

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091415\
 Data File : BF081609.D
 Acq On : 14 Sep 2015 15:47
 Operator : UM/IZ
 Sample : G3597-03 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GP-3(0-5)

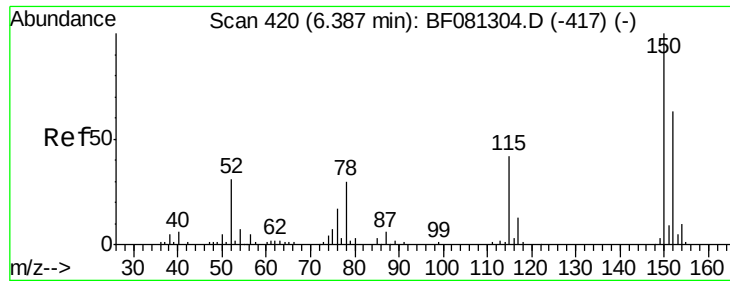
Quant Time: Sep 15 01:30:59 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 14 13:51:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	59702	20.00	ng	0.00
21) Naphthalene-d8	11.13	136	243441	20.00	ng	0.00
38) Acenaphthene-d10	15.26	164	107401	20.00	ng	-0.01
63) Phenanthrene-d10	18.79	188	180087	20.00	ng	0.02
75) Chrysene-d12	23.65	240	7386	20.00	ng	0.25
86) Perylene-d12	24.85	264	99973	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	44836	11.65	ng	0.00
7) Phenol-d6	7.65	99	73114	14.35	ng	-0.01
23) Nitrobenzene-d5	9.51	82	47378	9.39	ng	-0.03
41) 2,4,6-Tribromophenol	17.17	330	12482	13.05	ng	-0.01
44) 2-Fluorobiphenyl	13.76	172	92596	11.05	ng	-0.02
78) Terphenyl-d14	22.47	244	2830	8.92	ng	0.35

Target Compounds						Qvalue
2) 1,4-Dioxane	1.54	88	89970	52.06	ng	# 17
31) Naphthalene	11.18	128	524813	40.42	ng	98
32) Benzoic acid	11.19	122	942	2.86	ng	# 1
33) 4-Chloroaniline	11.18	127	65901	12.44	ng	# 34
37) 2-Methylnaphthalene	12.84	142	211401	25.02	ng	# 89
45) 1,1'-Biphenyl	13.98	154	59535	6.03	ng	97
48) Acenaphthylene	14.92	152	96430	7.62	ng	98
49) Dimethylphthalate	14.82	163	24183	2.90	ng	# 97
51) Acenaphthene	15.34	154	234820	32.61	ng	# 85
54) Dibenzofuran	15.77	168	322370	30.66	ng	# 88
55) 4-Nitrophenol	15.76	139	135895	100.33	ng	# 28
57) Fluorene	16.58	166	390615	48.95	ng	96
70) Phenanthrene	18.89	178	3836217	383.17	ng	96
71) Anthracene	18.98	178	907293	88.21	ng	97
72) Carbazole	19.43	167	236695	24.52	ng	# 95
74) Fluoranthene	21.49	202	2894551	267.07	ng	92
77) Pyrene	21.83	202	2676037	4891.19	ng	# 91
79) Butylbenzylphthalate	22.97	149	2703	11.36	ng	92
80) Benzo(a)anthracene	23.41	228	1081326	2298.90	ng	94
81) 3,3'-Dichlorobenzidine	23.57	252	4483	28.26	ng	# 1
82) Chrysene	23.41	228	565923	1342.19	ng	96
83) Bis(2-ethylhexyl)phthalate	23.68	149	1526	4.86	ng	# 1
85) Indeno(1,2,3-cd)pyrene	26.23	276	251698	813.64	ng	# 80
87) Benzo(b)fluoranthene	24.52	252	1307880	183.24	ng	# 87
88) Benzo(k)fluoranthene	24.52	252	1307880	220.84	ng	# 88
89) Benzo(a)pyrene	24.81	252	742349	122.74	ng	# 84
90) Dibenzo(a,h)anthracene	25.92	278	100975	21.61	ng	# 73
91) Benzo(g,h,i)perylene	26.23	276	251698	56.43	ng	# 69

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.23 min Scan# 603

Delta R.T. 0.00 min

Lab File: BF081609.D

Acq: 14 Sep 2015 15:47

Instrument :

BNA_F

ClientSampleId :

GP-3(0-5)

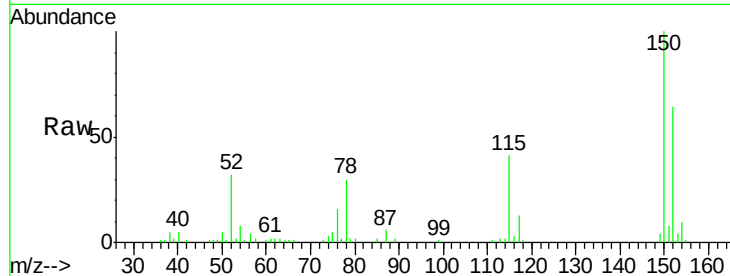
Tgt Ion:152 Resp: 59702

Ion Ratio Lower Upper

152 100

150 155.3 124.7 187.1

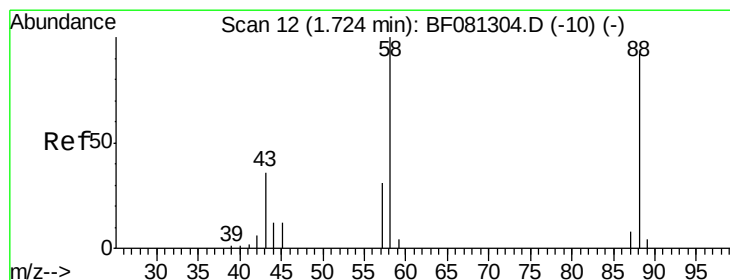
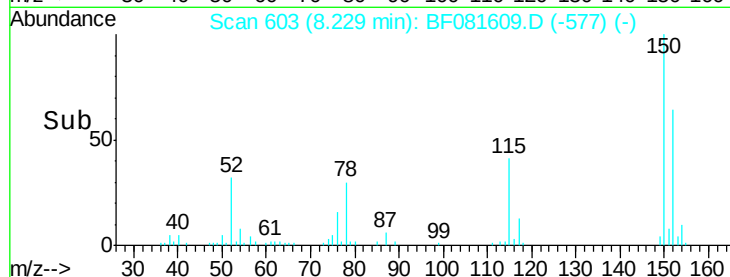
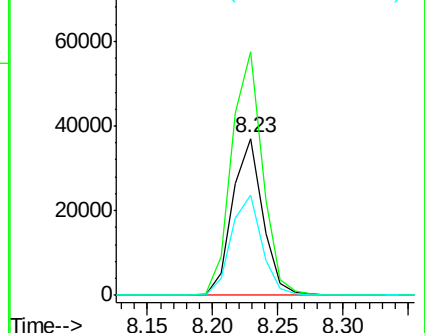
115 64.1 39.0 58.4#



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



#2

1,4-Dioxane

Concen: 52.06 ng

RT: 1.54 min Scan# 18

Delta R.T. -0.02 min

Lab File: BF081609.D

Acq: 14 Sep 2015 15:47

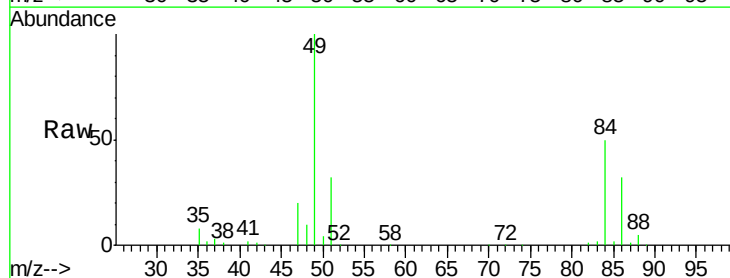
Tgt Ion: 88 Resp: 89970

Ion Ratio Lower Upper

88 100

58 0.0 77.7 116.5#

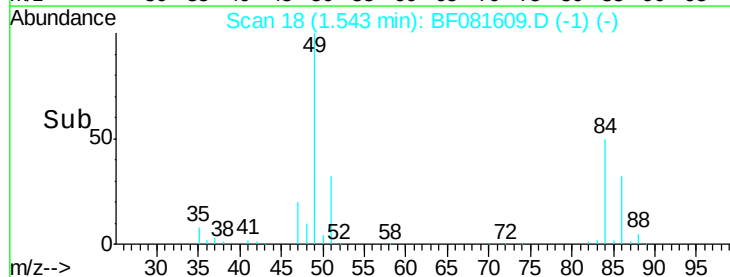
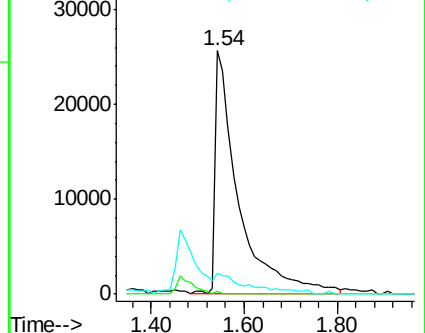
43 11.9 26.6 40.0#

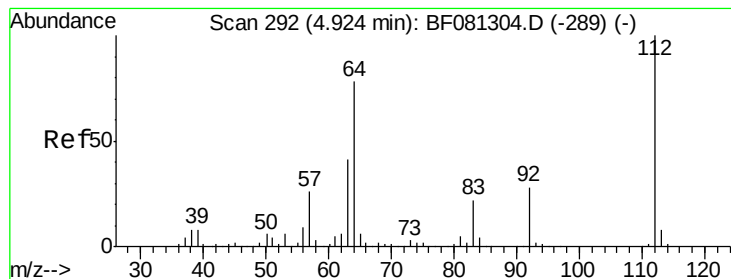


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 11.65 ng

RT: 5.37 min Scan# 353

Delta R.T. 0.00 min

Lab File: BF081609.D

Acq: 14 Sep 2015 15:47

Instrument :

BNA_F

ClientSampleId :

GP-3(0-5)

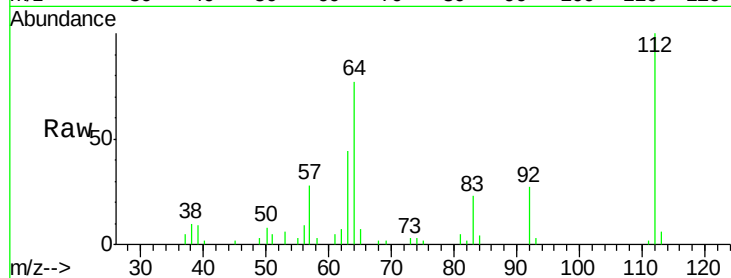
Tgt Ion: 112 Resp: 44836

Ion Ratio Lower Upper

112 100

64 77.0 39.7 59.5#

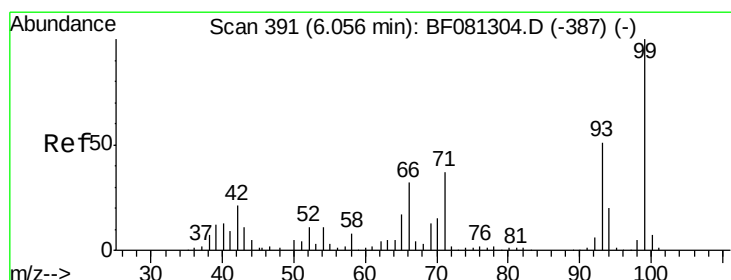
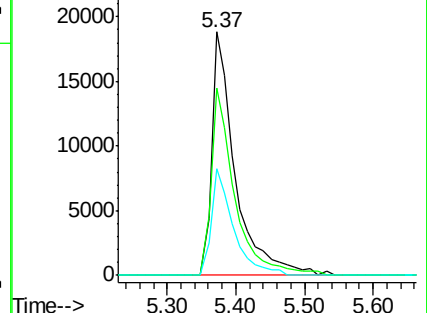
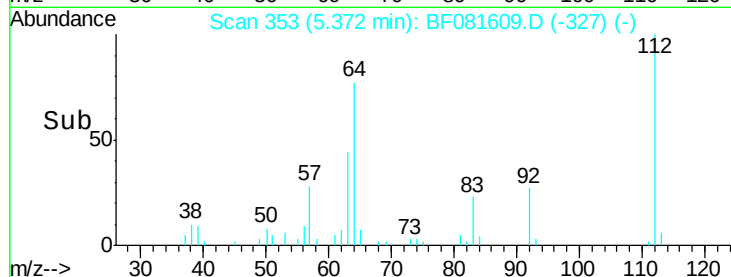
63 43.7 17.4 26.0#



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



#7

Phenol-d6

Concen: 14.35 ng

RT: 7.65 min Scan# 552

Delta R.T. -0.01 min

Lab File: BF081609.D

Acq: 14 Sep 2015 15:47

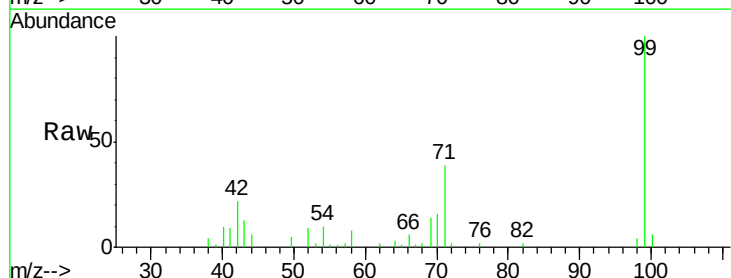
Tgt Ion: 99 Resp: 73114

Ion Ratio Lower Upper

99 100

42 22.1 13.7 20.5#

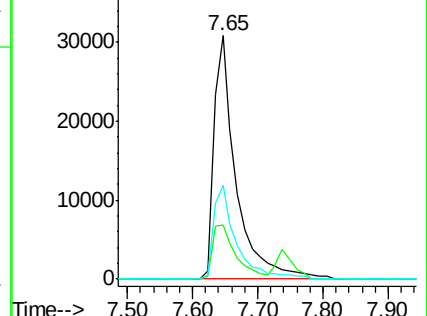
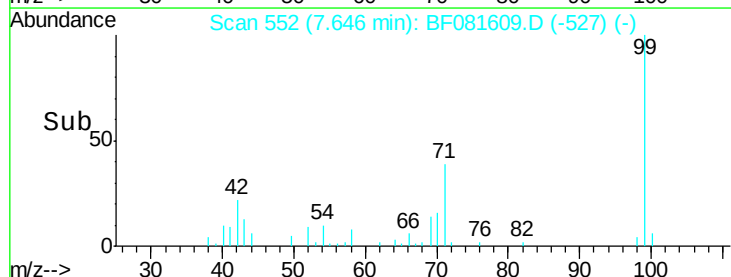
71 38.8 14.2 21.2#

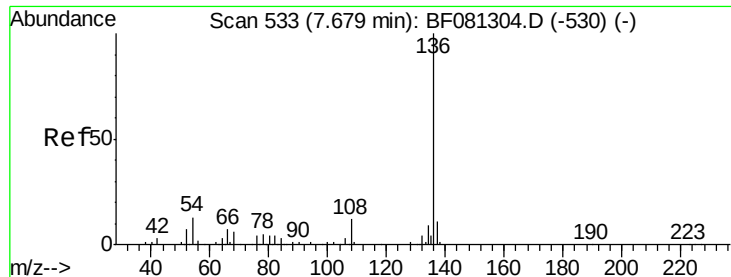


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF081609.D

Acq: 14 Sep 2015 15:47

Instrument :

BNA_F

ClientSampleId :

GP-3(0-5)

Tgt Ion: 136 Resp: 243441

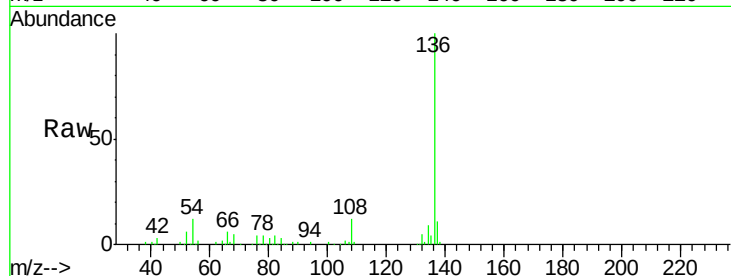
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 11.7 8.2 12.2

68 4.8 5.8 8.6#

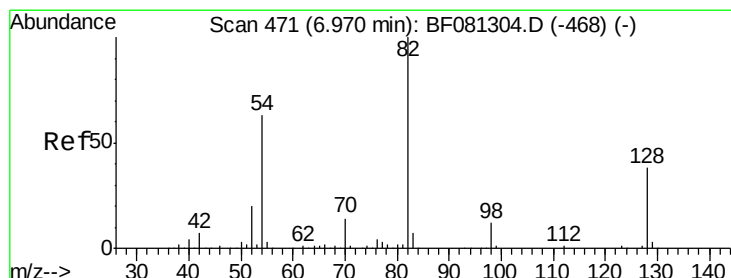
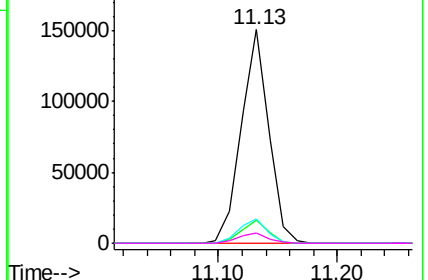
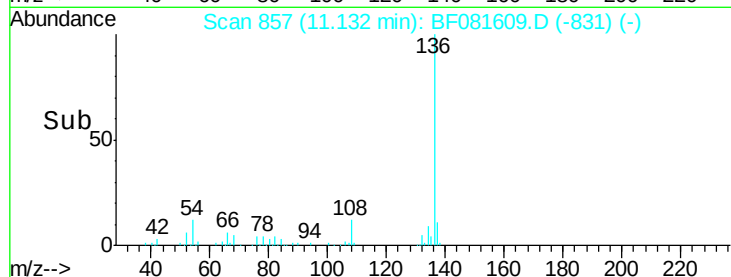


Abundance Ion 136.00 (135.70 to 136.70): E

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: 9.39 ng

RT: 9.51 min Scan# 715

Delta R.T. -0.03 min

Lab File: BF081609.D

Acq: 14 Sep 2015 15:47

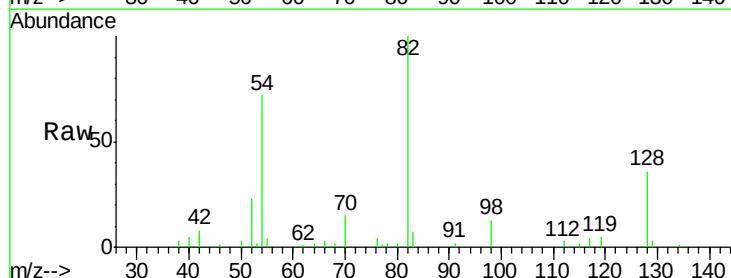
Tgt Ion: 82 Resp: 47378

Ion Ratio Lower Upper

82 100

128 36.3 51.0 76.6#

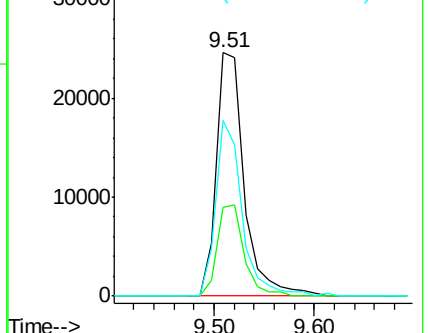
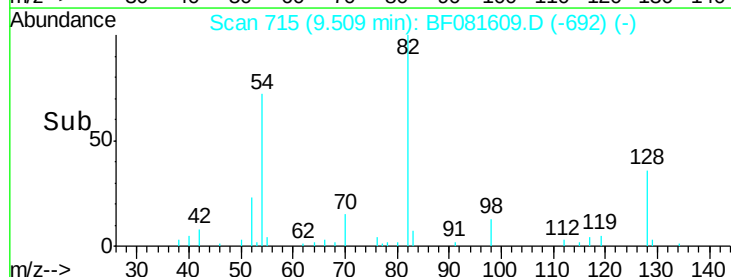
54 72.3 47.5 71.3#

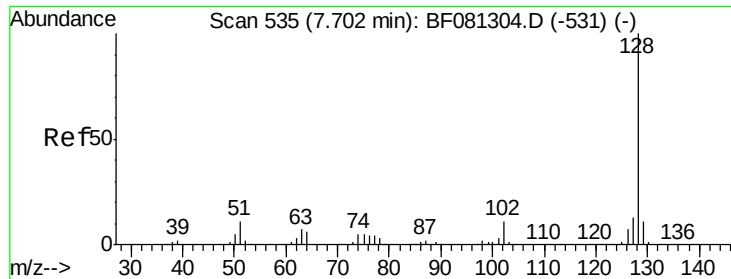


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

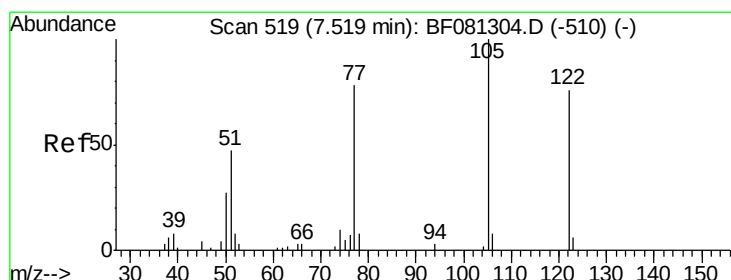
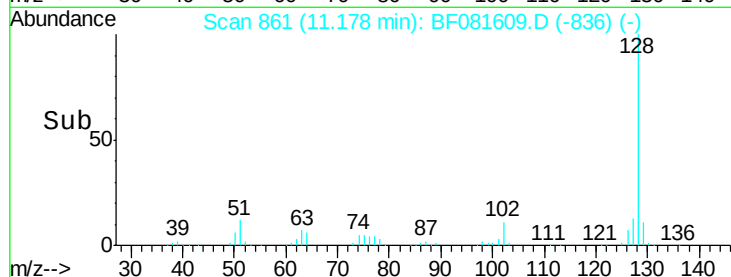
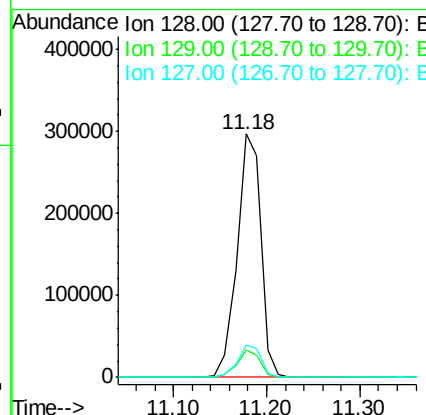
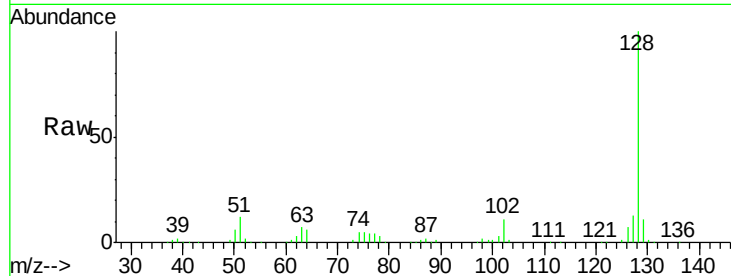




#31
Naphthalene
Concen: 40.42 ng
RT: 11.18 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF081609.D
Acq: 14 Sep 2015 15:47

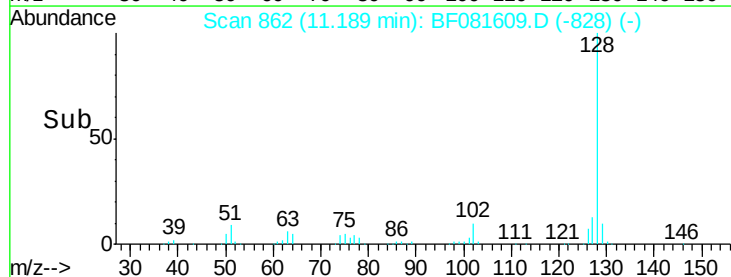
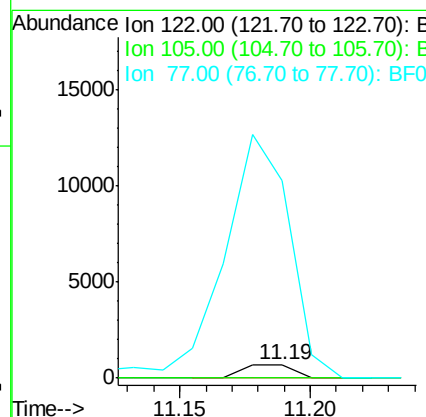
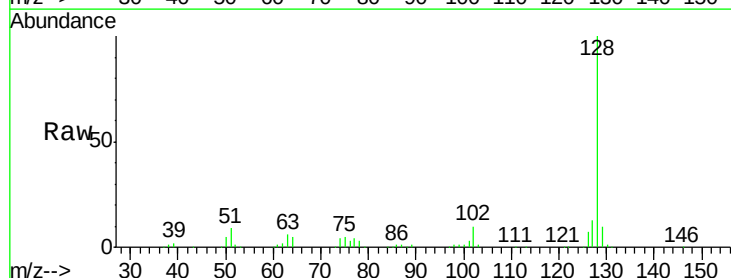
Instrument :
BNA_F
ClientSampleId :
GP-3(0-5)

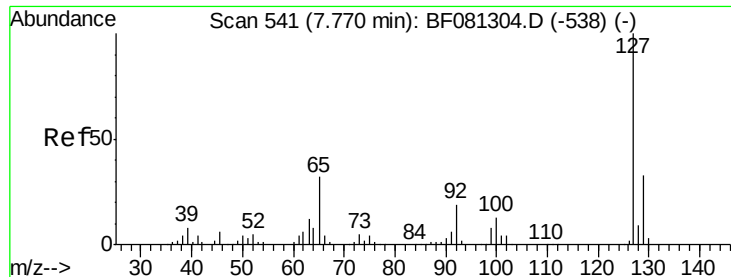
Tgt Ion:128 Resp: 524813
Ion Ratio Lower Upper
128 100
129 11.1 8.4 12.6
127 13.1 9.9 14.9



#32
Benzoic acid
Concen: 2.86 ng
RT: 11.19 min Scan# 862
Delta R.T. 0.09 min
Lab File: BF081609.D
Acq: 14 Sep 2015 15:47

Tgt Ion:122 Resp: 942
Ion Ratio Lower Upper
122 100
105 0.0 76.1 116.1#
77 1459.8 40.5 80.5#

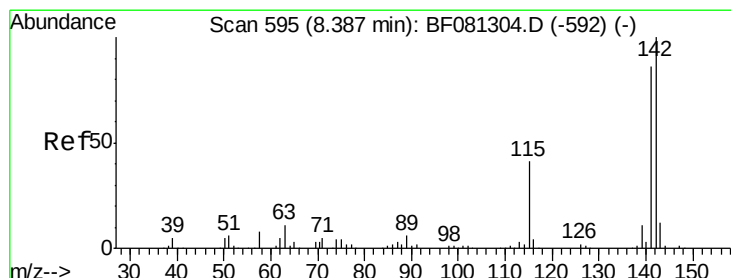
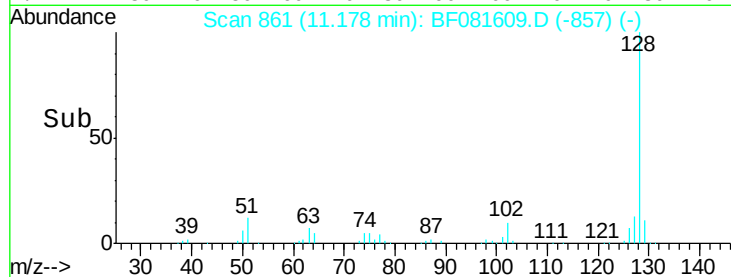
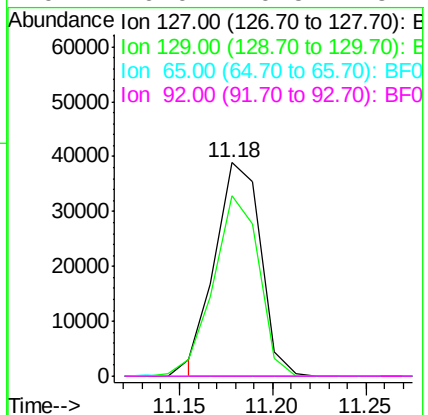
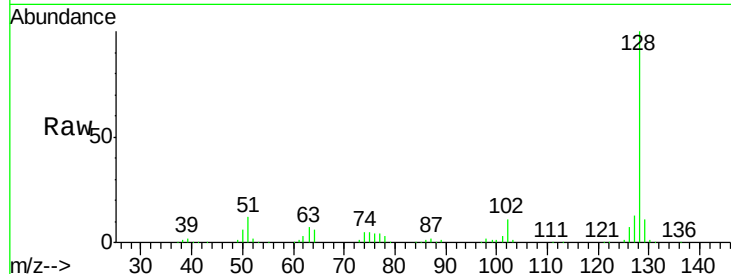




#33
4-Chloroaniline
Concen: 12.44 ng
RT: 11.18 min Scan# 861
Delta R.T. -0.25 min
Lab File: BF081609.D
Acq: 14 Sep 2015 15:47

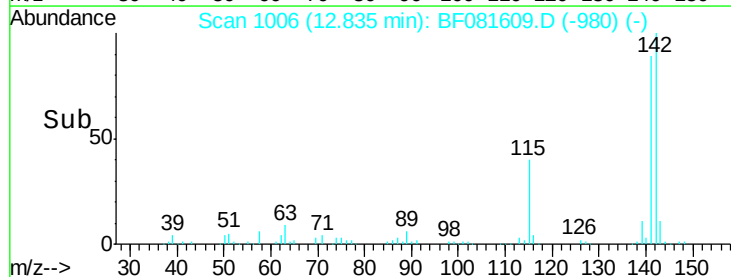
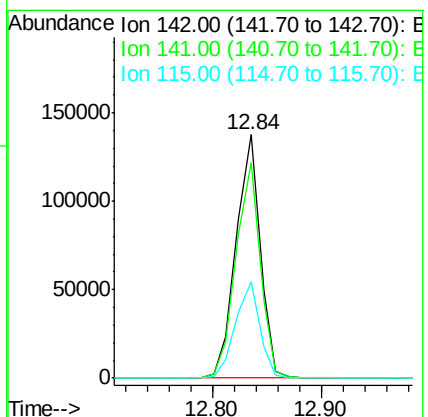
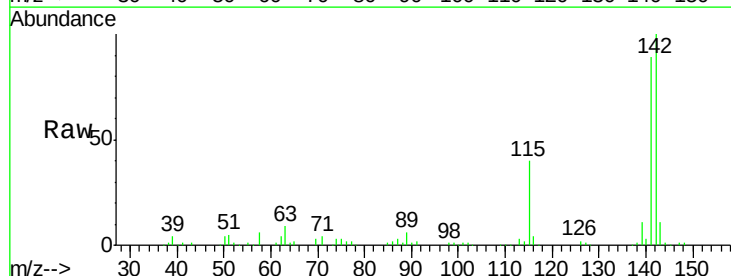
Instrument :
BNA_F
ClientSampleId :
GP-3(0-5)

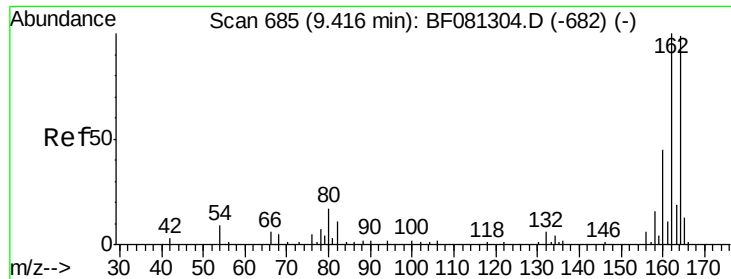
Tgt Ion:127 Resp: 65901
Ion Ratio Lower Upper
127 100
129 84.6 25.8 38.6#
65 0.0 17.9 26.9#
92 0.0 10.5 15.7#



#37
2-Methylnaphthalene
Concen: 25.02 ng
RT: 12.84 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BF081609.D
Acq: 14 Sep 2015 15:47

Tgt Ion:142 Resp: 211401
Ion Ratio Lower Upper
142 100
141 88.7 67.5 101.3
115 39.8 18.2 27.2#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.26 min Scan# 1218

Delta R.T. -0.01 min

Lab File: BF081609.D

Acq: 14 Sep 2015 15:47

Instrument :

BNA_F

ClientSampleId :

GP-3(0-5)

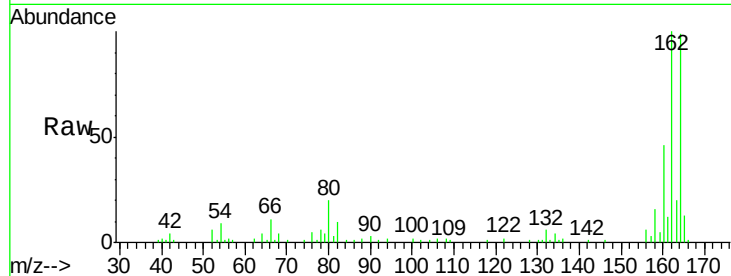
Tgt Ion:164 Resp: 107401

Ion Ratio Lower Upper

164 100

162 100.9 75.2 112.8

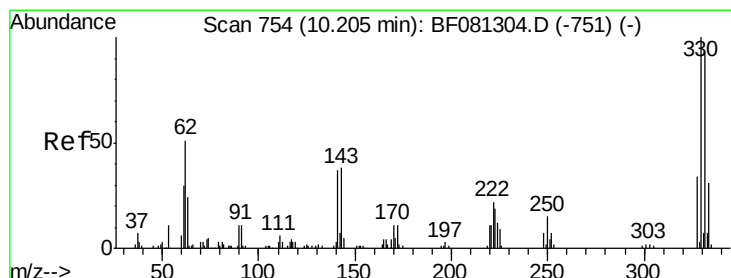
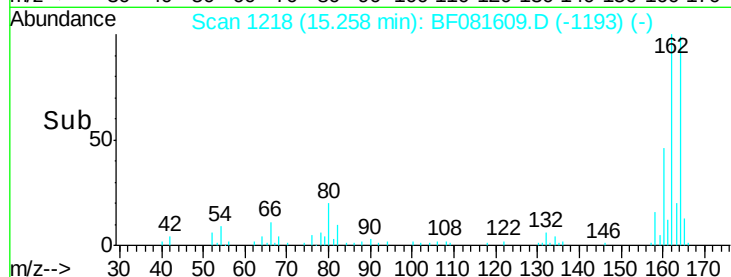
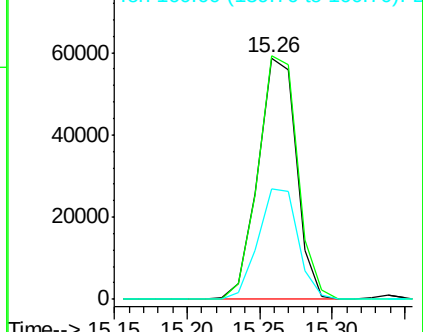
160 46.1 31.5 47.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 13.05 ng

RT: 17.17 min Scan# 1385

Delta R.T. -0.01 min

Lab File: BF081609.D

Acq: 14 Sep 2015 15:47

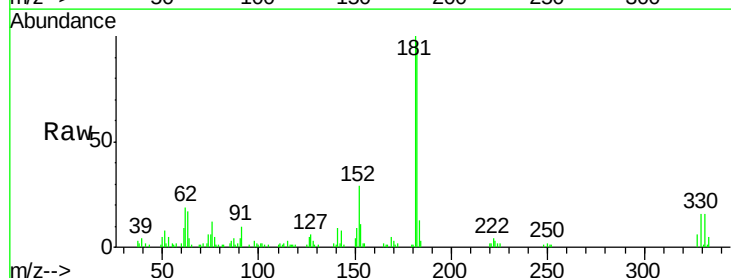
Tgt Ion:330 Resp: 12482

Ion Ratio Lower Upper

330 100

332 96.7 76.6 114.8

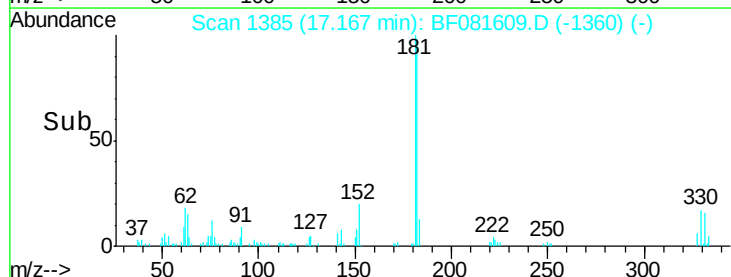
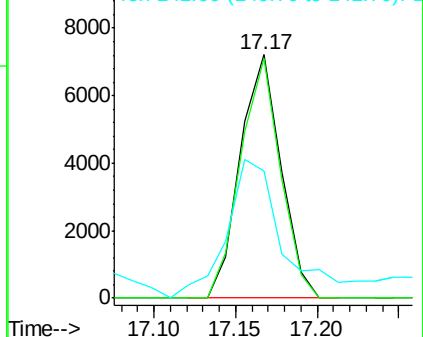
141 80.0 29.7 44.5#

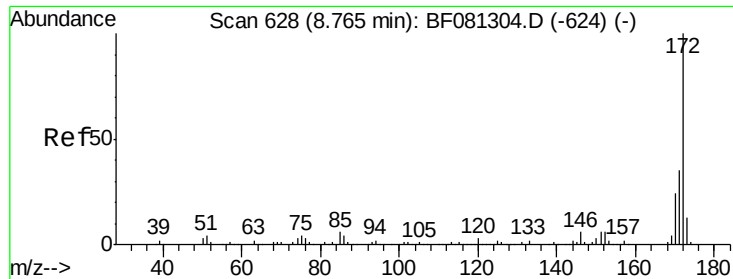


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

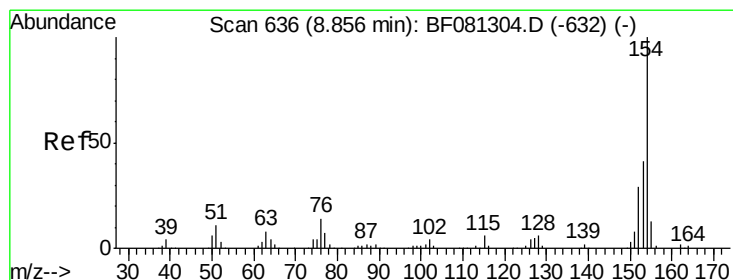
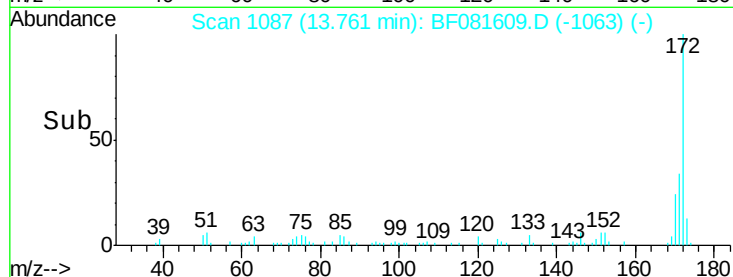
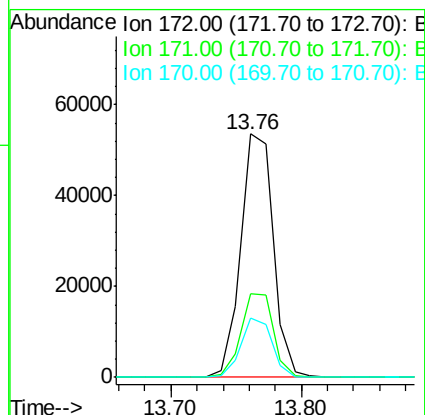
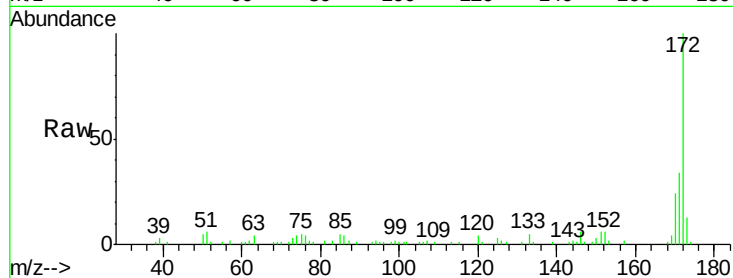




#44
 2-Fluorobiphenyl
 Concen: 11.05 ng
 RT: 13.76 min Scan# 1087
 Delta R.T. -0.02 min
 Lab File: BF081609.D
 Acq: 14 Sep 2015 15:47

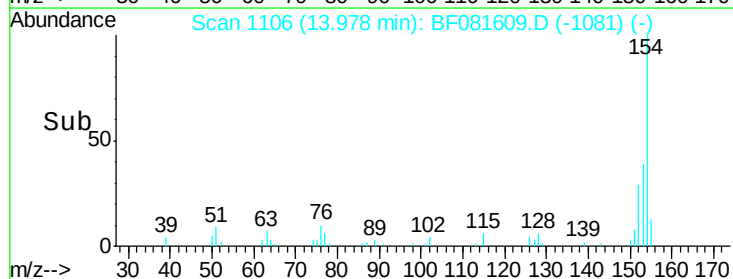
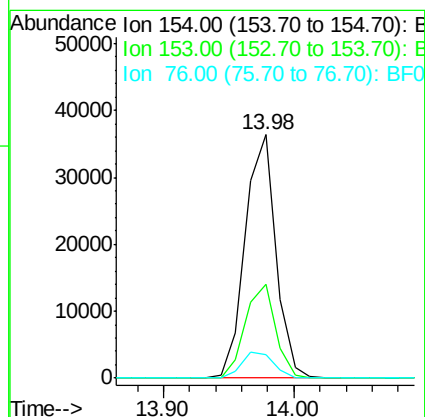
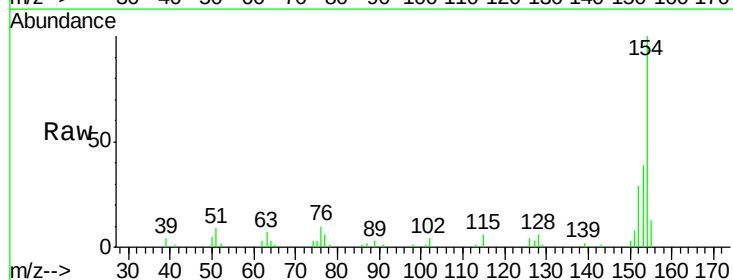
Instrument :
 BNA_F
 ClientSampleId :
 GP-3(0-5)

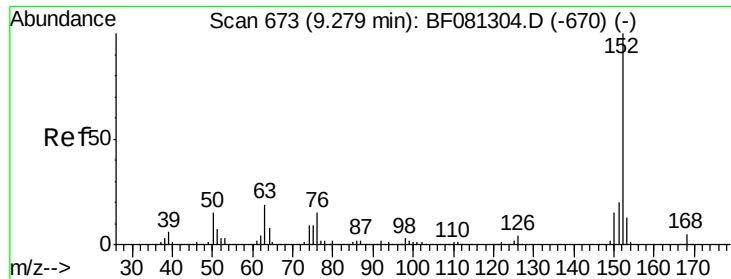
Tgt Ion:172 Resp: 92596
 Ion Ratio Lower Upper
 172 100
 171 34.4 26.1 39.1
 170 24.2 17.4 26.2



#45
 1,1'-Biphenyl
 Concen: 6.03 ng
 RT: 13.98 min Scan# 1106
 Delta R.T. -0.01 min
 Lab File: BF081609.D
 Acq: 14 Sep 2015 15:47

Tgt Ion:154 Resp: 59535
 Ion Ratio Lower Upper
 154 100
 153 38.7 17.1 57.1
 76 9.6 0.0 31.6





#48

Acenaphthylene

Concen: 7.62 ng

RT: 14.92 min Scan# 1188

Delta R.T. -0.01 min

Lab File: BF081609.D

Acq: 14 Sep 2015 15:47

Instrument :

BNA_F

ClientSampleId :

GP-3(0-5)

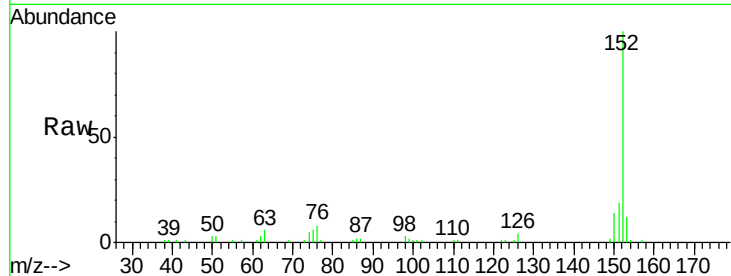
Tgt Ion:152 Resp: 96430

Ion Ratio Lower Upper

152 100

151 19.4 14.6 22.0

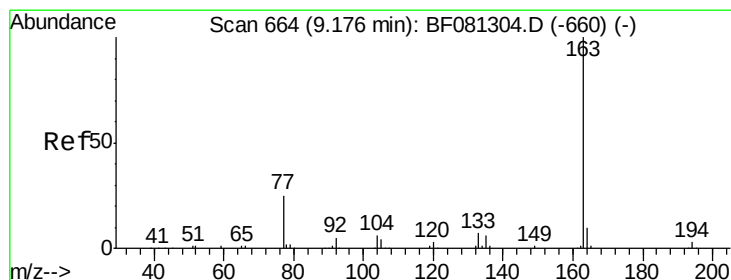
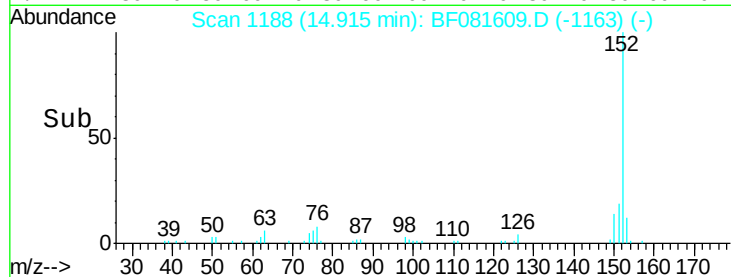
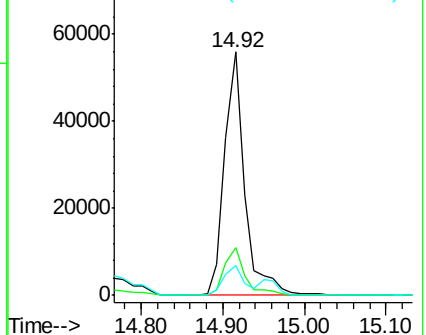
153 12.3 10.3 15.5



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



#49

Dimethylphthalate

Concen: 2.90 ng

RT: 14.82 min Scan# 1180

Delta R.T. -0.05 min

Lab File: BF081609.D

Acq: 14 Sep 2015 15:47

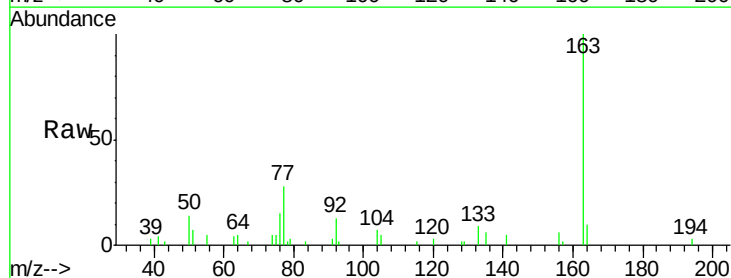
Tgt Ion:163 Resp: 24183

Ion Ratio Lower Upper

163 100

194 3.4 4.4 6.6#

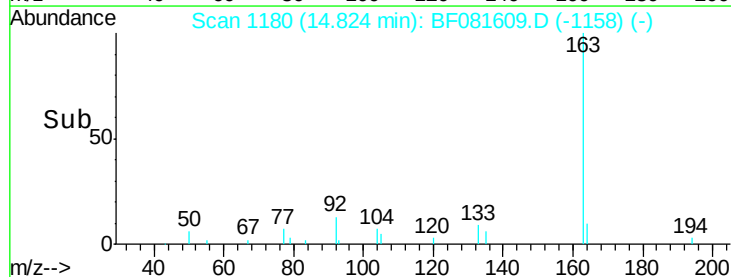
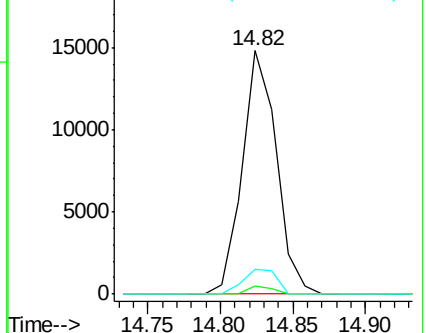
164 10.1 8.3 12.5

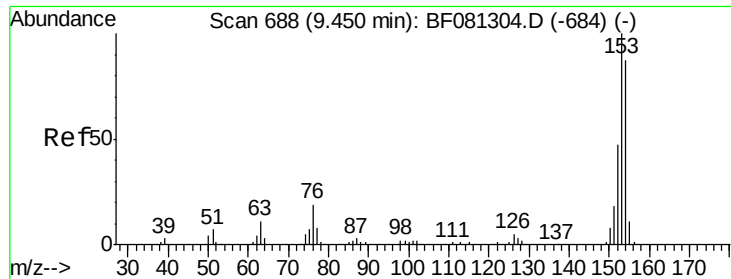


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 32.61 ng

RT: 15.34 min Scan# 1225

Delta R.T. -0.01 min

Lab File: BF081609.D

Acq: 14 Sep 2015 15:47

Instrument :

BNA_F

ClientSampleId :

GP-3(0-5)

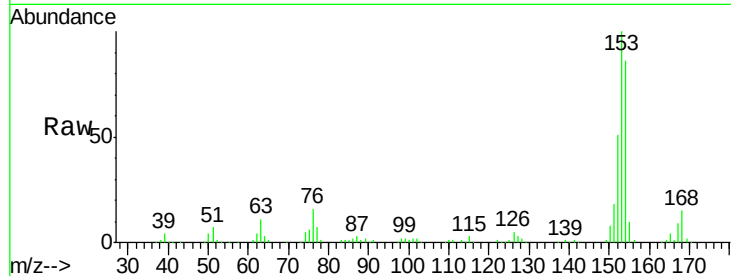
Tgt Ion:154 Resp: 234820

Ion Ratio Lower Upper

154 100

153 116.4 82.1 123.1

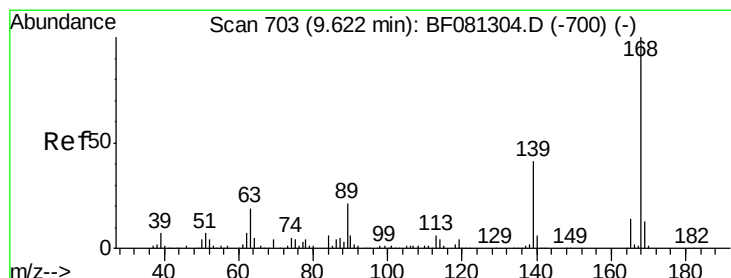
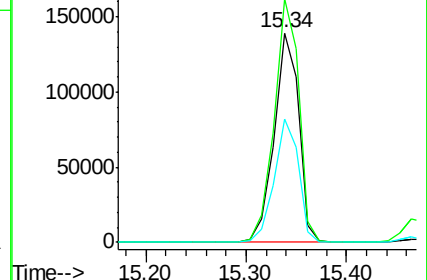
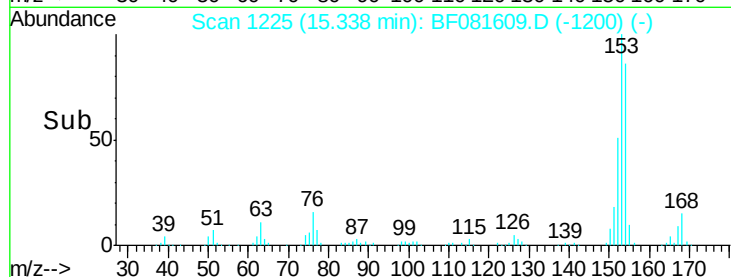
152 58.8 37.9 56.9#



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: 30.66 ng

RT: 15.77 min Scan# 1263

Delta R.T. 0.00 min

Lab File: BF081609.D

Acq: 14 Sep 2015 15:47

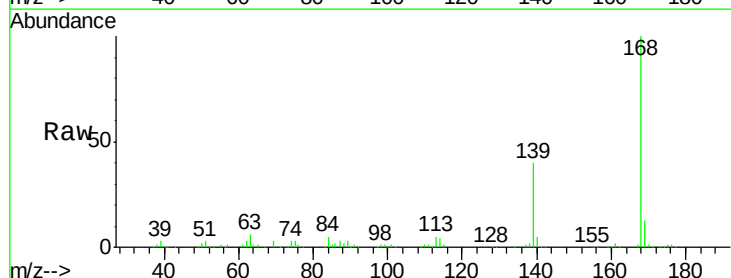
Tgt Ion:168 Resp: 322370

Ion Ratio Lower Upper

168 100

139 39.7 24.2 36.2#

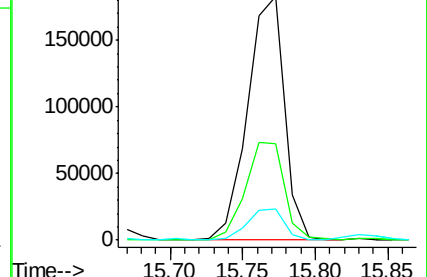
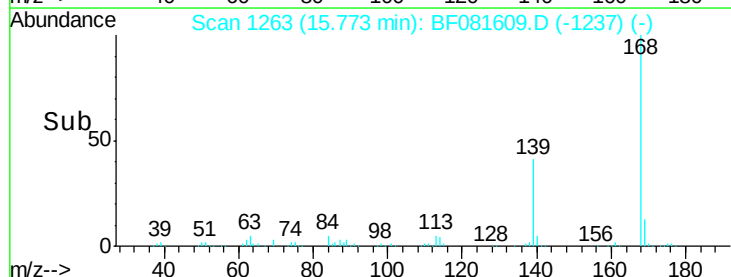
169 13.0 10.6 15.8

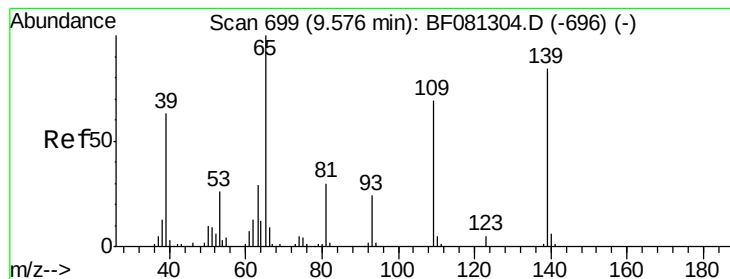


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 100.33 ng

RT: 15.76 min Scan# 1262

Delta R.T. -0.17 min

Lab File: BF081609.D

Acq: 14 Sep 2015 15:47

Instrument :

BNA_F

ClientSampleId :

GP-3(0-5)

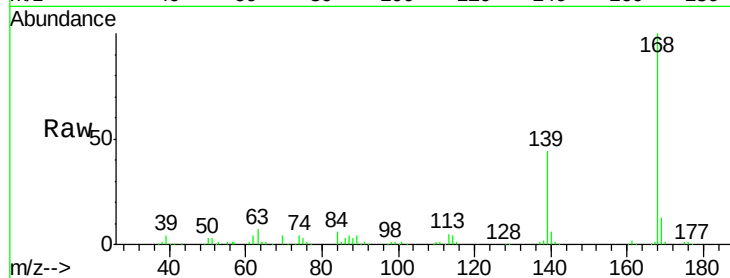
Tgt Ion:139 Resp: 135895

Ion Ratio Lower Upper

139 100

109 1.0 12.7 52.7#

65 2.3 45.9 85.9#

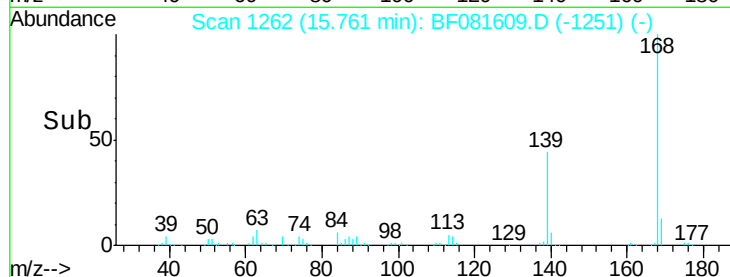


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

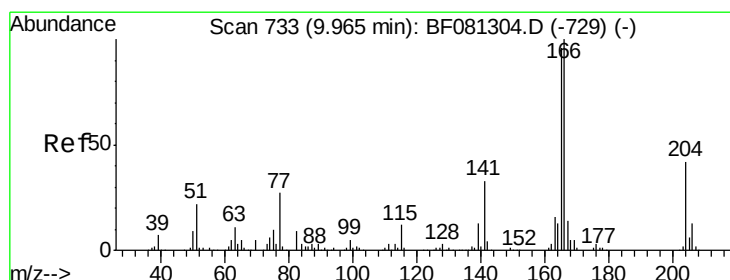
Ion 65.00 (64.70 to 65.70): E

Time-->



Abundance

Time-->



#57

Fluorene

Concen: 48.95 ng

RT: 16.58 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF081609.D

Acq: 14 Sep 2015 15:47

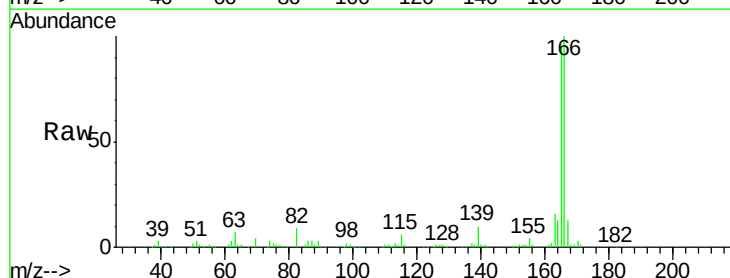
Tgt Ion:166 Resp: 390615

Ion Ratio Lower Upper

166 100

165 95.1 72.6 109.0

167 13.3 10.6 16.0

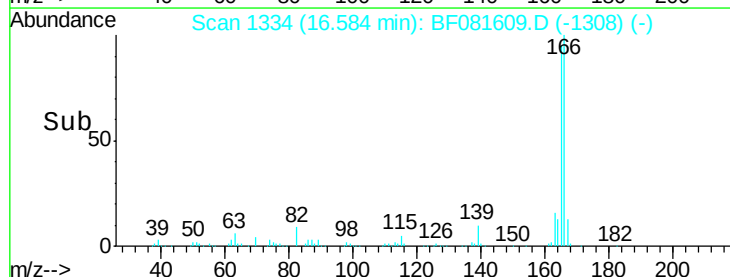


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

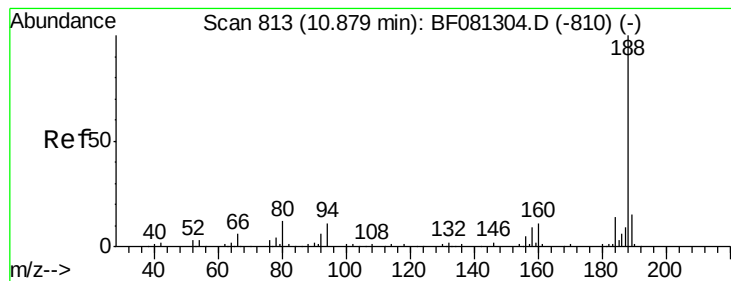
Ion 167.00 (166.70 to 167.70): E

Time-->



Abundance

Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 18.79 min Scan# 1527

Delta R.T. 0.02 min

Lab File: BF081609.D

Acq: 14 Sep 2015 15:47

Instrument :

BNA_F

ClientSampleId :

GP-3(0-5)

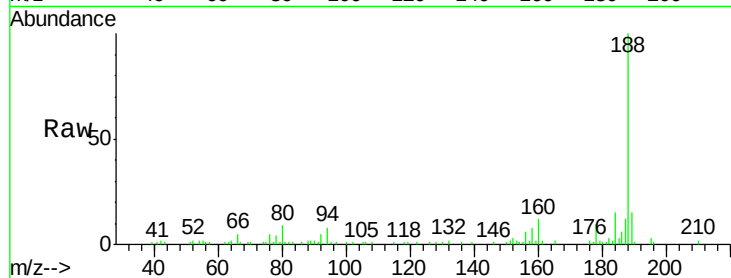
Tgt Ion:188 Resp: 180087

Ion Ratio Lower Upper

188 100

94 8.0 11.1 16.7#

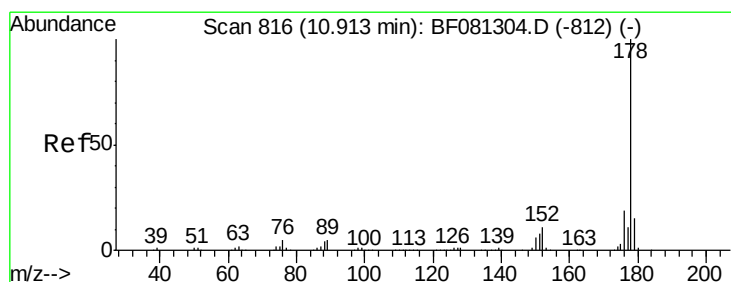
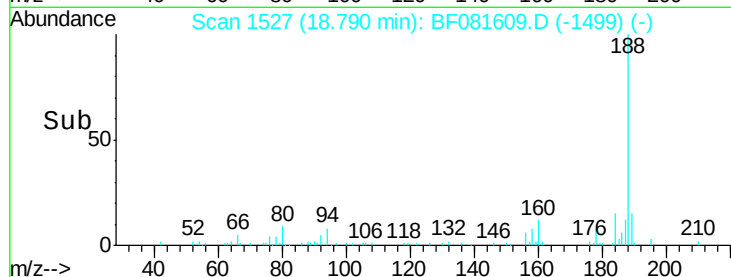
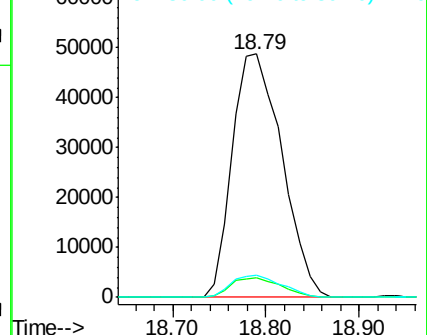
80 9.1 11.0 16.4#



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



#70

Phenanthrene

Concen: 383.17 ng

RT: 18.89 min Scan# 1536

Delta R.T. 0.06 min

Lab File: BF081609.D

Acq: 14 Sep 2015 15:47

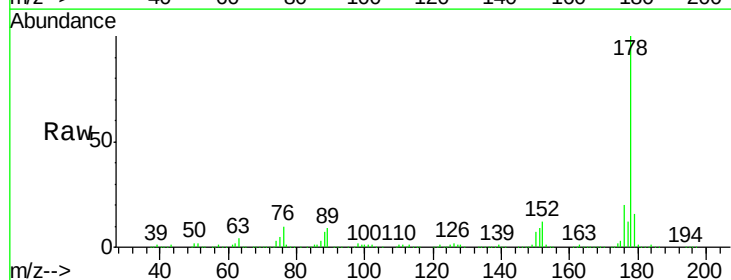
Tgt Ion:178 Resp: 3836217

Ion Ratio Lower Upper

178 100

176 20.1 13.8 20.8

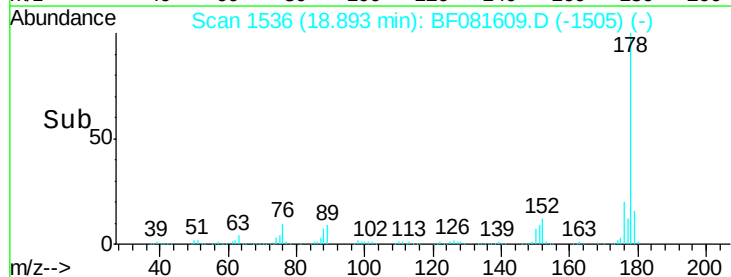
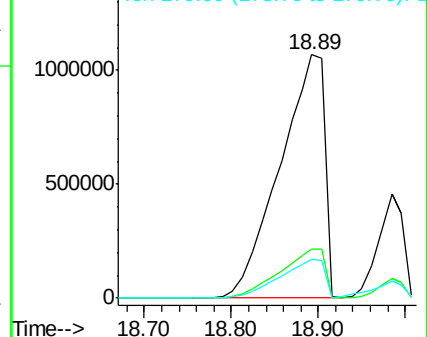
179 15.9 12.2 18.2

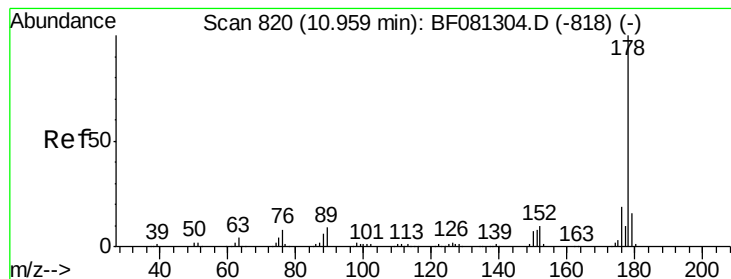


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 88.21 ng

RT: 18.98 min Scan# 1544

Delta R.T. 0.03 min

Lab File: BF081609.D

Acq: 14 Sep 2015 15:47

Instrument :

BNA_F

ClientSampleId :

GP-3(0-5)

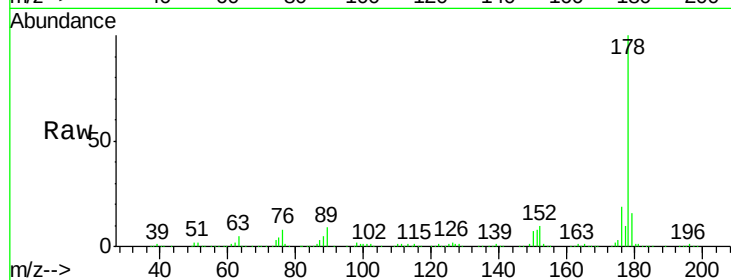
Tgt Ion:178 Resp: 907293

Ion Ratio Lower Upper

178 100

176 19.3 14.1 21.1

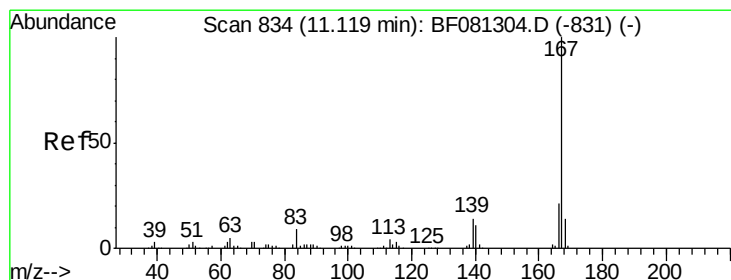
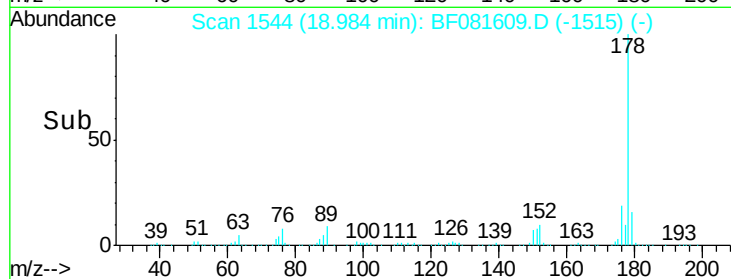
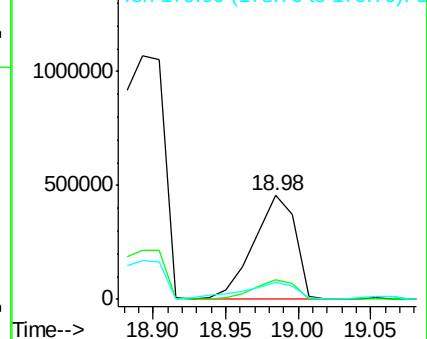
179 16.2 12.2 18.2



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



#72

Carbazole

Concen: 24.52 ng

RT: 19.43 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BF081609.D

Acq: 14 Sep 2015 15:47

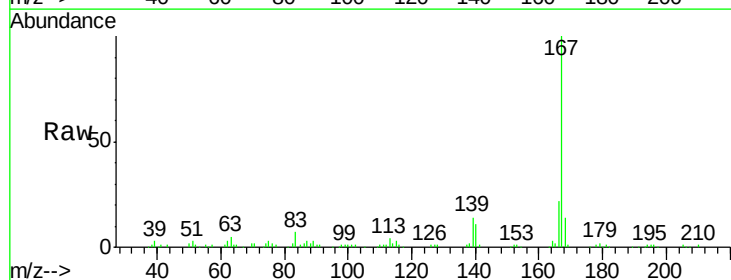
Tgt Ion:167 Resp: 236695

Ion Ratio Lower Upper

167 100

166 21.7 15.7 23.5

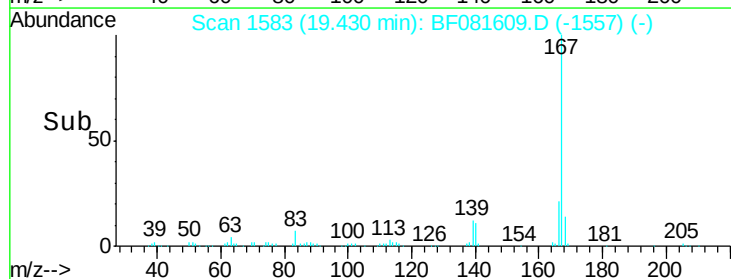
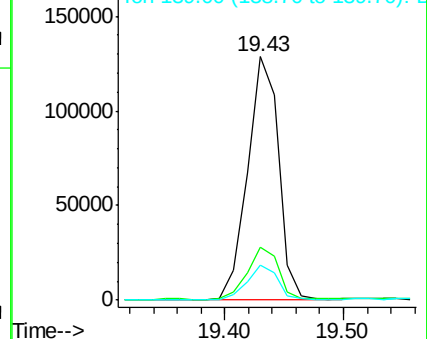
139 14.3 9.5 14.3#

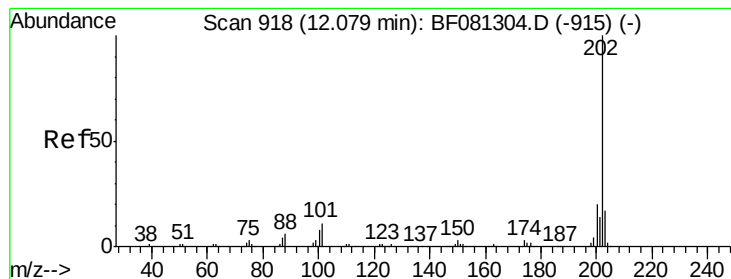


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 267.07 ng

RT: 21.49 min Scan# 1763

Delta R.T. 0.05 min

Lab File: BF081609.D

Acq: 14 Sep 2015 15:47

Instrument :

BNA_F

ClientSampleId :

GP-3(0-5)

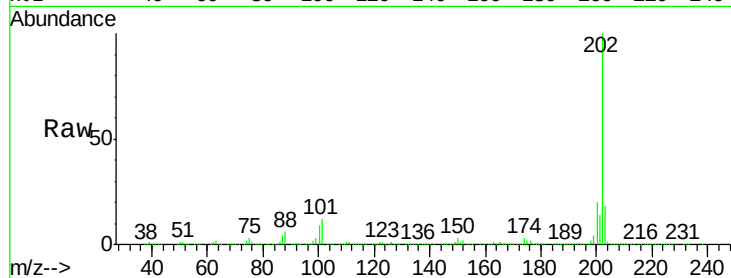
Tgt Ion:202 Resp: 2894551

Ion Ratio Lower Upper

202 100

101 11.9 0.0 38.3

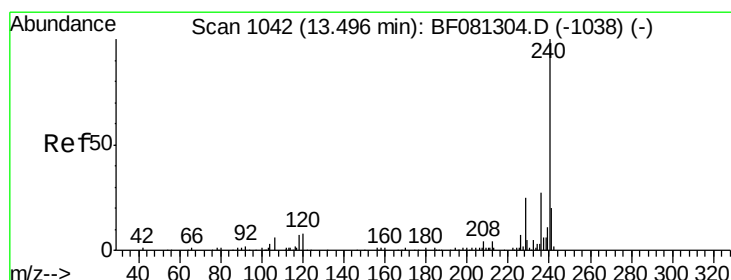
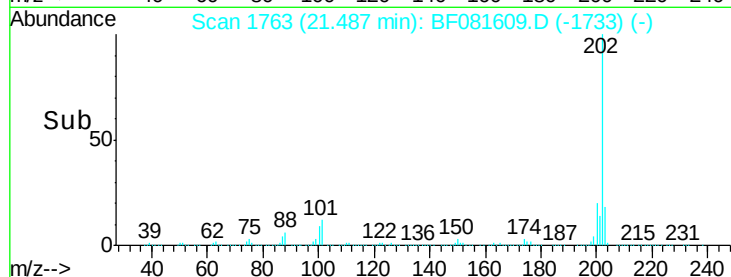
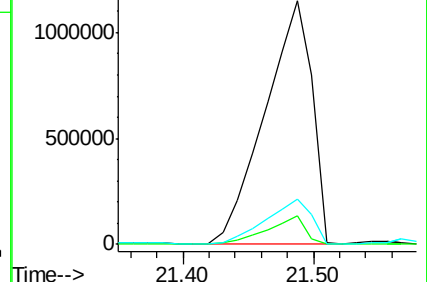
203 18.3 0.0 37.3



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: 23.65 min Scan# 1952

Delta R.T. 0.25 min

Lab File: BF081609.D

Acq: 14 Sep 2015 15:47

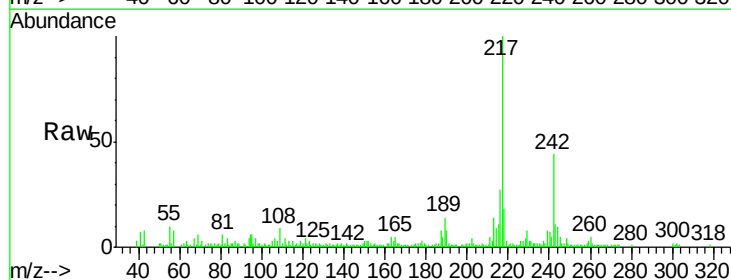
Tgt Ion:240 Resp: 7386

Ion Ratio Lower Upper

240 100

120 23.2 16.2 24.2

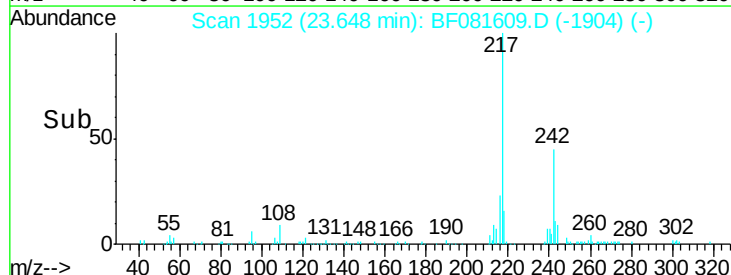
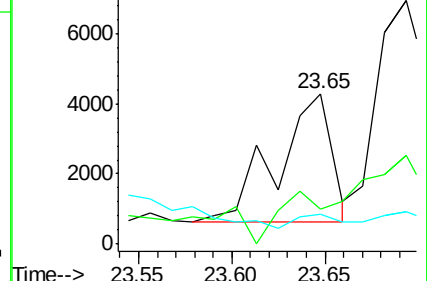
236 20.2 18.4 27.6

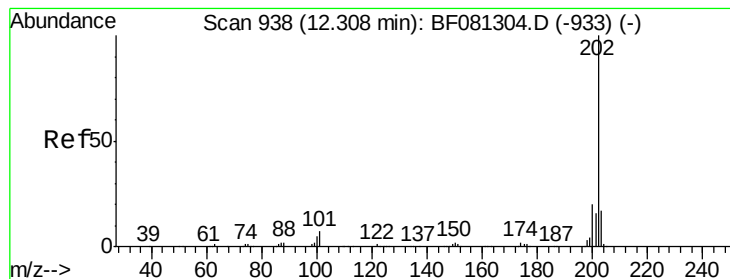


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 4891.19 ng

RT: 21.83 min Scan# 1793

Delta R.T. 0.05 min

Lab File: BF081609.D

Acq: 14 Sep 2015 15:47

Instrument :

BNA_F

ClientSampleId :

GP-3(0-5)

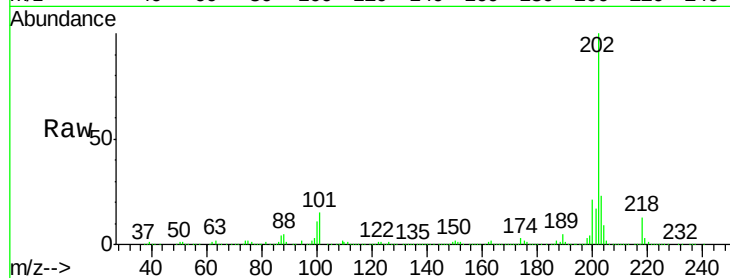
Tgt Ion:202 Resp: 2676037

Ion Ratio Lower Upper

202 100

200 20.8 15.0 22.4

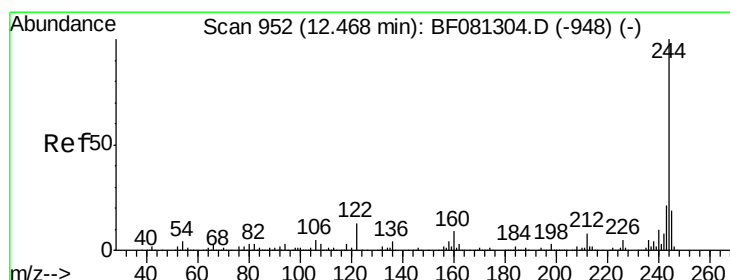
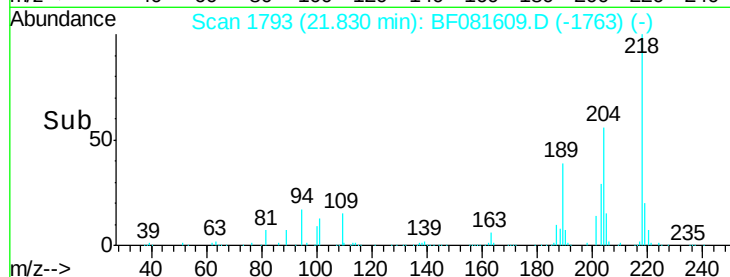
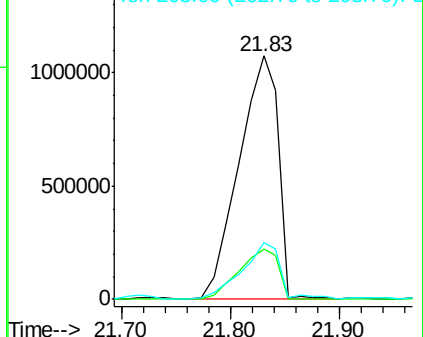
203 23.5 14.1 21.1#



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: 8.92 ng

RT: 22.47 min Scan# 1849

Delta R.T. 0.35 min

Lab File: BF081609.D

Acq: 14 Sep 2015 15:47

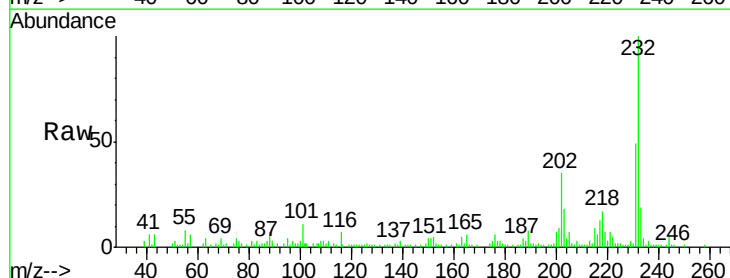
Tgt Ion:244 Resp: 2830

Ion Ratio Lower Upper

244 100

212 15.1 4.3 6.5#

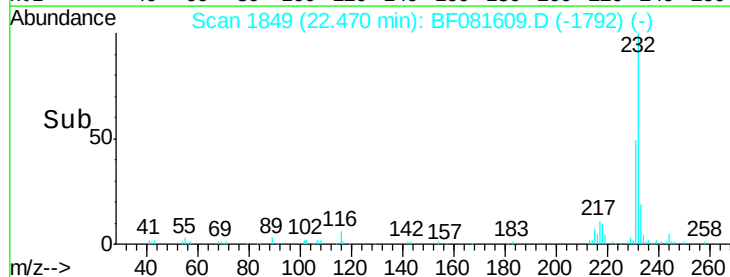
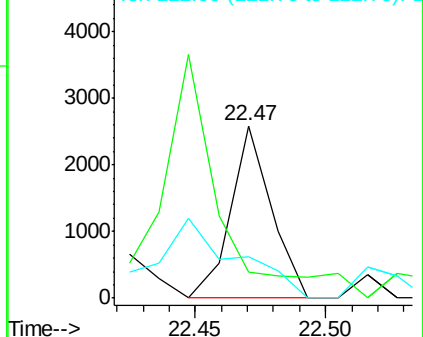
122 24.0 17.4 26.2

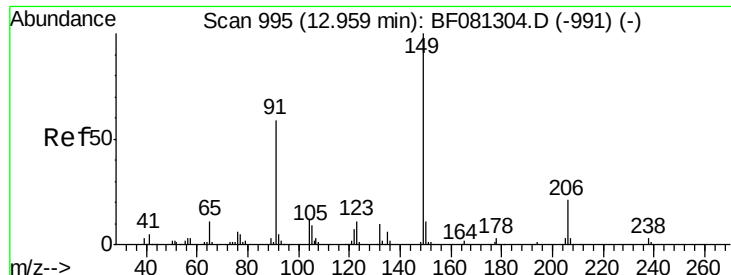


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

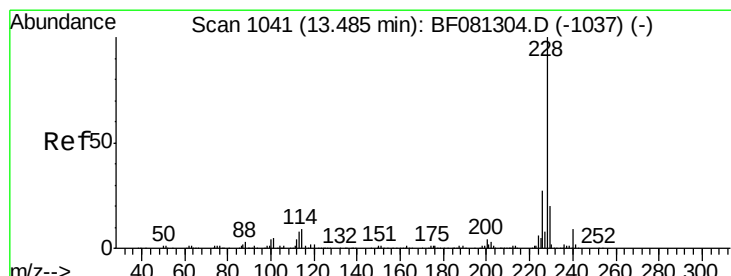
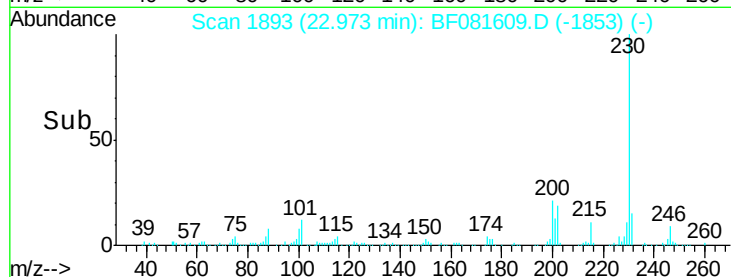
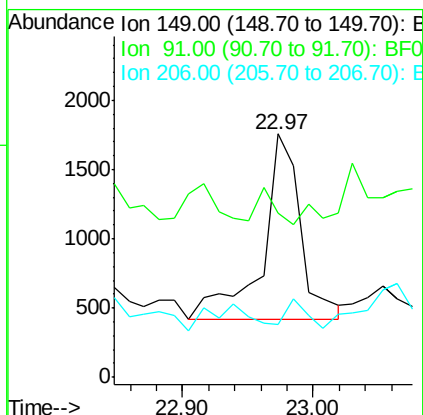
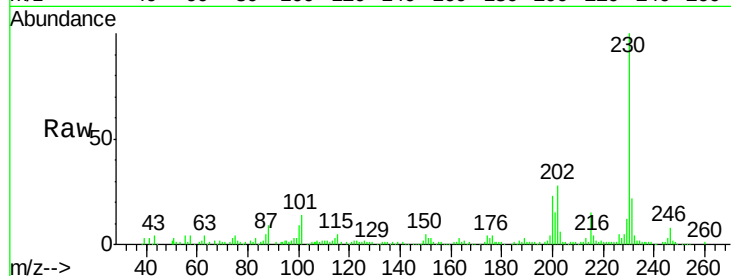




#79
Butylbenzylphthalate
Concen: 11.36 ng
RT: 22.97 min Scan# 1893
Delta R.T. 0.16 min
Lab File: BF081609.D
Acq: 14 Sep 2015 15:47

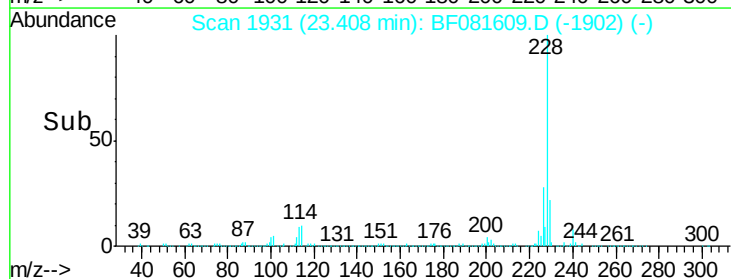
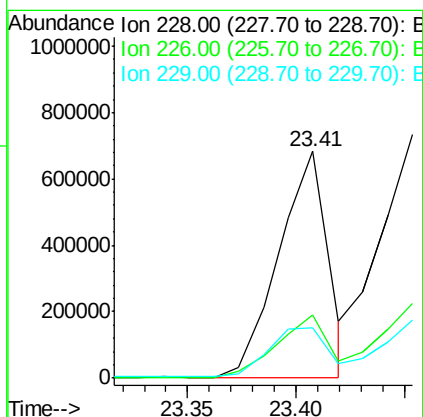
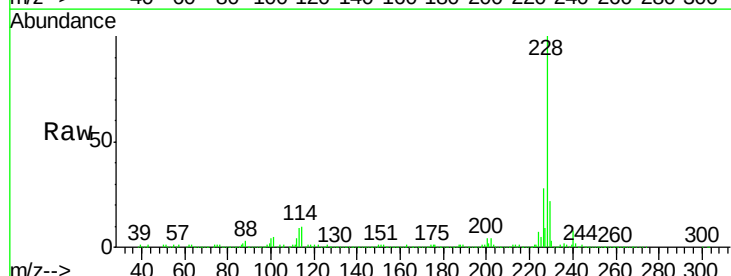
Instrument :
BNA_F
ClientSampleId :
GP-3(0-5)

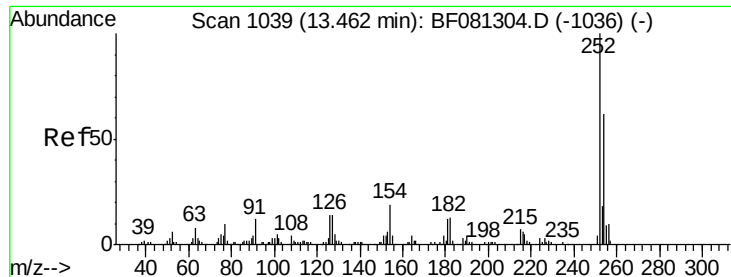
Tgt Ion:149 Resp: 2703
Ion Ratio Lower Upper
149 100
91 67.5 48.6 72.8
206 21.5 14.9 22.3



#80
Benzo(a)anthracene
Concen: 2298.90 ng
RT: 23.41 min Scan# 1931
Delta R.T. 0.03 min
Lab File: BF081609.D
Acq: 14 Sep 2015 15:47

Tgt Ion:228 Resp: 1081326
Ion Ratio Lower Upper
228 100
226 27.7 20.0 30.0
229 22.0 15.4 23.2

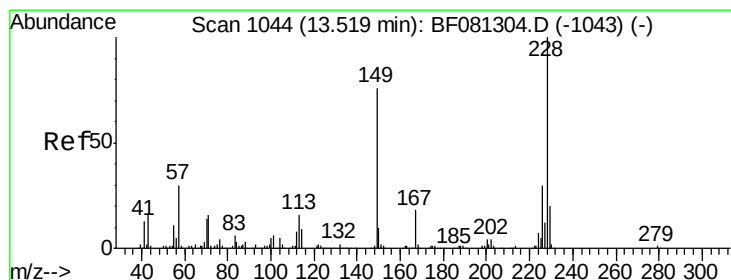
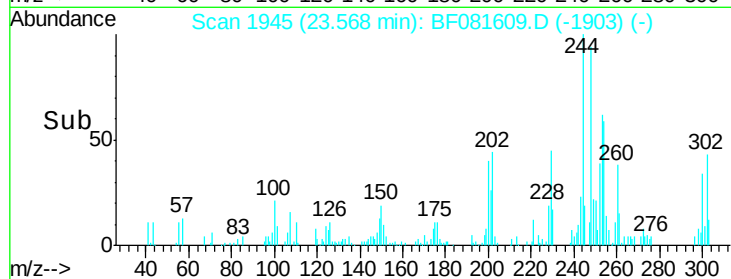
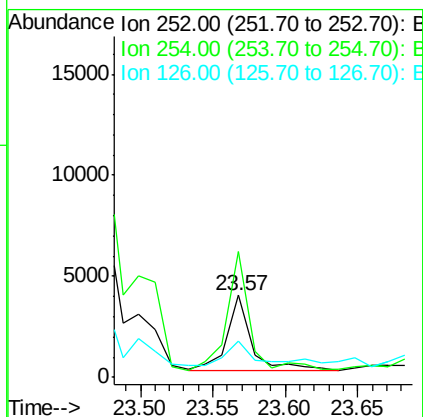
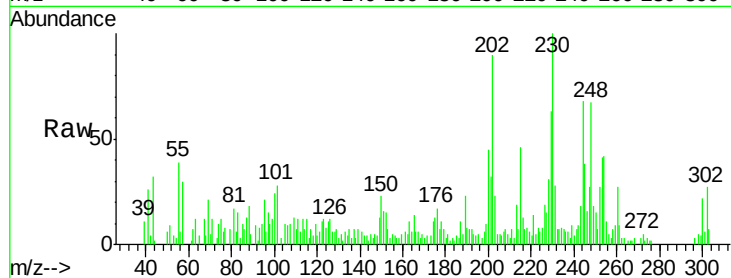




#81
 3,3'-Dichlorobenzidine
 Concen: 28.26 ng
 RT: 23.57 min Scan# 1945
 Delta R.T. 0.18 min
 Lab File: BF081609.D
 Acq: 14 Sep 2015 15:47

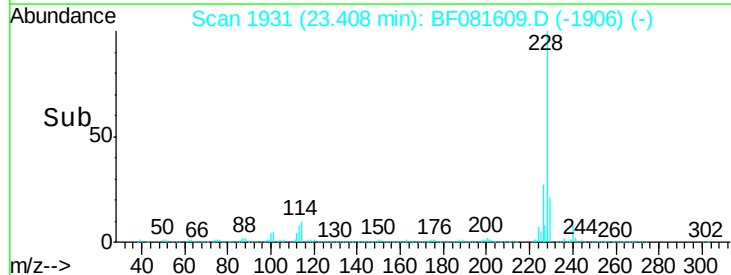
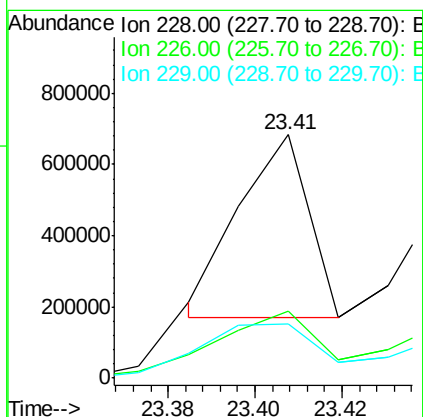
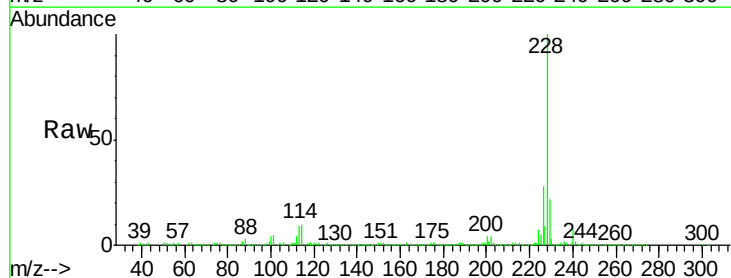
Instrument :
 BNA_F
 ClientSampleId :
 GP-3(0-5)

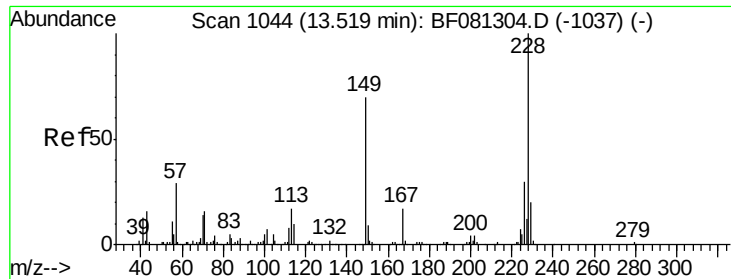
Tgt Ion:252 Resp: 4483
 Ion Ratio Lower Upper
 252 100
 254 153.7 51.4 77.2#
 126 44.2 16.4 24.6#



#82
 Chrysene
 Concen: 1342.19 ng
 RT: 23.41 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: BF081609.D
 Acq: 14 Sep 2015 15:47

Tgt Ion:228 Resp: 565923
 Ion Ratio Lower Upper
 228 100
 226 27.7 21.0 31.4
 229 22.0 15.6 23.4

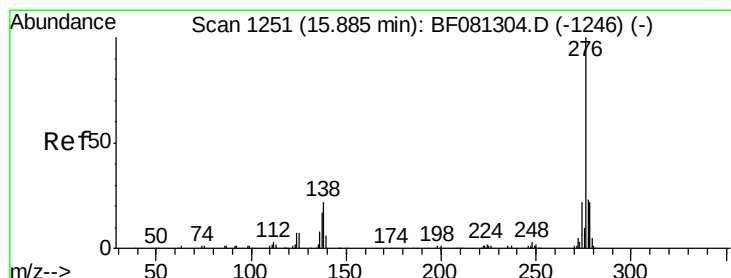
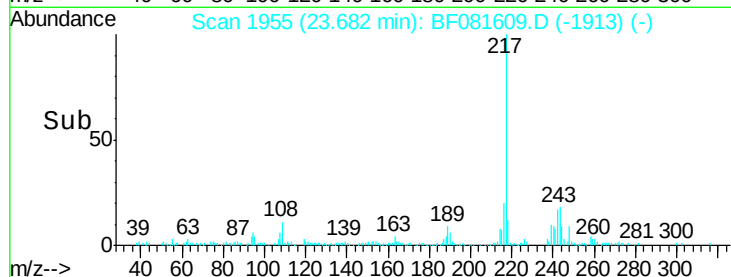
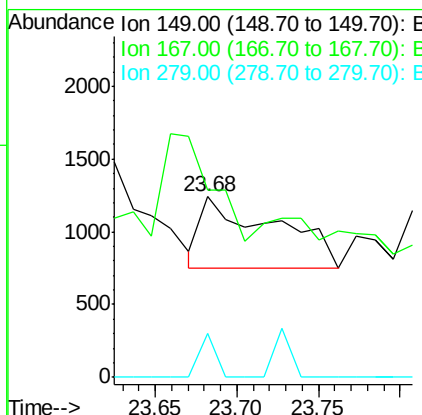
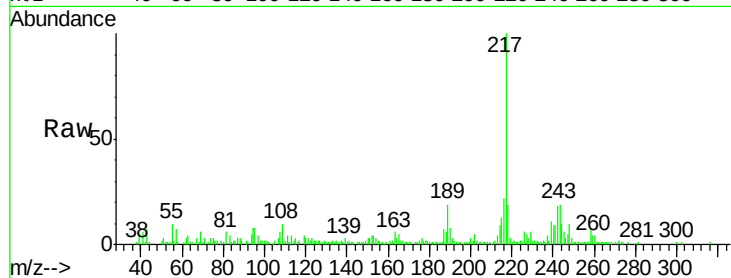




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.86 ng
 RT: 23.68 min Scan# 1955
 Delta R.T. 0.18 min
 Lab File: BF081609.D
 Acq: 14 Sep 2015 15:47

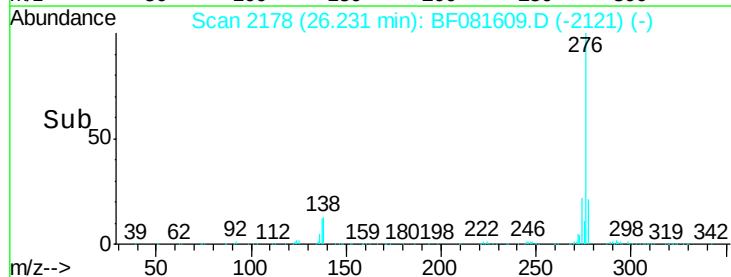
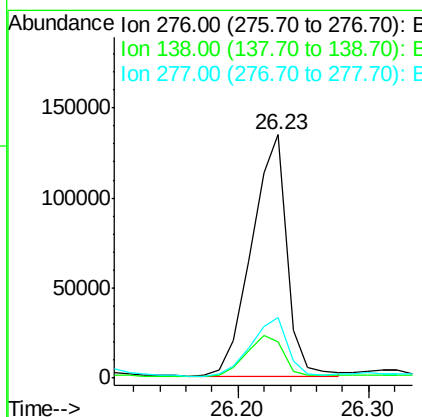
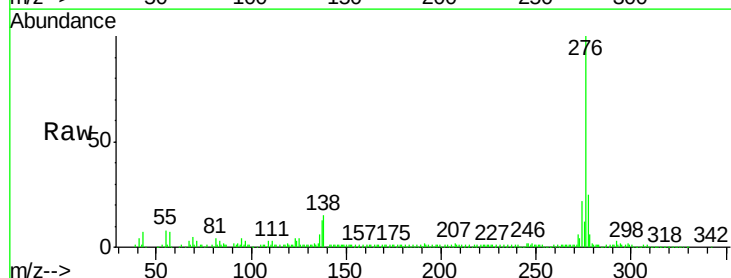
Instrument :
 BNA_F
 ClientSampleId :
 GP-3(0-5)

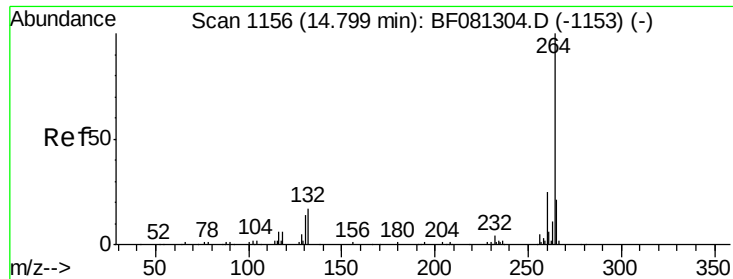
Tgt Ion:149 Resp: 1526
 Ion Ratio Lower Upper
 149 100
 167 103.7 24.2 36.2#
 279 24.2 3.8 5.6#



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 813.64 ng
 RT: 26.23 min Scan# 2178
 Delta R.T. 0.35 min
 Lab File: BF081609.D
 Acq: 14 Sep 2015 15:47

Tgt Ion:276 Resp: 251698
 Ion Ratio Lower Upper
 276 100
 138 18.5 25.7 38.5#
 277 25.1 15.6 23.4#





#86

Perylene-d12

Concen: 20.00 ng

RT: 24.85 min Scan# 2057

Delta R.T. 0.02 min

Lab File: BF081609.D

Acq: 14 Sep 2015 15:47

Instrument :

BNA_F

ClientSampleId :

GP-3(0-5)

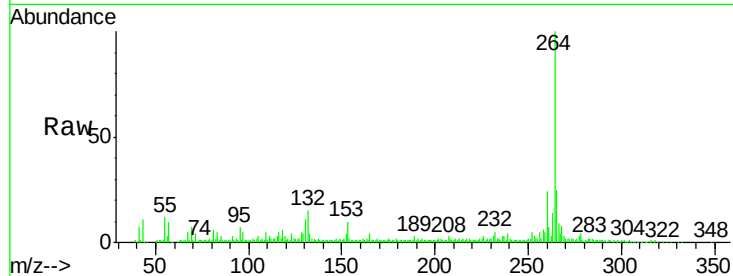
Tgt Ion:264 Resp: 99973

Ion Ratio Lower Upper

264 100

260 24.2 16.7 25.1

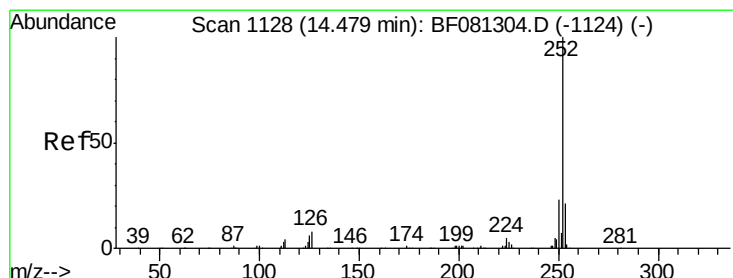
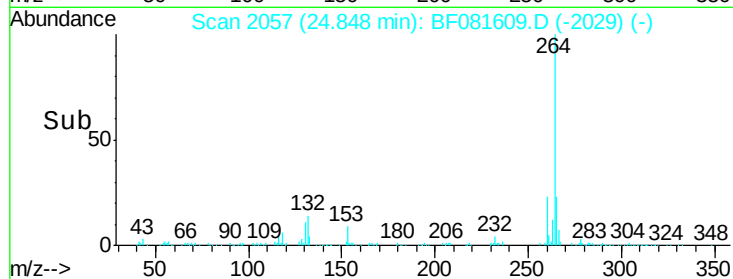
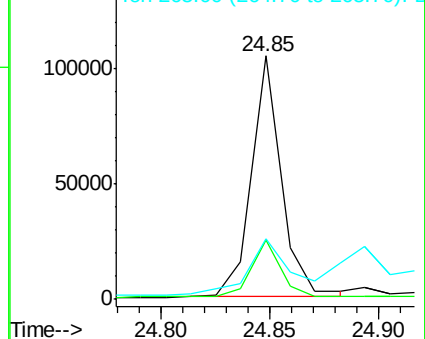
265 24.7 17.2 25.8



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: 183.24 ng

RT: 24.52 min Scan# 2028

Delta R.T. 0.03 min

Lab File: BF081609.D

Acq: 14 Sep 2015 15:47

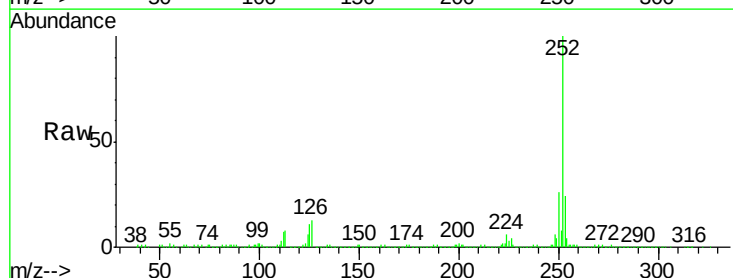
Tgt Ion:252 Resp: 1307880

Ion Ratio Lower Upper

252 100

253 24.0 17.5 26.3

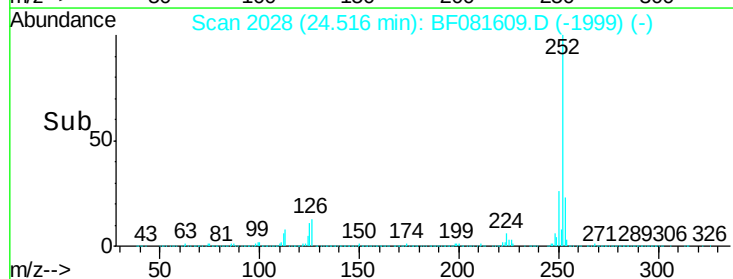
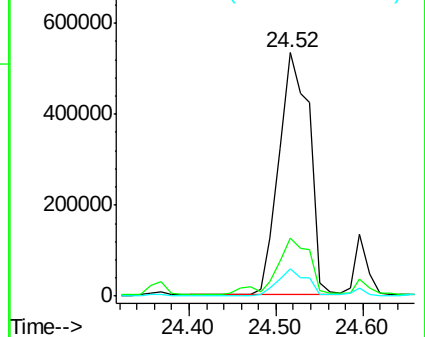
125 11.3 17.1 25.7#

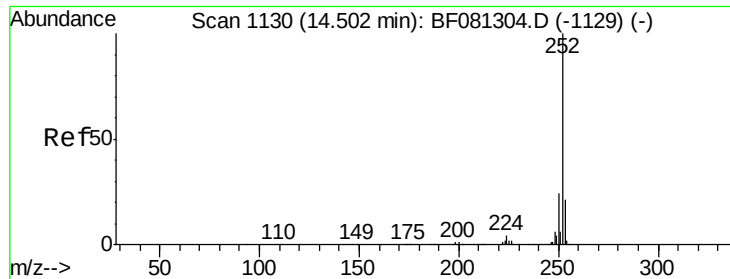


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 220.84 ng

RT: 24.52 min Scan# 2028

Delta R.T. 0.01 min

Lab File: BF081609.D

Acq: 14 Sep 2015 15:47

Instrument :

BNA_F

ClientSampleId :

GP-3(0-5)

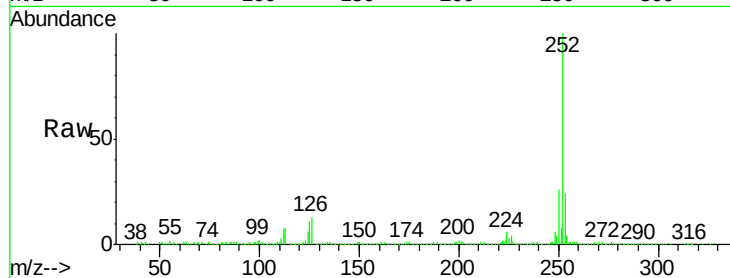
Tgt Ion:252 Resp: 1307880

Ion Ratio Lower Upper

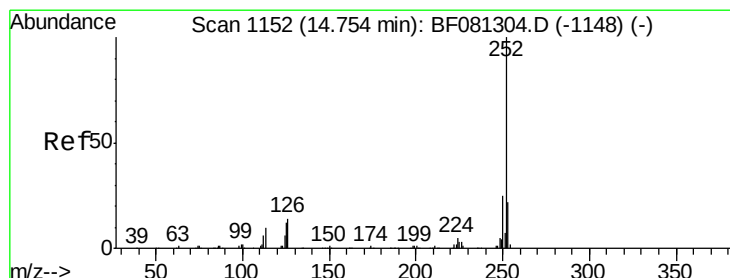
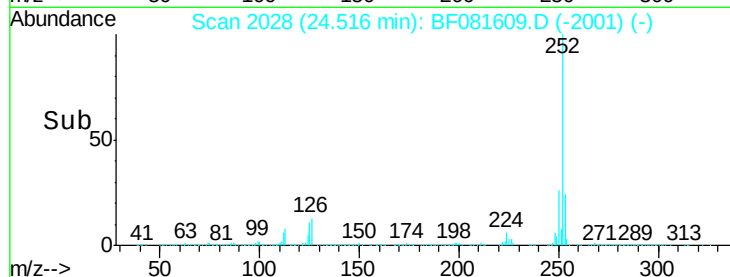
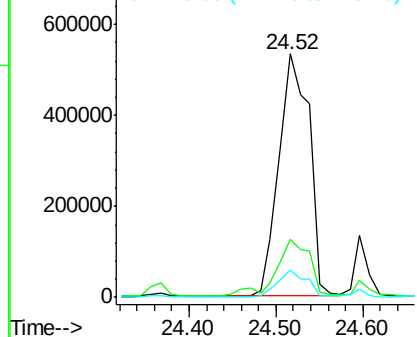
252 100

253 24.0 17.0 25.4

125 11.3 16.0 24.0#



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: 122.74 ng

RT: 24.81 min Scan# 2054

Delta R.T. 0.03 min

Lab File: BF081609.D

Acq: 14 Sep 2015 15:47

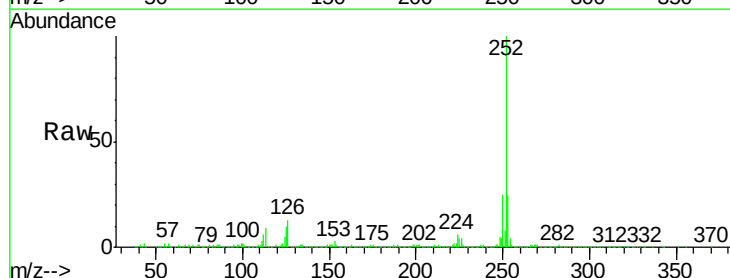
Tgt Ion:252 Resp: 742349

Ion Ratio Lower Upper

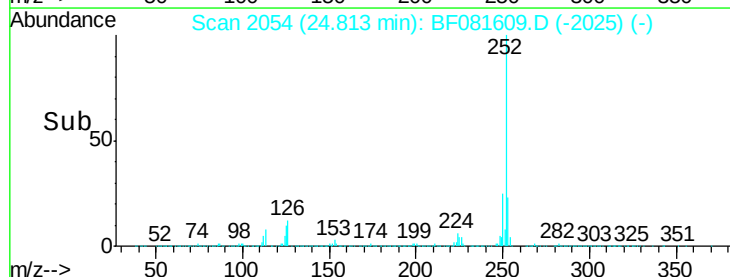
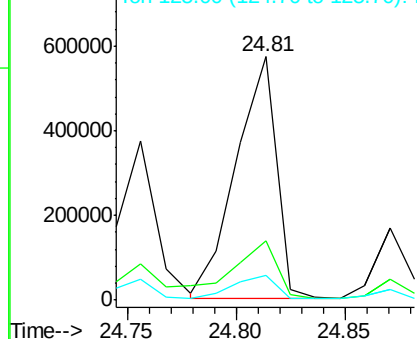
252 100

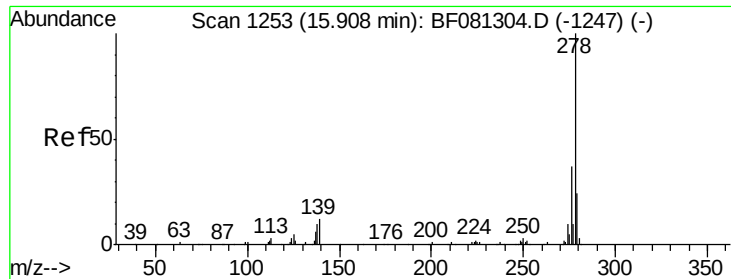
253 24.5 17.2 25.8

125 10.1 18.0 27.0#



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: 21.61 ng

RT: 25.92 min Scan# 2151

Delta R.T. 0.03 min

Lab File: BF081609.D

Acq: 14 Sep 2015 15:47

Instrument :

BNA_F

ClientSampleId :

GP-3(0-5)

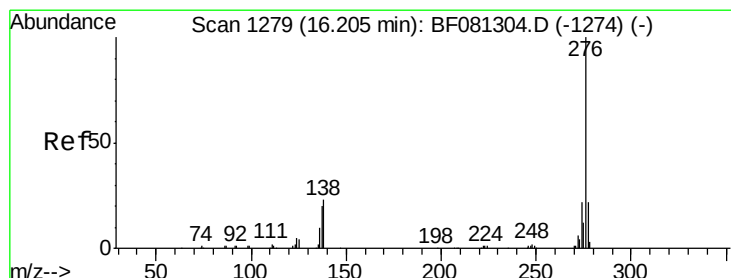
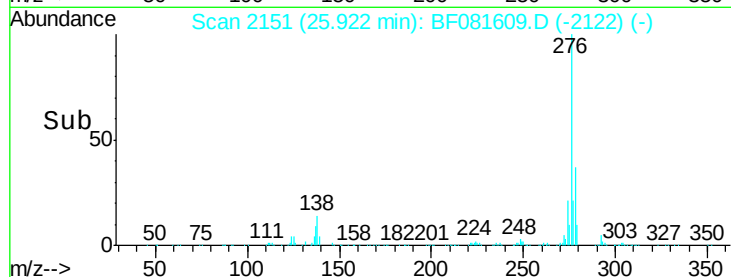
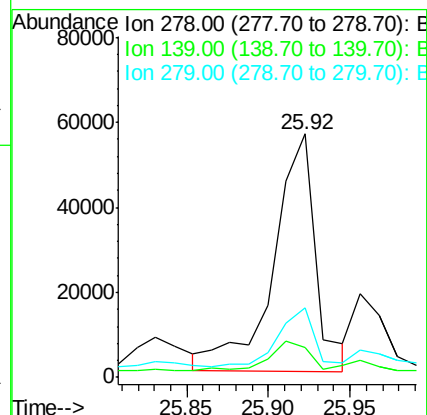
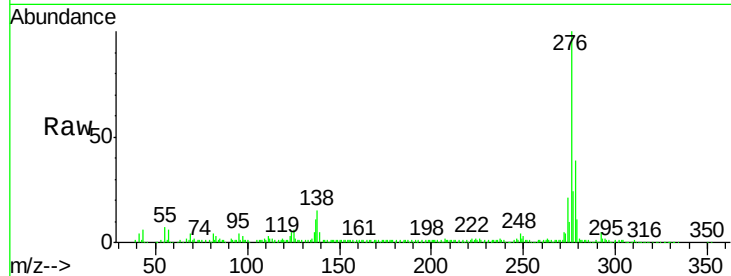
Tgt Ion:278 Resp: 100975

Ion Ratio Lower Upper

278 100

139 12.3 26.3 39.5#

279 28.7 18.2 27.4#



#91

Benzo(g,h,i)perylene

Concen: 56.43 ng

RT: 26.23 min Scan# 2178

Delta R.T. 0.05 min

Lab File: BF081609.D

Acq: 14 Sep 2015 15:47

Tgt Ion:276 Resp: 251698

Ion Ratio Lower Upper

276 100

277 25.1 17.8 26.6

138 15.1 34.6 51.8#

