

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031115\
 Data File : BF077709.D
 Acq On : 12 Mar 2015 2:42
 Operator : TP/IZ
 Sample : G1474-05
 Misc : W
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Quant Time: Mar 12 06:06:56 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	55859	20.00	ng	0.00
21) Naphthalene-d8	8.75	136	231413	20.00	ng	0.00
38) Acenaphthene-d10	10.91	164	121793	20.00	ng	0.00
63) Phenanthrene-d10	12.75	188	237005	20.00	ng	0.00
75) Chrysene-d12	16.03	240	243103	20.00	ng	0.00
86) Perylene-d12	17.70	264	232406	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	165607	51.75	ng	0.00
7) Phenol-d6	6.74	99	133079	33.66	ng	0.00
23) Nitrobenzene-d5	7.86	82	263990	74.78	ng	0.00
41) 2,4,6-Tribromophenol	11.89	330	131686	113.01	ng	0.00
44) 2-Fluorobiphenyl	10.09	172	618992	74.69	ng	0.00
78) Terphenyl-d14	14.75	244	736257	73.98	ng	0.00

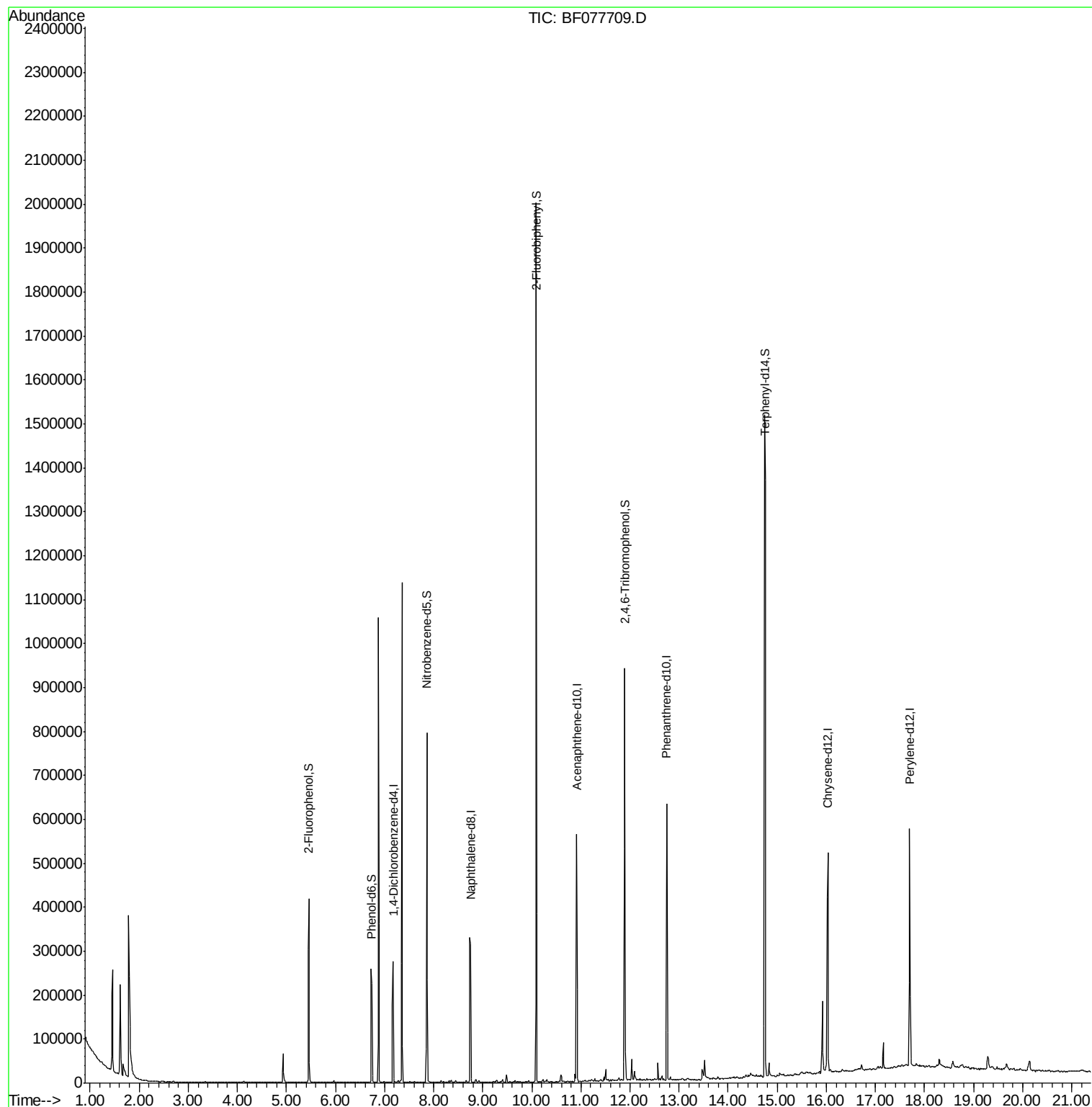
Target Compounds Qvalue

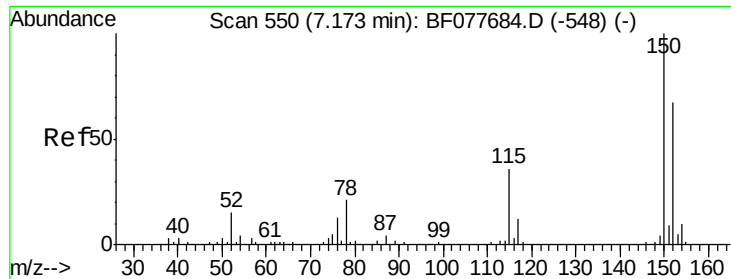
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF077709.D

Acq: 12 Mar 2015 2:42

Instrument :

BNA_F

ClientSampleId :

MW-1

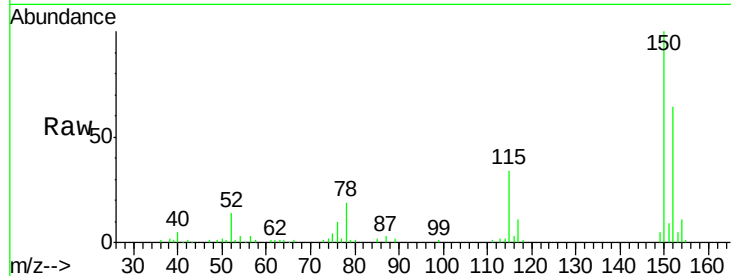
Tot Ion:152 Resp: 55859

Ion Ratio Lower Upper

152 100

150 157.1 119.5 179.3

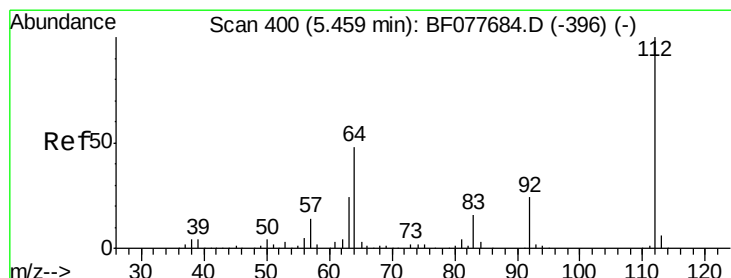
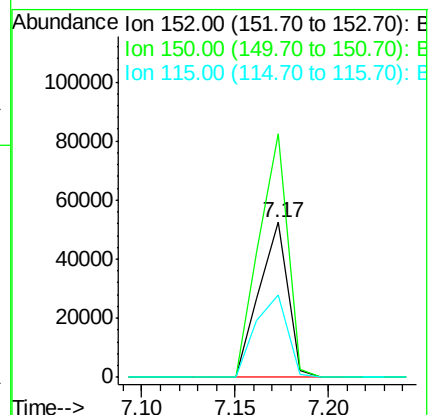
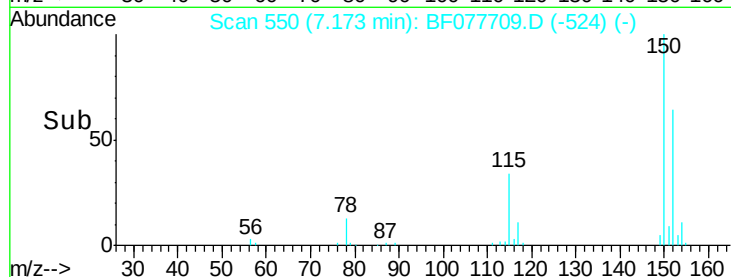
115 53.0 43.0 64.4



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: 51.75 ng

RT: 5.46 min Scan# 400

Delta R.T. -0.00 min

Lab File: BF077709.D

Acq: 12 Mar 2015 2:42

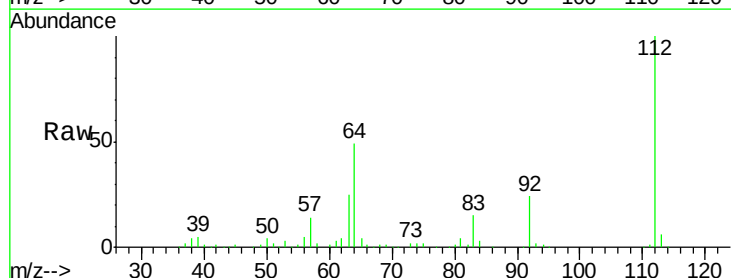
Tgt Ion:112 Resp: 165607

Ion Ratio Lower Upper

112 100

64 48.6 38.6 57.8

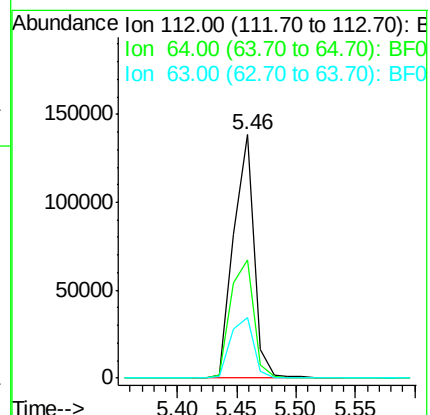
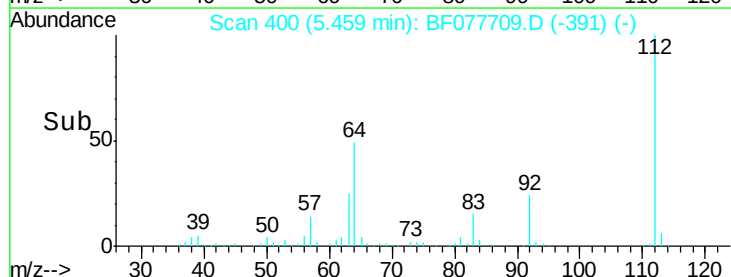
63 24.7 19.3 28.9

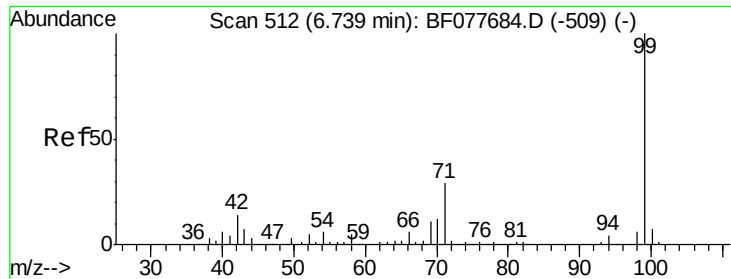


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 33.66 ng

RT: 6.74 min Scan# 512

Delta R.T. -0.00 min

Lab File: BF077709.D

Acq: 12 Mar 2015 2:42

Instrument :

BNA_F

ClientSampleId :

MW-1

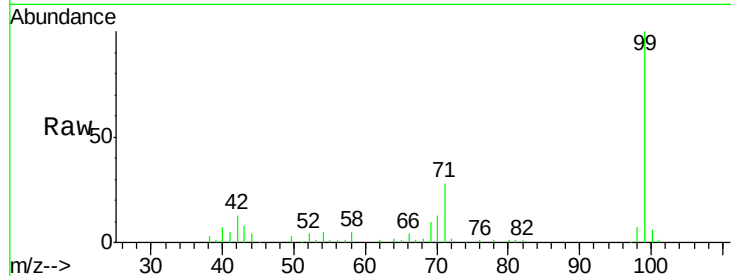
Tot Ion: 99 Resp: 133079

Ion Ratio Lower Upper

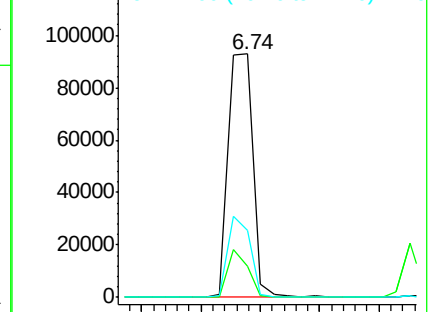
99 100

42 12.8 11.0 16.4

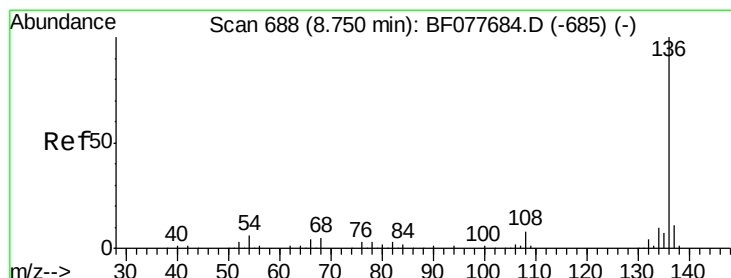
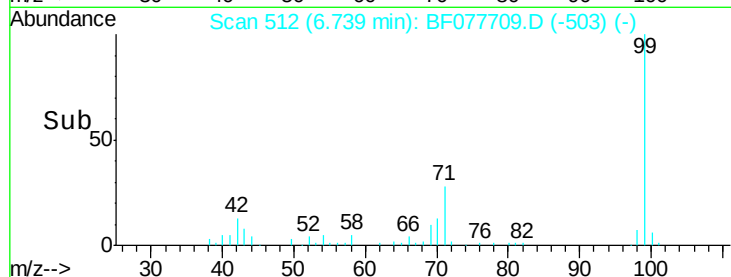
71 27.7 23.4 35.2



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: 8.75 min Scan# 688

Delta R.T. -0.00 min

Lab File: BF077709.D

Acq: 12 Mar 2015 2:42

Tgt Ion: 136 Resp: 231413

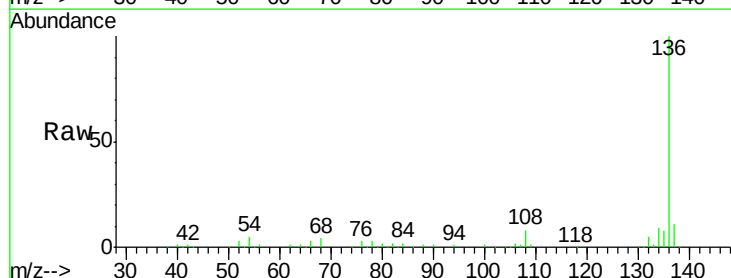
Ion Ratio Lower Upper

136 100

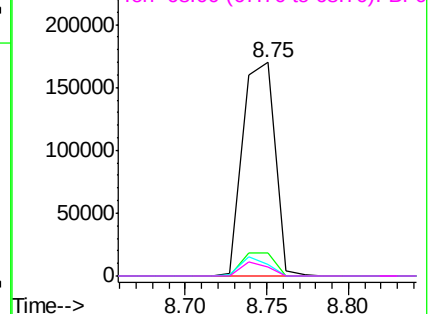
137 10.6 8.7 13.1

54 5.2 4.6 6.8

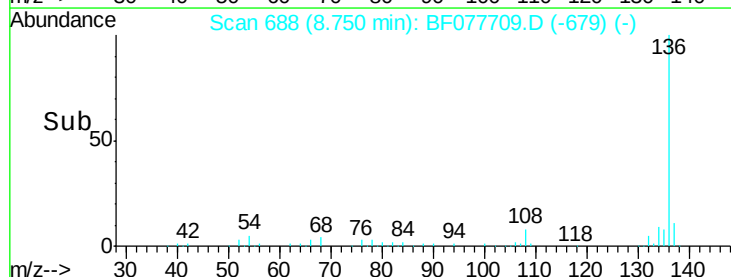
68 4.4 3.7 5.5

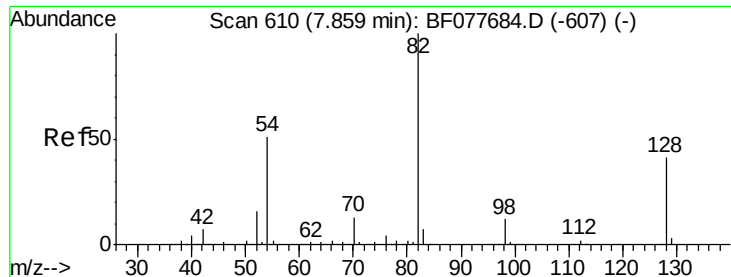


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0



Time-->

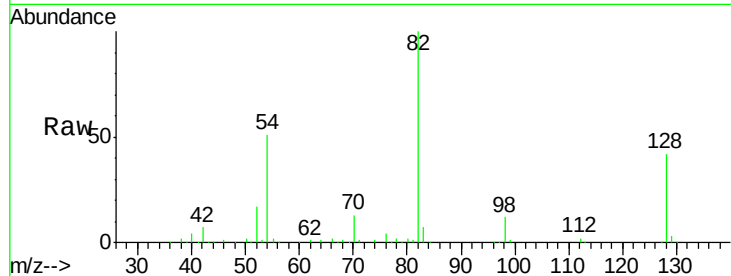




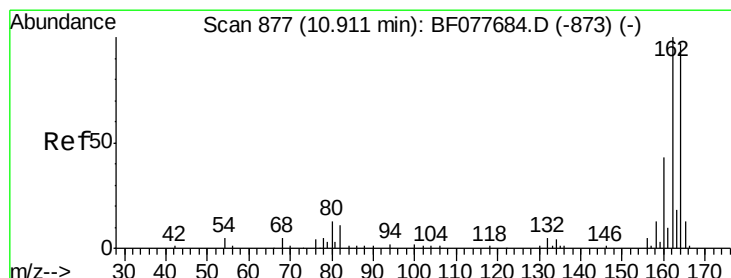
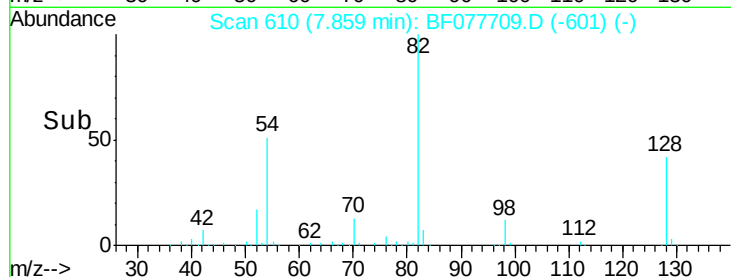
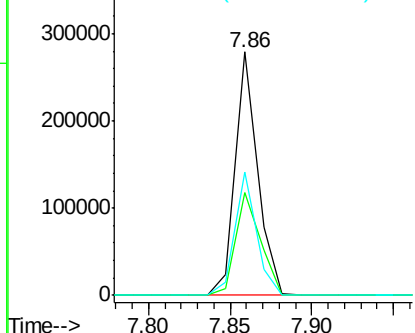
#23
 Nitrobenzene-d5
 Concen: 74.78 ng
 RT: 7.86 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: BF077709.D
 Acq: 12 Mar 2015 2:42

Instrument :
 BNA_F
 ClientSampled :
 MW-1

Tot Ion	82	Resp	263990
Ion Ratio	100	Lower	Upper
128	42.0	32.8	49.2
54	50.5	40.6	60.8

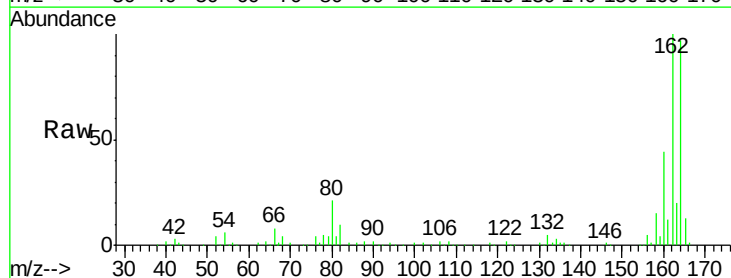


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

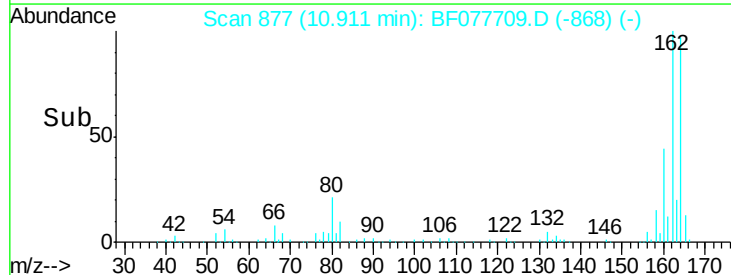
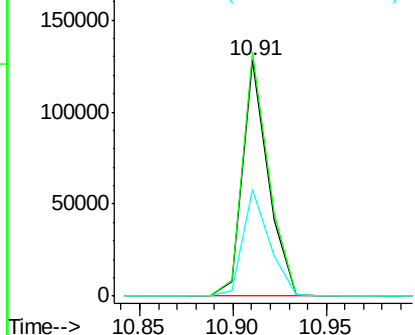


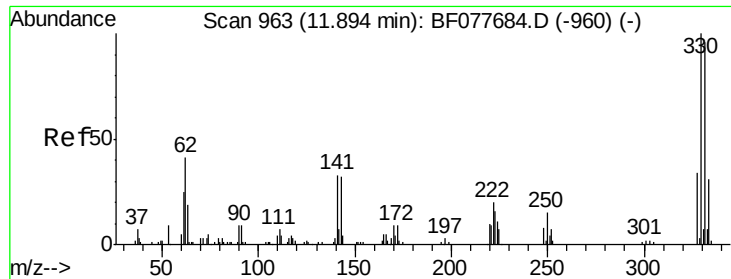
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.91 min Scan# 877
 Delta R.T. -0.00 min
 Lab File: BF077709.D
 Acq: 12 Mar 2015 2:42

Tgt Ion	164	Resp	121793
Ion Ratio	100	Lower	Upper
162	103.2	82.4	123.6
160	45.5	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: 113.01 ng

RT: 11.89 min Scan# 963

Delta R.T. -0.00 min

Lab File: BF077709.D

Acq: 12 Mar 2015 2:42

Instrument :

BNA_F

ClientSampleId :

MW-1

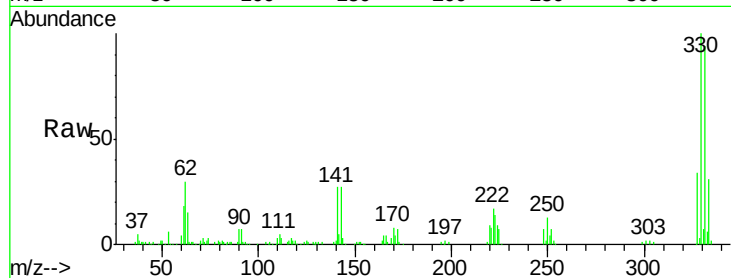
Tot Ion:330 Resp: 131686

Ion Ratio Lower Upper

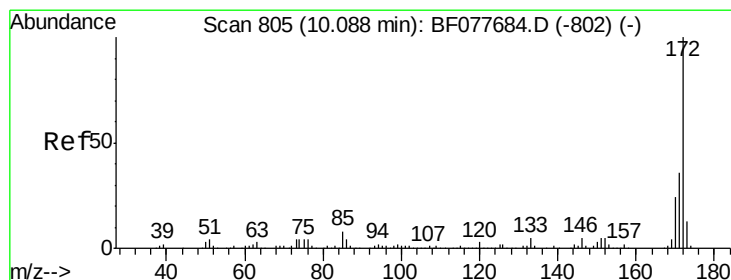
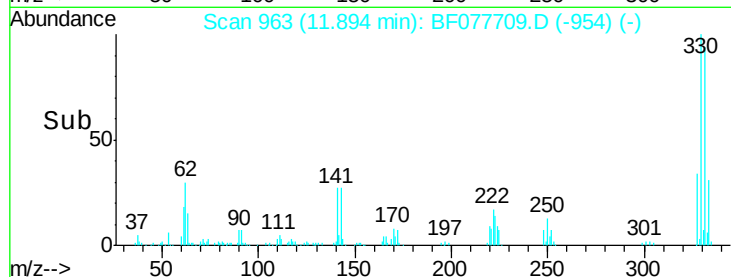
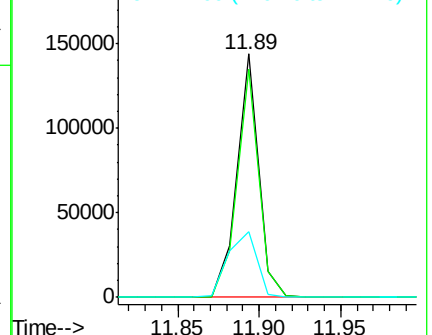
330 100

332 93.5 0.0 0.0#

141 36.4 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: 74.69 ng

RT: 10.09 min Scan# 805

Delta R.T. -0.00 min

Lab File: BF077709.D

Acq: 12 Mar 2015 2:42

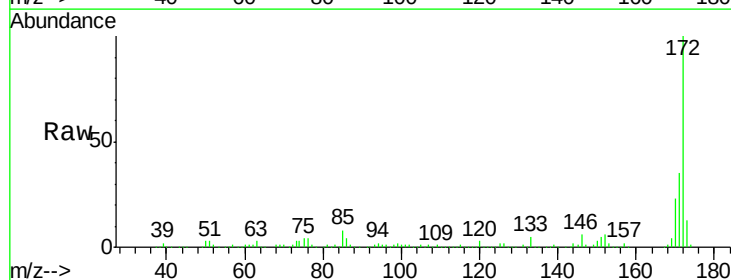
Tgt Ion:172 Resp: 618992

Ion Ratio Lower Upper

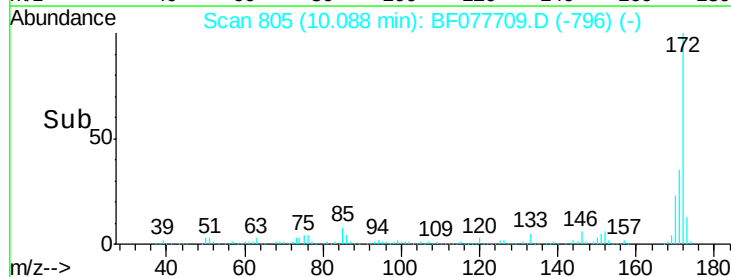
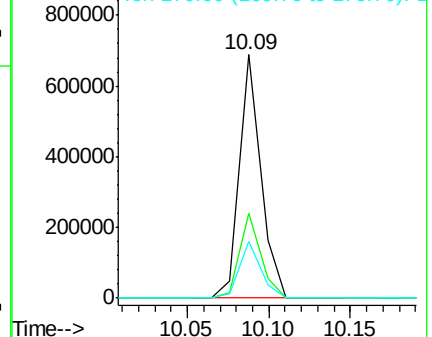
172 100

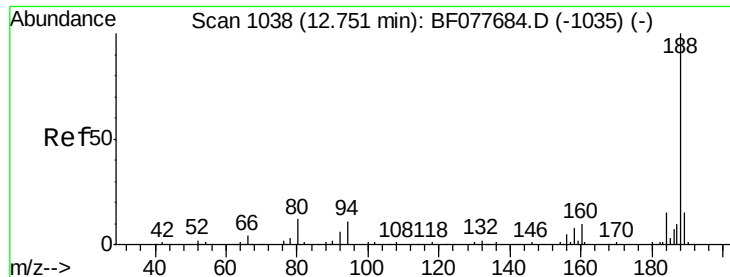
171 35.0 28.5 42.7

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

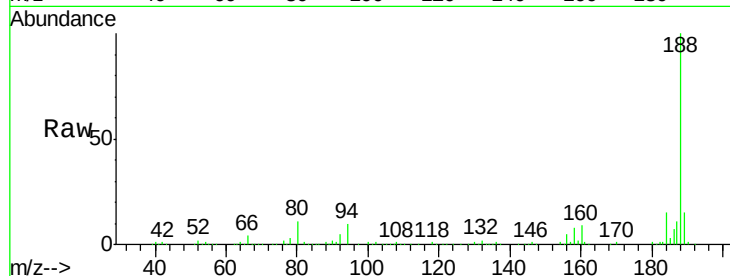




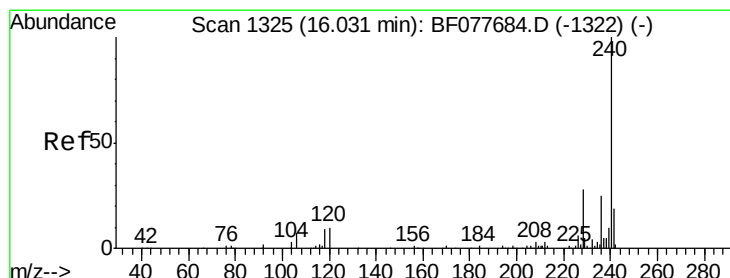
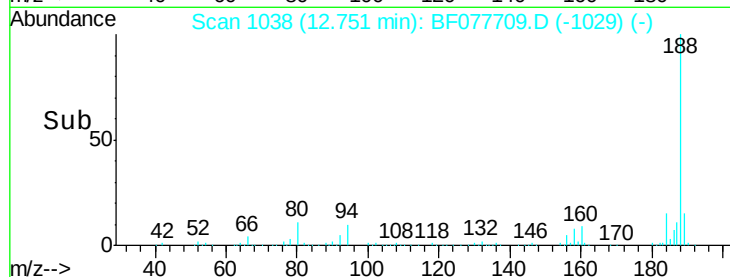
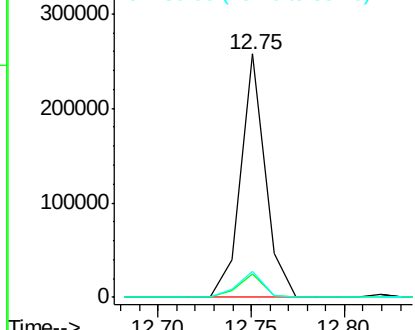
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.75 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF077709.D
Acq: 12 Mar 2015 2:42

Instrument :
BNA_F
ClientSampleId :
MW-1

Tot Ion:188 Resp: 237005
Ion Ratio Lower Upper
188 100
94 9.6 8.7 13.1
80 10.5 9.3 13.9

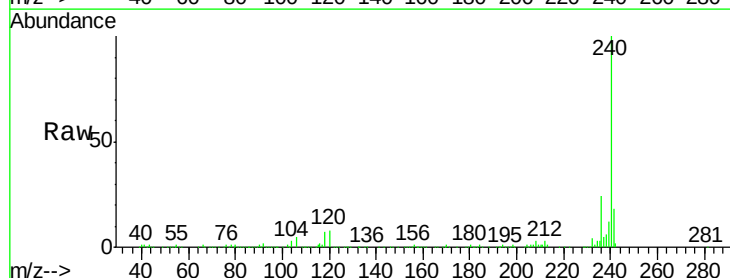


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

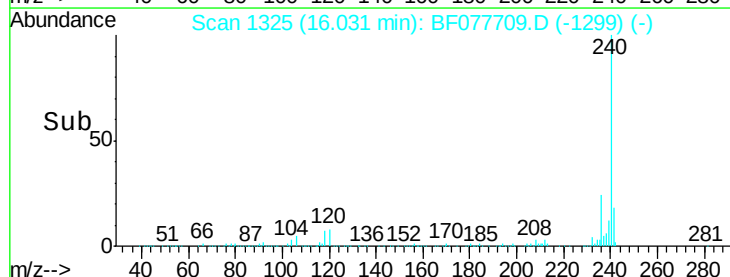
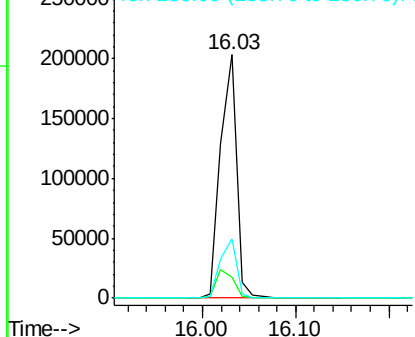


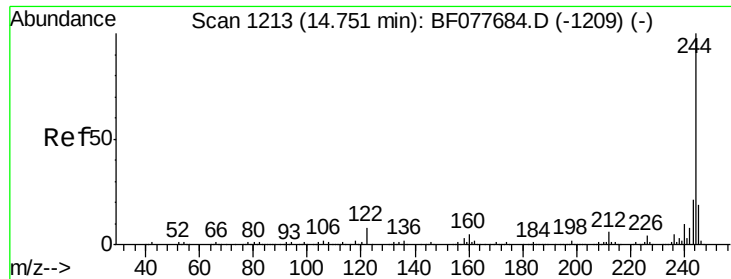
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.03 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BF077709.D
Acq: 12 Mar 2015 2:42

Tgt Ion:240 Resp: 243103
Ion Ratio Lower Upper
240 100
120 8.5 8.2 12.2
236 24.5 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

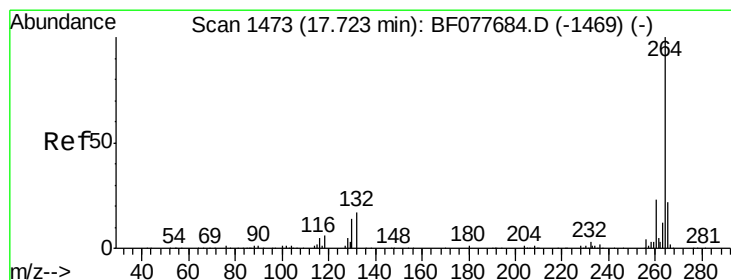
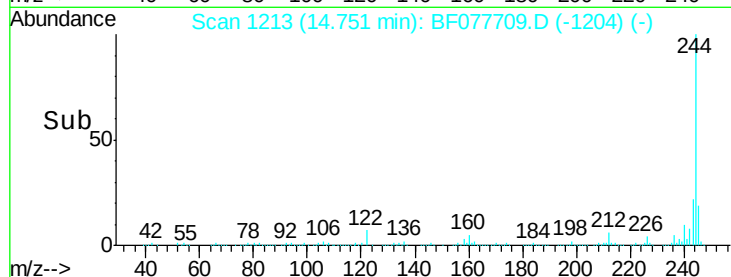
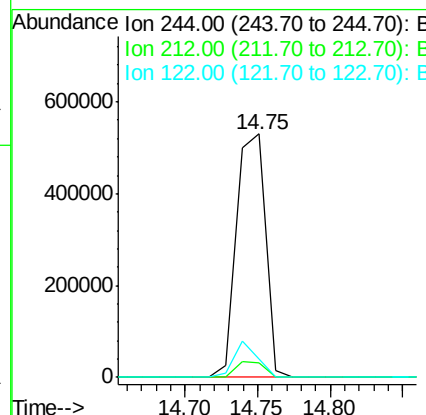
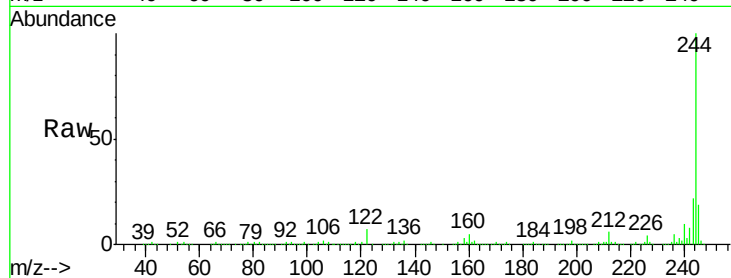




#78
 Terphenyl-d14
 Concen: 73.98 ng
 RT: 14.75 min Scan# 1213
 Delta R.T. -0.00 min
 Lab File: BF077709.D
 Acq: 12 Mar 2015 2:42

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.0	4.9	7.3
122	7.3	6.2	9.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.70 min Scan# 1471
 Delta R.T. -0.02 min
 Lab File: BF077709.D
 Acq: 12 Mar 2015 2:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	27.8
265	21.9	17.3	25.9

