

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032715\
 Data File : BF078069.D
 Acq On : 28 Mar 2015 8:51
 Operator : TP/IZ
 Sample : G1667-22
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 REC-7-1-4(7.5-8.0)

Quant Time: Mar 30 01:37:51 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 30 00:50:20 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.07	152	38459	20.00	ng	0.00
21) Naphthalene-d8	8.65	136	158028	20.00	ng	0.00
38) Acenaphthene-d10	10.82	164	77843	20.00	ng	0.00
63) Phenanthrene-d10	12.65	188	151815	20.00	ng	0.00
75) Chrysene-d12	15.93	240	164710	20.00	ng	0.00
86) Perylene-d12	17.68	264	164905	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	155525	70.59	ng	0.00
7) Phenol-d6	6.66	99	200872	73.79	ng	-0.01
23) Nitrobenzene-d5	7.77	82	114085	47.32	ng	-0.01
41) 2,4,6-Tribromophenol	11.80	330	44381	59.59	ng	0.00
44) 2-Fluorobiphenyl	10.00	172	259536	49.00	ng	0.00
78) Terphenyl-d14	14.65	244	310028	45.98	ng	0.00

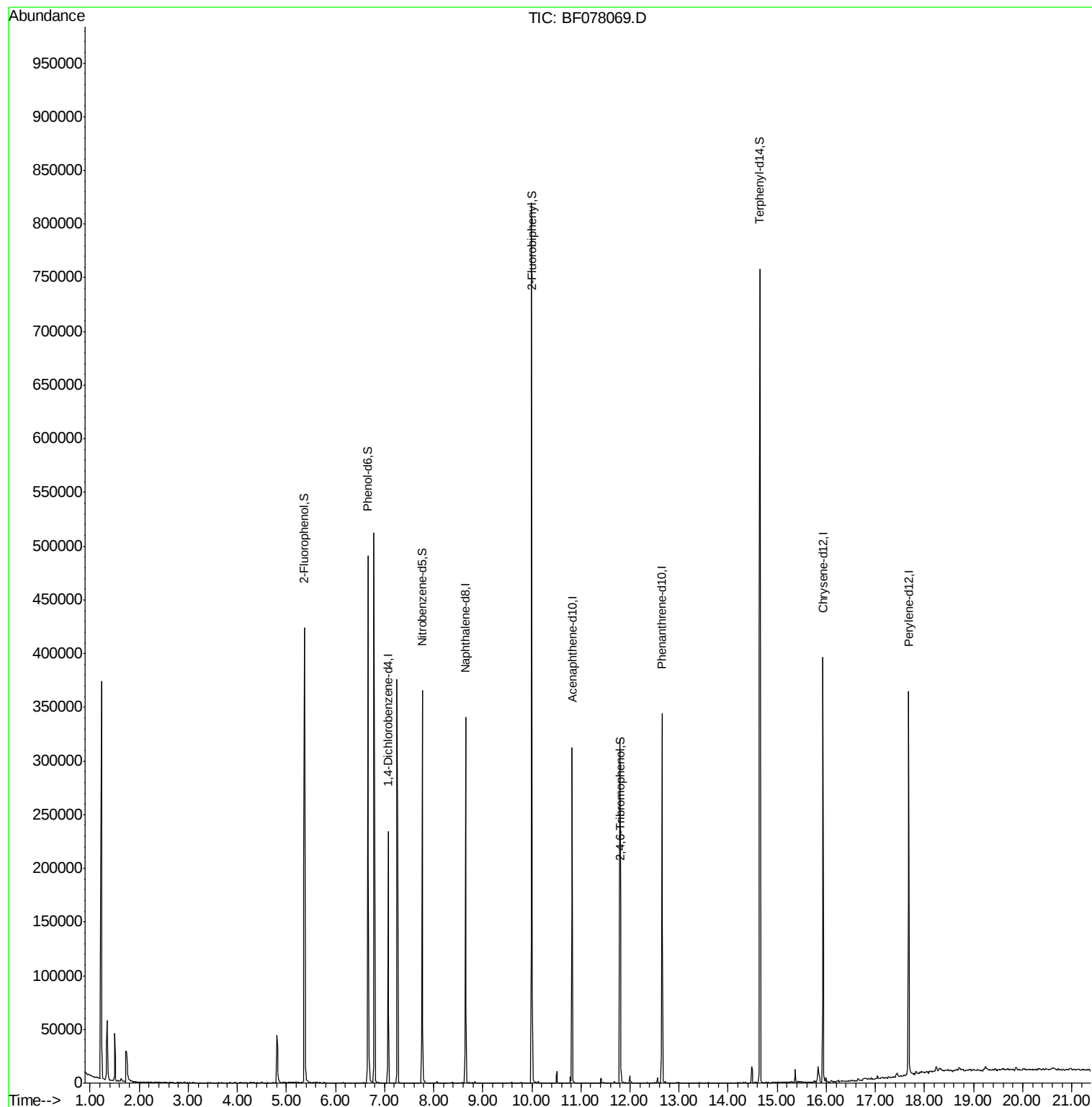
Target Compounds Qvalue

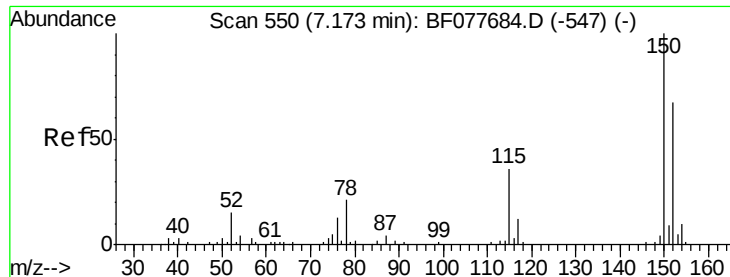
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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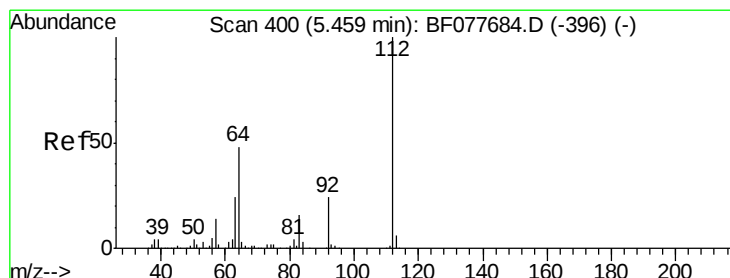
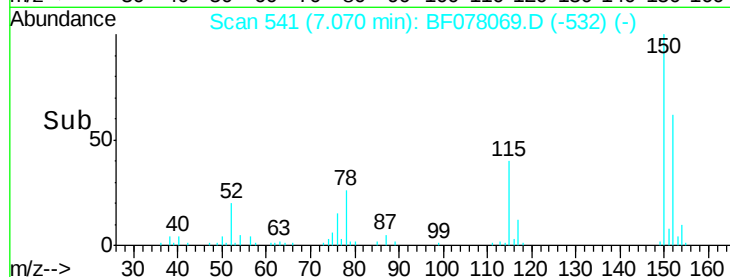
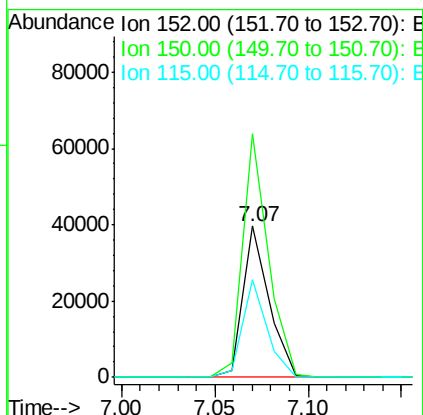
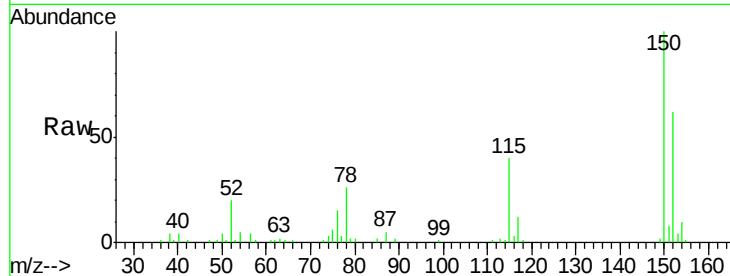


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.07 min Scan# 541
Delta R.T. -0.00 min
Lab File: BF078069.D
Acq: 28 Mar 2015 8:51

Instrument :
BNA_F
ClientSampleId :
REC-7-1-4(7.5-8.0)

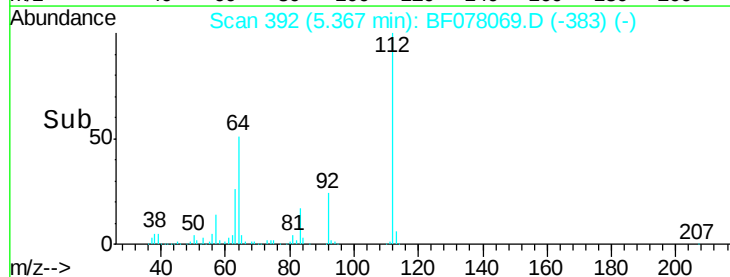
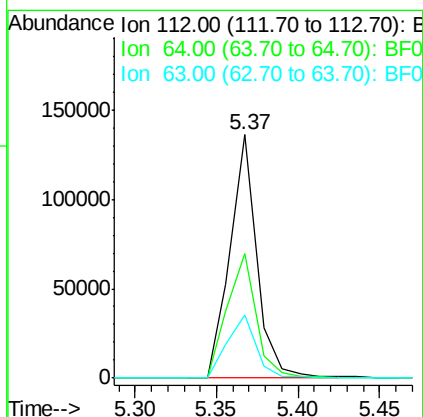
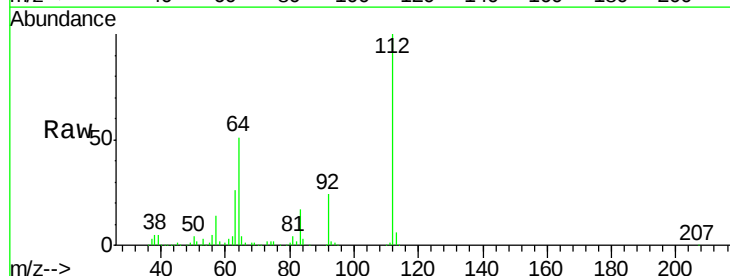
Tot Ion:152 Resp: 38459
Ion Ratio Lower Upper
152 100
150 161.2 119.5 179.3
115 64.8 43.0 64.4#



#5

2-Fluorophenol
Concen: 70.59 ng
RT: 5.37 min Scan# 392
Delta R.T. -0.00 min
Lab File: BF078069.D
Acq: 28 Mar 2015 8:51

Tgt Ion:112 Resp: 155525
Ion Ratio Lower Upper
112 100
64 51.1 38.6 57.8
63 25.9 19.3 28.9





#7

Phenol-d6

Concen: 73.79 ng

RT: 6.66 min Scan# 505

Delta R.T. -0.01 min

Lab File: BF078069.D

Acq: 28 Mar 2015 8:51

Instrument :

BNA_F

ClientSampleId :

REC-7-1-4(7.5-8.0)

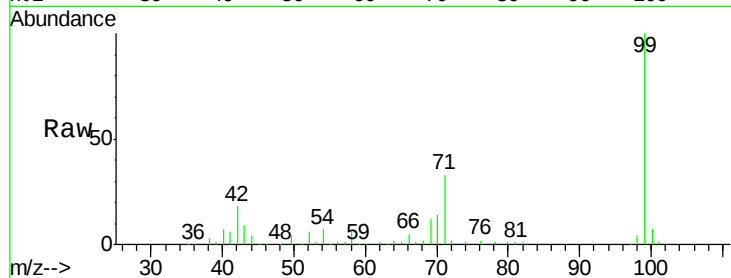
Tot Ion: 99 Resp: 200872

Ion Ratio Lower Upper

99 100

42 18.2 11.0 16.4#

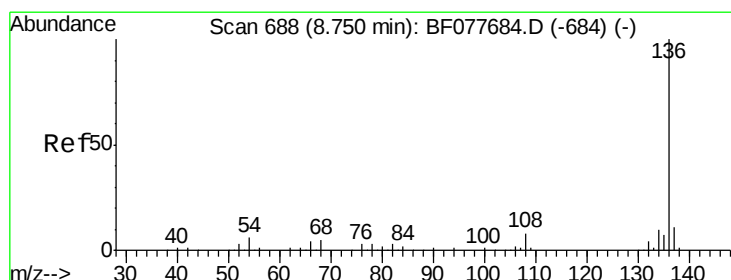
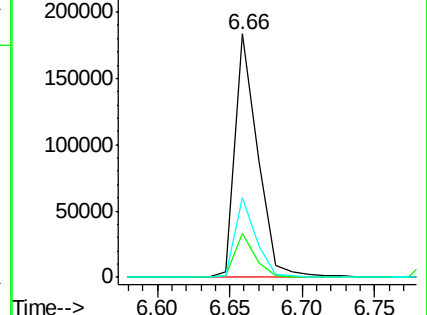
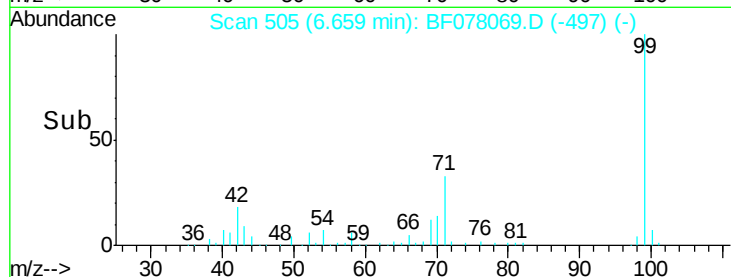
71 32.7 23.4 35.2



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: BF078069.D

Acq: 28 Mar 2015 8:51

Tgt Ion: 136 Resp: 158028

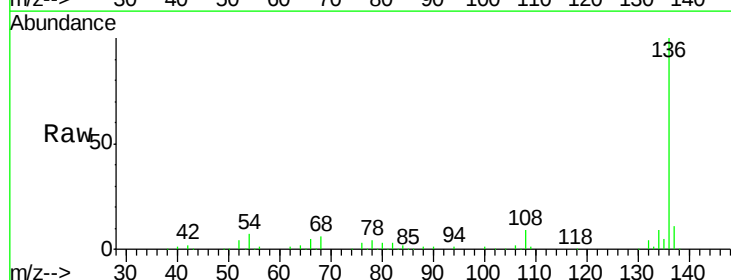
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 7.2 4.6 6.8#

68 5.9 3.7 5.5#

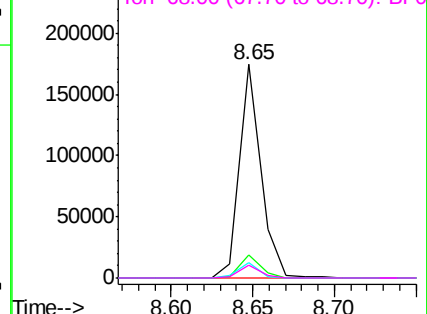
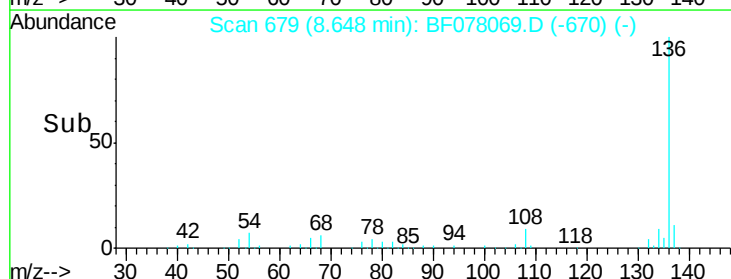


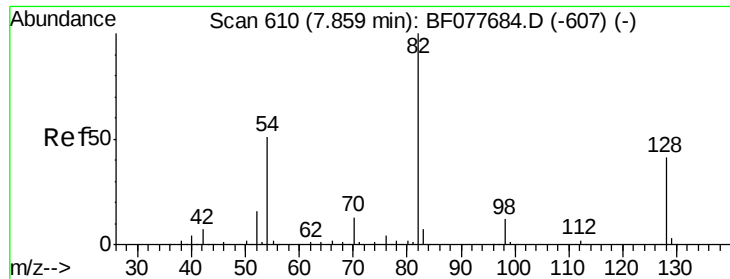
Abundance Ion 136.00 (135.70 to 136.70): E

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

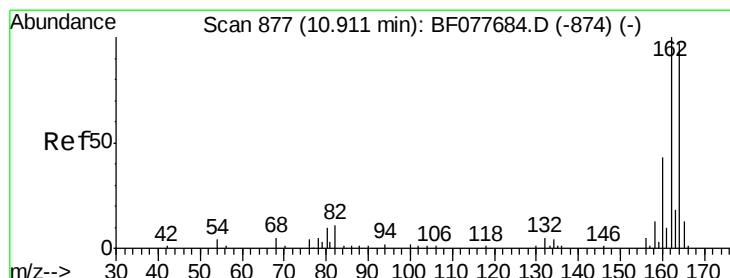
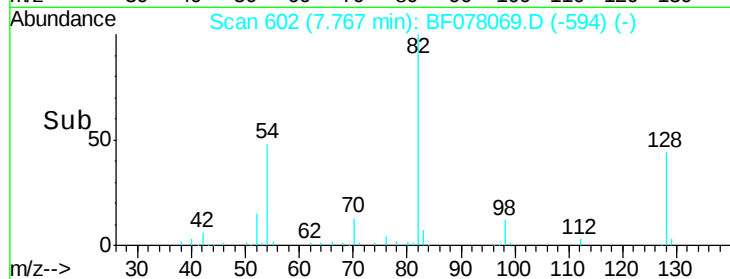
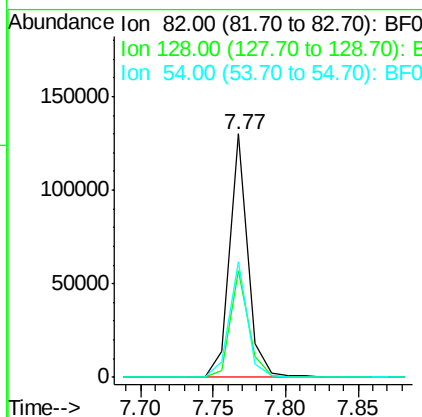
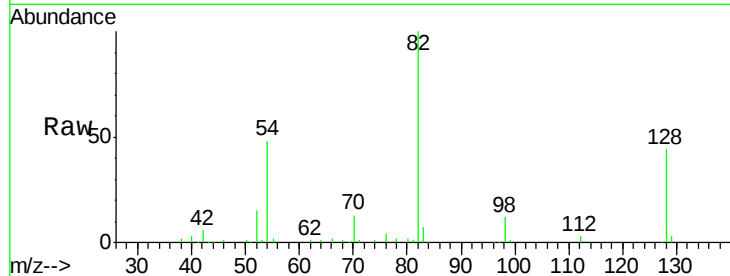




#23
 Nitrobenzene-d5
 Concen: 47.32 ng
 RT: 7.77 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF078069.D
 Acq: 28 Mar 2015 8:51

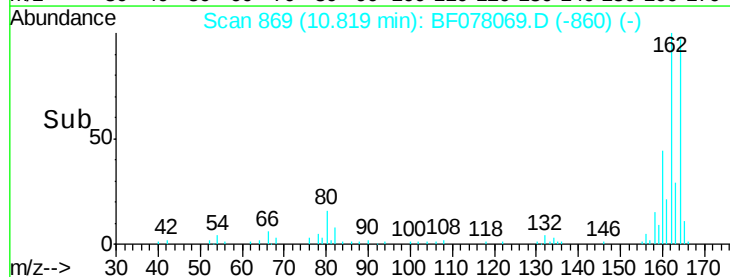
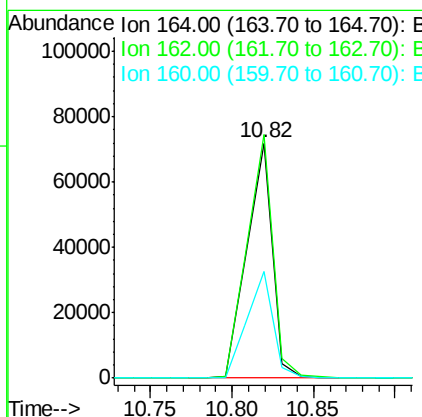
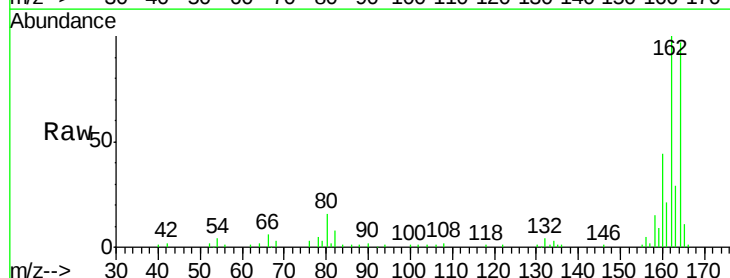
Instrument :
 BNA_F
 ClientSampleId :
 REC-7-1-4(7.5-8.0)

Tot Ion	82	Resp	114085
Ion Ratio	100	Lower	Upper
128	44.0	32.8	49.2
54	47.6	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: BF078069.D
 Acq: 28 Mar 2015 8:51

Tgt Ion	164	Resp	77843
Ion Ratio	100	Lower	Upper
162	103.6	82.4	123.6
160	45.6	35.8	53.6

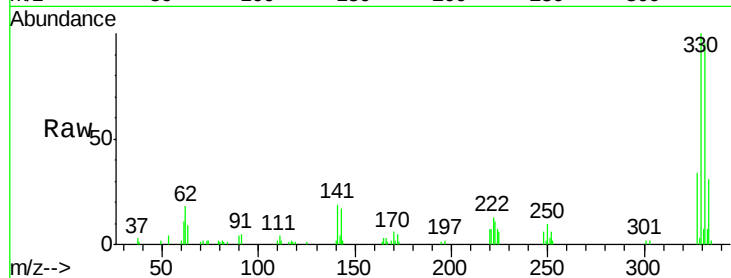




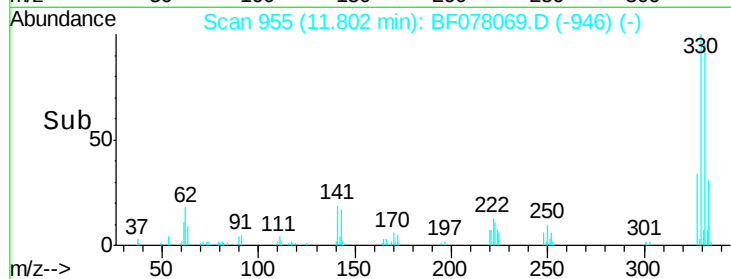
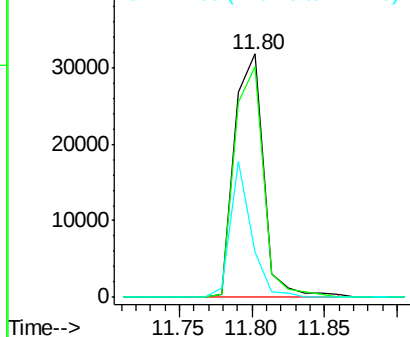
#41
 2,4,6-Tribromophenol
 Concen: 59.59 ng
 RT: 11.80 min Scan# 955
 Delta R.T. -0.00 min
 Lab File: BF078069.D
 Acq: 28 Mar 2015 8:51

Instrument :
 BNA_F
 ClientSampleId :
 REC-7-1-4(7.5-8.0)

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	0.0	0.0#
141	40.4	0.0	0.0#

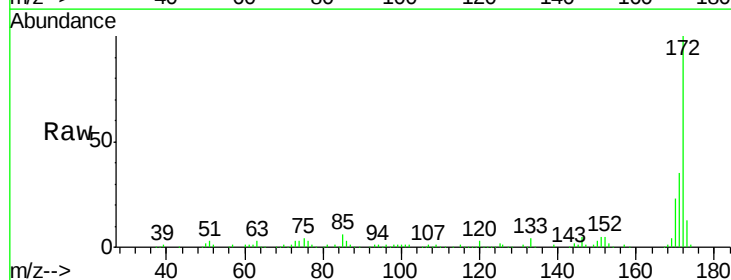


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

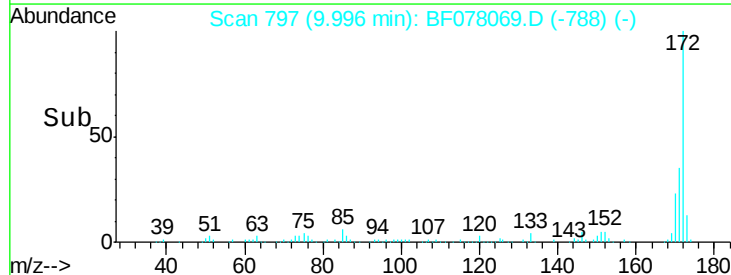
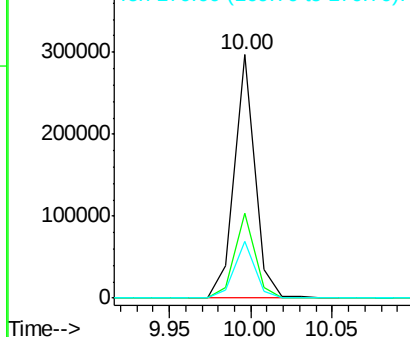


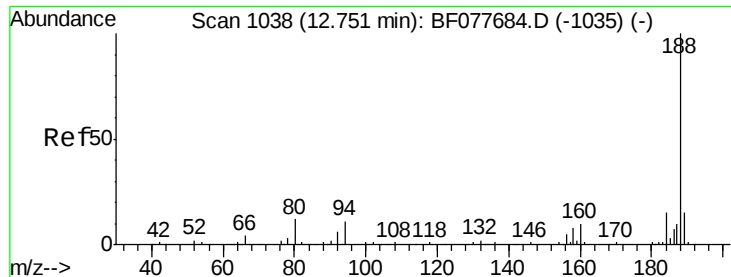
#44
 2-Fluorobiphenyl
 Concen: 49.00 ng
 RT: 10.00 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BF078069.D
 Acq: 28 Mar 2015 8:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.5	42.7
170	23.1	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

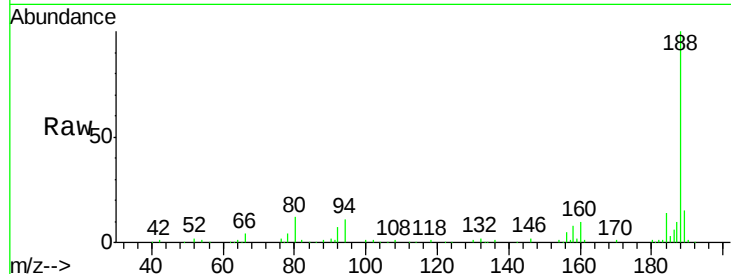




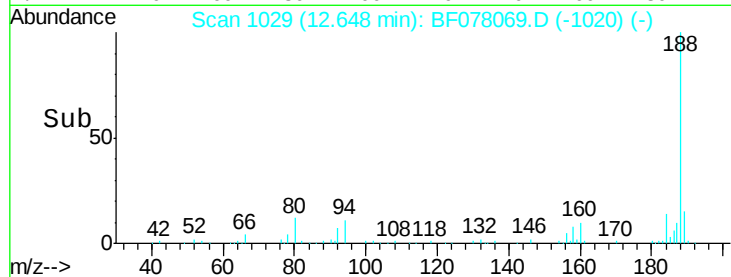
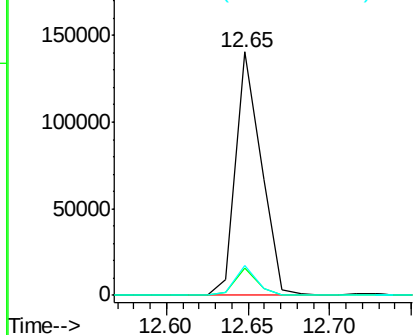
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.65 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF078069.D
Acq: 28 Mar 2015 8:51

Instrument :
BNA_F
ClientSampleId :
REC-7-1-4(7.5-8.0)

Tot Ion:188 Resp: 151815
Ion Ratio Lower Upper
188 100
94 11.3 8.7 13.1
80 12.4 9.3 13.9

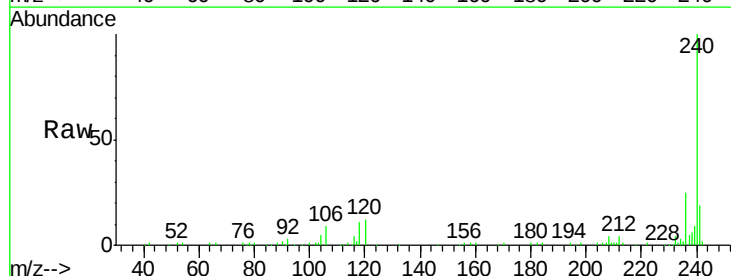


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

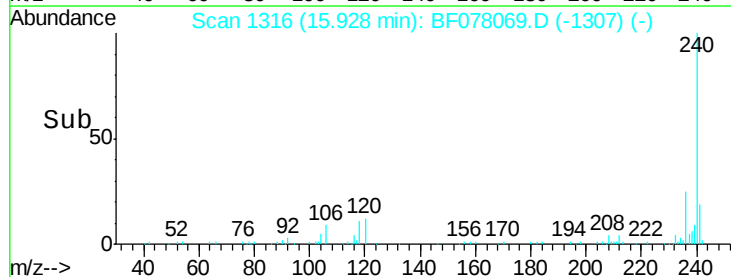
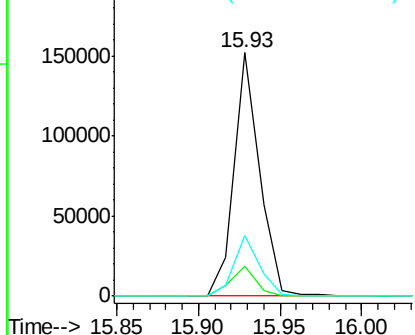


#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.93 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BF078069.D
Acq: 28 Mar 2015 8:51

Tgt Ion:240 Resp: 164710
Ion Ratio Lower Upper
240 100
120 12.0 8.2 12.2
236 25.0 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

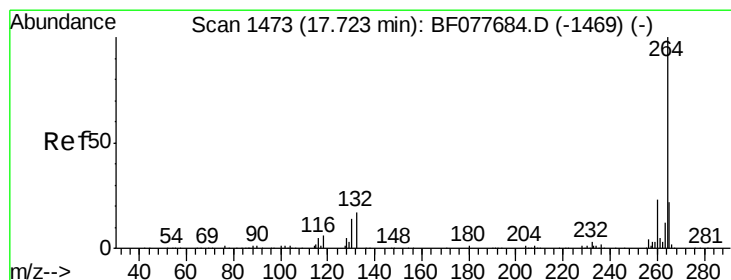
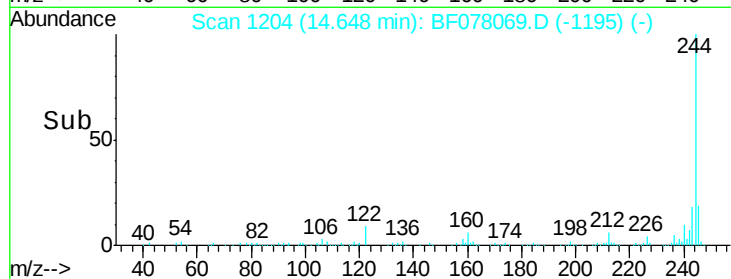
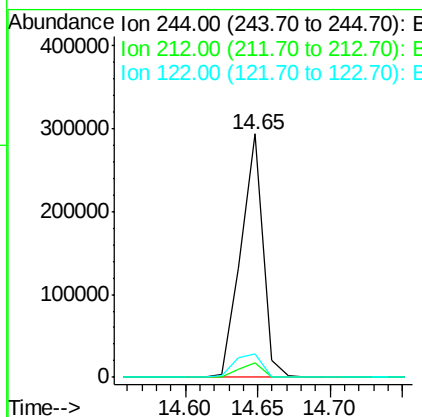
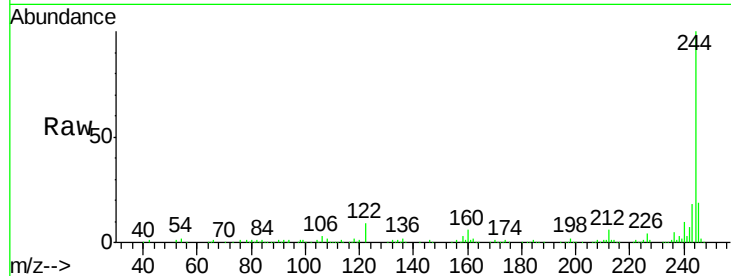




#78
 Terphenyl-d14
 Concen: 45.98 ng
 RT: 14.65 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF078069.D
 Acq: 28 Mar 2015 8:51

Instrument :
 BNA_F
 ClientSampleId :
 REC-7-1-4(7.5-8.0)

Tot Ion:244 Resp: 310028
 Ion Ratio Lower Upper
 244 100
 212 6.2 4.9 7.3
 122 9.4 6.2 9.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.68 min Scan# 1469
 Delta R.T. 0.05 min
 Lab File: BF078069.D
 Acq: 28 Mar 2015 8:51

Tgt Ion:264 Resp: 164905
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.6 27.8
 265 21.5 17.3 25.9

