

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090815\
 Data File : BF081548.D
 Acq On : 9 Sep 2015 6:13
 Operator : UM/IZ
 Sample : G3585-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MGP212BR-10-13

Quant Time: Sep 09 06:58:27 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 08 15:49:53 2015
 Response via : Initial Calibration

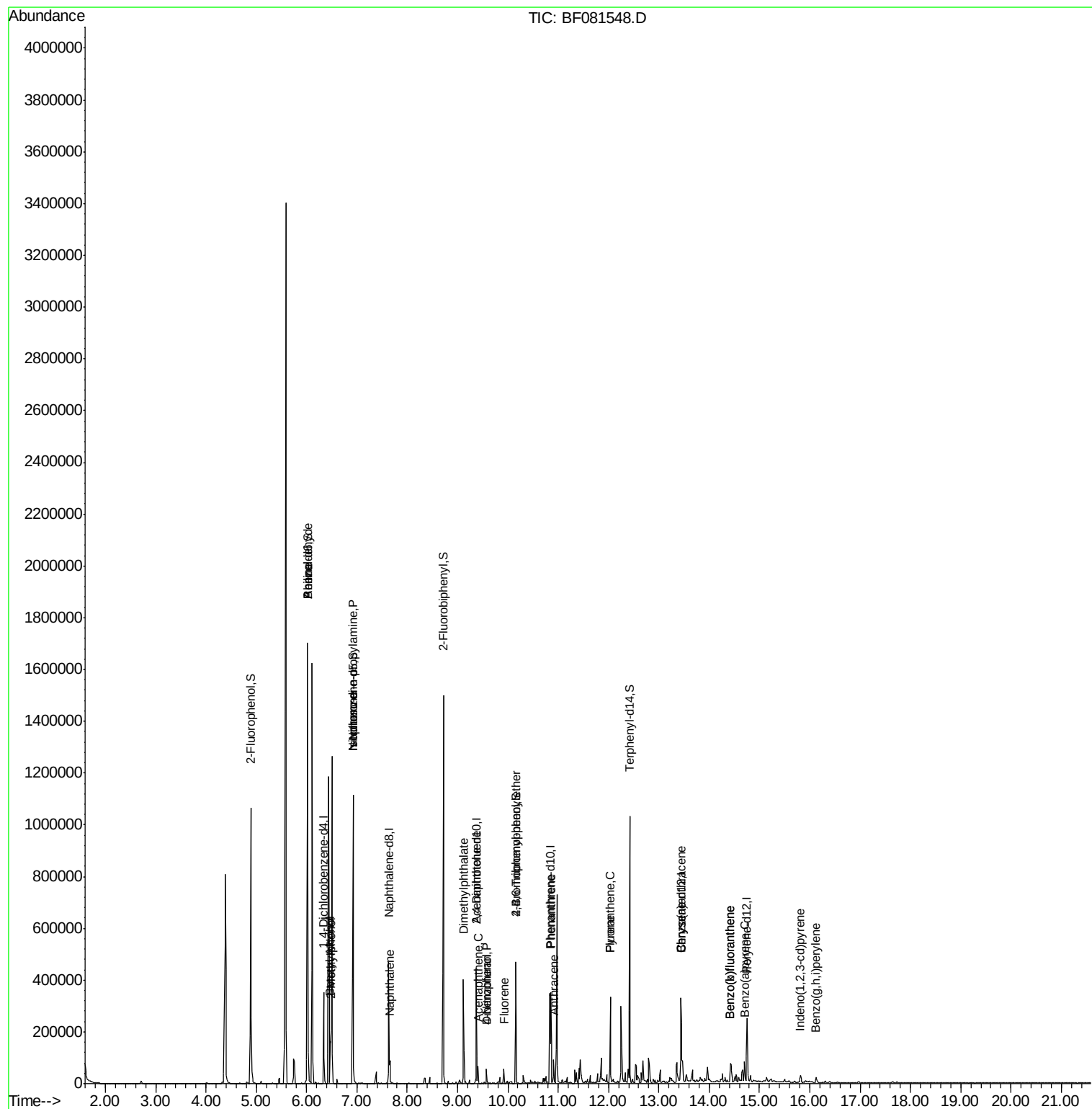
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.34	152	47657	20.00	ng	0.00
21) Naphthalene-d8	7.63	136	185532	20.00	ng	-0.01
38) Acenaphthene-d10	9.37	164	82183	20.00	ng	-0.01
63) Phenanthrene-d10	10.83	188	139812	20.00	ng	-0.01
75) Chrysene-d12	13.44	240	103008	20.00	ng	-0.01
86) Perylene-d12	14.75	264	100209	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.89	112	268464	87.40	ng	0.01
7) Phenol-d6	6.02	99	623917	153.45	ng	0.00
23) Nitrobenzene-d5	6.92	82	357398	92.94	ng	0.00
41) 2,4,6-Tribromophenol	10.16	330	56518	77.24	ng	0.00
44) 2-Fluorobiphenyl	8.72	172	457615	71.36	ng	0.00
78) Terphenyl-d14	12.42	244	289755	65.48	ng	0.00
Target Compounds						Qvalue
6) Aniline	6.02	93	34242	5.96	ng	# 45
9) Benzaldehyde	6.02	77	9373	3.68	ng	# 1
15) Benzyl Alcohol	6.47	79	17779	5.33	ng	# 38
17) 2-Methylphenol	6.48	107	5689	2.11	ng	# 1
19) n-Nitroso-di-n-propylamine	6.92	70	49792	17.99	ng	# 65
25) Isophorone	6.92	82	266818	37.30	ng	# 58
31) Naphthalene	7.66	128	35532	3.59	ng	# 99
49) Dimethylphthalate	9.12	163	160355	25.11	ng	# 97
51) Acenaphthene	9.40	154	14408	2.61	ng	# 92
54) Dibenzofuran	9.58	168	20951	2.60	ng	# 84
55) 4-Nitrophenol	9.58	139	8574	8.27	ng	# 25
56) 2,4-Dinitrotoluene	9.37	165	10778	5.84	ng	# 33
57) Fluorene	9.92	166	22878	3.75	ng	# 96
66) 4-Bromophenyl-phenylether	10.16	248	4324	3.06	ng	# 1
70) Phenanthrene	10.86	178	144144	18.54	ng	# 97
71) Anthracene	10.91	178	36389	4.56	ng	# 97
74) Fluoranthene	12.03	202	131828	15.67	ng	# 87
77) Pyrene	12.03	202	131828	17.28	ng	# 98
80) Benzo(a)anthracene	13.44	228	47945	7.31	ng	# 95
82) Chrysene	13.44	228	47945	8.15	ng	# 97
85) Indeno(1,2,3-cd)pyrene	15.82	276	17685	4.10	ng	# 82
87) Benzo(b)fluoranthene	14.42	252	58111	8.12	ng	# 87
88) Benzo(k)fluoranthene	14.42	252	58111	9.79	ng	# 87
89) Benzo(a)pyrene	14.71	252	39181	6.46	ng	# 83
91) Benzo(g,h,i)perylene	16.13	276	15837	3.54	ng	# 79

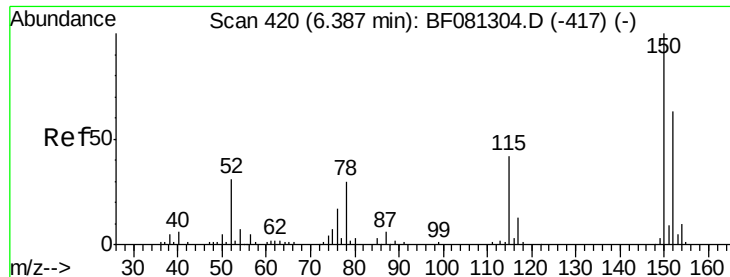
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF081548.D

Acq: 9 Sep 2015 6:13

Instrument :

BNA_F

ClientSampleId :

MGP212BR-10-13

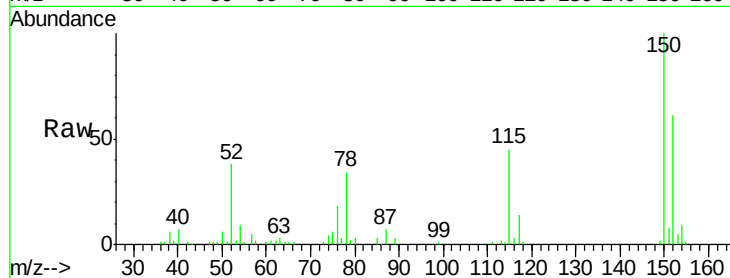
Tot Ion:152 Resp: 47657

Ion Ratio Lower Upper

152 100

150 163.2 124.7 187.1

115 72.8 39.0 58.4#

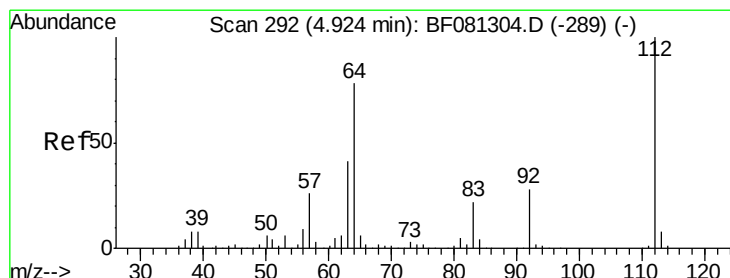
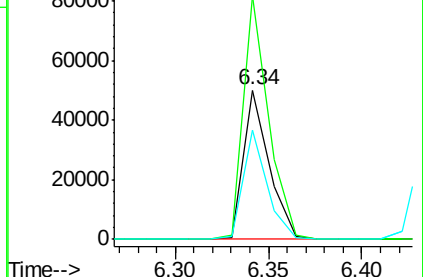
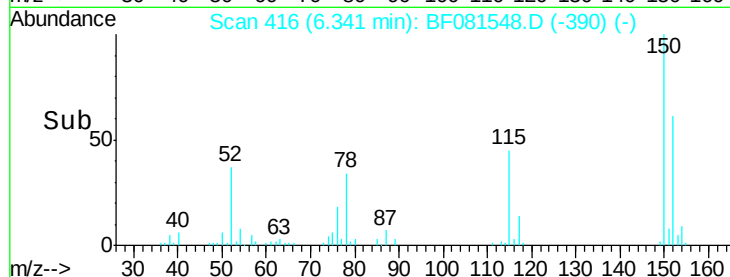


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

Time-->



#5

2-Fluorophenol

Concen: 87.40 ng

RT: 4.89 min Scan# 289

Delta R.T. 0.01 min

Lab File: BF081548.D

Acq: 9 Sep 2015 6:13

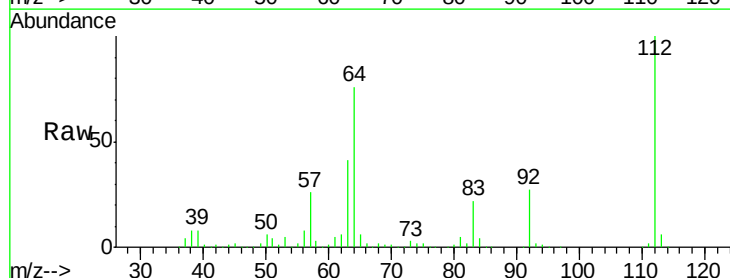
Tgt Ion:112 Resp: 268464

Ion Ratio Lower Upper

112 100

64 76.0 39.7 59.5#

63 41.0 17.4 26.0#

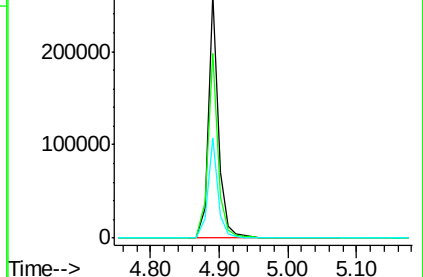
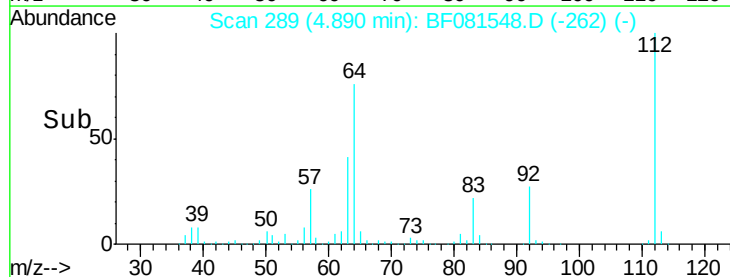


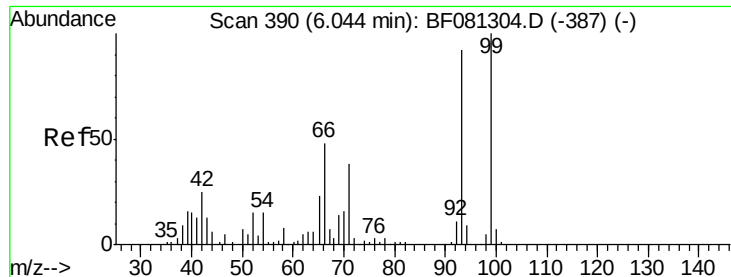
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Time-->





#6

Aniline

Concen: 5.96 ng

RT: 6.02 min Scan# 388

Delta R.T. 0.01 min

Lab File: BF081548.D

Acq: 9 Sep 2015 6:13

Instrument :

BNA_F

ClientSampleId :

MGP212BR-10-13

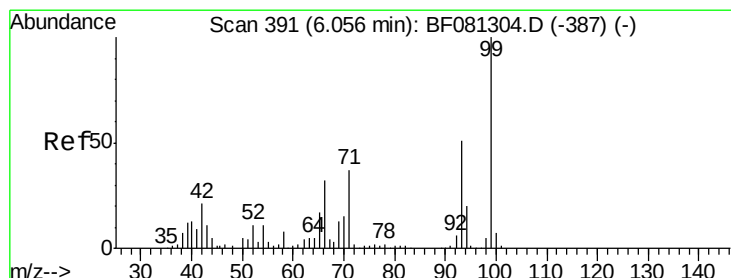
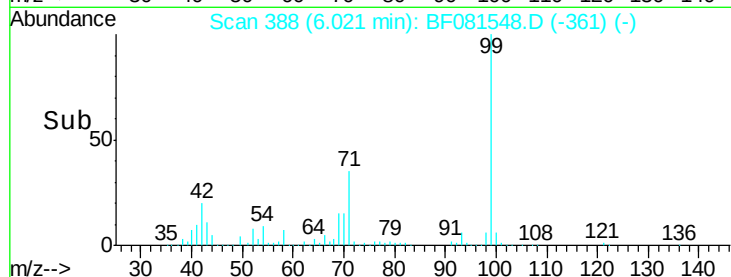
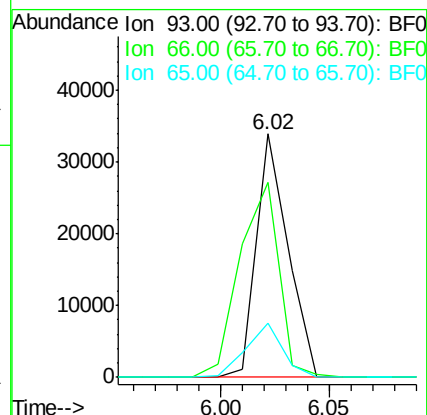
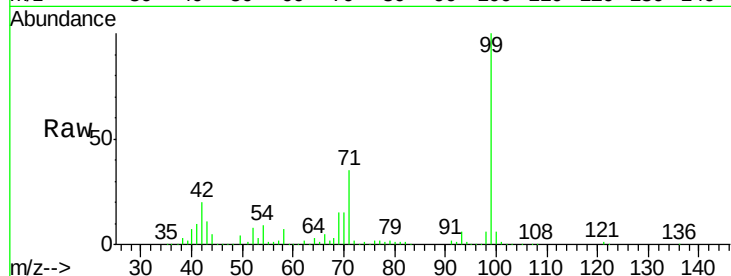
Tot Ion: 93 Resp: 34242

Ion Ratio Lower Upper

93 100

66 80.0 27.2 40.8#

65 22.1 14.7 22.1#



#7

Phenol-d6

Concen: 153.45 ng

RT: 6.02 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF081548.D

Acq: 9 Sep 2015 6:13

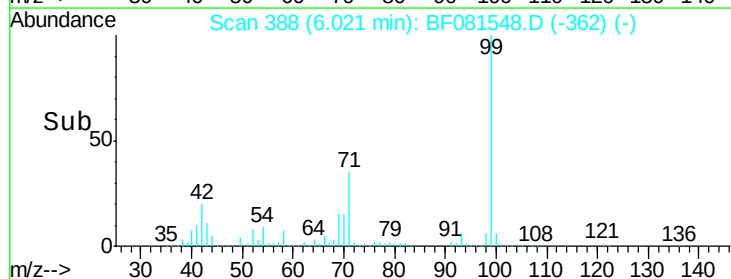
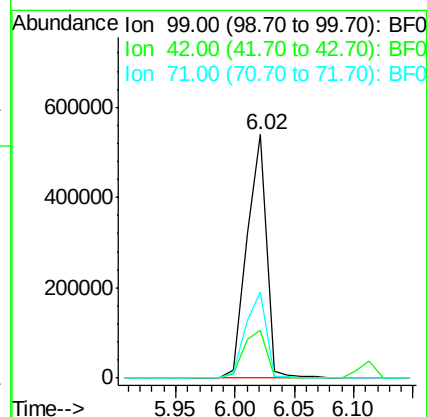
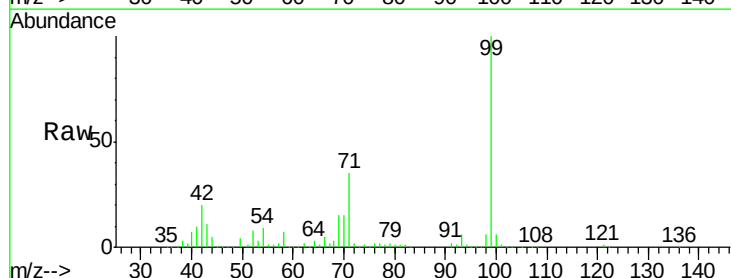
Tgt Ion: 99 Resp: 623917

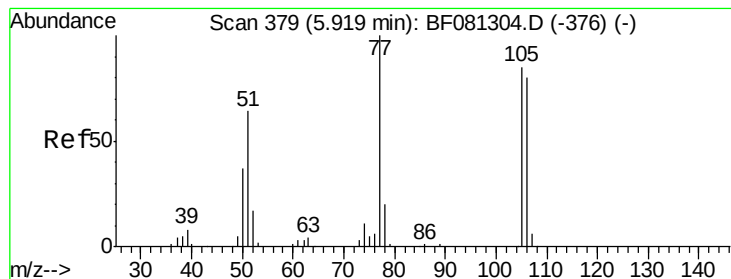
Ion Ratio Lower Upper

99 100

42 19.9 13.7 20.5

71 35.3 14.2 21.2#





#9

Benzaldehyde

Concen: 3.68 ng

RT: 6.02 min Scan# 388

Delta R.T. 0.14 min

Lab File: BF081548.D

Acq: 9 Sep 2015 6:13

Instrument :

BNA_F

ClientSampleId :

MGP212BR-10-13

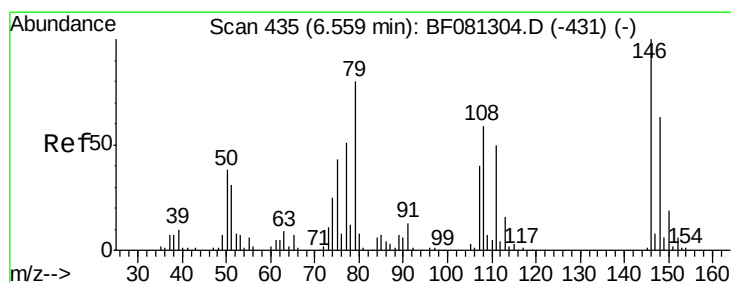
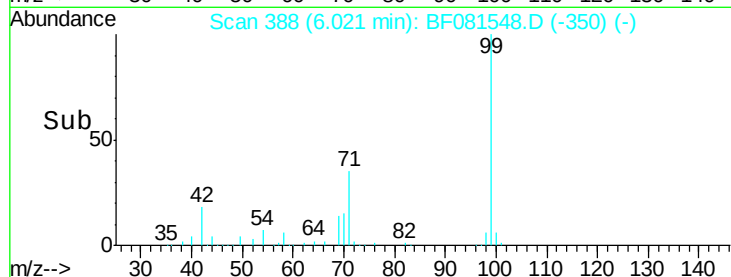
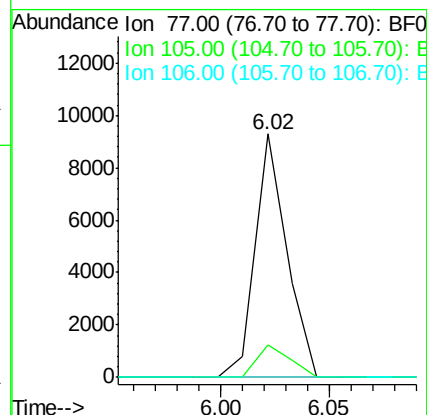
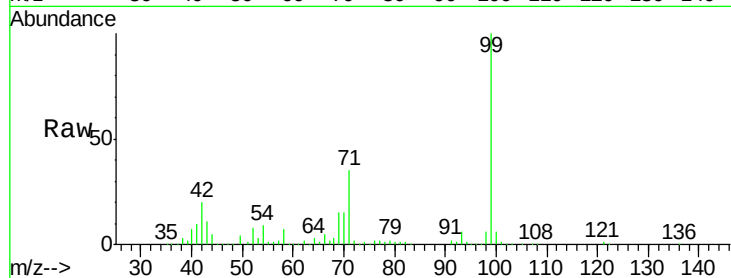
Tot Ion: 77 Resp: 9373

Ion Ratio Lower Upper

77 100

105 13.4 91.6 131.6#

106 0.0 102.6 142.6#



#15

Benzyl Alcohol

Concen: 5.33 ng

RT: 6.47 min Scan# 427

Delta R.T. -0.05 min

Lab File: BF081548.D

Acq: 9 Sep 2015 6:13

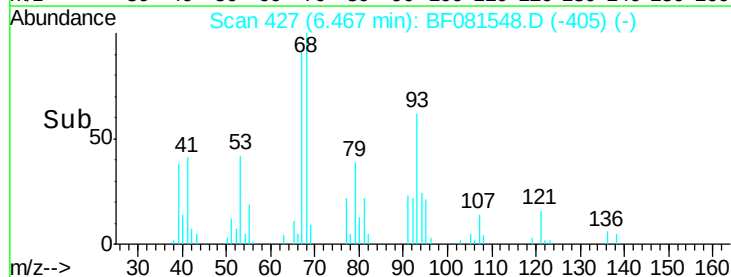
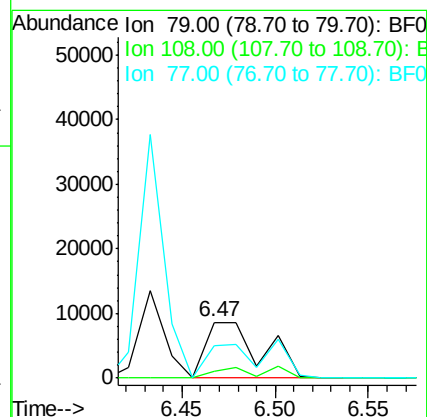
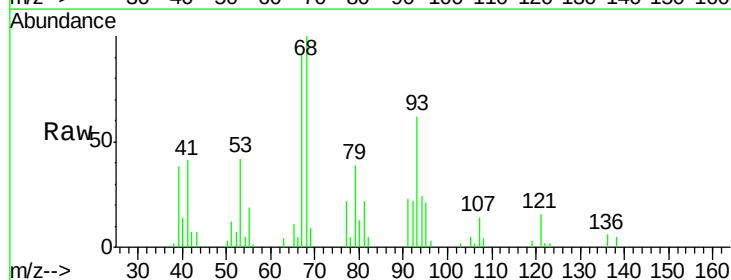
Tgt Ion: 79 Resp: 17779

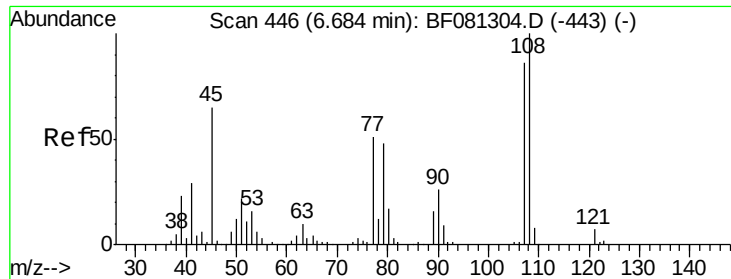
Ion Ratio Lower Upper

79 100

108 11.3 88.6 132.8#

77 57.2 47.0 70.4





#17

2-Methylphenol

Concen: 2.11 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.17 min

Lab File: BF081548.D

Acq: 9 Sep 2015 6:13

Instrument :

BNA_F

ClientSampleId :

MGP212BR-10-13

Tot Ion:107 Resp: 5689

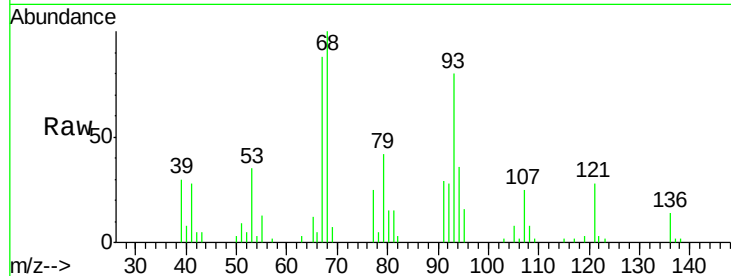
Ion Ratio Lower Upper

107 100

108 32.3 96.6 145.0#

77 103.5 23.3 34.9#

79 170.3 22.0 33.0#

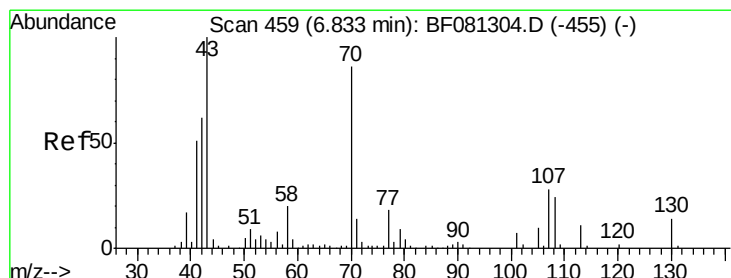
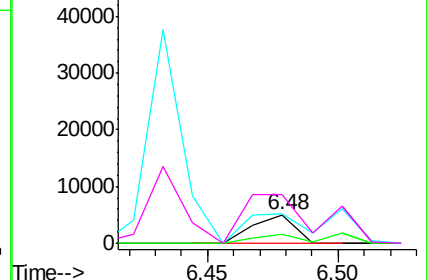
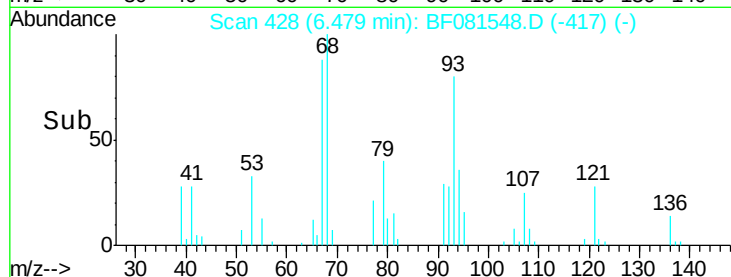


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 17.99 ng

RT: 6.92 min Scan# 467

Delta R.T. 0.13 min

Lab File: BF081548.D

Acq: 9 Sep 2015 6:13

Tgt Ion: 70 Resp: 49792

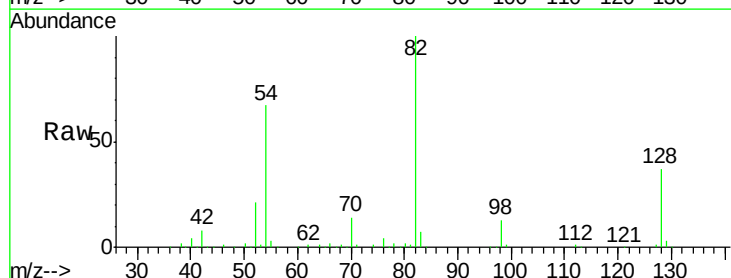
Ion Ratio Lower Upper

70 100

42 56.3 63.8 95.6#

101 0.0 9.2 13.8#

130 1.7 27.3 40.9#

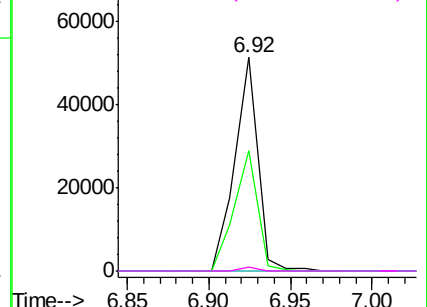
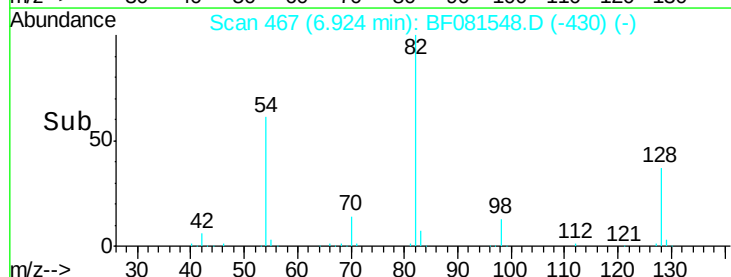


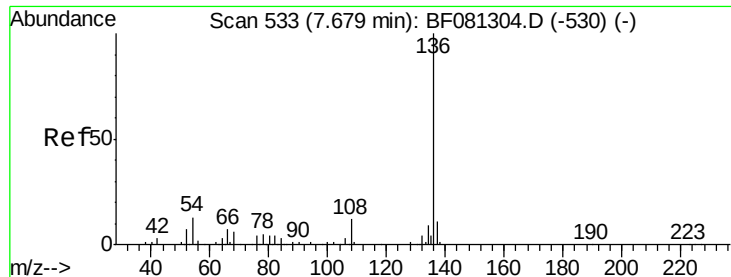
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.63 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF081548.D

Acq: 9 Sep 2015 6:13

Instrument :

BNA_F

ClientSampleId :

MGP212BR-10-13

Tot Ion:136 Resp: 185532

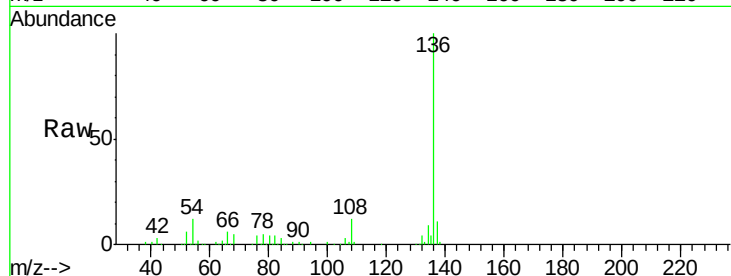
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 12.1 8.2 12.2

68 5.2 5.8 8.6#

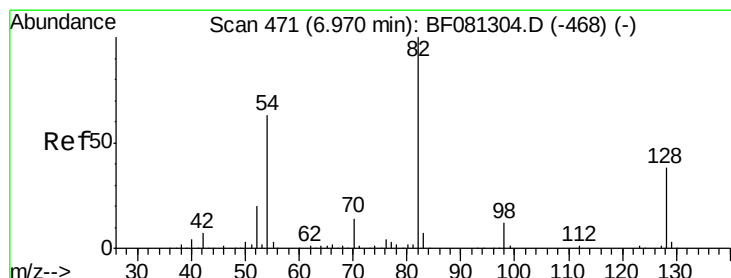
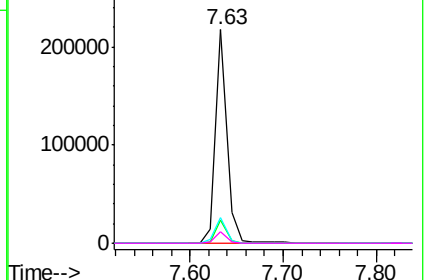
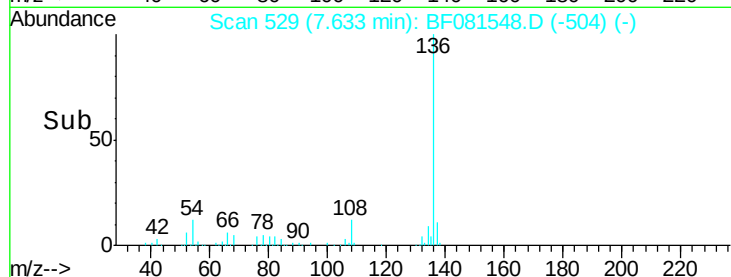


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 92.94 ng

RT: 6.92 min Scan# 467

Delta R.T. -0.00 min

Lab File: BF081548.D

Acq: 9 Sep 2015 6:13

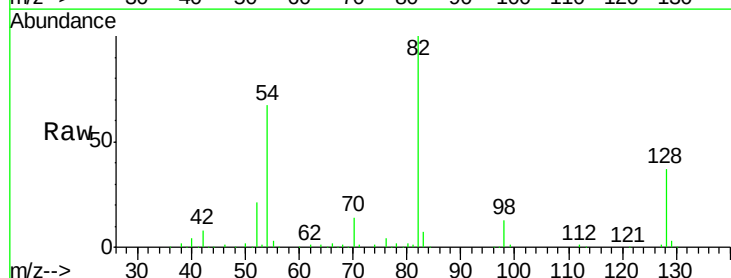
Tgt Ion: 82 Resp: 357398

Ion Ratio Lower Upper

82 100

128 37.4 51.0 76.6#

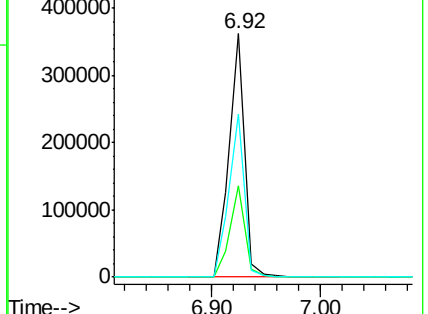
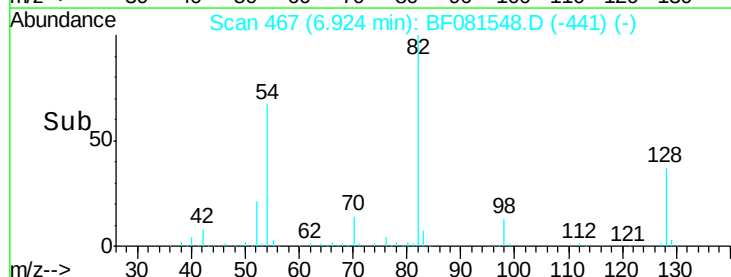
54 67.2 47.5 71.3

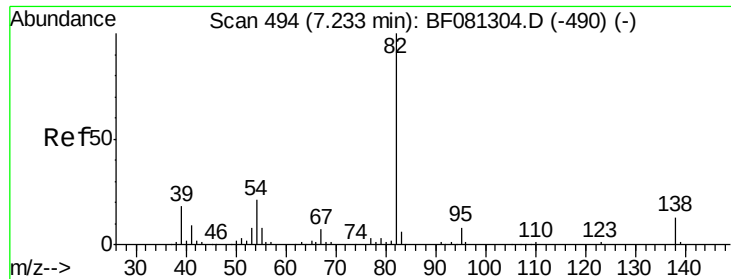


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 37.30 ng

RT: 6.92 min Scan# 467

Delta R.T. -0.27 min

Lab File: BF081548.D

Acq: 9 Sep 2015 6:13

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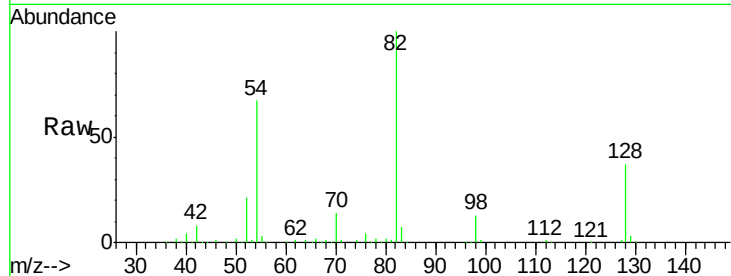
Tot Ion: 82 Resp: 266818

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

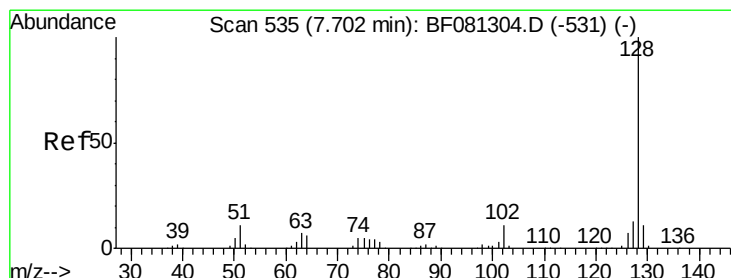
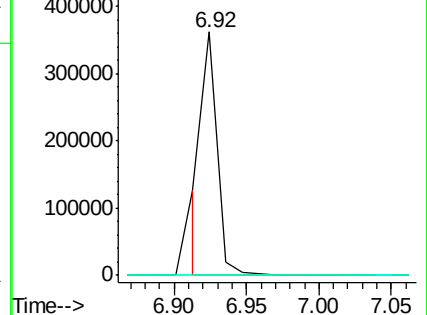
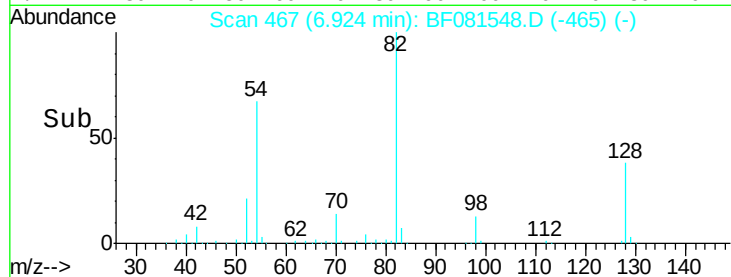
138 0.0 18.3 27.5#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#31

Naphthalene

Concen: 3.59 ng

RT: 7.66 min Scan# 531

Delta R.T. -0.00 min

Lab File: BF081548.D

Acq: 9 Sep 2015 6:13

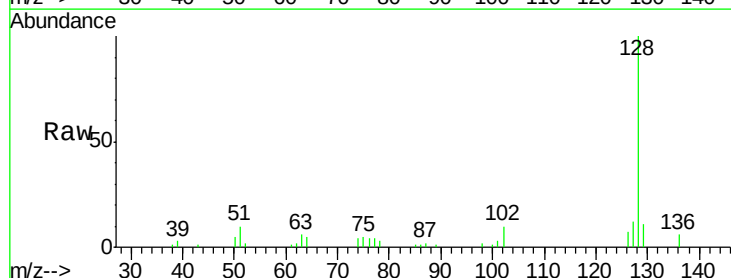
Tgt Ion: 128 Resp: 35532

Ion Ratio Lower Upper

128 100

129 10.9 8.4 12.6

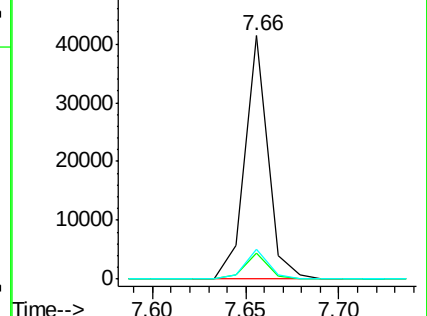
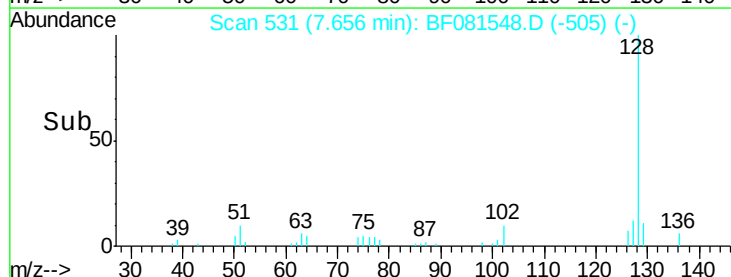
127 12.1 9.9 14.9

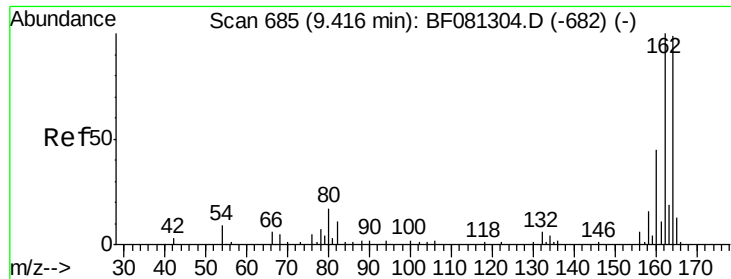


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

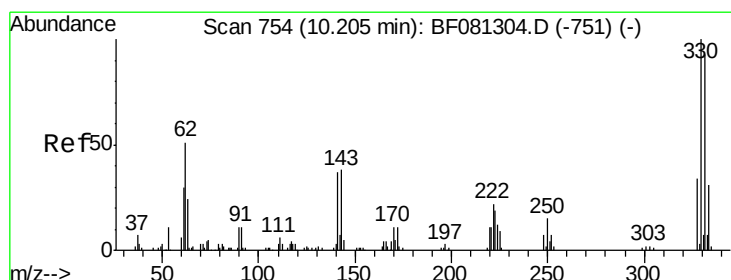
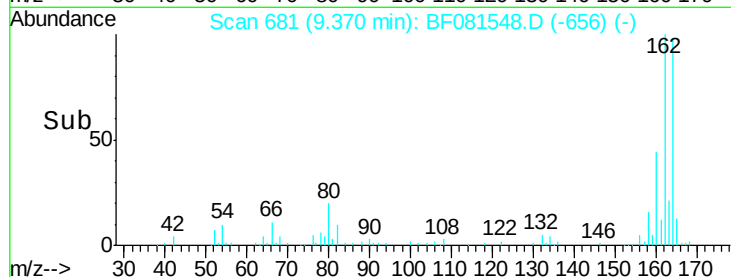
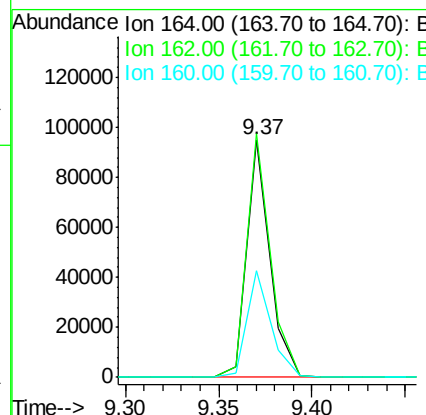
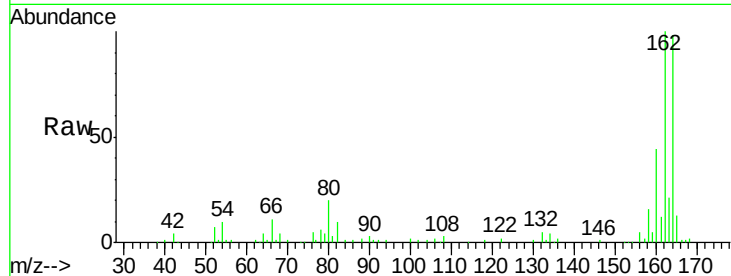




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.37 min Scan# 681
 Delta R.T. -0.01 min
 Lab File: BF081548.D
 Acq: 9 Sep 2015 6:13

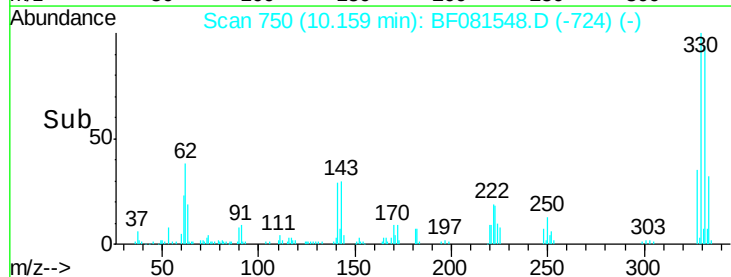
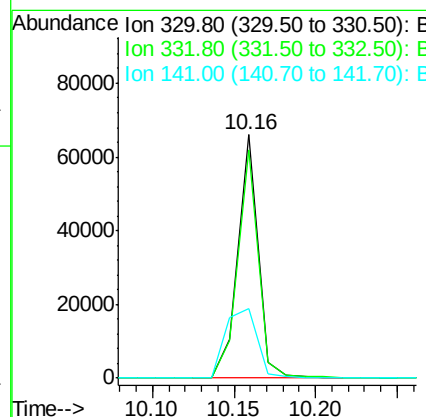
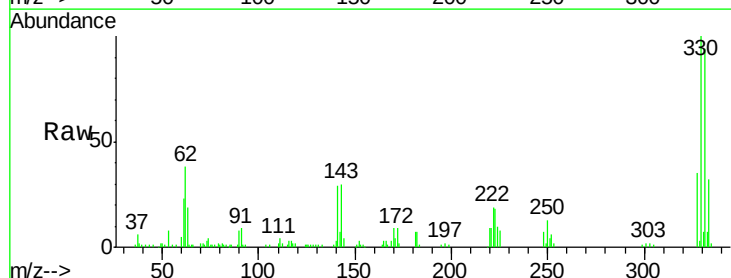
Instrument :
 BNA_F
 ClientSampleId :
 MGP212BR-10-13

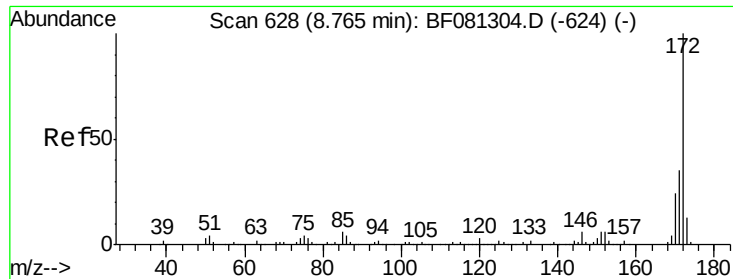
Tot Ion:164 Resp: 82183
 Ion Ratio Lower Upper
 164 100
 162 102.4 75.2 112.8
 160 44.8 31.5 47.3



#41
 2,4,6-Tribromophenol
 Concen: 77.24 ng
 RT: 10.16 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF081548.D
 Acq: 9 Sep 2015 6:13

Tgt Ion:330 Resp: 56518
 Ion Ratio Lower Upper
 330 100
 332 94.5 76.6 114.8
 141 44.7 29.7 44.5#

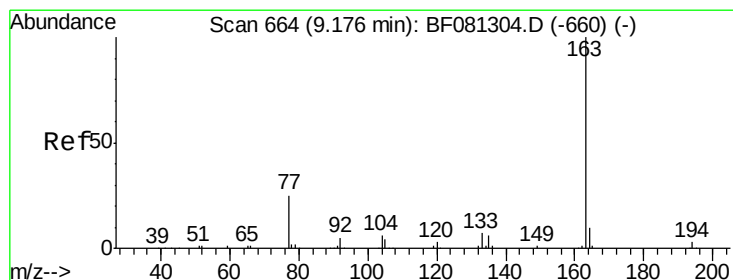
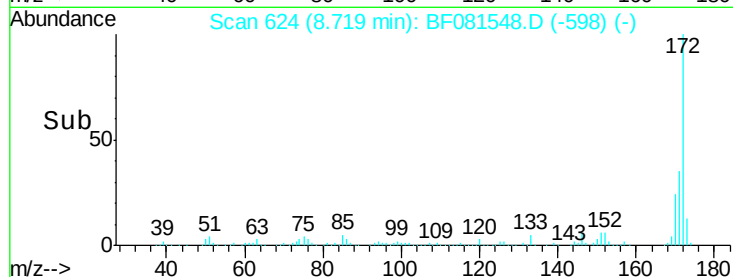
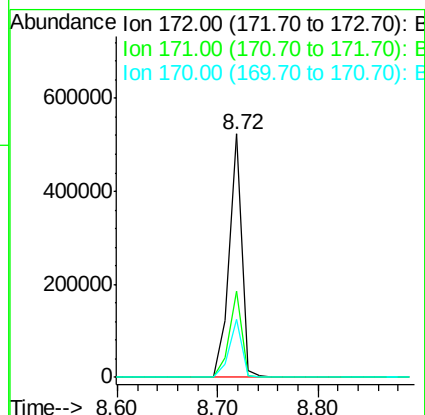
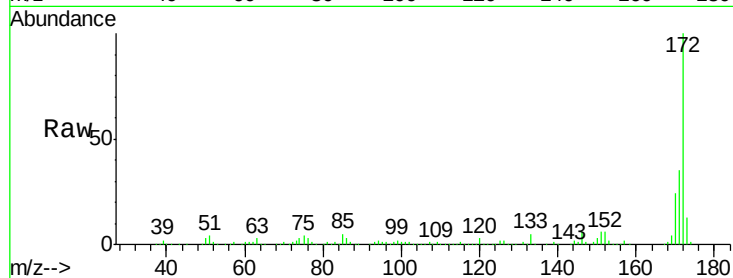




#44
 2-Fluorobiphenyl
 Concen: 71.36 ng
 RT: 8.72 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF081548.D
 Acq: 9 Sep 2015 6:13

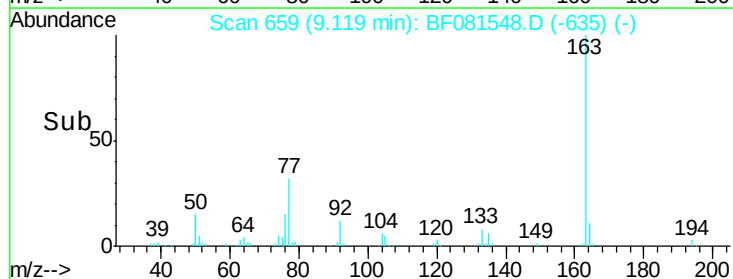
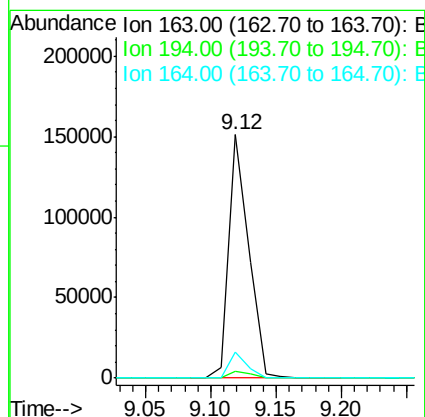
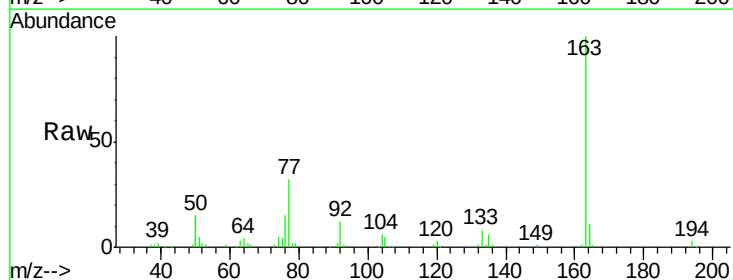
Instrument :
 BNA_F
 ClientSampleId :
 MGP212BR-10-13

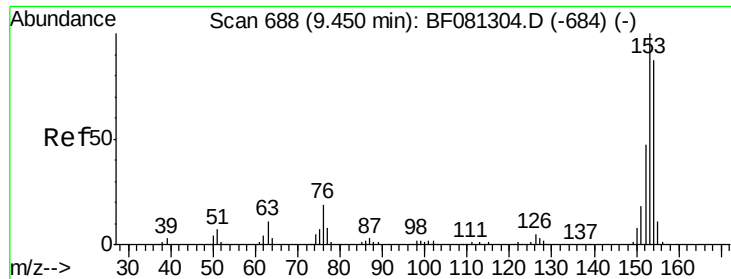
Tot Ion:172 Resp: 457615
 Ion Ratio Lower Upper
 172 100
 171 35.3 26.1 39.1
 170 24.1 17.4 26.2



#49
 Dimethylphthalate
 Concen: 25.11 ng
 RT: 9.12 min Scan# 659
 Delta R.T. -0.02 min
 Lab File: BF081548.D
 Acq: 9 Sep 2015 6:13

Tgt Ion:163 Resp: 160355
 Ion Ratio Lower Upper
 163 100
 194 2.8 4.4 6.6#
 164 10.6 8.3 12.5

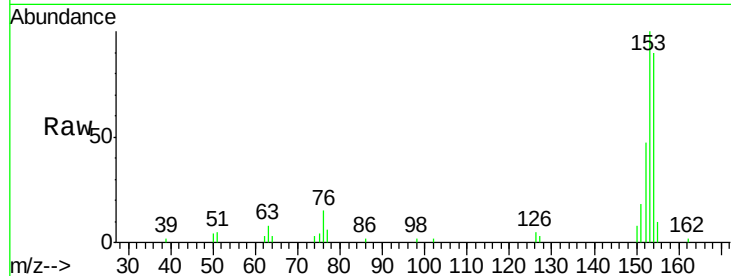




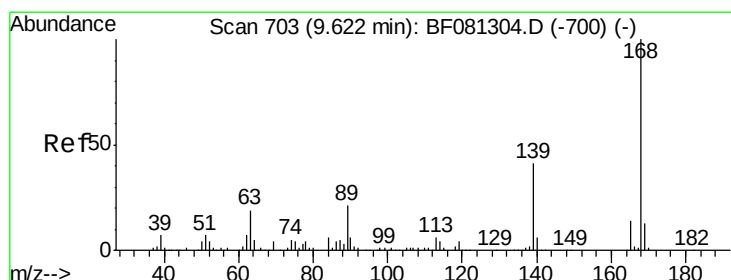
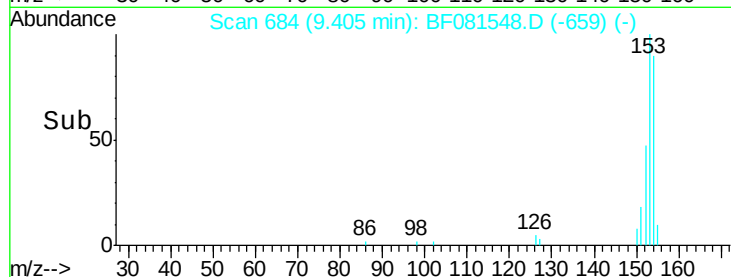
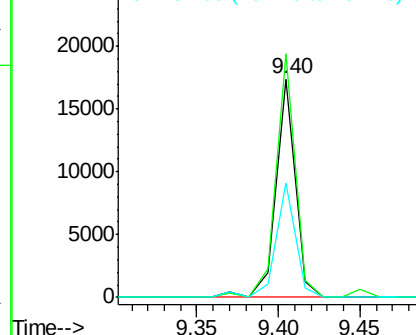
#51
Acenaphthene
Concen: 2.61 ng
RT: 9.40 min Scan# 684
Delta R.T. -0.01 min
Lab File: BF081548.D
Acq: 9 Sep 2015 6:13

Instrument :
BNA_F
ClientSampleId :
MGP212BR-10-13

Tot Ion:154 Resp: 14408
Ion Ratio Lower Upper
154 100
153 111.4 82.1 123.1
152 52.5 37.9 56.9

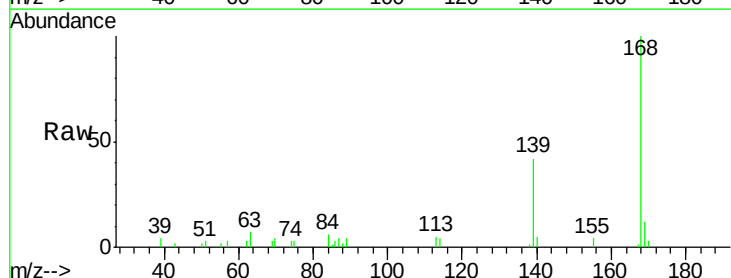


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

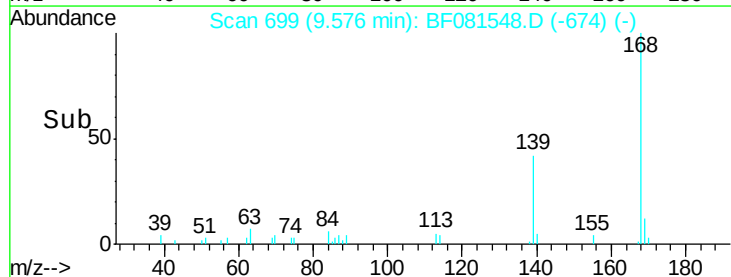
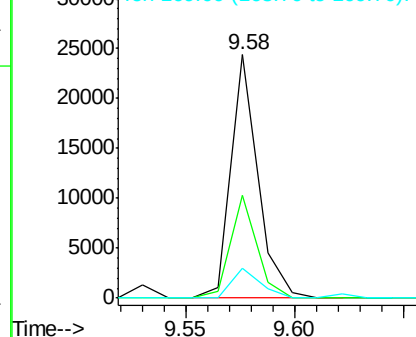


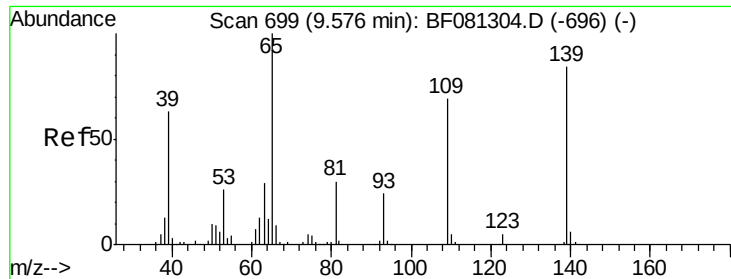
#54
Dibenzofuran
Concen: 2.60 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF081548.D
Acq: 9 Sep 2015 6:13

Tgt Ion:168 Resp: 20951
Ion Ratio Lower Upper
168 100
139 42.2 24.2 36.2#
169 12.2 10.6 15.8



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





#55

4-Nitrophenol

Concen: 8.27 ng

RT: 9.58 min Scan# 699

Delta R.T. -0.01 min

Lab File: BF081548.D

Acq: 9 Sep 2015 6:13

Instrument :

BNA_F

ClientSampleId :

MGP212BR-10-13

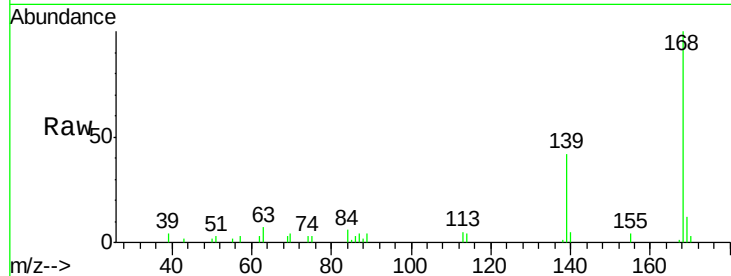
Tot Ion:139 Resp: 8574

Ion Ratio Lower Upper

139 100

109 0.0 12.7 52.7#

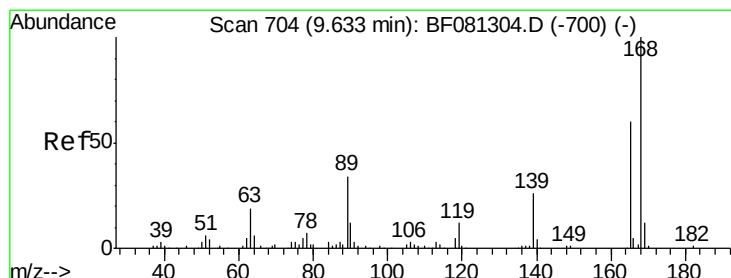
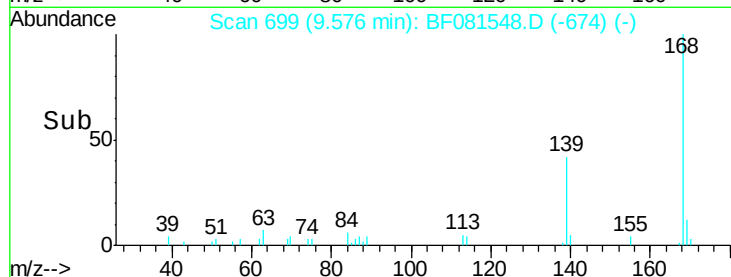
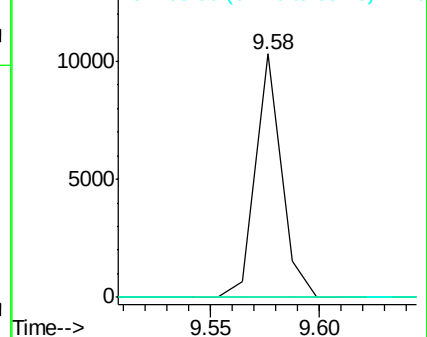
65 0.0 45.9 85.9#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 5.84 ng

RT: 9.37 min Scan# 681

Delta R.T. -0.22 min

Lab File: BF081548.D

Acq: 9 Sep 2015 6:13

Tgt Ion:165 Resp: 10778

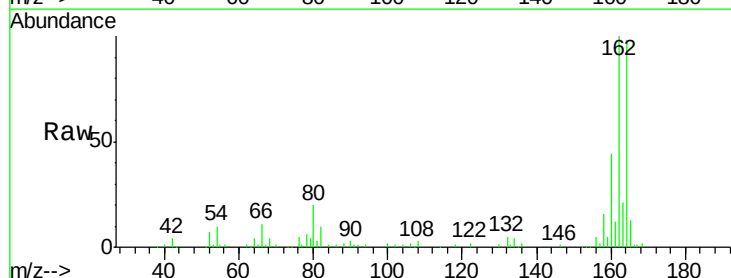
Ion Ratio Lower Upper

165 100

63 2.9 29.8 44.6#

89 0.0 44.5 66.7#

182 0.0 3.0 4.4#

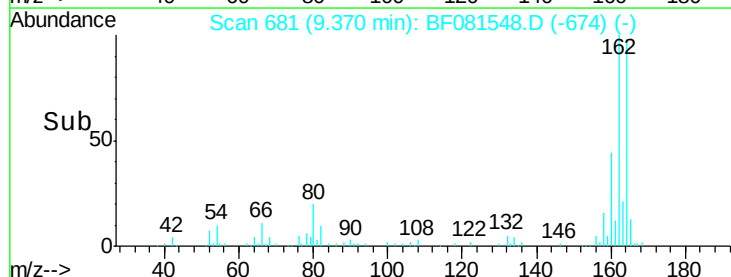
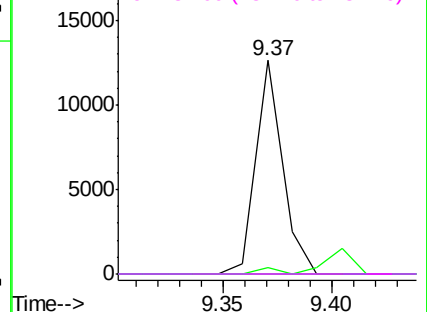


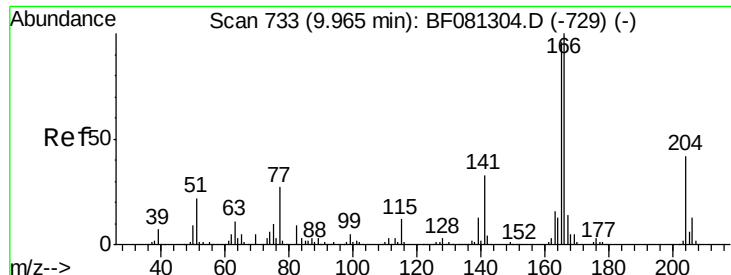
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

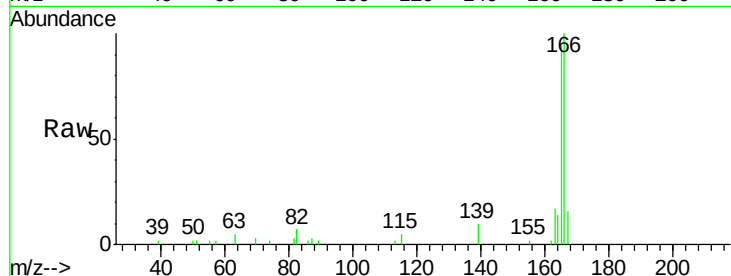




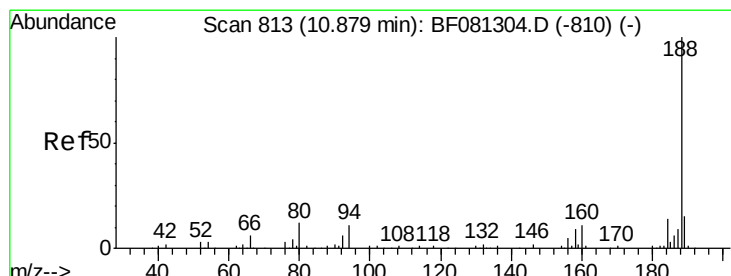
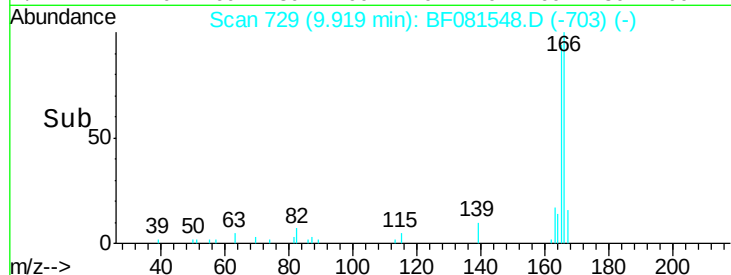
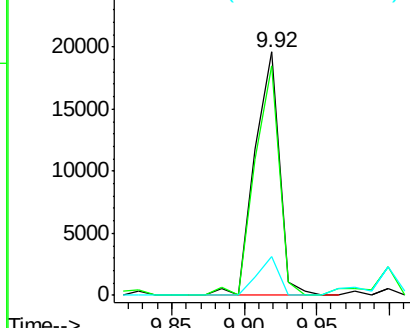
#57
 Fluorene
 Concen: 3.75 ng
 RT: 9.92 min Scan# 729
 Delta R.T. -0.00 min
 Lab File: BF081548.D
 Acq: 9 Sep 2015 6:13

Instrument :
 BNA_F
 ClientSampleId :
 MGP212BR-10-13

Tot Ion:166 Resp: 22878
 Ion Ratio Lower Upper
 166 100
 165 94.2 72.6 109.0
 167 15.7 10.6 16.0

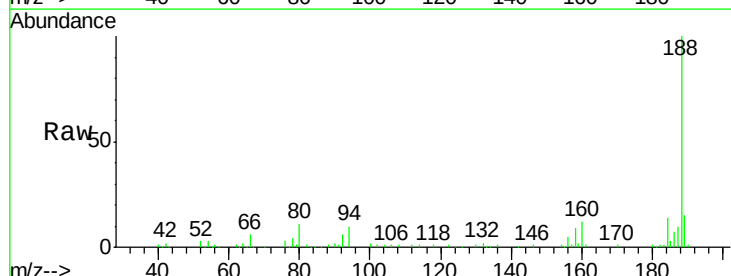


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

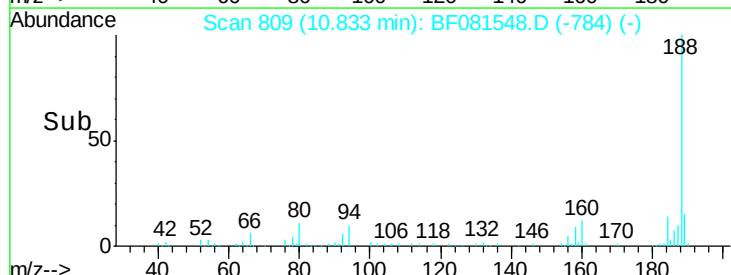
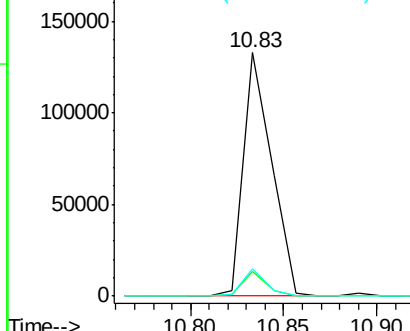


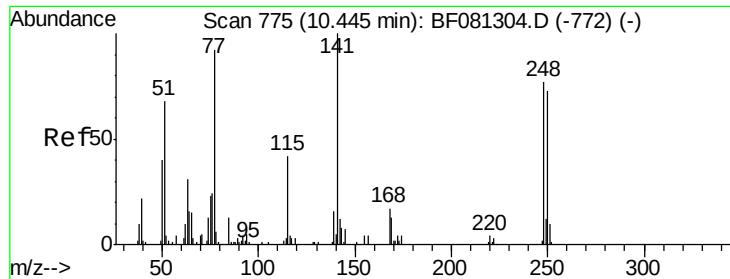
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.83 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF081548.D
 Acq: 9 Sep 2015 6:13

Tgt Ion:188 Resp: 139812
 Ion Ratio Lower Upper
 188 100
 94 10.0 11.1 16.7#
 80 11.4 11.0 16.4



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

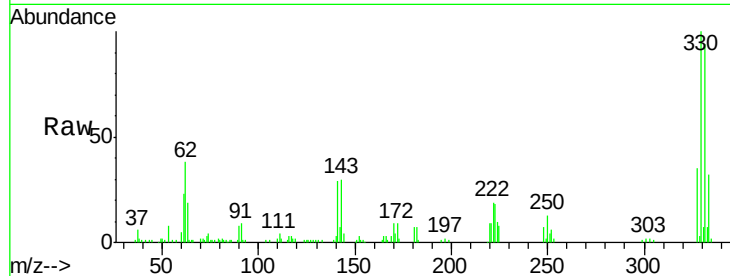




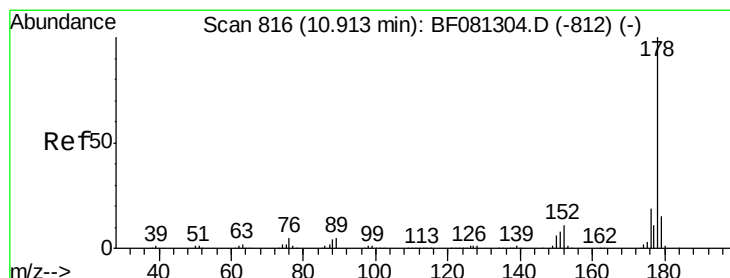
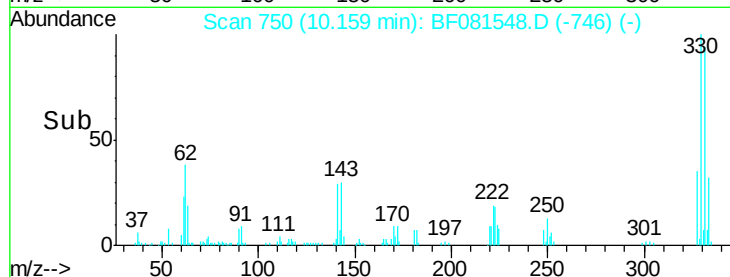
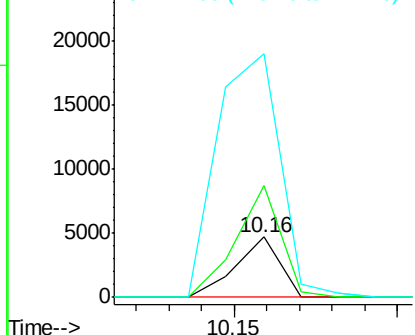
#66
 4-Bromophenyl-phenylether
 Concen: 3.06 ng
 RT: 10.16 min Scan# 750
 Delta R.T. -0.25 min
 Lab File: BF081548.D
 Acq: 9 Sep 2015 6:13

Instrument :
 BNA_F
 ClientSampleId :
 MGP212BR-10-13

Tot Ion:248 Resp: 4324
 Ion Ratio Lower Upper
 248 100
 250 186.6 78.5 117.7#
 141 404.8 59.0 88.6#

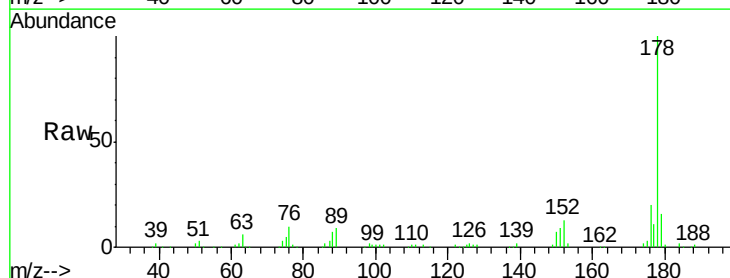


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

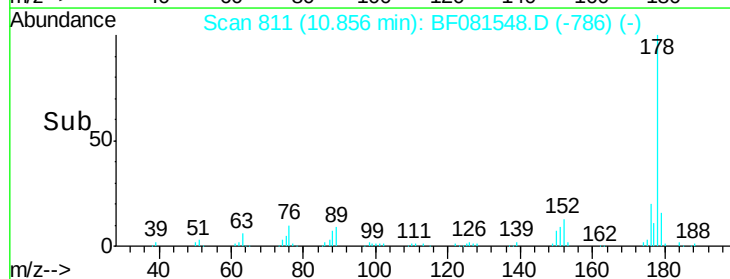
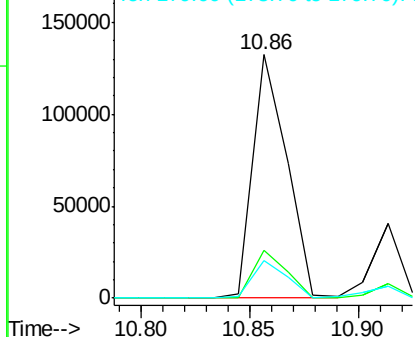


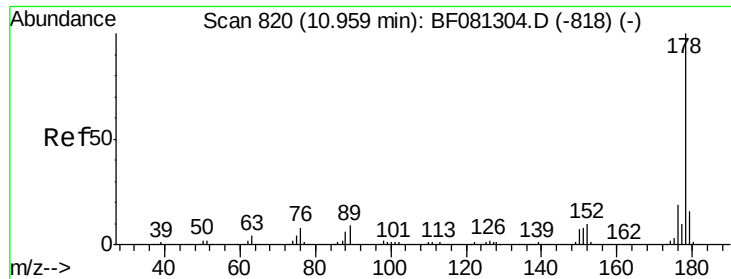
#70
 Phenanthrene
 Concen: 18.54 ng
 RT: 10.86 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF081548.D
 Acq: 9 Sep 2015 6:13

Tgt Ion:178 Resp: 144144
 Ion Ratio Lower Upper
 178 100
 176 19.5 13.8 20.8
 179 15.5 12.2 18.2



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

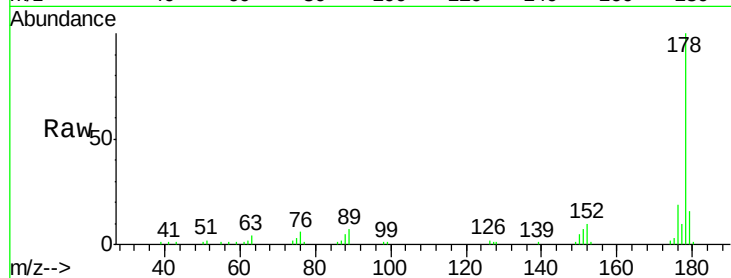




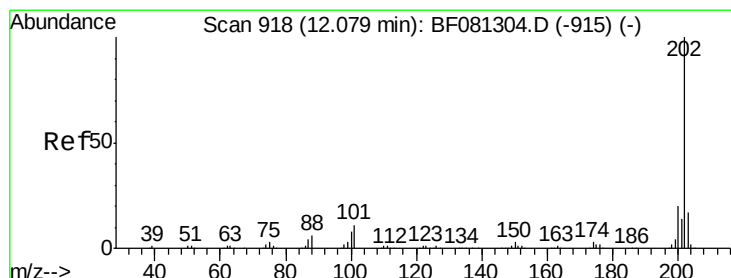
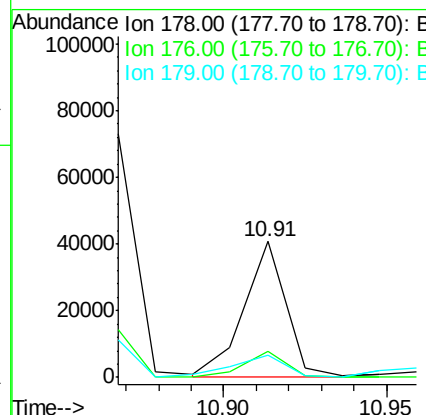
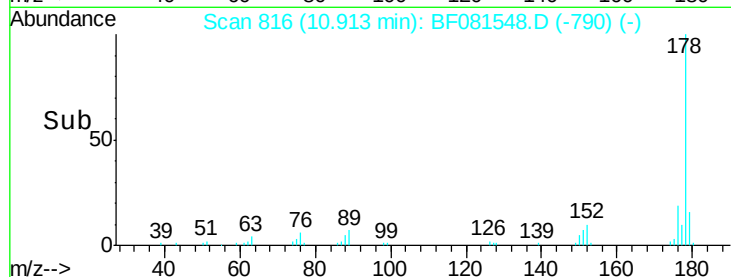
#71
 Anthracene
 Concen: 4.56 ng
 RT: 10.91 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF081548.D
 Acq: 9 Sep 2015 6:13

Instrument :
 BNA_F
 ClientSampleId :
 MGP212BR-10-13

Tot Ion:178 Resp: 36389
 Ion Ratio Lower Upper
 178 100
 176 19.4 14.1 21.1
 179 16.3 12.2 18.2

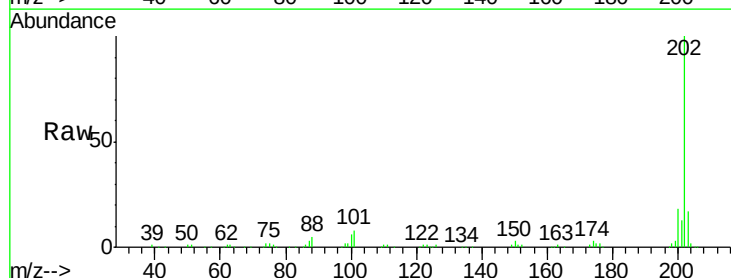


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

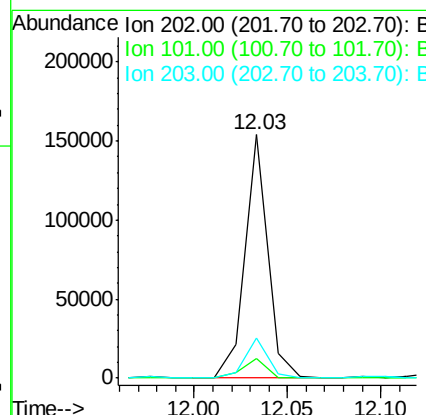
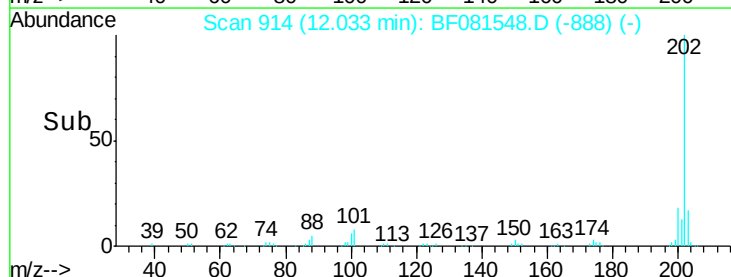


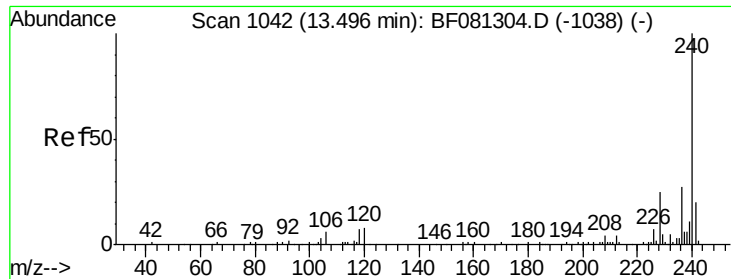
#74
 Fluoranthene
 Concen: 15.67 ng
 RT: 12.03 min Scan# 914
 Delta R.T. -0.00 min
 Lab File: BF081548.D
 Acq: 9 Sep 2015 6:13

Tgt Ion:202 Resp: 131828
 Ion Ratio Lower Upper
 202 100
 101 7.9 0.0 38.3
 203 16.6 0.0 37.3



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: 20.00 ng

RT: 13.44 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF081548.D

Acq: 9 Sep 2015 6:13

Instrument :

BNA_F

ClientSampleId :

MGP212BR-10-13

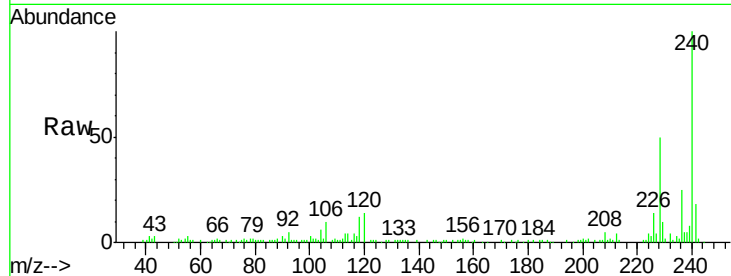
Tot Ion:240 Resp: 103008

Ion Ratio Lower Upper

240 100

120 13.6 16.2 24.2#

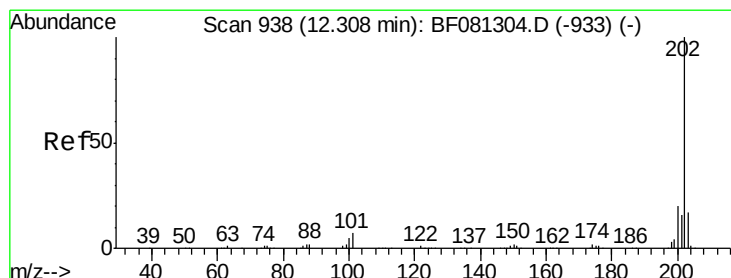
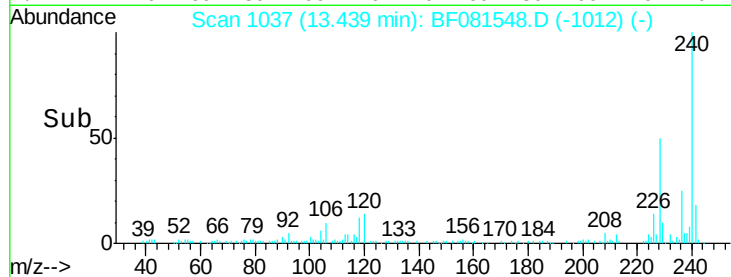
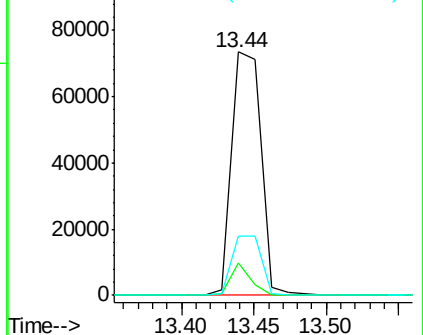
236 24.6 18.4 27.6



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: 17.28 ng

RT: 12.03 min Scan# 914

Delta R.T. -0.23 min

Lab File: BF081548.D

Acq: 9 Sep 2015 6:13

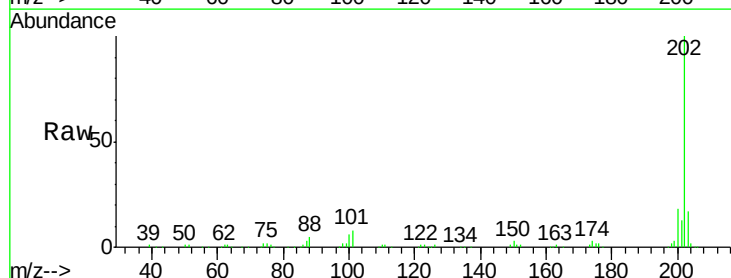
Tgt Ion:202 Resp: 131828

Ion Ratio Lower Upper

202 100

200 18.3 15.0 22.4

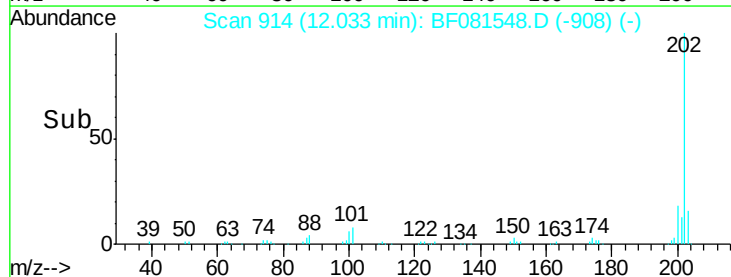
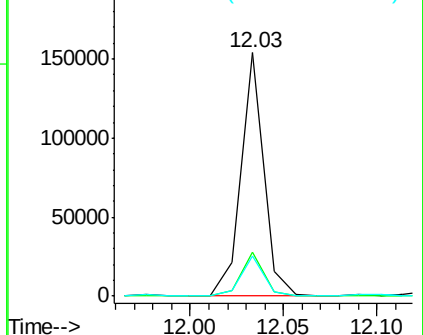
203 16.6 14.1 21.1

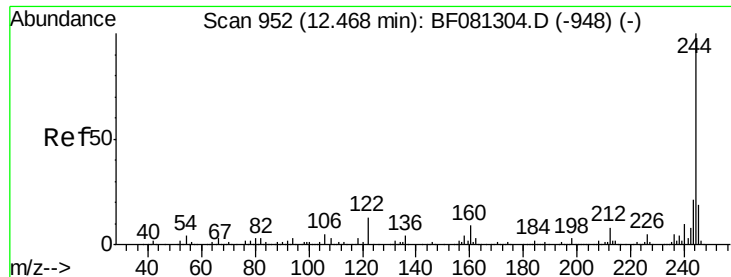


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

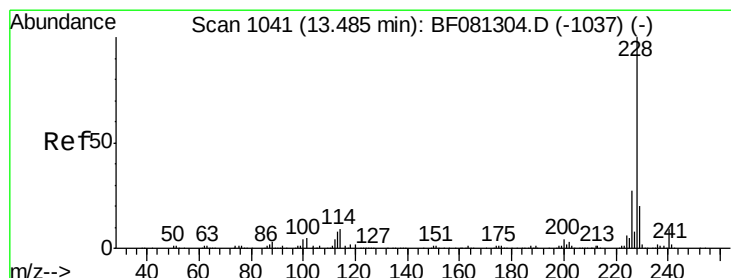
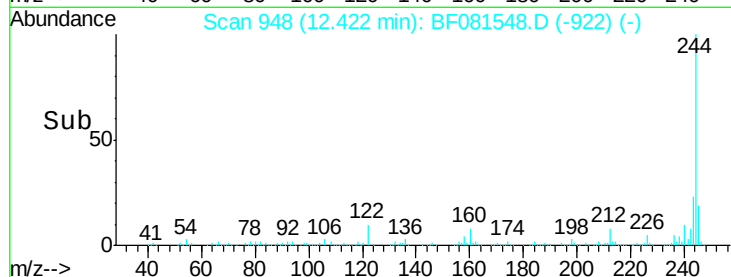
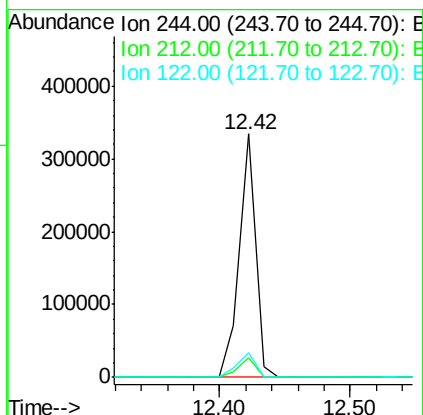
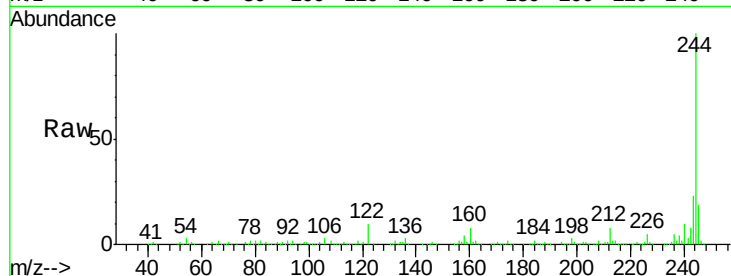




#78
 Terphenyl-d14
 Concen: 65.48 ng
 RT: 12.42 min Scan# 948
 Delta R.T. -0.00 min
 Lab File: BF081548.D
 Acq: 9 Sep 2015 6:13

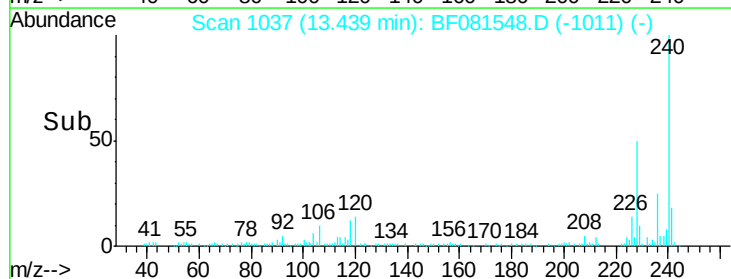
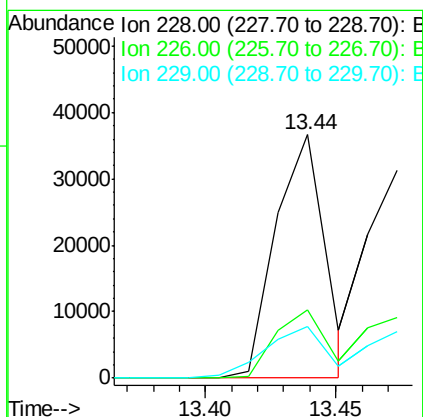
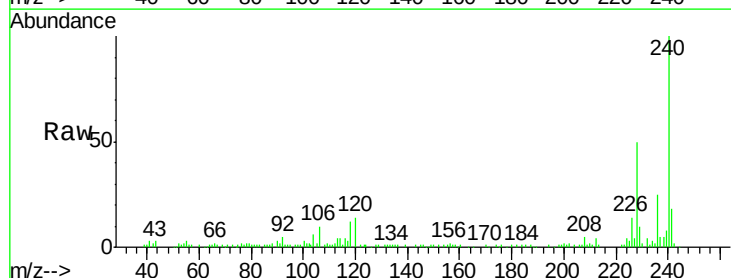
Instrument :
 BNA_F
 ClientSampleId :
 MGP212BR-10-13

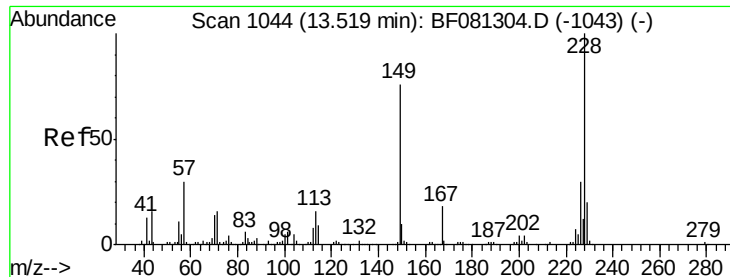
Tot Ion:244 Resp: 289755
 Ion Ratio Lower Upper
 244 100
 212 8.2 4.3 6.5#
 122 10.1 17.4 26.2#



#80
 Benzo(a)anthracene
 Concen: 7.31 ng
 RT: 13.44 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BF081548.D
 Acq: 9 Sep 2015 6:13

Tgt Ion:228 Resp: 47945
 Ion Ratio Lower Upper
 228 100
 226 28.0 20.0 30.0
 229 21.0 15.4 23.2

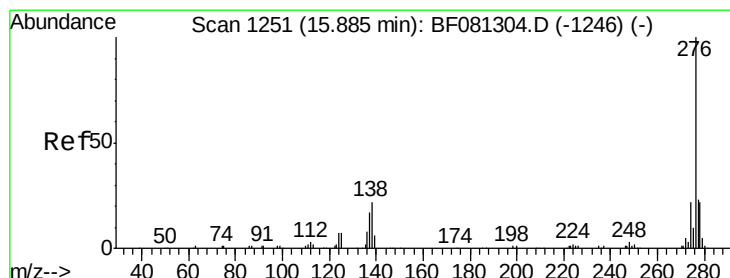
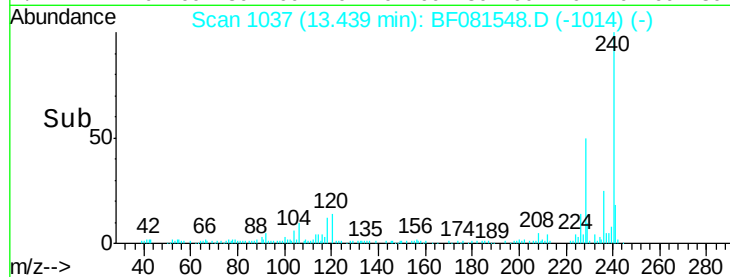
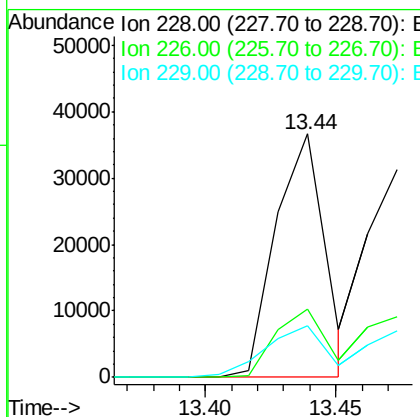
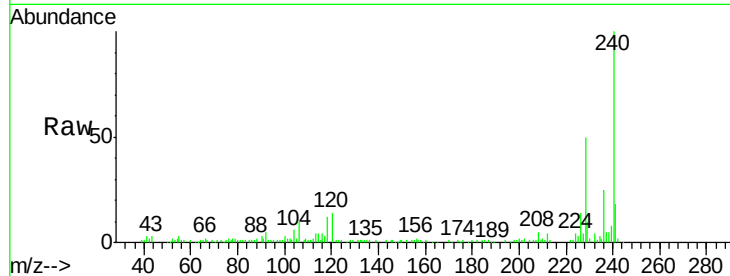




#82
Chrysene
Concen: 8.15 ng
RT: 13.44 min Scan# 1037
Delta R.T. -0.03 min
Lab File: BF081548.D
Acq: 9 Sep 2015 6:13

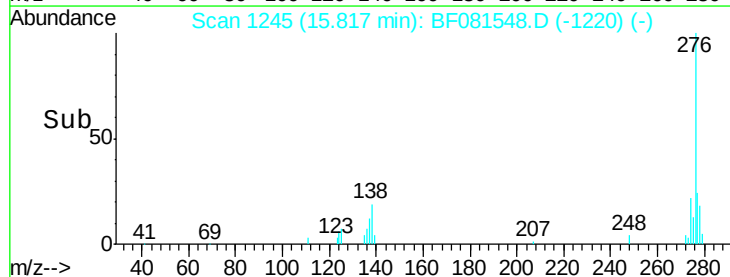
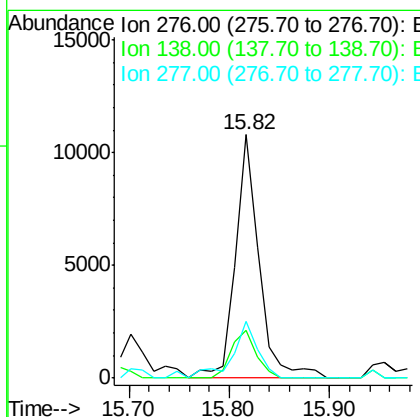
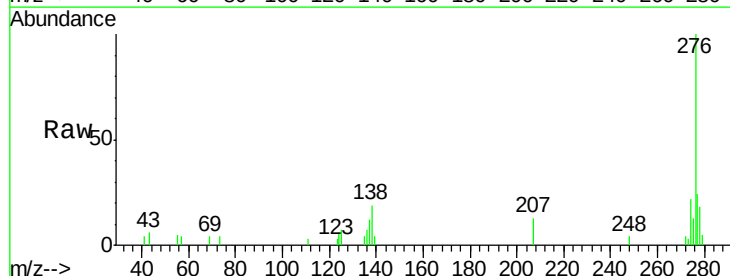
Instrument :
BNA_F
ClientSampleId :
MGP212BR-10-13

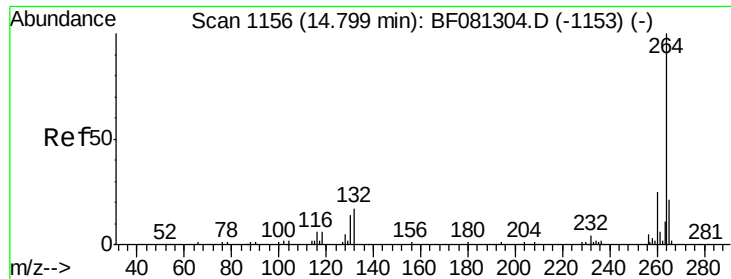
Tot Ion: 228 Resp: 47945
Ion Ratio Lower Upper
228 100
226 28.0 21.0 31.4
229 21.0 15.6 23.4



#85
Indeno(1,2,3-cd)pyrene
Concen: 4.10 ng
RT: 15.82 min Scan# 1245
Delta R.T. -0.01 min
Lab File: BF081548.D
Acq: 9 Sep 2015 6:13

Tgt Ion: 276 Resp: 17685
Ion Ratio Lower Upper
276 100
138 20.7 25.7 38.5#
277 26.2 15.6 23.4#

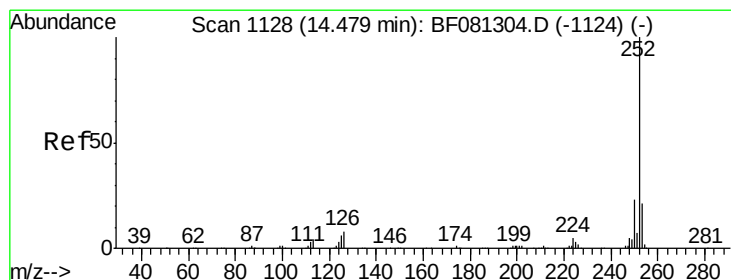
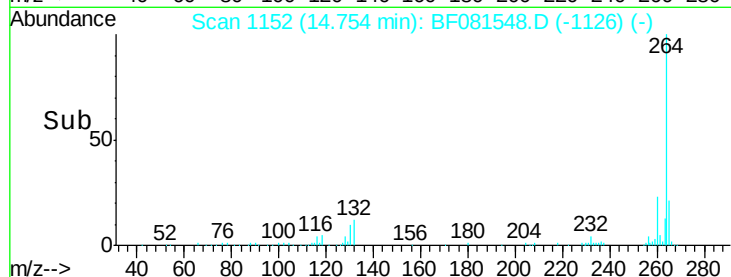
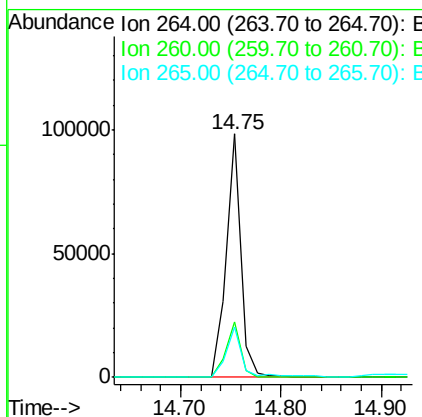
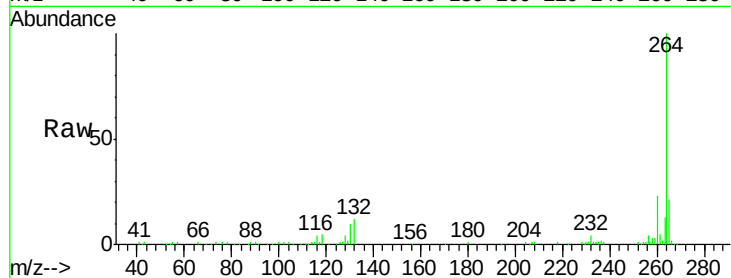




#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.75 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BF081548.D
Acq: 9 Sep 2015 6:13

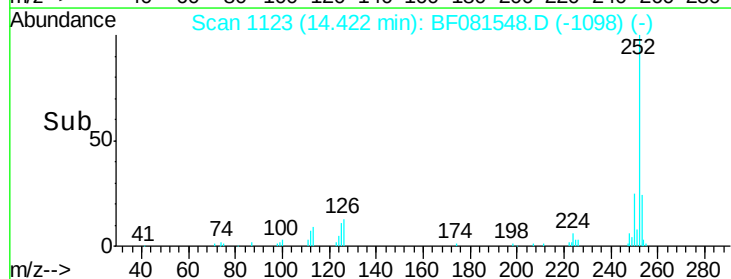
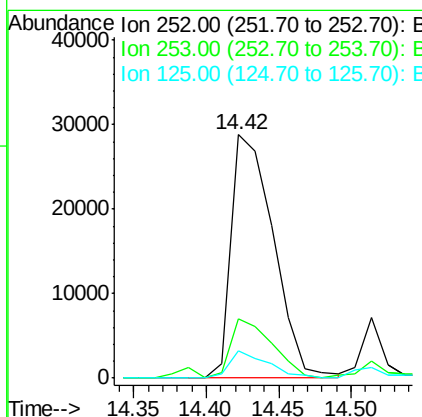
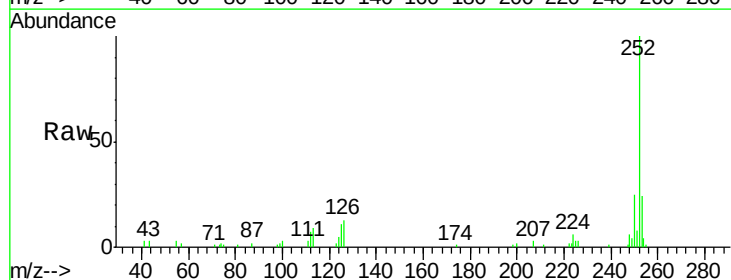
Instrument :
BNA_F
ClientSampleId :
MGP212BR-10-13

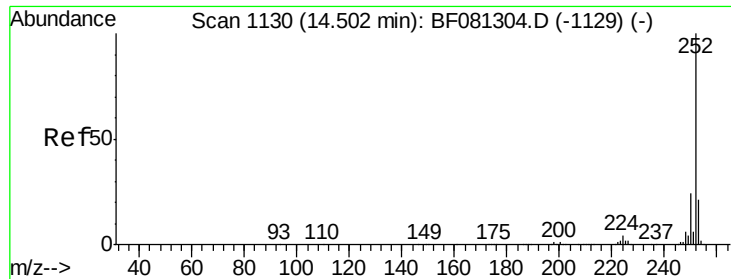
Tot Ion:264 Resp: 100209
Ion Ratio Lower Upper
264 100
260 22.9 16.7 25.1
265 20.7 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 8.12 ng
RT: 14.42 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BF081548.D
Acq: 9 Sep 2015 6:13

Tgt Ion:252 Resp: 58111
Ion Ratio Lower Upper
252 100
253 24.4 17.5 26.3
125 11.5 17.1 25.7#

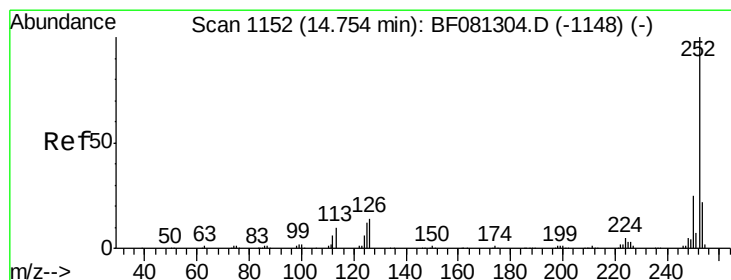
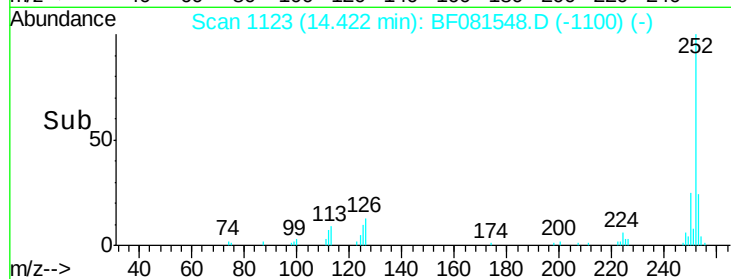
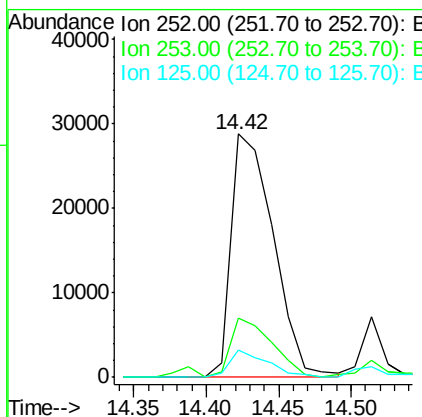
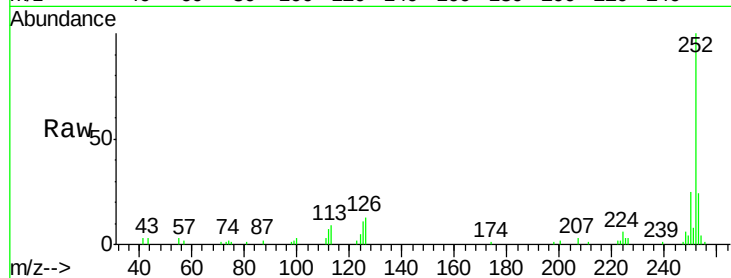




#88
 Benzo(k)fluoranthene
 Concen: 9.79 ng
 RT: 14.42 min Scan# 1123
 Delta R.T. -0.03 min
 Lab File: BF081548.D
 Acq: 9 Sep 2015 6:13

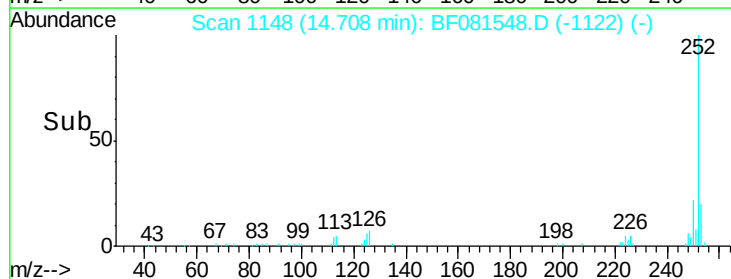
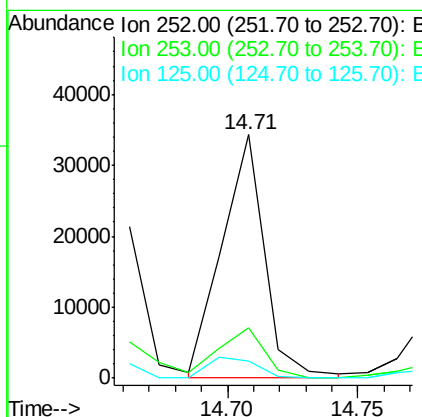
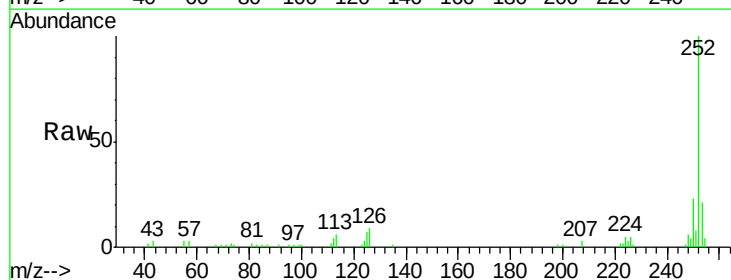
Instrument :
 BNA_F
 ClientSampleId :
 MGP212BR-10-13

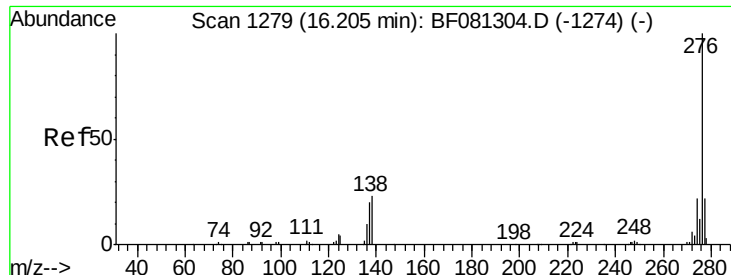
Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.0	25.4
125	11.5	16.0	24.0#



#89
 Benzo(a)pyrene
 Concen: 6.46 ng
 RT: 14.71 min Scan# 1148
 Delta R.T. -0.00 min
 Lab File: BF081548.D
 Acq: 9 Sep 2015 6:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.2	25.8
125	7.1	18.0	27.0#

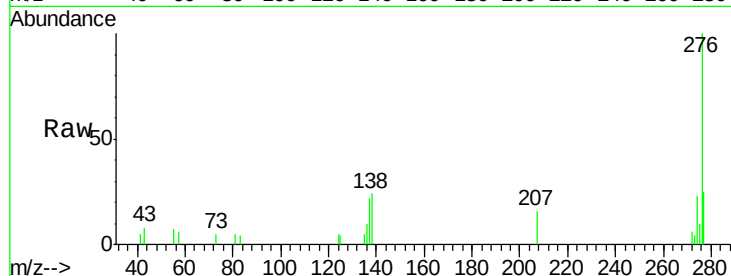




#91
 Benzo(a,h,i)perylene
 Concen: 3.54 ng
 RT: 16.13 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BF081548.D
 Acq: 9 Sep 2015 6:13

Instrument :
 BNA_F
 ClientSampleId :
 MGP212BR-10-13

Tot Ion: 276 Resp: 15837
 Ion Ratio Lower Upper
 276 100
 277 24.5 17.8 26.6
 138 24.2 34.6 51.8#



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

