

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

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

Quant Time: Sep 17 08:25:06 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

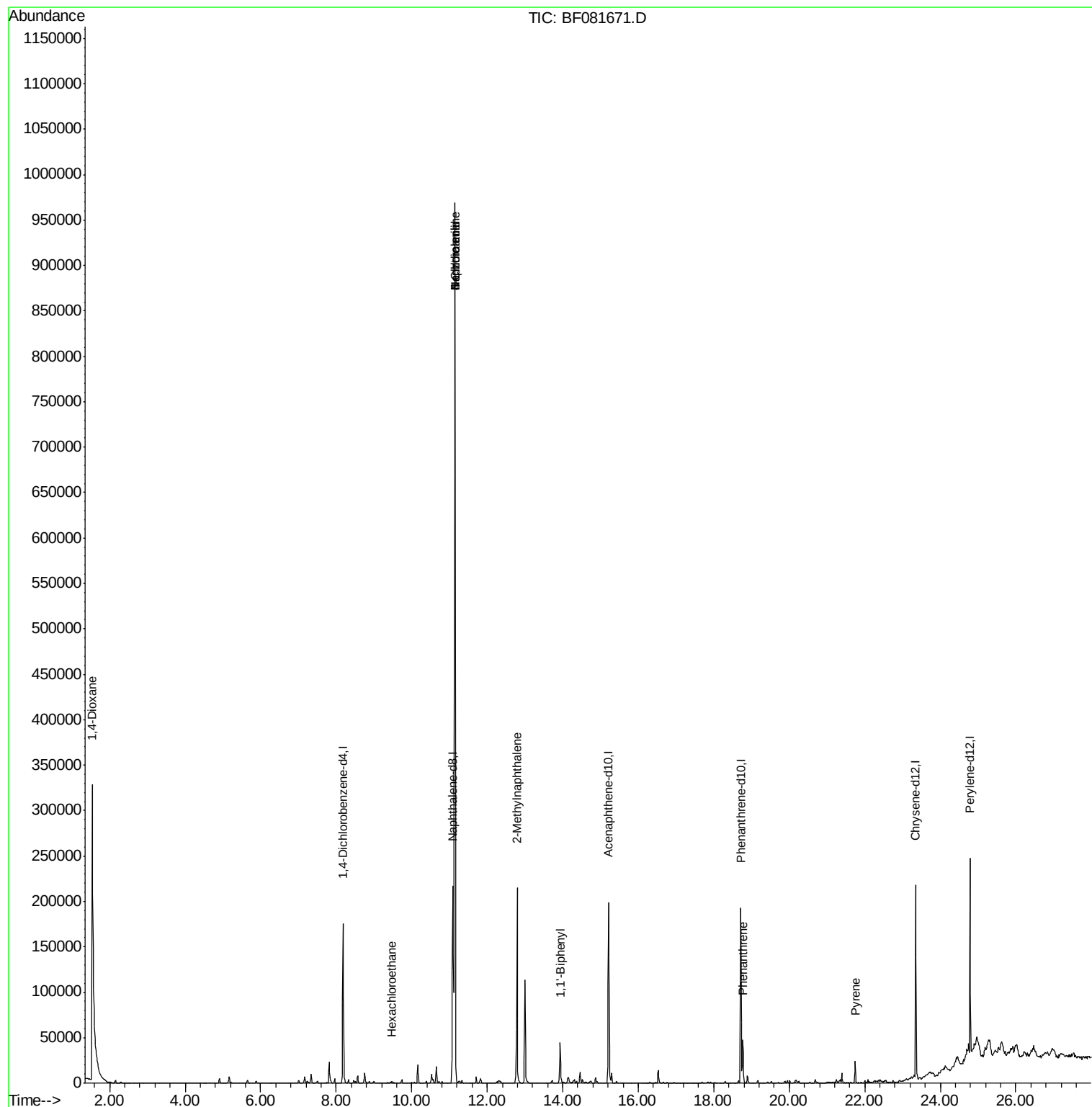
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	43308	20.00	ng	-0.03
21) Naphthalene-d8	11.09	136	173980	20.00	ng	-0.03
38) Acenaphthene-d10	15.21	164	76444	20.00	ng	-0.05
63) Phenanthrene-d10	18.72	188	143297	20.00	ng	-0.03
75) Chrysene-d12	23.35	240	91492	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						
2) 1,4-Dioxane	1.53	88	19204	15.32	ng	# 14
18) Hexachloroethane	9.47	117	2850	2.19	ng	# 46
31) Naphthalene	11.14	128	732292	78.92	ng	# 98
32) Benzoic acid	11.14	122	1481	3.24	ng	# 1
33) 4-Chloroaniline	11.14	127	96445	25.48	ng	# 38
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

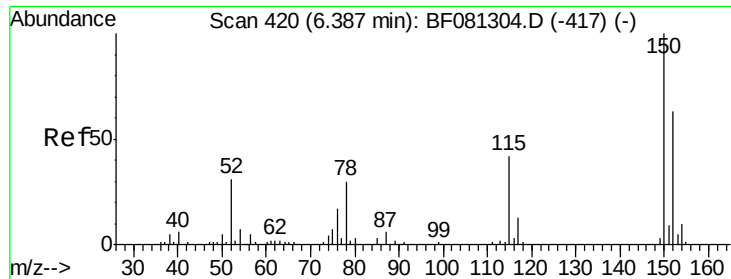
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

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

Quant Time: Sep 17 08:25:06 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





#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

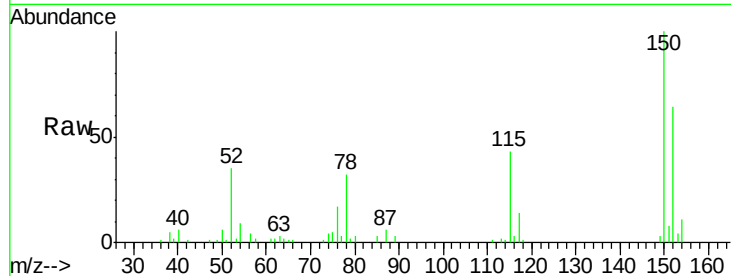
Tgt Ion:152 Resp: 43308

Ion Ratio Lower Upper

152 100

150 155.8 124.7 187.1

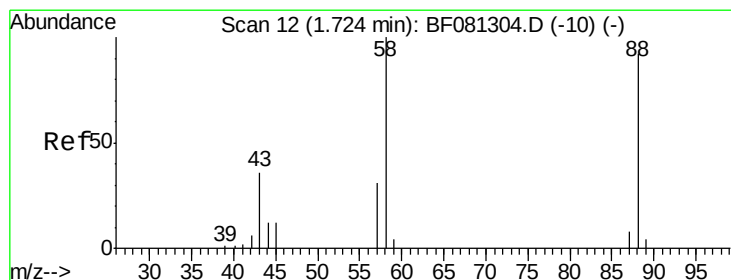
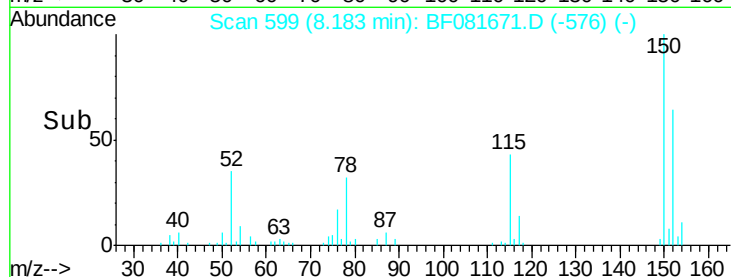
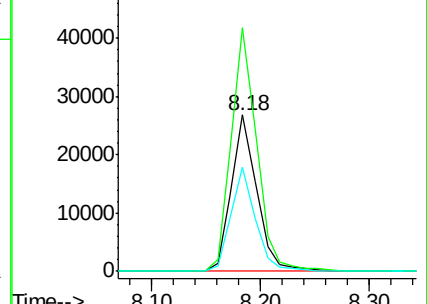
115 67.0 39.0 58.4#



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



#2

1,4-Dioxane

Concen: 15.32 ng

RT: 1.53 min Scan# 17

Delta R.T. -0.03 min

Lab File: BF081671.D

Acq: 17 Sep 2015 7:52

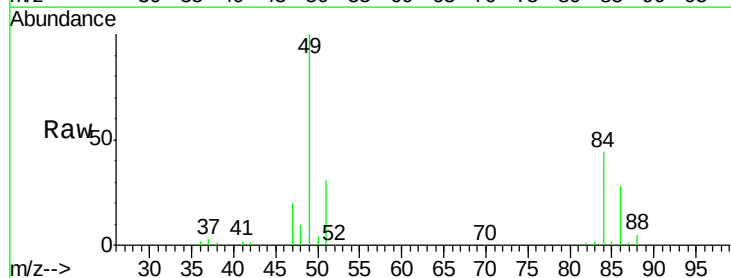
Tgt Ion: 88 Resp: 19204

Ion Ratio Lower Upper

88 100

58 0.0 77.7 116.5#

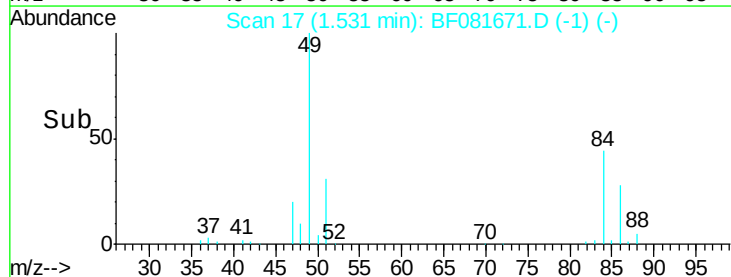
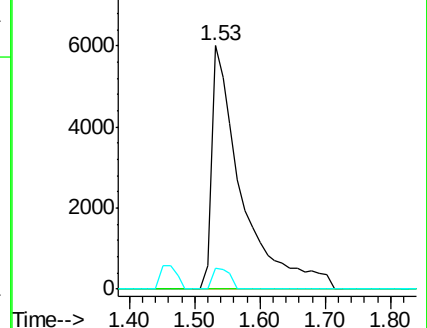
43 4.9 26.6 40.0#

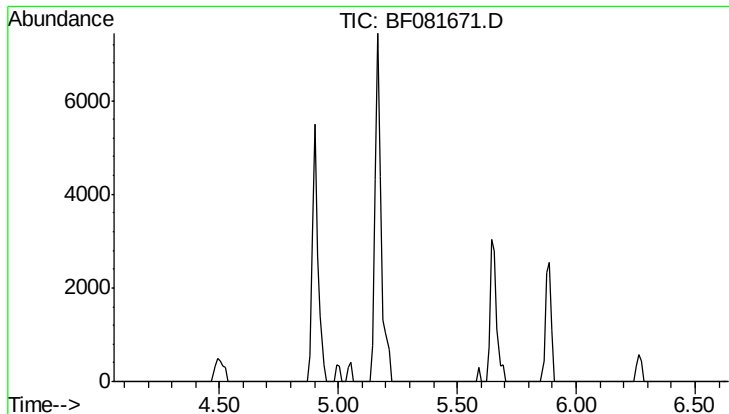


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

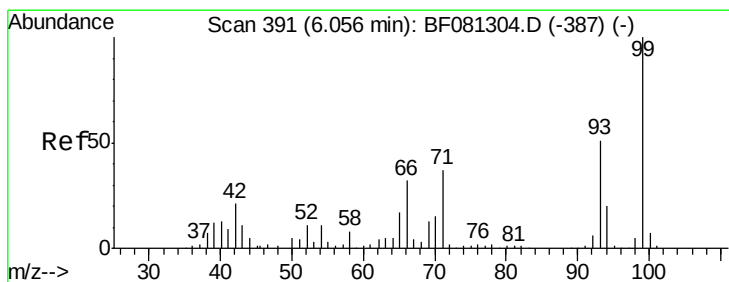
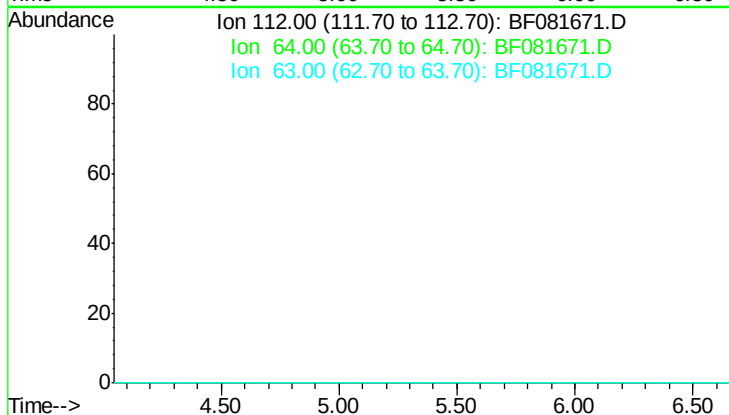




#5
 2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.35 min
 Lab File: BF081671.D
 Acq: 17 Sep 2015 7:52

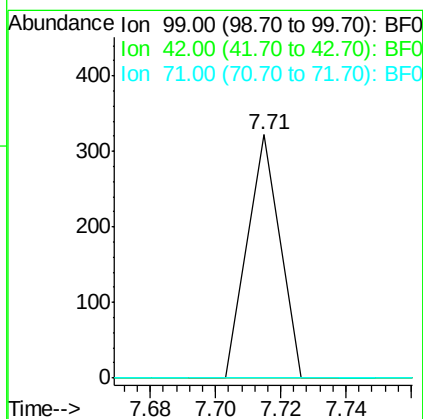
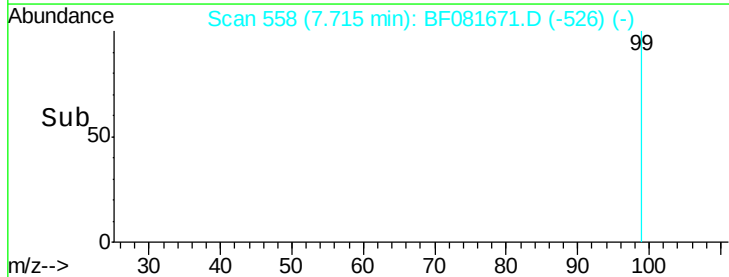
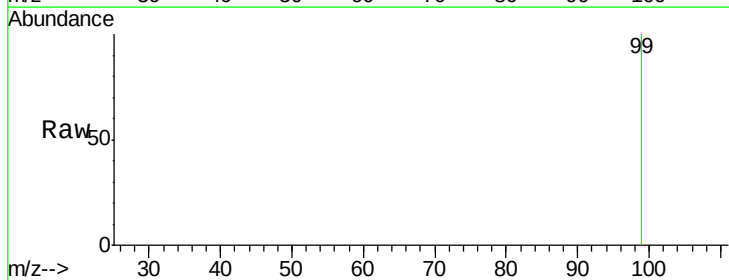
Instrument :
 BNA_F
 ClientSampleId :
 MGP203(2-4)DL2

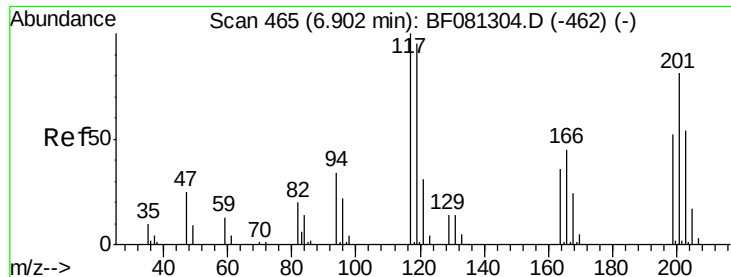
Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 49.6
 63 21.7



#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

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#

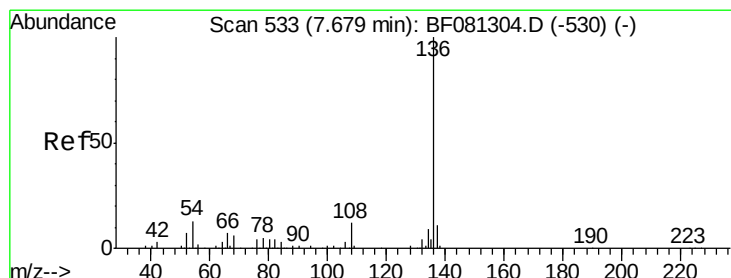
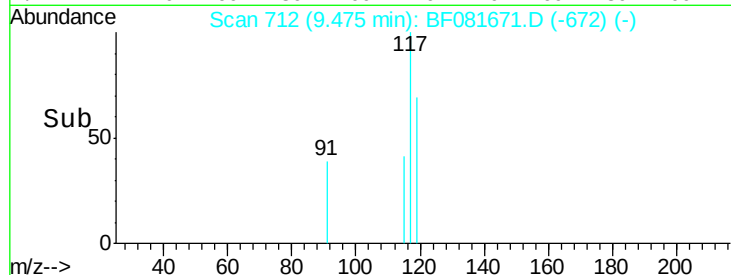
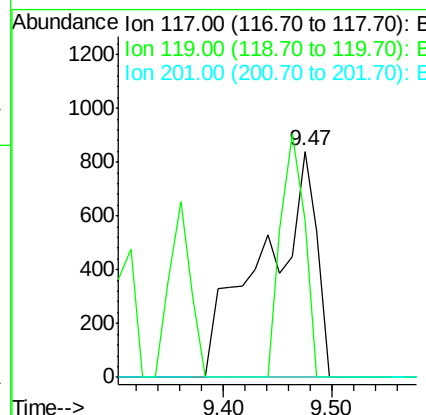
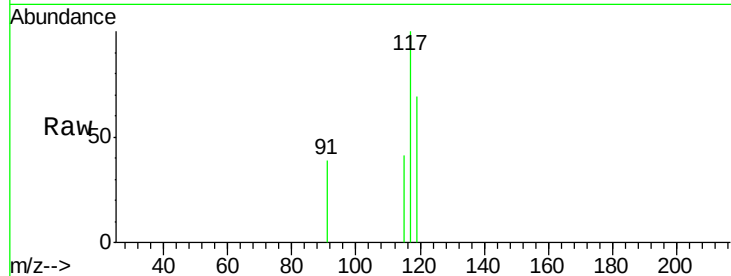




#18
Hexachloroethane
Concen: 2.19 ng
RT: 9.47 min Scan# 712
Delta R.T. 0.16 min
Lab File: BF081671.D
Acq: 17 Sep 2015 7:52

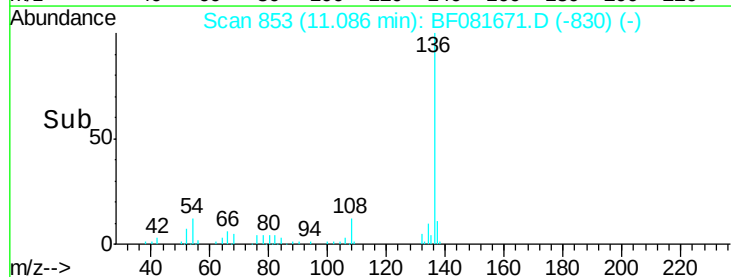
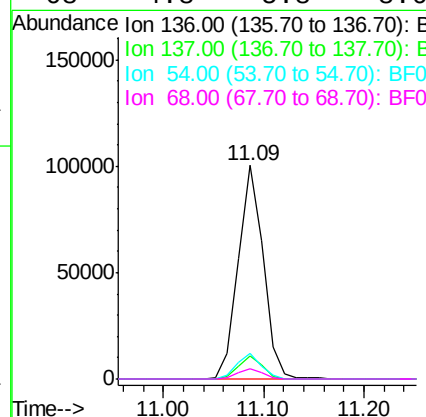
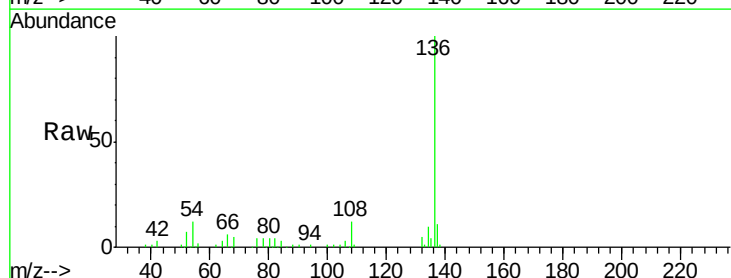
Instrument :
BNA_F
ClientSampleId :
MGP203(2-4)DL2

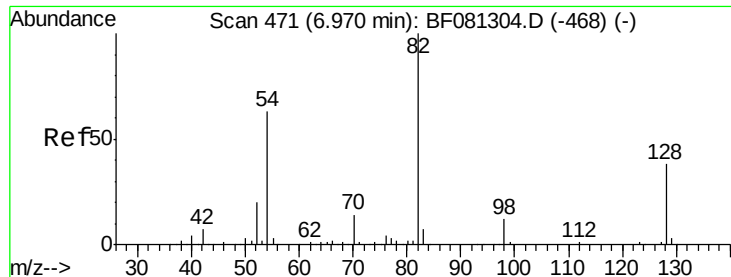
Tgt Ion:117 Resp: 2850
Ion Ratio Lower Upper
117 100
119 69.2 83.8 125.6#
201 0.0 55.1 82.7#



#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#

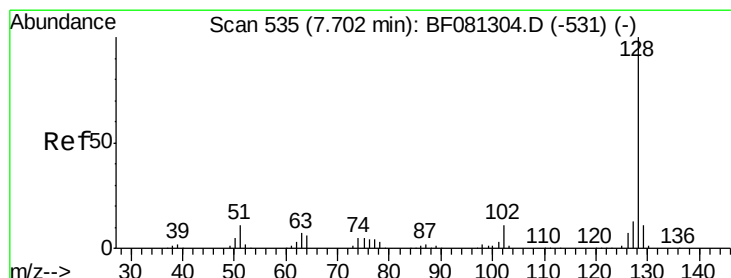
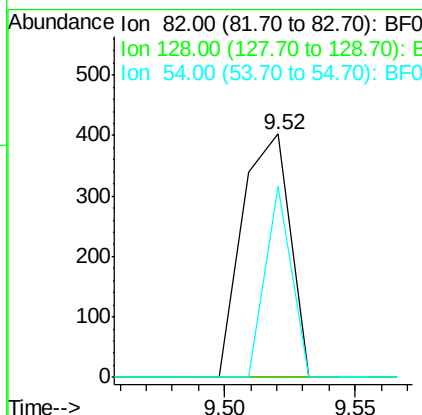
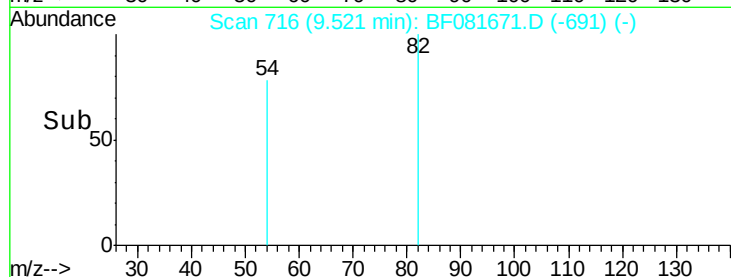
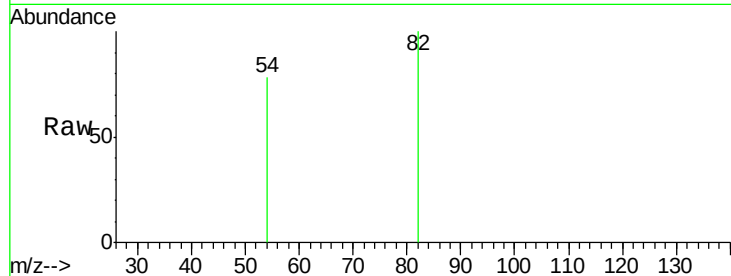




#23
 Nitrobenzene-d5
 Concen: 0.14 ng
 RT: 9.52 min Scan# 716
 Delta R.T. -0.01 min
 Lab File: BF081671.D
 Acq: 17 Sep 2015 7:52

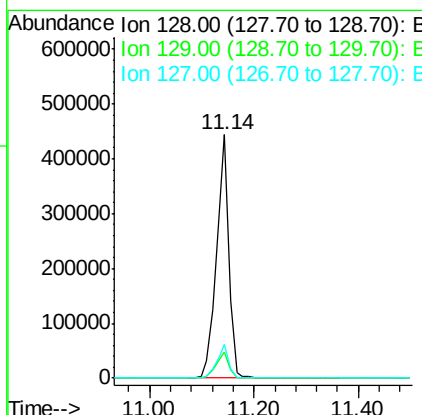
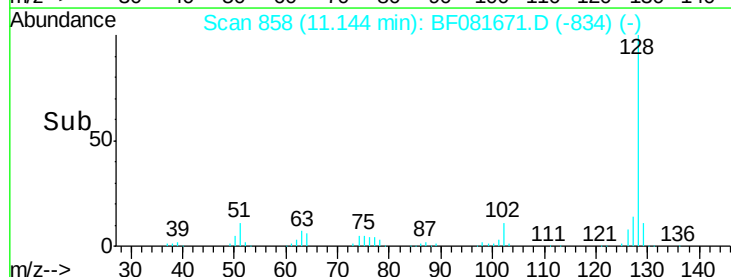
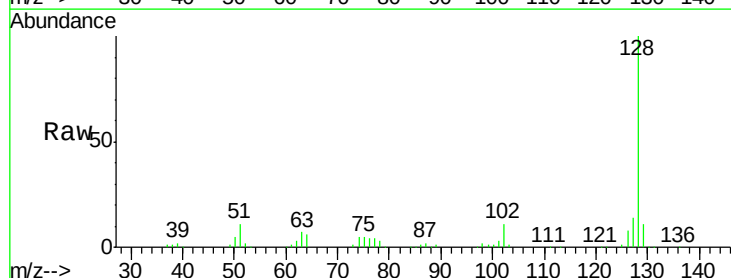
Instrument :
 BNA_F
 ClientSampleId :
 MGP203(2-4)DL2

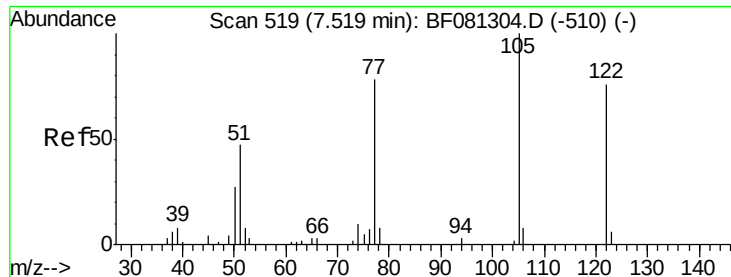
Tgt Ion: 82 Resp: 509
 Ion Ratio Lower Upper
 82 100
 128 0.0 51.0 76.6#
 54 78.4 47.5 71.3#



#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

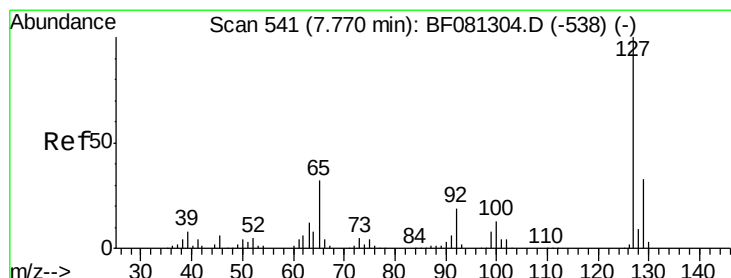
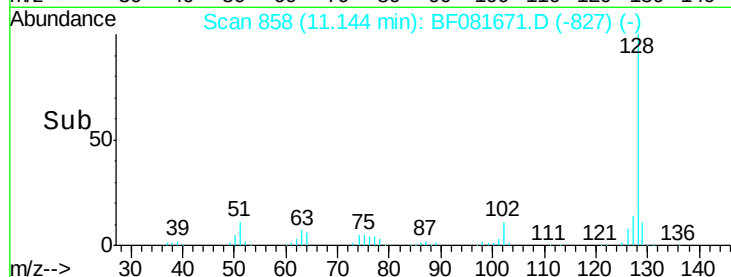
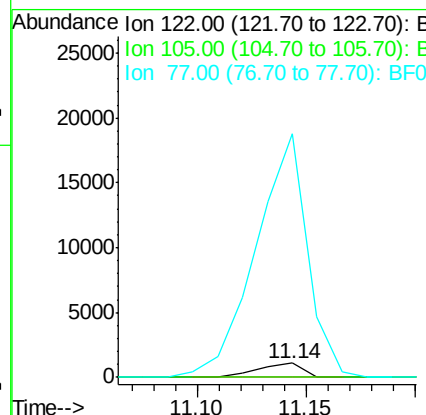
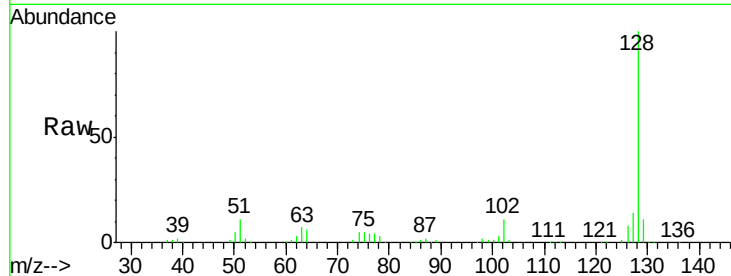




#32
Benzoic acid
Concen: 3.24 ng
RT: 11.14 min Scan# 858
Delta R.T. 0.06 min
Lab File: BF081671.D
Acq: 17 Sep 2015 7:52

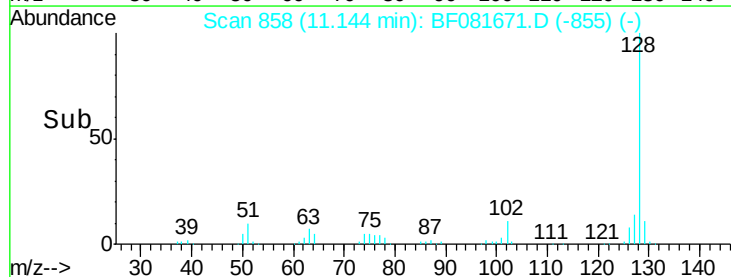
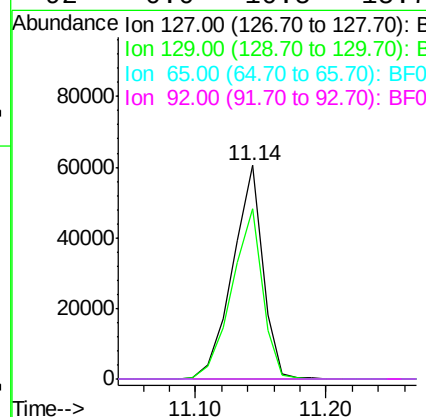
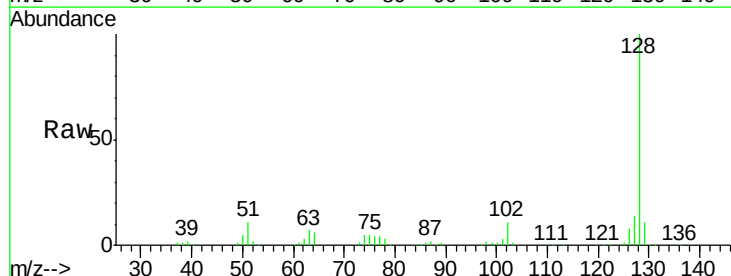
Instrument :
BNA_F
ClientSampleId :
MGP203(2-4)DL2

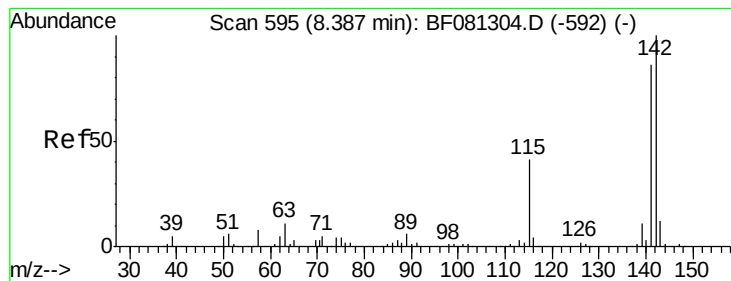
Tgt Ion:122 Resp: 1481
Ion Ratio Lower Upper
122 100
105 0.0 76.1 116.1#
77 1743.4 40.5 80.5#



#33
4-Chloroaniline
Concen: 25.48 ng
RT: 11.14 min Scan# 858
Delta R.T. -0.26 min
Lab File: BF081671.D
Acq: 17 Sep 2015 7:52

Tgt Ion:127 Resp: 96445
Ion Ratio Lower Upper
127 100
129 80.0 25.8 38.6#
65 0.0 17.9 26.9#
92 0.0 10.5 15.7#

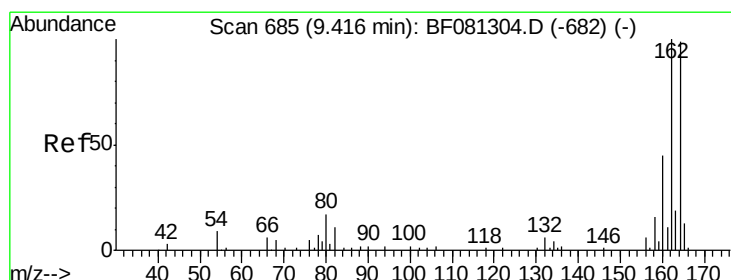
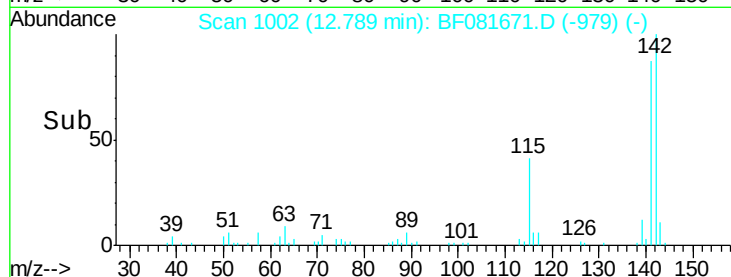
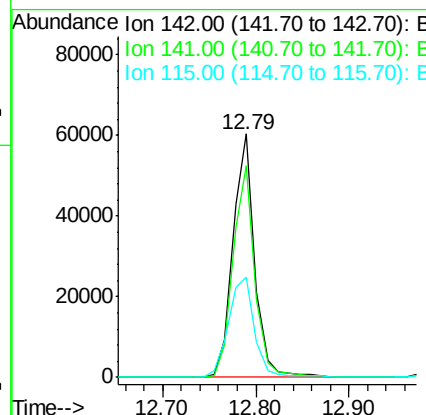
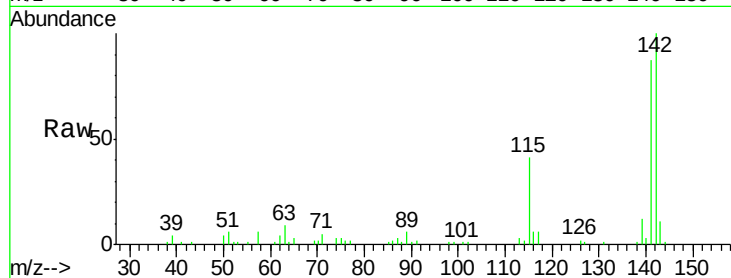




#37
 2-Methylnaphthalene
 Concen: 16.28 ng
 RT: 12.79 min Scan# 1002
 Delta R.T. -0.03 min
 Lab File: BF081671.D
 Acq: 17 Sep 2015 7:52

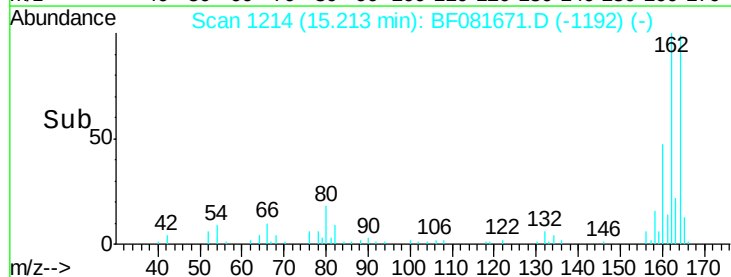
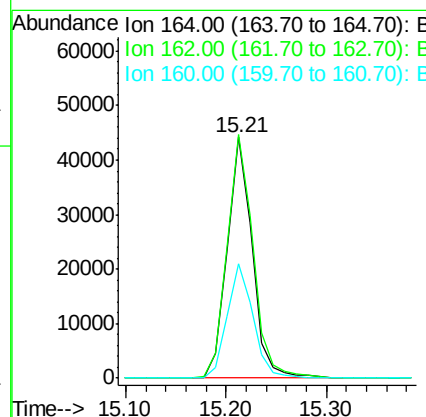
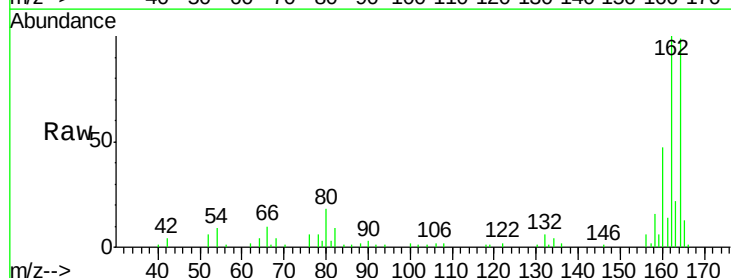
Instrument :
 BNA_F
 ClientSampleId :
 MGP203(2-4)DL2

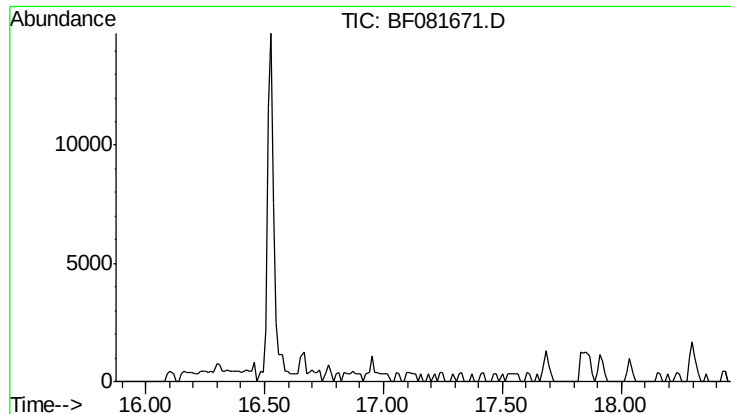
Tgt Ion:142 Resp: 98287
 Ion Ratio Lower Upper
 142 100
 141 86.8 67.5 101.3
 115 41.0 18.2 27.2#



#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#

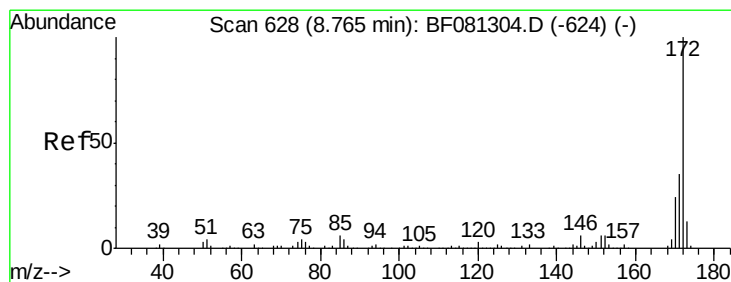
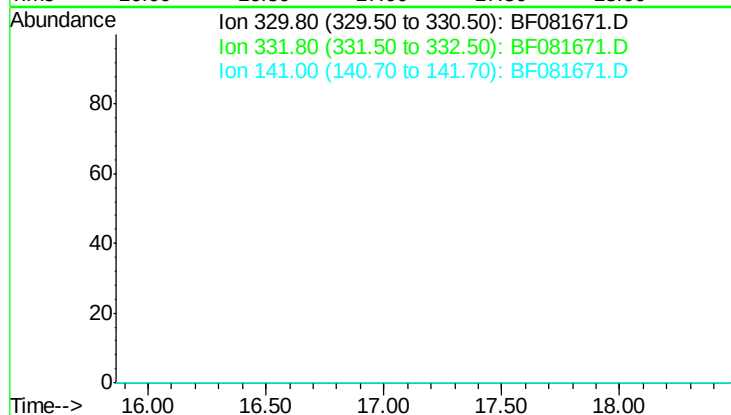




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 17.17 min
 Lab File: BF081671.D
 Acq: 17 Sep 2015 7:52

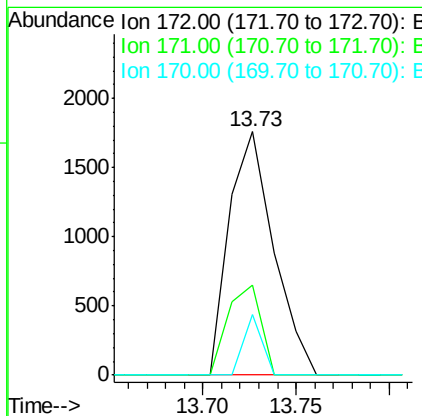
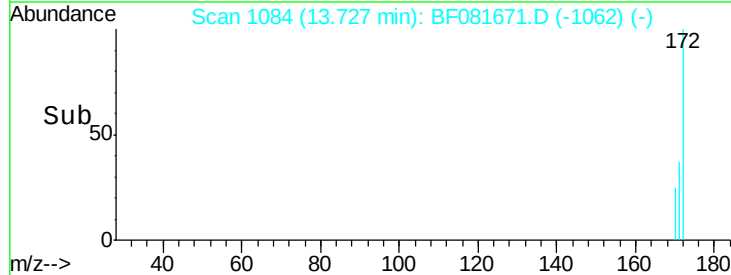
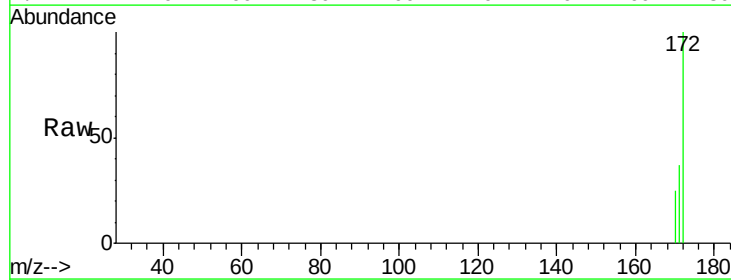
Instrument :
 BNA_F
 ClientSampleId :
 MGP203(2-4)DL2

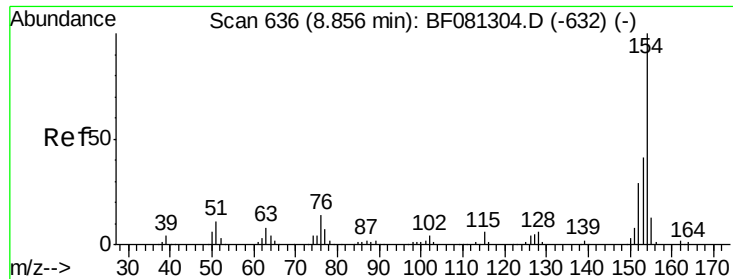
Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 95.7
 141 37.1



#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

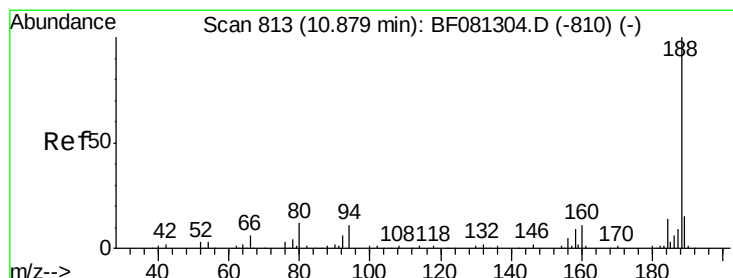
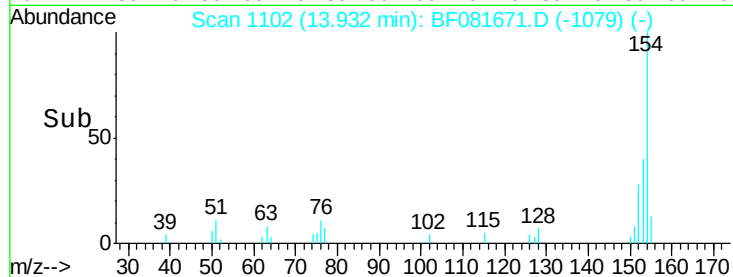
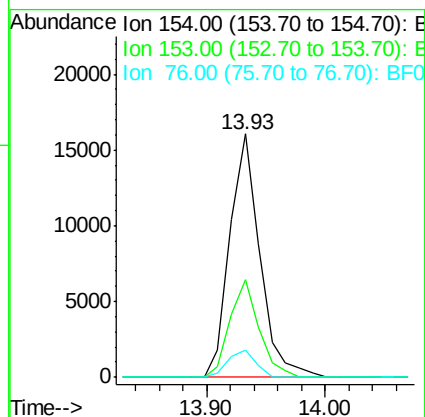
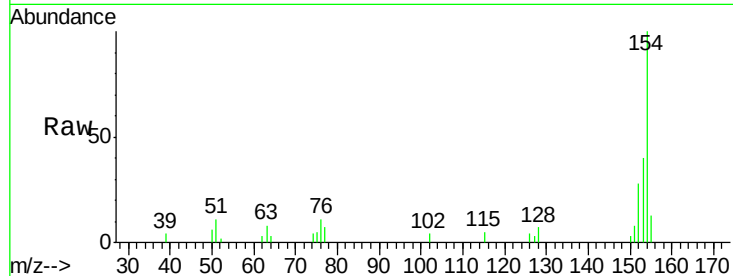




#45
 1,1'-Biphenyl
 Concen: 4.03 ng
 RT: 13.93 min Scan# 1102
 Delta R.T. -0.03 min
 Lab File: BF081671.D
 Acq: 17 Sep 2015 7:52

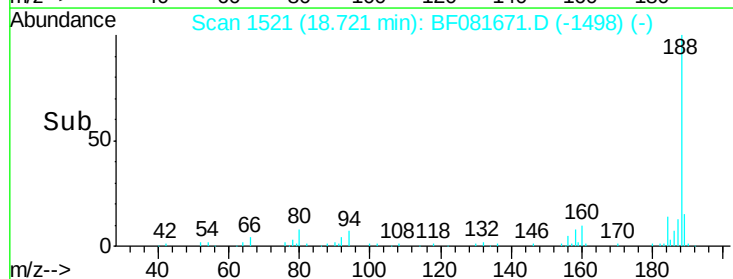
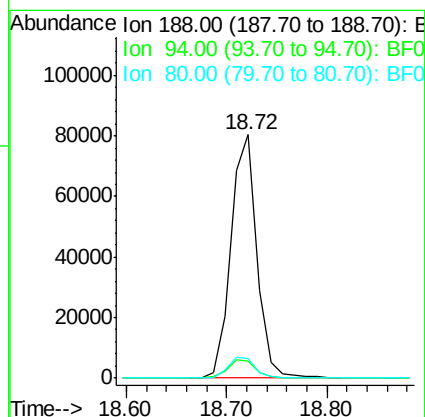
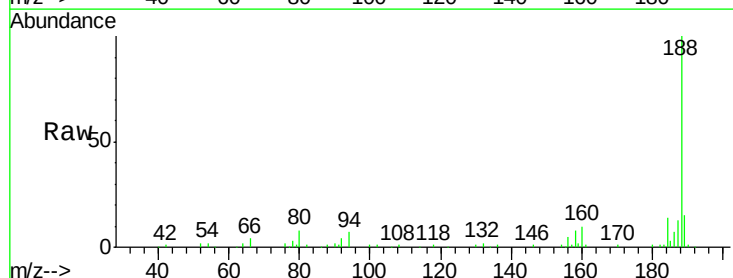
Instrument :
 BNA_F
 ClientSampleId :
 MGP203(2-4)DL2

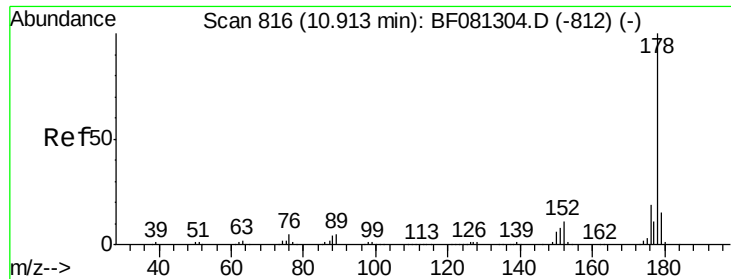
Tgt Ion:154 Resp: 28350
 Ion Ratio Lower Upper
 154 100
 153 40.2 17.1 57.1
 76 11.0 0.0 31.6



#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#

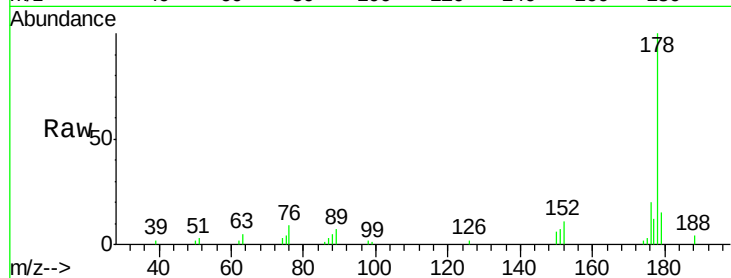




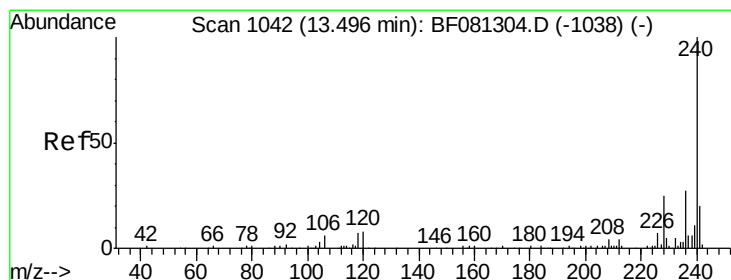
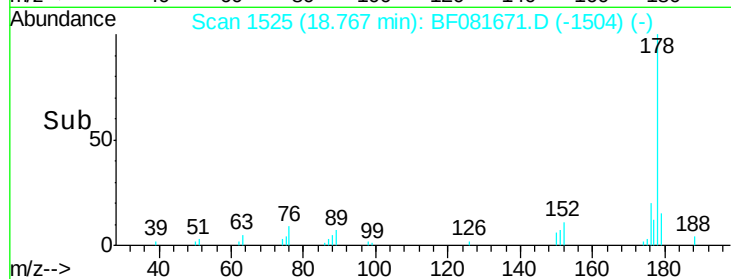
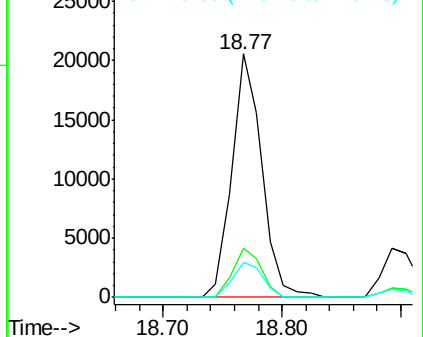
#70
Phenanthrene
Concen: 4.52 ng
RT: 18.77 min Scan# 1525
Delta R.T. -0.06 min
Lab File: BF081671.D
Acq: 17 Sep 2015 7:52

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

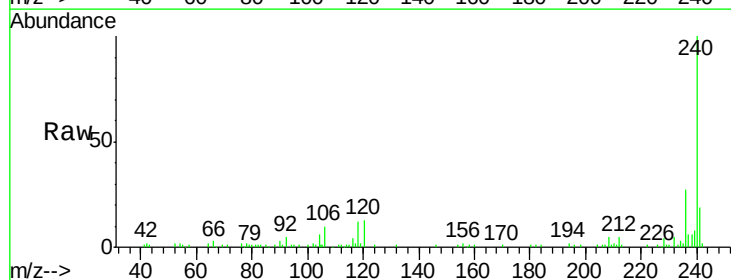


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

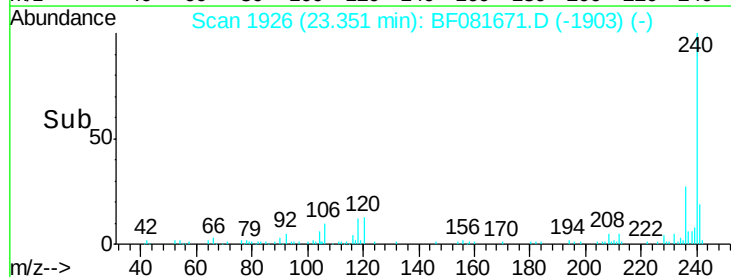
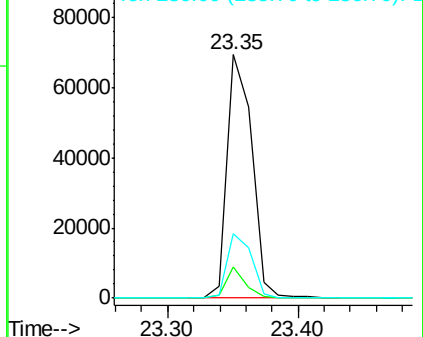


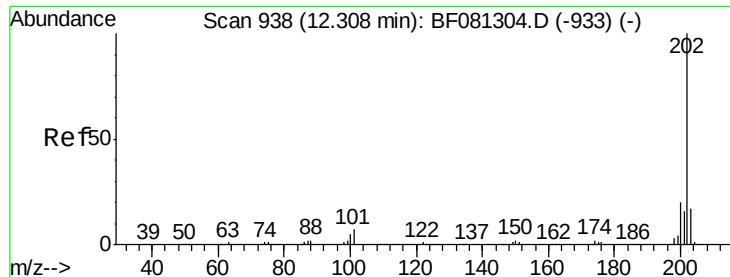
#75
Chrysene-d12
Concen: 20.00 ng
RT: 23.35 min Scan# 1926
Delta R.T. -0.03 min
Lab File: BF081671.D
Acq: 17 Sep 2015 7:52

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

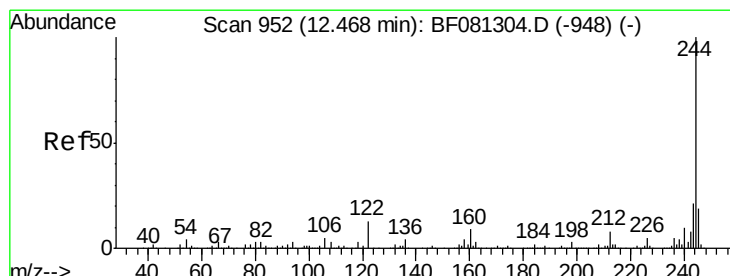
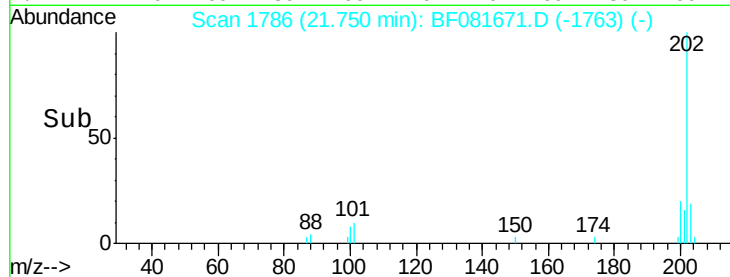
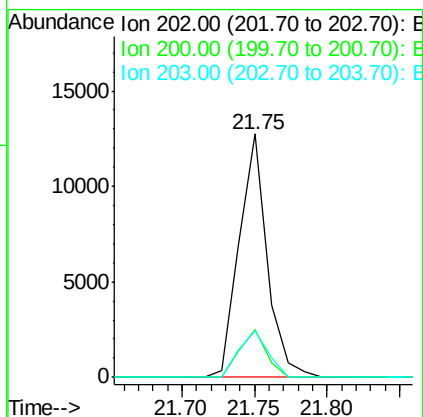
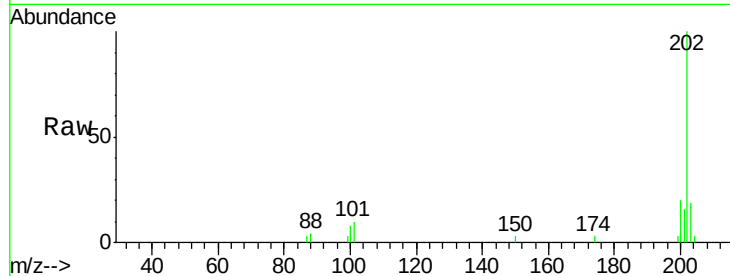




#77
Pyrene
 Concen: 2.52 ng
 RT: 21.75 min Scan# 1786
 Delta R.T. -0.03 min
 Lab File: BF081671.D
 Acq: 17 Sep 2015 7:52

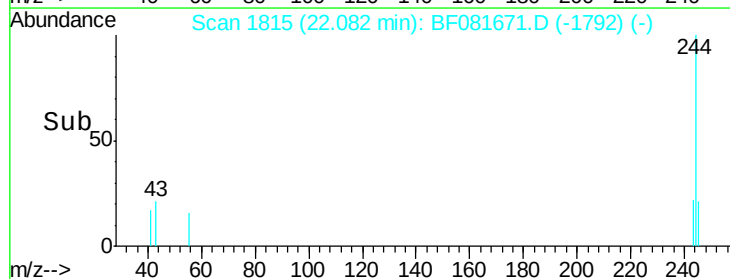
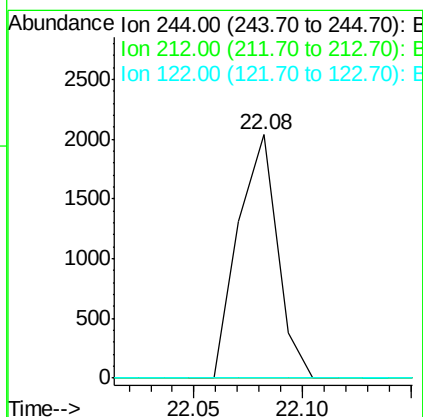
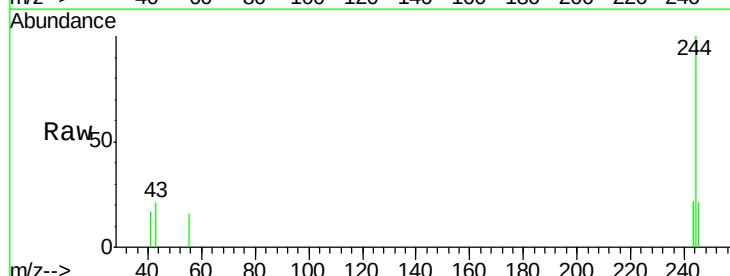
Instrument :
 BNA_F
 ClientSampleId :
 MGP203(2-4)DL2

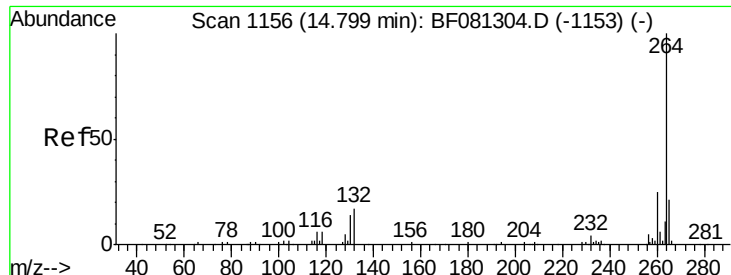
Tgt Ion: 202 Resp: 17094
 Ion Ratio Lower Upper
 202 100
 200 19.7 15.0 22.4
 203 19.2 14.1 21.1



#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

