

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090515\
 Data File : BF081496.D
 Acq On : 6 Sep 2015 7:40
 Operator : UM/IZ
 Sample : G3557-04
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-4-090215

Quant Time: Sep 07 01:36:07 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

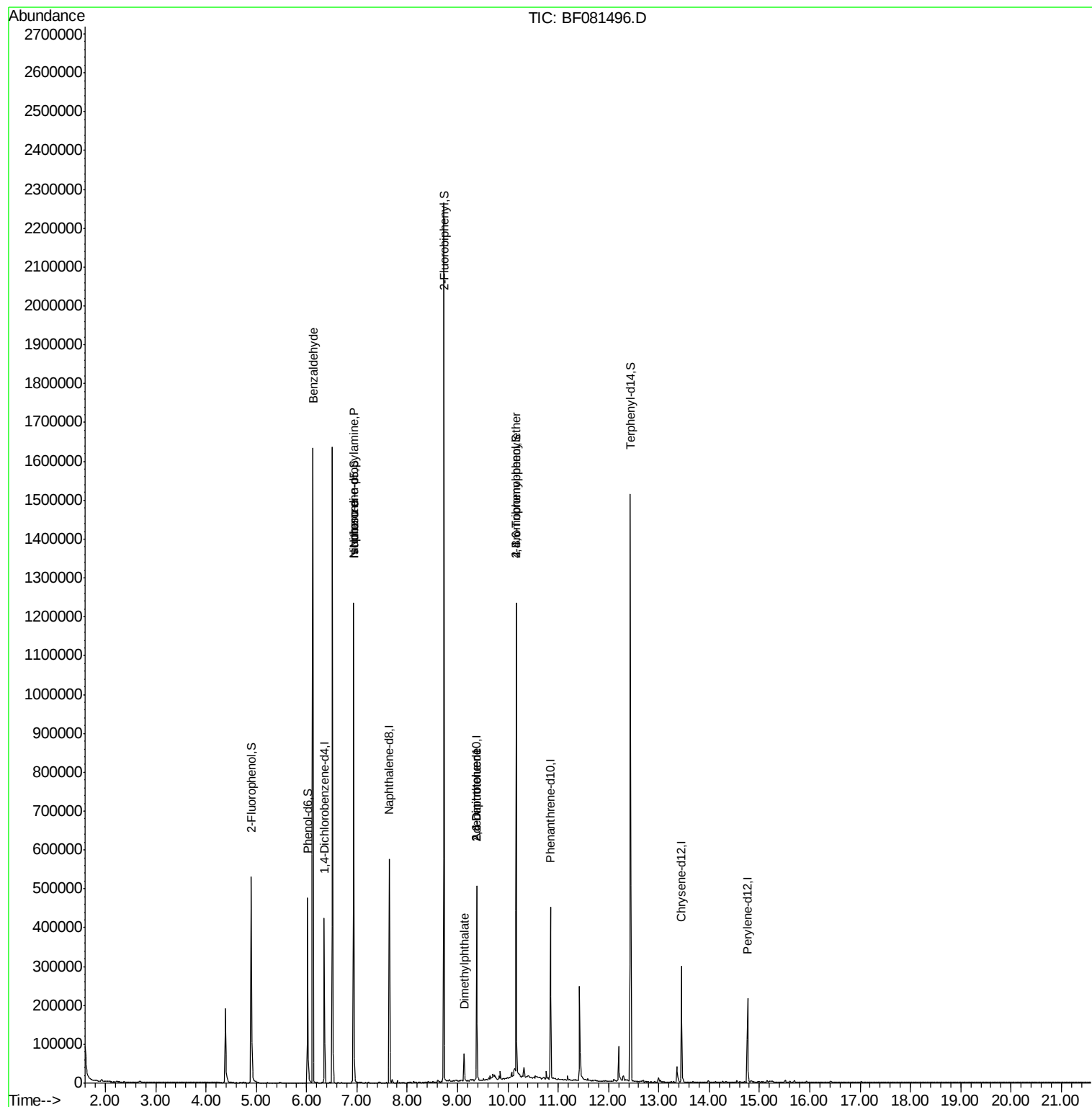
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	57922	20.00	ng	-0.03
21) Naphthalene-d8	7.64	136	225110	20.00	ng	-0.03
38) Acenaphthene-d10	9.38	164	94829	20.00	ng	-0.03
63) Phenanthrene-d10	10.84	188	180821	20.00	ng	-0.03
75) Chrysene-d12	13.45	240	127350	20.00	ng	-0.05
86) Perylene-d12	14.77	264	96425	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	4.90	112	198743	53.24	ng	-0.02
7) Phenol-d6	6.02	99	158256	32.03	ng	-0.03
23) Nitrobenzene-d5	6.94	82	403542	86.49	ng	-0.03
41) 2,4,6-Tribromophenol	10.17	330	109055	129.16	ng	-0.03
44) 2-Fluorobiphenyl	8.73	172	653961	88.37	ng	-0.03
78) Terphenyl-d14	12.43	244	506472	92.58	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.12	77	10525	3.40	ng	# 61
19) n-Nitroso-di-n-propylamine	6.94	70	55553	16.52	ng	# 62
25) Isophorone	6.94	82	300623	34.64	ng	# 58
49) Dimethylphthalate	9.13	163	24525	3.33	ng	# 98
50) 2,6-Dinitrotoluene	9.38	165	12392	7.41	ng	# 39
56) 2,4-Dinitrotoluene	9.38	165	12392	5.82	ng	# 33
66) 4-Bromophenyl-phenylether	10.17	248	9022	4.93	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: BF081496.D

Acq: 6 Sep 2015 7:40

Instrument :

BNA_F

ClientSampled :

MW-4-090215

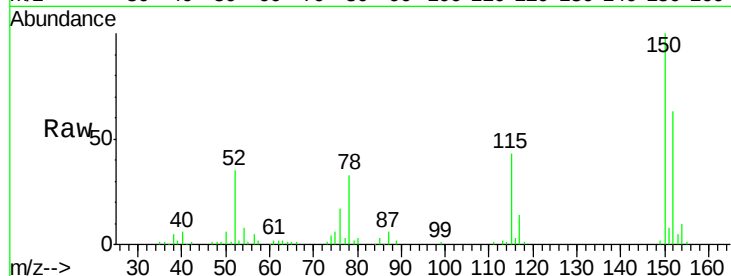
Tot Ion:152 Resp: 57922

Ion Ratio Lower Upper

152 100

150 158.5 124.7 187.1

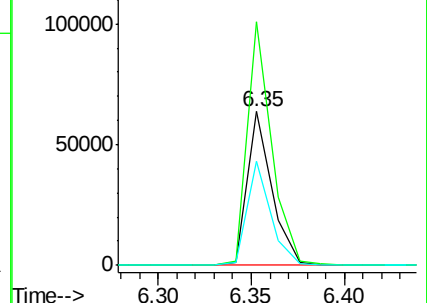
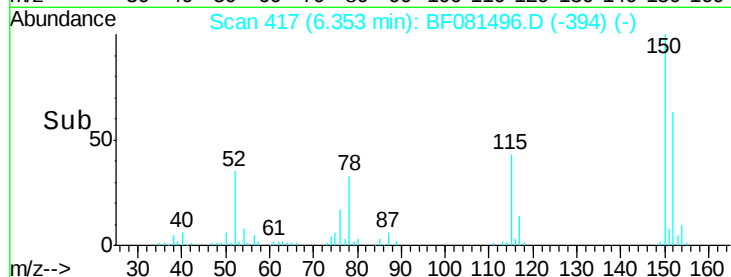
115 67.4 39.0 58.4#



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: 53.24 ng

RT: 4.90 min Scan# 290

Delta R.T. -0.02 min

Lab File: BF081496.D

Acq: 6 Sep 2015 7:40

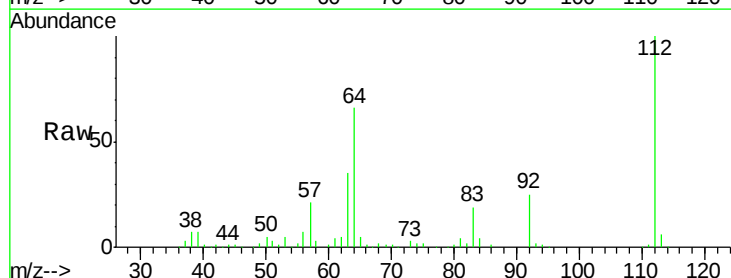
Tgt Ion:112 Resp: 198743

Ion Ratio Lower Upper

112 100

64 65.9 39.7 59.5#

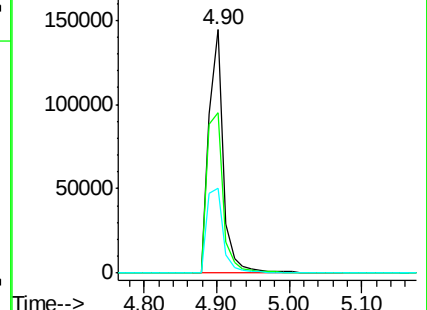
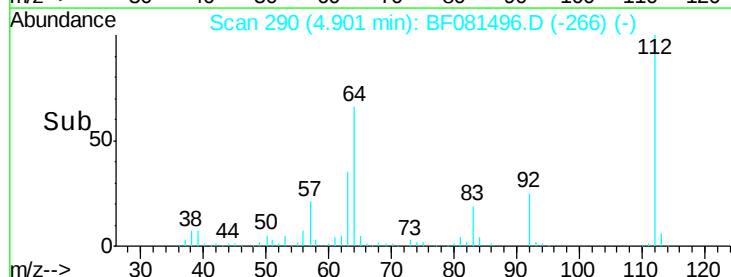
63 35.0 17.4 26.0#



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: 32.03 ng

RT: 6.02 min Scan# 388

Delta R.T. -0.03 min

Lab File: BF081496.D

Acq: 6 Sep 2015 7:40

Instrument :

BNA_F

ClientSampleId :

MW-4-090215

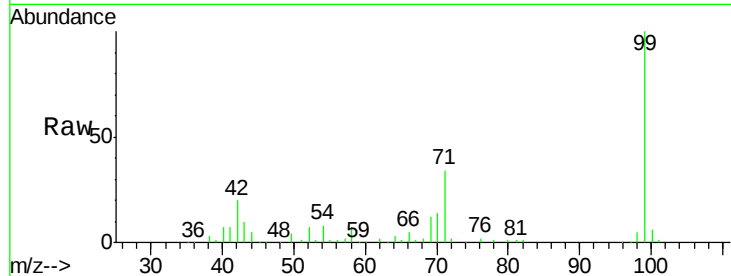
Tot Ion: 99 Resp: 158256

Ion Ratio Lower Upper

99 100

42 19.7 13.7 20.5

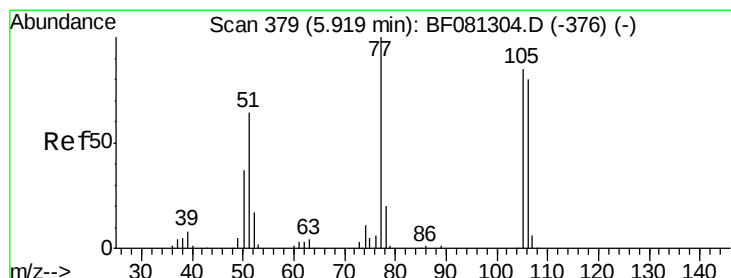
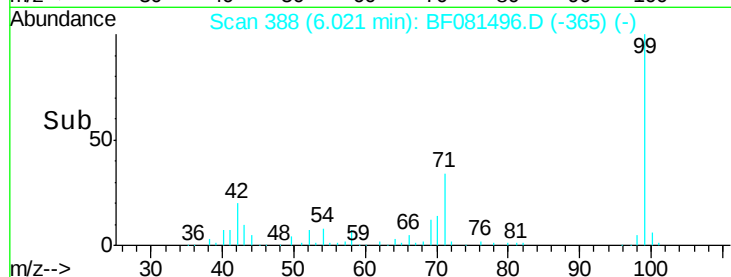
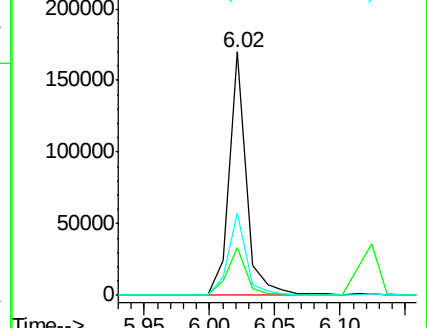
71 33.8 14.2 21.2#



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: 3.40 ng

RT: 6.12 min Scan# 397

Delta R.T. 0.21 min

Lab File: BF081496.D

Acq: 6 Sep 2015 7:40

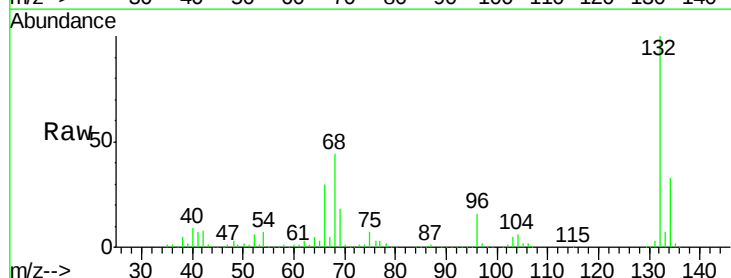
Tgt Ion: 77 Resp: 10525

Ion Ratio Lower Upper

77 100

105 78.1 91.6 131.6#

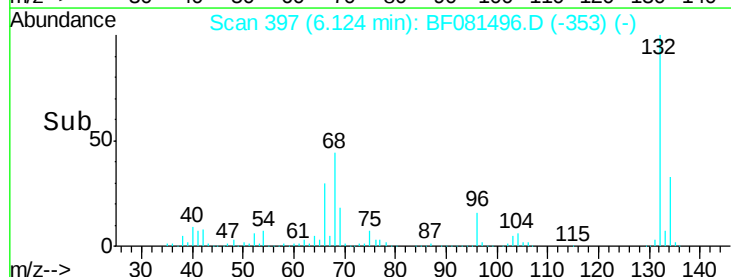
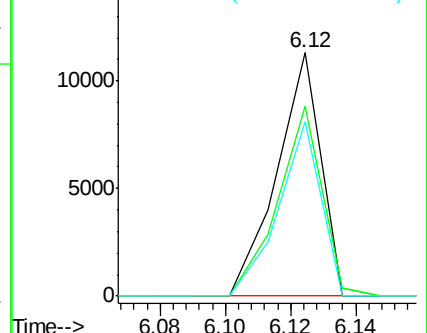
106 71.6 102.6 142.6#

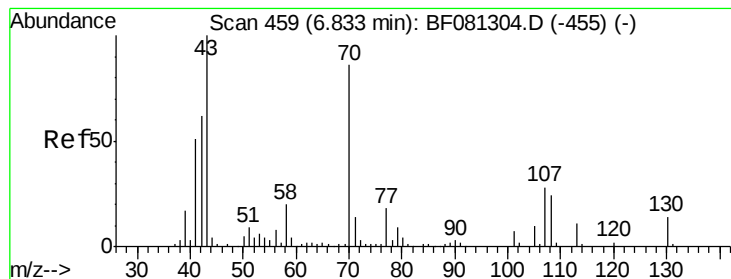


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 16.52 ng

RT: 6.94 min Scan# 468

Delta R.T. 0.10 min

Lab File: BF081496.D

Acq: 6 Sep 2015 7:40

Instrument :

BNA_F

ClientSampleId :

MW-4-090215

Tot Ion: 70 Resp: 55553

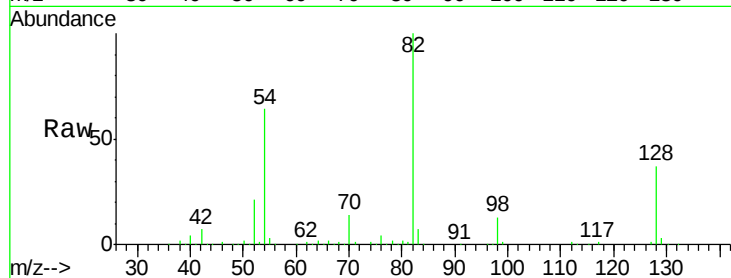
Ion Ratio Lower Upper

70 100

42 52.5 63.8 95.6#

101 0.0 9.2 13.8#

130 1.8 27.3 40.9#

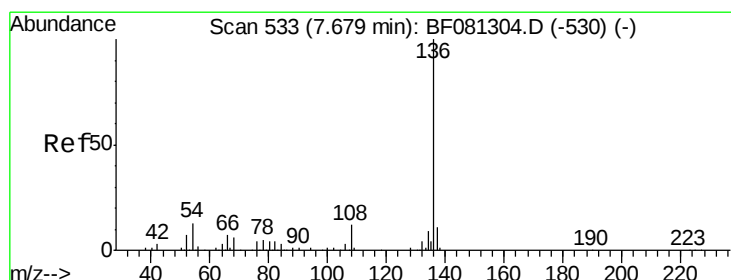
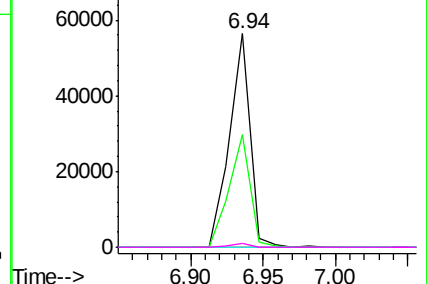
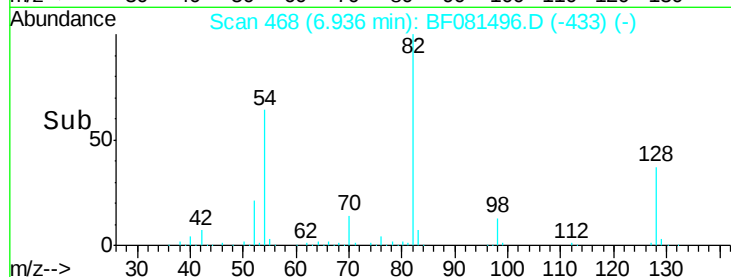


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.64 min Scan# 530

Delta R.T. -0.03 min

Lab File: BF081496.D

Acq: 6 Sep 2015 7:40

Tgt Ion: 136 Resp: 225110

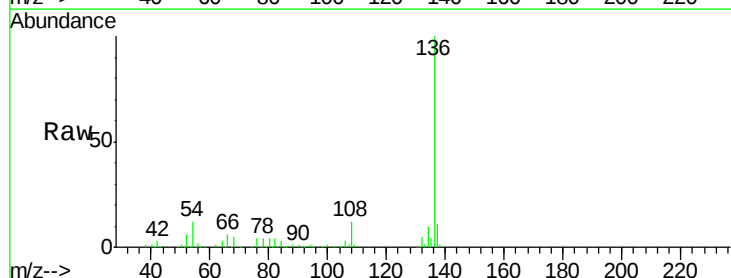
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 12.4 8.2 12.2#

68 5.0 5.8 8.6#

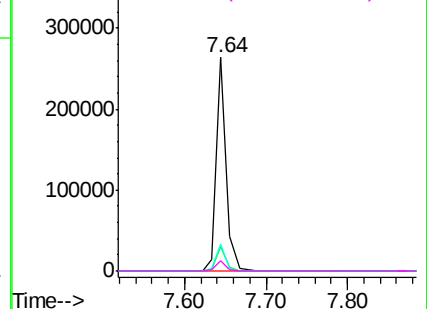
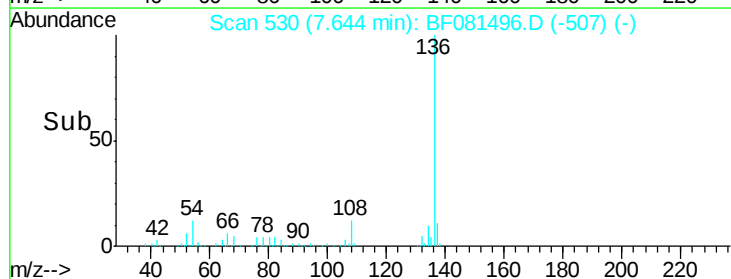


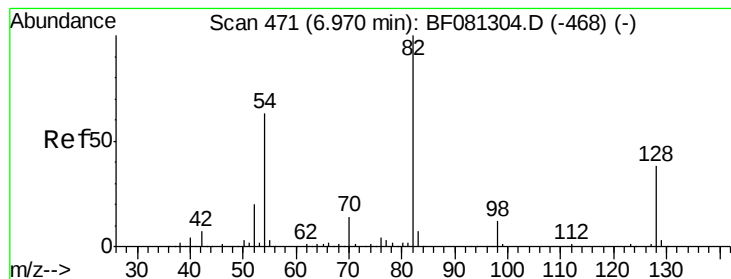
Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.49 ng

RT: 6.94 min Scan# 468

Delta R.T. -0.03 min

Lab File: BF081496.D

Acq: 6 Sep 2015 7:40

Instrument :

BNA_F

ClientSampleId :

MW-4-090215

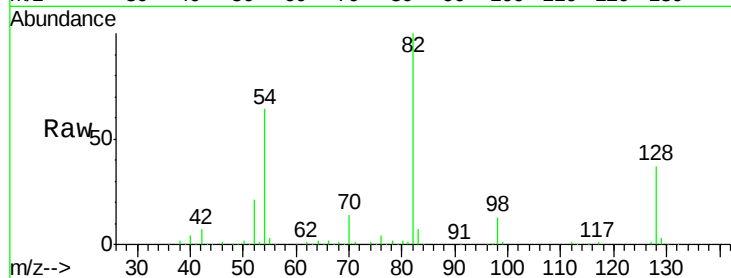
Tot Ion: 82 Resp: 403542

Ion Ratio Lower Upper

82 100

128 37.0 51.0 76.6#

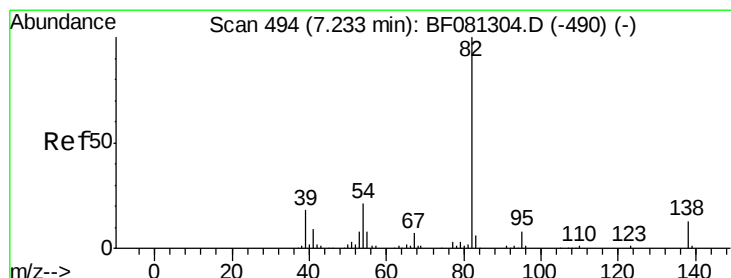
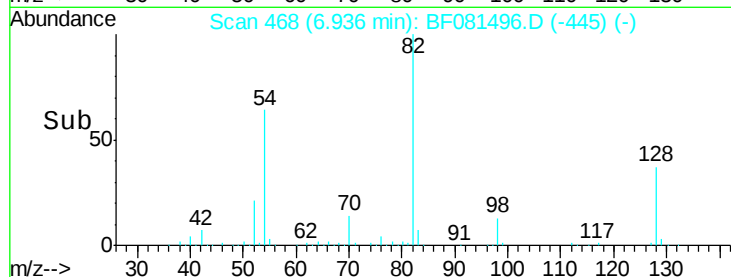
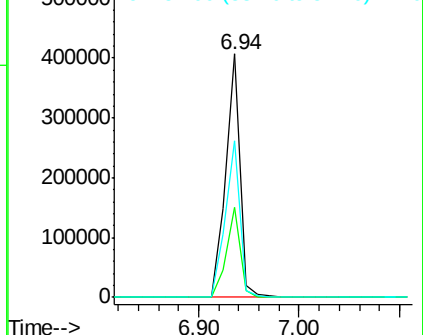
54 64.4 47.5 71.3



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: 34.64 ng

RT: 6.94 min Scan# 468

Delta R.T. -0.30 min

Lab File: BF081496.D

Acq: 6 Sep 2015 7:40

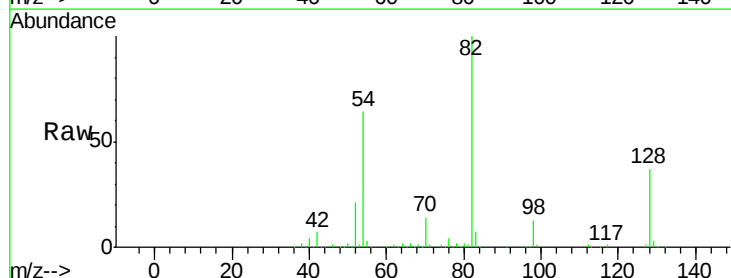
Tgt Ion: 82 Resp: 300623

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

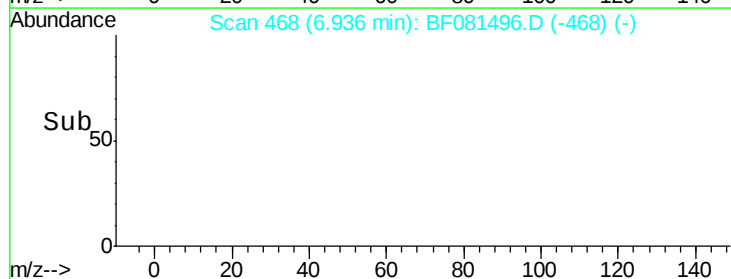
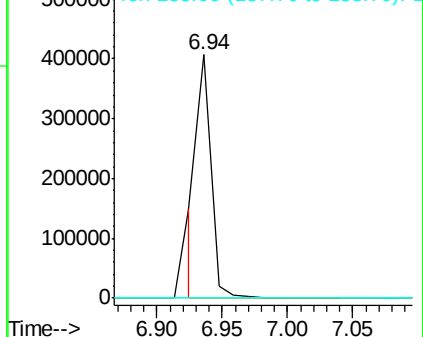
138 0.0 18.3 27.5#

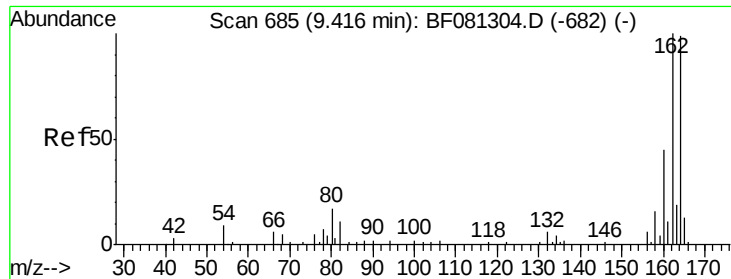


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

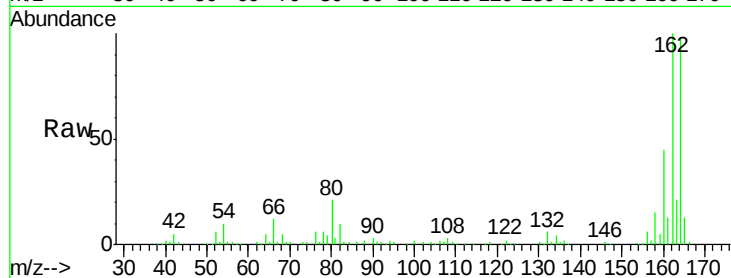




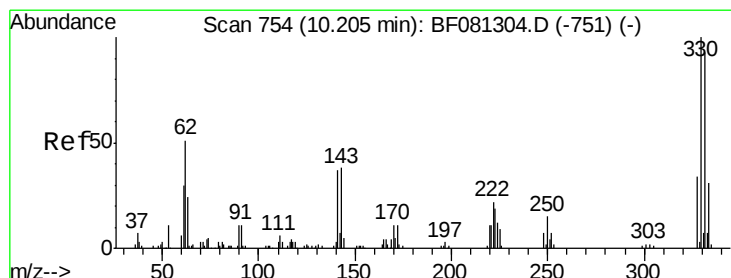
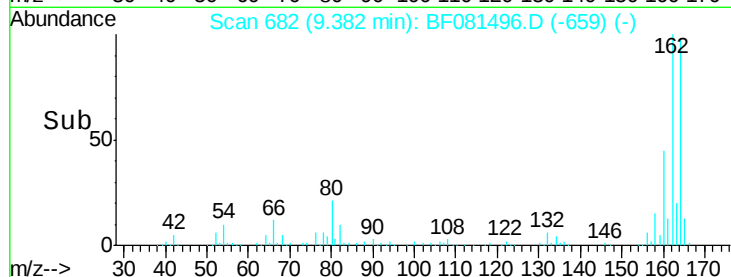
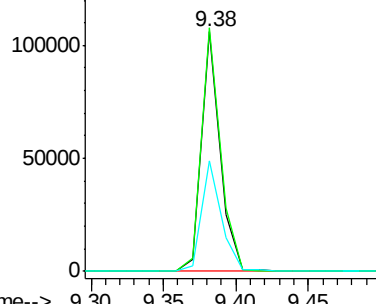
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.38 min Scan# 682
 Delta R.T. -0.03 min
 Lab File: BF081496.D
 Acq: 6 Sep 2015 7:40

Instrument :
 BNA_F
 ClientSampleId :
 MW-4-090215

Tot Ion:164 Resp: 94829
 Ion Ratio Lower Upper
 164 100
 162 101.7 75.2 112.8
 160 46.0 31.5 47.3

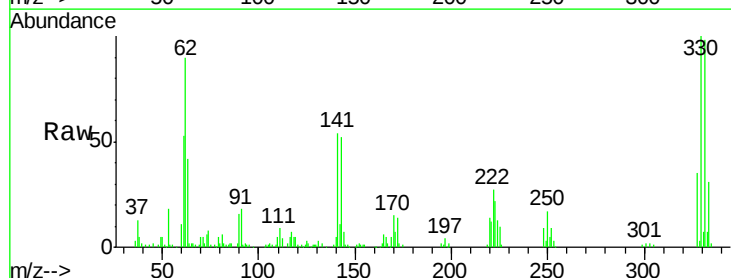


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

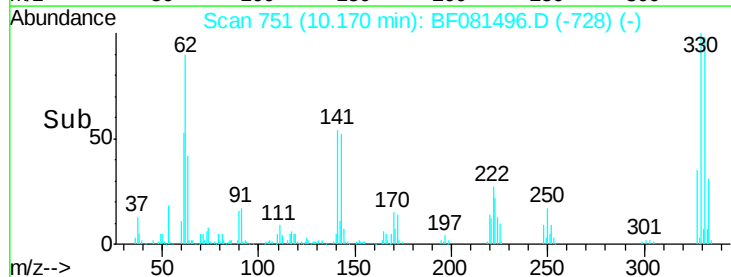
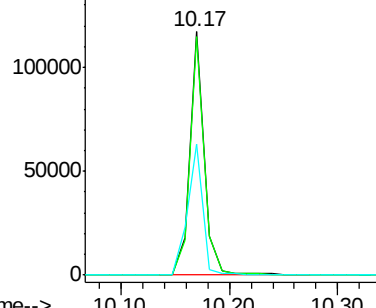


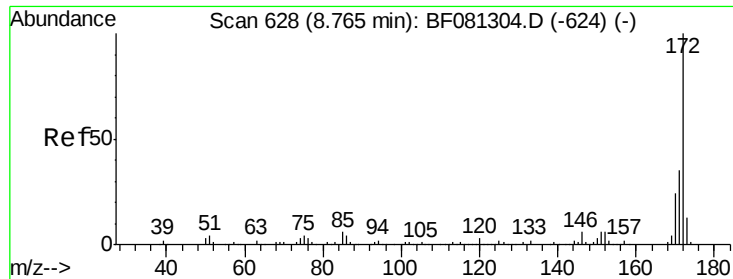
#41
 2,4,6-Tribromophenol
 Concen: 129.16 ng
 RT: 10.17 min Scan# 751
 Delta R.T. -0.03 min
 Lab File: BF081496.D
 Acq: 6 Sep 2015 7:40

Tgt Ion:330 Resp: 109055
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.6 114.8
 141 57.5 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

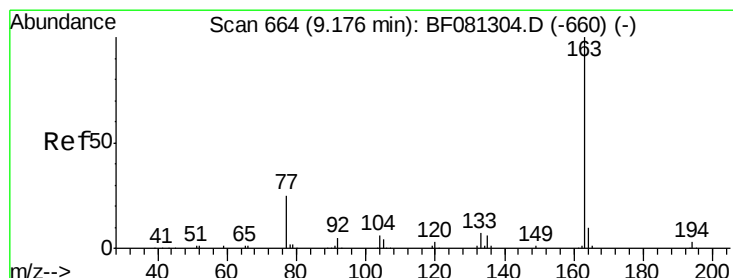
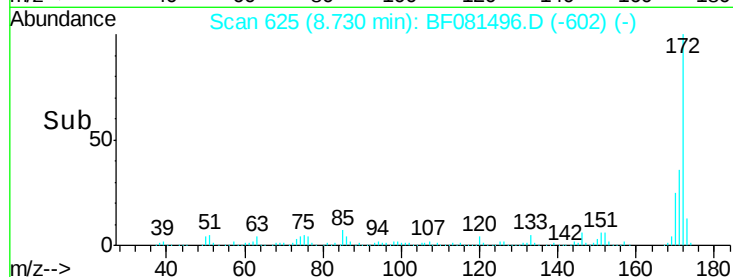
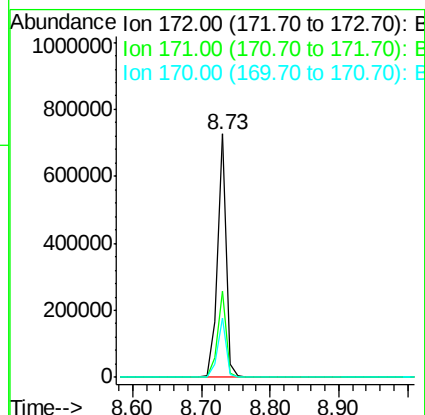
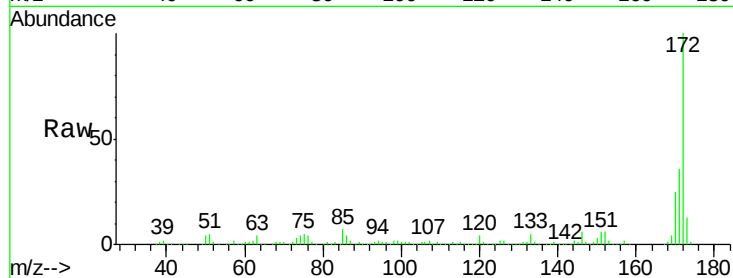




#44
 2-Fluorobiphenyl
 Concen: 88.37 ng
 RT: 8.73 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF081496.D
 Acq: 6 Sep 2015 7:40

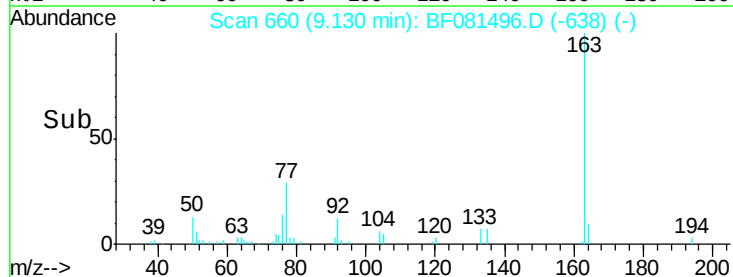
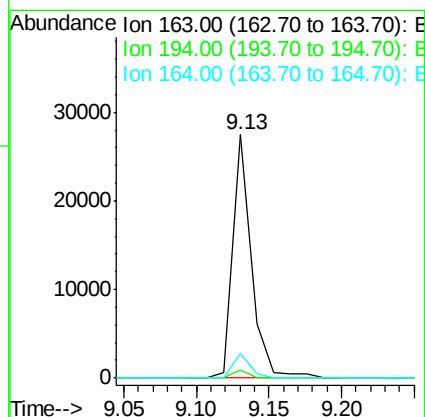
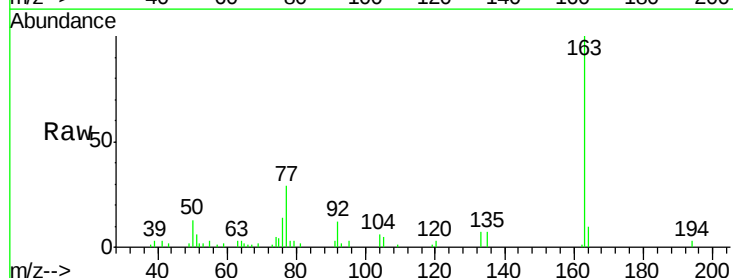
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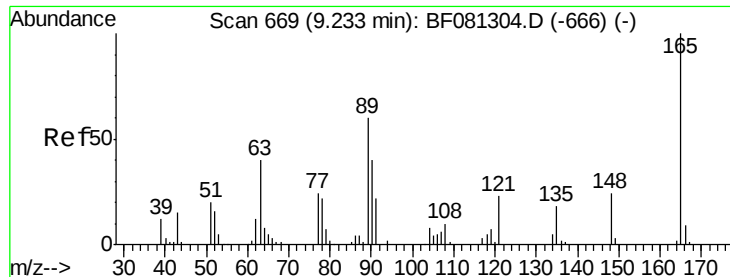
Tot Ion:172 Resp: 653961
 Ion Ratio Lower Upper
 172 100
 171 35.6 26.1 39.1
 170 24.6 17.4 26.2



#49
 Dimethylphthalate
 Concen: 3.33 ng
 RT: 9.13 min Scan# 660
 Delta R.T. -0.05 min
 Lab File: BF081496.D
 Acq: 6 Sep 2015 7:40

Tgt Ion:163 Resp: 24525
 Ion Ratio Lower Upper
 163 100
 194 3.3 4.4 6.6#
 164 10.4 8.3 12.5

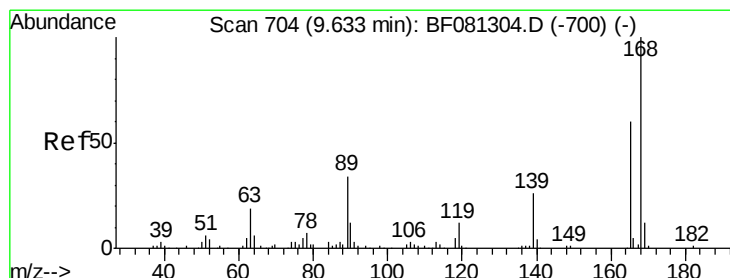
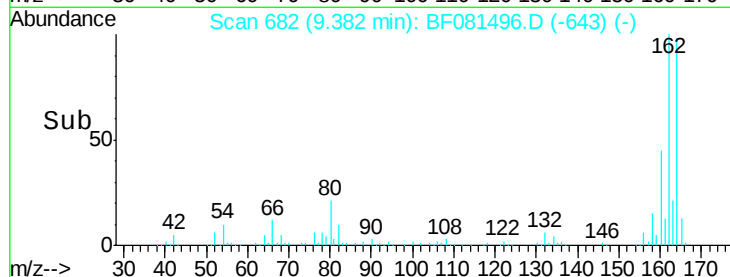
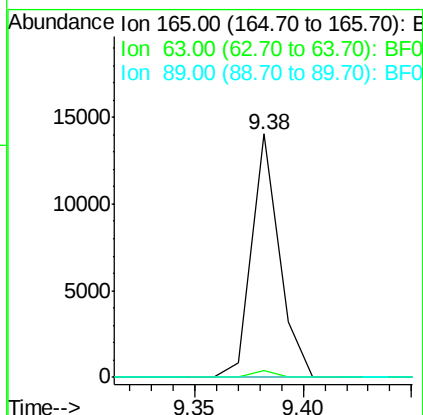
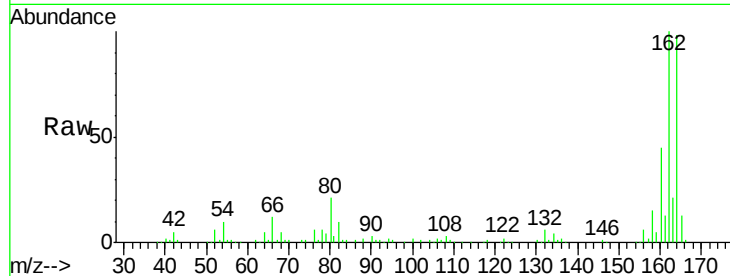




#50
 2,6-Dinitrotoluene
 Concen: 7.41 ng
 RT: 9.38 min Scan# 682
 Delta R.T. 0.15 min
 Lab File: BF081496.D
 Acq: 6 Sep 2015 7:40

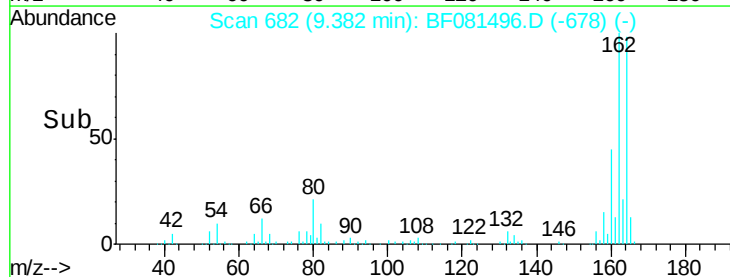
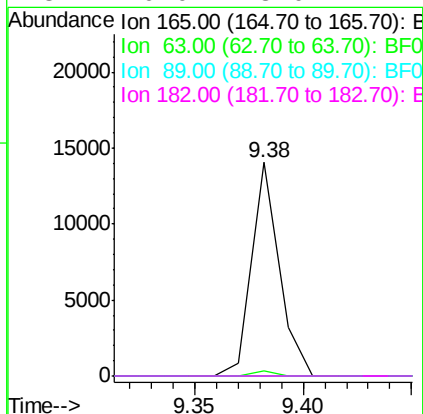
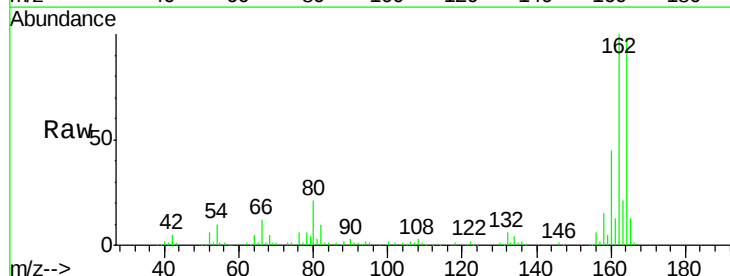
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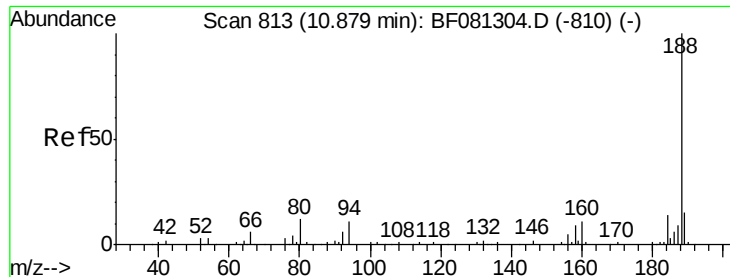
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.6	32.3	48.5#
89	0.0	28.6	43.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.82 ng
 RT: 9.38 min Scan# 682
 Delta R.T. -0.25 min
 Lab File: BF081496.D
 Acq: 6 Sep 2015 7:40

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.6	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#

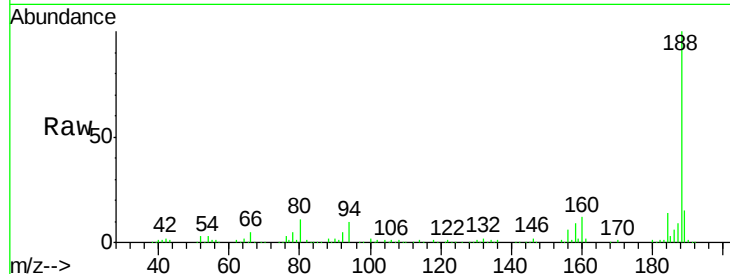




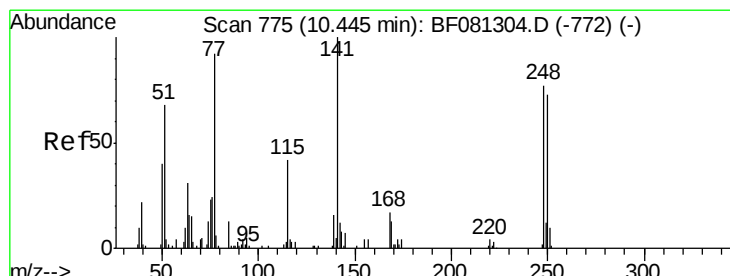
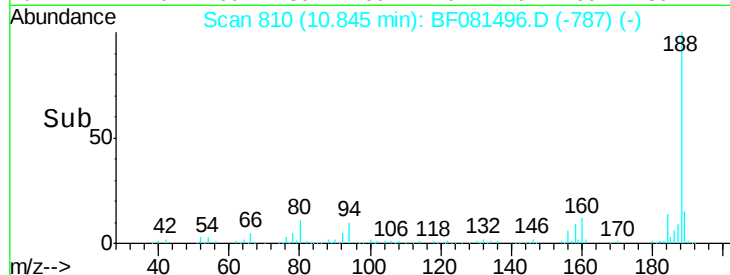
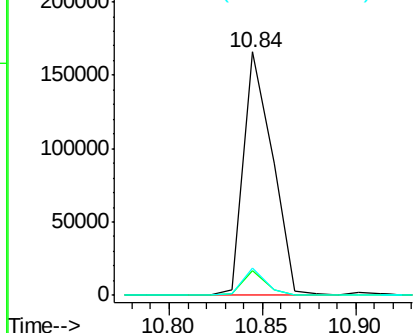
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.84 min Scan# 810
 Delta R.T. -0.03 min
 Lab File: BF081496.D
 Acq: 6 Sep 2015 7:40

Instrument :
 BNA_F
 ClientSampleId :
 MW-4-090215

Tot Ion:188 Resp: 180821
 Ion Ratio Lower Upper
 188 100
 94 10.2 11.1 16.7#
 80 11.3 11.0 16.4

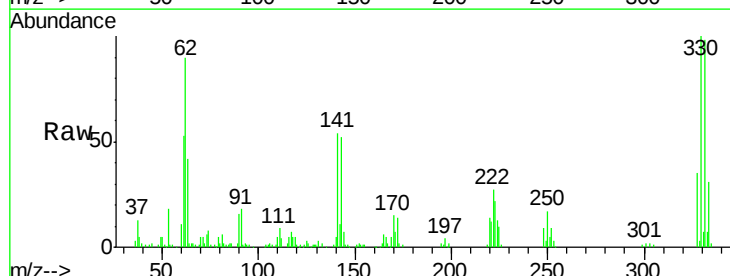


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

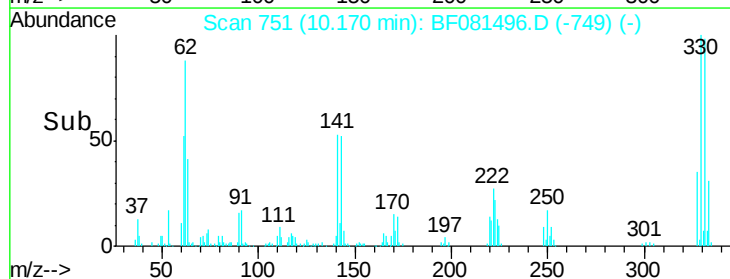
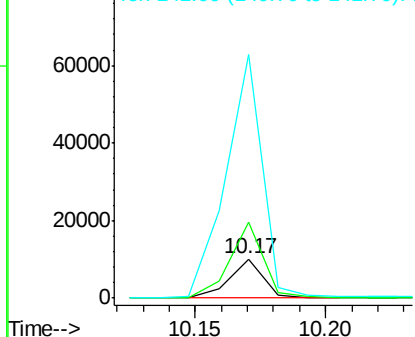


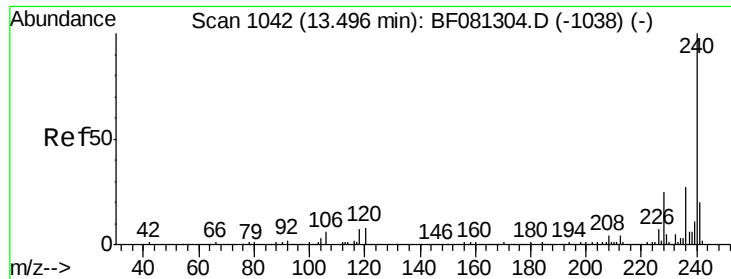
#66
 4-Bromophenyl-phenylether
 Concen: 4.93 ng
 RT: 10.17 min Scan# 751
 Delta R.T. -0.27 min
 Lab File: BF081496.D
 Acq: 6 Sep 2015 7:40

Tgt Ion:248 Resp: 9022
 Ion Ratio Lower Upper
 248 100
 250 195.2 78.5 117.7#
 141 626.3 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: BF081496.D

Acq: 6 Sep 2015 7:40

Instrument :

BNA_F

ClientSampleId :

MW-4-090215

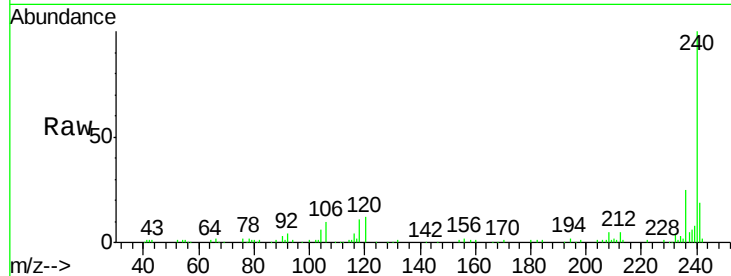
Tot Ion:240 Resp: 127350

Ion Ratio Lower Upper

240 100

120 12.4 16.2 24.2#

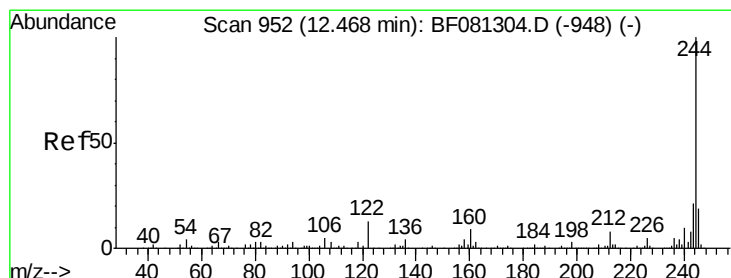
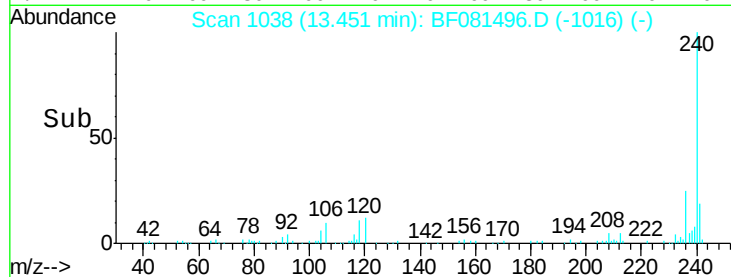
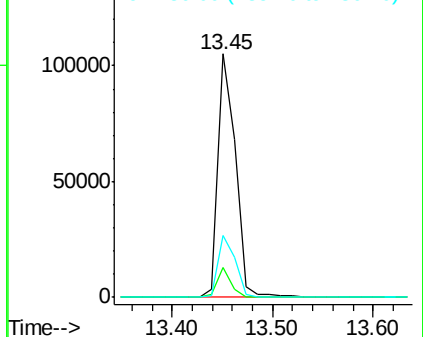
236 25.3 18.4 27.6



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: 92.58 ng

RT: 12.43 min Scan# 949

Delta R.T. -0.03 min

Lab File: BF081496.D

Acq: 6 Sep 2015 7:40

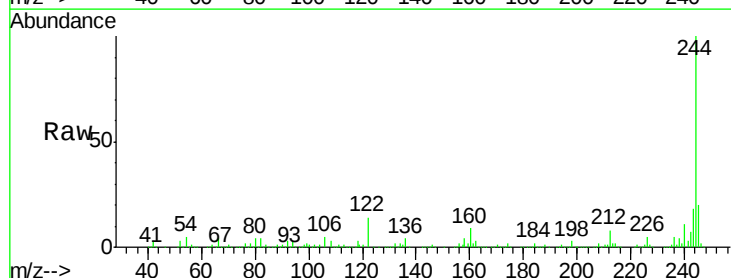
Tgt Ion:244 Resp: 506472

Ion Ratio Lower Upper

244 100

212 8.1 4.3 6.5#

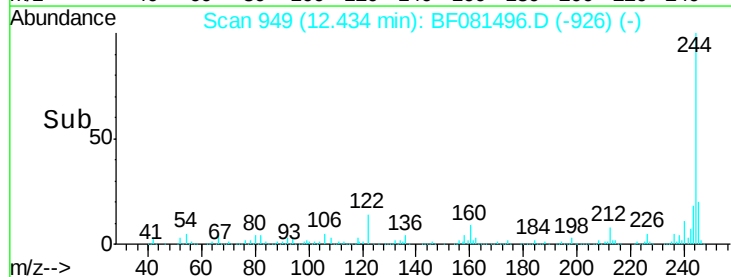
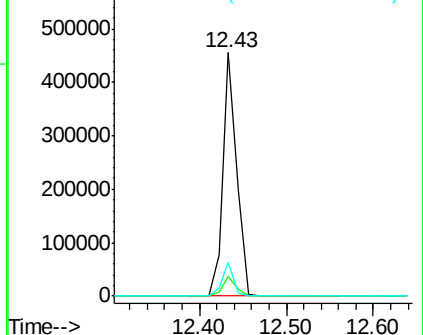
122 14.0 17.4 26.2#

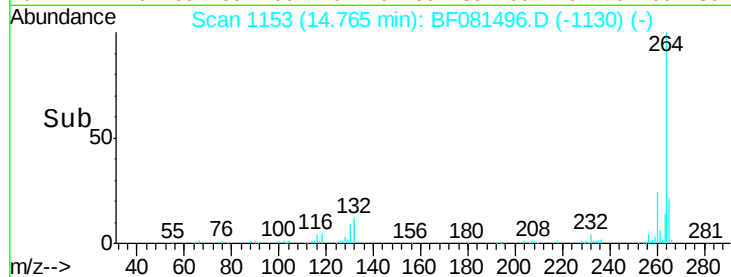
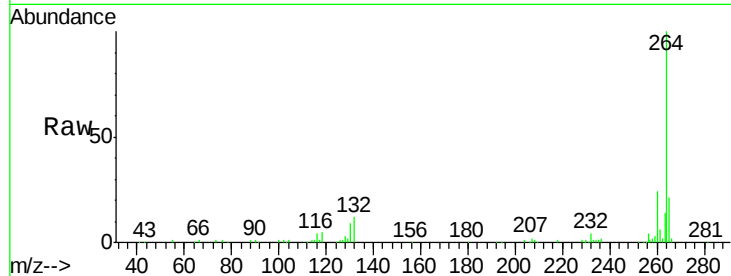
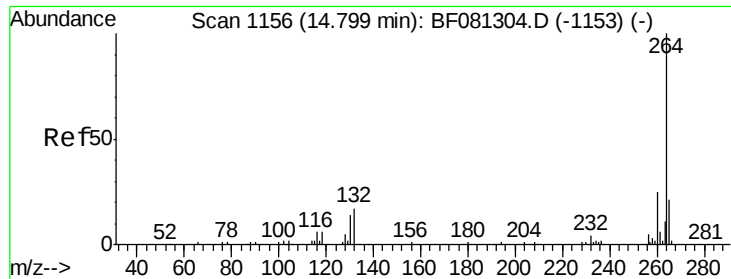


Abundance Ion 244.00 (243.70 to 244.70): E

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: 14.77 min Scan# 1153

Delta R.T. -0.03 min

Lab File: BF081496.D

Acq: 6 Sep 2015 7:40

Instrument :

BNA_F

ClientSampleId :

MW-4-090215

Tot Ion:264 Resp: 96425

Ion Ratio Lower Upper

264 100

260 23.9 16.7 25.1

265 20.8 17.2 25.8

