

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051215\
 Data File : BF079167.D
 Acq On : 12 May 2015 19:45
 Operator : TP/IZ
 Sample : G2104-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-101

Quant Time: May 13 01:16:38 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 13 00:53:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.28	152	103476	20.00	ng	0.00
21) Naphthalene-d8	8.86	136	436509	20.00	ng	0.00
38) Acenaphthene-d10	11.03	164	214611	20.00	ng	-0.01
63) Phenanthrene-d10	12.88	188	425884	20.00	ng	0.00
75) Chrysene-d12	16.17	240	456079	20.00	ng	-0.02
86) Perylene-d12	17.87	264	465016	20.00	ng	-0.15
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	265350	44.14	ng	0.01
7) Phenol-d6	6.84	99	238233	29.98	ng	0.00
23) Nitrobenzene-d5	7.98	82	441656	58.15	ng	0.00
41) 2,4,6-Tribromophenol	12.01	330	224002	96.48	ng	0.00
44) 2-Fluorobiphenyl	10.20	172	904151	58.70	ng	0.00
78) Terphenyl-d14	14.88	244	1021602	53.63	ng	0.00

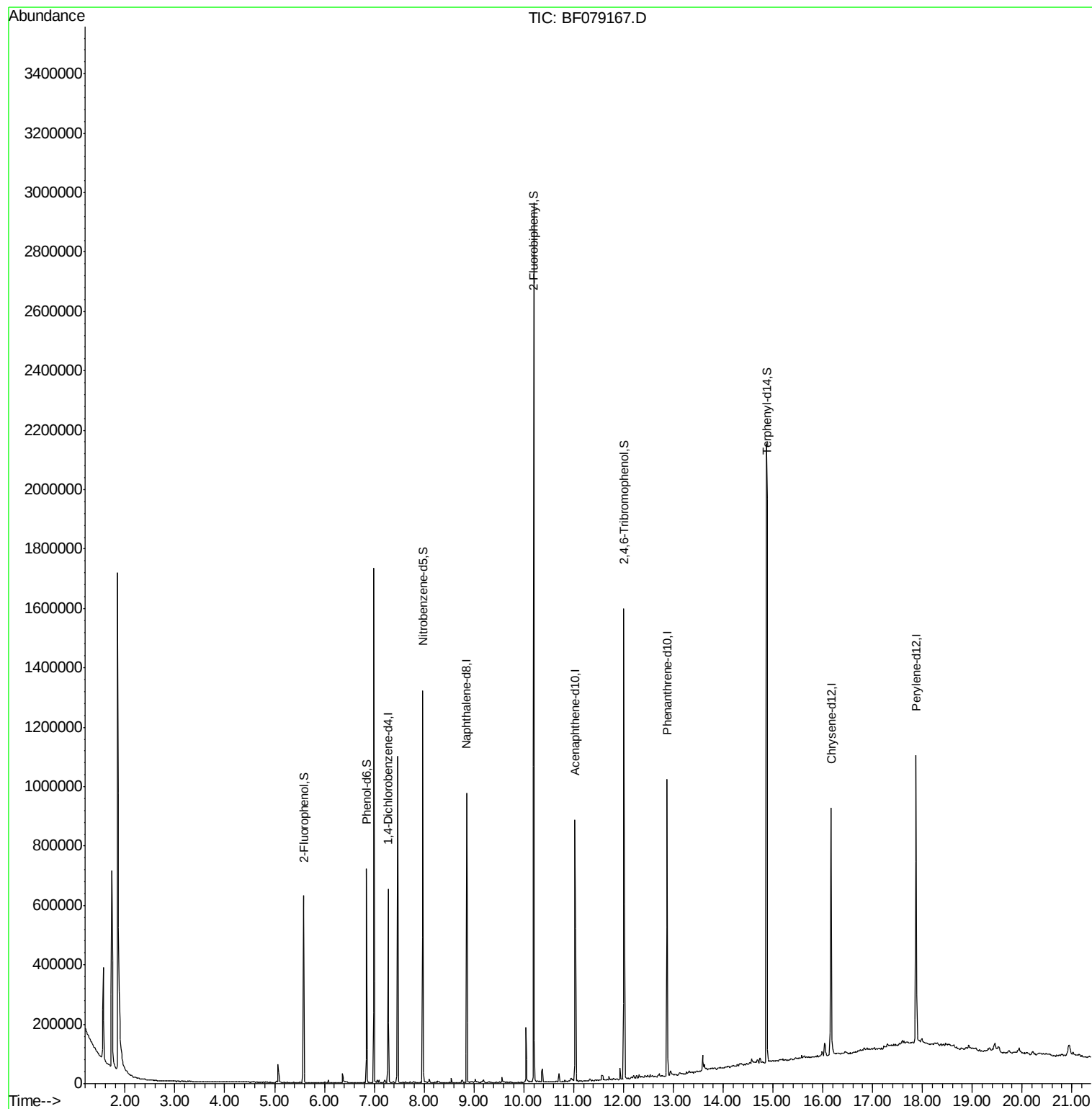
Target Compounds Qvalue

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051215\
Data File : BF079167.D
Acq On : 12 May 2015 19:45
Operator : TP/IZ
Sample : G2104-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-101

Quant Time: May 13 01:16:38 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 13 00:53:14 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.28 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF079167.D

Acq: 12 May 2015 19:45

Instrument :

BNA_F

ClientSampleId :

MW-101

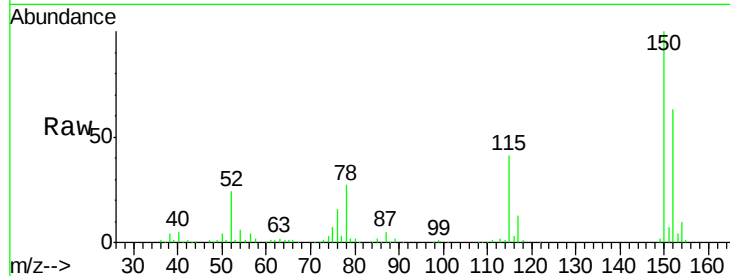
Tot Ion:152 Resp: 103476

Ion Ratio Lower Upper

152 100

150 159.0 122.0 183.0

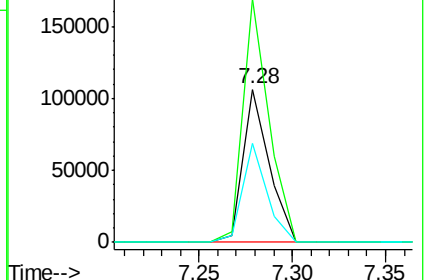
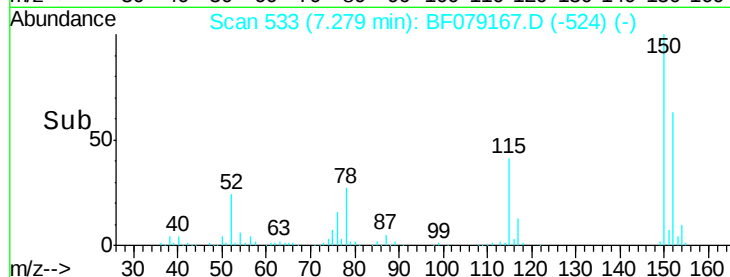
115 65.0 46.3 69.5



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: 44.14 ng

RT: 5.59 min Scan# 385

Delta R.T. 0.01 min

Lab File: BF079167.D

Acq: 12 May 2015 19:45

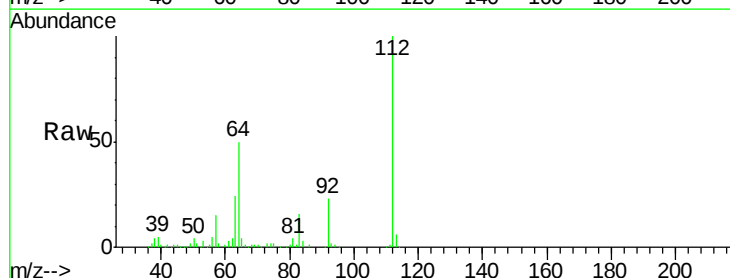
Tgt Ion:112 Resp: 265350

Ion Ratio Lower Upper

112 100

64 49.8 53.5 80.3#

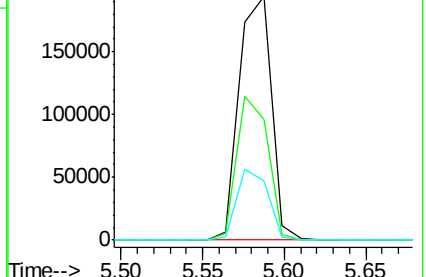
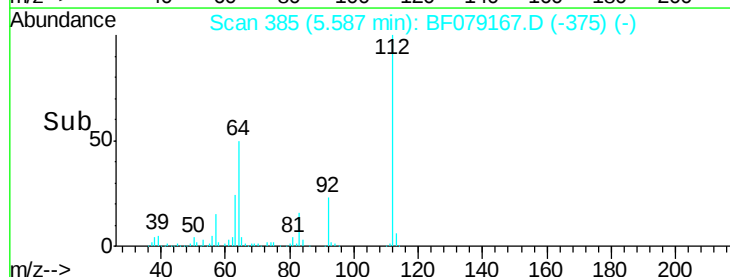
63 24.3 27.5 41.3#



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: 29.98 ng

RT: 6.84 min Scan# 495

Delta R.T. -0.00 min

Lab File: BF079167.D

Acq: 12 May 2015 19:45

Instrument :

BNA_F

ClientSampleId :

MW-101

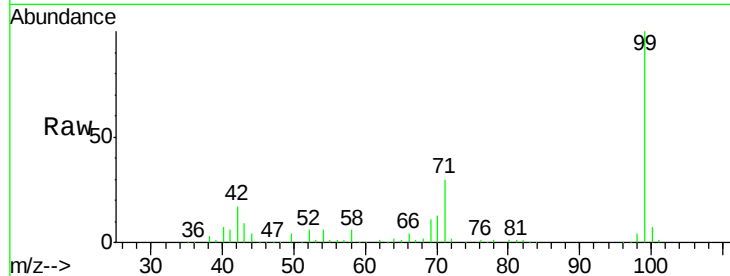
Tot Ion: 99 Resp: 238233

Ion Ratio Lower Upper

99 100

42 16.9 12.8 19.2

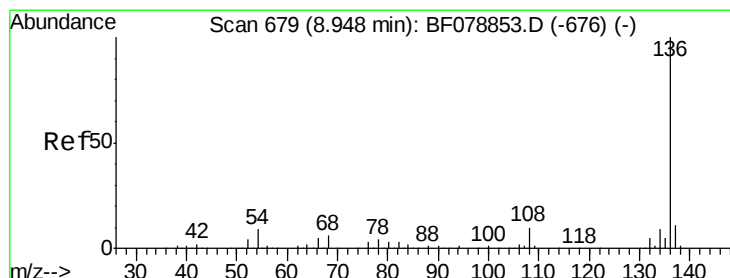
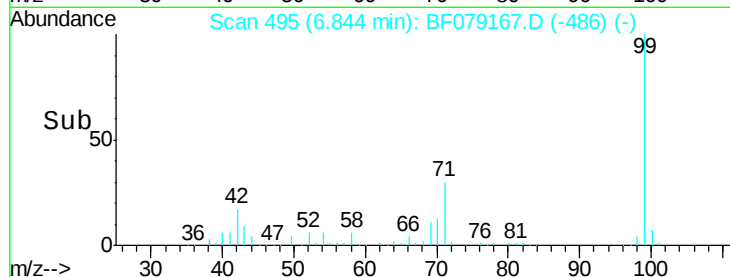
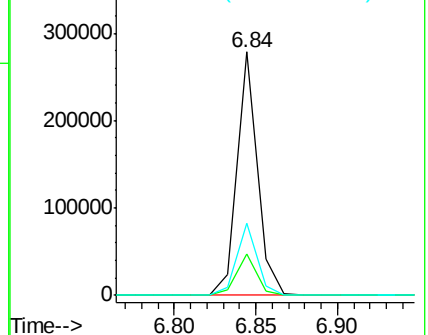
71 29.7 23.4 35.2



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: 8.86 min Scan# 671

Delta R.T. -0.00 min

Lab File: BF079167.D

Acq: 12 May 2015 19:45

Tgt Ion: 136 Resp: 436509

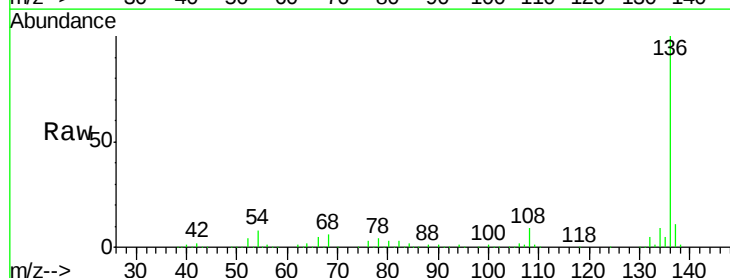
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 8.5 5.8 8.8

68 6.3 4.2 6.4

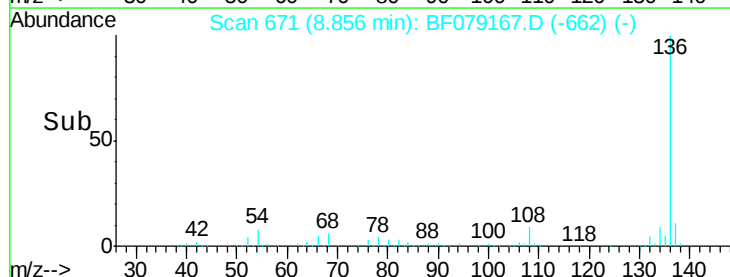
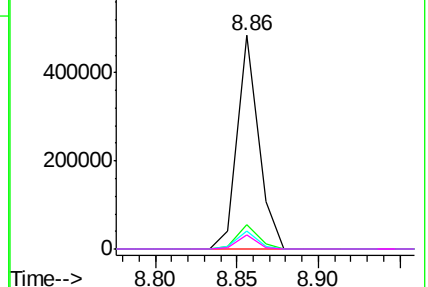


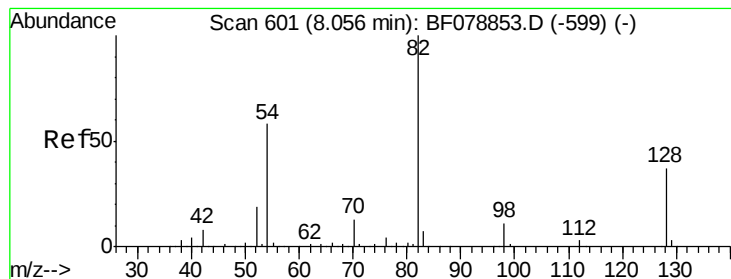
Abundance Ion 136.00 (135.70 to 136.70): E

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: 58.15 ng

RT: 7.98 min Scan# 594

Delta R.T. -0.00 min

Lab File: BF079167.D

Acq: 12 May 2015 19:45

Instrument :

BNA_F

ClientSampleId :

MW-101

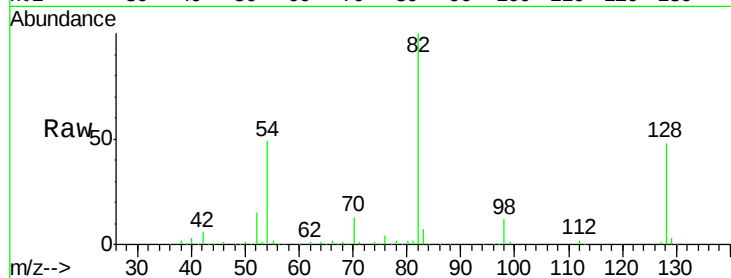
Tot Ion: 82 Resp: 441656

Ion Ratio Lower Upper

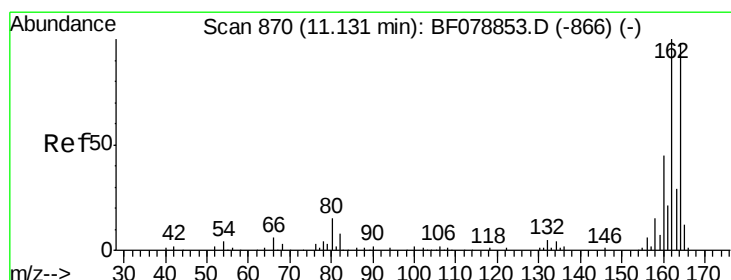
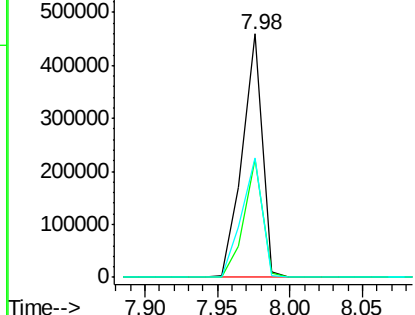
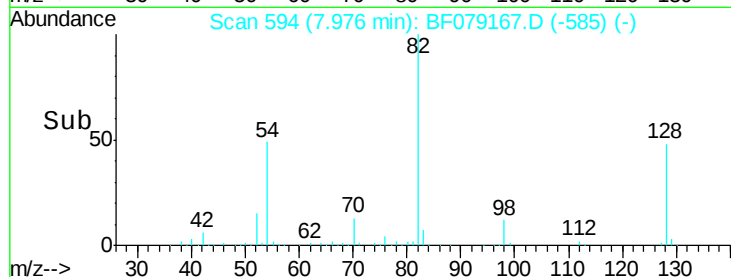
82 100

128 48.4 30.0 45.0#

54 48.9 46.4 69.6



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: 11.03 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF079167.D

Acq: 12 May 2015 19:45

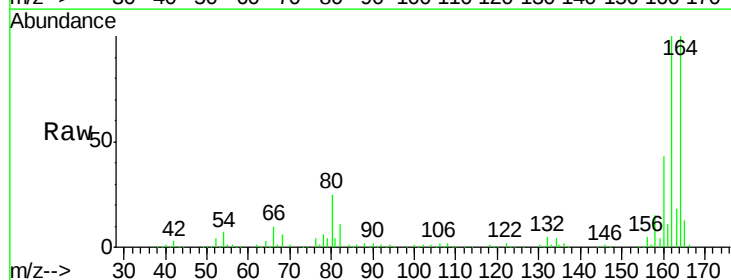
Tgt Ion: 164 Resp: 214611

Ion Ratio Lower Upper

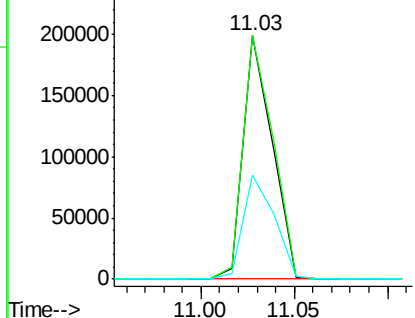
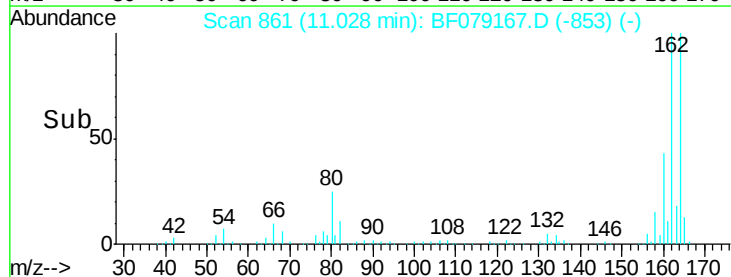
164 100

162 100.1 82.7 124.1

160 42.9 35.8 53.8



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

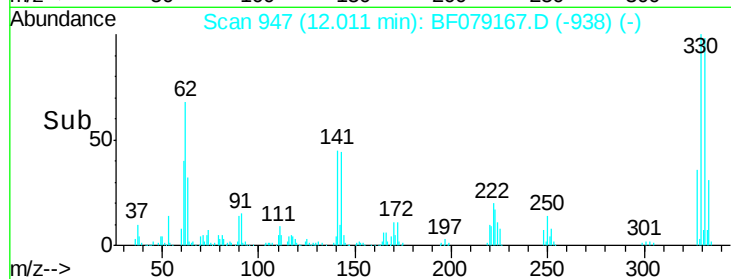
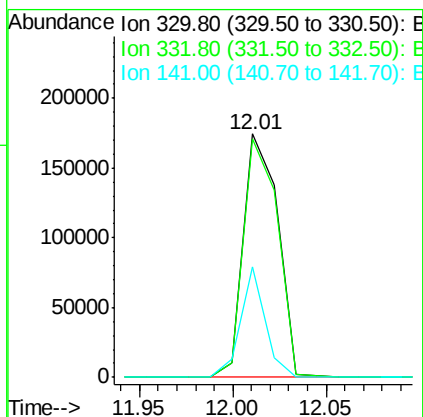
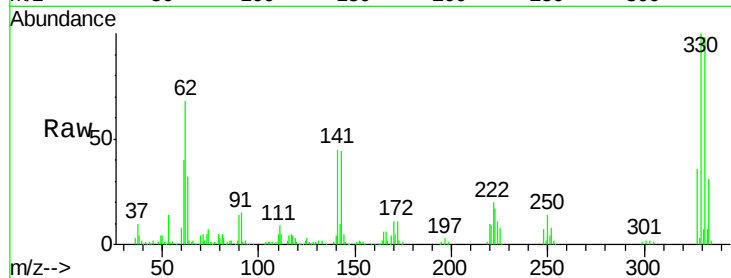




#41
 2,4,6-Tribromophenol
 Concen: 96.48 ng
 RT: 12.01 min Scan# 947
 Delta R.T. -0.00 min
 Lab File: BF079167.D
 Acq: 12 May 2015 19:45

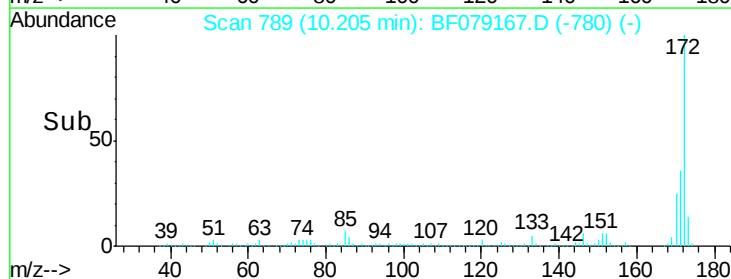
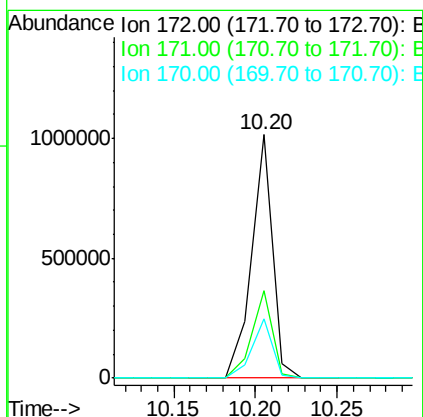
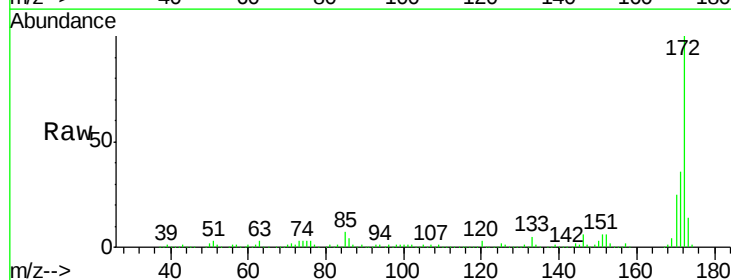
Instrument :
 BNA_F
 ClientSampleId :
 MW-101

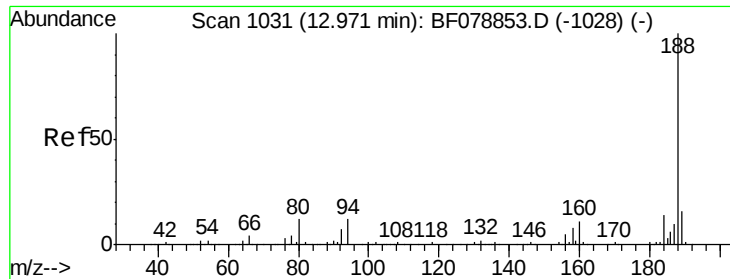
Tot Ion:330 Resp: 224002
 Ion Ratio Lower Upper
 330 100
 332 97.6 0.0 0.0#
 141 32.9 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 58.70 ng
 RT: 10.20 min Scan# 789
 Delta R.T. -0.00 min
 Lab File: BF079167.D
 Acq: 12 May 2015 19:45

Tgt Ion:172 Resp: 904151
 Ion Ratio Lower Upper
 172 100
 171 36.0 27.9 41.9
 170 24.6 19.4 29.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.88 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF079167.D

Acq: 12 May 2015 19:45

Instrument :

BNA_F

ClientSampled :

MW-101

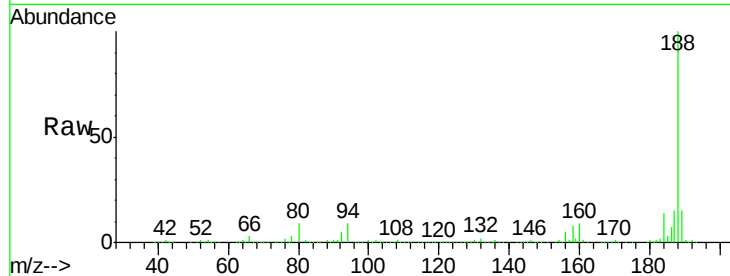
Tot Ion:188 Resp: 425884

Ion Ratio Lower Upper

188 100

94 8.8 8.2 12.2

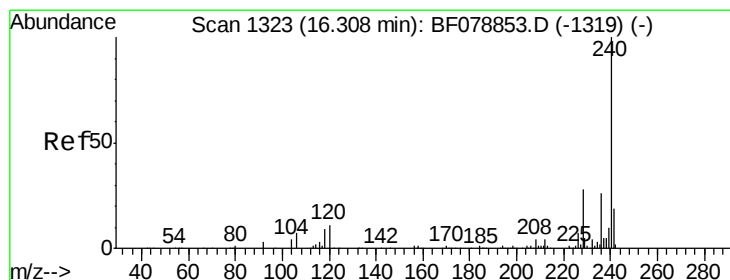
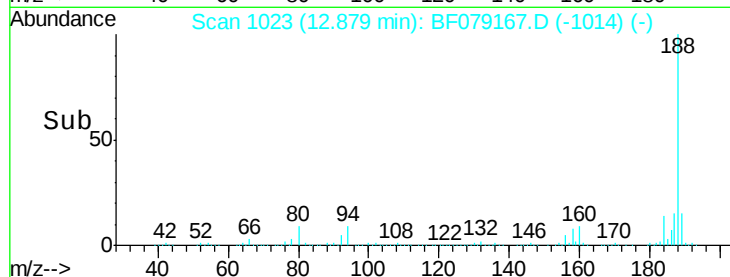
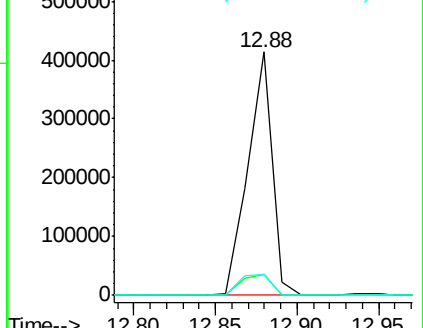
80 8.8 8.9 13.3#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.17 min Scan# 1311

Delta R.T. -0.02 min

Lab File: BF079167.D

Acq: 12 May 2015 19:45

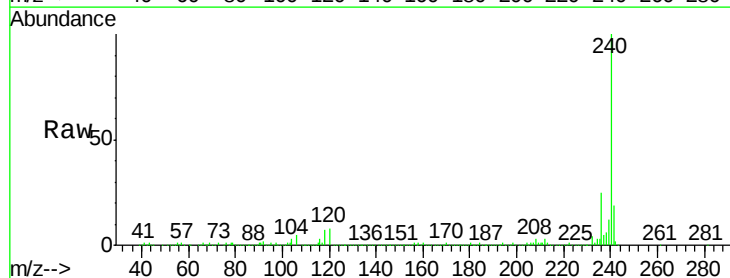
Tgt Ion:240 Resp: 456079

Ion Ratio Lower Upper

240 100

120 8.4 9.7 14.5#

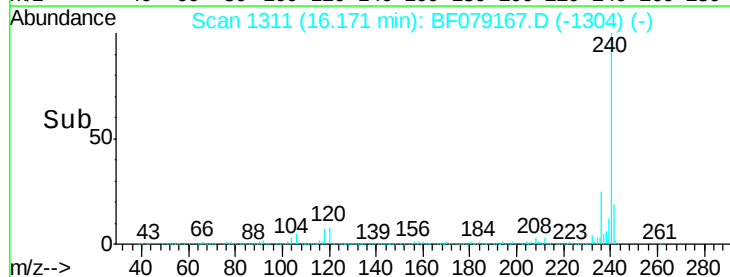
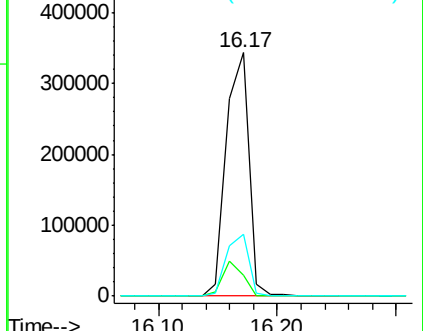
236 25.3 20.2 30.4



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: 53.63 ng

RT: 14.88 min Scan# 1198

Delta R.T. -0.00 min

Lab File: BF079167.D

Acq: 12 May 2015 19:45

Instrument :

BNA_F

ClientSampleId :

MW-101

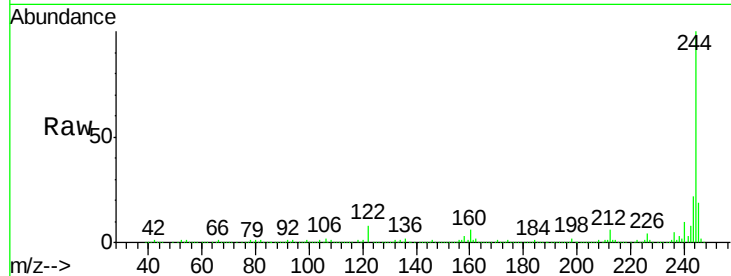
Tot Ion:244 Resp: 1021602

Ion Ratio Lower Upper

244 100

212 6.1 5.6 8.4

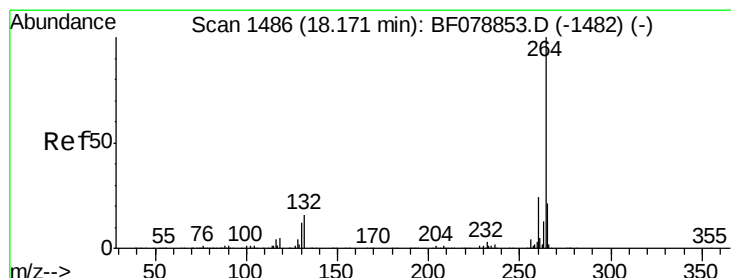
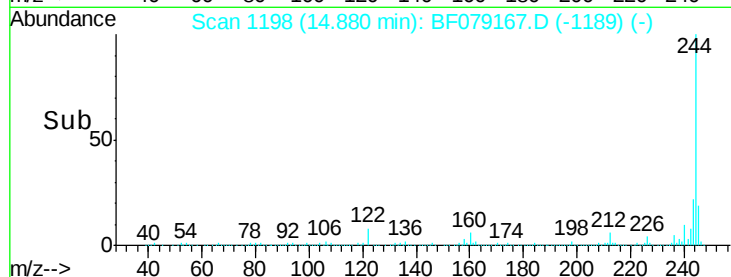
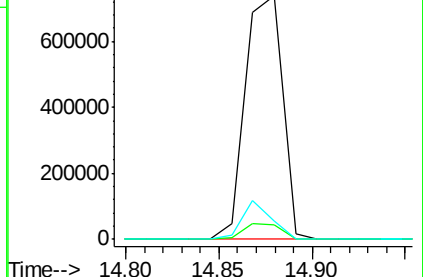
122 7.7 10.3 15.5#



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

Perylene-d12

Concen: 20.00 ng

RT: 17.87 min Scan# 1460

Delta R.T. -0.15 min

Lab File: BF079167.D

Acq: 12 May 2015 19:45

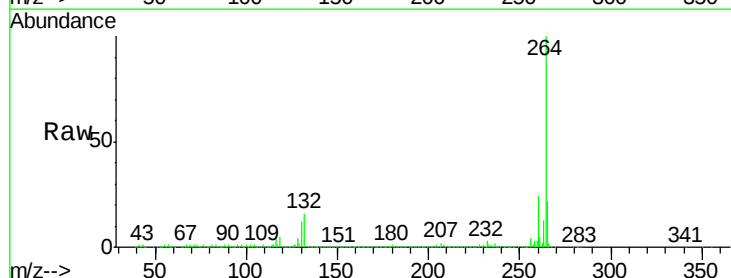
Tgt Ion:264 Resp: 465016

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.2

265 21.5 18.3 27.5



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

