

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042015\
 Data File : BF078659.D
 Acq On : 20 Apr 2015 22:48
 Operator : TP/IZ
 Sample : G1932-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-12

Quant Time: Apr 21 01:28:59 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 21 00:52:21 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.85	152	38834	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	158253	20.00	ng	0.00
38) Acenaphthene-d10	11.21	164	79873	20.00	ng	0.00
63) Phenanthrene-d10	13.94	188	154361	20.00	ng	0.00
75) Chrysene-d12	17.79	240	152443	20.00	ng	-0.01
86) Perylene-d12	19.49	264	150843	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	3.87	112	125925	53.46	ng	0.00
7) Phenol-d6	5.36	99	103230	34.97	ng	0.00
23) Nitrobenzene-d5	6.80	82	202032	77.38	ng	0.00
41) 2,4,6-Tribromophenol	12.69	330	93134	140.59	ng	0.00
44) 2-Fluorobiphenyl	10.03	172	439542	78.66	ng	0.00
78) Terphenyl-d14	16.47	244	480452	71.22	ng	0.00

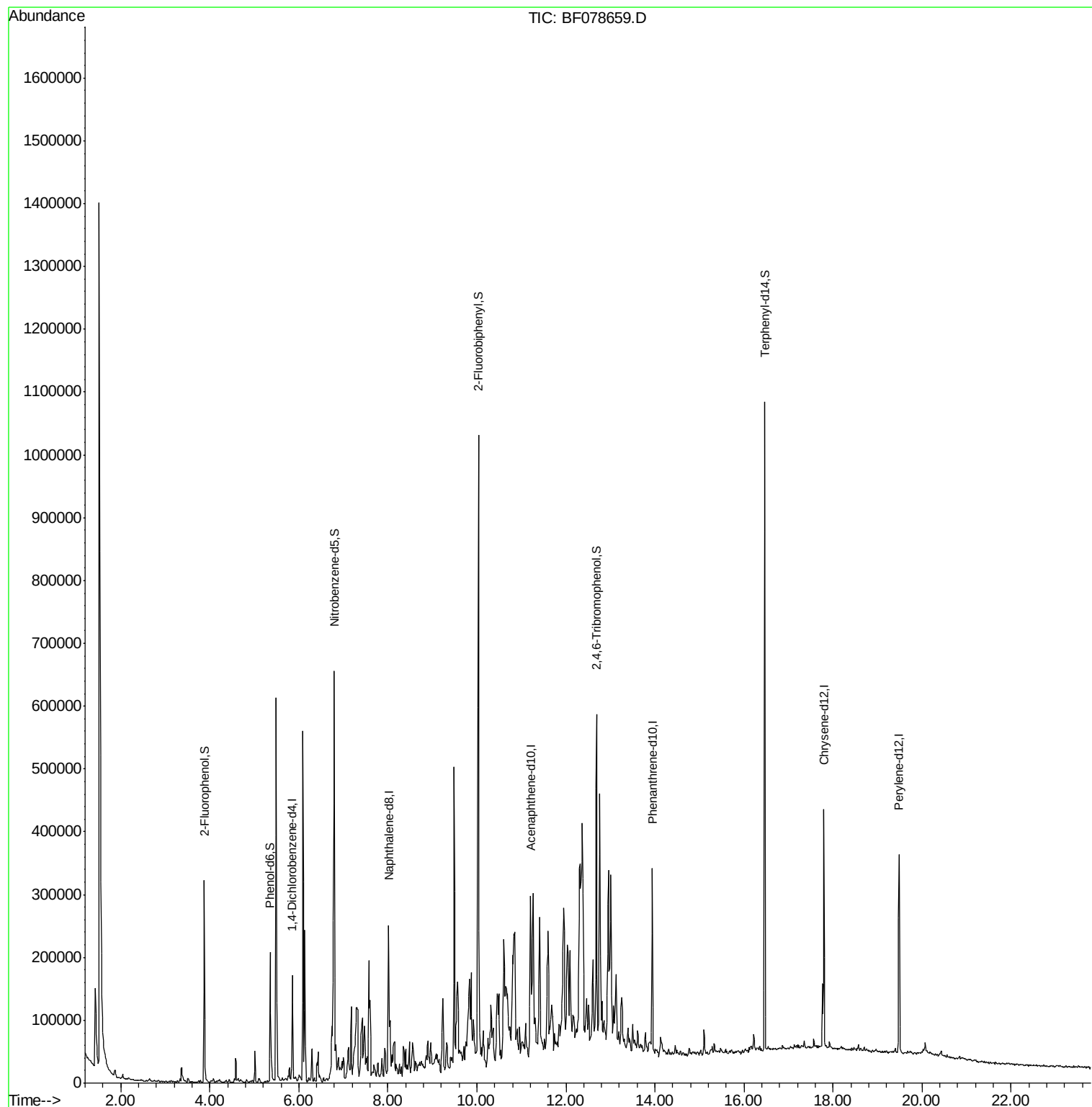
Target Compounds Qvalue

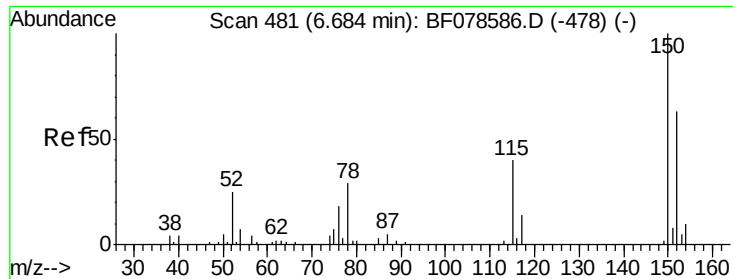
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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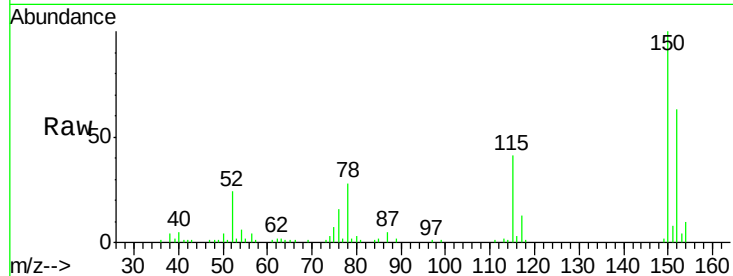


#1

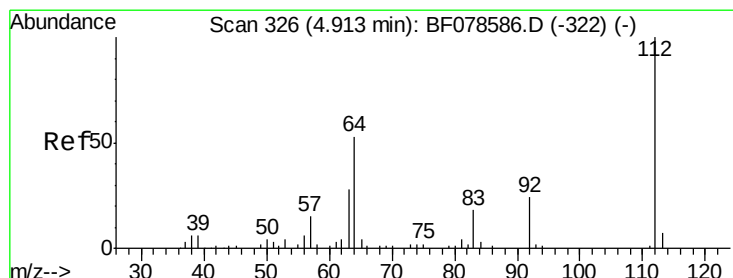
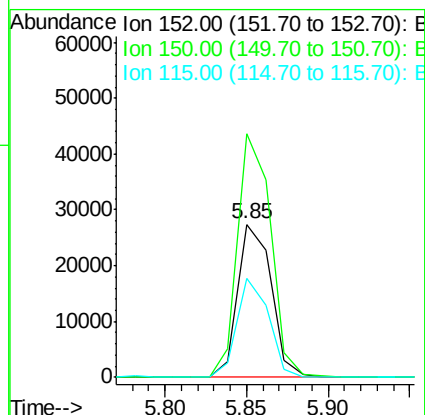
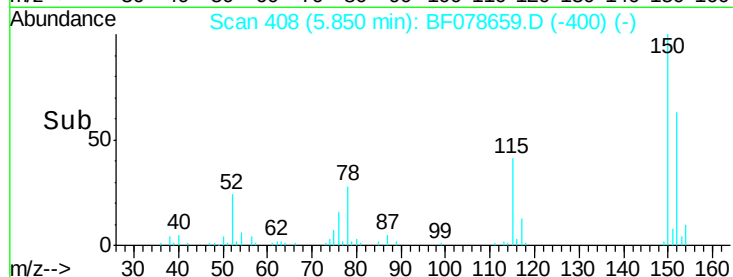
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.85 min Scan# 408
Delta R.T. -0.01 min
Lab File: BF078659.D
Acq: 20 Apr 2015 22:48

Instrument :
BNA_F
ClientSampled :
MW-12

Tot Ion:152 Resp: 38834
Ion Ratio Lower Upper
152 100
150 159.1 125.9 188.9
115 64.6 52.7 79.1



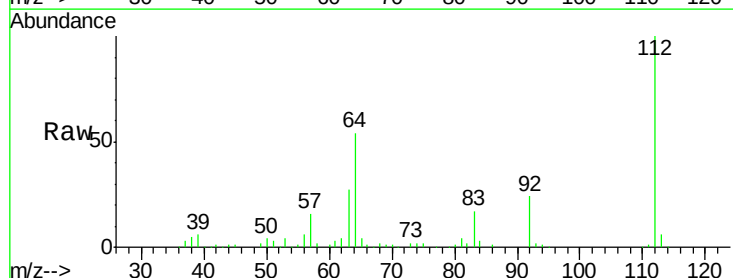
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



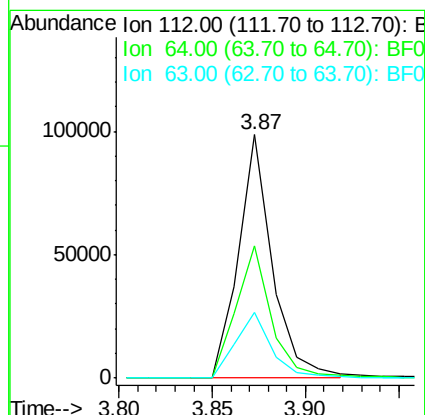
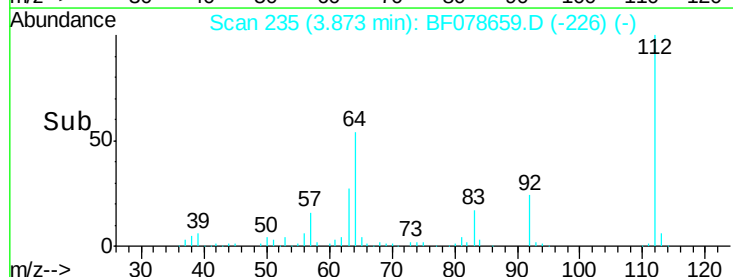
#5

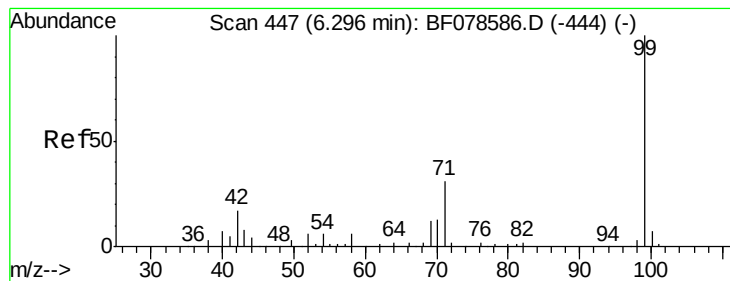
2-Fluorophenol
Concen: 53.46 ng
RT: 3.87 min Scan# 235
Delta R.T. 0.00 min
Lab File: BF078659.D
Acq: 20 Apr 2015 22:48

Tgt Ion:112 Resp: 125925
Ion Ratio Lower Upper
112 100
64 54.3 39.9 59.9
63 27.2 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: 34.97 ng

RT: 5.36 min Scan# 365

Delta R.T. 0.00 min

Lab File: BF078659.D

Acq: 20 Apr 2015 22:48

Instrument :

BNA_F

ClientSampleId :

MW-12

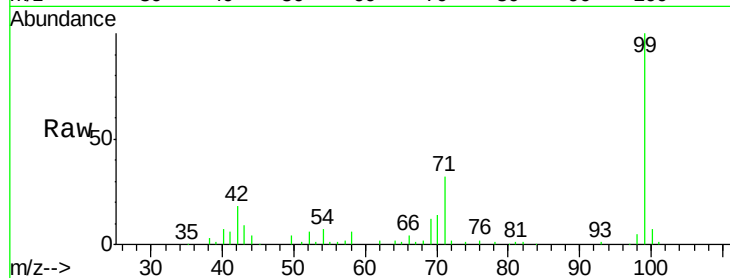
Tot Ion: 99 Resp: 103230

Ion Ratio Lower Upper

99 100

42 17.9 14.8 22.2

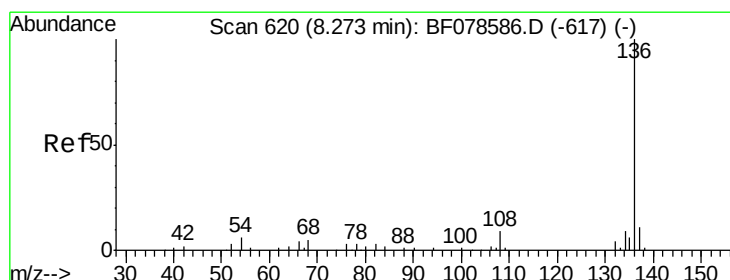
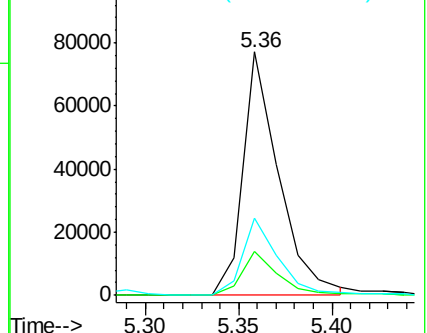
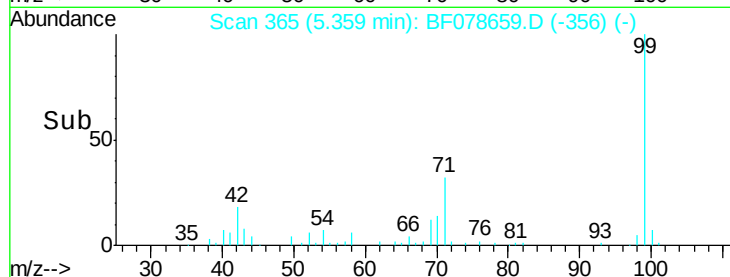
71 31.8 26.6 39.8



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: 8.02 min Scan# 598

Delta R.T. 0.00 min

Lab File: BF078659.D

Acq: 20 Apr 2015 22:48

Tgt Ion: 136 Resp: 158253

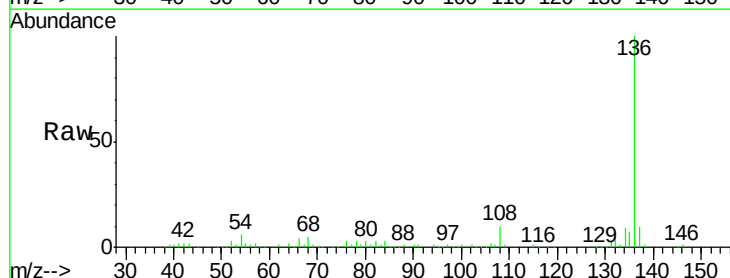
Ion Ratio Lower Upper

136 100

137 10.3 9.0 13.4

54 6.3 7.0 10.6#

68 5.0 5.4 8.2#

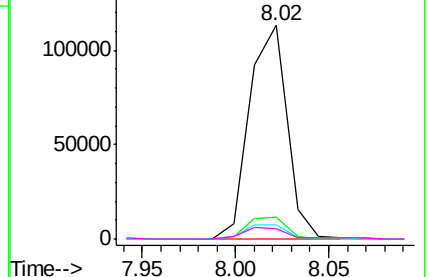
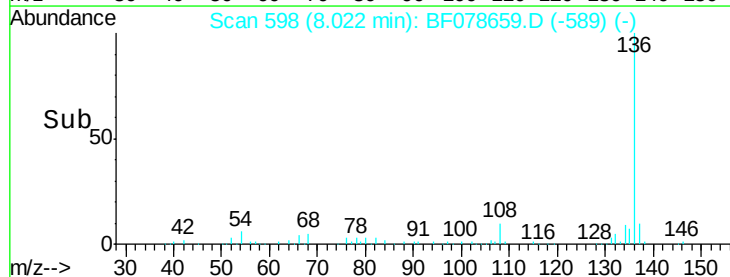


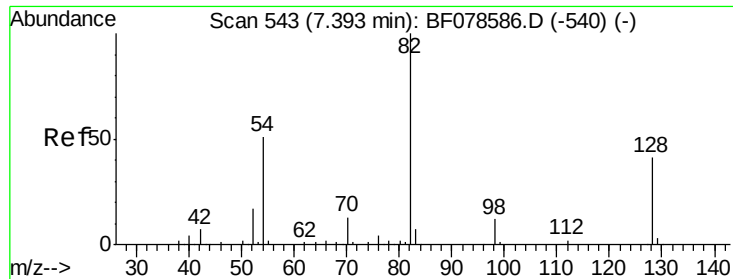
Abundance Ion 136.00 (135.70 to 136.70): E

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

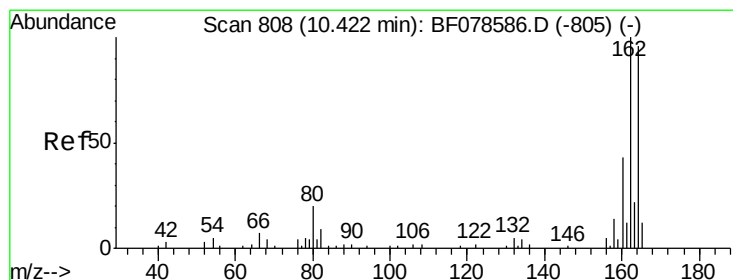
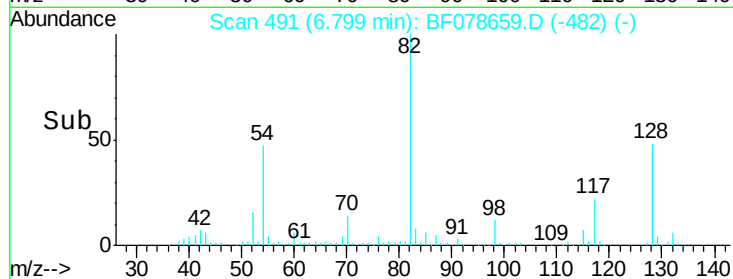
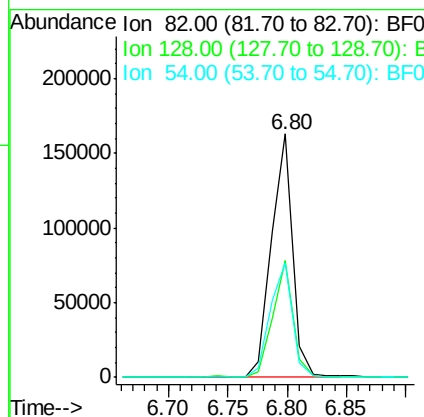
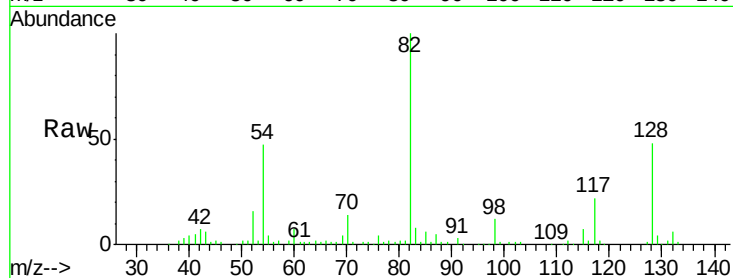




#23
Nitrobenzene-d5
Concen: 77.38 ng
RT: 6.80 min Scan# 491
Delta R.T. 0.00 min
Lab File: BF078659.D
Acq: 20 Apr 2015 22:48

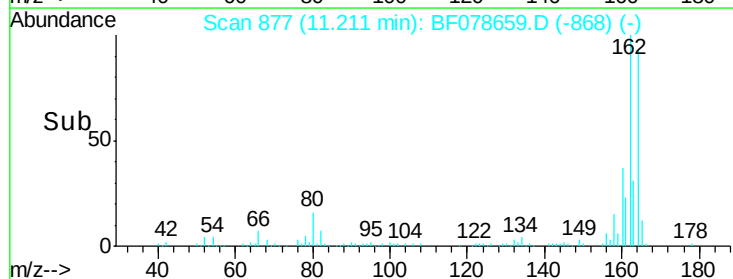
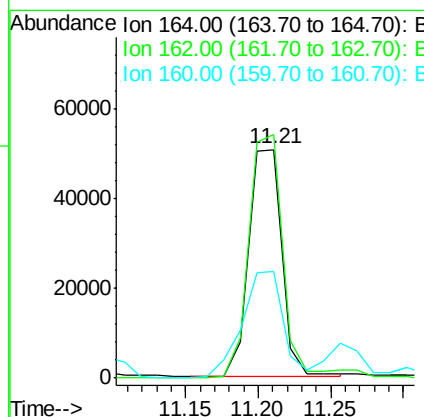
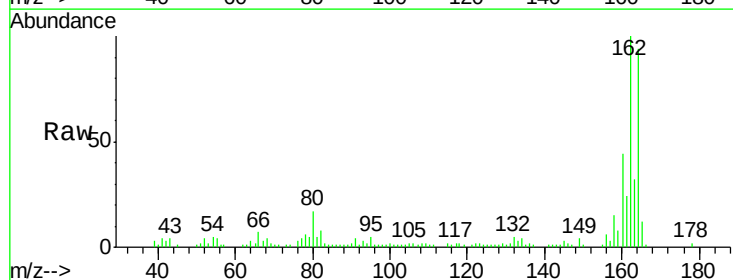
Instrument :
BNA_F
ClientSampleId :
MW-12

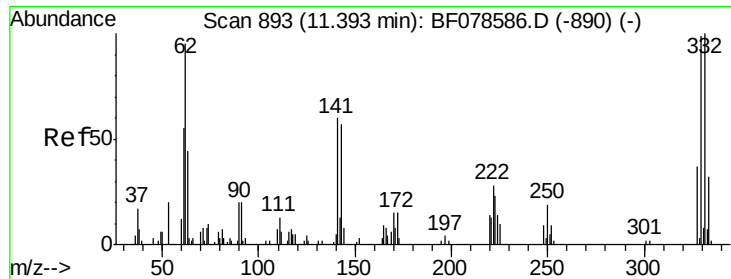
Tot Ion: 82 Resp: 202032
Ion Ratio Lower Upper
82 100
128 47.8 31.8 47.8#
54 46.8 41.5 62.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 877
Delta R.T. 0.00 min
Lab File: BF078659.D
Acq: 20 Apr 2015 22:48

Tgt Ion:164 Resp: 79873
Ion Ratio Lower Upper
164 100
162 106.5 82.2 123.2
160 46.6 34.7 52.1

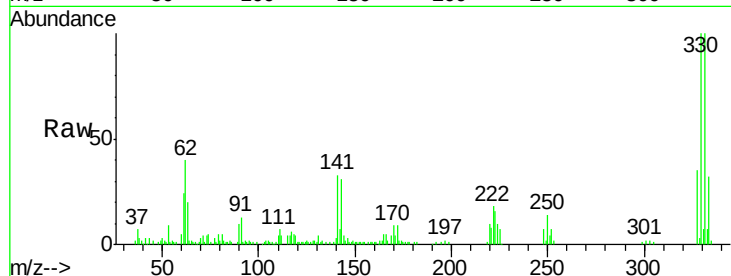




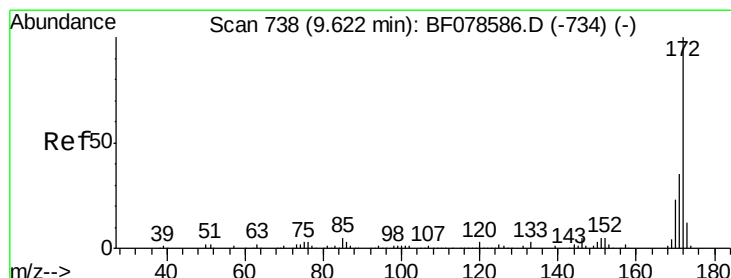
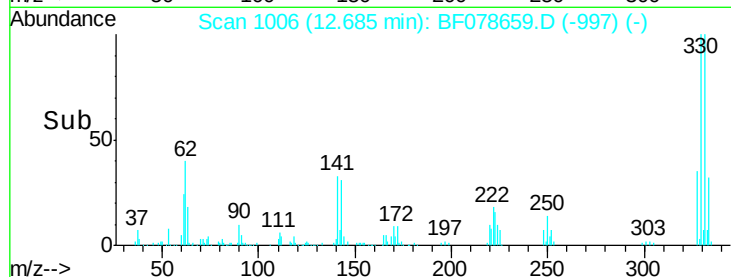
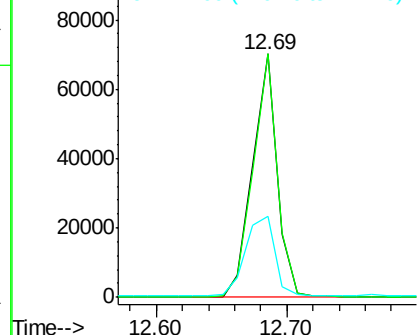
#41
 2,4,6-Tribromophenol
 Concen: 140.59 ng
 RT: 12.69 min Scan# 1006
 Delta R.T. 0.00 min
 Lab File: BF078659.D
 Acq: 20 Apr 2015 22:48

Instrument :
 BNA_F
 ClientSampleId :
 MW-12

Tot Ion:330 Resp: 93134
 Ion Ratio Lower Upper
 330 100
 332 98.4 78.6 117.8
 141 39.2 31.2 46.8

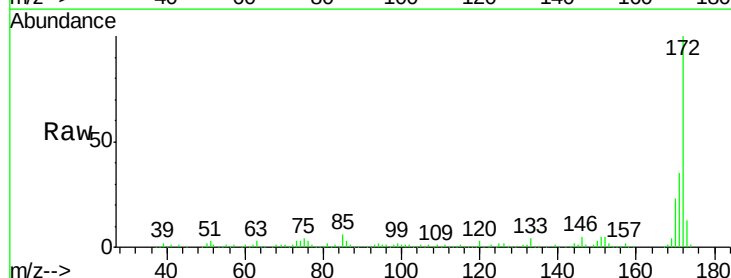


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

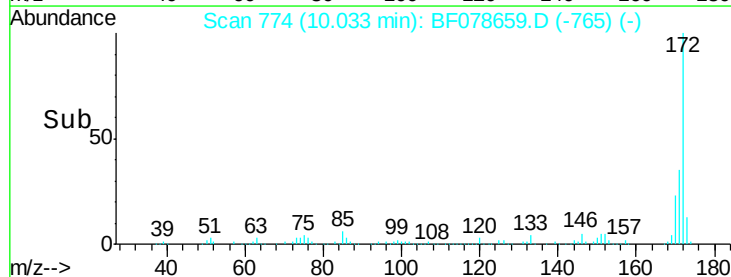
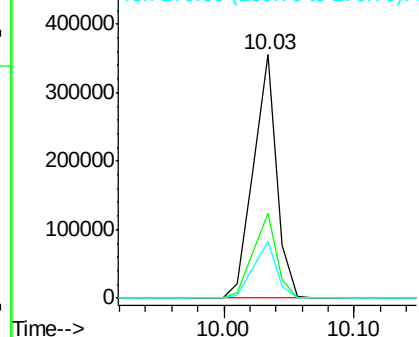


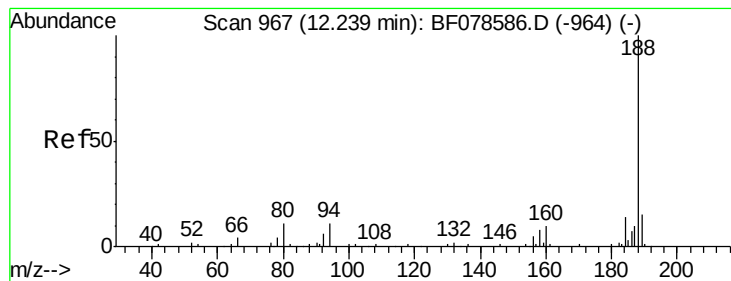
#44
 2-Fluorobiphenyl
 Concen: 78.66 ng
 RT: 10.03 min Scan# 774
 Delta R.T. 0.00 min
 Lab File: BF078659.D
 Acq: 20 Apr 2015 22:48

Tgt Ion:172 Resp: 439542
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.6 42.8
 170 23.2 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: 13.94 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BF078659.D

Acq: 20 Apr 2015 22:48

Instrument :

BNA_F

ClientSampleId :

MW-12

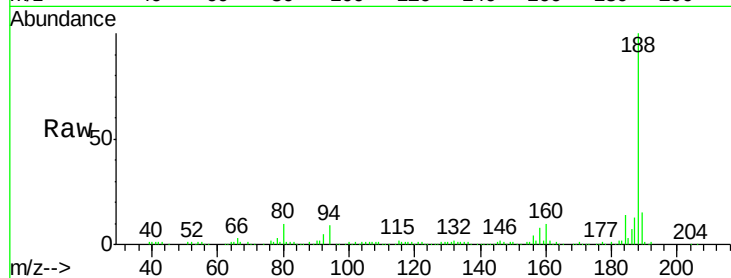
Tot Ion:188 Resp: 154361

Ion Ratio Lower Upper

188 100

94 8.9 9.0 13.4#

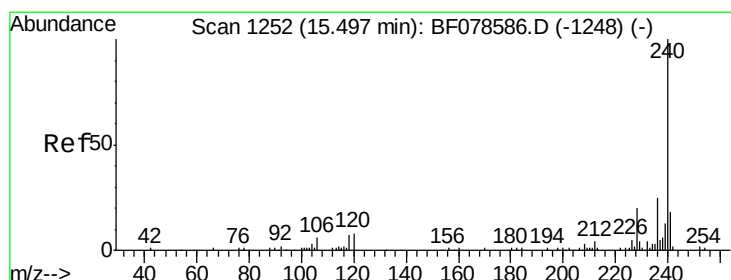
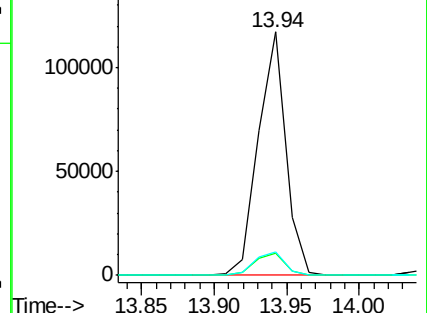
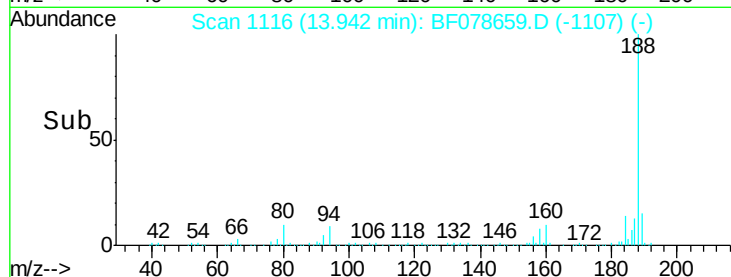
80 9.8 9.5 14.3



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: 17.79 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF078659.D

Acq: 20 Apr 2015 22:48

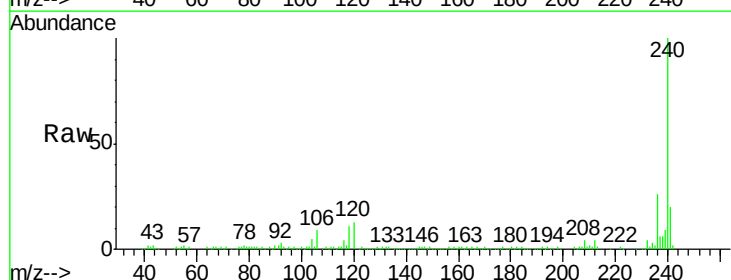
Tgt Ion:240 Resp: 152443

Ion Ratio Lower Upper

240 100

120 12.7 7.1 10.7#

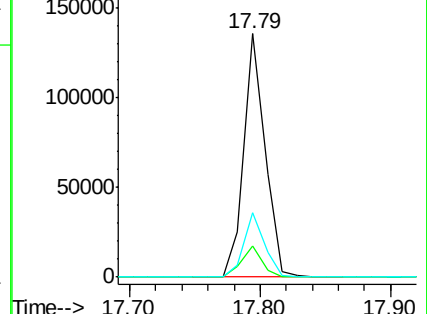
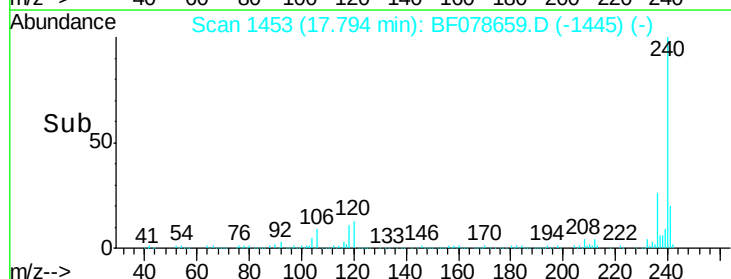
236 26.2 21.4 32.2

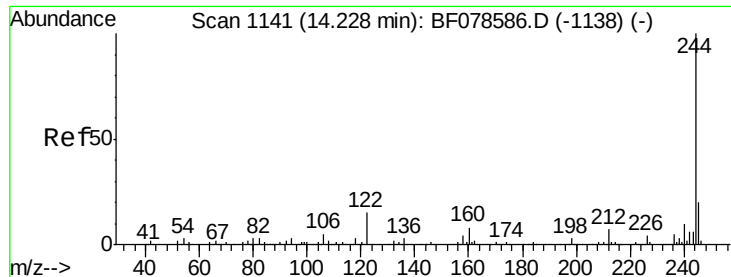


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 71.22 ng

RT: 16.47 min Scan# 1337

Delta R.T. 0.00 min

Lab File: BF078659.D

Acq: 20 Apr 2015 22:48

Instrument :

BNA_F

ClientSampleId :

MW-12

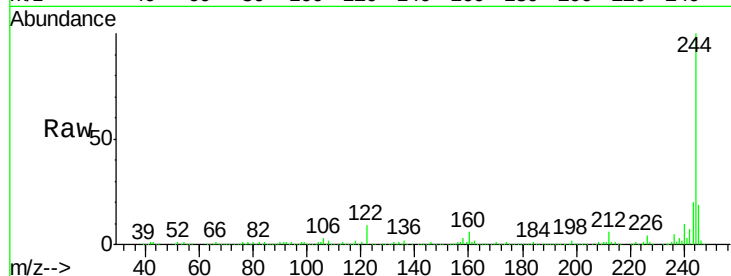
Tot Ion:244 Resp: 480452

Ion Ratio Lower Upper

244 100

212 6.4 5.0 7.4

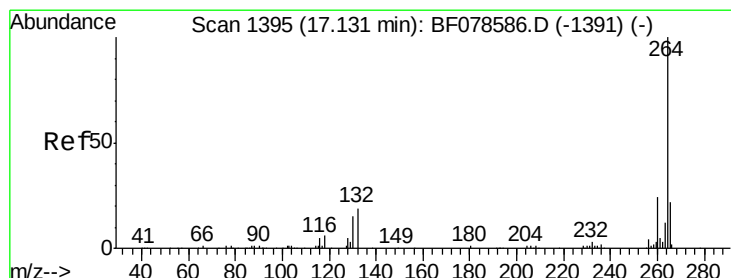
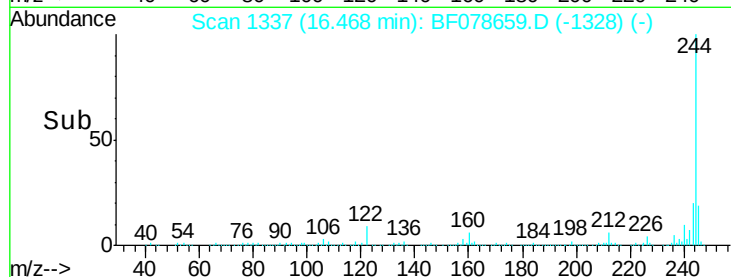
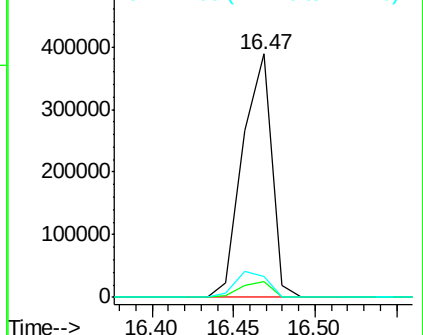
122 8.6 7.1 10.7



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: 19.49 min Scan# 1601

Delta R.T. -0.05 min

Lab File: BF078659.D

Acq: 20 Apr 2015 22:48

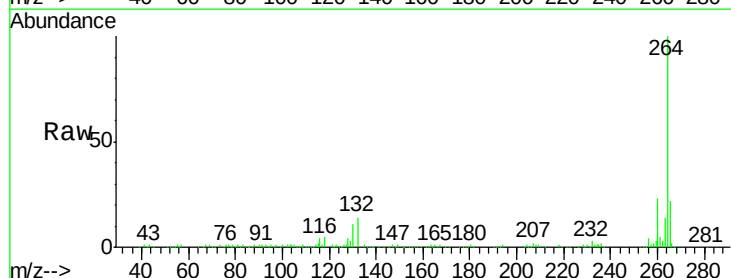
Tgt Ion:264 Resp: 150843

Ion Ratio Lower Upper

264 100

260 23.1 18.6 27.8

265 21.5 17.0 25.6



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

