

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060915\
 Data File : BF079848.D
 Acq On : 9 Jun 2015 23:07
 Operator : TP/IZ
 Sample : G2556-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-111

Quant Time: Jun 10 01:36:54 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

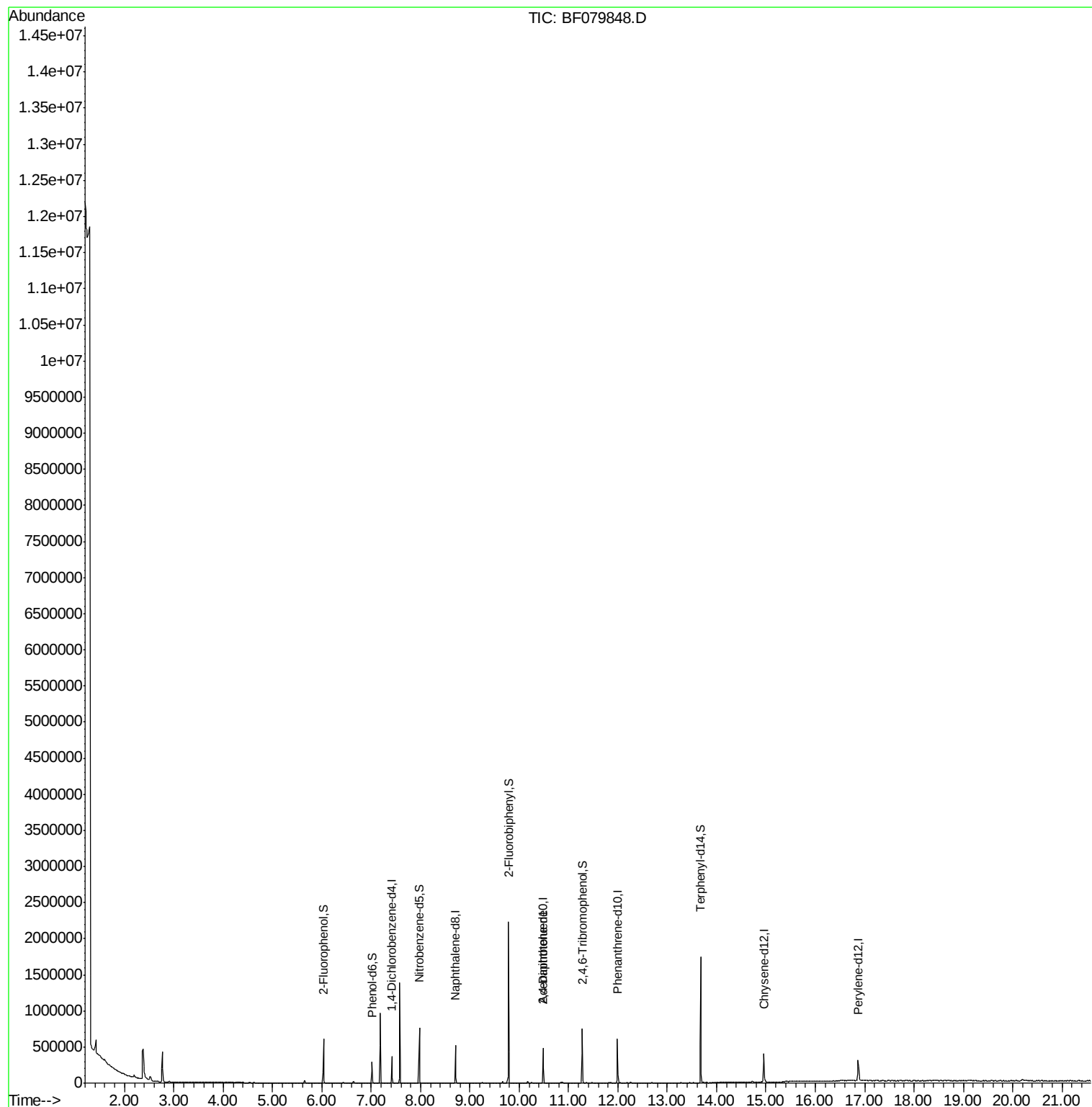
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	52308	20.00	ng	0.00
21) Naphthalene-d8	8.71	136	208472	20.00	ng	0.00
38) Acenaphthene-d10	10.48	164	102355	20.00	ng	0.00
63) Phenanthrene-d10	11.99	188	211029	20.00	ng	-0.01
75) Chrysene-d12	14.96	240	207460	20.00	ng	-0.10
86) Perylene-d12	16.87	264	190102	20.00	ng	-0.15
System Monitoring Compounds						
5) 2-Fluorophenol	6.03	112	151358	47.69	ng	0.00
7) Phenol-d6	7.02	99	114577	27.90	ng	0.00
23) Nitrobenzene-d5	7.98	82	263430	73.00	ng	0.00
41) 2,4,6-Tribromophenol	11.28	330	98927	111.68	ng	0.00
44) 2-Fluorobiphenyl	9.78	172	641826	88.19	ng	0.00
78) Terphenyl-d14	13.68	244	595920	64.76	ng	-0.06
Target Compounds						
56) 2,4-Dinitrotoluene	10.48	165	13281	12.48	ng	Qvalue # 32

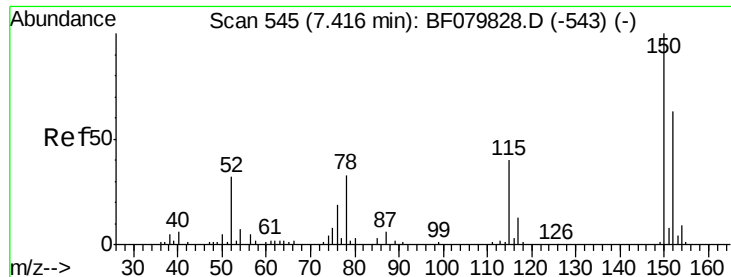
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF079848.D

Acq: 9 Jun 2015 23:07

Instrument :

BNA_F

ClientSampleId :

MW-111

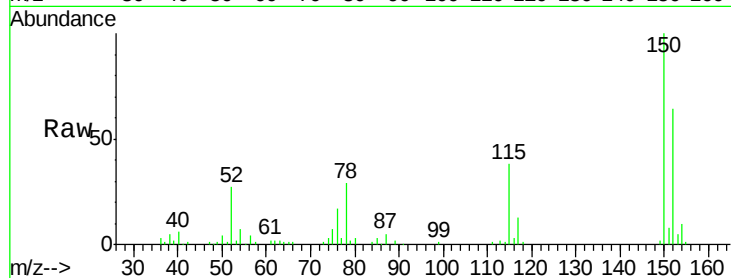
Tgt Ion:152 Resp: 52308

Ion Ratio Lower Upper

152 100

150 157.0 131.4 197.2

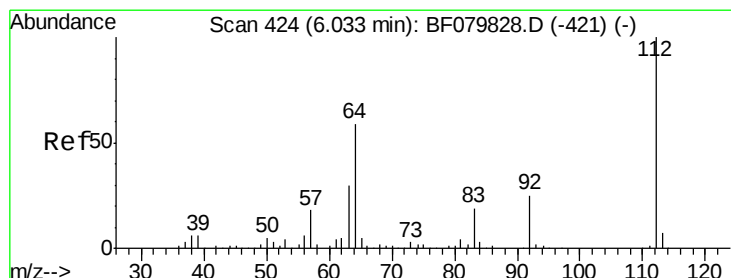
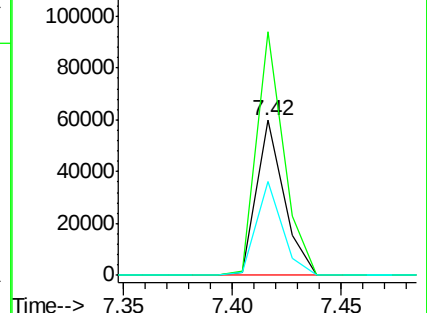
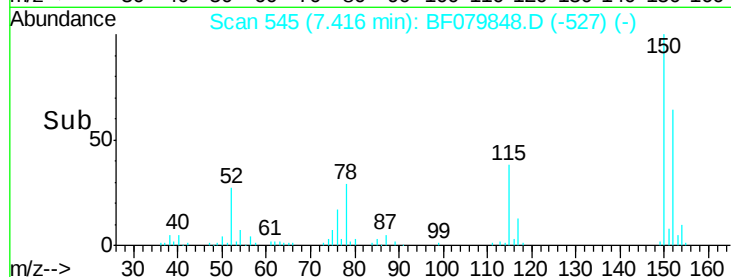
115 60.4 56.5 84.7



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: 47.69 ng

RT: 6.03 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF079848.D

Acq: 9 Jun 2015 23:07

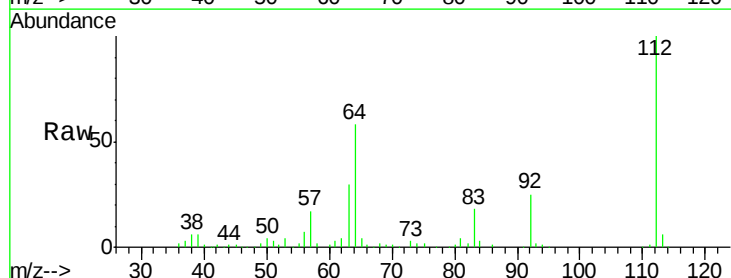
Tgt Ion:112 Resp: 151358

Ion Ratio Lower Upper

112 100

64 57.6 44.2 66.4

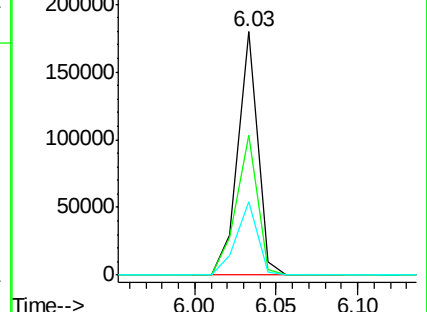
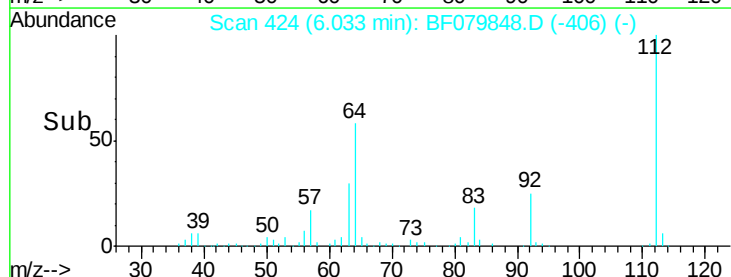
63 30.3 22.8 34.2

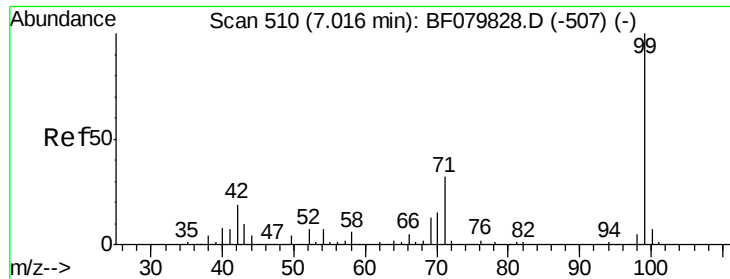


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 27.90 ng

RT: 7.02 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF079848.D

Acq: 9 Jun 2015 23:07

Instrument :

BNA_F

ClientSampleId :

MW-111

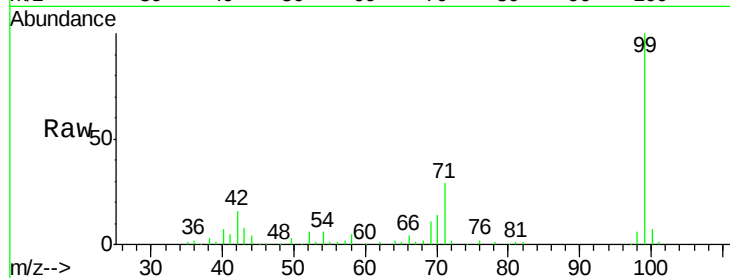
Tgt Ion: 99 Resp: 114577

Ion Ratio Lower Upper

99 100

42 15.5 13.7 20.5

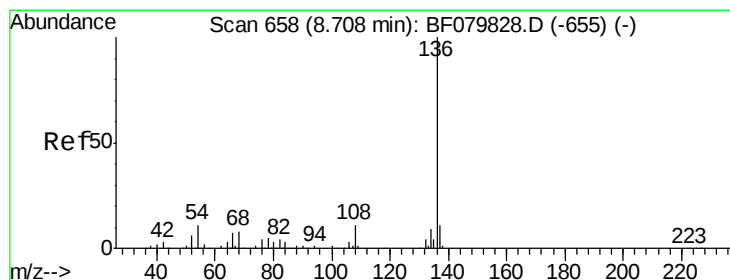
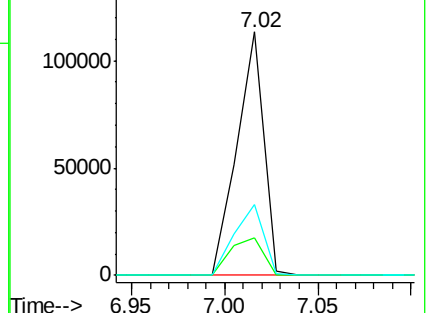
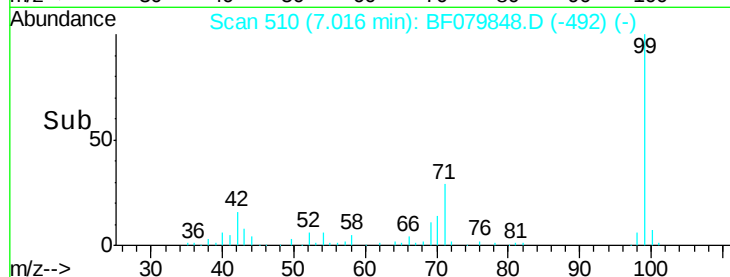
71 29.3 25.1 37.7



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: BF079848.D

Acq: 9 Jun 2015 23:07

Tgt Ion: 136 Resp: 208472

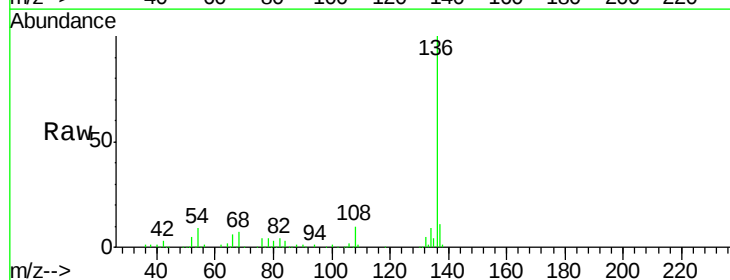
Ion Ratio Lower Upper

136 100

137 10.9 9.3 13.9

54 9.3 8.1 12.1

68 7.0 4.8 7.2

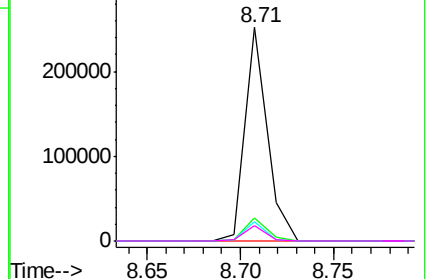
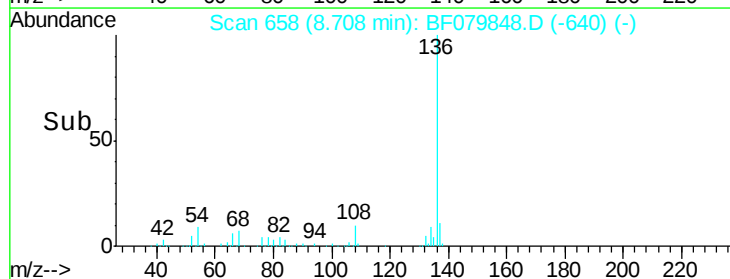


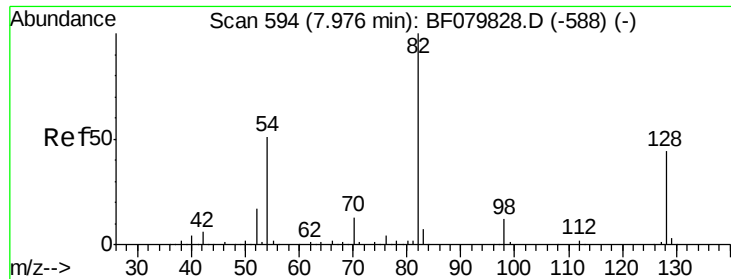
Abundance Ion 136.00 (135.70 to 136.70): E

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

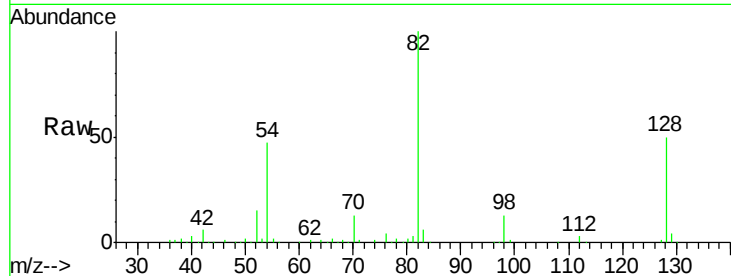




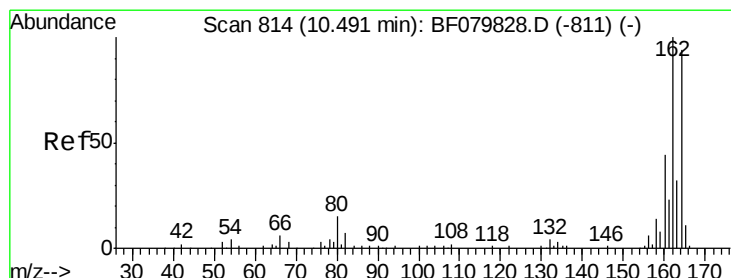
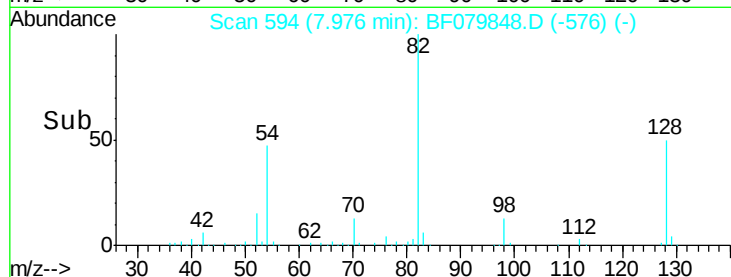
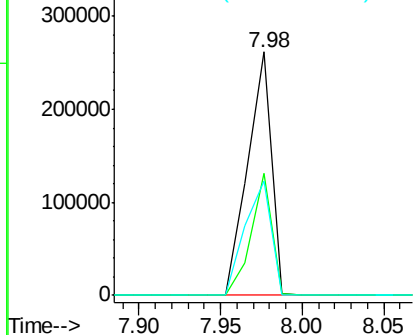
#23
 Nitrobenzene-d5
 Concen: 73.00 ng
 RT: 7.98 min Scan# 594
 Delta R.T. 0.00 min
 Lab File: BF079848.D
 Acq: 9 Jun 2015 23:07

Instrument :
 BNA_F
 ClientSampleId :
 MW-111

Tgt Ion: 82 Resp: 263430
 Ion Ratio Lower Upper
 82 100
 128 50.0 35.2 52.8
 54 47.2 39.2 58.8

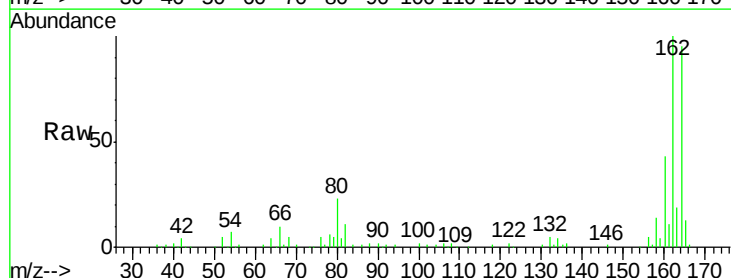


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

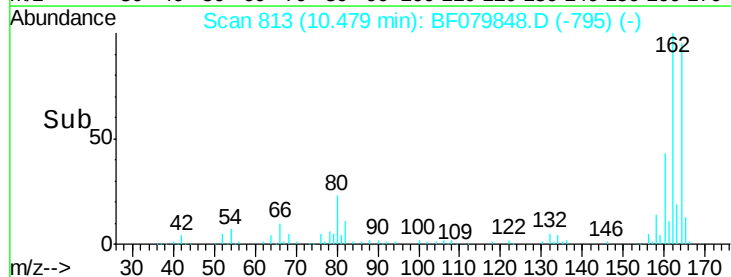
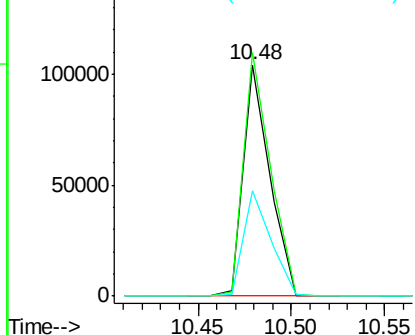


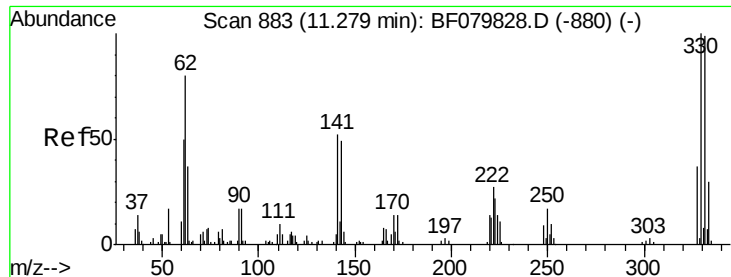
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.48 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF079848.D
 Acq: 9 Jun 2015 23:07

Tgt Ion: 164 Resp: 102355
 Ion Ratio Lower Upper
 164 100
 162 105.4 89.8 134.8
 160 45.7 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

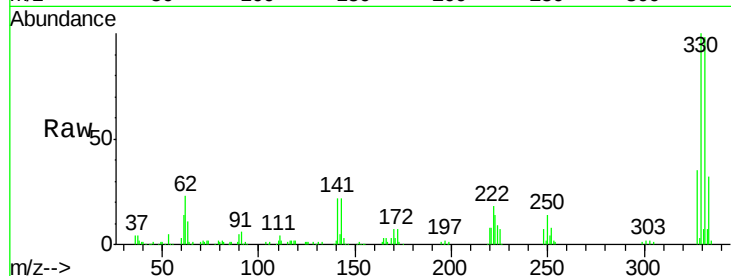




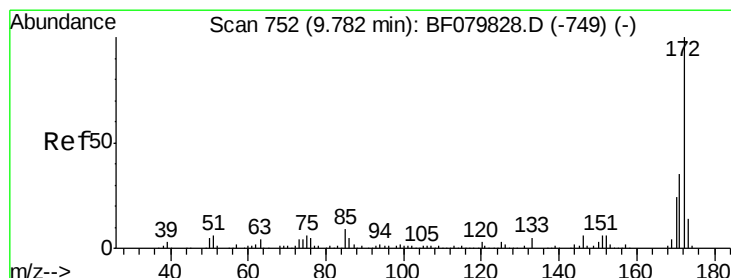
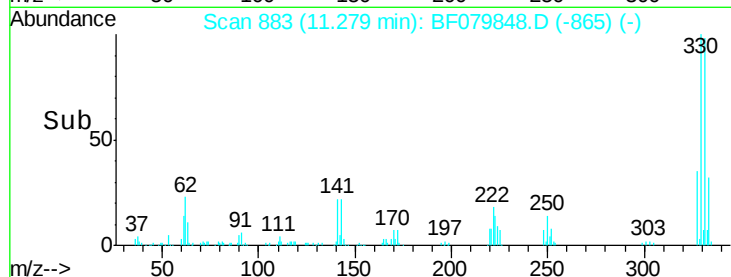
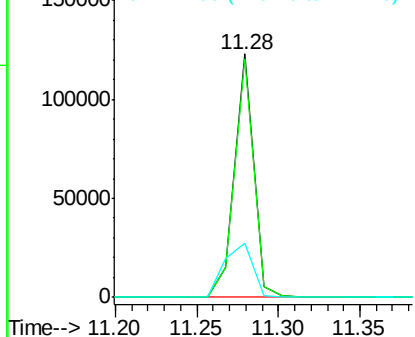
#41
 2,4,6-Tribromophenol
 Concen: 111.68 ng
 RT: 11.28 min Scan# 883
 Delta R.T. 0.00 min
 Lab File: BF079848.D
 Acq: 9 Jun 2015 23:07

Instrument :
 BNA_F
 ClientSampleId :
 MW-111

Tgt Ion:330 Resp: 98927
 Ion Ratio Lower Upper
 330 100
 332 98.0 76.8 115.2
 141 32.9 29.1 43.7

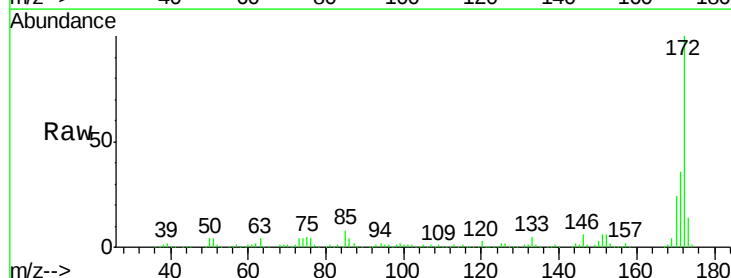


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

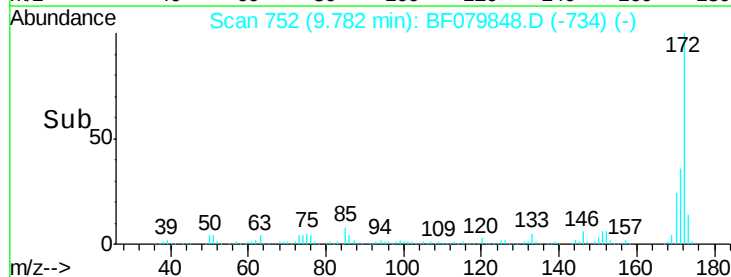
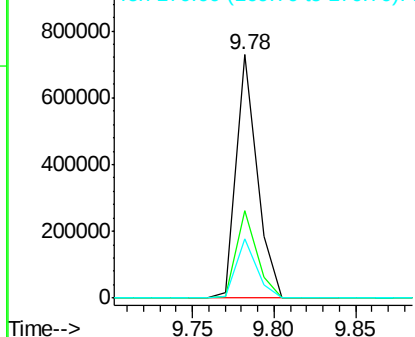


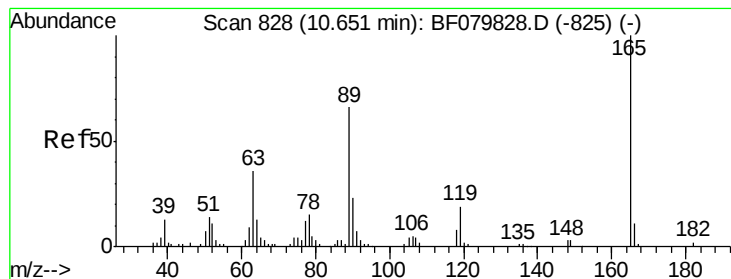
#44
 2-Fluorobiphenyl
 Concen: 88.19 ng
 RT: 9.78 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF079848.D
 Acq: 9 Jun 2015 23:07

Tgt Ion:172 Resp: 641826
 Ion Ratio Lower Upper
 172 100
 171 35.7 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: 12.48 ng

RT: 10.48 min Scan# 813

Delta R.T. -0.17 min

Lab File: BF079848.D

Acq: 9 Jun 2015 23:07

Instrument :

BNA_F

ClientSampleId :

MW-111

Tgt Ion:165 Resp: 13281

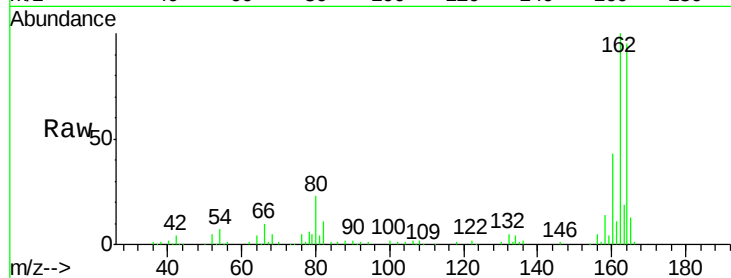
Ion Ratio Lower Upper

165 100

63 0.0 24.4 36.6#

89 0.0 45.3 67.9#

182 0.0 2.0 3.0#

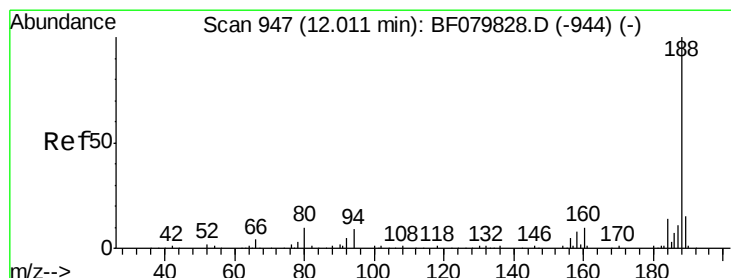
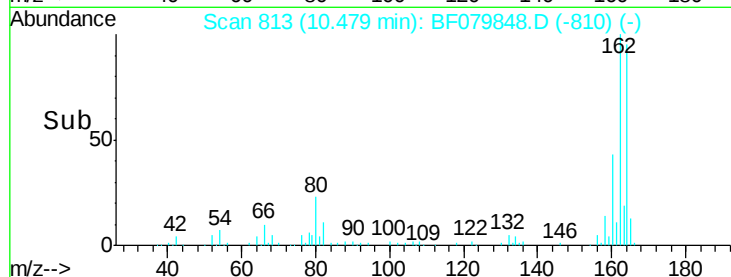
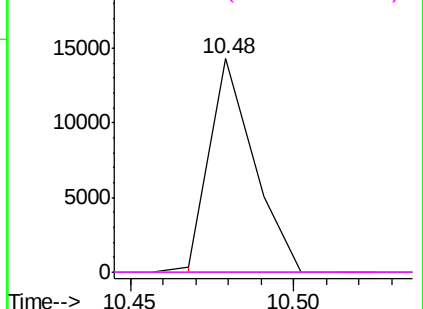


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.99 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF079848.D

Acq: 9 Jun 2015 23:07

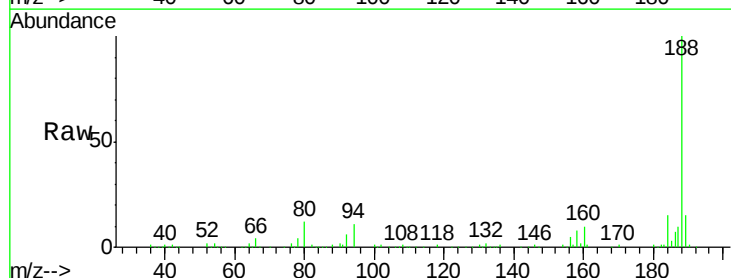
Tgt Ion:188 Resp: 211029

Ion Ratio Lower Upper

188 100

94 10.5 7.4 11.0

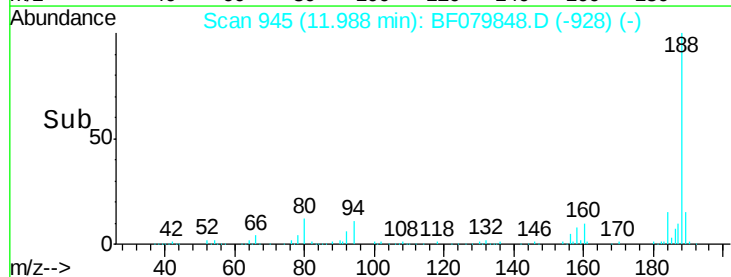
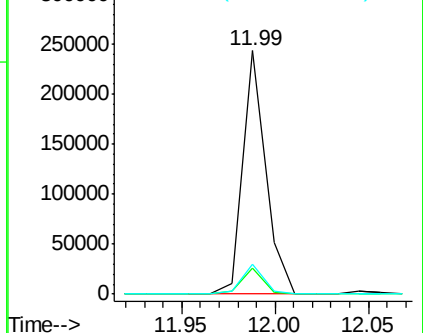
80 12.2 8.0 12.0#

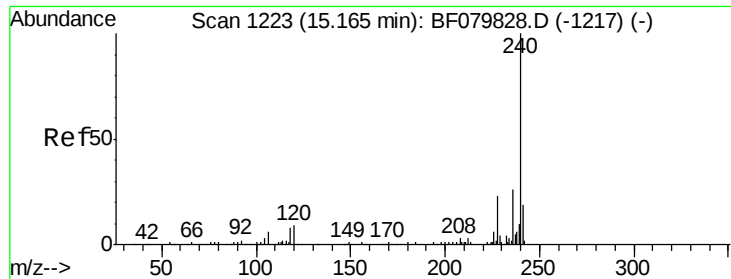


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.96 min Scan# 1205

Delta R.T. -0.10 min

Lab File: BF079848.D

Acq: 9 Jun 2015 23:07

Instrument :

BNA_F

ClientSampled :

MW-111

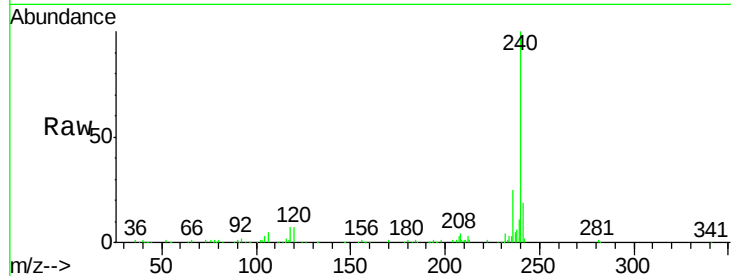
Tgt Ion:240 Resp: 207460

Ion Ratio Lower Upper

240 100

120 7.2 6.6 9.8

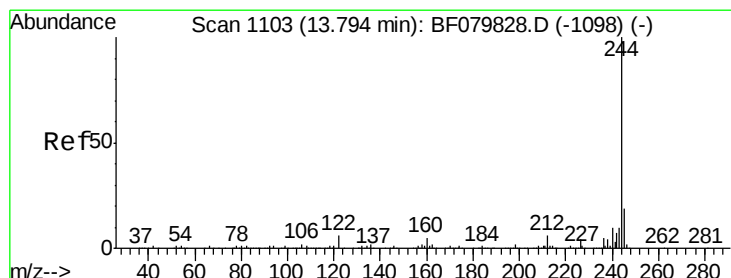
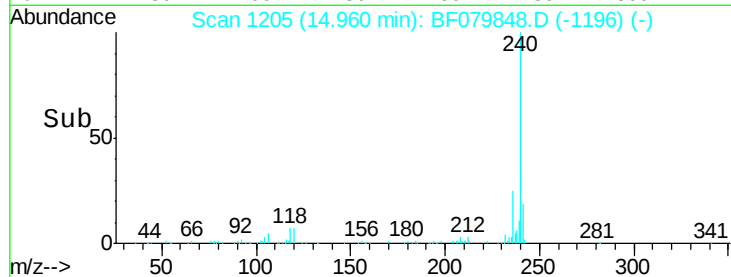
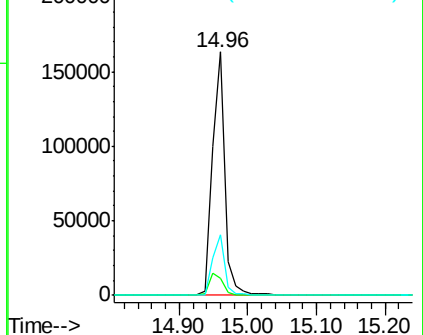
236 25.1 20.2 30.4



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: 64.76 ng

RT: 13.68 min Scan# 1093

Delta R.T. -0.06 min

Lab File: BF079848.D

Acq: 9 Jun 2015 23:07

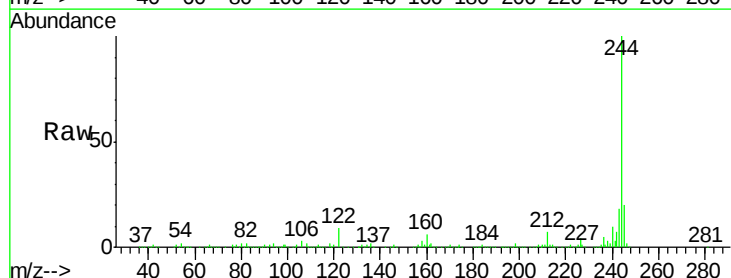
Tgt Ion:244 Resp: 595920

Ion Ratio Lower Upper

244 100

212 6.6 5.6 8.4

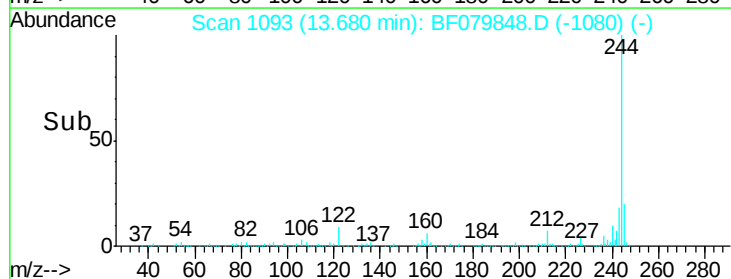
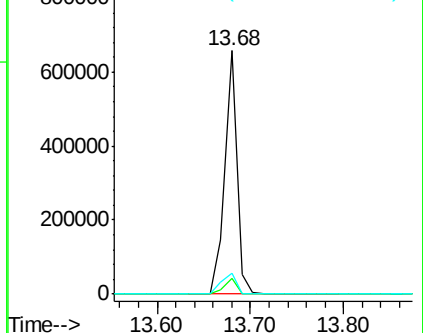
122 8.6 8.2 12.2

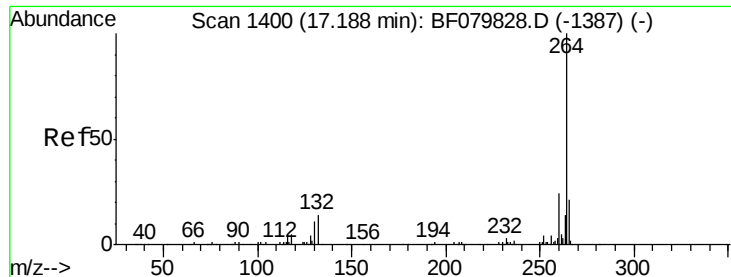


Abundance Ion 244.00 (243.70 to 244.70): E

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: 16.87 min Scan# 1372
Delta R.T. -0.15 min
Lab File: BF079848.D
Acq: 9 Jun 2015 23:07

Instrument :
BNA_F
ClientSampleId :
MW-111

Tgt Ion: 264 Resp: 190102
Ion Ratio Lower Upper
264 100
260 23.3 19.5 29.3
265 21.1 18.0 27.0

