

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090515\
 Data File : BF081494.D
 Acq On : 6 Sep 2015 6:39
 Operator : UM/IZ
 Sample : G3557-06
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-10-090215

Quant Time: Sep 07 01:35:51 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 17:35:35 2015
 Response via : Initial Calibration

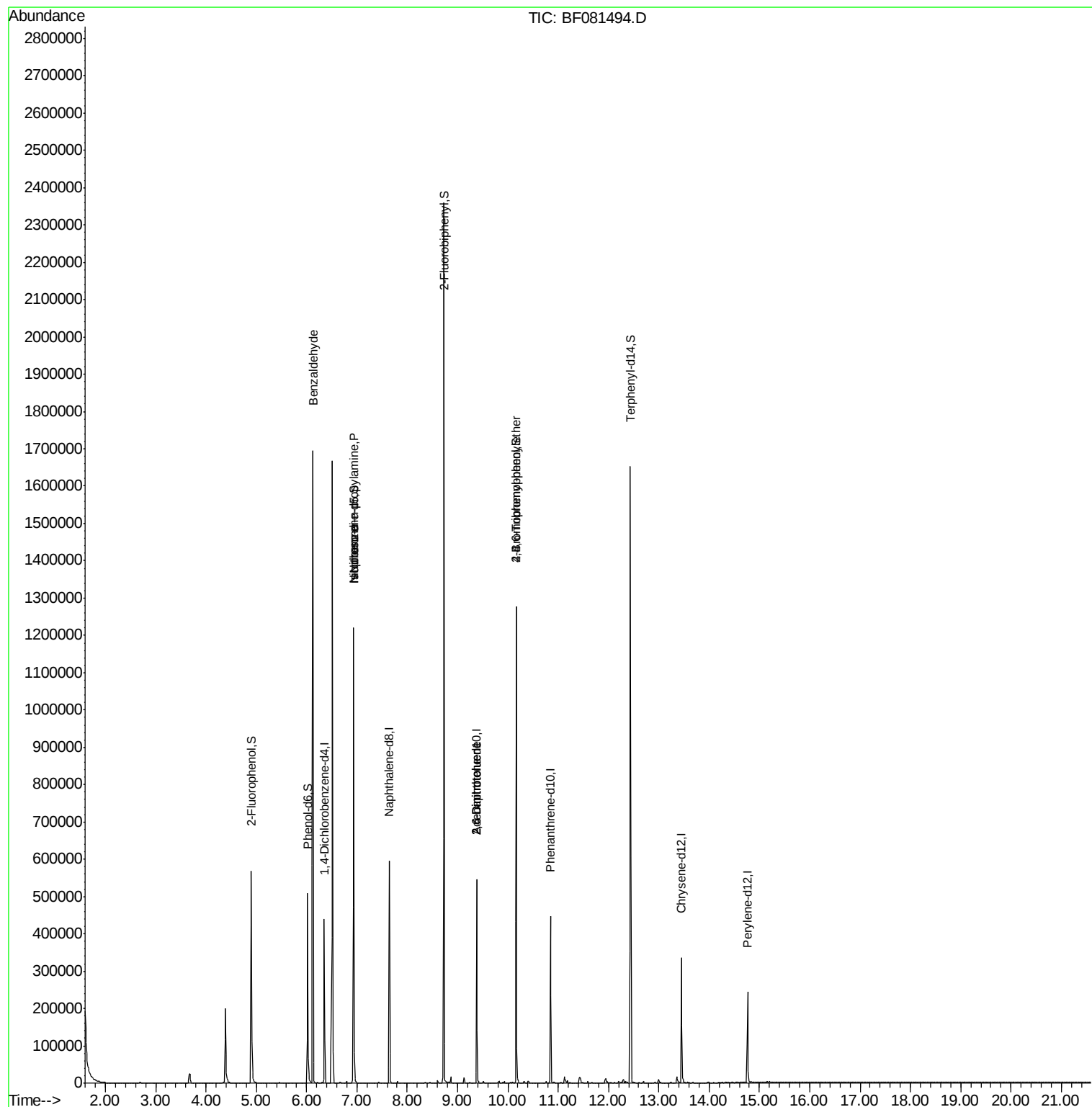
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	60624	20.00	ng	-0.03
21) Naphthalene-d8	7.64	136	232928	20.00	ng	-0.03
38) Acenaphthene-d10	9.38	164	103711	20.00	ng	-0.03
63) Phenanthrene-d10	10.84	188	195531	20.00	ng	-0.03
75) Chrysene-d12	13.45	240	138370	20.00	ng	-0.05
86) Perylene-d12	14.77	264	103564	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	4.90	112	203131	51.99	ng	-0.02
7) Phenol-d6	6.02	99	169991	32.87	ng	-0.03
23) Nitrobenzene-d5	6.94	82	409124	84.74	ng	-0.03
41) 2,4,6-Tribromophenol	10.17	330	117867	127.64	ng	-0.03
44) 2-Fluorobiphenyl	8.73	172	704268	87.02	ng	-0.03
78) Terphenyl-d14	12.43	244	588171	98.95	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.12	77	11047	3.41	ng	# 64
19) n-Nitroso-di-n-propylamine	6.94	70	56248	15.98	ng	# 63
25) Isophorone	6.94	82	301797	33.61	ng	# 58
50) 2,6-Dinitrotoluene	9.38	165	13401	7.33	ng	# 39
56) 2,4-Dinitrotoluene	9.38	165	13401	5.75	ng	# 33
66) 4-Bromophenyl-phenylether	10.17	248	9149	4.63	ng	# 1

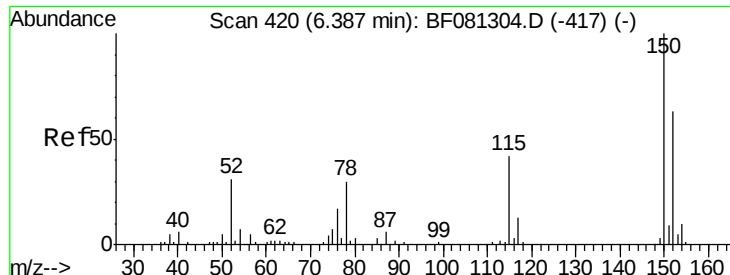
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.03 min

Lab File: BF081494.D

Acq: 6 Sep 2015 6:39

Instrument :

BNA_F

ClientSampleId :

MW-10-090215

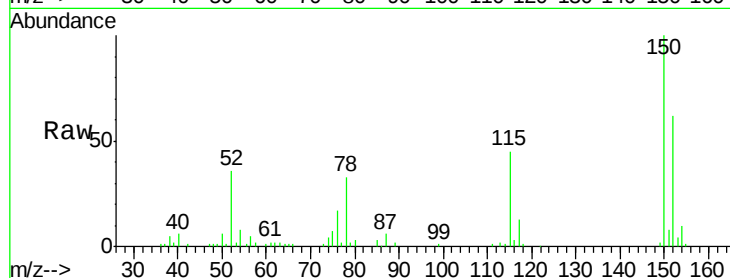
Tot Ion:152 Resp: 60624

Ion Ratio Lower Upper

152 100

150 161.6 124.7 187.1

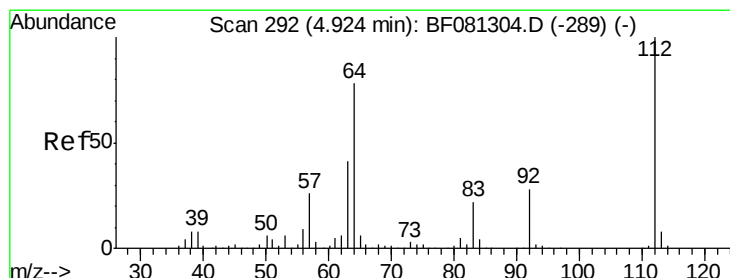
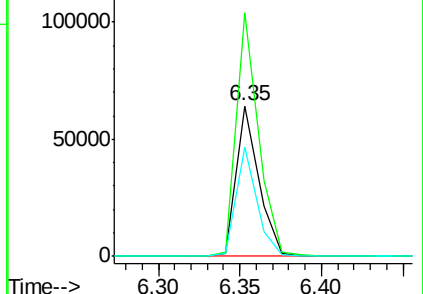
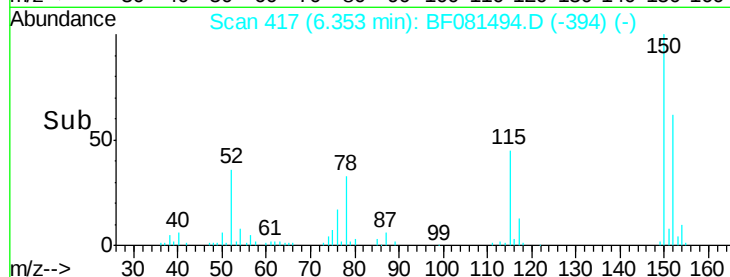
115 72.3 39.0 58.4#



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: 51.99 ng

RT: 4.90 min Scan# 290

Delta R.T. -0.02 min

Lab File: BF081494.D

Acq: 6 Sep 2015 6:39

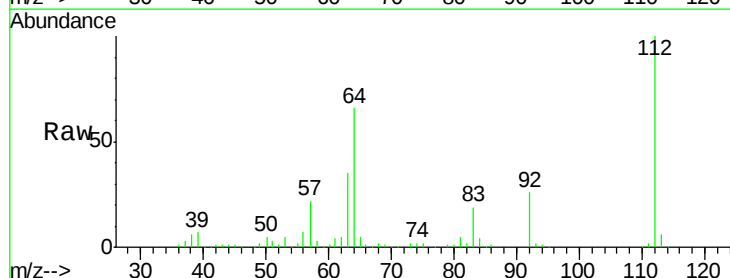
Tgt Ion:112 Resp: 203131

Ion Ratio Lower Upper

112 100

64 66.0 39.7 59.5#

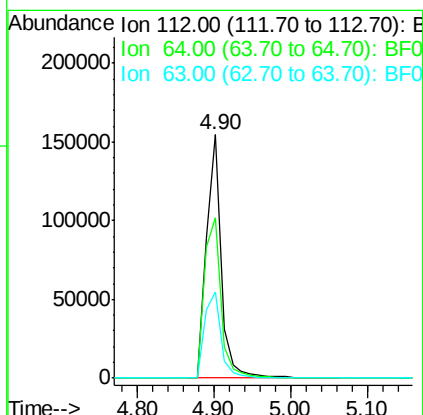
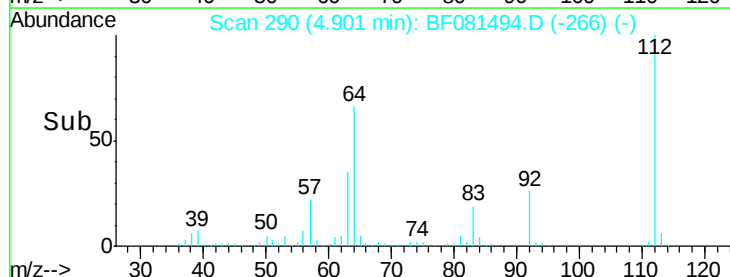
63 35.3 17.4 26.0#

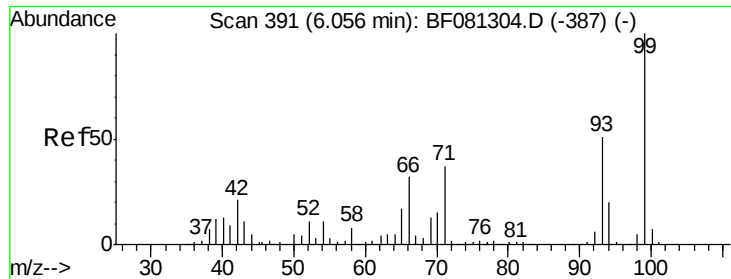


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 32.87 ng

RT: 6.02 min Scan# 388

Delta R.T. -0.03 min

Lab File: BF081494.D

Acq: 6 Sep 2015 6:39

Instrument :

BNA_F

ClientSampleId :

MW-10-090215

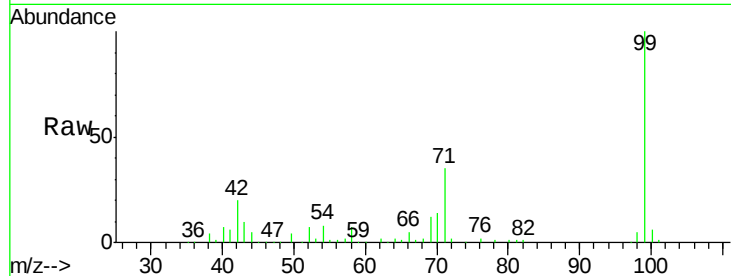
Tot Ion: 99 Resp: 169991

Ion Ratio Lower Upper

99 100

42 19.8 13.7 20.5

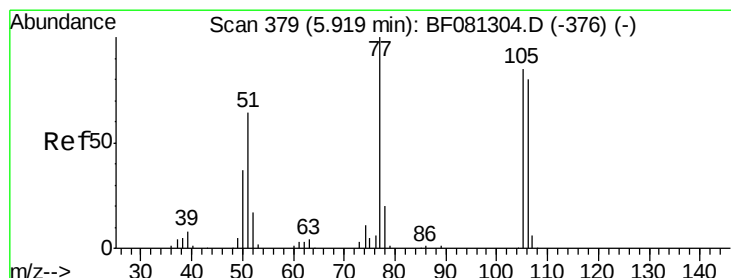
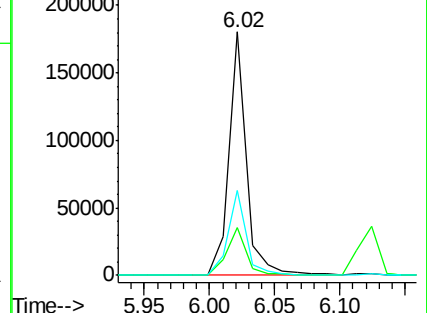
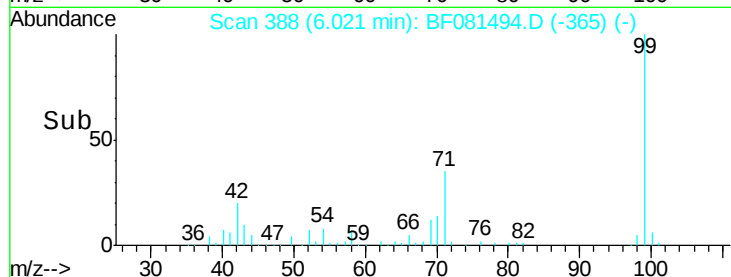
71 35.1 14.2 21.2#



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: 3.41 ng

RT: 6.12 min Scan# 397

Delta R.T. 0.21 min

Lab File: BF081494.D

Acq: 6 Sep 2015 6:39

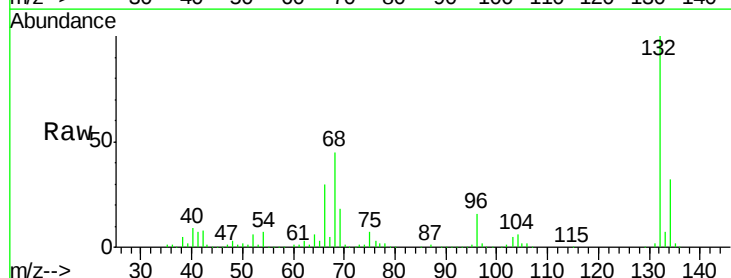
Tgt Ion: 77 Resp: 11047

Ion Ratio Lower Upper

77 100

105 81.3 91.6 131.6#

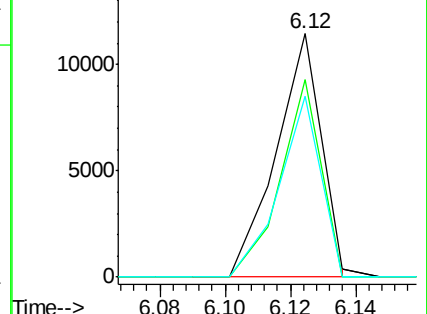
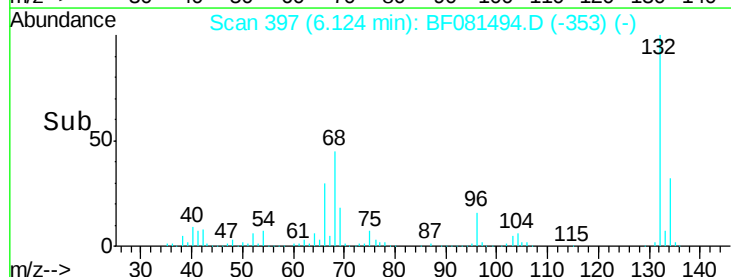
106 74.1 102.6 142.6#

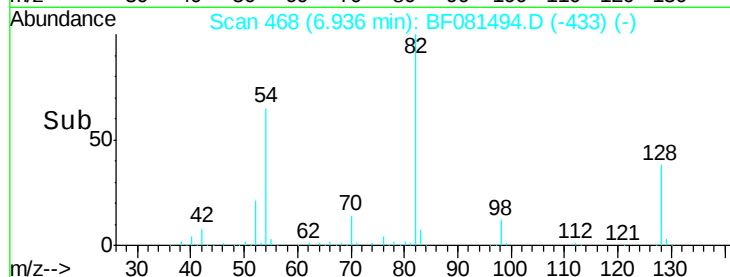
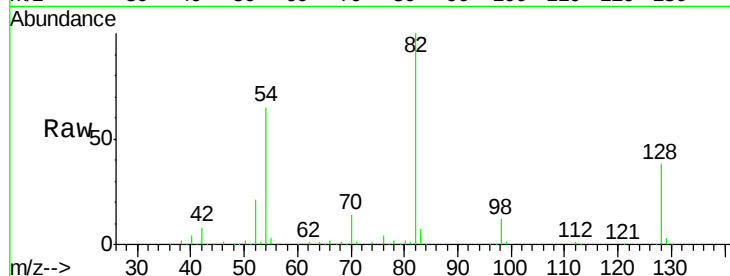
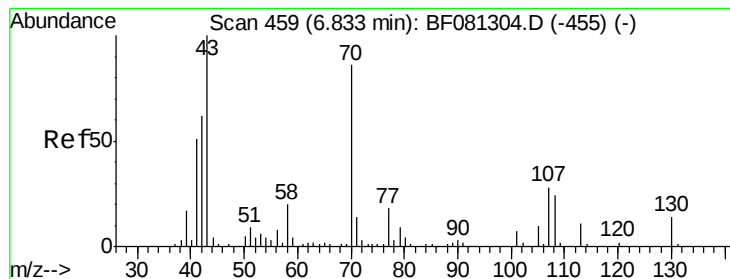


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#19

n-Nitroso-di-n-propylamine

Concen: 15.98 ng

RT: 6.94 min Scan# 468

Delta R.T. 0.10 min

Lab File: BF081494.D

Acq: 6 Sep 2015 6:39

Instrument :

BNA_F

ClientSampleId :

MW-10-090215

Tot Ion: 70 Resp: 56248

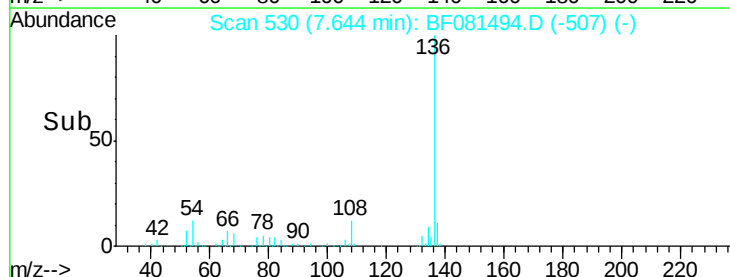
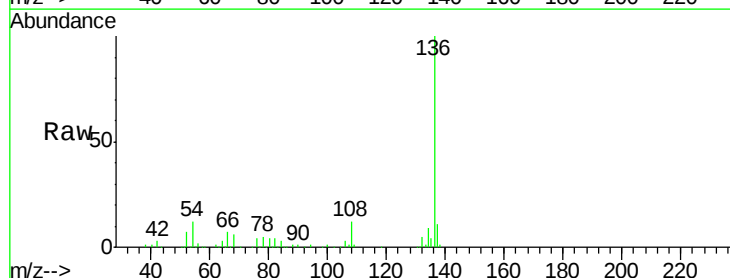
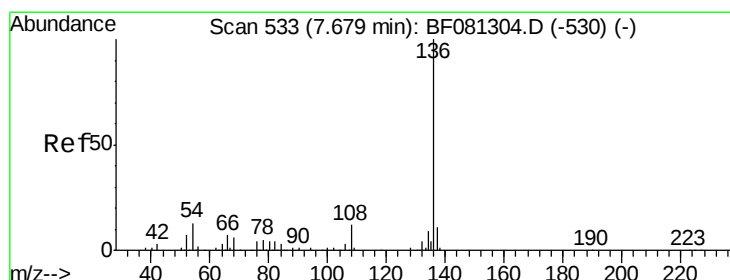
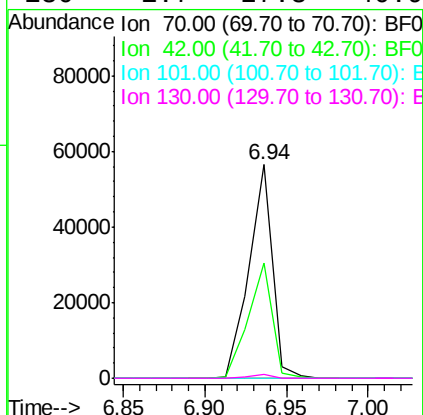
Ion Ratio Lower Upper

70 100

42 53.7 63.8 95.6#

101 0.0 9.2 13.8#

130 1.7 27.3 40.9#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.64 min Scan# 530

Delta R.T. -0.03 min

Lab File: BF081494.D

Acq: 6 Sep 2015 6:39

Tgt Ion: 136 Resp: 232928

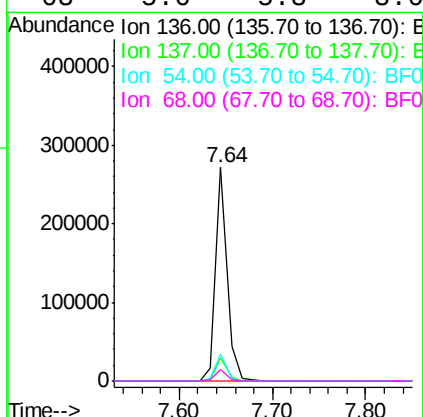
Ion Ratio Lower Upper

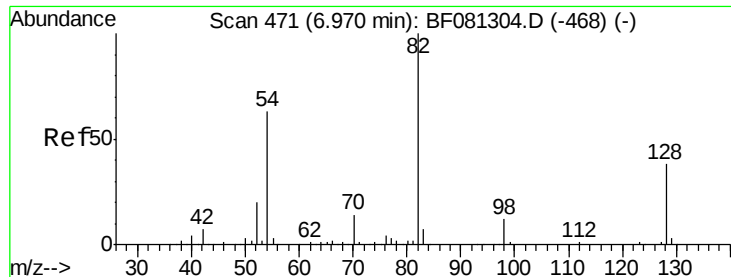
136 100

137 11.0 9.0 13.6

54 12.3 8.2 12.2#

68 5.6 5.8 8.6#

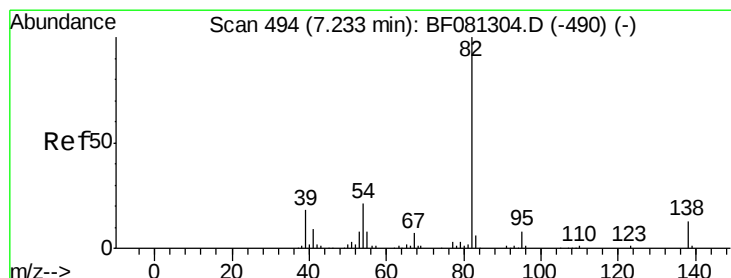
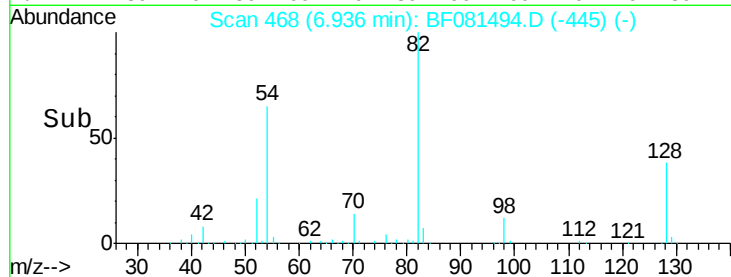
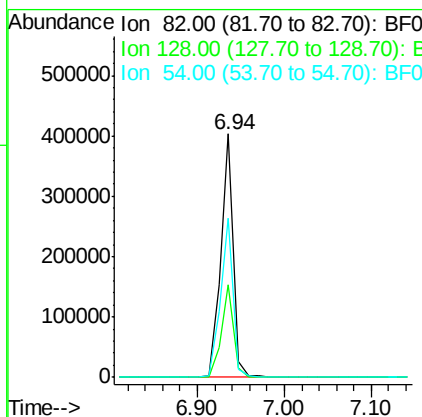
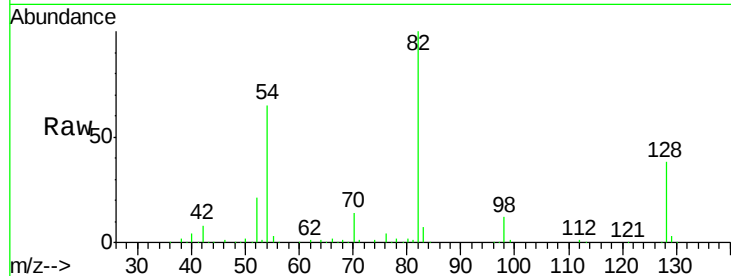




#23
 Nitrobenzene-d5
 Concen: 84.74 ng
 RT: 6.94 min Scan# 468
 Delta R.T. -0.03 min
 Lab File: BF081494.D
 Acq: 6 Sep 2015 6:39

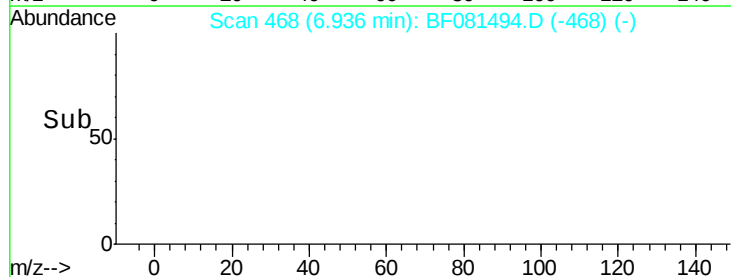
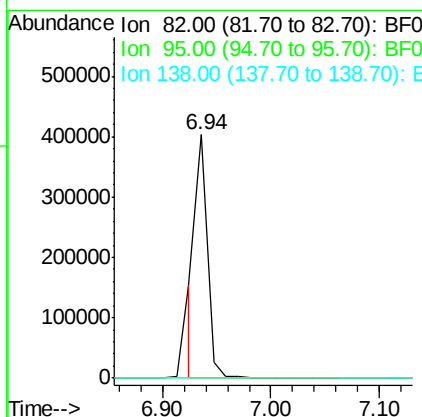
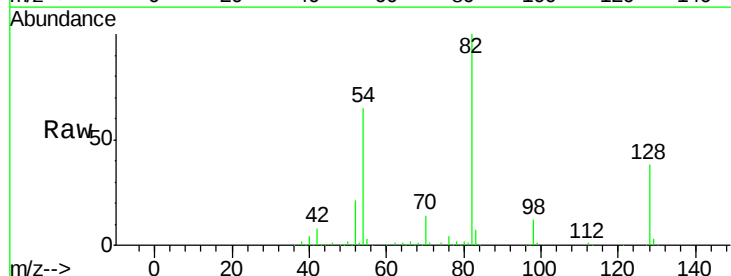
Instrument :
 BNA_F
 ClientSampleId :
 MW-10-090215

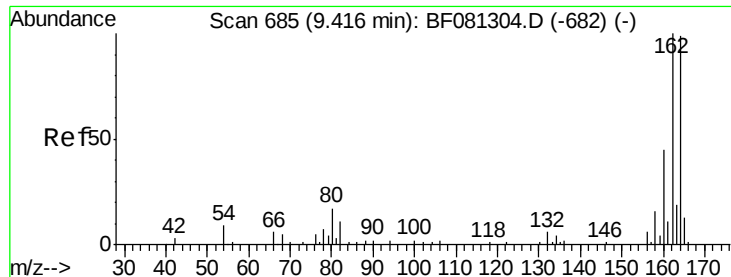
Tot Ion: 82 Resp: 409124
 Ion Ratio Lower Upper
 82 100
 128 37.8 51.0 76.6#
 54 65.1 47.5 71.3



#25
 Isophorone
 Concen: 33.61 ng
 RT: 6.94 min Scan# 468
 Delta R.T. -0.30 min
 Lab File: BF081494.D
 Acq: 6 Sep 2015 6:39

Tgt Ion: 82 Resp: 301797
 Ion Ratio Lower Upper
 82 100
 95 0.0 4.0 6.0#
 138 0.0 18.3 27.5#

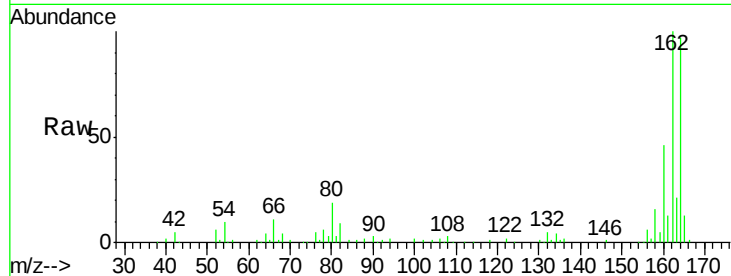




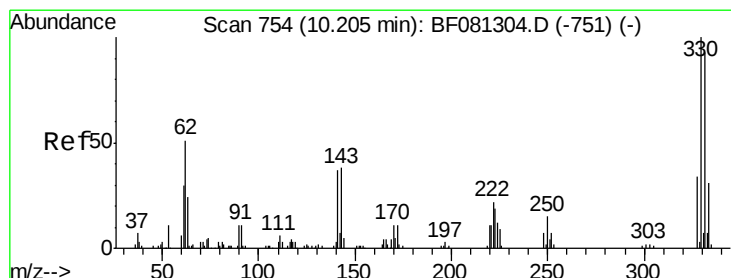
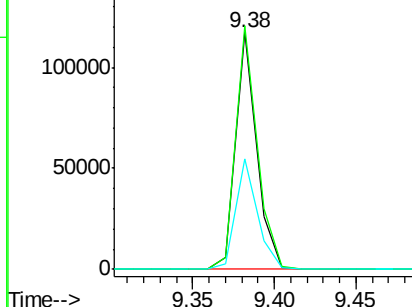
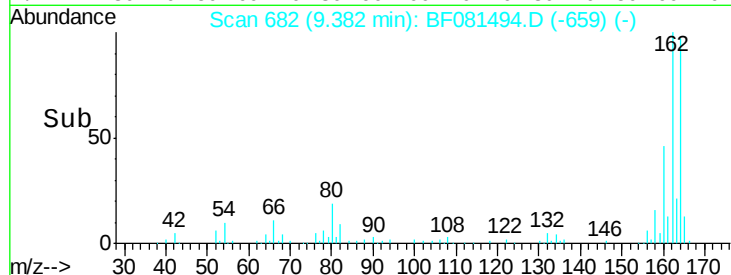
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.38 min Scan# 682
 Delta R.T. -0.03 min
 Lab File: BF081494.D
 Acq: 6 Sep 2015 6:39

Instrument :
 BNA_F
 ClientSampleId :
 MW-10-090215

Tot Ion:164 Resp: 103711
 Ion Ratio Lower Upper
 164 100
 162 102.8 75.2 112.8
 160 46.9 31.5 47.3

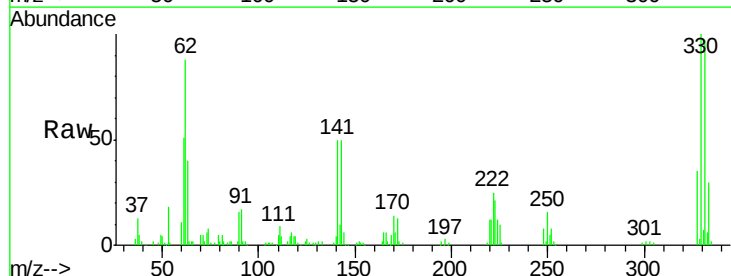


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

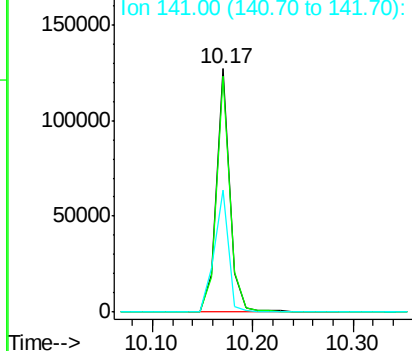
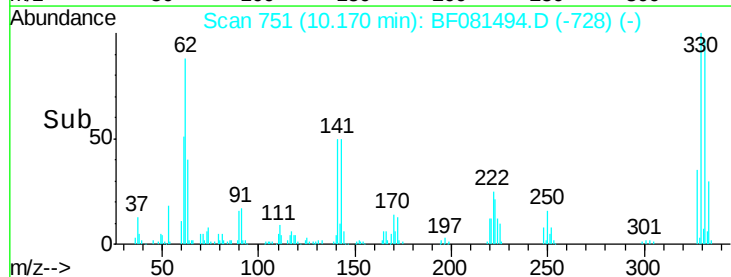


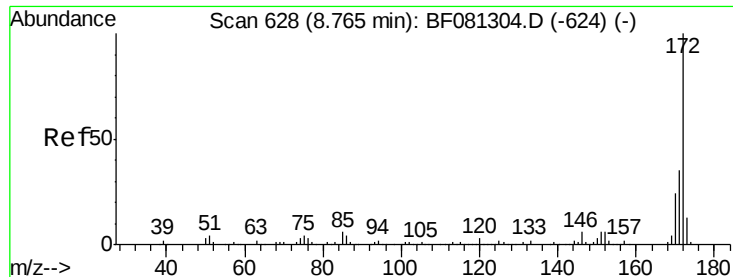
#41
 2,4,6-Tribromophenol
 Concen: 127.64 ng
 RT: 10.17 min Scan# 751
 Delta R.T. -0.03 min
 Lab File: BF081494.D
 Acq: 6 Sep 2015 6:39

Tgt Ion:330 Resp: 117867
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.6 114.8
 141 53.1 29.7 44.5#



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

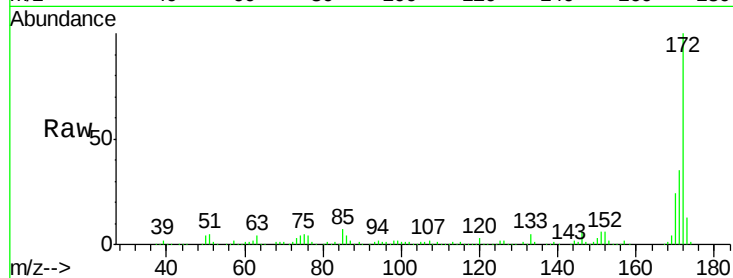




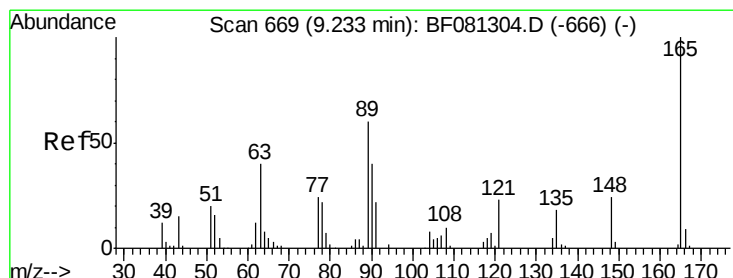
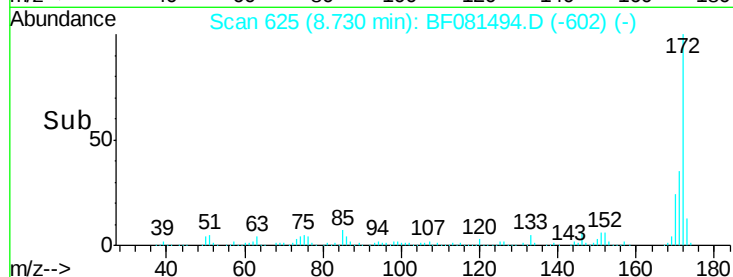
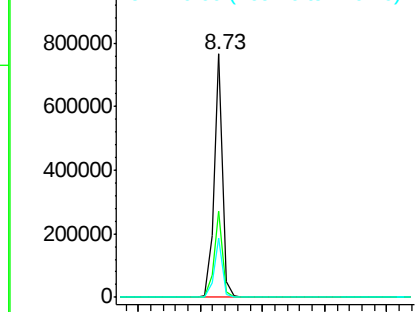
#44
 2-Fluorobiphenyl
 Concen: 87.02 ng
 RT: 8.73 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF081494.D
 Acq: 6 Sep 2015 6:39

Instrument :
 BNA_F
 ClientSampleId :
 MW-10-090215

Tot Ion:172 Resp: 704268
 Ion Ratio Lower Upper
 172 100
 171 35.4 26.1 39.1
 170 24.1 17.4 26.2

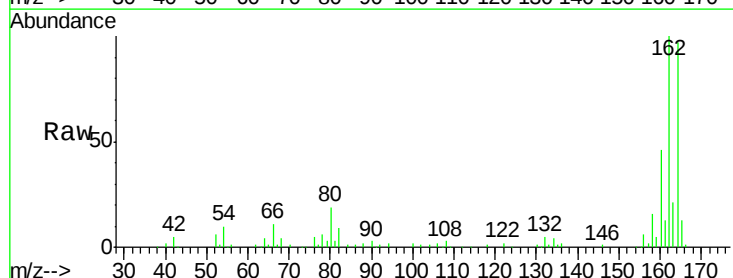


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

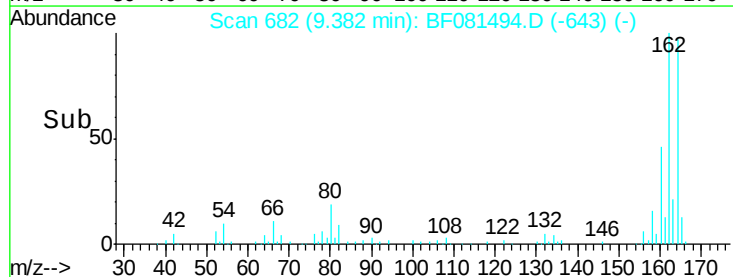
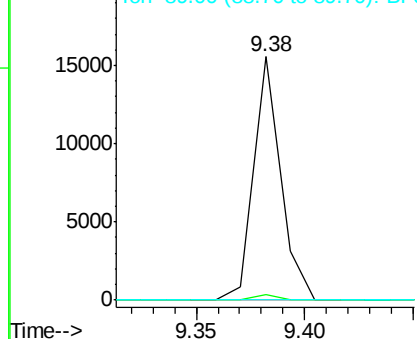


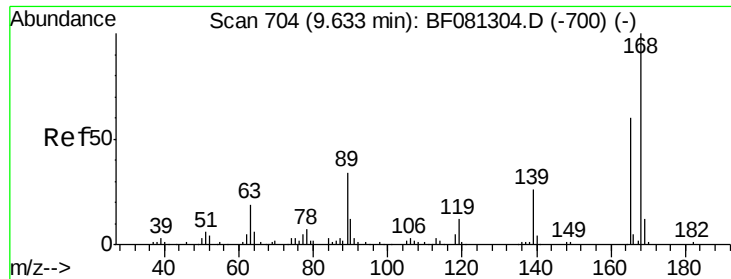
#50
 2,6-Dinitrotoluene
 Concen: 7.33 ng
 RT: 9.38 min Scan# 682
 Delta R.T. 0.15 min
 Lab File: BF081494.D
 Acq: 6 Sep 2015 6:39

Tgt Ion:165 Resp: 13401
 Ion Ratio Lower Upper
 165 100
 63 2.1 32.3 48.5#
 89 0.0 28.6 43.0#



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: 5.75 ng

RT: 9.38 min Scan# 682

Delta R.T. -0.25 min

Lab File: BF081494.D

Acq: 6 Sep 2015 6:39

Instrument :

BNA_F

ClientSampleId :

MW-10-090215

Tot Ion:165 Resp: 13401

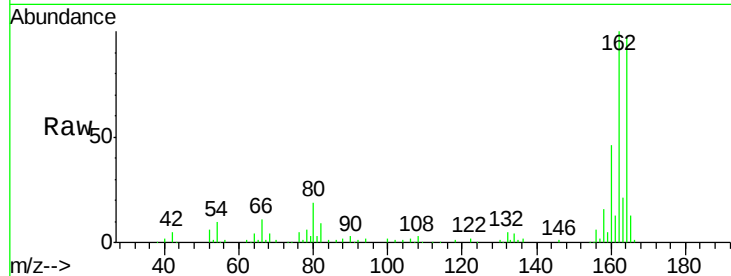
Ion Ratio Lower Upper

165 100

63 2.1 29.8 44.6#

89 0.0 44.5 66.7#

182 0.0 3.0 4.4#

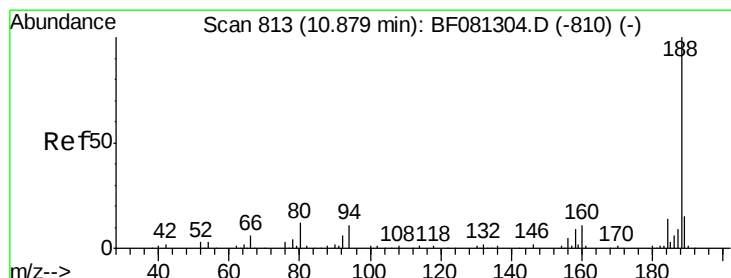
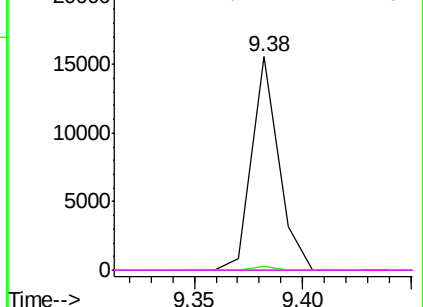
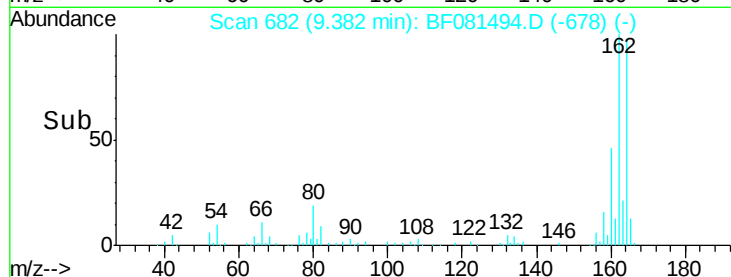


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 10.84 min Scan# 810

Delta R.T. -0.03 min

Lab File: BF081494.D

Acq: 6 Sep 2015 6:39

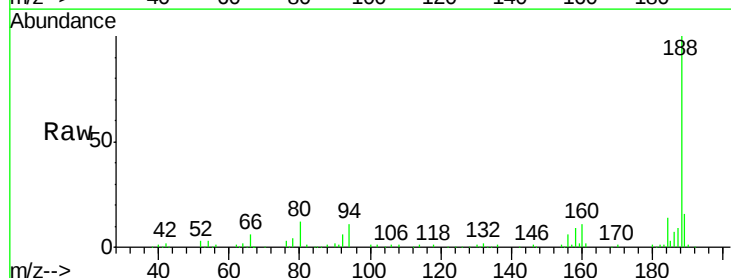
Tgt Ion:188 Resp: 195531

Ion Ratio Lower Upper

188 100

94 10.8 11.1 16.7#

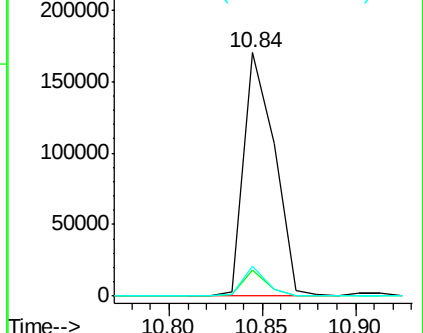
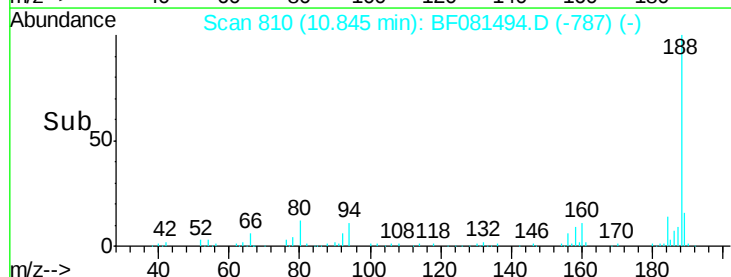
80 12.3 11.0 16.4

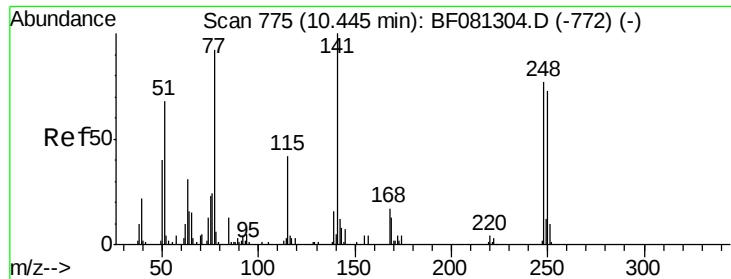


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

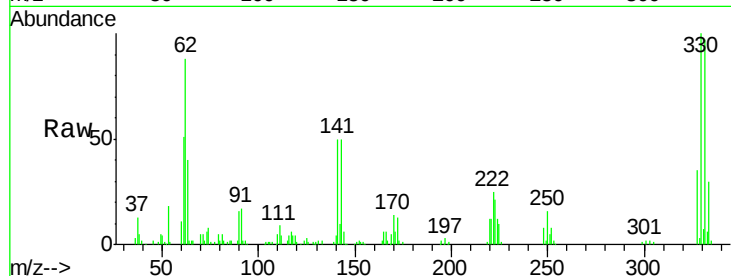




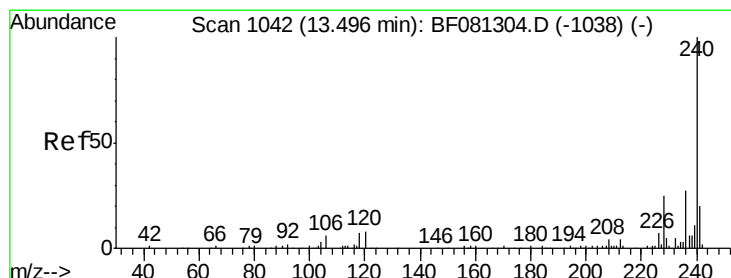
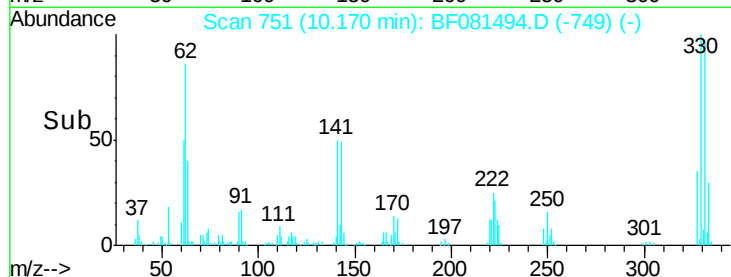
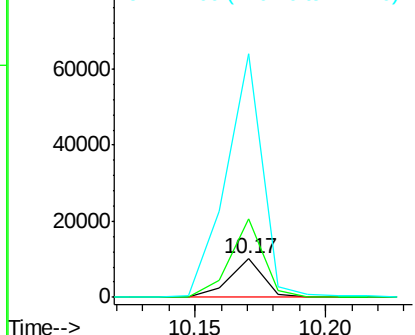
#66
4-Bromophenyl-phenylether
Concen: 4.63 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.27 min
Lab File: BF081494.D
Acq: 6 Sep 2015 6:39

Instrument :
BNA_F
ClientSampleId :
MW-10-090215

Tot Ion:248 Resp: 9149
Ion Ratio Lower Upper
248 100
250 203.1 78.5 117.7#
141 630.5 59.0 88.6#

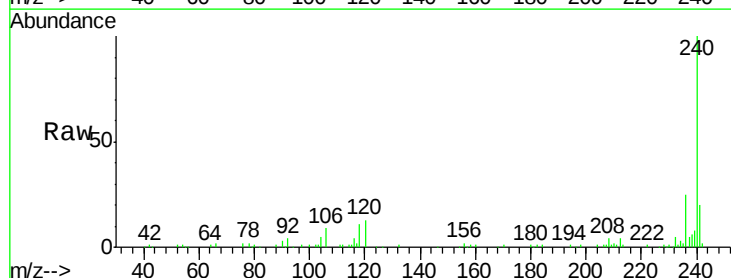


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

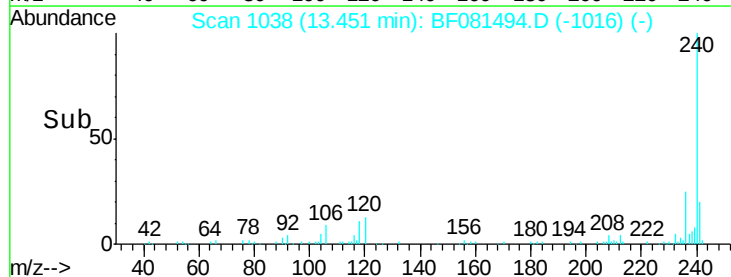
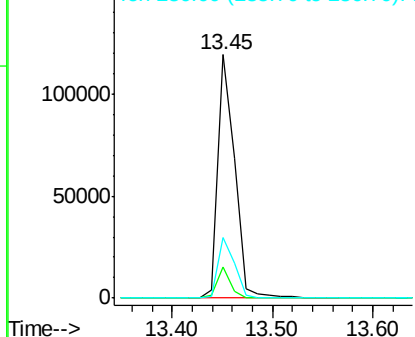


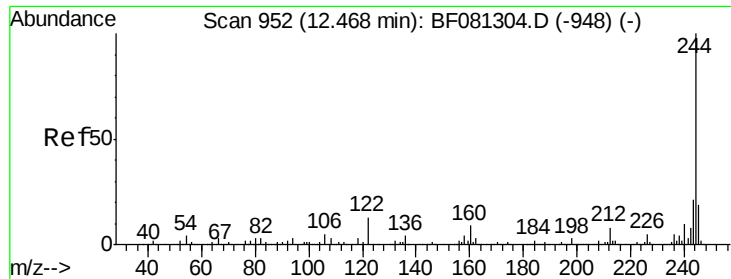
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.45 min Scan# 1038
Delta R.T. -0.05 min
Lab File: BF081494.D
Acq: 6 Sep 2015 6:39

Tgt Ion:240 Resp: 138370
Ion Ratio Lower Upper
240 100
120 12.6 16.2 24.2#
236 24.9 18.4 27.6



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

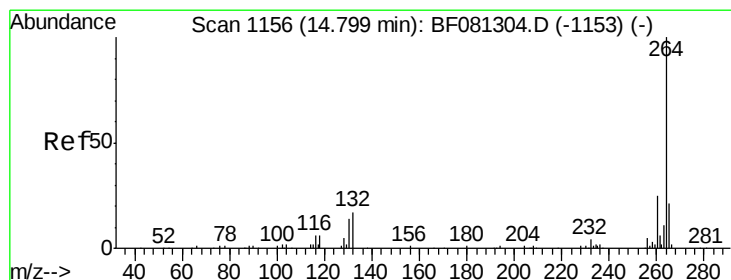
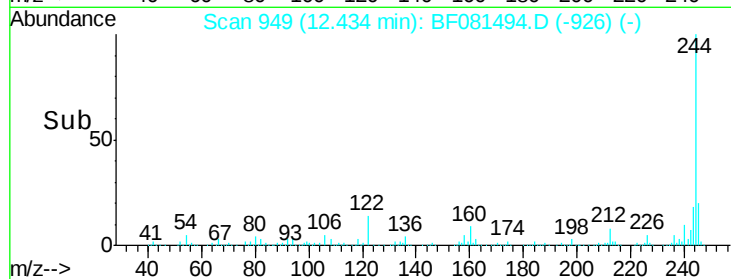
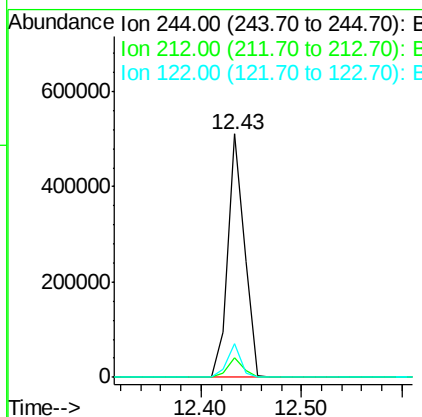
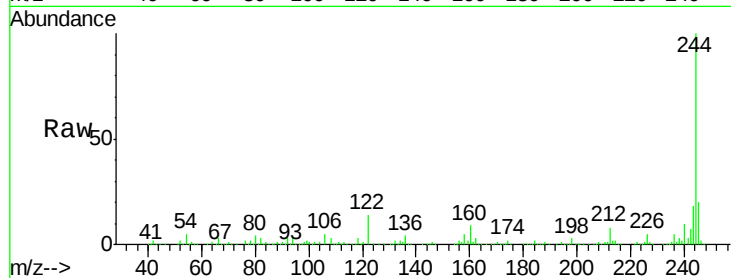




#78
 Terphenyl-d14
 Concen: 98.95 ng
 RT: 12.43 min Scan# 949
 Delta R.T. -0.03 min
 Lab File: BF081494.D
 Acq: 6 Sep 2015 6:39

Instrument :
 BNA_F
 ClientSampleId :
 MW-10-090215

Tot Ion:244 Resp: 588171
 Ion Ratio Lower Upper
 244 100
 212 8.0 4.3 6.5#
 122 14.0 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.77 min Scan# 1153
 Delta R.T. -0.03 min
 Lab File: BF081494.D
 Acq: 6 Sep 2015 6:39

Tgt Ion:264 Resp: 103564
 Ion Ratio Lower Upper
 264 100
 260 24.3 16.7 25.1
 265 20.9 17.2 25.8

