

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031315\
 Data File : BF077741.D
 Acq On : 13 Mar 2015 15:53
 Operator : TP/IZ
 Sample : G1517-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW2

Quant Time: Mar 13 23:24:10 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 13 14:04:45 2015
 Response via : Initial Calibration

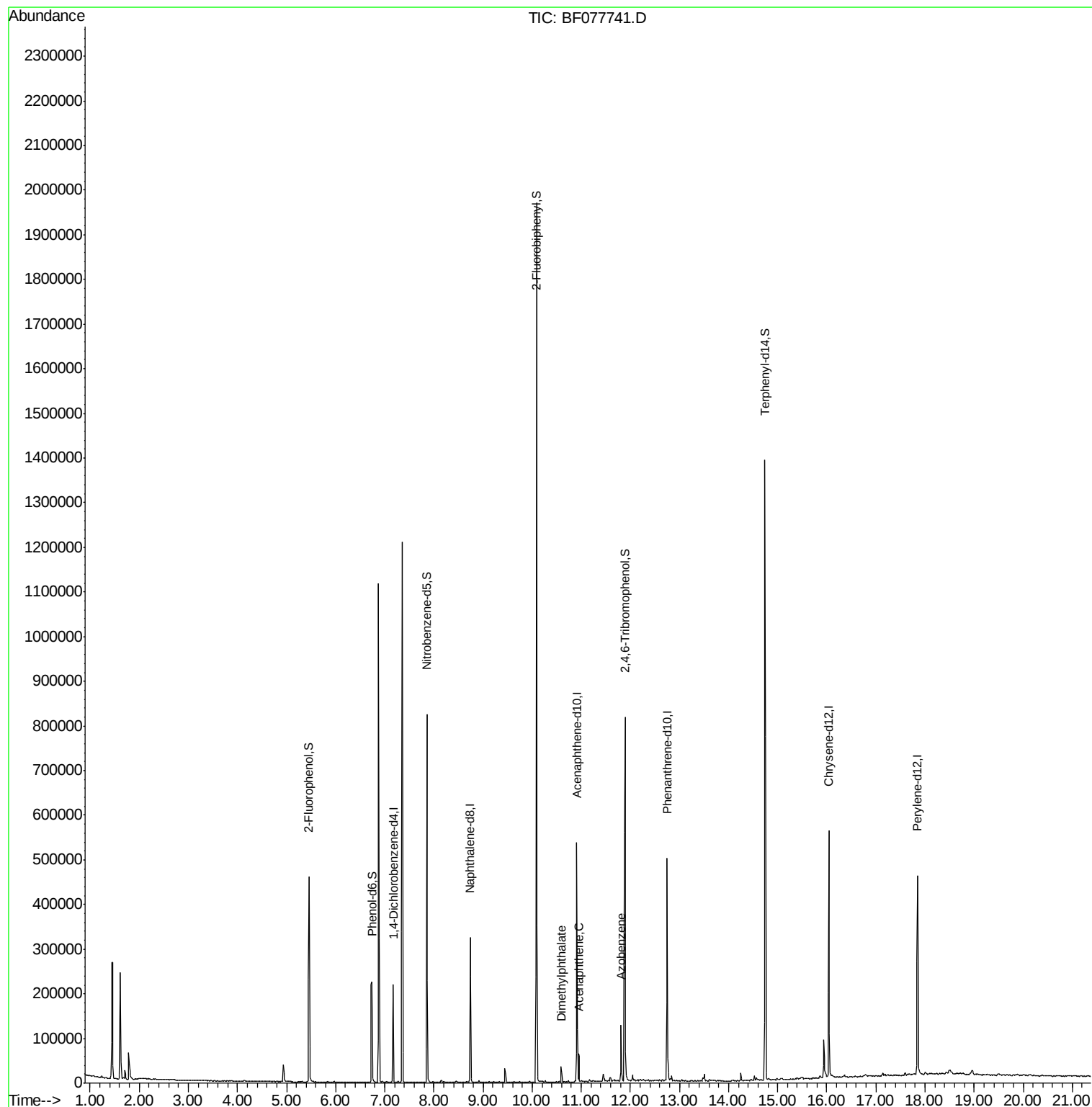
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.17	152	51758	20.00	ng	0.00
21) Naphthalene-d8	8.74	136	205047	20.00	ng	-0.01
38) Acenaphthene-d10	10.91	164	108744	20.00	ng	0.00
63) Phenanthrene-d10	12.75	188	204248	20.00	ng	0.00
75) Chrysene-d12	16.04	240	220195	20.00	ng	0.01
86) Perylene-d12	17.85	264	212229	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	169945	57.31	ng	0.00
7) Phenol-d6	6.74	99	127882	34.91	ng	0.00
23) Nitrobenzene-d5	7.86	82	272425	87.09	ng	0.00
41) 2,4,6-Tribromophenol	11.89	330	123532	118.73	ng	0.00
44) 2-Fluorobiphenyl	10.09	172	624676	84.42	ng	0.00
78) Terphenyl-d14	14.74	244	556913	61.78	ng	0.00
Target Compounds						
49) Dimethylphthalate	10.59	163	19724	2.45	ng	99
51) Acenaphthene	10.96	154	21788	3.23	ng	97
62) Azobenzene	11.81	77	24527	3.27	ng	# 1

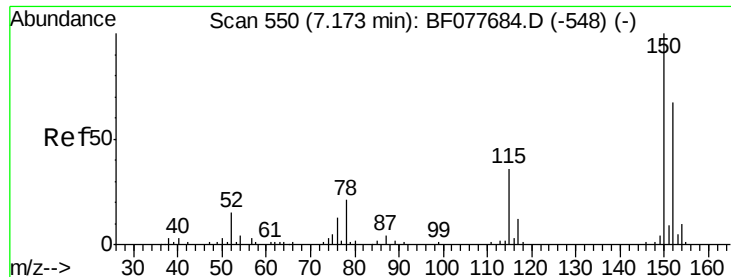
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 13 14:04:45 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.17 min Scan# 550

Delta R.T. 0.00 min

Lab File: BF077741.D

Acq: 13 Mar 2015 15:53

Instrument :

BNA_F

ClientSampleId :

MW2

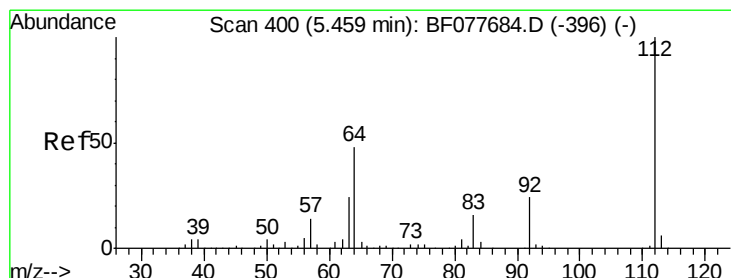
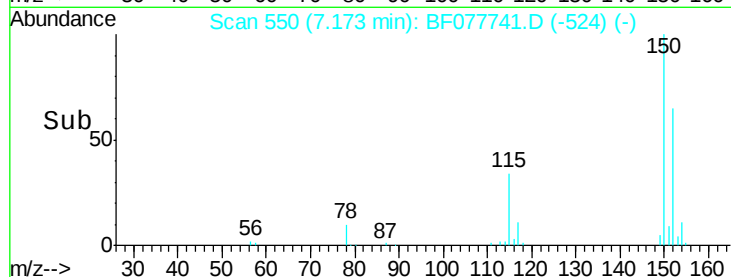
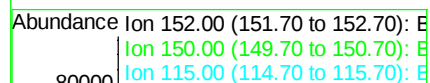
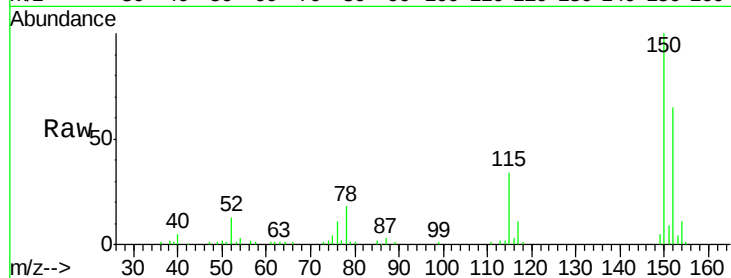
Tgt Ion:152 Resp: 51758

Ion Ratio Lower Upper

152 100

150 152.7 119.5 179.3

115 51.7 43.0 64.4



#5

2-Fluorophenol

Concen: 57.31 ng

RT: 5.46 min Scan# 400

Delta R.T. 0.00 min

Lab File: BF077741.D

Acq: 13 Mar 2015 15:53

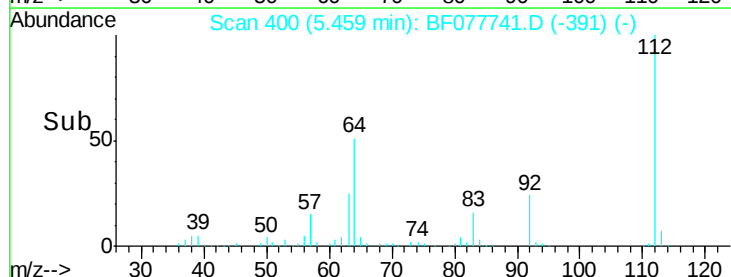
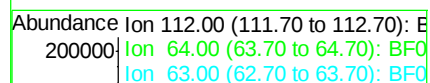
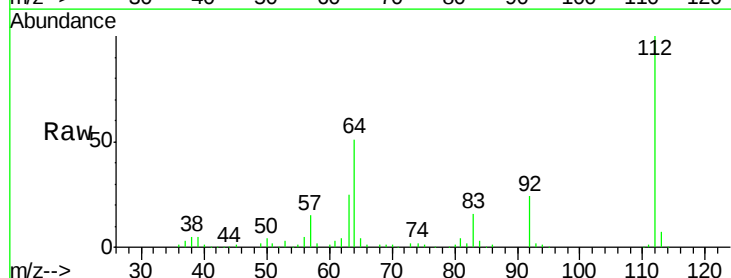
Tgt Ion:112 Resp: 169945

Ion Ratio Lower Upper

112 100

64 51.1 38.6 57.8

63 24.8 19.3 28.9





#7

Phenol-d6

Concen: 34.91 ng

RT: 6.74 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF077741.D

Acq: 13 Mar 2015 15:53

Instrument :

BNA_F

ClientSampleId :

MW2

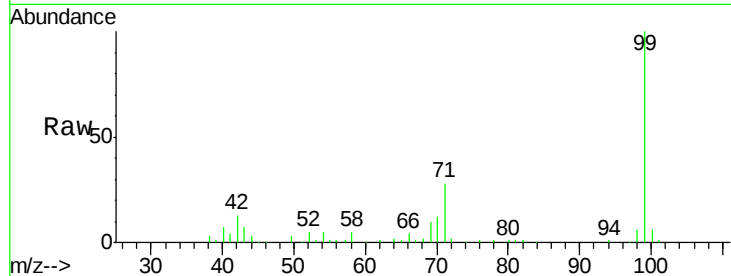
Tgt Ion: 99 Resp: 127882

Ion Ratio Lower Upper

99 100

42 13.0 11.0 16.4

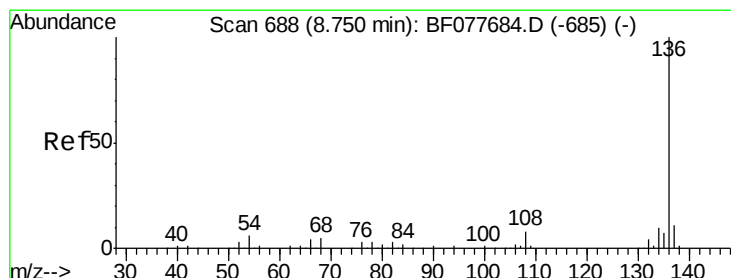
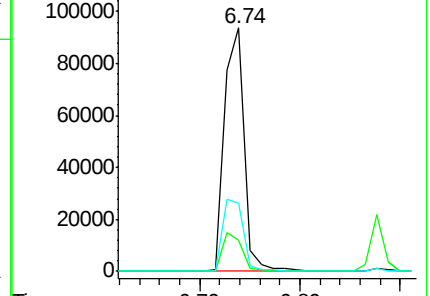
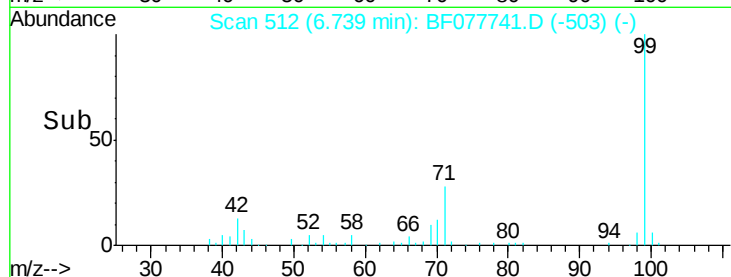
71 27.8 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF077741.D (-503) (-)

Ion 42.00 (41.70 to 42.70): BF077741.D (-503) (-)

Ion 71.00 (70.70 to 71.70): BF077741.D (-503) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.74 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF077741.D

Acq: 13 Mar 2015 15:53

Tgt Ion: 136 Resp: 205047

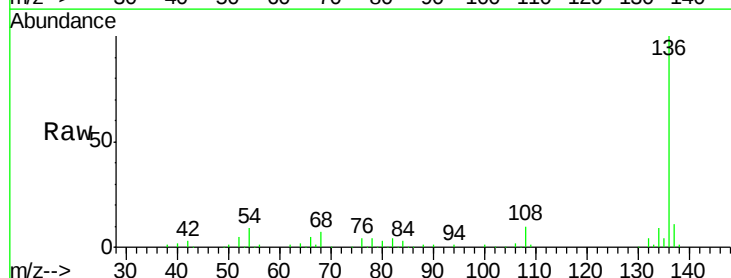
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 9.2 4.6 6.8#

68 7.2 3.7 5.5#

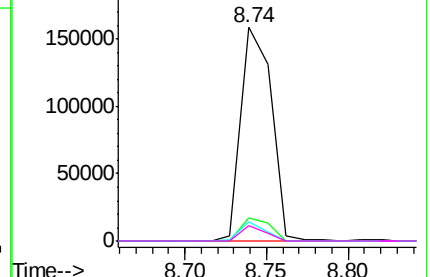
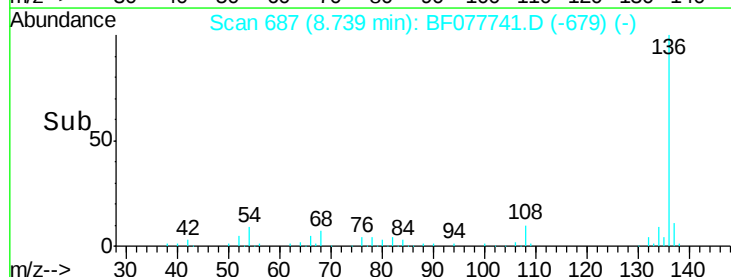


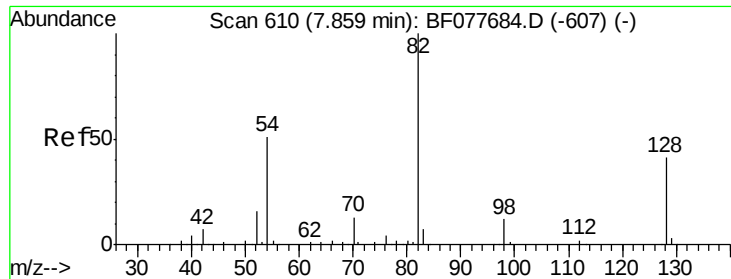
Abundance Ion 136.00 (135.70 to 136.70): BF077741.D (-679) (-)

Ion 137.00 (136.70 to 137.70): BF077741.D (-679) (-)

Ion 54.00 (53.70 to 54.70): BF077741.D (-679) (-)

Ion 68.00 (67.70 to 68.70): BF077741.D (-679) (-)

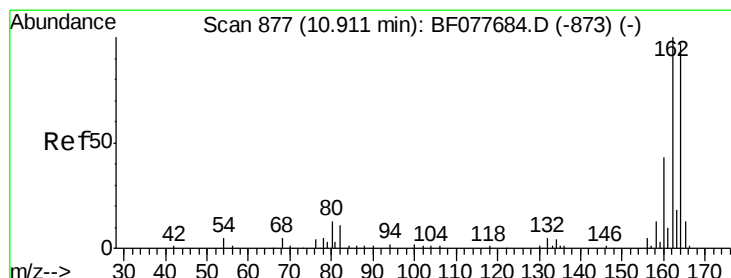
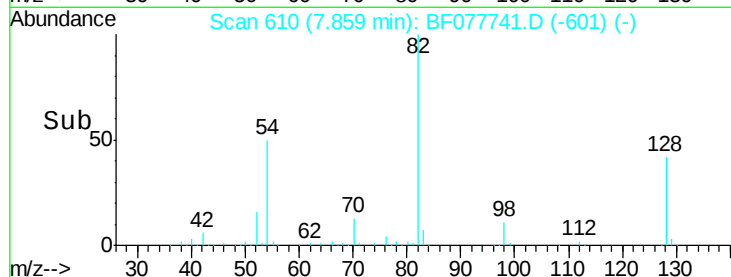
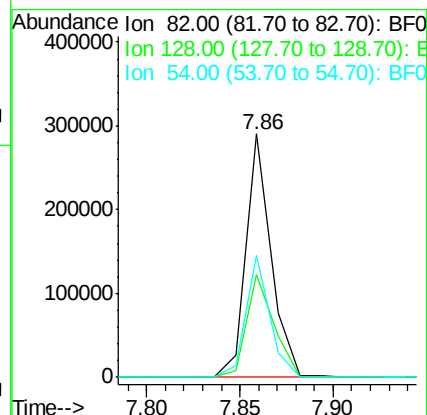
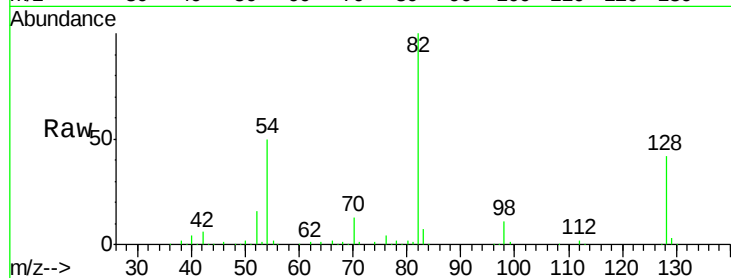




#23
 Nitrobenzene-d5
 Concen: 87.09 ng
 RT: 7.86 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF077741.D
 Acq: 13 Mar 2015 15:53

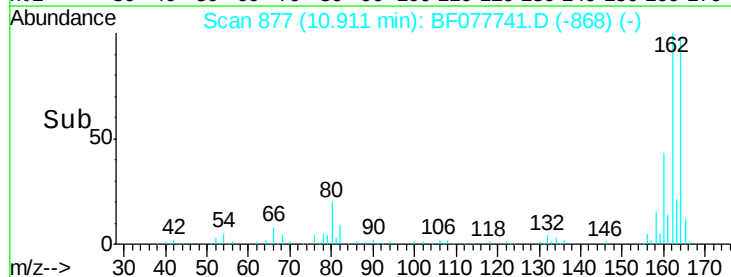
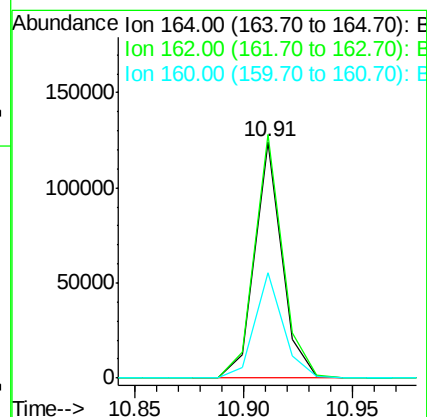
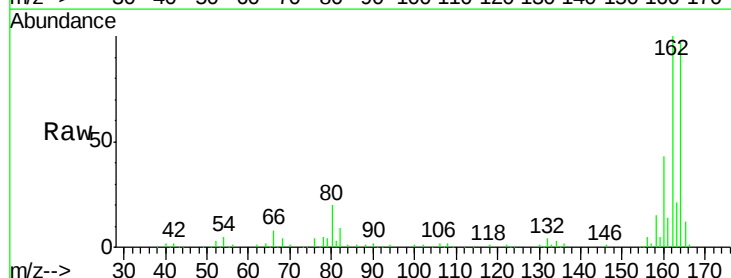
Instrument :
 BNA_F
 ClientSampleId :
 MW2

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.2	32.8	49.2
54	50.1	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.91 min Scan# 877
 Delta R.T. 0.00 min
 Lab File: BF077741.D
 Acq: 13 Mar 2015 15:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	82.4	123.6
160	44.8	35.8	53.6

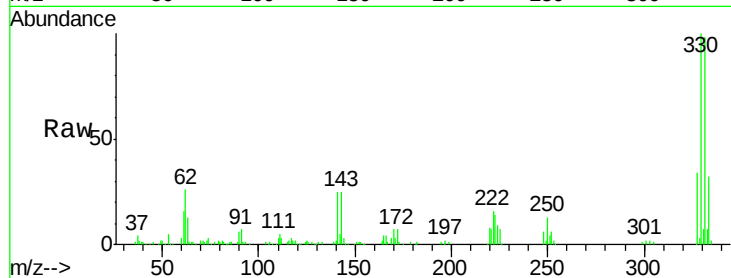




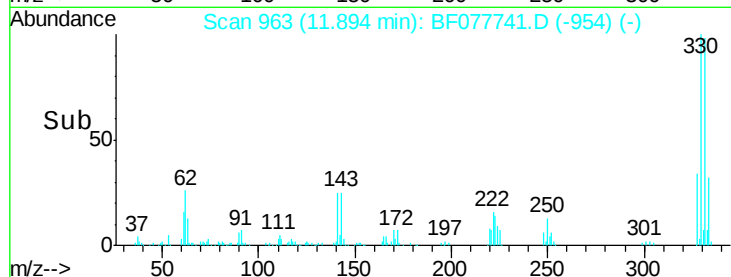
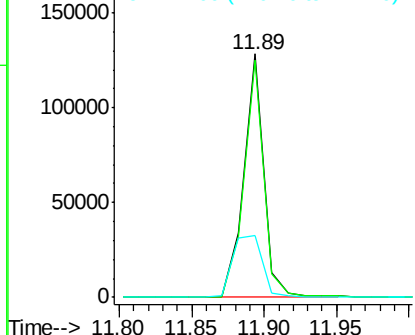
#41
 2,4,6-Tribromophenol
 Concen: 118.73 ng
 RT: 11.89 min Scan# 963
 Delta R.T. 0.00 min
 Lab File: BF077741.D
 Acq: 13 Mar 2015 15:53

Instrument :
 BNA_F
 ClientSampleId :
 MW2

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	0.0	0.0#
141	38.1	0.0	0.0#

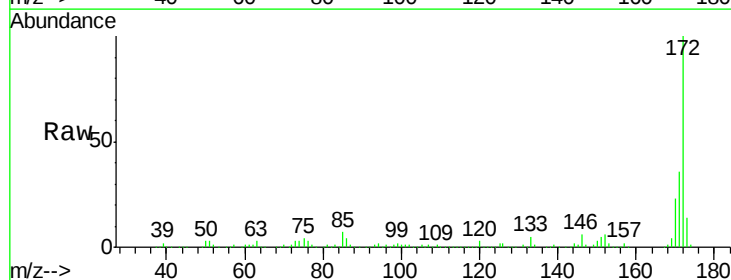


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

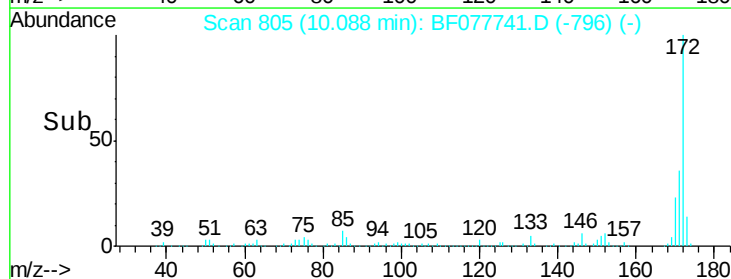
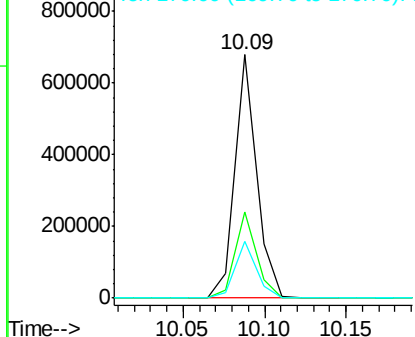


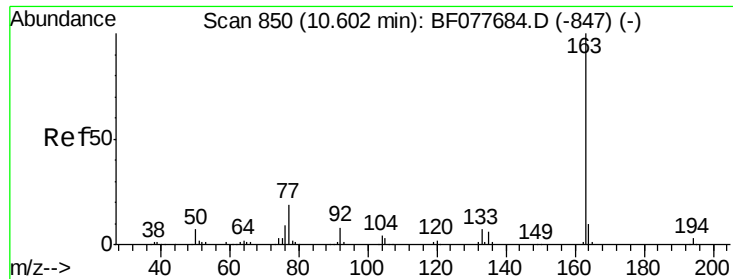
#44
 2-Fluorobiphenyl
 Concen: 84.42 ng
 RT: 10.09 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF077741.D
 Acq: 13 Mar 2015 15:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.5	42.7
170	23.4	18.8	28.2



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

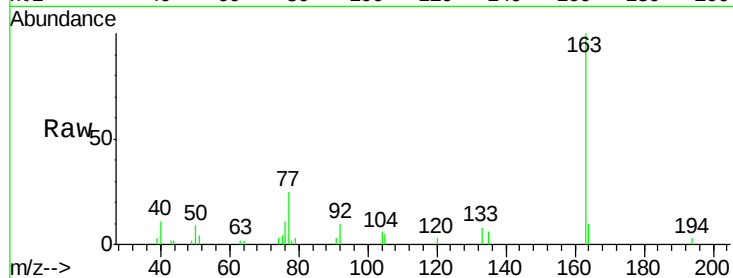




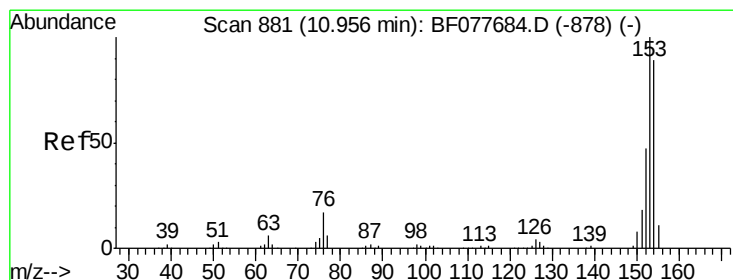
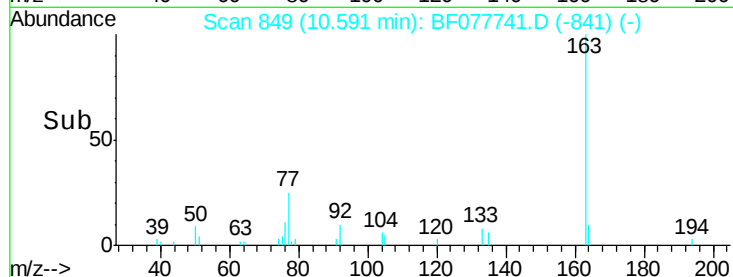
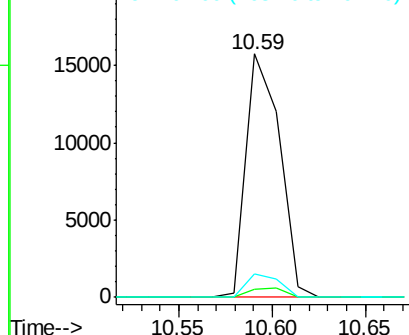
#49
Dimethylphthalate
Concen: 2.45 ng
RT: 10.59 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF077741.D
Acq: 13 Mar 2015 15:53

Instrument :
BNA_F
ClientSampleId :
MW2

Tgt Ion:163 Resp: 19724
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 9.7 8.2 12.2

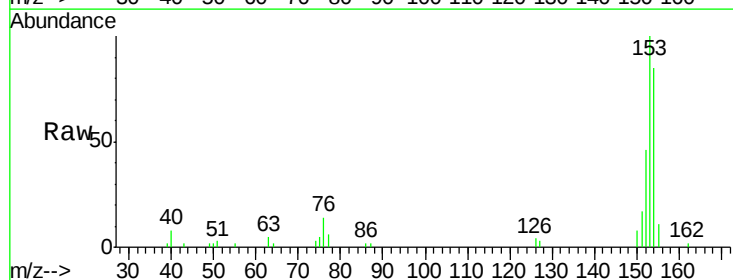


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

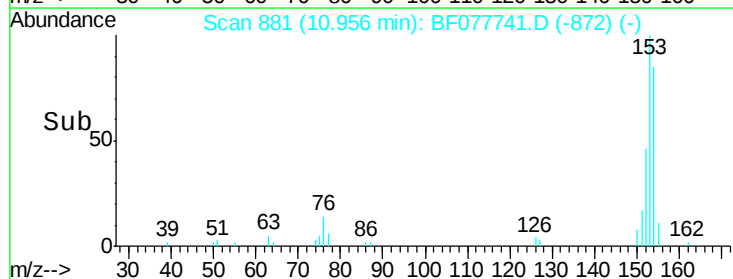
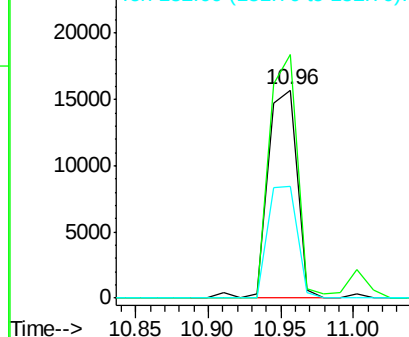


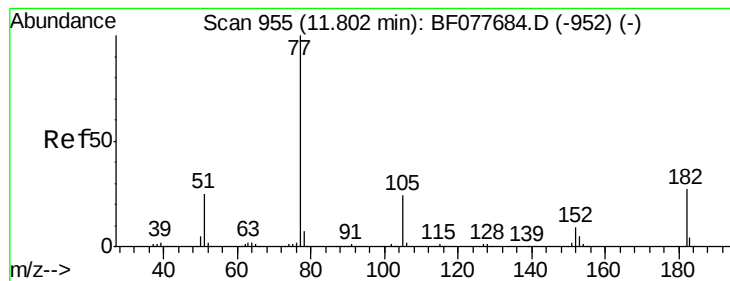
#51
Acenaphthene
Concen: 3.23 ng
RT: 10.96 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF077741.D
Acq: 13 Mar 2015 15:53

Tgt Ion:154 Resp: 21788
Ion Ratio Lower Upper
154 100
153 117.1 90.0 135.0
152 53.9 42.6 63.8



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





#62

Azobenzene

Concen: 3.27 ng

RT: 11.81 min Scan# 956

Delta R.T. 0.01 min

Lab File: BF077741.D

Acq: 13 Mar 2015 15:53

Instrument :

BNA_F

ClientSampleId :

MW2

Tgt Ion: 77 Resp: 24527

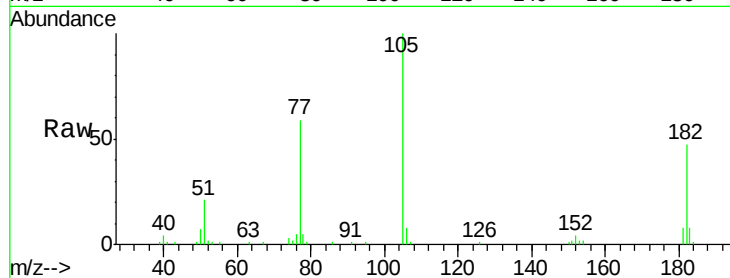
Ion Ratio Lower Upper

77 100

182 78.3 6.5 46.5#

105 168.2 3.8 43.8#

51 35.9 5.5 45.5

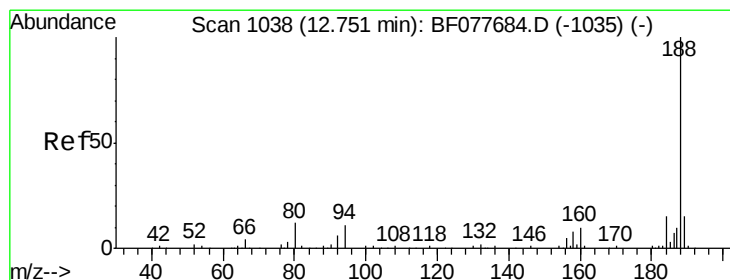
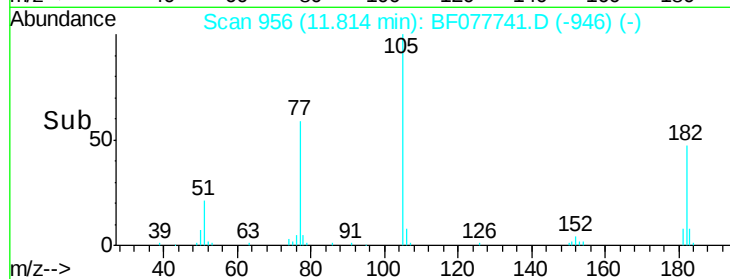
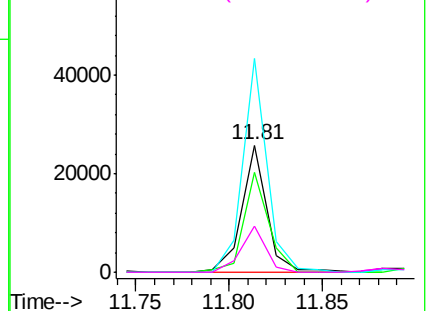


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.75 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF077741.D

Acq: 13 Mar 2015 15:53

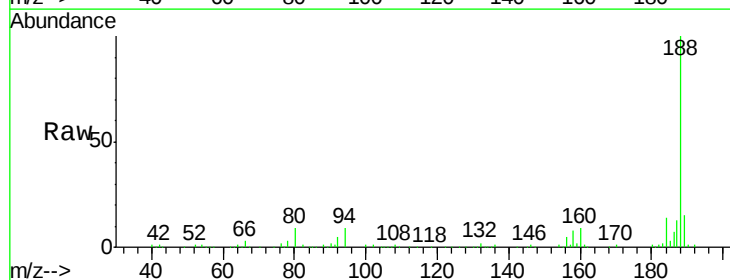
Tgt Ion: 188 Resp: 204248

Ion Ratio Lower Upper

188 100

94 8.5 8.7 13.1#

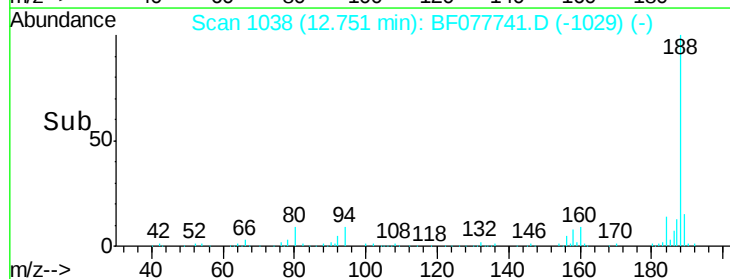
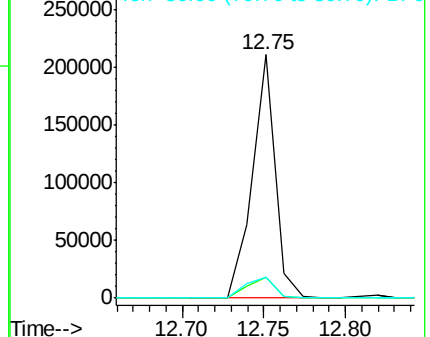
80 8.8 9.3 13.9#

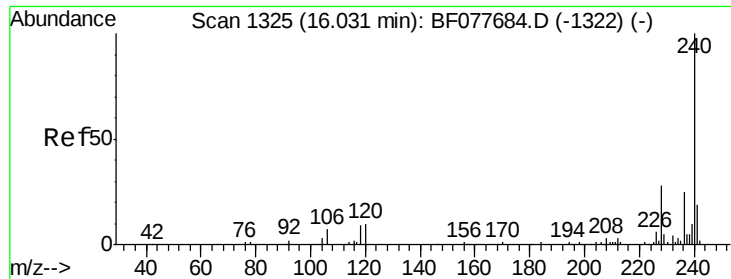


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

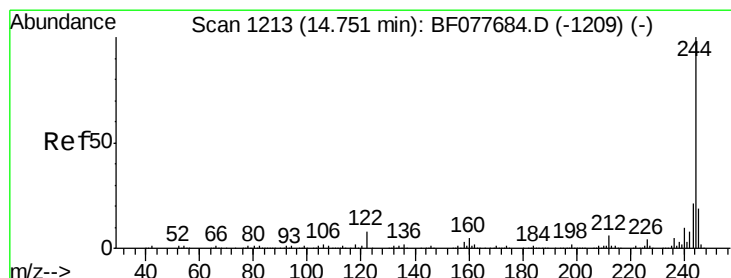
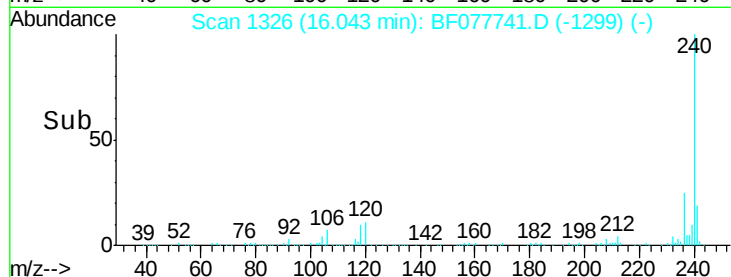
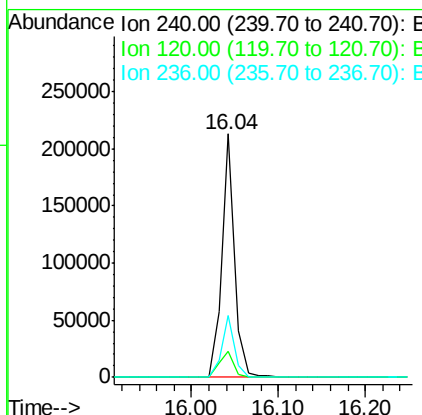
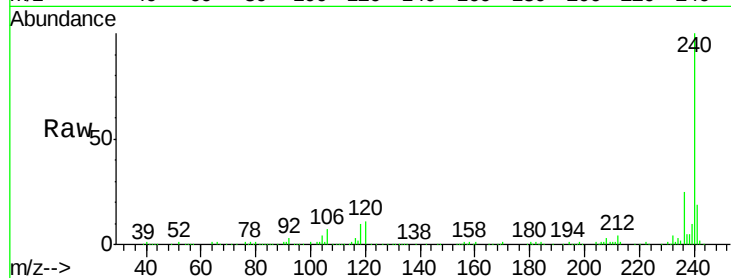




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.04 min Scan# 1326
 Delta R.T. 0.01 min
 Lab File: BF077741.D
 Acq: 13 Mar 2015 15:53

Instrument :
 BNA_F
 ClientSampleId :
 MW2

Tgt Ion:240 Resp: 220195
 Ion Ratio Lower Upper
 240 100
 120 10.7 8.2 12.2
 236 25.4 20.0 30.0



#78
 Terphenyl-d14
 Concen: 61.78 ng
 RT: 14.74 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF077741.D
 Acq: 13 Mar 2015 15:53

Tgt Ion:244 Resp: 556913
 Ion Ratio Lower Upper
 244 100
 212 7.3 4.9 7.3#
 122 15.0 6.2 9.4#

