

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080323\
 Data File : BF134612.D
 Acq On : 03 Aug 2023 15:09
 Operator : CG\JU
 Sample : 03686-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RPTP-9-CS-9

Quant Time: Aug 04 01:08:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 02:20:34 2023
 Response via : Initial Calibration

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

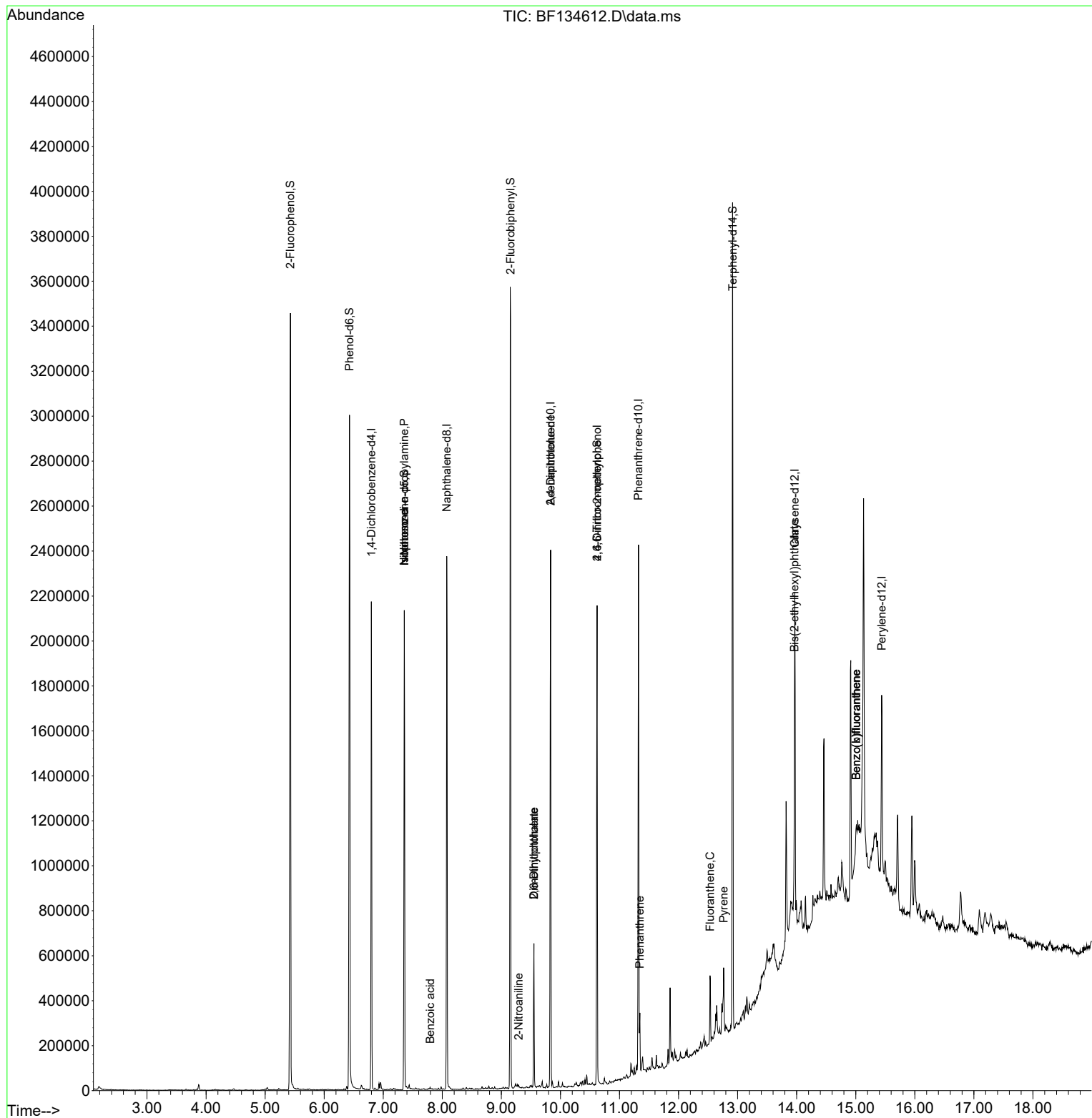
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	287631	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	1004400	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	442791	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	804552	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	467415	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	397386	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	968162	51.166	ng	0.01
7) Phenol-d6	6.428	99	1189242	49.167	ng	0.00
23) Nitrobenzene-d5	7.357	82	635660	39.550	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	241619	53.529	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1117777	41.973	ng	0.00
79) Terphenyl-d14	12.916	244	1212325	45.723	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.351	77	715	Below Cal	#	62
19) n-Nitroso-di-n-propyla...	7.357	70	86546	5.976	ng	# 74
25) Isophorone	7.357	82	635653	18.133	ng	# 65
32) Benzoic acid	7.798	122	265	7.889	ng	# 78
48) 2-Nitroaniline	9.292	65	584	3.234	ng	# 32
50) Dimethylphthalate	9.551	163	220091	7.293	ng	98
51) 2,6-Dinitrotoluene	9.551	165	3043	2.962	ng	# 39
57) 2,4-Dinitrotoluene	9.833	165	58653	10.238	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.622	198	612	8.853	ng	# 1
71) Phenanthrene	11.345	178	96631	2.261	ng	98
75) Fluoranthene	12.533	202	130142	2.883	ng	96
78) Pyrene	12.763	202	115535	2.857	ng	97
84) Bis(2-ethylhexyl)phtha...	13.963	149	40304	2.504	ng	99
88) Benzo(b)fluoranthene	15.010	252	67196	2.773	ng	# 82
89) Benzo(k)fluoranthene	15.010	252	67196	2.783	ng	# 83

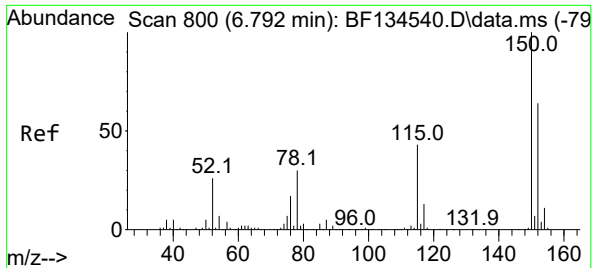
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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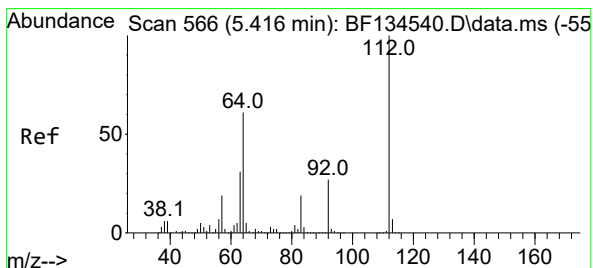
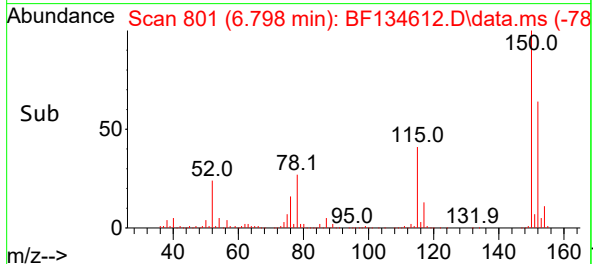
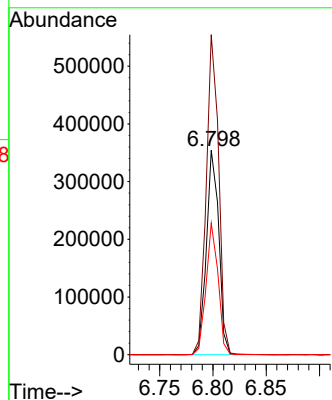
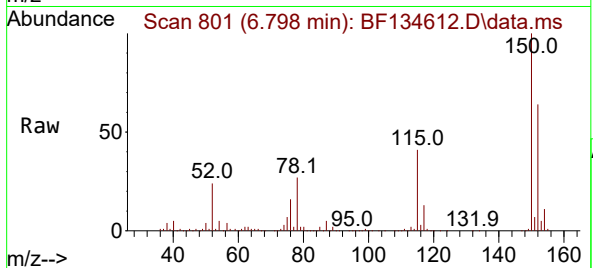




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.006 min
Lab File: BF134612.D
Acq: 03 Aug 2023 15:09

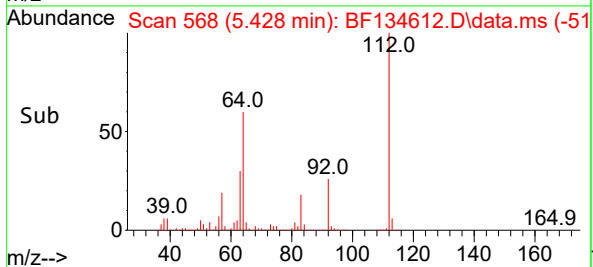
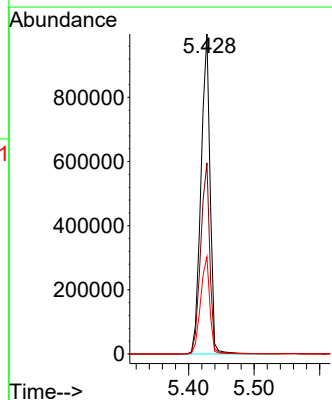
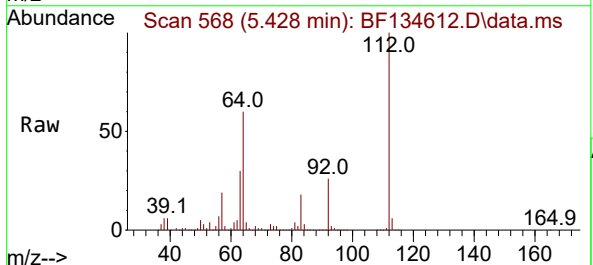
Instrument :
BNA_F
ClientSampleId :
RPTP-9-CS-9

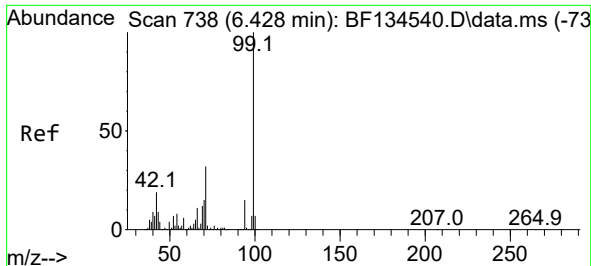
Tgt Ion:152 Resp: 287631
Ion Ratio Lower Upper
152 100
150 156.7 128.3 192.5
115 64.4 52.4 78.6



#5
2-Fluorophenol
Concen: 51.166 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.012 min
Lab File: BF134612.D
Acq: 03 Aug 2023 15:09

Tgt Ion:112 Resp: 968162
Ion Ratio Lower Upper
112 100
64 59.7 44.9 67.3
63 30.3 25.4 38.0

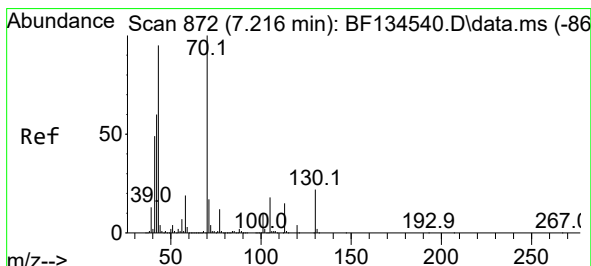
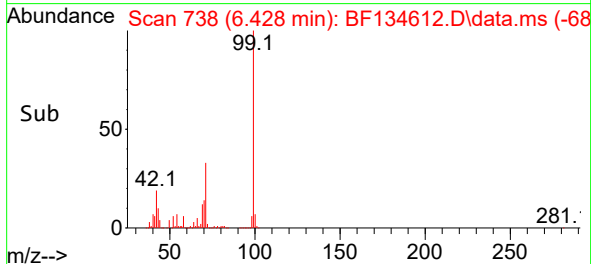
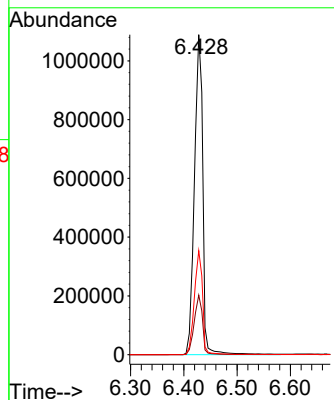
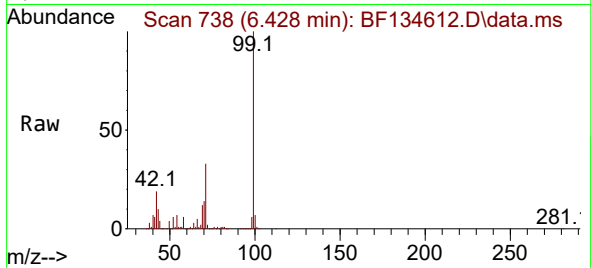




#7
Phenol-d6
Concen: 49.167 ng
RT: 6.428 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF134612.D
Acq: 03 Aug 2023 15:09

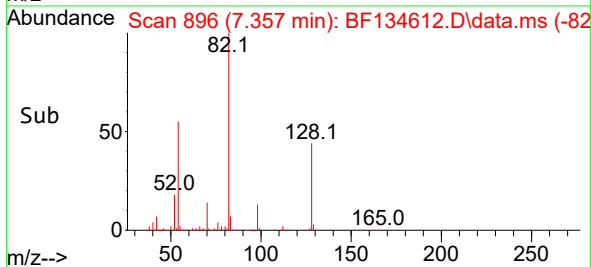
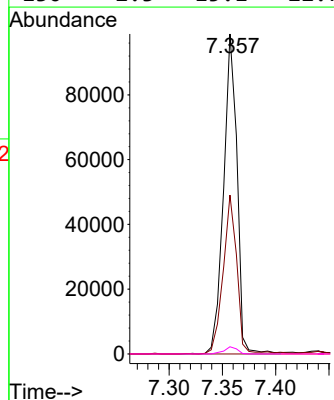
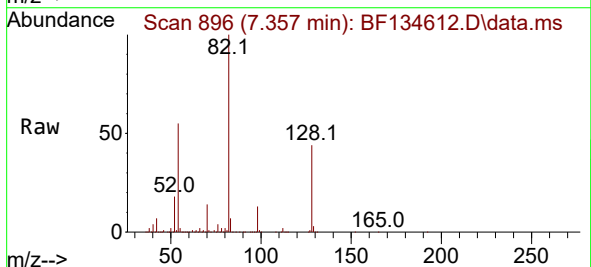
Instrument :
BNA_F
ClientSampleId :
RPTP-9-CS-9

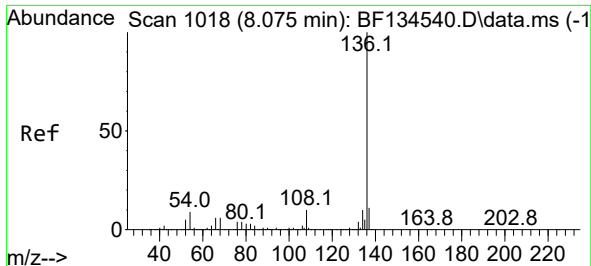
Tgt Ion: 99 Resp: 1189242
Ion Ratio Lower Upper
99 100
42 18.6 18.7 28.1#
71 32.5 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 5.976 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF134612.D
Acq: 03 Aug 2023 15:09

Tgt Ion: 70 Resp: 86546
Ion Ratio Lower Upper
70 100
42 49.6 54.7 82.1#
101 0.0 8.2 12.2#
130 2.3 15.1 22.7#

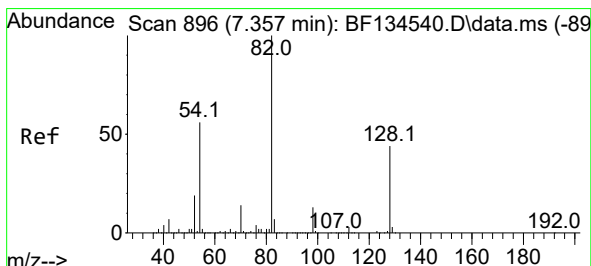
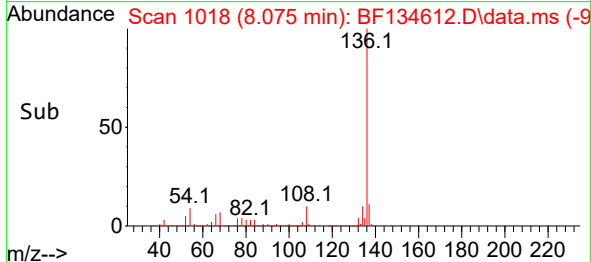
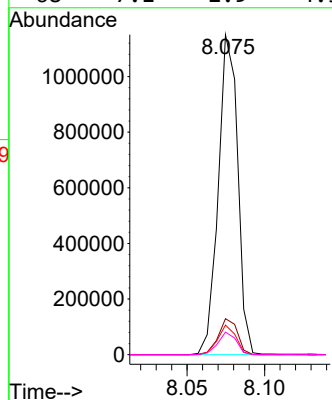
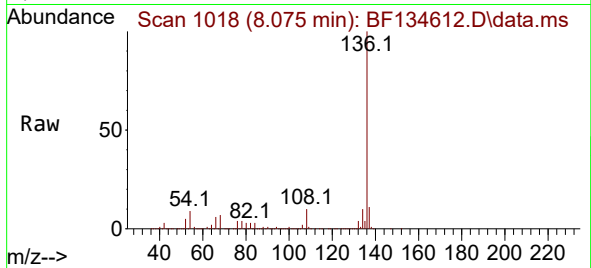




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BF134612.D
Acq: 03 Aug 2023 15:09

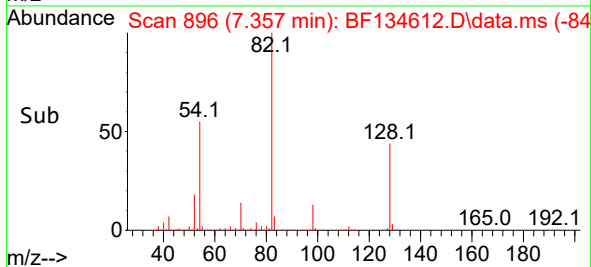
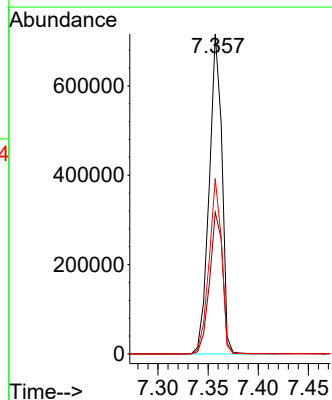
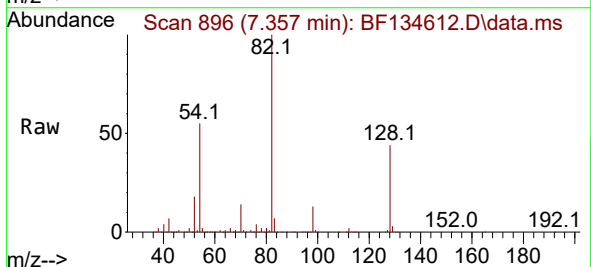
Instrument :
BNA_F
ClientSampleId :
RPTP-9-CS-9

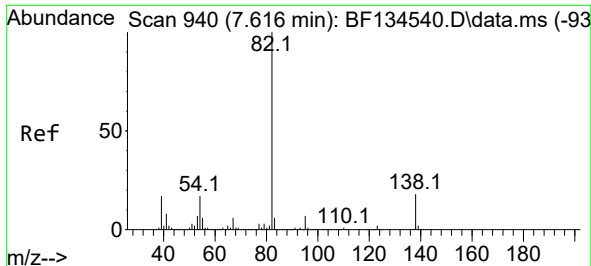
Tgt Ion:136 Resp: 1004400
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 9.3 5.2 7.8#
68 7.1 2.9 4.3#



#23
Nitrobenzene-d5
Concen: 39.550 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.000 min
Lab File: BF134612.D
Acq: 03 Aug 2023 15:09

Tgt Ion: 82 Resp: 635660
Ion Ratio Lower Upper
82 100
128 44.2 34.3 51.5
54 54.8 43.8 65.6

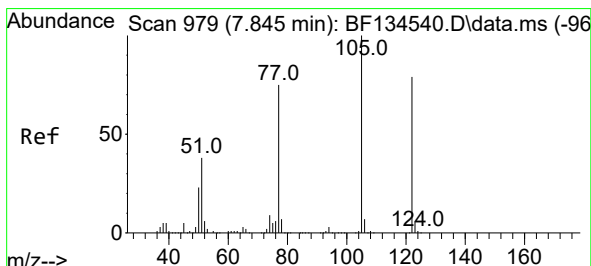
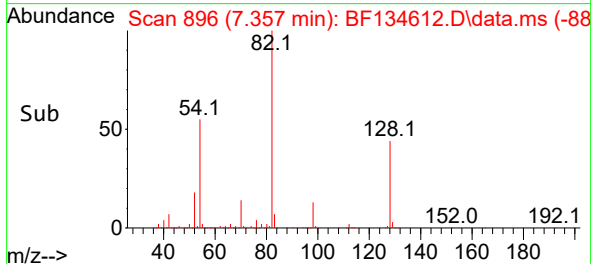
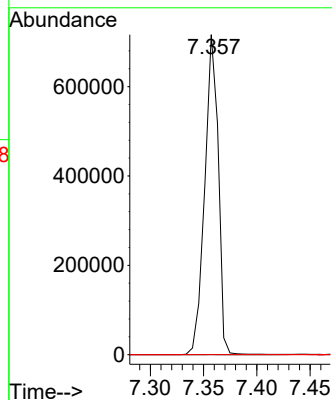
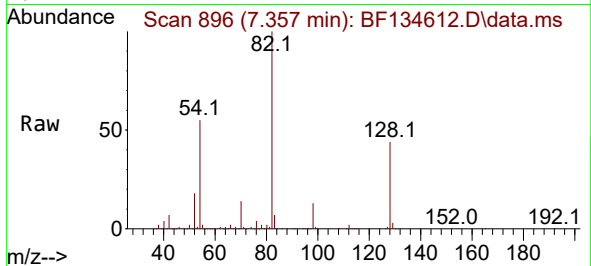




#25
Isophorone
Concen: 18.133 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.259 min
Lab File: BF134612.D
Acq: 03 Aug 2023 15:09

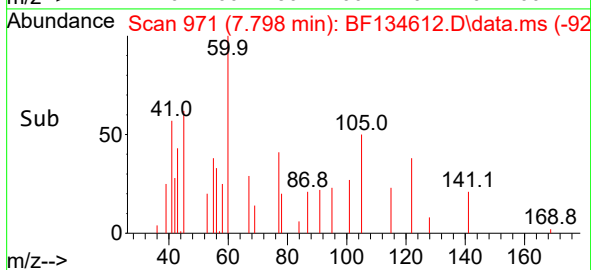
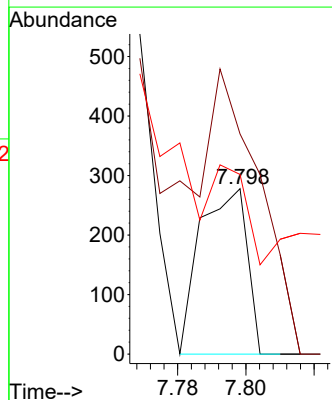
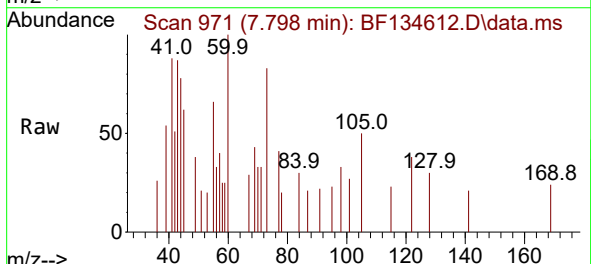
Instrument :
BNA_F
ClientSampleId :
RPTP-9-CS-9

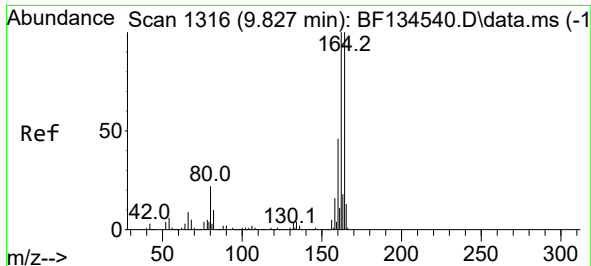
Tgt Ion: 82 Resp: 635653
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#32
Benzoic acid
Concen: 7.889 ng
RT: 7.798 min Scan# 971
Delta R.T. -0.047 min
Lab File: BF134612.D
Acq: 03 Aug 2023 15:09

Tgt Ion:122 Resp: 265
Ion Ratio Lower Upper
122 100
105 133.1 87.5 127.5#
77 108.6 71.4 111.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF134612.D

Acq: 03 Aug 2023 15:09

Instrument :

BNA_F

ClientSampleId :

RPTP-9-CS-9

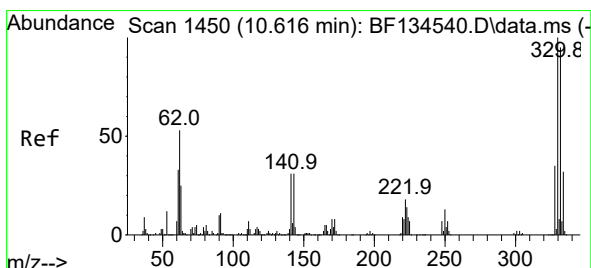
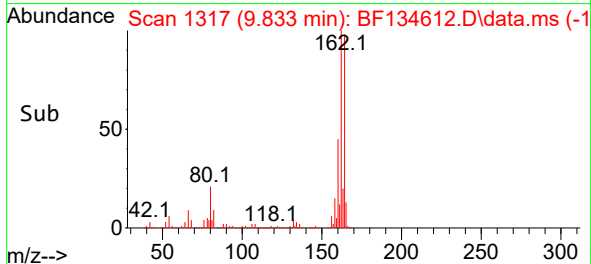
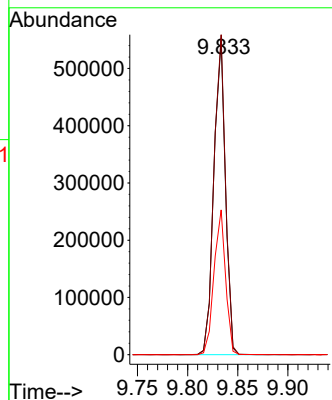
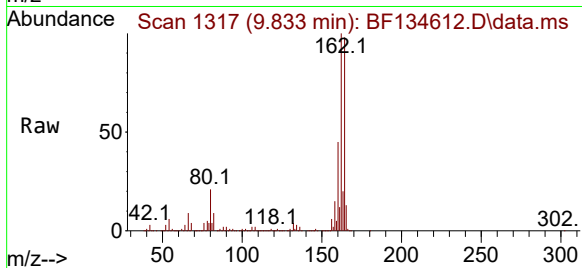
Tgt Ion:164 Resp: 442791

Ion Ratio Lower Upper

164 100

162 101.9 82.6 123.8

160 46.1 37.2 55.8



#42

2,4,6-Tribromophenol

Concen: 53.529 ng

RT: 10.622 min Scan# 1451

Delta R.T. 0.006 min

Lab File: BF134612.D

Acq: 03 Aug 2023 15:09

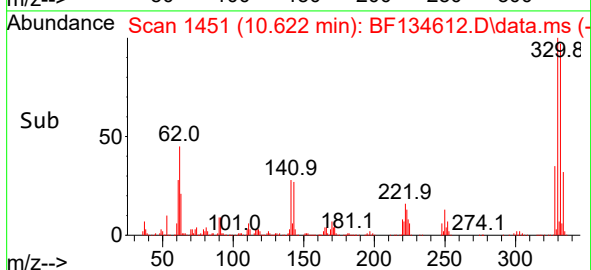
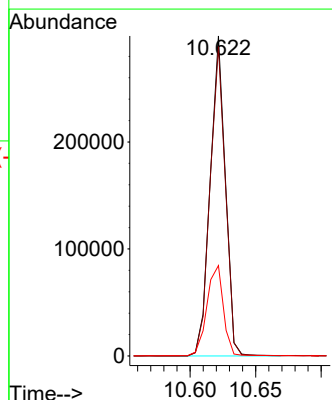
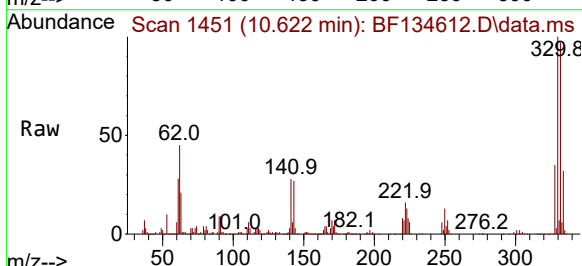
Tgt Ion:330 Resp: 241619

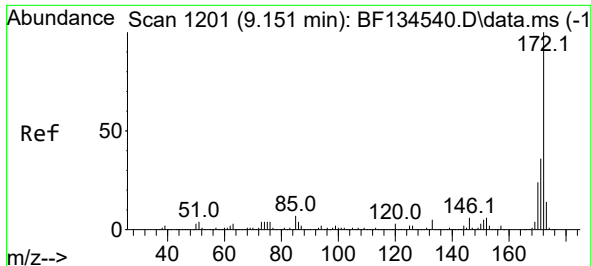
Ion Ratio Lower Upper

330 100

332 97.7 78.8 118.2

141 30.6 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 41.973 ng

RT: 9.157 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF134612.D

Acq: 03 Aug 2023 15:09

Instrument :

BNA_F

ClientSampleId :

RPTP-9-CS-9

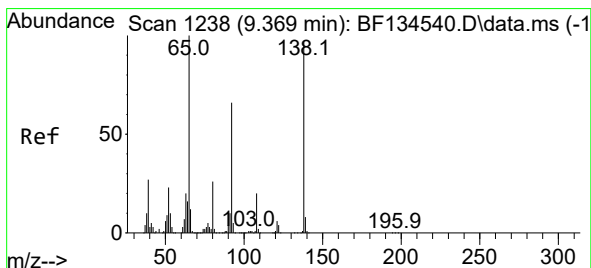
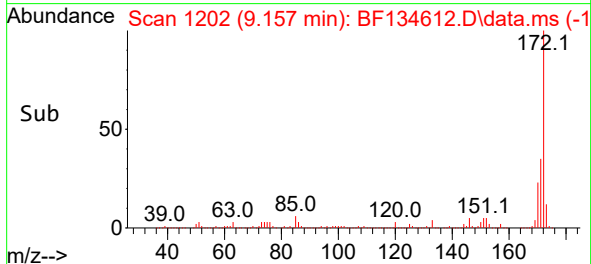
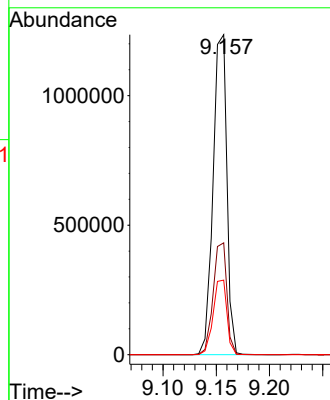
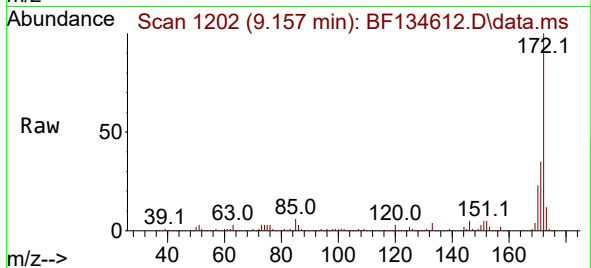
Tgt Ion:172 Resp: 1117777

Ion Ratio Lower Upper

172 100

171 35.0 28.8 43.2

170 23.3 18.7 28.1



#48

2-Nitroaniline

Concen: 3.234 ng

RT: 9.292 min Scan# 1225

Delta R.T. -0.077 min

Lab File: BF134612.D

Acq: 03 Aug 2023 15:09

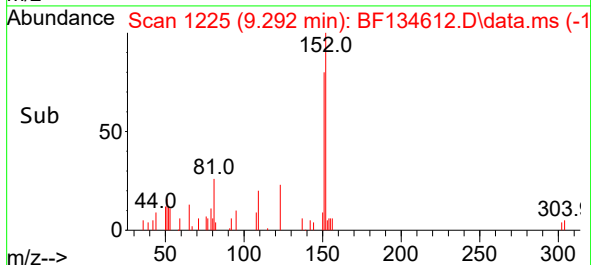
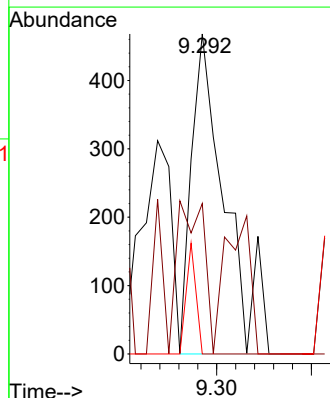
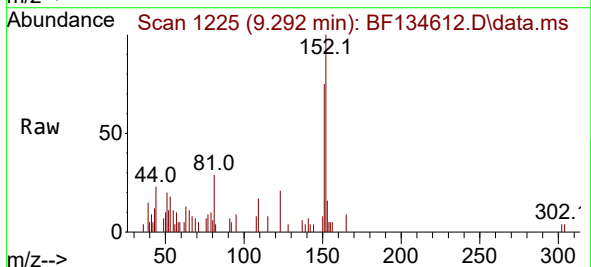
Tgt Ion: 65 Resp: 584

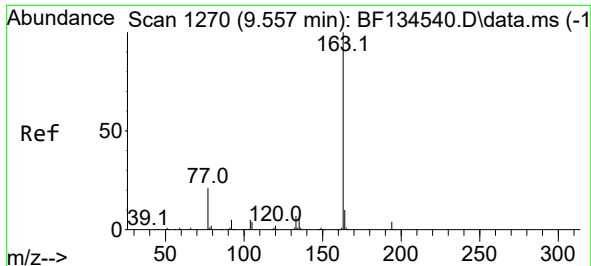
Ion Ratio Lower Upper

65 100

92 47.0 50.7 76.1#

138 0.0 78.2 117.4#

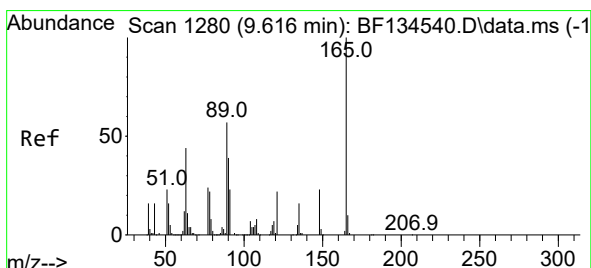
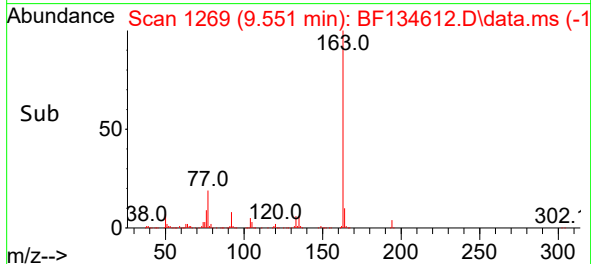
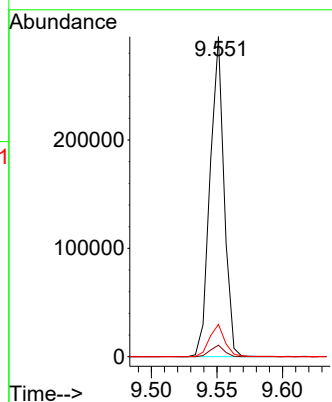
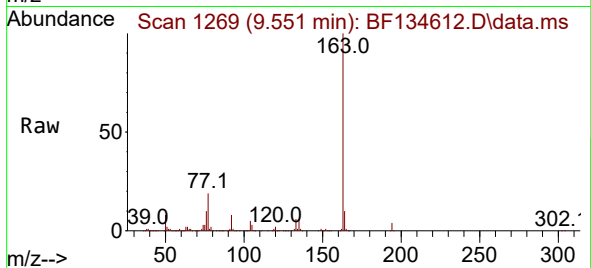




#50
Dimethylphthalate
Concen: 7.293 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.006 min
Lab File: BF134612.D
Acq: 03 Aug 2023 15:09

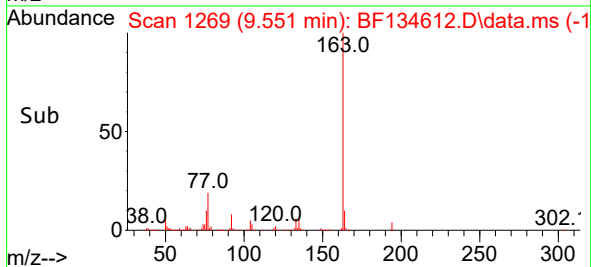
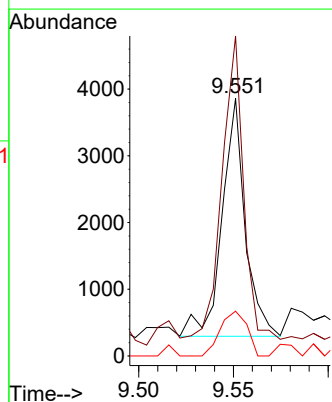
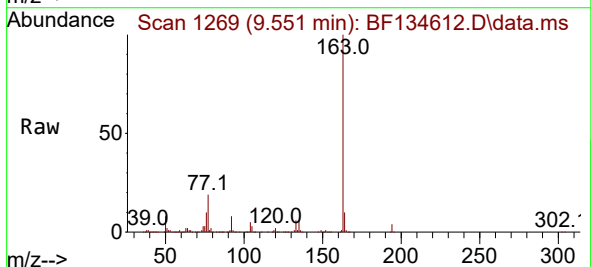
Instrument :
BNA_F
ClientSampleId :
RPTP-9-CS-9

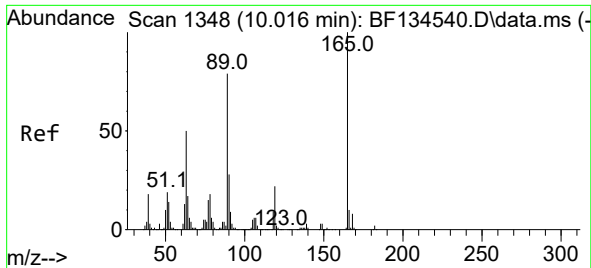
Tgt Ion:163 Resp: 220091
Ion Ratio Lower Upper
163 100
194 3.6 3.3 4.9
164 10.1 7.5 11.3



#51
2,6-Dinitrotoluene
Concen: 2.962 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.065 min
Lab File: BF134612.D
Acq: 03 Aug 2023 15:09

Tgt Ion:165 Resp: 3043
Ion Ratio Lower Upper
165 100
63 124.2 57.8 86.6#
89 17.4 51.8 77.8#

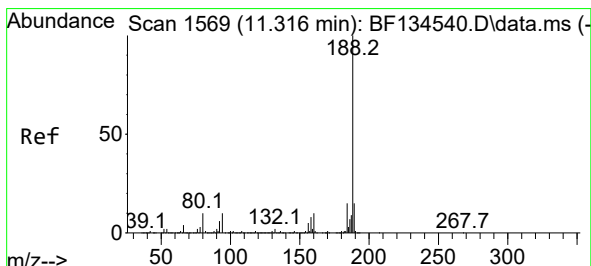
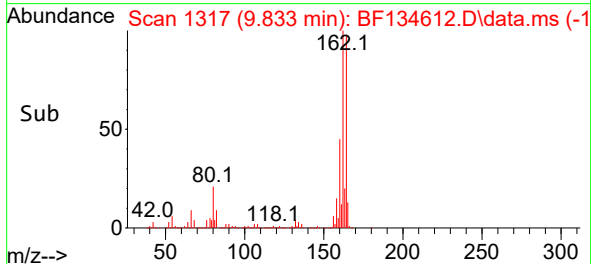
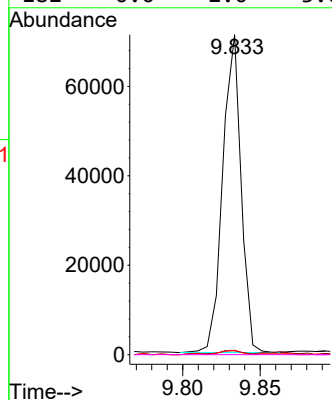
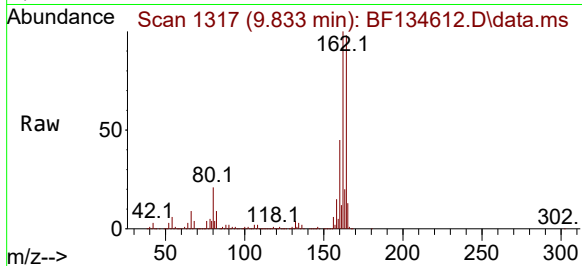




#57
2,4-Dinitrotoluene
Concen: 10.238 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.183 min
Lab File: BF134612.D
Acq: 03 Aug 2023 15:09

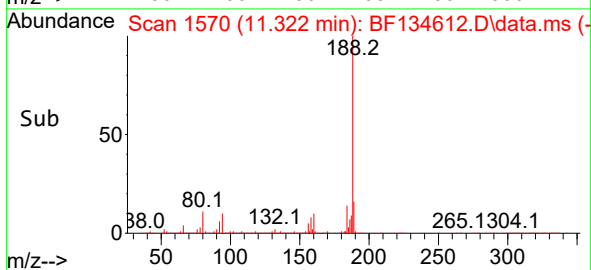
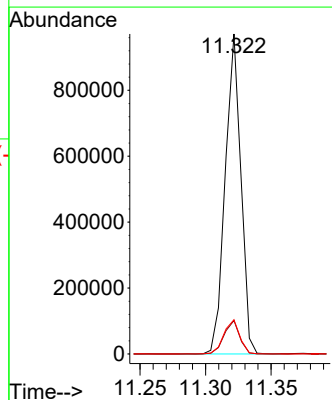
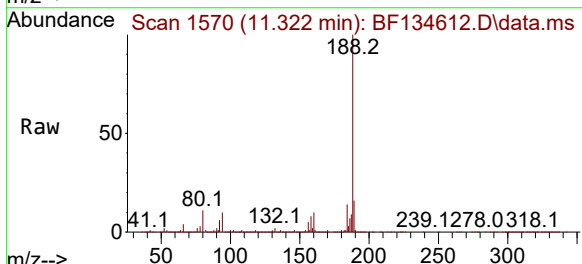
Instrument :
BNA_F
ClientSampleId :
RPTP-9-CS-9

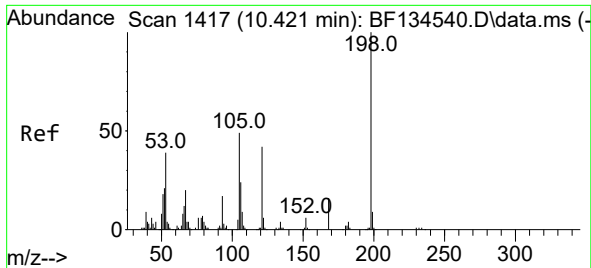
Tgt Ion:165 Resp: 58653
Ion Ratio Lower Upper
165 100
63 1.2 48.9 73.3#
89 1.4 61.7 92.5#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1570
Delta R.T. 0.006 min
Lab File: BF134612.D
Acq: 03 Aug 2023 15:09

Tgt Ion:188 Resp: 804552
Ion Ratio Lower Upper
188 100
94 10.4 5.1 7.7#
80 10.7 6.6 9.8#

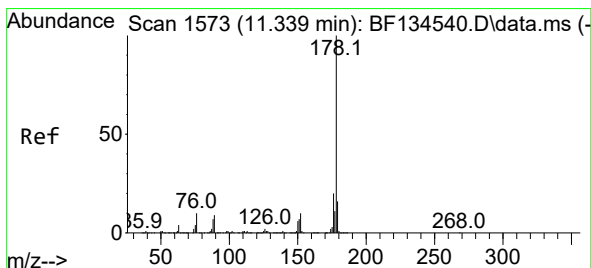
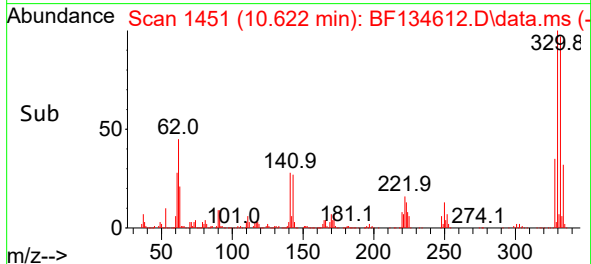
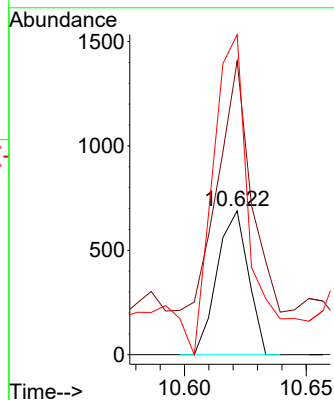
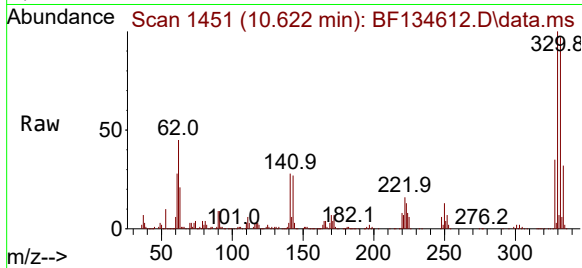




#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.853 ng
 RT: 10.622 min Scan# 1417
 Delta R.T. 0.201 min
 Lab File: BF134612.D
 Acq: 03 Aug 2023 15:09

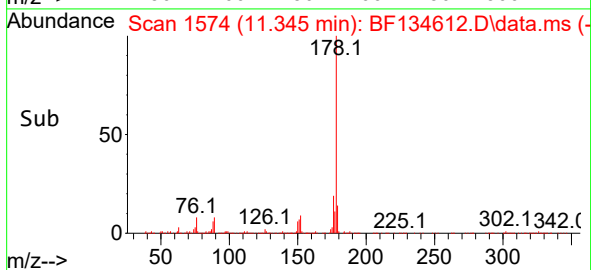
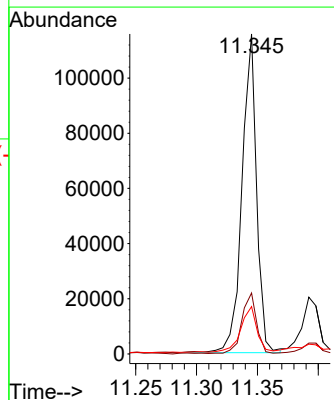
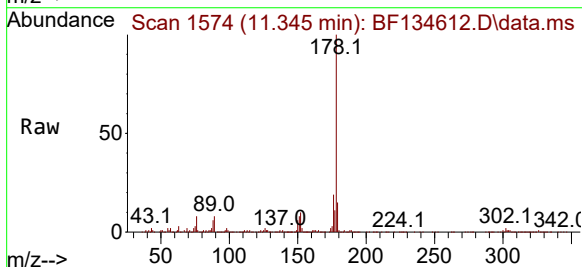
Instrument :
 BNA_F
 ClientSampleId :
 RPTP-9-CS-9

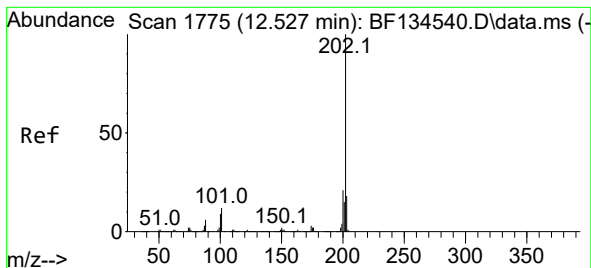
Tgt Ion:198 Resp: 612
 Ion Ratio Lower Upper
 198 100
 51 204.2 38.6 78.6#
 105 222.5 27.9 67.9#



#71
 Phenanthrene
 Concen: 2.261 ng
 RT: 11.345 min Scan# 1574
 Delta R.T. 0.006 min
 Lab File: BF134612.D
 Acq: 03 Aug 2023 15:09

Tgt Ion:178 Resp: 96631
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.8 23.6
 179 14.8 12.7 19.1





#75

Fluoranthene

Concen: 2.883 ng

RT: 12.533 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF134612.D

Acq: 03 Aug 2023 15:09

Instrument :

BNA_F

ClientSampleId :

RPTP-9-CS-9

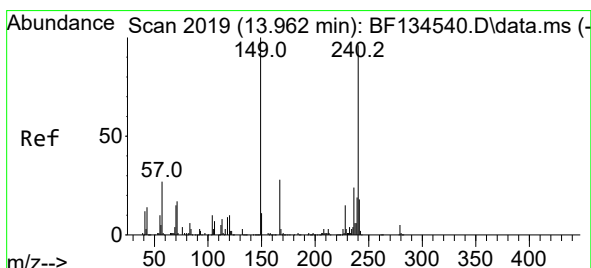
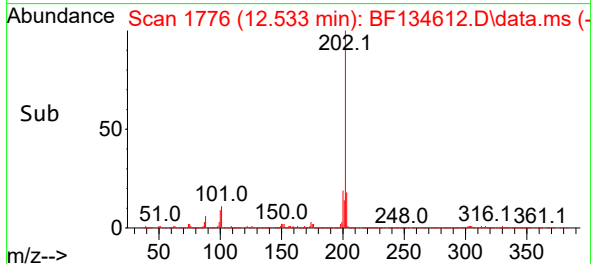
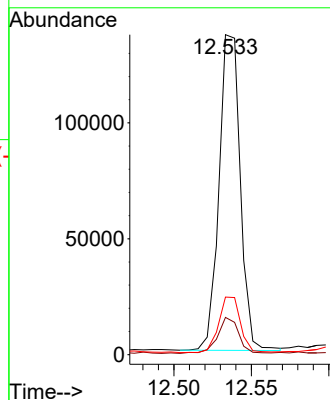
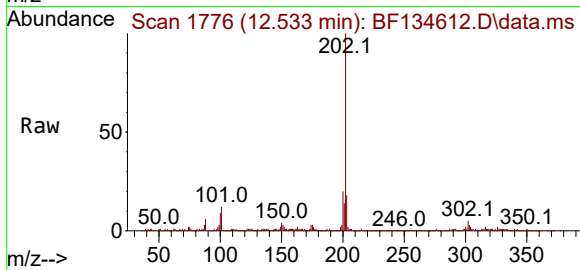
Tgt Ion:202 Resp: 130142

Ion Ratio Lower Upper

202 100

101 11.6 0.0 28.5

203 18.0 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 2020

Delta R.T. 0.006 min

Lab File: BF134612.D

Acq: 03 Aug 2023 15:09

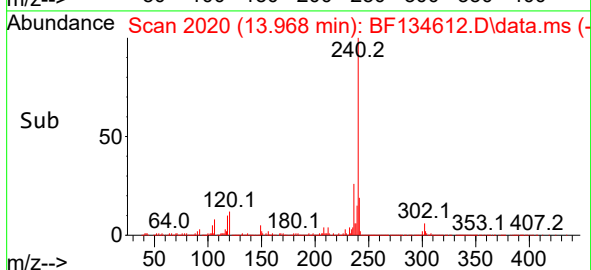
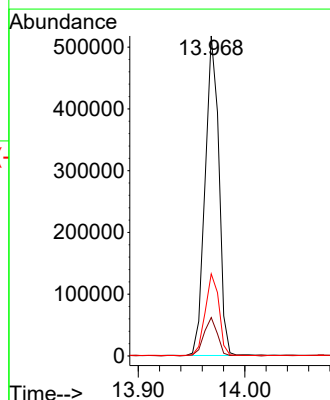
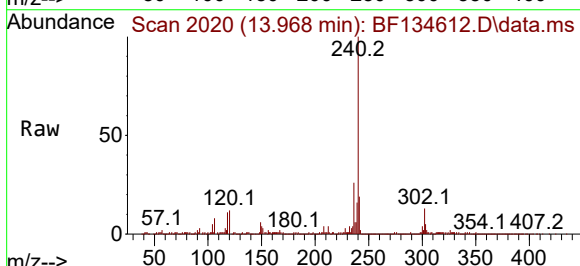
Tgt Ion:240 Resp: 467415

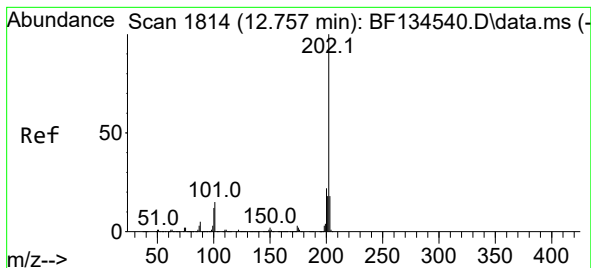
Ion Ratio Lower Upper

240 100

120 12.0 6.6 10.0#

236 25.6 20.2 30.2





#78

Pyrene

Concen: 2.857 ng

RT: 12.763 min Scan# 1815

Delta R.T. 0.006 min

Lab File: BF134612.D

Acq: 03 Aug 2023 15:09

Instrument :

BNA_F

ClientSampleId :

RPTP-9-CS-9

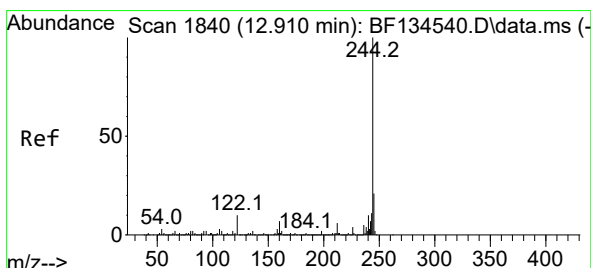
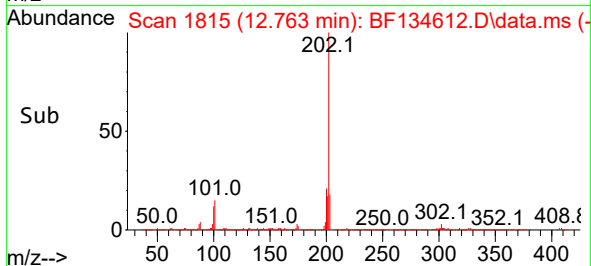
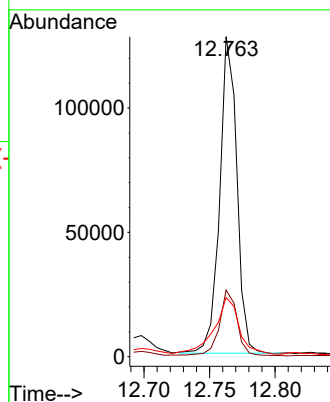
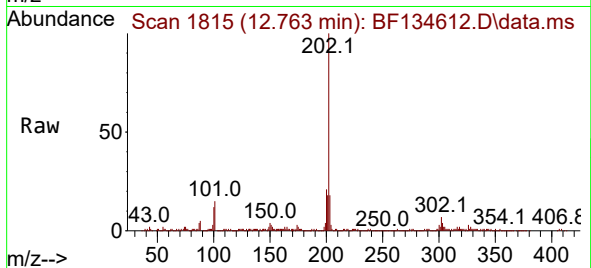
Tgt Ion:202 Resp: 115535

Ion Ratio Lower Upper

202 100

200 20.8 15.8 23.8

203 18.4 13.5 20.3



#79

Terphenyl-d14

Concen: 45.723 ng

RT: 12.916 min Scan# 1841

Delta R.T. 0.006 min

Lab File: BF134612.D

Acq: 03 Aug 2023 15:09

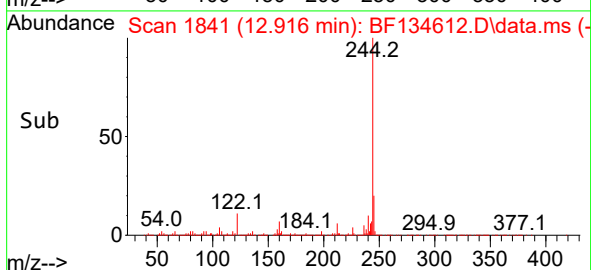
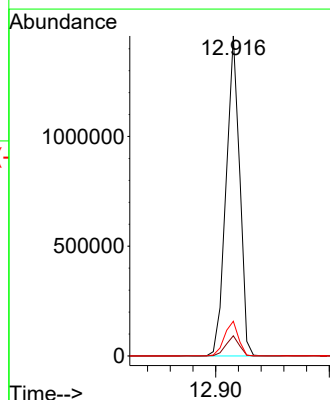
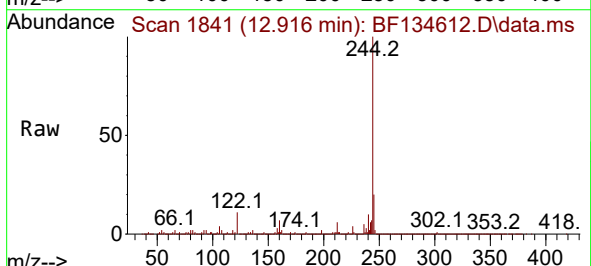
Tgt Ion:244 Resp: 1212325

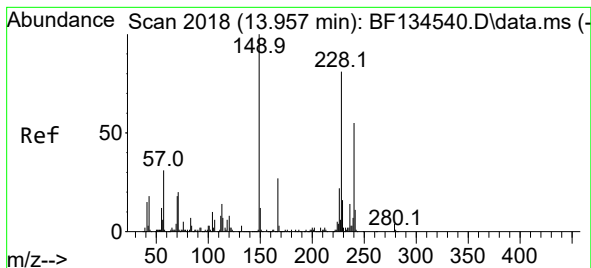
Ion Ratio Lower Upper

244 100

212 6.3 5.6 8.4

122 10.9 8.0 12.0





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.504 ng

RT: 13.963 min Scan# 2018

Delta R.T. 0.006 min

Lab File: BF134612.D

Acq: 03 Aug 2023 15:09

Instrument :

BNA_F

ClientSampleId :

RPTP-9-CS-9

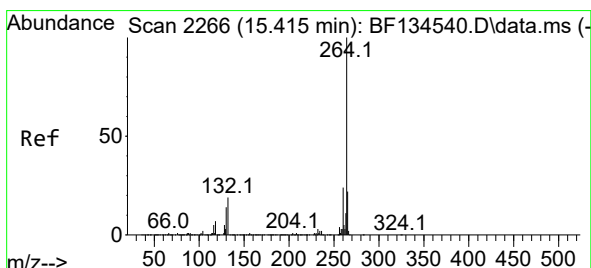
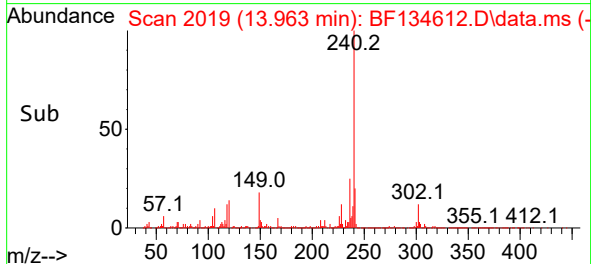
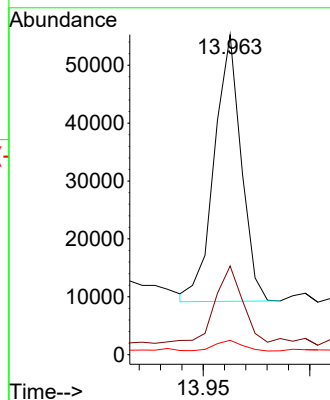
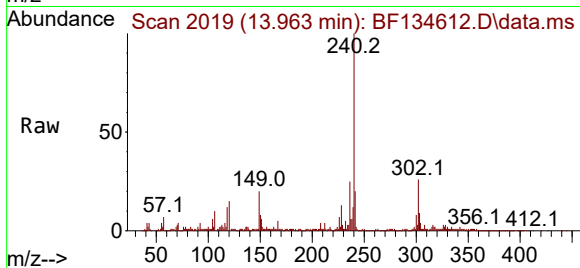
Tgt Ion:149 Resp: 40304

Ion Ratio Lower Upper

149 100

167 27.7 21.6 32.4

279 4.5 3.5 5.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 2270

Delta R.T. 0.024 min

Lab File: BF134612.D

Acq: 03 Aug 2023 15:09

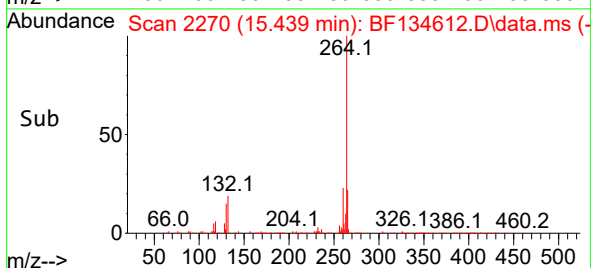
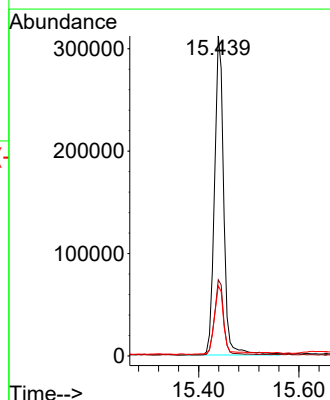
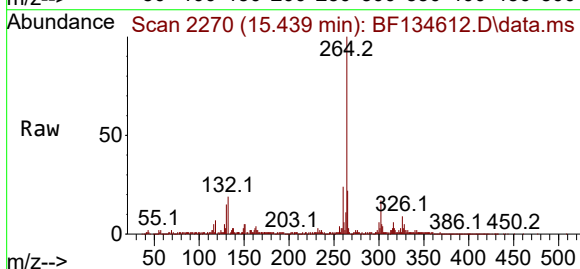
Tgt Ion:264 Resp: 397386

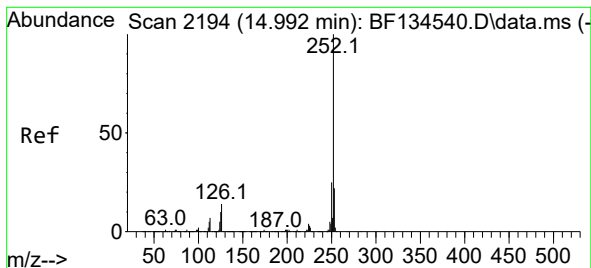
Ion Ratio Lower Upper

264 100

260 23.8 18.4 27.6

265 21.9 15.8 23.8





#88

Benzo(b)fluoranthene

Concen: 2.773 ng

RT: 15.010 min Scan# 2197

Delta R.T. 0.018 min

Lab File: BF134612.D

Acq: 03 Aug 2023 15:09

Instrument :

BNA_F

ClientSampleId :

RPTP-9-CS-9

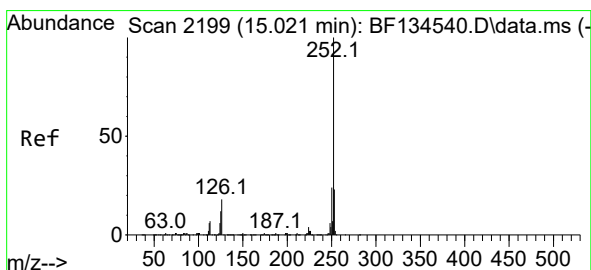
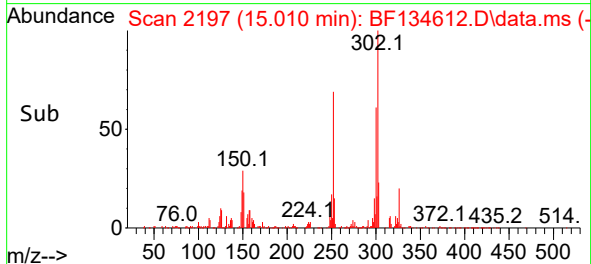
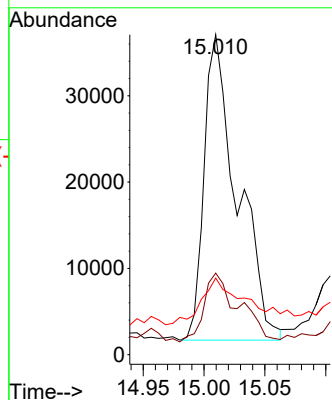
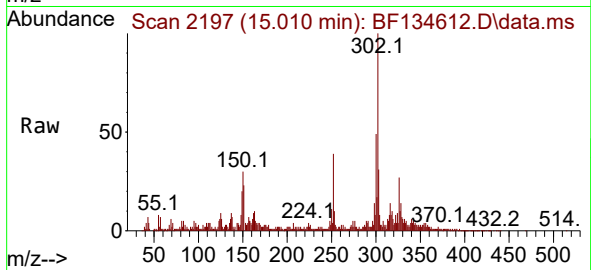
Tgt Ion:252 Resp: 67196

Ion Ratio Lower Upper

252 100

253 25.5 17.3 25.9

125 24.0 6.0 9.0#



#89

Benzo(k)fluoranthene

Concen: 2.783 ng

RT: 15.010 min Scan# 2197

Delta R.T. -0.012 min

Lab File: BF134612.D

Acq: 03 Aug 2023 15:09

Tgt Ion:252 Resp: 67196

Ion Ratio Lower Upper

252 100

253 25.5 17.9 26.9

125 24.0 6.3 9.5#

