

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051115\
 Data File : BF079111.D
 Acq On : 11 May 2015 12:59
 Operator : TP/IZ
 Sample : G2038-04DL 10X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DBMW-02DL

Quant Time: May 12 02:09:18 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 12 01:34:40 2015
 Response via : Initial Calibration

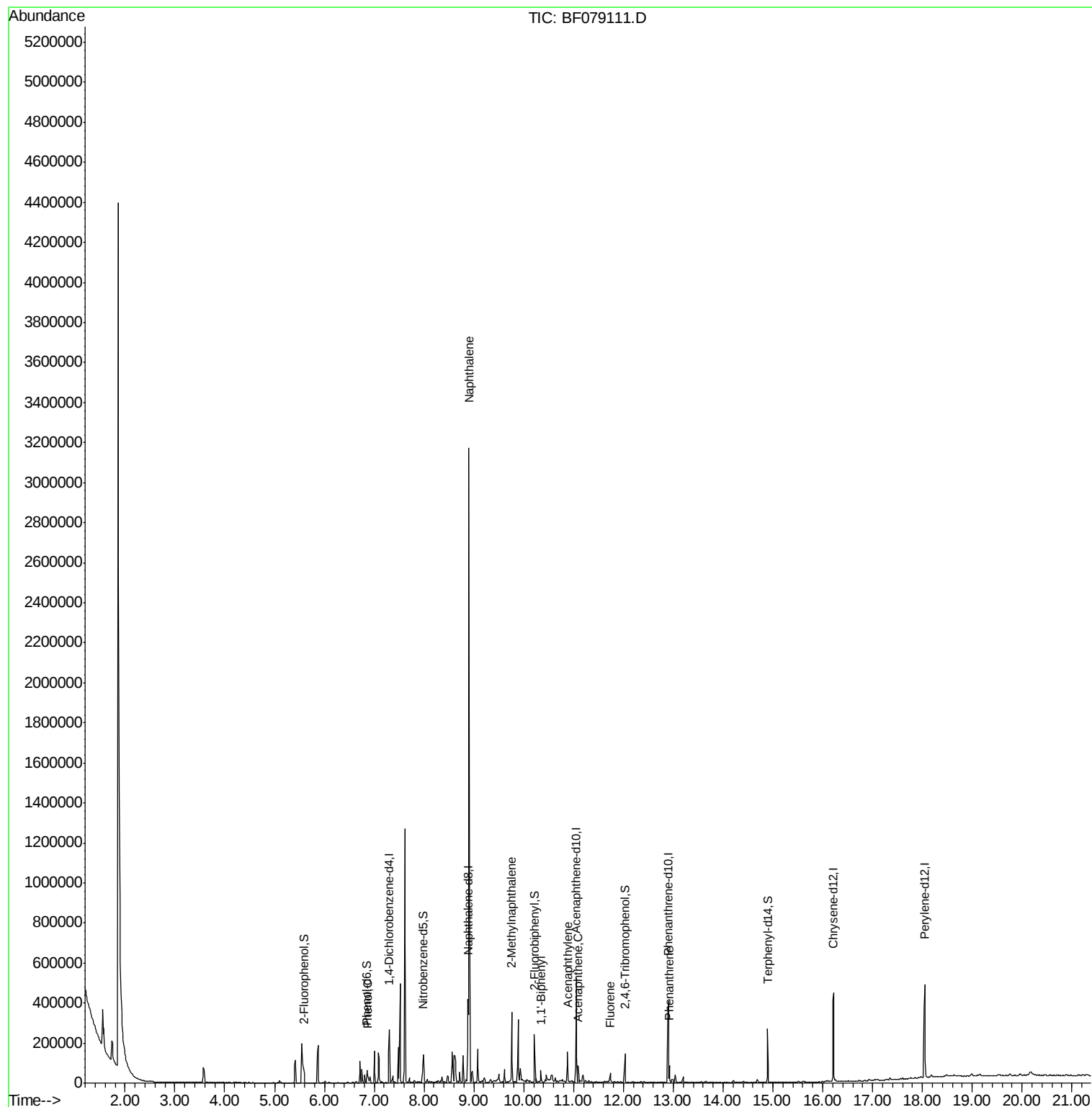
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	49656	20.00	ng	0.00
21) Naphthalene-d8	8.88	136	208309	20.00	ng	0.00
38) Acenaphthene-d10	11.05	164	106382	20.00	ng	0.00
63) Phenanthrene-d10	12.90	188	213746	20.00	ng	0.00
75) Chrysene-d12	16.22	240	233709	20.00	ng	-0.01
86) Perylene-d12	18.05	264	243018	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	24403	8.46	ng	0.00
7) Phenol-d6	6.86	99	20452	5.36	ng	0.00
23) Nitrobenzene-d5	7.99	82	39395	10.87	ng	0.00
41) 2,4,6-Tribromophenol	12.03	330	20667	17.96	ng	0.00
44) 2-Fluorobiphenyl	10.22	172	84618	11.08	ng	-0.01
78) Terphenyl-d14	14.89	244	95067	9.74	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.87	94	15918	3.60	ng	98
31) Naphthalene	8.90	128	1472025	148.30	ng	99
37) 2-Methylnaphthalene	9.76	142	101872	14.81	ng	98
45) 1,1'-Biphenyl	10.34	154	19006	2.25	ng	94
48) Acenaphthylene	10.88	152	74671	6.89	ng	97
51) Acenaphthene	11.10	154	28100	4.35	ng	98
57) Fluorene	11.74	166	18548	2.42	ng	99
70) Phenanthrene	12.93	178	32798	2.74	ng	99

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

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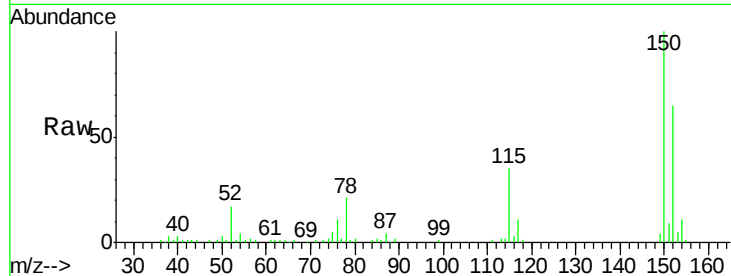


#1

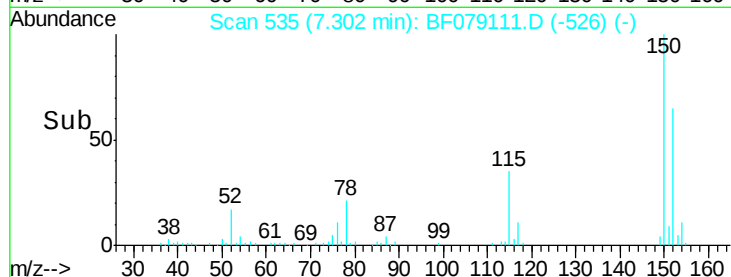
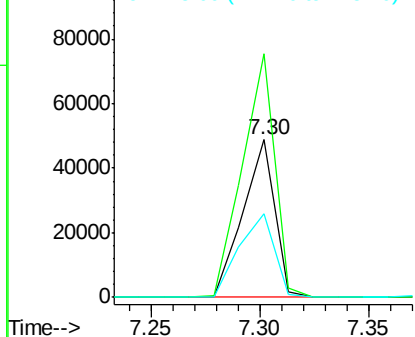
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.30 min Scan# 535
Delta R.T. -0.00 min
Lab File: BF079111.D
Acq: 11 May 2015 12:59

Instrument :
BNA_F
ClientSampleId :
DBMW-02DL

Tot Ion:152 Resp: 49656
Ion Ratio Lower Upper
152 100
150 154.4 122.0 183.0
115 53.4 46.3 69.5



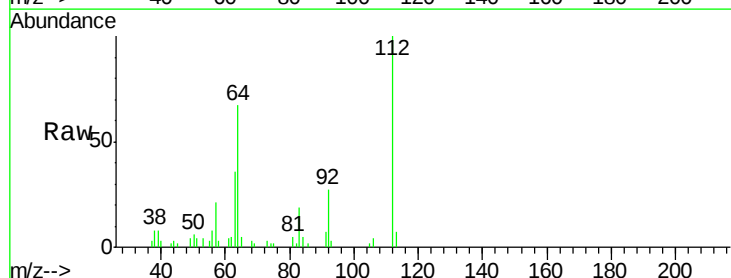
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



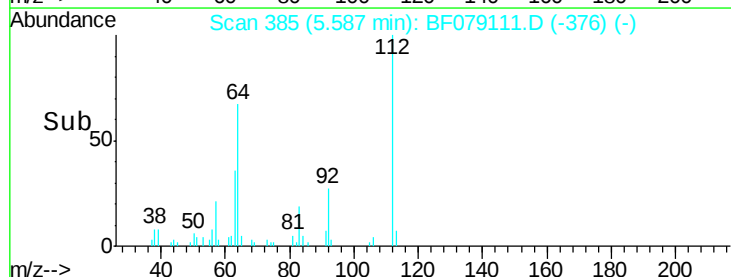
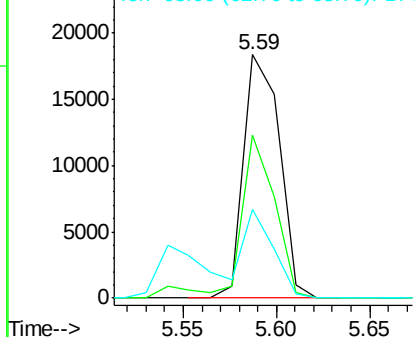
#5

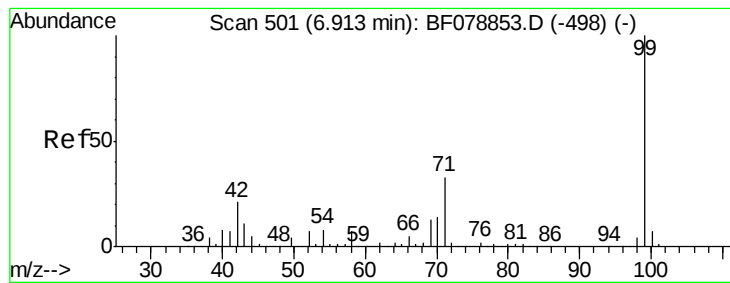
2-Fluorophenol
Concen: 8.46 ng
RT: 5.59 min Scan# 385
Delta R.T. -0.00 min
Lab File: BF079111.D
Acq: 11 May 2015 12:59

Tgt Ion:112 Resp: 24403
Ion Ratio Lower Upper
112 100
64 67.2 53.5 80.3
63 36.4 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: 5.36 ng

RT: 6.86 min Scan# 496

Delta R.T. -0.00 min

Lab File: BF079111.D

Acq: 11 May 2015 12:59

Instrument :

BNA_F

ClientSampleId :

DBMW-02DL

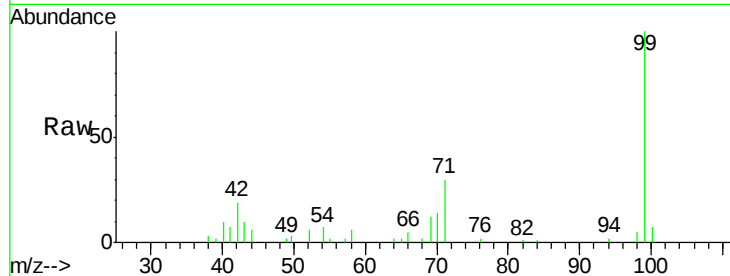
Tot Ion: 99 Resp: 20452

Ion Ratio Lower Upper

99 100

42 19.1 12.8 19.2

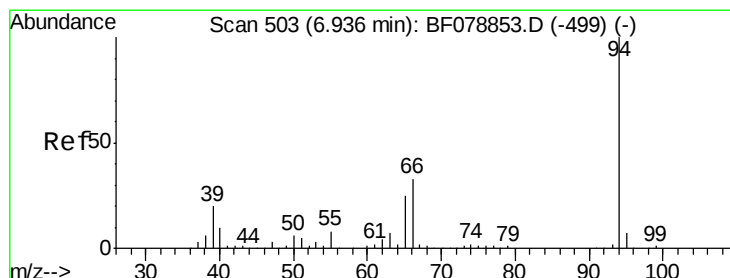
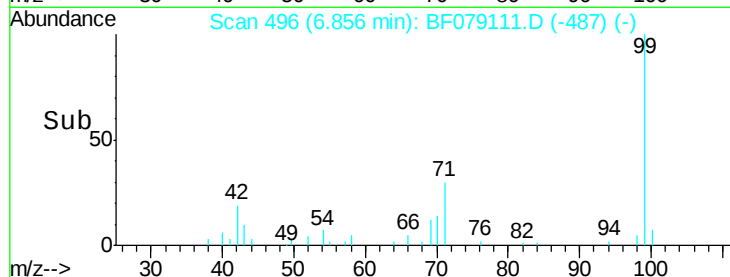
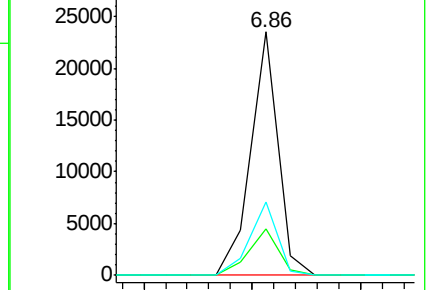
71 29.9 23.4 35.2



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



#10

Phenol

Concen: 3.60 ng

RT: 6.87 min Scan# 497

Delta R.T. -0.01 min

Lab File: BF079111.D

Acq: 11 May 2015 12:59

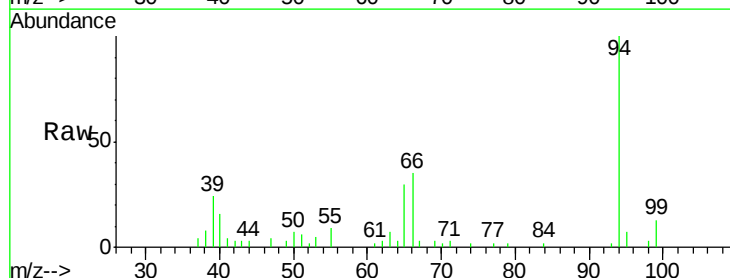
Tgt Ion: 94 Resp: 15918

Ion Ratio Lower Upper

94 100

65 29.5 8.5 48.5

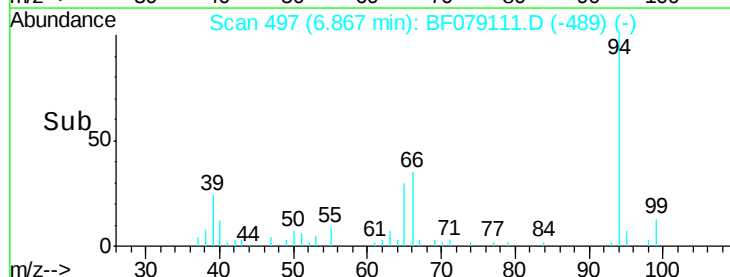
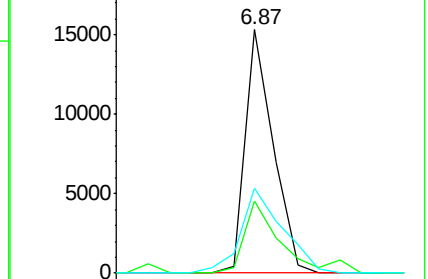
66 35.1 16.0 56.0

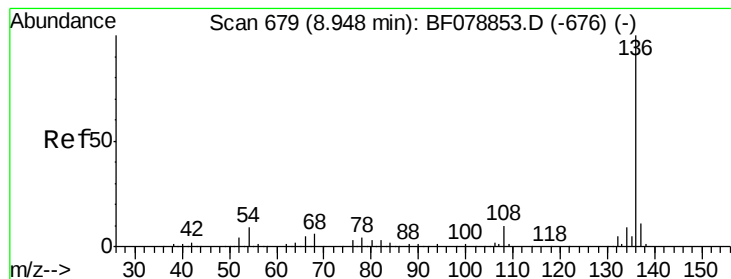


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.88 min Scan# 673

Delta R.T. -0.00 min

Lab File: BF079111.D

Acq: 11 May 2015 12:59

Instrument :

BNA_F

ClientSampleId :

DBMW-02DL

Tot Ion:136 Resp: 208309

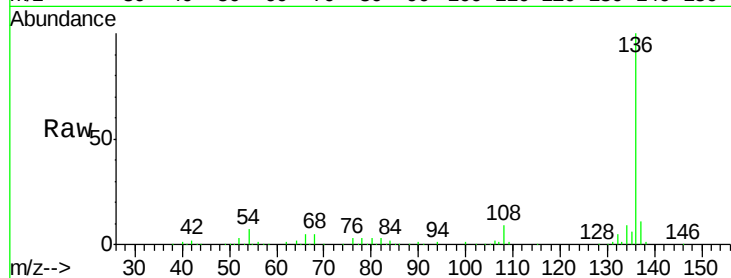
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 6.6 5.8 8.8

68 5.2 4.2 6.4

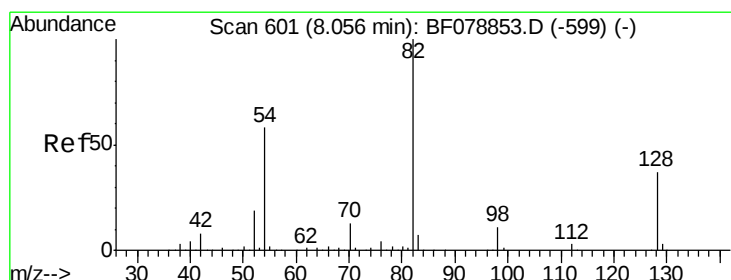
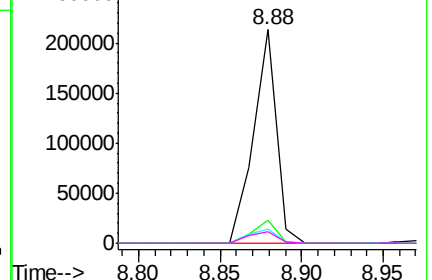
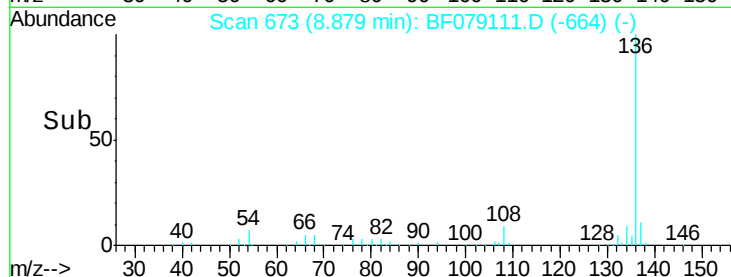


Abundance Ion 136.00 (135.70 to 136.70): E

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: 10.87 ng

RT: 7.99 min Scan# 595

Delta R.T. -0.00 min

Lab File: BF079111.D

Acq: 11 May 2015 12:59

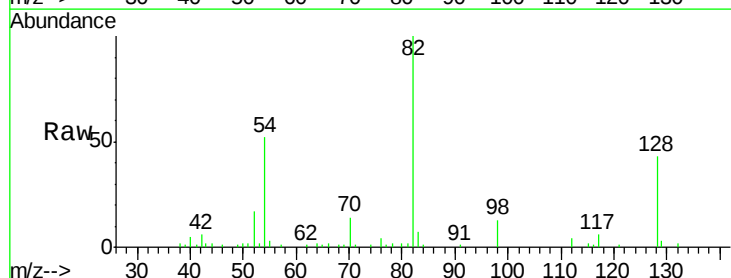
Tgt Ion: 82 Resp: 39395

Ion Ratio Lower Upper

82 100

128 42.5 30.0 45.0

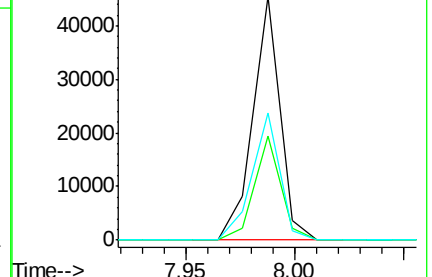
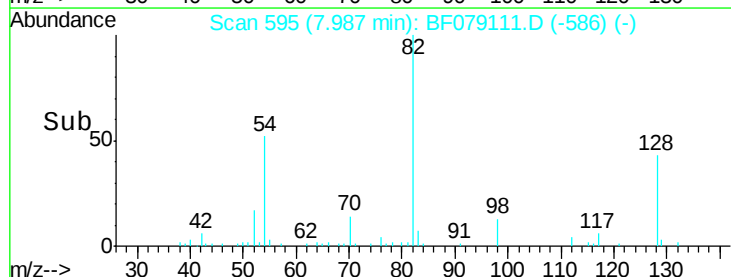
54 52.4 46.4 69.6

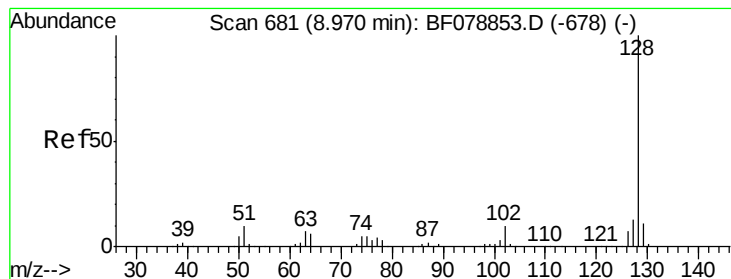


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#31

Naphthalene

Concen: 148.30 ng

RT: 8.90 min Scan# 675

Delta R.T. -0.00 min

Lab File: BF079111.D

Acq: 11 May 2015 12:59

Instrument :

BNA_F

ClientSampleId :

DBMW-02DL

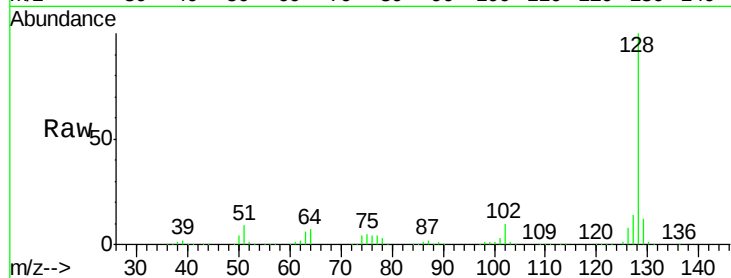
Tot Ion:128 Resp: 1472025

Ion Ratio Lower Upper

128 100

129 12.1 9.3 13.9

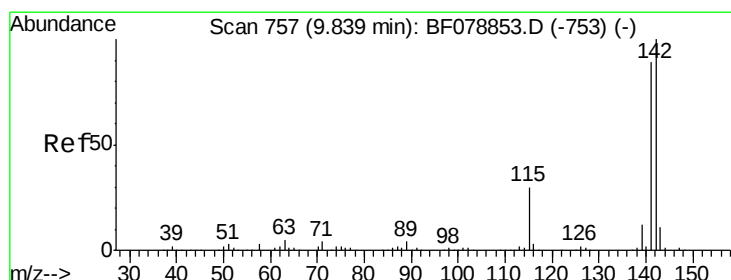
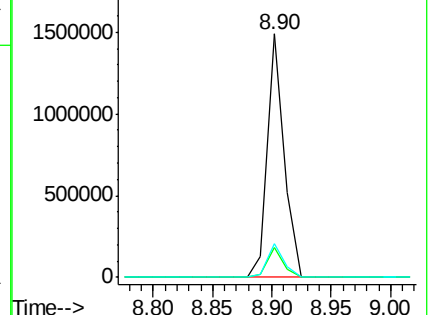
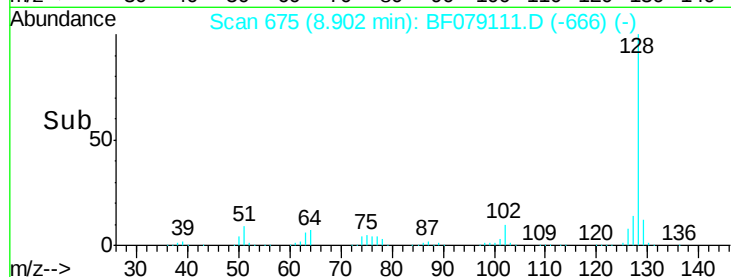
127 13.9 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#37

2-Methylnaphthalene

Concen: 14.81 ng

RT: 9.76 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF079111.D

Acq: 11 May 2015 12:59

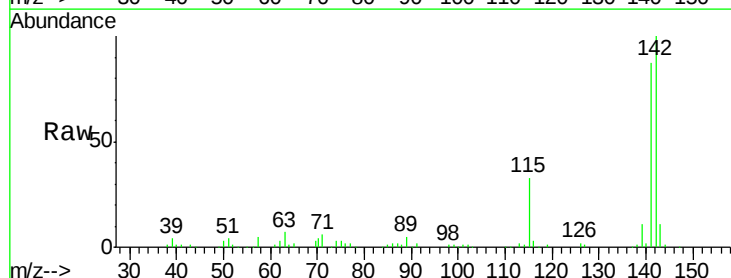
Tgt Ion:142 Resp: 101872

Ion Ratio Lower Upper

142 100

141 87.3 70.9 106.3

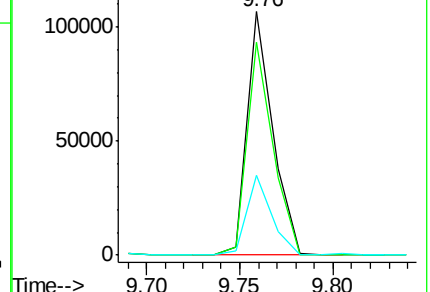
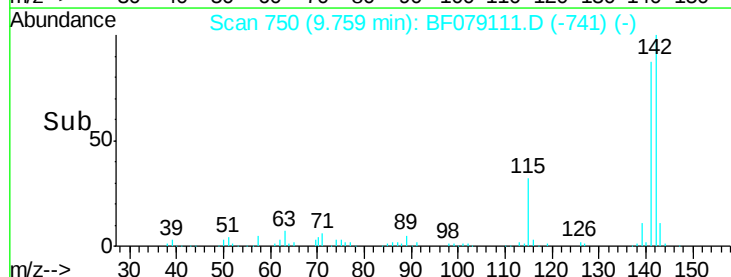
115 32.9 28.5 42.7

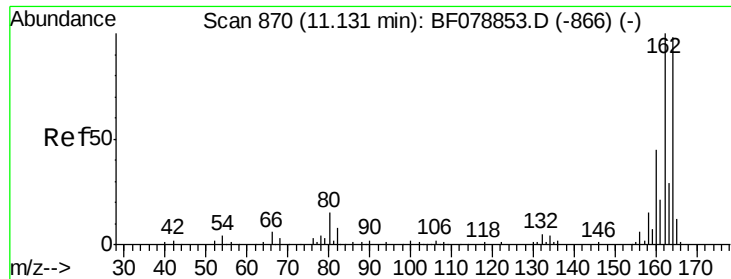


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

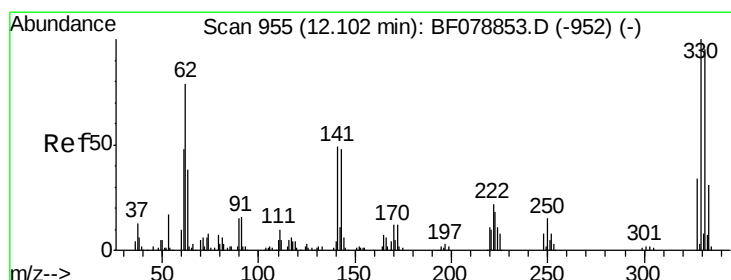
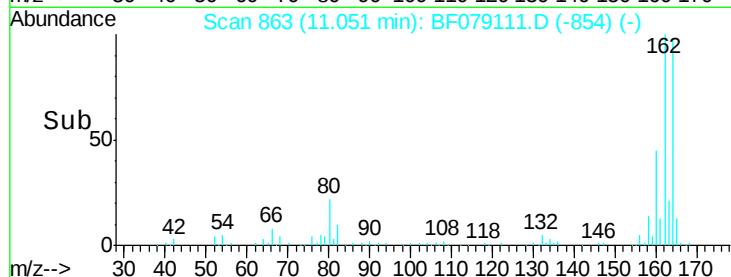
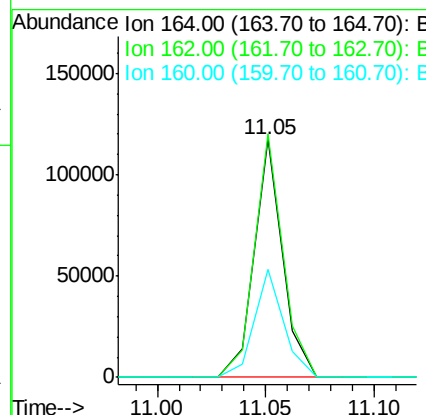
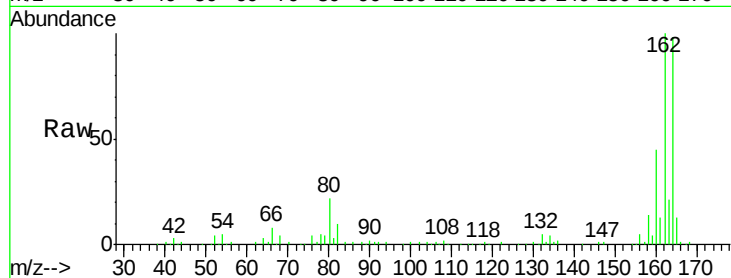




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.05 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: BF079111.D
 Acq: 11 May 2015 12:59

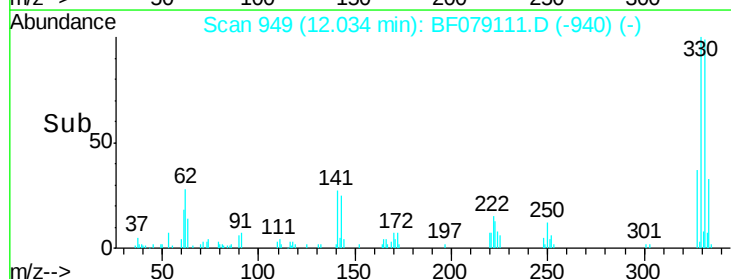
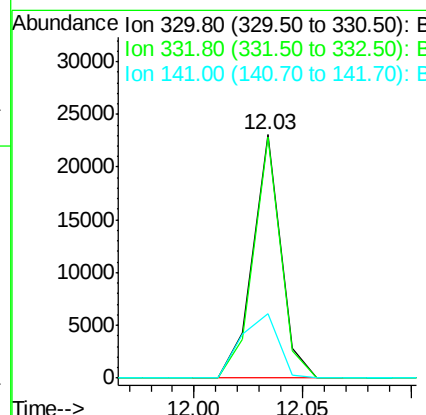
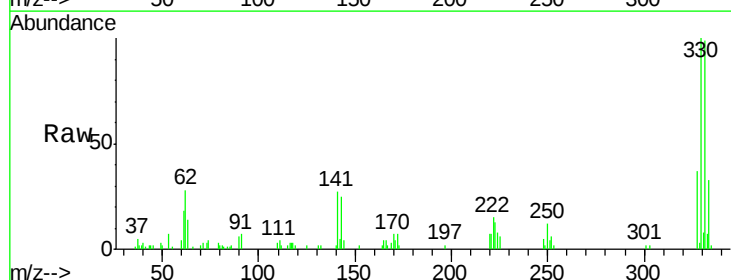
Instrument :
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 DBMW-02DL

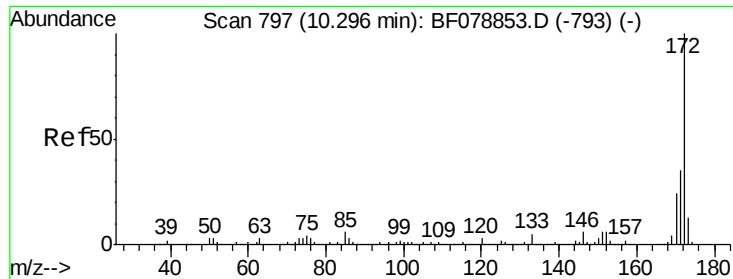
Tot Ion:164 Resp: 106382
 Ion Ratio Lower Upper
 164 100
 162 102.2 82.7 124.1
 160 45.5 35.8 53.8



#41
 2,4,6-Tribromophenol
 Concen: 17.96 ng
 RT: 12.03 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: BF079111.D
 Acq: 11 May 2015 12:59

Tgt Ion:330 Resp: 20667
 Ion Ratio Lower Upper
 330 100
 332 96.8 0.0 0.0#
 141 35.2 0.0 0.0#

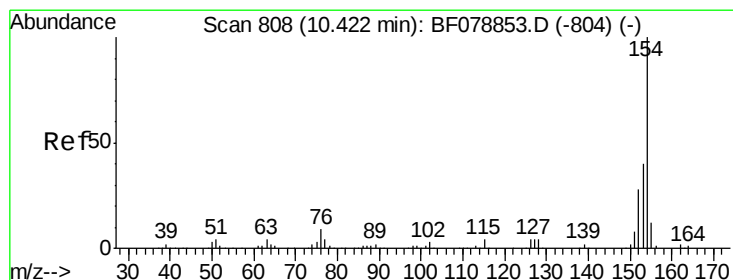
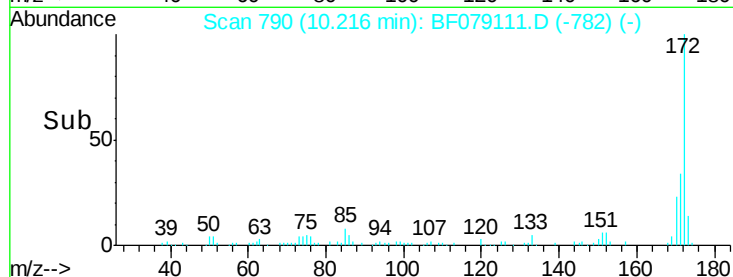
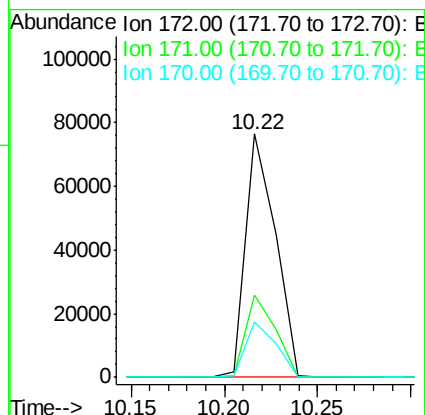
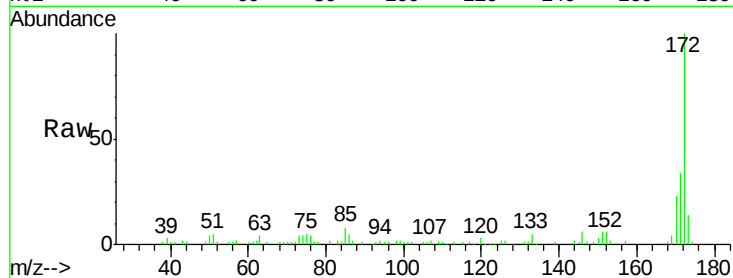




#44
 2-Fluorobiphenyl
 Concen: 11.08 ng
 RT: 10.22 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF079111.D
 Acq: 11 May 2015 12:59

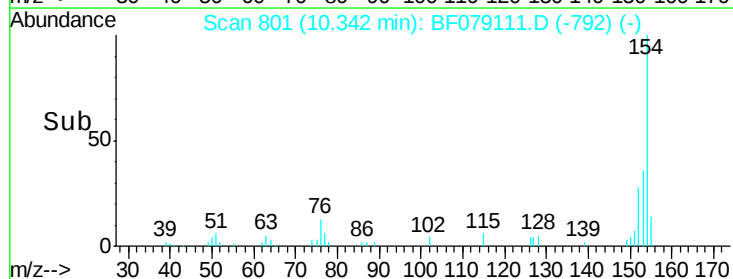
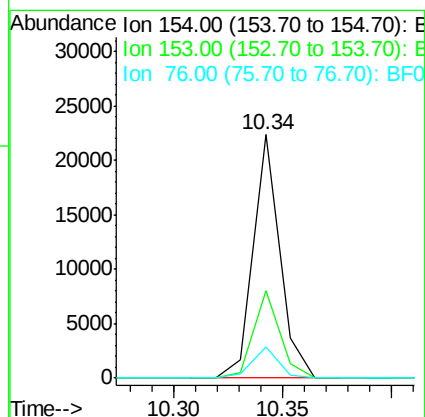
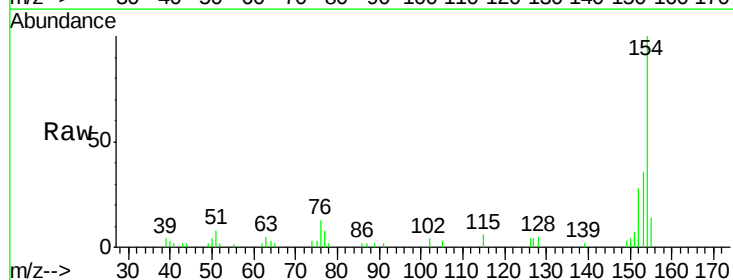
Instrument :
 BNA_F
 ClientSampleId :
 DBMW-02DL

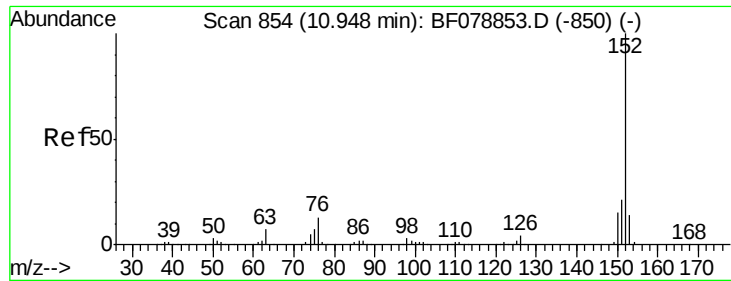
Tot Ion:172 Resp: 84618
 Ion Ratio Lower Upper
 172 100
 171 33.6 27.9 41.9
 170 23.0 19.4 29.0



#45
 1,1'-Biphenyl
 Concen: 2.25 ng
 RT: 10.34 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BF079111.D
 Acq: 11 May 2015 12:59

Tgt Ion:154 Resp: 19006
 Ion Ratio Lower Upper
 154 100
 153 35.8 19.9 59.9
 76 12.9 0.0 35.0





#48

Acenaphthylene

Concen: 6.89 ng

RT: 10.88 min Scan# 848

Delta R.T. -0.00 min

Lab File: BF079111.D

Acq: 11 May 2015 12:59

Instrument :

BNA_F

ClientSampleId :

DBMW-02DL

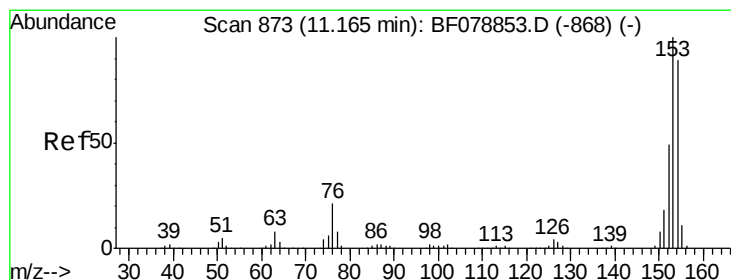
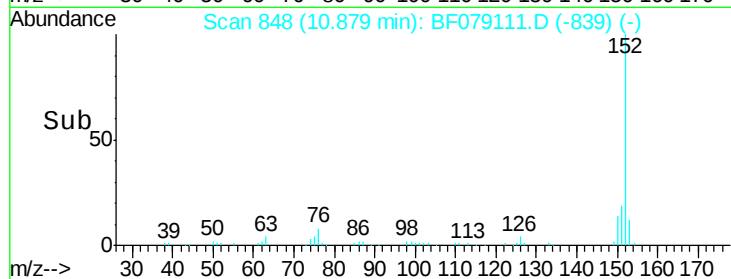
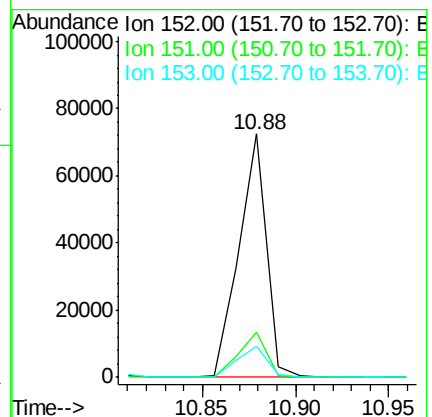
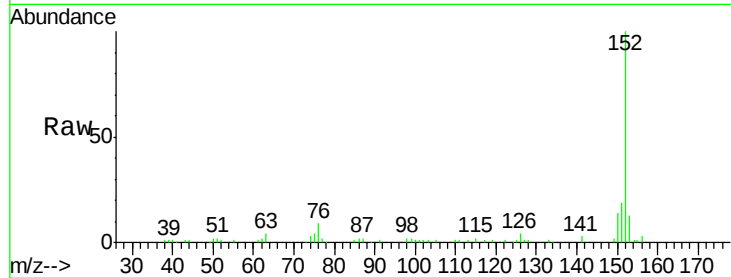
Tot Ion:152 Resp: 74671

Ion Ratio Lower Upper

152 100

151 18.7 16.2 24.4

153 12.6 10.9 16.3



#51

Acenaphthene

Concen: 4.35 ng

RT: 11.10 min Scan# 867

Delta R.T. -0.00 min

Lab File: BF079111.D

Acq: 11 May 2015 12:59

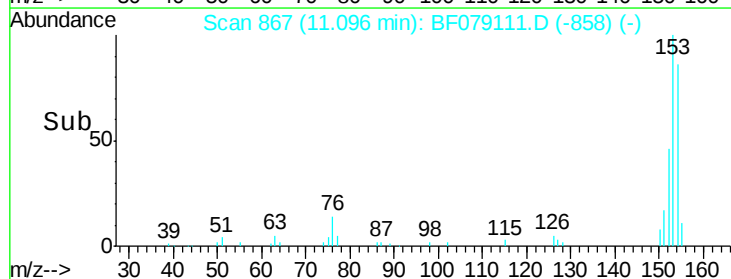
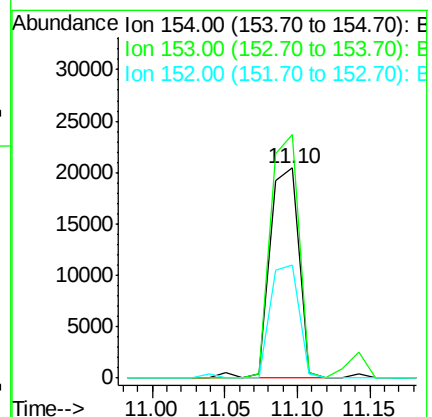
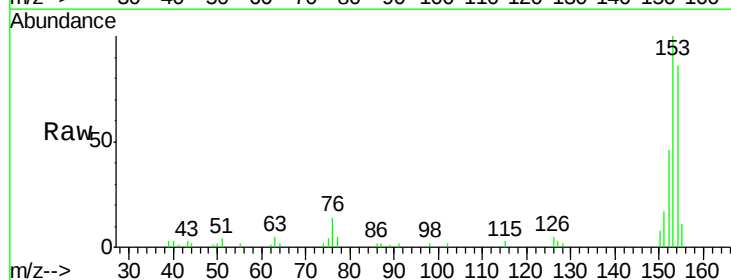
Tgt Ion:154 Resp: 28100

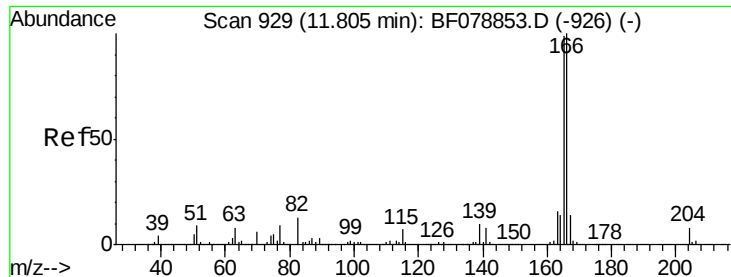
Ion Ratio Lower Upper

154 100

153 115.9 91.5 137.3

152 53.6 44.2 66.4

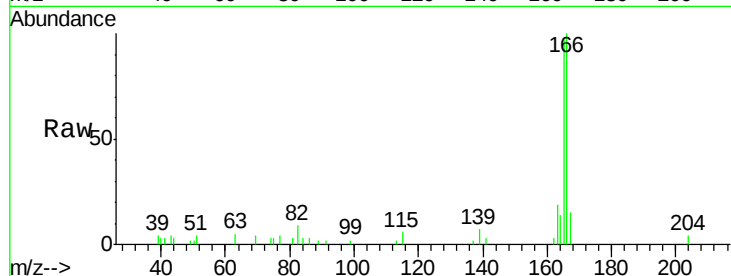




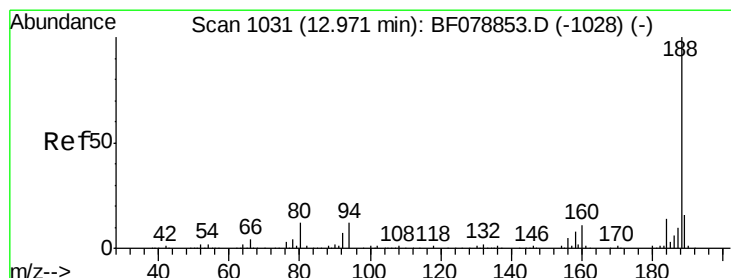
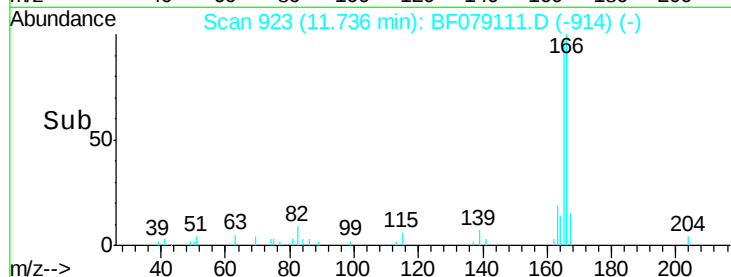
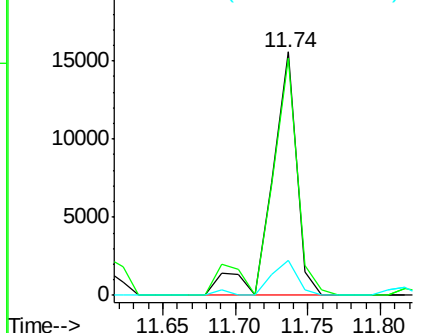
#57
 Fluorene
 Concen: 2.42 ng
 RT: 11.74 min Scan# 923
 Delta R.T. -0.00 min
 Lab File: BF079111.D
 Acq: 11 May 2015 12:59

Instrument :
 BNA_F
 ClientSampleId :
 DBMW-02DL

Tot Ion:166 Resp: 18548
 Ion Ratio Lower Upper
 166 100
 165 97.5 78.5 117.7
 167 14.6 11.0 16.6

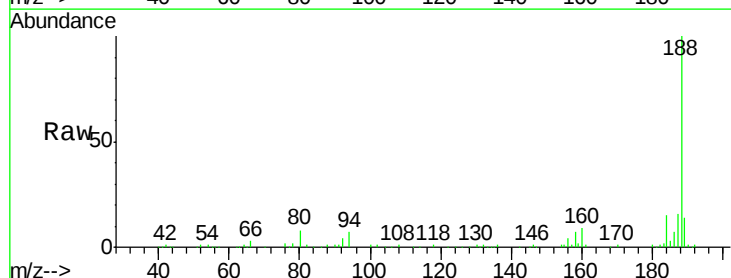


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

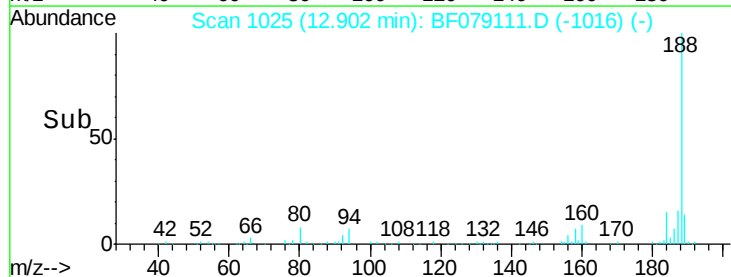
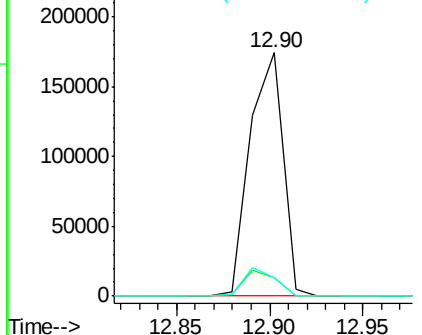


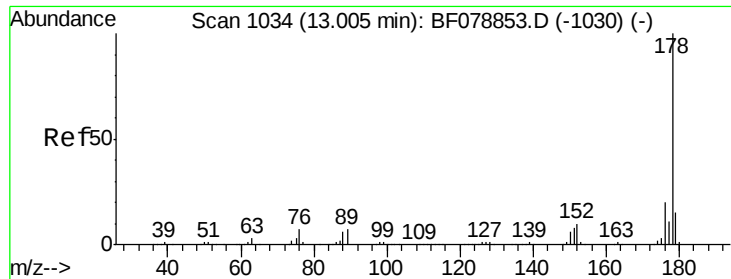
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.90 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BF079111.D
 Acq: 11 May 2015 12:59

Tgt Ion:188 Resp: 213746
 Ion Ratio Lower Upper
 188 100
 94 7.5 8.2 12.2#
 80 7.7 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

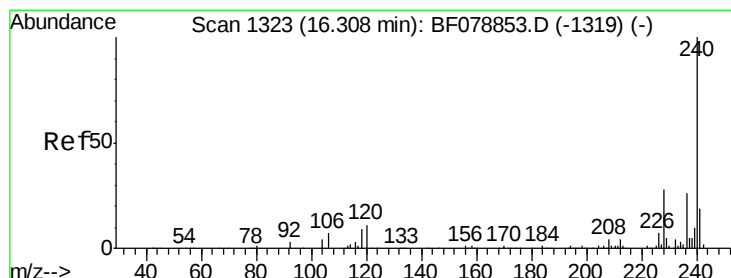
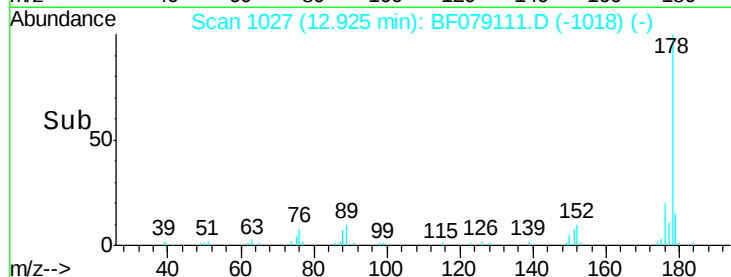
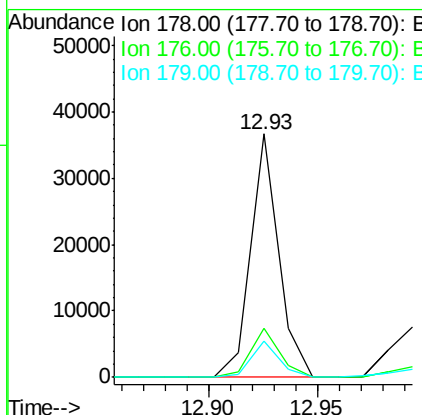
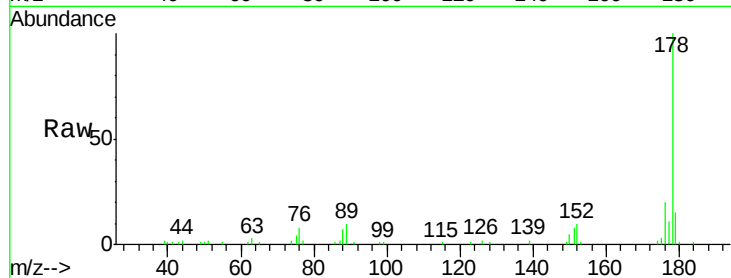




#70
Phenanthrene
Concen: 2.74 ng
RT: 12.93 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF079111.D
Acq: 11 May 2015 12:59

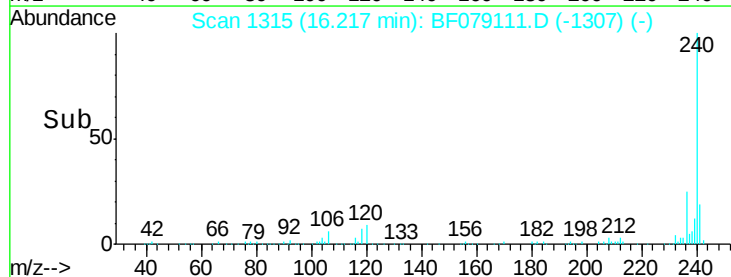
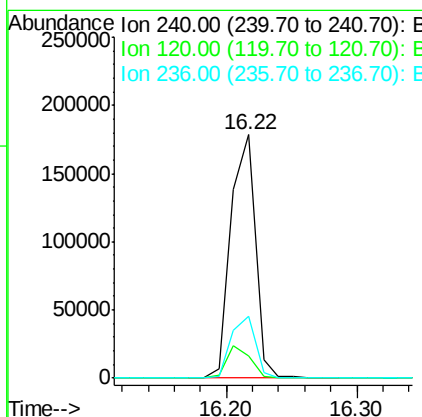
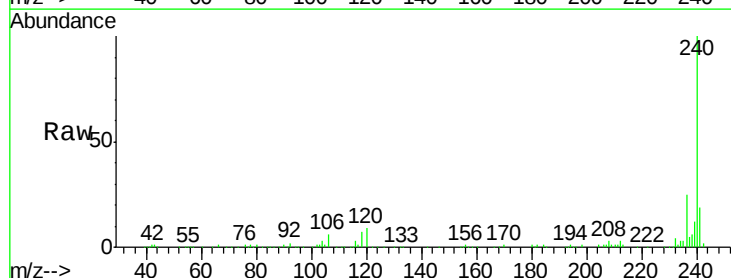
Instrument :
BNA_F
ClientSampleId :
DBMW-02DL

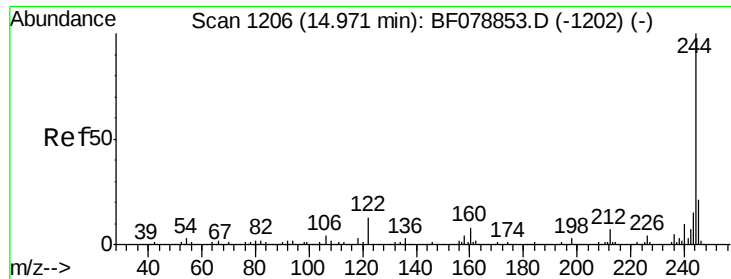
Tot Ion:178 Resp: 32798
Ion Ratio Lower Upper
178 100
176 20.0 15.8 23.8
179 15.1 12.5 18.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.22 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF079111.D
Acq: 11 May 2015 12:59

Tgt Ion:240 Resp: 233709
Ion Ratio Lower Upper
240 100
120 9.2 9.7 14.5#
236 25.4 20.2 30.4





#78

Terphenyl-d14

Concen: 9.74 ng

RT: 14.89 min Scan# 1199

Delta R.T. -0.01 min

Lab File: BF079111.D

Acq: 11 May 2015 12:59

Instrument :

BNA_F

ClientSampleId :

DBMW-02DL

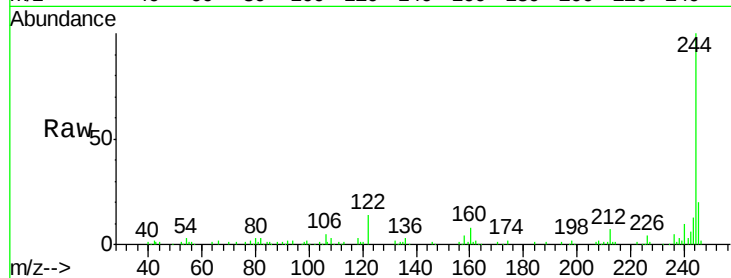
Tot Ion:244 Resp: 95067

Ion Ratio Lower Upper

244 100

212 6.6 5.6 8.4

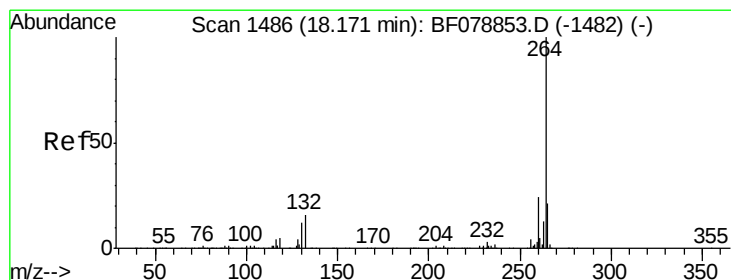
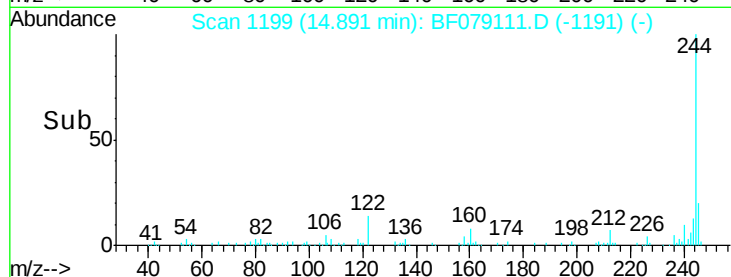
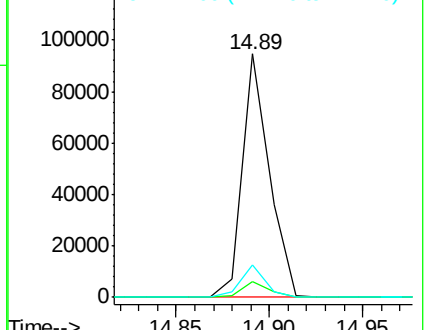
122 13.5 10.3 15.5



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: 18.05 min Scan# 1475

Delta R.T. -0.01 min

Lab File: BF079111.D

Acq: 11 May 2015 12:59

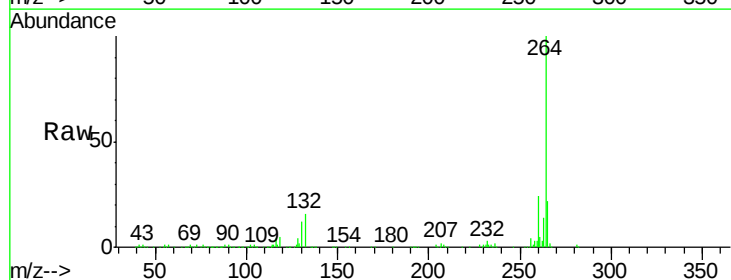
Tgt Ion:264 Resp: 243018

Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.2

265 22.1 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

