

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080715\
 Data File : BF080940.D
 Acq On : 8 Aug 2015 00:05
 Operator : TP/UM
 Sample : PB84904BL
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 08 02:03:28 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

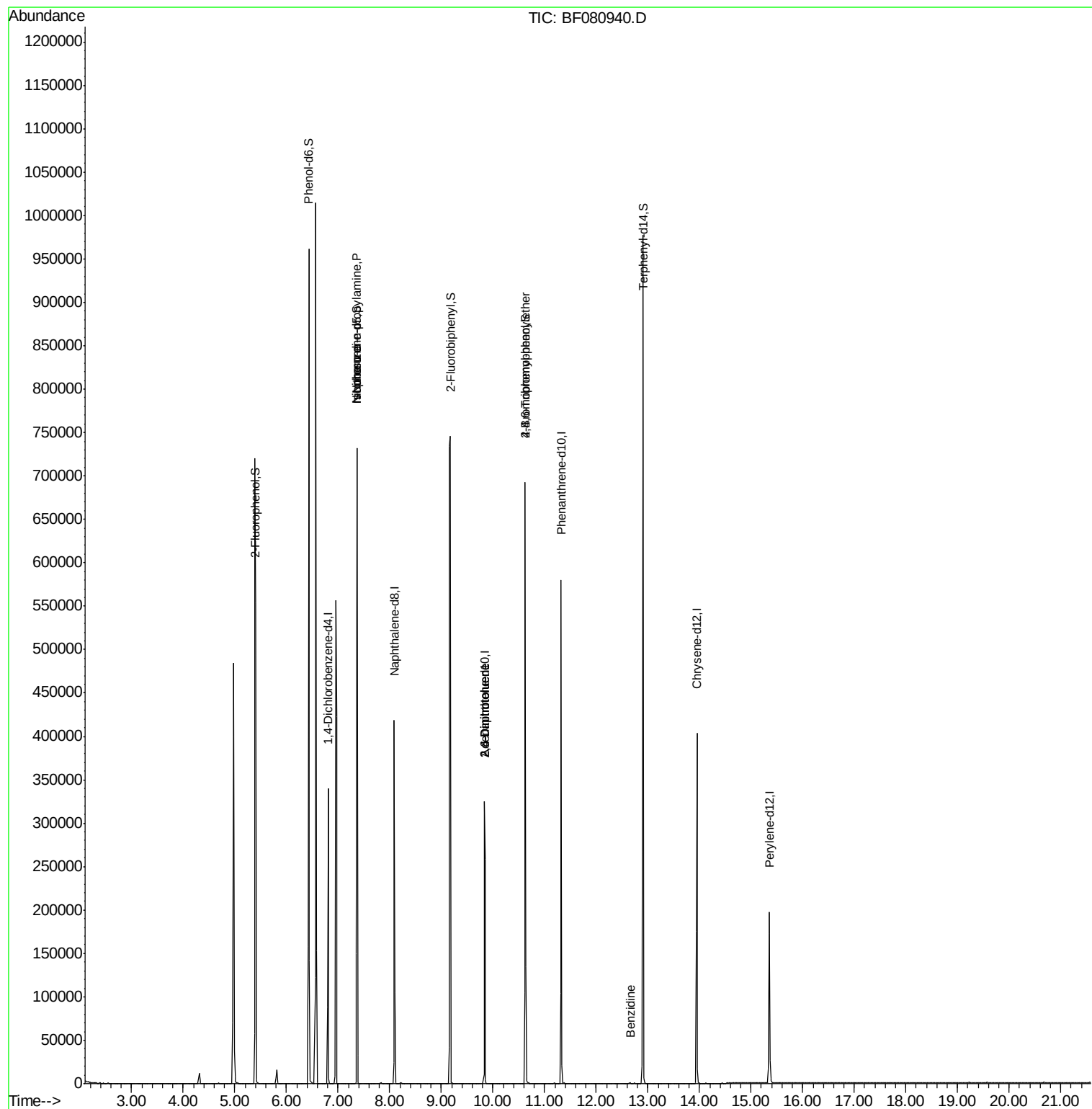
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	48521	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	179005	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	85463	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	199714	20.00	ng	0.00
75) Chrysene-d12	13.95	240	158240	20.00	ng	-0.01
86) Perylene-d12	15.36	264	114710	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	241143	81.20	ng	0.02
7) Phenol-d6	6.43	99	292588	71.90	ng	-0.01
23) Nitrobenzene-d5	7.37	82	212566	56.17	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	72589	77.31	ng	-0.01
44) 2-Fluorobiphenyl	9.17	172	364604	60.06	ng	0.00
78) Terphenyl-d14	12.91	244	414000	54.04	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	27629	9.29	ng	# 78
25) Isophorone	7.37	82	177974	24.45	ng	# 65
50) 2,6-Dinitrotoluene	9.84	165	11091	7.56	ng	# 5
56) 2,4-Dinitrotoluene	9.84	165	11092	5.65	ng	# 7
66) 4-Bromophenyl-phenylether	10.62	248	4992	2.36	ng	# 1
76) Benzidine	12.66	184	2241	2.49	ng	# 66

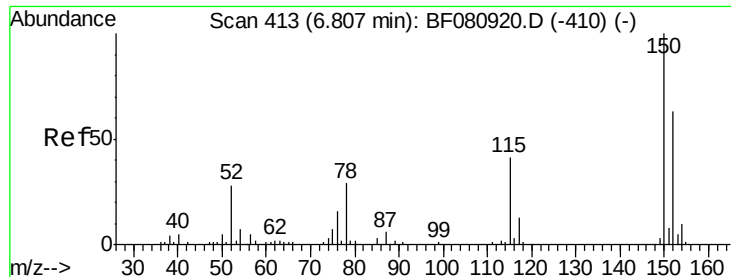
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080715\
Data File : BF080940.D
Acq On : 8 Aug 2015 00:05
Operator : TP/UM
Sample : PB84904BL
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 08 02:03:28 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



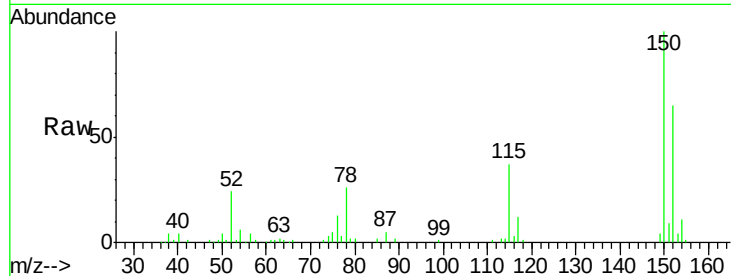


#1

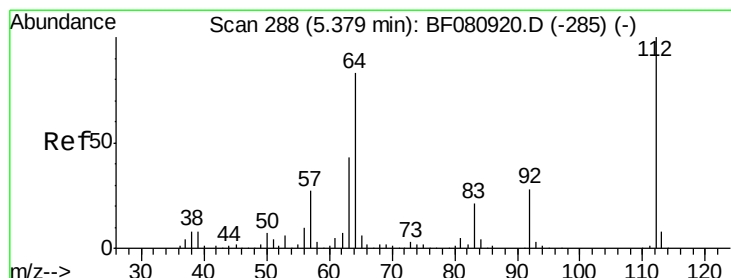
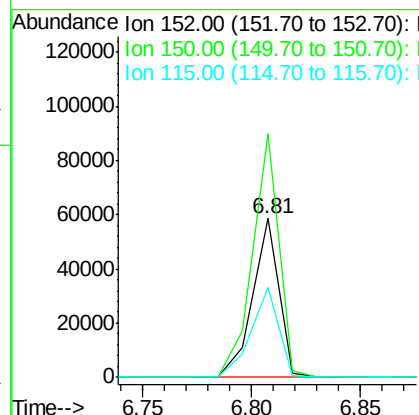
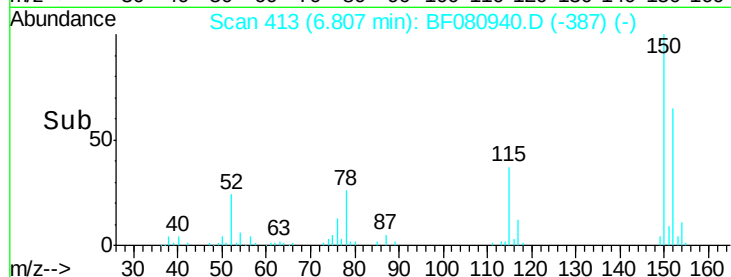
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. 0.00 min
Lab File: BF080940.D
Acq: 8 Aug 2015 00:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 48521
Ion Ratio Lower Upper
152 100
150 153.6 127.4 191.2
115 57.0 52.6 78.8



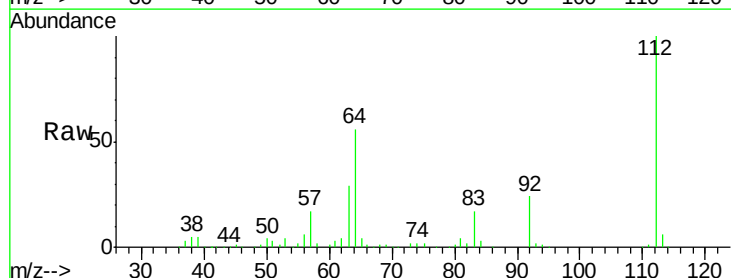
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



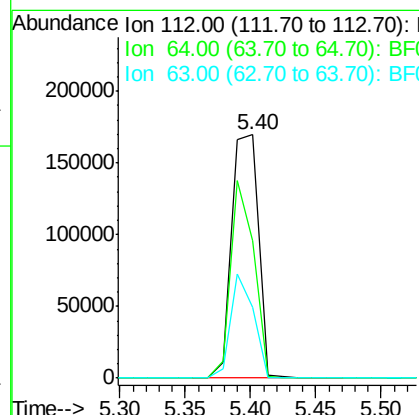
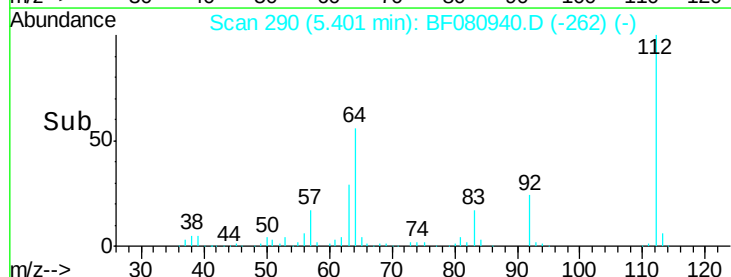
#5

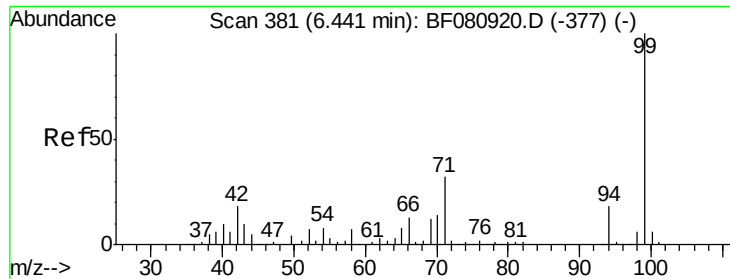
2-Fluorophenol
Concen: 81.20 ng
RT: 5.40 min Scan# 290
Delta R.T. 0.02 min
Lab File: BF080940.D
Acq: 8 Aug 2015 00:05

Tgt Ion:112 Resp: 241143
Ion Ratio Lower Upper
112 100
64 56.2 66.1 99.1#
63 29.1 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: 71.90 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF080940.D

Acq: 8 Aug 2015 00:05

Instrument :

BNA_F

ClientSampleId :

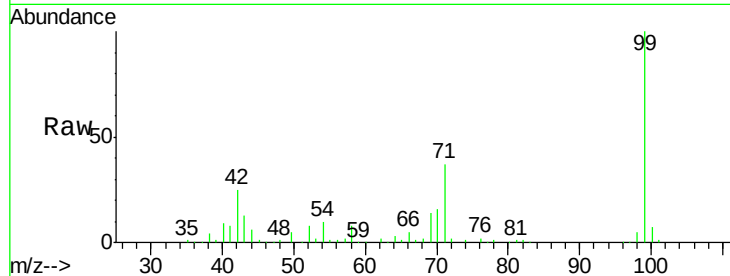
Tot Ion: 99 Resp: 292588

Ion Ratio Lower Upper

99 100

42 24.6 14.4 21.6#

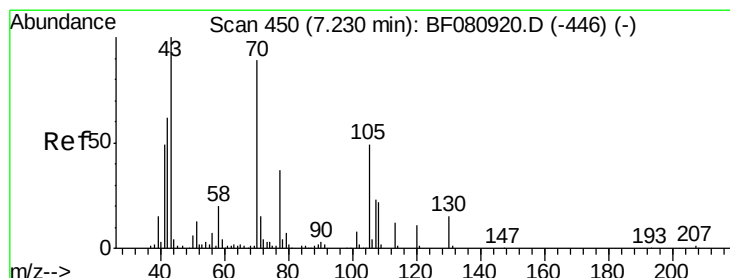
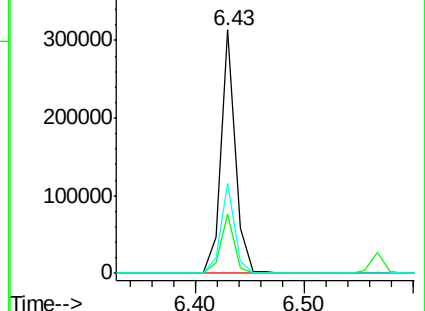
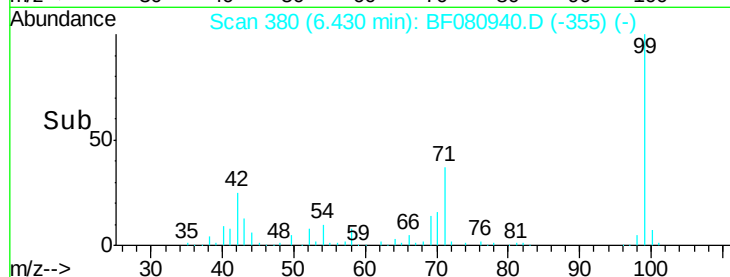
71 37.0 25.8 38.8



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: 9.29 ng

RT: 7.37 min Scan# 462

Delta R.T. 0.14 min

Lab File: BF080940.D

Acq: 8 Aug 2015 00:05

Tgt Ion: 70 Resp: 27629

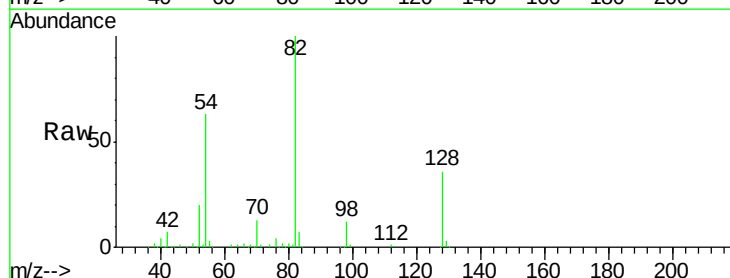
Ion Ratio Lower Upper

70 100

42 54.9 55.7 83.5#

101 0.0 7.0 10.6#

130 1.7 13.8 20.8#

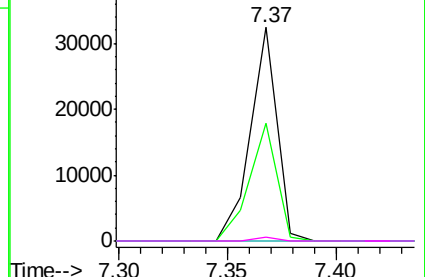
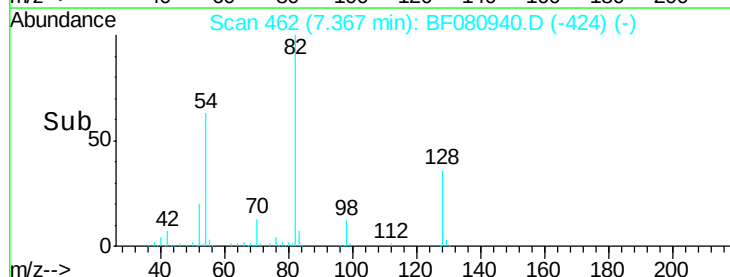


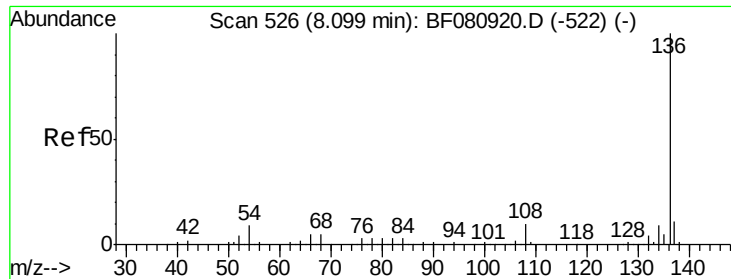
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

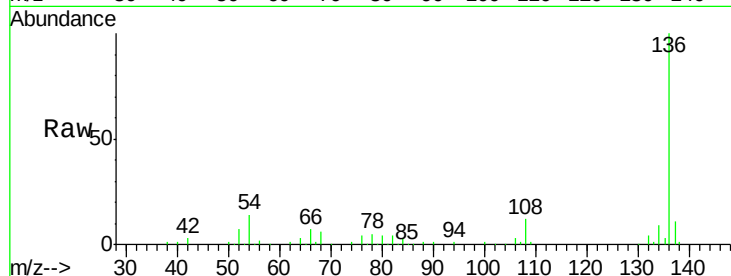




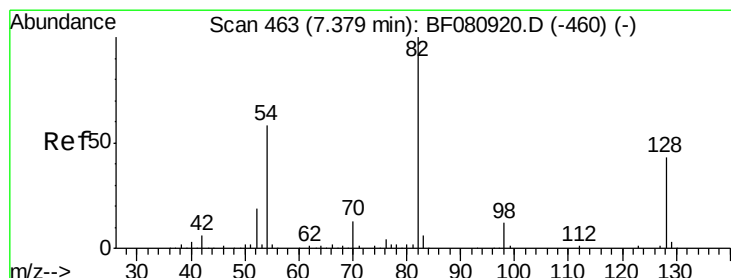
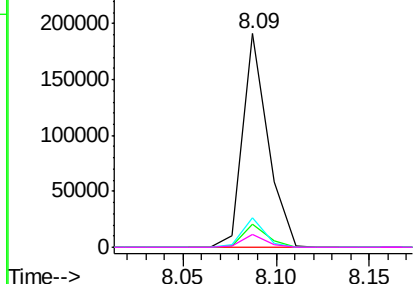
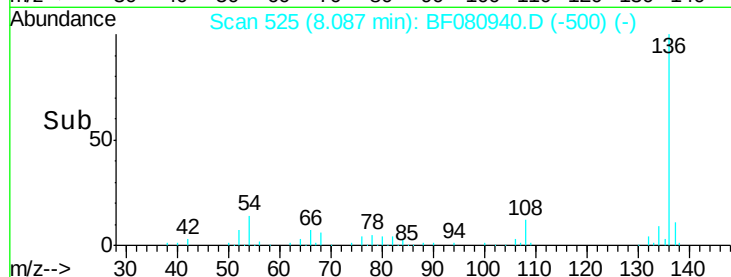
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.01 min
Lab File: BF080940.D
Acq: 8 Aug 2015 00:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	179005
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.5 12.7
54	13.5	7.1 10.7
68	6.3	3.8 5.8

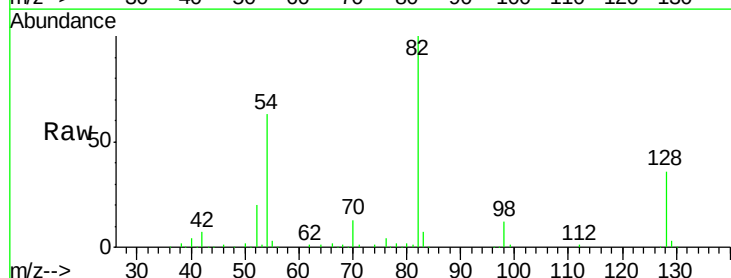


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

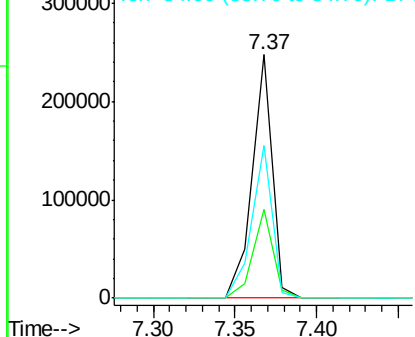
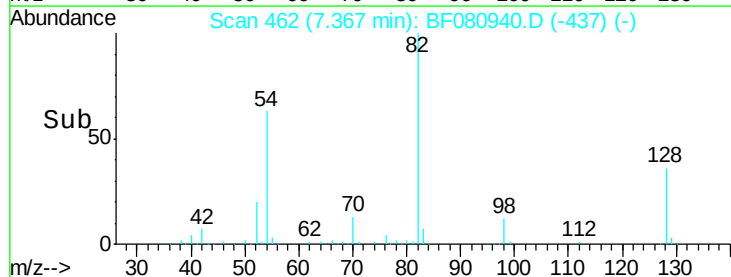


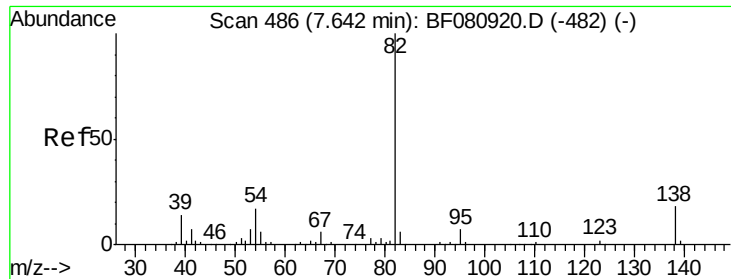
#23
Nitrobenzene-d5
Concen: 56.17 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF080940.D
Acq: 8 Aug 2015 00:05

Tgt Ion: 82	Resp:	212566
Ion Ratio	Lower	Upper
82	100	
128	36.4	34.1 51.1
54	62.9	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: 24.45 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.27 min

Lab File: BF080940.D

Acq: 8 Aug 2015 00:05

Instrument :

BNA_F

ClientSampleId :

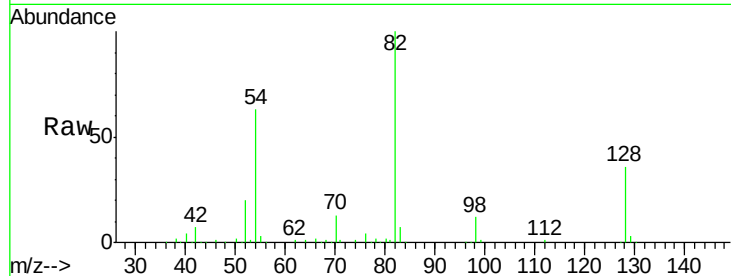
Tot Ion: 82 Resp: 177974

Ion Ratio Lower Upper

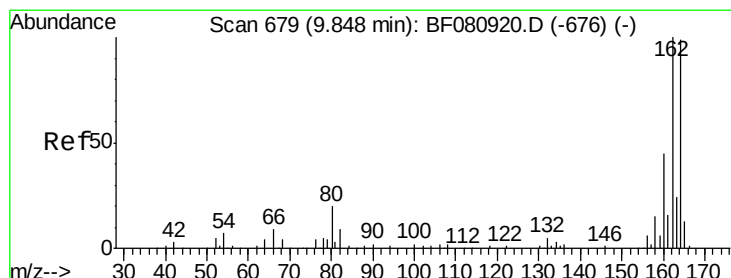
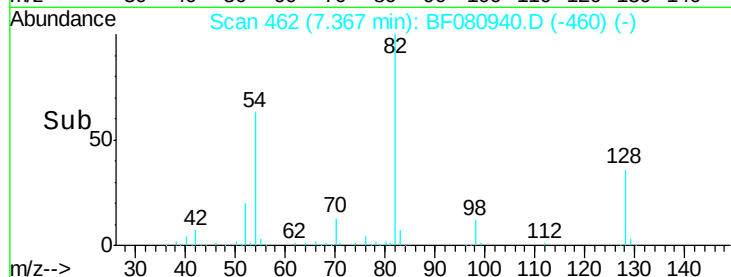
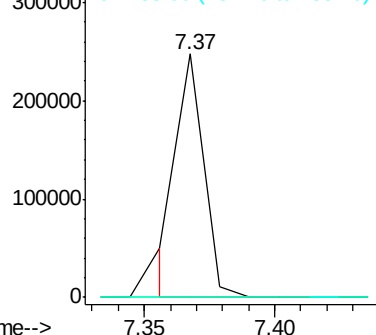
82 100

95 0.0 5.8 8.6#

138 0.0 14.1 21.1#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF080940.D

Acq: 8 Aug 2015 00:05

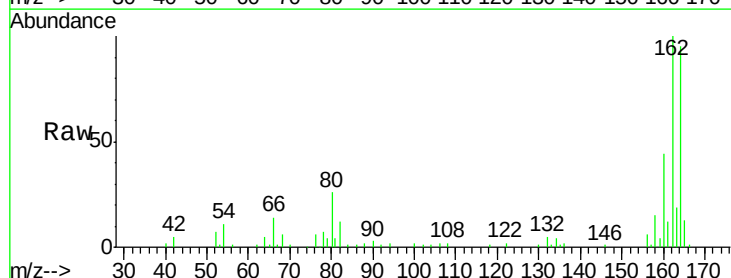
Tgt Ion:164 Resp: 85463

Ion Ratio Lower Upper

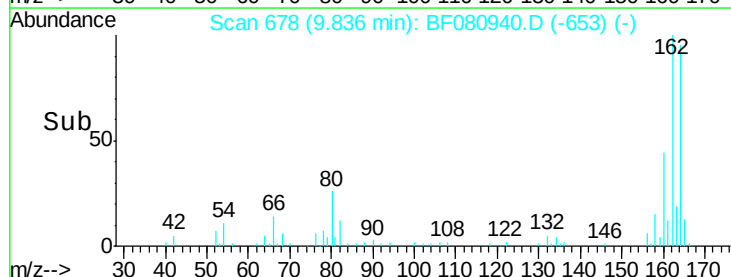
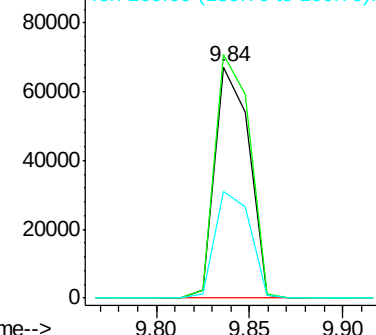
164 100

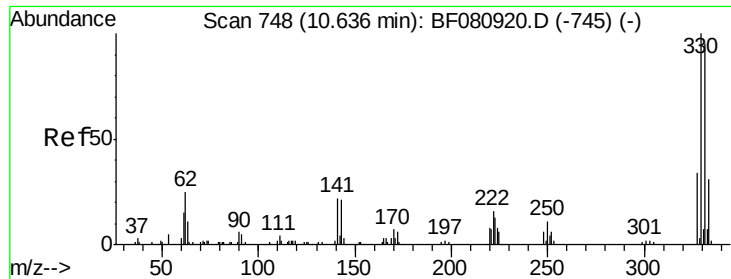
162 105.2 80.5 120.7

160 45.9 36.6 54.8



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

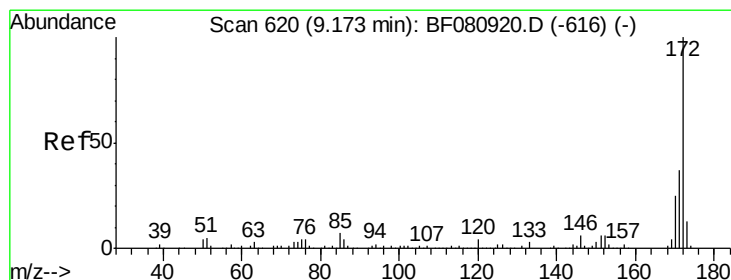
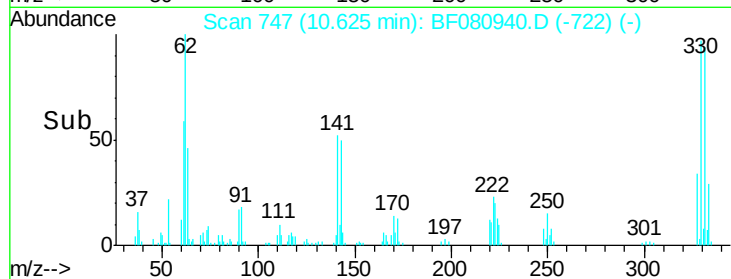
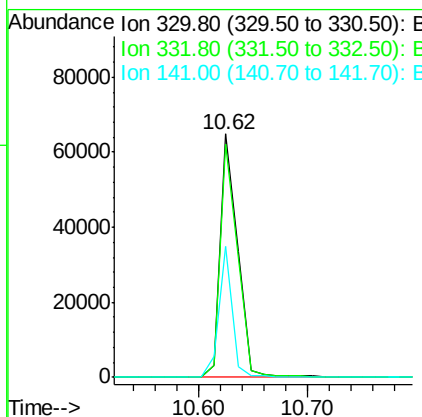
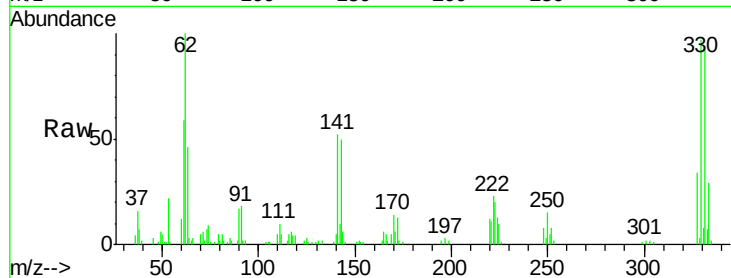




#41
 2,4,6-Tribromophenol
 Concen: 77.31 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.01 min
 Lab File: BF080940.D
 Acq: 8 Aug 2015 00:05

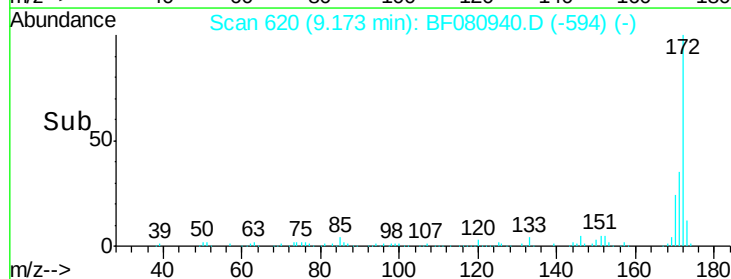
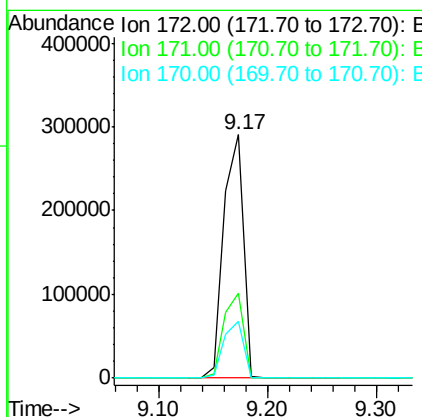
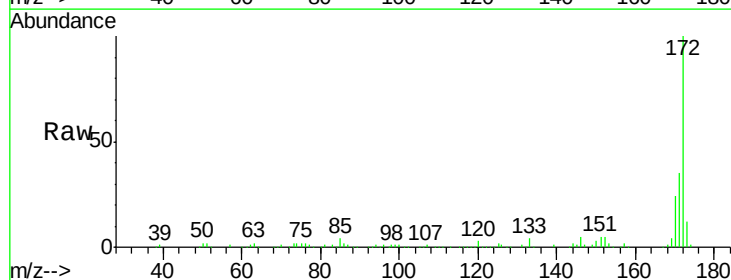
Instrument :
 BNA_F
 ClientSampleId :

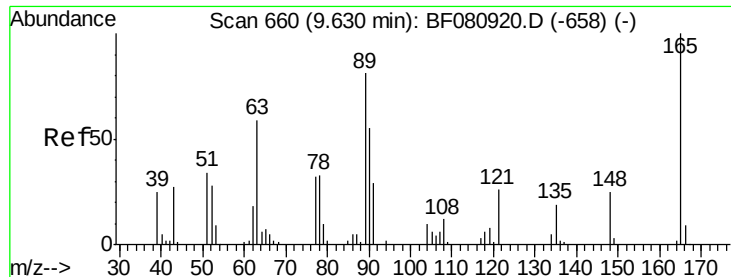
Tot Ion:330 Resp: 72589
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.2 114.4
 141 41.8 27.8 41.8#



#44
 2-Fluorobiphenyl
 Concen: 60.06 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF080940.D
 Acq: 8 Aug 2015 00:05

Tgt Ion:172 Resp: 364604
 Ion Ratio Lower Upper
 172 100
 171 35.0 29.4 44.0
 170 23.6 19.7 29.5

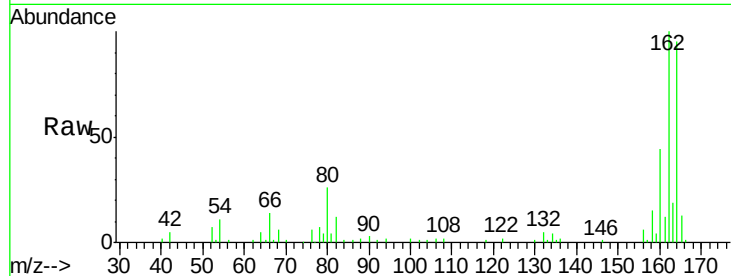




#50
 2,6-Dinitrotoluene
 Concen: 7.56 ng
 RT: 9.84 min Scan# 678
 Delta R.T. 0.21 min
 Lab File: BF080940.D
 Acq: 8 Aug 2015 00:05

Instrument :
 BNA_F
 ClientSampleId :

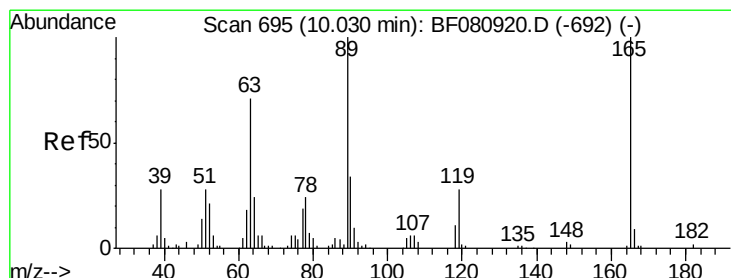
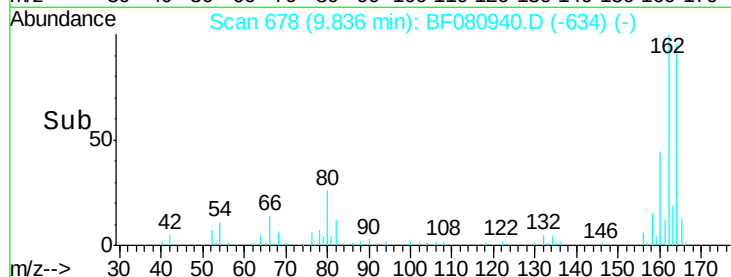
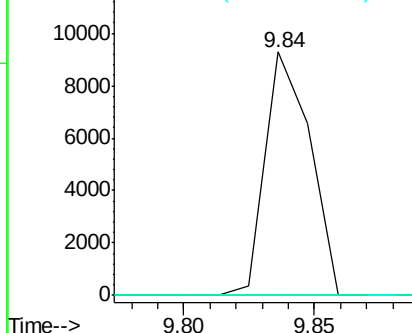
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	77.6	116.4#
89	0.0	64.5	96.7#



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: 5.65 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.19 min
 Lab File: BF080940.D
 Acq: 8 Aug 2015 00:05

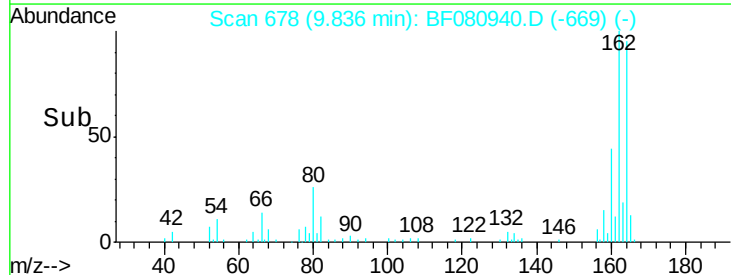
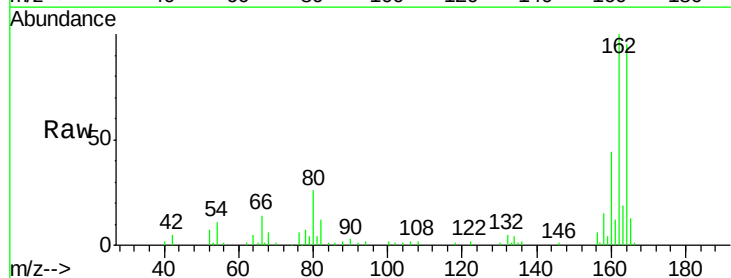
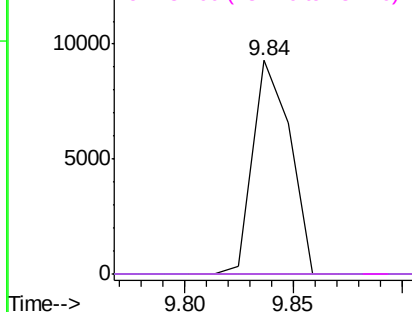
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	56.7	85.1#
89	0.0	80.4	120.6#
182	0.0	1.5	2.3#

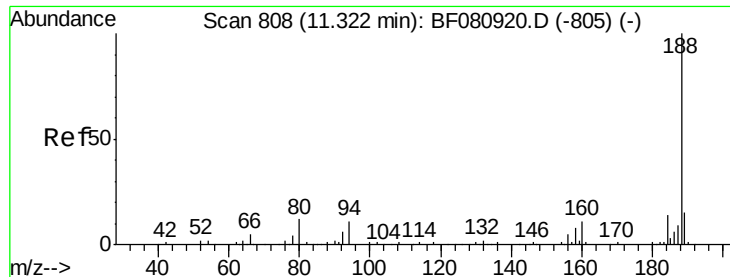
Abundance Ion 165.00 (164.70 to 165.70): E

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

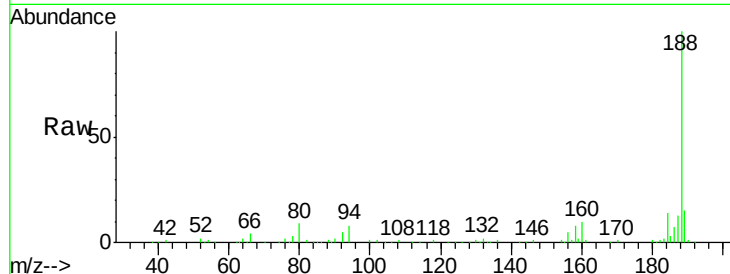




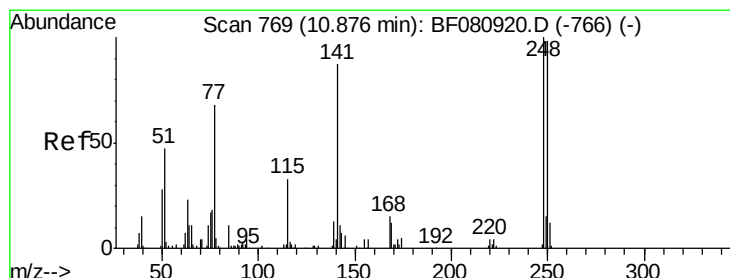
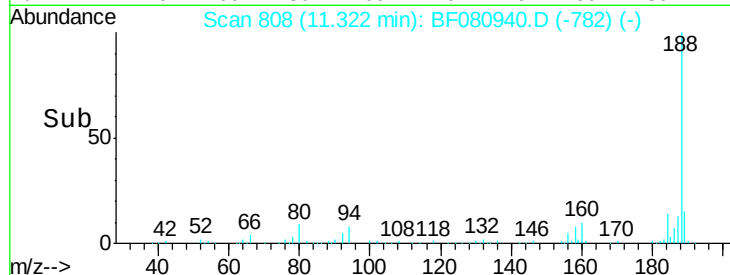
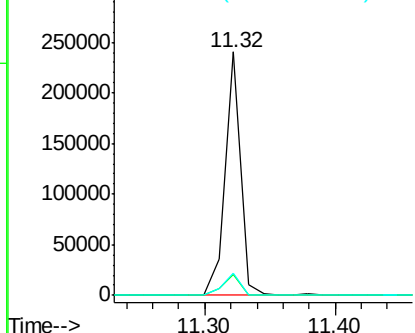
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF080940.D
 Acq: 8 Aug 2015 00:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 199714
 Ion Ratio Lower Upper
 188 100
 94 8.4 8.8 13.2#
 80 9.0 9.5 14.3#

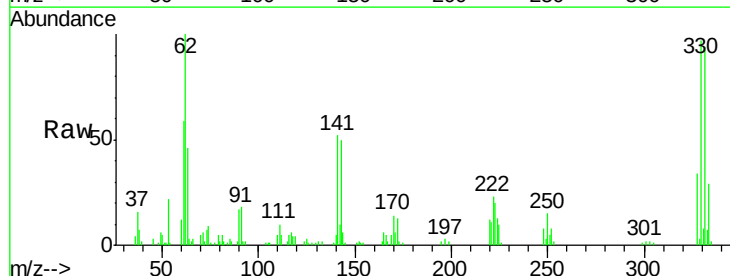


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

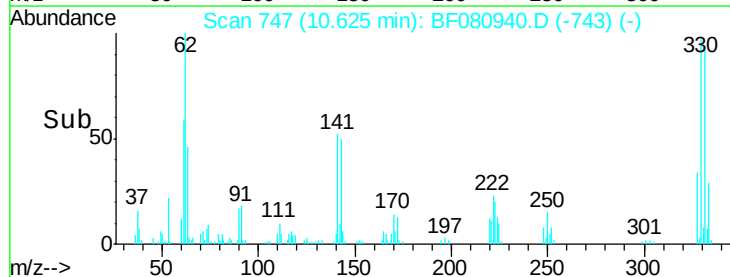
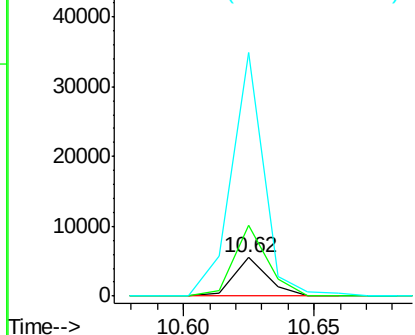


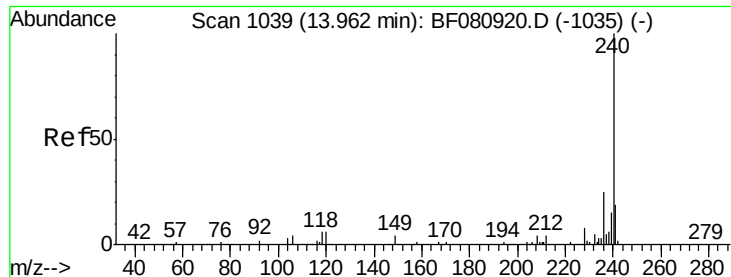
#66
 4-Bromophenyl-phenylether
 Concen: 2.36 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.25 min
 Lab File: BF080940.D
 Acq: 8 Aug 2015 00:05

Tgt Ion:248 Resp: 4992
 Ion Ratio Lower Upper
 248 100
 250 183.0 78.1 117.1#
 141 631.3 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: 13.95 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF080940.D

Acq: 8 Aug 2015 00:05

Instrument :

BNA_F

ClientSampleId :

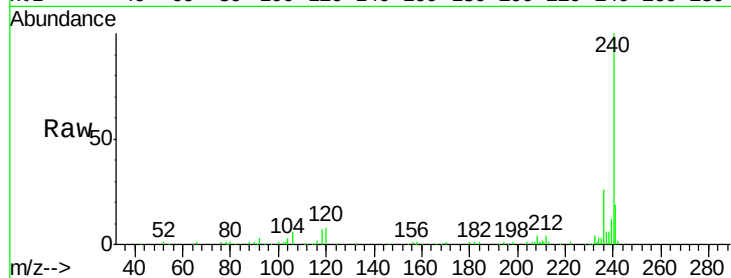
Tot Ion:240 Resp: 158240

Ion Ratio Lower Upper

240 100

120 8.0 5.2 7.8#

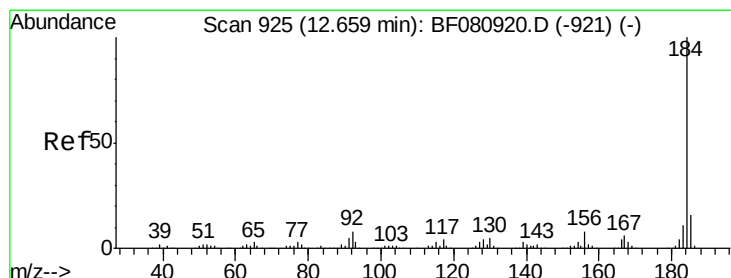
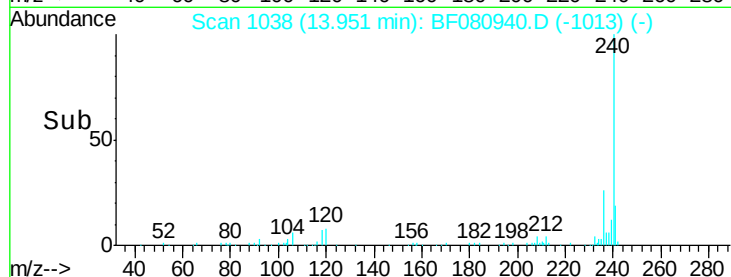
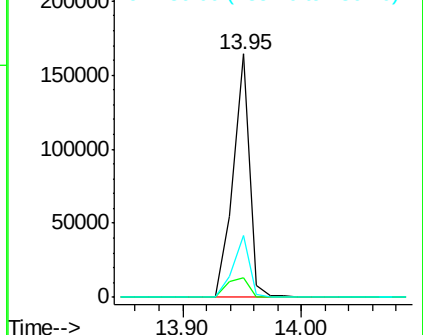
236 25.6 20.2 30.4



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



#76

Benzidine

Concen: 2.49 ng

RT: 12.66 min Scan# 925

Delta R.T. 0.00 min

Lab File: BF080940.D

Acq: 8 Aug 2015 00:05

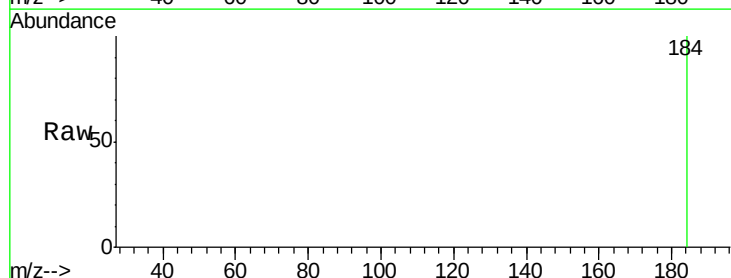
Tgt Ion:184 Resp: 2241

Ion Ratio Lower Upper

184 100

185 0.0 13.0 19.4#

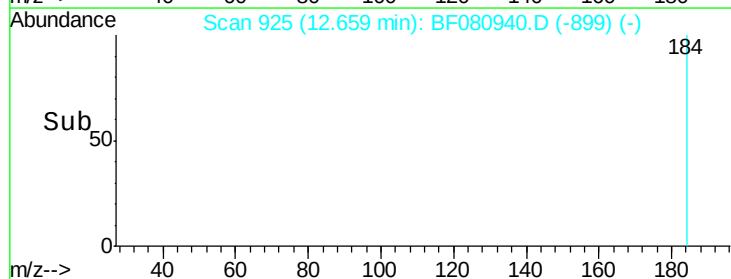
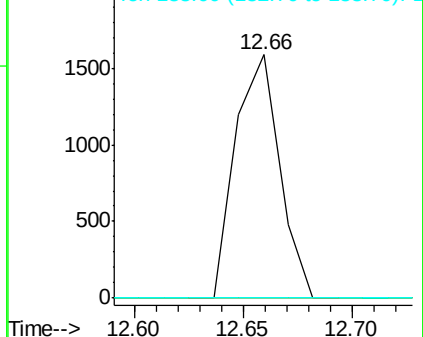
183 0.0 8.7 13.1#

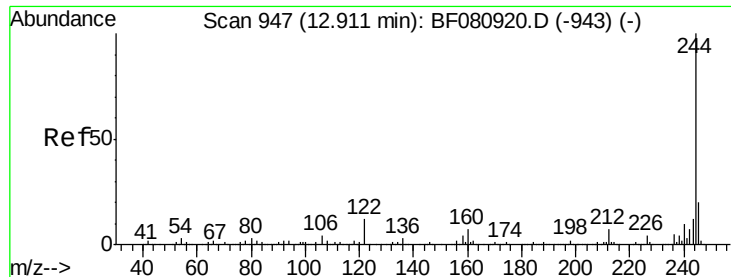


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

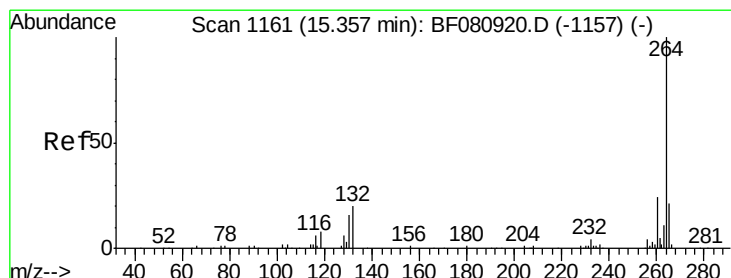
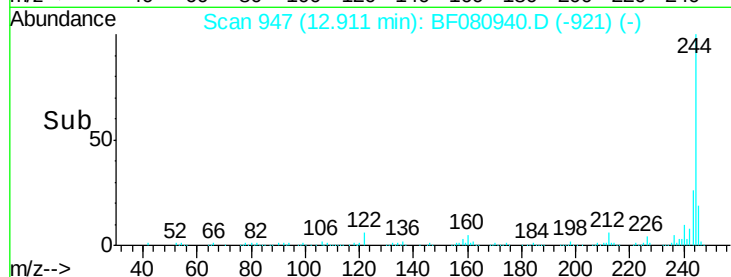
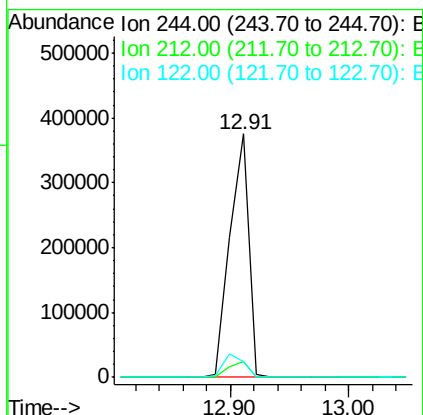
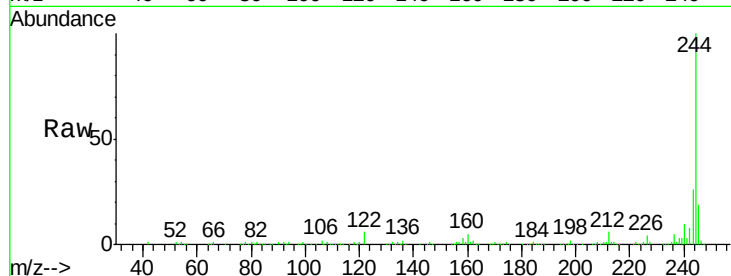




#78
 Terphenyl-d14
 Concen: 54.04 ng
 RT: 12.91 min Scan# 947
 Delta R.T. 0.00 min
 Lab File: BF080940.D
 Acq: 8 Aug 2015 00:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 414000
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.8 8.8
 122 6.3 9.4 14.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: BF080940.D
 Acq: 8 Aug 2015 00:05

Tgt Ion:264 Resp: 114710
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.4 29.0
 265 20.9 17.0 25.4

