

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042315\
 Data File : BF078778.D
 Acq On : 24 Apr 2015 8:57
 Operator : TP/IZ
 Sample : G1988-08
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-17

Quant Time: Apr 24 12:40:23 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 08:49:33 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.76	152	26648	20.00	ng	-0.02
21) Naphthalene-d8	7.92	136	108205	20.00	ng	-0.02
38) Acenaphthene-d10	11.10	164	56853	20.00	ng	-0.03
63) Phenanthrene-d10	13.83	188	108997	20.00	ng	-0.03
75) Chrysene-d12	17.71	240	122098	20.00	ng	-0.02
86) Perylene-d12	19.45	264	121040	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	3.78	112	85963	53.19	ng	-0.01
7) Phenol-d6	5.28	99	67513	33.33	ng	-0.01
23) Nitrobenzene-d5	6.70	82	140701	78.82	ng	-0.03
41) 2,4,6-Tribromophenol	12.58	330	60260	127.80	ng	-0.02
44) 2-Fluorobiphenyl	9.93	172	301233	75.74	ng	-0.03
78) Terphenyl-d14	16.38	244	256699	47.51	ng	-0.02

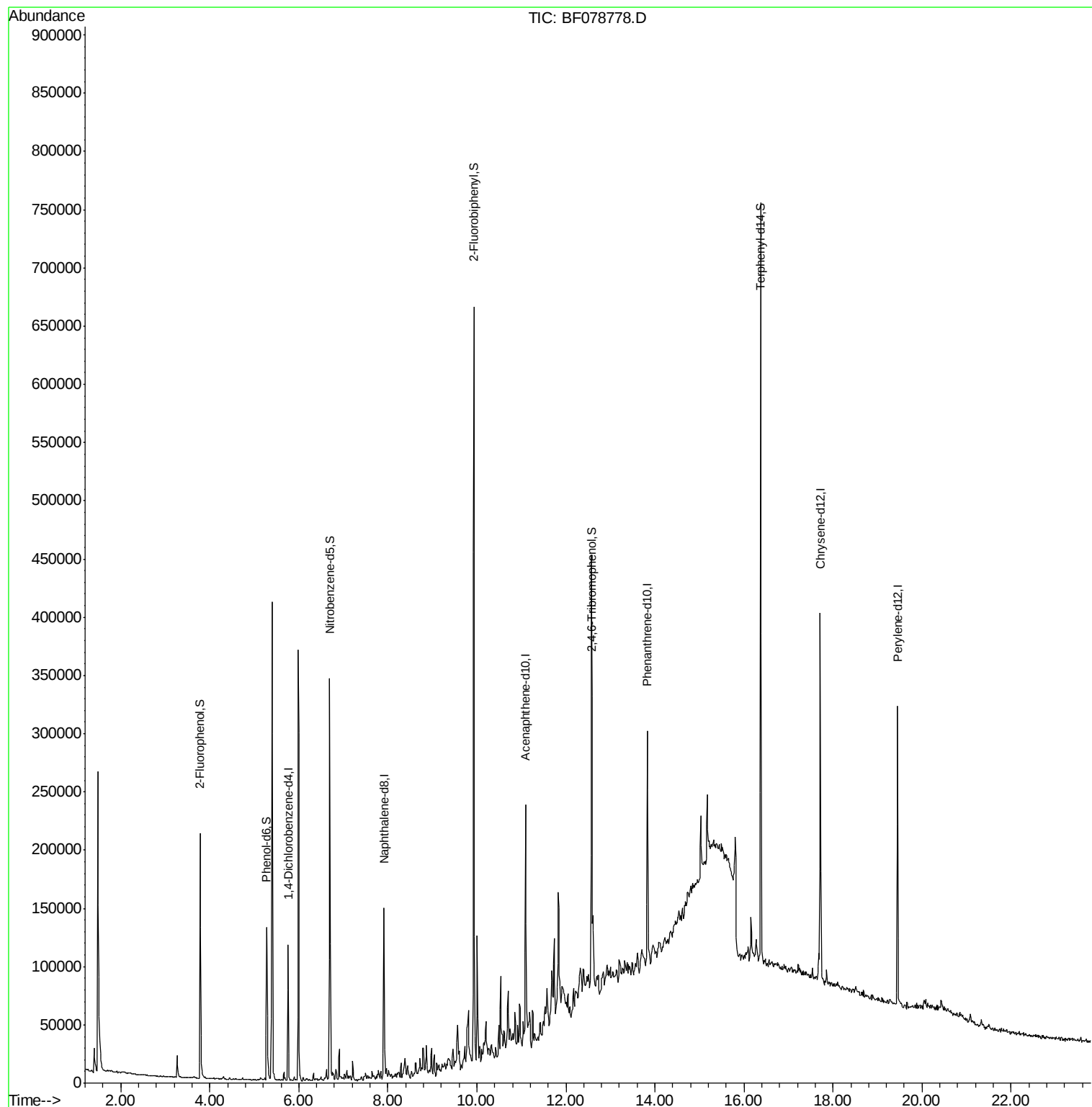
Target Compounds Qvalue

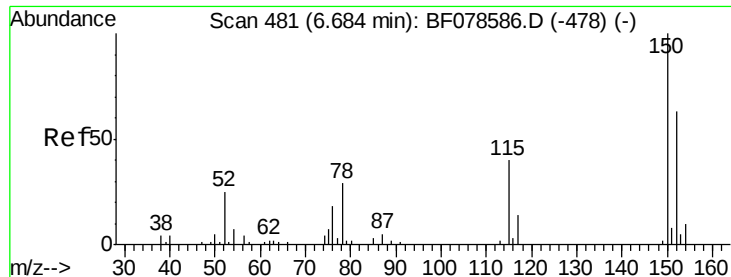
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.76 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF078778.D

Acq: 24 Apr 2015 8:57

Instrument :

BNA_F

ClientSampleId :

MW-17

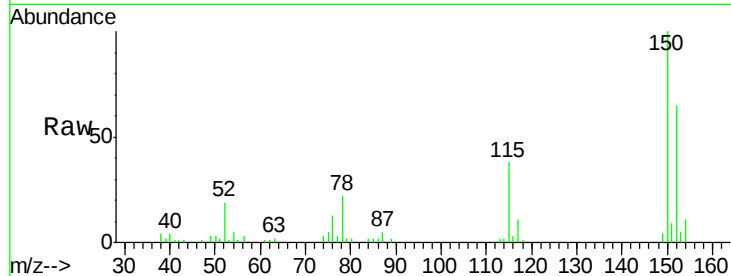
Tot Ion:152 Resp: 26648

Ion Ratio Lower Upper

152 100

150 153.3 125.9 188.9

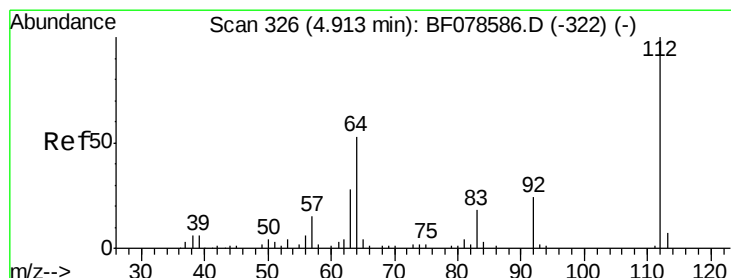
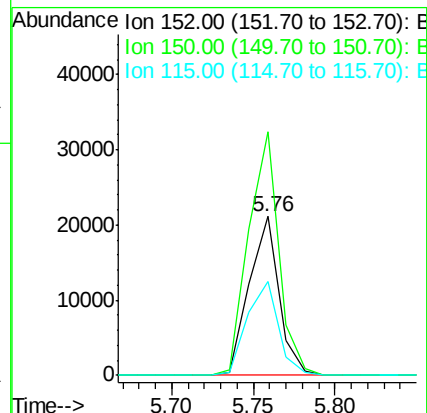
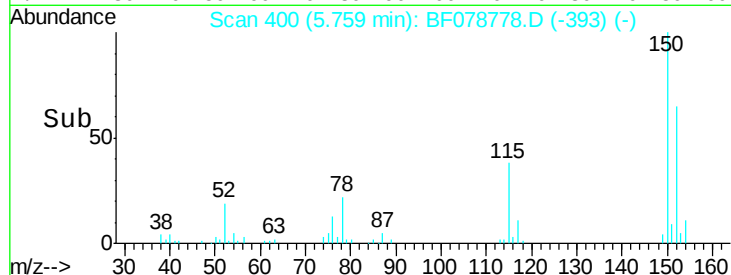
115 59.0 52.7 79.1



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: 53.19 ng

RT: 3.78 min Scan# 227

Delta R.T. -0.01 min

Lab File: BF078778.D

Acq: 24 Apr 2015 8:57

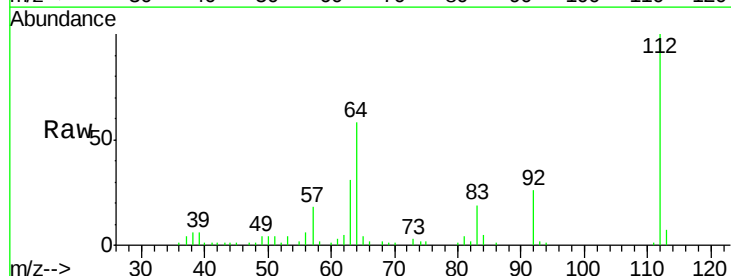
Tgt Ion:112 Resp: 85963

Ion Ratio Lower Upper

112 100

64 58.0 39.9 59.9

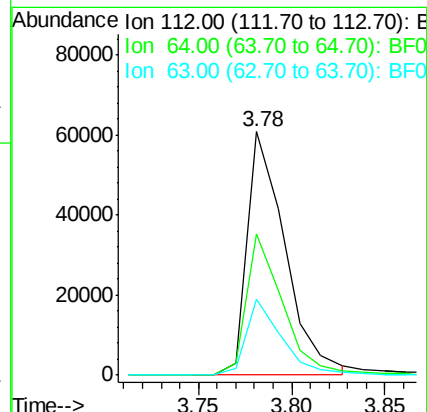
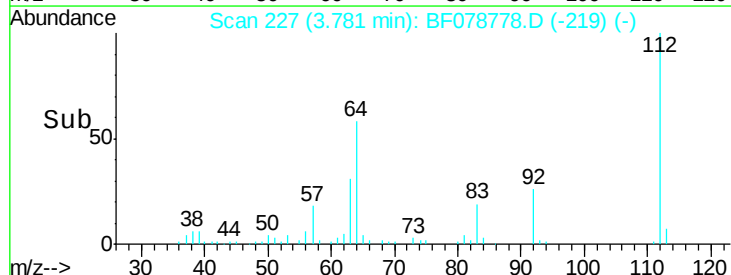
63 31.2 20.2 30.4#

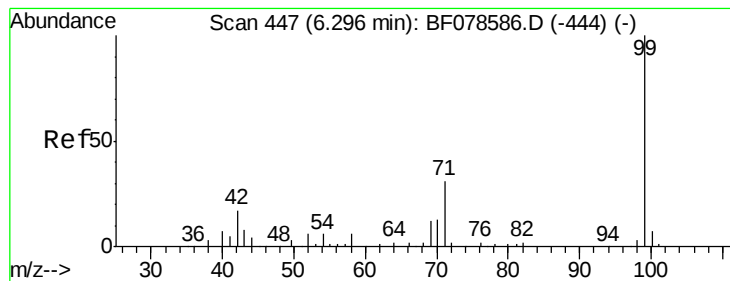


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 33.33 ng

RT: 5.28 min Scan# 358

Delta R.T. -0.01 min

Lab File: BF078778.D

Acq: 24 Apr 2015 8:57

Instrument :

BNA_F

ClientSampleId :

MW-17

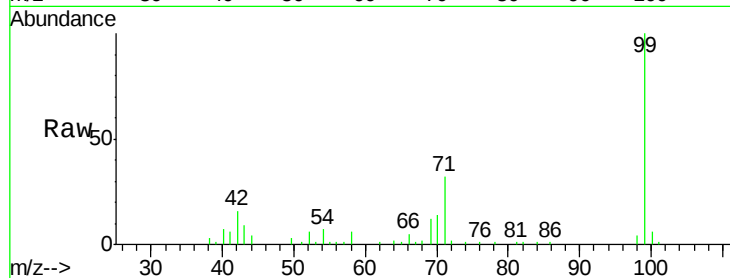
Tot Ion: 99 Resp: 67513

Ion Ratio Lower Upper

99 100

42 16.5 14.8 22.2

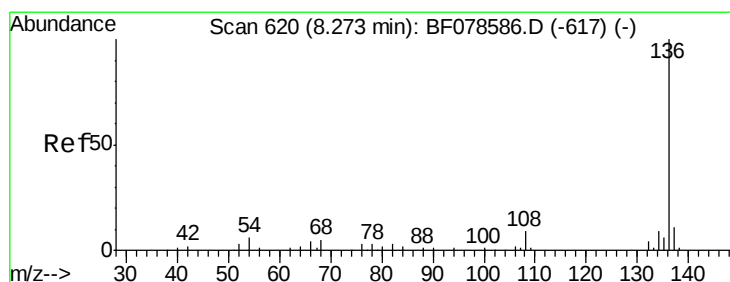
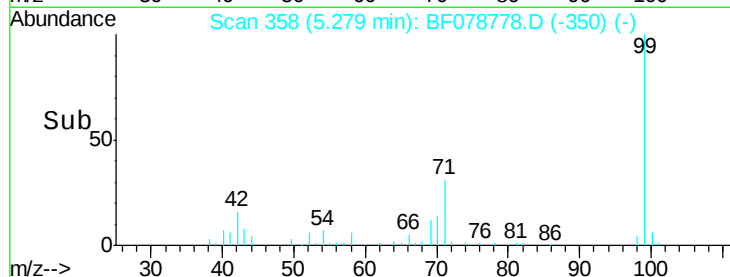
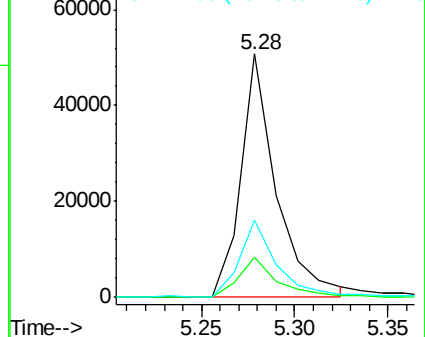
71 31.9 26.6 39.8



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: 7.92 min Scan# 589

Delta R.T. -0.02 min

Lab File: BF078778.D

Acq: 24 Apr 2015 8:57

Tgt Ion: 136 Resp: 108205

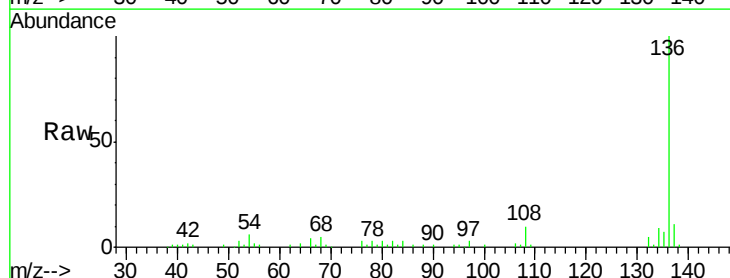
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.4

54 6.3 7.0 10.6#

68 4.9 5.4 8.2#

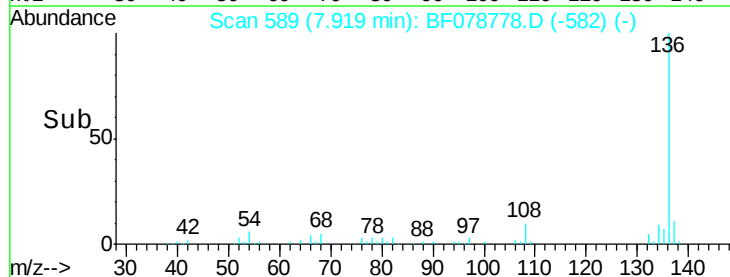
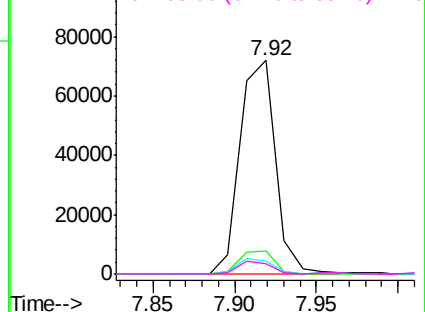


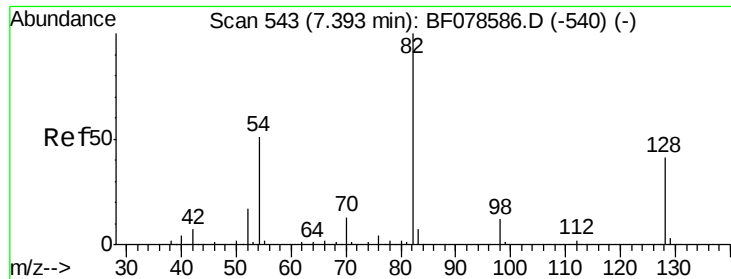
Abundance Ion 136.00 (135.70 to 136.70): E

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

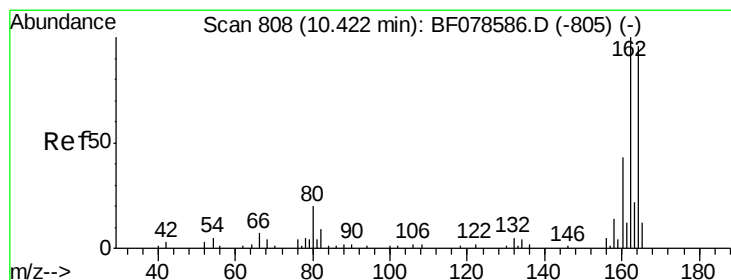
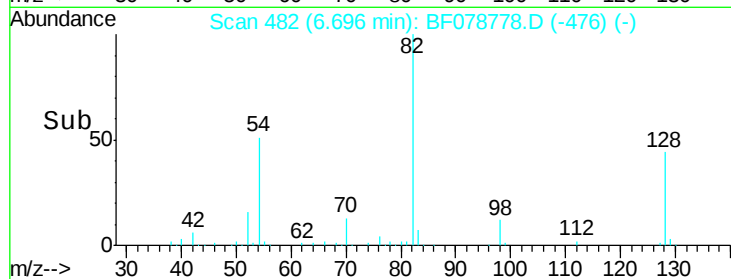
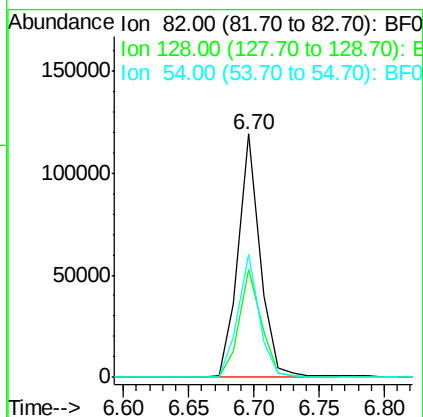
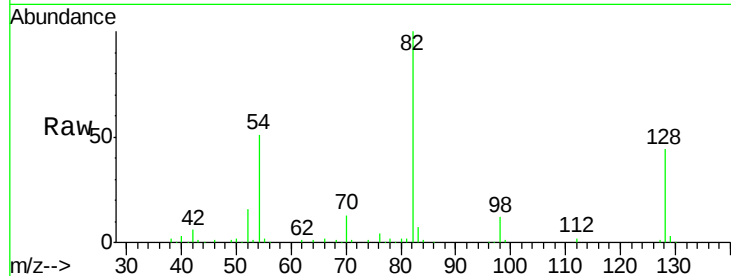




#23
Nitrobenzene-d5
Concen: 78.82 ng
RT: 6.70 min Scan# 482
Delta R.T. -0.03 min
Lab File: BF078778.D
Acq: 24 Apr 2015 8:57

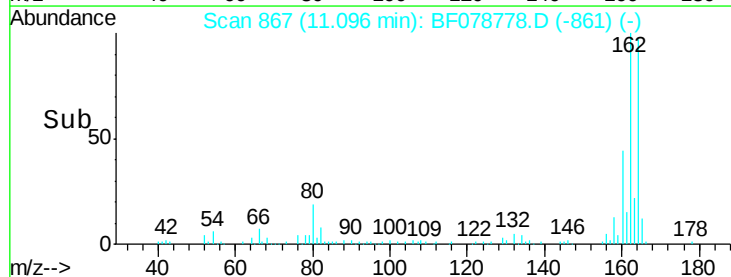
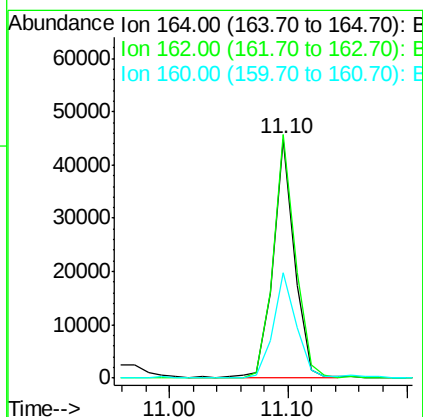
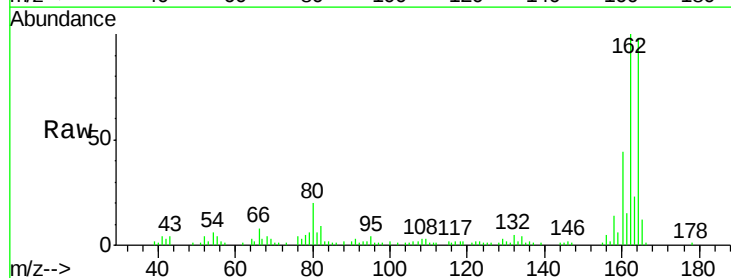
Instrument :
BNA_F
ClientSampleId :
MW-17

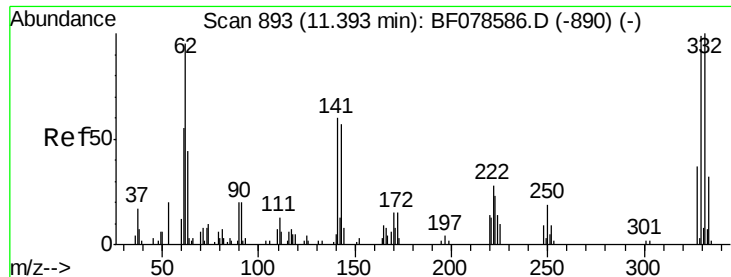
Tot Ion	82	Resp	140701
Ion Ratio	Lower	Upper	
82	100		
128	44.3	31.8	47.8
54	50.9	41.5	62.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 867
Delta R.T. -0.03 min
Lab File: BF078778.D
Acq: 24 Apr 2015 8:57

Tgt Ion	164	Resp	56853
Ion Ratio	Lower	Upper	
164	100		
162	101.9	82.2	123.2
160	44.3	34.7	52.1

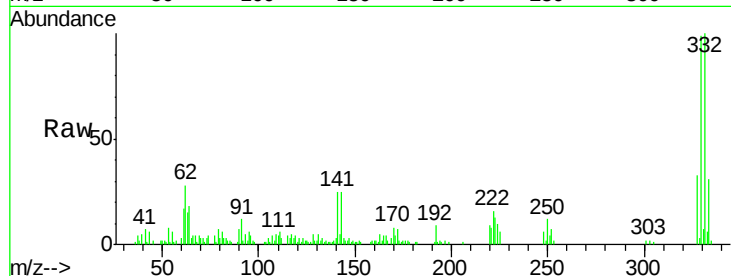




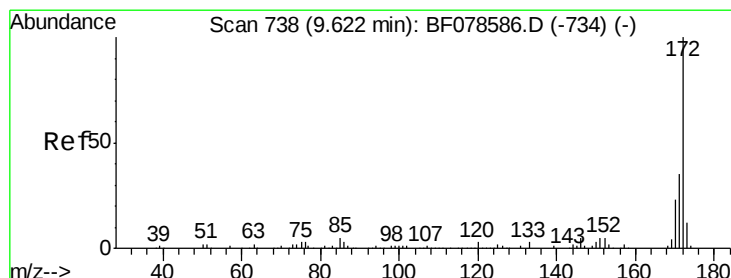
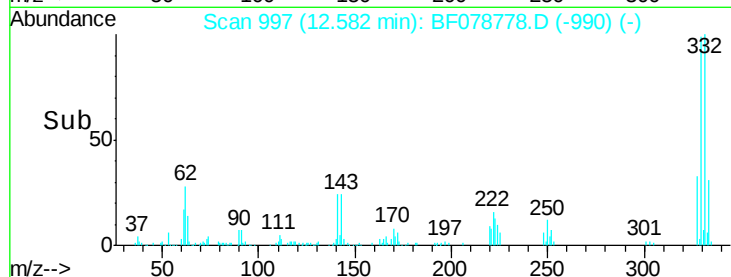
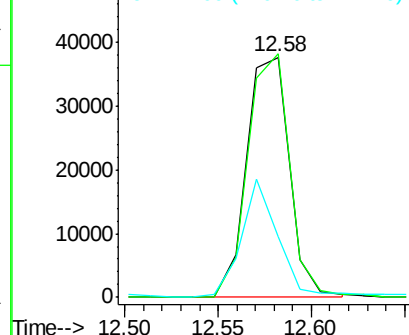
#41
 2,4,6-Tribromophenol
 Concen: 127.80 ng
 RT: 12.58 min Scan# 997
 Delta R.T. -0.02 min
 Lab File: BF078778.D
 Acq: 24 Apr 2015 8:57

Instrument :
 BNA_F
 ClientSampled :
 MW-17

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.2	78.6	117.8
141	42.3	31.2	46.8

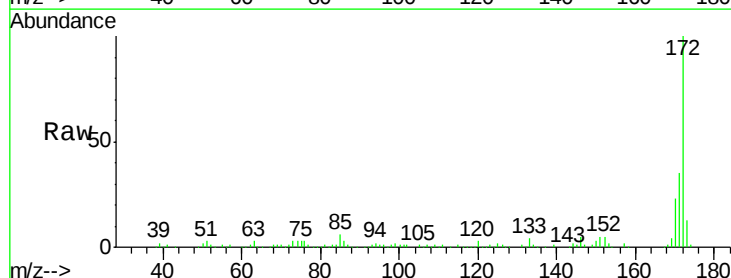


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

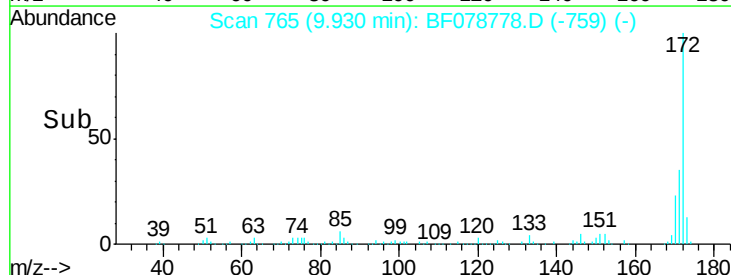
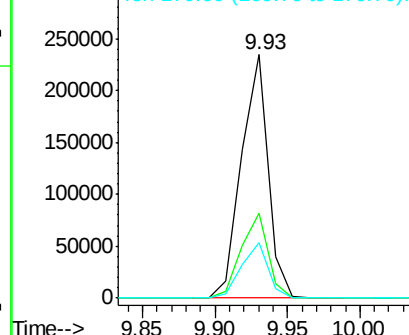


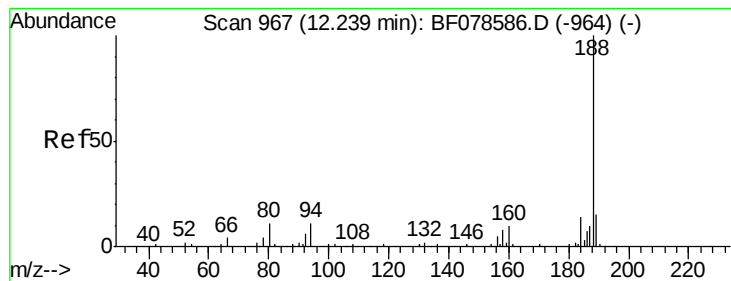
#44
 2-Fluorobiphenyl
 Concen: 75.74 ng
 RT: 9.93 min Scan# 765
 Delta R.T. -0.03 min
 Lab File: BF078778.D
 Acq: 24 Apr 2015 8:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.6	42.8
170	22.8	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: 13.83 min Scan# 1106

Delta R.T. -0.03 min

Lab File: BF078778.D

Acq: 24 Apr 2015 8:57

Instrument :

BNA_F

ClientSampleId :

MW-17

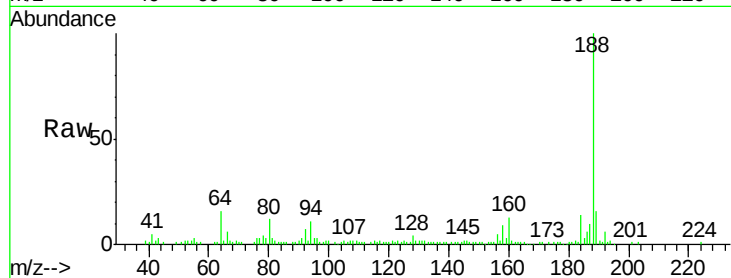
Tot Ion:188 Resp: 108997

Ion Ratio Lower Upper

188 100

94 11.0 9.0 13.4

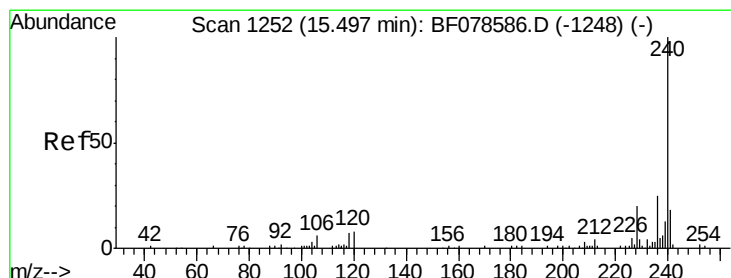
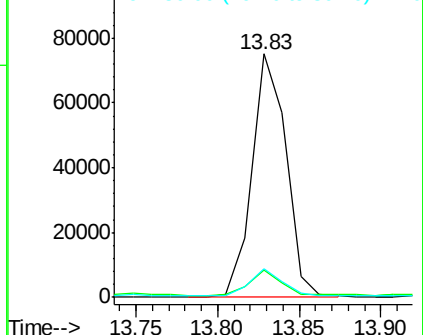
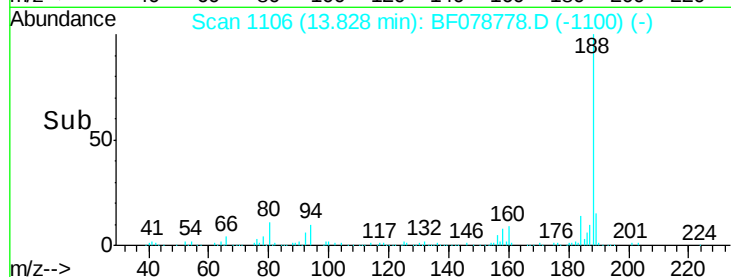
80 11.9 9.5 14.3



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: 17.71 min Scan# 1446

Delta R.T. -0.02 min

Lab File: BF078778.D

Acq: 24 Apr 2015 8:57

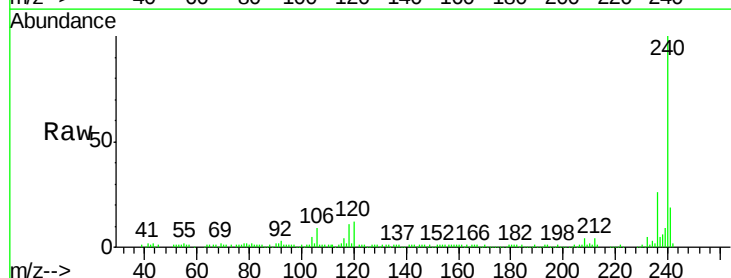
Tgt Ion:240 Resp: 122098

Ion Ratio Lower Upper

240 100

120 12.3 7.1 10.7#

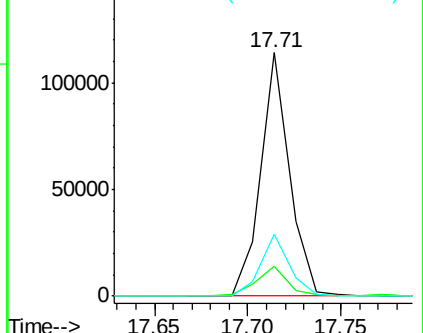
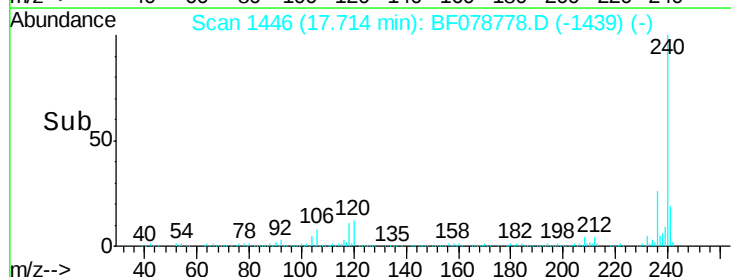
236 25.5 21.4 32.2

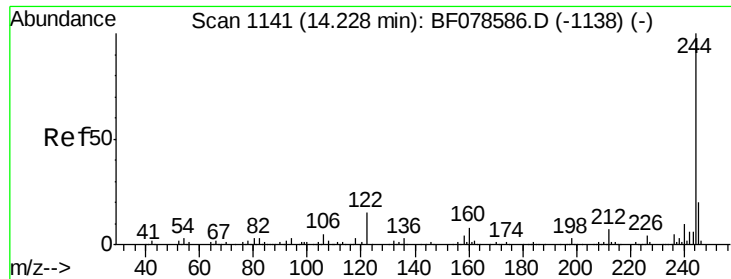


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 47.51 ng

RT: 16.38 min Scan# 1329

Delta R.T. -0.02 min

Lab File: BF078778.D

Acq: 24 Apr 2015 8:57

Instrument :

BNA_F

ClientSampleId :

MW-17

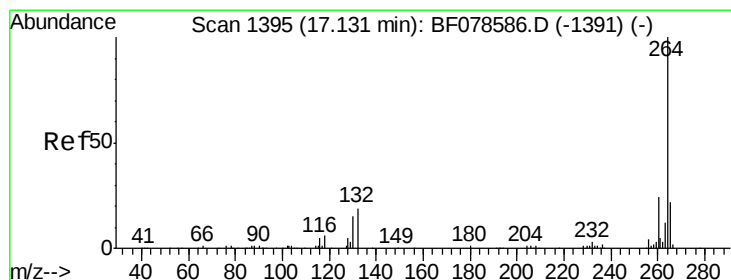
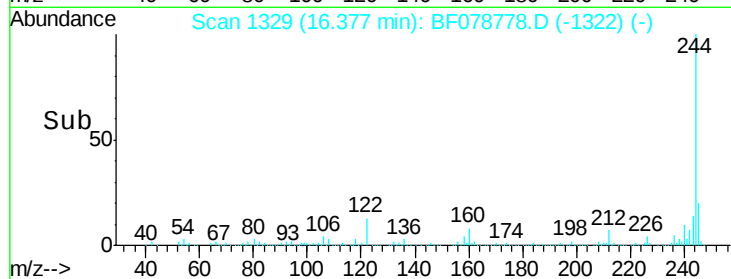
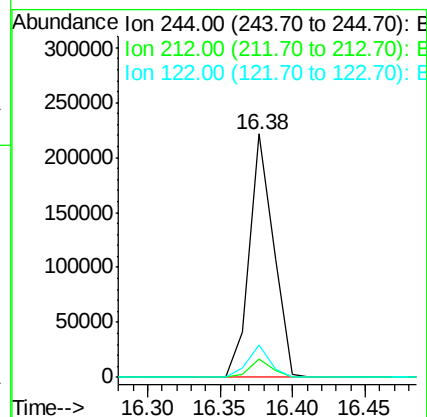
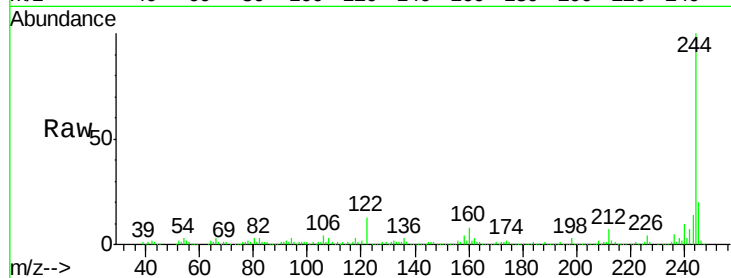
Tot Ion:244 Resp: 256699

Ion Ratio Lower Upper

244 100

212 7.4 5.0 7.4

122 13.5 7.1 10.7#



#86

Perylene-d12

Concen: 20.00 ng

RT: 19.45 min Scan# 1598

Delta R.T. 0.03 min

Lab File: BF078778.D

Acq: 24 Apr 2015 8:57

Tgt Ion:264 Resp: 121040

Ion Ratio Lower Upper

264 100

260 22.8 18.6 27.8

265 21.3 17.0 25.6

