

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
 Data File : BF102533.D
 Acq On : 28 Jan 2018 1:38
 Operator : SJ/JU
 Sample : J1326-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO200030

Quant Time: Jan 28 02:39:29 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 20:48:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	114475	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	386736	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	98263	20.00	ng	0.03
63) Phenanthrene-d10	11.23	188	1636	20.00	ng	0.00
75) Chrysene-d12	13.90	240	221408	20.00	ng	0.02
86) Perylene-d12	15.31	264	213170	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	922968	122.25	ng	0.00
7) Phenol-d6	6.36	99	1062556	116.74	ng	0.00
23) Nitrobenzene-d5	7.28	82	592010	87.97	ng	0.00
41) 2,4,6-Tribromophenol	10.59	330	60420	62.06	ng	0.05
44) 2-Fluorobiphenyl	9.08	172	825841	123.57	ng	0.00
78) Terphenyl-d14	12.90	244	295076	30.04	ng	0.08

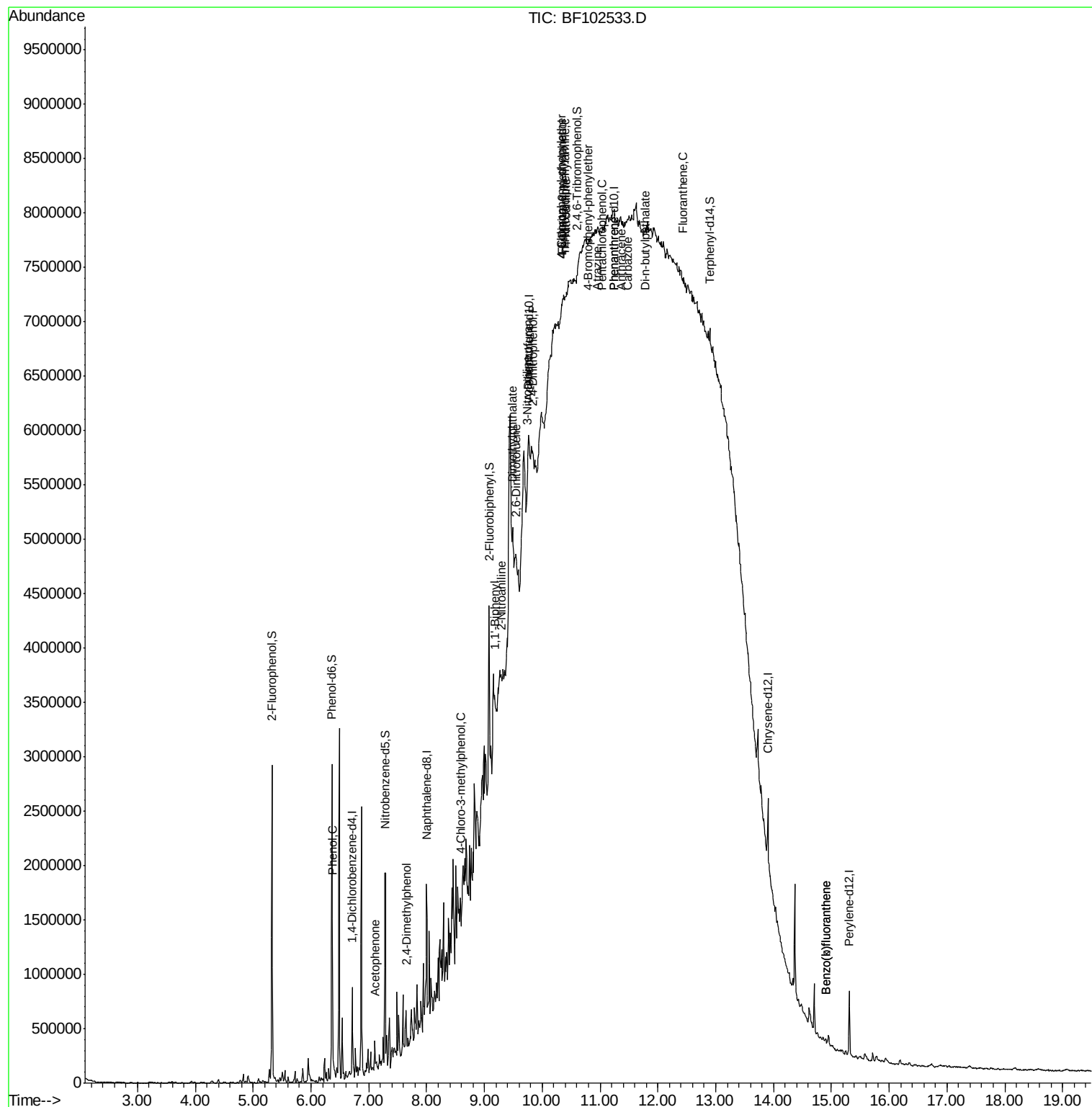
Target Compounds				Qvalue		
10) Phenol	6.37	94	47645	4.795	ng	97
22) Acetophenone	7.10	105	22387	2.428	ng	# 64
27) 2,4-Dimethylphenol	7.65	122	11675	2.218	ng	# 1
36) 4-Chloro-3-methylphenol	8.58	107	13256	2.346	ng	# 26
45) 1,1'-Biphenyl	9.18	154	92033	10.475	ng	90
47) 2-Nitroaniline	9.29	65	9963	4.679	ng	# 62
49) Dimethylphthalate	9.48	163	139903	17.225	ng	# 69
50) 2,6-Dinitrotoluene	9.56	165	31334	17.894	ng	# 40
52) 3-Nitroaniline	9.74	138	39830	19.227	ng	# 35
53) 2,4-Dinitrophenol	9.83	184	1016	4.929	ng	# 1
54) Dibenzofuran	9.76	168	115408	13.723	ng	96
57) Fluorene	10.35	166	25828	3.876	ng	# 1
60) 4-Chlorophenyl-phenylether	10.33	204	8828	3.055	ng	# 1
61) 4-Nitroaniline	10.42	138	10548	5.103	ng	# 18
64) 4,6-Dinitro-2-methylphenol	10.34	198	23407	2144.536	ng	# 1
65) n-Nitrosodiphenylamine	10.39	169	20595	342.978	ng	# 51
66) 4-Bromophenyl-phenylether	10.79	248	1757	99.764	ng	# 1
68) Atrazine	10.95	200	1555	87.681	ng	# 1
69) Pentachlorophenol	11.02	266	336	32.474	ng	# 1
70) Phenanthrene	11.24	178	6458	67.741	ng	# 1
71) Anthracene	11.36	178	47571	488.882	ng	# 1
72) Carbazole	11.47	167	1245	13.115	ng	# 1
73) Di-n-butylphthalate	11.79	149	5882	49.570	ng	# 12
74) Fluoranthene	12.43	202	5050	51.946	ng	# 1
87) Benzo(b)fluoranthene	14.90	252	30019	2.173	ng	# 72
88) Benzo(k)fluoranthene	14.90	252	30019	2.300	ng	# 75

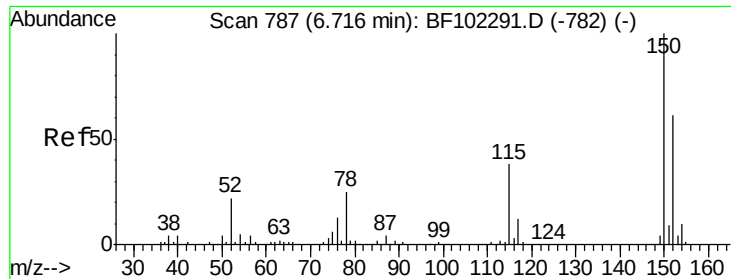
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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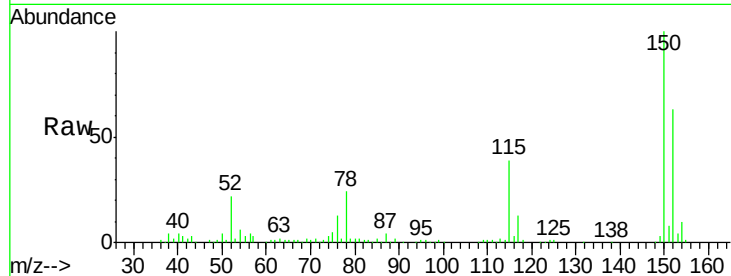


#1

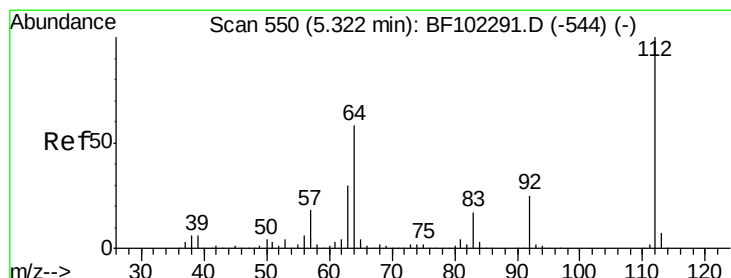
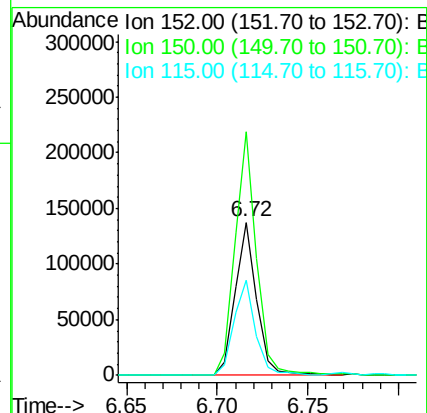
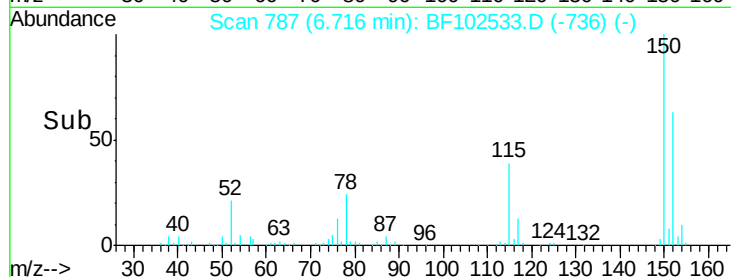
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102533.D
Acq: 28 Jan 2018 1:38

Instrument :
BNA_F
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Tgt Ion:152 Resp: 114475
Ion Ratio Lower Upper
152 100
150 159.1 124.6 186.8
115 62.3 50.1 75.1



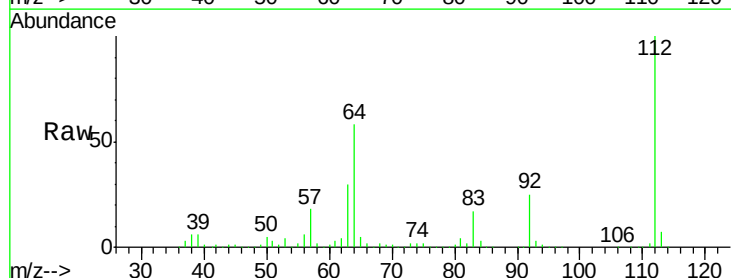
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



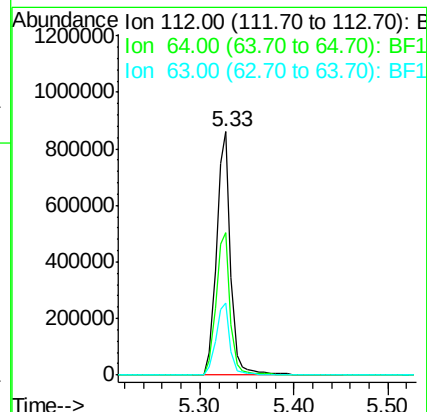
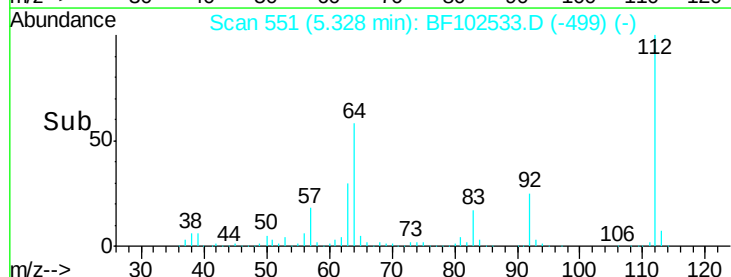
#5

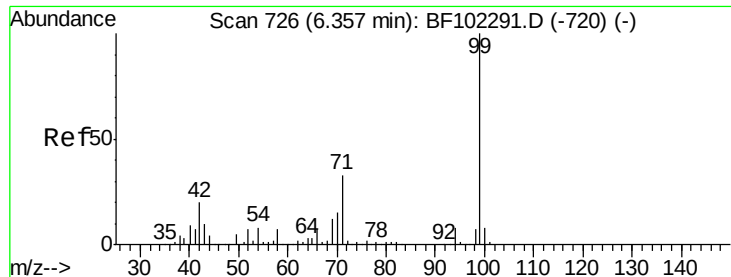
2-Fluorophenol
Concen: 122.250 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF102533.D
Acq: 28 Jan 2018 1:38

Tgt Ion:112 Resp: 922968
Ion Ratio Lower Upper
112 100
64 58.5 47.9 71.9
63 29.6 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: 116.739 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF102533.D

Acq: 28 Jan 2018 1:38

Instrument :

BNA_F

ClientSampleId :

RO200030

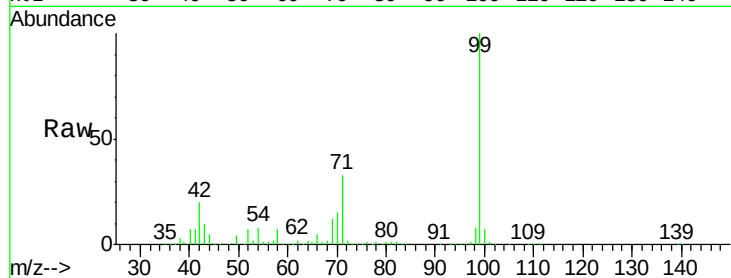
Tgt Ion: 99 Resp: 1062556

Ion Ratio Lower Upper

99 100

42 19.7 14.5 21.7

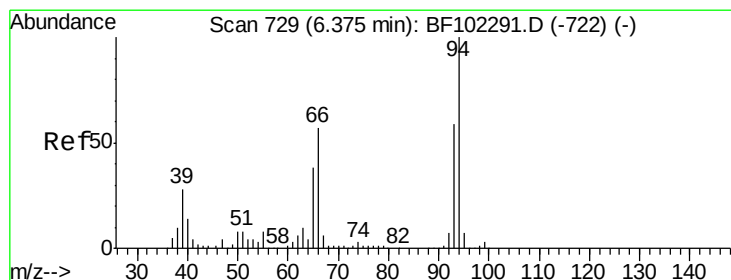
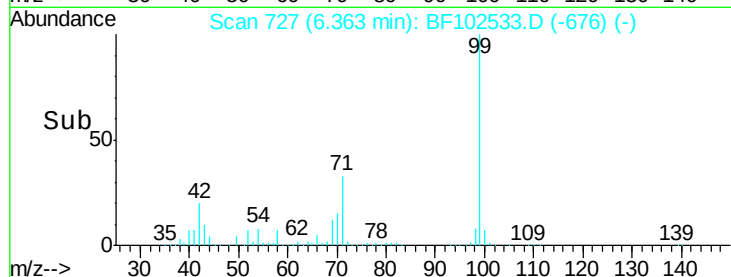
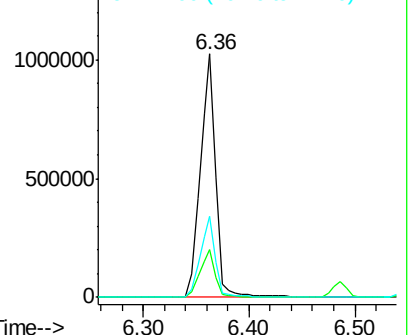
71 33.2 25.4 38.0



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: 4.795 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF102533.D

Acq: 28 Jan 2018 1:38

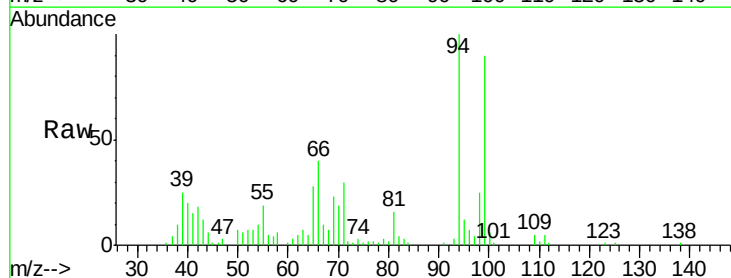
Tgt Ion: 94 Resp: 47645

Ion Ratio Lower Upper

94 100

65 28.1 7.9 47.9

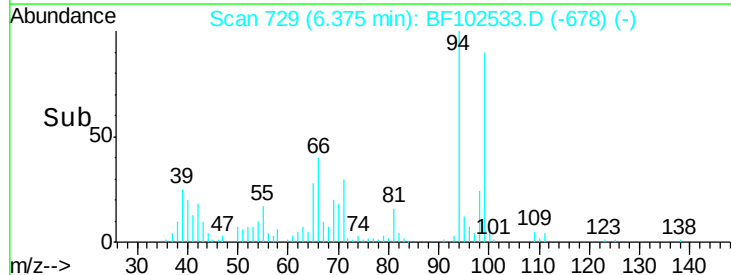
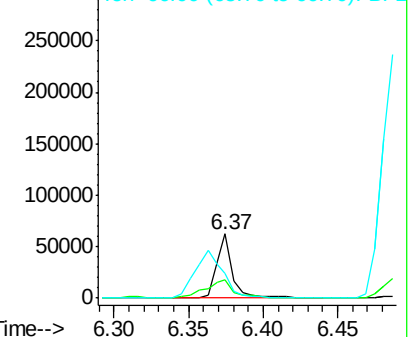
66 39.6 16.2 56.2

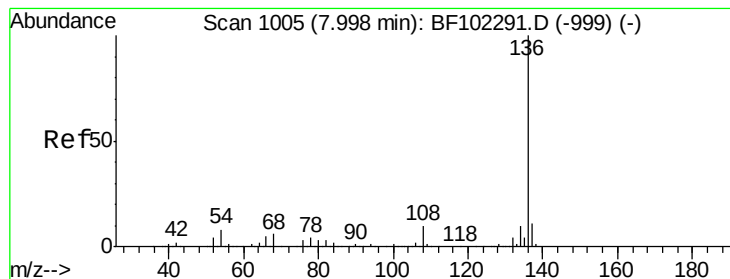


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BF102533.D

Acq: 28 Jan 2018 1:38

Instrument :

BNA_F

ClientSampleId :

RO200030

Tgt Ion:136 Resp: 386736

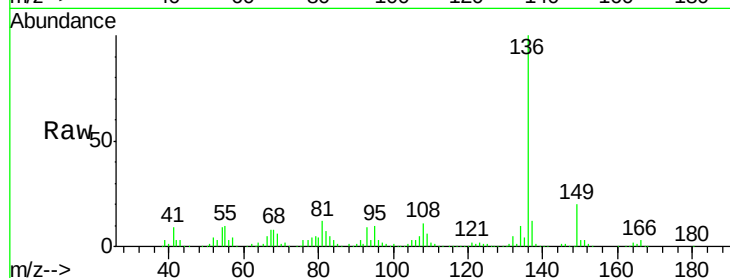
Ion Ratio Lower Upper

136 100

137 12.2 8.9 13.3

54 8.9 6.6 9.8

68 7.5 5.0 7.4#

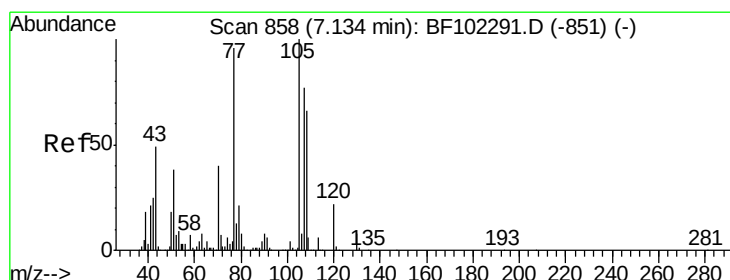
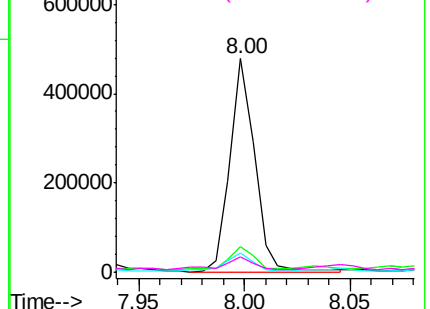
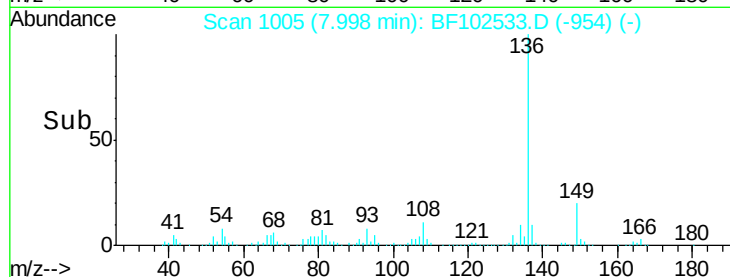


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 2.428 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.03 min

Lab File: BF102533.D

Acq: 28 Jan 2018 1:38

Tgt Ion:105 Resp: 22387

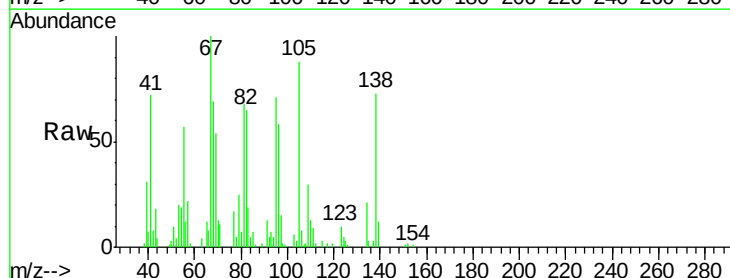
Ion Ratio Lower Upper

105 100

71 12.5 4.4 6.6#

51 11.4 22.3 33.5#

120 0.0 16.9 25.3#

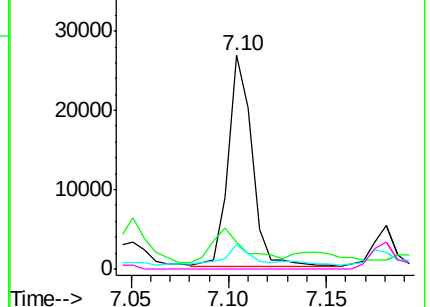
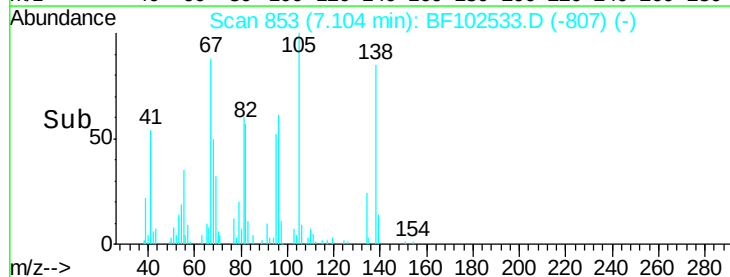


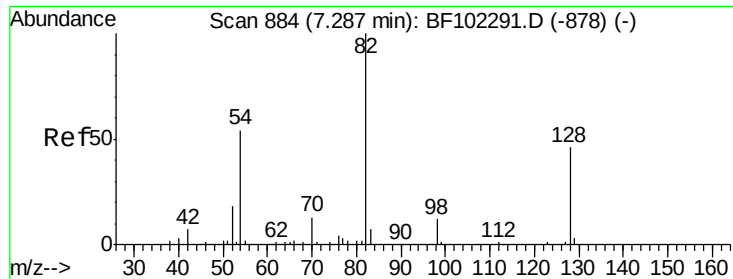
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

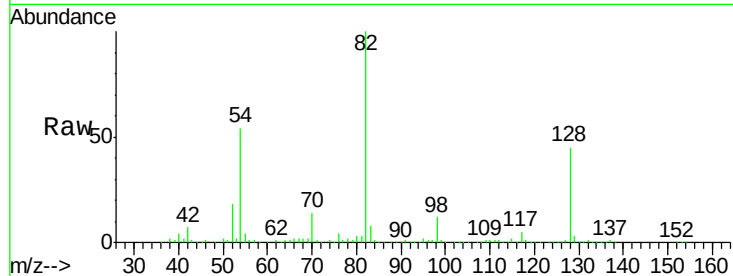




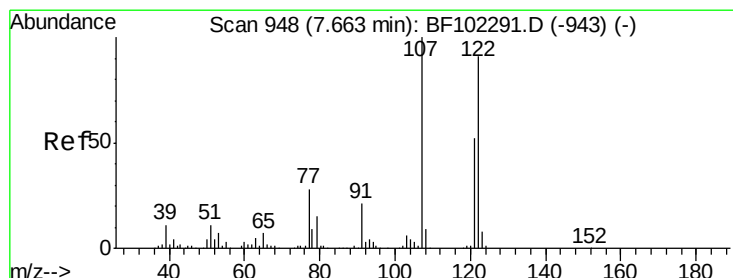
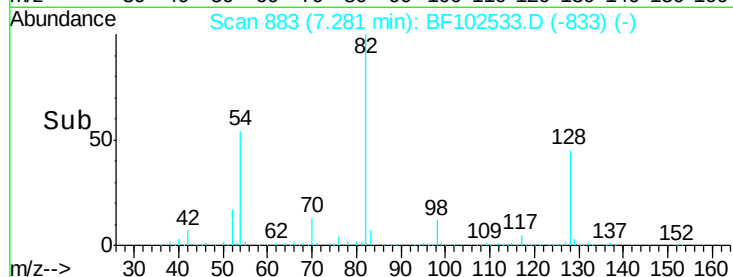
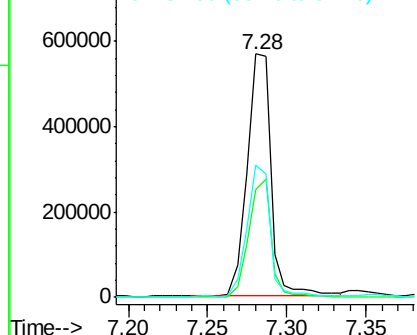
#23
 Nitrobenzene-d5
 Concen: 87.970 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF102533.D
 Acq: 28 Jan 2018 1:38

Instrument :
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 ClientSampleId :
 RO200030

Tgt Ion: 82 Resp: 592010
 Ion Ratio Lower Upper
 82 100
 128 44.5 36.1 54.1
 54 54.5 41.4 62.2

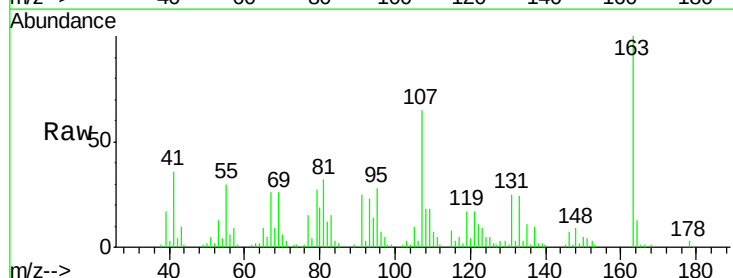


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

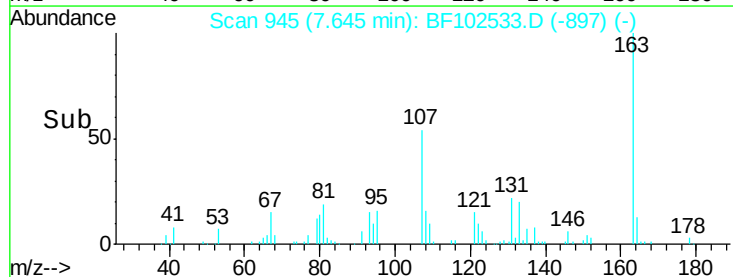
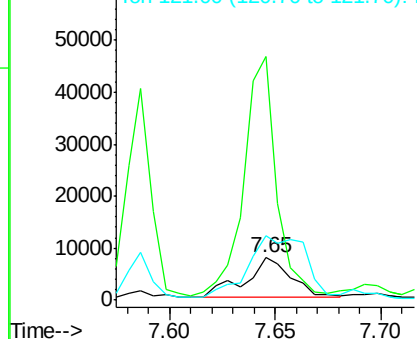


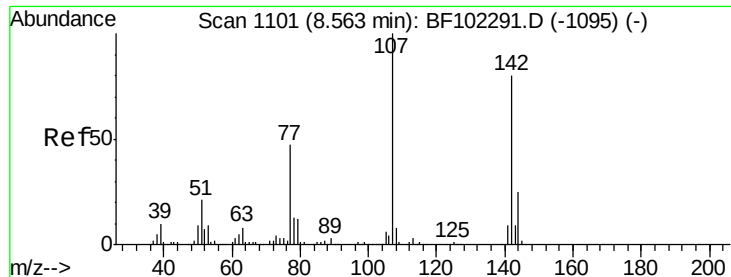
#27
 2,4-Dimethylphenol
 Concen: 2.218 ng
 RT: 7.65 min Scan# 945
 Delta R.T. -0.02 min
 Lab File: BF102533.D
 Acq: 28 Jan 2018 1:38

Tgt Ion: 122 Resp: 11675
 Ion Ratio Lower Upper
 122 100
 107 572.8 91.2 136.8#
 121 152.9 47.2 70.8#



Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

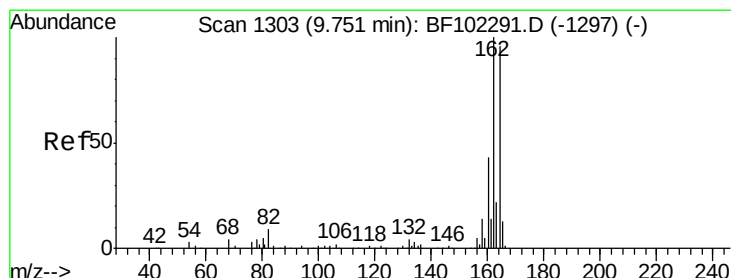
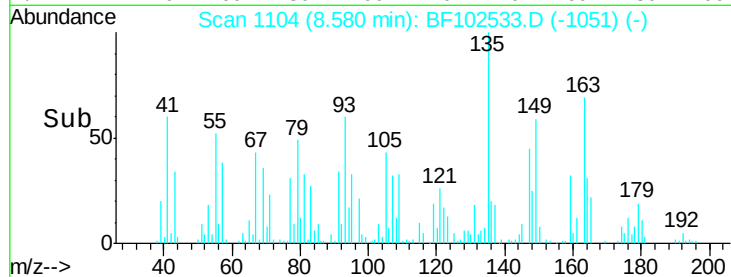
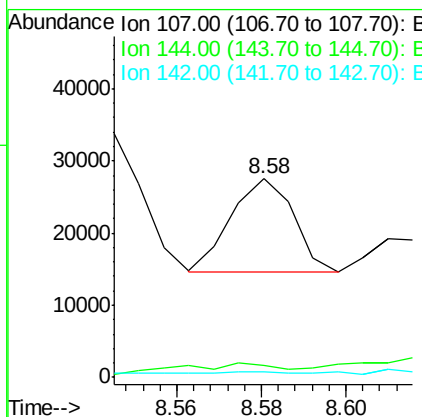
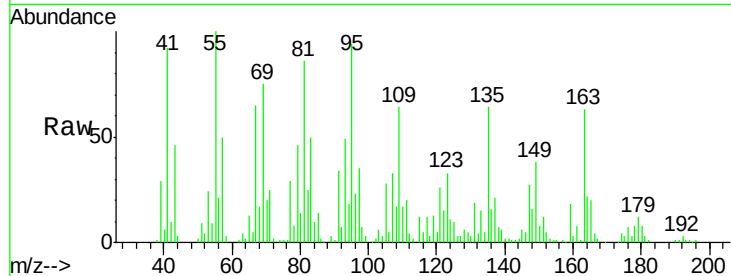




#36
 4-Chloro-3-methylphenol
 Concen: 2.346 ng
 RT: 8.58 min Scan# 1104
 Delta R.T. 0.01 min
 Lab File: BF102533.D
 Acq: 28 Jan 2018 1:38

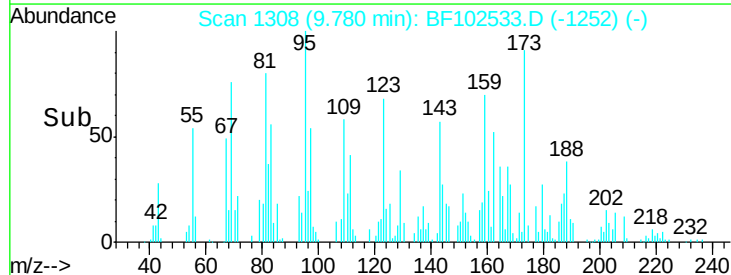
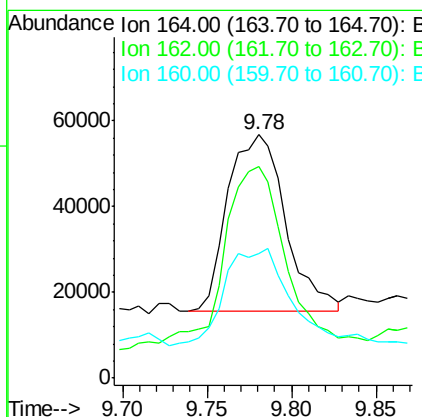
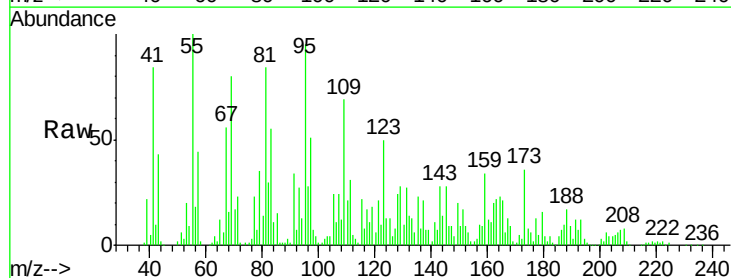
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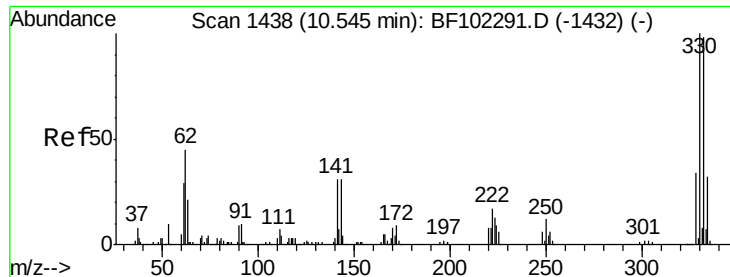
Tgt Ion:107 Resp: 13256
 Ion Ratio Lower Upper
 107 100
 144 6.3 20.5 30.7#
 142 2.5 62.0 93.0#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. 0.03 min
 Lab File: BF102533.D
 Acq: 28 Jan 2018 1:38

Tgt Ion:164 Resp: 98263
 Ion Ratio Lower Upper
 164 100
 162 87.1 86.1 129.1
 160 51.2 38.3 57.5

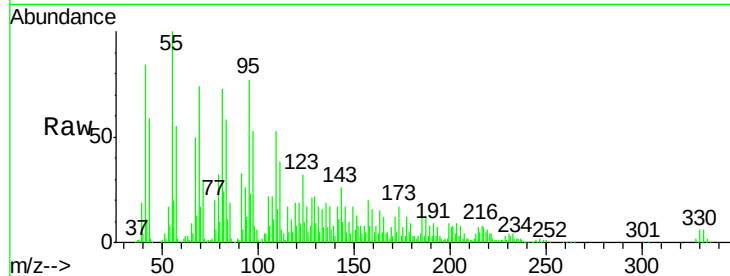




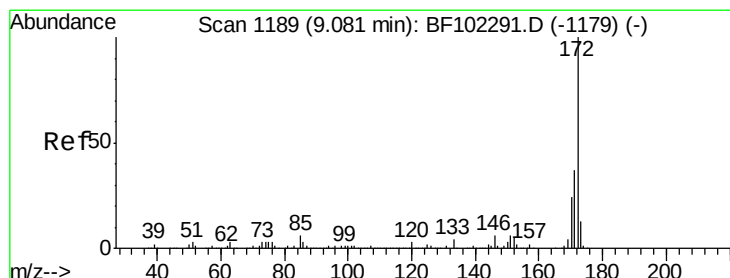
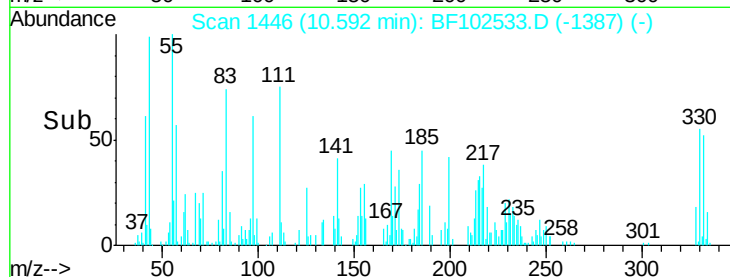
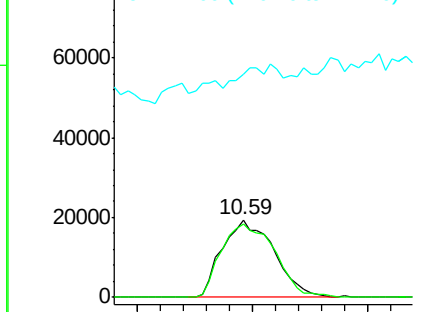
#41
 2,4,6-Tribromophenol
 Concen: 62.055 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. 0.05 min
 Lab File: BF102533.D
 Acq: 28 Jan 2018 1:38

Instrument :
 BNA_F
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 RO200030

Tgt Ion:330 Resp: 60420
 Ion Ratio Lower Upper
 330 100
 332 98.8 77.0 115.6
 141 5.9 29.9 44.9#

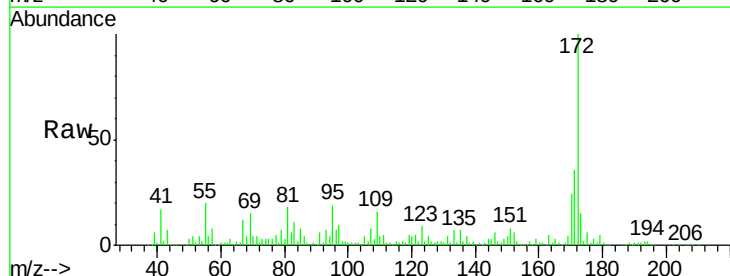


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

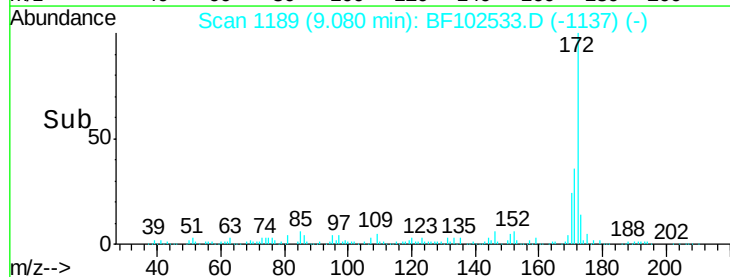
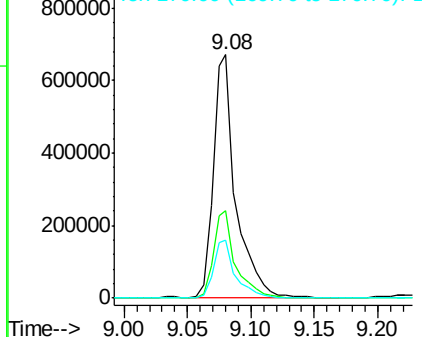


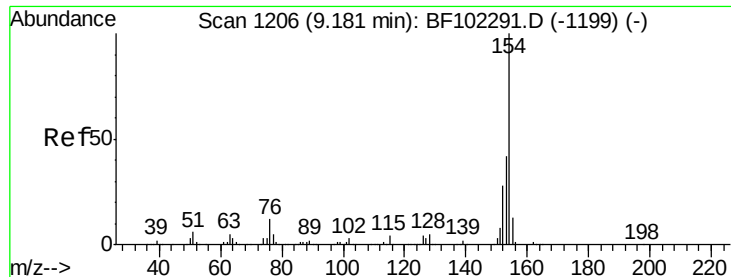
#44
 2-Fluorobiphenyl
 Concen: 123.574 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF102533.D
 Acq: 28 Jan 2018 1:38

Tgt Ion:172 Resp: 825841
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.7 44.5
 170 23.8 19.6 29.4



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





#45

1,1'-Biphenyl

Concen: 10.475 ng

RT: 9.18 min Scan# 1206

Delta R.T. -0.00 min

Lab File: BF102533.D

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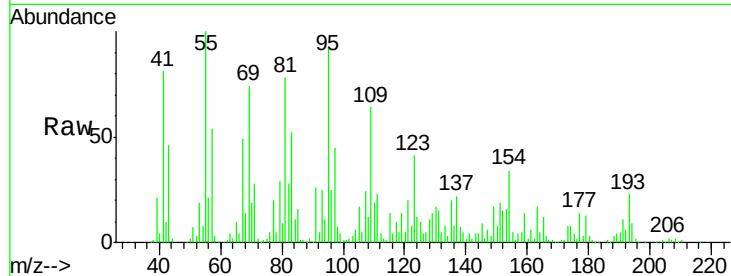
Tgt Ion: 154 Resp: 92033

Ion Ratio Lower Upper

154 100

153 48.8 21.3 61.3

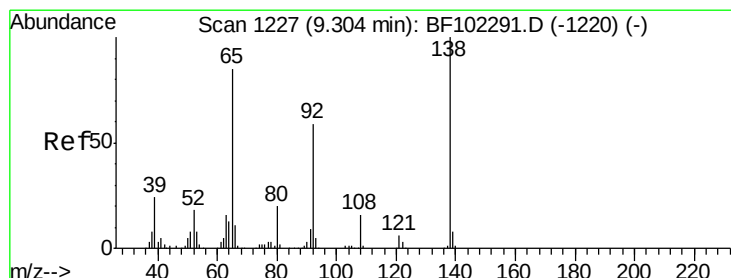
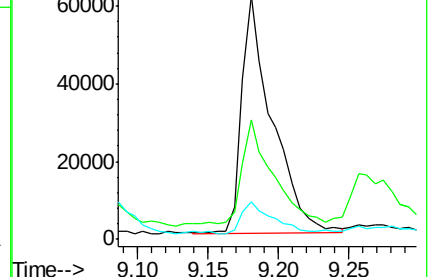
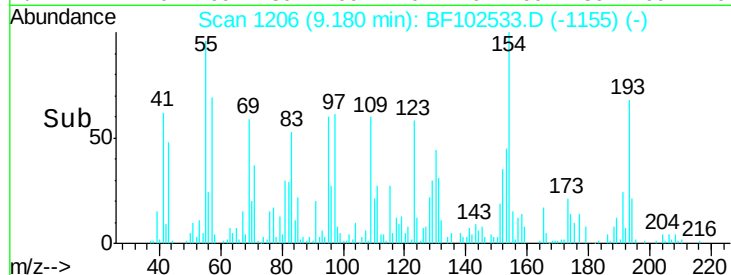
76 15.4 0.0 34.0



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



#47

2-Nitroaniline

Concen: 4.679 ng

RT: 9.29 min Scan# 1225

Delta R.T. -0.01 min

Lab File: BF102533.D

Acq: 28 Jan 2018 1:38

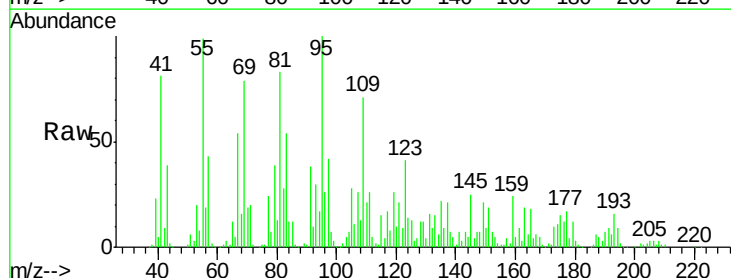
Tgt Ion: 65 Resp: 9963

Ion Ratio Lower Upper

65 100

92 82.4 55.8 83.6

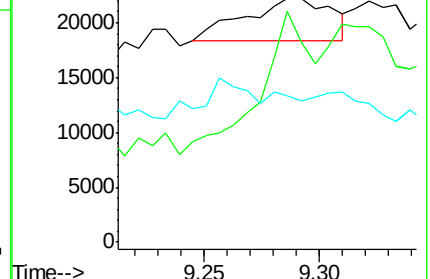
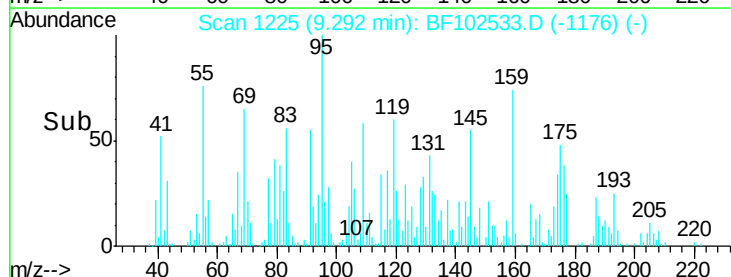
138 58.2 91.2 136.8#

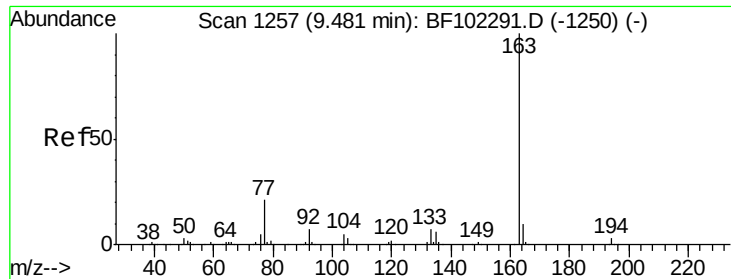


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E

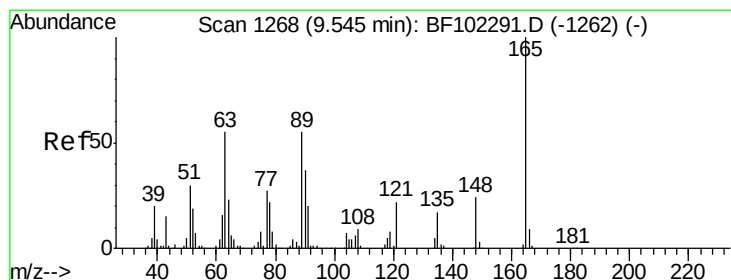
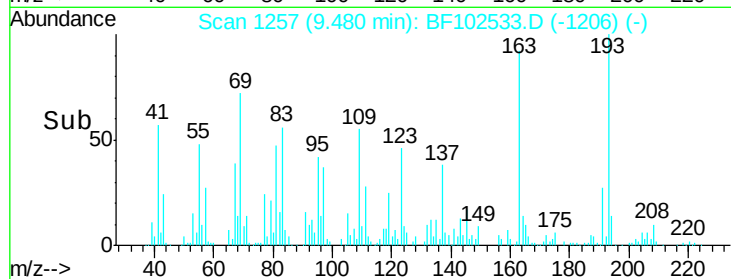
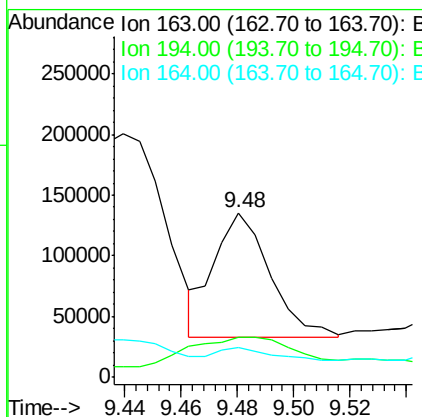
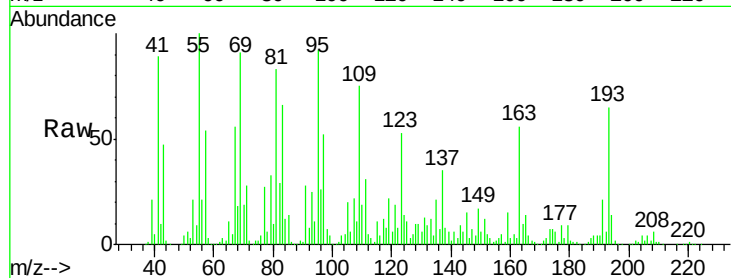




#49
Dimethylphthalate
Concen: 17.225 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.00 min
Lab File: BF102533.D
Acq: 28 Jan 2018 1:38

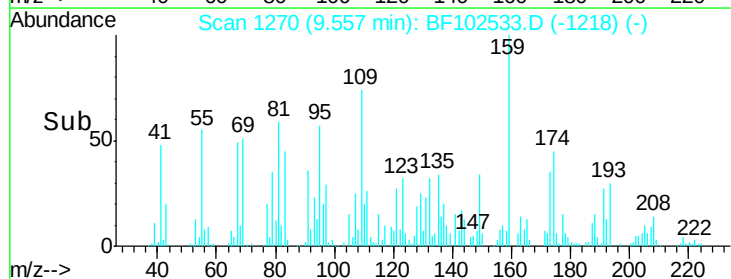
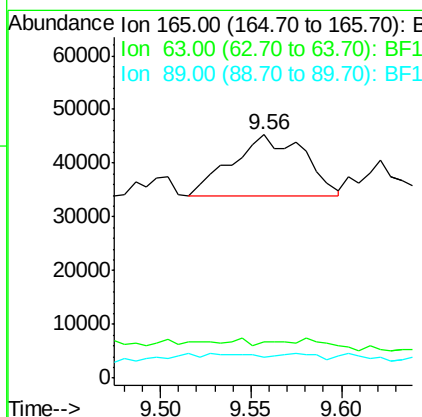
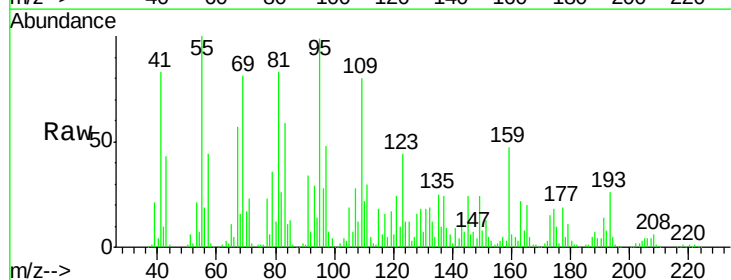
Instrument :
BNA_F
ClientSampleId :
RO200030

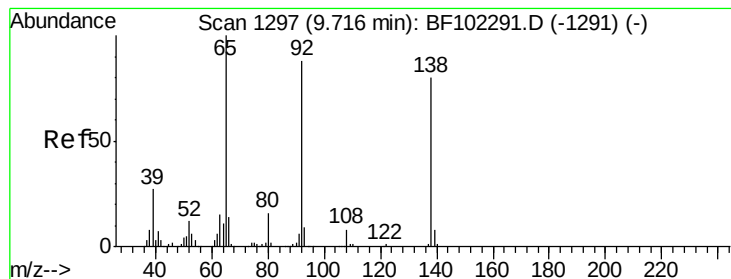
Tgt Ion:163 Resp: 139903
Ion Ratio Lower Upper
163 100
194 24.4 2.7 4.1#
164 17.9 8.2 12.2#



#50
2,6-Dinitrotoluene
Concen: 17.894 ng
RT: 9.56 min Scan# 1270
Delta R.T. 0.01 min
Lab File: BF102533.D
Acq: 28 Jan 2018 1:38

Tgt Ion:165 Resp: 31334
Ion Ratio Lower Upper
165 100
63 14.8 44.7 67.1#
89 8.4 44.0 66.0#





#52

3-Nitroaniline

Concen: 19.227 ng

RT: 9.74 min Scan# 1301

Delta R.T. 0.02 min

Lab File: BF102533.D

Acq: 28 Jan 2018 1:38

Instrument :

BNA_F

ClientSampleId :

RO200030

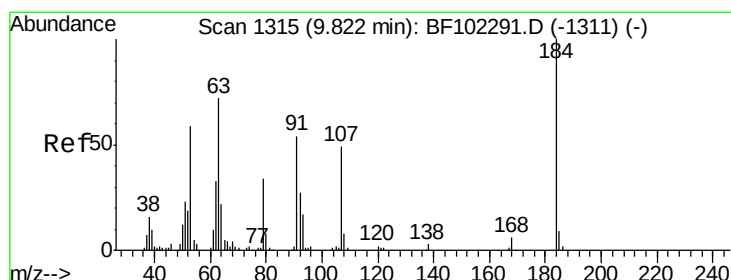
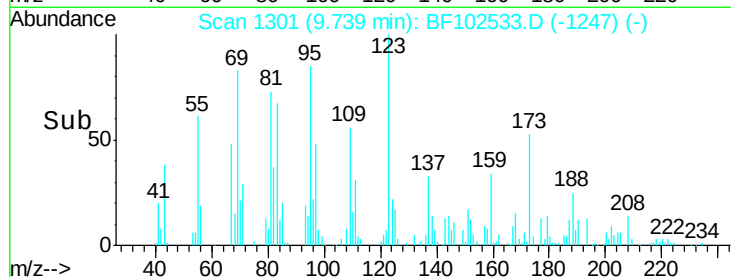
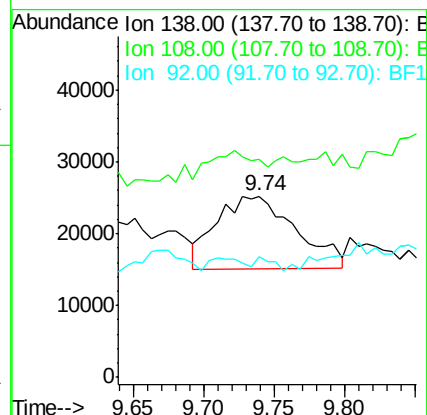
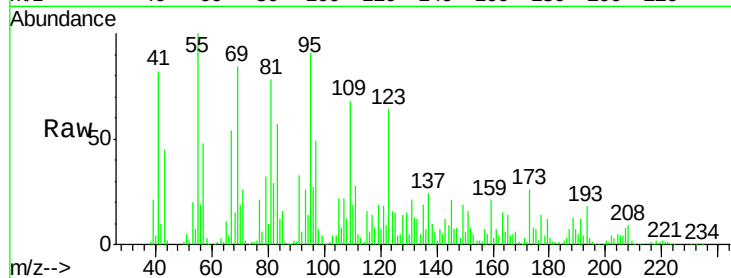
Tgt Ion:138 Resp: 39830

Ion Ratio Lower Upper

138 100

108 120.3 9.4 14.0#

92 66.8 89.4 134.2#



#53

2,4-Dinitrophenol

Concen: 4.929 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF102533.D

Acq: 28 Jan 2018 1:38

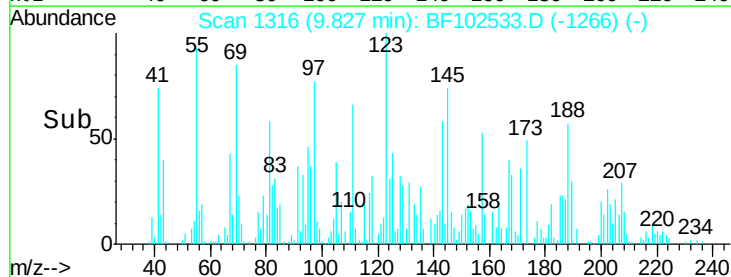
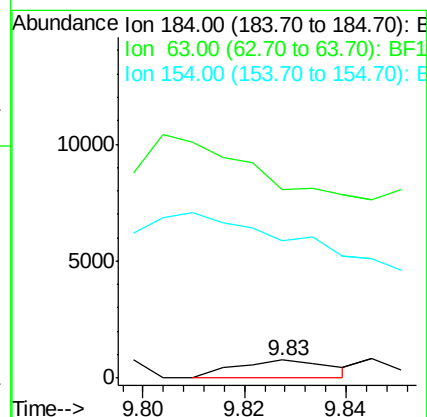
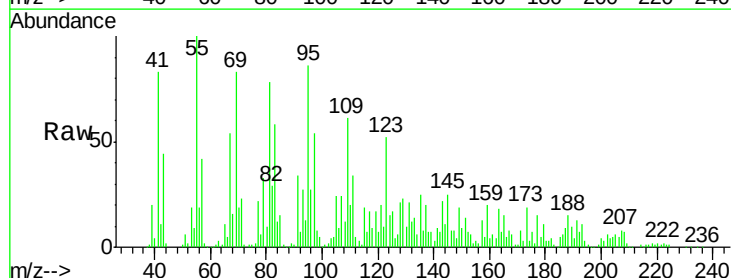
Tgt Ion:184 Resp: 1016

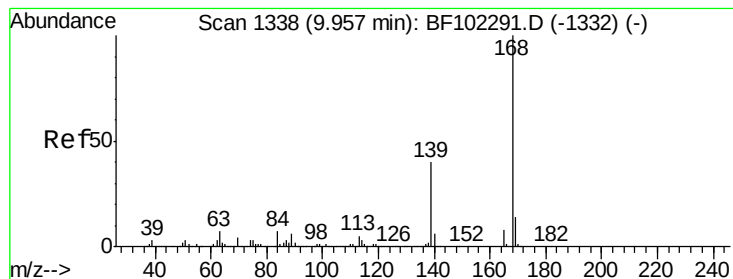
Ion Ratio Lower Upper

184 100

63 1030.1 54.2 81.2#

154 749.6 184.0 276.0#





#54

Dibenzofuran

Concen: 13.723 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.20 min

Lab File: BF102533.D

Acq: 28 Jan 2018 1:38

Instrument :

BNA_F

ClientSampleId :

RO200030

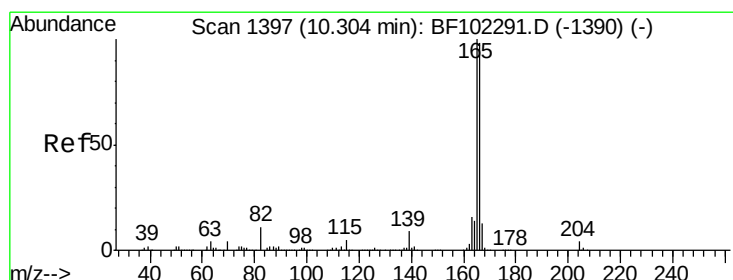
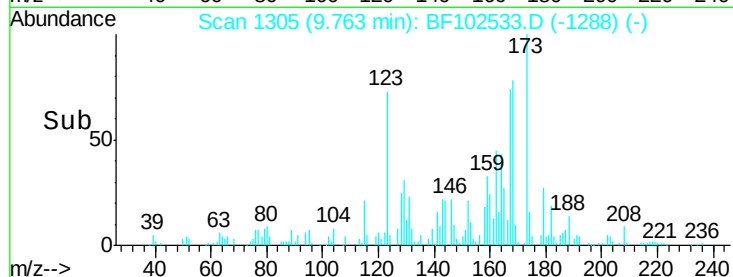
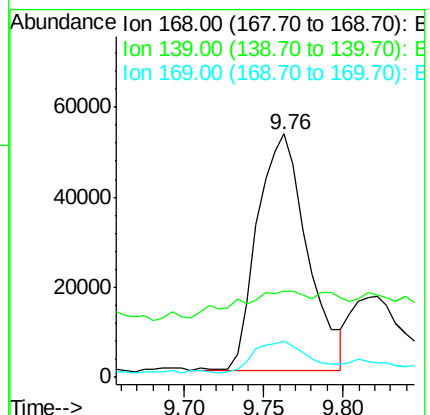
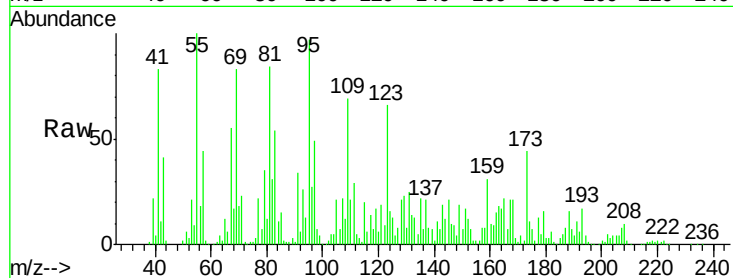
Tgt Ion:168 Resp: 115408

Ion Ratio Lower Upper

168 100

139 35.4 30.1 45.1

169 14.9 10.9 16.3



#57

Fluorene

Concen: 3.876 ng

RT: 10.35 min Scan# 1404

Delta R.T. 0.04 min

Lab File: BF102533.D

Acq: 28 Jan 2018 1:38

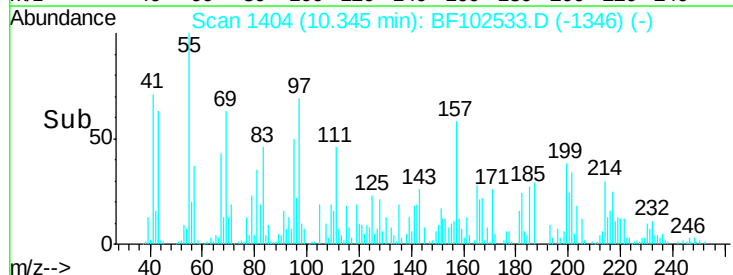
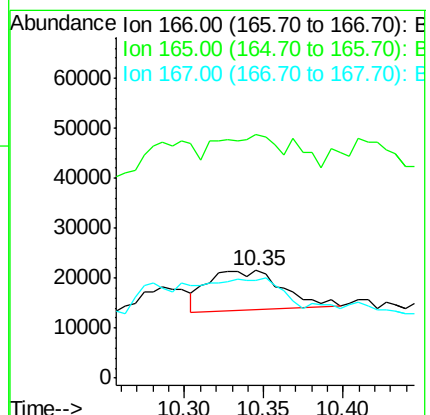
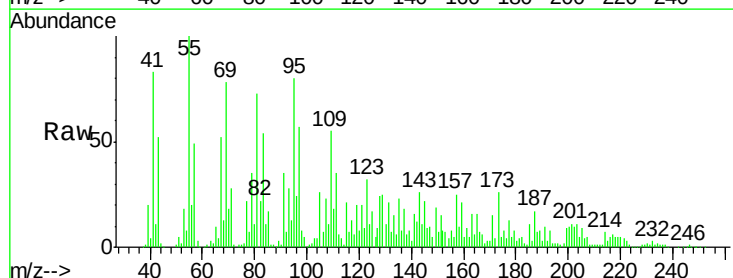
Tgt Ion:166 Resp: 25828

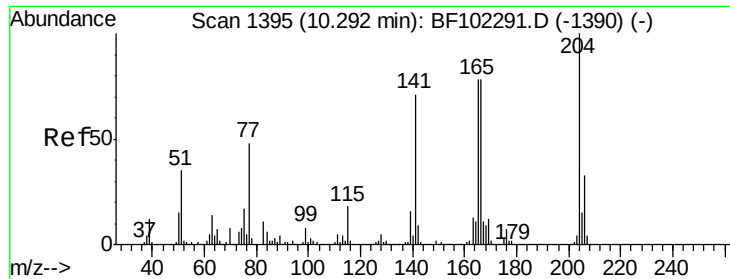
Ion Ratio Lower Upper

166 100

165 225.9 79.8 119.8#

167 90.1 10.6 16.0#

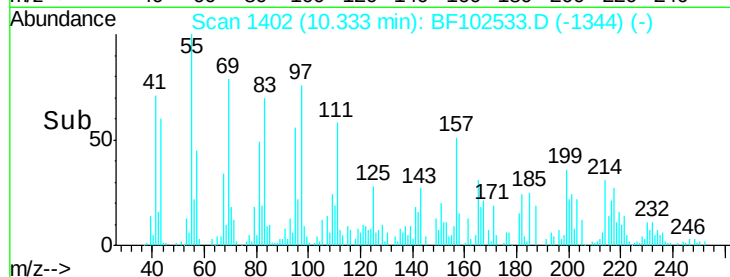
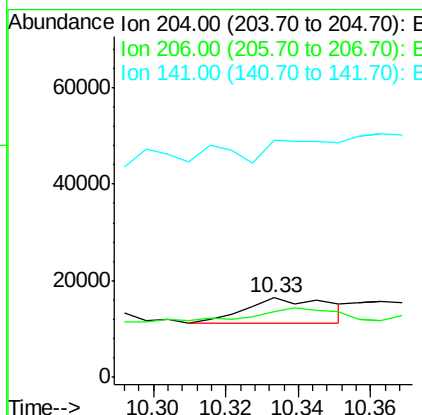
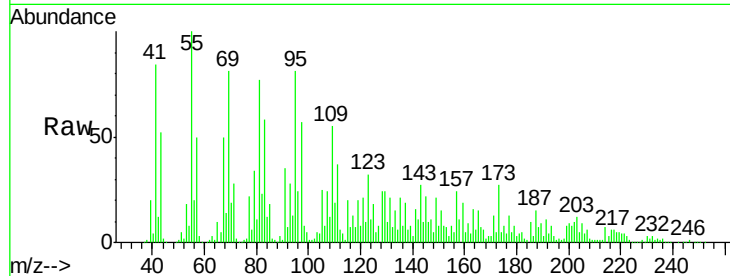




#60
4-Chlorophenyl-phenylether
Concen: 3.055 ng
RT: 10.33 min Scan# 1402
Delta R.T. 0.04 min
Lab File: BF102533.D
Acq: 28 Jan 2018 1:38

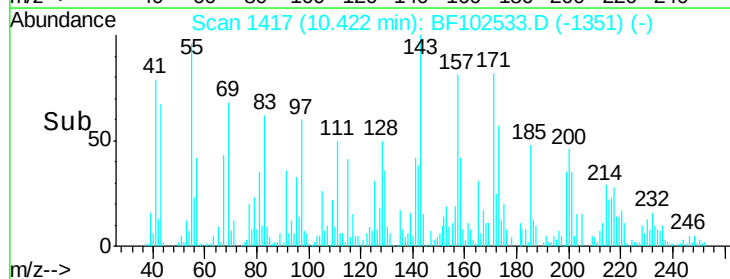
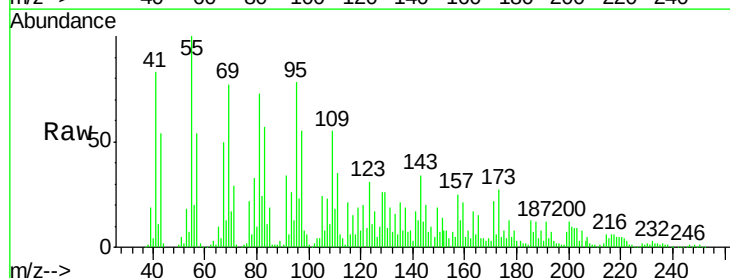
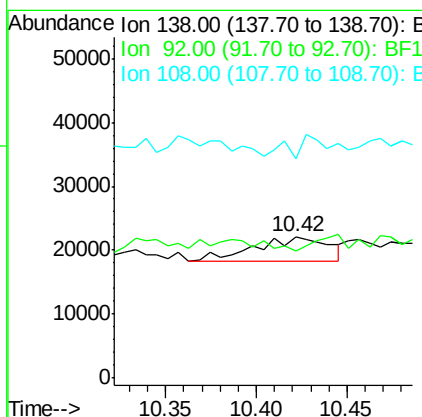
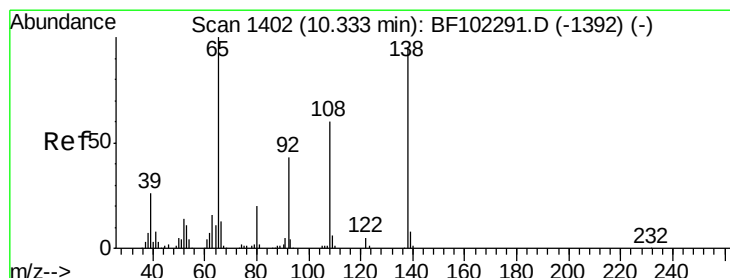
Instrument :
BNA_F
ClientSampleId :
RO200030

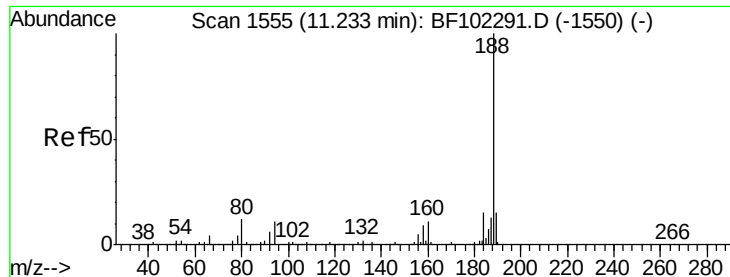
Tgt Ion: 204 Resp: 8828
Ion Ratio Lower Upper
204 100
206 83.4 26.5 39.7#
141 299.2 54.6 81.8#



#61
4-Nitroaniline
Concen: 5.103 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.09 min
Lab File: BF102533.D
Acq: 28 Jan 2018 1:38

Tgt Ion: 138 Resp: 10548
Ion Ratio Lower Upper
138 100
92 90.0 30.2 70.2#
108 154.7 52.5 92.5#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.23 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BF102533.D

Acq: 28 Jan 2018 1:38

Instrument :

BNA_F

ClientSampleId :

RO200030

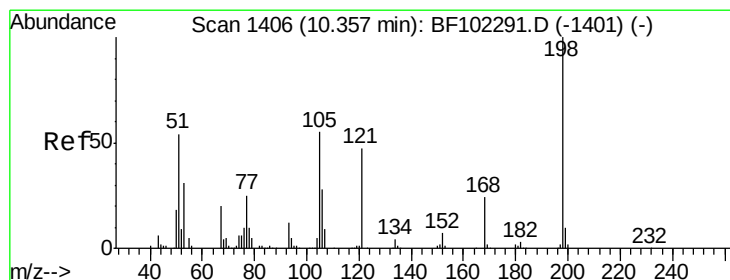
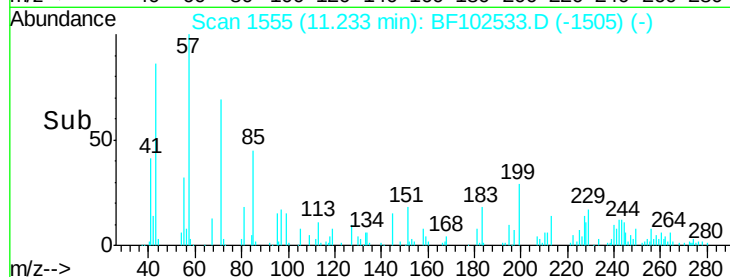
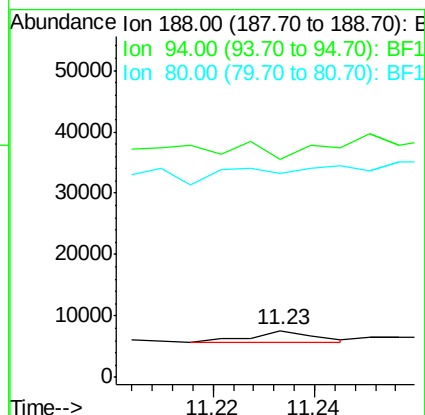
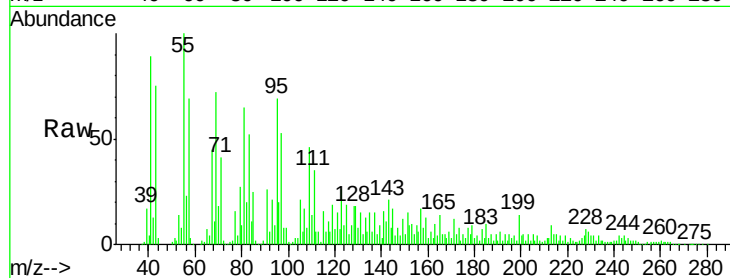
Tgt Ion:188 Resp: 1636

Ion Ratio Lower Upper

188 100

94 463.5 8.5 12.7#

80 434.4 9.2 13.8#



#64

4,6-Dinitro-2-methylphenol

Concen: 2144.536 ng

RT: 10.34 min Scan# 1403

Delta R.T. -0.03 min

Lab File: BF102533.D

Acq: 28 Jan 2018 1:38

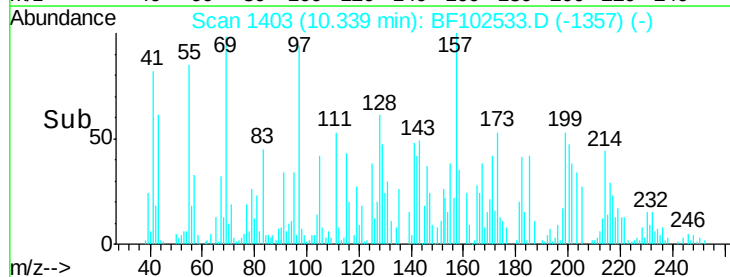
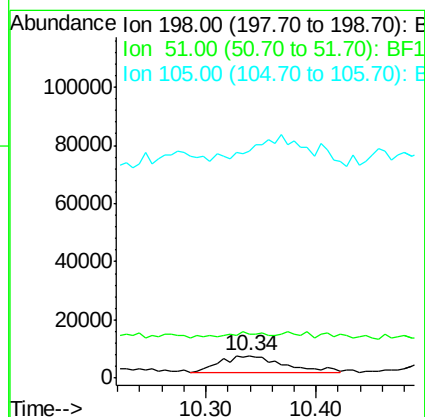
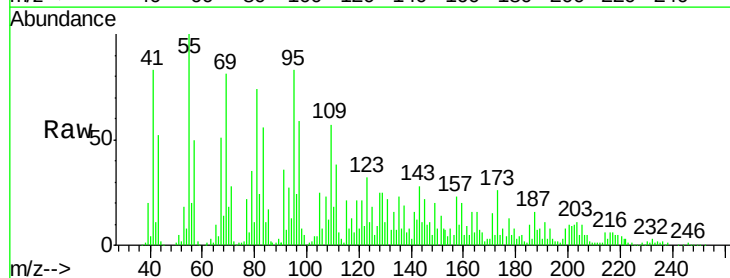
Tgt Ion:198 Resp: 23407

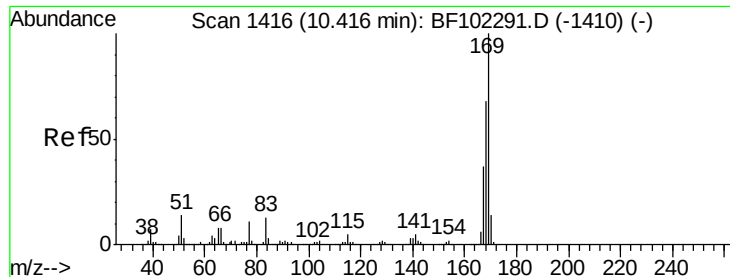
Ion Ratio Lower Upper

198 100

51 194.1 37.7 77.7#

105 1012.6 36.3 76.3#





#65

n-Nitrosodiphenylamine

Concen: 342.978 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.03 min

Lab File: BF102533.D

Acq: 28 Jan 2018 1:38

Instrument :

BNA_F

ClientSampleId :

RO200030

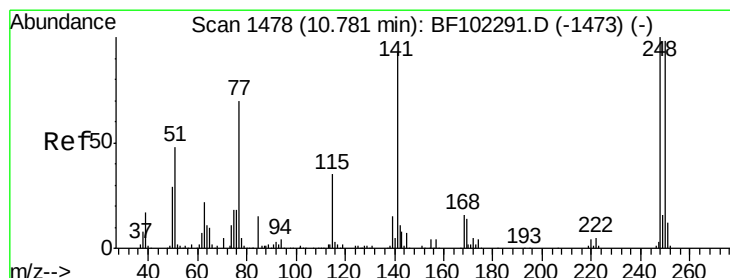
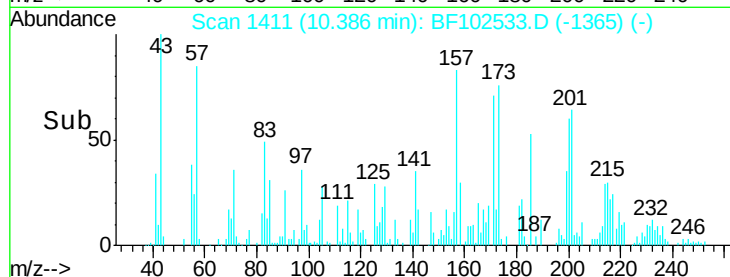
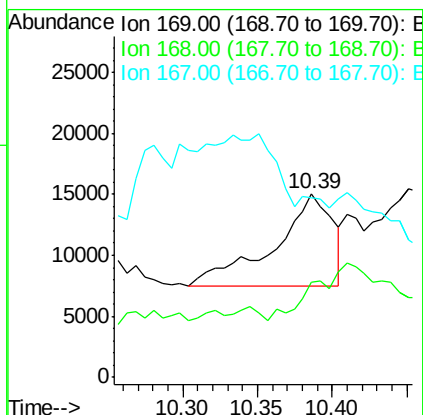
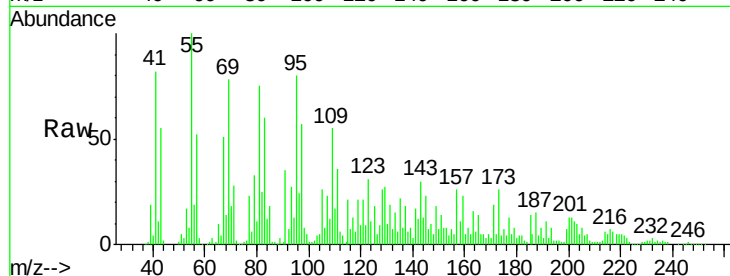
Tgt Ion:169 Resp: 20595

Ion Ratio Lower Upper

169 100

168 51.7 54.4 81.6#

167 97.9 29.8 44.6#



#66

4-Bromophenyl-phenylether

Concen: 99.764 ng

RT: 10.79 min Scan# 1479

Delta R.T. 0.01 min

Lab File: BF102533.D

Acq: 28 Jan 2018 1:38

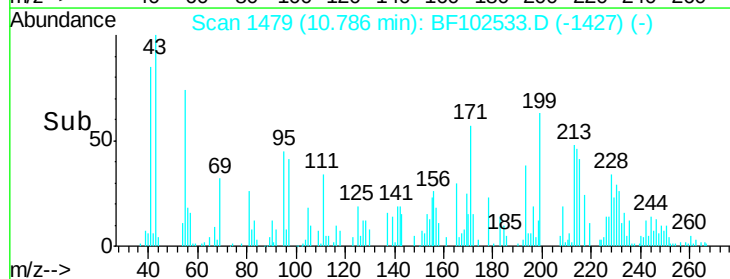
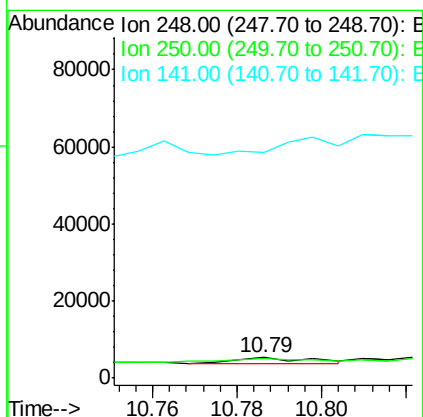
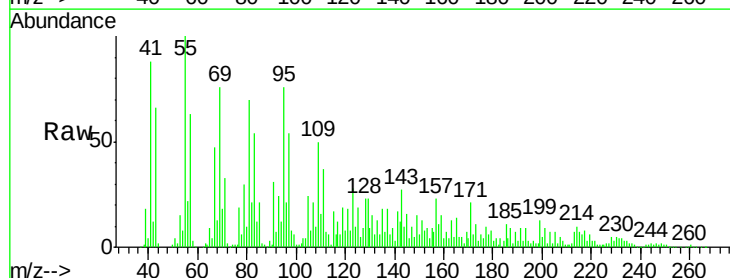
Tgt Ion:248 Resp: 1757

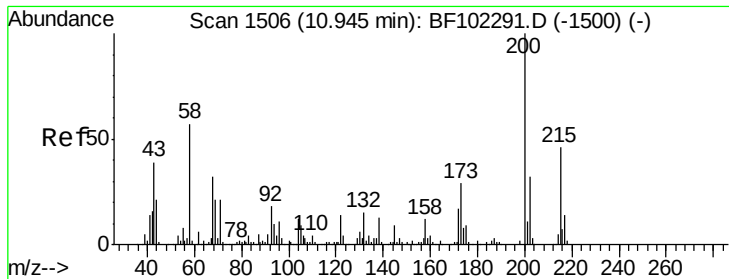
Ion Ratio Lower Upper

248 100

250 93.8 76.9 115.3

141 1092.9 74.4 111.6#

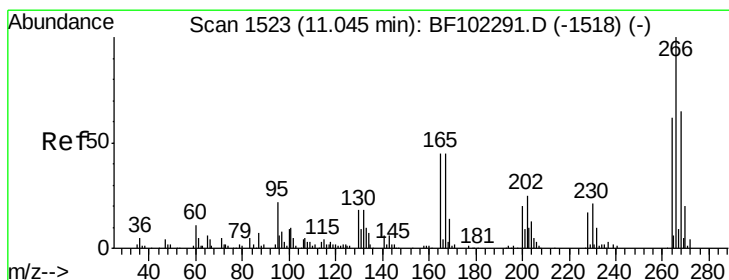
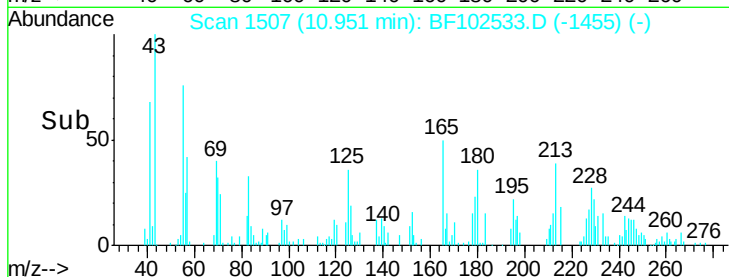
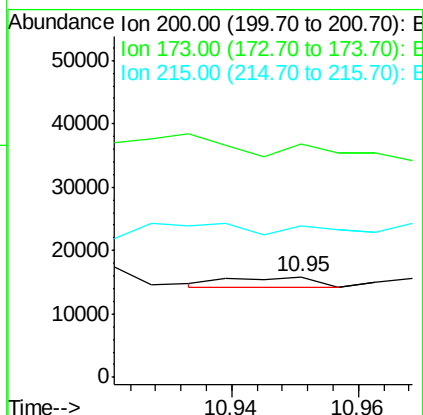
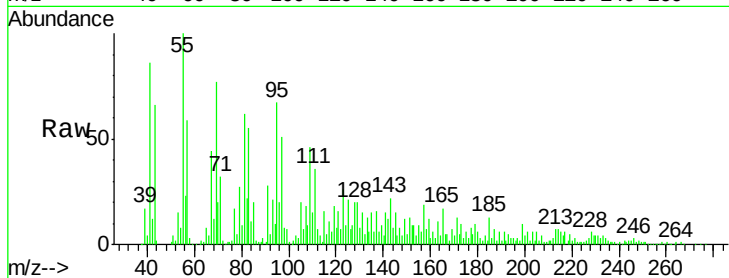




#68
Atrazine
Concen: 87.681 ng
RT: 10.95 min Scan# 1507
Delta R.T. 0.01 min
Lab File: BF102533.D
Acq: 28 Jan 2018 1:38

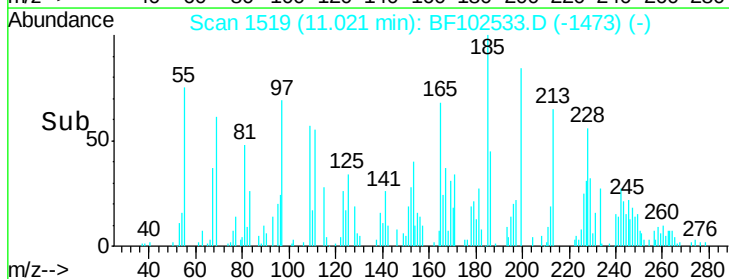
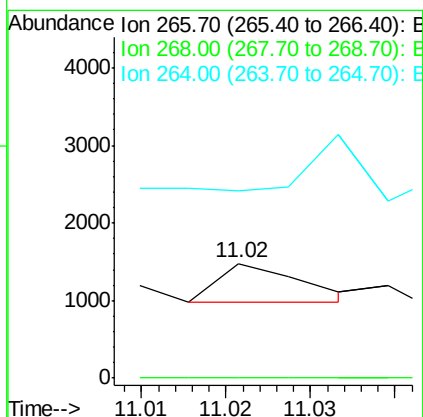
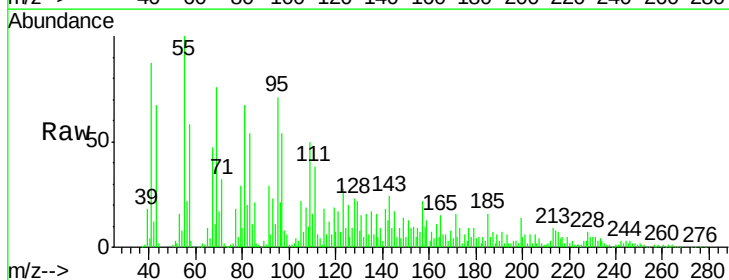
Instrument :
BNA_F
ClientSampleId :
RO200030

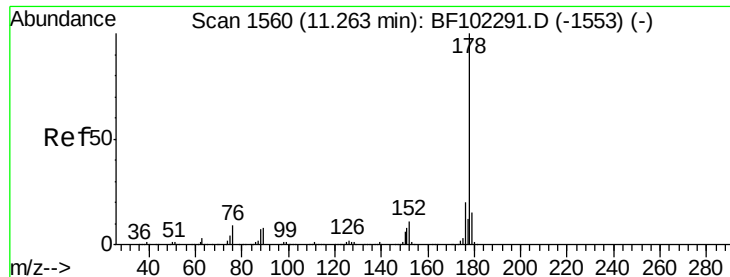
Tgt Ion:200 Resp: 1555
Ion Ratio Lower Upper
200 100
173 232.5 8.6 48.6#
215 150.4 25.1 65.1#



#69
Pentachlorophenol
Concen: 32.474 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.03 min
Lab File: BF102533.D
Acq: 28 Jan 2018 1:38

Tgt Ion:266 Resp: 336
Ion Ratio Lower Upper
266 100
268 0.0 51.1 76.7#
264 163.4 49.5 74.3#





#70

Phenanthrene

Concen: 67.741 ng

RT: 11.24 min Scan# 1557

Delta R.T. -0.02 min

Lab File: BF102533.D

Acq: 28 Jan 2018 1:38

Instrument :

BNA_F

ClientSampleId :

RO200030

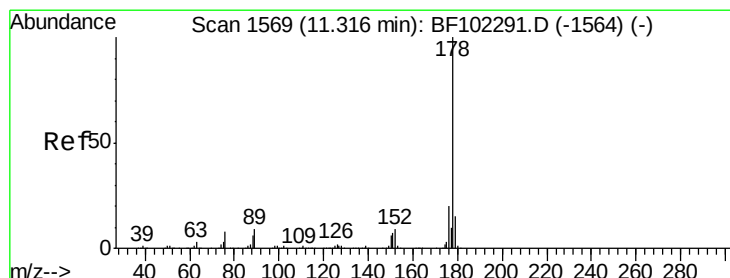
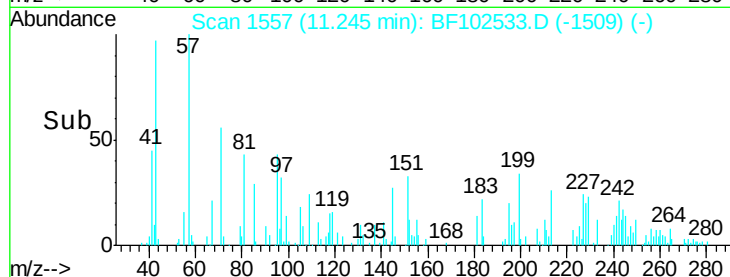
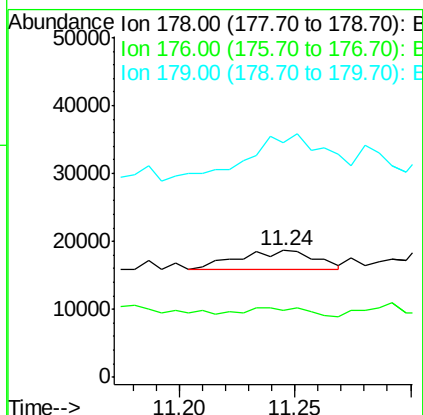
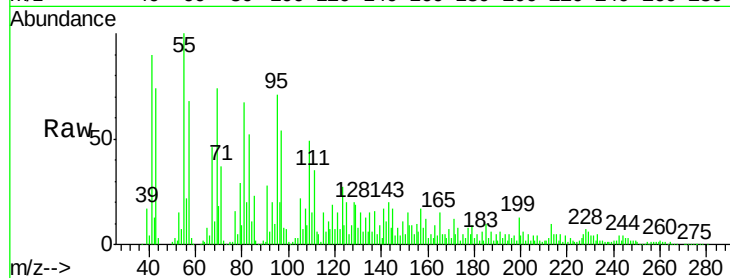
Tgt Ion:178 Resp: 6458

Ion Ratio Lower Upper

178 100

176 52.2 15.8 23.8#

179 184.9 13.0 19.6#



#71

Anthracene

Concen: 488.882 ng

RT: 11.36 min Scan# 1577

Delta R.T. 0.05 min

Lab File: BF102533.D

Acq: 28 Jan 2018 1:38

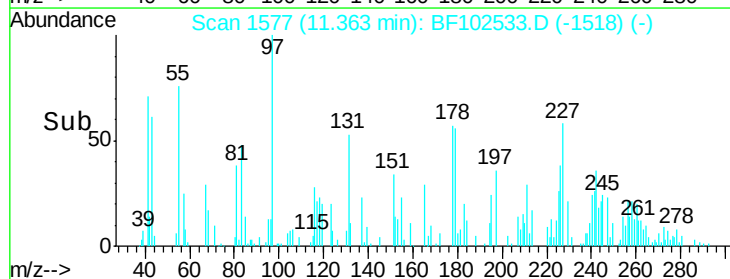
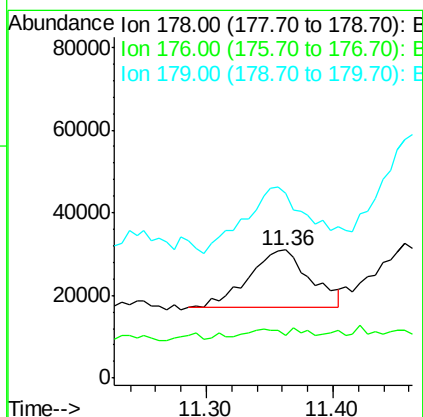
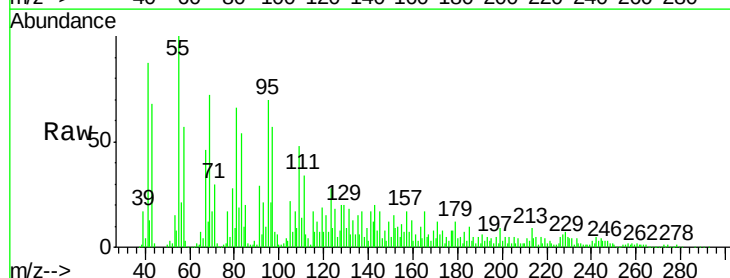
Tgt Ion:178 Resp: 47571

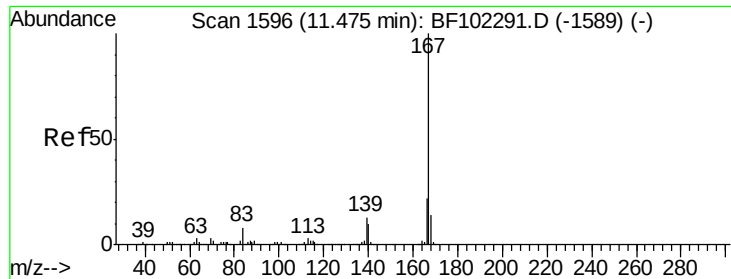
Ion Ratio Lower Upper

178 100

176 33.3 15.4 23.2#

179 143.8 12.6 19.0#





#72

Carbazole

Concen: 13.115 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.00 min

Lab File: BF102533.D

Acq: 28 Jan 2018 1:38

Instrument :

BNA_F

ClientSampleId :

RO200030

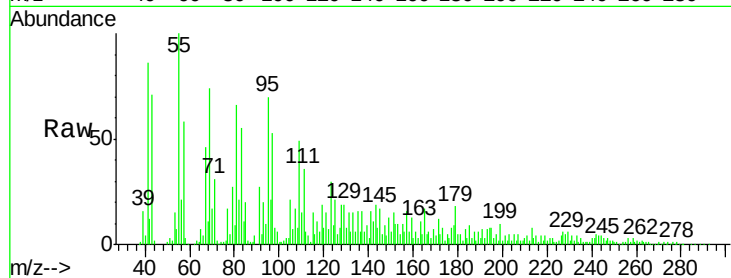
Tgt Ion:167 Resp: 1245

Ion Ratio Lower Upper

167 100

166 84.2 17.6 26.4#

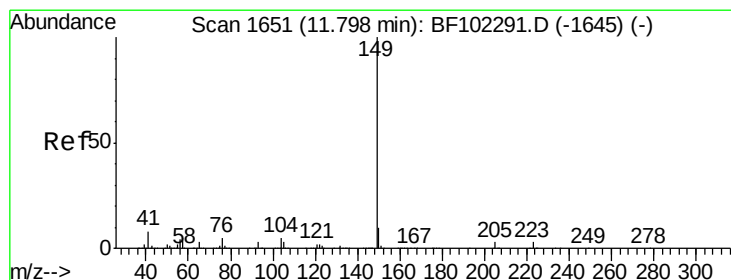
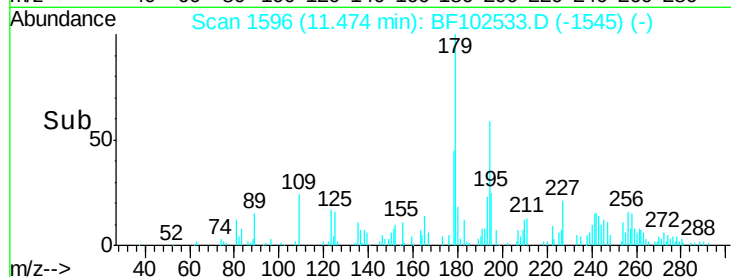
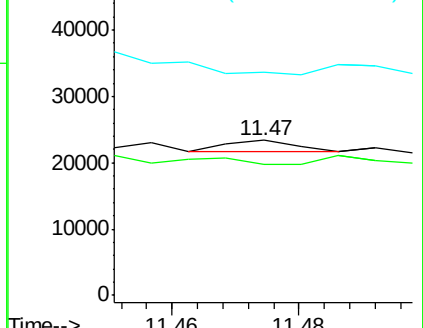
139 144.0 10.9 16.3#



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



#73

Di-n-butylphthalate

Concen: 49.570 ng

RT: 11.79 min Scan# 1650

Delta R.T. -0.01 min

Lab File: BF102533.D

Acq: 28 Jan 2018 1:38

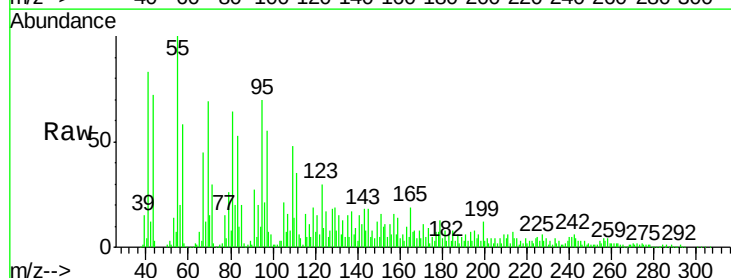
Tgt Ion:149 Resp: 5882

Ion Ratio Lower Upper

149 100

150 45.2 7.8 11.6#

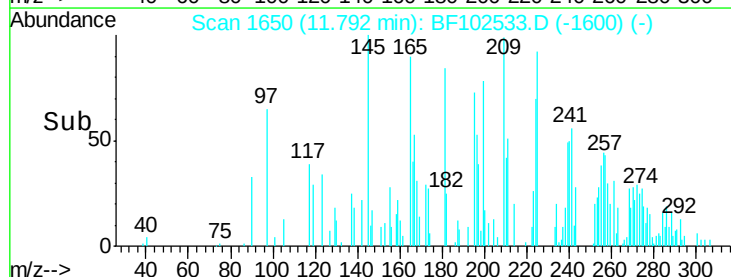
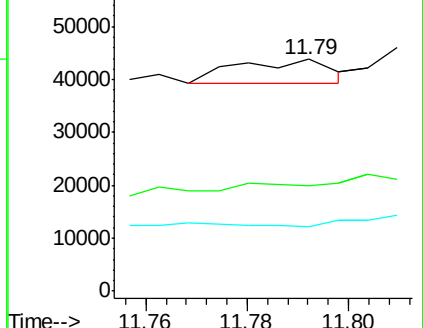
104 27.7 3.8 5.8#

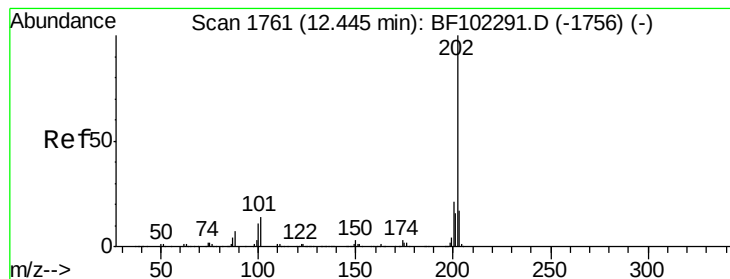


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 51.946 ng

RT: 12.43 min Scan# 1759

Delta R.T. -0.02 min

Lab File: BF102533.D

Acq: 28 Jan 2018 1:38

Instrument :

BNA_F

ClientSampleId :

RO200030

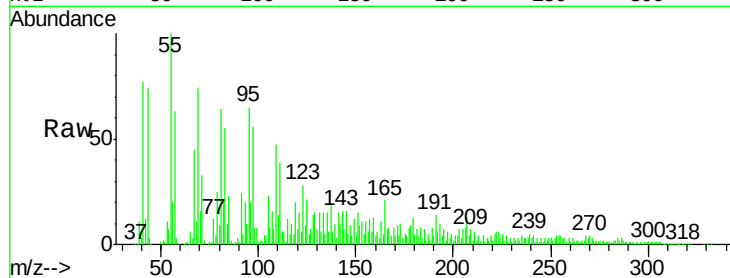
Tgt Ion:202 Resp: 5050

Ion Ratio Lower Upper

202 100

101 41.4 0.0 34.1#

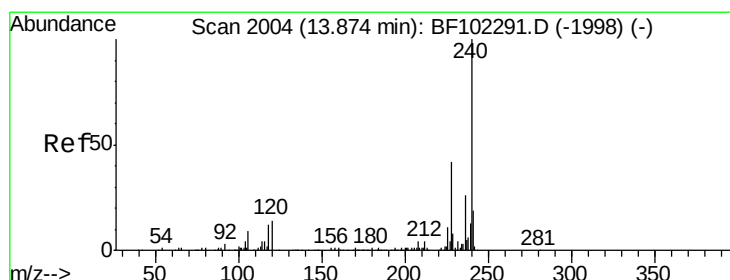
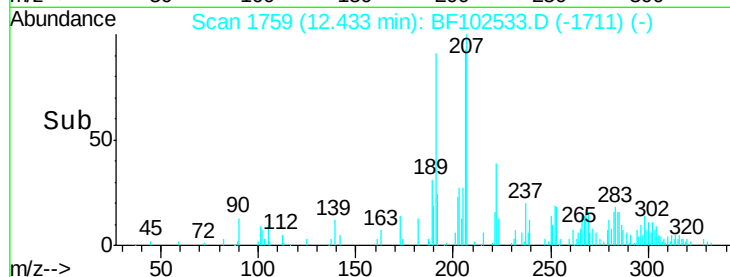
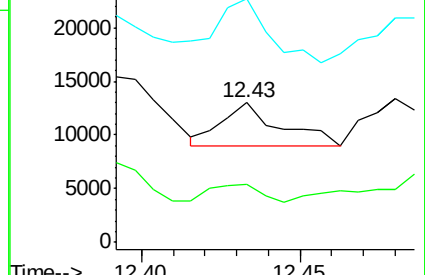
203 174.6 0.0 38.1#



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.90 min Scan# 2009

Delta R.T. 0.02 min

Lab File: BF102533.D

Acq: 28 Jan 2018 1:38

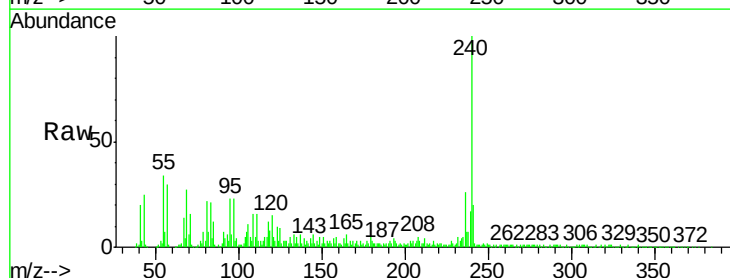
Tgt Ion:240 Resp: 221408

Ion Ratio Lower Upper

240 100

120 15.2 9.5 14.3#

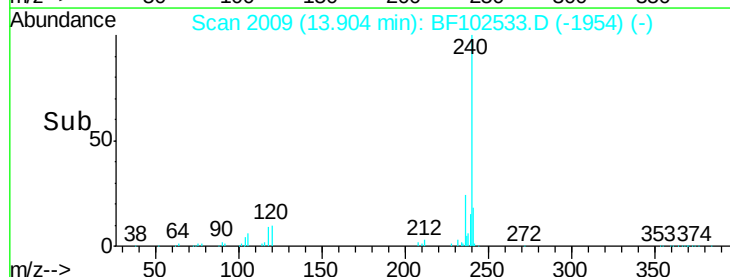
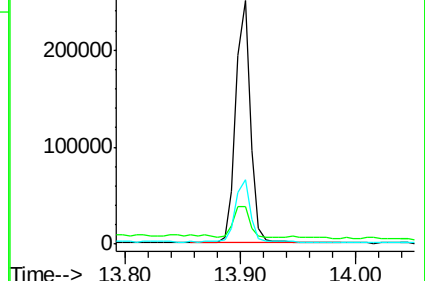
236 26.3 20.7 31.1

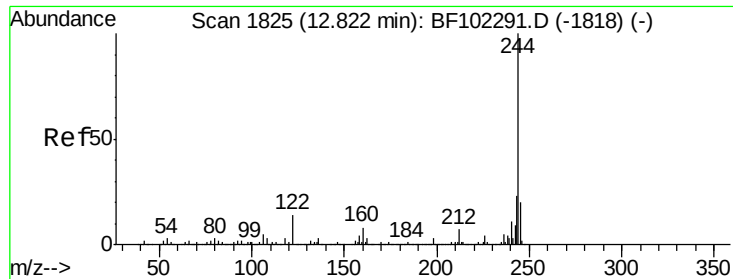


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 30.044 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.08 min

Lab File: BF102533.D

Acq: 28 Jan 2018 1:38

Instrument :

BNA_F

ClientSampleId :

RO200030

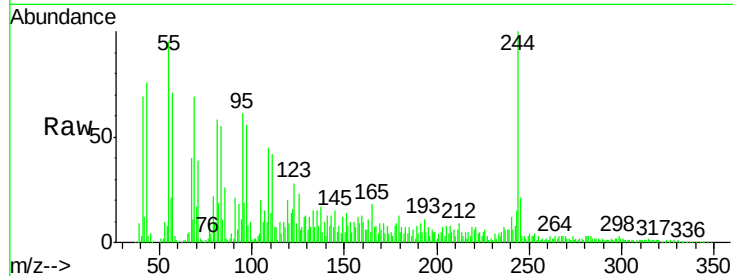
Tgt Ion:244 Resp: 295076

Ion Ratio Lower Upper

244 100

212 8.6 5.4 8.0#

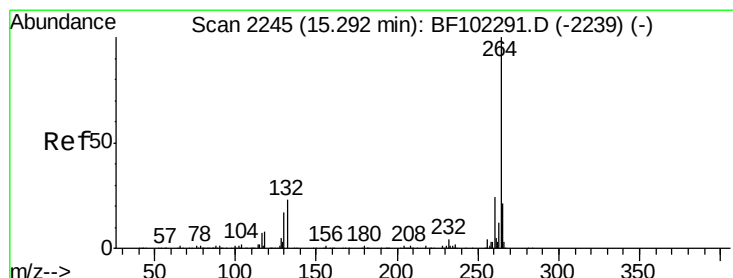
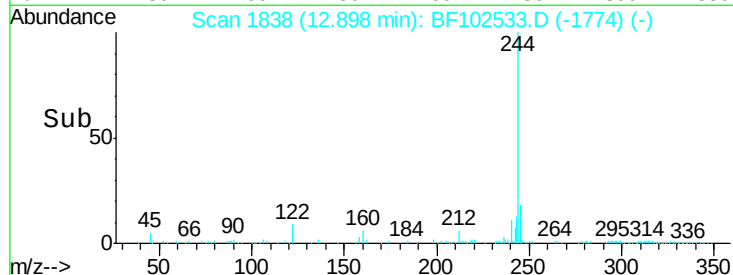
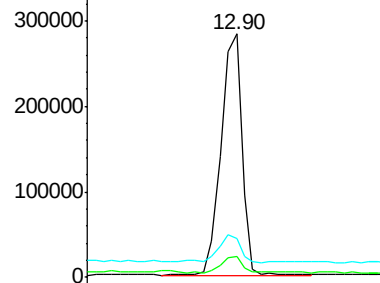
122 16.1 11.0 16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.31 min Scan# 2248

Delta R.T. 0.01 min

Lab File: BF102533.D

Acq: 28 Jan 2018 1:38

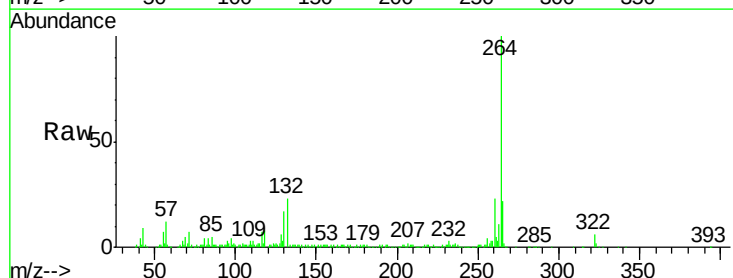
Tgt Ion:264 Resp: 213170

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

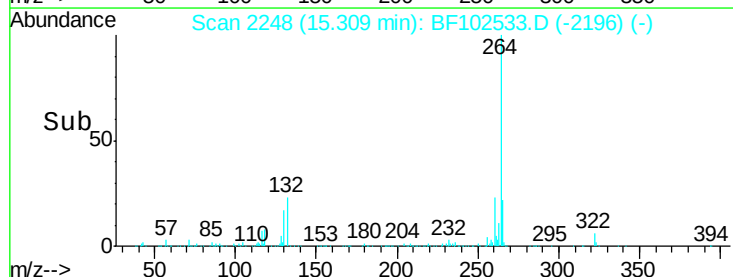
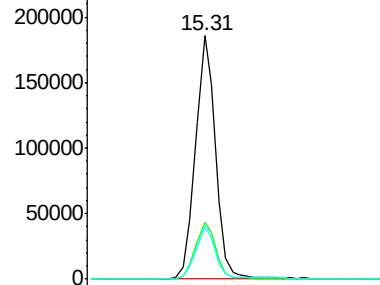
265 21.9 17.5 26.3

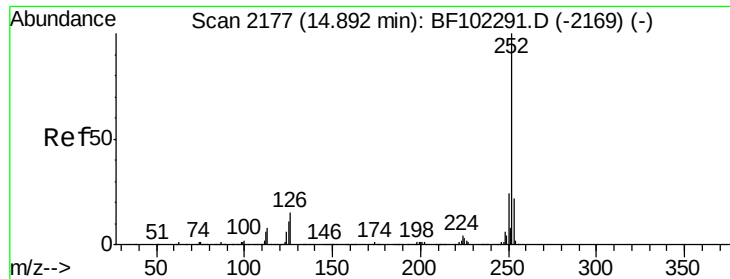


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

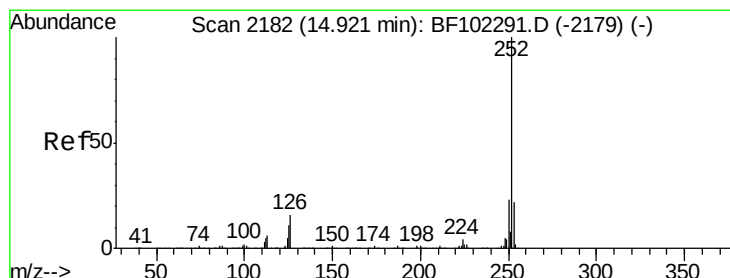
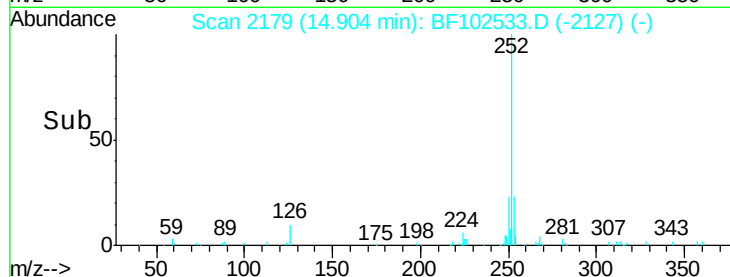
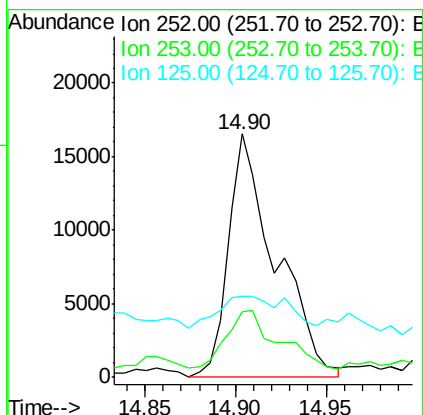
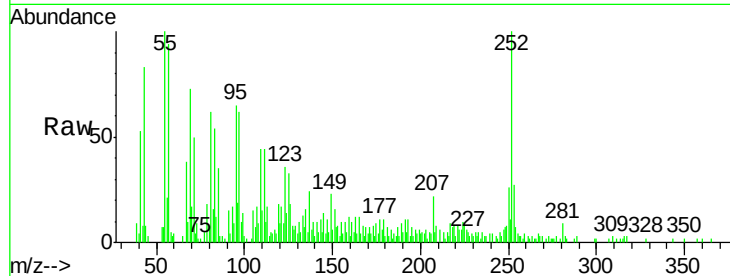




#87
Benzo(b)fluoranthene
Concen: 2.173 ng
RT: 14.90 min Scan# 2179
Delta R.T. 0.01 min
Lab File: BF102533.D
Acq: 28 Jan 2018 1:38

Instrument :
BNA_F
ClientSampleId :
RO200030

Tgt Ion:252 Resp: 30019
Ion Ratio Lower Upper
252 100
253 27.2 17.0 25.6#
125 33.0 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 2.300 ng
RT: 14.90 min Scan# 2179
Delta R.T. -0.02 min
Lab File: BF102533.D
Acq: 28 Jan 2018 1:38

Tgt Ion:252 Resp: 30019
Ion Ratio Lower Upper
252 100
253 27.2 17.9 26.9#
125 33.0 10.2 15.2#

