

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030618\
 Data File : BF103454.D
 Acq On : 6 Mar 2018 14:30
 Operator : SJ/JU
 Sample : J1783-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 06 16:22:04 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 06 11:52:59 2018
 Response via : Initial Calibration

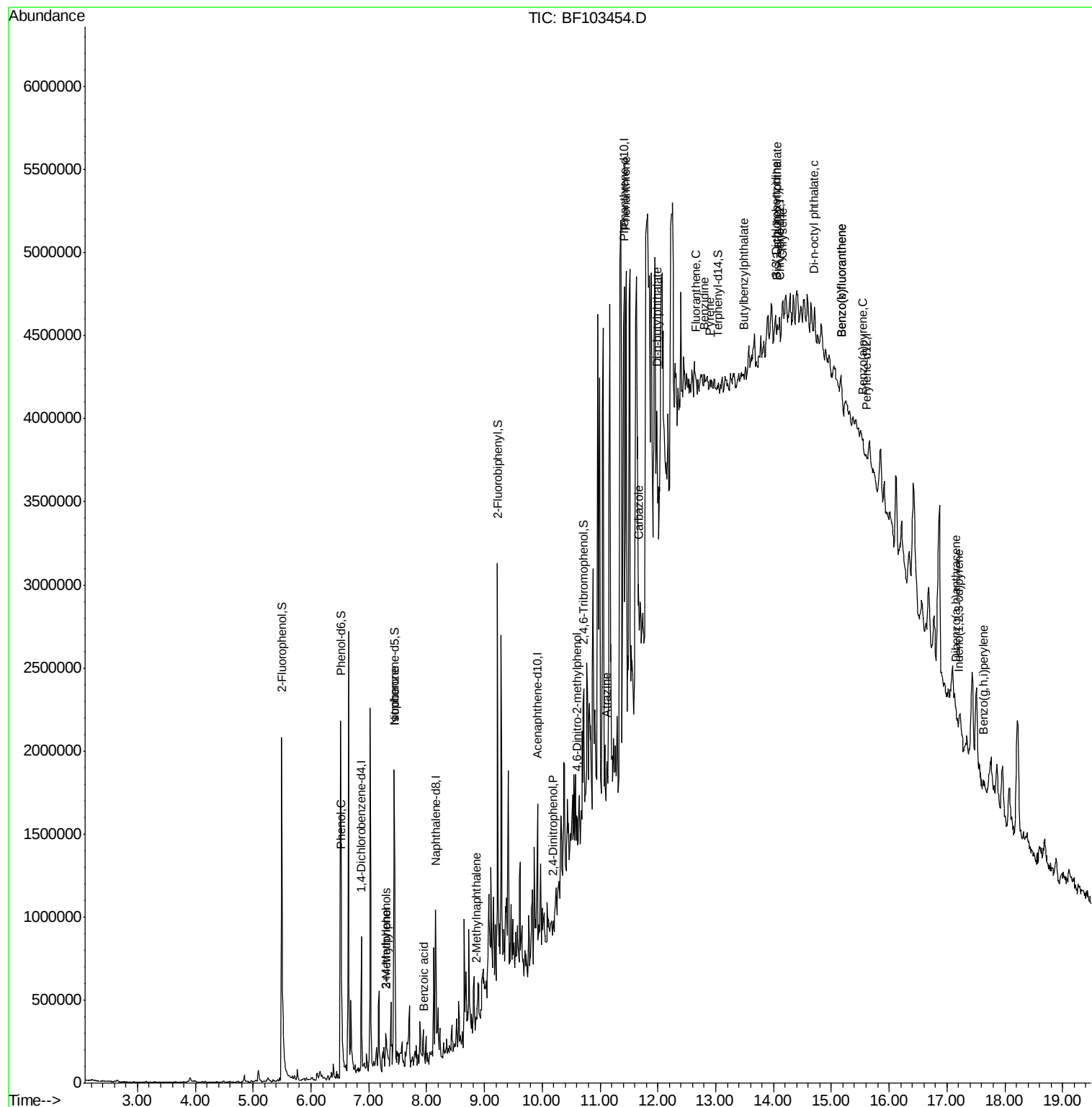
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	119350	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	471010	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	179428	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	99607	20.00	ng	0.00
75) Chrysene-d12	14.12	240	1983	20.00	ng	0.05
86) Perylene-d12	15.60	264	2109	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	871221	110.40	ng	0.00
7) Phenol-d6	6.52	99	1023445	105.99	ng	0.00
23) Nitrobenzene-d5	7.44	82	596164	72.28	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	130495	85.92	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	839352	79.30	ng	0.00
78) Terphenyl-d14	13.04	244	142568	1728.26	ng	0.04
Target Compounds						
10) Phenol	6.53	94	32169	2.870	ng	# 48
17) 2-Methylphenol	7.29	107	124059	16.653	ng	# 76
20) 3+4-Methylphenols	7.29	107	131053	14.431	ng	# 92
25) Isophorone	7.44	82	595126	36.637	ng	# 64
32) Benzoic acid	7.96	122	2683	7.387	ng	# 1
37) 2-Methylnaphthalene	8.87	142	31111	2.088	ng	# 94
53) 2,4-Dinitrophenol	10.19	184	1087	10.498	ng	# 79
64) 4,6-Dinitro-2-methylphenol	10.59	198	389	5.521	ng	# 1
68) Atrazine	11.12	200	2568	2.463	ng	# 1
70) Phenanthrene	11.44	178	11623	2.120	ng	# 74
72) Carbazole	11.66	167	17353	3.100	ng	# 1
73) Di-n-butylphthalate	11.98	149	389996	55.679	ng	# 91
74) Fluoranthene	12.66	202	11488	2.086	ng	# 1
76) Benzidine	12.80	184	933	12.585	ng	# 1
77) Pyrene	12.90	202	7323	47.365	ng	# 1
79) Butylbenzylphthalate	13.49	149	1718	21.032	ng	# 1
81) 3,3'-Dichlorobenzidine	14.05	252	646	14.069	ng	# 1
82) Chrysene	14.15	228	1162	9.301	ng	# 1
83) Bis(2-ethylhexyl)phthalate	14.07	149	683	6.196	ng	# 1
84) Di-n-octyl phthalate	14.69	149	8276	46.468	ng	# 1
85) Indeno(1,2,3-cd)pyrene	17.20	276	324	3.276	ng	# 1
87) Benzo(b)fluoranthene	15.18	252	1165	8.402	ng	# 1
88) Benzo(k)fluoranthene	15.18	252	1165	8.922	ng	# 1
89) Benzo(a)pyrene	15.55	252	736	5.944	ng	# 1
90) Dibenzo(a,h)anthracene	17.15	278	596	6.229	ng	# 1
91) Benzo(g,h,i)perylene	17.63	276	352	3.764	ng	# 1

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

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103454.D
Acq On : 6 Mar 2018 14:30
Operator : SJ/JU
Sample : J1783-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :

Quant Time: Mar 06 16:22:04 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 06 11:52:59 2018
Response via : Initial Calibration



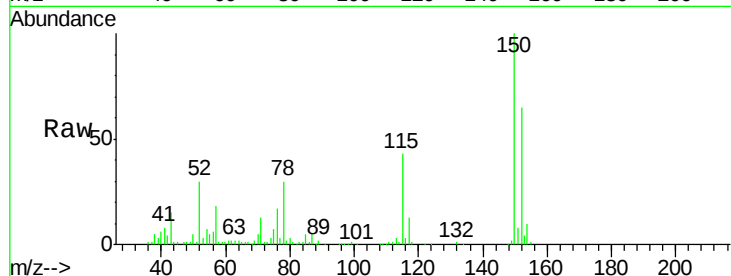


#1

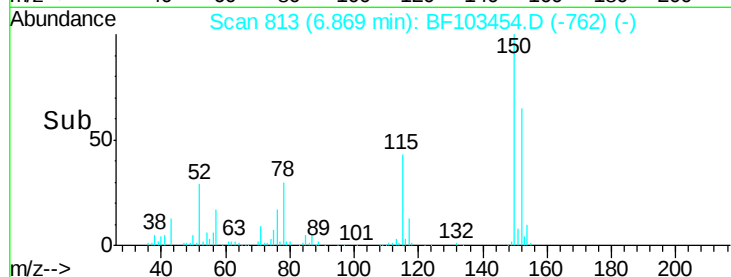
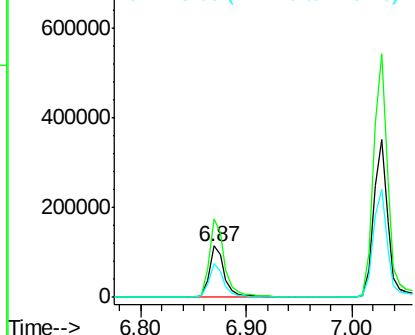
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF103454.D
Acq: 6 Mar 2018 14:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 119350
Ion Ratio Lower Upper
152 100
150 153.1 124.6 186.8
115 66.4 50.1 75.1



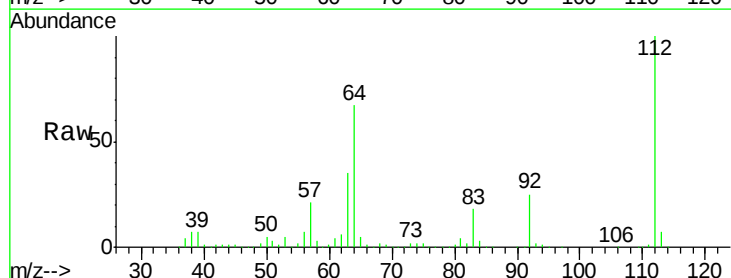
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



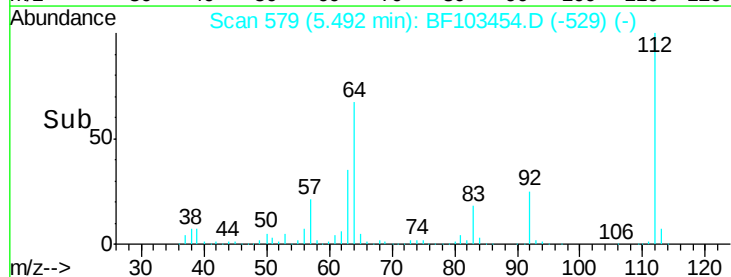
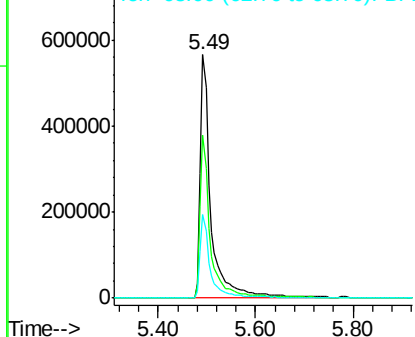
#5

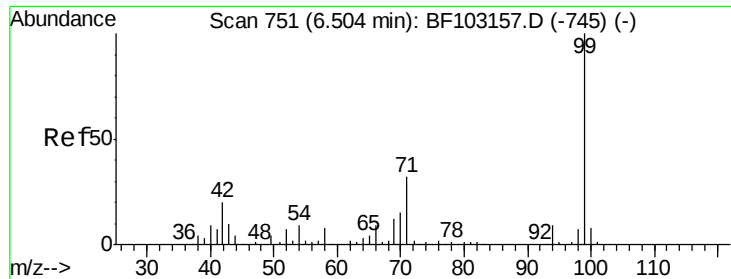
2-Fluorophenol
Concen: 110.403 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.01 min
Lab File: BF103454.D
Acq: 6 Mar 2018 14:30

Tgt Ion:112 Resp: 871221
Ion Ratio Lower Upper
112 100
64 66.8 47.9 71.9
63 34.5 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 105.989 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF103454.D

Acq: 6 Mar 2018 14:30

Instrument :

BNA_F

ClientSampled :

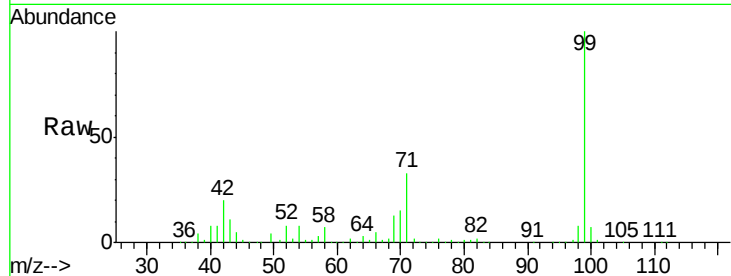
Tot Ion: 99 Resp: 1023445

Ion Ratio Lower Upper

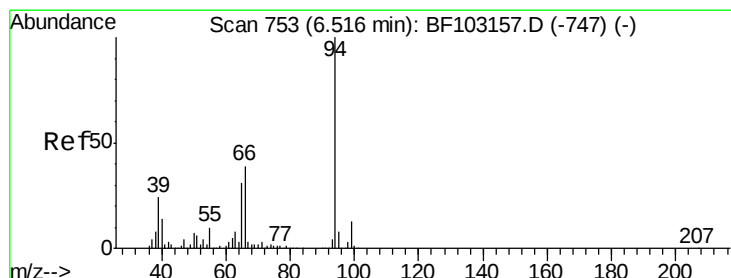
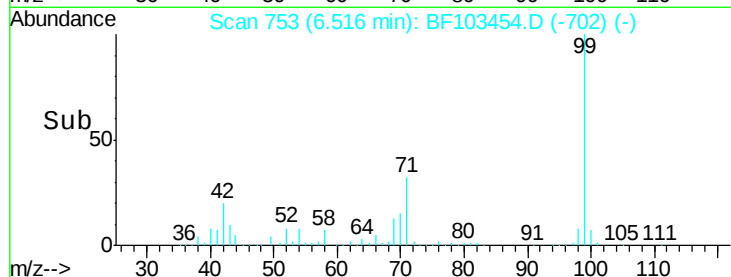
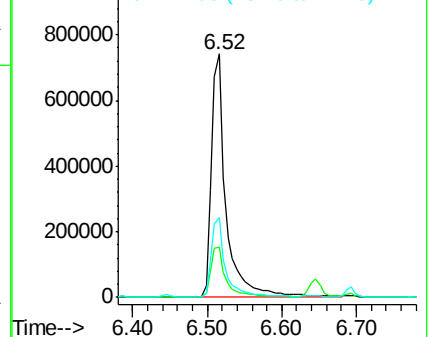
99 100

42 20.4 14.5 21.7

71 32.5 25.4 38.0



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



#10

Phenol

Concen: 2.870 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF103454.D

Acq: 6 Mar 2018 14:30

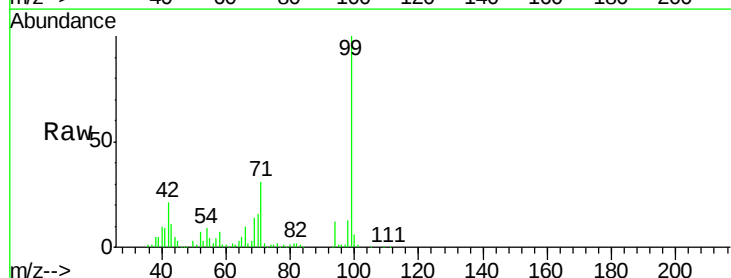
Tgt Ion: 94 Resp: 32169

Ion Ratio Lower Upper

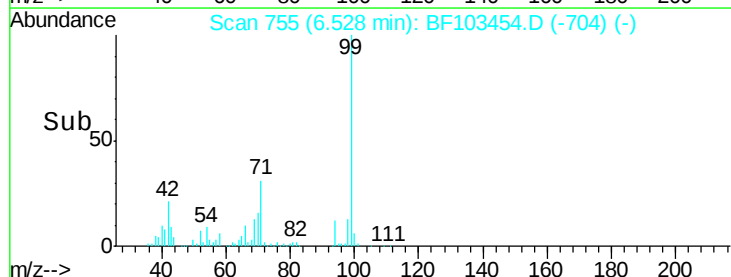
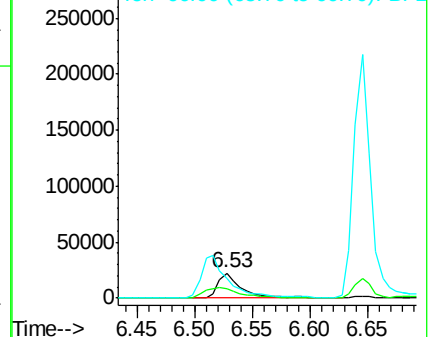
94 100

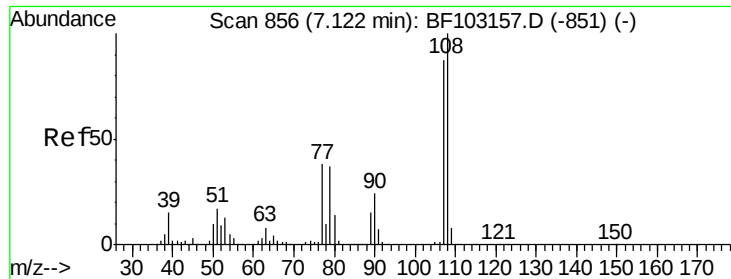
65 38.8 7.9 47.9

66 81.0 16.2 56.2#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#17

2-Methylphenol

Concen: 16.653 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.16 min

Lab File: BF103454.D

Acq: 6 Mar 2018 14:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 124059

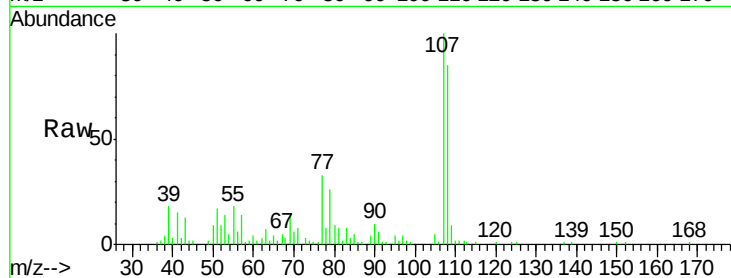
Ion Ratio Lower Upper

107 100

108 85.5 91.7 137.5#

77 33.2 33.8 50.8#

79 26.2 33.8 50.8#

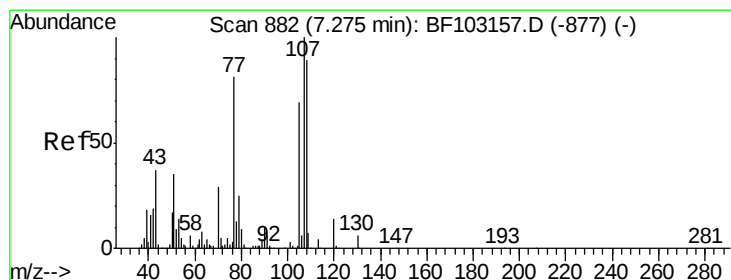
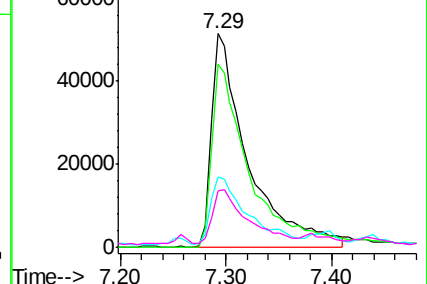
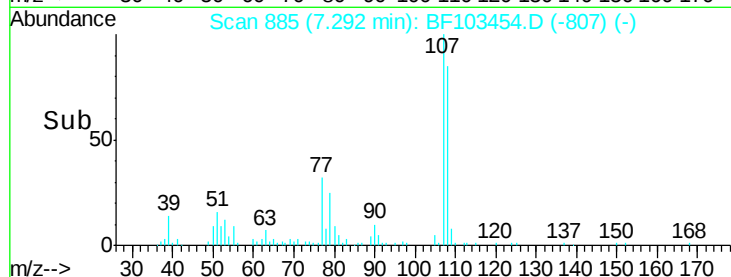


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#20

3+4-Methylphenols

Concen: 14.431 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.01 min

Lab File: BF103454.D

Acq: 6 Mar 2018 14:30

Tgt Ion:107 Resp: 131053

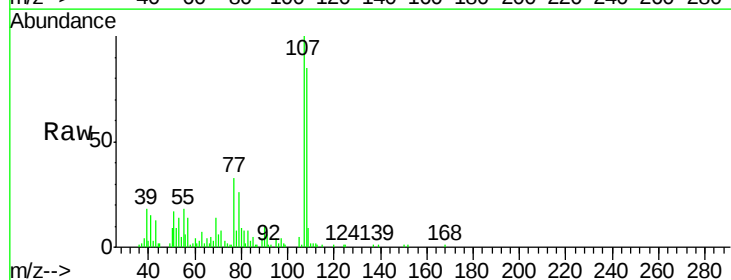
Ion Ratio Lower Upper

107 100

108 85.5 68.2 108.2

77 33.2 26.7 66.7

79 26.2 6.3 46.3

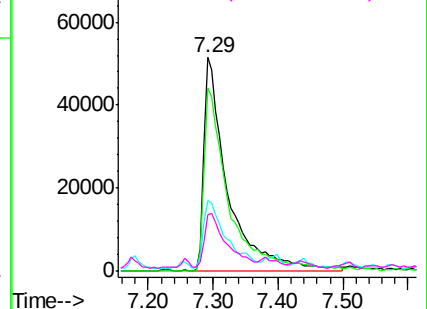
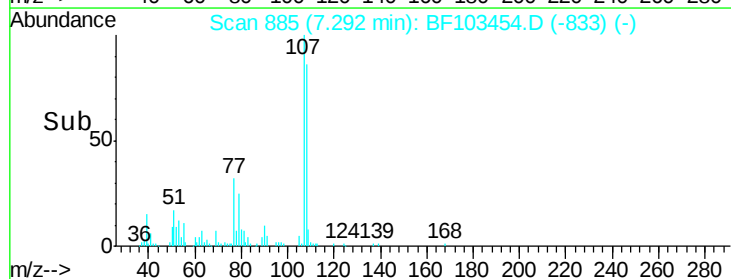


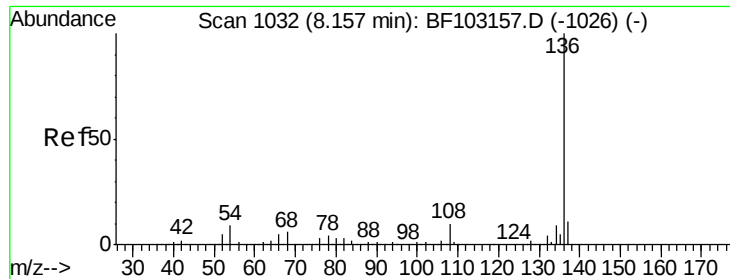
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF103454.D

Acq: 6 Mar 2018 14:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 471010

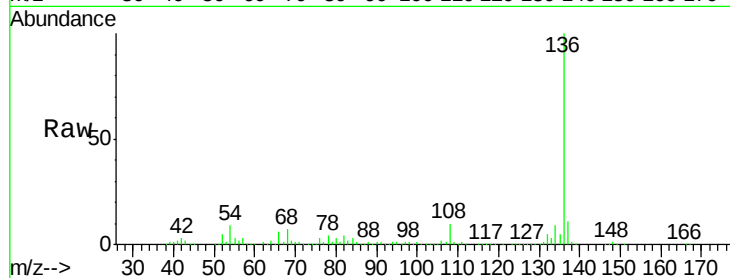
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.7 6.6 9.8

68 6.6 5.0 7.4

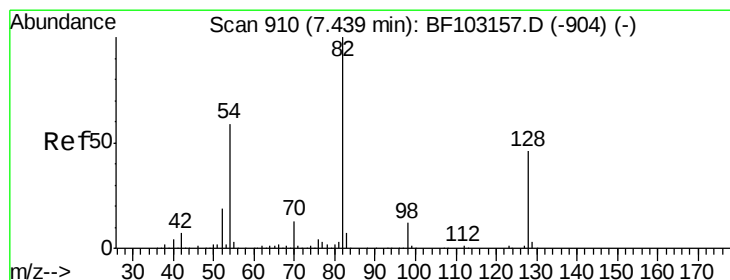
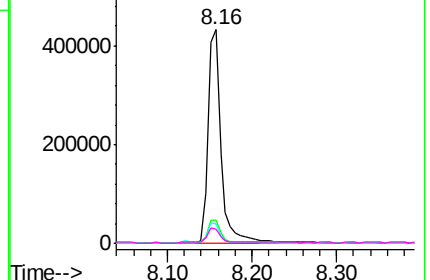
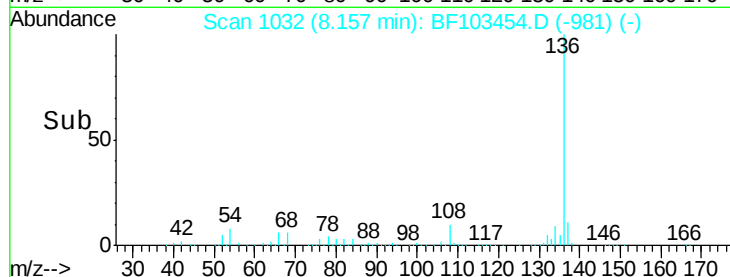


Abundance Ion 136.00 (135.70 to 136.70): E

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: 72.283 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF103454.D

Acq: 6 Mar 2018 14:30

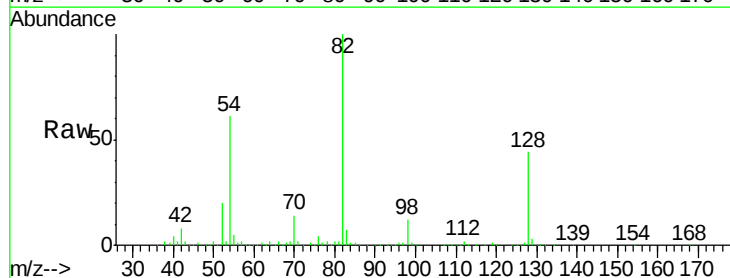
Tgt Ion: 82 Resp: 596164

Ion Ratio Lower Upper

82 100

128 43.6 36.1 54.1

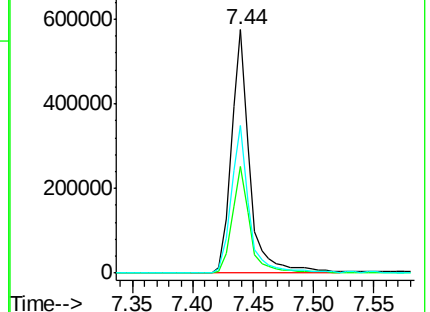
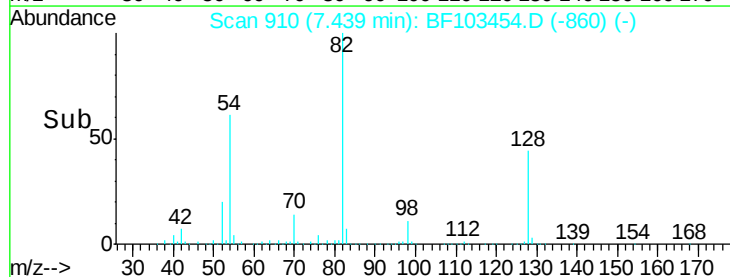
54 60.6 41.4 62.2

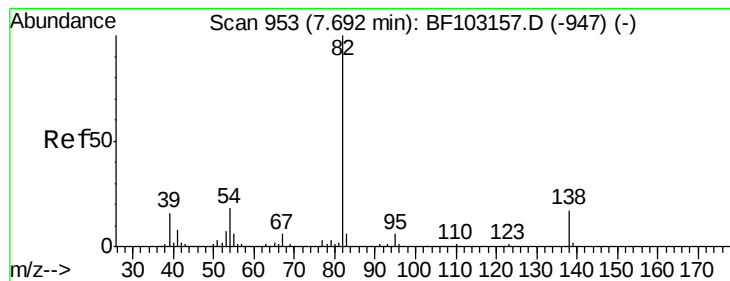


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 36.637 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.25 min

Lab File: BF103454.D

Acq: 6 Mar 2018 14:30

Instrument :

BNA_F

ClientSampleId :

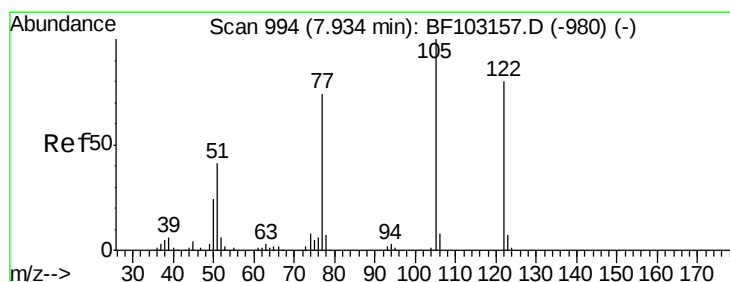
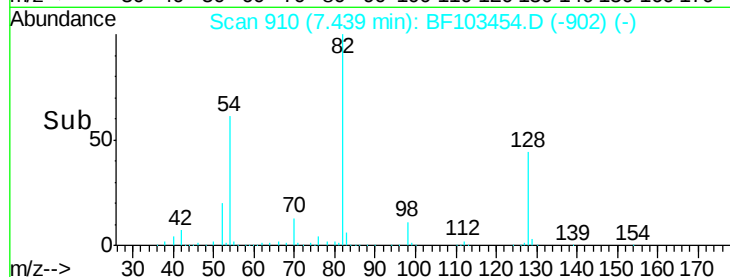
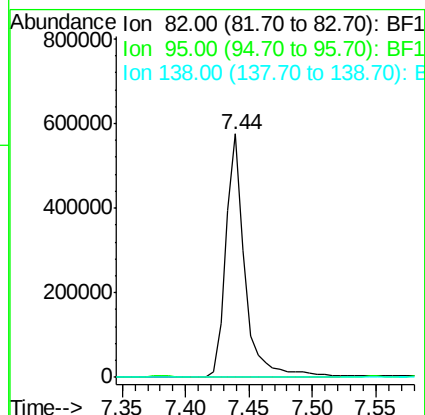
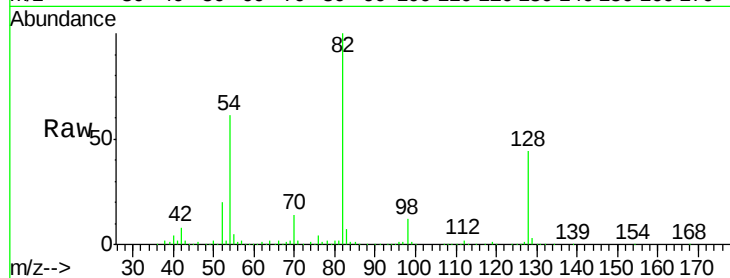
Tot Ion: 82 Resp: 595126

Ion Ratio Lower Upper

82 100

95 0.3 5.2 7.8#

138 0.0 14.9 22.3#



#32

Benzoic acid

Concen: 7.387 ng

RT: 7.96 min Scan# 999

Delta R.T. 0.00 min

Lab File: BF103454.D

Acq: 6 Mar 2018 14:30

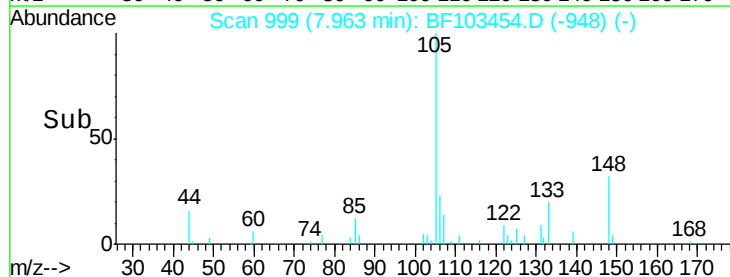
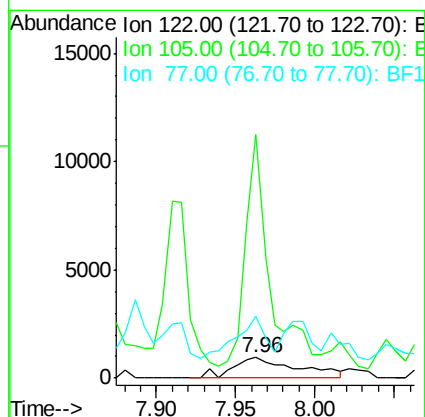
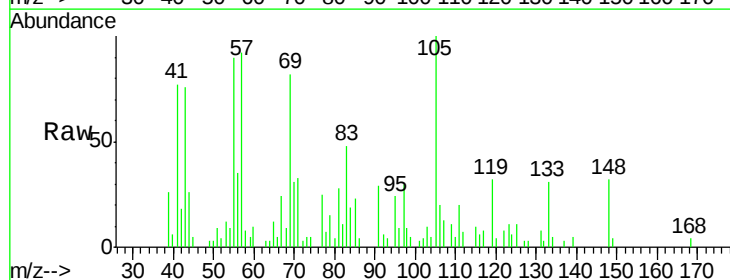
Tgt Ion: 122 Resp: 2683

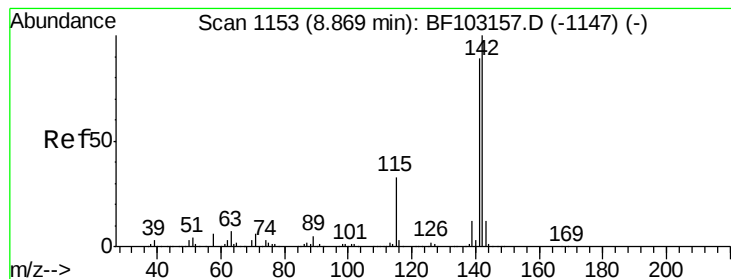
Ion Ratio Lower Upper

122 100

105 1199.1 101.1 141.1#

77 301.6 70.7 110.7#





#37

2-Methylnaphthalene

Concen: 2.088 ng

RT: 8.87 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BF103454.D

Acq: 6 Mar 2018 14:30

Instrument :

BNA_F

ClientSampleId :

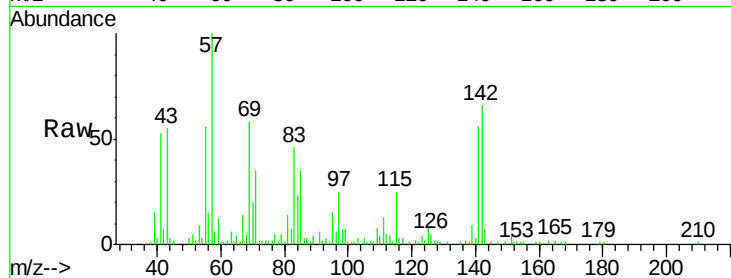
Tot Ion:142 Resp: 31111

Ion Ratio Lower Upper

142 100

141 84.8 70.8 106.2

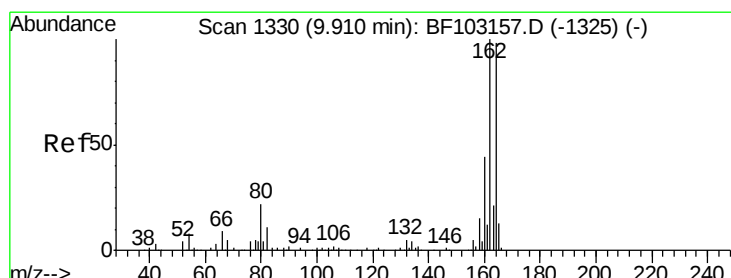
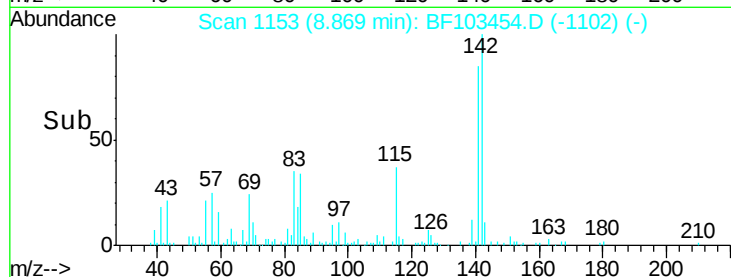
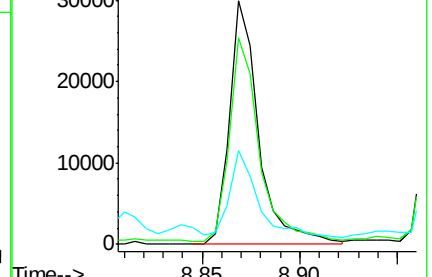
115 38.4 26.1 39.1



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

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1331

Delta R.T. 0.00 min

Lab File: BF103454.D

Acq: 6 Mar 2018 14:30

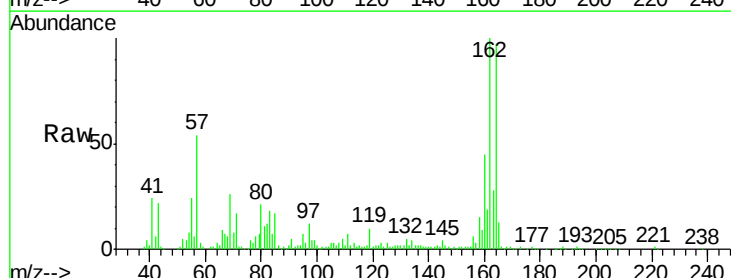
Tgt Ion:164 Resp: 179428

Ion Ratio Lower Upper

164 100

162 102.6 86.1 129.1

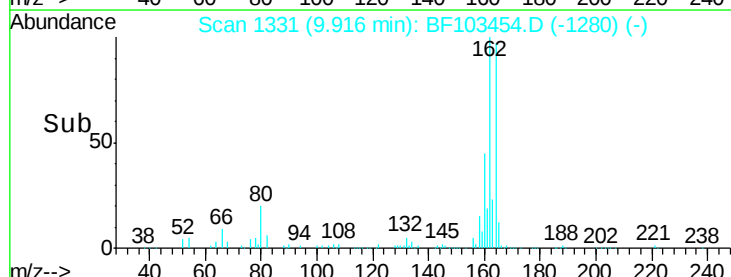
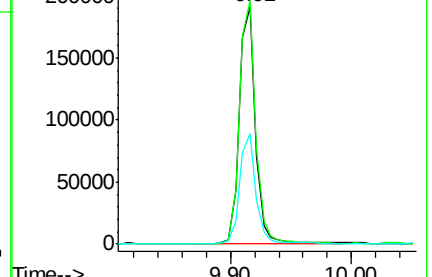
160 46.5 38.3 57.5

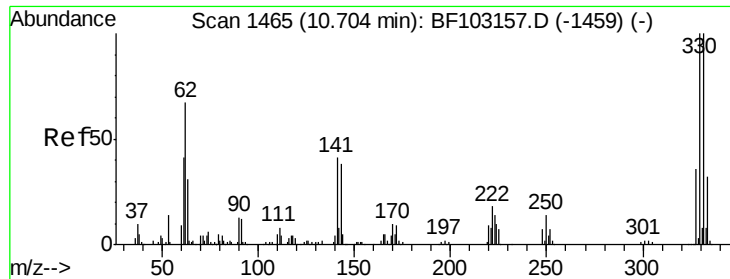


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

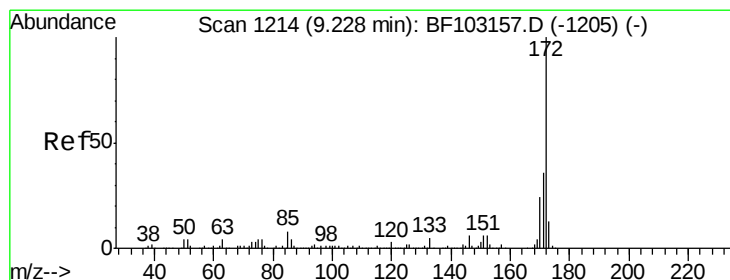
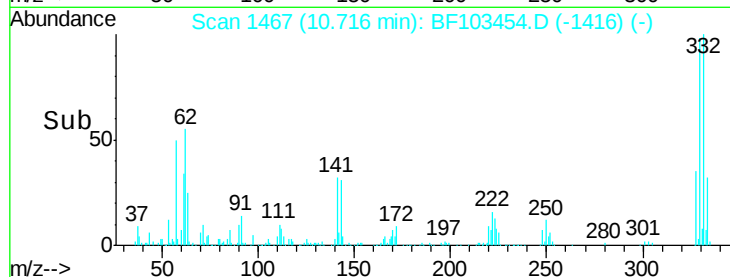
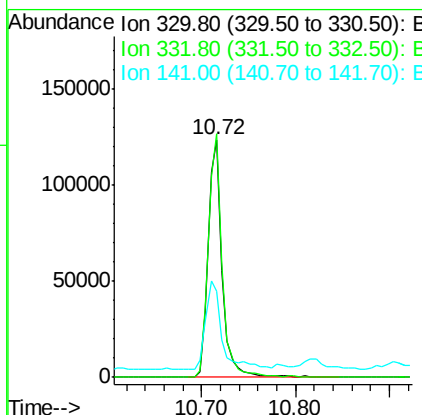
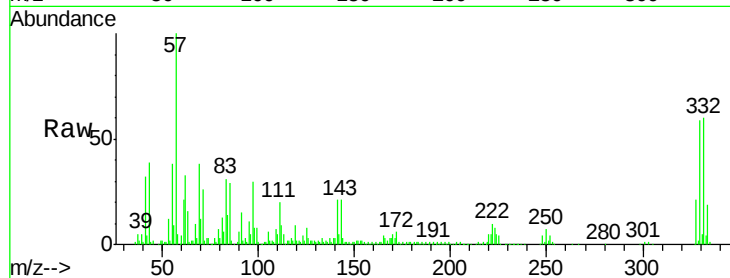




#41
 2,4,6-Tribromophenol
 Concen: 85.922 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: BF103454.D
 Acq: 6 Mar 2018 14:30

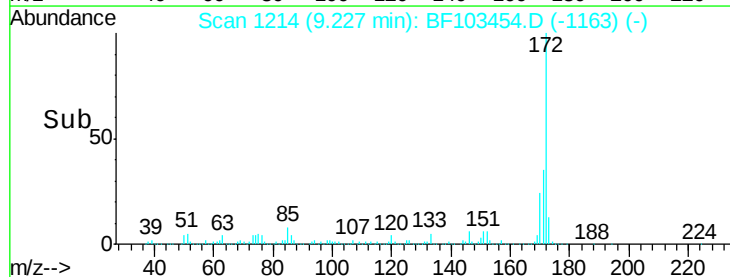
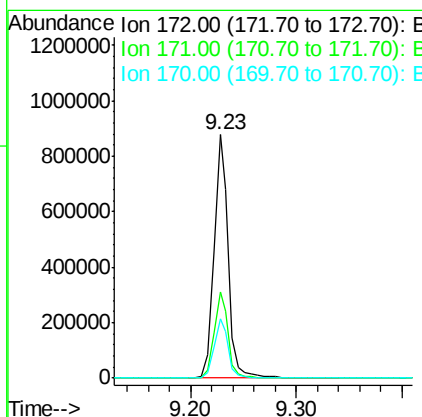
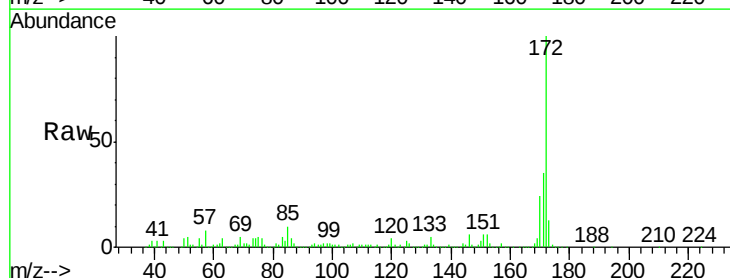
Instrument :
 BNA_F
 ClientSampleId :

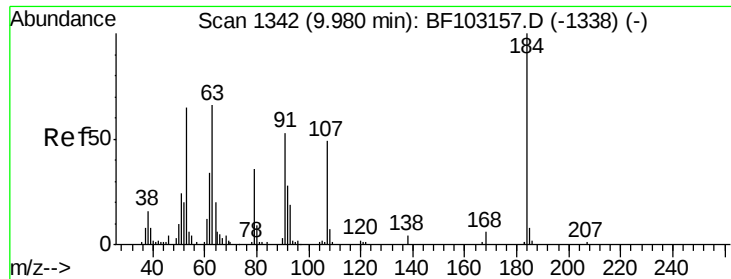
Tot Ion:330 Resp: 130495
 Ion Ratio Lower Upper
 330 100
 332 101.6 77.0 115.6
 141 43.6 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 79.296 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: BF103454.D
 Acq: 6 Mar 2018 14:30

Tgt Ion:172 Resp: 839352
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.7 44.5
 170 24.3 19.6 29.4

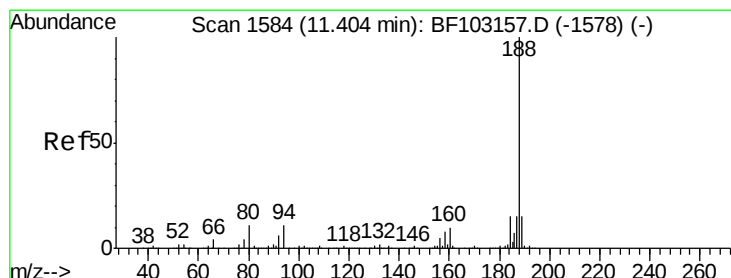
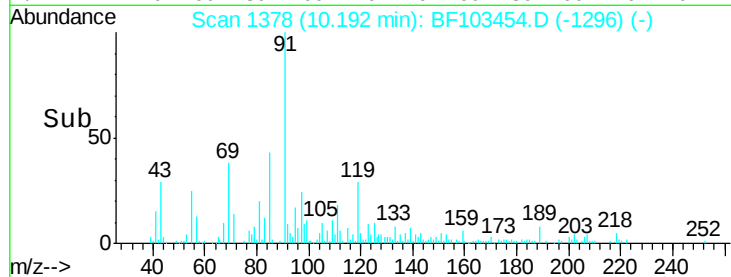
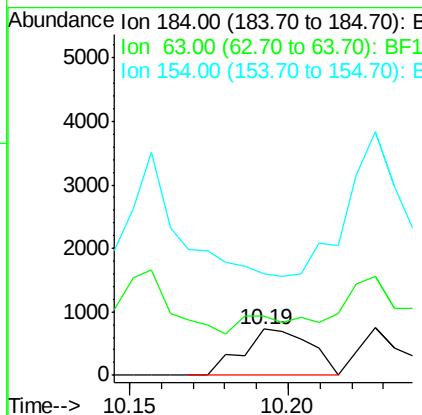
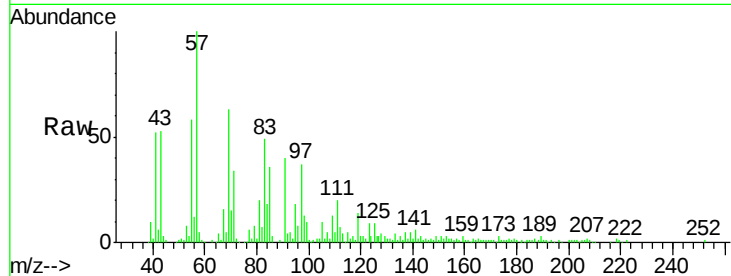




#53
2,4-Dinitrophenol
Concen: 10.498 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.18 min
Lab File: BF103454.D
Acq: 6 Mar 2018 14:30

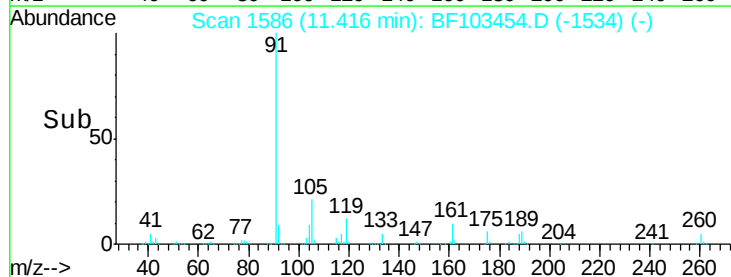
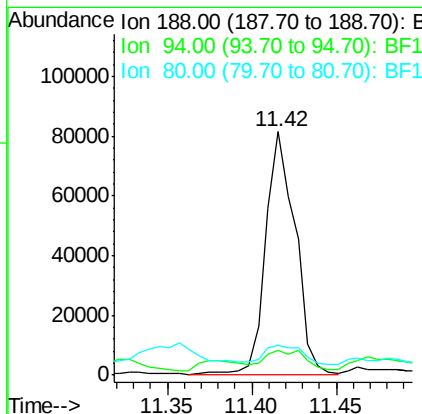
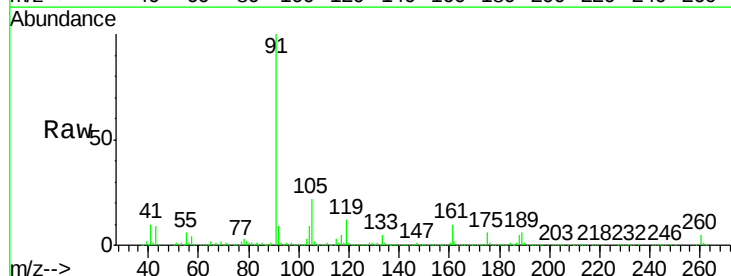
Instrument :
BNA_F
ClientSampled :

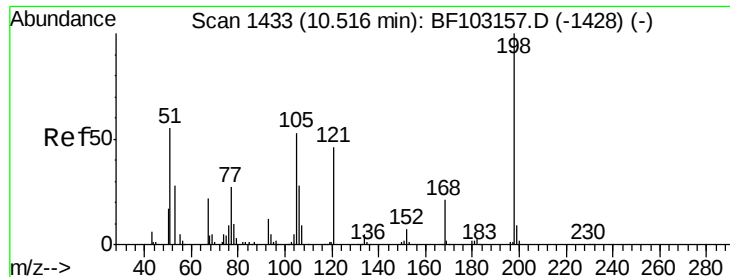
Tot Ion:184 Resp: 1087
Ion Ratio Lower Upper
184 100
63 127.6 54.2 81.2#
154 220.5 184.0 276.0



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.01 min
Lab File: BF103454.D
Acq: 6 Mar 2018 14:30

Tgt Ion:188 Resp: 99607
Ion Ratio Lower Upper
188 100
94 9.9 8.5 12.7
80 12.4 9.2 13.8

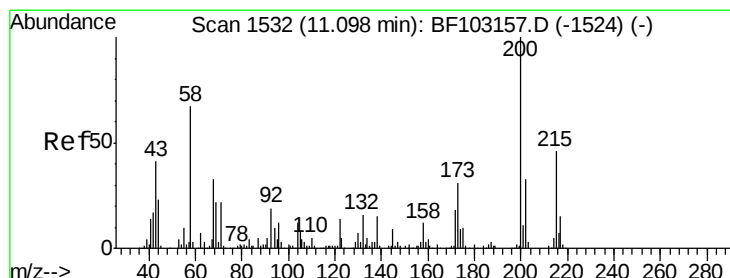
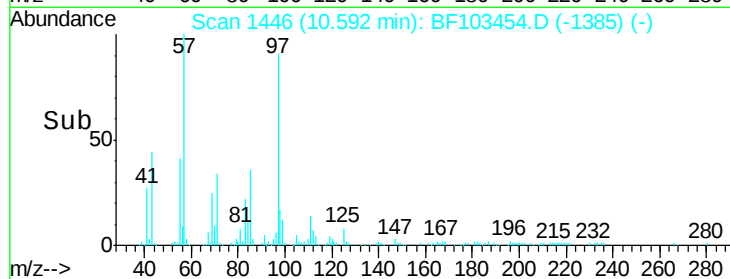
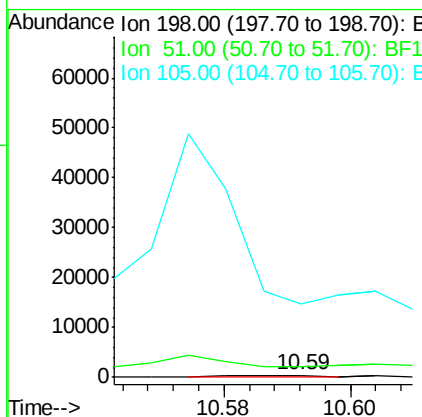
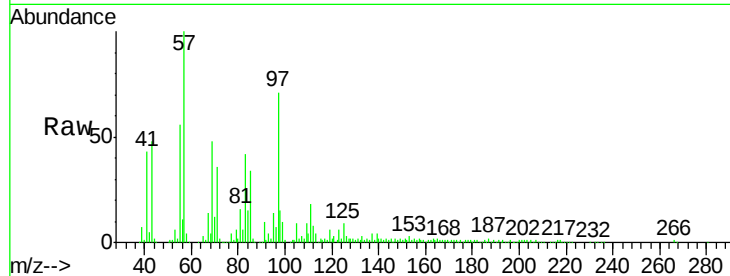




#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.521 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. 0.06 min
 Lab File: BF103454.D
 Acq: 6 Mar 2018 14:30

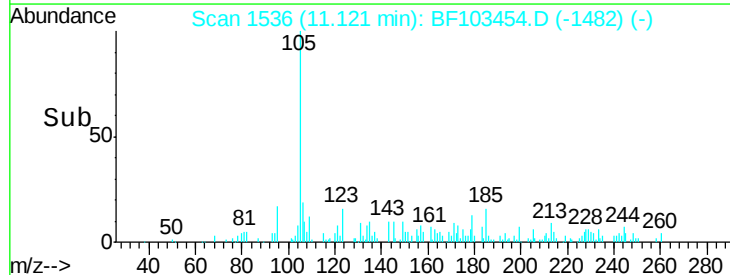
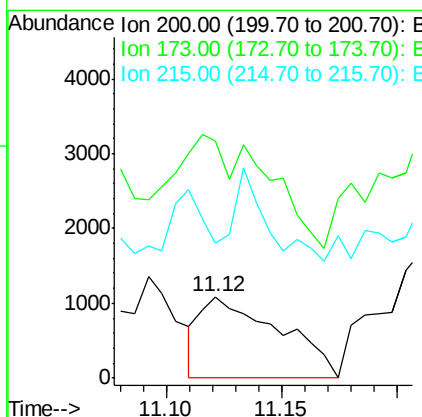
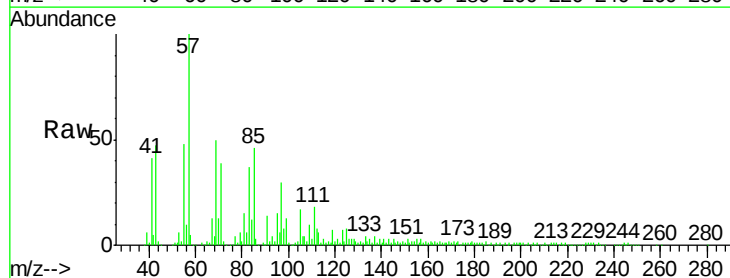
Instrument :
 BNA_F
 ClientSampleId :

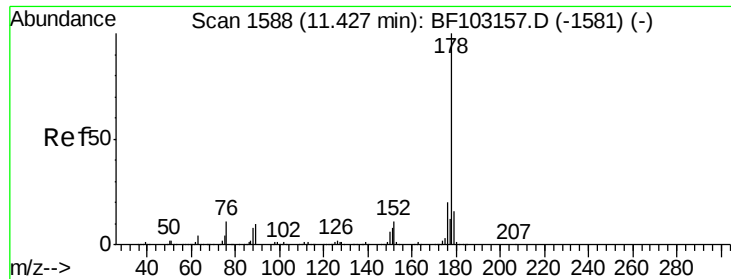
Tot Ion:198 Resp: 389
 Ion Ratio Lower Upper
 198 100
 51 486.1 37.7 77.7#
 105 3501.4 36.3 76.3#



#68
 Atrazine
 Concen: 2.463 ng
 RT: 11.12 min Scan# 1536
 Delta R.T. 0.02 min
 Lab File: BF103454.D
 Acq: 6 Mar 2018 14:30

Tgt Ion:200 Resp: 2568
 Ion Ratio Lower Upper
 200 100
 173 292.1 8.6 48.6#
 215 166.3 25.1 65.1#





#70

Phenanthrene

Concen: 2.120 ng

RT: 11.44 min Scan# 1590

Delta R.T. 0.01 min

Lab File: BF103454.D

Acq: 6 Mar 2018 14:30

Instrument :

BNA_F

ClientSampleId :

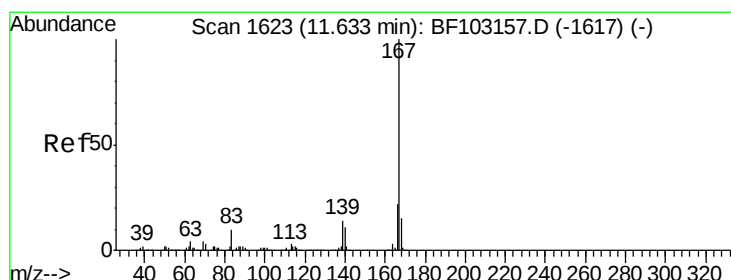
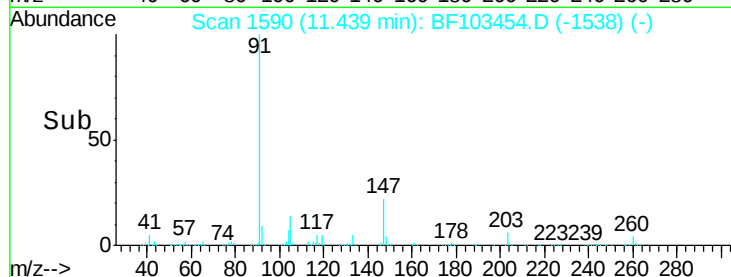
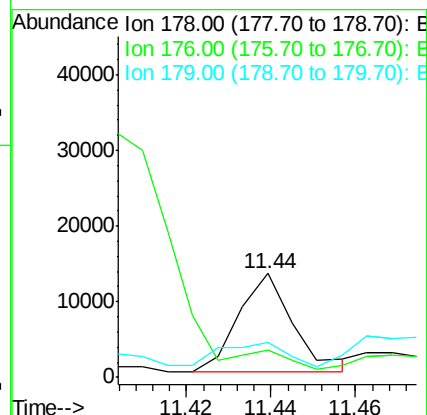
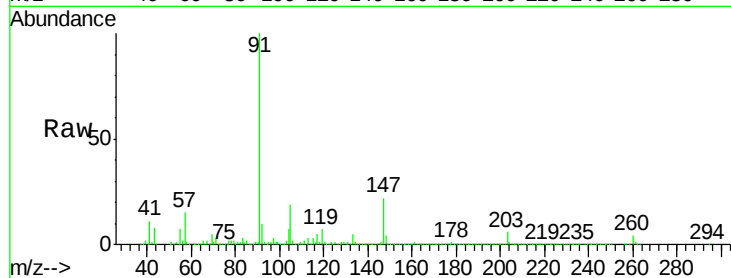
Tot Ion:178 Resp: 11623

Ion Ratio Lower Upper

178 100

176 25.9 15.8 23.8#

179 34.1 13.0 19.6#



#72

Carbazole

Concen: 3.100 ng

RT: 11.66 min Scan# 1628

Delta R.T. 0.02 min

Lab File: BF103454.D

Acq: 6 Mar 2018 14:30

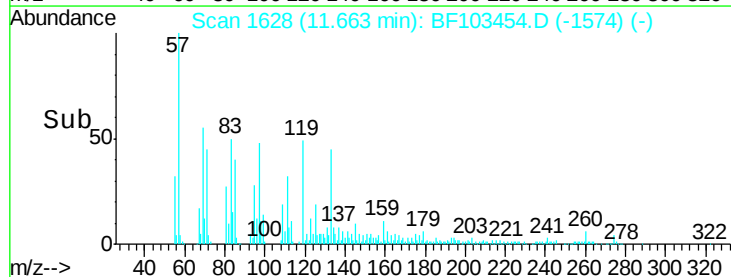
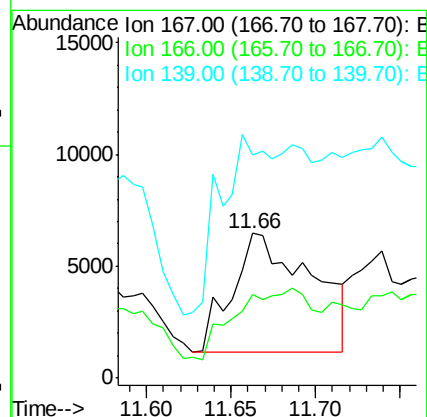
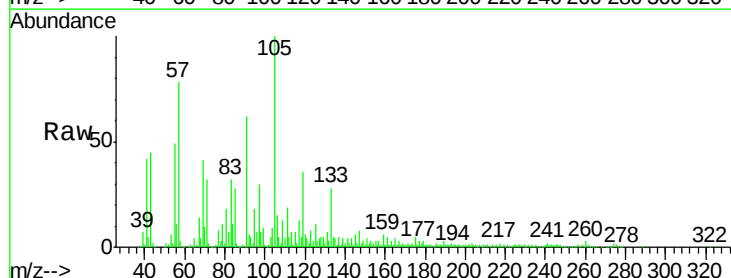
Tgt Ion:167 Resp: 17353

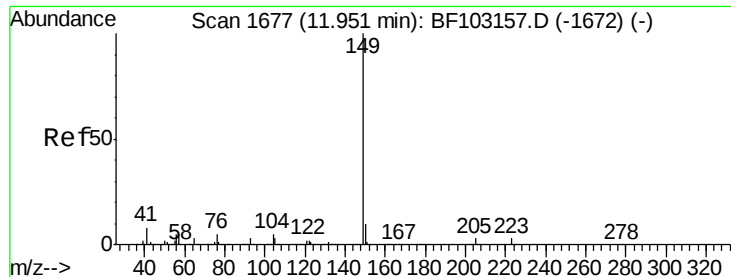
Ion Ratio Lower Upper

167 100

166 57.7 17.6 26.4#

139 154.1 10.9 16.3#





#73

Di-n-butylphthalate

Concen: 55.679 ng

RT: 11.98 min Scan# 1682

Delta R.T. 0.02 min

Lab File: BF103454.D

Acq: 6 Mar 2018 14:30

Instrument :

BNA_F

ClientSampleId :

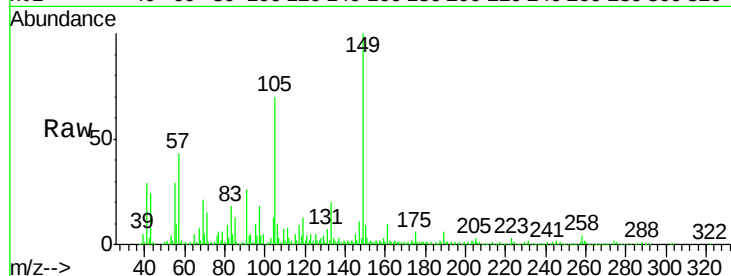
Tot Ion:149 Resp: 389996

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

104 13.2 3.8 5.8#

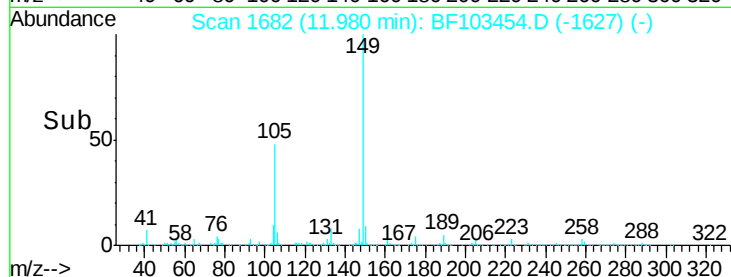


Abundance Ion 149.00 (148.70 to 149.70): E

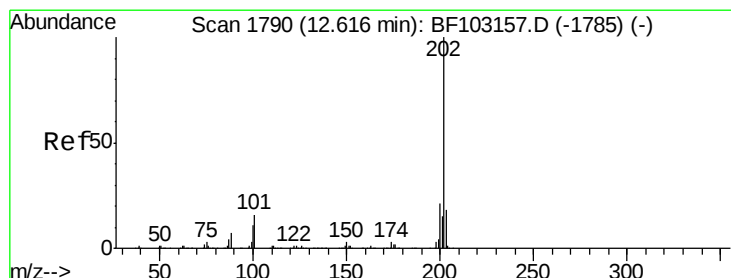
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

Time--> 11.90



Time--> 11.90



#74

Fluoranthene

Concen: 2.086 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.03 min

Lab File: BF103454.D

Acq: 6 Mar 2018 14:30

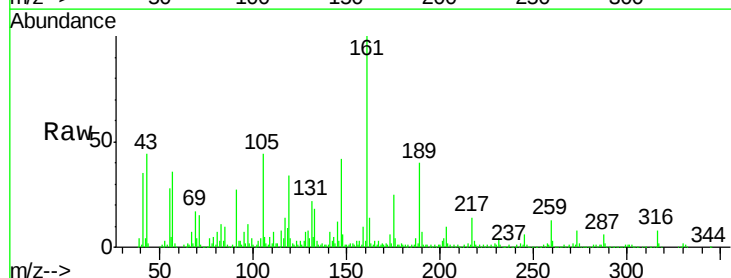
Tgt Ion:202 Resp: 11488

Ion Ratio Lower Upper

202 100

101 12.8 0.0 34.1

203 277.4 0.0 38.1#

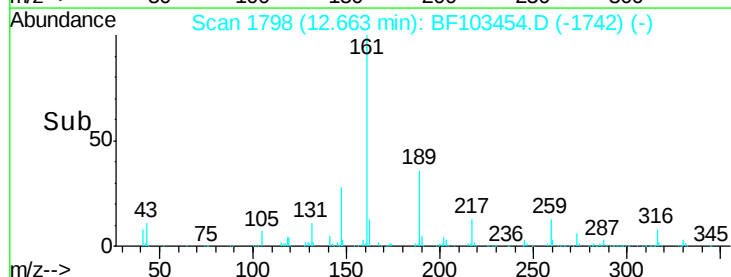


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

Time--> 12.65



Time--> 12.65

Time--> 12.65

Time--> 12.65

Time--> 12.65

Time--> 12.65

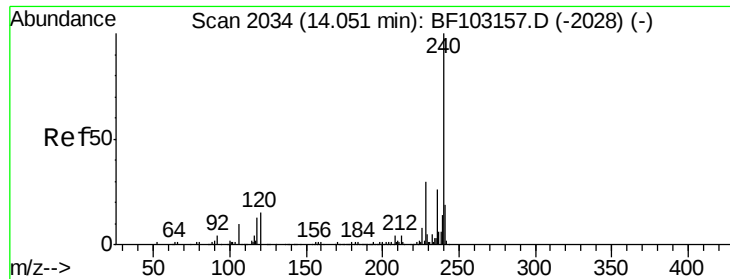
Time--> 12.65

Time--> 12.65

Time--> 12.65

Time--> 12.65

Time--> 12.65



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.12 min Scan# 2045

Delta R.T. 0.05 min

Lab File: BF103454.D

Acq: 6 Mar 2018 14:30

Instrument :

BNA_F

ClientSampleId :

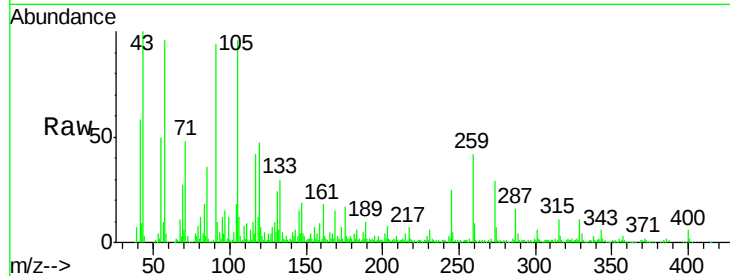
Tot Ion:240 Resp: 1983

Ion Ratio Lower Upper

240 100

120 842.6 9.5 14.3#

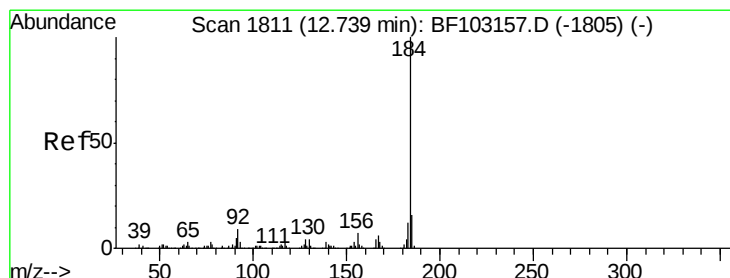
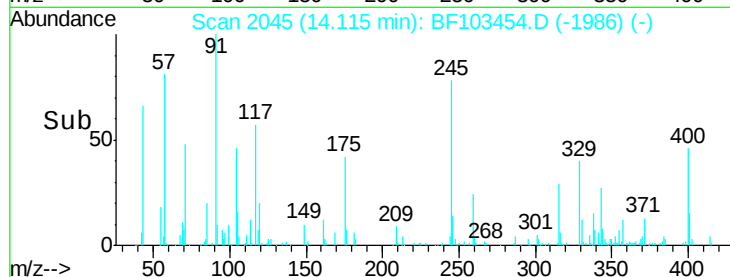
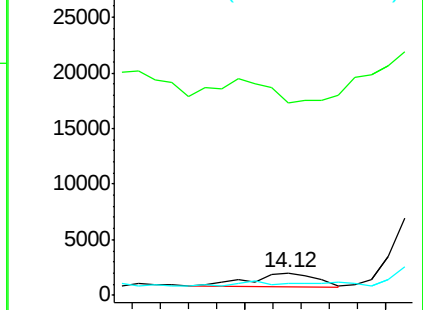
236 50.9 20.7 31.1#



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 12.585 ng

RT: 12.80 min Scan# 1822

Delta R.T. 0.05 min

Lab File: BF103454.D

Acq: 6 Mar 2018 14:30

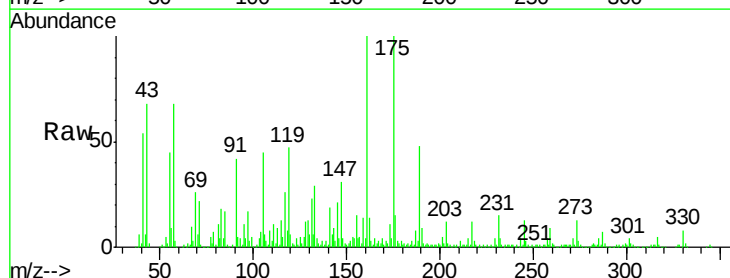
Tgt Ion:184 Resp: 933

Ion Ratio Lower Upper

184 100

185 369.9 12.6 18.8#

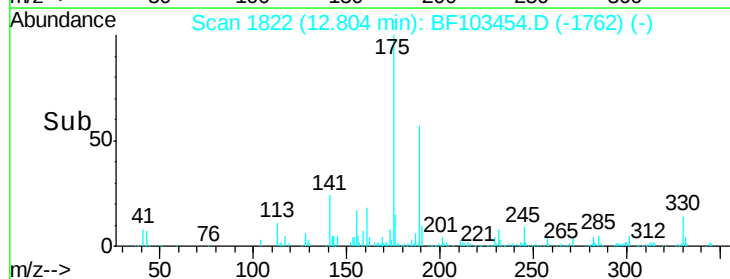
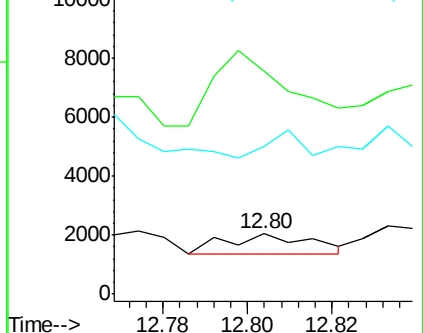
183 243.4 9.3 13.9#

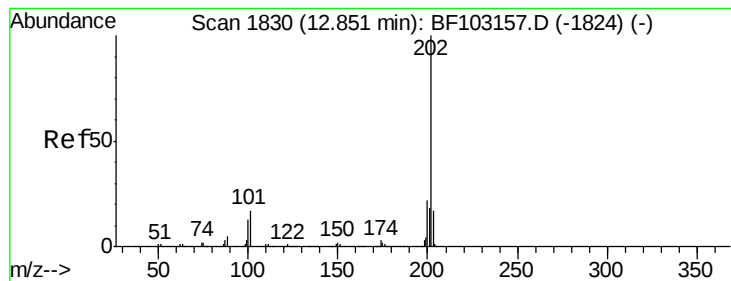


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 47.365 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.04 min

Lab File: BF103454.D

Acq: 6 Mar 2018 14:30

Instrument :

BNA_F

ClientSampleId :

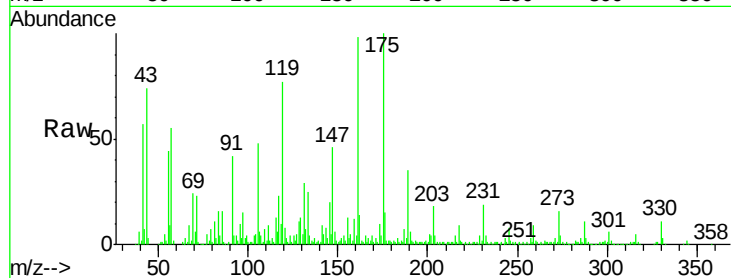
Tot Ion:202 Resp: 7323

Ion Ratio Lower Upper

202 100

200 27.7 17.4 26.2#

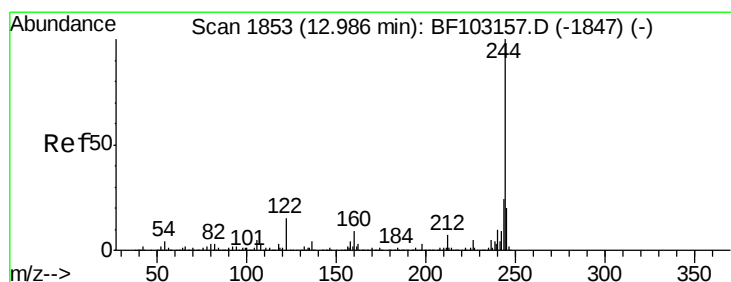
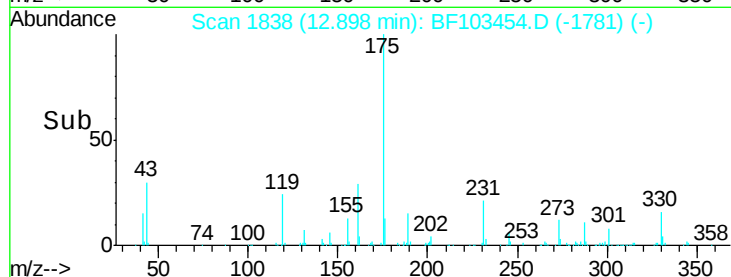
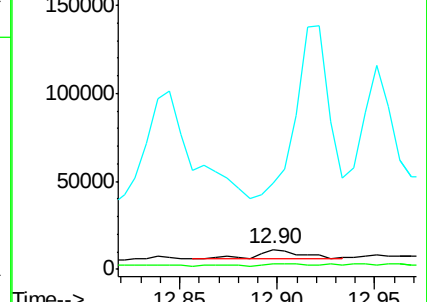
203 427.7 14.3 21.5#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 1728.263 ng

RT: 13.04 min Scan# 1862

Delta R.T. 0.04 min

Lab File: BF103454.D

Acq: 6 Mar 2018 14:30

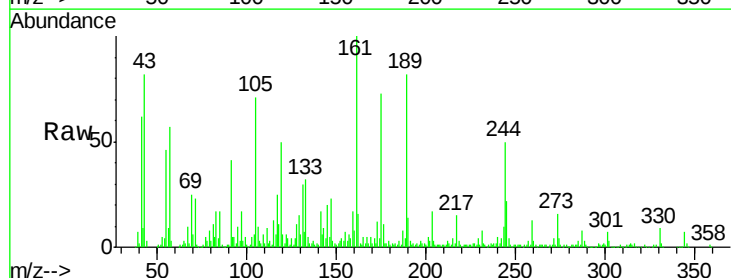
Tgt Ion:244 Resp: 142568

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

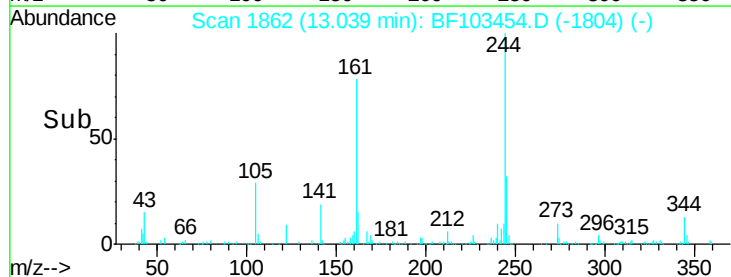
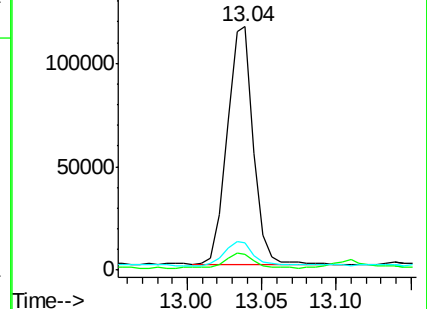
122 11.0 11.0 16.4

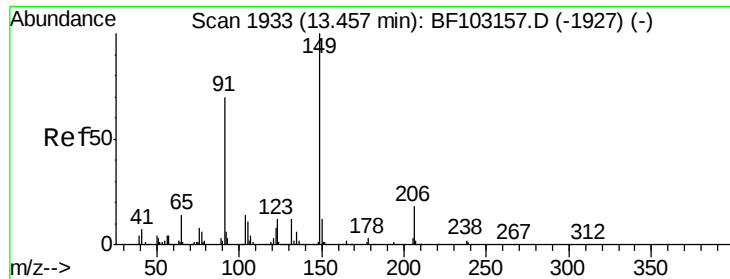


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

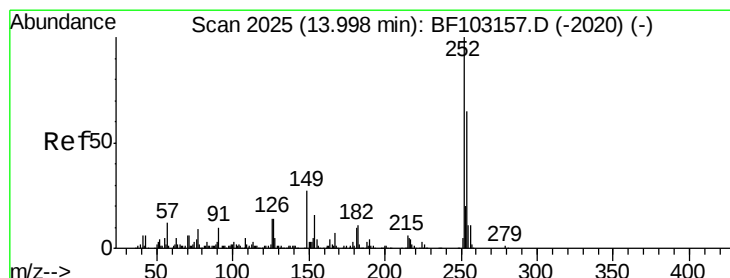
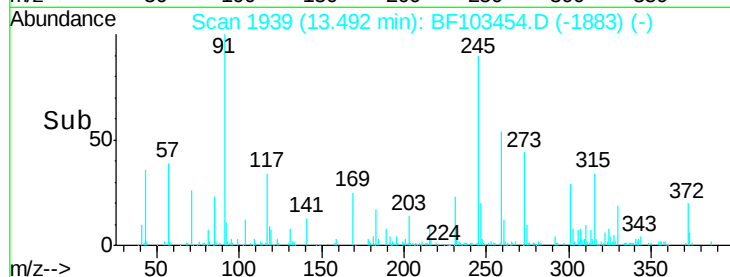
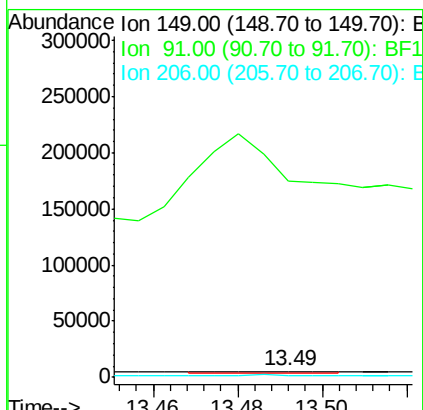
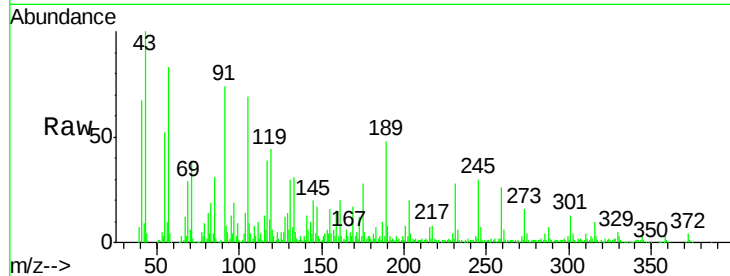




#79
Butylbenzylphthalate
Concen: 21.032 ng
RT: 13.49 min Scan# 1939
Delta R.T. 0.03 min
Lab File: BF103454.D
Acq: 6 Mar 2018 14:30

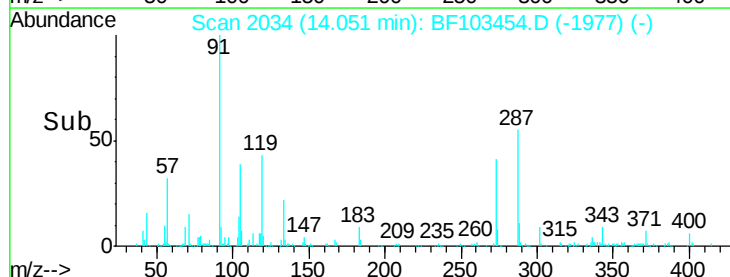
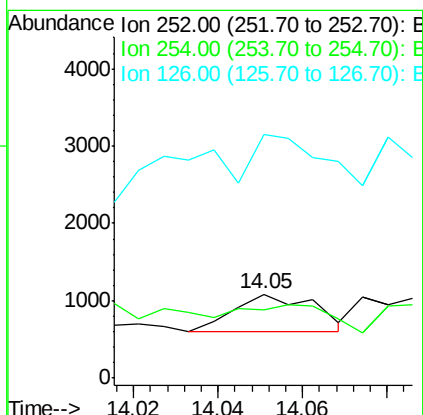
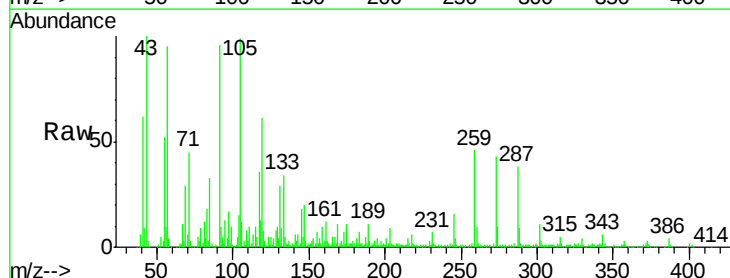
Instrument :
BNA_F
ClientSampleId :

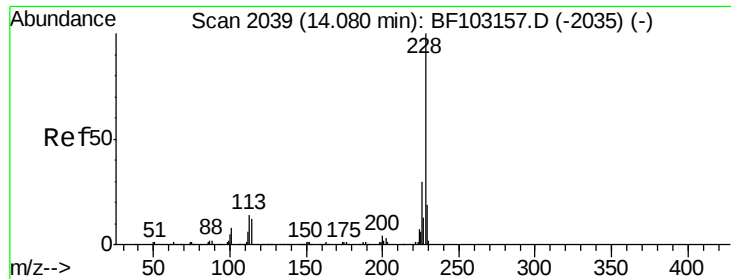
Tot Ion:149 Resp: 1718
Ion Ratio Lower Upper
149 100
91 3242.8 56.8 85.2#
206 27.1 14.1 21.1#



#81
3,3'-Dichlorobenzidine
Concen: 14.069 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.04 min
Lab File: BF103454.D
Acq: 6 Mar 2018 14:30

Tgt Ion:252 Resp: 646
Ion Ratio Lower Upper
252 100
254 81.9 50.4 75.6#
126 290.9 11.3 16.9#





#82

Chrysene

Concen: 9.301 ng

RT: 14.15 min Scan# 2051

Delta R.T. 0.05 min

Lab File: BF103454.D

Acq: 6 Mar 2018 14:30

Instrument :

BNA_F

ClientSampleId :

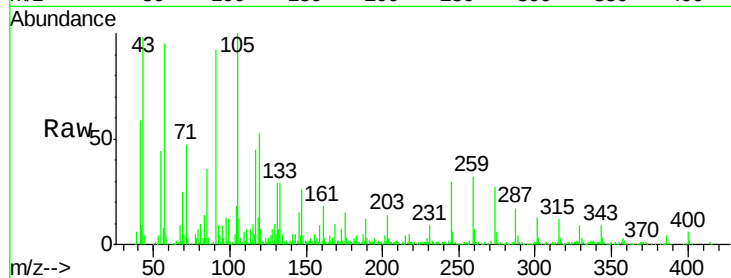
Tot Ion:228 Resp: 1162

Ion Ratio Lower Upper

228 100

226 96.5 25.0 37.6#

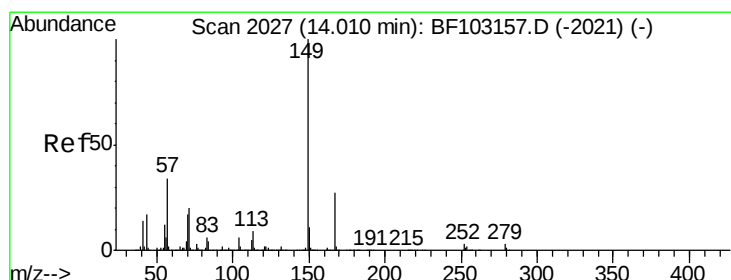
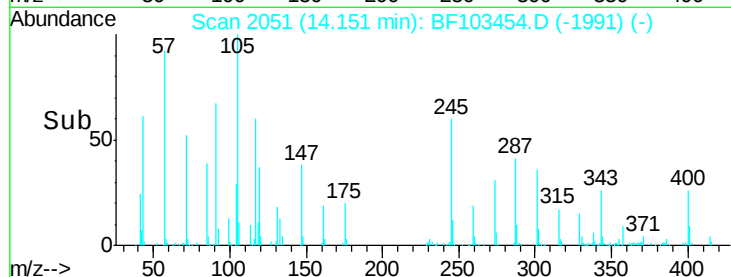
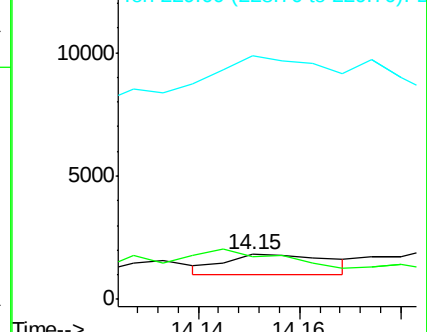
229 545.1 16.2 24.4#



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

Bis(2-ethylhexyl)phthalate

Concen: 6.196 ng

RT: 14.07 min Scan# 2037

Delta R.T. 0.05 min

Lab File: BF103454.D

Acq: 6 Mar 2018 14:30

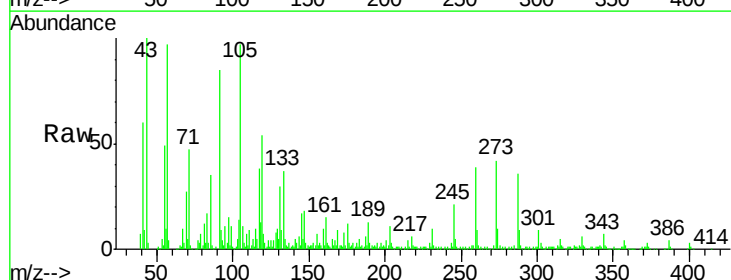
Tgt Ion:149 Resp: 683

Ion Ratio Lower Upper

149 100

167 183.8 21.3 31.9#

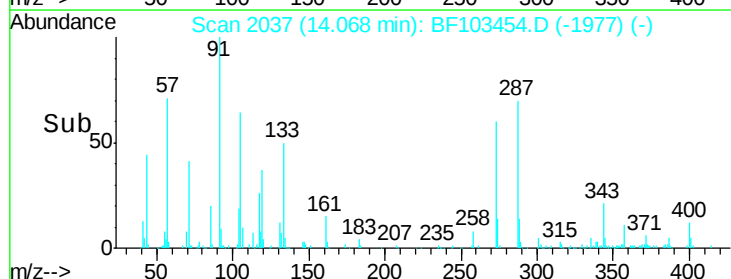
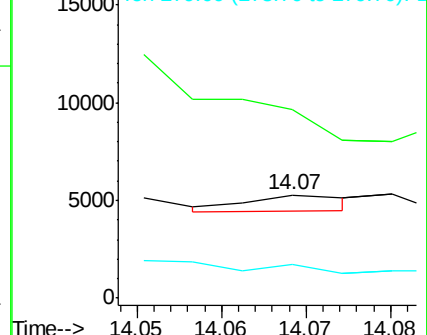
279 32.5 3.0 4.4#

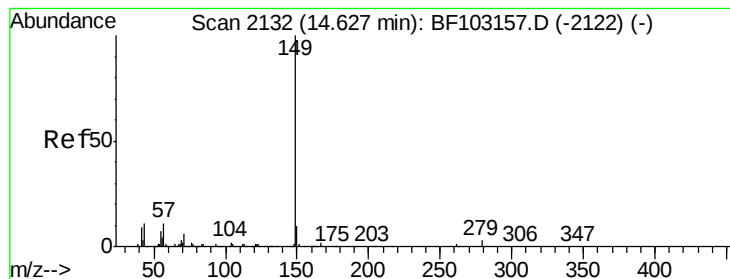


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 46.468 ng

RT: 14.69 min Scan# 2143

Delta R.T. 0.06 min

Lab File: BF103454.D

Acq: 6 Mar 2018 14:30

Instrument :

BNA_F

ClientSampleId :

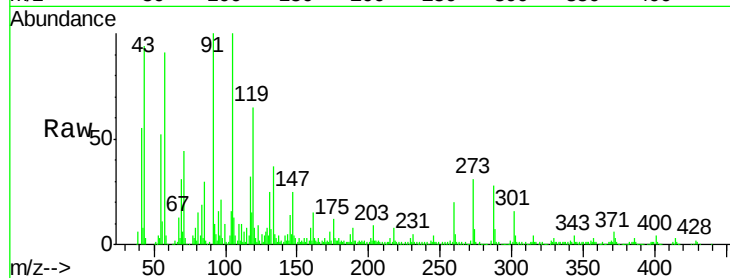
Tot Ion:149 Resp: 8276

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

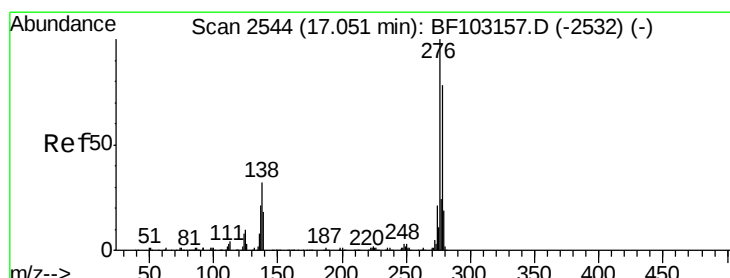
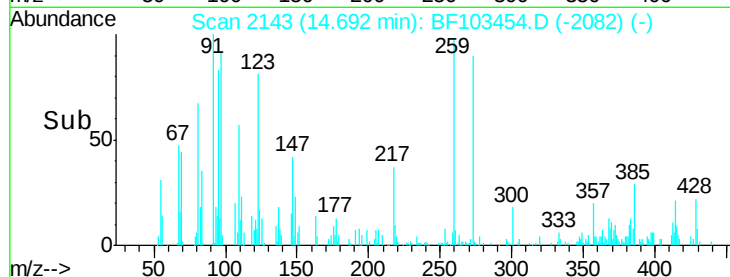
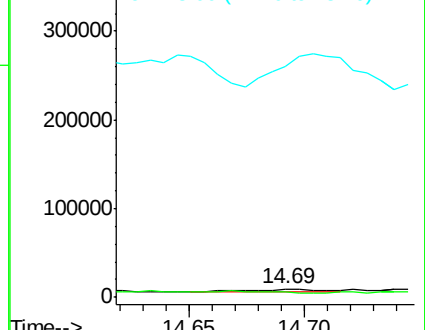
43 1125.5 8.4 12.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#85

Indeno(1,2,3-cd)pyrene

Concen: 3.276 ng

RT: 17.20 min Scan# 2569

Delta R.T. 0.06 min

Lab File: BF103454.D

Acq: 6 Mar 2018 14:30

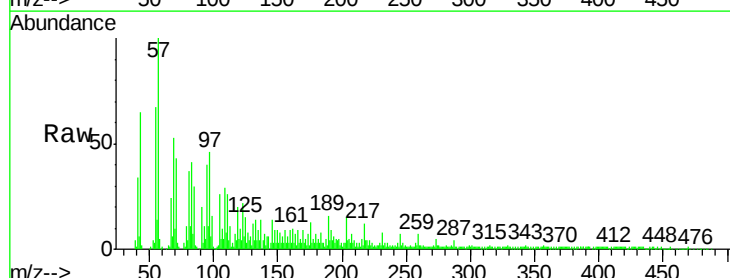
Tgt Ion:276 Resp: 324

Ion Ratio Lower Upper

276 100

138 0.0 25.0 37.6#

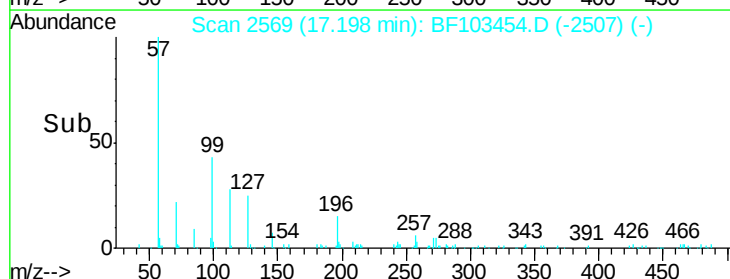
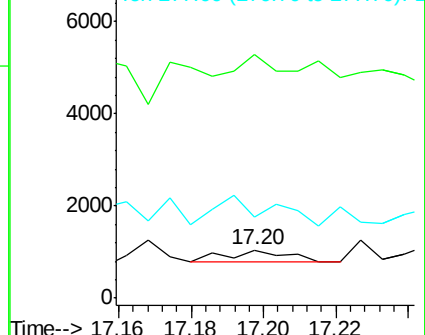
277 221.3 20.1 30.1#

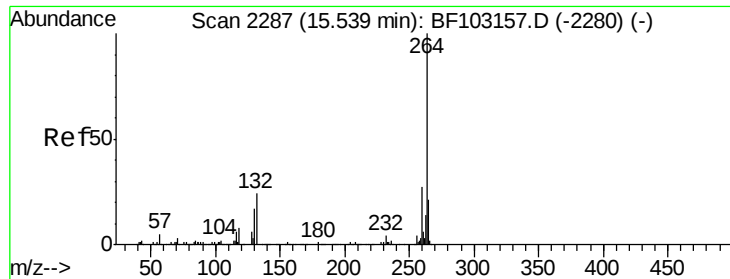


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

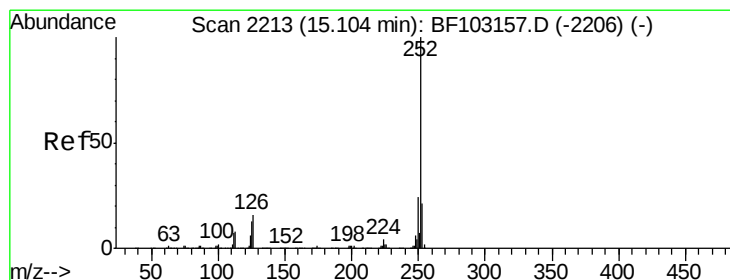
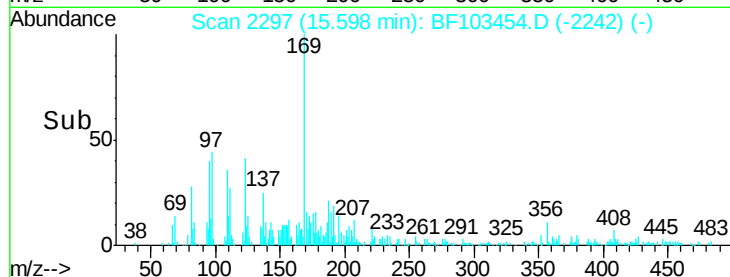
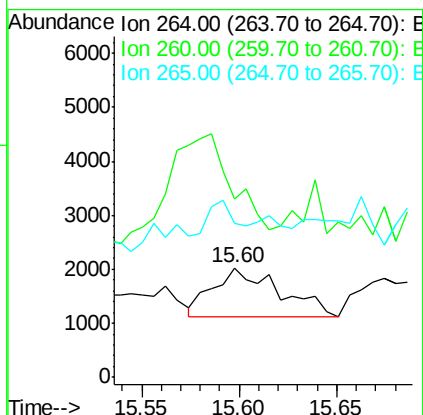
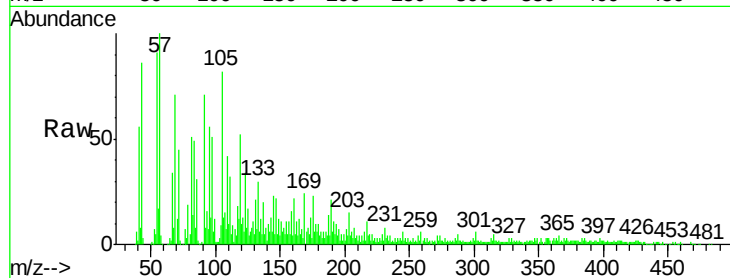




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.60 min Scan# 2297
Delta R.T. 0.02 min
Lab File: BF103454.D
Acq: 6 Mar 2018 14:30

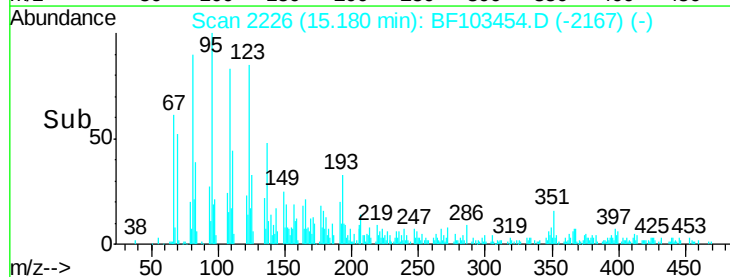
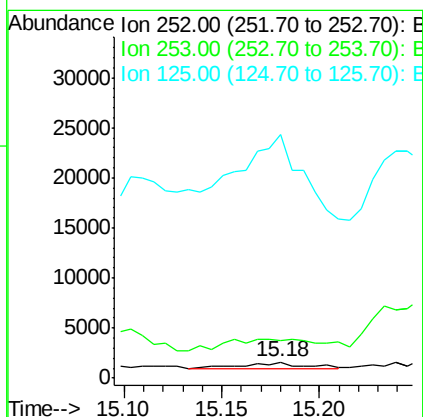
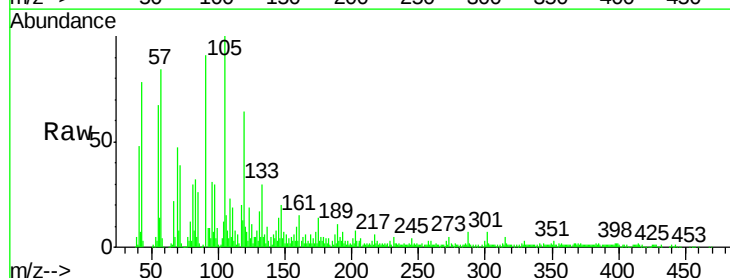
Instrument :
BNA_F
ClientSampleId :

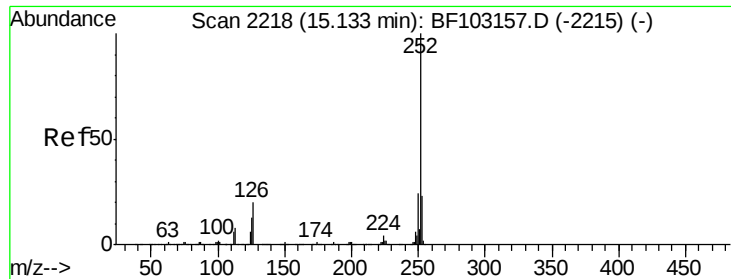
Tot Ion:264 Resp: 2109
Ion Ratio Lower Upper
264 100
260 163.3 19.2 28.8#
265 140.6 17.5 26.3#



#87
Benzo(b)fluoranthene
Concen: 8.402 ng
RT: 15.18 min Scan# 2226
Delta R.T. 0.05 min
Lab File: BF103454.D
Acq: 6 Mar 2018 14:30

Tgt Ion:252 Resp: 1165
Ion Ratio Lower Upper
252 100
253 235.2 17.0 25.6#
125 1534.9 9.0 13.6#

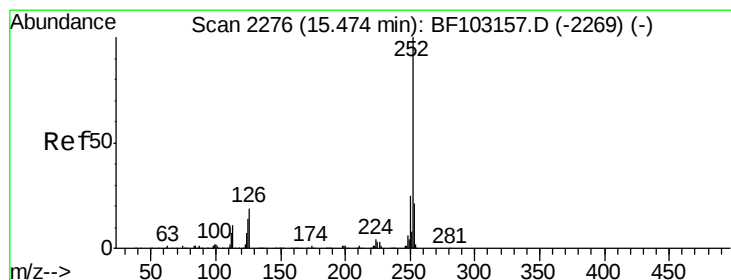
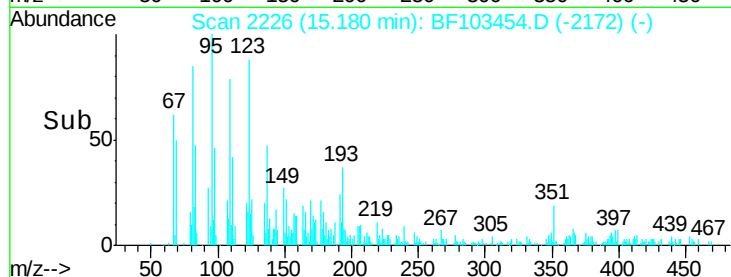
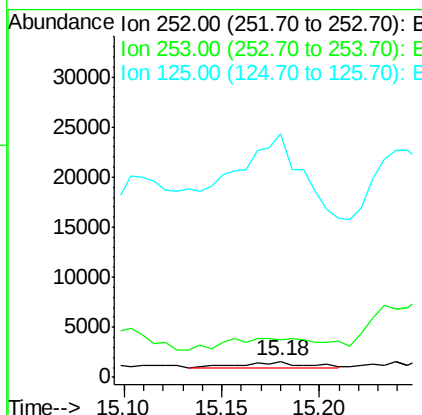
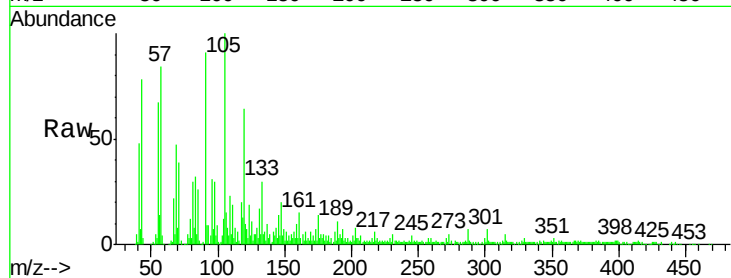




#88
Benzo(k)fluoranthene
Concen: 8.922 ng
RT: 15.18 min Scan# 2226
Delta R.T. 0.02 min
Lab File: BF103454.D
Acq: 6 Mar 2018 14:30

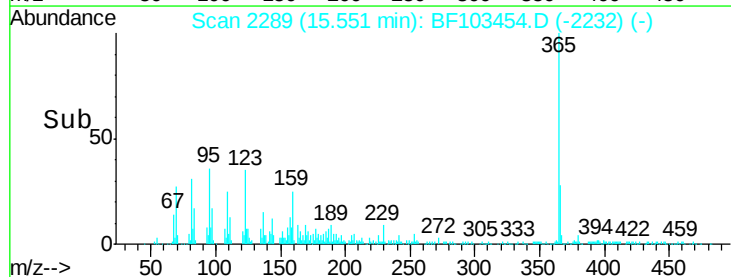
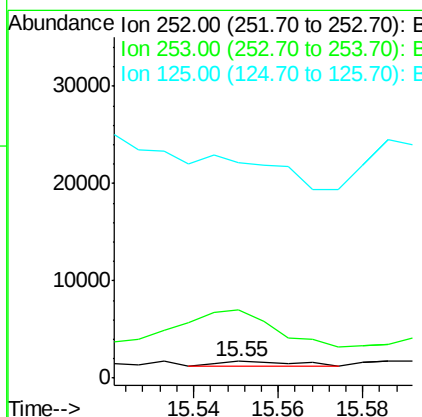
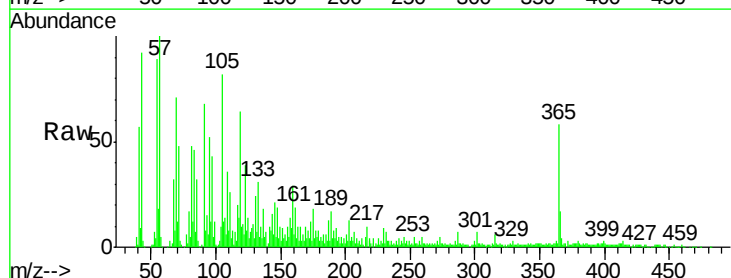
Instrument :
BNA_F
ClientSampleId :

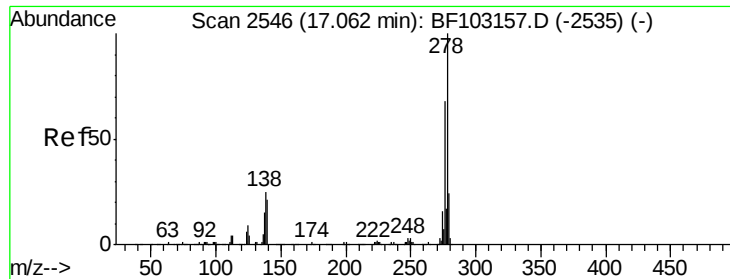
Tot Ion:252 Resp: 1165
Ion Ratio Lower Upper
252 100
253 235.2 17.9 26.9#
125 1534.9 10.2 15.2#



#89
Benzo(a)pyrene
Concen: 5.944 ng
RT: 15.55 min Scan# 2289
Delta R.T. 0.04 min
Lab File: BF103454.D
Acq: 6 Mar 2018 14:30

Tgt Ion:252 Resp: 736
Ion Ratio Lower Upper
252 100
253 413.2 17.1 25.7#
125 1293.6 9.8 14.6#





#90

Dibenzo(a,h)anthracene

Concen: 6.229 ng

RT: 17.15 min Scan# 2561

Delta R.T. 0.02 min

Lab File: BF103454.D

Acq: 6 Mar 2018 14:30

Instrument :

BNA_F

ClientSampleId :

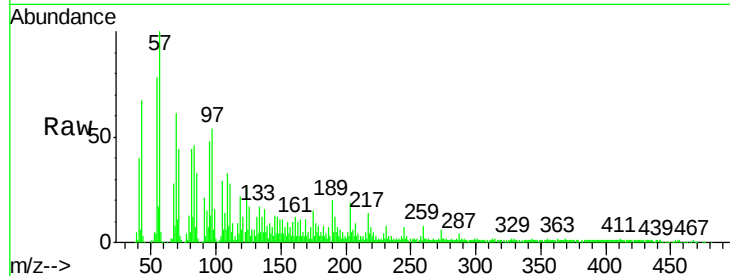
Tot Ion:278 Resp: 596

Ion Ratio Lower Upper

278 100

139 816.3 15.9 23.9#

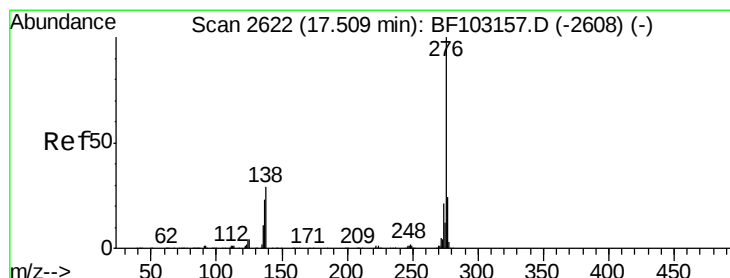
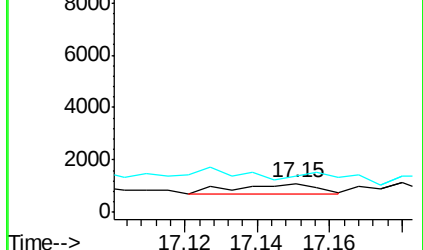
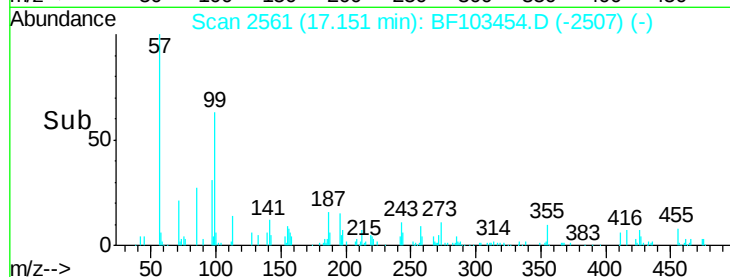
279 124.1 19.0 28.4#



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



#91

Benzo(g,h,i)perylene

Concen: 3.764 ng

RT: 17.63 min Scan# 2642

Delta R.T. 0.03 min

Lab File: BF103454.D

Acq: 6 Mar 2018 14:30

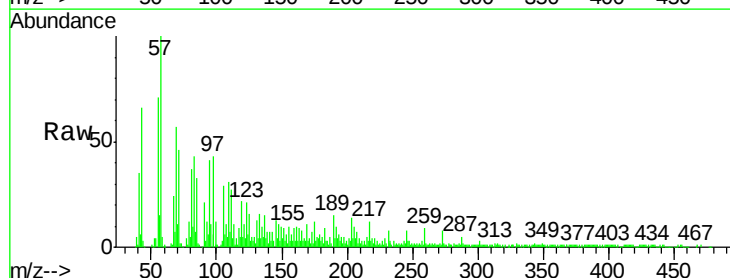
Tgt Ion:276 Resp: 352

Ion Ratio Lower Upper

276 100

277 191.9 17.9 26.9#

138 491.7 21.8 32.8#



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

