

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031115\
 Data File : BF077708.D
 Acq On : 12 Mar 2015 2:13
 Operator : TP/IZ
 Sample : G1474-04
 Misc : W
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-10

Quant Time: Mar 12 12:25:14 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	56526	20.00	ng	0.00
21) Naphthalene-d8	8.75	136	234247	20.00	ng	0.00
38) Acenaphthene-d10	10.91	164	114355	20.00	ng	0.00
63) Phenanthrene-d10	12.75	188	219569	20.00	ng	0.00
75) Chrysene-d12	16.03	240	227459	20.00	ng	0.00
86) Perylene-d12	17.70	264	225406	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	211772	65.40	ng	0.00
7) Phenol-d6	6.73	99	170388	42.59	ng	-0.01
23) Nitrobenzene-d5	7.86	82	300251	84.02	ng	0.00
41) 2,4,6-Tribromophenol	11.89	330	132053	120.69	ng	0.00
44) 2-Fluorobiphenyl	10.09	172	671693	86.32	ng	0.00
78) Terphenyl-d14	14.75	244	712855	76.55	ng	0.00

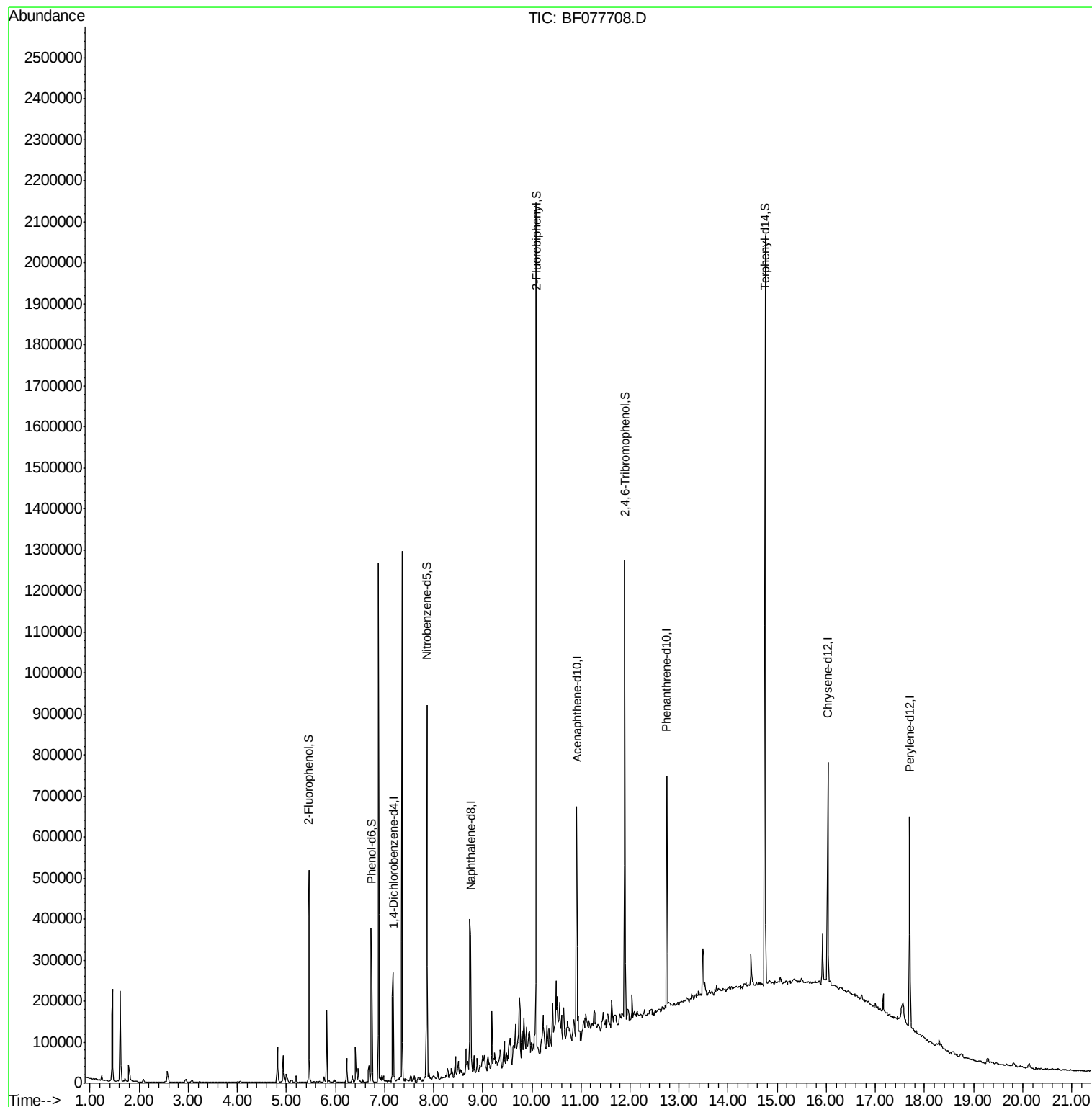
Target Compounds Qvalue

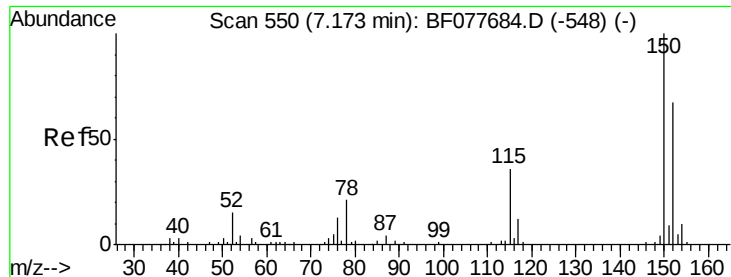
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF077708.D

Acq: 12 Mar 2015 2:13

Instrument :

BNA_F

ClientSampleId :

MW-10

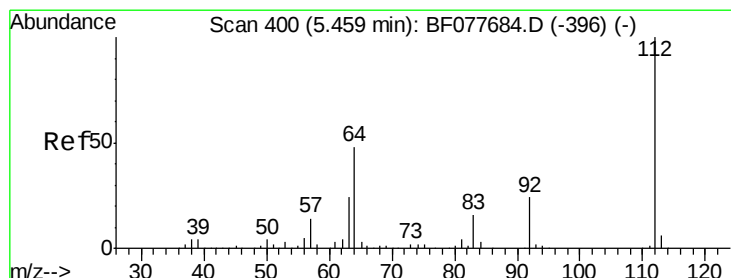
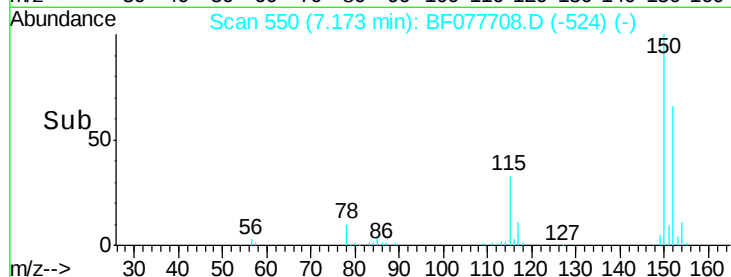
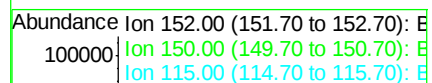
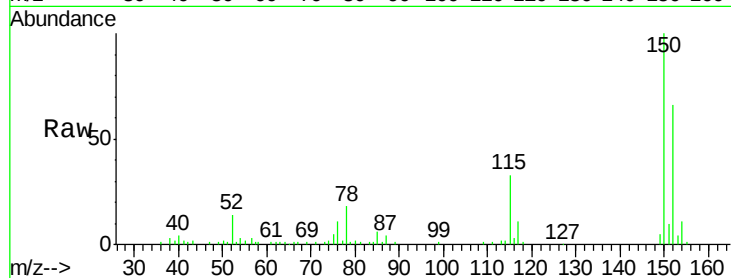
Tot Ion:152 Resp: 56526

Ion Ratio Lower Upper

152 100

150 152.6 119.5 179.3

115 51.0 43.0 64.4



#5

2-Fluorophenol

Concen: 65.40 ng

RT: 5.46 min Scan# 400

Delta R.T. -0.00 min

Lab File: BF077708.D

Acq: 12 Mar 2015 2:13

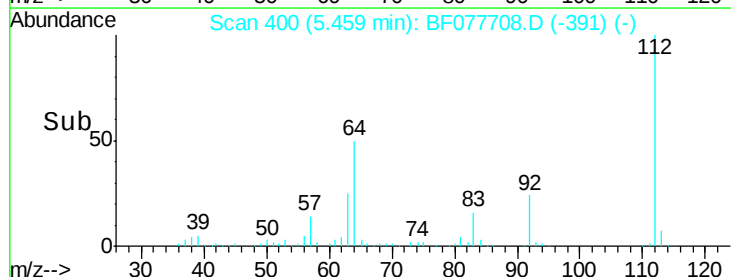
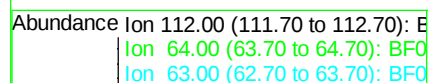
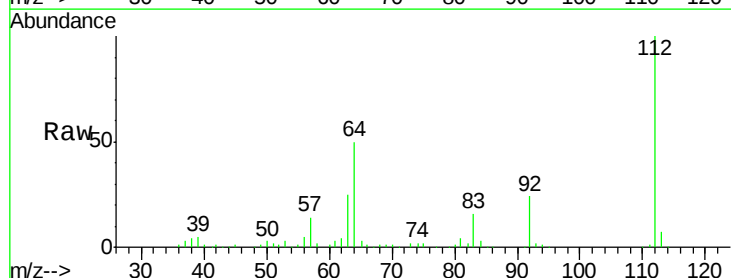
Tgt Ion:112 Resp: 211772

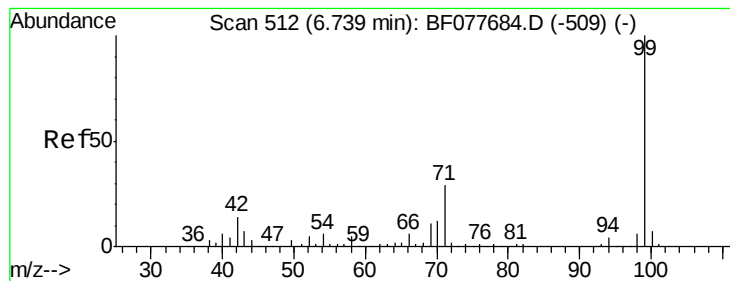
Ion Ratio Lower Upper

112 100

64 49.6 38.6 57.8

63 24.7 19.3 28.9





#7

Phenol-d6

Concen: 42.59 ng

RT: 6.73 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF077708.D

Acq: 12 Mar 2015 2:13

Instrument :

BNA_F

ClientSampleId :

MW-10

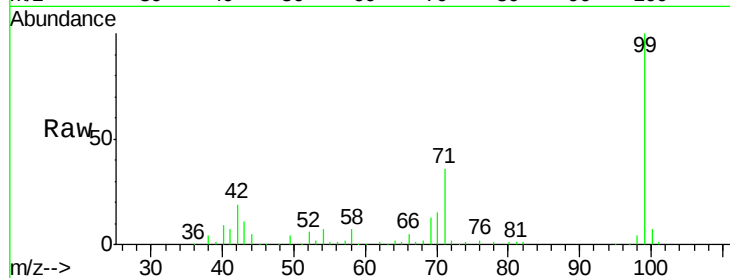
Tot Ion: 99 Resp: 170388

Ion Ratio Lower Upper

99 100

42 19.2 11.0 16.4#

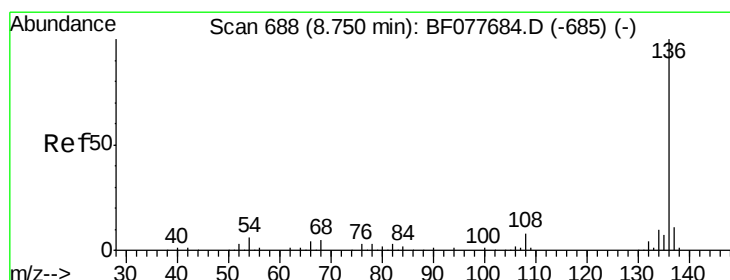
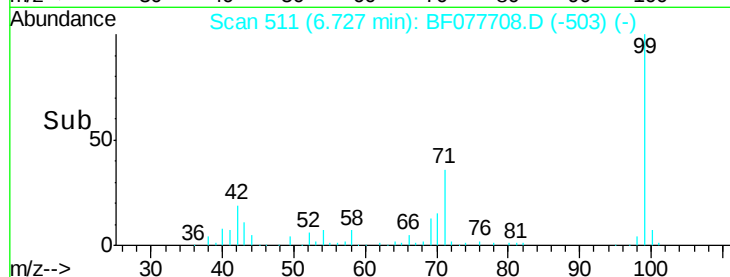
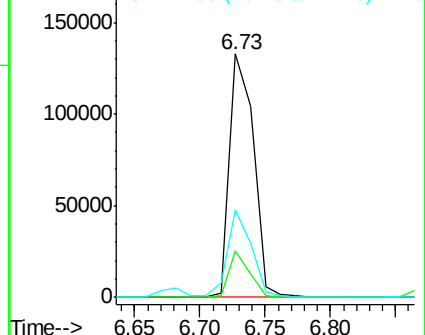
71 35.9 23.4 35.2#



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.75 min Scan# 688

Delta R.T. -0.00 min

Lab File: BF077708.D

Acq: 12 Mar 2015 2:13

Tgt Ion: 136 Resp: 234247

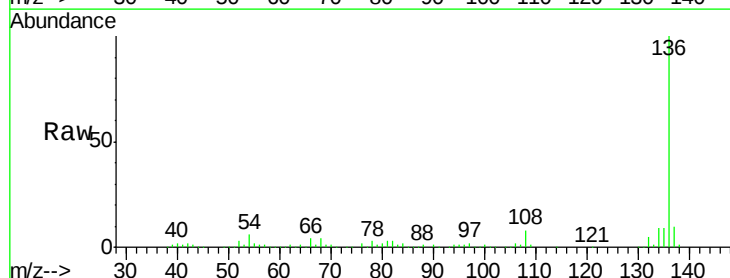
Ion Ratio Lower Upper

136 100

137 10.2 8.7 13.1

54 5.6 4.6 6.8

68 4.5 3.7 5.5

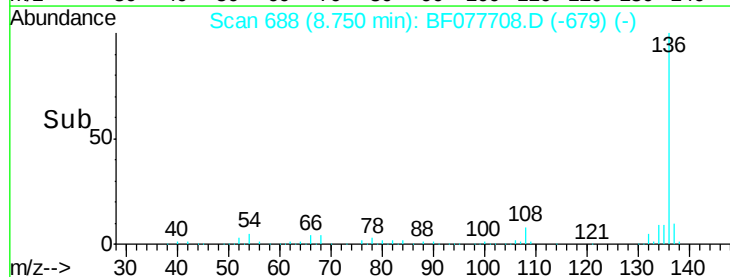
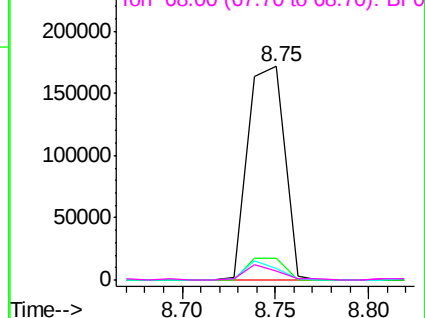


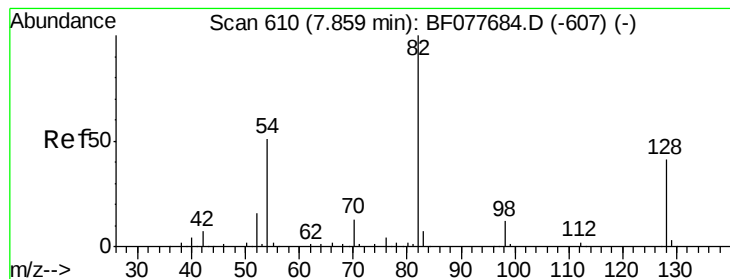
Abundance Ion 136.00 (135.70 to 136.70): E

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: 84.02 ng

RT: 7.86 min Scan# 610

Delta R.T. -0.00 min

Lab File: BF077708.D

Acq: 12 Mar 2015 2:13

Instrument :

BNA_F

ClientSampled :

MW-10

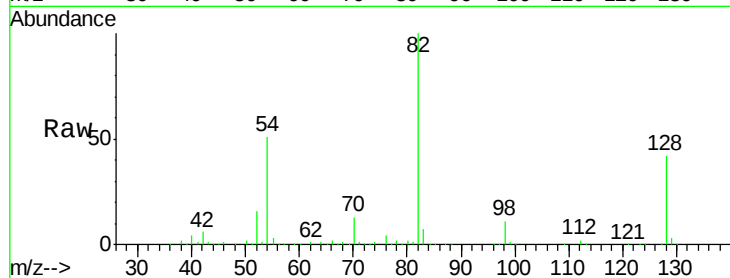
Tot Ion: 82 Resp: 300251

Ion Ratio Lower Upper

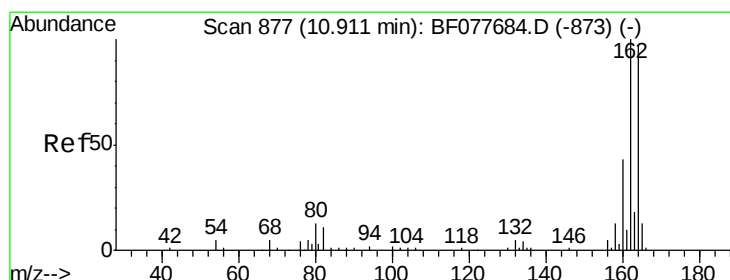
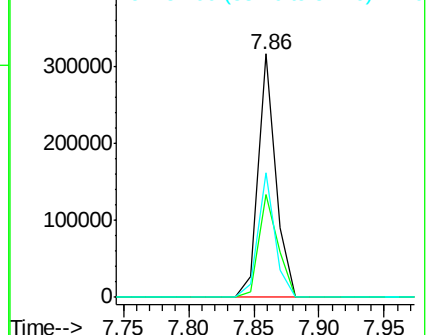
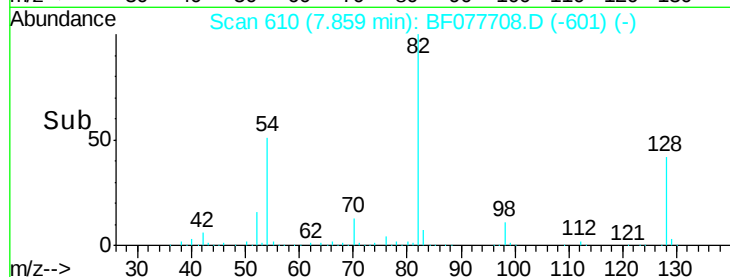
82 100

128 42.4 32.8 49.2

54 51.0 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BF077708.D (-601) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.91 min Scan# 877

Delta R.T. -0.00 min

Lab File: BF077708.D

Acq: 12 Mar 2015 2:13

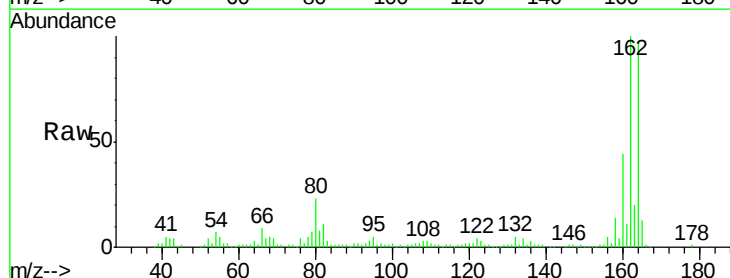
Tgt Ion: 164 Resp: 114355

Ion Ratio Lower Upper

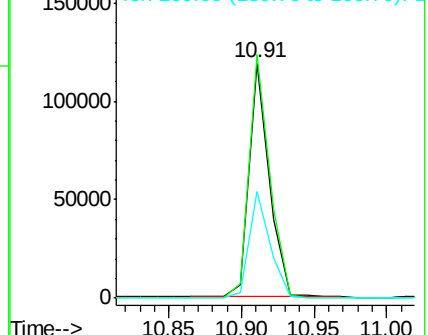
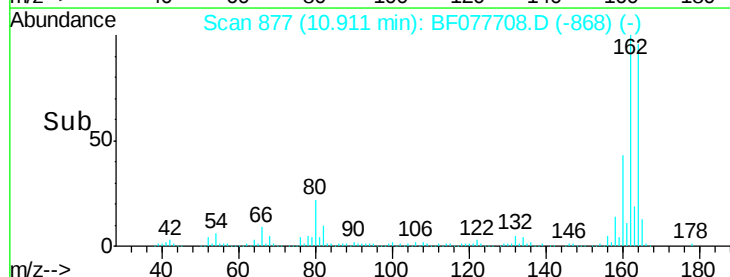
164 100

162 103.6 82.4 123.6

160 45.5 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): BF077708.D (-868) (-)

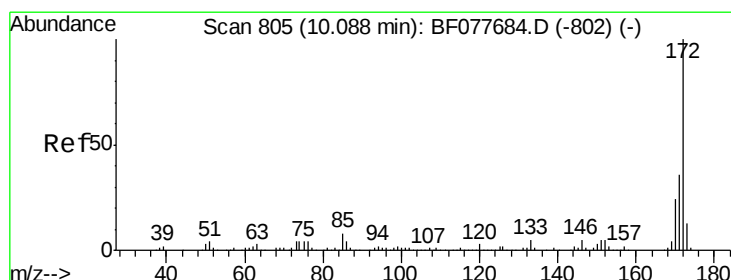
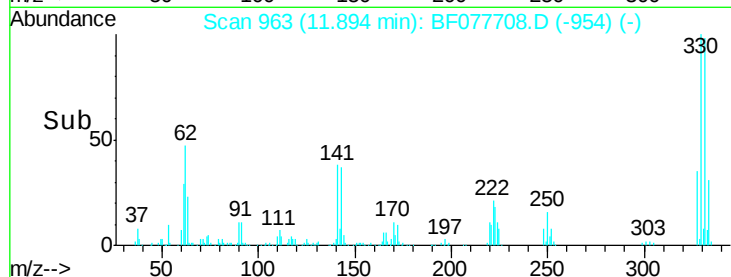
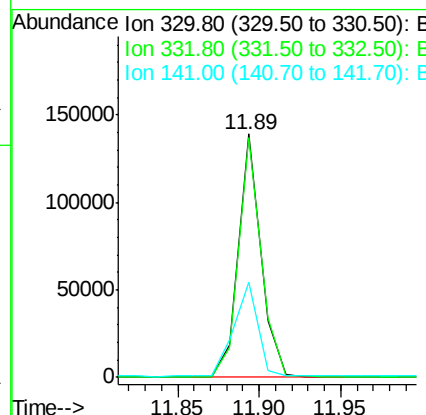
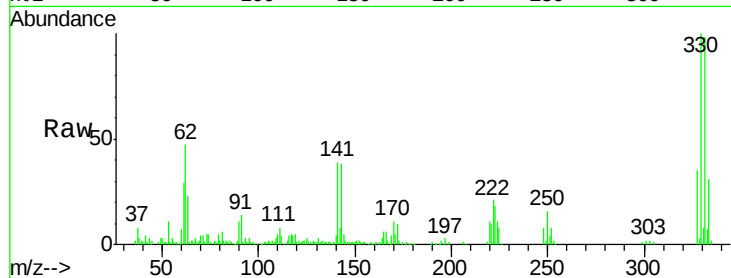




#41
 2,4,6-Tribromophenol
 Concen: 120.69 ng
 RT: 11.89 min Scan# 963
 Delta R.T. -0.00 min
 Lab File: BF077708.D
 Acq: 12 Mar 2015 2:13

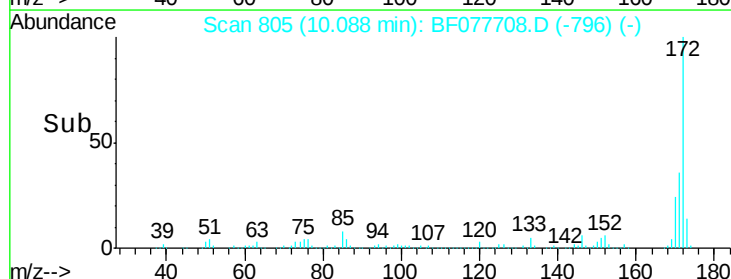
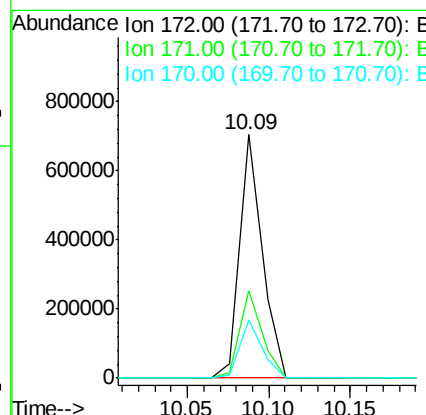
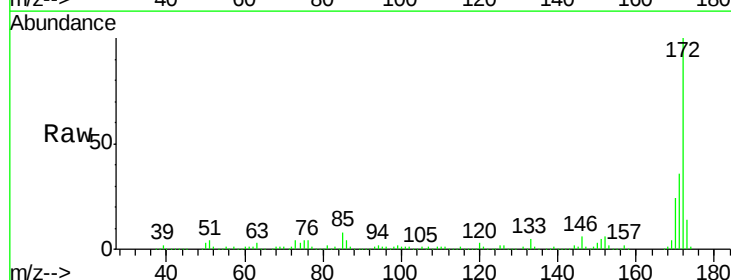
Instrument :
 BNA_F
 ClientSampleId :
 MW-10

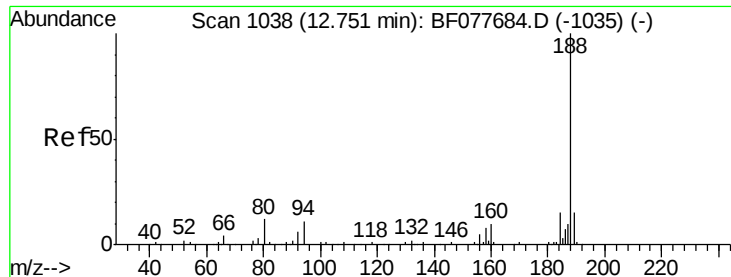
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.6	0.0	0.0#
141	40.9	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 86.32 ng
 RT: 10.09 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF077708.D
 Acq: 12 Mar 2015 2:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.5	42.7
170	23.9	18.8	28.2

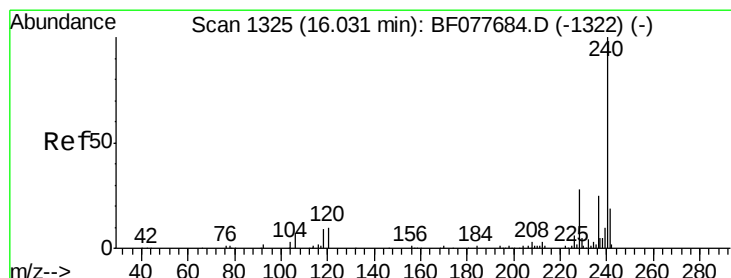
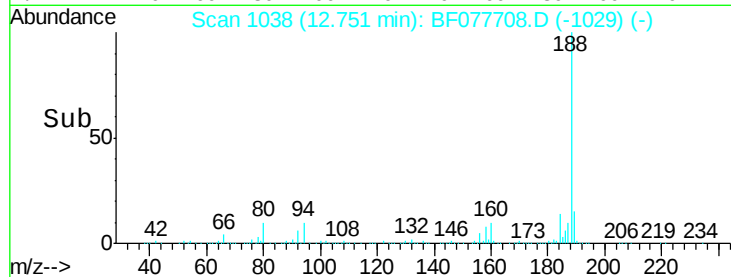
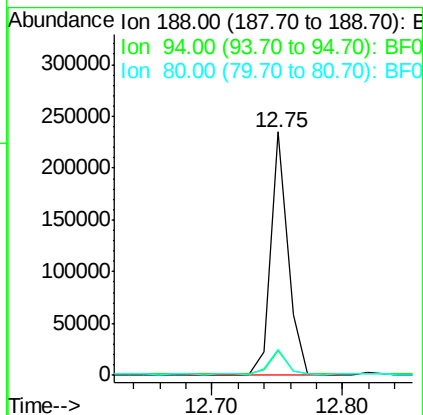
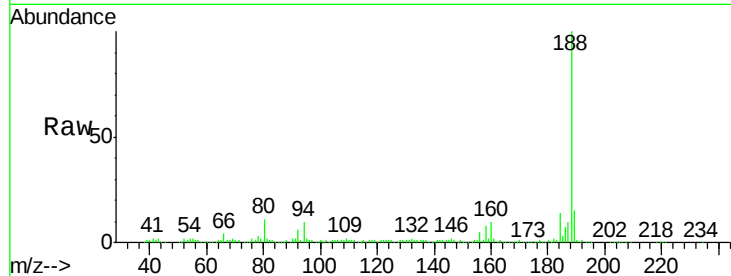




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.75 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF077708.D
Acq: 12 Mar 2015 2:13

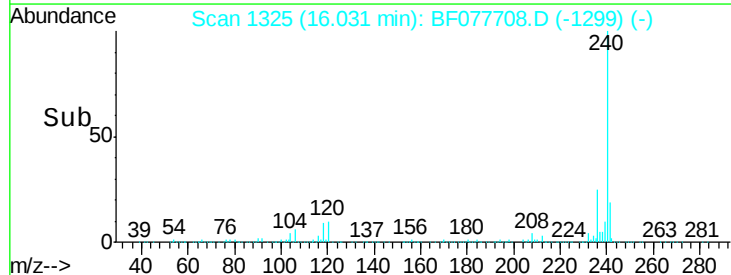
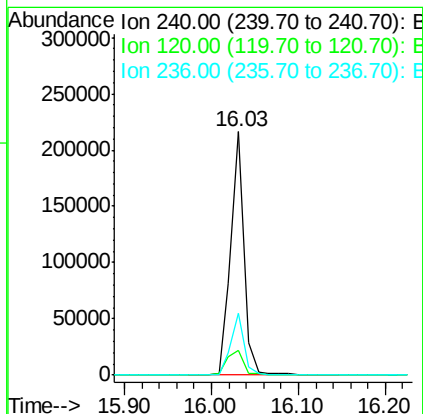
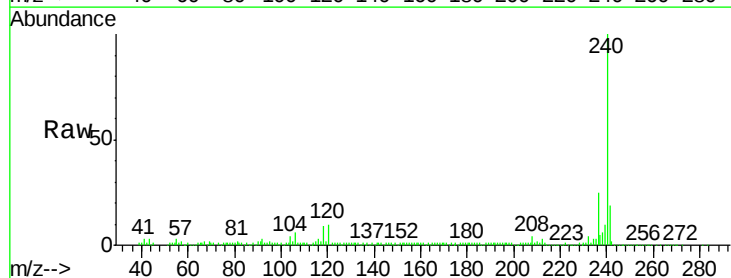
Instrument :
BNA_F
ClientSampleId :
MW-10

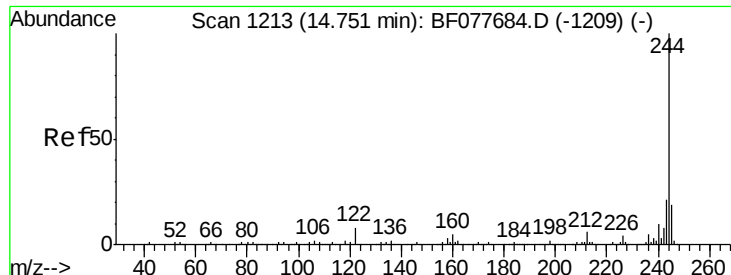
Tot Ion:188 Resp: 219569
Ion Ratio Lower Upper
188 100
94 10.3 8.7 13.1
80 10.9 9.3 13.9



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.03 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BF077708.D
Acq: 12 Mar 2015 2:13

Tgt Ion:240 Resp: 227459
Ion Ratio Lower Upper
240 100
120 10.2 8.2 12.2
236 25.3 20.0 30.0





#78

Terphenyl-d14

Concen: 76.55 ng

RT: 14.75 min Scan# 1213

Delta R.T. -0.00 min

Lab File: BF077708.D

Acq: 12 Mar 2015 2:13

Instrument :

BNA_F

ClientSampleId :

MW-10

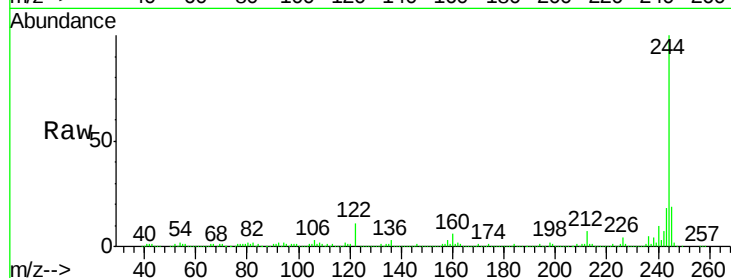
Tot Ion:244 Resp: 712855

Ion Ratio Lower Upper

244 100

212 6.6 4.9 7.3

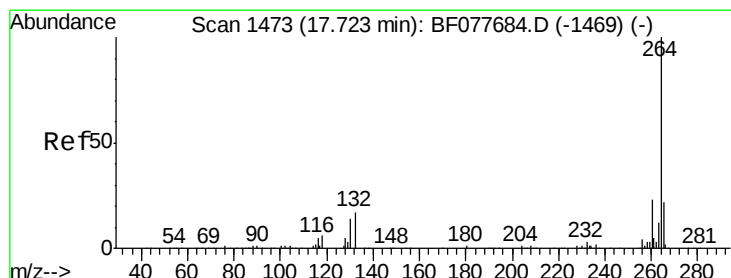
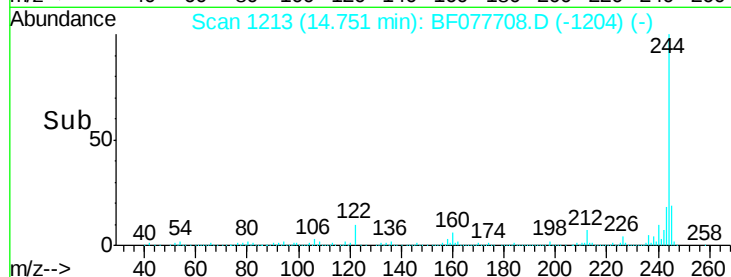
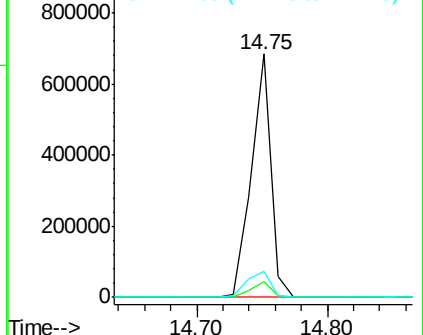
122 10.5 6.2 9.4#



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: 17.70 min Scan# 1471

Delta R.T. -0.02 min

Lab File: BF077708.D

Acq: 12 Mar 2015 2:13

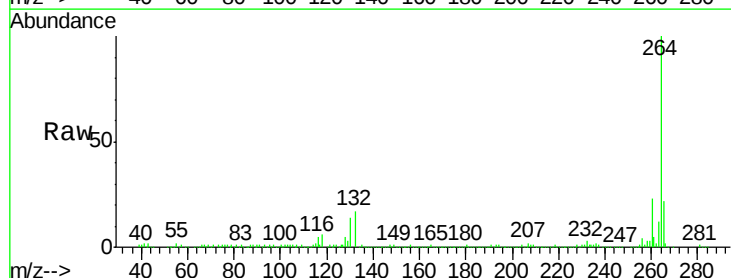
Tgt Ion:264 Resp: 225406

Ion Ratio Lower Upper

264 100

260 23.3 18.6 27.8

265 21.5 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

