

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110416\
 Data File : BG024695.D
 Acq On : 5 Nov 2016 3:43
 Operator : UM/SJ
 Sample : H5531-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

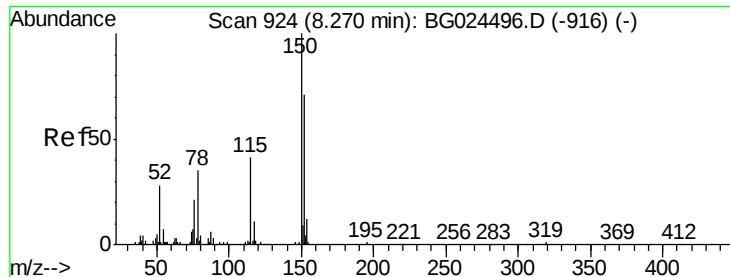
Instrument :
 BNA_G
 ClientSampleId :
 S22-0015

Quant Time: Nov 05 03:36:35 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 11:14:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	106209	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	420669	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	356334	20.00	ng	-0.01
63) Phenanthrene-d10	17.62	188	758643	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1024548	20.00	ng	-0.01
86) Perylene-d12	25.36	264	1102629	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	356928	55.08	ng	0.00
7) Phenol-d6	7.41	99	313870	35.31	ng	0.00
23) Nitrobenzene-d5	9.45	82	890431	96.37	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	771485	144.92	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1799003	83.91	ng	0.00
78) Terphenyl-d14	20.20	244	3022489	88.15	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	7.39	77	358960	65.35	ng	# 1
11) bis(2-Chloroethyl)ether	7.64	93	18423	2.68	ng	# 1
18) Hexachloroethane	9.37	117	174834	56.45	ng	# 1
22) Acetophenone	9.06	105	507732	46.99	ng	# 48
24) Nitrobenzene	9.46	77	43483	4.23	ng	# 18
27) 2,4-Dimethylphenol	10.27	122	182621	27.34	ng	95
31) Naphthalene	11.15	128	1968804	93.83	ng	98
33) 4-Chloroaniline	11.15	127	286087	31.40	ng	# 26
37) 2-Methylnaphthalene	12.73	142	600004	39.19	ng	96
45) 1,1'-Biphenyl	13.72	154	69249	2.80	ng	89
47) 2-Nitroaniline	13.99	65	15829	2.05	ng	# 35
49) Dimethylphthalate	14.32	163	106048	4.19	ng	# 60

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

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Sample    : H5531-08  
Misc      :  
ALS Vial  : 12    Sample Multiplier: 1
```



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.27 min Scan# 924

Delta R.T. 0.00 min

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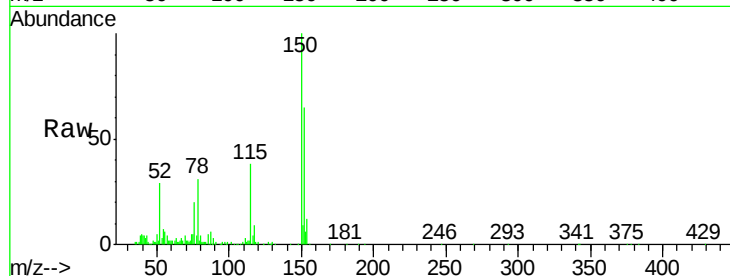
Tgt Ion:152 Resp: 106209

Ion Ratio Lower Upper

152 100

150 153.7 114.0 171.0

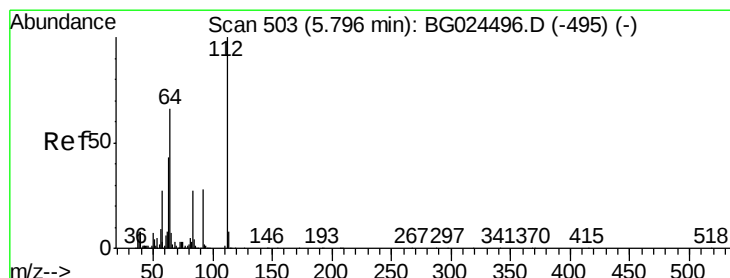
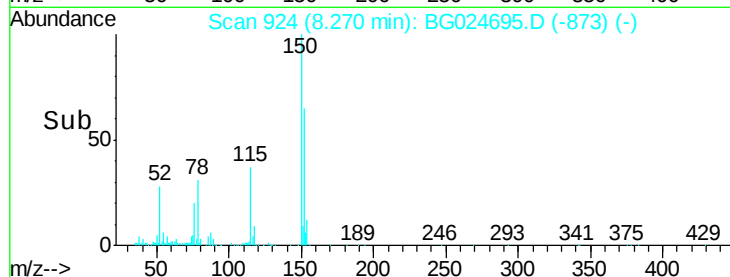
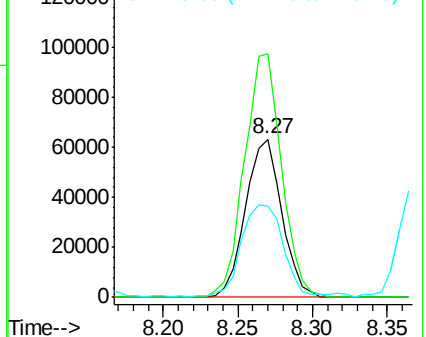
115 57.9 48.1 72.1



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: 55.08 ng

RT: 5.80 min Scan# 504

Delta R.T. 0.01 min

Lab File: BG024695.D

Acq: 5 Nov 2016 3:43

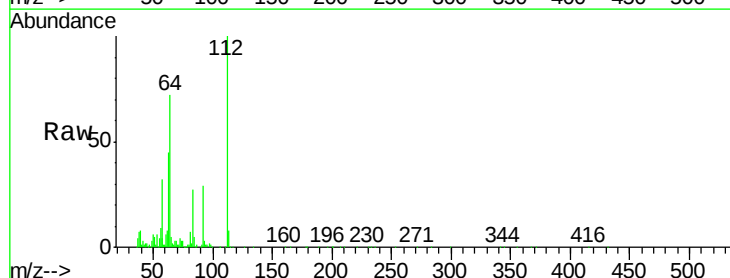
Tgt Ion:112 Resp: 356928

Ion Ratio Lower Upper

112 100

64 71.7 61.8 92.6

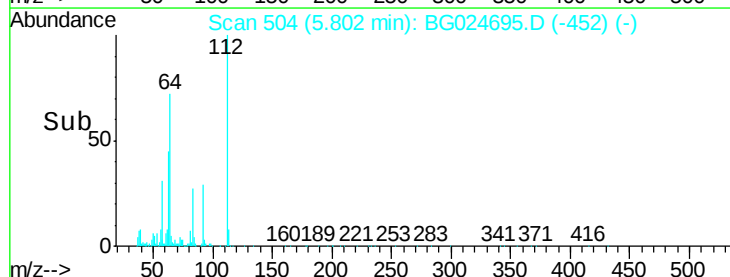
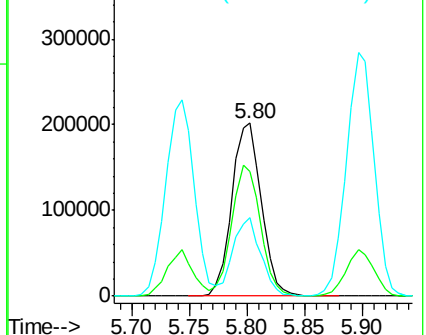
63 45.3 37.2 55.8

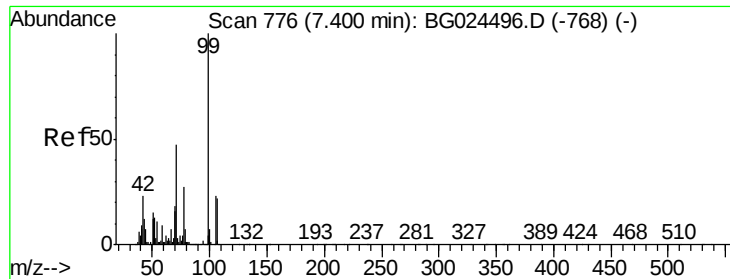


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 35.31 ng

RT: 7.41 min Scan# 777

Delta R.T. 0.01 min

Lab File: BG024695.D

Acq: 5 Nov 2016 3:43

Instrument :

BNA_G

ClientSampleId :

S22-0015

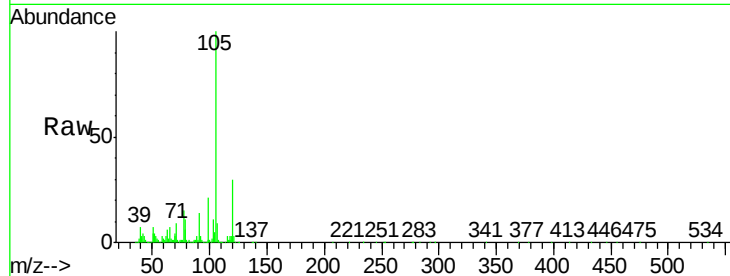
Tgt Ion: 99 Resp: 313870

Ion Ratio Lower Upper

99 100

42 20.4 20.5 30.7#

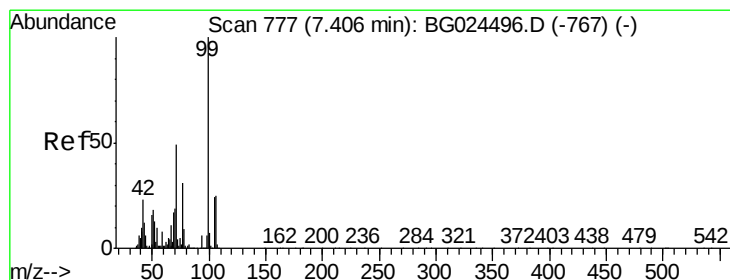
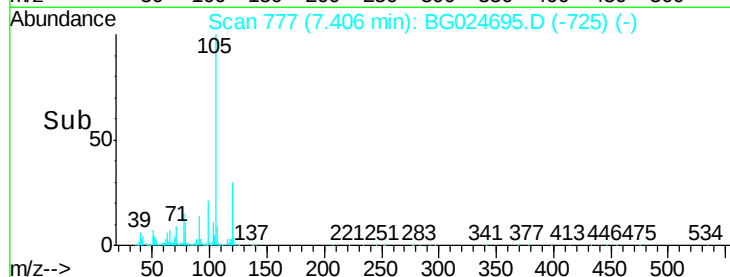
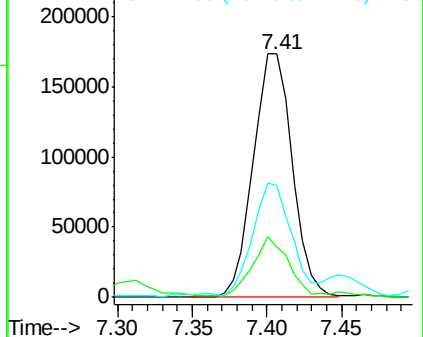
71 45.8 37.6 56.4



Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#9

Benzaldehyde

Concen: 65.35 ng

RT: 7.39 min Scan# 775

Delta R.T. -0.01 min

Lab File: BG024695.D

Acq: 5 Nov 2016 3:43

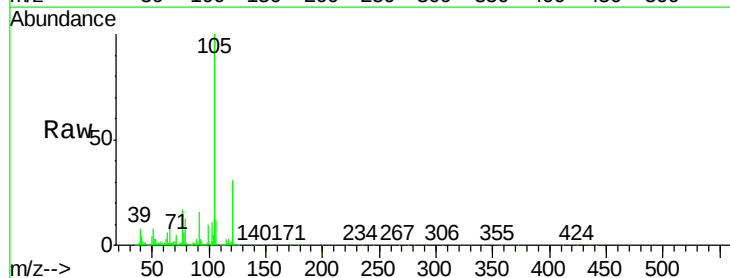
Tgt Ion: 77 Resp: 358960

Ion Ratio Lower Upper

77 100

105 595.9 60.9 100.9#

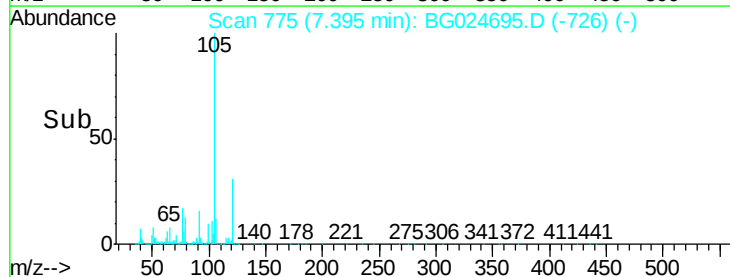
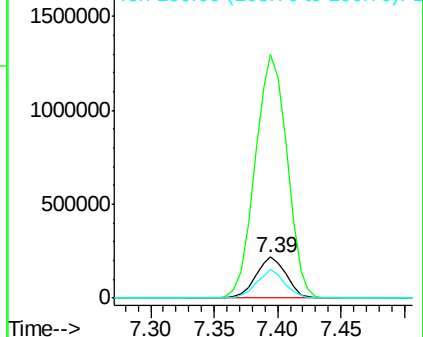
106 69.6 55.1 95.1

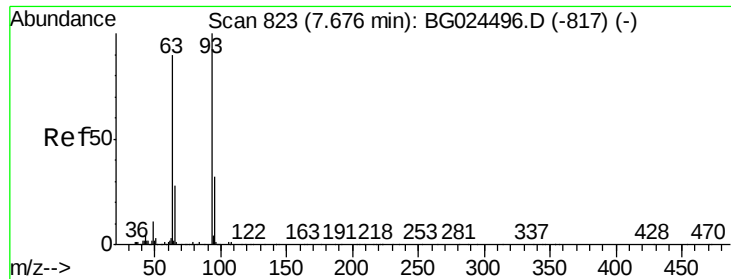


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC

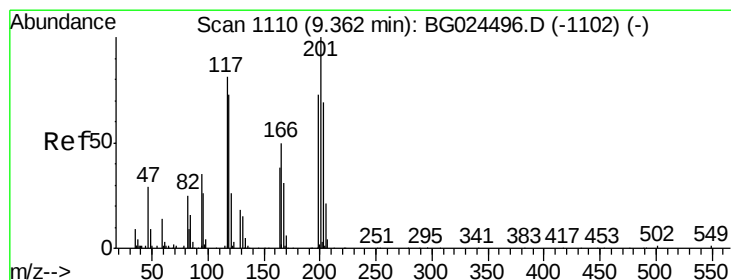
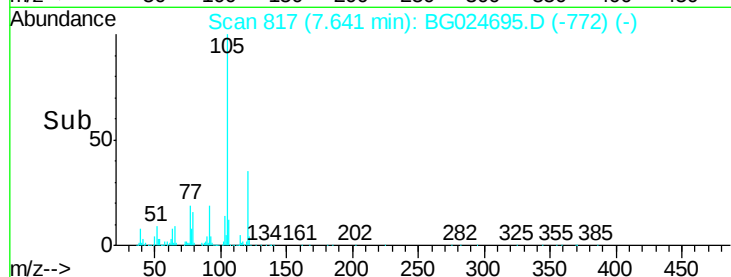
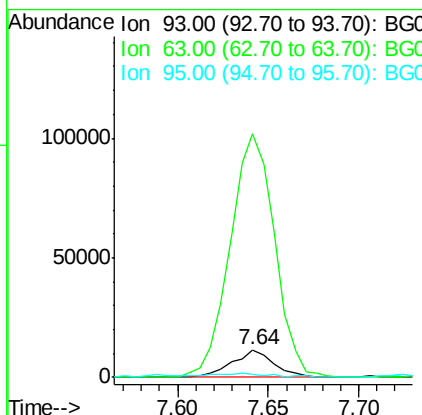
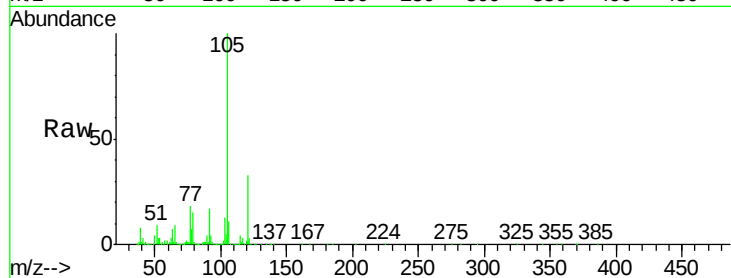




#11
bis(2-Chloroethyl)ether
Concen: 2.68 ng
RT: 7.64 min Scan# 817
Delta R.T. -0.03 min
Lab File: BG024695.D
Acq: 5 Nov 2016 3:43

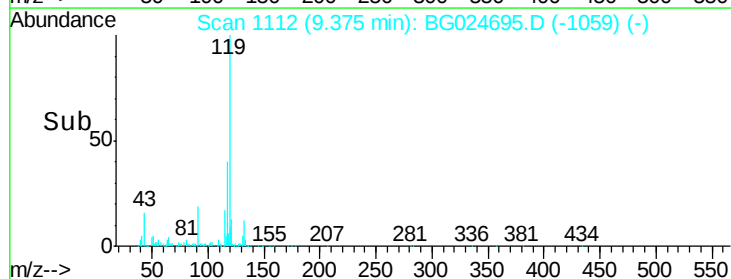
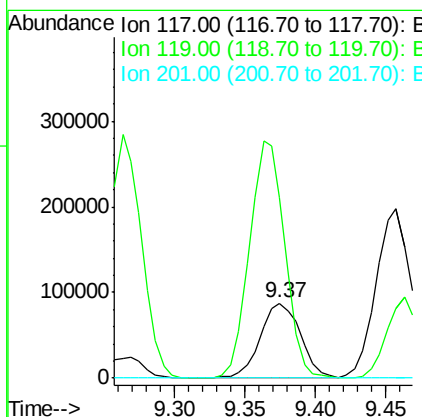
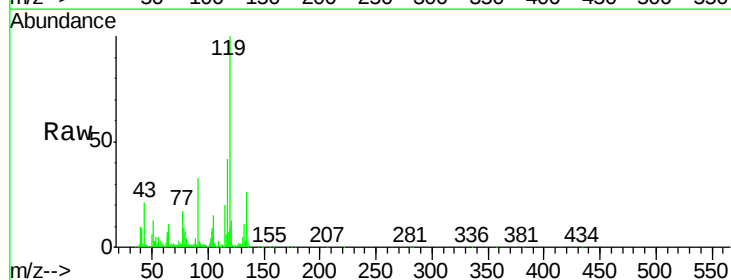
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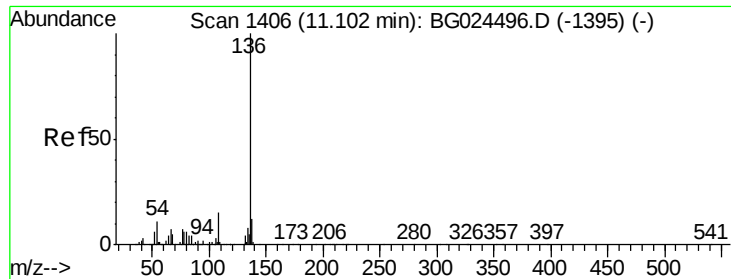
Tgt Ion: 93 Resp: 18423
Ion Ratio Lower Upper
93 100
63 889.7 78.5 118.5#
95 11.3 9.8 49.8



#18
Hexachloroethane
Concen: 56.45 ng
RT: 9.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: BG024695.D
Acq: 5 Nov 2016 3:43

Tgt Ion: 117 Resp: 174834
Ion Ratio Lower Upper
117 100
119 239.8 69.8 104.6#
201 0.0 95.4 143.0#

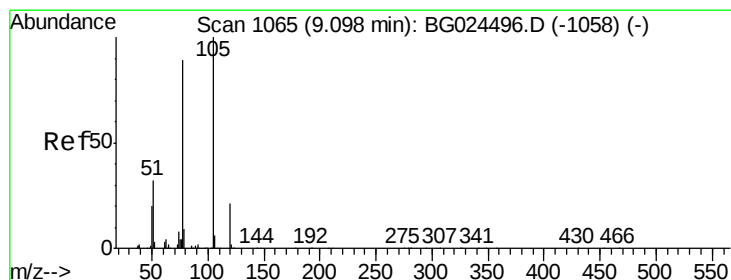
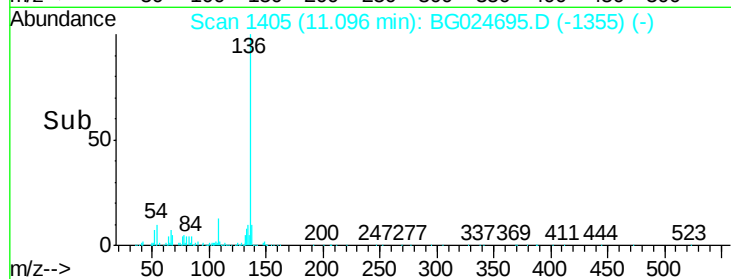
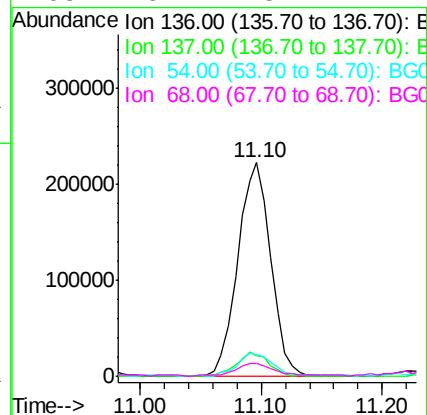
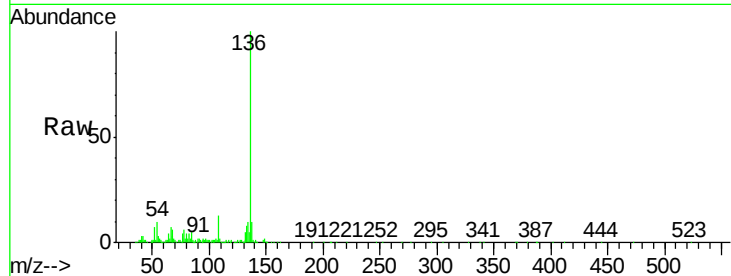




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.10 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG024695.D
Acq: 5 Nov 2016 3:43

Instrument :
BNA_G
ClientSampleId :
S22-0015

Tgt Ion:	136	Resp:	420669
Ion Ratio	Lower	Upper	
136	100		
137	9.7	8.9	13.3
54	10.1	9.3	13.9
68	5.7	5.1	7.7



#22
Acetophenone
Concen: 46.99 ng
RT: 9.06 min Scan# 1059
Delta R.T. -0.03 min
Lab File: BG024695.D
Acq: 5 Nov 2016 3:43

Tgt Ion:	105	Resp:	507732
Ion Ratio	Lower	Upper	
105	100		
71	0.8	0.9	1.3#
51	6.3	34.0	51.0#
120	0.4	17.3	25.9#

