

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080415\
 Data File : BF080859.D
 Acq On : 5 Aug 2015 1:59
 Operator : TP/UM
 Sample : G3173-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SVOC-GPC-BLANK

Quant Time: Aug 05 03:03:38 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 05 01:46:16 2015
 Response via : Initial Calibration

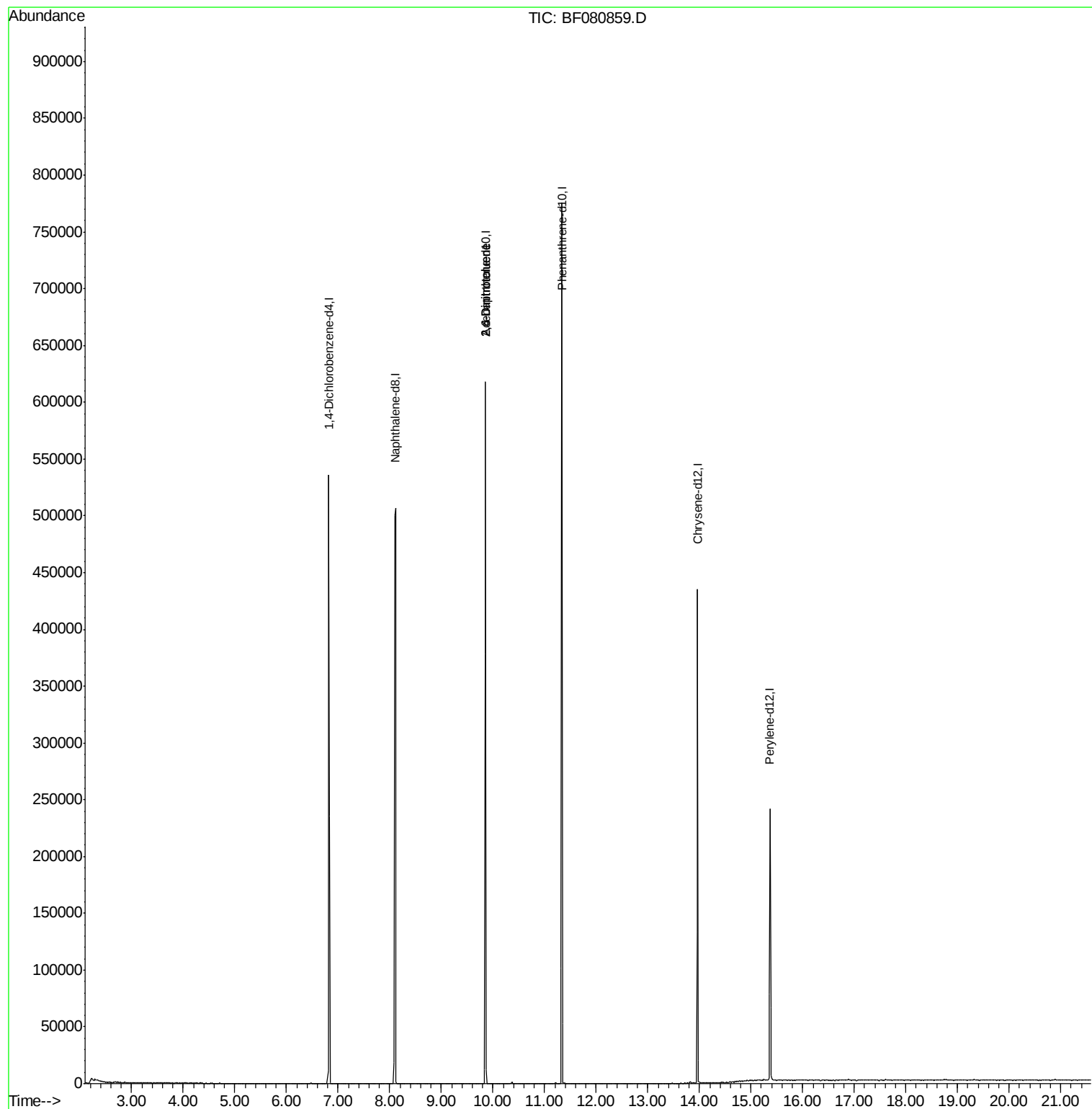
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	85819	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	334725	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	148685	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	257283	20.00	ng	0.00
75) Chrysene-d12	13.96	240	154834	20.00	ng	0.00
86) Perylene-d12	15.37	264	102481	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	0.00	82	0	0.00	ng	
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	0.00	172	0	0.00	ng	
78) Terphenyl-d14	0.00	244	0	0.00	ng	
Target Compounds						
50) 2,6-Dinitrotoluene	9.86	165	19201	8.47	ng	# 12
56) 2,4-Dinitrotoluene	9.86	165	19201	6.71	ng	# 14

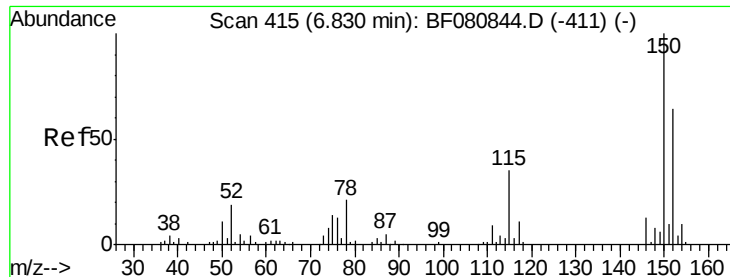
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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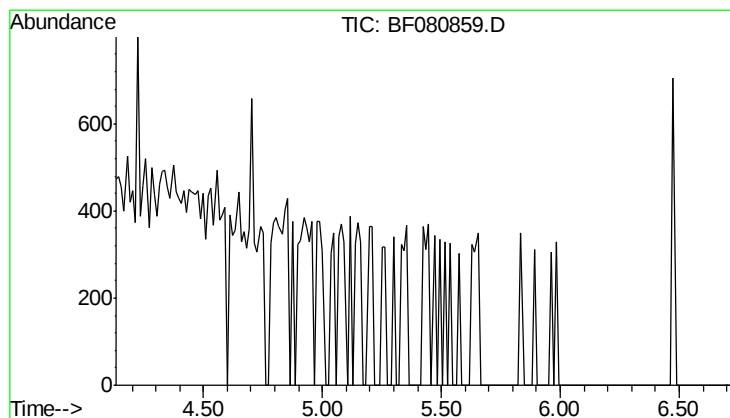
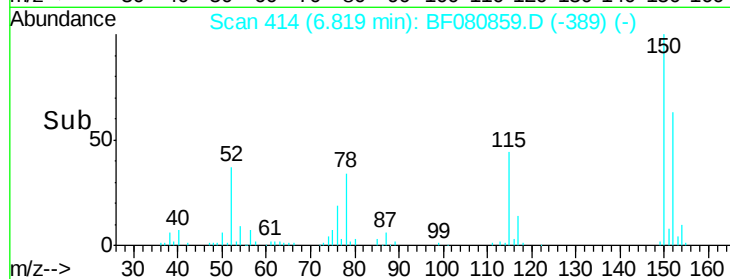
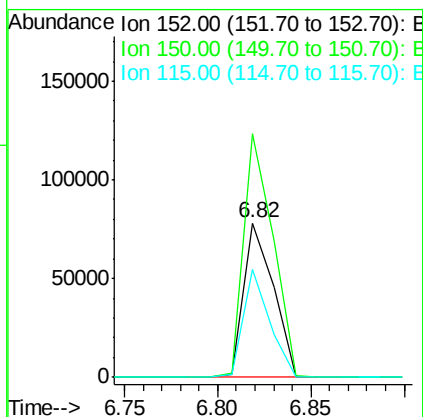
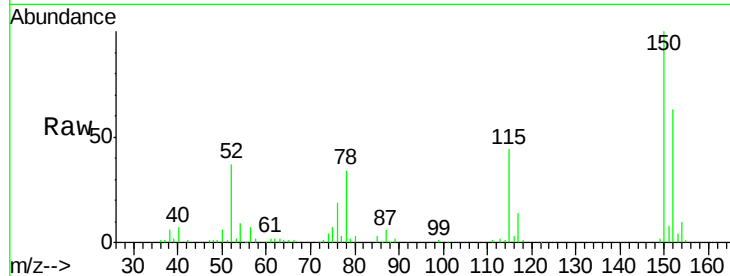


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.82 min Scan# 414
 Delta R.T. -0.01 min
 Lab File: BF080859.D
 Acq: 5 Aug 2015 1:59

Instrument :
 BNA_F
 ClientSampleId :
 SVOC-GPC-BLANK

Tot Ion:152 Resp: 85819
 Ion Ratio Lower Upper
 152 100
 150 157.7 124.6 187.0
 115 70.1 44.2 66.4#

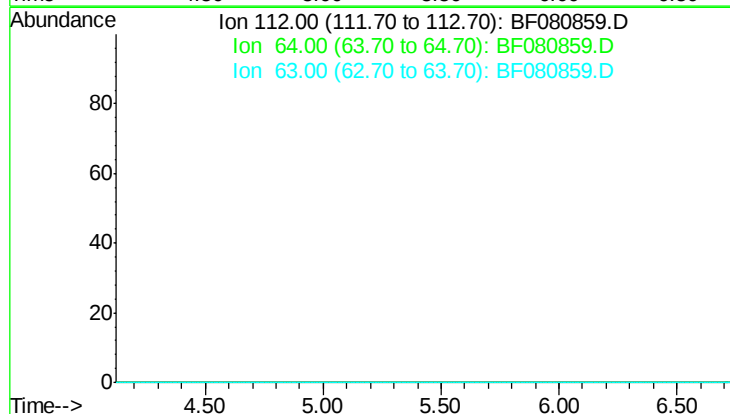


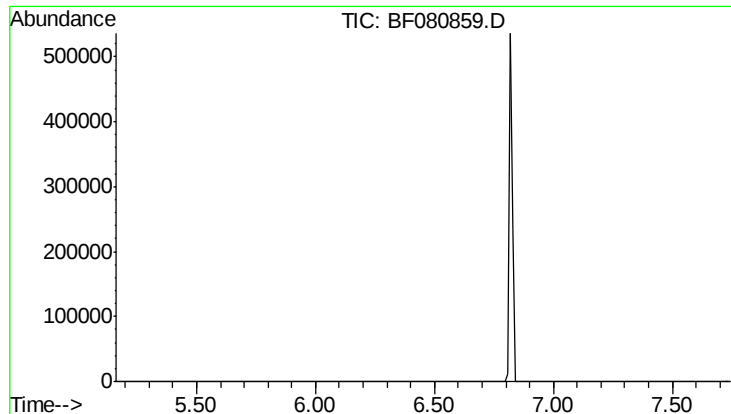
#5

2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.42 min

Lab File: BF080859.D
 Acq: 5 Aug 2015 1:59

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 61.9
 63 31.6





#7

Phenol-d6

Concen: 0.00 ng

Expected RT: 6.45 min

Lab File: BF080859.D

Acq: 5 Aug 2015 1:59

Instrument :

BNA_F

ClientSampleId :

SVOC-GPC-BLANK

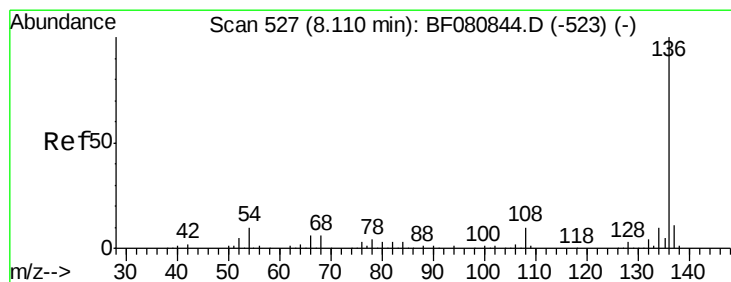
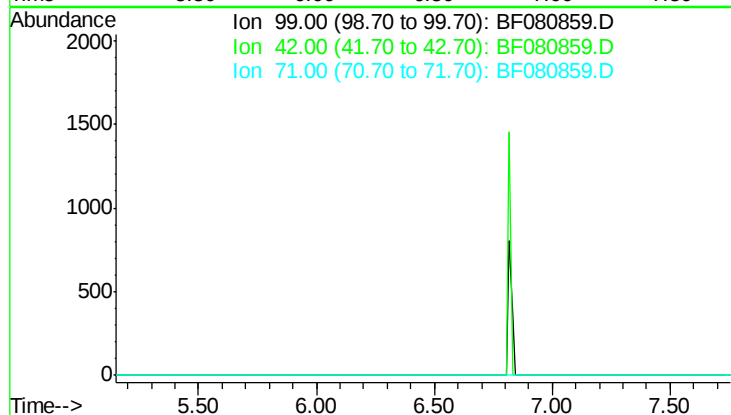
Tot Ion: 99

Sig Exp Ratio

99 100

42 22.4

71 35.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF080859.D

Acq: 5 Aug 2015 1:59

Tgt Ion: 136 Resp: 334725

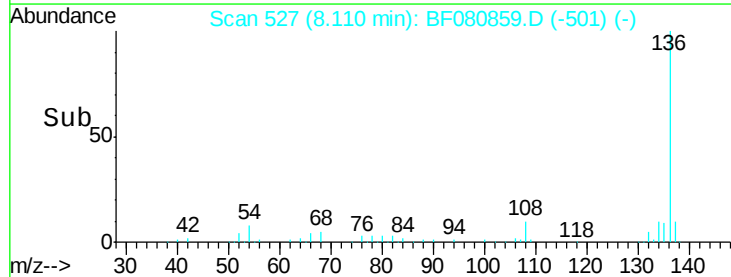
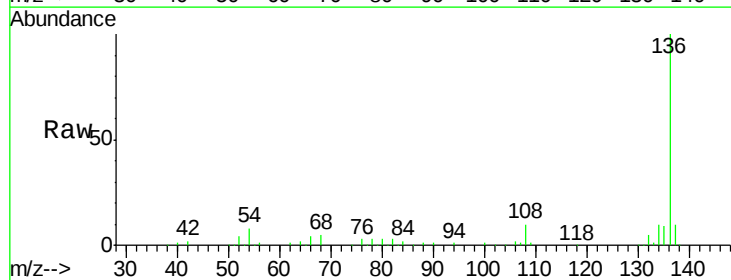
Ion Ratio Lower Upper

136 100

137 10.5 8.6 13.0

54 7.8 8.3 12.5#

68 4.8 4.8 7.2#

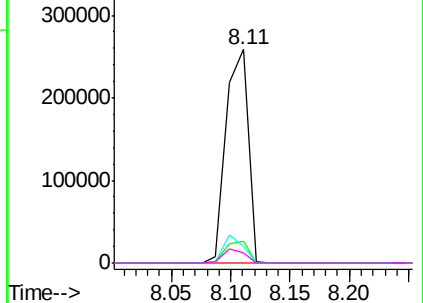


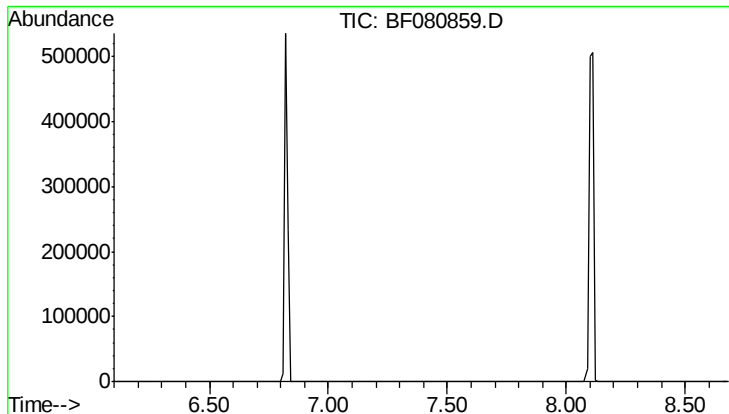
Abundance Ion 136.00 (135.70 to 136.70): E

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

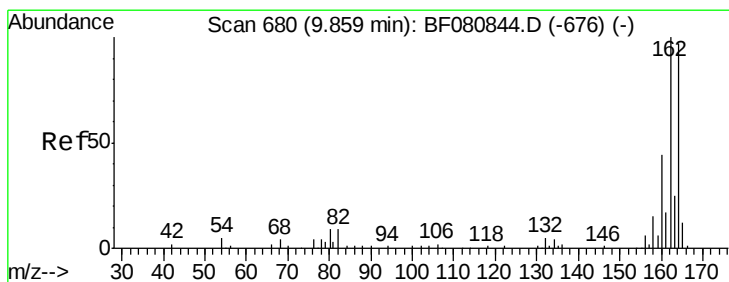
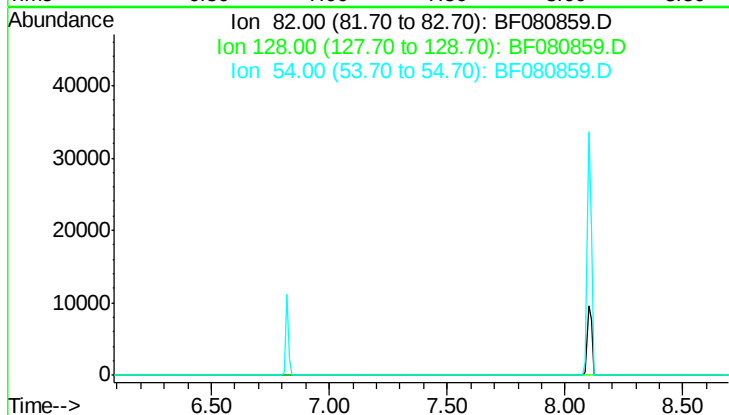




#23
 Nitrobenzene-d5
 Concen: 0.00 ng
 Expected RT: 7.39 min
 Lab File: BF080859.D
 Acq: 5 Aug 2015 1:59

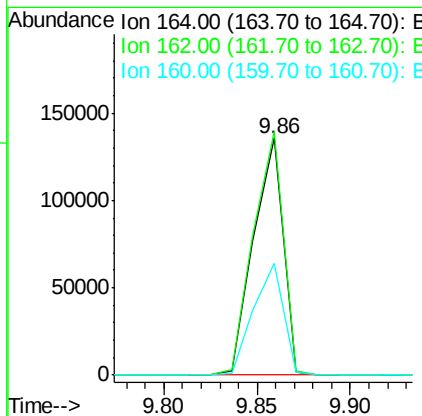
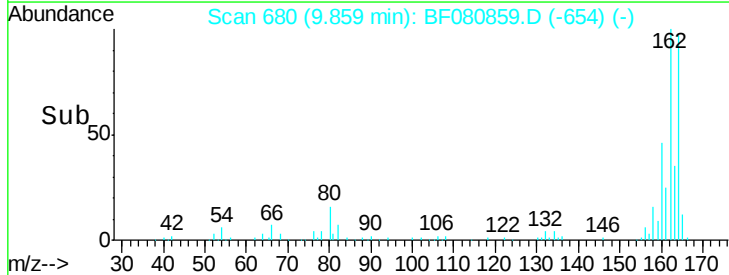
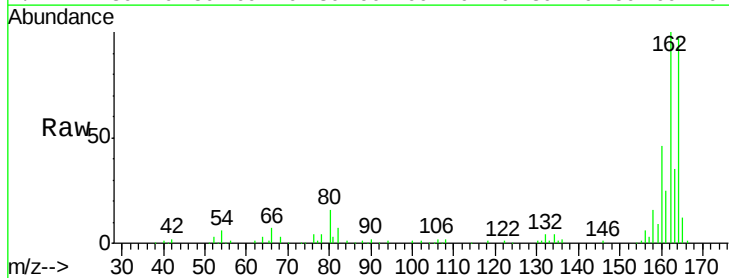
Instrument :
 BNA_F
 ClientSampleId :
 SVOC-GPC-BLANK

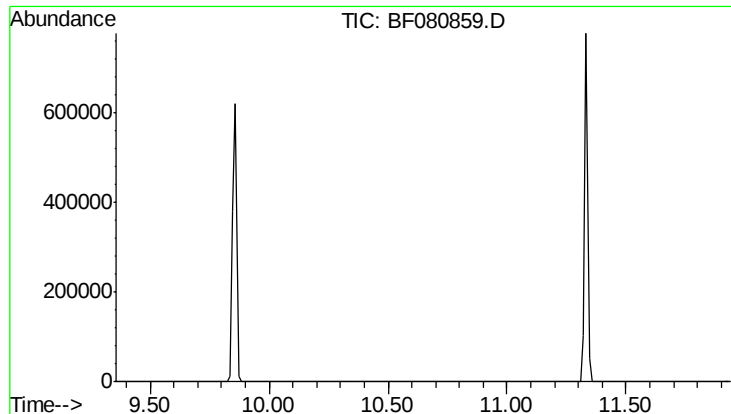
Tot Ion: 82
 Sig Exp Ratio
 82 100
 128 38.7
 54 63.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 680
 Delta R.T. 0.00 min
 Lab File: BF080859.D
 Acq: 5 Aug 2015 1:59

Tgt Ion: 164 Resp: 148685
 Ion Ratio Lower Upper
 164 100
 162 102.8 82.9 124.3
 160 47.4 36.6 54.8





#41

2,4,6-Tribromophenol

Concen: 0.00 ng

Expected RT: 10.65 min

Lab File: BF080859.D

Acq: 5 Aug 2015 1:59

Instrument :

BNA_F

ClientSampleId :

SVOC-GPC-BLANK

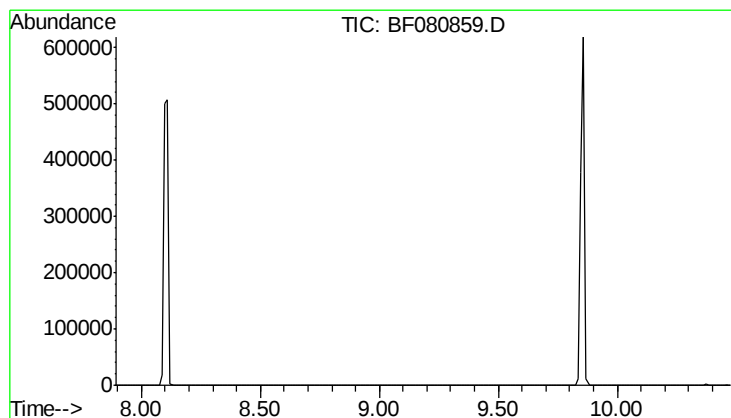
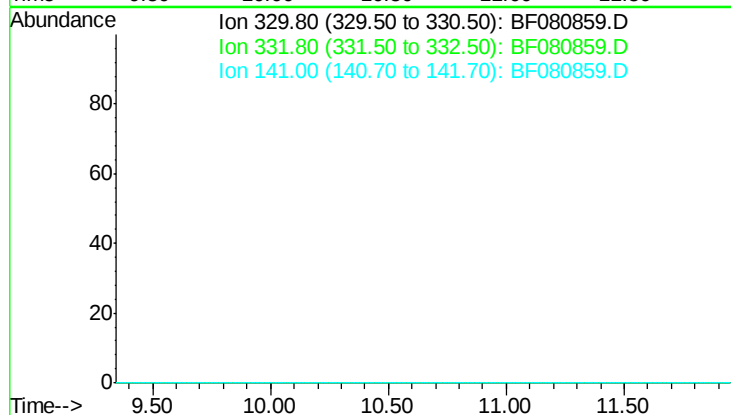
Tot Ion: 330

Sig Exp Ratio

330 100

332 97.3

141 35.5



#44

2-Fluorobiphenyl

Concen: 0.00 ng

Expected RT: 9.18 min

Lab File: BF080859.D

Acq: 5 Aug 2015 1:59

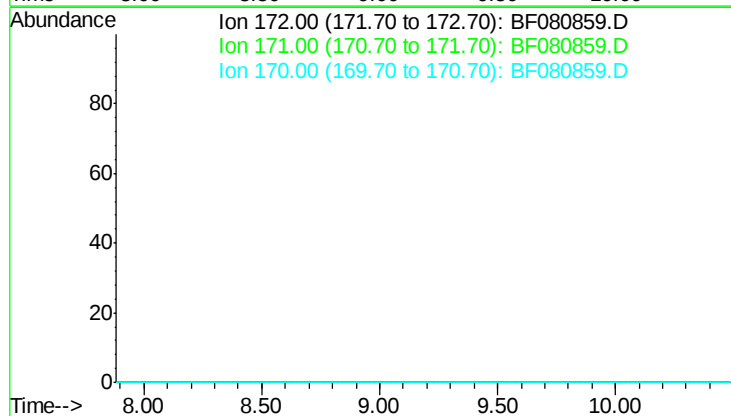
Tgt Ion: 172

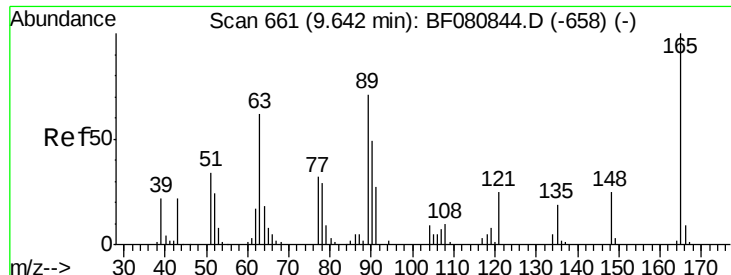
Sig Exp Ratio

172 100

171 36.1

170 24.3

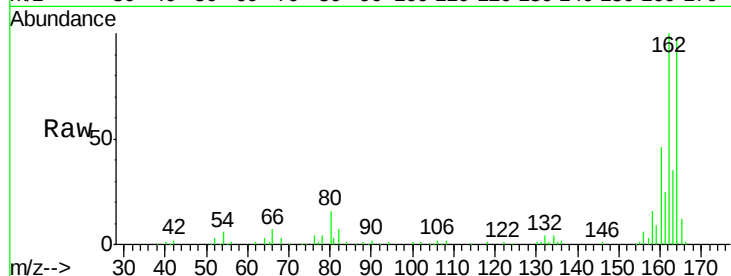




#50
 2,6-Dinitrotoluene
 Concen: 8.47 ng
 RT: 9.86 min Scan# 680
 Delta R.T. 0.22 min
 Lab File: BF080859.D
 Acq: 5 Aug 2015 1:59

Instrument :
 BNA_F
 ClientSampleId :
 SVOC-GPC-BLANK

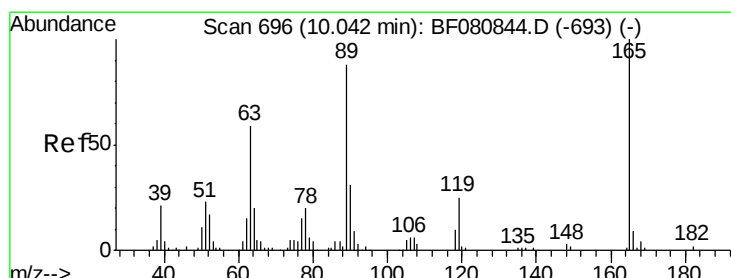
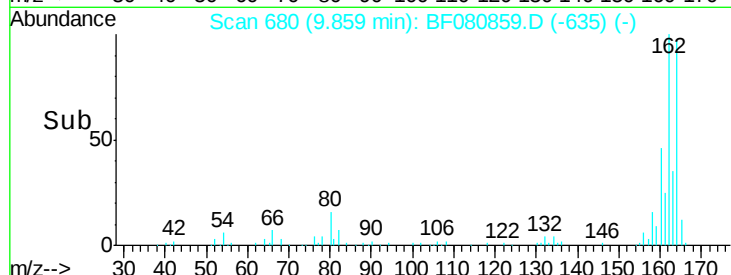
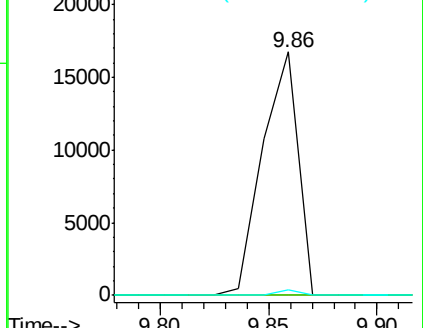
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	65.0	97.6#
89	2.1	56.6	85.0#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 6.71 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.18 min
 Lab File: BF080859.D
 Acq: 5 Aug 2015 1:59

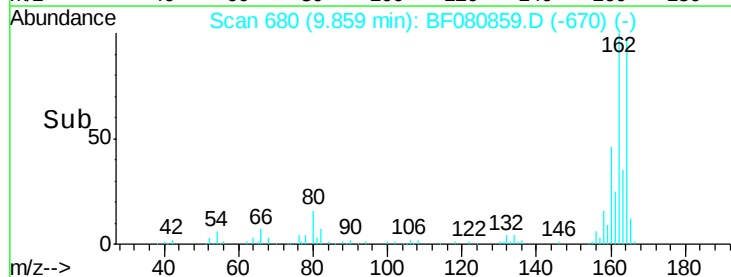
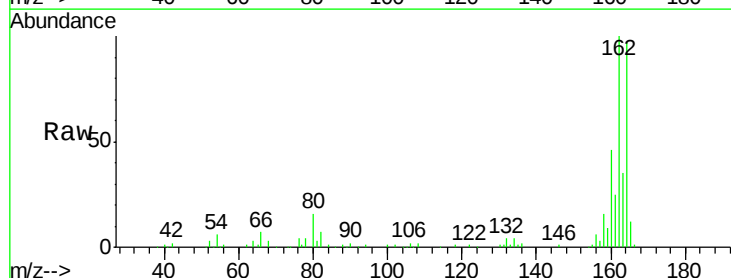
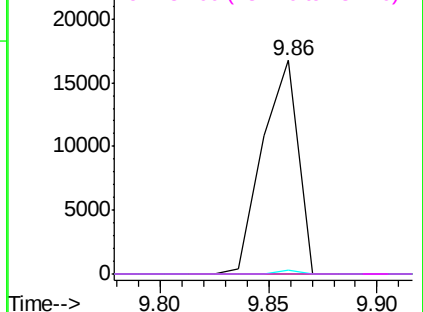
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	47.2	70.8#
89	2.1	70.2	105.2#
182	0.0	1.5	2.3#

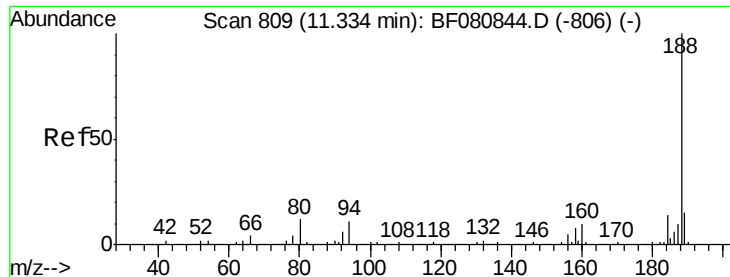
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

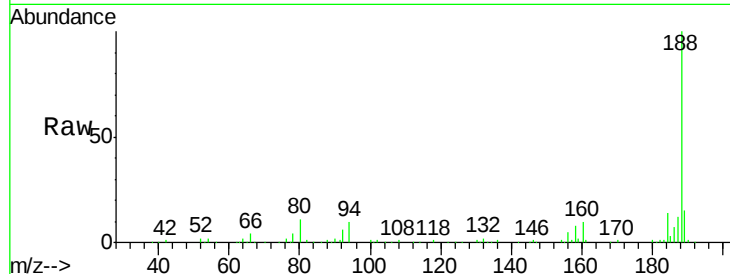




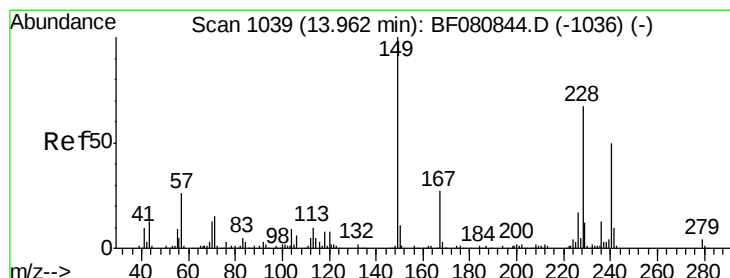
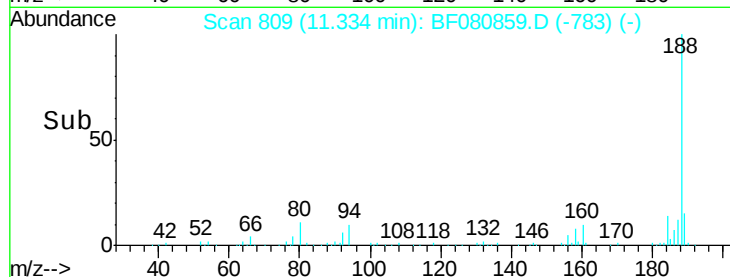
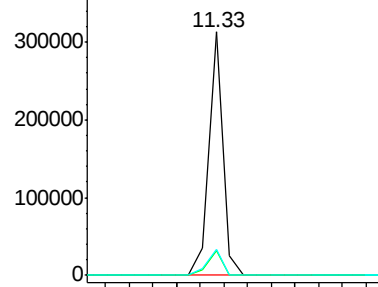
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF080859.D
Acq: 5 Aug 2015 1:59

Instrument :
BNA_F
ClientSampleId :
SVOC-GPC-BLANK

Tot Ion:188 Resp: 257283
Ion Ratio Lower Upper
188 100
94 10.0 8.6 12.8
80 10.9 9.3 13.9

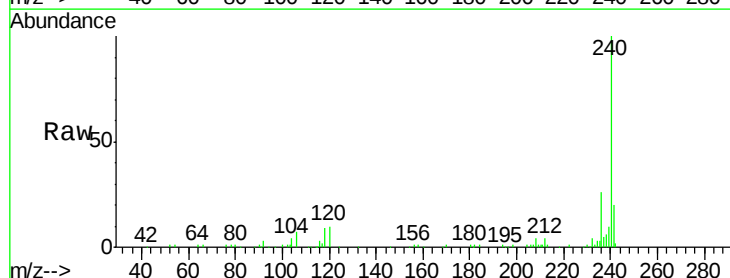


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

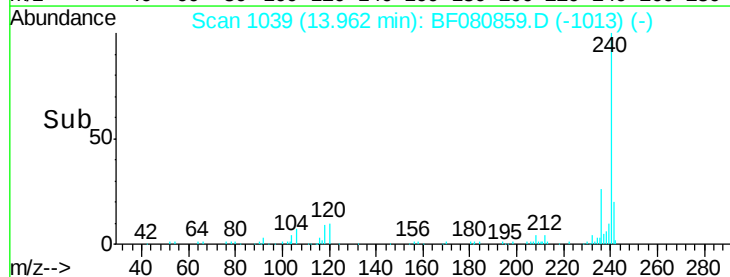
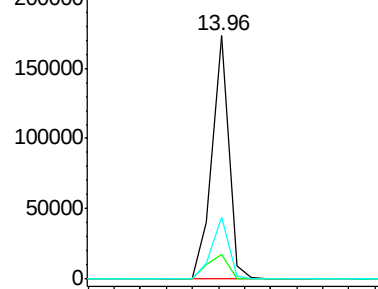


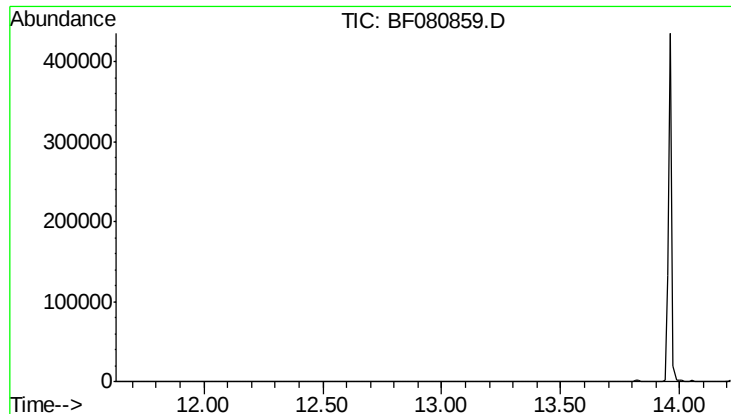
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF080859.D
Acq: 5 Aug 2015 1:59

Tgt Ion:240 Resp: 154834
Ion Ratio Lower Upper
240 100
120 10.0 13.0 19.6#
236 25.5 20.7 31.1



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

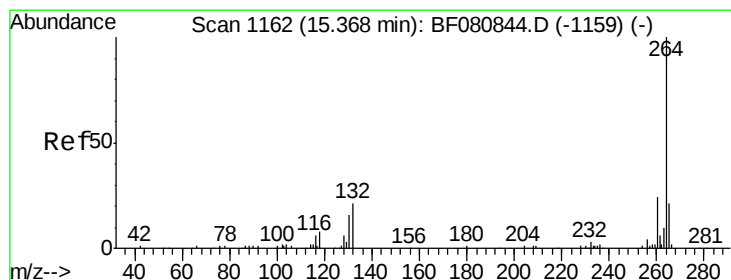
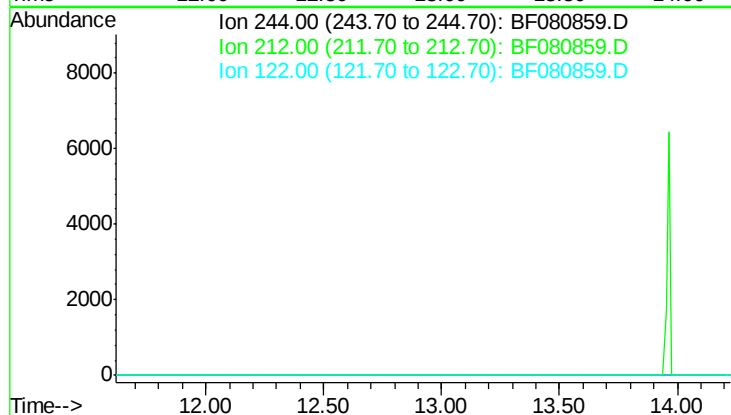




#78
 Terphenyl-d14
 Concen: 0.00 ng
 Expected RT: 12.92 min
 Lab File: BF080859.D
 Acq: 5 Aug 2015 1:59

Instrument :
 BNA_F
 ClientSampleId :
 SVOC-GPC-BLANK

Tot Ion: 244
 Sig Exp Ratio
 244 100
 212 6.9
 122 8.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: BF080859.D
 Acq: 5 Aug 2015 1:59

Tgt Ion: 264 Resp: 102481
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.9 28.3
 265 21.7 16.8 25.2

