

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031115\
 Data File : BF077715.D
 Acq On : 12 Mar 2015 5:34
 Operator : TP/IZ
 Sample : G1474-11
 Misc : W
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Quant Time: Mar 12 06:07:19 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

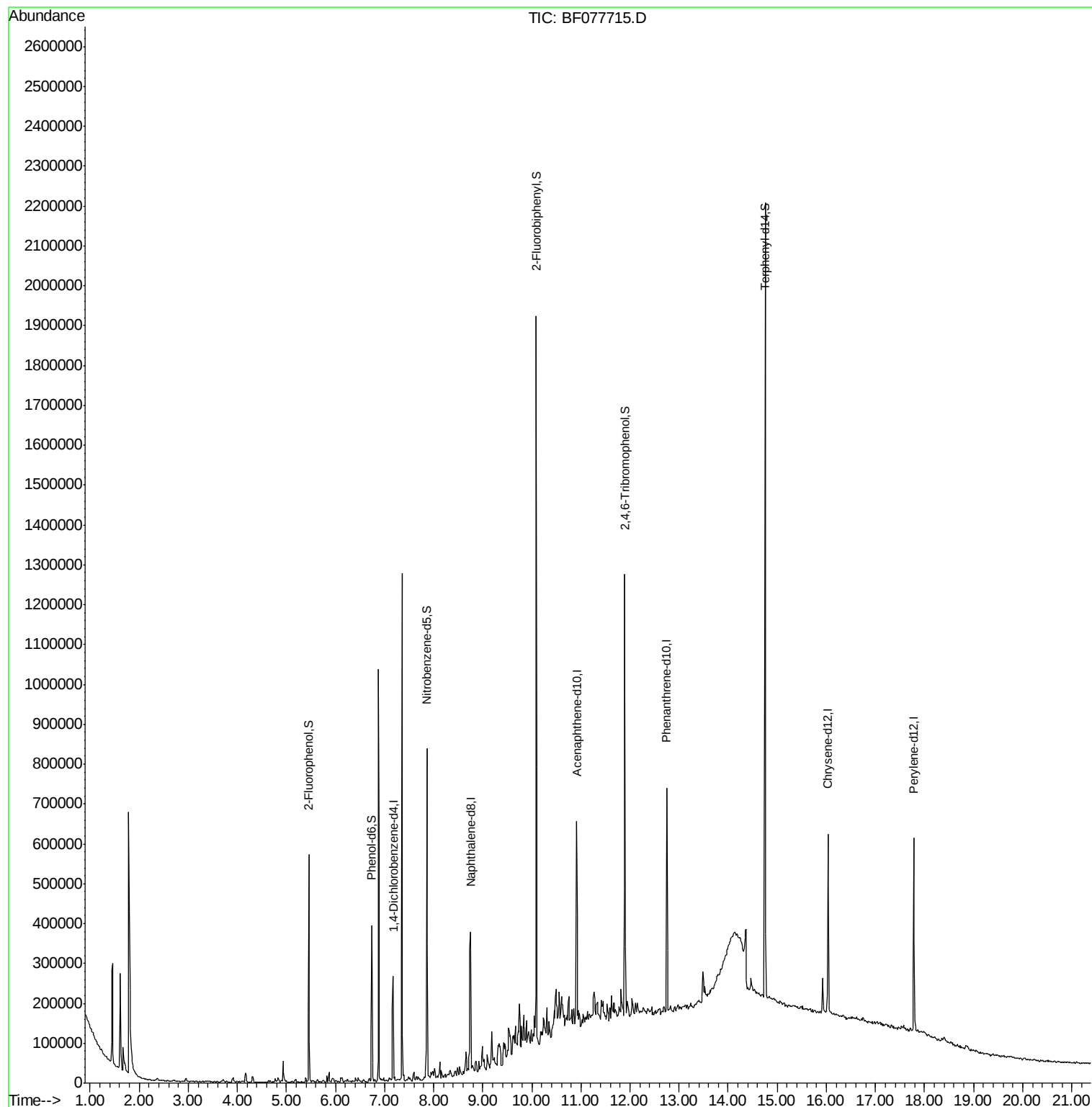
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.17	152	52430	20.00	ng	0.00
21) Naphthalene-d8	8.75	136	220011	20.00	ng	0.00
38) Acenaphthene-d10	10.91	164	112531	20.00	ng	0.00
63) Phenanthrene-d10	12.75	188	215777	20.00	ng	0.00
75) Chrysene-d12	16.03	240	219040	20.00	ng	0.00
86) Perylene-d12	17.78	264	222852	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	182971	60.92	ng	0.00
7) Phenol-d6	6.74	99	144910	39.05	ng	0.00
23) Nitrobenzene-d5	7.86	82	287927	85.79	ng	0.00
41) 2,4,6-Tribromophenol	11.89	330	131434	122.07	ng	0.00
44) 2-Fluorobiphenyl	10.09	172	648283	84.66	ng	0.00
78) Terphenyl-d14	14.75	244	732789	81.72	ng	0.00
Target Compounds						
76) Benzidine	14.40	184	1127	Below Cal	Qvalue #	1

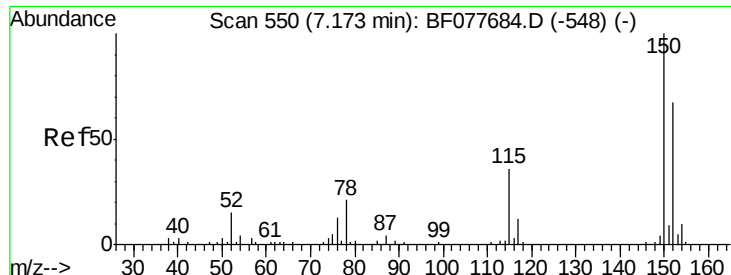
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031115\
Data File : BF077715.D
Acq On : 12 Mar 2015 5:34
Operator : TP/IZ
Sample : G1474-11
Misc : W
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2

Quant Time: Mar 12 06:07:19 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.17 min Scan# 550

Delta R.T. 0.00 min

Lab File: BF077715.D

Acq: 12 Mar 2015 5:34

Instrument :

BNA_F

ClientSampleId :

MW-2

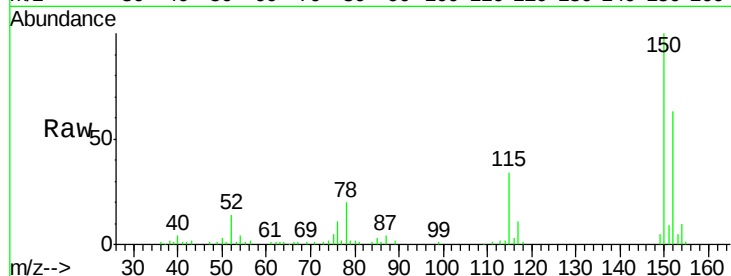
Tgt Ion:152 Resp: 52430

Ion Ratio Lower Upper

152 100

150 158.1 119.5 179.3

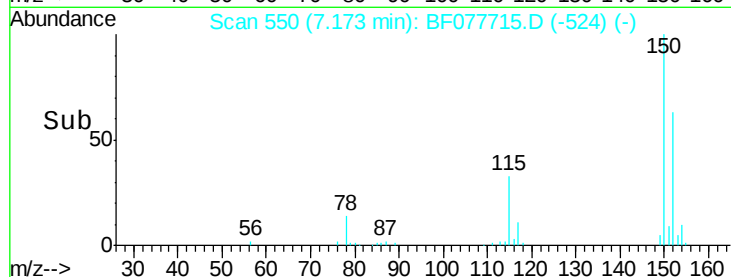
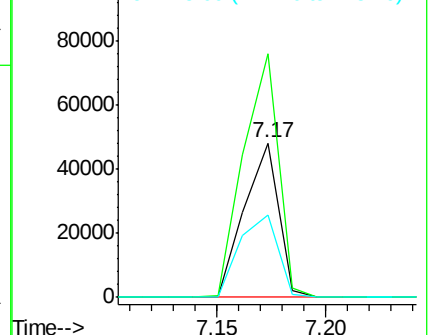
115 53.4 43.0 64.4



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: 60.92 ng

RT: 5.46 min Scan# 400

Delta R.T. 0.00 min

Lab File: BF077715.D

Acq: 12 Mar 2015 5:34

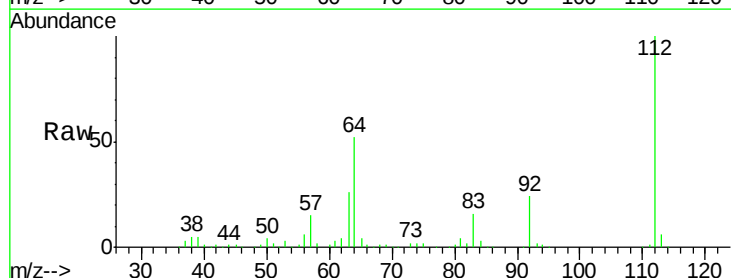
Tgt Ion:112 Resp: 182971

Ion Ratio Lower Upper

112 100

64 52.3 38.6 57.8

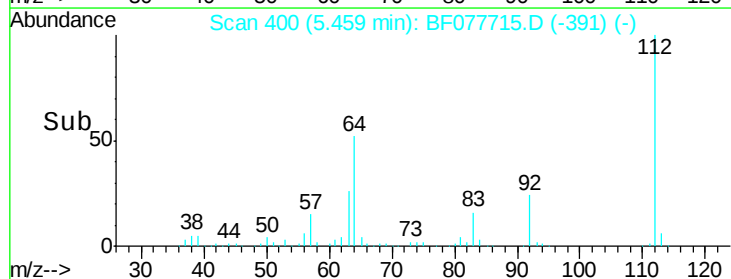
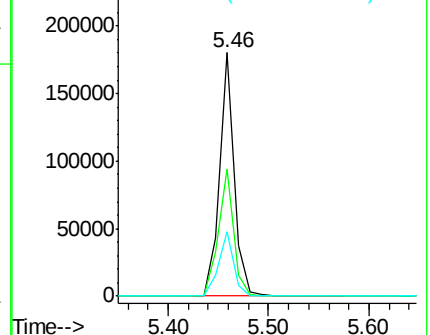
63 26.4 19.3 28.9



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: 39.05 ng

RT: 6.74 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF077715.D

Acq: 12 Mar 2015 5:34

Instrument :

BNA_F

ClientSampleId :

MW-2

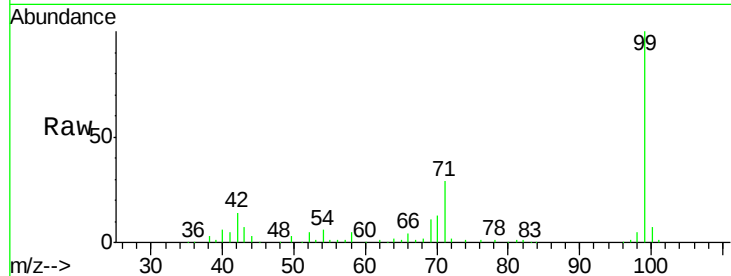
Tgt Ion: 99 Resp: 144910

Ion Ratio Lower Upper

99 100

42 14.2 11.0 16.4

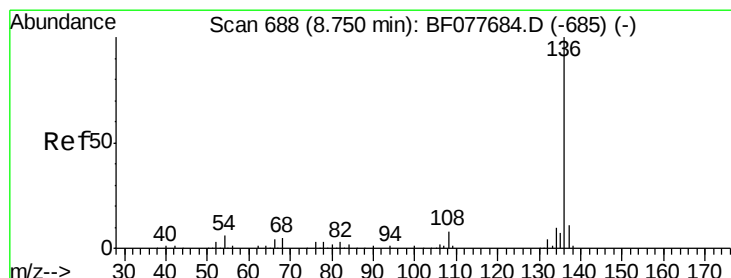
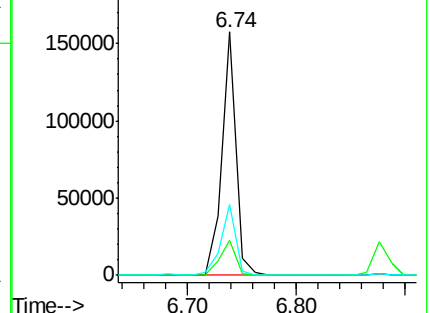
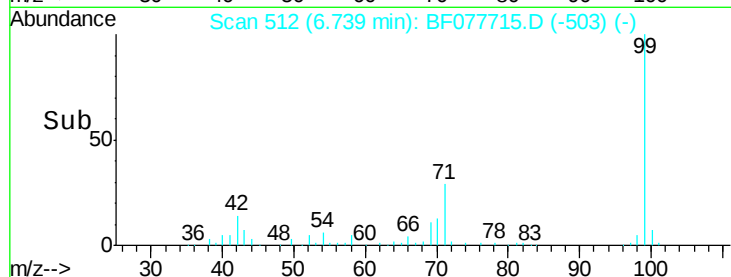
71 29.0 23.4 35.2



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: BF077715.D

Acq: 12 Mar 2015 5:34

Tgt Ion: 136 Resp: 220011

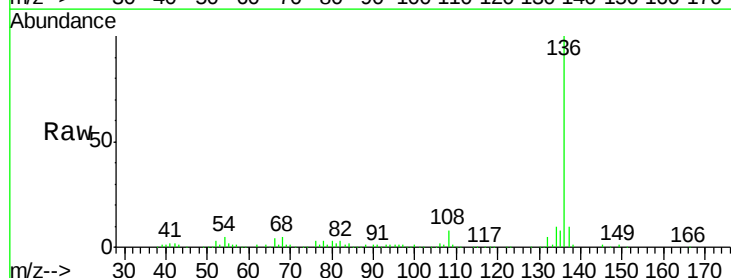
Ion Ratio Lower Upper

136 100

137 10.4 8.7 13.1

54 5.5 4.6 6.8

68 5.2 3.7 5.5

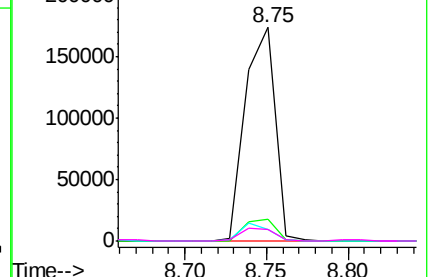
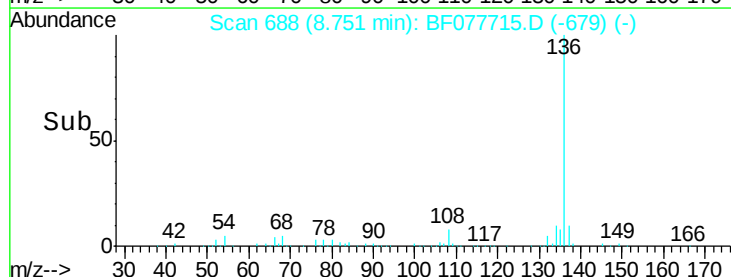


Abundance Ion 136.00 (135.70 to 136.70): E

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

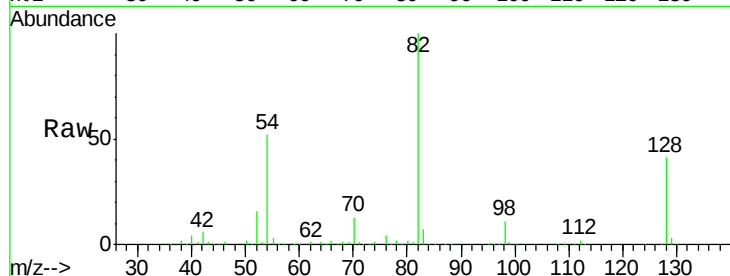




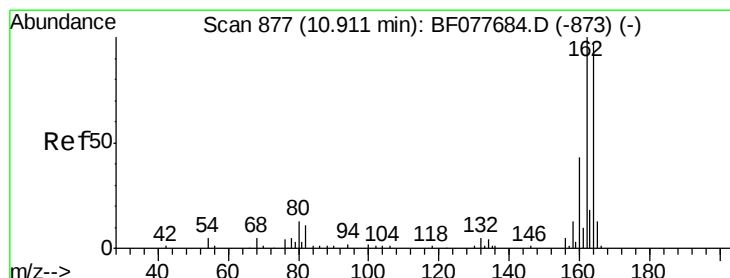
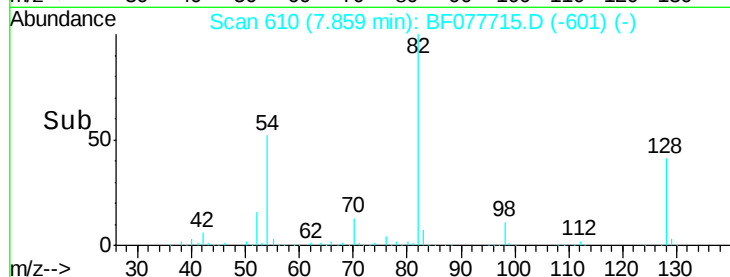
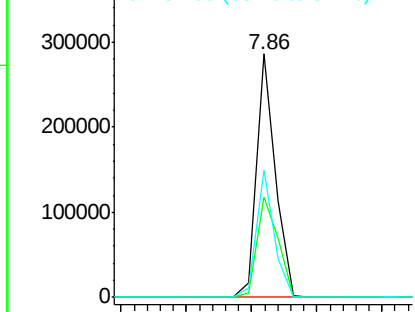
#23
 Nitrobenzene-d5
 Concen: 85.79 ng
 RT: 7.86 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF077715.D
 Acq: 12 Mar 2015 5:34

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.1	32.8	49.2
54	52.3	40.6	60.8

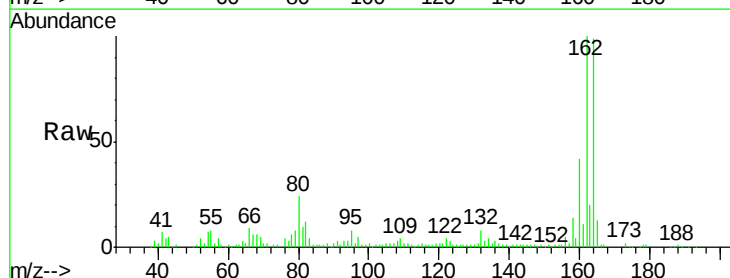


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

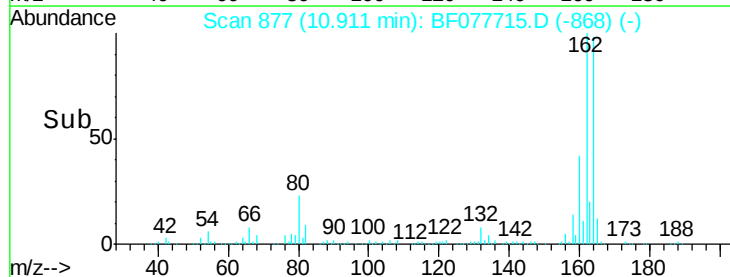
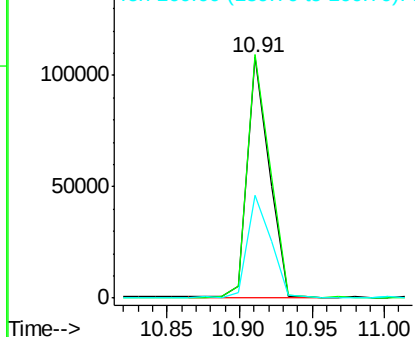


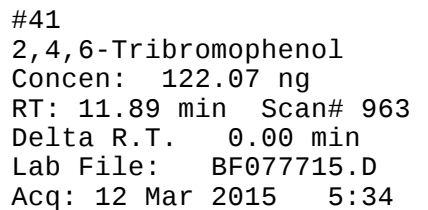
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.91 min Scan# 877
 Delta R.T. 0.00 min
 Lab File: BF077715.D
 Acq: 12 Mar 2015 5:34

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.1	82.4	123.6
160	42.9	35.8	53.6



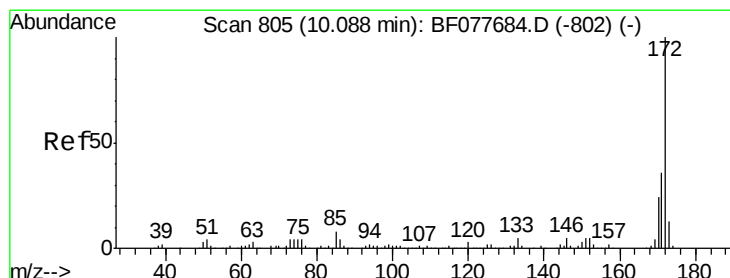
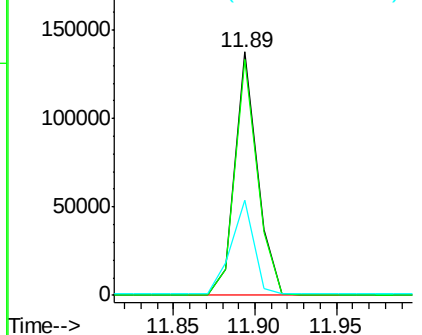
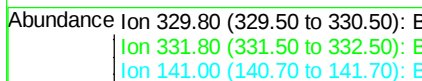
Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





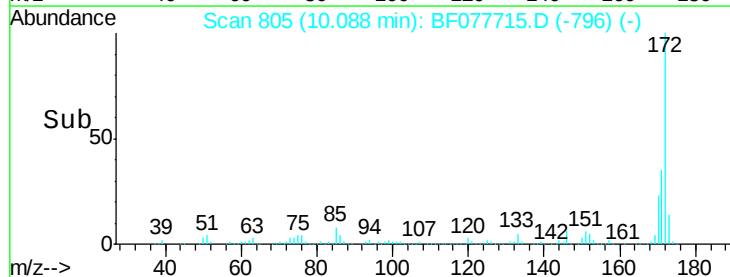
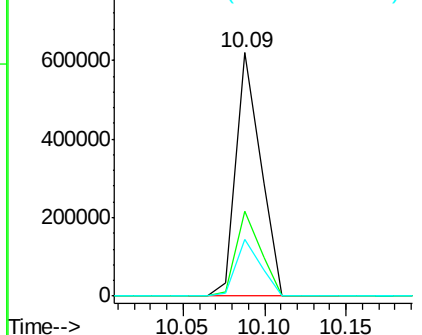
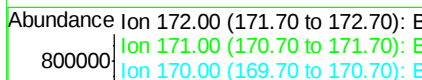
Instrument :
BNA_F
ClientSampleId :
MW-2

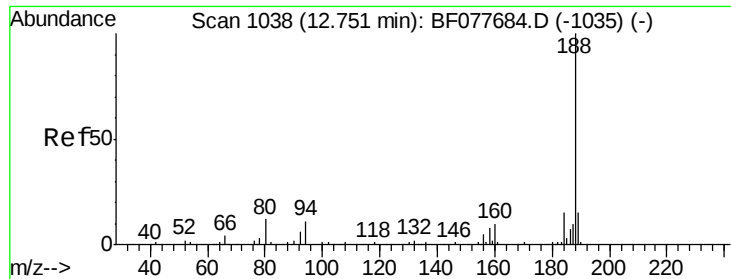
Tgt	Ion:330	Resp:	131434
Ion	Ratio	Lower	Upper
330	100		
332	97.0	0.0	0.0#
141	39.2	0.0	0.0#



```
#44
2-Fluorobiphenyl
Concen:      84.66 ng
RT: 10.09 min Scan# 805
Delta R.T.   0.00 min
Lab File:    BF077715.D
Acq: 12 Mar 2015  5:34
```

Tgt	Ion:172	Resp:	648283
Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.5	42.7
170	23.5	18.8	28.2

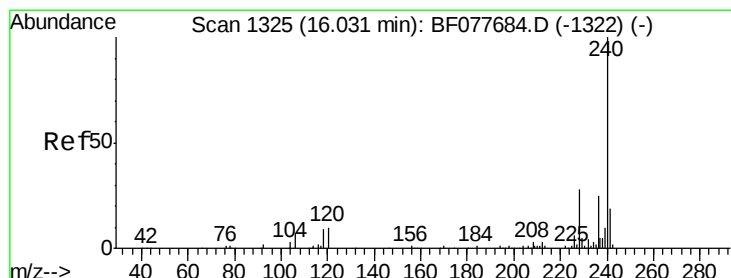
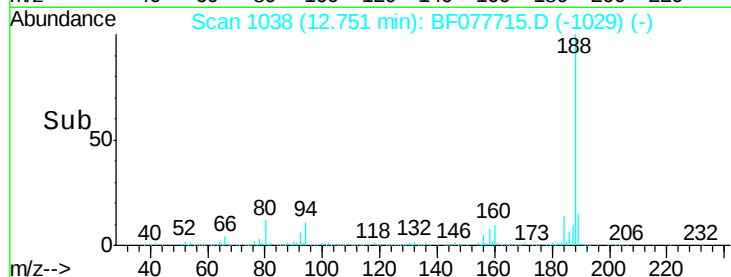
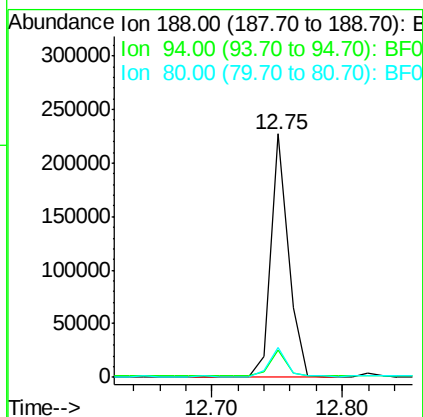
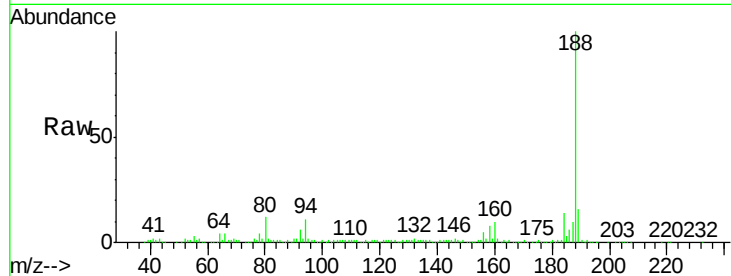




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.75 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF077715.D
Acq: 12 Mar 2015 5:34

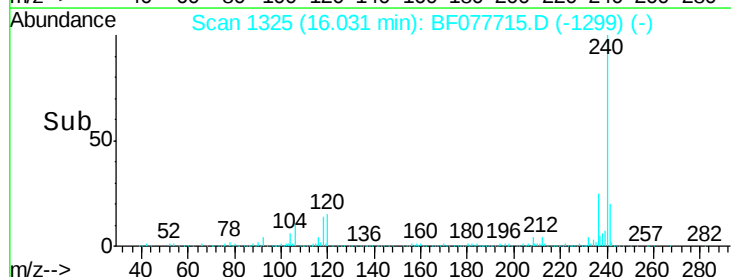
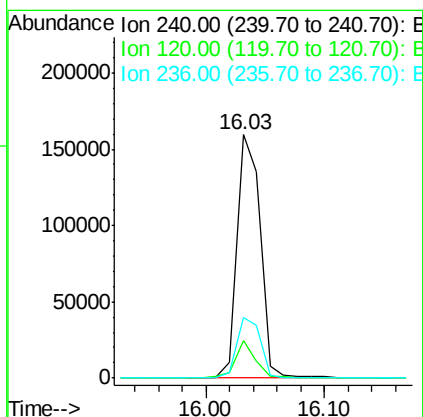
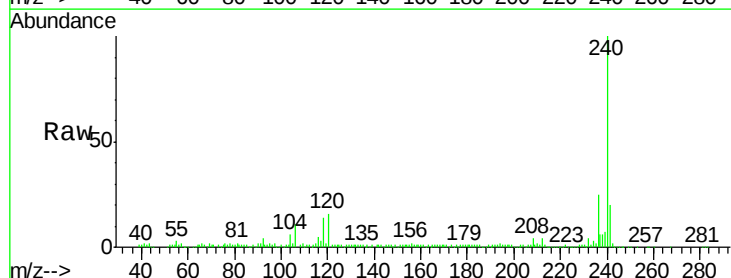
Instrument :
BNA_F
ClientSampleId :
MW-2

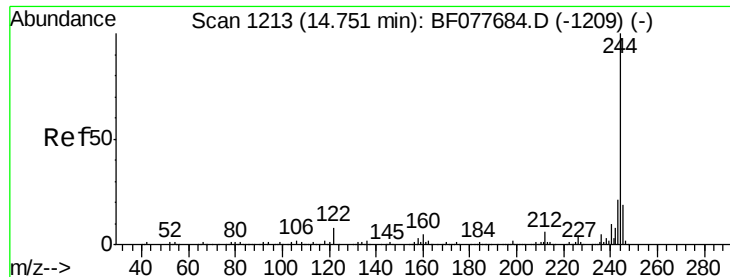
Tgt Ion:188 Resp: 215777
Ion Ratio Lower Upper
188 100
94 11.1 8.7 13.1
80 12.0 9.3 13.9



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.03 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF077715.D
Acq: 12 Mar 2015 5:34

Tgt Ion:240 Resp: 219040
Ion Ratio Lower Upper
240 100
120 15.6 8.2 12.2#
236 25.0 20.0 30.0





#78

Terphenyl-d14

Concen: 81.72 ng

RT: 14.75 min Scan# 1213

Delta R.T. 0.00 min

Lab File: BF077715.D

Acq: 12 Mar 2015 5:34

Instrument :

BNA_F

ClientSampleId :

MW-2

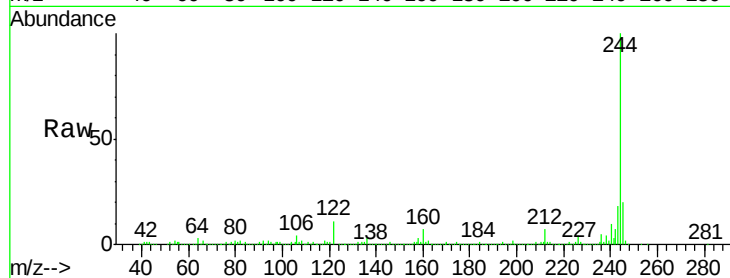
Tgt Ion:244 Resp: 732789

Ion Ratio Lower Upper

244 100

212 6.7 4.9 7.3

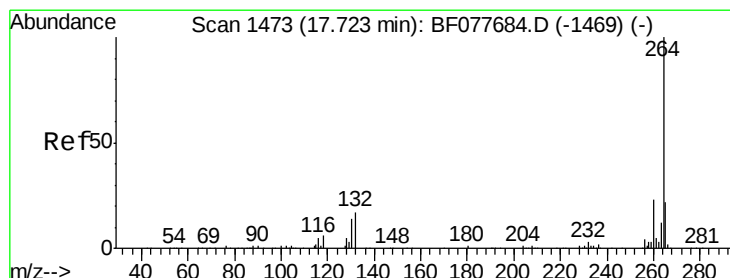
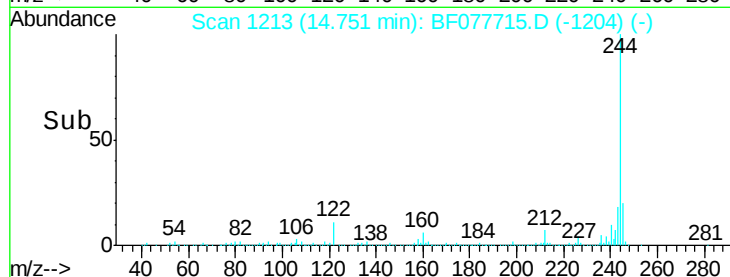
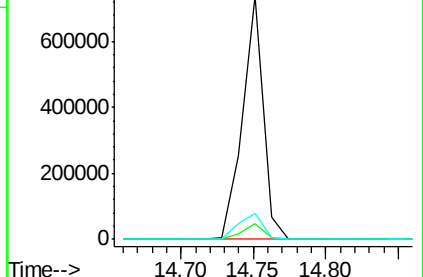
122 10.9 6.2 9.4#



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: 17.78 min Scan# 1478

Delta R.T. 0.06 min

Lab File: BF077715.D

Acq: 12 Mar 2015 5:34

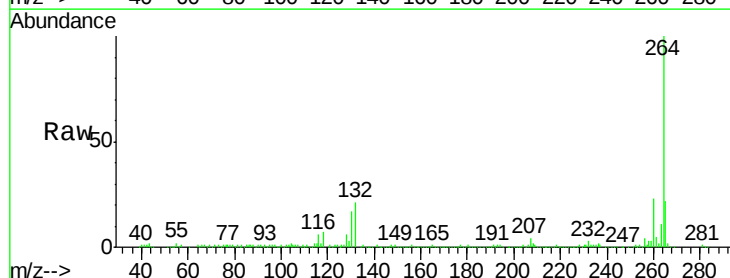
Tgt Ion:264 Resp: 222852

Ion Ratio Lower Upper

264 100

260 22.9 18.6 27.8

265 21.7 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

