

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080423\
 Data File : BF134630.D
 Acq On : 04 Aug 2023 13:49
 Operator : CG\JU
 Sample : 03864-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Quant Time: Aug 05 00:06:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 09:29:15 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	174462	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	584517	20.000	ng	# 0.00
39) Acenaphthene-d10	9.857	164	125769	20.000	ng	# 0.02
64) Phenanthrene-d10	11.398	188	129029	20.000	ng	# 0.08
76) Chrysene-d12	14.033	240	230009	20.000	ng	# 0.06
86) Perylene-d12	15.468	264	290992	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	861030	75.022	ng	0.00
7) Phenol-d6	6.428	99	1055238	71.926	ng	-0.01
23) Nitrobenzene-d5	7.357	82	573448	61.309	ng	-0.01
42) 2,4,6-Tribromophenol	10.675	330	110396	86.106	ng	0.05
45) 2-Fluorobiphenyl	9.157	172	863776	114.193	ng	0.00
79) Terphenyl-d14	12.998	244	420441	32.224	ng	0.08
Target Compounds						
9) Benzaldehyde	6.351	77	1481	Below Cal		Qvalue 92
19) n-Nitroso-di-n-propyla...	7.357	70	76494	8.708	ng	# 75
25) Isophorone	7.357	82	570641	27.972	ng	# 65
26) 2-Nitrophenol	7.681	139	283	4.852	ng	# 1
32) Benzoic acid	7.857	122	1064	8.017	ng	# 52
46) 1,1'-Biphenyl	9.257	154	27892	2.852	ng	# 83
48) 2-Nitroaniline	9.316	65	4374	4.954	ng	# 76
49) Acenaphthylene	9.716	152	39847	3.459	ng	# 1
50) Dimethylphthalate	9.669	163	88750	10.353	ng	# 26
51) 2,6-Dinitrotoluene	9.610	165	41040	24.647	ng	# 23
53) 3-Nitroaniline	9.828	138	17243	9.025	ng	# 23
54) 2,4-Dinitrophenol	9.933	184	1045	8.765	ng	# 1
56) 4-Nitrophenol	9.992	139	9673	6.190	ng	# 1
57) 2,4-Dinitrotoluene	10.022	165	7640	6.238	ng	# 26
61) 4-Chlorophenyl-phenyle...	10.445	204	21781	5.725	ng	# 1
62) 4-Nitroaniline	10.351	138	46494	24.827	ng	# 85
65) 4,6-Dinitro-2-methylph...	10.498	198	831	10.004	ng	# 1
66) n-Nitrosodiphenylamine	10.563	169	20238	4.928	ng	# 60
67) 4-Bromophenyl-phenylether	10.963	248	11909	8.431	ng	# 22
69) Atrazine	11.092	200	4227	3.819	ng	# 1
70) Pentachlorophenol	11.251	266	13620	14.748	ng	# 1
71) Phenanthrene	11.422	178	141470	20.642	ng	# 10
72) Anthracene	11.475	178	23629	3.375	ng	# 1
73) Carbazole	11.610	167	13128	2.100	ng	# 1
74) Di-n-butylphthalate	11.969	149	43076	6.487	ng	# 21
75) Fluoranthene	12.633	202	223353	30.852	ng	# 75
78) Pyrene	12.863	202	210616	10.582	ng	# 76
81) Benzo(a)anthracene	14.027	228	198984	12.099	ng	# 91
83) Chrysene	14.057	228	201725	12.589	ng	# 92
84) Bis(2-ethylhexyl)phtha...	14.004	149	21278	2.687	ng	# 74
85) Di-n-octyl phthalate	14.621	149	25639	2.129	ng	# 74
87) Indeno(1,2,3-cd)pyrene	16.933	276	136508	7.976	ng	# 93
88) Benzo(b)fluoranthene	15.045	252	421876	23.771	ng	# 89
89) Benzo(k)fluoranthene	15.045	252	421876	23.863	ng	# 90
90) Benzo(a)pyrene	15.404	252	207253	12.525	ng	# 90
91) Dibenzo(a,h)anthracene	16.951	278	34635	2.504	ng	# 85

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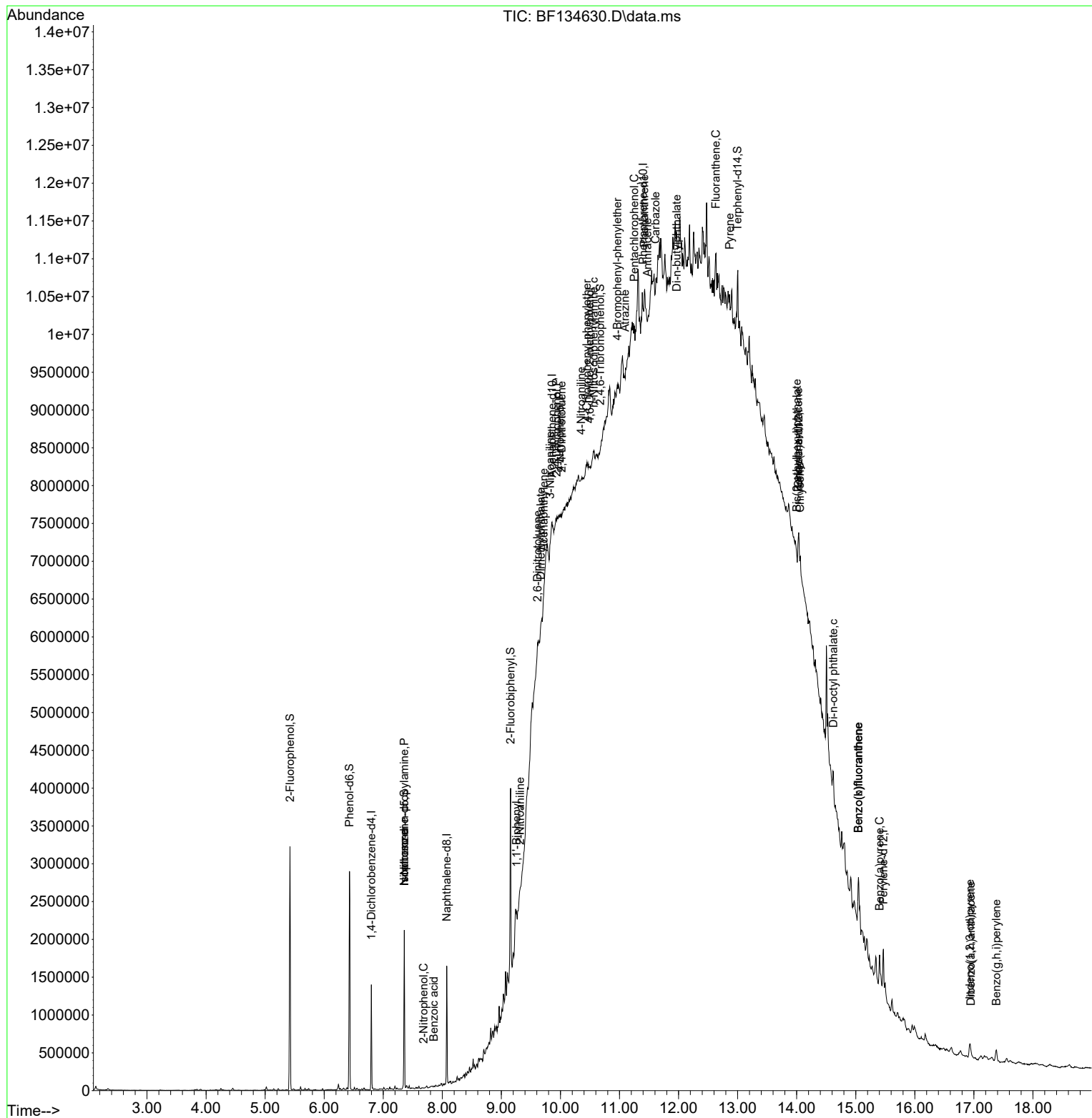
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) Benzo(g,h,i)perylene	17.380	276	131367	9.311	ng	# 91

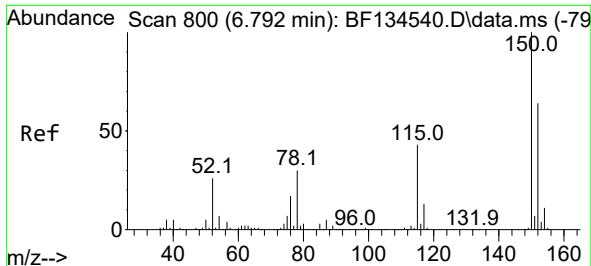
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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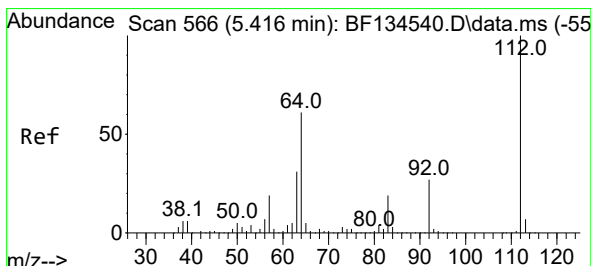
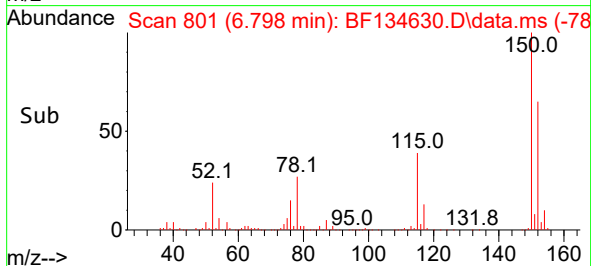
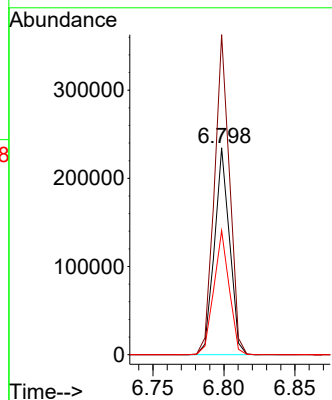
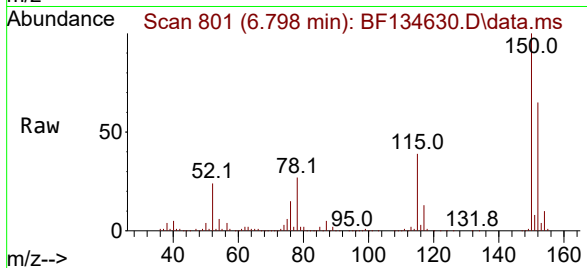




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF134630.D
Acq: 04 Aug 2023 13:49

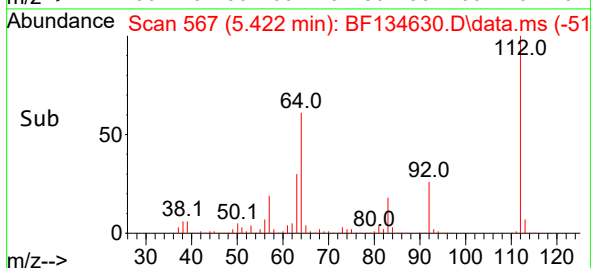
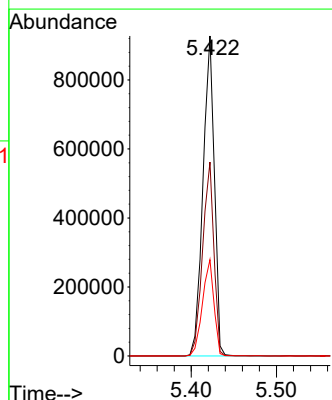
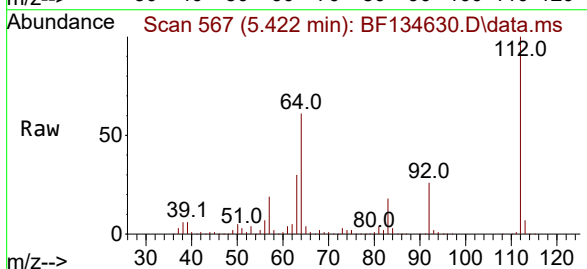
Instrument :
BNA_F
ClientSampleId :
WC-1

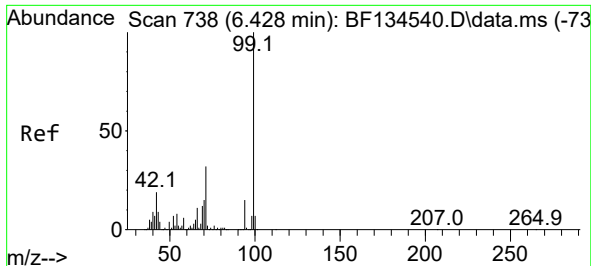
Tgt Ion:152 Resp: 174462
Ion Ratio Lower Upper
152 100
150 154.6 128.3 192.5
115 59.9 52.4 78.6



#5
2-Fluorophenol
Concen: 75.022 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF134630.D
Acq: 04 Aug 2023 13:49

Tgt Ion:112 Resp: 861030
Ion Ratio Lower Upper
112 100
64 60.6 44.9 67.3
63 30.1 25.4 38.0

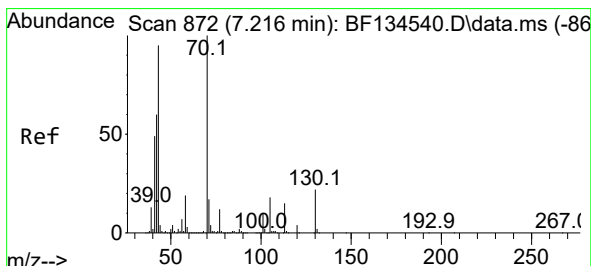
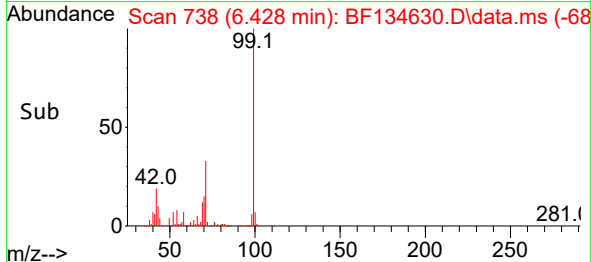
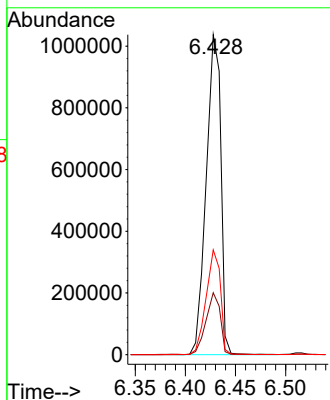
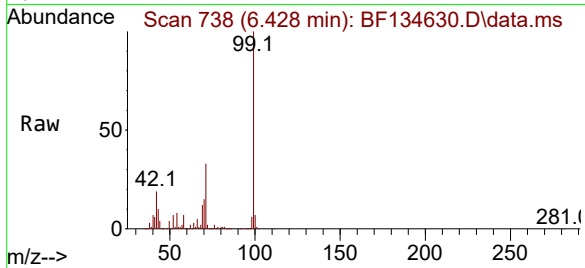




#7
Phenol-d6
Concen: 71.926 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF134630.D
Acq: 04 Aug 2023 13:49

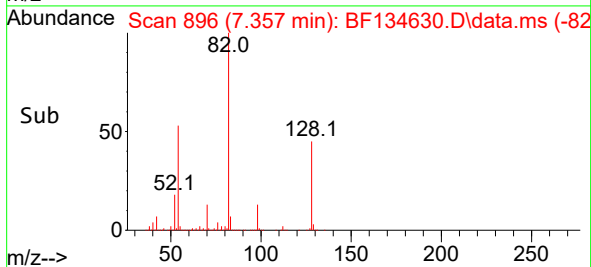
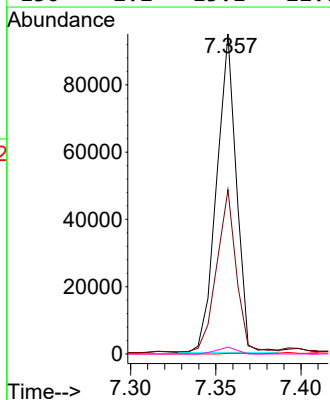
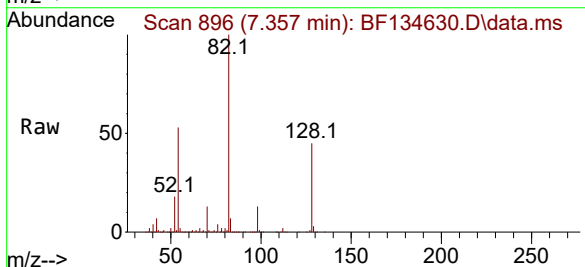
Instrument :
BNA_F
ClientSampleId :
WC-1

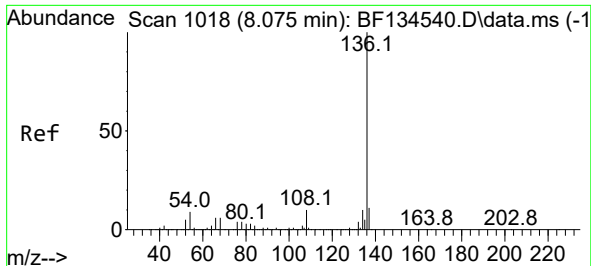
Tgt Ion: 99 Resp: 1055238
Ion Ratio Lower Upper
99 100
42 19.3 18.7 28.1
71 32.8 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 8.708 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.135 min
Lab File: BF134630.D
Acq: 04 Aug 2023 13:49

Tgt Ion: 70 Resp: 76494
Ion Ratio Lower Upper
70 100
42 51.4 54.7 82.1#
101 0.2 8.2 12.2#
130 2.2 15.1 22.7#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.075 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134630.D

Acq: 04 Aug 2023 13:49

Instrument :

BNA_F

ClientSampleId :

WC-1

Tgt Ion:136 Resp: 584517

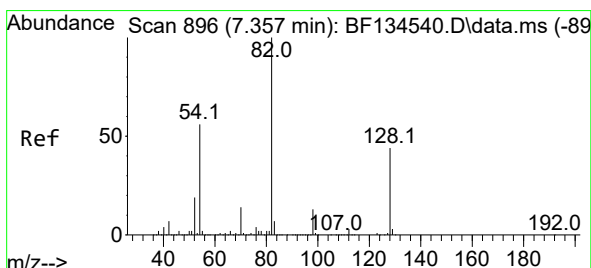
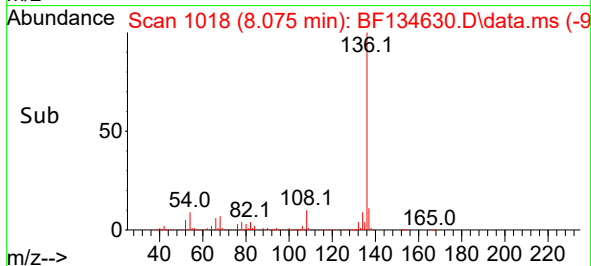
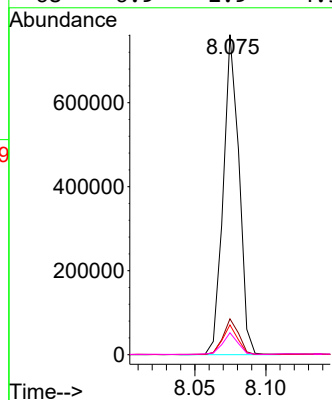
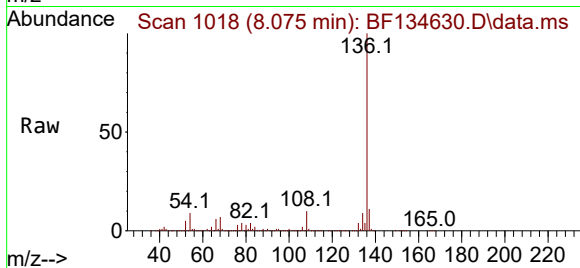
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 9.3 5.2 7.8#

68 6.9 2.9 4.3#



#23

Nitrobenzene-d5

Concen: 61.309 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF134630.D

Acq: 04 Aug 2023 13:49

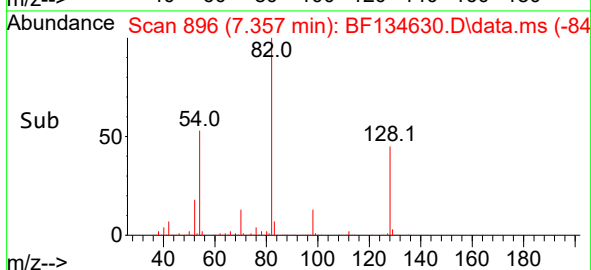
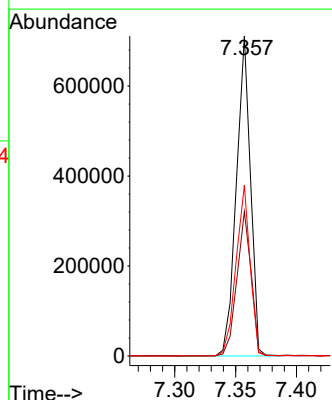
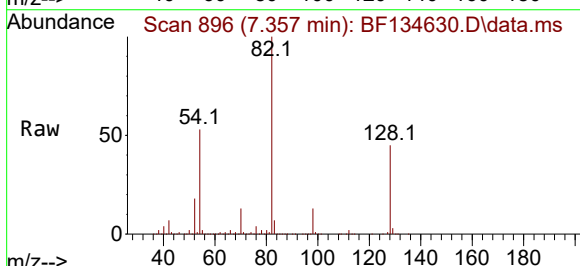
Tgt Ion: 82 Resp: 573448

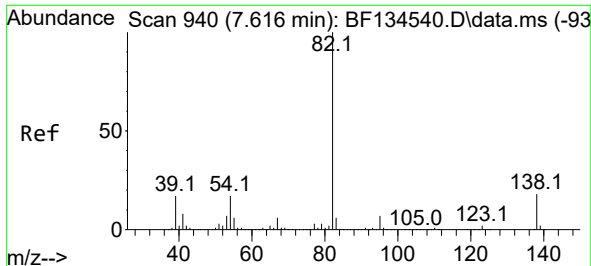
Ion Ratio Lower Upper

82 100

128 45.1 34.3 51.5

54 53.3 43.8 65.6

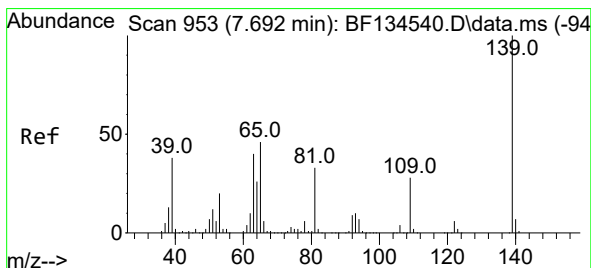
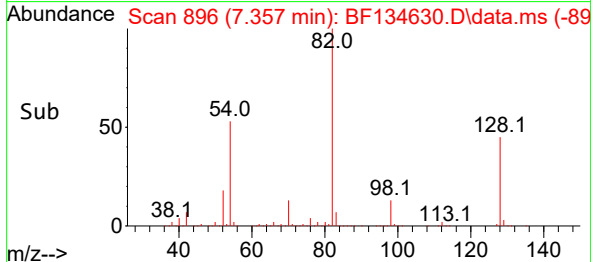
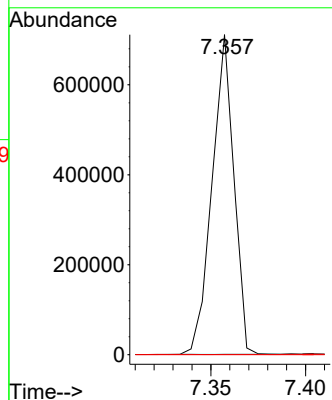
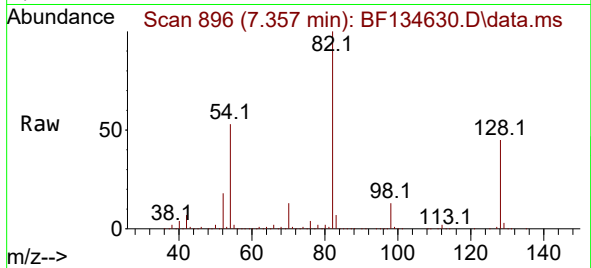




#25
Isophorone
Concen: 27.972 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.270 min
Lab File: BF134630.D
Acq: 04 Aug 2023 13:49

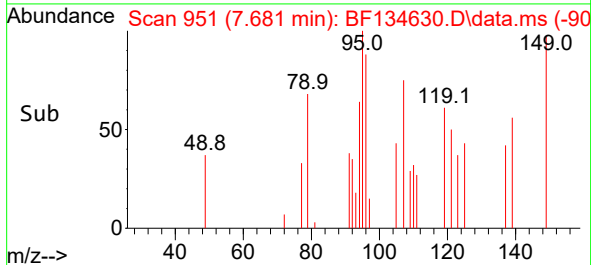
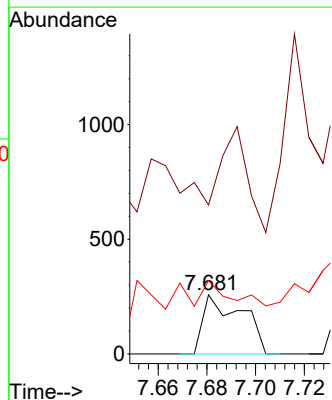
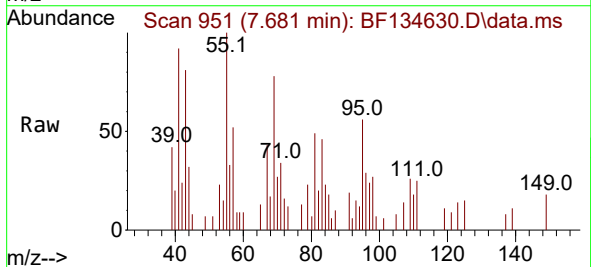
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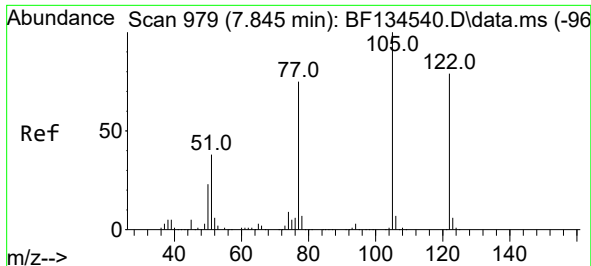
Tgt Ion: 82 Resp: 570641
Ion Ratio Lower Upper
82 100
95 0.1 6.0 9.0#
138 0.0 14.6 22.0#



#26
2-Nitrophenol
Concen: 4.852 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.018 min
Lab File: BF134630.D
Acq: 04 Aug 2023 13:49

Tgt Ion:139 Resp: 283
Ion Ratio Lower Upper
139 100
109 251.6 29.8 44.6#
65 124.0 45.4 68.2#





#32

Benzoic acid

Concen: 8.017 ng

RT: 7.857 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF134630.D

Acq: 04 Aug 2023 13:49

Instrument :

BNA_F

ClientSampleId :

WC-1

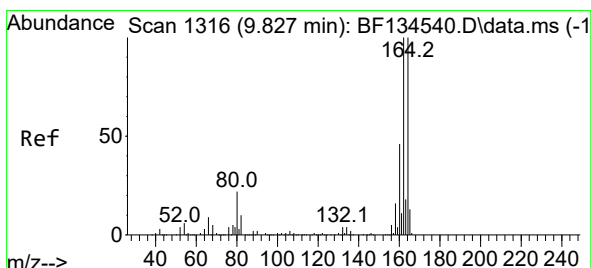
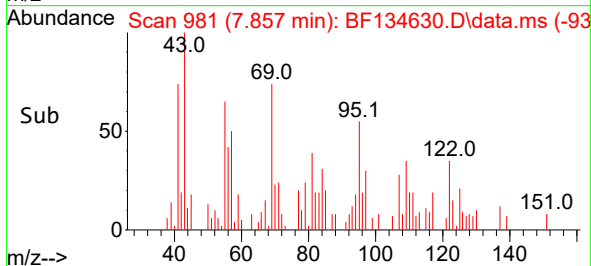
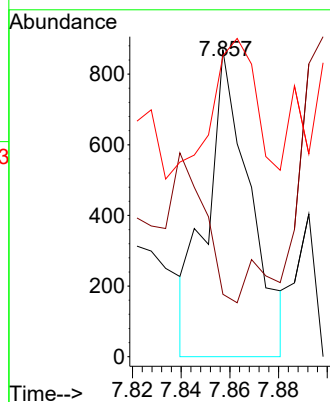
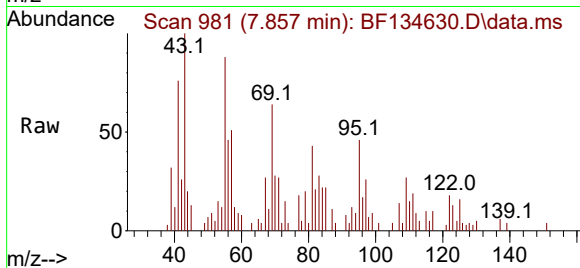
Tgt Ion:122 Resp: 1064

Ion Ratio Lower Upper

122 100

105 20.4 87.5 127.5#

77 98.2 71.4 111.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 1321

Delta R.T. 0.024 min

Lab File: BF134630.D

Acq: 04 Aug 2023 13:49

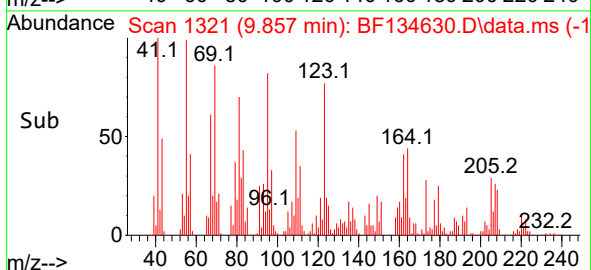
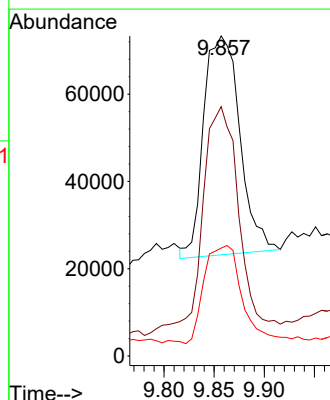
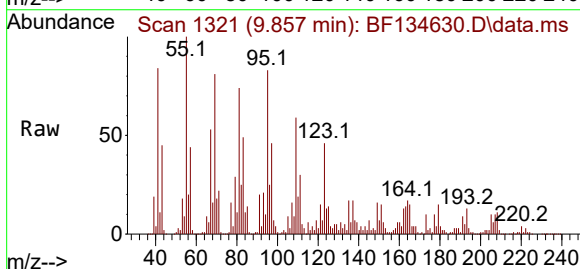
Tgt Ion:164 Resp: 125769

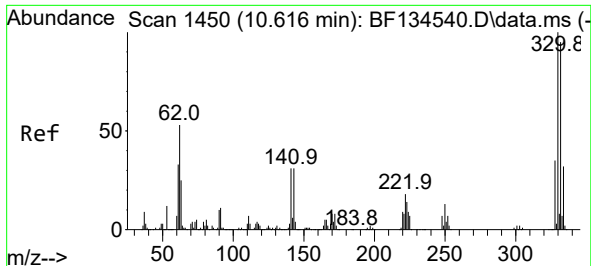
Ion Ratio Lower Upper

164 100

162 77.9 82.6 123.8#

160 33.7 37.2 55.8#

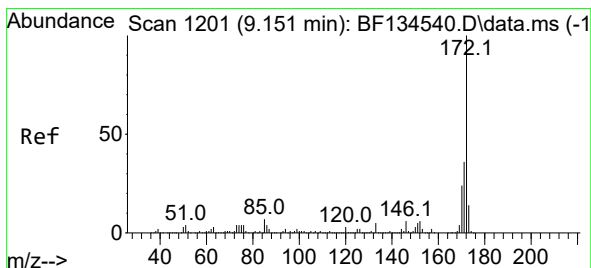
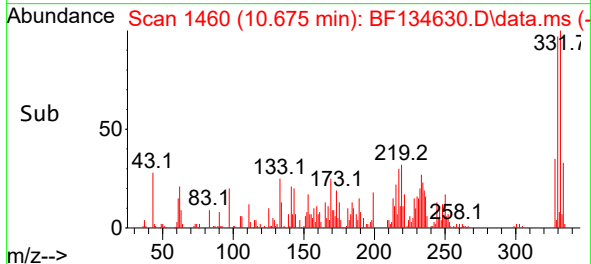
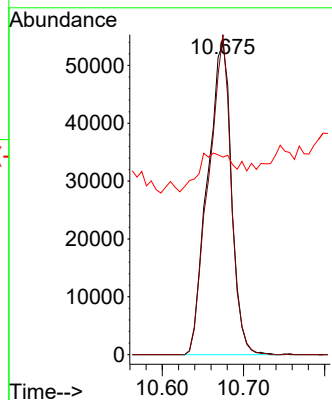
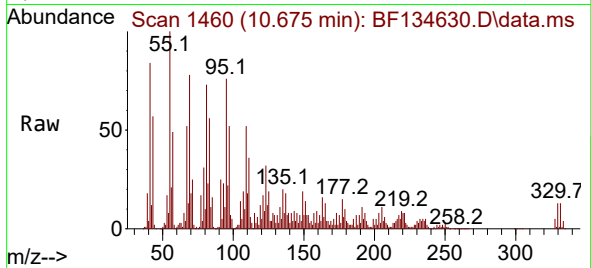




#42
2,4,6-Tribromophenol
Concen: 86.106 ng
RT: 10.675 min Scan# 1450
Delta R.T. 0.047 min
Lab File: BF134630.D
Acq: 04 Aug 2023 13:49

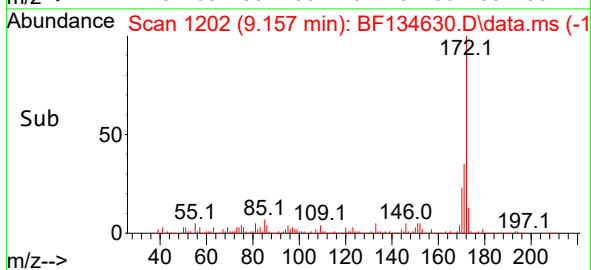
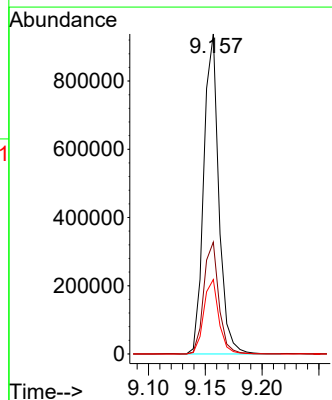
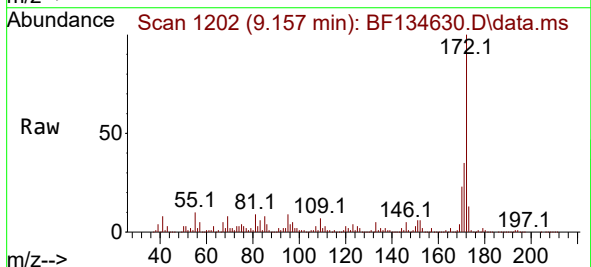
Instrument :
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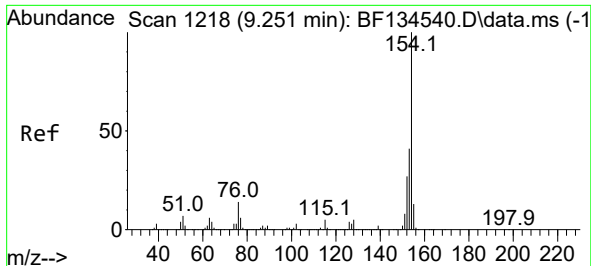
Tgt Ion:330 Resp: 110396
Ion Ratio Lower Upper
330 100
332 96.9 78.8 118.2
141 17.5 25.4 38.2#



#45
2-Fluorobiphenyl
Concen: 114.193 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF134630.D
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Tgt Ion:172 Resp: 863776
Ion Ratio Lower Upper
172 100
171 35.0 28.8 43.2
170 23.2 18.7 28.1





#46

1,1'-Biphenyl

Concen: 2.852 ng

RT: 9.257 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134630.D

Acq: 04 Aug 2023 13:49

Instrument :

BNA_F

ClientSampleId :

WC-1

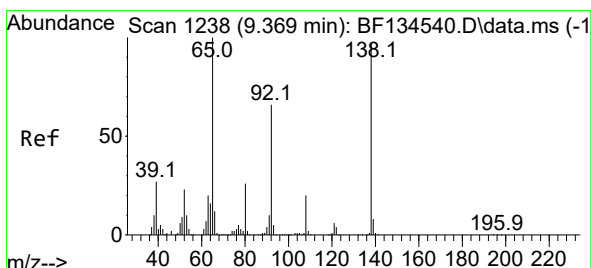
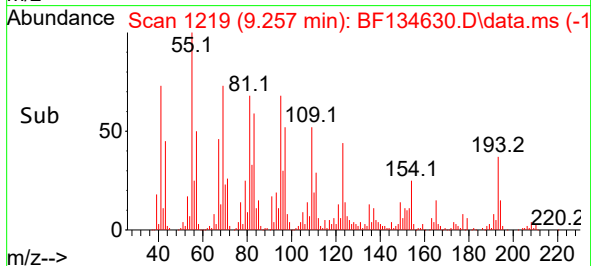
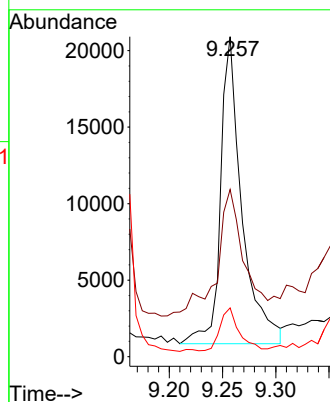
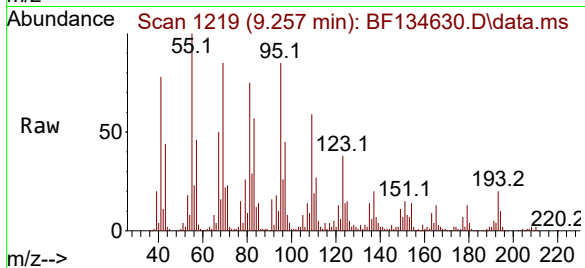
Tgt Ion:154 Resp: 27892

Ion Ratio Lower Upper

154 100

153 52.3 20.8 60.8

76 15.2 0.0 30.2



#48

2-Nitroaniline

Concen: 4.954 ng

RT: 9.316 min Scan# 1229

Delta R.T. -0.065 min

Lab File: BF134630.D

Acq: 04 Aug 2023 13:49

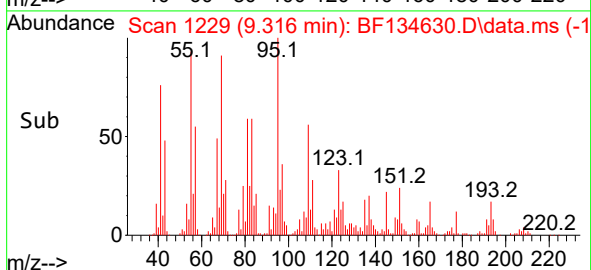
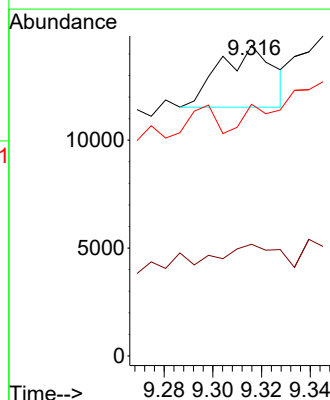
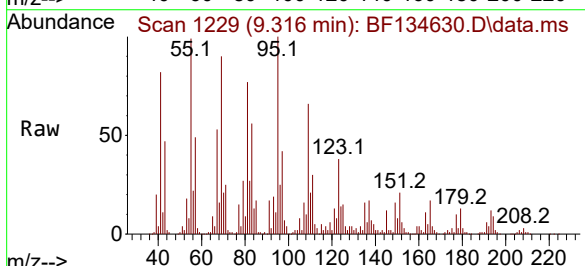
Tgt Ion: 65 Resp: 4374

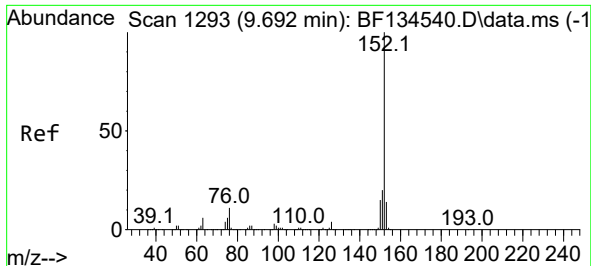
Ion Ratio Lower Upper

65 100

92 36.0 50.7 76.1#

138 81.1 78.2 117.4





#49

Acenaphthylene

Concen: 3.459 ng

RT: 9.716 min Scan# 1297

Delta R.T. 0.018 min

Lab File: BF134630.D

Acq: 04 Aug 2023 13:49

Instrument :

BNA_F

ClientSampleId :

WC-1

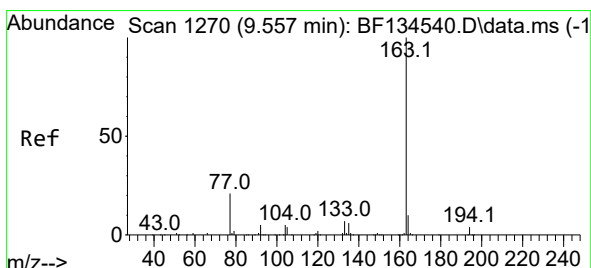
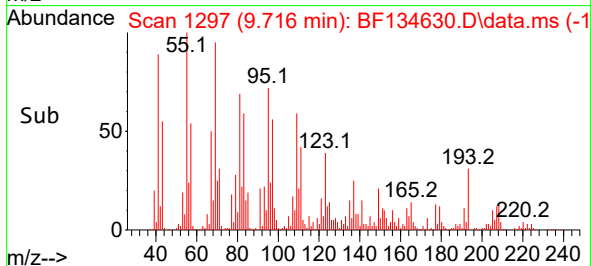
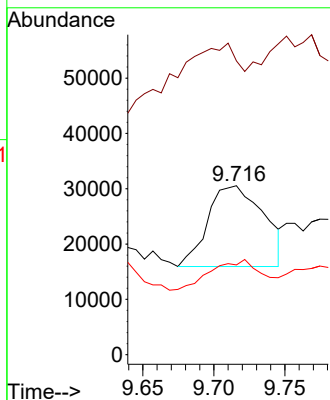
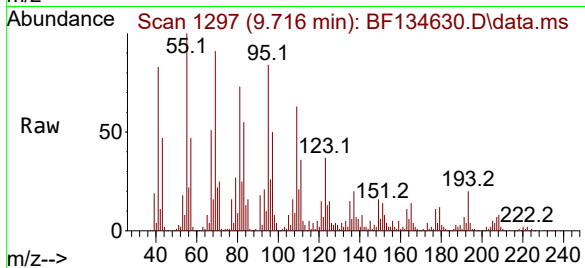
Tgt Ion:152 Resp: 39847

Ion Ratio Lower Upper

152 100

151 173.8 16.4 24.6#

153 53.1 10.9 16.3#



#50

Dimethylphthalate

Concen: 10.353 ng

RT: 9.669 min Scan# 1289

Delta R.T. 0.100 min

Lab File: BF134630.D

Acq: 04 Aug 2023 13:49

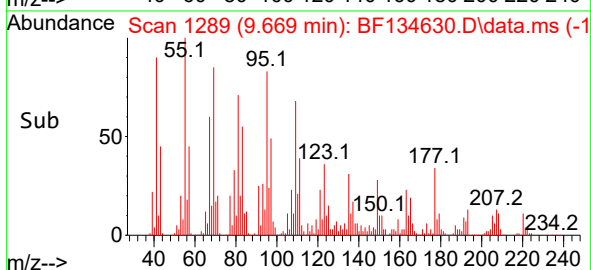
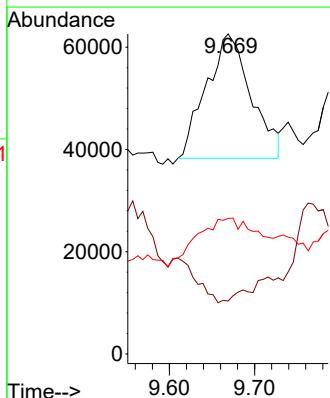
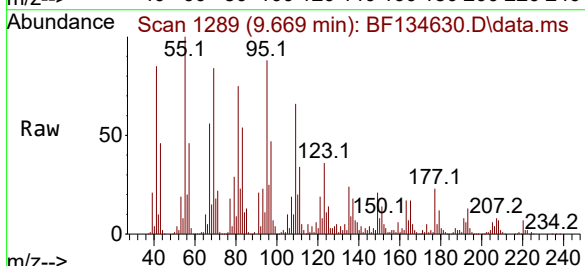
Tgt Ion:163 Resp: 88750

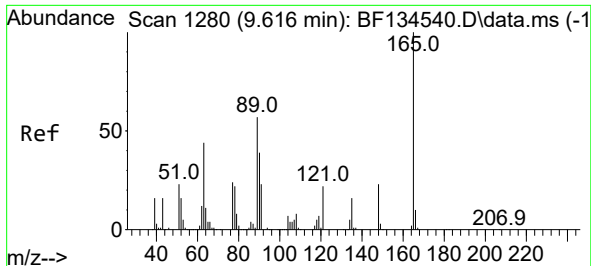
Ion Ratio Lower Upper

163 100

194 16.6 3.3 4.9#

164 42.4 7.5 11.3#

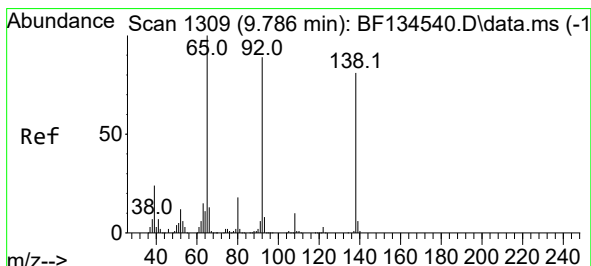
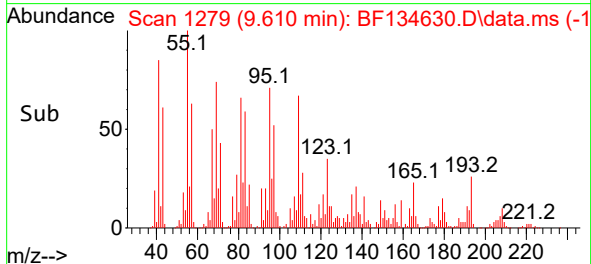
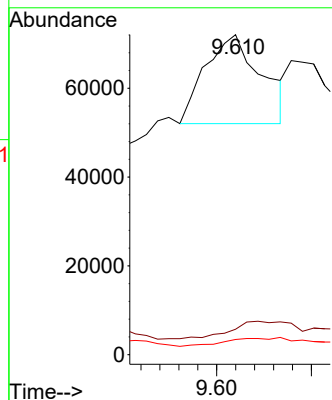
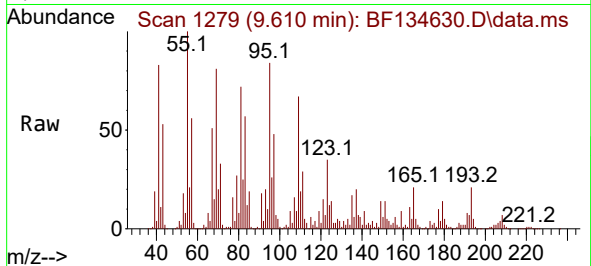




#51
2,6-Dinitrotoluene
Concen: 24.647 ng
RT: 9.610 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF134630.D
Acq: 04 Aug 2023 13:49

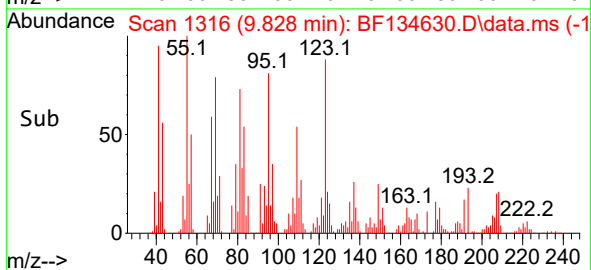
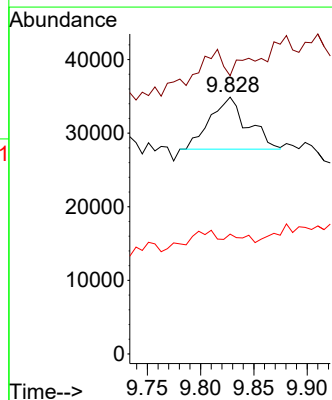
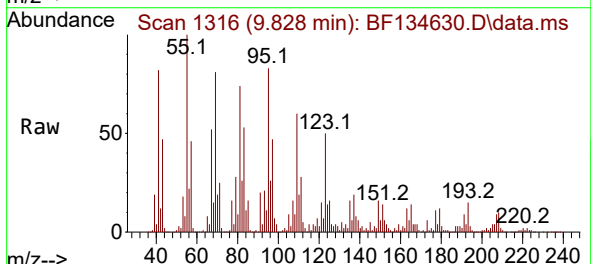
Instrument :
BNA_F
ClientSampleId :
WC-1

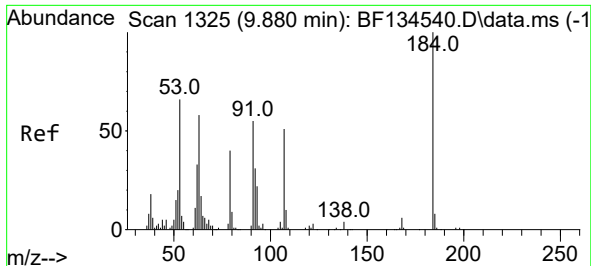
Tgt Ion:165 Resp: 41040
Ion Ratio Lower Upper
165 100
63 8.0 57.8 86.6#
89 4.8 51.8 77.8#



#53
3-Nitroaniline
Concen: 9.025 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.035 min
Lab File: BF134630.D
Acq: 04 Aug 2023 13:49

Tgt Ion:138 Resp: 17243
Ion Ratio Lower Upper
138 100
108 108.3 9.3 13.9#
92 46.7 86.6 129.8#

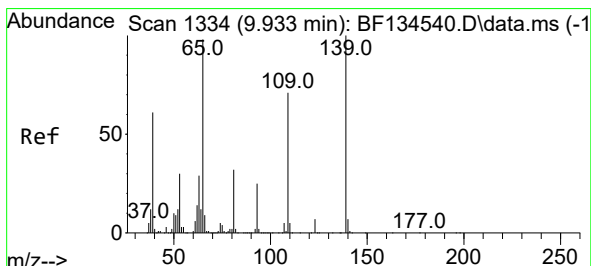
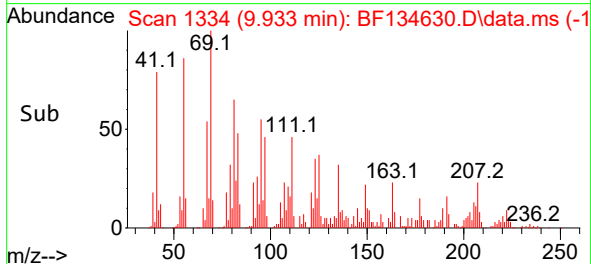
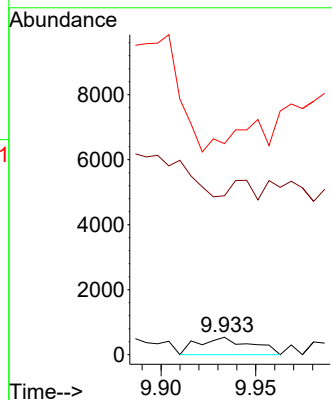
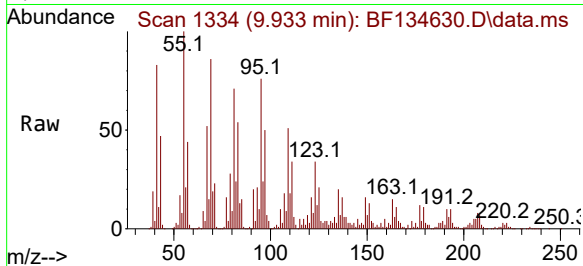




#54
2,4-Dinitrophenol
Concen: 8.765 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.035 min
Lab File: BF134630.D
Acq: 04 Aug 2023 13:49

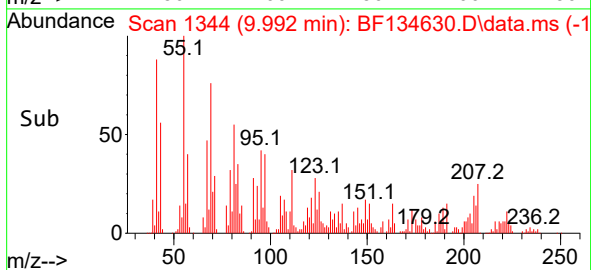
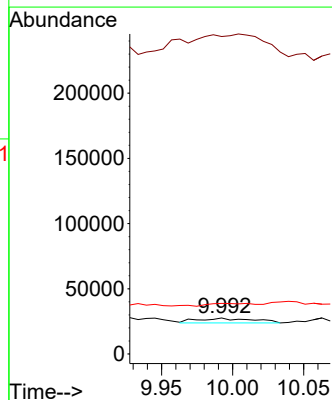
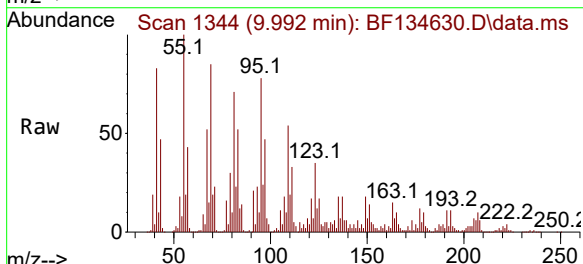
Instrument :
BNA_F
ClientSampleId :
WC-1

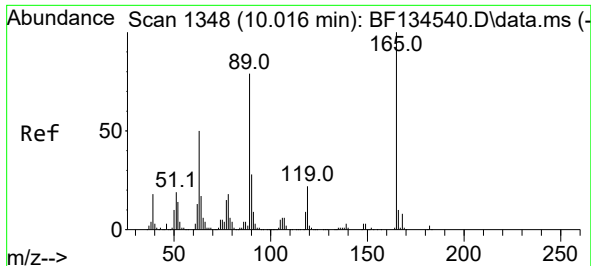
Tgt Ion:184 Resp: 1045
Ion Ratio Lower Upper
184 100
63 912.5 57.1 85.7#
154 1211.2 59.1 88.7#



#56
4-Nitrophenol
Concen: 6.190 ng
RT: 9.992 min Scan# 1344
Delta R.T. 0.041 min
Lab File: BF134630.D
Acq: 04 Aug 2023 13:49

Tgt Ion:139 Resp: 9673
Ion Ratio Lower Upper
139 100
109 881.6 76.9 116.9#
65 140.3 98.5 138.5#

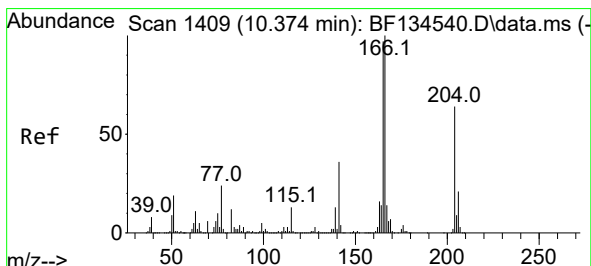
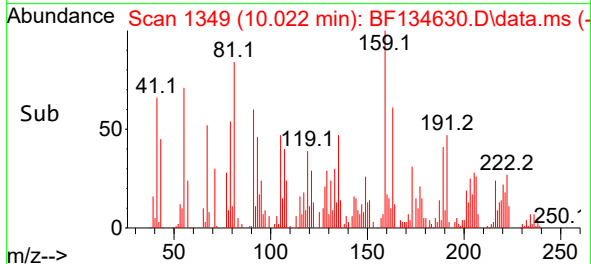
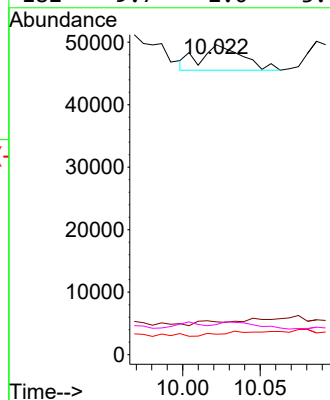
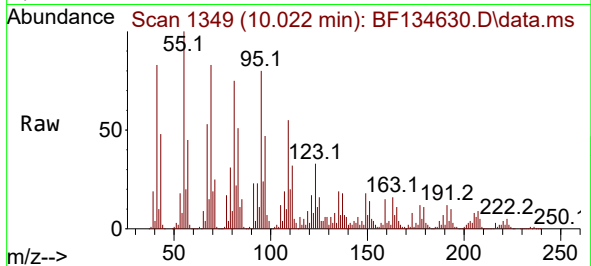




#57
2,4-Dinitrotoluene
Concen: 6.238 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134630.D
Acq: 04 Aug 2023 13:49

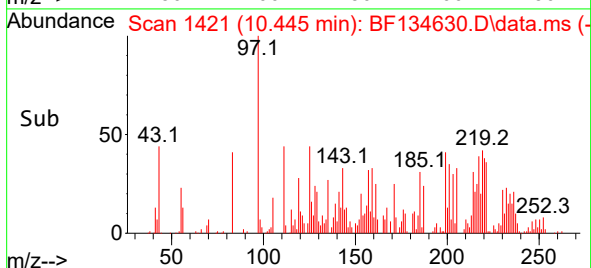
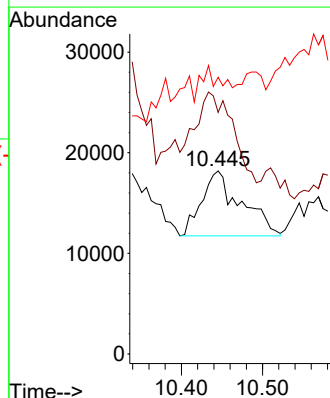
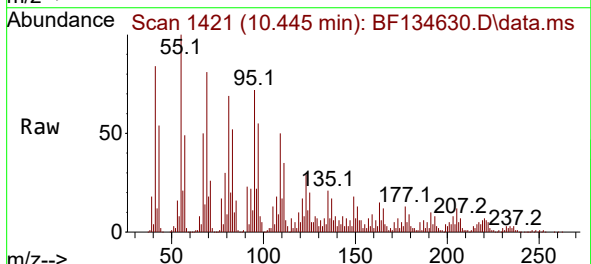
Instrument :
BNA_F
ClientSampleId :
WC-1

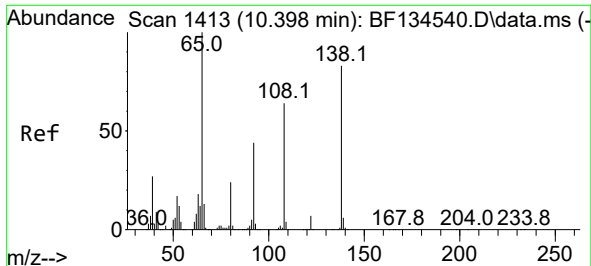
Tgt Ion:165 Resp: 7640
Ion Ratio Lower Upper
165 100
63 10.6 48.9 73.3#
89 6.6 61.7 92.5#
182 9.7 2.0 3.0#



#61
4-Chlorophenyl-phenylether
Concen: 5.725 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.065 min
Lab File: BF134630.D
Acq: 04 Aug 2023 13:49

Tgt Ion:204 Resp: 21781
Ion Ratio Lower Upper
204 100
206 132.0 26.0 39.0#
141 151.1 52.2 78.4#





#62

4-Nitroaniline

Concen: 24.827 ng

RT: 10.351 min Scan# 1413

Delta R.T. -0.059 min

Lab File: BF134630.D

Acq: 04 Aug 2023 13:49

Instrument :

BNA_F

ClientSampleId :

WC-1

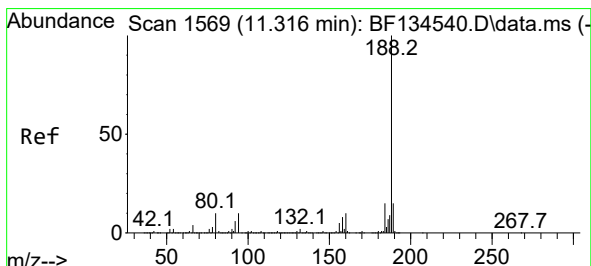
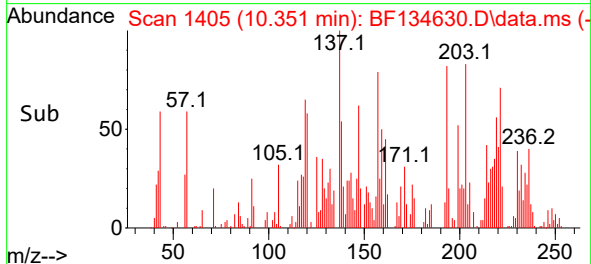
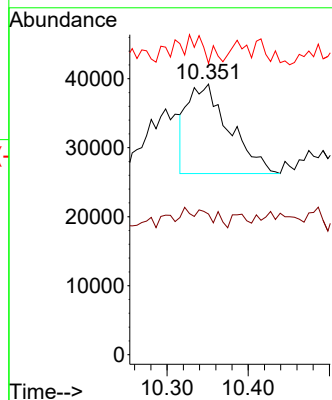
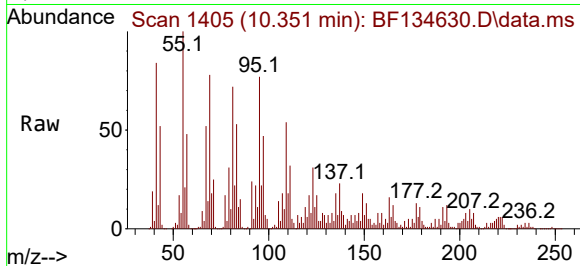
Tgt Ion:138 Resp: 46494

Ion Ratio Lower Upper

138 100

92 52.0 27.0 67.0

108 107.6 70.4 110.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1583

Delta R.T. 0.077 min

Lab File: BF134630.D

Acq: 04 Aug 2023 13:49

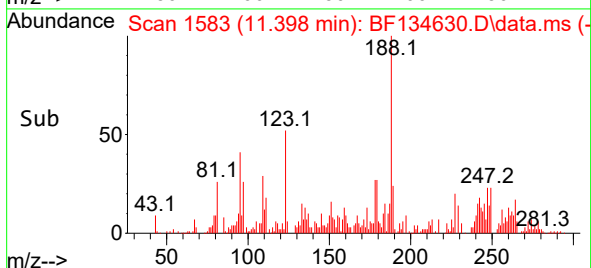
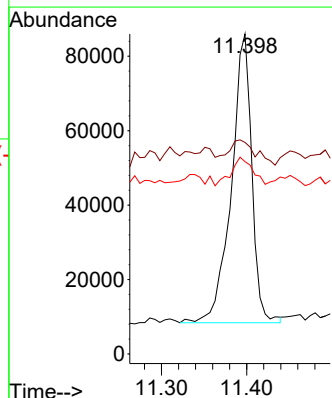
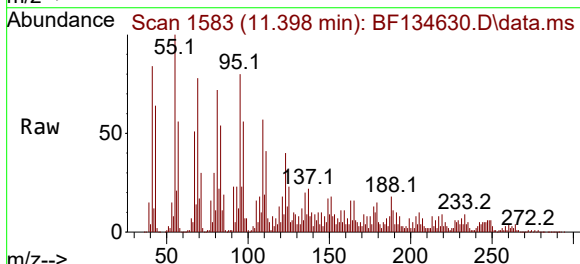
Tgt Ion:188 Resp: 129029

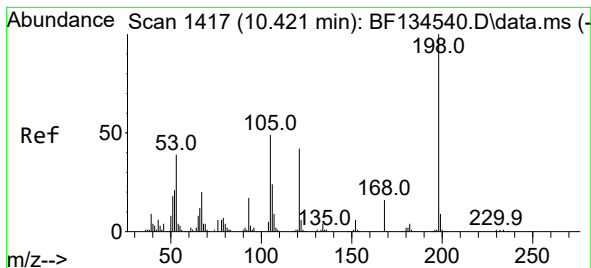
Ion Ratio Lower Upper

188 100

94 66.1 5.1 7.7#

80 60.1 6.6 9.8#

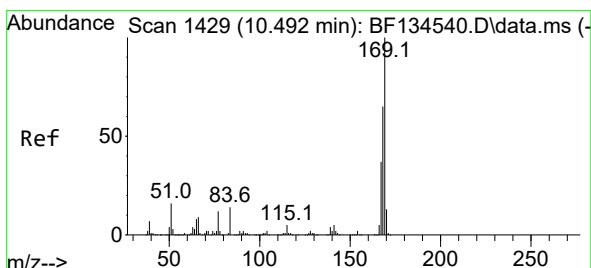
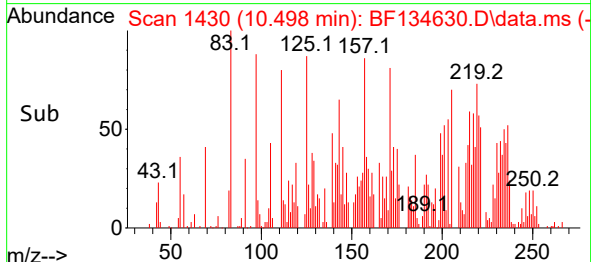
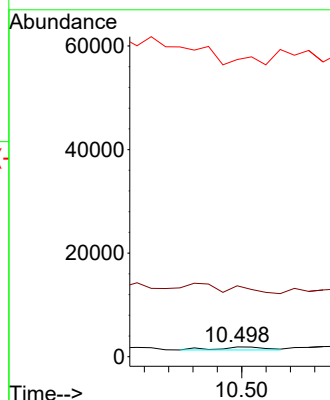
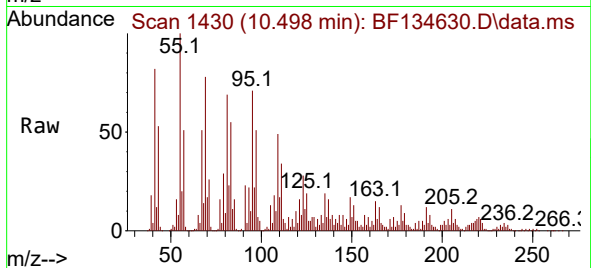




#65
4,6-Dinitro-2-methylphenol
Concen: 10.004 ng
RT: 10.498 min Scan# 1417
Delta R.T. 0.059 min
Lab File: BF134630.D
Acq: 04 Aug 2023 13:49

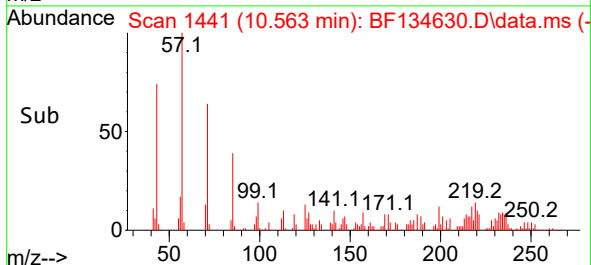
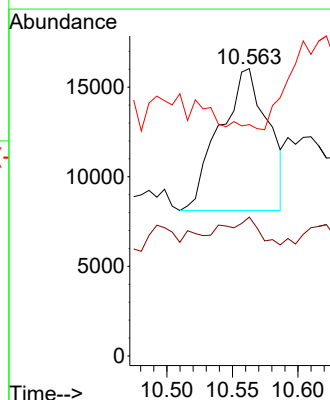
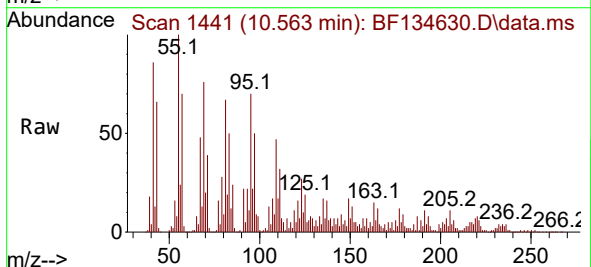
Instrument :
BNA_F
ClientSampleId :
WC-1

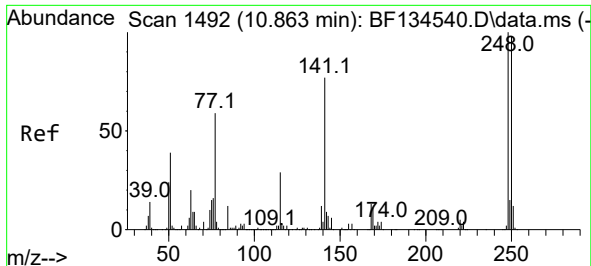
Tgt Ion:198 Resp: 831
Ion Ratio Lower Upper
198 100
51 724.7 38.6 78.6#
105 3038.2 27.9 67.9#



#66
n-Nitrosodiphenylamine
Concen: 4.928 ng
RT: 10.563 min Scan# 1441
Delta R.T. 0.059 min
Lab File: BF134630.D
Acq: 04 Aug 2023 13:49

Tgt Ion:169 Resp: 20238
Ion Ratio Lower Upper
169 100
168 48.3 52.6 78.8#
167 80.5 29.8 44.8#

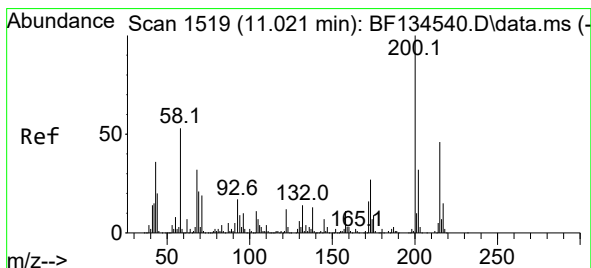
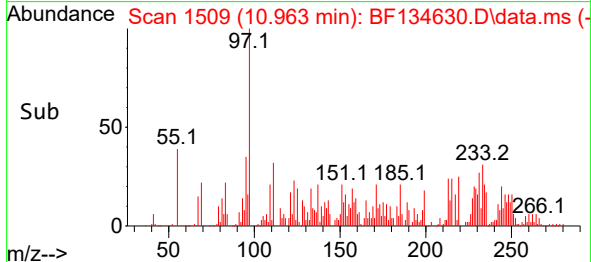
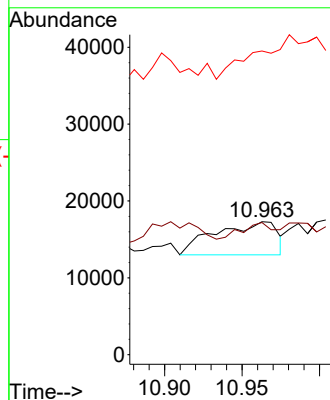
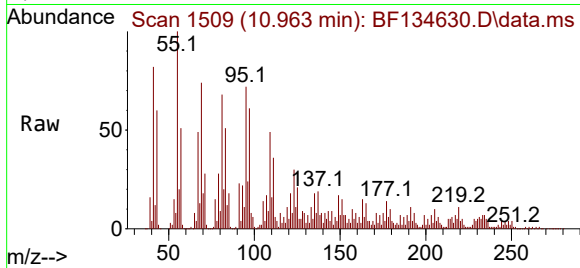




#67
4-Bromophenyl-phenylether
Concen: 8.431 ng
RT: 10.963 min Scan# 1509
Delta R.T. 0.094 min
Lab File: BF134630.D
Acq: 04 Aug 2023 13:49

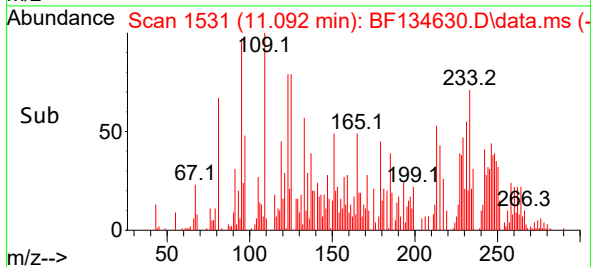
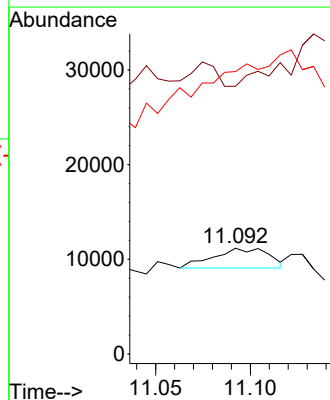
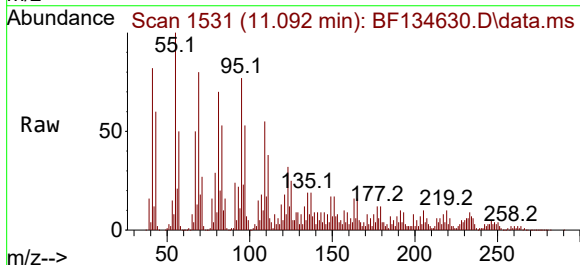
Instrument :
BNA_F
ClientSampleId :
WC-1

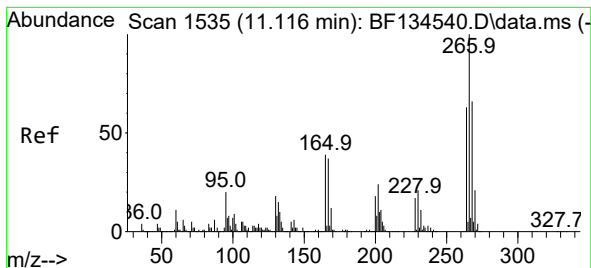
Tgt Ion:248 Resp: 11909
Ion Ratio Lower Upper
248 100
250 99.4 79.6 119.4
141 228.5 59.6 89.4#



#69
Atrazine
Concen: 3.819 ng
RT: 11.092 min Scan# 1531
Delta R.T. 0.059 min
Lab File: BF134630.D
Acq: 04 Aug 2023 13:49

Tgt Ion:200 Resp: 4227
Ion Ratio Lower Upper
200 100
173 253.1 6.1 46.1#
215 267.0 29.7 69.7#





#70

Pentachlorophenol

Concen: 14.748 ng

RT: 11.251 min Scan# 1558

Delta R.T. 0.124 min

Lab File: BF134630.D

Acq: 04 Aug 2023 13:49

Instrument :

BNA_F

ClientSampleId :

WC-1

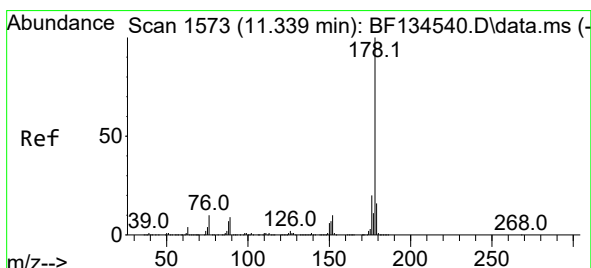
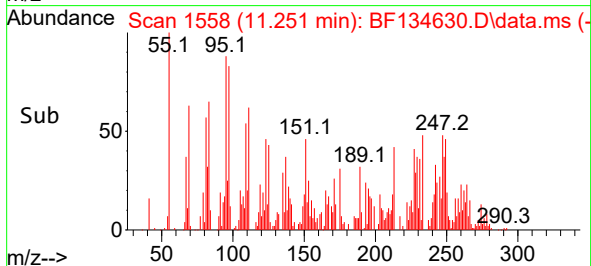
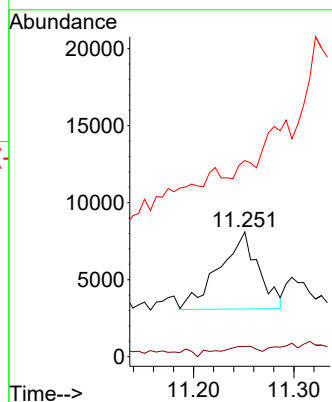
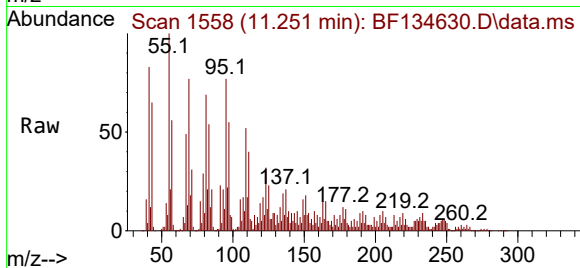
Tgt Ion:266 Resp: 13620

Ion Ratio Lower Upper

266 100

268 8.2 52.9 79.3#

264 157.0 47.8 71.6#



#71

Phenanthrene

Concen: 20.642 ng

RT: 11.422 min Scan# 1587

Delta R.T. 0.071 min

Lab File: BF134630.D

Acq: 04 Aug 2023 13:49

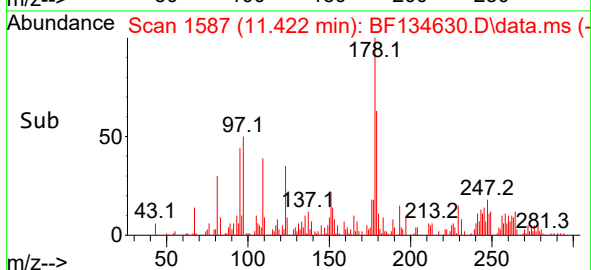
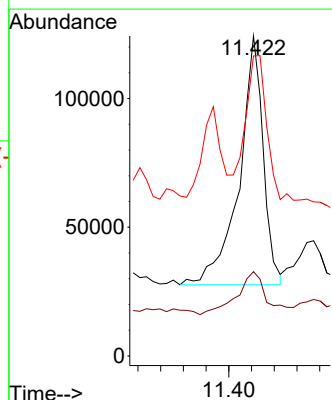
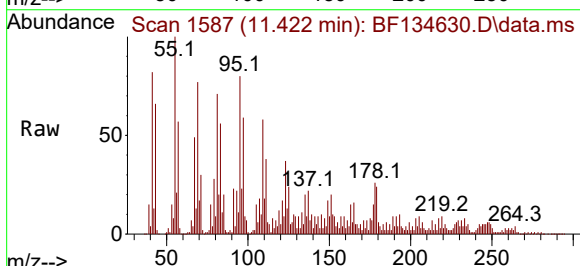
Tgt Ion:178 Resp: 141470

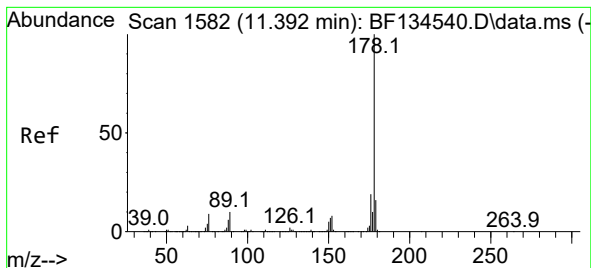
Ion Ratio Lower Upper

178 100

176 26.4 15.8 23.6#

179 93.8 12.7 19.1#





#72

Anthracene

Concen: 3.375 ng

RT: 11.475 min Scan# 1

Delta R.T. 0.071 min

Lab File: BF134630.D

Acq: 04 Aug 2023 13:49

Instrument :

BNA_F

ClientSampleId :

WC-1

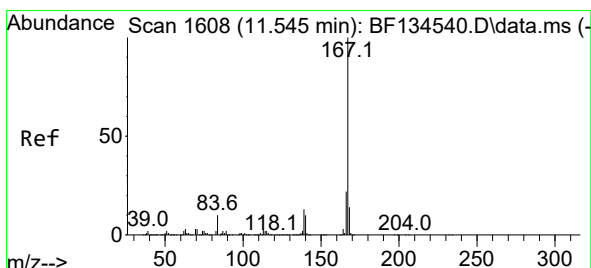
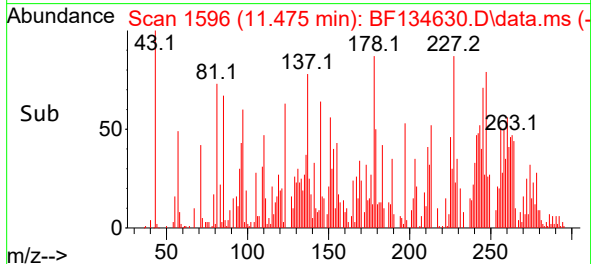
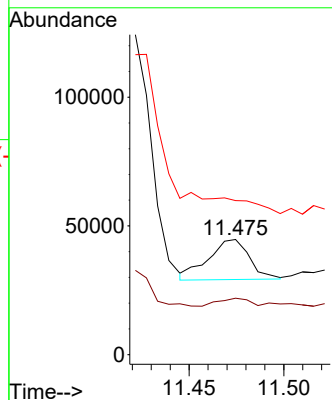
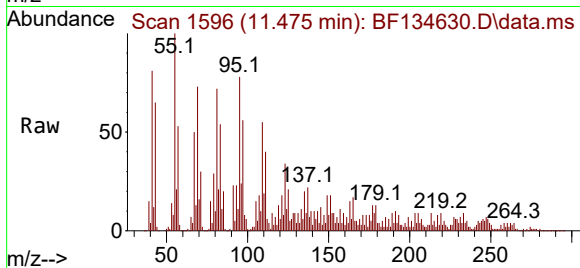
Tgt Ion:178 Resp: 23629

Ion Ratio Lower Upper

178 100

176 49.1 14.6 21.8#

179 133.7 12.3 18.5#



#73

Carbazole

Concen: 2.100 ng

RT: 11.610 min Scan# 1619

Delta R.T. 0.053 min

Lab File: BF134630.D

Acq: 04 Aug 2023 13:49

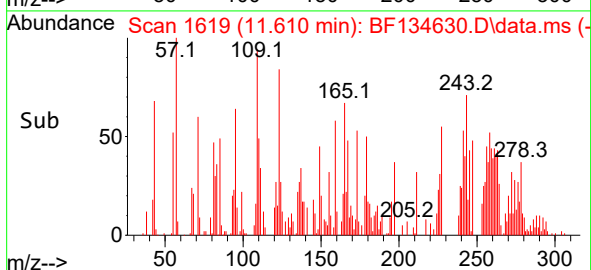
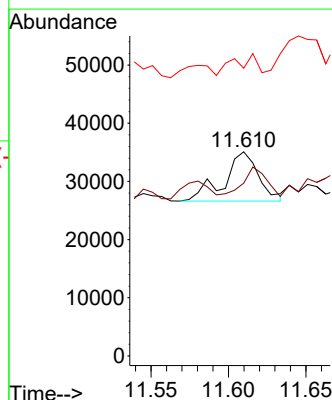
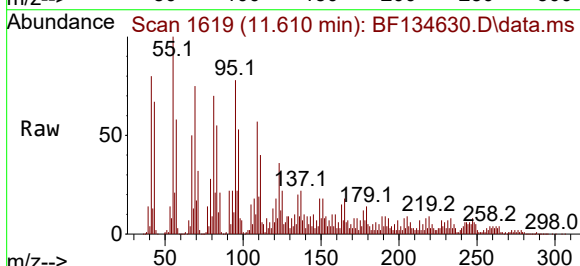
Tgt Ion:167 Resp: 13128

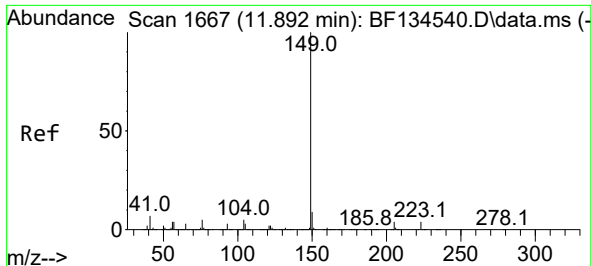
Ion Ratio Lower Upper

167 100

166 84.6 17.5 26.3#

139 140.9 11.0 16.4#

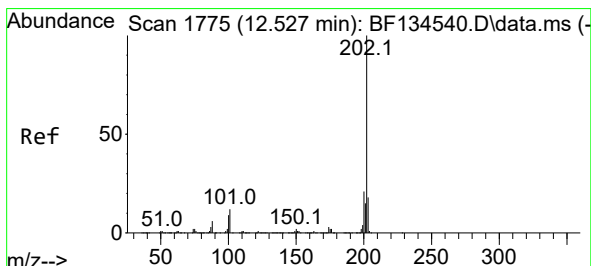
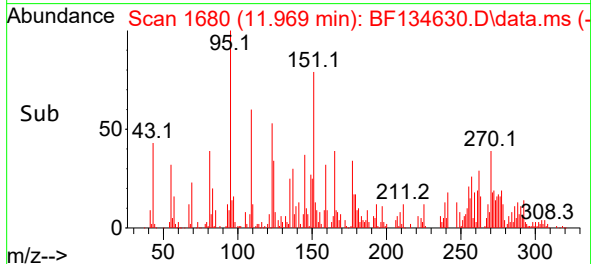
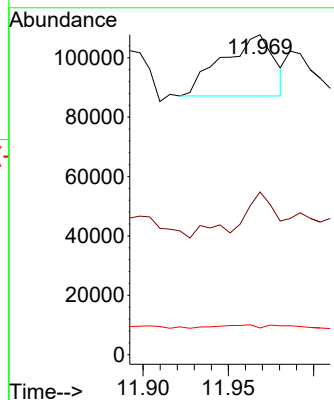
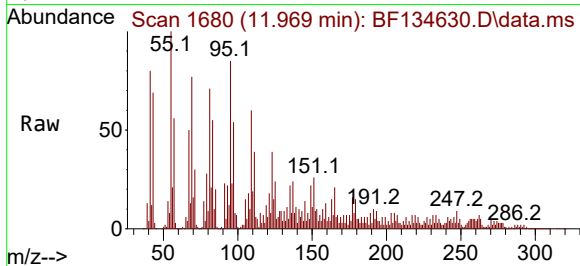




#74
Di-n-butylphthalate
Concen: 6.487 ng
RT: 11.969 min Scan# 1
Delta R.T. 0.071 min
Lab File: BF134630.D
Acq: 04 Aug 2023 13:49

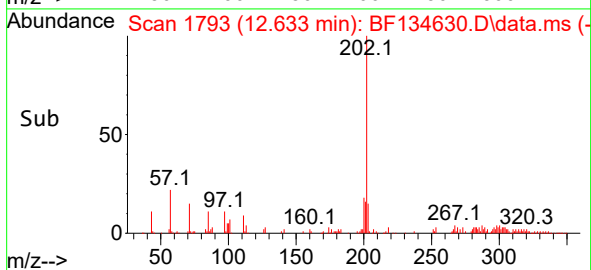
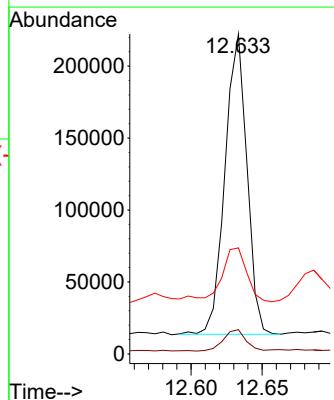
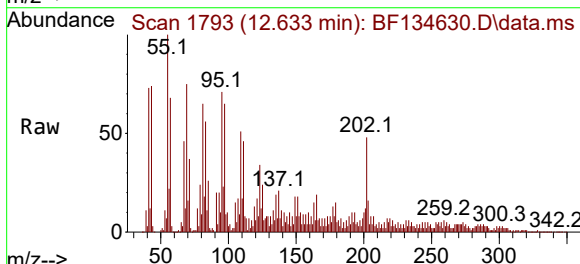
Instrument :
BNA_F
ClientSampleId :
WC-1

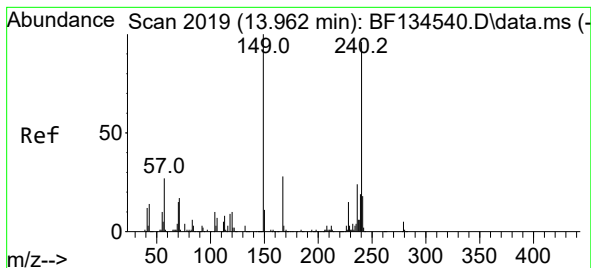
Tgt Ion:149 Resp: 43076
Ion Ratio Lower Upper
149 100
150 50.8 7.2 10.8#
104 8.4 3.8 5.8#



#75
Fluoranthene
Concen: 30.852 ng
RT: 12.633 min Scan# 1793
Delta R.T. 0.094 min
Lab File: BF134630.D
Acq: 04 Aug 2023 13:49

Tgt Ion:202 Resp: 223353
Ion Ratio Lower Upper
202 100
101 7.6 0.0 28.5
203 33.1 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2019

Delta R.T. 0.059 min

Lab File: BF134630.D

Acq: 04 Aug 2023 13:49

Instrument :

BNA_F

ClientSampleId :

WC-1

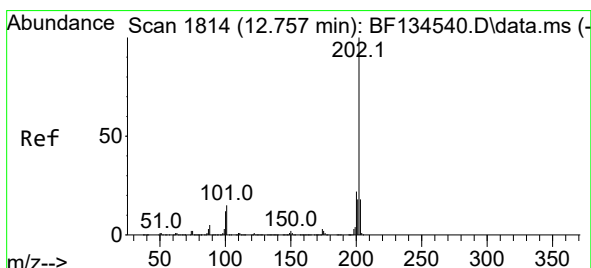
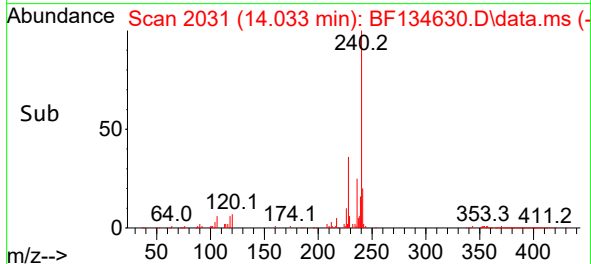
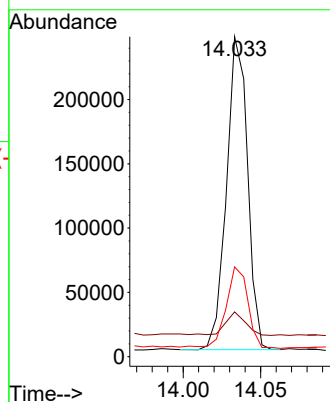
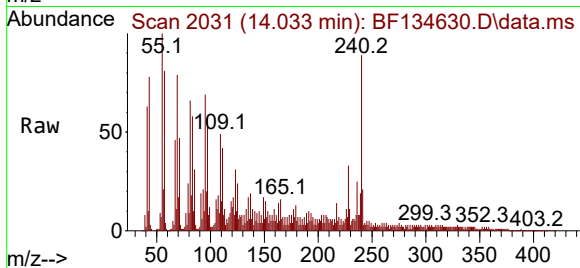
Tgt Ion:240 Resp: 230009

Ion Ratio Lower Upper

240 100

120 14.0 6.6 10.0#

236 28.1 20.2 30.2



#78

Pyrene

Concen: 10.582 ng

RT: 12.863 min Scan# 1832

Delta R.T. 0.094 min

Lab File: BF134630.D

Acq: 04 Aug 2023 13:49

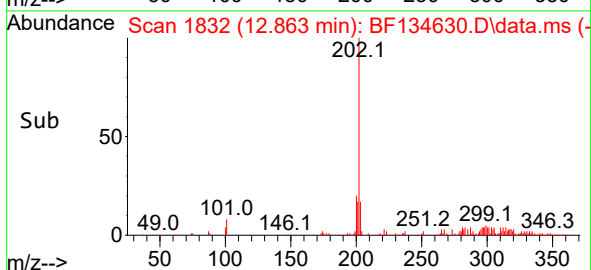
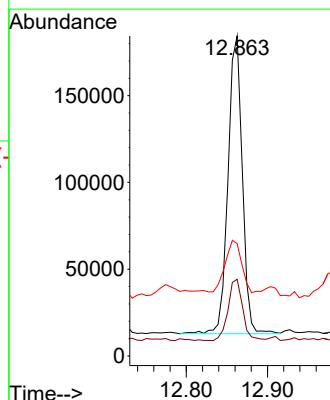
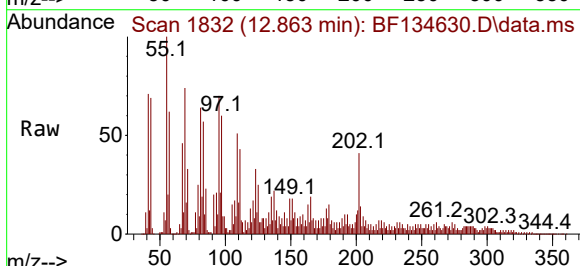
Tgt Ion:202 Resp: 210616

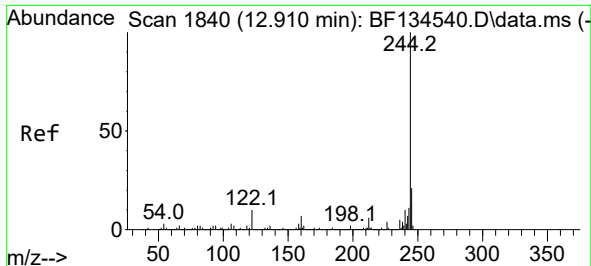
Ion Ratio Lower Upper

202 100

200 24.0 15.8 23.8#

203 35.1 13.5 20.3#

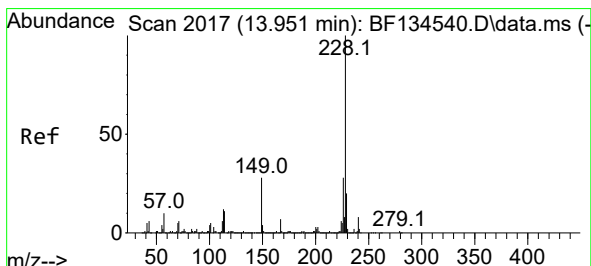
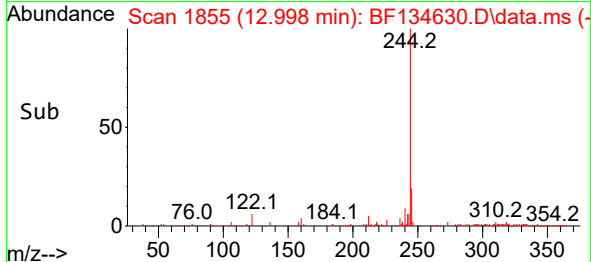
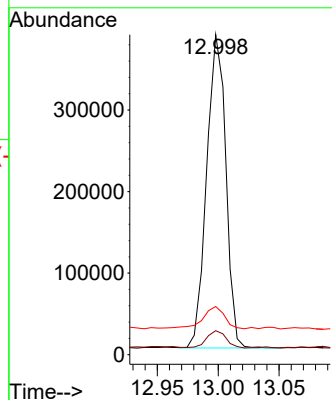
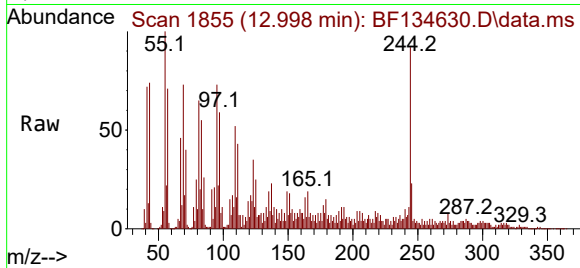




#79
 Terphenyl-d14
 Concen: 32.224 ng
 RT: 12.998 min Scan# 1855
 Delta R.T. 0.077 min
 Lab File: BF134630.D
 Acq: 04 Aug 2023 13:49

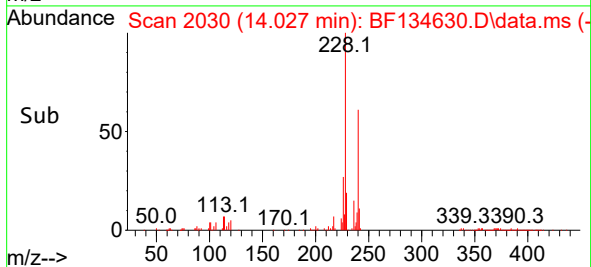
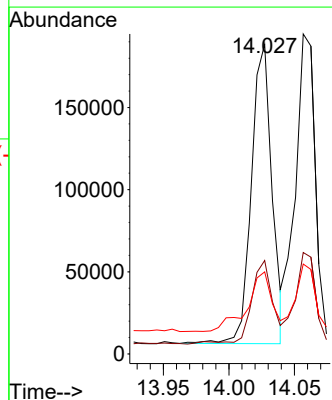
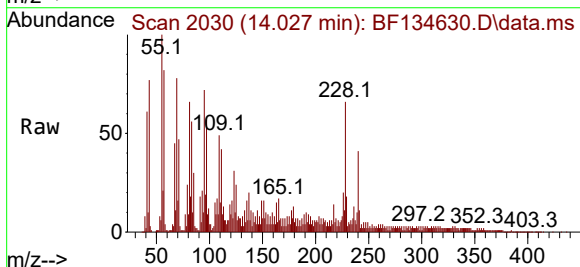
Instrument :
 BNA_F
 ClientSampleId :
 WC-1

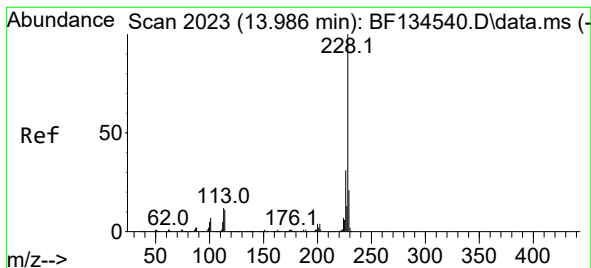
Tgt Ion:244 Resp: 420441
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.6 8.4
 122 15.1 8.0 12.0#



#81
 Benzo(a)anthracene
 Concen: 12.099 ng
 RT: 14.027 min Scan# 2030
 Delta R.T. 0.065 min
 Lab File: BF134630.D
 Acq: 04 Aug 2023 13:49

Tgt Ion:228 Resp: 198984
 Ion Ratio Lower Upper
 228 100
 226 30.2 22.3 33.5
 229 26.5 15.8 23.6#





#83

Chrysene

Concen: 12.589 ng

RT: 14.057 min Scan# 2026

Delta R.T. 0.059 min

Lab File: BF134630.D

Acq: 04 Aug 2023 13:49

Instrument :

BNA_F

ClientSampleId :

WC-1

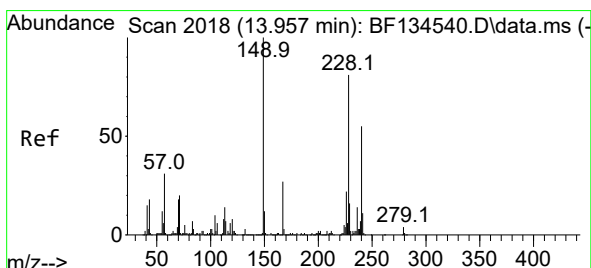
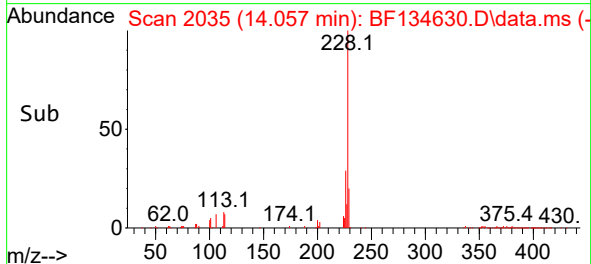
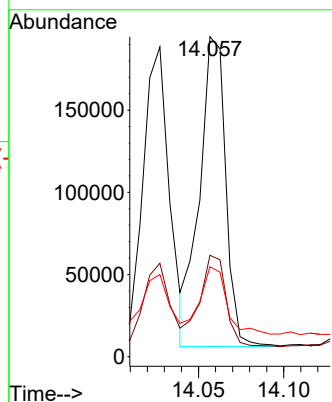
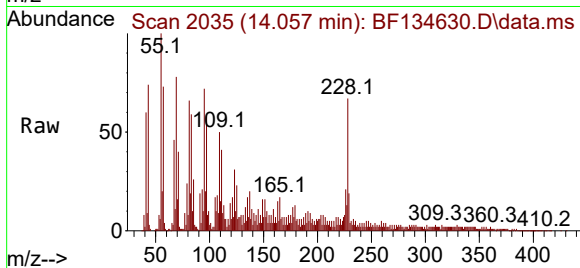
Tgt Ion:228 Resp: 201725

Ion Ratio Lower Upper

228 100

226 31.7 24.5 36.7

229 28.1 15.8 23.8#



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.687 ng

RT: 14.004 min Scan# 2026

Delta R.T. 0.041 min

Lab File: BF134630.D

Acq: 04 Aug 2023 13:49

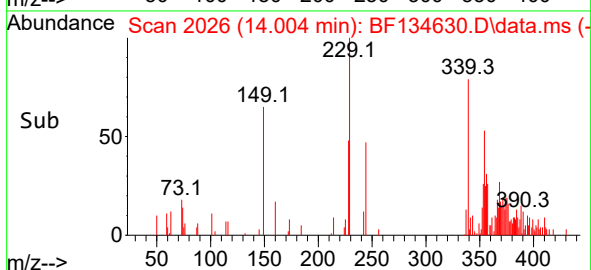
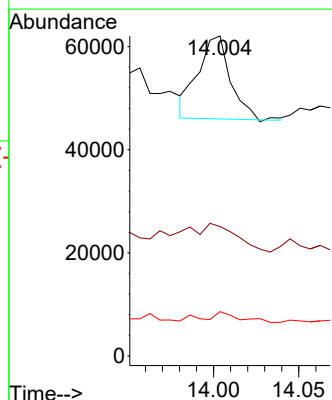
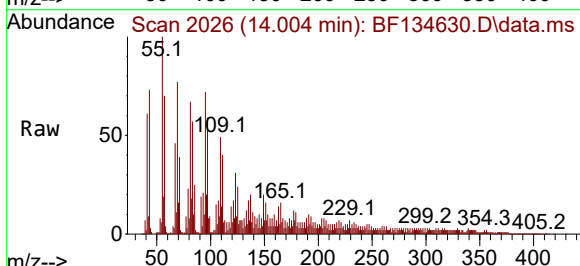
Tgt Ion:149 Resp: 21278

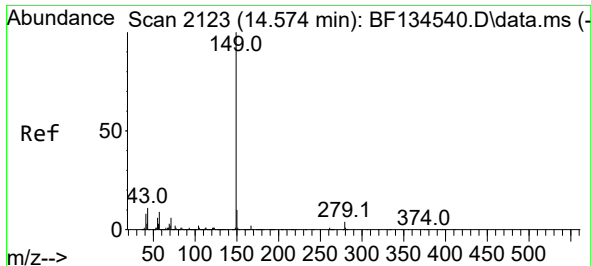
Ion Ratio Lower Upper

149 100

167 40.4 21.6 32.4#

279 13.9 3.5 5.3#

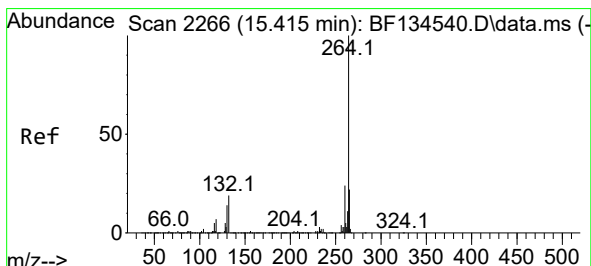
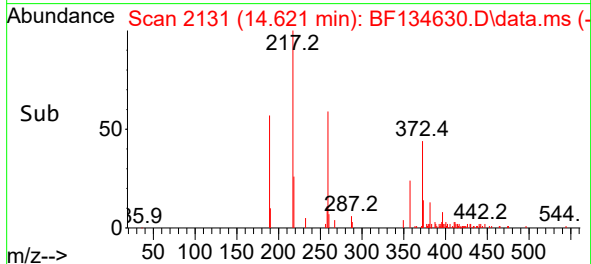
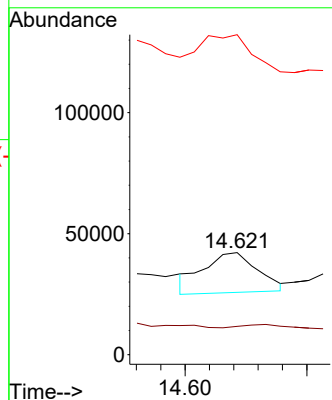
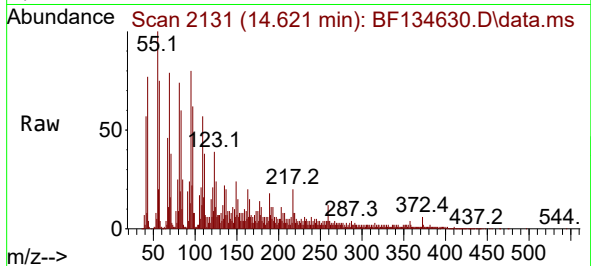




#85
Di-n-octyl phthalate
Concen: 2.129 ng
RT: 14.621 min Scan# 2123
Delta R.T. 0.041 min
Lab File: BF134630.D
Acq: 04 Aug 2023 13:49

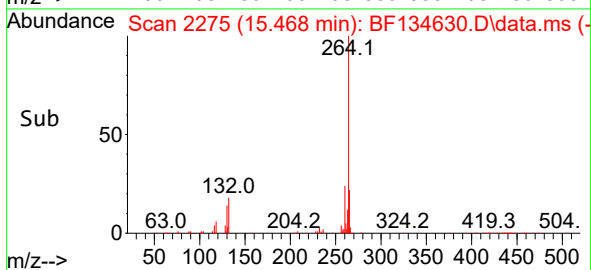
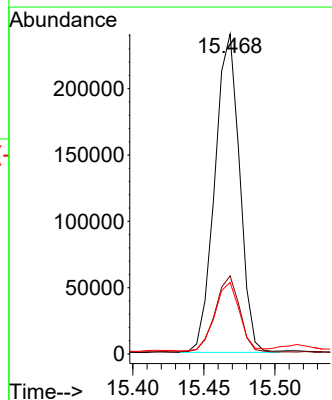
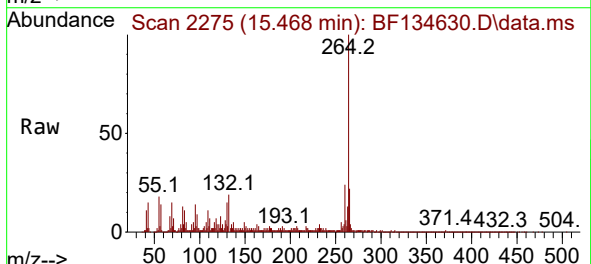
Instrument :
BNA_F
ClientSampleId :
WC-1

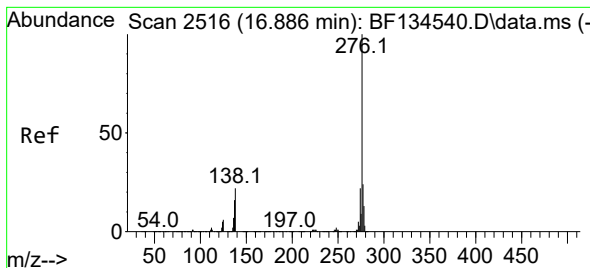
Tgt Ion:149 Resp: 25639
Ion Ratio Lower Upper
149 100
167 8.9 1.2 1.8#
43 0.0 8.1 12.1#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 2275
Delta R.T. 0.030 min
Lab File: BF134630.D
Acq: 04 Aug 2023 13:49

Tgt Ion:264 Resp: 290992
Ion Ratio Lower Upper
264 100
260 24.4 18.4 27.6
265 22.4 15.8 23.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 7.976 ng

RT: 16.933 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF134630.D

Acq: 04 Aug 2023 13:49

Instrument :

BNA_F

ClientSampleId :

WC-1

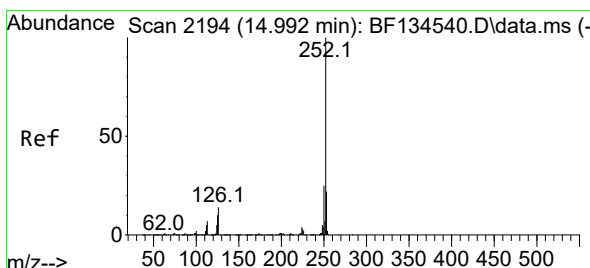
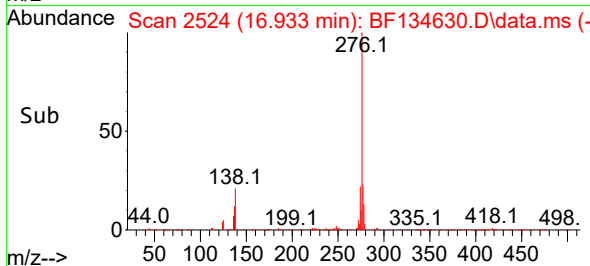
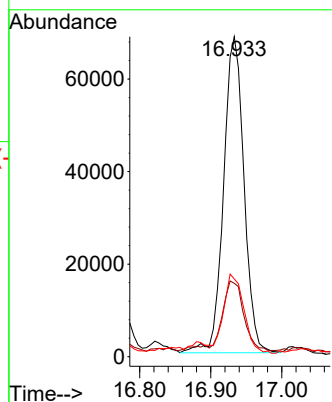
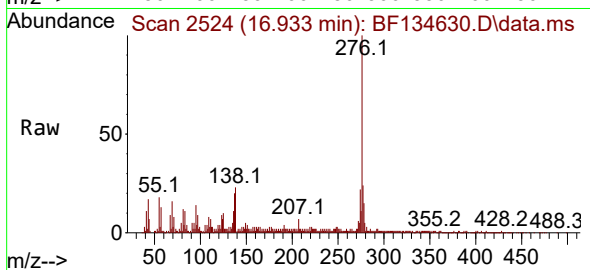
Tgt Ion:276 Resp: 136508

Ion Ratio Lower Upper

276 100

138 25.2 14.2 21.4#

277 24.6 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 23.771 ng

RT: 15.045 min Scan# 2203

Delta R.T. 0.035 min

Lab File: BF134630.D

Acq: 04 Aug 2023 13:49

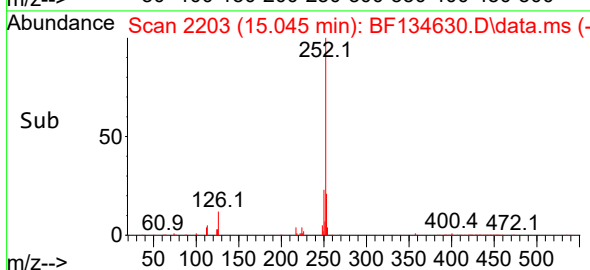
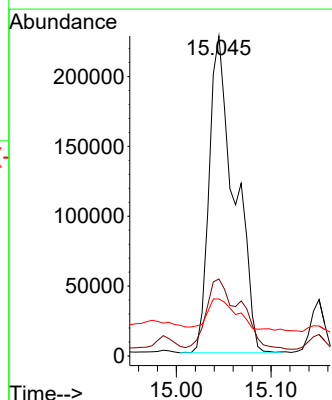
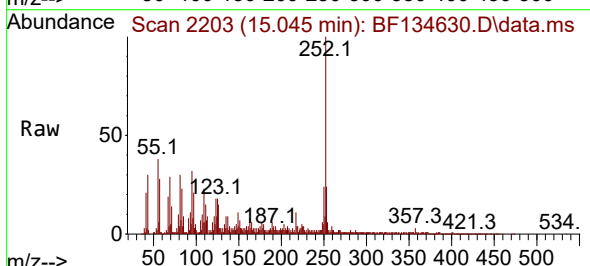
Tgt Ion:252 Resp: 421876

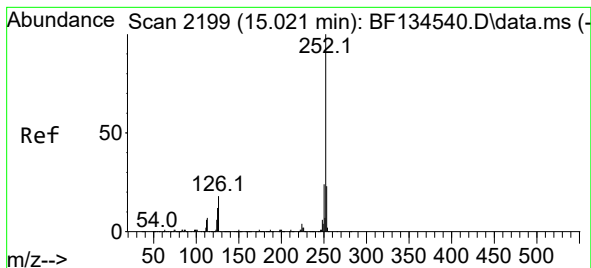
Ion Ratio Lower Upper

252 100

253 24.0 17.3 25.9

125 17.8 6.0 9.0#





#89

Benzo(k)fluoranthene

Concen: 23.863 ng

RT: 15.045 min Scan# 2199

Delta R.T. 0.006 min

Lab File: BF134630.D

Acq: 04 Aug 2023 13:49

Instrument :

BNA_F

ClientSampleId :

WC-1

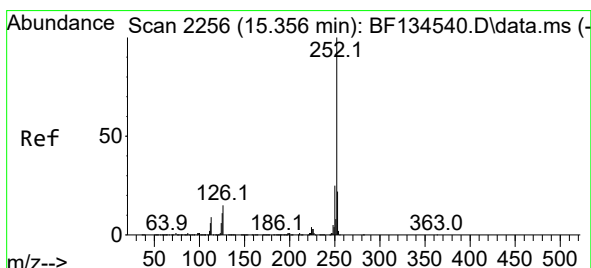
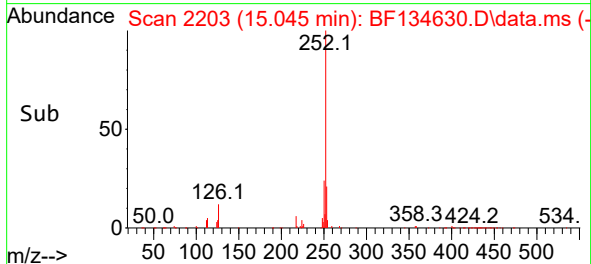
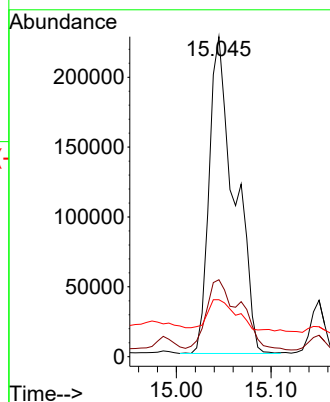
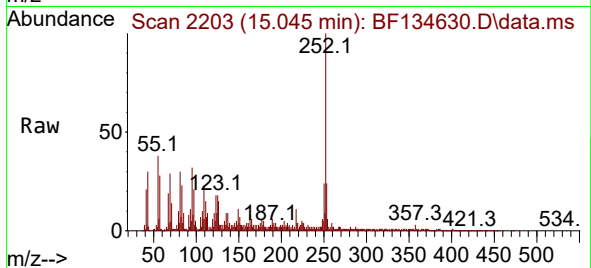
Tgt Ion:252 Resp: 421876

Ion Ratio Lower Upper

252 100

253 24.0 17.9 26.9

125 17.8 6.3 9.5#



#90

Benzo(a)pyrene

Concen: 12.525 ng

RT: 15.404 min Scan# 2264

Delta R.T. 0.024 min

Lab File: BF134630.D

Acq: 04 Aug 2023 13:49

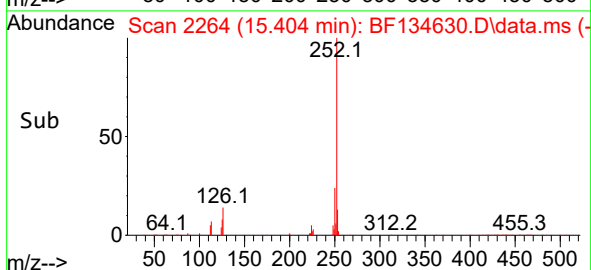
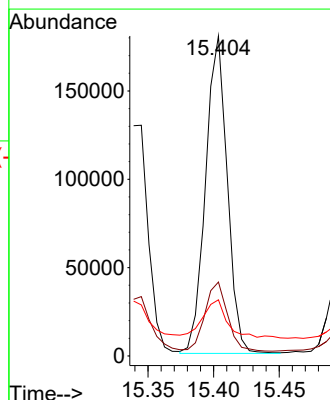
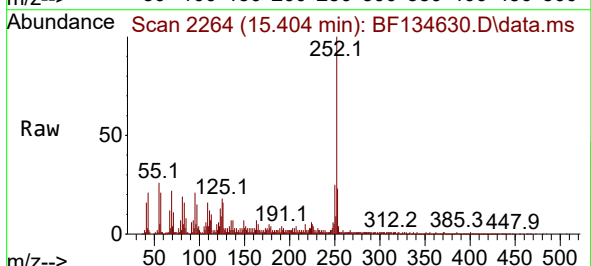
Tgt Ion:252 Resp: 207253

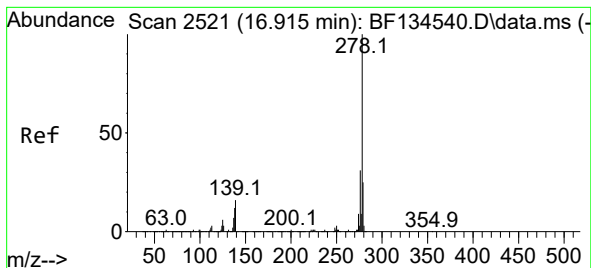
Ion Ratio Lower Upper

252 100

253 23.1 17.0 25.4

125 17.5 6.2 9.4#





#91

Dibenzo(a,h)anthracene

Concen: 2.504 ng

RT: 16.951 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF134630.D

Acq: 04 Aug 2023 13:49

Instrument :

BNA_F

ClientSampleId :

WC-1

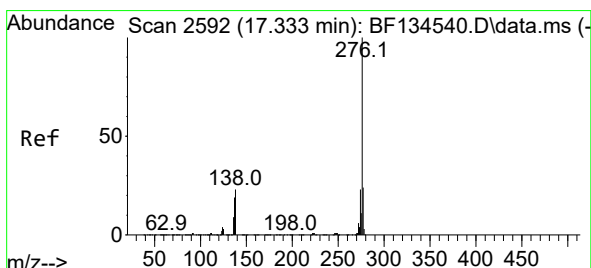
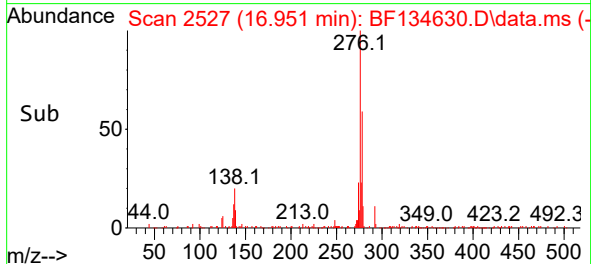
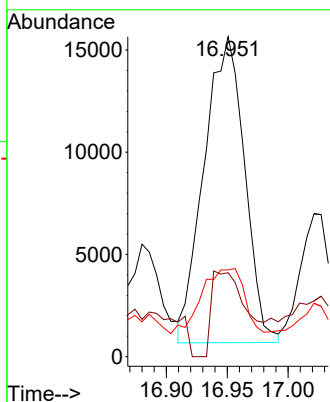
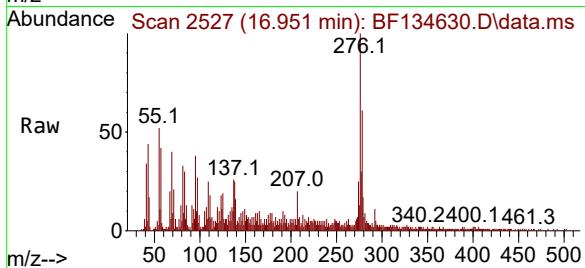
Tgt Ion:278 Resp: 34635

Ion Ratio Lower Upper

278 100

139 26.2 10.0 15.0#

279 27.1 19.7 29.5



#92

Benzo(g,h,i)perylene

Concen: 9.311 ng

RT: 17.380 min Scan# 2600

Delta R.T. 0.006 min

Lab File: BF134630.D

Acq: 04 Aug 2023 13:49

Tgt Ion:276 Resp: 131367

Ion Ratio Lower Upper

276 100

277 23.4 19.0 28.6

138 24.8 12.2 18.2#

