

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032715\
 Data File : BF078062.D
 Acq On : 28 Mar 2015 5:31
 Operator : TP/IZ
 Sample : G1667-23
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-03252015

Quant Time: Mar 28 05:45:59 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 28 05:39:24 2015
 Response via : Initial Calibration

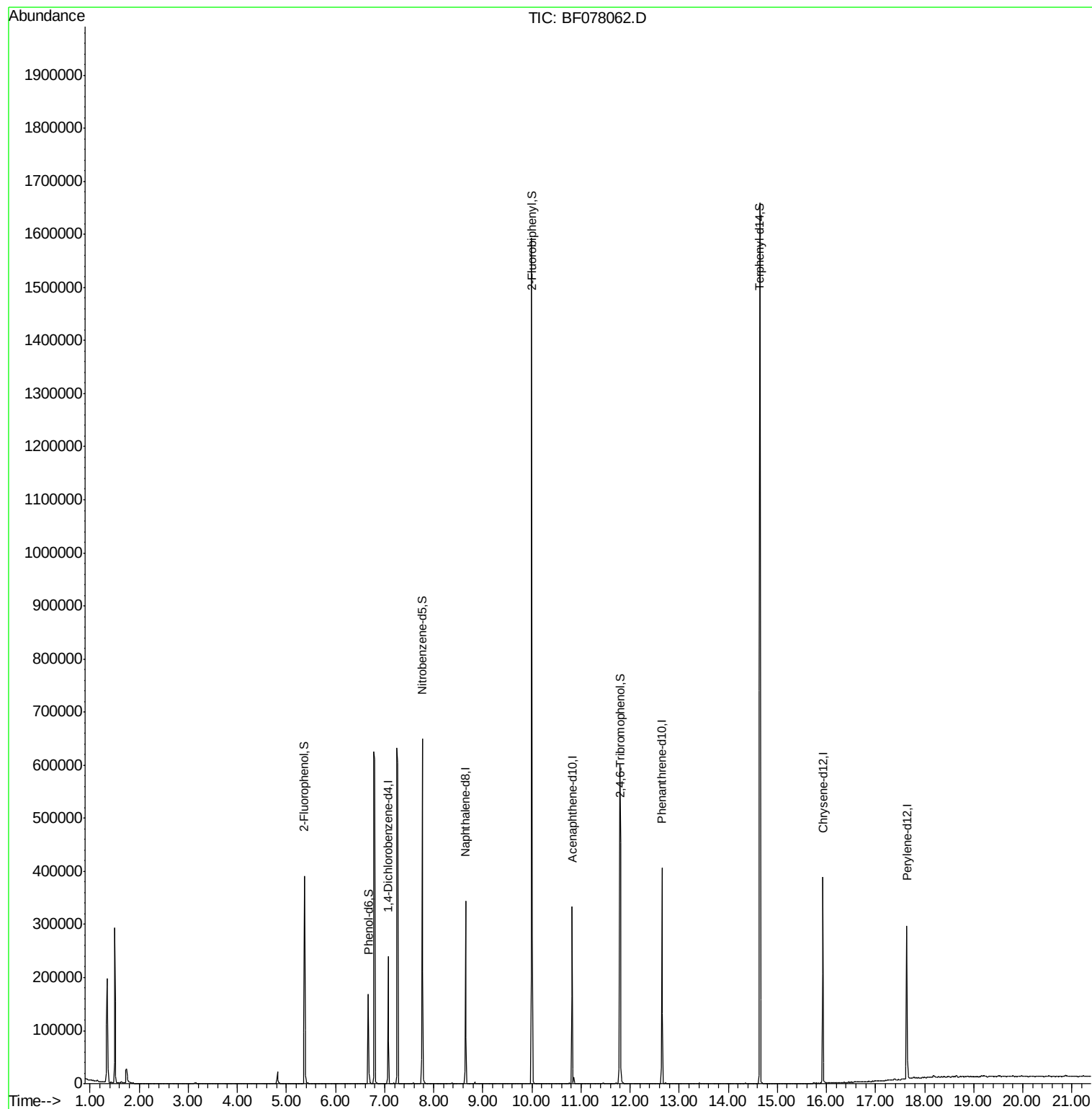
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.07	152	40505	20.00	ng	0.00
21) Naphthalene-d8	8.65	136	163675	20.00	ng	0.00
38) Acenaphthene-d10	10.82	164	80989	20.00	ng	0.00
63) Phenanthrene-d10	12.65	188	166740	20.00	ng	-0.01
75) Chrysene-d12	15.93	240	172321	20.00	ng	0.00
86) Perylene-d12	17.64	264	165507	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	132285	57.01	ng	0.00
7) Phenol-d6	6.67	99	96920	33.81	ng	0.00
23) Nitrobenzene-d5	7.77	82	224648	89.97	ng	-0.01
41) 2,4,6-Tribromophenol	11.80	330	99096	127.88	ng	0.00
44) 2-Fluorobiphenyl	10.00	172	508902	92.34	ng	0.00
78) Terphenyl-d14	14.65	244	634915	90.00	ng	0.00
Target Compounds						
76) Benzidine	14.35	184	1699	Below Cal	Qvalue #	68

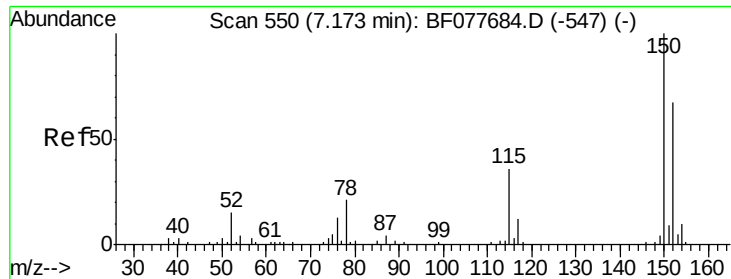
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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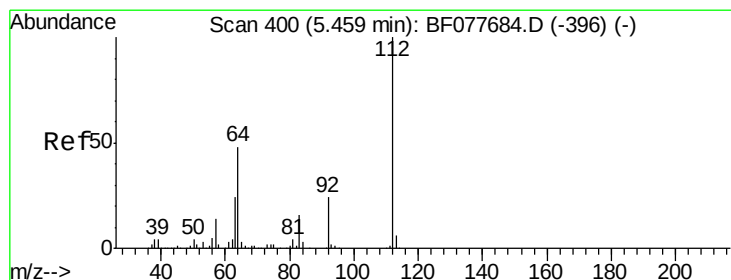
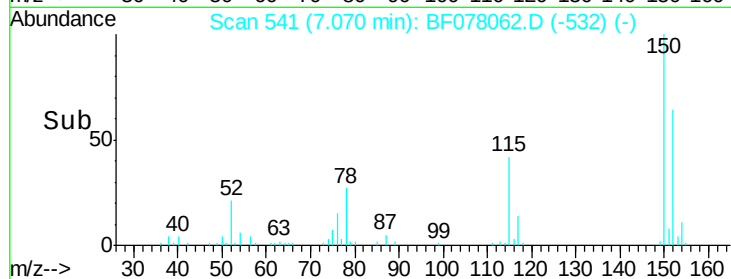
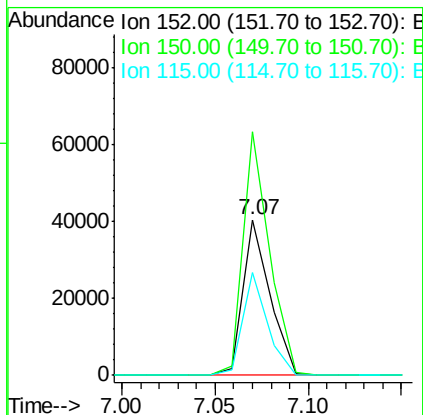
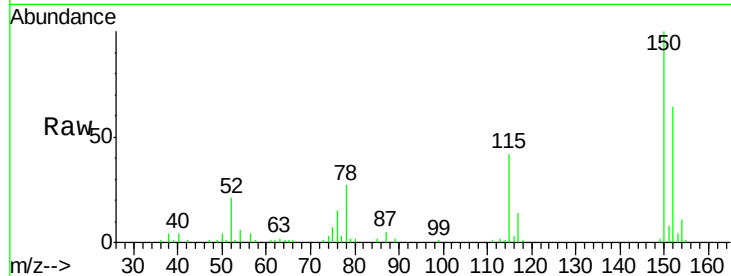


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.07 min Scan# 541
Delta R.T. -0.00 min
Lab File: BF078062.D
Acq: 28 Mar 2015 5:31

Instrument :
BNA_F
ClientSampleId :
FB-03252015

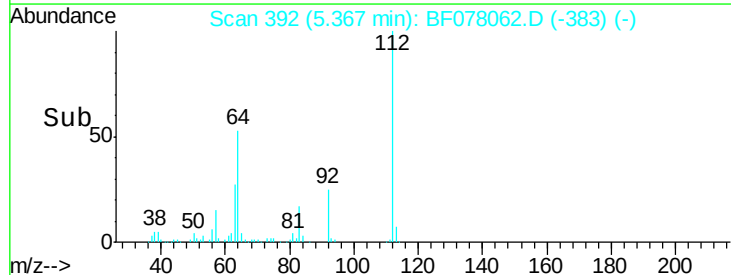
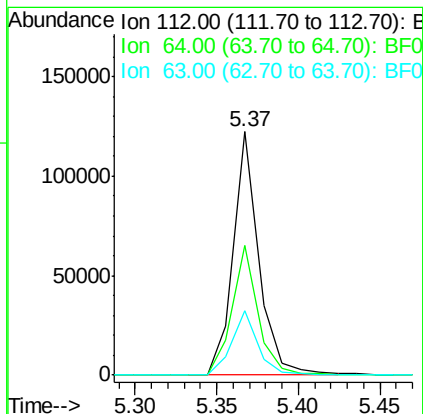
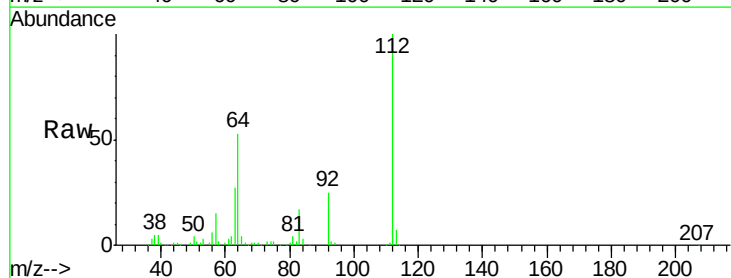
Tgt Ion:152 Resp: 40505
Ion Ratio Lower Upper
152 100
150 156.7 119.5 179.3
115 66.3 43.0 64.4#

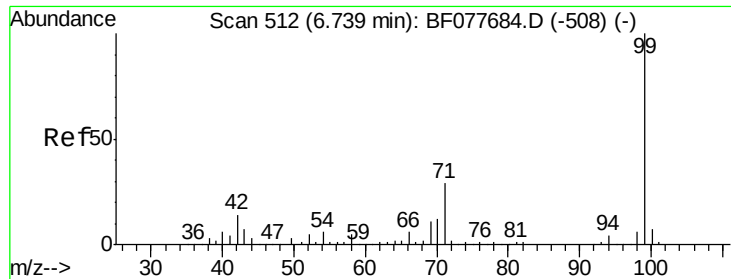


#5

2-Fluorophenol
Concen: 57.01 ng
RT: 5.37 min Scan# 392
Delta R.T. -0.00 min
Lab File: BF078062.D
Acq: 28 Mar 2015 5:31

Tgt Ion:112 Resp: 132285
Ion Ratio Lower Upper
112 100
64 53.1 38.6 57.8
63 26.7 19.3 28.9





#7

Phenol-d6

Concen: 33.81 ng

RT: 6.67 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF078062.D

Acq: 28 Mar 2015 5:31

Instrument :

BNA_F

ClientSampleId :

FB-03252015

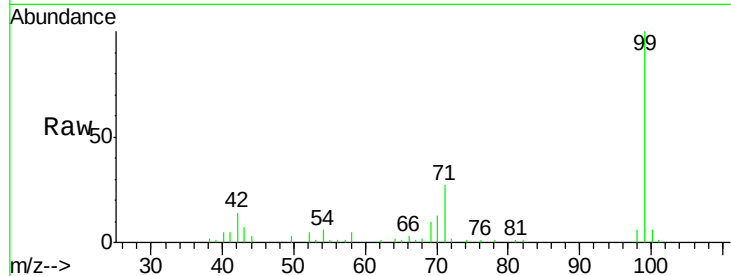
Tgt Ion: 99 Resp: 96920

Ion Ratio Lower Upper

99 100

42 13.6 11.0 16.4

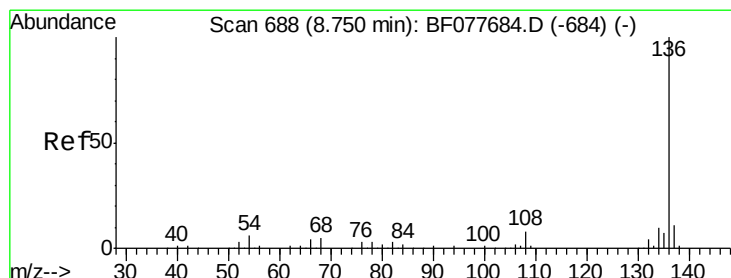
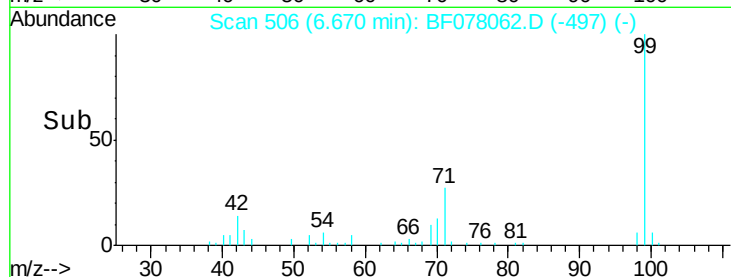
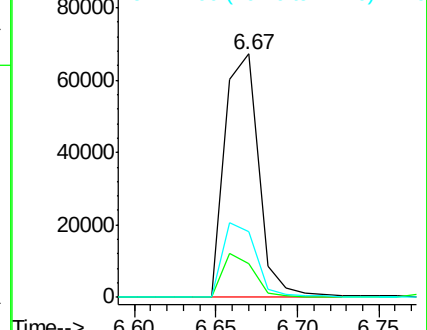
71 26.7 23.4 35.2



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: 8.65 min Scan# 679

Delta R.T. -0.00 min

Lab File: BF078062.D

Acq: 28 Mar 2015 5:31

Tgt Ion: 136 Resp: 163675

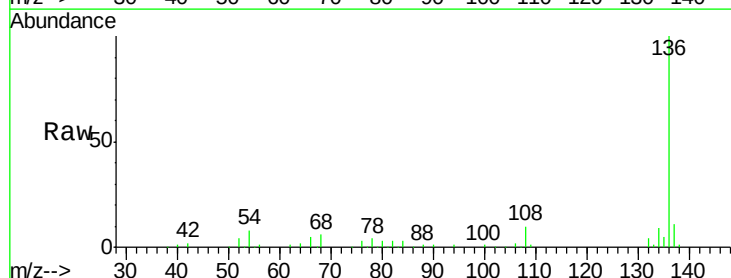
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 7.6 4.6 6.8#

68 5.9 3.7 5.5#

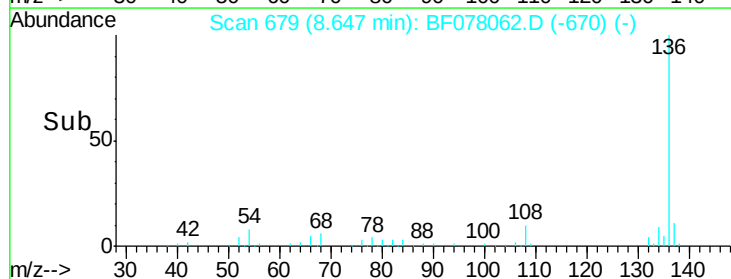
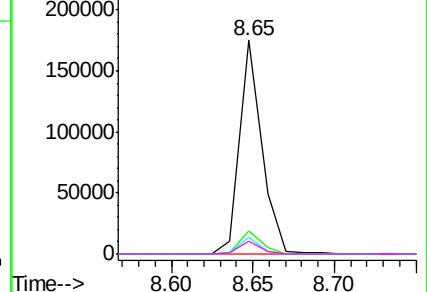


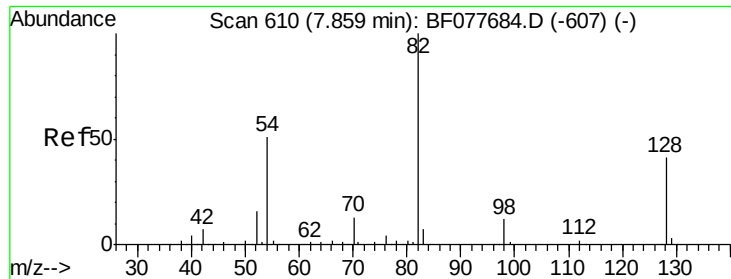
Abundance Ion 136.00 (135.70 to 136.70): E

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

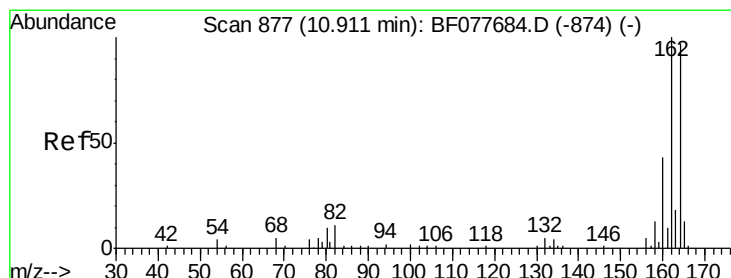
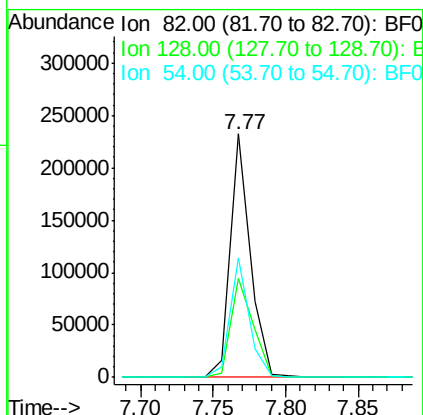
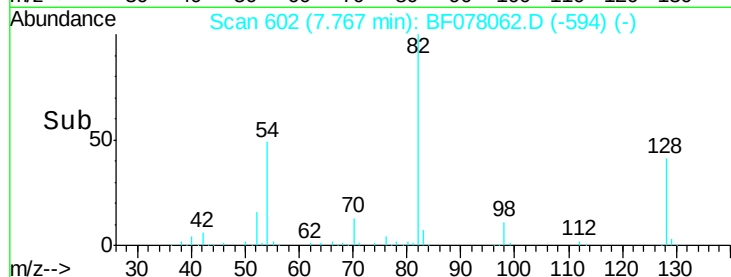
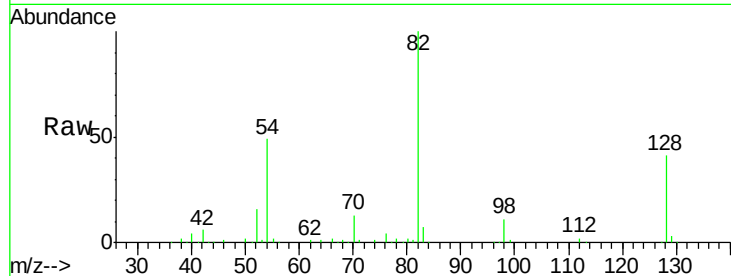




#23
 Nitrobenzene-d5
 Concen: 89.97 ng
 RT: 7.77 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF078062.D
 Acq: 28 Mar 2015 5:31

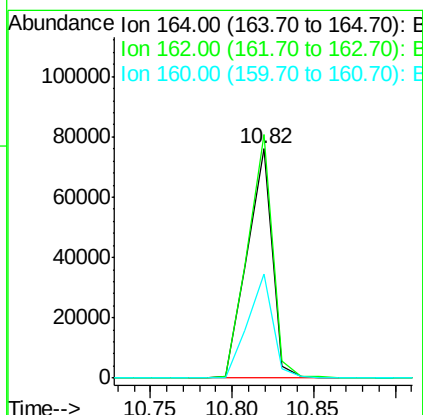
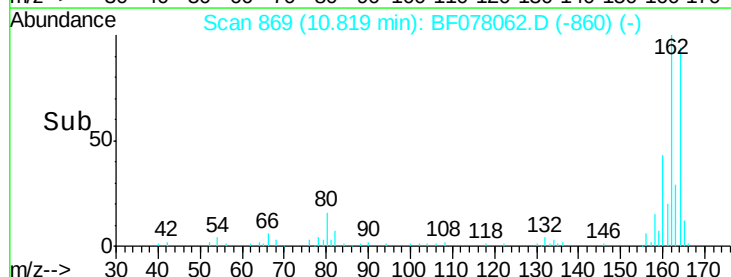
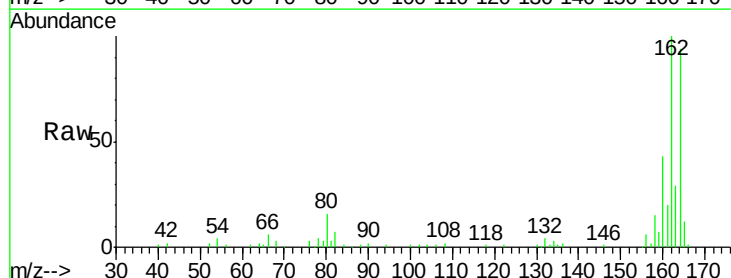
Instrument :
 BNA_F
 ClientSampleId :
 FB-03252015

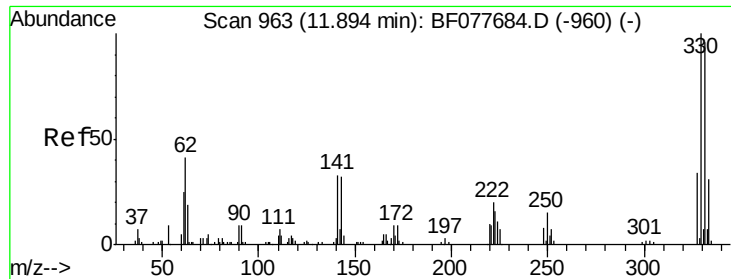
Tgt Ion: 82 Resp: 224648
 Ion Ratio Lower Upper
 82 100
 128 40.7 32.8 49.2
 54 48.9 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.82 min Scan# 869
 Delta R.T. -0.00 min
 Lab File: BF078062.D
 Acq: 28 Mar 2015 5:31

Tgt Ion: 164 Resp: 80989
 Ion Ratio Lower Upper
 164 100
 162 106.3 82.4 123.6
 160 45.4 35.8 53.6

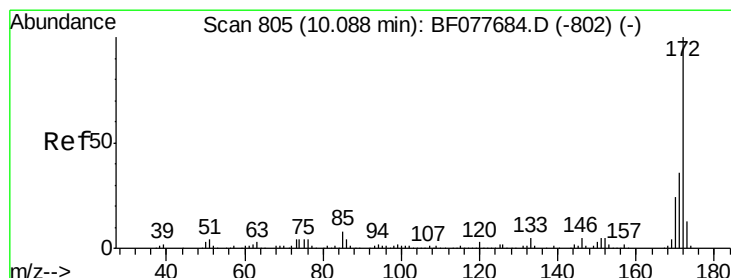
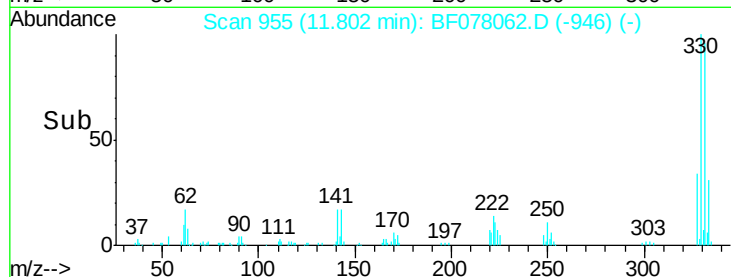
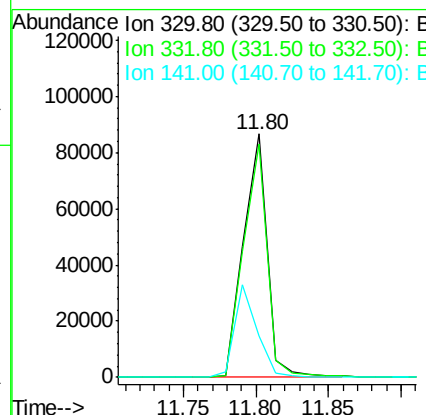
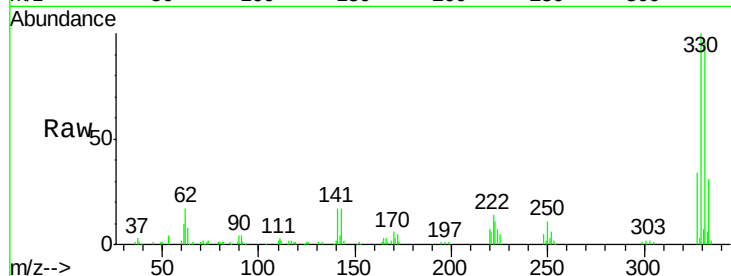




#41
 2,4,6-Tribromophenol
 Concen: 127.88 ng
 RT: 11.80 min Scan# 955
 Delta R.T. -0.00 min
 Lab File: BF078062.D
 Acq: 28 Mar 2015 5:31

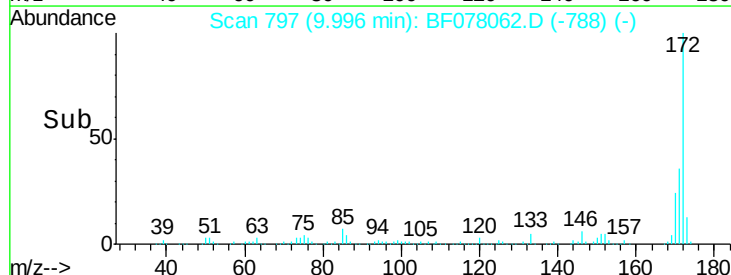
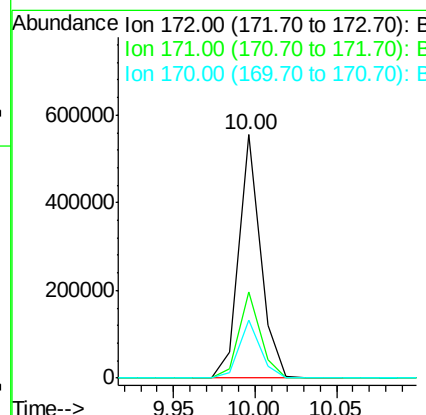
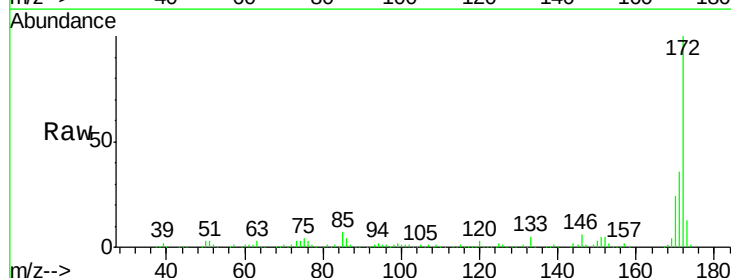
Instrument :
 BNA_F
 ClientSampleId :
 FB-03252015

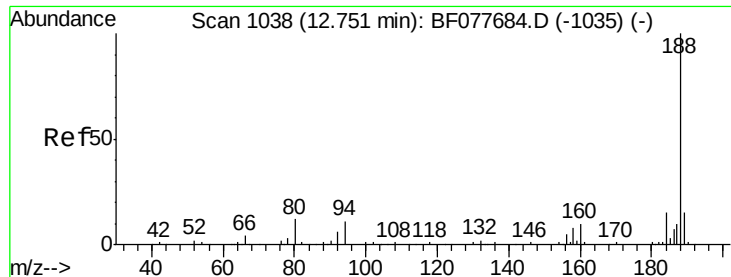
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	0.0	0.0#
141	36.0	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 92.34 ng
 RT: 10.00 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BF078062.D
 Acq: 28 Mar 2015 5:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.5	42.7
170	23.7	18.8	28.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.65 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF078062.D

Acq: 28 Mar 2015 5:31

Instrument :

BNA_F

ClientSampleId :

FB-03252015

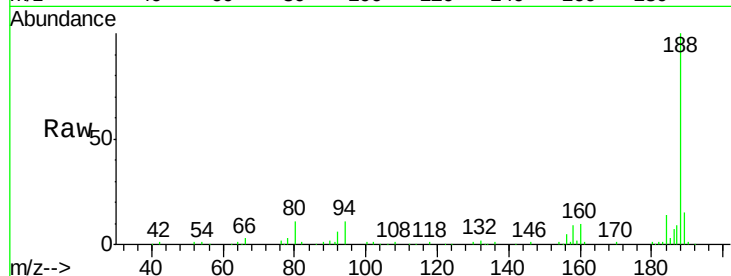
Tgt Ion:188 Resp: 166740

Ion Ratio Lower Upper

188 100

94 10.7 8.7 13.1

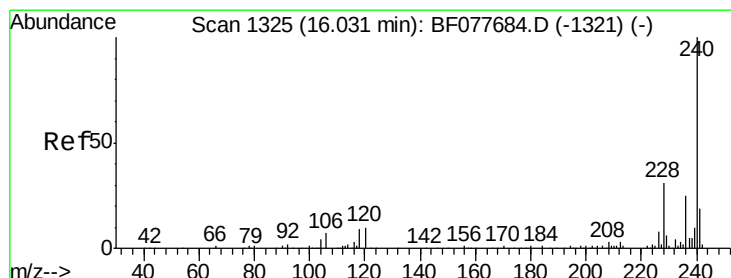
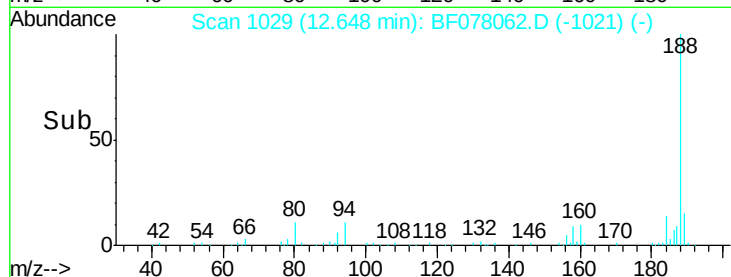
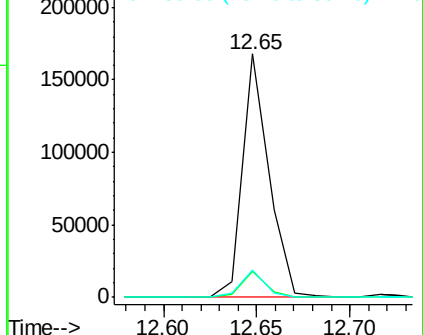
80 11.1 9.3 13.9



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: 15.93 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BF078062.D

Acq: 28 Mar 2015 5:31

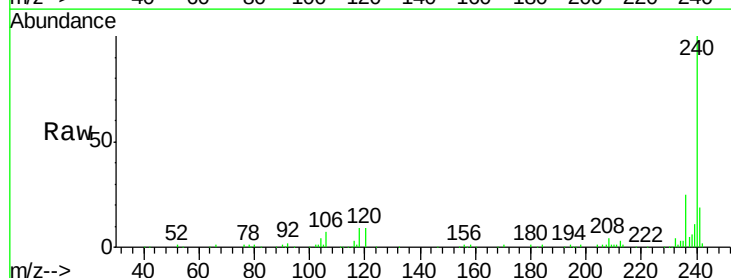
Tgt Ion:240 Resp: 172321

Ion Ratio Lower Upper

240 100

120 9.4 8.2 12.2

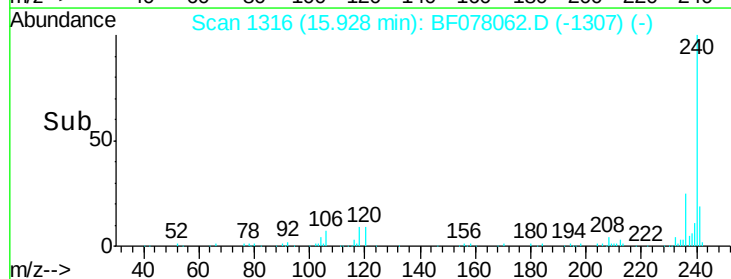
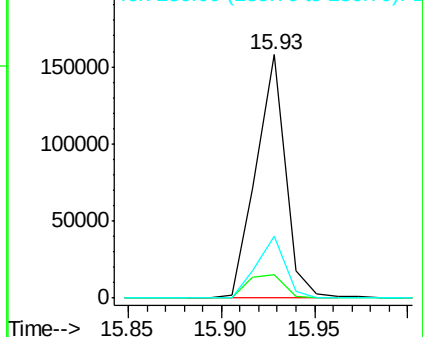
236 25.5 20.0 30.0

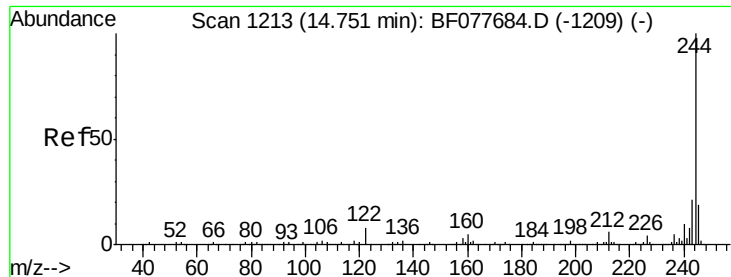


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

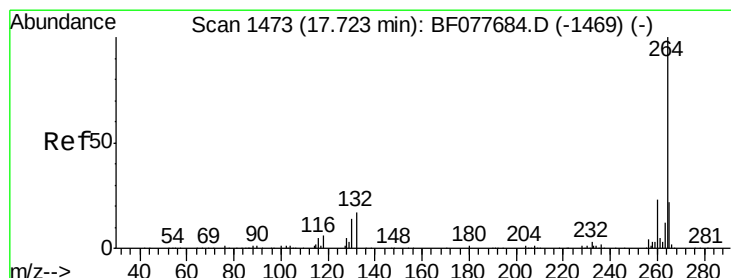
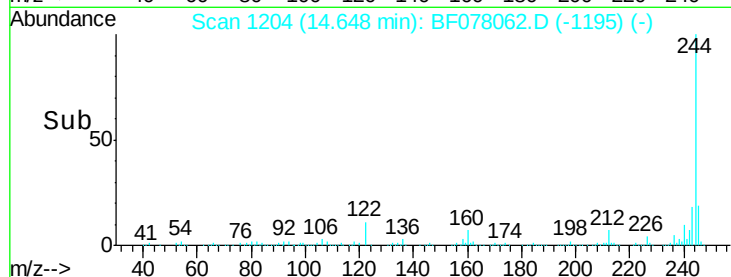
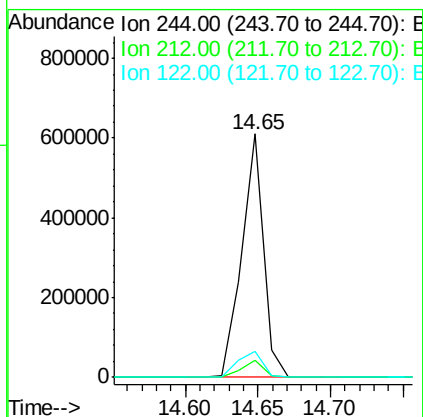
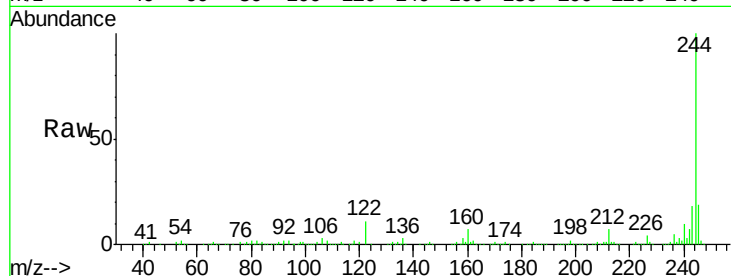




#78
 Terphenyl-d14
 Concen: 90.00 ng
 RT: 14.65 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF078062.D
 Acq: 28 Mar 2015 5:31

Instrument :
 BNA_F
 ClientSampleId :
 FB-03252015

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	4.9	7.3
122	10.8	6.2	9.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.64 min Scan# 1466
 Delta R.T. 0.02 min
 Lab File: BF078062.D
 Acq: 28 Mar 2015 5:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.6	27.8
265	20.9	17.3	25.9

