

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 14 00:25:40 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

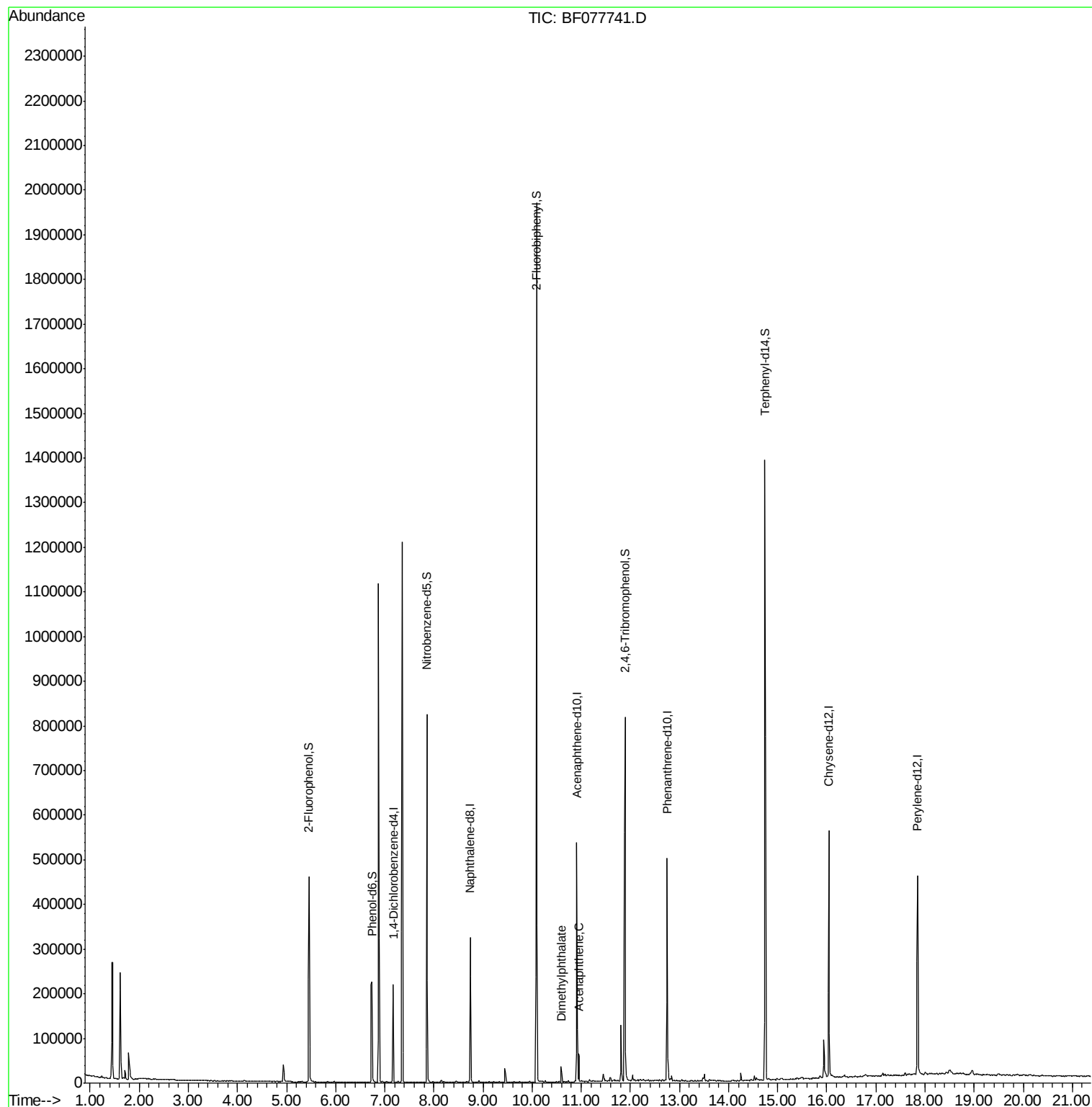
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.17	152	51758	20.00	ng	0.00
21) Naphthalene-d8	8.74	136	205047	20.00	ng	-0.01
38) Acenaphthene-d10	10.91	164	108744	20.00	ng	0.00
63) Phenanthrene-d10	12.75	188	204248	20.00	ng	0.00
75) Chrysene-d12	16.04	240	220195	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

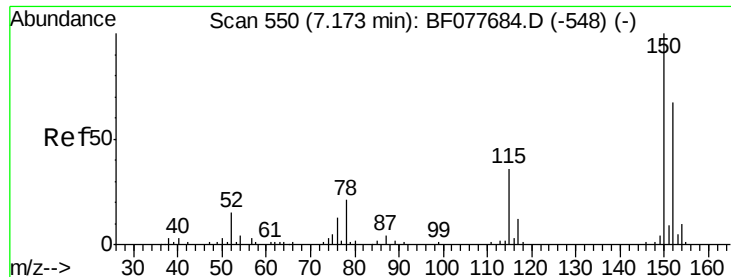
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 13 14:04:45 2015
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#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

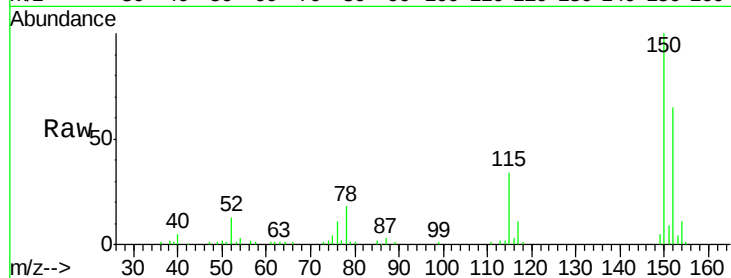
Tgt Ion:152 Resp: 51758

Ion Ratio Lower Upper

152 100

150 152.7 119.5 179.3

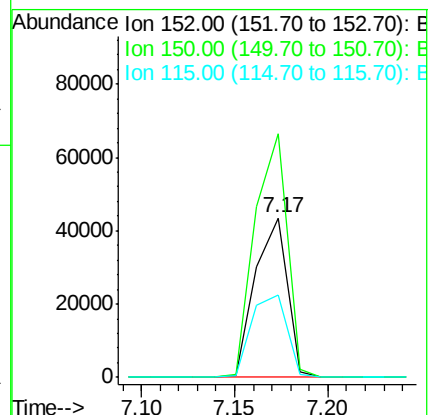
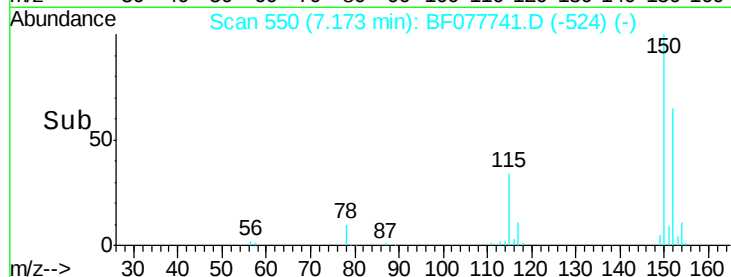
115 51.7 43.0 64.4



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: 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

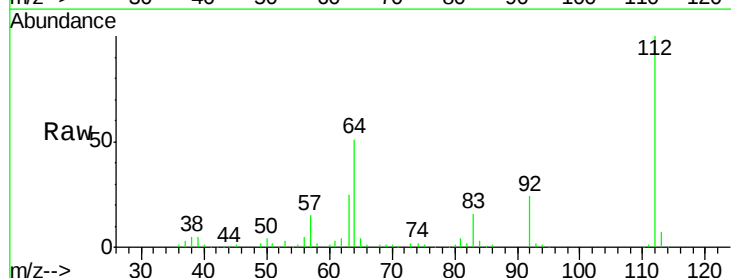
Tgt Ion:112 Resp: 169945

Ion Ratio Lower Upper

112 100

64 51.1 38.6 57.8

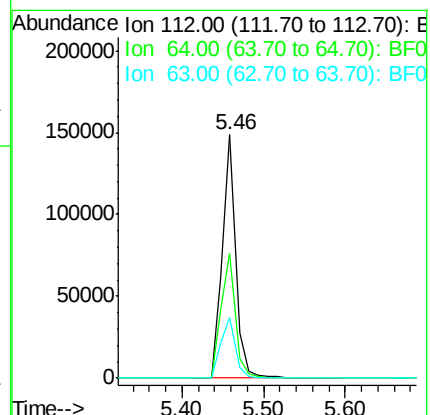
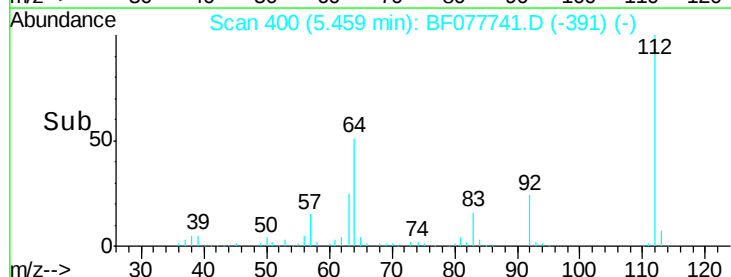
63 24.8 19.3 28.9



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: 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

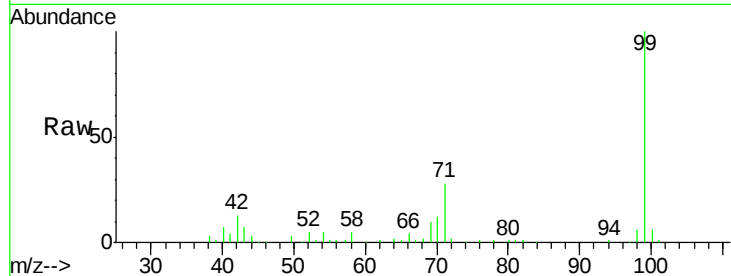
Tgt Ion: 99 Resp: 127882

Ion Ratio Lower Upper

99 100

42 13.0 11.0 16.4

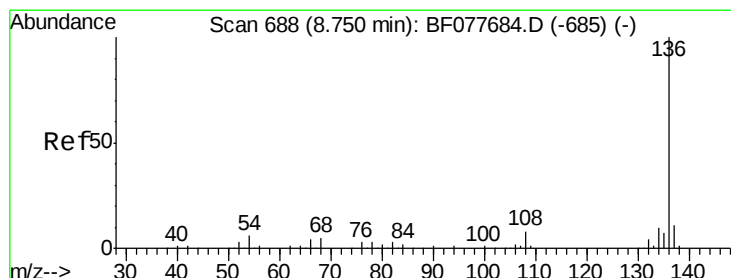
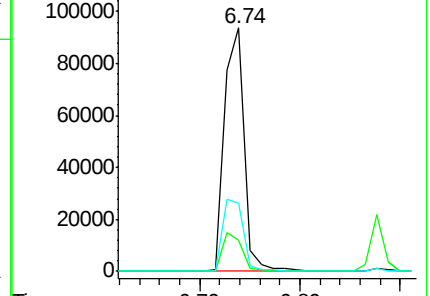
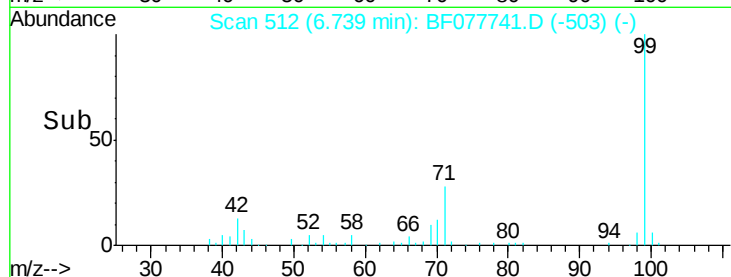
71 27.8 23.4 35.2



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

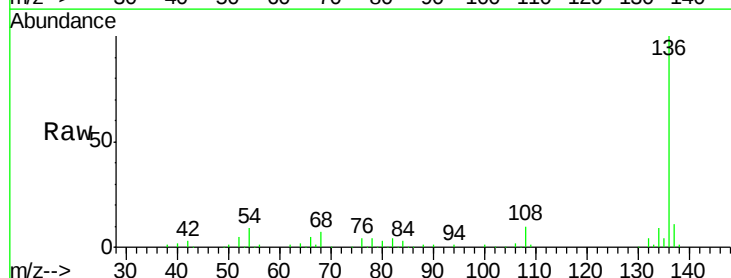
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 9.2 4.6 6.8#

68 7.2 3.7 5.5#

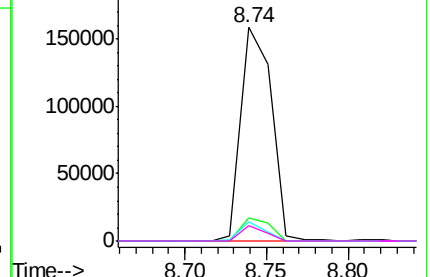
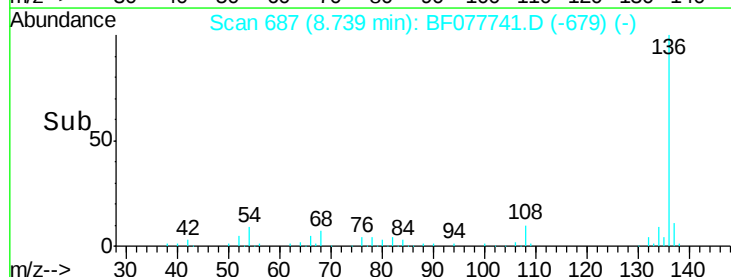


Abundance Ion 136.00 (135.70 to 136.70): BF077741.D (-679) (-)

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) (-)

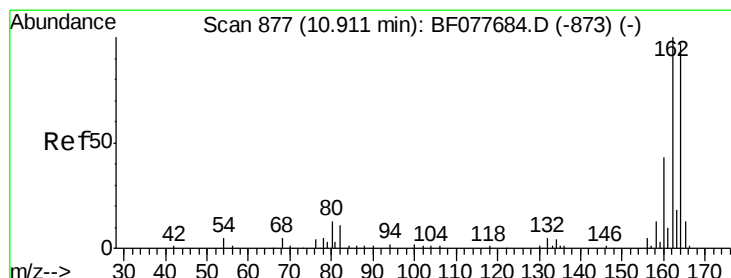
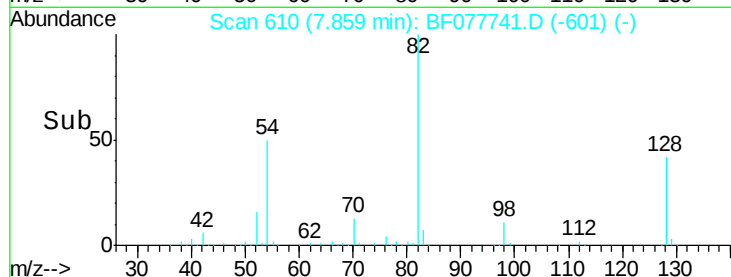
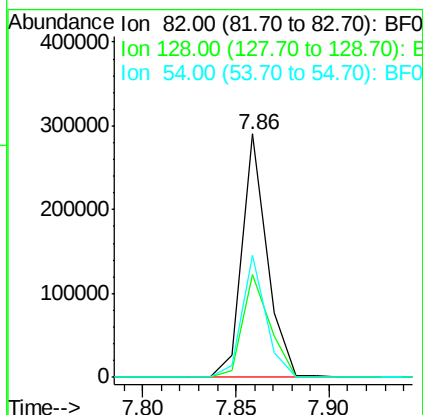
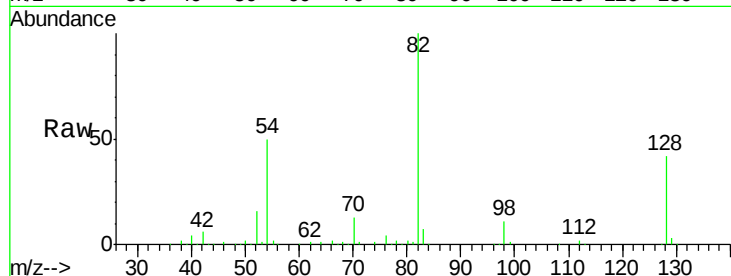




#23
 Nitrobenzene-d5
 Concen: 87.09 ng
 RT: 7.86 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF077741.D
 Acq: 13 Mar 2015 15:53

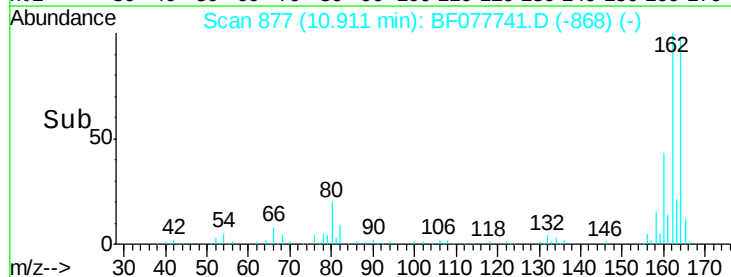
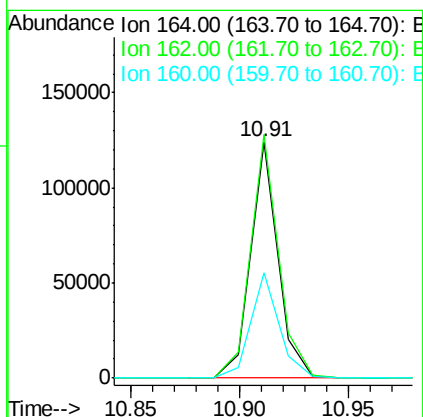
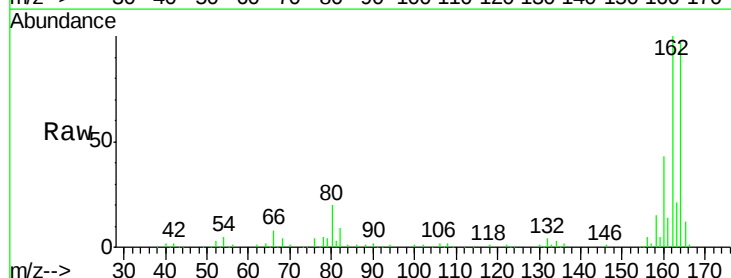
Instrument :
 BNA_F
 ClientSampleId :
 MW2

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

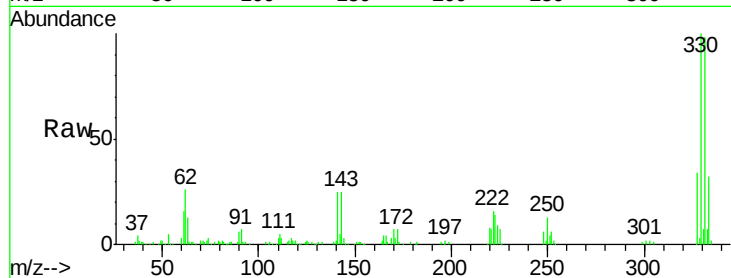




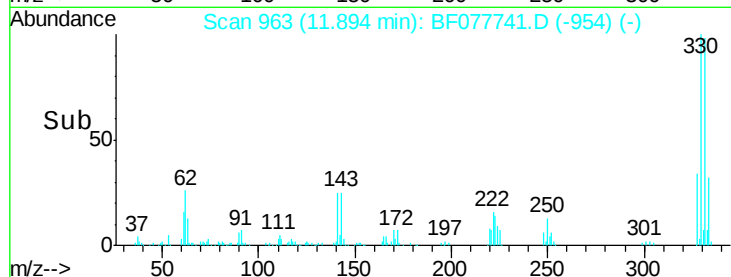
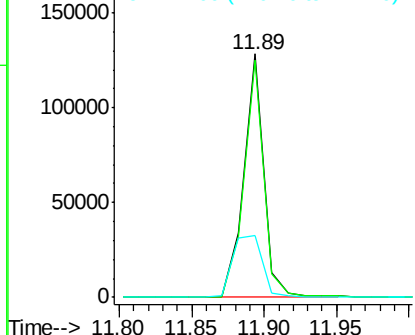
#41
 2,4,6-Tribromophenol
 Concen: 118.73 ng
 RT: 11.89 min Scan# 963
 Delta R.T. 0.00 min
 Lab File: BF077741.D
 Acq: 13 Mar 2015 15:53

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#

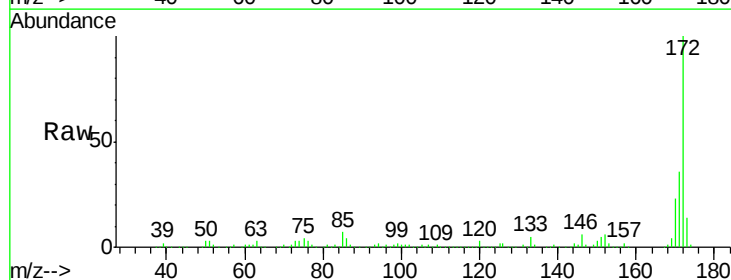


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

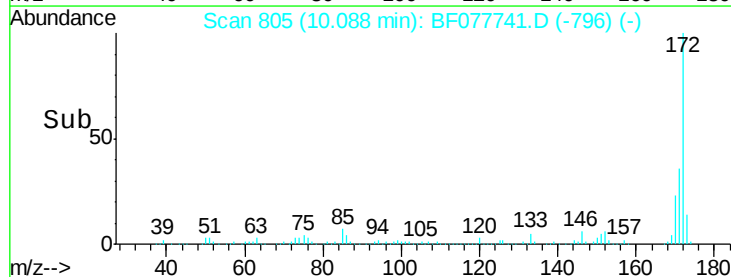
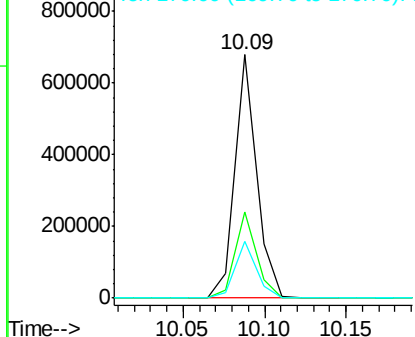


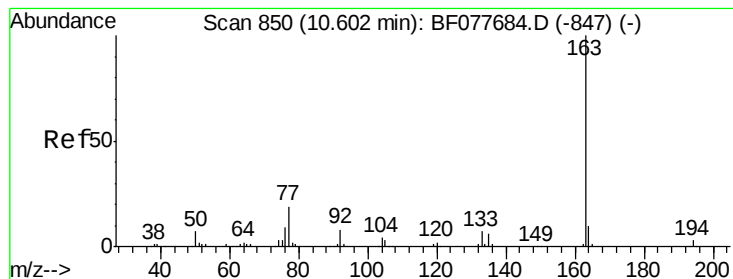
#44
 2-Fluorobiphenyl
 Concen: 84.42 ng
 RT: 10.09 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF077741.D
 Acq: 13 Mar 2015 15:53

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

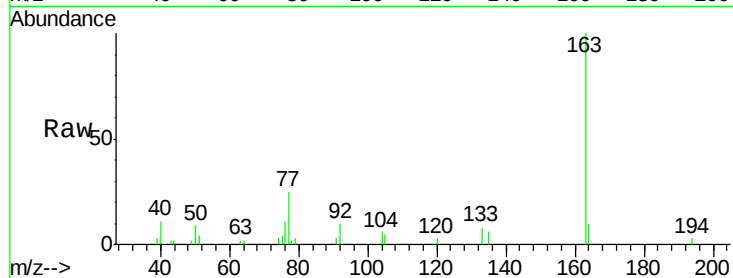
Tgt Ion:163 Resp: 19724

Ion Ratio Lower Upper

163 100

194 3.2 2.7 4.1

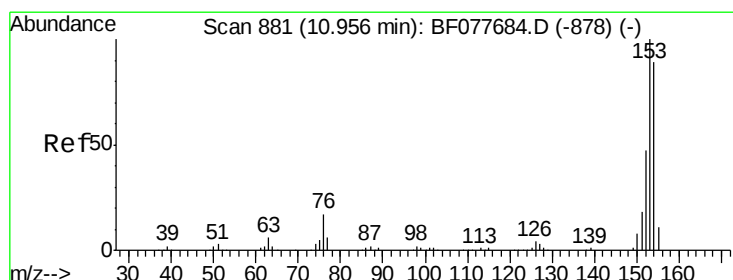
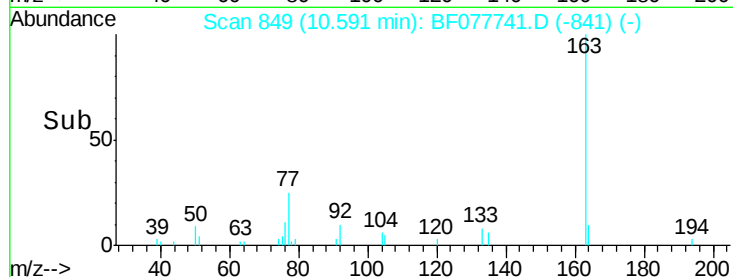
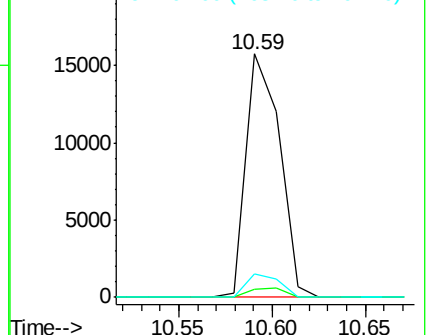
164 9.7 8.2 12.2



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

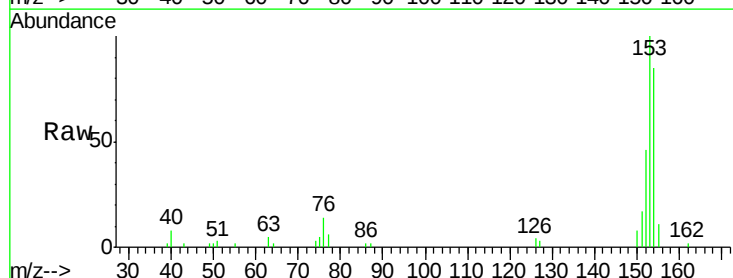
Tgt Ion:154 Resp: 21788

Ion Ratio Lower Upper

154 100

153 117.1 90.0 135.0

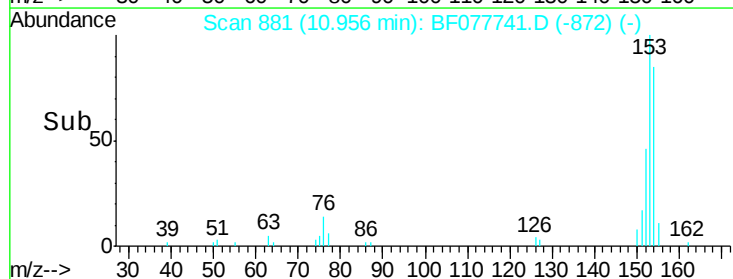
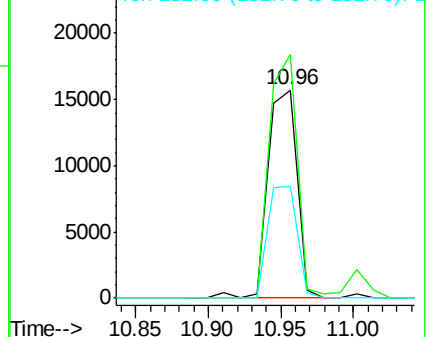
152 53.9 42.6 63.8

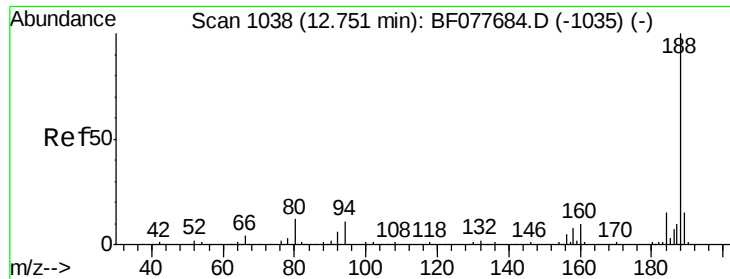


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

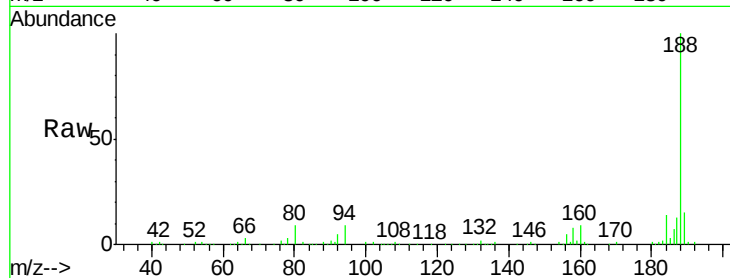




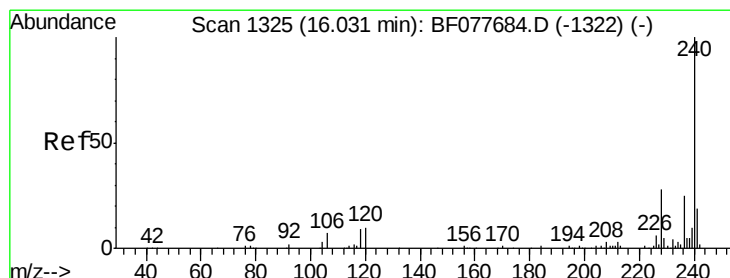
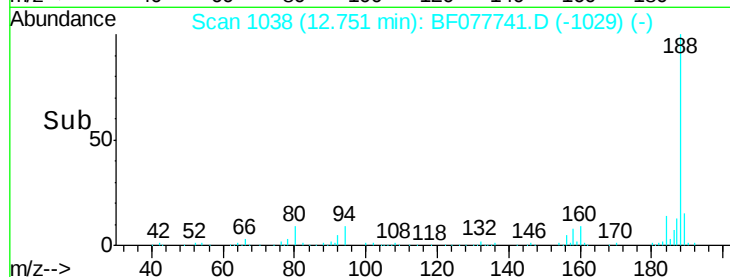
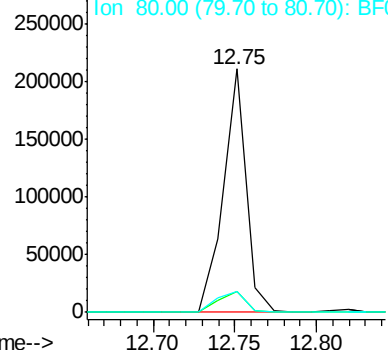
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.75 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF077741.D
Acq: 13 Mar 2015 15:53

Instrument :
BNA_F
ClientSampled :
MW2

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#

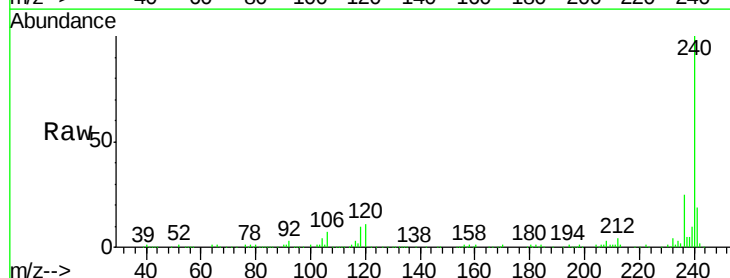


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

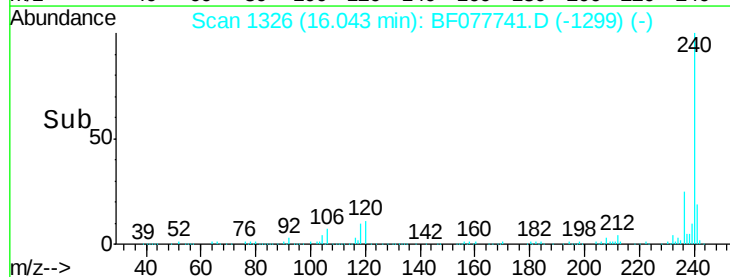
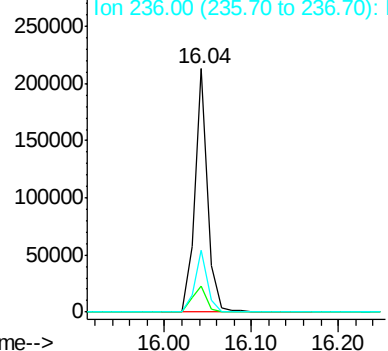


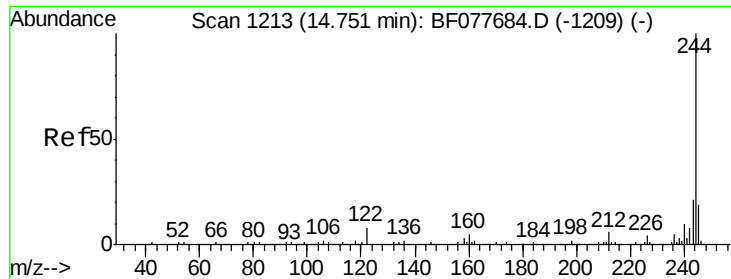
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.04 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BF077741.D
Acq: 13 Mar 2015 15:53

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



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: 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

Instrument :

BNA_F

ClientSampleId :

MW2

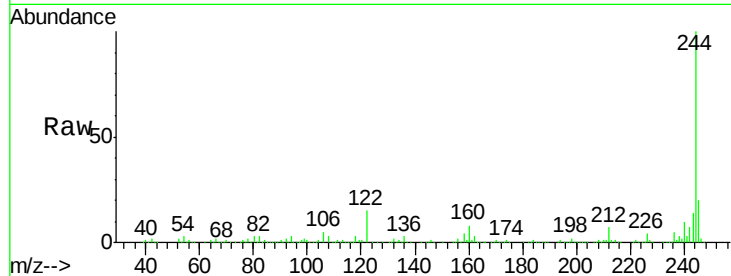
Tgt Ion:244 Resp: 556913

Ion Ratio Lower Upper

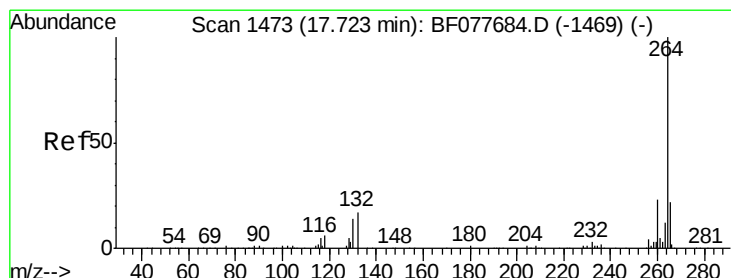
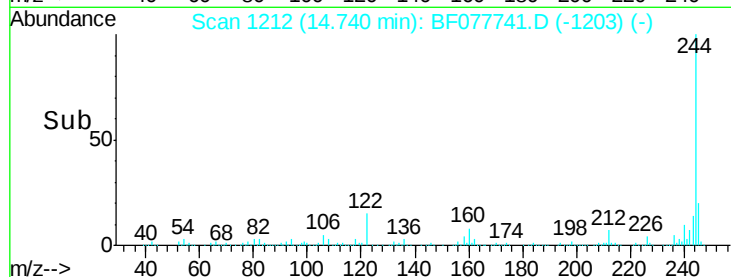
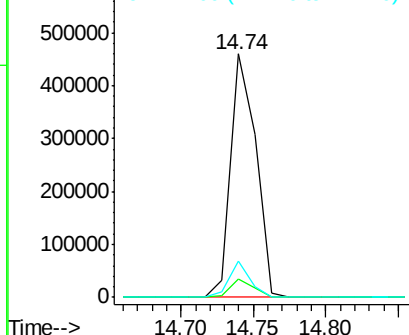
244 100

212 7.3 4.9 7.3#

122 15.0 6.2 9.4#



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: 17.85 min Scan# 1484

Delta R.T. 0.06 min

Lab File: BF077741.D

Acq: 13 Mar 2015 15:53

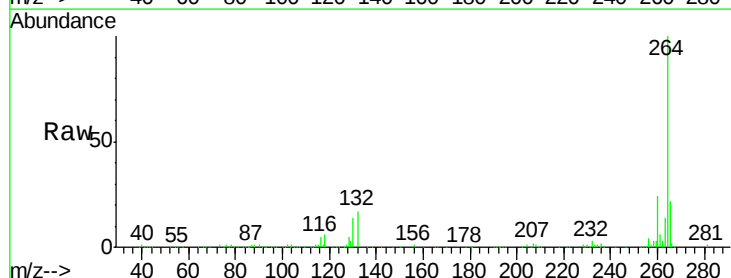
Tgt Ion:264 Resp: 212229

Ion Ratio Lower Upper

264 100

260 23.8 18.6 27.8

265 21.9 17.3 25.9



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

