

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050515\
 Data File : BF078933.D
 Acq On : 5 May 2015 10:36
 Operator : TP/IZ
 Sample : PB83180BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83180BL

Quant Time: May 06 01:09:30 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 06 00:45:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	62138	20.00	ng	0.00
21) Naphthalene-d8	8.94	136	255768	20.00	ng	0.00
38) Acenaphthene-d10	11.11	164	124839	20.00	ng	0.00
63) Phenanthrene-d10	12.96	188	252228	20.00	ng	0.00
75) Chrysene-d12	16.27	240	268619	20.00	ng	0.00
86) Perylene-d12	18.14	264	291350	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	503524	139.49	ng	0.01
7) Phenol-d6	6.90	99	604850	126.76	ng	0.00
23) Nitrobenzene-d5	8.04	82	364660	81.94	ng	0.00
41) 2,4,6-Tribromophenol	12.09	330	174120	128.93	ng	0.00
44) 2-Fluorobiphenyl	10.28	172	743376	82.96	ng	0.00
78) Terphenyl-d14	14.95	244	948680	84.55	ng	0.00

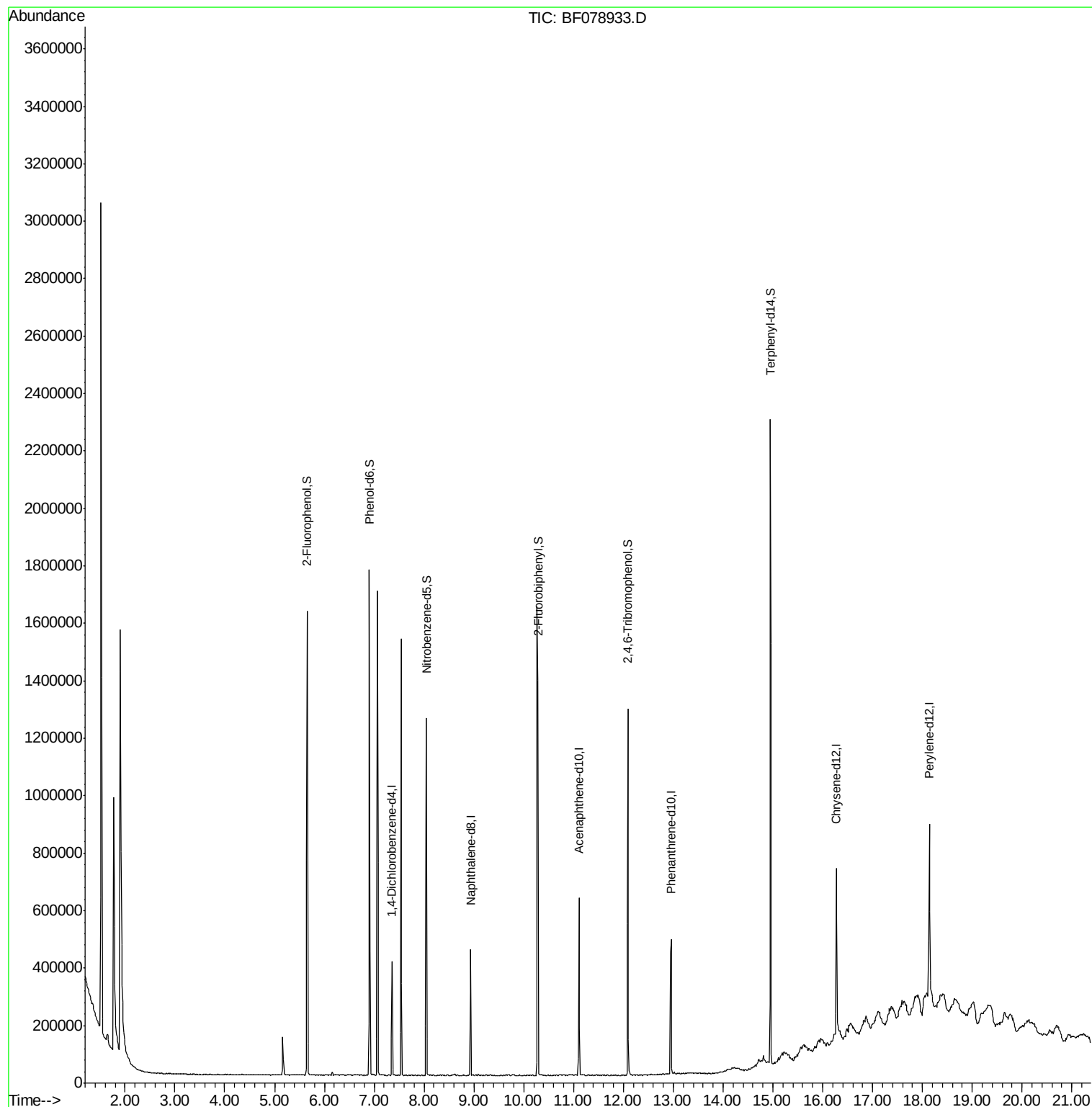
Target Compounds Qvalue

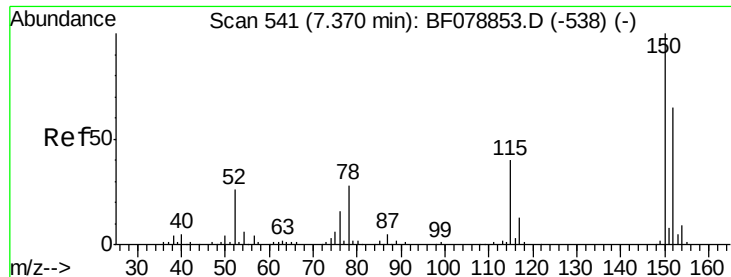
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050515\
Data File : BF078933.D
Acq On : 5 May 2015 10:36
Operator : TP/IZ
Sample : PB83180BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB83180BL

Quant Time: May 06 01:09:30 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 06 00:45:00 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.36 min Scan# 540

Delta R.T. -0.00 min

Lab File: BF078933.D

Acq: 5 May 2015 10:36

Instrument :

BNA_F

ClientSampleId :

PB83180BL

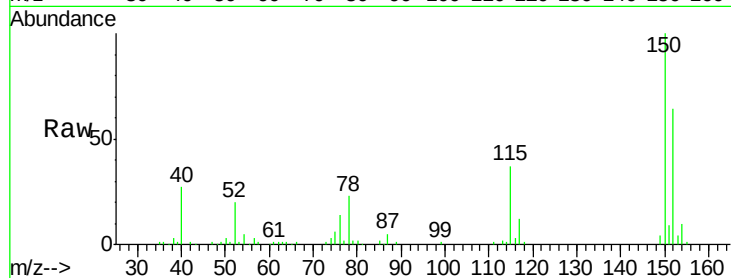
Tot Ion:152 Resp: 62138

Ion Ratio Lower Upper

152 100

150 157.2 122.0 183.0

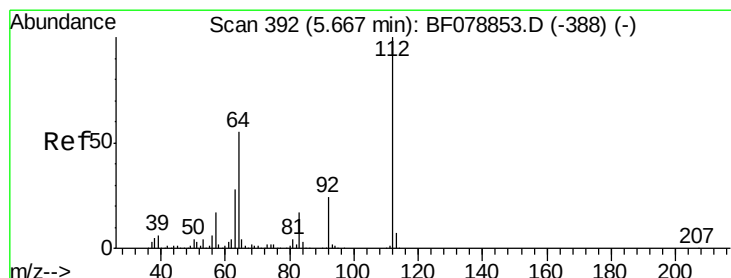
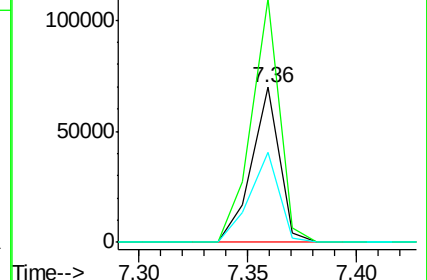
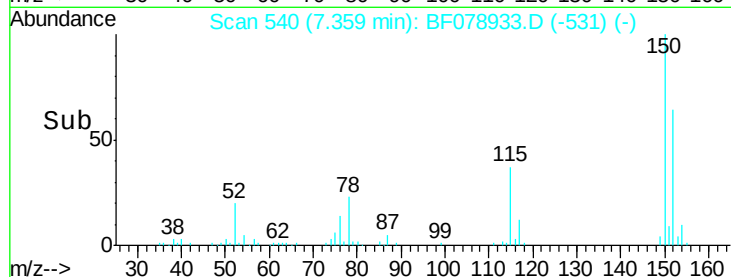
115 57.9 46.3 69.5



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: 139.49 ng

RT: 5.66 min Scan# 391

Delta R.T. 0.01 min

Lab File: BF078933.D

Acq: 5 May 2015 10:36

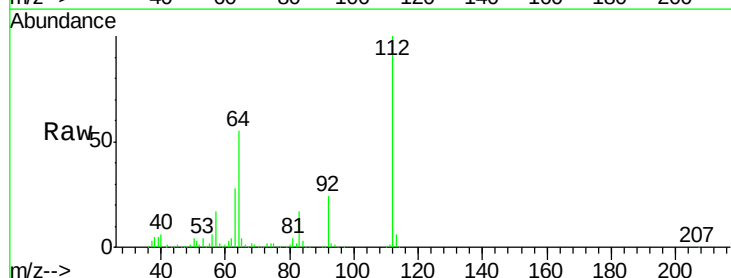
Tgt Ion:112 Resp: 503524

Ion Ratio Lower Upper

112 100

64 55.2 53.5 80.3

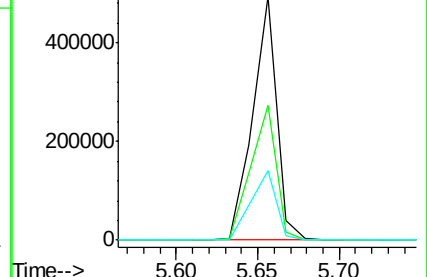
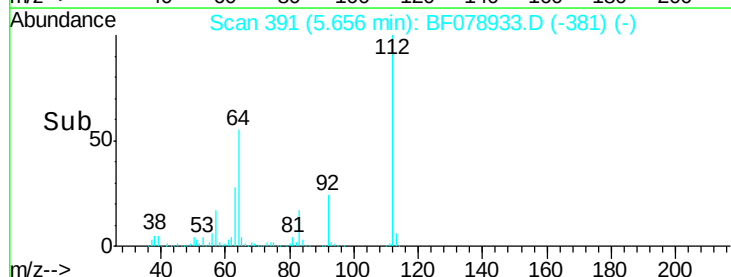
63 28.5 27.5 41.3

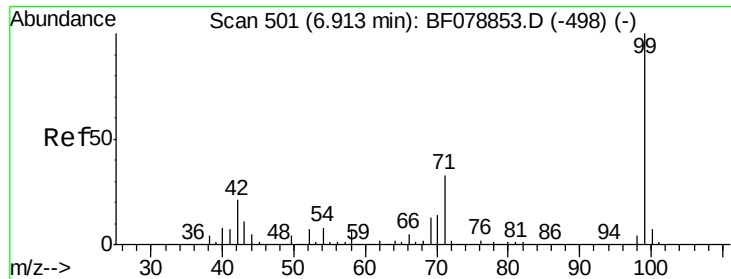


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 126.76 ng

RT: 6.90 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF078933.D

Acq: 5 May 2015 10:36

Instrument :

BNA_F

ClientSampleId :

PB83180BL

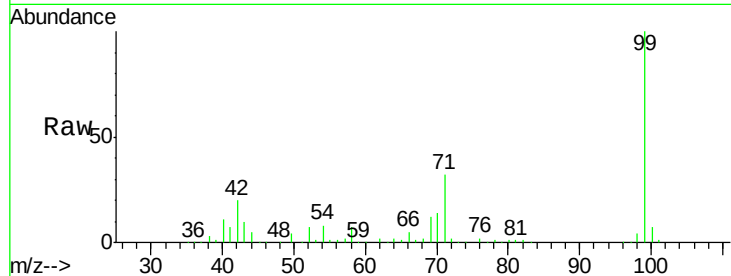
Tot Ion: 99 Resp: 604850

Ion Ratio Lower Upper

99 100

42 19.7 12.8 19.2#

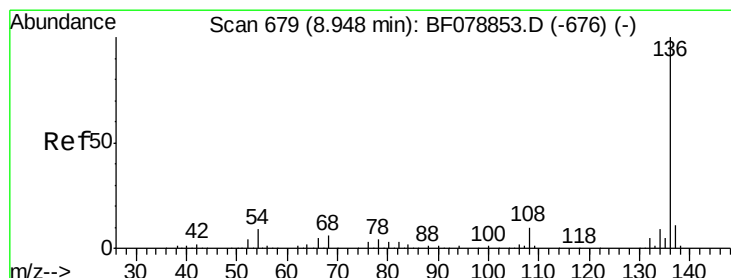
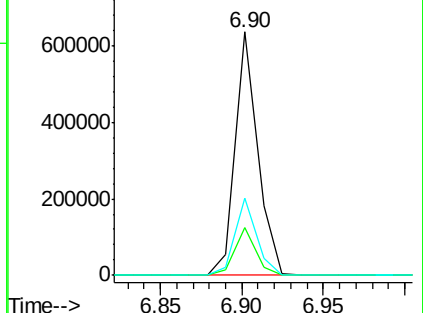
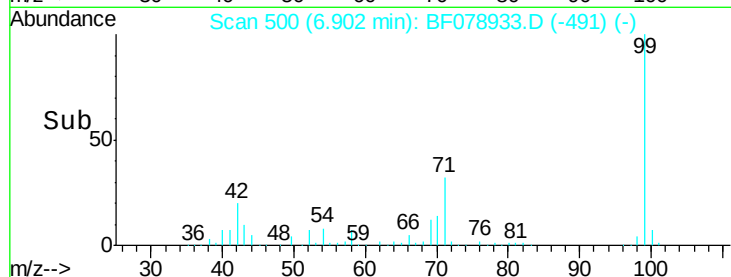
71 31.8 23.4 35.2



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: 8.94 min Scan# 678

Delta R.T. -0.00 min

Lab File: BF078933.D

Acq: 5 May 2015 10:36

Tgt Ion: 136 Resp: 255768

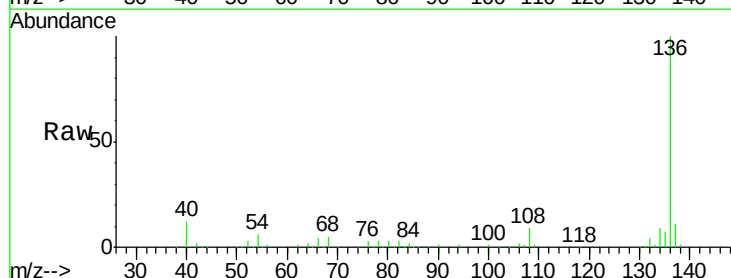
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 6.2 5.8 8.8

68 5.3 4.2 6.4

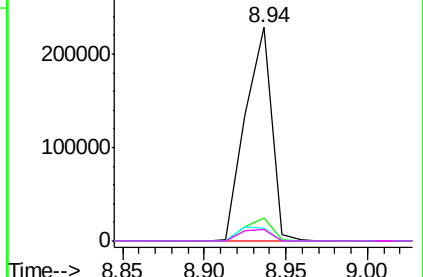
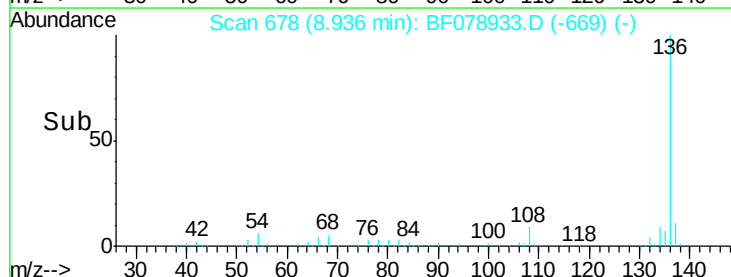


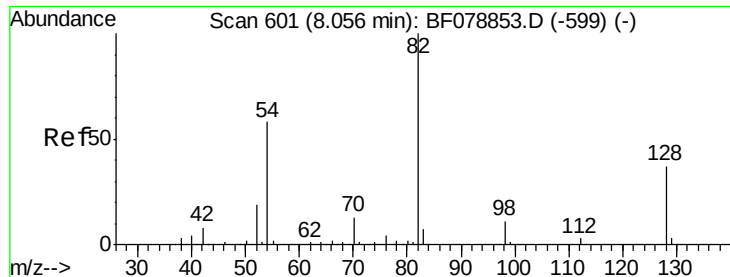
Abundance Ion 136.00 (135.70 to 136.70): E

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

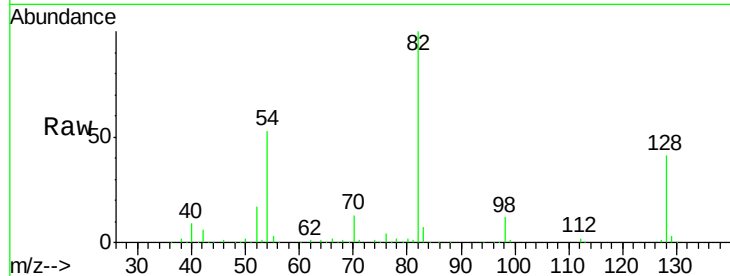




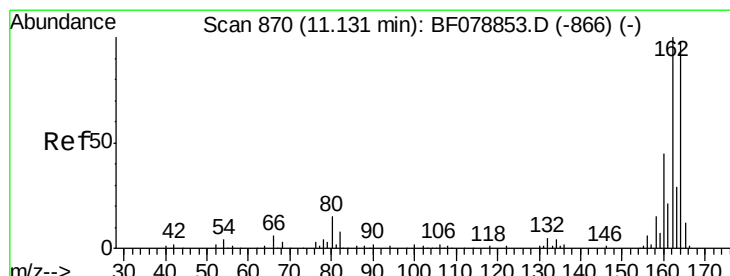
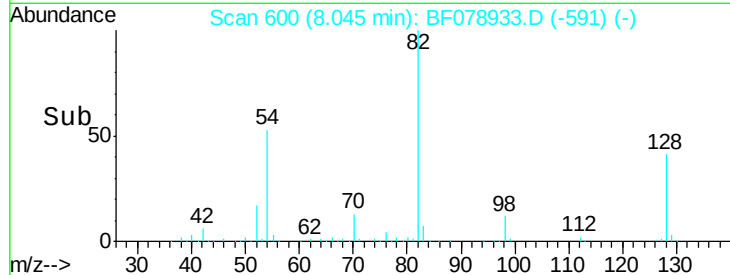
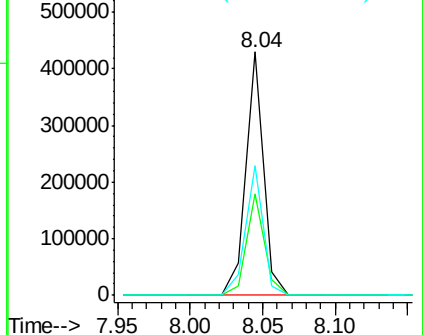
#23
 Nitrobenzene-d5
 Concen: 81.94 ng
 RT: 8.04 min Scan# 600
 Delta R.T. -0.00 min
 Lab File: BF078933.D
 Acq: 5 May 2015 10:36

Instrument :
 BNA_F
 ClientSampleId :
 PB83180BL

Tot Ion	82	Resp	364660
Ion Ratio	100	Lower	Upper
128	41.4	30.0	45.0
54	53.1	46.4	69.6

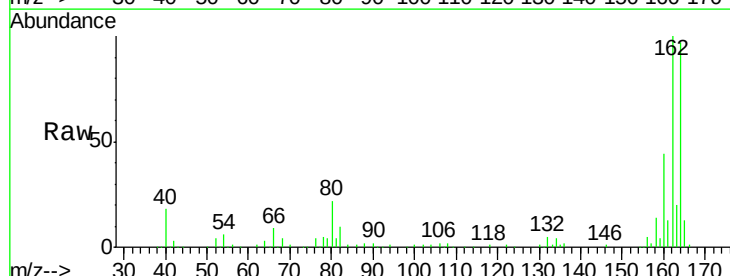


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

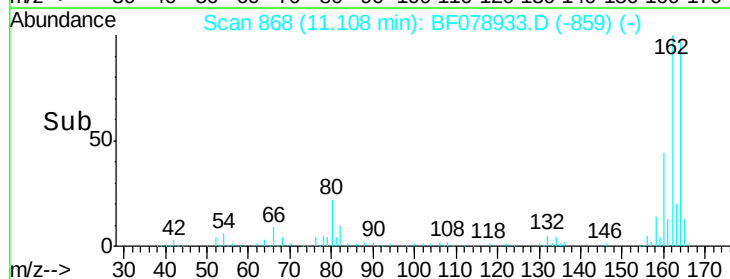
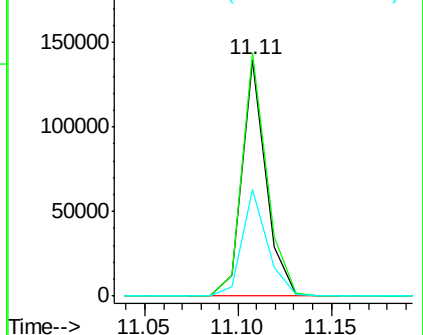


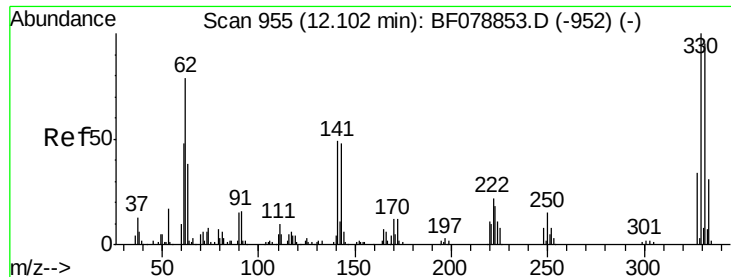
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.11 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: BF078933.D
 Acq: 5 May 2015 10:36

Tgt Ion	164	Resp	124839
Ion Ratio	100	Lower	Upper
162	103.0	82.7	124.1
160	45.0	35.8	53.8



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

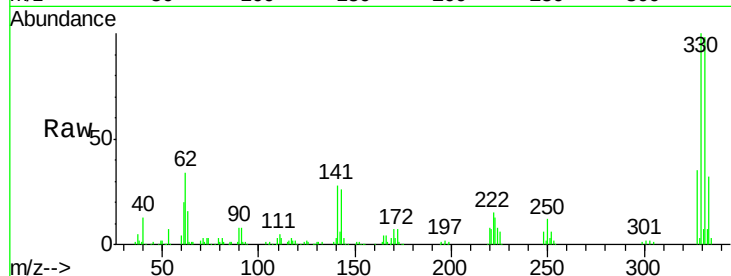




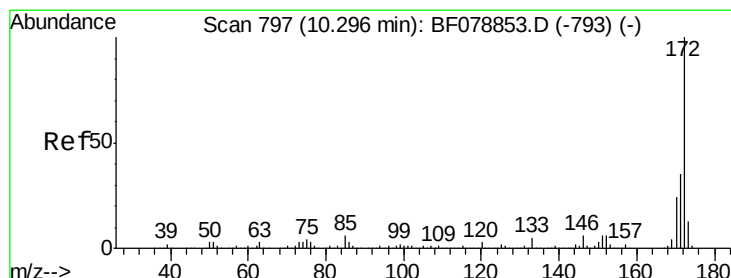
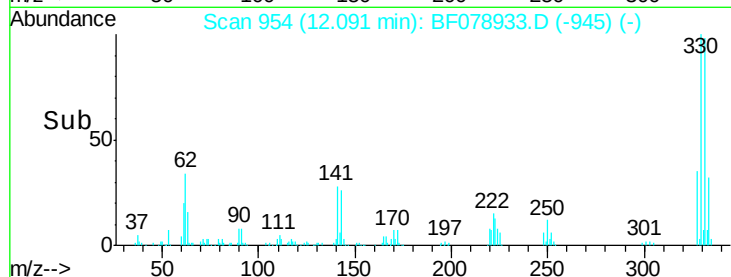
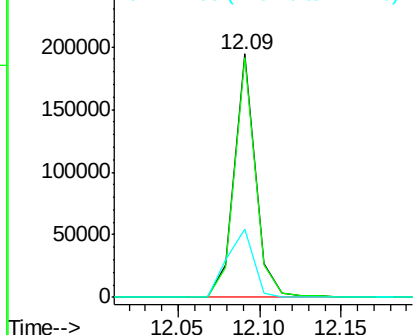
#41
 2,4,6-Tribromophenol
 Concen: 128.93 ng
 RT: 12.09 min Scan# 954
 Delta R.T. -0.00 min
 Lab File: BF078933.D
 Acq: 5 May 2015 10:36

Instrument :
 BNA_F
 ClientSampleId :
 PB83180BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	0.0	0.0#
141	35.4	0.0	0.0#

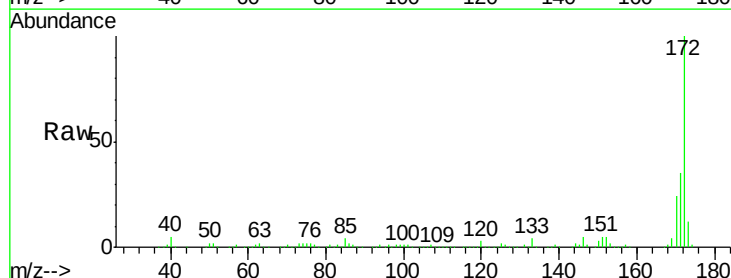


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

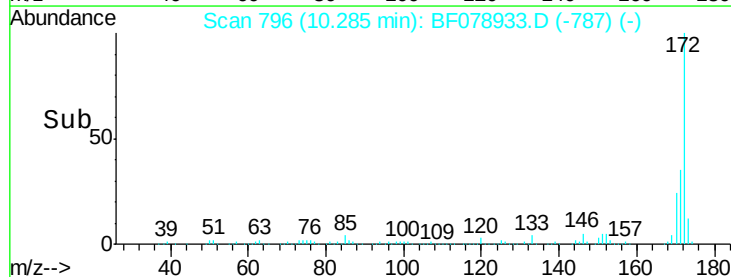
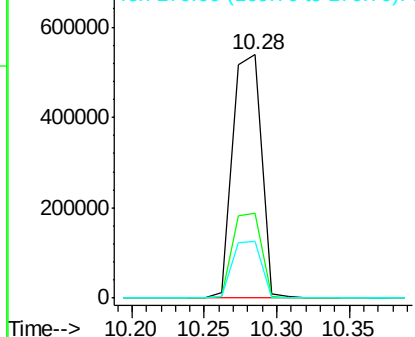


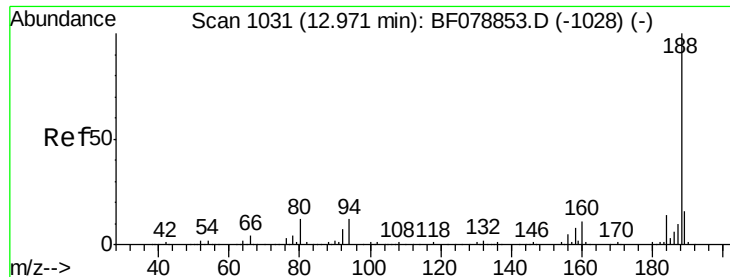
#44
 2-Fluorobiphenyl
 Concen: 82.96 ng
 RT: 10.28 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF078933.D
 Acq: 5 May 2015 10:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.9	41.9
170	23.5	19.4	29.0



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

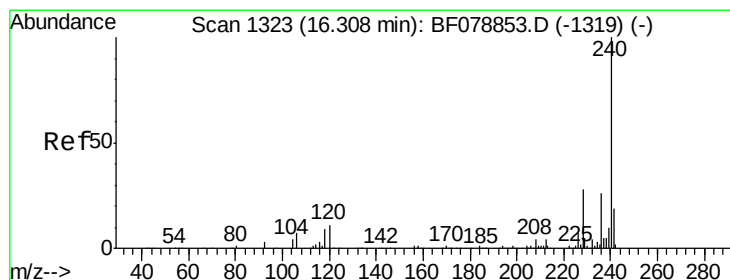
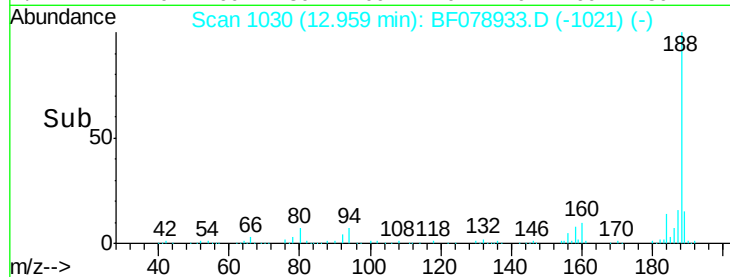
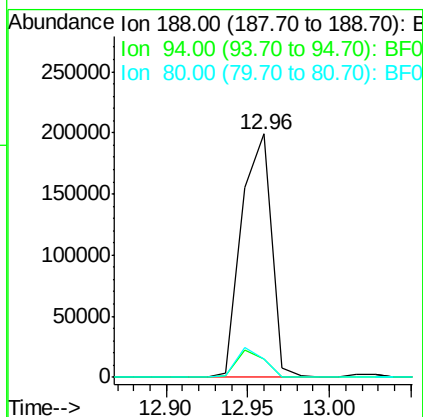
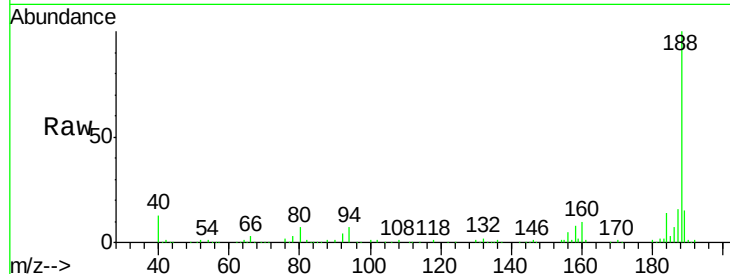




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.96 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: BF078933.D
 Acq: 5 May 2015 10:36

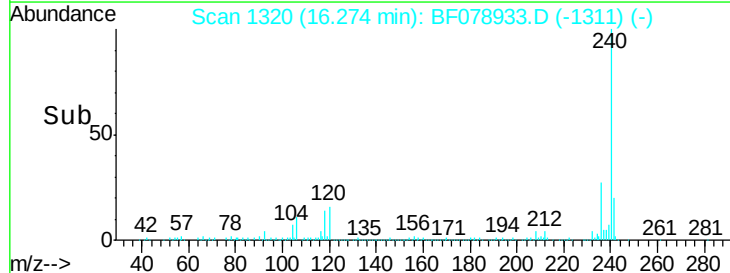
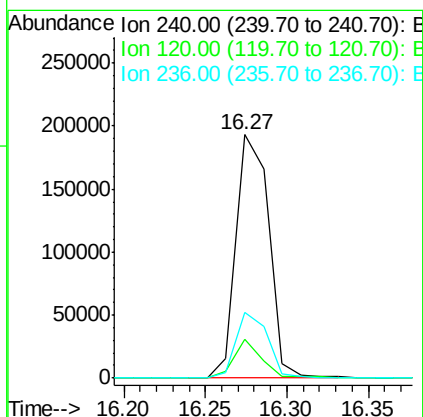
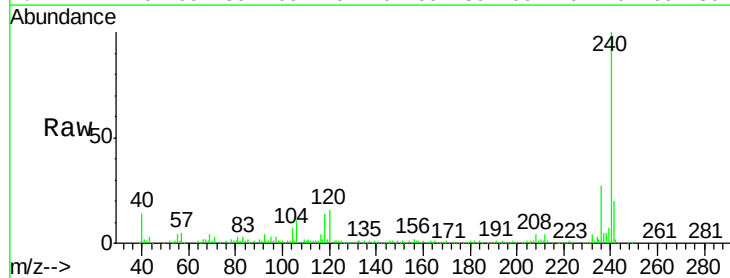
Instrument :
 BNA_F
 ClientSampled :
 PB83180BL

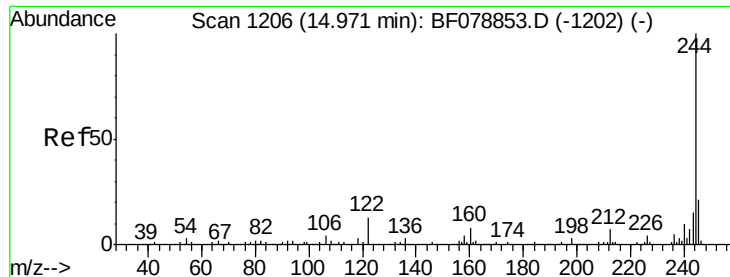
Tot Ion	188	Resp	252228
Ion Ratio	100		
Lower	8.2		
Upper	12.2#		
94	7.3		
80	7.3		
	8.9		
	13.3#		



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.27 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: BF078933.D
 Acq: 5 May 2015 10:36

Tgt Ion	240	Resp	268619
Ion Ratio	100		
Lower	9.7		
Upper	14.5#		
120	15.9		
236	26.7		
	20.2		
	30.4		





#78

Terphenyl-d14

Concen: 84.55 ng

RT: 14.95 min Scan# 1204

Delta R.T. -0.00 min

Lab File: BF078933.D

Acq: 5 May 2015 10:36

Instrument :

BNA_F

ClientSampleId :

PB83180BL

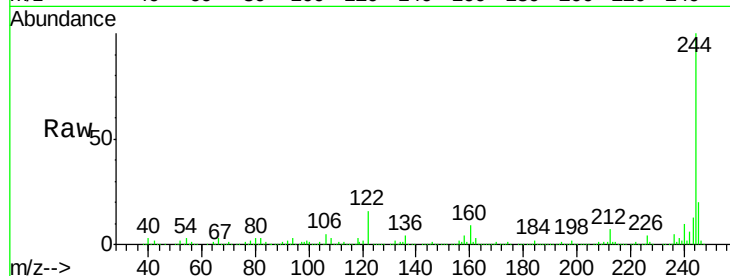
Tot Ion:244 Resp: 948680

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

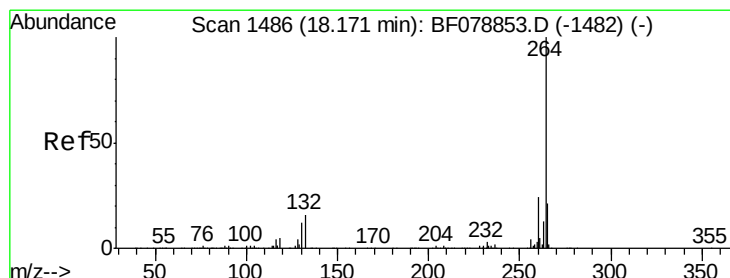
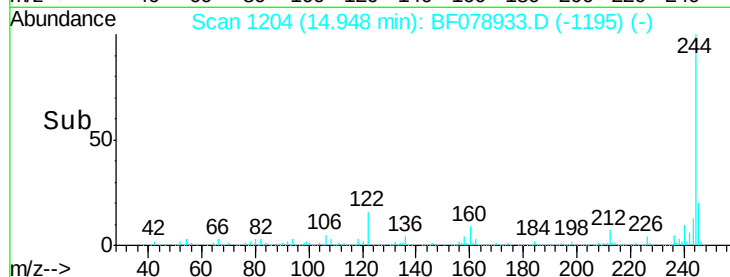
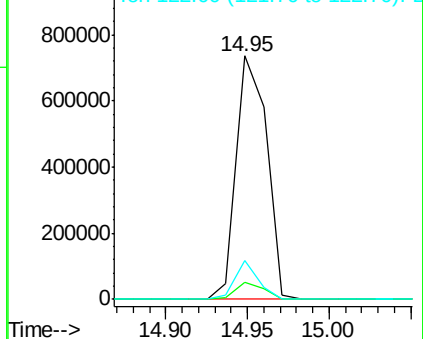
122 16.1 10.3 15.5#



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: 18.14 min Scan# 1483

Delta R.T. 0.05 min

Lab File: BF078933.D

Acq: 5 May 2015 10:36

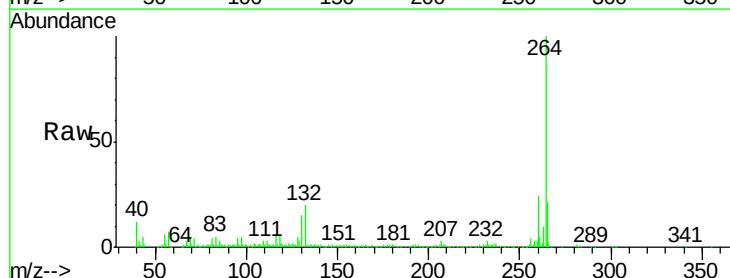
Tgt Ion:264 Resp: 291350

Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.2

265 20.7 18.3 27.5



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

