

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080615\
 Data File : BF080912.D
 Acq On : 7 Aug 2015 4:13
 Operator : TP/UM
 Sample : PB84869BL
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 07 05:11:23 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

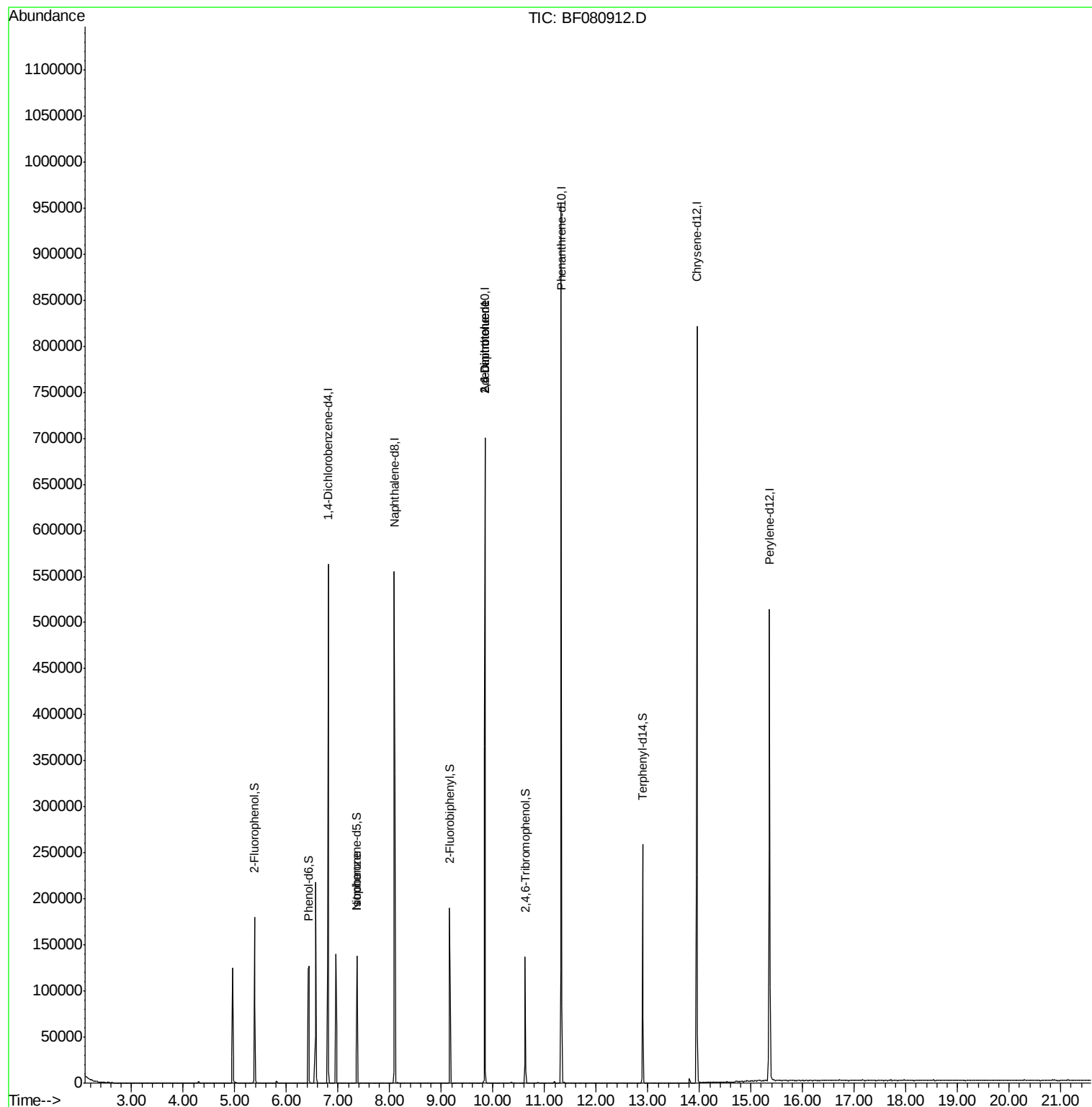
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	77525	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	292696	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	154947	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	317833	20.00	ng	0.00
75) Chrysene-d12	13.95	240	279483	20.00	ng	-0.01
86) Perylene-d12	15.36	264	235153	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	50076	10.30	ng	-0.01
7) Phenol-d6	6.43	99	62746	9.37	ng	-0.01
23) Nitrobenzene-d5	7.37	82	41418	6.67	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	15111	9.08	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	71601	6.59	ng	-0.01
78) Terphenyl-d14	12.90	244	83538	6.30	ng	-0.01
Target Compounds						
25) Isophorone	7.37	82	33759	2.83	ng	# 67
50) 2,6-Dinitrotoluene	9.85	165	19714	7.47	ng	# 7
56) 2,4-Dinitrotoluene	9.85	165	19714	5.55	ng	# 8

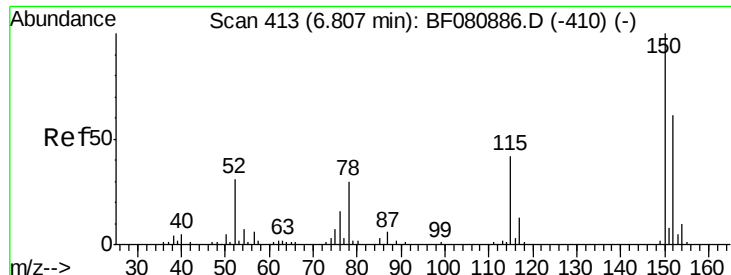
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080615\
Data File : BF080912.D
Acq On : 7 Aug 2015 4:13
Operator : TP/UM
Sample : PB84869BL
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 07 05:11:23 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



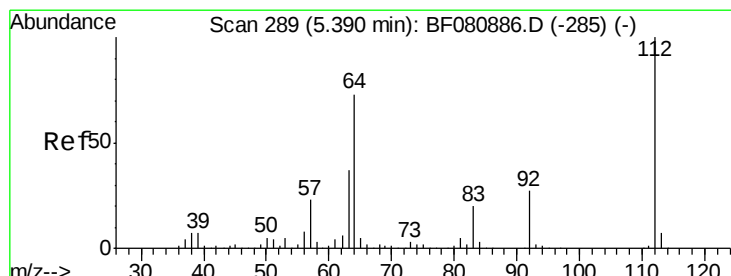
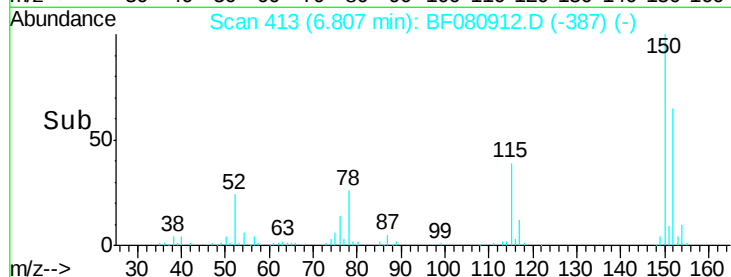
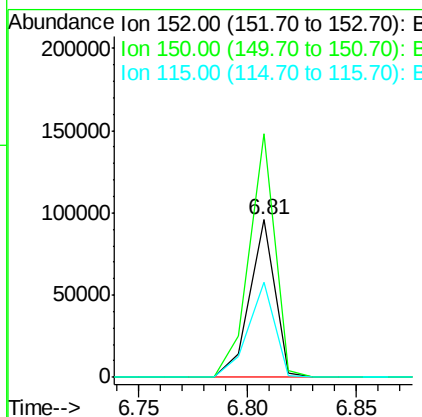
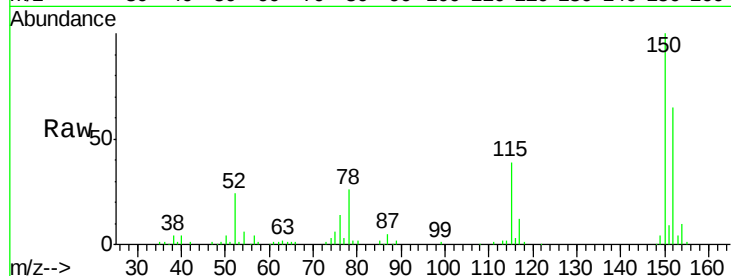


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.00 min
Lab File: BF080912.D
Acq: 7 Aug 2015 4:13

Instrument :
BNA_F
ClientSampleId :

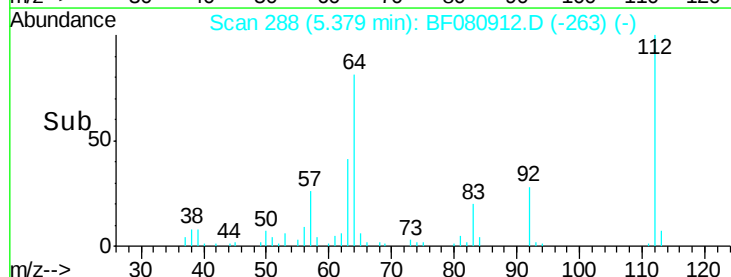
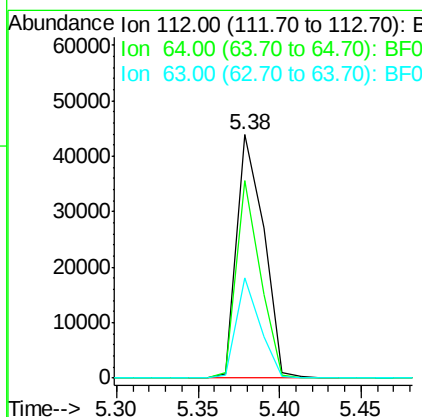
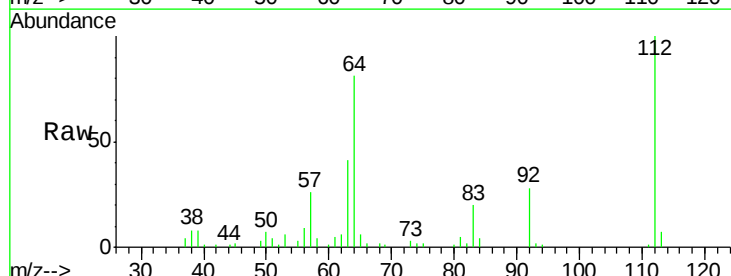
Tot Ion:152 Resp: 77525
Ion Ratio Lower Upper
152 100
150 154.7 132.2 198.2
115 60.6 54.9 82.3

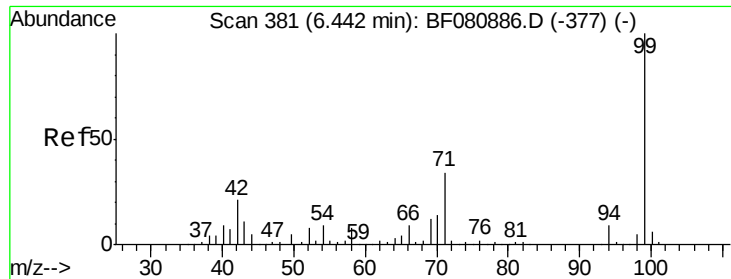


#5

2-Fluorophenol
Concen: 10.30 ng
RT: 5.38 min Scan# 288
Delta R.T. -0.01 min
Lab File: BF080912.D
Acq: 7 Aug 2015 4:13

Tgt Ion:112 Resp: 50076
Ion Ratio Lower Upper
112 100
64 81.0 58.0 87.0
63 41.0 29.8 44.8





#7

Phenol-d6

Concen: 9.37 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF080912.D

Acq: 7 Aug 2015 4:13

Instrument :

BNA_F

ClientSampleId :

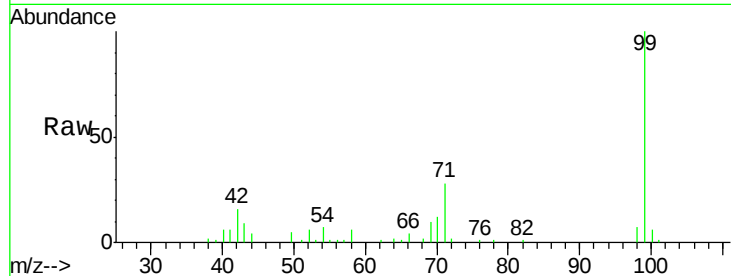
Tot Ion: 99 Resp: 62746

Ion Ratio Lower Upper

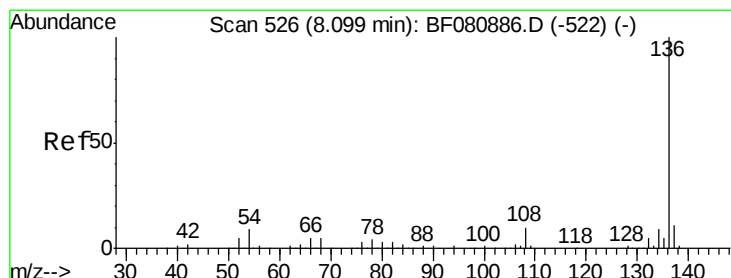
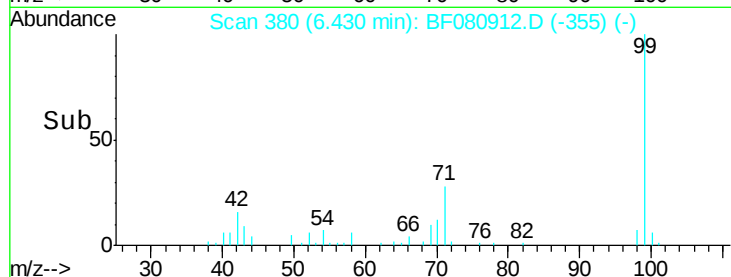
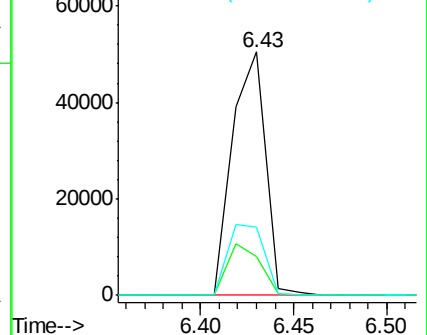
99 100

42 15.8 16.8 25.2#

71 27.8 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: 8.09 min Scan# 525

Delta R.T. -0.01 min

Lab File: BF080912.D

Acq: 7 Aug 2015 4:13

Tgt Ion: 136 Resp: 292696

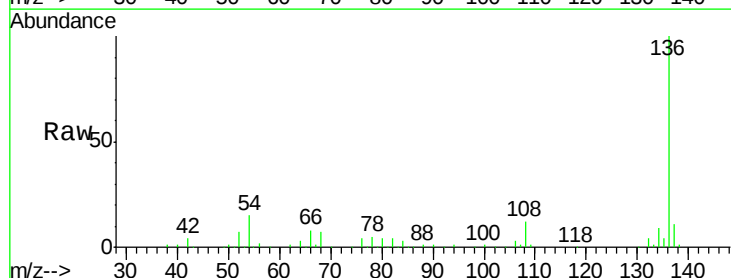
Ion Ratio Lower Upper

136 100

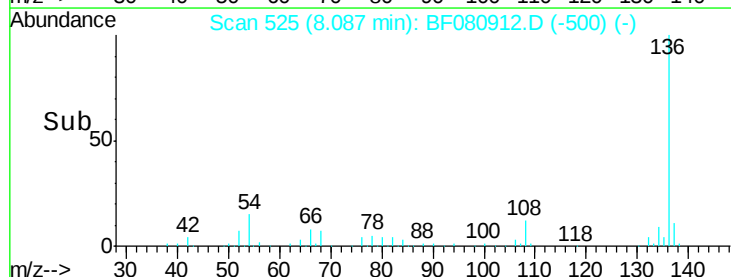
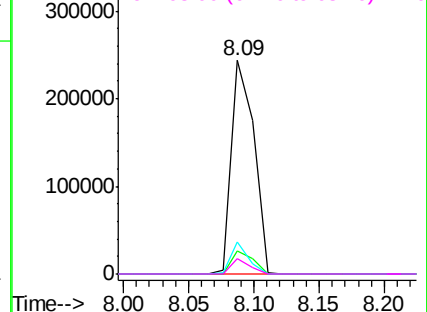
137 11.0 8.6 12.8

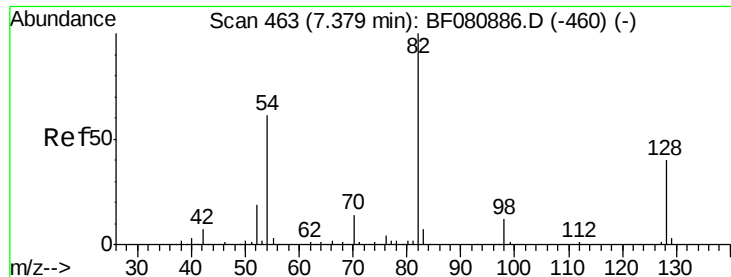
54 15.0 7.5 11.3#

68 7.4 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

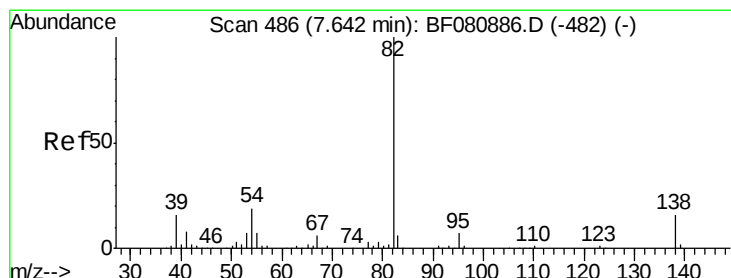
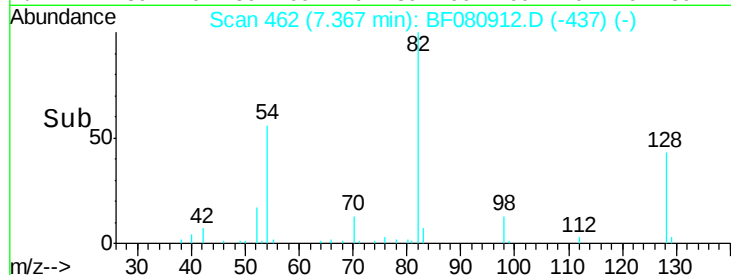
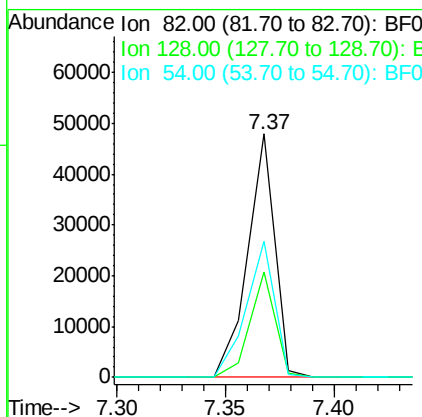
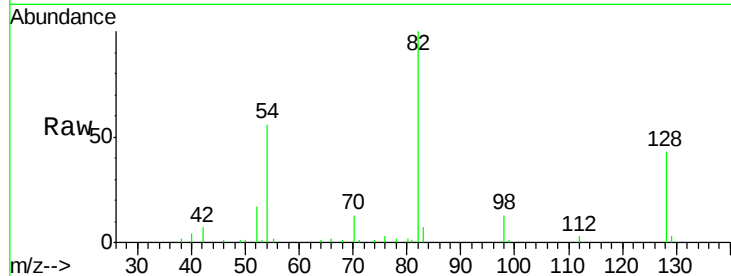




#23
 Nitrobenzene-d5
 Concen: 6.67 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.01 min
 Lab File: BF080912.D
 Acq: 7 Aug 2015 4:13

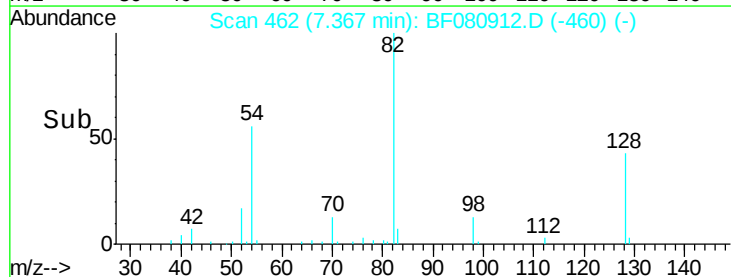
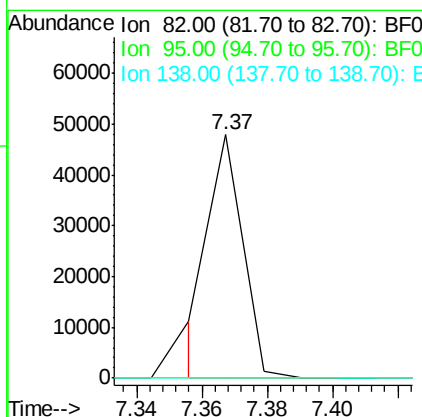
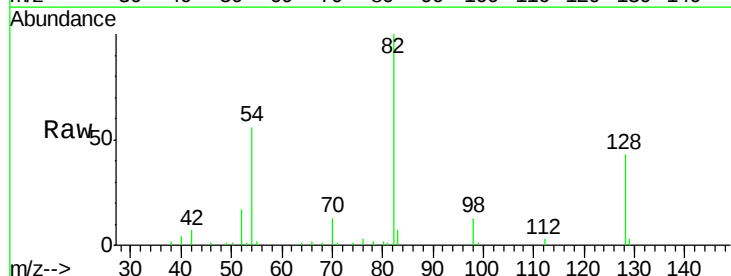
Instrument :
 BNA_F
 ClientSampleID :

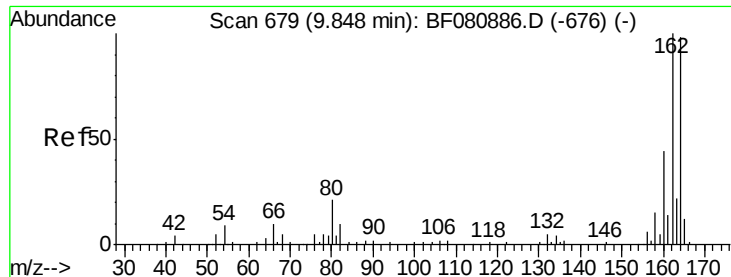
Tot Ion: 82 Resp: 41418
 Ion Ratio Lower Upper
 82 100
 128 43.3 31.8 47.6
 54 56.1 48.6 72.8



#25
 Isophorone
 Concen: 2.83 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.27 min
 Lab File: BF080912.D
 Acq: 7 Aug 2015 4:13

Tgt Ion: 82 Resp: 33759
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.7 8.5#
 138 0.0 13.0 19.6#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.00 min

Lab File: BF080912.D

Acq: 7 Aug 2015 4:13

Instrument :

BNA_F

ClientSampleId :

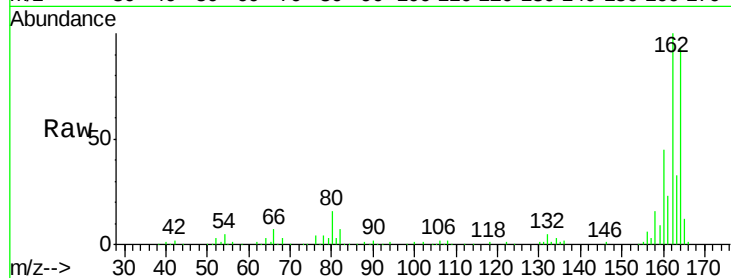
Tot Ion:164 Resp: 154947

Ion Ratio Lower Upper

164 100

162 107.1 81.5 122.3

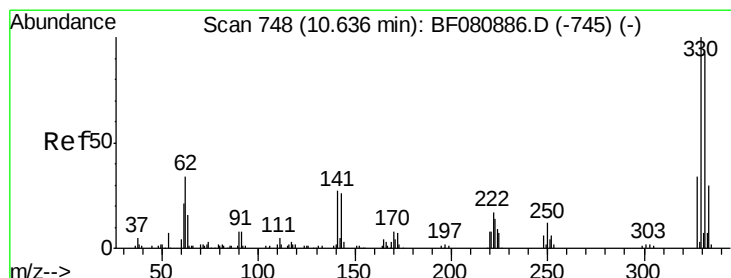
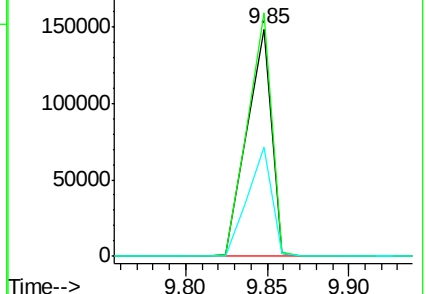
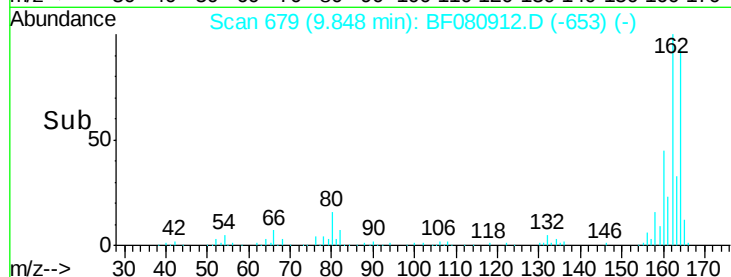
160 48.1 35.9 53.9



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: 9.08 ng

RT: 10.62 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF080912.D

Acq: 7 Aug 2015 4:13

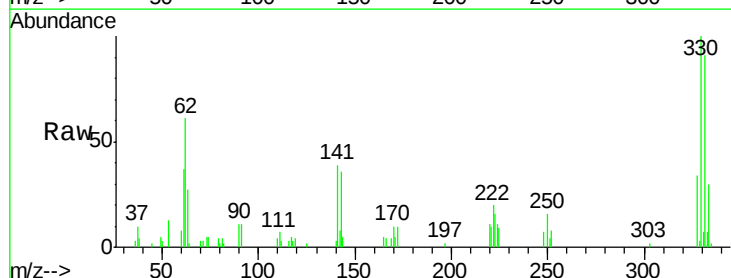
Tgt Ion:330 Resp: 15111

Ion Ratio Lower Upper

330 100

332 92.7 74.1 111.1

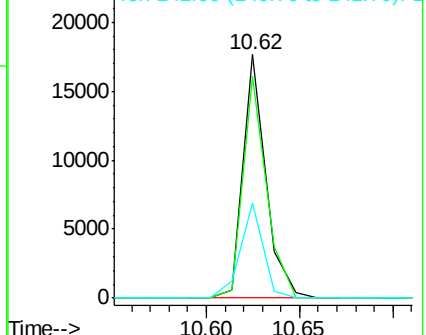
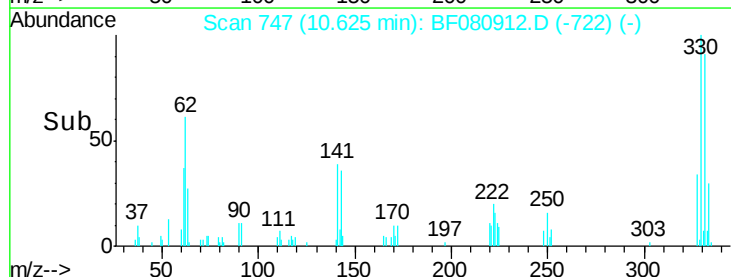
141 39.2 30.1 45.1

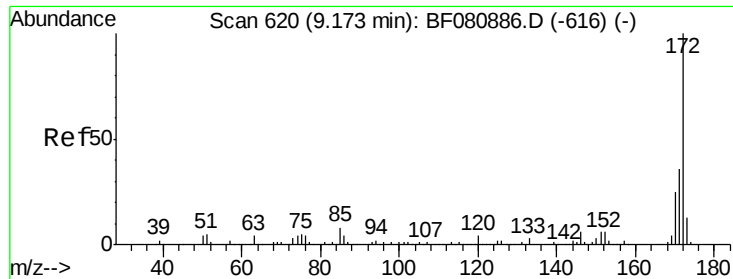


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

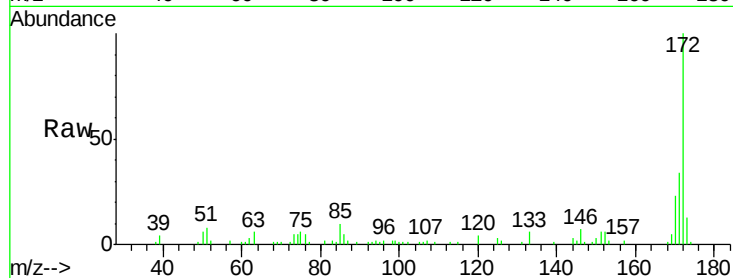




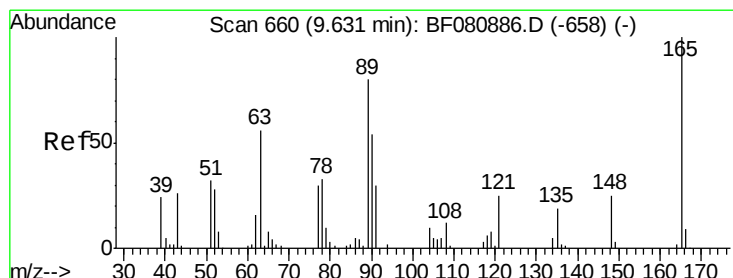
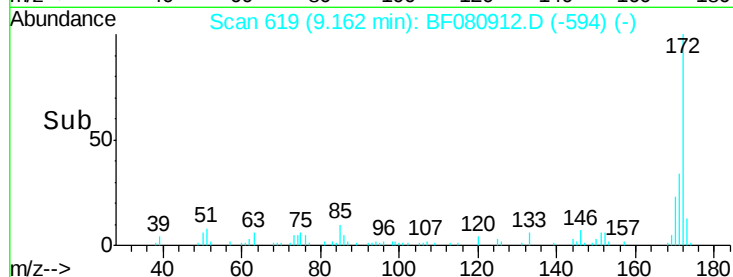
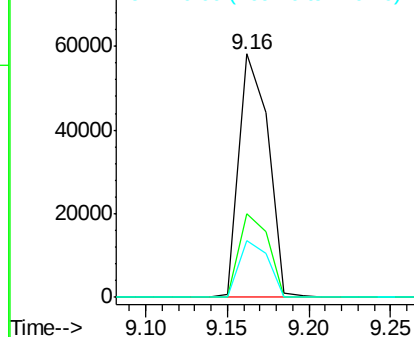
#44
 2-Fluorobiphenyl
 Concen: 6.59 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.01 min
 Lab File: BF080912.D
 Acq: 7 Aug 2015 4:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.5	29.0	43.4
170	23.2	19.9	29.9

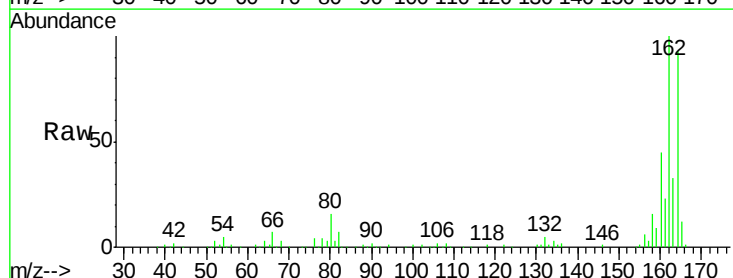


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

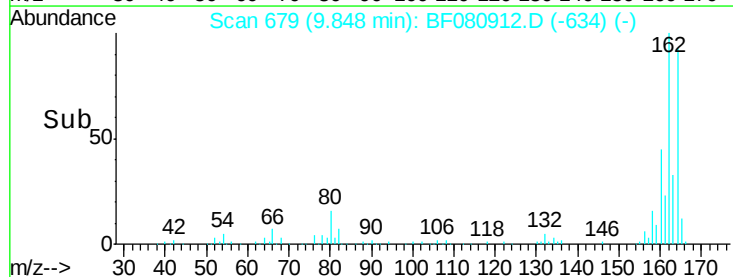
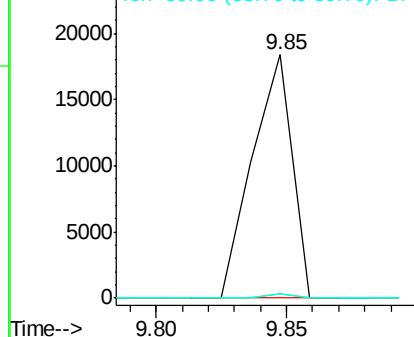


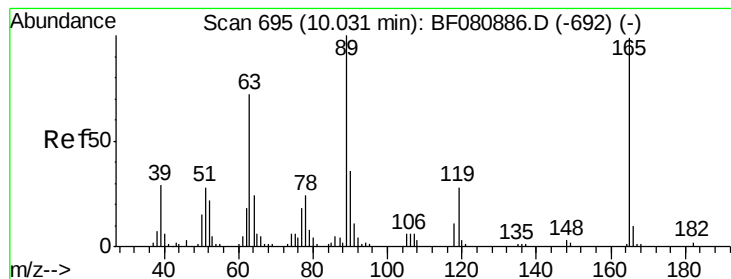
#50
 2,6-Dinitrotoluene
 Concen: 7.47 ng
 RT: 9.85 min Scan# 679
 Delta R.T. 0.22 min
 Lab File: BF080912.D
 Acq: 7 Aug 2015 4:13

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	77.6	116.4#
89	1.9	63.7	95.5#



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: 5.55 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.18 min

Lab File: BF080912.D

Acq: 7 Aug 2015 4:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 19714

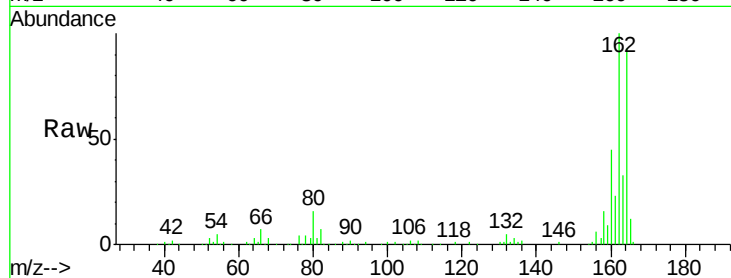
Ion Ratio Lower Upper

165 100

63 1.9 58.6 87.8#

89 1.9 80.7 121.1#

182 0.0 1.8 2.8#

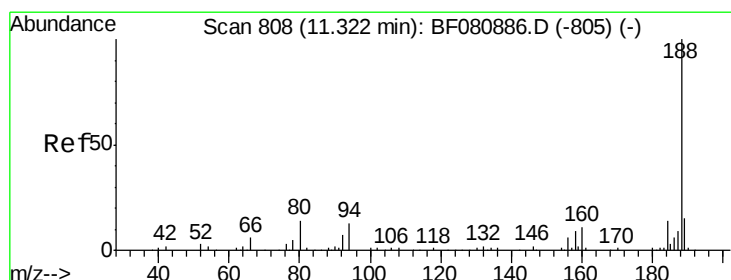
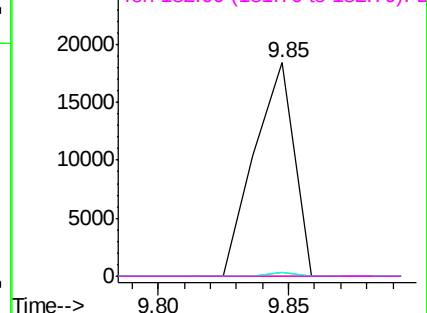
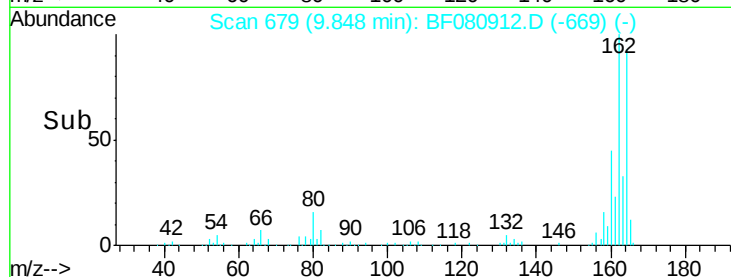


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF080912.D

Acq: 7 Aug 2015 4:13

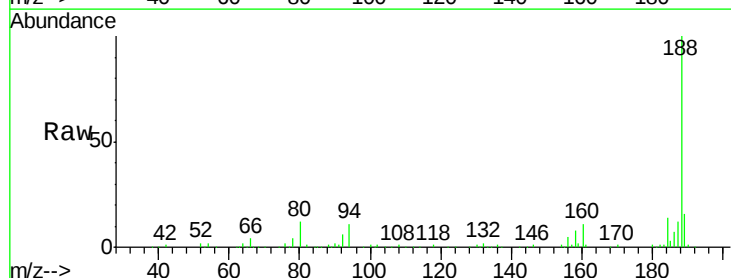
Tgt Ion:188 Resp: 317833

Ion Ratio Lower Upper

188 100

94 10.6 10.2 15.2

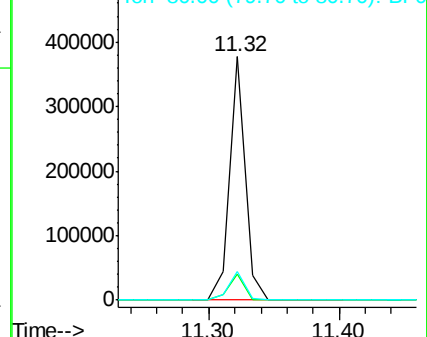
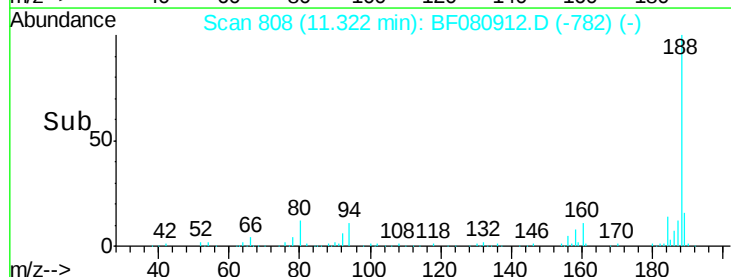
80 11.6 11.4 17.2

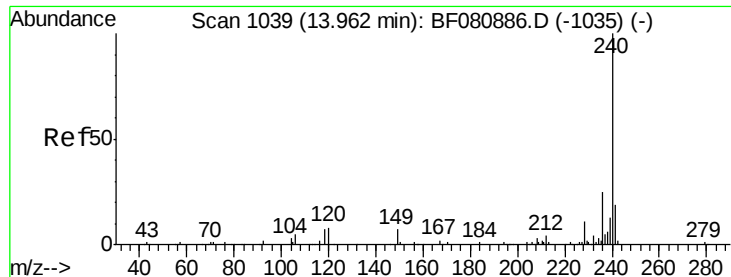


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF080912.D

Acq: 7 Aug 2015 4:13

Instrument :

BNA_F

ClientSampleId :

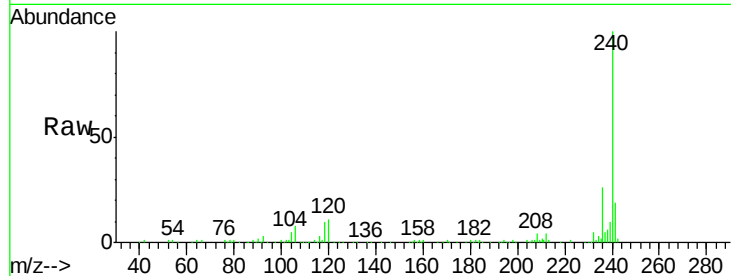
Tot Ion:240 Resp: 279483

Ion Ratio Lower Upper

240 100

120 11.4 6.4 9.6#

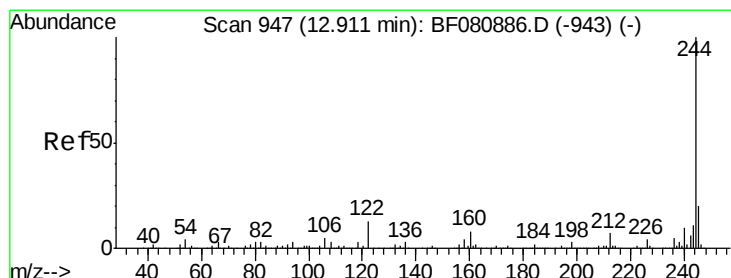
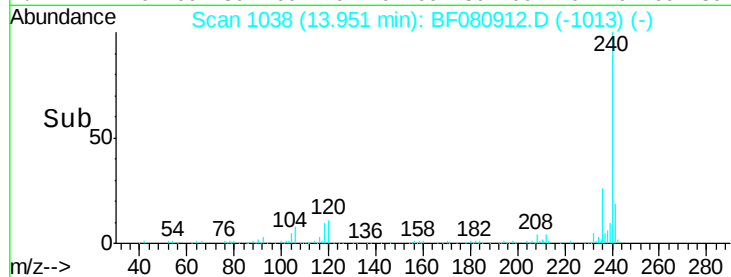
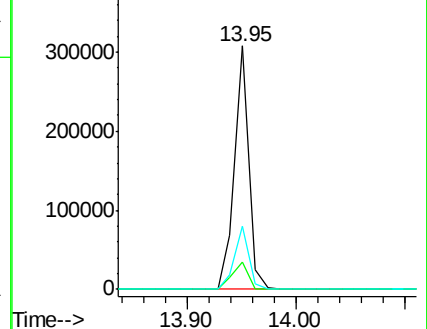
236 25.8 20.2 30.4



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: 6.30 ng

RT: 12.90 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF080912.D

Acq: 7 Aug 2015 4:13

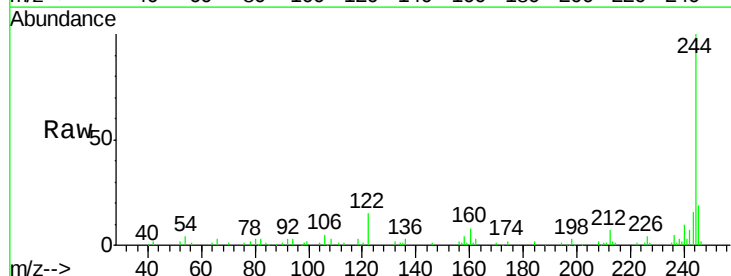
Tgt Ion:244 Resp: 83538

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

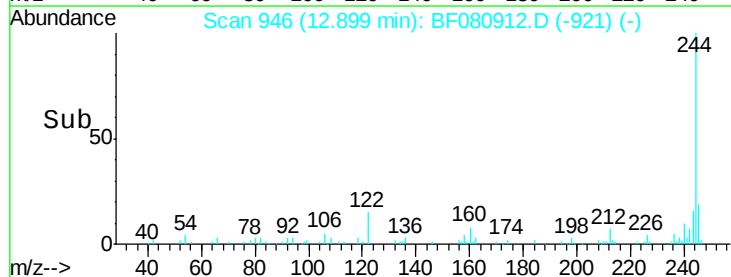
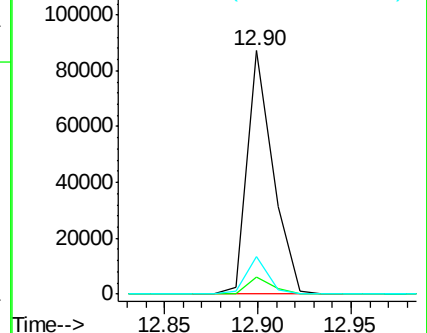
122 15.2 10.6 16.0

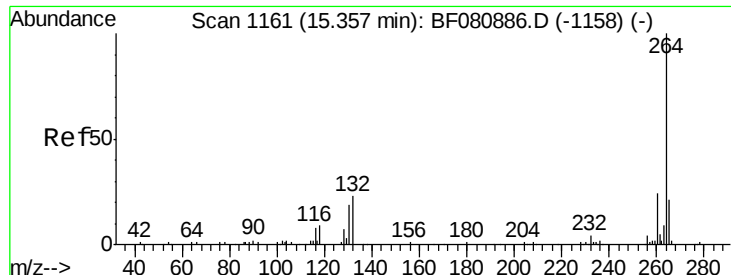


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

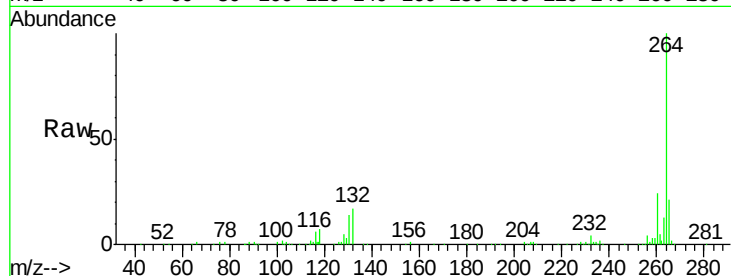




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: BF080912.D
 Acq: 7 Aug 2015 4:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
235153	264	100		
	260	24.3	19.0	28.4
	265	21.3	17.0	25.6



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

