

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100120\
 Data File : BF121779.D
 Acq On : 1 Oct 2020 21:20
 Operator : JU/CG
 Sample : L4193-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-12(9-11)

Quant Time: Oct 02 00:39:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 01 14:29:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	119873	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	420059	20.00	ng	0.00
39) Acenaphthene-d10	9.82	164	174092	20.00	ng	0.00
64) Phenanthrene-d10	11.30	188	295601	20.00	ng	0.00
76) Chrysene-d12	13.94	240	278877	20.00	ng	0.00
86) Perylene-d12	15.38	264	254740	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	643572	79.79	ng	0.00
7) Phenol-d6	6.42	99	797943	75.40	ng	0.00
23) Nitrobenzene-d5	7.34	82	520788	66.57	ng	0.00
42) 2,4,6-Tribromophenol	10.60	330	156717	72.43	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	795685	69.22	ng	0.00
79) Terphenyl-d14	12.88	244	712488	51.76	ng	0.00

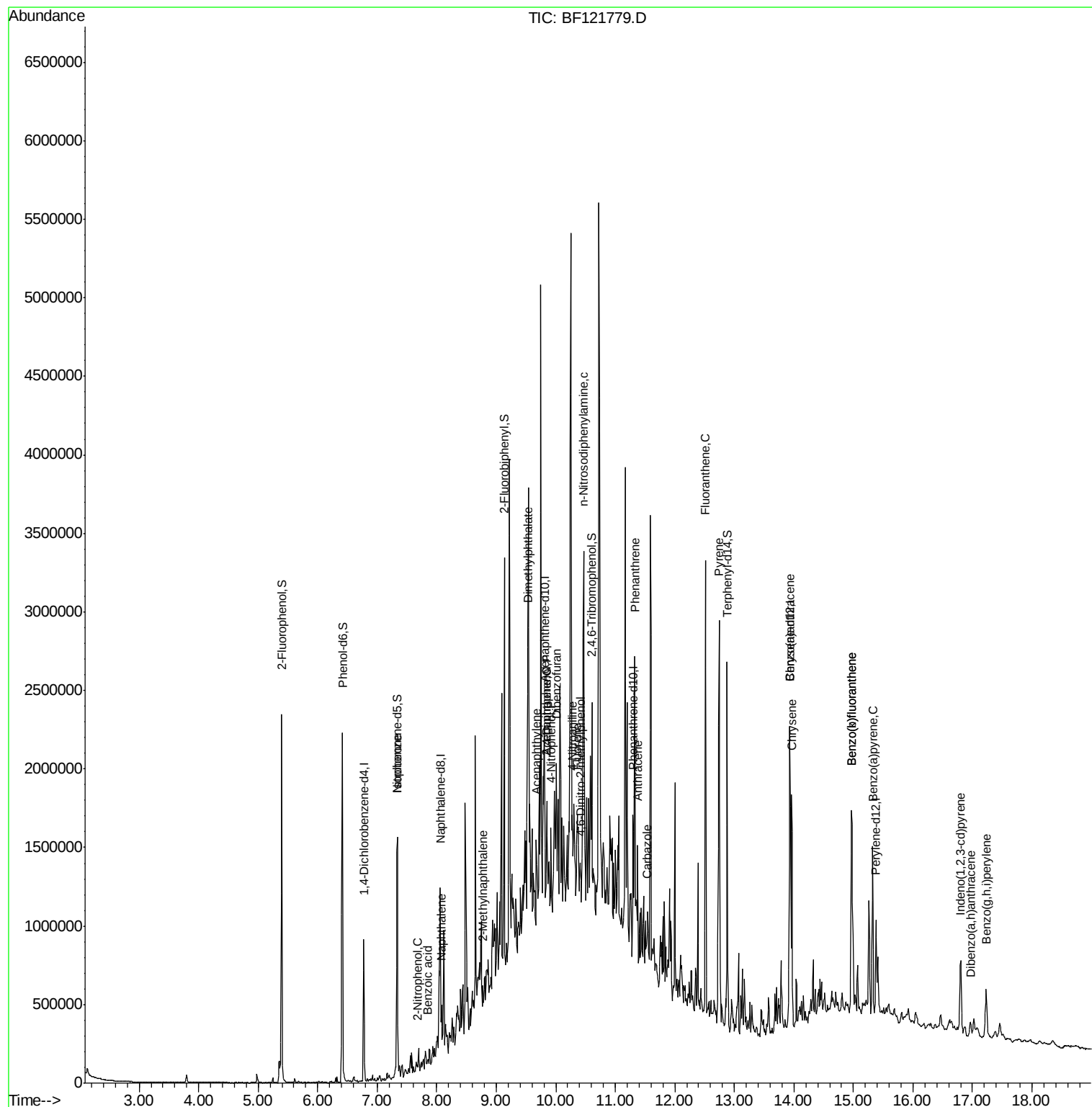
Target Compounds				Qvalue		
25) Isophorone	7.34	82	517158	32.838	ng	# 67
26) 2-Nitrophenol	7.67	139	1038	2.806	ng	# 1
31) Naphthalene	8.08	128	104724	4.723	ng	# 99
32) Benzoic acid	7.85	122	2684	7.373	ng	# 48
37) 2-Methylnaphthalene	8.77	142	29217	2.011	ng	# 98
49) Acenaphthylene	9.67	152	71527	4.239	ng	# 89
50) Dimethylphthalate	9.53	163	61871	4.903	ng	# 84
52) Acenaphthene	9.85	154	49868	4.679	ng	# 99
54) 2,4-Dinitrophenol	9.85	184	248	9.190	ng	# 1
55) Dibenzofuran	10.02	168	50039	3.334	ng	# 89
56) 4-Nitrophenol	9.92	139	7294	2.938	ng	# 1
58) Fluorene	10.36	166	65833	5.735	ng	# 97
62) 4-Nitroaniline	10.27	138	7022	2.272	ng	# 83
65) 4,6-Dinitro-2-methylphenol	10.43	198	1125	7.384	ng	# 1
66) n-Nitrosodiphenylamine	10.47	169	65094	6.419	ng	# 58
71) Phenanthrene	11.33	178	685689	42.575	ng	# 99
72) Anthracene	11.37	178	219492	13.206	ng	# 99
73) Carbazole	11.53	167	77157	5.144	ng	# 95
75) Fluoranthene	12.52	202	1176055	68.405	ng	# 99
78) Pvrene	12.75	202	1083269	53.165	ng	# 100
81) Benzo(a)anthracene	13.93	228	697850	39.554	ng	# 97
83) Chrysene	13.96	228	579442	32.433	ng	# 98
87) Indeno(1,2,3-cd)pyrene	16.80	276	293713	17.705	ng	# 94
88) Benzo(b)fluoranthene	14.97	252	1009137	59.258	ng	# 98
89) Benzo(k)fluoranthene	14.97	252	1009137	64.710	ng	# 97
90) Benzo(a)pyrene	15.32	252	517927	35.779	ng	# 95
91) Dibenzo(a,h)anthracene	16.97	278	63486	4.597	ng	# 93
92) Benzo(g,h,i)perylene	17.23	276	262682	19.351	ng	# 99

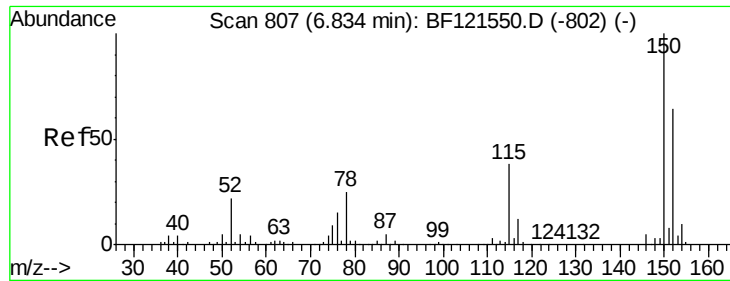
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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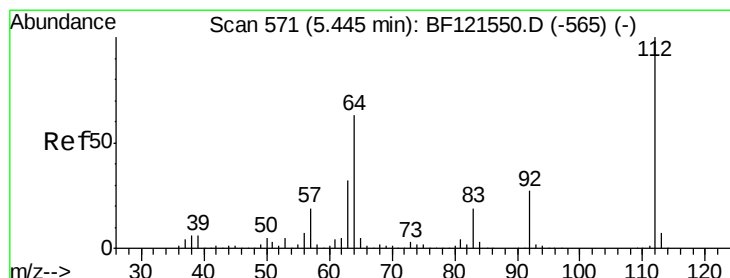
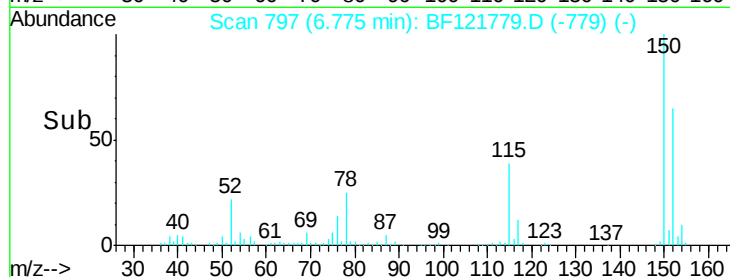
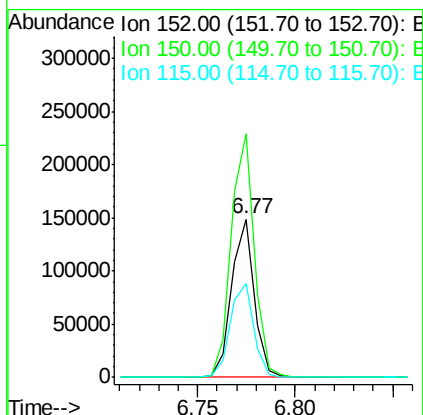
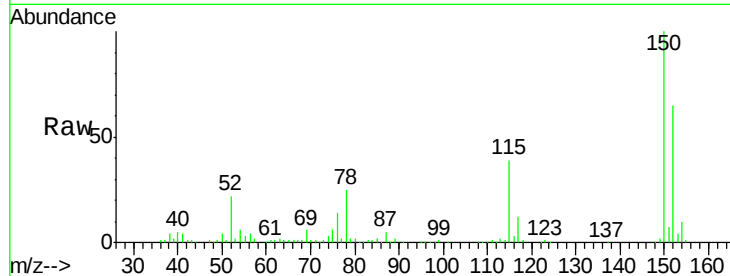


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. 0.01 min
Lab File: BF121779.D
Acq: 1 Oct 2020 21:20

Instrument :
BNA_F
ClientSampleId :
B-12(9-11)

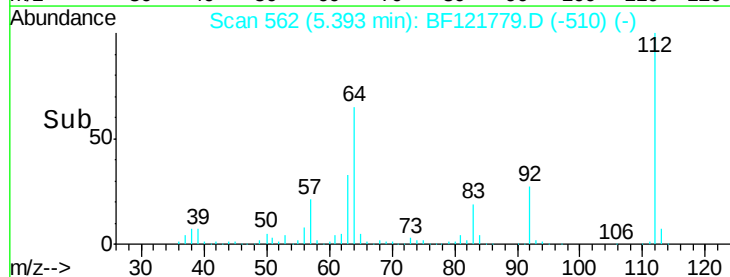
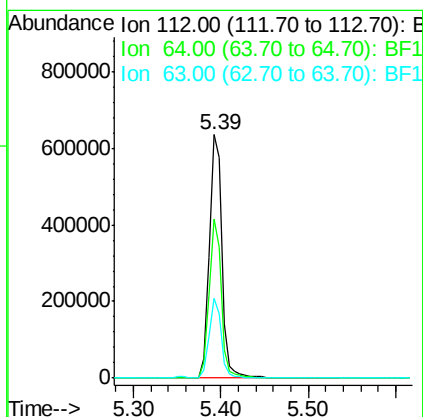
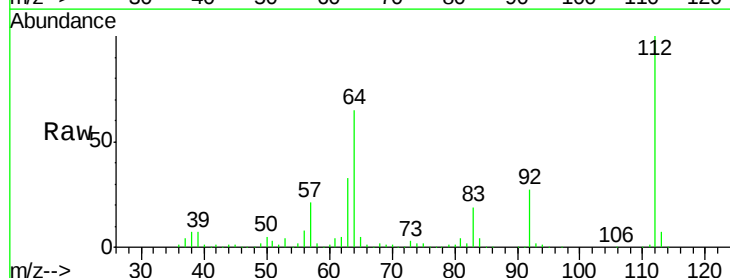
Tot Ion:152 Resp: 119873
Ion Ratio Lower Upper
152 100
150 153.6 125.3 187.9
115 59.4 51.9 77.9

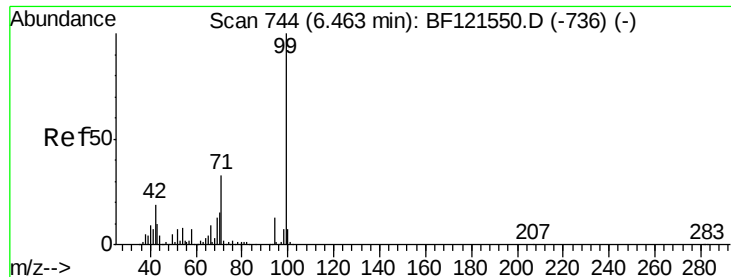


#5

2-Fluorophenol
Concen: 79.787 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF121779.D
Acq: 1 Oct 2020 21:20

Tgt Ion:112 Resp: 643572
Ion Ratio Lower Upper
112 100
64 65.5 50.4 75.6
63 33.0 25.8 38.6





#7

Phenol-d6

Concen: 75.404 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF121779.D

Acq: 1 Oct 2020 21:20

Instrument :

BNA_F

ClientSampleId :

B-12(9-11)

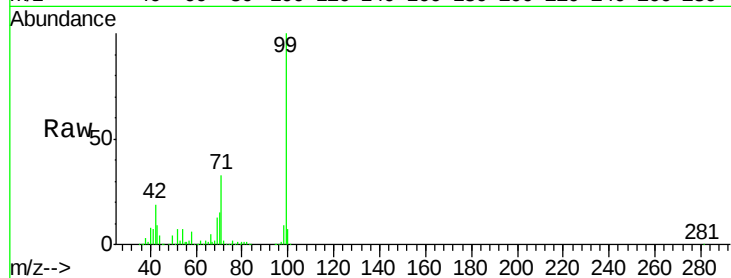
Tot Ion: 99 Resp: 797943

Ion Ratio Lower Upper

99 100

42 19.0 15.9 23.9

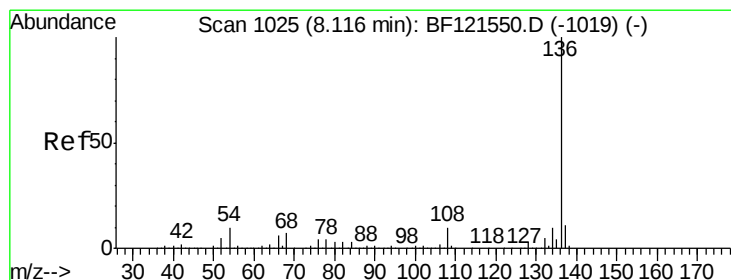
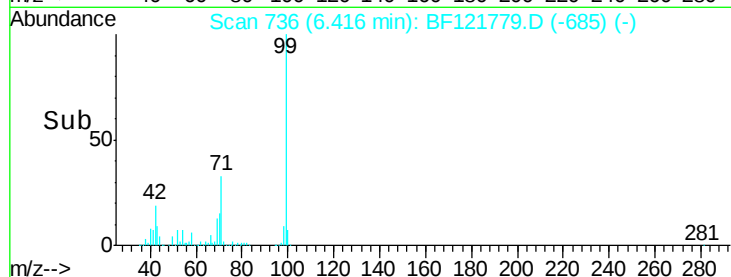
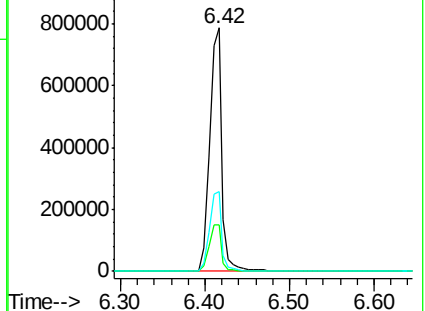
71 32.9 27.1 40.7



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1015

Delta R.T. 0.00 min

Lab File: BF121779.D

Acq: 1 Oct 2020 21:20

Tgt Ion: 136 Resp: 420059

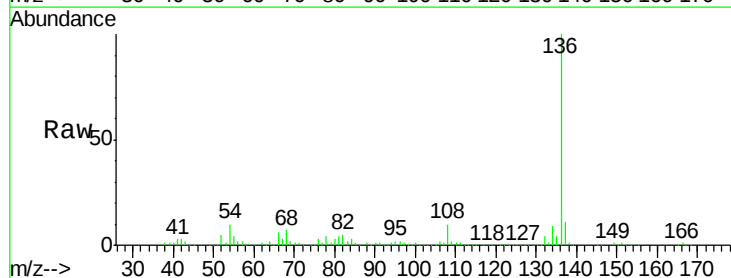
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 9.6 7.1 10.7

68 7.4 5.0 7.4

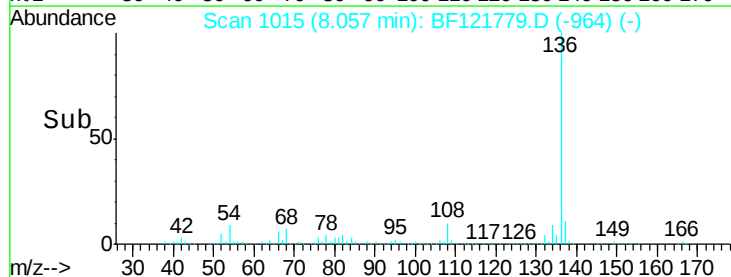
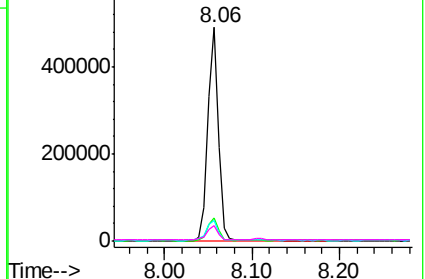


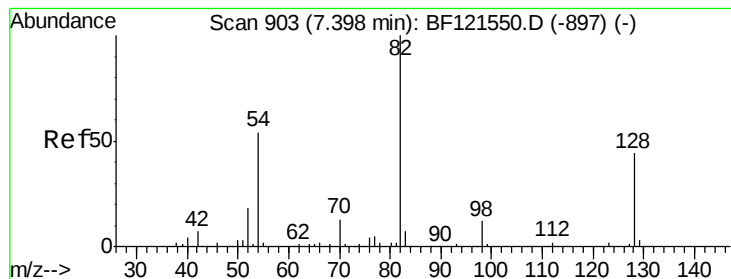
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





#23

Nitrobenzene-d5

Concen: 66.567 ng

RT: 7.34 min Scan# 893

Delta R.T. 0.00 min

Lab File: BF121779.D

Acq: 1 Oct 2020 21:20

Instrument :

BNA_F

ClientSampleId :

B-12(9-11)

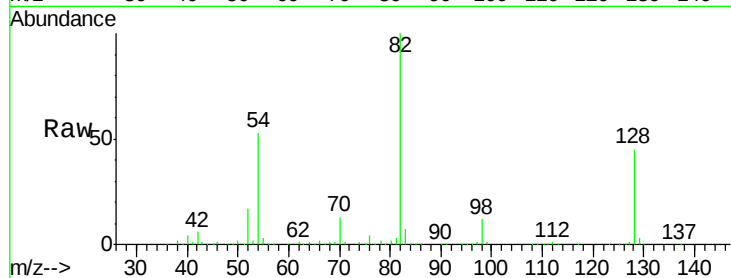
Tot Ion: 82 Resp: 520788

Ion Ratio Lower Upper

82 100

128 45.3 35.0 52.4

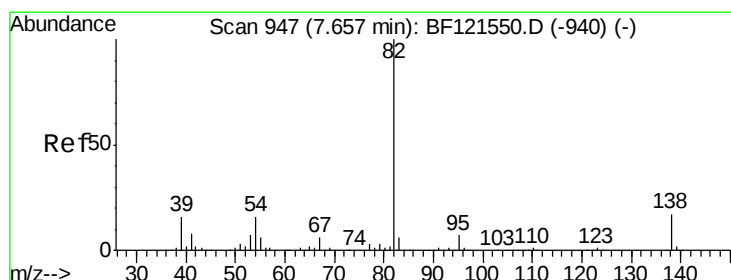
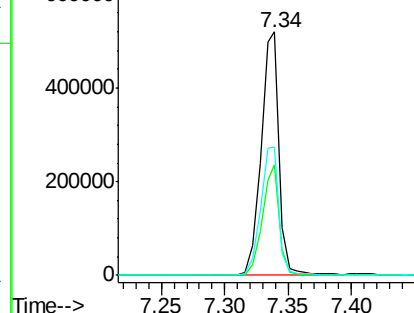
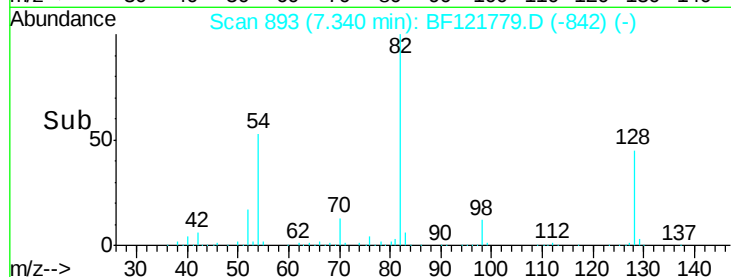
54 52.7 43.9 65.9



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 32.838 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.26 min

Lab File: BF121779.D

Acq: 1 Oct 2020 21:20

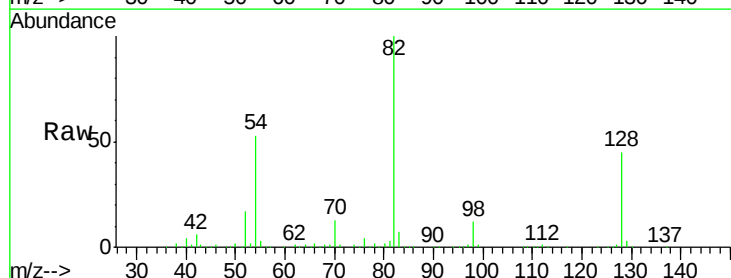
Tgt Ion: 82 Resp: 517158

Ion Ratio Lower Upper

82 100

95 0.3 5.4 8.0#

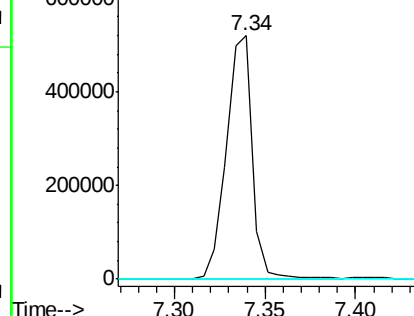
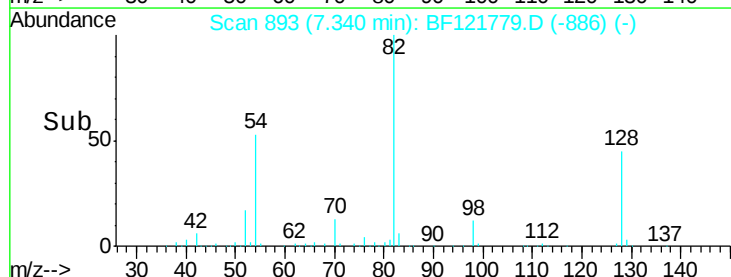
138 0.0 13.4 20.0#

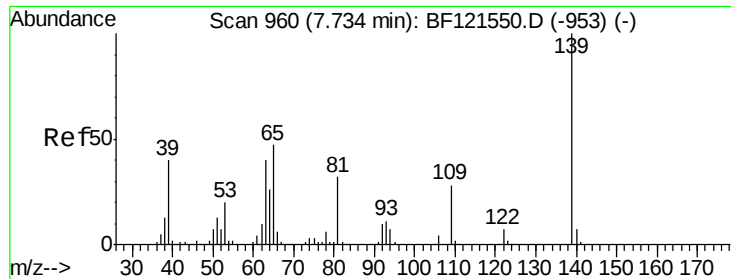


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

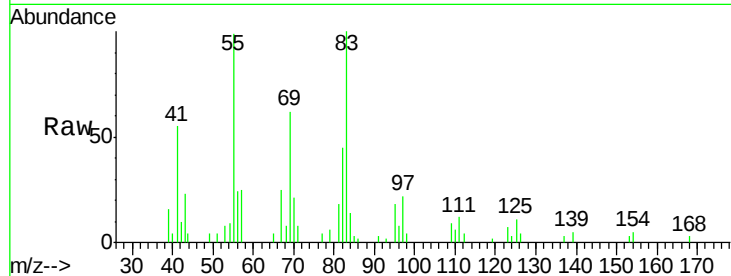




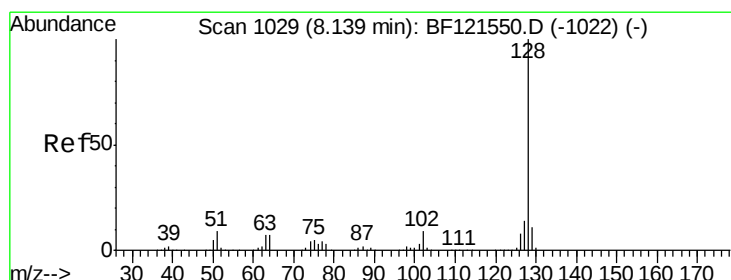
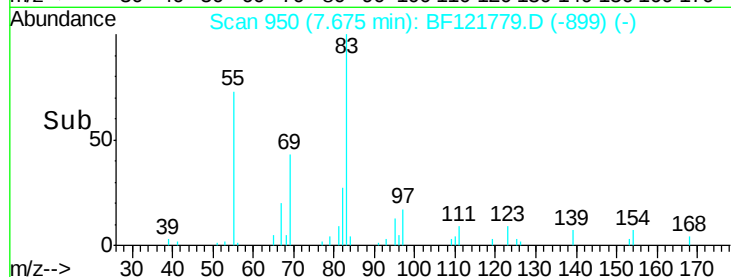
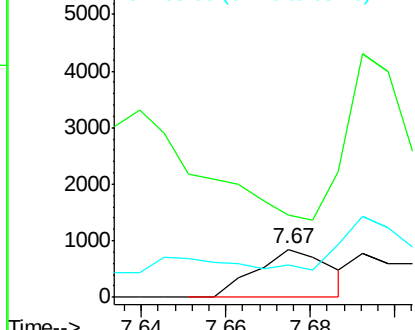
#26
2-Nitrophenol
Concen: 2.806 ng
RT: 7.67 min Scan# 950
Delta R.T. 0.00 min
Lab File: BF121779.D
Acq: 1 Oct 2020 21:20

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Tot Ion	Ratio	Lower	Upper
139	100		
109	169.5	23.0	34.4#
65	66.2	39.9	59.9#

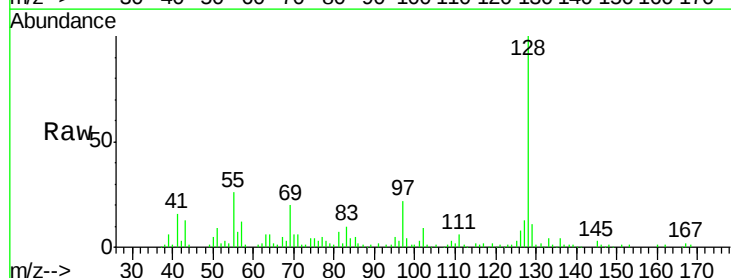


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

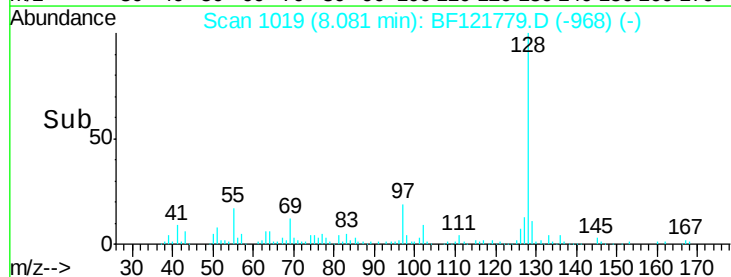
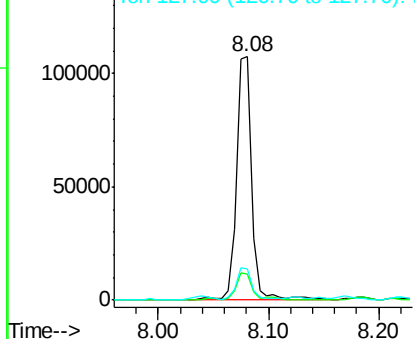


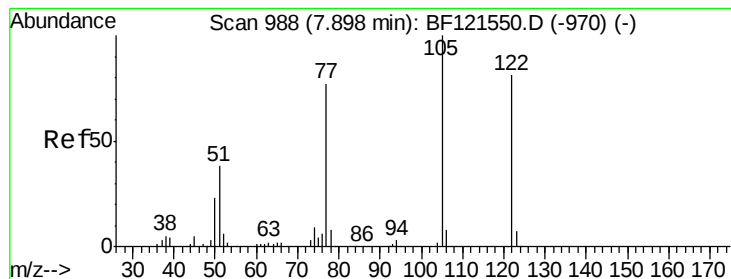
#31
Naphthalene
Concen: 4.723 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF121779.D
Acq: 1 Oct 2020 21:20

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.7	13.1
127	12.9	10.8	16.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 7.373 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF121779.D

Acq: 1 Oct 2020 21:20

Instrument :

BNA_F

ClientSampleId :

B-12(9-11)

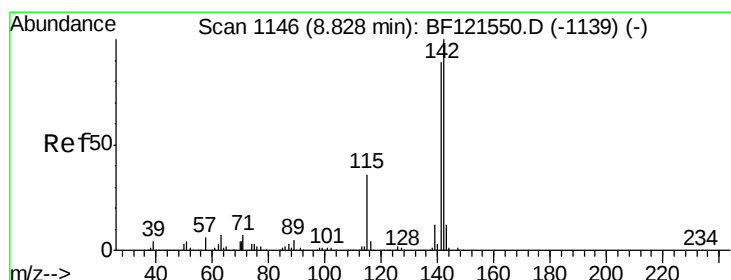
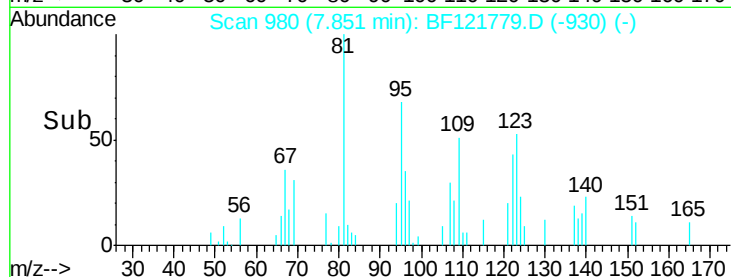
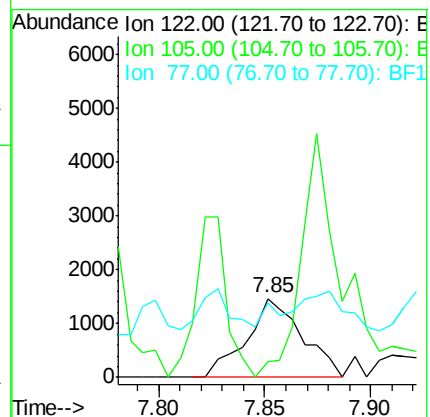
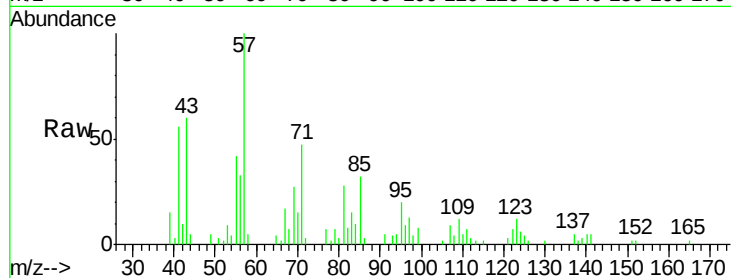
Tot Ion:122 Resp: 2684

Ion Ratio Lower Upper

122 100

105 20.7 103.3 143.3#

77 95.4 73.9 113.9



#37

2-Methylnaphthalene

Concen: 2.011 ng

RT: 8.77 min Scan# 1136

Delta R.T. 0.00 min

Lab File: BF121779.D

Acq: 1 Oct 2020 21:20

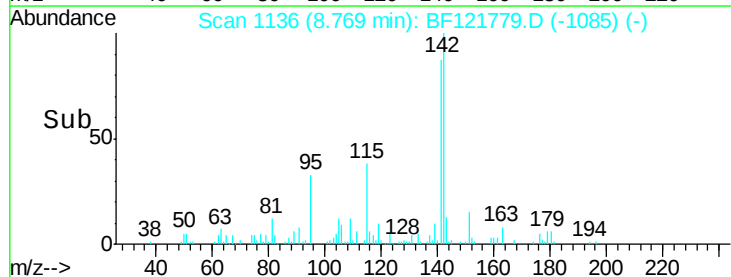
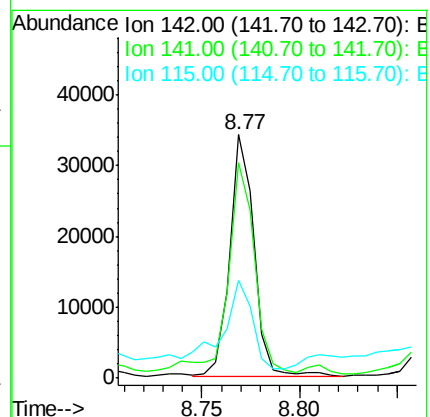
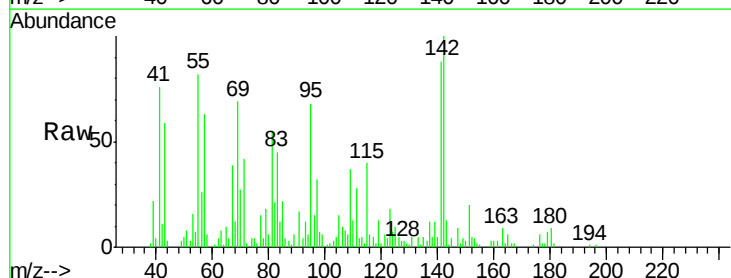
Tgt Ion:142 Resp: 29217

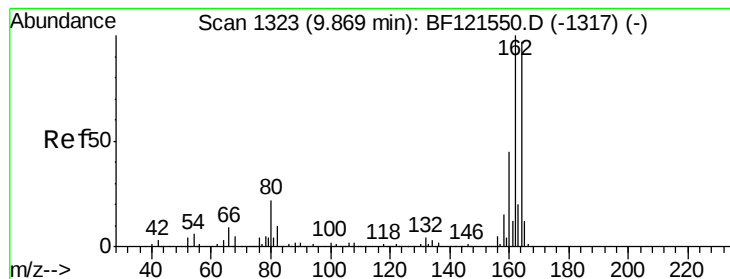
Ion Ratio Lower Upper

142 100

141 88.4 70.2 105.4

115 39.9 28.6 43.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.82 min Scan# 1314

Delta R.T. 0.01 min

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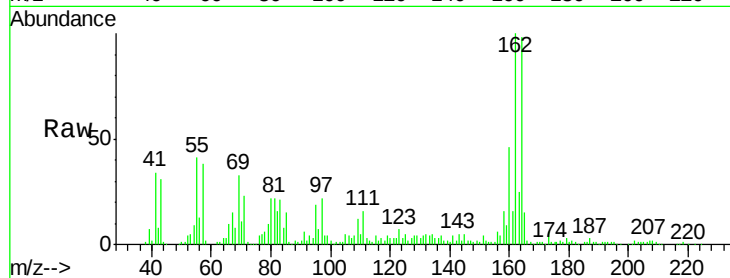
Tot Ion:164 Resp: 174092

Ion Ratio Lower Upper

164 100

162 101.7 83.2 124.8

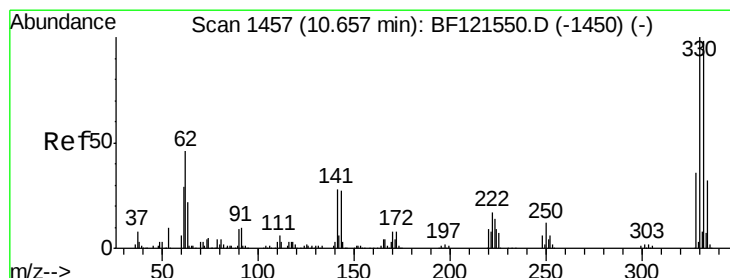
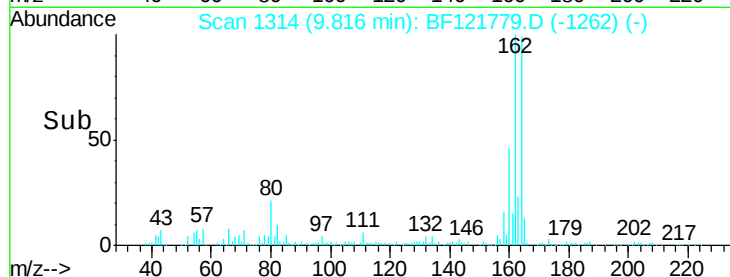
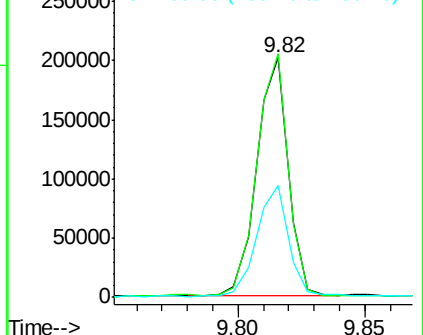
160 46.5 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 72.429 ng

RT: 10.60 min Scan# 1448

Delta R.T. 0.00 min

Lab File: BF121779.D

Acq: 1 Oct 2020 21:20

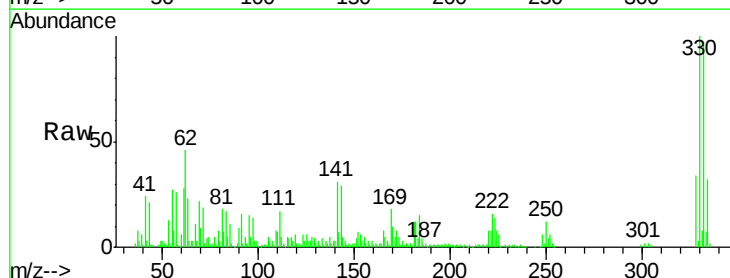
Tgt Ion:330 Resp: 156717

Ion Ratio Lower Upper

330 100

332 96.5 77.3 115.9

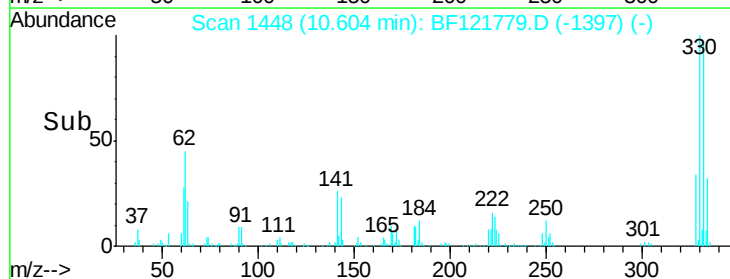
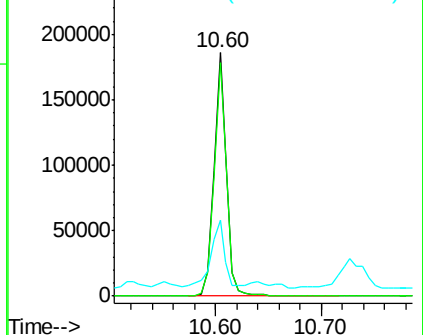
141 28.8 22.3 33.5

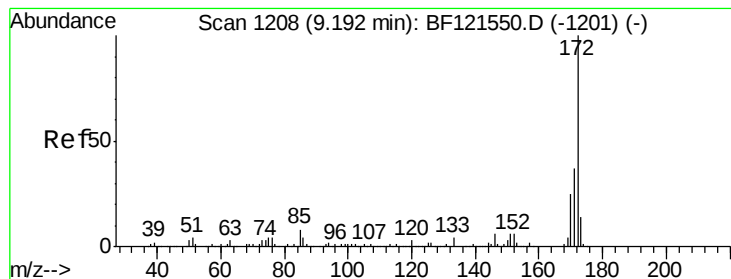


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 69.221 ng

RT: 9.13 min Scan# 1198

Delta R.T. 0.00 min

Lab File: BF121779.D

Acq: 1 Oct 2020 21:20

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B-12(9-11)

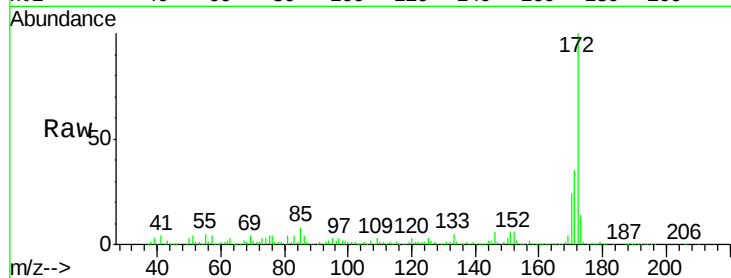
Tot Ion:172 Resp: 795685

Ion Ratio Lower Upper

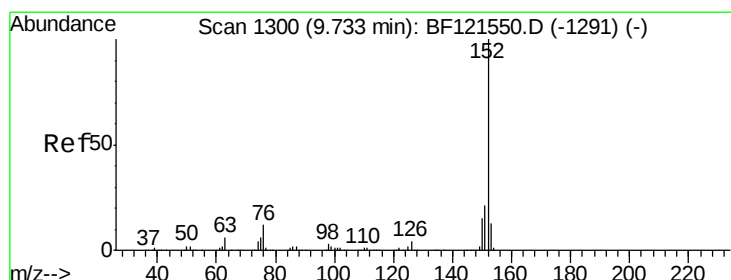
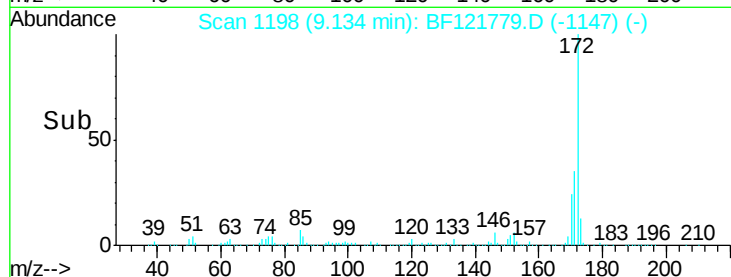
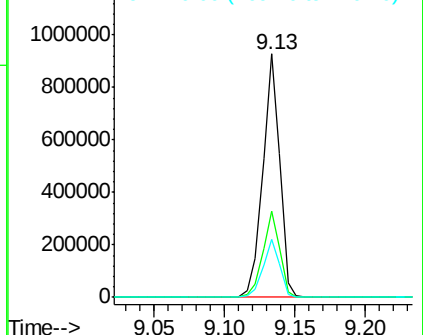
172 100

171 35.5 29.1 43.7

170 23.9 19.8 29.6



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



#49

Acenaphthylene

Concen: 4.239 ng

RT: 9.67 min Scan# 1290

Delta R.T. 0.00 min

Lab File: BF121779.D

Acq: 1 Oct 2020 21:20

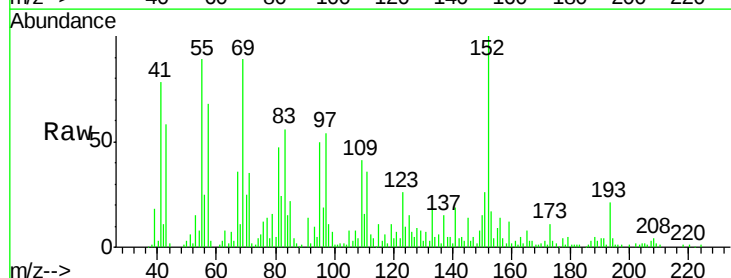
Tgt Ion:152 Resp: 71527

Ion Ratio Lower Upper

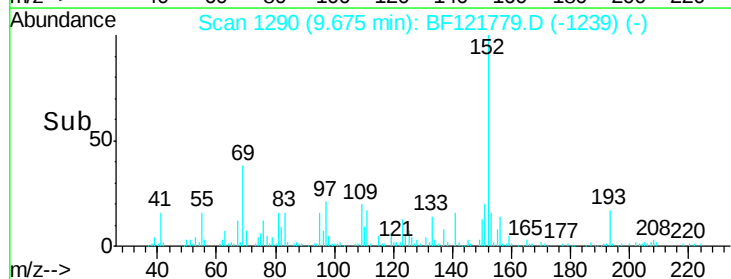
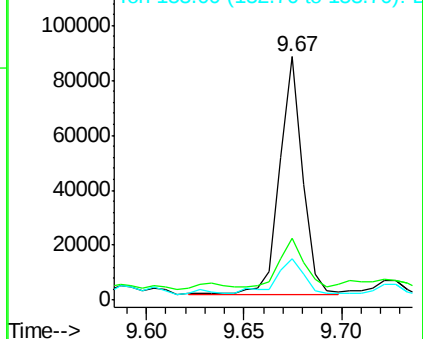
152 100

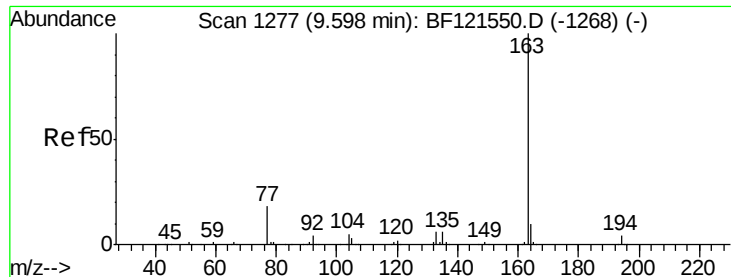
151 25.6 16.4 24.6#

153 17.1 10.6 15.8#



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

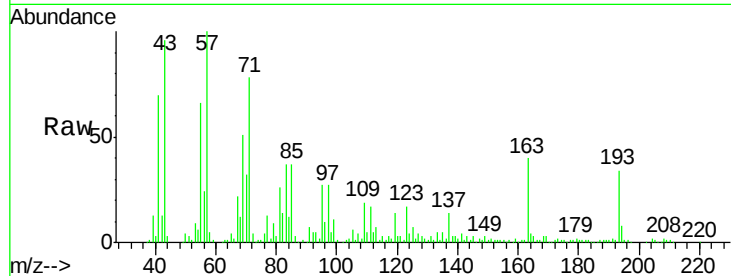




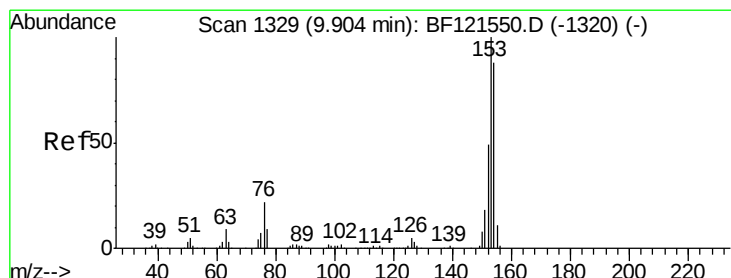
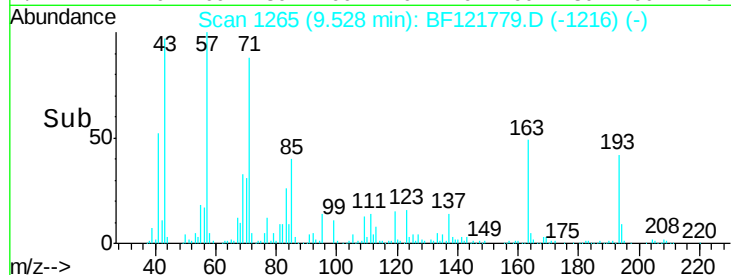
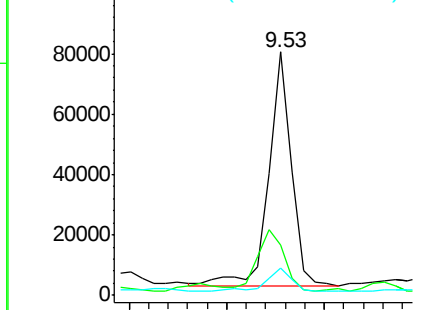
#50
Dimethylphthalate
Concen: 4.903 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF121779.D
Acq: 1 Oct 2020 21:20

Instrument :
BNA_F
ClientSampled :
B-12(9-11)

Tot Ion:163 Resp: 61871
Ion Ratio Lower Upper
163 100
194 20.6 3.3 4.9#
164 11.0 8.2 12.4

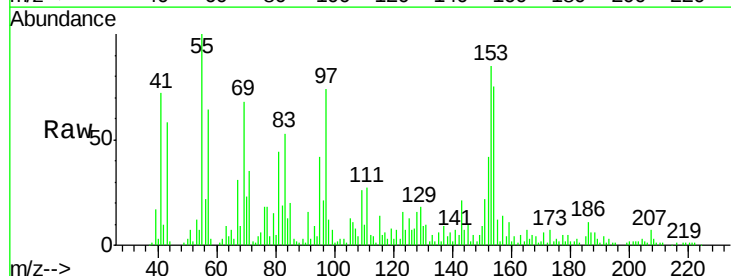


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

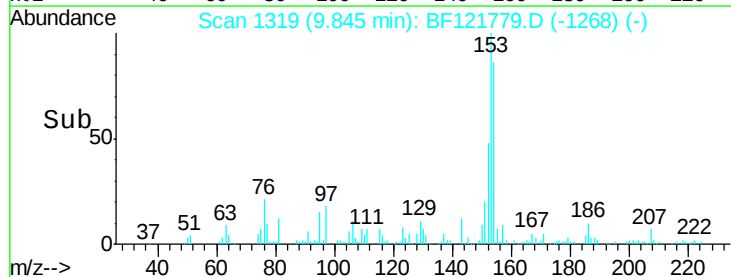
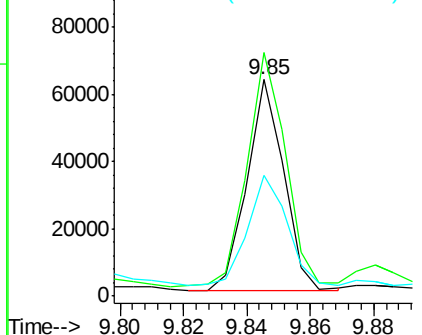


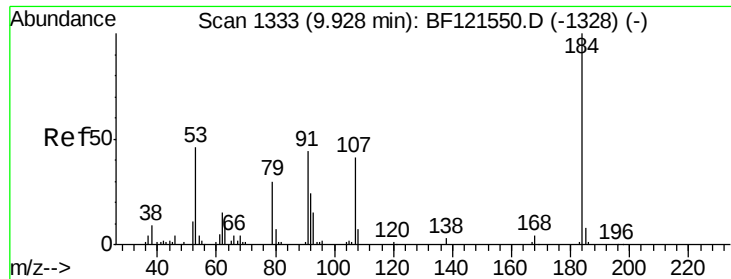
#52
Acenaphthene
Concen: 4.679 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BF121779.D
Acq: 1 Oct 2020 21:20

Tgt Ion:154 Resp: 49868
Ion Ratio Lower Upper
154 100
153 112.6 89.8 134.8
152 55.6 43.2 64.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

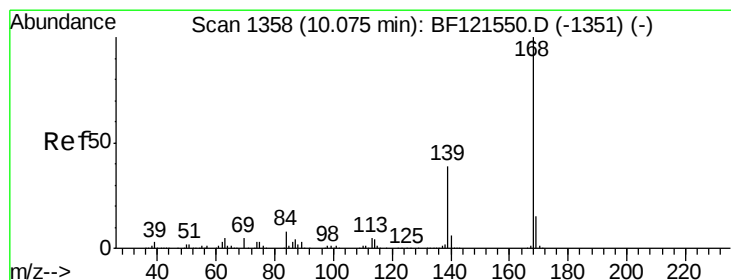
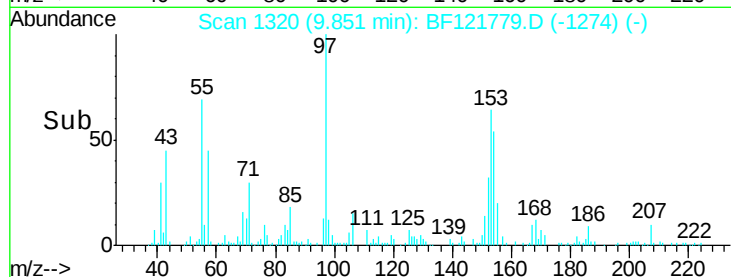
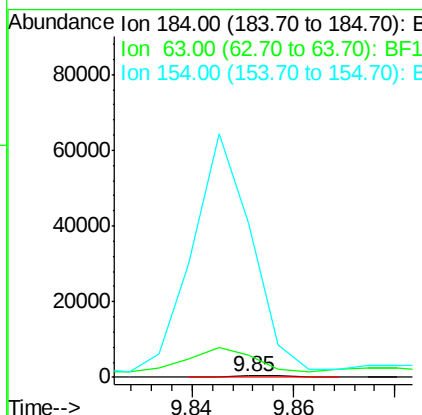
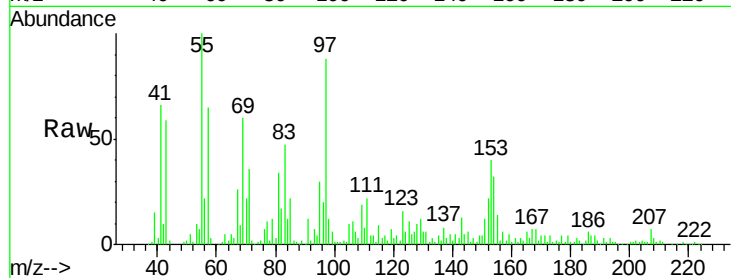




#54
 2,4-Dinitrophenol
 Concen: 9.190 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.03 min
 Lab File: BF121779.D
 Acq: 1 Oct 2020 21:20

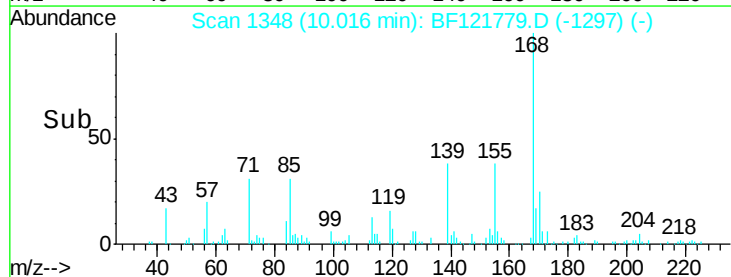
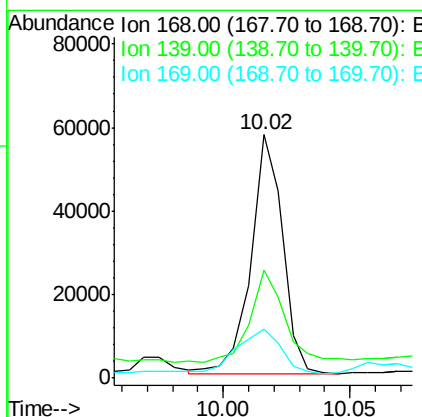
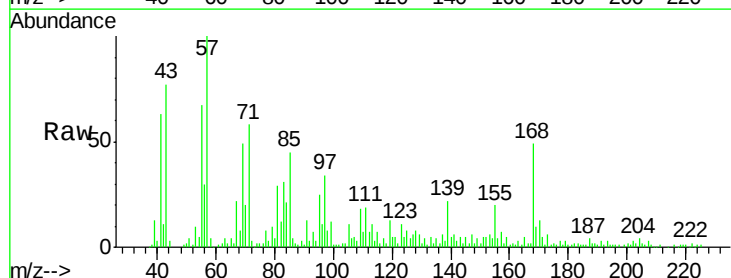
Instrument :
 BNA_F
 ClientSampleId :
 B-12(9-11)

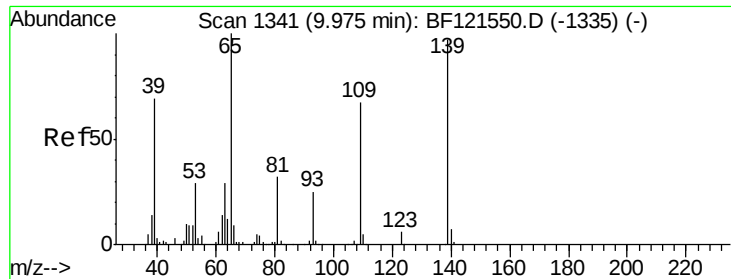
Tot Ion:184 Resp: 248
 Ion Ratio Lower Upper
 184 100
 63 1578.2 45.9 68.9#
 154 10785.1 45.8 68.6#



#55
 Dibenzofuran
 Concen: 3.334 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: BF121779.D
 Acq: 1 Oct 2020 21:20

Tgt Ion:168 Resp: 50039
 Ion Ratio Lower Upper
 168 100
 139 44.6 31.0 46.6
 169 20.2 11.3 16.9#

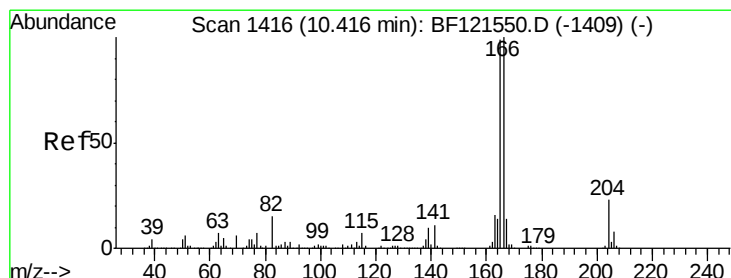
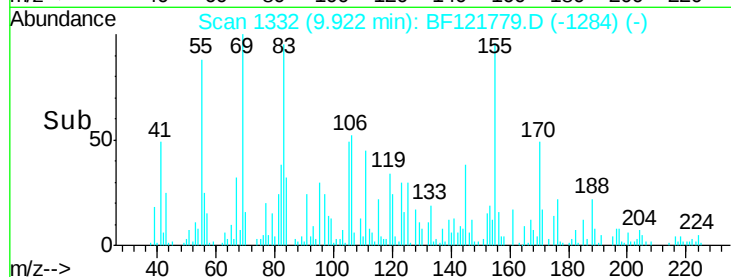
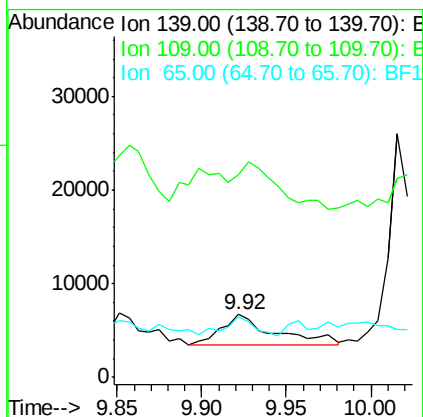
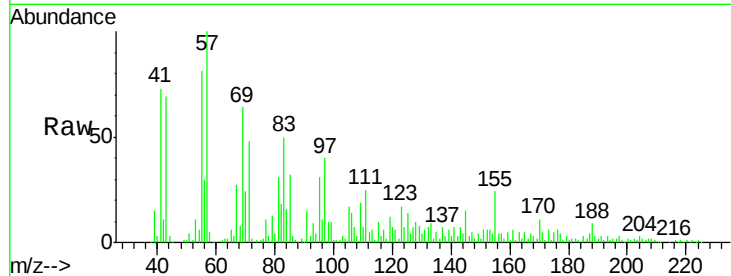




#56
4-Nitrophenol
Concen: 2.938 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BF121779.D
Acq: 1 Oct 2020 21:20

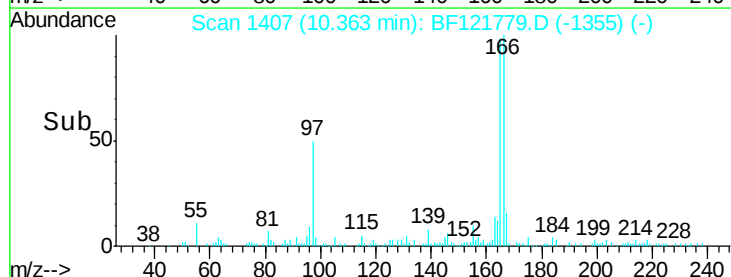
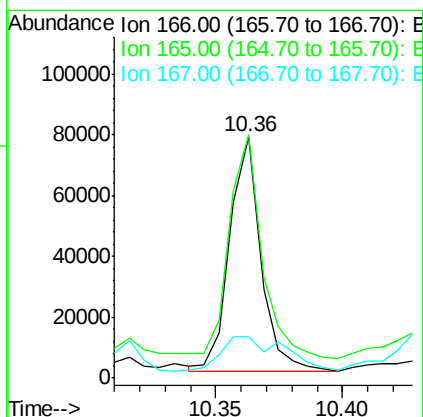
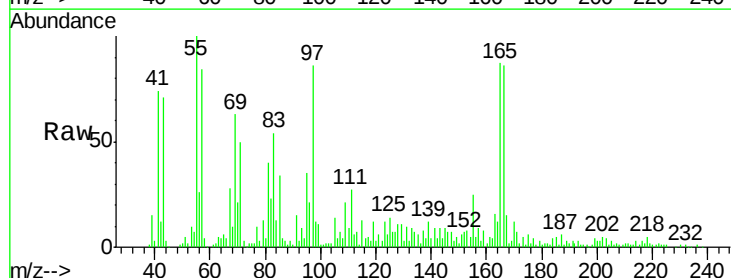
Instrument :
BNA_F
ClientSampleId :
B-12(9-11)

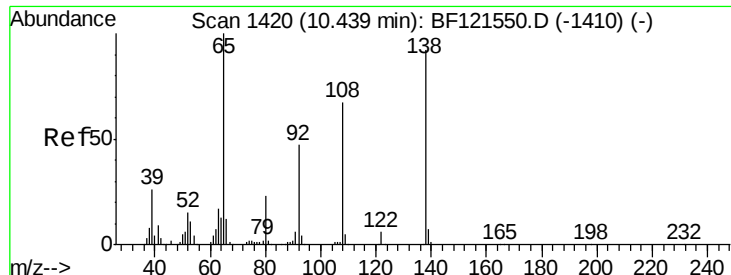
Tot Ion:139 Resp: 7294
Ion Ratio Lower Upper
139 100
109 323.6 45.4 85.4#
65 96.4 68.4 108.4



#58
Fluorene
Concen: 5.735 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.01 min
Lab File: BF121779.D
Acq: 1 Oct 2020 21:20

Tgt Ion:166 Resp: 65833
Ion Ratio Lower Upper
166 100
165 100.8 79.1 118.7
167 17.3 11.0 16.6#

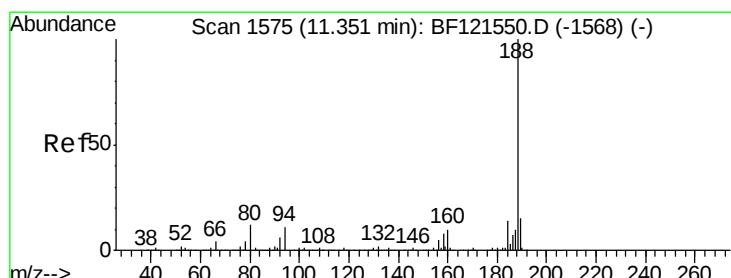
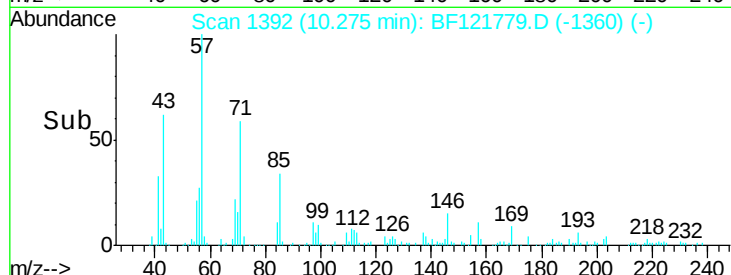
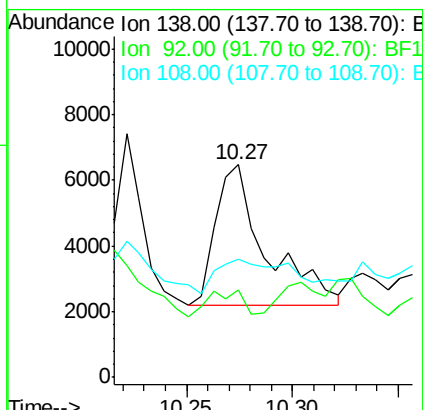
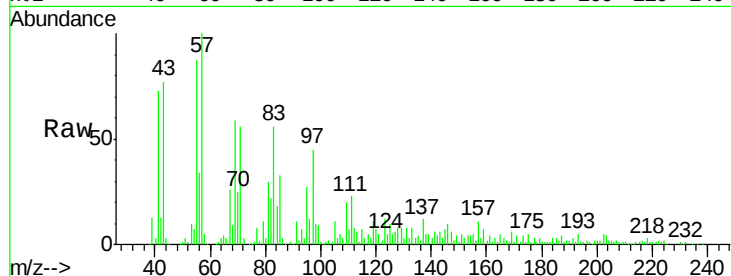




#62
4-Nitroaniline
Concen: 2.272 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.11 min
Lab File: BF121779.D
Acq: 1 Oct 2020 21:20

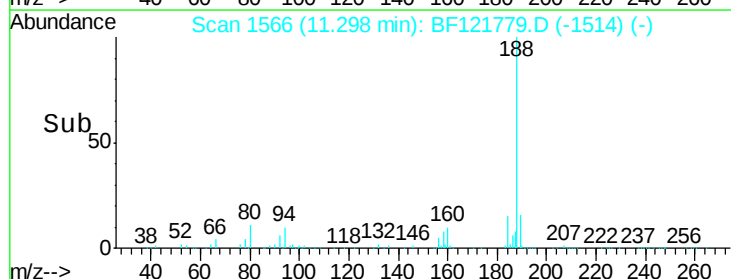
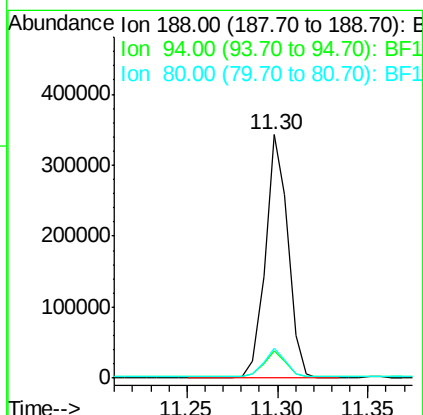
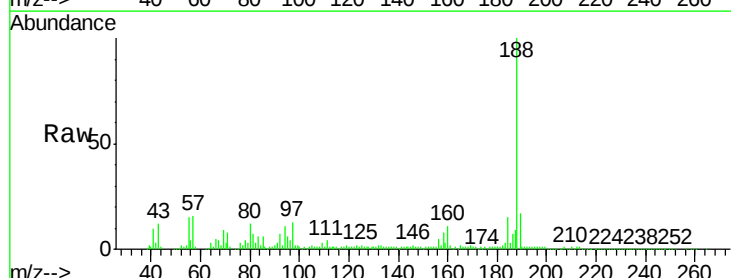
Instrument :
BNA_F
ClientSampled :
B-12(9-11)

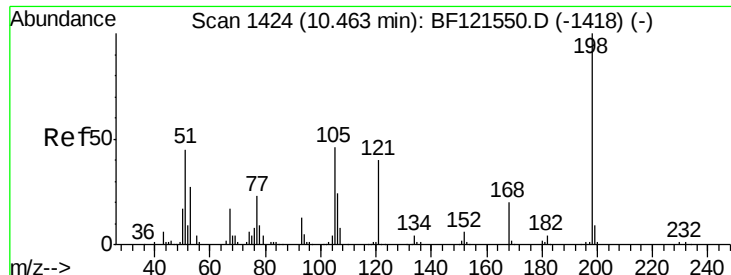
Tot Ion:138 Resp: 7022
Ion Ratio Lower Upper
138 100
92 41.5 31.0 71.0
108 55.5 51.5 91.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. 0.01 min
Lab File: BF121779.D
Acq: 1 Oct 2020 21:20

Tgt Ion:188 Resp: 295601
Ion Ratio Lower Upper
188 100
94 11.1 8.3 12.5
80 12.3 9.1 13.7

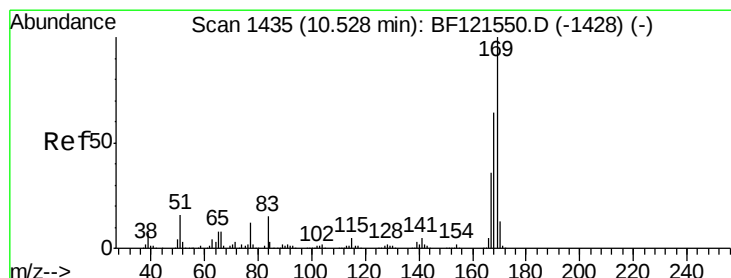
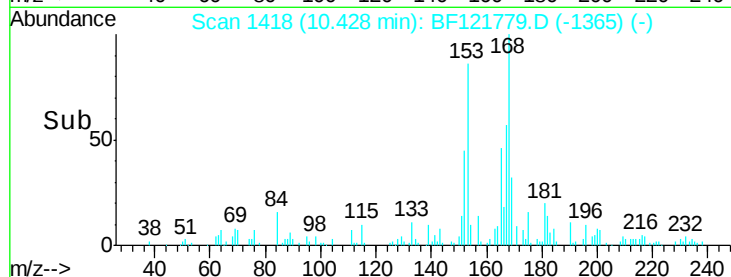
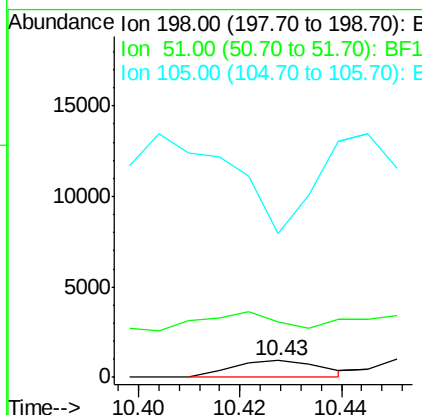
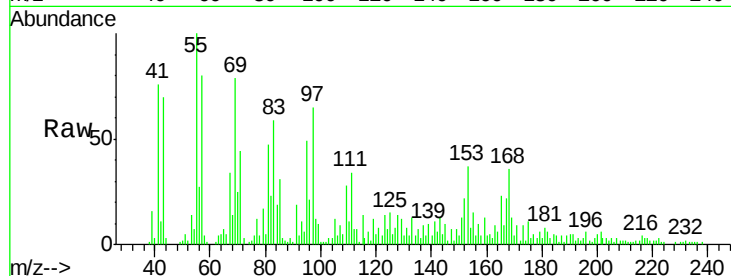




#65
4,6-Dinitro-2-methylphenol
Concen: 7.384 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF121779.D
Acq: 1 Oct 2020 21:20

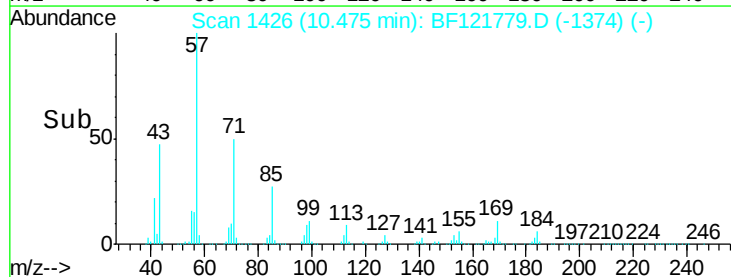
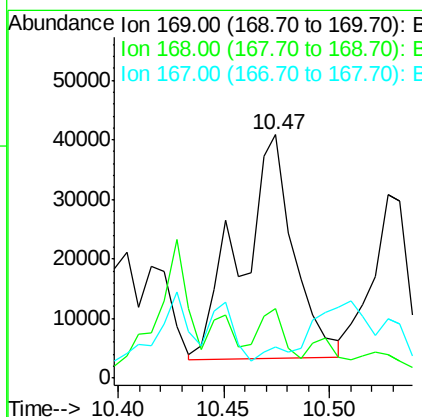
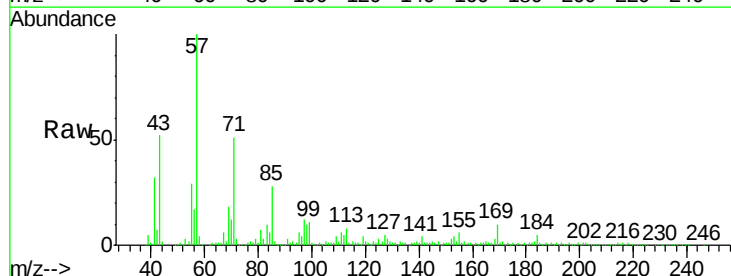
Instrument :
BNA_F
ClientSampleId :
B-12(9-11)

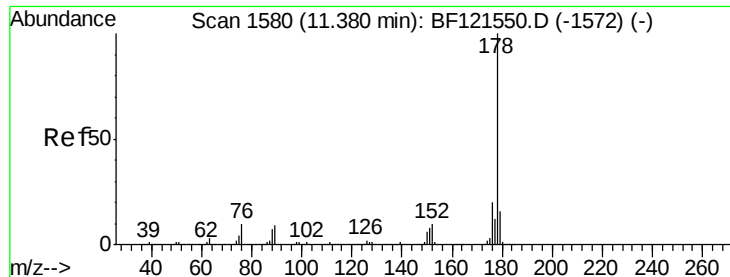
Tot Ion:198 Resp: 1125
Ion Ratio Lower Upper
198 100
51 328.3 29.6 69.6#
105 851.8 24.4 64.4#



#66
n-Nitrosodiphenylamine
Concen: 6.419 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BF121779.D
Acq: 1 Oct 2020 21:20

Tgt Ion:169 Resp: 65094
Ion Ratio Lower Upper
169 100
168 28.7 50.0 75.0#
167 12.7 27.8 41.6#





#71

Phenanthrene

Concen: 42.575 ng

RT: 11.33 min Scan# 1571

Delta R.T. 0.01 min

Lab File: BF121779.D

Acq: 1 Oct 2020 21:20

Instrument :

BNA_F

ClientSampleId :

B-12(9-11)

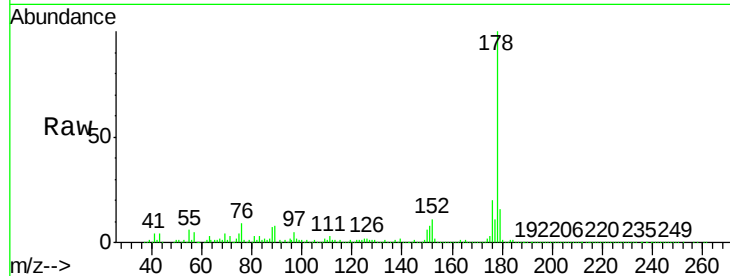
Tot Ion:178 Resp: 685689

Ion Ratio Lower Upper

178 100

176 19.8 15.9 23.9

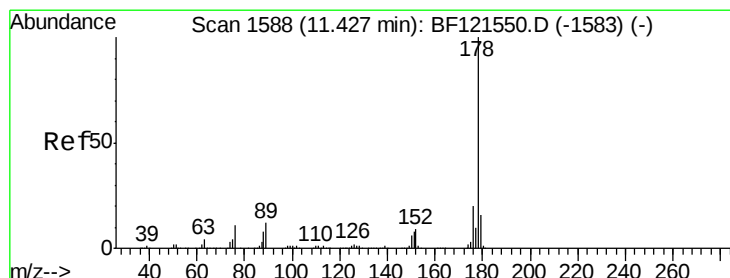
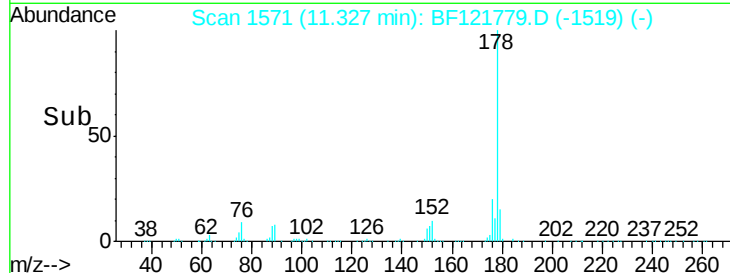
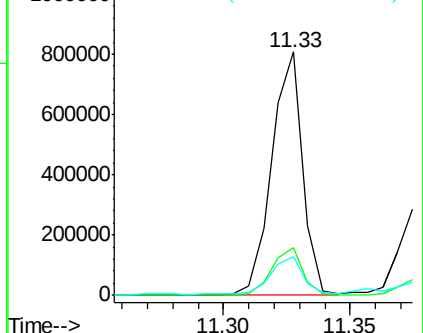
179 16.0 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 13.206 ng

RT: 11.37 min Scan# 1579

Delta R.T. 0.01 min

Lab File: BF121779.D

Acq: 1 Oct 2020 21:20

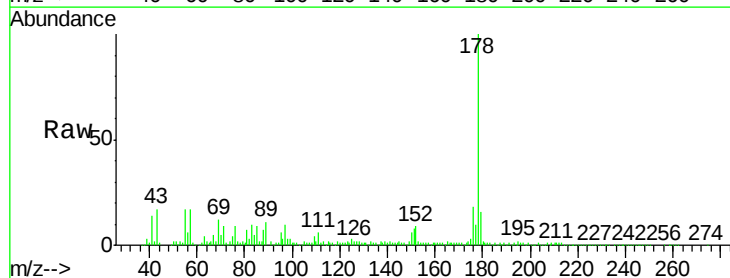
Tgt Ion:178 Resp: 219492

Ion Ratio Lower Upper

178 100

176 18.5 15.7 23.5

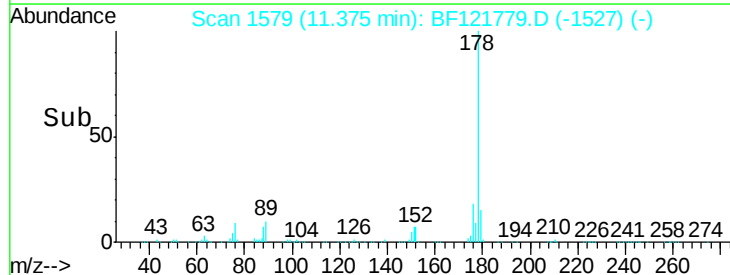
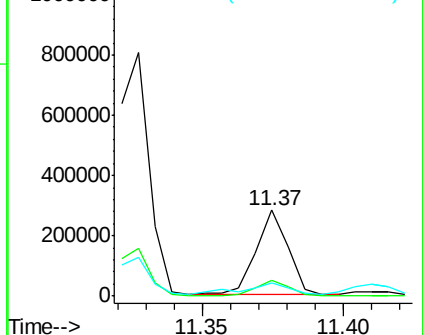
179 16.0 12.7 19.1

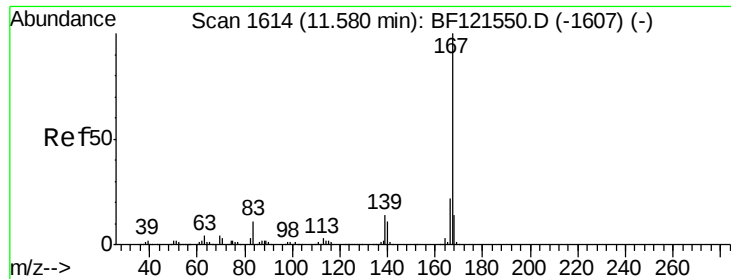


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

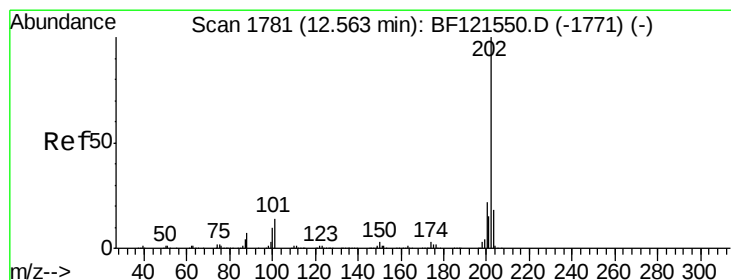
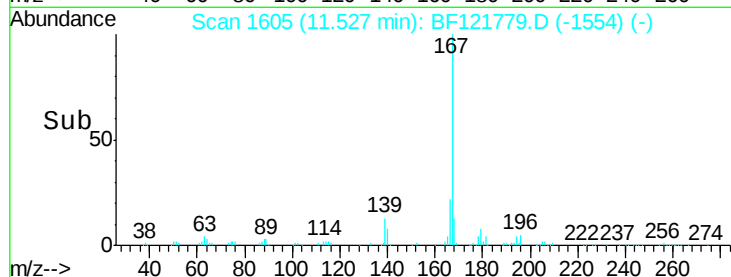
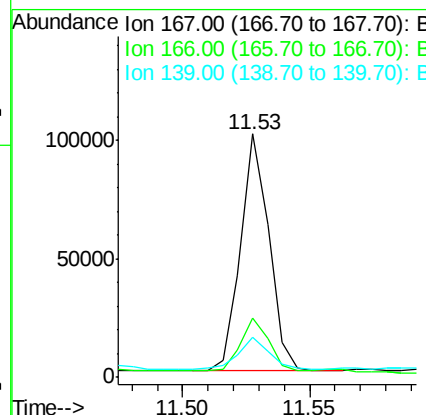
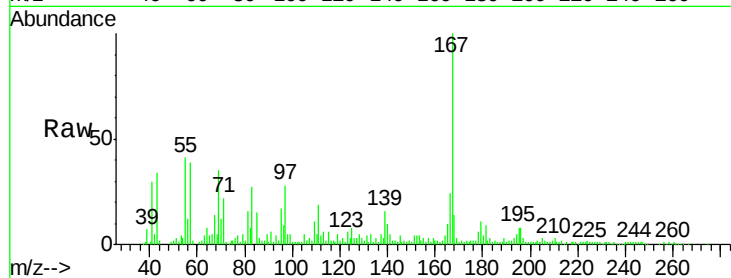




#73
 Carbazole
 Concen: 5.144 ng
 RT: 11.53 min Scan# 1605
 Delta R.T. 0.00 min
 Lab File: BF121779.D
 Acq: 1 Oct 2020 21:20

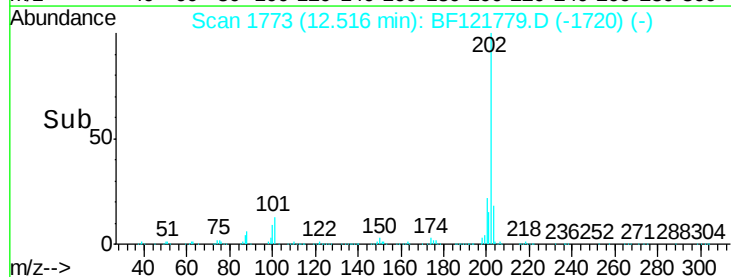
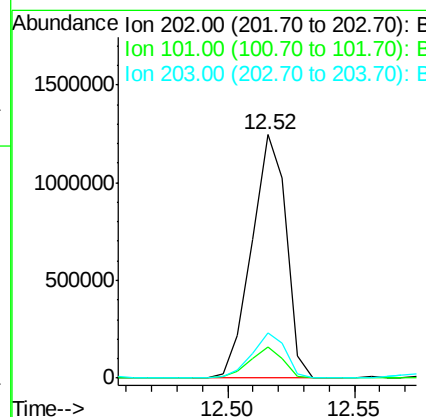
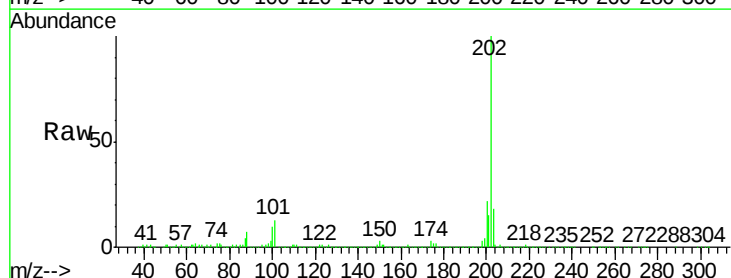
Instrument :
 BNA_F
 ClientSampleId :
 B-12(9-11)

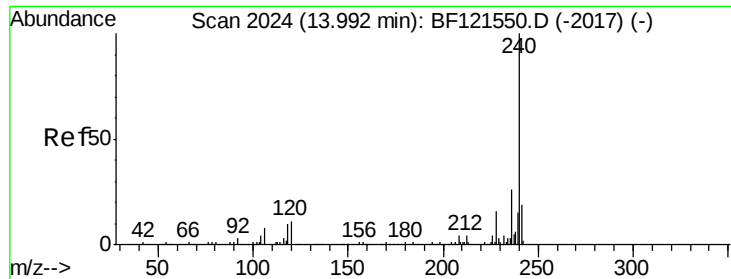
Tot Ion:167 Resp: 77157
 Ion Ratio Lower Upper
 167 100
 166 24.3 17.8 26.6
 139 16.3 10.8 16.2#



#75
 Fluoranthene
 Concen: 68.405 ng
 RT: 12.52 min Scan# 1773
 Delta R.T. 0.01 min
 Lab File: BF121779.D
 Acq: 1 Oct 2020 21:20

Tgt Ion:202 Resp: 1176055
 Ion Ratio Lower Upper
 202 100
 101 12.9 0.0 33.4
 203 18.4 0.0 37.9

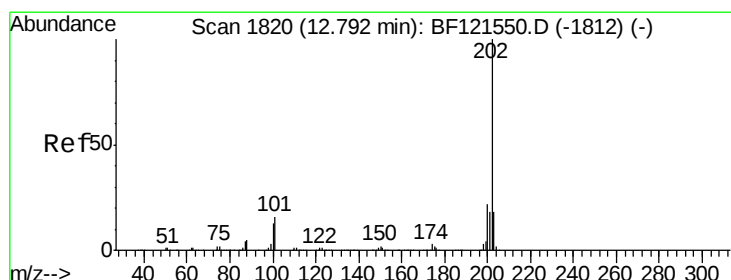
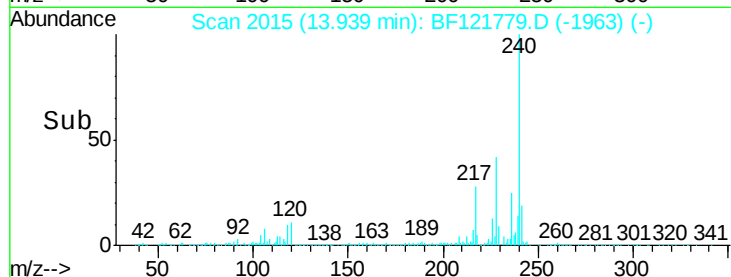
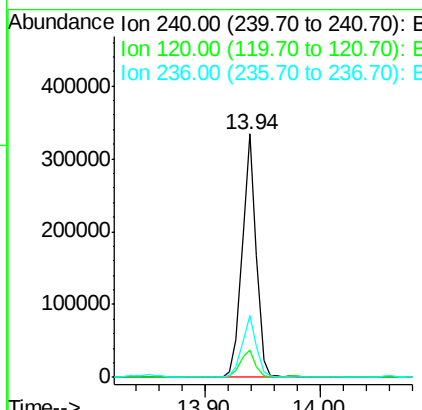
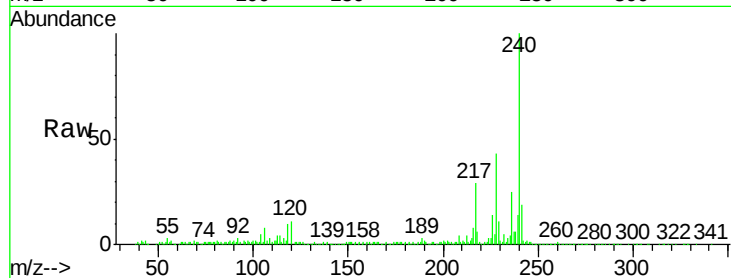




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2015
Delta R.T. 0.01 min
Lab File: BF121779.D
Acq: 1 Oct 2020 21:20

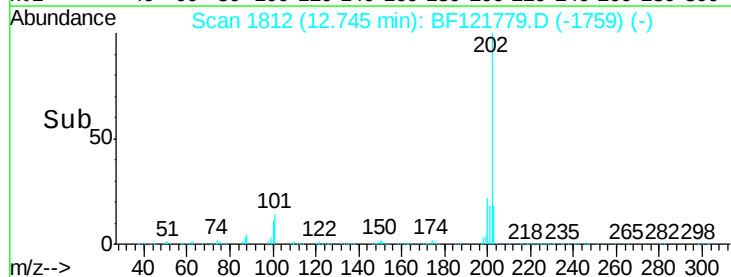
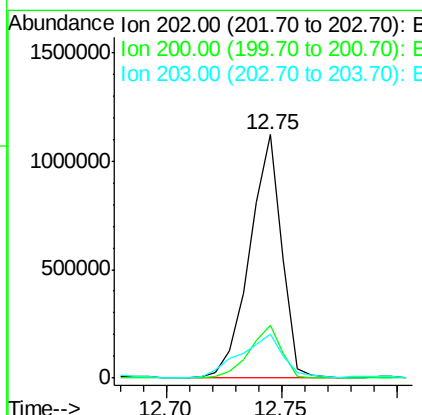
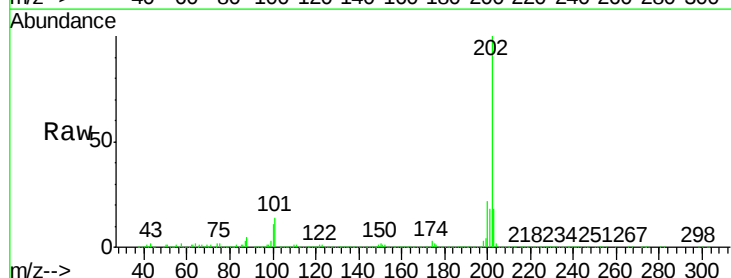
Instrument :
BNA_F
ClientSampleId :
B-12(9-11)

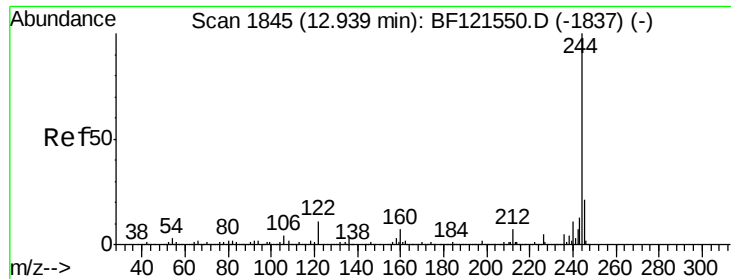
Tot Ion:240 Resp: 278877
Ion Ratio Lower Upper
240 100
120 11.4 9.2 13.8
236 25.2 20.9 31.3



#78
Pyrene
Concen: 53.165 ng
RT: 12.75 min Scan# 1812
Delta R.T. 0.01 min
Lab File: BF121779.D
Acq: 1 Oct 2020 21:20

Tgt Ion:202 Resp: 1083269
Ion Ratio Lower Upper
202 100
200 21.8 17.4 26.2
203 18.0 14.6 21.8





#79

Terphenyl-d14

Concen: 51.759 ng

RT: 12.88 min Scan# 1835

Delta R.T. 0.00 min

Lab File: BF121779.D

Acq: 1 Oct 2020 21:20

Instrument :

BNA_F

ClientSampleId :

B-12(9-11)

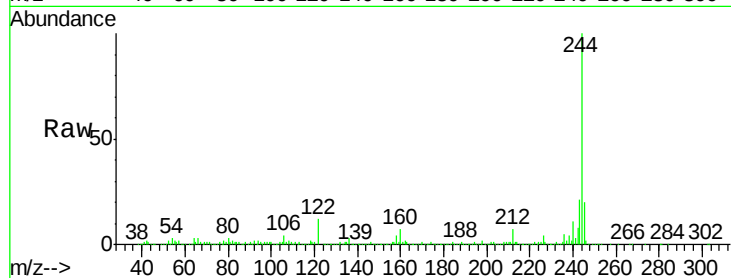
Tot Ion:244 Resp: 712488

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

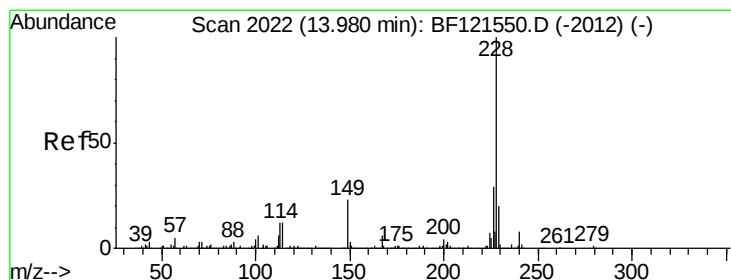
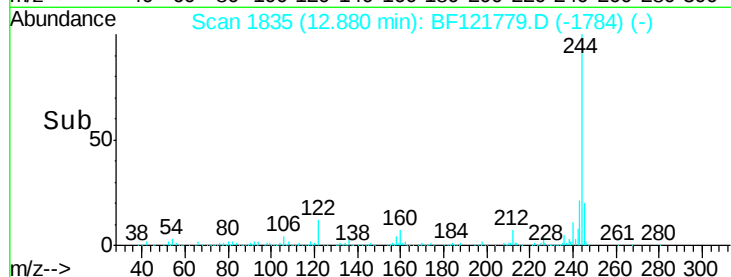
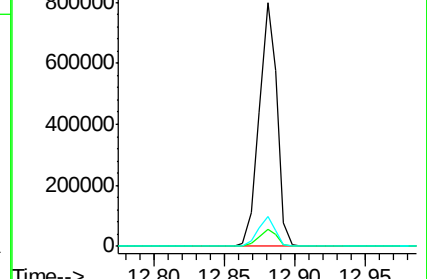
122 12.0 8.1 12.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#81

Benzo(a)anthracene

Concen: 39.554 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.01 min

Lab File: BF121779.D

Acq: 1 Oct 2020 21:20

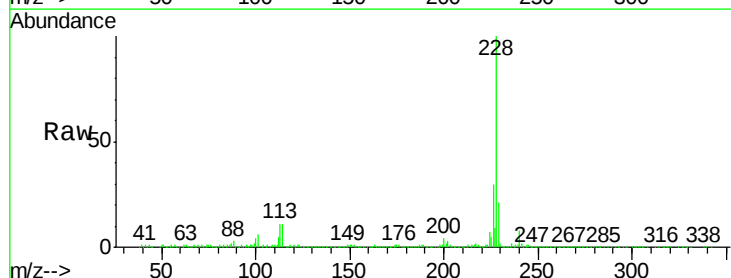
Tgt Ion:228 Resp: 697850

Ion Ratio Lower Upper

228 100

226 29.7 22.3 33.5

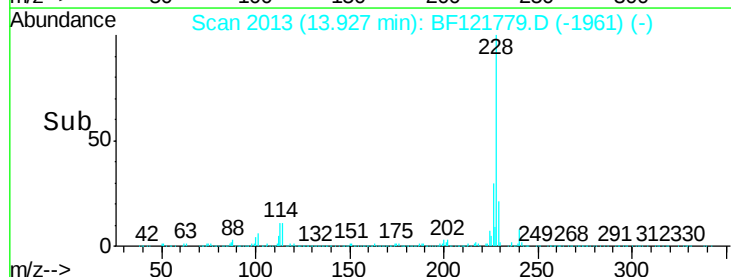
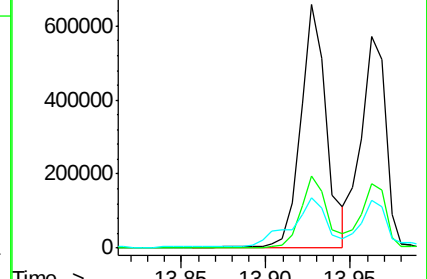
229 20.9 16.2 24.4

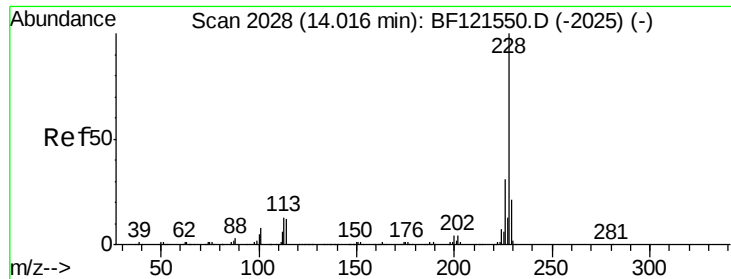


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Chrysene

Concen: 32.433 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.01 min

Lab File: BF121779.D

Acq: 1 Oct 2020 21:20

Instrument :

BNA_F

ClientSampleId :

B-12(9-11)

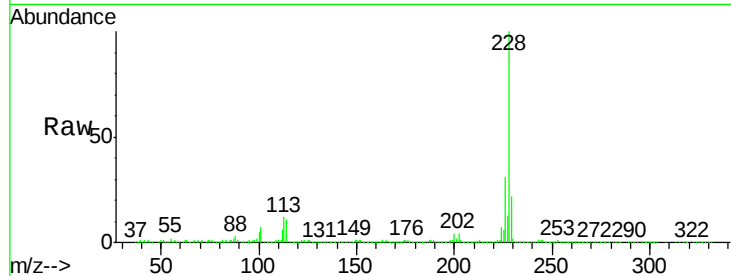
Tot Ion:228 Resp: 579442

Ion Ratio Lower Upper

228 100

226 30.5 24.6 37.0

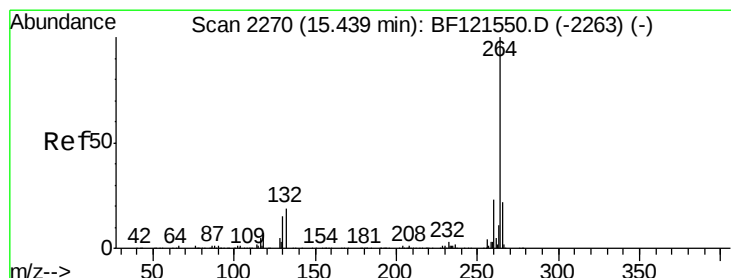
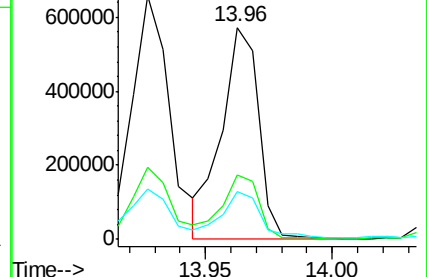
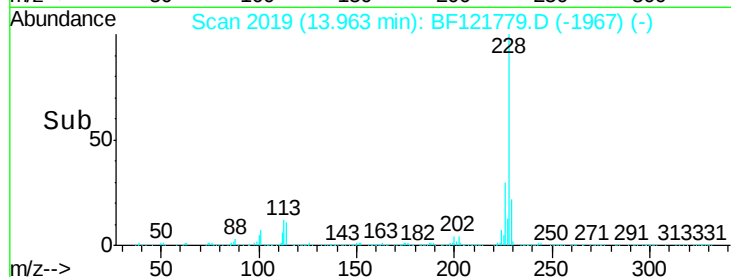
229 22.5 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.38 min Scan# 2260

Delta R.T. 0.02 min

Lab File: BF121779.D

Acq: 1 Oct 2020 21:20

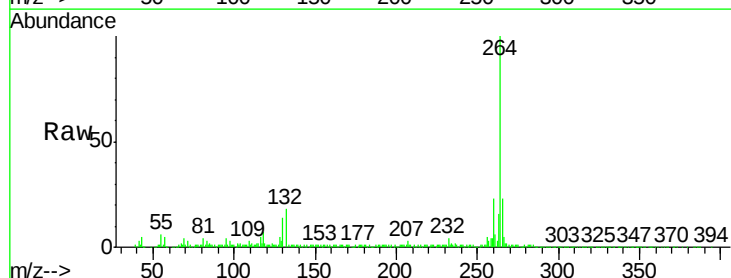
Tgt Ion:264 Resp: 254740

Ion Ratio Lower Upper

264 100

260 23.0 18.7 28.1

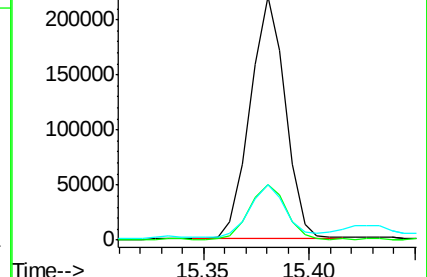
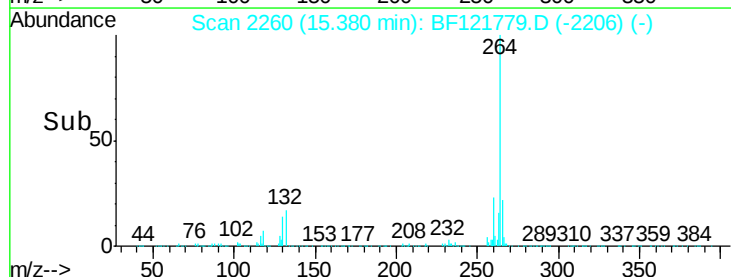
265 23.0 17.3 25.9

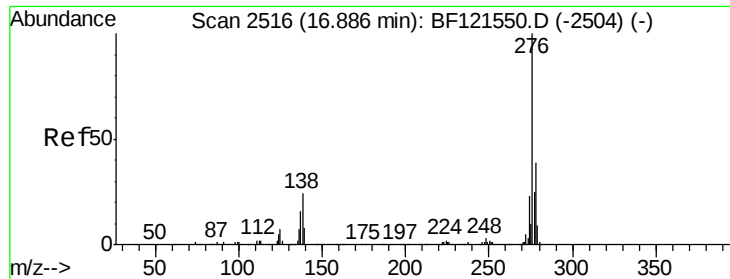


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

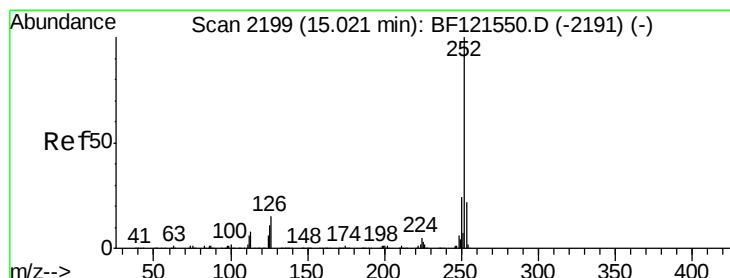
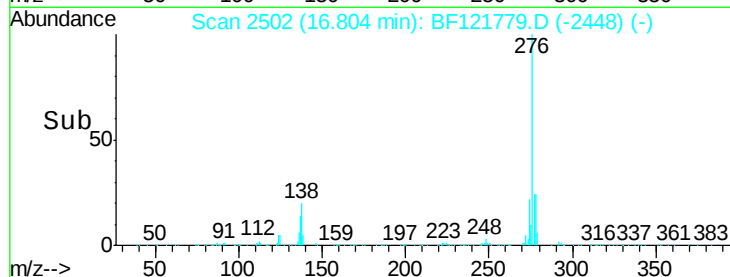
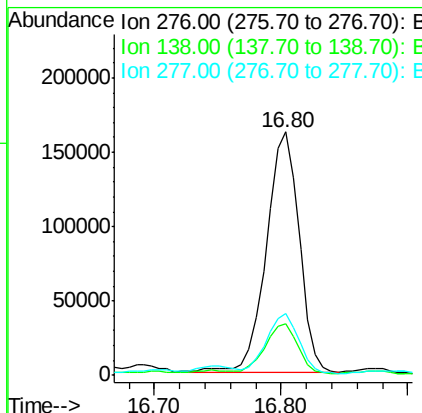
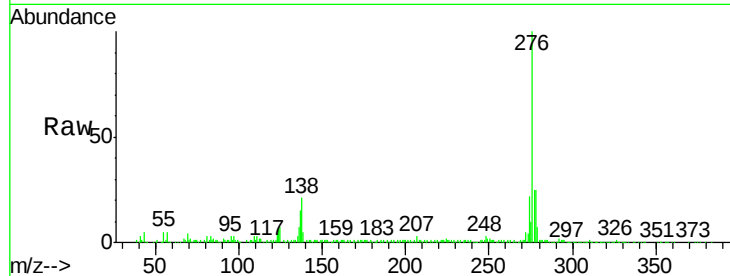




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 17.705 ng
 RT: 16.80 min Scan# 2502
 Delta R.T. 0.02 min
 Lab File: BF121779.D
 Acq: 1 Oct 2020 21:20

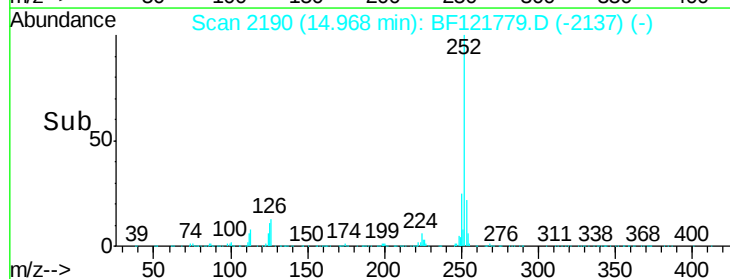
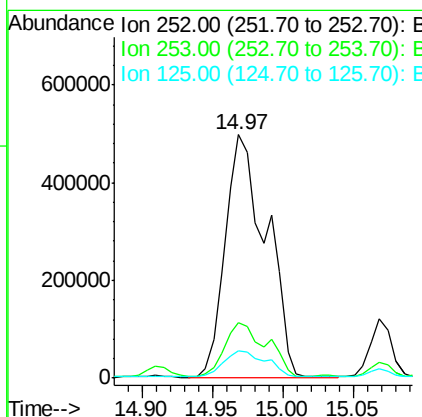
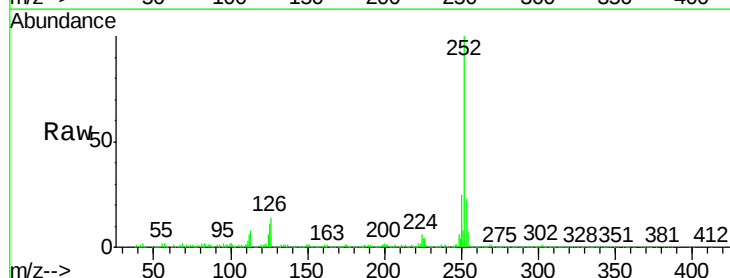
Instrument :
 BNA_F
 ClientSampleId :
 B-12(9-11)

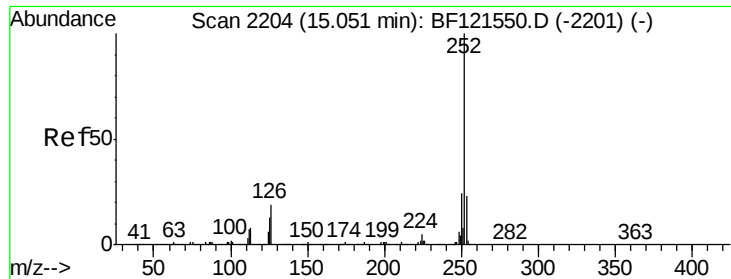
Tot Ion	Ratio	Lower	Upper
276	100		
138	20.5	19.9	29.9
277	24.2	20.4	30.6



#88
 Benzo(b)fluoranthene
 Concen: 59.258 ng
 RT: 14.97 min Scan# 2190
 Delta R.T. 0.01 min
 Lab File: BF121779.D
 Acq: 1 Oct 2020 21:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.2
125	11.4	8.0	12.0

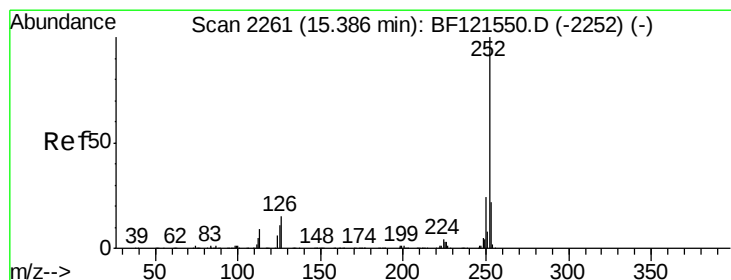
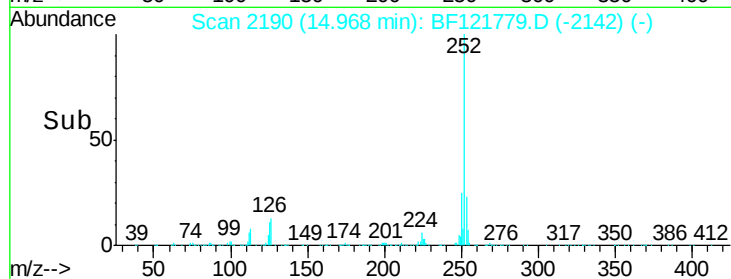
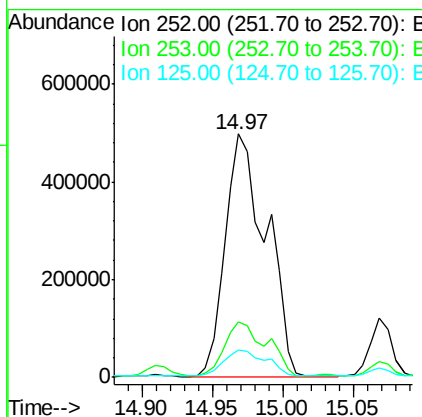
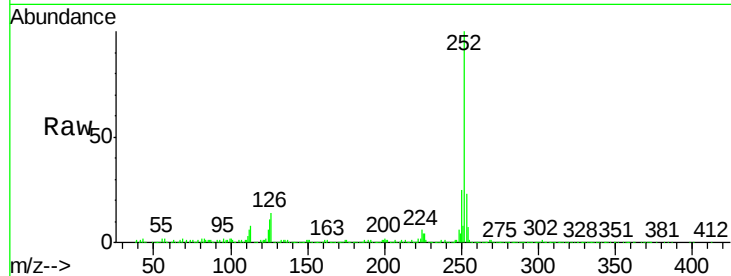




#89
Benzo(k)fluoranthene
Concen: 64.710 ng
RT: 14.97 min Scan# 2190
Delta R.T. -0.02 min
Lab File: BF121779.D
Acq: 1 Oct 2020 21:20

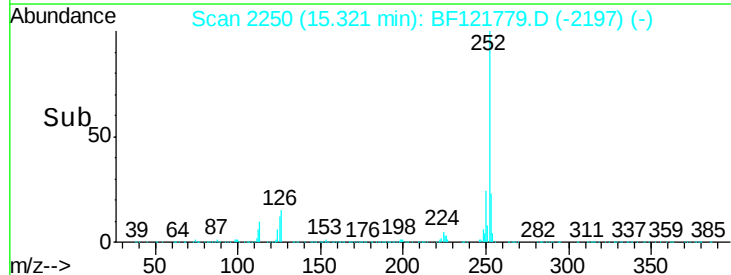
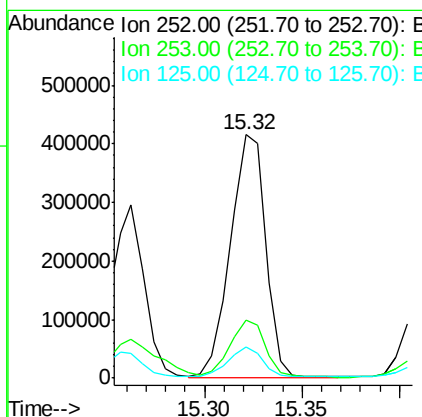
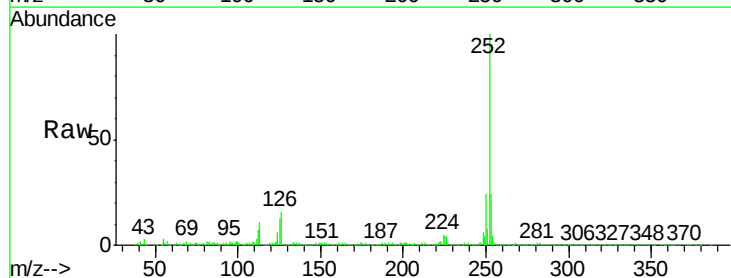
Instrument :
BNA_F
ClientSampleId :
B-12(9-11)

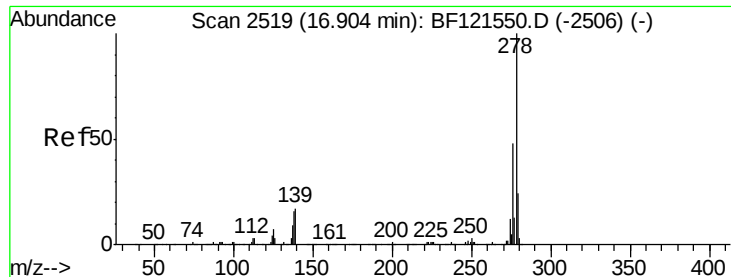
Tot Ion:252 Resp: 1009137
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.6
125 11.4 7.7 11.5



#90
Benzo(a)pyrene
Concen: 35.779 ng
RT: 15.32 min Scan# 2250
Delta R.T. 0.01 min
Lab File: BF121779.D
Acq: 1 Oct 2020 21:20

Tgt Ion:252 Resp: 517927
Ion Ratio Lower Upper
252 100
253 24.0 17.3 25.9
125 12.6 8.6 13.0

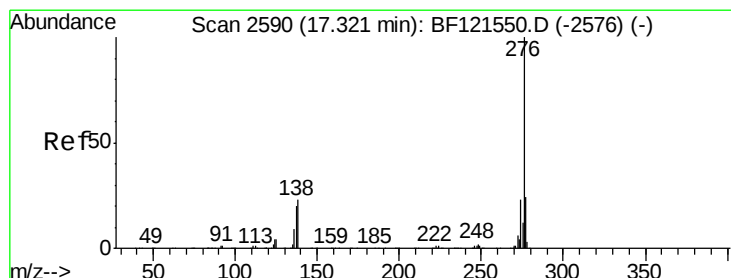
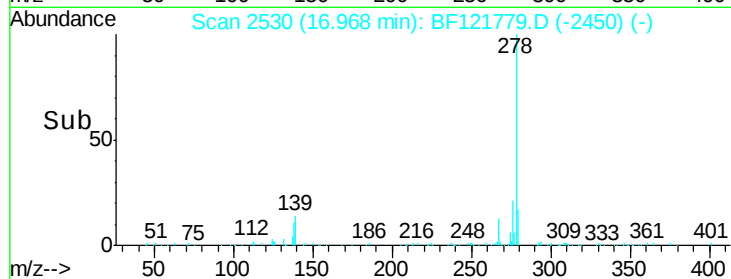
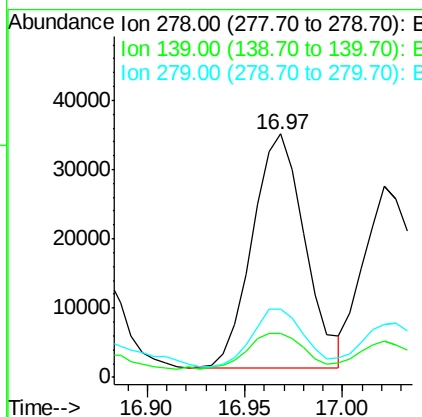
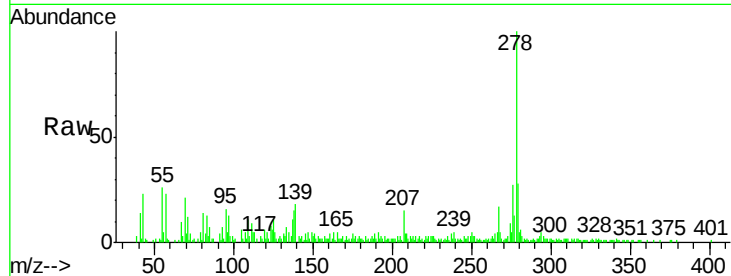




#91
Dibenzo(a,h)anthracene
Concen: 4.597 ng
RT: 16.97 min Scan# 2530
Delta R.T. 0.17 min
Lab File: BF121779.D
Acq: 1 Oct 2020 21:20

Instrument :
BNA_F
ClientSampleId :
B-12(9-11)

Tot Ion:278 Resp: 63486
Ion Ratio Lower Upper
278 100
139 17.9 13.0 19.4
279 28.0 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 19.351 ng
RT: 17.23 min Scan# 2575
Delta R.T. 0.02 min
Lab File: BF121779.D
Acq: 1 Oct 2020 21:20

Tgt Ion:276 Resp: 262682
Ion Ratio Lower Upper
276 100
277 24.2 19.4 29.2
138 22.7 17.8 26.6

