

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080123\
 Data File : BF134566.D
 Acq On : 02 Aug 2023 00:41
 Operator : CG\JU
 Sample : 03645-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 02 02:47:44 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	6.793	152	186419	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	688439	20.000	ng	# 0.00
39) Acenaphthene-d10	9.828	164	288810	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	477851	20.000	ng	# 0.00
76) Chrysene-d12	13.969	240	297316	20.000	ng	# 0.00
86) Perylene-d12	15.427	264	259002	20.000	ng	# 0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1280772	104.437	ng	0.00
7) Phenol-d6	6.428	99	1617863	103.202	ng	0.00
23) Nitrobenzene-d5	7.357	82	962386	87.360	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	310847	105.581	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1503838	86.577	ng	0.00
79) Terphenyl-d14	12.910	244	1458203	86.461	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.346	77	5617	Below Cal		94
25) Isophorone	7.357	82	960637	39.980	ng	# 65
26) 2-Nitrophenol	7.698	139	712	4.919	ng	# 1
31) Naphthalene	8.092	128	234550	6.779	ng	98
32) Benzoic acid	7.851	122	3068	8.234	ng	# 71
35) Caprolactam	8.498	113	6312	2.011	ng	# 1
36) 4-Chloro-3-methylphenol	8.639	107	40299	3.911	ng	# 24
37) 2-Methylnaphthalene	8.787	142	117658	5.130	ng	98
38) 1-Methylnaphthalene	8.881	142	81194	3.807	ng	100
48) 2-Nitroaniline	9.381	65	294	3.218	ng	# 24
49) Acenaphthylene	9.686	152	78802	2.979	ng	97
50) Dimethylphthalate	9.545	163	66371	3.372	ng	# 96
51) 2,6-Dinitrotoluene	9.828	165	42677	12.527	ng	# 18
52) Acenaphthene	9.857	154	112125	6.541	ng	98
54) 2,4-Dinitrophenol	9.934	184	56	6.827	ng	# 1
55) Dibenzofuran	10.028	168	135784	5.564	ng	95
56) 4-Nitrophenol	10.028	139	51396	14.323	ng	# 1
57) 2,4-Dinitrotoluene	9.986	165	1641	3.168	ng	# 57
58) Fluorene	10.375	166	128141	7.209	ng	96
65) 4,6-Dinitro-2-methylph...	10.439	198	157	8.765	ng	# 1
67) 4-Bromophenyl-phenylether	10.616	248	19875	3.799	ng	# 1
68) Hexachlorobenzene	10.922	284	15556	2.816	ng	93
71) Phenanthrene	11.345	178	1827561	72.004	ng	100
72) Anthracene	11.392	178	510272	19.682	ng	99
73) Carbazole	11.545	167	247328	10.684	ng	100
74) Di-n-butylphthalate	11.886	149	75540	3.072	ng	# 93
75) Fluoranthene	12.545	202	2290804	85.443	ng	97
78) Pyrene	12.769	202	2010084	78.131	ng	97
81) Benzo(a)anthracene	13.957	228	964259	45.357	ng	97
83) Chrysene	13.992	228	916830	44.265	ng	97
84) Bis(2-ethylhexyl)phtha...	13.963	149	22988	2.245	ng	# 84
87) Indeno(1,2,3-cd)pyrene	16.904	276	398875	26.186	ng	# 94
88) Benzo(b)fluoranthene	15.004	252	1300111	82.305	ng	# 93
89) Benzo(k)fluoranthene	15.004	252	1300111	82.622	ng	# 94
90) Benzo(a)pyrene	15.368	252	611304	41.506	ng	# 92
91) Dibenzo(a,h)anthracene	16.921	278	99807	8.108	ng	# 89

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QLast Update : Wed Aug 02 02:20:34 2023
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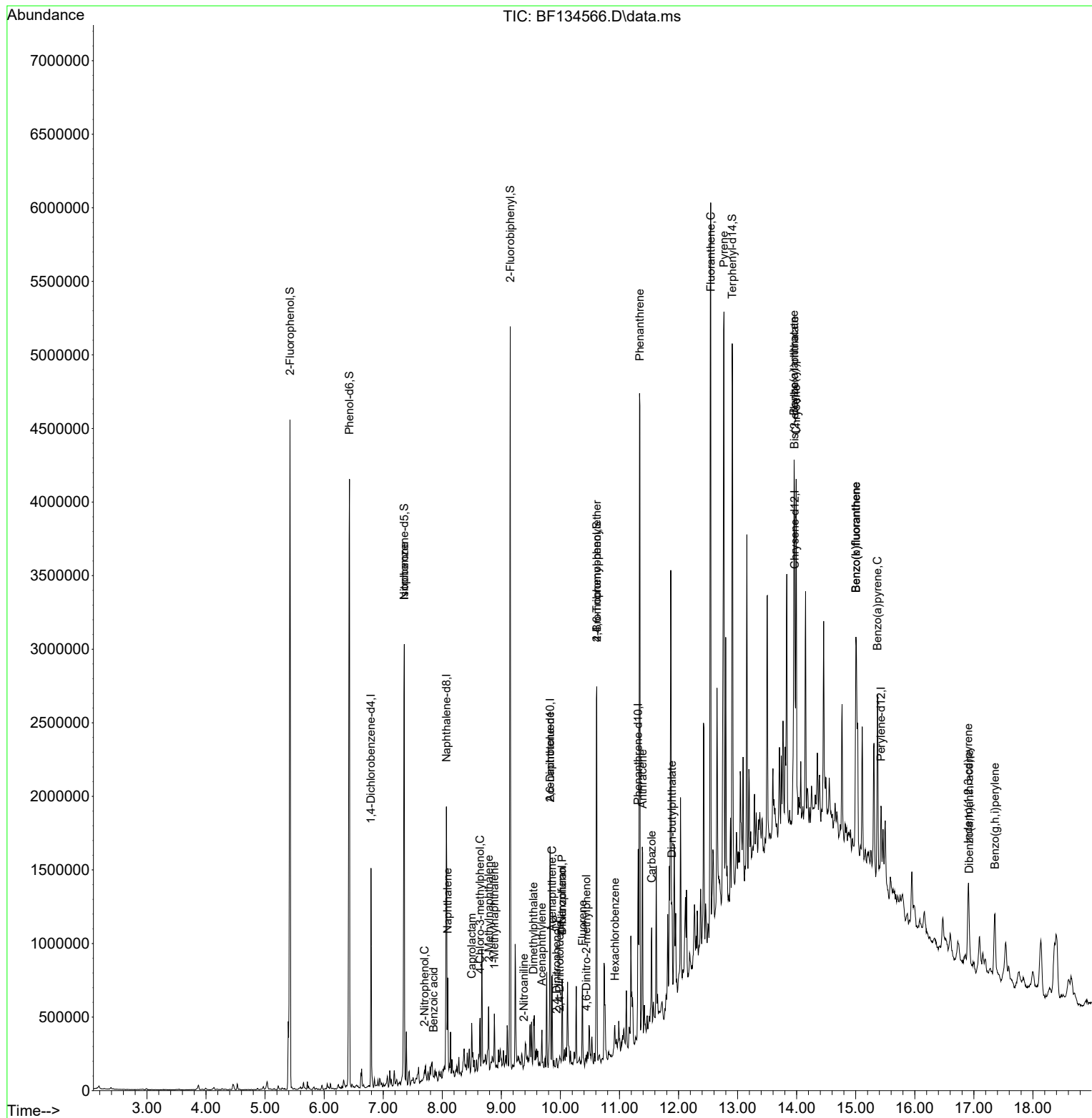
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) Benzo(g,h,i)perylene	17.357	276	387543	30.862	ng	# 93

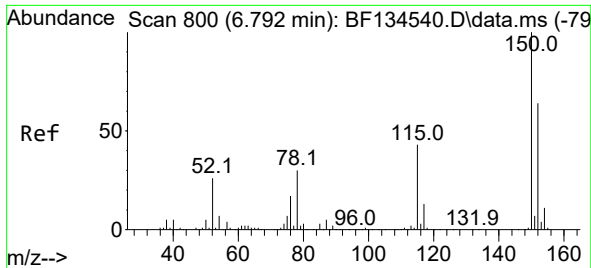
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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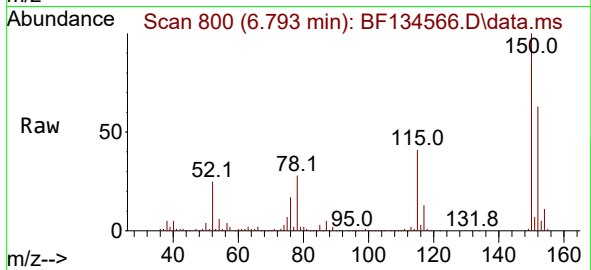
Quant Time: Aug 02 02:47:44 2023
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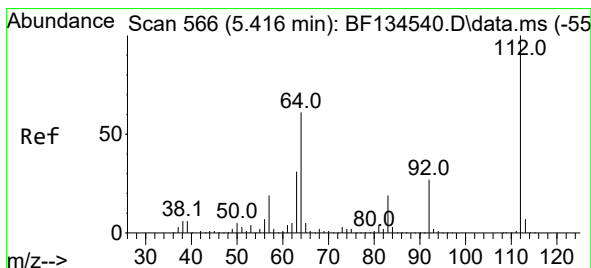
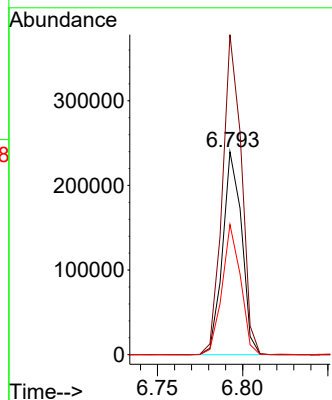
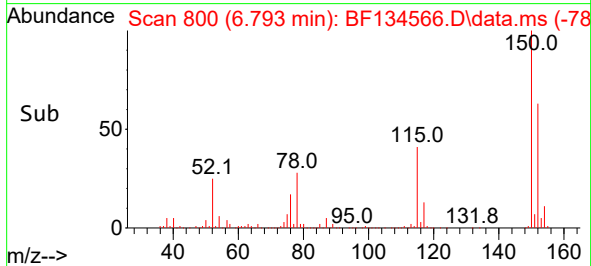


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.793 min Scan# 80
 Delta R.T. 0.001 min
 Lab File: BF134566.D
 Acq: 02 Aug 2023 00:41

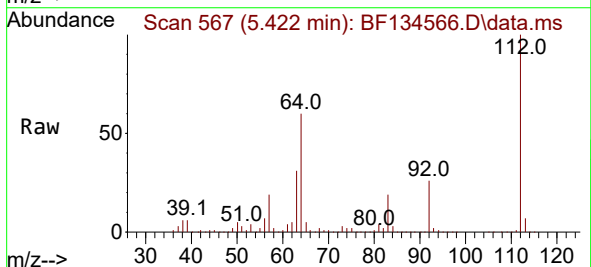
Instrument :
 BNA_F
 ClientSampleId :



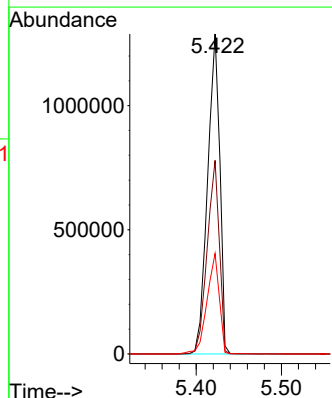
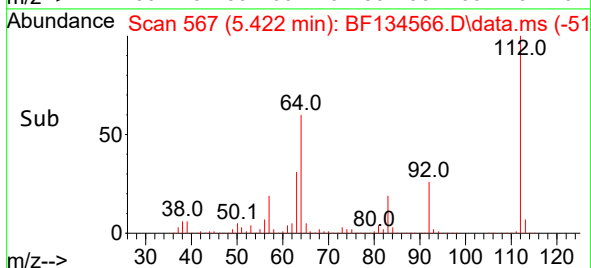
Tgt Ion:152 Resp: 186419
 Ion Ratio Lower Upper
 152 100
 150 157.7 128.3 192.5
 115 64.2 52.4 78.6

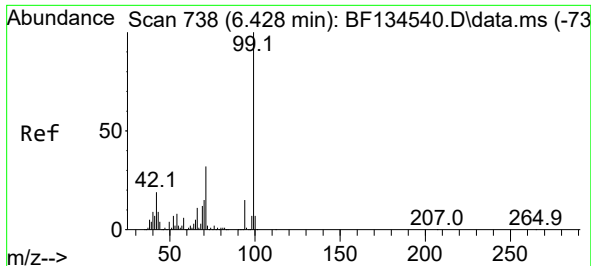


#5
 2-Fluorophenol
 Concen: 104.437 ng
 RT: 5.422 min Scan# 567
 Delta R.T. 0.006 min
 Lab File: BF134566.D
 Acq: 02 Aug 2023 00:41



Tgt Ion:112 Resp: 1280772
 Ion Ratio Lower Upper
 112 100
 64 60.5 44.9 67.3
 63 31.4 25.4 38.0



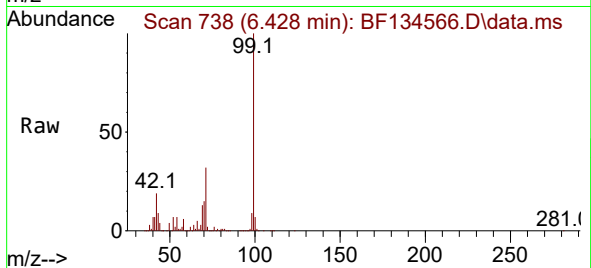


#7
Phenol-d6
Concen: 103.202 ng
RT: 6.428 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF134566.D
Acq: 02 Aug 2023 00:41

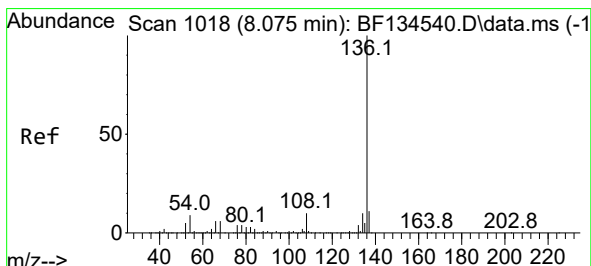
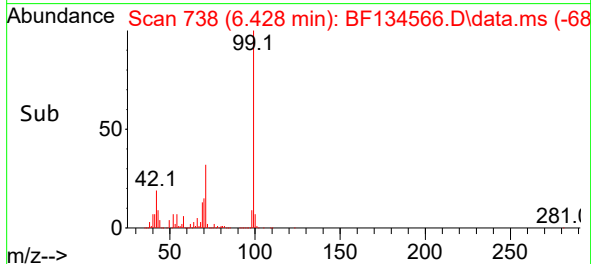
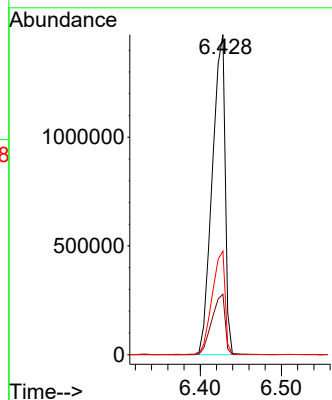
Instrument :

BNA_F

ClientSampleId :

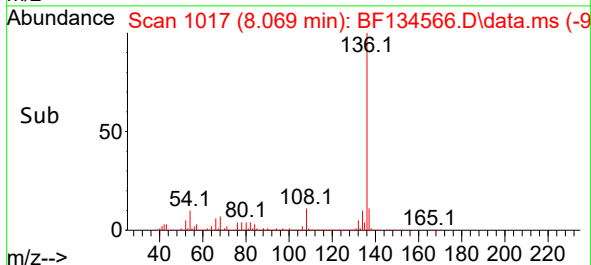
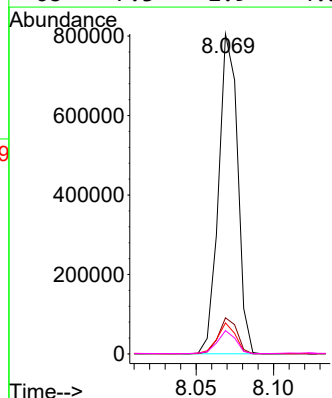
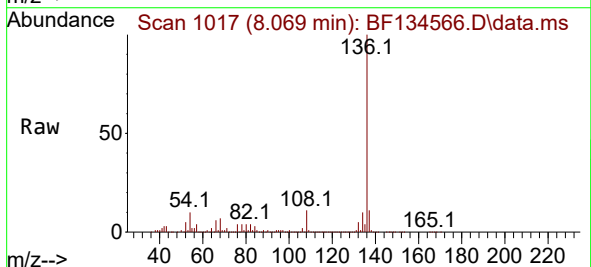


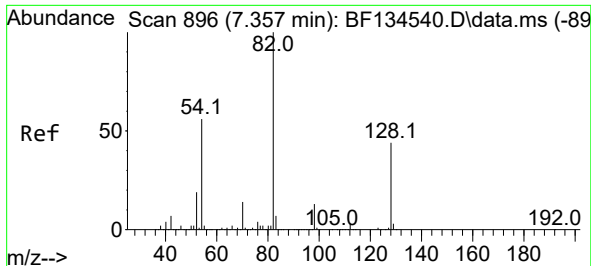
Tgt Ion: 99 Resp: 1617863
Ion Ratio Lower Upper
99 100
42 18.9 18.7 28.1
71 32.3 36.4 54.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF134566.D
Acq: 02 Aug 2023 00:41

Tgt Ion: 136 Resp: 688439
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 9.7 5.2 7.8#
68 7.3 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 87.360 ng

RT: 7.357 min Scan# 896

Delta R.T. 0.000 min

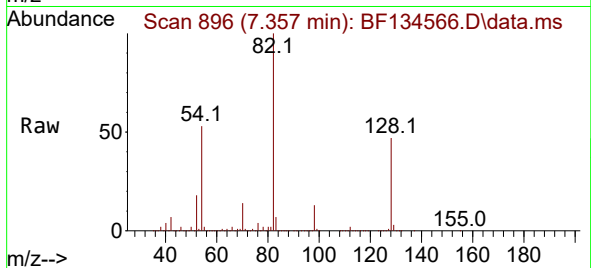
Lab File: BF134566.D

Acq: 02 Aug 2023 00:41

Instrument :

BNA_F

ClientSampleId :



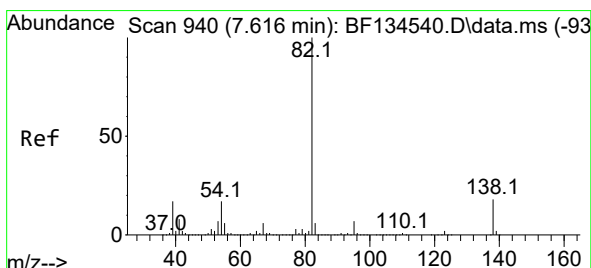
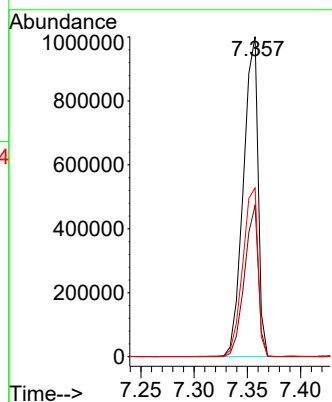
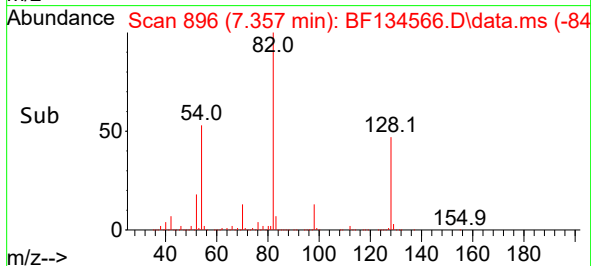
Tgt Ion: 82 Resp: 962386

Ion Ratio Lower Upper

82 100

128 47.3 34.3 51.5

54 52.8 43.8 65.6



#25

Isophorone

Concen: 39.980 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.259 min

Lab File: BF134566.D

Acq: 02 Aug 2023 00:41

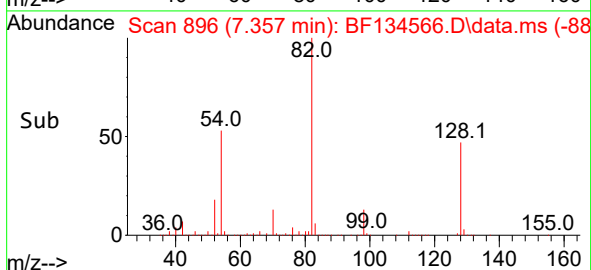
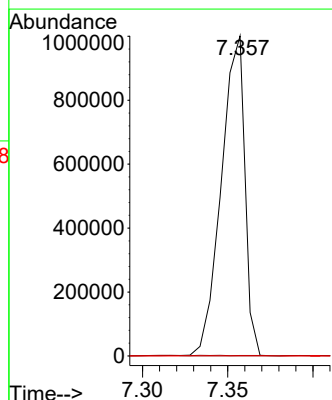
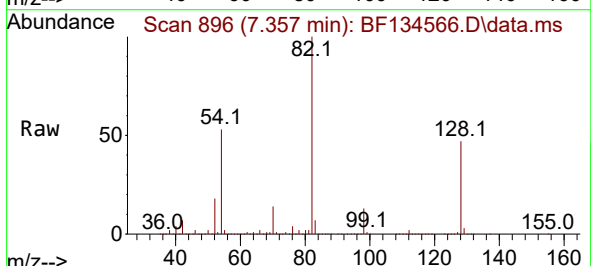
Tgt Ion: 82 Resp: 960637

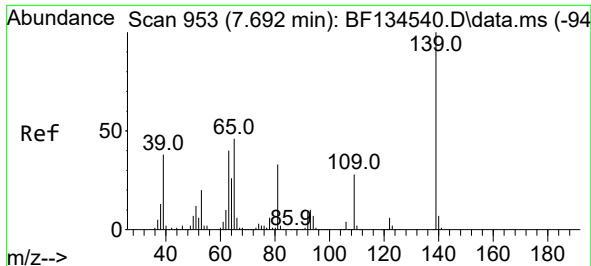
Ion Ratio Lower Upper

82 100

95 0.1 6.0 9.0#

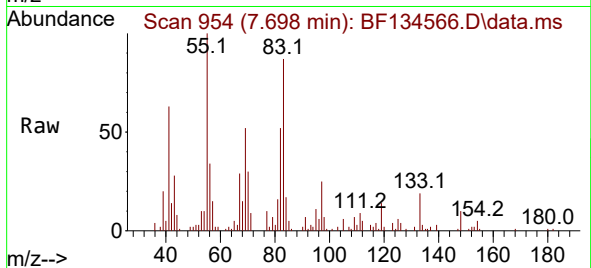
138 0.0 14.6 22.0#



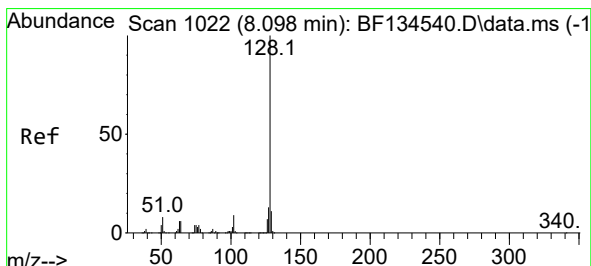
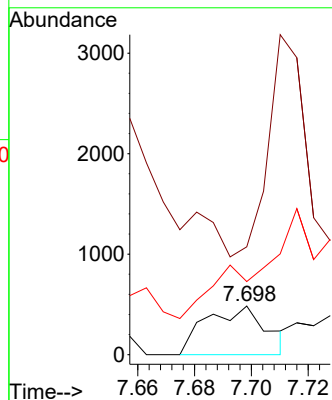
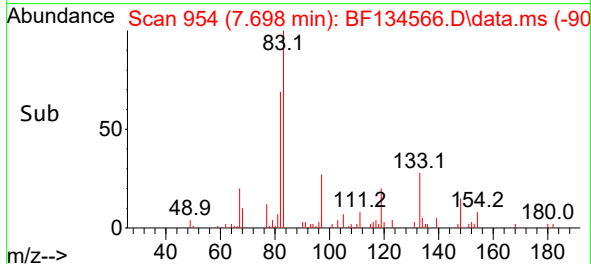


#26
2-Nitrophenol
Concen: 4.919 ng
RT: 7.698 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF134566.D
Acq: 02 Aug 2023 00:41

Instrument :
BNA_F
ClientSampleId :

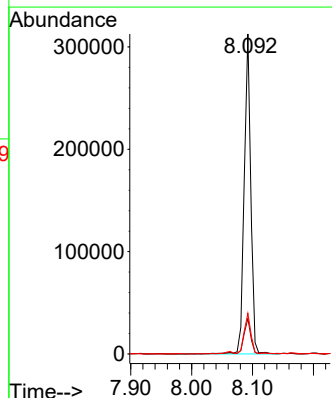
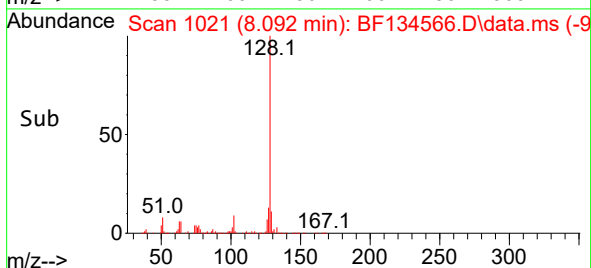
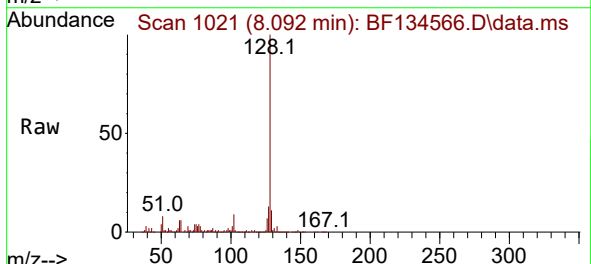


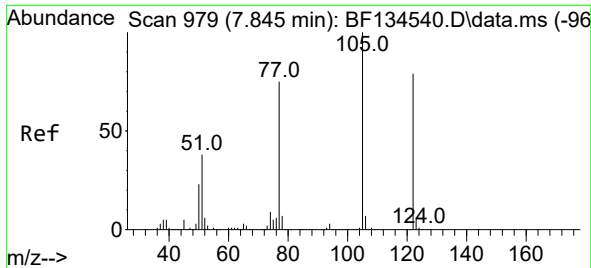
Tgt Ion:139 Resp: 712
Ion Ratio Lower Upper
139 100
109 221.7 29.8 44.6#
65 150.2 45.4 68.2#



#31
Naphthalene
Concen: 6.779 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF134566.D
Acq: 02 Aug 2023 00:41

Tgt Ion:128 Resp: 234550
Ion Ratio Lower Upper
128 100
129 11.1 8.4 12.6
127 12.7 10.7 16.1

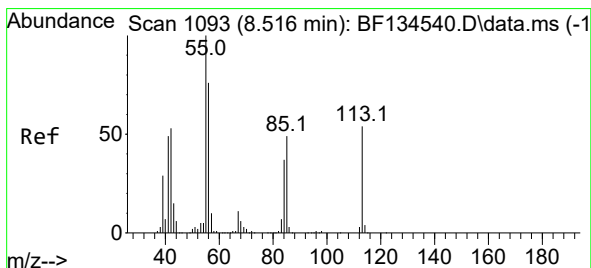
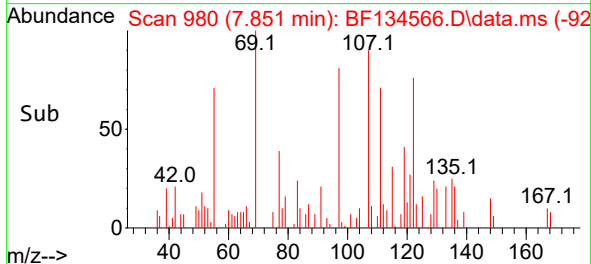
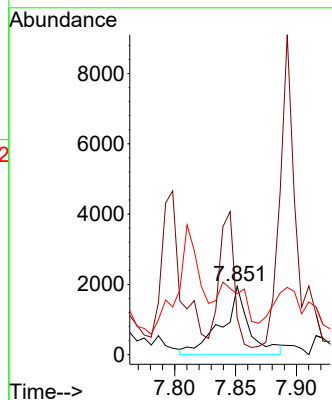
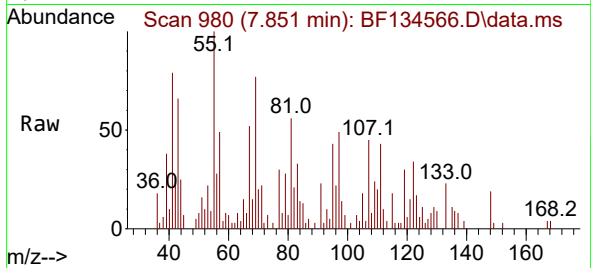




#32
Benzoic acid
Concen: 8.234 ng
RT: 7.851 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF134566.D
Acq: 02 Aug 2023 00:41

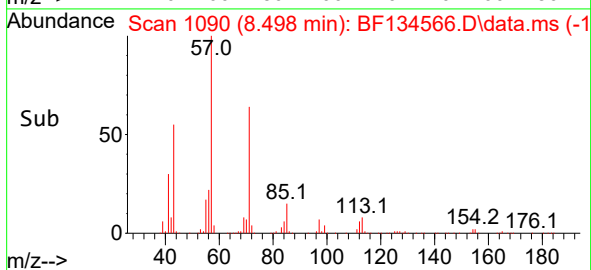
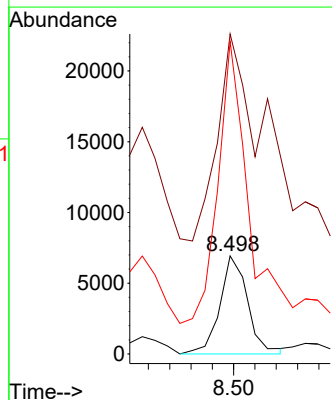
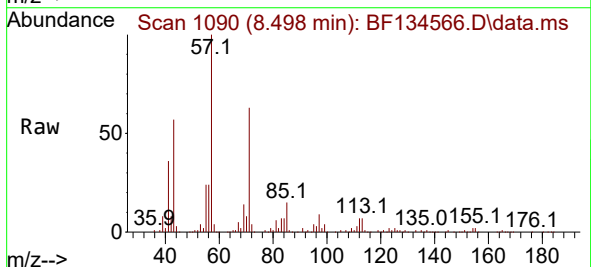
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ClientSampleId :

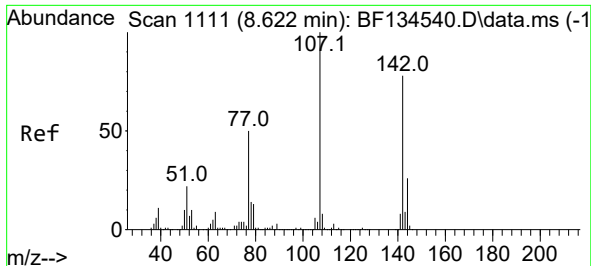
Tgt Ion:122 Resp: 3068
Ion Ratio Lower Upper
122 100
105 53.8 87.5 127.5#
77 88.9 71.4 111.4



#35
Caprolactam
Concen: 2.011 ng
RT: 8.498 min Scan# 1090
Delta R.T. -0.017 min
Lab File: BF134566.D
Acq: 02 Aug 2023 00:41

Tgt Ion:113 Resp: 6312
Ion Ratio Lower Upper
113 100
55 326.2 161.5 201.5#
56 318.5 117.8 157.8#

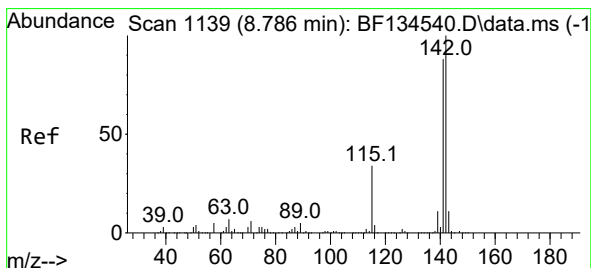
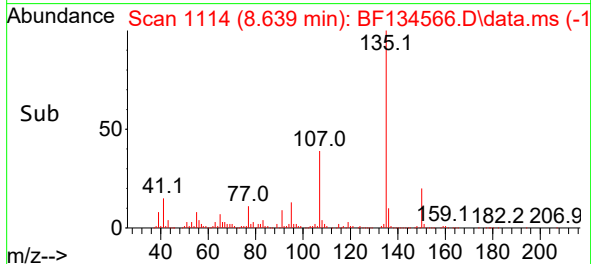
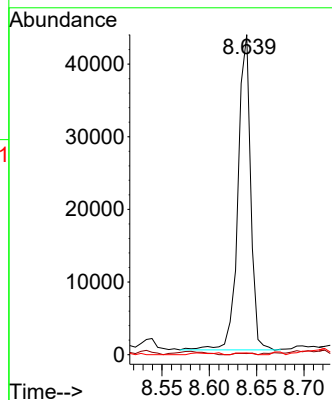
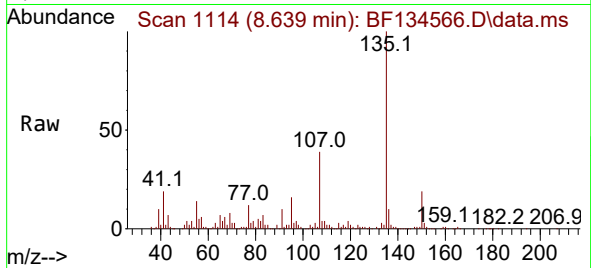




#36
4-Chloro-3-methylphenol
Concen: 3.911 ng
RT: 8.639 min Scan# 1114
Delta R.T. 0.018 min
Lab File: BF134566.D
Acq: 02 Aug 2023 00:41

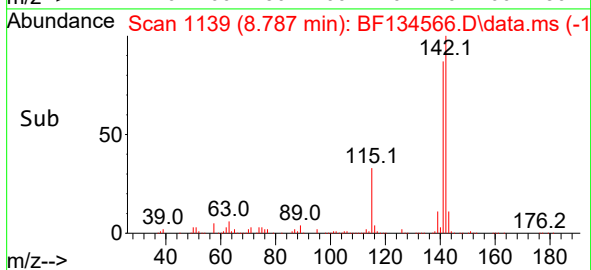
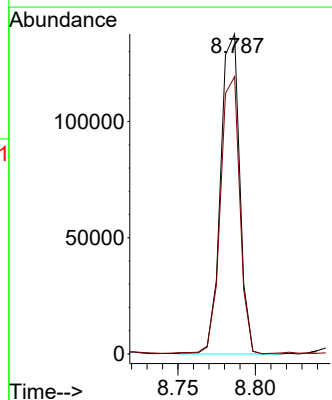
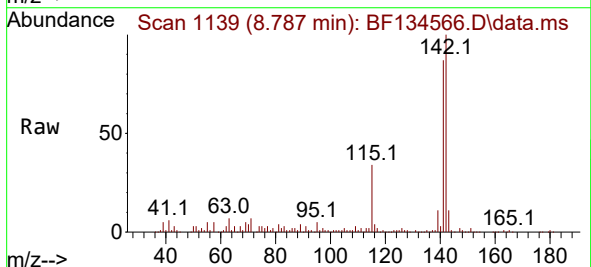
Instrument :
BNA_F
ClientSampleId :

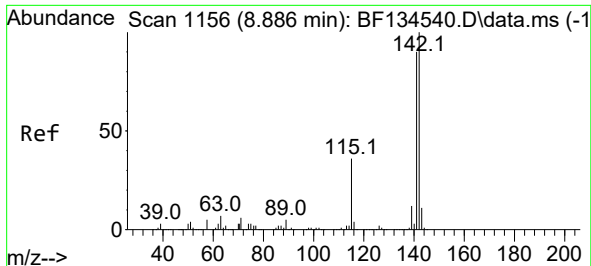
Tgt Ion:107 Resp: 40299
Ion Ratio Lower Upper
107 100
144 0.3 19.6 29.4#
142 0.5 57.7 86.5#



#37
2-Methylnaphthalene
Concen: 5.130 ng
RT: 8.787 min Scan# 1139
Delta R.T. 0.000 min
Lab File: BF134566.D
Acq: 02 Aug 2023 00:41

Tgt Ion:142 Resp: 117658
Ion Ratio Lower Upper
142 100
141 86.7 70.8 106.2





#38

1-Methylnaphthalene

Concen: 3.807 ng

RT: 8.881 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BF134566.D

Acq: 02 Aug 2023 00:41

Instrument :

BNA_F

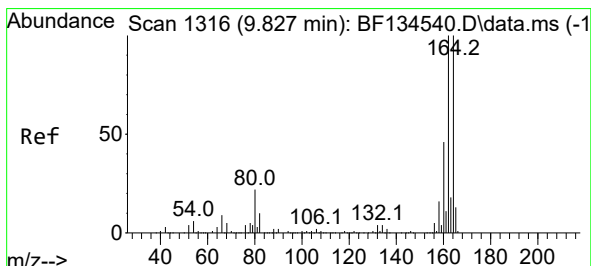
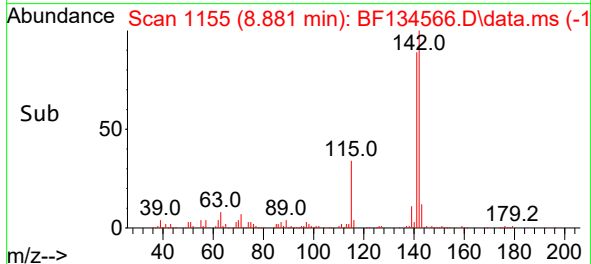
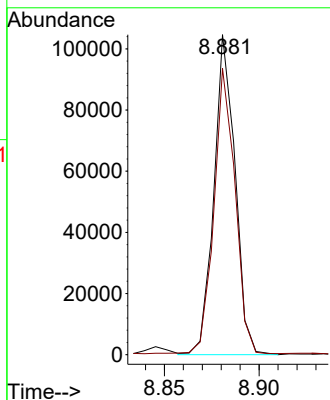
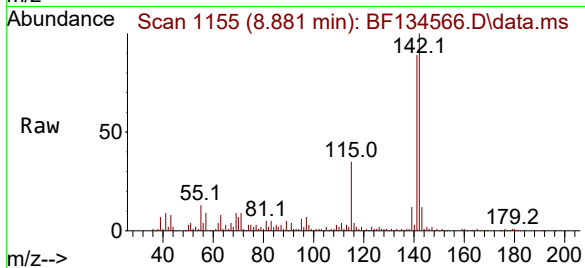
ClientSampleId :

Tgt Ion:142 Resp: 81194

Ion Ratio Lower Upper

142 100

141 89.5 71.4 107.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1316

Delta R.T. 0.000 min

Lab File: BF134566.D

Acq: 02 Aug 2023 00:41

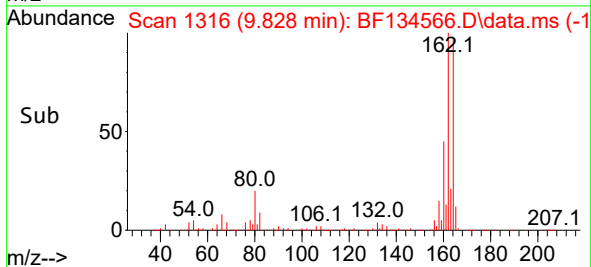
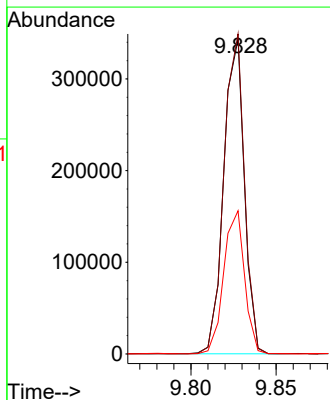
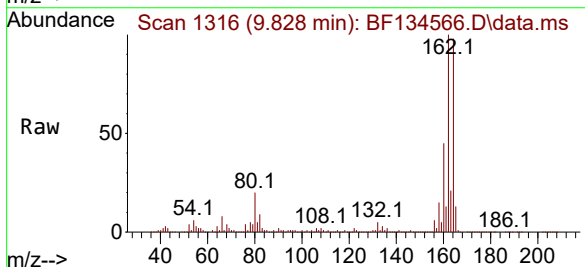
Tgt Ion:164 Resp: 288810

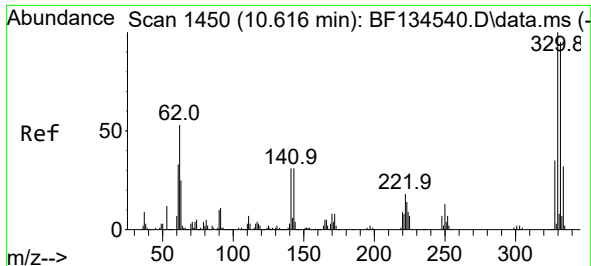
Ion Ratio Lower Upper

164 100

162 101.7 82.6 123.8

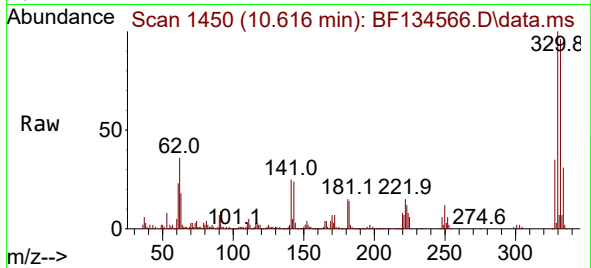
160 45.5 37.2 55.8



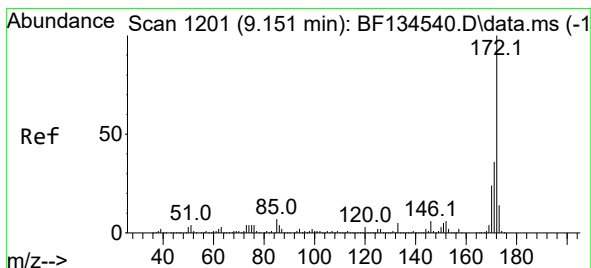
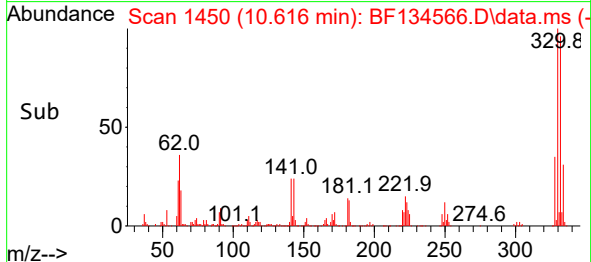
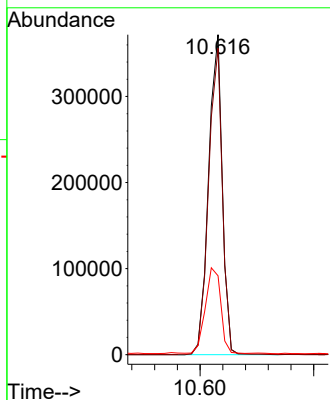


#42
2,4,6-Tribromophenol
Concen: 105.581 ng
RT: 10.616 min Scan# 1450
Delta R.T. 0.000 min
Lab File: BF134566.D
Acq: 02 Aug 2023 00:41

Instrument :
BNA_F
ClientSampleId :

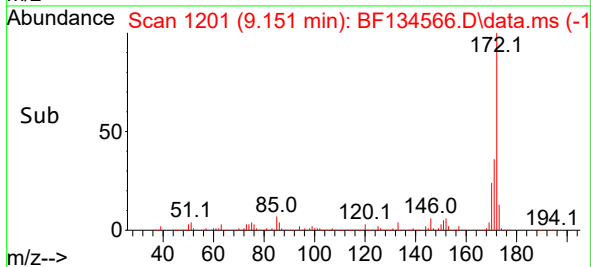
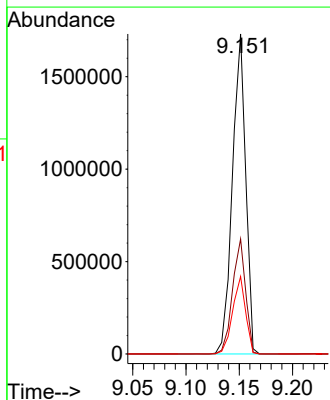
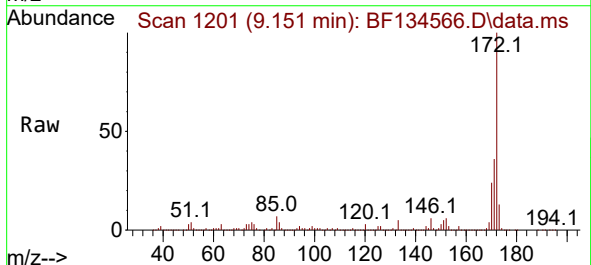


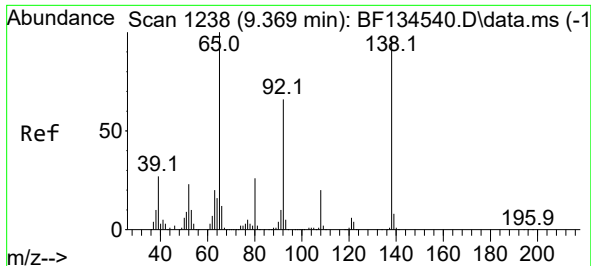
Tgt Ion:330 Resp: 310847
Ion Ratio Lower Upper
330 100
332 96.4 78.8 118.2
141 30.0 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 86.577 ng
RT: 9.151 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BF134566.D
Acq: 02 Aug 2023 00:41

Tgt Ion:172 Resp: 1503838
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 24.2 18.7 28.1

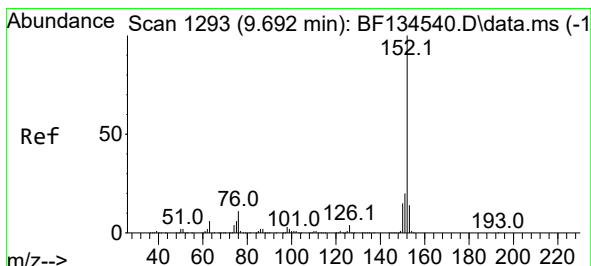
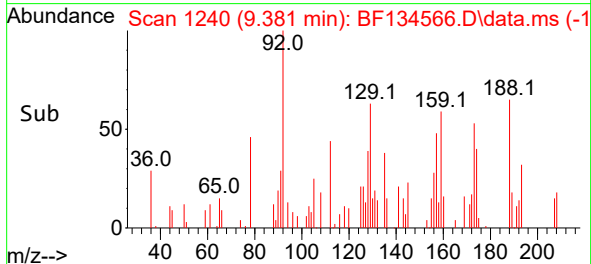
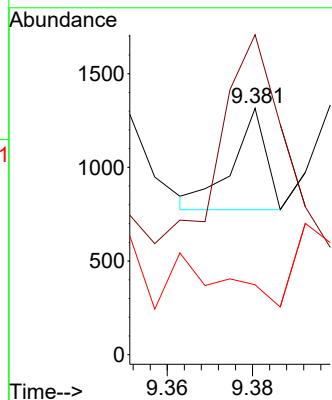
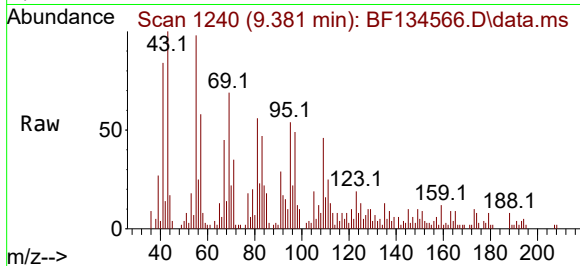




#48
2-Nitroaniline
Concen: 3.218 ng
RT: 9.381 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF134566.D
Acq: 02 Aug 2023 00:41

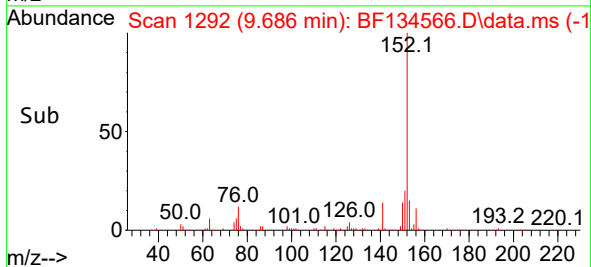
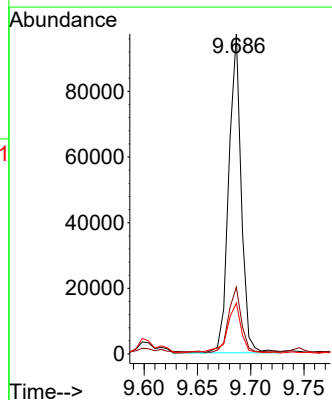
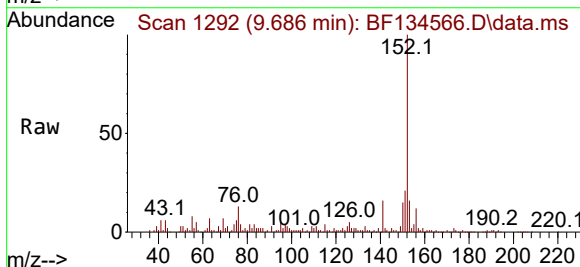
Instrument :
BNA_F
ClientSampleId :

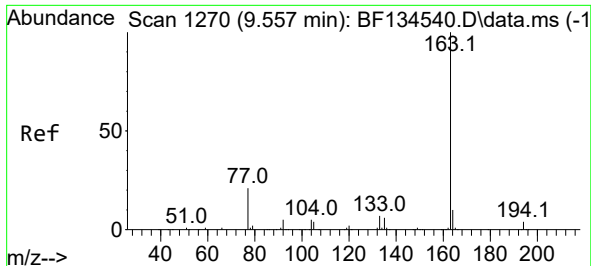
Tgt Ion: 65 Resp: 294
Ion Ratio Lower Upper
65 100
92 129.9 50.7 76.1#
138 28.4 78.2 117.4#



#49
Acenaphthylene
Concen: 2.979 ng
RT: 9.686 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF134566.D
Acq: 02 Aug 2023 00:41

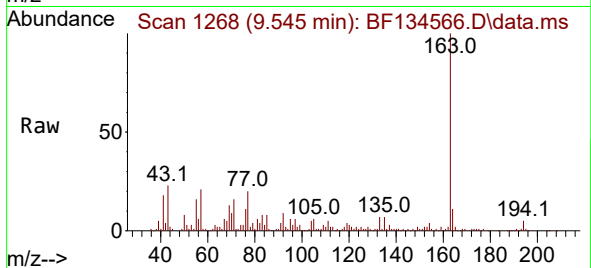
Tgt Ion: 152 Resp: 78802
Ion Ratio Lower Upper
152 100
151 20.8 16.4 24.6
153 15.9 10.9 16.3



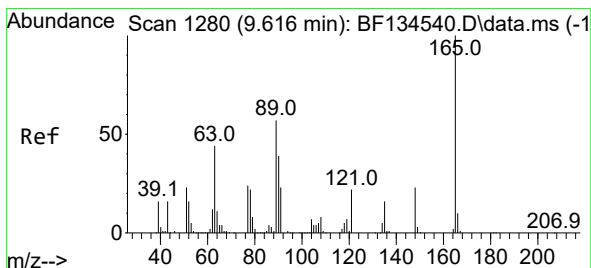
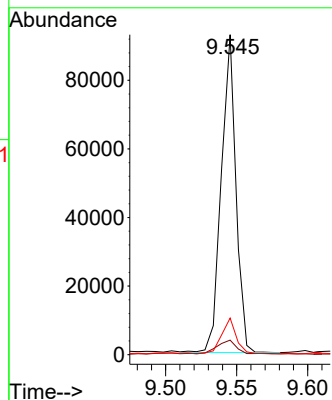
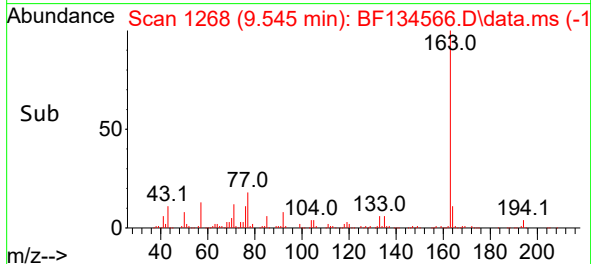


#50
Dimethylphthalate
Concen: 3.372 ng
RT: 9.545 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF134566.D
Acq: 02 Aug 2023 00:41

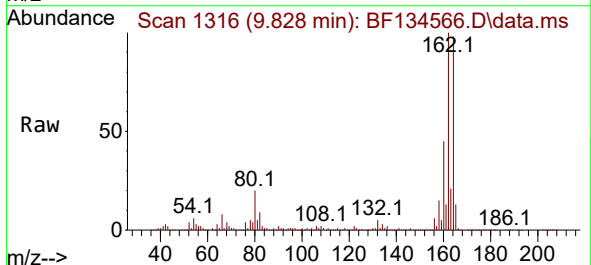
Instrument :
BNA_F
ClientSampleId :



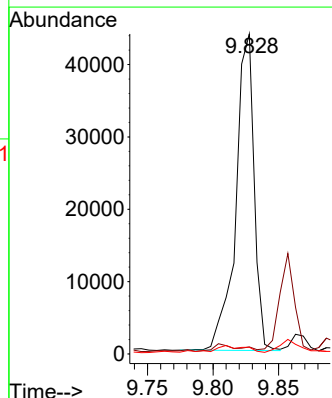
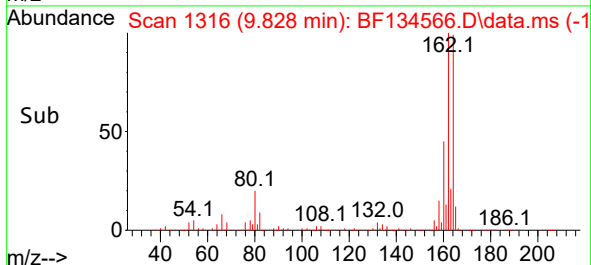
Tgt Ion:163 Resp: 66371
Ion Ratio Lower Upper
163 100
194 4.5 3.3 4.9
164 11.4 7.5 11.3#

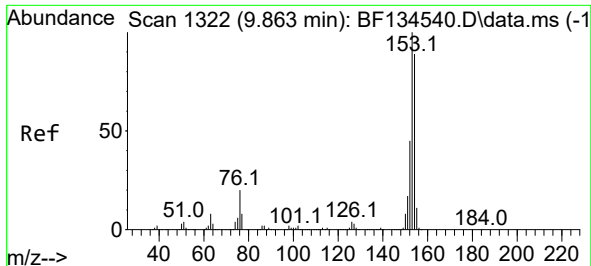


#51
2,6-Dinitrotoluene
Concen: 12.527 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.212 min
Lab File: BF134566.D
Acq: 02 Aug 2023 00:41



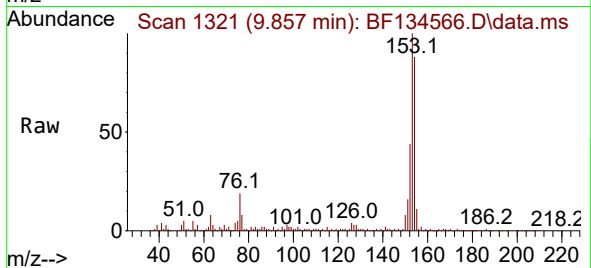
Tgt Ion:165 Resp: 42677
Ion Ratio Lower Upper
165 100
63 2.2 57.8 86.6#
89 2.1 51.8 77.8#



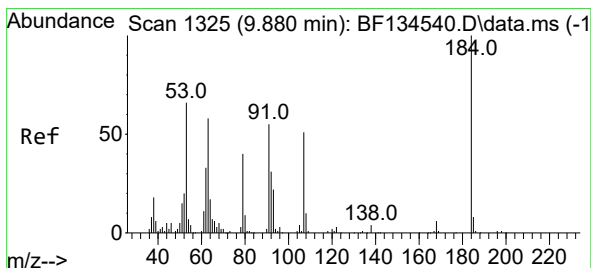
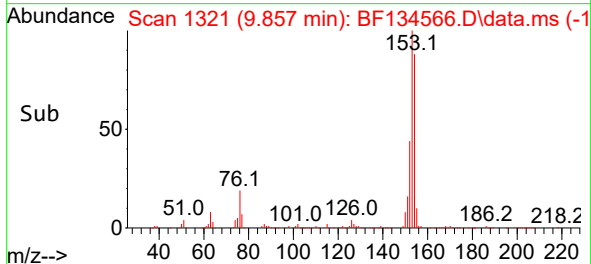
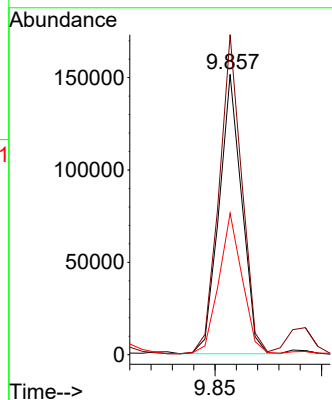


#52
Acenaphthene
Concen: 6.541 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134566.D
Acq: 02 Aug 2023 00:41

Instrument :
BNA_F
ClientSampleId :

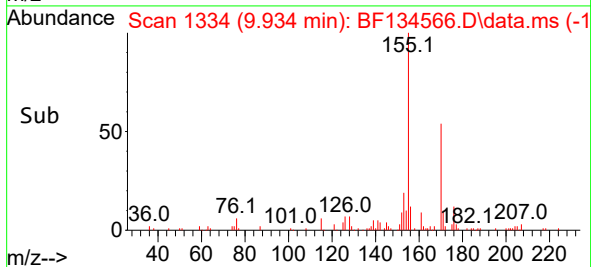
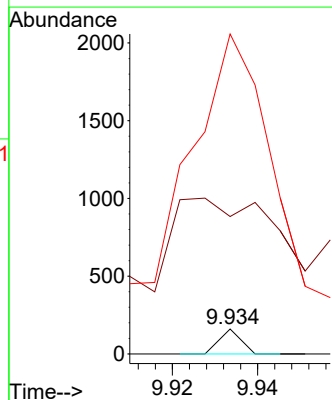
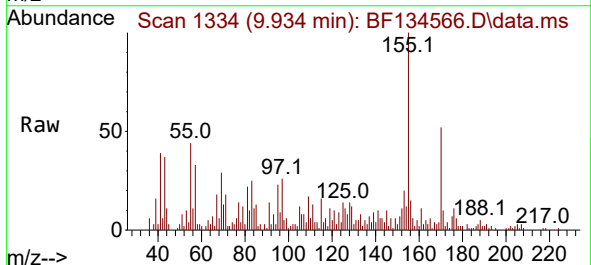


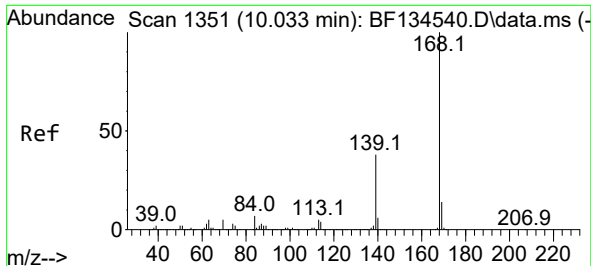
Tgt Ion:154 Resp: 112125
Ion Ratio Lower Upper
154 100
153 114.1 90.0 135.0
152 50.4 42.4 63.6



#54
2,4-Dinitrophenol
Concen: 6.827 ng
RT: 9.934 min Scan# 1334
Delta R.T. 0.054 min
Lab File: BF134566.D
Acq: 02 Aug 2023 00:41

Tgt Ion:184 Resp: 56
Ion Ratio Lower Upper
184 100
63 552.5 57.1 85.7#
154 1286.3 59.1 88.7#

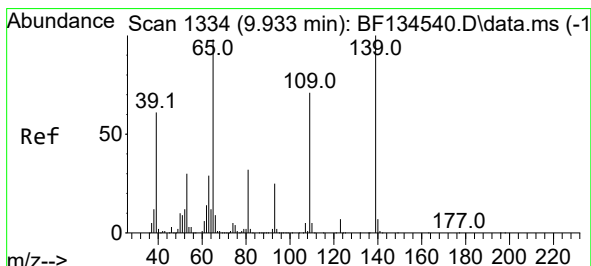
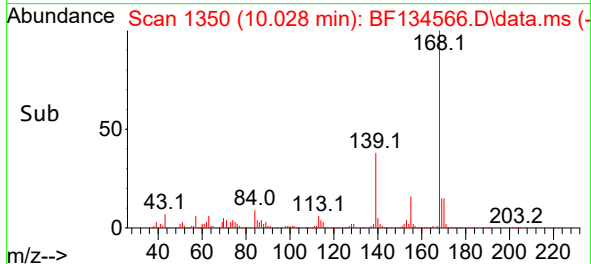
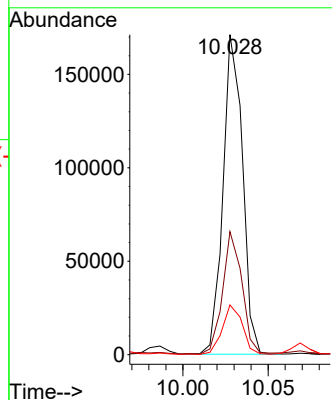
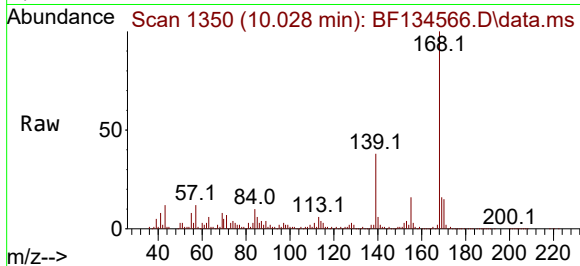




#55
Dibenzenofuran
Concen: 5.564 ng
RT: 10.028 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF134566.D
Acq: 02 Aug 2023 00:41

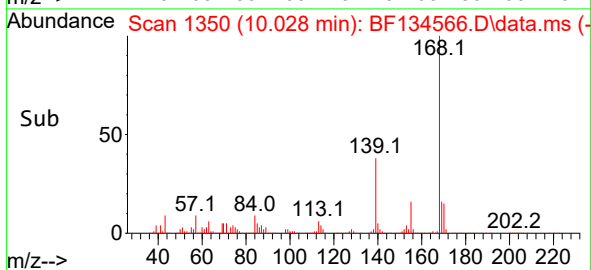
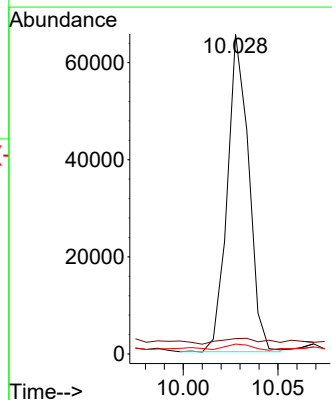
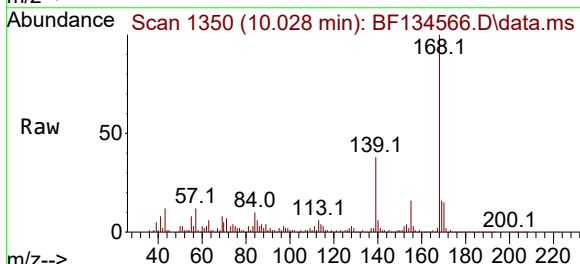
Instrument :
BNA_F
ClientSampleId :

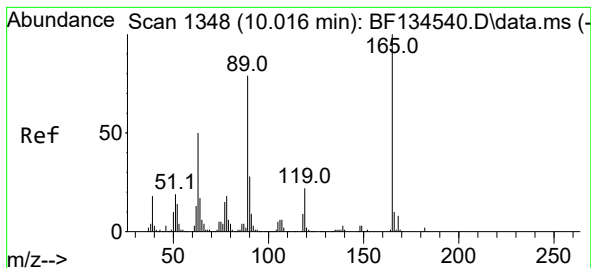
Tgt Ion:168 Resp: 135784
Ion Ratio Lower Upper
168 100
139 38.5 33.4 50.2
169 15.5 10.6 15.8



#56
4-Nitrophenol
Concen: 14.323 ng
RT: 10.028 min Scan# 1350
Delta R.T. 0.095 min
Lab File: BF134566.D
Acq: 02 Aug 2023 00:41

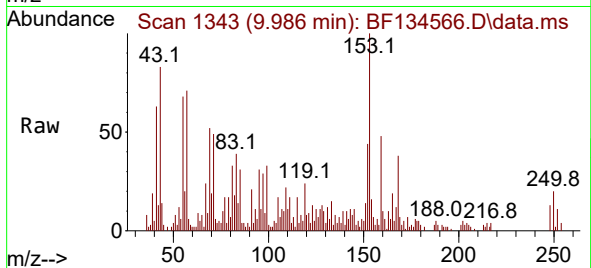
Tgt Ion:139 Resp: 51396
Ion Ratio Lower Upper
139 100
109 4.8 76.9 116.9#
65 3.1 98.5 138.5#



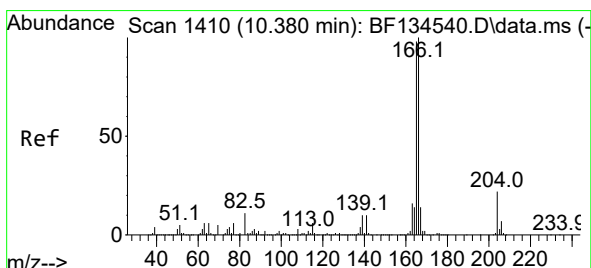
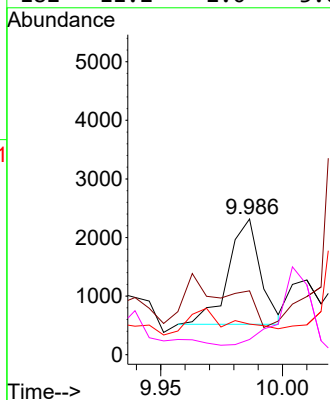
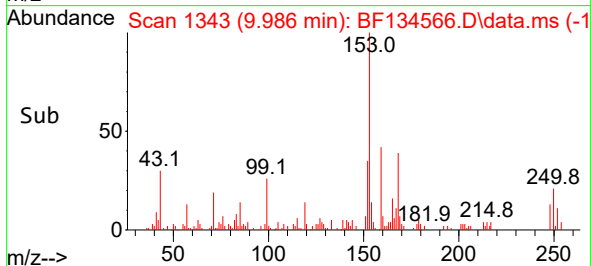


#57
2,4-Dinitrotoluene
Concen: 3.168 ng
RT: 9.986 min Scan# 11
Delta R.T. -0.030 min
Lab File: BF134566.D
Acq: 02 Aug 2023 00:41

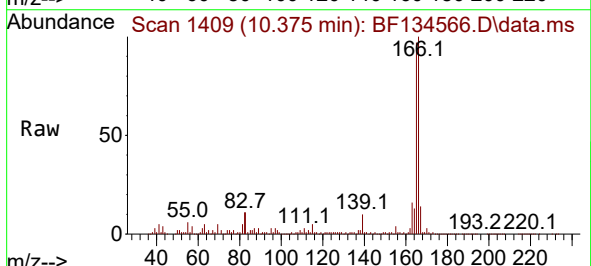
Instrument :
BNA_F
ClientSampleId :



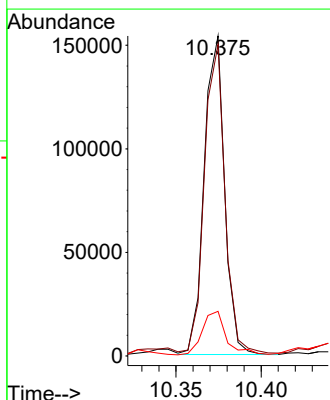
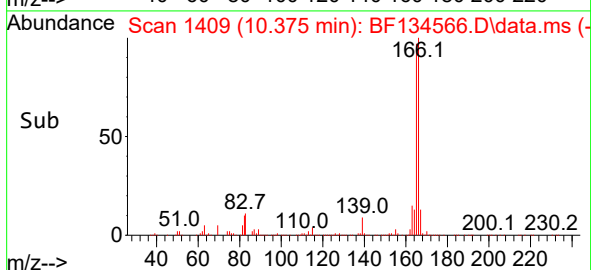
Tgt Ion:165 Resp: 1641
Ion Ratio Lower Upper
165 100
63 47.1 48.9 73.3#
89 22.5 61.7 92.5#
182 11.2 2.0 3.0#

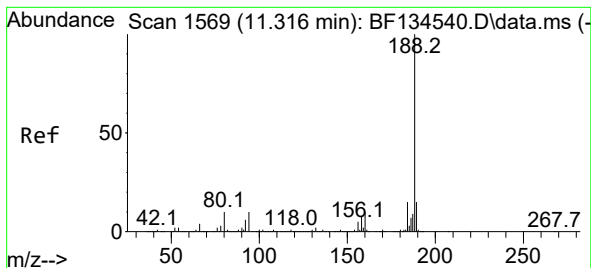


#58
Fluorene
Concen: 7.209 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.005 min
Lab File: BF134566.D
Acq: 02 Aug 2023 00:41



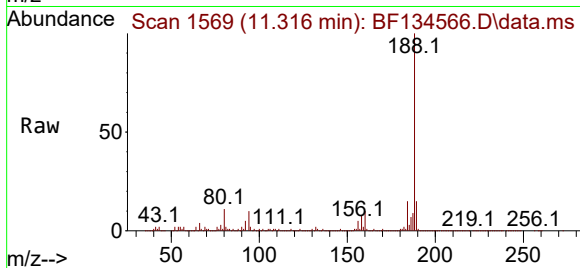
Tgt Ion:166 Resp: 128141
Ion Ratio Lower Upper
166 100
165 97.3 74.5 111.7
167 14.0 10.6 16.0



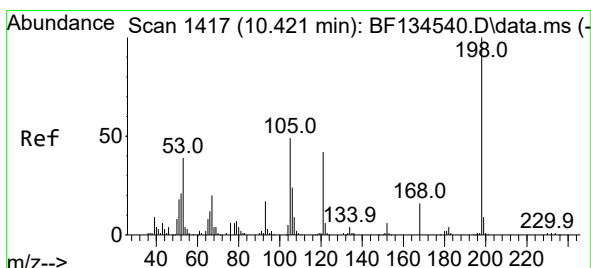
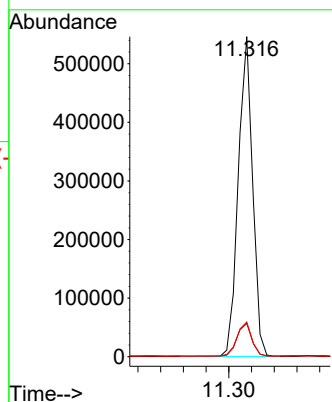
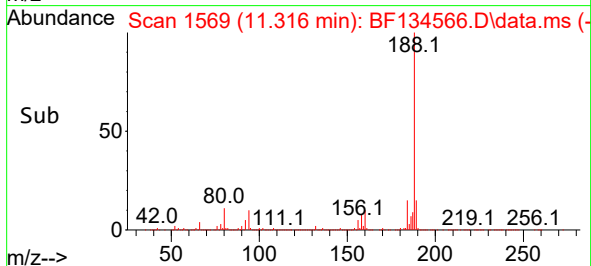


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134566.D
Acq: 02 Aug 2023 00:41

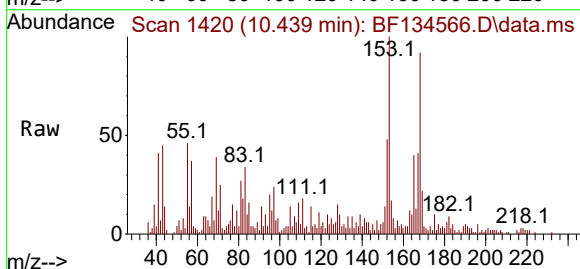
Instrument :
BNA_F
ClientSampleId :



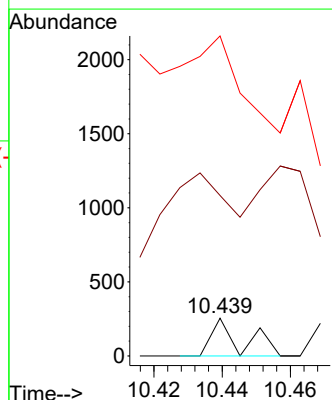
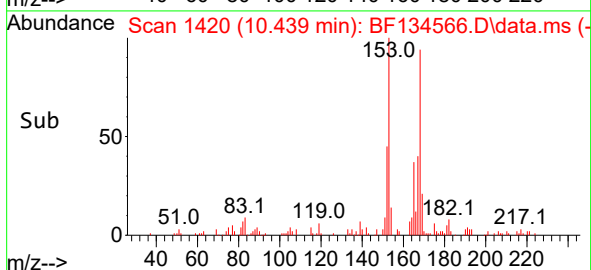
Tgt Ion:188 Resp: 477851
Ion Ratio Lower Upper
188 100
94 10.4 5.1 7.7#
80 10.9 6.6 9.8#

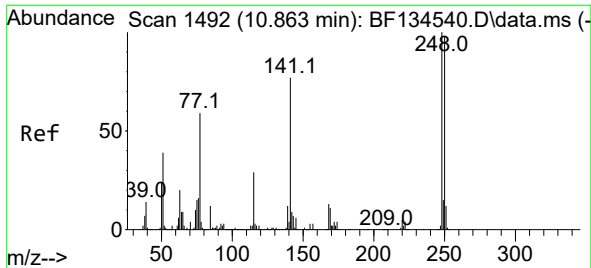


#65
4,6-Dinitro-2-methylphenol
Concen: 8.765 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.018 min
Lab File: BF134566.D
Acq: 02 Aug 2023 00:41



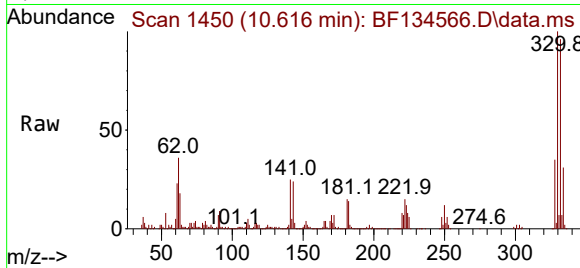
Tgt Ion:198 Resp: 157
Ion Ratio Lower Upper
198 100
51 424.7 38.6 78.6#
105 847.1 27.9 67.9#



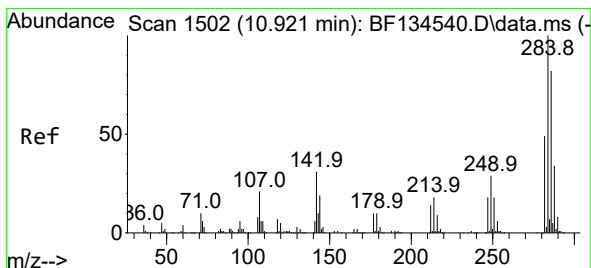
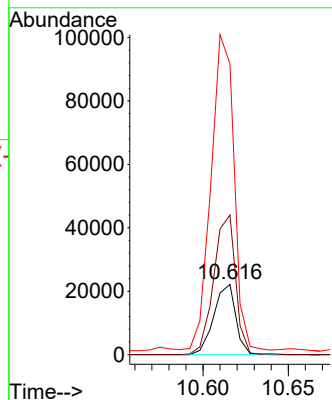
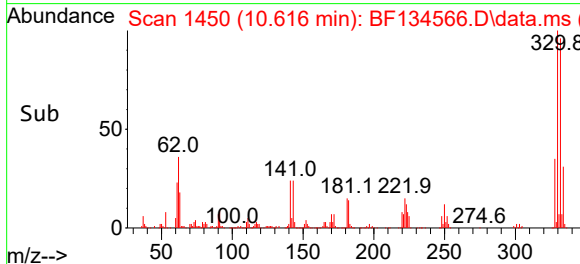


#67
4-Bromophenyl-phenylether
Concen: 3.799 ng
RT: 10.616 min Scan# 1492
Delta R.T. -0.247 min
Lab File: BF134566.D
Acq: 02 Aug 2023 00:41

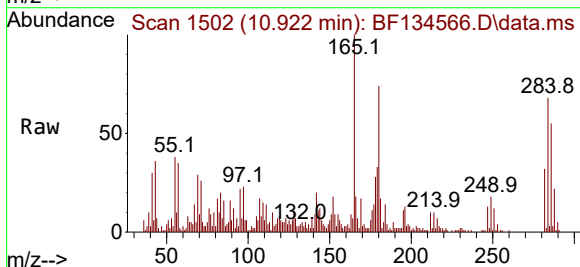
Instrument :
BNA_F
ClientSampleId :



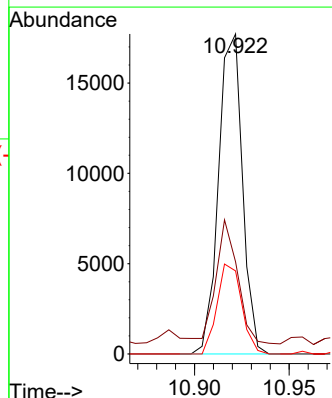
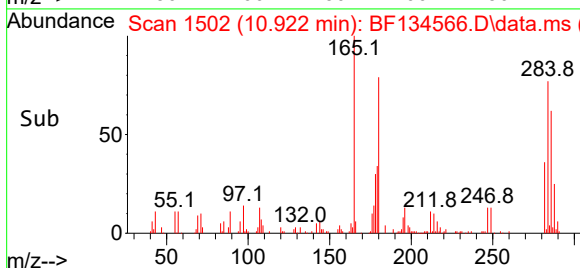
Tgt Ion:248 Resp: 19875
Ion Ratio Lower Upper
248 100
250 198.7 79.6 119.4#
141 413.6 59.6 89.4#

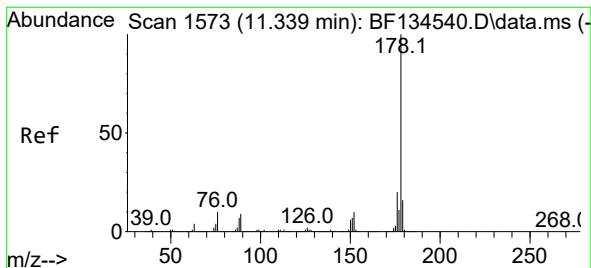


#68
Hexachlorobenzene
Concen: 2.816 ng
RT: 10.922 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF134566.D
Acq: 02 Aug 2023 00:41



Tgt Ion:284 Resp: 15556
Ion Ratio Lower Upper
284 100
142 28.8 26.5 39.7
249 26.0 23.8 35.8





#71

Phenanthrene

Concen: 72.004 ng

RT: 11.345 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF134566.D

Acq: 02 Aug 2023 00:41

Instrument :

BNA_F

ClientSampleId :

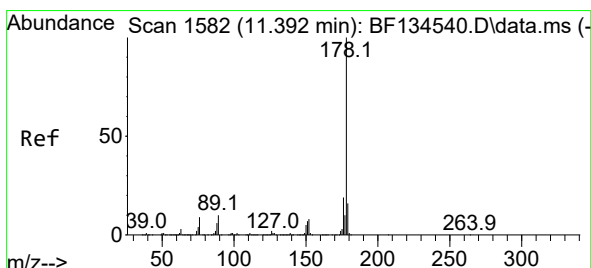
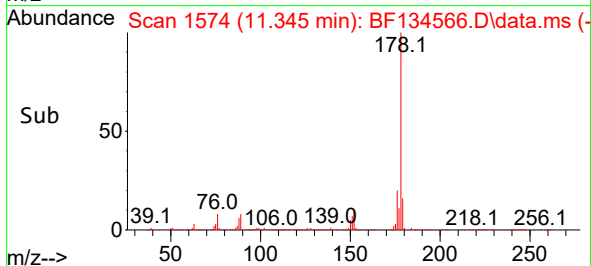
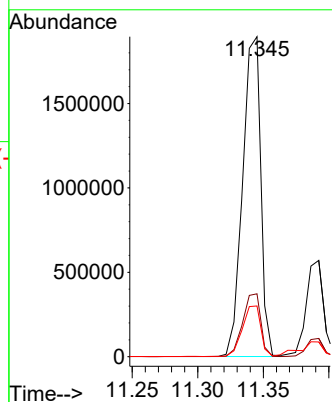
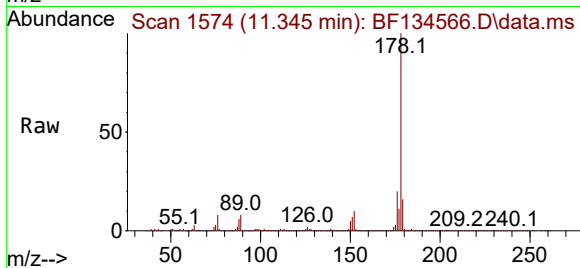
Tgt Ion:178 Resp: 1827561

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.6

179 15.8 12.7 19.1



#72

Anthracene

Concen: 19.682 ng

RT: 11.392 min Scan# 1582

Delta R.T. 0.000 min

Lab File: BF134566.D

Acq: 02 Aug 2023 00:41

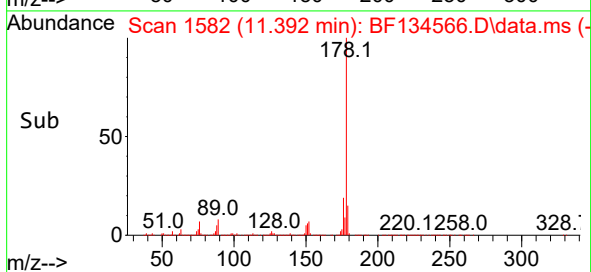
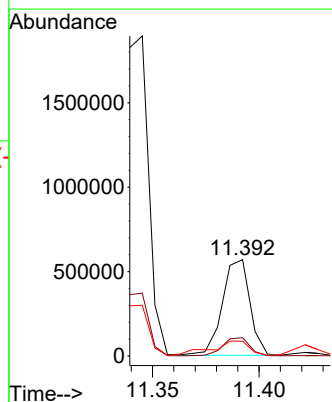
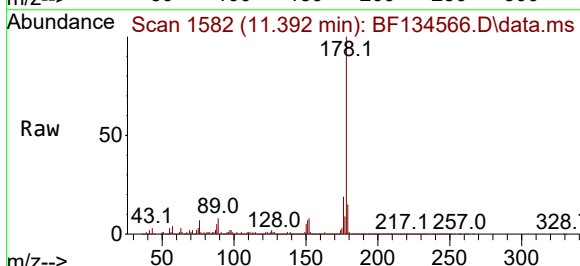
Tgt Ion:178 Resp: 510272

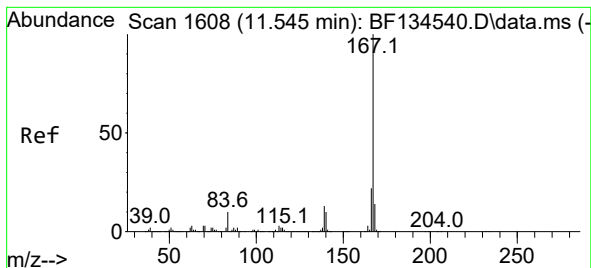
Ion Ratio Lower Upper

178 100

176 18.9 14.6 21.8

179 15.3 12.3 18.5





#73

Carbazole

Concen: 10.684 ng

RT: 11.545 min Scan# 1

Delta R.T. 0.000 min

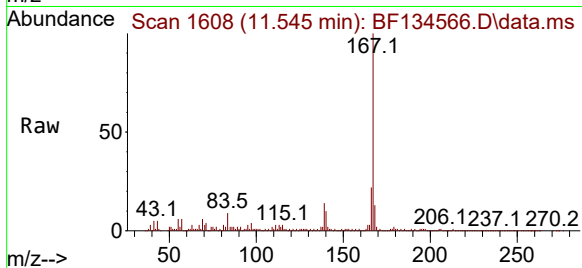
Lab File: BF134566.D

Acq: 02 Aug 2023 00:41

Instrument :

BNA_F

ClientSampleId :



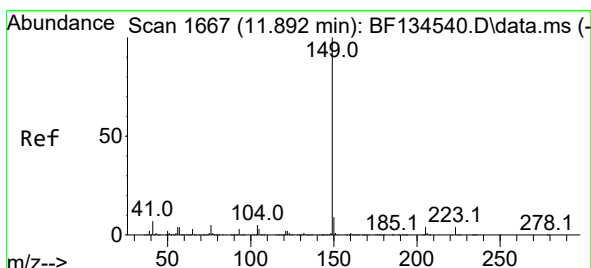
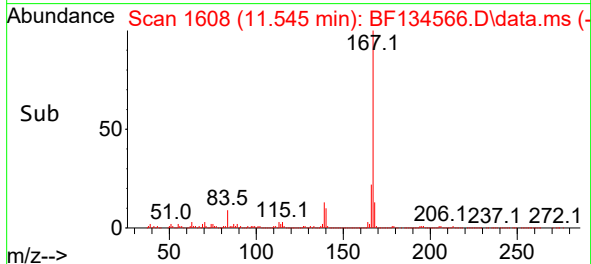
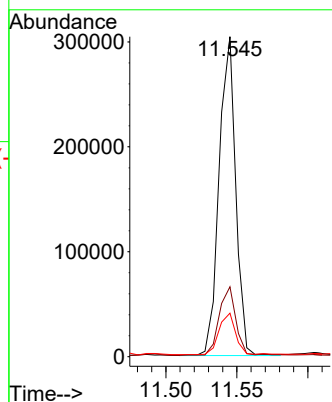
Tgt Ion:167 Resp: 247328

Ion Ratio Lower Upper

167 100

166 21.9 17.5 26.3

139 13.6 11.0 16.4



#74

Di-n-butylphthalate

Concen: 3.072 ng

RT: 11.886 min Scan# 1666

Delta R.T. -0.006 min

Lab File: BF134566.D

Acq: 02 Aug 2023 00:41

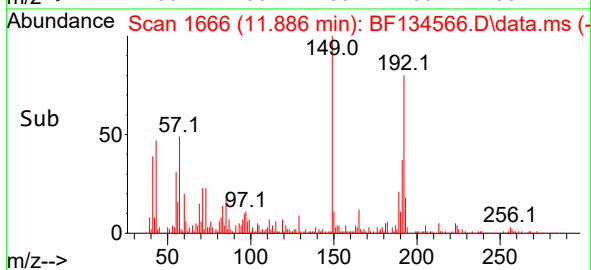
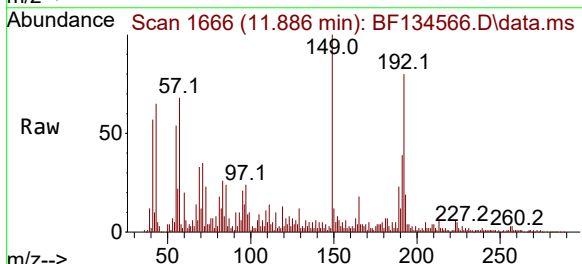
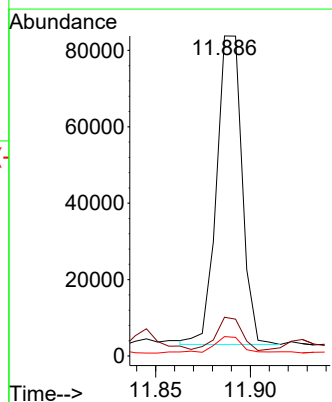
Tgt Ion:149 Resp: 75540

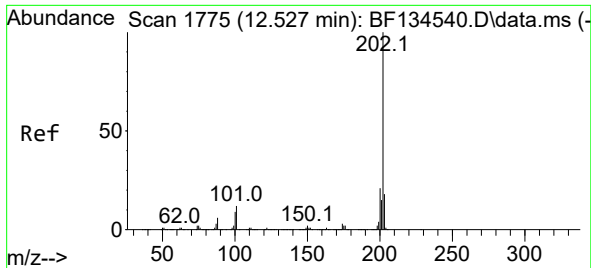
Ion Ratio Lower Upper

149 100

150 12.1 7.2 10.8#

104 6.1 3.8 5.8#

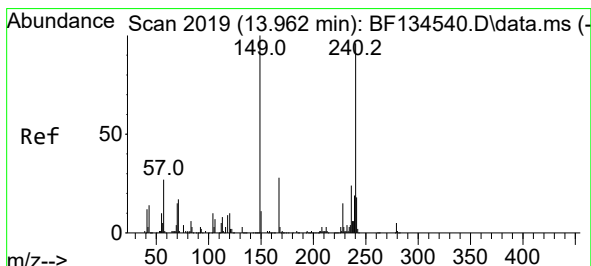
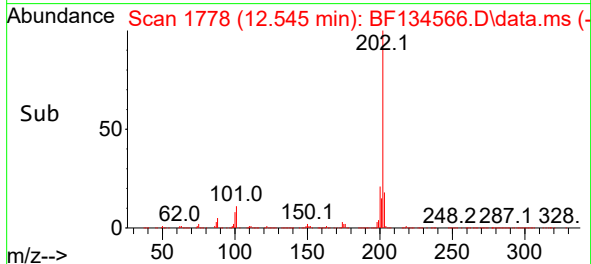
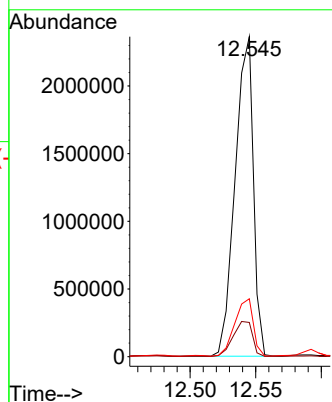
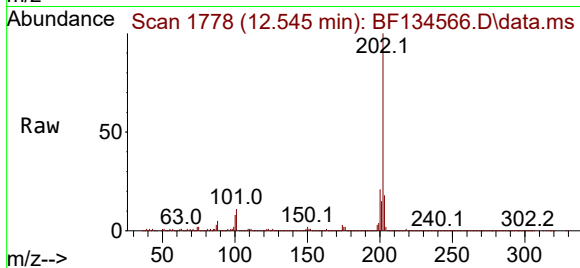




#75
Fluoranthene
Concen: 85.443 ng
RT: 12.545 min Scan# 11
Delta R.T. 0.018 min
Lab File: BF134566.D
Acq: 02 Aug 2023 00:41

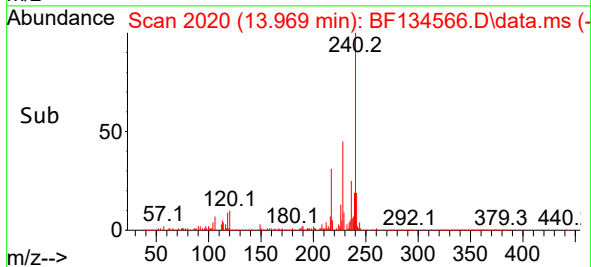
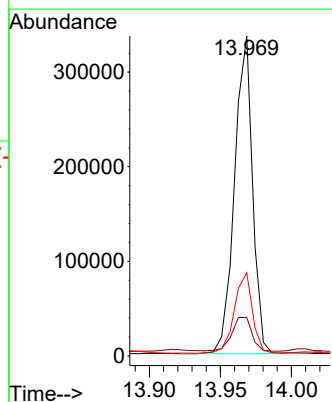
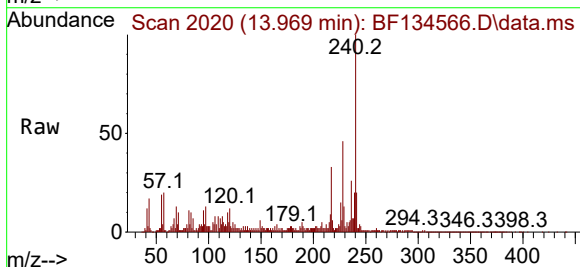
Instrument :
BNA_F
ClientSampleId :

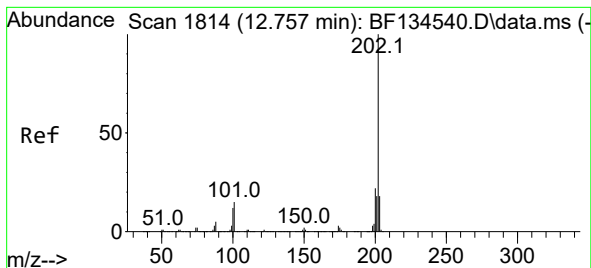
Tgt Ion:202 Resp: 2290804
Ion Ratio Lower Upper
202 100
101 10.7 0.0 28.5
203 18.1 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BF134566.D
Acq: 02 Aug 2023 00:41

Tgt Ion:240 Resp: 297316
Ion Ratio Lower Upper
240 100
120 12.0 6.6 10.0#
236 26.0 20.2 30.2





#78

Pyrene

Concen: 78.131 ng

RT: 12.769 min Scan# 1816

Delta R.T. 0.012 min

Lab File: BF134566.D

Acq: 02 Aug 2023 00:41

Instrument :

BNA_F

ClientSampleId :

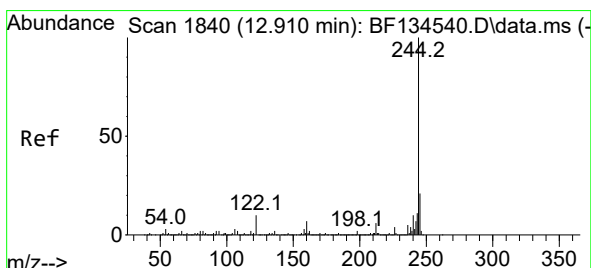
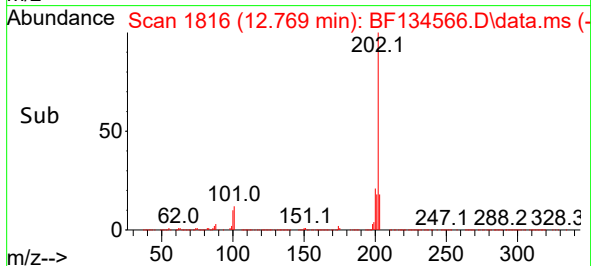
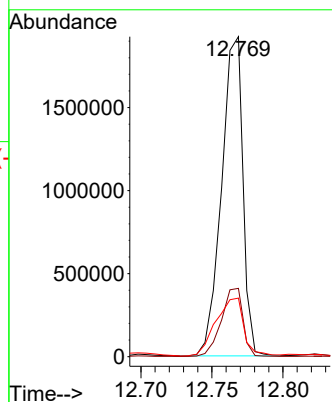
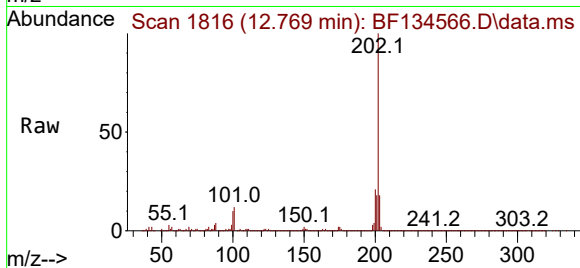
Tgt Ion:202 Resp: 2010084

Ion Ratio Lower Upper

202 100

200 21.4 15.8 23.8

203 18.3 13.5 20.3



#79

Terphenyl-d14

Concen: 86.461 ng

RT: 12.910 min Scan# 1840

Delta R.T. 0.000 min

Lab File: BF134566.D

Acq: 02 Aug 2023 00:41

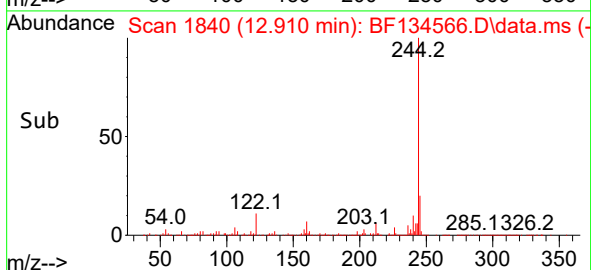
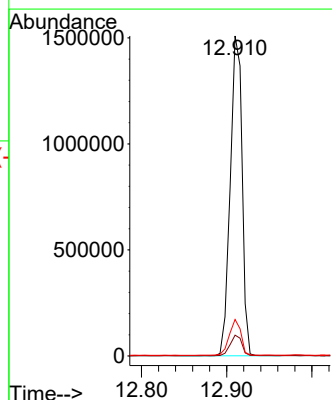
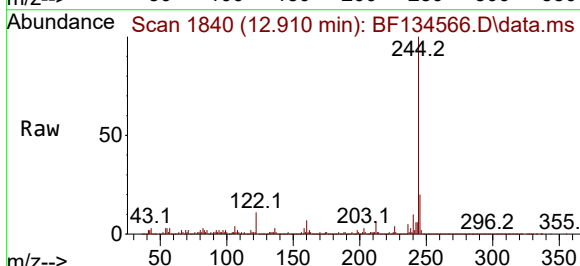
Tgt Ion:244 Resp: 1458203

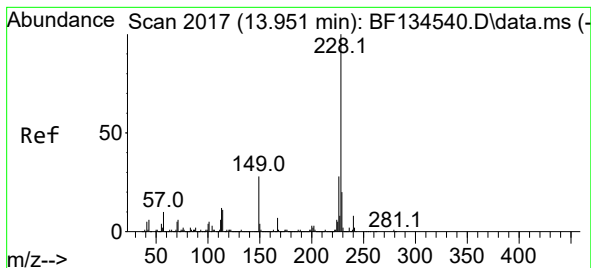
Ion Ratio Lower Upper

244 100

212 6.5 5.6 8.4

122 11.4 8.0 12.0





#81

Benzo(a)anthracene

Concen: 45.357 ng

RT: 13.957 min Scan# 2017

Delta R.T. 0.006 min

Lab File: BF134566.D

Acq: 02 Aug 2023 00:41

Instrument :

BNA_F

ClientSampleId :

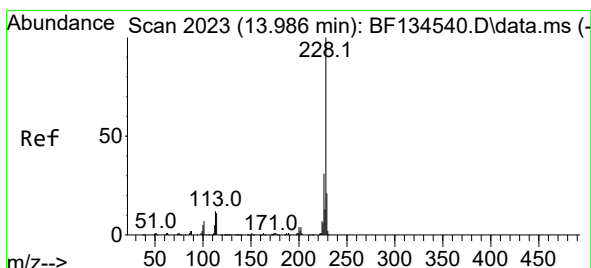
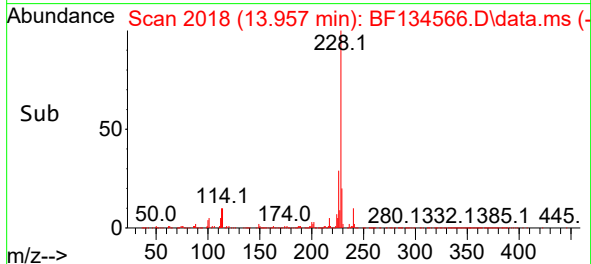
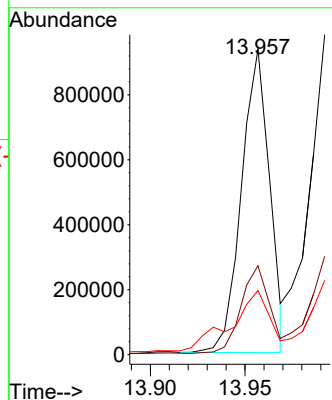
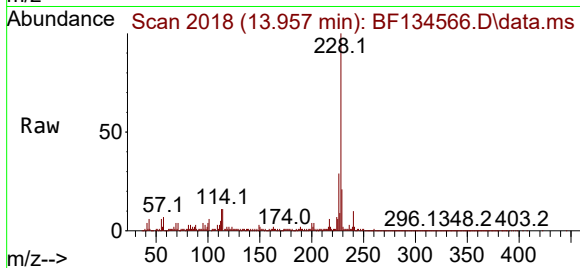
Tgt Ion:228 Resp: 964259

Ion Ratio Lower Upper

228 100

226 29.1 22.3 33.5

229 21.0 15.8 23.6



#83

Chrysene

Concen: 44.265 ng

RT: 13.992 min Scan# 2024

Delta R.T. 0.006 min

Lab File: BF134566.D

Acq: 02 Aug 2023 00:41

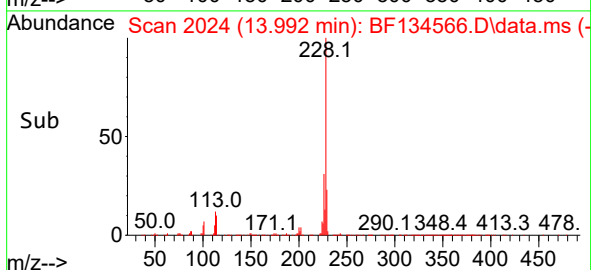
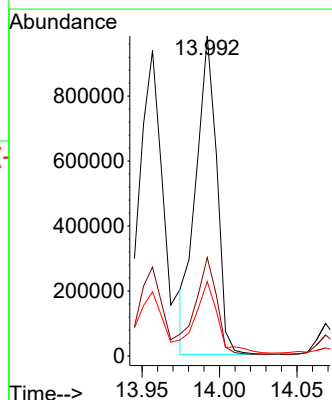
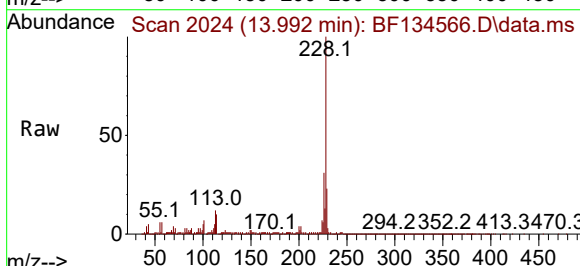
Tgt Ion:228 Resp: 916830

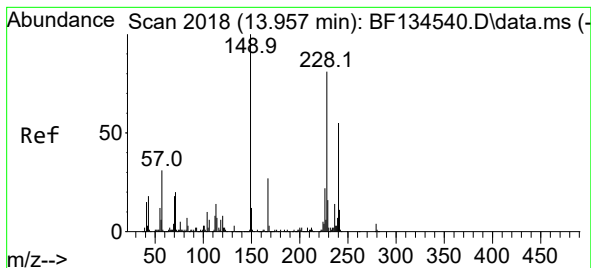
Ion Ratio Lower Upper

228 100

226 30.8 24.5 36.7

229 23.2 15.8 23.8





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.245 ng

RT: 13.963 min Scan# 2018

Delta R.T. 0.006 min

Lab File: BF134566.D

Acq: 02 Aug 2023 00:41

Instrument :

BNA_F

ClientSampleId :

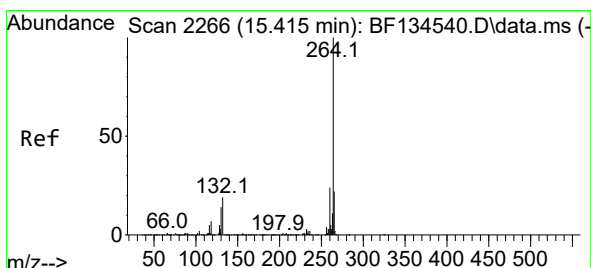
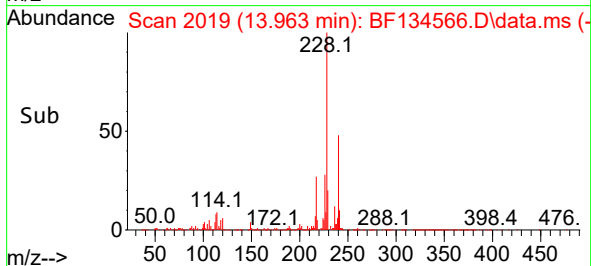
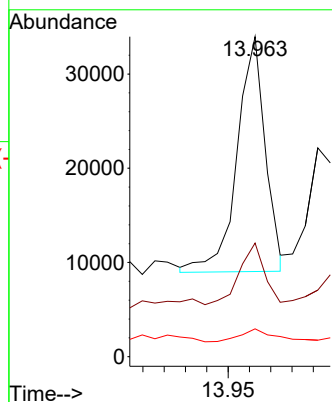
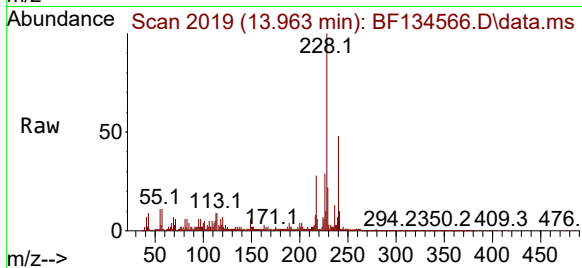
Tgt Ion:149 Resp: 22988

Ion Ratio Lower Upper

149 100

167 35.5 21.6 32.4#

279 8.7 3.5 5.3#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.427 min Scan# 2268

Delta R.T. 0.012 min

Lab File: BF134566.D

Acq: 02 Aug 2023 00:41

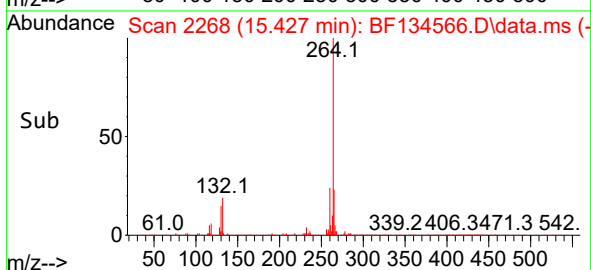
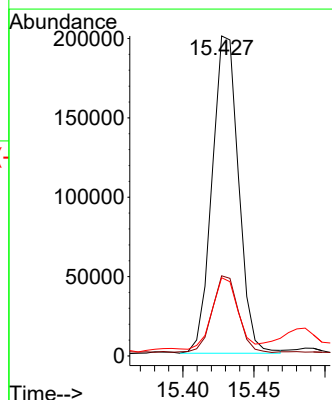
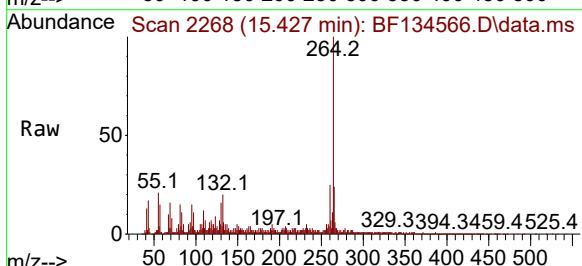
Tgt Ion:264 Resp: 259002

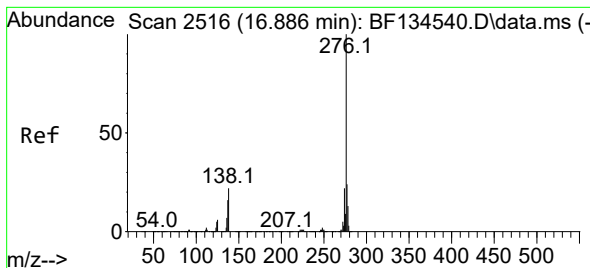
Ion Ratio Lower Upper

264 100

260 25.0 18.4 27.6

265 24.4 15.8 23.8#





#87

Indeno(1,2,3-cd)pyrene

Concen: 26.186 ng

RT: 16.904 min Scan# 2196

Delta R.T. 0.018 min

Lab File: BF134566.D

Acq: 02 Aug 2023 00:41

Instrument :

BNA_F

ClientSampleId :

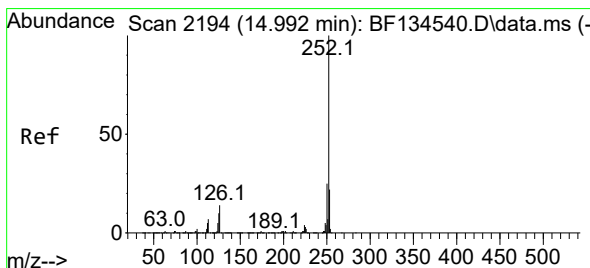
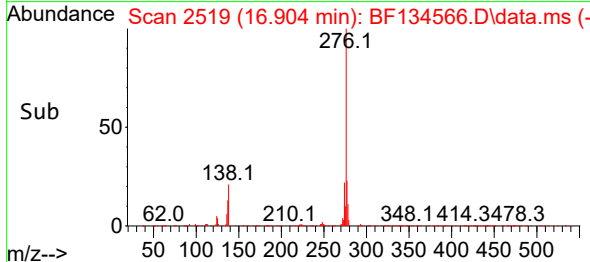
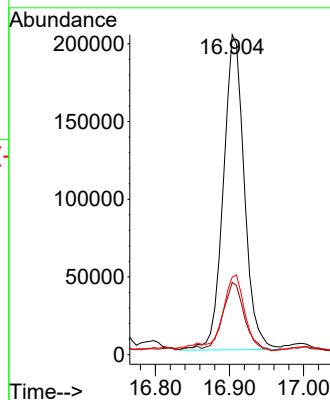
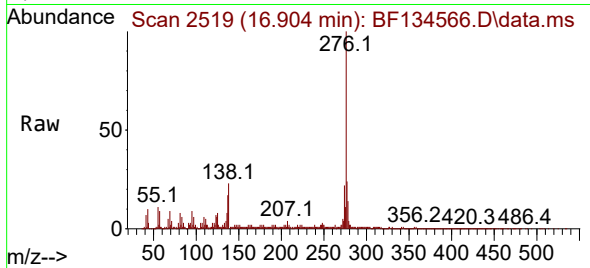
Tgt Ion:276 Resp: 398875

Ion Ratio Lower Upper

276 100

138 22.0 14.2 21.4#

277 26.4 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 82.305 ng

RT: 15.004 min Scan# 2196

Delta R.T. 0.012 min

Lab File: BF134566.D

Acq: 02 Aug 2023 00:41

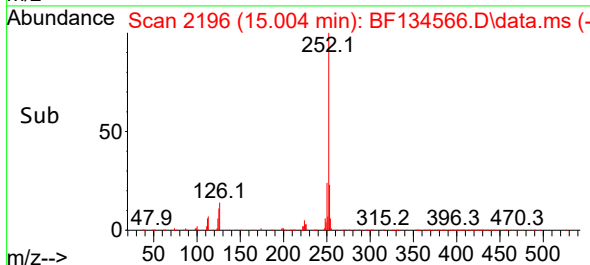
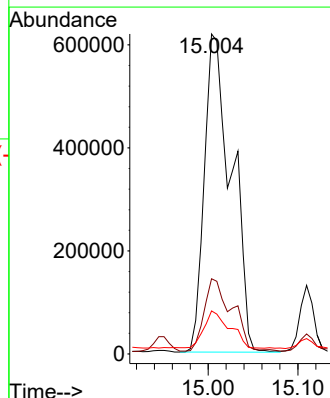
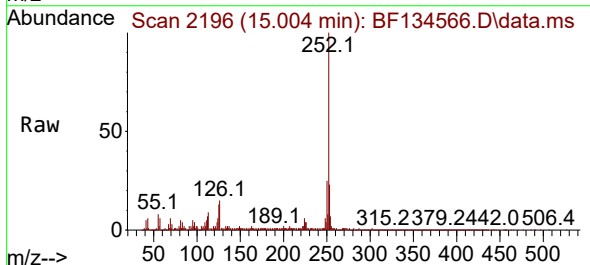
Tgt Ion:252 Resp: 1300111

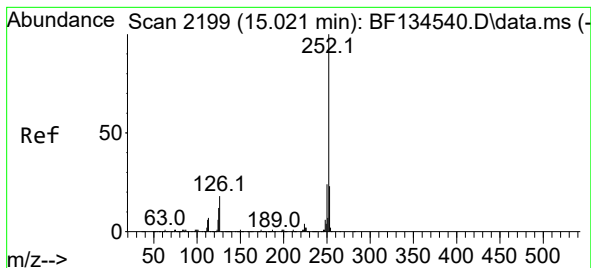
Ion Ratio Lower Upper

252 100

253 23.5 17.3 25.9

125 13.4 6.0 9.0#





#89

Benzo(k)fluoranthene

Concen: 82.622 ng

RT: 15.004 min Scan# 21

Delta R.T. -0.017 min

Lab File: BF134566.D

Acq: 02 Aug 2023 00:41

Instrument :

BNF

ClientSampleId :

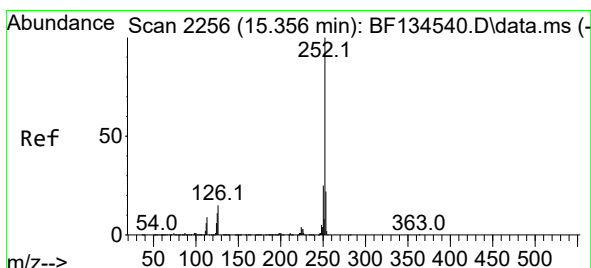
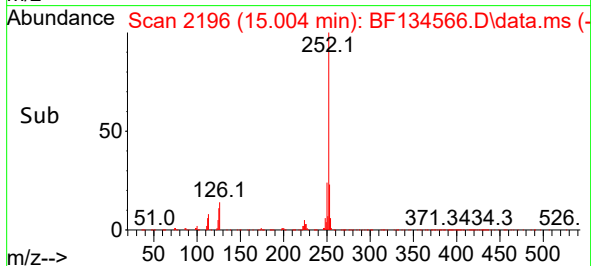
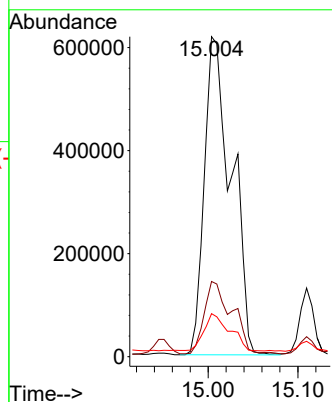
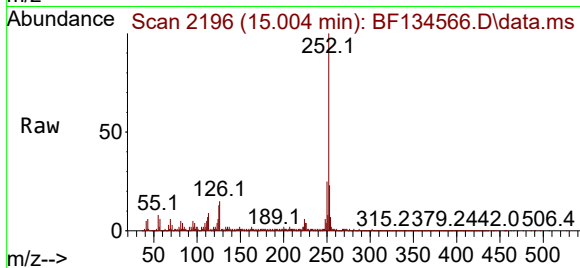
Tgt Ion:252 Resp: 1300111

Ion Ratio Lower Upper

252 100

253 23.5 17.9 26.9

125 13.4 6.3 9.5#



#90

Benzo(a)pyrene

Concen: 41.506 ng

RT: 15.368 min Scan# 2258

Delta R.T. 0.012 min

Lab File: BF134566.D

Acq: 02 Aug 2023 00:41

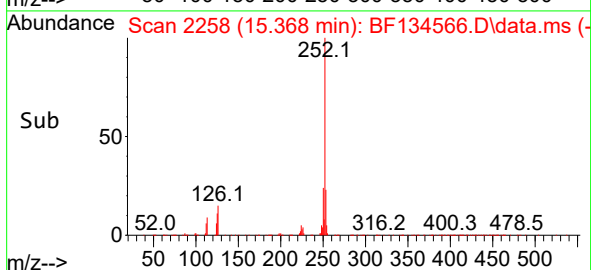
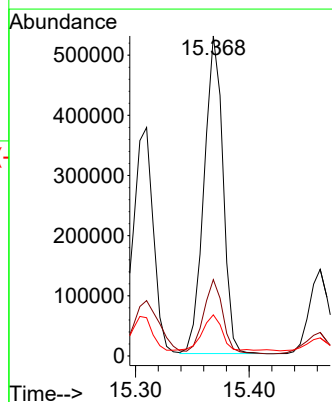
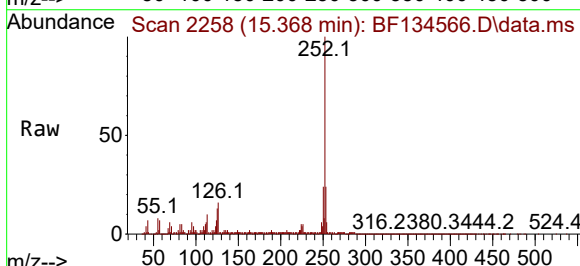
Tgt Ion:252 Resp: 611304

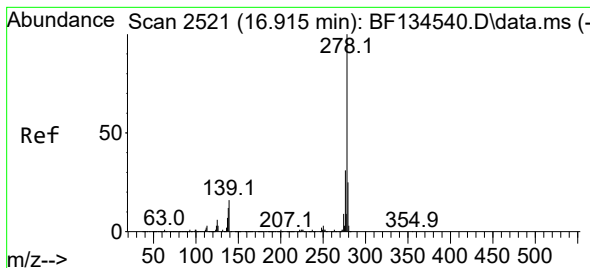
Ion Ratio Lower Upper

252 100

253 23.8 17.0 25.4

125 12.9 6.2 9.4#





#91

Dibenzo(a,h)anthracene

Concen: 8.108 ng

RT: 16.921 min Scan# 2521

Delta R.T. 0.006 min

Lab File: BF134566.D

Acq: 02 Aug 2023 00:41

Instrument :

BNF

ClientSampleId :

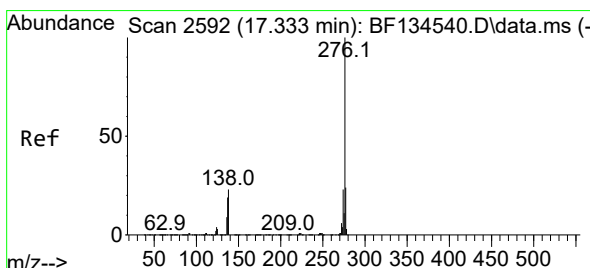
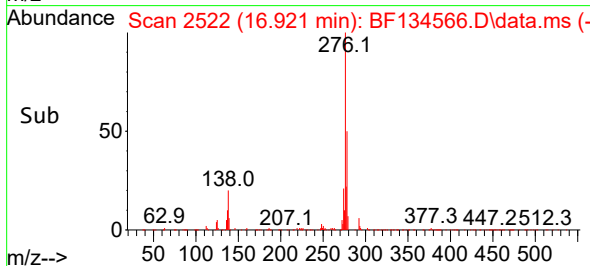
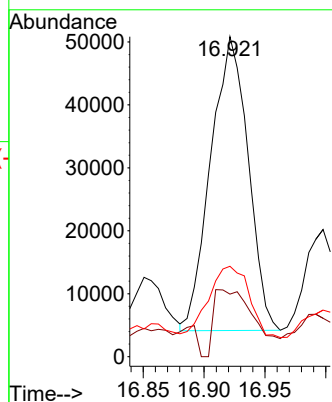
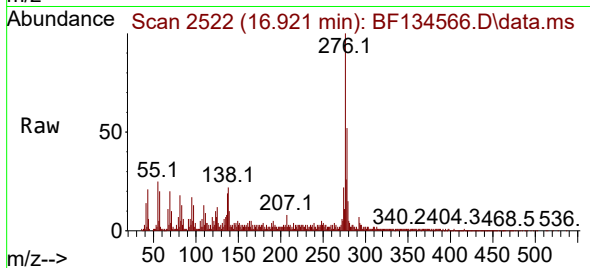
Tgt Ion:278 Resp: 99807

Ion Ratio Lower Upper

278 100

139 19.6 10.0 15.0#

279 28.2 19.7 29.5



#92

Benzo(g,h,i)perylene

Concen: 30.862 ng

RT: 17.357 min Scan# 2596

Delta R.T. 0.024 min

Lab File: BF134566.D

Acq: 02 Aug 2023 00:41

Tgt Ion:276 Resp: 387543

Ion Ratio Lower Upper

276 100

277 23.4 19.0 28.6

138 22.1 12.2 18.2#

