

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033115\
 Data File : BF078132.D
 Acq On : 1 Apr 2015 1:41
 Operator : TP/IZ
 Sample : G1693-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB

Quant Time: Apr 01 01:38:16 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

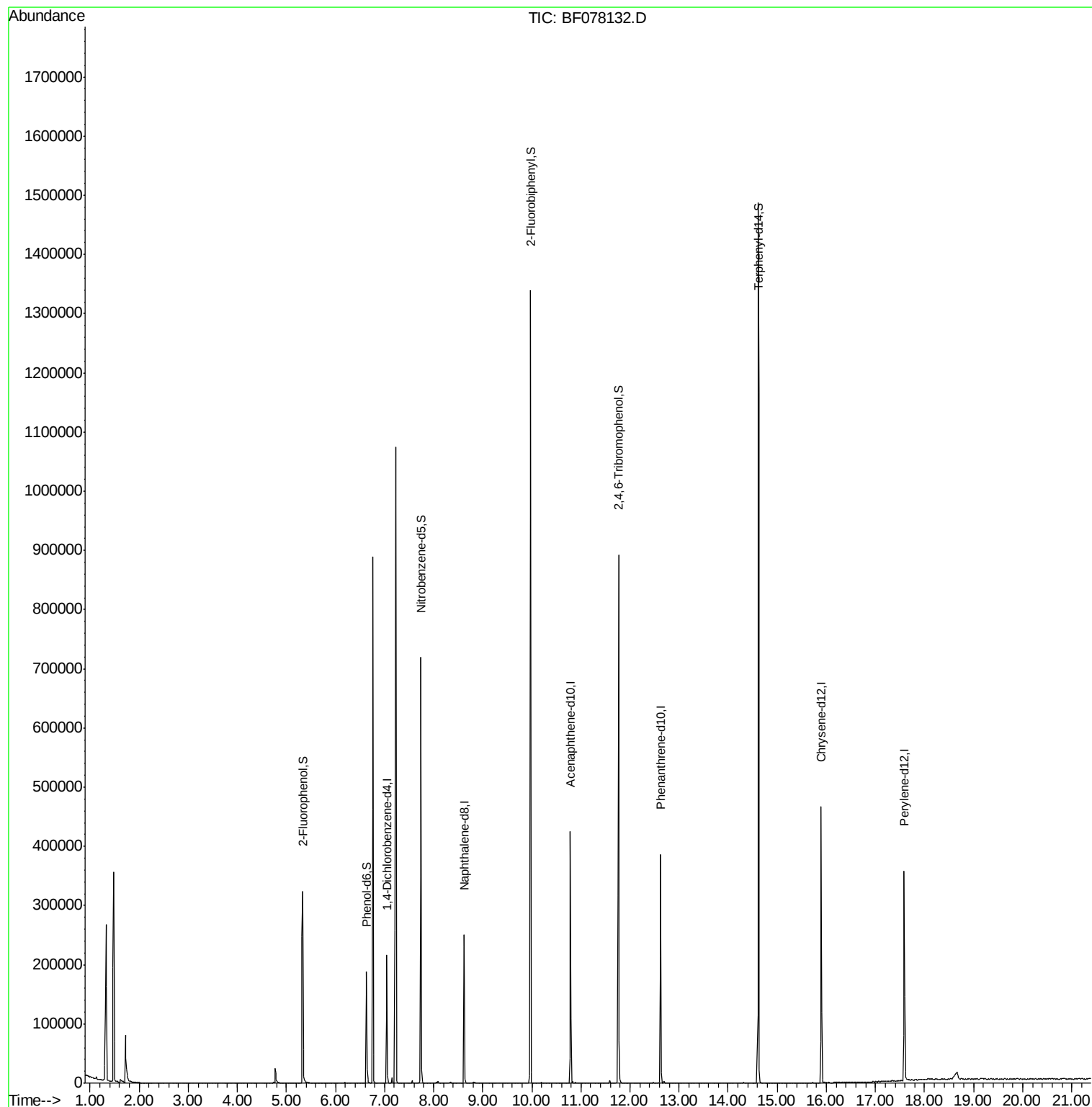
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.05	152	43648	20.00	ng	0.00
21) Naphthalene-d8	8.62	136	174529	20.00	ng	0.00
38) Acenaphthene-d10	10.79	164	88867	20.00	ng	0.00
63) Phenanthrene-d10	12.63	188	179303	20.00	ng	0.00
75) Chrysene-d12	15.89	240	178470	20.00	ng	0.00
86) Perylene-d12	17.59	264	159122	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	140994	56.38	ng	0.00
7) Phenol-d6	6.64	99	102251	33.10	ng	0.00
23) Nitrobenzene-d5	7.74	82	269887	101.37	ng	0.00
41) 2,4,6-Tribromophenol	11.77	330	106812	125.62	ng	0.00
44) 2-Fluorobiphenyl	9.97	172	576070	95.27	ng	0.00
78) Terphenyl-d14	14.61	244	693902	94.97	ng	0.00
Target Compounds						
76) Benzidine	14.32	184	1064	Below Cal	Qvalue #	68

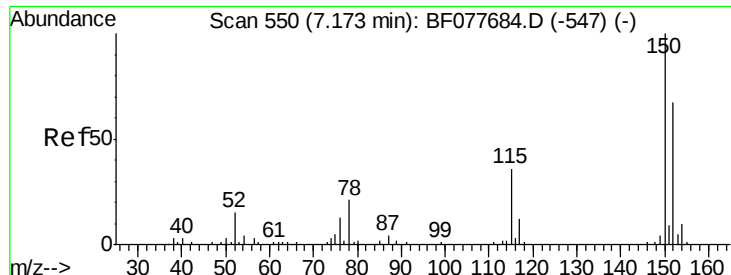
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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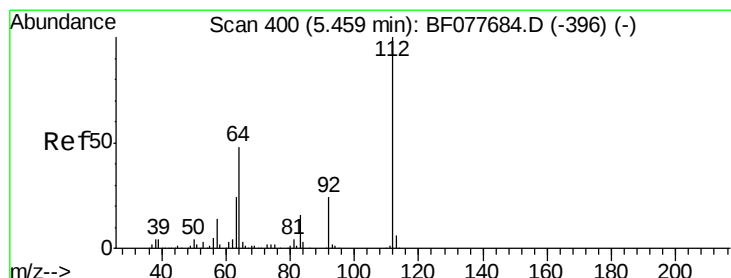
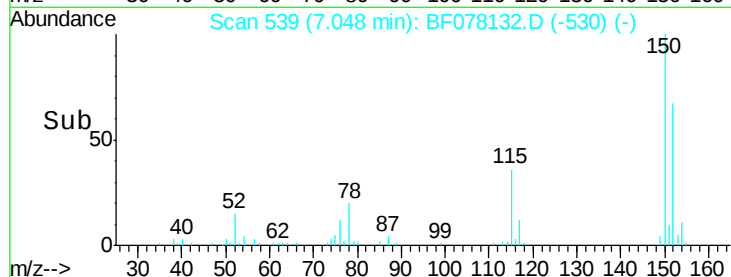
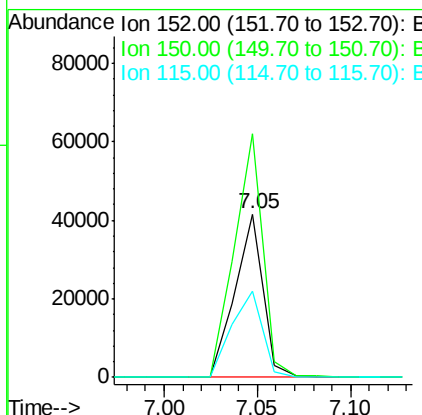
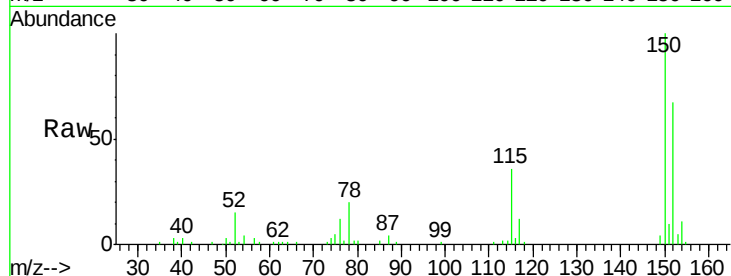




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.05 min Scan# 539
 Delta R.T. 0.00 min
 Lab File: BF078132.D
 Acq: 1 Apr 2015 1:41

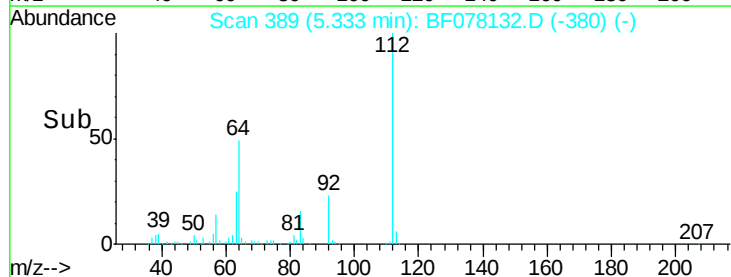
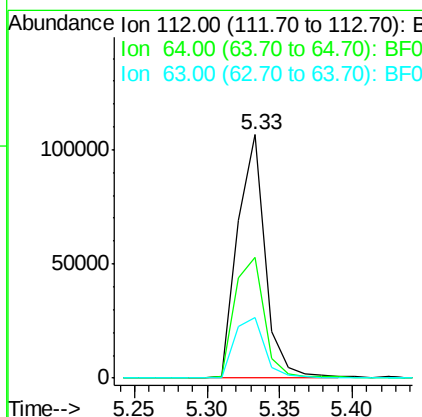
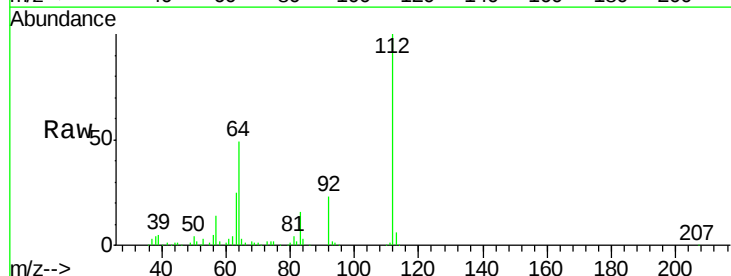
Instrument :
 BNA_F
 ClientSampleId :
 FB

Tgt Ion:152 Resp: 43648
 Ion Ratio Lower Upper
 152 100
 150 149.4 119.5 179.3
 115 53.1 43.0 64.4



#5
 2-Fluorophenol
 Concen: 56.38 ng
 RT: 5.33 min Scan# 389
 Delta R.T. 0.00 min
 Lab File: BF078132.D
 Acq: 1 Apr 2015 1:41

Tgt Ion:112 Resp: 140994
 Ion Ratio Lower Upper
 112 100
 64 49.4 38.6 57.8
 63 24.9 19.3 28.9





#7

Phenol-d6

Concen: 33.10 ng

RT: 6.64 min Scan# 503

Delta R.T. 0.00 min

Lab File: BF078132.D

Acq: 1 Apr 2015 1:41

Instrument :

BNA_F

ClientSampleId :

FB

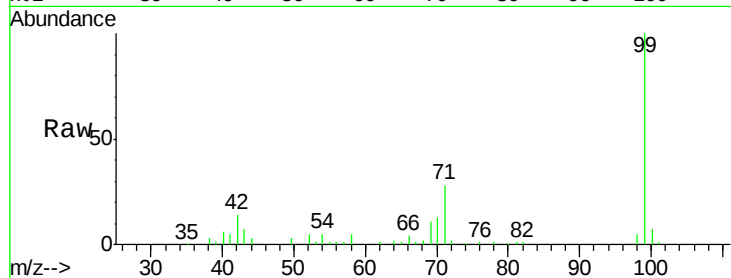
Tgt Ion: 99 Resp: 102251

Ion Ratio Lower Upper

99 100

42 14.0 11.0 16.4

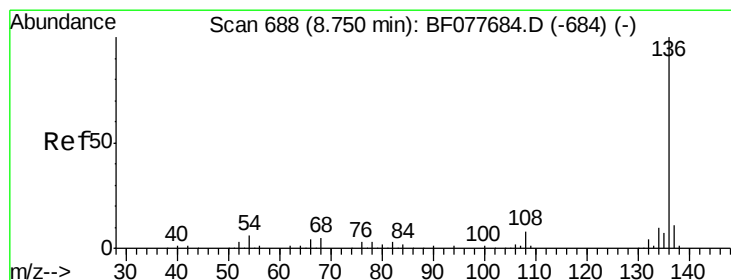
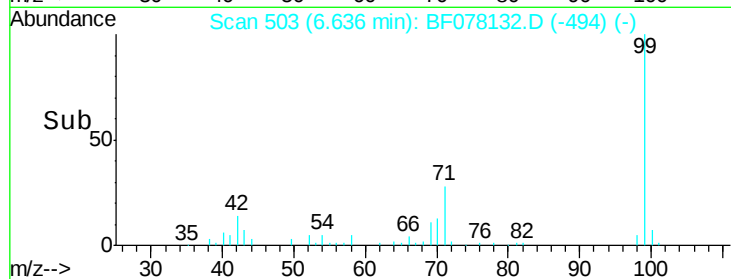
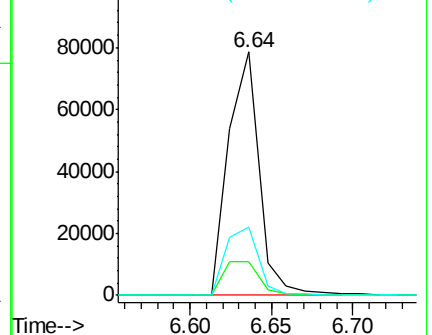
71 27.8 23.4 35.2



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: 8.62 min Scan# 677

Delta R.T. 0.00 min

Lab File: BF078132.D

Acq: 1 Apr 2015 1:41

Tgt Ion: 136 Resp: 174529

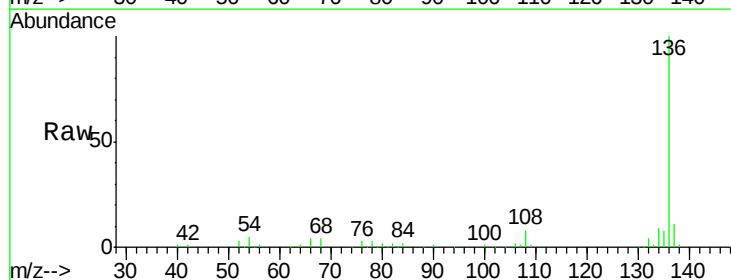
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 5.1 4.6 6.8

68 4.3 3.7 5.5

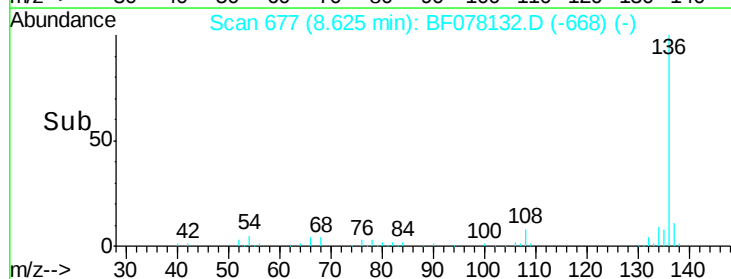
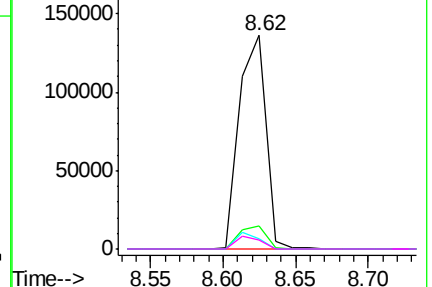


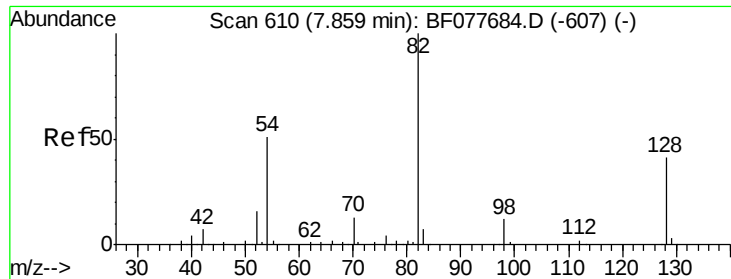
Abundance Ion 136.00 (135.70 to 136.70): E

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

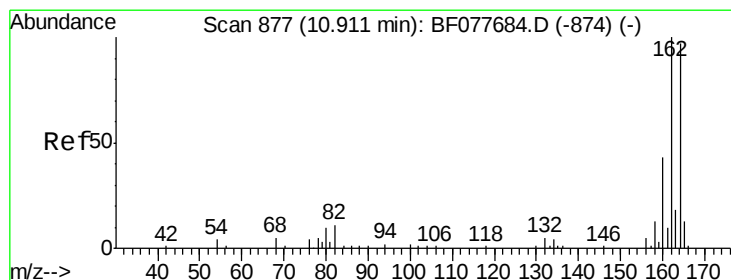
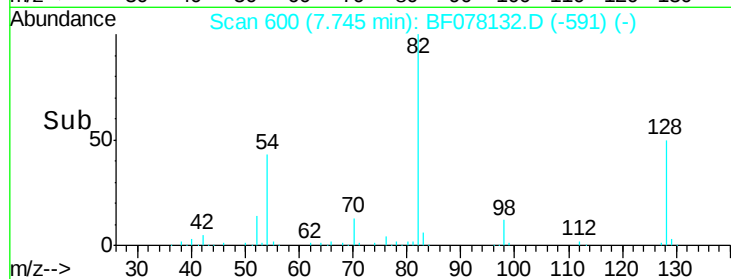
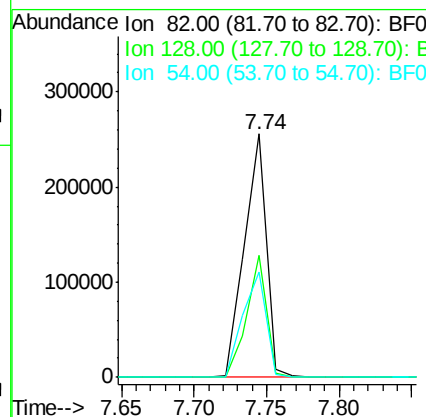
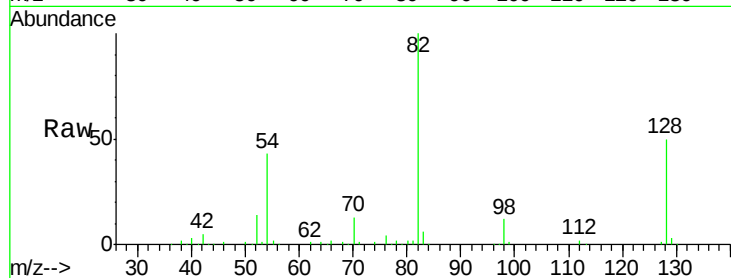




#23
 Nitrobenzene-d5
 Concen: 101.37 ng
 RT: 7.74 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF078132.D
 Acq: 1 Apr 2015 1:41

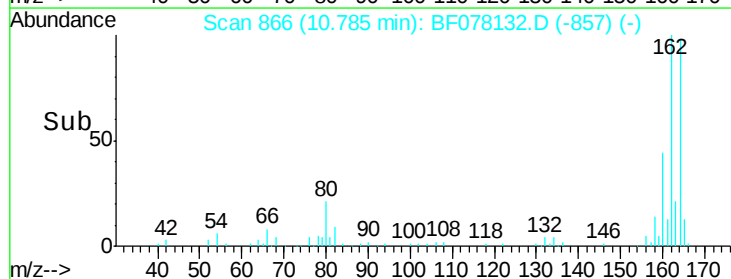
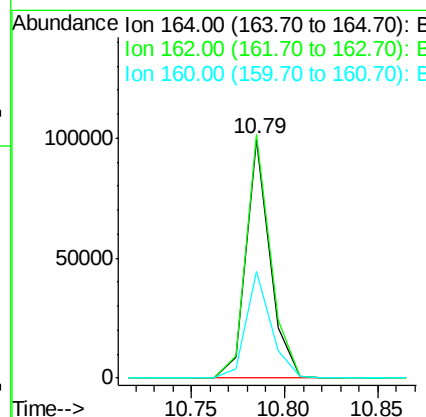
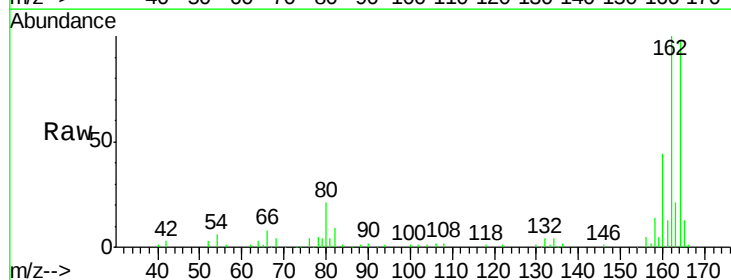
Instrument :
 BNA_F
 ClientSampleId :
 FB

Tgt Ion: 82 Resp: 269887
 Ion Ratio Lower Upper
 82 100
 128 50.0 32.8 49.2#
 54 43.5 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.79 min Scan# 866
 Delta R.T. 0.00 min
 Lab File: BF078132.D
 Acq: 1 Apr 2015 1:41

Tgt Ion: 164 Resp: 88867
 Ion Ratio Lower Upper
 164 100
 162 102.0 82.4 123.6
 160 44.9 35.8 53.6

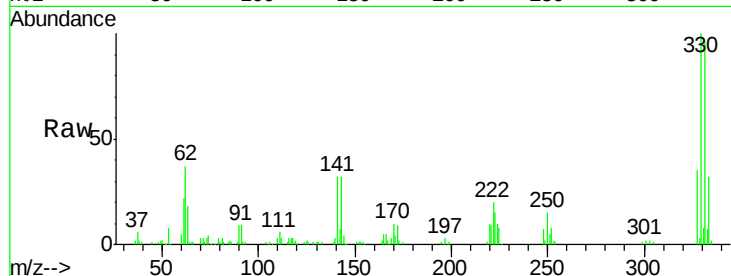




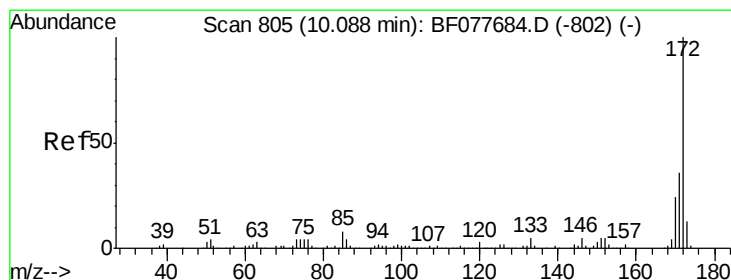
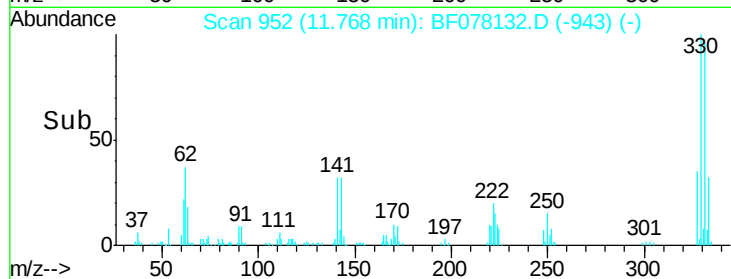
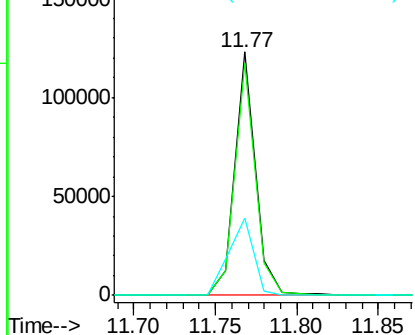
#41
 2,4,6-Tribromophenol
 Concen: 125.62 ng
 RT: 11.77 min Scan# 952
 Delta R.T. 0.00 min
 Lab File: BF078132.D
 Acq: 1 Apr 2015 1:41

Instrument :
 BNA_F
 ClientSampleId :
 FB

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	0.0	0.0#
141	38.7	0.0	0.0#

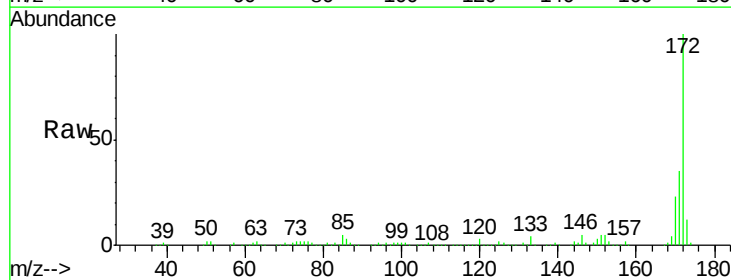


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

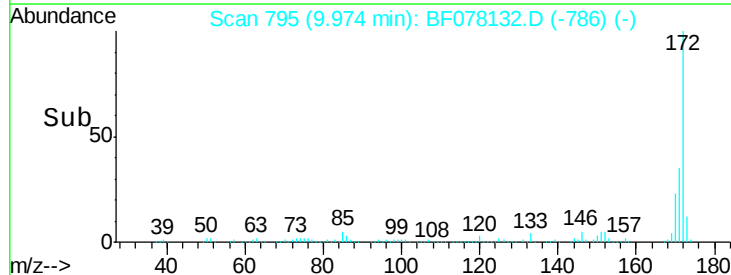
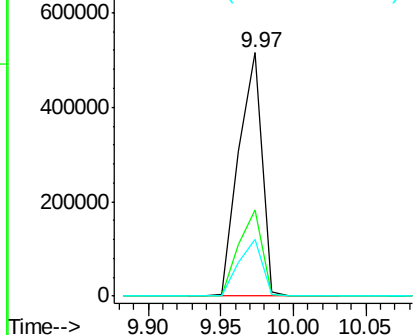


#44
 2-Fluorobiphenyl
 Concen: 95.27 ng
 RT: 9.97 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BF078132.D
 Acq: 1 Apr 2015 1:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.5	42.7
170	23.4	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

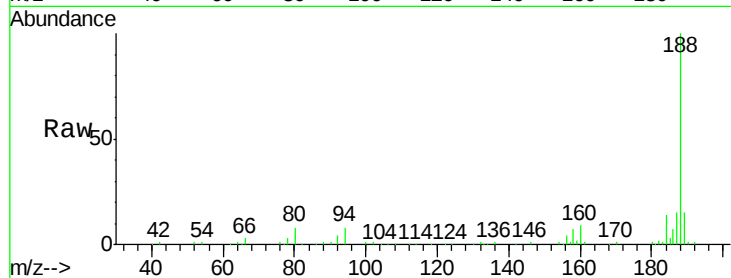




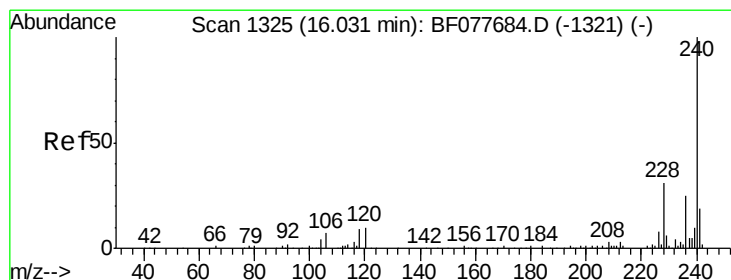
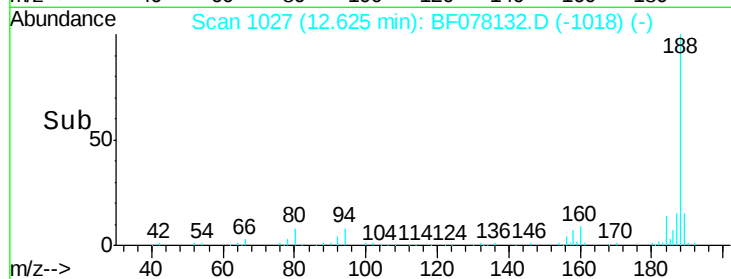
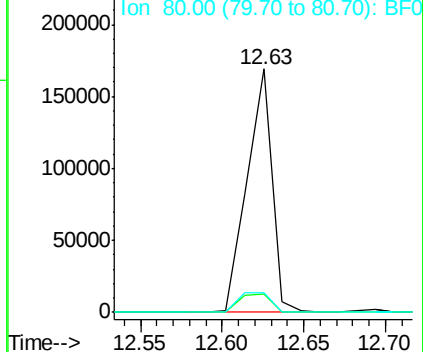
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.63 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF078132.D
Acq: 1 Apr 2015 1:41

Instrument :
BNA_F
ClientSampled :
FB

Tgt Ion:188 Resp: 179303
Ion Ratio Lower Upper
188 100
94 7.7 8.7 13.1#
80 7.9 9.3 13.9#

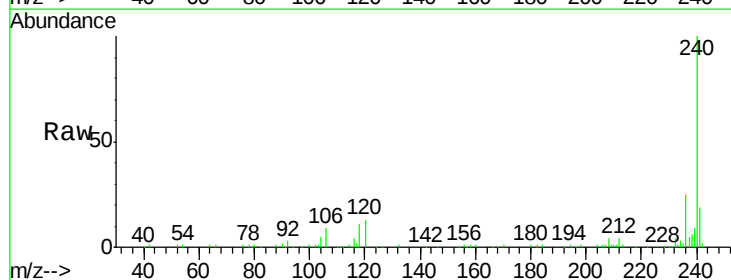


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

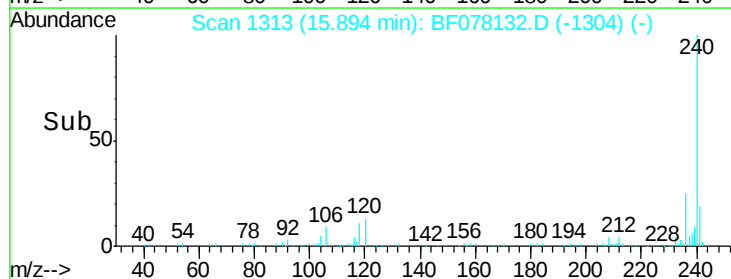
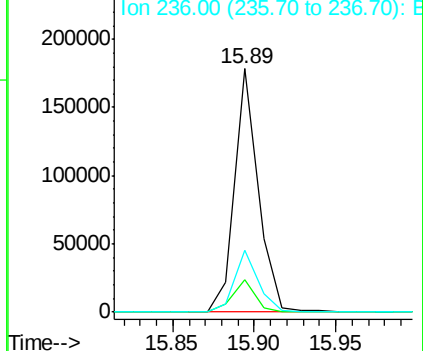


#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.89 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BF078132.D
Acq: 1 Apr 2015 1:41

Tgt Ion:240 Resp: 178470
Ion Ratio Lower Upper
240 100
120 13.1 8.2 12.2#
236 25.4 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

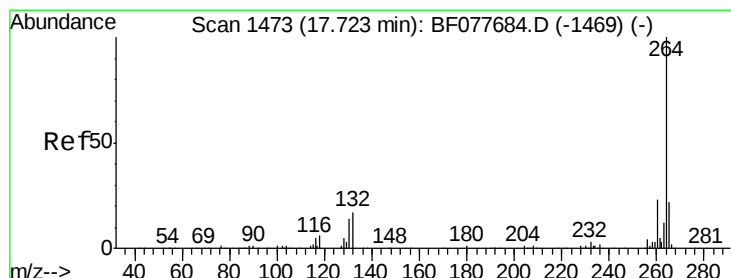
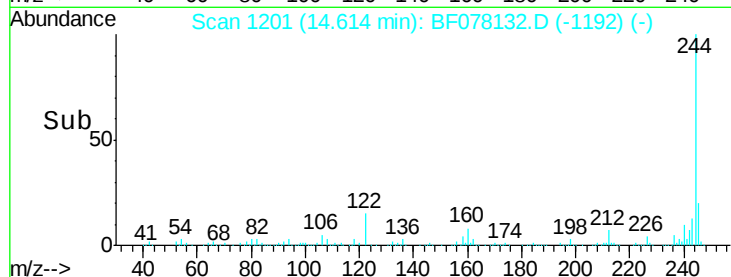
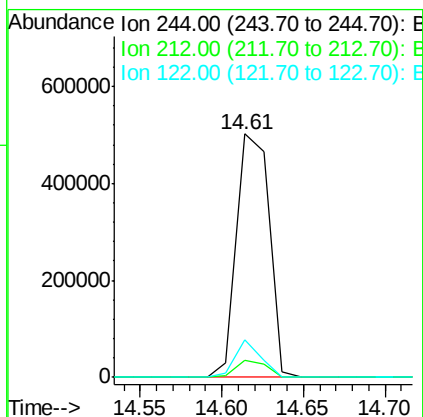
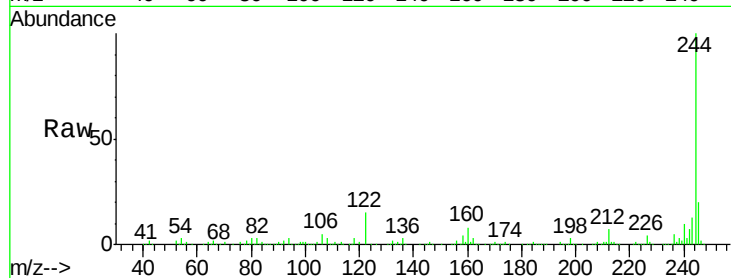




#78
 Terphenyl-d14
 Concen: 94.97 ng
 RT: 14.61 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF078132.D
 Acq: 1 Apr 2015 1:41

Instrument :
 BNA_F
 ClientSampleId :
 FB

Tgt Ion: 244 Resp: 693902
 Ion Ratio Lower Upper
 244 100
 212 7.2 4.9 7.3
 122 15.2 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: BF078132.D
 Acq: 1 Apr 2015 1:41

Tgt Ion: 264 Resp: 159122
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 27.8
 265 20.5 17.3 25.9

