

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033115\
 Data File : BF078138.D
 Acq On : 1 Apr 2015 4:32
 Operator : TP/IZ
 Sample : G1703-15
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-8(0-10)

Quant Time: Apr 01 05:32:39 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 00:51:03 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.05	152	42186	20.00	ng	0.00
21) Naphthalene-d8	8.62	136	176540	20.00	ng	0.00
38) Acenaphthene-d10	10.78	164	90206	20.00	ng	0.00
63) Phenanthrene-d10	12.63	188	178361	20.00	ng	0.00
75) Chrysene-d12	15.89	240	174286	20.00	ng	0.00
86) Perylene-d12	17.59	264	158393	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	254934	105.48	ng	0.00
7) Phenol-d6	6.64	99	335048	112.21	ng	0.00
23) Nitrobenzene-d5	7.74	82	184452	68.49	ng	0.00
41) 2,4,6-Tribromophenol	11.77	330	76185	88.27	ng	0.00
44) 2-Fluorobiphenyl	9.96	172	364655	59.41	ng	-0.01
78) Terphenyl-d14	14.61	244	438722	61.49	ng	0.00

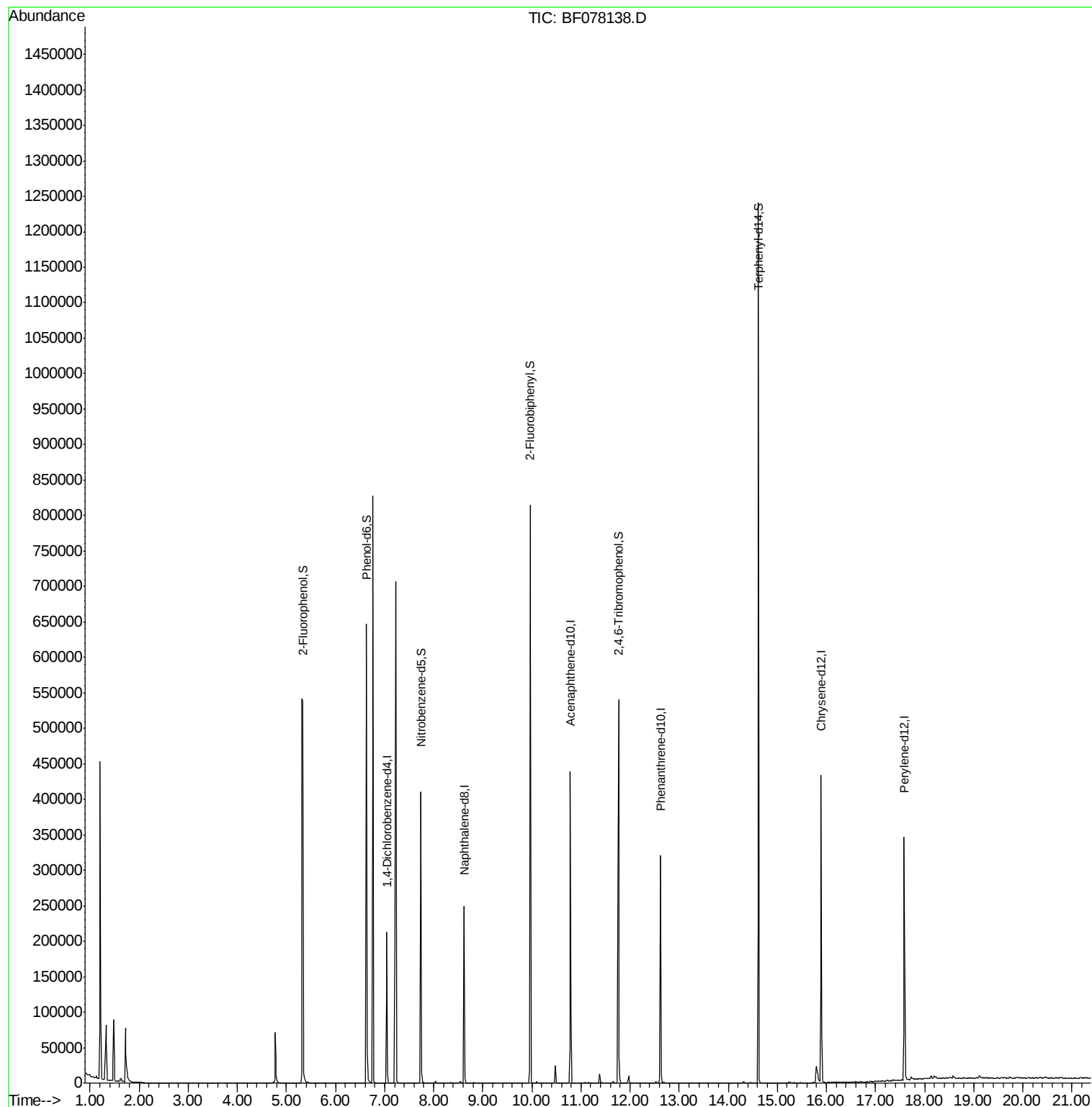
Target Compounds Qvalue

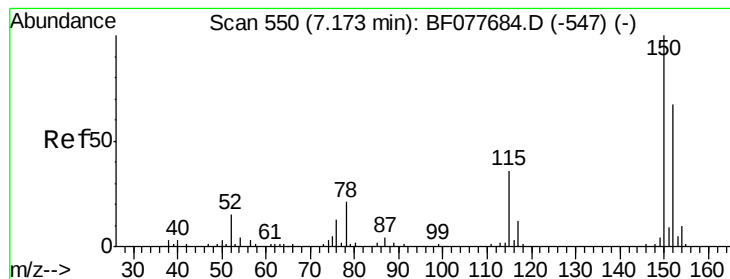
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.05 min Scan# 539

Delta R.T. -0.00 min

Lab File: BF078138.D

Acq: 1 Apr 2015 4:32

Instrument :

BNA_F

ClientSampleId :

S-8(0-10)

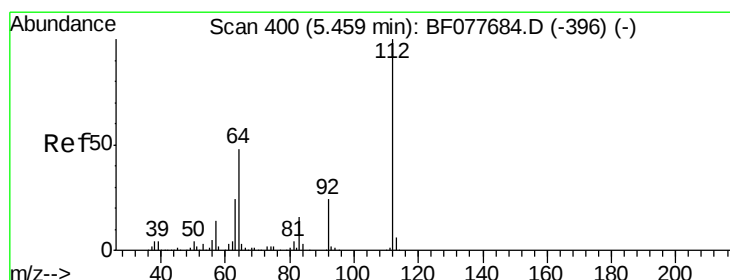
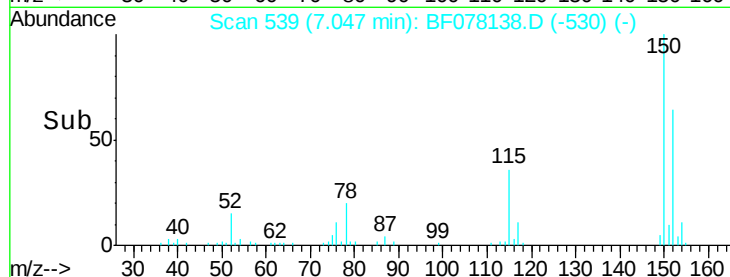
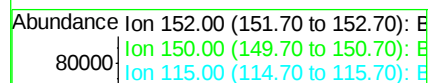
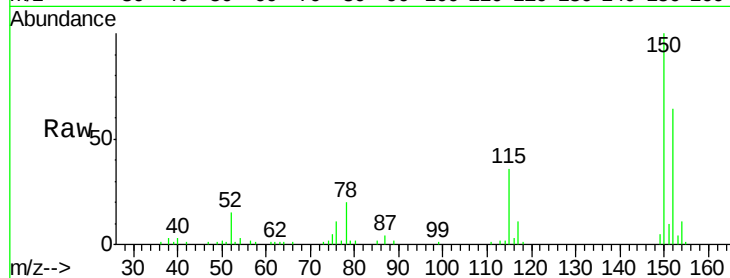
Tot Ion:152 Resp: 42186

Ion Ratio Lower Upper

152 100

150 155.9 119.5 179.3

115 55.9 43.0 64.4



#5

2-Fluorophenol

Concen: 105.48 ng

RT: 5.33 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF078138.D

Acq: 1 Apr 2015 4:32

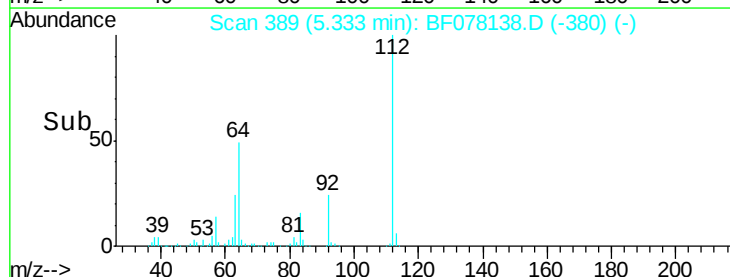
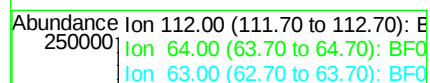
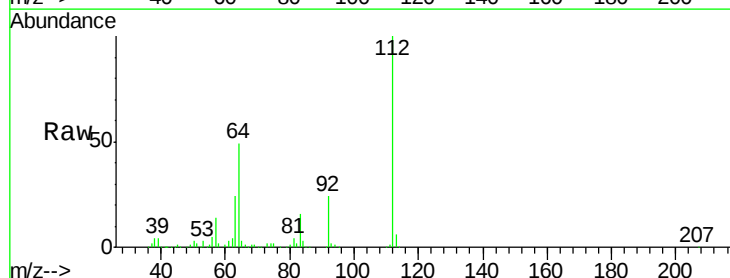
Tgt Ion:112 Resp: 254934

Ion Ratio Lower Upper

112 100

64 48.7 38.6 57.8

63 24.0 19.3 28.9





#7

Phenol-d6

Concen: 112.21 ng

RT: 6.64 min Scan# 503

Delta R.T. -0.00 min

Lab File: BF078138.D

Acq: 1 Apr 2015 4:32

Instrument :

BNA_F

ClientSampleId :

S-8(0-10)

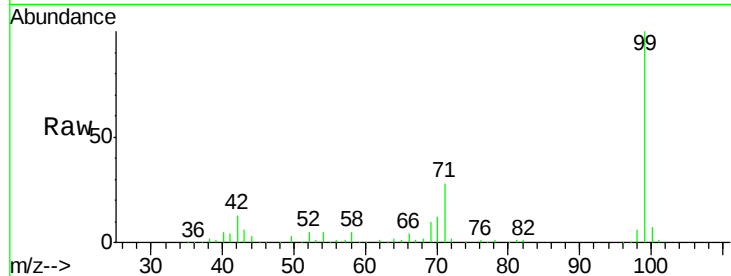
Tot Ion: 99 Resp: 335048

Ion Ratio Lower Upper

99 100

42 12.5 11.0 16.4

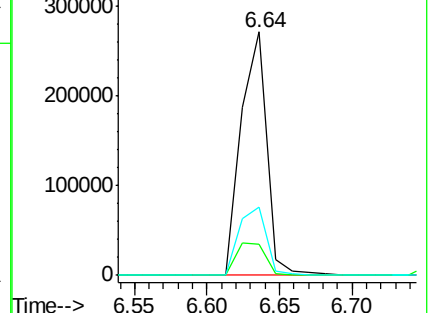
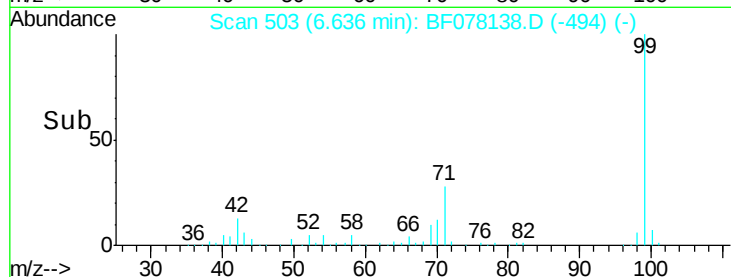
71 28.2 23.4 35.2



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: 8.62 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF078138.D

Acq: 1 Apr 2015 4:32

Tgt Ion: 136 Resp: 176540

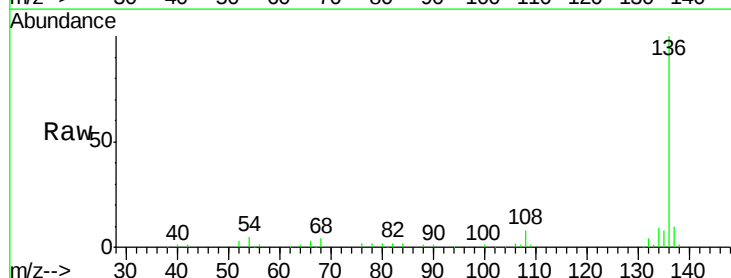
Ion Ratio Lower Upper

136 100

137 10.2 8.7 13.1

54 4.7 4.6 6.8

68 4.2 3.7 5.5

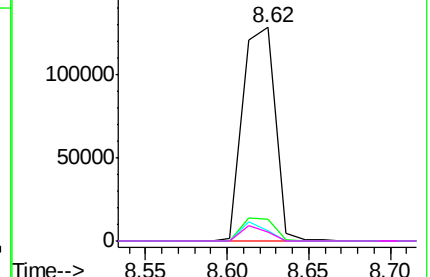
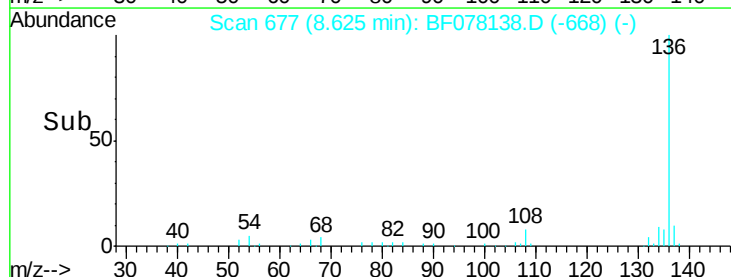


Abundance Ion 136.00 (135.70 to 136.70): E

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

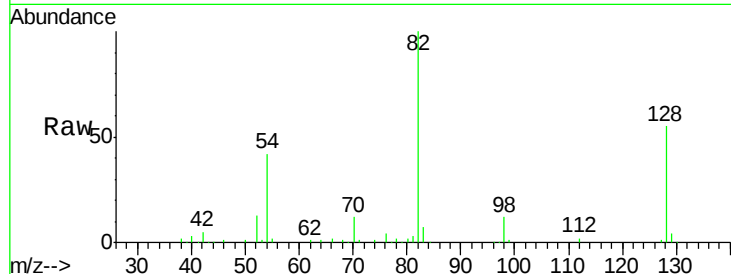




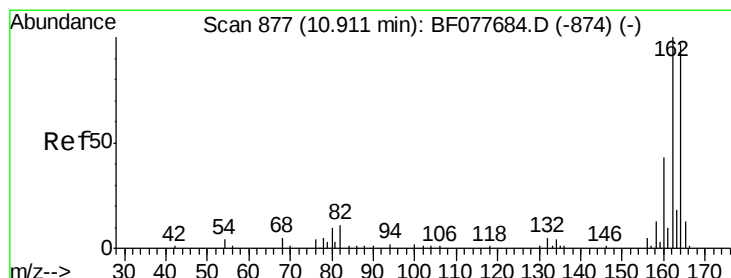
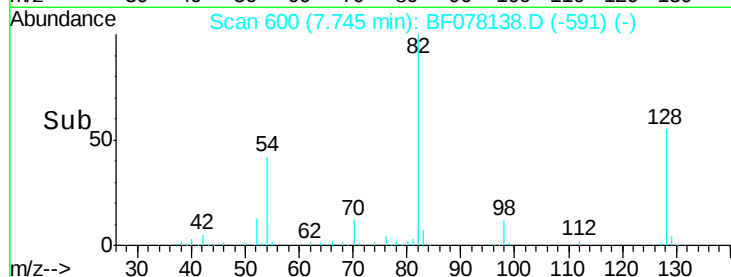
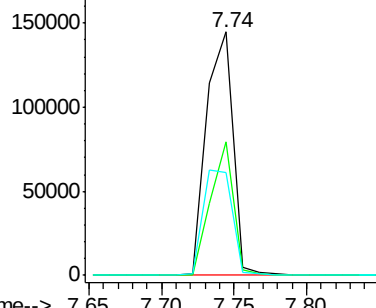
#23
Nitrobenzene-d5
Concen: 68.49 ng
RT: 7.74 min Scan# 600
Delta R.T. -0.00 min
Lab File: BF078138.D
Acq: 1 Apr 2015 4:32

Instrument :
BNA_F
ClientSampleId :
S-8(0-10)

Tot Ion: 82 Resp: 184452
Ion Ratio Lower Upper
82 100
128 54.8 32.8 49.2#
54 42.3 40.6 60.8

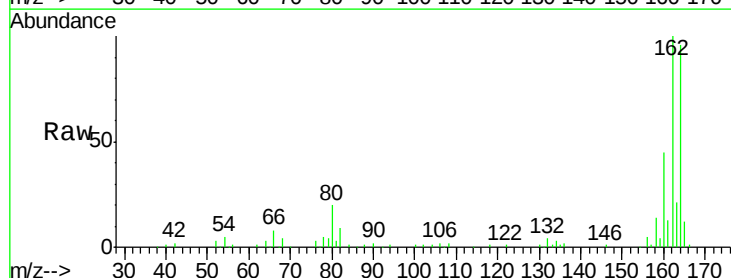


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

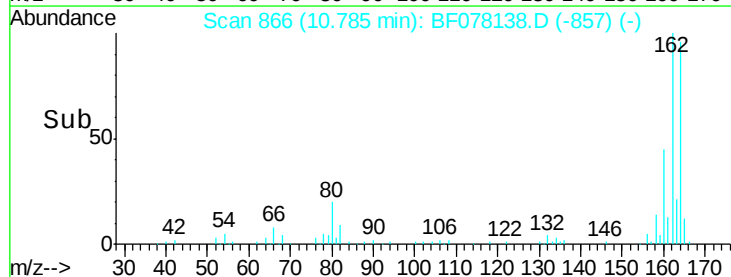
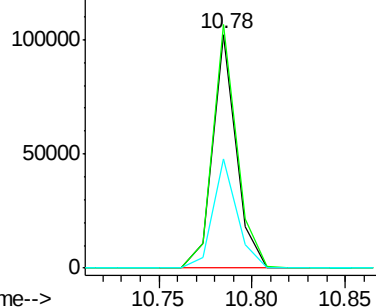


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.78 min Scan# 866
Delta R.T. -0.00 min
Lab File: BF078138.D
Acq: 1 Apr 2015 4:32

Tgt Ion:164 Resp: 90206
Ion Ratio Lower Upper
164 100
162 104.3 82.4 123.6
160 46.5 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

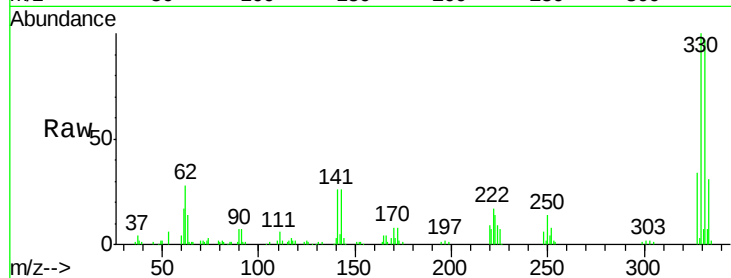




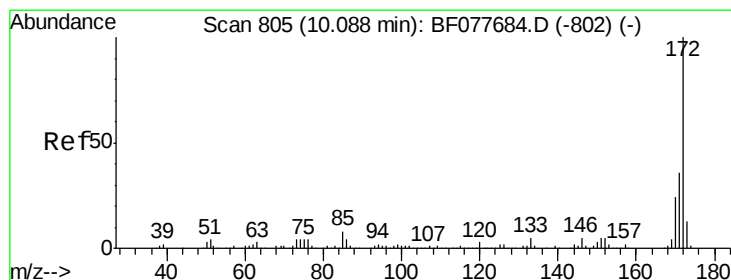
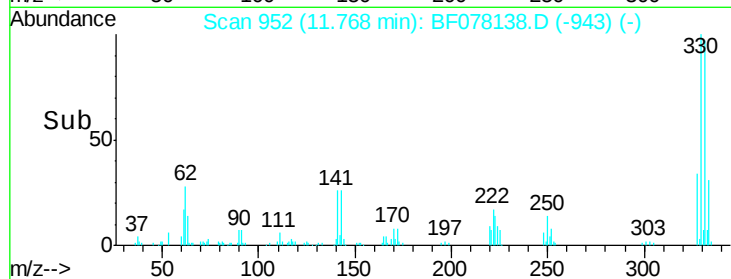
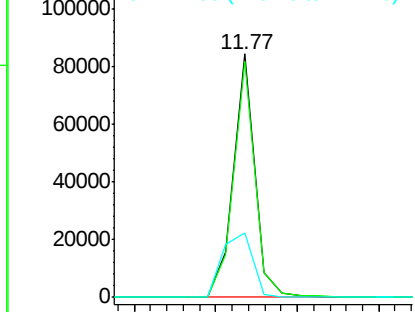
#41
 2,4,6-Tribromophenol
 Concen: 88.27 ng
 RT: 11.77 min Scan# 952
 Delta R.T. -0.00 min
 Lab File: BF078138.D
 Acq: 1 Apr 2015 4:32

Instrument :
 BNA_F
 ClientSampleId :
 S-8(0-10)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	0.0	0.0#
141	37.6	0.0	0.0#

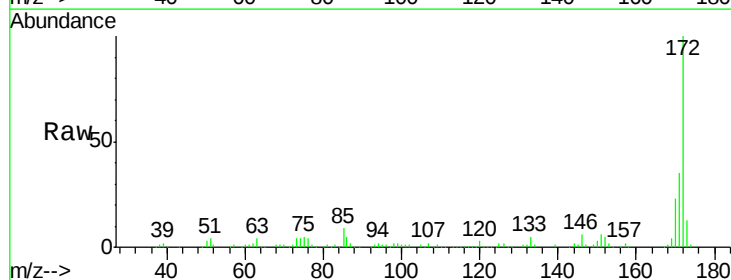


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

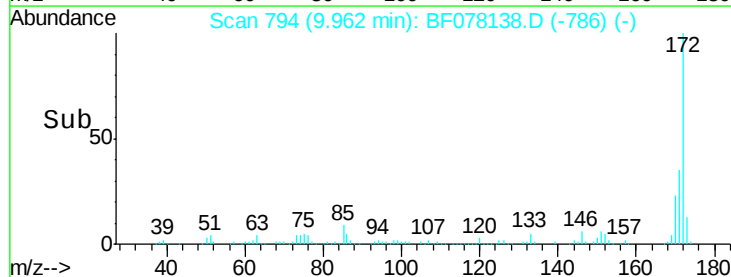
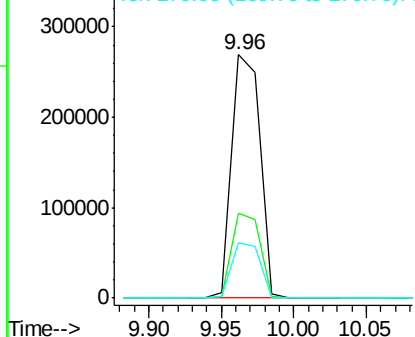


#44
 2-Fluorobiphenyl
 Concen: 59.41 ng
 RT: 9.96 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BF078138.D
 Acq: 1 Apr 2015 4:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.5	42.7
170	23.0	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

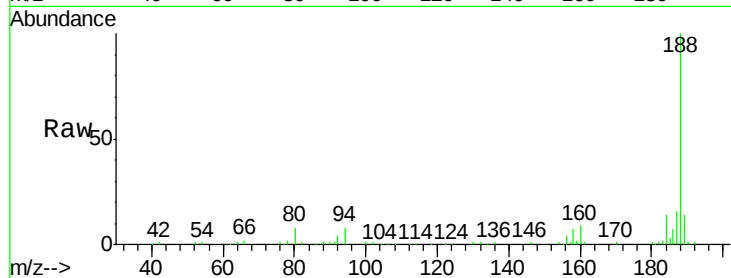




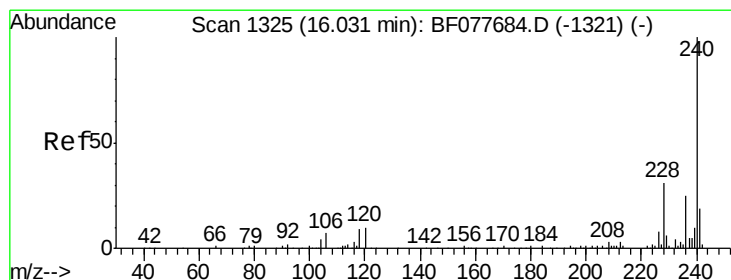
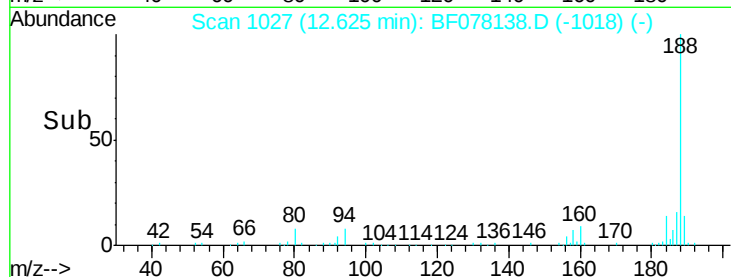
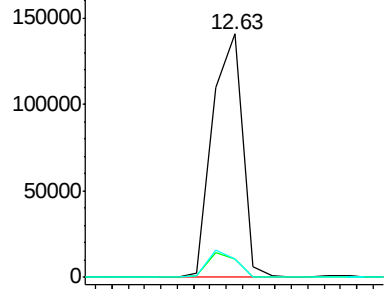
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.63 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF078138.D
Acq: 1 Apr 2015 4:32

Instrument :
BNA_F
ClientSampleId :
S-8(0-10)

Tot Ion:188 Resp: 178361
Ion Ratio Lower Upper
188 100
94 7.5 8.7 13.1#
80 7.7 9.3 13.9#

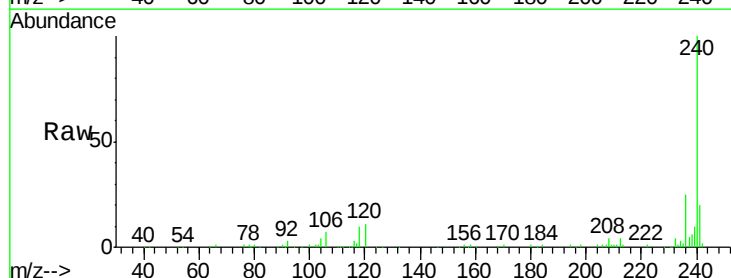


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

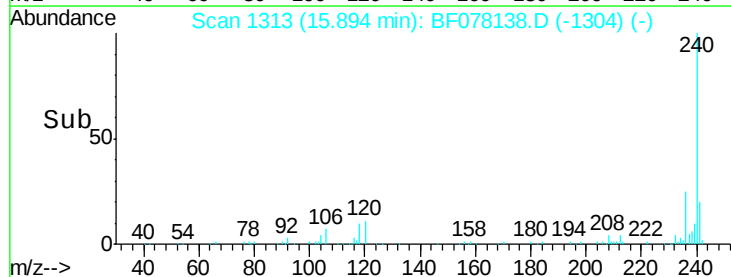
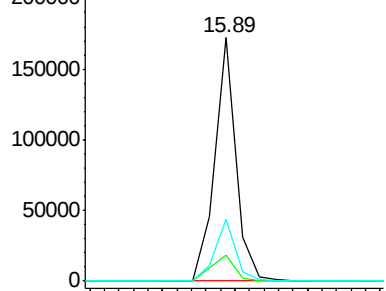


#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.89 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BF078138.D
Acq: 1 Apr 2015 4:32

Tgt Ion:240 Resp: 174286
Ion Ratio Lower Upper
240 100
120 10.8 8.2 12.2
236 25.2 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

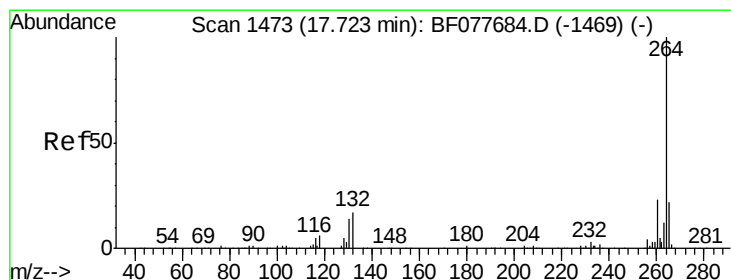
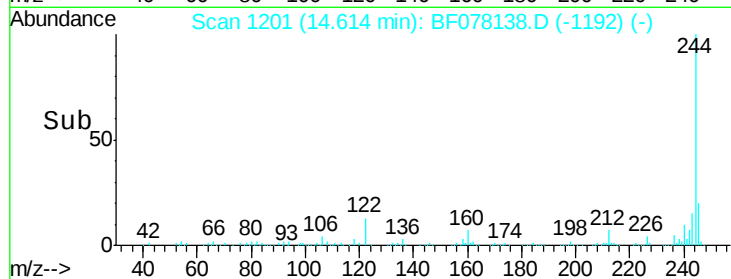
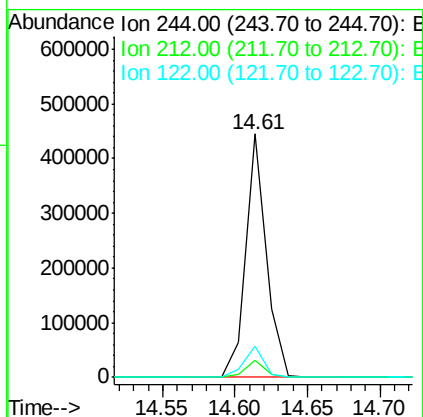
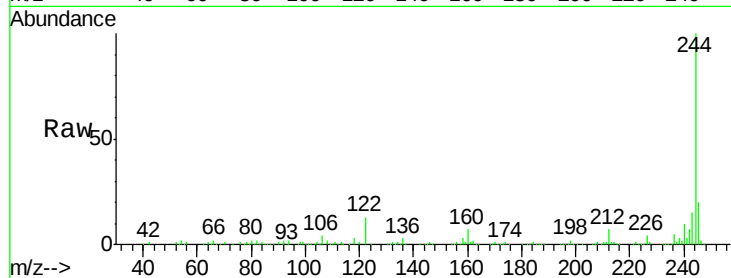




#78
 Terphenyl-d14
 Concen: 61.49 ng
 RT: 14.61 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF078138.D
 Acq: 1 Apr 2015 4:32

Instrument :
 BNA_F
 ClientSampleId :
 S-8(0-10)

Tot Ion:244 Resp: 438722
 Ion Ratio Lower Upper
 244 100
 212 6.9 4.9 7.3
 122 12.5 6.2 9.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.59 min Scan# 1461
 Delta R.T. -0.02 min
 Lab File: BF078138.D
 Acq: 1 Apr 2015 4:32

Tgt Ion:264 Resp: 158393
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.6 27.8
 265 21.8 17.3 25.9

