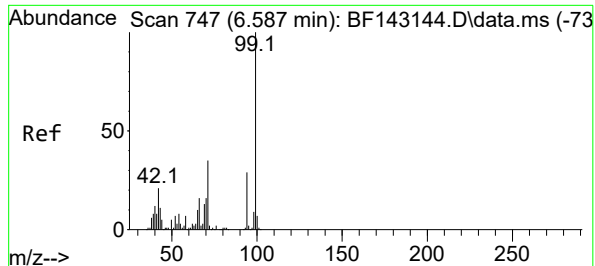
Tgt Ion:112 Resp: 846345
Ion Ratio Lower Upper
112 100
64 64.0 53.1 79.7
63 32.1 26.6 40.0



#6
Aniline
Concen: 29.177 ng
RT: 6.622 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF143281.D
Acq: 01 Aug 2025 14:37

Tgt Ion: 93 Resp: 362043
Ion Ratio Lower Upper
93 100
66 44.9 33.2 49.8
65 23.6 16.9 25.3





#7

Phenol-d6

Concen: 121.844 ng

RT: 6.592 min Scan# 747

Delta R.T. 0.006 min

Lab File: BF143281.D

Acq: 01 Aug 2025 14:37

Instrument :

BNA_F

ClientSampleId :

PB169087BS

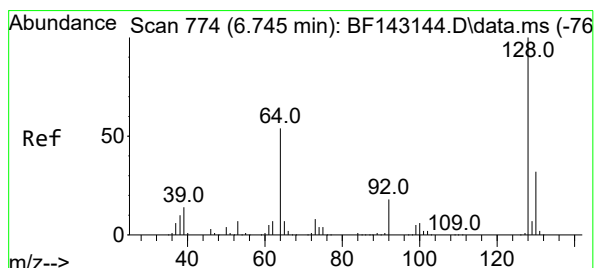
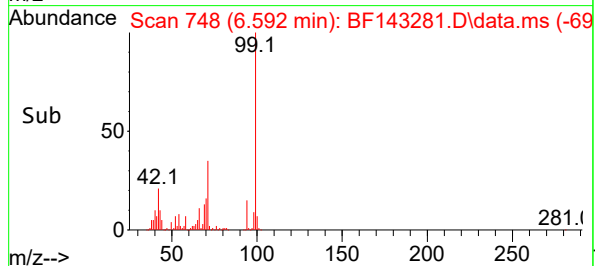
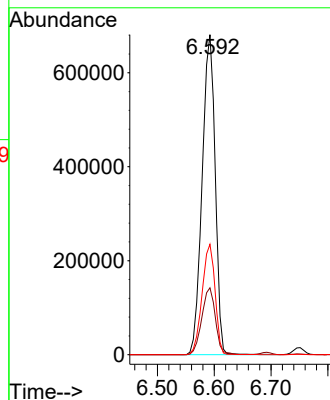
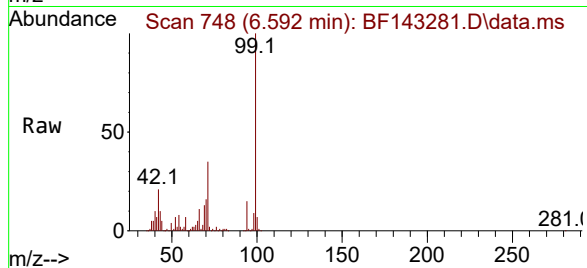
Tgt Ion: 99 Resp: 1084828

Ion Ratio Lower Upper

99 100

42 20.9 17.0 25.6

71 34.5 27.7 41.5



#8

2-Chlorophenol

Concen: 49.273 ng

RT: 6.751 min Scan# 775

Delta R.T. 0.006 min

Lab File: BF143281.D

Acq: 01 Aug 2025 14:37

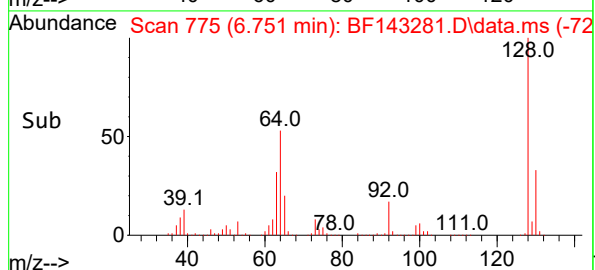
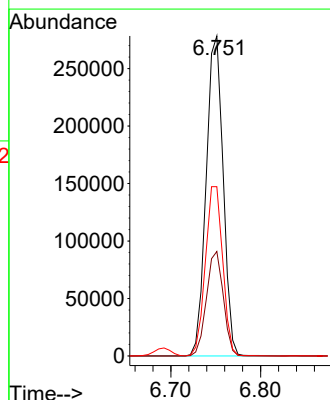
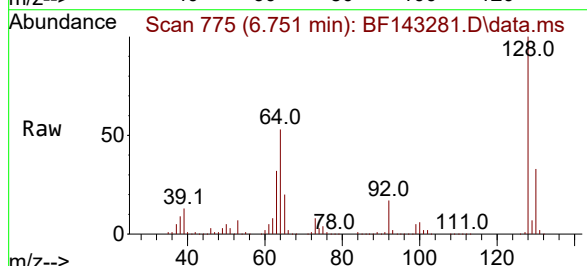
Tgt Ion: 128 Resp: 365340

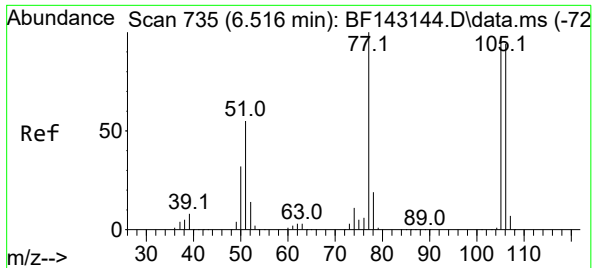
Ion Ratio Lower Upper

128 100

130 32.7 12.3 52.3

64 52.9 35.9 75.9

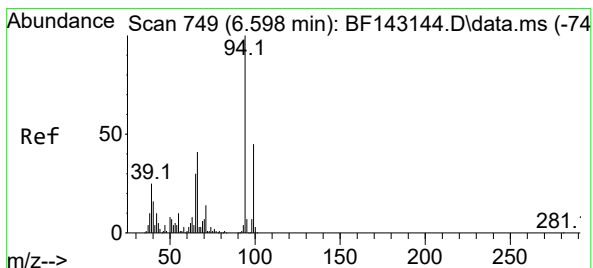
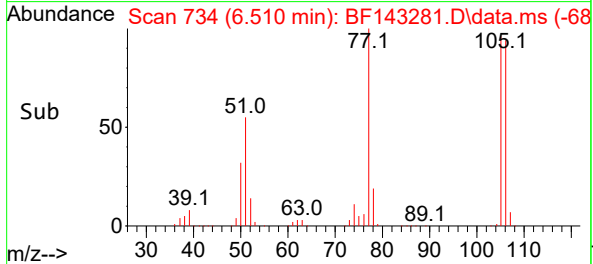
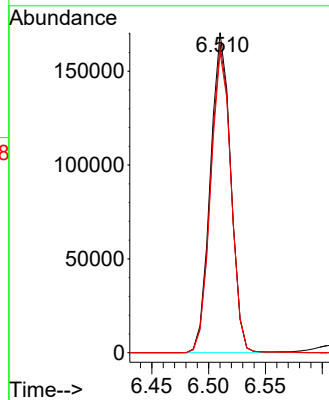
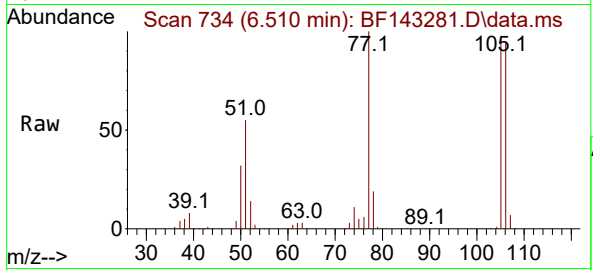




#9
Benzaldehyde
Concen: 31.767 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF143281.D
Acq: 01 Aug 2025 14:37

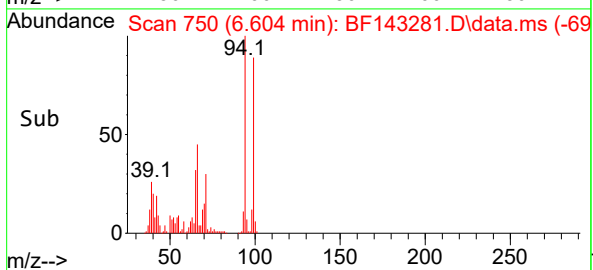
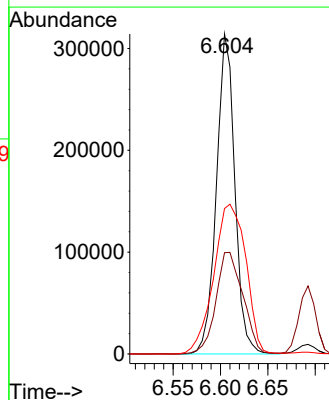
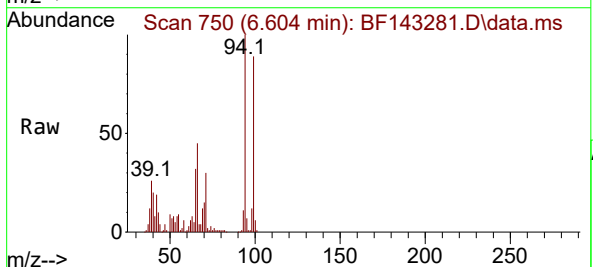
Instrument :
BNA_F
ClientSampleId :
PB169087BS

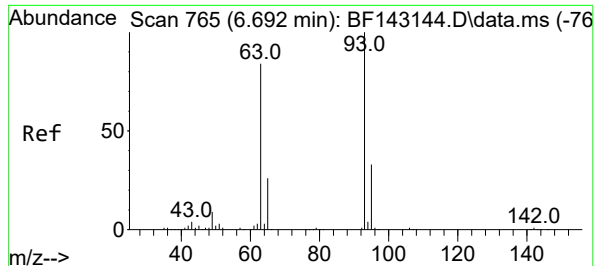
Tgt Ion: 77 Resp: 212086
Ion Ratio Lower Upper
77 100
105 96.3 76.8 116.8
106 93.9 74.4 114.4



#10
Phenol
Concen: 43.984 ng
RT: 6.604 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF143281.D
Acq: 01 Aug 2025 14:37

Tgt Ion: 94 Resp: 426617
Ion Ratio Lower Upper
94 100
65 31.7 10.0 50.0
66 45.5 20.8 60.8





#11

bis(2-Chloroethyl)ether

Concen: 43.986 ng

RT: 6.692 min Scan# 765

Delta R.T. -0.000 min

Lab File: BF143281.D

Acq: 01 Aug 2025 14:37

Instrument :

BNA_F

ClientSampleId :

PB169087BS

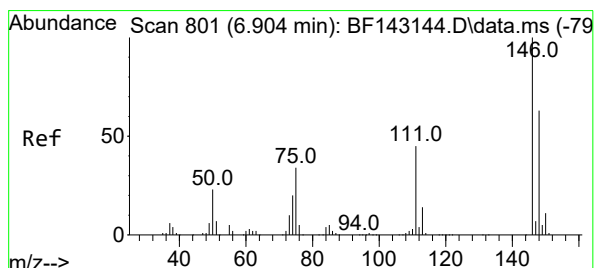
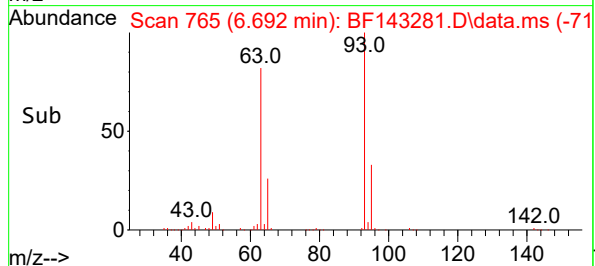
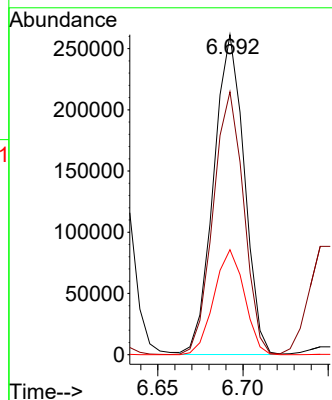
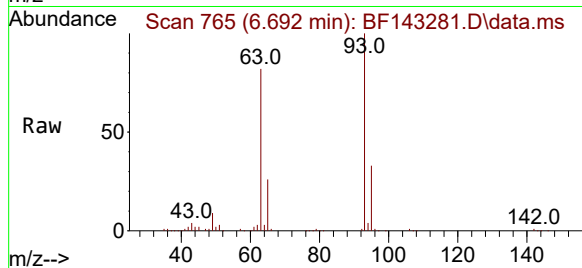
Tgt Ion: 93 Resp: 326661

Ion Ratio Lower Upper

93 100

63 82.1 63.4 103.4

95 32.8 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 44.016 ng

RT: 6.904 min Scan# 801

Delta R.T. -0.000 min

Lab File: BF143281.D

Acq: 01 Aug 2025 14:37

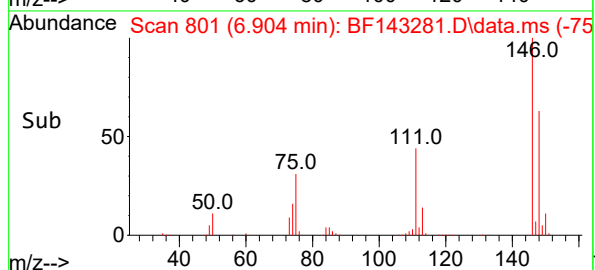
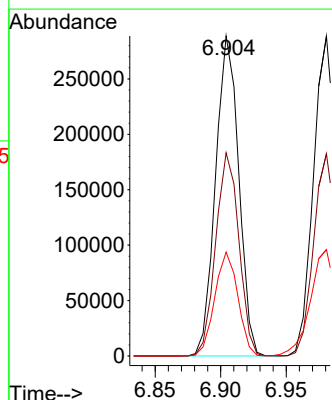
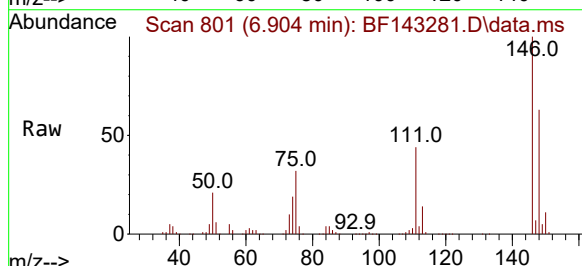
Tgt Ion: 146 Resp: 354530

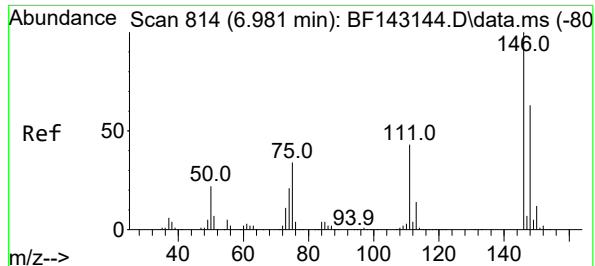
Ion Ratio Lower Upper

146 100

148 63.5 50.6 76.0

75 32.5 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 43.588 ng

RT: 6.981 min Scan# 814

Delta R.T. -0.000 min

Lab File: BF143281.D

Acq: 01 Aug 2025 14:37

Instrument :

BNA_F

ClientSampleId :

PB169087BS

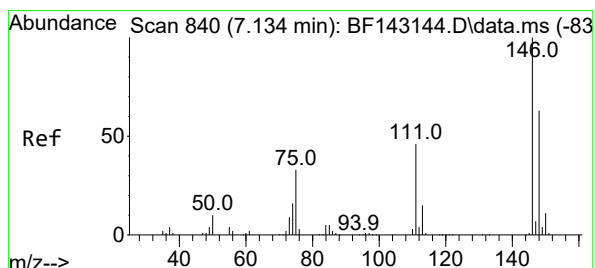
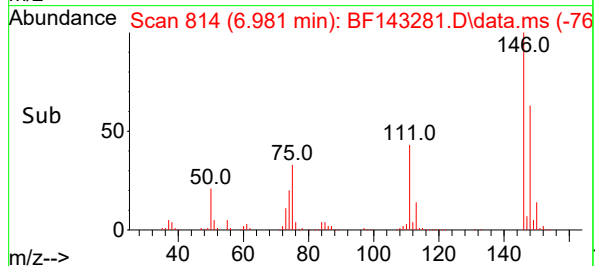
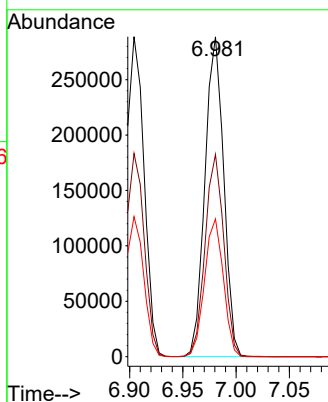
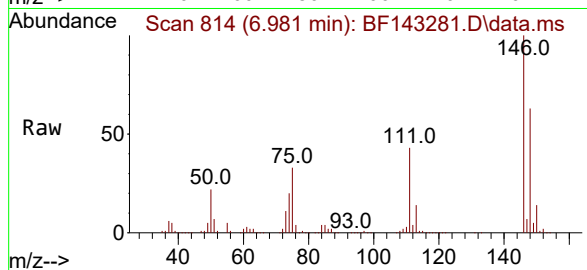
Tgt Ion:146 Resp: 353562

Ion Ratio Lower Upper

146 100

148 63.2 50.3 75.5

111 43.1 34.4 51.6



#14

1,2-Dichlorobenzene

Concen: 44.694 ng

RT: 7.134 min Scan# 840

Delta R.T. -0.000 min

Lab File: BF143281.D

Acq: 01 Aug 2025 14:37

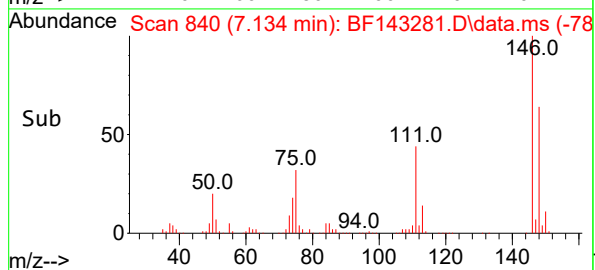
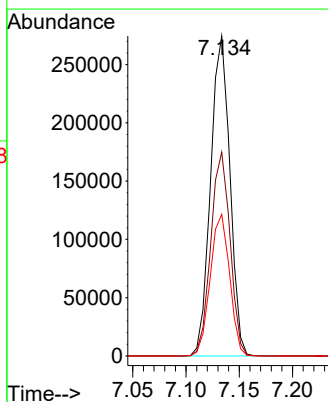
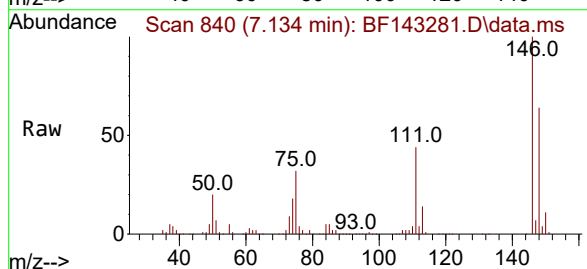
Tgt Ion:146 Resp: 344809

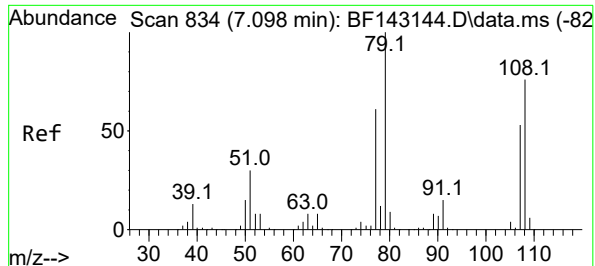
Ion Ratio Lower Upper

146 100

148 63.7 50.7 76.1

111 44.2 36.6 54.8





#15

Benzyl Alcohol

Concen: 47.257 ng

RT: 7.098 min Scan# 834

Delta R.T. -0.000 min

Lab File: BF143281.D

Acq: 01 Aug 2025 14:37

Instrument :

BNA_F

ClientSampleId :

PB169087BS

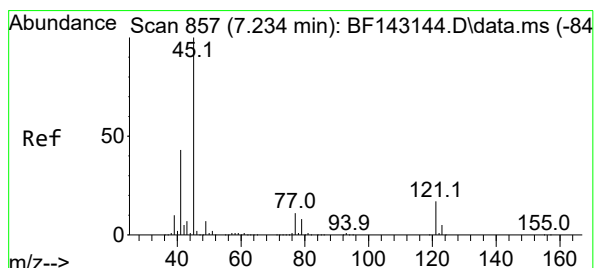
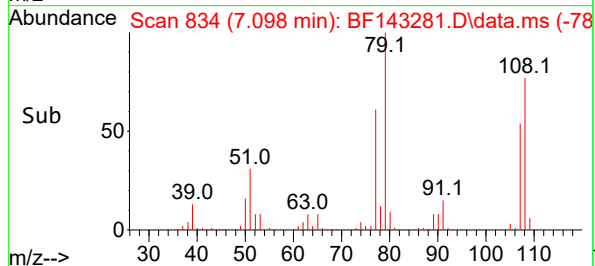
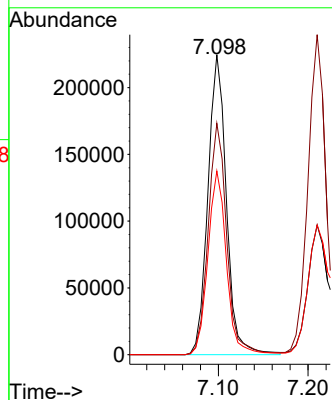
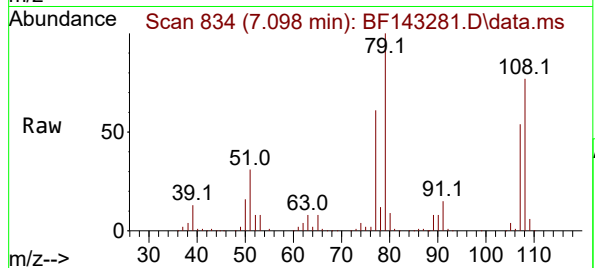
Tgt Ion: 79 Resp: 321266

Ion Ratio Lower Upper

79 100

108 77.1 61.1 91.7

77 61.3 48.9 73.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 45.555 ng

RT: 7.234 min Scan# 857

Delta R.T. -0.000 min

Lab File: BF143281.D

Acq: 01 Aug 2025 14:37

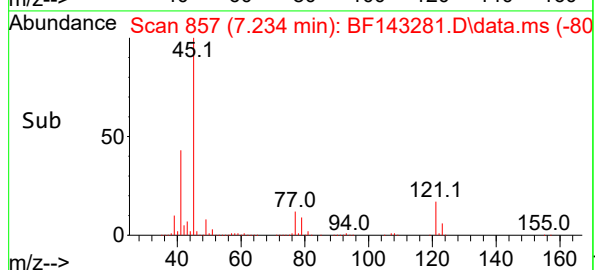
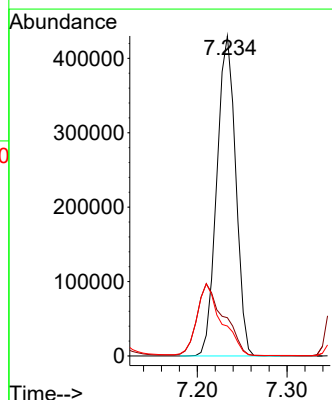
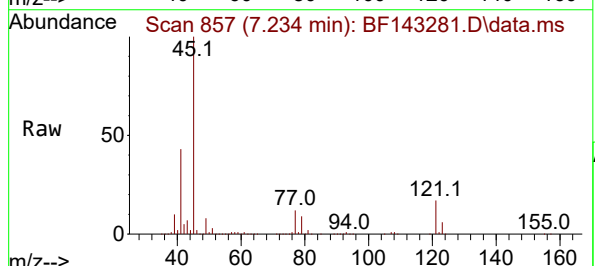
Tgt Ion: 45 Resp: 627582

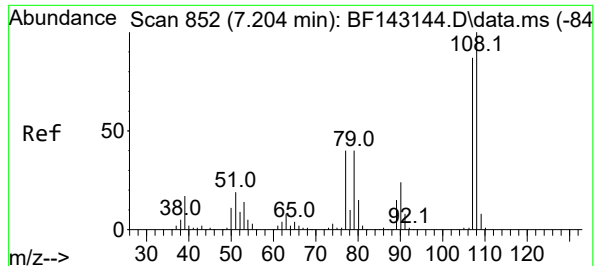
Ion Ratio Lower Upper

45 100

77 12.0 0.0 31.2

79 9.4 0.0 28.5

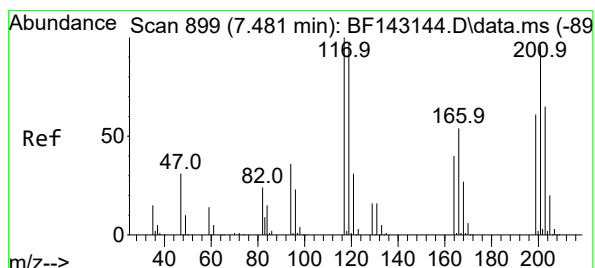
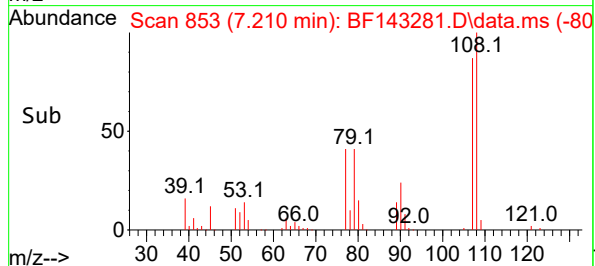
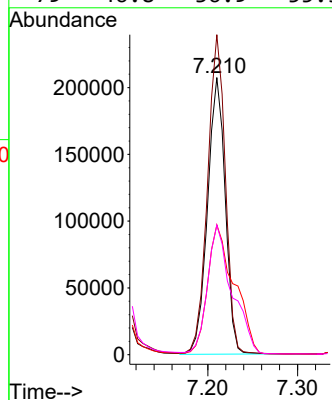
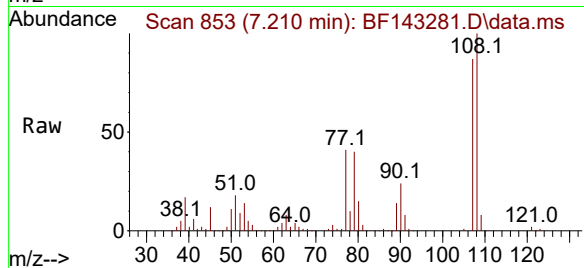




#17
2-Methylphenol
Concen: 45.628 ng
RT: 7.210 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF143281.D
Acq: 01 Aug 2025 14:37

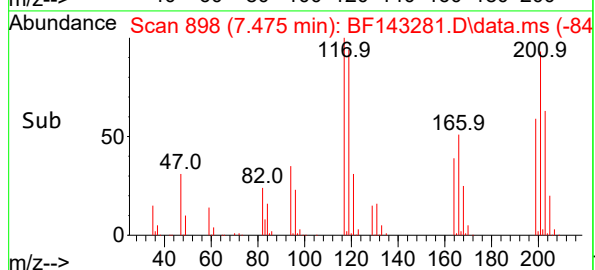
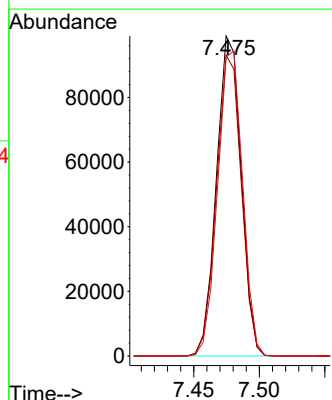
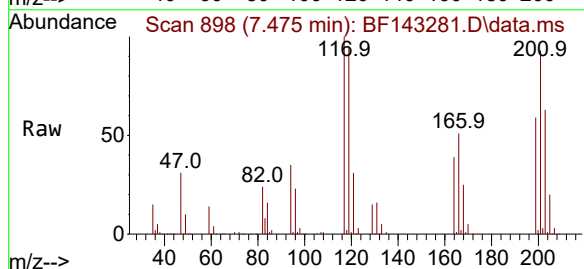
Instrument :
BNA_F
ClientSampleId :
PB169087BS

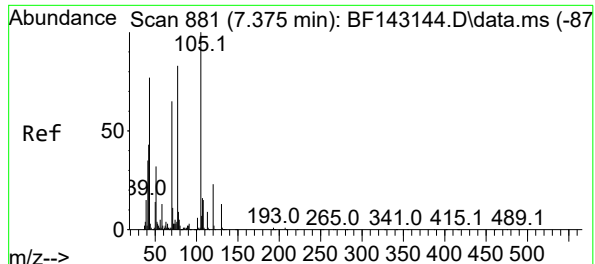
Tgt Ion:107 Resp: 284459
Ion Ratio Lower Upper
107 100
108 115.5 91.8 137.6
77 46.8 37.0 55.6
79 46.8 36.9 55.3



#18
Hexachloroethane
Concen: 46.247 ng
RT: 7.475 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF143281.D
Acq: 01 Aug 2025 14:37

Tgt Ion:117 Resp: 129864
Ion Ratio Lower Upper
117 100
119 94.0 77.8 116.8
201 93.4 77.0 115.4





#19

n-Nitroso-di-n-propylamine

Concen: 42.573 ng

RT: 7.369 min Scan# 881

Delta R.T. -0.006 min

Lab File: BF143281.D

Acq: 01 Aug 2025 14:37

Instrument :

BNA_F

ClientSampleId :

PB169087BS

Tgt Ion: 70 Resp: 243183

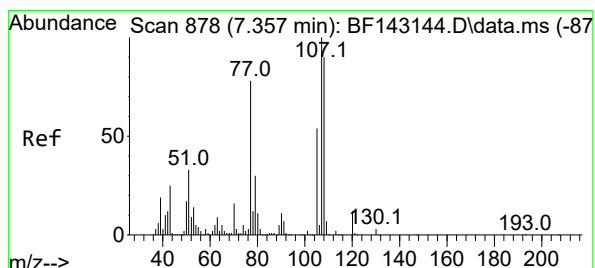
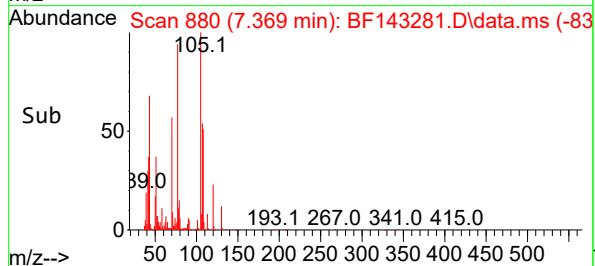
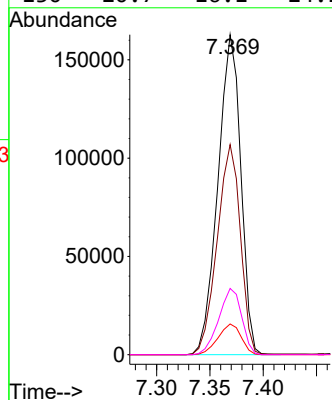
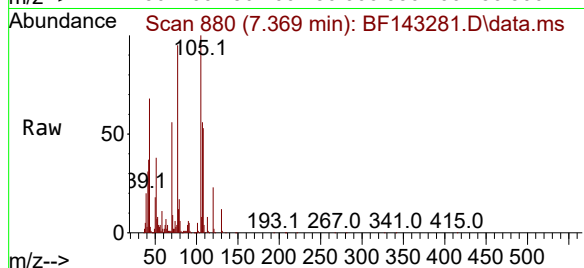
Ion Ratio Lower Upper

70 100

42 65.6 52.5 78.7

101 9.6 7.6 11.4

130 20.7 16.1 24.1



#20

3+4-Methylphenols

Concen: 44.184 ng

RT: 7.363 min Scan# 879

Delta R.T. 0.006 min

Lab File: BF143281.D

Acq: 01 Aug 2025 14:37

Tgt Ion:107 Resp: 334201

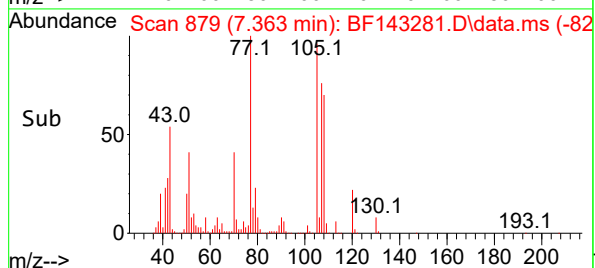
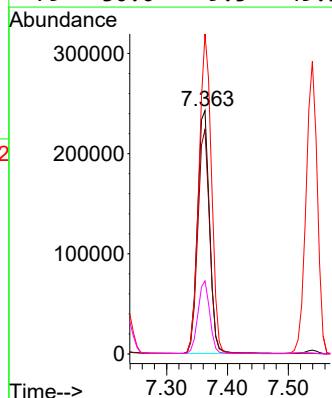
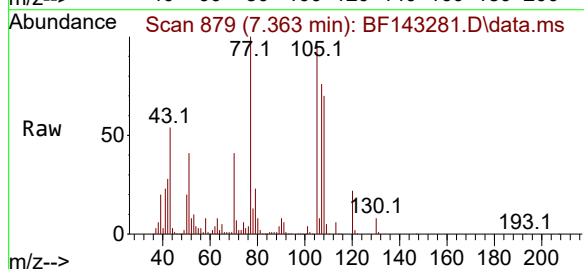
Ion Ratio Lower Upper

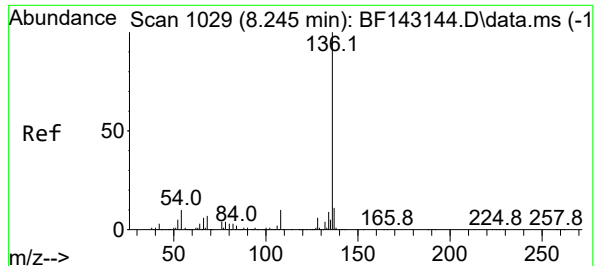
107 100

108 92.2 70.0 110.0

77 131.5 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: BF143281.D

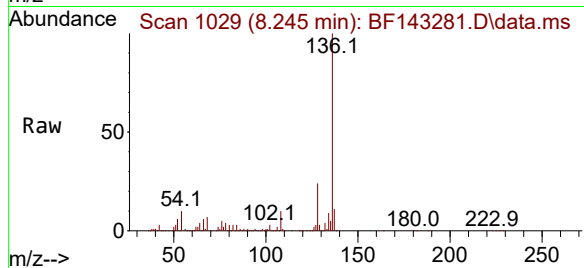
Acq: 01 Aug 2025 14:37

Instrument :

BNA_F

ClientSampleId :

PB169087BS



Tgt Ion:136 Resp: 478481

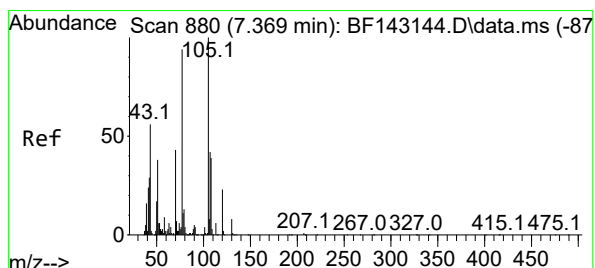
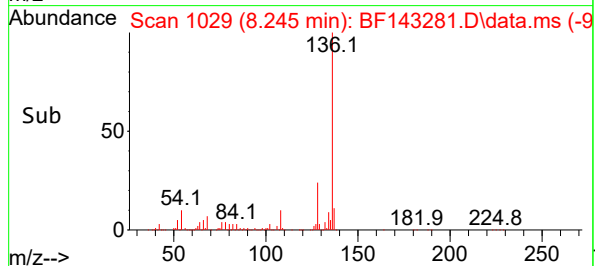
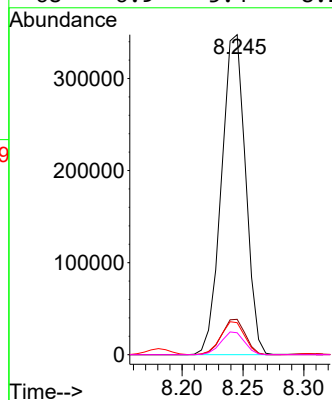
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 10.0 8.2 12.2

68 6.9 5.4 8.2



#22

Acetophenone

Concen: 39.264 ng

RT: 7.363 min Scan# 879

Delta R.T. -0.006 min

Lab File: BF143281.D

Acq: 01 Aug 2025 14:37

Tgt Ion:105 Resp: 444791

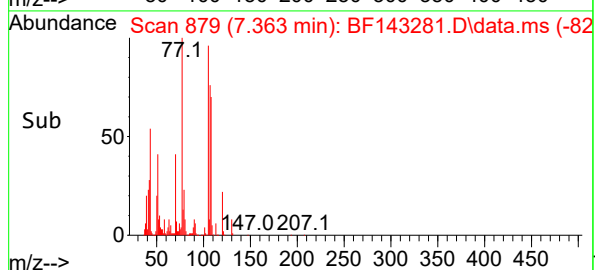
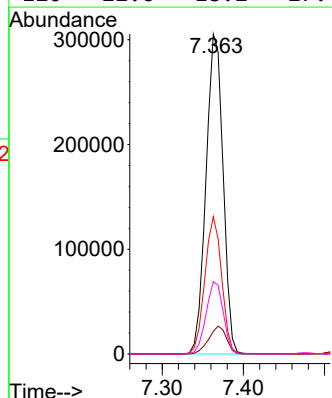
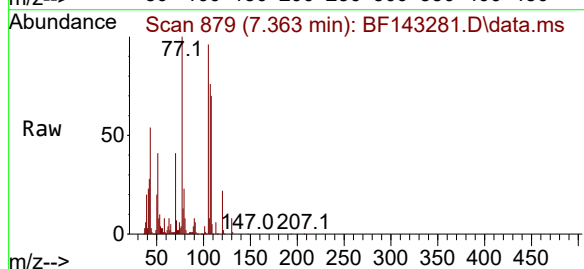
Ion Ratio Lower Upper

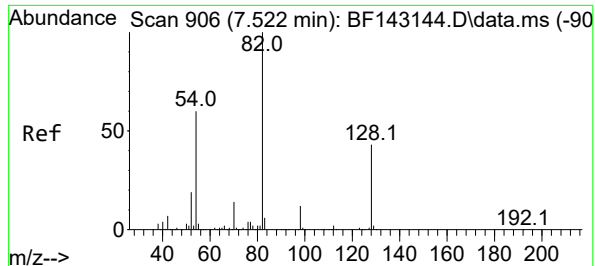
105 100

71 7.0 5.8 8.6

51 42.9 30.2 45.2

120 22.6 18.2 27.4





#23

Nitrobenzene-d5

Concen: 78.200 ng

RT: 7.522 min Scan# 90

Delta R.T. -0.000 min

Lab File: BF143281.D

Acq: 01 Aug 2025 14:37

Instrument :

BNA_F

ClientSampleId :

PB169087BS

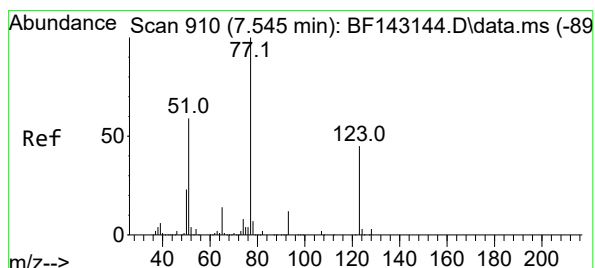
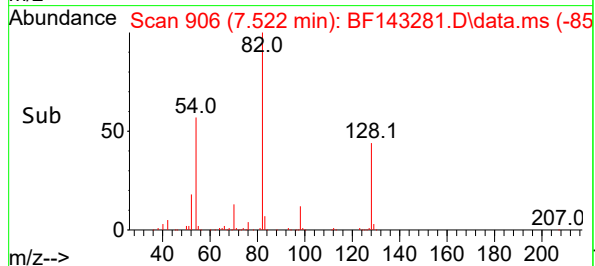
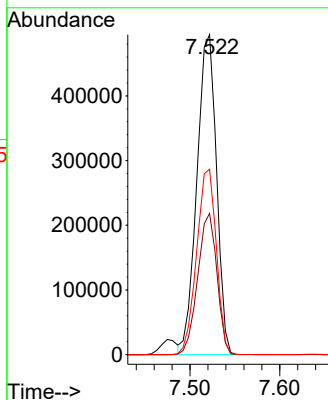
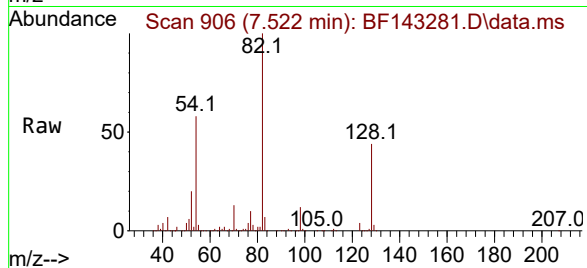
Tgt Ion: 82 Resp: 750639

Ion Ratio Lower Upper

82 100

128 44.1 33.6 50.4

54 57.9 47.1 70.7



#24

Nitrobenzene

Concen: 41.651 ng

RT: 7.539 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF143281.D

Acq: 01 Aug 2025 14:37

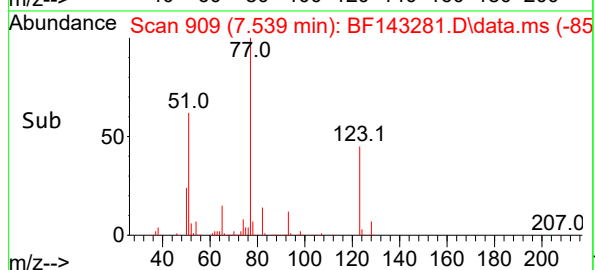
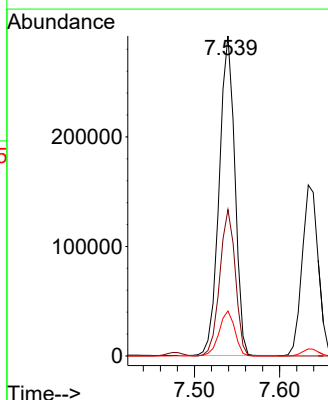
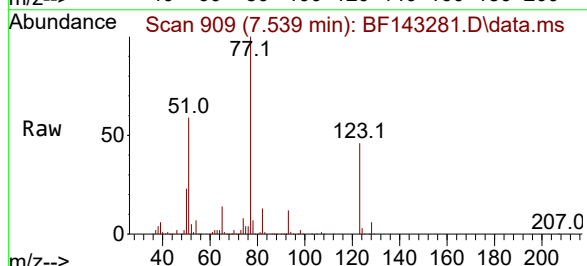
Tgt Ion: 77 Resp: 372746

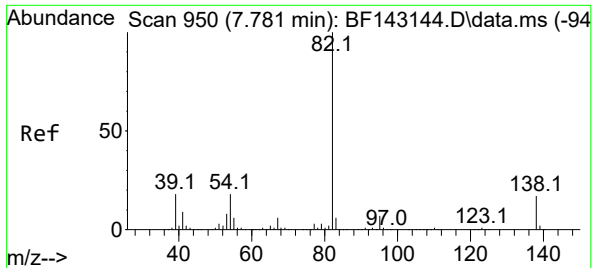
Ion Ratio Lower Upper

77 100

123 45.8 36.1 54.1

65 14.1 11.4 17.2

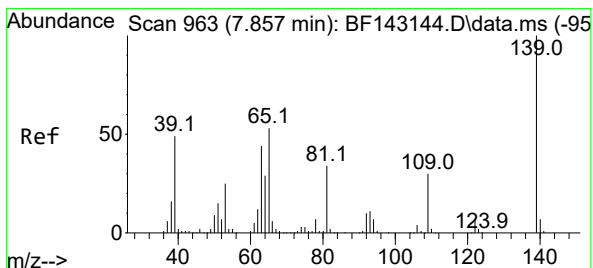
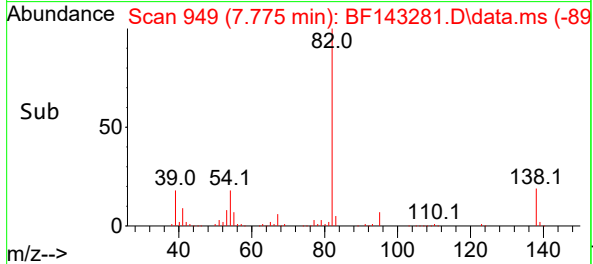
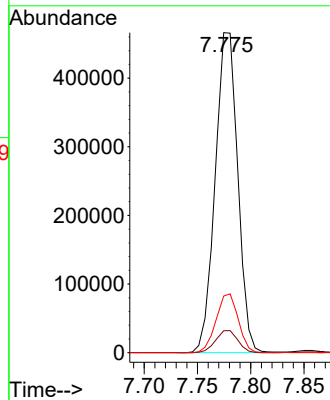
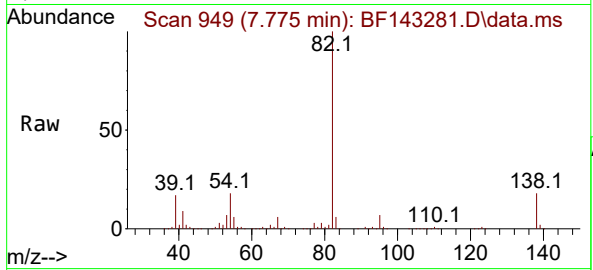




#25
Isophorone
Concen: 40.508 ng
RT: 7.775 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF143281.D
Acq: 01 Aug 2025 14:37

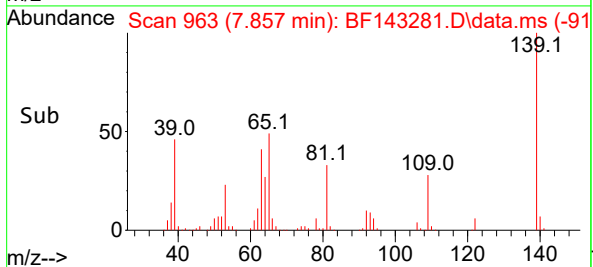
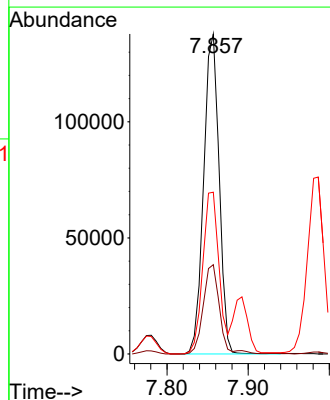
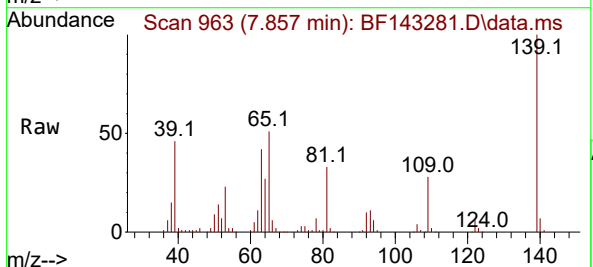
Instrument :
BNA_F
ClientSampleId :
PB169087BS

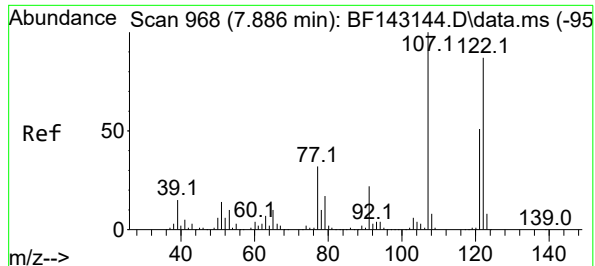
Tgt Ion: 82 Resp: 686428
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 17.7 13.8 20.8



#26
2-Nitrophenol
Concen: 46.963 ng
RT: 7.857 min Scan# 963
Delta R.T. -0.000 min
Lab File: BF143281.D
Acq: 01 Aug 2025 14:37

Tgt Ion:139 Resp: 182404
Ion Ratio Lower Upper
139 100
109 27.9 23.6 35.4
65 50.6 42.6 64.0





#27

2,4-Dimethylphenol

Concen: 41.462 ng

RT: 7.892 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF143281.D

Acq: 01 Aug 2025 14:37

Instrument :

BNA_F

ClientSampleId :

PB169087BS

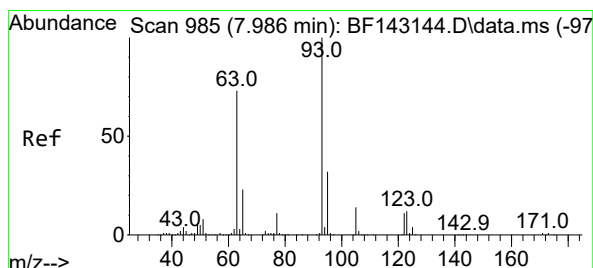
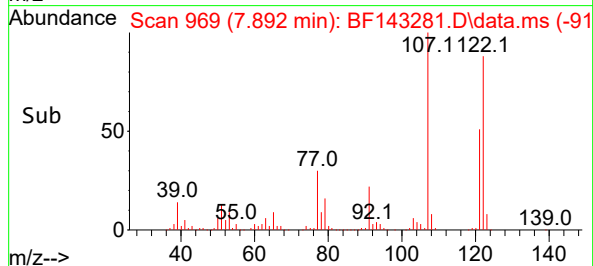
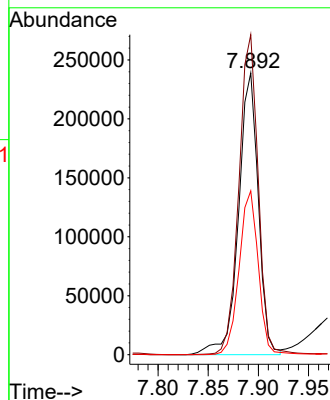
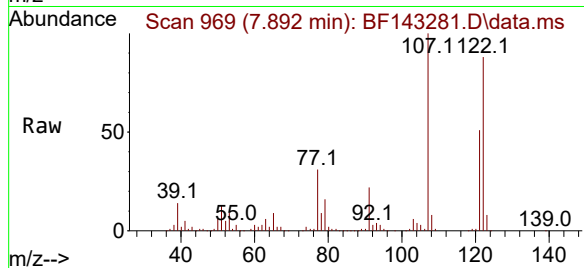
Tgt Ion:122 Resp: 328255

Ion Ratio Lower Upper

122 100

107 113.5 91.8 137.6

121 58.2 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 45.619 ng

RT: 7.986 min Scan# 985

Delta R.T. -0.000 min

Lab File: BF143281.D

Acq: 01 Aug 2025 14:37

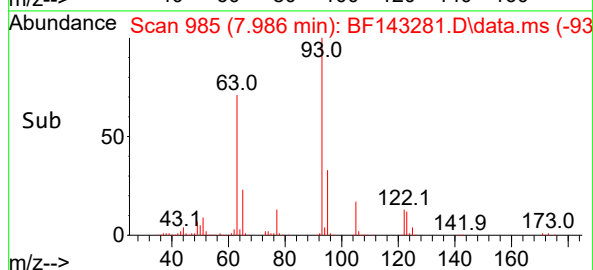
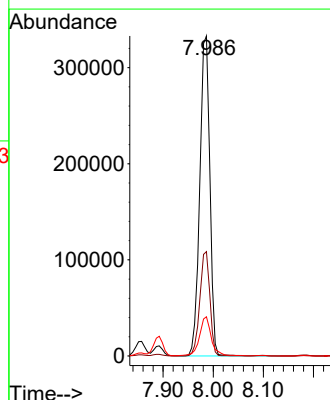
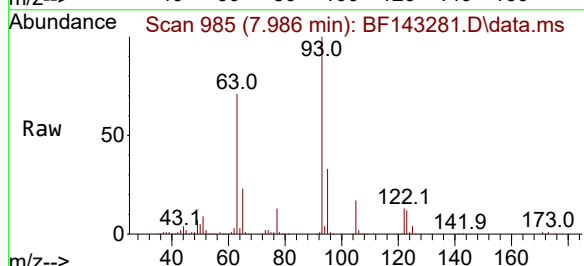
Tgt Ion: 93 Resp: 463479

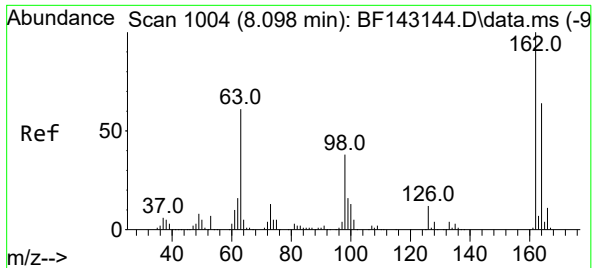
Ion Ratio Lower Upper

93 100

95 32.6 25.8 38.6

123 12.2 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 45.869 ng

RT: 8.098 min Scan# 1004

Delta R.T. -0.000 min

Lab File: BF143281.D

Acq: 01 Aug 2025 14:37

Instrument :

BNA_F

ClientSampleId :

PB169087BS

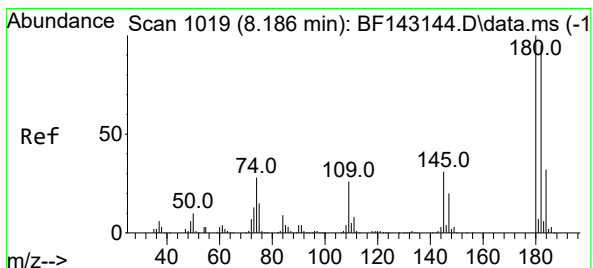
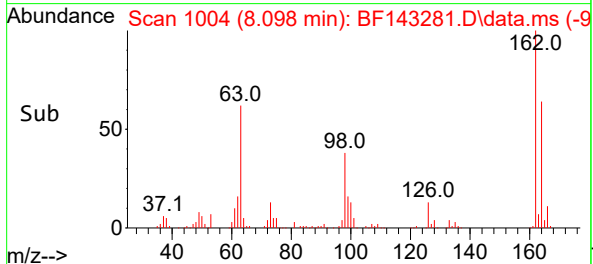
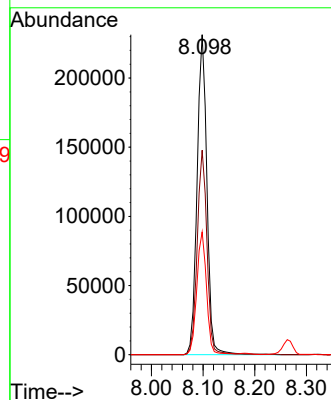
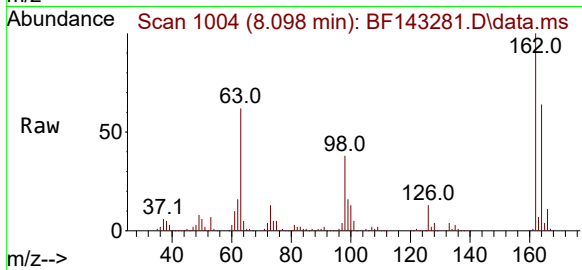
Tgt Ion:162 Resp: 306253

Ion Ratio Lower Upper

162 100

164 63.9 44.2 84.2

98 38.3 17.9 57.9



#30

1,2,4-Trichlorobenzene

Concen: 45.099 ng

RT: 8.181 min Scan# 1018

Delta R.T. -0.006 min

Lab File: BF143281.D

Acq: 01 Aug 2025 14:37

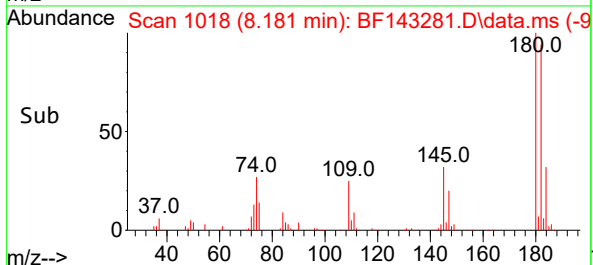
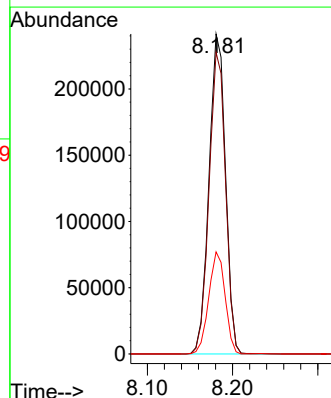
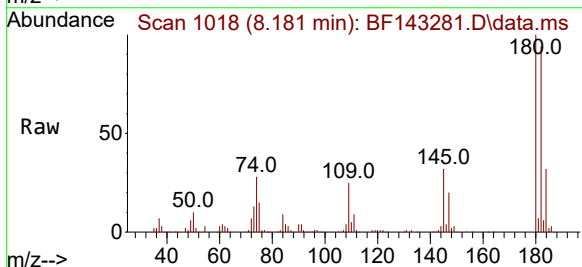
Tgt Ion:180 Resp: 325305

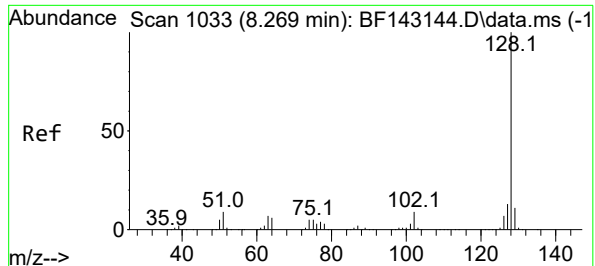
Ion Ratio Lower Upper

180 100

182 94.2 76.2 114.2

145 31.9 25.0 37.6





#31

Naphthalene

Concen: 44.936 ng

RT: 8.263 min Scan# 1033

Delta R.T. -0.006 min

Lab File: BF143281.D

Acq: 01 Aug 2025 14:37

Instrument :

BNA_F

ClientSampleId :

PB169087BS

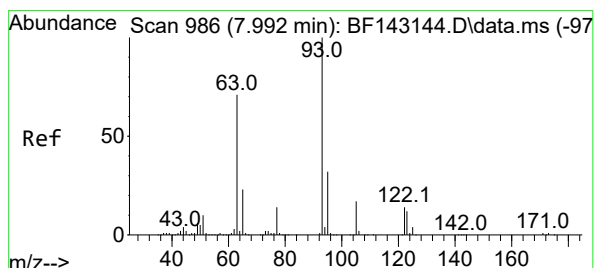
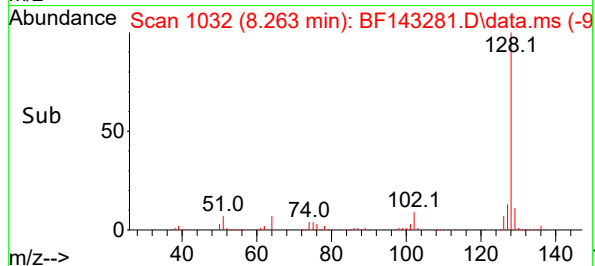
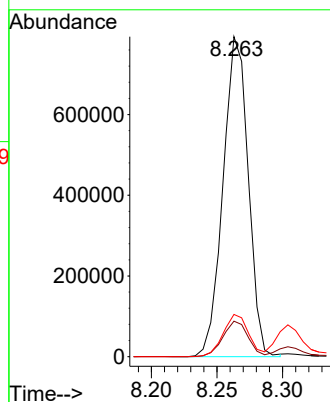
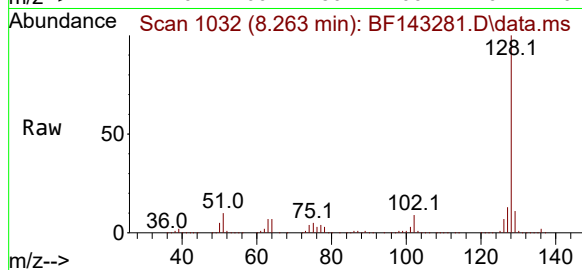
Tgt Ion:128 Resp: 1058902

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.4

127 13.2 10.6 16.0



#32

Benzoic acid

Concen: 45.114 ng

RT: 8.004 min Scan# 988

Delta R.T. 0.012 min

Lab File: BF143281.D

Acq: 01 Aug 2025 14:37

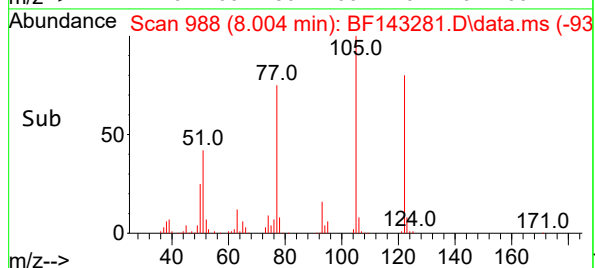
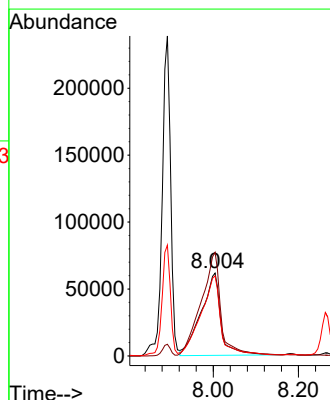
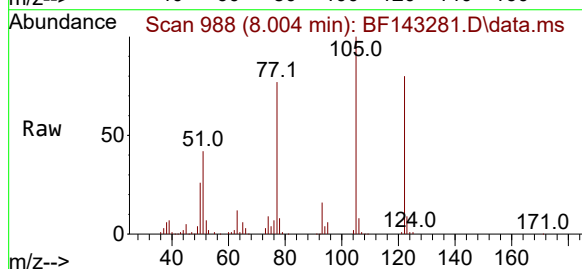
Tgt Ion:122 Resp: 199637

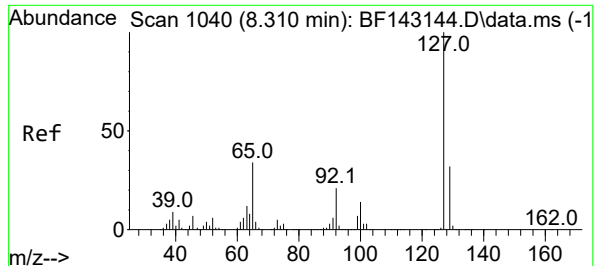
Ion Ratio Lower Upper

122 100

105 125.0 104.8 144.8

77 96.8 77.6 117.6





#33

4-Chloroaniline

Concen: 12.682 ng

RT: 8.304 min Scan# 1039

Delta R.T. -0.006 min

Lab File: BF143281.D

Acq: 01 Aug 2025 14:37

Instrument :

BNA_F

ClientSampleId :

PB169087BS

Tgt Ion:127 Resp: 122027

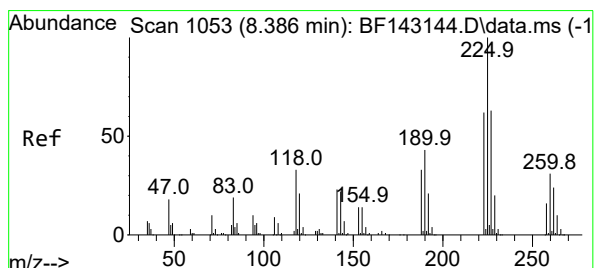
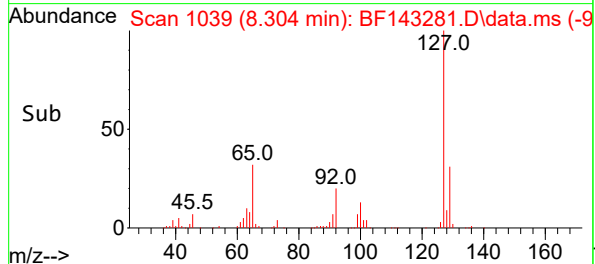
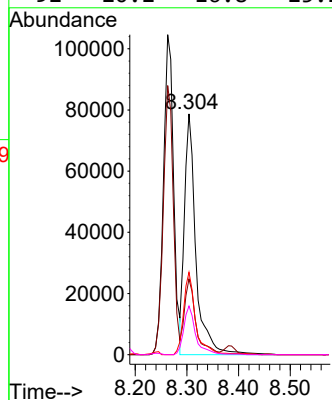
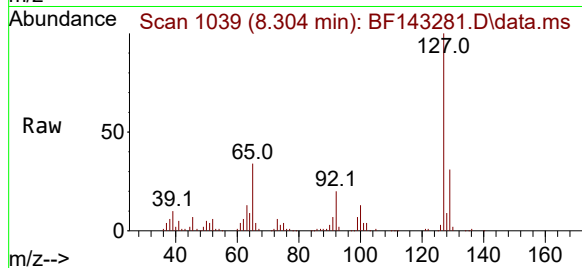
Ion Ratio Lower Upper

127 100

129 31.4 26.0 39.0

65 34.3 27.4 41.2

92 20.2 16.8 25.2



#34

Hexachlorobutadiene

Concen: 44.289 ng

RT: 8.386 min Scan# 1053

Delta R.T. -0.000 min

Lab File: BF143281.D

Acq: 01 Aug 2025 14:37

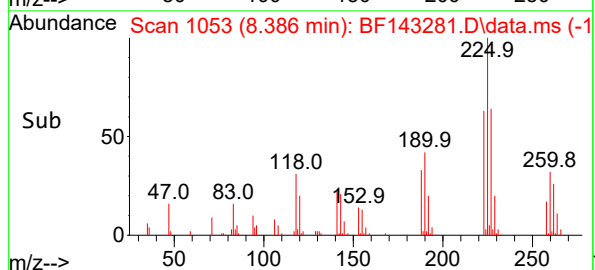
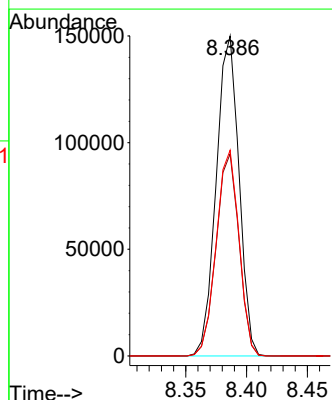
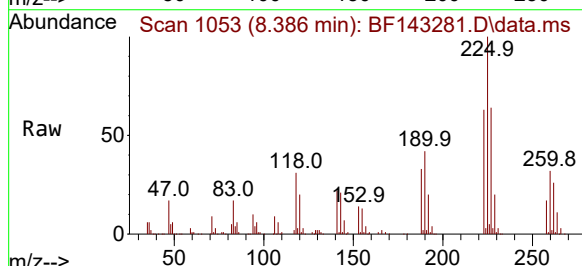
Tgt Ion:225 Resp: 195150

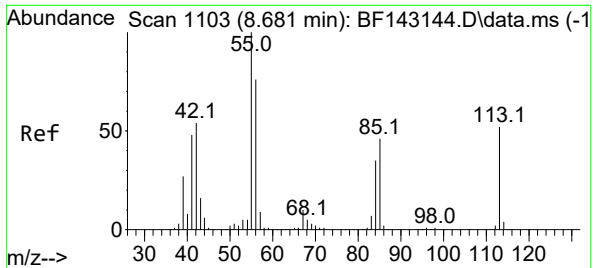
Ion Ratio Lower Upper

225 100

223 63.2 49.8 74.6

227 64.3 50.2 75.4

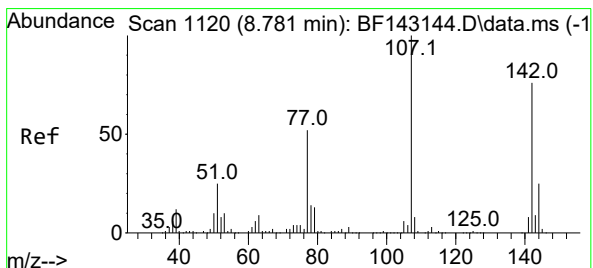
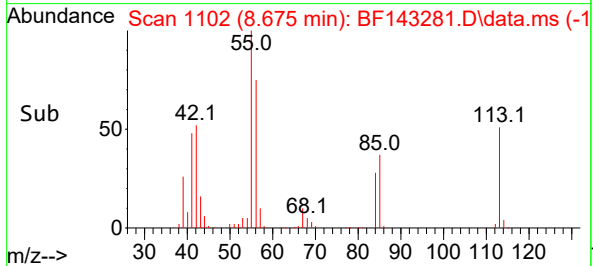
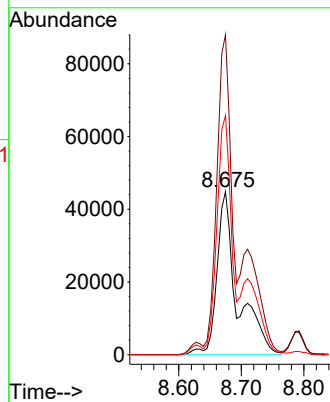
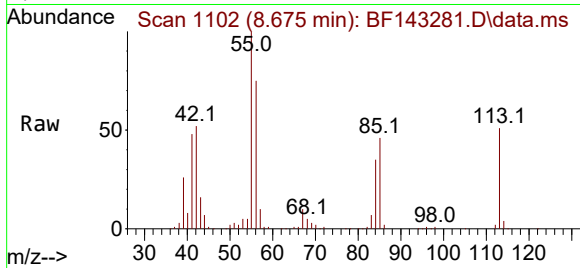




#35
 Caprolactam
 Concen: 50.389 ng m
 RT: 8.675 min Scan# 1103
 Delta R.T. -0.006 min
 Lab File: BF143281.D
 Acq: 01 Aug 2025 14:37

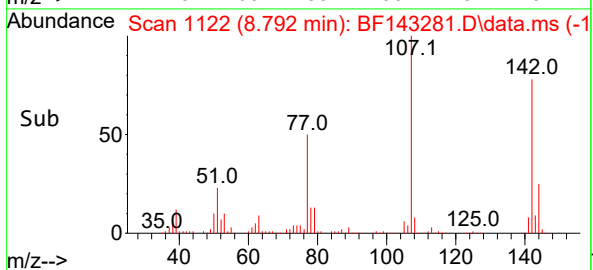
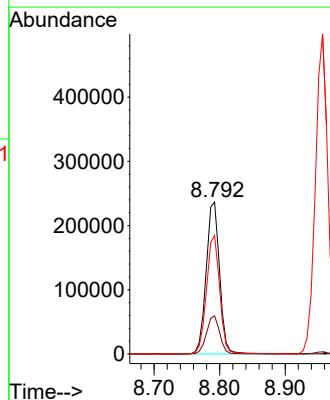
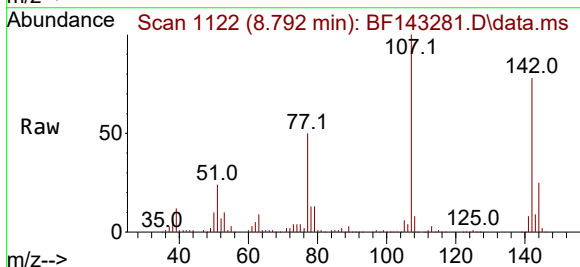
Instrument :
 BNA_F
 ClientSampleId :
 PB169087BS

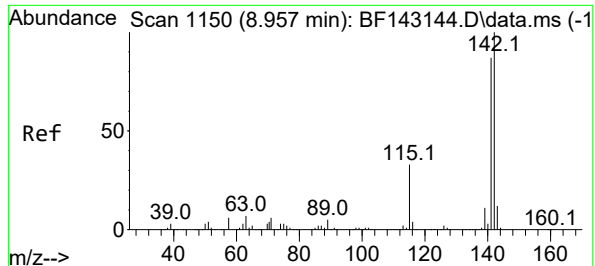
Tgt Ion:113 Resp: 101664
 Ion Ratio Lower Upper
 113 100
 55 196.5 174.0 214.0
 56 147.0 126.6 166.6



#36
 4-Chloro-3-methylphenol
 Concen: 46.521 ng
 RT: 8.792 min Scan# 1122
 Delta R.T. 0.012 min
 Lab File: BF143281.D
 Acq: 01 Aug 2025 14:37

Tgt Ion:107 Resp: 337599
 Ion Ratio Lower Upper
 107 100
 144 25.1 19.8 29.6
 142 78.0 60.6 90.8





#37

2-Methylnaphthalene

Concen: 45.253 ng

RT: 8.957 min Scan# 1150

Delta R.T. -0.000 min

Lab File: BF143281.D

Acq: 01 Aug 2025 14:37

Instrument :

BNA_F

ClientSampleId :

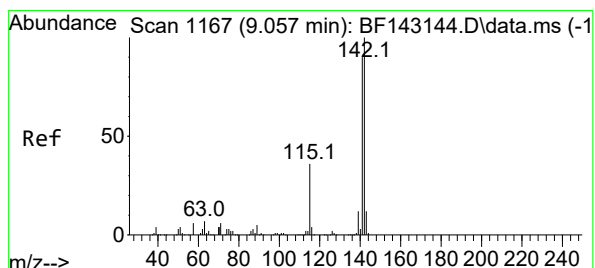
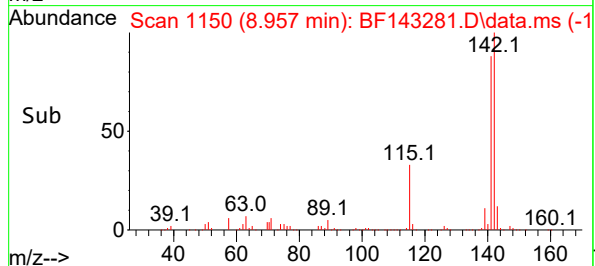
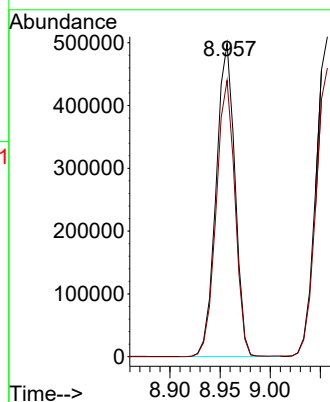
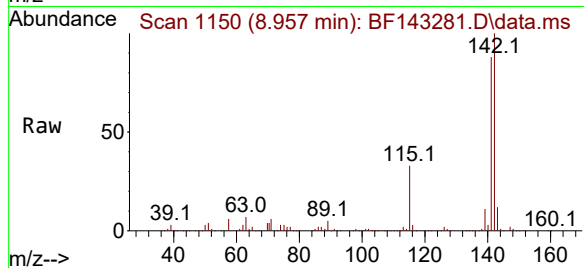
PB169087BS

Tgt Ion:142 Resp: 648907

Ion Ratio Lower Upper

142 100

141 88.3 69.9 104.9



#38

1-Methylnaphthalene

Concen: 45.299 ng

RT: 9.057 min Scan# 1167

Delta R.T. -0.000 min

Lab File: BF143281.D

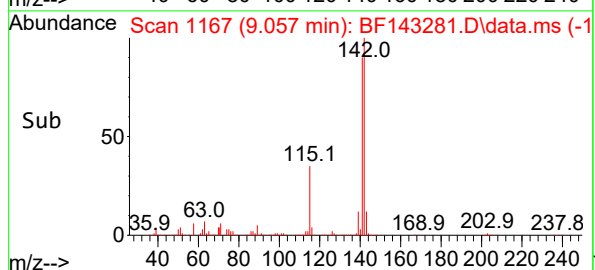
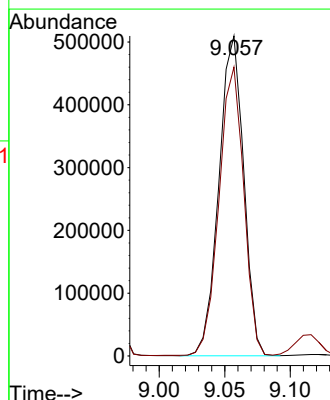
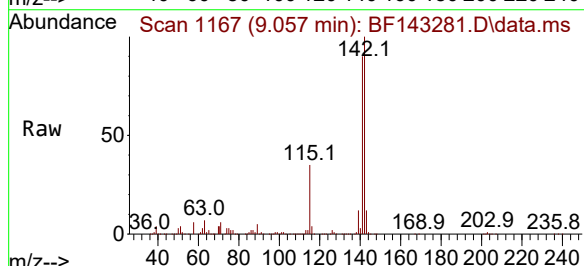
Acq: 01 Aug 2025 14:37

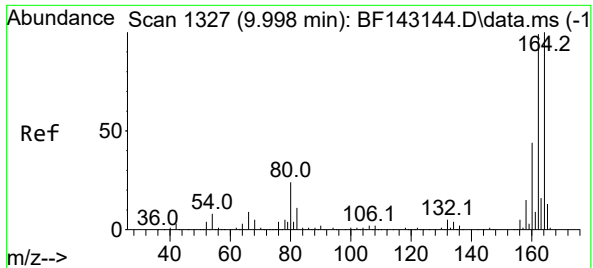
Tgt Ion:142 Resp: 668891

Ion Ratio Lower Upper

142 100

141 90.3 72.3 108.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.998 min Scan# 1179

Delta R.T. 0.000 min

Lab File: BF143281.D

Acq: 01 Aug 2025 14:37

Instrument :

BNA_F

ClientSampleId :

PB169087BS

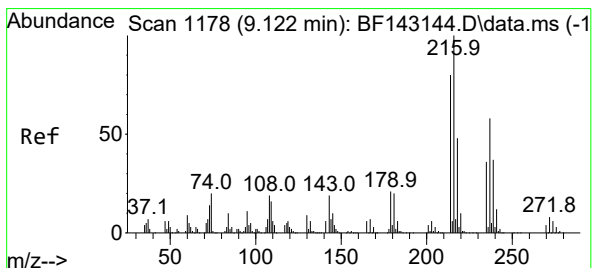
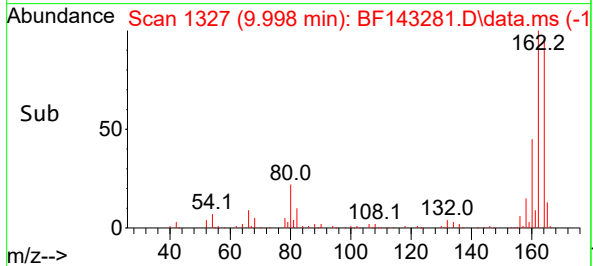
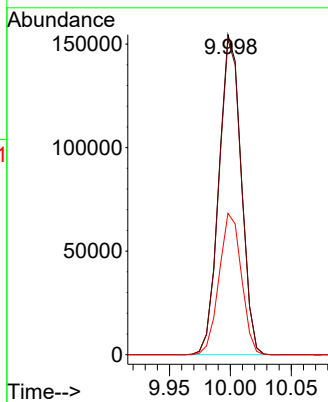
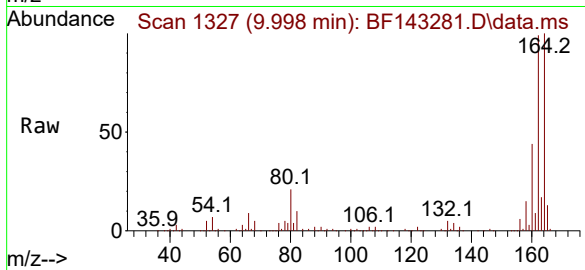
Tgt Ion:164 Resp: 196679

Ion Ratio Lower Upper

164 100

162 98.5 79.0 118.6

160 44.2 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 54.386 ng

RT: 9.128 min Scan# 1179

Delta R.T. 0.006 min

Lab File: BF143281.D

Acq: 01 Aug 2025 14:37

Tgt Ion:216 Resp: 308822

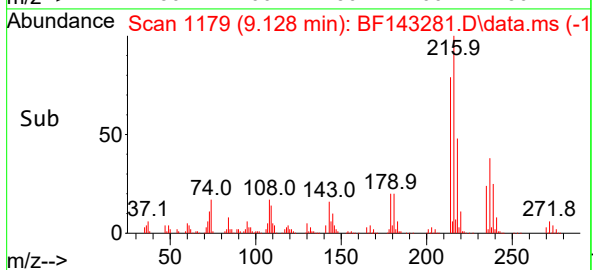
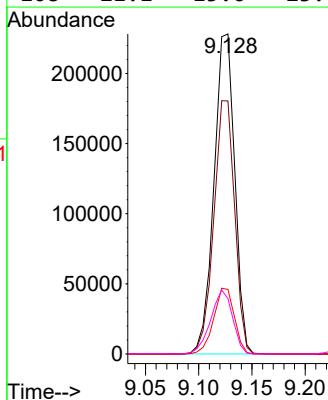
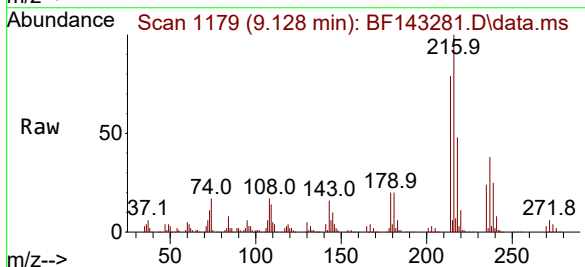
Ion Ratio Lower Upper

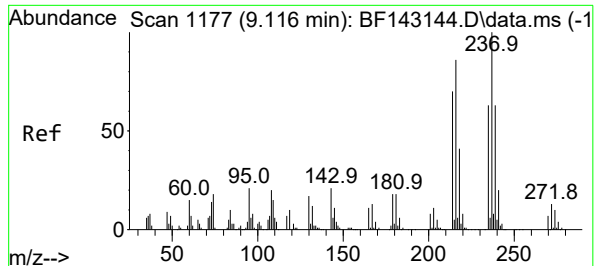
216 100

214 79.4 63.8 95.8

179 20.5 16.4 24.6

108 21.1 15.6 23.4





#41

Hexachlorocyclopentadiene

Concen: 105.377 ng

RT: 9.116 min Scan# 1177

Delta R.T. -0.000 min

Lab File: BF143281.D

Acq: 01 Aug 2025 14:37

Instrument :

BNA_F

ClientSampleId :

PB169087BS

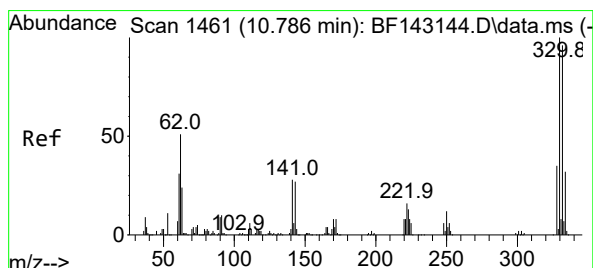
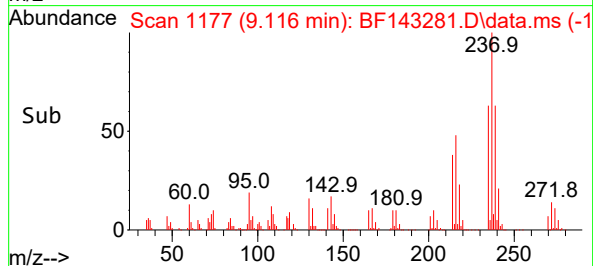
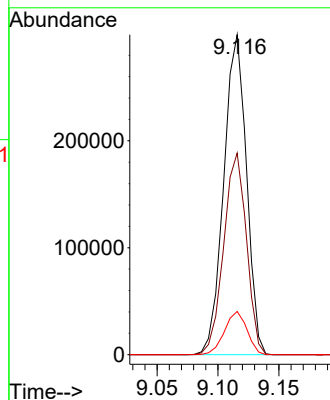
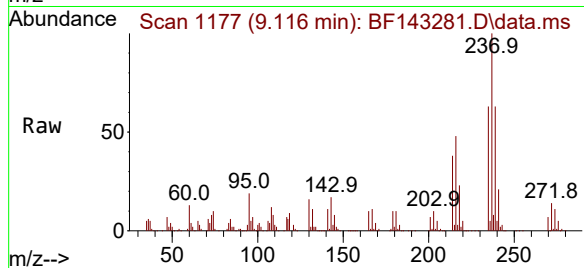
Tgt Ion:237 Resp: 389339

Ion Ratio Lower Upper

237 100

235 63.0 43.0 83.0

272 13.5 0.0 33.3



#42

2,4,6-Tribromophenol

Concen: 137.688 ng

RT: 10.792 min Scan# 1462

Delta R.T. 0.006 min

Lab File: BF143281.D

Acq: 01 Aug 2025 14:37

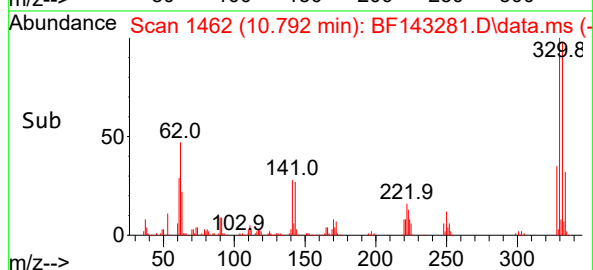
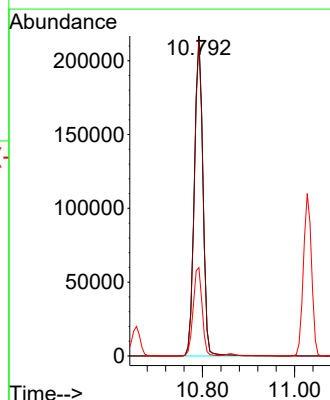
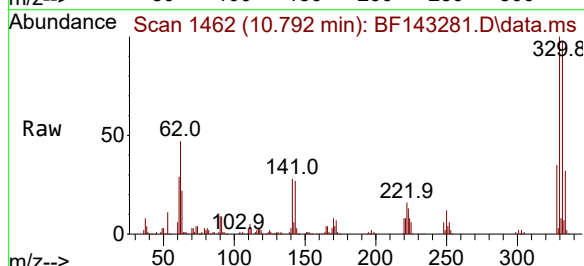
Tgt Ion:330 Resp: 279755

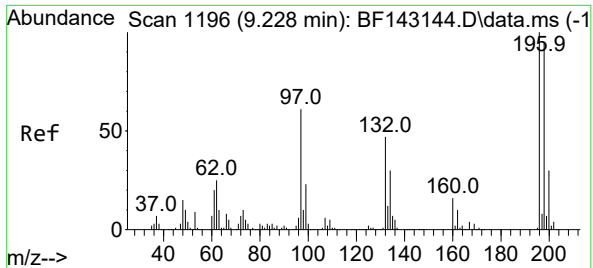
Ion Ratio Lower Upper

330 100

332 98.0 76.7 115.1

141 28.7 23.3 34.9





#43

2,4,6-Trichlorophenol

Concen: 49.476 ng

RT: 9.233 min Scan# 1196

Delta R.T. 0.006 min

Lab File: BF143281.D

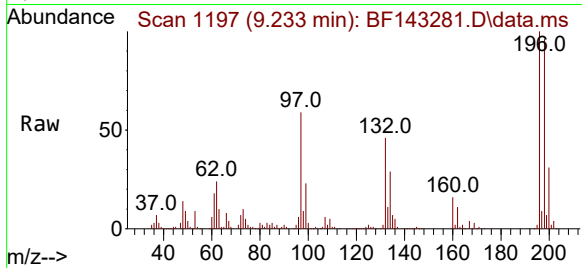
Acq: 01 Aug 2025 14:37

Instrument :

BNA_F

ClientSampleId :

PB169087BS



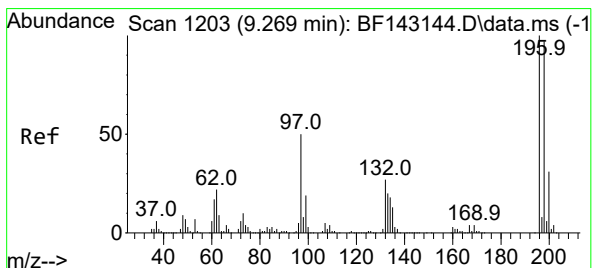
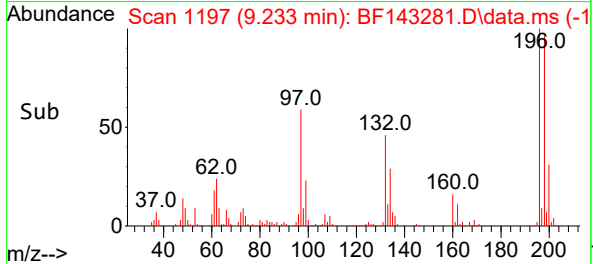
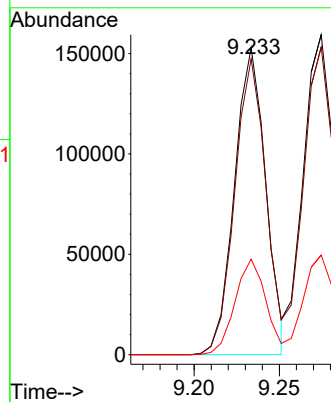
Tgt Ion:196 Resp: 194434

Ion Ratio Lower Upper

196 100

198 96.3 76.2 114.2

200 31.1 23.9 35.9



#44

2,4,5-Trichlorophenol

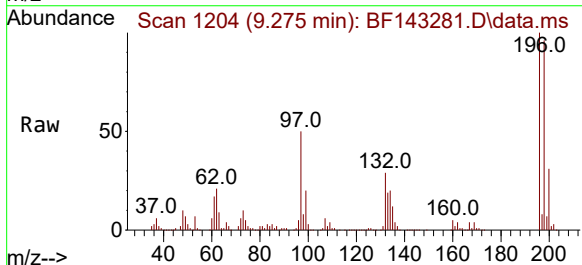
Concen: 53.255 ng

RT: 9.275 min Scan# 1204

Delta R.T. 0.006 min

Lab File: BF143281.D

Acq: 01 Aug 2025 14:37



Tgt Ion:196 Resp: 209348

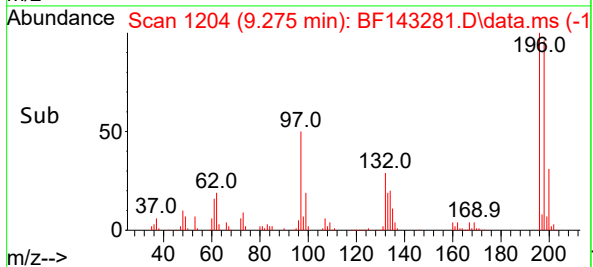
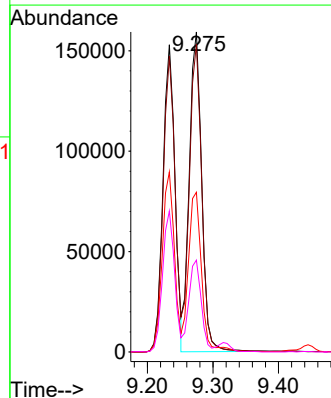
Ion Ratio Lower Upper

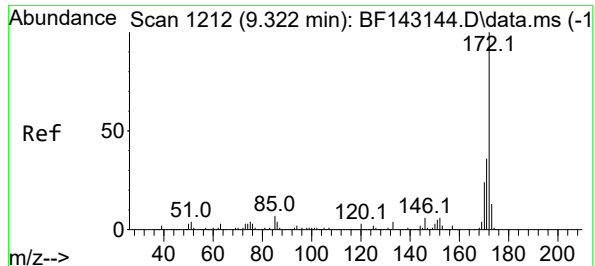
196 100

198 96.1 77.3 115.9

97 49.9 40.3 60.5

132 28.7 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 82.798 ng

RT: 9.316 min Scan# 1211

Delta R.T. -0.006 min

Lab File: BF143281.D

Acq: 01 Aug 2025 14:37

Instrument :

BNA_F

ClientSampleId :

PB169087BS

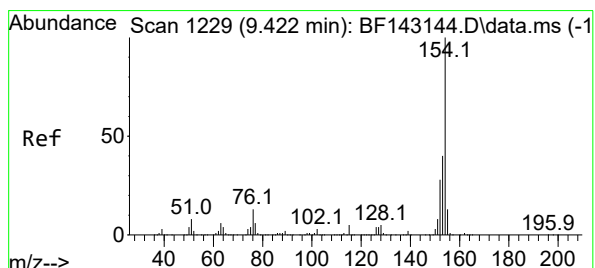
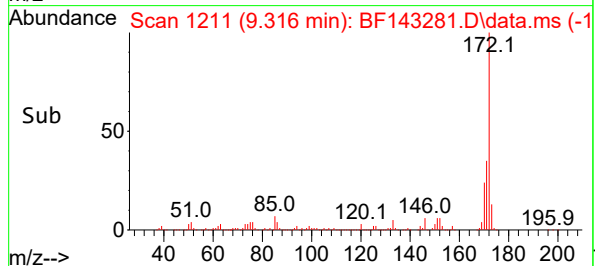
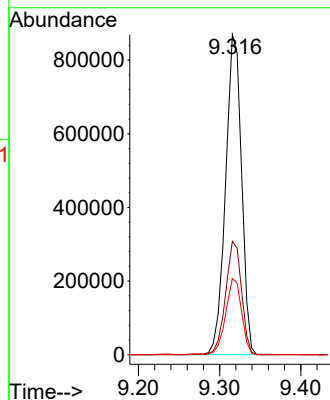
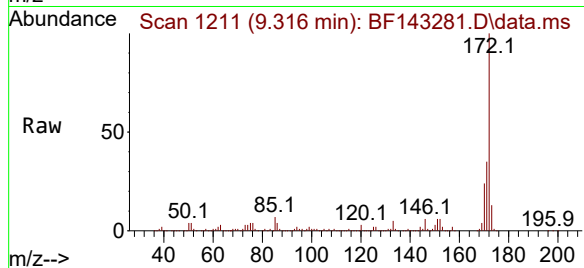
Tgt Ion:172 Resp: 1190719

Ion Ratio Lower Upper

172 100

171 35.5 28.6 42.8

170 23.8 18.8 28.2



#46

1,1'-Biphenyl

Concen: 45.345 ng

RT: 9.422 min Scan# 1229

Delta R.T. -0.000 min

Lab File: BF143281.D

Acq: 01 Aug 2025 14:37

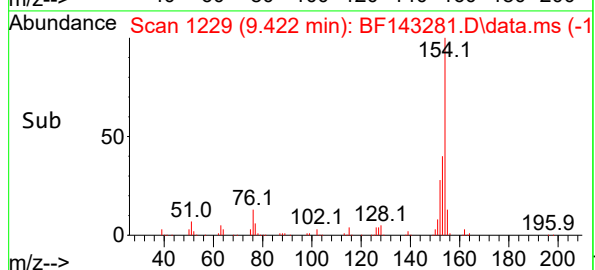
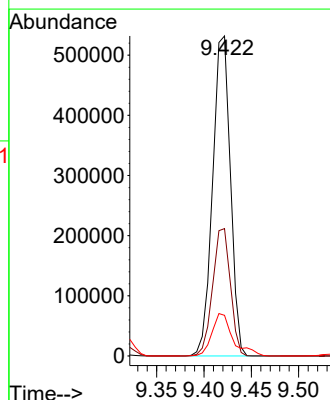
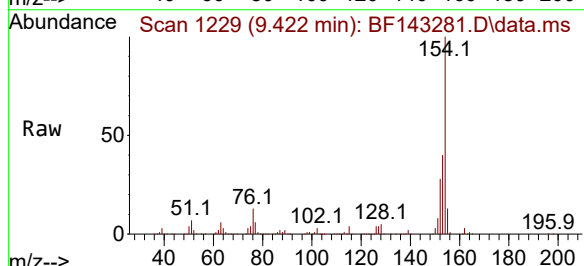
Tgt Ion:154 Resp: 695805

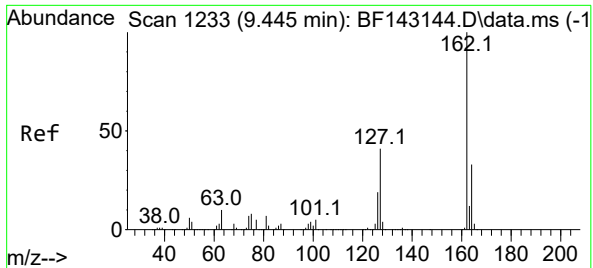
Ion Ratio Lower Upper

154 100

153 39.8 20.3 60.3

76 12.7 0.0 33.3





#47

2-Chloronaphthalene

Concen: 44.926 ng

RT: 9.445 min Scan# 1233

Delta R.T. -0.000 min

Lab File: BF143281.D

Acq: 01 Aug 2025 14:37

Instrument :

BNA_F

ClientSampleId :

PB169087BS

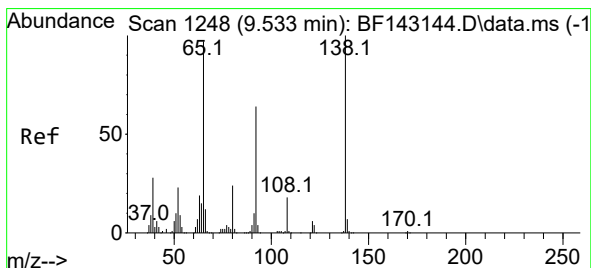
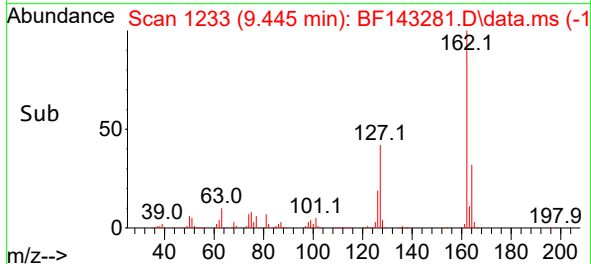
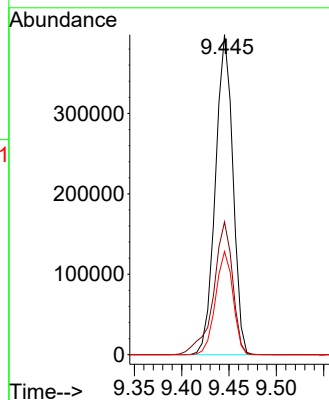
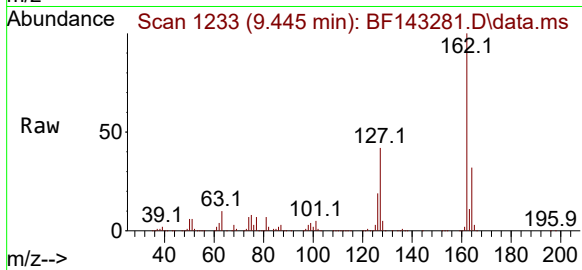
Tgt Ion:162 Resp: 510087

Ion Ratio Lower Upper

162 100

127 41.5 33.4 50.2

164 32.2 26.2 39.2



#48

2-Nitroaniline

Concen: 48.390 ng

RT: 9.533 min Scan# 1248

Delta R.T. -0.000 min

Lab File: BF143281.D

Acq: 01 Aug 2025 14:37

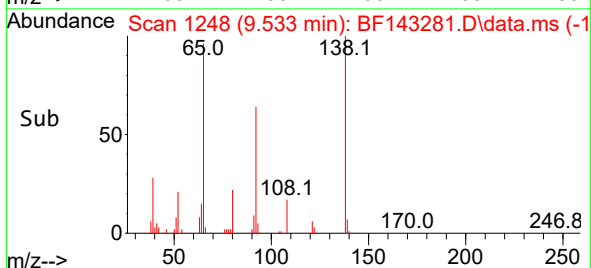
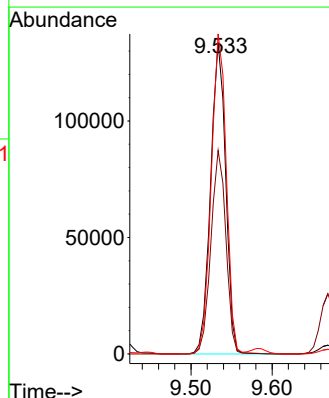
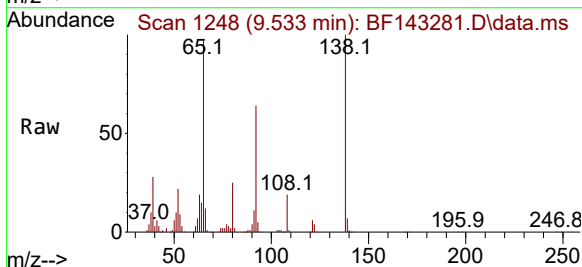
Tgt Ion: 65 Resp: 172299

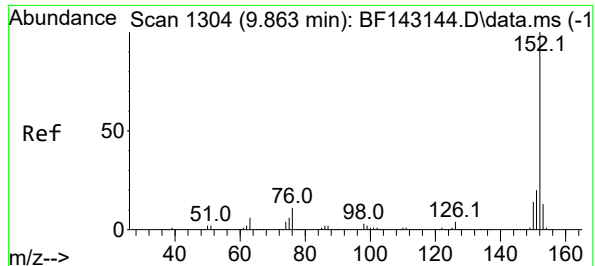
Ion Ratio Lower Upper

65 100

92 65.4 52.4 78.6

138 102.8 82.3 123.5





#49

Acenaphthylene

Concen: 45.433 ng

RT: 9.863 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF143281.D

Acq: 01 Aug 2025 14:37

Instrument :

BNA_F

ClientSampleId :

PB169087BS

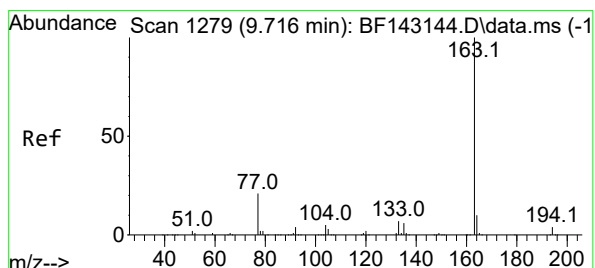
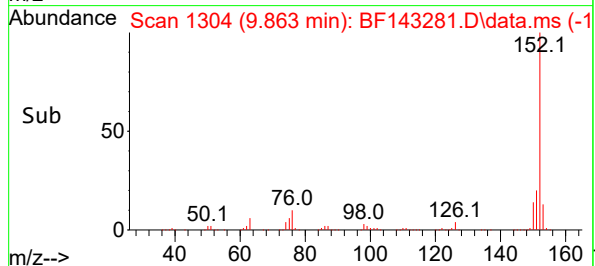
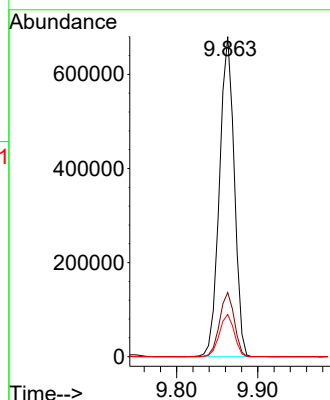
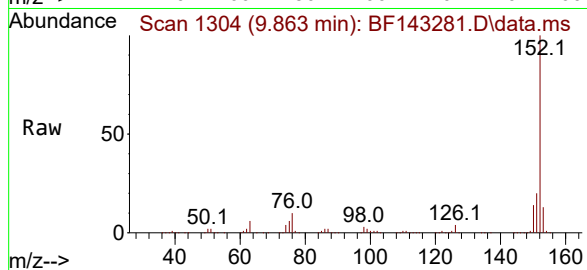
Tgt Ion:152 Resp: 864483

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.2

153 13.2 10.6 16.0



#50

Dimethylphthalate

Concen: 47.120 ng

RT: 9.716 min Scan# 1279

Delta R.T. -0.000 min

Lab File: BF143281.D

Acq: 01 Aug 2025 14:37

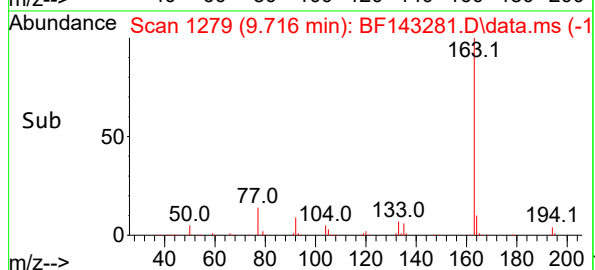
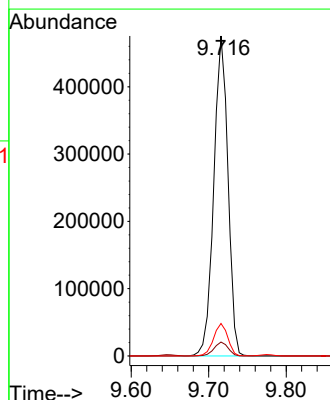
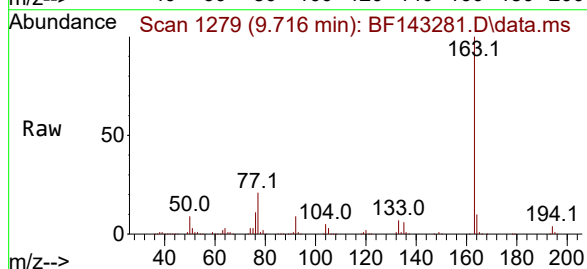
Tgt Ion:163 Resp: 604078

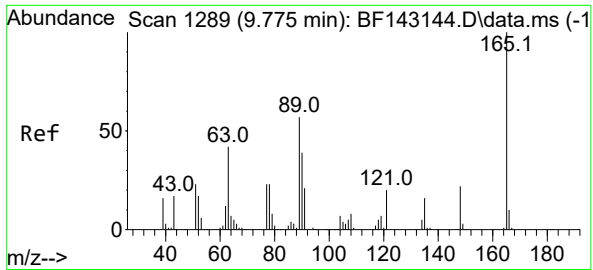
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

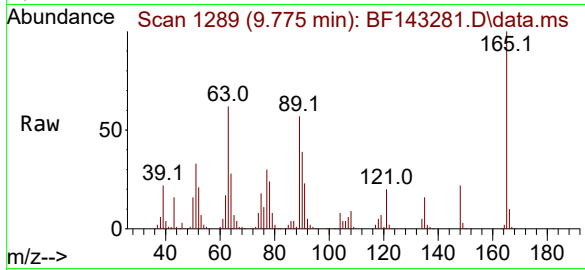
164 10.2 8.3 12.5



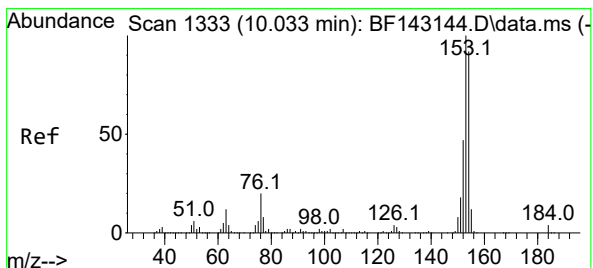
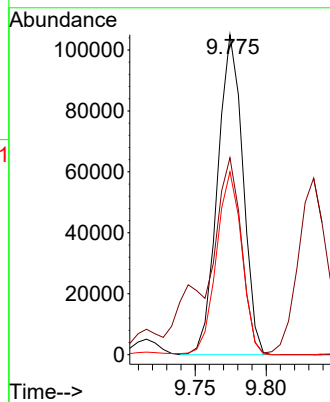
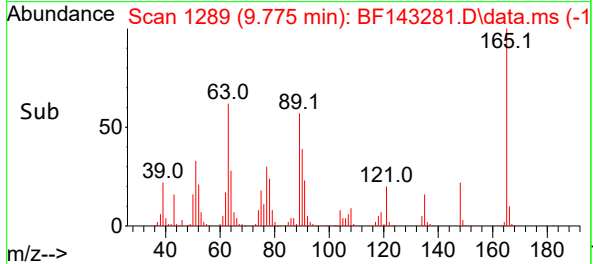


#51
2,6-Dinitrotoluene
Concen: 49.852 ng
RT: 9.775 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BF143281.D
Acq: 01 Aug 2025 14:37

Instrument :
BNA_F
ClientSampleId :
PB169087BS

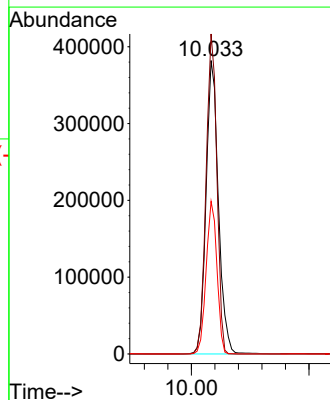
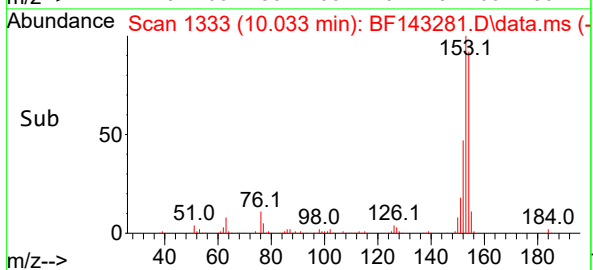
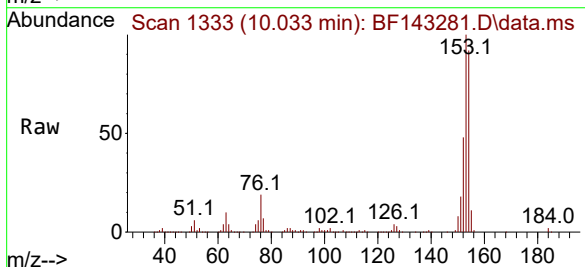


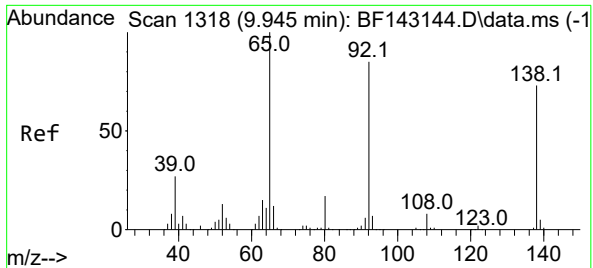
Tgt Ion:165 Resp: 130014
Ion Ratio Lower Upper
165 100
63 61.6 49.4 74.2
89 57.1 46.2 69.2



#52
Acenaphthene
Concen: 49.392 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF143281.D
Acq: 01 Aug 2025 14:37

Tgt Ion:154 Resp: 555470
Ion Ratio Lower Upper
154 100
153 109.0 86.6 129.8
152 52.0 40.4 60.6

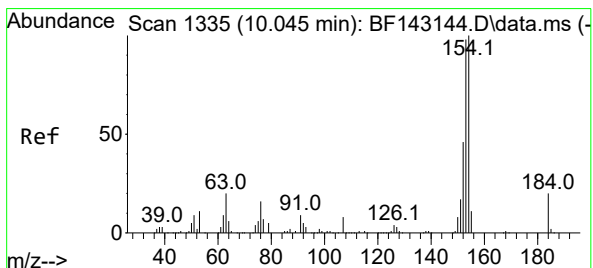
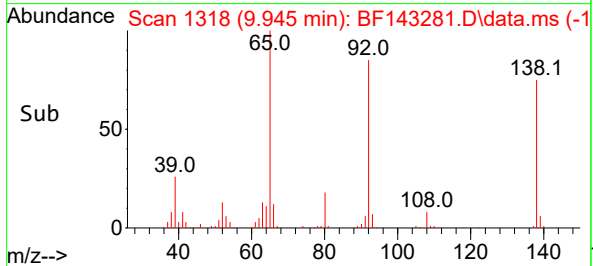
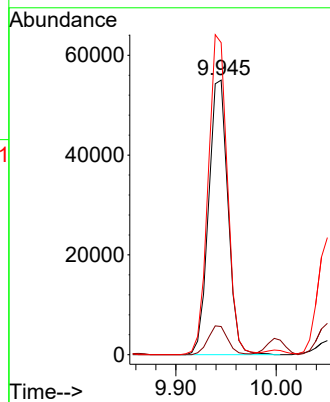
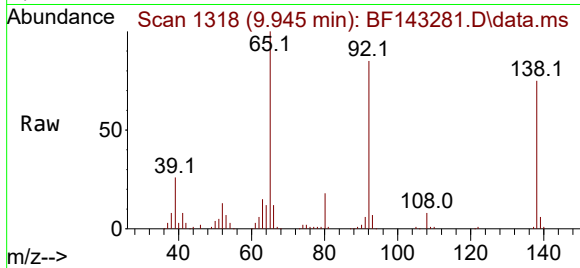




#53
3-Nitroaniline
Concen: 24.137 ng
RT: 9.945 min Scan# 1318
Delta R.T. -0.000 min
Lab File: BF143281.D
Acq: 01 Aug 2025 14:37

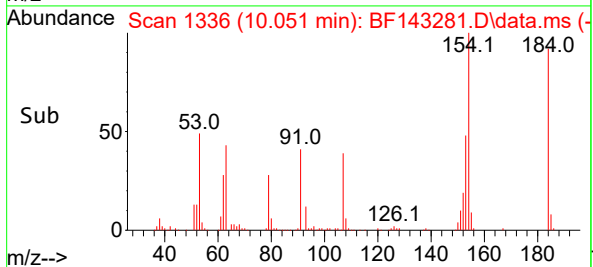
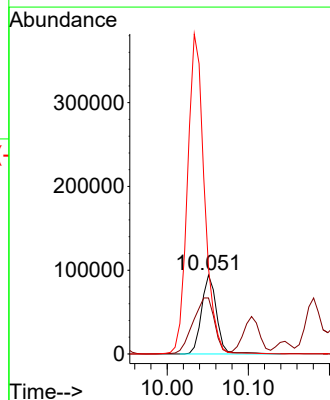
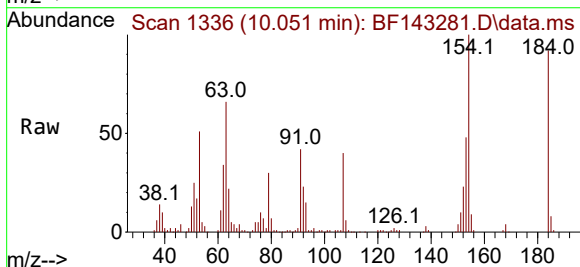
Instrument :
BNA_F
ClientSampleId :
PB169087BS

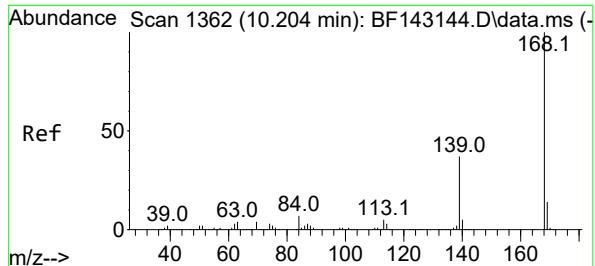
Tgt Ion:138 Resp: 73630
Ion Ratio Lower Upper
138 100
108 10.3 9.0 13.6
92 113.6 93.0 139.4



#54
2,4-Dinitrophenol
Concen: 100.966 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF143281.D
Acq: 01 Aug 2025 14:37

Tgt Ion:184 Resp: 121594
Ion Ratio Lower Upper
184 100
63 71.0 81.8 122.6#
154 108.2 412.2 618.4#





#55

Dibenzofuran

Concen: 44.767 ng

RT: 10.204 min Scan# 1362

Delta R.T. -0.000 min

Lab File: BF143281.D

Acq: 01 Aug 2025 14:37

Instrument :

BNA_F

ClientSampleId :

PB169087BS

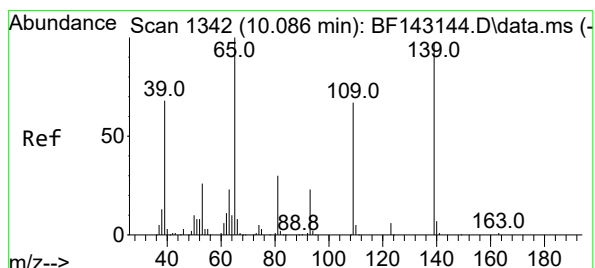
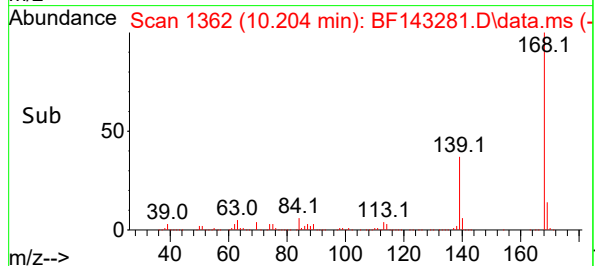
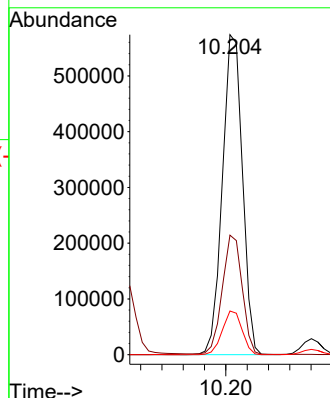
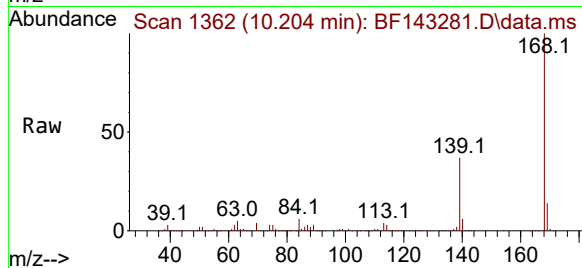
Tgt Ion:168 Resp: 747478

Ion Ratio Lower Upper

168 100

139 37.3 29.5 44.3

169 13.6 10.9 16.3



#56

4-Nitrophenol

Concen: 87.654 ng

RT: 10.104 min Scan# 1345

Delta R.T. 0.018 min

Lab File: BF143281.D

Acq: 01 Aug 2025 14:37

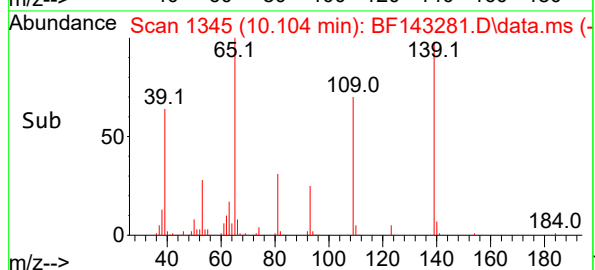
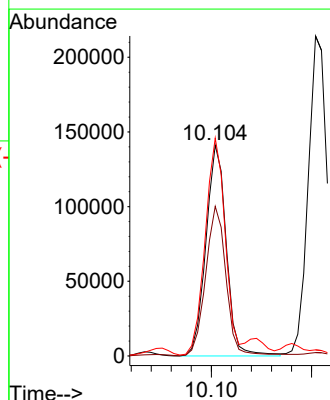
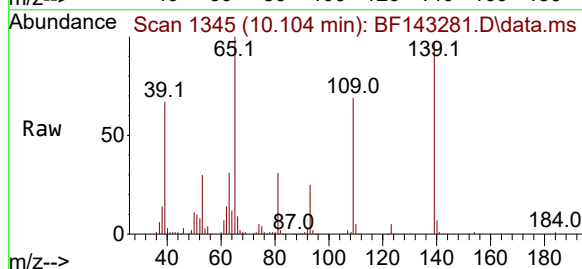
Tgt Ion:139 Resp: 199667

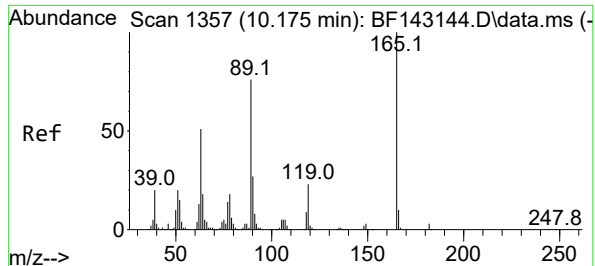
Ion Ratio Lower Upper

139 100

109 70.9 48.5 88.5

65 103.3 83.4 123.4

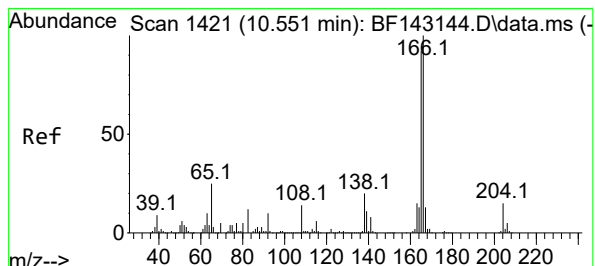
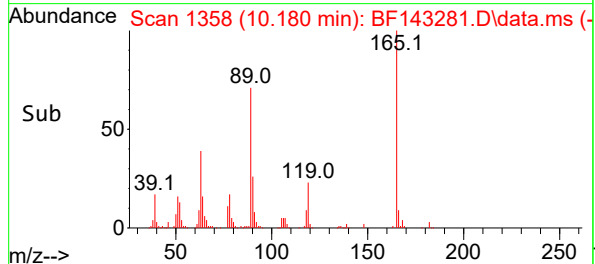
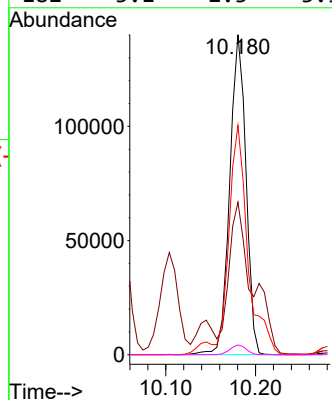
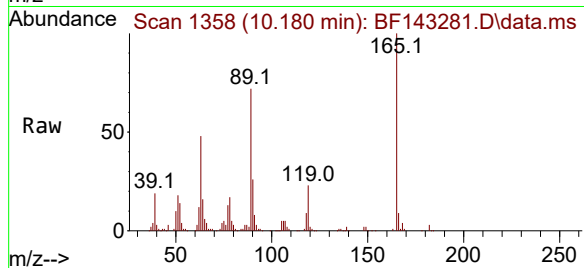




#57
2,4-Dinitrotoluene
Concen: 53.697 ng
RT: 10.180 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143281.D
Acq: 01 Aug 2025 14:37

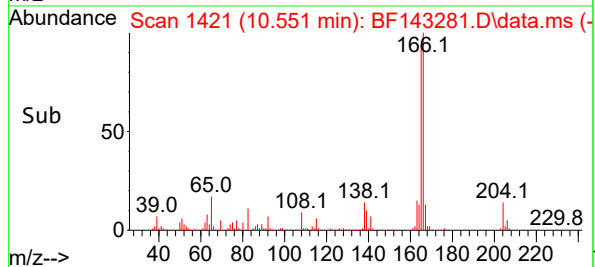
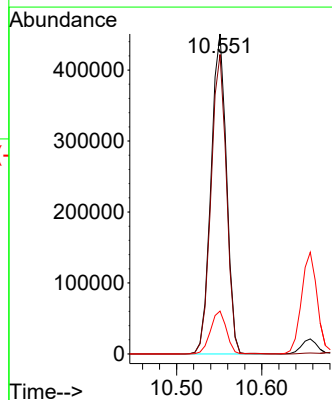
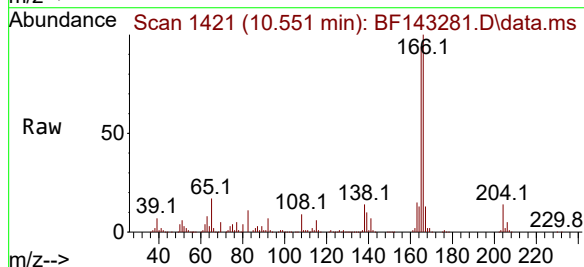
Instrument :
BNA_F
ClientSampleId :
PB169087BS

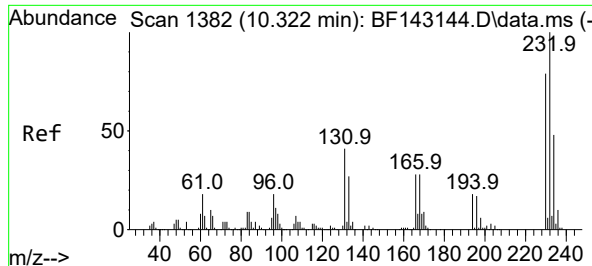
Tgt Ion:165 Resp: 175695
Ion Ratio Lower Upper
165 100
63 47.6 41.0 61.4
89 71.7 61.1 91.7
182 3.1 2.3 3.5



#58
Fluorene
Concen: 45.504 ng
RT: 10.551 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF143281.D
Acq: 01 Aug 2025 14:37

Tgt Ion:166 Resp: 570237
Ion Ratio Lower Upper
166 100
165 93.6 73.7 110.5
167 13.4 10.6 16.0

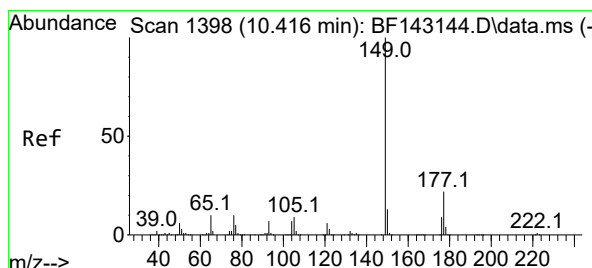
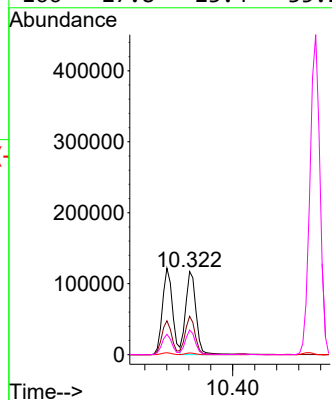
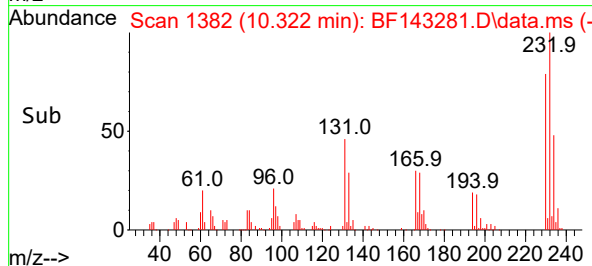
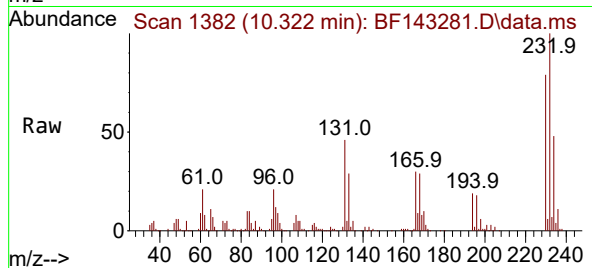




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.190 ng
RT: 10.322 min Scan# 1382
Delta R.T. -0.000 min
Lab File: BF143281.D
Acq: 01 Aug 2025 14:37

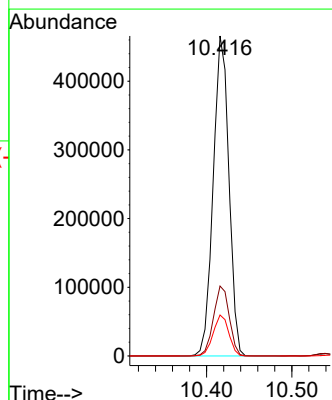
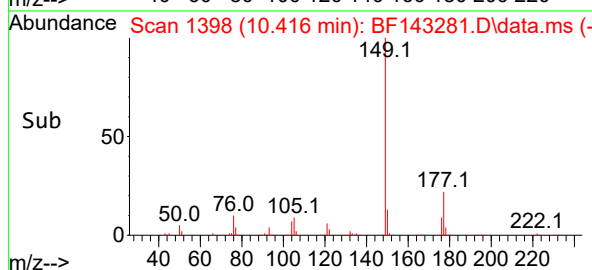
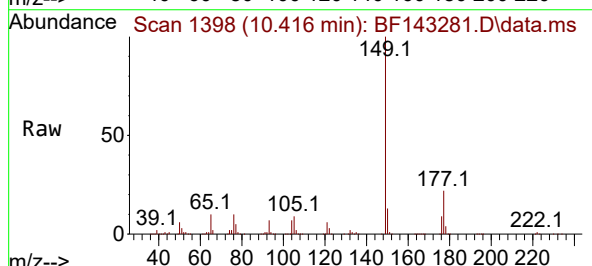
Instrument :
BNA_F
ClientSampleId :
PB169087BS

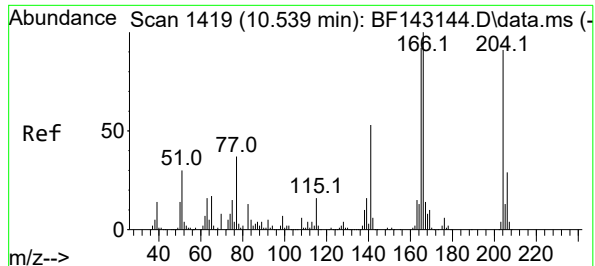
Tgt Ion:232 Resp: 153666
Ion Ratio Lower Upper
232 100
131 45.9 35.3 52.9
130 2.0 1.7 2.5
166 27.8 23.4 35.2



#60
Diethylphthalate
Concen: 47.165 ng
RT: 10.416 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BF143281.D
Acq: 01 Aug 2025 14:37

Tgt Ion:149 Resp: 597644
Ion Ratio Lower Upper
149 100
177 21.9 17.5 26.3
150 12.8 10.2 15.2

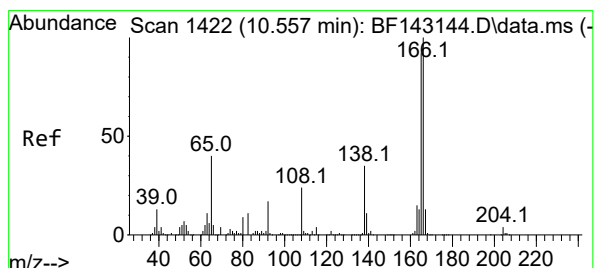
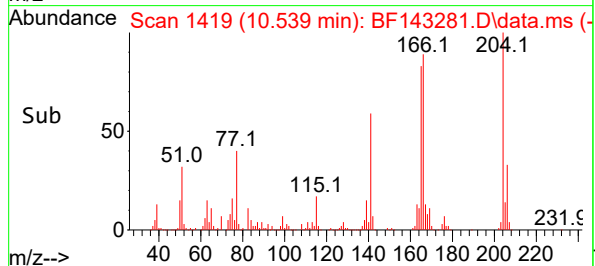
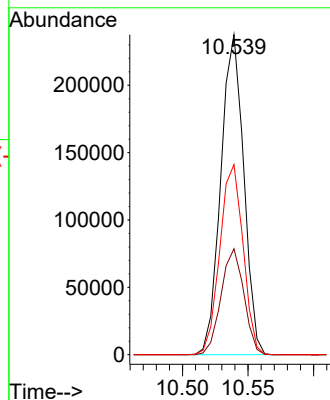
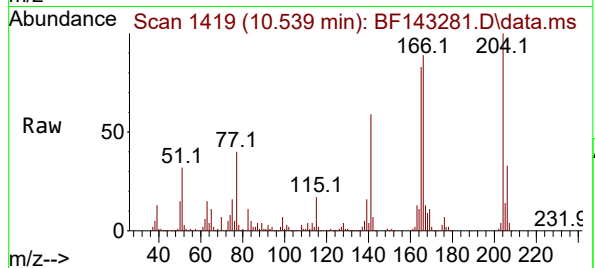




#61
4-Chlorophenyl-phenylether
Concen: 46.208 ng
RT: 10.539 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BF143281.D
Acq: 01 Aug 2025 14:37

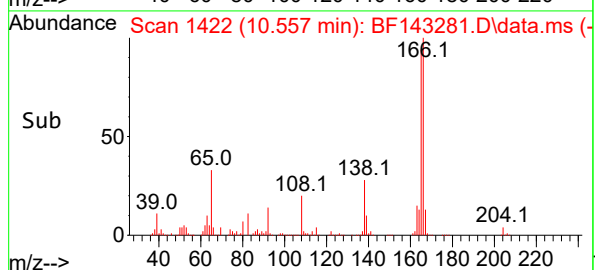
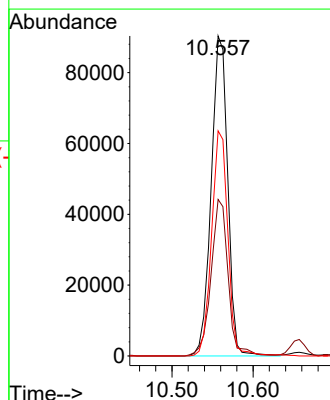
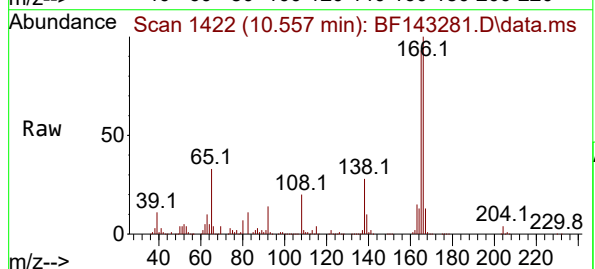
Instrument :
BNA_F
ClientSampleId :
PB169087BS

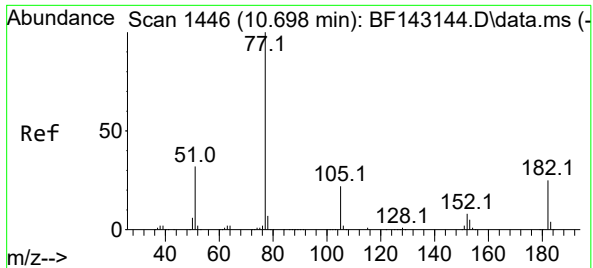
Tgt Ion:204 Resp: 288333
Ion Ratio Lower Upper
204 100
206 33.1 25.8 38.8
141 59.4 47.0 70.4



#62
4-Nitroaniline
Concen: 48.788 ng
RT: 10.557 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF143281.D
Acq: 01 Aug 2025 14:37

Tgt Ion:138 Resp: 127551
Ion Ratio Lower Upper
138 100
92 48.9 29.3 69.3
108 70.4 48.3 88.3

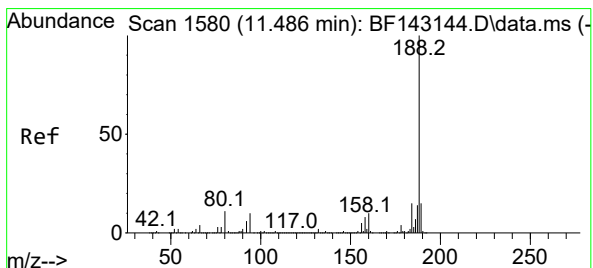
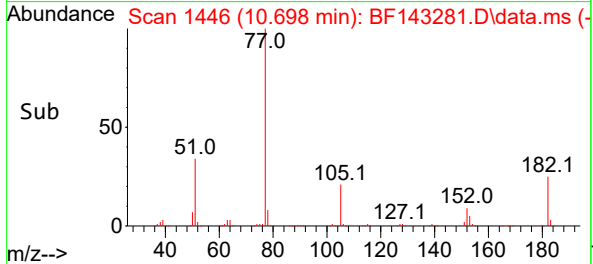
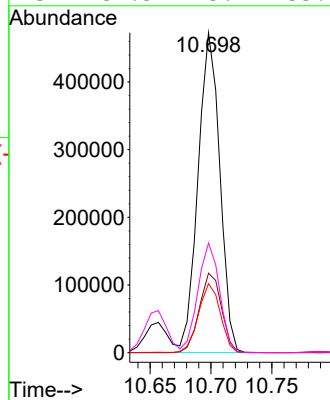
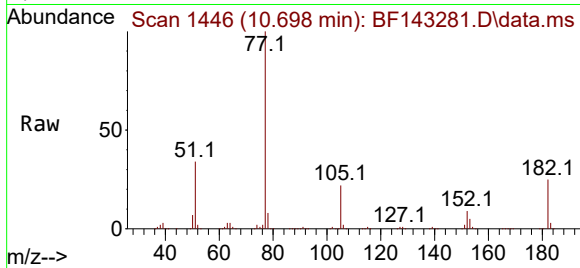




#63
Azobenzene
Concen: 44.437 ng
RT: 10.698 min Scan# 1446
Delta R.T. -0.000 min
Lab File: BF143281.D
Acq: 01 Aug 2025 14:37

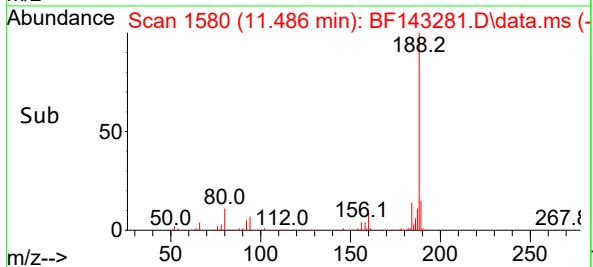
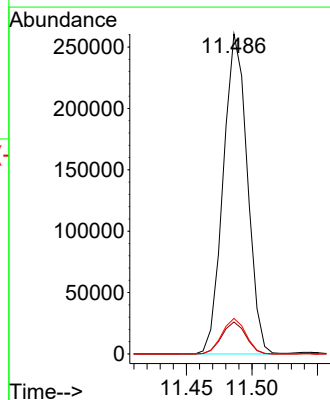
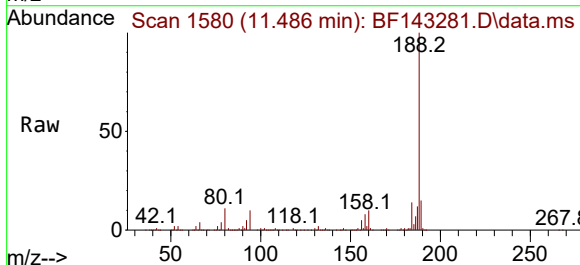
Instrument :
BNA_F
ClientSampleId :
PB169087BS

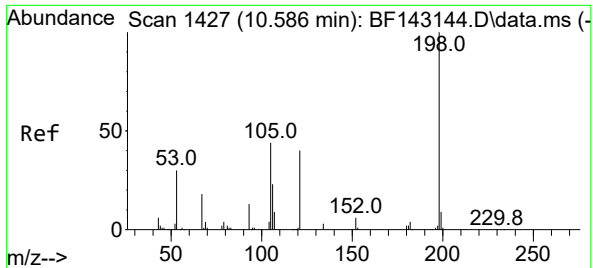
Tgt Ion: 77 Resp: 586851
Ion Ratio Lower Upper
77 100
182 24.9 4.6 44.6
105 21.5 1.4 41.4
51 34.3 13.7 53.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF143281.D
Acq: 01 Aug 2025 14:37

Tgt Ion: 188 Resp: 332732
Ion Ratio Lower Upper
188 100
94 10.0 8.3 12.5
80 11.1 9.0 13.6

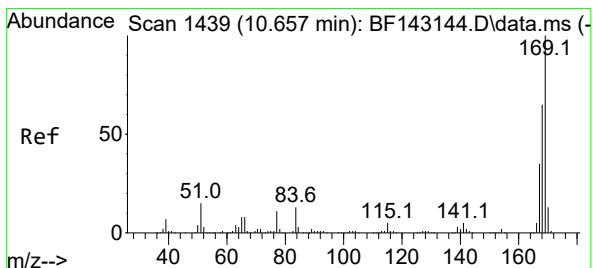
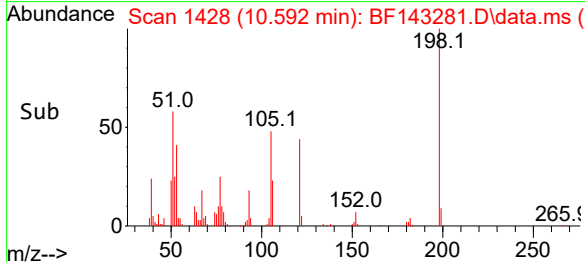
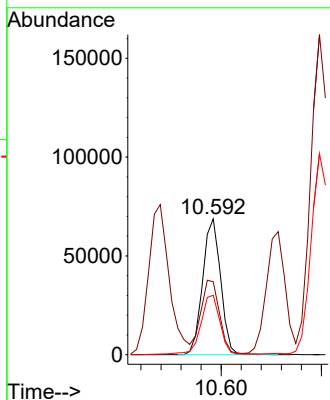
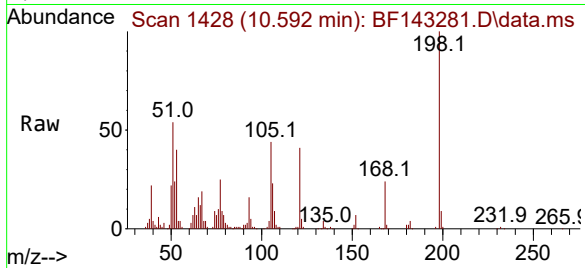




#65
4,6-Dinitro-2-methylphenol
Concen: 49.044 ng
RT: 10.592 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF143281.D
Acq: 01 Aug 2025 14:37

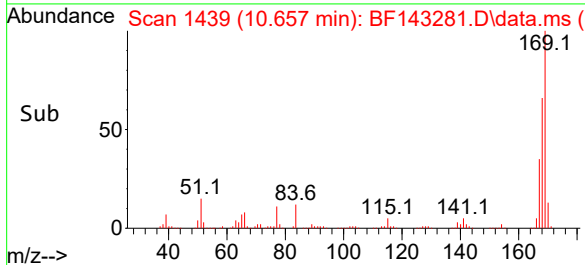
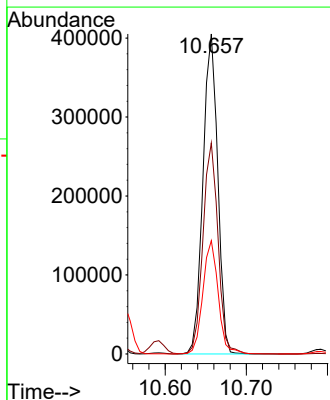
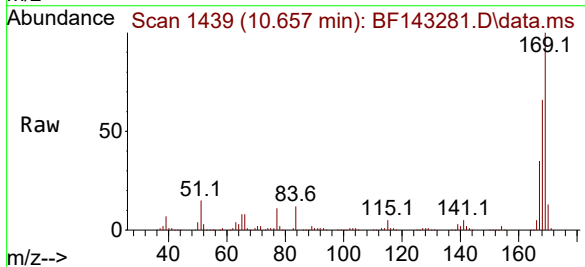
Instrument :
BNA_F
ClientSampleId :
PB169087BS

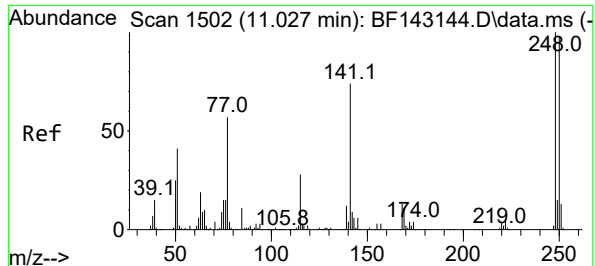
Tgt Ion	Ratio	Lower	Upper
198	100		
51	53.8	37.2	77.2
105	43.7	24.8	64.8



#66
n-Nitrosodiphenylamine
Concen: 43.608 ng
RT: 10.657 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BF143281.D
Acq: 01 Aug 2025 14:37

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.0	52.1	78.1
167	35.4	28.2	42.2

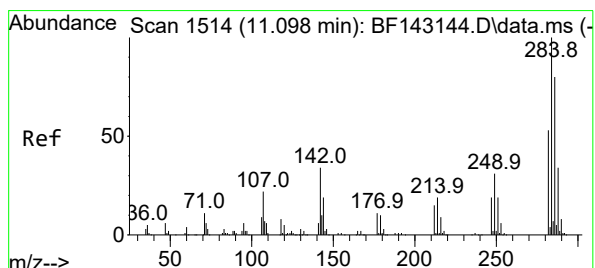
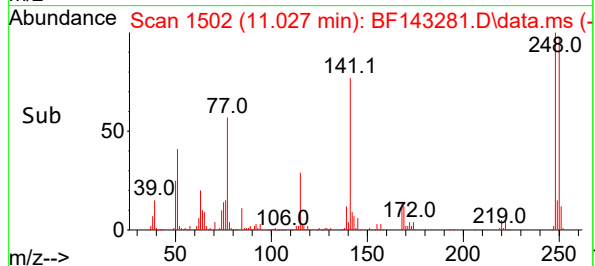
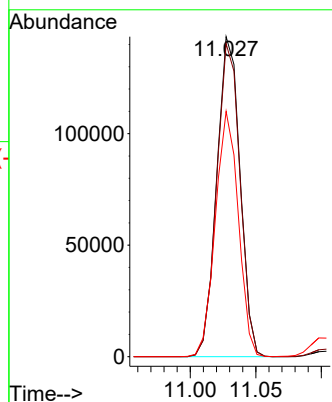
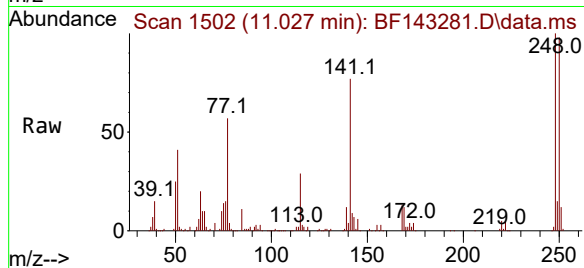




#67
4-Bromophenyl-phenylether
Concen: 44.764 ng
RT: 11.027 min Scan# 1502
Delta R.T. -0.000 min
Lab File: BF143281.D
Acq: 01 Aug 2025 14:37

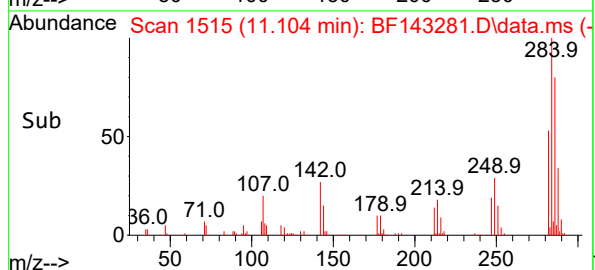
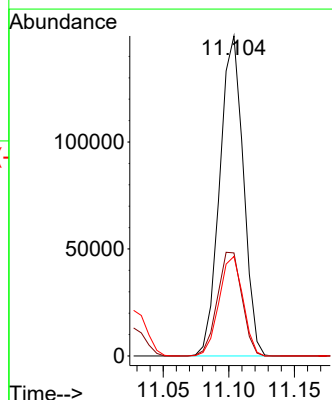
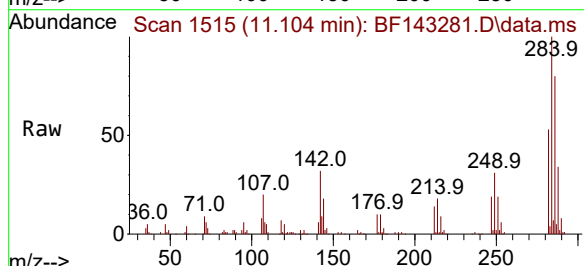
Instrument :
BNA_F
ClientSampleId :
PB169087BS

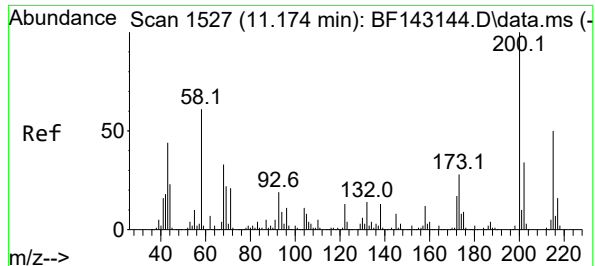
Tgt Ion:248 Resp: 177500
Ion Ratio Lower Upper
248 100
250 97.8 78.3 117.5
141 76.7 59.2 88.8



#68
Hexachlorobenzene
Concen: 45.137 ng
RT: 11.104 min Scan# 1515
Delta R.T. 0.006 min
Lab File: BF143281.D
Acq: 01 Aug 2025 14:37

Tgt Ion:284 Resp: 187073
Ion Ratio Lower Upper
284 100
142 32.2 27.0 40.6
249 31.1 25.0 37.6





#69

Atrazine

Concen: 48.744 ng

RT: 11.180 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF143281.D

Acq: 01 Aug 2025 14:37

Instrument :

BNA_F

ClientSampleId :

PB169087BS

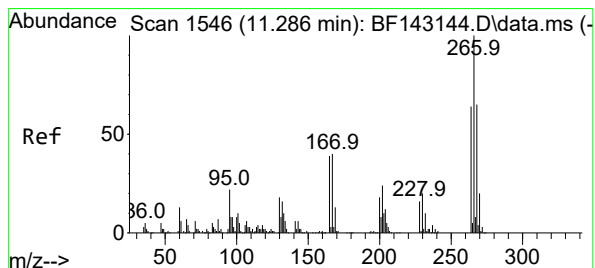
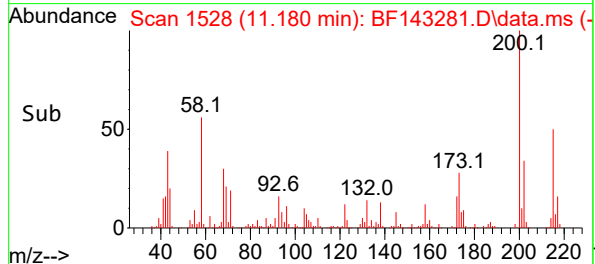
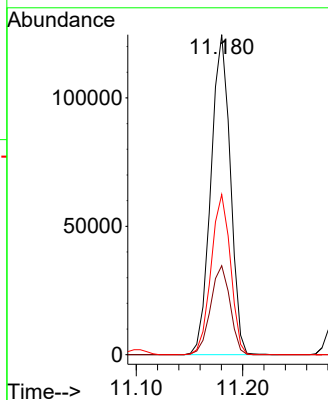
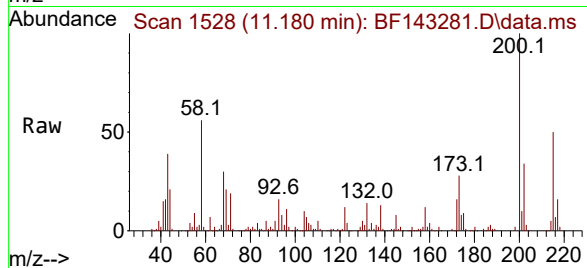
Tgt Ion:200 Resp: 157449

Ion Ratio Lower Upper

200 100

173 27.8 7.9 47.9

215 50.1 30.1 70.1



#70

Pentachlorophenol

Concen: 85.462 ng

RT: 11.292 min Scan# 1547

Delta R.T. 0.006 min

Lab File: BF143281.D

Acq: 01 Aug 2025 14:37

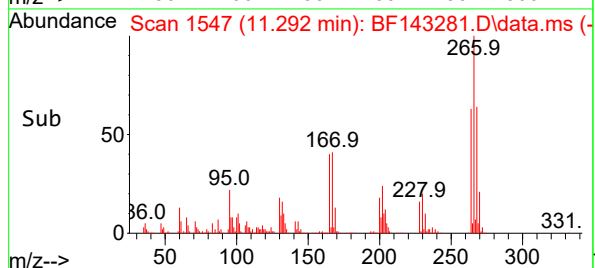
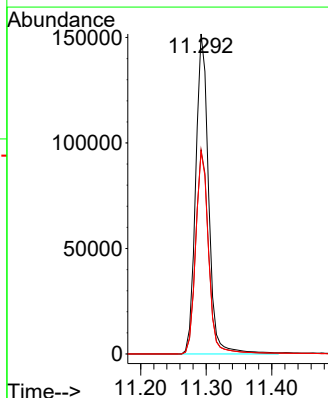
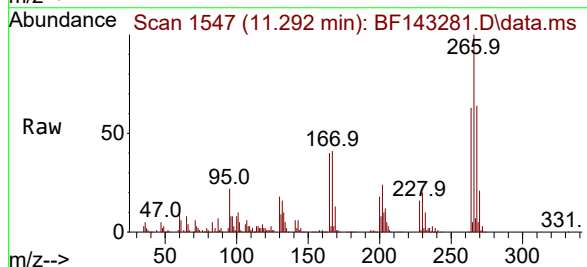
Tgt Ion:266 Resp: 208299

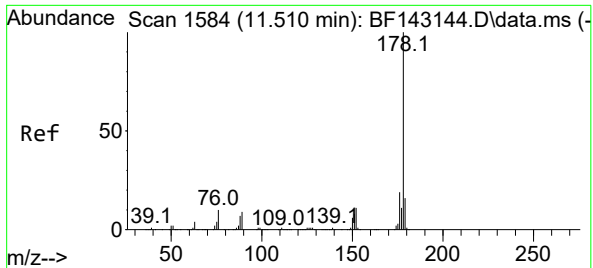
Ion Ratio Lower Upper

266 100

268 63.8 51.9 77.9

264 63.2 51.0 76.6

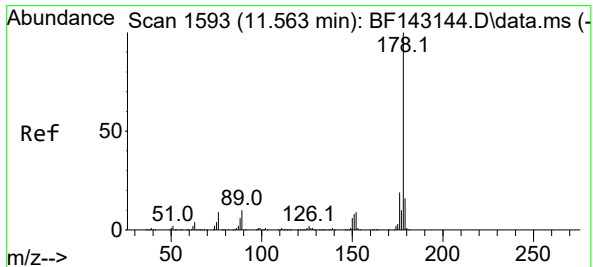
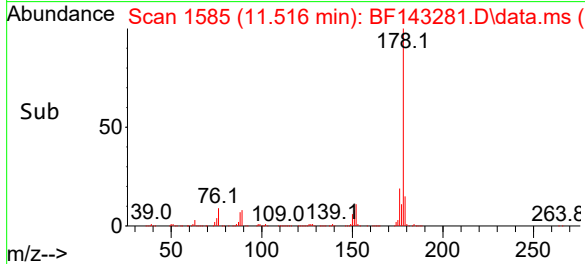
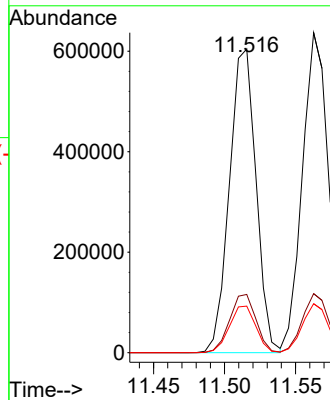
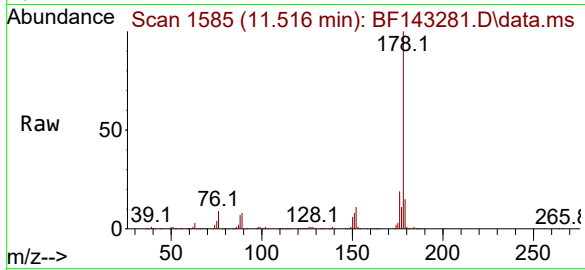




#71
Phenanthrene
Concen: 44.634 ng
RT: 11.516 min Scan# 1585
Delta R.T. 0.006 min
Lab File: BF143281.D
Acq: 01 Aug 2025 14:37

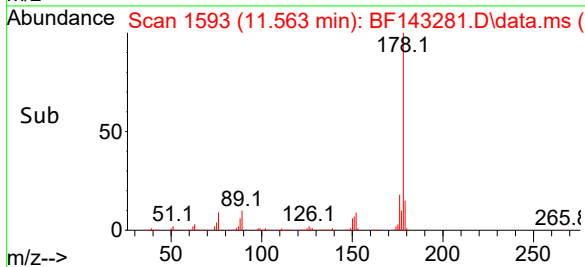
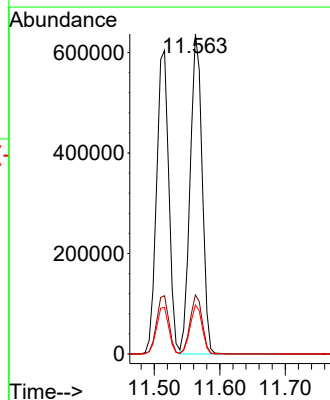
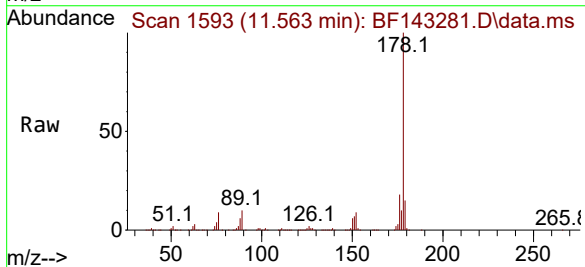
Instrument :
BNA_F
ClientSampleId :
PB169087BS

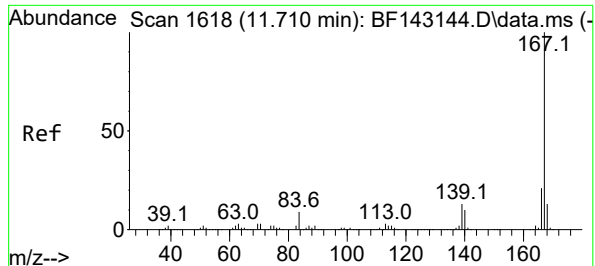
Tgt Ion:178 Resp: 788552
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 15.3 12.5 18.7



#72
Anthracene
Concen: 44.848 ng
RT: 11.563 min Scan# 1593
Delta R.T. -0.000 min
Lab File: BF143281.D
Acq: 01 Aug 2025 14:37

Tgt Ion:178 Resp: 808098
Ion Ratio Lower Upper
178 100
176 18.4 15.0 22.4
179 15.3 12.5 18.7





#73

Carbazole

Concen: 45.267 ng

RT: 11.716 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF143281.D

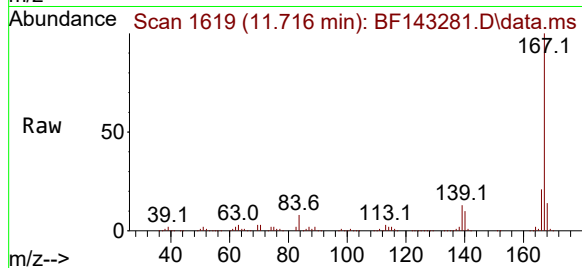
Acq: 01 Aug 2025 14:37

Instrument :

BNA_F

ClientSampleId :

PB169087BS



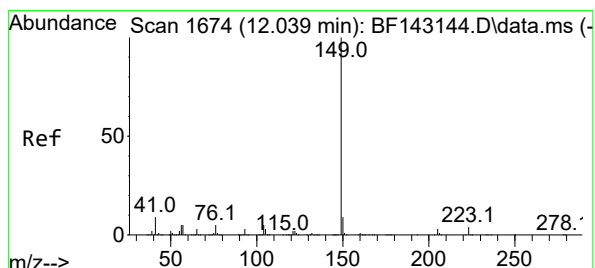
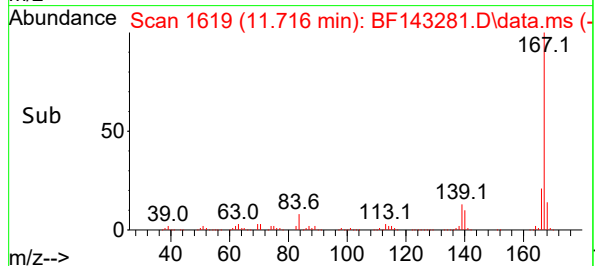
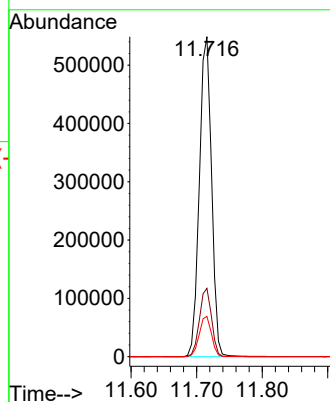
Tgt Ion:167 Resp: 712207

Ion Ratio Lower Upper

167 100

166 21.3 17.0 25.6

139 12.6 10.0 15.0



#74

Di-n-butylphthalate

Concen: 48.106 ng

RT: 12.039 min Scan# 1674

Delta R.T. -0.000 min

Lab File: BF143281.D

Acq: 01 Aug 2025 14:37

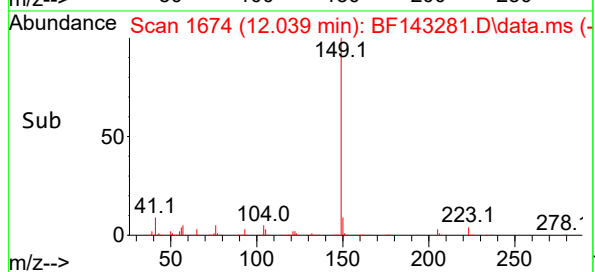
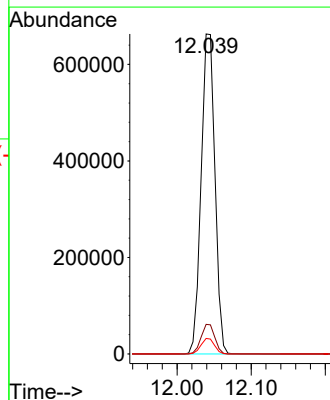
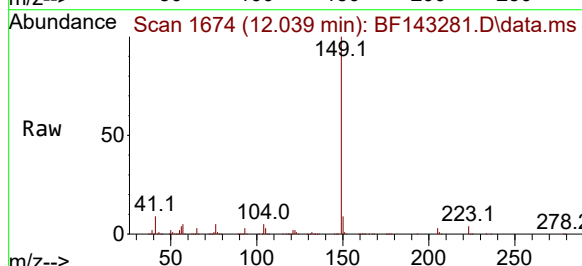
Tgt Ion:149 Resp: 856407

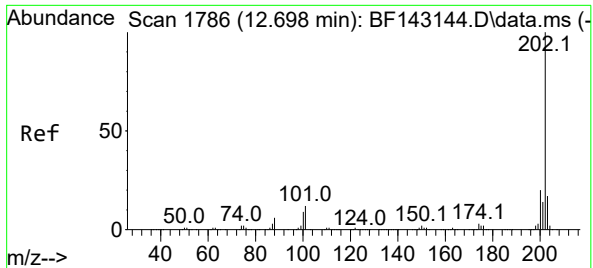
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

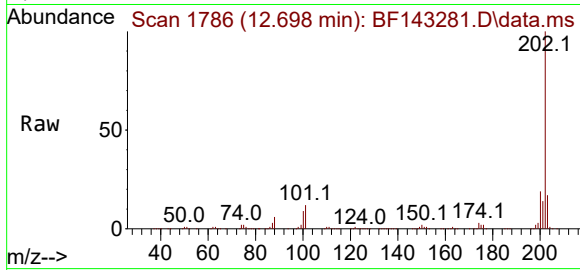
104 4.9 3.8 5.8



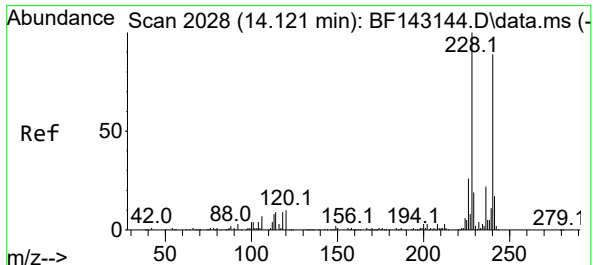
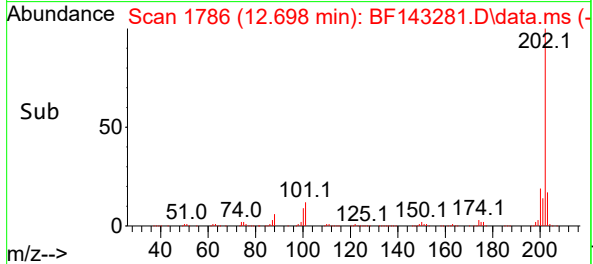
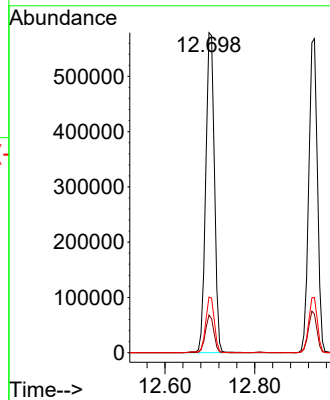


#75
Fluoranthene
Concen: 47.962 ng
RT: 12.698 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143281.D
Acq: 01 Aug 2025 14:37

Instrument :
BNA_F
ClientSampleId :
PB169087BS

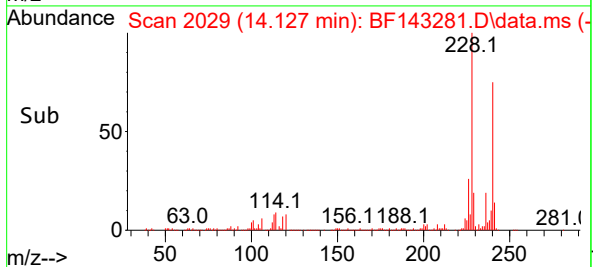
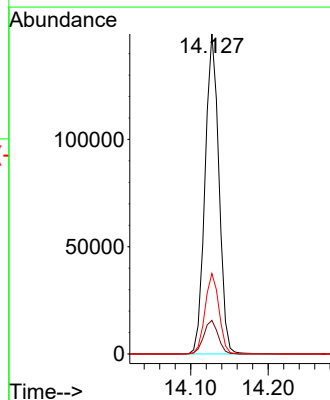
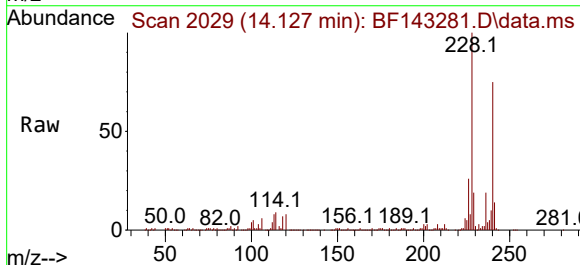


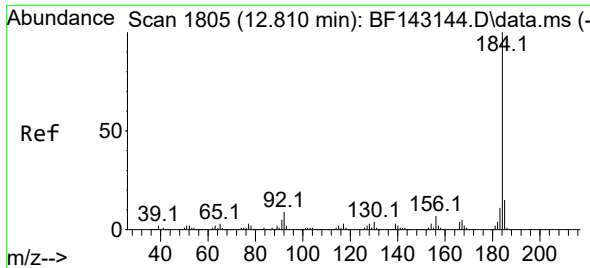
Tgt Ion:202 Resp: 777745
Ion Ratio Lower Upper
202 100
101 11.7 0.0 31.7
203 17.3 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2029
Delta R.T. 0.006 min
Lab File: BF143281.D
Acq: 01 Aug 2025 14:37

Tgt Ion:240 Resp: 185103
Ion Ratio Lower Upper
240 100
120 10.5 9.4 14.2
236 25.2 20.2 30.4





#77

Benzidine

Concen: 31.798 ng

RT: 12.816 min Scan# 1806

Delta R.T. 0.006 min

Lab File: BF143281.D

Acq: 01 Aug 2025 14:37

Instrument :

BNA_F

ClientSampleId :

PB169087BS

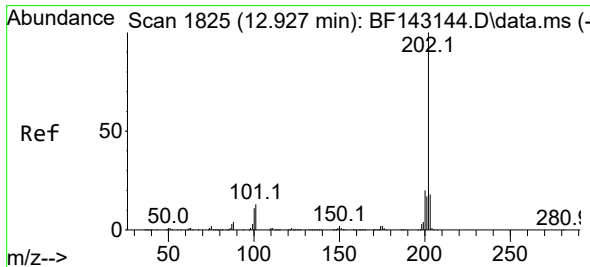
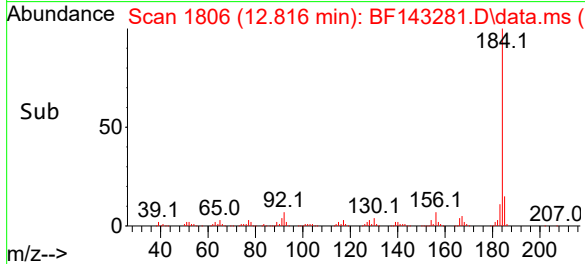
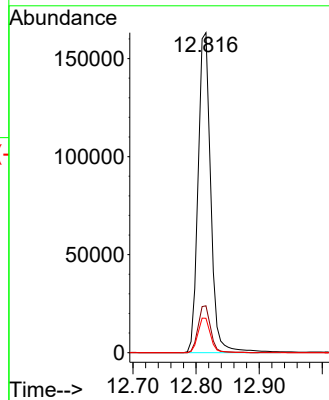
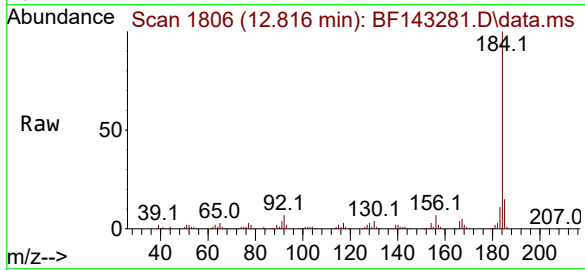
Tgt Ion:184 Resp: 226771

Ion Ratio Lower Upper

184 100

185 14.6 12.2 18.4

183 10.8 9.0 13.4



#78

Pyrene

Concen: 48.101 ng

RT: 12.933 min Scan# 1826

Delta R.T. 0.006 min

Lab File: BF143281.D

Acq: 01 Aug 2025 14:37

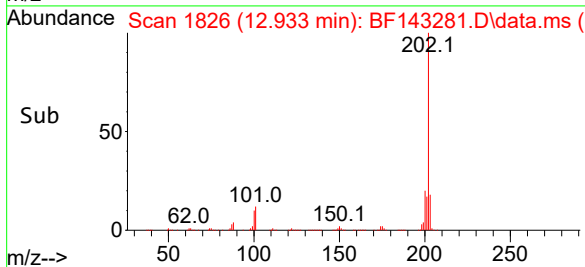
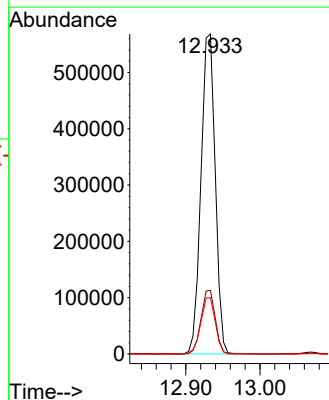
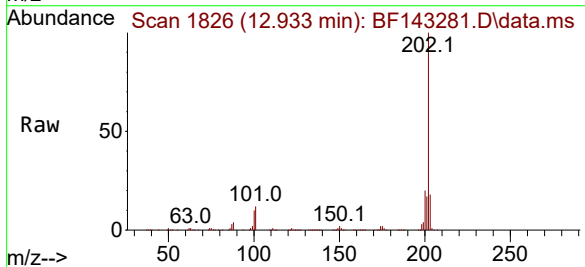
Tgt Ion:202 Resp: 759881

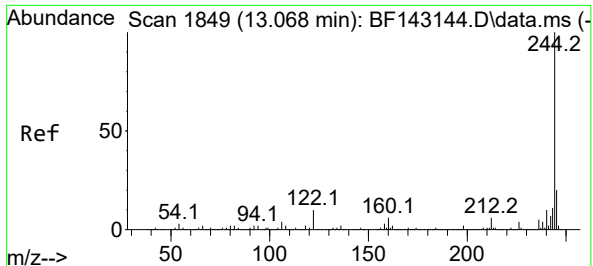
Ion Ratio Lower Upper

202 100

200 19.9 15.7 23.5

203 17.6 14.2 21.2

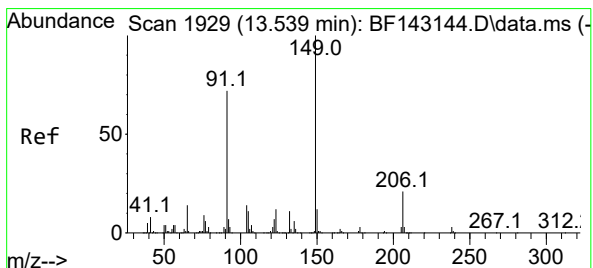
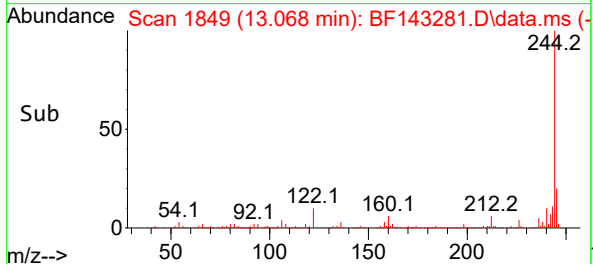
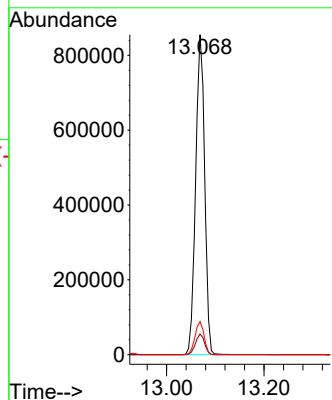
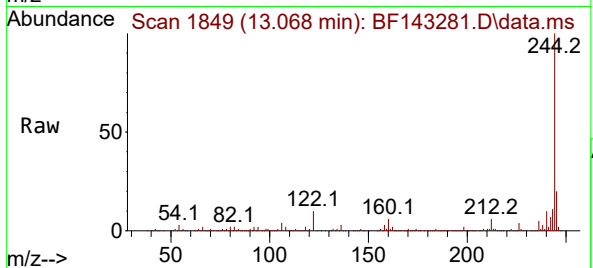




#79
Terphenyl-d14
Concen: 88.636 ng
RT: 13.068 min Scan# 1849
Delta R.T. -0.000 min
Lab File: BF143281.D
Acq: 01 Aug 2025 14:37

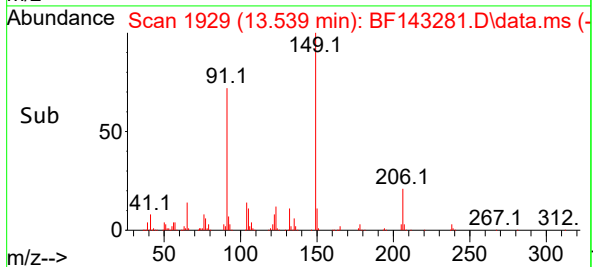
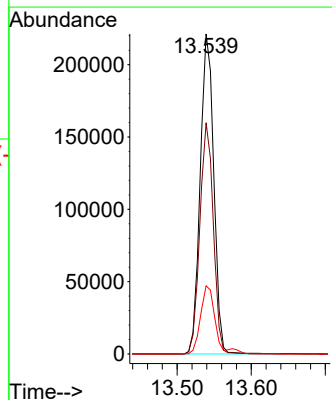
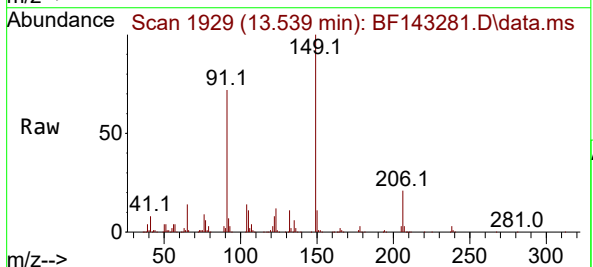
Instrument :
BNA_F
ClientSampleId :
PB169087BS

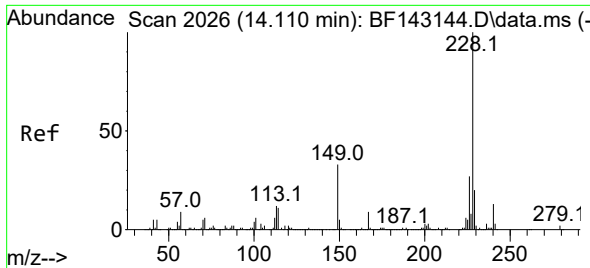
Tgt Ion:244 Resp: 1102522
Ion Ratio Lower Upper
244 100
212 6.5 5.2 7.8
122 10.3 8.2 12.2



#80
Butylbenzylphthalate
Concen: 58.138 ng
RT: 13.539 min Scan# 1929
Delta R.T. -0.000 min
Lab File: BF143281.D
Acq: 01 Aug 2025 14:37

Tgt Ion:149 Resp: 281240
Ion Ratio Lower Upper
149 100
91 72.3 57.9 86.9
206 21.3 17.0 25.4

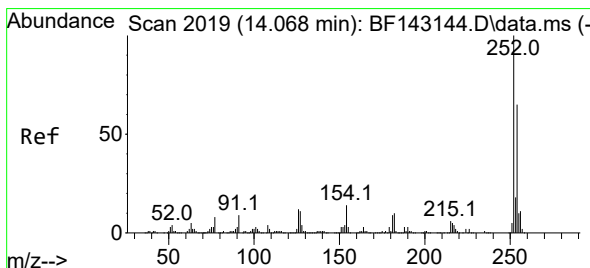
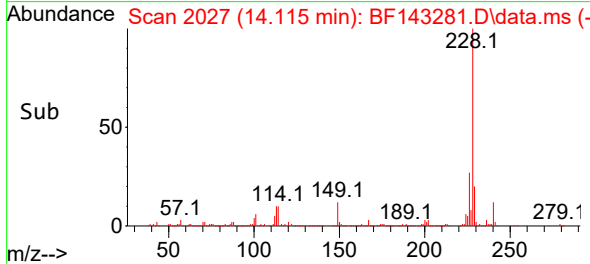
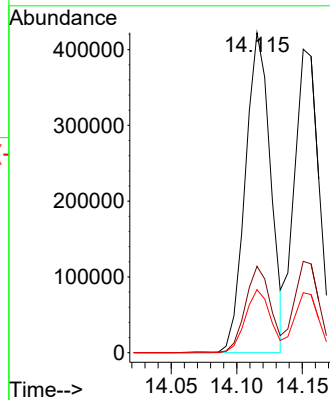
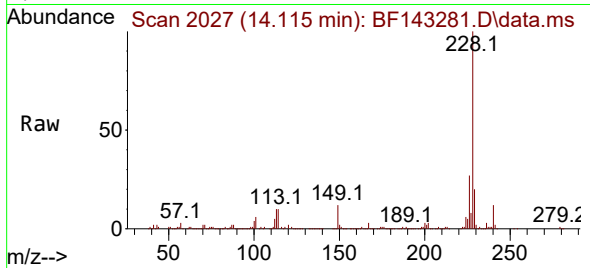




#81
Benzo(a)anthracene
Concen: 45.613 ng
RT: 14.115 min Scan# 2026
Delta R.T. 0.006 min
Lab File: BF143281.D
Acq: 01 Aug 2025 14:37

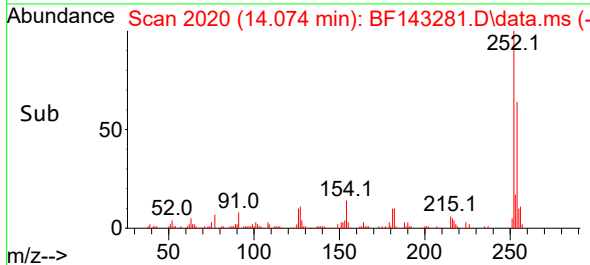
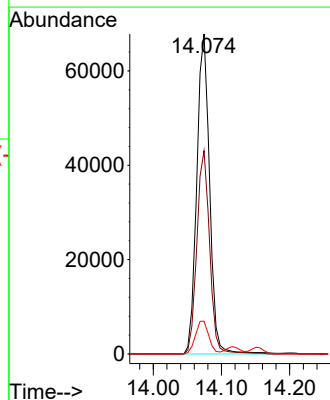
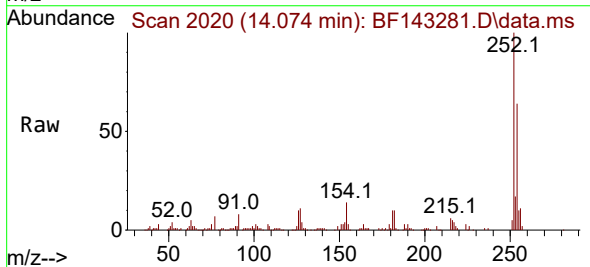
Instrument :
BNA_F
ClientSampleId :
PB169087BS

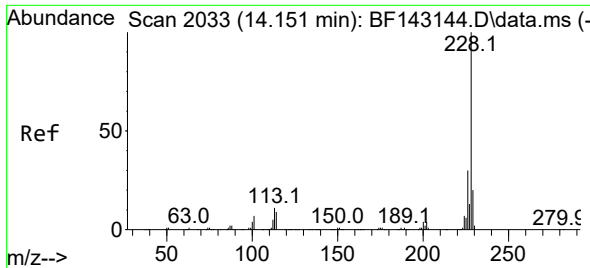
Tgt Ion:228 Resp: 565267
Ion Ratio Lower Upper
228 100
226 27.0 21.7 32.5
229 19.7 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 21.462 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BF143281.D
Acq: 01 Aug 2025 14:37

Tgt Ion:252 Resp: 88646
Ion Ratio Lower Upper
252 100
254 63.5 51.7 77.5
126 10.3 9.4 14.0

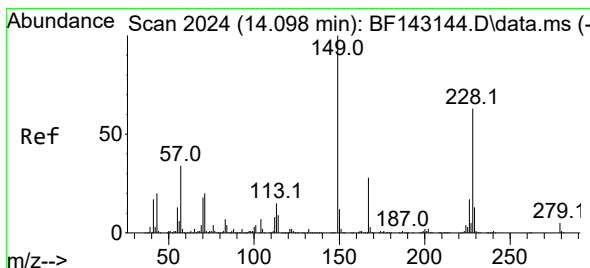
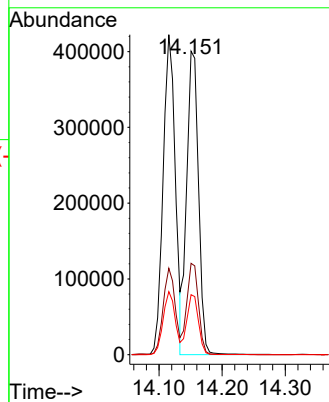
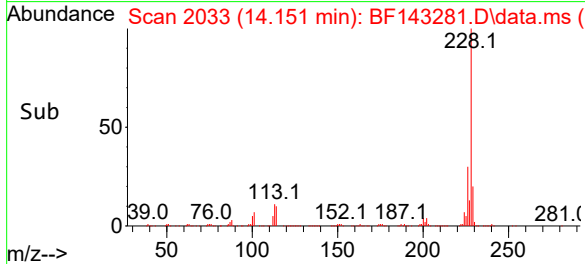
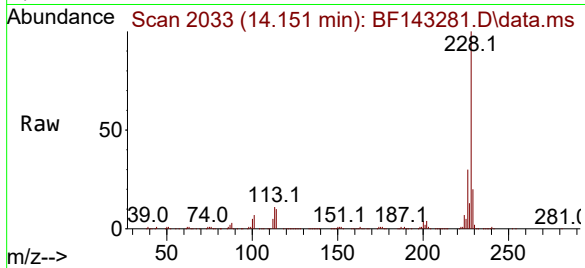




#83
Chrysene
Concen: 46.912 ng
RT: 14.151 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF143281.D
Acq: 01 Aug 2025 14:37

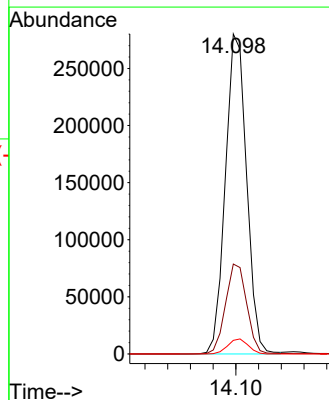
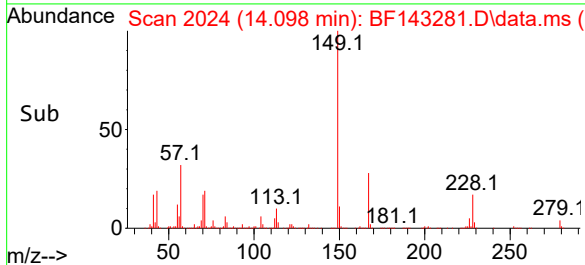
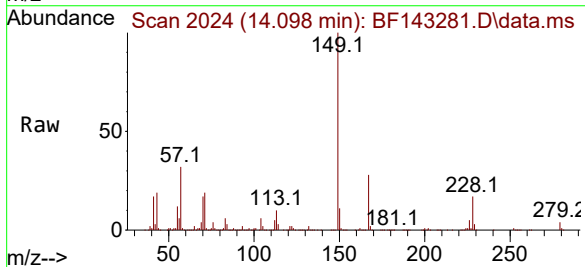
Instrument :
BNA_F
ClientSampleId :
PB169087BS

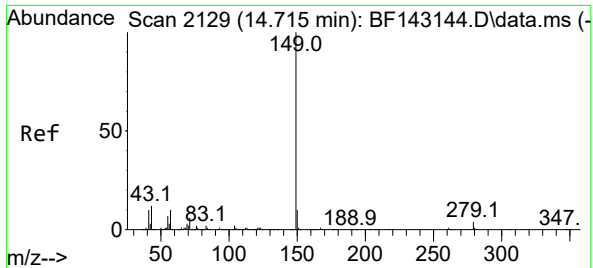
Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.8	35.8
229	19.7	15.6	23.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 49.610 ng
RT: 14.098 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BF143281.D
Acq: 01 Aug 2025 14:37

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.3	33.5
279	4.3	3.6	5.4

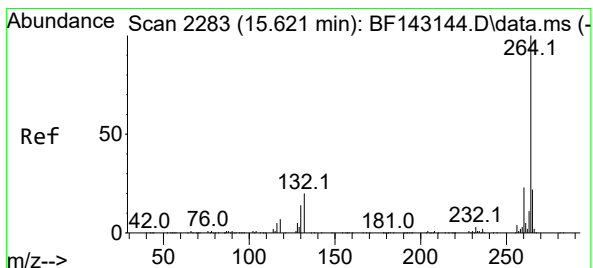
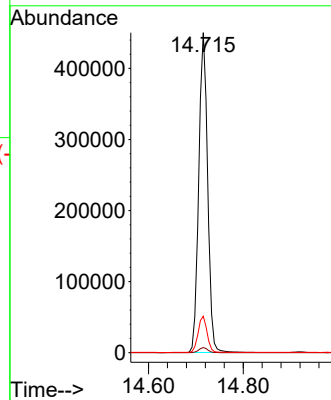
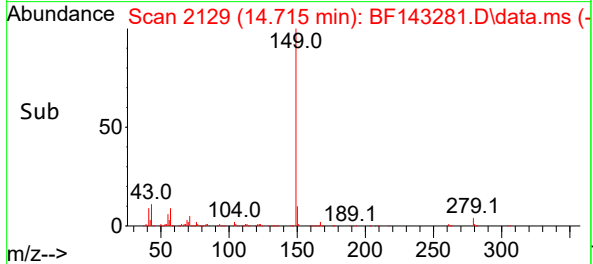
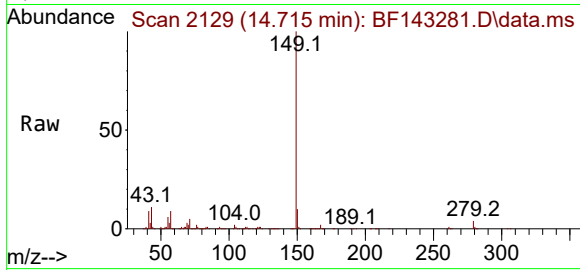




#85
Di-n-octyl phthalate
Concen: 44.156 ng
RT: 14.715 min Scan# 2129
Delta R.T. -0.000 min
Lab File: BF143281.D
Acq: 01 Aug 2025 14:37

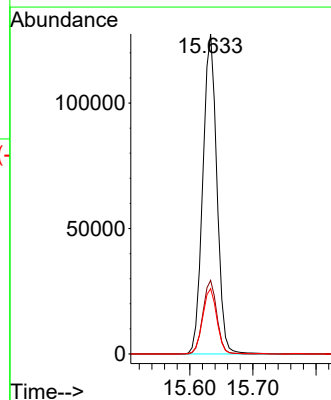
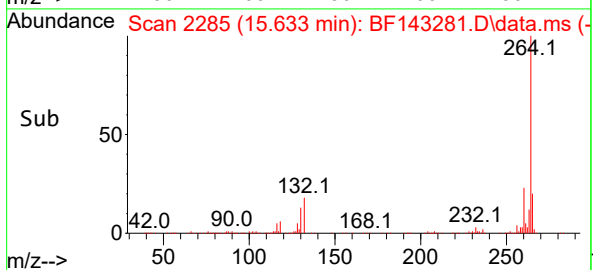
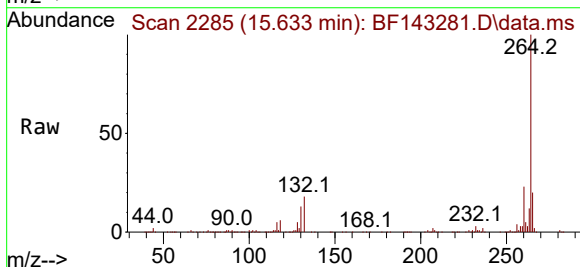
Instrument :
BNA_F
ClientSampleId :
PB169087BS

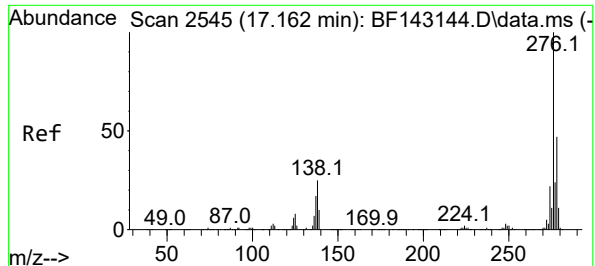
Tgt Ion:149 Resp: 586041
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 11.4 9.7 14.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.633 min Scan# 2285
Delta R.T. 0.012 min
Lab File: BF143281.D
Acq: 01 Aug 2025 14:37

Tgt Ion:264 Resp: 196335
Ion Ratio Lower Upper
264 100
260 23.0 18.5 27.7
265 20.4 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.705 ng

RT: 17.180 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF143281.D

Acq: 01 Aug 2025 14:37

Instrument :

BNA_F

ClientSampleId :

PB169087BS

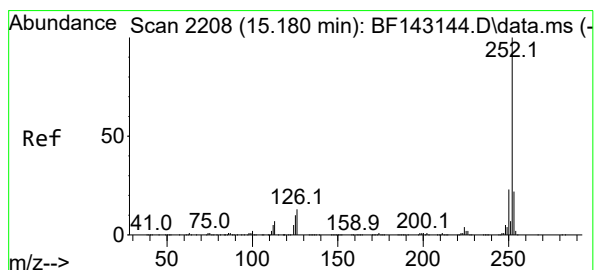
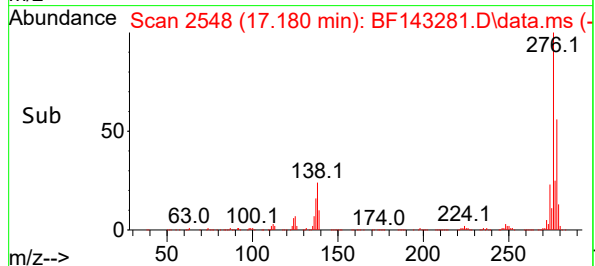
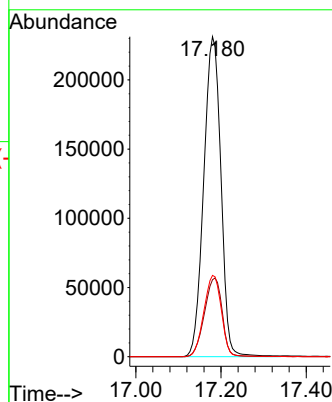
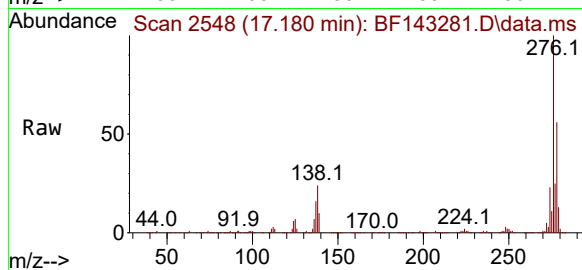
Tgt Ion:276 Resp: 646594

Ion Ratio Lower Upper

276 100

138 25.4 21.8 32.6

277 25.9 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 46.078 ng

RT: 15.186 min Scan# 2209

Delta R.T. 0.006 min

Lab File: BF143281.D

Acq: 01 Aug 2025 14:37

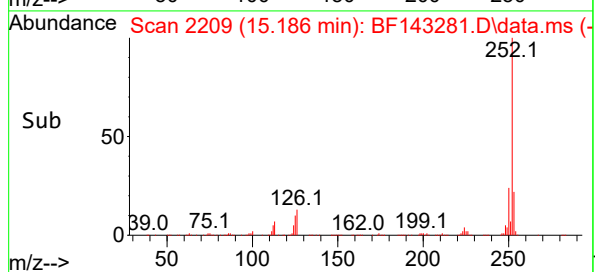
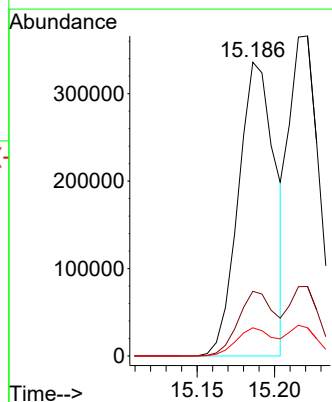
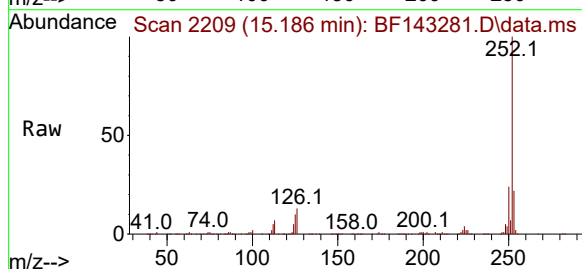
Tgt Ion:252 Resp: 552673

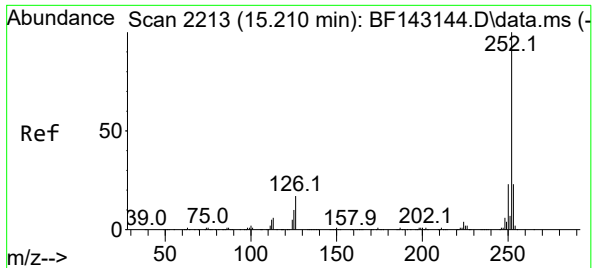
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 9.6 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 45.976 ng

RT: 15.221 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF143281.D

Acq: 01 Aug 2025 14:37

Instrument :

BNA_F

ClientSampleId :

PB169087BS

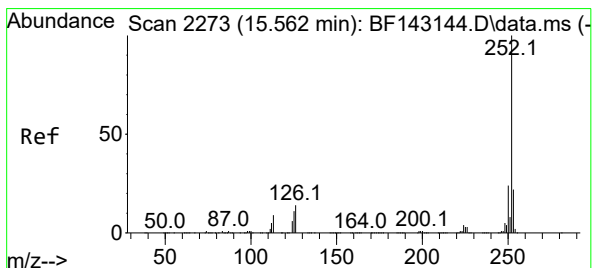
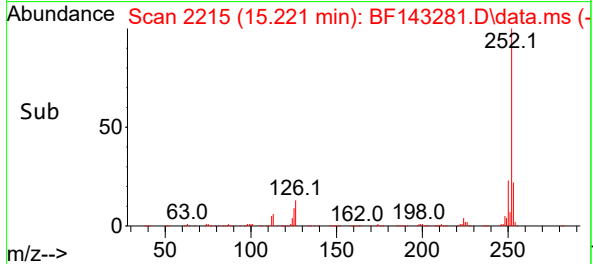
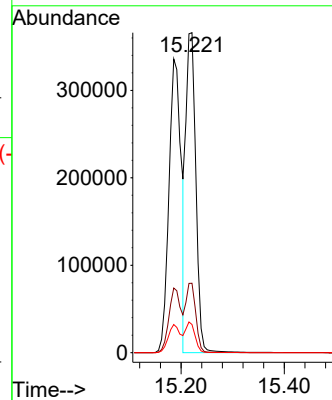
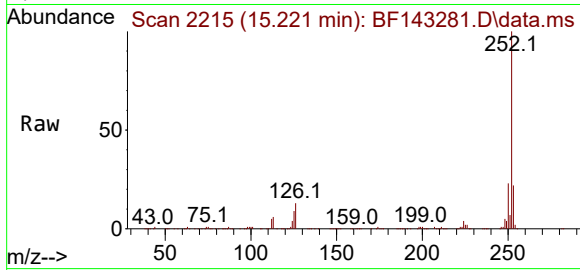
Tgt Ion:252 Resp: 492088

Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.6

125 8.8 8.1 12.1



#90

Benzo(a)pyrene

Concen: 46.324 ng

RT: 15.568 min Scan# 2274

Delta R.T. 0.006 min

Lab File: BF143281.D

Acq: 01 Aug 2025 14:37

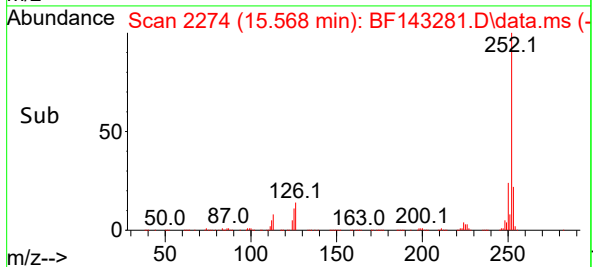
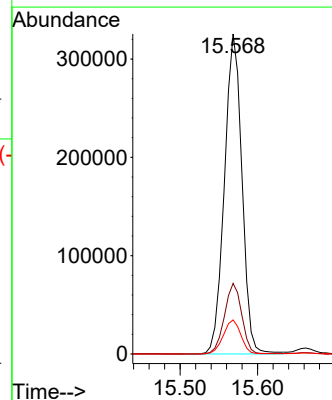
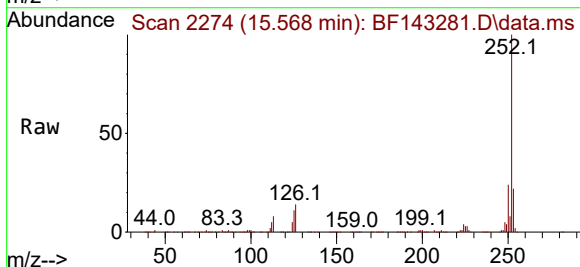
Tgt Ion:252 Resp: 511924

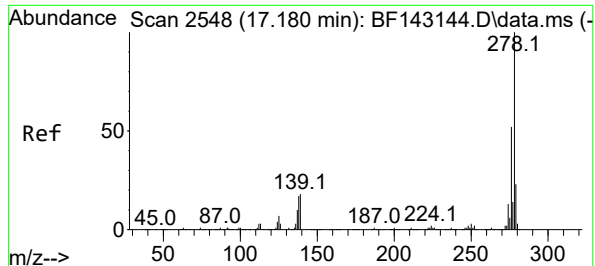
Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

125 10.6 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 46.804 ng

RT: 17.198 min Scan# 2

Delta R.T. 0.018 min

Lab File: BF143281.D

Acq: 01 Aug 2025 14:37

Instrument :

BNA_F

ClientSampleId :

PB169087BS

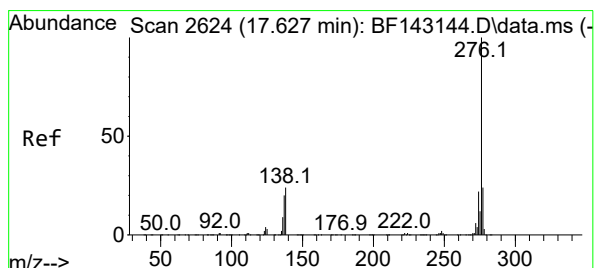
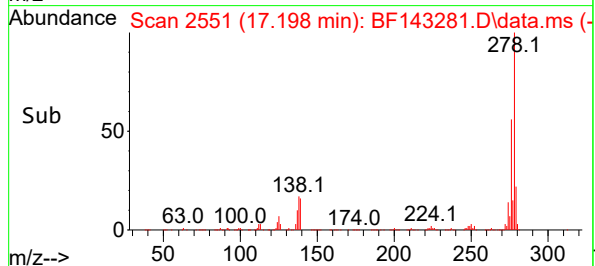
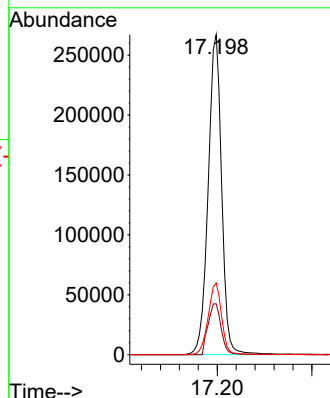
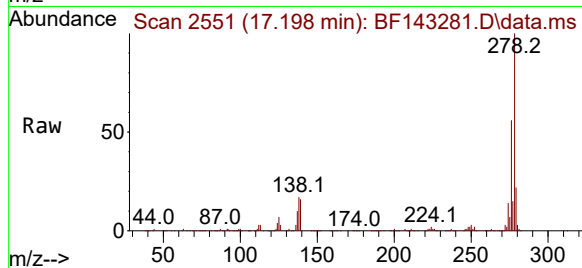
Tgt Ion:278 Resp: 527401

Ion Ratio Lower Upper

278 100

139 15.9 14.1 21.1

279 22.4 18.6 28.0



#92

Benzo(g,h,i)perylene

Concen: 55.758 ng

RT: 17.645 min Scan# 2627

Delta R.T. 0.018 min

Lab File: BF143281.D

Acq: 01 Aug 2025 14:37

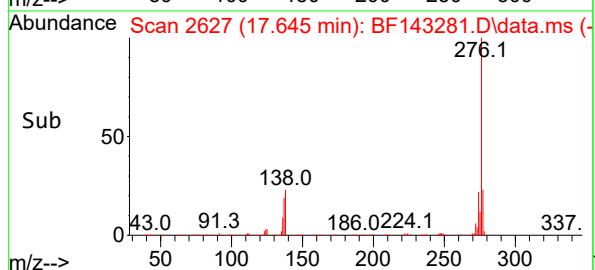
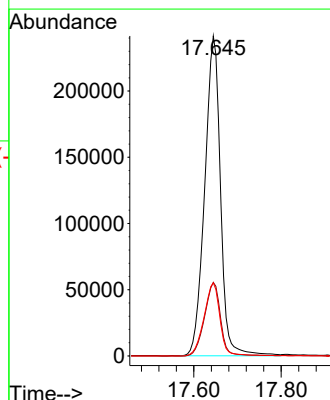
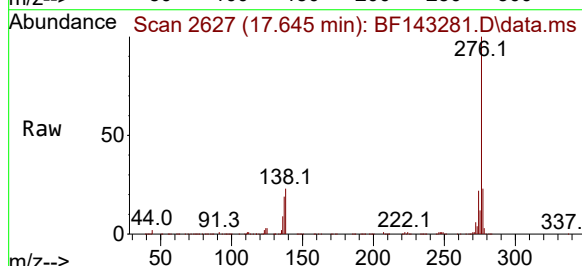
Tgt Ion:276 Resp: 607779

Ion Ratio Lower Upper

276 100

277 23.0 19.1 28.7

138 22.9 18.9 28.3



Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	
Client Sample ID:	PB169087BSD	SDG No.:	Q2733
Lab Sample ID:	PB169087BSD	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group4
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
BF143282.D	1	08/01/25 08:48	08/01/25 15:05	PB169087

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
108-95-2	Phenol	46.2		0.91	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	43.5		0.53	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	43.9		0.54	5.00	ug/L
91-20-3	Naphthalene	44.6		0.50	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	131		15 (23) - 110 (138)	87%	SPK: 150
13127-88-3	Phenol-d6	129		15 (10) - 110 (134)	86%	SPK: 150
4165-60-0	Nitrobenzene-d5	84.9		30 (67) - 130 (132)	85%	SPK: 100
321-60-8	2-Fluorobiphenyl	81.8		30 (52) - 130 (132)	82%	SPK: 100
118-79-6	2,4,6-Tribromophenol	135		15 (44) - 110 (137)	90%	SPK: 150
1718-51-0	Terphenyl-d14	100		30 (42) - 130 (152)	100%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	107000	6.963			
1146-65-2	Naphthalene-d8	413000	8.239			
15067-26-2	Acenaphthene-d10	189000	9.998			
1517-22-2	Phenanthrene-d10	318000	11.486			
1719-03-5	Chrysene-d12	191000	14.127			
1520-96-3	Perylene-d12	199000	15.627			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080125\
 Data File : BF143282.D
 Acq On : 01 Aug 2025 15:05
 Operator : RC/JU
 Sample : PB169087BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169087BSD

Quant Time: Aug 01 15:30:03 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	107274	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	412890	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	188744	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	317992	20.000	ng	0.00
76) Chrysene-d12	14.127	240	191263	20.000	ng	0.00
86) Perylene-d12	15.627	264	198657	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	889664	131.240	ng	0.02
7) Phenol-d6	6.592	99	1096636	128.524	ng	0.00
23) Nitrobenzene-d5	7.516	82	703470	84.928	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	262982	134.874	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1129466	81.840	ng	0.00
79) Terphenyl-d14	13.068	244	1291057	100.450	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.893	88	131190	40.899	ng	99
3) Pyridine	3.646	79	350739	42.128	ng	98
4) n-Nitrosodimethylamine	3.587	42	195922	45.579	ng	97
6) Aniline	6.622	93	340144	28.604	ng	98
8) 2-Chlorophenol	6.745	128	315096	44.344	ng	98
9) Benzaldehyde	6.510	77	202047	31.579	ng	99
10) Phenol	6.604	94	429004	46.153	ng	96
11) bis(2-Chloroethyl)ether	6.692	93	310729	43.659	ng	99
12) 1,3-Dichlorobenzene	6.904	146	327981	42.490	ng	99
13) 1,4-Dichlorobenzene	6.981	146	337926	43.471	ng	99
14) 1,2-Dichlorobenzene	7.134	146	323879	43.806	ng	99
15) Benzyl Alcohol	7.098	79	284799	43.714	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	562292	42.590	ng	98
17) 2-Methylphenol	7.210	107	272647	45.634	ng	100
18) Hexachloroethane	7.475	117	120665	44.839	ng	98
19) n-Nitroso-di-n-propyla...	7.369	70	232055	42.391	ng	99
20) 3+4-Methylphenols	7.357	107	313721	43.279	ng	# 83
22) Acetophenone	7.363	105	425493	43.528	ng	96
24) Nitrobenzene	7.539	77	381344	49.381	ng	100
25) Isophorone	7.775	82	694419	47.490	ng	98
26) 2-Nitrophenol	7.851	139	181842	54.256	ng	98
27) 2,4-Dimethylphenol	7.886	122	299296	43.810	ng	100
28) bis(2-Chloroethoxy)met...	7.981	93	387678	44.219	ng	99
29) 2,4-Dichlorophenol	8.098	162	257480	44.691	ng	99
30) 1,2,4-Trichlorobenzene	8.181	180	272976	43.856	ng	99
31) Naphthalene	8.263	128	906176	44.564	ng	100
32) Benzoic acid	7.998	122	162165	42.771	ng	99
33) 4-Chloroaniline	8.304	127	107302	12.923	ng	99
34) Hexachlorobutadiene	8.381	225	168633	44.350	ng	99
35) Caprolactam	8.669	113	88583m	50.881	ng	
36) 4-Chloro-3-methylphenol	8.786	107	280867	44.852	ng	99
37) 2-Methylnaphthalene	8.957	142	556698	44.990	ng	99
38) 1-Methylnaphthalene	9.057	142	587013	46.070	ng	99
40) 1,2,4,5-Tetrachloroben...	9.122	216	282723	51.883	ng	98
41) Hexachlorocyclopentadiene	9.116	237	350557	98.869	ng	99
43) 2,4,6-Trichlorophenol	9.233	196	186291	49.396	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080125\
 Data File : BF143282.D
 Acq On : 01 Aug 2025 15:05
 Operator : RC/JU
 Sample : PB169087BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169087BSD

Quant Time: Aug 01 15:30:03 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

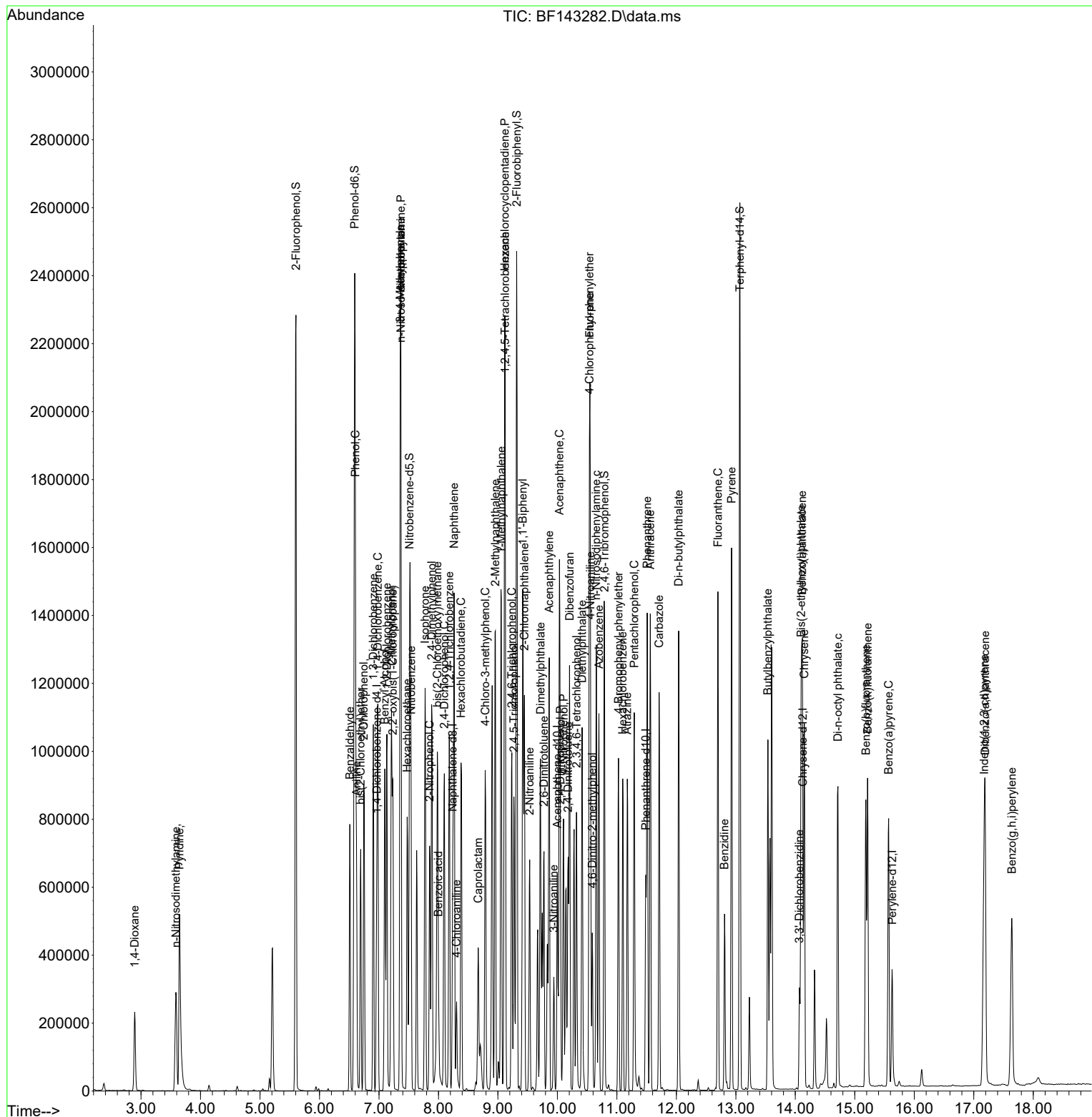
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	185358	49.134	ng	97
46) 1,1'-Biphenyl	9.416	154	655581	44.519	ng	100
47) 2-Chloronaphthalene	9.445	162	476202	43.704	ng	100
48) 2-Nitroaniline	9.533	65	161594	47.292	ng	99
49) Acenaphthylene	9.863	152	803796	44.019	ng	100
50) Dimethylphthalate	9.716	163	563927	45.837	ng	99
51) 2,6-Dinitrotoluene	9.775	165	123173	49.215	ng	98
52) Acenaphthene	10.033	154	517096	47.913	ng	99
53) 3-Nitroaniline	9.939	138	68230	23.307	ng	99
54) 2,4-Dinitrophenol	10.051	184	115140	99.715	ng	# 1
55) Dibenzofuran	10.204	168	700681	43.728	ng	100
56) 4-Nitrophenol	10.104	139	186331	85.238	ng	99
57) 2,4-Dinitrotoluene	10.180	165	163576	52.095	ng	94
58) Fluorene	10.545	166	537544	44.699	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.322	232	147655	47.250	ng	98
60) Diethylphthalate	10.416	149	558890	45.961	ng	99
61) 4-Chlorophenyl-phenyle...	10.539	204	272544	45.514	ng	99
62) 4-Nitroaniline	10.557	138	120518	48.036	ng	98
63) Azobenzene	10.698	77	554123	43.722	ng	100
65) 4,6-Dinitro-2-methylph...	10.586	198	81188	48.624	ng	99
66) n-Nitrosodiphenylamine	10.651	169	474686	42.392	ng	99
67) 4-Bromophenyl-phenylether	11.027	248	166447	43.922	ng	100
68) Hexachlorobenzene	11.098	284	171289	43.244	ng	98
69) Atrazine	11.174	200	151766	49.162	ng	98
70) Pentachlorophenol	11.292	266	194896	83.669	ng	98
71) Phenanthrene	11.510	178	733649	43.451	ng	100
72) Anthracene	11.563	178	749411	43.519	ng	100
73) Carbazole	11.710	167	677874	45.082	ng	99
74) Di-n-butylphthalate	12.039	149	933320	54.856	ng	100
75) Fluoranthene	12.698	202	827855	53.418	ng	100
77) Benzidine	12.810	184	283968	38.536	ng	99
78) Pyrene	12.927	202	905717	55.486	ng	100
80) Butylbenzylphthalate	13.539	149	325108	65.042	ng	98
81) Benzo(a)anthracene	14.115	228	571735	44.649	ng	100
82) 3,3'-Dichlorobenzidine	14.068	252	89750	21.030	ng	98
83) Chrysene	14.151	228	515031	44.735	ng	99
84) Bis(2-ethylhexyl)phtha...	14.098	149	370304	48.946	ng	100
85) Di-n-octyl phthalate	14.715	149	601029	43.827	ng	98
87) Indeno(1,2,3-cd)pyrene	17.174	276	626497	44.724	ng	97
88) Benzo(b)fluoranthene	15.186	252	530622	43.722	ng	99
89) Benzo(k)fluoranthene	15.215	252	532643	49.184	ng	99
90) Benzo(a)pyrene	15.568	252	509069	45.527	ng	99
91) Dibenzo(a,h)anthracene	17.192	278	504080	44.211	ng	98
92) Benzo(g,h,i)perylene	17.639	276	491918	44.602	ng	98

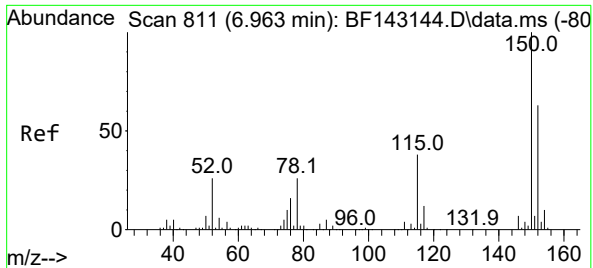
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BF143282.D  
Acq On    : 01 Aug 2025   15:05  
Operator  : RC/JU  
Sample    : PB169087BSD  
Misc      :  
ALS Vial  : 10    Sample Multiplier: 1
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Instrument :
BNA_F
ClientSampleId :
PB169087BSD

Quant Time: Aug 01 15:30:03 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

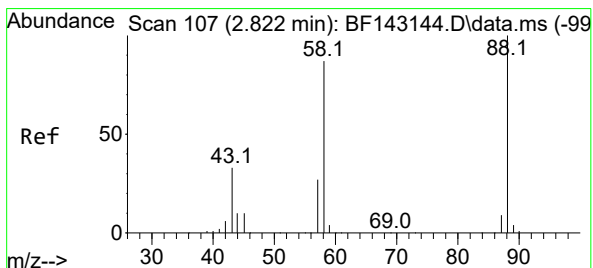
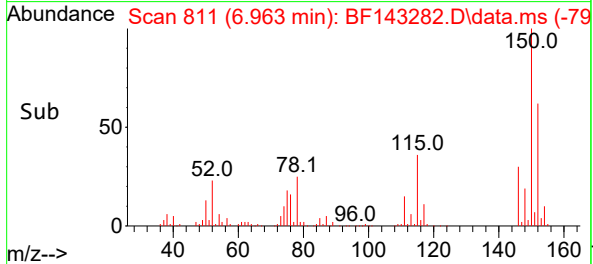
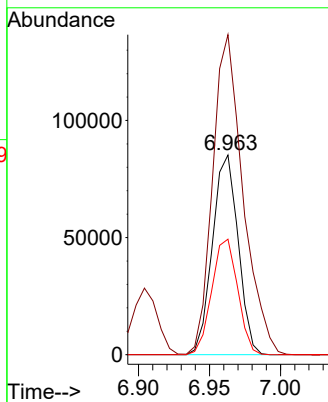
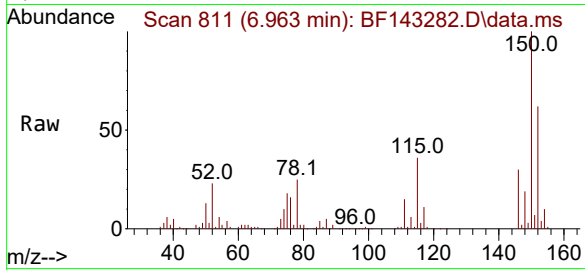




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

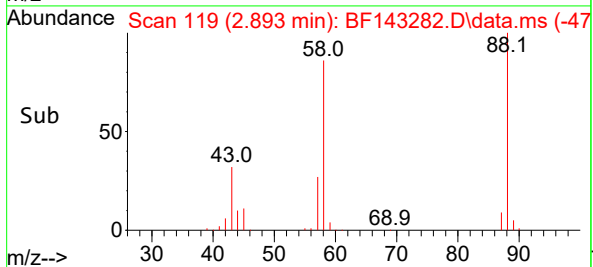
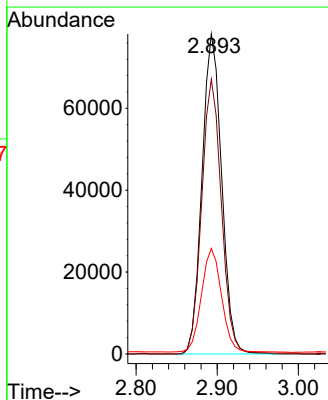
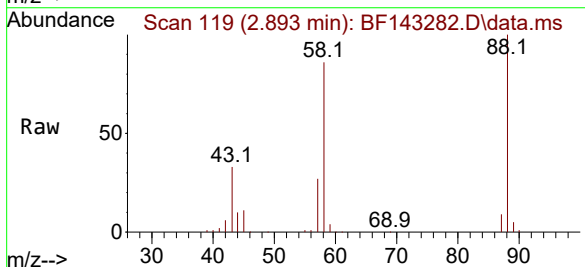
Instrument :
BNA_F
ClientSampleId :
PB169087BSD

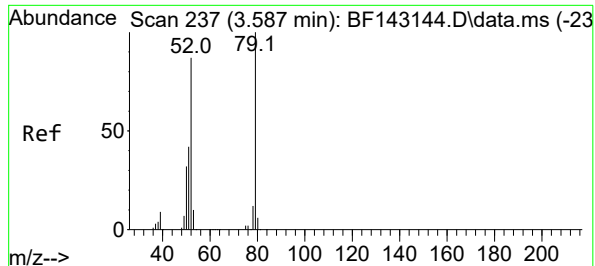
Tgt Ion:152 Resp: 107274
Ion Ratio Lower Upper
152 100
150 160.2 128.2 192.4
115 57.9 47.9 71.9



#2
1,4-Dioxane
Concen: 40.899 ng
RT: 2.893 min Scan# 119
Delta R.T. 0.071 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

Tgt Ion: 88 Resp: 131190
Ion Ratio Lower Upper
88 100
58 86.6 70.2 105.2
43 33.4 27.1 40.7

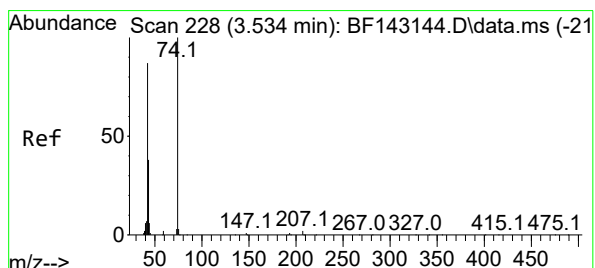
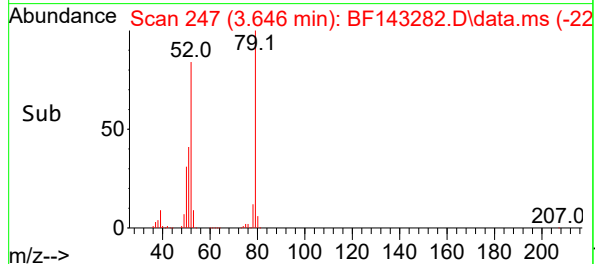
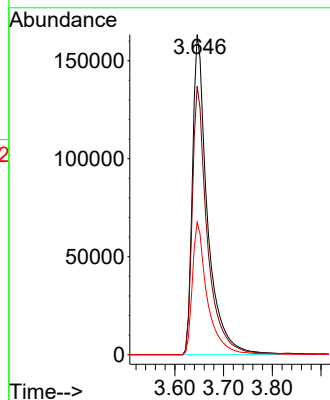
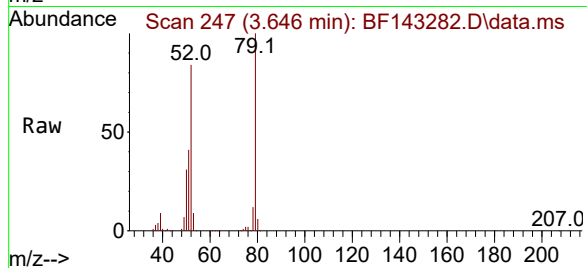




#3
Pyridine
Concen: 42.128 ng
RT: 3.646 min Scan# 24
Delta R.T. 0.059 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

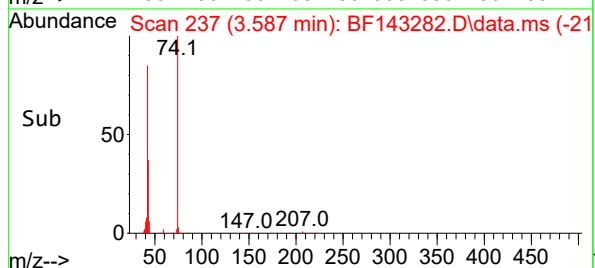
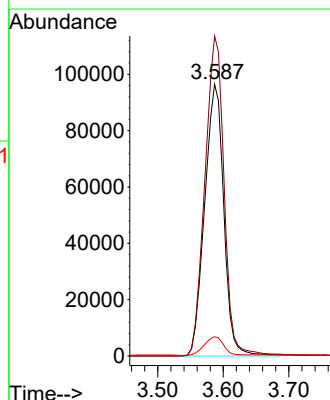
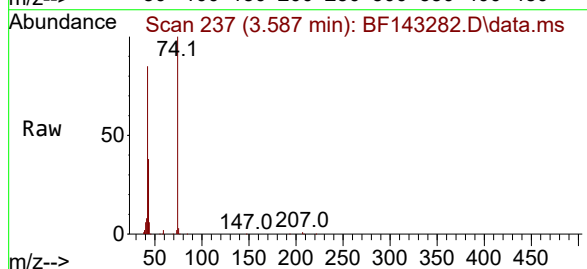
Instrument :
BNA_F
ClientSampleId :
PB169087BSD

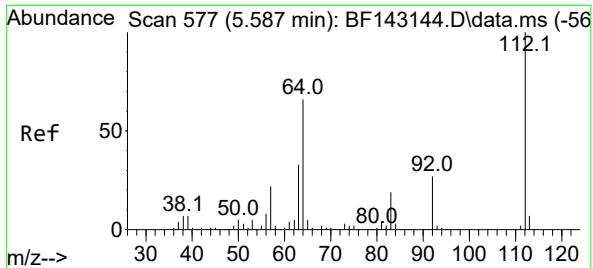
Tgt Ion: 79 Resp: 350739
Ion Ratio Lower Upper
79 100
52 83.8 69.4 104.2
51 41.3 33.5 50.3



#4
n-Nitrosodimethylamine
Concen: 45.579 ng
RT: 3.587 min Scan# 237
Delta R.T. 0.053 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

Tgt Ion: 42 Resp: 195922
Ion Ratio Lower Upper
42 100
74 117.7 91.7 137.5
44 7.1 5.6 8.4

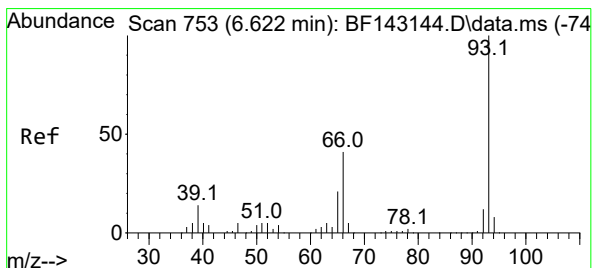
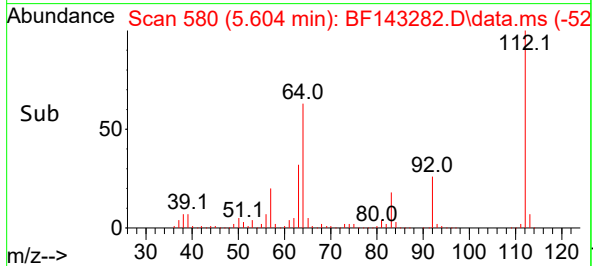
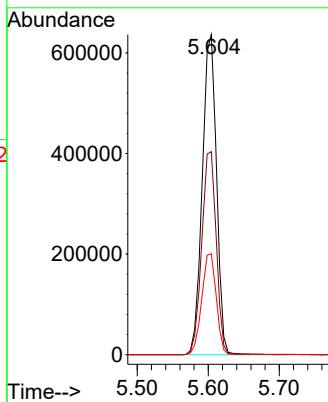
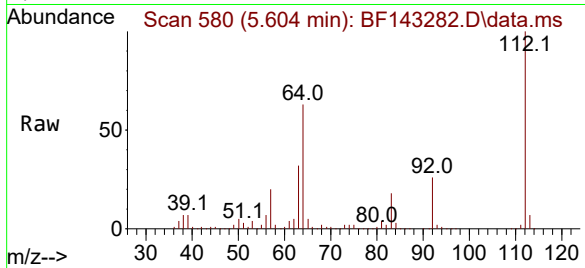




#5
2-Fluorophenol
Concen: 131.240 ng
RT: 5.604 min Scan# 577
Delta R.T. 0.018 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

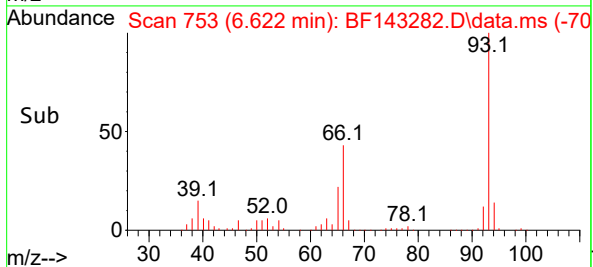
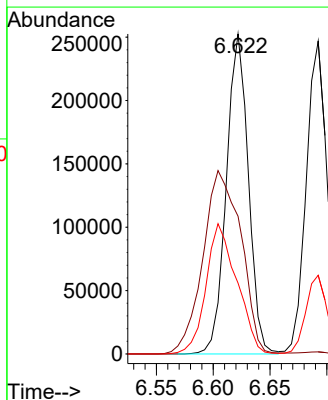
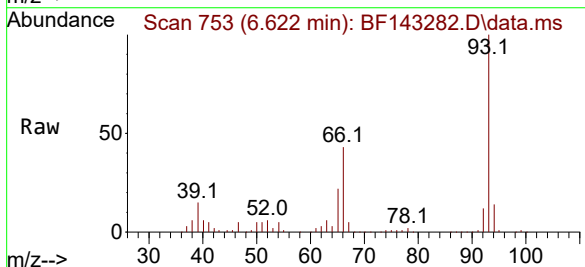
Instrument :
BNA_F
ClientSampleId :
PB169087BSD

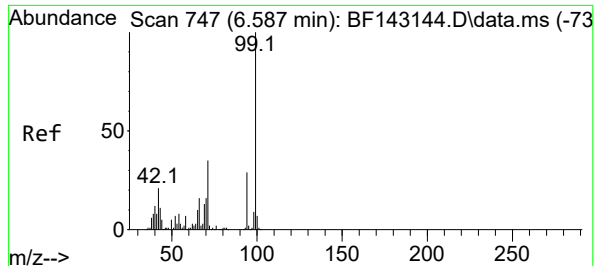
Tgt Ion:112 Resp: 889664
Ion Ratio Lower Upper
112 100
64 63.4 53.1 79.7
63 31.5 26.6 40.0



#6
Aniline
Concen: 28.604 ng
RT: 6.622 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

Tgt Ion: 93 Resp: 340144
Ion Ratio Lower Upper
93 100
66 43.1 33.2 49.8
65 22.2 16.9 25.3

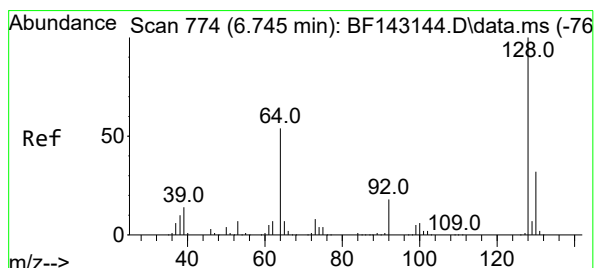
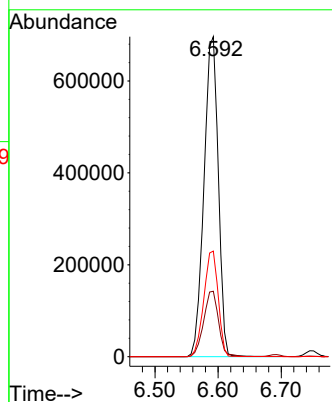
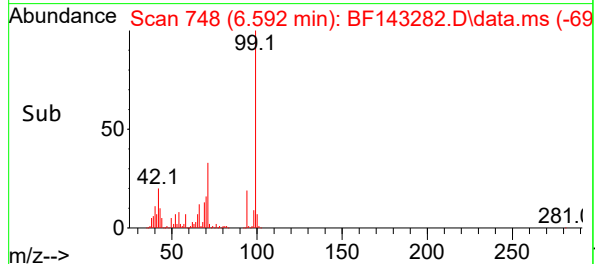
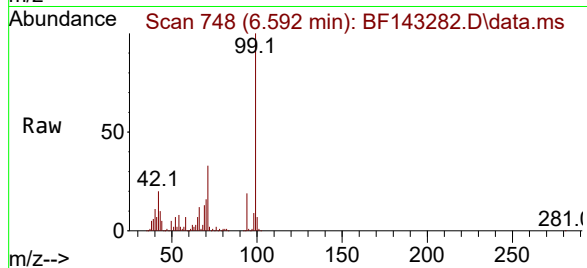




#7
Phenol-d6
Concen: 128.524 ng
RT: 6.592 min Scan# 747
Delta R.T. 0.006 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

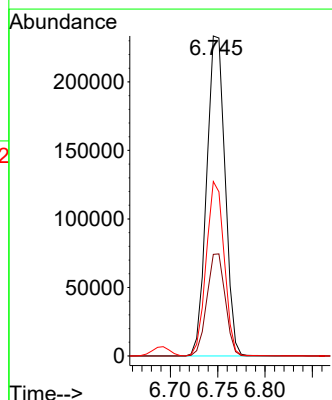
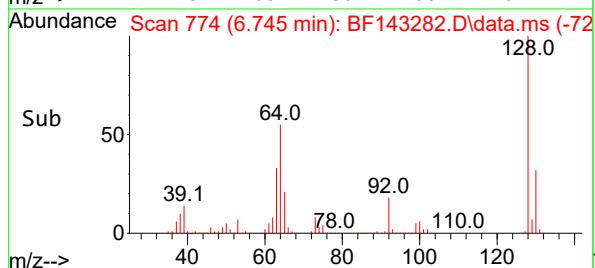
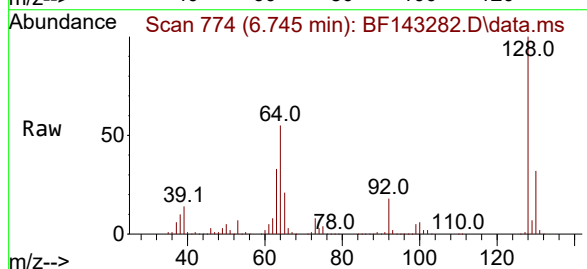
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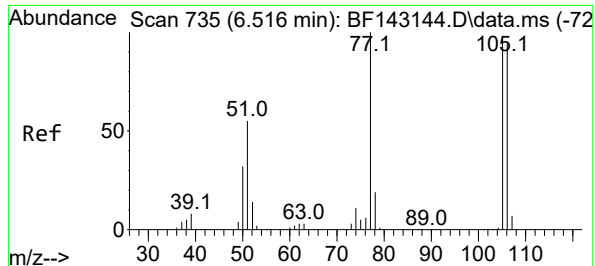
Tgt Ion: 99 Resp: 1096636
Ion Ratio Lower Upper
99 100
42 20.4 17.0 25.6
71 33.0 27.7 41.5



#8
2-Chlorophenol
Concen: 44.344 ng
RT: 6.745 min Scan# 774
Delta R.T. -0.000 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

Tgt Ion: 128 Resp: 315096
Ion Ratio Lower Upper
128 100
130 31.8 12.3 52.3
64 54.5 35.9 75.9





#9

Benzaldehyde

Concen: 31.579 ng

RT: 6.510 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF143282.D

Acq: 01 Aug 2025 15:05

Instrument :

BNA_F

ClientSampleId :

PB169087BSD

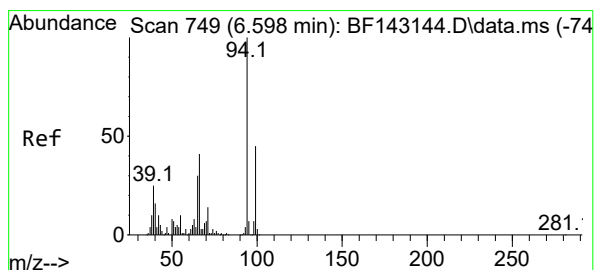
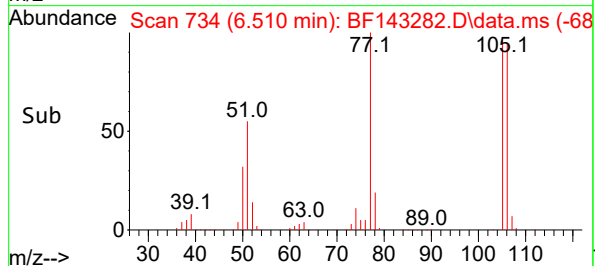
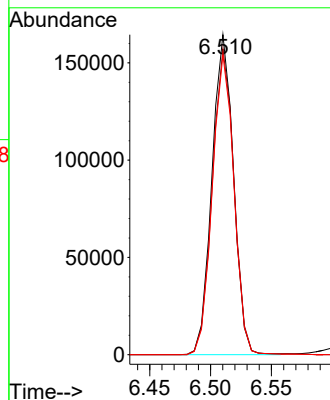
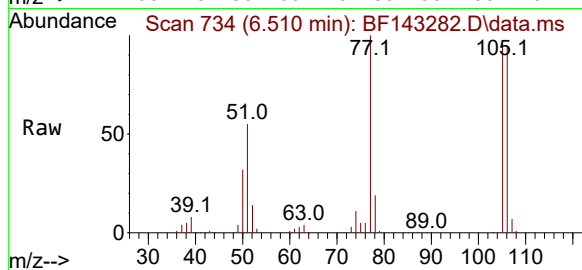
Tgt Ion: 77 Resp: 202047

Ion Ratio Lower Upper

77 100

105 95.6 76.8 116.8

106 93.7 74.4 114.4



#10

Phenol

Concen: 46.153 ng

RT: 6.604 min Scan# 750

Delta R.T. 0.006 min

Lab File: BF143282.D

Acq: 01 Aug 2025 15:05

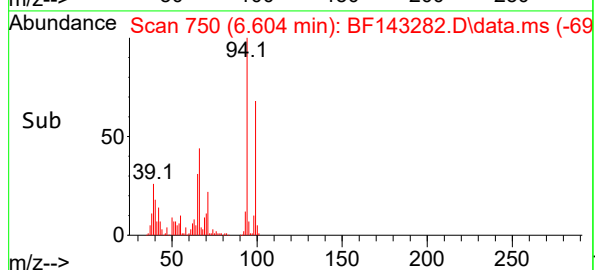
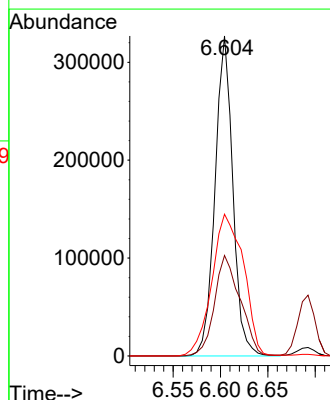
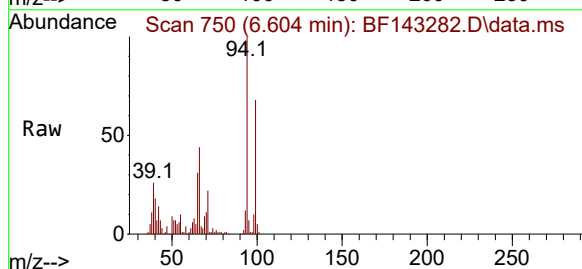
Tgt Ion: 94 Resp: 429004

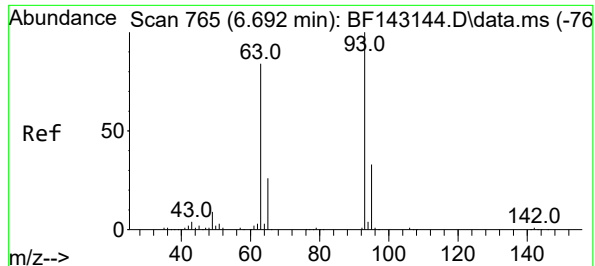
Ion Ratio Lower Upper

94 100

65 31.4 10.0 50.0

66 44.3 20.8 60.8

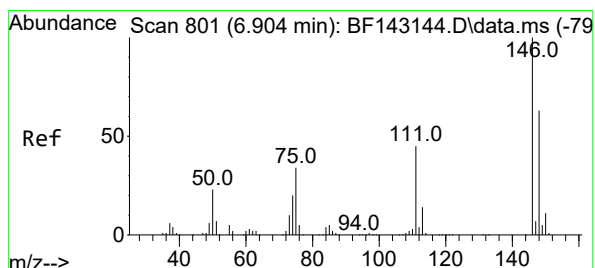
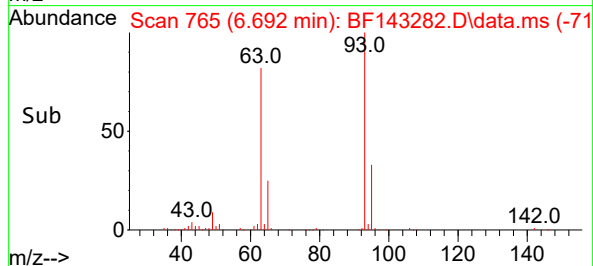
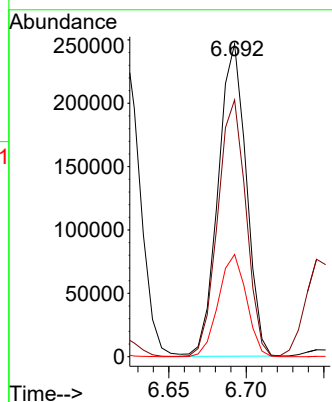
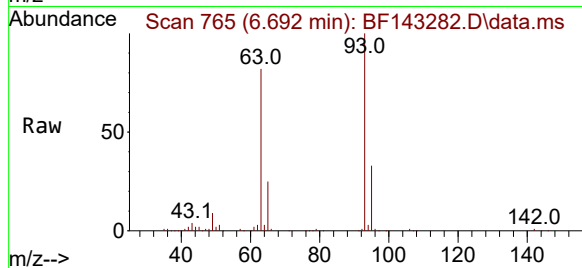




#11
 bis(2-Chloroethyl)ether
 Concen: 43.659 ng
 RT: 6.692 min Scan# 765
 Delta R.T. -0.000 min
 Lab File: BF143282.D
 Acq: 01 Aug 2025 15:05

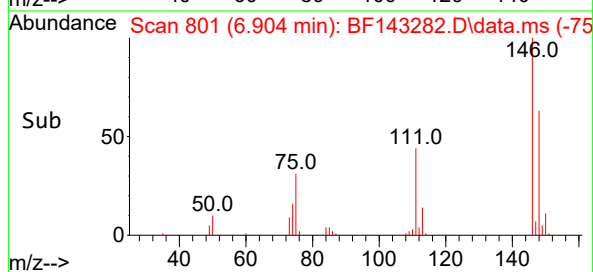
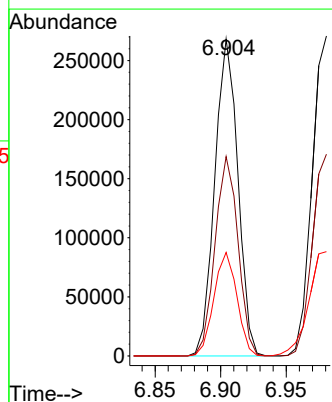
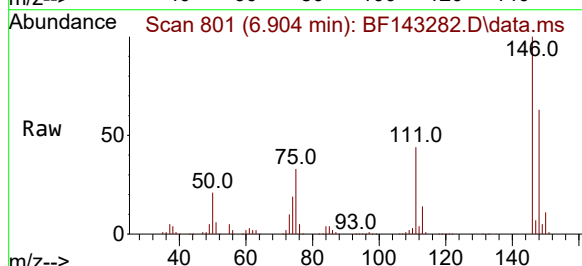
Instrument :
 BNA_F
 ClientSampleId :
 PB169087BSD

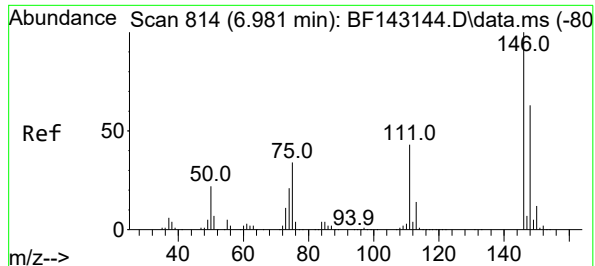
Tgt Ion: 93 Resp: 310729
 Ion Ratio Lower Upper
 93 100
 63 82.1 63.4 103.4
 95 32.7 12.4 52.4



#12
 1,3-Dichlorobenzene
 Concen: 42.490 ng
 RT: 6.904 min Scan# 801
 Delta R.T. -0.000 min
 Lab File: BF143282.D
 Acq: 01 Aug 2025 15:05

Tgt Ion: 146 Resp: 327981
 Ion Ratio Lower Upper
 146 100
 148 62.9 50.6 76.0
 75 32.7 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 43.471 ng

RT: 6.981 min Scan# 814

Delta R.T. -0.000 min

Lab File: BF143282.D

Acq: 01 Aug 2025 15:05

Instrument :

BNA_F

ClientSampleId :

PB169087BSD

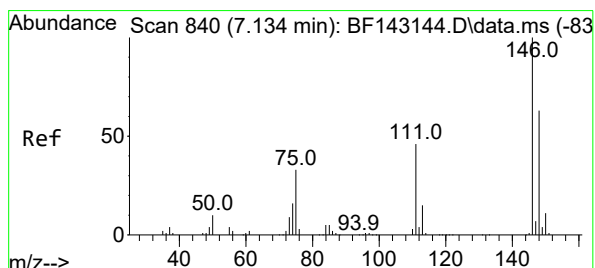
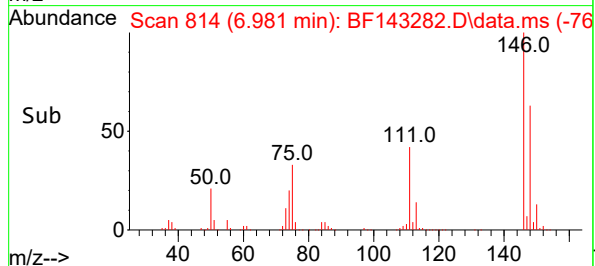
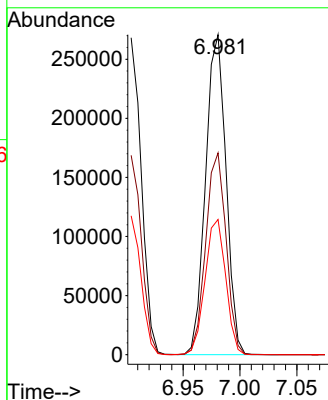
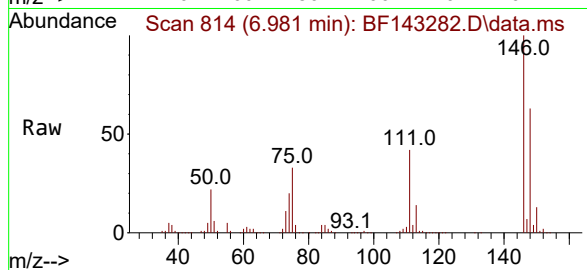
Tgt Ion:146 Resp: 337926

Ion Ratio Lower Upper

146 100

148 63.0 50.3 75.5

111 42.3 34.4 51.6



#14

1,2-Dichlorobenzene

Concen: 43.806 ng

RT: 7.134 min Scan# 840

Delta R.T. -0.000 min

Lab File: BF143282.D

Acq: 01 Aug 2025 15:05

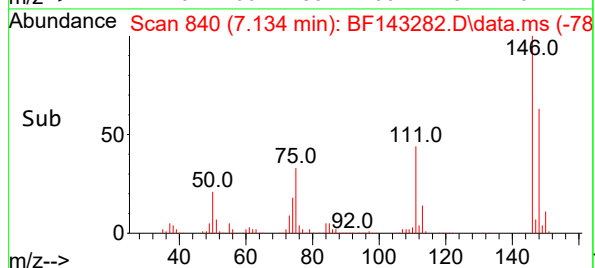
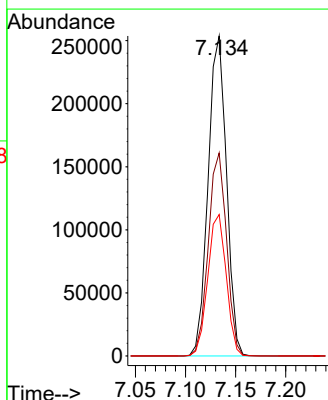
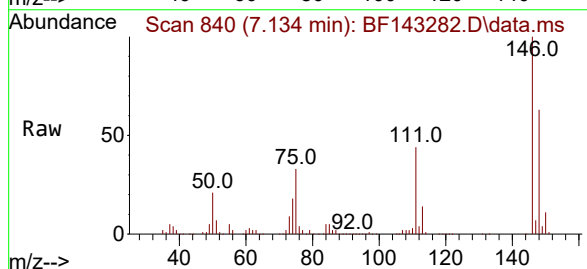
Tgt Ion:146 Resp: 323879

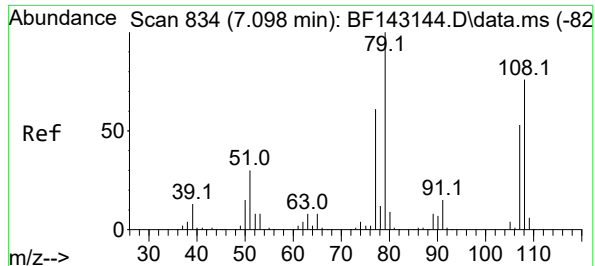
Ion Ratio Lower Upper

146 100

148 63.5 50.7 76.1

111 44.2 36.6 54.8





#15

Benzyl Alcohol

Concen: 43.714 ng

RT: 7.098 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF143282.D

Acq: 01 Aug 2025 15:05

Instrument :

BNA_F

ClientSampleId :

PB169087BSD

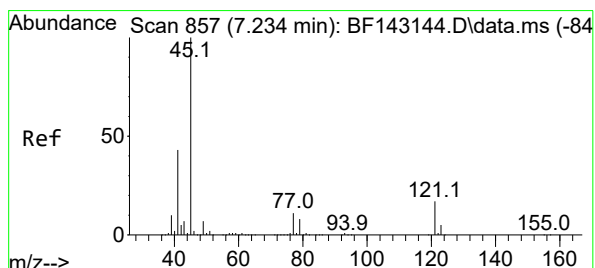
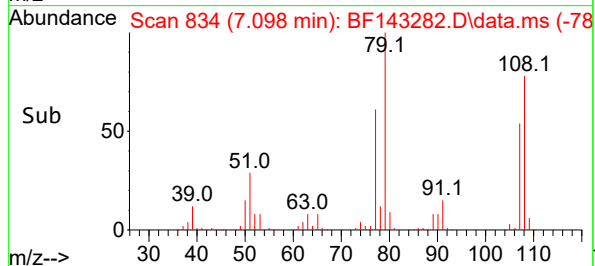
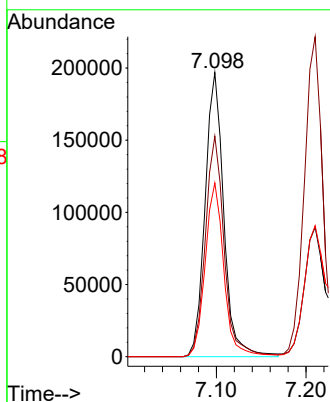
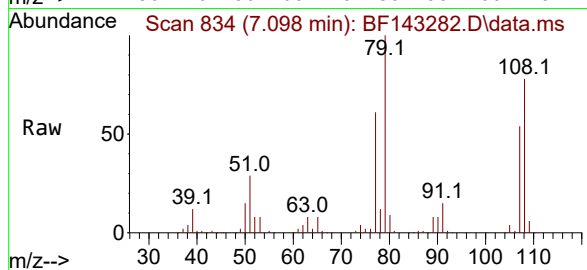
Tgt Ion: 79 Resp: 284799

Ion Ratio Lower Upper

79 100

108 77.6 61.1 91.7

77 61.1 48.9 73.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.590 ng

RT: 7.234 min Scan# 857

Delta R.T. 0.000 min

Lab File: BF143282.D

Acq: 01 Aug 2025 15:05

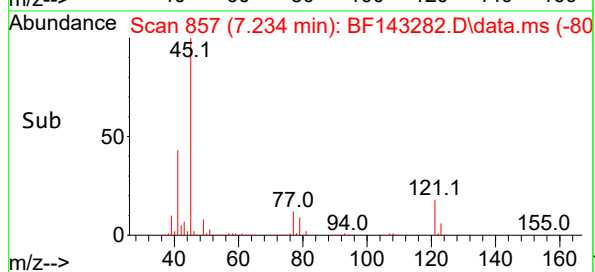
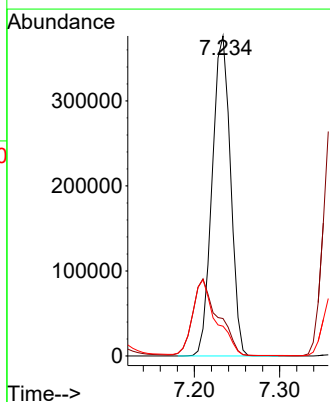
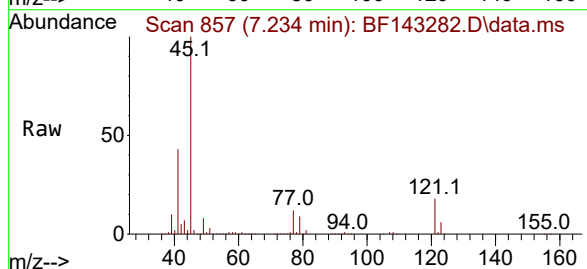
Tgt Ion: 45 Resp: 562292

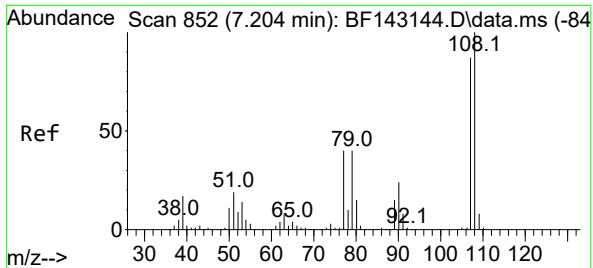
Ion Ratio Lower Upper

45 100

77 11.7 0.0 31.2

79 9.3 0.0 28.5

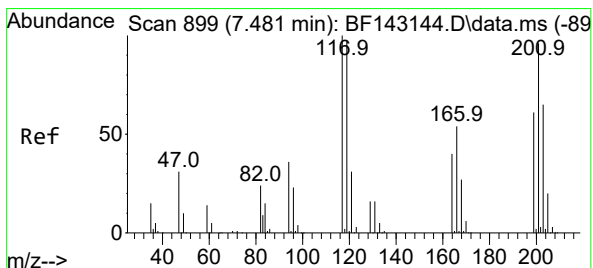
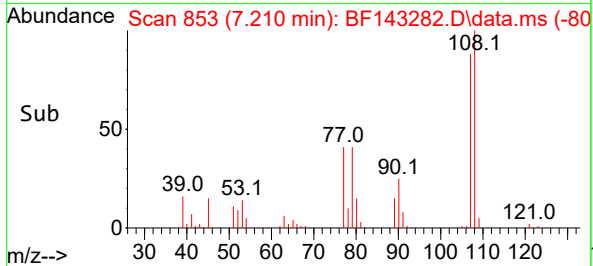
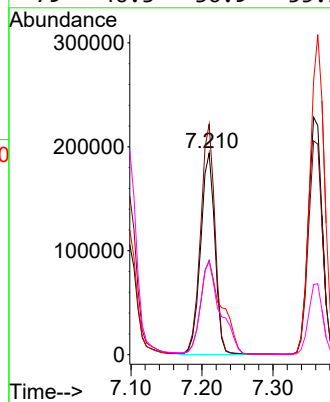
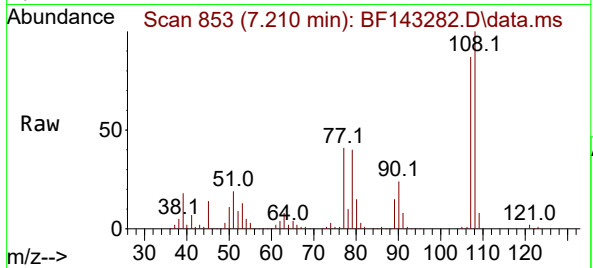




#17
2-Methylphenol
Concen: 45.634 ng
RT: 7.210 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

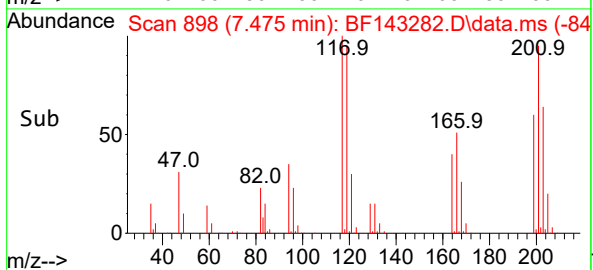
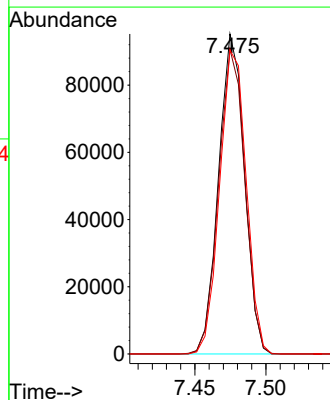
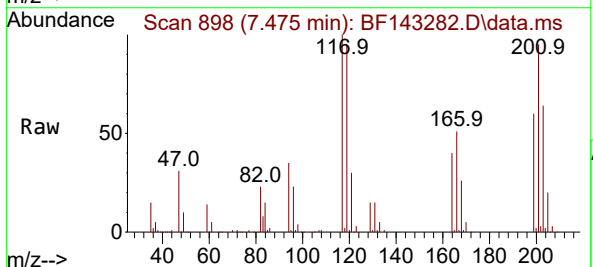
Instrument :
BNA_F
ClientSampleId :
PB169087BSD

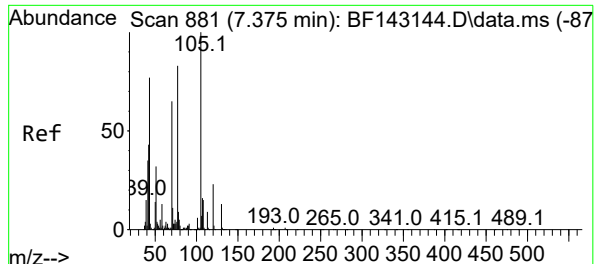
Tgt Ion:107 Resp: 272647
Ion Ratio Lower Upper
107 100
108 114.4 91.8 137.6
77 46.8 37.0 55.6
79 46.3 36.9 55.3



#18
Hexachloroethane
Concen: 44.839 ng
RT: 7.475 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

Tgt Ion:117 Resp: 120665
Ion Ratio Lower Upper
117 100
119 95.3 77.8 116.8
201 95.0 77.0 115.4





#19

n-Nitroso-di-n-propylamine

Concen: 42.391 ng

RT: 7.369 min Scan# 881

Delta R.T. -0.006 min

Lab File: BF143282.D

Acq: 01 Aug 2025 15:05

Instrument :

BNA_F

ClientSampleId :

PB169087BSD

Tgt Ion: 70 Resp: 232055

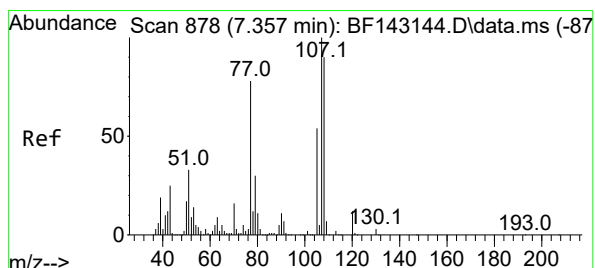
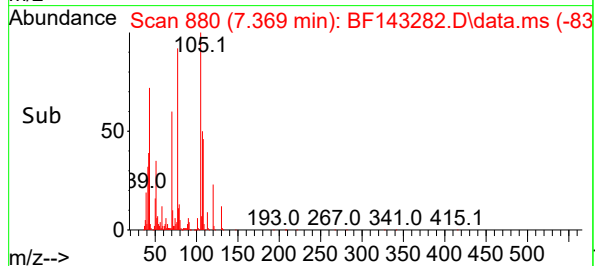
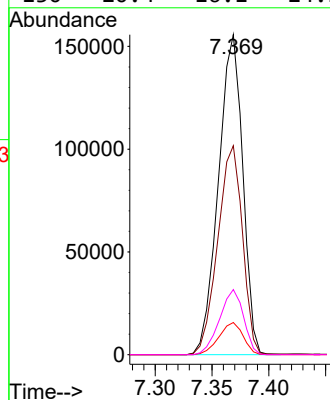
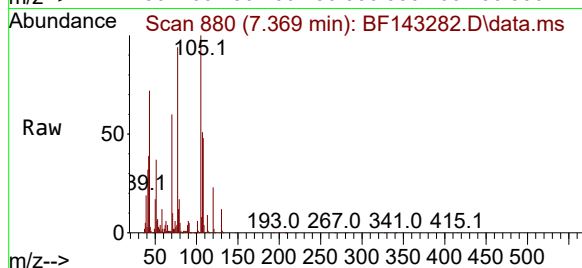
Ion Ratio Lower Upper

70 100

42 65.3 52.5 78.7

101 10.1 7.6 11.4

130 20.4 16.1 24.1



#20

3+4-Methylphenols

Concen: 43.279 ng

RT: 7.357 min Scan# 878

Delta R.T. 0.000 min

Lab File: BF143282.D

Acq: 01 Aug 2025 15:05

Tgt Ion:107 Resp: 313721

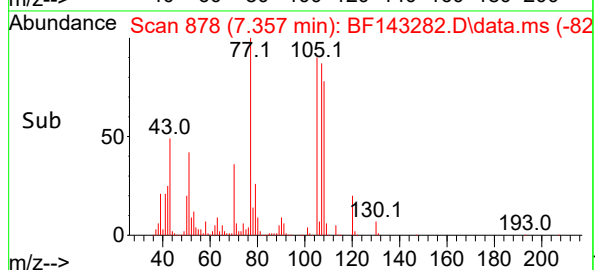
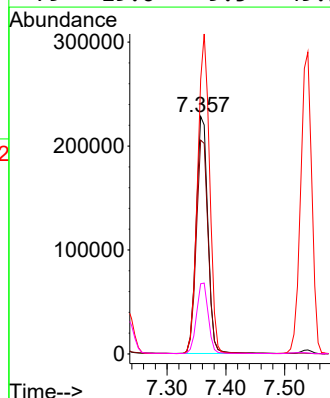
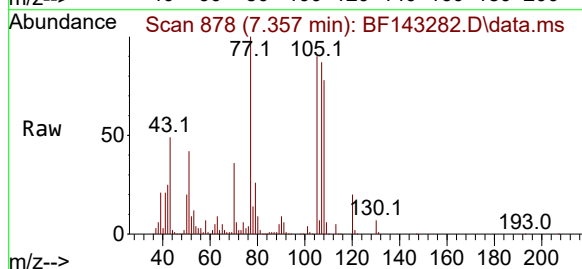
Ion Ratio Lower Upper

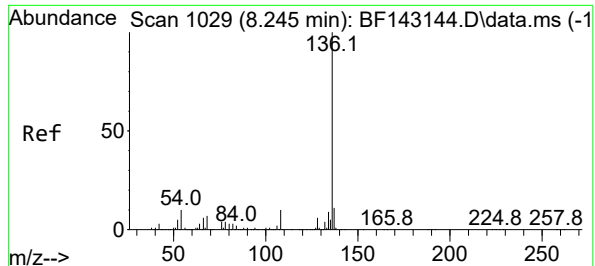
107 100

108 90.0 70.0 110.0

77 115.5 57.8 97.8#

79 29.6 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: BF143282.D

Acq: 01 Aug 2025 15:05

Instrument :

BNA_F

ClientSampleId :

PB169087BSD

Tgt Ion:136 Resp: 412890

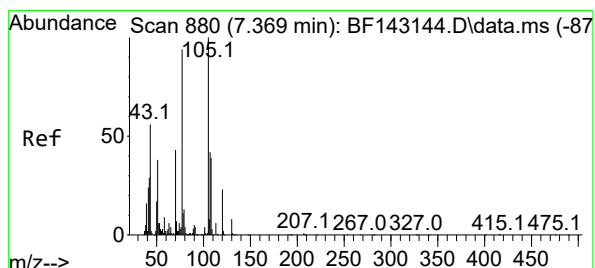
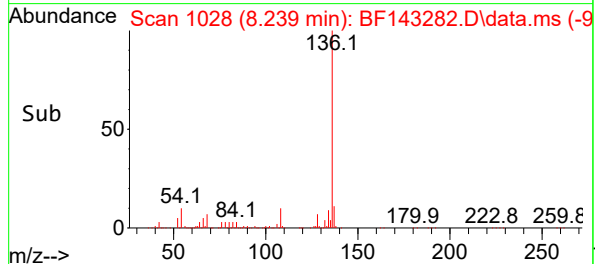
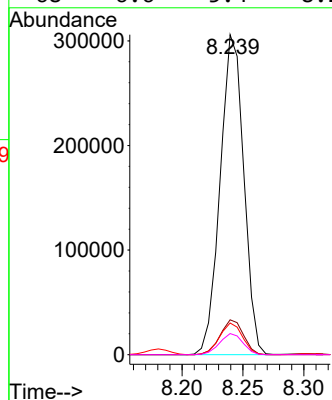
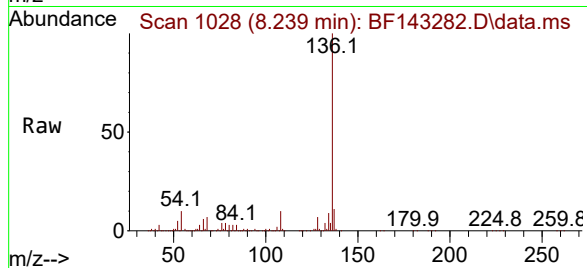
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 9.9 8.2 12.2

68 6.6 5.4 8.2



#22

Acetophenone

Concen: 43.528 ng

RT: 7.363 min Scan# 879

Delta R.T. -0.006 min

Lab File: BF143282.D

Acq: 01 Aug 2025 15:05

Tgt Ion:105 Resp: 425493

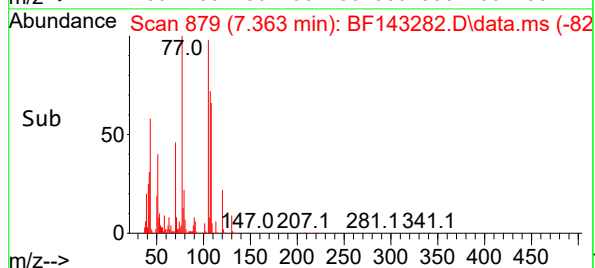
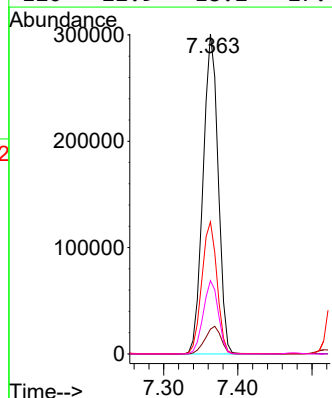
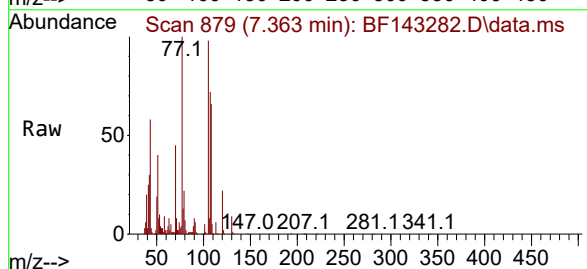
Ion Ratio Lower Upper

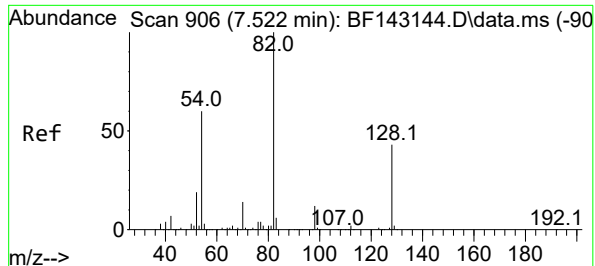
105 100

71 7.8 5.8 8.6

51 41.3 30.2 45.2

120 22.9 18.2 27.4





#23

Nitrobenzene-d5

Concen: 84.928 ng

RT: 7.516 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF143282.D

Acq: 01 Aug 2025 15:05

Instrument :

BNA_F

ClientSampleId :

PB169087BSD

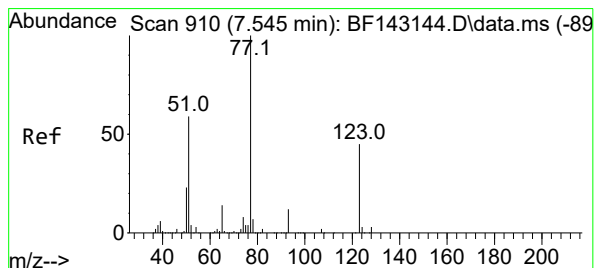
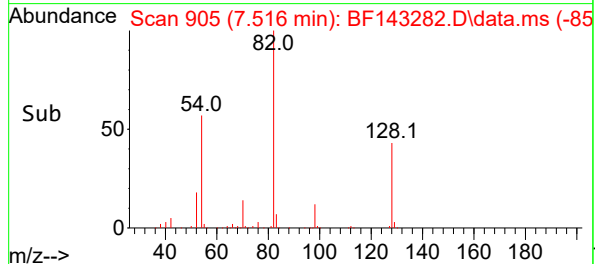
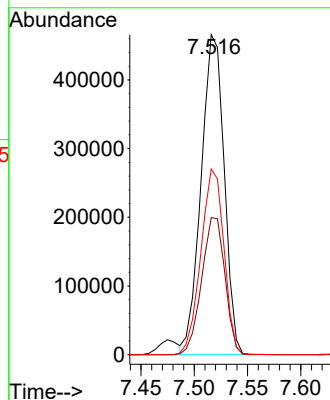
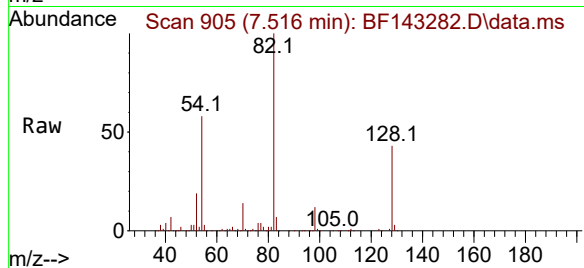
Tgt Ion: 82 Resp: 703470

Ion Ratio Lower Upper

82 100

128 42.8 33.6 50.4

54 58.1 47.1 70.7



#24

Nitrobenzene

Concen: 49.381 ng

RT: 7.539 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF143282.D

Acq: 01 Aug 2025 15:05

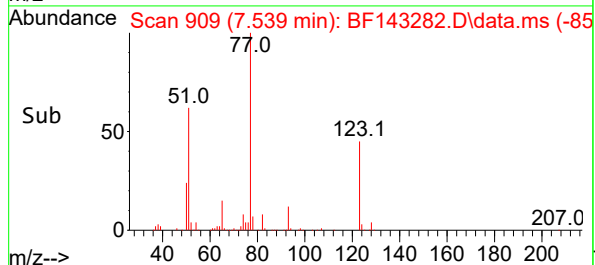
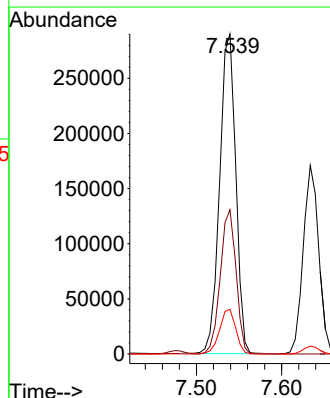
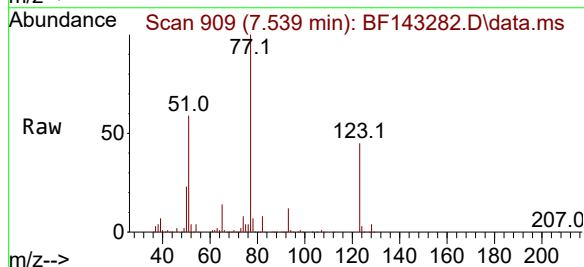
Tgt Ion: 77 Resp: 381344

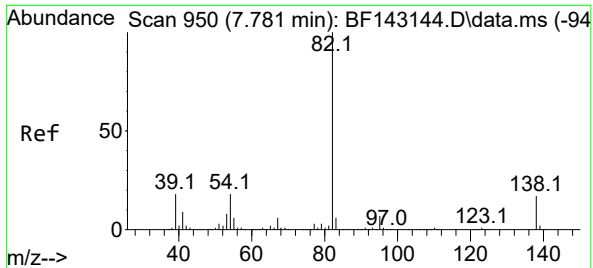
Ion Ratio Lower Upper

77 100

123 45.1 36.1 54.1

65 13.9 11.4 17.2

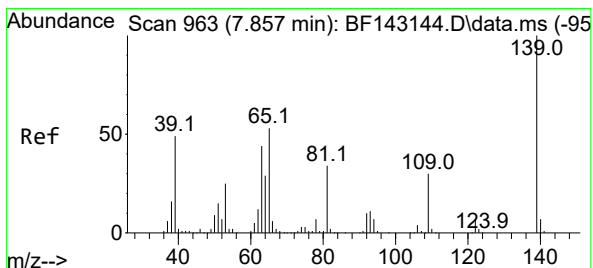
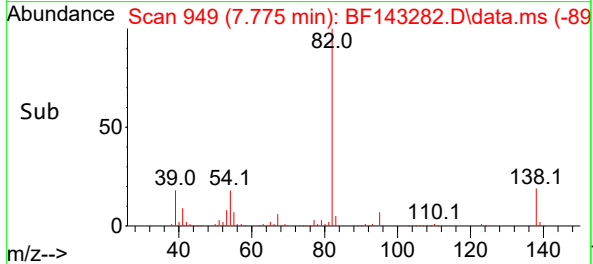
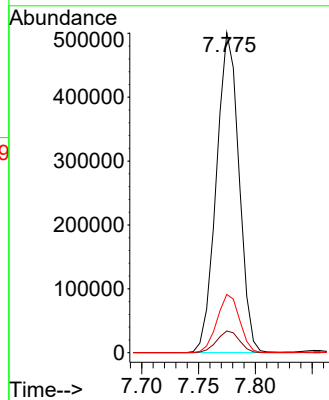
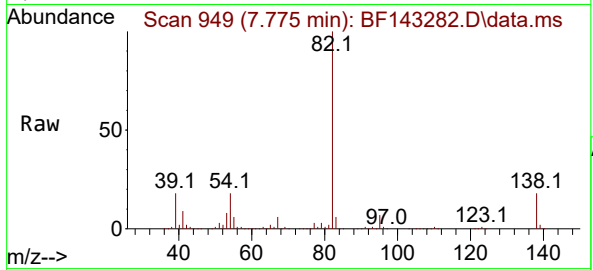




#25
Isophorone
Concen: 47.490 ng
RT: 7.775 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

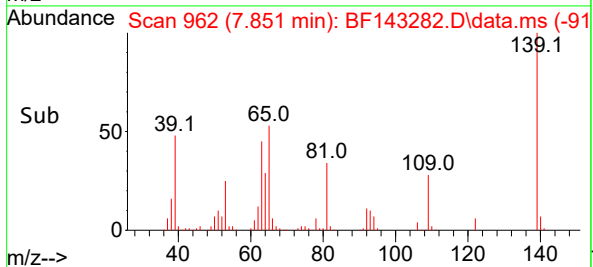
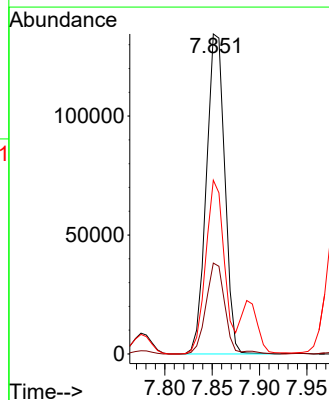
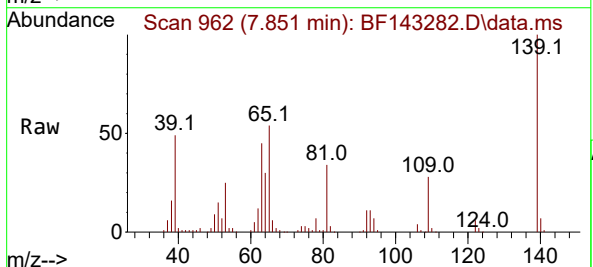
Instrument :
BNA_F
ClientSampleId :
PB169087BSD

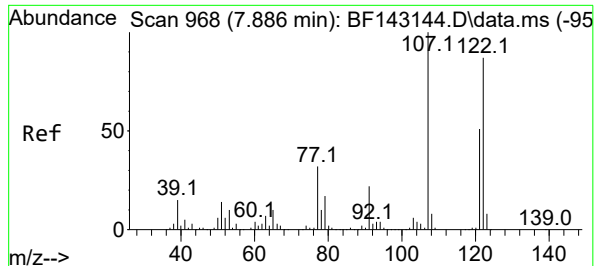
Tgt Ion: 82 Resp: 694419
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 18.2 13.8 20.8



#26
2-Nitrophenol
Concen: 54.256 ng
RT: 7.851 min Scan# 962
Delta R.T. -0.006 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

Tgt Ion:139 Resp: 181842
Ion Ratio Lower Upper
139 100
109 28.4 23.6 35.4
65 54.3 42.6 64.0





#27

2,4-Dimethylphenol

Concen: 43.810 ng

RT: 7.886 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF143282.D

Acq: 01 Aug 2025 15:05

Instrument :

BNA_F

ClientSampleId :

PB169087BSD

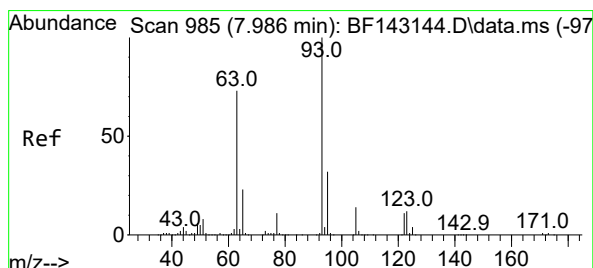
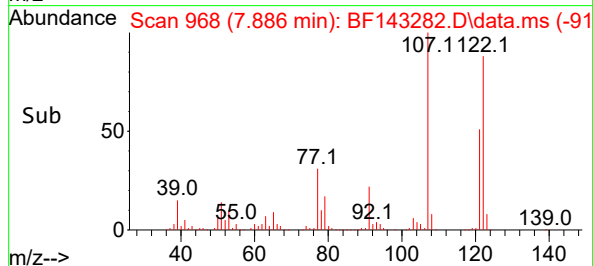
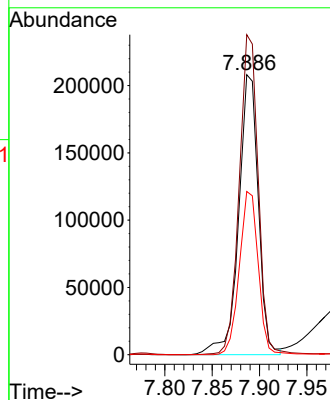
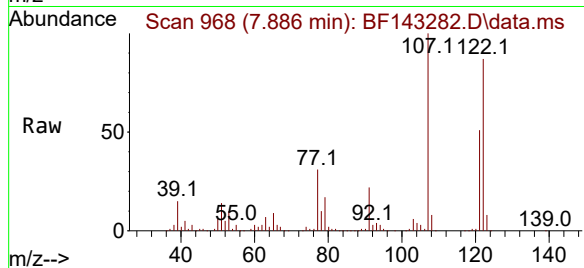
Tgt Ion:122 Resp: 299296

Ion Ratio Lower Upper

122 100

107 114.3 91.8 137.6

121 58.3 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 44.219 ng

RT: 7.981 min Scan# 984

Delta R.T. -0.006 min

Lab File: BF143282.D

Acq: 01 Aug 2025 15:05

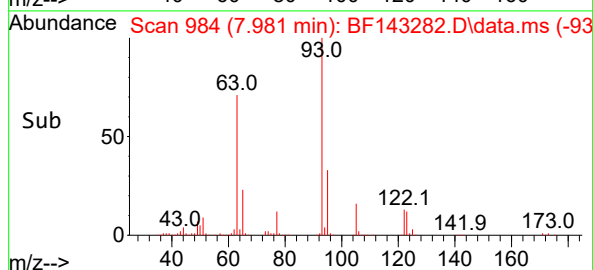
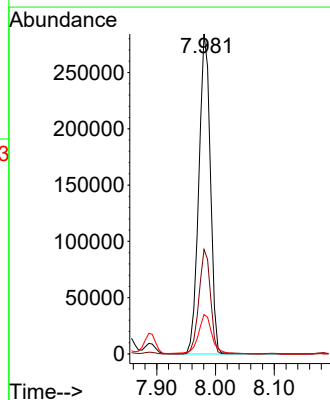
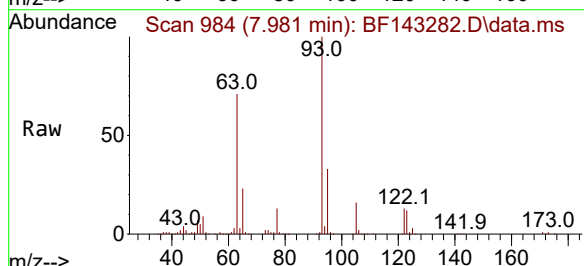
Tgt Ion: 93 Resp: 387678

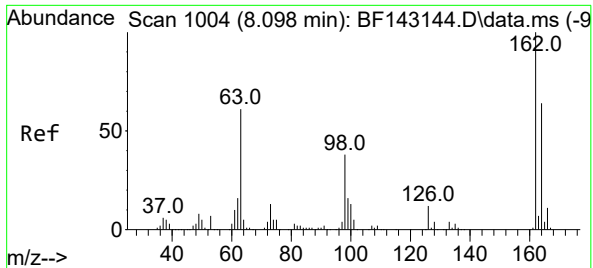
Ion Ratio Lower Upper

93 100

95 32.6 25.8 38.6

123 12.3 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 44.691 ng

RT: 8.098 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BF143282.D

Acq: 01 Aug 2025 15:05

Instrument :

BNA_F

ClientSampleId :

PB169087BSD

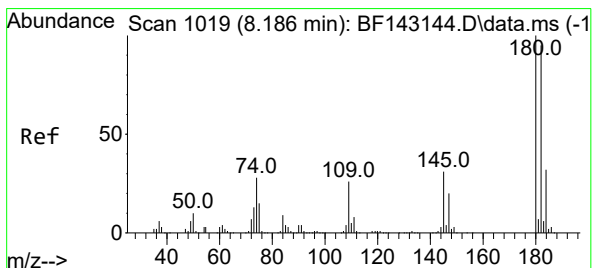
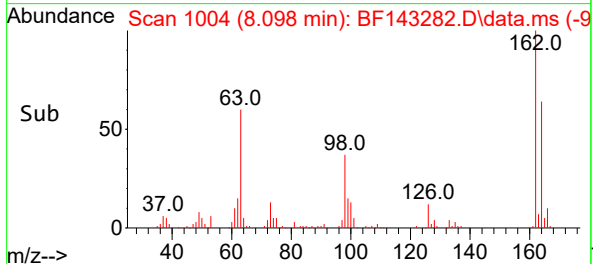
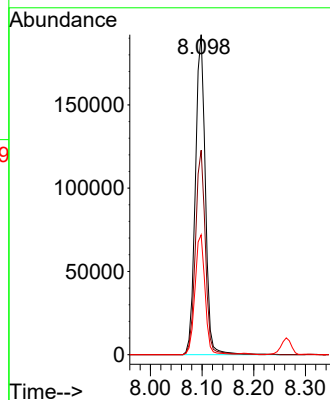
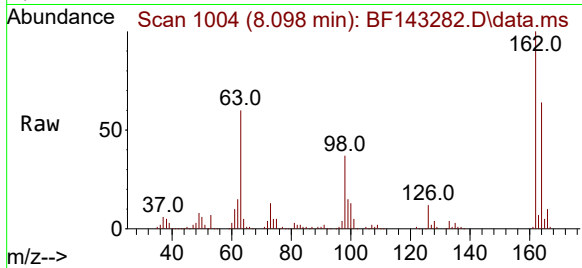
Tgt Ion:162 Resp: 257480

Ion Ratio Lower Upper

162 100

164 63.9 44.2 84.2

98 37.4 17.9 57.9



#30

1,2,4-Trichlorobenzene

Concen: 43.856 ng

RT: 8.181 min Scan# 1018

Delta R.T. -0.006 min

Lab File: BF143282.D

Acq: 01 Aug 2025 15:05

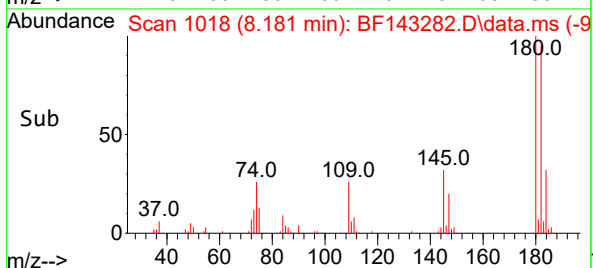
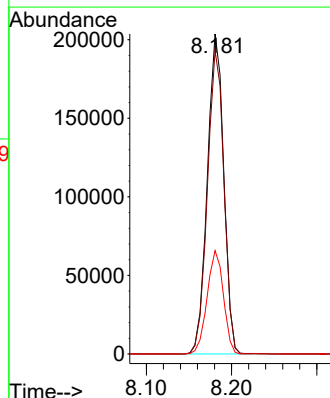
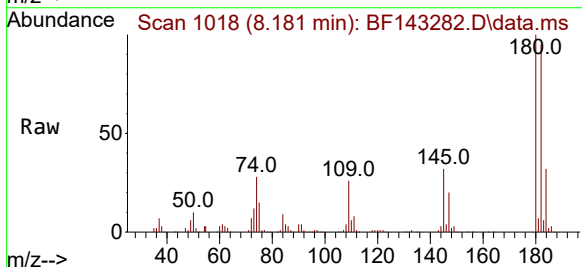
Tgt Ion:180 Resp: 272976

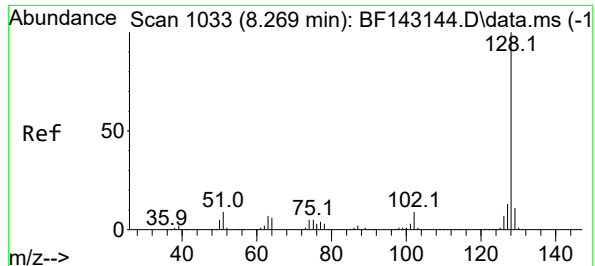
Ion Ratio Lower Upper

180 100

182 94.8 76.2 114.2

145 32.3 25.0 37.6





#31

Naphthalene

Concen: 44.564 ng

RT: 8.263 min Scan# 1033

Delta R.T. -0.006 min

Lab File: BF143282.D

Acq: 01 Aug 2025 15:05

Instrument :

BNA_F

ClientSampleId :

PB169087BSD

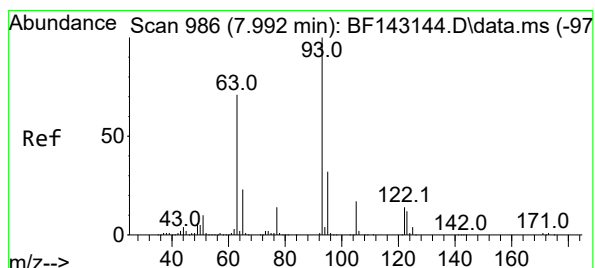
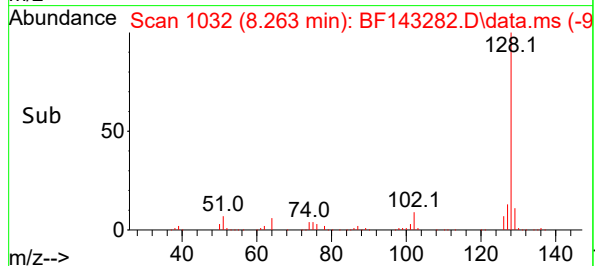
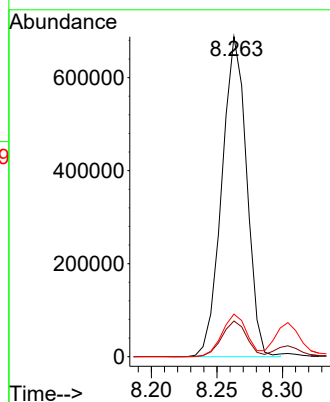
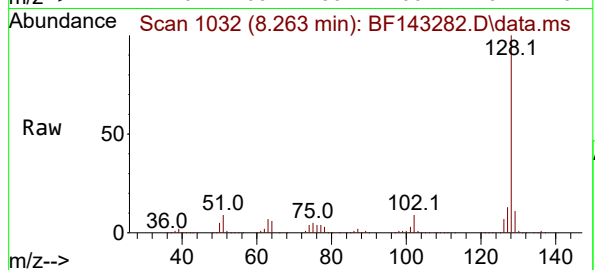
Tgt Ion:128 Resp: 906176

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.4

127 13.3 10.6 16.0



#32

Benzoic acid

Concen: 42.771 ng

RT: 7.998 min Scan# 987

Delta R.T. 0.006 min

Lab File: BF143282.D

Acq: 01 Aug 2025 15:05

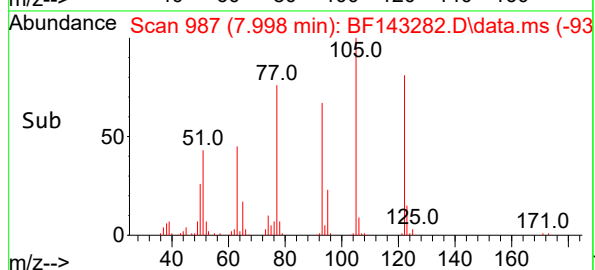
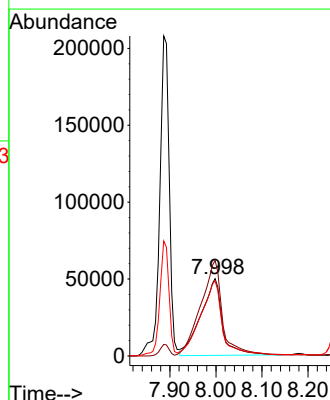
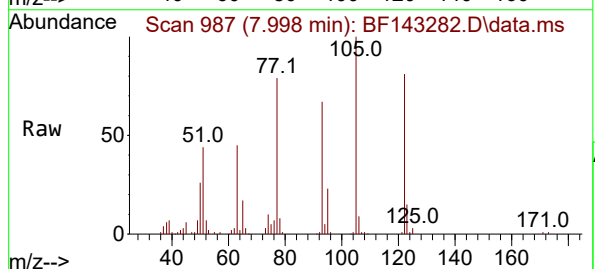
Tgt Ion:122 Resp: 162165

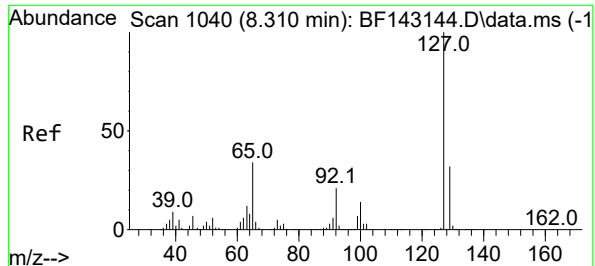
Ion Ratio Lower Upper

122 100

105 123.7 104.8 144.8

77 97.2 77.6 117.6





#33

4-Chloroaniline

Concen: 12.923 ng

RT: 8.304 min Scan# 1039

Delta R.T. -0.006 min

Lab File: BF143282.D

Acq: 01 Aug 2025 15:05

Instrument :

BNA_F

ClientSampleId :

PB169087BSD

Tgt Ion:127 Resp: 107302

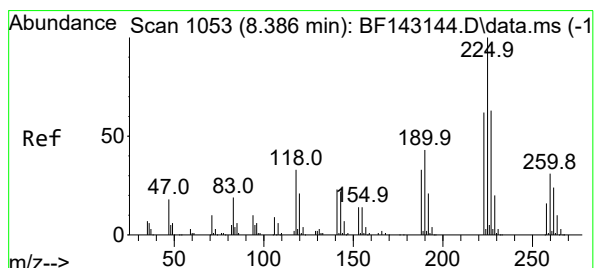
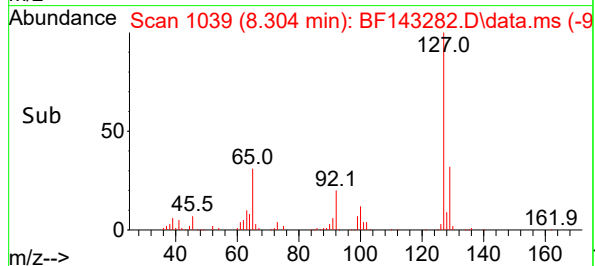
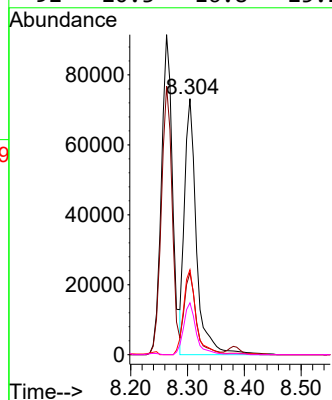
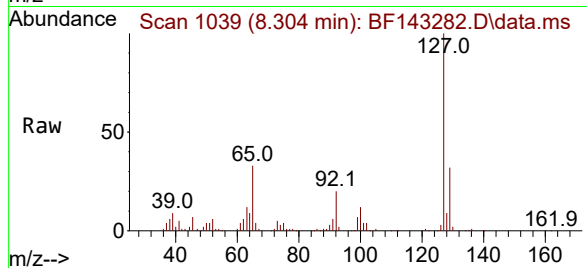
Ion Ratio Lower Upper

127 100

129 32.0 26.0 39.0

65 33.2 27.4 41.2

92 20.3 16.8 25.2



#34

Hexachlorobutadiene

Concen: 44.350 ng

RT: 8.381 min Scan# 1052

Delta R.T. -0.006 min

Lab File: BF143282.D

Acq: 01 Aug 2025 15:05

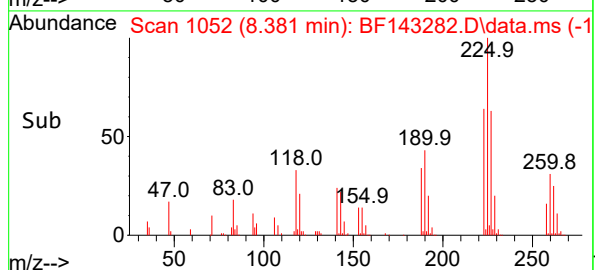
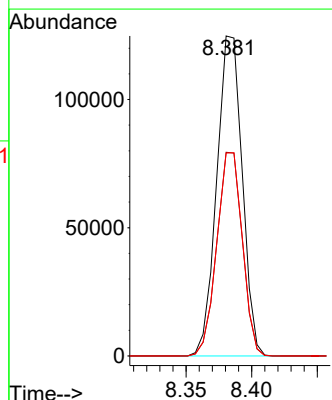
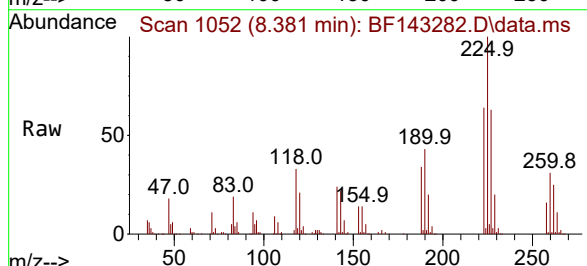
Tgt Ion:225 Resp: 168633

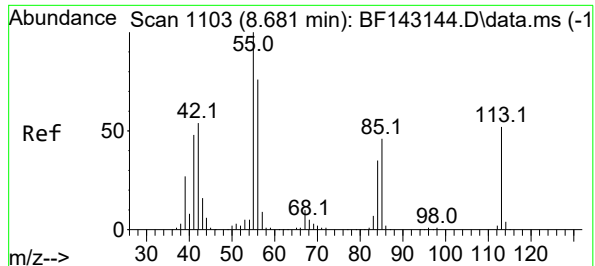
Ion Ratio Lower Upper

225 100

223 63.6 49.8 74.6

227 63.4 50.2 75.4





#35

Caprolactam

Concen: 50.881 ng m

RT: 8.669 min Scan# 1103

Delta R.T. -0.012 min

Lab File: BF143282.D

Acq: 01 Aug 2025 15:05

Instrument :

BNA_F

ClientSampleId :

PB169087BSD

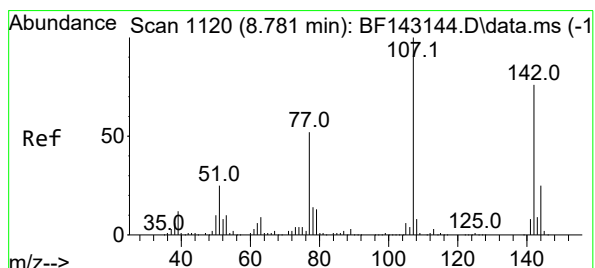
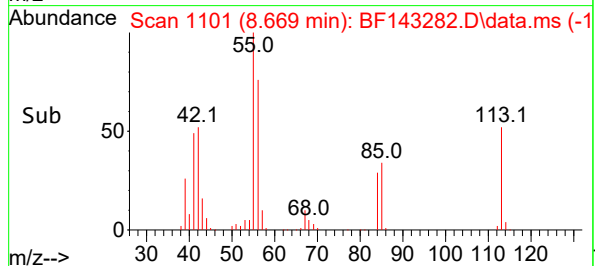
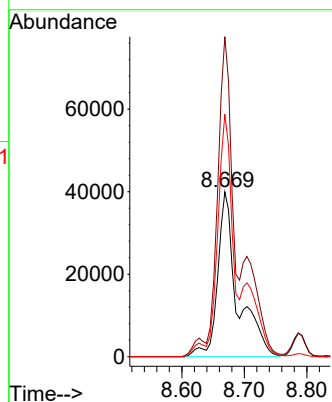
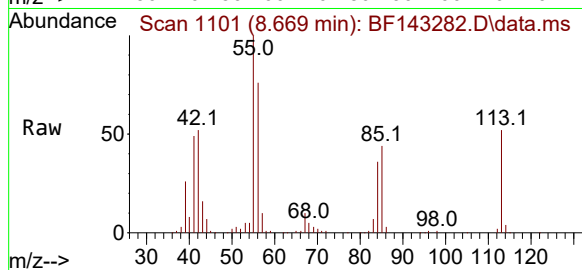
Tgt Ion:113 Resp: 88583

Ion Ratio Lower Upper

113 100

55 194.1 174.0 214.0

56 147.0 126.6 166.6



#36

4-Chloro-3-methylphenol

Concen: 44.852 ng

RT: 8.786 min Scan# 1121

Delta R.T. 0.006 min

Lab File: BF143282.D

Acq: 01 Aug 2025 15:05

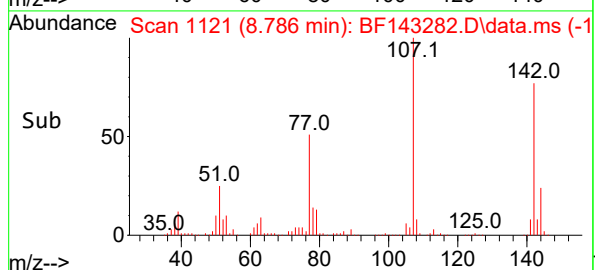
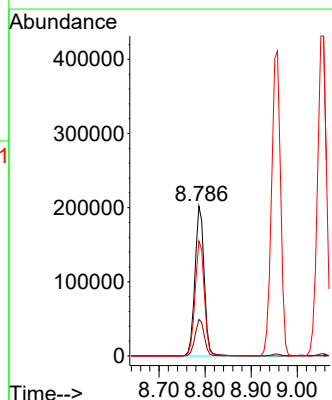
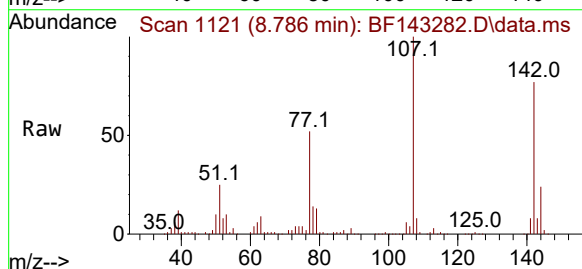
Tgt Ion:107 Resp: 280867

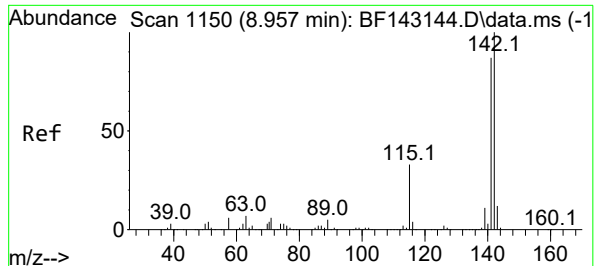
Ion Ratio Lower Upper

107 100

144 24.4 19.8 29.6

142 76.7 60.6 90.8





#37

2-Methylnaphthalene

Concen: 44.990 ng

RT: 8.957 min Scan# 1150

Delta R.T. 0.000 min

Lab File: BF143282.D

Acq: 01 Aug 2025 15:05

Instrument :

BNA_F

ClientSampleId :

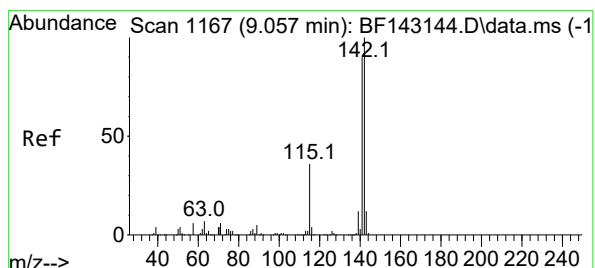
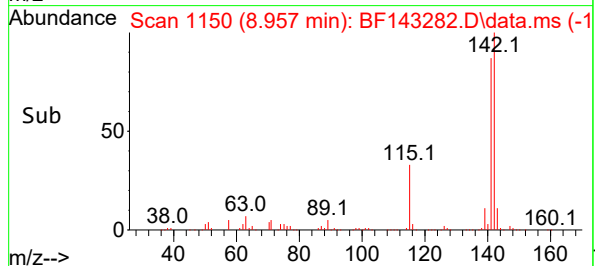
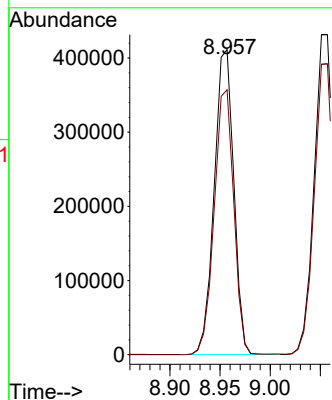
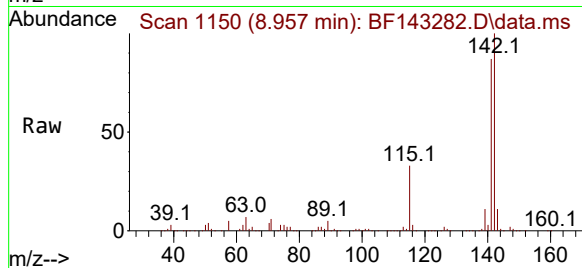
PB169087BSD

Tgt Ion:142 Resp: 556698

Ion Ratio Lower Upper

142 100

141 86.9 69.9 104.9



#38

1-Methylnaphthalene

Concen: 46.070 ng

RT: 9.057 min Scan# 1167

Delta R.T. -0.000 min

Lab File: BF143282.D

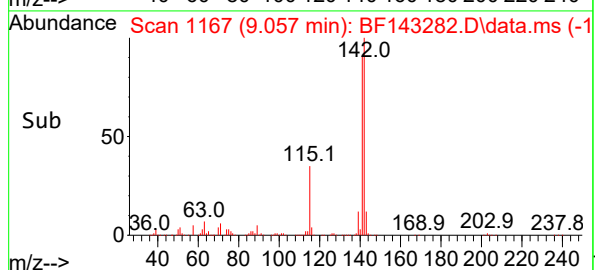
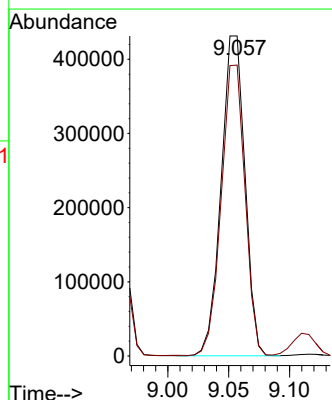
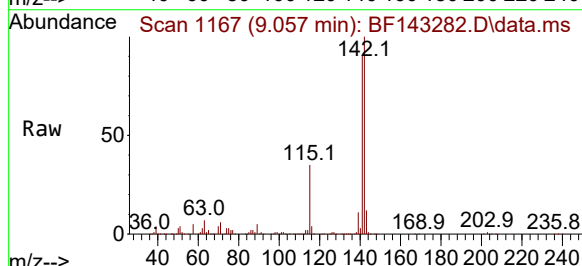
Acq: 01 Aug 2025 15:05

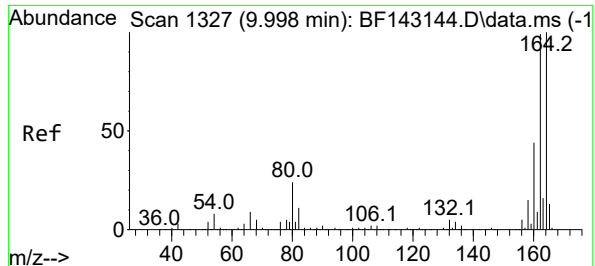
Tgt Ion:142 Resp: 587013

Ion Ratio Lower Upper

142 100

141 90.9 72.3 108.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.998 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF143282.D

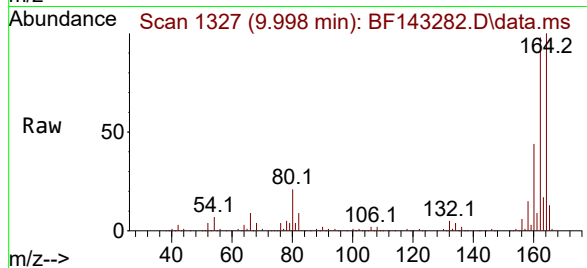
Acq: 01 Aug 2025 15:05

Instrument :

BNA_F

ClientSampleId :

PB169087BSD



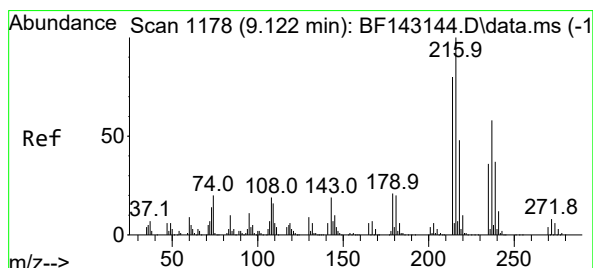
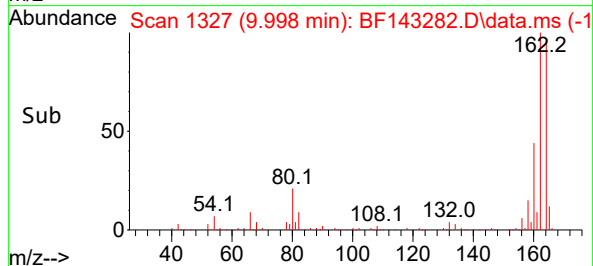
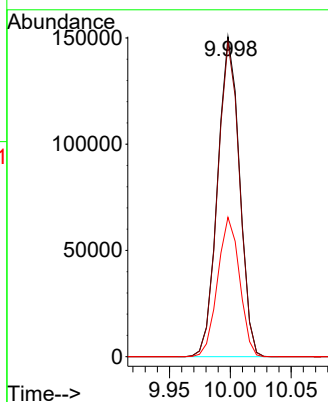
Tgt Ion:164 Resp: 188744

Ion Ratio Lower Upper

164 100

162 98.2 79.0 118.6

160 43.6 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.883 ng

RT: 9.122 min Scan# 1178

Delta R.T. -0.000 min

Lab File: BF143282.D

Acq: 01 Aug 2025 15:05

Tgt Ion:216 Resp: 282723

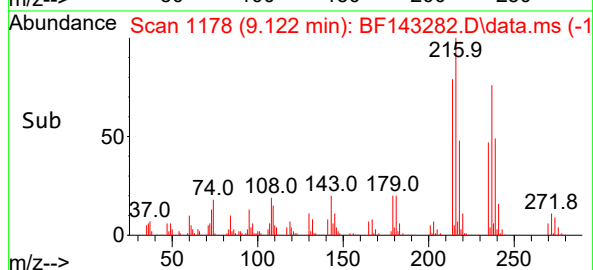
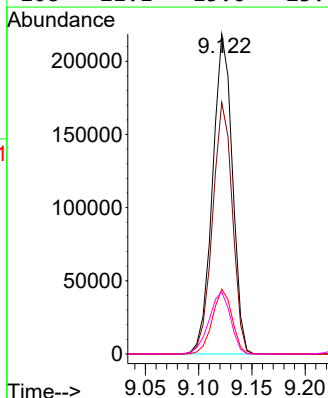
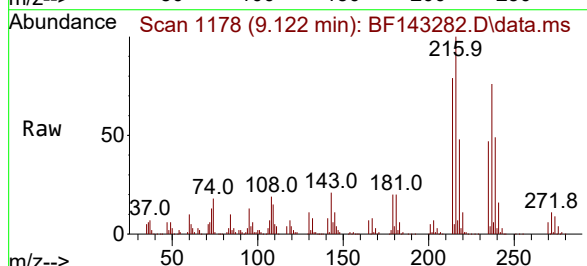
Ion Ratio Lower Upper

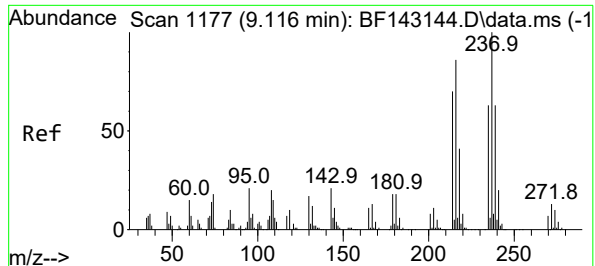
216 100

214 78.5 63.8 95.8

179 20.0 16.4 24.6

108 21.1 15.6 23.4





#41

Hexachlorocyclopentadiene

Concen: 98.869 ng

RT: 9.116 min Scan# 1177

Delta R.T. -0.000 min

Lab File: BF143282.D

Acq: 01 Aug 2025 15:05

Instrument :

BNA_F

ClientSampleId :

PB169087BSD

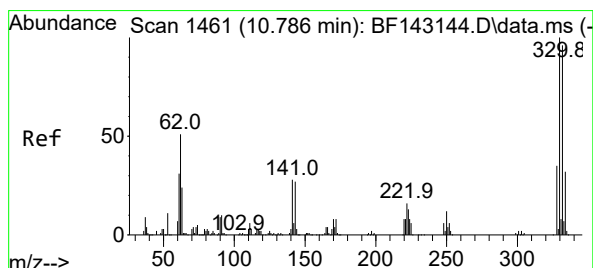
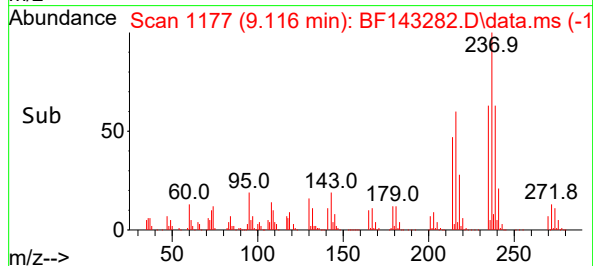
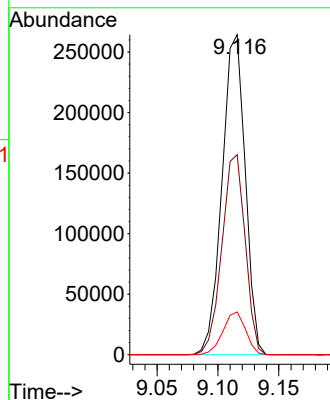
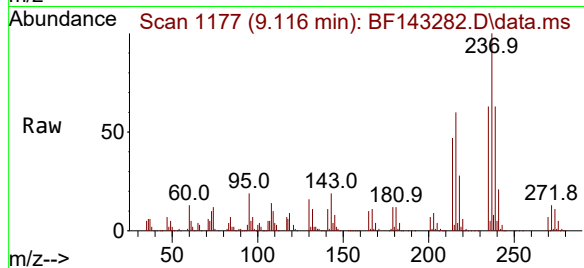
Tgt Ion:237 Resp: 350557

Ion Ratio Lower Upper

237 100

235 62.5 43.0 83.0

272 13.4 0.0 33.3



#42

2,4,6-Tribromophenol

Concen: 134.874 ng

RT: 10.792 min Scan# 1462

Delta R.T. 0.006 min

Lab File: BF143282.D

Acq: 01 Aug 2025 15:05

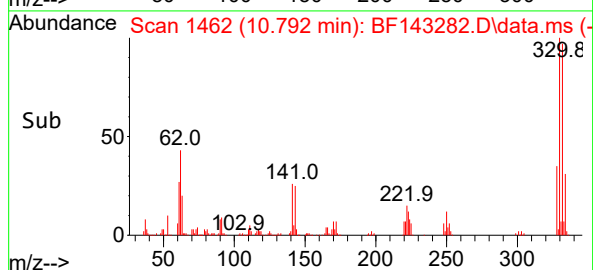
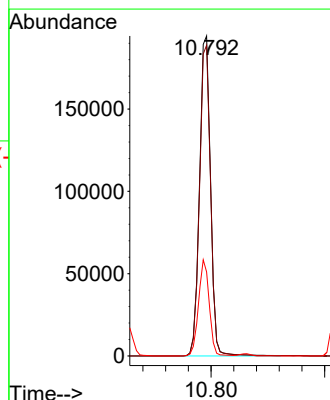
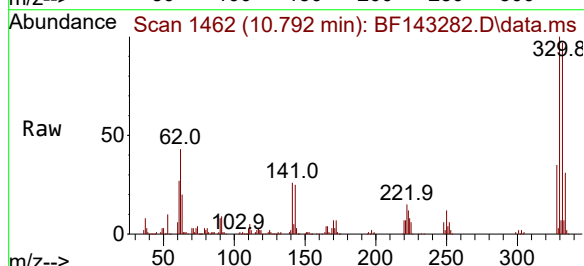
Tgt Ion:330 Resp: 262982

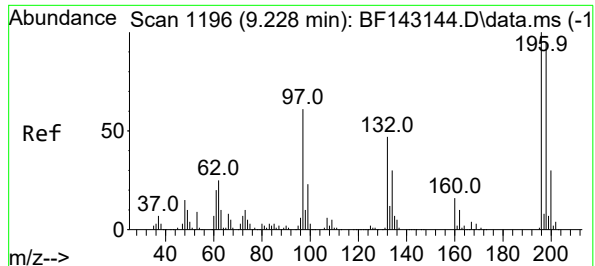
Ion Ratio Lower Upper

330 100

332 97.2 76.7 115.1

141 29.2 23.3 34.9





#43

2,4,6-Trichlorophenol

Concen: 49.396 ng

RT: 9.233 min Scan# 1196

Delta R.T. 0.006 min

Lab File: BF143282.D

Acq: 01 Aug 2025 15:05

Instrument :

BNA_F

ClientSampleId :

PB169087BSD

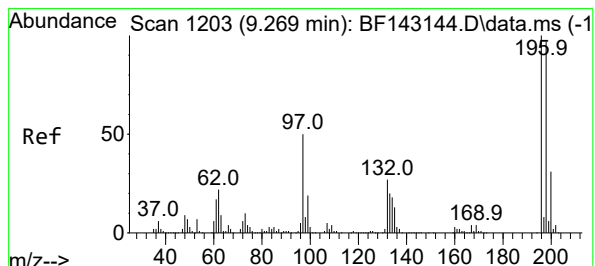
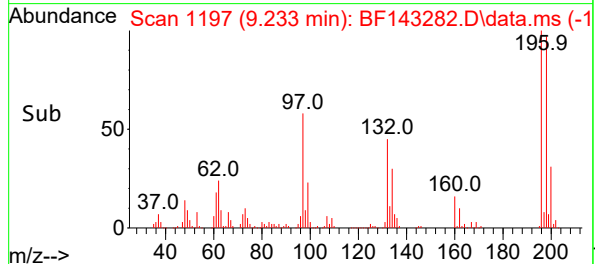
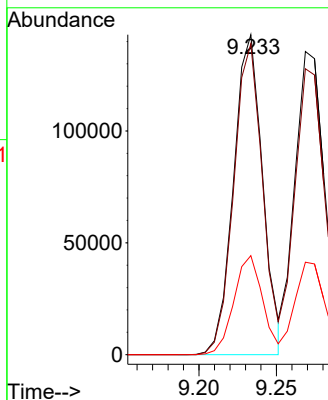
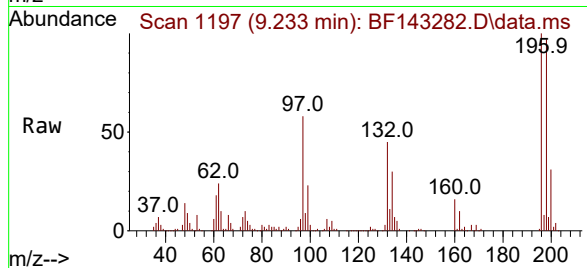
Tgt Ion:196 Resp: 186291

Ion Ratio Lower Upper

196 100

198 97.2 76.2 114.2

200 31.0 23.9 35.9



#44

2,4,5-Trichlorophenol

Concen: 49.134 ng

RT: 9.269 min Scan# 1203

Delta R.T. -0.000 min

Lab File: BF143282.D

Acq: 01 Aug 2025 15:05

Tgt Ion:196 Resp: 185358

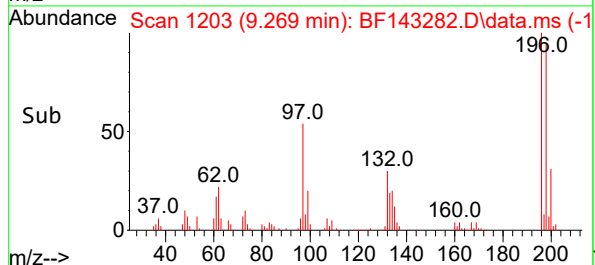
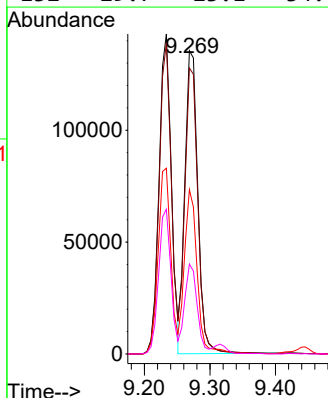
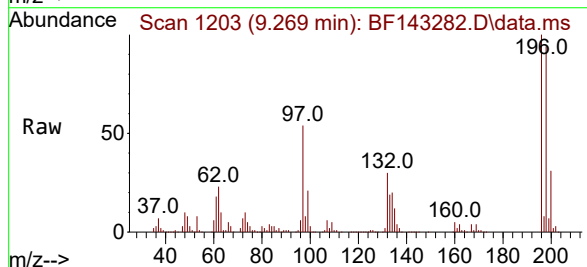
Ion Ratio Lower Upper

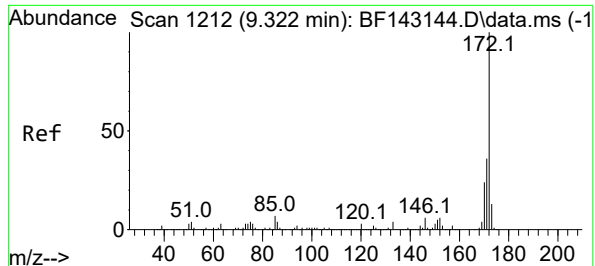
196 100

198 94.3 77.3 115.9

97 54.2 40.3 60.5

132 29.7 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 81.840 ng

RT: 9.316 min Scan# 1211

Delta R.T. -0.006 min

Lab File: BF143282.D

Acq: 01 Aug 2025 15:05

Instrument :

BNA_F

ClientSampleId :

PB169087BSD

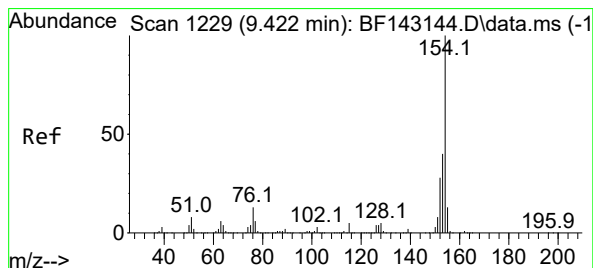
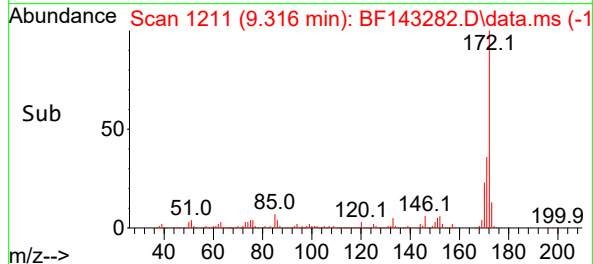
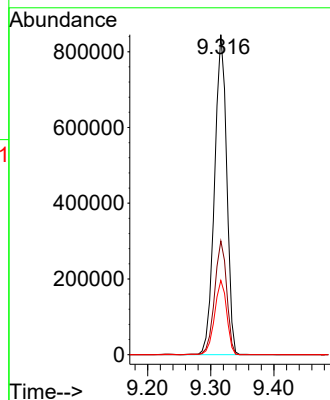
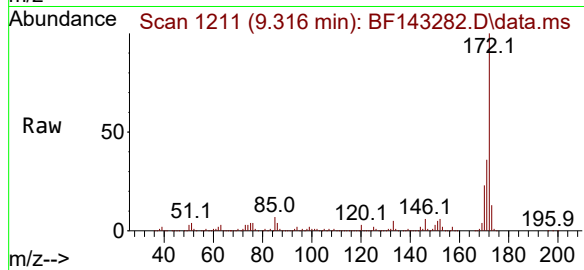
Tgt Ion:172 Resp: 1129466

Ion Ratio Lower Upper

172 100

171 35.5 28.6 42.8

170 23.2 18.8 28.2



#46

1,1'-Biphenyl

Concen: 44.519 ng

RT: 9.416 min Scan# 1228

Delta R.T. -0.006 min

Lab File: BF143282.D

Acq: 01 Aug 2025 15:05

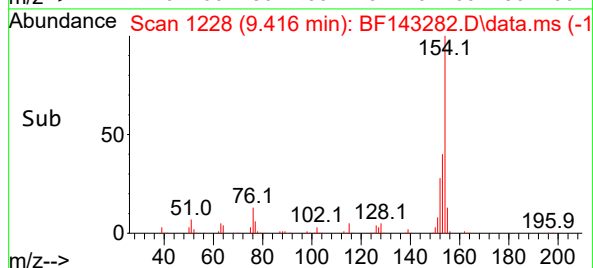
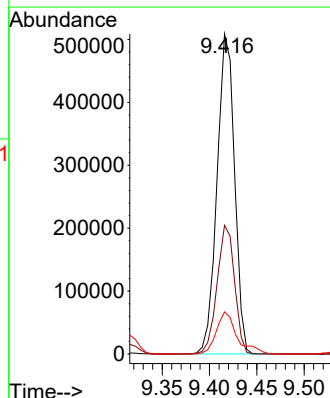
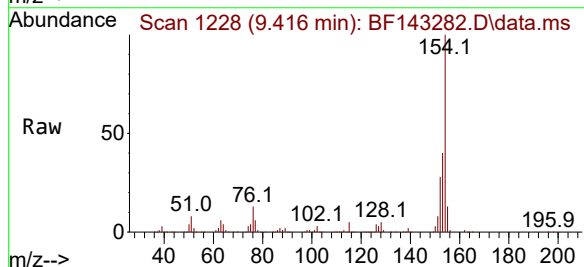
Tgt Ion:154 Resp: 655581

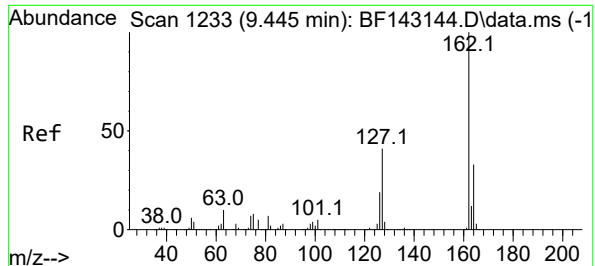
Ion Ratio Lower Upper

154 100

153 40.2 20.3 60.3

76 13.2 0.0 33.3





#47

2-Chloronaphthalene

Concen: 43.704 ng

RT: 9.445 min Scan# 1233

Delta R.T. 0.000 min

Lab File: BF143282.D

Acq: 01 Aug 2025 15:05

Instrument :

BNA_F

ClientSampleId :

PB169087BSD

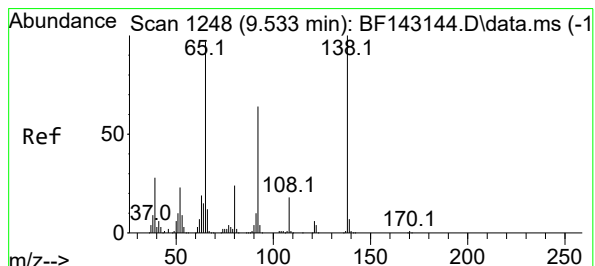
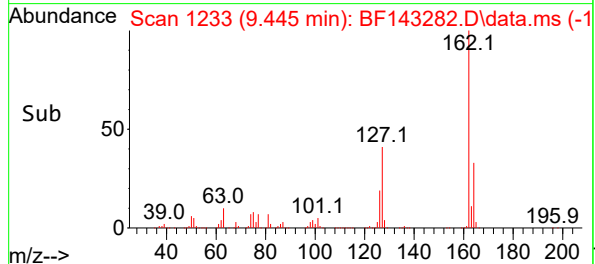
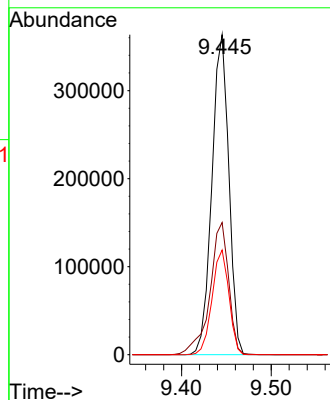
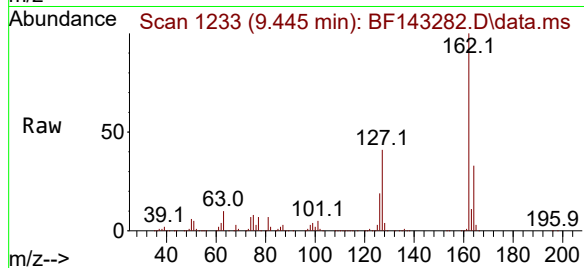
Tgt Ion:162 Resp: 476202

Ion Ratio Lower Upper

162 100

127 41.3 33.4 50.2

164 32.7 26.2 39.2



#48

2-Nitroaniline

Concen: 47.292 ng

RT: 9.533 min Scan# 1248

Delta R.T. 0.000 min

Lab File: BF143282.D

Acq: 01 Aug 2025 15:05

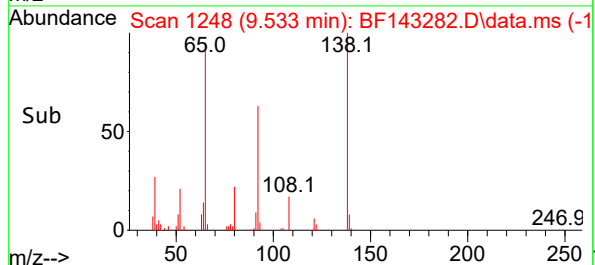
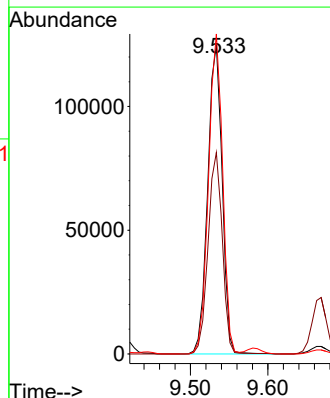
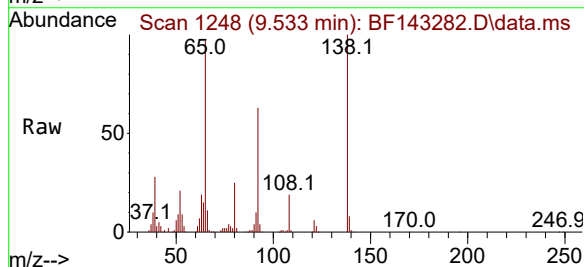
Tgt Ion: 65 Resp: 161594

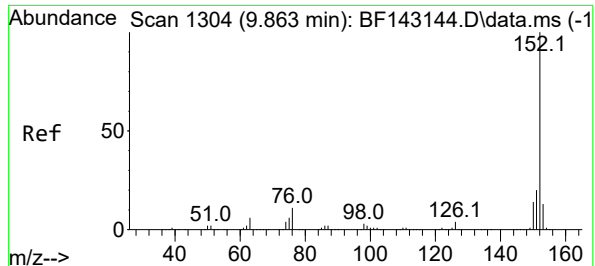
Ion Ratio Lower Upper

65 100

92 65.1 52.4 78.6

138 103.5 82.3 123.5





#49

Acenaphthylene

Concen: 44.019 ng

RT: 9.863 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF143282.D

Acq: 01 Aug 2025 15:05

Instrument :

BNA_F

ClientSampleId :

PB169087BSD

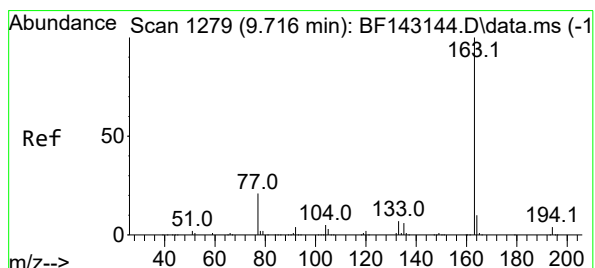
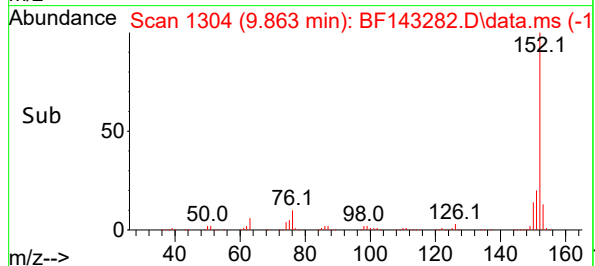
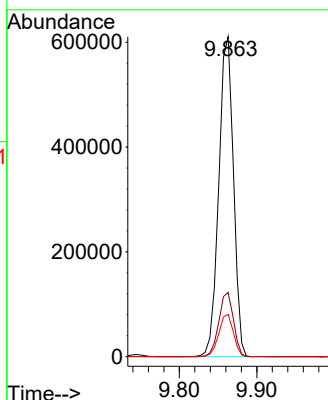
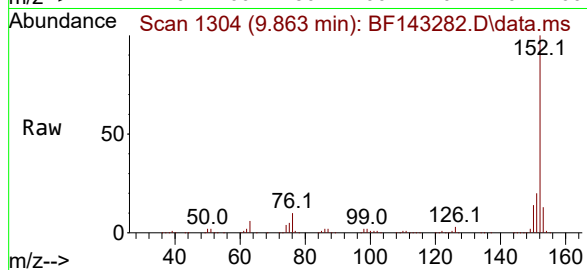
Tgt Ion:152 Resp: 803796

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.2

153 13.2 10.6 16.0



#50

Dimethylphthalate

Concen: 45.837 ng

RT: 9.716 min Scan# 1279

Delta R.T. -0.000 min

Lab File: BF143282.D

Acq: 01 Aug 2025 15:05

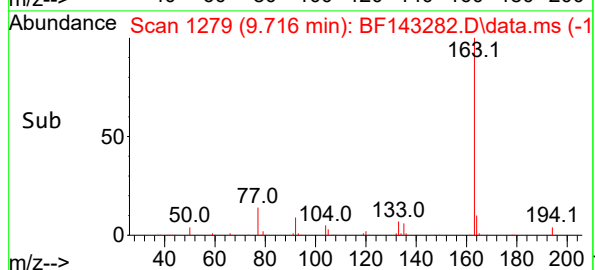
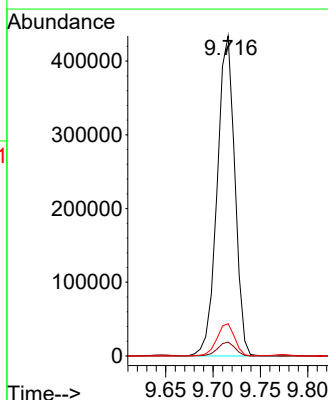
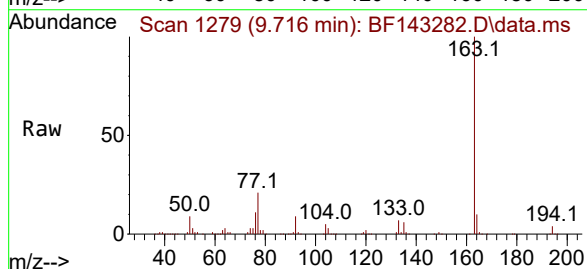
Tgt Ion:163 Resp: 563927

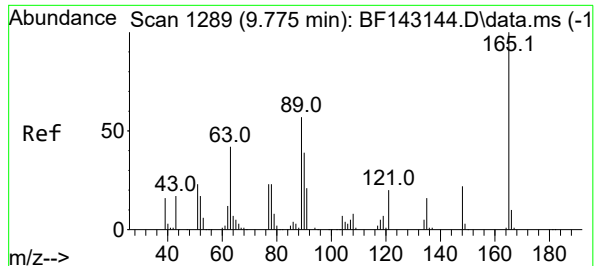
Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

164 10.1 8.3 12.5

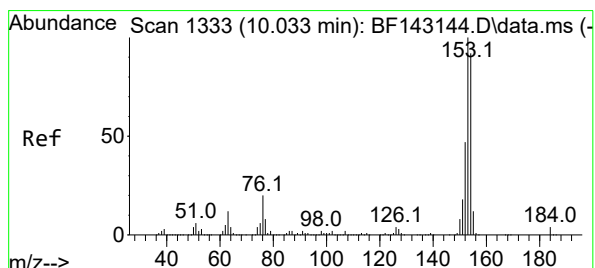
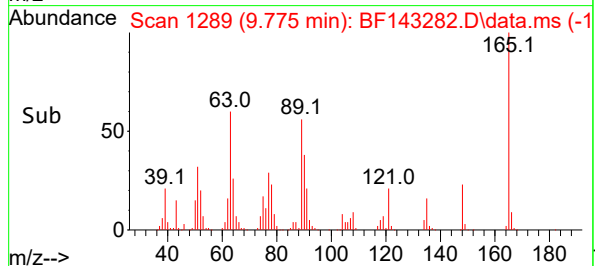
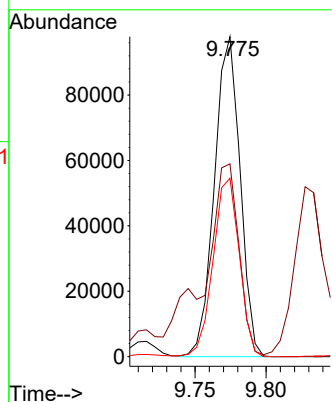
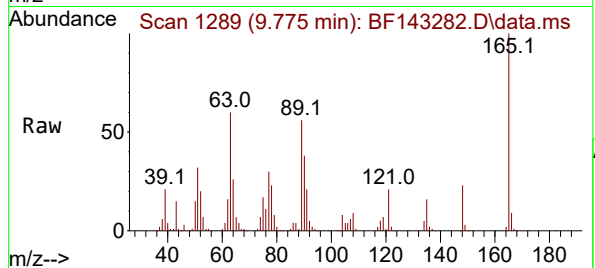




#51
2,6-Dinitrotoluene
Concen: 49.215 ng
RT: 9.775 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

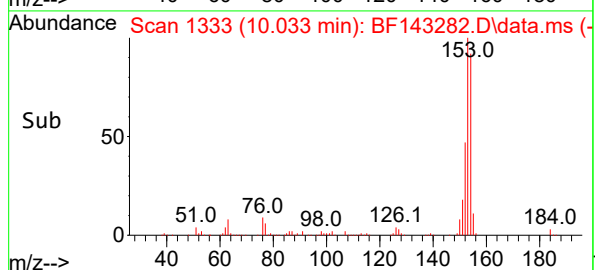
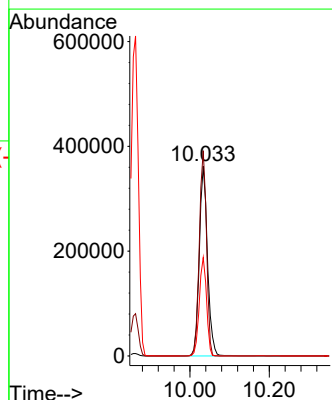
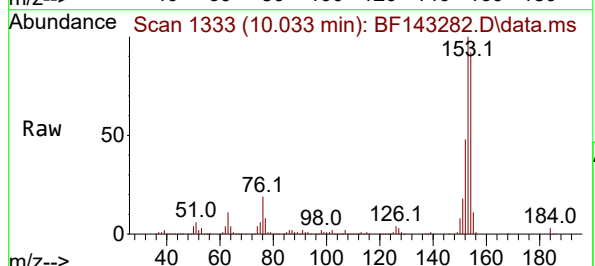
Instrument :
BNA_F
ClientSampleId :
PB169087BSD

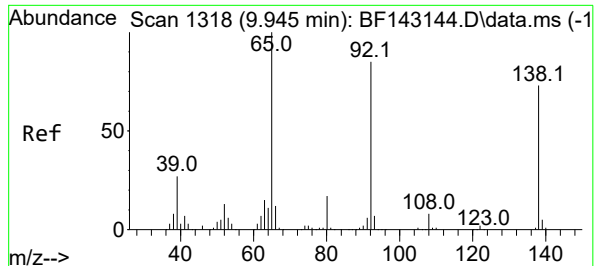
Tgt Ion:165 Resp: 123173
Ion Ratio Lower Upper
165 100
63 60.3 49.4 74.2
89 55.7 46.2 69.2



#52
Acenaphthene
Concen: 47.913 ng
RT: 10.033 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

Tgt Ion:154 Resp: 517096
Ion Ratio Lower Upper
154 100
153 108.2 86.6 129.8
152 51.9 40.4 60.6





#53

3-Nitroaniline

Concen: 23.307 ng

RT: 9.939 min Scan# 1317

Delta R.T. -0.006 min

Lab File: BF143282.D

Acq: 01 Aug 2025 15:05

Instrument :

BNA_F

ClientSampleId :

PB169087BSD

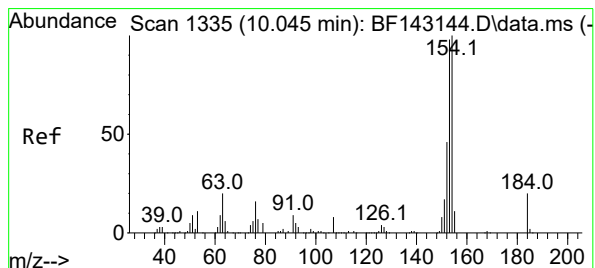
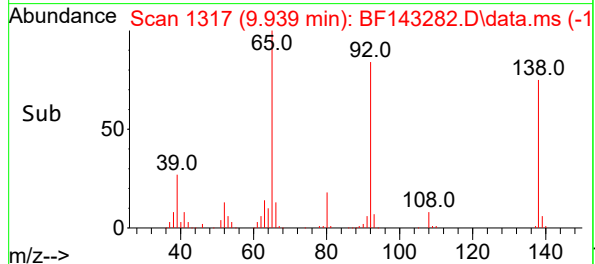
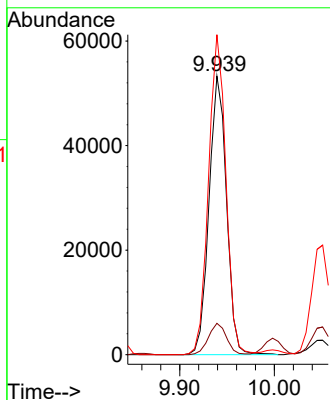
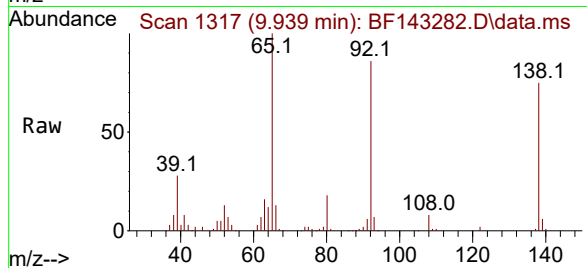
Tgt Ion:138 Resp: 68230

Ion Ratio Lower Upper

138 100

108 11.3 9.0 13.6

92 114.9 93.0 139.4



#54

2,4-Dinitrophenol

Concen: 99.715 ng

RT: 10.051 min Scan# 1336

Delta R.T. 0.006 min

Lab File: BF143282.D

Acq: 01 Aug 2025 15:05

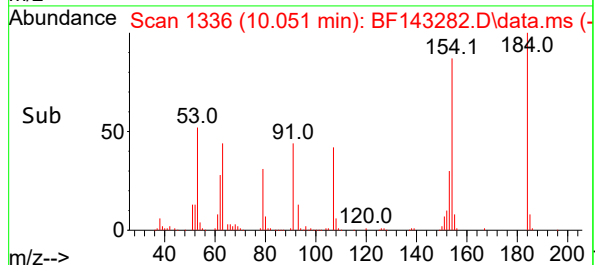
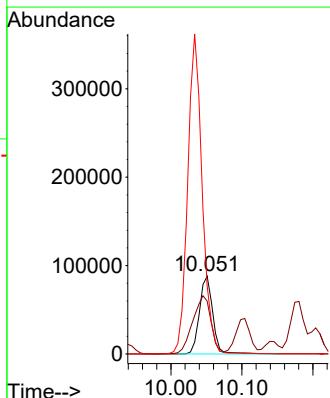
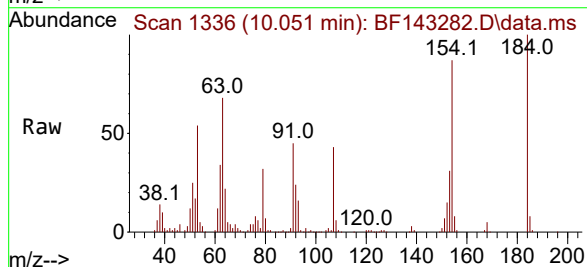
Tgt Ion:184 Resp: 115140

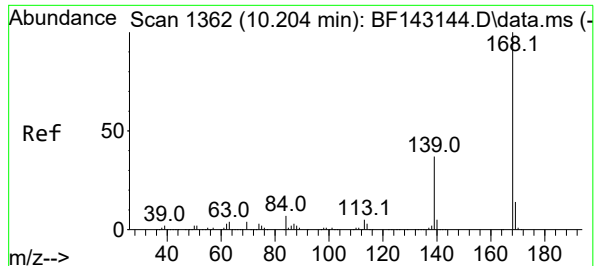
Ion Ratio Lower Upper

184 100

63 67.8 81.8 122.6#

154 87.3 412.2 618.4#





#55

Dibenzofuran

Concen: 43.728 ng

RT: 10.204 min Scan# 1362

Delta R.T. -0.000 min

Lab File: BF143282.D

Acq: 01 Aug 2025 15:05

Instrument :

BNA_F

ClientSampleId :

PB169087BSD

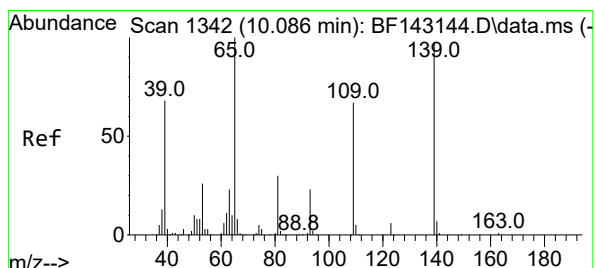
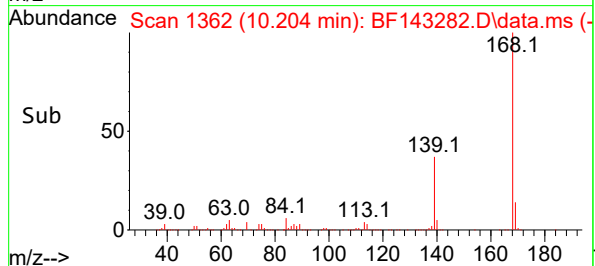
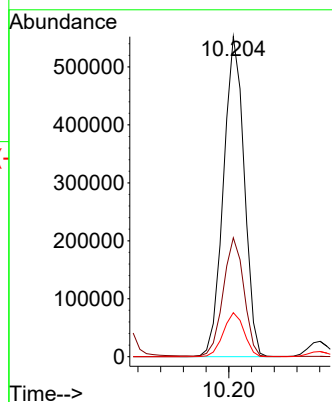
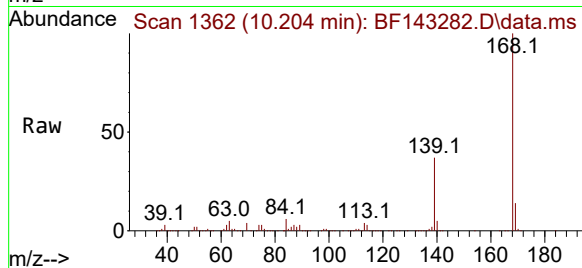
Tgt Ion:168 Resp: 700681

Ion Ratio Lower Upper

168 100

139 37.2 29.5 44.3

169 13.8 10.9 16.3



#56

4-Nitrophenol

Concen: 85.238 ng

RT: 10.104 min Scan# 1345

Delta R.T. 0.018 min

Lab File: BF143282.D

Acq: 01 Aug 2025 15:05

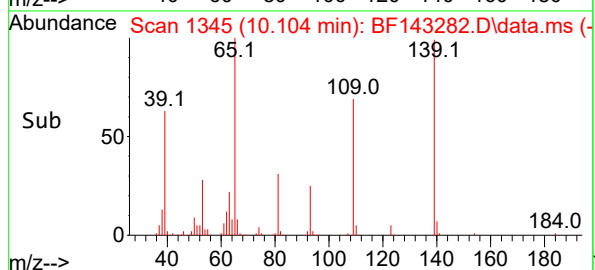
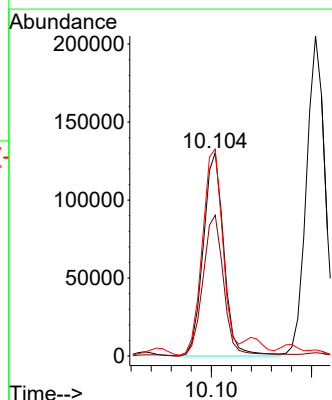
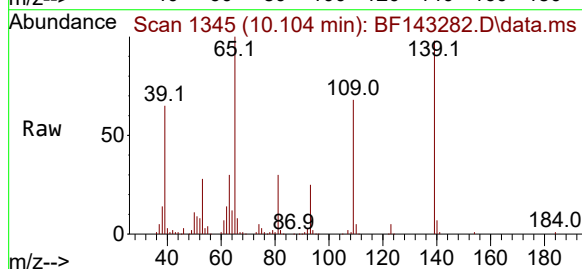
Tgt Ion:139 Resp: 186331

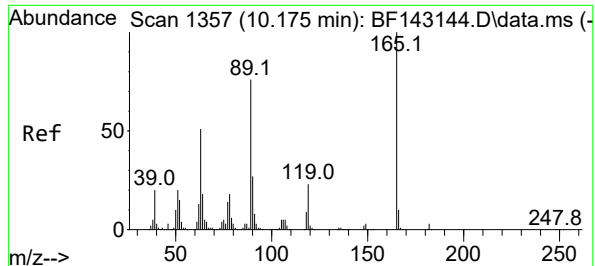
Ion Ratio Lower Upper

139 100

109 69.3 48.5 88.5

65 101.8 83.4 123.4





#57

2,4-Dinitrotoluene

Concen: 52.095 ng

RT: 10.180 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF143282.D

Acq: 01 Aug 2025 15:05

Instrument :

BNA_F

ClientSampleId :

PB169087BSD

Tgt Ion:165 Resp: 163576

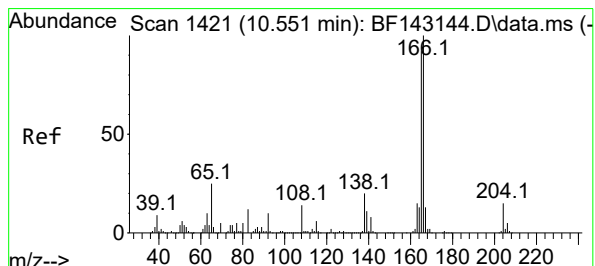
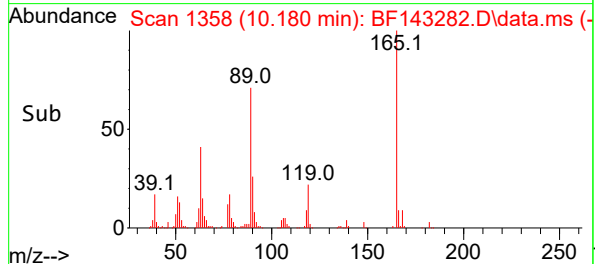
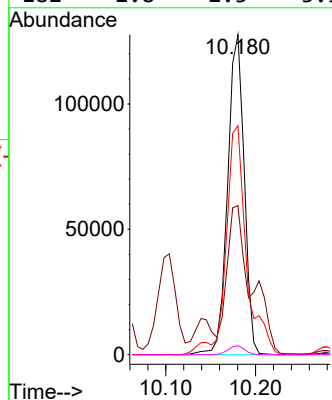
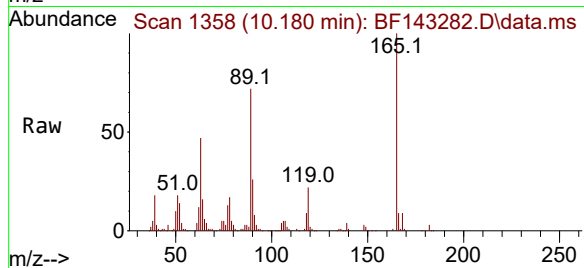
Ion Ratio Lower Upper

165 100

63 46.6 41.0 61.4

89 71.6 61.1 91.7

182 2.8 2.3 3.5



#58

Fluorene

Concen: 44.699 ng

RT: 10.545 min Scan# 1420

Delta R.T. -0.006 min

Lab File: BF143282.D

Acq: 01 Aug 2025 15:05

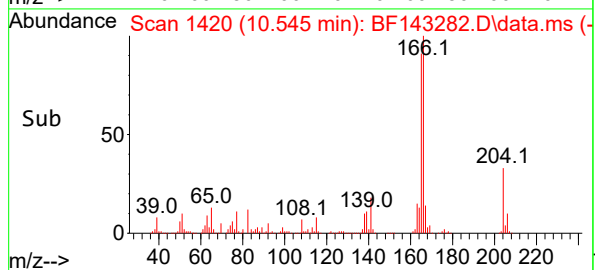
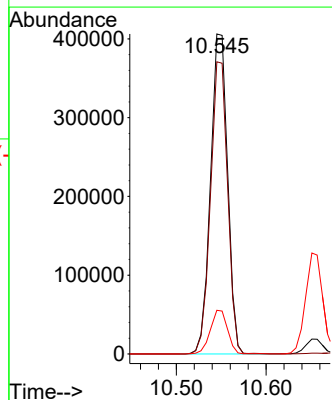
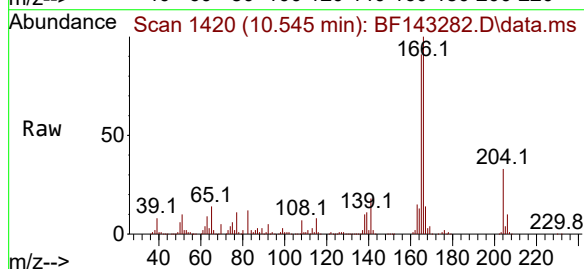
Tgt Ion:166 Resp: 537544

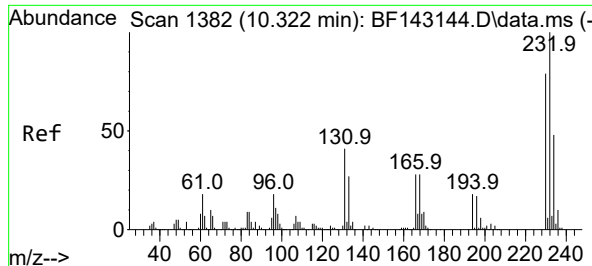
Ion Ratio Lower Upper

166 100

165 91.3 73.7 110.5

167 13.7 10.6 16.0

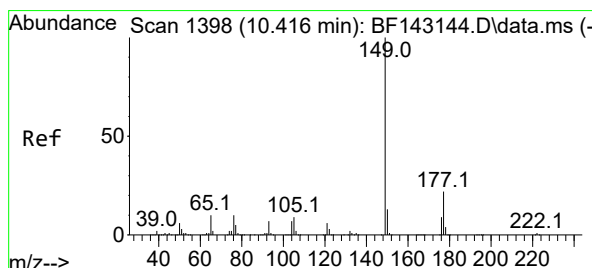
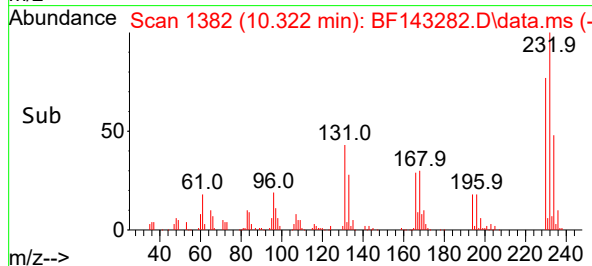
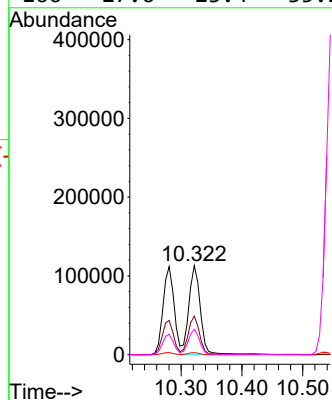
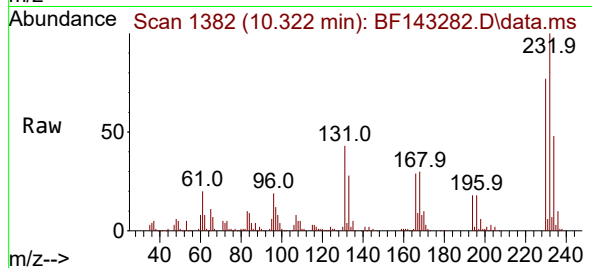




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.250 ng
RT: 10.322 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

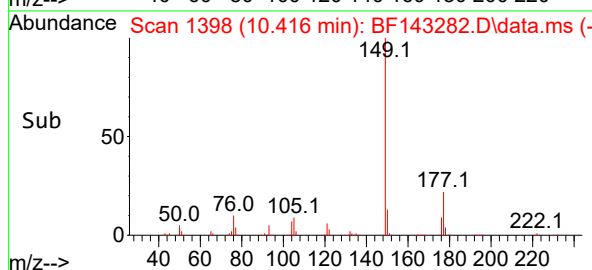
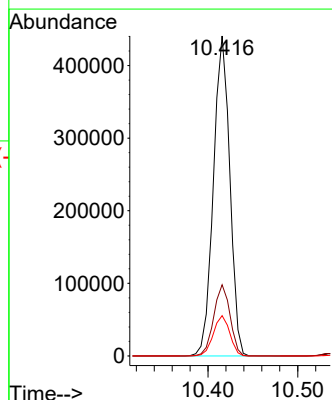
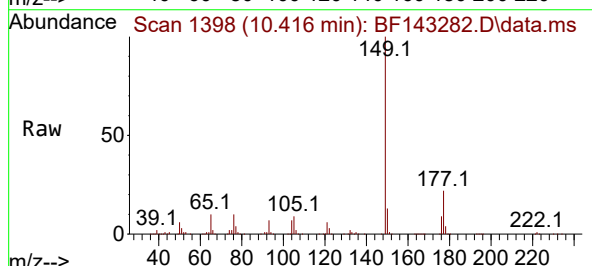
Instrument :
BNA_F
ClientSampleId :
PB169087BSD

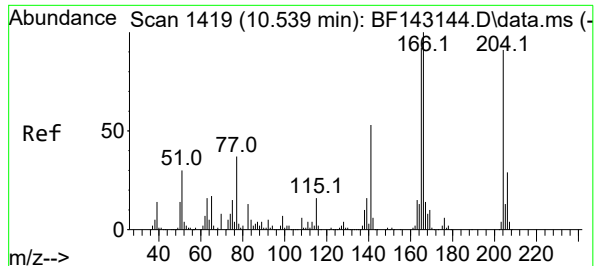
Tgt Ion:232 Resp: 147655
Ion Ratio Lower Upper
232 100
131 42.8 35.3 52.9
130 2.2 1.7 2.5
166 27.6 23.4 35.2



#60
Diethylphthalate
Concen: 45.961 ng
RT: 10.416 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

Tgt Ion:149 Resp: 558890
Ion Ratio Lower Upper
149 100
177 22.2 17.5 26.3
150 12.6 10.2 15.2

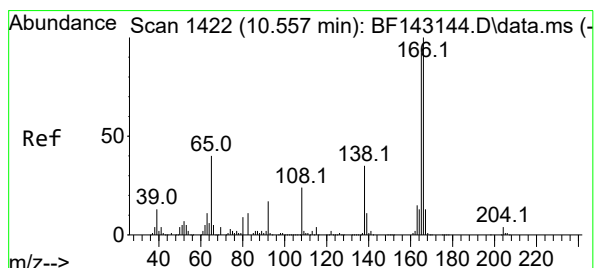
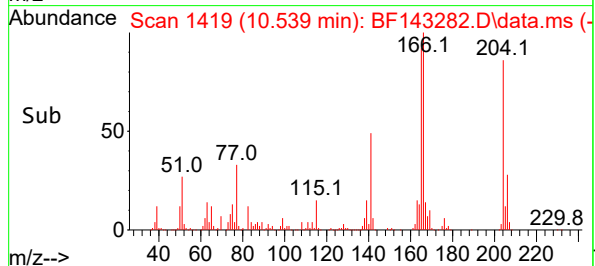
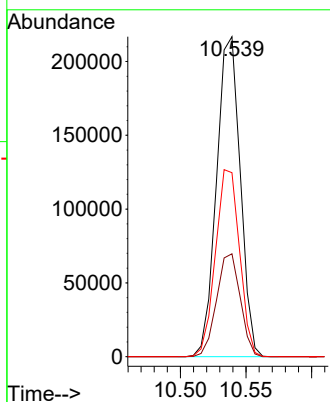
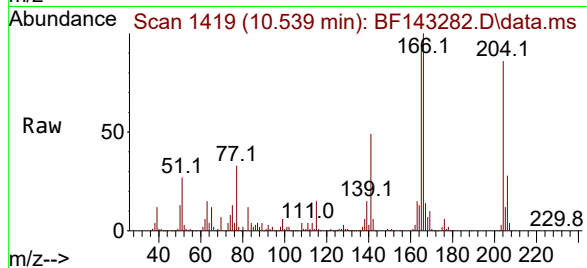




#61
4-Chlorophenyl-phenylether
Concen: 45.514 ng
RT: 10.539 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

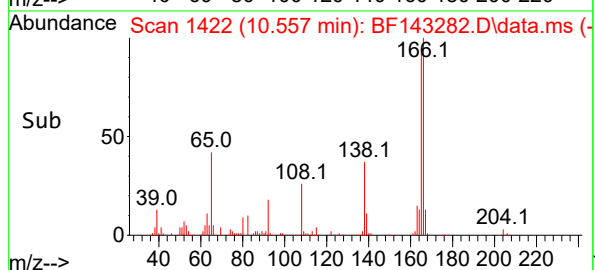
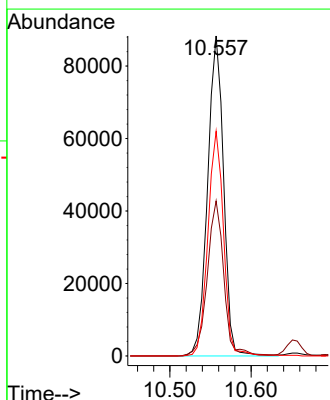
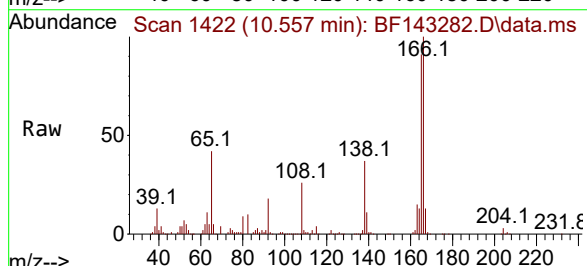
Instrument :
BNA_F
ClientSampleId :
PB169087BSD

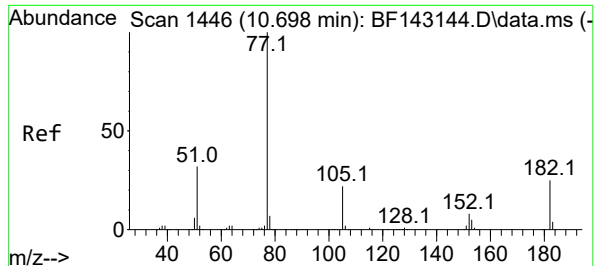
Tgt Ion:204 Resp: 272544
Ion Ratio Lower Upper
204 100
206 32.2 25.8 38.8
141 57.5 47.0 70.4



#62
4-Nitroaniline
Concen: 48.036 ng
RT: 10.557 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

Tgt Ion:138 Resp: 120518
Ion Ratio Lower Upper
138 100
92 48.4 29.3 69.3
108 70.2 48.3 88.3

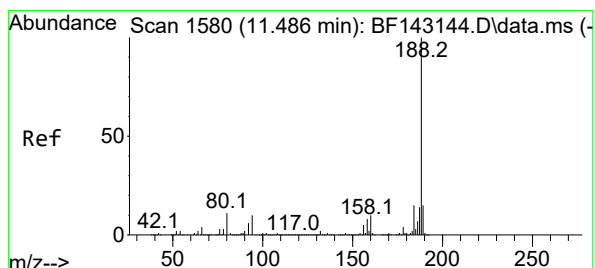
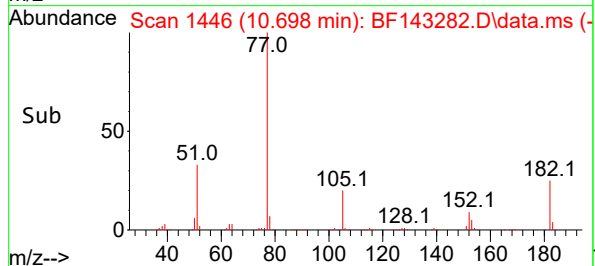
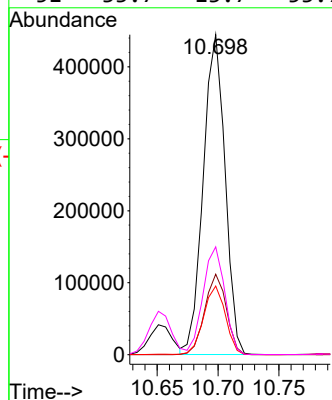
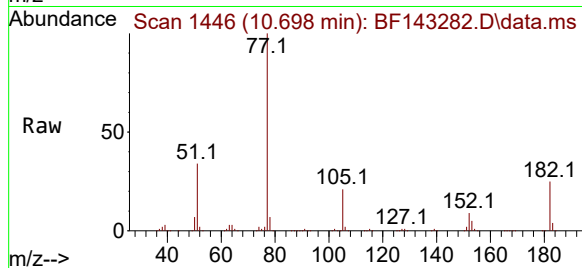




#63
Azobenzene
Concen: 43.722 ng
RT: 10.698 min Scan# 1446
Delta R.T. -0.000 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

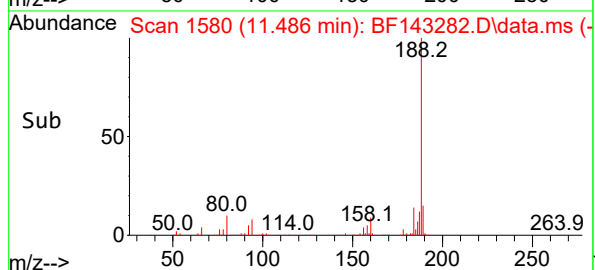
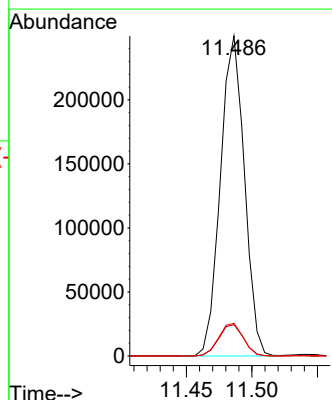
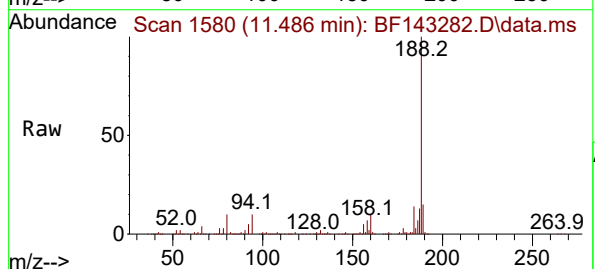
Instrument :
BNA_F
ClientSampleId :
PB169087BSD

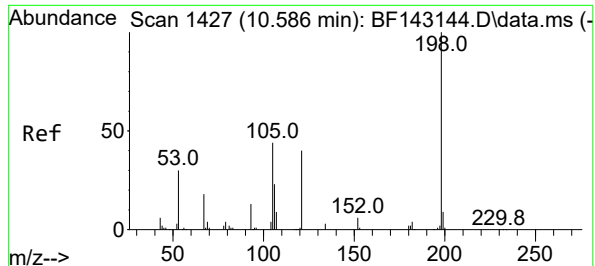
Tgt Ion: 77	Resp: 554123
Ion Ratio	Lower Upper
77 100	
182 25.2	4.6 44.6
105 21.4	1.4 41.4
51 33.7	13.7 53.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

Tgt Ion:188	Resp: 317992
Ion Ratio	Lower Upper
188 100	
94 9.8	8.3 12.5
80 10.2	9.0 13.6

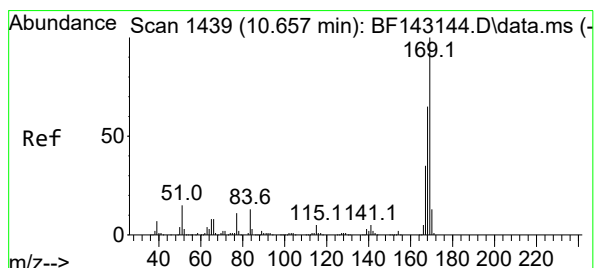
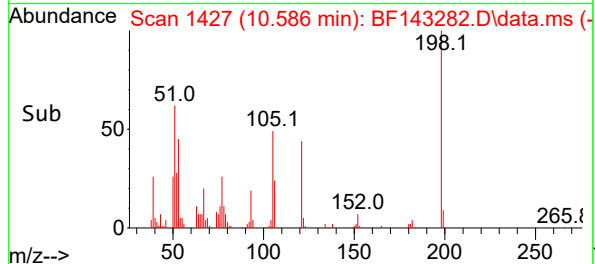
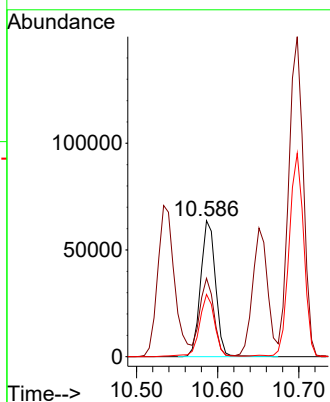
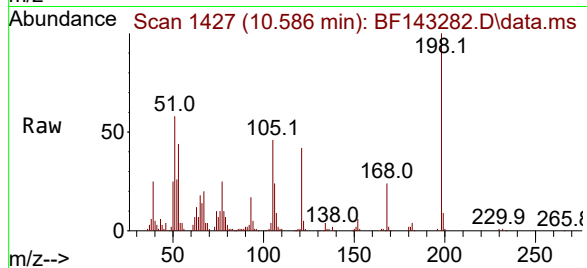




#65
4,6-Dinitro-2-methylphenol
Concen: 48.624 ng
RT: 10.586 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

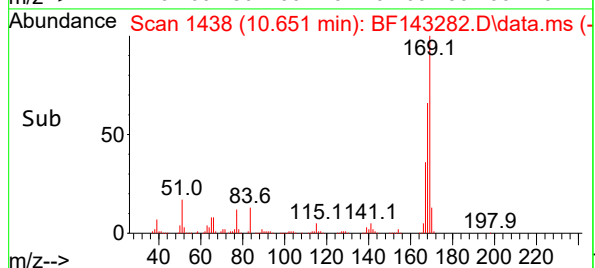
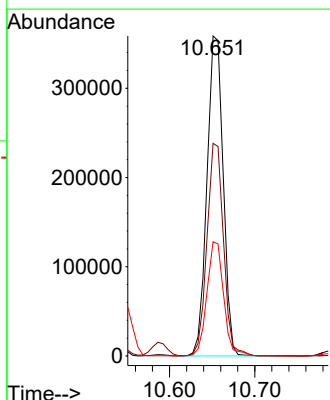
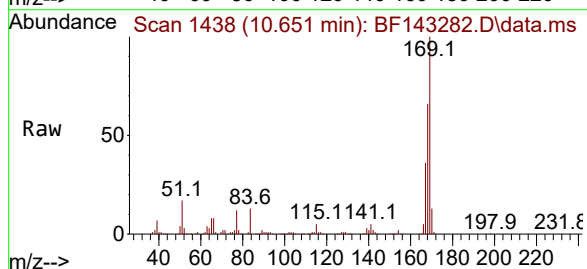
Instrument :
BNA_F
ClientSampleId :
PB169087BSD

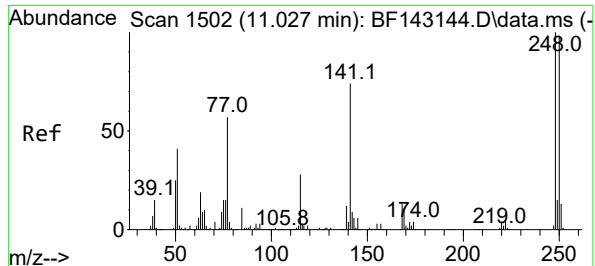
Tgt Ion	Ratio	Lower	Upper
198	100		
51	57.6	37.2	77.2
105	45.7	24.8	64.8



#66
n-Nitrosodiphenylamine
Concen: 42.392 ng
RT: 10.651 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.5	52.1	78.1
167	35.7	28.2	42.2

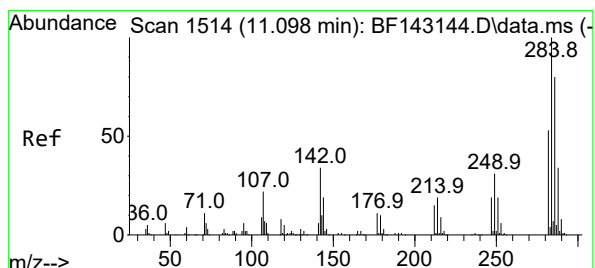
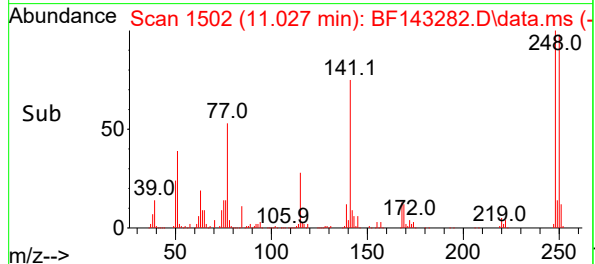
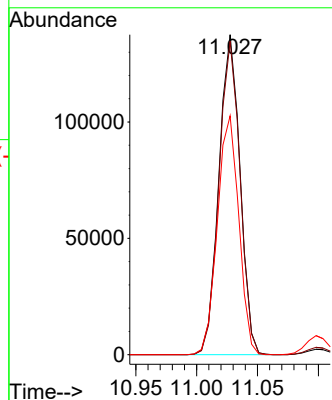
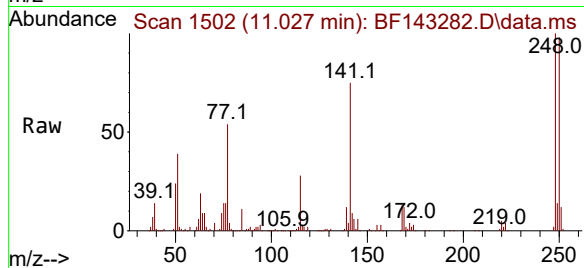




#67
4-Bromophenyl-phenylether
Concen: 43.922 ng
RT: 11.027 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

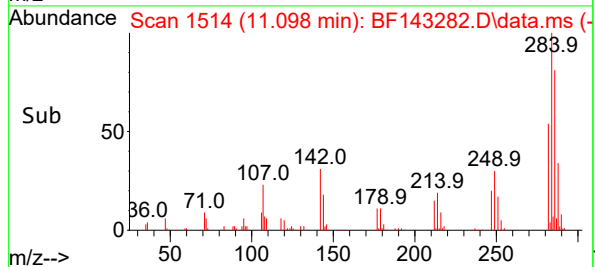
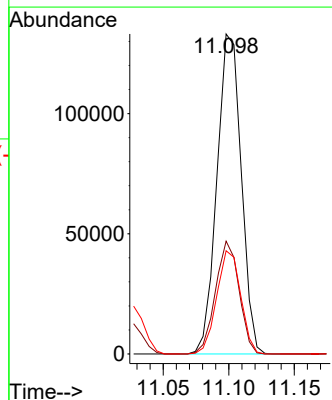
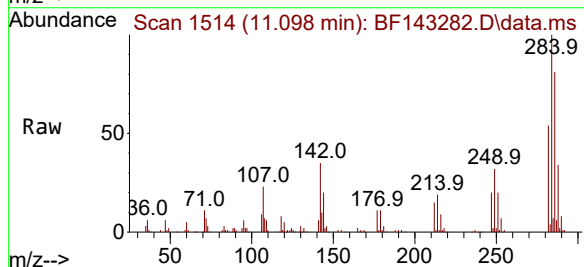
Instrument :
BNA_F
ClientSampleId :
PB169087BSD

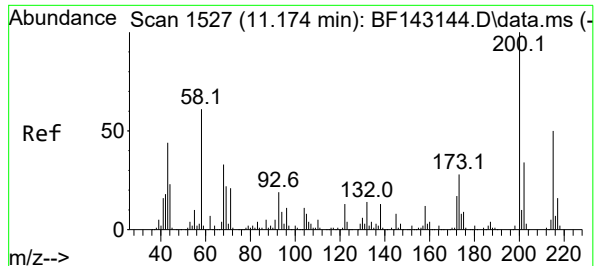
Tgt Ion:248 Resp: 166447
Ion Ratio Lower Upper
248 100
250 98.0 78.3 117.5
141 74.7 59.2 88.8



#68
Hexachlorobenzene
Concen: 43.244 ng
RT: 11.098 min Scan# 1514
Delta R.T. 0.000 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

Tgt Ion:284 Resp: 171289
Ion Ratio Lower Upper
284 100
142 35.2 27.0 40.6
249 32.2 25.0 37.6





#69

Atrazine

Concen: 49.162 ng

RT: 11.174 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143282.D

Acq: 01 Aug 2025 15:05

Instrument :

BNA_F

ClientSampleId :

PB169087BSD

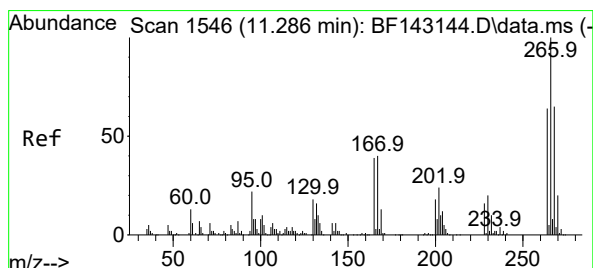
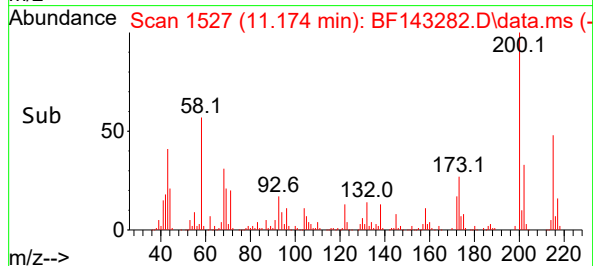
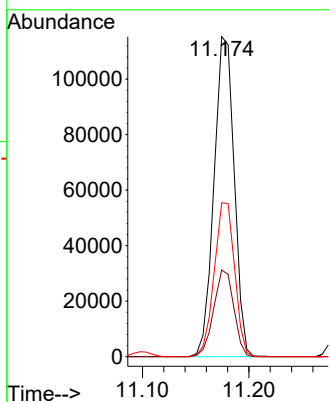
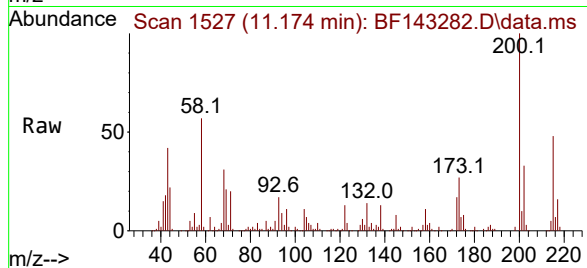
Tgt Ion:200 Resp: 151766

Ion Ratio Lower Upper

200 100

173 27.1 7.9 47.9

215 48.1 30.1 70.1



#70

Pentachlorophenol

Concen: 83.669 ng

RT: 11.292 min Scan# 1547

Delta R.T. 0.006 min

Lab File: BF143282.D

Acq: 01 Aug 2025 15:05

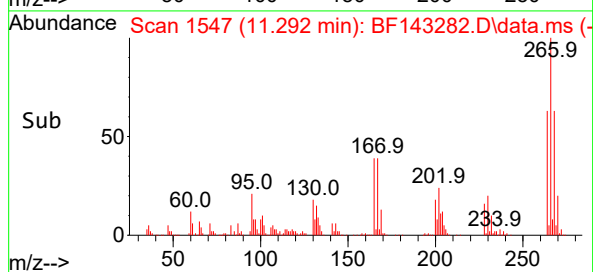
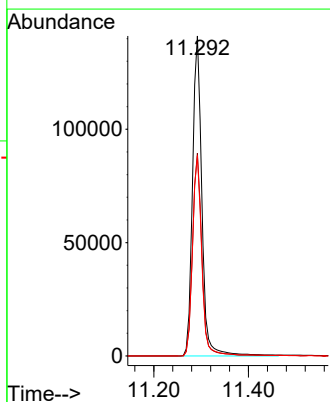
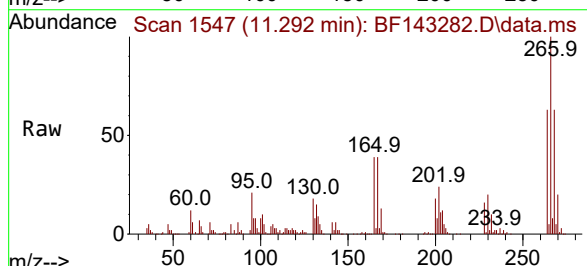
Tgt Ion:266 Resp: 194896

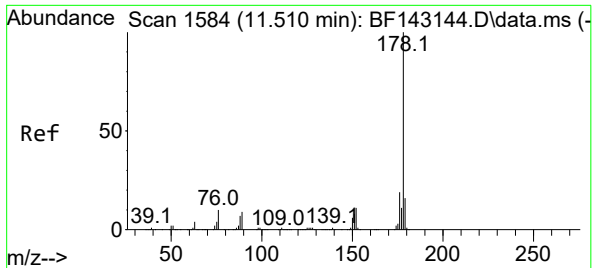
Ion Ratio Lower Upper

266 100

268 63.4 51.9 77.9

264 62.6 51.0 76.6

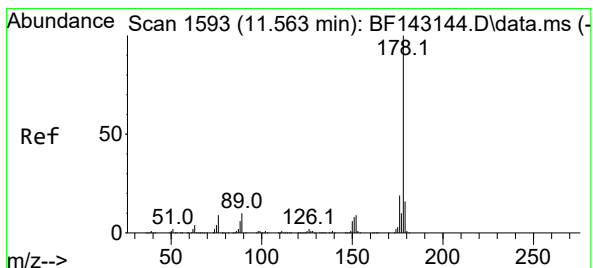
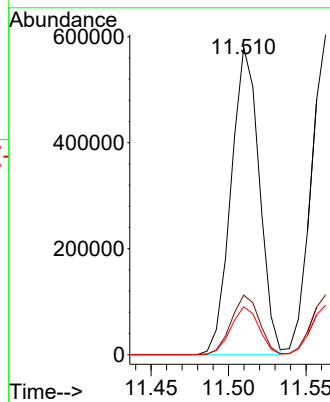
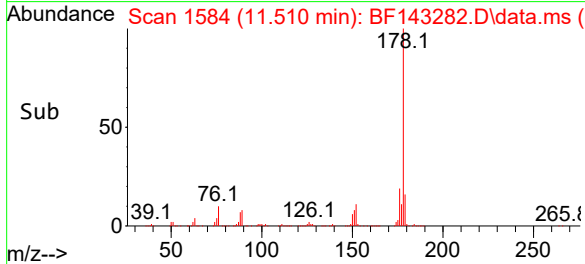
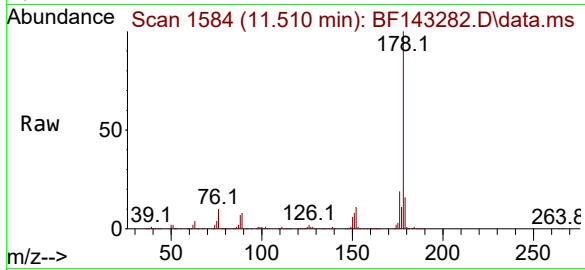




#71
Phenanthrene
Concen: 43.451 ng
RT: 11.510 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

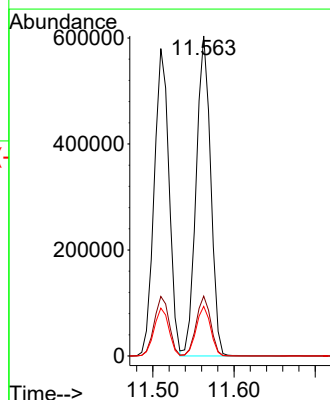
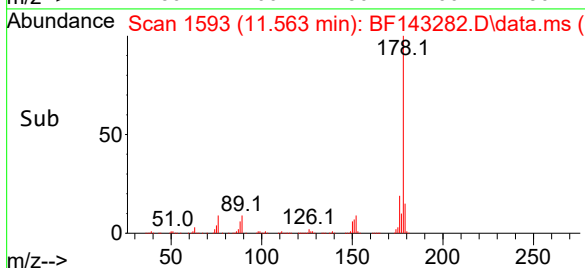
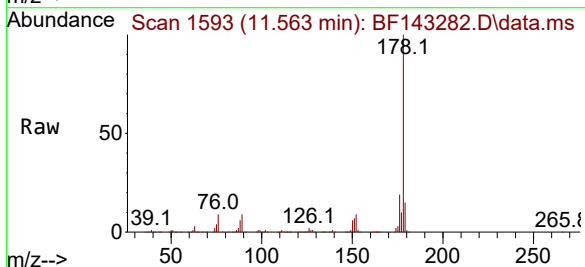
Instrument :
BNA_F
ClientSampleId :
PB169087BSD

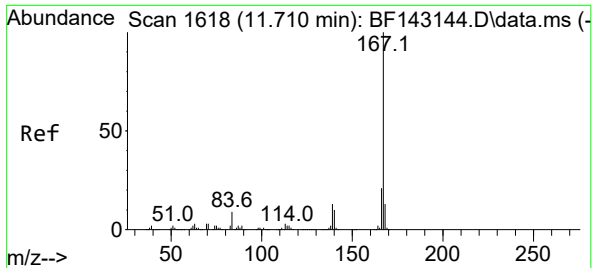
Tgt Ion:178 Resp: 733649
Ion Ratio Lower Upper
178 100
176 19.4 15.3 22.9
179 15.6 12.5 18.7



#72
Anthracene
Concen: 43.519 ng
RT: 11.563 min Scan# 1593
Delta R.T. -0.000 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

Tgt Ion:178 Resp: 749411
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.5 12.5 18.7



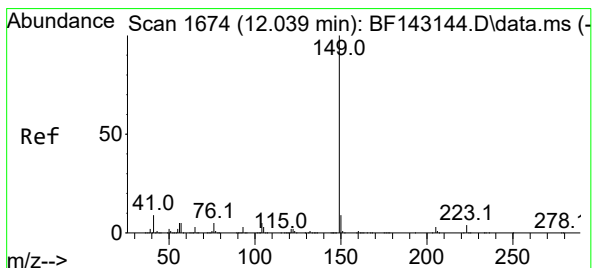
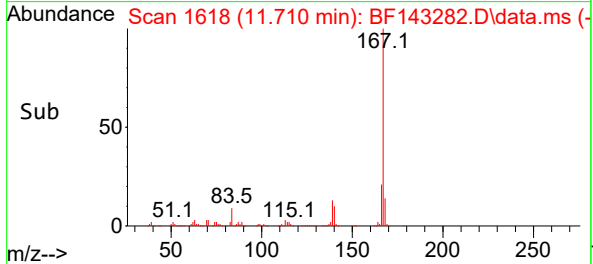
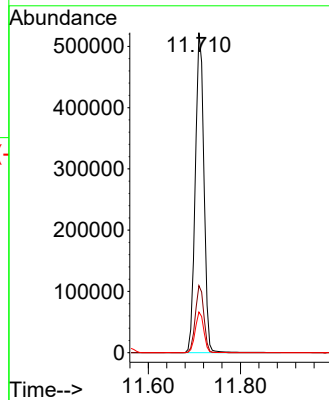
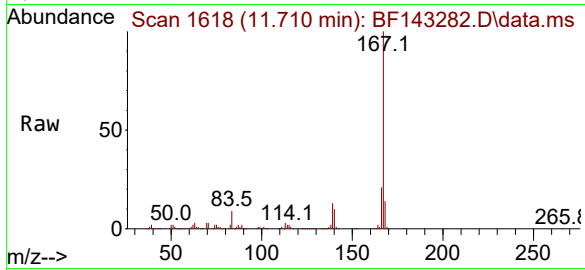


#73
 Carbazole
 Concen: 45.082 ng
 RT: 11.710 min Scan# 1618
 Delta R.T. -0.000 min
 Lab File: BF143282.D
 Acq: 01 Aug 2025 15:05

Instrument :
 BNA_F
 ClientSampleId :
 PB169087BSD

Tgt Ion:167 Resp: 677874

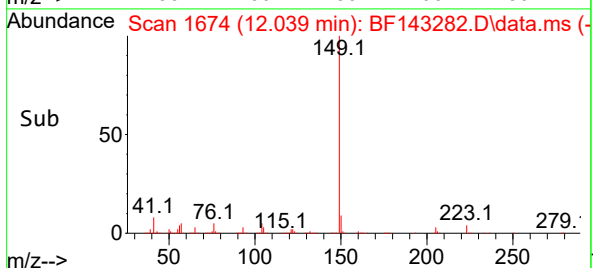
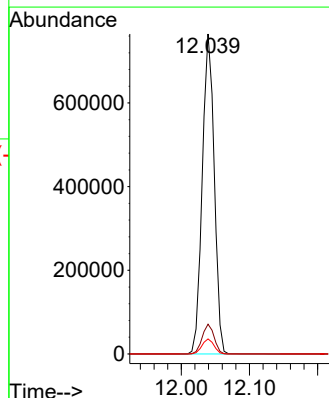
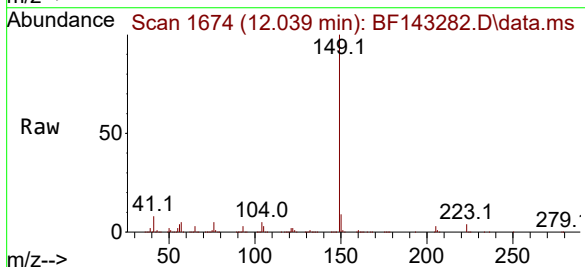
Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.0	25.6
139	12.7	10.0	15.0

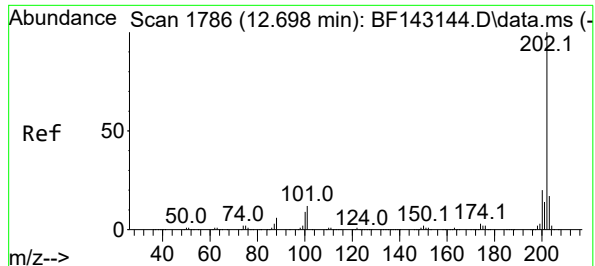


#74
 Di-n-butylphthalate
 Concen: 54.856 ng
 RT: 12.039 min Scan# 1674
 Delta R.T. 0.000 min
 Lab File: BF143282.D
 Acq: 01 Aug 2025 15:05

Tgt Ion:149 Resp: 933320

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	4.7	3.8	5.8





#75

Fluoranthene

Concen: 53.418 ng

RT: 12.698 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143282.D

Acq: 01 Aug 2025 15:05

Instrument :

BNA_F

ClientSampleId :

PB169087BSD

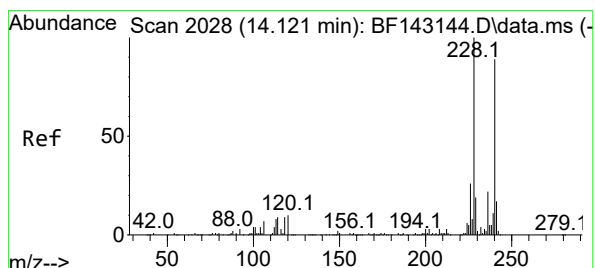
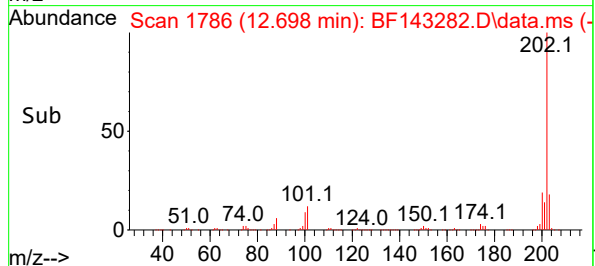
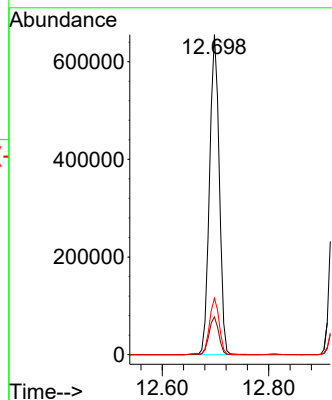
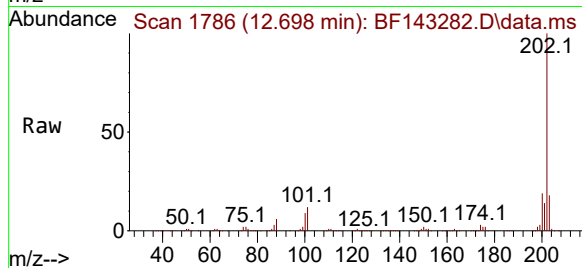
Tgt Ion:202 Resp: 827855

Ion Ratio Lower Upper

202 100

101 11.8 0.0 31.7

203 17.7 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.127 min Scan# 2029

Delta R.T. 0.006 min

Lab File: BF143282.D

Acq: 01 Aug 2025 15:05

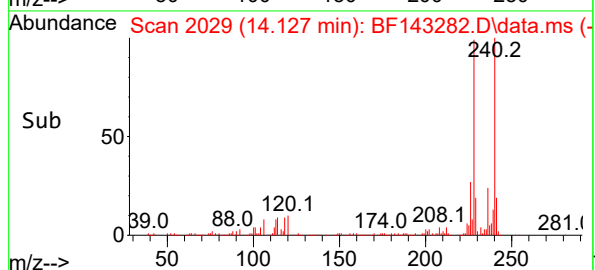
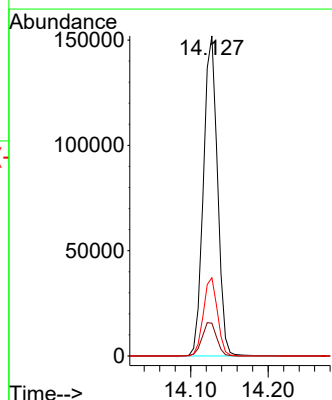
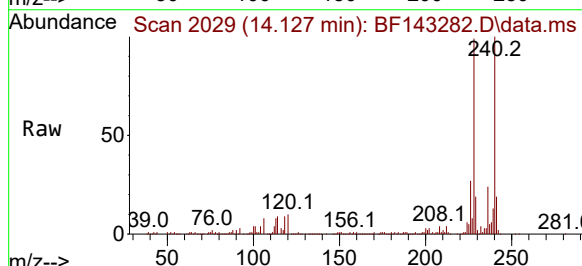
Tgt Ion:240 Resp: 191263

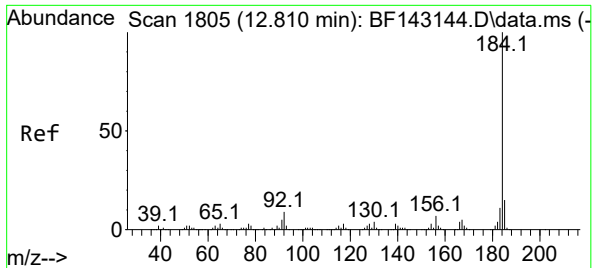
Ion Ratio Lower Upper

240 100

120 10.3 9.4 14.2

236 24.4 20.2 30.4

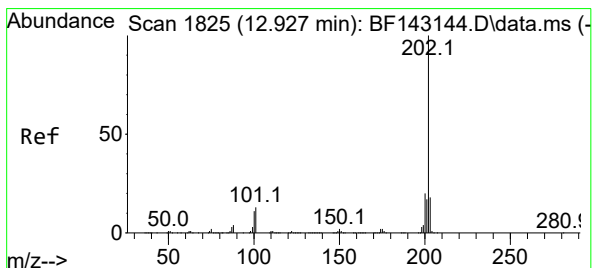
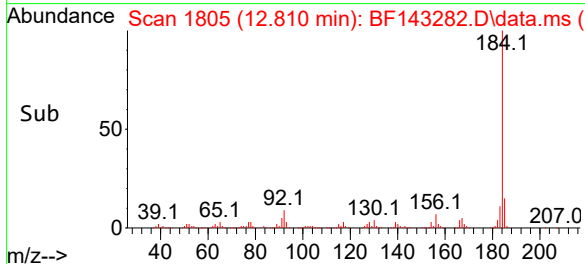
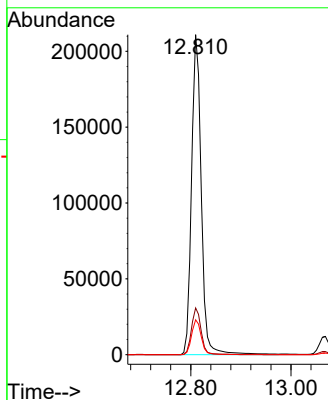
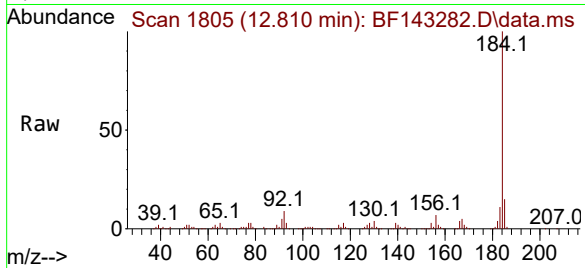




#77
Benzidine
Concen: 38.536 ng
RT: 12.810 min Scan# 1805
Delta R.T. -0.000 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

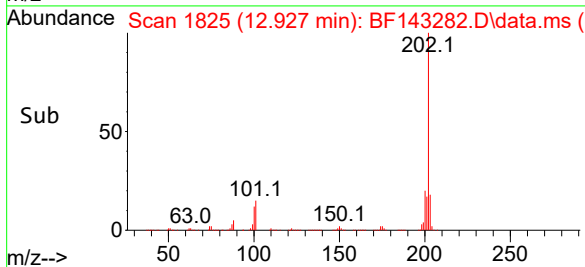
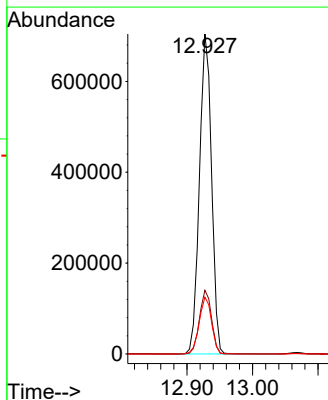
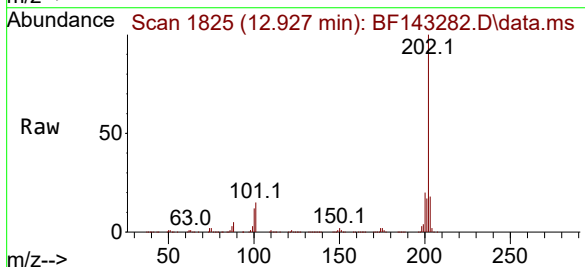
Instrument :
BNA_F
ClientSampleId :
PB169087BSD

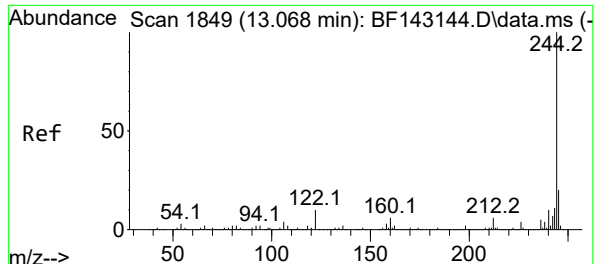
Tgt Ion:184 Resp: 283968
Ion Ratio Lower Upper
184 100
185 14.6 12.2 18.4
183 10.9 9.0 13.4



#78
Pyrene
Concen: 55.486 ng
RT: 12.927 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

Tgt Ion:202 Resp: 905717
Ion Ratio Lower Upper
202 100
200 19.9 15.7 23.5
203 17.8 14.2 21.2





#79

Terphenyl-d14

Concen: 100.450 ng

RT: 13.068 min Scan# 1849

Delta R.T. 0.000 min

Lab File: BF143282.D

Acq: 01 Aug 2025 15:05

Instrument :

BNA_F

ClientSampleId :

PB169087BSD

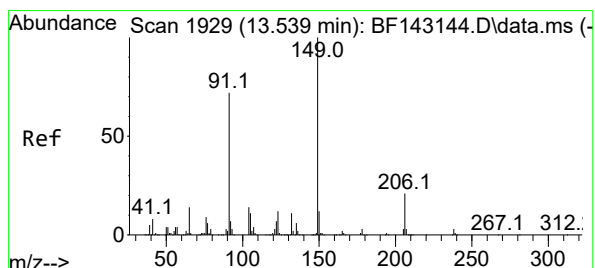
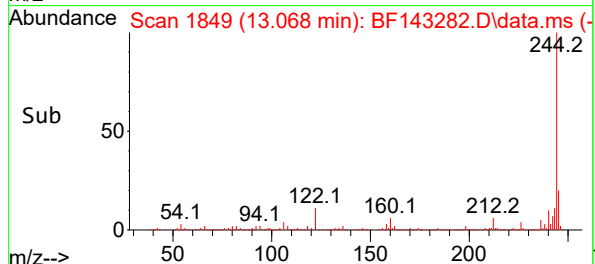
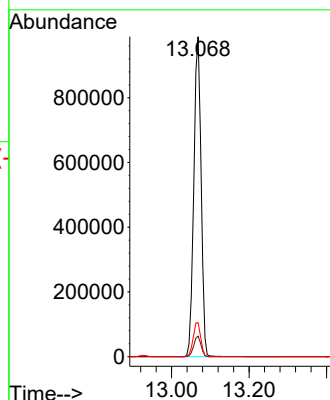
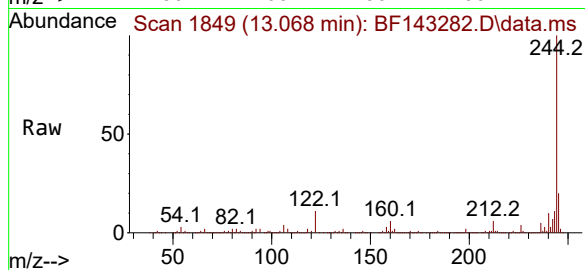
Tgt Ion:244 Resp: 1291057

Ion Ratio Lower Upper

244 100

212 6.4 5.2 7.8

122 10.6 8.2 12.2



#80

Butylbenzylphthalate

Concen: 65.042 ng

RT: 13.539 min Scan# 1929

Delta R.T. -0.000 min

Lab File: BF143282.D

Acq: 01 Aug 2025 15:05

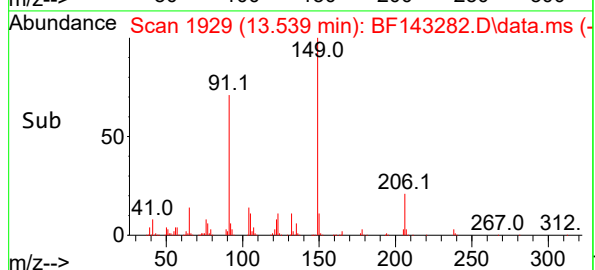
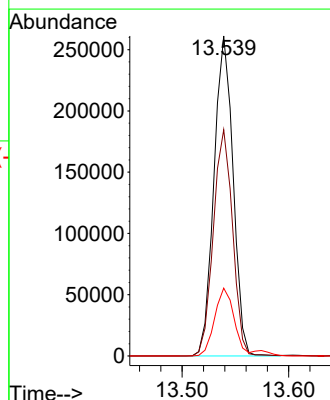
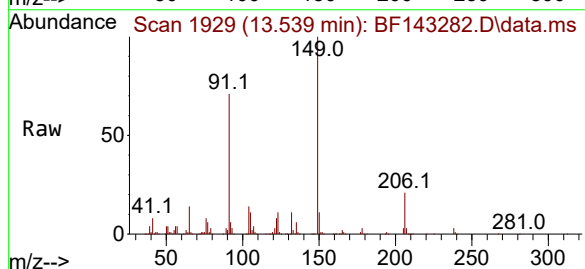
Tgt Ion:149 Resp: 325108

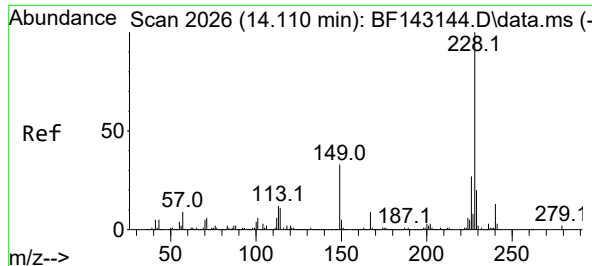
Ion Ratio Lower Upper

149 100

91 70.7 57.9 86.9

206 21.2 17.0 25.4

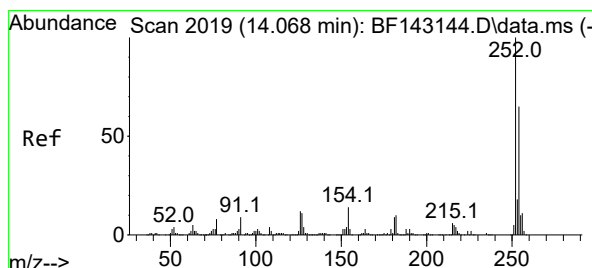
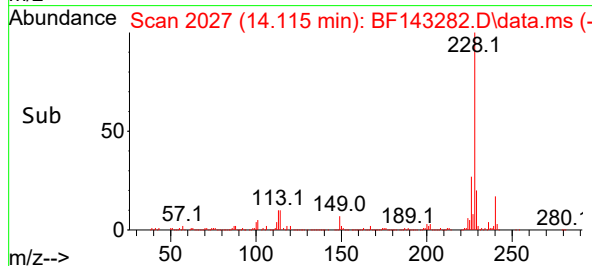
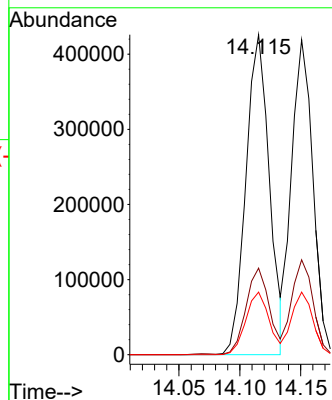
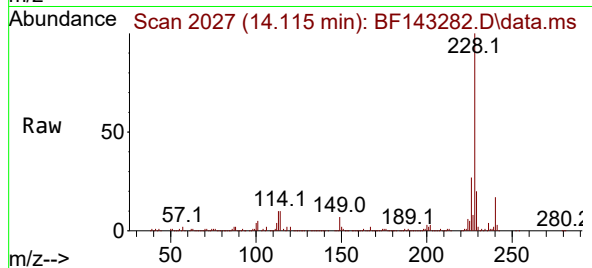




#81
Benzo(a)anthracene
Concen: 44.649 ng
RT: 14.115 min Scan# 2026
Delta R.T. 0.006 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

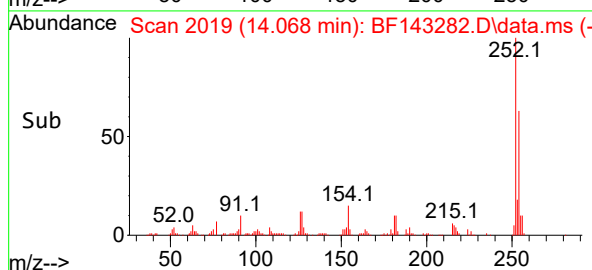
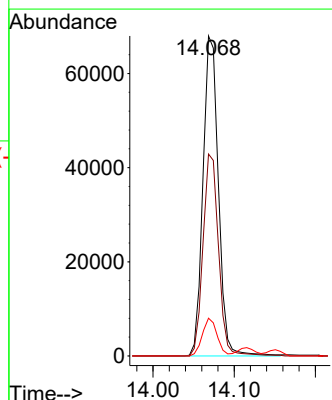
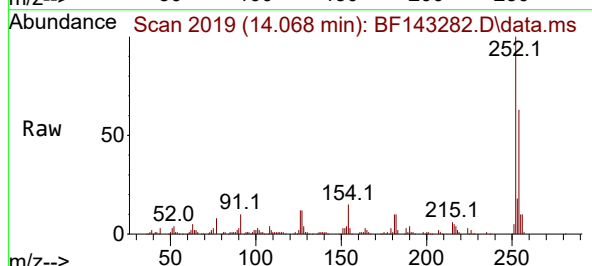
Instrument :
BNA_F
ClientSampleId :
PB169087BSD

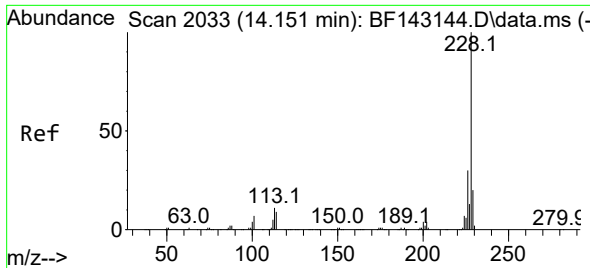
Tgt Ion:228 Resp: 571735
Ion Ratio Lower Upper
228 100
226 27.0 21.7 32.5
229 19.5 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 21.030 ng
RT: 14.068 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

Tgt Ion:252 Resp: 89750
Ion Ratio Lower Upper
252 100
254 63.1 51.7 77.5
126 11.8 9.4 14.0

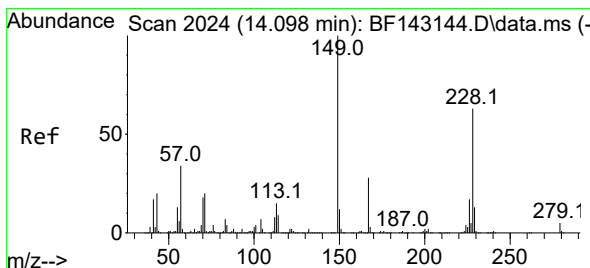
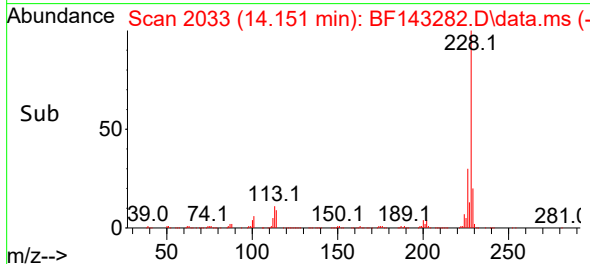
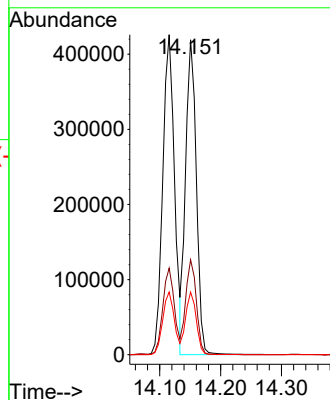
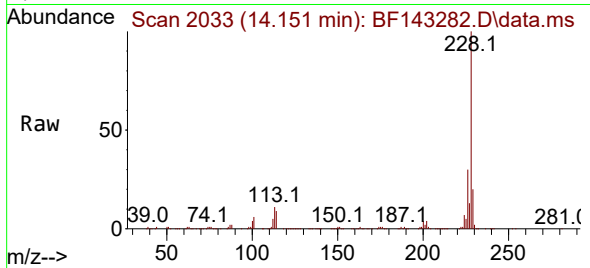




#83
Chrysene
Concen: 44.735 ng
RT: 14.151 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

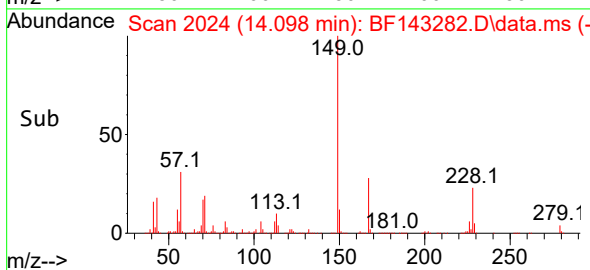
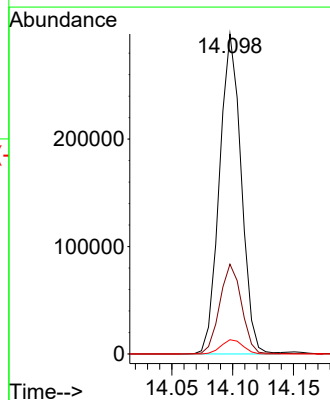
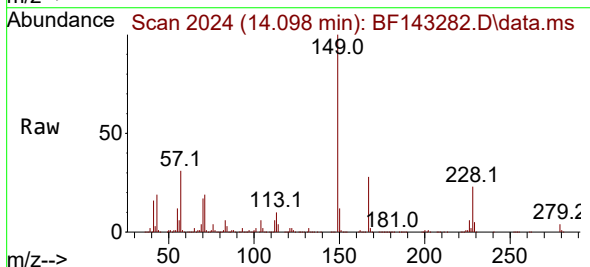
Instrument :
BNA_F
ClientSampleId :
PB169087BSD

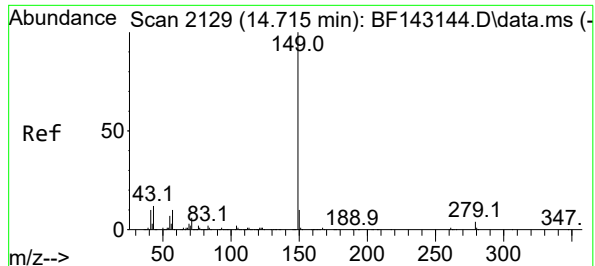
Tgt Ion:228 Resp: 515031
Ion Ratio Lower Upper
228 100
226 30.2 23.8 35.8
229 19.9 15.6 23.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 48.946 ng
RT: 14.098 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

Tgt Ion:149 Resp: 370304
Ion Ratio Lower Upper
149 100
167 28.0 22.3 33.5
279 4.4 3.6 5.4

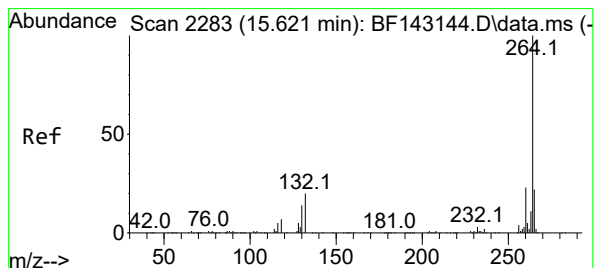
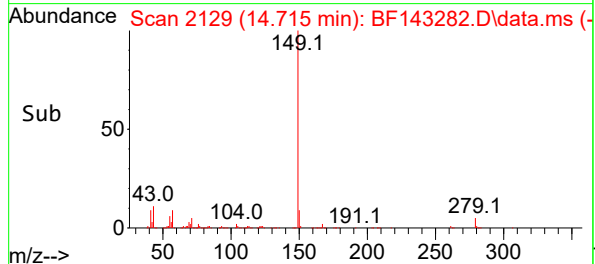
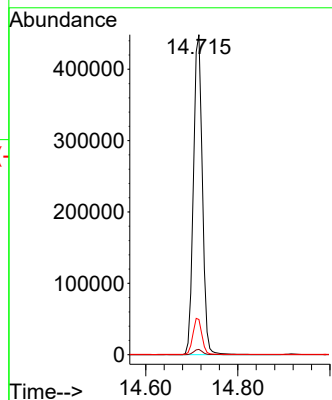
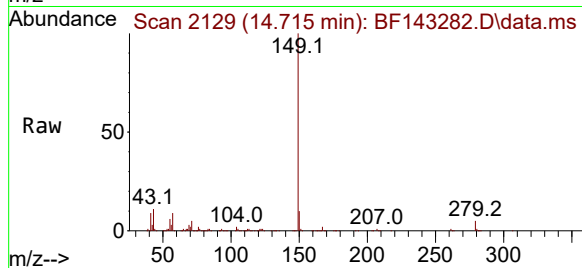




#85
Di-n-octyl phthalate
Concen: 43.827 ng
RT: 14.715 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

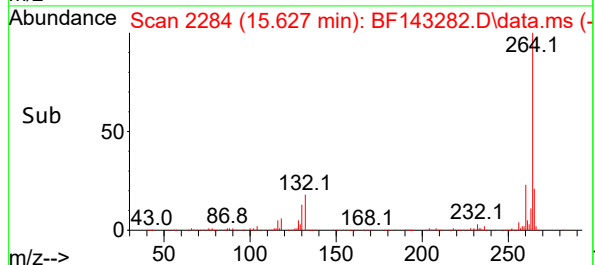
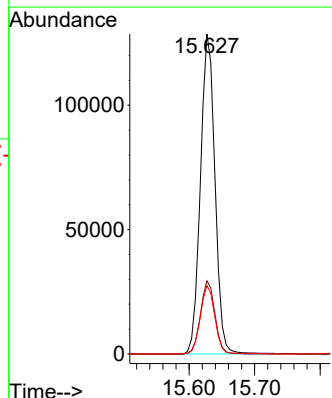
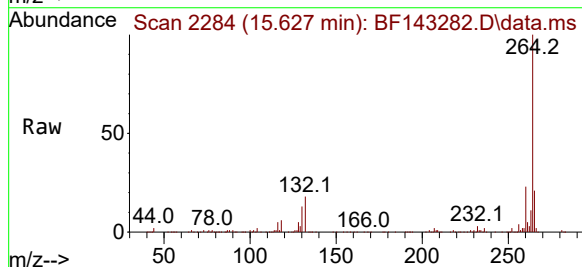
Instrument :
BNA_F
ClientSampleId :
PB169087BSD

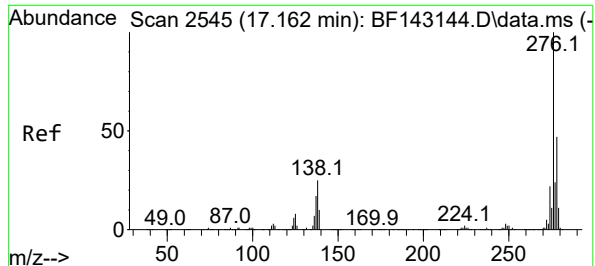
Tgt Ion:149 Resp: 601029
Ion Ratio Lower Upper
149 100
167 1.7 1.1 1.7
43 11.4 9.7 14.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.627 min Scan# 2284
Delta R.T. 0.006 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

Tgt Ion:264 Resp: 198657
Ion Ratio Lower Upper
264 100
260 22.9 18.5 27.7
265 21.3 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.724 ng

RT: 17.174 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF143282.D

Acq: 01 Aug 2025 15:05

Instrument :

BNA_F

ClientSampleId :

PB169087BSD

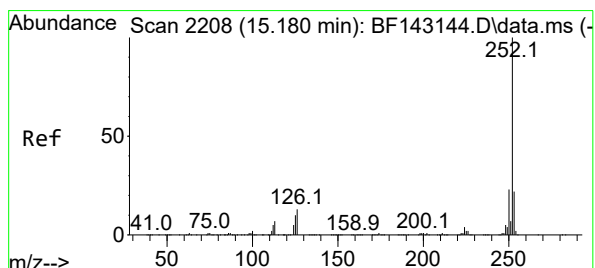
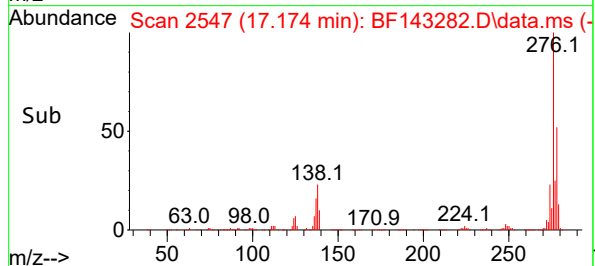
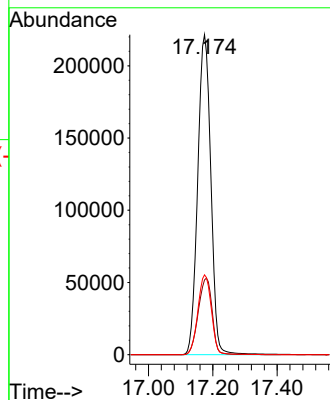
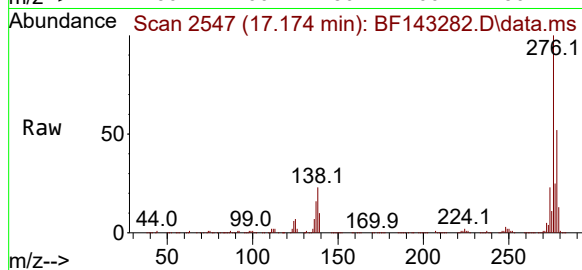
Tgt Ion:276 Resp: 626497

Ion Ratio Lower Upper

276 100

138 25.2 21.8 32.6

277 25.6 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 43.722 ng

RT: 15.186 min Scan# 2209

Delta R.T. 0.006 min

Lab File: BF143282.D

Acq: 01 Aug 2025 15:05

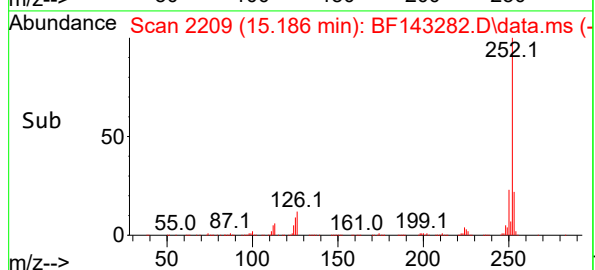
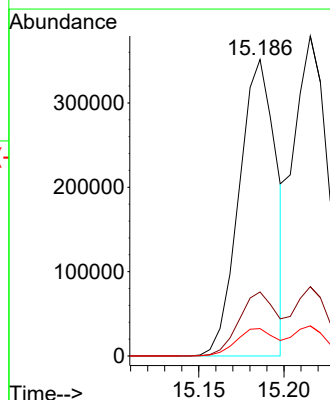
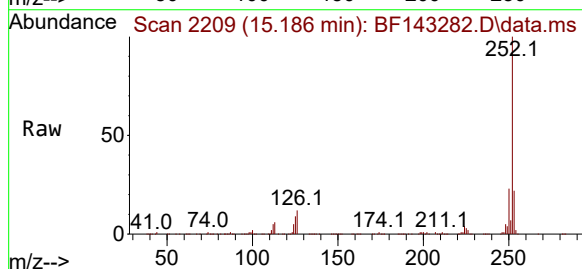
Tgt Ion:252 Resp: 530622

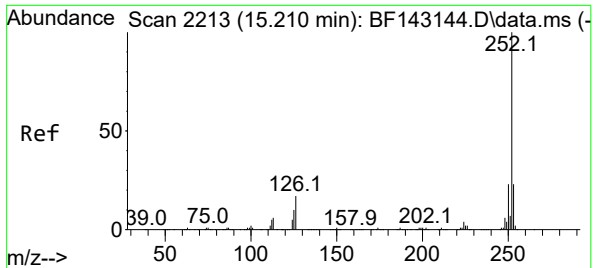
Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 9.2 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 49.184 ng

RT: 15.215 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF143282.D

Acq: 01 Aug 2025 15:05

Instrument :

BNA_F

ClientSampleId :

PB169087BSD

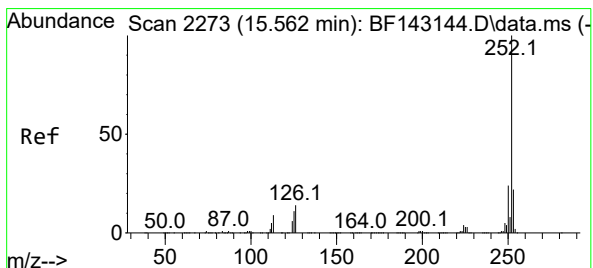
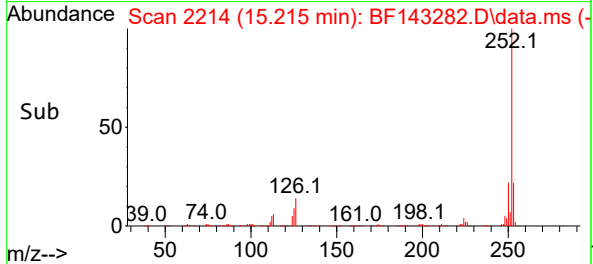
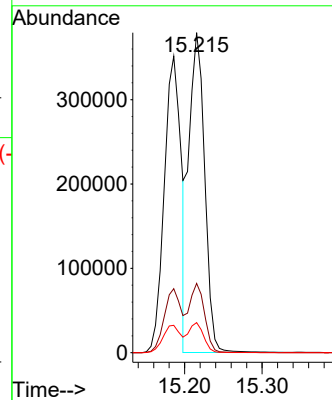
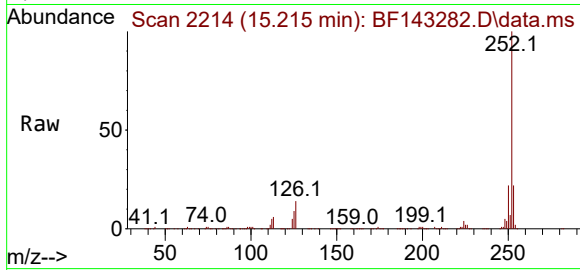
Tgt Ion:252 Resp: 532643

Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.6

125 9.4 8.1 12.1



#90

Benzo(a)pyrene

Concen: 45.527 ng

RT: 15.568 min Scan# 2274

Delta R.T. 0.006 min

Lab File: BF143282.D

Acq: 01 Aug 2025 15:05

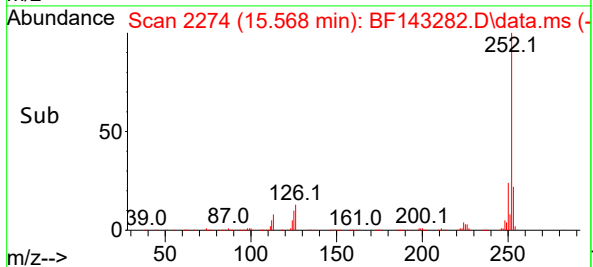
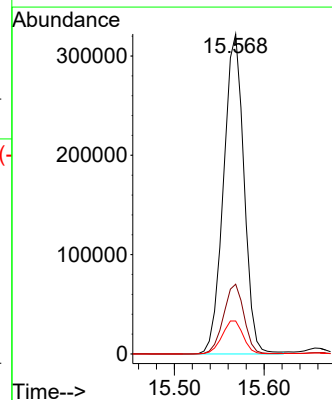
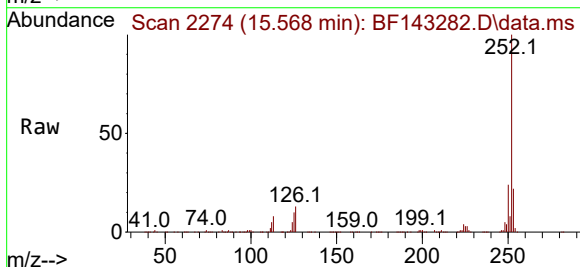
Tgt Ion:252 Resp: 509069

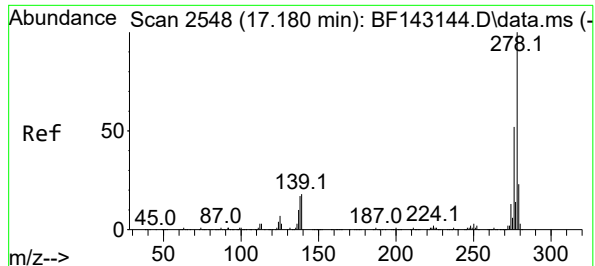
Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

125 10.3 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 44.211 ng

RT: 17.192 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF143282.D

Acq: 01 Aug 2025 15:05

Instrument :

BNA_F

ClientSampleId :

PB169087BSD

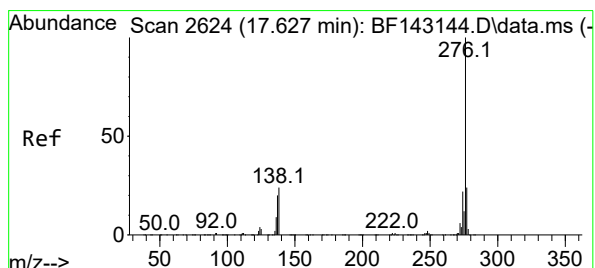
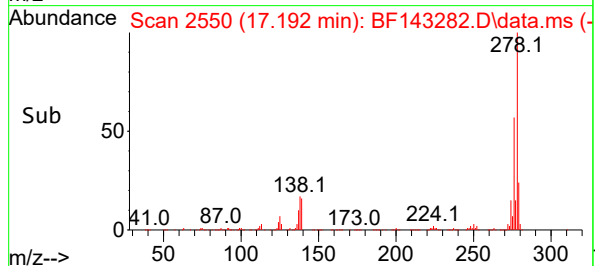
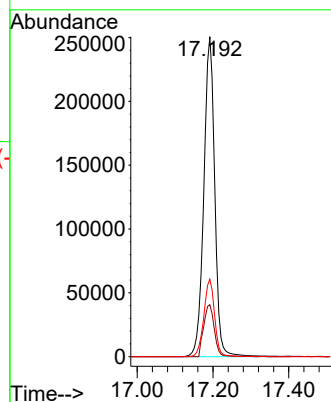
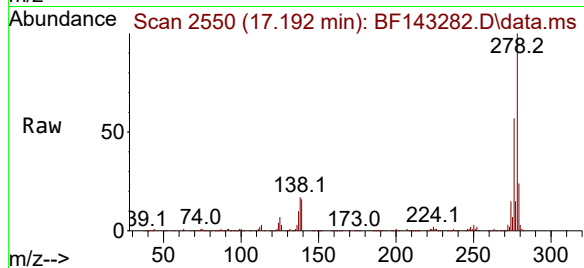
Tgt Ion:278 Resp: 504080

Ion Ratio Lower Upper

278 100

139 16.3 14.1 21.1

279 24.2 18.6 28.0



#92

Benzo(g,h,i)perylene

Concen: 44.602 ng

RT: 17.639 min Scan# 2626

Delta R.T. 0.012 min

Lab File: BF143282.D

Acq: 01 Aug 2025 15:05

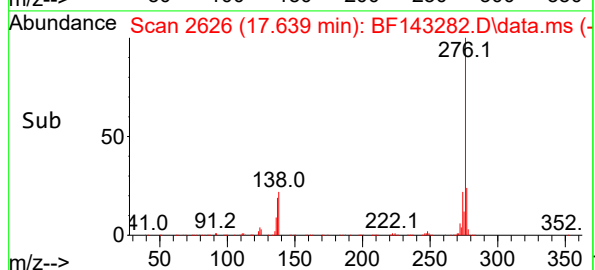
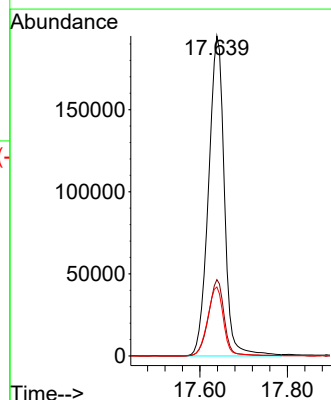
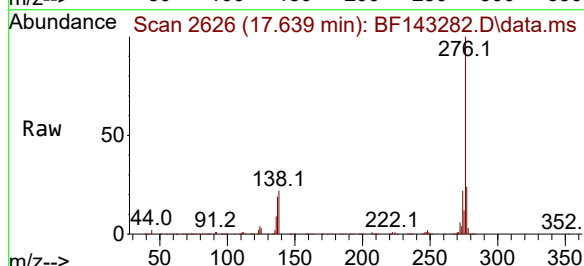
Tgt Ion:276 Resp: 491918

Ion Ratio Lower Upper

276 100

277 23.9 19.1 28.7

138 21.5 18.9 28.3



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



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Manual Integration Report

Sequence:

bf080125

Instrument

BNA_f

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason

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 # BF080125

Review By		Review On			
Supervise By		Supervise On			
SubDirectory	BF080125	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	S13169,10ul/1000ul sample				
ICV/I.BLK	SP6770				
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF143273.D	01 Aug 2025 10:11	RC/JU	Ok
2	SSTDCCC040	BF143274.D	01 Aug 2025 10:39	RC/JU	Ok,NR
3	PB169066BL	BF143275.D	01 Aug 2025 11:08	RC/JU	Ok
4	Q2126-02	BF143276.D	01 Aug 2025 11:44	RC/JU	Ok
5	PB169077BL	BF143277.D	01 Aug 2025 12:34	RC/JU	Ok
6	PB169077BS	BF143278.D	01 Aug 2025 13:03	RC/JU	Ok,NR
7	PB169060TB	BF143279.D	01 Aug 2025 13:31	RC/JU	Ok
8	Q2126-08	BF143280.D	01 Aug 2025 14:08	RC/JU	Ok
9	PB169087BS	BF143281.D	01 Aug 2025 14:37	RC/JU	Ok,NR
10	PB169087BSD	BF143282.D	01 Aug 2025 15:05	RC/JU	Ok,NR
11	PB169087BL	BF143283.D	01 Aug 2025 15:34	RC/JU	Ok
12	Q2733-01	BF143284.D	01 Aug 2025 16:03	RC/JU	Ok
13	Q2728-02	BF143285.D	01 Aug 2025 16:32	RC/JU	Ok
14	Q2728-02MS	BF143286.D	01 Aug 2025 17:01	RC/JU	Ok,NR
15	Q2728-02MSD	BF143287.D	01 Aug 2025 17:30	RC/JU	Ok,NR
16	SSTDCCC040	BF143288.D	01 Aug 2025 17:58	RC/JU	Ok,NR

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 # BF080125

Review By		Review On			
Supervise By		Supervise On			
SubDirectory	BF080125	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		S13169,10ul/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	BF143273.D	01 Aug 2025 10:11		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF143274.D	01 Aug 2025 10:39	CCC fail high side for com. #70	RC/JU	Ok,NR
3	PB169066BL	PB169066BL	BF143275.D	01 Aug 2025 11:08		RC/JU	Ok
4	Q2126-02	LOQ-SOIL-02-QT2-202	BF143276.D	01 Aug 2025 11:44	LOQ-SOIL-2.5 PPM	RC/JU	Ok
5	PB169077BL	PB169077BL	BF143277.D	01 Aug 2025 12:34		RC/JU	Ok
6	PB169077BS	PB169077BS	BF143278.D	01 Aug 2025 13:03		RC/JU	Ok,NR
7	PB169060TB	PB169060TB	BF143279.D	01 Aug 2025 13:31		RC/JU	Ok
8	Q2126-08	LOQ-WATER-02-QT2-2	BF143280.D	01 Aug 2025 14:08	LOQ-WATER-2.5 PPM	RC/JU	Ok
9	PB169087BS	PB169087BS	BF143281.D	01 Aug 2025 14:37		RC/JU	Ok,NR
10	PB169087BSD	PB169087BSD	BF143282.D	01 Aug 2025 15:05		RC/JU	Ok,NR
11	PB169087BL	PB169087BL	BF143283.D	01 Aug 2025 15:34		RC/JU	Ok
12	Q2733-01	TW-WTS-12	BF143284.D	01 Aug 2025 16:03		RC/JU	Ok
13	Q2728-02	7211931-VNJ240	BF143285.D	01 Aug 2025 16:32		RC/JU	Ok
14	Q2728-02MS	7211931-VNJ240MS	BF143286.D	01 Aug 2025 17:01		RC/JU	Ok,NR
15	Q2728-02MSD	7211931-VNJ240MSD	BF143287.D	01 Aug 2025 17:30		RC/JU	Ok,NR
16	SSTDCCC040	SSTDCCC040EC	BF143288.D	01 Aug 2025 17:58		RC/JU	Ok,NR

M : Manual Integration

SOP ID: M3510C,3580A-Extraction SVOC-21

Clean Up SOP #: N/A

Matrix : Water

Weigh By: N/A

Balance check: N/A

Balance ID: N/A

pH Strip Lot#: E3880

Extraction By: RS

Filter By: RJ

pH Meter ID: N/A

Hood ID: 4,6,7

Extraction Start Date : 08/01/2025

Extraction Start Time : 08:48

Extraction End Date : 08/01/2025

Extraction End Time : 13:45

Concentration By: EH

Supervisor By : RUPESH

Extraction Method: ☒ Separatory Funnel ☐ Continuous 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
LOQ	0.5ML	N/A 5 PPM	SP6817
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	EP2629
H2SO4 1:1	N/A	EP2610
10N NaoH	N/A	EP2609
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

pH Adjusted to < 2 with 1:1 H2SO4 & >12 with 10N NaOH , 1.5ML Vial Lot # 2210443.

KD Bath ID: WATER BATH-1,2

KD Bath Temperature: 60 °C

Envap ID: NE VAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
8/1/25	RS (Ext-Lab)	RC/SVOC
13:50	Preparation Group	Analysis Group

Analytical Method: M3510C,3580A-Extraction SVOC-21

Concentration Date: 08/01/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB169087BL	SBLK087	SVOCMS Group4	1000	6	RUPESH	Evelyn	1			SEP-5
PB169087BS	SLCS087	SVOCMS Group4	1000	6	RUPESH	Evelyn	1			6
PB169087BS D	SLCSD087	SVOCMS Group4	1000	6	RUPESH	Evelyn	1			7
Q2733-01	TW-WTS-12	SVOCMS Group4	980	11	RUPESH	Evelyn	1	F		8
Q2126-08	LOQ - WATER-QT2-2025 2.5 PPM	11	1000	6	11	11	1			9

RS
8/1

16087
870791

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2733 WorkList ID : 191058 Department : Extraction Date : 08-01-2025 08:40:25

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2733-01	TW-WTS-12	Water	SVOCMS Group4	Cool 4 deg C	ENTA05	O11	07/30/2025	8270E

Date/Time 8/1/25 8:42
Raw Sample Received by: RS (Ext 96)
Raw Sample Relinquished by: CR SM

Date/Time 8/1/25 9:10
Raw Sample Received by: CR SM
Raw Sample Relinquished by: RS (Ext 96)



SHIPPING DOCUMENTS



284 Sheffield Street, Mountainside, NJ 07092

(908) 789-8900 Fax: (908) 788-9222

www.chemtech.net

CHAIN OF CUSTODY RECORD

Alliance Project Number:

Q 2733

COC Number:

Page 1 of 1

CLIENT INFORMATION

PROJECT INFORMATION

BILLING INFORMATION

COMPANY: ENTACT, LLC

ADDRESS: 150 Bay Street, Suite 806

CITY: Jersey City STATE: NJ ZIP: 07302

ATTENTION: Austin Farmerie

PHONE: 412-716-1366

FAX:

PROJECT NAME: 540 Degraw St Brooklyn, NY

PROJECT #: E9309

LOCATION: Brooklyn, NY

PROJECT MANAGER: Austin Farmerie

E-MAIL: afarmerie@entact.com

PHONE: 412-716-1366

FAX:

BILL TO: ENTACT, LLC

PO# E9309

ADDRESS: 999 Oakmont Plaza Drive, Suite 300

CITY: Westmont

STATE: IL ZIP: 60559

ATTENTION: Wendy Murray

PHONE: 800-936-8228

ANALYSIS

DATA TURNAROUND INFORMATION

DATA DELIVERABLE INFORMATION

FAX: 5 DAYS*

HARD COPY: DAYS*

EDD 5 DAYS*

* TO BE APPROVED BY ALLIANCE

STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

- ☐ RESULTS ONLY ☐ USEPA CLP
☐ RESULTS + QC ☐ New York State ASP "B"
☐ New Jersey REDUCED ☐ New York State ASP "A"
☐ New Jersey CLP ☐ Other _____
☐ EDD Format _____

SVOC-TCL BNA-20	Flash Point	PCB	BOD5	TSS	VOC-TCLVOA- 10	Metals ICP-TAL		
1	2	3	4	5	6	7	8	9

PRESERVATIVES

COMMENTS

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# of Bottles	E	E	E	E	E	A	B			<-- Specify Preservatives A-HCl B-HNO3 C-H2SO4 D-NaOH E-ICE F-Other
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	
1.	TW-WTS-12	Surface Water		X	7/30	11:00	7	X	X	X	X	X	X	X			
2.																	
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER 1. Austin Farmerie	DATE/TIME 07/30/25 12:00	RECEIVED BY 	1300	Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp. 3.1C
RELINQUISHED BY	DATE/TIME	RECEIVED BY	7-30-25	Comments:
2.		2.		
RELINQUISHED BY 	DATE/TIME 1535 7-30-25	RECEIVED FOR LAB BY		SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight ALLIANCE: ☐ Picked Up ☐ Overnight
3.		3.		Shipment Complete ☐ YES ☐ NO

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT

YELLOW - ALLIANCE COPY

PINK - SAMPLER COPY

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 : Q2733	ENTA05	Order Date : 7/30/2025 1:11:00 PM	Project Mgr :
Client Name : ENTACT		Project Name : 540 Degraw St, Brooklyn, N	Report Type : Level 1
Client Contact : Austin Farmerie		Receive DateTime : 7/30/2025 ~~2:00:00~~ PM	EDD Type : Excel NJ
Invoice Name : ENTACT		Purchase Order : 03:35:00	Hard Copy Date :
Invoice Contact : Austin Farmerie			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2733-01	TW-WTS-12	Water	07/30/2025	11:00		VOCMS Group4	8260-Low		5 Bus. Days

Relinquished By: 

Date / Time: 7-30-25 1555

Received By: 

Date / Time: 7/30/25 1555

Storage Area : VOA Refridgerator Room