

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081815\
 Data File : BF081053.D
 Acq On : 18 Aug 2015 20:52
 Operator : UM/IZ
 Sample : PB85025TB
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 19 00:40:46 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 17:57:25 2015
 Response via : Initial Calibration

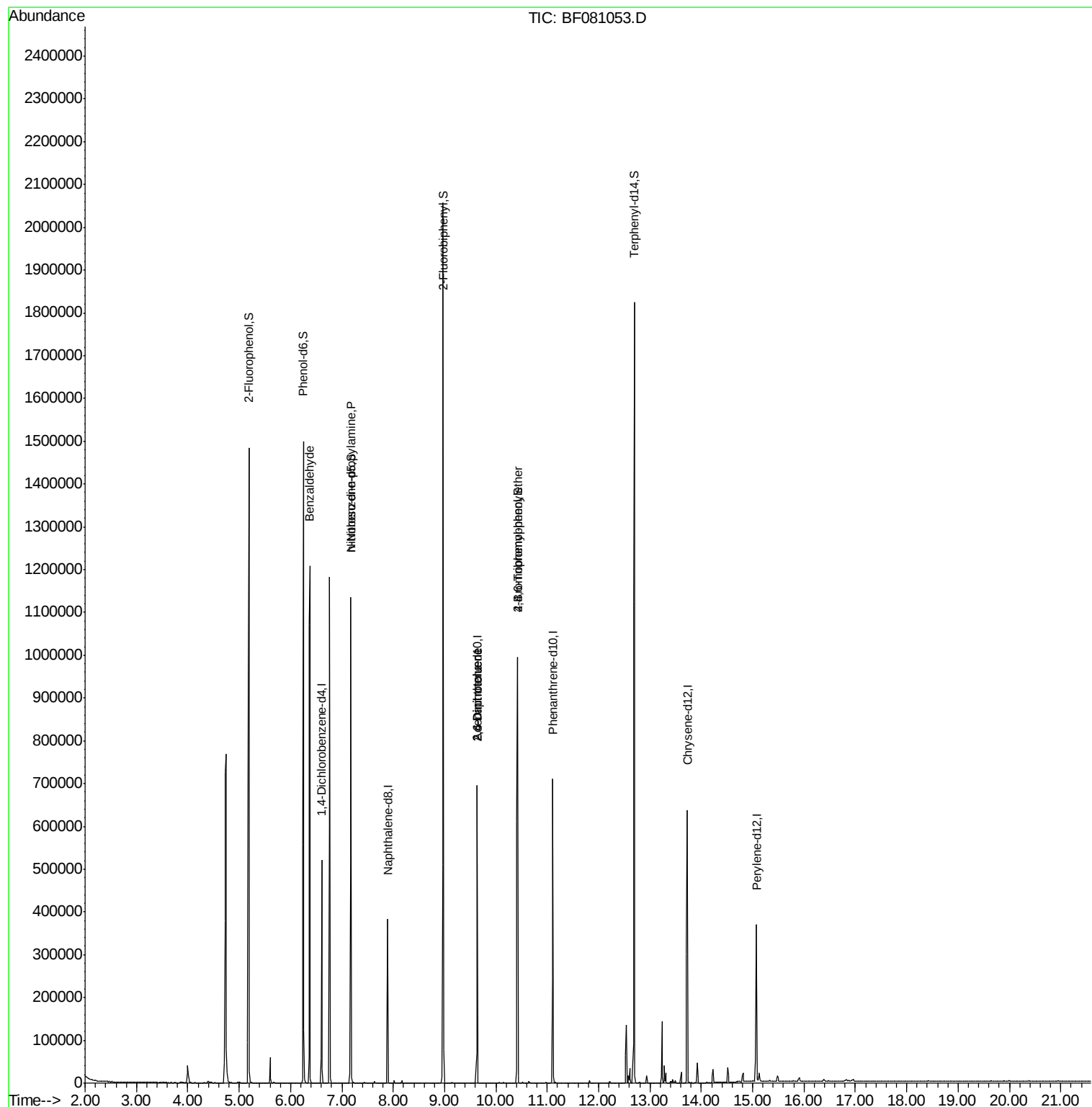
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	66293	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	247966	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	124432	20.00	ng	-0.02
63) Phenanthrene-d10	11.11	188	268970	20.00	ng	-0.02
75) Chrysene-d12	13.73	240	248617	20.00	ng	-0.02
86) Perylene-d12	15.07	264	197179	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	442656	100.43	ng	0.00
7) Phenol-d6	6.25	99	499715	86.90	ng	-0.01
23) Nitrobenzene-d5	7.18	82	390073	71.86	ng	-0.01
41) 2,4,6-Tribromophenol	10.42	330	113487	105.21	ng	-0.02
44) 2-Fluorobiphenyl	8.97	172	579643	61.04	ng	-0.02
78) Terphenyl-d14	12.70	244	674390	58.15	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.38	77	11146	3.01	ng	85
19) n-Nitroso-di-n-propylamine	7.18	70	51582	12.95	ng	# 69
50) 2,6-Dinitrotoluene	9.63	165	15734	7.15	ng	# 21
56) 2,4-Dinitrotoluene	9.63	165	15734	5.40	ng	# 17
66) 4-Bromophenyl-phenylether	10.42	248	9039	3.42	ng	# 1

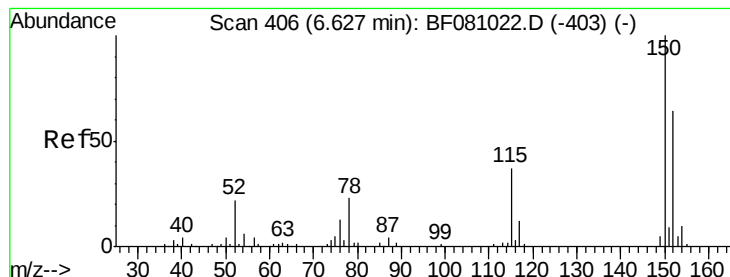
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081815\
Data File : BF081053.D
Acq On : 18 Aug 2015 20:52
Operator : UM/IZ
Sample : PB85025TB
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 19 00:40:46 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 17 17:57:25 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 404

Delta R.T. -0.02 min

Lab File: BF081053.D

Acq: 18 Aug 2015 20:52

Instrument :

BNA_F

ClientSampleId :

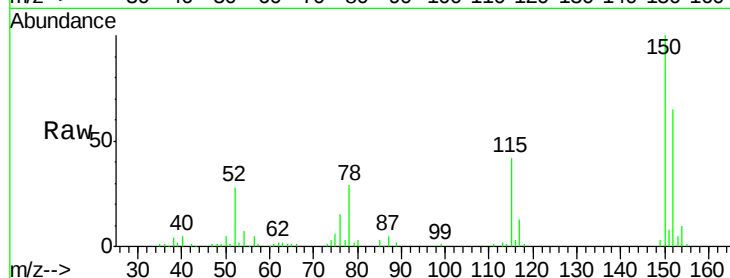
Tot Ion:152 Resp: 66293

Ion Ratio Lower Upper

152 100

150 154.1 123.8 185.6

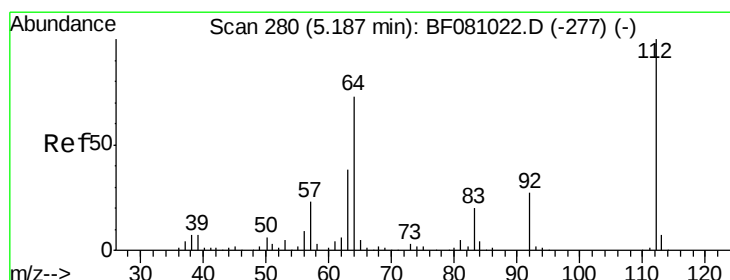
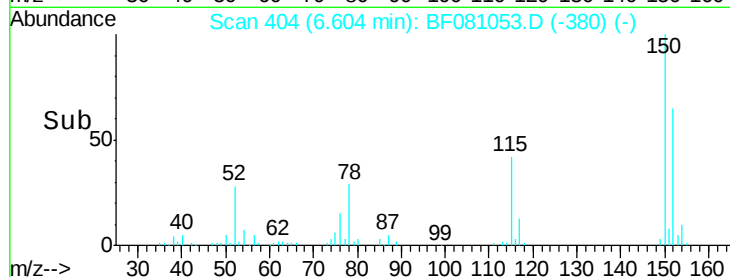
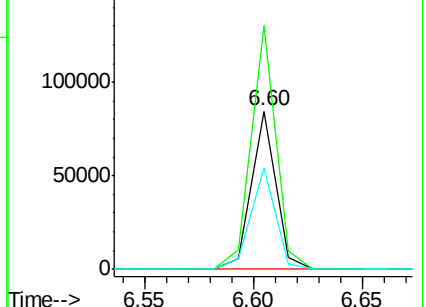
115 64.3 52.1 78.1



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: 100.43 ng

RT: 5.19 min Scan# 280

Delta R.T. 0.00 min

Lab File: BF081053.D

Acq: 18 Aug 2015 20:52

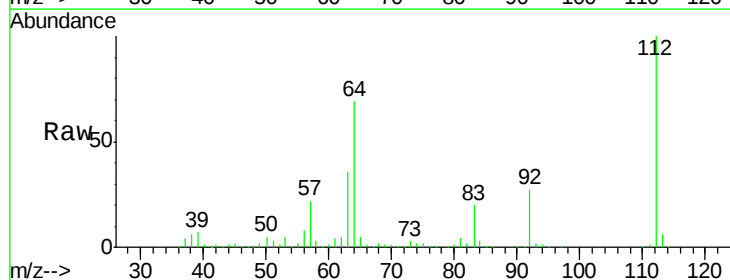
Tgt Ion:112 Resp: 442656

Ion Ratio Lower Upper

112 100

64 69.0 66.9 100.3

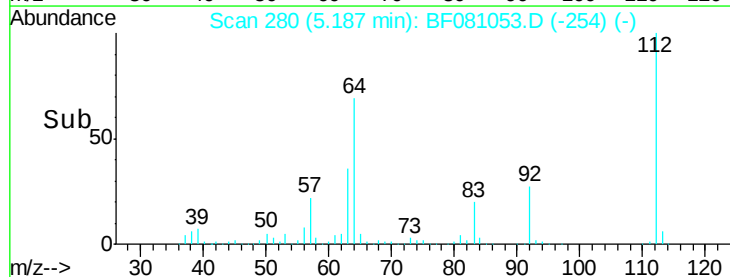
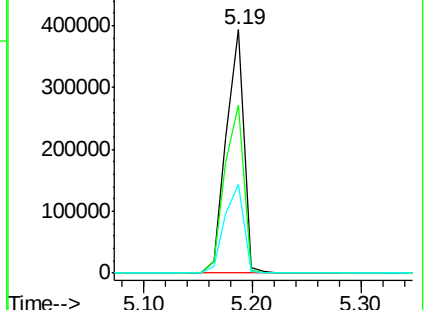
63 36.4 38.1 57.1#

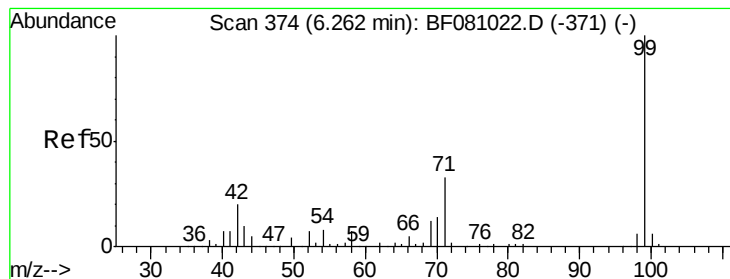


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 86.90 ng

RT: 6.25 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF081053.D

Acq: 18 Aug 2015 20:52

Instrument :

BNA_F

ClientSampleId :

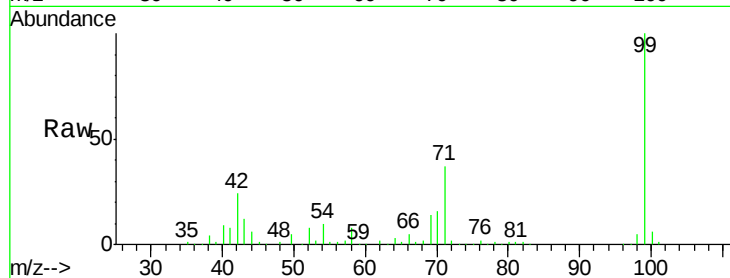
Tot Ion: 99 Resp: 499715

Ion Ratio Lower Upper

99 100

42 23.6 19.6 29.4

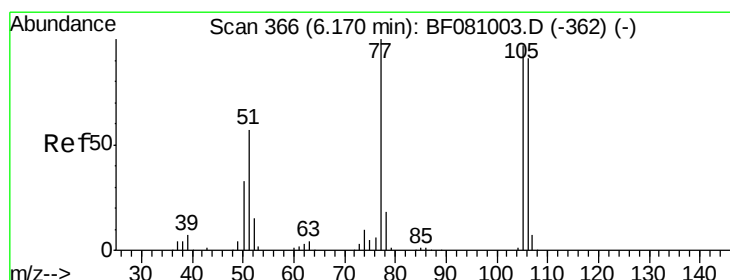
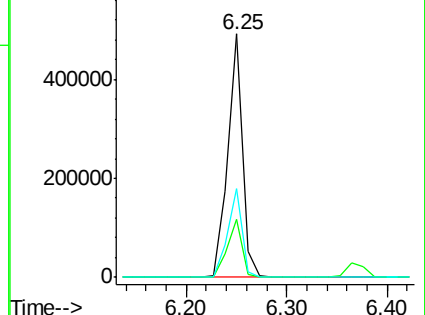
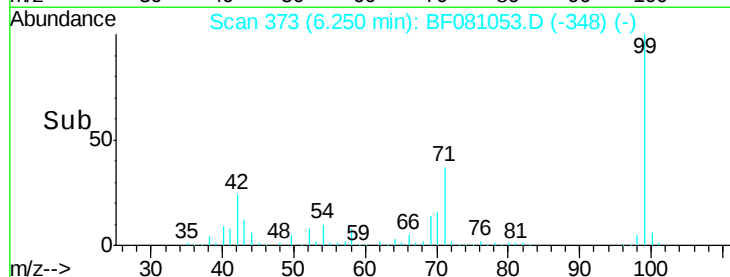
71 36.6 31.2 46.8



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



#9

Benzaldehyde

Concen: 3.01 ng

RT: 6.38 min Scan# 384

Delta R.T. 0.22 min

Lab File: BF081053.D

Acq: 18 Aug 2015 20:52

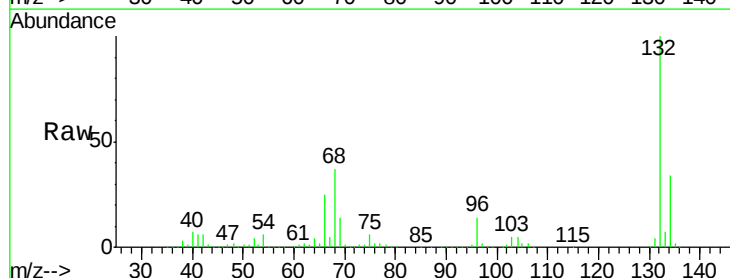
Tgt Ion: 77 Resp: 11146

Ion Ratio Lower Upper

77 100

105 77.6 69.6 109.6

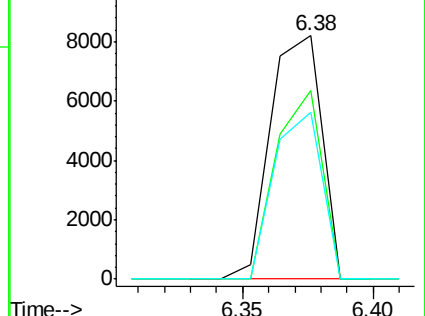
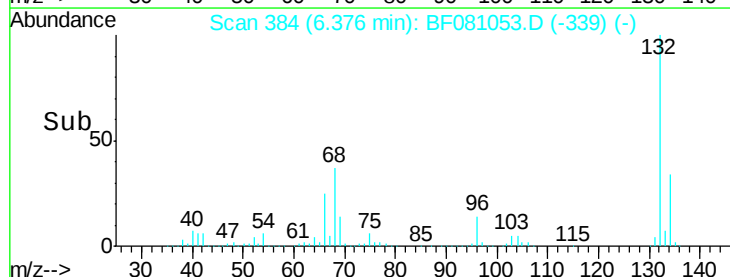
106 68.5 64.0 104.0

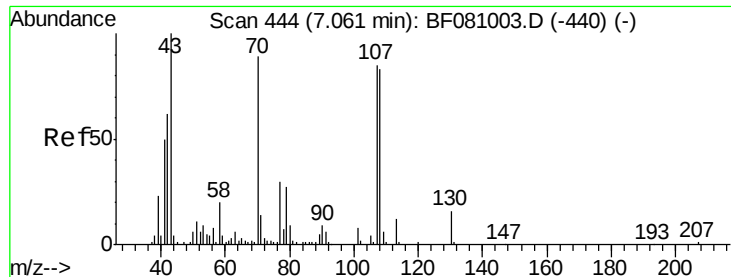


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0

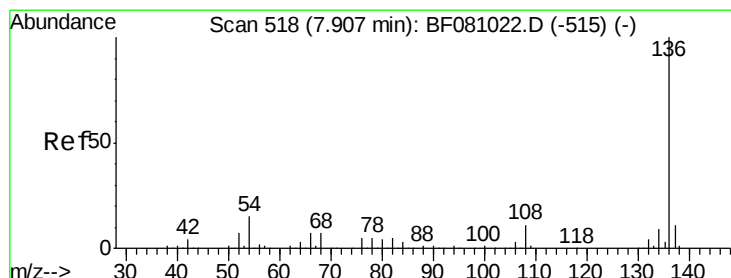
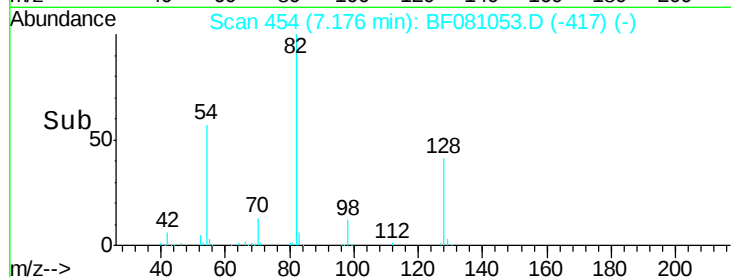
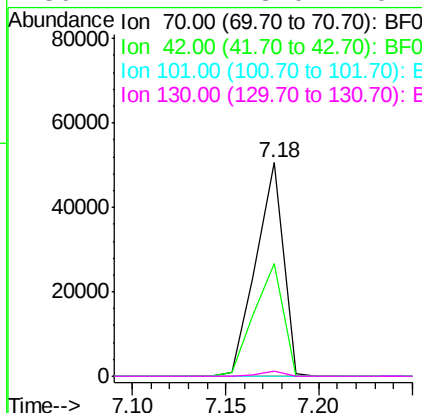
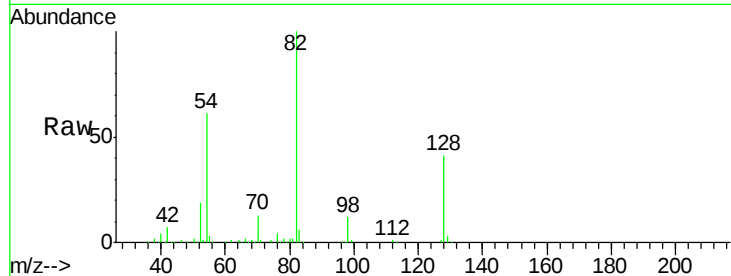




#19
n-Nitroso-di-n-propylamine
Concen: 12.95 ng
RT: 7.18 min Scan# 454
Delta R.T. 0.13 min
Lab File: BF081053.D
Acq: 18 Aug 2015 20:52

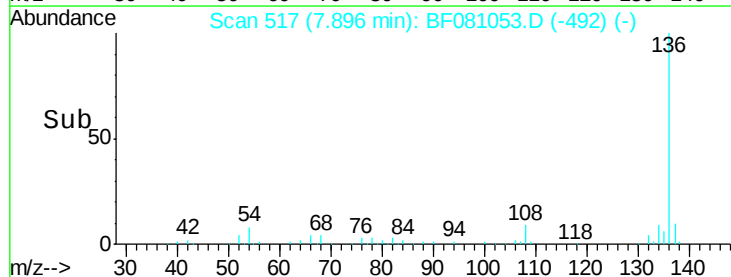
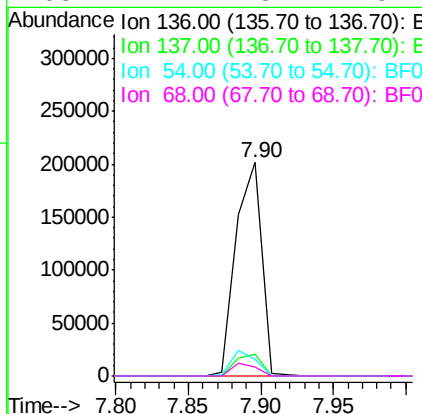
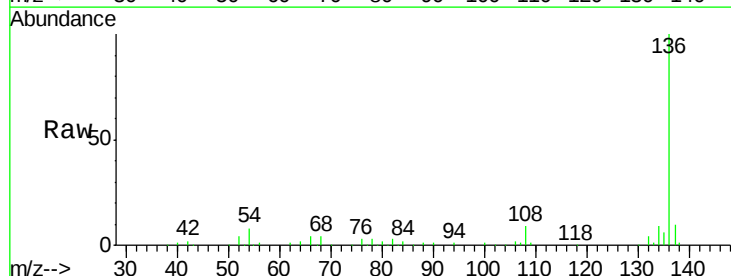
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 51582
Ion Ratio Lower Upper
70 100
42 53.0 65.0 97.4#
101 0.0 7.4 11.2#
130 2.2 13.0 19.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF081053.D
Acq: 18 Aug 2015 20:52

Tgt Ion: 136 Resp: 247966
Ion Ratio Lower Upper
136 100
137 10.2 8.2 12.2
54 7.6 7.7 11.5#
68 4.2 3.4 5.2

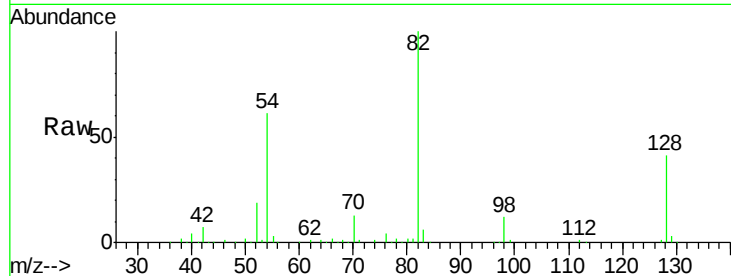




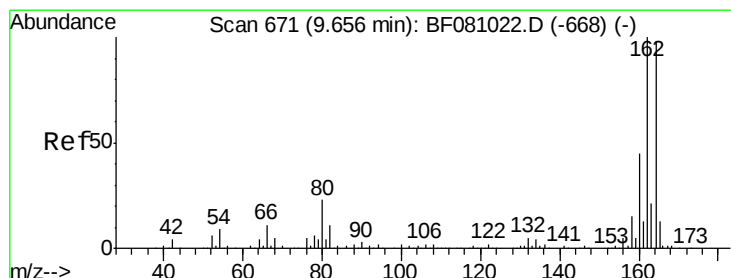
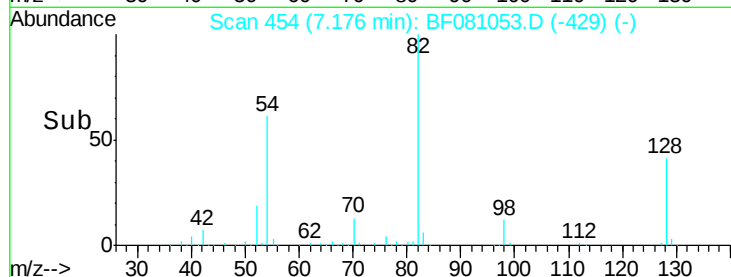
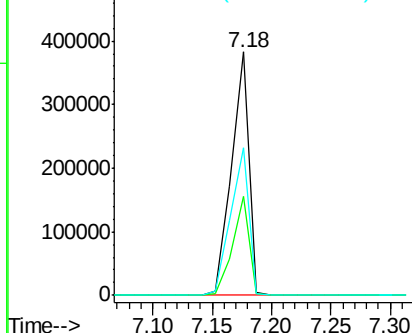
#23
 Nitrobenzene-d5
 Concen: 71.86 ng
 RT: 7.18 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF081053.D
 Acq: 18 Aug 2015 20:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 390073
 Ion Ratio Lower Upper
 82 100
 128 40.7 28.6 42.8
 54 60.8 55.1 82.7

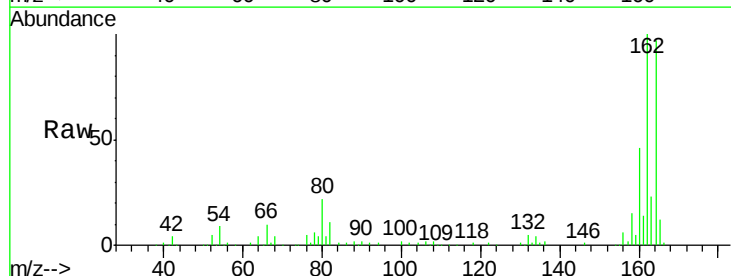


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

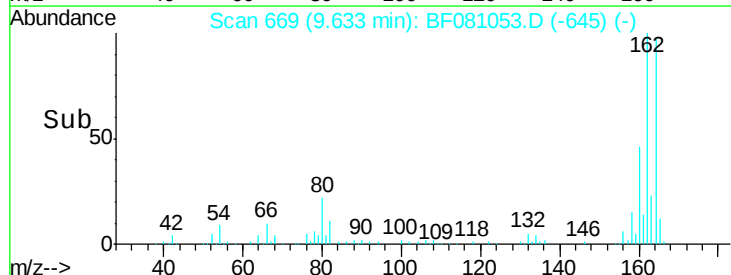
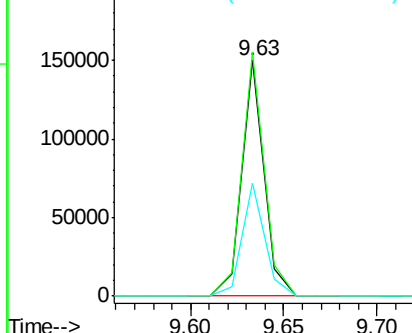


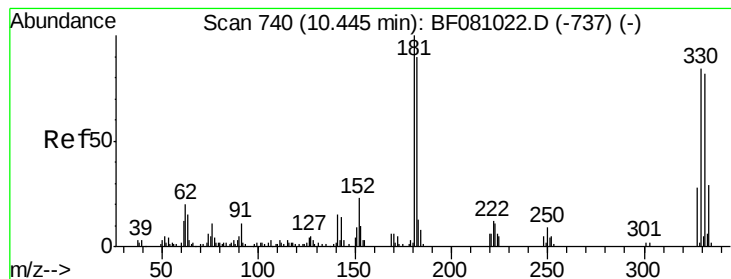
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.63 min Scan# 669
 Delta R.T. -0.02 min
 Lab File: BF081053.D
 Acq: 18 Aug 2015 20:52

Tgt Ion: 164 Resp: 124432
 Ion Ratio Lower Upper
 164 100
 162 103.5 83.8 125.8
 160 47.9 39.8 59.8



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: 105.21 ng

RT: 10.42 min Scan# 738

Delta R.T. -0.02 min

Lab File: BF081053.D

Acq: 18 Aug 2015 20:52

Instrument :

BNA_F

ClientSampleId :

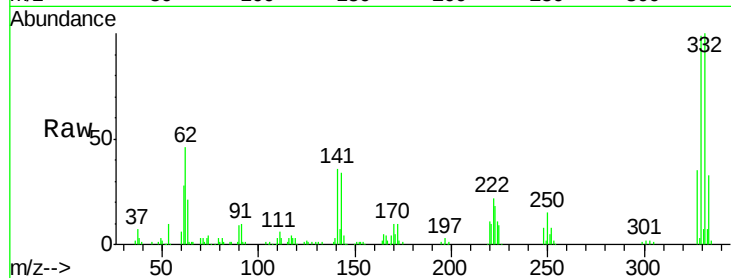
Tot Ion:330 Resp: 113487

Ion Ratio Lower Upper

330 100

332 98.5 77.3 115.9

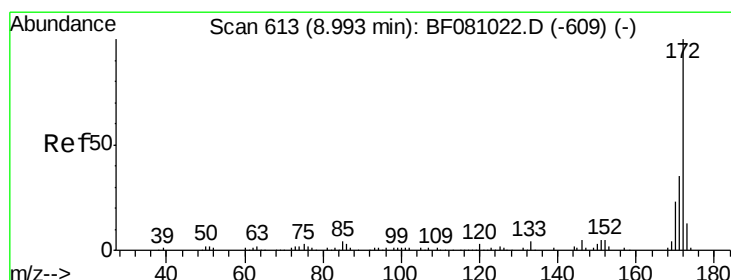
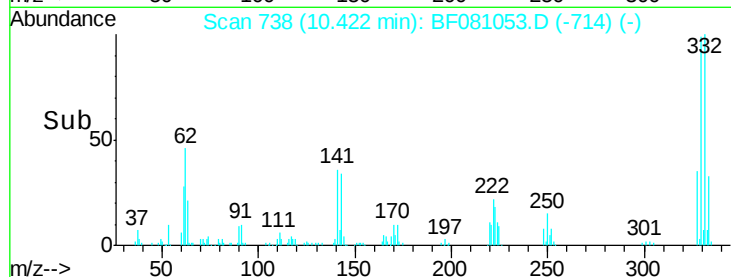
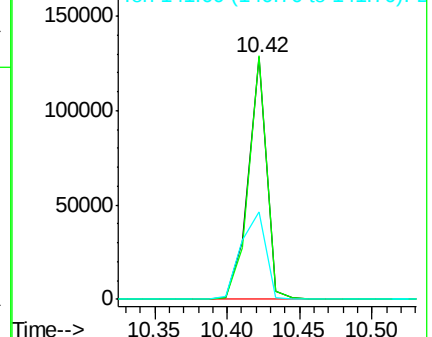
141 48.4 44.9 67.3



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: 61.04 ng

RT: 8.97 min Scan# 611

Delta R.T. -0.02 min

Lab File: BF081053.D

Acq: 18 Aug 2015 20:52

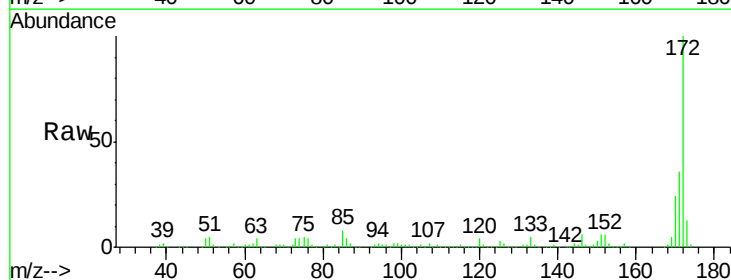
Tgt Ion:172 Resp: 579643

Ion Ratio Lower Upper

172 100

171 36.2 28.9 43.3

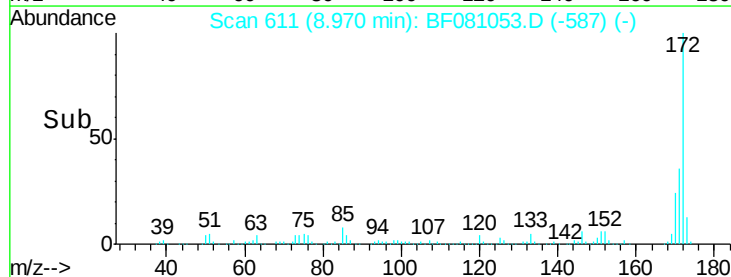
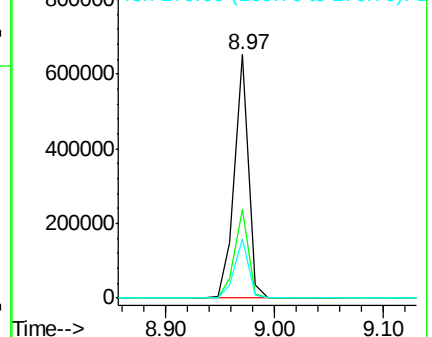
170 24.5 19.4 29.2

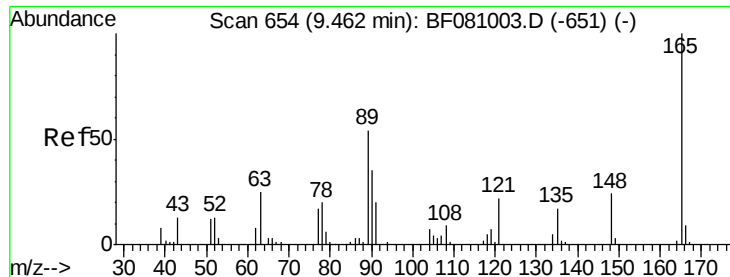


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

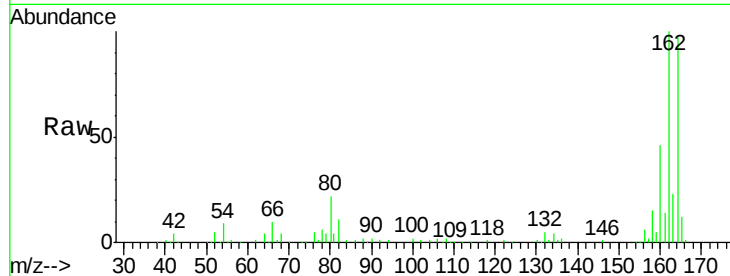




#50
 2,6-Dinitrotoluene
 Concen: 7.15 ng
 RT: 9.63 min Scan# 669
 Delta R.T. 0.18 min
 Lab File: BF081053.D
 Acq: 18 Aug 2015 20:52

Instrument :
 BNA_F
 ClientSampled :

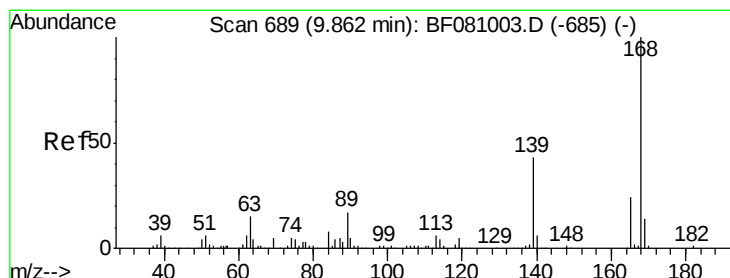
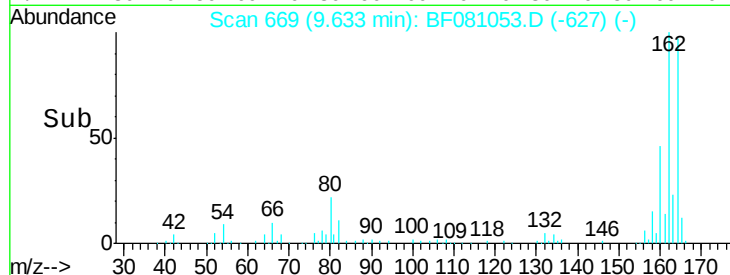
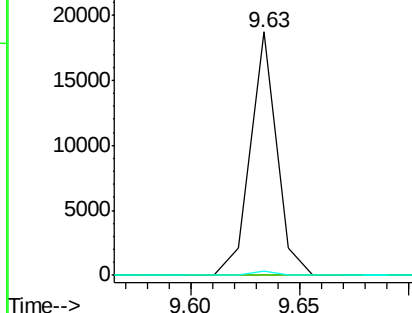
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	49.5	74.3#
89	2.0	47.6	71.4#



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: 5.40 ng
 RT: 9.63 min Scan# 669
 Delta R.T. -0.22 min
 Lab File: BF081053.D
 Acq: 18 Aug 2015 20:52

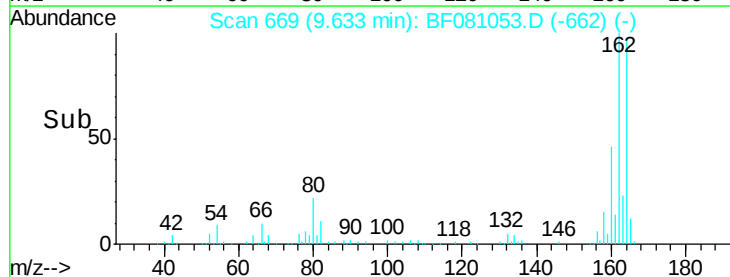
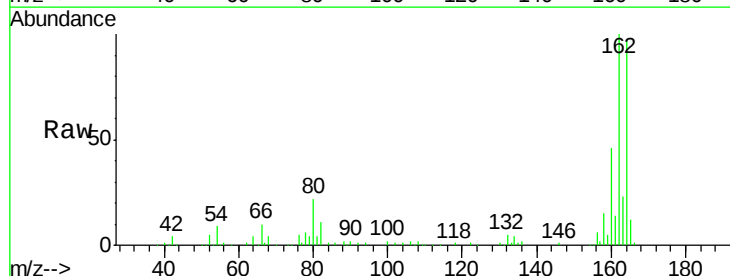
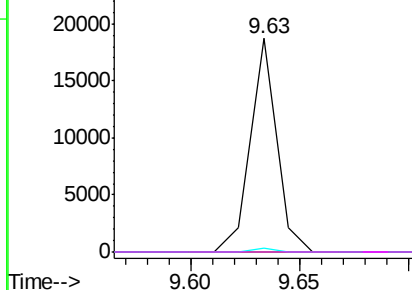
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.2	78.4#
89	2.0	60.1	90.1#
182	0.0	1.8	2.6#

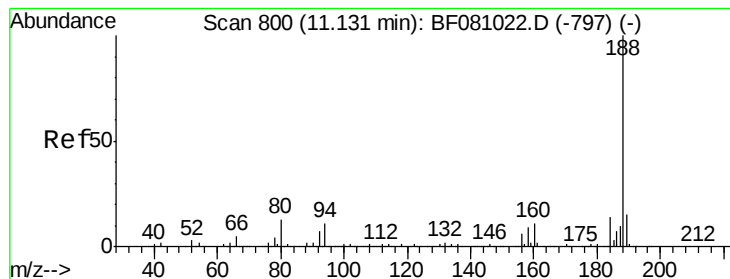
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.11 min Scan# 798

Delta R.T. -0.02 min

Lab File: BF081053.D

Acq: 18 Aug 2015 20:52

Instrument :

BNA_F

ClientSampleId :

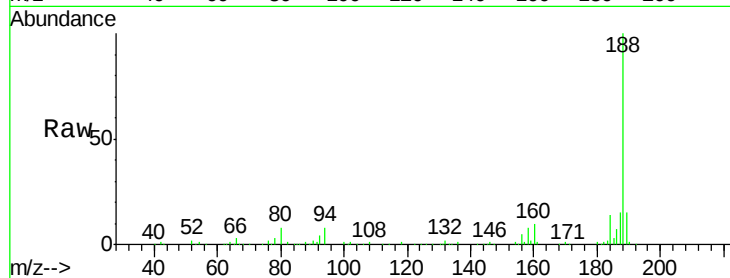
Tot Ion:188 Resp: 268970

Ion Ratio Lower Upper

188 100

94 8.3 8.2 12.2

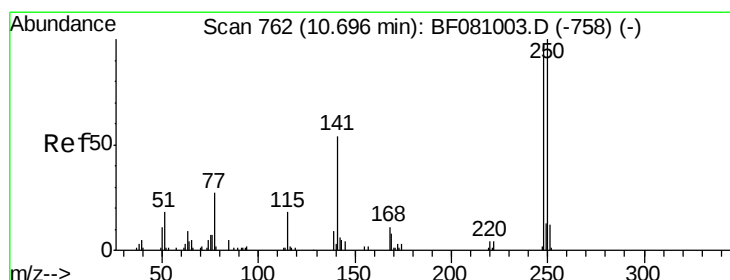
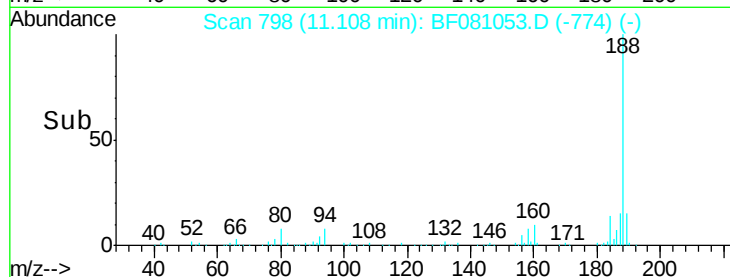
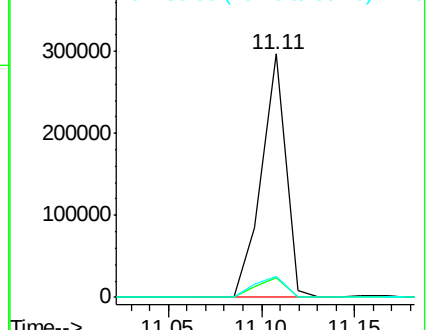
80 8.4 9.5 14.3#



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: 3.42 ng

RT: 10.42 min Scan# 738

Delta R.T. -0.26 min

Lab File: BF081053.D

Acq: 18 Aug 2015 20:52

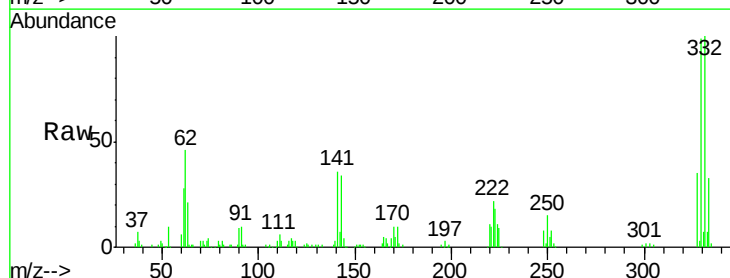
Tgt Ion:248 Resp: 9039

Ion Ratio Lower Upper

248 100

250 195.1 77.8 116.6#

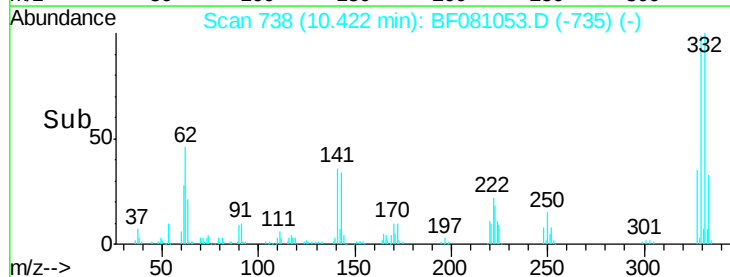
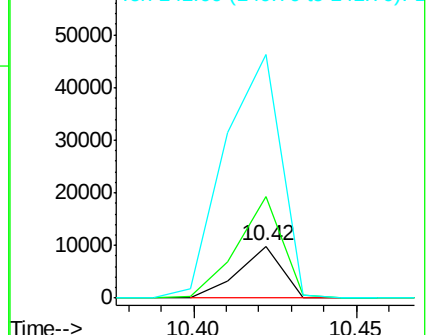
141 470.3 39.8 59.6#

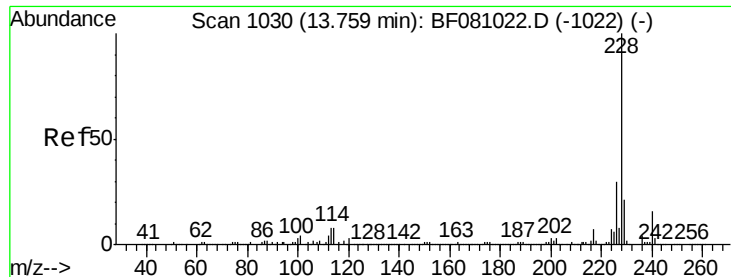


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

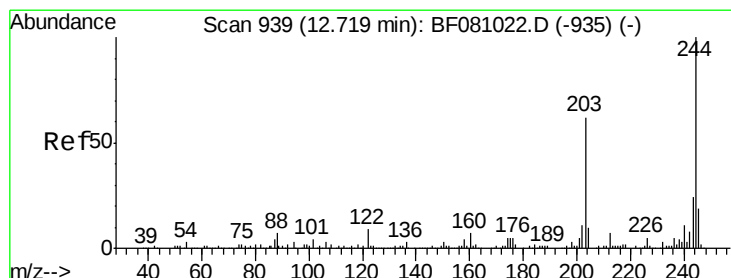
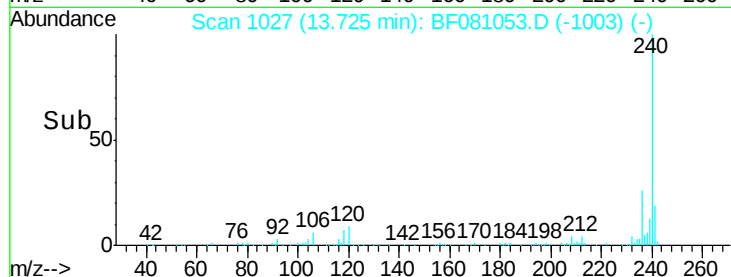
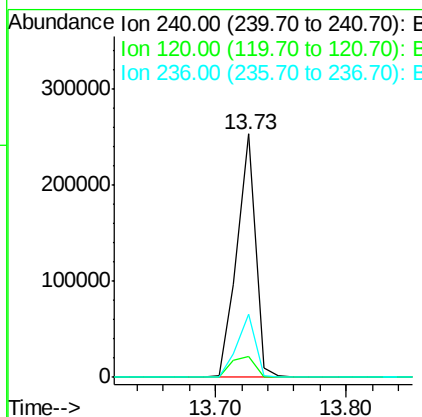
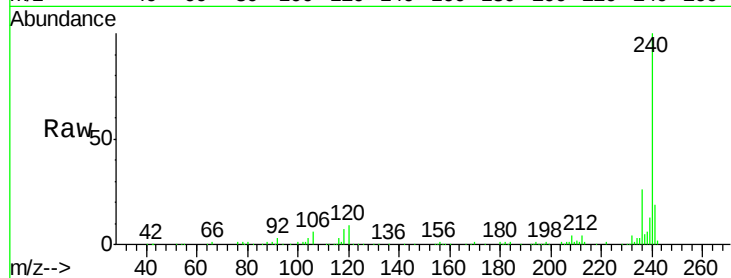




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 13.73 min Scan# 1027
 Delta R.T. -0.02 min
 Lab File: BF081053.D
 Acq: 18 Aug 2015 20:52

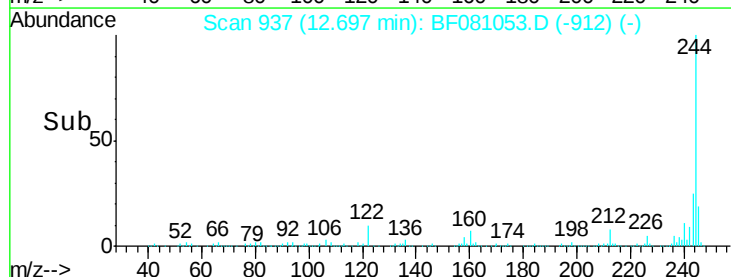
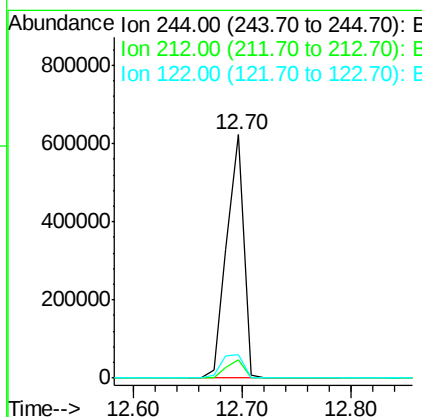
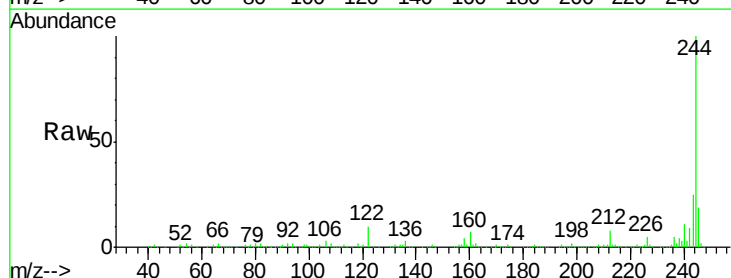
Instrument :
 BNA_F
 ClientSampleId :

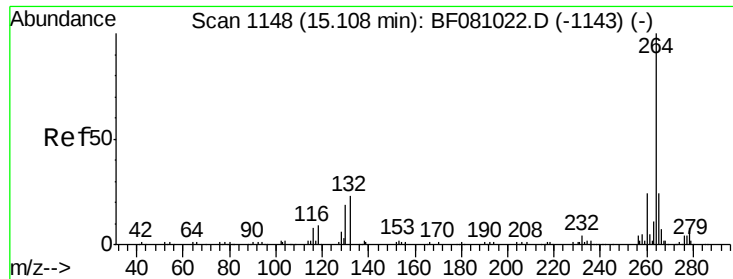
Tot Ion:240 Resp: 248617
 Ion Ratio Lower Upper
 240 100
 120 8.7 5.6 8.4#
 236 25.9 20.6 30.8



#78
 Terphenyl-d14
 Concen: 58.15 ng
 RT: 12.70 min Scan# 937
 Delta R.T. -0.01 min
 Lab File: BF081053.D
 Acq: 18 Aug 2015 20:52

Tgt Ion:244 Resp: 674390
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.8 8.8
 122 9.9 8.2 12.4

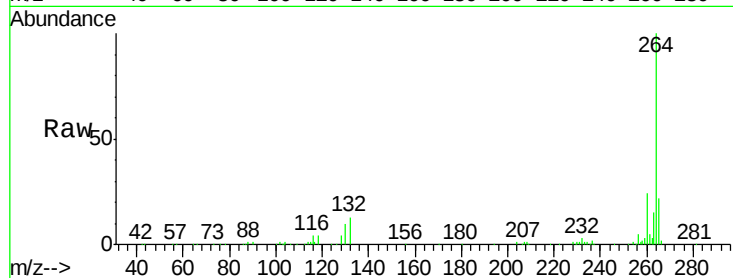




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1145
 Delta R.T. -0.02 min
 Lab File: BF081053.D
 Acq: 18 Aug 2015 20:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.6	29.4
265	21.7	17.5	26.3



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

