

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111716\
 Data File : BF091216.D
 Acq On : 17 Nov 2016 17:03
 Operator : UM/SJ
 Sample : H5686-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Quant Time: Nov 18 03:38:54 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

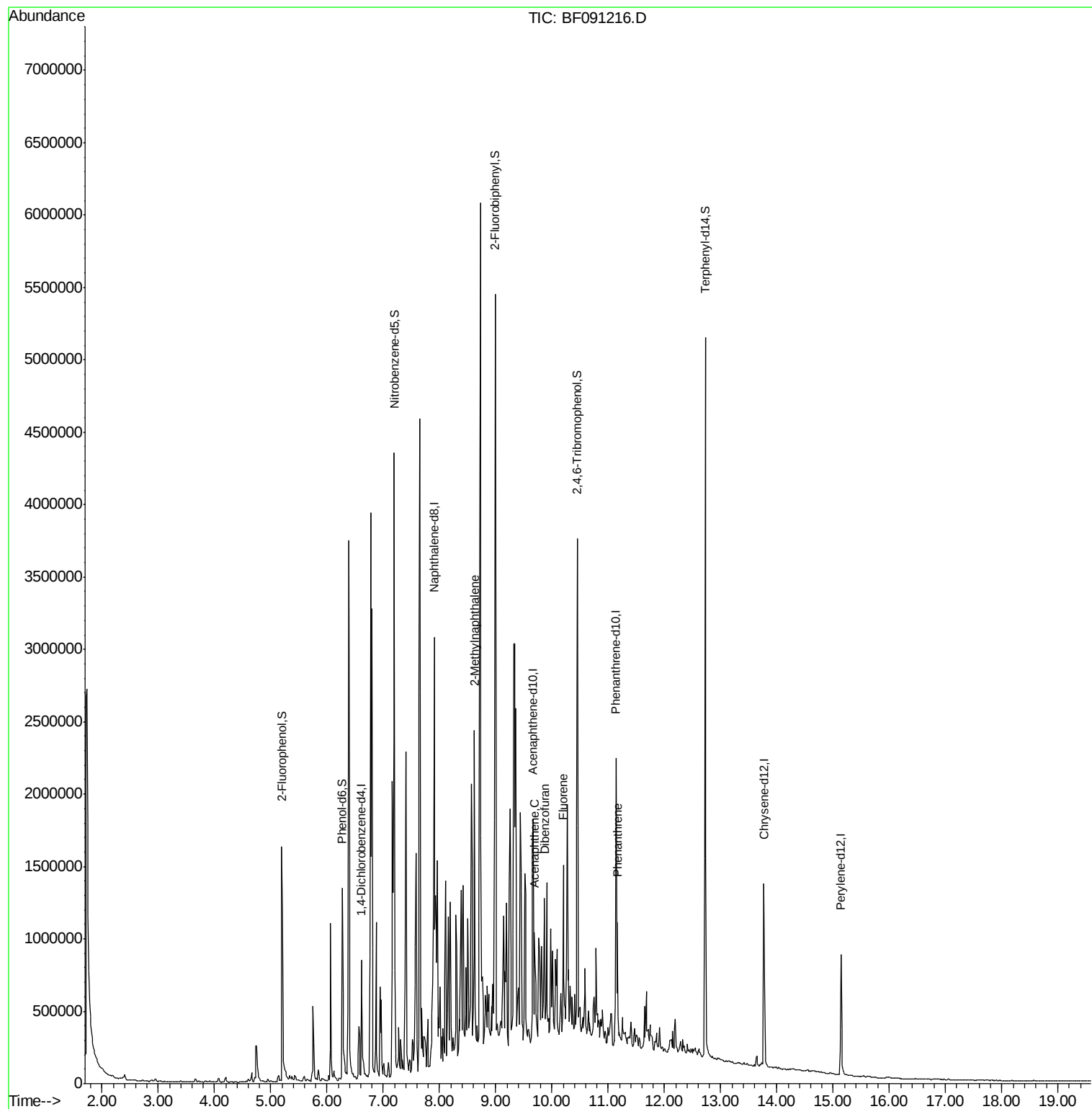
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	179731	20.00	ng	-0.05
21) Naphthalene-d8	7.90	136	759756	20.00	ng	-0.05
38) Acenaphthene-d10	9.66	164	421203	20.00	ng	-0.03
63) Phenanthrene-d10	11.14	188	676289	20.00	ng	-0.03
75) Chrysene-d12	13.77	240	475141	20.00	ng	-0.05
86) Perylene-d12	15.14	264	343689	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	731841	67.25	ng	-0.05
7) Phenol-d6	6.27	99	635292	43.01	ng	-0.05
23) Nitrobenzene-d5	7.20	82	1194678	85.78	ng	-0.05
41) 2,4,6-Tribromophenol	10.45	330	487315	127.97	ng	-0.03
44) 2-Fluorobiphenyl	8.99	172	1975904	80.76	ng	-0.05
78) Terphenyl-d14	12.73	244	1809776	95.05	ng	-0.03
Target Compounds						Qvalue
37) 2-Methylnaphthalene	8.62	142	632320	27.07	ng	99
51) Acenaphthene	9.69	154	154778	6.77	ng	99
54) Dibenzofuran	9.87	168	167422	5.44	ng	# 88
57) Fluorene	10.20	166	263501	10.48	ng	# 96
70) Phenanthrene	11.16	178	307466	8.55	ng	99

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111716\
Data File : BF091216.D
Acq On : 17 Nov 2016 17:03
Operator : UM/SJ
Sample : H5686-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-1

Quant Time: Nov 18 03:38:54 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 12:59:29 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.61 min Scan# 431

Delta R.T. -0.05 min

Lab File: BF091216.D

Acq: 17 Nov 2016 17:03

Instrument :

BNA_F

ClientSampleId :

MW-1

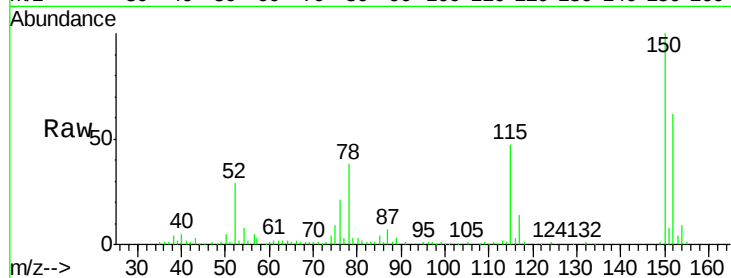
Tot Ion:152 Resp: 179731

Ion Ratio Lower Upper

152 100

150 161.7 126.8 190.2

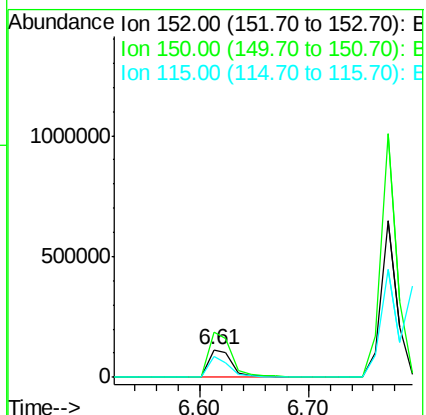
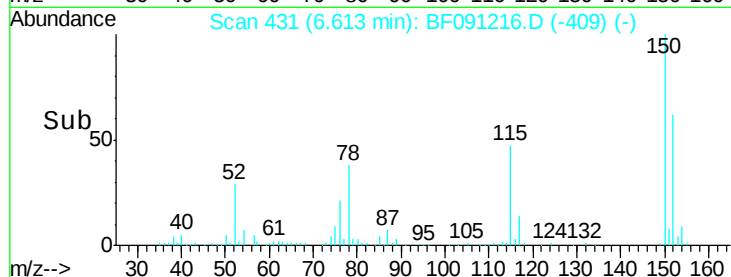
115 75.5 53.3 79.9



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: 67.25 ng

RT: 5.20 min Scan# 307

Delta R.T. -0.05 min

Lab File: BF091216.D

Acq: 17 Nov 2016 17:03

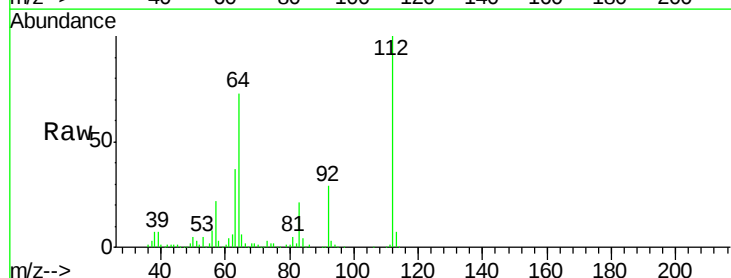
Tgt Ion:112 Resp: 731841

Ion Ratio Lower Upper

112 100

64 73.0 55.8 83.6

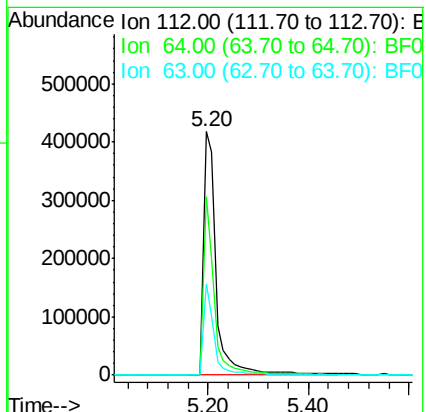
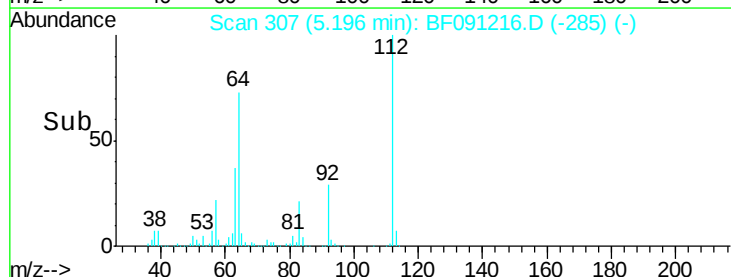
63 37.3 28.0 42.0



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: 43.01 ng

RT: 6.27 min Scan# 401

Delta R.T. -0.05 min

Lab File: BF091216.D

Acq: 17 Nov 2016 17:03

Instrument :

BNA_F

ClientSampleId :

MW-1

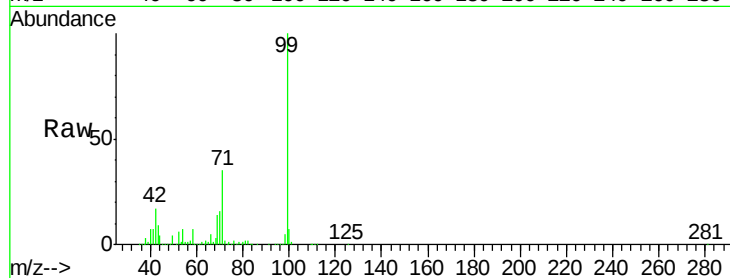
Tot Ion: 99 Resp: 635292

Ion Ratio Lower Upper

99 100

42 17.3 13.9 20.9

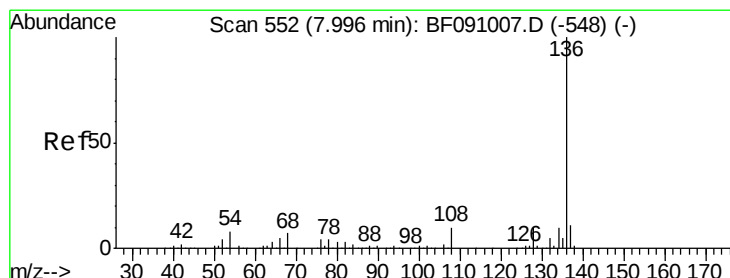
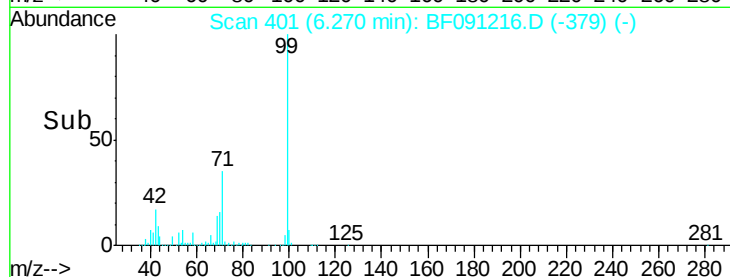
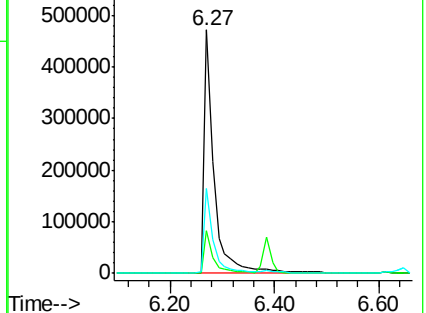
71 35.0 27.8 41.8



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 544

Delta R.T. -0.05 min

Lab File: BF091216.D

Acq: 17 Nov 2016 17:03

Tgt Ion: 136 Resp: 759756

Ion Ratio Lower Upper

136 100

137 11.6 8.9 13.3

54 9.1 6.2 9.2

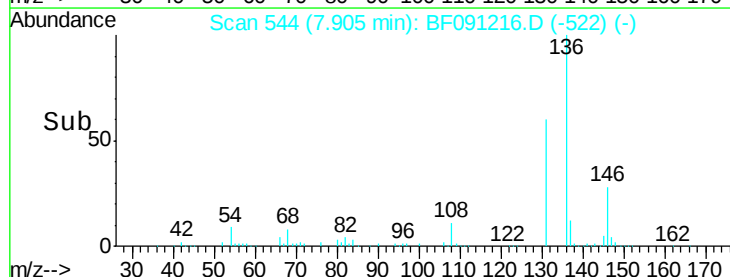
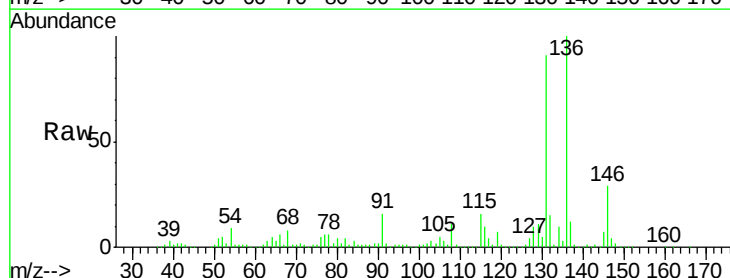
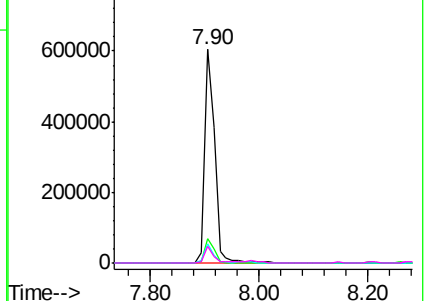
68 7.9 5.5 8.3

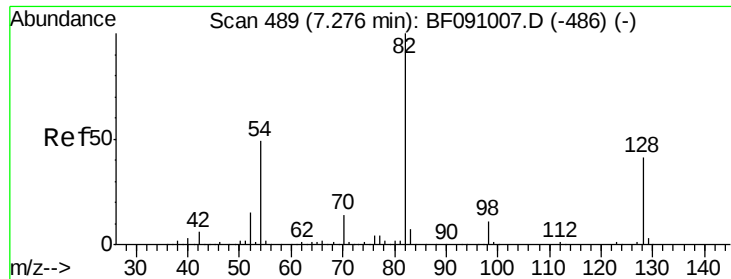
Abundance Ion 136.00 (135.70 to 136.70): E

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



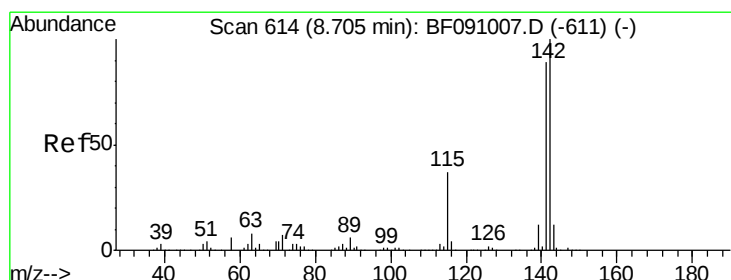
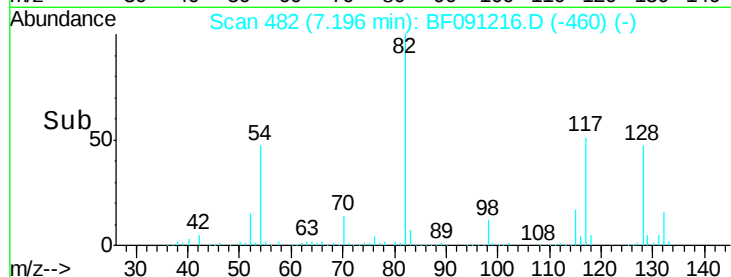
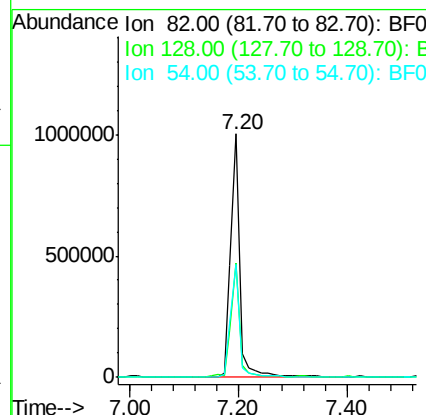
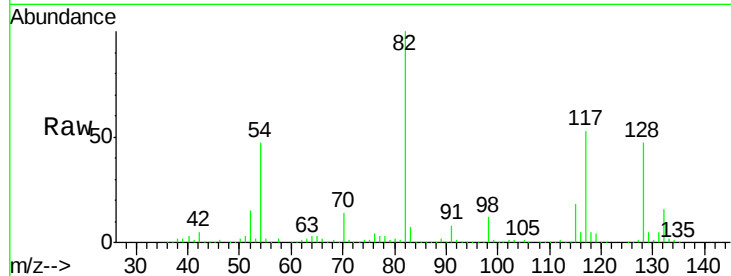


#23
 Nitrobenzene-d5
 Concen: 85.78 ng
 RT: 7.20 min Scan# 482
 Delta R.T. -0.05 min
 Lab File: BF091216.D
 Acq: 17 Nov 2016 17:03

Instrument :
 BNA_F
 ClientSampled :
 MW-1

Tot Ion: 82 Resp: 1194678

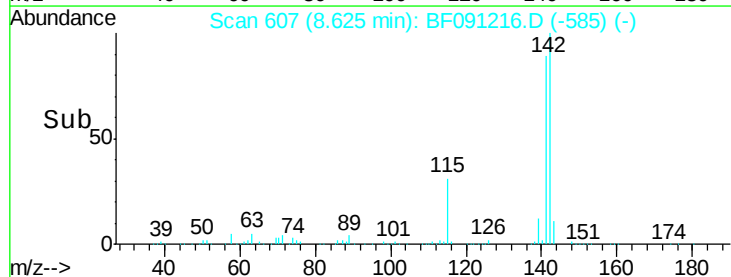
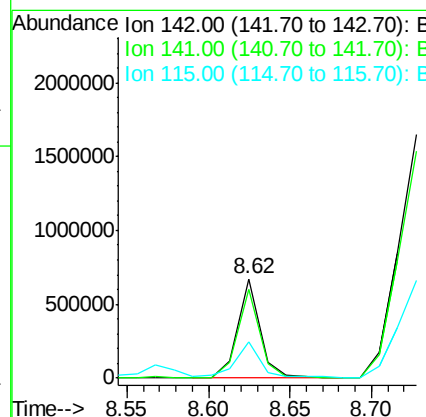
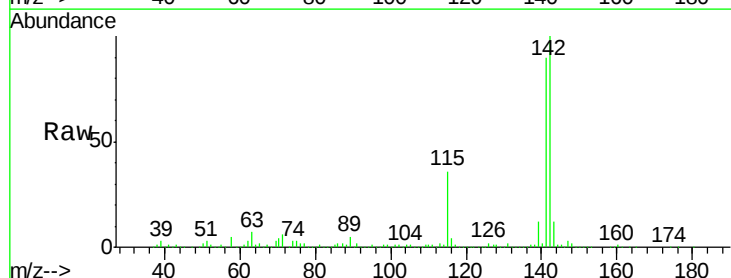
Ion	Ratio	Lower	Upper
82	100		
128	47.1	32.4	48.6
54	46.6	39.2	58.8

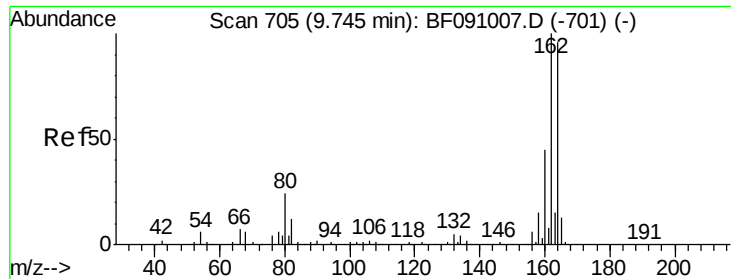


#37
 2-Methylnaphthalene
 Concen: 27.07 ng
 RT: 8.62 min Scan# 607
 Delta R.T. -0.05 min
 Lab File: BF091216.D
 Acq: 17 Nov 2016 17:03

Tgt Ion: 142 Resp: 632320

Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.3	106.9
115	36.3	29.9	44.9

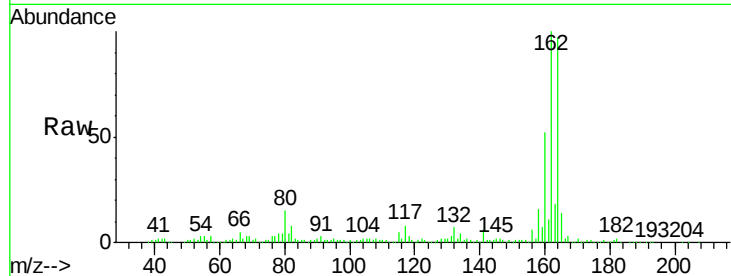




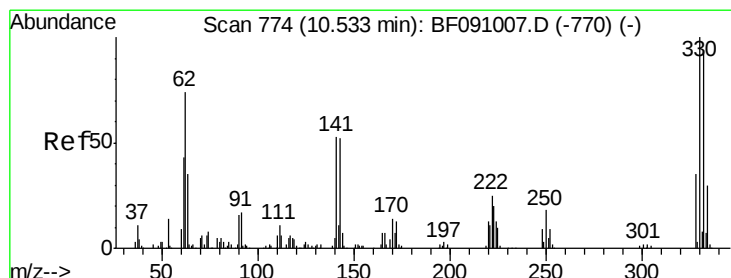
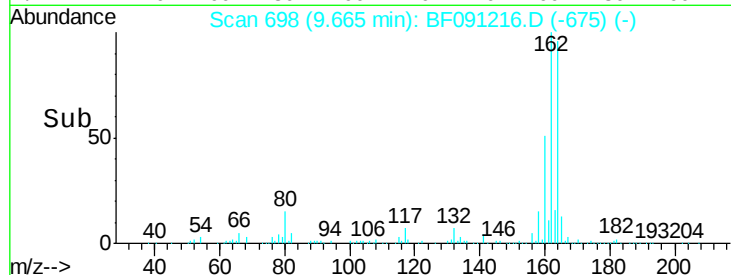
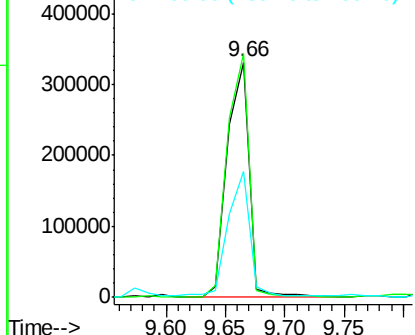
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.66 min Scan# 698
 Delta R.T. -0.03 min
 Lab File: BF091216.D
 Acq: 17 Nov 2016 17:03

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Tot Ion:164 Resp: 421203
 Ion Ratio Lower Upper
 164 100
 162 103.6 83.6 125.4
 160 53.8 37.9 56.9

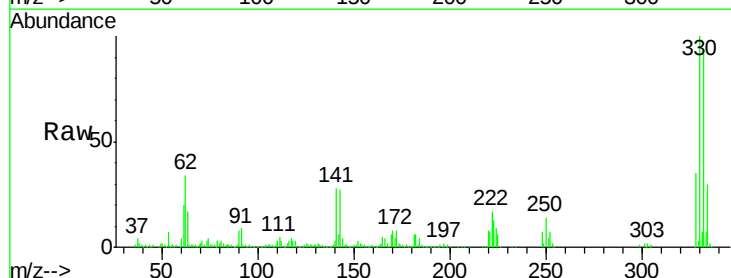


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

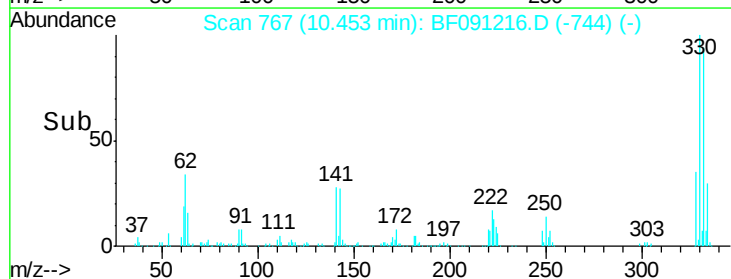
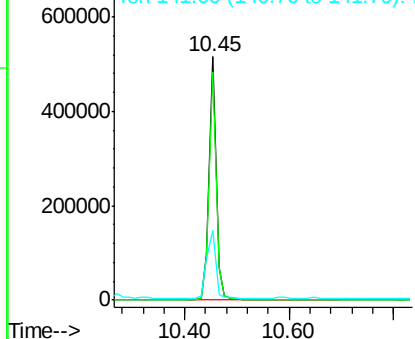


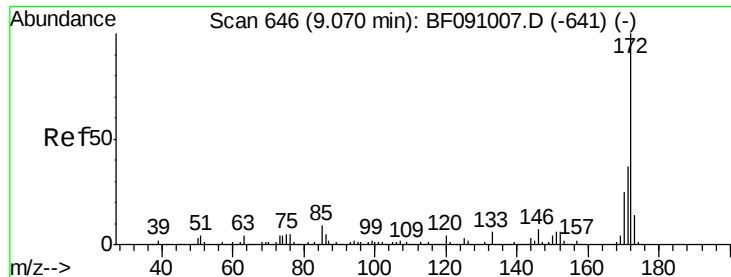
#41
 2,4,6-Tribromophenol
 Concen: 127.97 ng
 RT: 10.45 min Scan# 767
 Delta R.T. -0.03 min
 Lab File: BF091216.D
 Acq: 17 Nov 2016 17:03

Tgt Ion:330 Resp: 487315
 Ion Ratio Lower Upper
 330 100
 332 94.9 75.9 113.9
 141 36.4 36.1 54.1



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

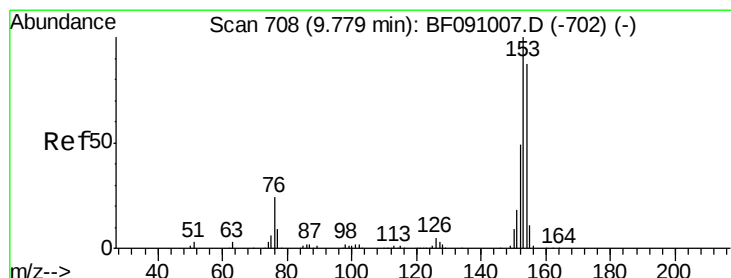
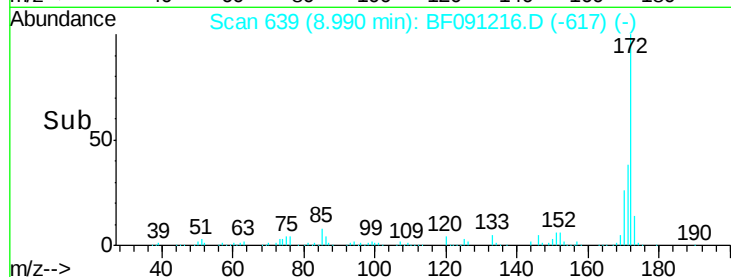
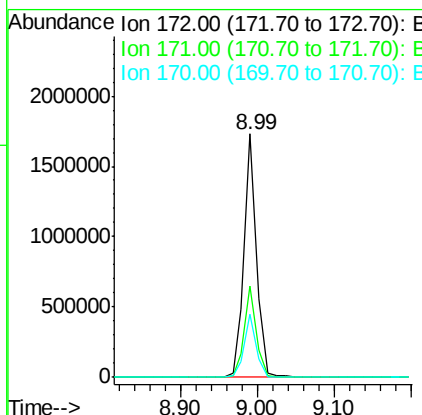
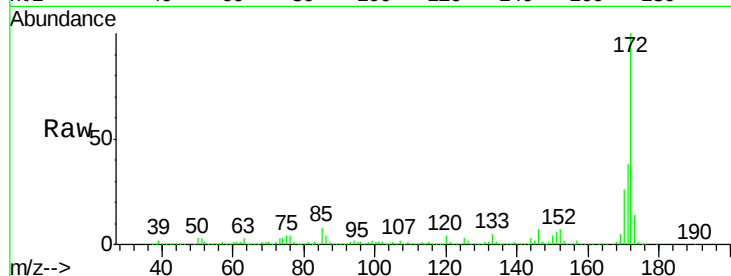




#44
2-Fluorobiphenyl
Concen: 80.76 ng
RT: 8.99 min Scan# 639
Delta R.T. -0.05 min
Lab File: BF091216.D
Acq: 17 Nov 2016 17:03

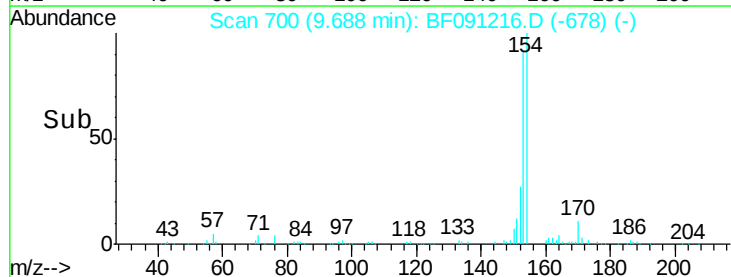
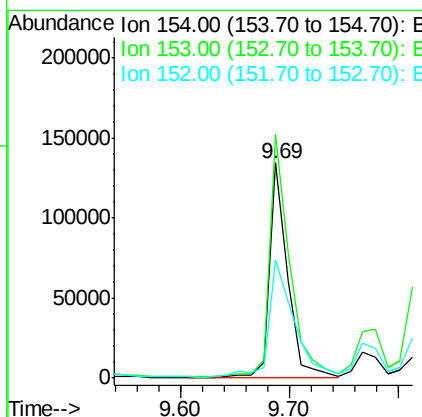
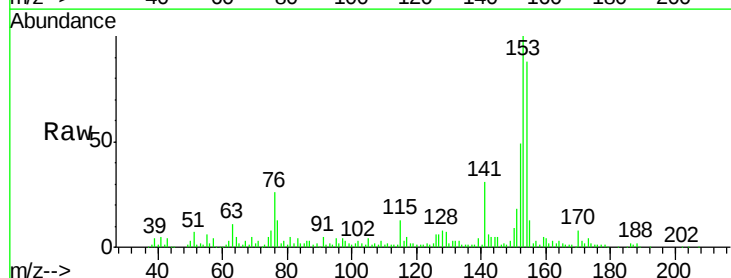
Instrument :
BNA_F
ClientSampled :
MW-1

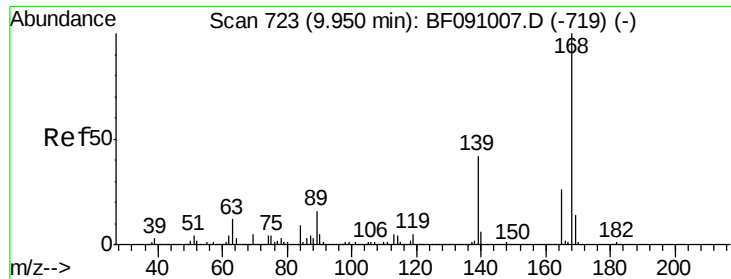
Tot Ion:172 Resp: 1975904
Ion Ratio Lower Upper
172 100
171 37.5 29.8 44.6
170 25.7 20.3 30.5



#51
Acenaphthene
Concen: 6.77 ng
RT: 9.69 min Scan# 700
Delta R.T. -0.05 min
Lab File: BF091216.D
Acq: 17 Nov 2016 17:03

Tgt Ion:154 Resp: 154778
Ion Ratio Lower Upper
154 100
153 113.1 91.6 137.4
152 55.2 44.6 67.0

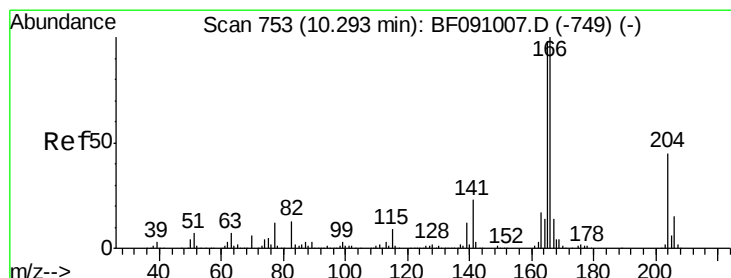
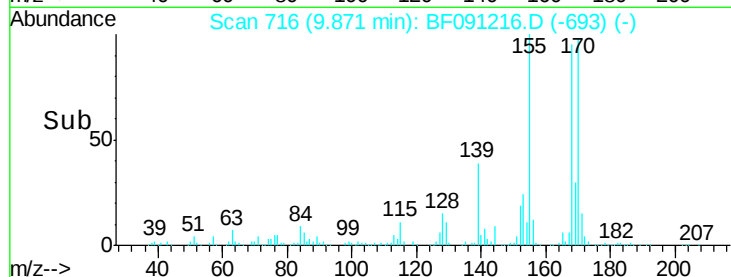
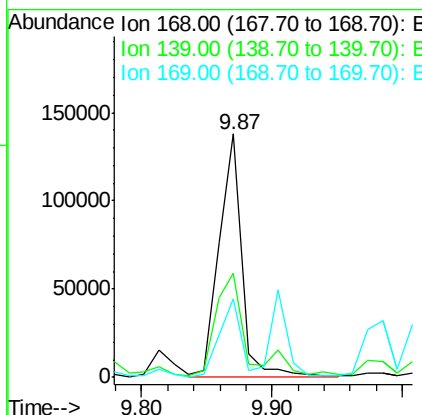
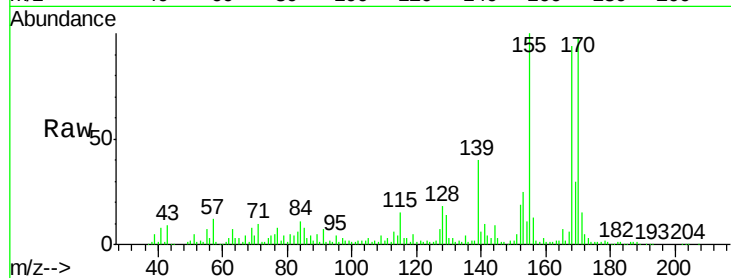




#54
Dibenzofuran
Concen: 5.44 ng
RT: 9.87 min Scan# 716
Delta R.T. -0.03 min
Lab File: BF091216.D
Acq: 17 Nov 2016 17:03

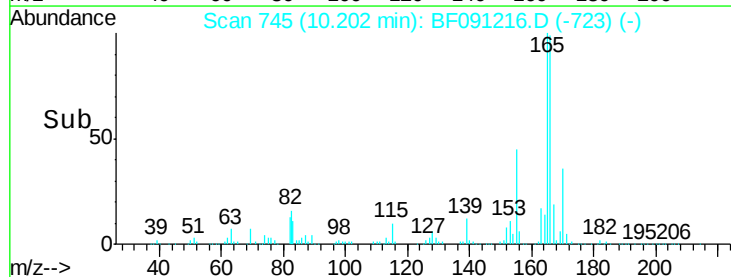
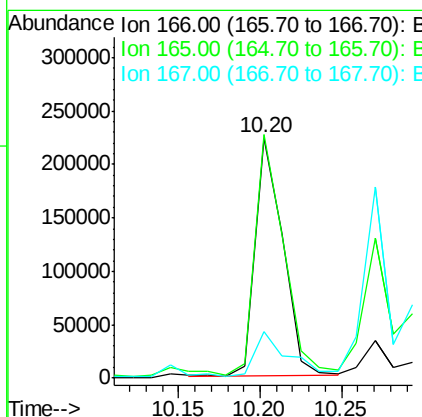
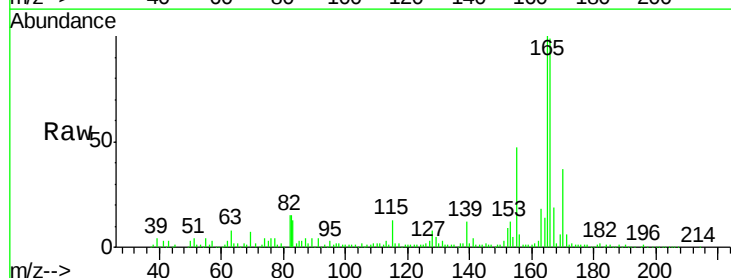
Instrument :
BNA_F
ClientSampleId :
MW-1

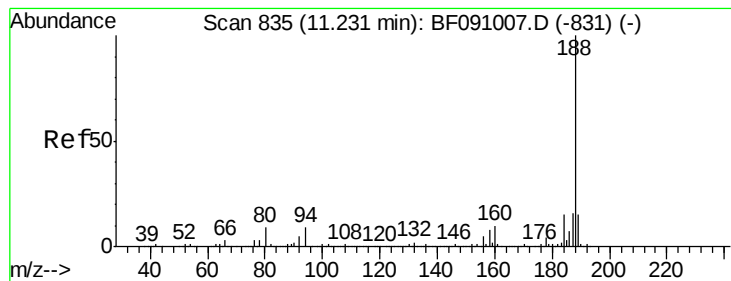
Tot Ion:168 Resp: 167422
Ion Ratio Lower Upper
168 100
139 42.5 34.8 52.2
169 32.1 11.4 17.2#



#57
Fluorene
Concen: 10.48 ng
RT: 10.20 min Scan# 745
Delta R.T. -0.05 min
Lab File: BF091216.D
Acq: 17 Nov 2016 17:03

Tgt Ion:166 Resp: 263501
Ion Ratio Lower Upper
166 100
165 101.3 78.6 118.0
167 19.2 11.1 16.7#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.14 min Scan# 827

Delta R.T. -0.03 min

Lab File: BF091216.D

Acq: 17 Nov 2016 17:03

Instrument :

BNA_F

ClientSampleId :

MW-1

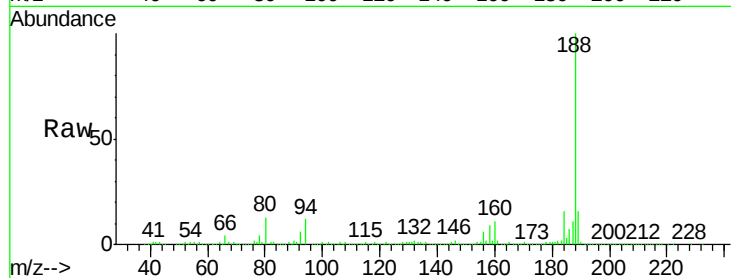
Tot Ion:188 Resp: 676289

Ion Ratio Lower Upper

188 100

94 11.6 7.0 10.4#

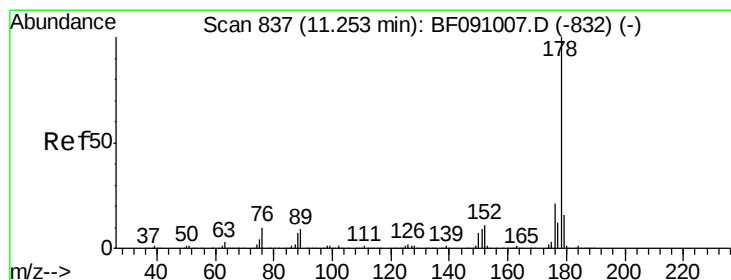
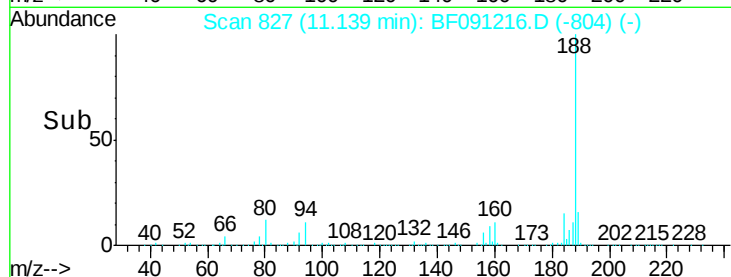
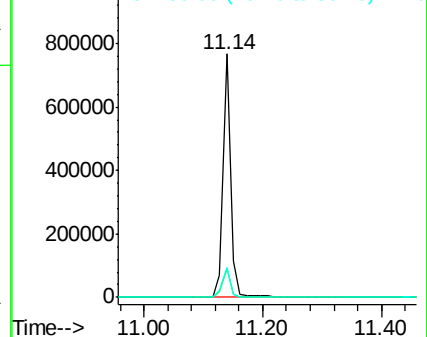
80 12.5 7.5 11.3#



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: 8.55 ng

RT: 11.16 min Scan# 829

Delta R.T. -0.05 min

Lab File: BF091216.D

Acq: 17 Nov 2016 17:03

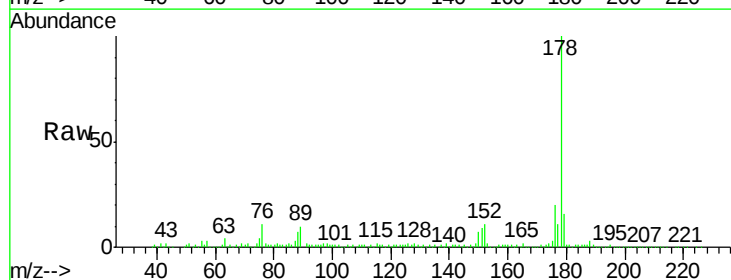
Tgt Ion:178 Resp: 307466

Ion Ratio Lower Upper

178 100

176 20.0 16.6 25.0

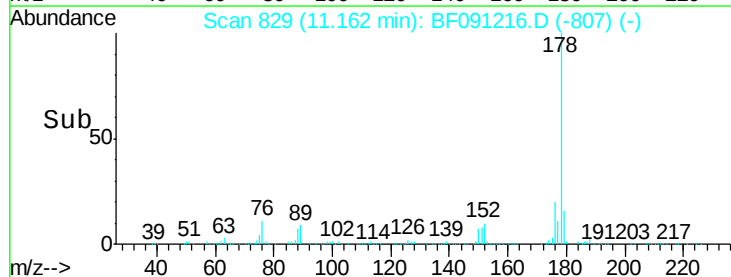
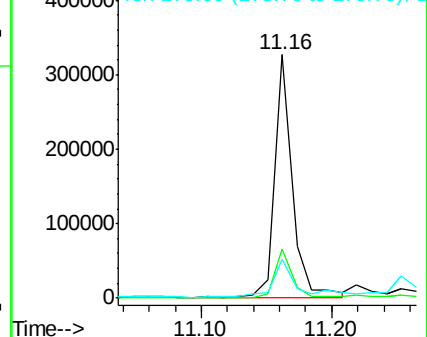
179 16.1 12.9 19.3

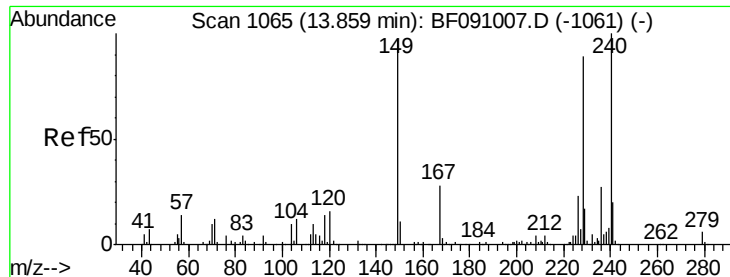


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 13.77 min Scan# 1057

Delta R.T. -0.05 min

Lab File: BF091216.D

Acq: 17 Nov 2016 17:03

Instrument :

BNA_F

ClientSampleId :

MW-1

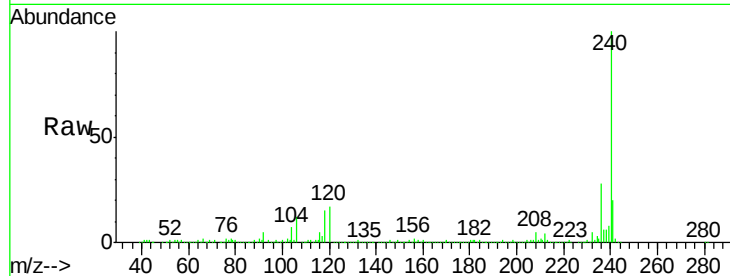
Tot Ion:240 Resp: 475141

Ion Ratio Lower Upper

240 100

120 17.3 12.9 19.3

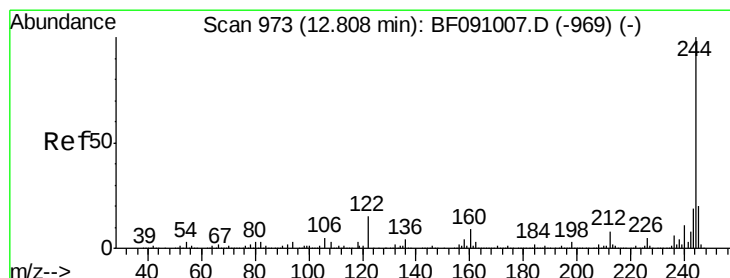
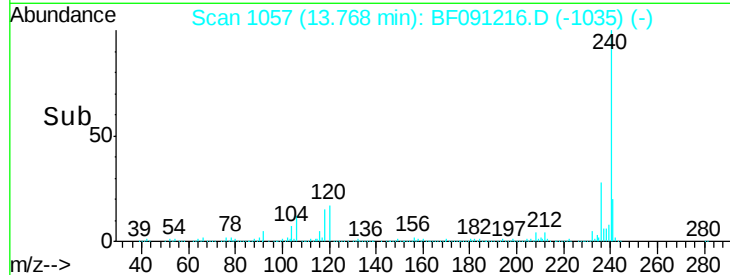
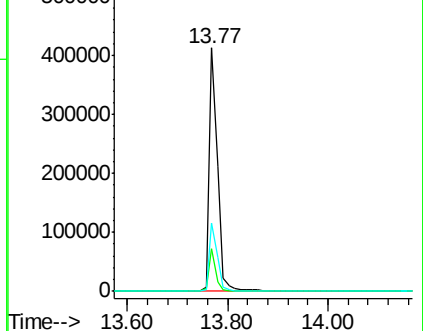
236 28.3 21.9 32.9



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



#78

Terphenyl-d14

Concen: 95.05 ng

RT: 12.73 min Scan# 966

Delta R.T. -0.03 min

Lab File: BF091216.D

Acq: 17 Nov 2016 17:03

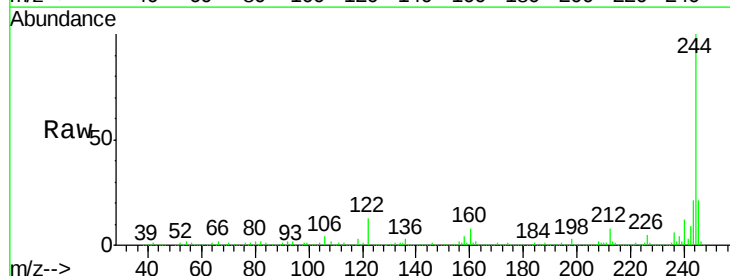
Tgt Ion:244 Resp: 1809776

Ion Ratio Lower Upper

244 100

212 7.9 6.4 9.6

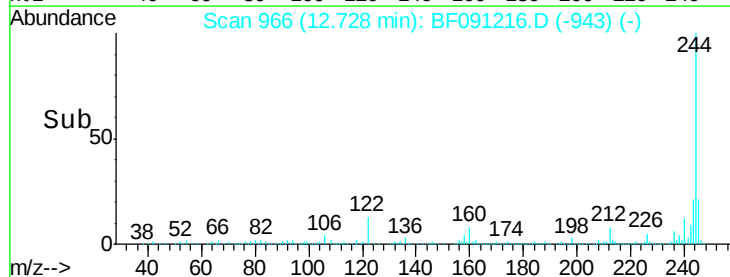
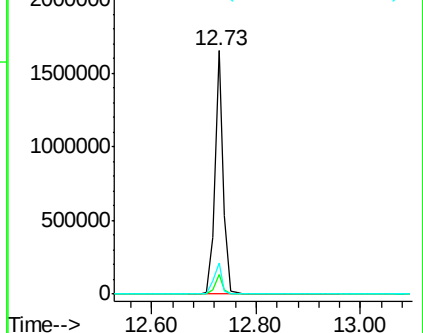
122 12.6 12.3 18.5

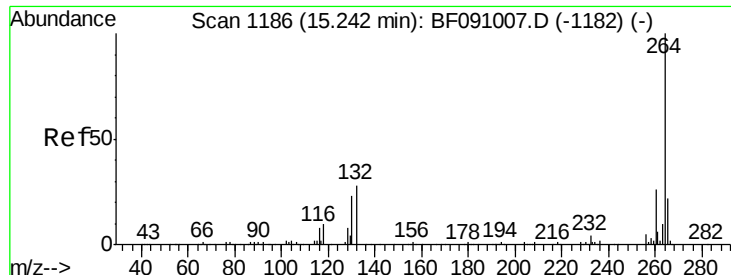


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

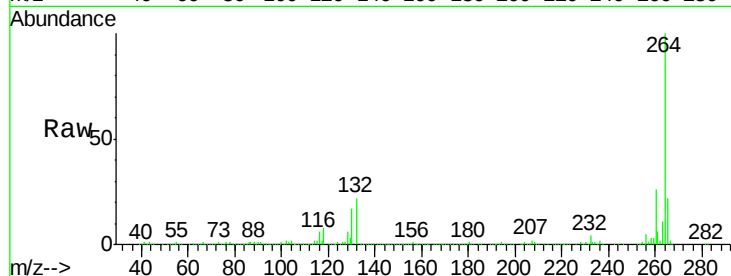




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.14 min Scan# 1177
 Delta R.T. -0.05 min
 Lab File: BF091216.D
 Acq: 17 Nov 2016 17:03

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.6	30.8
265	21.8	17.8	26.8



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

