

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060615\
 Data File : BF079779.D
 Acq On : 6 Jun 2015 20:07
 Operator : TP/IZ
 Sample : G2511-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-6

Quant Time: Jun 08 18:35:24 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 08 15:29:07 2015
 Response via : Initial Calibration

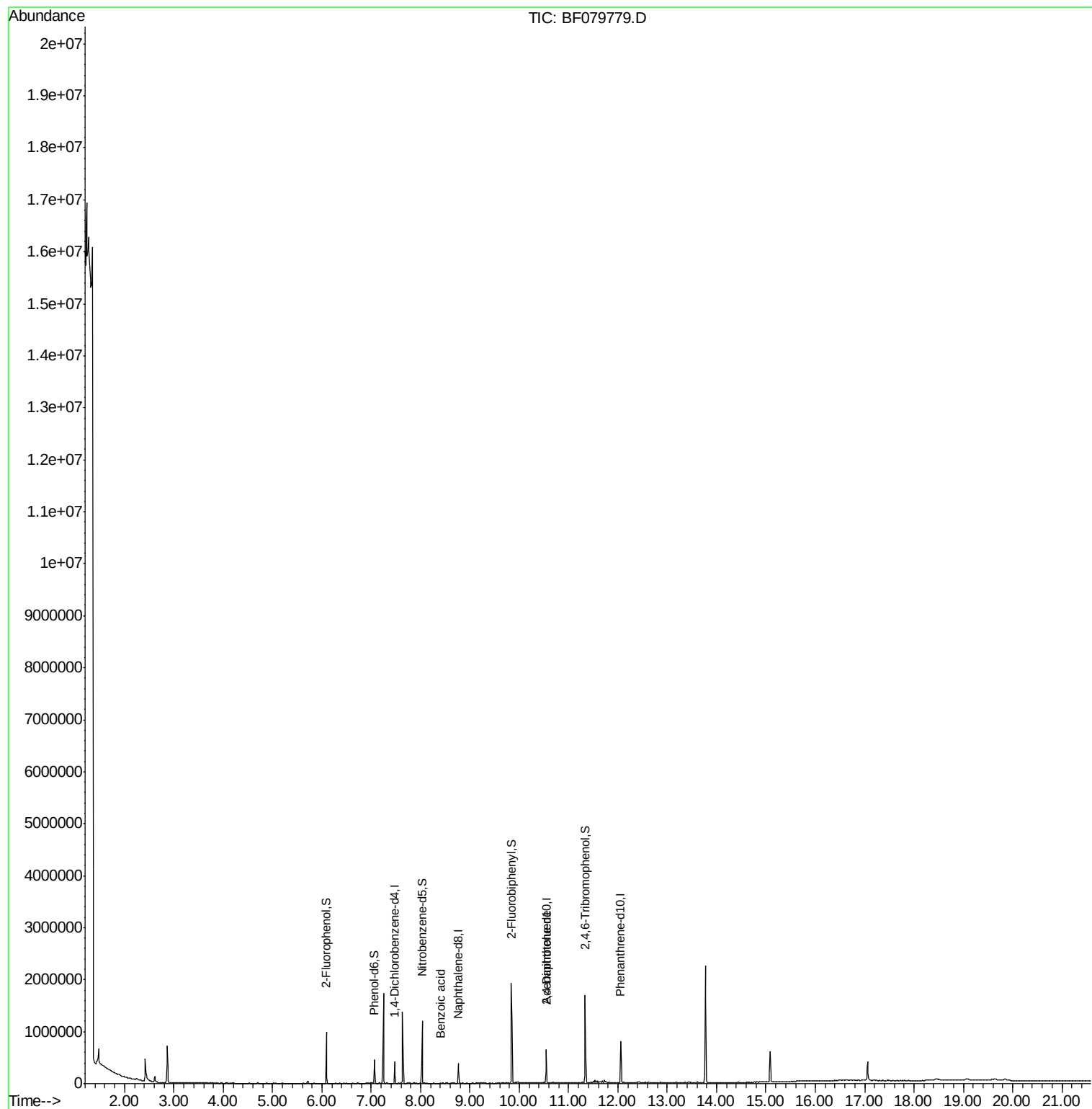
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	66235	20.00	ng	-0.02
21) Naphthalene-d8	8.76	136	215944	20.00	ng	-0.02
38) Acenaphthene-d10	10.55	164	130887	20.00	ng	-0.01
63) Phenanthrene-d10	12.06	188	292270	20.00	ng	-0.01
75) Chrysene-d12	0.00	240	0	0.00	ng	-14.94
86) Perylene-d12	0.00	264	0	0.00	ng	-16.82
System Monitoring Compounds						
5) 2-Fluorophenol	6.09	112	233166	59.00	ng	-0.01
7) Phenol-d6	7.06	99	187277	36.69	ng	-0.02
23) Nitrobenzene-d5	8.03	82	362804	103.15	ng	-0.01
41) 2,4,6-Tribromophenol	11.34	330	191994	153.37	ng	-0.02
44) 2-Fluorobiphenyl	9.84	172	757428	78.40	ng	-0.02
78) Terphenyl-d14	13.77	244	972295	0.00	ng	0.06
Target Compounds						
32) Benzoic acid	8.41	122	503	4.37	ng	# 81
56) 2,4-Dinitrotoluene	10.55	165	12219	8.92	ng	# 35

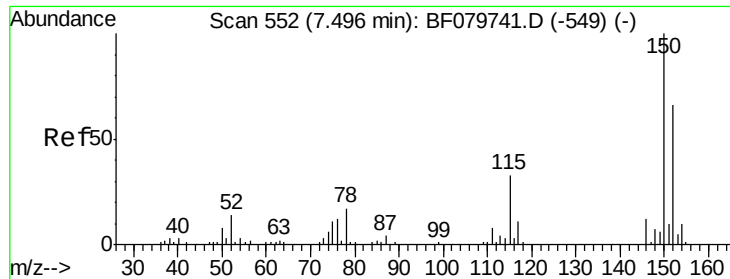
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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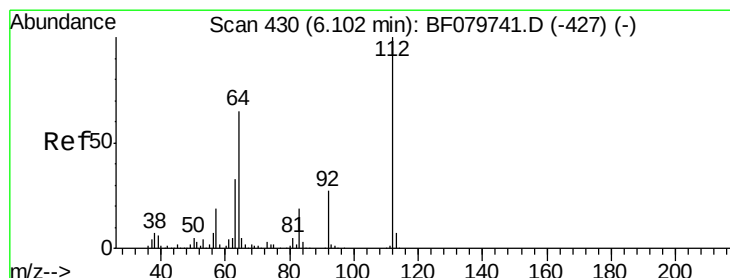
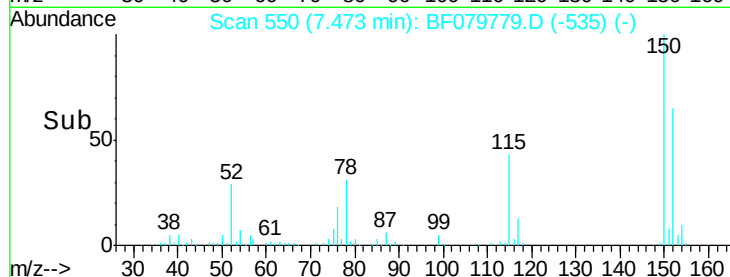
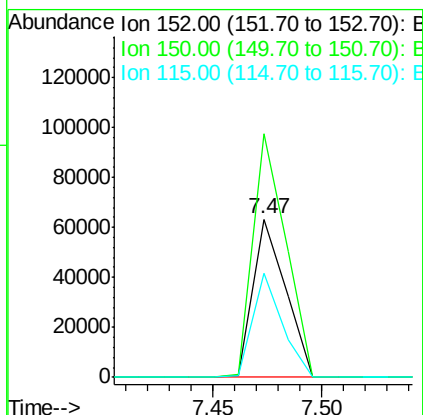
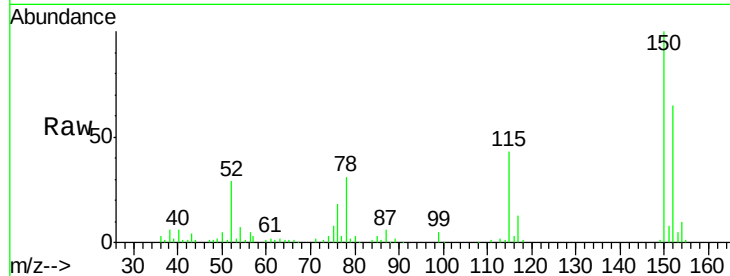


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.47 min Scan# 550
Delta R.T. -0.02 min
Lab File: BF079779.D
Acq: 6 Jun 2015 20:07

Instrument :
BNA_F
ClientSampleId :
MW-6

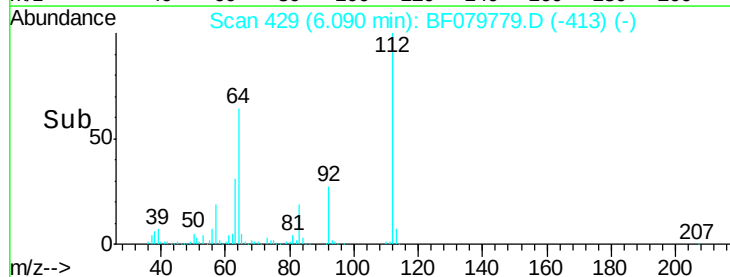
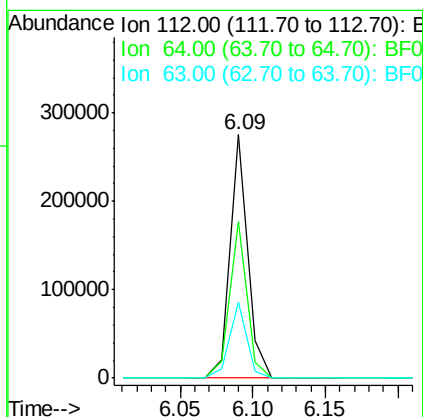
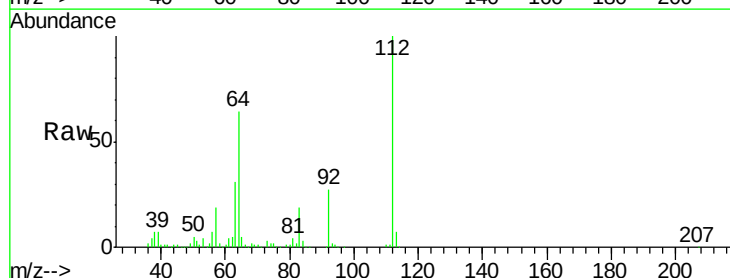
Tgt Ion:152 Resp: 66235
Ion Ratio Lower Upper
152 100
150 153.9 128.1 192.1
115 65.9 49.7 74.5

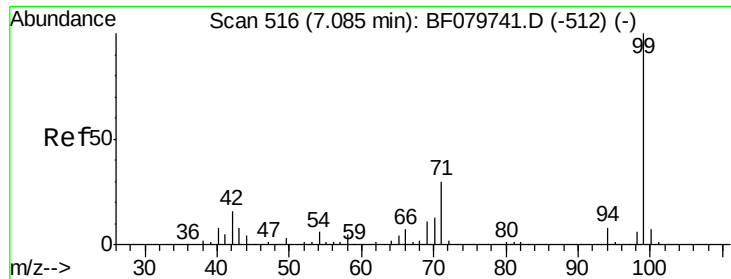


#5

2-Fluorophenol
Concen: 59.00 ng
RT: 6.09 min Scan# 429
Delta R.T. -0.01 min
Lab File: BF079779.D
Acq: 6 Jun 2015 20:07

Tgt Ion:112 Resp: 233166
Ion Ratio Lower Upper
112 100
64 64.3 49.6 74.4
63 31.2 24.9 37.3





#7

Phenol-d6

Concen: 36.69 ng

RT: 7.06 min Scan# 514

Delta R.T. -0.02 min

Lab File: BF079779.D

Acq: 6 Jun 2015 20:07

Instrument :

BNA_F

ClientSampleId :

MW-6

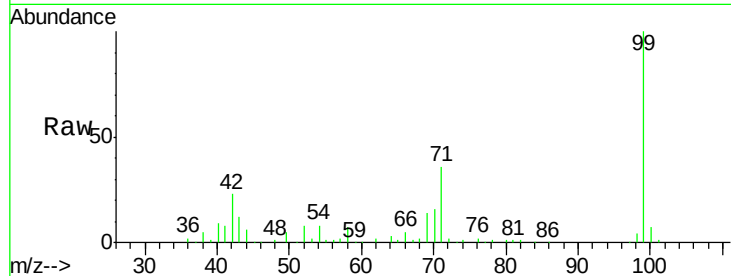
Tgt Ion: 99 Resp: 187277

Ion Ratio Lower Upper

99 100

42 22.6 18.0 27.0

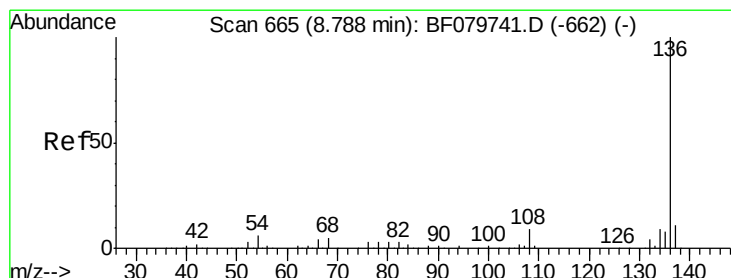
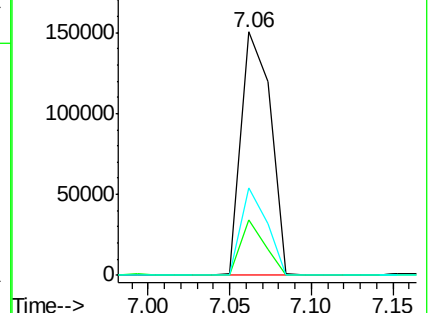
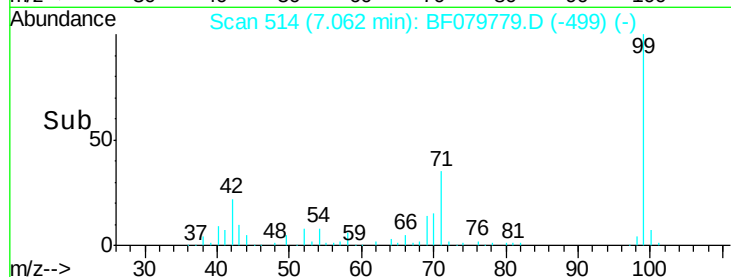
71 35.8 28.4 42.6



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: 8.76 min Scan# 663

Delta R.T. -0.02 min

Lab File: BF079779.D

Acq: 6 Jun 2015 20:07

Tgt Ion: 136 Resp: 215944

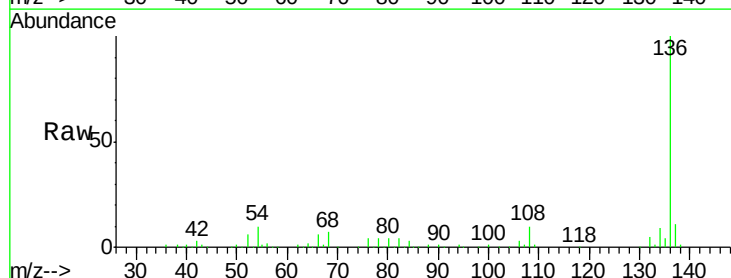
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 10.5 8.7 13.1

68 7.5 5.8 8.8

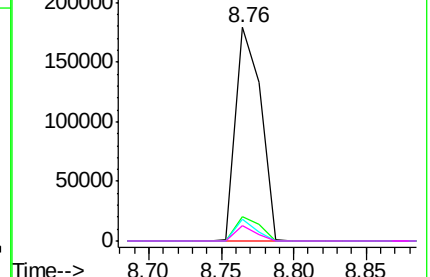
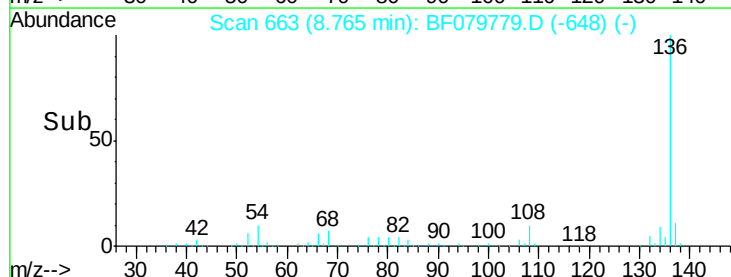


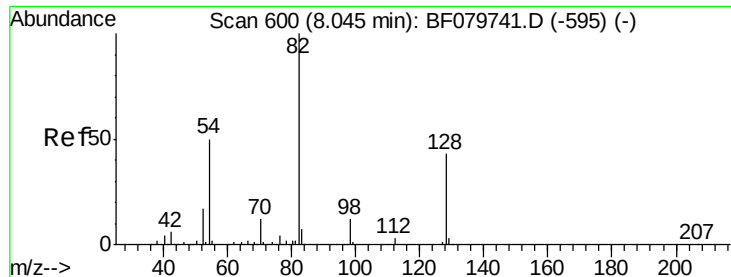
Abundance Ion 136.00 (135.70 to 136.70): E

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

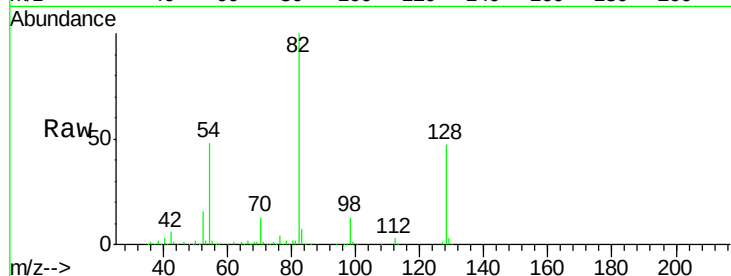




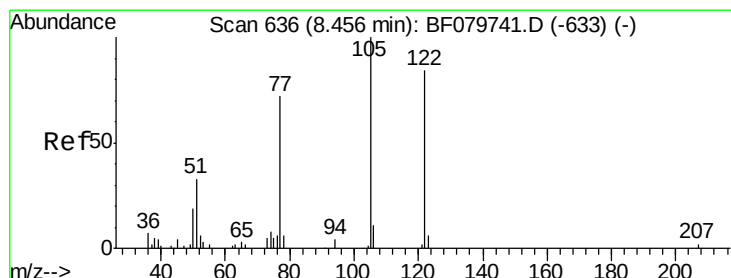
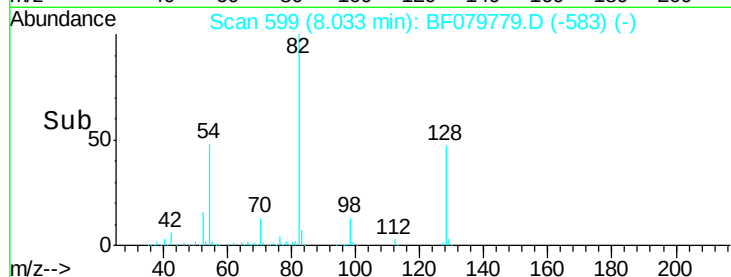
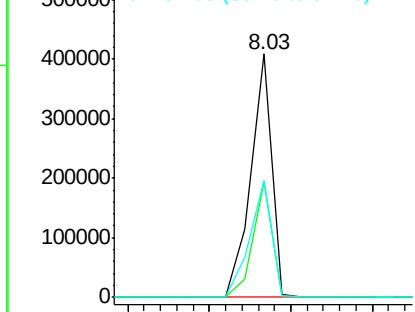
#23
Nitrobenzene-d5
Concen: 103.15 ng
RT: 8.03 min Scan# 599
Delta R.T. -0.01 min
Lab File: BF079779.D
Acq: 6 Jun 2015 20:07

Instrument :
BNA_F
ClientSampleId :
MW-6

Tgt Ion: 82 Resp: 362804
Ion Ratio Lower Upper
82 100
128 47.4 37.6 56.4
54 48.1 39.4 59.2

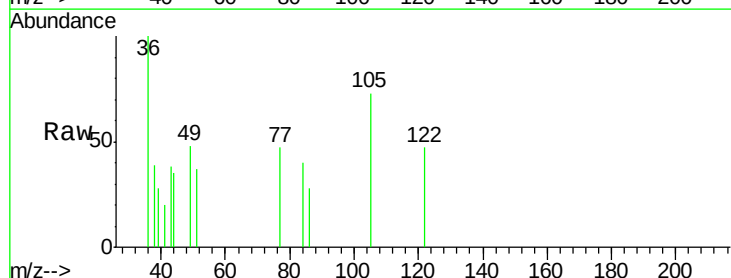


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

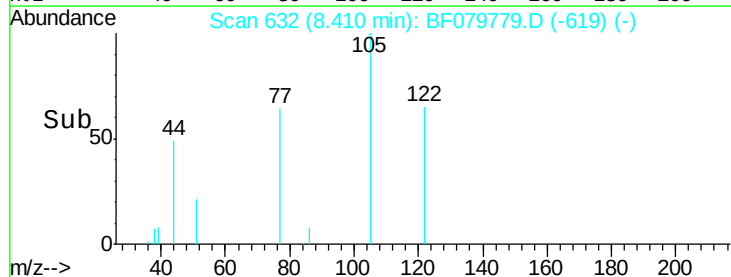
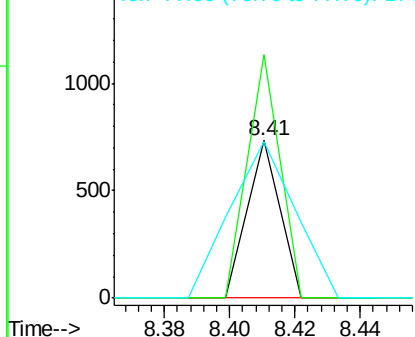


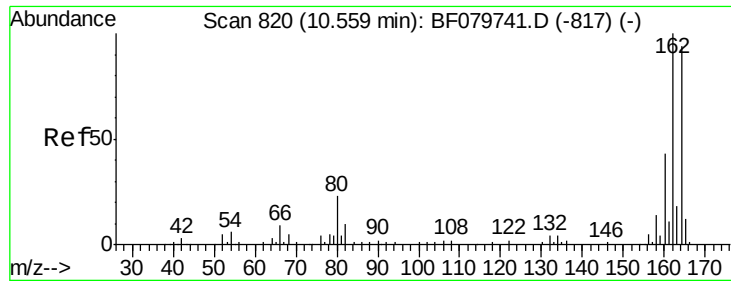
#32
Benzoic acid
Concen: 4.37 ng
RT: 8.41 min Scan# 632
Delta R.T. -0.05 min
Lab File: BF079779.D
Acq: 6 Jun 2015 20:07

Tgt Ion: 122 Resp: 503
Ion Ratio Lower Upper
122 100
105 154.7 106.7 146.7#
77 99.7 68.9 108.9



Abundance Ion 122.00 (121.70 to 122.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

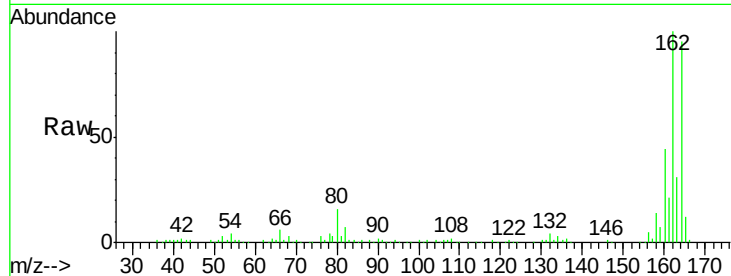




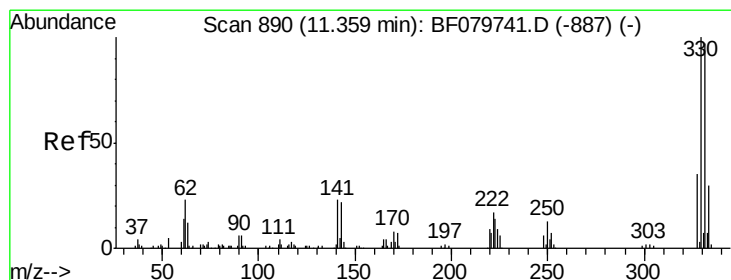
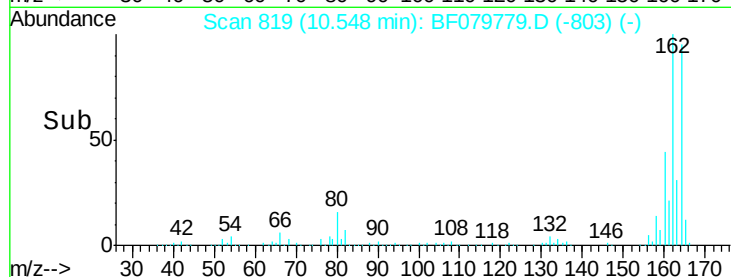
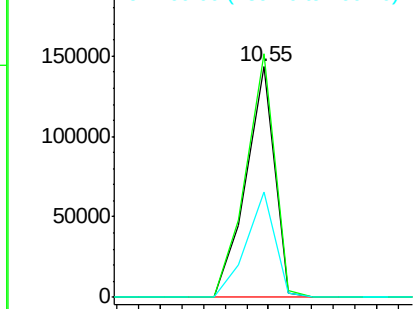
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.55 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF079779.D
 Acq: 6 Jun 2015 20:07

Instrument :
 BNA_F
 ClientSampleId :
 MW-6

Tgt Ion:164 Resp: 130887
 Ion Ratio Lower Upper
 164 100
 162 105.8 82.6 123.8
 160 46.0 36.8 55.2

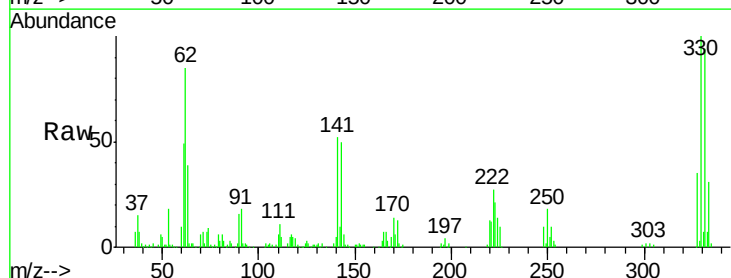


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

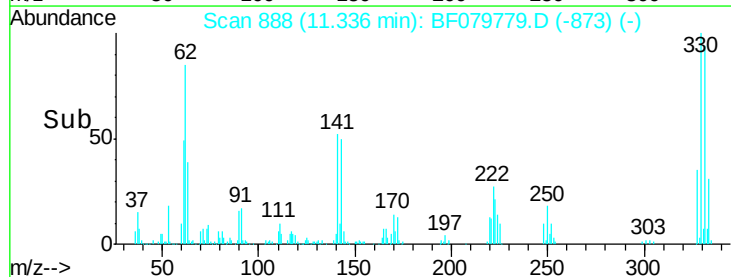
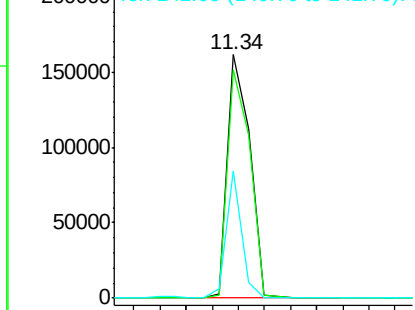


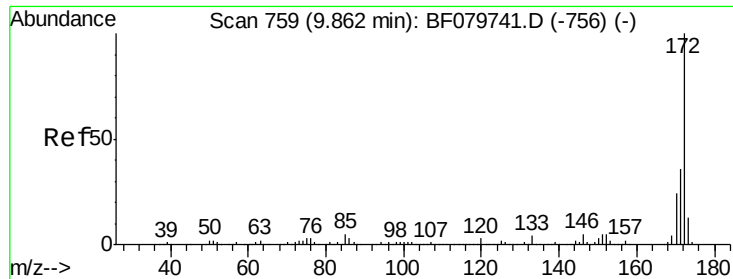
#41
 2,4,6-Tribromophenol
 Concen: 153.37 ng
 RT: 11.34 min Scan# 888
 Delta R.T. -0.02 min
 Lab File: BF079779.D
 Acq: 6 Jun 2015 20:07

Tgt Ion:330 Resp: 191994
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.4 116.0
 141 37.0 30.2 45.2



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

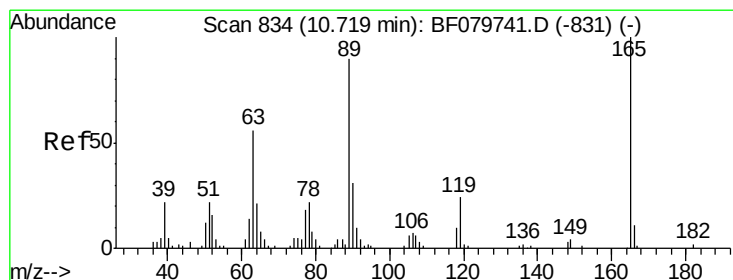
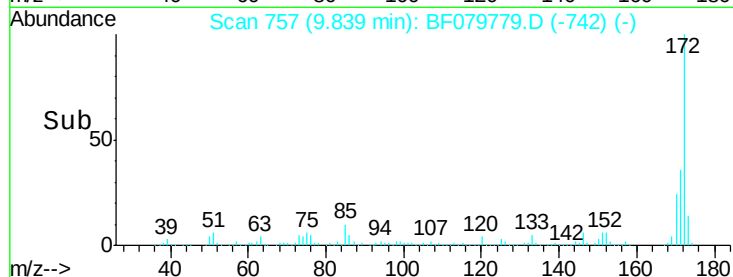
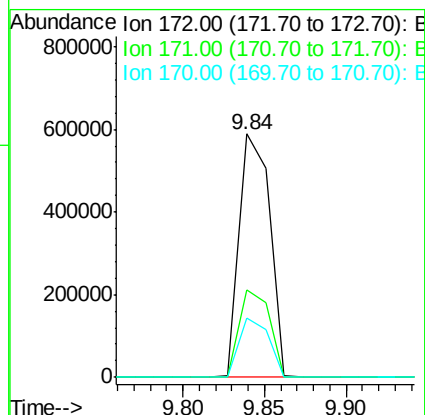
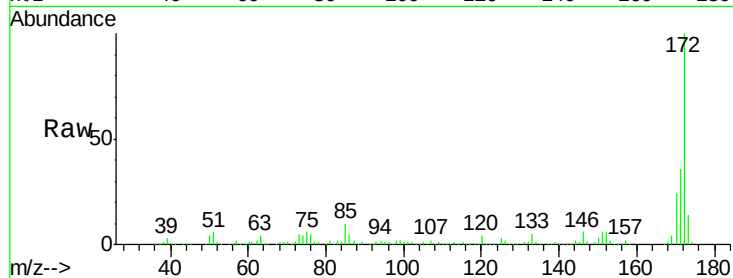




#44
2-Fluorobiphenyl
Concen: 78.40 ng
RT: 9.84 min Scan# 757
Delta R.T. -0.02 min
Lab File: BF079779.D
Acq: 6 Jun 2015 20:07

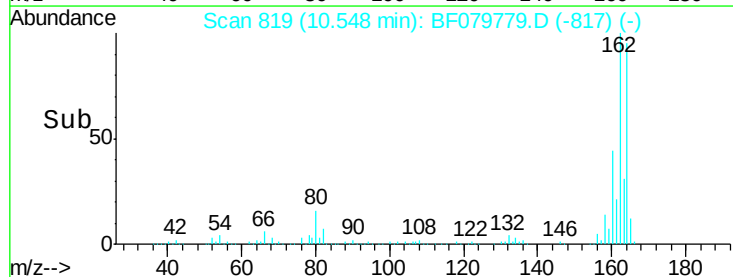
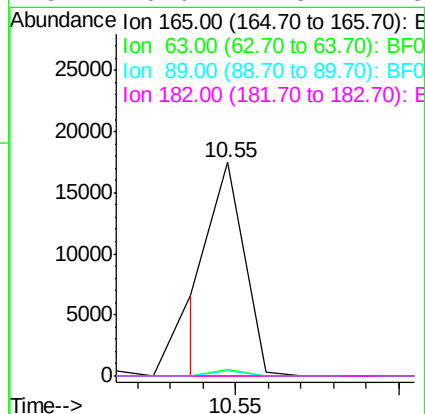
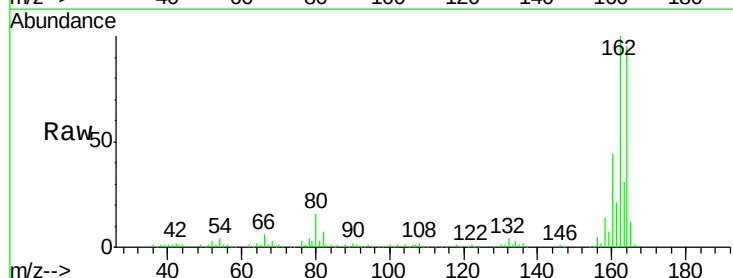
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BNA_F
ClientSampleId :
MW-6

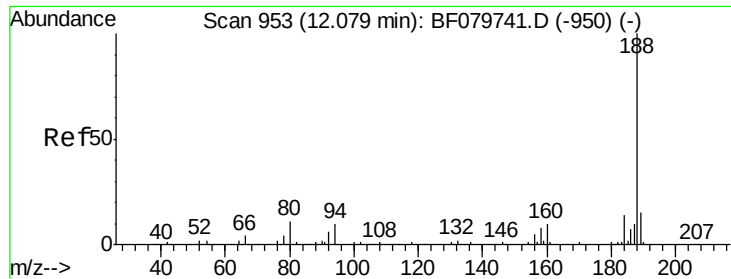
Tgt Ion:172 Resp: 757428
Ion Ratio Lower Upper
172 100
171 36.1 29.4 44.0
170 24.1 19.7 29.5



#56
2,4-Dinitrotoluene
Concen: 8.92 ng
RT: 10.55 min Scan# 819
Delta R.T. -0.17 min
Lab File: BF079779.D
Acq: 6 Jun 2015 20:07

Tgt Ion:165 Resp: 12219
Ion Ratio Lower Upper
165 100
63 2.7 24.7 37.1#
89 2.2 45.7 68.5#
182 0.0 1.8 2.8#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.06 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF079779.D

Acq: 6 Jun 2015 20:07

Instrument :

BNA_F

ClientSampleId :

MW-6

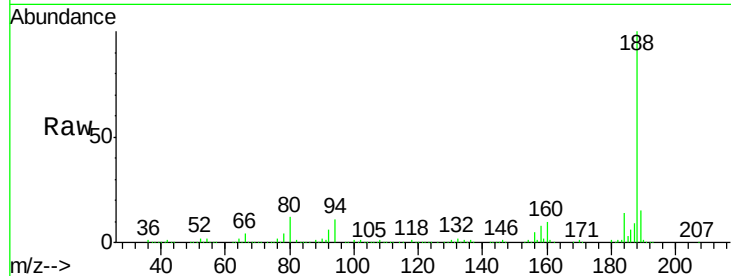
Tgt Ion:188 Resp: 292270

Ion Ratio Lower Upper

188 100

94 10.7 5.0 7.4#

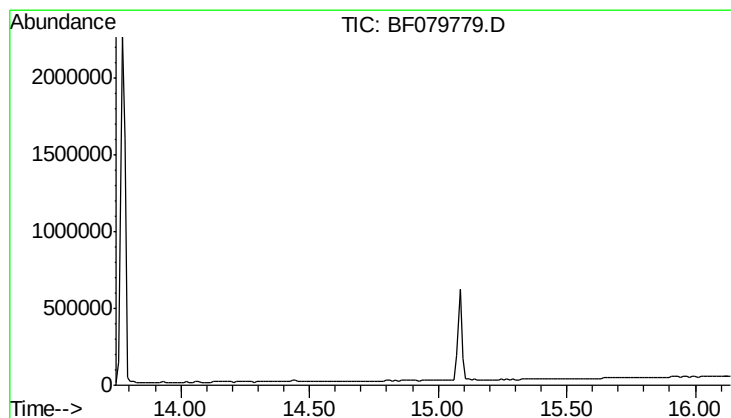
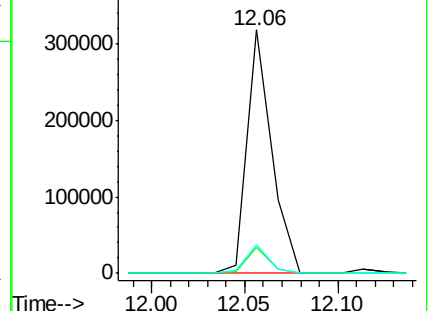
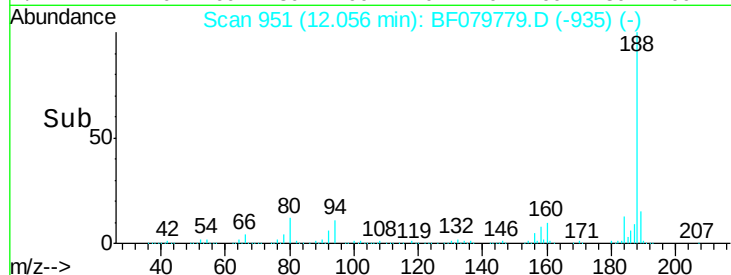
80 11.8 5.3 7.9#



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



#75

Chrysene-d12

Concen: 0.00 ng

Expected RT: 14.94 min

Lab File: BF079779.D

Acq: 6 Jun 2015 20:07

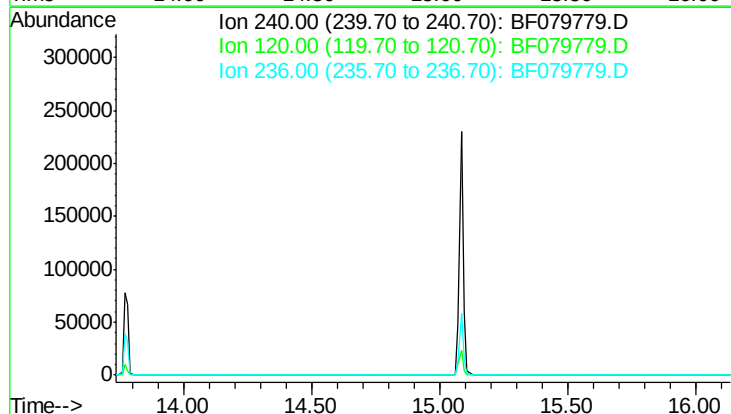
Tgt Ion: 240

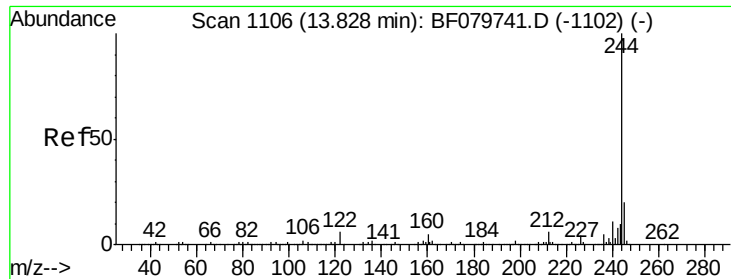
Sig Exp Ratio

240 100

120 7.7

236 26.2





#78

Terphenyl-d14

Concen: 0.00 ng

RT: 13.77 min Scan# 1101

Delta R.T. 0.06 min

Lab File: BF079779.D

Acq: 6 Jun 2015 20:07

Instrument :

BNA_F

ClientSampleId :

MW-6

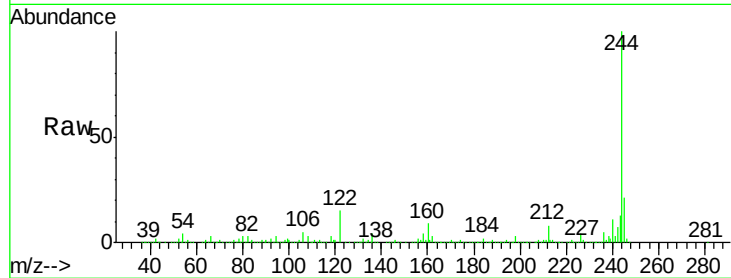
Tgt Ion: 244 Resp: 972295

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

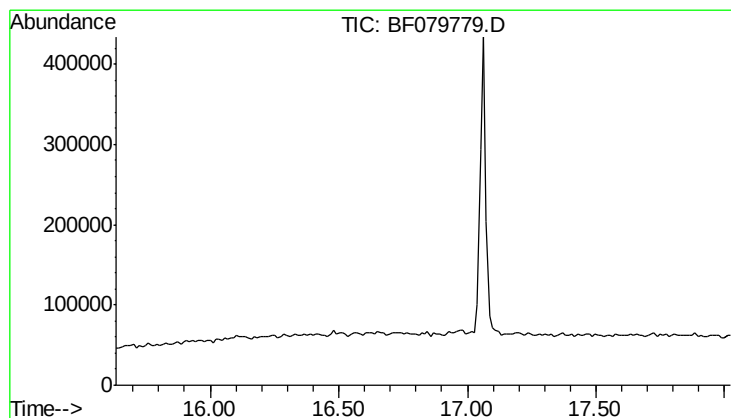
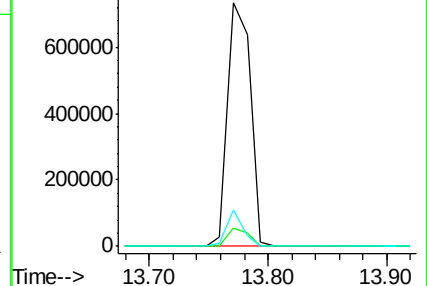
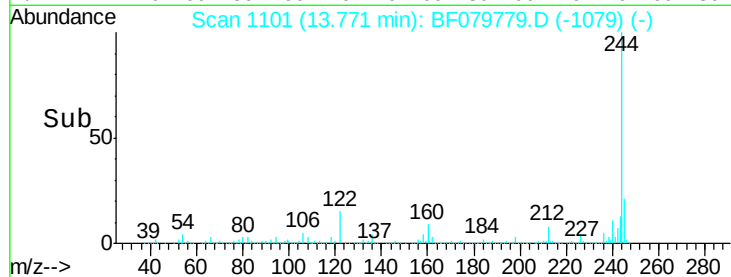
122 14.8 9.3 13.9#



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

Perylene-d12

Concen: 0.00 ng

Expected RT: 16.82 min

Lab File: BF079779.D

Acq: 6 Jun 2015 20:07

Tgt Ion: 264

Sig Exp Ratio

264 100

260 23.2

265 22.8

