

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081115\
 Data File : BF080966.D
 Acq On : 11 Aug 2015 17:31
 Operator : UM/IZ
 Sample : PB84929BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 12 00:36:43 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 08 01:33:05 2015
 Response via : Initial Calibration

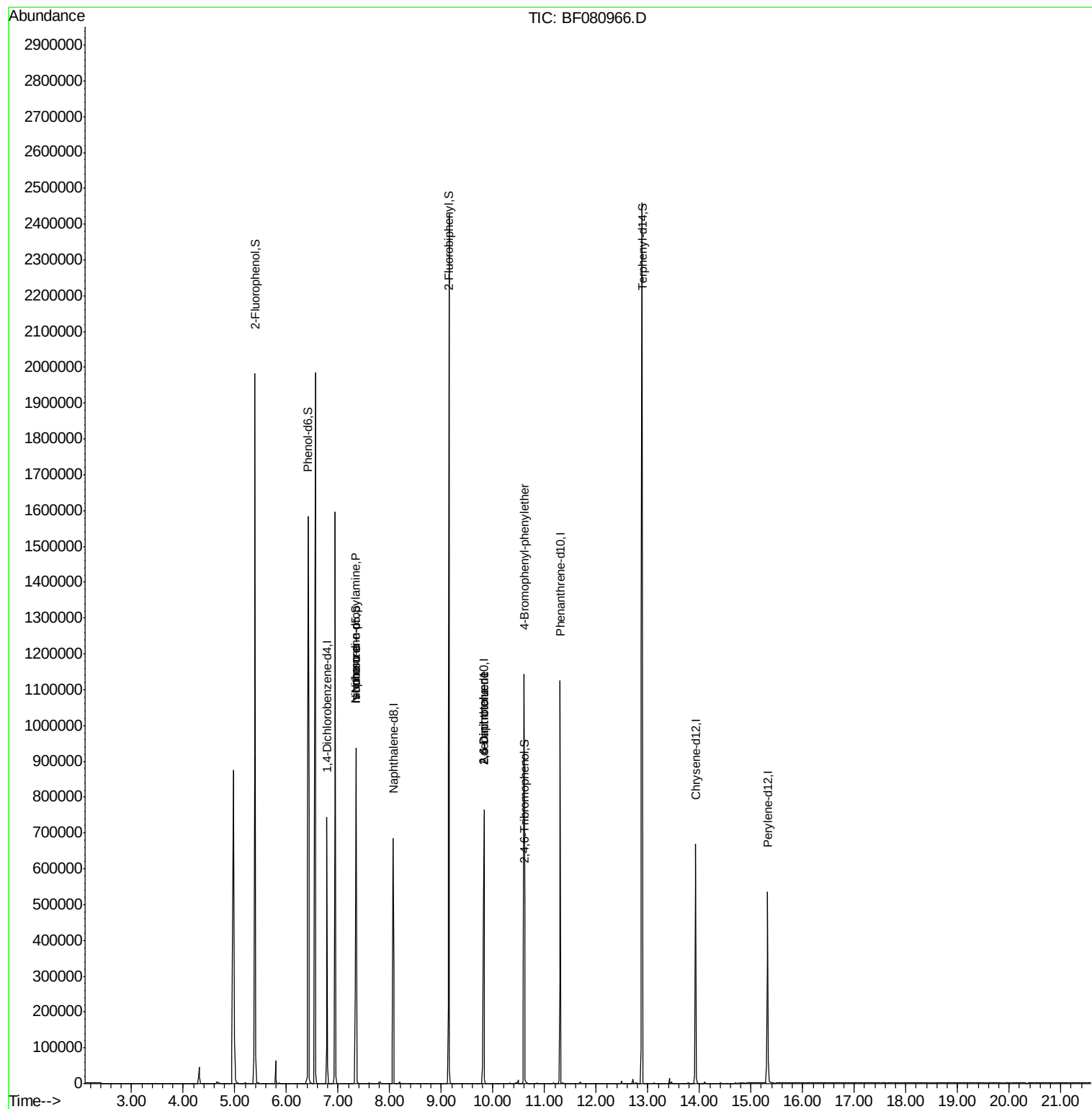
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	94726	20.00	ng	-0.02
21) Naphthalene-d8	8.06	136	353944	20.00	ng	-0.03
38) Acenaphthene-d10	9.82	164	189069	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	398574	20.00	ng	-0.02
75) Chrysene-d12	13.93	240	327658	20.00	ng	-0.03
86) Perylene-d12	15.32	264	256686	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	523140	90.23	ng	0.01
7) Phenol-d6	6.42	99	707026	88.99	ng	-0.02
23) Nitrobenzene-d5	7.34	82	464896	62.13	ng	-0.03
41) 2,4,6-Tribromophenol	10.61	330	156966	75.57	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	811886	60.45	ng	-0.02
78) Terphenyl-d14	12.89	244	866310	54.61	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.34	70	61147	10.53	ng	# 78
25) Isophorone	7.34	82	406421	28.24	ng	# 65
50) 2,6-Dinitrotoluene	9.82	165	23772	7.33	ng	# 7
56) 2,4-Dinitrotoluene	9.82	165	23772	5.48	ng	# 9
66) 4-Bromophenyl-phenylether	10.60	248	9369	2.22	ng	# 1

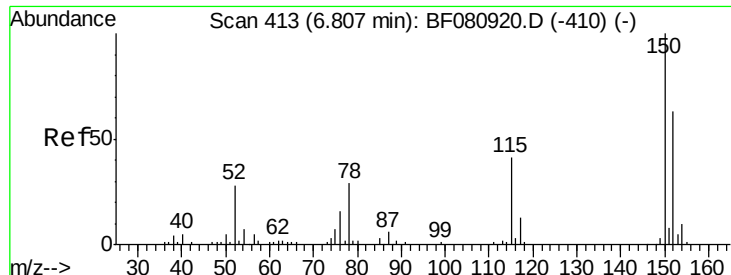
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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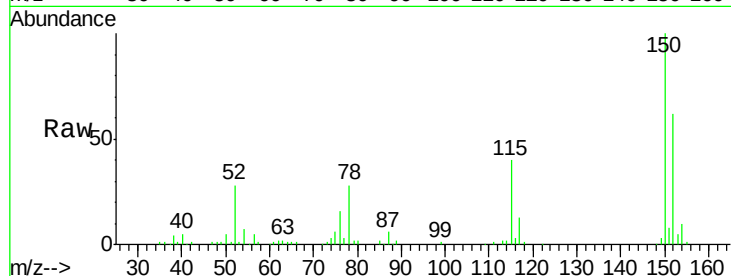


#1

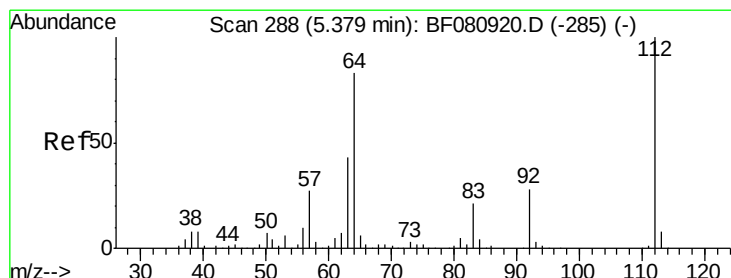
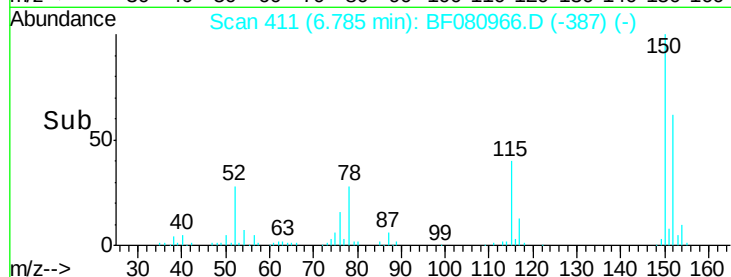
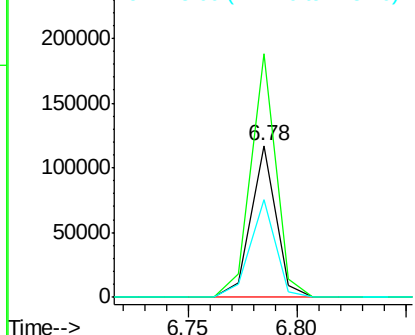
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.02 min
Lab File: BF080966.D
Acq: 11 Aug 2015 17:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 94726
Ion Ratio Lower Upper
152 100
150 160.4 127.4 191.2
115 64.5 52.6 78.8



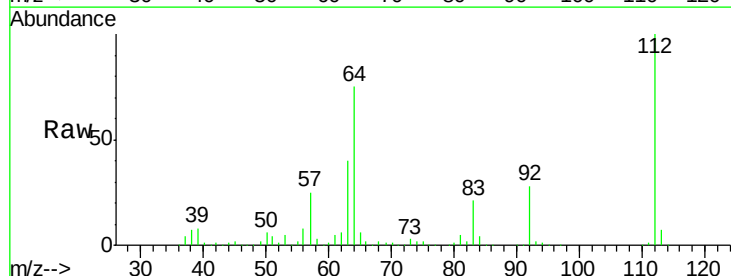
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



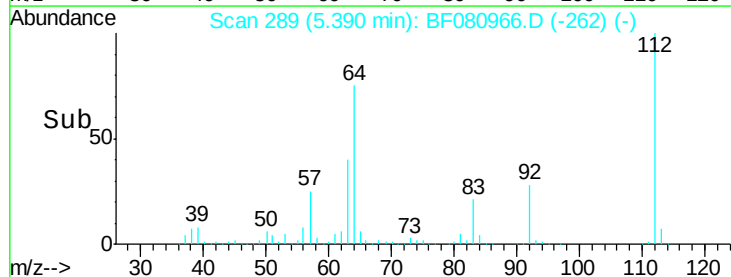
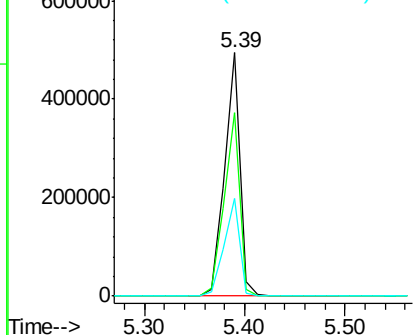
#5

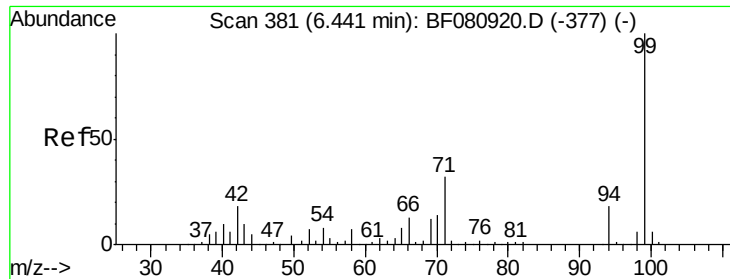
2-Fluorophenol
Concen: 90.23 ng
RT: 5.39 min Scan# 289
Delta R.T. 0.01 min
Lab File: BF080966.D
Acq: 11 Aug 2015 17:31

Tgt Ion:112 Resp: 523140
Ion Ratio Lower Upper
112 100
64 75.4 66.1 99.1
63 40.0 34.6 52.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 88.99 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF080966.D

Acq: 11 Aug 2015 17:31

Instrument :

BNA_F

ClientSampleId :

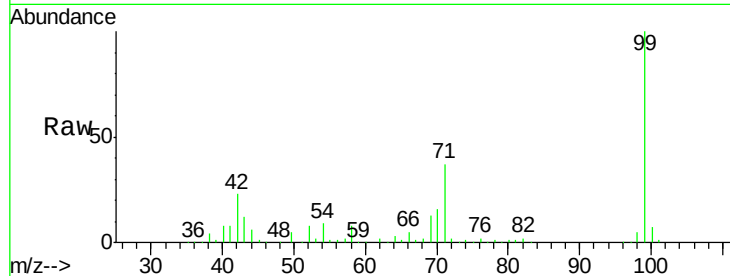
Tot Ion: 99 Resp: 707026

Ion Ratio Lower Upper

99 100

42 23.0 14.4 21.6#

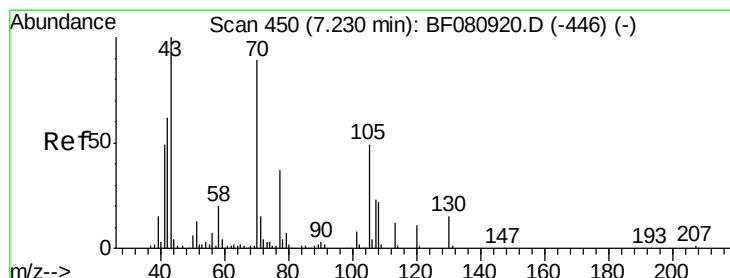
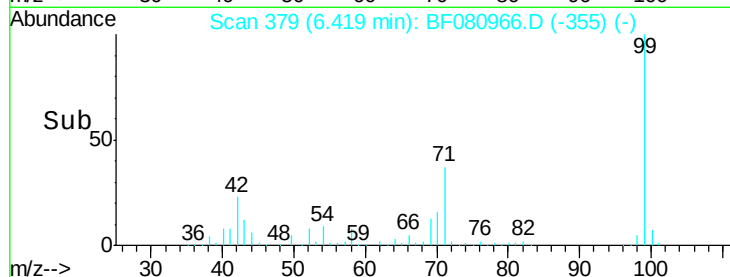
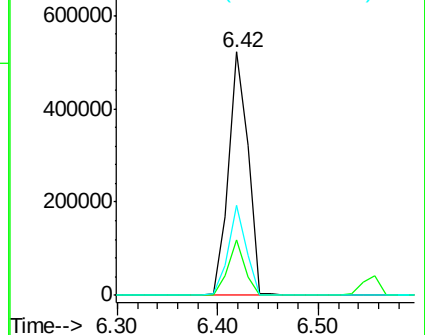
71 37.1 25.8 38.8



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



#19

n-Nitroso-di-n-propylamine

Concen: 10.53 ng

RT: 7.34 min Scan# 460

Delta R.T. 0.11 min

Lab File: BF080966.D

Acq: 11 Aug 2015 17:31

Tgt Ion: 70 Resp: 61147

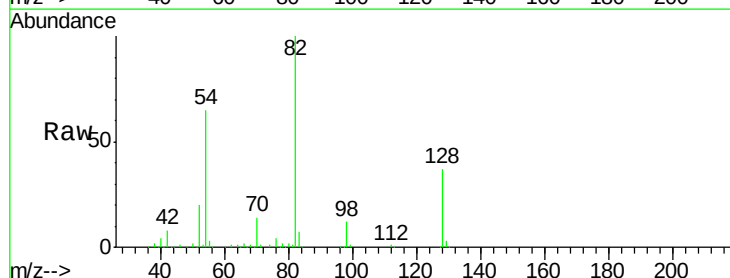
Ion Ratio Lower Upper

70 100

42 55.0 55.7 83.5#

101 0.0 7.0 10.6#

130 1.8 13.8 20.8#

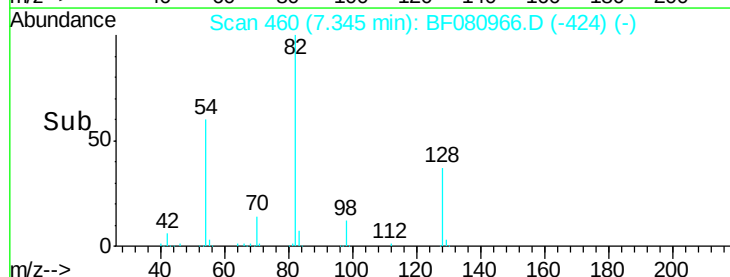
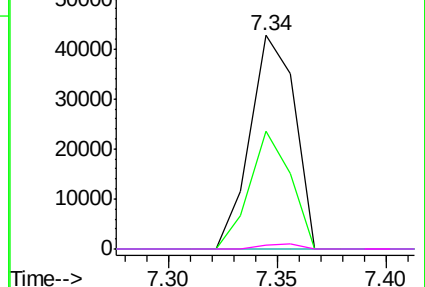


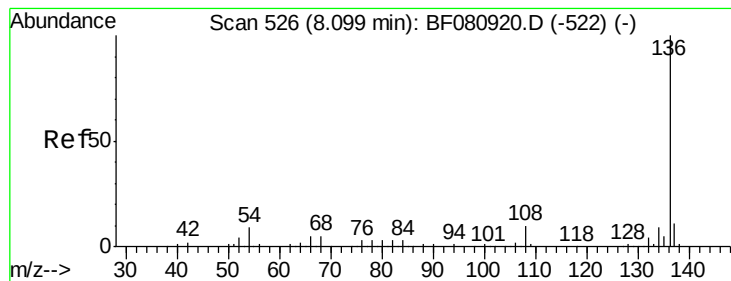
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.03 min

Lab File: BF080966.D

Acq: 11 Aug 2015 17:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 353944

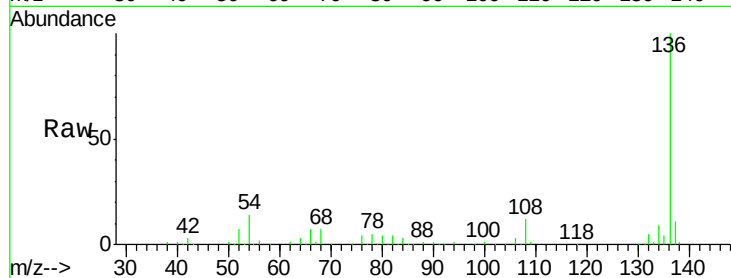
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 14.4 7.1 10.7#

68 7.3 3.8 5.8#

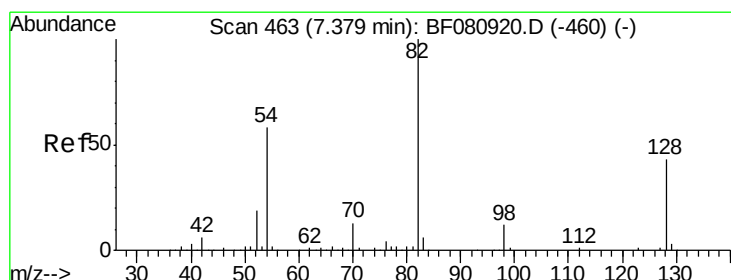
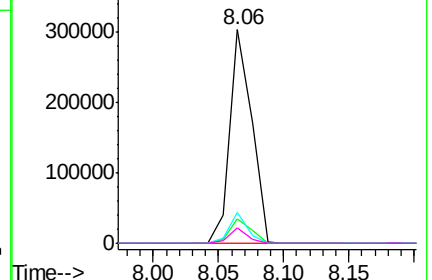
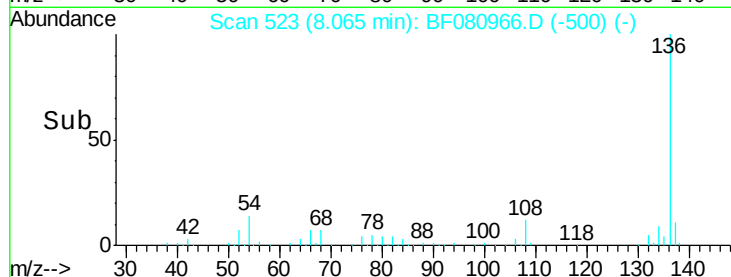


Abundance Ion 136.00 (135.70 to 136.70): E

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: 62.13 ng

RT: 7.34 min Scan# 460

Delta R.T. -0.03 min

Lab File: BF080966.D

Acq: 11 Aug 2015 17:31

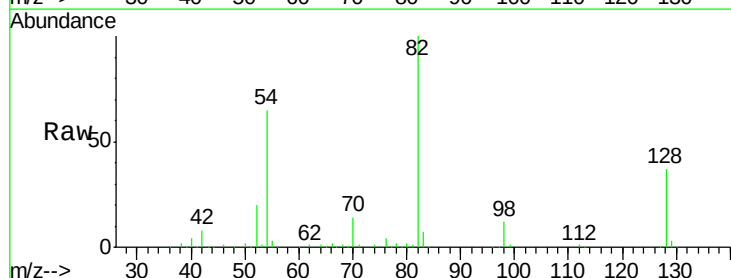
Tgt Ion: 82 Resp: 464896

Ion Ratio Lower Upper

82 100

128 36.9 34.1 51.1

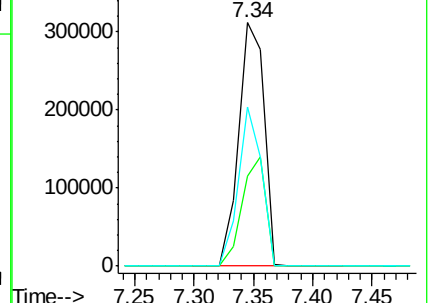
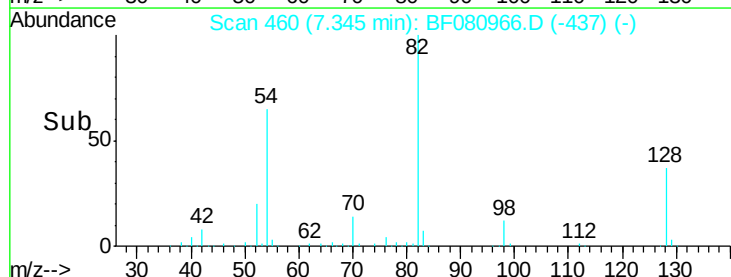
54 65.2 46.5 69.7

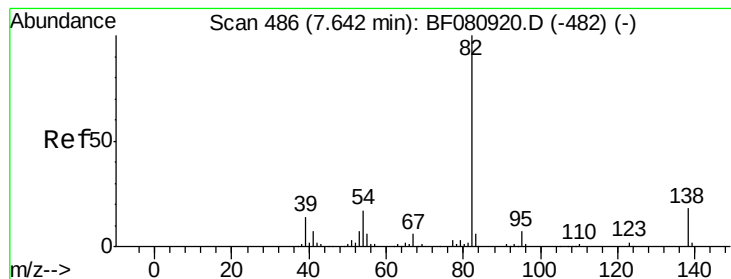


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 28.24 ng

RT: 7.34 min Scan# 460

Delta R.T. -0.30 min

Lab File: BF080966.D

Acq: 11 Aug 2015 17:31

Instrument :

BNA_F

ClientSampleId :

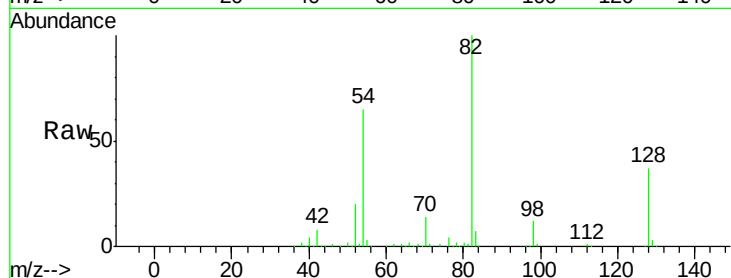
Tot Ion: 82 Resp: 406421

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 14.1 21.1#

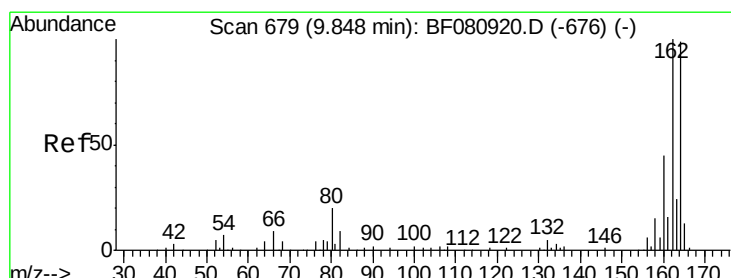
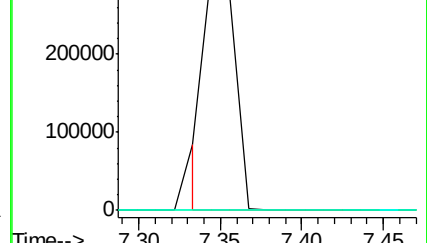
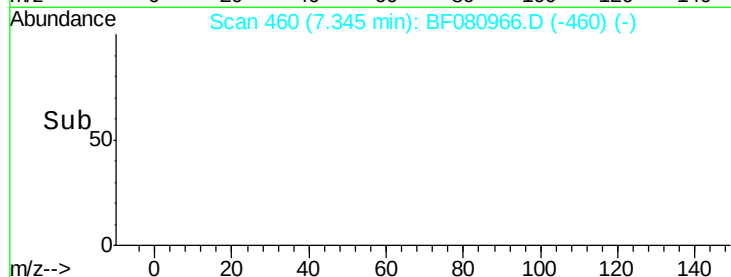


Abundance Ion 82.00 (81.70 to 82.70): BF080920.D (-482) (-)

Ion 95.00 (94.70 to 95.70): BF080920.D (-482) (-)

Ion 138.00 (137.70 to 138.70): BF080920.D (-482) (-)

Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.02 min

Lab File: BF080966.D

Acq: 11 Aug 2015 17:31

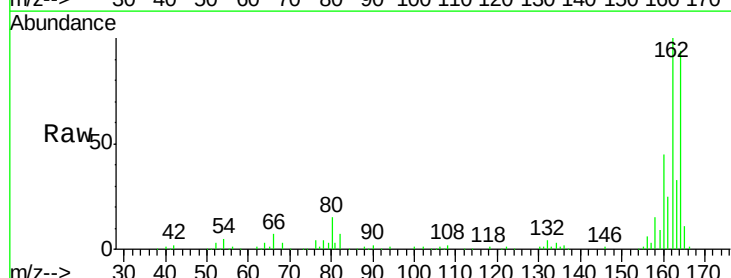
Tgt Ion:164 Resp: 189069

Ion Ratio Lower Upper

164 100

162 106.9 80.5 120.7

160 47.7 36.6 54.8

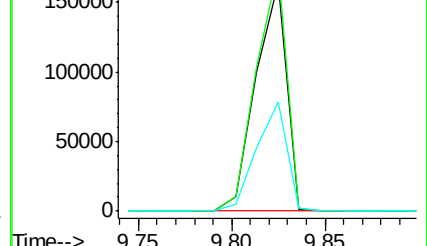
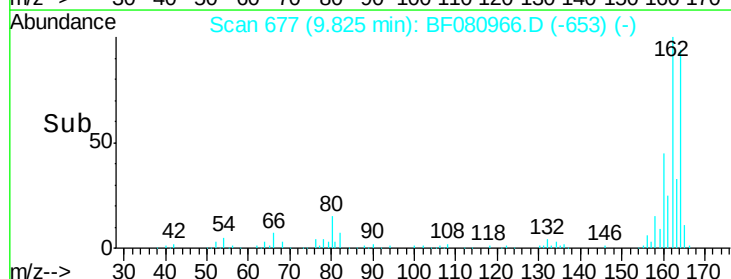


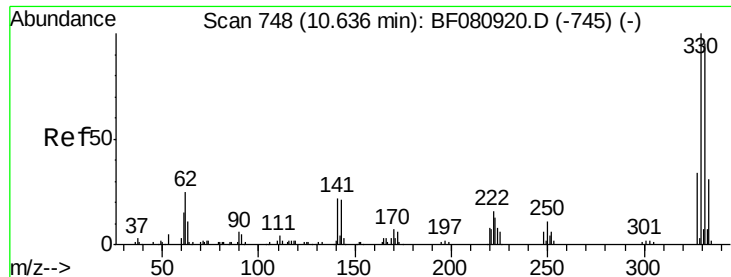
Abundance Ion 164.00 (163.70 to 164.70): BF080920.D (-676) (-)

Ion 162.00 (161.70 to 162.70): BF080920.D (-676) (-)

Ion 160.00 (159.70 to 160.70): BF080920.D (-676) (-)

Time-->

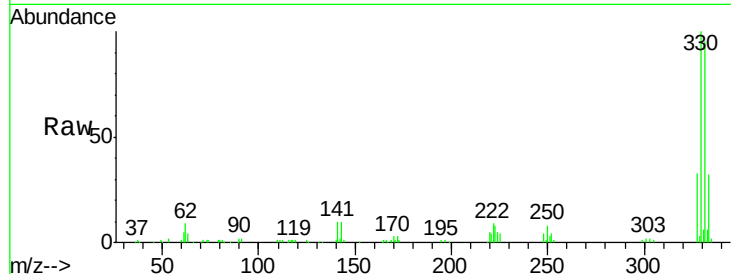




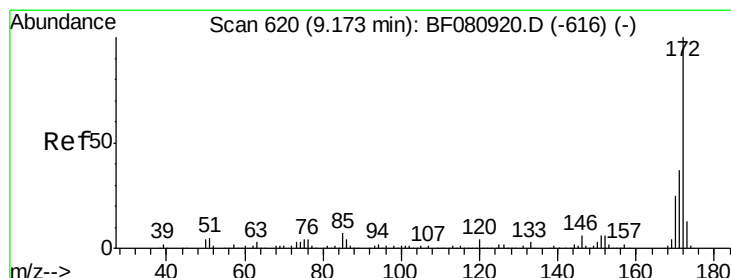
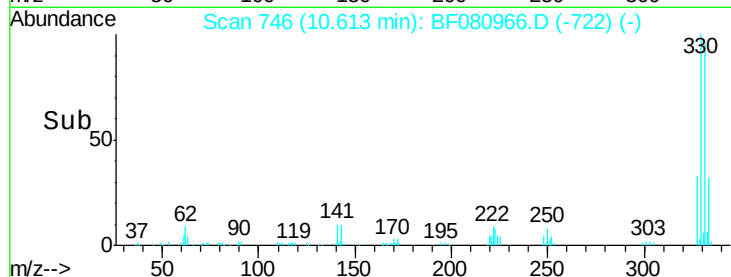
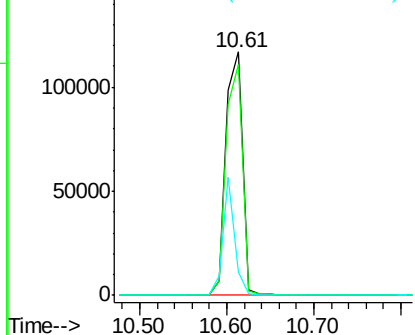
#41
 2,4,6-Tribromophenol
 Concen: 75.57 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.02 min
 Lab File: BF080966.D
 Acq: 11 Aug 2015 17:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.2	76.2	114.4
141	34.4	27.8	41.8

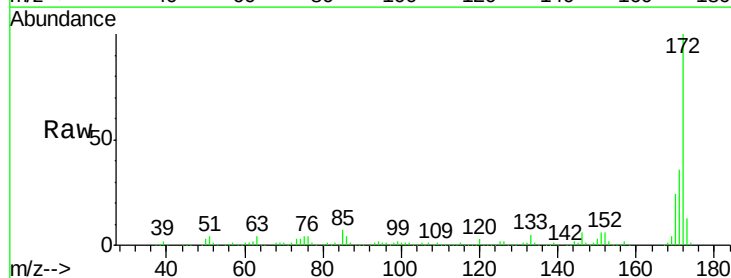


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

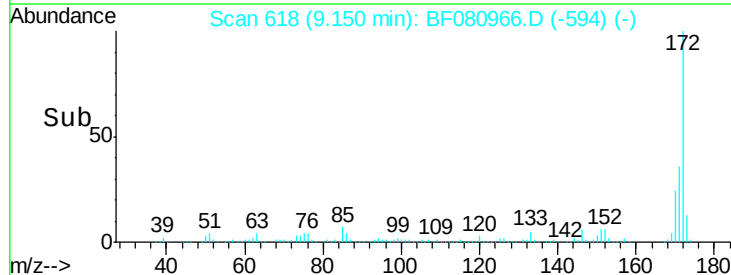
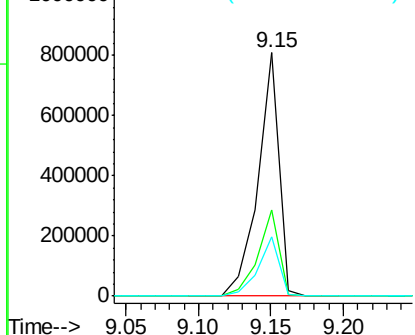


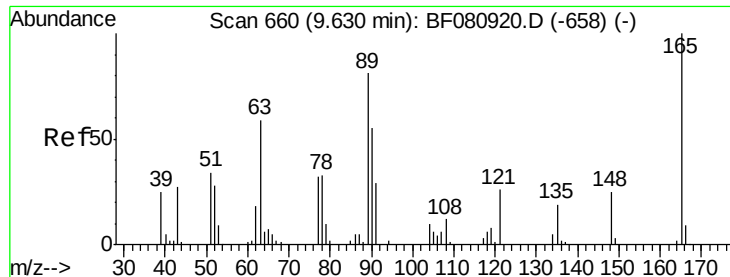
#44
 2-Fluorobiphenyl
 Concen: 60.45 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF080966.D
 Acq: 11 Aug 2015 17:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.4	44.0
170	24.4	19.7	29.5



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

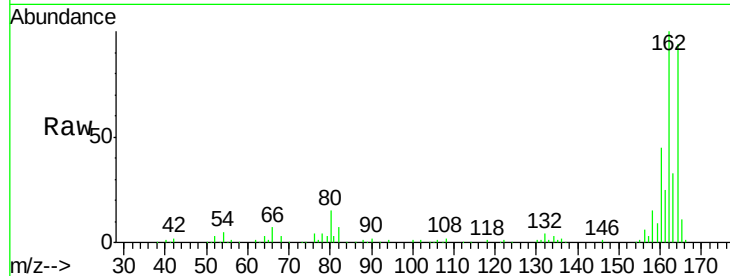




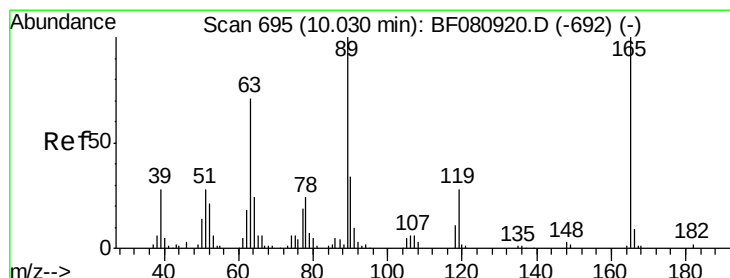
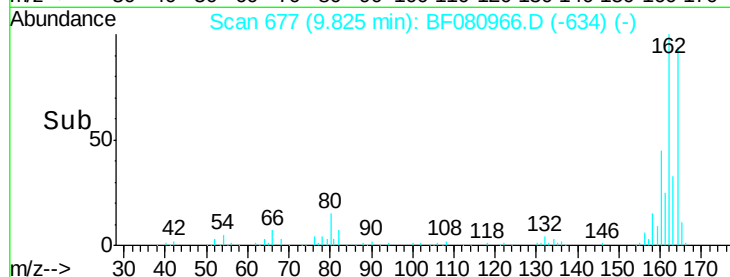
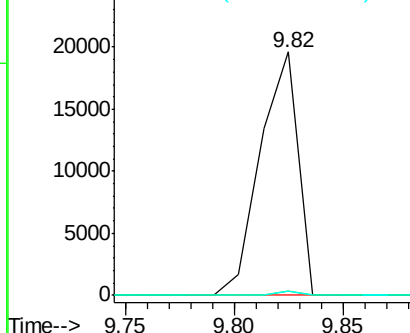
#50
 2,6-Dinitrotoluene
 Concen: 7.33 ng
 RT: 9.82 min Scan# 677
 Delta R.T. 0.19 min
 Lab File: BF080966.D
 Acq: 11 Aug 2015 17:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 23772
 Ion Ratio Lower Upper
 165 100
 63 1.6 77.6 116.4#
 89 2.0 64.5 96.7#



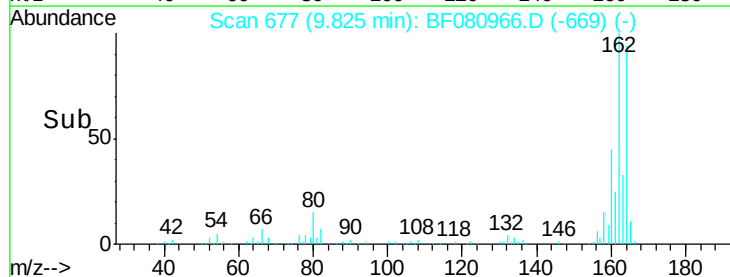
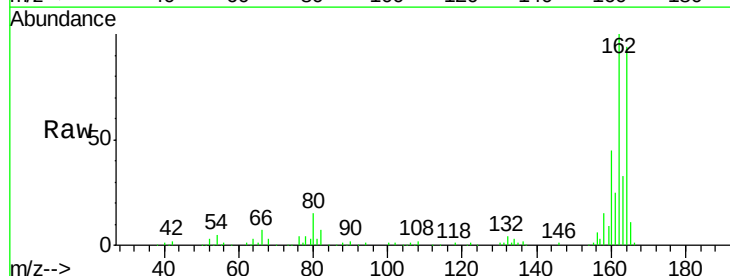
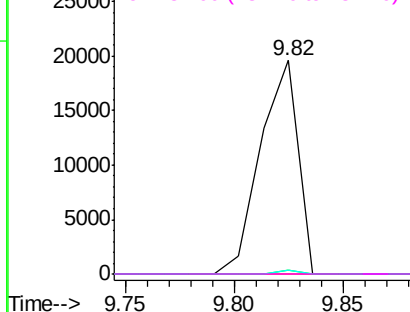
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

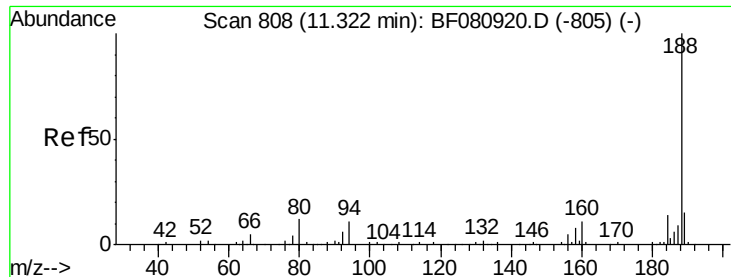


#56
 2,4-Dinitrotoluene
 Concen: 5.48 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.21 min
 Lab File: BF080966.D
 Acq: 11 Aug 2015 17:31

Tgt Ion:165 Resp: 23772
 Ion Ratio Lower Upper
 165 100
 63 1.6 56.7 85.1#
 89 2.0 80.4 120.6#
 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

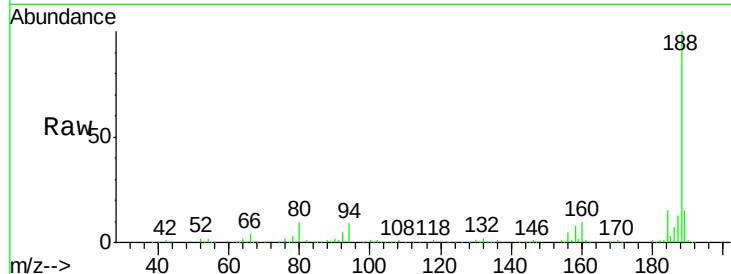




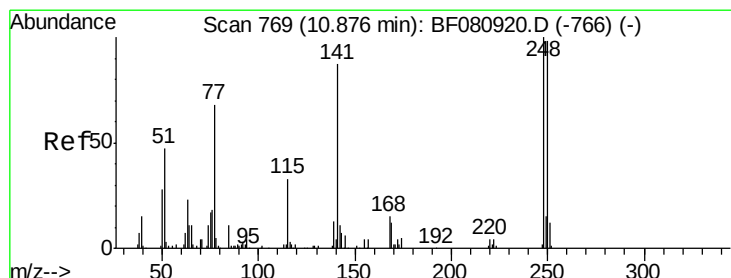
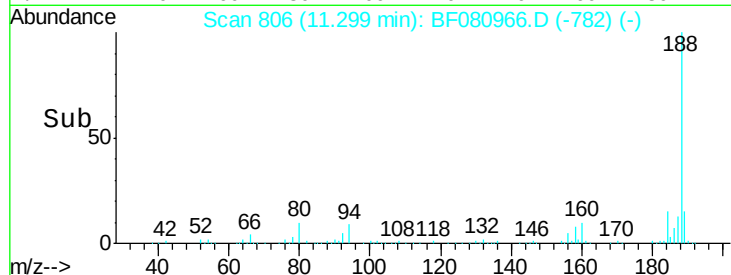
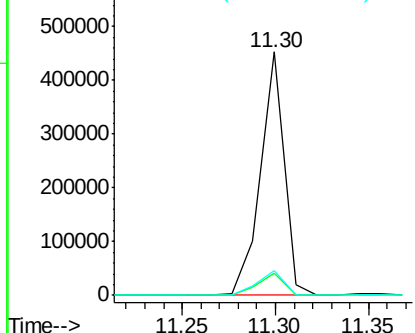
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 806
 Delta R.T. -0.02 min
 Lab File: BF080966.D
 Acq: 11 Aug 2015 17:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 398574
 Ion Ratio Lower Upper
 188 100
 94 9.2 8.8 13.2
 80 10.0 9.5 14.3

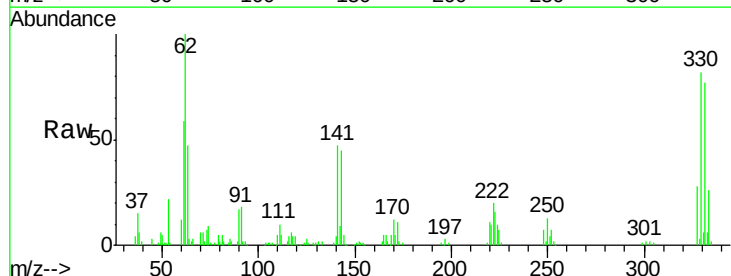


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

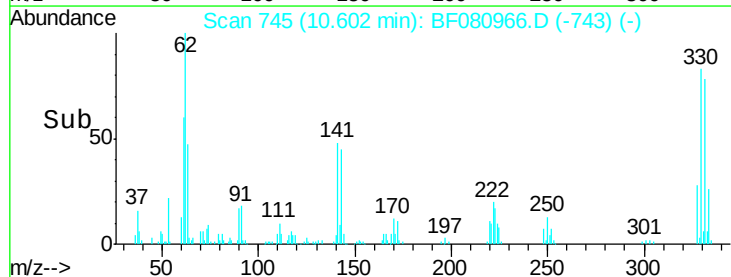
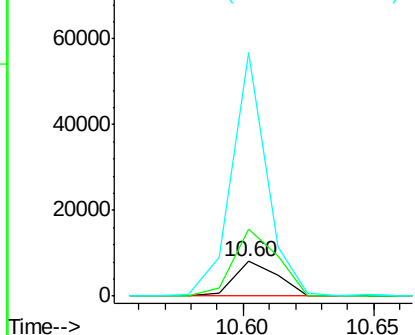


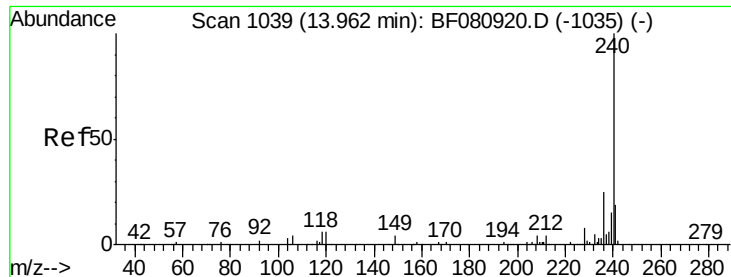
#66
 4-Bromophenyl-phenylether
 Concen: 2.22 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.27 min
 Lab File: BF080966.D
 Acq: 11 Aug 2015 17:31

Tgt Ion:248 Resp: 9369
 Ion Ratio Lower Upper
 248 100
 250 194.1 78.1 117.1#
 141 703.5 69.6 104.4#



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: 13.93 min Scan# 1036

Delta R.T. -0.03 min

Lab File: BF080966.D

Acq: 11 Aug 2015 17:31

Instrument :

BNA_F

ClientSampleId :

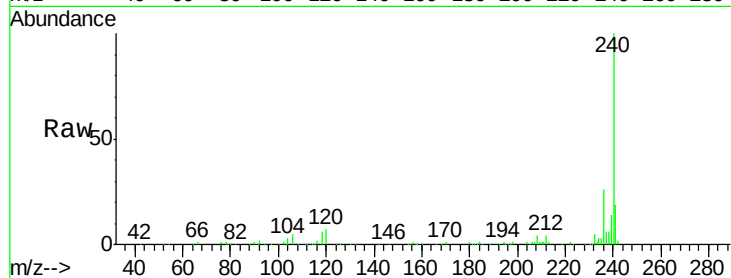
Tot Ion:240 Resp: 327658

Ion Ratio Lower Upper

240 100

120 7.0 5.2 7.8

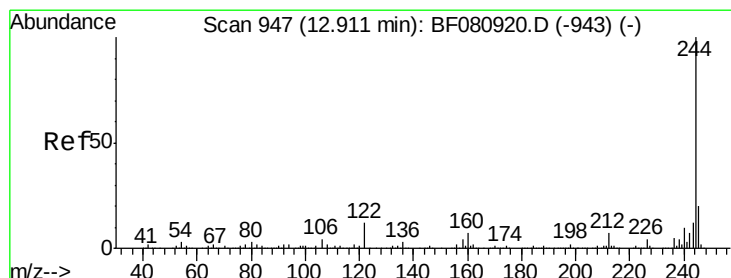
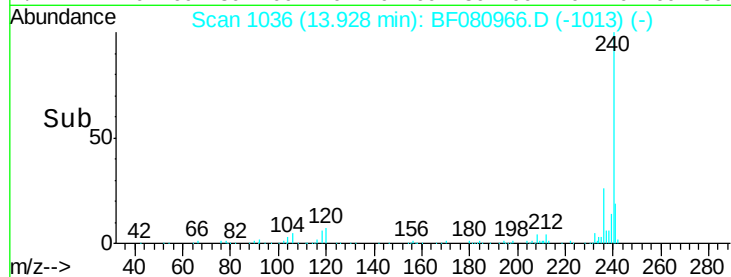
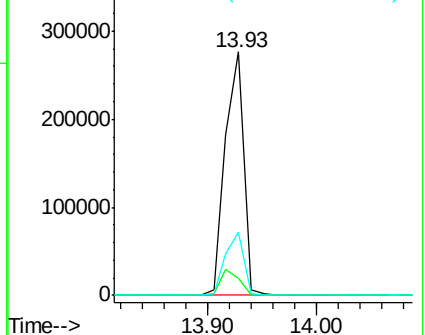
236 26.0 20.2 30.4



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: 54.61 ng

RT: 12.89 min Scan# 945

Delta R.T. -0.02 min

Lab File: BF080966.D

Acq: 11 Aug 2015 17:31

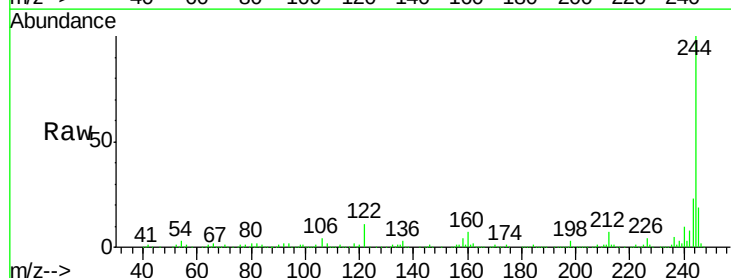
Tgt Ion:244 Resp: 866310

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

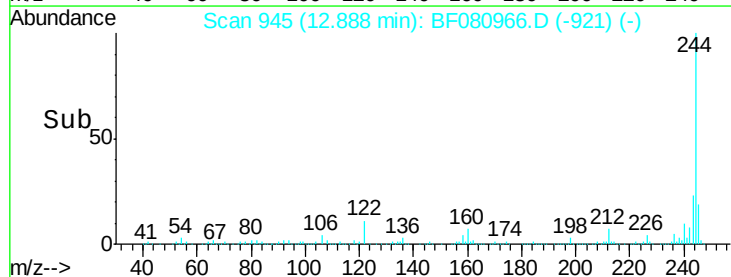
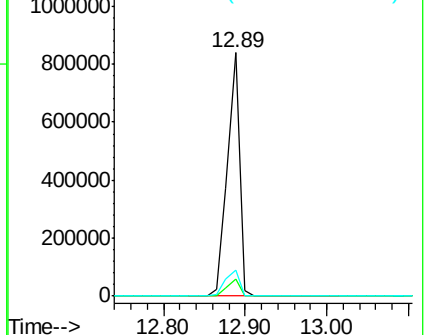
122 10.9 9.4 14.2

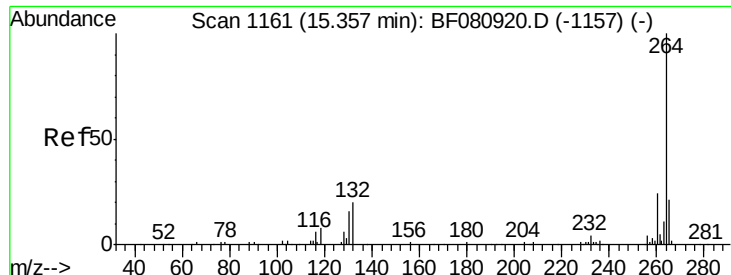


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.32 min Scan# 1158
Delta R.T. -0.03 min
Lab File: BF080966.D
Acq: 11 Aug 2015 17:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.0
265	21.7	17.0	25.4

