

Data Path : Z:\HPCHEM1\BNA_F\Data\BF091615\
 Data File : BF081670.D
 Acq On : 17 Sep 2015 7:16
 Operator : UM/IZ
 Sample : G3654-01DL 10X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MGP203(2-4)DL

Quant Time: Sep 17 07:50:27 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 15 14:03:59 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	41249	20.00	ng	-0.03
21) Naphthalene-d8	11.13	136	162231	20.00	ng	0.01
38) Acenaphthene-d10	15.21	164	74067	20.00	ng	-0.05
63) Phenanthrene-d10	18.72	188	143562	20.00	ng	-0.03
75) Chrysene-d12	23.36	240	96485	20.00	ng	-0.02
86) Perylene-d12	24.79	264	76794	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	28791	10.83	ng	-0.01
7) Phenol-d6	7.61	99	42393	12.05	ng	-0.03
23) Nitrobenzene-d5	9.49	82	27951	8.31	ng	-0.05
41) 2,4,6-Tribromophenol	17.12	330	6973	10.57	ng	-0.05
44) 2-Fluorobiphenyl	13.73	172	48931	8.47	ng	-0.05
78) Terphenyl-d14	22.08	244	37668	9.09	ng	-0.03

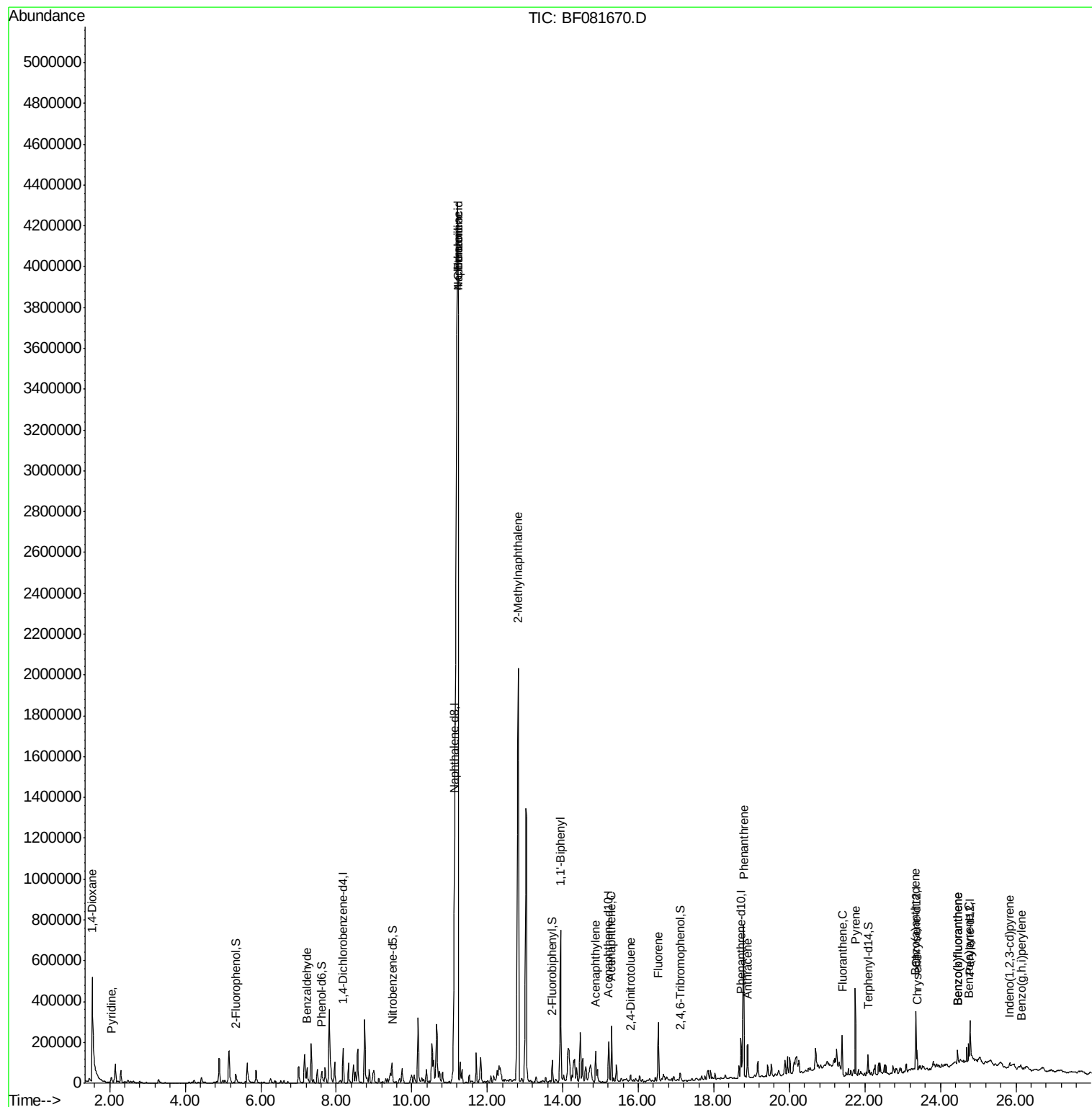
Target Compounds						Qvalue
2) 1,4-Dioxane	1.53	88	30790	25.79	ng	# 11
3) Pyridine	2.05	79	16681	5.07	ng	# 27
9) Benzaldehyde	7.22	77	6420	2.91	ng	# 1
31) Naphthalene	11.22	128	9449658	1092.20	ng	95
32) Benzoic acid	11.23	122	24592	14.95	ng	# 1
33) 4-Chloroaniline	11.22	127	1163493	329.70	ng	# 33
37) 2-Methylnaphthalene	12.82	142	1396472	248.03	ng	# 87
45) 1,1'-Biphenyl	13.94	154	409297	60.07	ng	95
48) Acenaphthylene	14.87	152	113466	13.00	ng	99
51) Acenaphthene	15.29	154	50085	10.08	ng	# 60
56) 2,4-Dinitrotoluene	15.80	165	3868	2.33	ng	# 66
57) Fluorene	16.53	166	149258	27.12	ng	97
70) Phenanthrene	18.79	178	541502	67.85	ng	97
71) Anthracene	18.90	178	129697	15.82	ng	100
74) Fluoranthene	21.41	202	128360	14.86	ng	87
77) Pyrene	21.75	202	252524	35.33	ng	98
80) Benzo(a)anthracene	23.35	228	58561	9.53	ng	97
82) Chrysene	23.38	228	38834	7.05	ng	93
85) Indeno(1,2,3-cd)pyrene	25.83	276	12288	3.04	ng	# 85
87) Benzo(b)fluoranthene	24.46	252	34403	6.27	ng	# 88
88) Benzo(k)fluoranthene	24.46	252	34403	7.56	ng	# 89
89) Benzo(a)pyrene	24.74	252	33068	7.12	ng	# 87
91) Benzo(g,h,i)perylene	26.14	276	15111	4.41	ng	# 72

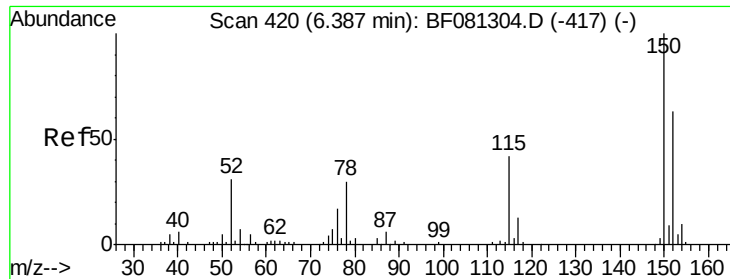
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\Data\BF091615\
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QLast Update : Tue Sep 15 14:03:59 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.18 min Scan# 599

Delta R.T. -0.03 min

Lab File: BF081670.D

Acq: 17 Sep 2015 7:16

Instrument :

BNA_F

ClientSampleId :

MGP203(2-4)DL

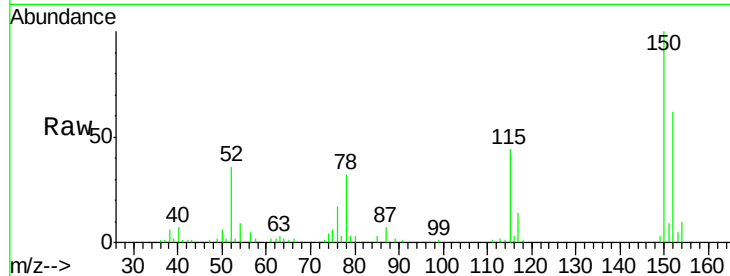
Tgt Ion:152 Resp: 41249

Ion Ratio Lower Upper

152 100

150 160.3 124.7 187.1

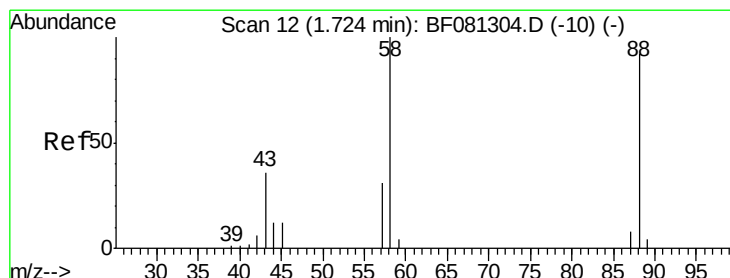
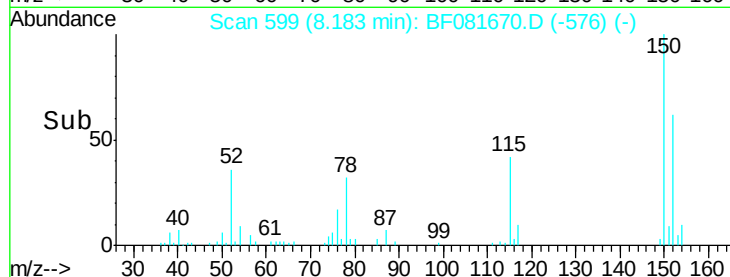
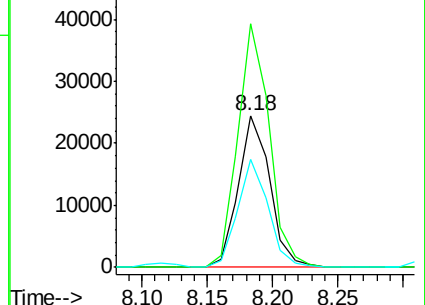
115 71.1 39.0 58.4#



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: 25.79 ng

RT: 1.53 min Scan# 17

Delta R.T. -0.03 min

Lab File: BF081670.D

Acq: 17 Sep 2015 7:16

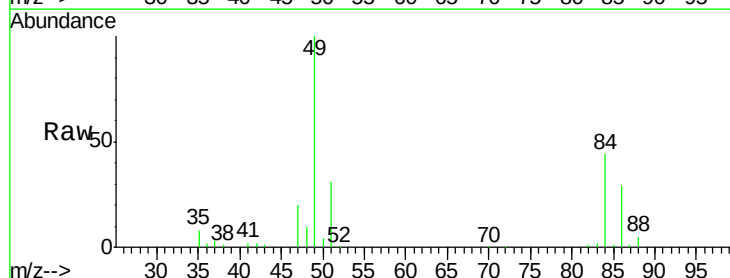
Tgt Ion: 88 Resp: 30790

Ion Ratio Lower Upper

88 100

58 0.0 77.7 116.5#

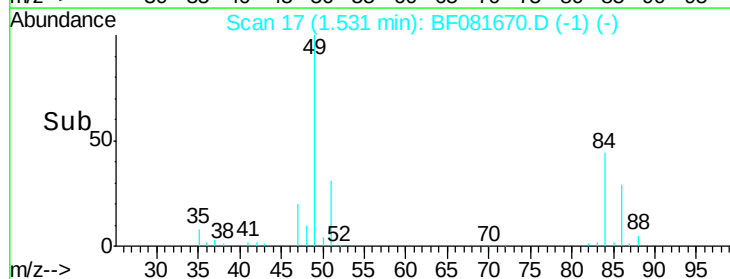
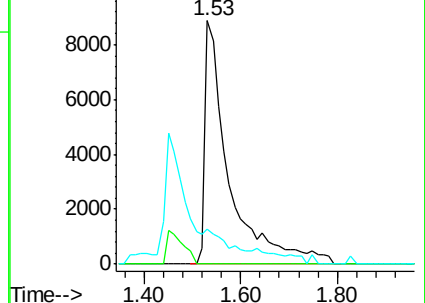
43 0.0 26.6 40.0#

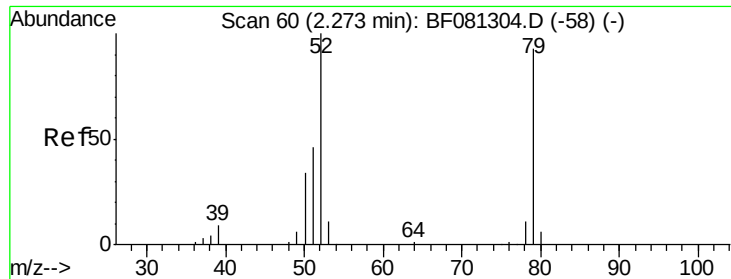


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 5.07 ng

RT: 2.05 min Scan# 62

Delta R.T. -0.03 min

Lab File: BF081670.D

Acq: 17 Sep 2015 7:16

Instrument :

BNA_F

ClientSampleId :

MGP203(2-4)DL

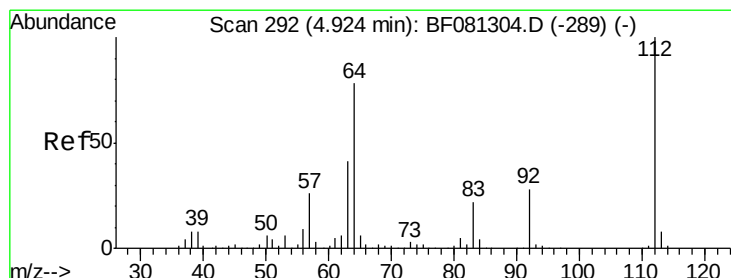
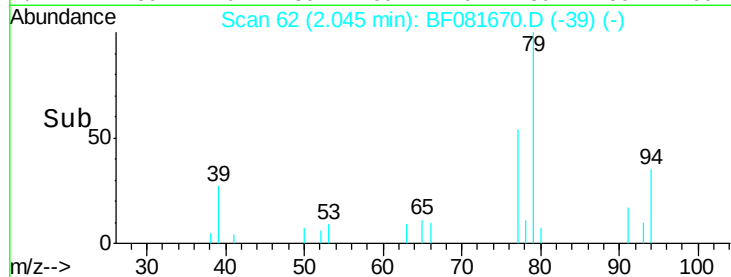
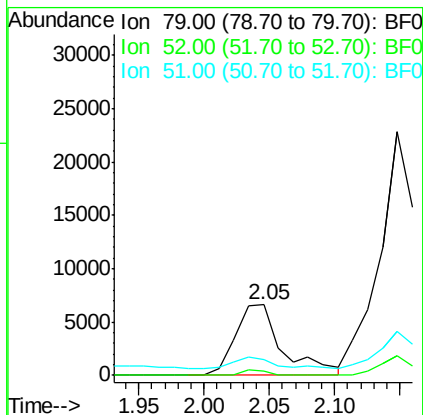
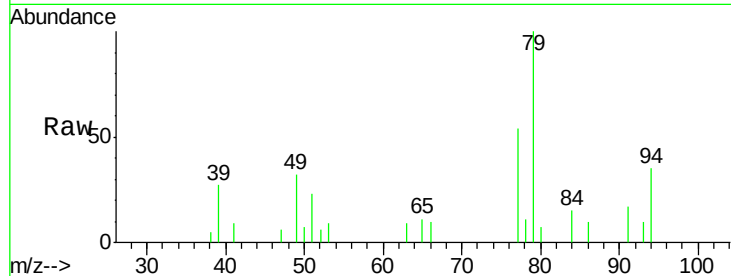
Tgt Ion: 79 Resp: 16681

Ion Ratio Lower Upper

79 100

52 6.2 76.8 115.2#

51 22.6 32.2 48.4#



#5

2-Fluorophenol

Concen: 10.83 ng

RT: 5.34 min Scan# 350

Delta R.T. -0.01 min

Lab File: BF081670.D

Acq: 17 Sep 2015 7:16

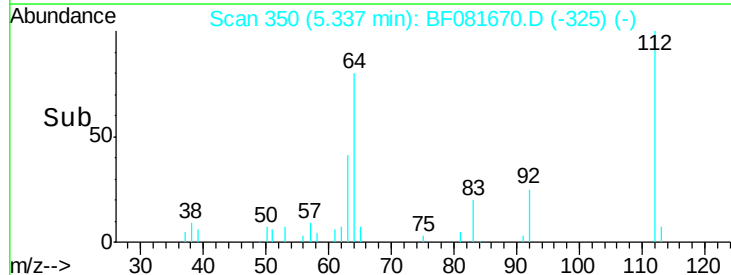
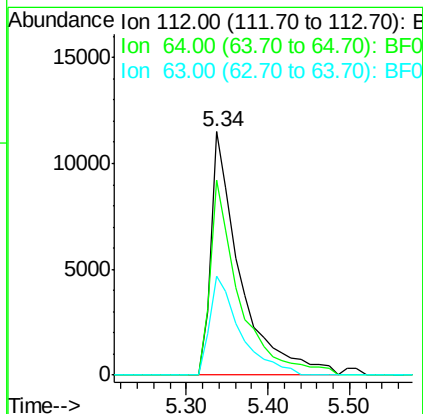
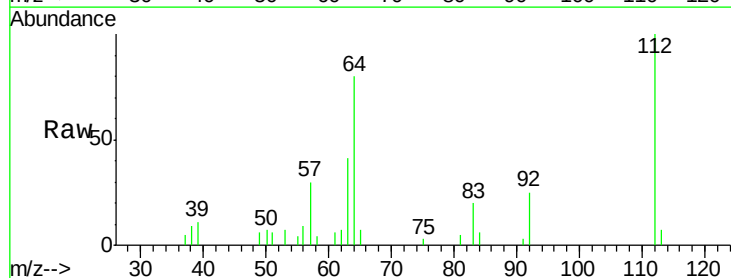
Tgt Ion: 112 Resp: 28791

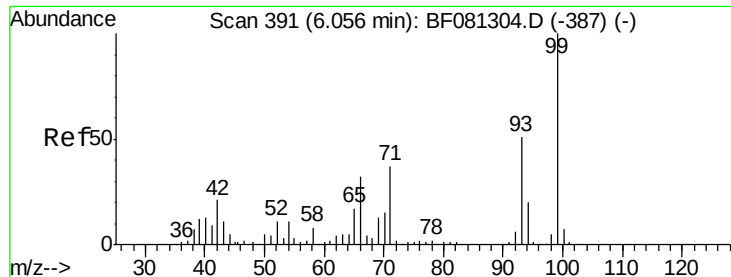
Ion Ratio Lower Upper

112 100

64 80.1 39.7 59.5#

63 40.6 17.4 26.0#





#7

Phenol-d6

Concen: 12.05 ng

RT: 7.61 min Scan# 549

Delta R.T. -0.03 min

Lab File: BF081670.D

Acq: 17 Sep 2015 7:16

Instrument :

BNA_F

ClientSampleId :

MGP203(2-4)DL

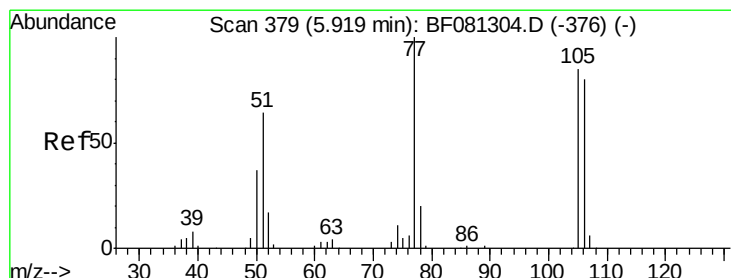
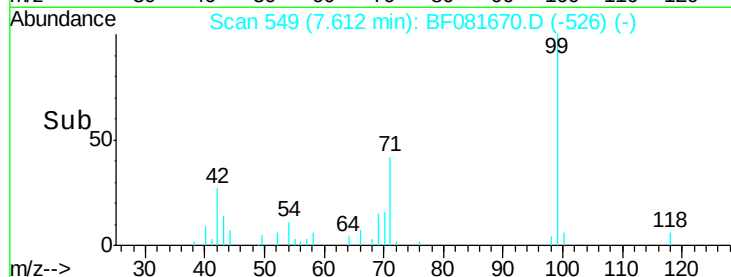
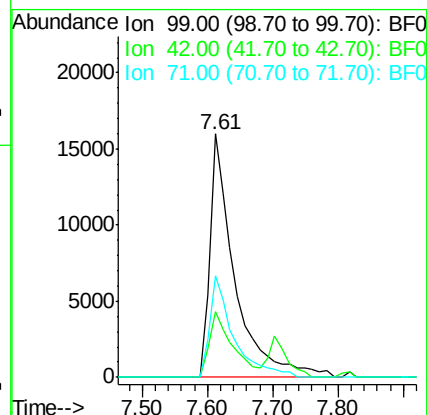
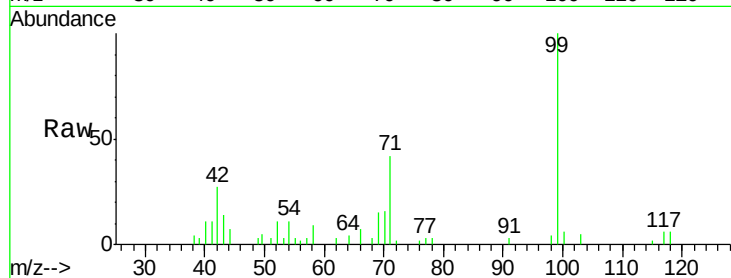
Tgt Ion: 99 Resp: 42393

Ion Ratio Lower Upper

99 100

42 26.9 13.7 20.5#

71 41.9 14.2 21.2#



#9

Benzaldehyde

Concen: 2.91 ng

RT: 7.22 min Scan# 515

Delta R.T. -0.01 min

Lab File: BF081670.D

Acq: 17 Sep 2015 7:16

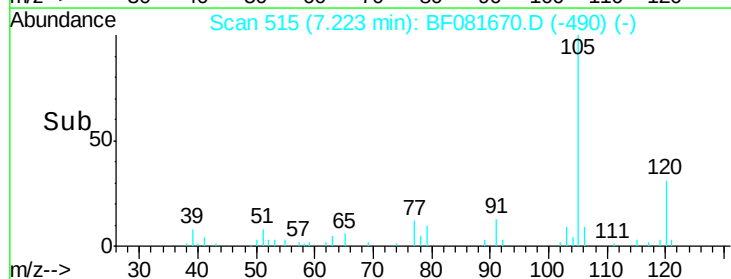
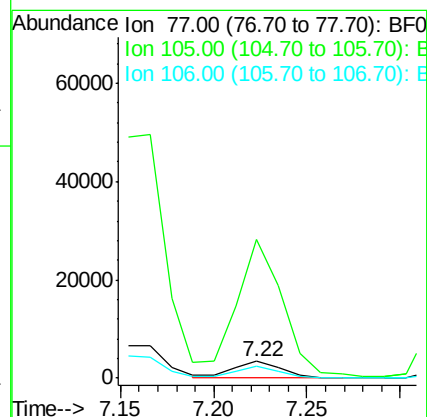
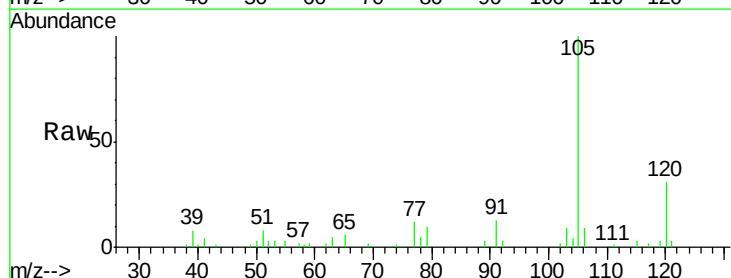
Tgt Ion: 77 Resp: 6420

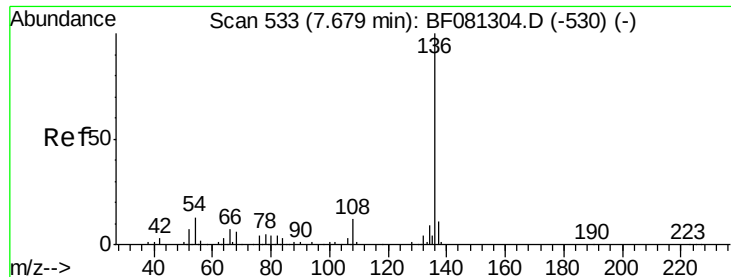
Ion Ratio Lower Upper

77 100

105 830.8 91.6 131.6#

106 74.5 102.6 142.6#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.13 min Scan# 857

Delta R.T. 0.01 min

Lab File: BF081670.D

Acq: 17 Sep 2015 7:16

Instrument :

BNA_F

ClientSampleId :

MGP203(2-4)DL

Tgt Ion:136 Resp: 162231

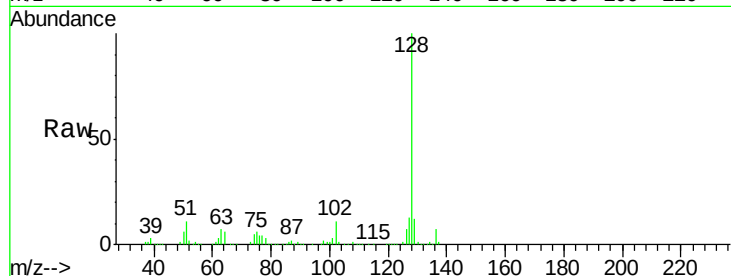
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 12.1 8.2 12.2

68 5.8 5.8 8.6

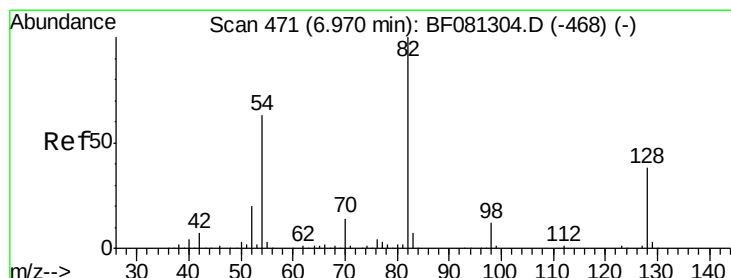
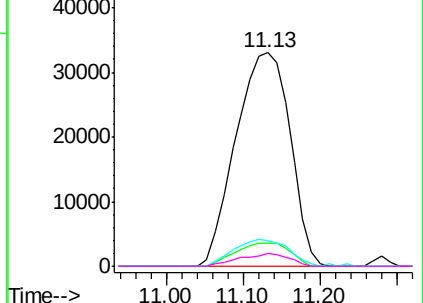
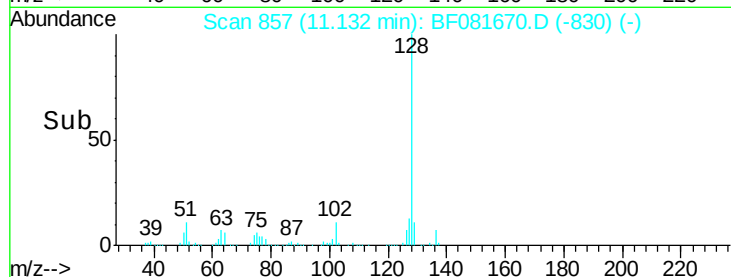


Abundance Ion 136.00 (135.70 to 136.70): E

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: 8.31 ng

RT: 9.49 min Scan# 713

Delta R.T. -0.05 min

Lab File: BF081670.D

Acq: 17 Sep 2015 7:16

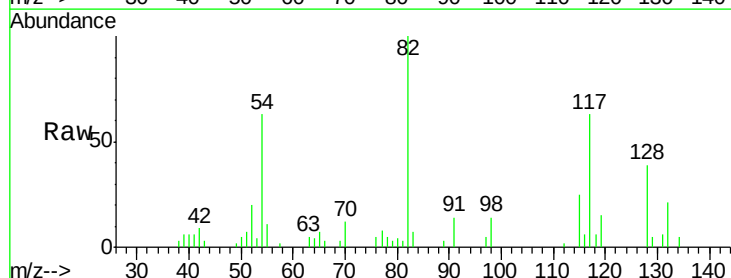
Tgt Ion: 82 Resp: 27951

Ion Ratio Lower Upper

82 100

128 39.4 51.0 76.6#

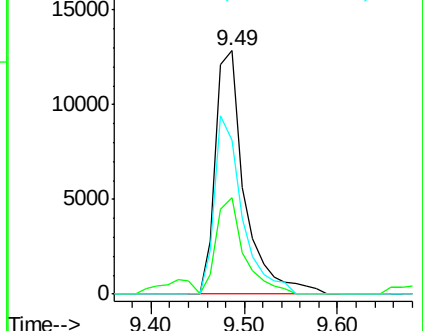
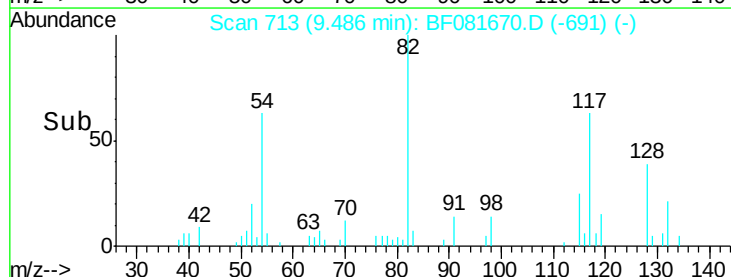
54 63.1 47.5 71.3

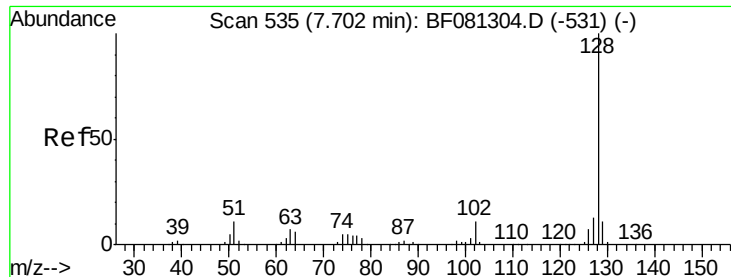


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#31

Naphthalene

Concen: 1092.20 ng

RT: 11.22 min Scan# 865

Delta R.T. 0.06 min

Lab File: BF081670.D

Acq: 17 Sep 2015 7:16

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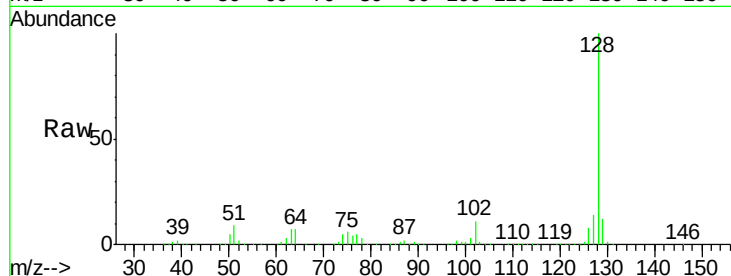
Tgt Ion:128 Resp: 9449658

Ion Ratio Lower Upper

128 100

129 12.3 8.4 12.6

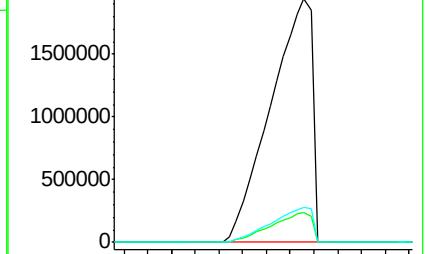
127 14.3 9.9 14.9



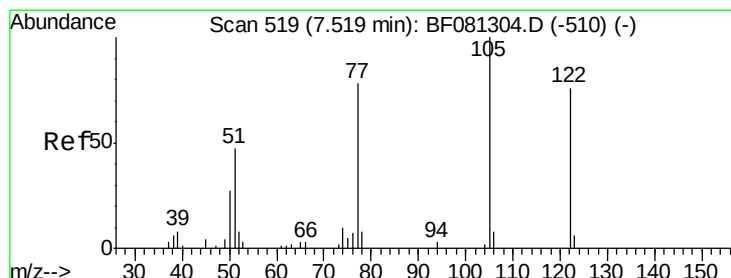
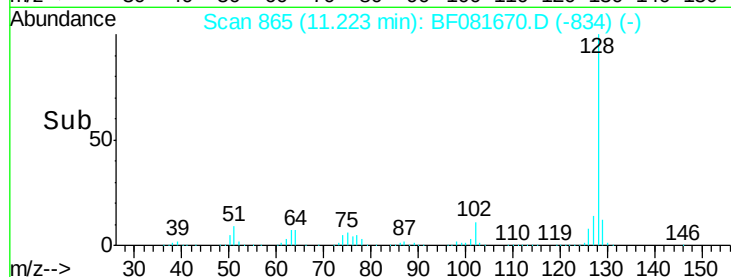
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->



#32

Benzoic acid

Concen: 14.95 ng

RT: 11.23 min Scan# 866

Delta R.T. 0.15 min

Lab File: BF081670.D

Acq: 17 Sep 2015 7:16

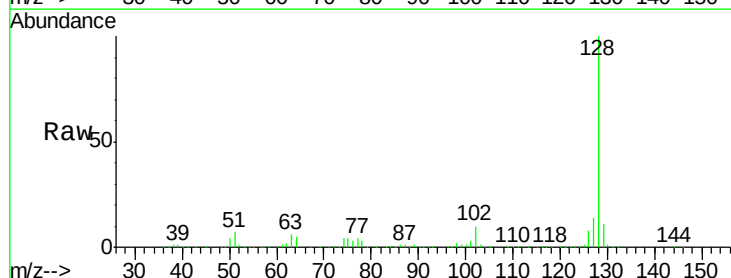
Tgt Ion:122 Resp: 24592

Ion Ratio Lower Upper

122 100

105 14.6 76.1 116.1#

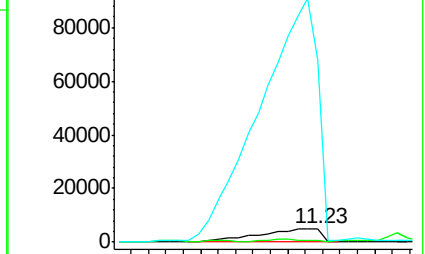
77 1335.4 40.5 80.5#



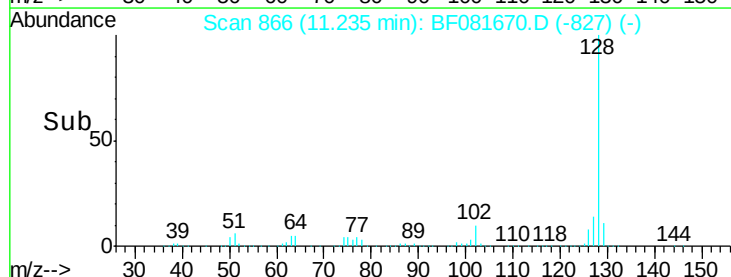
Abundance Ion 122.00 (121.70 to 122.70): E

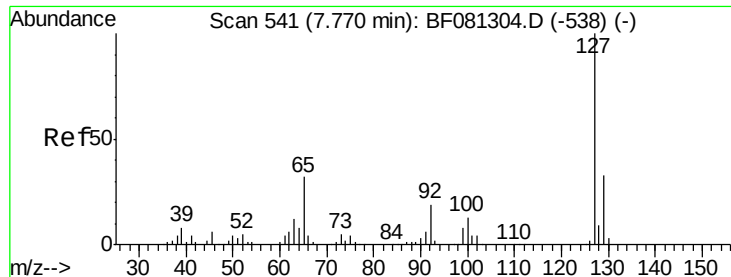
Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



Time-->

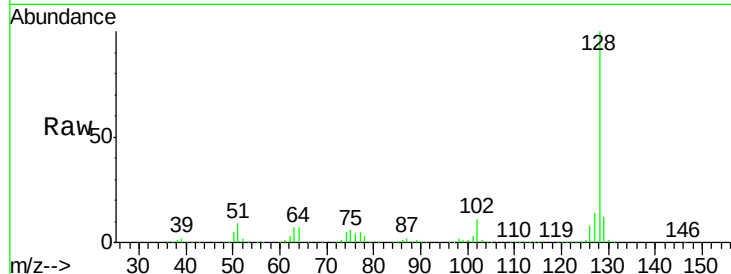




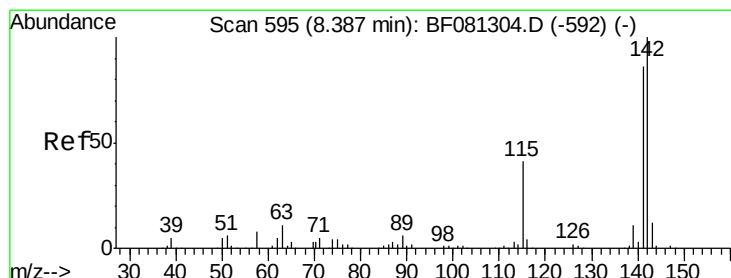
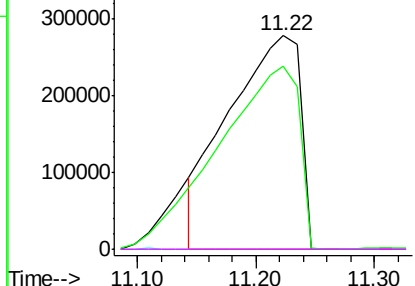
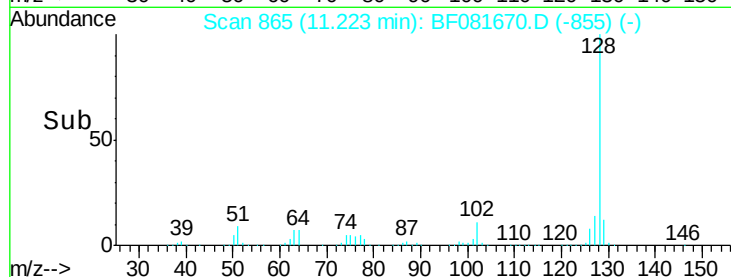
#33
4-Chloroaniline
Concen: 329.70 ng
RT: 11.22 min Scan# 865
Delta R.T. -0.18 min
Lab File: BF081670.D
Acq: 17 Sep 2015 7:16

Instrument :
BNA_F
ClientSampleId :
MGP203(2-4)DL

Tgt Ion:127 Resp: 1163493
Ion Ratio Lower Upper
127 100
129 85.9 25.8 38.6#
65 0.0 17.9 26.9#
92 0.0 10.5 15.7#

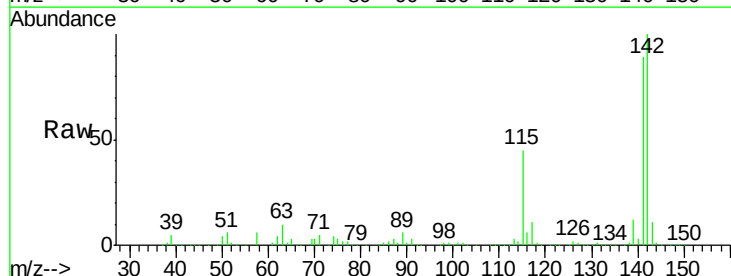


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

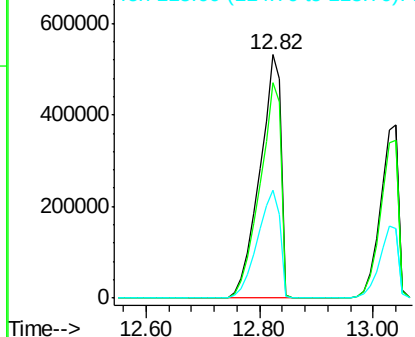
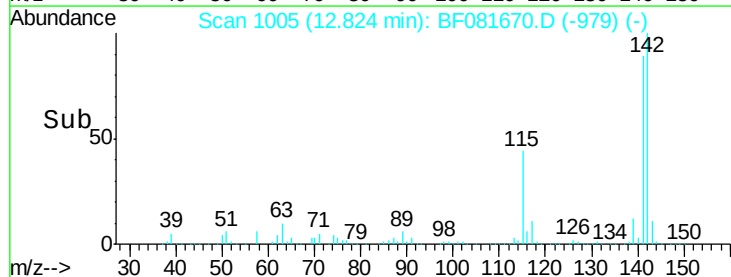


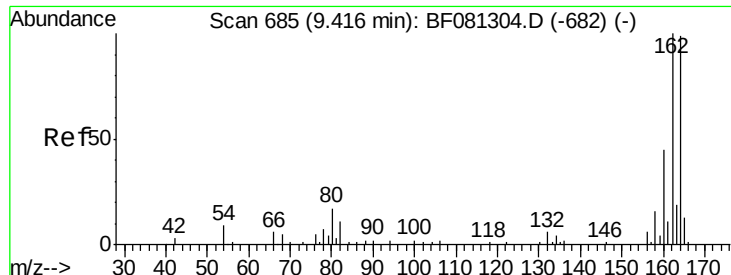
#37
2-Methylnaphthalene
Concen: 248.03 ng
RT: 12.82 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF081670.D
Acq: 17 Sep 2015 7:16

Tgt Ion:142 Resp: 1396472
Ion Ratio Lower Upper
142 100
141 88.6 67.5 101.3
115 44.6 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: 15.21 min Scan# 1214

Delta R.T. -0.05 min

Lab File: BF081670.D

Acq: 17 Sep 2015 7:16

Instrument :

BNA_F

ClientSampleId :

MGP203(2-4)DL

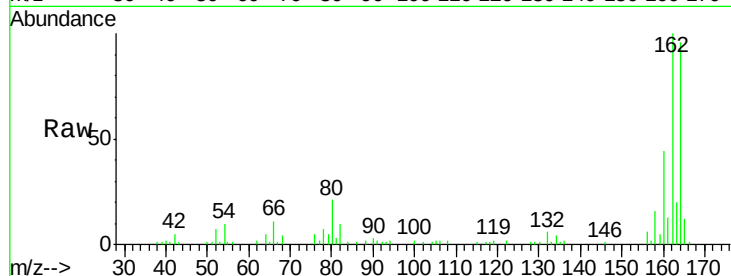
Tgt Ion:164 Resp: 74067

Ion Ratio Lower Upper

164 100

162 104.3 75.2 112.8

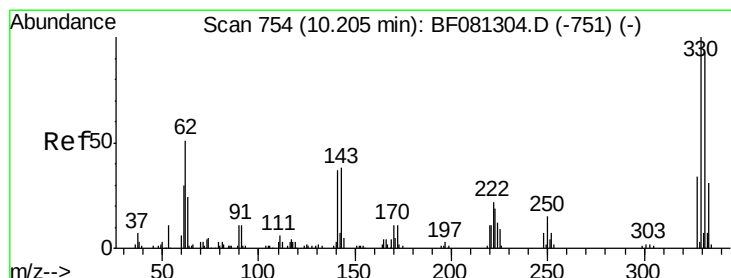
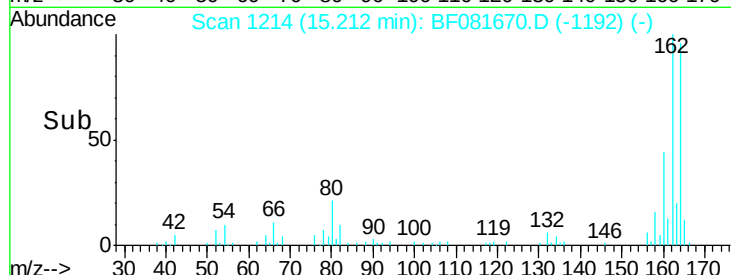
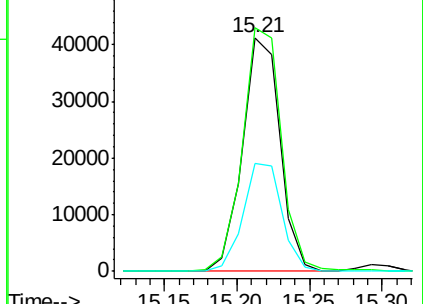
160 46.0 31.5 47.3



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: 10.57 ng

RT: 17.12 min Scan# 1381

Delta R.T. -0.05 min

Lab File: BF081670.D

Acq: 17 Sep 2015 7:16

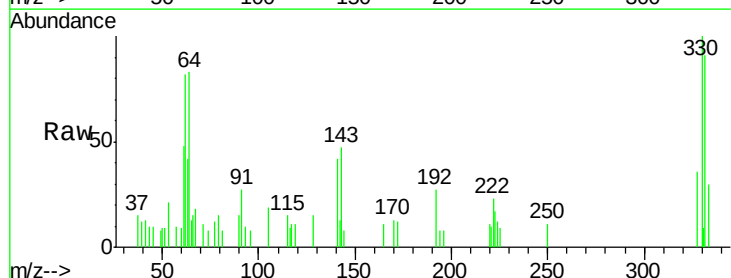
Tgt Ion:330 Resp: 6973

Ion Ratio Lower Upper

330 100

332 90.7 76.6 114.8

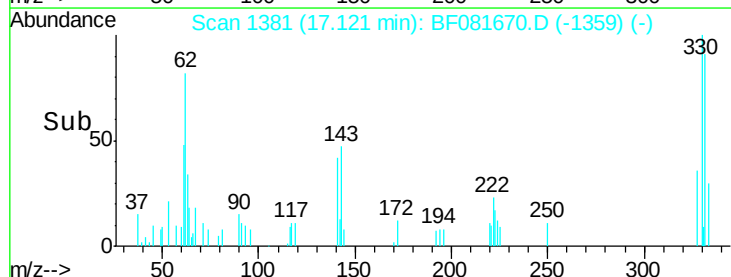
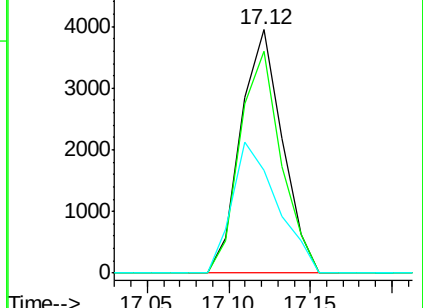
141 58.5 29.7 44.5#

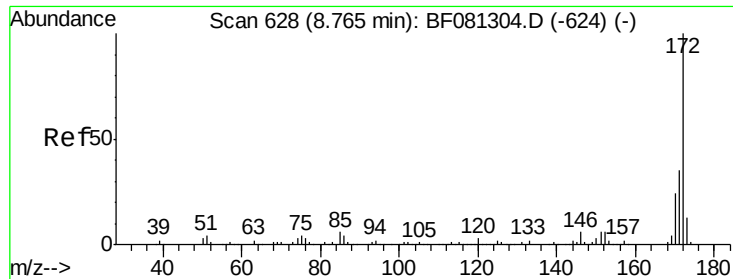


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

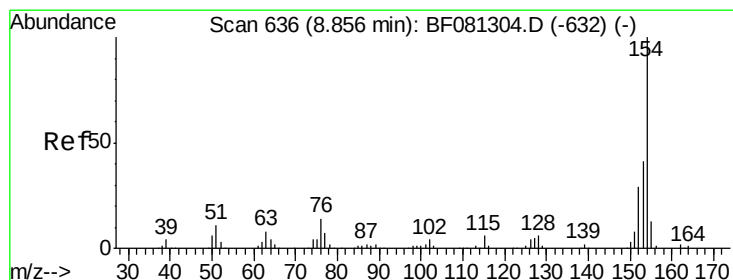
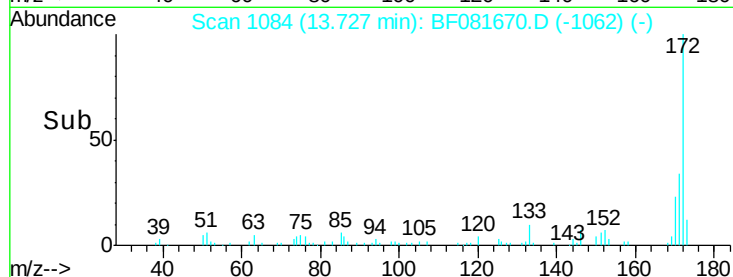
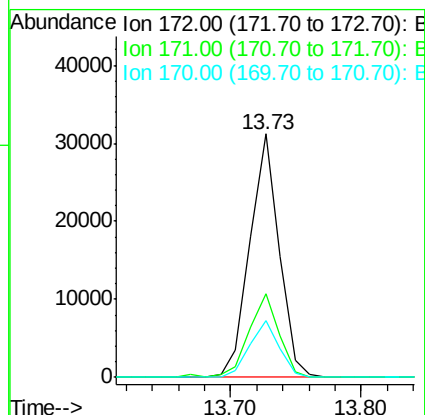
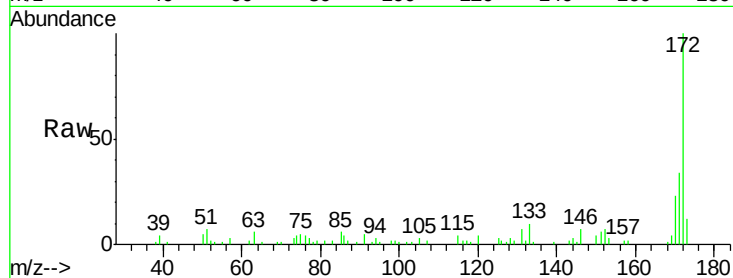




#44
 2-Fluorobiphenyl
 Concen: 8.47 ng
 RT: 13.73 min Scan# 1084
 Delta R.T. -0.05 min
 Lab File: BF081670.D
 Acq: 17 Sep 2015 7:16

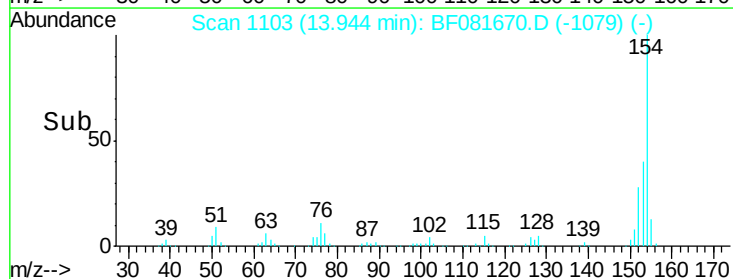
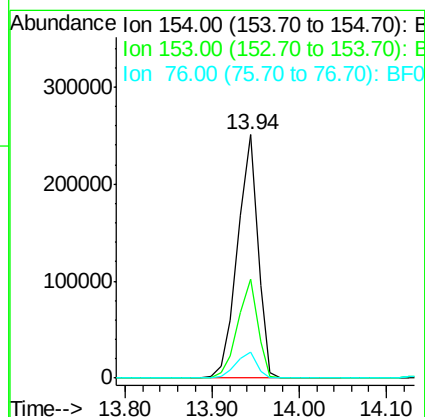
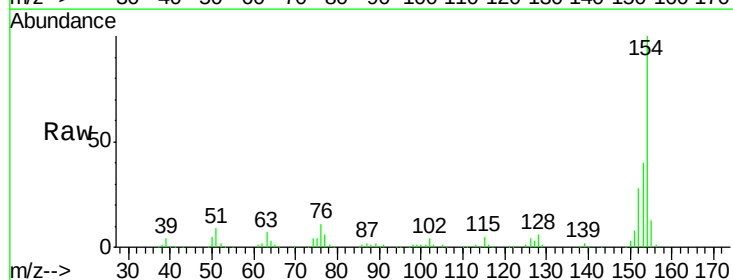
Instrument :
 BNA_F
 ClientSampleId :
 MGP203(2-4)DL

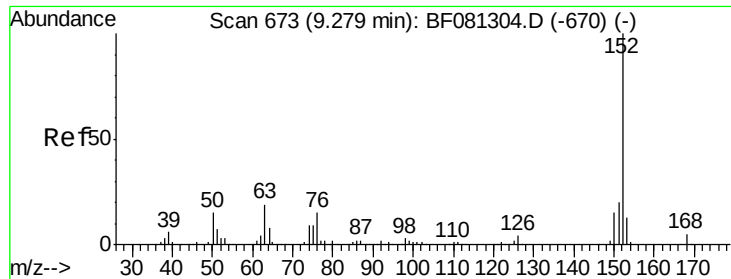
Tgt Ion:172 Resp: 48931
 Ion Ratio Lower Upper
 172 100
 171 34.4 26.1 39.1
 170 23.4 17.4 26.2



#45
 1,1'-Biphenyl
 Concen: 60.07 ng
 RT: 13.94 min Scan# 1103
 Delta R.T. -0.02 min
 Lab File: BF081670.D
 Acq: 17 Sep 2015 7:16

Tgt Ion:154 Resp: 409297
 Ion Ratio Lower Upper
 154 100
 153 40.4 17.1 57.1
 76 10.7 0.0 31.6





#48

Acenaphthylene

Concen: 13.00 ng

RT: 14.87 min Scan# 1184

Delta R.T. -0.05 min

Lab File: BF081670.D

Acq: 17 Sep 2015 7:16

Instrument :

BNA_F

ClientSampleId :

MGP203(2-4)DL

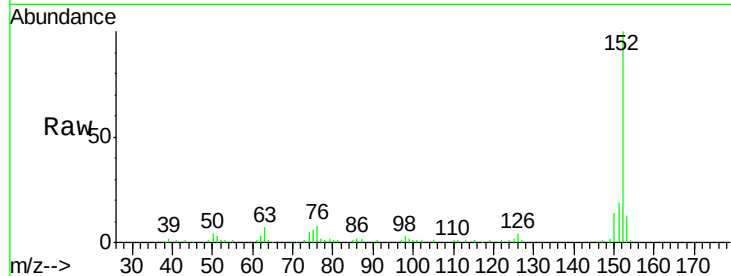
Tgt Ion:152 Resp: 113466

Ion Ratio Lower Upper

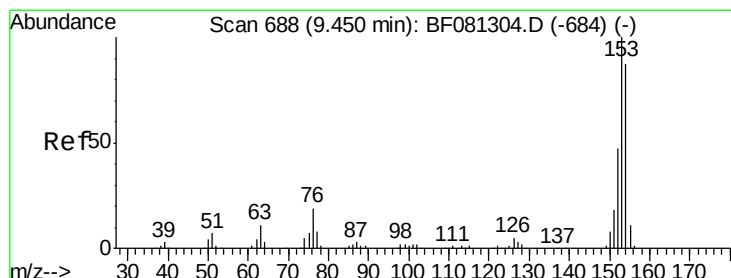
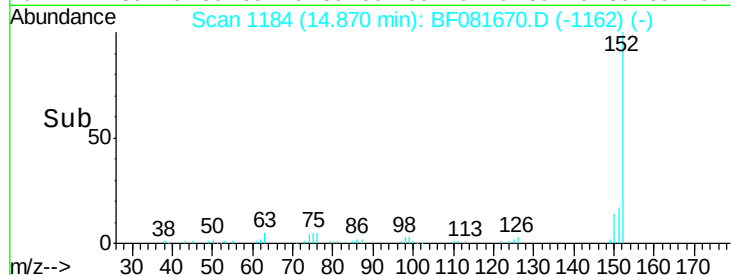
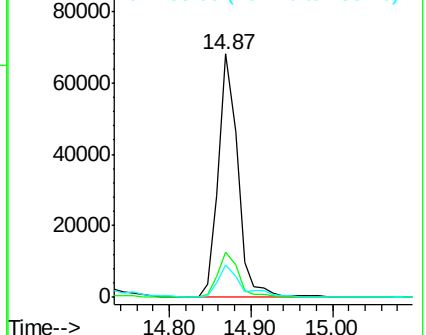
152 100

151 18.7 14.6 22.0

153 13.4 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



#51

Acenaphthene

Concen: 10.08 ng

RT: 15.29 min Scan# 1221

Delta R.T. -0.05 min

Lab File: BF081670.D

Acq: 17 Sep 2015 7:16

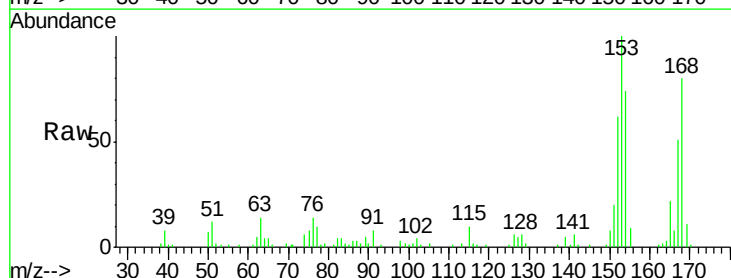
Tgt Ion:154 Resp: 50085

Ion Ratio Lower Upper

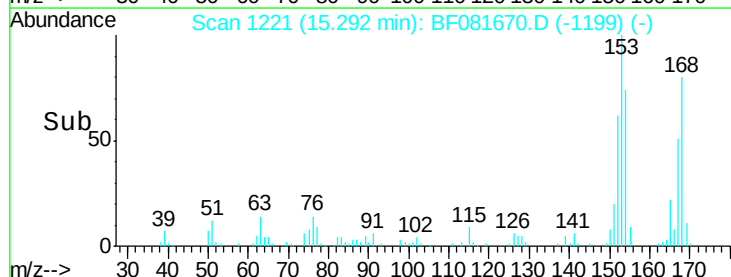
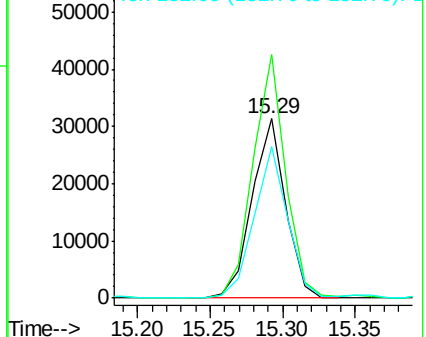
154 100

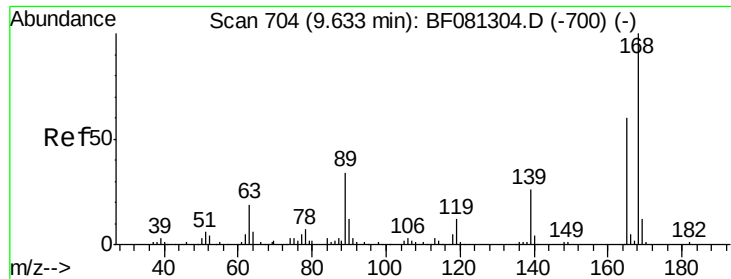
153 135.6 82.1 123.1#

152 84.1 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

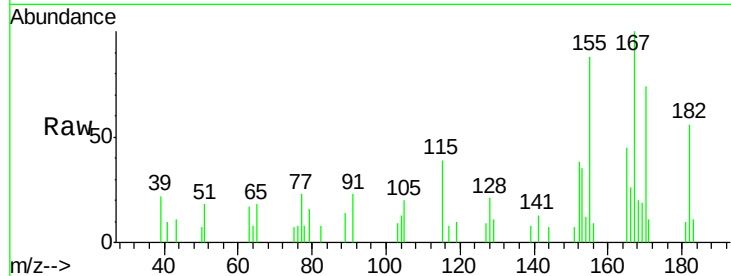




#56
2,4-Dinitrotoluene
Concen: 2.33 ng
RT: 15.80 min Scan# 1265
Delta R.T. -0.10 min
Lab File: BF081670.D
Acq: 17 Sep 2015 7:16

Instrument :
BNA_F
ClientSampleId :
MGP203(2-4)DL

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	3868		
63	38.3	29.8	44.6	
89	31.5	44.5	66.7	
182	123.8	3.0	4.4	

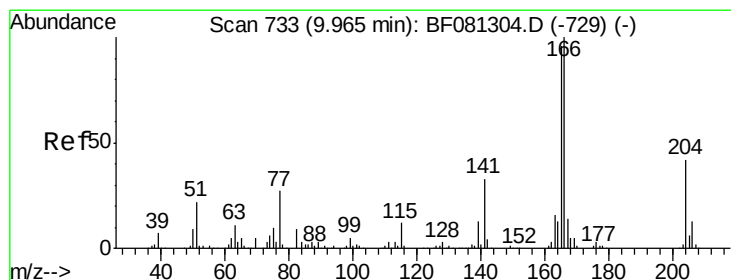
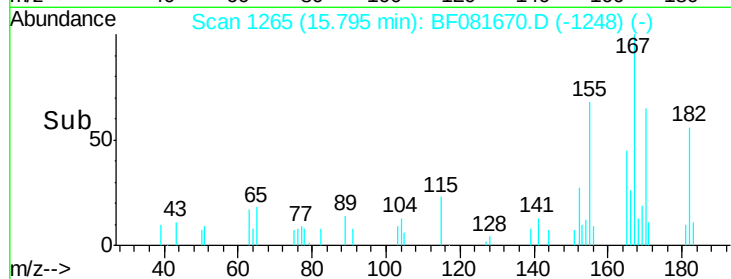
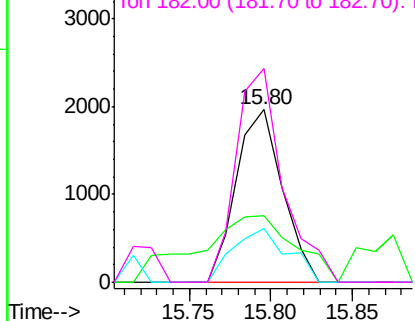


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

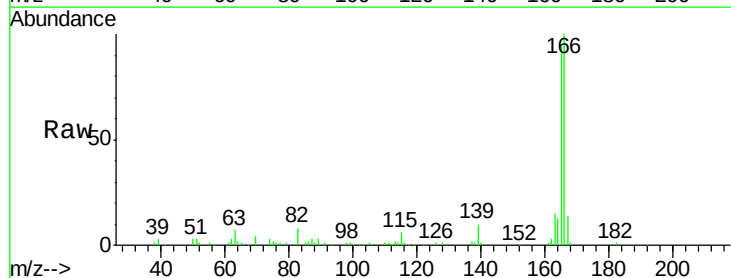
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 27.12 ng
RT: 16.53 min Scan# 1329
Delta R.T. -0.05 min
Lab File: BF081670.D
Acq: 17 Sep 2015 7:16

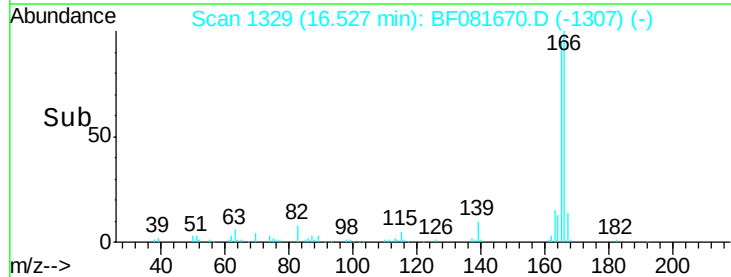
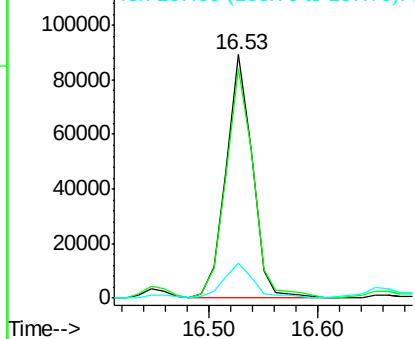
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	149258		
165	94.2	72.6	109.0	
167	14.3	10.6	16.0	

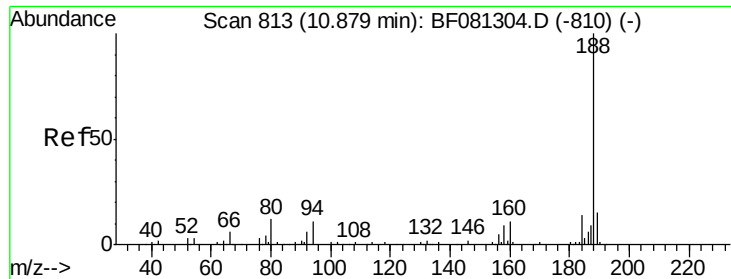


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

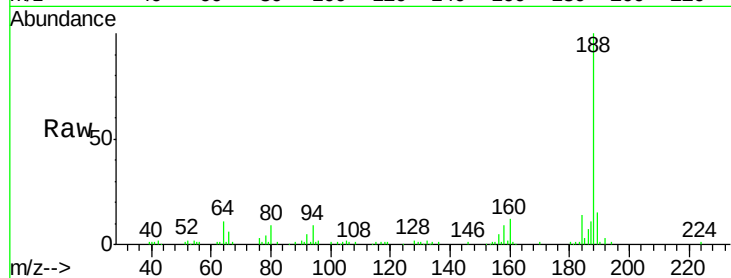




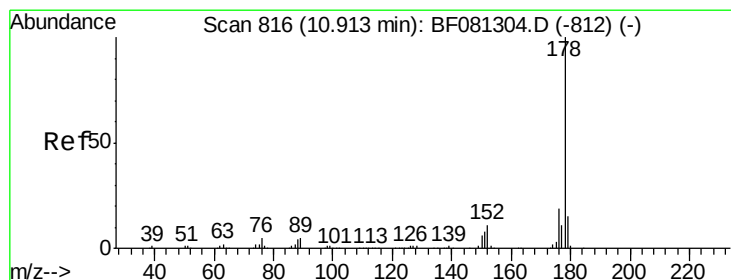
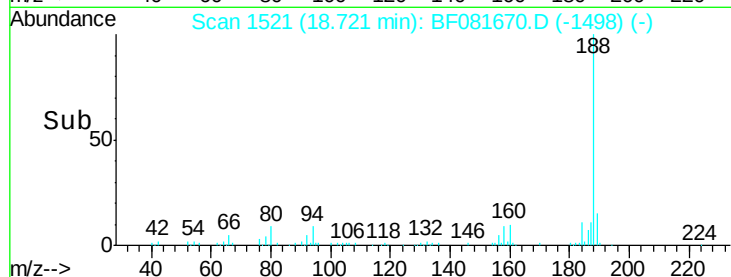
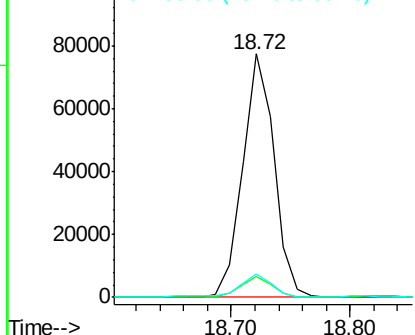
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.72 min Scan# 1521
Delta R.T. -0.03 min
Lab File: BF081670.D
Acq: 17 Sep 2015 7:16

Instrument :
BNA_F
ClientSampleId :
MGP203(2-4)DL

Tgt Ion:188 Resp: 143562
Ion Ratio Lower Upper
188 100
94 8.8 11.1 16.7#
80 9.4 11.0 16.4#

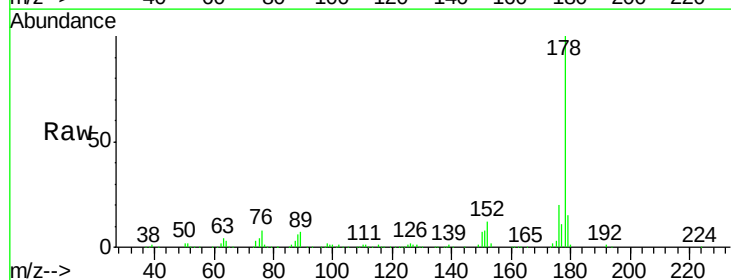


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

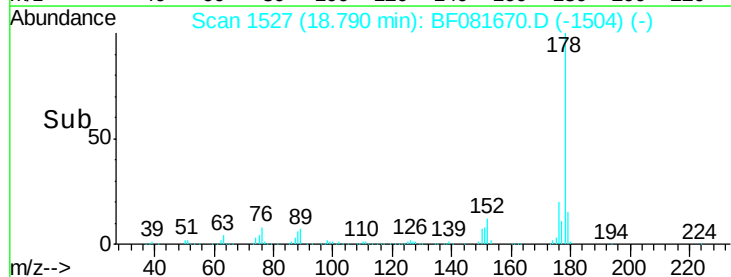
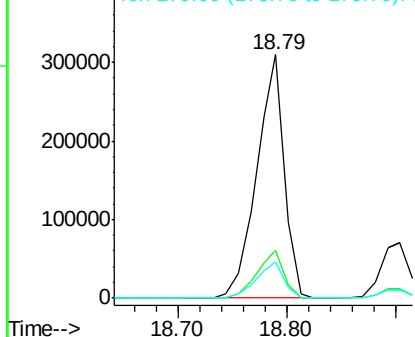


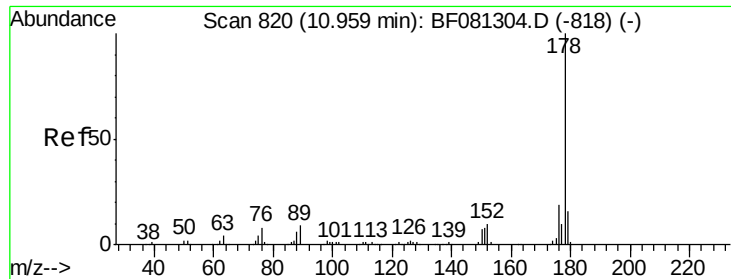
#70
Phenanthrene
Concen: 67.85 ng
RT: 18.79 min Scan# 1527
Delta R.T. -0.03 min
Lab File: BF081670.D
Acq: 17 Sep 2015 7:16

Tgt Ion:178 Resp: 541502
Ion Ratio Lower Upper
178 100
176 19.7 13.8 20.8
179 15.2 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

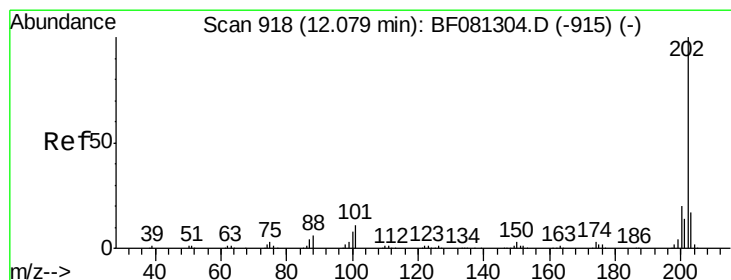
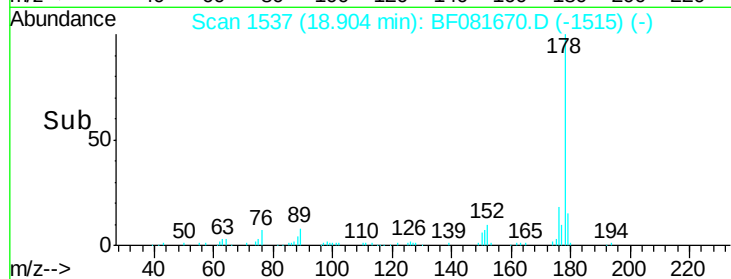
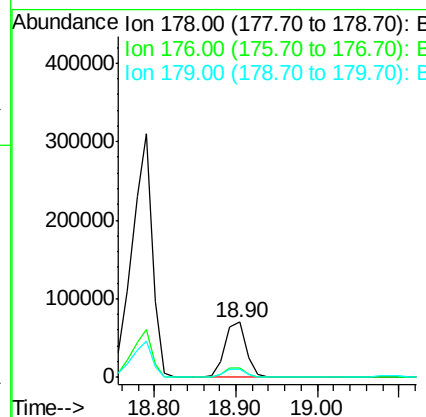
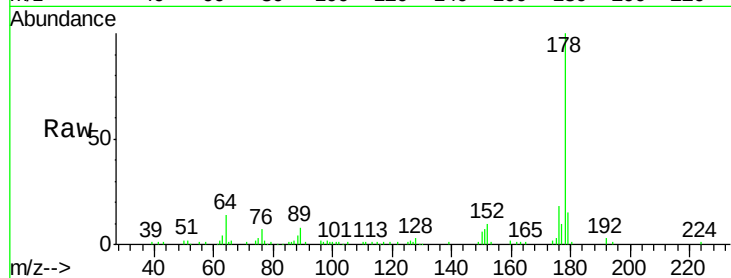




#71
 Anthracene
 Concen: 15.82 ng
 RT: 18.90 min Scan# 1537
 Delta R.T. -0.05 min
 Lab File: BF081670.D
 Acq: 17 Sep 2015 7:16

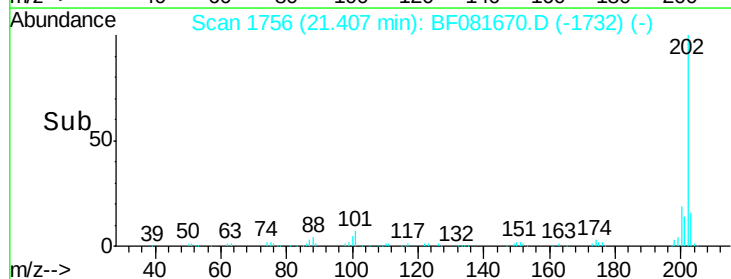
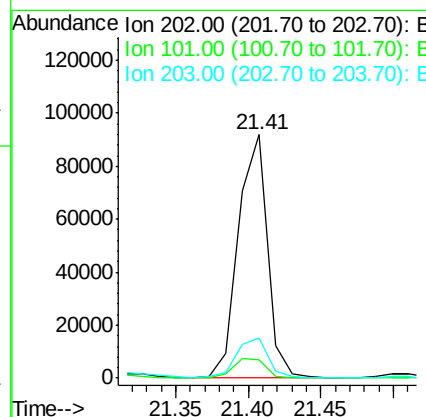
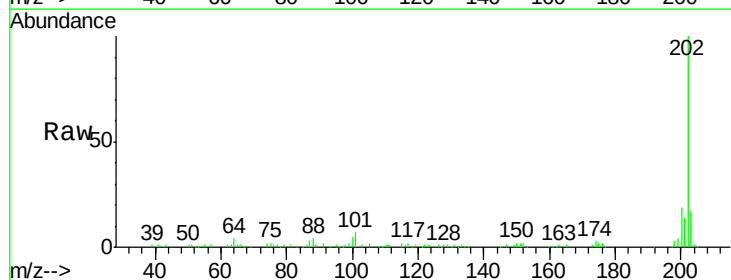
Instrument :
 BNA_F
 ClientSampleId :
 MGP203(2-4)DL

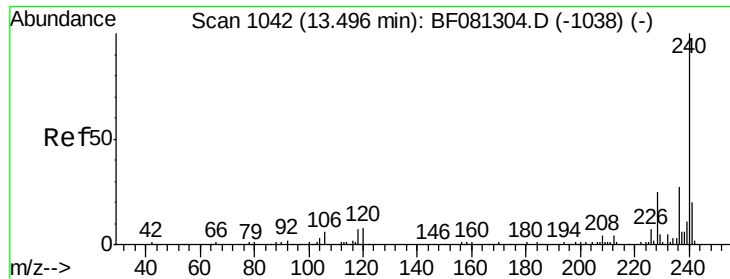
Tgt Ion:178 Resp: 129697
 Ion Ratio Lower Upper
 178 100
 176 17.9 14.1 21.1
 179 15.2 12.2 18.2



#74
 Fluoranthene
 Concen: 14.86 ng
 RT: 21.41 min Scan# 1756
 Delta R.T. -0.02 min
 Lab File: BF081670.D
 Acq: 17 Sep 2015 7:16

Tgt Ion:202 Resp: 128360
 Ion Ratio Lower Upper
 202 100
 101 7.5 0.0 38.3
 203 16.7 0.0 37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 23.36 min Scan# 1927

Delta R.T. -0.02 min

Lab File: BF081670.D

Acq: 17 Sep 2015 7:16

Instrument :

BNA_F

ClientSampleId :

MGP203(2-4)DL

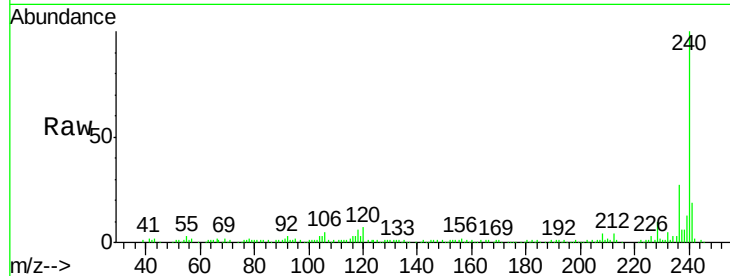
Tgt Ion:240 Resp: 96485

Ion Ratio Lower Upper

240 100

120 6.9 16.2 24.2#

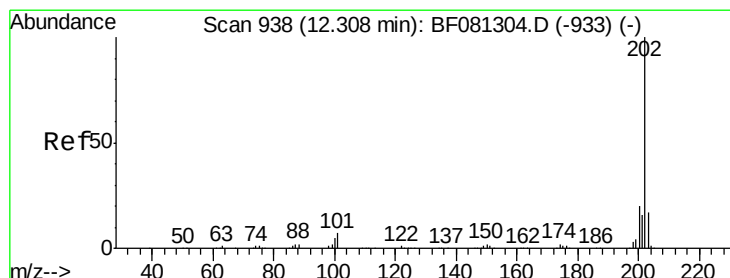
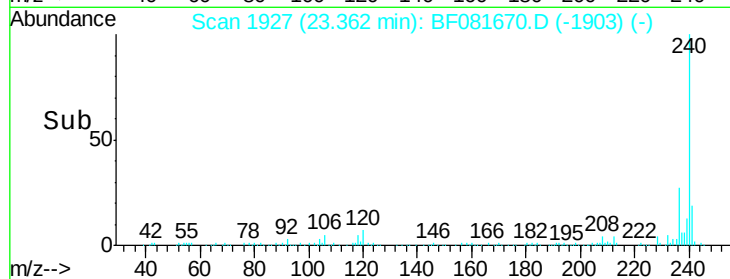
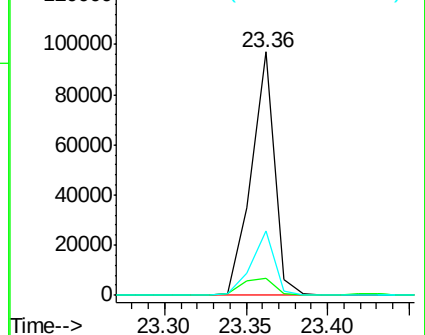
236 26.5 18.4 27.6



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: 35.33 ng

RT: 21.75 min Scan# 1786

Delta R.T. -0.03 min

Lab File: BF081670.D

Acq: 17 Sep 2015 7:16

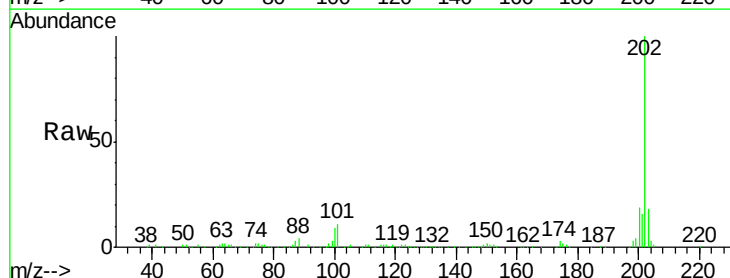
Tgt Ion:202 Resp: 252524

Ion Ratio Lower Upper

202 100

200 19.5 15.0 22.4

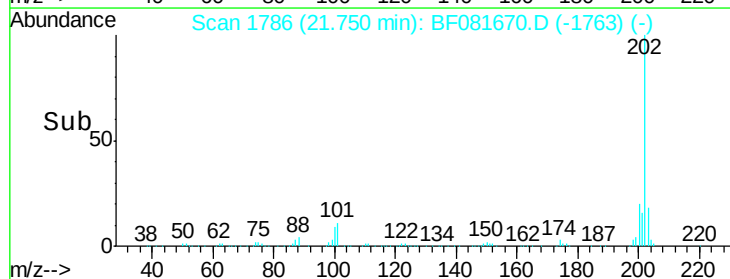
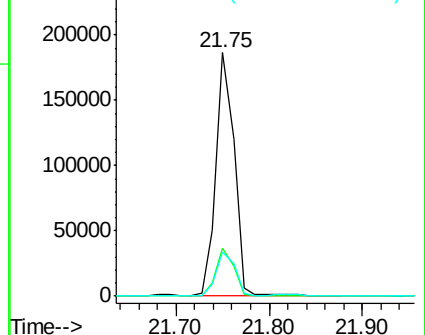
203 18.2 14.1 21.1

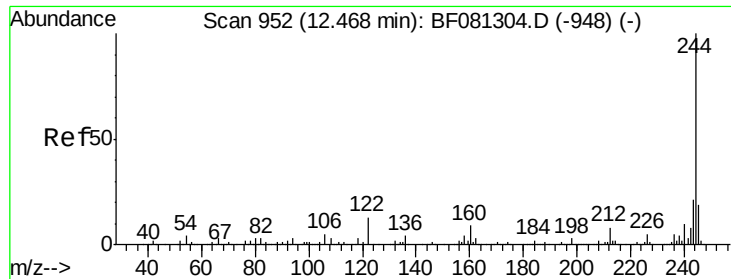


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

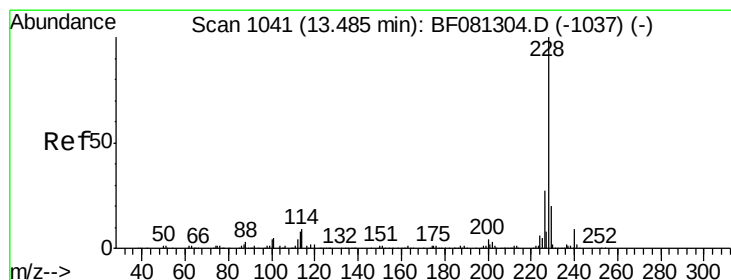
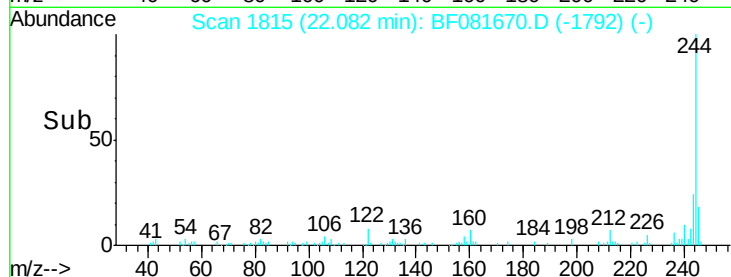
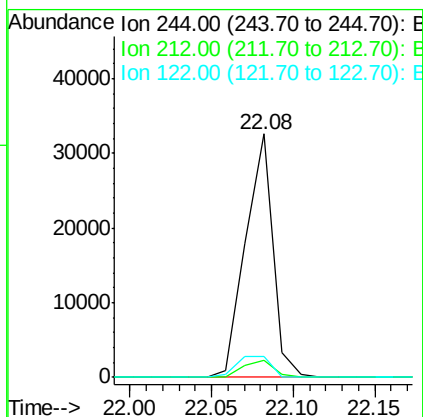
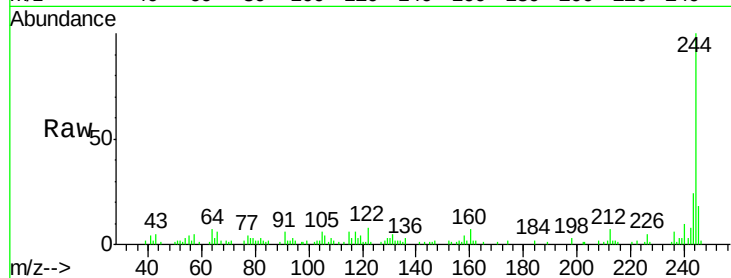




#78
 Terphenyl-d14
 Concen: 9.09 ng
 RT: 22.08 min Scan# 1815
 Delta R.T. -0.03 min
 Lab File: BF081670.D
 Acq: 17 Sep 2015 7:16

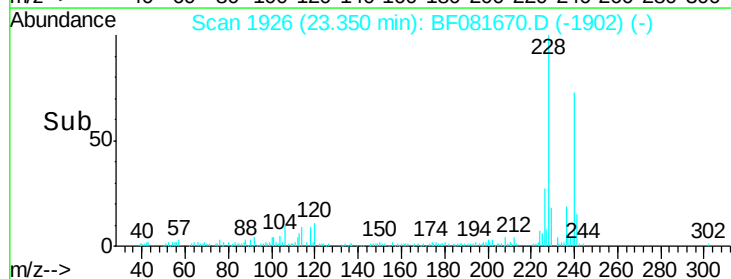
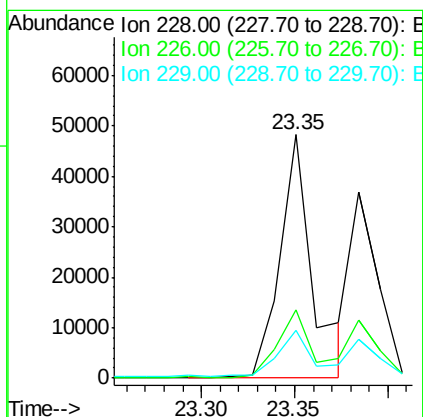
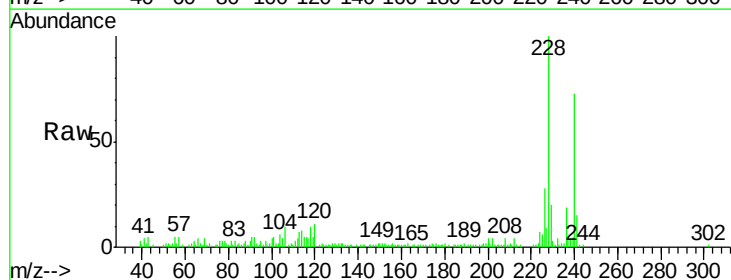
Instrument :
 BNA_F
 ClientSampleId :
 MGP203(2-4)DL

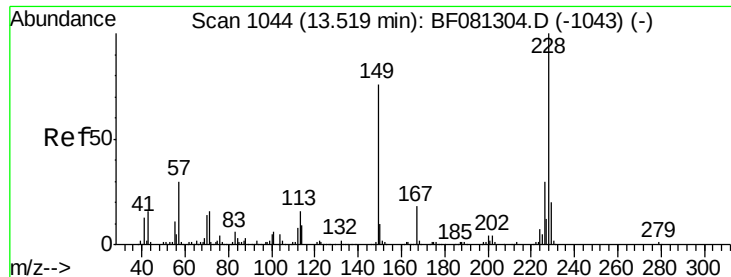
Tgt Ion:244 Resp: 37668
 Ion Ratio Lower Upper
 244 100
 212 7.0 4.3 6.5#
 122 8.4 17.4 26.2#



#80
 Benzo(a)anthracene
 Concen: 9.53 ng
 RT: 23.35 min Scan# 1926
 Delta R.T. -0.02 min
 Lab File: BF081670.D
 Acq: 17 Sep 2015 7:16

Tgt Ion:228 Resp: 58561
 Ion Ratio Lower Upper
 228 100
 226 27.8 20.0 30.0
 229 19.6 15.4 23.2





#82

Chrysene

Concen: 7.05 ng

RT: 23.38 min Scan# 1929

Delta R.T. -0.03 min

Lab File: BF081670.D

Acq: 17 Sep 2015 7:16

Instrument :

BNA_F

ClientSampleId :

MGP203(2-4)DL

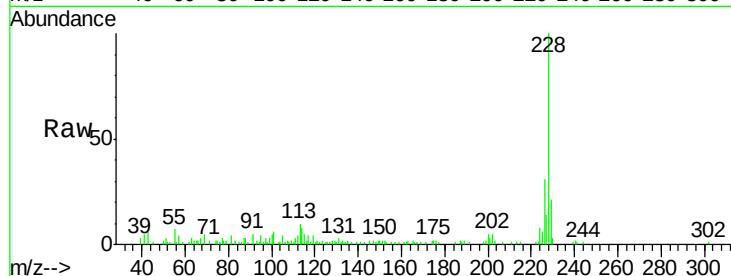
Tgt Ion: 228 Resp: 38834

Ion Ratio Lower Upper

228 100

226 31.2 21.0 31.4

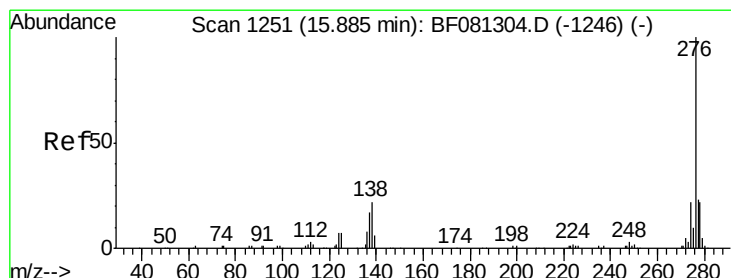
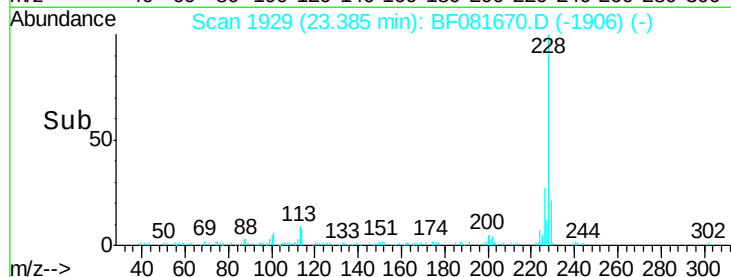
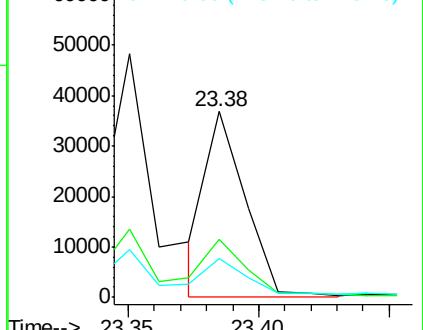
229 21.2 15.6 23.4



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: 3.04 ng

RT: 25.83 min Scan# 2143

Delta R.T. -0.05 min

Lab File: BF081670.D

Acq: 17 Sep 2015 7:16

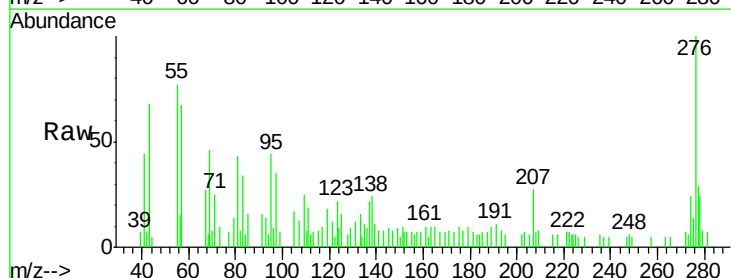
Tgt Ion: 276 Resp: 12288

Ion Ratio Lower Upper

276 100

138 25.9 25.7 38.5

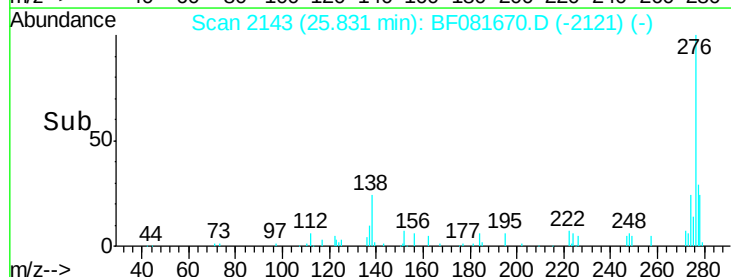
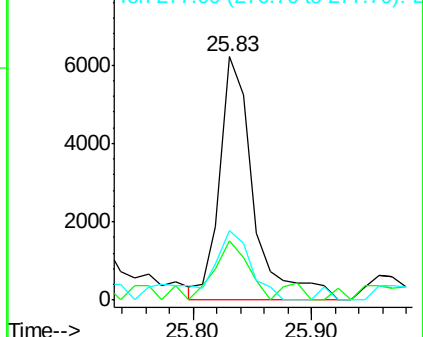
277 29.7 15.6 23.4#

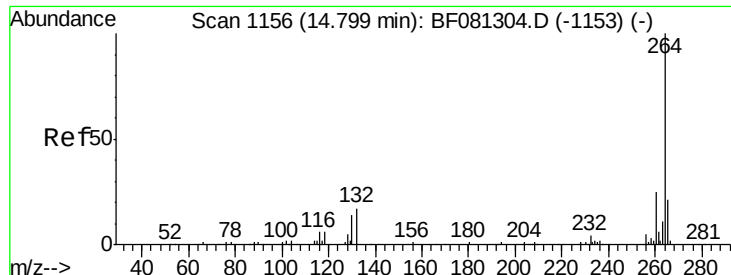


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

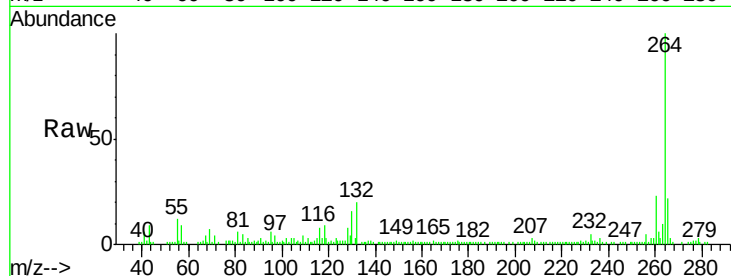




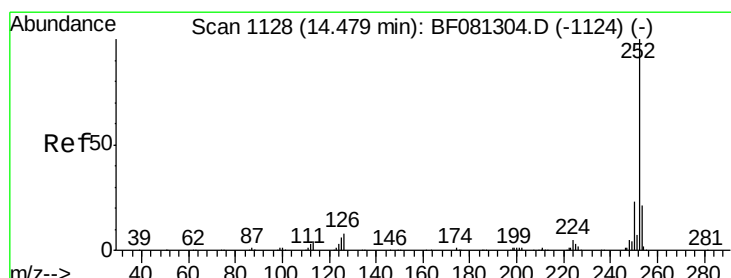
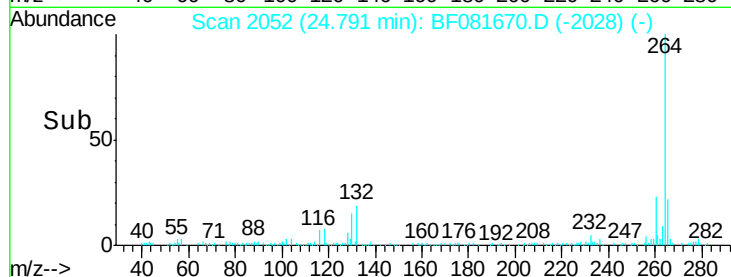
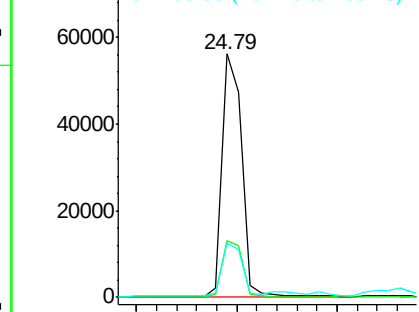
#86
Perylene-d12
Concen: 20.00 ng
RT: 24.79 min Scan# 2052
Delta R.T. -0.02 min
Lab File: BF081670.D
Acq: 17 Sep 2015 7:16

Instrument :
BNA_F
ClientSampleId :
MGP203(2-4)DL

Tgt Ion:264 Resp: 76794
Ion Ratio Lower Upper
264 100
260 23.1 16.7 25.1
265 22.4 17.2 25.8

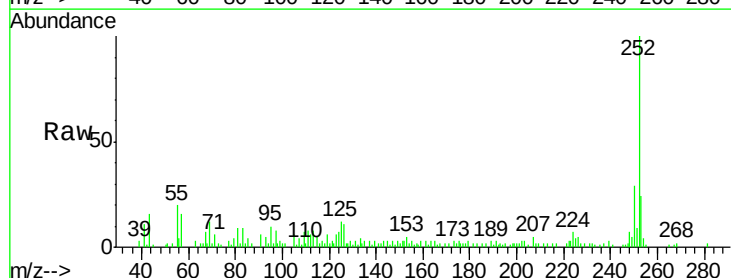


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

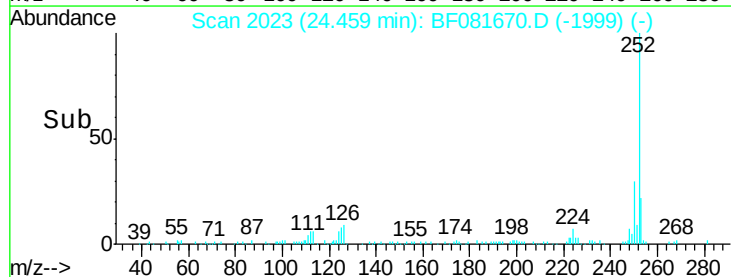
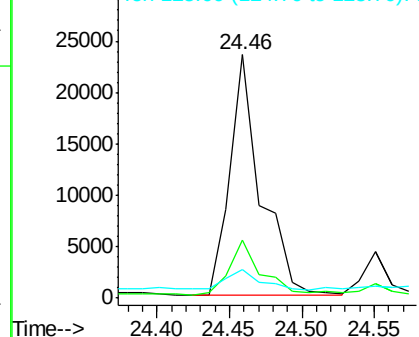


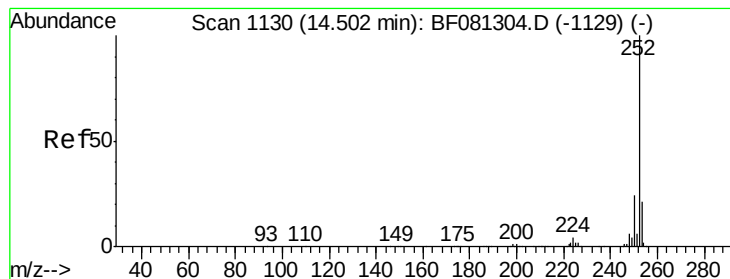
#87
Benzo(b)fluoranthene
Concen: 6.27 ng
RT: 24.46 min Scan# 2023
Delta R.T. -0.02 min
Lab File: BF081670.D
Acq: 17 Sep 2015 7:16

Tgt Ion:252 Resp: 34403
Ion Ratio Lower Upper
252 100
253 23.6 17.5 26.3
125 11.6 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: 7.56 ng

RT: 24.46 min Scan# 2023

Delta R.T. -0.05 min

Lab File: BF081670.D

Acq: 17 Sep 2015 7:16

Instrument :

BNA_F

ClientSampleId :

MGP203(2-4)DL

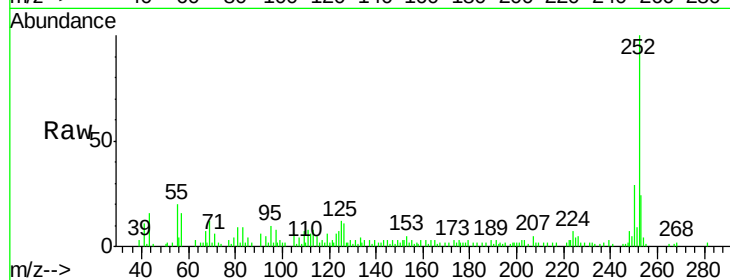
Tgt Ion:252 Resp: 34403

Ion Ratio Lower Upper

252 100

253 23.6 17.0 25.4

125 11.6 16.0 24.0#

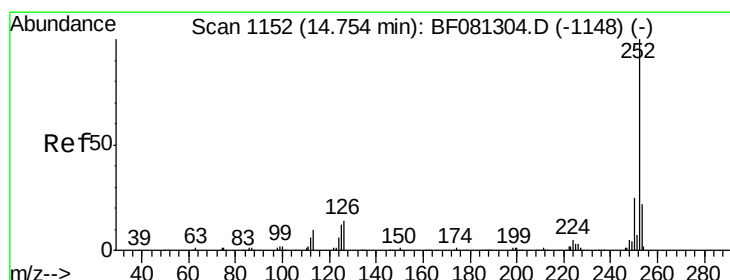
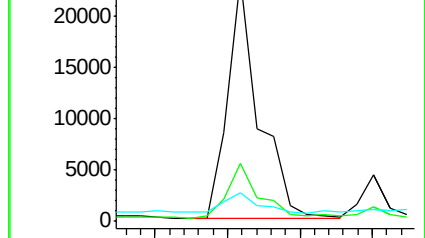
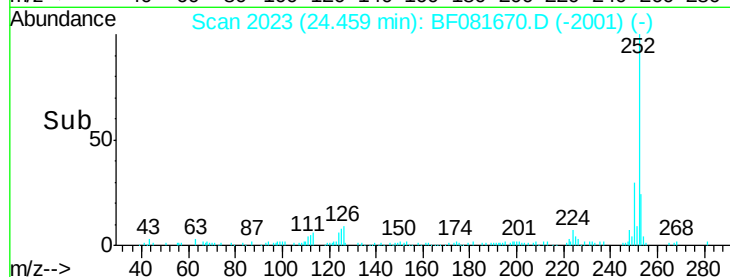


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

Time-->



#89

Benzo(a)pyrene

Concen: 7.12 ng

RT: 24.74 min Scan# 2048

Delta R.T. -0.02 min

Lab File: BF081670.D

Acq: 17 Sep 2015 7:16

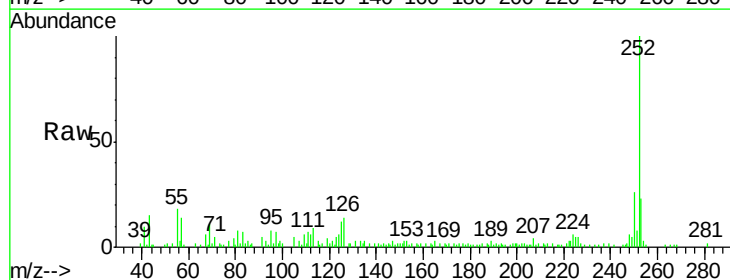
Tgt Ion:252 Resp: 33068

Ion Ratio Lower Upper

252 100

253 22.7 17.2 25.8

125 11.7 18.0 27.0#

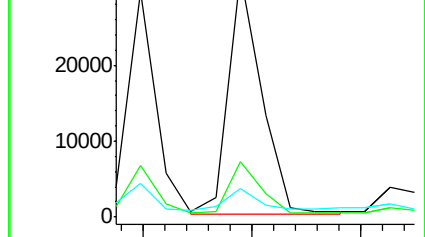
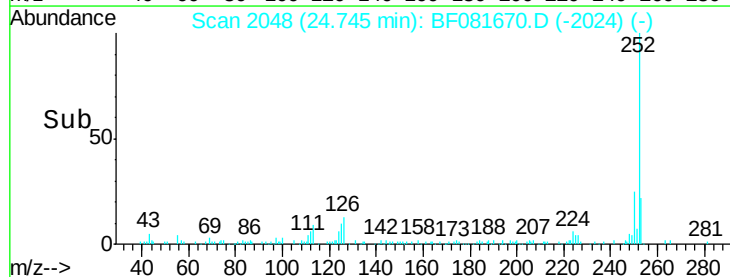


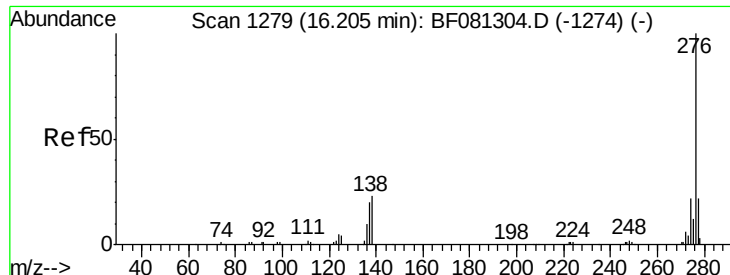
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

Time-->





#91

Benzo(g,h,i)perylene

Concen: 4.41 ng

RT: 26.14 min Scan# 2170

Delta R.T. -0.03 min

Lab File: BF081670.D

Acq: 17 Sep 2015 7:16

Instrument :

BNA_F

ClientSampleId :

MGP203(2-4)DL

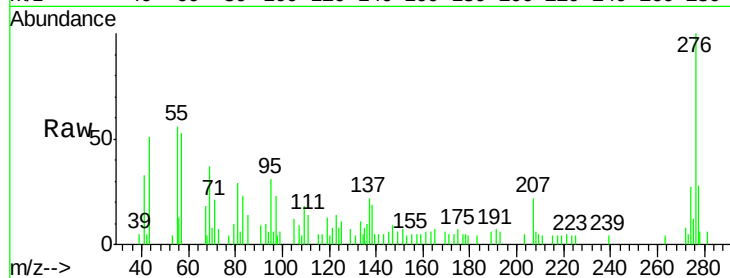
Tgt Ion:276 Resp: 15111

Ion Ratio Lower Upper

276 100

277 27.5 17.8 26.6#

138 19.3 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

