

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 :
 DFTPP

Quant Time: May 12 01:53:24 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

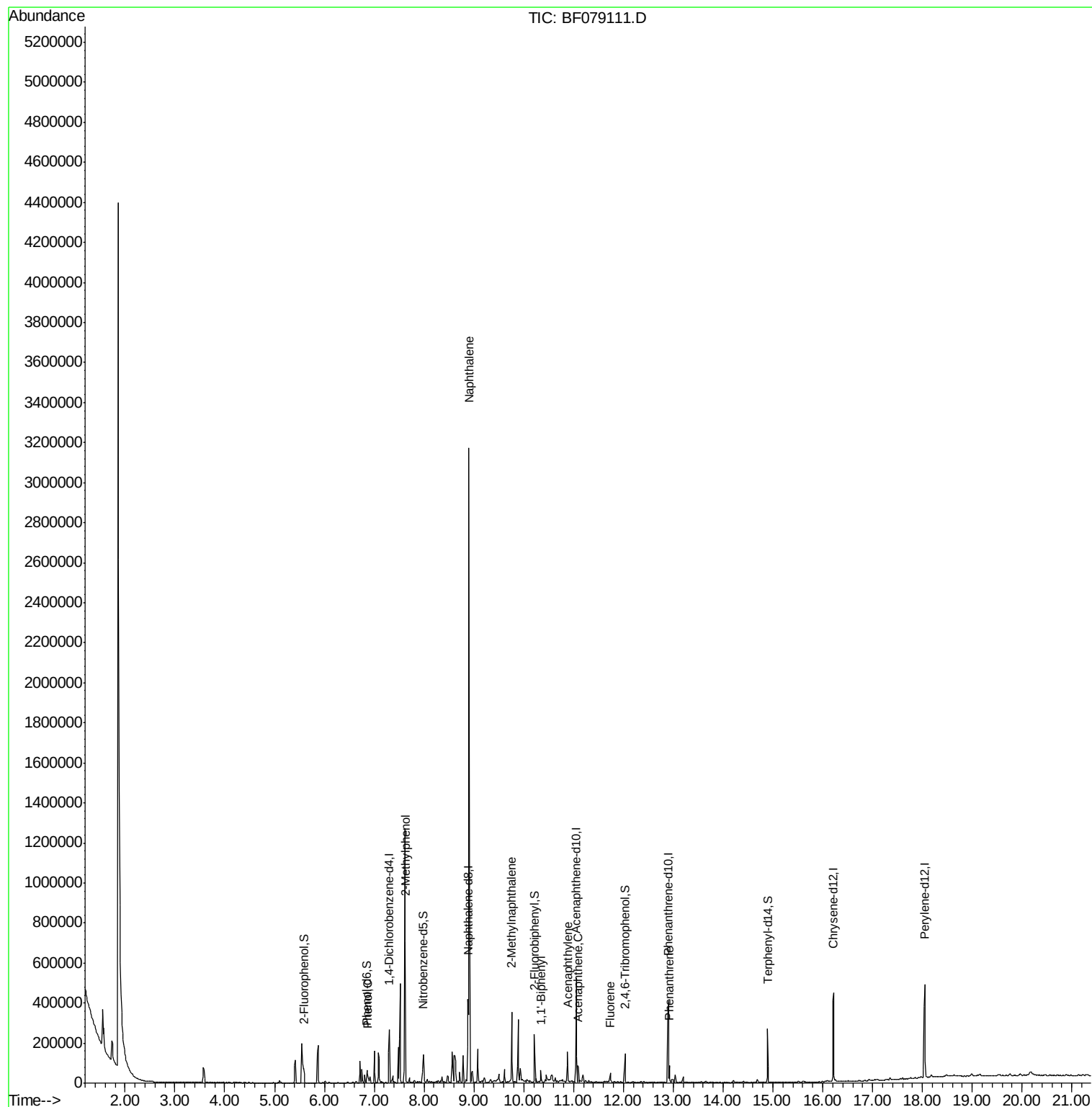
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	49656	20.00	ng	0.00
21) Naphthalene-d8	8.88	136	208309	20.00	ng	0.00
38) Acenaphthene-d10	11.05	164	106382	20.00	ng	0.00
63) Phenanthrene-d10	12.90	188	213746	20.00	ng	0.00
75) Chrysene-d12	16.22	240	233709	20.00	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
17) 2-Methylphenol	7.62	107	10656	4.05	ng	97
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

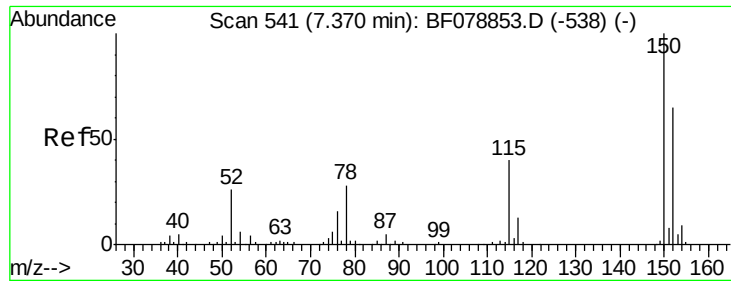
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 3 Sample Multiplier: 1

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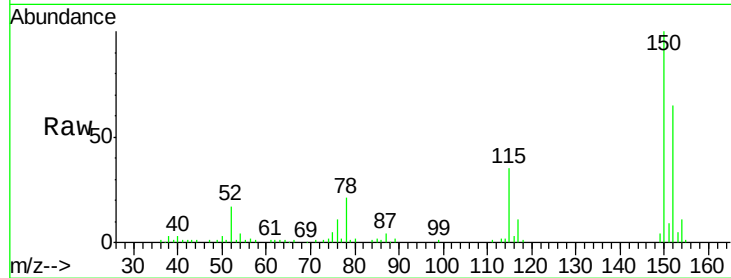


#1

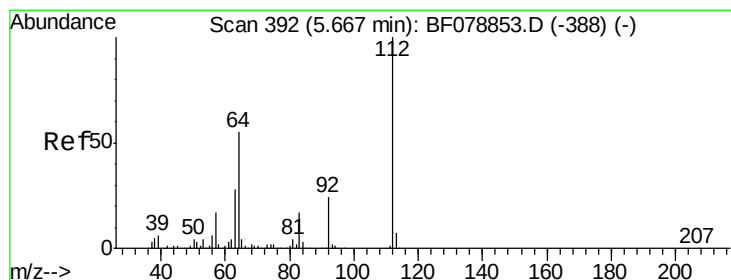
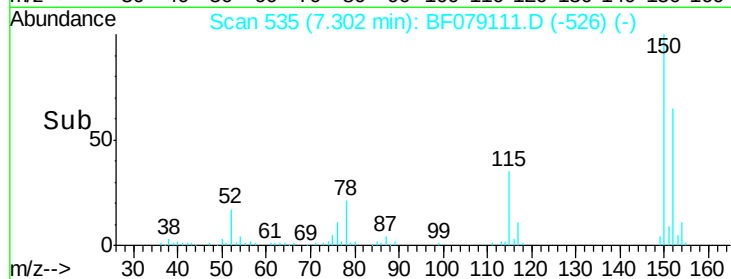
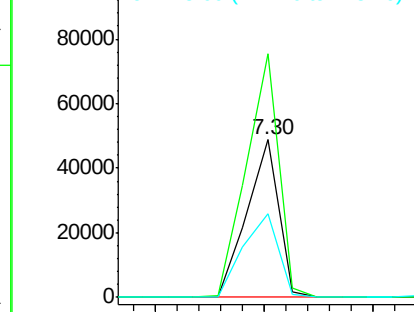
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.30 min Scan# 535
Delta R.T. -0.00 min
Lab File: BF079111.D
Acq: 11 May 2015 12:59

Instrument :
BNA_F
ClientSampleId :
DFTPP

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



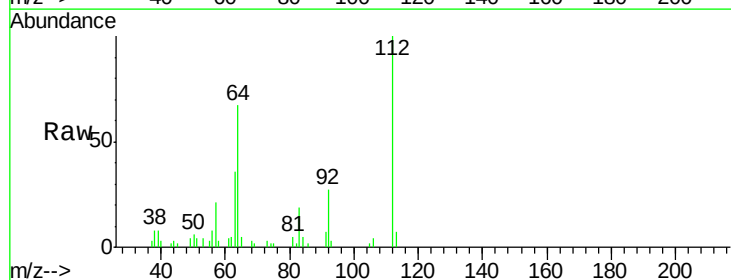
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



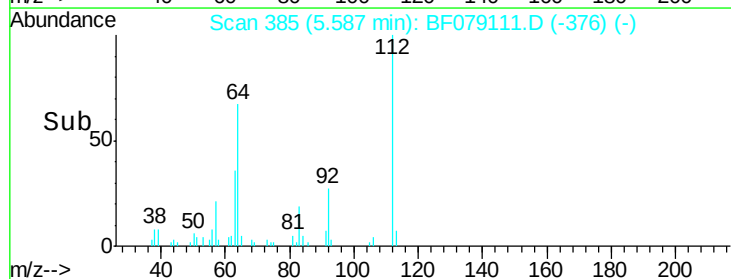
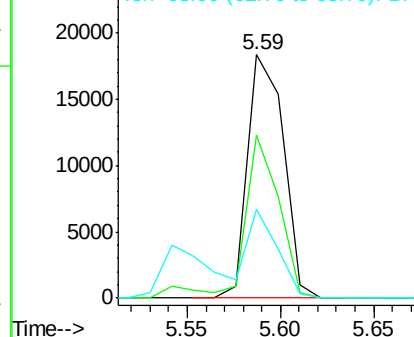
#5

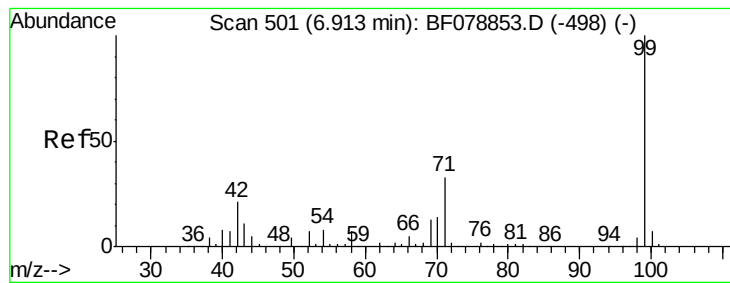
2-Fluorophenol
Concen: 8.46 ng
RT: 5.59 min Scan# 385
Delta R.T. -0.00 min
Lab File: BF079111.D
Acq: 11 May 2015 12:59

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 :

DFTPP

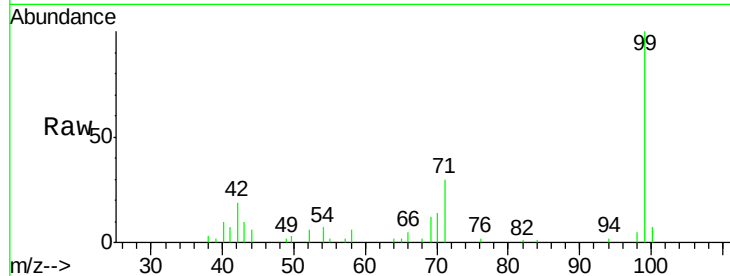
Tgt Ion: 99 Resp: 20452

Ion Ratio Lower Upper

99 100

42 19.1 12.8 19.2

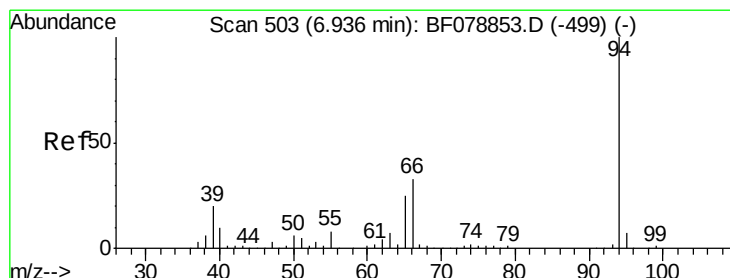
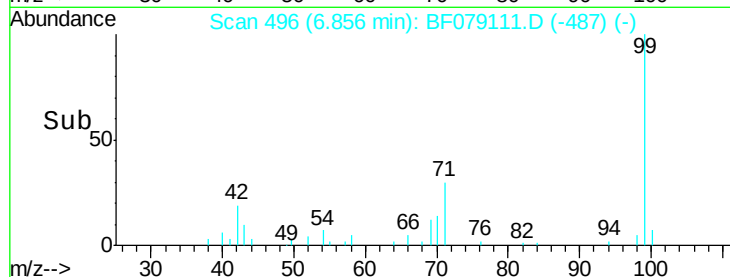
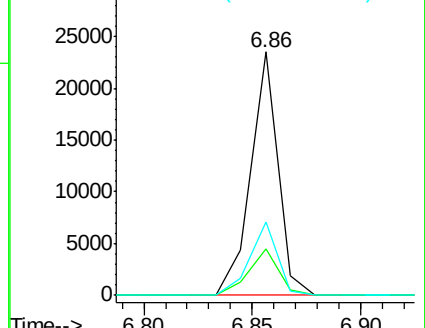
71 29.9 23.4 35.2



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

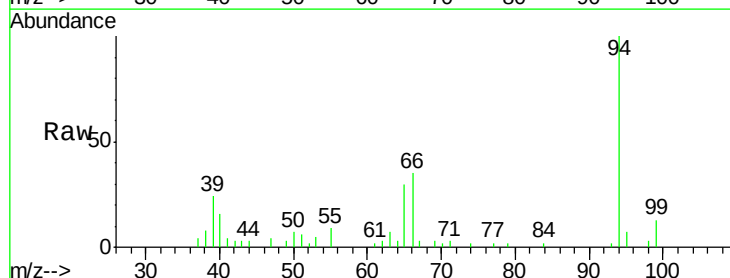
Tgt Ion: 94 Resp: 15918

Ion Ratio Lower Upper

94 100

65 29.5 8.5 48.5

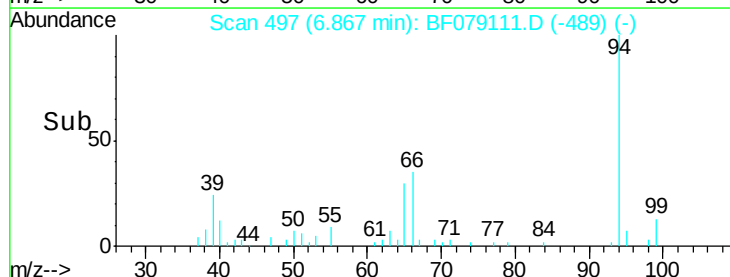
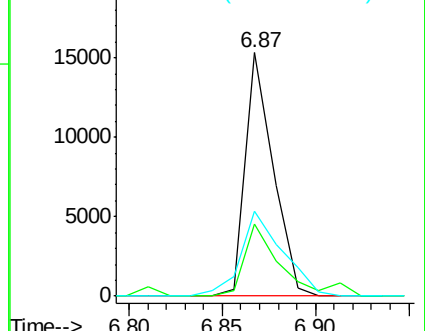
66 35.1 16.0 56.0

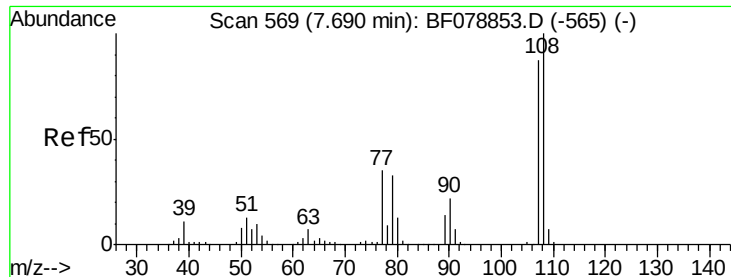


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#17

2-Methylphenol

Concen: 4.05 ng

RT: 7.62 min Scan# 563

Delta R.T. -0.00 min

Lab File: BF079111.D

Acq: 11 May 2015 12:59

Instrument :

BNA_F

ClientSampleId :

DFTPP

Tgt Ion:107 Resp: 10656

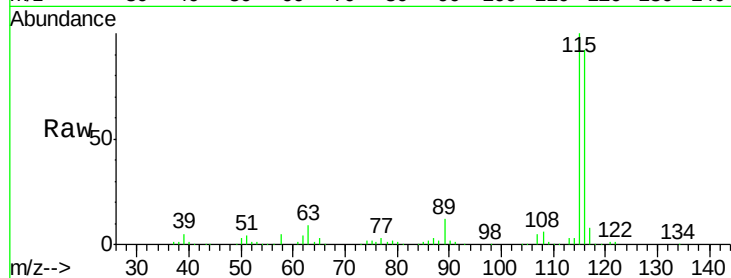
Ion Ratio Lower Upper

107 100

108 117.8 94.9 142.3

77 53.0 36.2 54.4

79 43.8 35.2 52.8

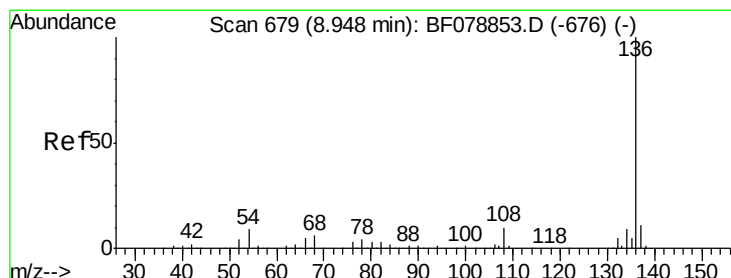
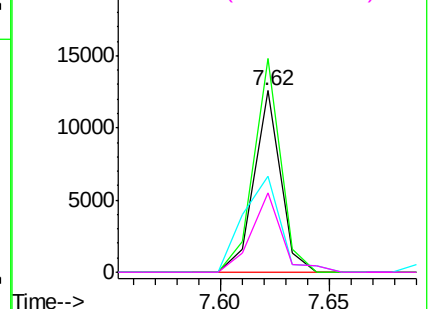
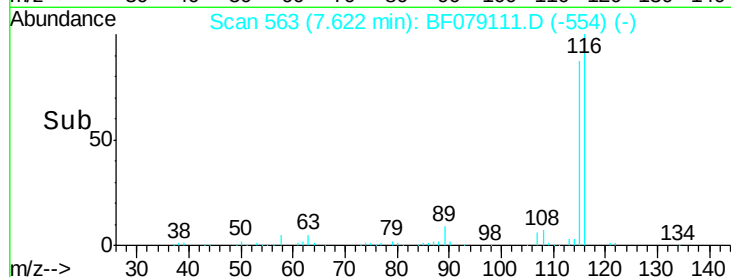


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): 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

Tgt Ion:136 Resp: 208309

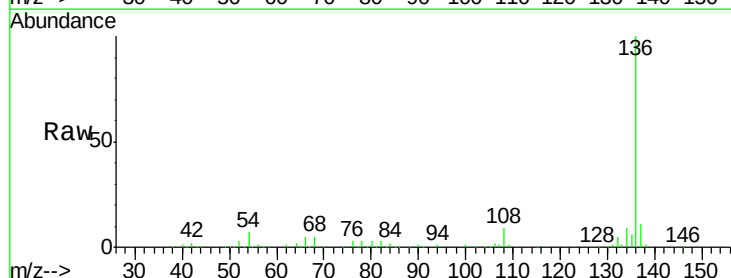
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 6.6 5.8 8.8

68 5.2 4.2 6.4

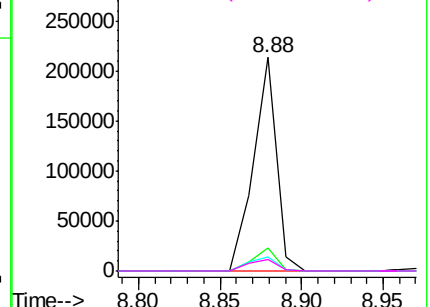
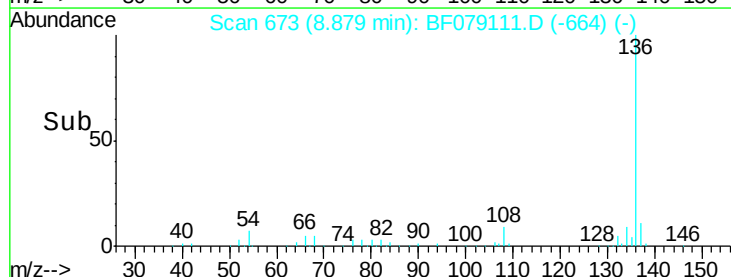


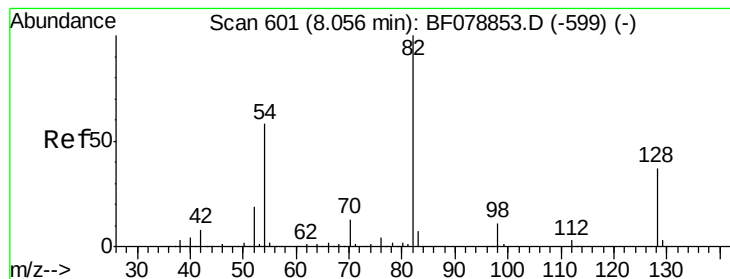
Abundance Ion 136.00 (135.70 to 136.70): E

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

Instrument :

BNA_F

ClientSampleId :

DFTPP

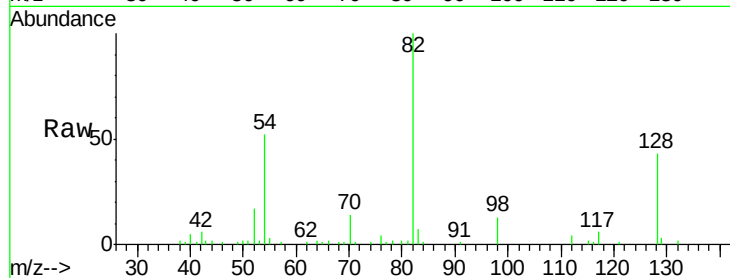
Tgt Ion: 82 Resp: 39395

Ion Ratio Lower Upper

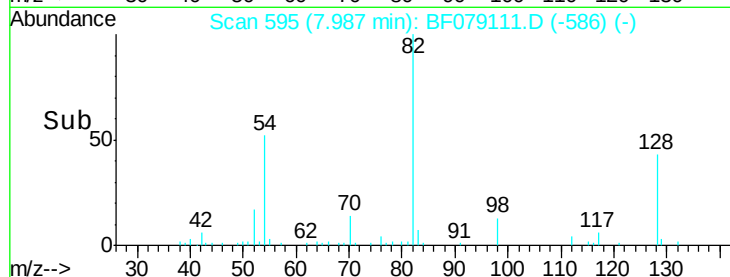
82 100

128 42.5 30.0 45.0

54 52.4 46.4 69.6



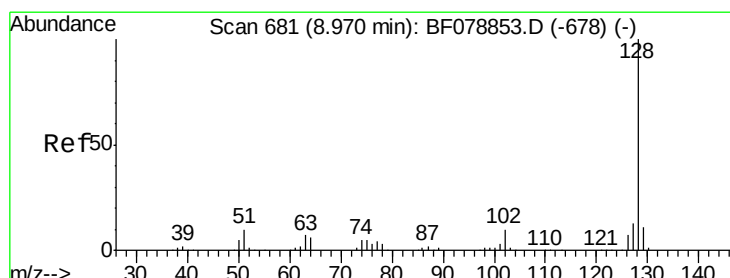
Abundance Ion 82.00 (81.70 to 82.70): BF079111.D (-586) (-)



Ion 128.00 (127.70 to 128.70): BF079111.D (-586) (-)

Ion 54.00 (53.70 to 54.70): BF079111.D (-586) (-)

Time-->



#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

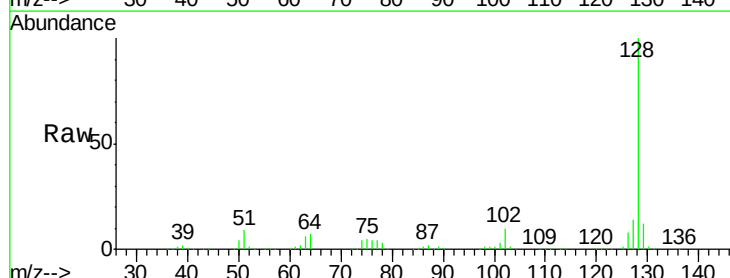
Tgt Ion: 128 Resp: 1472025

Ion Ratio Lower Upper

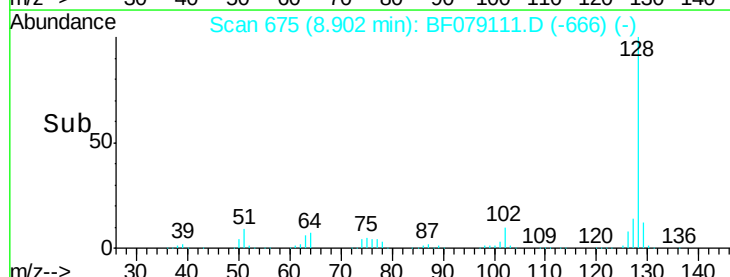
128 100

129 12.1 9.3 13.9

127 13.9 10.7 16.1



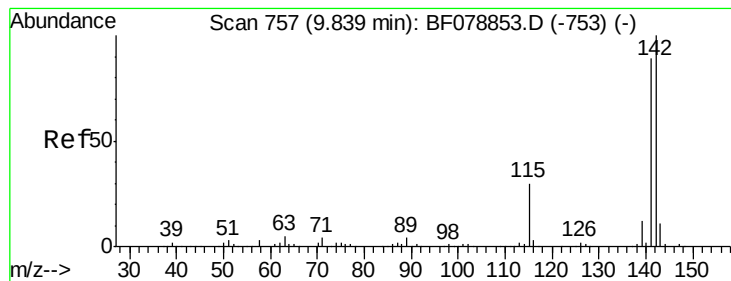
Abundance Ion 128.00 (127.70 to 128.70): BF079111.D (-666) (-)



Ion 129.00 (128.70 to 129.70): BF079111.D (-666) (-)

Ion 127.00 (126.70 to 127.70): BF079111.D (-666) (-)

Time-->



#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

Instrument :

BNA_F

ClientSampleId :

DFTPP

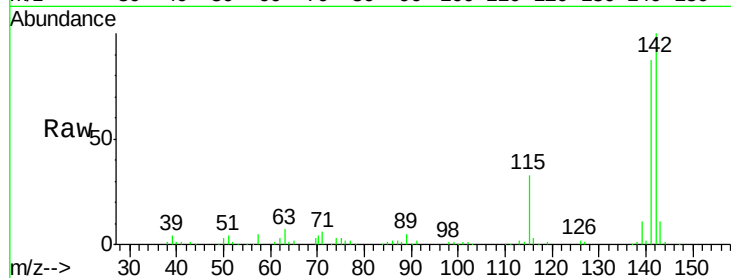
Tgt Ion:142 Resp: 101872

Ion Ratio Lower Upper

142 100

141 87.3 70.9 106.3

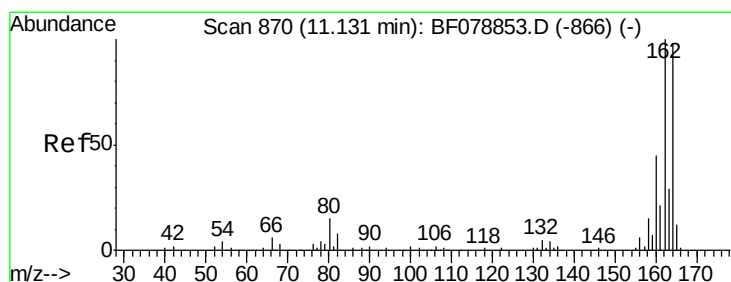
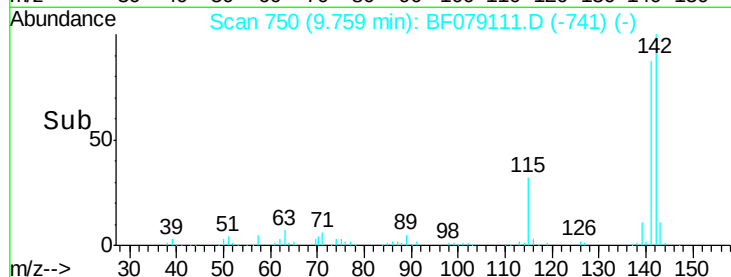
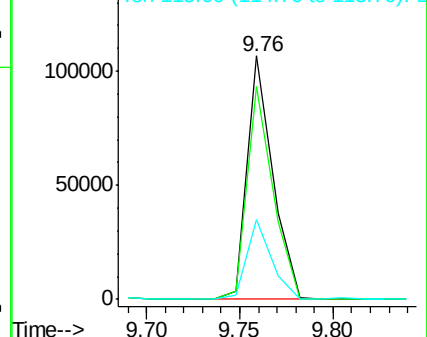
115 32.9 28.5 42.7



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

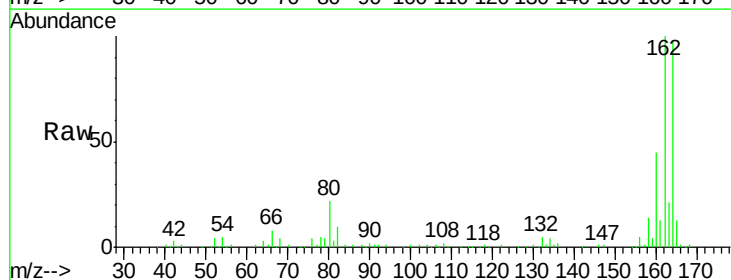
Tgt Ion:164 Resp: 106382

Ion Ratio Lower Upper

164 100

162 102.2 82.7 124.1

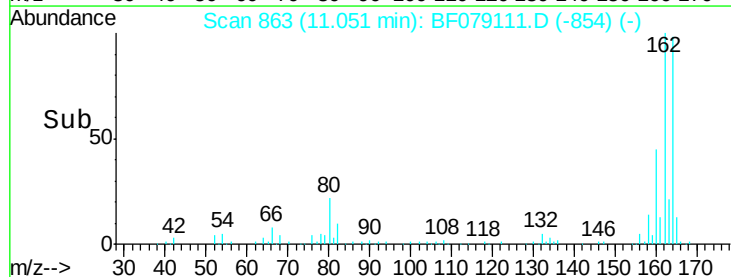
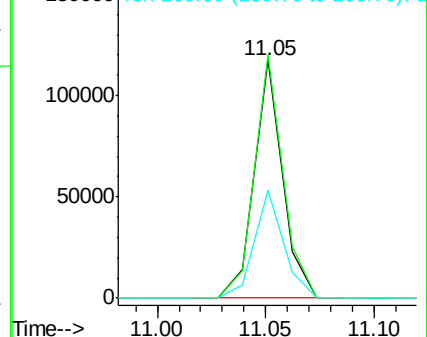
160 45.5 35.8 53.8

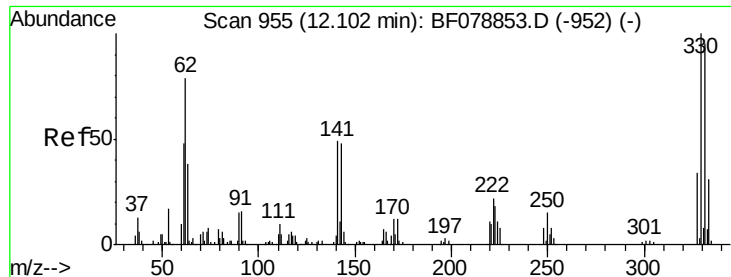


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

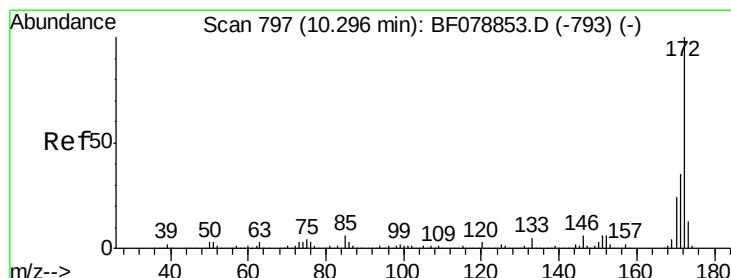
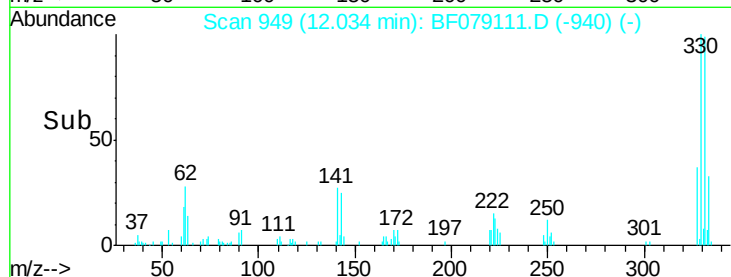
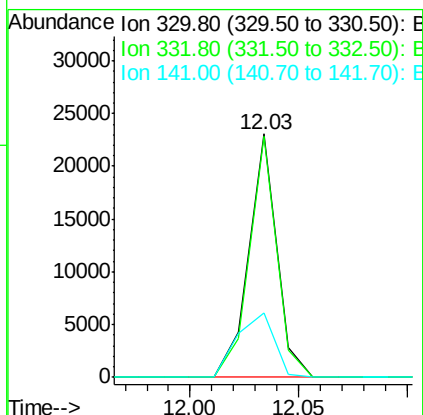
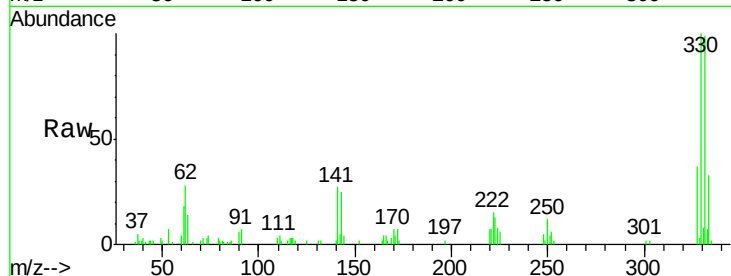




#41
 2,4,6-Tribromophenol
 Concen: 17.96 ng
 RT: 12.03 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: BF079111.D
 Acq: 11 May 2015 12:59

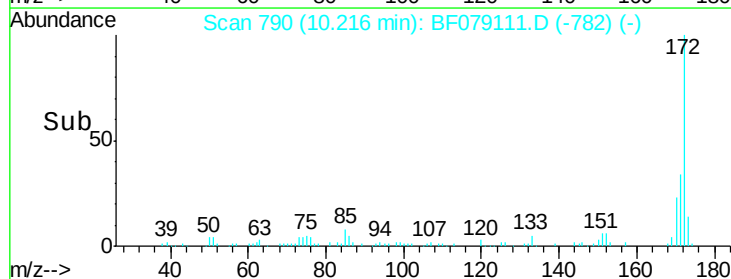
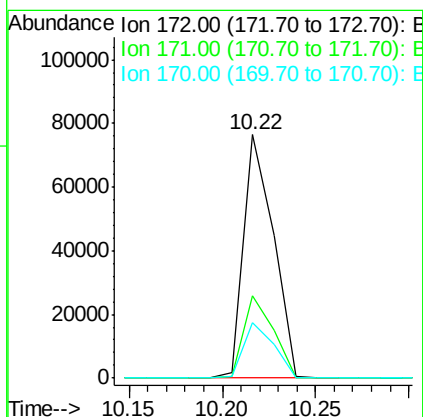
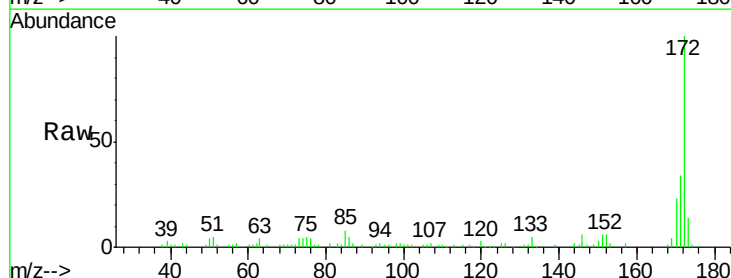
Instrument :
 BNA_F
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 DFTPP

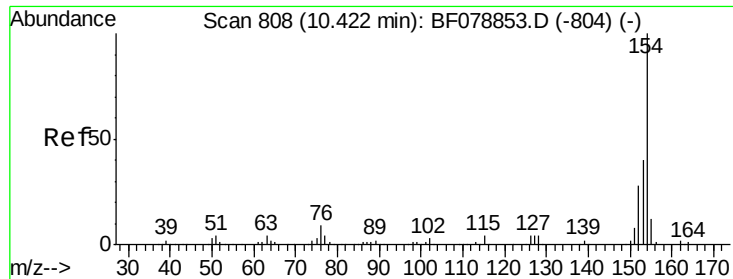
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	0.0	0.0#
141	35.2	0.0	0.0#



#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

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.6	27.9	41.9
170	23.0	19.4	29.0

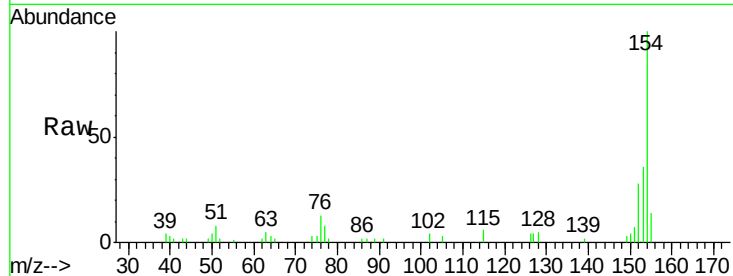




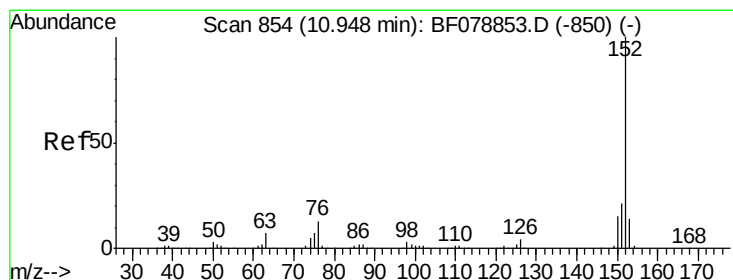
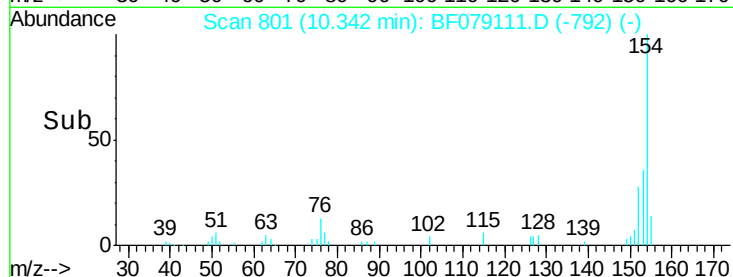
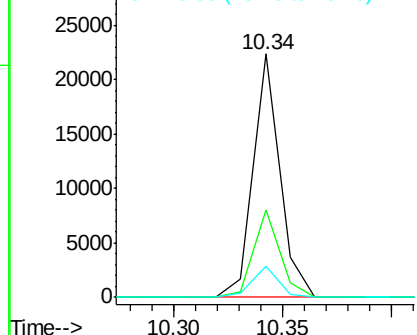
#45
 1,1'-Biphenyl
 Concen: 2.25 ng
 RT: 10.34 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BF079111.D
 Acq: 11 May 2015 12:59

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

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

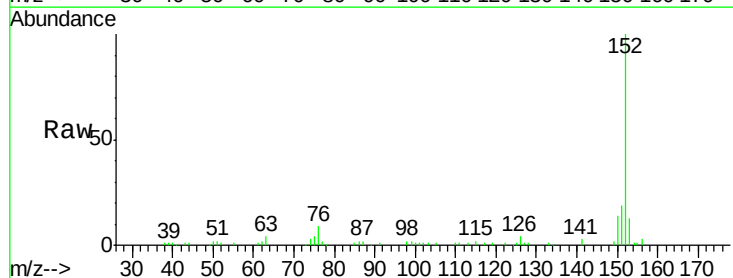


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

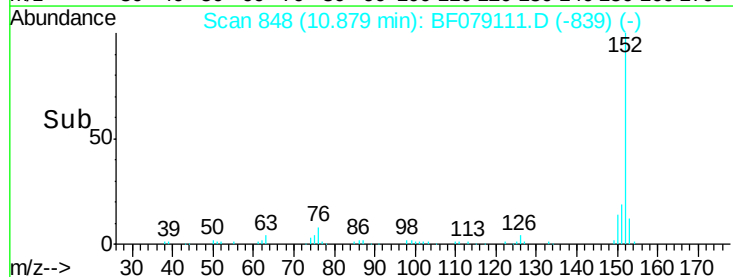
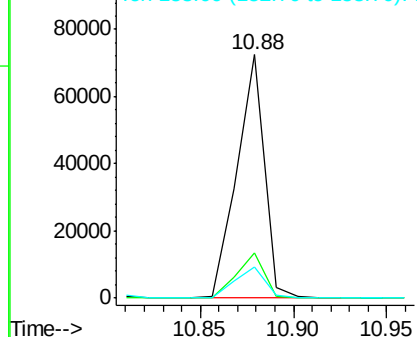


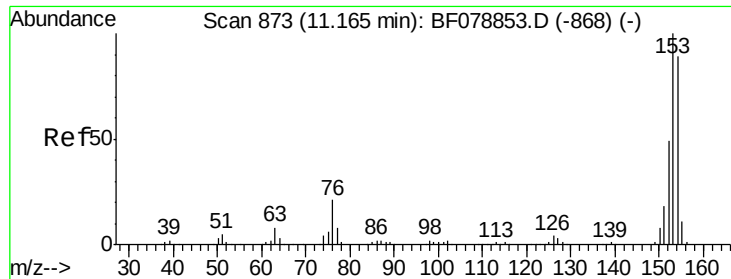
#48
 Acenaphthylene
 Concen: 6.89 ng
 RT: 10.88 min Scan# 848
 Delta R.T. -0.00 min
 Lab File: BF079111.D
 Acq: 11 May 2015 12:59

Tgt Ion:	152	Resp:	74671
Ion	Ratio	Lower	Upper
152	100		
151	18.7	16.2	24.4
153	12.6	10.9	16.3



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E
 Ion 153.00 (152.70 to 153.70): E





#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

Instrument :

BNA_F

ClientSampleId :

DFTPP

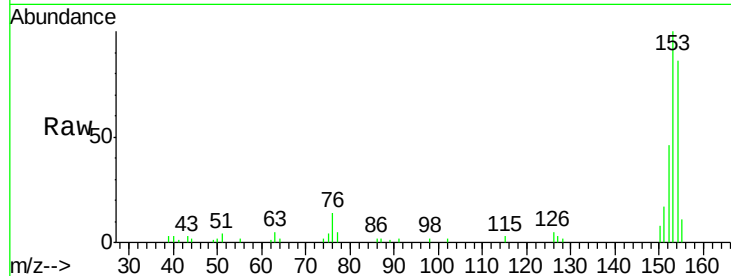
Tgt Ion:154 Resp: 28100

Ion Ratio Lower Upper

154 100

153 115.9 91.5 137.3

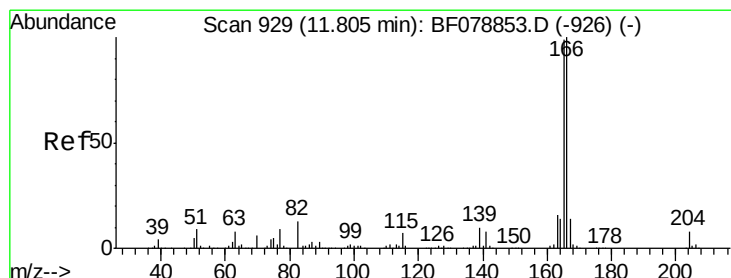
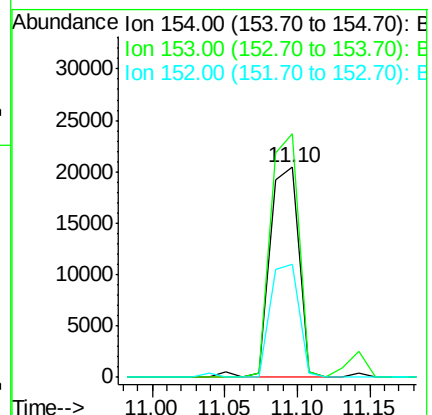
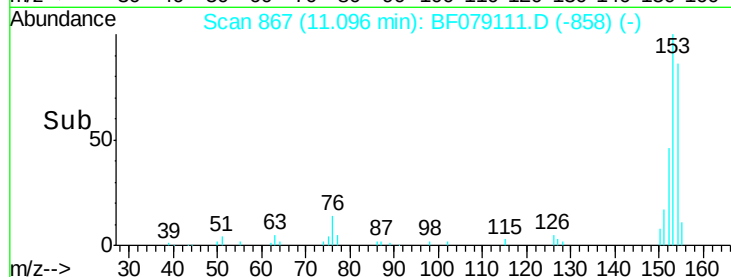
152 53.6 44.2 66.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#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

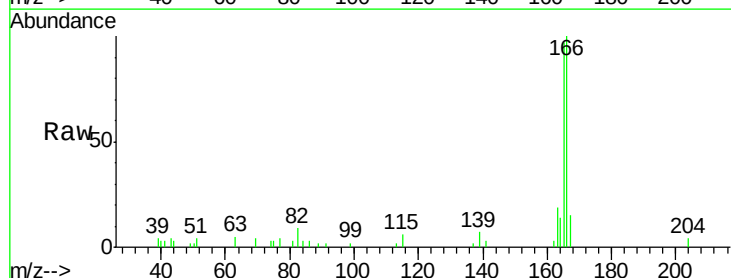
Tgt Ion:166 Resp: 18548

Ion Ratio Lower Upper

166 100

165 97.5 78.5 117.7

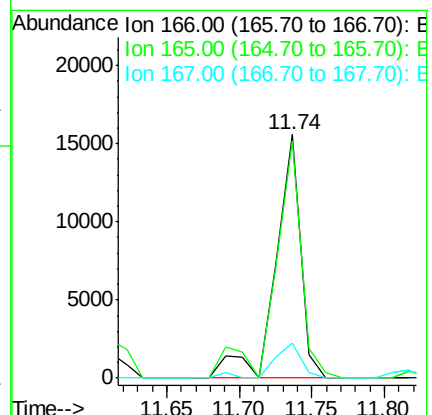
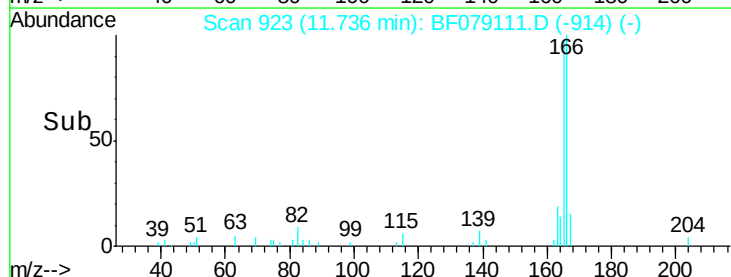
167 14.6 11.0 16.6

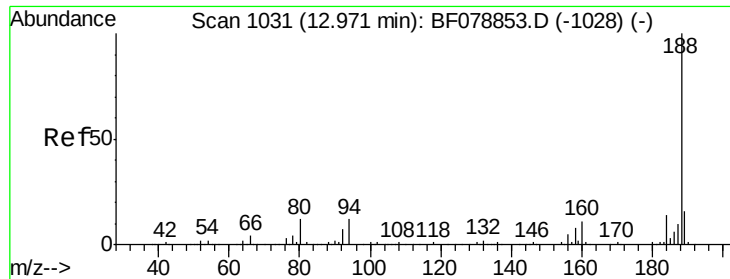


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

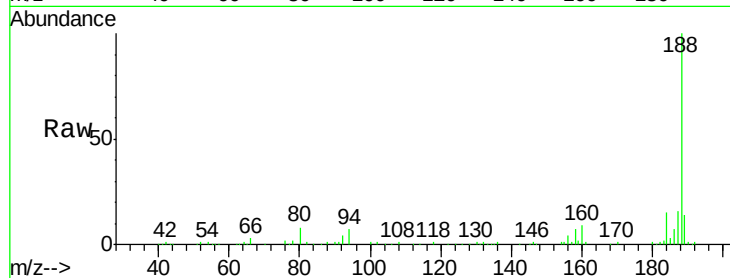




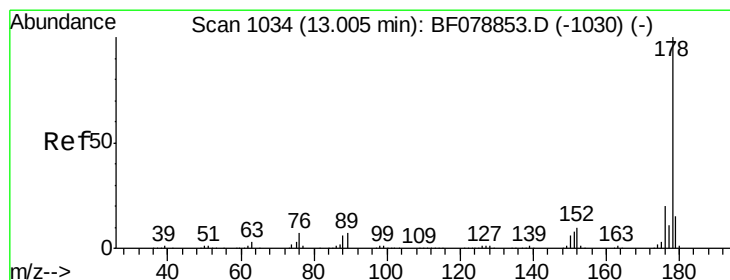
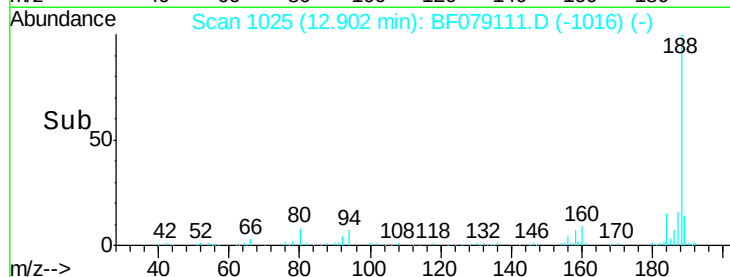
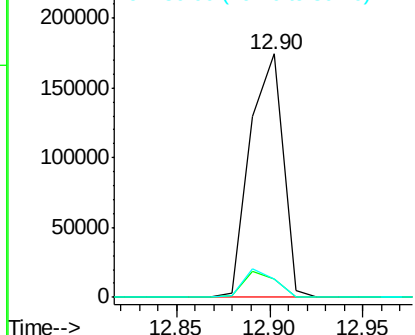
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.90 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BF079111.D
Acq: 11 May 2015 12:59

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.5	8.2	12.2#
80	7.7	8.9	13.3#

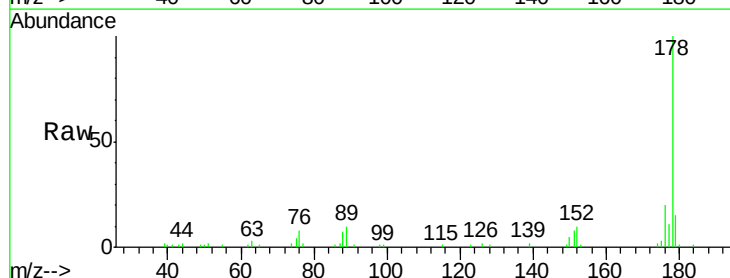


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

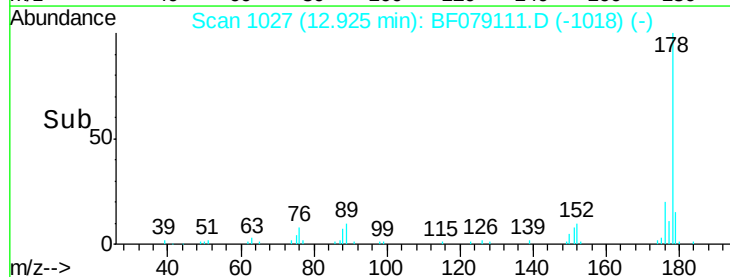
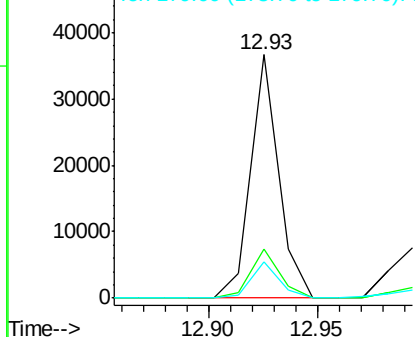


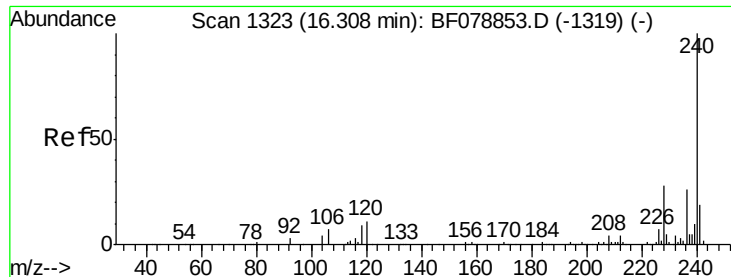
#70
Phenanthrene
Concen: 2.74 ng
RT: 12.93 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF079111.D
Acq: 11 May 2015 12:59

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	15.1	12.5	18.7



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

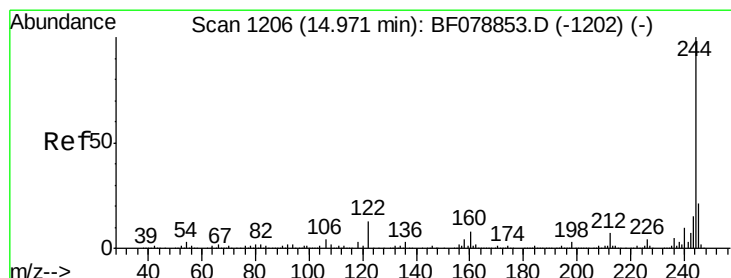
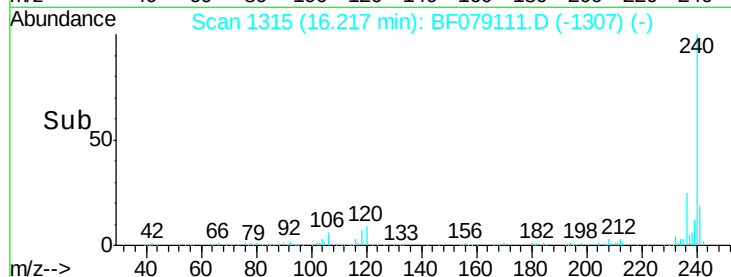
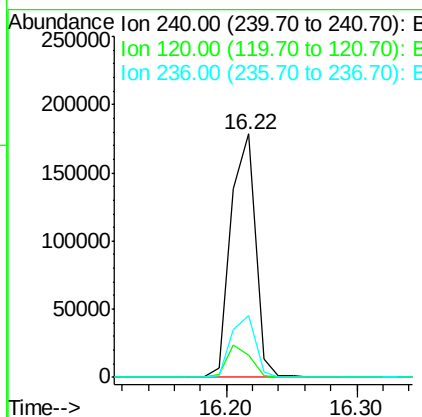
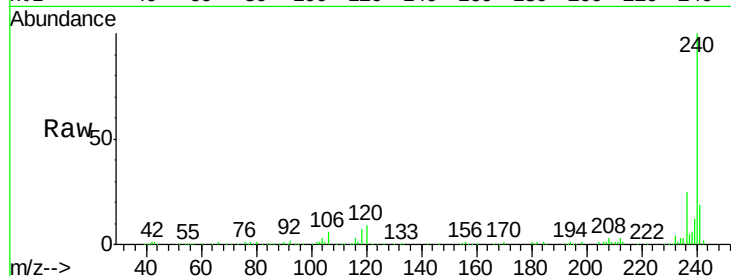




#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.22 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF079111.D
Acq: 11 May 2015 12:59

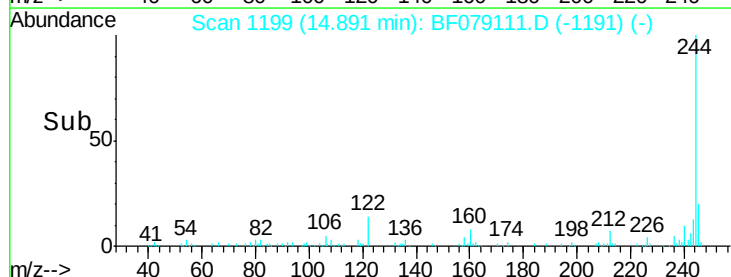
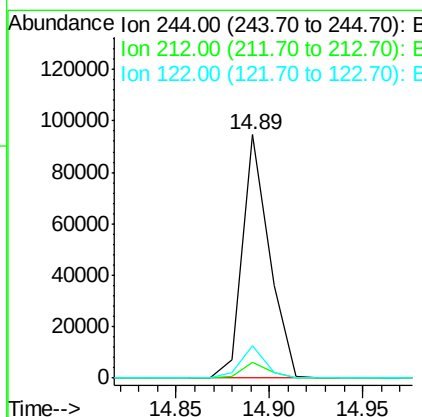
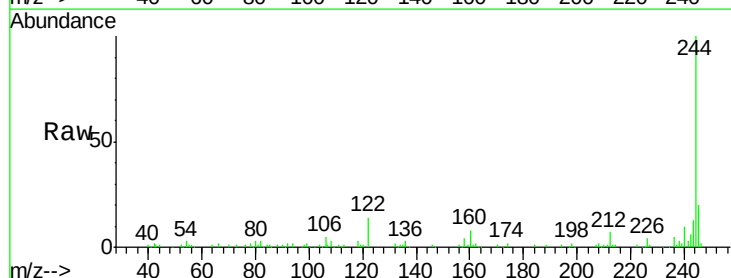
Instrument :
BNA_F
ClientSampleId :
DFTPP

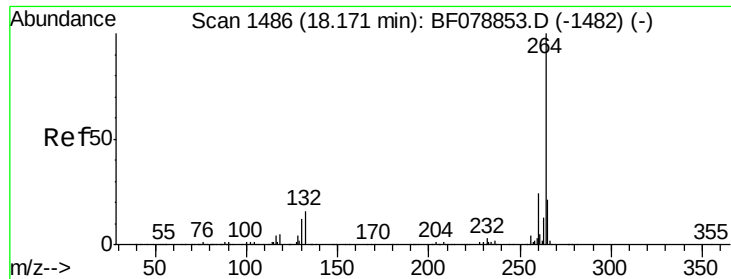
Tgt Ion:240 Resp: 233709
Ion Ratio Lower Upper
240 100
120 9.2 9.7 14.5#
236 25.4 20.2 30.4



#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

Tgt Ion:244 Resp: 95067
Ion Ratio Lower Upper
244 100
212 6.6 5.6 8.4
122 13.5 10.3 15.5





#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

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	22.1	18.3	27.5

