

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031615\
 Data File : BF077753.D
 Acq On : 16 Mar 2015 15:22
 Operator : TP/IZ
 Sample : PB82120BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82120BL

Quant Time: Mar 17 01:03:33 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 17 00:51:27 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.17	152	54066	20.00	ng	0.00
21) Naphthalene-d8	8.75	136	212408	20.00	ng	0.00
38) Acenaphthene-d10	10.91	164	108726	20.00	ng	0.00
63) Phenanthrene-d10	12.75	188	225914	20.00	ng	0.00
75) Chrysene-d12	16.03	240	217059	20.00	ng	0.00
86) Perylene-d12	17.77	264	213186	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	340774	110.02	ng	0.00
7) Phenol-d6	6.74	99	432056	112.90	ng	0.00
23) Nitrobenzene-d5	7.86	82	232287	71.69	ng	-0.01
41) 2,4,6-Tribromophenol	11.89	330	99309	95.46	ng	0.00
44) 2-Fluorobiphenyl	10.09	172	521834	70.53	ng	0.00
78) Terphenyl-d14	14.75	244	651243	73.29	ng	0.00

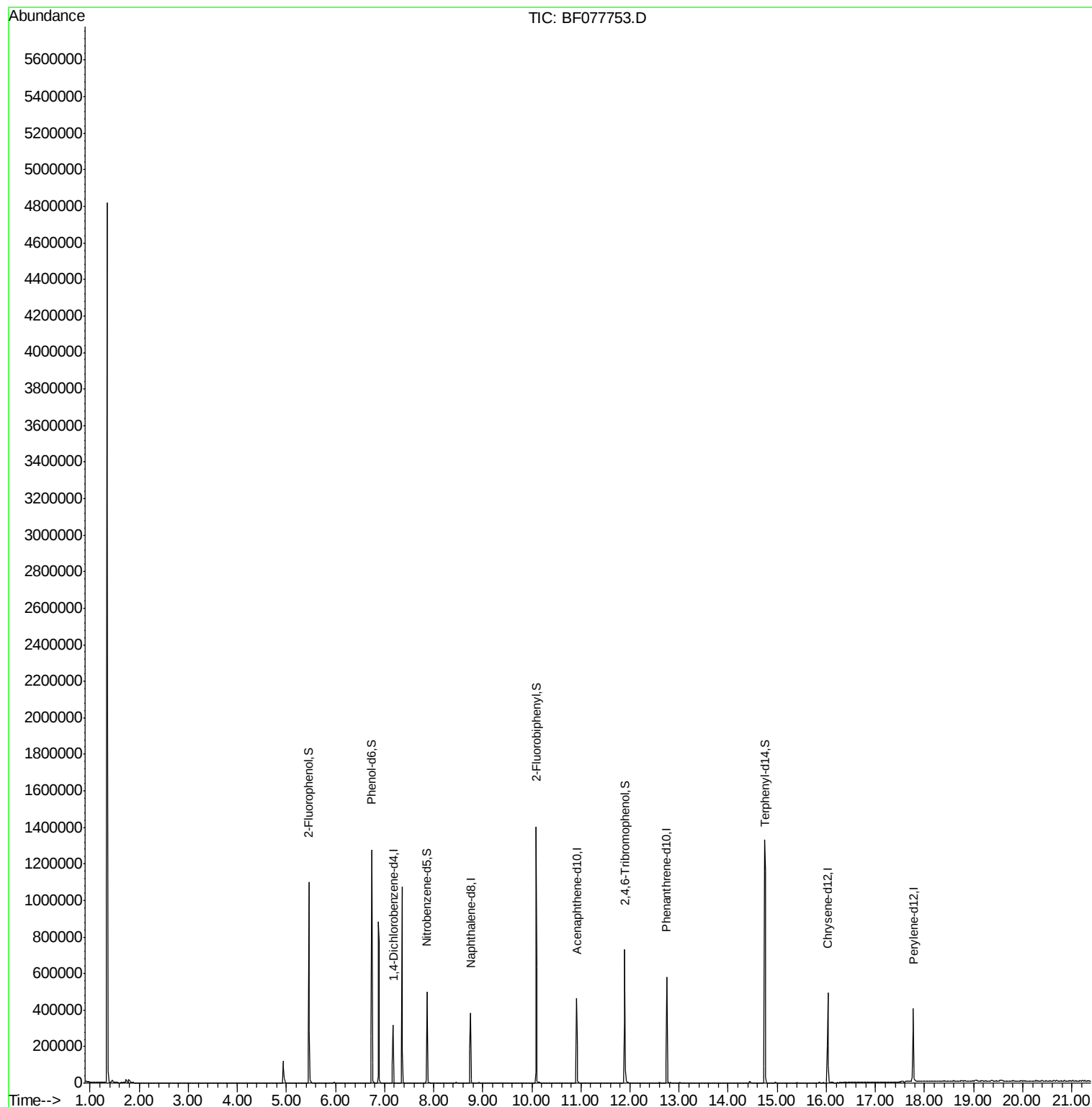
Target Compounds	Qvalue
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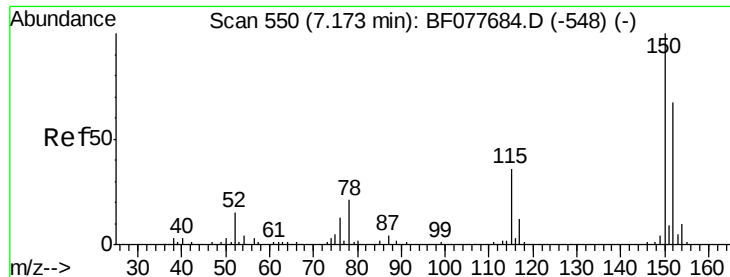
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Mar 17 00:51:27 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: BF077753.D

Acq: 16 Mar 2015 15:22

Instrument :

BNA_F

ClientSampleId :

PB82120BL

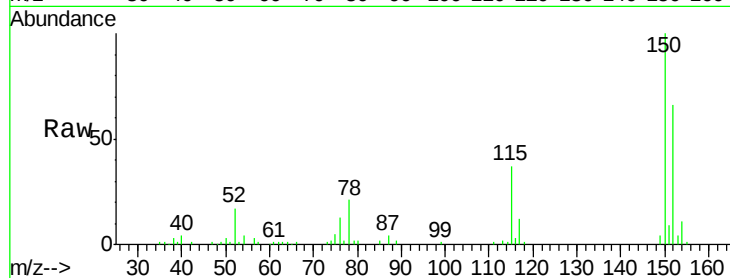
Tgt Ion:152 Resp: 54066

Ion Ratio Lower Upper

152 100

150 150.9 119.5 179.3

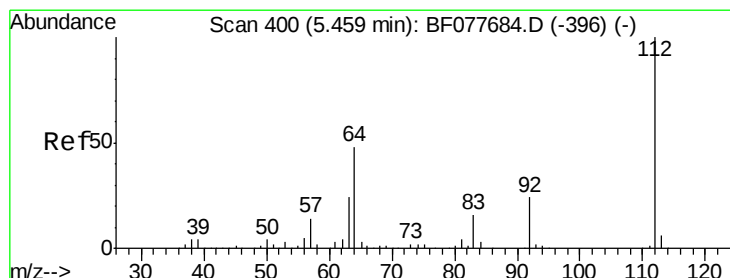
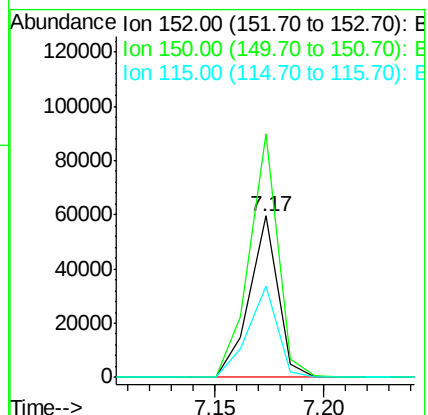
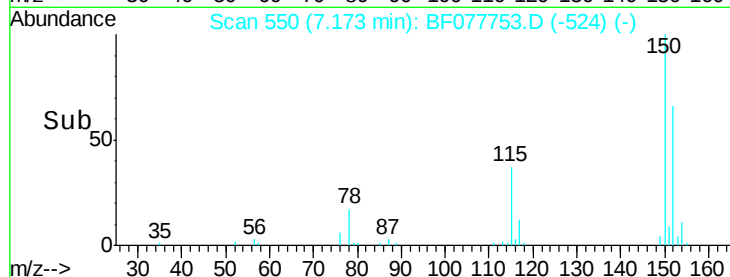
115 56.4 43.0 64.4



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: 110.02 ng

RT: 5.46 min Scan# 400

Delta R.T. -0.00 min

Lab File: BF077753.D

Acq: 16 Mar 2015 15:22

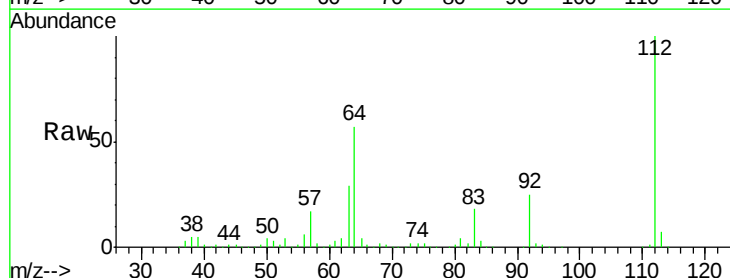
Tgt Ion:112 Resp: 340774

Ion Ratio Lower Upper

112 100

64 56.7 38.6 57.8

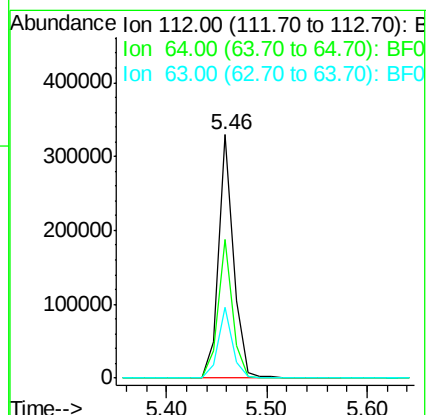
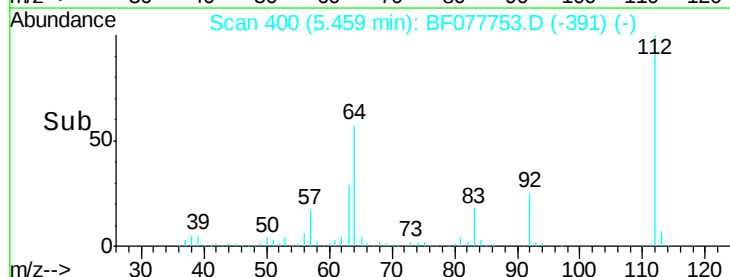
63 28.9 19.3 28.9



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: 112.90 ng

RT: 6.74 min Scan# 512

Delta R.T. -0.00 min

Lab File: BF077753.D

Acq: 16 Mar 2015 15:22

Instrument :

BNA_F

ClientSampleId :

PB82120BL

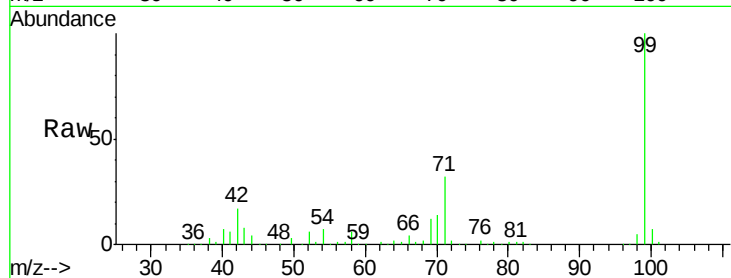
Tgt Ion: 99 Resp: 432056

Ion Ratio Lower Upper

99 100

42 16.7 11.0 16.4#

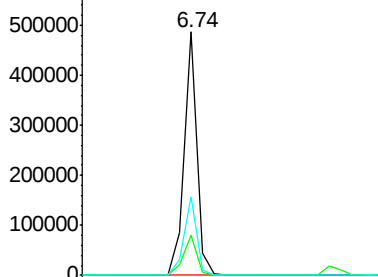
71 32.1 23.4 35.2



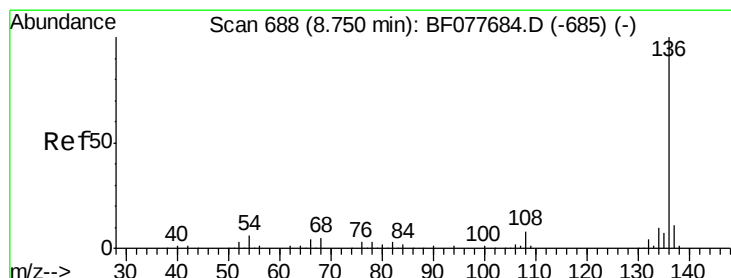
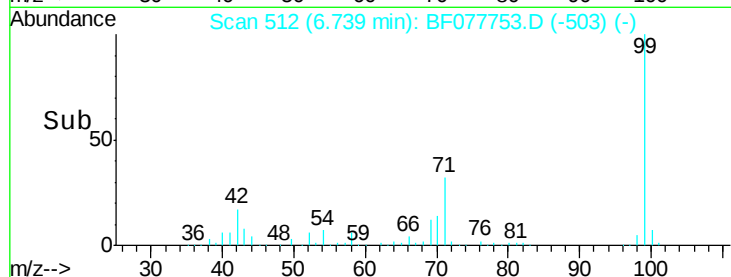
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.75 min Scan# 688

Delta R.T. -0.00 min

Lab File: BF077753.D

Acq: 16 Mar 2015 15:22

Tgt Ion: 136 Resp: 212408

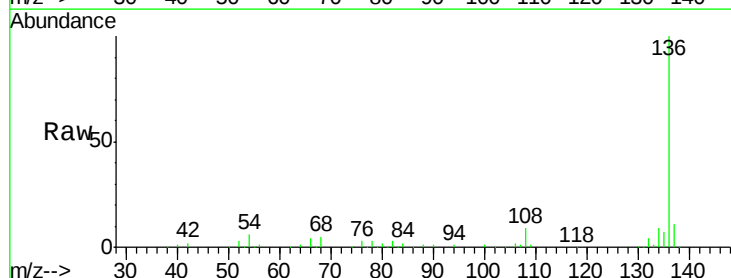
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 5.7 4.6 6.8

68 4.5 3.7 5.5

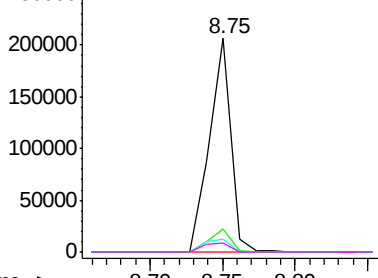


Abundance Ion 136.00 (135.70 to 136.70): E

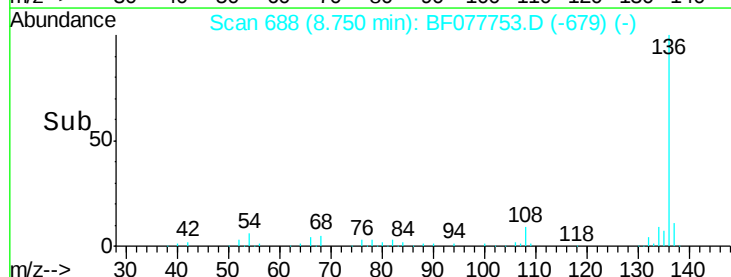
Ion 137.00 (136.70 to 137.70): E

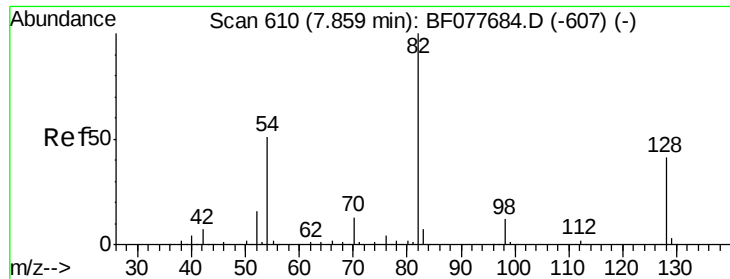
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->

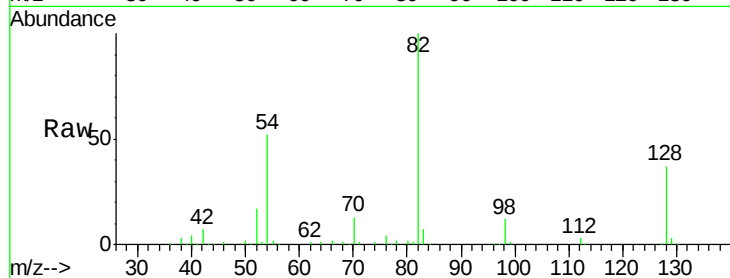




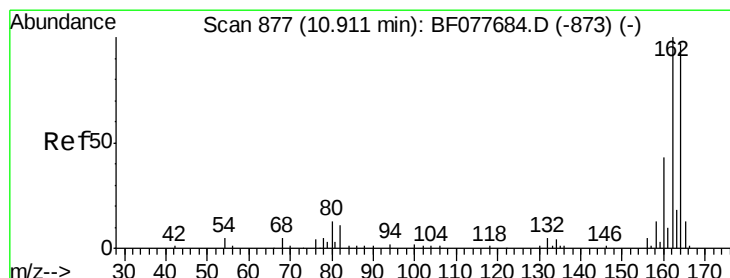
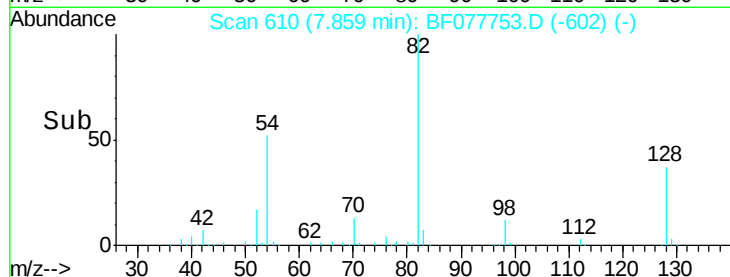
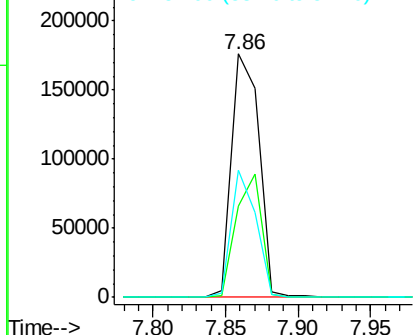
#23
 Nitrobenzene-d5
 Concen: 71.69 ng
 RT: 7.86 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: BF077753.D
 Acq: 16 Mar 2015 15:22

Instrument :
 BNA_F
 ClientSampleId :
 PB82120BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.5	32.8	49.2
54	52.2	40.6	60.8

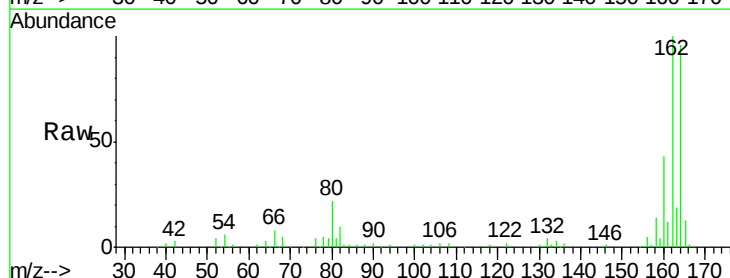


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

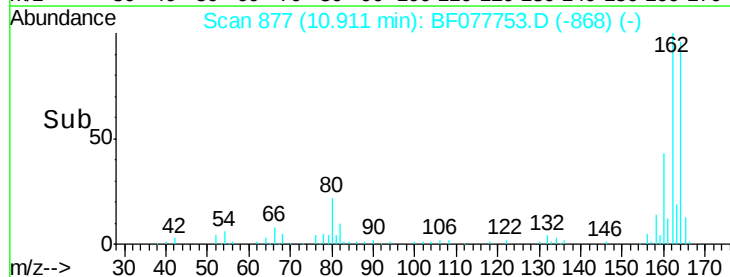
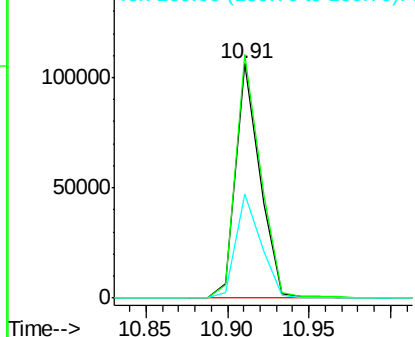


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.91 min Scan# 877
 Delta R.T. -0.00 min
 Lab File: BF077753.D
 Acq: 16 Mar 2015 15:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	82.4	123.6
160	44.3	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

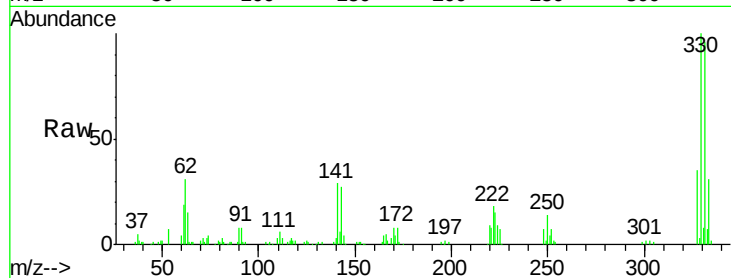




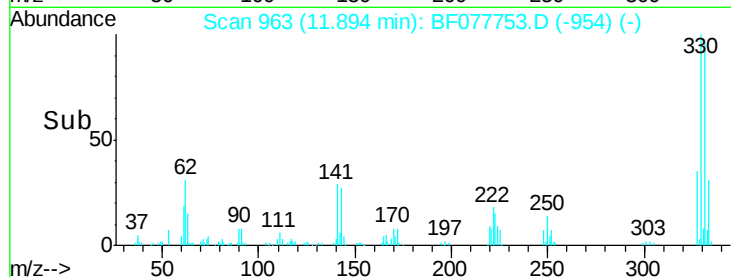
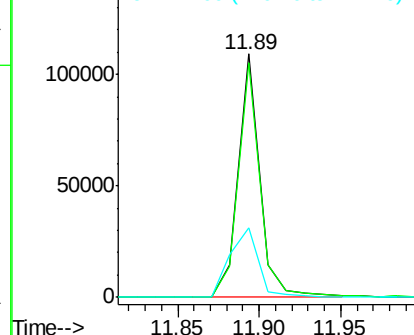
#41
 2,4,6-Tribromophenol
 Concen: 95.46 ng
 RT: 11.89 min Scan# 963
 Delta R.T. -0.00 min
 Lab File: BF077753.D
 Acq: 16 Mar 2015 15:22

Instrument :
 BNA_F
 ClientSampleID :
 PB82120BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.2	0.0	0.0#
141	38.4	0.0	0.0#

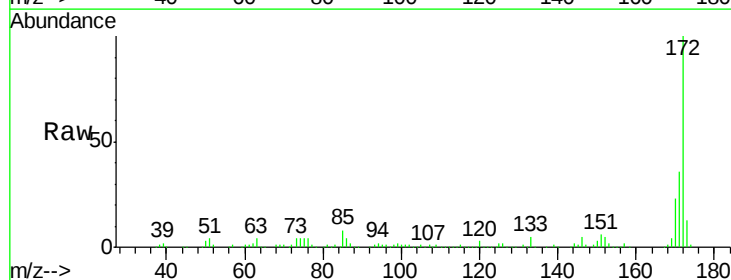


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

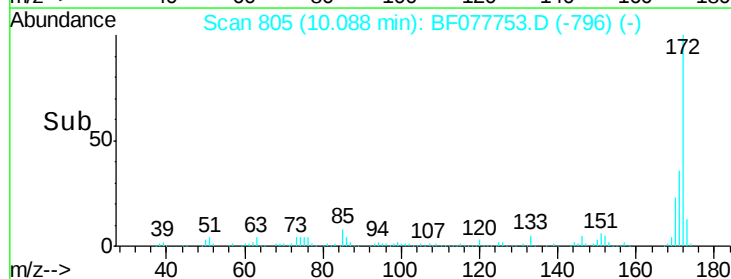
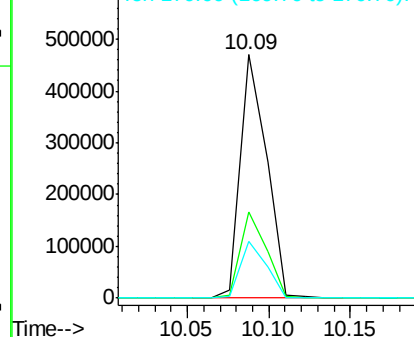


#44
 2-Fluorobiphenyl
 Concen: 70.53 ng
 RT: 10.09 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF077753.D
 Acq: 16 Mar 2015 15:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.5	42.7
170	23.1	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

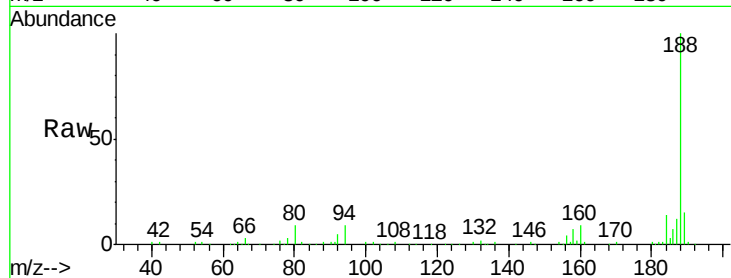




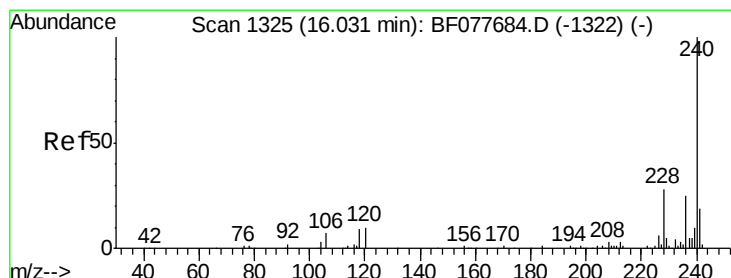
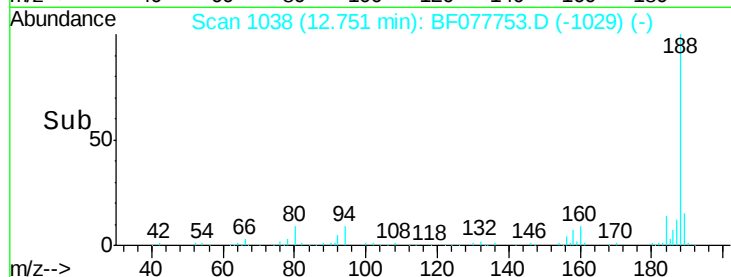
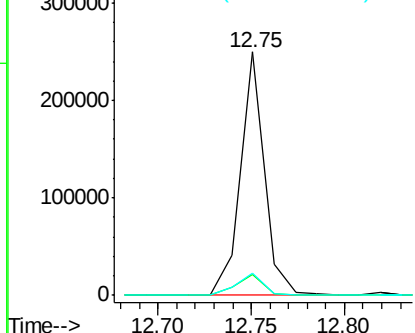
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.75 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BF077753.D
 Acq: 16 Mar 2015 15:22

Instrument :
 BNA_F
 ClientSampleId :
 PB82120BL

Tgt Ion:188 Resp: 225914
 Ion Ratio Lower Upper
 188 100
 94 8.7 8.7 13.1#
 80 9.0 9.3 13.9#

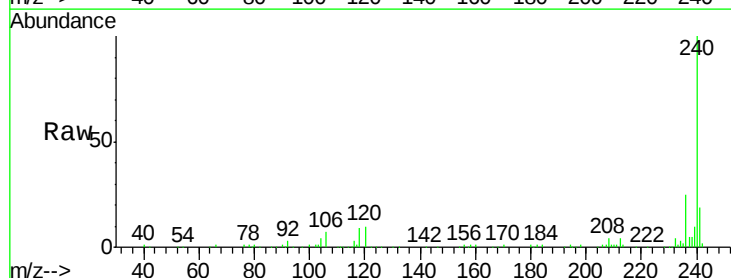


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

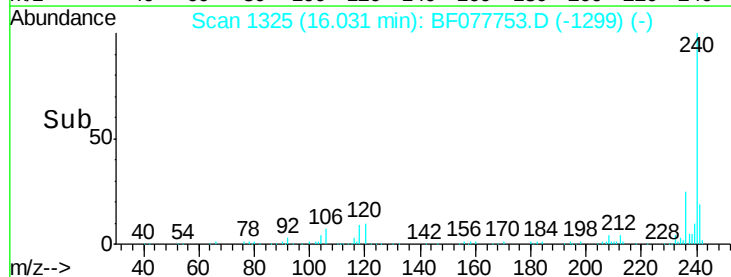
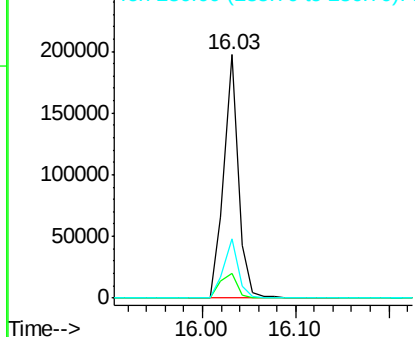


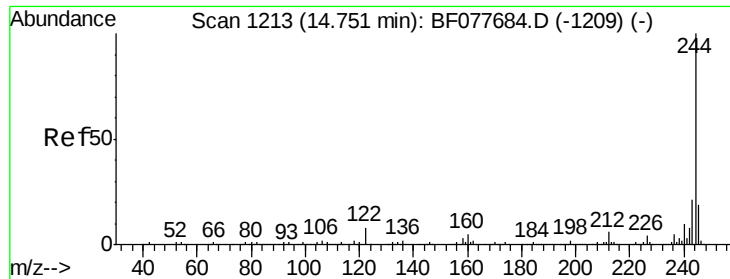
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.03 min Scan# 1325
 Delta R.T. -0.00 min
 Lab File: BF077753.D
 Acq: 16 Mar 2015 15:22

Tgt Ion:240 Resp: 217059
 Ion Ratio Lower Upper
 240 100
 120 10.2 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: 73.29 ng

RT: 14.75 min Scan# 1213

Delta R.T. -0.00 min

Lab File: BF077753.D

Acq: 16 Mar 2015 15:22

Instrument :

BNA_F

ClientSampleId :

PB82120BL

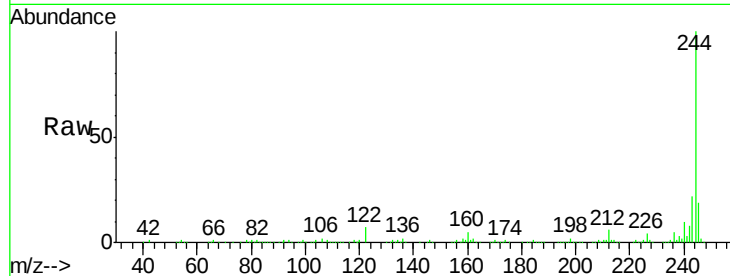
Tgt Ion:244 Resp: 651243

Ion Ratio Lower Upper

244 100

212 6.1 4.9 7.3

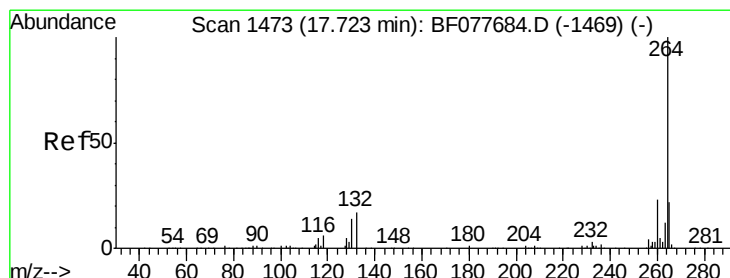
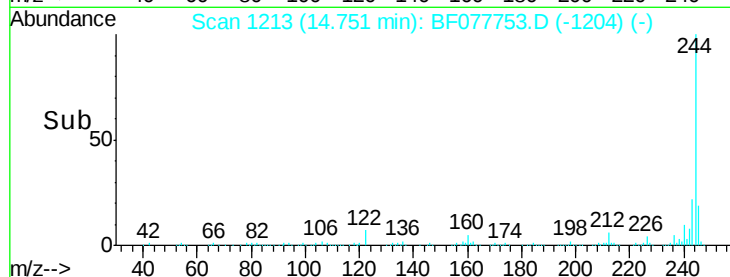
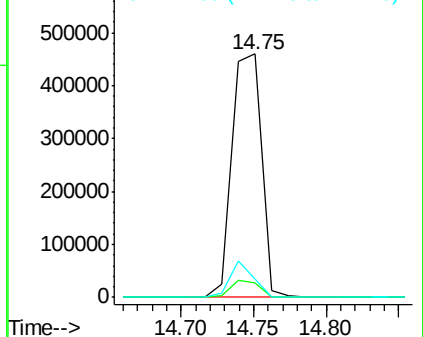
122 7.3 6.2 9.4



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: 17.77 min Scan# 1477

Delta R.T. 0.01 min

Lab File: BF077753.D

Acq: 16 Mar 2015 15:22

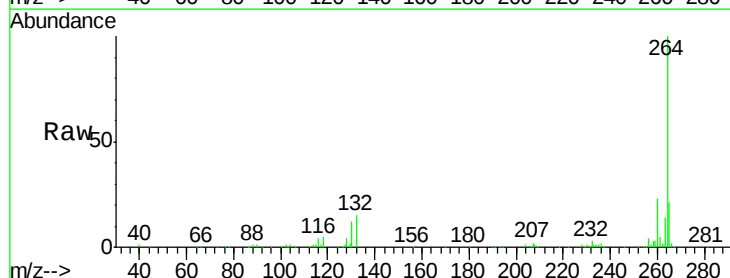
Tgt Ion:264 Resp: 213186

Ion Ratio Lower Upper

264 100

260 23.3 18.6 27.8

265 21.4 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

