

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031315\
 Data File : BF077737.D
 Acq On : 13 Mar 2015 13:59
 Operator : TP/IZ
 Sample : PB82103BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82103BL

Quant Time: Mar 13 23:57:28 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 13 14:04:45 2015
 Response via : Initial Calibration

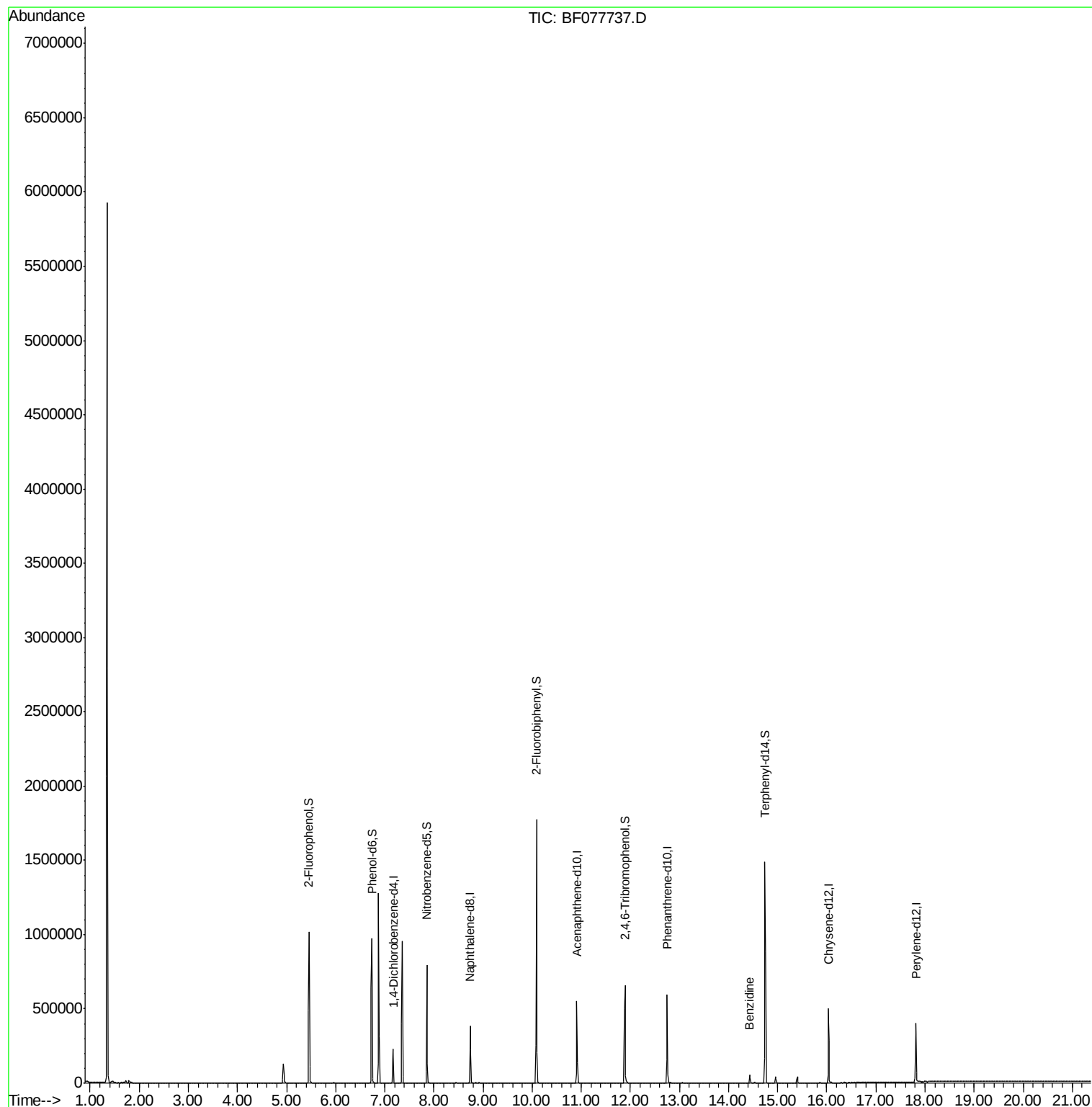
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.17	152	52749	20.00	ng	0.00
21) Naphthalene-d8	8.74	136	221512	20.00	ng	-0.01
38) Acenaphthene-d10	10.91	164	115059	20.00	ng	0.00
63) Phenanthrene-d10	12.75	188	232042	20.00	ng	0.00
75) Chrysene-d12	16.03	240	231415	20.00	ng	0.00
86) Perylene-d12	17.81	264	217837	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	345657	114.38	ng	0.00
7) Phenol-d6	6.74	99	444908	119.16	ng	0.00
23) Nitrobenzene-d5	7.86	82	244936	72.48	ng	0.00
41) 2,4,6-Tribromophenol	11.89	330	105765	96.07	ng	0.00
44) 2-Fluorobiphenyl	10.09	172	552221	70.53	ng	0.00
78) Terphenyl-d14	14.74	244	634951	67.02	ng	0.00
Target Compounds						
76) Benzidine	14.43	184	35420	5.77	ng	Qvalue 99

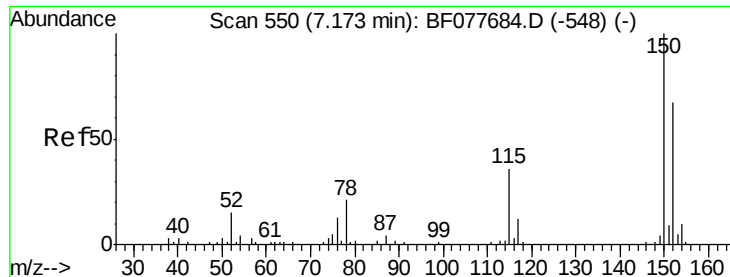
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF077737.D

Acq: 13 Mar 2015 13:59

Instrument :

BNA_F

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PB82103BL

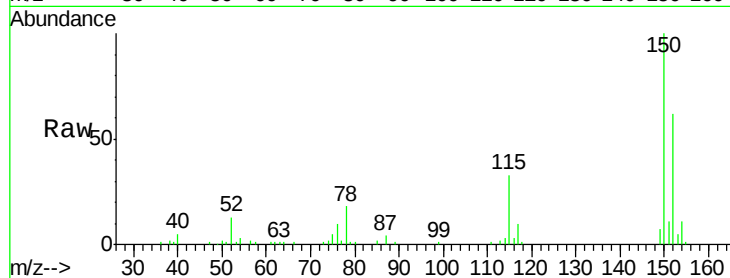
Tgt Ion:152 Resp: 52749

Ion Ratio Lower Upper

152 100

150 160.5 119.5 179.3

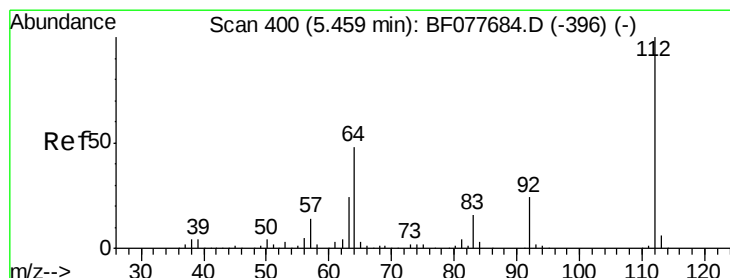
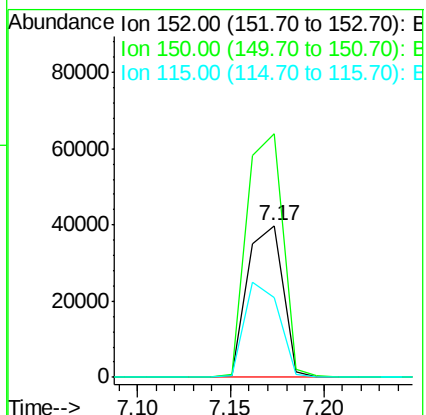
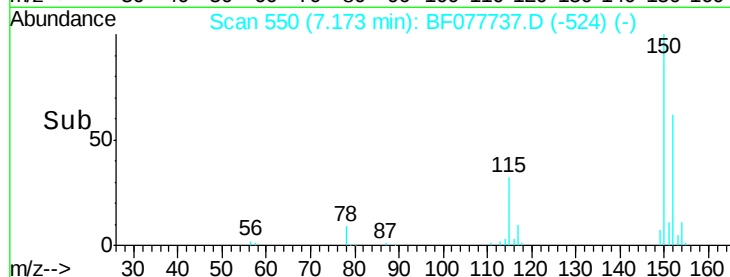
115 52.9 43.0 64.4



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: 114.38 ng

RT: 5.46 min Scan# 400

Delta R.T. 0.00 min

Lab File: BF077737.D

Acq: 13 Mar 2015 13:59

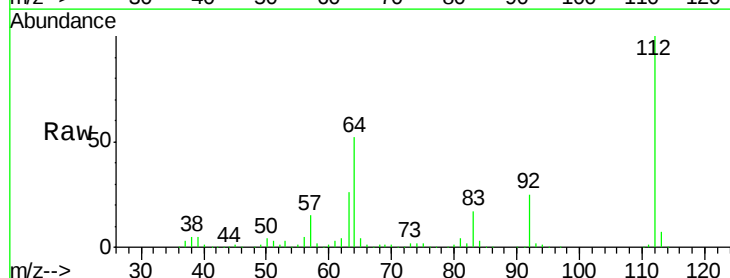
Tgt Ion:112 Resp: 345657

Ion Ratio Lower Upper

112 100

64 52.5 38.6 57.8

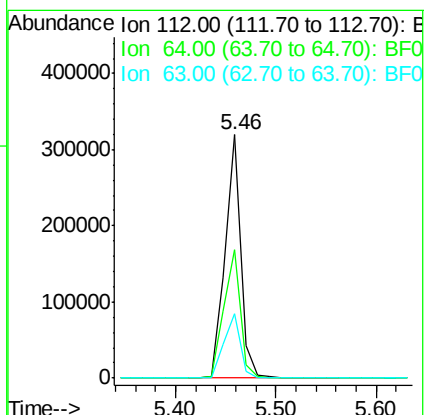
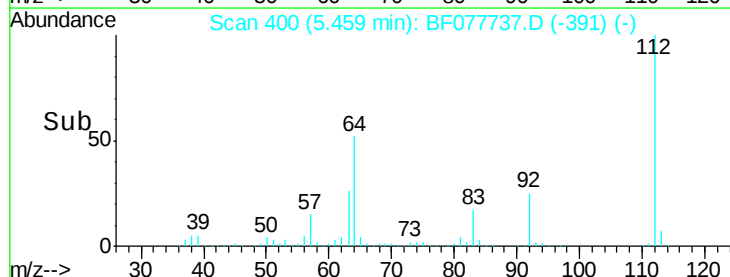
63 26.4 19.3 28.9

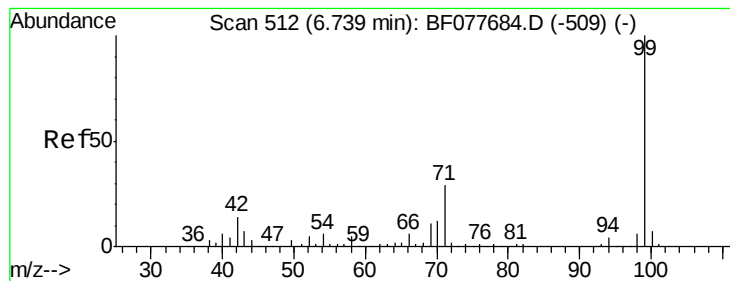


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 119.16 ng

RT: 6.74 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF077737.D

Acq: 13 Mar 2015 13:59

Instrument :

BNA_F

ClientSampleId :

PB82103BL

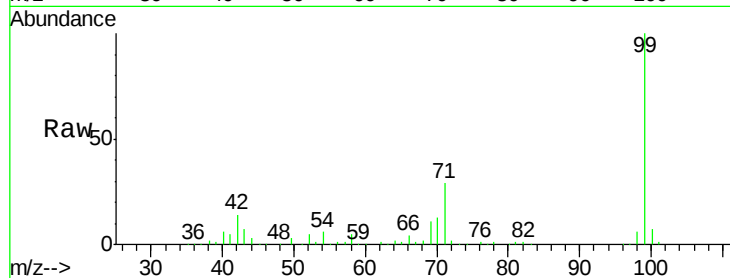
Tgt Ion: 99 Resp: 444908

Ion Ratio Lower Upper

99 100

42 13.6 11.0 16.4

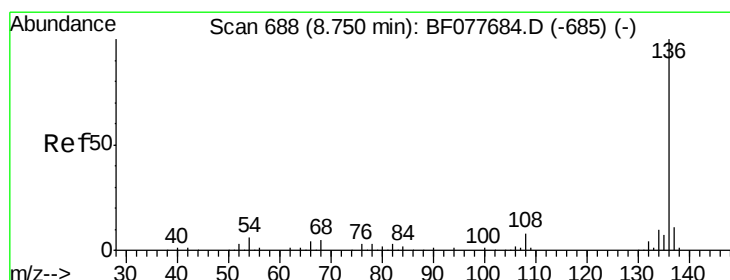
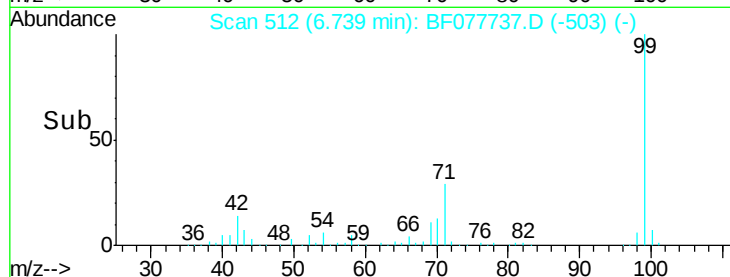
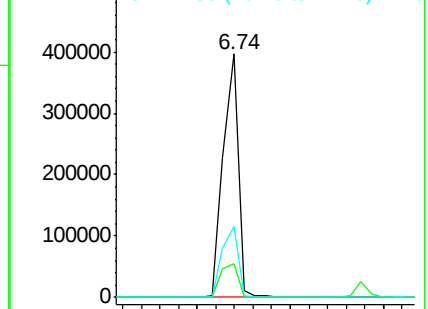
71 29.1 23.4 35.2



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.74 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF077737.D

Acq: 13 Mar 2015 13:59

Tgt Ion: 136 Resp: 221512

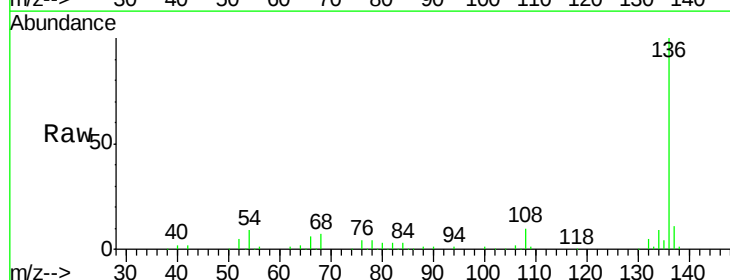
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 8.8 4.6 6.8#

68 6.6 3.7 5.5#

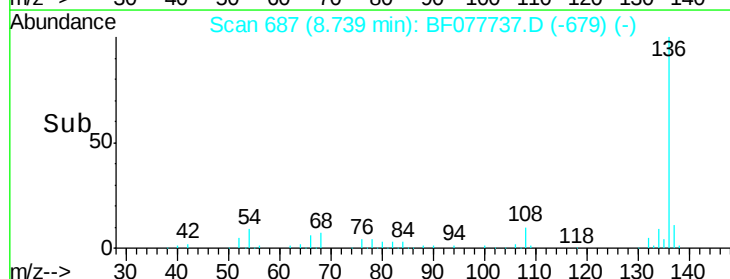
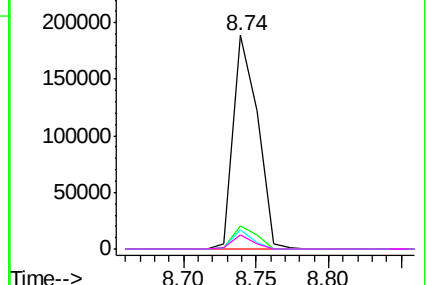


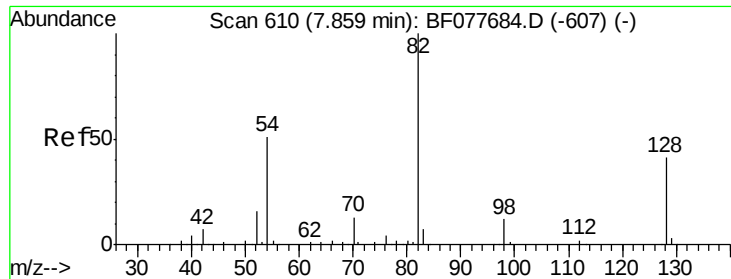
Abundance Ion 136.00 (135.70 to 136.70): E

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

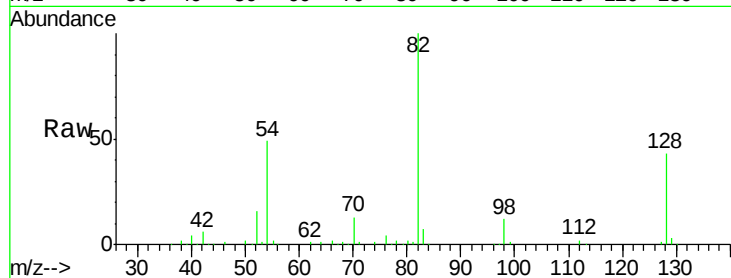




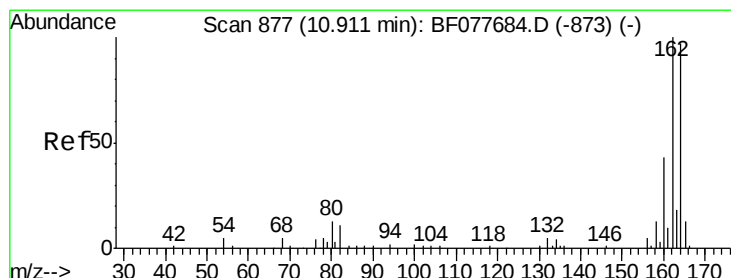
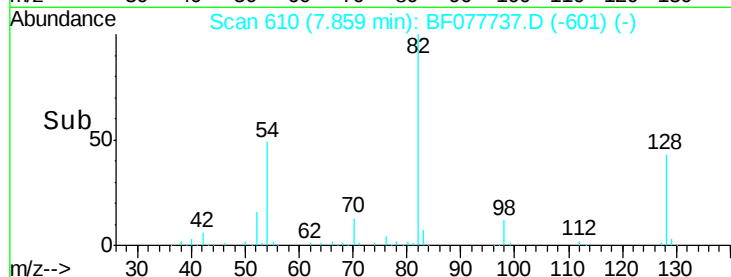
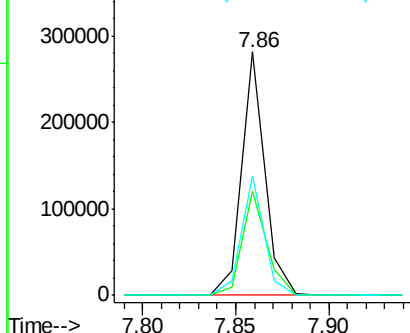
#23
 Nitrobenzene-d5
 Concen: 72.48 ng
 RT: 7.86 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF077737.D
 Acq: 13 Mar 2015 13:59

Instrument :
 BNA_F
 ClientSampleId :
 PB82103BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.9	32.8	49.2
54	48.9	40.6	60.8

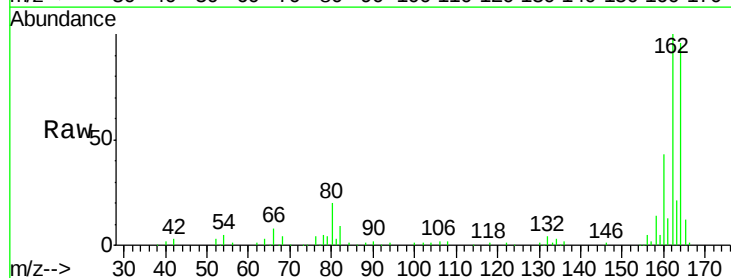


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

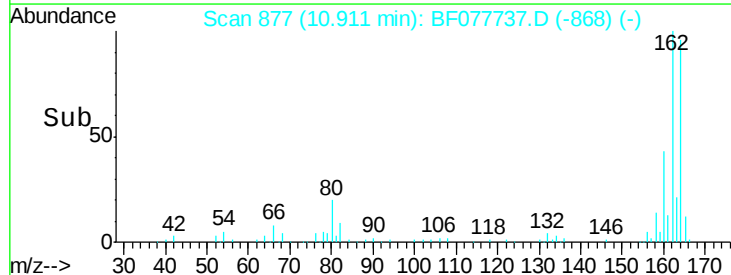
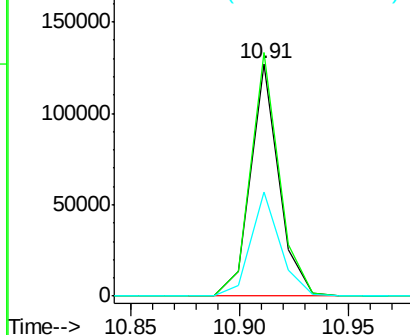


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.91 min Scan# 877
 Delta R.T. 0.00 min
 Lab File: BF077737.D
 Acq: 13 Mar 2015 13:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.7	82.4	123.6
160	45.0	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

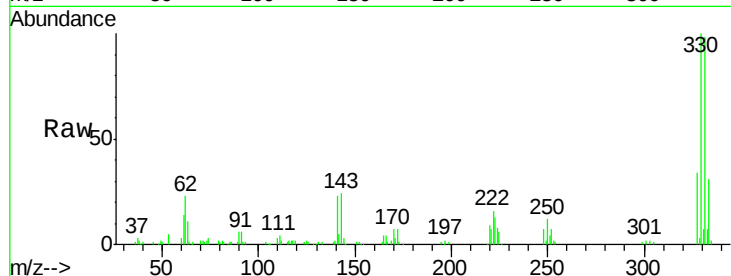




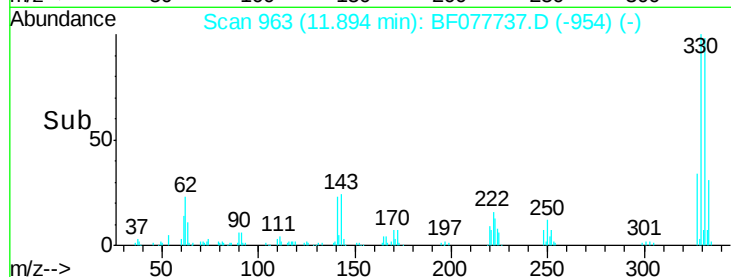
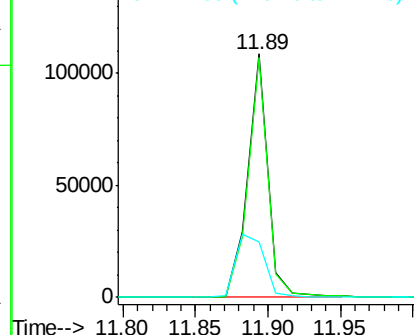
#41
 2,4,6-Tribromophenol
 Concen: 96.07 ng
 RT: 11.89 min Scan# 963
 Delta R.T. 0.00 min
 Lab File: BF077737.D
 Acq: 13 Mar 2015 13:59

Instrument :
 BNA_F
 ClientSampleId :
 PB82103BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	0.0	0.0#
141	37.0	0.0	0.0#

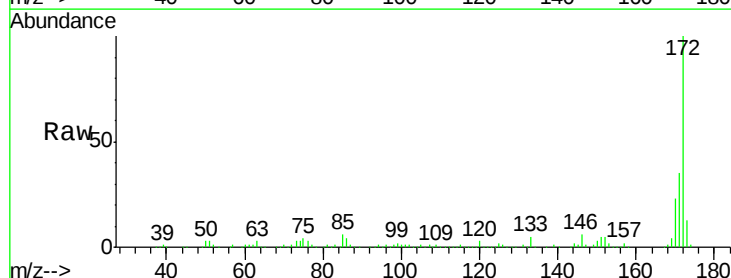


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

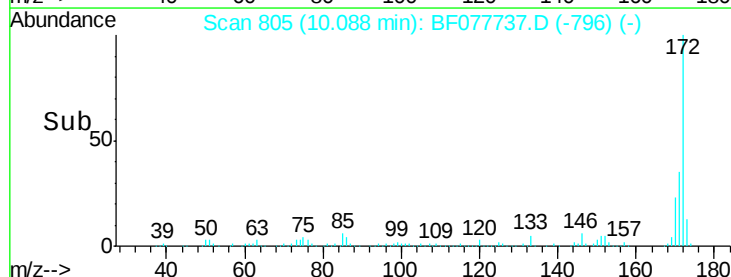
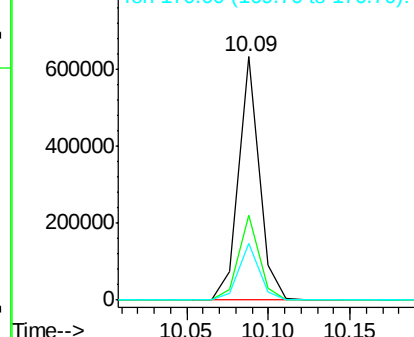


#44
 2-Fluorobiphenyl
 Concen: 70.53 ng
 RT: 10.09 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF077737.D
 Acq: 13 Mar 2015 13:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.5	42.7
170	23.2	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

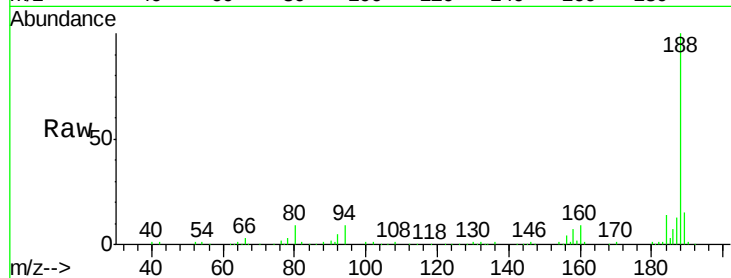




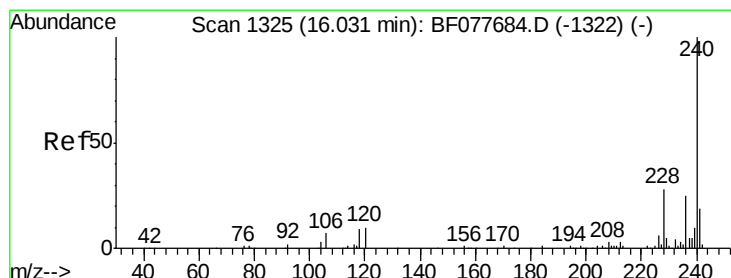
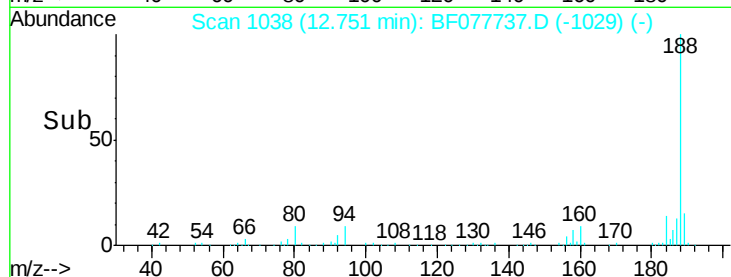
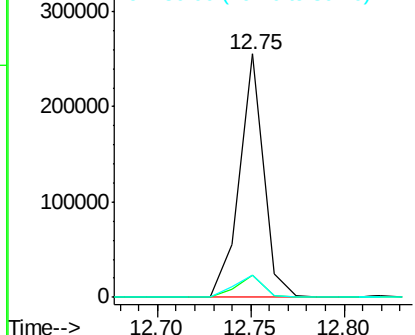
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.75 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF077737.D
Acq: 13 Mar 2015 13:59

Instrument :
BNA_F
ClientSampleId :
PB82103BL

Tgt Ion:188 Resp: 232042
Ion Ratio Lower Upper
188 100
94 8.9 8.7 13.1
80 9.0 9.3 13.9#

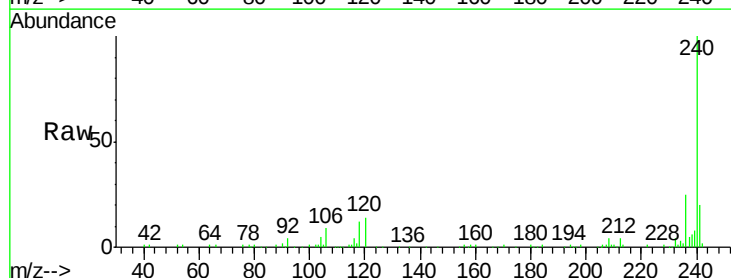


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

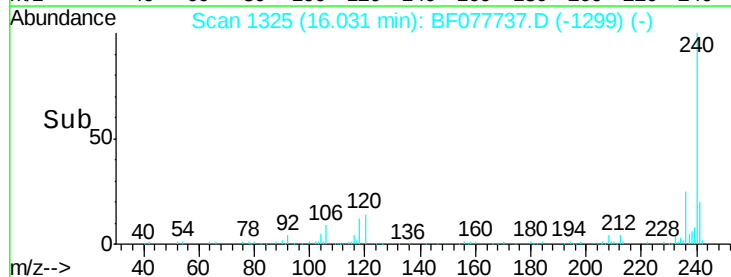
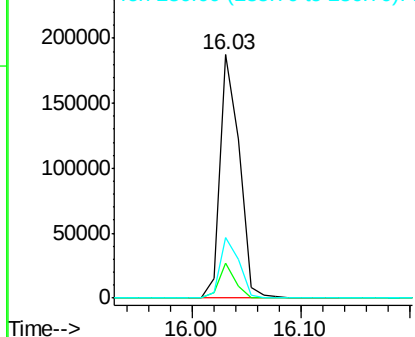


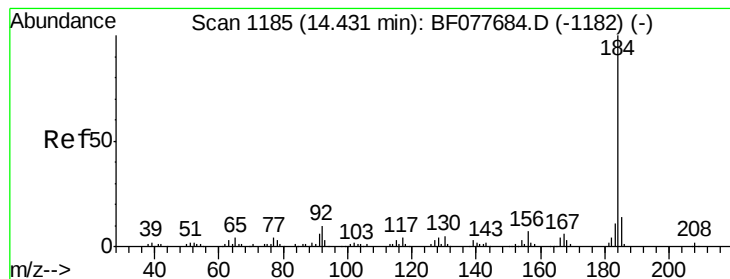
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.03 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF077737.D
Acq: 13 Mar 2015 13:59

Tgt Ion:240 Resp: 231415
Ion Ratio Lower Upper
240 100
120 14.2 8.2 12.2#
236 24.7 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





#76

Benzidine

Concen: 5.77 ng

RT: 14.43 min Scan# 1185

Delta R.T. 0.00 min

Lab File: BF077737.D

Acq: 13 Mar 2015 13:59

Instrument :

BNA_F

ClientSampleId :

PB82103BL

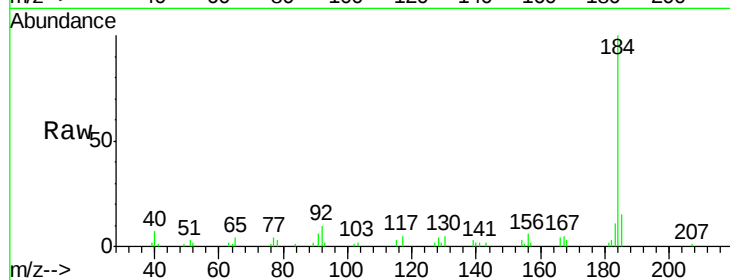
Tgt Ion:184 Resp: 35420

Ion Ratio Lower Upper

184 100

185 15.1 11.3 16.9

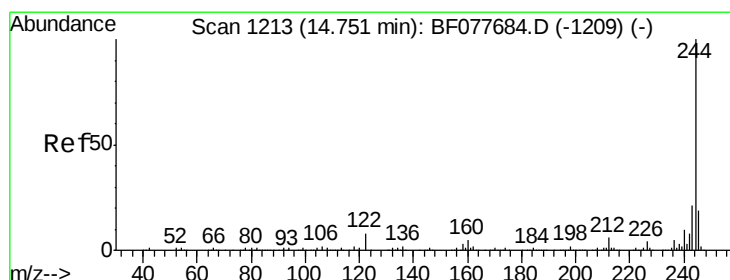
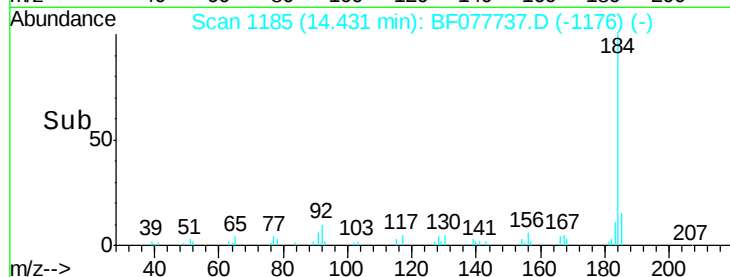
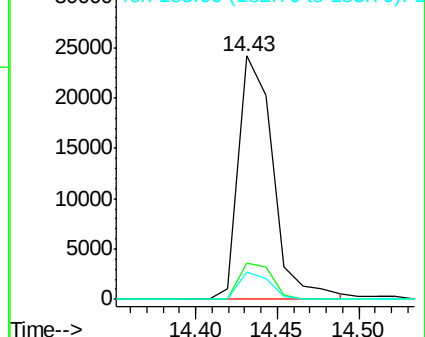
183 11.0 8.9 13.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 67.02 ng

RT: 14.74 min Scan# 1212

Delta R.T. 0.00 min

Lab File: BF077737.D

Acq: 13 Mar 2015 13:59

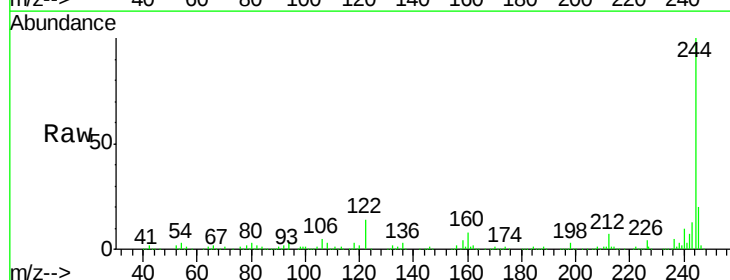
Tgt Ion:244 Resp: 634951

Ion Ratio Lower Upper

244 100

212 7.0 4.9 7.3

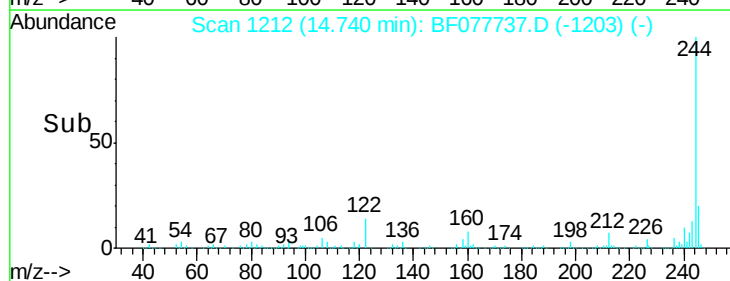
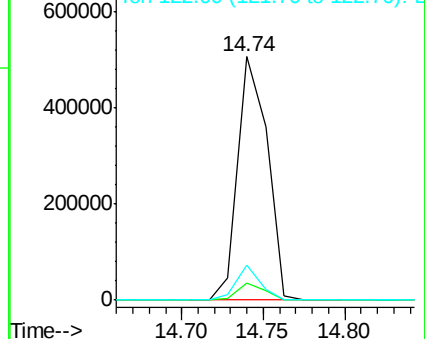
122 14.4 6.2 9.4#

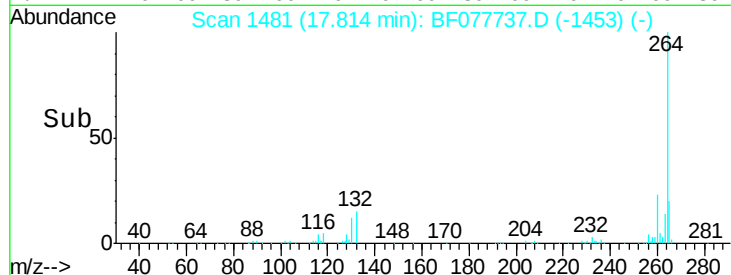
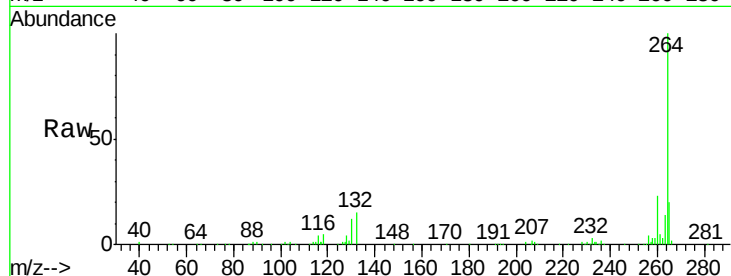
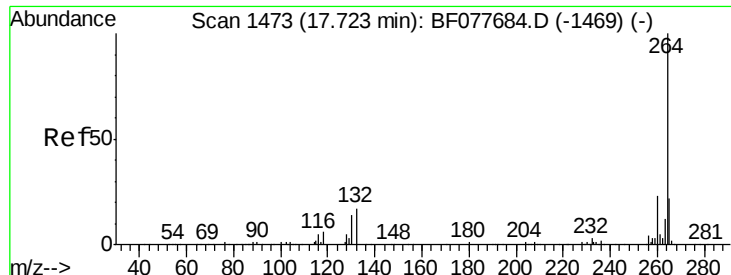


Abundance Ion 244.00 (243.70 to 244.70): E

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: 17.81 min Scan# 1481
Delta R.T. 0.02 min
Lab File: BF077737.D
Acq: 13 Mar 2015 13:59

Instrument :
BNA_F
ClientSampleId :
PB82103BL

Tgt Ion:	264	Resp:	217837
Ion Ratio	Lower	Upper	
264	100		
260	23.3	18.6	27.8
265	20.4	17.3	25.9

