

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041715\
 Data File : BF078603.D
 Acq On : 17 Apr 2015 14:11
 Operator : TP/IZ
 Sample : G1860-04
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3

Quant Time: Apr 17 23:41:51 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 17 23:28:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	31892	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	132427	20.00	ng	0.00
38) Acenaphthene-d10	10.40	164	68691	20.00	ng	-0.01
63) Phenanthrene-d10	12.22	188	138588	20.00	ng	0.00
75) Chrysene-d12	15.46	240	160703	20.00	ng	0.00
86) Perylene-d12	17.20	264	162341	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	4.90	112	106963	55.30	ng	0.00
7) Phenol-d6	6.27	99	83167	34.31	ng	-0.01
23) Nitrobenzene-d5	7.38	82	209013	95.67	ng	0.00
41) 2,4,6-Tribromophenol	11.38	330	95762	168.09	ng	0.00
44) 2-Fluorobiphenyl	9.60	172	418140	87.01	ng	0.00
78) Terphenyl-d14	14.22	244	502223	70.62	ng	0.01

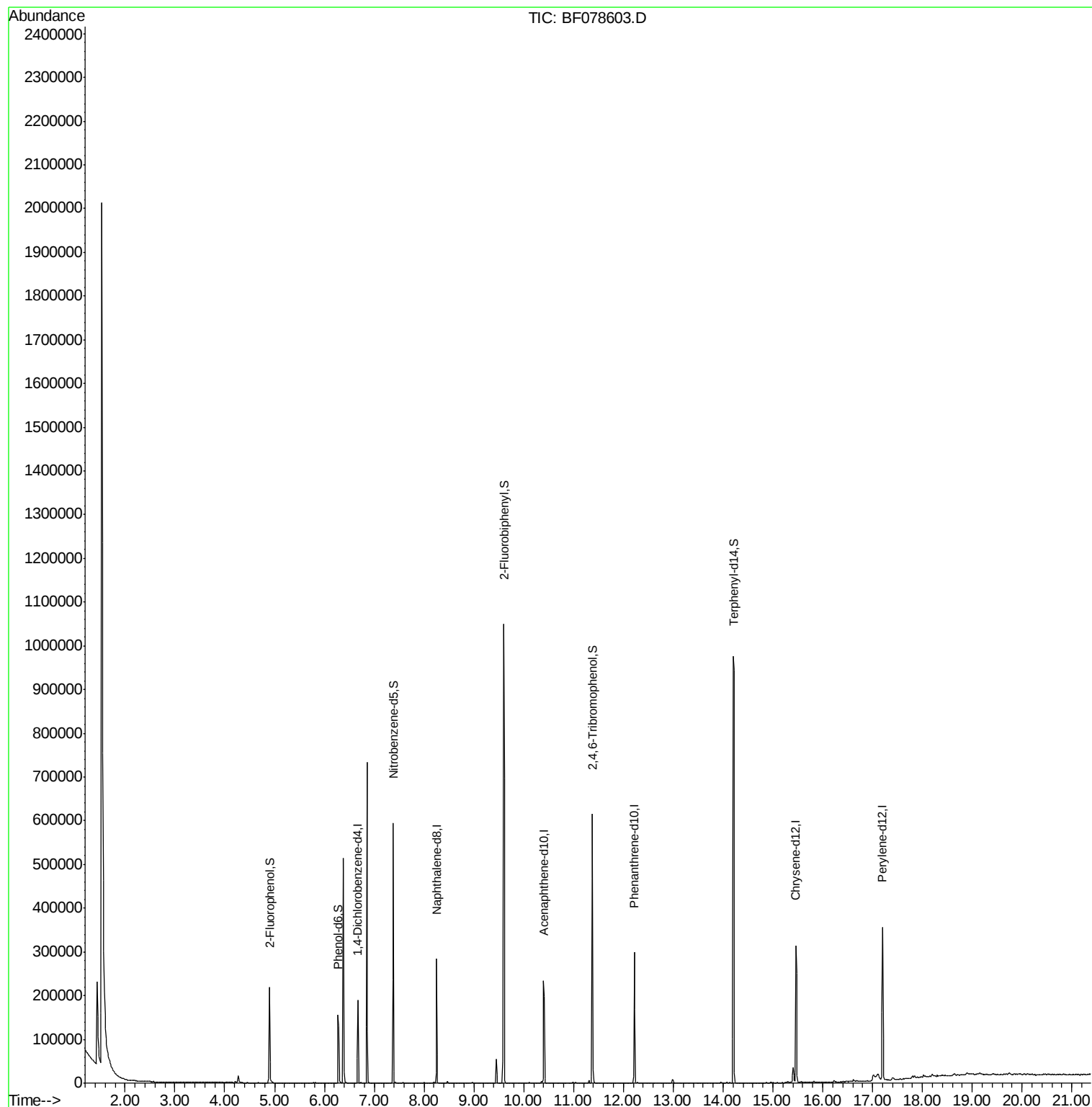
Target Compounds	Qvalue
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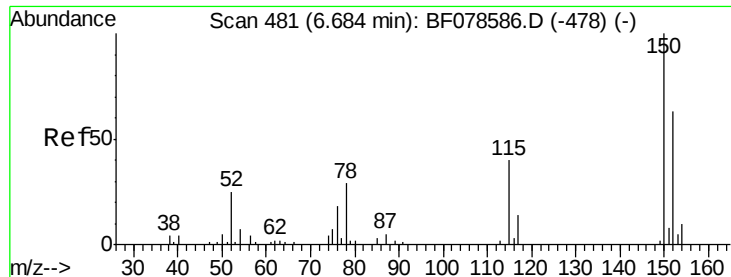
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.67 min Scan# 480

Delta R.T. -0.00 min

Lab File: BF078603.D

Acq: 17 Apr 2015 14:11

Instrument :

BNA_F

ClientSampleId :

MW-3

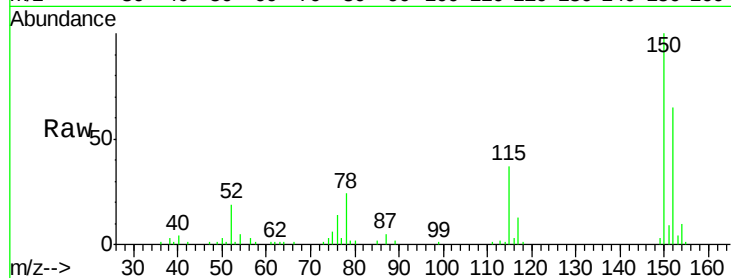
Tgt Ion:152 Resp: 31892

Ion Ratio Lower Upper

152 100

150 154.2 125.9 188.9

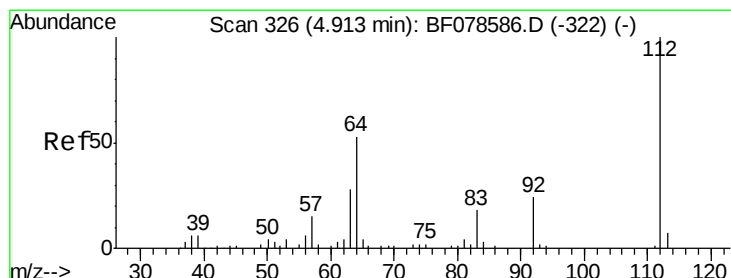
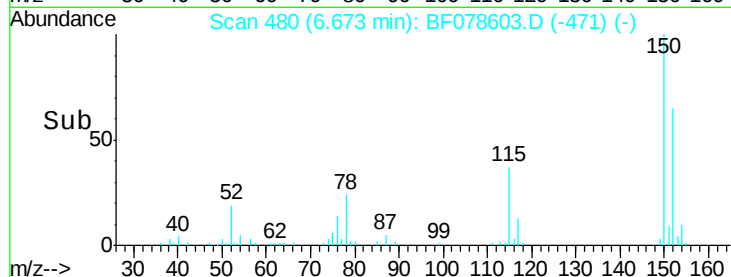
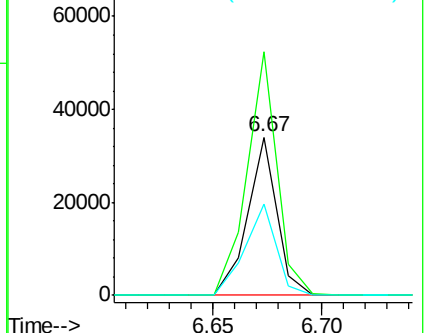
115 57.8 52.7 79.1



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: 55.30 ng

RT: 4.90 min Scan# 325

Delta R.T. -0.00 min

Lab File: BF078603.D

Acq: 17 Apr 2015 14:11

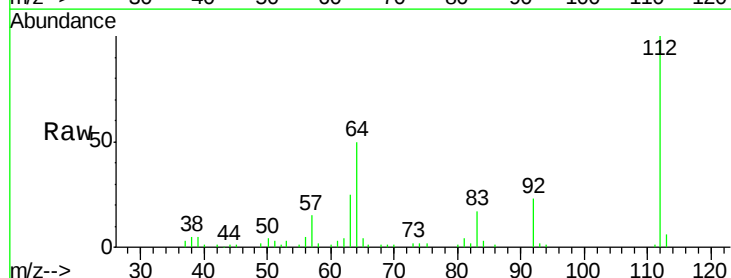
Tgt Ion:112 Resp: 106963

Ion Ratio Lower Upper

112 100

64 50.5 39.9 59.9

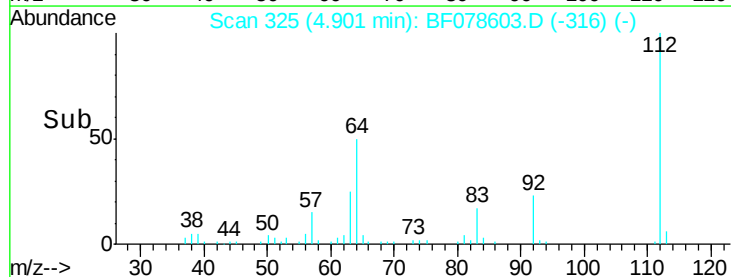
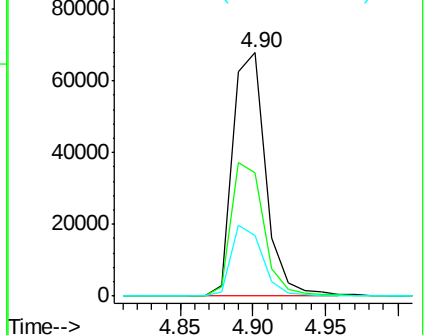
63 25.1 20.2 30.4

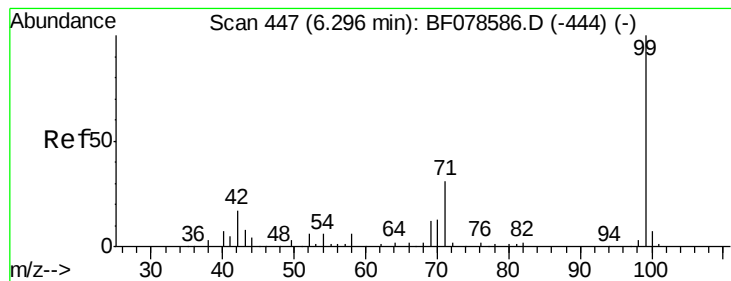


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 34.31 ng

RT: 6.27 min Scan# 445

Delta R.T. -0.01 min

Lab File: BF078603.D

Acq: 17 Apr 2015 14:11

Instrument :

BNA_F

ClientSampleId :

MW-3

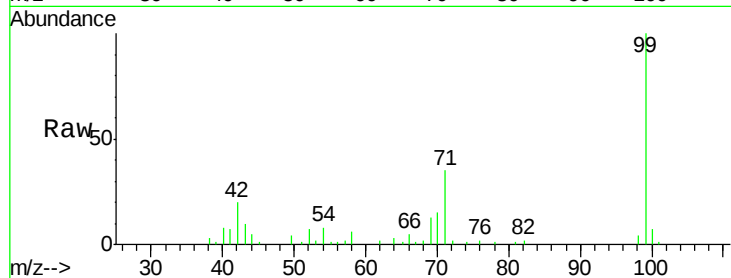
Tgt Ion: 99 Resp: 83167

Ion Ratio Lower Upper

99 100

42 20.3 14.8 22.2

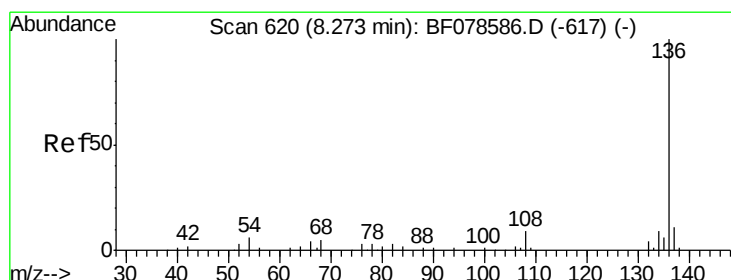
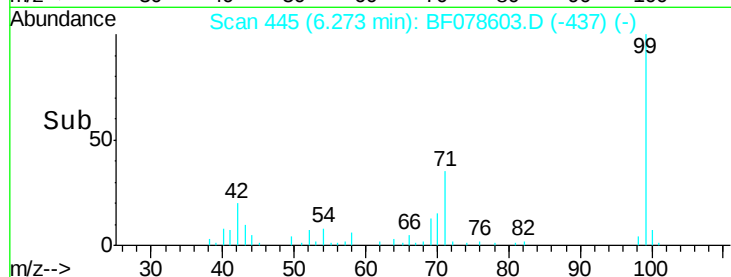
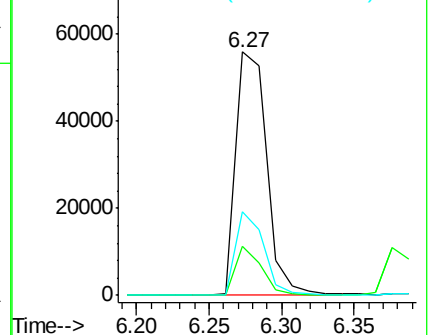
71 34.6 26.6 39.8



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: 8.25 min Scan# 618

Delta R.T. -0.00 min

Lab File: BF078603.D

Acq: 17 Apr 2015 14:11

Tgt Ion: 136 Resp: 132427

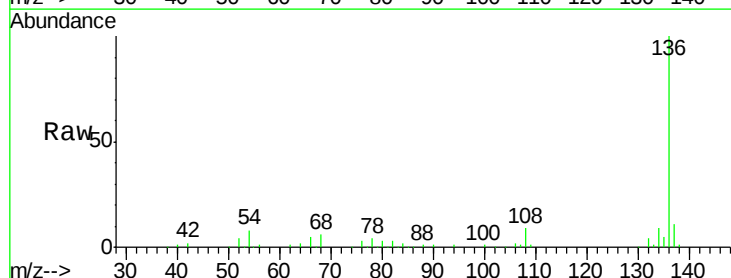
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.4

54 7.8 7.0 10.6

68 5.7 5.4 8.2

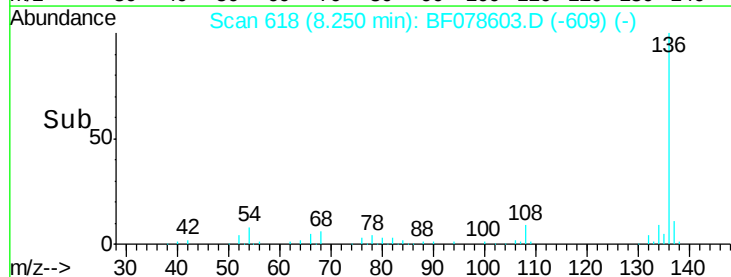
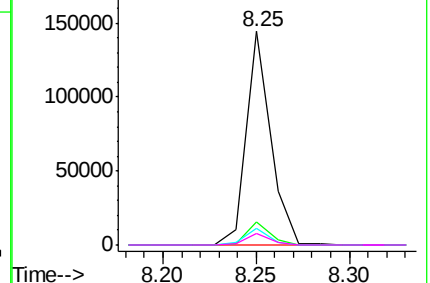


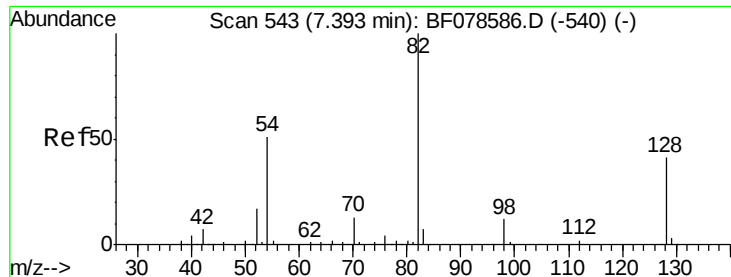
Abundance Ion 136.00 (135.70 to 136.70): E

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

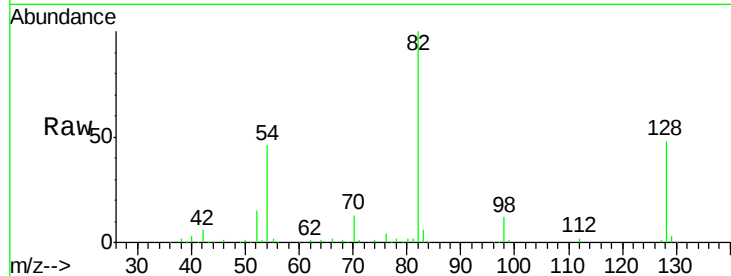




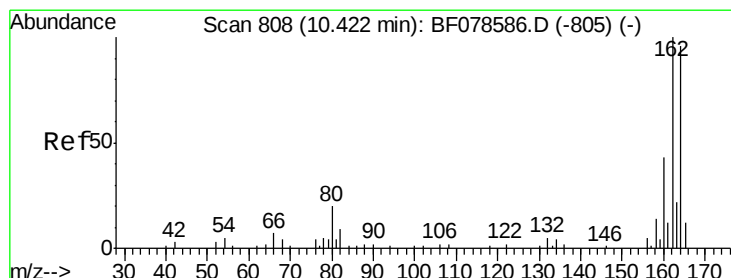
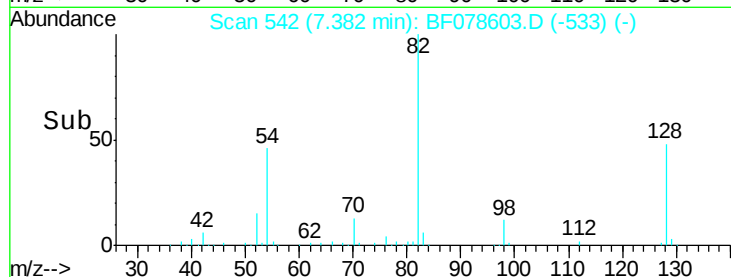
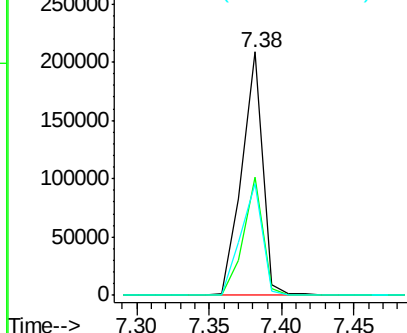
#23
 Nitrobenzene-d5
 Concen: 95.67 ng
 RT: 7.38 min Scan# 542
 Delta R.T. -0.00 min
 Lab File: BF078603.D
 Acq: 17 Apr 2015 14:11

Instrument :
 BNA_F
 ClientSampleId :
 MW-3

Tgt Ion: 82 Resp: 209013
 Ion Ratio Lower Upper
 82 100
 128 48.5 31.8 47.8#
 54 45.9 41.5 62.3

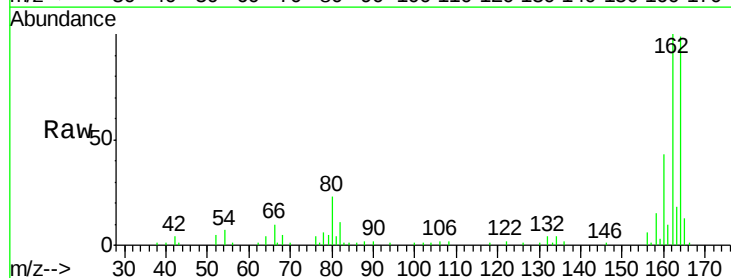


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

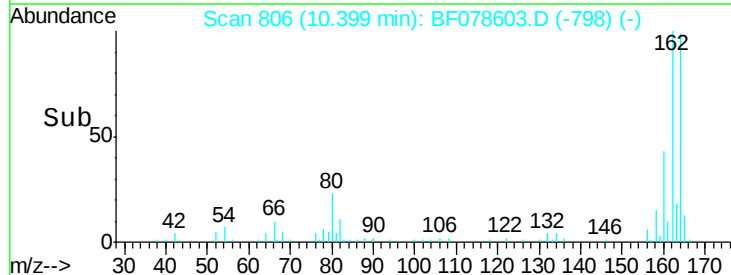
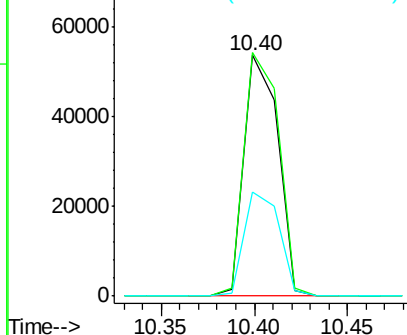


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.40 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BF078603.D
 Acq: 17 Apr 2015 14:11

Tgt Ion: 164 Resp: 68691
 Ion Ratio Lower Upper
 164 100
 162 101.1 82.2 123.2
 160 43.2 34.7 52.1



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

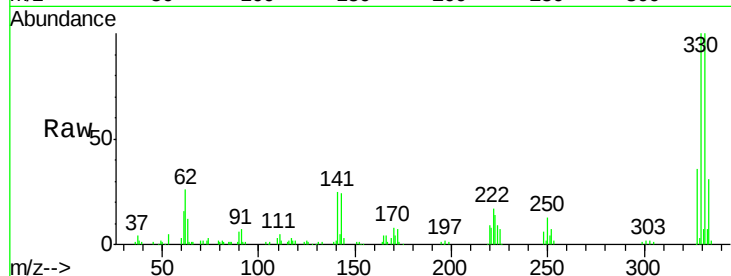




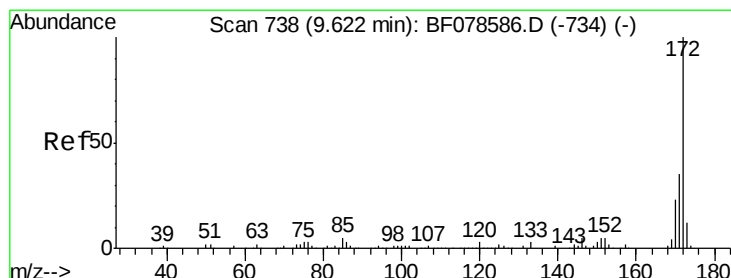
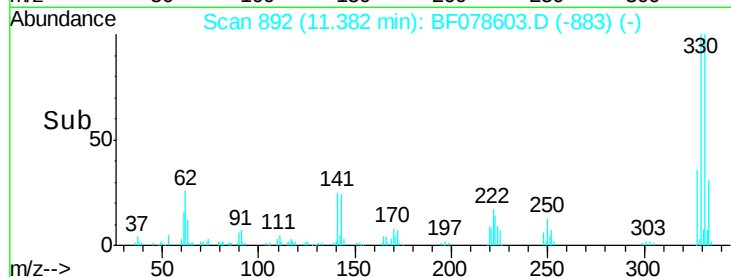
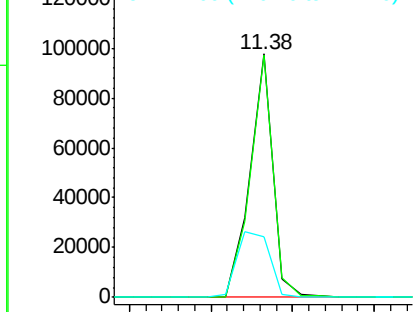
#41
 2,4,6-Tribromophenol
 Concen: 168.09 ng
 RT: 11.38 min Scan# 892
 Delta R.T. -0.00 min
 Lab File: BF078603.D
 Acq: 17 Apr 2015 14:11

Instrument :
 BNA_F
 ClientSampleId :
 MW-3

Tgt Ion:330 Resp: 95762
 Ion Ratio Lower Upper
 330 100
 332 98.7 78.6 117.8
 141 38.0 31.2 46.8

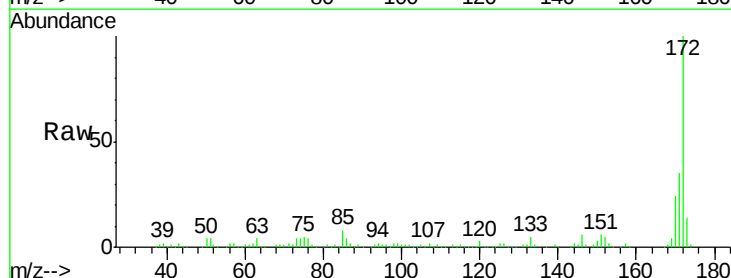


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

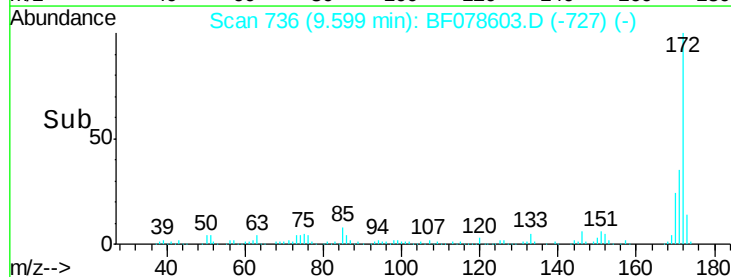
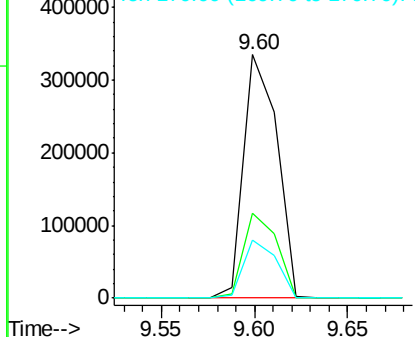


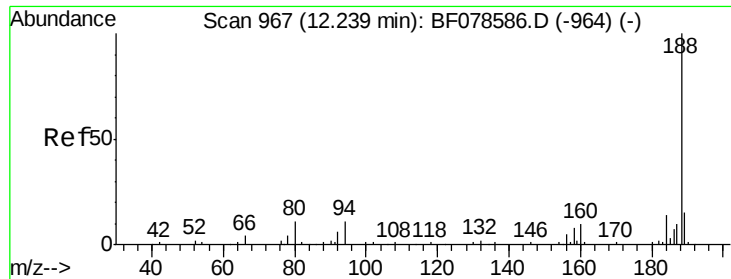
#44
 2-Fluorobiphenyl
 Concen: 87.01 ng
 RT: 9.60 min Scan# 736
 Delta R.T. -0.00 min
 Lab File: BF078603.D
 Acq: 17 Apr 2015 14:11

Tgt Ion:172 Resp: 418140
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.6 42.8
 170 23.9 18.5 27.7



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

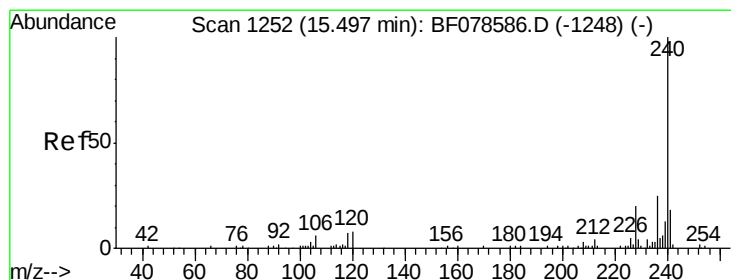
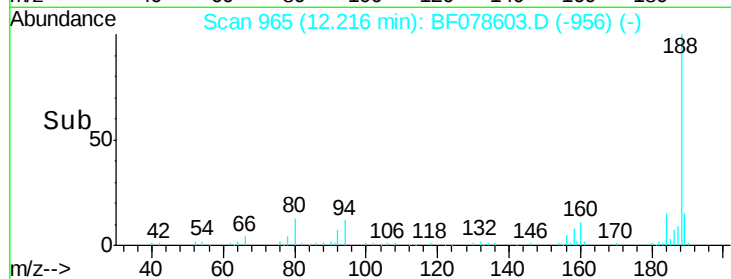
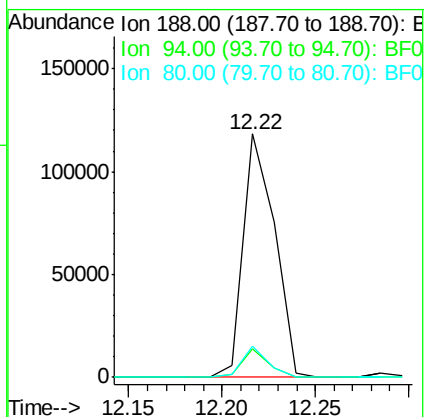
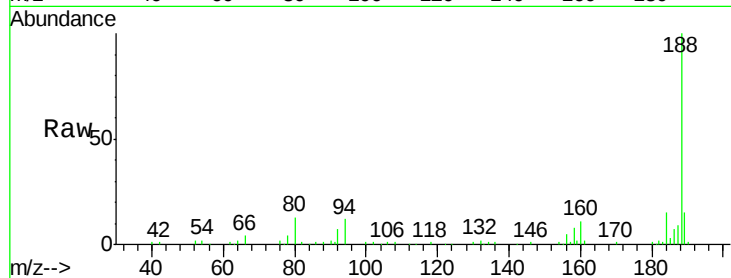




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.22 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: BF078603.D
 Acq: 17 Apr 2015 14:11

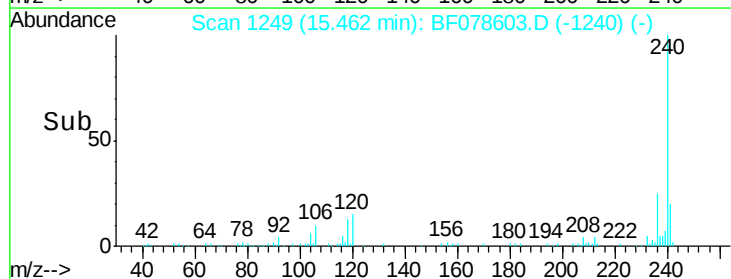
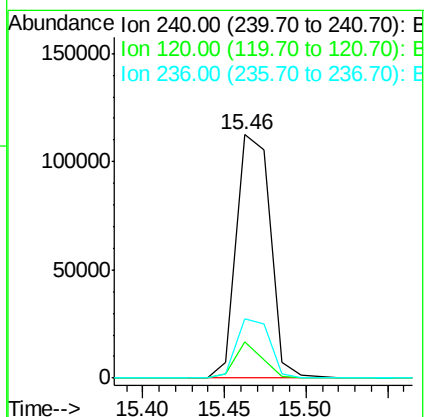
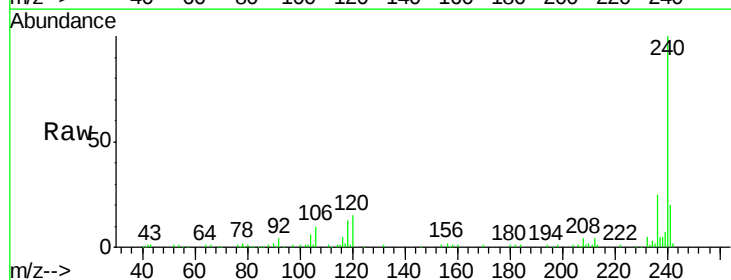
Instrument :
 BNA_F
 ClientSampleId :
 MW-3

Tgt Ion:188 Resp: 138588
 Ion Ratio Lower Upper
 188 100
 94 11.8 9.0 13.4
 80 12.8 9.5 14.3



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.46 min Scan# 1249
 Delta R.T. -0.00 min
 Lab File: BF078603.D
 Acq: 17 Apr 2015 14:11

Tgt Ion:240 Resp: 160703
 Ion Ratio Lower Upper
 240 100
 120 15.0 7.1 10.7#
 236 24.6 21.4 32.2

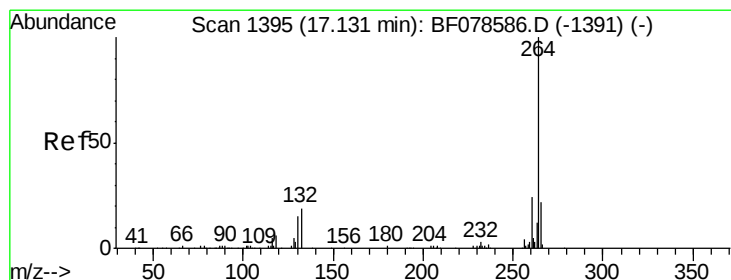
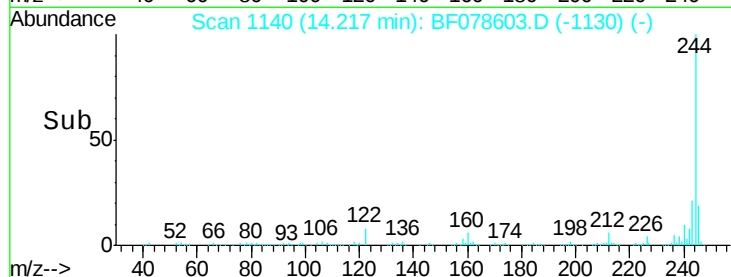
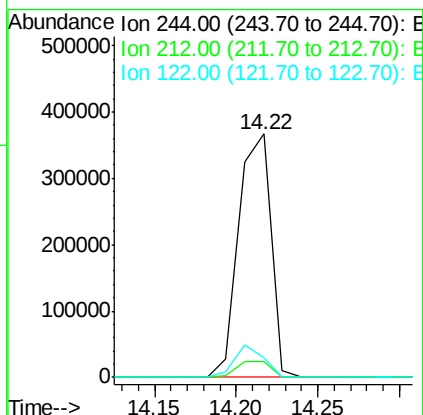
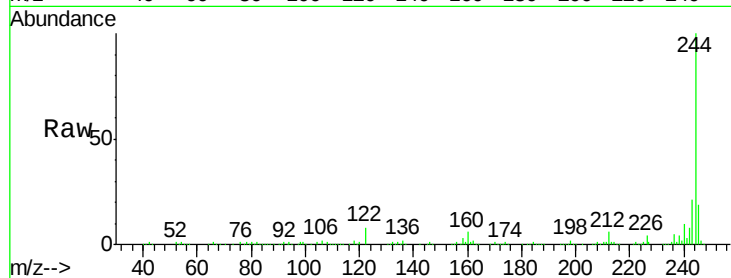




#78
 Terphenyl-d14
 Concen: 70.62 ng
 RT: 14.22 min Scan# 1140
 Delta R.T. 0.01 min
 Lab File: BF078603.D
 Acq: 17 Apr 2015 14:11

Instrument :
 BNA_F
 ClientSampleId :
 MW-3

Tgt Ion:244 Resp: 502223
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.4
 122 7.9 7.1 10.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.20 min Scan# 1401
 Delta R.T. 0.05 min
 Lab File: BF078603.D
 Acq: 17 Apr 2015 14:11

Tgt Ion:264 Resp: 162341
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.6 27.8
 265 21.3 17.0 25.6

