

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082615\
 Data File : BF081232.D
 Acq On : 27 Aug 2015 1:24
 Operator : UM/IZ
 Sample : G3404-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 27 02:18:10 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 27 00:52:57 2015
 Response via : Initial Calibration

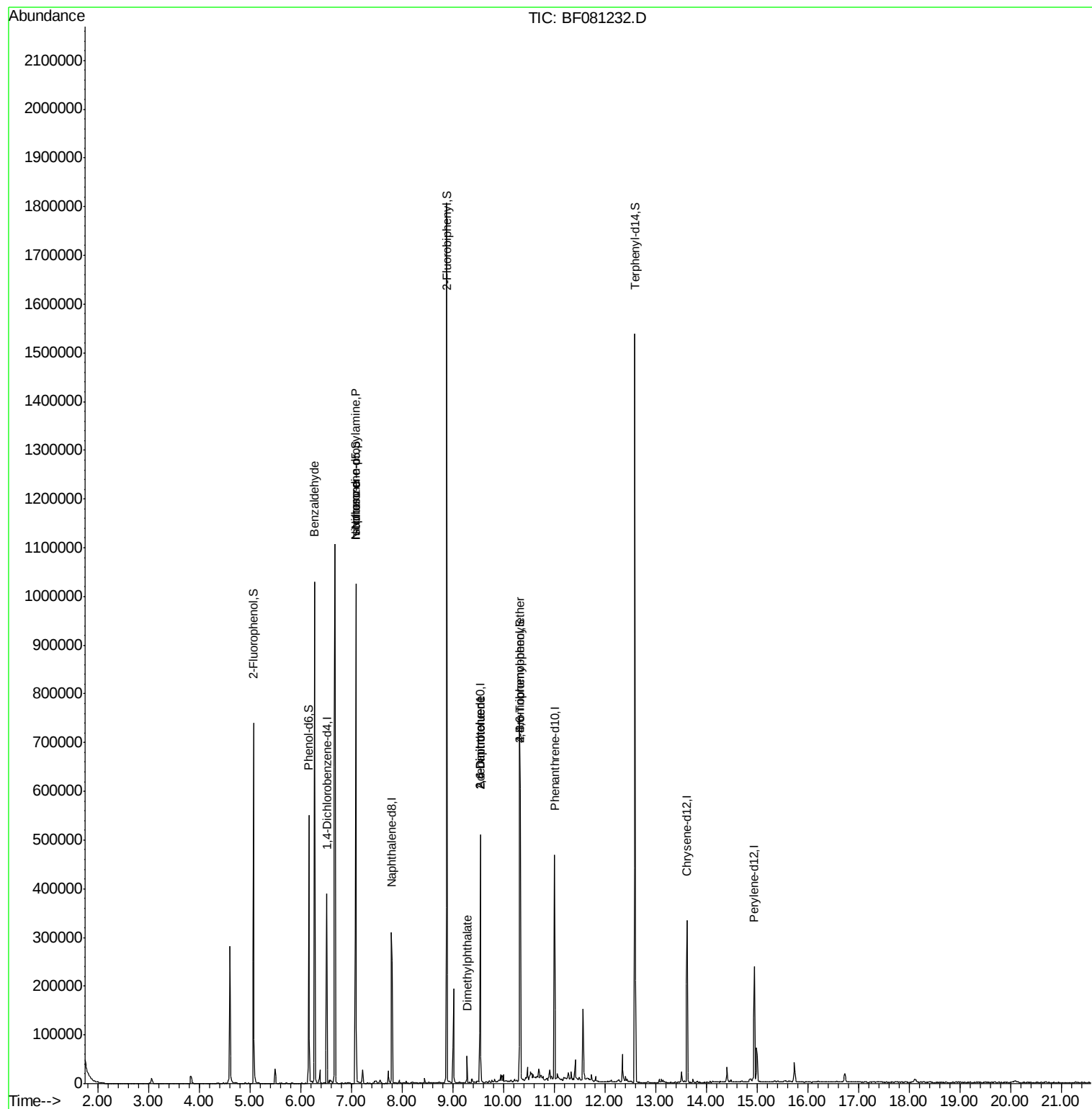
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	52292	20.00	ng	0.00
21) Naphthalene-d8	7.79	136	186826	20.00	ng	-0.01
38) Acenaphthene-d10	9.54	164	91199	20.00	ng	-0.01
63) Phenanthrene-d10	11.01	188	166014	20.00	ng	-0.01
75) Chrysene-d12	13.62	240	140736	20.00	ng	-0.01
86) Perylene-d12	14.95	264	100447	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	195964	56.37	ng	0.00
7) Phenol-d6	6.16	99	164520	36.27	ng	-0.01
23) Nitrobenzene-d5	7.09	82	332296	81.25	ng	-0.01
41) 2,4,6-Tribromophenol	10.33	330	106208	134.35	ng	0.00
44) 2-Fluorobiphenyl	8.88	172	531957	76.43	ng	-0.01
78) Terphenyl-d14	12.60	244	460679	70.17	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.27	77	8612	2.95	ng	# 71
19) n-Nitroso-di-n-propylamine	7.09	70	44625	14.20	ng	# 69
25) Isophorone	7.09	82	262711	34.45	ng	# 71
49) Dimethylphthalate	9.28	163	19690	2.62	ng	# 99
50) 2,6-Dinitrotoluene	9.54	165	11873	7.36	ng	# 20
56) 2,4-Dinitrotoluene	9.54	165	11873	5.55	ng	# 16
66) 4-Bromophenyl-phenylether	10.33	248	7539	4.62	ng	# 1

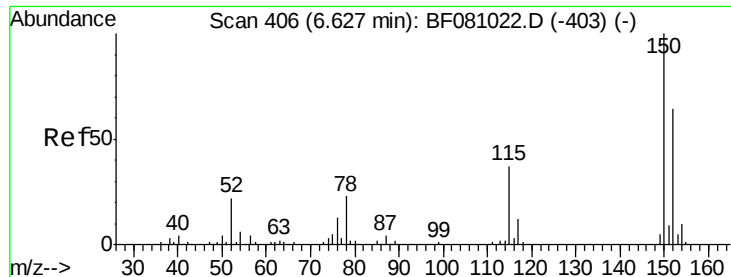
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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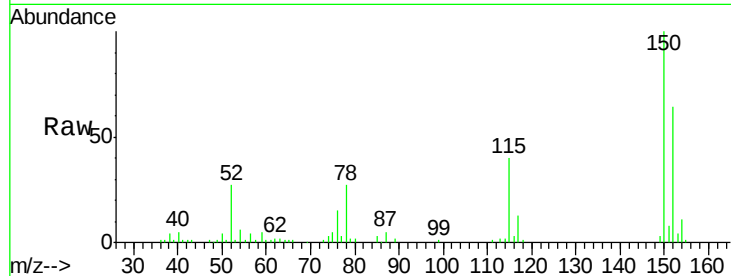


#1

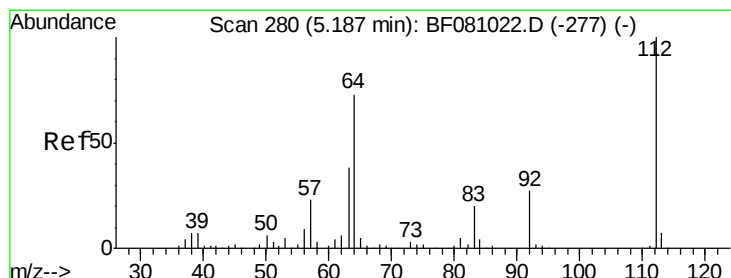
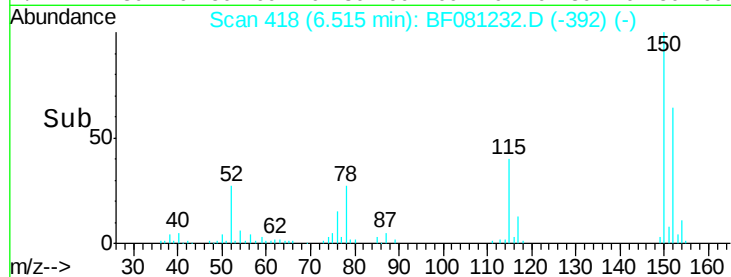
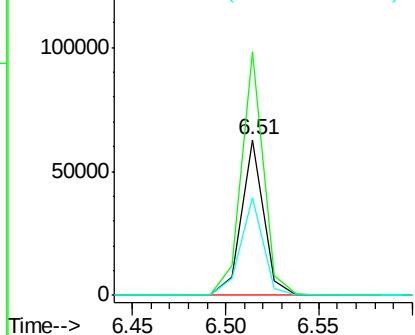
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.51 min Scan# 418
Delta R.T. -0.00 min
Lab File: BF081232.D
Acq: 27 Aug 2015 1:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 52292
Ion Ratio Lower Upper
152 100
150 156.3 123.8 185.6
115 62.7 52.1 78.1



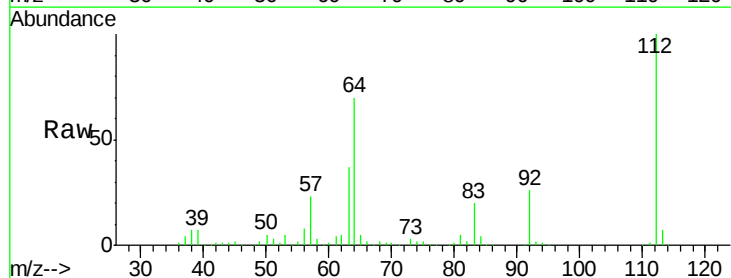
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



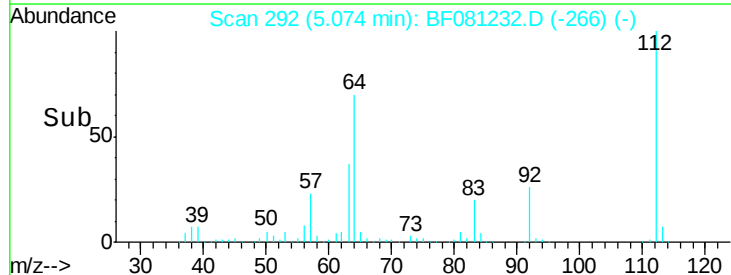
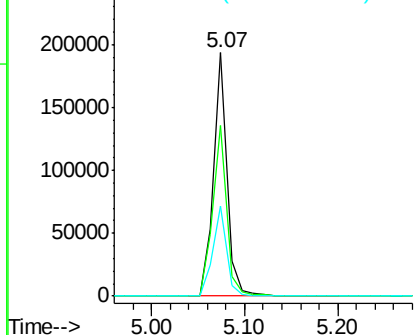
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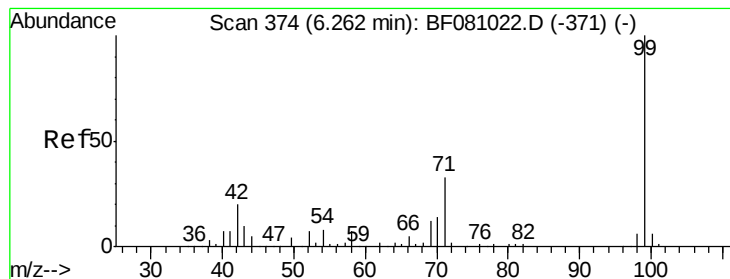
2-Fluorophenol
Concen: 56.37 ng
RT: 5.07 min Scan# 292
Delta R.T. -0.00 min
Lab File: BF081232.D
Acq: 27 Aug 2015 1:24

Tgt Ion:112 Resp: 195964
Ion Ratio Lower Upper
112 100
64 70.3 66.9 100.3
63 36.9 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: 36.27 ng

RT: 6.16 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF081232.D

Acq: 27 Aug 2015 1:24

Instrument :

BNA_F

ClientSampled :

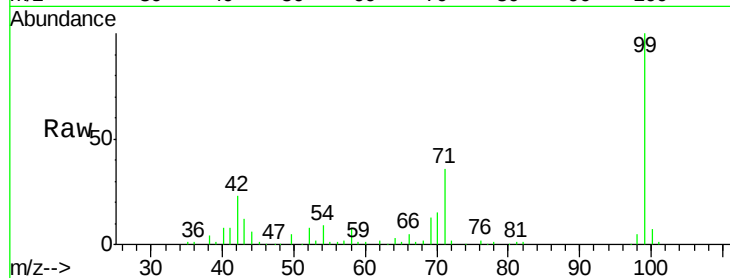
Tot Ion: 99 Resp: 164520

Ion Ratio Lower Upper

99 100

42 22.9 19.6 29.4

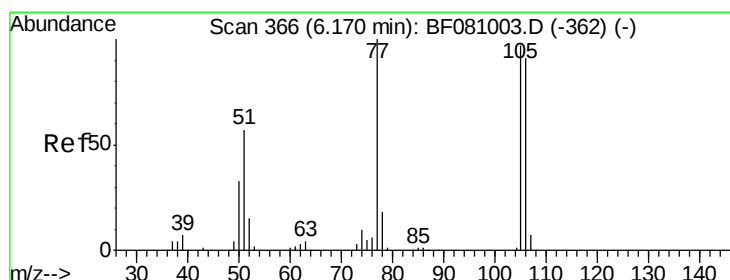
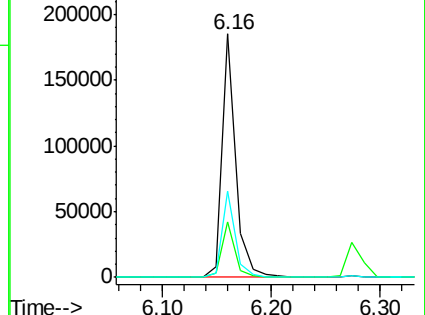
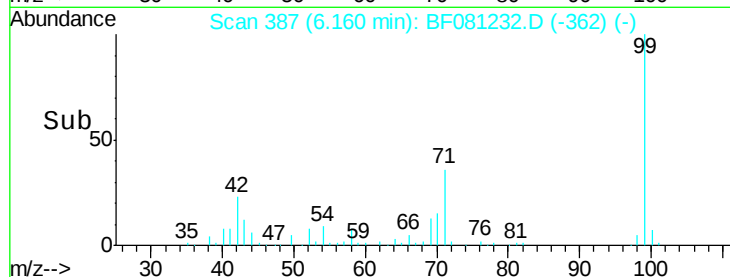
71 35.6 31.2 46.8



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: 2.95 ng

RT: 6.27 min Scan# 397

Delta R.T. 0.22 min

Lab File: BF081232.D

Acq: 27 Aug 2015 1:24

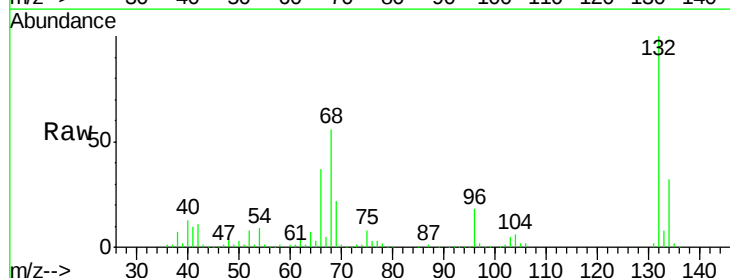
Tgt Ion: 77 Resp: 8612

Ion Ratio Lower Upper

77 100

105 64.9 69.6 109.6#

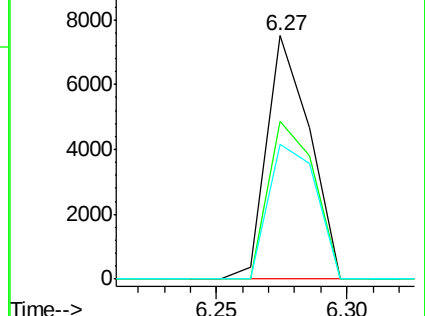
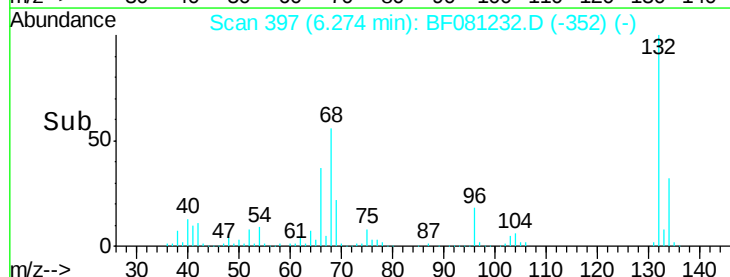
106 55.1 64.0 104.0#

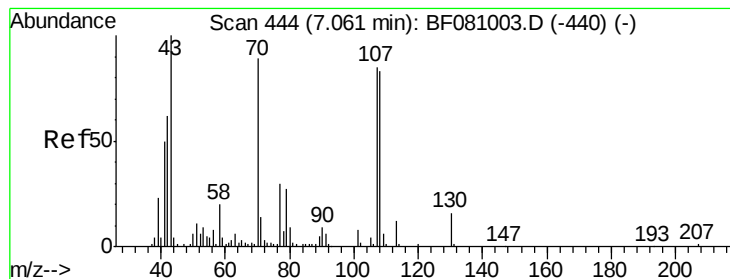


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 14.20 ng

RT: 7.09 min Scan# 468

Delta R.T. 0.13 min

Lab File: BF081232.D

Acq: 27 Aug 2015 1:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 44625

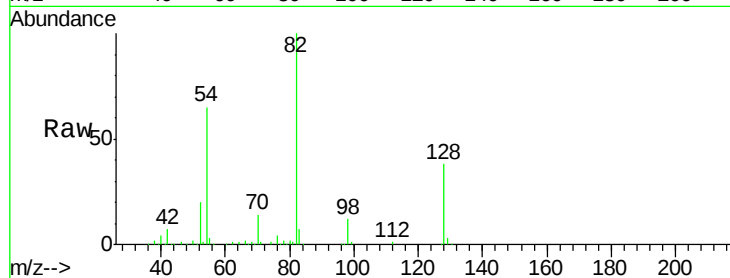
Ion Ratio Lower Upper

70 100

42 53.1 65.0 97.4#

101 0.0 7.4 11.2#

130 1.9 13.0 19.4#

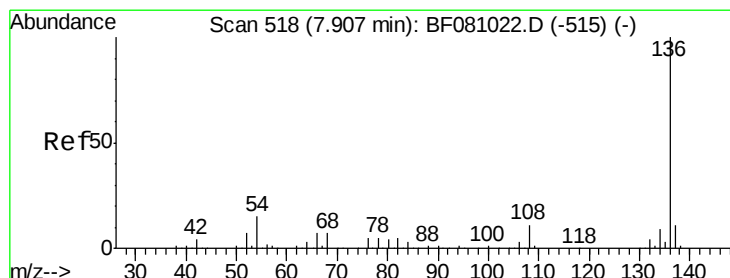
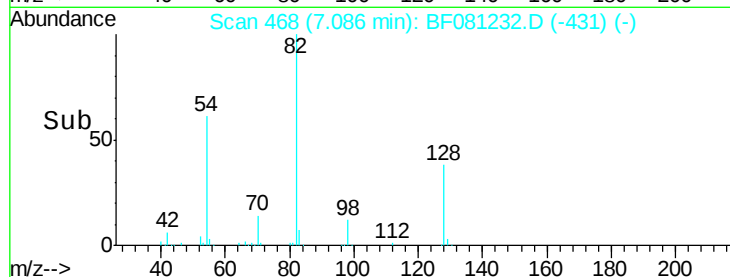
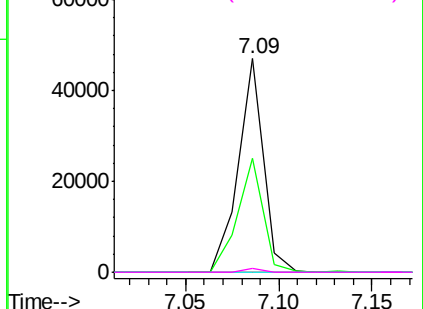


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.79 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF081232.D

Acq: 27 Aug 2015 1:24

Tgt Ion: 136 Resp: 186826

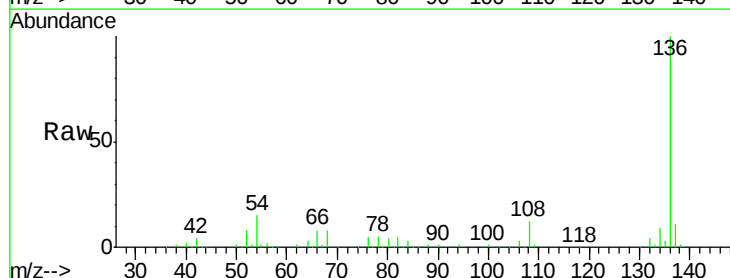
Ion Ratio Lower Upper

136 100

137 11.3 8.2 12.2

54 15.1 7.7 11.5#

68 7.7 3.4 5.2#

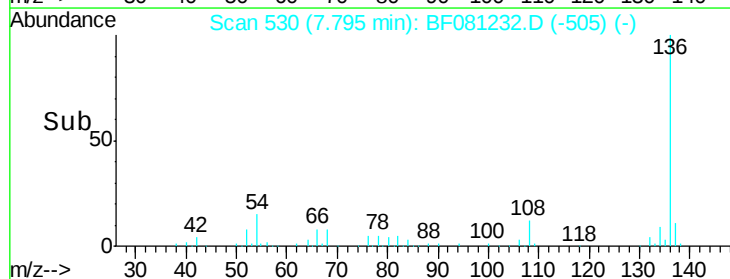
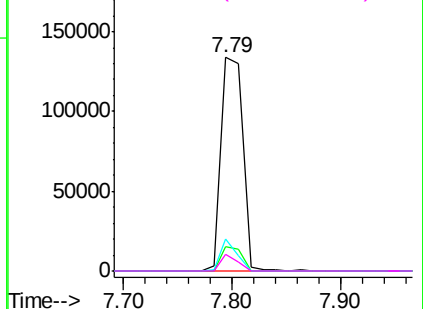


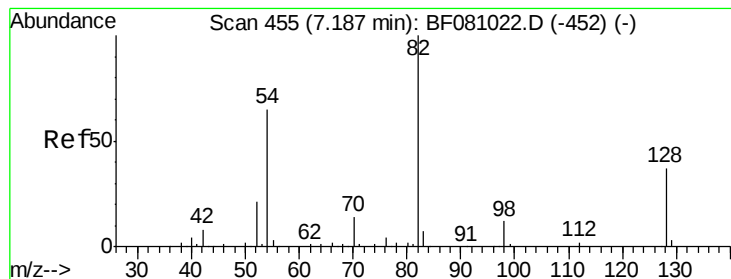
Abundance Ion 136.00 (135.70 to 136.70): E

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: 81.25 ng

RT: 7.09 min Scan# 468

Delta R.T. -0.01 min

Lab File: BF081232.D

Acq: 27 Aug 2015 1:24

Instrument :

BNA_F

ClientSampleId :

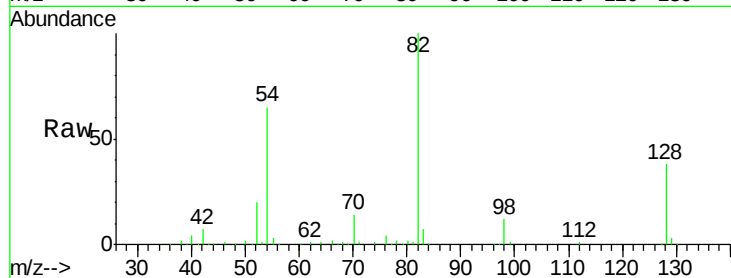
Tot Ion: 82 Resp: 332296

Ion Ratio Lower Upper

82 100

128 37.6 28.6 42.8

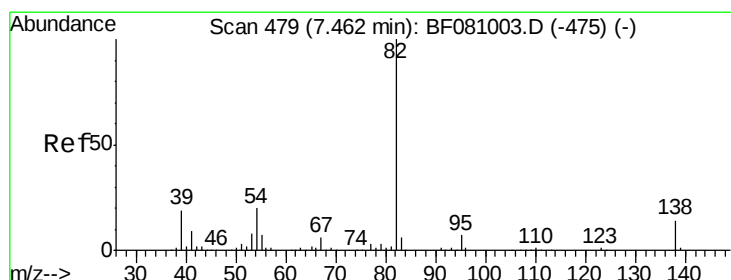
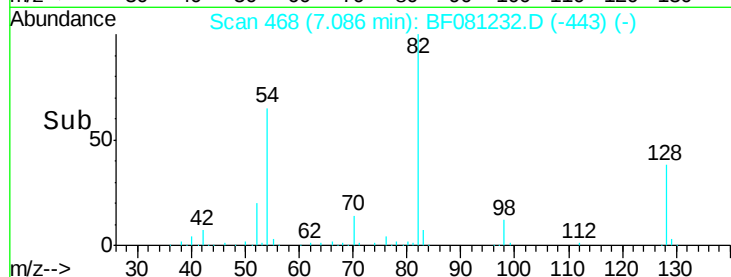
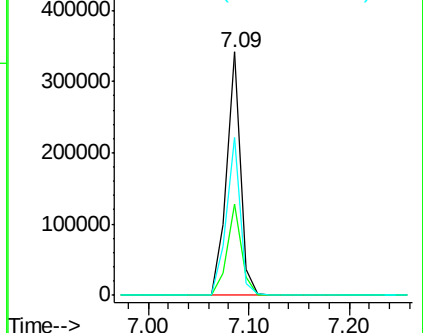
54 64.7 55.1 82.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 34.45 ng

RT: 7.09 min Scan# 468

Delta R.T. -0.27 min

Lab File: BF081232.D

Acq: 27 Aug 2015 1:24

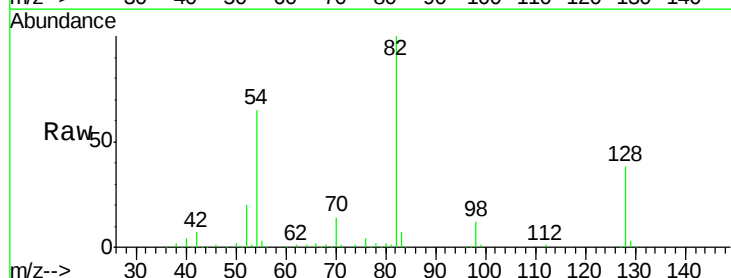
Tgt Ion: 82 Resp: 262711

Ion Ratio Lower Upper

82 100

95 0.0 6.2 9.2#

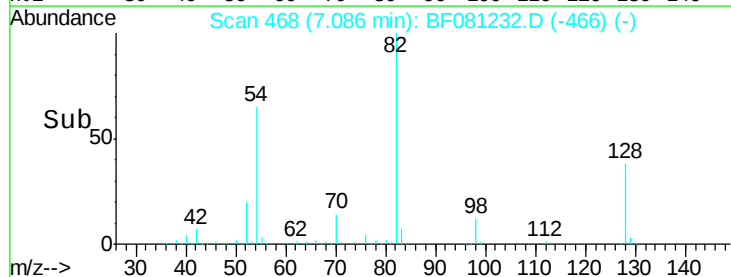
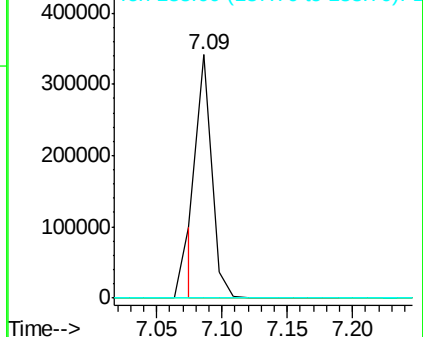
138 0.0 10.5 15.7#

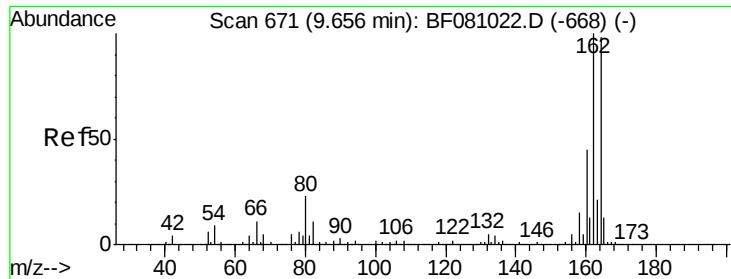


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

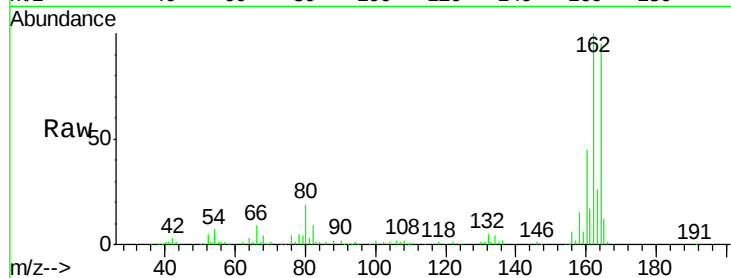




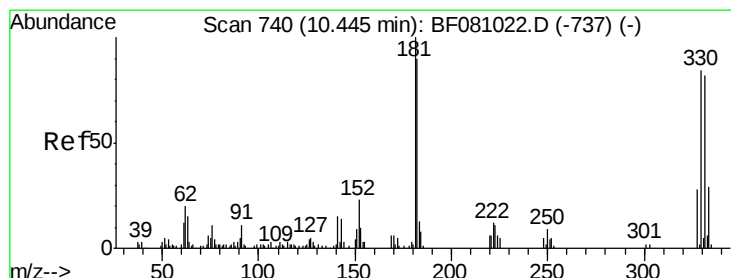
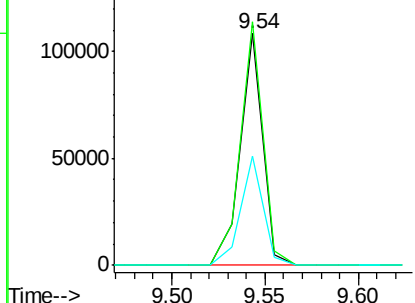
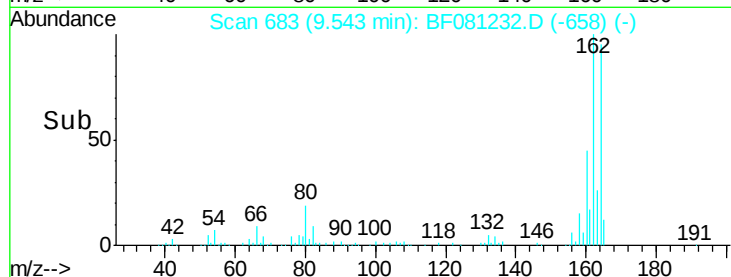
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.54 min Scan# 683
 Delta R.T. -0.01 min
 Lab File: BF081232.D
 Acq: 27 Aug 2015 1:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 91199
 Ion Ratio Lower Upper
 164 100
 162 105.0 83.8 125.8
 160 47.2 39.8 59.8

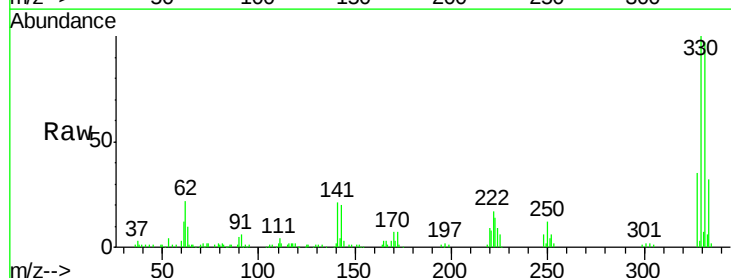


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

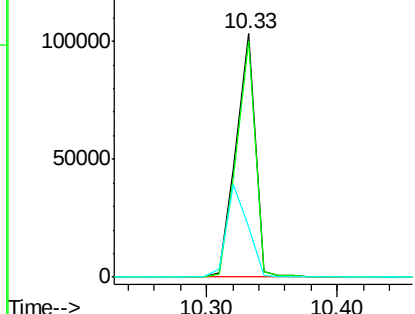
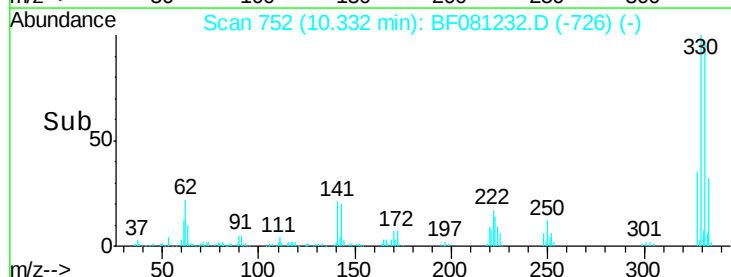


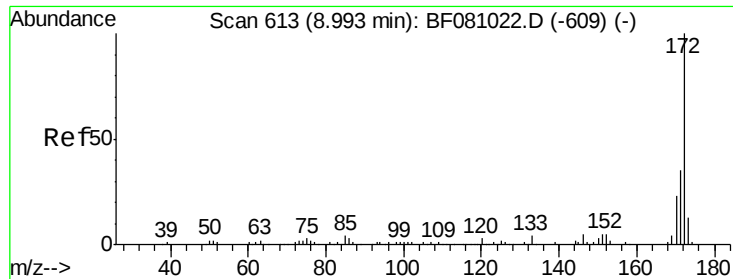
#41
 2,4,6-Tribromophenol
 Concen: 134.35 ng
 RT: 10.33 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF081232.D
 Acq: 27 Aug 2015 1:24

Tgt Ion:330 Resp: 106208
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.3 115.9
 141 42.1 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

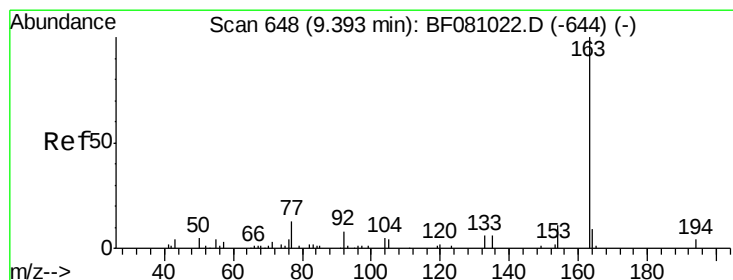
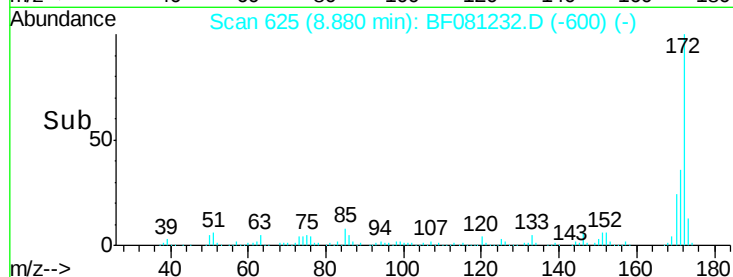
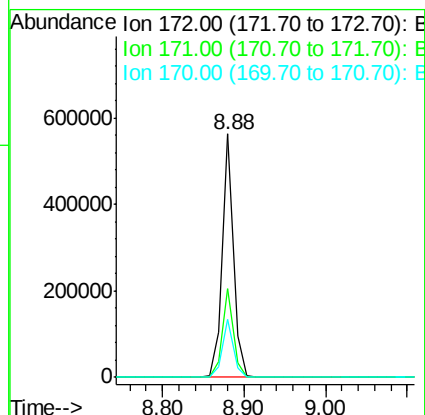
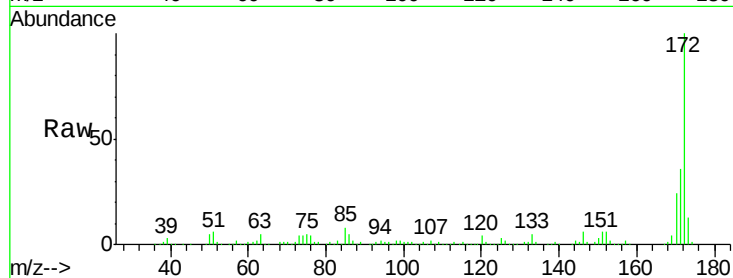




#44
 2-Fluorobiphenyl
 Concen: 76.43 ng
 RT: 8.88 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF081232.D
 Acq: 27 Aug 2015 1:24

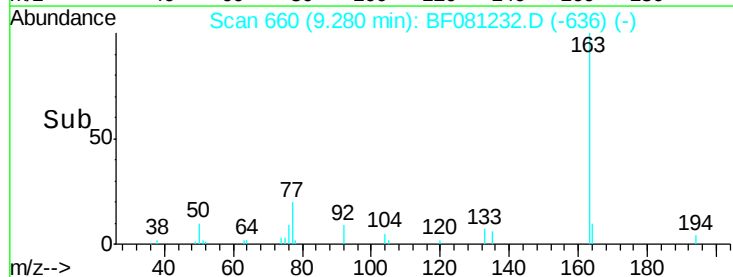
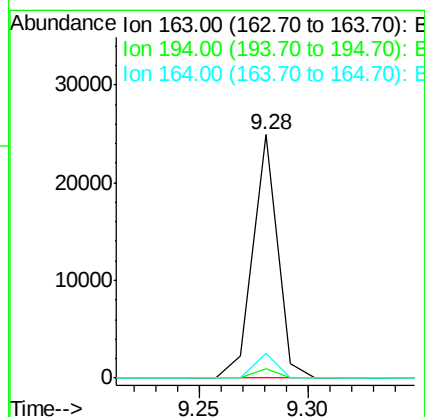
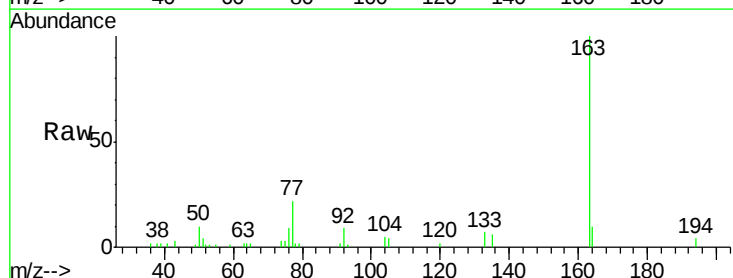
Instrument :
 BNA_F
 ClientSampleId :

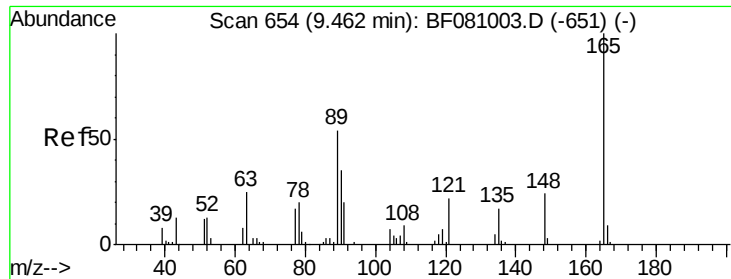
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.9	43.3
170	24.1	19.4	29.2



#49
 Dimethylphthalate
 Concen: 2.62 ng
 RT: 9.28 min Scan# 660
 Delta R.T. -0.02 min
 Lab File: BF081232.D
 Acq: 27 Aug 2015 1:24

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.5	3.7#
164	9.9	8.1	12.1

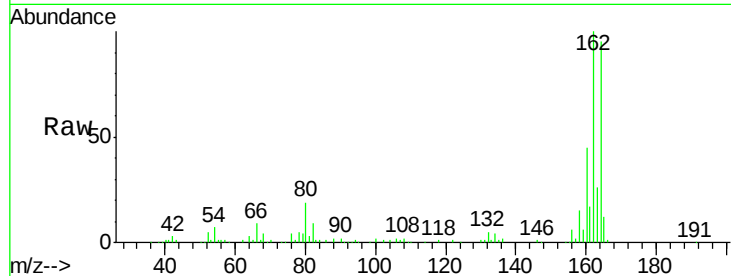




#50
 2,6-Dinitrotoluene
 Concen: 7.36 ng
 RT: 9.54 min Scan# 683
 Delta R.T. 0.18 min
 Lab File: BF081232.D
 Acq: 27 Aug 2015 1:24

Instrument :
 BNA_F
 ClientSampleId :

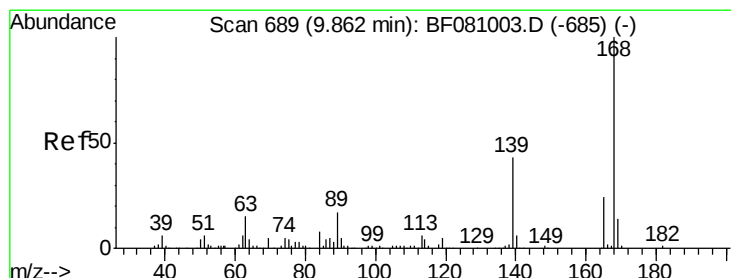
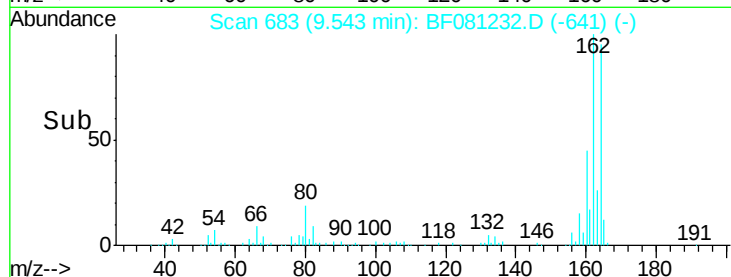
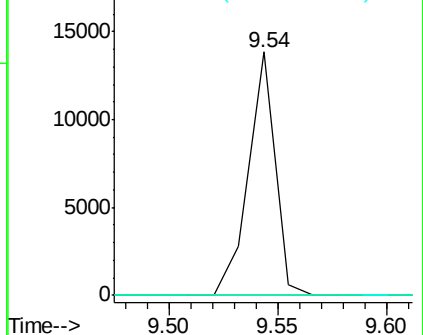
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	49.5	74.3#
89	0.0	47.6	71.4#



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: 5.55 ng
 RT: 9.54 min Scan# 683
 Delta R.T. -0.21 min
 Lab File: BF081232.D
 Acq: 27 Aug 2015 1:24

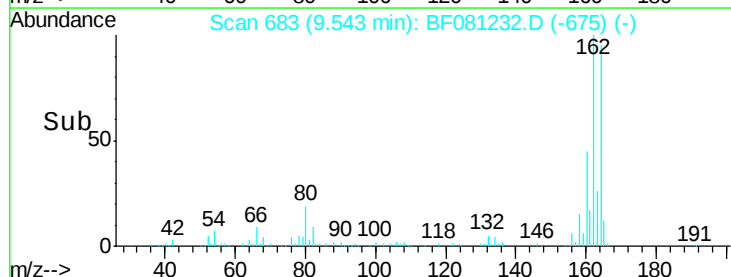
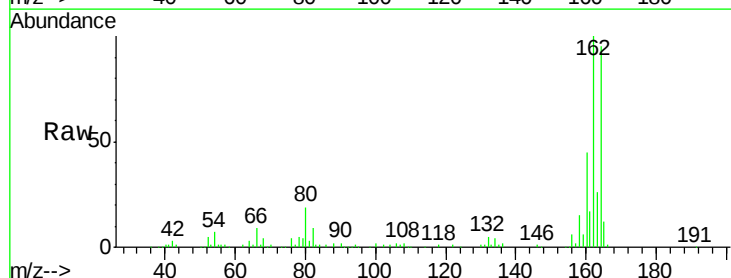
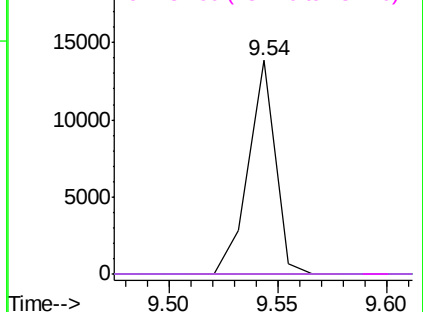
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.2	78.4#
89	0.0	60.1	90.1#
182	0.0	1.8	2.6#

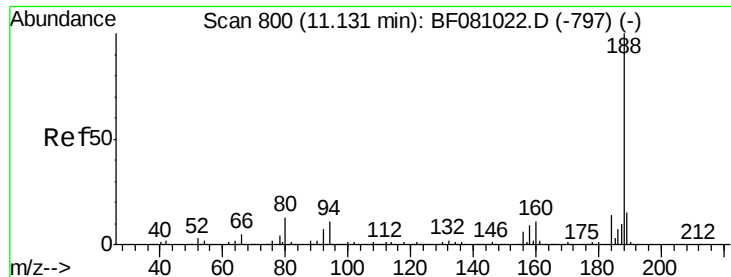
Abundance Ion 165.00 (164.70 to 165.70): E

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

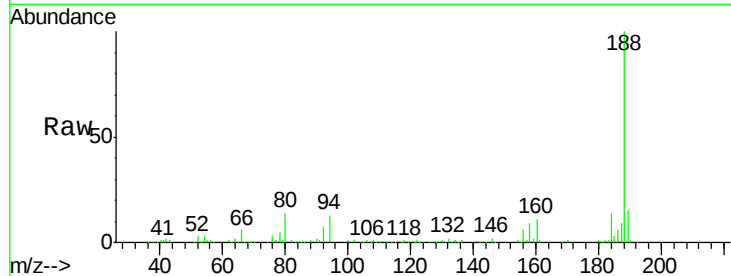




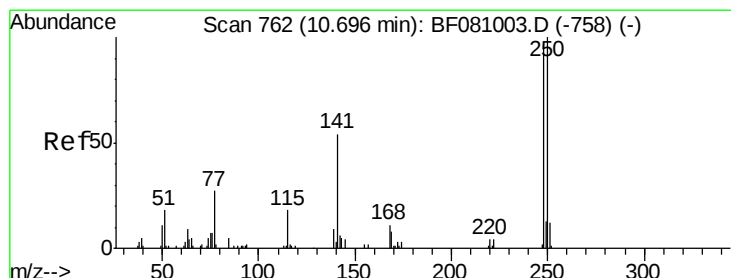
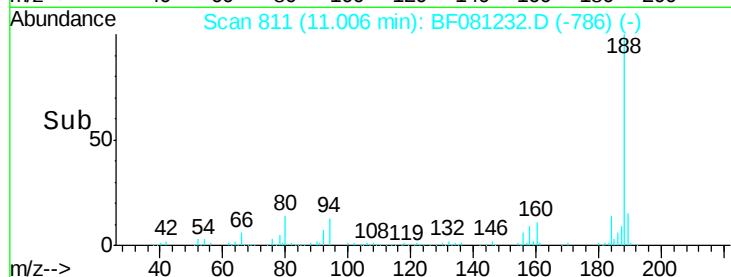
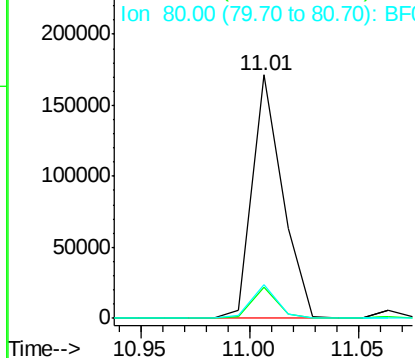
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.01 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF081232.D
 Acq: 27 Aug 2015 1:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 166014
 Ion Ratio Lower Upper
 188 100
 94 12.5 8.2 12.2#
 80 13.7 9.5 14.3

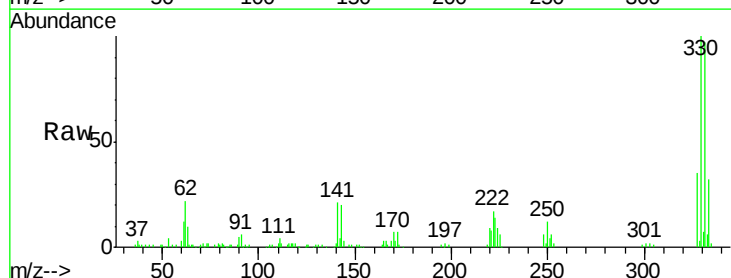


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

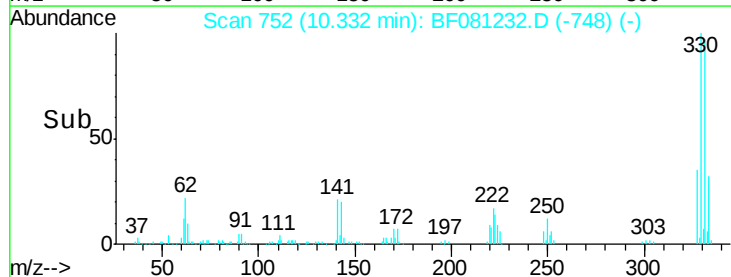
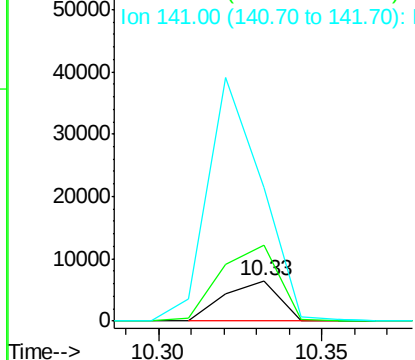


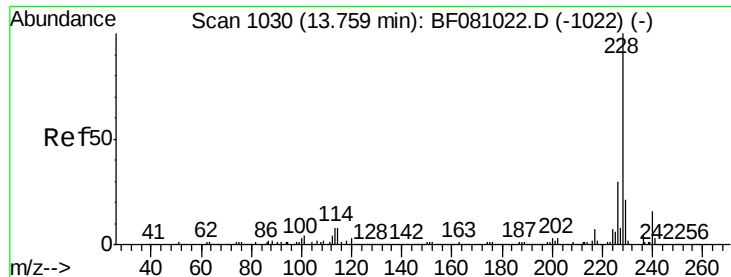
#66
 4-Bromophenyl-phenylether
 Concen: 4.62 ng
 RT: 10.33 min Scan# 752
 Delta R.T. -0.25 min
 Lab File: BF081232.D
 Acq: 27 Aug 2015 1:24

Tgt Ion:248 Resp: 7539
 Ion Ratio Lower Upper
 248 100
 250 187.3 77.8 116.6#
 141 329.2 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

Chrysene-d12

Concen: 20.00 ng

RT: 13.62 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF081232.D

Acq: 27 Aug 2015 1:24

Instrument :

BNA_F

ClientSampleId :

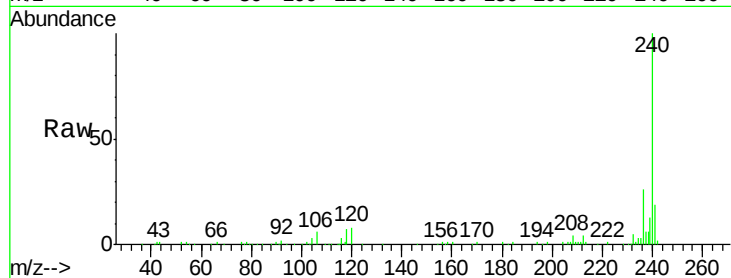
Tot Ion:240 Resp: 140736

Ion Ratio Lower Upper

240 100

120 8.4 5.6 8.4

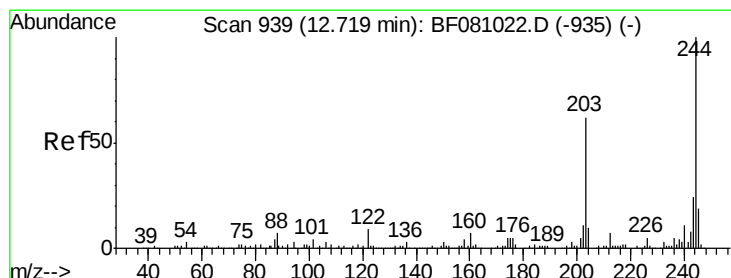
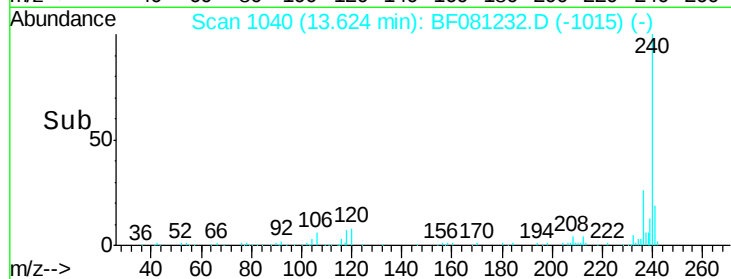
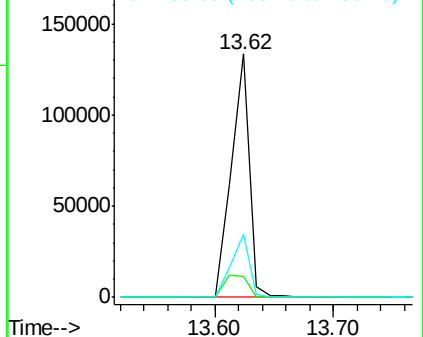
236 26.1 20.6 30.8



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: 70.17 ng

RT: 12.60 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF081232.D

Acq: 27 Aug 2015 1:24

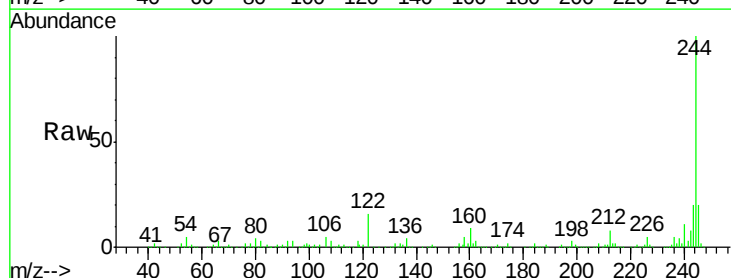
Tgt Ion:244 Resp: 460679

Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.8

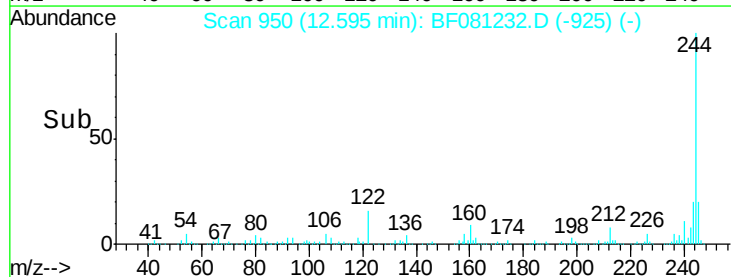
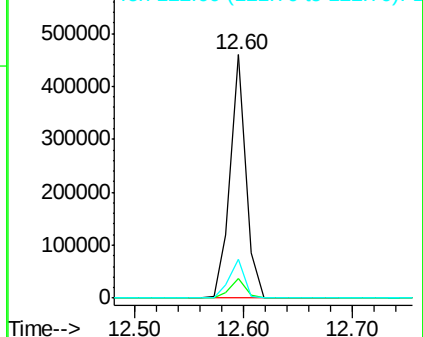
122 15.9 8.2 12.4#

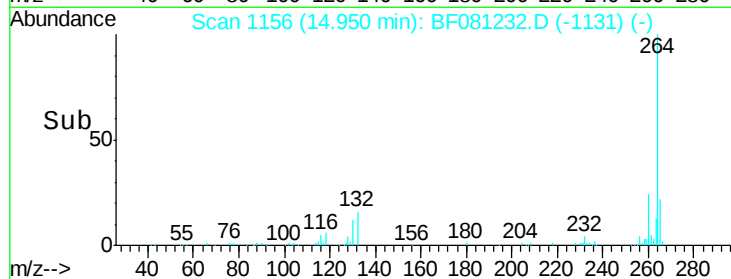
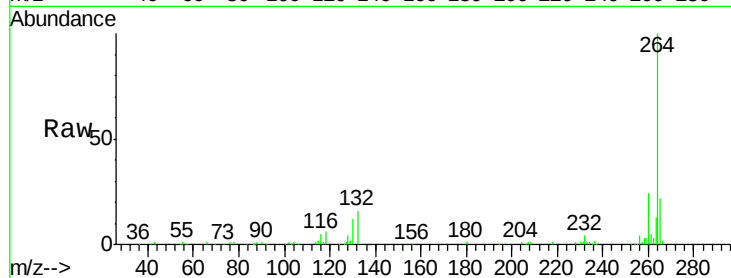
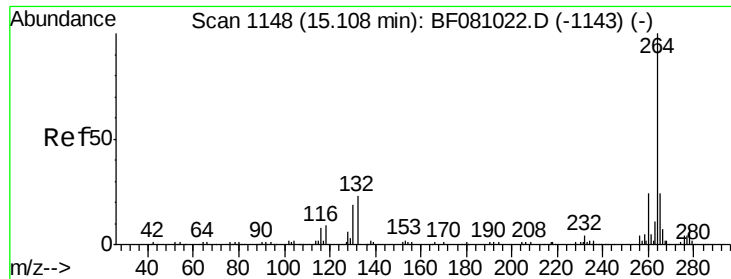


Abundance Ion 244.00 (243.70 to 244.70): E

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: 14.95 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF081232.D

Acq: 27 Aug 2015 1:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion:264 Resp: 100447

Ion Ratio Lower Upper

264 100

260 23.8 19.6 29.4

265 21.6 17.5 26.3

