

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031115\
 Data File : BF077718.D
 Acq On : 12 Mar 2015 6:59
 Operator : TP/IZ
 Sample : G1454-01RE
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-081-3615

Quant Time: Mar 12 06:34:36 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

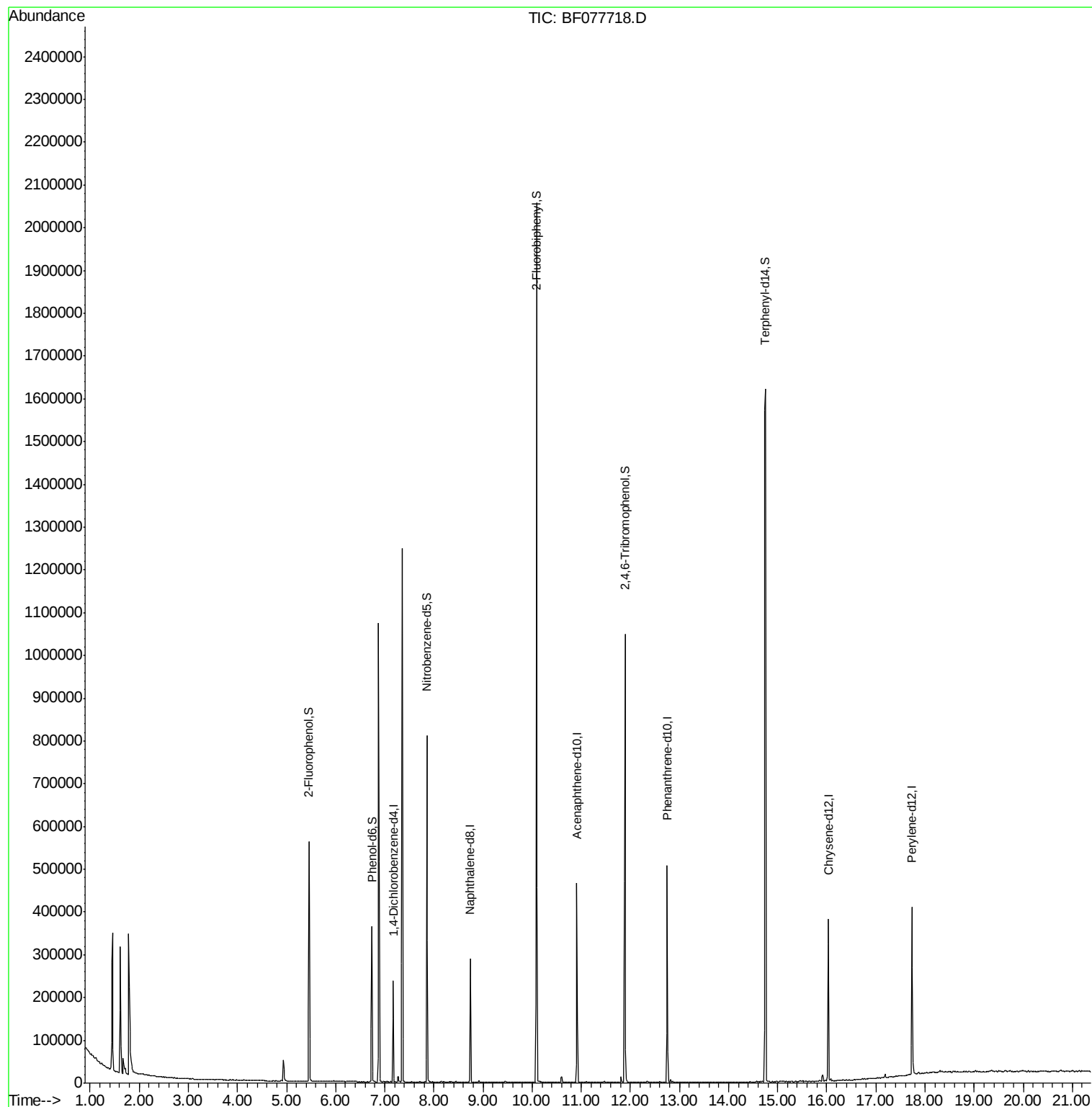
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.17	152	47248	20.00	ng	0.00
21) Naphthalene-d8	8.74	136	191855	20.00	ng	-0.01
38) Acenaphthene-d10	10.91	164	98866	20.00	ng	0.00
63) Phenanthrene-d10	12.75	188	197393	20.00	ng	0.00
75) Chrysene-d12	16.03	240	198594	20.00	ng	0.00
86) Perylene-d12	17.73	264	192165	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	178554	65.96	ng	0.00
7) Phenol-d6	6.74	99	136603	40.85	ng	0.00
23) Nitrobenzene-d5	7.86	82	285775	97.64	ng	0.00
41) 2,4,6-Tribromophenol	11.89	330	136220	144.01	ng	0.00
44) 2-Fluorobiphenyl	10.09	172	656494	97.59	ng	0.00
78) Terphenyl-d14	14.75	244	828766	101.94	ng	0.00
Target Compounds						
76) Benzidine	14.44	184	307	Below Cal	Qvalue #	68

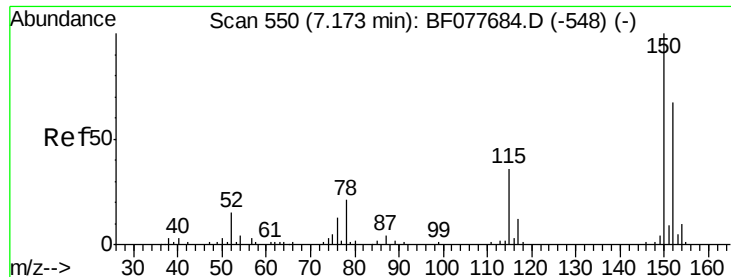
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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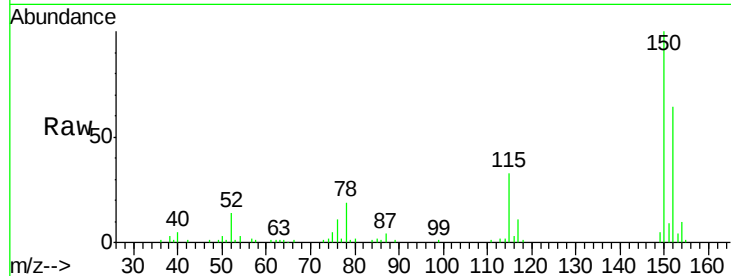


#1

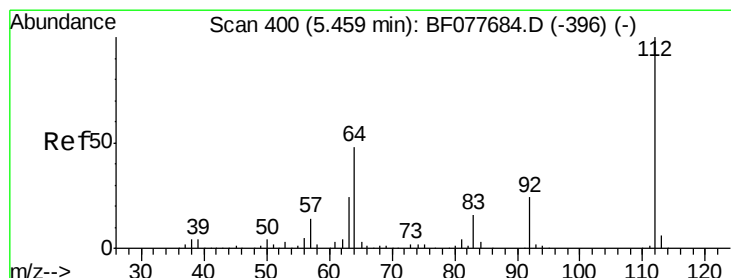
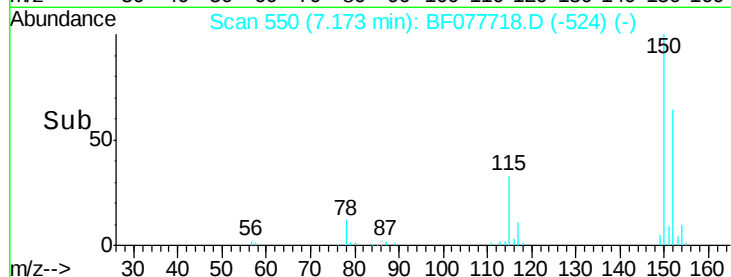
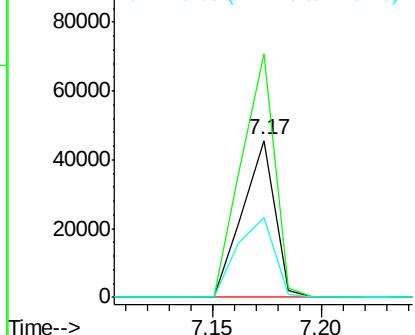
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.17 min Scan# 550
Delta R.T. 0.00 min
Lab File: BF077718.D
Acq: 12 Mar 2015 6:59

Instrument :
BNA_F
ClientSampleId :
DCW-WW-081-3615

Tgt Ion:152 Resp: 47248
Ion Ratio Lower Upper
152 100
150 155.4 119.5 179.3
115 50.8 43.0 64.4



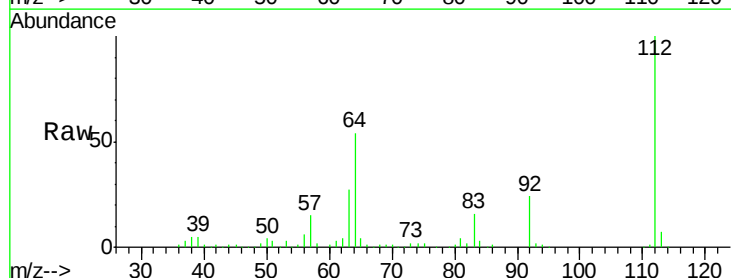
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



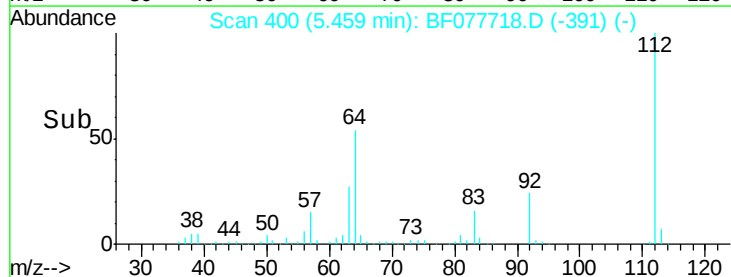
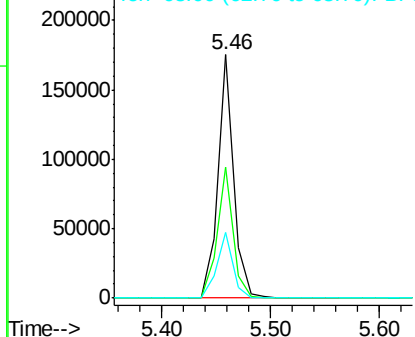
#5

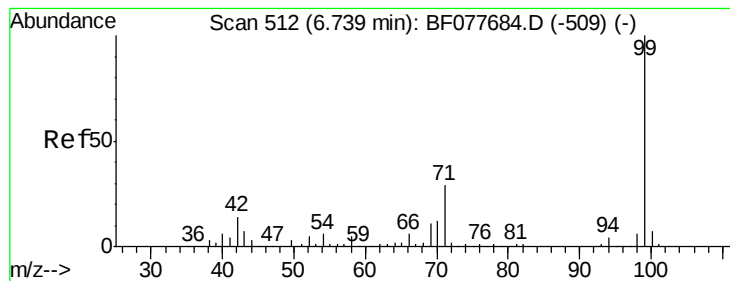
2-Fluorophenol
Concen: 65.96 ng
RT: 5.46 min Scan# 400
Delta R.T. 0.00 min
Lab File: BF077718.D
Acq: 12 Mar 2015 6:59

Tgt Ion:112 Resp: 178554
Ion Ratio Lower Upper
112 100
64 53.8 38.6 57.8
63 27.2 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: 40.85 ng

RT: 6.74 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF077718.D

Acq: 12 Mar 2015 6:59

Instrument :

BNA_F

ClientSampleId :

DCW-WW-081-3615

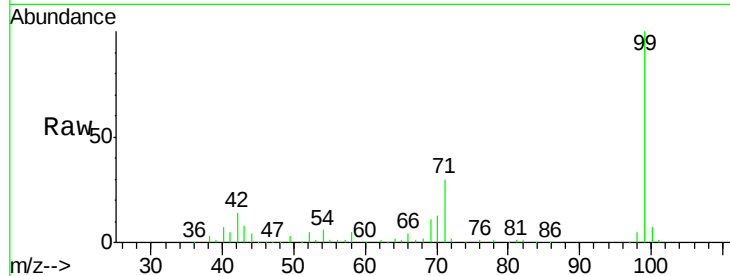
Tgt Ion: 99 Resp: 136603

Ion Ratio Lower Upper

99 100

42 14.4 11.0 16.4

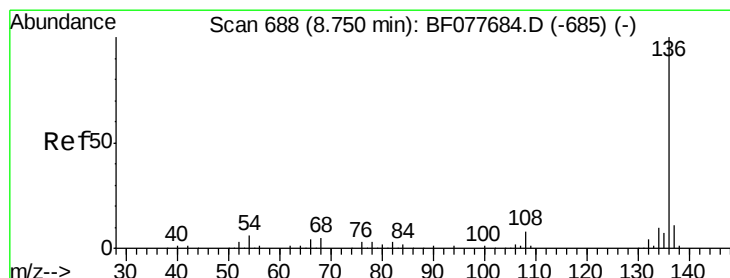
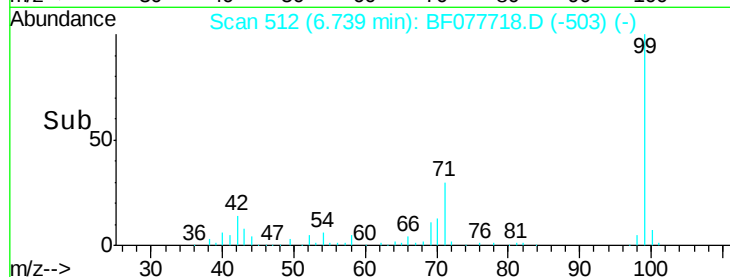
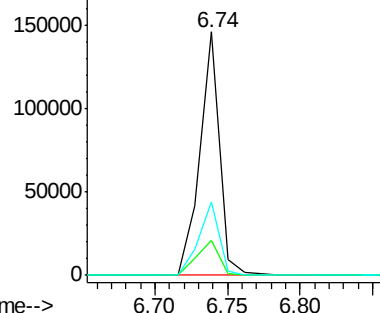
71 29.9 23.4 35.2



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: 8.74 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF077718.D

Acq: 12 Mar 2015 6:59

Tgt Ion: 136 Resp: 191855

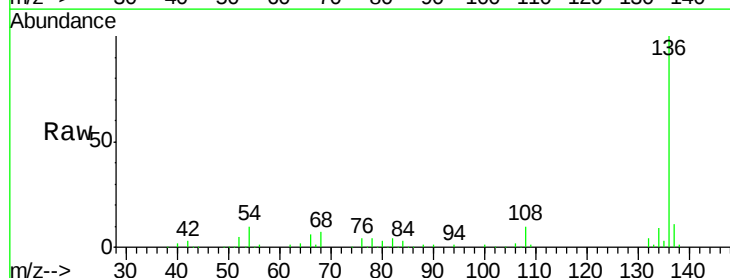
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 9.9 4.6 6.8#

68 7.3 3.7 5.5#

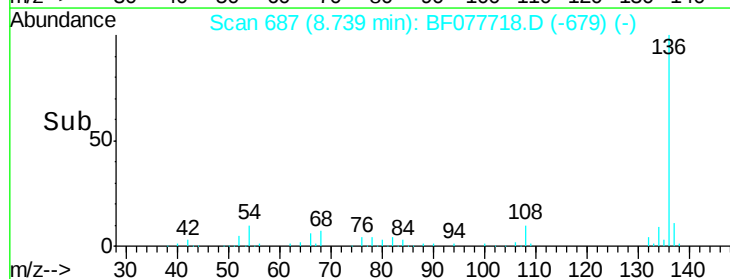
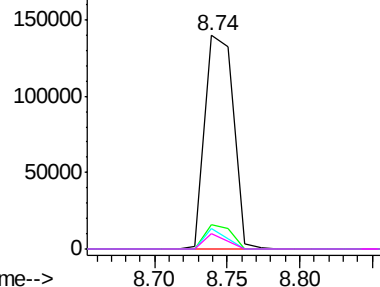


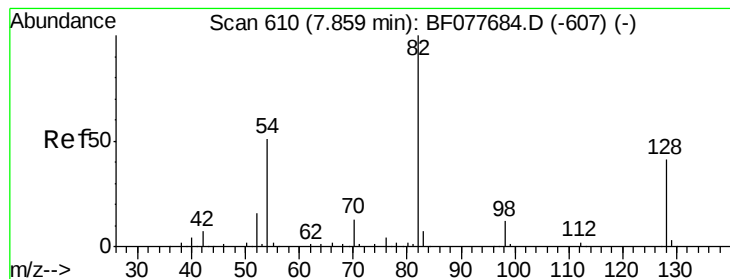
Abundance Ion 136.00 (135.70 to 136.70): E

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: 97.64 ng

RT: 7.86 min Scan# 610

Delta R.T. 0.00 min

Lab File: BF077718.D

Acq: 12 Mar 2015 6:59

Instrument :

BNA_F

ClientSampleId :

DCW-WW-081-3615

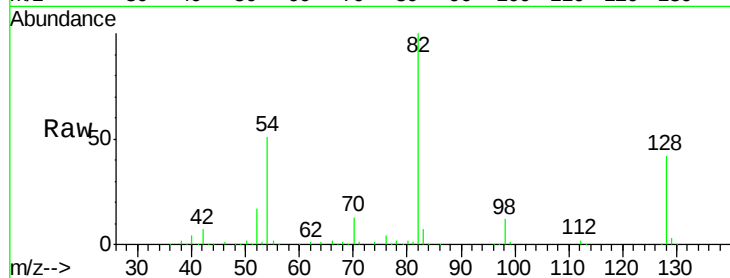
Tgt Ion: 82 Resp: 285775

Ion Ratio Lower Upper

82 100

128 42.1 32.8 49.2

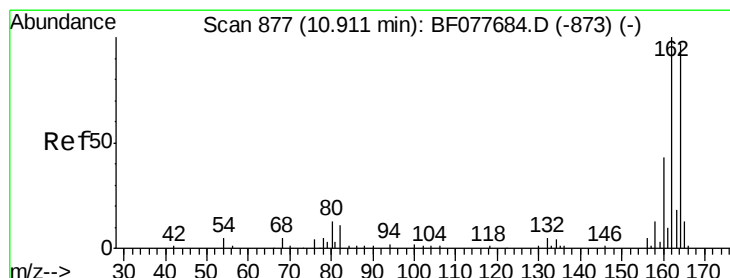
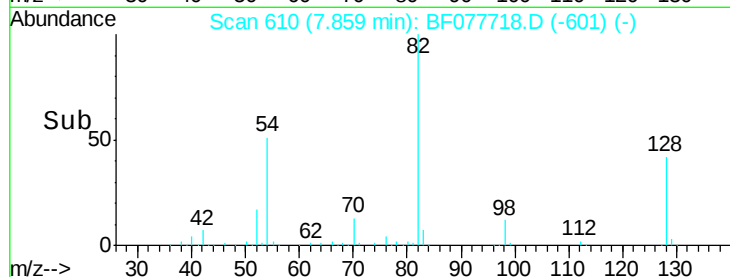
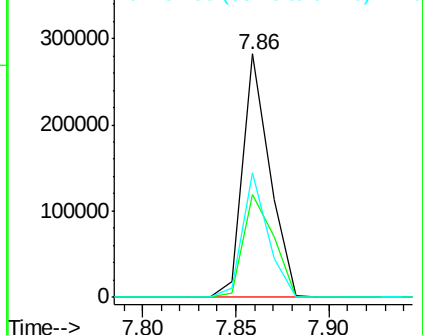
54 51.0 40.6 60.8



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: BF077718.D

Acq: 12 Mar 2015 6:59

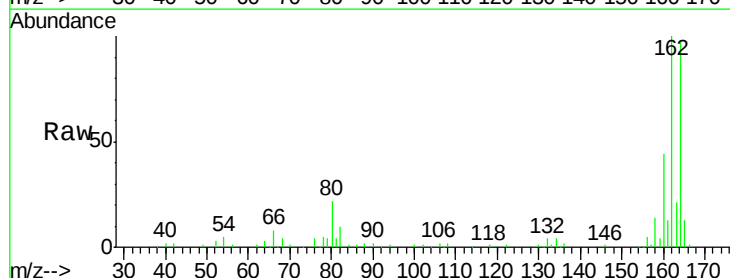
Tgt Ion: 164 Resp: 98866

Ion Ratio Lower Upper

164 100

162 102.8 82.4 123.6

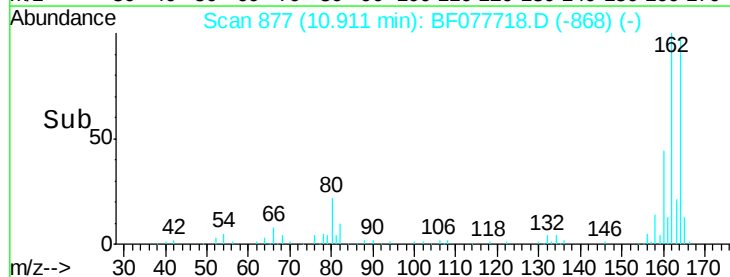
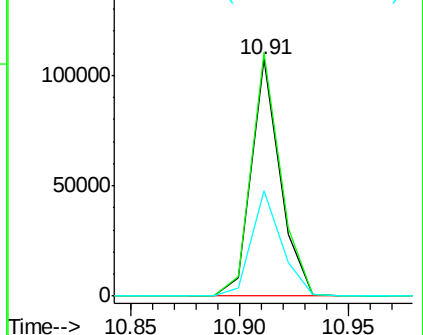
160 44.7 35.8 53.6



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

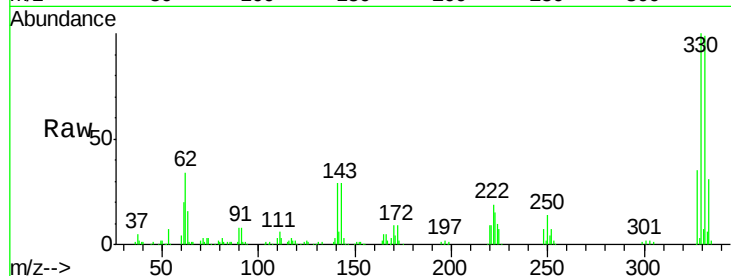




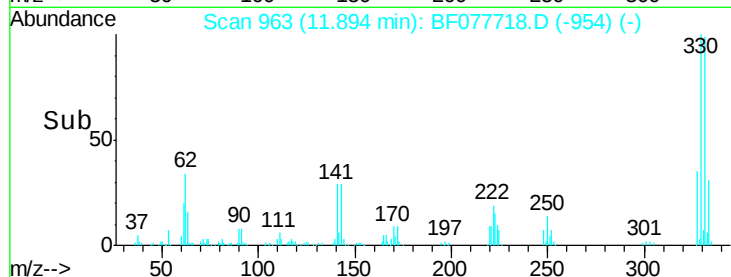
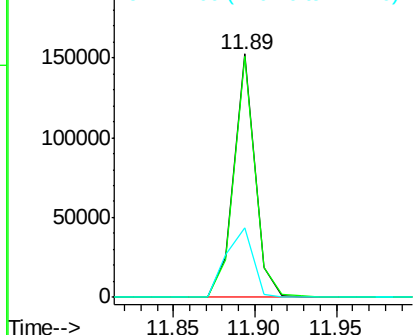
#41
 2,4,6-Tribromophenol
 Concen: 144.01 ng
 RT: 11.89 min Scan# 963
 Delta R.T. 0.00 min
 Lab File: BF077718.D
 Acq: 12 Mar 2015 6:59

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-081-3615

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.2	0.0	0.0#
141	36.6	0.0	0.0#

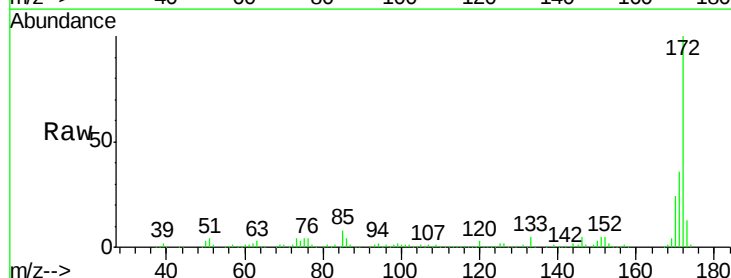


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

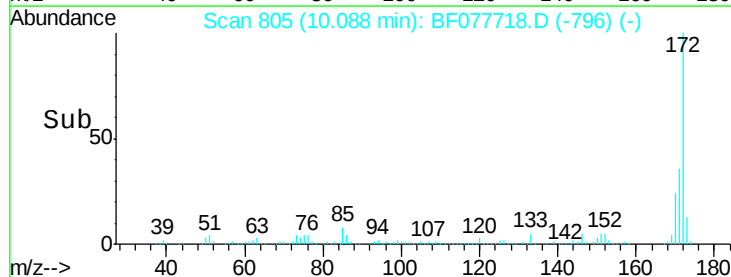
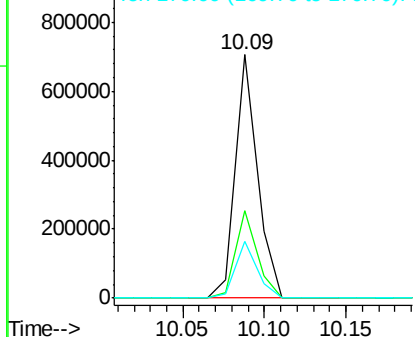


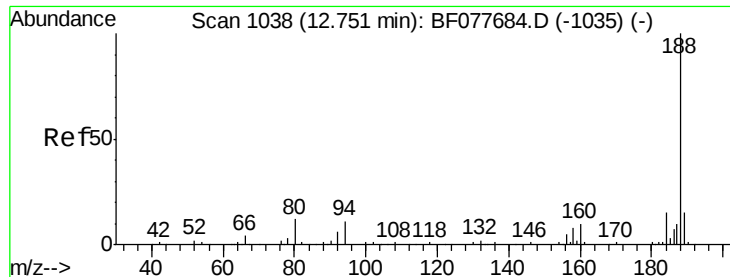
#44
 2-Fluorobiphenyl
 Concen: 97.59 ng
 RT: 10.09 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF077718.D
 Acq: 12 Mar 2015 6:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.5	42.7
170	23.5	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

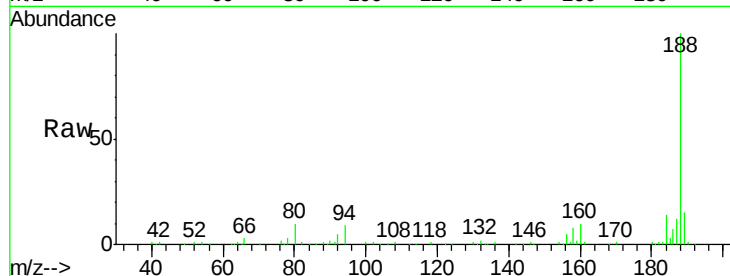




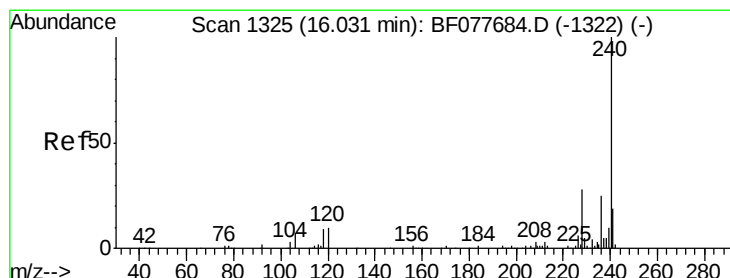
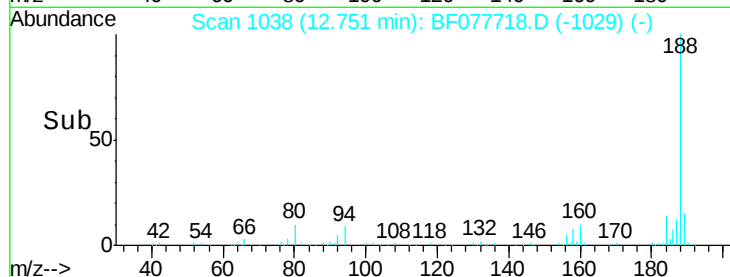
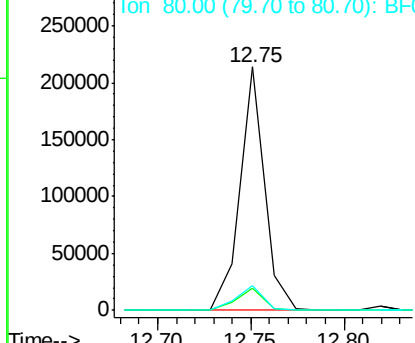
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.75 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF077718.D
Acq: 12 Mar 2015 6:59

Instrument :
BNA_F
ClientSampleId :
DCW-WW-081-3615

Tgt Ion:188 Resp: 197393
Ion Ratio Lower Upper
188 100
94 9.3 8.7 13.1
80 9.9 9.3 13.9

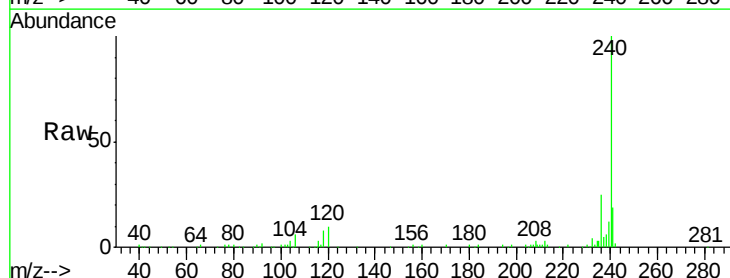


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

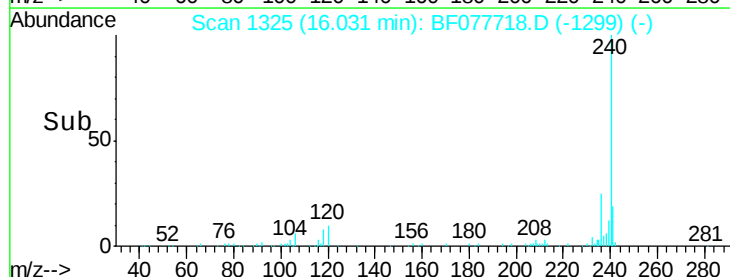
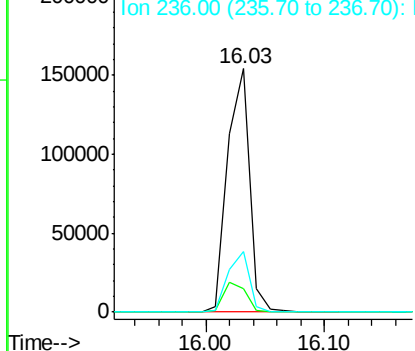


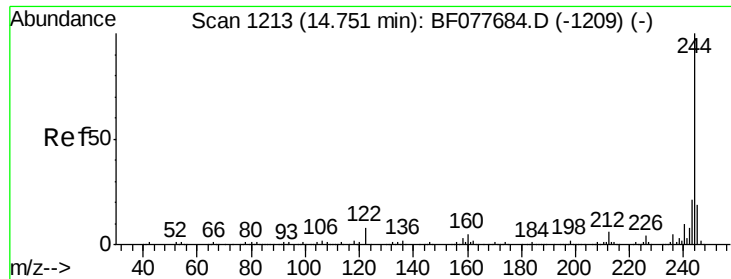
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.03 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF077718.D
Acq: 12 Mar 2015 6:59

Tgt Ion:240 Resp: 198594
Ion Ratio Lower Upper
240 100
120 9.8 8.2 12.2
236 24.6 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: 101.94 ng

RT: 14.75 min Scan# 1213

Delta R.T. 0.00 min

Lab File: BF077718.D

Acq: 12 Mar 2015 6:59

Instrument :

BNA_F

ClientSampleId :

DCW-WW-081-3615

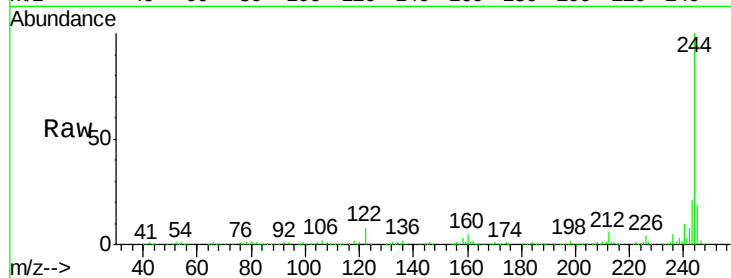
Tgt Ion:244 Resp: 828766

Ion Ratio Lower Upper

244 100

212 6.1 4.9 7.3

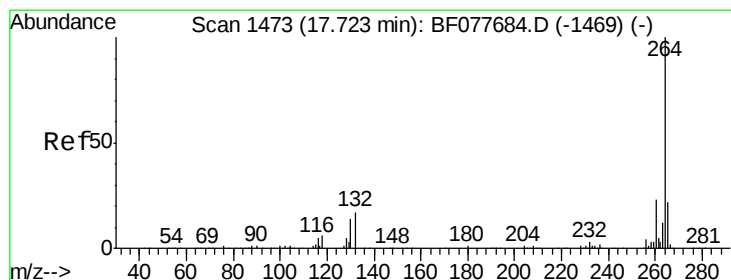
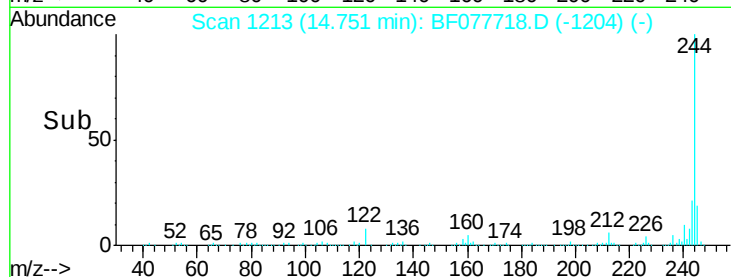
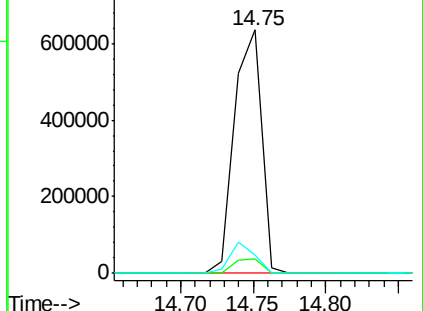
122 7.8 6.2 9.4



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: 17.73 min Scan# 1474

Delta R.T. 0.01 min

Lab File: BF077718.D

Acq: 12 Mar 2015 6:59

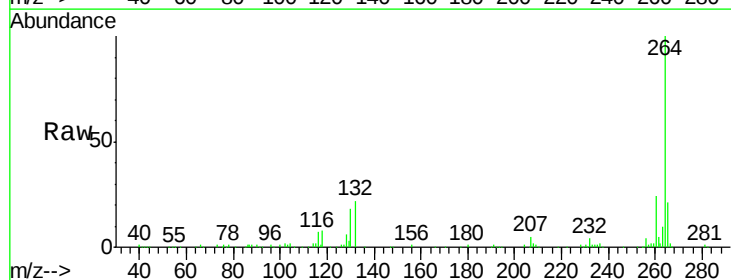
Tgt Ion:264 Resp: 192165

Ion Ratio Lower Upper

264 100

260 23.8 18.6 27.8

265 21.2 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

