

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090215\
 Data File : BF081376.D
 Acq On : 3 Sep 2015 5:30
 Operator : UM/IZ
 Sample : G3469-04
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MGP207BR-25-25.5

Quant Time: Sep 03 05:55:31 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 17:35:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.39	152	53313	20.00	ng	0.00
21) Naphthalene-d8	7.68	136	199613	20.00	ng	0.00
38) Acenaphthene-d10	9.42	164	95995	20.00	ng	0.00
63) Phenanthrene-d10	10.88	188	165306	20.00	ng	0.00
75) Chrysene-d12	13.50	240	103273	20.00	ng	0.00
86) Perylene-d12	14.81	264	87968	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	4.96	112	573190	166.81	ng	0.03
7) Phenol-d6	6.07	99	699362	153.76	ng	0.01
23) Nitrobenzene-d5	6.97	82	511888	123.72	ng	0.00
41) 2,4,6-Tribromophenol	10.20	330	128513	150.35	ng	0.00
44) 2-Fluorobiphenyl	8.76	172	828846	110.65	ng	0.00
78) Terphenyl-d14	12.47	244	487424	109.87	ng	0.00

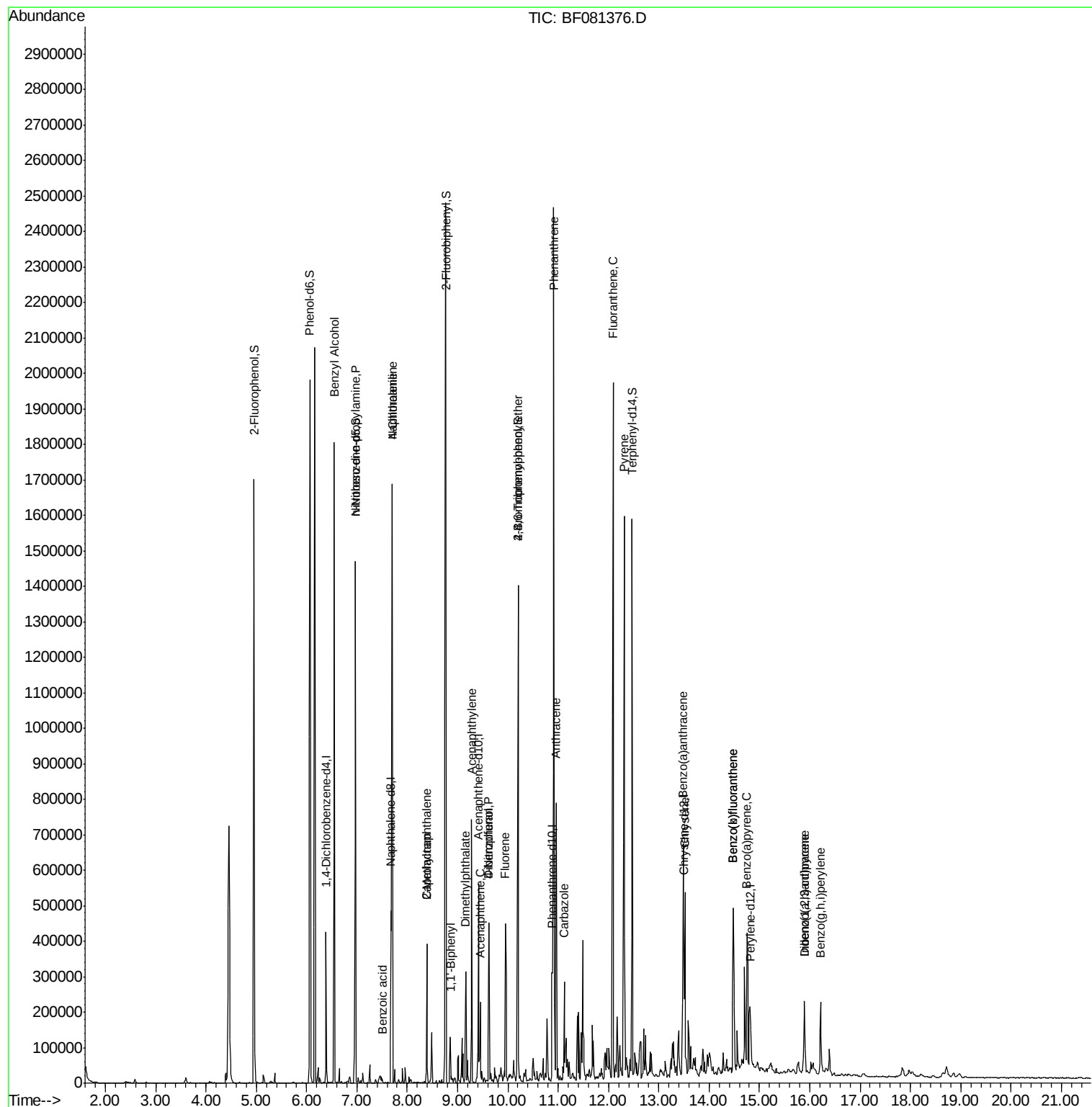
Target Compounds						Qvalue
15) Benzyl Alcohol	6.55	79	9247	2.48	ng	# 30
19) n-Nitroso-di-n-propylamine	6.97	70	70896	22.90	ng	# 63
31) Naphthalene	7.70	128	668312	62.78	ng	97
32) Benzoic acid	7.51	122	2787	3.68	ng	# 36
33) 4-Chloroaniline	7.70	127	89838	20.69	ng	# 34
35) Caprolactam	8.39	113	2088	2.43	ng	# 1
37) 2-Methylnaphthalene	8.39	142	89058	12.86	ng	# 87
45) 1,1'-Biphenyl	8.86	154	39936	4.52	ng	94
48) Acenaphthylene	9.28	152	286419	25.31	ng	98
49) Dimethylphthalate	9.16	163	113708	15.25	ng	# 97
51) Acenaphthene	9.45	154	50085	7.78	ng	89
54) Dibenzofuran	9.62	168	160277	17.05	ng	# 89
55) 4-Nitrophenol	9.62	139	64546	53.31	ng	# 27
57) Fluorene	9.95	166	162081	22.72	ng	95
66) 4-Bromophenyl-phenylether	10.20	248	10692	6.40	ng	# 1
70) Phenanthrene	10.91	178	950210	103.39	ng	96
71) Anthracene	10.96	178	271076	28.71	ng	98
72) Carbazole	11.12	167	99896	11.27	ng	97
74) Fluoranthene	12.09	202	929092	93.39	ng	88
77) Pvrene	12.31	202	727147	95.05	ng	96
80) Benzo(a)anthracene	13.49	228	255019	38.78	ng	# 89
82) Chrysene	13.52	228	150991	25.61	ng	94
85) Indeno(1,2,3-cd)pyrene	15.90	276	122399	28.30	ng	# 80
87) Benzo(b)fluoranthene	14.48	252	292394	46.56	ng	# 88
88) Benzo(k)fluoranthene	14.48	252	292394	56.11	ng	# 88
89) Benzo(a)pyrene	14.75	252	185520	34.86	ng	# 88
90) Dibenzo(a,h)anthracene	15.90	278	27192	6.61	ng	# 62
91) Benzo(g,h,i)perylene	16.22	276	131193	33.43	ng	# 77

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

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Instrument :
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Quant Time: Sep 03 05:55:31 2015
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QLast Update : Tue Sep 01 17:35:35 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF081376.D

Acq: 3 Sep 2015 5:30

Instrument :

BNA_F

ClientSampleId :

MGP207BR-25-25.5

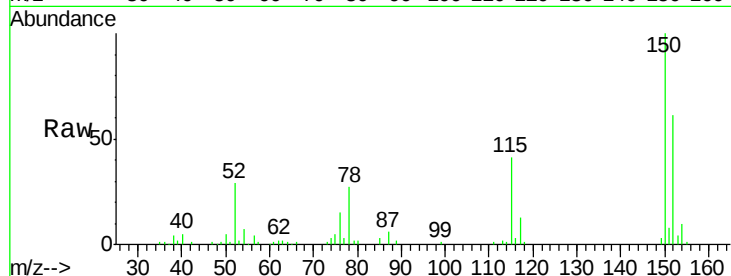
Tot Ion:152 Resp: 53313

Ion Ratio Lower Upper

152 100

150 164.8 124.7 187.1

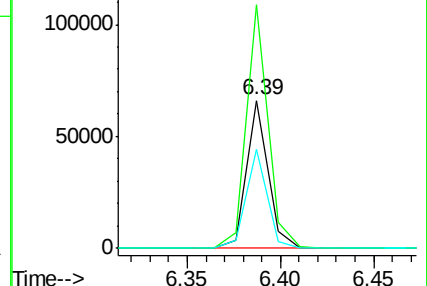
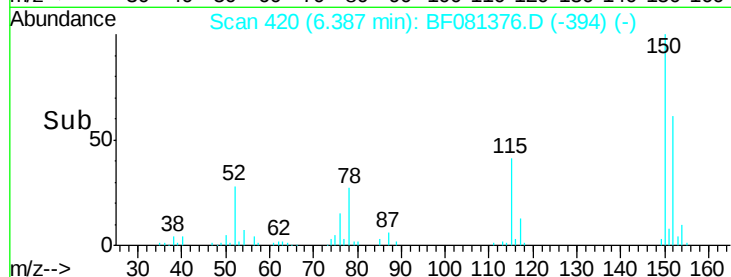
115 67.4 39.0 58.4#



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



#5

2-Fluorophenol

Concen: 166.81 ng

RT: 4.96 min Scan# 295

Delta R.T. 0.03 min

Lab File: BF081376.D

Acq: 3 Sep 2015 5:30

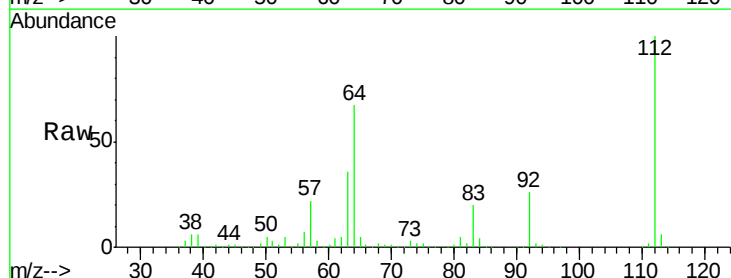
Tgt Ion:112 Resp: 573190

Ion Ratio Lower Upper

112 100

64 66.9 39.7 59.5#

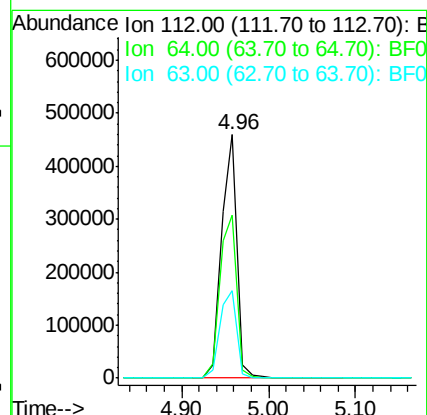
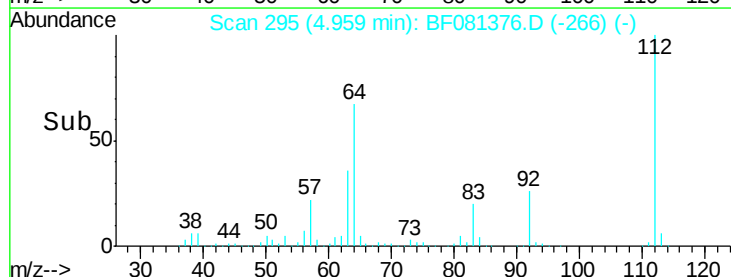
63 35.7 17.4 26.0#

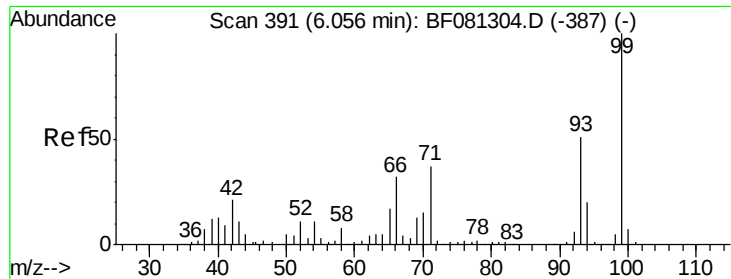


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 153.76 ng

RT: 6.07 min Scan# 392

Delta R.T. 0.01 min

Lab File: BF081376.D

Acq: 3 Sep 2015 5:30

Instrument :

BNA_F

ClientSampleId :

MGP207BR-25-25.5

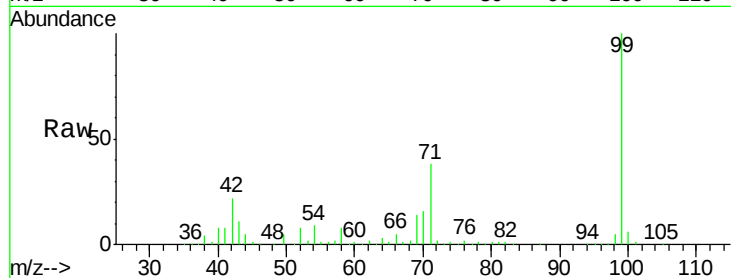
Tot Ion: 99 Resp: 699362

Ion Ratio Lower Upper

99 100

42 22.5 13.7 20.5#

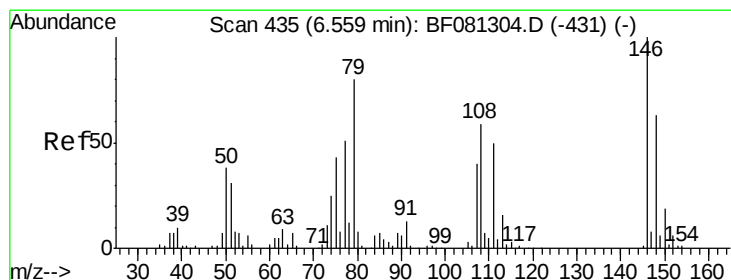
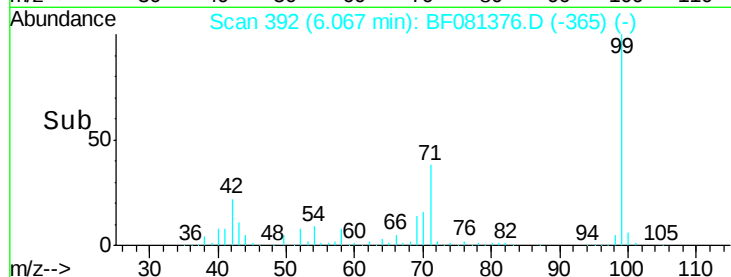
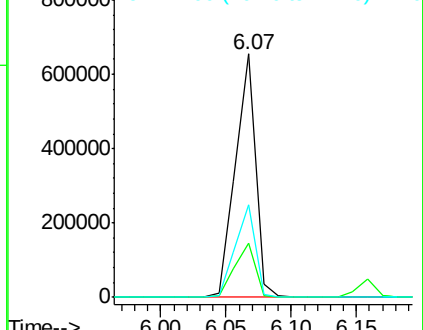
71 37.8 14.2 21.2#



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



#15

Benzyl Alcohol

Concen: 2.48 ng

RT: 6.55 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF081376.D

Acq: 3 Sep 2015 5:30

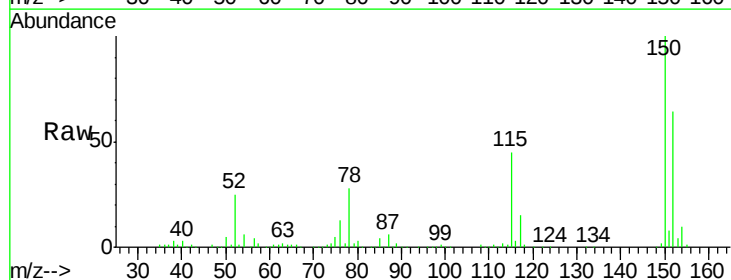
Tgt Ion: 79 Resp: 9247

Ion Ratio Lower Upper

79 100

108 26.8 88.6 132.8#

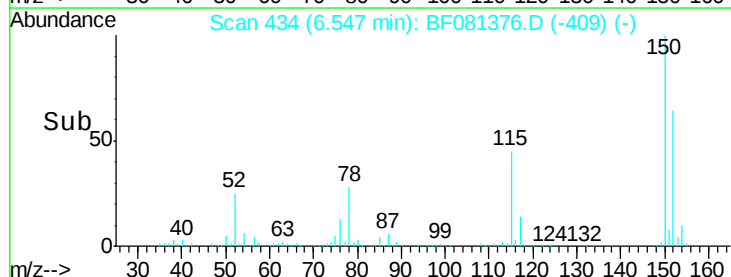
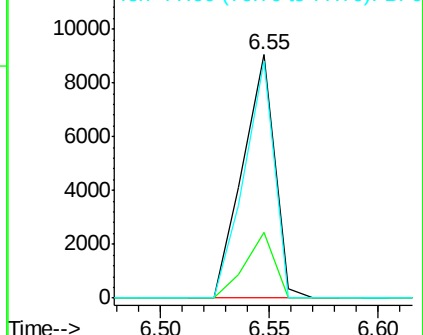
77 97.3 47.0 70.4#

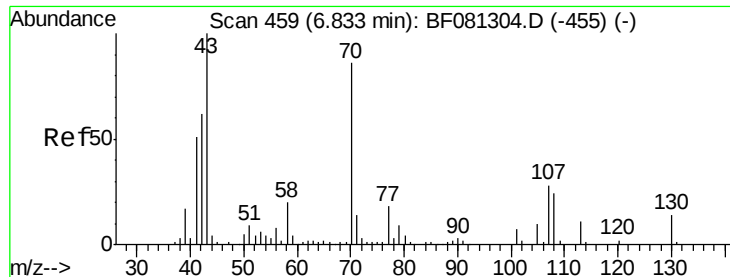


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 22.90 ng

RT: 6.97 min Scan# 471

Delta R.T. 0.14 min

Lab File: BF081376.D

Acq: 3 Sep 2015 5:30

Instrument :

BNA_F

ClientSampleId :

MGP207BR-25-25.5

Tot Ion: 70 Resp: 70896

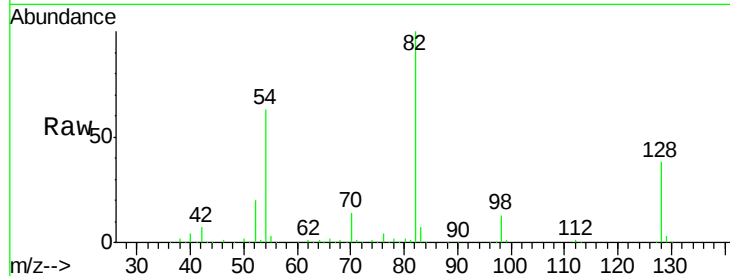
Ion Ratio Lower Upper

70 100

42 52.8 63.8 95.6#

101 0.0 9.2 13.8#

130 1.9 27.3 40.9#

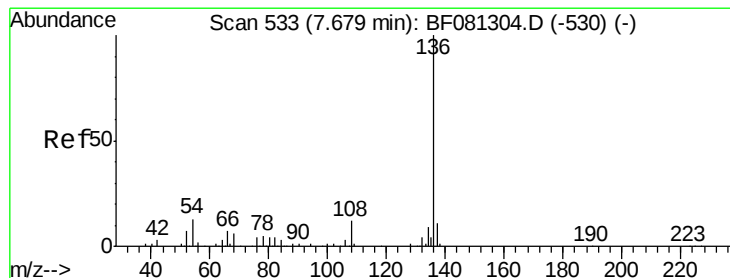
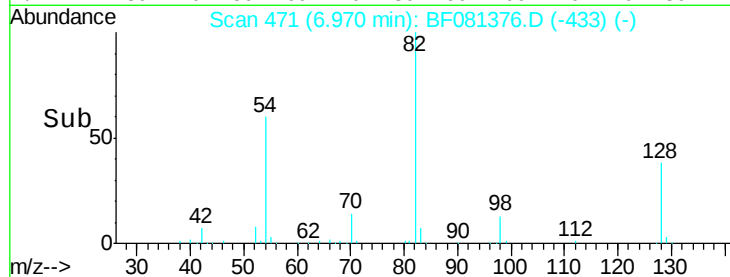
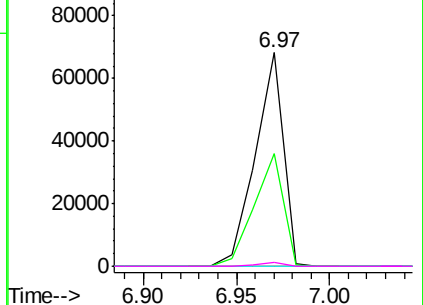


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.68 min Scan# 533

Delta R.T. 0.00 min

Lab File: BF081376.D

Acq: 3 Sep 2015 5:30

Tgt Ion:136 Resp: 199613

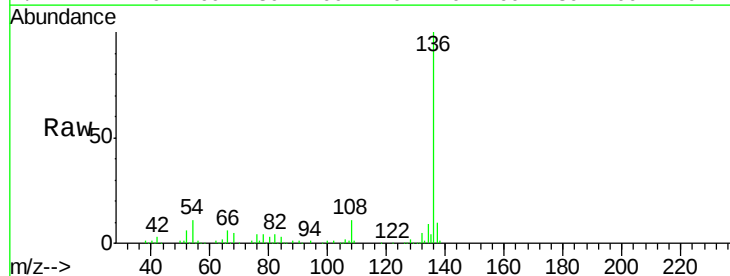
Ion Ratio Lower Upper

136 100

137 10.4 9.0 13.6

54 10.8 8.2 12.2

68 5.0 5.8 8.6#

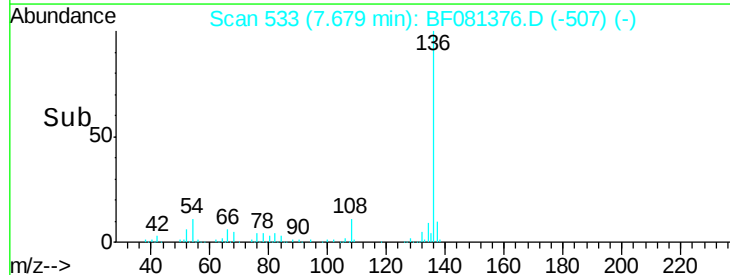
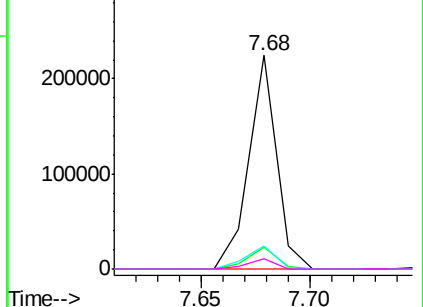


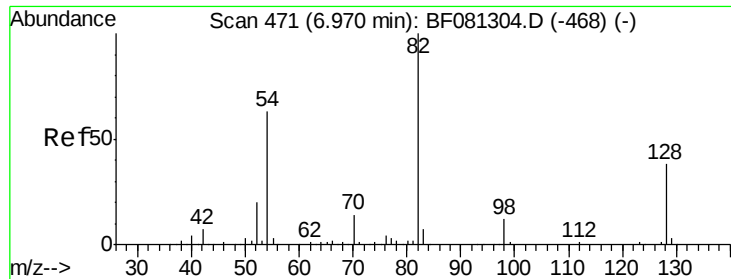
Abundance Ion 136.00 (135.70 to 136.70): E

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

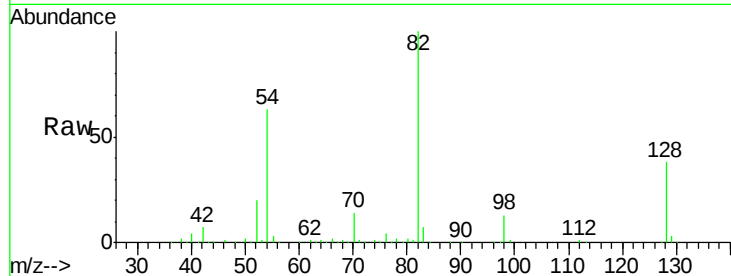




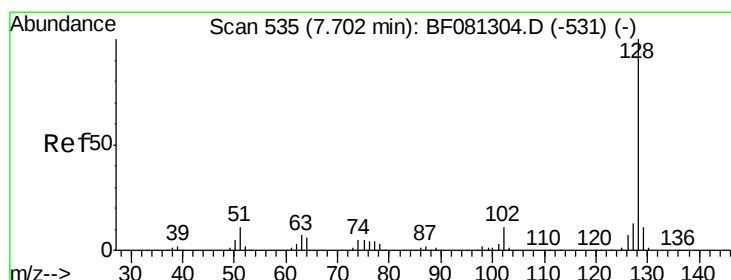
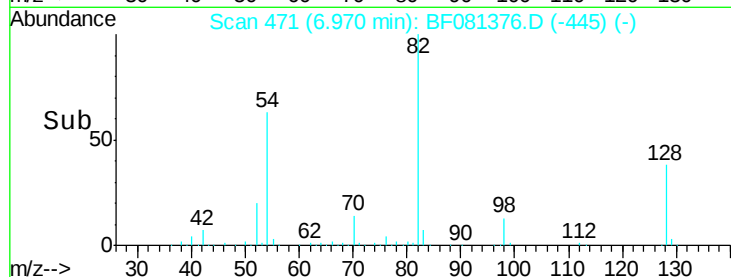
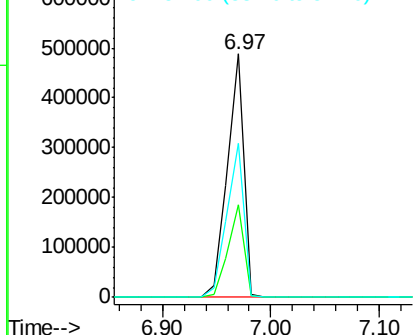
#23
 Nitrobenzene-d5
 Concen: 123.72 ng
 RT: 6.97 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: BF081376.D
 Acq: 3 Sep 2015 5:30

Instrument :
 BNA_F
 ClientSampleId :
 MGP207BR-25-25.5

Tot Ion: 82 Resp: 511888
 Ion Ratio Lower Upper
 82 100
 128 38.3 51.0 76.6#
 54 63.3 47.5 71.3

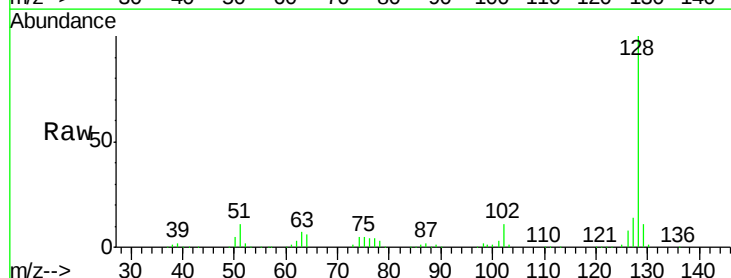


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

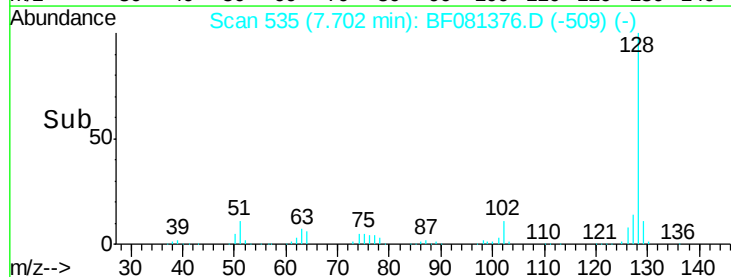
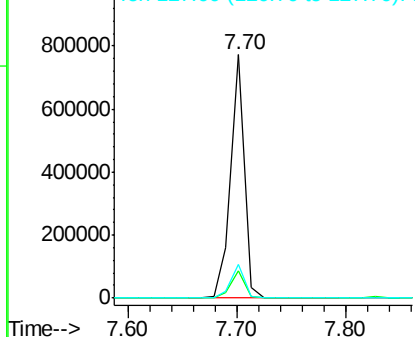


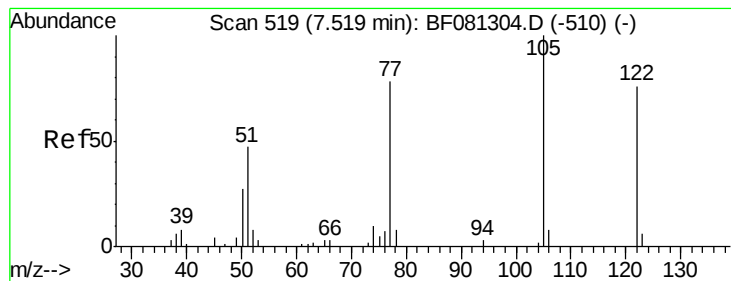
#31
 Naphthalene
 Concen: 62.78 ng
 RT: 7.70 min Scan# 535
 Delta R.T. 0.00 min
 Lab File: BF081376.D
 Acq: 3 Sep 2015 5:30

Tgt Ion: 128 Resp: 668312
 Ion Ratio Lower Upper
 128 100
 129 11.5 8.4 12.6
 127 13.6 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





#32

Benzoic acid

Concen: 3.68 ng

RT: 7.51 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF081376.D

Acq: 3 Sep 2015 5:30

Instrument :

BNA_F

ClientSampleId :

MGP207BR-25-25.5

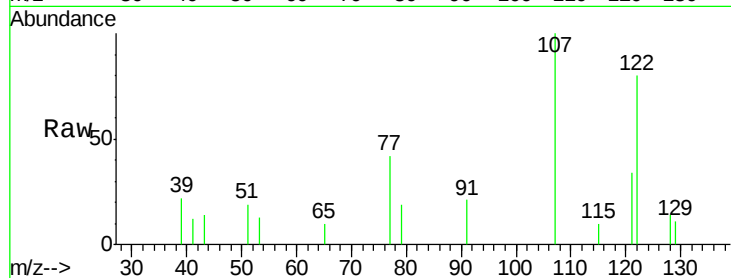
Tot Ion:122 Resp: 2787

Ion Ratio Lower Upper

122 100

105 0.0 76.1 116.1#

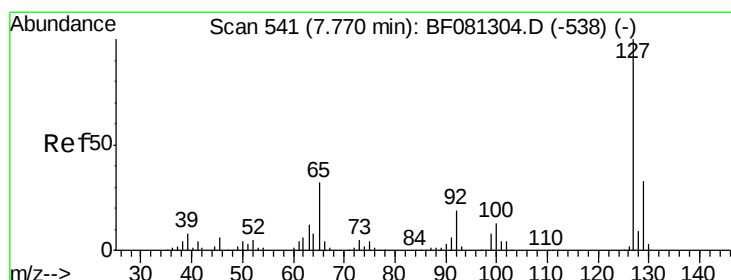
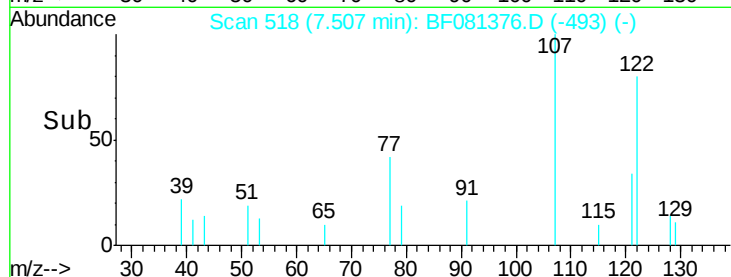
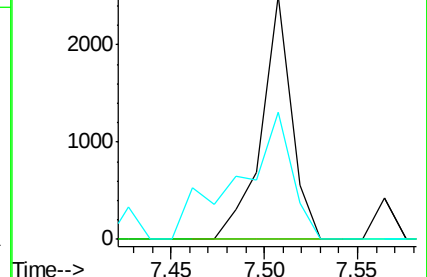
77 52.3 40.5 80.5



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): BF0



#33

4-Chloroaniline

Concen: 20.69 ng

RT: 7.70 min Scan# 535

Delta R.T. -0.07 min

Lab File: BF081376.D

Acq: 3 Sep 2015 5:30

Tgt Ion:127 Resp: 89838

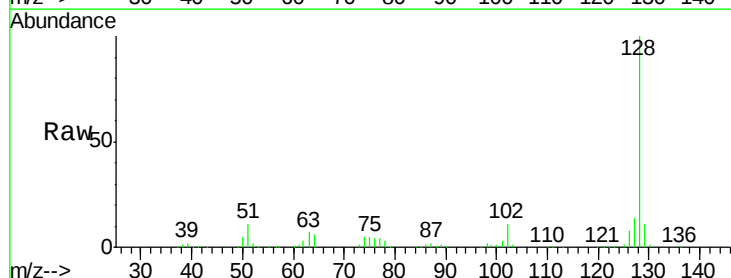
Ion Ratio Lower Upper

127 100

129 84.1 25.8 38.6#

65 0.0 17.9 26.9#

92 0.0 10.5 15.7#

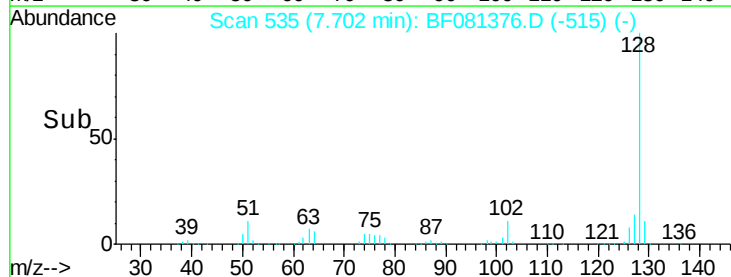
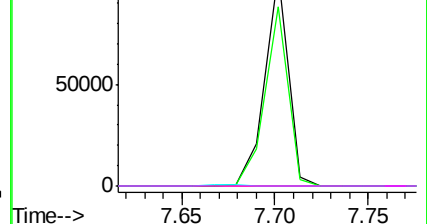


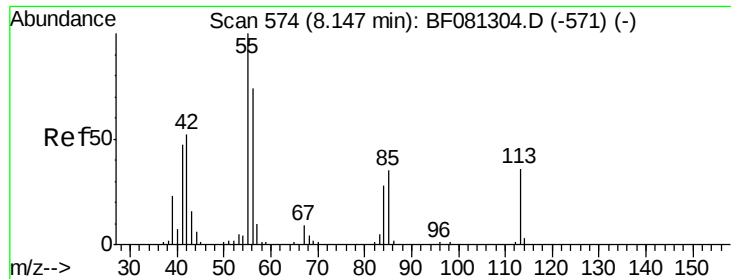
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

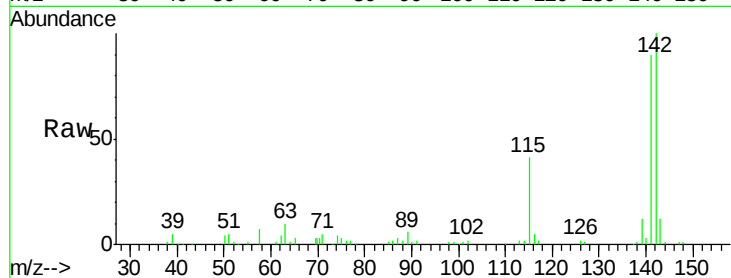




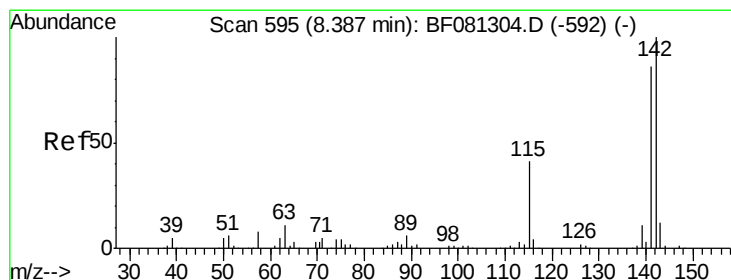
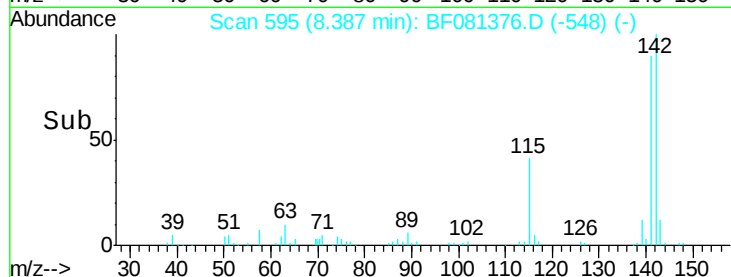
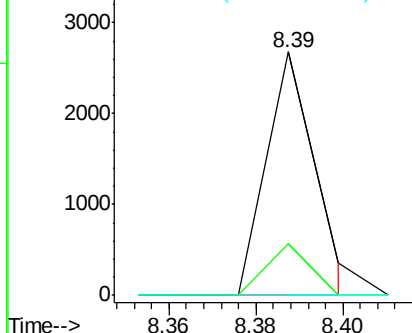
#35
Caprolactam
Concen: 2.43 ng
RT: 8.39 min Scan# 595
Delta R.T. 0.24 min
Lab File: BF081376.D
Acq: 3 Sep 2015 5:30

Instrument :
BNA_F
ClientSampleId :
MGP207BR-25-25.5

Tot Ion:113 Resp: 2088
Ion Ratio Lower Upper
113 100
55 21.4 152.4 192.4#
56 0.0 104.6 144.6#

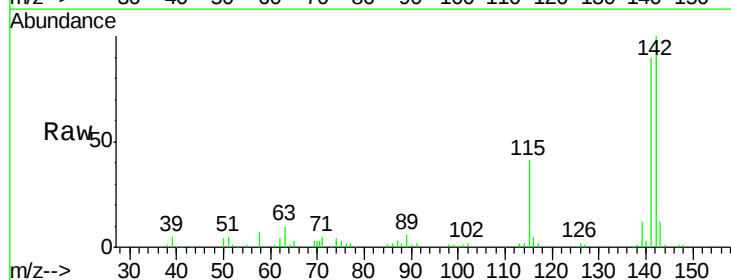


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

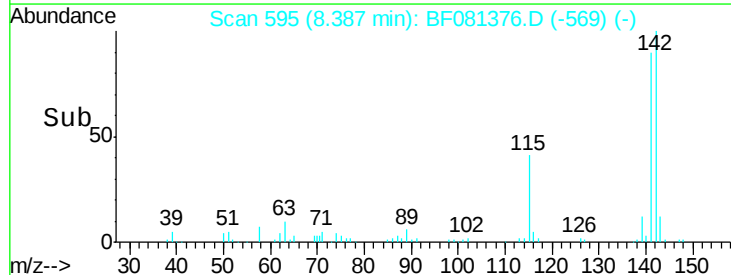
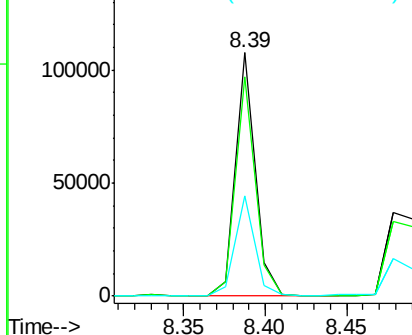


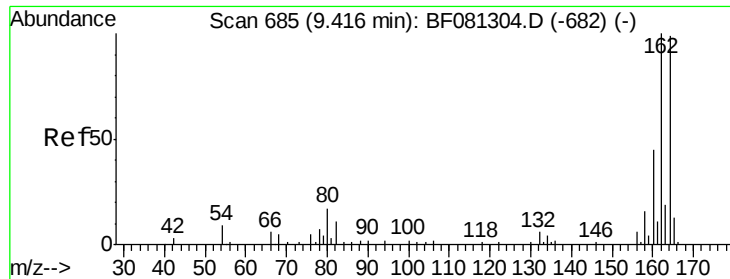
#37
2-Methylnaphthalene
Concen: 12.86 ng
RT: 8.39 min Scan# 595
Delta R.T. 0.00 min
Lab File: BF081376.D
Acq: 3 Sep 2015 5:30

Tgt Ion:142 Resp: 89058
Ion Ratio Lower Upper
142 100
141 90.3 67.5 101.3
115 41.1 18.2 27.2#



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

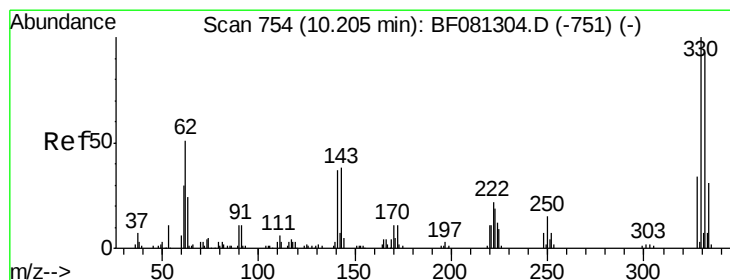
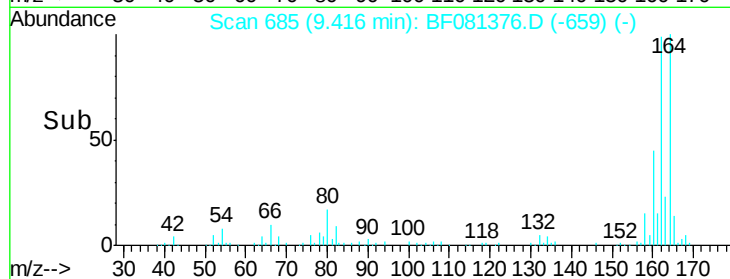
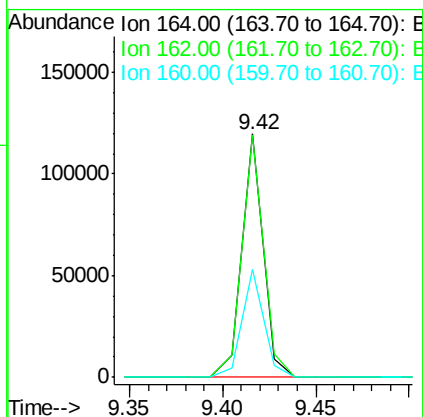
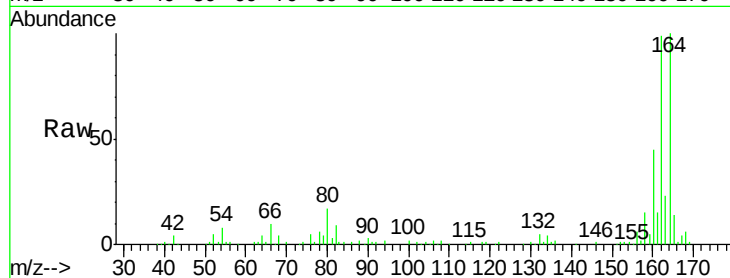




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.42 min Scan# 685
Delta R.T. 0.00 min
Lab File: BF081376.D
Acq: 3 Sep 2015 5:30

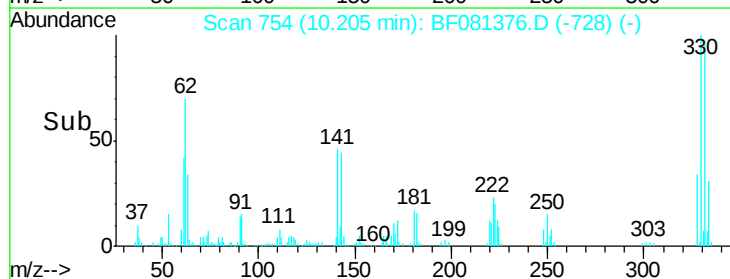
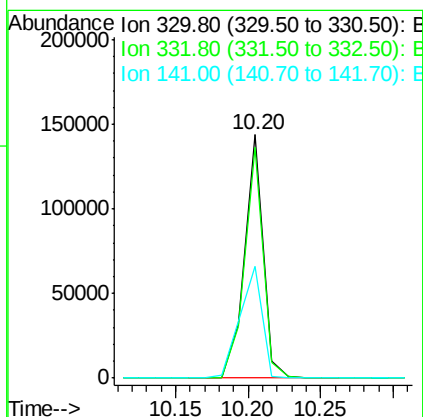
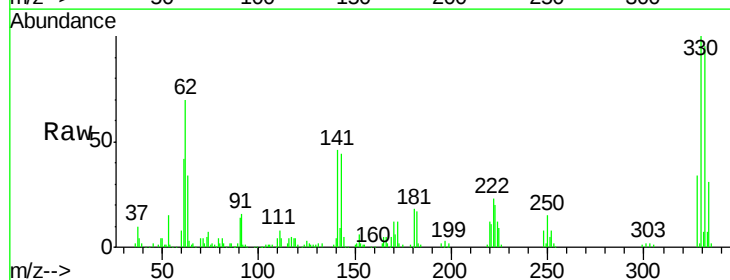
Instrument :
BNA_F
ClientSampleId :
MGP207BR-25-25.5

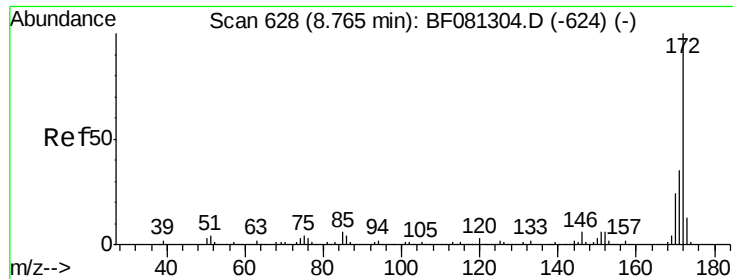
Tot Ion:164 Resp: 95995
Ion Ratio Lower Upper
164 100
162 99.4 75.2 112.8
160 44.5 31.5 47.3



#41
2,4,6-Tribromophenol
Concen: 150.35 ng
RT: 10.20 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF081376.D
Acq: 3 Sep 2015 5:30

Tgt Ion:330 Resp: 128513
Ion Ratio Lower Upper
330 100
332 95.2 76.6 114.8
141 55.4 29.7 44.5#

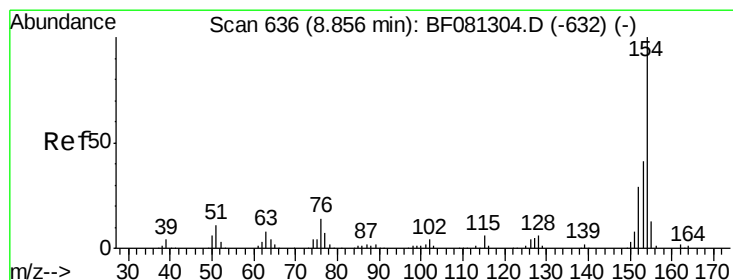
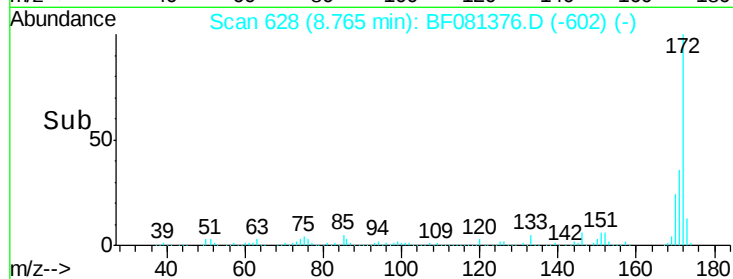
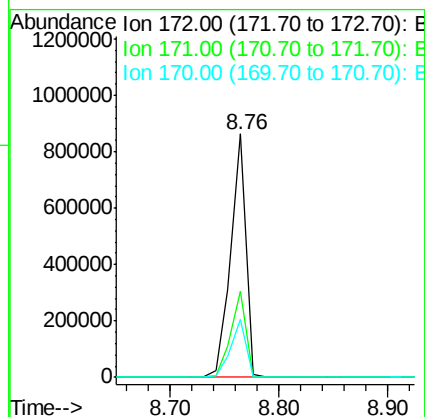
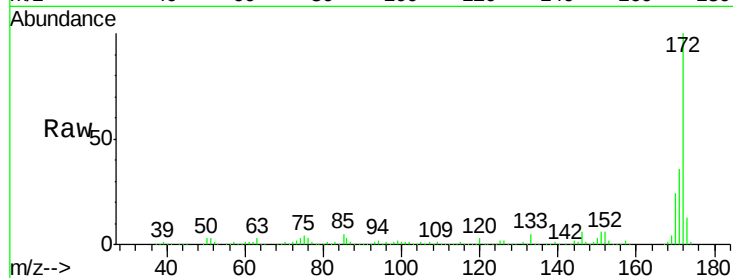




#44
2-Fluorobiphenyl
Concen: 110.65 ng
RT: 8.76 min Scan# 628
Delta R.T. 0.00 min
Lab File: BF081376.D
Acq: 3 Sep 2015 5:30

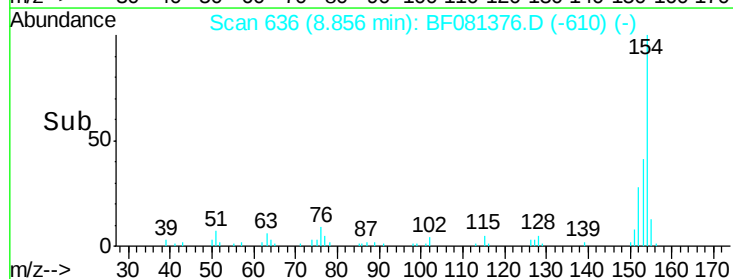
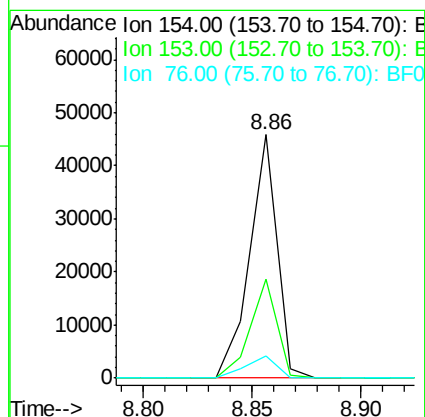
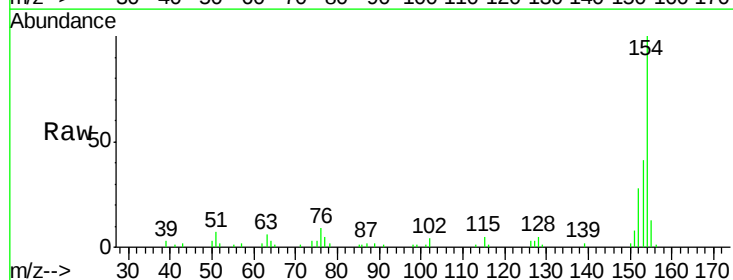
Instrument :
BNA_F
ClientSampleId :
MGP207BR-25-25.5

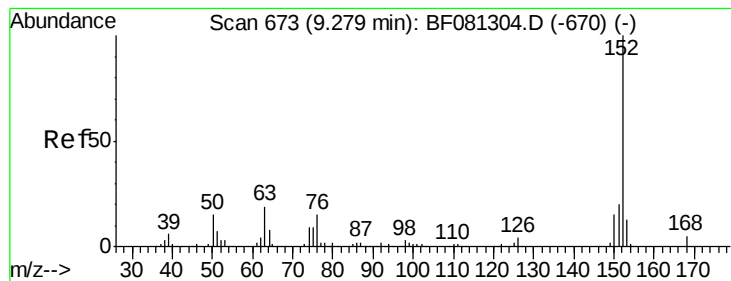
Tot Ion:172 Resp: 828846
Ion Ratio Lower Upper
172 100
171 35.6 26.1 39.1
170 24.0 17.4 26.2



#45
1,1'-Biphenyl
Concen: 4.52 ng
RT: 8.86 min Scan# 636
Delta R.T. 0.00 min
Lab File: BF081376.D
Acq: 3 Sep 2015 5:30

Tgt Ion:154 Resp: 39936
Ion Ratio Lower Upper
154 100
153 40.9 17.1 57.1
76 9.1 0.0 31.6





#48

Acenaphthylene

Concen: 25.31 ng

RT: 9.28 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF081376.D

Acq: 3 Sep 2015 5:30

Instrument :

BNA_F

ClientSampleId :

MGP207BR-25-25.5

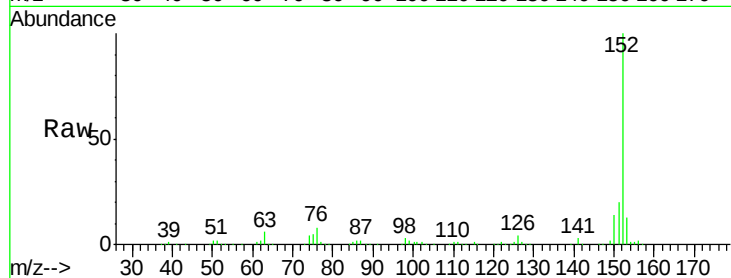
Tot Ion:152 Resp: 286419

Ion Ratio Lower Upper

152 100

151 19.6 14.6 22.0

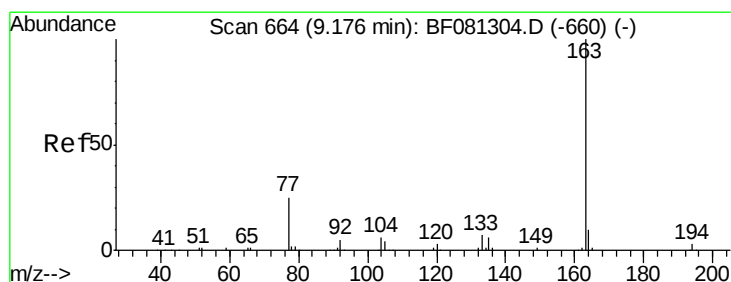
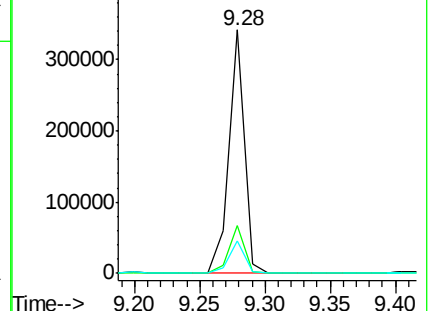
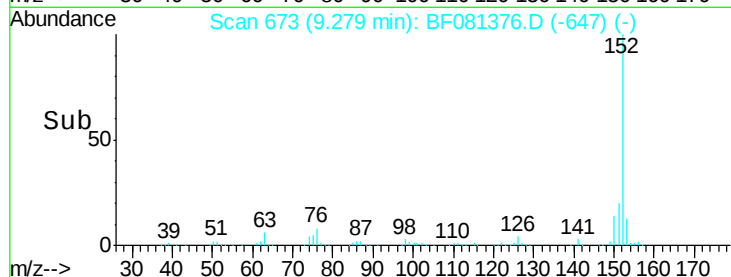
153 13.5 10.3 15.5



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: 15.25 ng

RT: 9.16 min Scan# 663

Delta R.T. -0.01 min

Lab File: BF081376.D

Acq: 3 Sep 2015 5:30

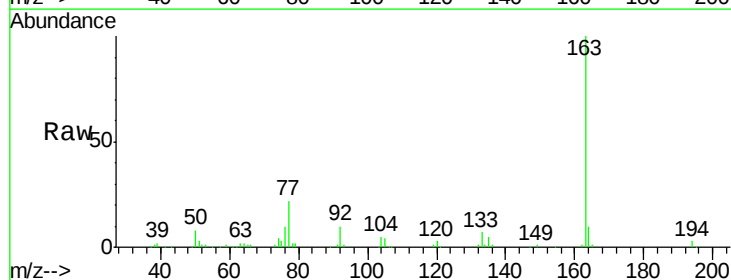
Tgt Ion:163 Resp: 113708

Ion Ratio Lower Upper

163 100

194 3.4 4.4 6.6#

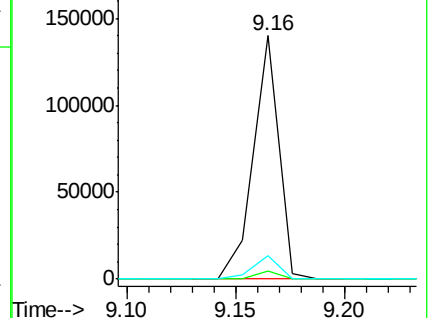
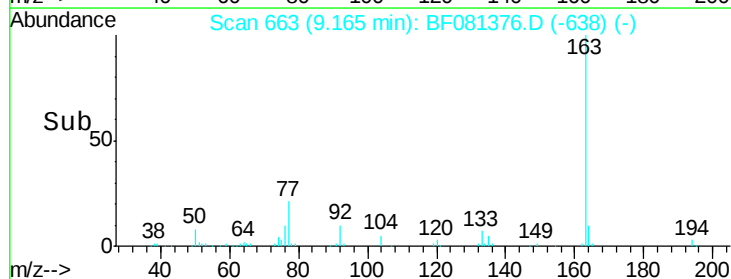
164 9.7 8.3 12.5

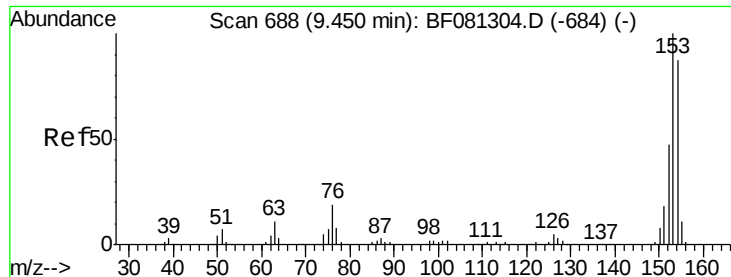


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 7.78 ng

RT: 9.45 min Scan# 688

Delta R.T. 0.00 min

Lab File: BF081376.D

Acq: 3 Sep 2015 5:30

Instrument :

BNA_F

ClientSampleId :

MGP207BR-25-25.5

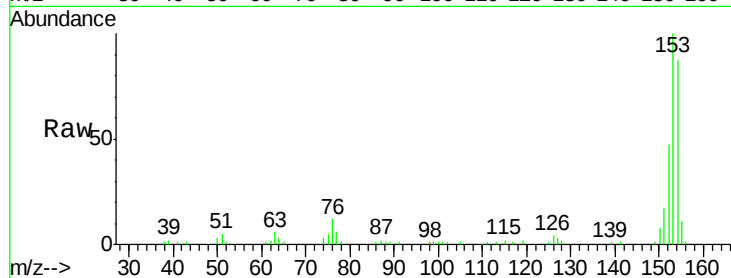
Tot Ion:154 Resp: 50085

Ion Ratio Lower Upper

154 100

153 114.8 82.1 123.1

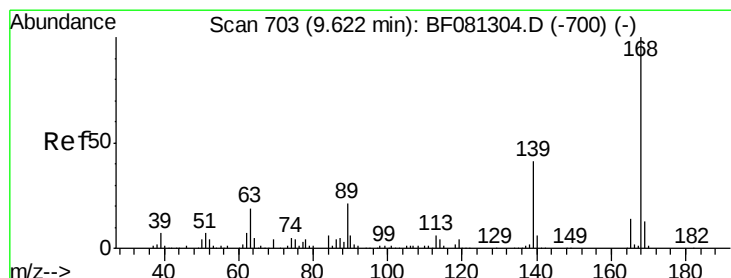
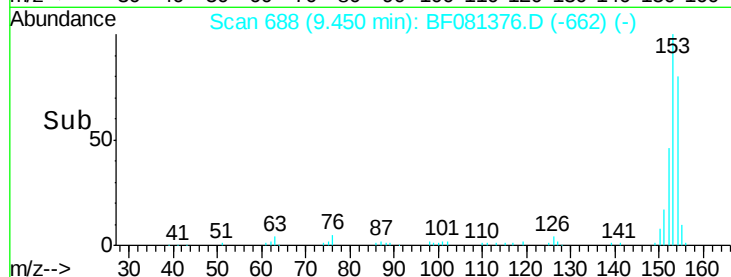
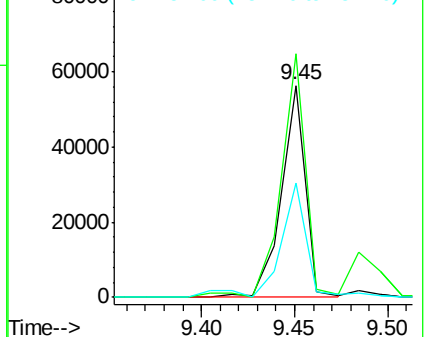
152 54.1 37.9 56.9



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: 17.05 ng

RT: 9.62 min Scan# 703

Delta R.T. 0.00 min

Lab File: BF081376.D

Acq: 3 Sep 2015 5:30

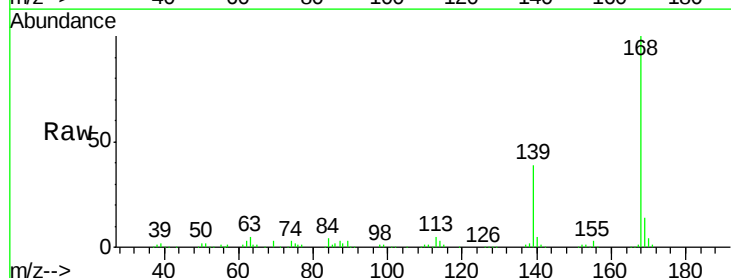
Tgt Ion:168 Resp: 160277

Ion Ratio Lower Upper

168 100

139 38.8 24.2 36.2#

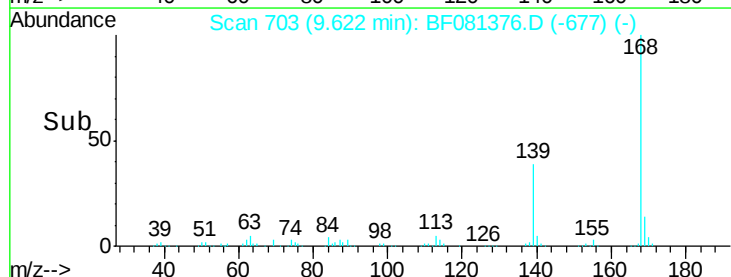
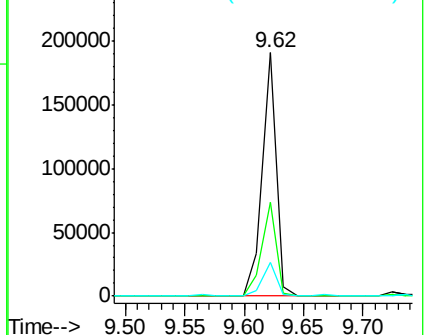
169 13.9 10.6 15.8

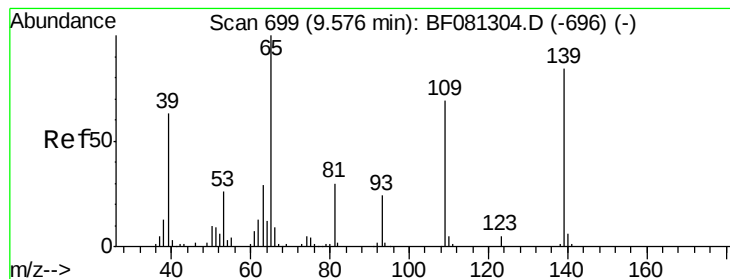


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 53.31 ng

RT: 9.62 min Scan# 703

Delta R.T. 0.05 min

Lab File: BF081376.D

Acq: 3 Sep 2015 5:30

Instrument :

BNA_F

ClientSampleId :

MGP207BR-25-25.5

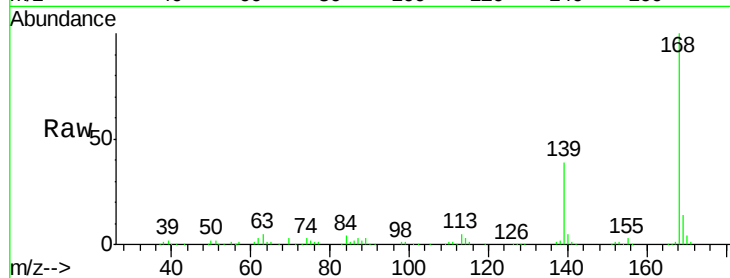
Tot Ion:139 Resp: 64546

Ion Ratio Lower Upper

139 100

109 0.9 12.7 52.7#

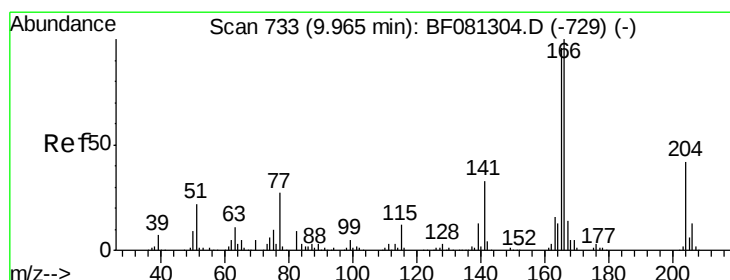
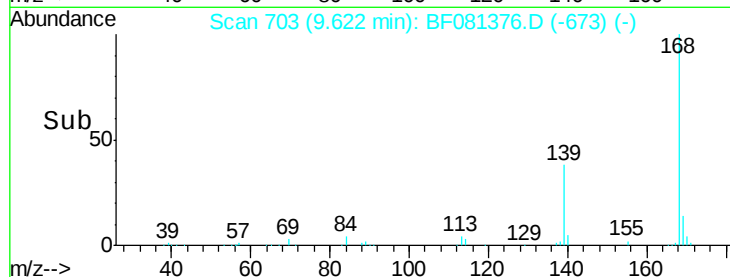
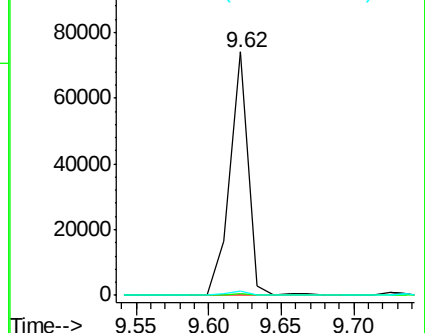
65 1.6 45.9 85.9#



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



#57

Fluorene

Concen: 22.72 ng

RT: 9.95 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF081376.D

Acq: 3 Sep 2015 5:30

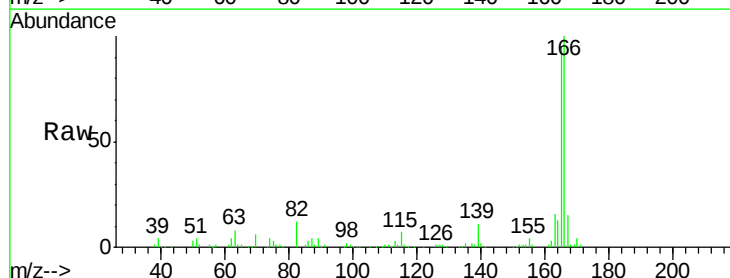
Tgt Ion:166 Resp: 162081

Ion Ratio Lower Upper

166 100

165 95.2 72.6 109.0

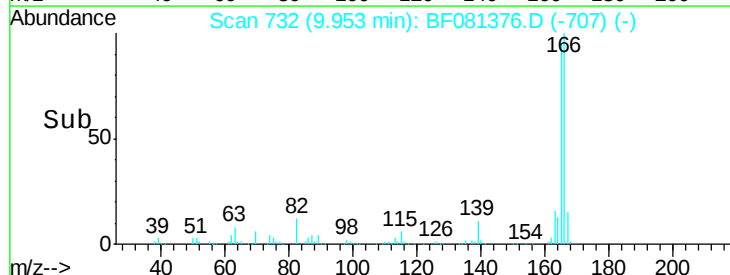
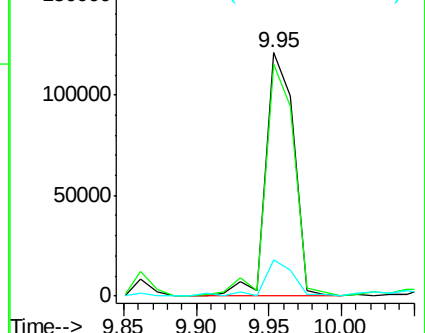
167 15.1 10.6 16.0

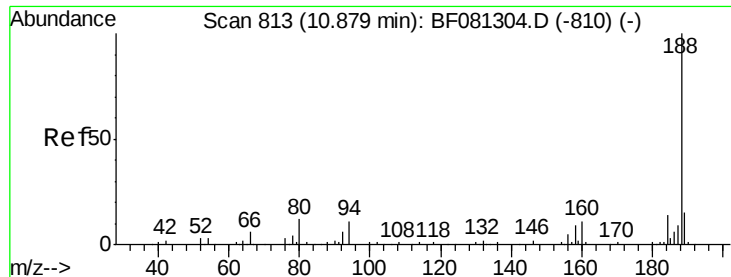


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

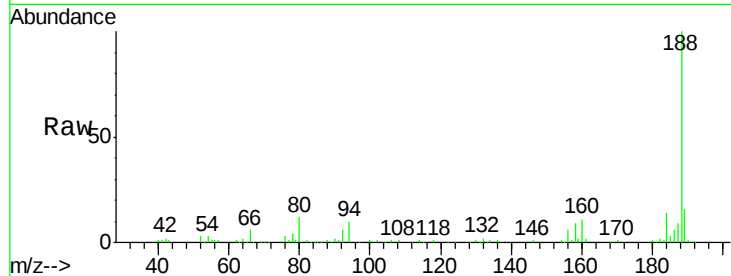




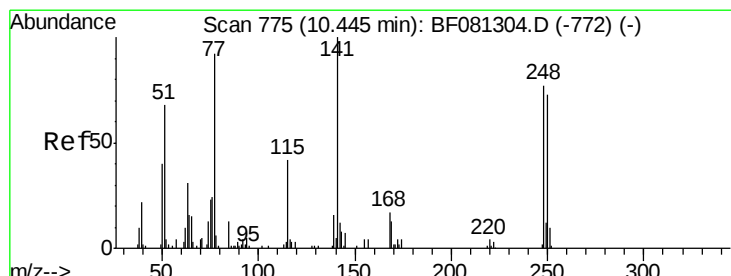
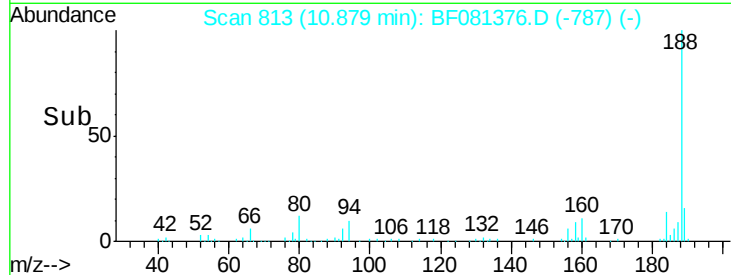
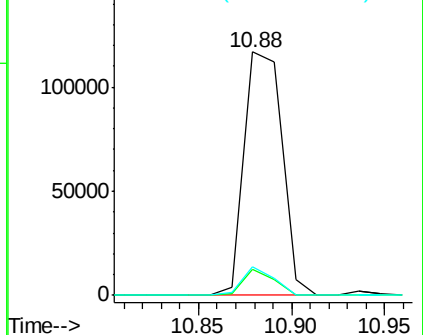
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.88 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF081376.D
Acq: 3 Sep 2015 5:30

Instrument :
BNA_F
ClientSampleId :
MGP207BR-25-25.5

Tot Ion:188 Resp: 165306
Ion Ratio Lower Upper
188 100
94 10.5 11.1 16.7#
80 11.9 11.0 16.4

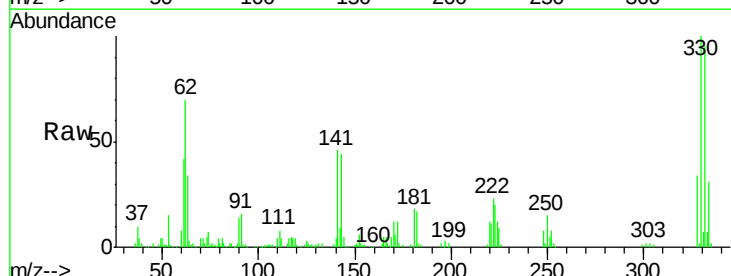


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

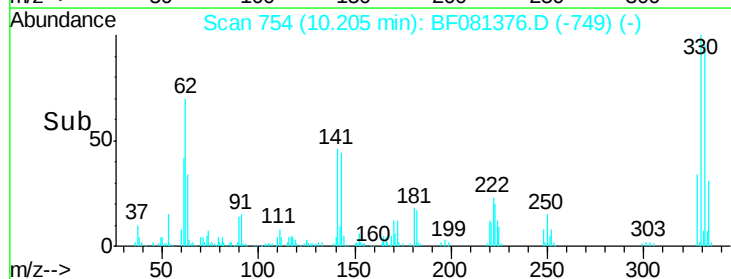
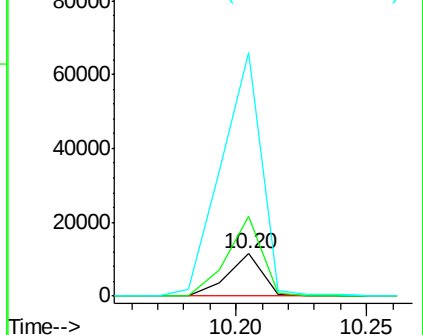


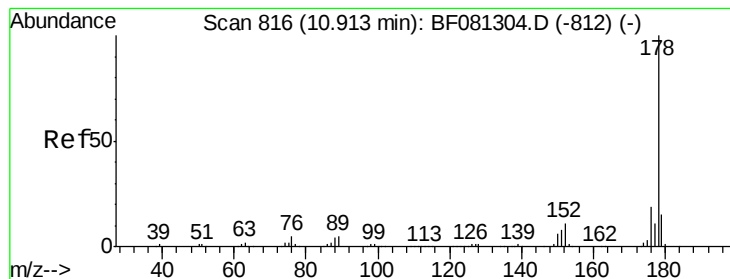
#66
4-Bromophenyl-phenylether
Concen: 6.40 ng
RT: 10.20 min Scan# 754
Delta R.T. -0.24 min
Lab File: BF081376.D
Acq: 3 Sep 2015 5:30

Tgt Ion:248 Resp: 10692
Ion Ratio Lower Upper
248 100
250 187.5 78.5 117.7#
141 571.7 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: 103.39 ng

RT: 10.91 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF081376.D

Acq: 3 Sep 2015 5:30

Instrument :

BNA_F

ClientSampleId :

MGP207BR-25-25.5

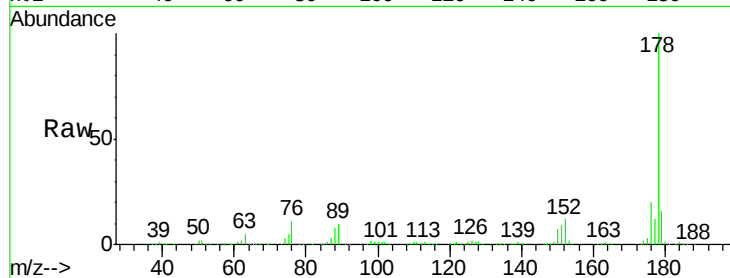
Tot Ion:178 Resp: 950210

Ion Ratio Lower Upper

178 100

176 20.1 13.8 20.8

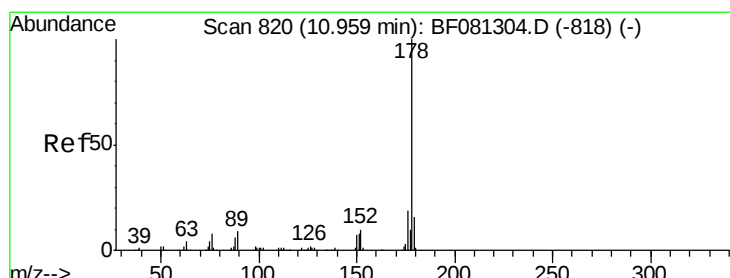
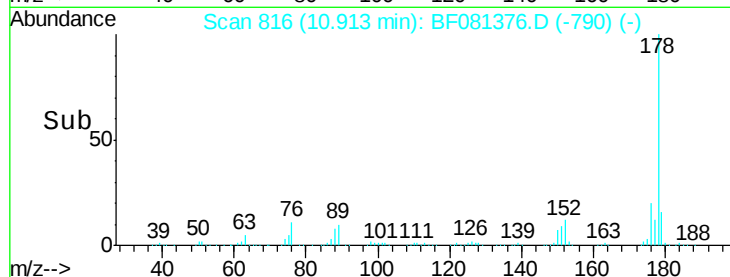
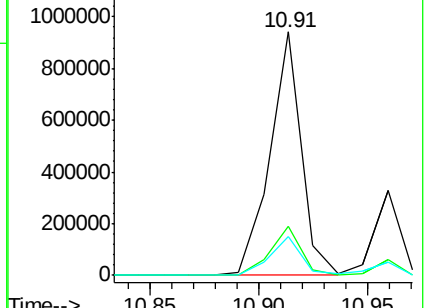
179 16.1 12.2 18.2



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: 28.71 ng

RT: 10.96 min Scan# 820

Delta R.T. 0.00 min

Lab File: BF081376.D

Acq: 3 Sep 2015 5:30

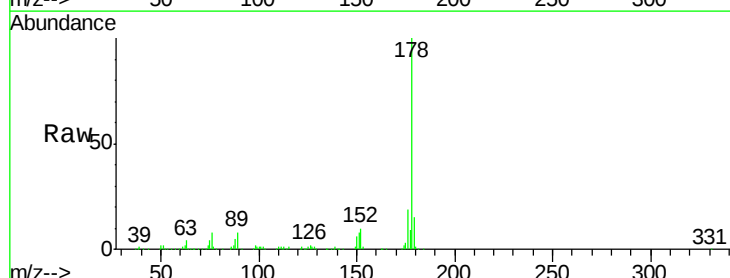
Tgt Ion:178 Resp: 271076

Ion Ratio Lower Upper

178 100

176 19.1 14.1 21.1

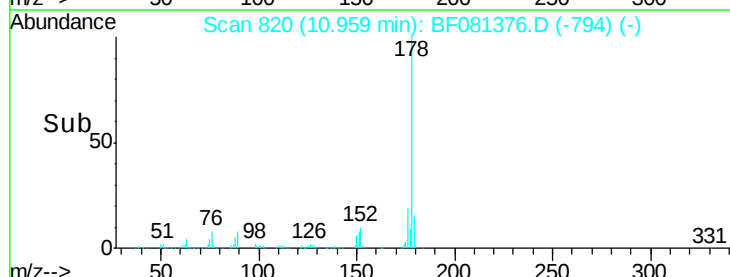
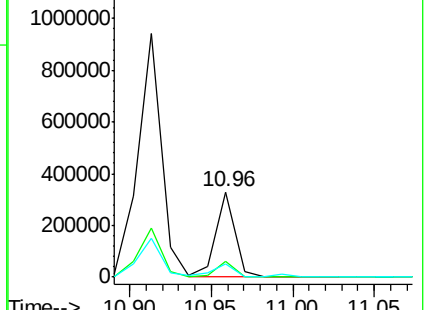
179 15.3 12.2 18.2

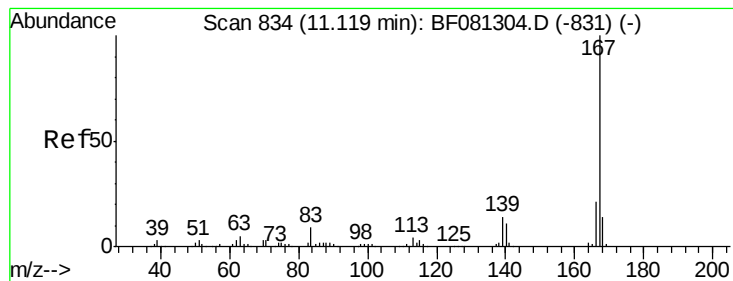


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 11.27 ng

RT: 11.12 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF081376.D

Acq: 3 Sep 2015 5:30

Instrument :

BNA_F

ClientSampleId :

MGP207BR-25-25.5

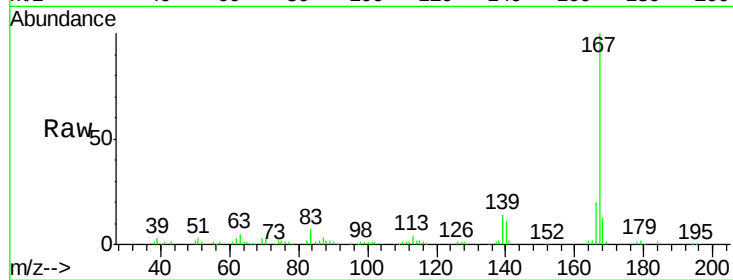
Tot Ion:167 Resp: 99896

Ion Ratio Lower Upper

167 100

166 20.4 15.7 23.5

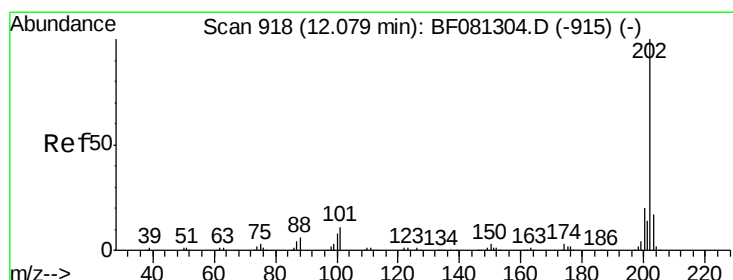
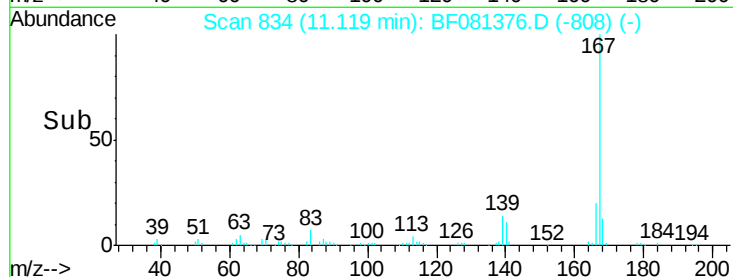
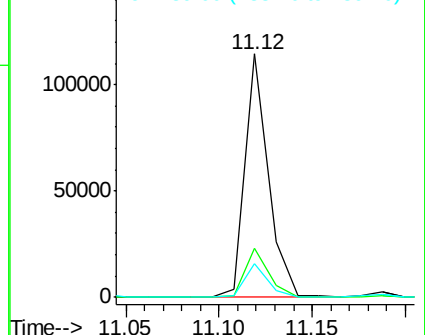
139 14.0 9.5 14.3



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: 93.39 ng

RT: 12.09 min Scan# 919

Delta R.T. 0.01 min

Lab File: BF081376.D

Acq: 3 Sep 2015 5:30

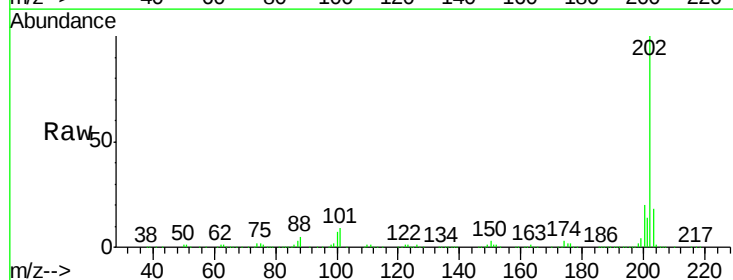
Tgt Ion:202 Resp: 929092

Ion Ratio Lower Upper

202 100

101 9.0 0.0 38.3

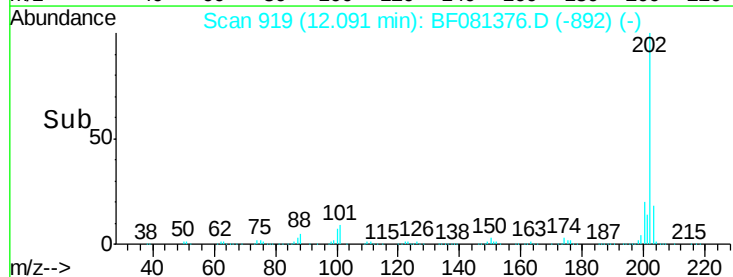
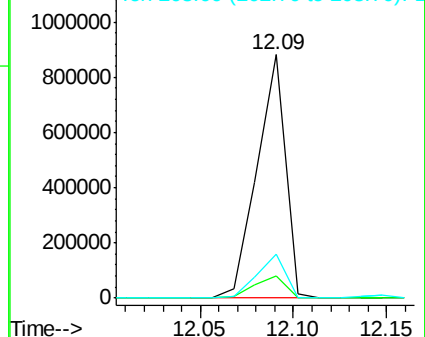
203 18.1 0.0 37.3

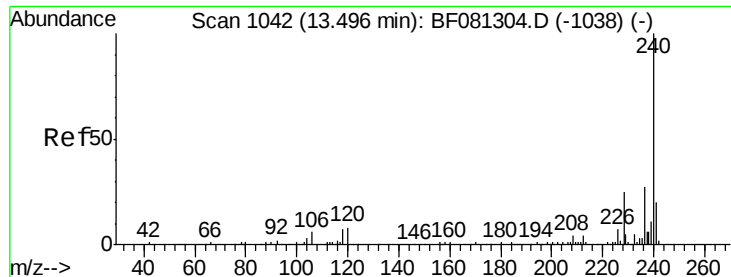


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.50 min Scan# 1042

Delta R.T. 0.00 min

Lab File: BF081376.D

Acq: 3 Sep 2015 5:30

Instrument :

BNA_F

ClientSampleId :

MGP207BR-25-25.5

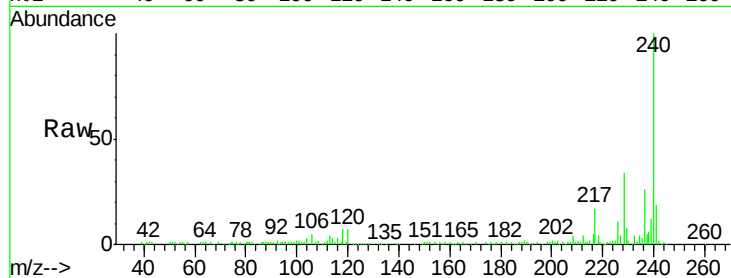
Tot Ion:240 Resp: 103273

Ion Ratio Lower Upper

240 100

120 7.4 16.2 24.2#

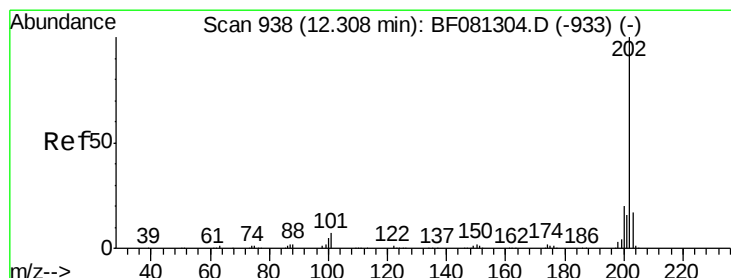
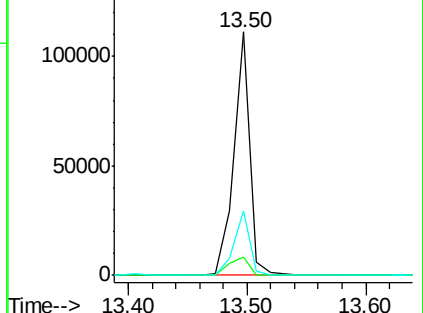
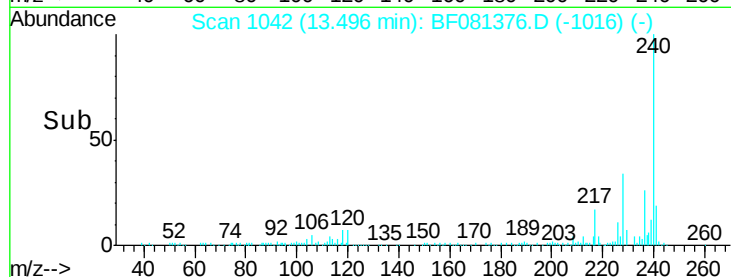
236 26.3 18.4 27.6



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: 95.05 ng

RT: 12.31 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF081376.D

Acq: 3 Sep 2015 5:30

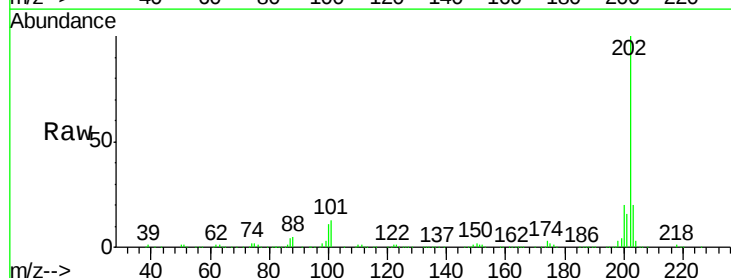
Tgt Ion:202 Resp: 727147

Ion Ratio Lower Upper

202 100

200 20.2 15.0 22.4

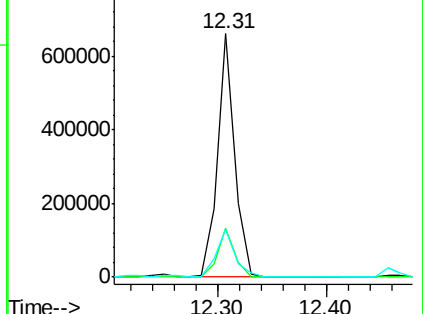
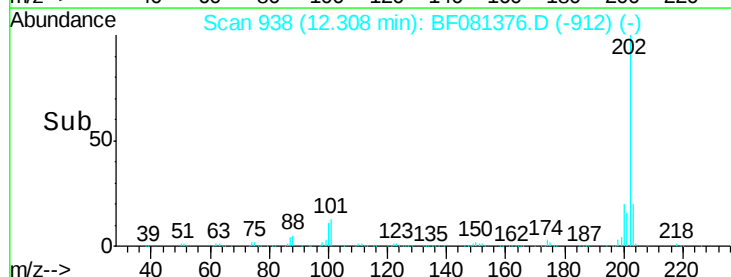
203 19.8 14.1 21.1

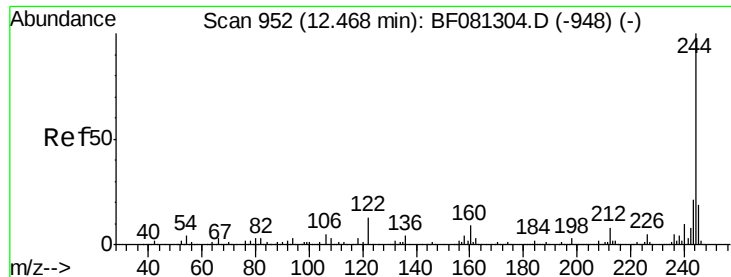


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

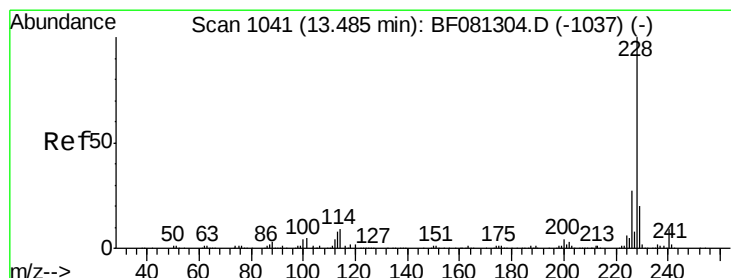
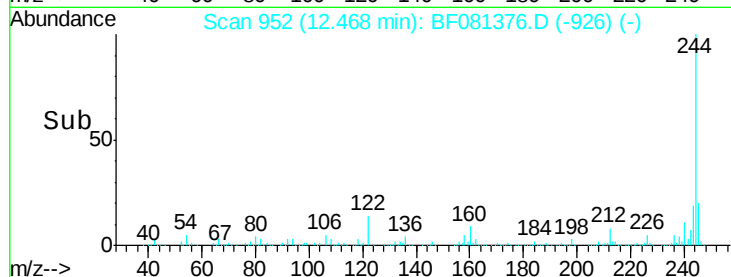
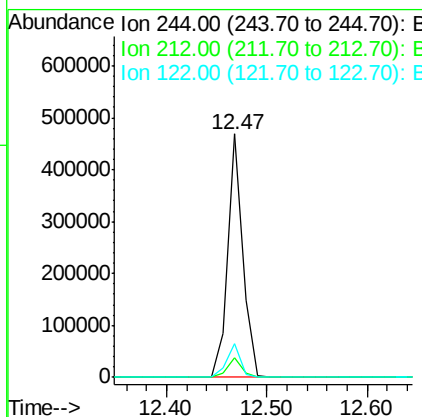
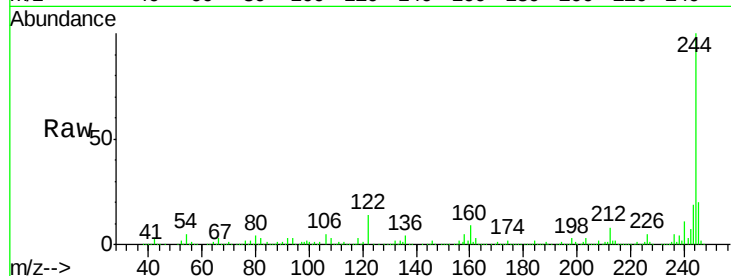




#78
 Terphenyl-d14
 Concen: 109.87 ng
 RT: 12.47 min Scan# 952
 Delta R.T. 0.00 min
 Lab File: BF081376.D
 Acq: 3 Sep 2015 5:30

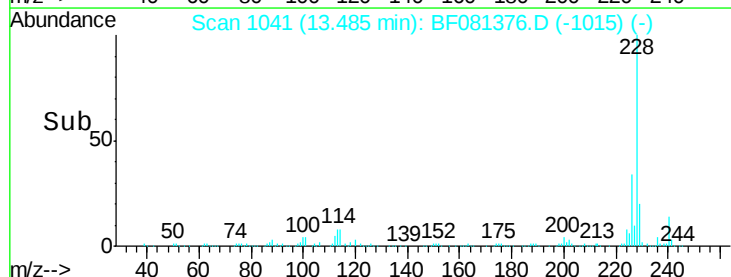
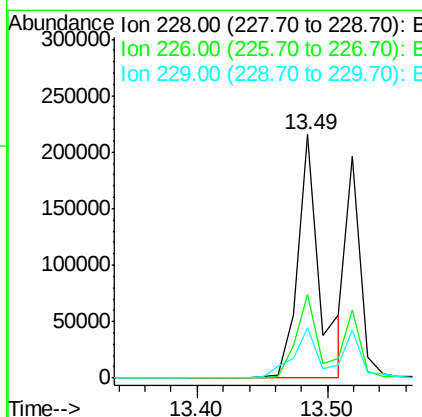
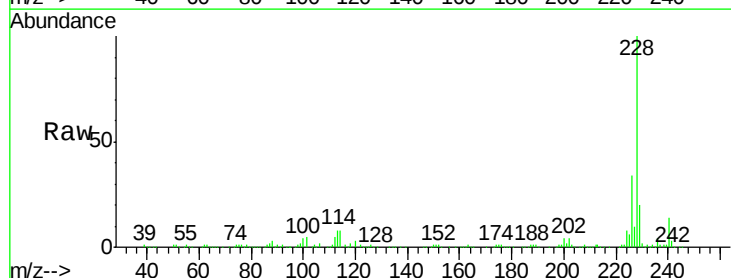
Instrument :
 BNA_F
 ClientSampleId :
 MGP207BR-25-25.5

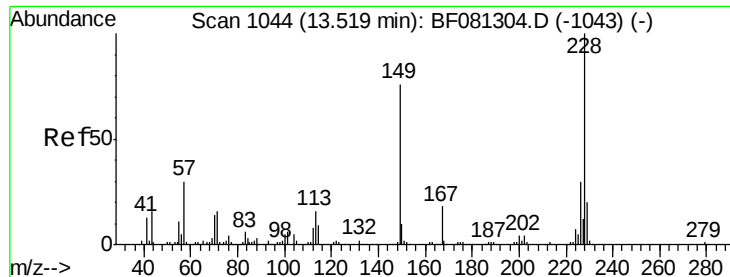
Tot Ion:244 Resp: 487424
 Ion Ratio Lower Upper
 244 100
 212 8.1 4.3 6.5#
 122 13.7 17.4 26.2#



#80
 Benzo(a)anthracene
 Concen: 38.78 ng
 RT: 13.49 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF081376.D
 Acq: 3 Sep 2015 5:30

Tgt Ion:228 Resp: 255019
 Ion Ratio Lower Upper
 228 100
 226 34.2 20.0 30.0#
 229 20.4 15.4 23.2





#82

Chrysene

Concen: 25.61 ng

RT: 13.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF081376.D

Acq: 3 Sep 2015 5:30

Instrument :

BNA_F

ClientSampleId :

MGP207BR-25-25.5

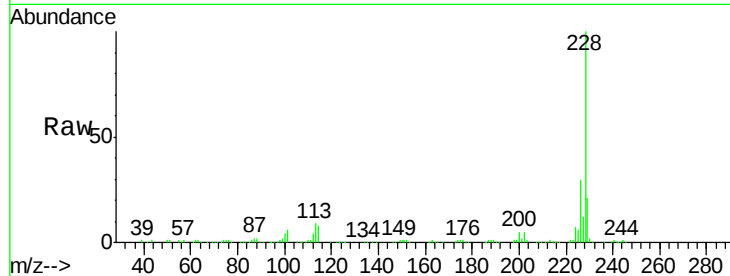
Tot Ion:228 Resp: 150991

Ion Ratio Lower Upper

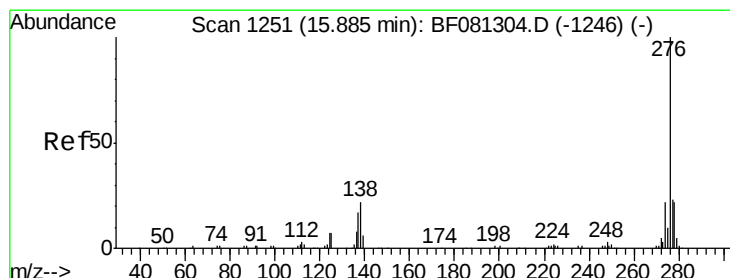
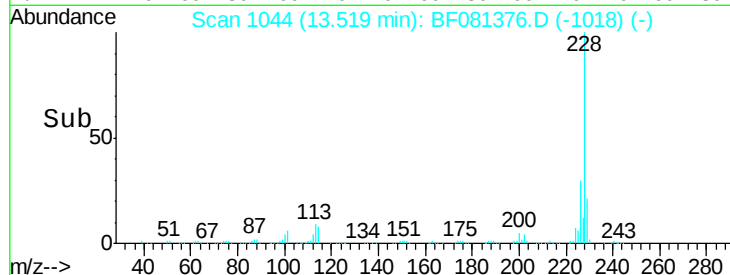
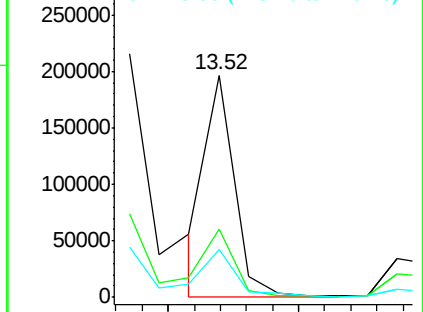
228 100

226 30.5 21.0 31.4

229 21.3 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 28.30 ng

RT: 15.90 min Scan# 1252

Delta R.T. 0.01 min

Lab File: BF081376.D

Acq: 3 Sep 2015 5:30

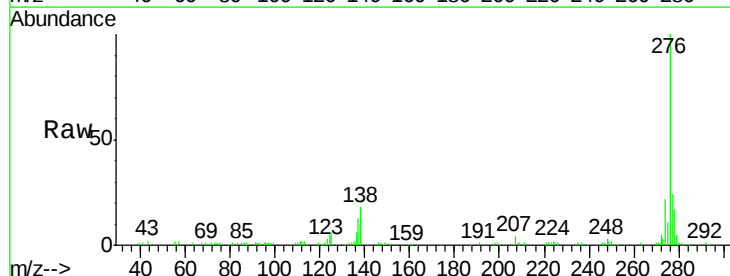
Tgt Ion:276 Resp: 122399

Ion Ratio Lower Upper

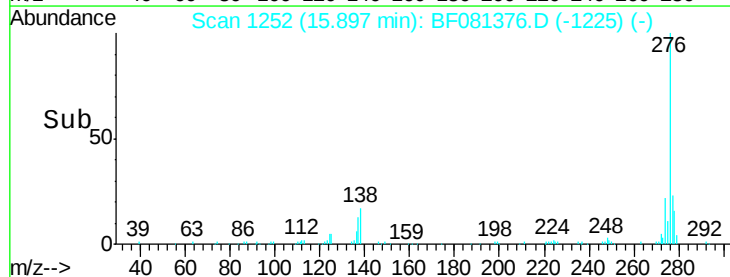
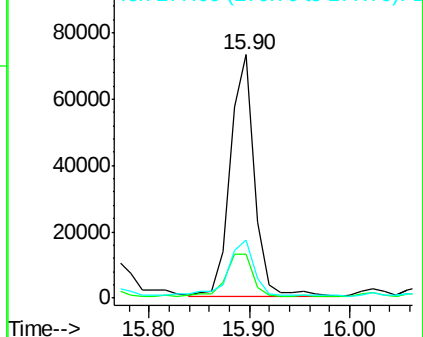
276 100

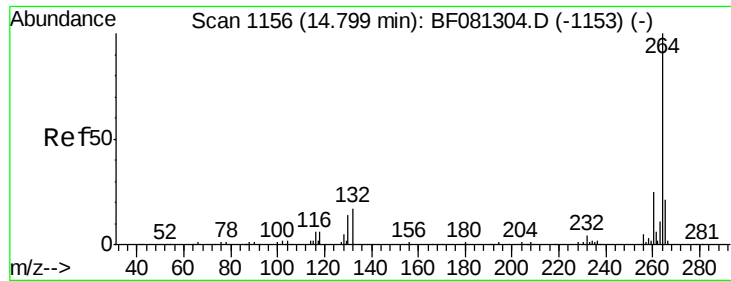
138 19.8 25.7 38.5#

277 26.7 15.6 23.4#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

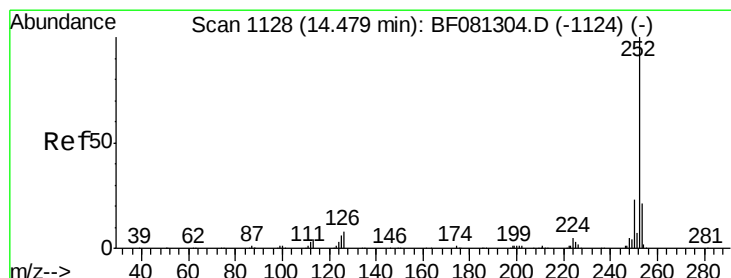
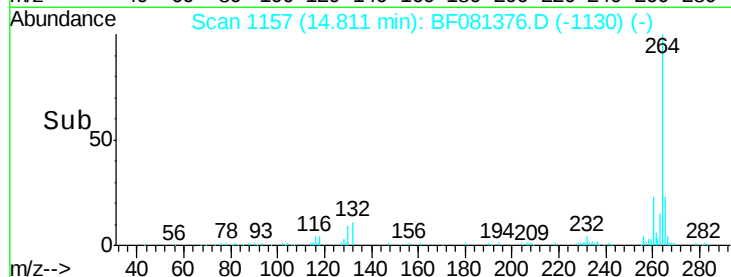
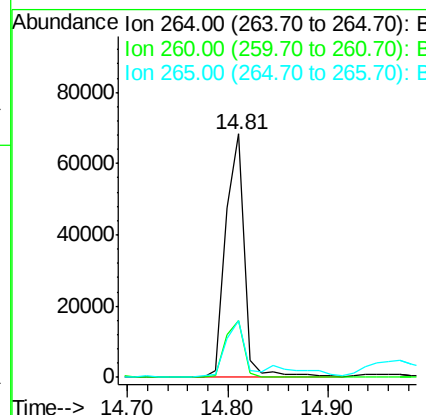
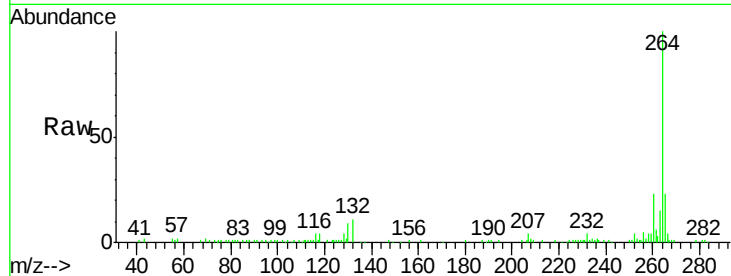




#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.81 min Scan# 1157
Delta R.T. 0.01 min
Lab File: BF081376.D
Acq: 3 Sep 2015 5:30

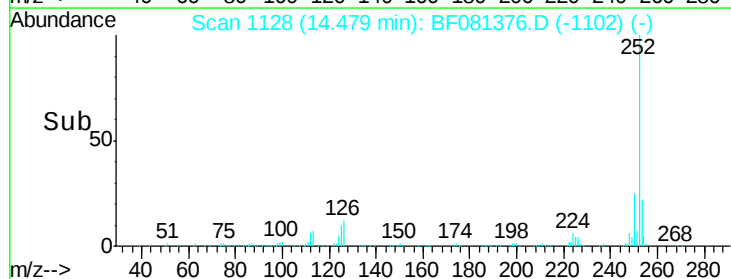
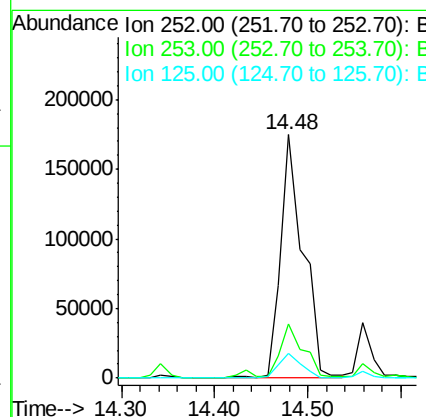
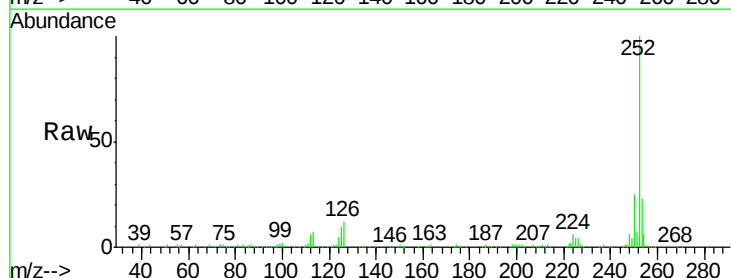
Instrument :
BNA_F
ClientSampleId :
MGP207BR-25-25.5

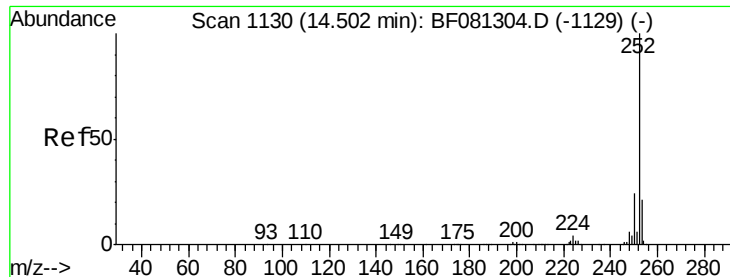
Tot Ion:264 Resp: 87968
Ion Ratio Lower Upper
264 100
260 23.3 16.7 25.1
265 23.2 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 46.56 ng
RT: 14.48 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF081376.D
Acq: 3 Sep 2015 5:30

Tgt Ion:252 Resp: 292394
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 10.2 17.1 25.7#





#88

Benzo(k)fluoranthene

Concen: 56.11 ng

RT: 14.48 min Scan# 1128

Delta R.T. -0.02 min

Lab File: BF081376.D

Acq: 3 Sep 2015 5:30

Instrument :

BNA_F

ClientSampleId :

MGP207BR-25-25.5

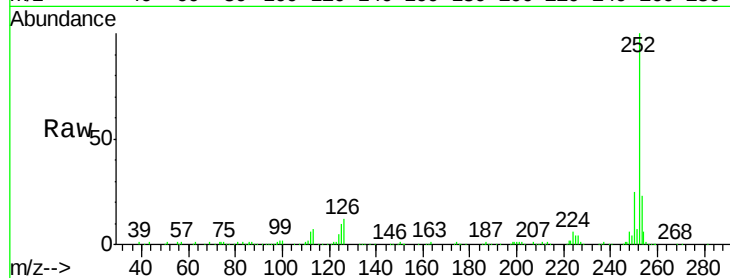
Tot Ion:252 Resp: 292394

Ion Ratio Lower Upper

252 100

253 22.5 17.0 25.4

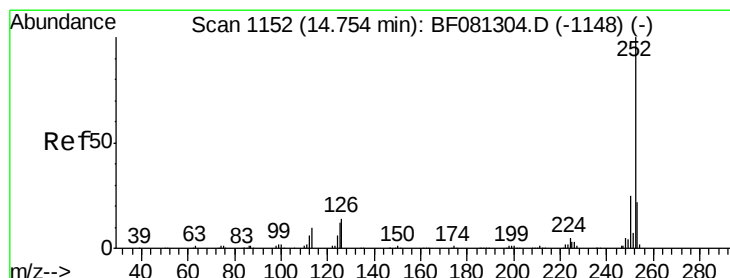
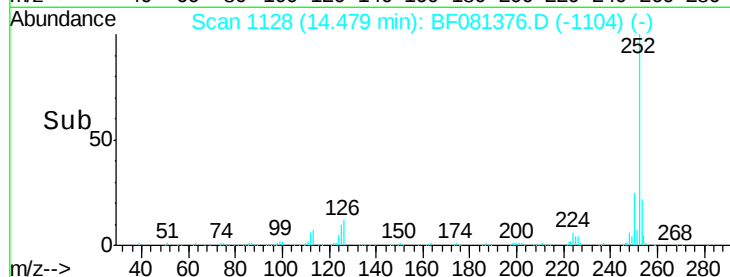
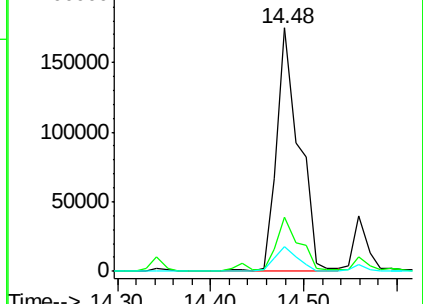
125 10.2 16.0 24.0#



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: 34.86 ng

RT: 14.75 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BF081376.D

Acq: 3 Sep 2015 5:30

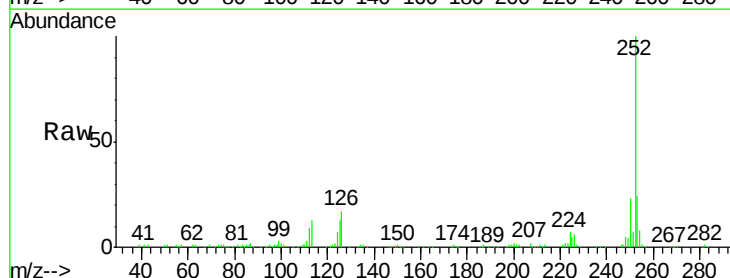
Tgt Ion:252 Resp: 185520

Ion Ratio Lower Upper

252 100

253 23.8 17.2 25.8

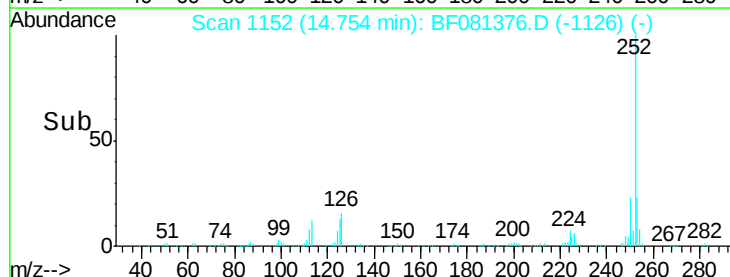
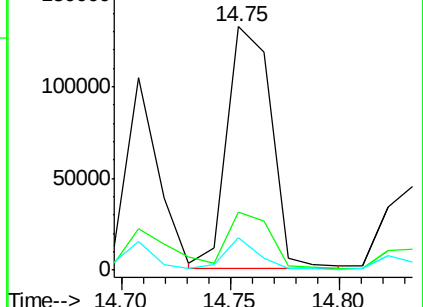
125 13.2 18.0 27.0#

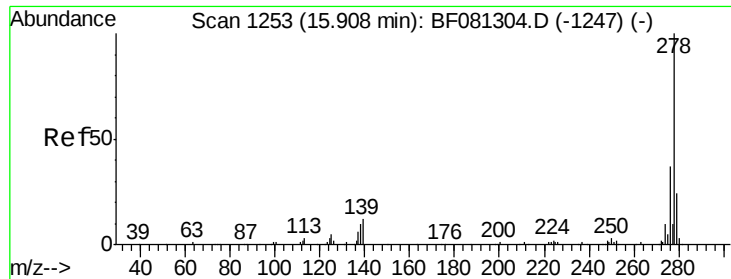


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 6.61 ng

RT: 15.90 min Scan# 1252

Delta R.T. -0.01 min

Lab File: BF081376.D

Acq: 3 Sep 2015 5:30

Instrument :

BNA_F

ClientSampleId :

MGP207BR-25-25.5

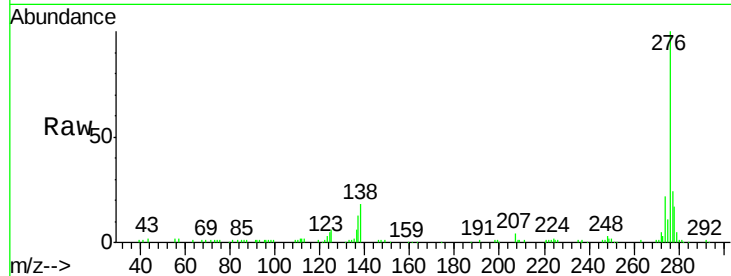
Tot Ion:278 Resp: 27192

Ion Ratio Lower Upper

278 100

139 0.0 26.3 39.5#

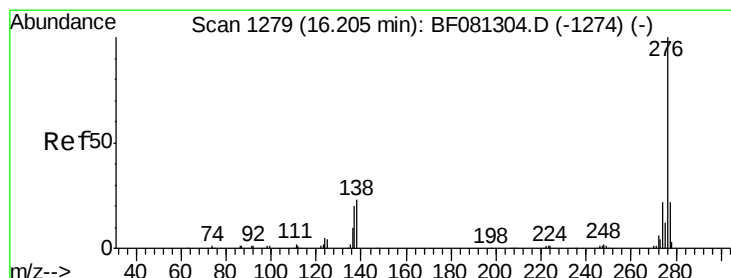
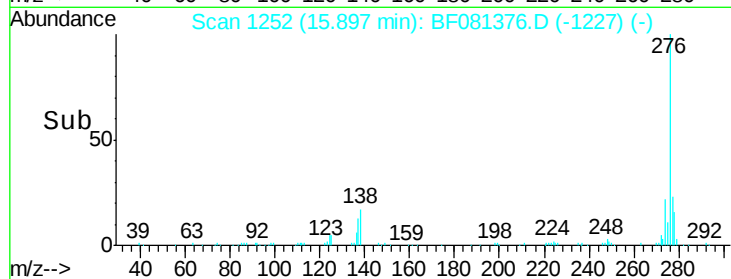
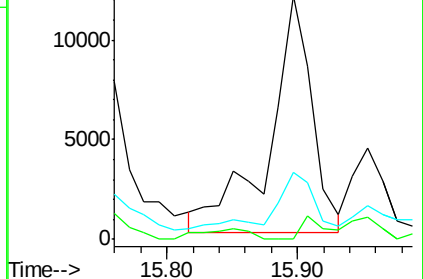
279 27.5 18.2 27.4#



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: 33.43 ng

RT: 16.22 min Scan# 1280

Delta R.T. 0.01 min

Lab File: BF081376.D

Acq: 3 Sep 2015 5:30

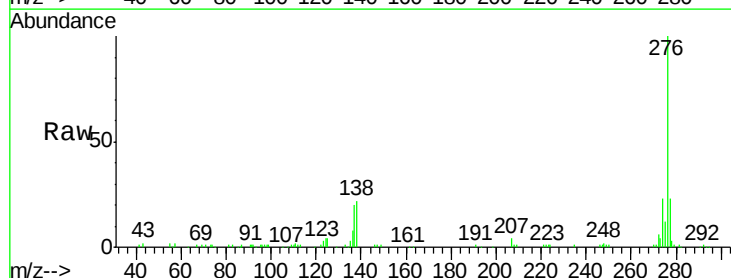
Tgt Ion:276 Resp: 131193

Ion Ratio Lower Upper

276 100

277 23.3 17.8 26.6

138 21.5 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

