

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060915\
 Data File : BF079839.D
 Acq On : 9 Jun 2015 18:44
 Operator : TP/IZ
 Sample : G2533-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-25

Quant Time: Jun 10 01:35:11 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 09 15:11:40 2015
 Response via : Initial Calibration

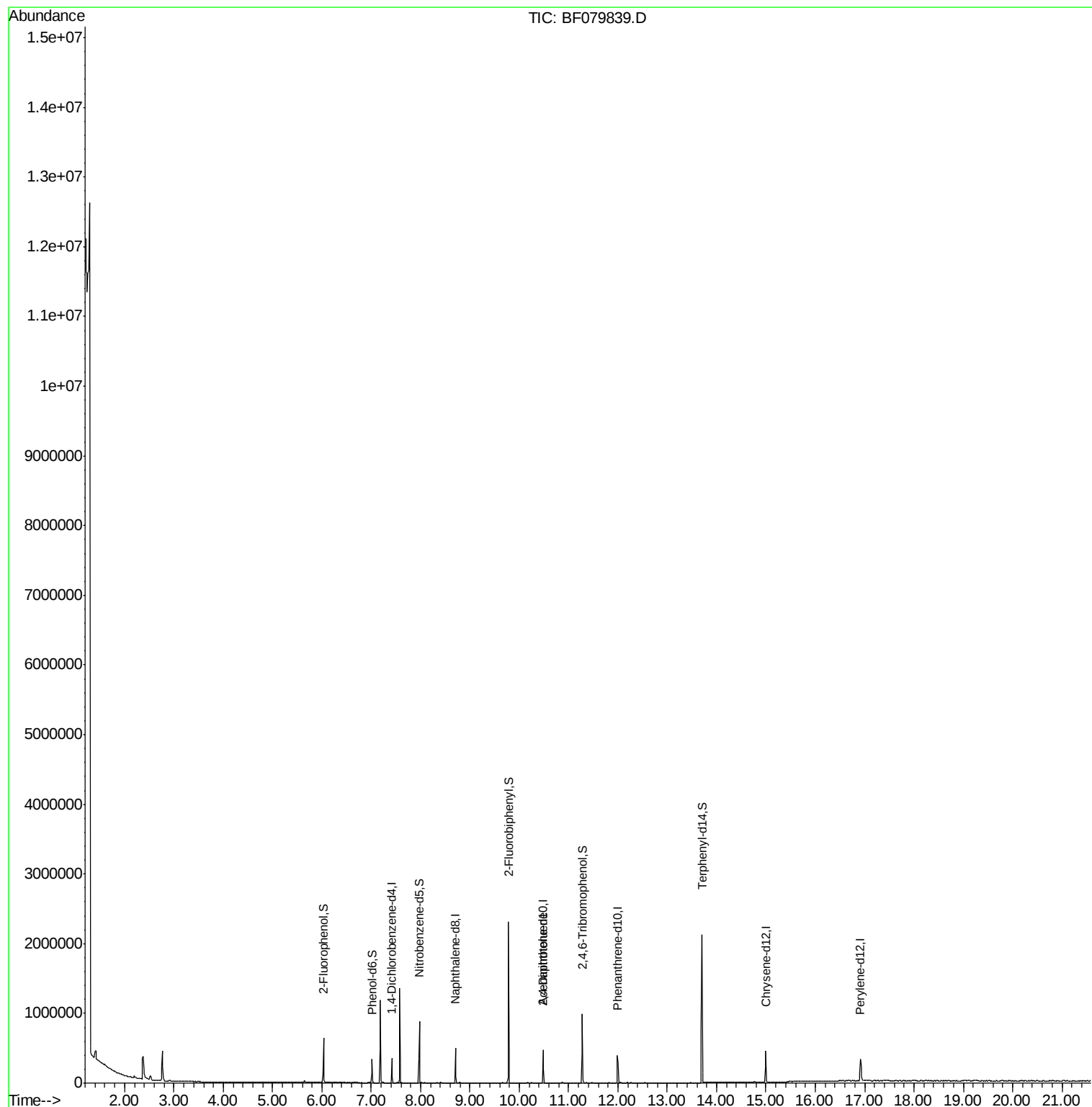
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	50178	20.00	ng	0.00
21) Naphthalene-d8	8.71	136	201445	20.00	ng	0.00
38) Acenaphthene-d10	10.48	164	99844	20.00	ng	0.00
63) Phenanthrene-d10	11.99	188	197556	20.00	ng	-0.01
75) Chrysene-d12	14.99	240	212390	20.00	ng	-0.07
86) Perylene-d12	16.91	264	197260	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	6.03	112	155087	50.94	ng	0.00
7) Phenol-d6	7.02	99	120313	30.54	ng	0.00
23) Nitrobenzene-d5	7.98	82	286696	82.22	ng	0.00
41) 2,4,6-Tribromophenol	11.28	330	121961	141.15	ng	0.00
44) 2-Fluorobiphenyl	9.78	172	662292	93.29	ng	0.00
78) Terphenyl-d14	13.70	244	739097	78.45	ng	-0.03
Target Compounds						
56) 2,4-Dinitrotoluene	10.48	165	12361	12.21	ng	Qvalue # 32

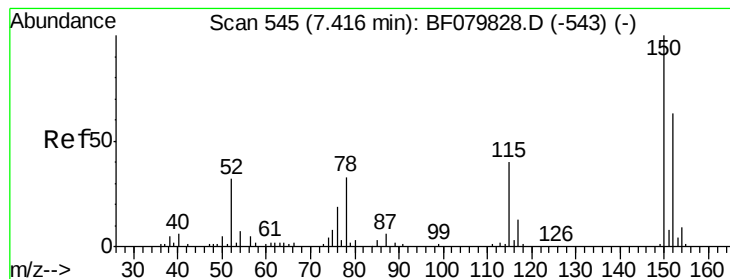
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.42 min Scan# 545

Delta R.T. 0.00 min

Lab File: BF079839.D

Acq: 9 Jun 2015 18:44

Instrument :

BNA_F

ClientSampleId :

MW-25

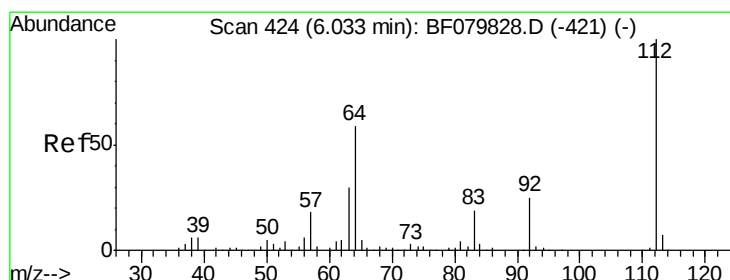
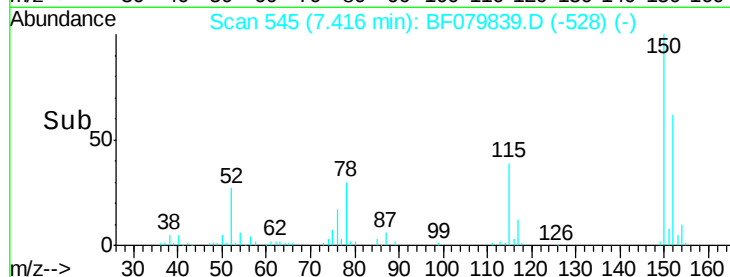
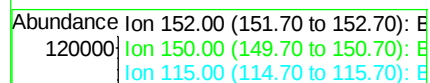
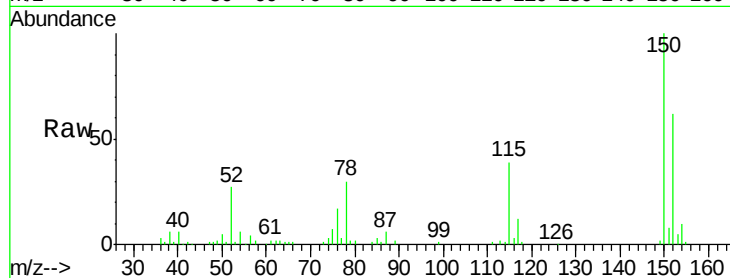
Tgt Ion:152 Resp: 50178

Ion Ratio Lower Upper

152 100

150 161.0 131.4 197.2

115 62.3 56.5 84.7



#5

2-Fluorophenol

Concen: 50.94 ng

RT: 6.03 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF079839.D

Acq: 9 Jun 2015 18:44

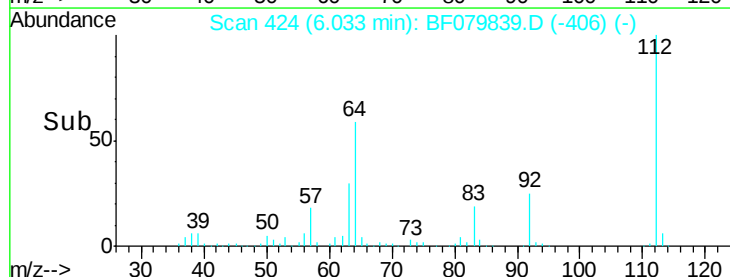
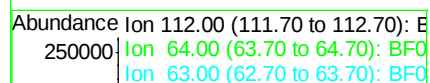
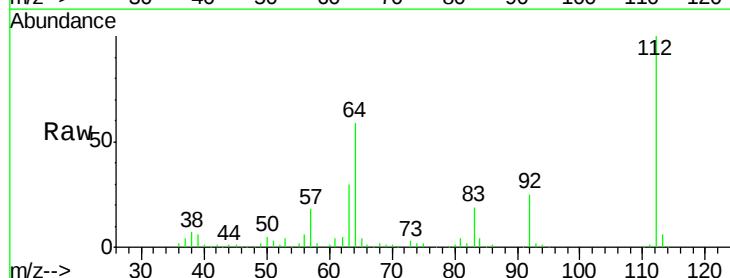
Tgt Ion:112 Resp: 155087

Ion Ratio Lower Upper

112 100

64 58.5 44.2 66.4

63 30.2 22.8 34.2





#7

Phenol-d6

Concen: 30.54 ng

RT: 7.02 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF079839.D

Acq: 9 Jun 2015 18:44

Instrument :

BNA_F

ClientSampleId :

MW-25

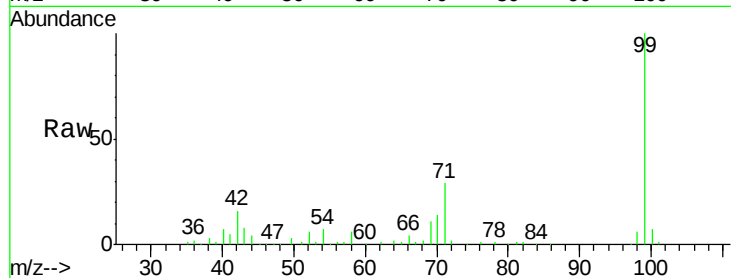
Tgt Ion: 99 Resp: 120313

Ion Ratio Lower Upper

99 100

42 15.8 13.7 20.5

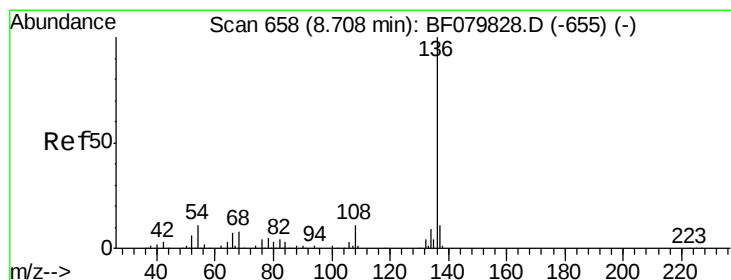
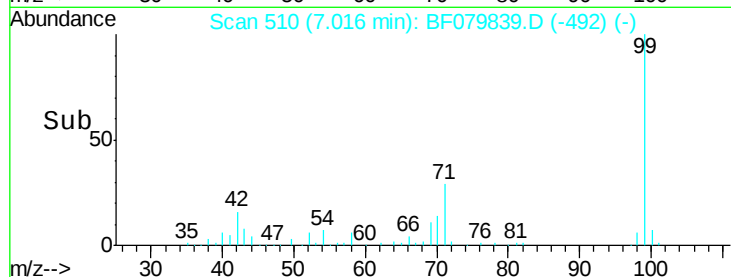
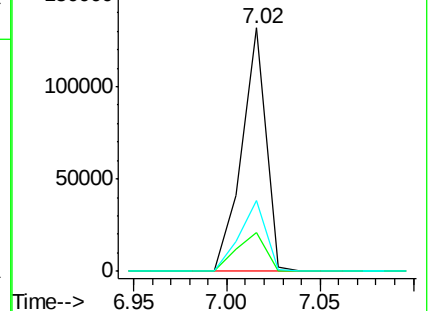
71 28.9 25.1 37.7



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: 8.71 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF079839.D

Acq: 9 Jun 2015 18:44

Tgt Ion: 136 Resp: 201445

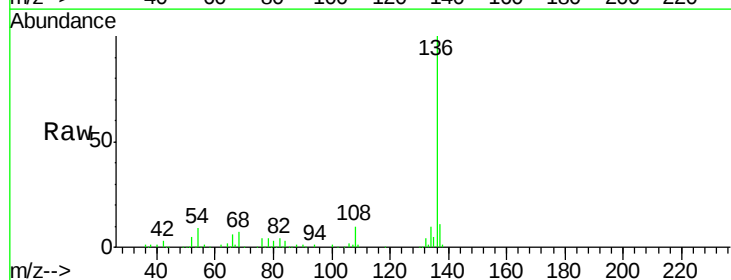
Ion Ratio Lower Upper

136 100

137 11.2 9.3 13.9

54 9.3 8.1 12.1

68 6.7 4.8 7.2

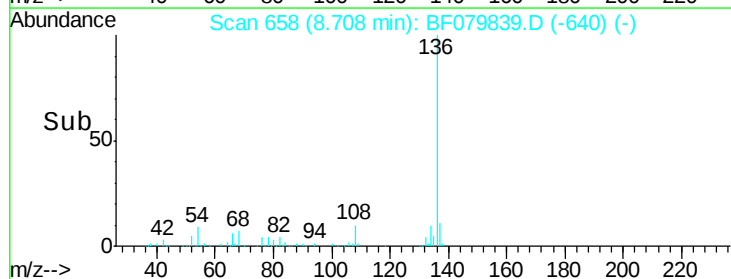
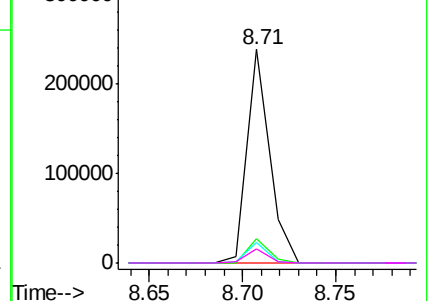


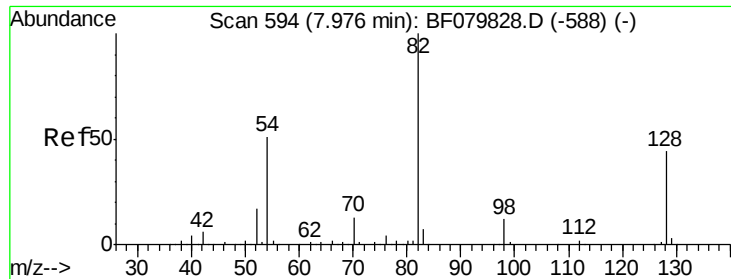
Abundance Ion 136.00 (135.70 to 136.70): E

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

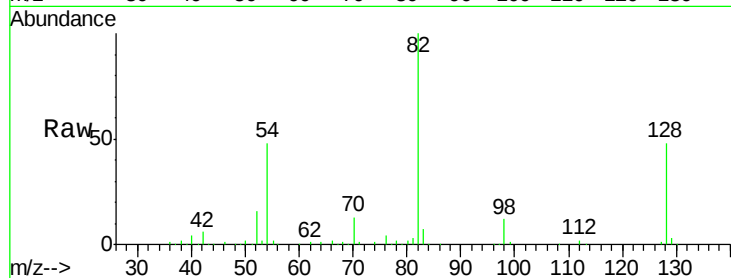




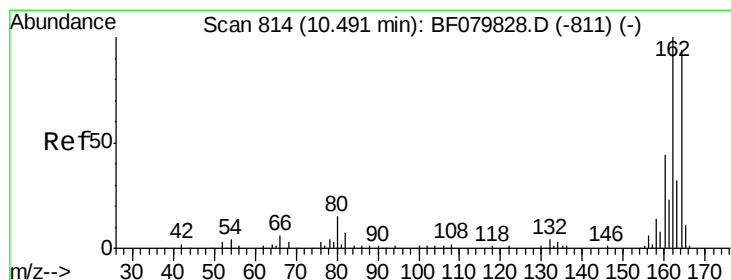
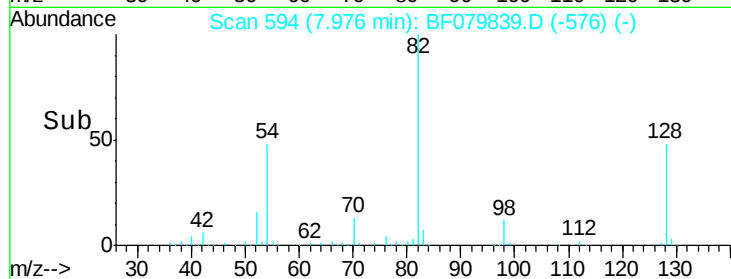
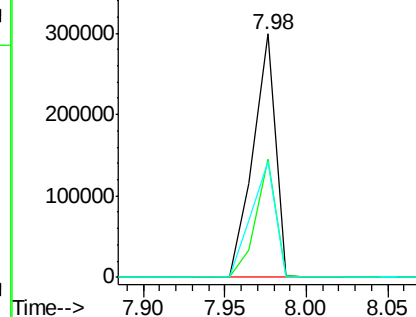
#23
 Nitrobenzene-d5
 Concen: 82.22 ng
 RT: 7.98 min Scan# 594
 Delta R.T. 0.00 min
 Lab File: BF079839.D
 Acq: 9 Jun 2015 18:44

Instrument :
 BNA_F
 ClientSampleId :
 MW-25

Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.3	35.2	52.8
54	47.7	39.2	58.8

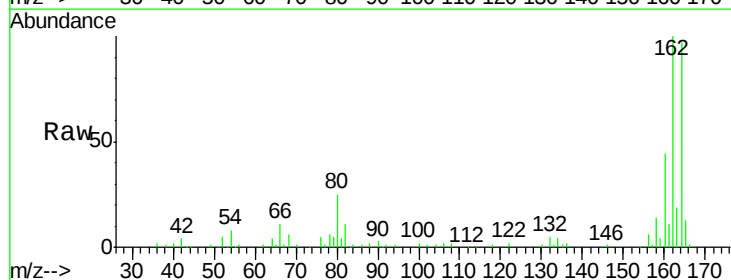


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

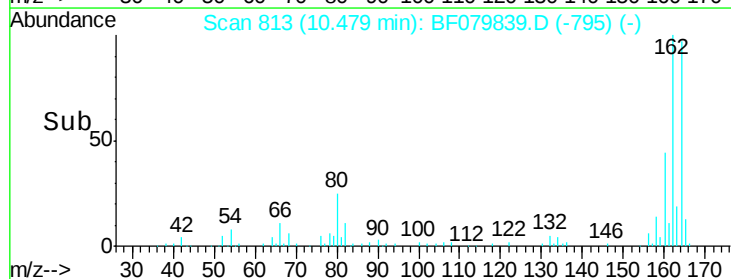
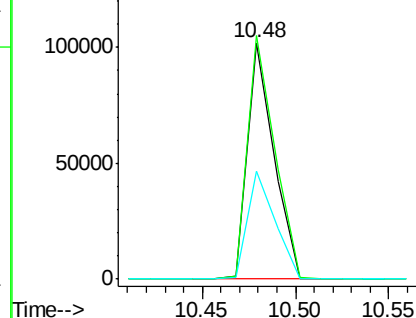


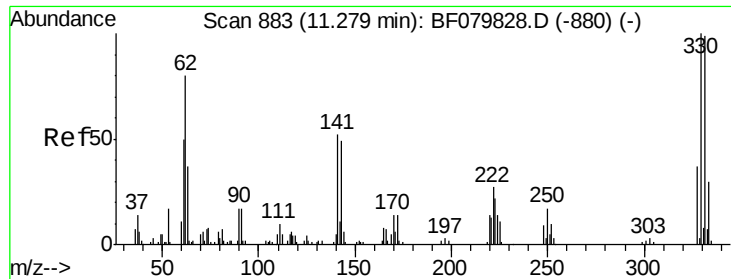
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.48 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF079839.D
 Acq: 9 Jun 2015 18:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	89.8	134.8
160	45.5	39.6	59.4



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

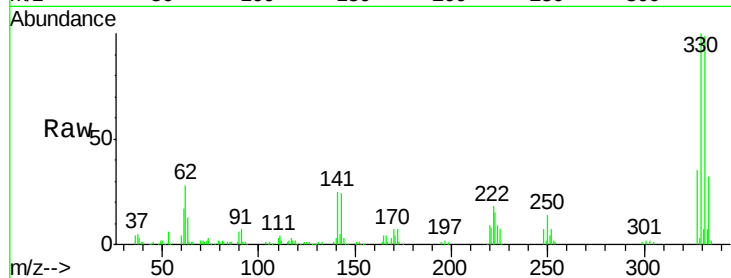




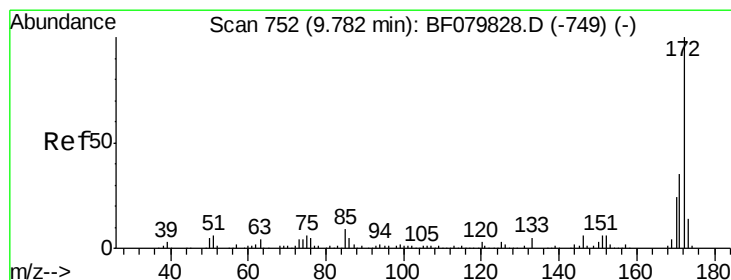
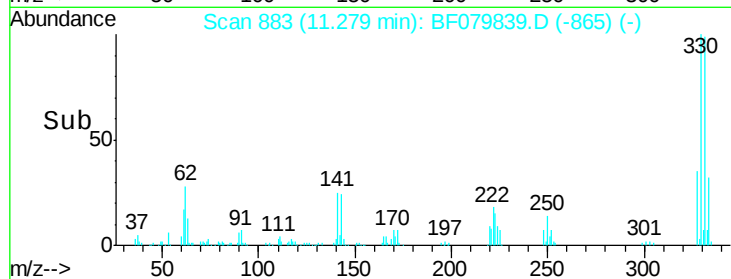
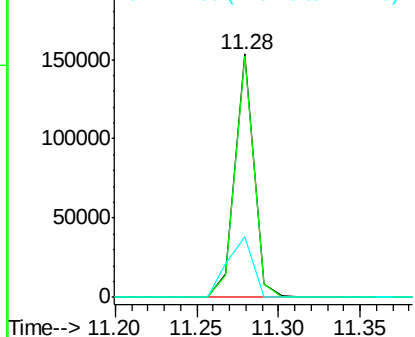
#41
 2,4,6-Tribromophenol
 Concen: 141.15 ng
 RT: 11.28 min Scan# 883
 Delta R.T. 0.00 min
 Lab File: BF079839.D
 Acq: 9 Jun 2015 18:44

Instrument :
 BNA_F
 ClientSampleId :
 MW-25

Tgt Ion:330 Resp: 121961
 Ion Ratio Lower Upper
 330 100
 332 98.6 76.8 115.2
 141 34.1 29.1 43.7

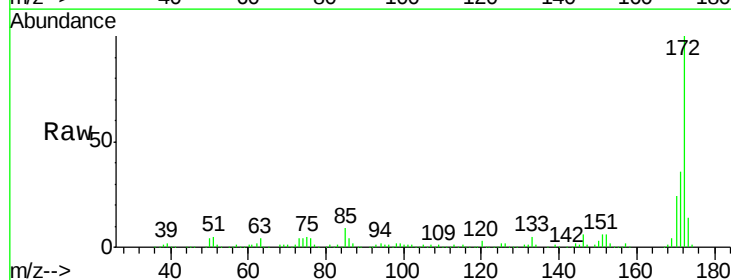


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

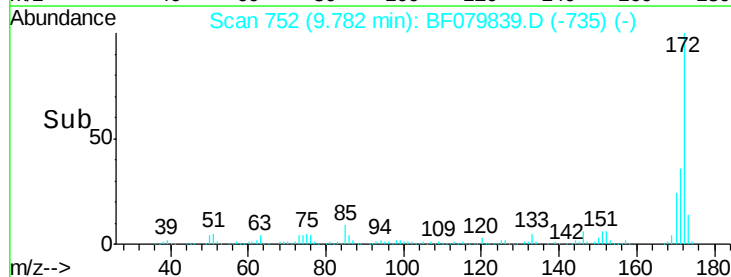
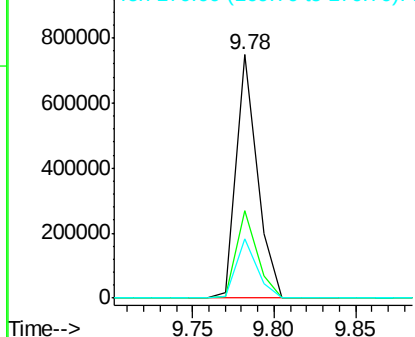


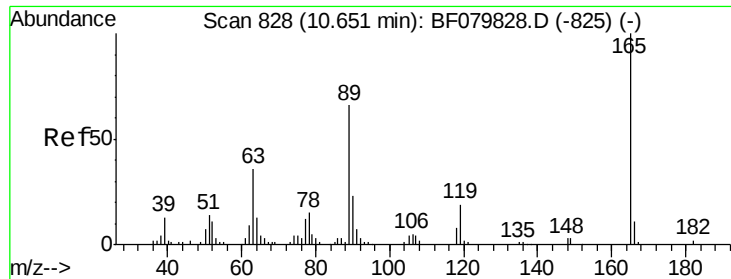
#44
 2-Fluorobiphenyl
 Concen: 93.29 ng
 RT: 9.78 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF079839.D
 Acq: 9 Jun 2015 18:44

Tgt Ion:172 Resp: 662292
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.5 42.7
 170 24.2 18.8 28.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

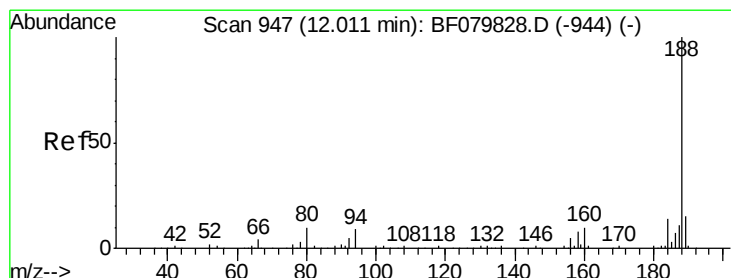
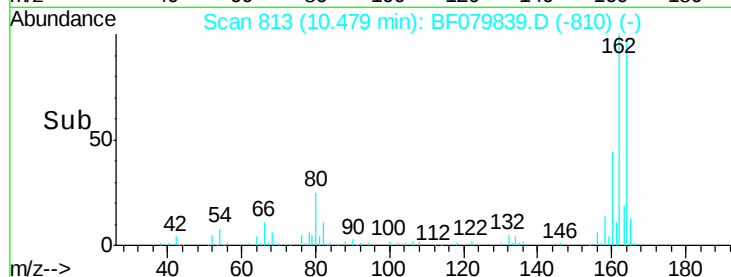
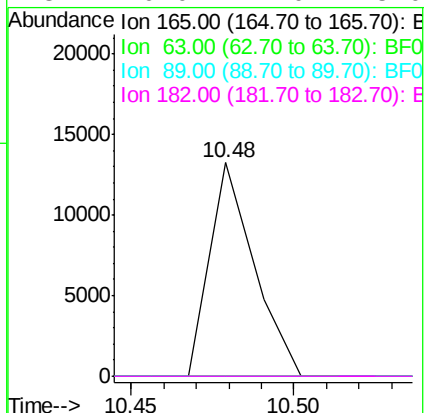
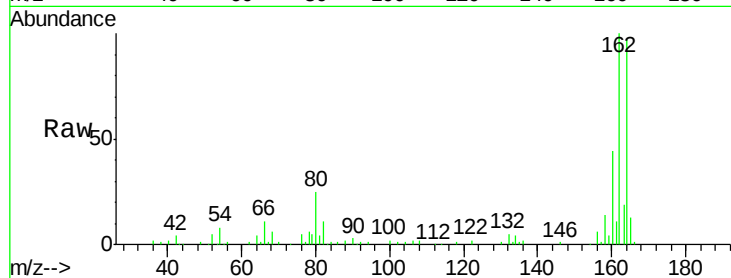




#56
 2,4-Dinitrotoluene
 Concen: 12.21 ng
 RT: 10.48 min Scan# 813
 Delta R.T. -0.17 min
 Lab File: BF079839.D
 Acq: 9 Jun 2015 18:44

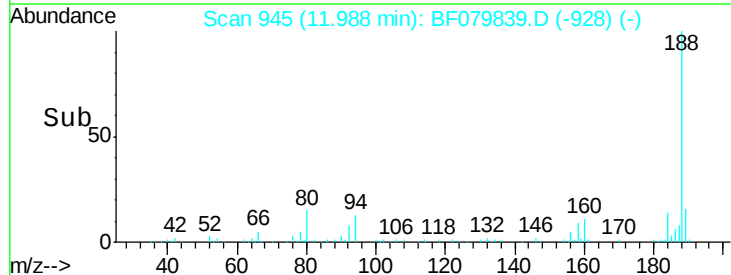
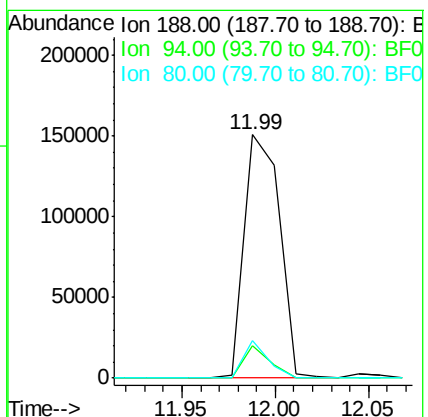
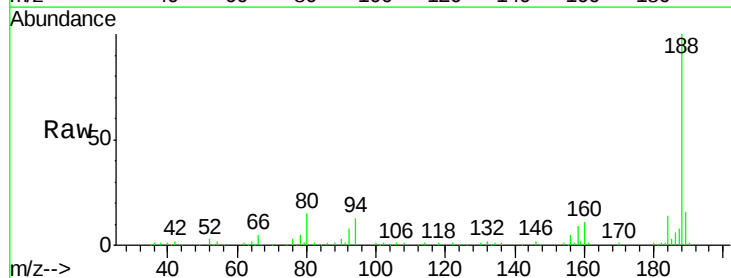
Instrument :
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 MW-25

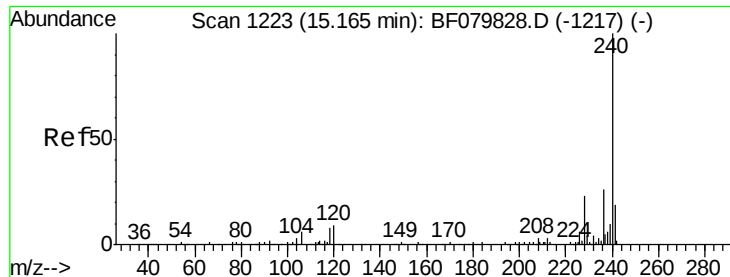
Tgt Ion:	165	Resp:	12361
Ion	Ratio	Lower	Upper
165	100		
63	0.0	24.4	36.6#
89	0.0	45.3	67.9#
182	0.0	2.0	3.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.99 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: BF079839.D
 Acq: 9 Jun 2015 18:44

Tgt Ion:	188	Resp:	197556
Ion	Ratio	Lower	Upper
188	100		
94	13.1	7.4	11.0#
80	15.5	8.0	12.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.99 min Scan# 1208

Delta R.T. -0.07 min

Lab File: BF079839.D

Acq: 9 Jun 2015 18:44

Instrument :

BNA_F

ClientSampleId :

MW-25

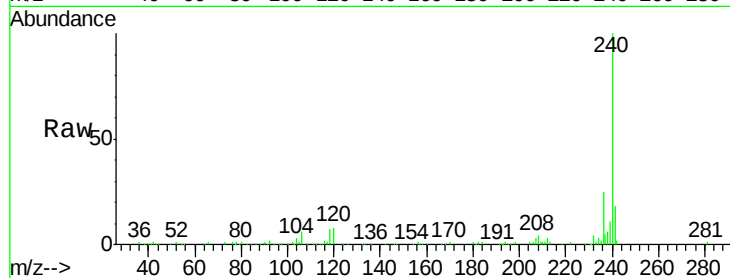
Tgt Ion:240 Resp: 212390

Ion Ratio Lower Upper

240 100

120 8.3 6.6 9.8

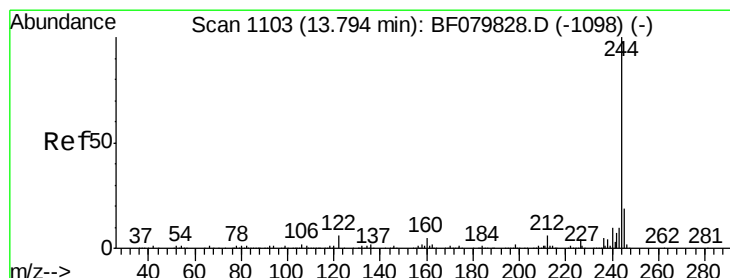
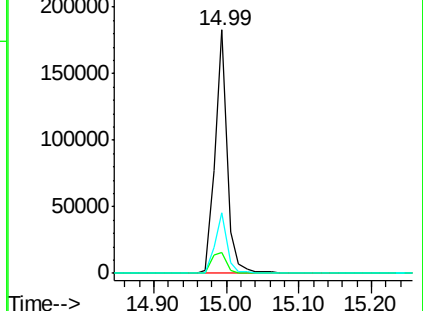
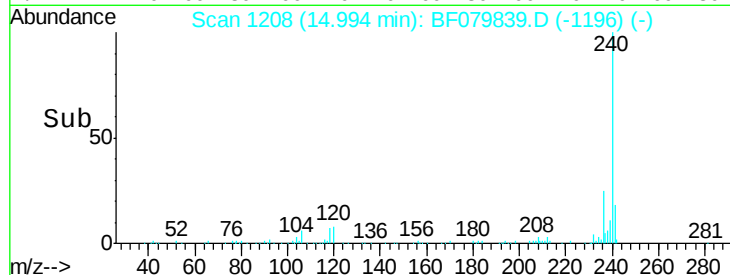
236 25.0 20.2 30.4



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: 78.45 ng

RT: 13.70 min Scan# 1095

Delta R.T. -0.03 min

Lab File: BF079839.D

Acq: 9 Jun 2015 18:44

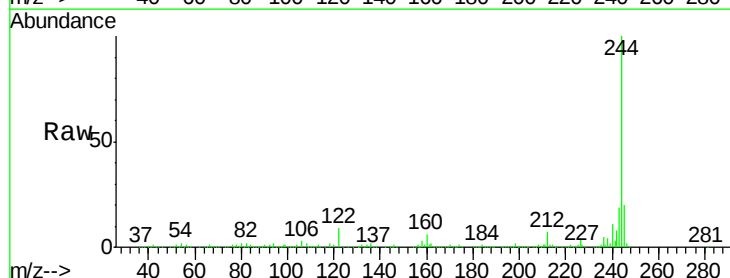
Tgt Ion:244 Resp: 739097

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

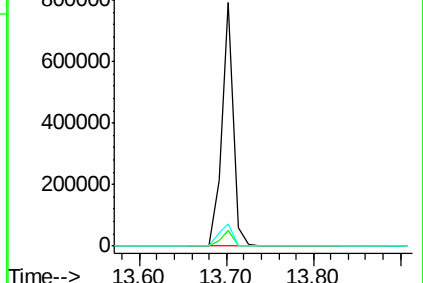
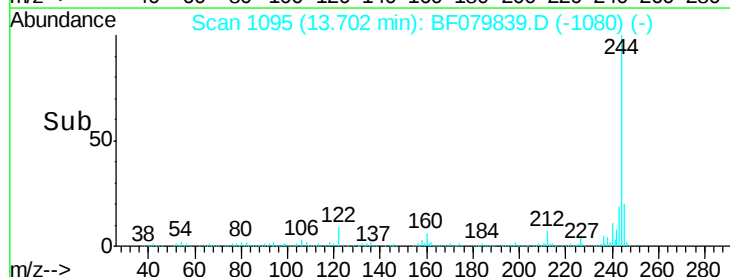
122 8.9 8.2 12.2

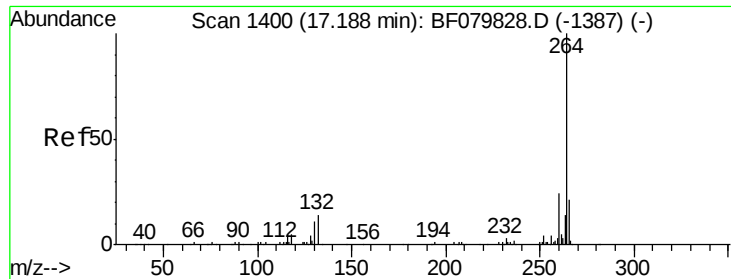


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 16.91 min Scan# 1376
Delta R.T. -0.10 min
Lab File: BF079839.D
Acq: 9 Jun 2015 18:44

Instrument :
BNA_F
ClientSampleId :
MW-25

Tgt Ion: 264 Resp: 197260
Ion Ratio Lower Upper
264 100
260 23.9 19.5 29.3
265 21.0 18.0 27.0

