

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080216\
 Data File : BF089550.D
 Acq On : 2 Aug 2016 16:42
 Operator : UM/SJ
 Sample : H4269-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-52-11.1-15.0

Quant Time: Aug 03 01:06:25 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 16:02:32 2016
 Response via : Initial Calibration

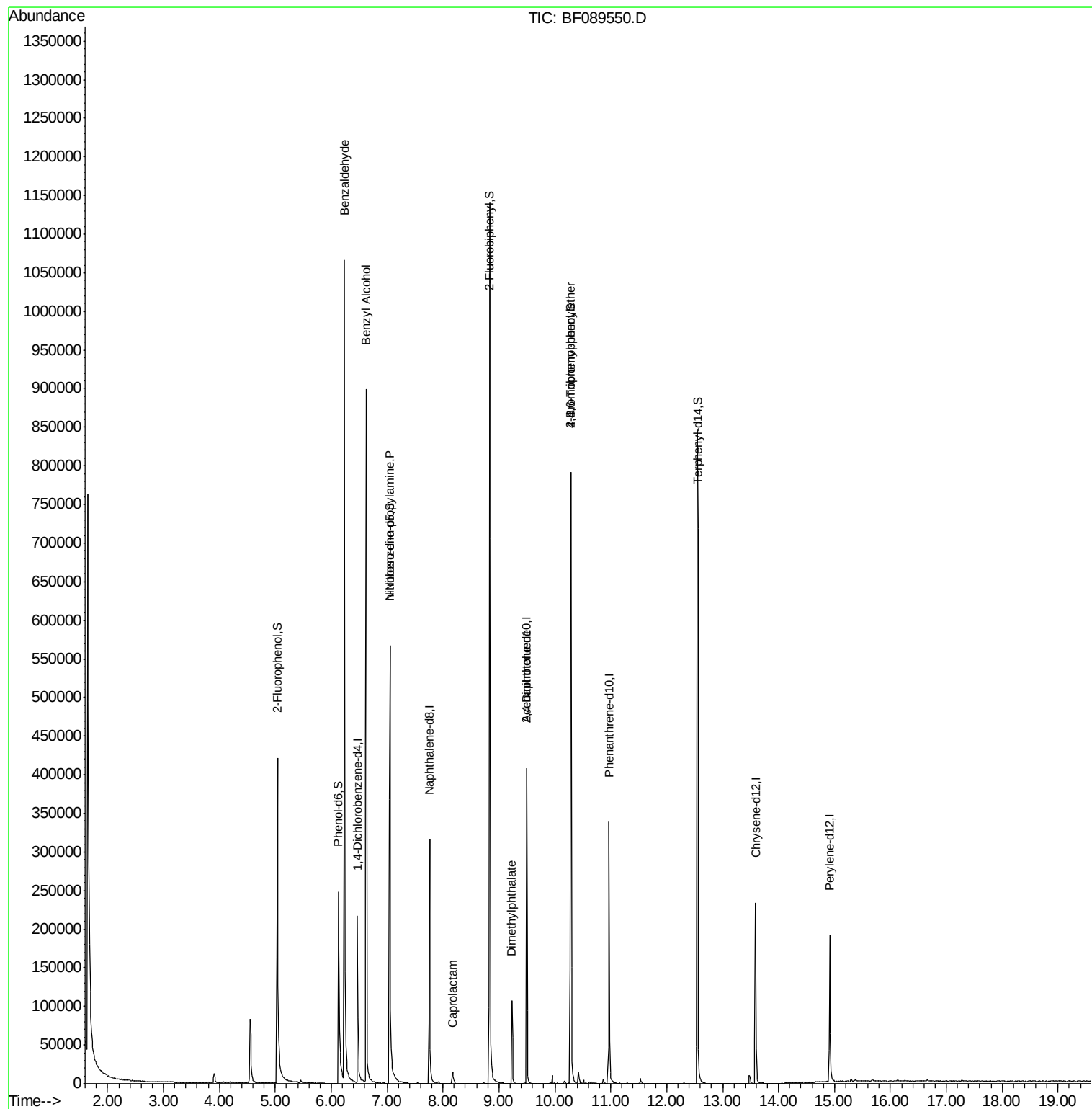
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.47	152	44425	20.00	ng	-0.08
21) Naphthalene-d8	7.76	136	175571	20.00	ng	-0.07
38) Acenaphthene-d10	9.50	164	80263	20.00	ng	-0.08
63) Phenanthrene-d10	10.97	188	141814	20.00	ng	-0.08
75) Chrysene-d12	13.59	240	94137	20.00	ng	-0.08
86) Perylene-d12	14.91	264	82682	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	190236	68.37	ng	-0.07
7) Phenol-d6	6.12	99	170685	46.42	ng	-0.08
23) Nitrobenzene-d5	7.05	82	302609	101.73	ng	-0.07
41) 2,4,6-Tribromophenol	10.28	330	80854	121.63	ng	-0.08
44) 2-Fluorobiphenyl	8.83	172	495184	90.54	ng	-0.08
78) Terphenyl-d14	12.56	244	387601	96.37	ng	-0.07
Target Compounds						Qvalue
9) Benzaldehyde	6.24	77	7697	4.29	ng	81
15) Benzyl Alcohol	6.63	79	4671	2.05	ng	# 43
19) n-Nitroso-di-n-propylamine	7.05	70	38689	17.45	ng	# 76
35) Caprolactam	8.17	113	2640	3.98	ng	# 83
49) Dimethylphthalate	9.23	163	55861	9.14	ng	97
56) 2,4-Dinitrotoluene	9.50	165	9796	5.93	ng	# 7
66) 4-Bromophenyl-phenylether	10.28	248	6274	4.63	ng	# 1

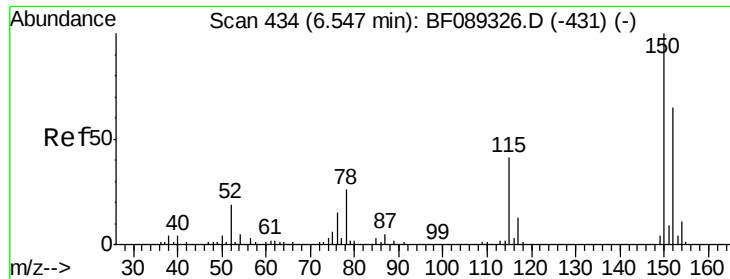
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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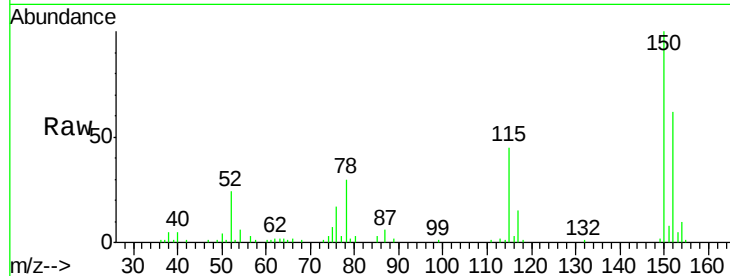




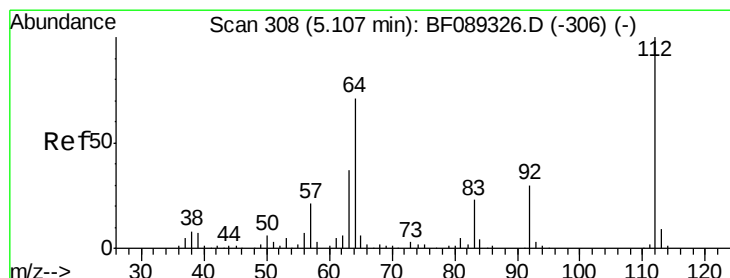
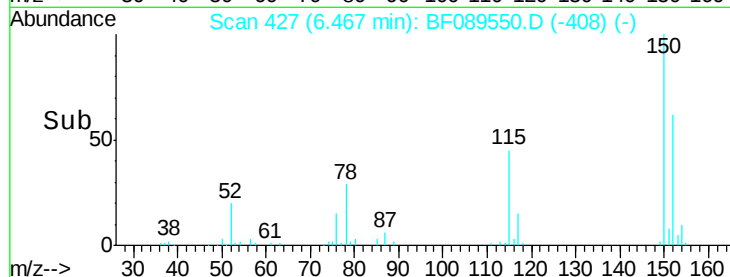
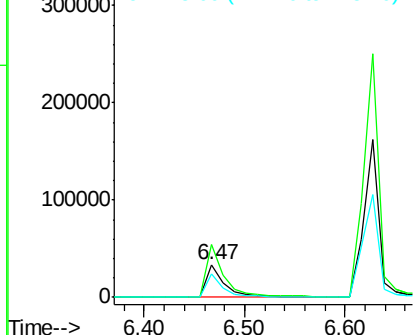
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.47 min Scan# 427
 Delta R.T. -0.08 min
 Lab File: BF089550.D
 Acq: 2 Aug 2016 16:42

Instrument :
 BNA_F
 ClientSampleId :
 GW-52-11.1-15.0

Tgt Ion:152 Resp: 44425
 Ion Ratio Lower Upper
 152 100
 150 160.2 129.5 194.3
 115 71.9 51.4 77.2

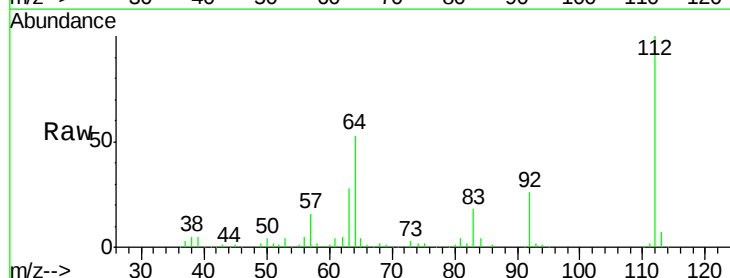


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

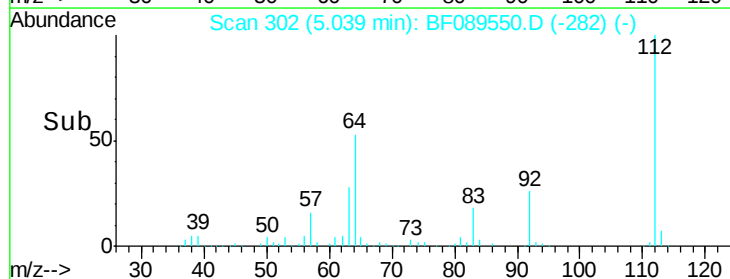
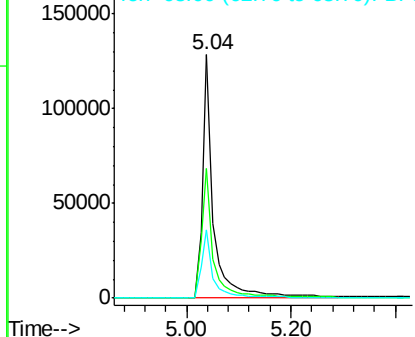


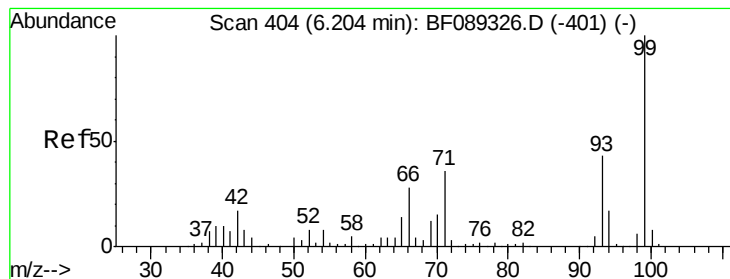
#5
 2-Fluorophenol
 Concen: 68.37 ng
 RT: 5.04 min Scan# 302
 Delta R.T. -0.07 min
 Lab File: BF089550.D
 Acq: 2 Aug 2016 16:42

Tgt Ion:112 Resp: 190236
 Ion Ratio Lower Upper
 112 100
 64 53.4 55.0 82.6#
 63 28.1 29.4 44.2#



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: 46.42 ng

RT: 6.12 min Scan# 397

Delta R.T. -0.08 min

Lab File: BF089550.D

Acq: 2 Aug 2016 16:42

Instrument :

BNA_F

ClientSampleId :

GW-52-11.1-15.0

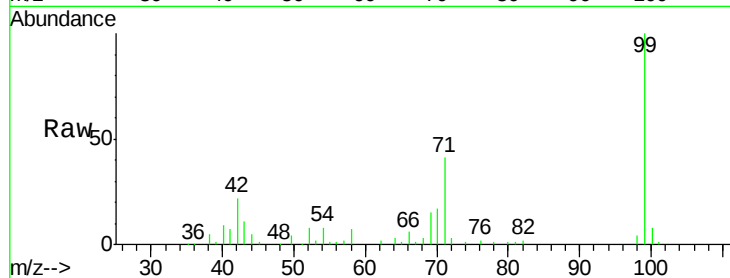
Tgt Ion: 99 Resp: 170685

Ion Ratio Lower Upper

99 100

42 22.0 13.6 20.4#

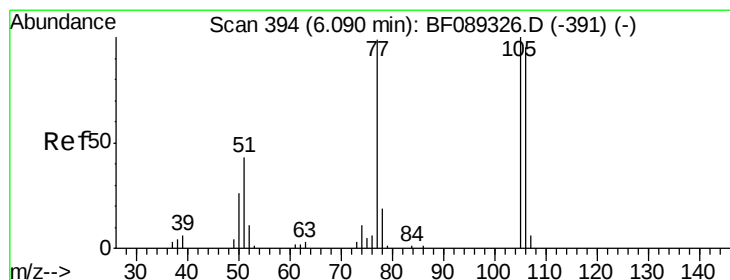
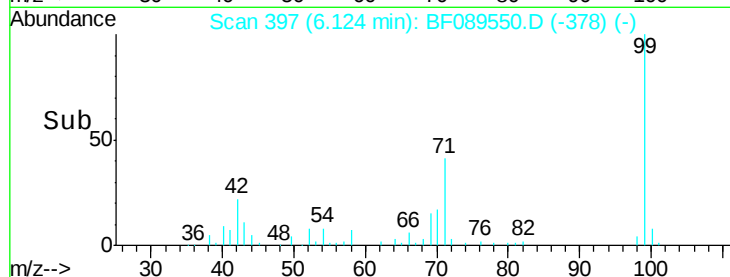
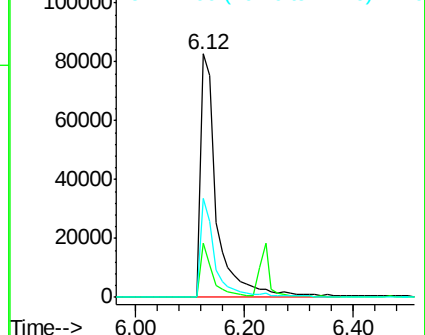
71 40.7 29.4 44.2



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: 4.29 ng

RT: 6.24 min Scan# 407

Delta R.T. 0.15 min

Lab File: BF089550.D

Acq: 2 Aug 2016 16:42

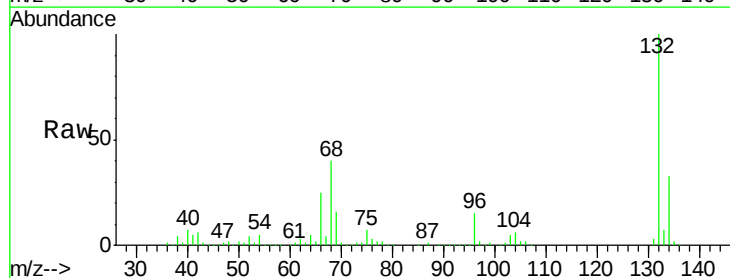
Tgt Ion: 77 Resp: 7697

Ion Ratio Lower Upper

77 100

105 83.3 82.9 122.9

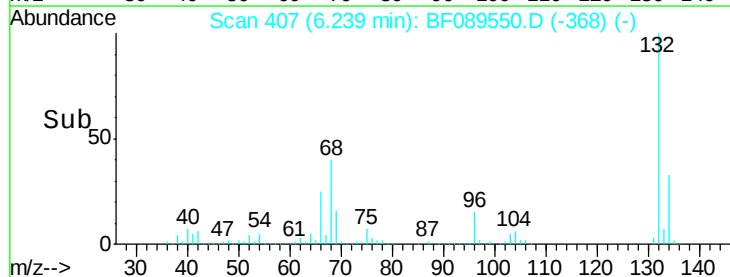
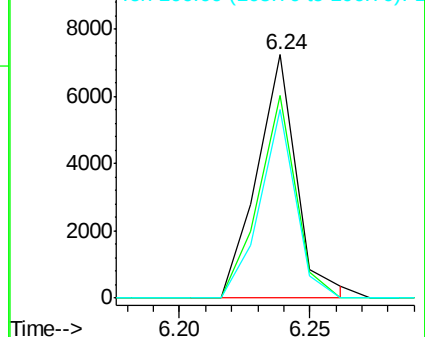
106 77.6 75.9 115.9

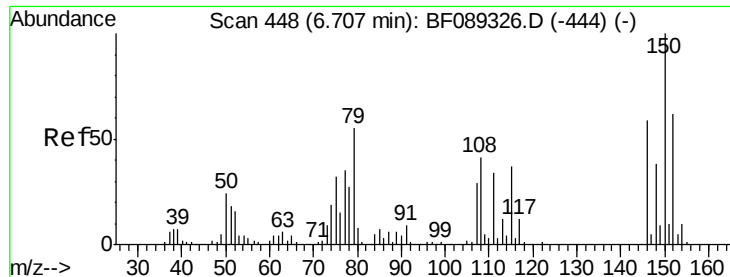


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

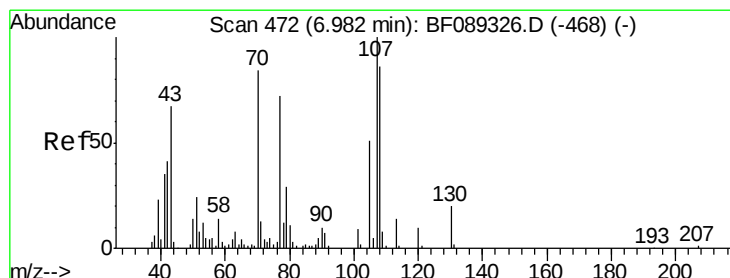
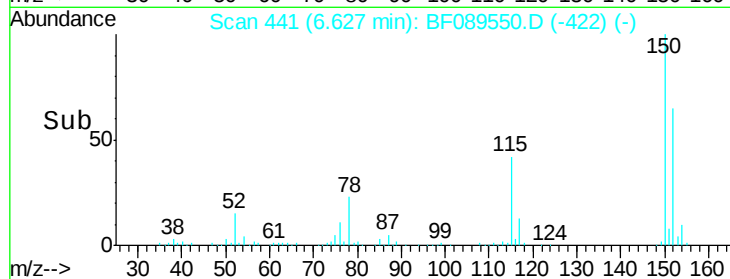
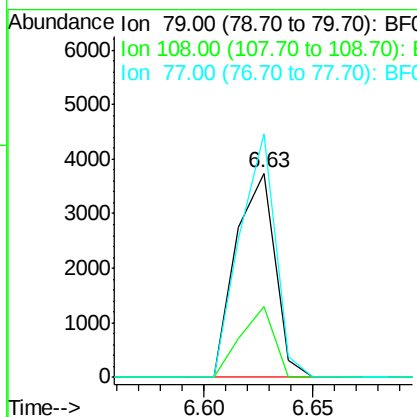
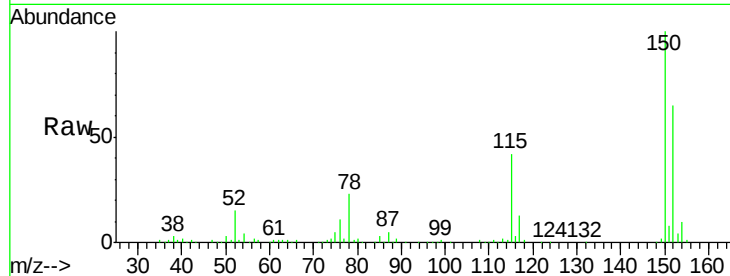




#15
Benzyl Alcohol
Concen: 2.05 ng
RT: 6.63 min Scan# 441
Delta R.T. -0.08 min
Lab File: BF089550.D
Acq: 2 Aug 2016 16:42

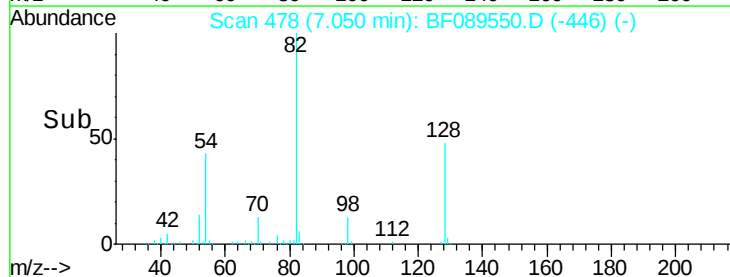
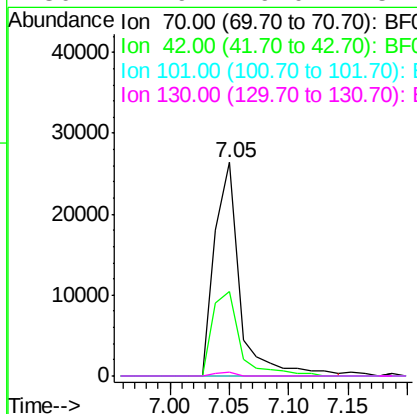
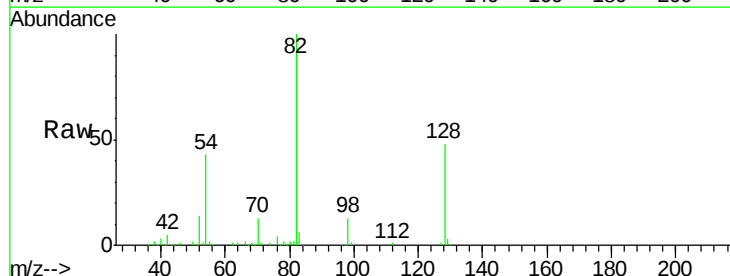
Instrument :
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GW-52-11.1-15.0

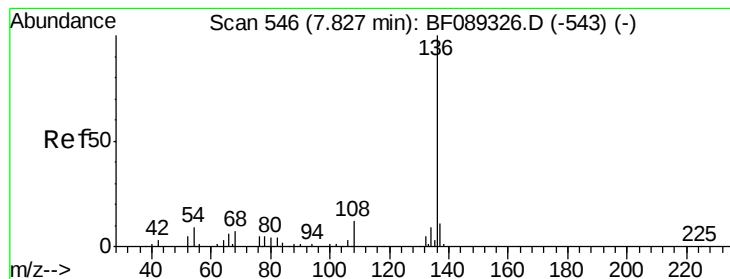
Tgt Ion: 79 Resp: 4671
Ion Ratio Lower Upper
79 100
108 34.7 59.8 89.6#
77 119.3 51.7 77.5#



#19
n-Nitroso-di-n-propylamine
Concen: 17.45 ng
RT: 7.05 min Scan# 478
Delta R.T. 0.07 min
Lab File: BF089550.D
Acq: 2 Aug 2016 16:42

Tgt Ion: 70 Resp: 38689
Ion Ratio Lower Upper
70 100
42 39.4 38.6 57.8
101 0.0 8.3 12.5#
130 1.9 19.0 28.4#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.76 min Scan# 540

Delta R.T. -0.07 min

Lab File: BF089550.D

Acq: 2 Aug 2016 16:42

Instrument :

BNA_F

ClientSampleId :

GW-52-11.1-15.0

Tgt Ion: 136 Resp: 175571

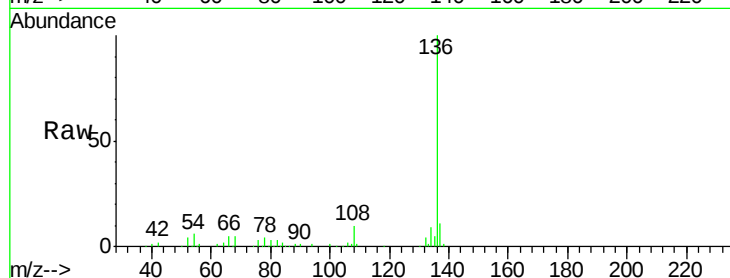
Ion Ratio Lower Upper

136 100

137 10.6 8.6 13.0

54 6.4 7.0 10.4#

68 5.1 4.9 7.3

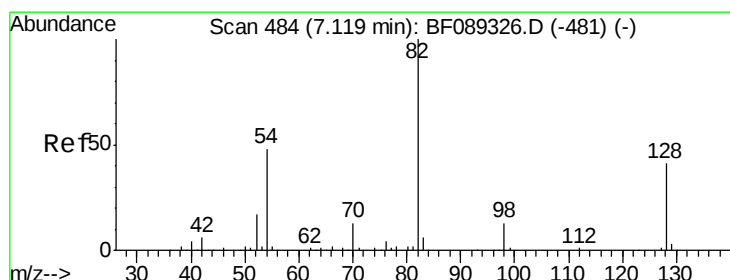
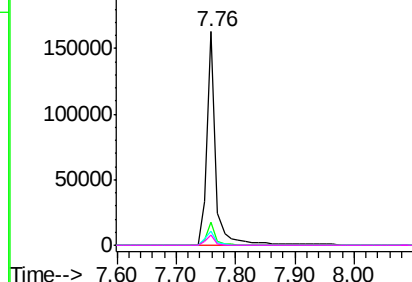
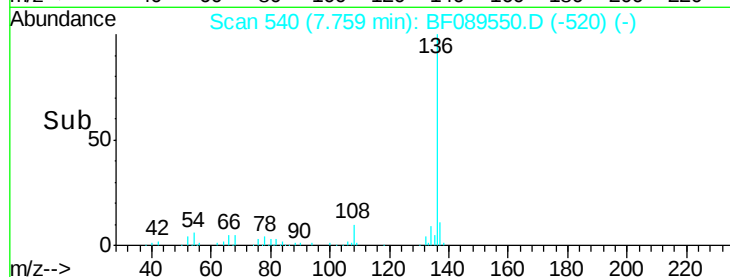


Abundance Ion 136.00 (135.70 to 136.70): E

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: 101.73 ng

RT: 7.05 min Scan# 478

Delta R.T. -0.07 min

Lab File: BF089550.D

Acq: 2 Aug 2016 16:42

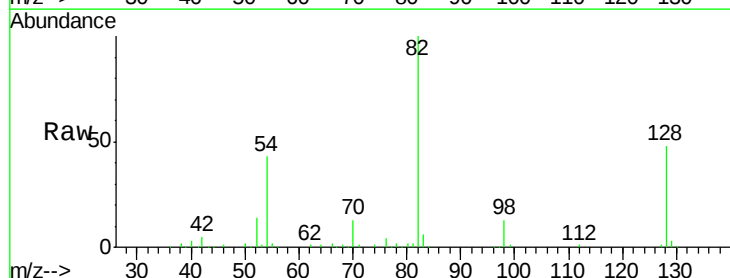
Tgt Ion: 82 Resp: 302609

Ion Ratio Lower Upper

82 100

128 47.8 32.5 48.7

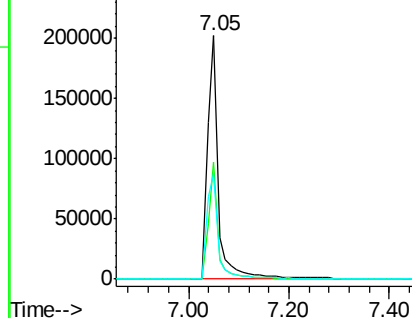
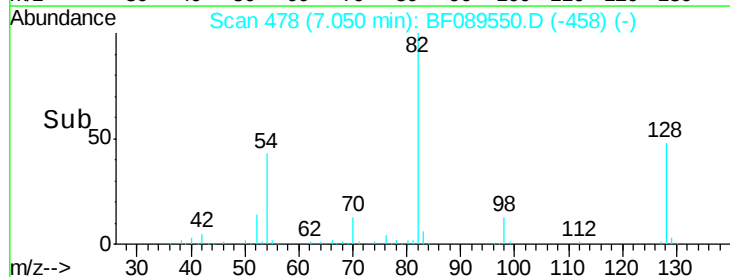
54 43.2 38.8 58.2

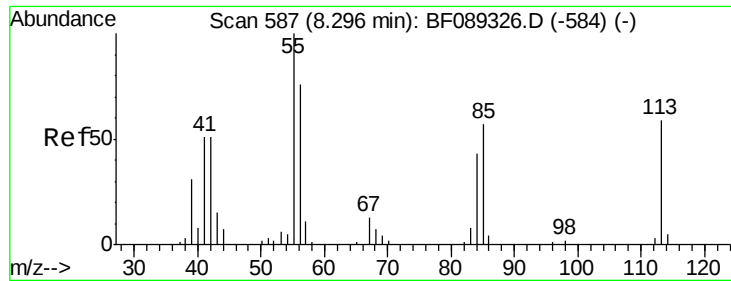


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

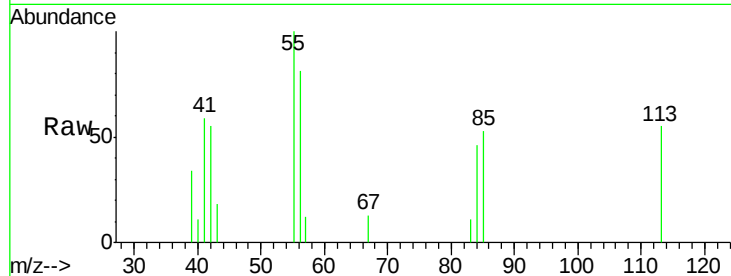




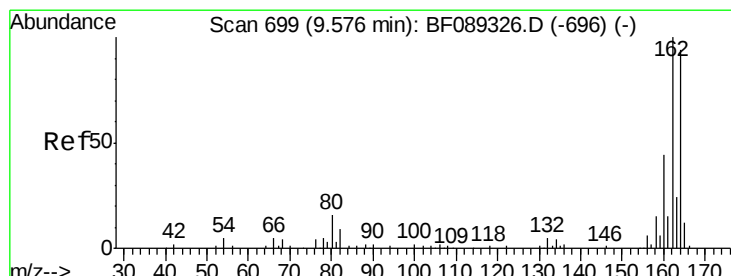
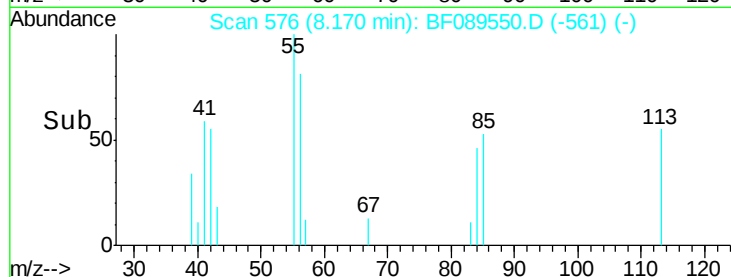
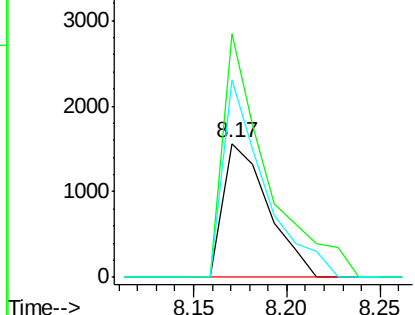
#35
 Caprolactam
 Concen: 3.98 ng
 RT: 8.17 min Scan# 576
 Delta R.T. -0.12 min
 Lab File: BF089550.D
 Acq: 2 Aug 2016 16:42

Instrument :
 BNA_F
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 GW-52-11.1-15.0

Tgt Ion:113 Resp: 2640
 Ion Ratio Lower Upper
 113 100
 55 182.1 142.3 182.3
 56 147.4 105.8 145.8#

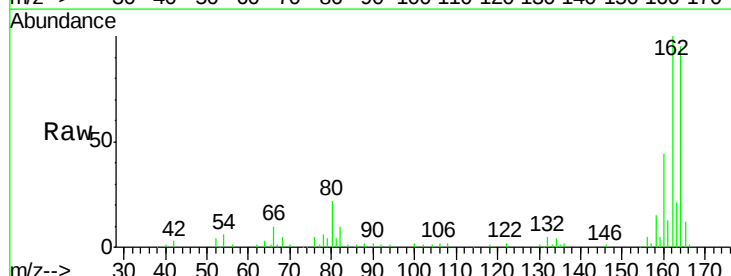


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

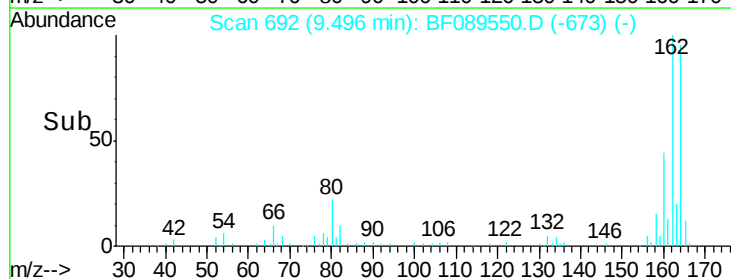
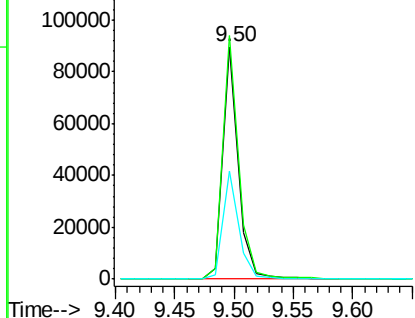


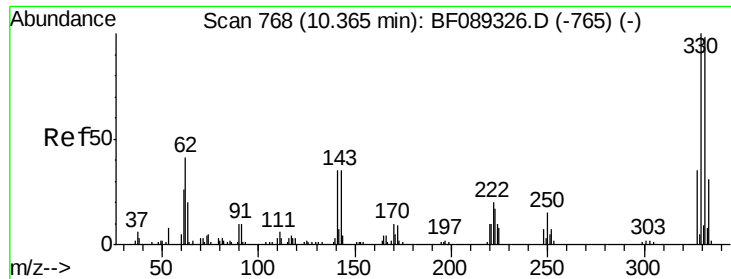
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.50 min Scan# 692
 Delta R.T. -0.08 min
 Lab File: BF089550.D
 Acq: 2 Aug 2016 16:42

Tgt Ion:164 Resp: 80263
 Ion Ratio Lower Upper
 164 100
 162 104.8 83.7 125.5
 160 46.3 37.8 56.6



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

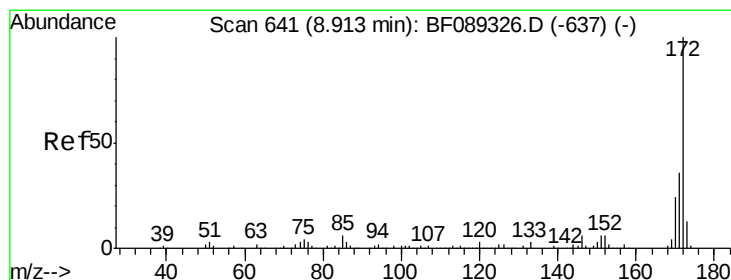
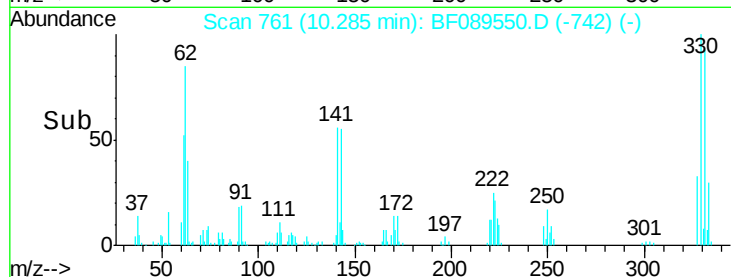
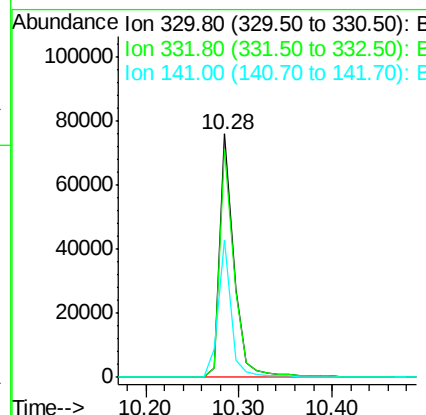
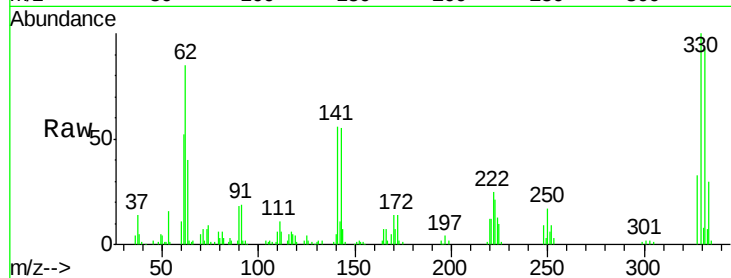




#41
 2,4,6-Tribromophenol
 Concen: 121.63 ng
 RT: 10.28 min Scan# 761
 Delta R.T. -0.08 min
 Lab File: BF089550.D
 Acq: 2 Aug 2016 16:42

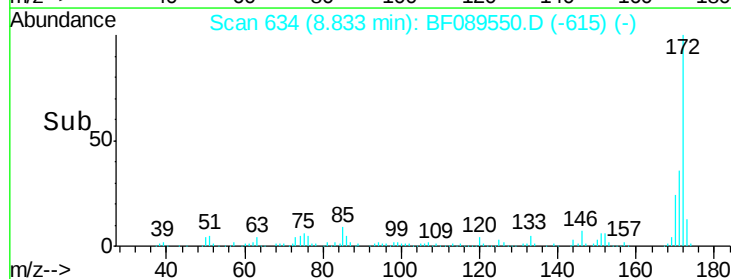
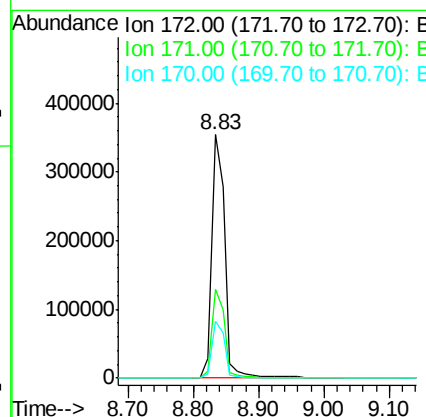
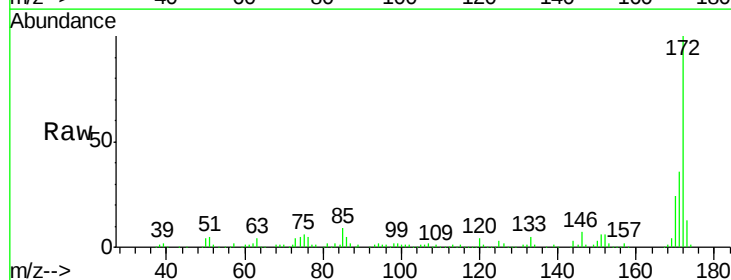
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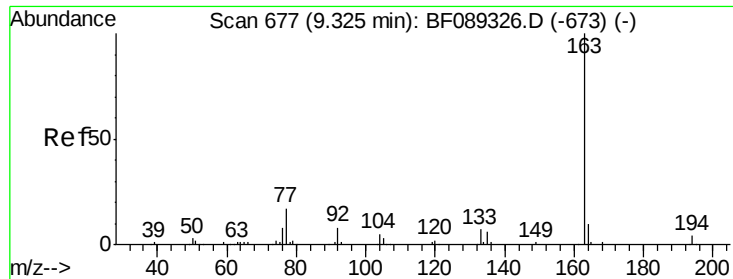
Tgt Ion:330 Resp: 80854
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.8 115.2
 141 51.9 37.3 55.9



#44
 2-Fluorobiphenyl
 Concen: 90.54 ng
 RT: 8.83 min Scan# 634
 Delta R.T. -0.08 min
 Lab File: BF089550.D
 Acq: 2 Aug 2016 16:42

Tgt Ion:172 Resp: 495184
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.2 43.8
 170 23.5 19.2 28.8

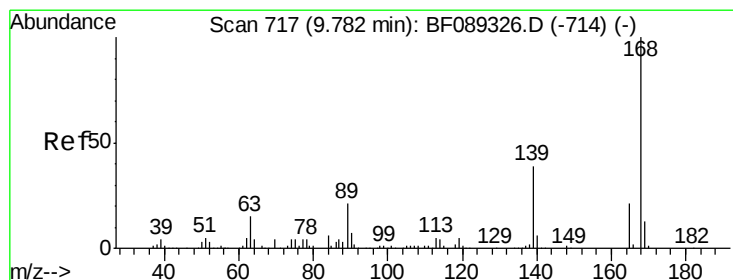
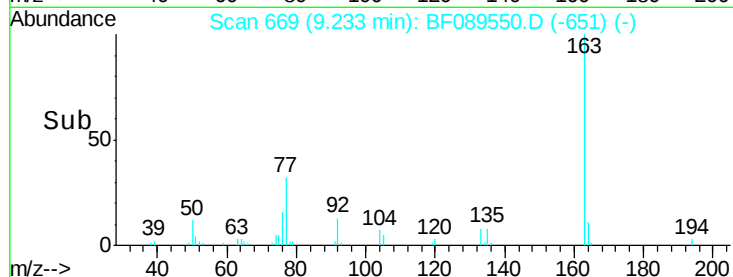
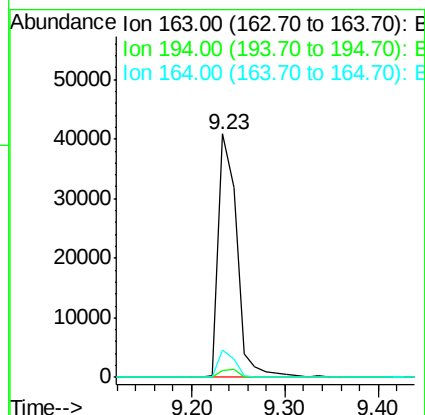
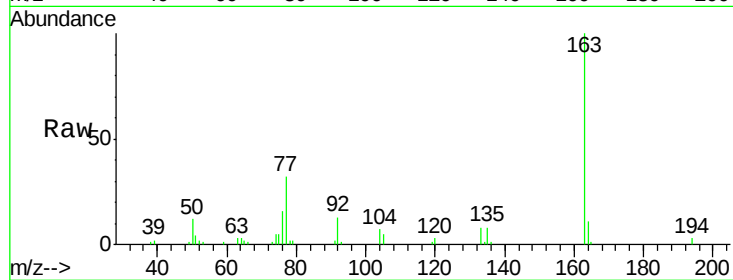




#49
Dimethylphthalate
Concen: 9.14 ng
RT: 9.23 min Scan# 669
Delta R.T. -0.09 min
Lab File: BF089550.D
Acq: 2 Aug 2016 16:42

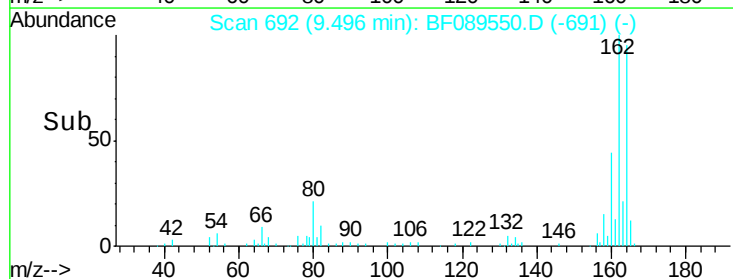
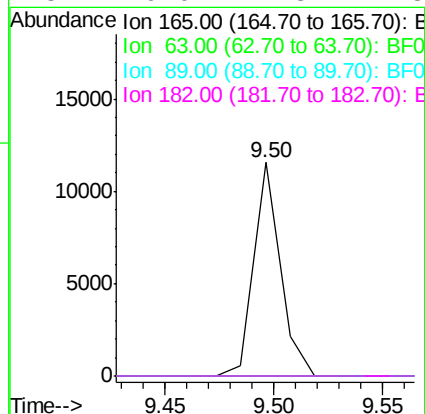
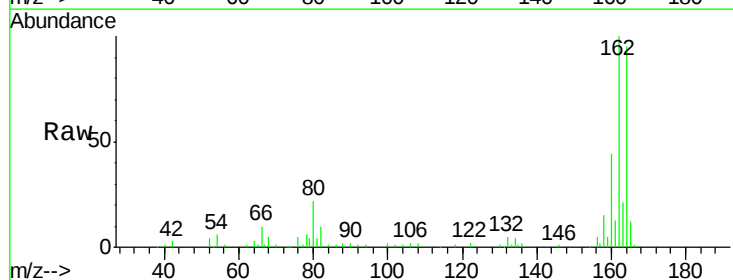
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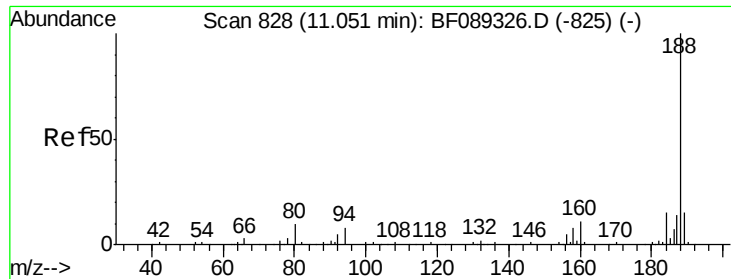
Tgt Ion:163 Resp: 55861
Ion Ratio Lower Upper
163 100
194 2.9 2.8 4.2
164 11.2 7.8 11.8



#56
2,4-Dinitrotoluene
Concen: 5.93 ng
RT: 9.50 min Scan# 692
Delta R.T. -0.29 min
Lab File: BF089550.D
Acq: 2 Aug 2016 16:42

Tgt Ion:165 Resp: 9796
Ion Ratio Lower Upper
165 100
63 0.0 58.2 87.2#
89 0.0 79.1 118.7#
182 0.0 1.8 2.8#

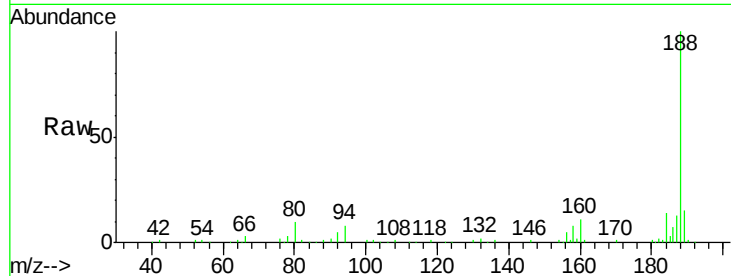




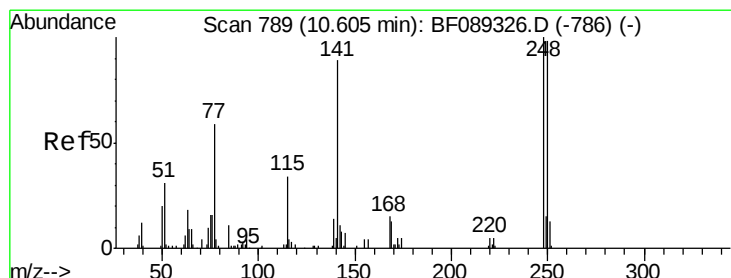
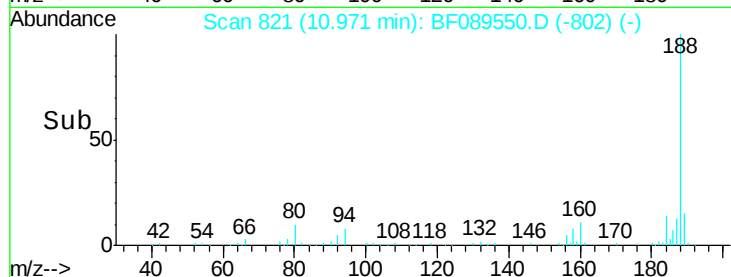
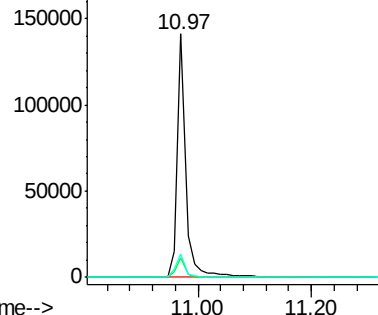
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.97 min Scan# 821
 Delta R.T. -0.08 min
 Lab File: BF089550.D
 Acq: 2 Aug 2016 16:42

Instrument :
 BNA_F
 ClientSampleId :
 GW-52-11.1-15.0

Tgt Ion:188 Resp: 141814
 Ion Ratio Lower Upper
 188 100
 94 8.2 6.5 9.7
 80 9.5 7.2 10.8

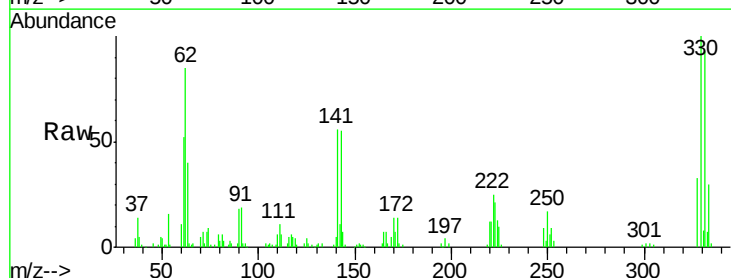


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

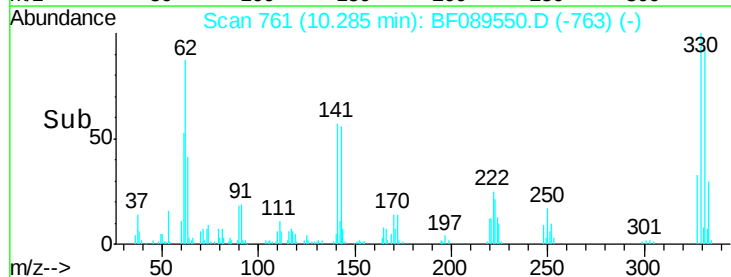
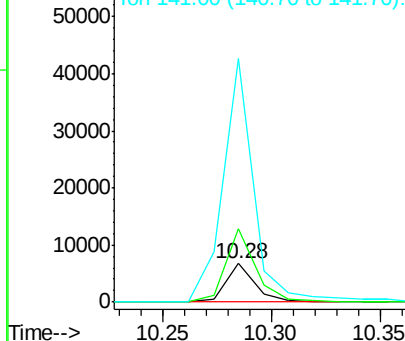


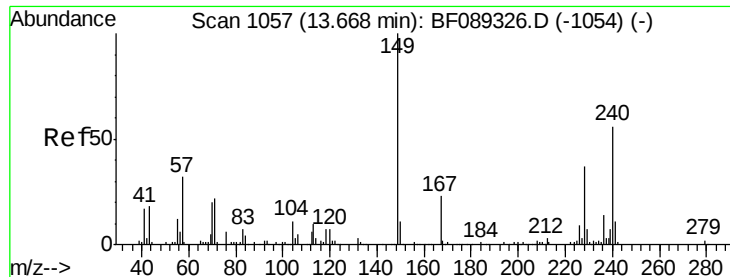
#66
 4-Bromophenyl-phenylether
 Concen: 4.63 ng
 RT: 10.28 min Scan# 761
 Delta R.T. -0.32 min
 Lab File: BF089550.D
 Acq: 2 Aug 2016 16:42

Tgt Ion:248 Resp: 6274
 Ion Ratio Lower Upper
 248 100
 250 190.4 78.2 117.2#
 141 630.1 62.0 93.0#



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: 13.59 min Scan# 1050

Delta R.T. -0.08 min

Lab File: BF089550.D

Acq: 2 Aug 2016 16:42

Instrument :

BNA_F

ClientSampleId :

GW-52-11.1-15.0

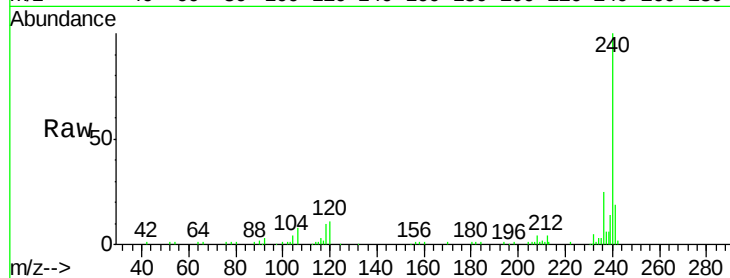
Tgt Ion:240 Resp: 94137

Ion Ratio Lower Upper

240 100

120 10.9 9.1 13.7

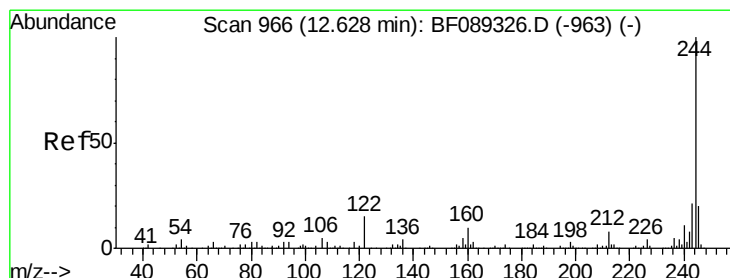
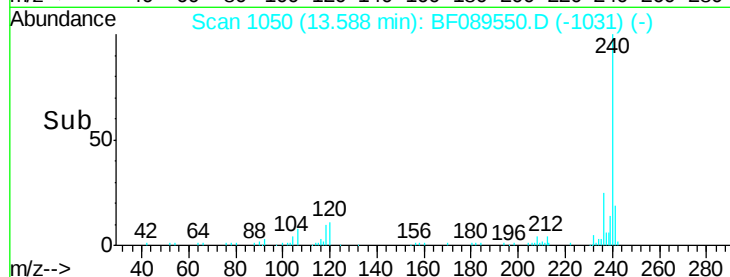
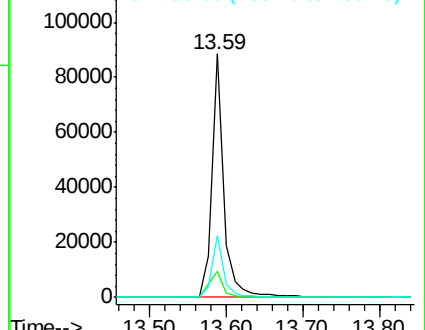
236 25.4 20.6 30.8



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: 96.37 ng

RT: 12.56 min Scan# 960

Delta R.T. -0.07 min

Lab File: BF089550.D

Acq: 2 Aug 2016 16:42

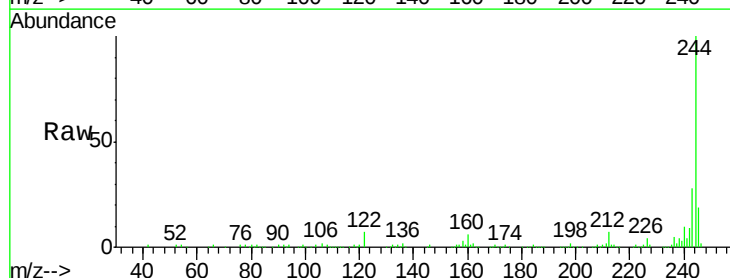
Tgt Ion:244 Resp: 387601

Ion Ratio Lower Upper

244 100

212 7.0 6.5 9.7

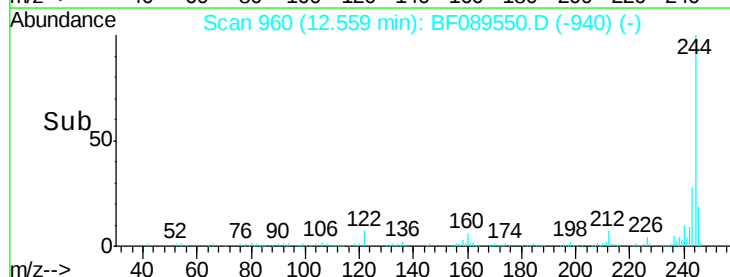
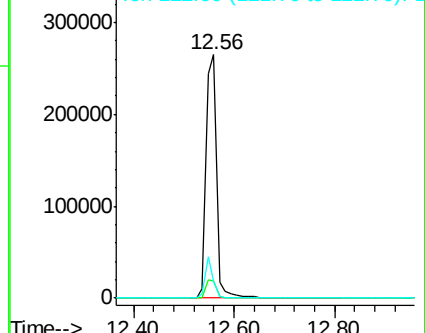
122 7.0 11.4 17.0#

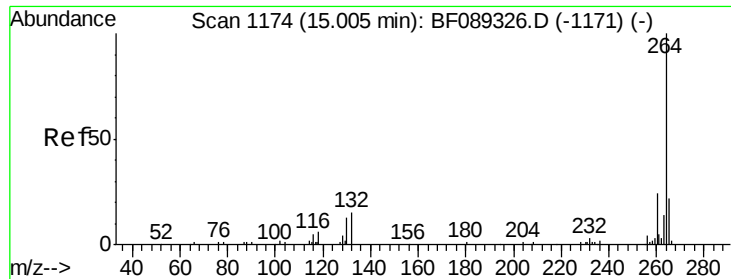


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 14.91 min Scan# 1166
Delta R.T. -0.09 min
Lab File: BF089550.D
Acq: 2 Aug 2016 16:42

Instrument :
BNA_F
ClientSampleId :
GW-52-11.1-15.0

Tgt Ion: 264 Resp: 82682
Ion Ratio Lower Upper
264 100
260 23.0 19.0 28.4
265 21.3 17.5 26.3

