

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031418\
 Data File : BF103641.D
 Acq On : 14 Mar 2018 15:32
 Operator : SJ/JU
 Sample : J1754-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 14 18:11:10 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 14 18:08:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	118115	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	500814	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	208745	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	297586	20.00	ng	0.00
75) Chrysene-d12	14.06	240	196066	20.00	ng	0.00
86) Perylene-d12	15.57	264	171621	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	491534	62.94	ng	0.00
7) Phenol-d6	6.50	99	712928	74.60	ng	0.00
23) Nitrobenzene-d5	7.43	82	438863	50.04	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	83964	47.52	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	683171	51.03	ng	0.00
78) Terphenyl-d14	12.98	244	418723	51.34	ng	0.00

Target Compounds

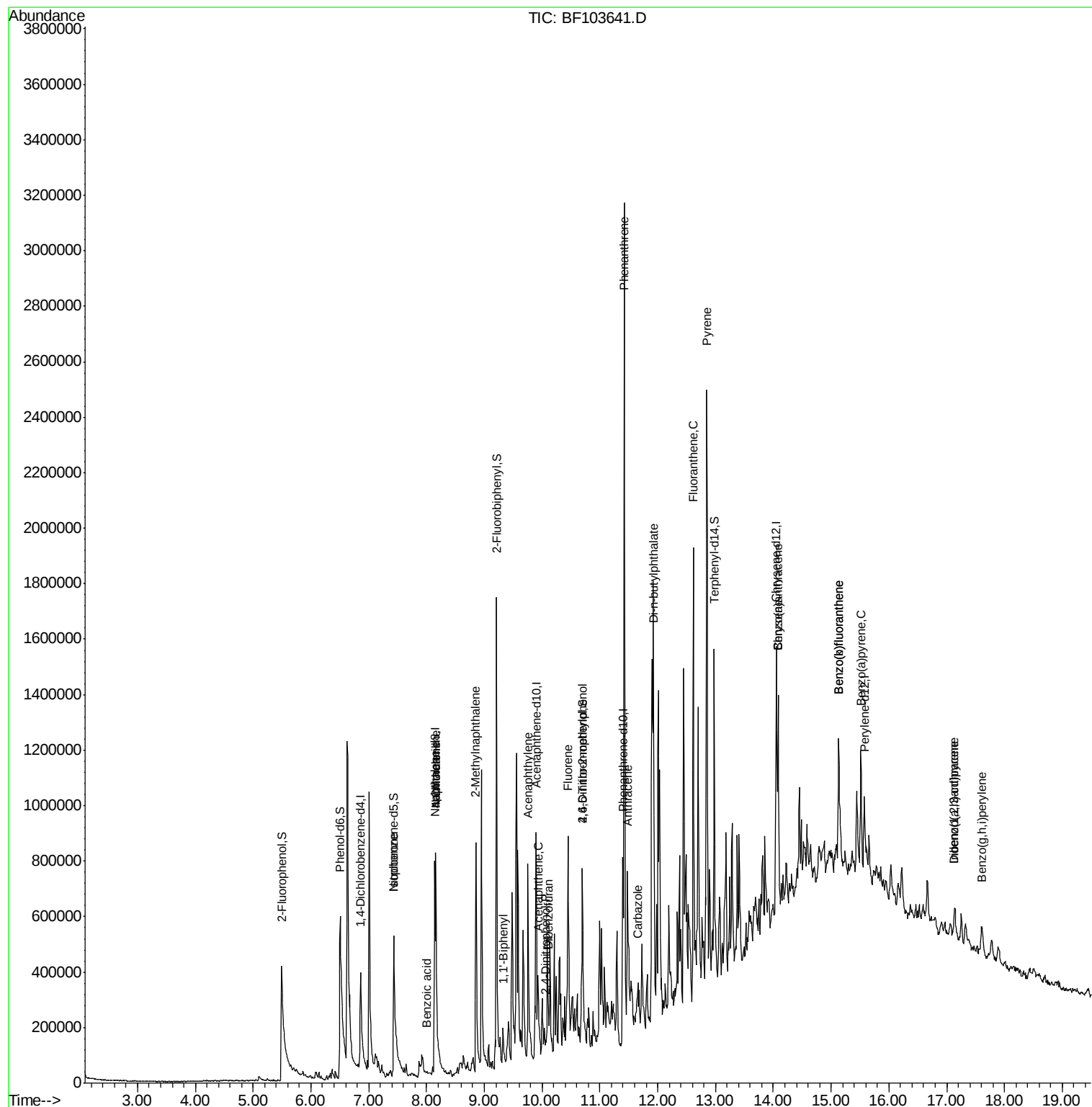
						Qvalue
9) Benzaldehyde	6.45	77	679	Below Cal	#	1
25) Isophorone	7.43	82	438863	25.409 ng	#	64
31) Naphthalene	8.16	128	573023	23.371 ng		99
32) Benzoic acid	8.02	122	1876	7.225 ng	#	54
33) 4-Chloroaniline	8.16	127	72629	6.864 ng	#	34
37) 2-Methylnaphthalene	8.85	142	350031	22.089 ng		98
45) 1,1'-Biphenyl	9.32	154	69601	3.979 ng		97
48) Acenaphthylene	9.76	152	253361	11.899 ng		97
51) Acenaphthene	9.93	154	63761	5.136 ng		94
53) 2,4-Dinitrophenol	10.07	184	132	9.713 ng	#	1
54) Dibenzofuran	10.11	168	72594	4.259 ng	#	90
57) Fluorene	10.45	166	312826	21.547 ng		99
64) 4,6-Dinitro-2-methylphenol	10.70	198	692	5.288 ng	#	1
70) Phenanthrene	11.42	178	1332106	81.340 ng		99
71) Anthracene	11.47	178	342523	20.396 ng		98
72) Carbazole	11.65	167	43809	2.620 ng	#	84
73) Di-n-butylphthalate	11.94	149	131009	6.260 ng		97
74) Fluoranthene	12.62	202	760014	46.181 ng		99
77) Pyrene	12.85	202	987248	64.583 ng		99
80) Benzo(a)anthracene	14.09	228	364766	28.673 ng		92
82) Chrysene	14.09	228	364766	29.530 ng		96
85) Indeno(1,2,3-cd)pyrene	17.14	276	106151	10.855 ng		93
87) Benzo(b)fluoranthene	15.13	252	362881	32.159 ng	#	93
88) Benzo(k)fluoranthene	15.13	252	362881	34.151 ng	#	96
89) Benzo(a)pyrene	15.52	252	253845	25.192 ng	#	92
90) Dibenzo(a,h)anthracene	17.13	278	23363	3.001 ng	#	50
91) Benzo(g,h,i)perylene	17.61	276	115580	15.188 ng		92

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

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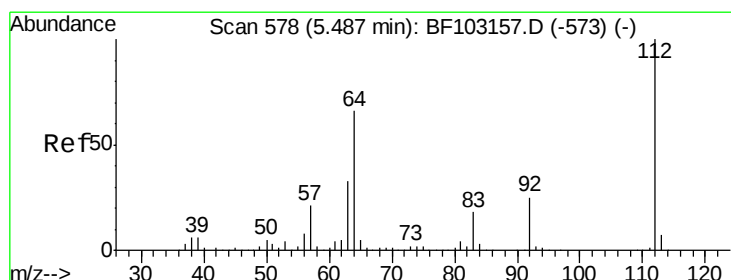
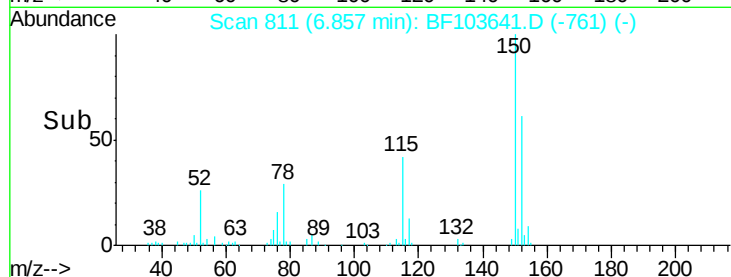
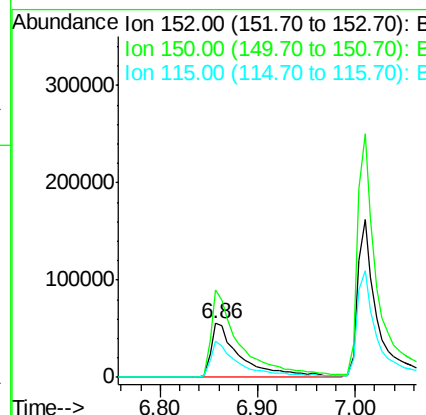
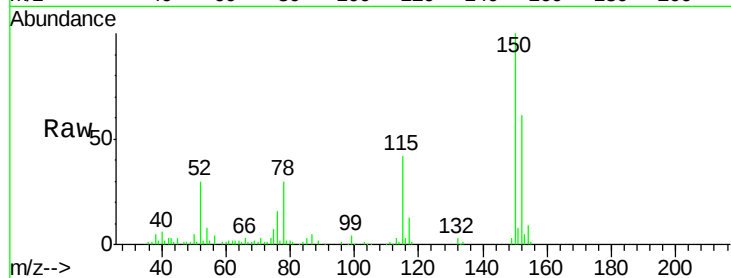


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF103641.D
Acq: 14 Mar 2018 15:32

Instrument :
BNA_F
ClientSampleId :

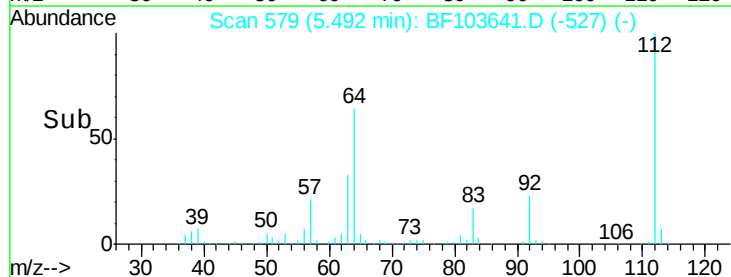
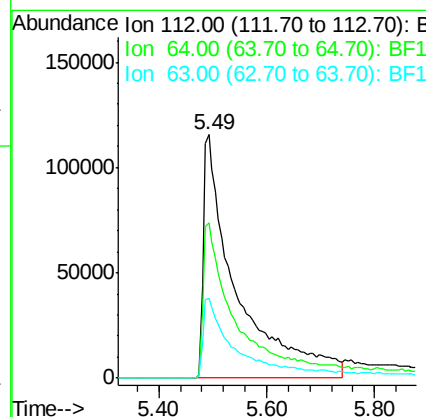
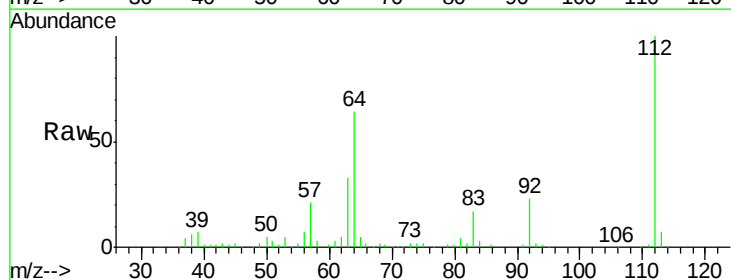
Tot Ion	Ratio	Lower	Upper
152	100		
150	164.0	124.6	186.8
115	68.4	50.1	75.1

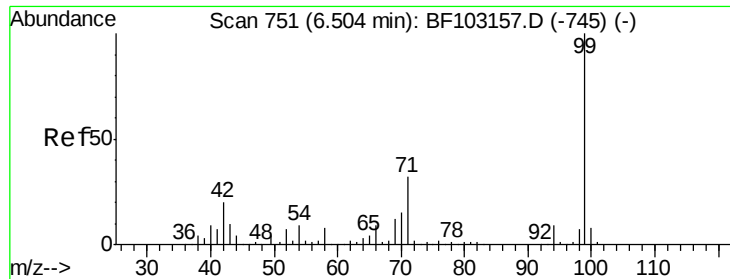


#5

2-Fluorophenol
Concen: 62.940 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF103641.D
Acq: 14 Mar 2018 15:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.0	47.9	71.9
63	32.9	23.7	35.5





#7

Phenol-d6

Concen: 74.603 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF103641.D

Acq: 14 Mar 2018 15:32

Instrument :

BNA_F

ClientSampled :

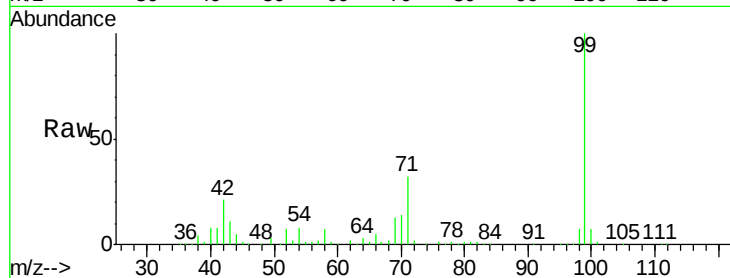
Tot Ion: 99 Resp: 712928

Ion Ratio Lower Upper

99 100

42 20.9 14.5 21.7

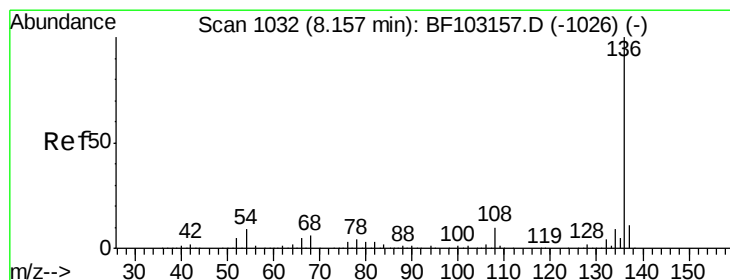
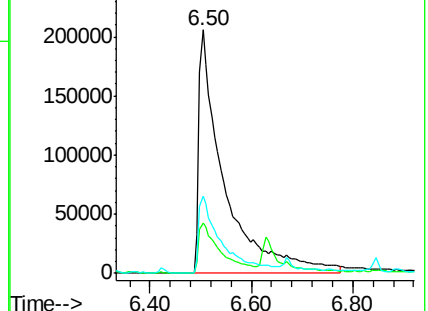
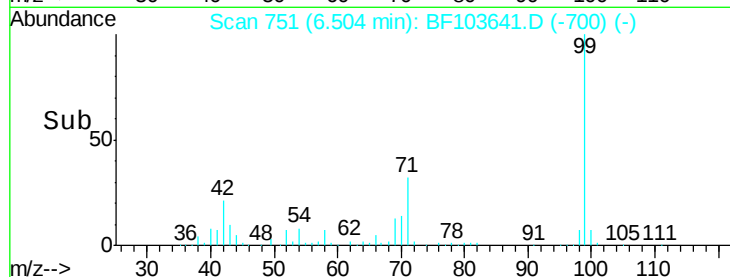
71 31.9 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BF103641.D

Acq: 14 Mar 2018 15:32

Tgt Ion: 136 Resp: 500814

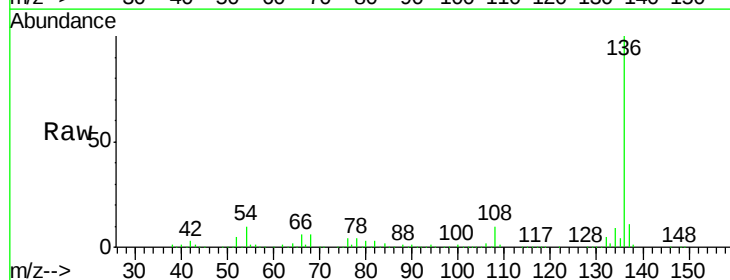
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 9.5 6.6 9.8

68 6.4 5.0 7.4

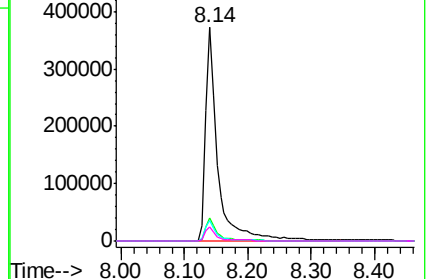
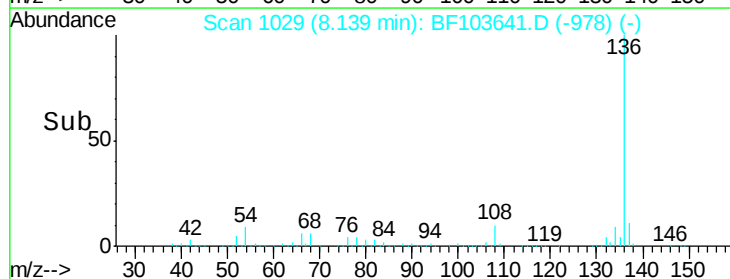


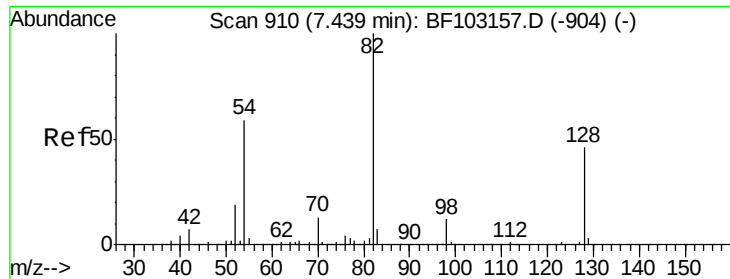
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

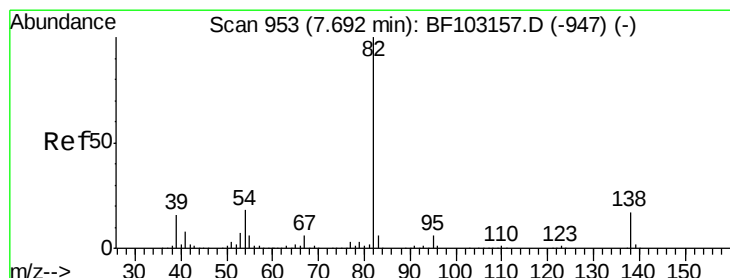
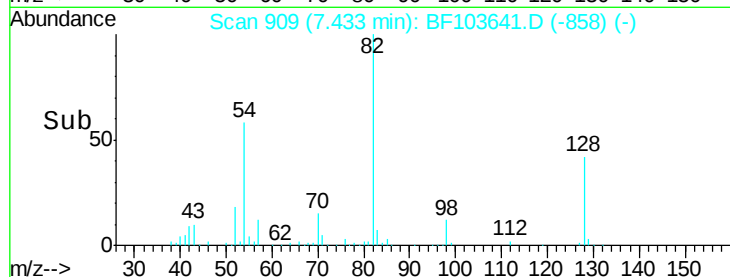
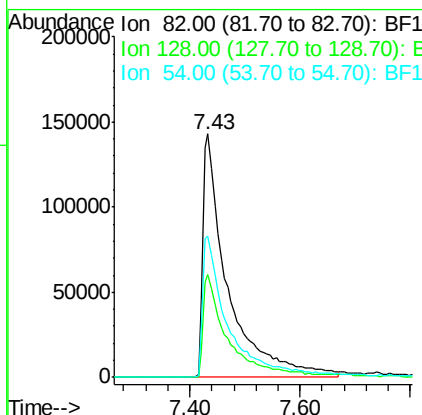
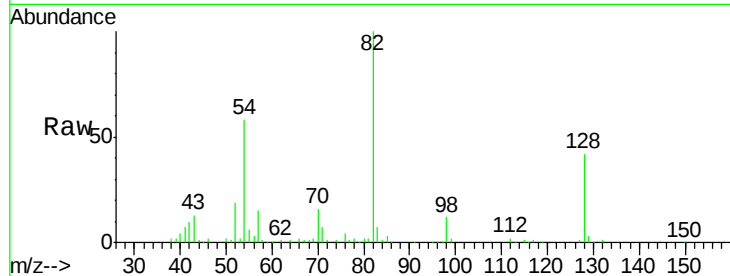




#23
Nitrobenzene-d5
Concen: 50.044 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.00 min
Lab File: BF103641.D
Acq: 14 Mar 2018 15:32

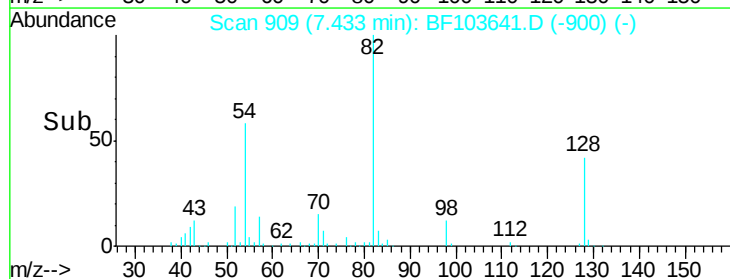
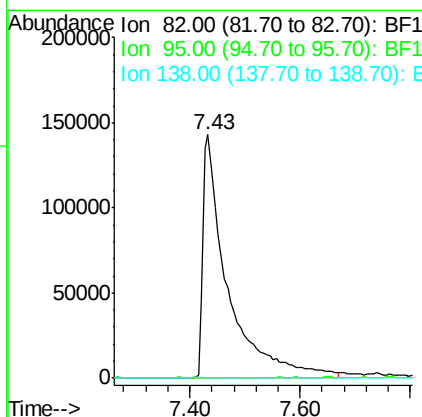
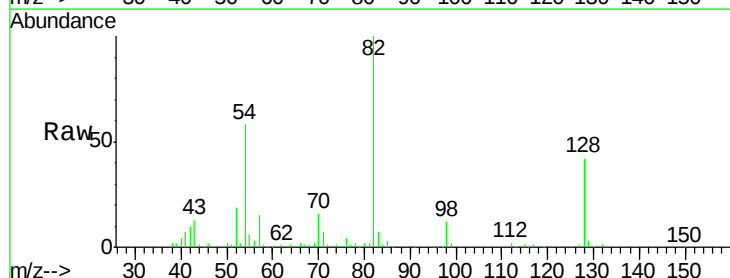
Instrument :
BNA_F
ClientSampled :

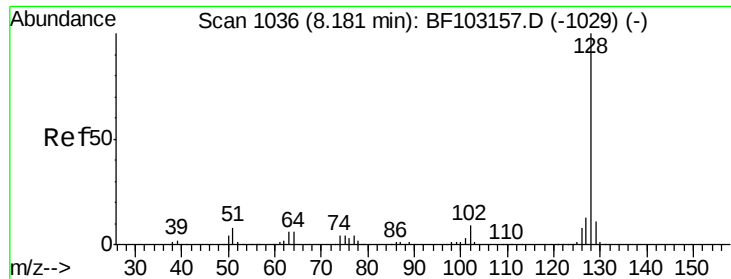
Tot Ion	82	Resp	438863
Ion Ratio	Lower	Upper	
82	100		
128	42.1	36.1	54.1
54	58.1	41.4	62.2



#25
Isophorone
Concen: 25.409 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.25 min
Lab File: BF103641.D
Acq: 14 Mar 2018 15:32

Tgt Ion	82	Resp	438863
Ion Ratio	Lower	Upper	
82	100		
95	0.3	5.2	7.8#
138	0.0	14.9	22.3#

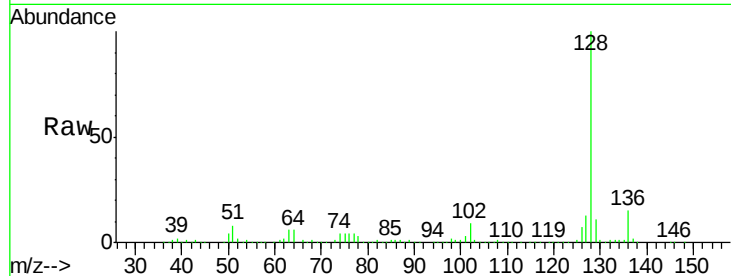




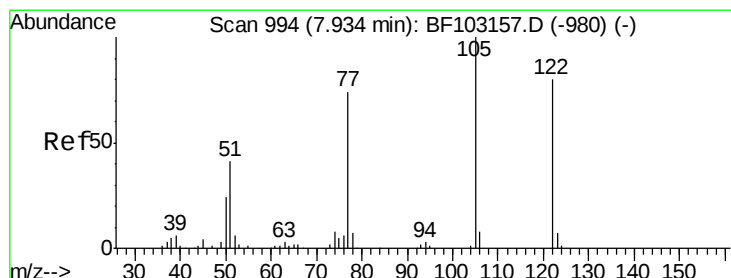
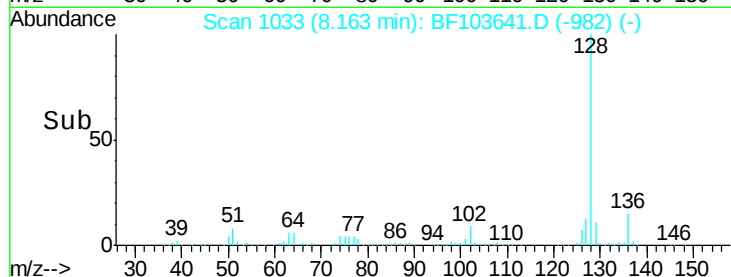
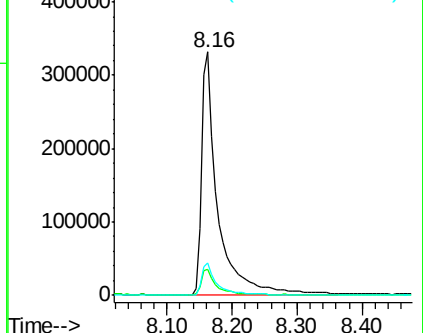
#31
Naphthalene
Concen: 23.371 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF103641.D
Acq: 14 Mar 2018 15:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 573023
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.1 10.9 16.3

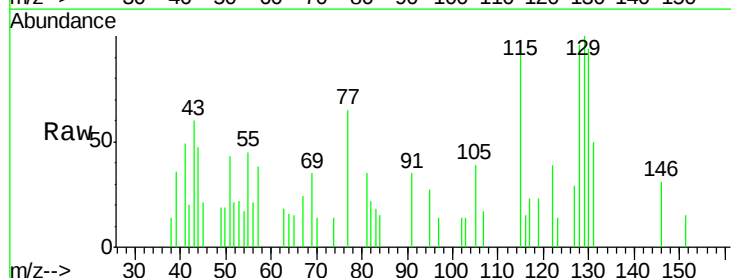


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

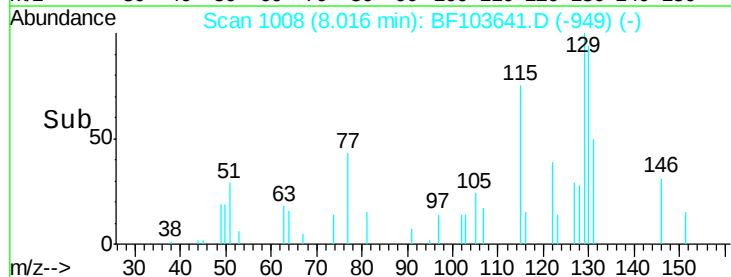
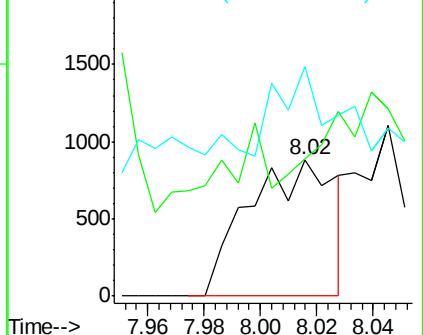


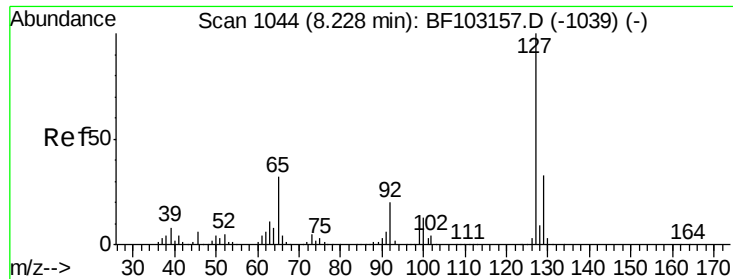
#32
Benzoic acid
Concen: 7.225 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.05 min
Lab File: BF103641.D
Acq: 14 Mar 2018 15:32

Tgt Ion:122 Resp: 1876
Ion Ratio Lower Upper
122 100
105 101.0 101.1 141.1#
77 169.0 70.7 110.7#



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

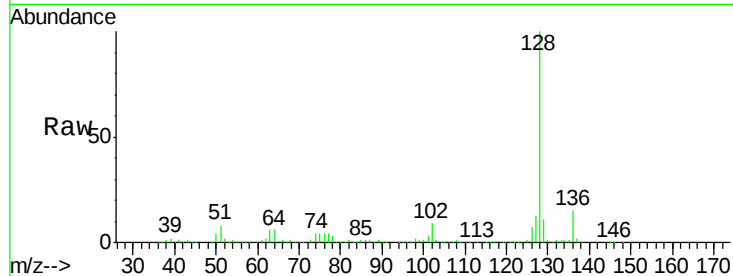




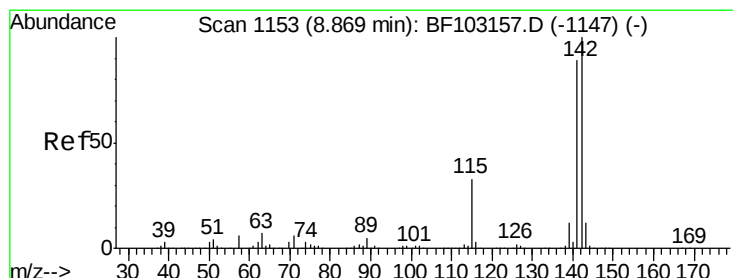
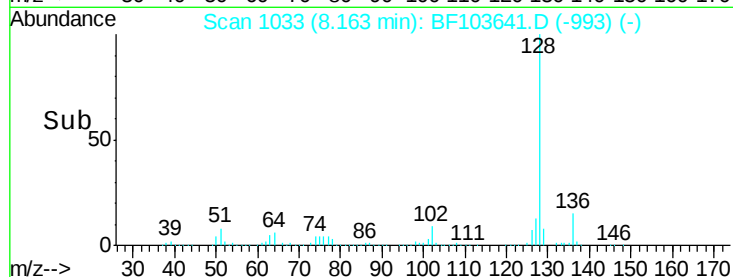
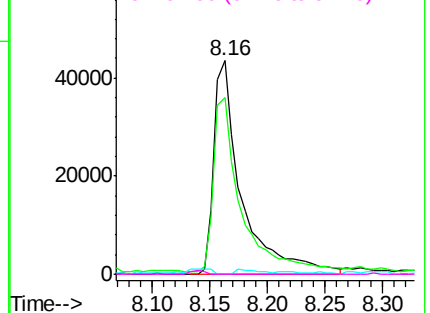
#33
4-Chloroaniline
Concen: 6.864 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.06 min
Lab File: BF103641.D
Acq: 14 Mar 2018 15:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 72629
Ion Ratio Lower Upper
127 100
129 82.7 25.9 38.9#
65 0.0 25.0 37.4#
92 0.0 15.2 22.8#

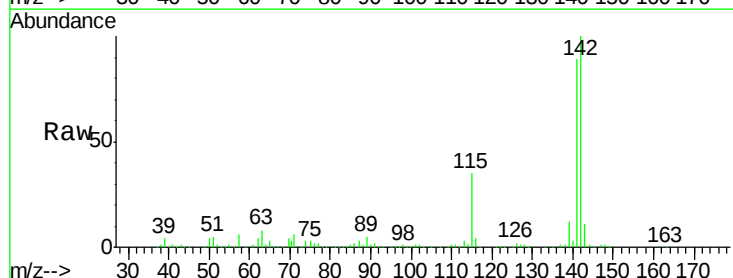


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

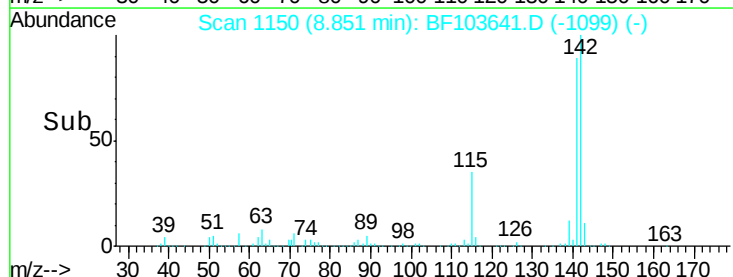
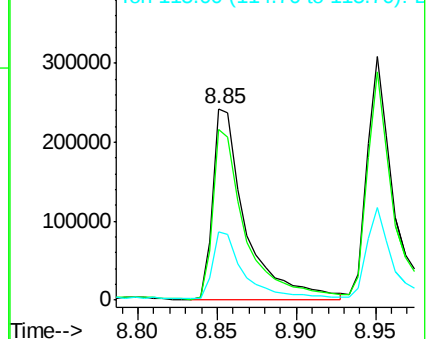


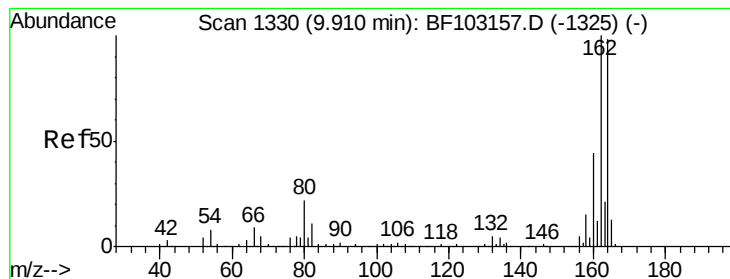
#37
2-Methylnaphthalene
Concen: 22.089 ng
RT: 8.85 min Scan# 1150
Delta R.T. -0.00 min
Lab File: BF103641.D
Acq: 14 Mar 2018 15:32

Tgt Ion:142 Resp: 350031
Ion Ratio Lower Upper
142 100
141 89.0 70.8 106.2
115 35.4 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: 9.90 min Scan# 1328

Delta R.T. -0.00 min

Lab File: BF103641.D

Acq: 14 Mar 2018 15:32

Instrument :

BNA_F

ClientSampled :

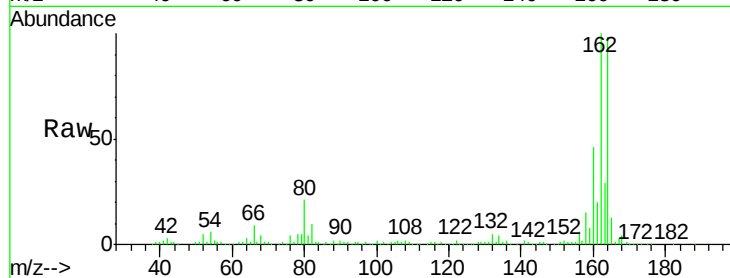
Tot Ion:164 Resp: 208745

Ion Ratio Lower Upper

164 100

162 101.8 86.1 129.1

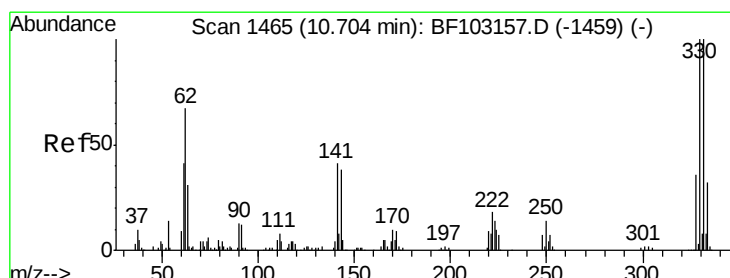
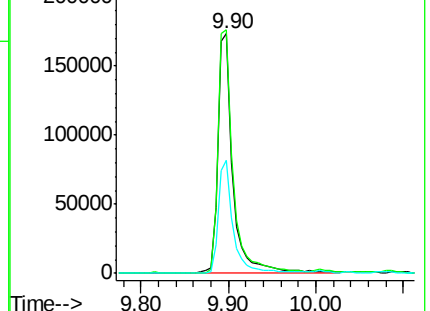
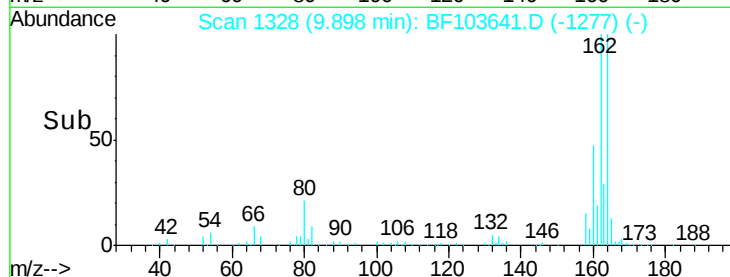
160 47.2 38.3 57.5



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: 47.520 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.00 min

Lab File: BF103641.D

Acq: 14 Mar 2018 15:32

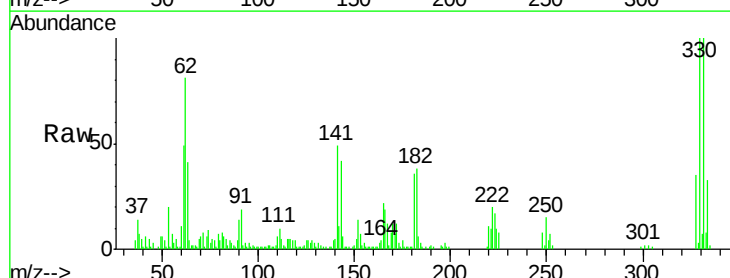
Tgt Ion:330 Resp: 83964

Ion Ratio Lower Upper

330 100

332 101.1 77.0 115.6

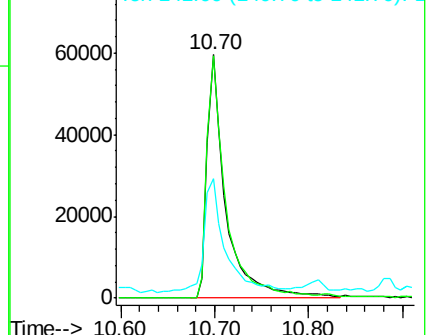
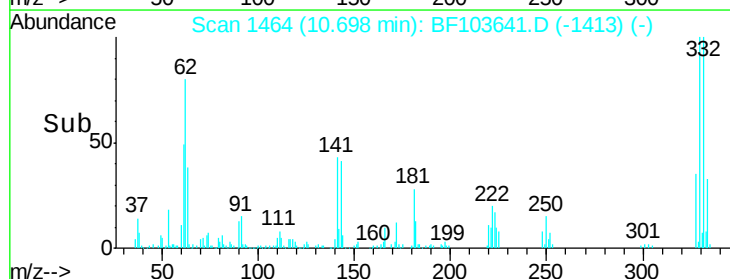
141 50.8 29.9 44.9#

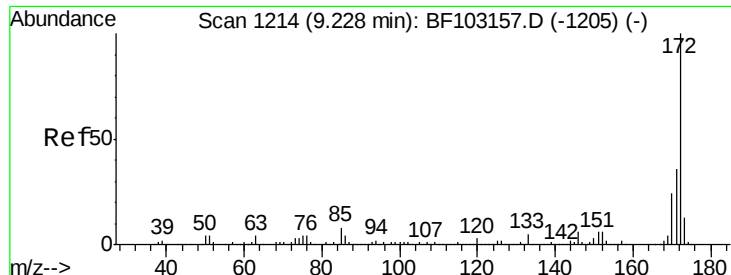


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

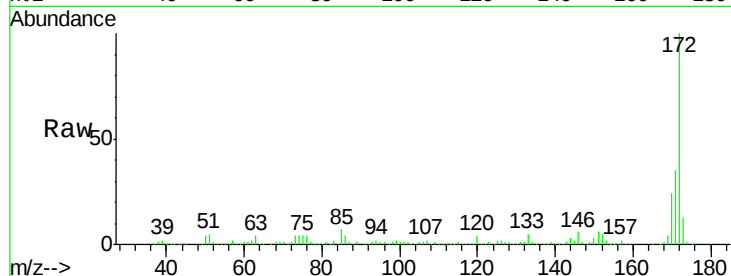




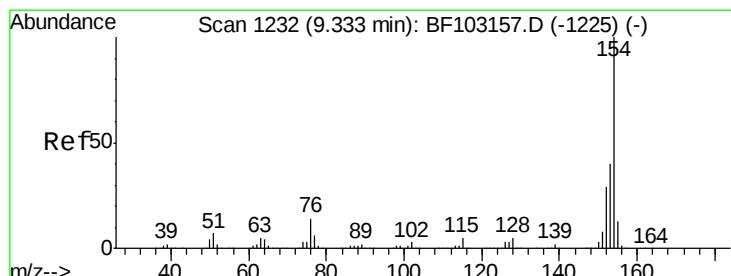
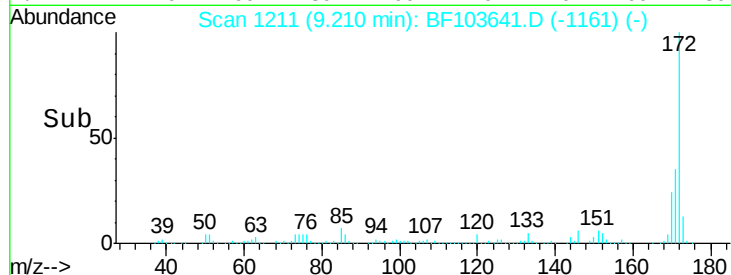
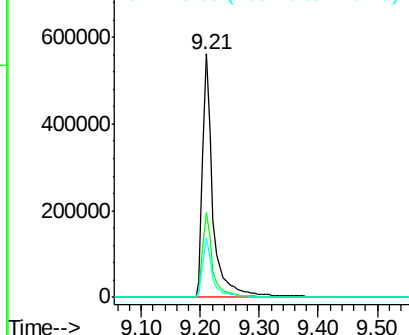
#44
2-Fluorobiphenyl
Concen: 51.026 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF103641.D
Acq: 14 Mar 2018 15:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 683171
Ion Ratio Lower Upper
172 100
171 35.1 29.7 44.5
170 24.3 19.6 29.4

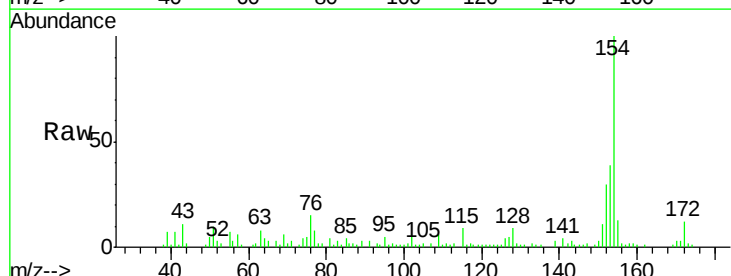


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

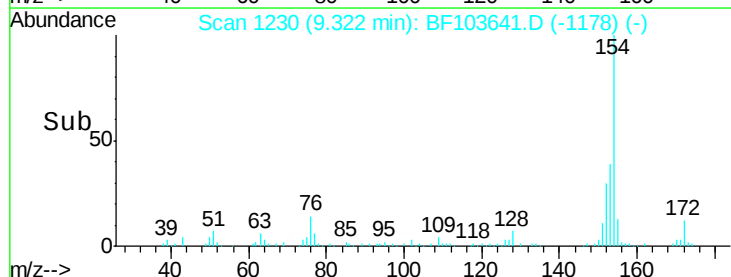
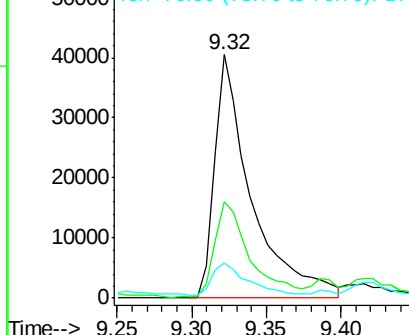


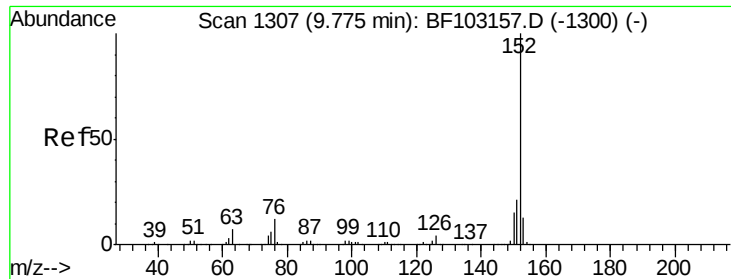
#45
1,1'-Biphenyl
Concen: 3.979 ng
RT: 9.32 min Scan# 1230
Delta R.T. 0.01 min
Lab File: BF103641.D
Acq: 14 Mar 2018 15:32

Tgt Ion:154 Resp: 69601
Ion Ratio Lower Upper
154 100
153 39.4 21.3 61.3
76 14.5 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





#48

Acenaphthylene

Concen: 11.899 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BF103641.D

Acq: 14 Mar 2018 15:32

Instrument :

BNA_F

ClientSampled :

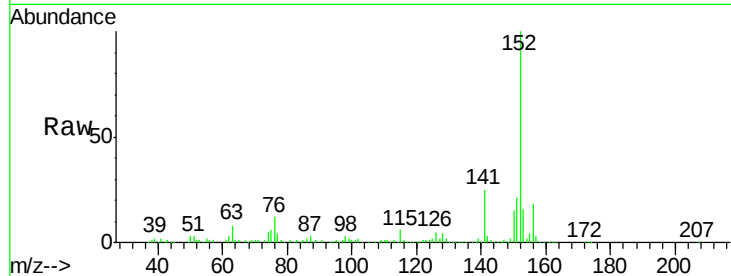
Tot Ion:152 Resp: 253361

Ion Ratio Lower Upper

152 100

151 21.2 16.3 24.5

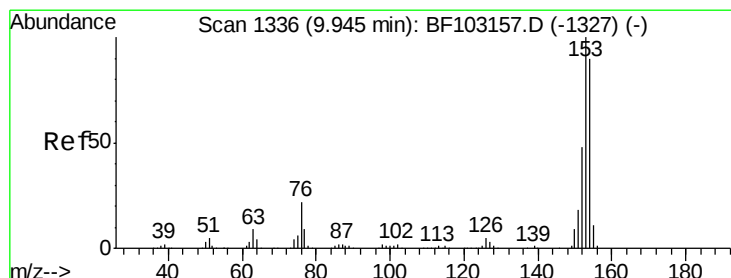
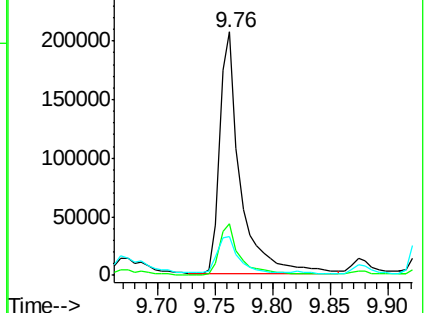
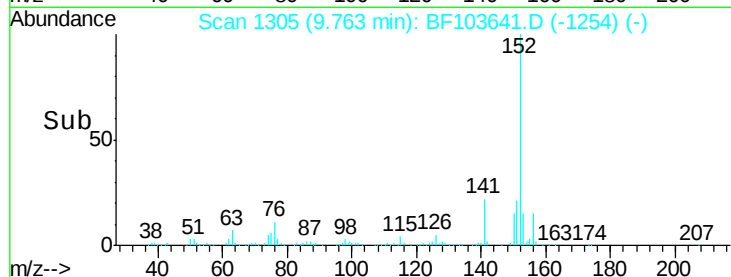
153 15.8 10.7 16.1



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



#51

Acenaphthene

Concen: 5.136 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF103641.D

Acq: 14 Mar 2018 15:32

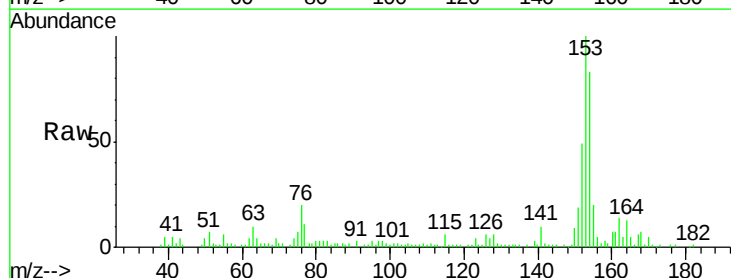
Tgt Ion:154 Resp: 63761

Ion Ratio Lower Upper

154 100

153 120.3 91.2 136.8

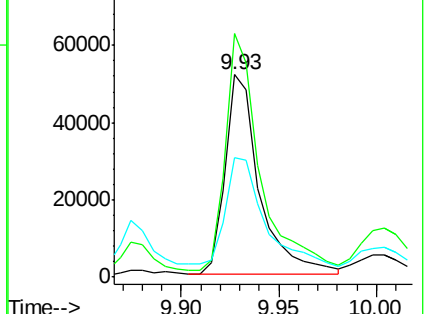
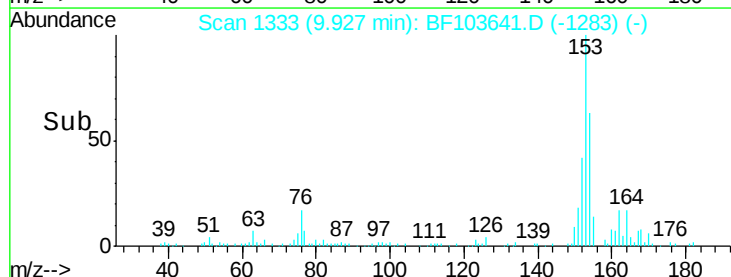
152 59.0 43.8 65.8

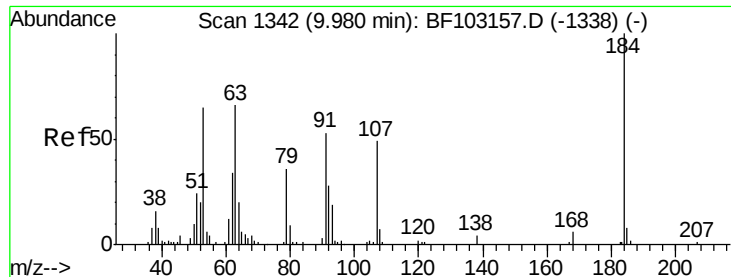


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

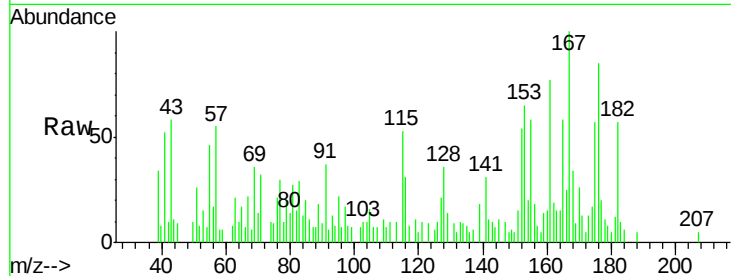




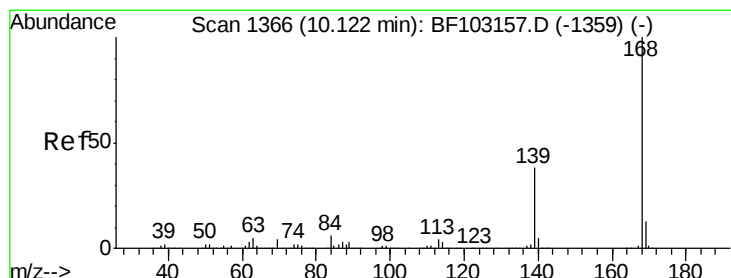
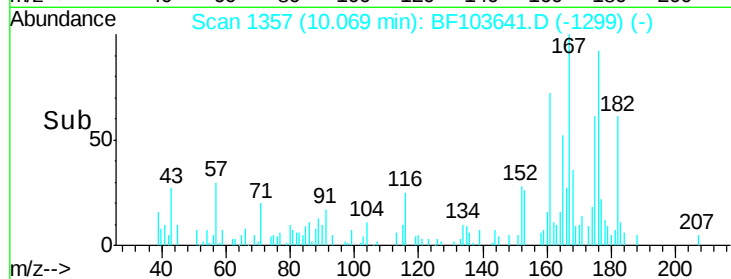
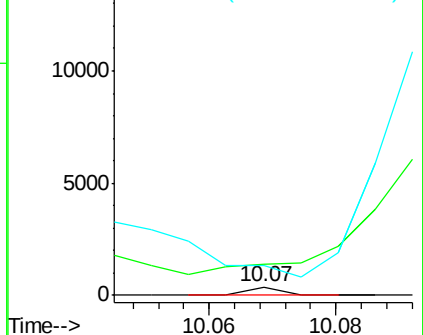
#53
2,4-Dinitrophenol
Concen: 9.713 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.04 min
Lab File: BF103641.D
Acq: 14 Mar 2018 15:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 132
Ion Ratio Lower Upper
184 100
63 364.9 54.2 81.2#
154 350.4 184.0 276.0#

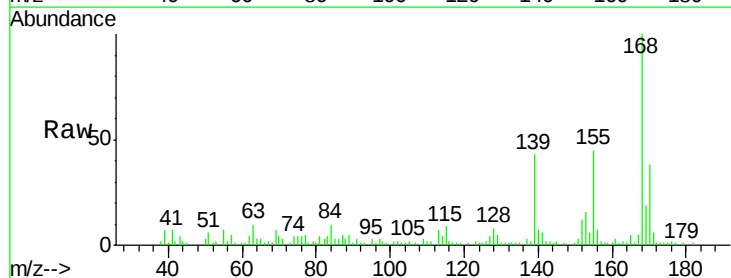


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

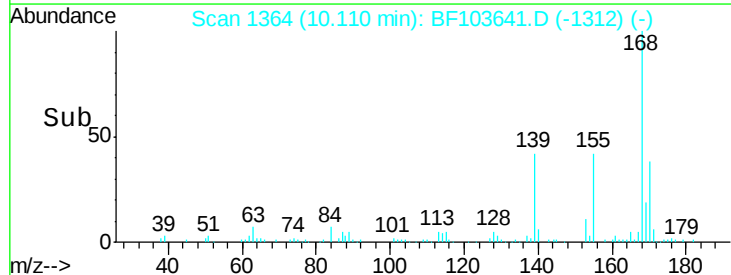
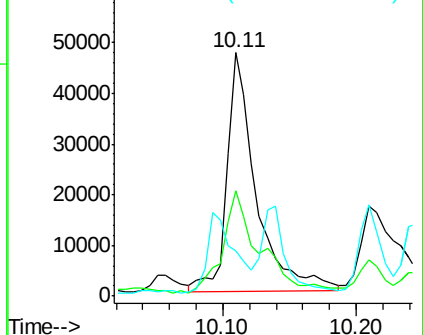


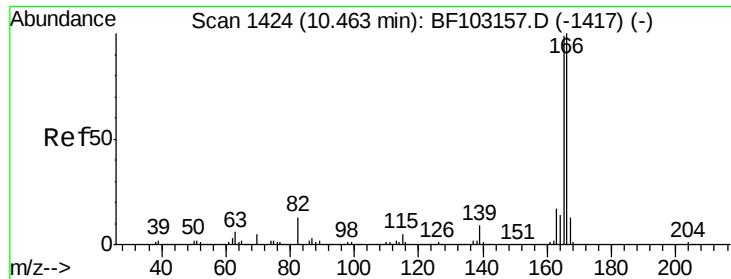
#54
Dibenzofuran
Concen: 4.259 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BF103641.D
Acq: 14 Mar 2018 15:32

Tgt Ion:168 Resp: 72594
Ion Ratio Lower Upper
168 100
139 43.4 30.1 45.1
169 18.6 10.9 16.3#



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

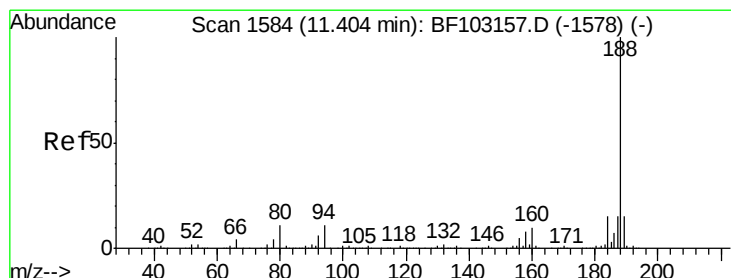
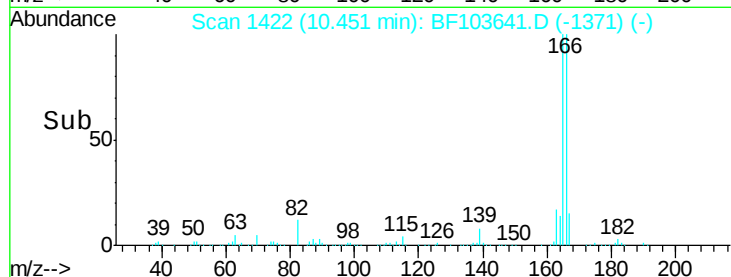
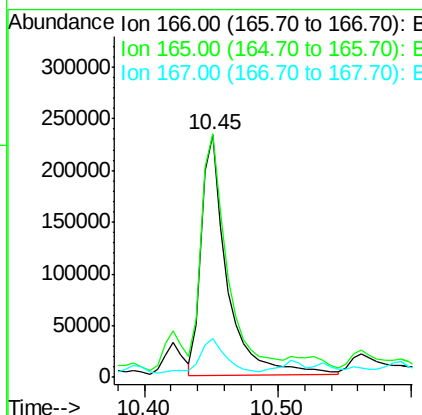
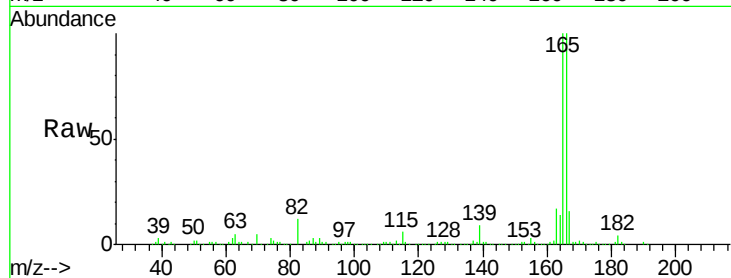




#57
 Fluorene
 Concen: 21.547 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.00 min
 Lab File: BF103641.D
 Acq: 14 Mar 2018 15:32

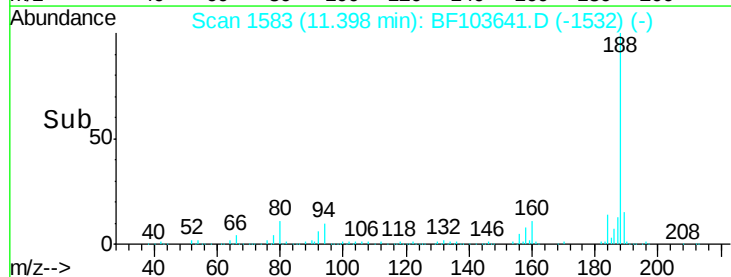
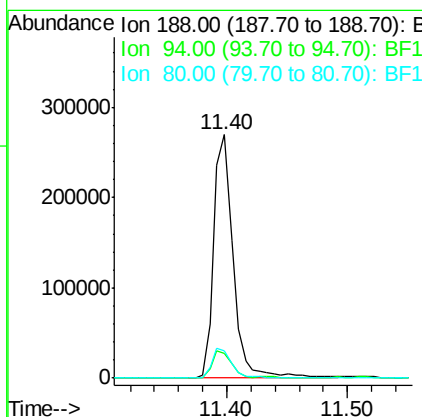
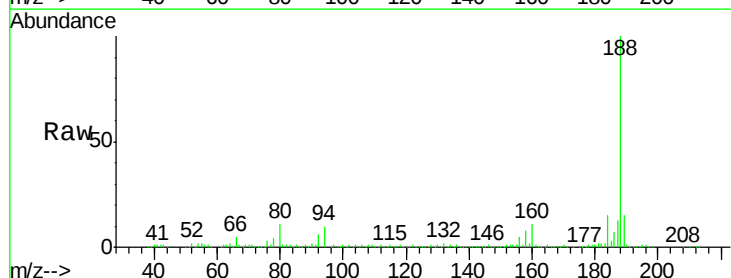
Instrument :
 BNA_F
 ClientSampleId :

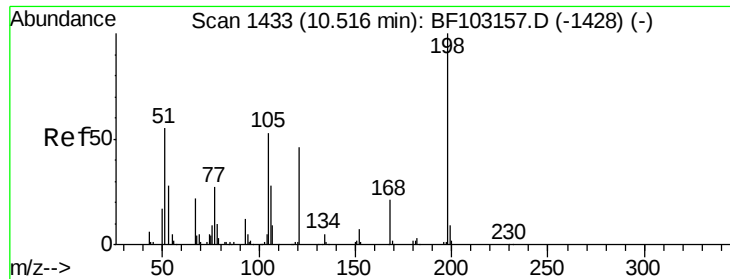
Tot Ion:166 Resp: 312826
 Ion Ratio Lower Upper
 166 100
 165 100.4 79.8 119.8
 167 15.8 10.6 16.0



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: BF103641.D
 Acq: 14 Mar 2018 15:32

Tgt Ion:188 Resp: 297586
 Ion Ratio Lower Upper
 188 100
 94 10.4 8.5 12.7
 80 11.4 9.2 13.8





#64

4,6-Dinitro-2-methylphenol

Concen: 5.288 ng

RT: 10.70 min Scan# 1465

Delta R.T. 0.17 min

Lab File: BF103641.D

Acq: 14 Mar 2018 15:32

Instrument :

BNA_F

ClientSampleId :

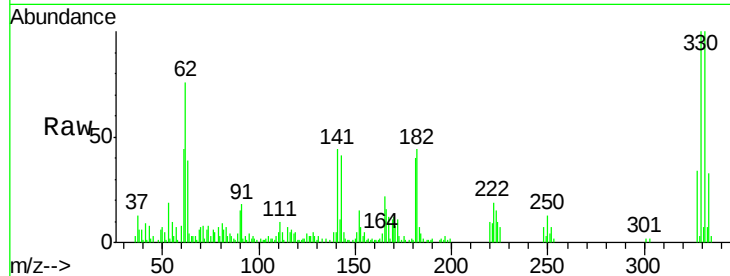
Tot Ion:198 Resp: 692

Ion Ratio Lower Upper

198 100

51 425.4 37.7 77.7#

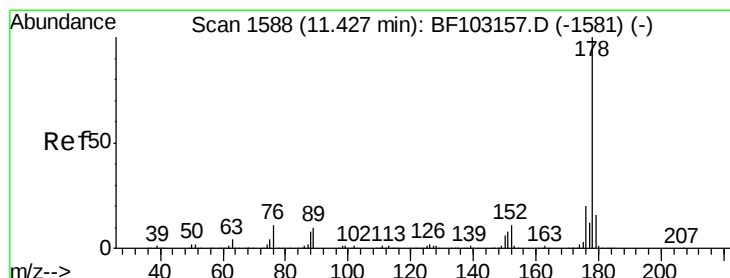
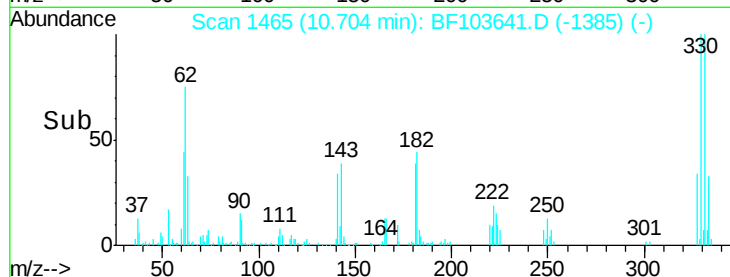
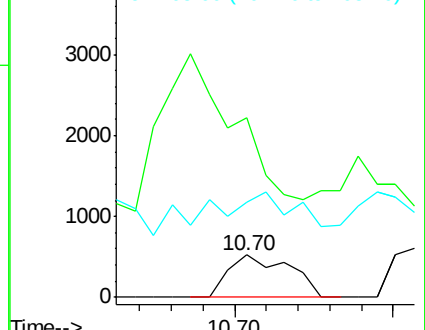
105 226.2 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#70

Phenanthrene

Concen: 81.340 ng

RT: 11.42 min Scan# 1587

Delta R.T. -0.00 min

Lab File: BF103641.D

Acq: 14 Mar 2018 15:32

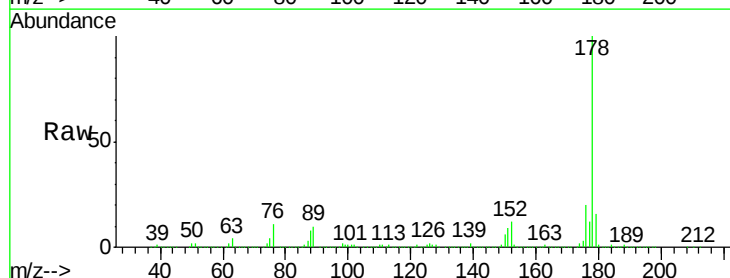
Tgt Ion:178 Resp: 1332106

Ion Ratio Lower Upper

178 100

176 20.3 15.8 23.8

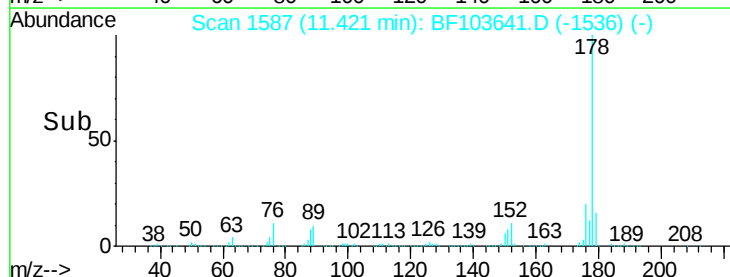
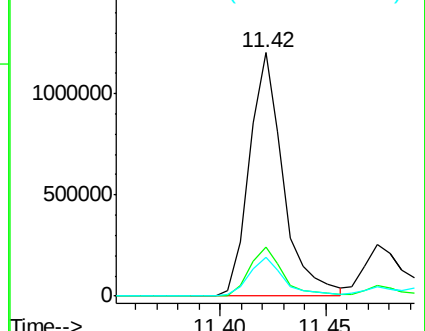
179 16.0 13.0 19.6

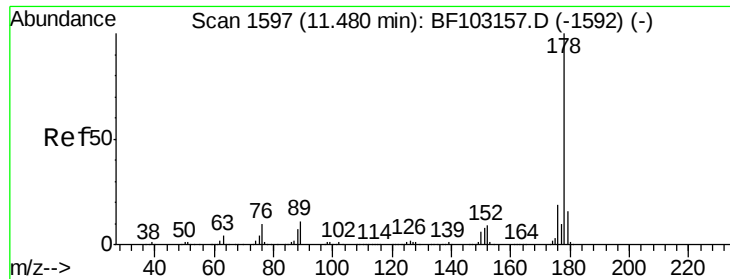


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

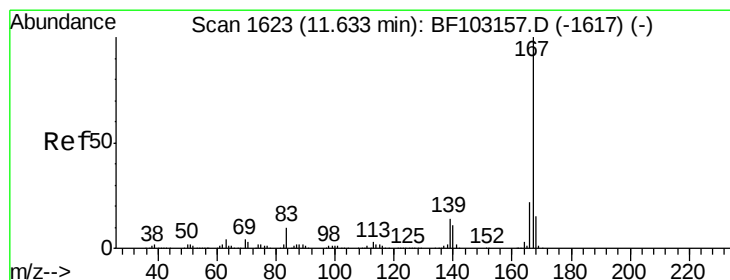
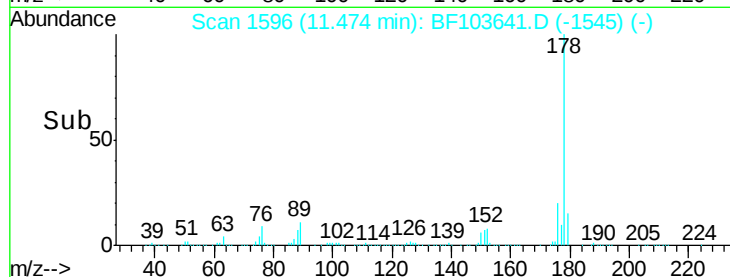
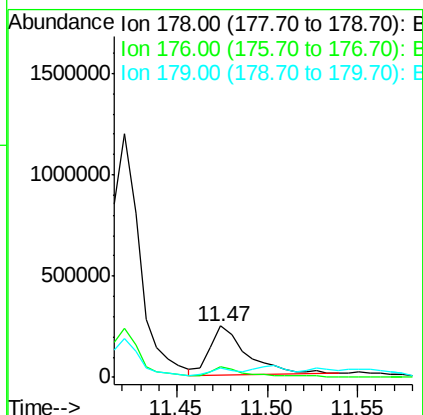
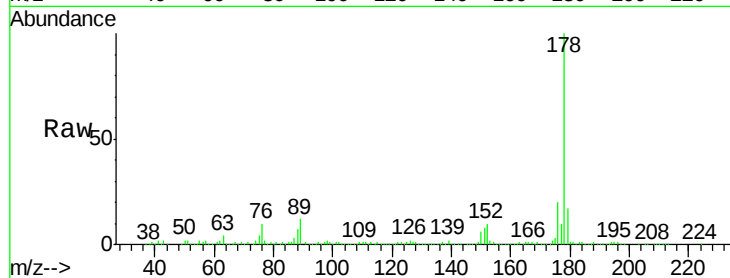




#71
 Anthracene
 Concen: 20.396 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.00 min
 Lab File: BF103641.D
 Acq: 14 Mar 2018 15:32

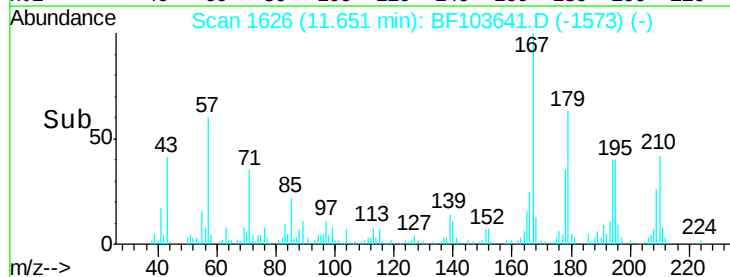
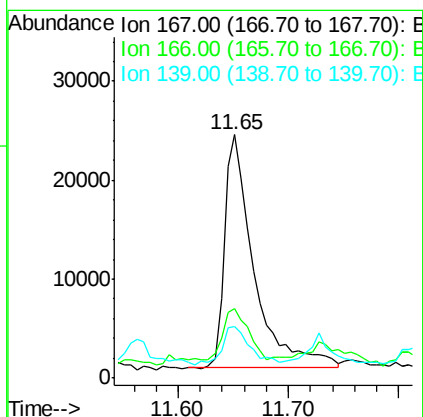
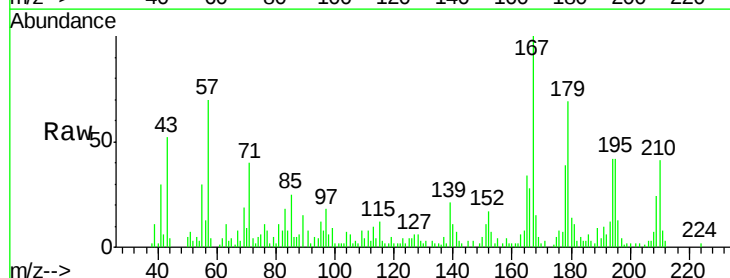
Instrument :
 BNA_F
 ClientSampleId :

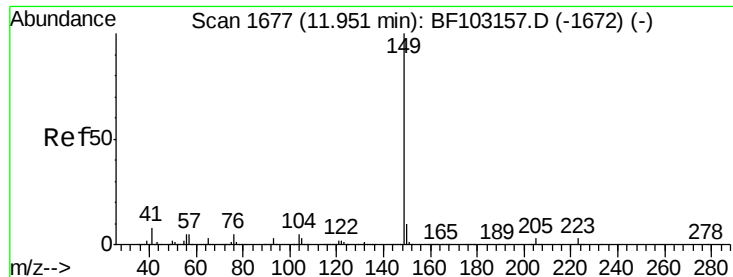
Tot Ion:178 Resp: 342523
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.4 23.2
 179 17.0 12.6 19.0



#72
 Carbazole
 Concen: 2.620 ng
 RT: 11.65 min Scan# 1626
 Delta R.T. 0.01 min
 Lab File: BF103641.D
 Acq: 14 Mar 2018 15:32

Tgt Ion:167 Resp: 43809
 Ion Ratio Lower Upper
 167 100
 166 28.5 17.6 26.4#
 139 21.2 10.9 16.3#





#73

Di-n-butylphthalate

Concen: 6.260 ng

RT: 11.94 min Scan# 1675

Delta R.T. -0.00 min

Lab File: BF103641.D

Acq: 14 Mar 2018 15:32

Instrument :

BNA_F

ClientSampleId :

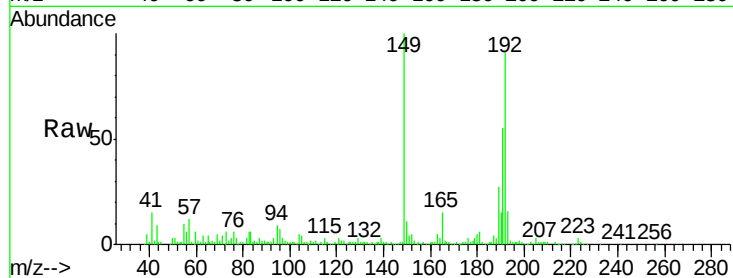
Tot Ion:149 Resp: 131009

Ion Ratio Lower Upper

149 100

150 11.1 7.8 11.6

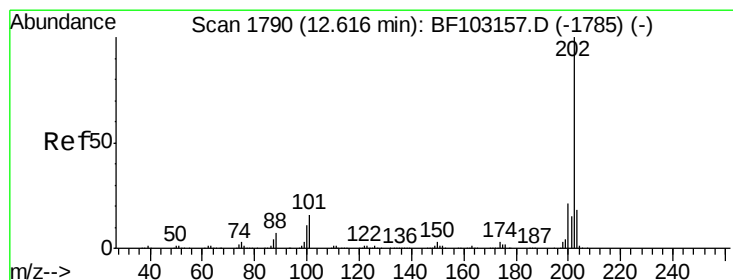
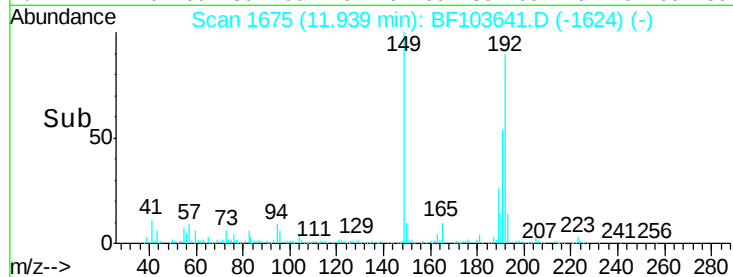
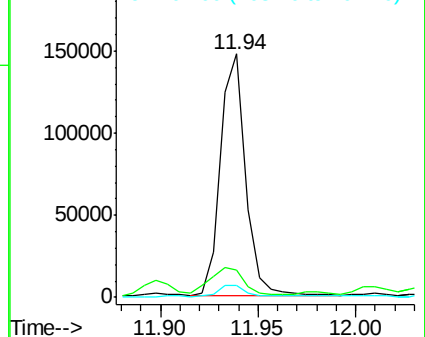
104 4.7 3.8 5.8



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: 46.181 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.01 min

Lab File: BF103641.D

Acq: 14 Mar 2018 15:32

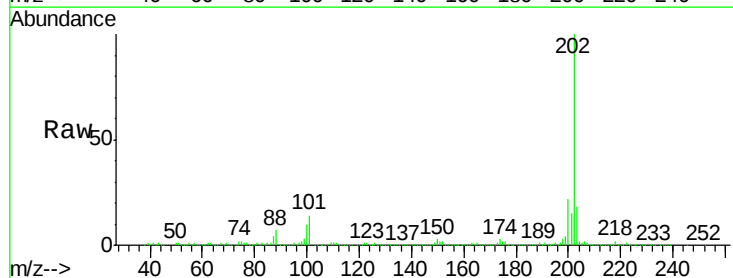
Tgt Ion:202 Resp: 760014

Ion Ratio Lower Upper

202 100

101 13.6 0.0 34.1

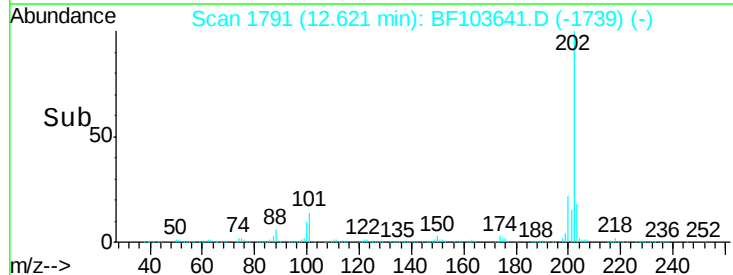
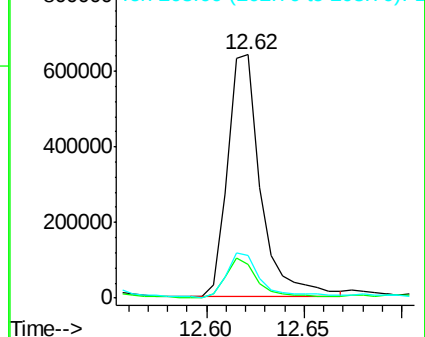
203 17.8 0.0 38.1

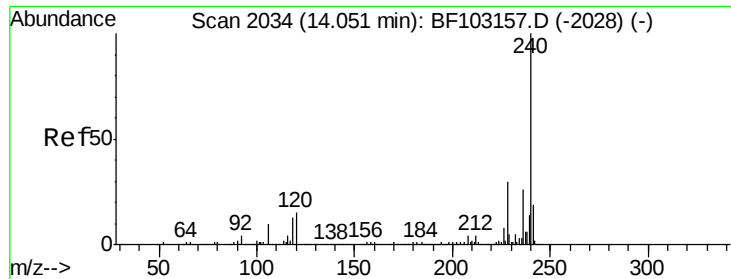


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.06 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BF103641.D

Acq: 14 Mar 2018 15:32

Instrument :

BNA_F

ClientSampled :

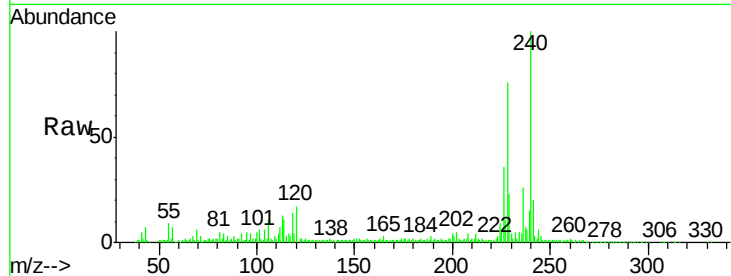
Tot Ion:240 Resp: 196066

Ion Ratio Lower Upper

240 100

120 16.6 9.5 14.3#

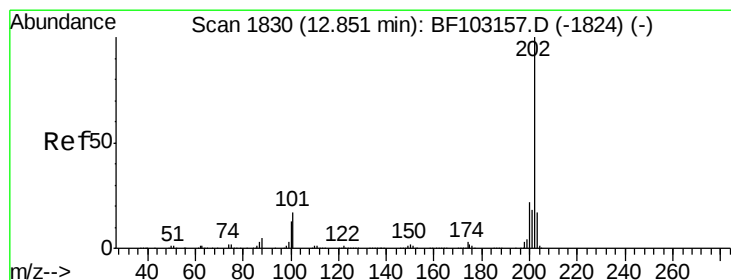
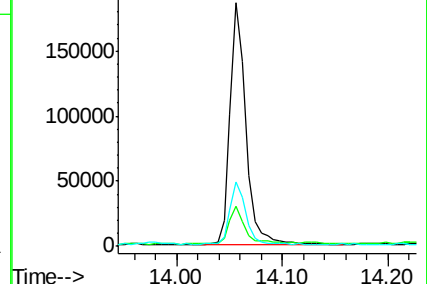
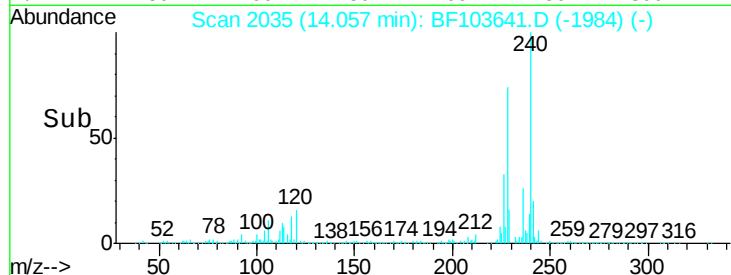
236 26.5 20.7 31.1



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



#77

Pyrene

Concen: 64.583 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.01 min

Lab File: BF103641.D

Acq: 14 Mar 2018 15:32

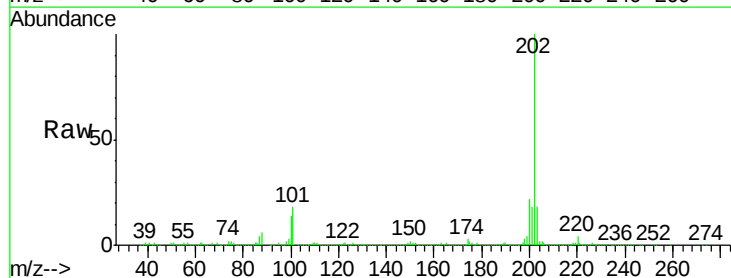
Tgt Ion:202 Resp: 987248

Ion Ratio Lower Upper

202 100

200 21.7 17.4 26.2

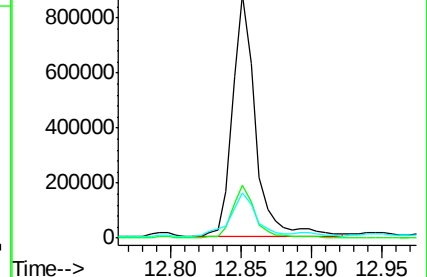
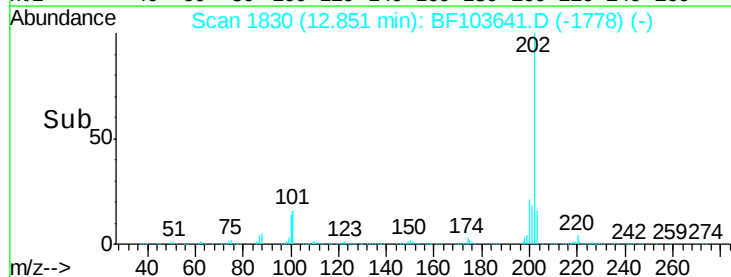
203 18.3 14.3 21.5

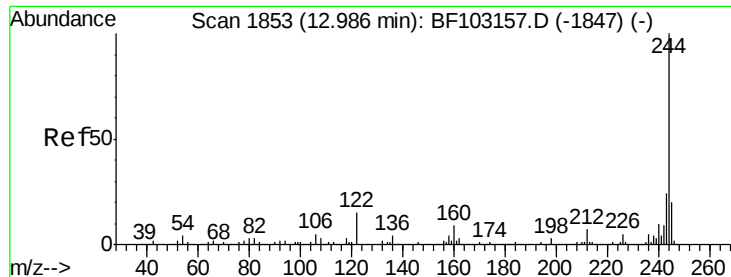


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 51.338 ng

RT: 12.98 min Scan# 1852

Delta R.T. 0.01 min

Lab File: BF103641.D

Acq: 14 Mar 2018 15:32

Instrument :

BNA_F

ClientSampleId :

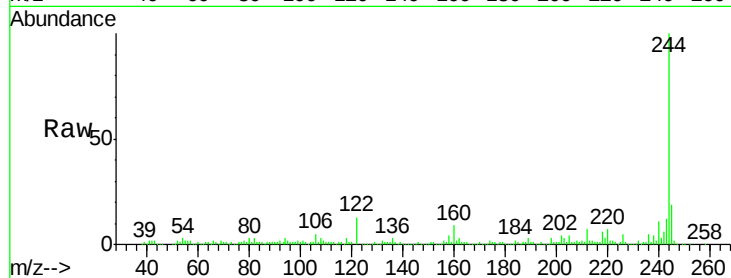
Tot Ion:244 Resp: 418723

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

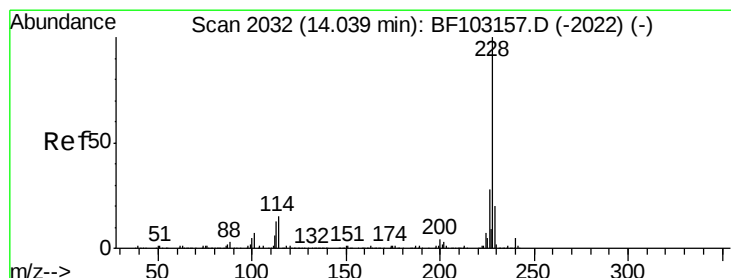
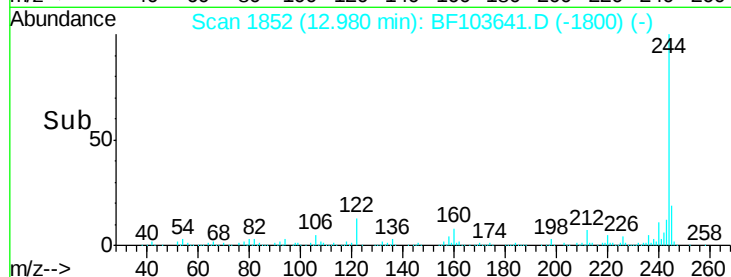
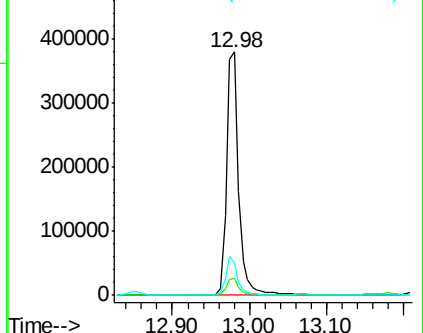
122 13.4 11.0 16.4



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



#80

Benzo(a)anthracene

Concen: 28.673 ng

RT: 14.09 min Scan# 2040

Delta R.T. 0.04 min

Lab File: BF103641.D

Acq: 14 Mar 2018 15:32

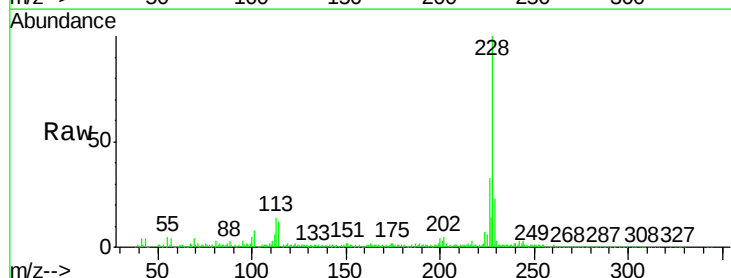
Tgt Ion:228 Resp: 364766

Ion Ratio Lower Upper

228 100

226 33.2 22.6 33.8

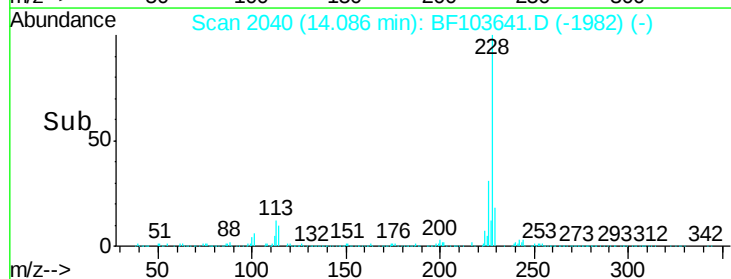
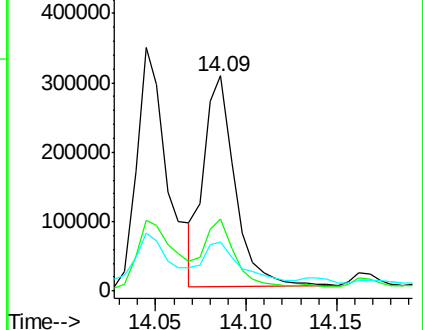
229 22.7 15.8 23.6

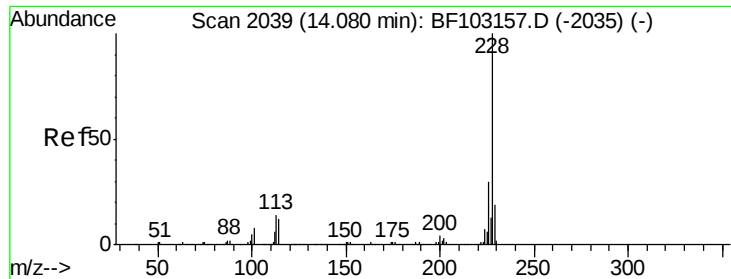


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

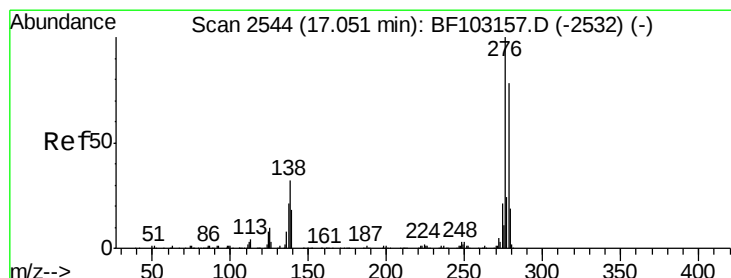
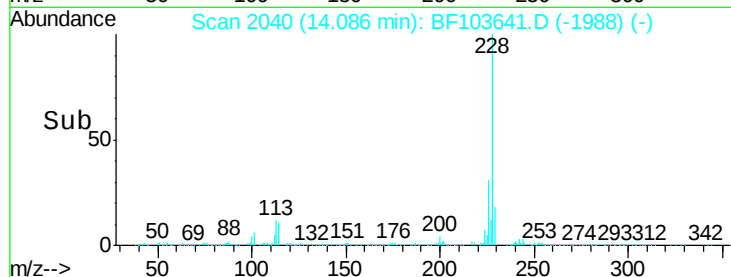
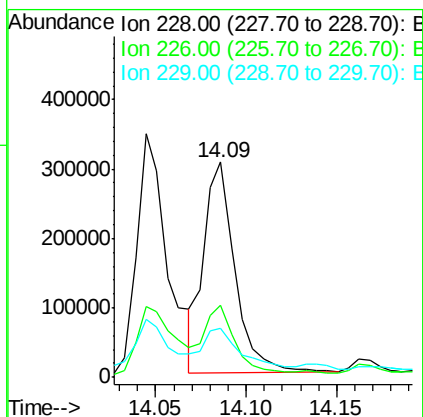
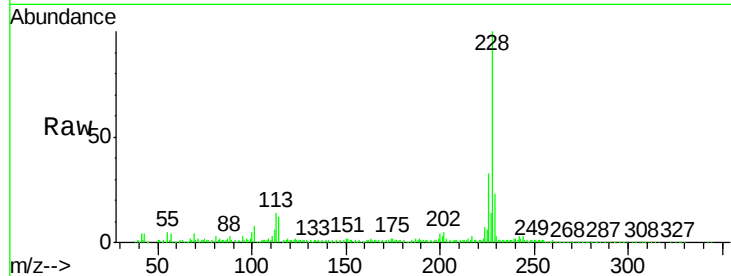




#82
Chrysene
Concen: 29.530 ng
RT: 14.09 min Scan# 2040
Delta R.T. 0.01 min
Lab File: BF103641.D
Acq: 14 Mar 2018 15:32

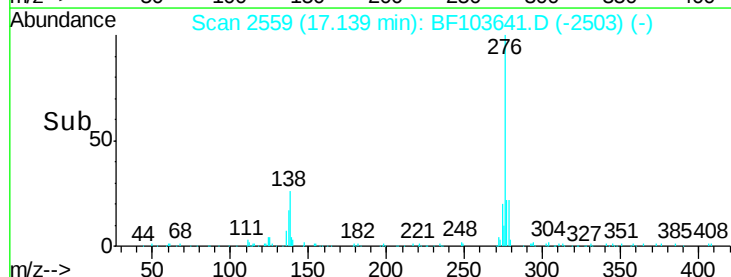
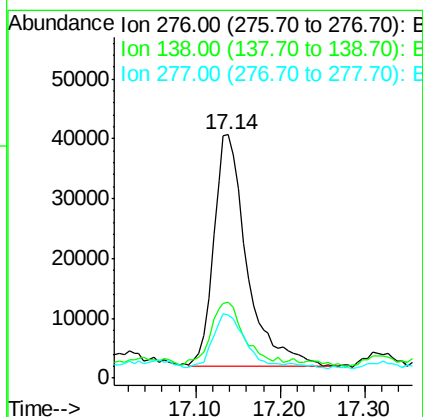
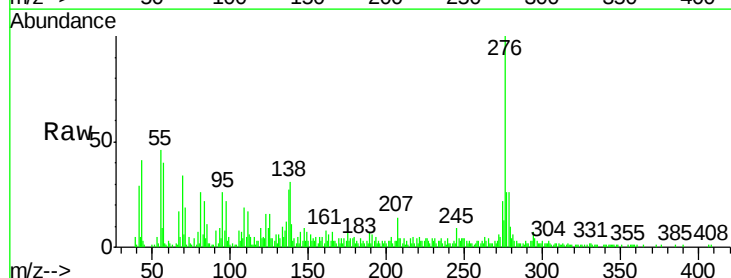
Instrument :
BNA_F
ClientSampleId :

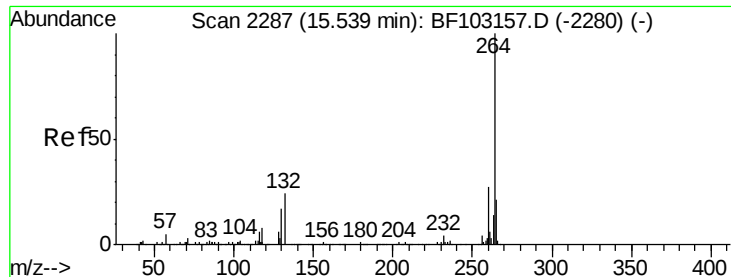
Tot Ion:228 Resp: 364766
Ion Ratio Lower Upper
228 100
226 33.2 25.0 37.6
229 22.7 16.2 24.4



#85
Indeno(1,2,3-cd)pyrene
Concen: 10.855 ng
RT: 17.14 min Scan# 2559
Delta R.T. 0.03 min
Lab File: BF103641.D
Acq: 14 Mar 2018 15:32

Tgt Ion:276 Resp: 106151
Ion Ratio Lower Upper
276 100
138 27.4 25.0 37.6
277 21.3 20.1 30.1

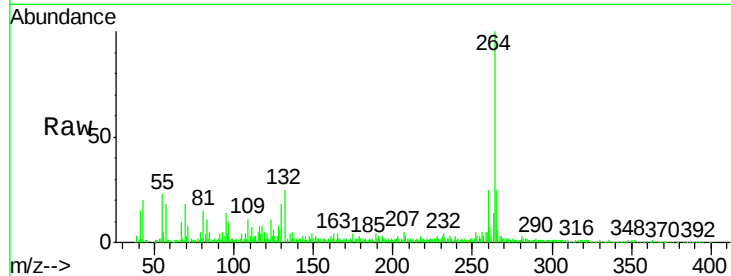




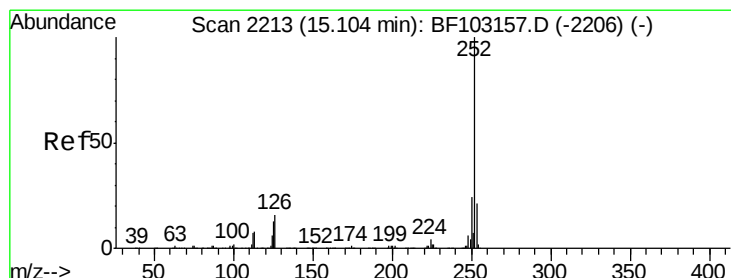
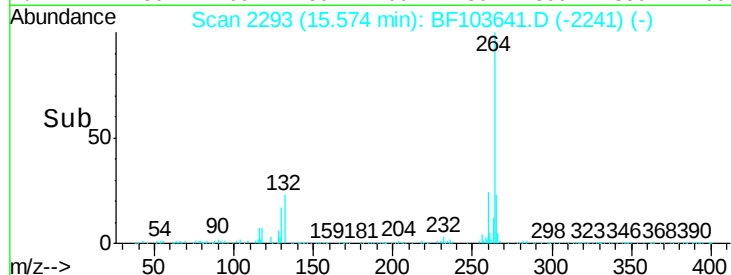
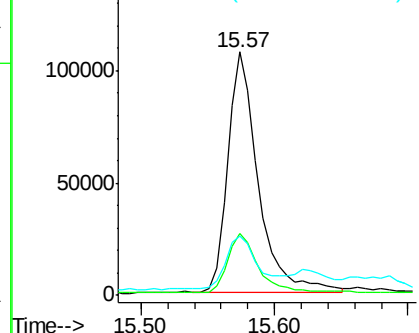
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2293
Delta R.T. 0.01 min
Lab File: BF103641.D
Acq: 14 Mar 2018 15:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 171621
Ion Ratio Lower Upper
264 100
260 25.4 19.2 28.8
265 24.5 17.5 26.3

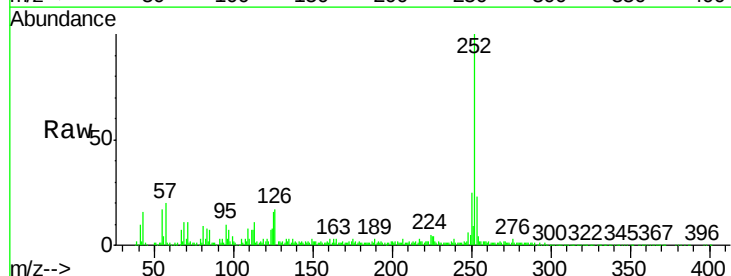


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

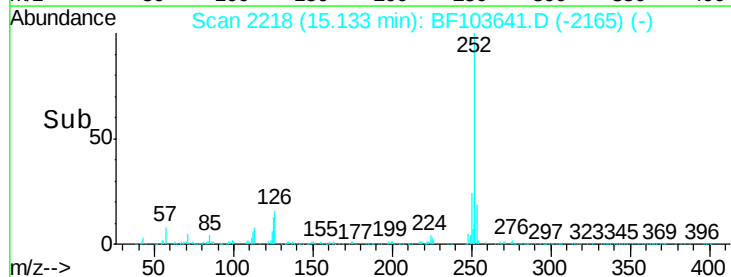
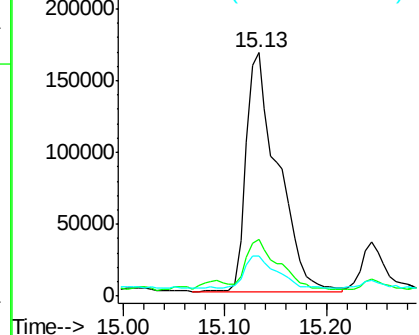


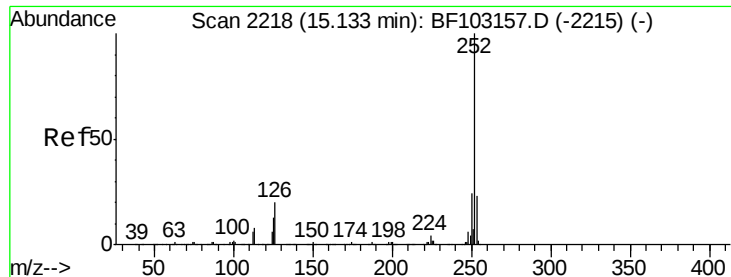
#87
Benzo(b)fluoranthene
Concen: 32.159 ng
RT: 15.13 min Scan# 2218
Delta R.T. 0.01 min
Lab File: BF103641.D
Acq: 14 Mar 2018 15:32

Tgt Ion:252 Resp: 362881
Ion Ratio Lower Upper
252 100
253 23.2 17.0 25.6
125 16.4 9.0 13.6#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

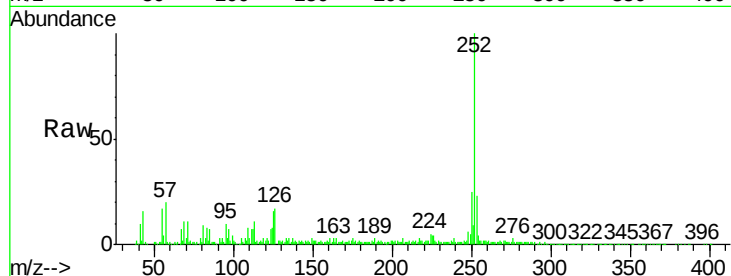




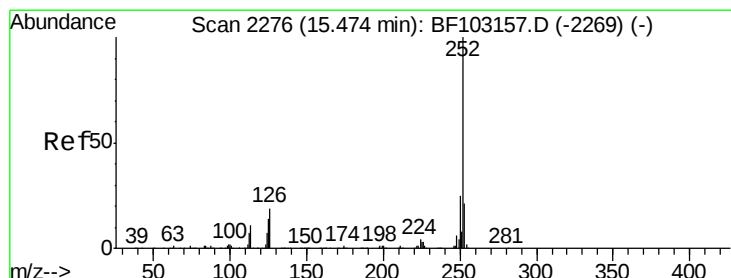
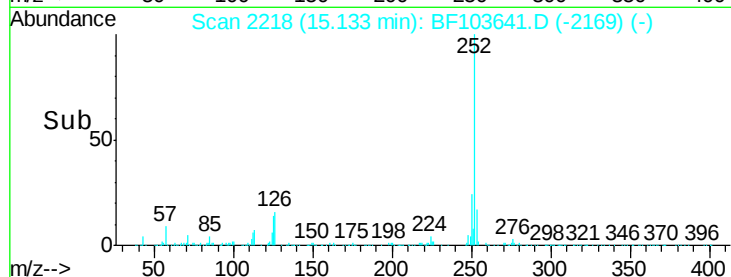
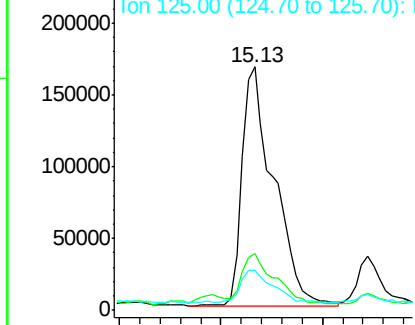
#88
Benzo(k)fluoranthene
Concen: 34.151 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BF103641.D
Acq: 14 Mar 2018 15:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 362881
Ion Ratio Lower Upper
252 100
253 23.2 17.9 26.9
125 16.4 10.2 15.2#

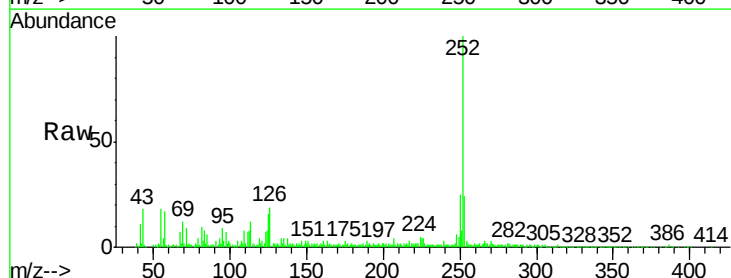


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

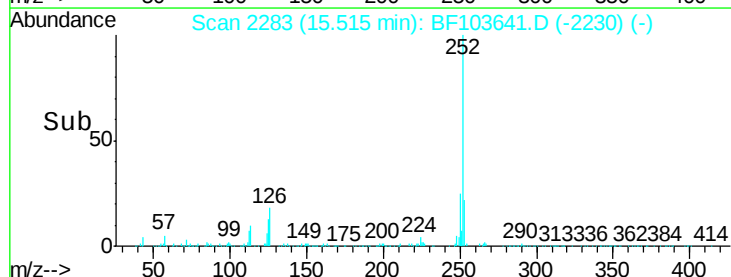
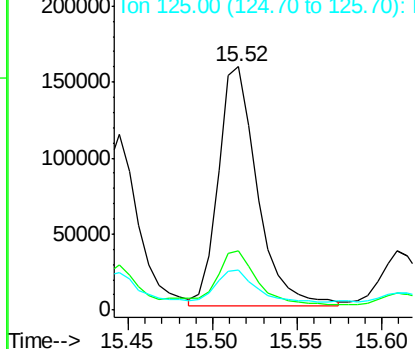


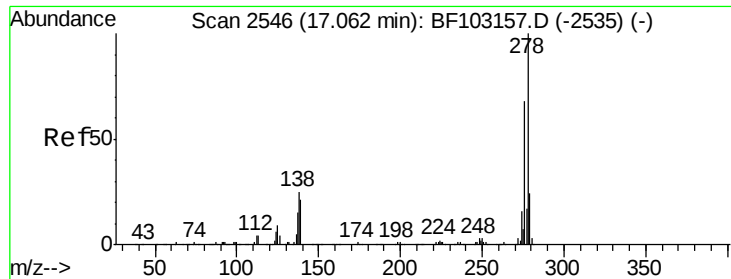
#89
Benzo(a)pyrene
Concen: 25.192 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.01 min
Lab File: BF103641.D
Acq: 14 Mar 2018 15:32

Tgt Ion:252 Resp: 253845
Ion Ratio Lower Upper
252 100
253 24.4 17.1 25.7
125 16.4 9.8 14.6#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 3.001 ng

RT: 17.13 min Scan# 2557

Delta R.T. 0.02 min

Lab File: BF103641.D

Acq: 14 Mar 2018 15:32

Instrument :

BNA_F

ClientSampleId :

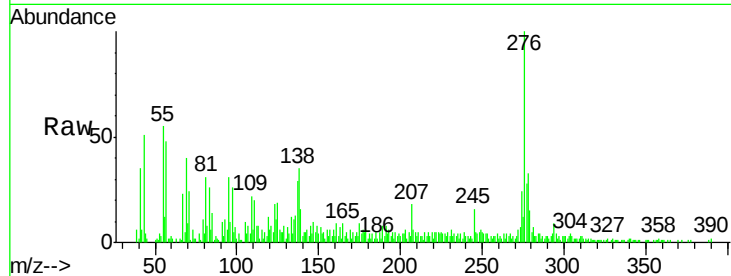
Tot Ion:278 Resp: 23363

Ion Ratio Lower Upper

278 100

139 47.5 15.9 23.9#

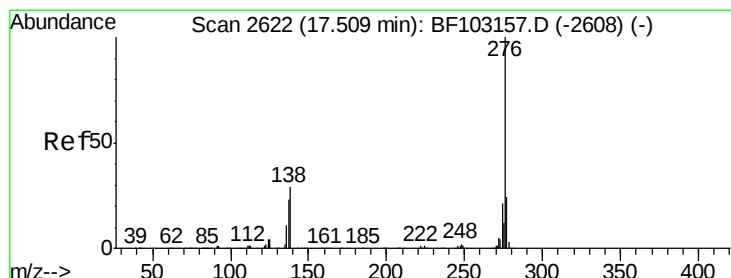
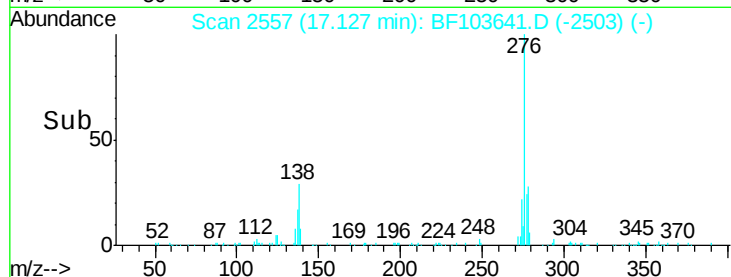
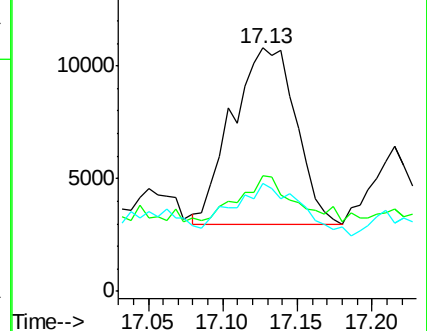
279 44.4 19.0 28.4#



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: 15.188 ng

RT: 17.61 min Scan# 2639

Delta R.T. 0.02 min

Lab File: BF103641.D

Acq: 14 Mar 2018 15:32

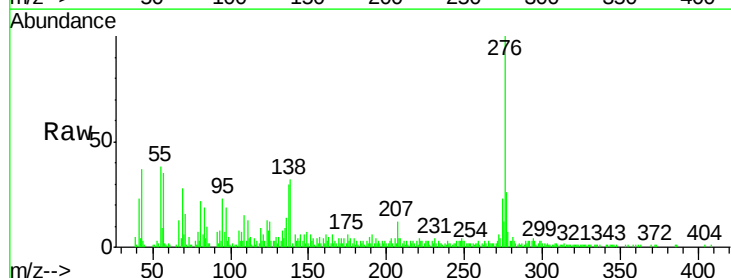
Tgt Ion:276 Resp: 115580

Ion Ratio Lower Upper

276 100

277 26.2 17.9 26.9

138 31.7 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

