

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031315\
 Data File : BF077743.D
 Acq On : 13 Mar 2015 16:51
 Operator : TP/IZ
 Sample : G1517-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW4

Quant Time: Mar 13 23:43:33 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	53229	20.00	ng	0.00
21) Naphthalene-d8	8.74	136	216458	20.00	ng	-0.01
38) Acenaphthene-d10	10.91	164	113870	20.00	ng	0.00
63) Phenanthrene-d10	12.75	188	233780	20.00	ng	0.00
75) Chrysene-d12	16.03	240	238411	20.00	ng	0.00
86) Perylene-d12	17.76	264	226195	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	129571	42.49	ng	0.00
7) Phenol-d6	6.74	99	95338	25.30	ng	0.00
23) Nitrobenzene-d5	7.86	82	240721	72.90	ng	0.00
41) 2,4,6-Tribromophenol	11.89	330	108309	99.41	ng	0.00
44) 2-Fluorobiphenyl	10.09	172	534919	69.04	ng	0.00
78) Terphenyl-d14	14.74	244	556049	56.97	ng	0.00

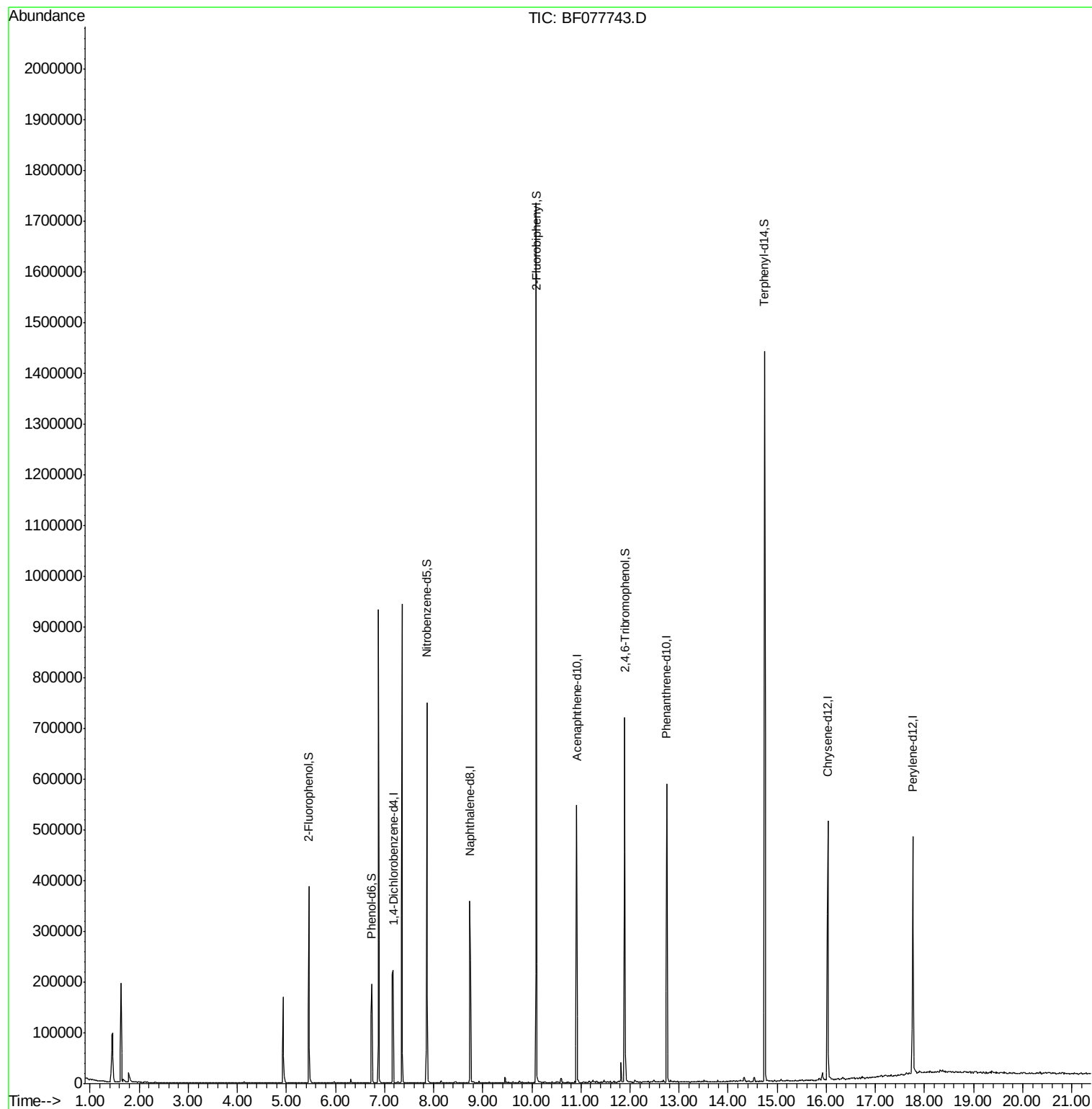
Target Compounds	Qvalue
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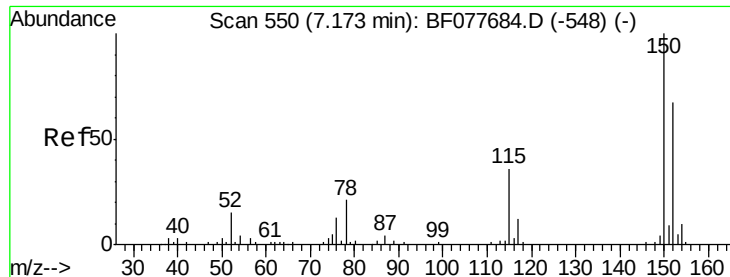
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF077743.D

Acq: 13 Mar 2015 16:51

Instrument :

BNA_F

ClientSampleId :

MW4

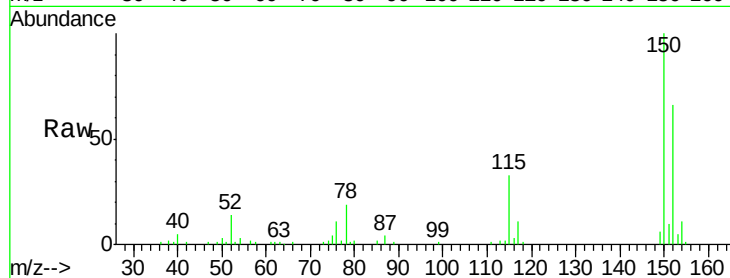
Tgt Ion:152 Resp: 53229

Ion Ratio Lower Upper

152 100

150 152.5 119.5 179.3

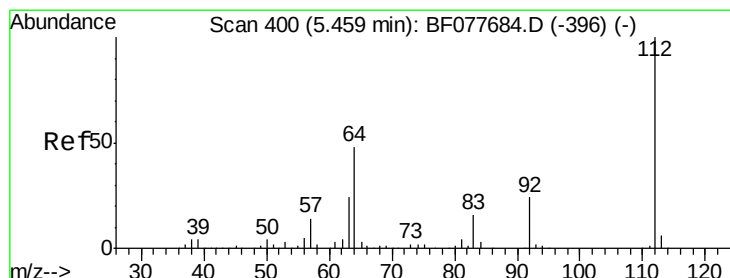
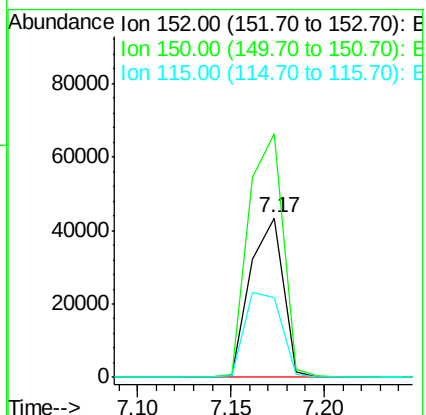
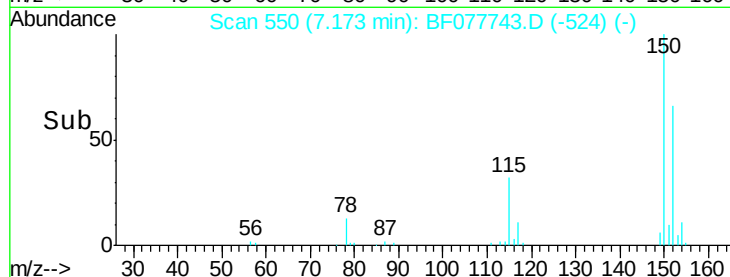
115 50.0 43.0 64.4



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: 42.49 ng

RT: 5.46 min Scan# 400

Delta R.T. -0.00 min

Lab File: BF077743.D

Acq: 13 Mar 2015 16:51

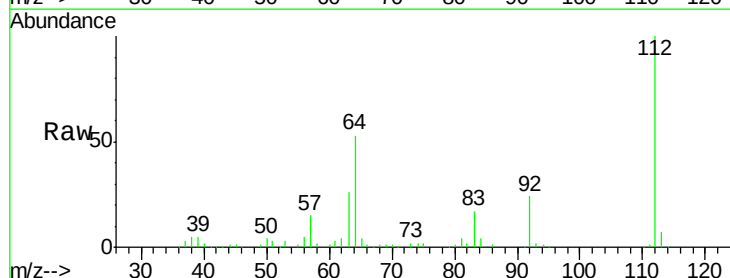
Tgt Ion:112 Resp: 129571

Ion Ratio Lower Upper

112 100

64 53.3 38.6 57.8

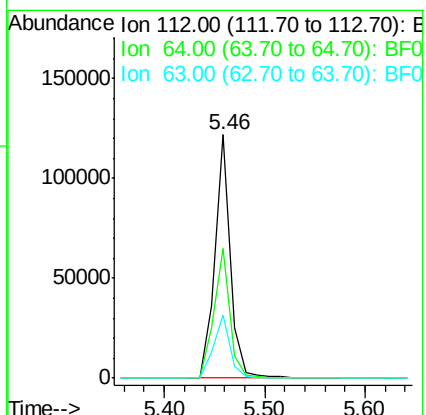
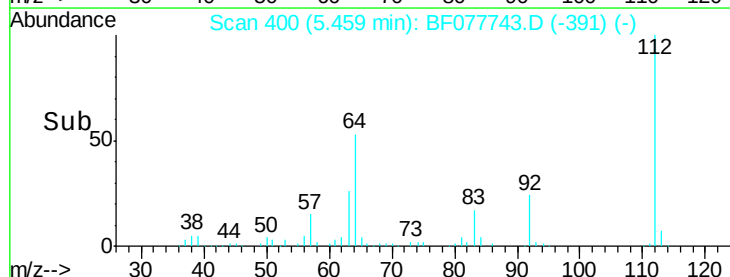
63 26.1 19.3 28.9

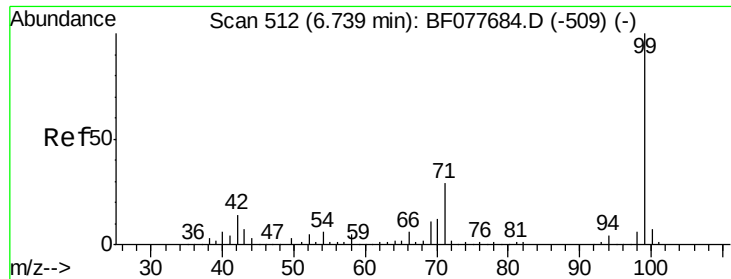


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 25.30 ng

RT: 6.74 min Scan# 512

Delta R.T. -0.00 min

Lab File: BF077743.D

Acq: 13 Mar 2015 16:51

Instrument :

BNA_F

ClientSampled :

MW4

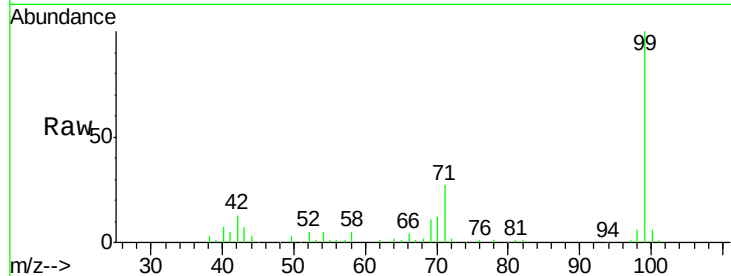
Tgt Ion: 99 Resp: 95338

Ion Ratio Lower Upper

99 100

42 13.4 11.0 16.4

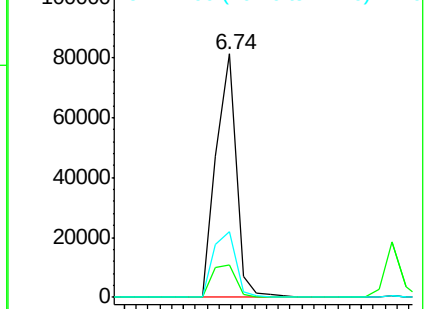
71 27.1 23.4 35.2



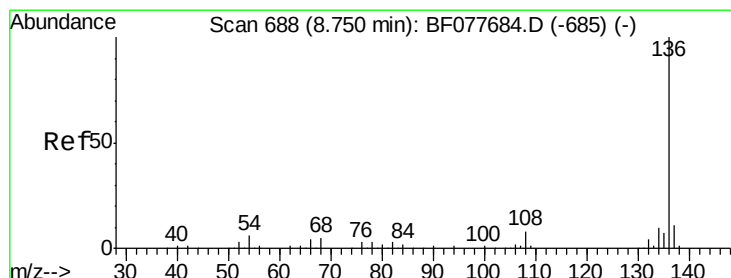
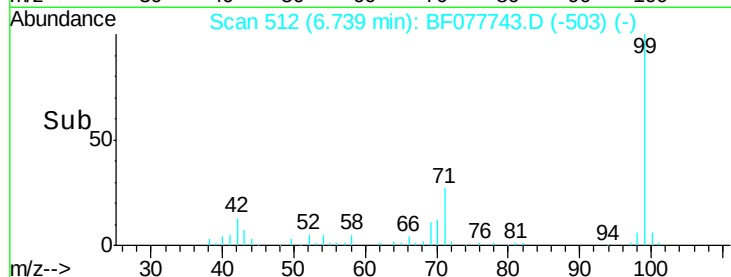
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.74 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF077743.D

Acq: 13 Mar 2015 16:51

Tgt Ion: 136 Resp: 216458

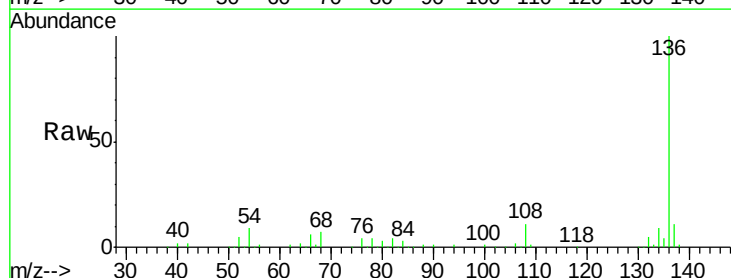
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 9.3 4.6 6.8#

68 6.6 3.7 5.5#

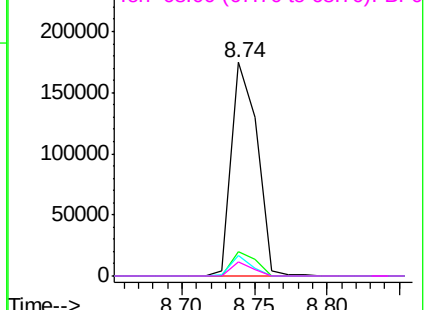


Abundance Ion 136.00 (135.70 to 136.70): E

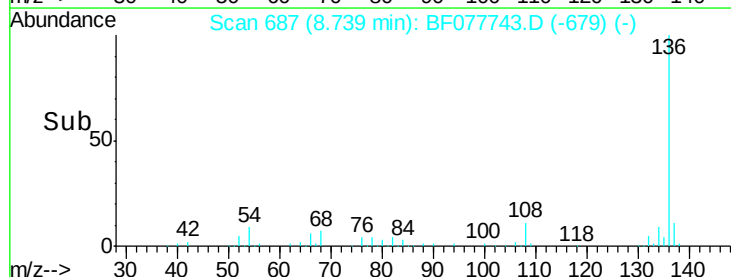
Ion 137.00 (136.70 to 137.70): E

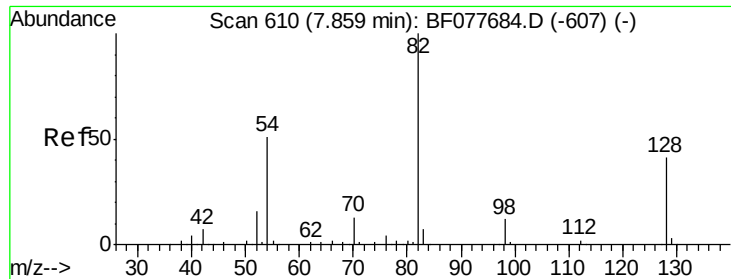
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->





#23

Nitrobenzene-d5

Concen: 72.90 ng

RT: 7.86 min Scan# 610

Delta R.T. -0.00 min

Lab File: BF077743.D

Acq: 13 Mar 2015 16:51

Instrument :

BNA_F

ClientSampleId :

MW4

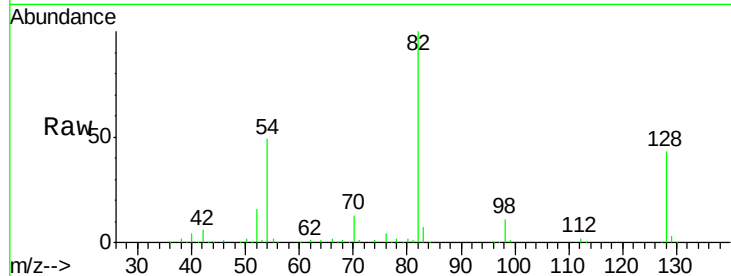
Tgt Ion: 82 Resp: 240721

Ion Ratio Lower Upper

82 100

128 43.1 32.8 49.2

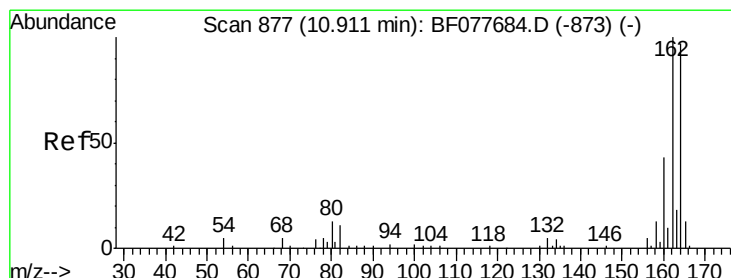
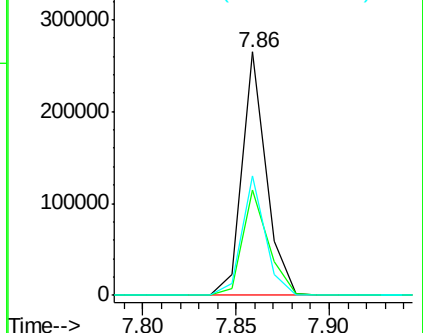
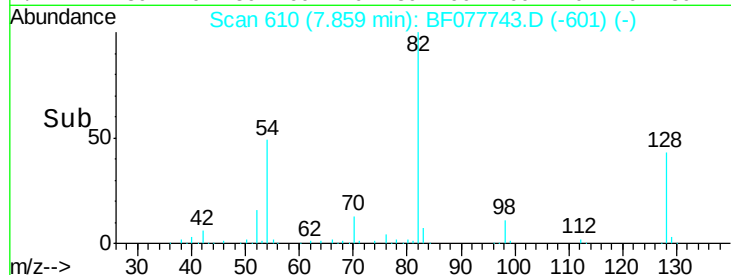
54 48.9 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BF077743.D (-601) (-)

Ion 128.00 (127.70 to 128.70): BF077743.D (-601) (-)

Ion 54.00 (53.70 to 54.70): BF077743.D (-601) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.91 min Scan# 877

Delta R.T. -0.00 min

Lab File: BF077743.D

Acq: 13 Mar 2015 16:51

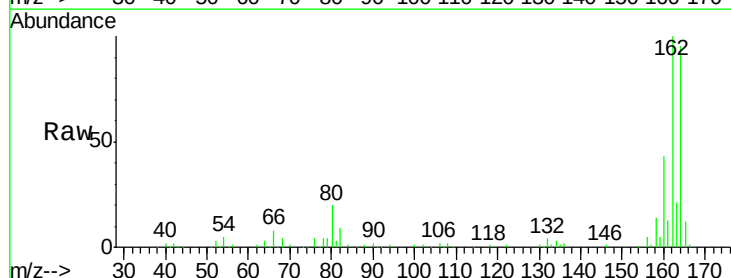
Tgt Ion: 164 Resp: 113870

Ion Ratio Lower Upper

164 100

162 105.3 82.4 123.6

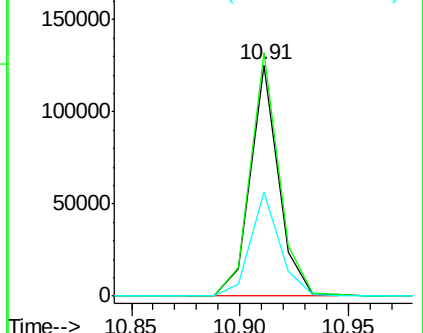
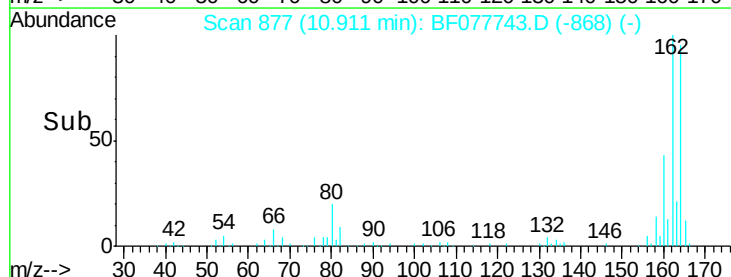
160 44.9 35.8 53.6

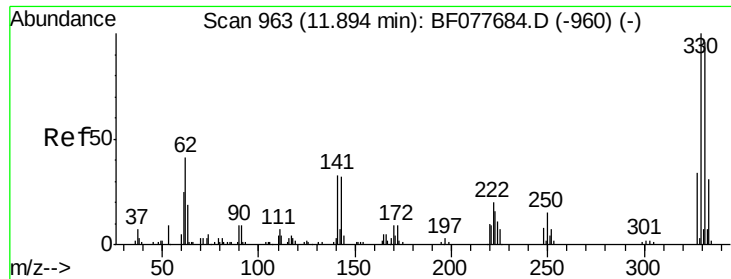


Abundance Ion 164.00 (163.70 to 164.70): BF077743.D (-868) (-)

Ion 162.00 (161.70 to 162.70): BF077743.D (-868) (-)

Ion 160.00 (159.70 to 160.70): BF077743.D (-868) (-)

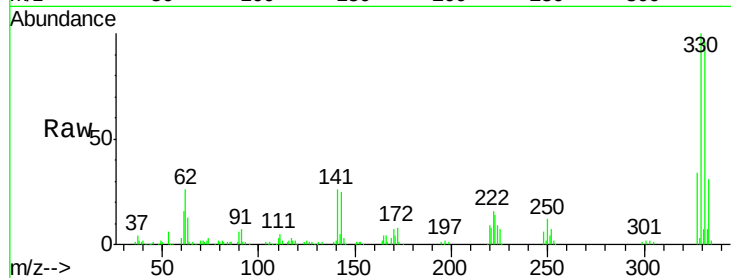




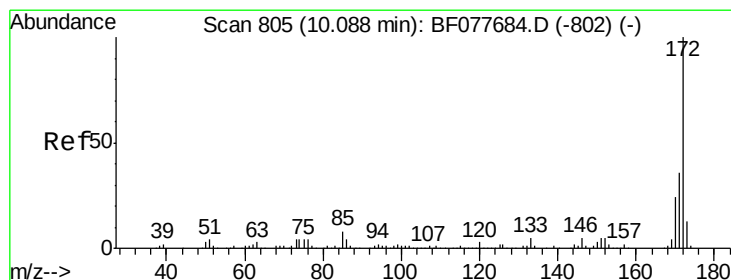
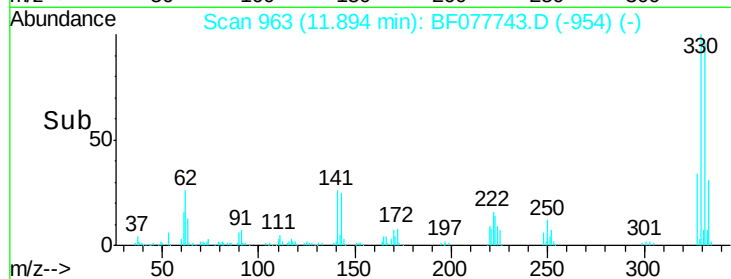
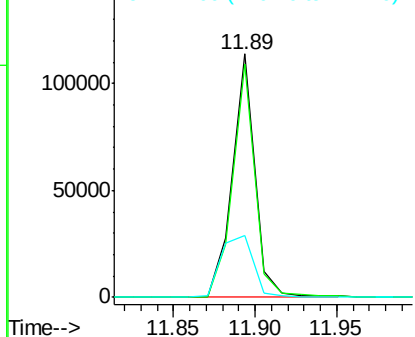
#41
 2,4,6-Tribromophenol
 Concen: 99.41 ng
 RT: 11.89 min Scan# 963
 Delta R.T. -0.00 min
 Lab File: BF077743.D
 Acq: 13 Mar 2015 16:51

Instrument :
 BNA_F
 ClientSampleId :
 MW4

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.0	0.0	0.0#
141	37.5	0.0	0.0#

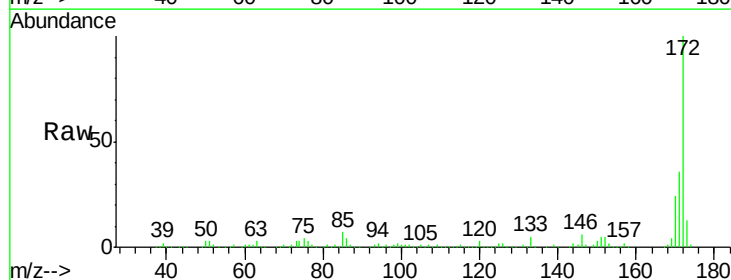


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

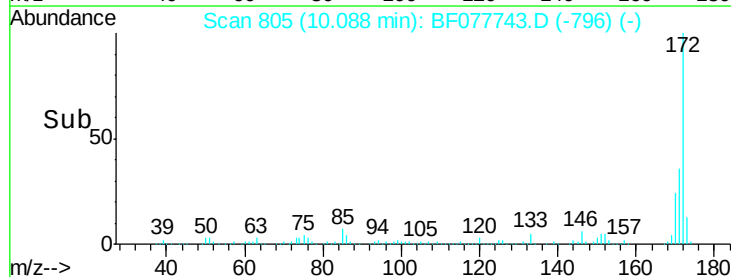
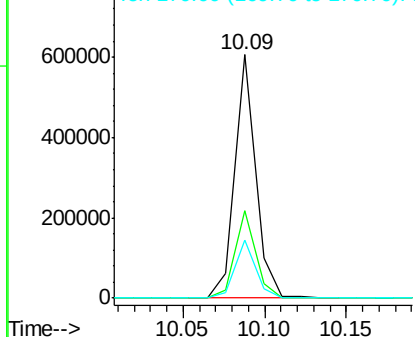


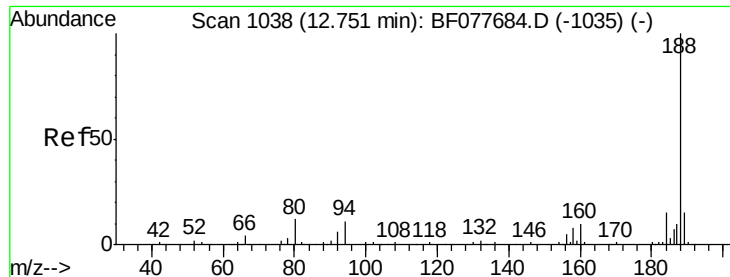
#44
 2-Fluorobiphenyl
 Concen: 69.04 ng
 RT: 10.09 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF077743.D
 Acq: 13 Mar 2015 16:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.5	42.7
170	23.7	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

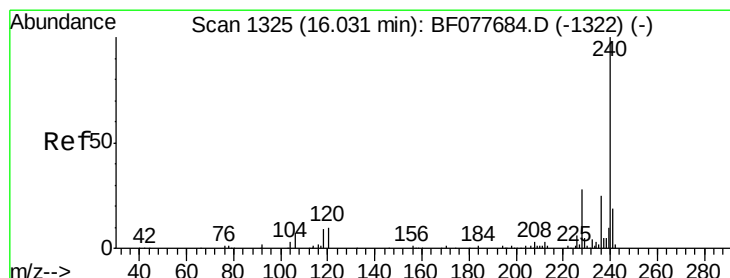
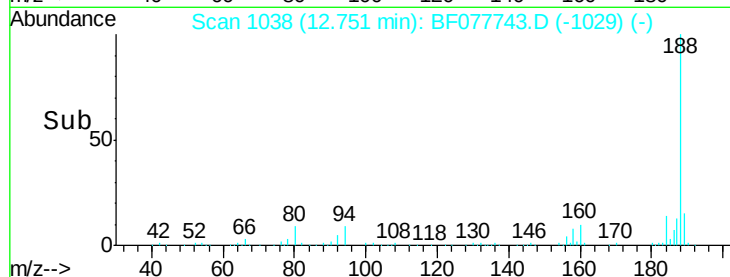
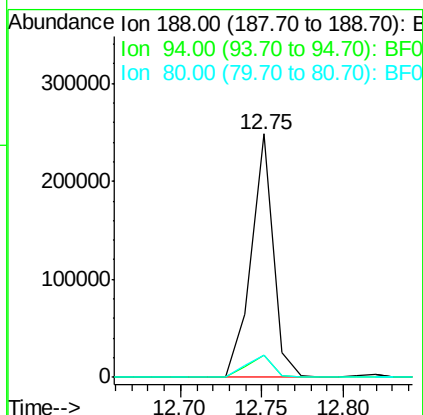
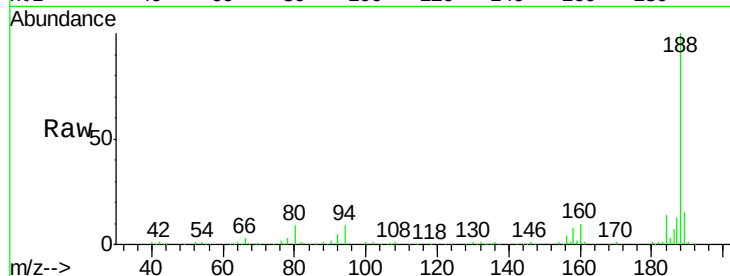




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.75 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF077743.D
Acq: 13 Mar 2015 16:51

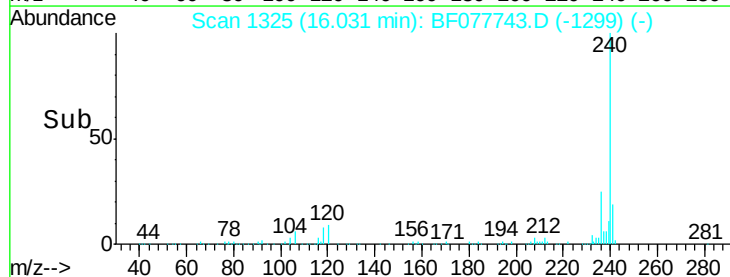
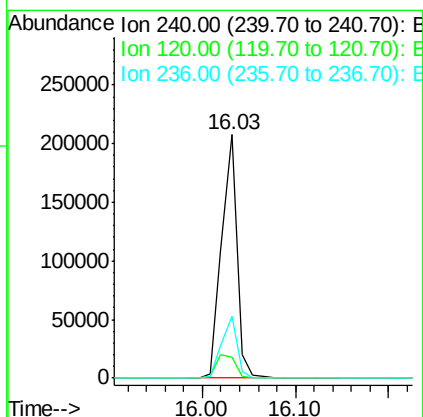
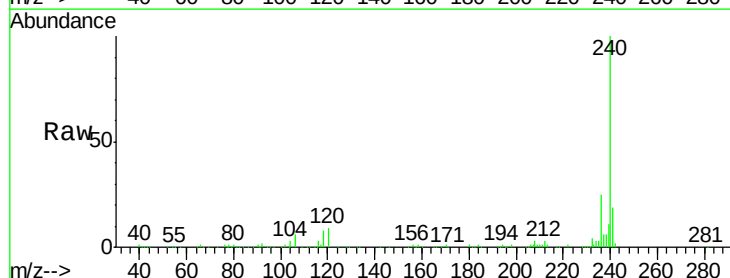
Instrument :
BNA_F
ClientSampleId :
MW4

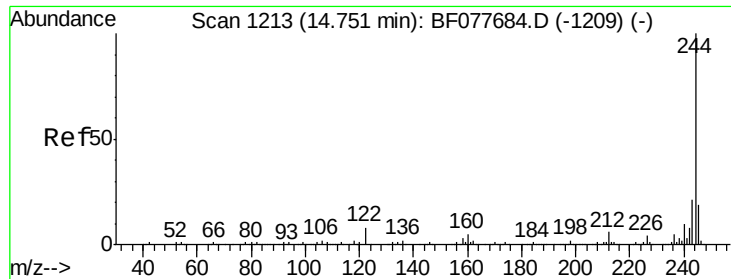
Tgt Ion:188 Resp: 233780
Ion Ratio Lower Upper
188 100
94 8.9 8.7 13.1
80 9.2 9.3 13.9#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.03 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BF077743.D
Acq: 13 Mar 2015 16:51

Tgt Ion:240 Resp: 238411
Ion Ratio Lower Upper
240 100
120 8.6 8.2 12.2
236 25.3 20.0 30.0

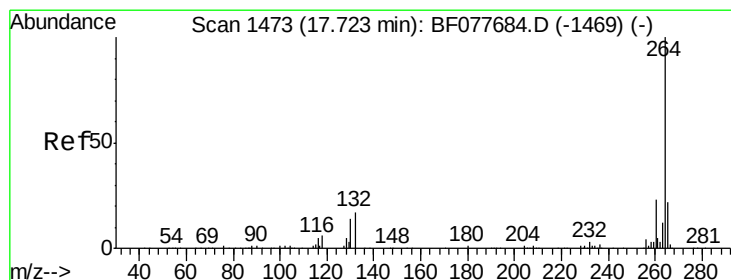
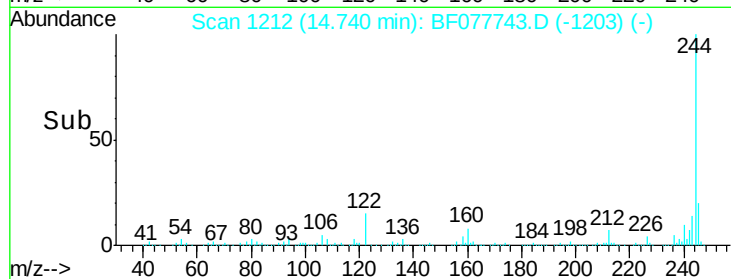
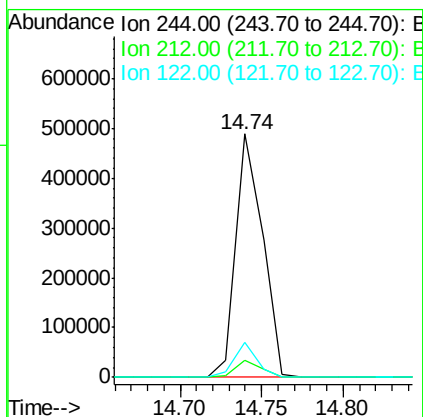
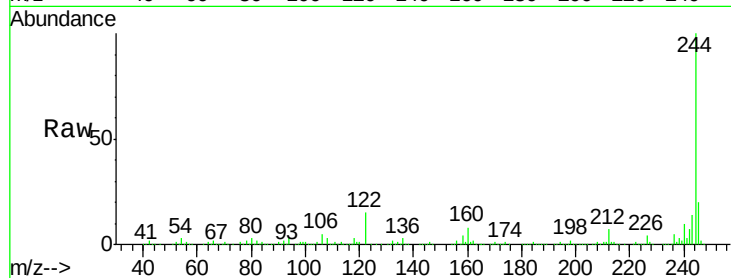




#78
 Terphenyl-d14
 Concen: 56.97 ng
 RT: 14.74 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF077743.D
 Acq: 13 Mar 2015 16:51

Instrument :
 BNA_F
 ClientSampleId :
 MW4

Tgt Ion: 244 Resp: 556049
 Ion Ratio Lower Upper
 244 100
 212 6.9 4.9 7.3
 122 14.5 6.2 9.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.76 min Scan# 1476
 Delta R.T. -0.03 min
 Lab File: BF077743.D
 Acq: 13 Mar 2015 16:51

Tgt Ion: 264 Resp: 226195
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.6 27.8
 265 21.8 17.3 25.9

