

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091615\
 Data File : BF081671.D
 Acq On : 17 Sep 2015 7:52
 Operator : UM/IZ
 Sample : G3654-01DL2 200X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MGP203(2-4)DL2

Quant Time: Sep 17 08:28:03 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

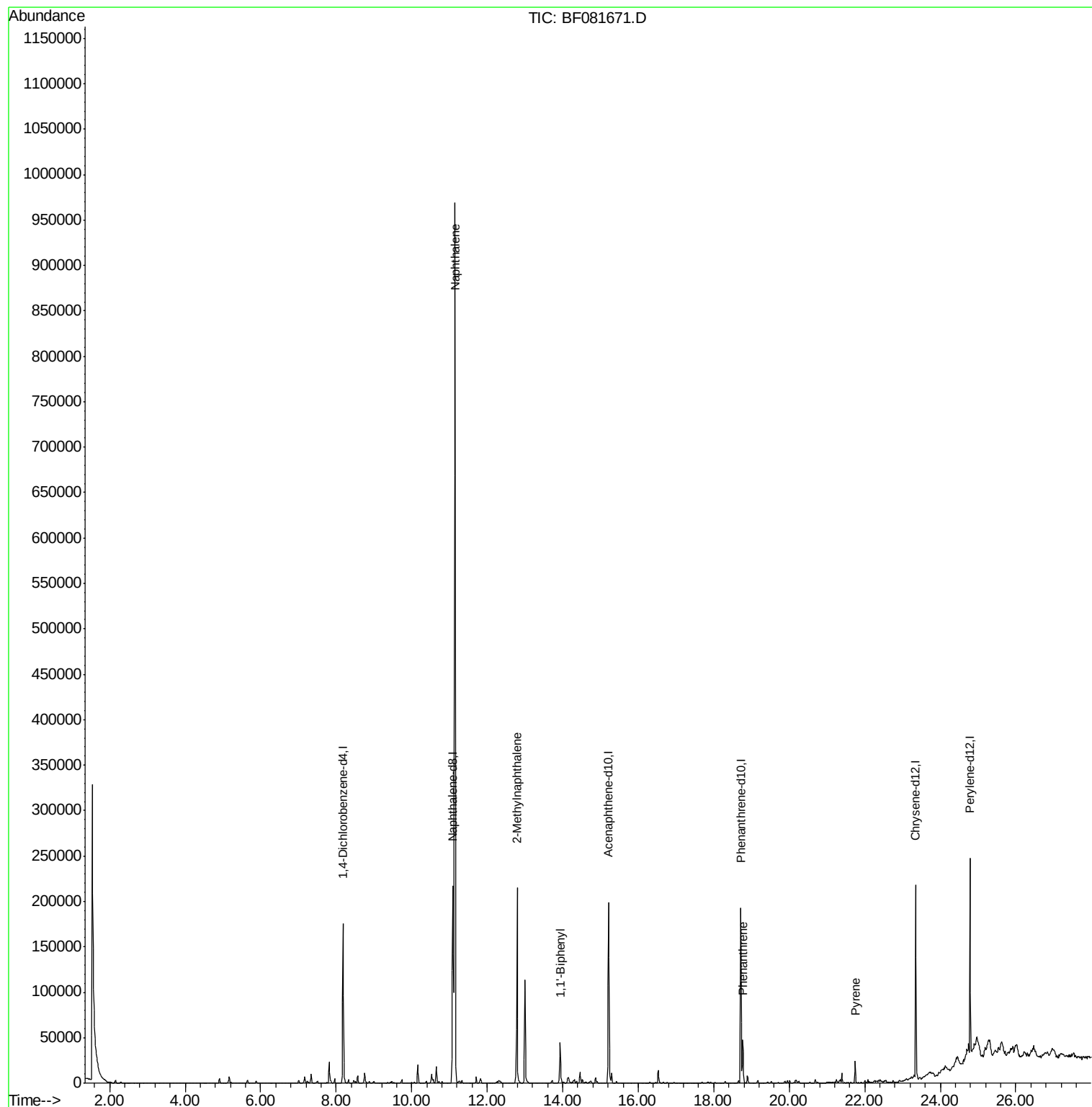
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	43308	20.00	ng	-0.03
21) Naphthalene-d8	11.09	136	173980	20.00	ng	-0.03
38) Acenaphthene-d10	15.21	164	76444	20.00	ng	-0.05
63) Phenanthrene-d10	18.72	188	143297	20.00	ng	-0.03
75) Chrysene-d12	23.35	240	91492	20.00	ng	-0.03
86) Perylene-d12	24.79	264	78793	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	7.71	99	221	0.06	ng	0.07
23) Nitrobenzene-d5	9.52	82	509	0.14	ng	-0.01
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	13.73	172	2929	0.49	ng	-0.05
78) Terphenyl-d14	22.08	244	2559	0.65	ng	-0.03
Target Compounds						
31) Naphthalene	11.14	128	732292	78.92	ng	Qvalue 98
37) 2-Methylnaphthalene	12.79	142	98287	16.28	ng	# 90
45) 1,1'-Biphenyl	13.93	154	28350	4.03	ng	96
70) Phenanthrene	18.77	178	36005	4.52	ng	96
77) Pyrene	21.75	202	17094	2.52	ng	97

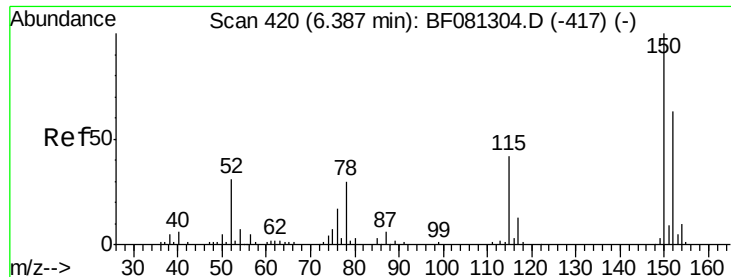
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.18 min Scan# 599

Delta R.T. -0.03 min

Lab File: BF081671.D

Acq: 17 Sep 2015 7:52

Instrument :

BNA_F

ClientSampleId :

MGP203(2-4)DL2

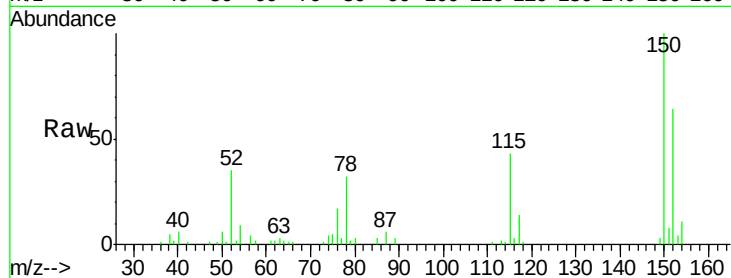
Tgt Ion:152 Resp: 43308

Ion Ratio Lower Upper

152 100

150 155.8 124.7 187.1

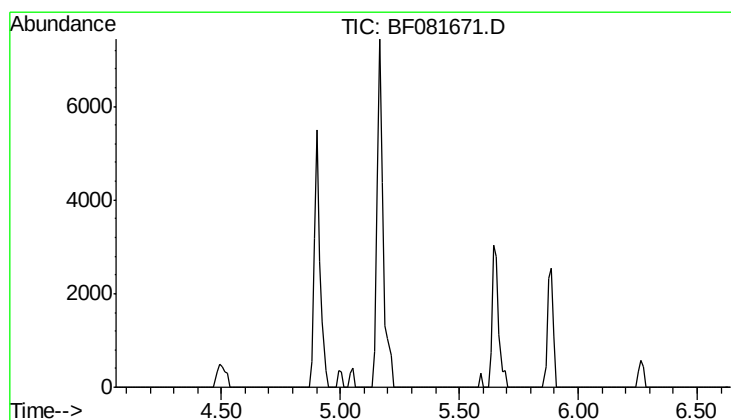
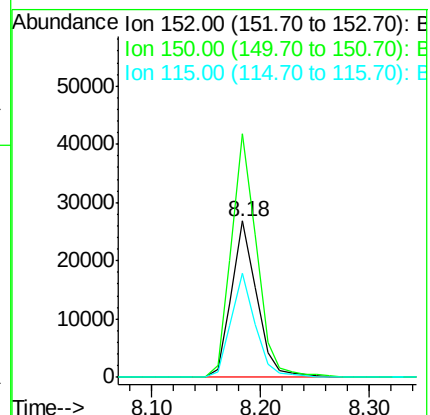
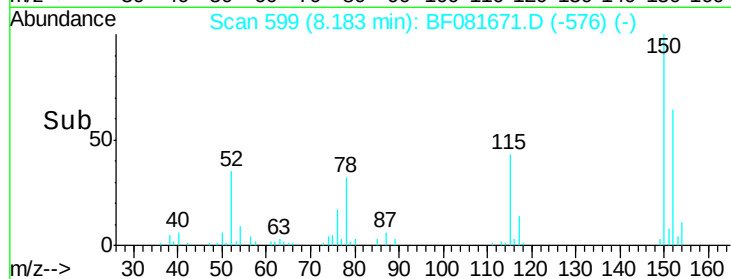
115 67.0 39.0 58.4#



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: 0.00 ng

Expected RT: 5.35 min

Lab File: BF081671.D

Acq: 17 Sep 2015 7:52

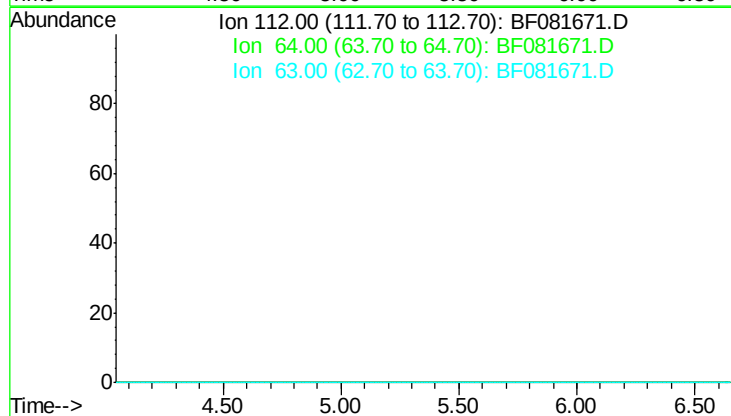
Tgt Ion: 112

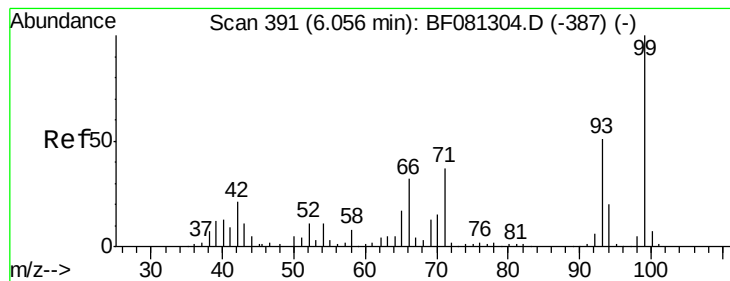
Sig Exp Ratio

112 100

64 49.6

63 21.7





#7

Phenol-d6

Concen: 0.06 ng

RT: 7.71 min Scan# 558

Delta R.T. 0.07 min

Lab File: BF081671.D

Acq: 17 Sep 2015 7:52

Instrument :

BNA_F

ClientSampleId :

MGP203(2-4)DL2

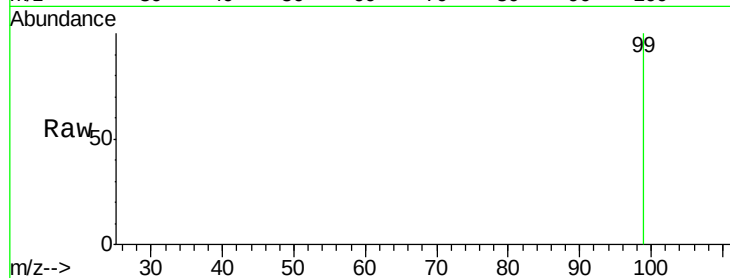
Tgt Ion: 99 Resp: 221

Ion Ratio Lower Upper

99 100

42 0.0 13.7 20.5#

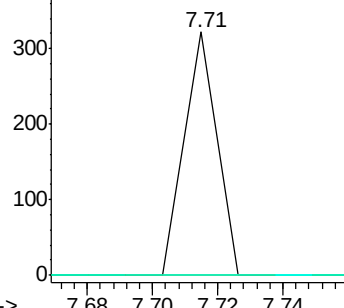
71 0.0 14.2 21.2#



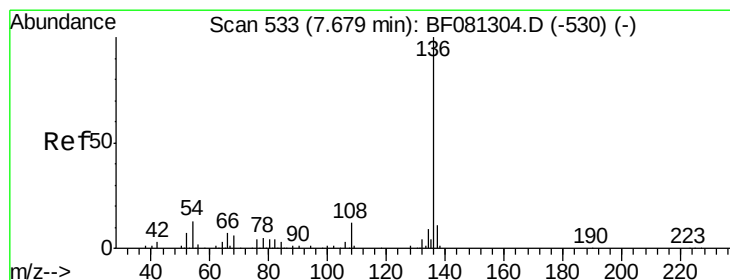
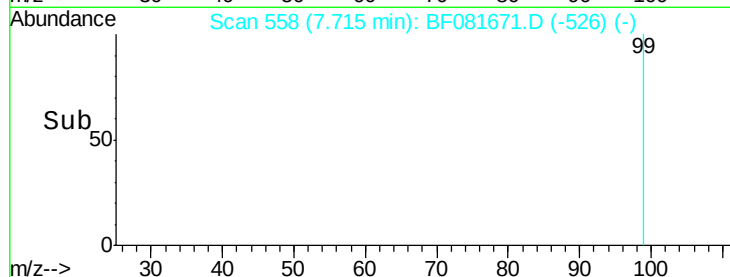
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.09 min Scan# 853

Delta R.T. -0.03 min

Lab File: BF081671.D

Acq: 17 Sep 2015 7:52

Tgt Ion: 136 Resp: 173980

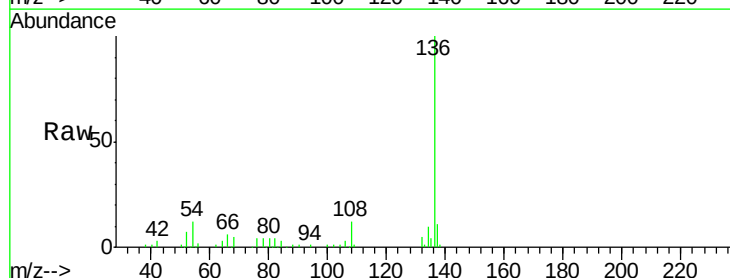
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 11.9 8.2 12.2

68 4.8 5.8 8.6#

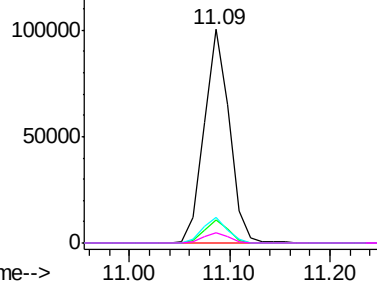


Abundance Ion 136.00 (135.70 to 136.70): E

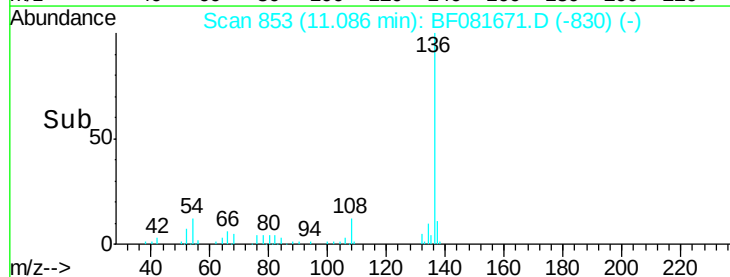
Ion 137.00 (136.70 to 137.70): E

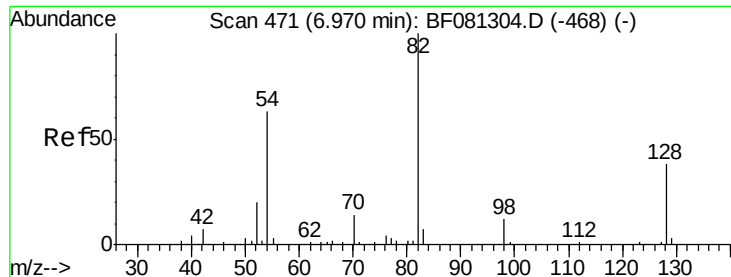
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->

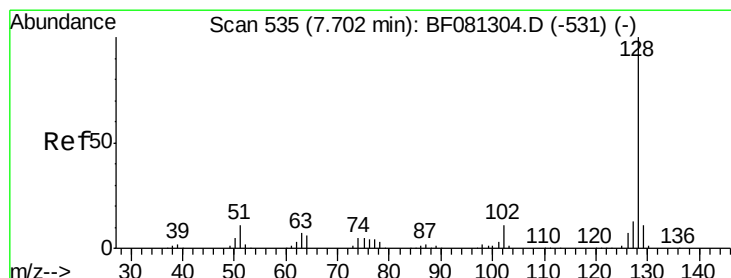
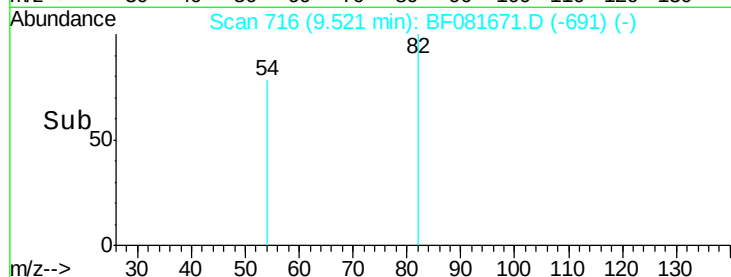
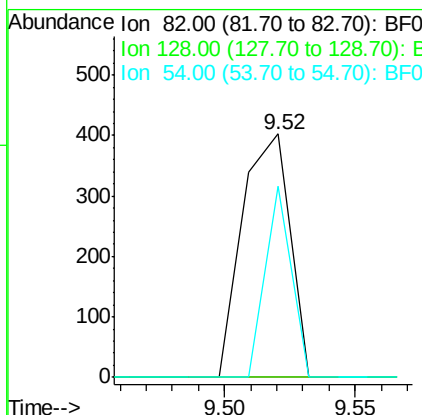
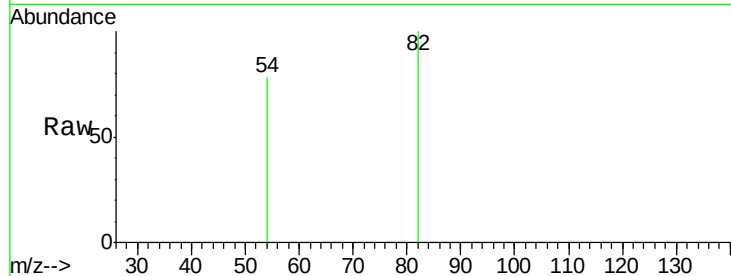




#23
 Nitrobenzene-d5
 Concen: 0.14 ng
 RT: 9.52 min Scan# 716
 Delta R.T. -0.01 min
 Lab File: BF081671.D
 Acq: 17 Sep 2015 7:52

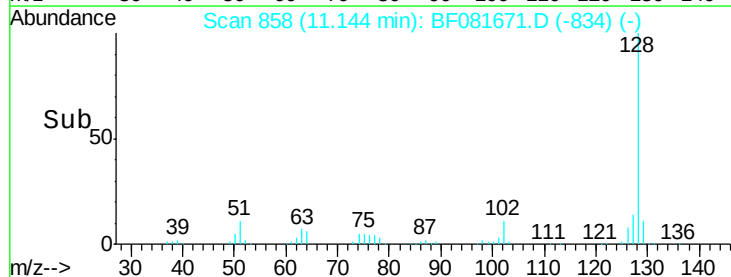
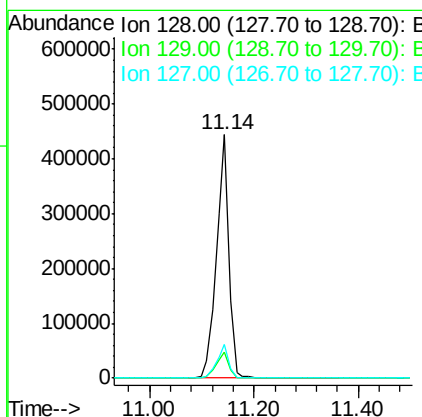
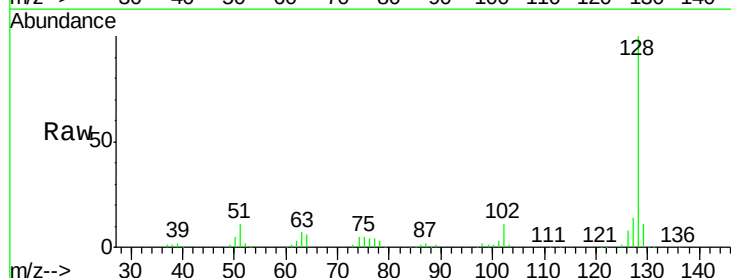
Instrument :
 BNA_F
 ClientSampleId :
 MGP203(2-4)DL2

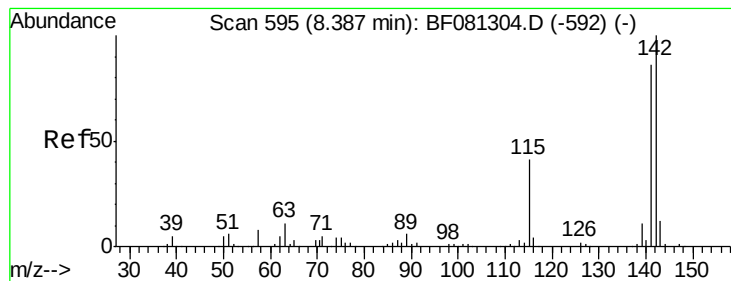
Tgt Ion: 82 Resp: 509
 Ion Ratio Lower Upper
 82 100
 128 0.0 51.0 76.6#
 54 78.4 47.5 71.3#



#31
 Naphthalene
 Concen: 78.92 ng
 RT: 11.14 min Scan# 858
 Delta R.T. -0.02 min
 Lab File: BF081671.D
 Acq: 17 Sep 2015 7:52

Tgt Ion: 128 Resp: 732292
 Ion Ratio Lower Upper
 128 100
 129 10.9 8.4 12.6
 127 13.6 9.9 14.9

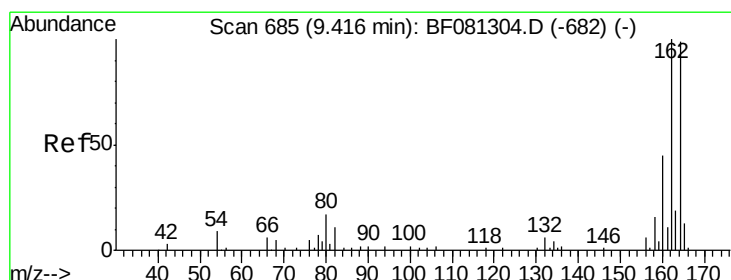
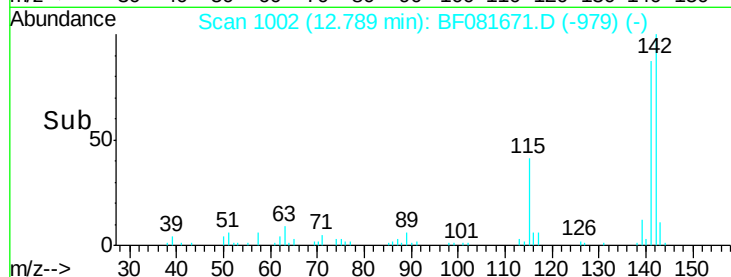
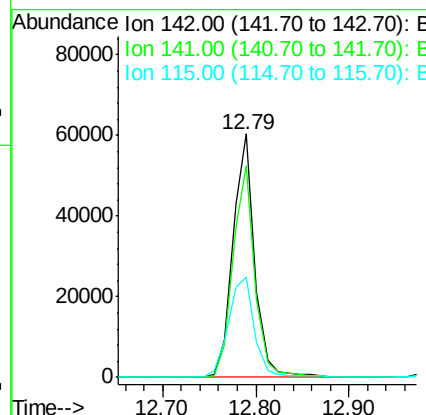
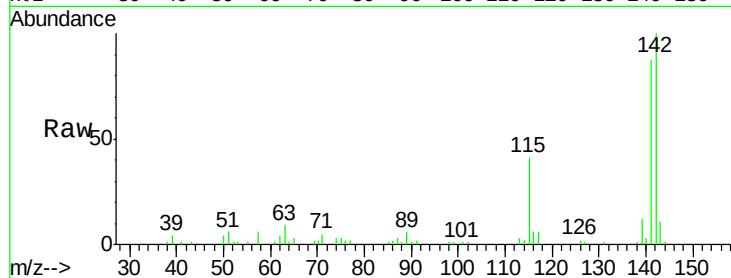




#37
 2-Methylnaphthalene
 Concen: 16.28 ng
 RT: 12.79 min Scan# 1002
 Delta R.T. -0.03 min
 Lab File: BF081671.D
 Acq: 17 Sep 2015 7:52

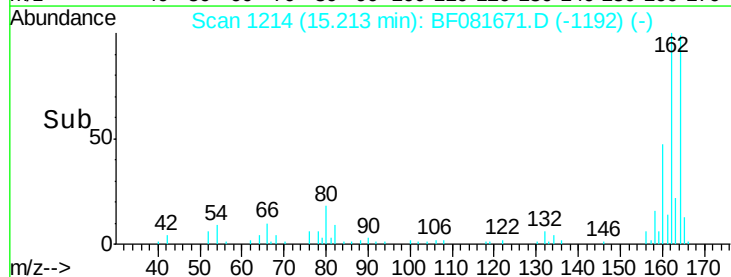
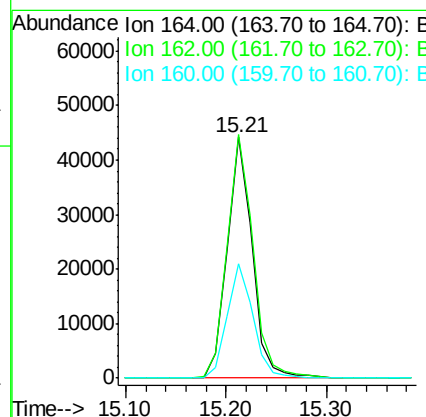
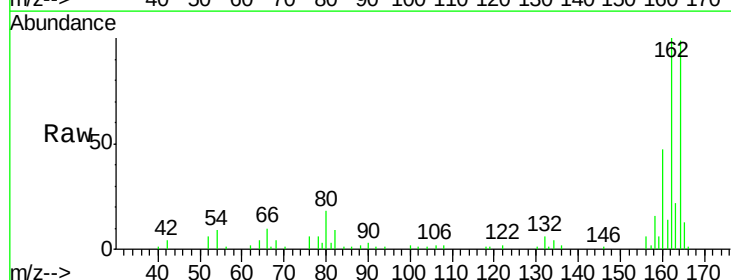
Instrument :
 BNA_F
 ClientSampleId :
 MGP203(2-4)DL2

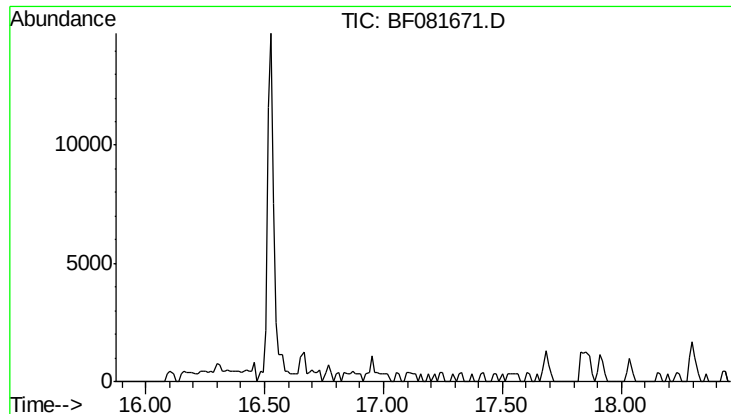
Tgt Ion:142 Resp: 98287
 Ion Ratio Lower Upper
 142 100
 141 86.8 67.5 101.3
 115 41.0 18.2 27.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.21 min Scan# 1214
 Delta R.T. -0.05 min
 Lab File: BF081671.D
 Acq: 17 Sep 2015 7:52

Tgt Ion:164 Resp: 76444
 Ion Ratio Lower Upper
 164 100
 162 101.1 75.2 112.8
 160 47.4 31.5 47.3#

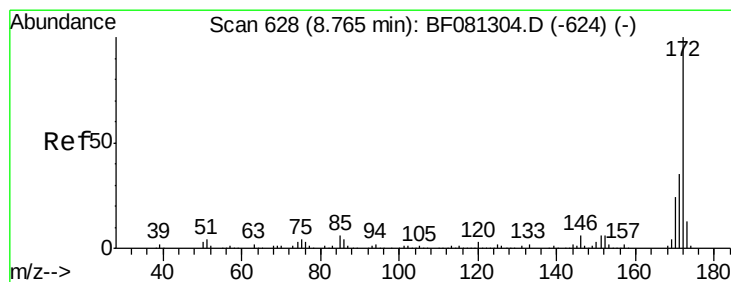
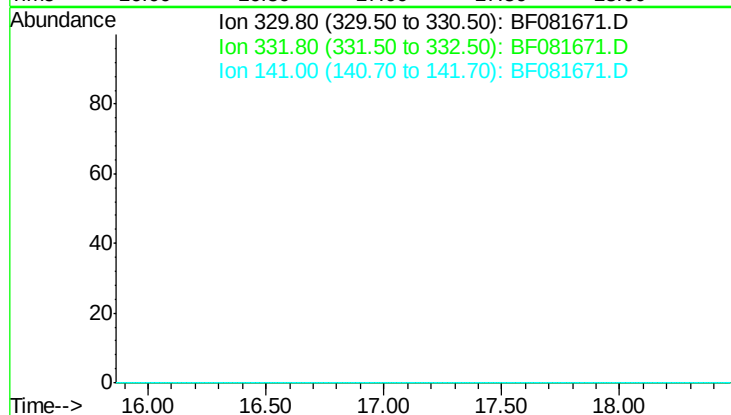




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 17.17 min
 Lab File: BF081671.D
 Acq: 17 Sep 2015 7:52

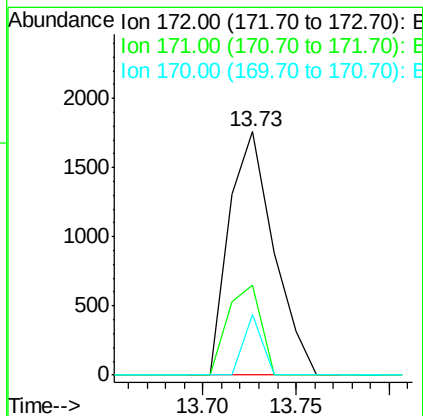
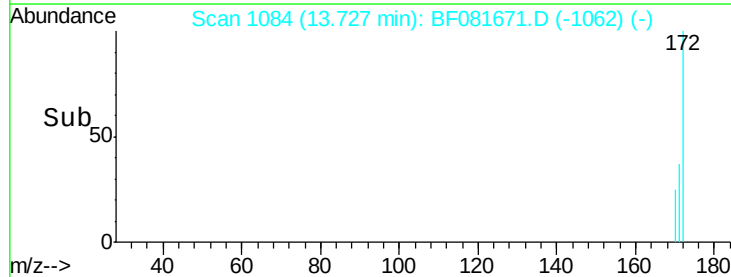
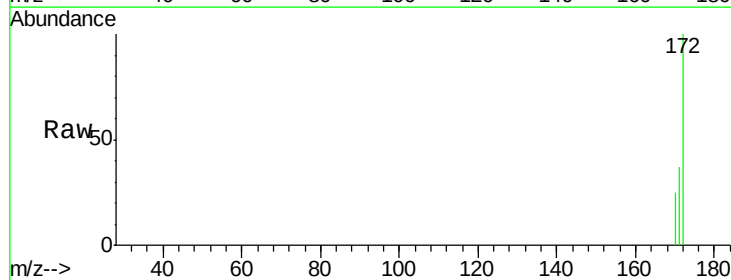
Instrument :
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 MGP203(2-4)DL2

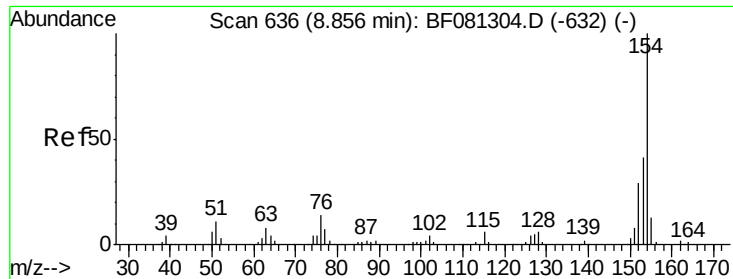
Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 95.7
 141 37.1



#44
 2-Fluorobiphenyl
 Concen: 0.49 ng
 RT: 13.73 min Scan# 1084
 Delta R.T. -0.05 min
 Lab File: BF081671.D
 Acq: 17 Sep 2015 7:52

Tgt Ion: 172 Resp: 2929
 Ion Ratio Lower Upper
 172 100
 171 37.2 26.1 39.1
 170 25.0 17.4 26.2

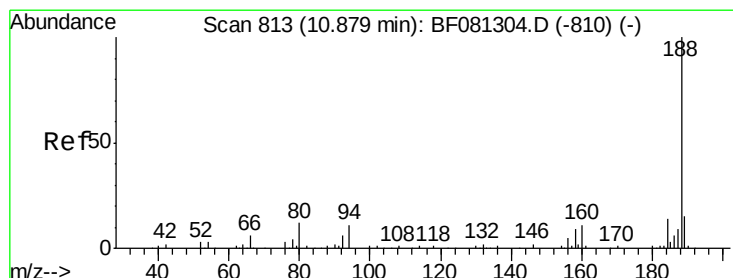
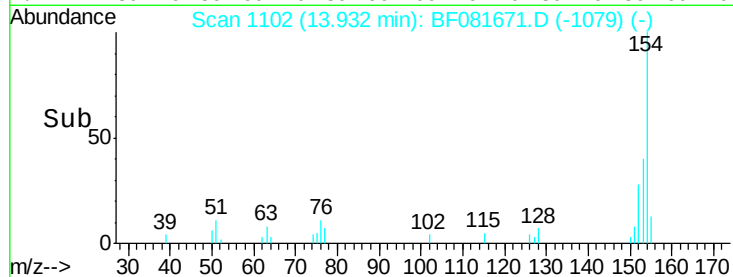
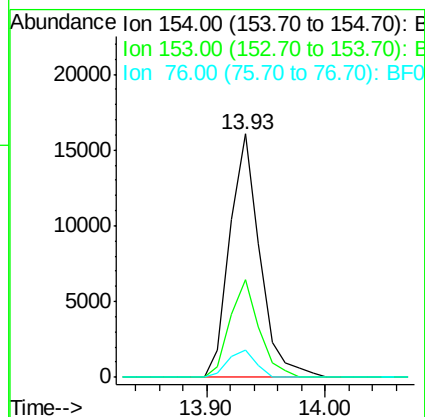
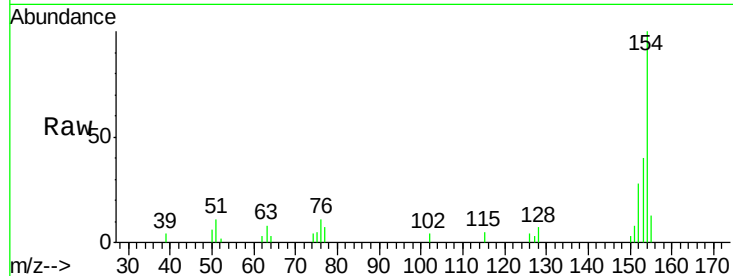




#45
 1,1'-Biphenyl
 Concen: 4.03 ng
 RT: 13.93 min Scan# 1102
 Delta R.T. -0.03 min
 Lab File: BF081671.D
 Acq: 17 Sep 2015 7:52

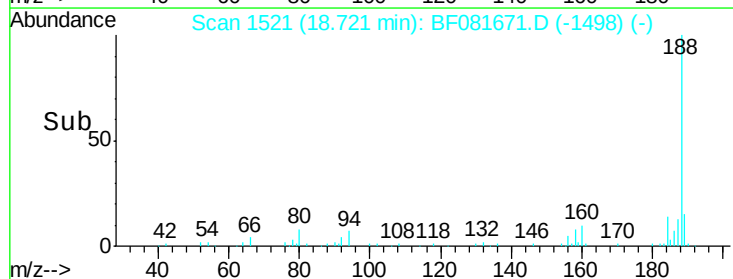
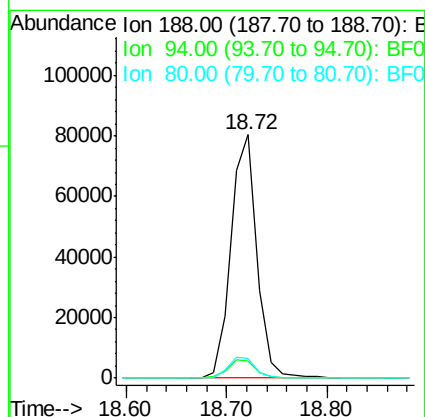
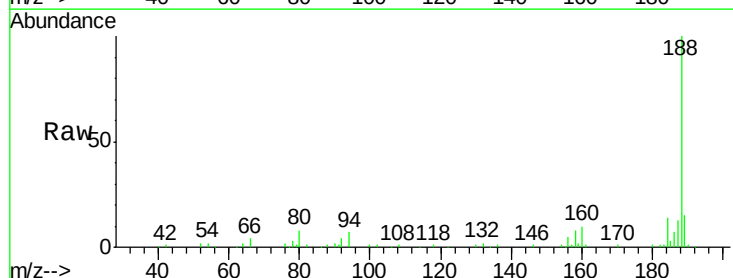
Instrument :
 BNA_F
 ClientSampleId :
 MGP203(2-4)DL2

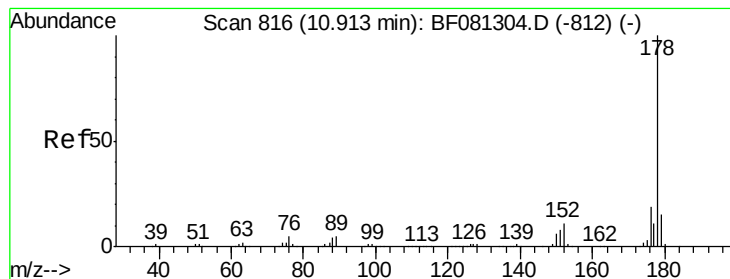
Tgt Ion:154 Resp: 28350
 Ion Ratio Lower Upper
 154 100
 153 40.2 17.1 57.1
 76 11.0 0.0 31.6



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 18.72 min Scan# 1521
 Delta R.T. -0.03 min
 Lab File: BF081671.D
 Acq: 17 Sep 2015 7:52

Tgt Ion:188 Resp: 143297
 Ion Ratio Lower Upper
 188 100
 94 7.1 11.1 16.7#
 80 8.2 11.0 16.4#





#70

Phenanthrene

Concen: 4.52 ng

RT: 18.77 min Scan# 1525

Delta R.T. -0.06 min

Lab File: BF081671.D

Acq: 17 Sep 2015 7:52

Instrument :

BNA_F

ClientSampleId :

MGP203(2-4)DL2

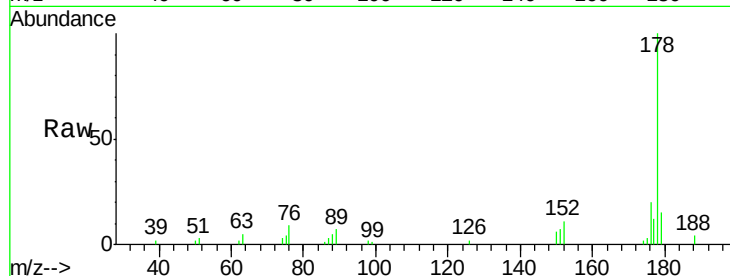
Tgt Ion:178 Resp: 36005

Ion Ratio Lower Upper

178 100

176 20.1 13.8 20.8

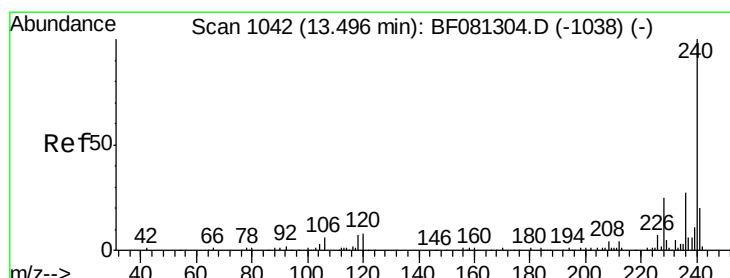
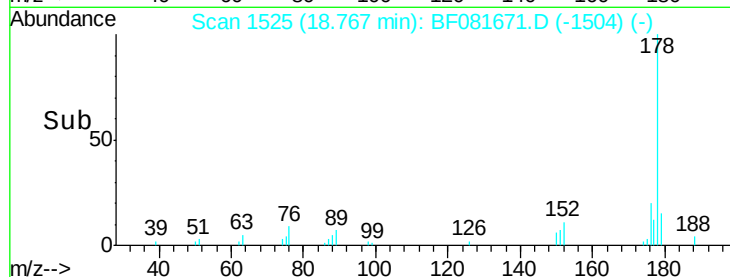
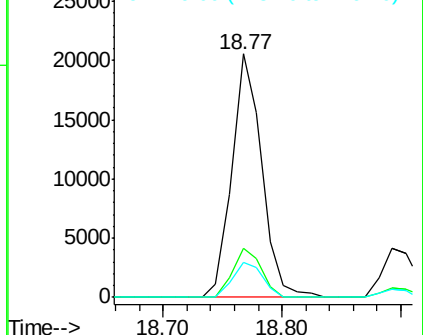
179 14.6 12.2 18.2



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 23.35 min Scan# 1926

Delta R.T. -0.03 min

Lab File: BF081671.D

Acq: 17 Sep 2015 7:52

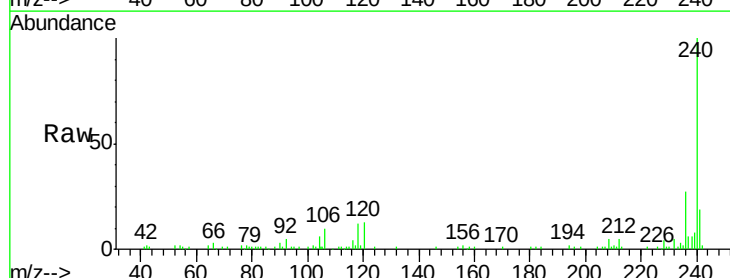
Tgt Ion:240 Resp: 91492

Ion Ratio Lower Upper

240 100

120 12.9 16.2 24.2#

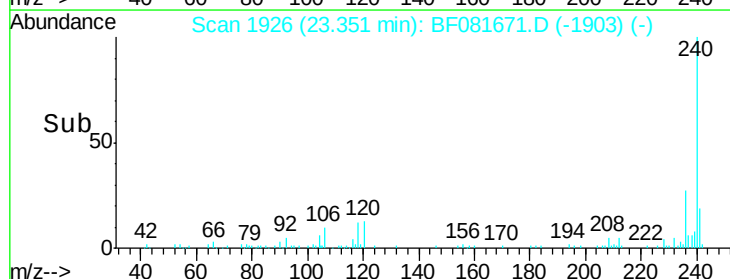
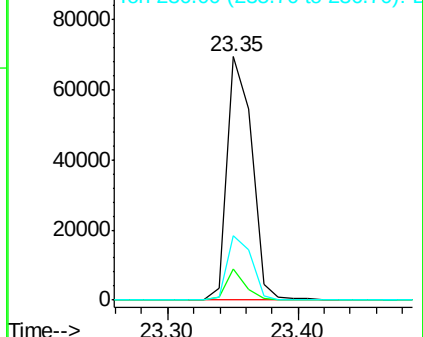
236 26.6 18.4 27.6

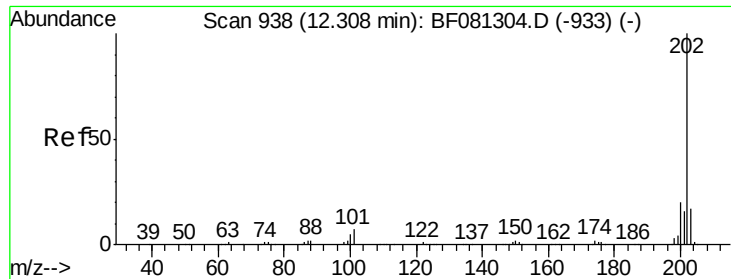


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

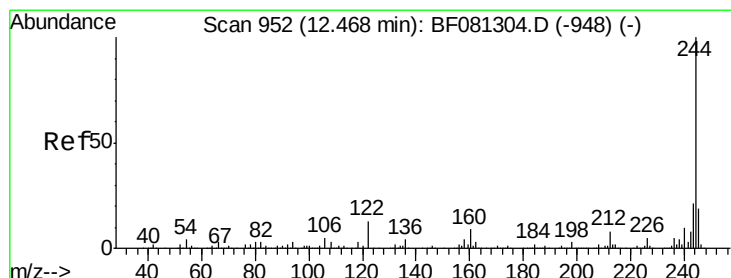
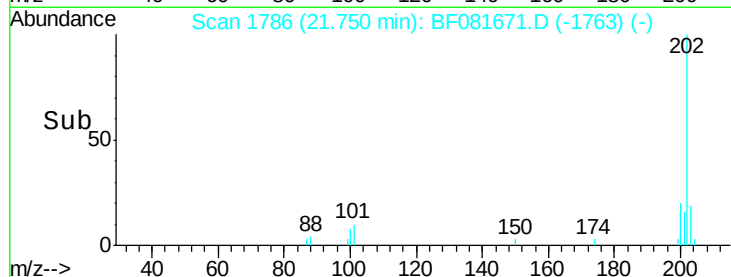
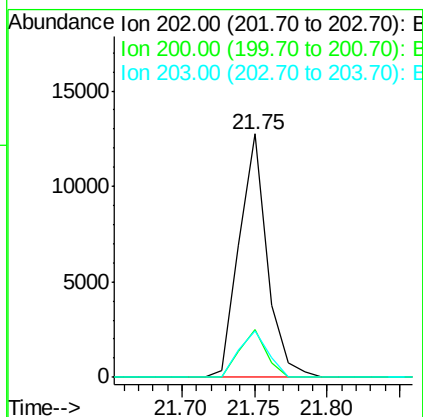
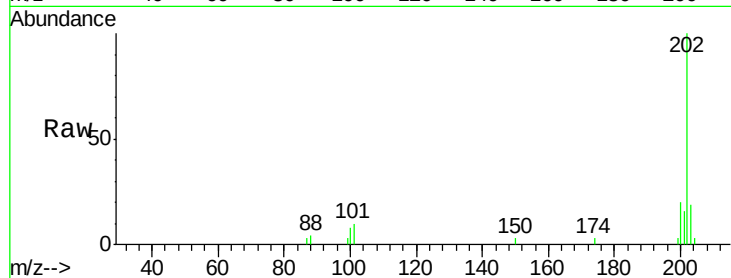




#77
Pyrene
 Concen: 2.52 ng
 RT: 21.75 min Scan# 1786
 Delta R.T. -0.03 min
 Lab File: BF081671.D
 Acq: 17 Sep 2015 7:52

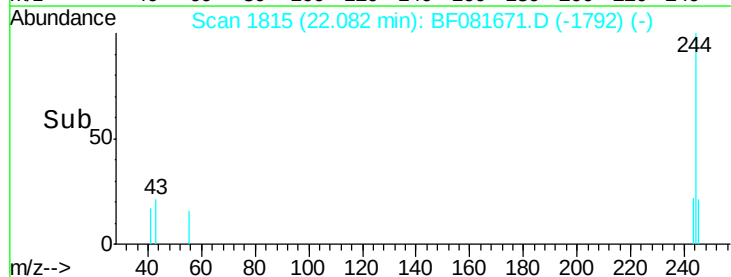
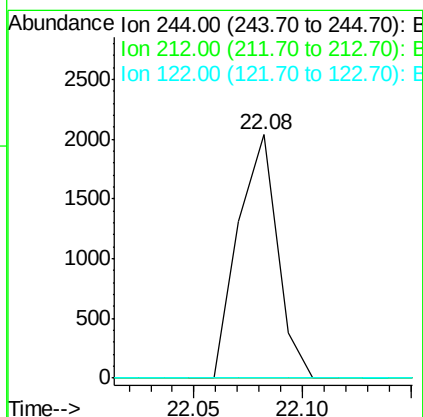
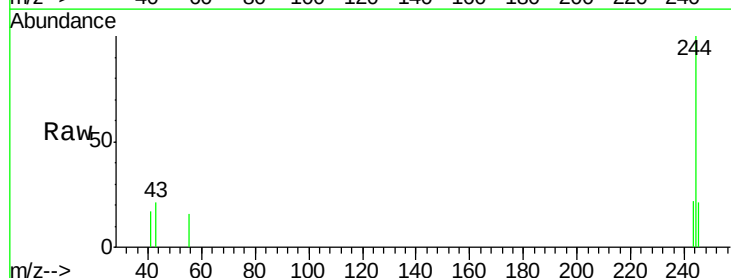
Instrument :
 BNA_F
 ClientSampleId :
 MGP203(2-4)DL2

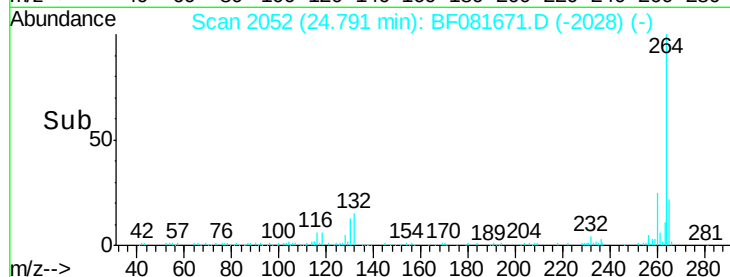
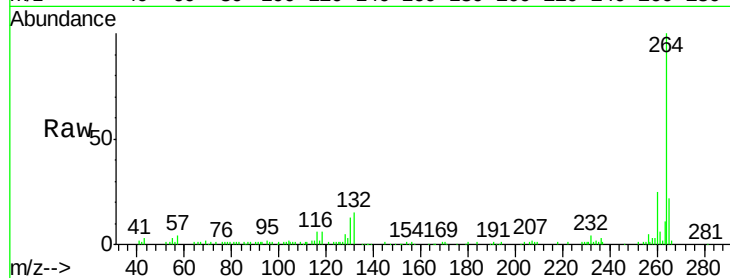
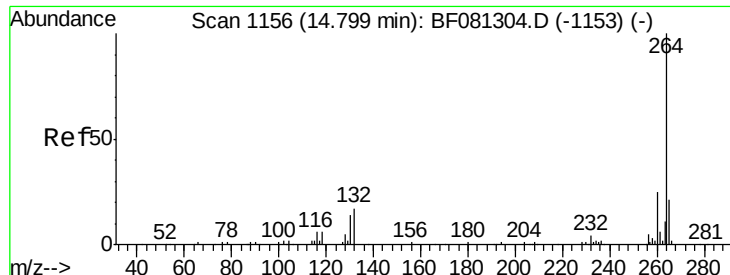
Tgt Ion: 202 Resp: 17094
 Ion Ratio Lower Upper
 202 100
 200 19.7 15.0 22.4
 203 19.2 14.1 21.1



#78
Terphenyl-d14
 Concen: 0.65 ng
 RT: 22.08 min Scan# 1815
 Delta R.T. -0.03 min
 Lab File: BF081671.D
 Acq: 17 Sep 2015 7:52

Tgt Ion: 244 Resp: 2559
 Ion Ratio Lower Upper
 244 100
 212 0.0 4.3 6.5#
 122 0.0 17.4 26.2#





#86

Perylene-d12

Concen: 20.00 ng

RT: 24.79 min Scan# 2052

Delta R.T. -0.02 min

Lab File: BF081671.D

Acq: 17 Sep 2015 7:52

Instrument :

BNA_F

ClientSampleId :

MGP203(2-4)DL2

Tgt Ion:264 Resp: 78793

Ion Ratio Lower Upper

264 100

260 24.5 16.7 25.1

265 21.7 17.2 25.8

