

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040215\
 Data File : BF078222.D
 Acq On : 3 Apr 2015 3:36
 Operator : TP/IZ
 Sample : G1736-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-02

Quant Time: Apr 03 06:51:50 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 03 00:57:15 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	37885	20.00	ng	0.00
21) Naphthalene-d8	8.59	136	144937	20.00	ng	0.00
38) Acenaphthene-d10	10.76	164	69508	20.00	ng	0.00
63) Phenanthrene-d10	12.59	188	136350	20.00	ng	0.00
75) Chrysene-d12	15.86	240	151263	20.00	ng	-0.02
86) Perylene-d12	17.52	264	143603	20.00	ng	-0.15
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	91678	39.90	ng	0.01
7) Phenol-d6	6.61	99	68141	23.66	ng	0.01
23) Nitrobenzene-d5	7.71	82	204792	85.64	ng	-0.01
41) 2,4,6-Tribromophenol	11.75	330	73476	127.46	ng	0.00
44) 2-Fluorobiphenyl	9.95	172	424651	87.33	ng	0.01
78) Terphenyl-d14	14.59	244	480633	71.80	ng	0.00

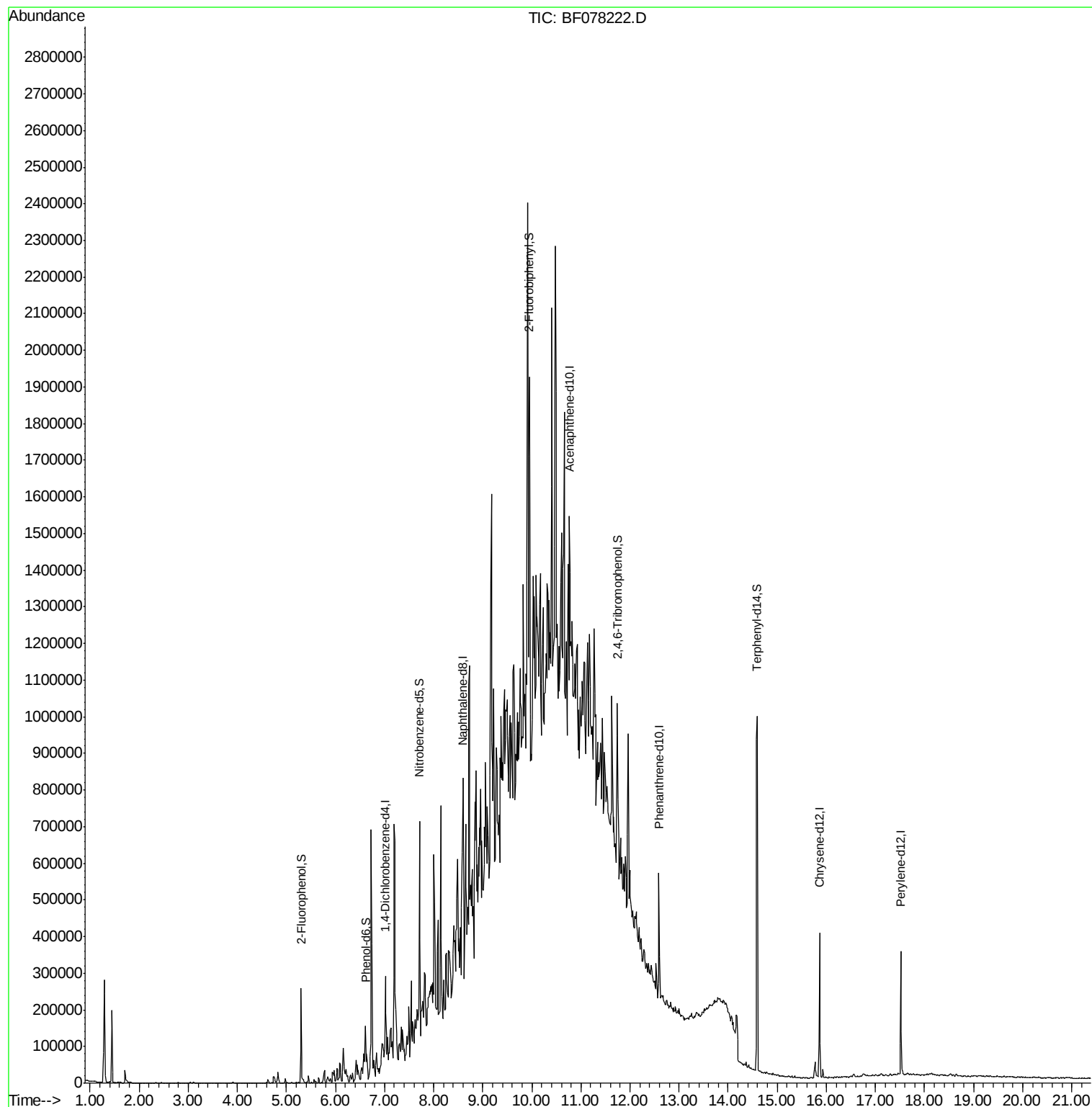
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.01 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF078222.D

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Instrument :

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ClientSampleId :

MW-02

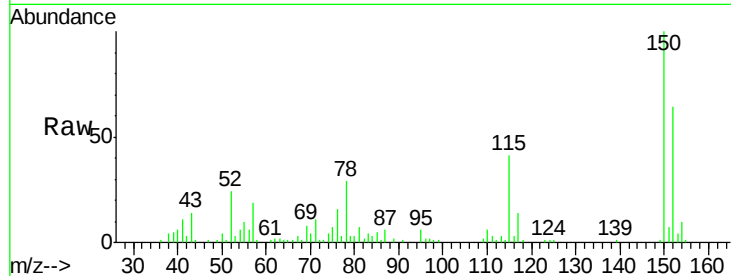
Tot Ion:152 Resp: 37885

Ion Ratio Lower Upper

152 100

150 155.4 125.9 188.9

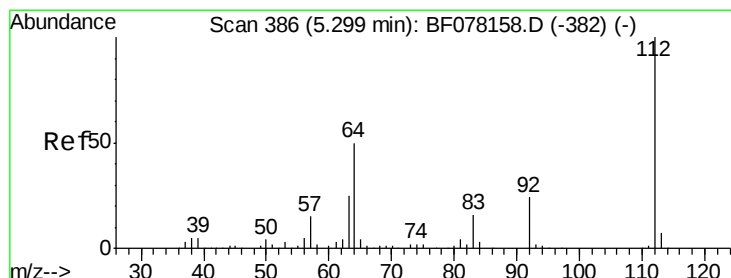
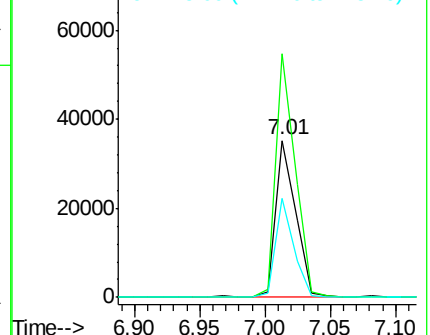
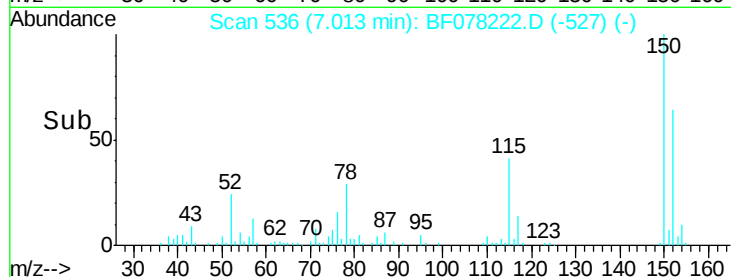
115 63.5 52.7 79.1



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: 39.90 ng

RT: 5.30 min Scan# 386

Delta R.T. 0.01 min

Lab File: BF078222.D

Acq: 3 Apr 2015 3:36

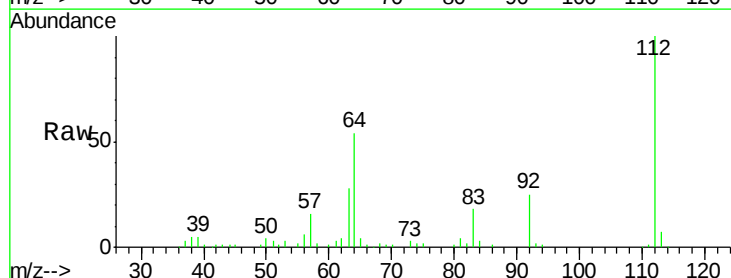
Tgt Ion:112 Resp: 91678

Ion Ratio Lower Upper

112 100

64 54.2 39.9 59.9

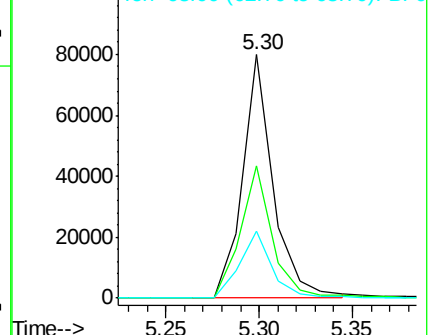
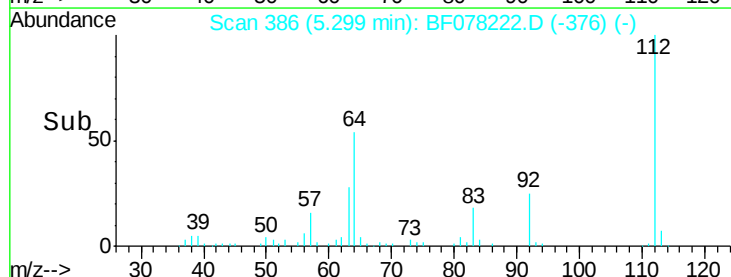
63 27.7 20.2 30.4

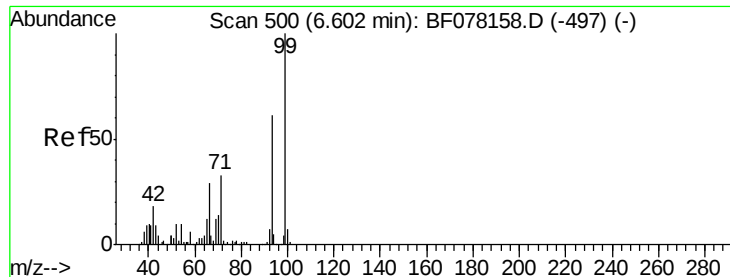


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 23.66 ng

RT: 6.61 min Scan# 501

Delta R.T. 0.01 min

Lab File: BF078222.D

Acq: 3 Apr 2015 3:36

Instrument :

BNA_F

ClientSampleId :

MW-02

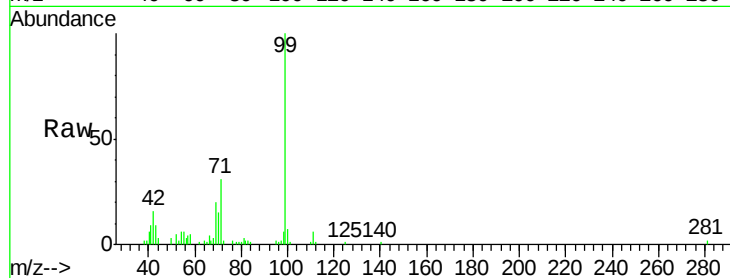
Tot Ion: 99 Resp: 68141

Ion Ratio Lower Upper

99 100

42 16.4 14.8 22.2

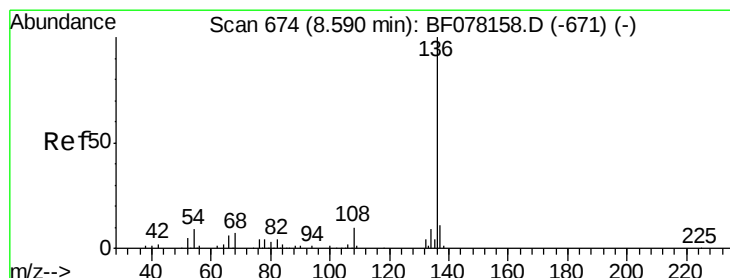
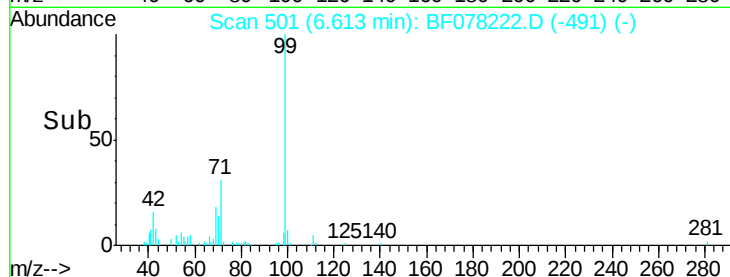
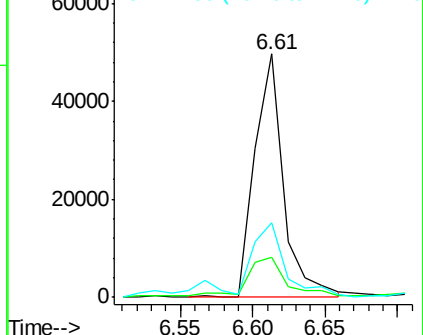
71 30.6 26.6 39.8



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: 8.59 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF078222.D

Acq: 3 Apr 2015 3:36

Tgt Ion: 136 Resp: 144937

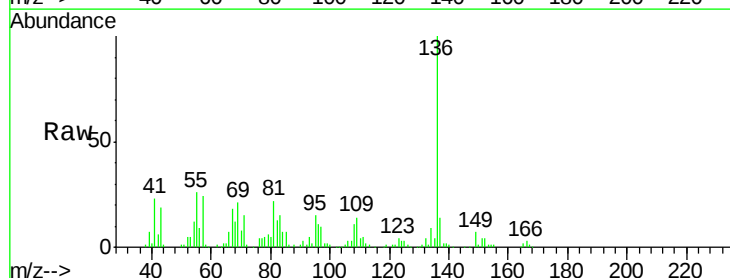
Ion Ratio Lower Upper

136 100

137 13.7 9.0 13.4#

54 11.6 7.0 10.6#

68 11.5 5.4 8.2#

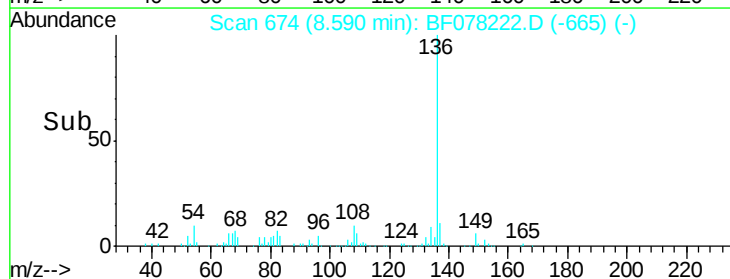
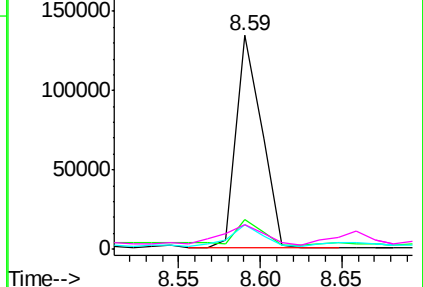


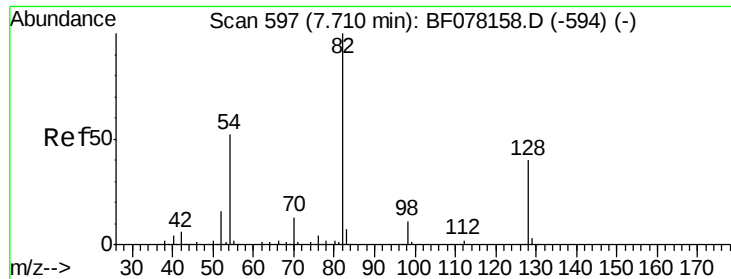
Abundance Ion 136.00 (135.70 to 136.70): E

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

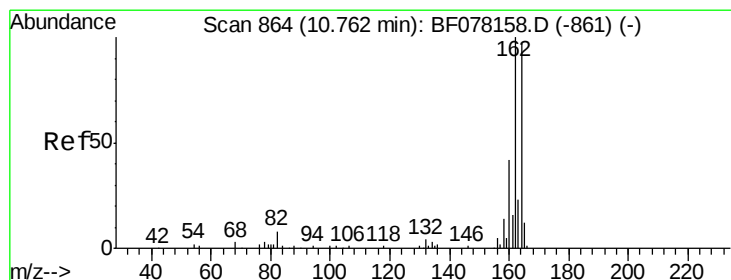
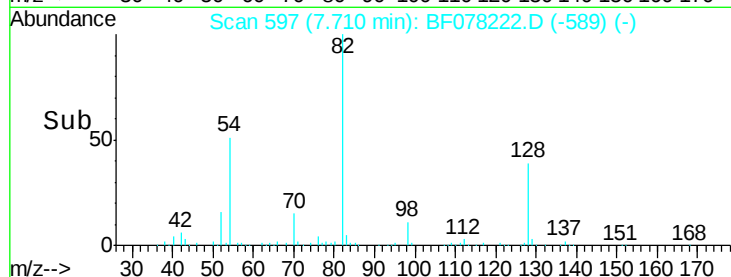
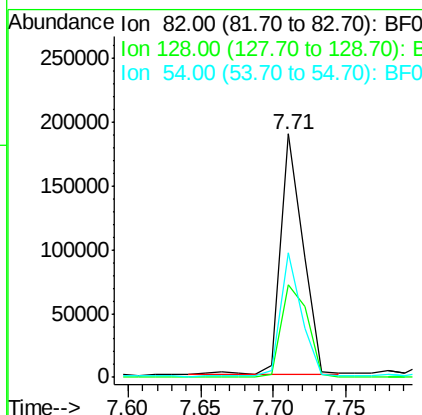
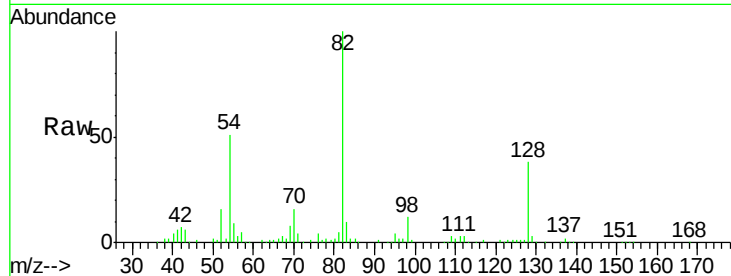




#23
 Nitrobenzene-d5
 Concen: 85.64 ng
 RT: 7.71 min Scan# 597
 Delta R.T. -0.01 min
 Lab File: BF078222.D
 Acq: 3 Apr 2015 3:36

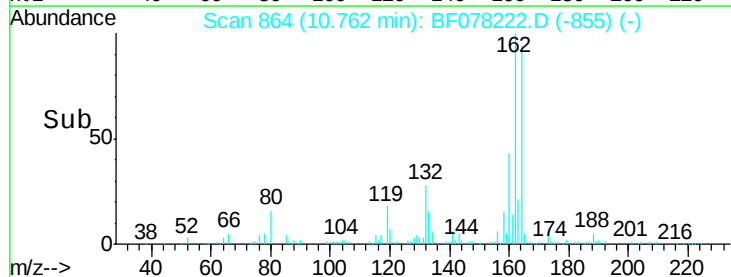
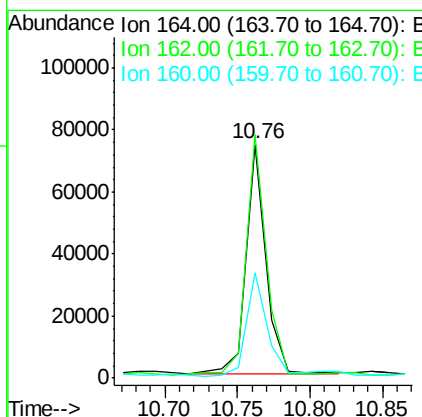
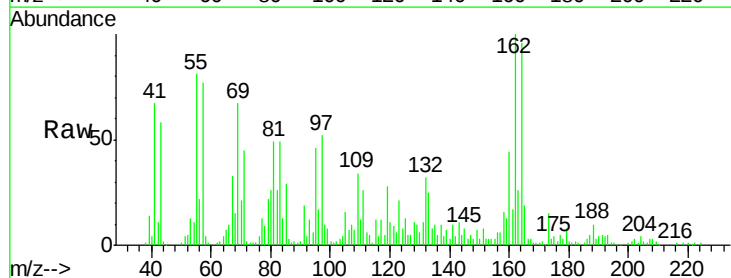
Instrument :
 BNA_F
 ClientSampleId :
 MW-02

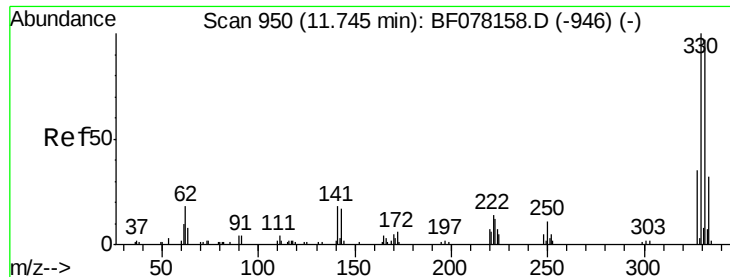
Tot Ion	82	Resp	204792
Ion Ratio	Lower	Upper	
82	100		
128	38.2	31.8	47.8
54	51.3	41.5	62.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.76 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: BF078222.D
 Acq: 3 Apr 2015 3:36

Tgt Ion	164	Resp	69508
Ion Ratio	Lower	Upper	
164	100		
162	104.2	82.2	123.2
160	45.4	34.7	52.1

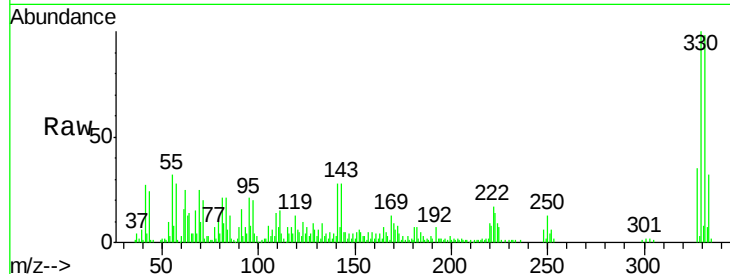




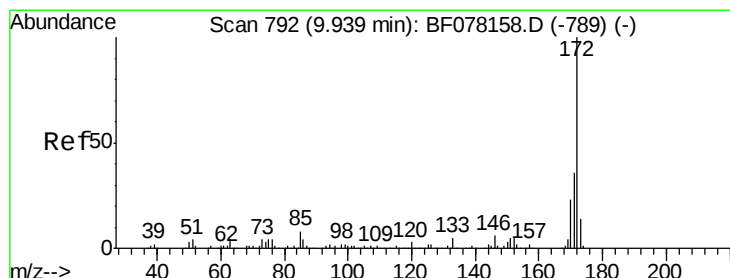
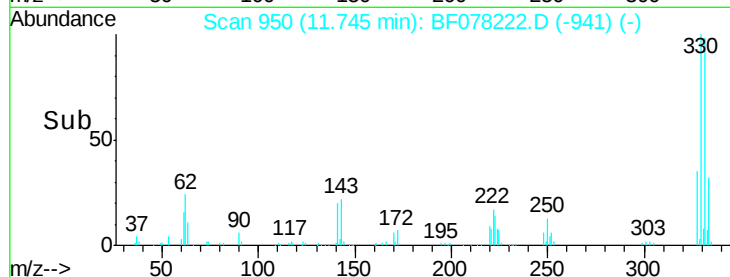
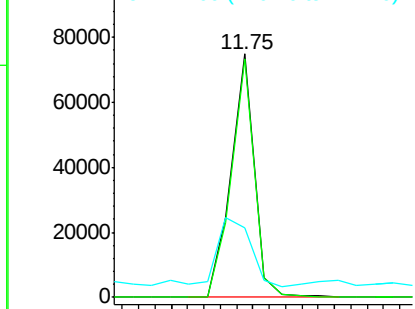
#41
 2,4,6-Tribromophenol
 Concen: 127.46 ng
 RT: 11.75 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: BF078222.D
 Acq: 3 Apr 2015 3:36

Instrument :
 BNA_F
 ClientSampled :
 MW-02

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	78.6	117.8
141	42.2	31.2	46.8

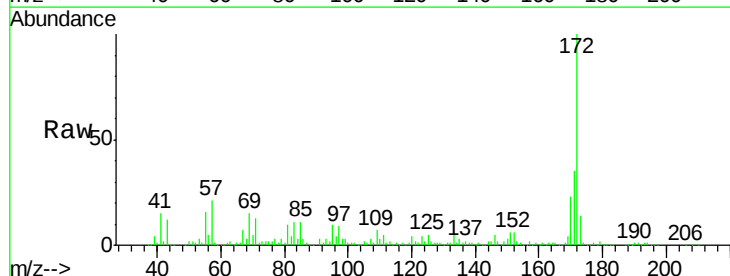


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

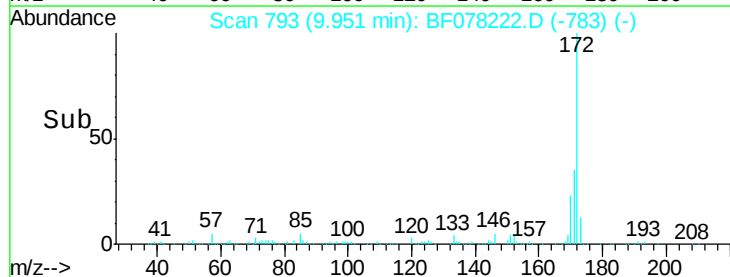
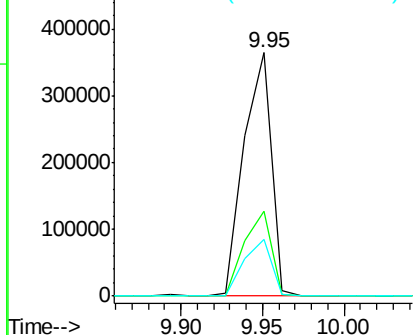


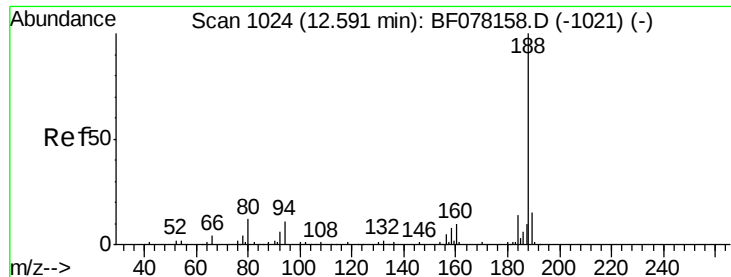
#44
 2-Fluorobiphenyl
 Concen: 87.33 ng
 RT: 9.95 min Scan# 793
 Delta R.T. 0.01 min
 Lab File: BF078222.D
 Acq: 3 Apr 2015 3:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.6	42.8
170	23.1	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

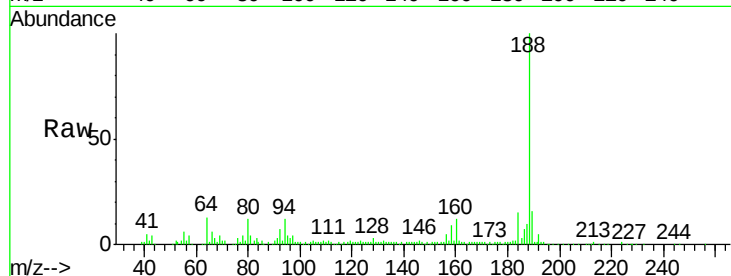




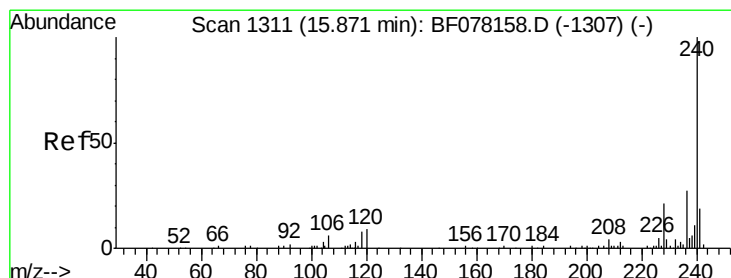
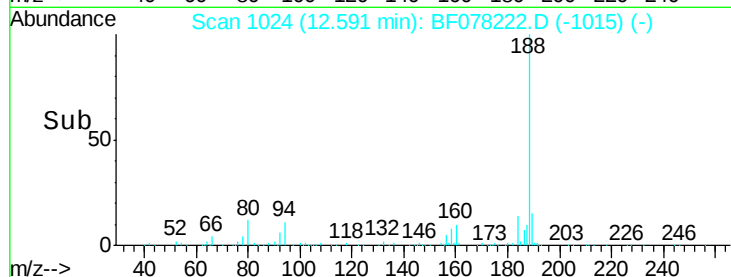
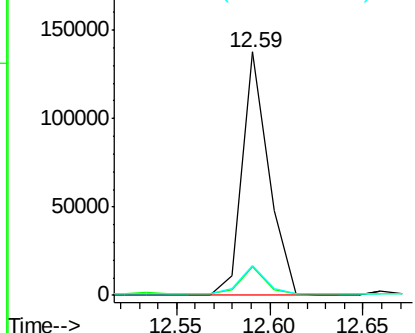
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.59 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF078222.D
Acq: 3 Apr 2015 3:36

Instrument :
BNA_F
ClientSampleId :
MW-02

Tot Ion:188 Resp: 136350
Ion Ratio Lower Upper
188 100
94 11.6 9.0 13.4
80 12.5 9.5 14.3

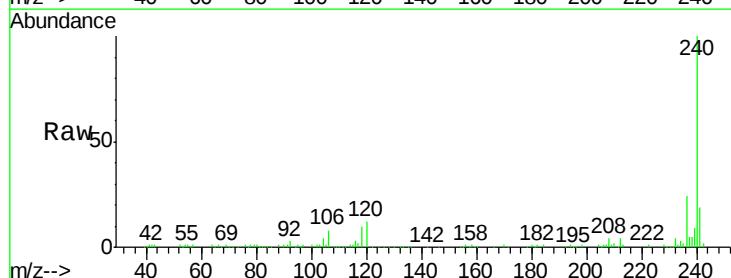


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

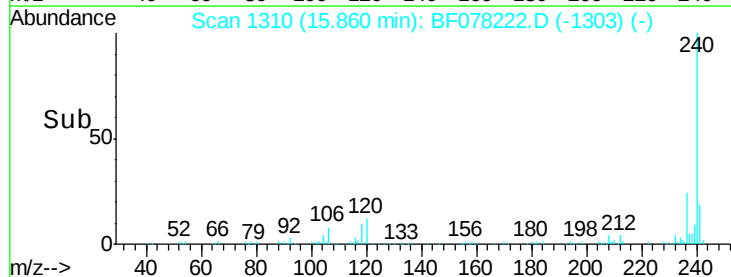
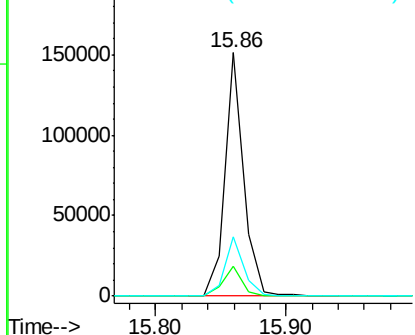


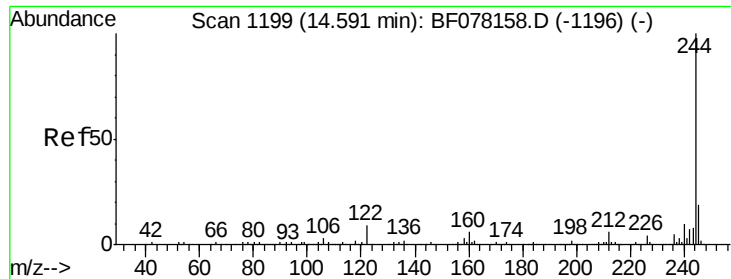
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.86 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BF078222.D
Acq: 3 Apr 2015 3:36

Tgt Ion:240 Resp: 151263
Ion Ratio Lower Upper
240 100
120 12.0 7.1 10.7#
236 24.4 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

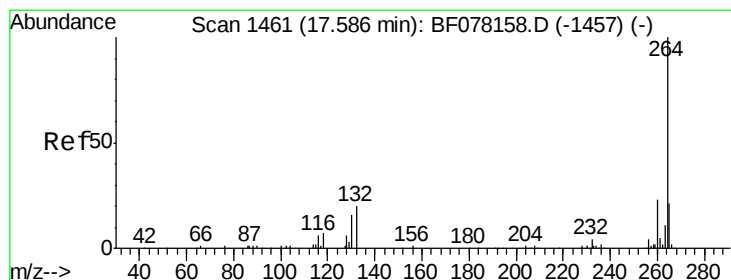
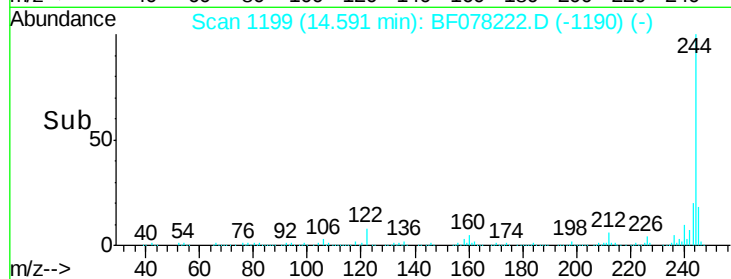
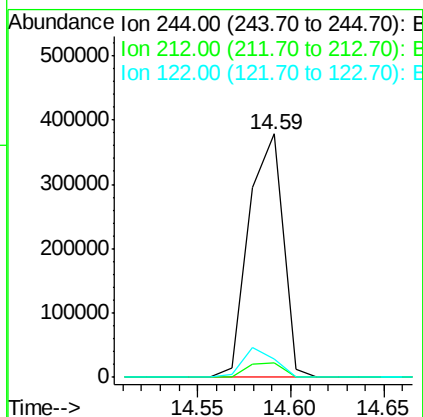
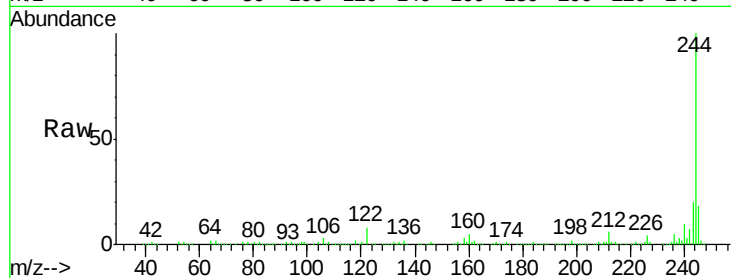




#78
 Terphenyl-d14
 Concen: 71.80 ng
 RT: 14.59 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BF078222.D
 Acq: 3 Apr 2015 3:36

Instrument :
 BNA_F
 ClientSampleID :
 MW-02

Tot Ion:244 Resp: 480633
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.0 7.4
 122 7.8 7.1 10.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.52 min Scan# 1455
 Delta R.T. -0.15 min
 Lab File: BF078222.D
 Acq: 3 Apr 2015 3:36

Tgt Ion:264 Resp: 143603
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 27.8
 265 21.2 17.0 25.6

