

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080615\
 Data File : BF080906.D
 Acq On : 7 Aug 2015 1:09
 Operator : TP/UM
 Sample : G3196-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 07 05:08:37 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 07 03:17:12 2015
 Response via : Initial Calibration

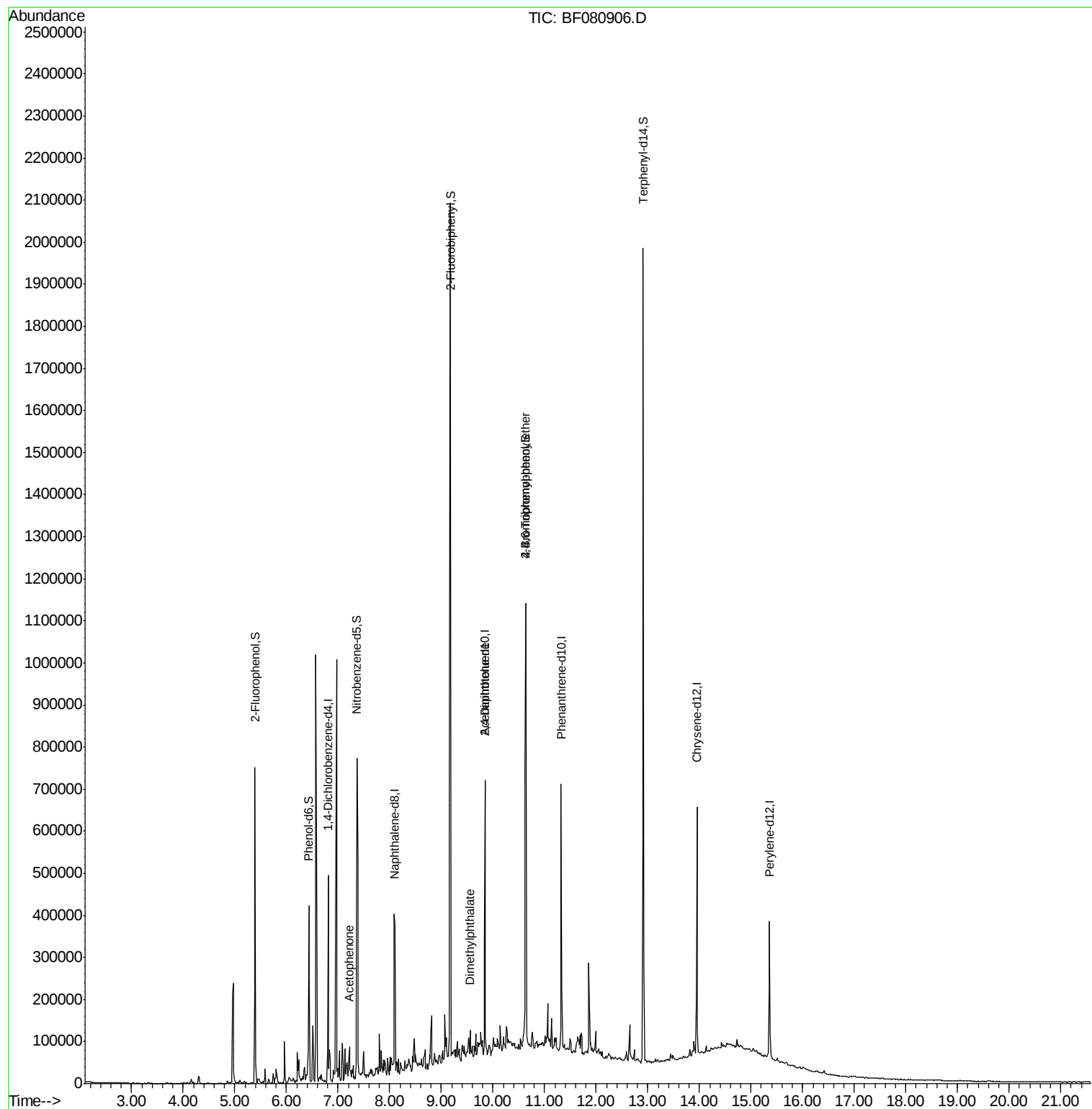
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	62139	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	237974	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	117023	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	213608	20.00	ng	0.00
75) Chrysene-d12	13.95	240	189471	20.00	ng	-0.01
86) Perylene-d12	15.36	264	142728	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	177514	45.54	ng	0.00
7) Phenol-d6	6.43	99	165757	30.89	ng	-0.01
23) Nitrobenzene-d5	7.37	82	314284	62.21	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	146484	116.54	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	599531	73.02	ng	0.00
78) Terphenyl-d14	12.91	244	595536	66.27	ng	0.00
Target Compounds						
22) Acetophenone	7.22	105	12181	2.05	ng	# 71
49) Dimethylphthalate	9.56	163	22929	2.47	ng	96
56) 2,4-Dinitrotoluene	9.85	165	16484	6.15	ng	# 13
66) 4-Bromophenyl-phenylether	10.64	248	10232	4.41	ng	# 1

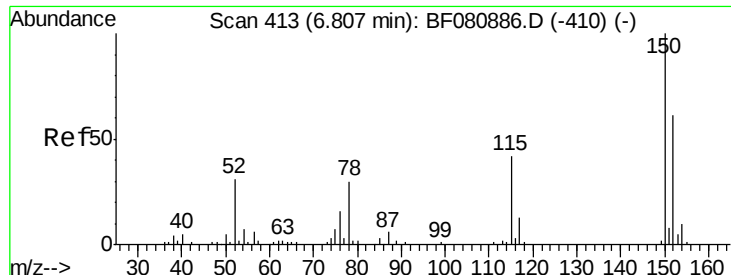
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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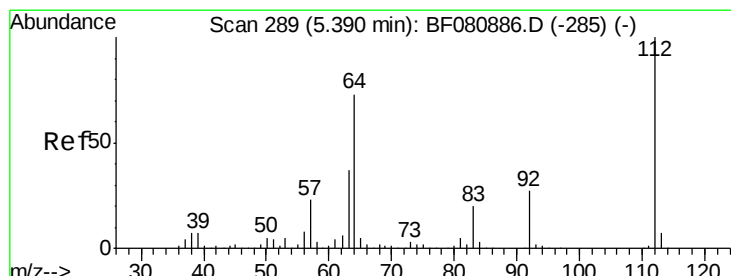
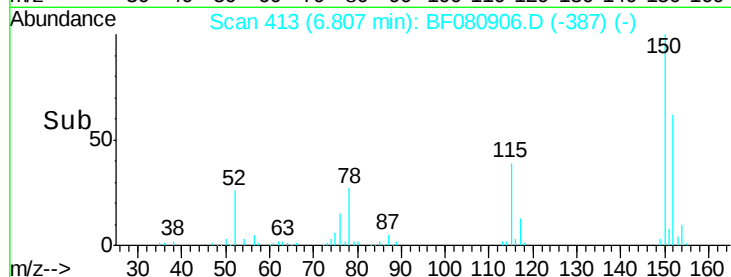
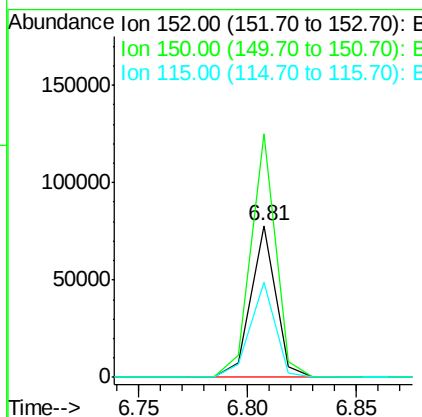
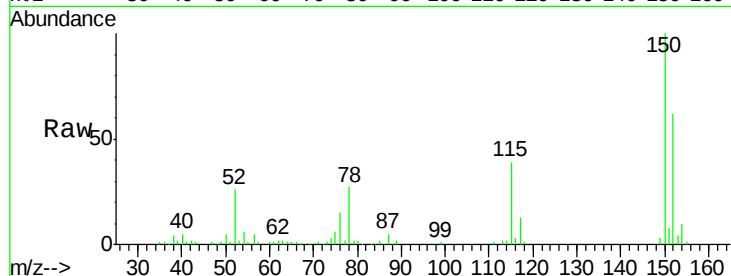


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.00 min
Lab File: BF080906.D
Acq: 7 Aug 2015 1:09

Instrument :
BNA_F
ClientSampleId :

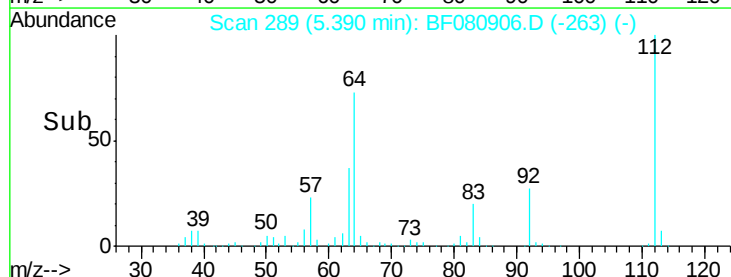
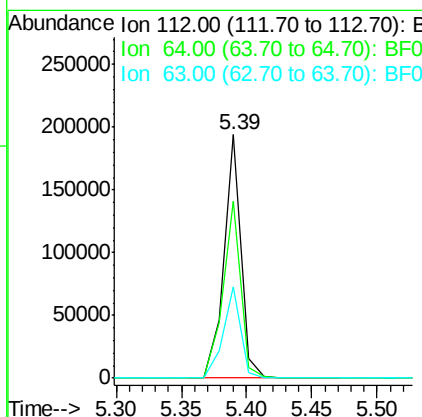
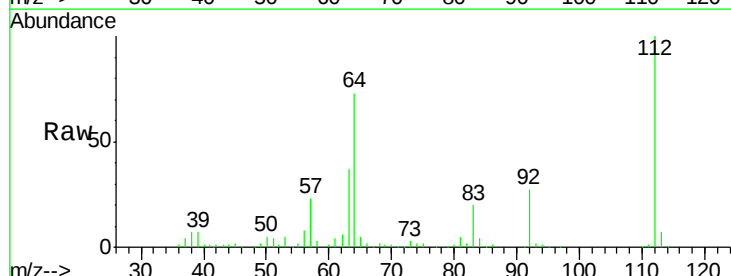
Tot Ion:152 Resp: 62139
Ion Ratio Lower Upper
152 100
150 160.4 132.2 198.2
115 62.9 54.9 82.3

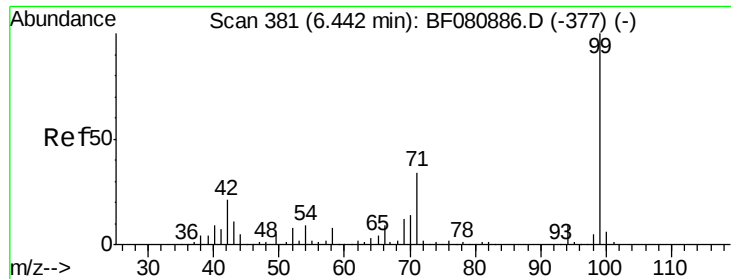


#5

2-Fluorophenol
Concen: 45.54 ng
RT: 5.39 min Scan# 289
Delta R.T. -0.00 min
Lab File: BF080906.D
Acq: 7 Aug 2015 1:09

Tgt Ion:112 Resp: 177514
Ion Ratio Lower Upper
112 100
64 72.6 58.0 87.0
63 37.2 29.8 44.8





#7

Phenol-d6

Concen: 30.89 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF080906.D

Acq: 7 Aug 2015 1:09

Instrument :

BNA_F

ClientSampleId :

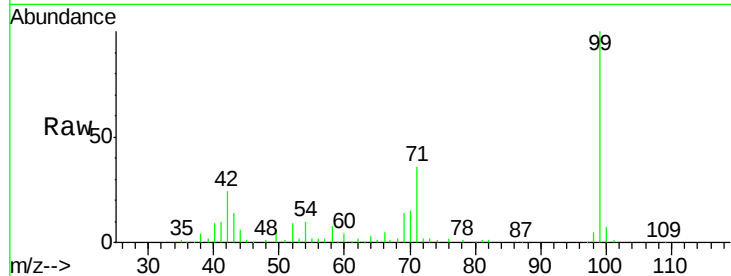
Tot Ion: 99 Resp: 165757

Ion Ratio Lower Upper

99 100

42 23.8 16.8 25.2

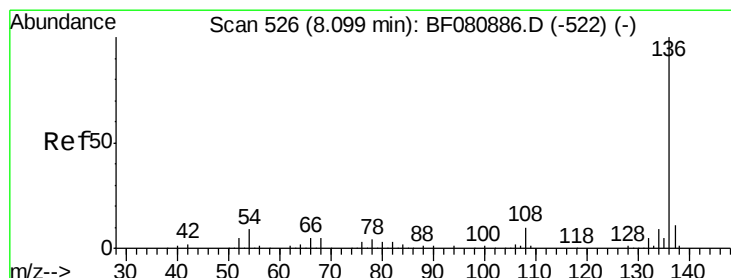
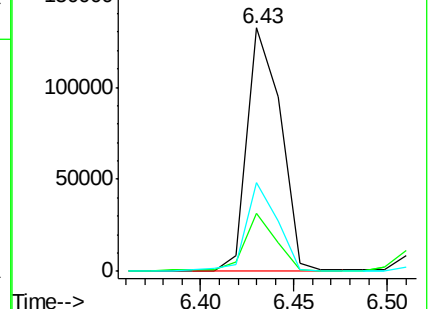
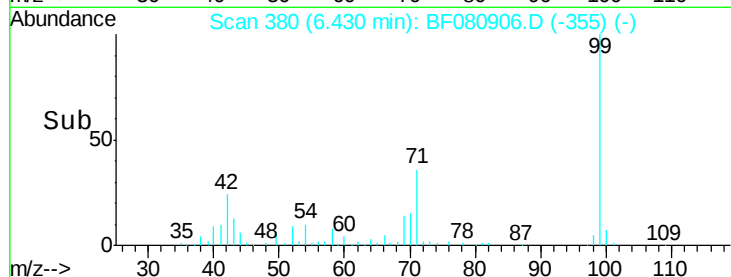
71 36.2 27.4 41.0



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: 8.10 min Scan# 526

Delta R.T. -0.00 min

Lab File: BF080906.D

Acq: 7 Aug 2015 1:09

Tgt Ion: 136 Resp: 237974

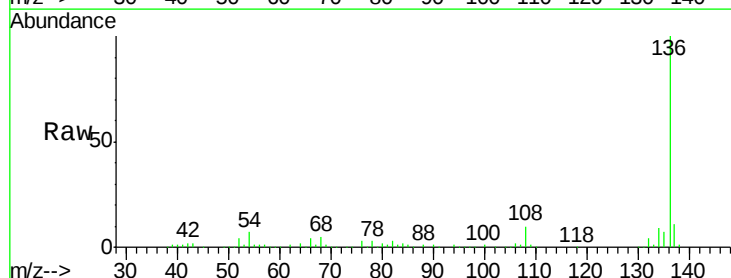
Ion Ratio Lower Upper

136 100

137 10.7 8.6 12.8

54 7.4 7.5 11.3#

68 4.6 4.2 6.2

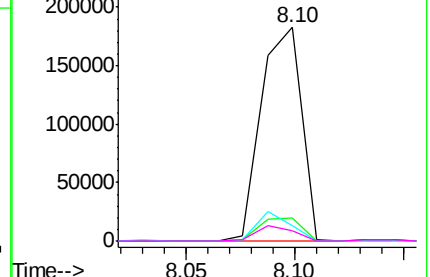
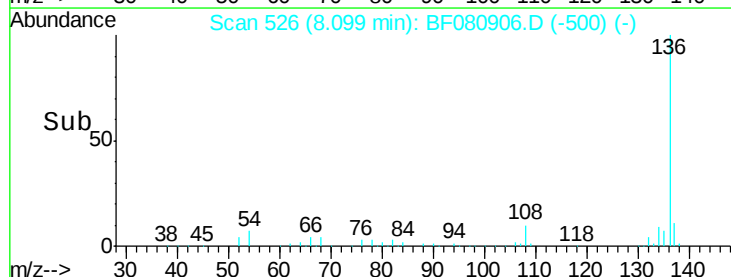


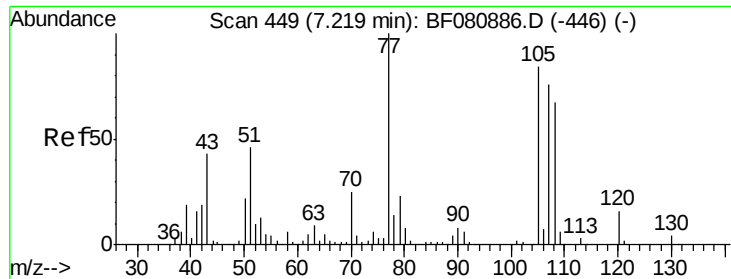
Abundance Ion 136.00 (135.70 to 136.70): E

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





#22

Acetophenone

Concen: 2.05 ng

RT: 7.22 min Scan# 449

Delta R.T. -0.00 min

Lab File: BF080906.D

Acq: 7 Aug 2015 1:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion:105 Resp: 12181

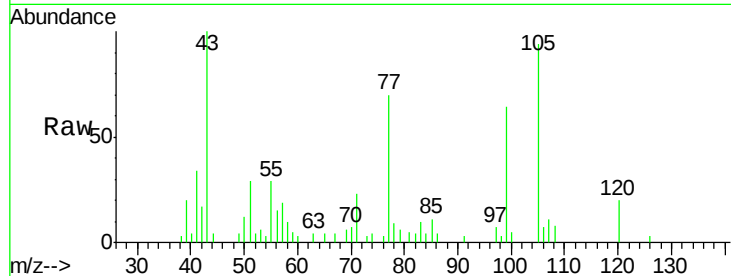
Ion Ratio Lower Upper

105 100

71 24.9 3.8 5.8#

51 30.3 44.2 66.4#

120 20.8 15.4 23.0

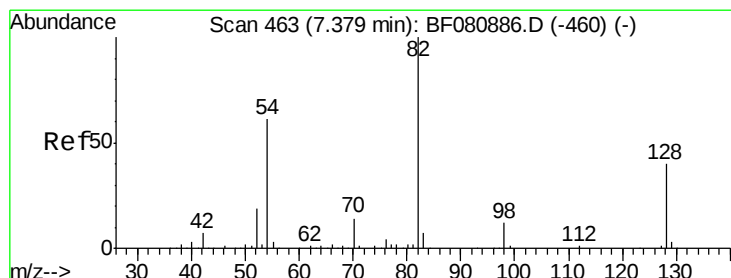
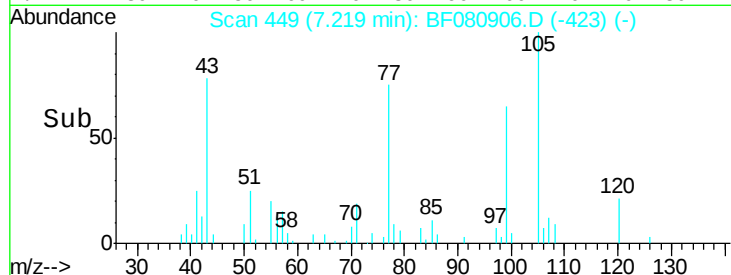
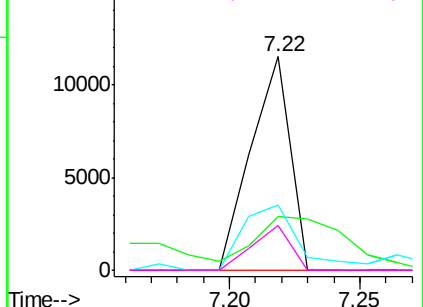


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 62.21 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.01 min

Lab File: BF080906.D

Acq: 7 Aug 2015 1:09

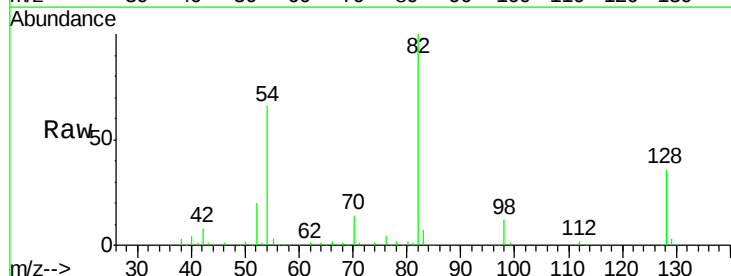
Tgt Ion: 82 Resp: 314284

Ion Ratio Lower Upper

82 100

128 36.3 31.8 47.6

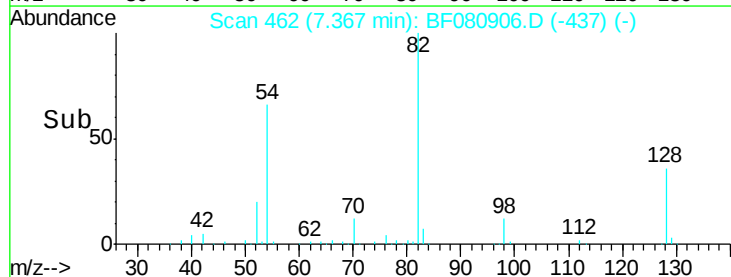
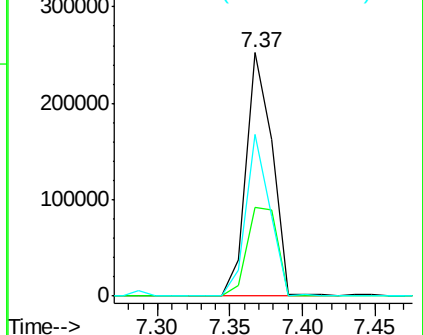
54 66.3 48.6 72.8

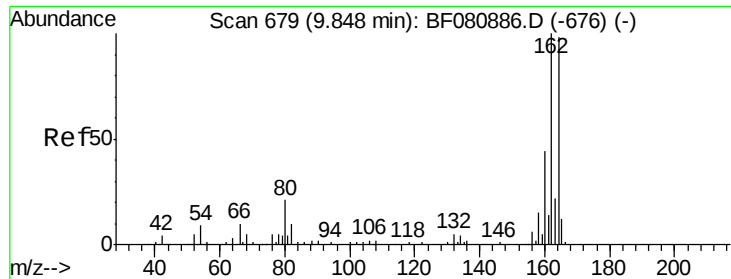


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.85 min Scan# 679

Delta R.T. -0.00 min

Lab File: BF080906.D

Acq: 7 Aug 2015 1:09

Instrument :

BNA_F

ClientSampleId :

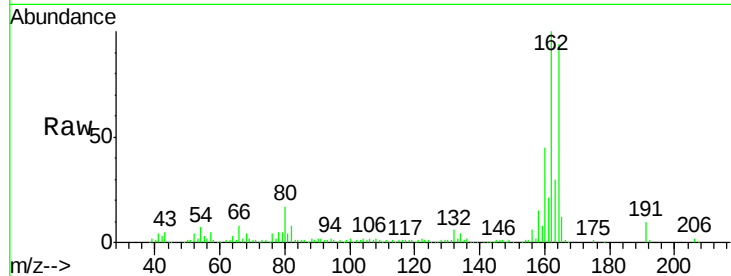
Tot Ion:164 Resp: 117023

Ion Ratio Lower Upper

164 100

162 105.9 81.5 122.3

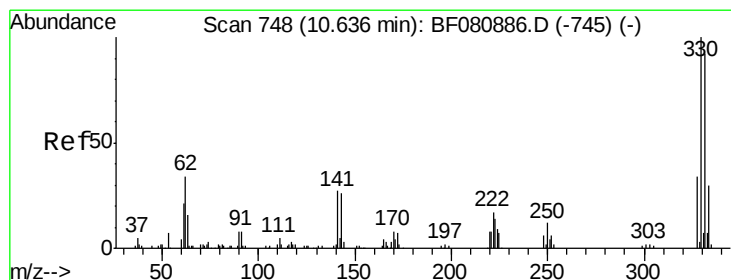
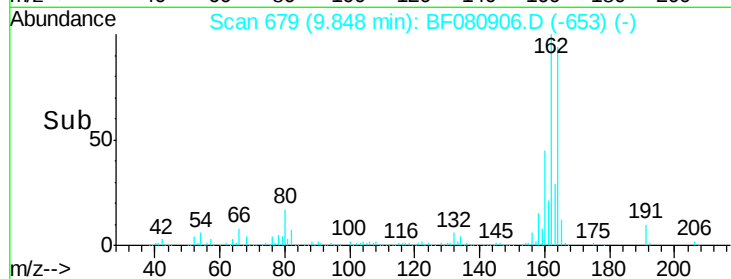
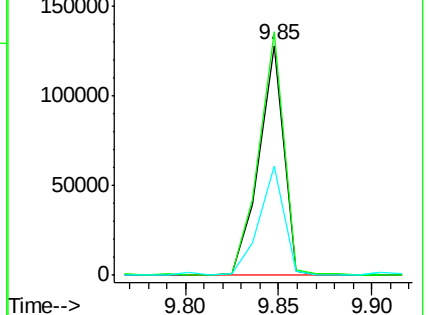
160 47.4 35.9 53.9



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: 116.54 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF080906.D

Acq: 7 Aug 2015 1:09

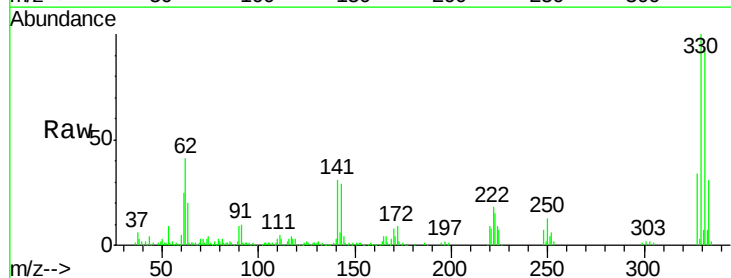
Tgt Ion:330 Resp: 146484

Ion Ratio Lower Upper

330 100

332 93.9 74.1 111.1

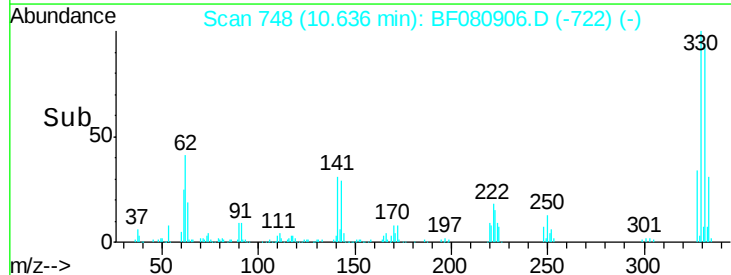
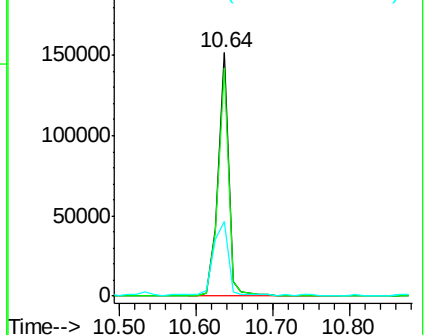
141 41.5 30.1 45.1

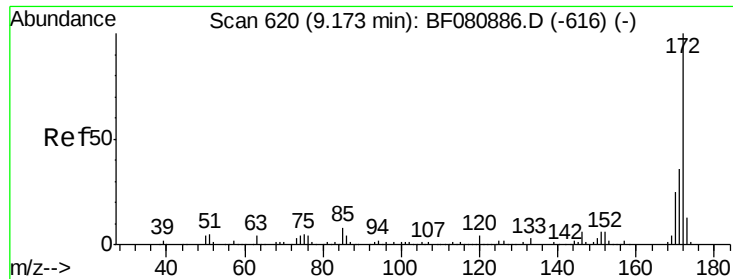


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

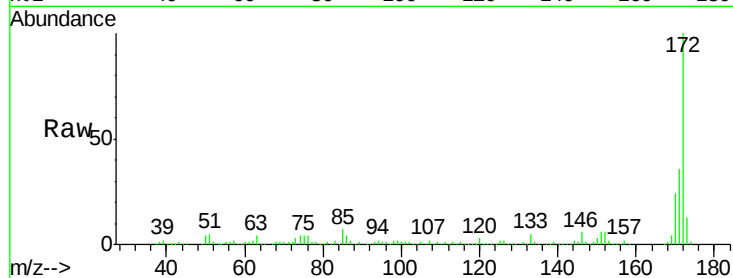




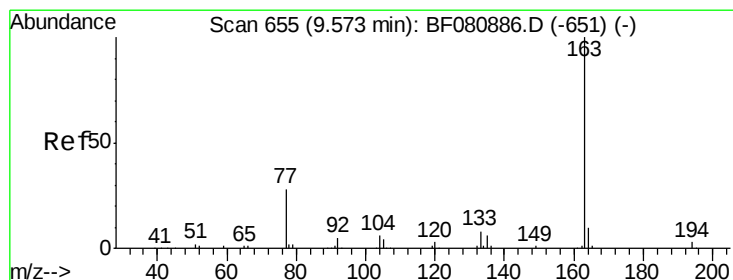
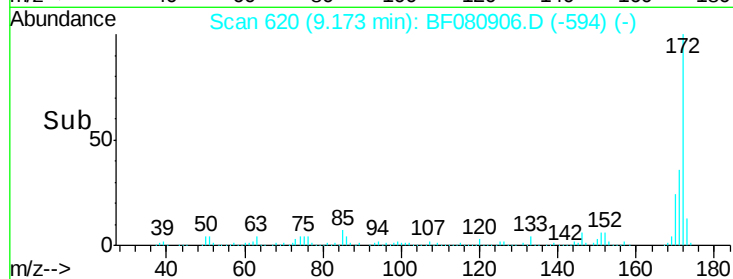
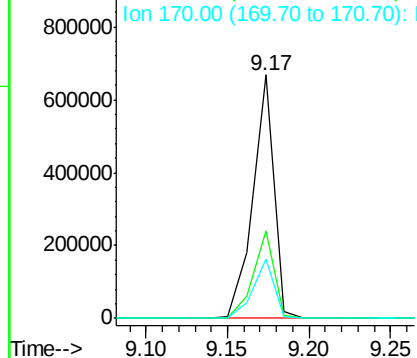
#44
2-Fluorobiphenyl
Concen: 73.02 ng
RT: 9.17 min Scan# 620
Delta R.T. -0.00 min
Lab File: BF080906.D
Acq: 7 Aug 2015 1:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 599531
Ion Ratio Lower Upper
172 100
171 36.2 29.0 43.4
170 24.4 19.9 29.9

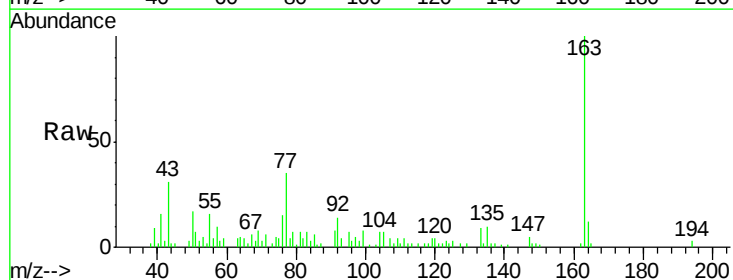


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

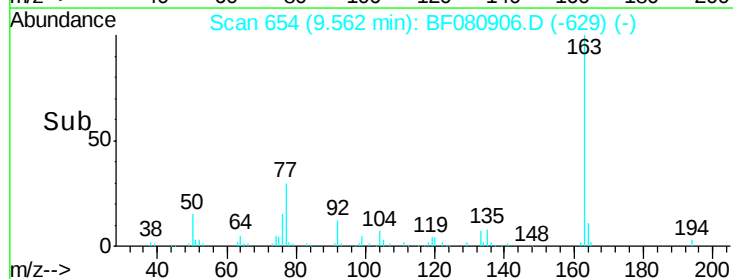
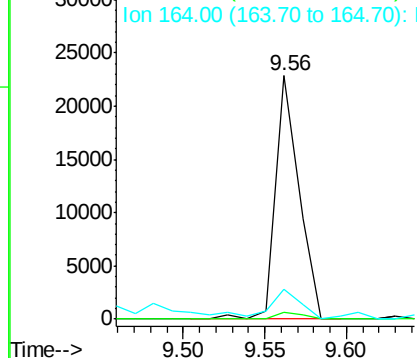


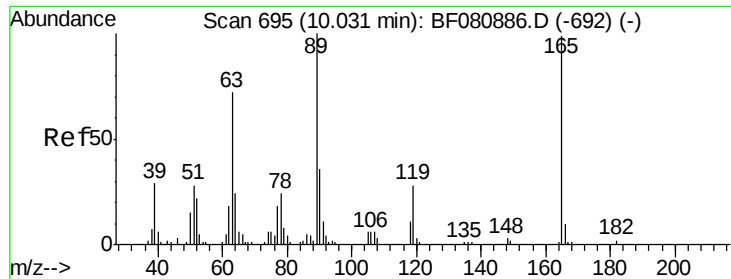
#49
Dimethylphthalate
Concen: 2.47 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF080906.D
Acq: 7 Aug 2015 1:09

Tgt Ion:163 Resp: 22929
Ion Ratio Lower Upper
163 100
194 2.7 2.3 3.5
164 12.4 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

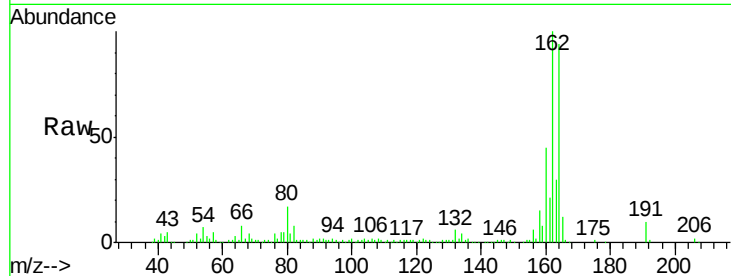




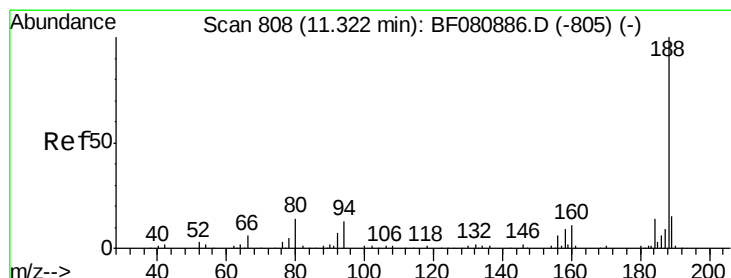
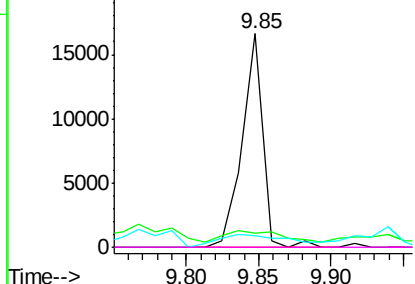
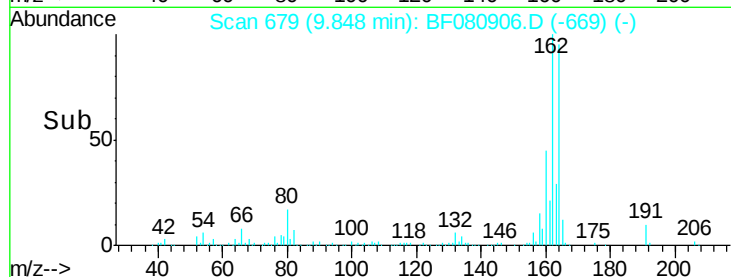
#56
 2,4-Dinitrotoluene
 Concen: 6.15 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.18 min
 Lab File: BF080906.D
 Acq: 7 Aug 2015 1:09

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 16484
 Ion Ratio Lower Upper
 165 100
 63 6.7 58.6 87.8#
 89 5.7 80.7 121.1#
 182 0.0 1.8 2.8#

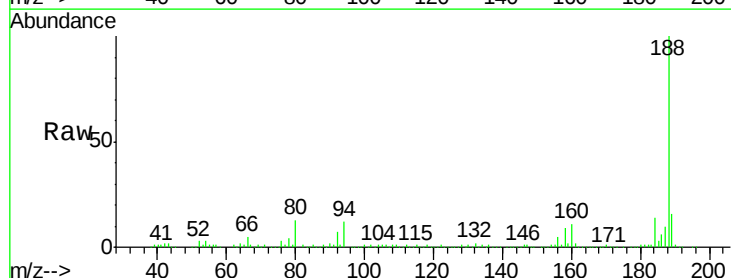


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

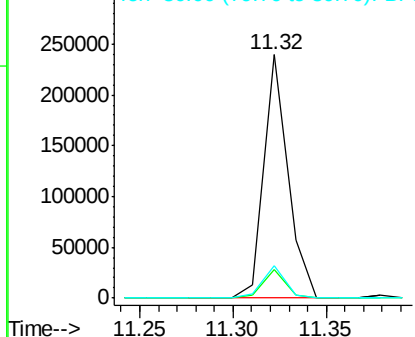
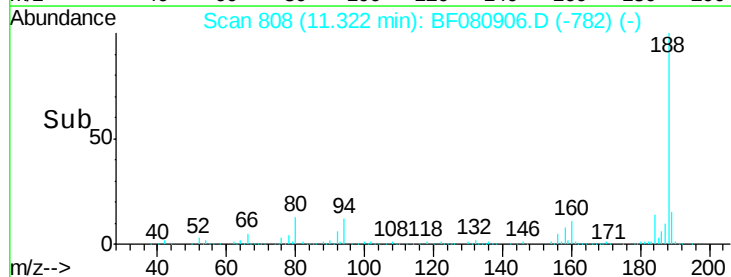


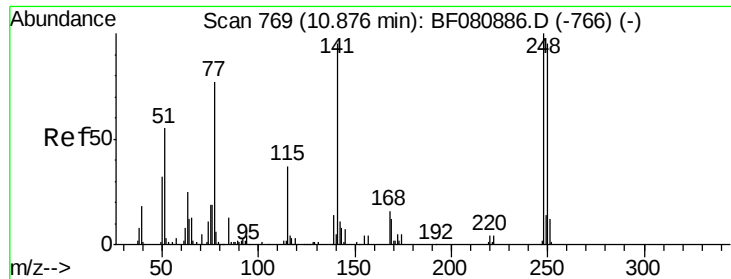
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF080906.D
 Acq: 7 Aug 2015 1:09

Tgt Ion:188 Resp: 213608
 Ion Ratio Lower Upper
 188 100
 94 11.8 10.2 15.2
 80 13.2 11.4 17.2



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

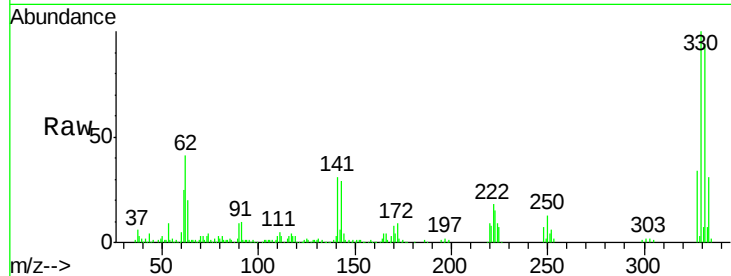




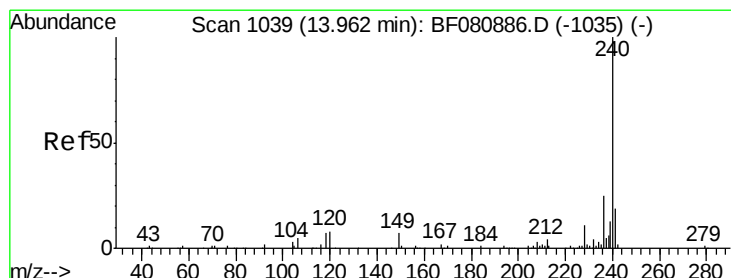
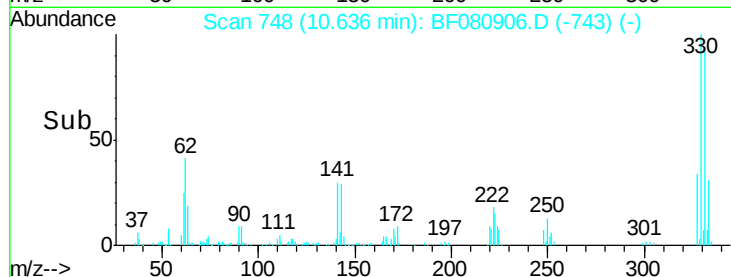
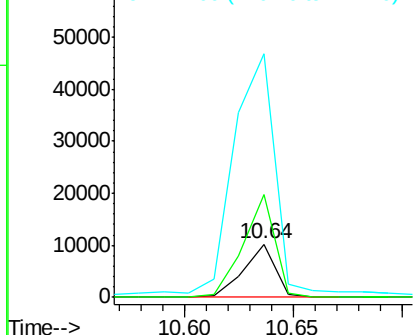
#66
4-Bromophenyl-phenylether
Concen: 4.41 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.24 min
Lab File: BF080906.D
Acq: 7 Aug 2015 1:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 10232
Ion Ratio Lower Upper
248 100
250 193.7 75.9 113.9#
141 459.4 75.8 113.6#

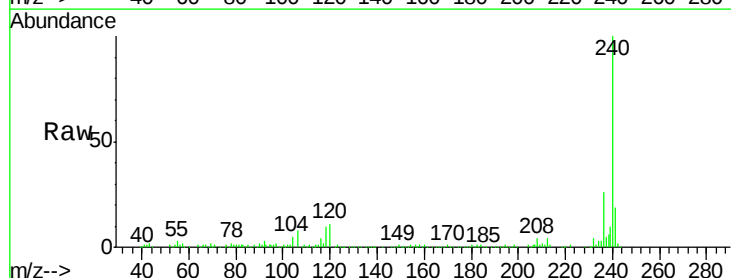


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

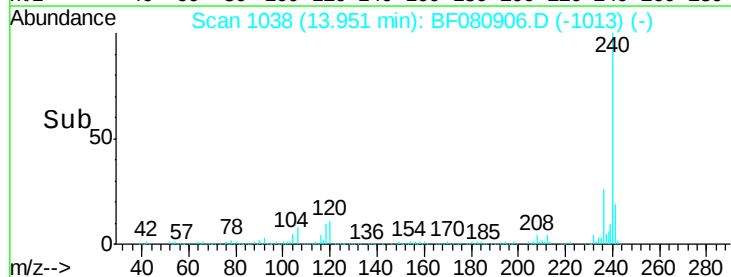
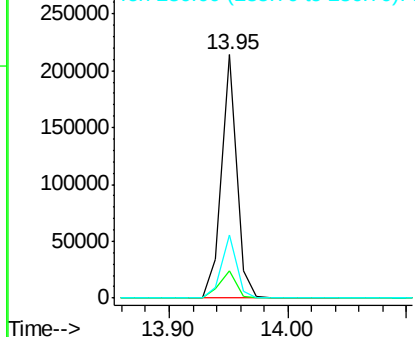


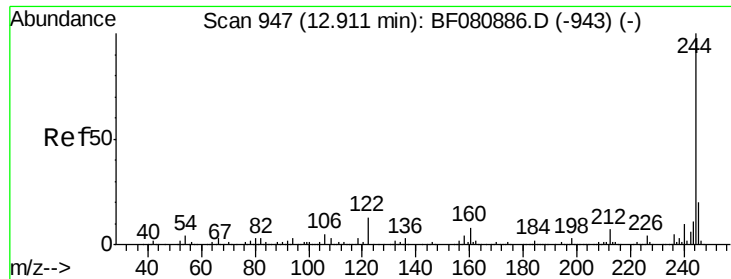
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF080906.D
Acq: 7 Aug 2015 1:09

Tgt Ion:240 Resp: 189471
Ion Ratio Lower Upper
240 100
120 11.3 6.4 9.6#
236 26.1 20.2 30.4



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

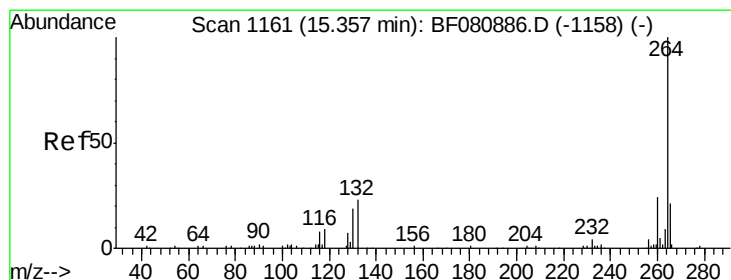
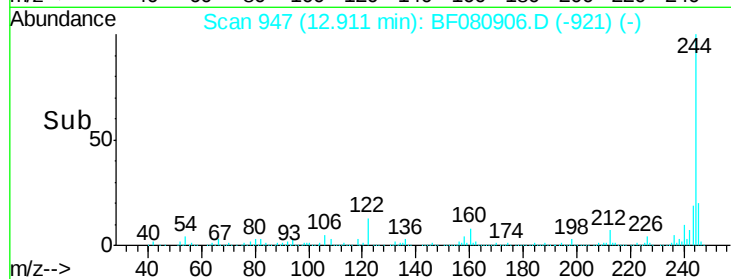
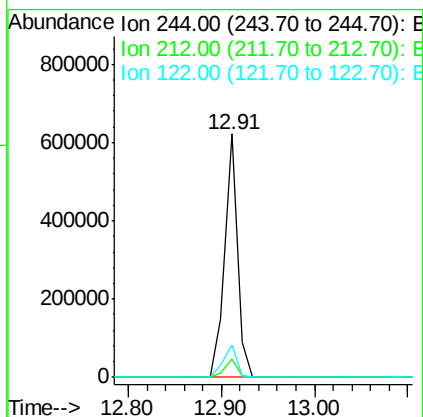
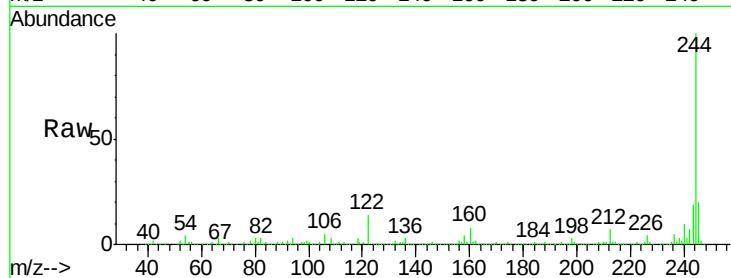




#78
 Terphenyl-d14
 Concen: 66.27 ng
 RT: 12.91 min Scan# 947
 Delta R.T. -0.00 min
 Lab File: BF080906.D
 Acq: 7 Aug 2015 1:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 595536
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.9 8.9
 122 13.5 10.6 16.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: BF080906.D
 Acq: 7 Aug 2015 1:09

Tgt Ion:264 Resp: 142728
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.0 28.4
 265 20.4 17.0 25.6

