

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100220\
 Data File : BF121804.D
 Acq On : 2 Oct 2020 20:20
 Operator : JU/CG
 Sample : L4213-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-15(13-14)

Quant Time: Oct 03 00:18:21 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	6.76	152	129309	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	472154	20.00	ng	-0.01
39) Acenaphthene-d10	9.80	164	214143	20.00	ng	-0.01
64) Phenanthrene-d10	11.29	188	333960	20.00	ng	0.00
76) Chrysene-d12	13.93	240	246015	20.00	ng	0.00
86) Perylene-d12	15.37	264	237654	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	523510	60.17	ng	0.00
7) Phenol-d6	6.40	99	785942	68.85	ng	-0.01
23) Nitrobenzene-d5	7.33	82	565994	64.36	ng	-0.01
42) 2,4,6-Tribromophenol	10.59	330	47372	17.80	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	928746	65.69	ng	-0.01
79) Terphenyl-d14	12.87	244	712100	58.64	ng	-0.01

Target Compounds

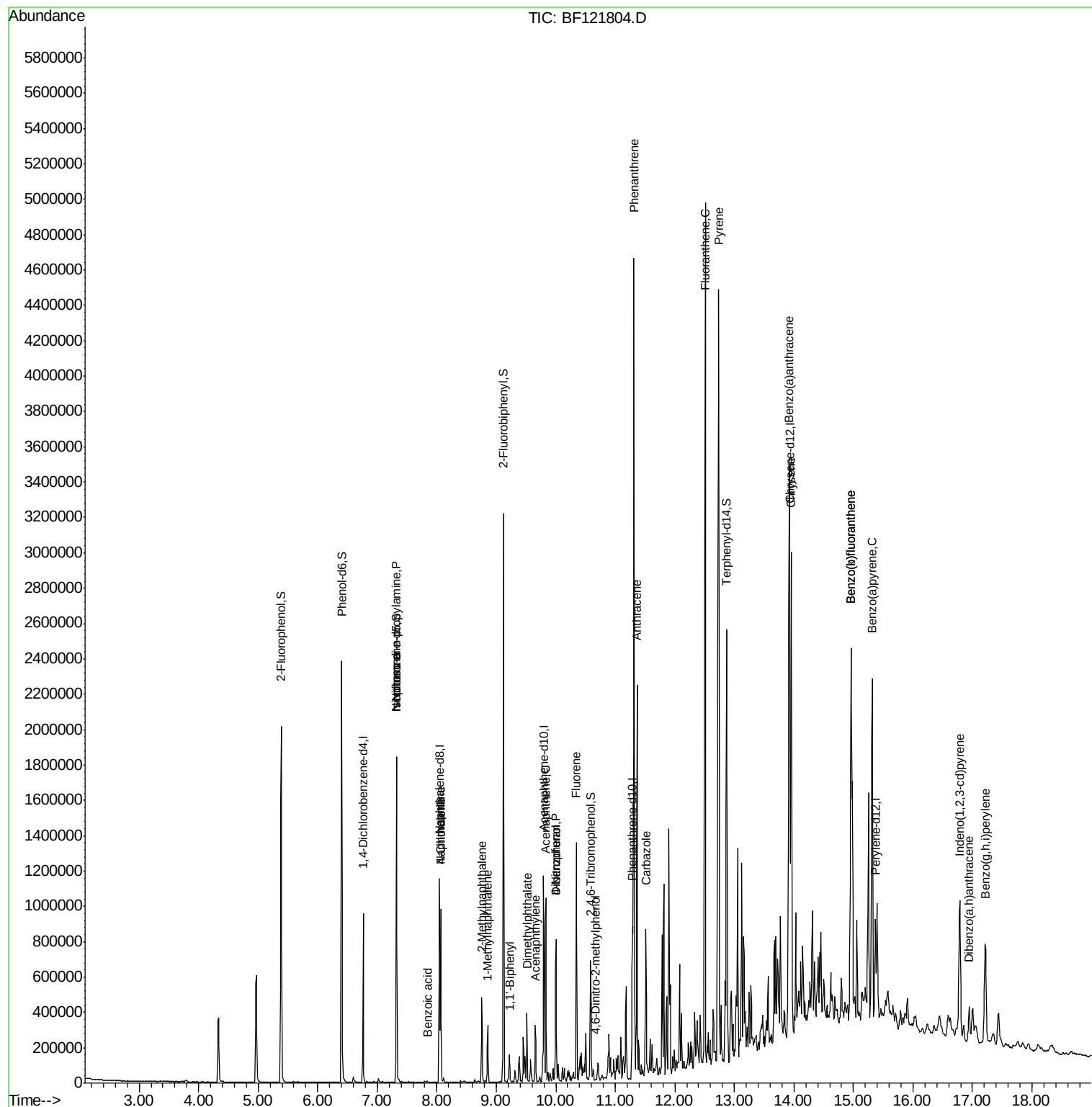
						Qvalue
19) n-Nitroso-di-n-propylamine	7.33	70	74424	11.312	ng	# 78
25) Isophorone	7.33	82	565987	31.973	ng	# 67
31) Naphthalene	8.07	128	395547	15.870	ng	99
32) Benzoic acid	7.85	122	1351	7.132	ng	# 15
33) 4-Chloroaniline	8.07	127	50400	4.665	ng	# 33
37) 2-Methylnaphthalene	8.76	142	115522	7.073	ng	98
38) 1-Methylnaphthalene	8.86	142	76503	5.033	ng	100
46) 1,1'-Biphenyl	9.22	154	43452	2.535	ng	97
49) Acenaphthylene	9.66	152	105623	5.089	ng	98
50) Dimethylphthalate	9.52	163	127620	8.223	ng	99
52) Acenaphthene	9.83	154	210046	16.021	ng	99
55) Dibenzofuran	10.00	168	265879	14.401	ng	97
56) 4-Nitrophenol	10.00	139	99553	32.601	ng	# 12
58) Fluorene	10.35	166	355513	25.180	ng	99
65) 4,6-Dinitro-2-methylphenol	10.67	198	119	6.902	ng	# 7
71) Phenanthrene	11.32	178	2211225	121.526	ng	98
72) Anthracene	11.36	178	788238	41.979	ng	99
73) Carbazole	11.52	167	283926	16.756	ng	99
75) Fluoranthene	12.51	202	2519219	129.699	ng	98
78) Pyrene	12.74	202	2148713	119.542	ng	98
81) Benzo(a)anthracene	13.92	228	1415611	90.953	ng	97
83) Chrysene	13.96	228	1066114	67.644	ng	96
87) Indeno(1,2,3-cd)pyrene	16.79	276	544340	35.171	ng	94
88) Benzo(b)fluoranthene	14.96	252	1795045	112.985	ng	98
89) Benzo(k)fluoranthene	14.96	252	1795045	123.381	ng	# 97
90) Benzo(a)pyrene	15.32	252	955724	70.769	ng	96
91) Dibenzo(a,h)anthracene	16.94	278	128017	9.937	ng	94
92) Benzo(g,h,i)perylene	17.22	276	464073	36.645	ng	99

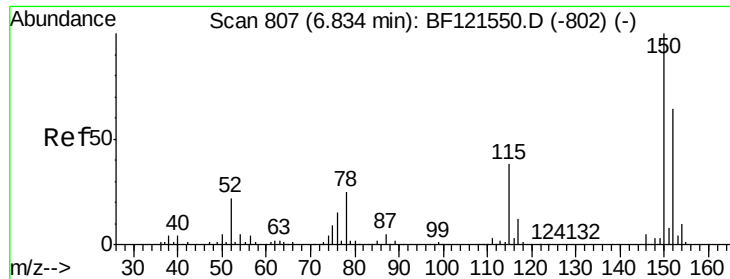
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100220\
Data File : BF121804.D
Acq On : 2 Oct 2020 20:20
Operator : JU/CG
Sample : L4213-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-15(13-14)

Quant Time: Oct 03 00:18:21 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



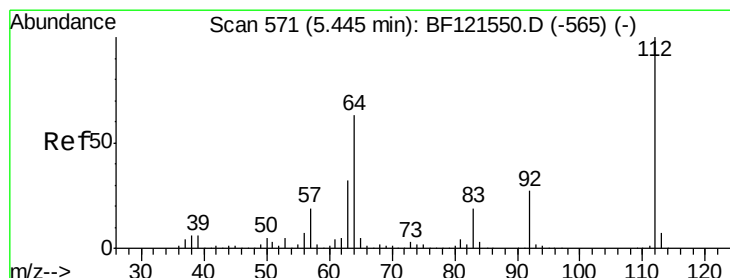
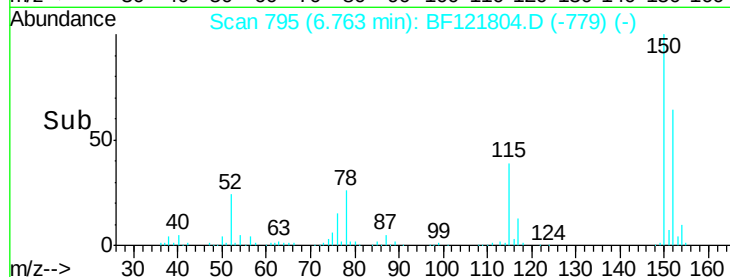
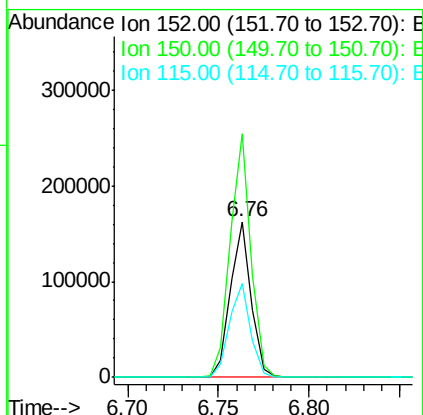
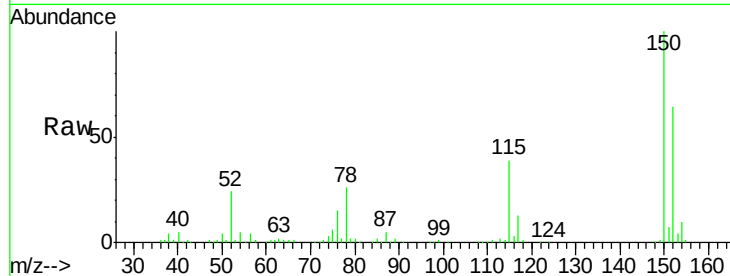


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF121804.D
Acq: 2 Oct 2020 20:20

Instrument :
BNA_F
ClientSampleId :
B-15(13-14)

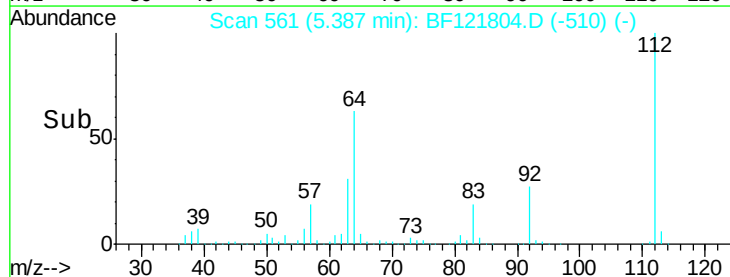
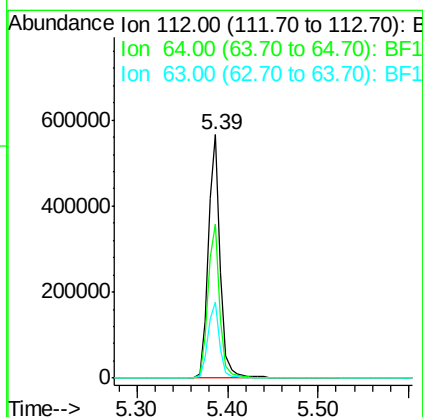
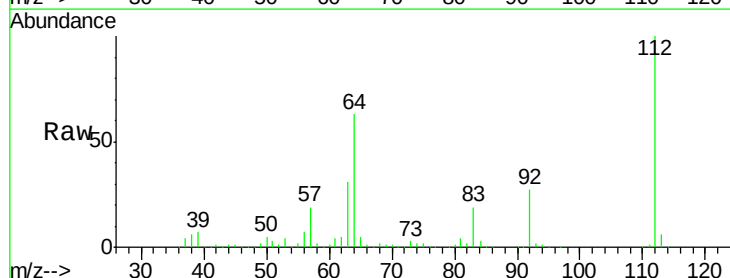
Tot Ion:152 Resp: 129309
Ion Ratio Lower Upper
152 100
150 156.4 125.3 187.9
115 60.5 51.9 77.9

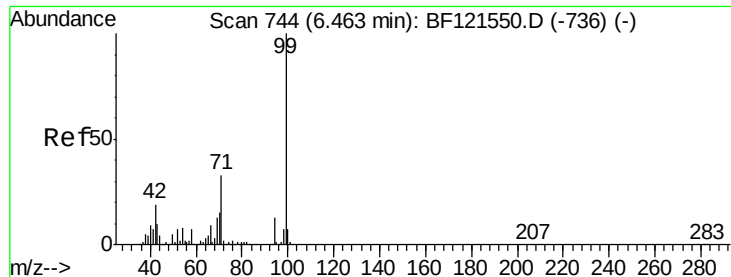


#5

2-Fluorophenol
Concen: 60.166 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF121804.D
Acq: 2 Oct 2020 20:20

Tgt Ion:112 Resp: 523510
Ion Ratio Lower Upper
112 100
64 63.1 50.4 75.6
63 31.2 25.8 38.6





#7

Phenol-d6

Concen: 68.850 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF121804.D

Acq: 2 Oct 2020 20:20

Instrument :

BNA_F

ClientSampled :

B-15(13-14)

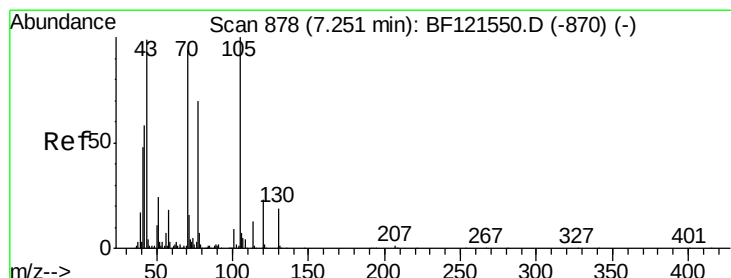
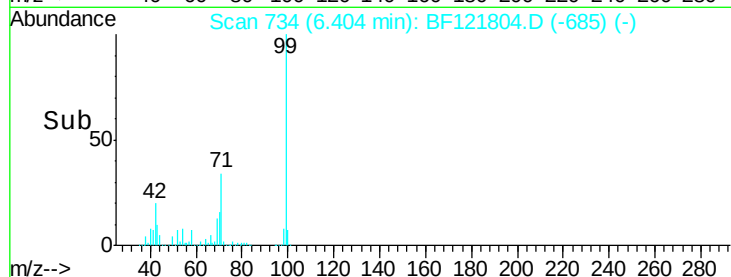
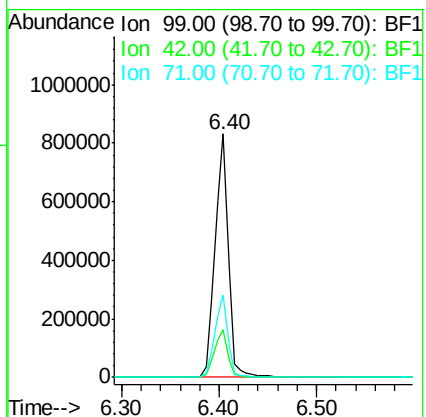
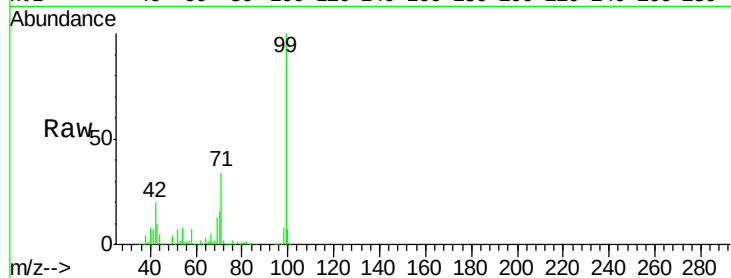
Tot Ion: 99 Resp: 785942

Ion Ratio Lower Upper

99 100

42 19.8 15.9 23.9

71 33.9 27.1 40.7



#19

n-Nitroso-di-n-propylamine

Concen: 11.312 ng

RT: 7.33 min Scan# 891

Delta R.T. 0.14 min

Lab File: BF121804.D

Acq: 2 Oct 2020 20:20

Tgt Ion: 70 Resp: 74424

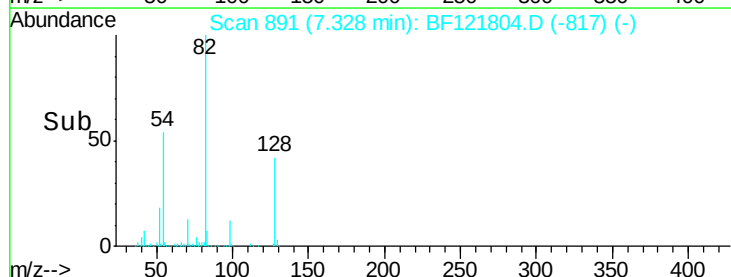
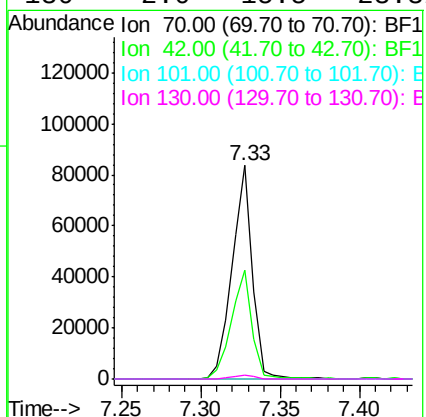
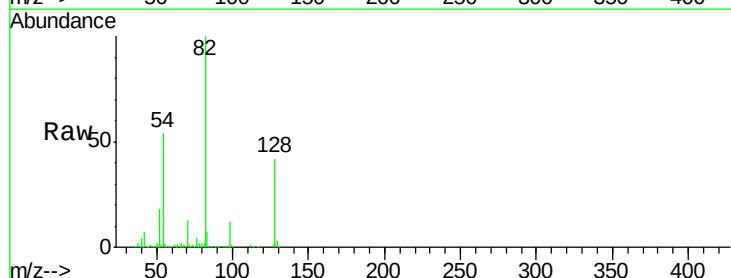
Ion Ratio Lower Upper

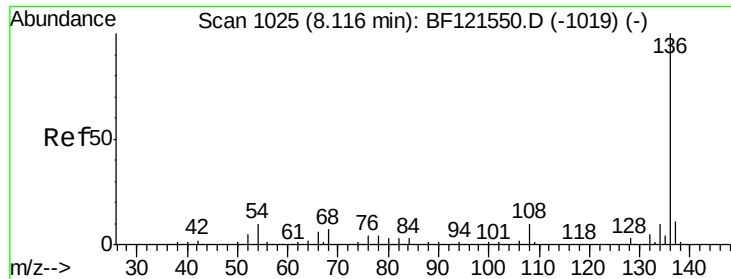
70 100

42 50.7 50.2 75.4

101 0.0 7.5 11.3#

130 2.0 15.5 23.3#

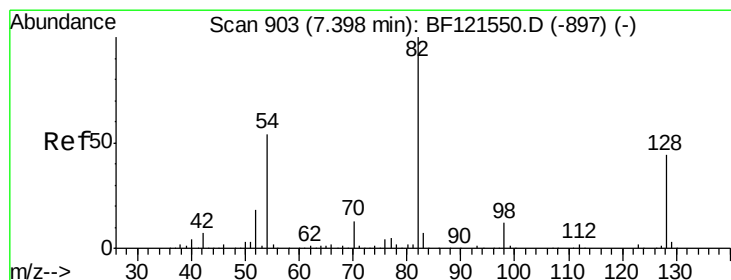
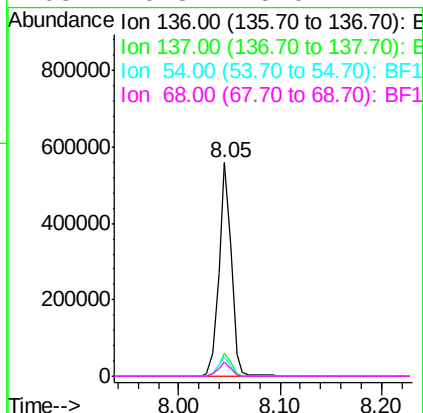
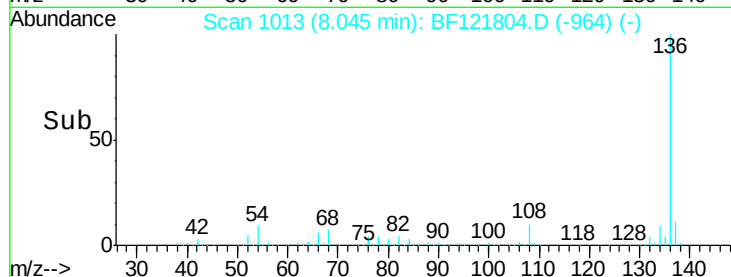
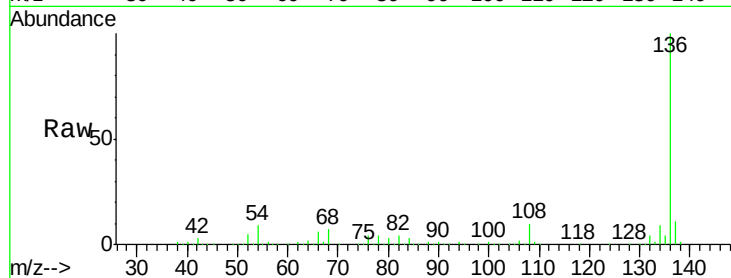




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF121804.D
Acq: 2 Oct 2020 20:20

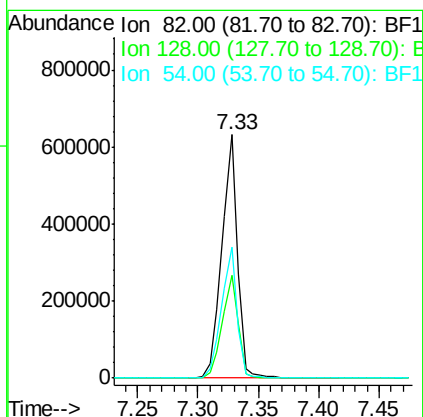
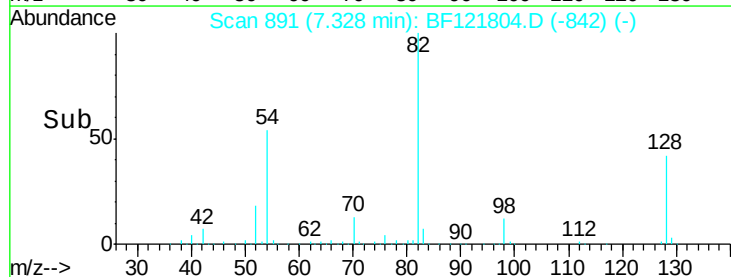
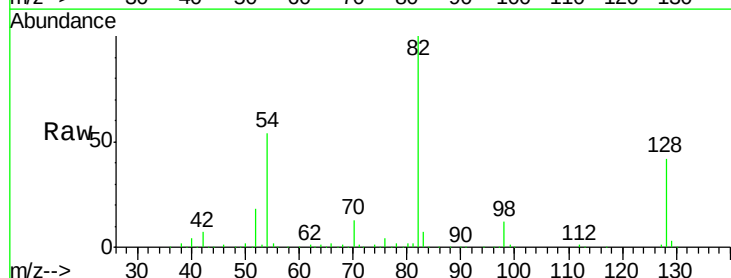
Instrument :
BNA_F
ClientSampleId :
B-15(13-14)

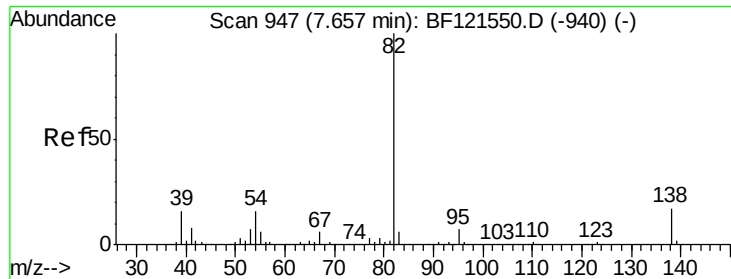
Tot Ion:136	Resp:	472154
Ion Ratio	Lower	Upper
136 100		
137 10.9	8.6	13.0
54 9.2	7.1	10.7
68 6.8	5.0	7.4



#23
Nitrobenzene-d5
Concen: 64.363 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF121804.D
Acq: 2 Oct 2020 20:20

Tgt Ion: 82	Resp: 565994
Ion Ratio	Lower Upper
82 100	
128 42.0	35.0 52.4
54 53.6	43.9 65.9





#25

Isophorone

Concen: 31.973 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.27 min

Lab File: BF121804.D

Acq: 2 Oct 2020 20:20

Instrument :

BNA_F

ClientSampleId :

B-15(13-14)

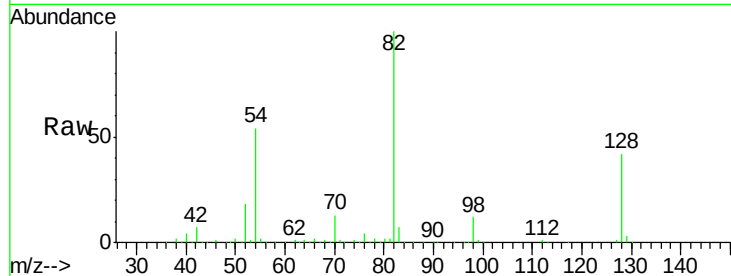
Tot Ion: 82 Resp: 565987

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

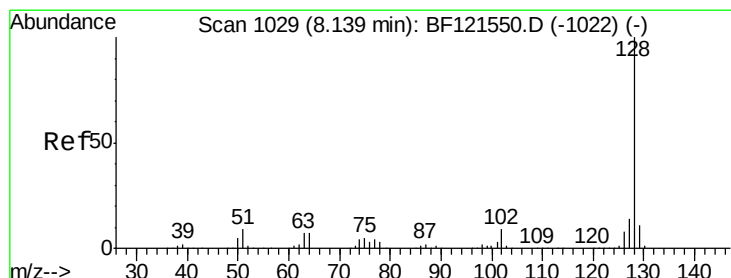
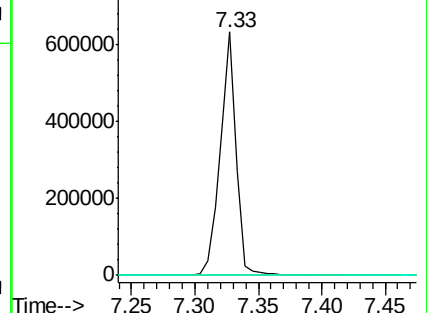
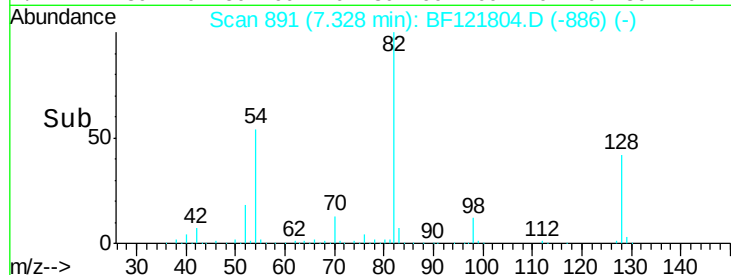
138 0.0 13.4 20.0#



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



#31

Naphthalene

Concen: 15.870 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF121804.D

Acq: 2 Oct 2020 20:20

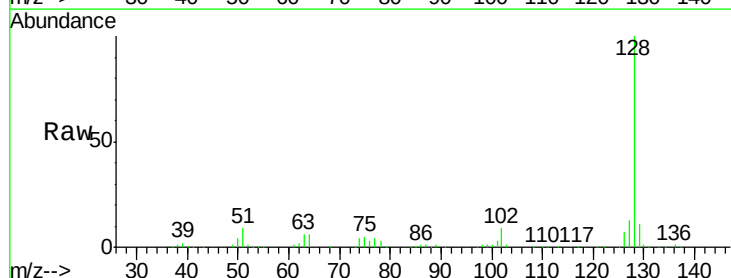
Tgt Ion: 128 Resp: 395547

Ion Ratio Lower Upper

128 100

129 10.9 8.7 13.1

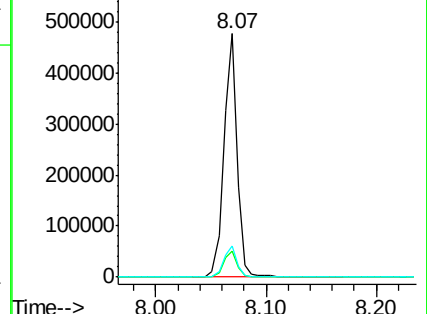
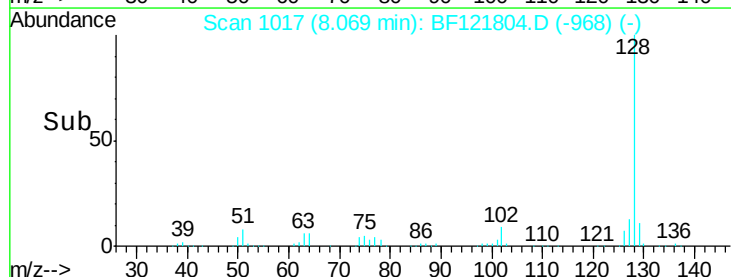
127 13.0 10.8 16.2

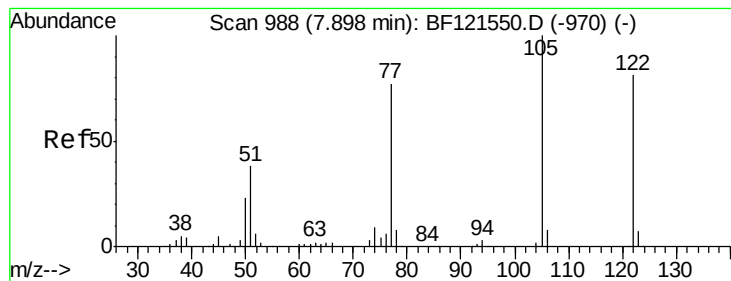


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 7.132 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF121804.D

Acq: 2 Oct 2020 20:20

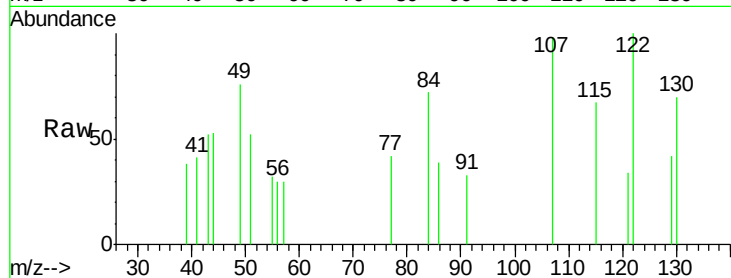
Instrument :

BNA_F

ClientSampled :

B-15(13-14)

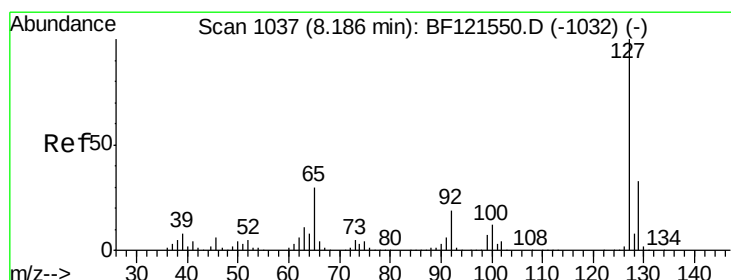
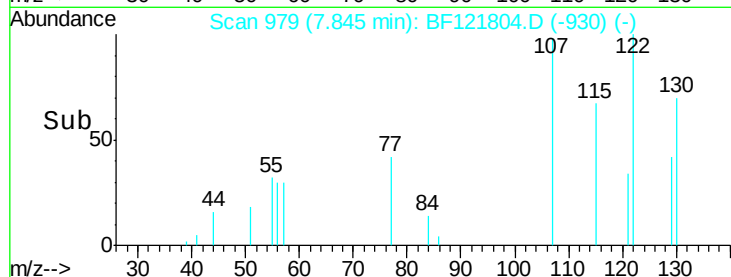
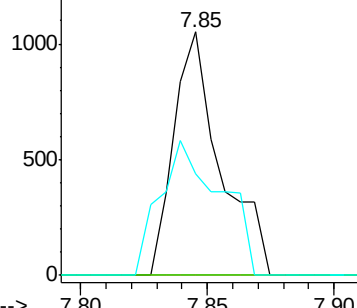
Tot Ion:	122	Resp:	1351
Ion Ratio	Lower	Upper	
122	100		
105	0.0	103.3	143.3#
77	41.6	73.9	113.9#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#33

4-Chloroaniline

Concen: 4.665 ng

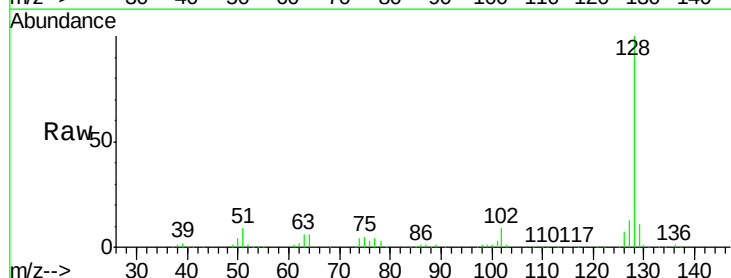
RT: 8.07 min Scan# 1017

Delta R.T. -0.06 min

Lab File: BF121804.D

Acq: 2 Oct 2020 20:20

Tgt Ion:	127	Resp:	50400
Ion Ratio	Lower	Upper	
127	100		
129	83.9	26.3	39.5#
65	0.0	26.2	39.2#
92	0.0	15.9	23.9#

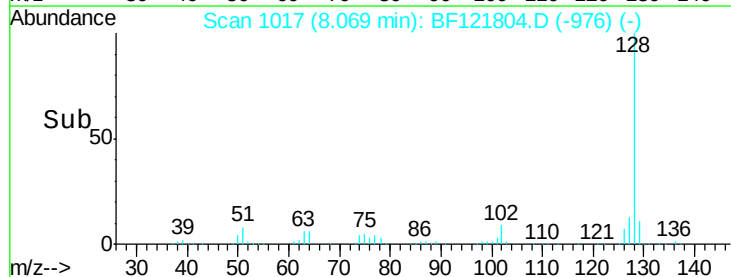
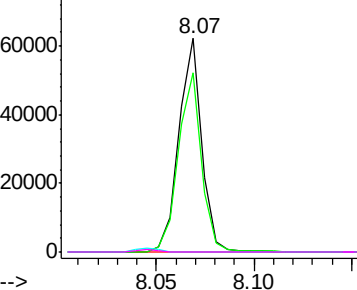


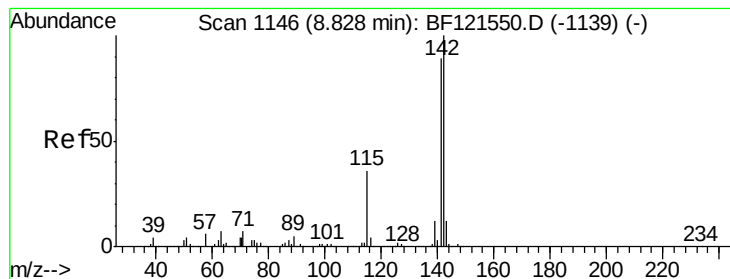
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1





#37

2-Methylnaphthalene

Concen: 7.073 ng

RT: 8.76 min Scan# 1134

Delta R.T. -0.01 min

Lab File: BF121804.D

Acq: 2 Oct 2020 20:20

Instrument :

BNA_F

ClientSampleId :

B-15(13-14)

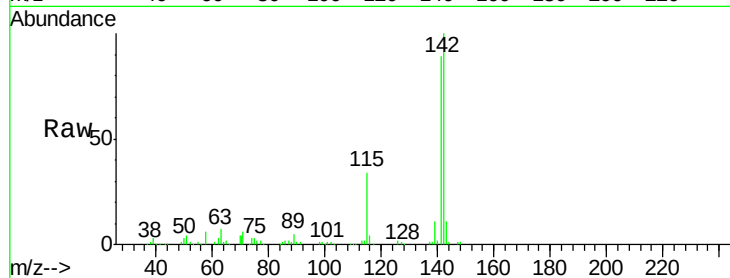
Tot Ion:142 Resp: 115522

Ion Ratio Lower Upper

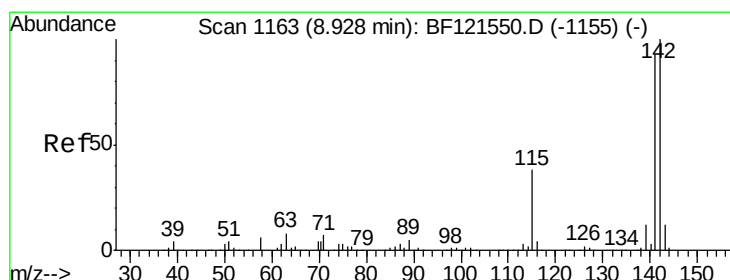
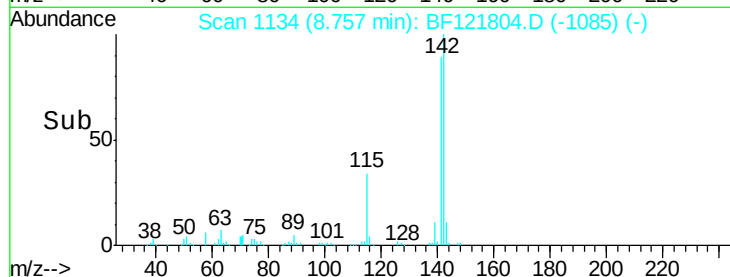
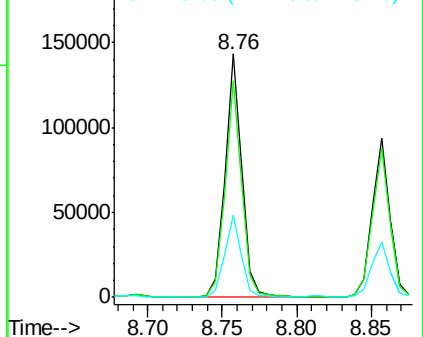
142 100

141 88.8 70.2 105.4

115 33.8 28.6 43.0



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 5.033 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF121804.D

Acq: 2 Oct 2020 20:20

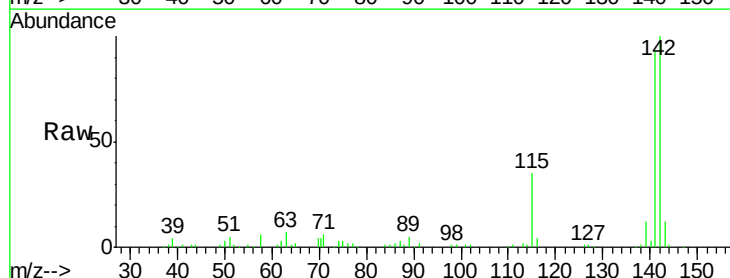
Tgt Ion:142 Resp: 76503

Ion Ratio Lower Upper

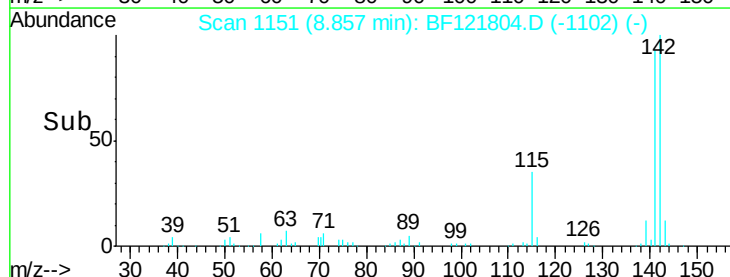
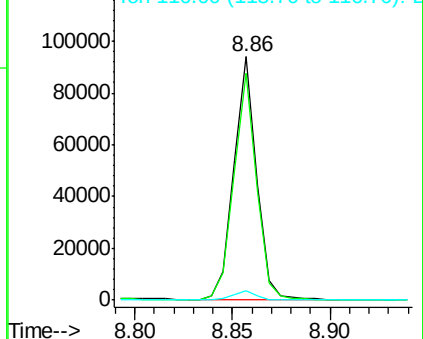
142 100

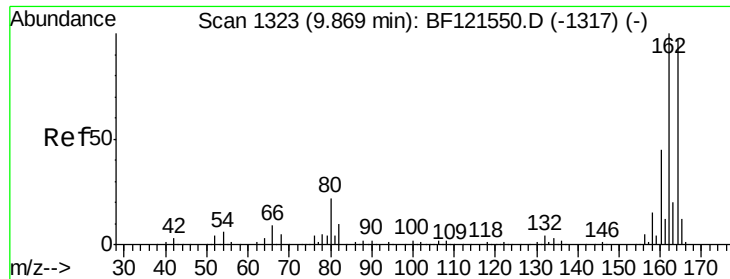
141 93.4 74.5 111.7

116 3.7 3.2 4.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF121804.D

Acq: 2 Oct 2020 20:20

Instrument :

BNA_F

ClientSampleId :

B-15(13-14)

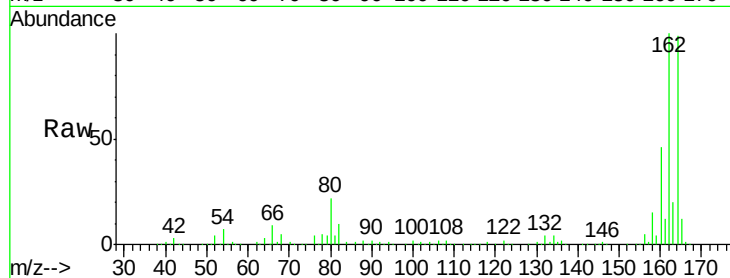
Tot Ion:164 Resp: 214143

Ion Ratio Lower Upper

164 100

162 101.0 83.2 124.8

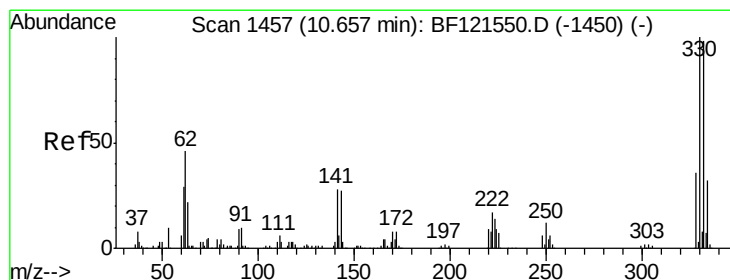
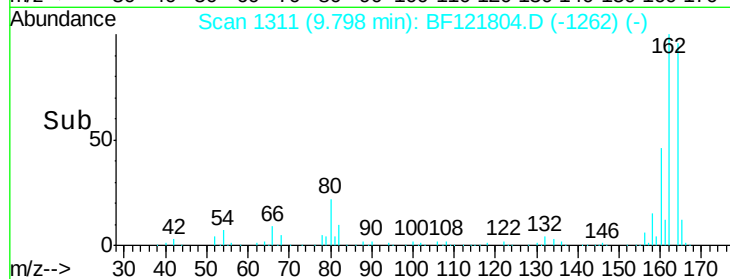
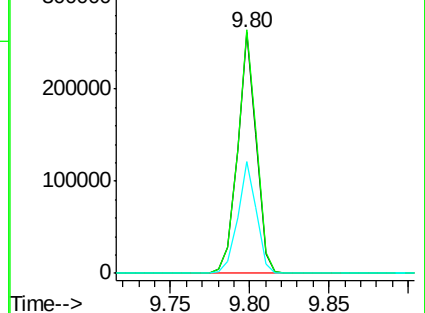
160 46.3 37.5 56.3



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: 17.799 ng

RT: 10.59 min Scan# 1445

Delta R.T. -0.02 min

Lab File: BF121804.D

Acq: 2 Oct 2020 20:20

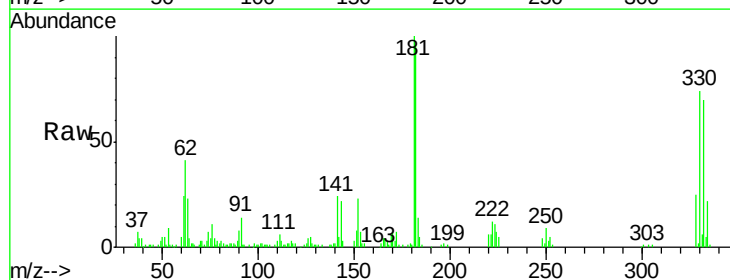
Tgt Ion:330 Resp: 47372

Ion Ratio Lower Upper

330 100

332 94.0 77.3 115.9

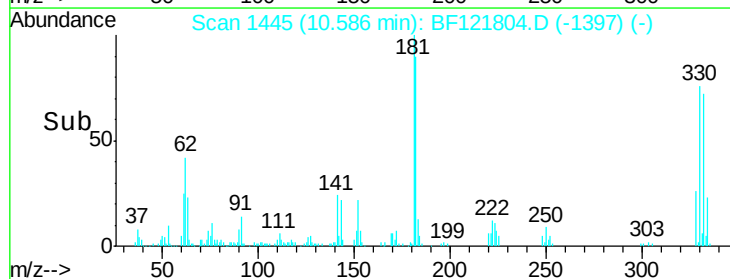
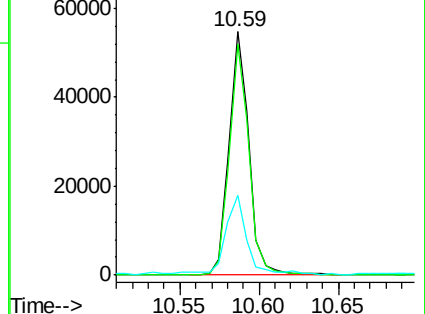
141 38.3 22.3 33.5#

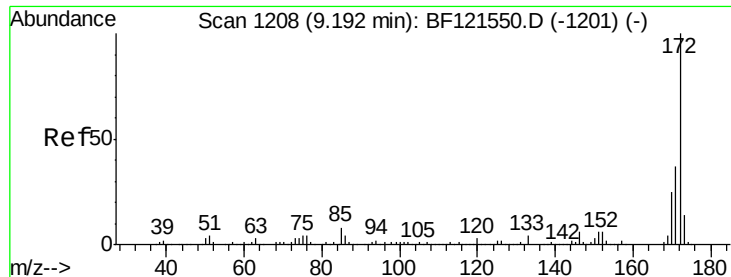


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

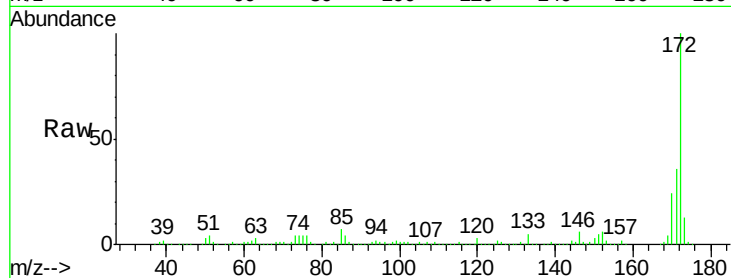




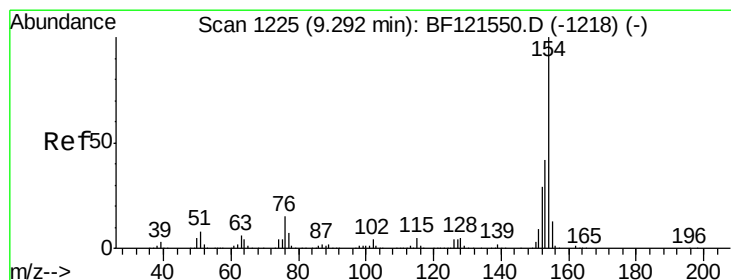
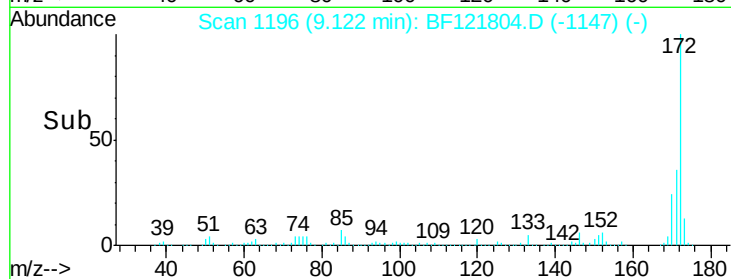
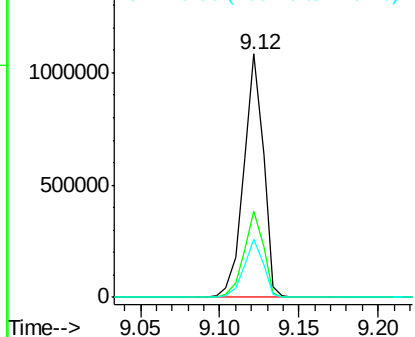
#45
 2-Fluorobiphenyl
 Concen: 65.686 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF121804.D
 Acq: 2 Oct 2020 20:20

Instrument :
 BNA_F
 ClientSampleId :
 B-15(13-14)

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.1	43.7
170	23.7	19.8	29.6

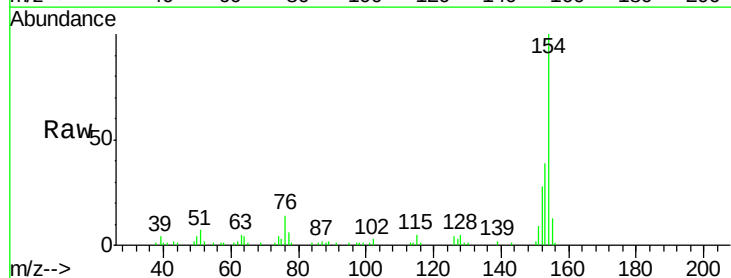


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

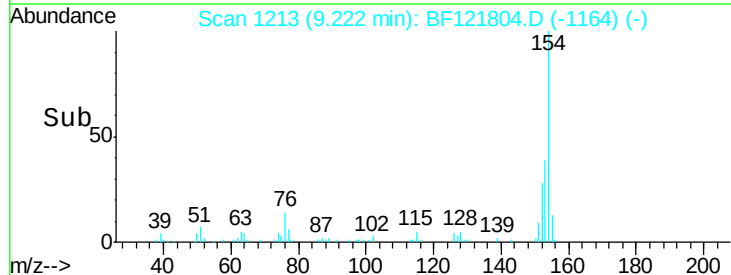
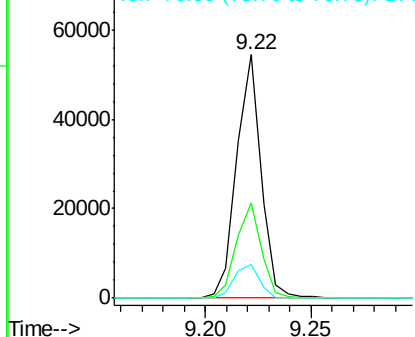


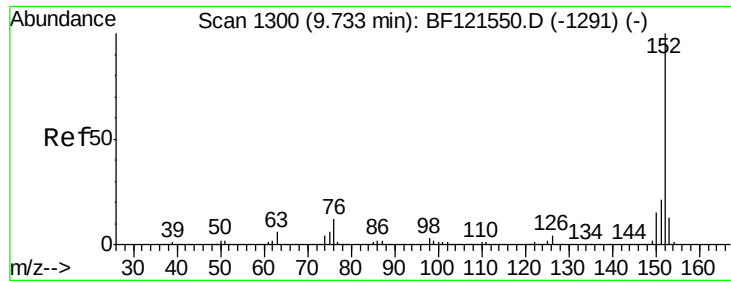
#46
 1,1'-Biphenyl
 Concen: 2.535 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF121804.D
 Acq: 2 Oct 2020 20:20

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.3	21.3	61.3
76	14.0	0.0	34.7



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1





#49

Acenaphthylene

Concen: 5.089 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.02 min

Lab File: BF121804.D

Acq: 2 Oct 2020 20:20

Instrument :

BNA_F

ClientSampleId :

B-15(13-14)

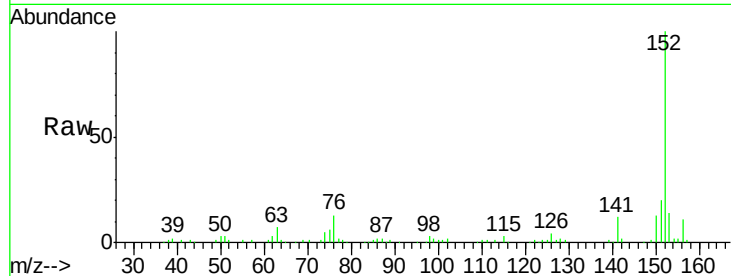
Tot Ion:152 Resp: 105623

Ion Ratio Lower Upper

152 100

151 19.8 16.4 24.6

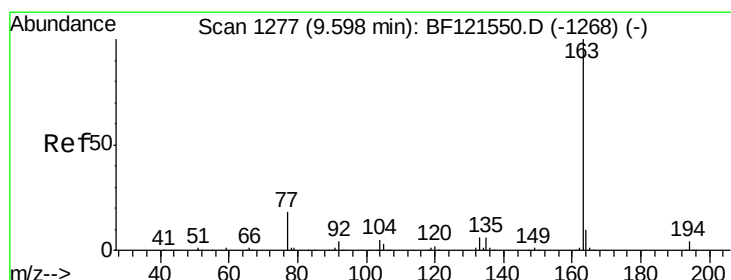
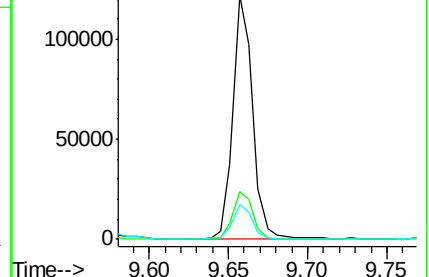
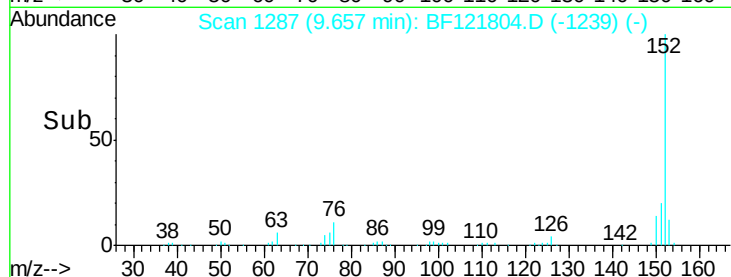
153 14.5 10.6 15.8



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: 8.223 ng

RT: 9.52 min Scan# 1263

Delta R.T. -0.02 min

Lab File: BF121804.D

Acq: 2 Oct 2020 20:20

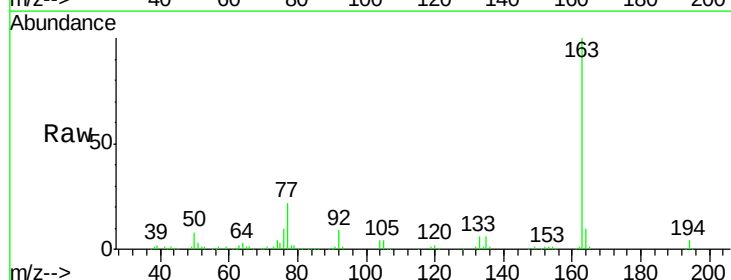
Tgt Ion:163 Resp: 127620

Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

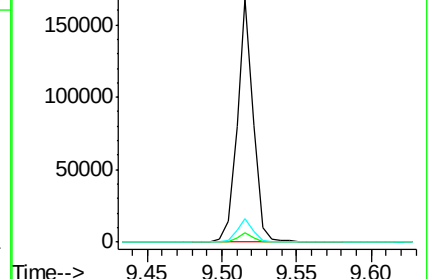
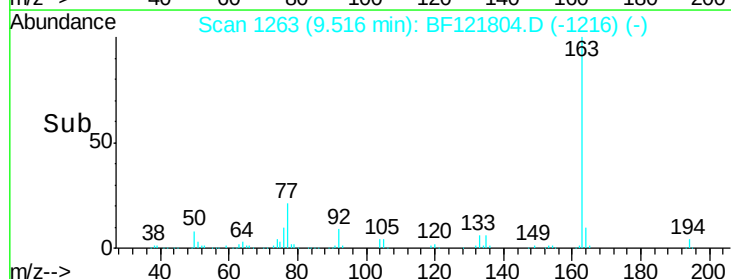
164 9.7 8.2 12.4

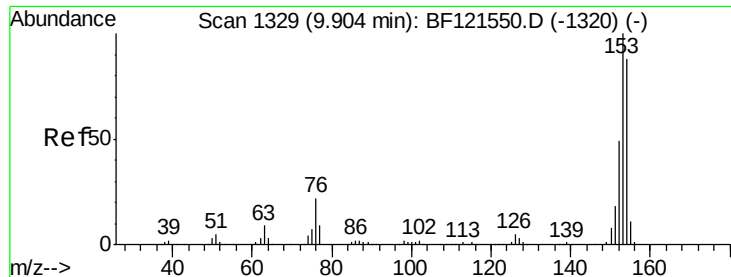


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#52

Acenaphthene

Concen: 16.021 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF121804.D

Acq: 2 Oct 2020 20:20

Instrument :

BNA_F

ClientSampleId :

B-15(13-14)

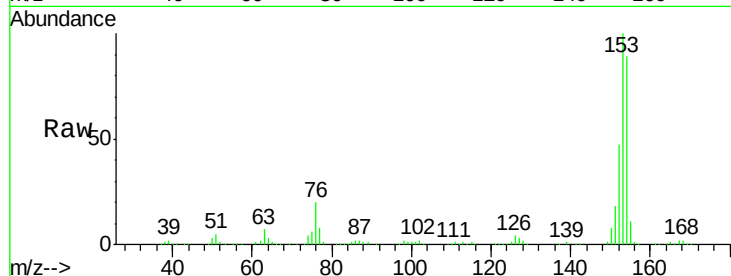
Tot Ion:154 Resp: 210046

Ion Ratio Lower Upper

154 100

153 113.0 89.8 134.8

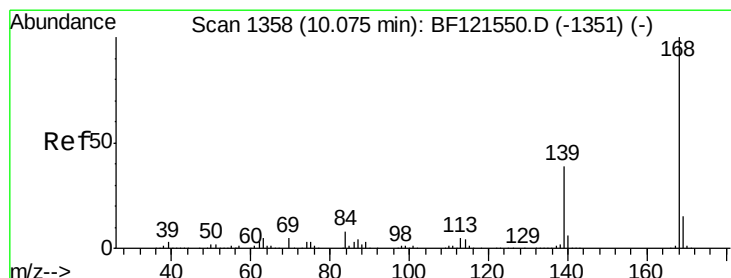
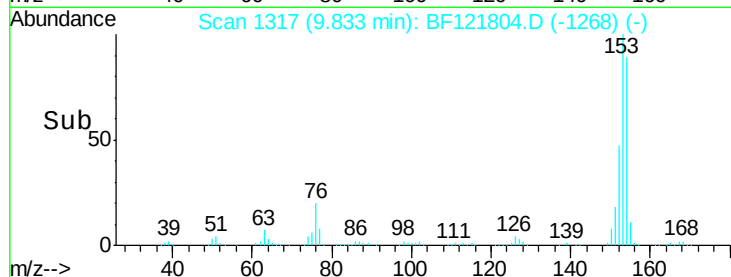
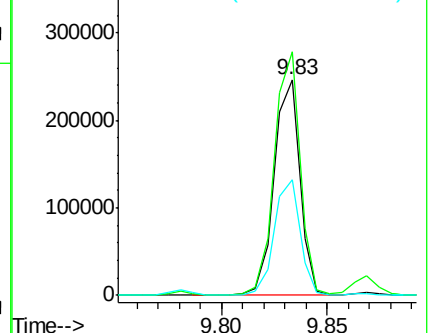
152 53.6 43.2 64.8



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



#55

Dibenzofuran

Concen: 14.401 ng

RT: 10.00 min Scan# 1346

Delta R.T. -0.01 min

Lab File: BF121804.D

Acq: 2 Oct 2020 20:20

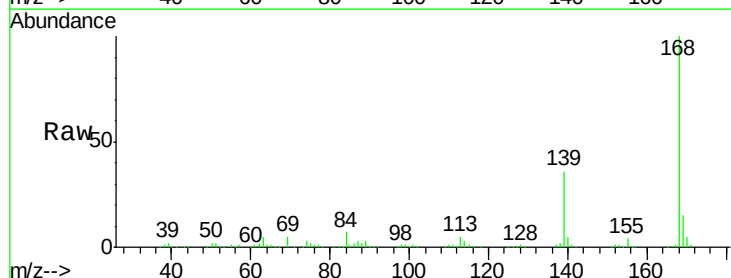
Tgt Ion:168 Resp: 265879

Ion Ratio Lower Upper

168 100

139 36.4 31.0 46.6

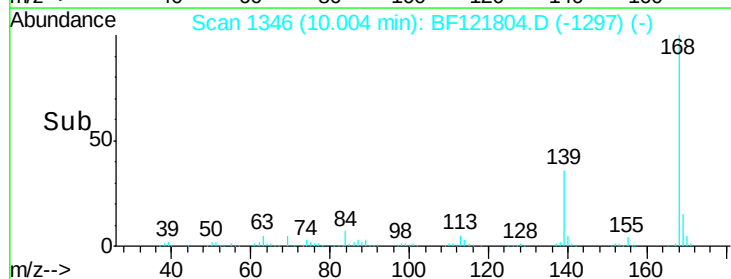
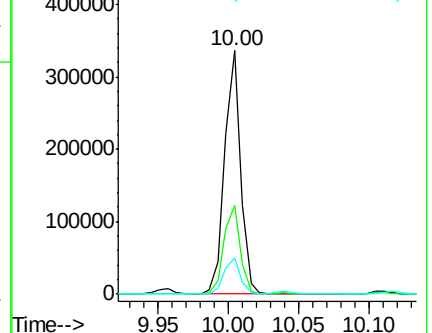
169 14.7 11.3 16.9

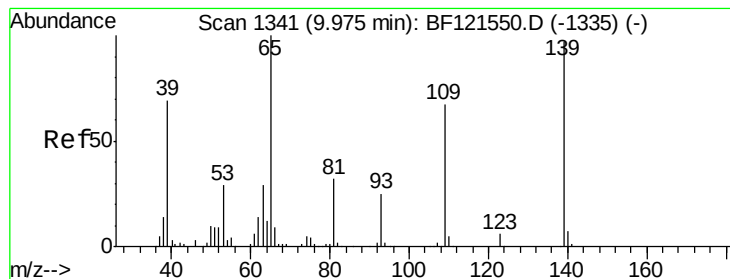


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#56

4-Nitrophenol

Concen: 32.601 ng

RT: 10.00 min Scan# 1346

Delta R.T. 0.06 min

Lab File: BF121804.D

Acq: 2 Oct 2020 20:20

Instrument :

BNA_F

ClientSampleId :

B-15(13-14)

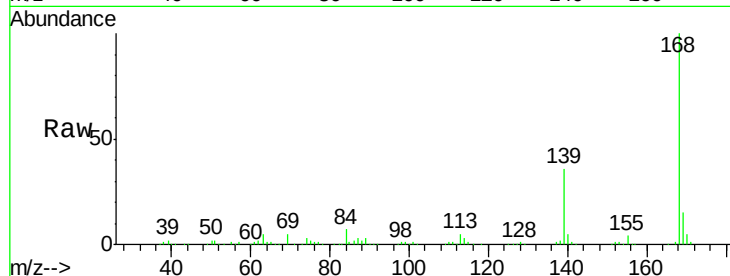
Tot Ion:139 Resp: 99553

Ion Ratio Lower Upper

139 100

109 1.0 45.4 85.4#

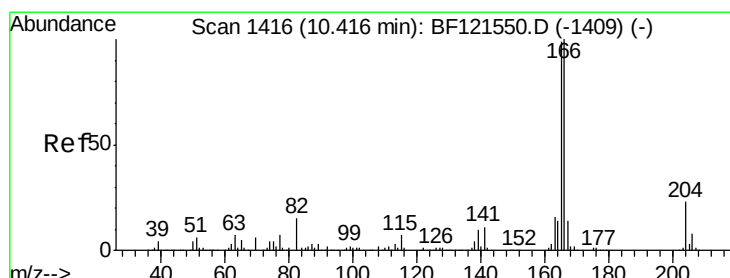
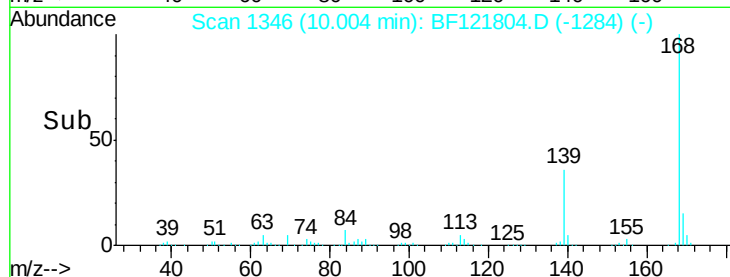
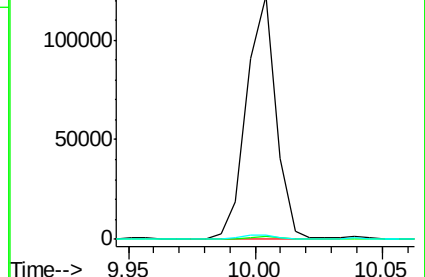
65 1.6 68.4 108.4#



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



#58

Fluorene

Concen: 25.180 ng

RT: 10.35 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BF121804.D

Acq: 2 Oct 2020 20:20

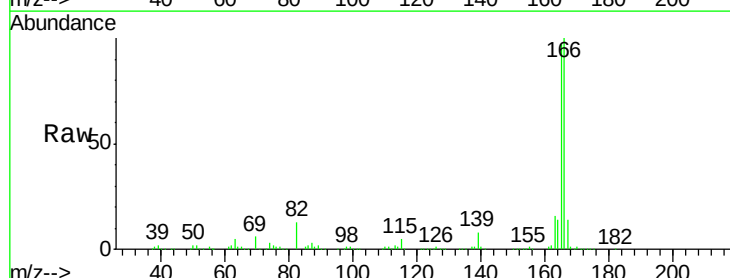
Tgt Ion:166 Resp: 355513

Ion Ratio Lower Upper

166 100

165 97.4 79.1 118.7

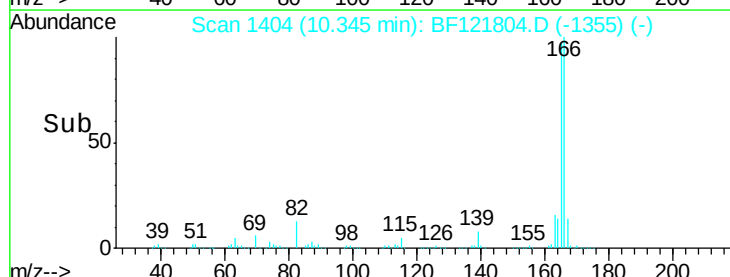
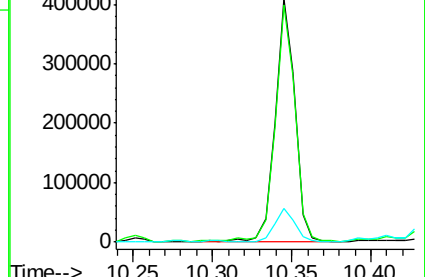
167 13.9 11.0 16.6

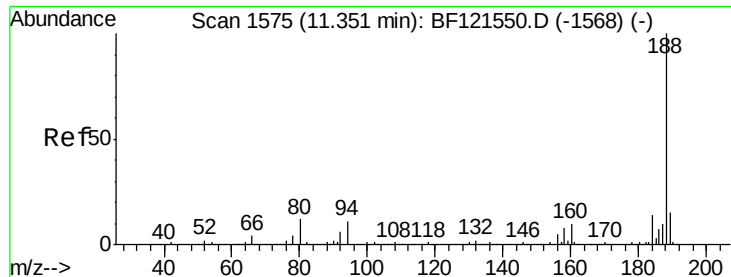


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

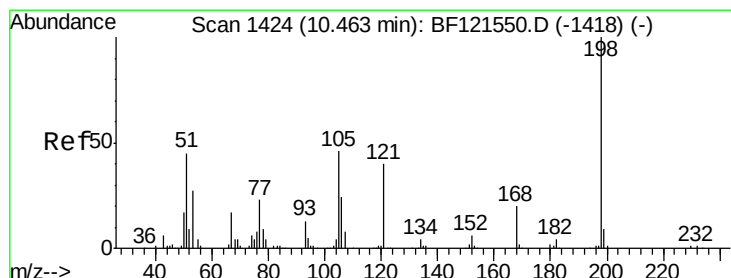
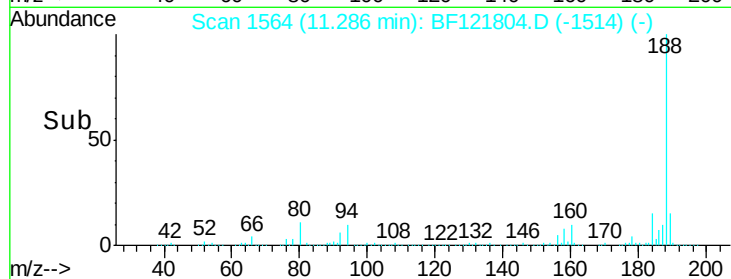
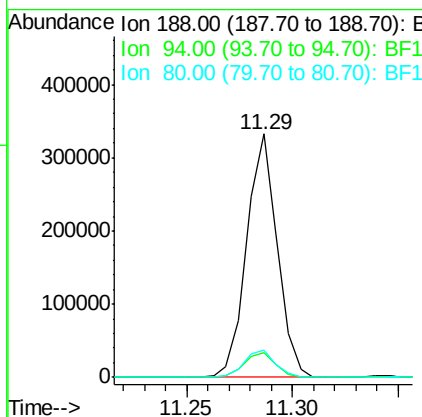
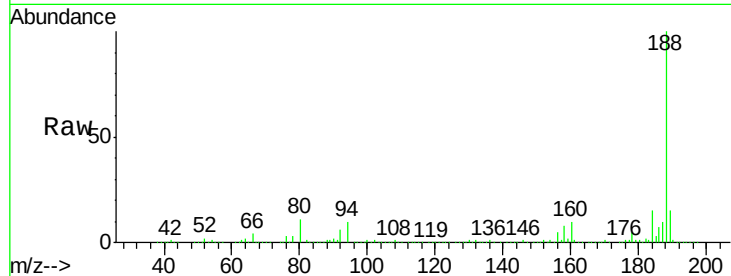




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF121804.D
 Acq: 2 Oct 2020 20:20

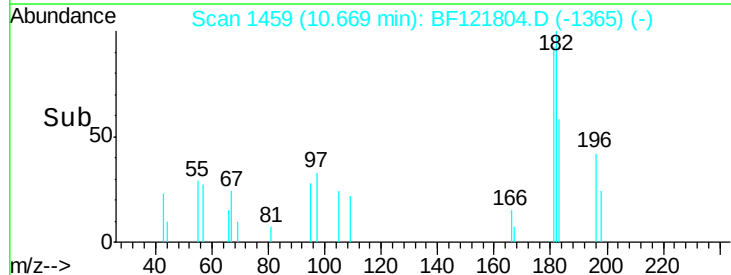
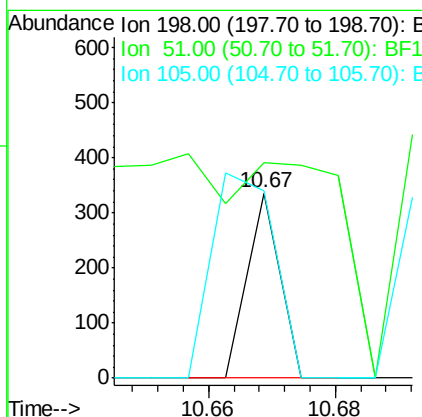
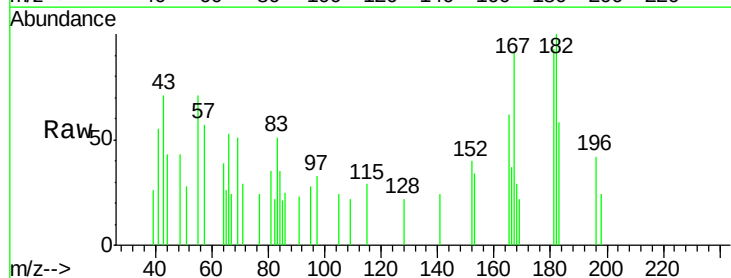
Instrument :
 BNA_F
 ClientSampleId :
 B-15(13-14)

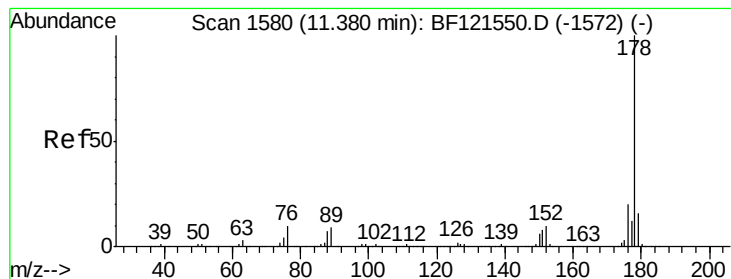
Tot Ion:188 Resp: 333960
 Ion Ratio Lower Upper
 188 100
 94 10.1 8.3 12.5
 80 11.2 9.1 13.7



#65
 4,6-Dinitro-2-methylphenol
 Concen: 6.902 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. 0.25 min
 Lab File: BF121804.D
 Acq: 2 Oct 2020 20:20

Tgt Ion:198 Resp: 119
 Ion Ratio Lower Upper
 198 100
 51 116.7 29.6 69.6#
 105 101.5 24.4 64.4#





#71

Phenanthrene

Concen: 121.526 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF121804.D

Acq: 2 Oct 2020 20:20

Instrument :

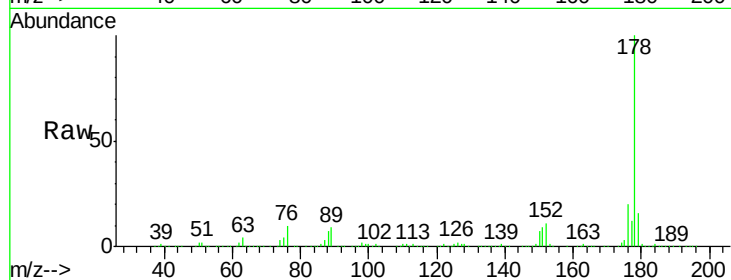
BNA_F

ClientSampleId :

B-15(13-14)

Tot Ion:178 Resp: 2211225

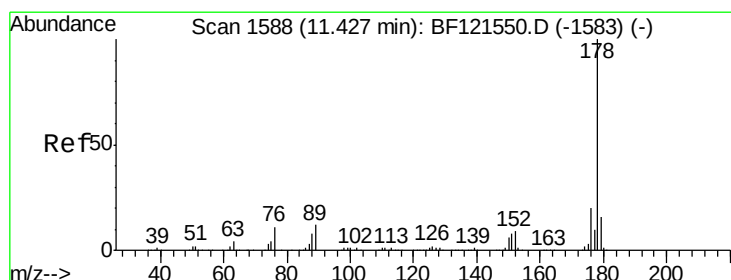
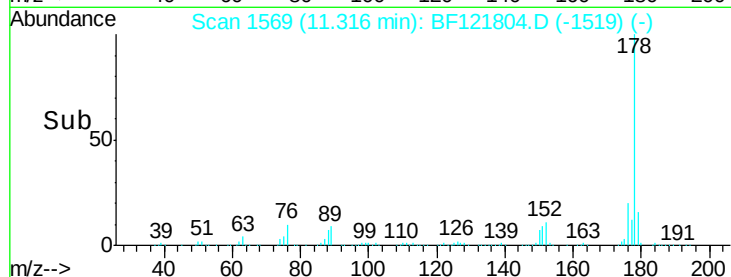
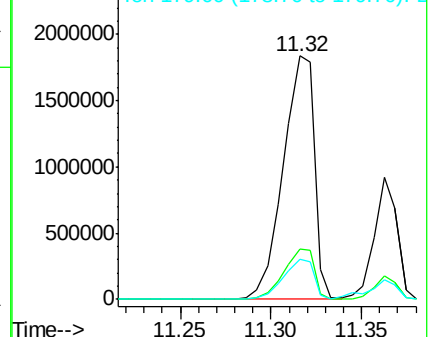
Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.9	23.9
179	16.3	12.2	18.4



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: 41.979 ng

RT: 11.36 min Scan# 1577

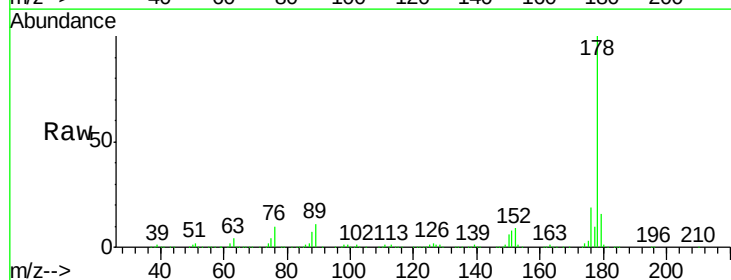
Delta R.T. -0.01 min

Lab File: BF121804.D

Acq: 2 Oct 2020 20:20

Tgt Ion:178 Resp: 788238

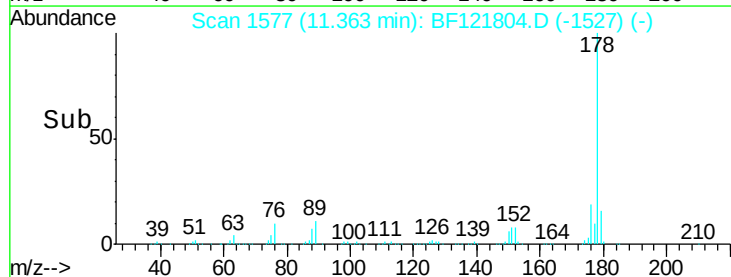
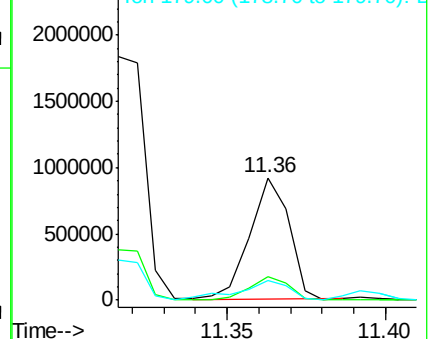
Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.7	23.5
179	15.8	12.7	19.1

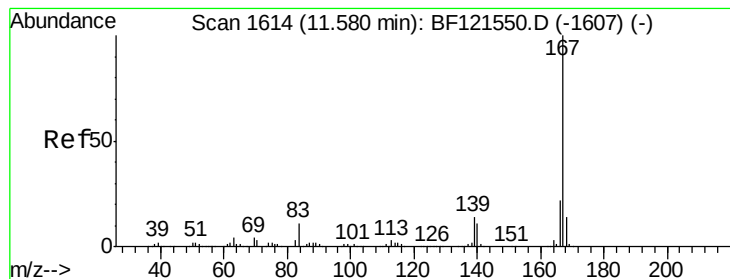


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 16.756 ng

RT: 11.52 min Scan# 1603

Delta R.T. -0.01 min

Lab File: BF121804.D

Acq: 2 Oct 2020 20:20

Instrument :

BNA_F

ClientSampleId :

B-15(13-14)

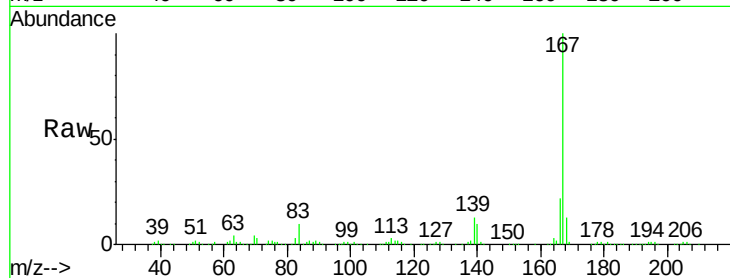
Tot Ion:167 Resp: 283926

Ion Ratio Lower Upper

167 100

166 21.5 17.8 26.6

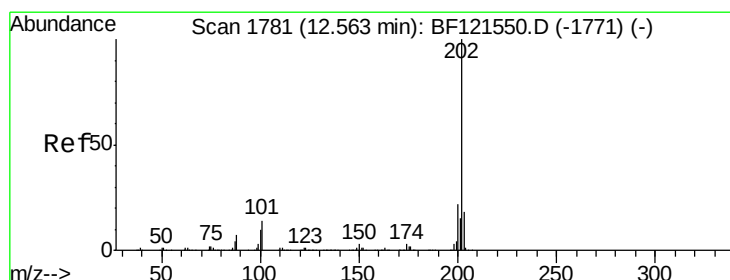
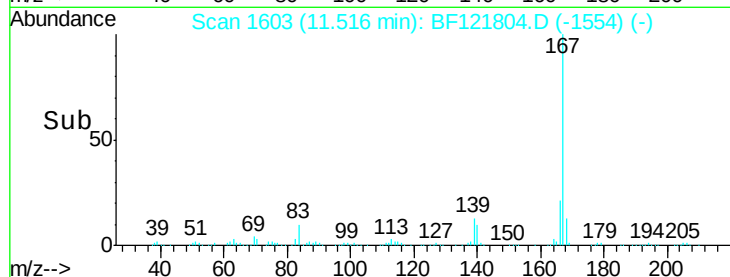
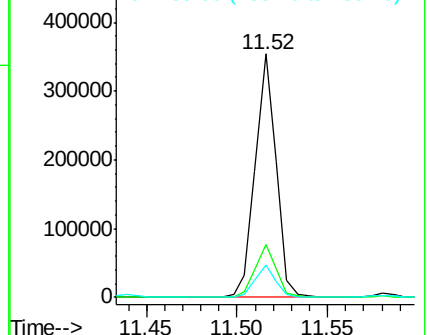
139 13.2 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#75

Fluoranthene

Concen: 129.699 ng

RT: 12.51 min Scan# 1772

Delta R.T. 0.01 min

Lab File: BF121804.D

Acq: 2 Oct 2020 20:20

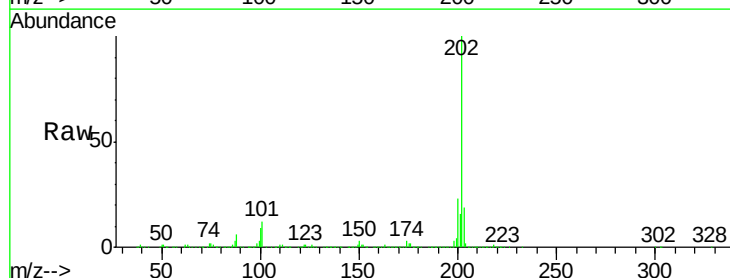
Tgt Ion:202 Resp: 2519219

Ion Ratio Lower Upper

202 100

101 12.3 0.0 33.4

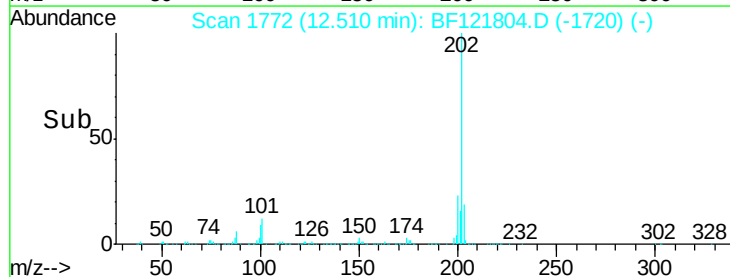
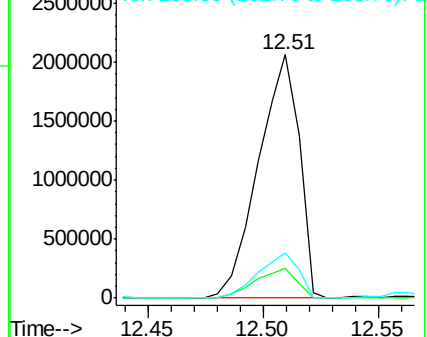
203 18.7 0.0 37.9

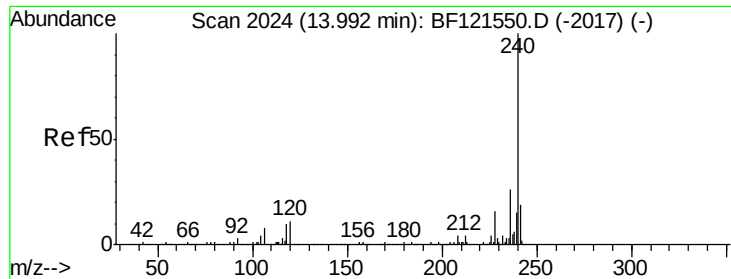


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

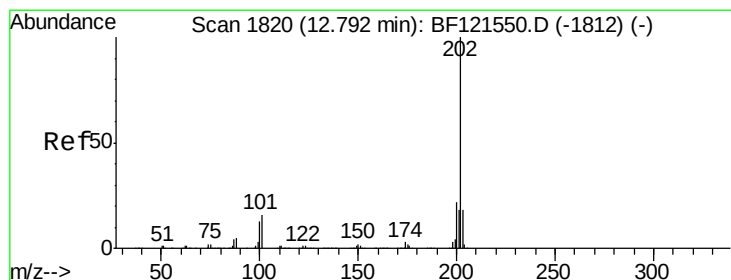
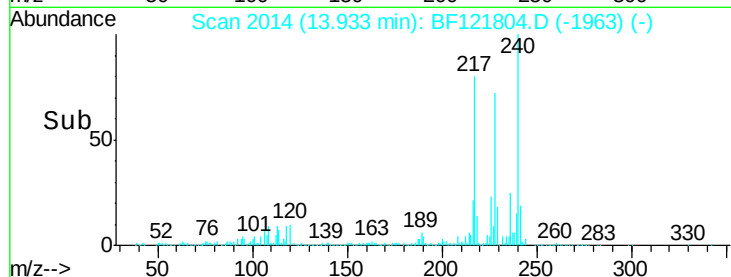
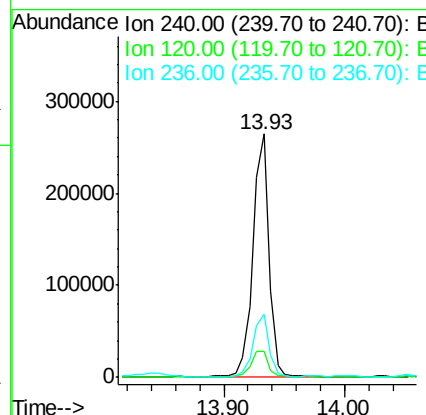
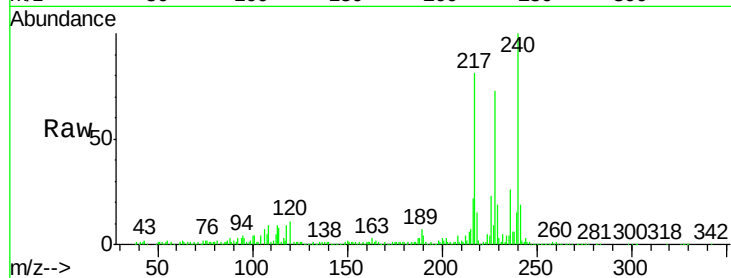




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.93 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BF121804.D
Acq: 2 Oct 2020 20:20

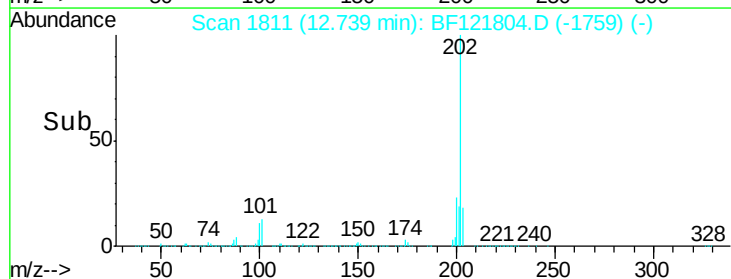
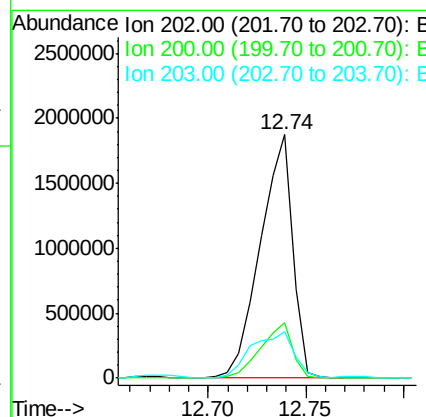
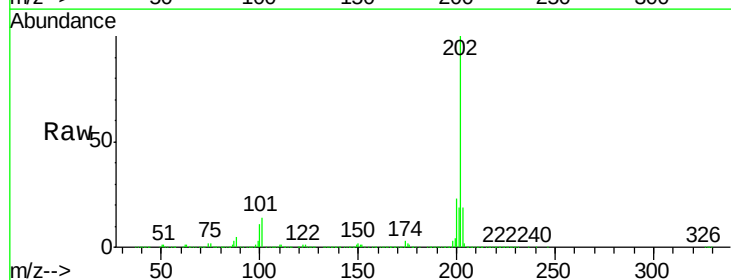
Instrument :
BNA_F
ClientSampleId :
B-15(13-14)

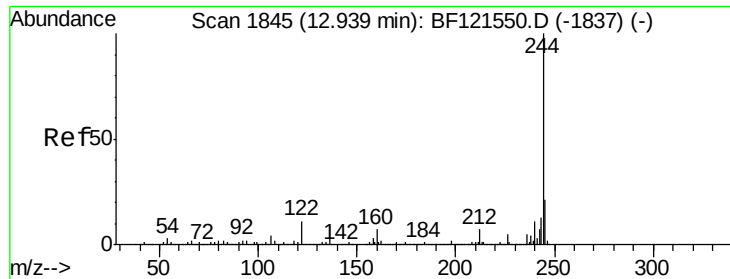
Tot Ion:240 Resp: 246015
Ion Ratio Lower Upper
240 100
120 10.6 9.2 13.8
236 25.7 20.9 31.3



#78
Pyrene
Concen: 119.542 ng
RT: 12.74 min Scan# 1811
Delta R.T. 0.01 min
Lab File: BF121804.D
Acq: 2 Oct 2020 20:20

Tgt Ion:202 Resp: 2148713
Ion Ratio Lower Upper
202 100
200 22.6 17.4 26.2
203 18.9 14.6 21.8





#79

Terphenyl-d14

Concen: 58.641 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BF121804.D

Acq: 2 Oct 2020 20:20

Instrument :

BNA_F

ClientSampleId :

B-15(13-14)

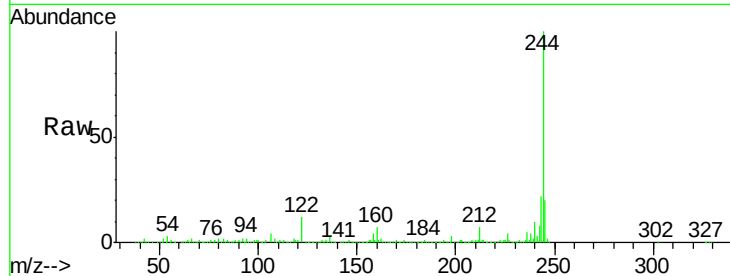
Tot Ion:244 Resp: 712100

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

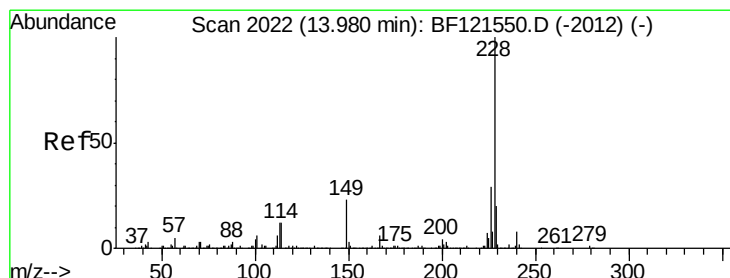
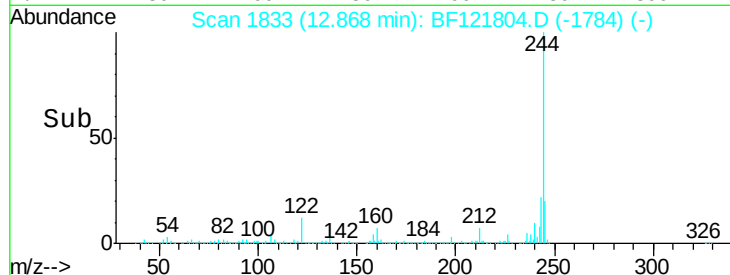
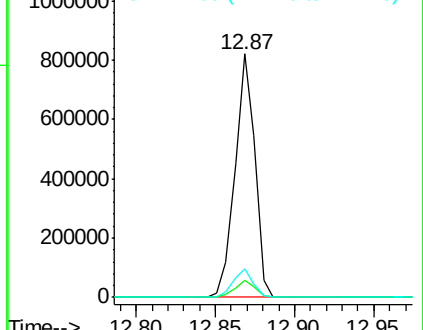
122 11.8 8.1 12.1



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: 90.953 ng

RT: 13.92 min Scan# 2012

Delta R.T. 0.00 min

Lab File: BF121804.D

Acq: 2 Oct 2020 20:20

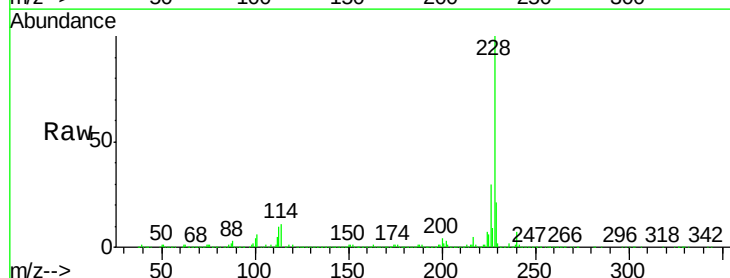
Tgt Ion:228 Resp: 1415611

Ion Ratio Lower Upper

228 100

226 29.9 22.3 33.5

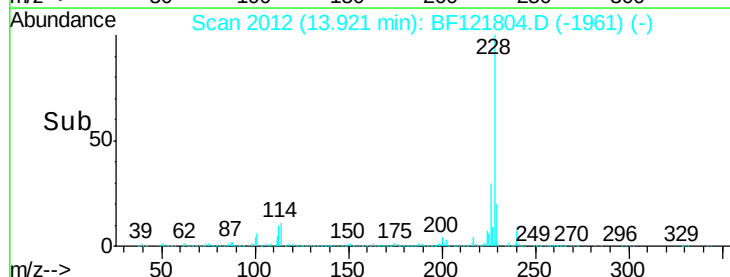
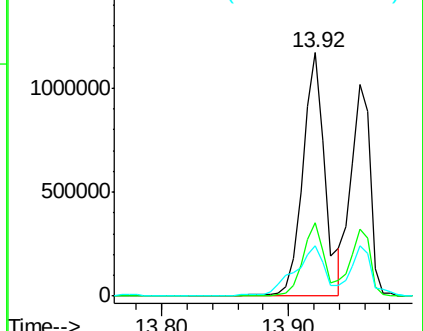
229 20.9 16.2 24.4

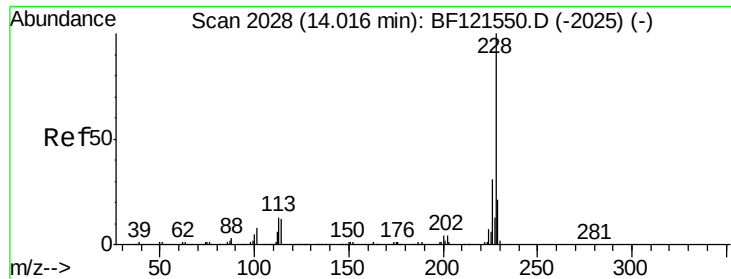


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

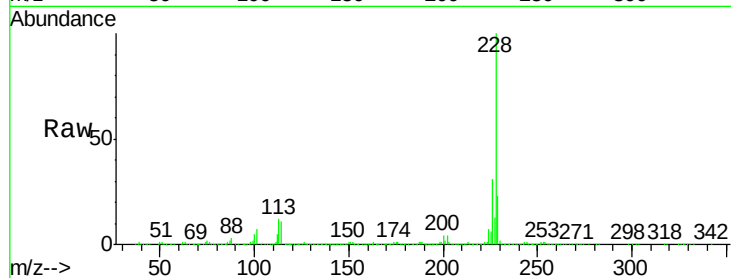




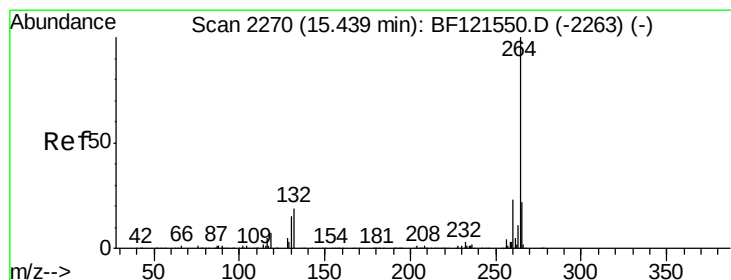
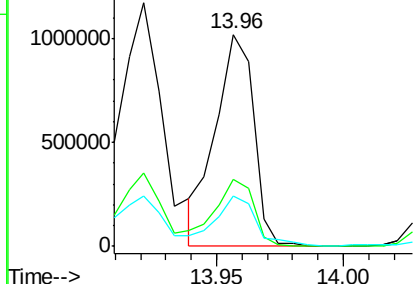
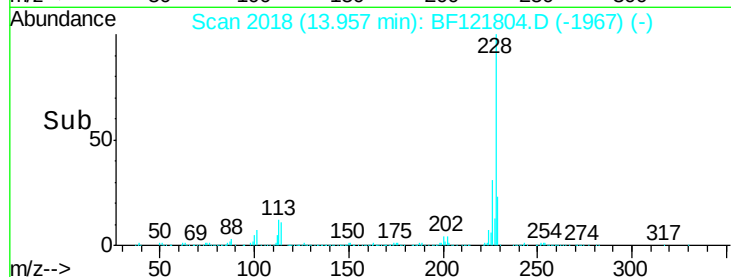
#83
Chrysene
Concen: 67.644 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BF121804.D
Acq: 2 Oct 2020 20:20

Instrument :
BNA_F
ClientSampleId :
B-15(13-14)

Tot Ion:228 Resp: 1066114
Ion Ratio Lower Upper
228 100
226 31.5 24.6 37.0
229 23.5 15.9 23.9

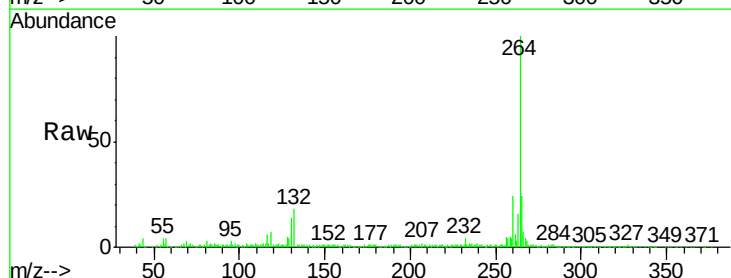


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

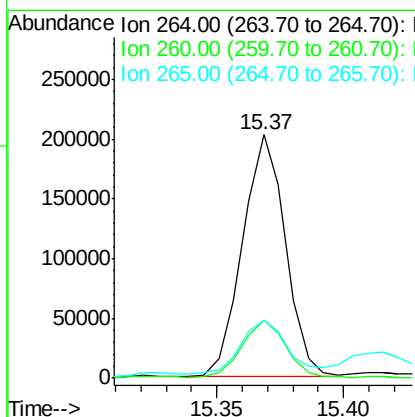
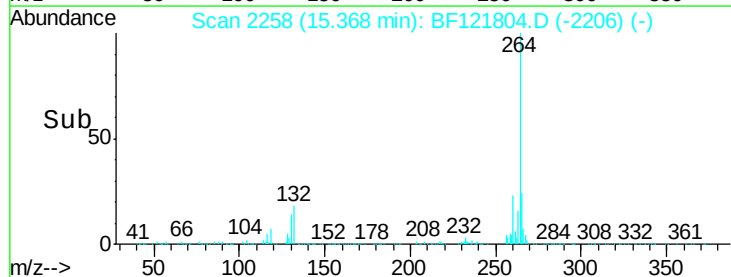


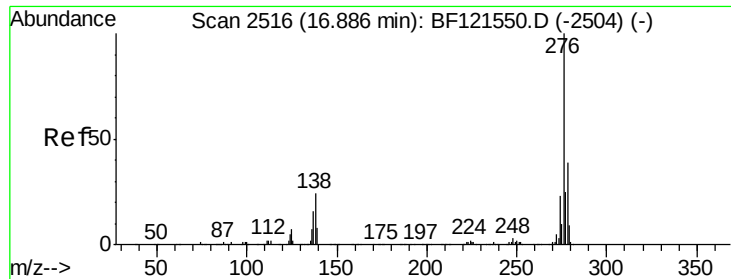
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.01 min
Lab File: BF121804.D
Acq: 2 Oct 2020 20:20

Tgt Ion:264 Resp: 237654
Ion Ratio Lower Upper
264 100
260 23.7 18.7 28.1
265 24.0 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

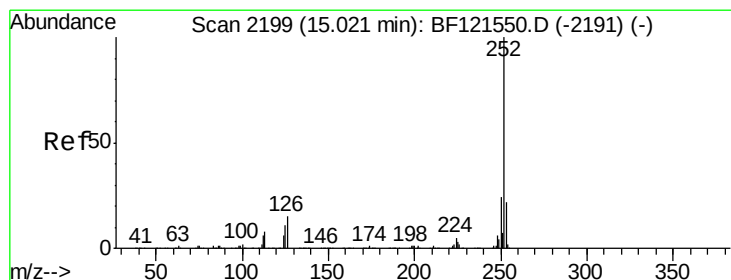
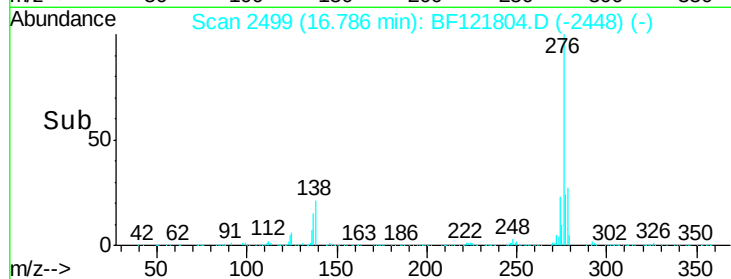
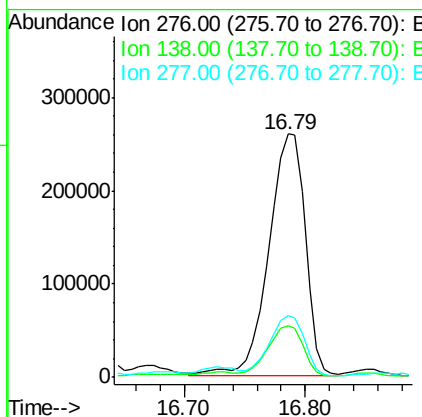
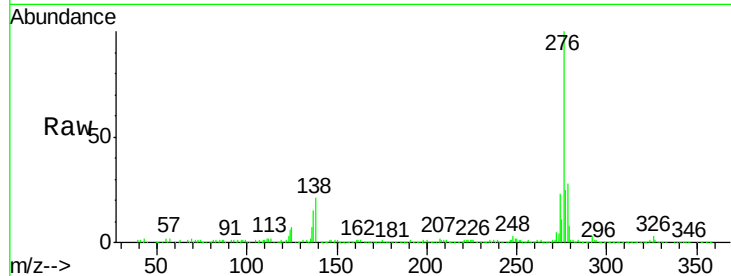




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 35.171 ng
 RT: 16.79 min Scan# 2499
 Delta R.T. 0.00 min
 Lab File: BF121804.D
 Acq: 2 Oct 2020 20:20

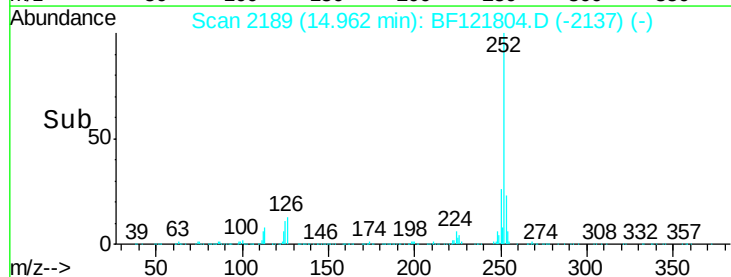
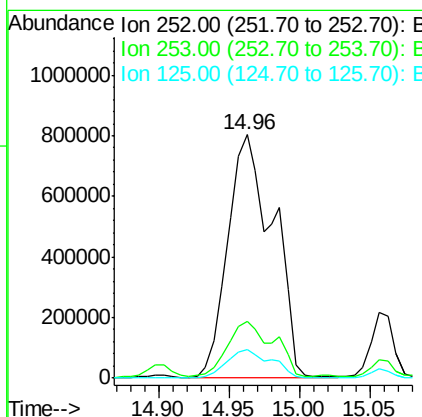
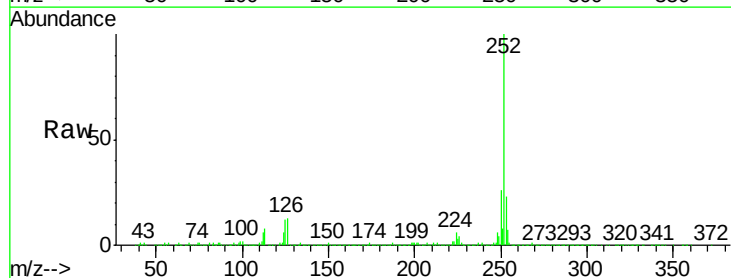
Instrument :
 BNA_F
 ClientSampleId :
 B-15(13-14)

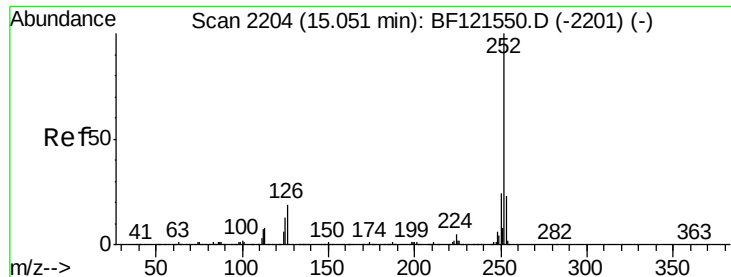
Tot Ion	Ratio	Lower	Upper
276	100		
138	20.4	19.9	29.9
277	24.0	20.4	30.6



#88
 Benzo(b)fluoranthene
 Concen: 112.985 ng
 RT: 14.96 min Scan# 2189
 Delta R.T. 0.01 min
 Lab File: BF121804.D
 Acq: 2 Oct 2020 20:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.2
125	11.6	8.0	12.0

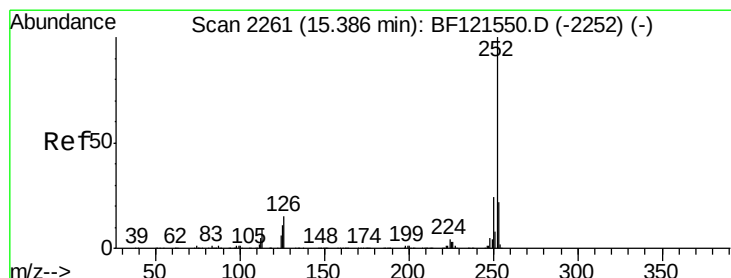
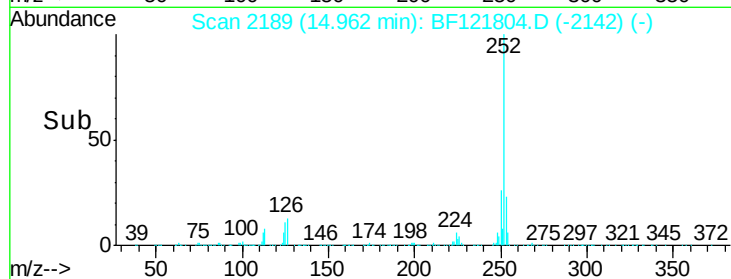
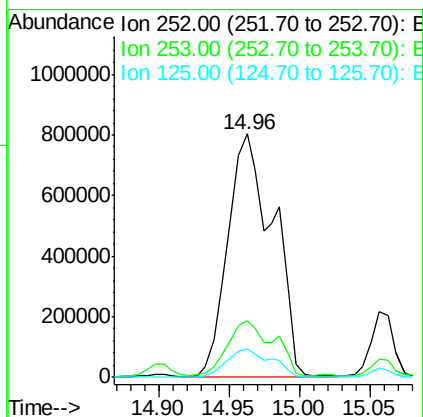
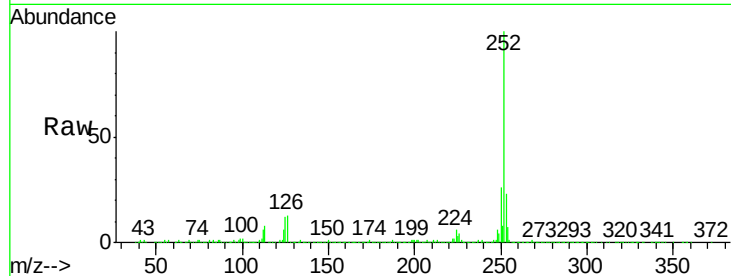




#89
Benzo(k)fluoranthene
Concen: 123.381 ng
RT: 14.96 min Scan# 2189
Delta R.T. -0.02 min
Lab File: BF121804.D
Acq: 2 Oct 2020 20:20

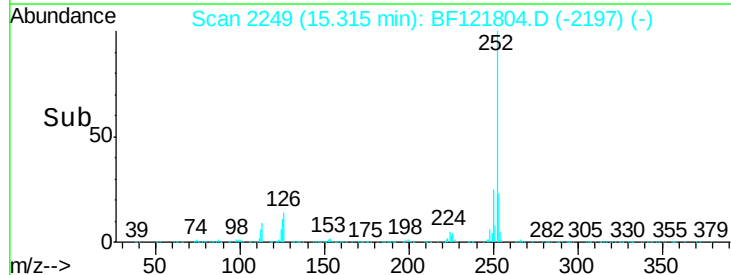
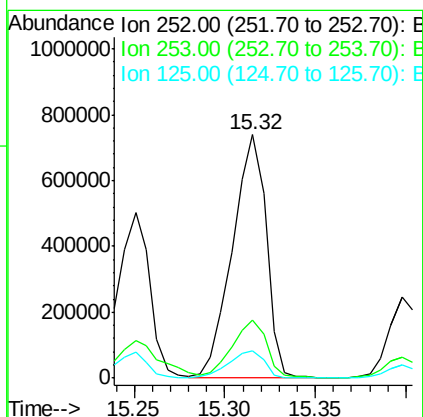
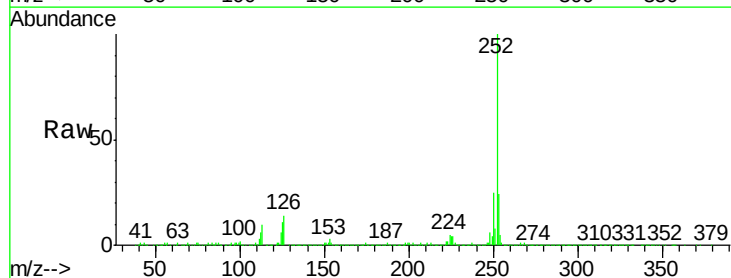
Instrument :
BNA_F
ClientSampleId :
B-15(13-14)

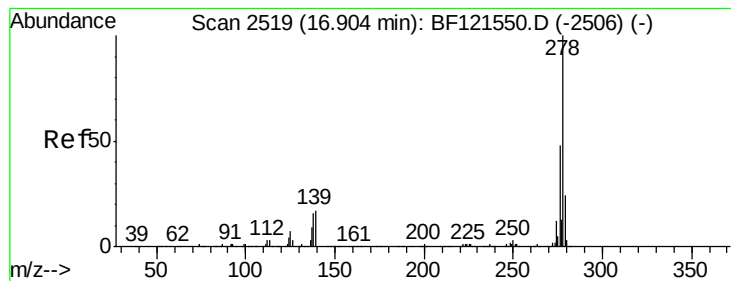
Tot Ion:252 Resp: 1795045
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.6
125 11.6 7.7 11.5#



#90
Benzo(a)pyrene
Concen: 70.769 ng
RT: 15.32 min Scan# 2249
Delta R.T. 0.01 min
Lab File: BF121804.D
Acq: 2 Oct 2020 20:20

Tgt Ion:252 Resp: 955724
Ion Ratio Lower Upper
252 100
253 24.0 17.3 25.9
125 11.4 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 9.937 ng

RT: 16.94 min Scan# 2526

Delta R.T. 0.15 min

Lab File: BF121804.D

Acq: 2 Oct 2020 20:20

Instrument :

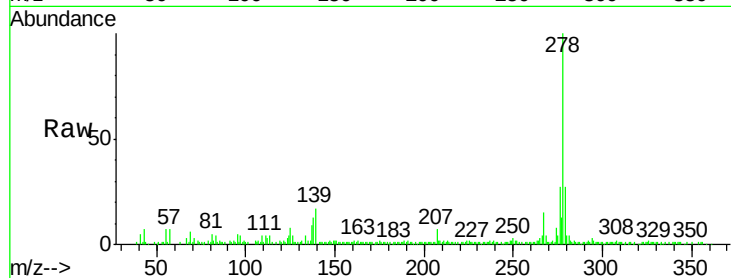
BNA_F

ClientSampleId :

B-15(13-14)

Tot Ion:278 Resp: 128017

Ion	Ratio	Lower	Upper
278	100		
139	17.2	13.0	19.4
279	27.5	19.0	28.4

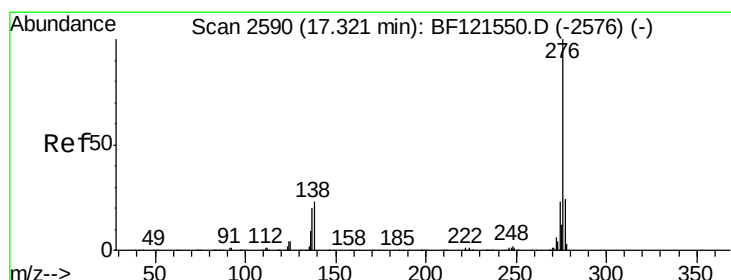
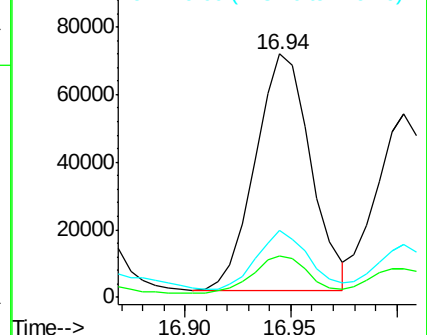
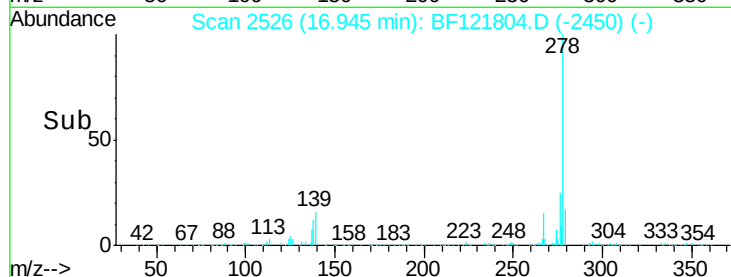


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 36.645 ng

RT: 17.22 min Scan# 2572

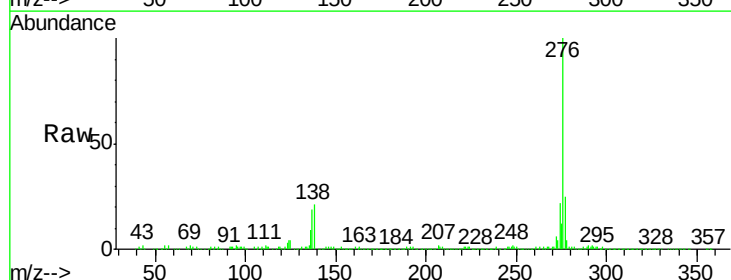
Delta R.T. 0.01 min

Lab File: BF121804.D

Acq: 2 Oct 2020 20:20

Tgt Ion:276 Resp: 464073

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.4	29.2
138	21.3	17.8	26.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

