

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031115\
 Data File : BF077712.D
 Acq On : 12 Mar 2015 4:08
 Operator : TP/IZ
 Sample : G1474-08
 Misc : W
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-01

Quant Time: Mar 12 06:06:42 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 12 02:24:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.17	152	52651	20.00	ng	0.00
21) Naphthalene-d8	8.75	136	212200	20.00	ng	0.00
38) Acenaphthene-d10	10.91	164	111629	20.00	ng	0.00
63) Phenanthrene-d10	12.75	188	208199	20.00	ng	0.00
75) Chrysene-d12	16.03	240	217775	20.00	ng	0.00
86) Perylene-d12	17.72	264	209170	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	180068	59.70	ng	0.00
7) Phenol-d6	6.74	99	142770	38.31	ng	0.00
23) Nitrobenzene-d5	7.86	82	293082	90.54	ng	0.00
41) 2,4,6-Tribromophenol	11.89	330	139988	131.07	ng	0.00
44) 2-Fluorobiphenyl	10.09	172	677513	89.20	ng	0.00
78) Terphenyl-d14	14.75	244	745043	83.57	ng	0.00

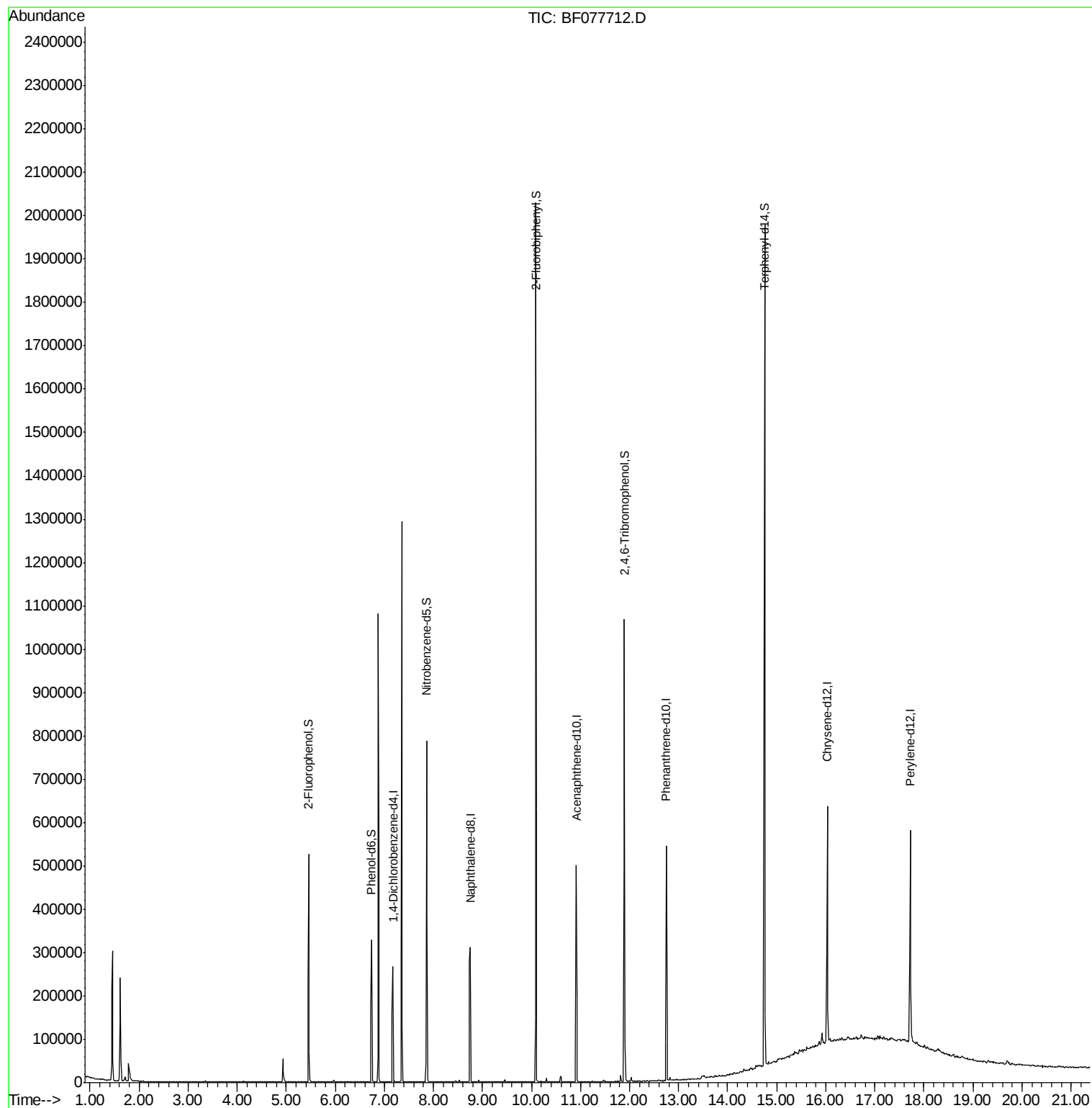
Target Compounds	Qvalue
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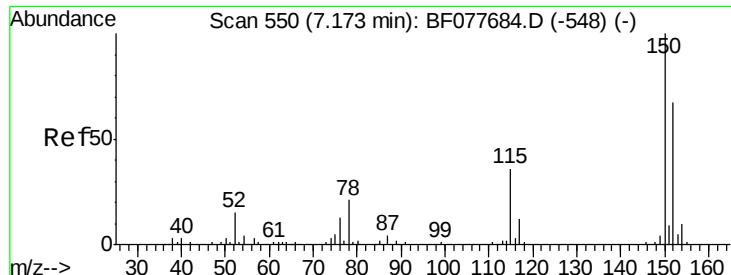
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 12 02:24:12 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: BF077712.D

Acq: 12 Mar 2015 4:08

Instrument :

BNA_F

ClientSampleId :

DUP-01

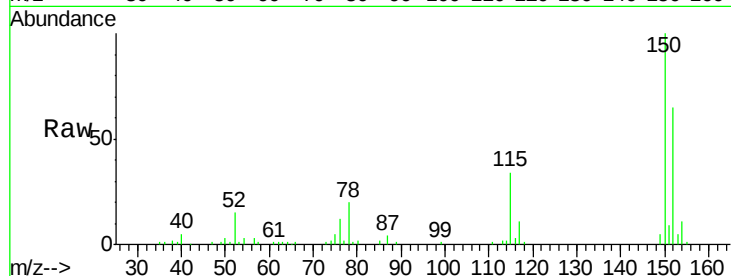
Tgt Ion:152 Resp: 52651

Ion Ratio Lower Upper

152 100

150 152.9 119.5 179.3

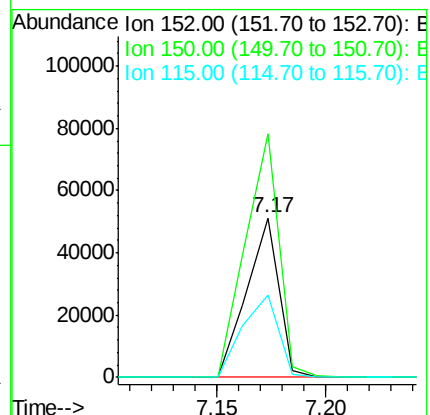
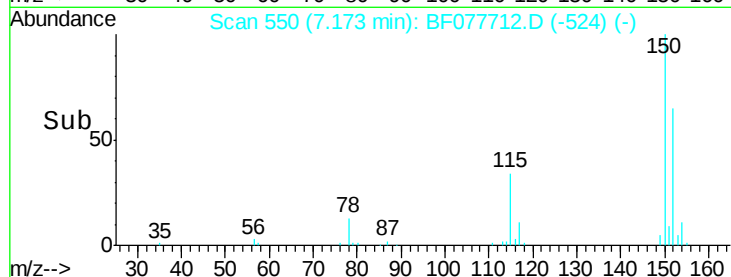
115 51.7 43.0 64.4



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: 59.70 ng

RT: 5.46 min Scan# 400

Delta R.T. -0.00 min

Lab File: BF077712.D

Acq: 12 Mar 2015 4:08

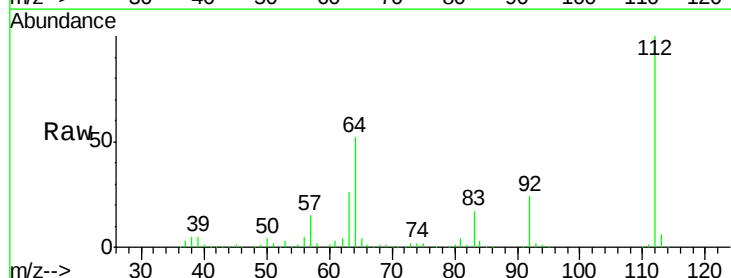
Tgt Ion:112 Resp: 180068

Ion Ratio Lower Upper

112 100

64 51.5 38.6 57.8

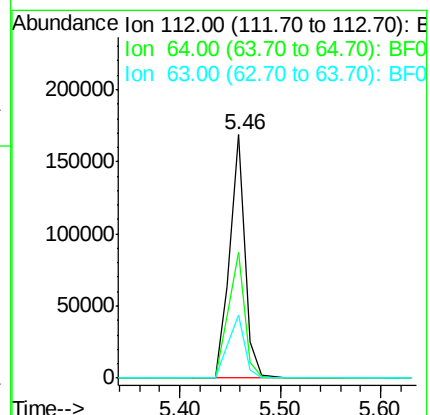
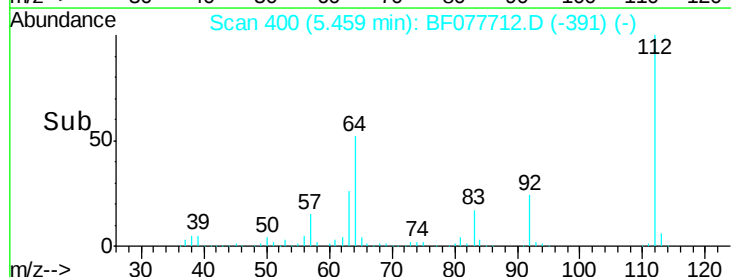
63 25.7 19.3 28.9

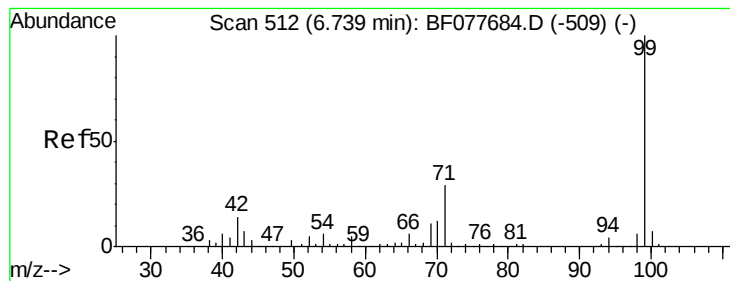


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 38.31 ng

RT: 6.74 min Scan# 512

Delta R.T. -0.00 min

Lab File: BF077712.D

Acq: 12 Mar 2015 4:08

Instrument :

BNA_F

ClientSampleId :

DUP-01

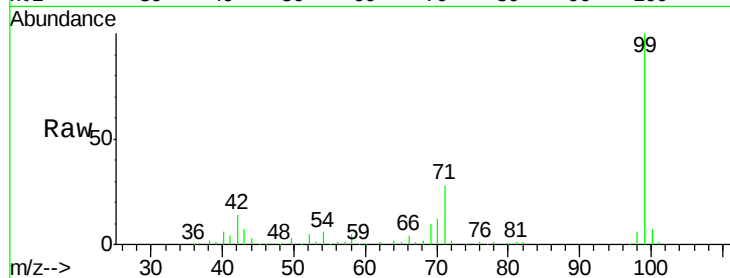
Tgt Ion: 99 Resp: 142770

Ion Ratio Lower Upper

99 100

42 13.5 11.0 16.4

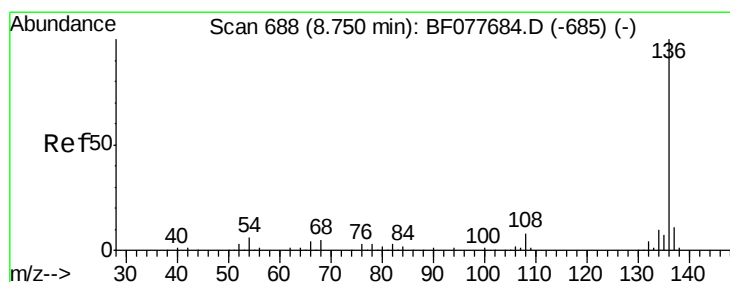
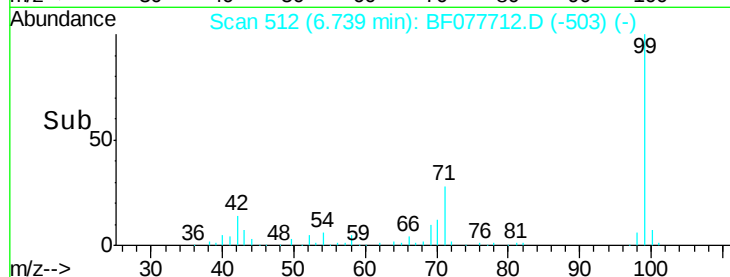
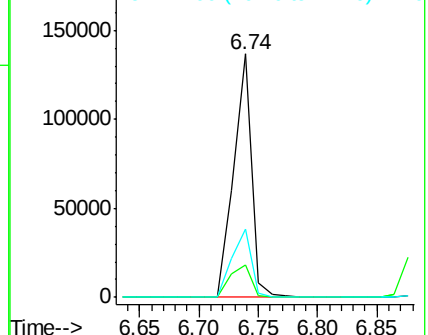
71 28.1 23.4 35.2



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.75 min Scan# 688

Delta R.T. -0.00 min

Lab File: BF077712.D

Acq: 12 Mar 2015 4:08

Tgt Ion: 136 Resp: 212200

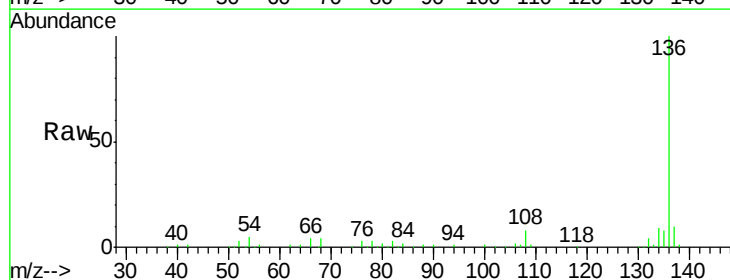
Ion Ratio Lower Upper

136 100

137 10.5 8.7 13.1

54 5.4 4.6 6.8

68 4.0 3.7 5.5

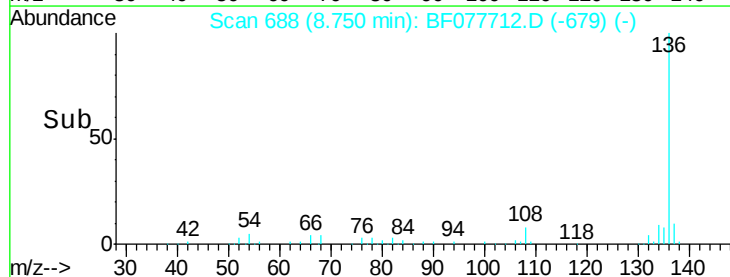
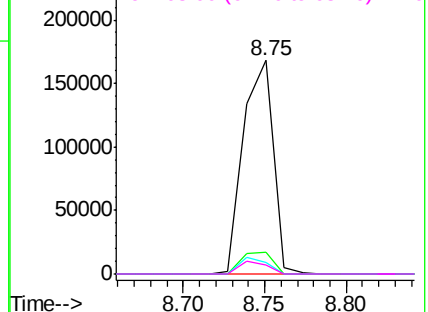


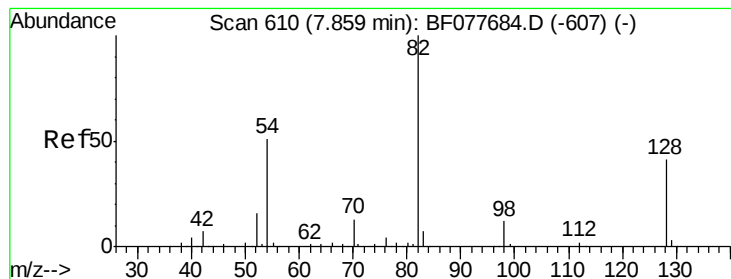
Abundance Ion 136.00 (135.70 to 136.70): E

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





#23

Nitrobenzene-d5

Concen: 90.54 ng

RT: 7.86 min Scan# 610

Delta R.T. -0.00 min

Lab File: BF077712.D

Acq: 12 Mar 2015 4:08

Instrument :

BNA_F

ClientSampleId :

DUP-01

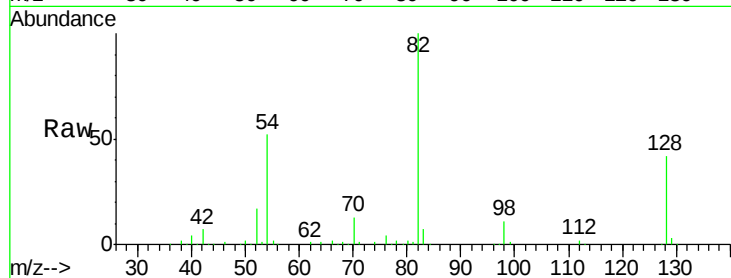
Tgt Ion: 82 Resp: 293082

Ion Ratio Lower Upper

82 100

128 41.8 32.8 49.2

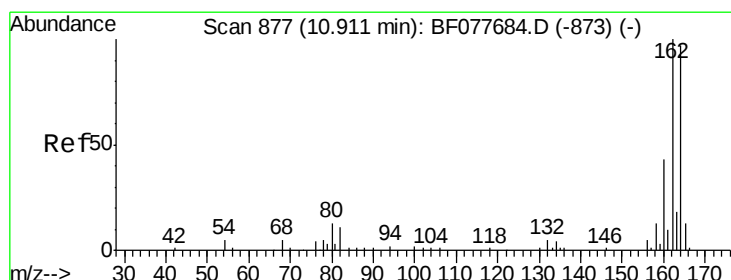
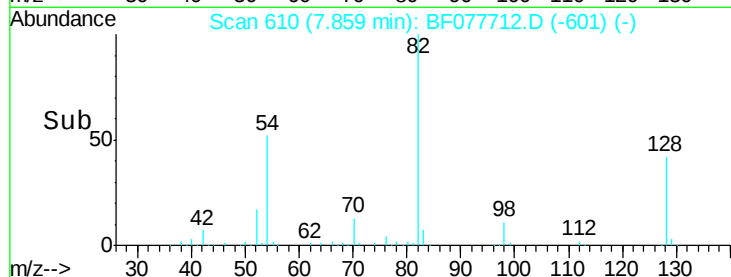
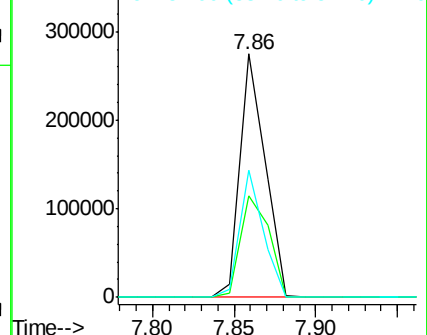
54 52.2 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.91 min Scan# 877

Delta R.T. -0.00 min

Lab File: BF077712.D

Acq: 12 Mar 2015 4:08

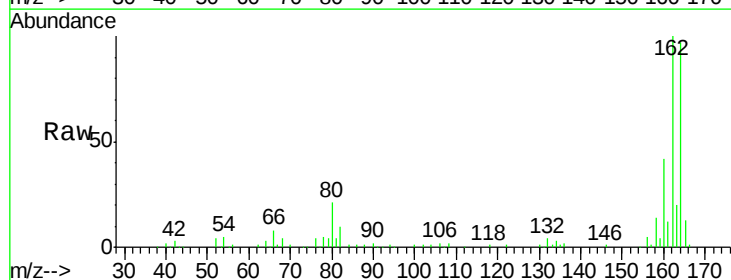
Tgt Ion: 164 Resp: 111629

Ion Ratio Lower Upper

164 100

162 103.2 82.4 123.6

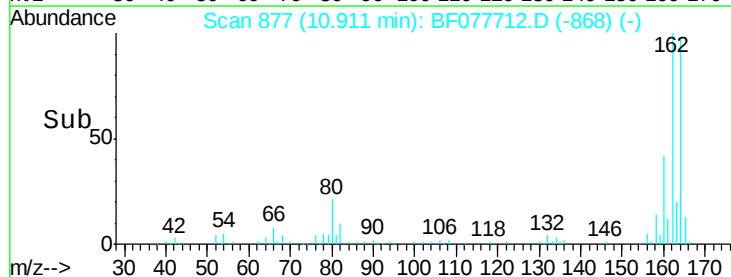
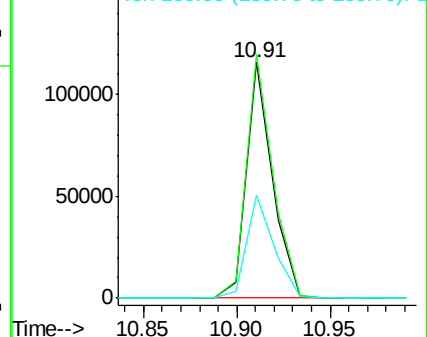
160 43.5 35.8 53.6

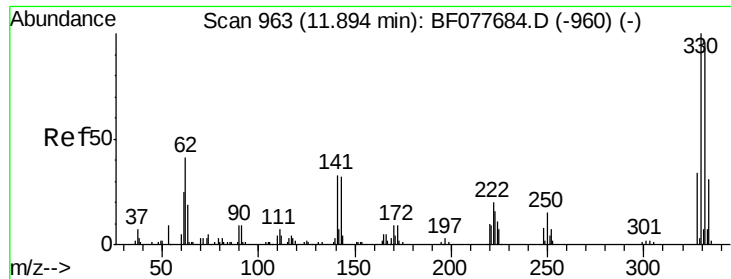


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

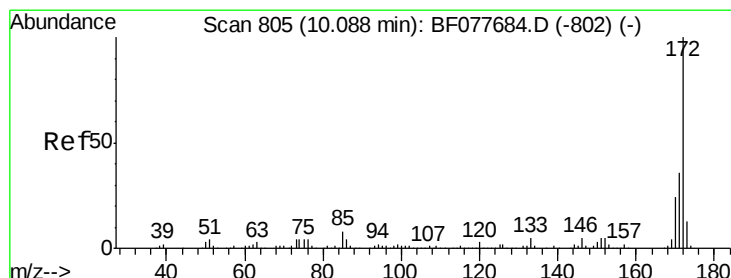
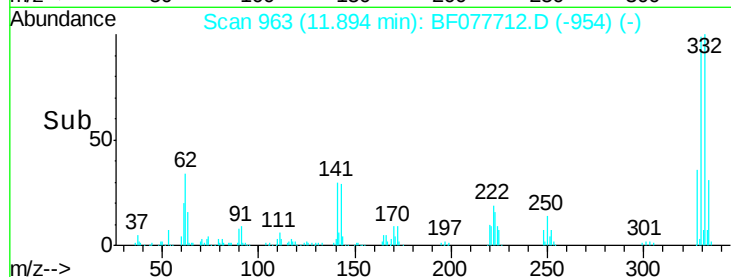
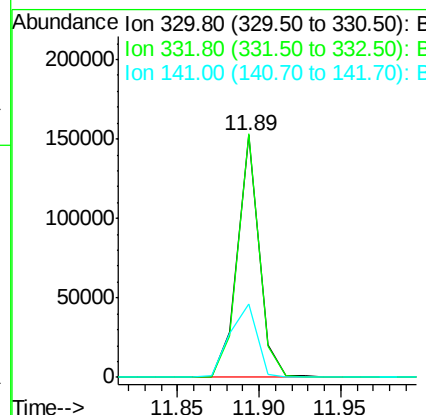
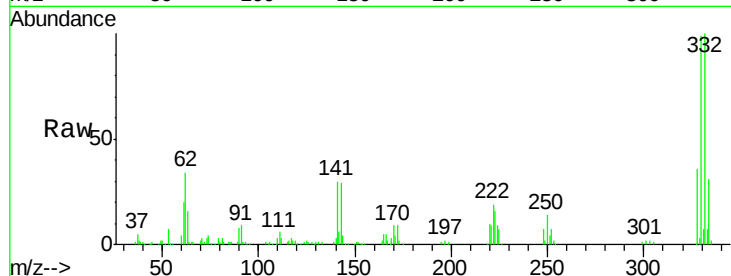




#41
 2,4,6-Tribromophenol
 Concen: 131.07 ng
 RT: 11.89 min Scan# 963
 Delta R.T. -0.00 min
 Lab File: BF077712.D
 Acq: 12 Mar 2015 4:08

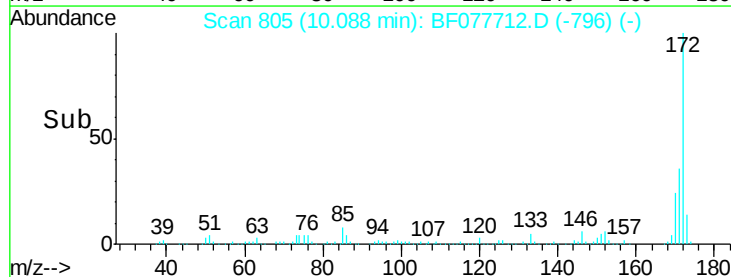
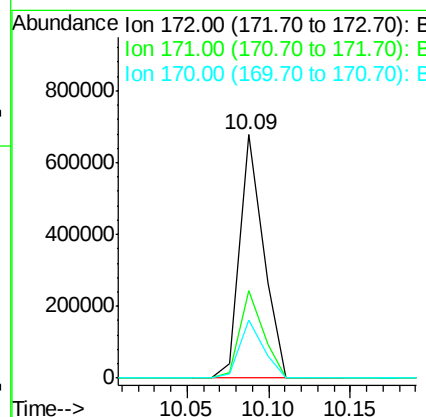
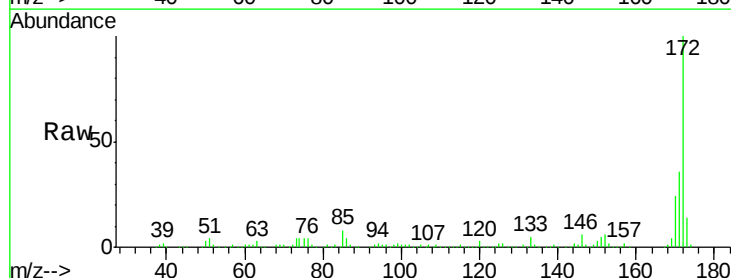
Instrument :
 BNA_F
 ClientSampleId :
 DUP-01

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.7	0.0	0.0#
141	37.8	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 89.20 ng
 RT: 10.09 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF077712.D
 Acq: 12 Mar 2015 4:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.5	42.7
170	24.0	18.8	28.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.75 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF077712.D

Acq: 12 Mar 2015 4:08

Instrument :

BNA_F

ClientSampleId :

DUP-01

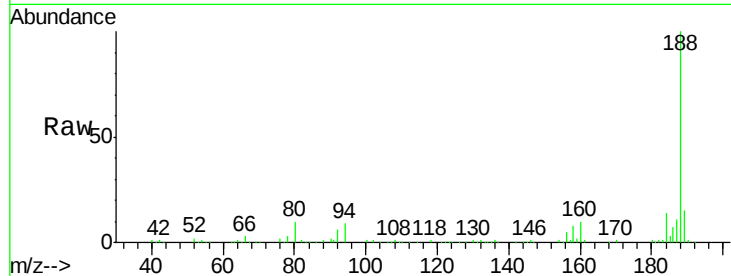
Tgt Ion:188 Resp: 208199

Ion Ratio Lower Upper

188 100

94 9.4 8.7 13.1

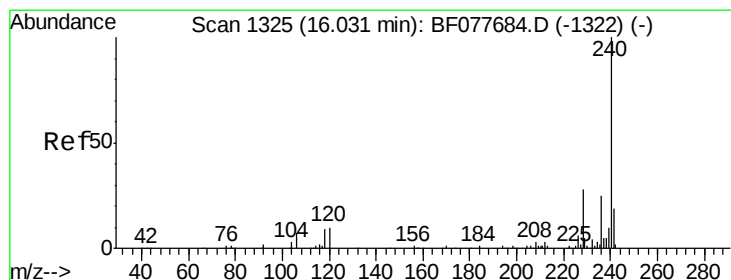
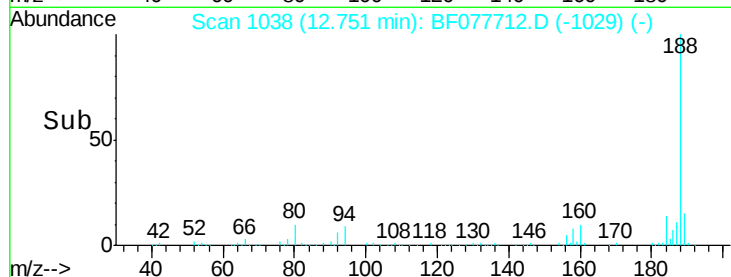
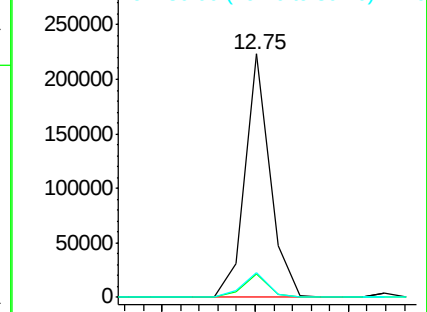
80 10.4 9.3 13.9



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: 16.03 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BF077712.D

Acq: 12 Mar 2015 4:08

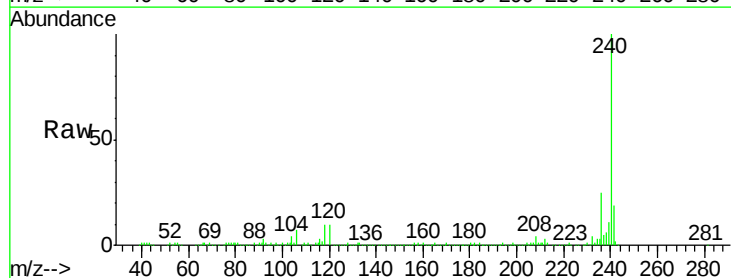
Tgt Ion:240 Resp: 217775

Ion Ratio Lower Upper

240 100

120 10.3 8.2 12.2

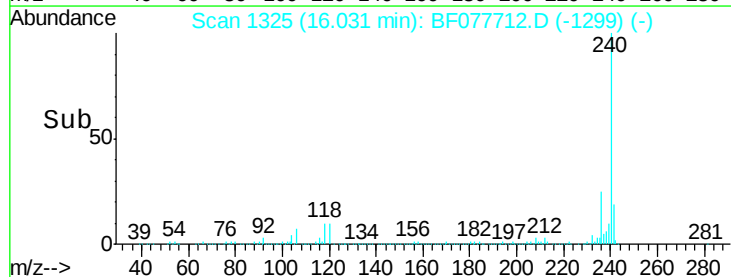
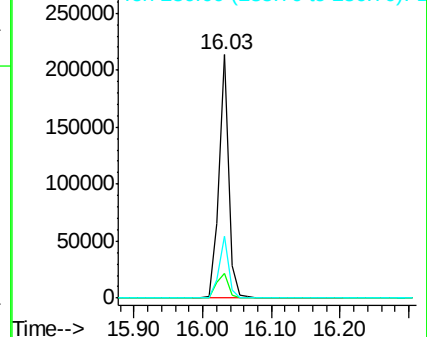
236 25.5 20.0 30.0

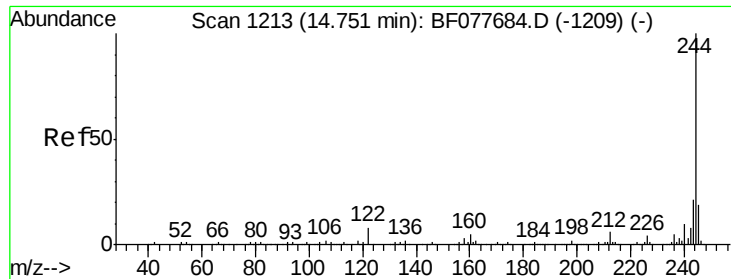


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

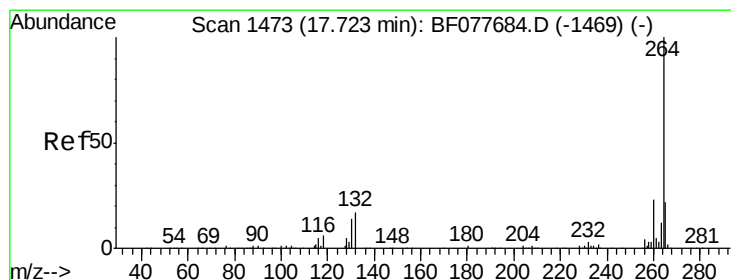
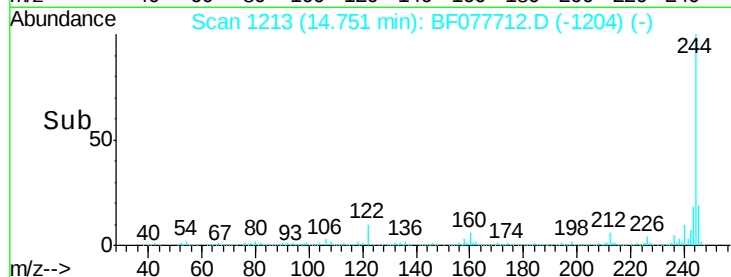
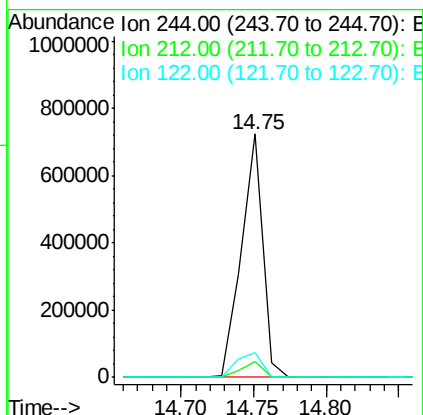
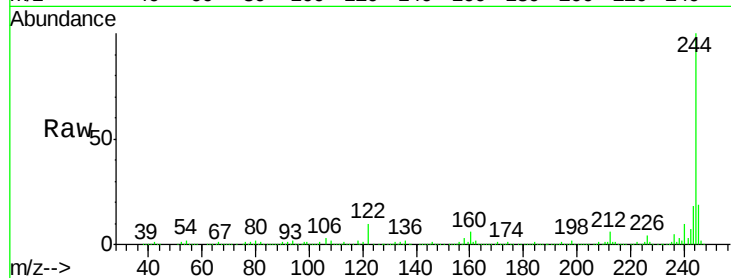




#78
 Terphenyl-d14
 Concen: 83.57 ng
 RT: 14.75 min Scan# 1213
 Delta R.T. -0.00 min
 Lab File: BF077712.D
 Acq: 12 Mar 2015 4:08

Instrument :
 BNA_F
 ClientSampleId :
 DUP-01

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.3	4.9	7.3
122	10.0	6.2	9.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.72 min Scan# 1473
 Delta R.T. -0.00 min
 Lab File: BF077712.D
 Acq: 12 Mar 2015 4:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	27.8
265	21.4	17.3	25.9

