

Data File : H:\VOL1\GCMSDATA\J\120627\BJ000990.D
 Acq On : 27 Jun 2012 23:36
 Sample : D3156-10
 Misc : WATER BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Jun 28 10:49 2012

Vial: 34
 Operator: HLM
 Inst : BNA J
 Multiplr: 1.00

Quant Results File: BJ060812.RES

Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ060812.M (RTE Integrator)
 Title : CWA degradation products by GCMS
 Last Update : Thu Jun 28 10:45:59 2012
 Response via : Initial Calibration
 DataAcq Meth : CWAJ

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.68	152	177979	2.00	ug/mL	0.00
6) Naphthalene-d8	5.97	136	727248	2.00	ug/mL	0.00

System Monitoring Compounds

10) Tripropylphosphate	7.04	99	138900	0.49	ug/mL	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	98.00%
12) 2-Bromothioanisole	7.27	204	197103	3.97	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.40%

Target Compounds

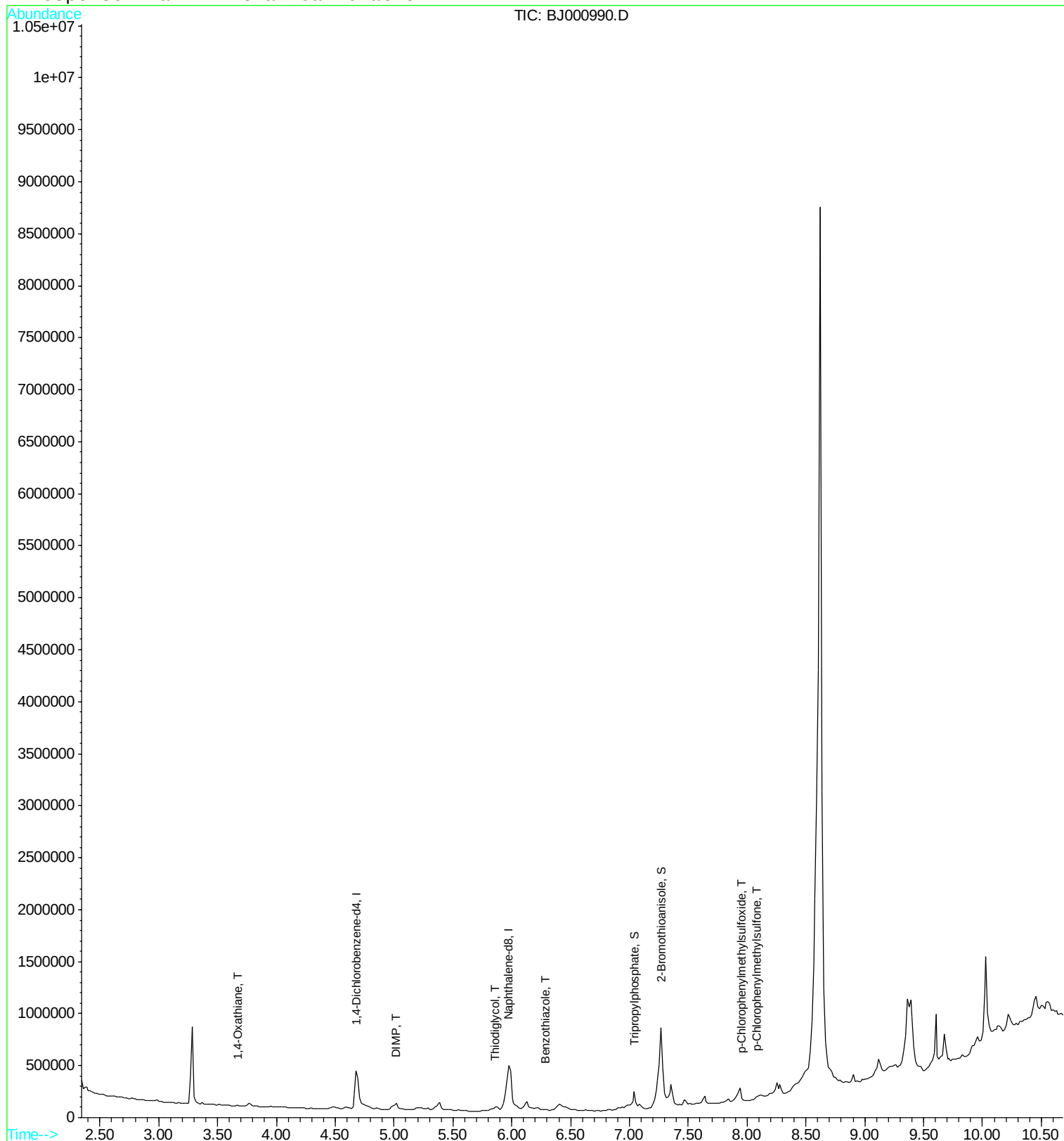
	R.T.	QIon	Response	Conc	Units	Ovalue
4) DIMP	5.02	97	77609	0.51	ug/mL#	52
5) 1,4-Oxathiane	3.67	46	2028	0.03	ug/mL	93
8) Thiodiglycol	5.86	61	910	1.46	ug/mL#	1
9) Benzothiazole	6.29	135	2559	0.01	ug/mL#	1
13) p-Chlorophenylmethylsulfox	7.95	159	839	0.05	ug/mL#	1
14) p-Chlorophenylmethylsulfon	8.08	111	3876	0.04	ug/mL#	78

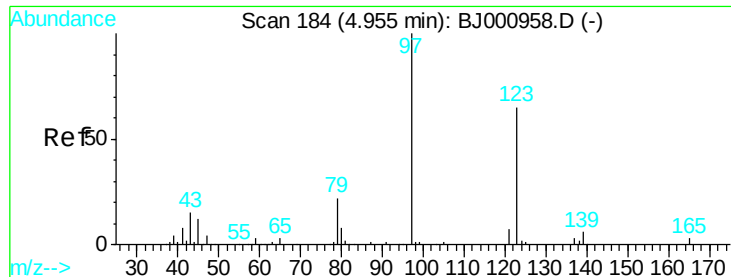
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Title : CWA degradation products by GCMS
Last Update : Thu Jun 28 10:45:59 2012
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#4

DIMP

Concen: 0.51 ug/mL

RT: 5.02 min Scan# 189

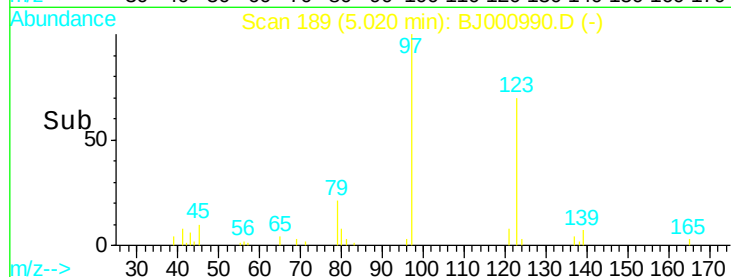
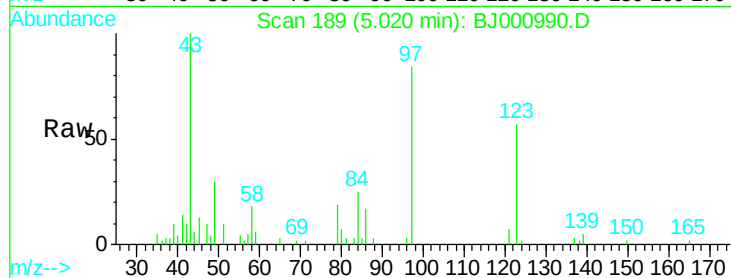
Delta R.T. 0.07 min

Lab File: BJ000990.D

Acq: 27 Jun 2012 23:36

Tgt Ion: 97 Resp: 77609

Ion	Ratio	Lower	Upper
97	100		
123	68.2	45.3	85.3
43	119.7	0.0	35.5#
41	16.4	0.0	27.9



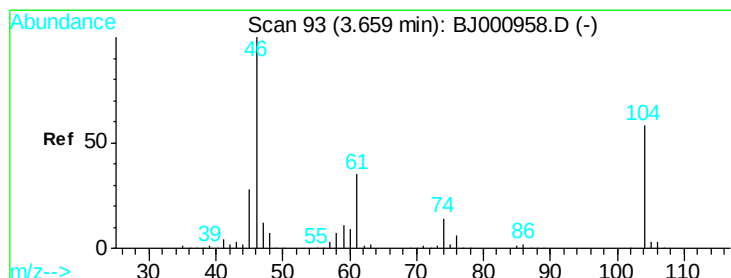
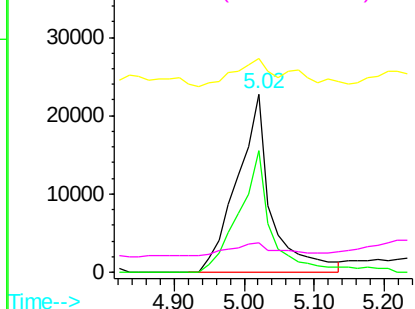
Abundance

Ion 97.00 (96.70 to 97.70): BJ0

Ion 123.00 (122.70 to 123.70): BJ0

Ion 43.00 (42.70 to 43.70): BJ0

Ion 41.00 (40.70 to 41.70): BJ0



#5

1,4-Oxathiane

Concen: 0.03 ug/mL

RT: 3.67 min Scan# 94

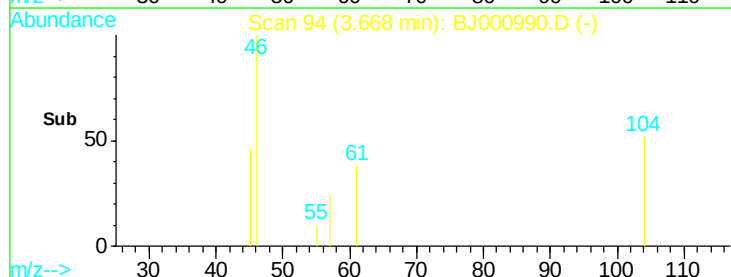
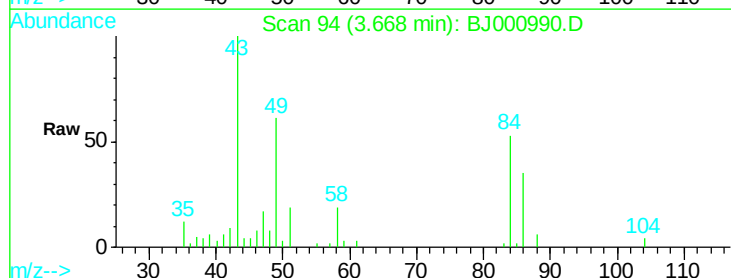
Delta R.T. 0.01 min

Lab File: BJ000990.D

Acq: 27 Jun 2012 23:36

Tgt Ion: 46 Resp: 2028

Ion	Ratio	Lower	Upper
46	100		
61	37.7	15.3	55.3
104	51.6	38.4	78.4

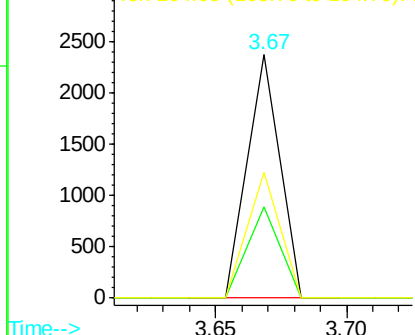


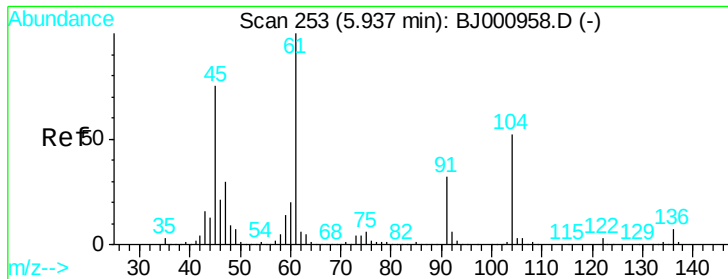
Abundance

Ion 46.00 (45.70 to 46.70): BJ0

Ion 61.00 (60.70 to 61.70): BJ0

Ion 104.00 (103.70 to 104.70): BJ0





#8

Thiodiglycol

Concen: 1.46 ug/mL

RT: 5.86 min Scan# 248

Delta R.T. -0.08 min

Lab File: BJ000990.D

Acq: 27 Jun 2012 23:36

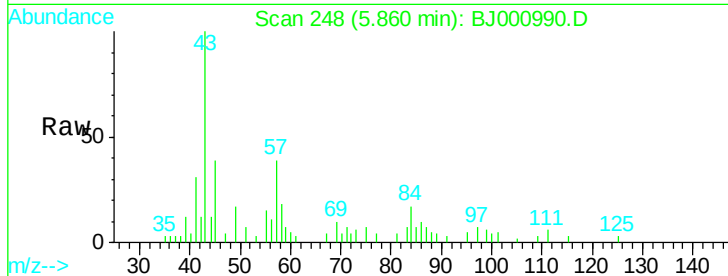
Tgt Ion: 61 Resp: 910

Ion Ratio Lower Upper

61 100

45 1464.7 55.5 95.5#

47 161.6 10.4 50.4#

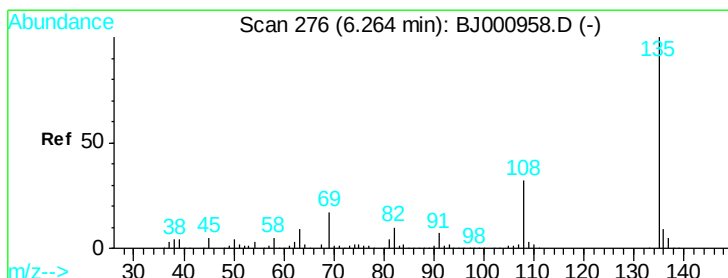
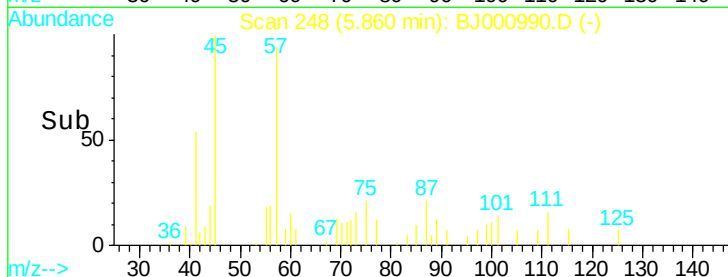
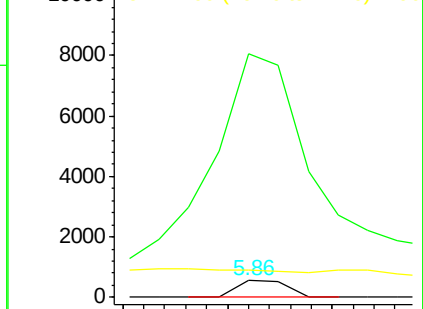


Abundance

Ion 61.00 (60.70 to 61.70): BJ0

Ion 45.00 (44.70 to 45.70): BJ0

Ion 47.00 (46.70 to 47.70): BJ0



#9

Benzothiazole

Concen: 0.01 ug/mL

RT: 6.29 min Scan# 278

Delta R.T. 0.02 min

Lab File: BJ000990.D

Acq: 27 Jun 2012 23:36

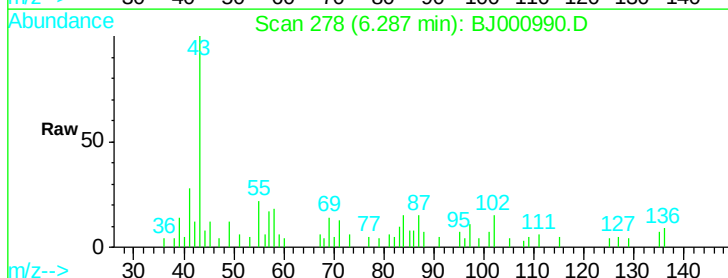
Tgt Ion: 135 Resp: 2559

Ion Ratio Lower Upper

135 100

108 50.0 12.4 52.4

69 204.0 0.0 36.7#

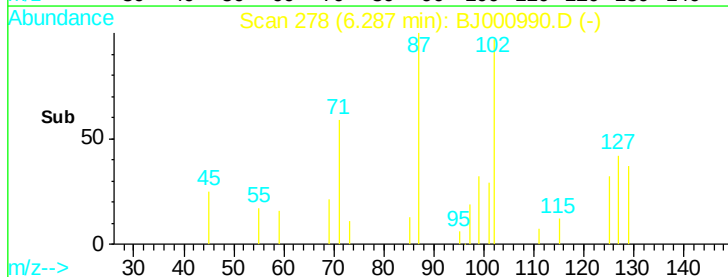
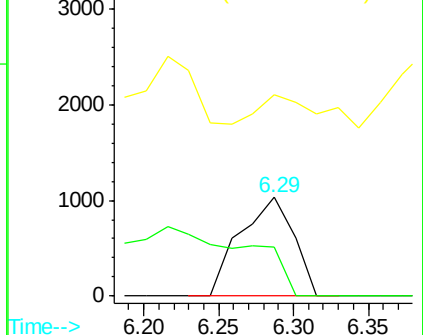


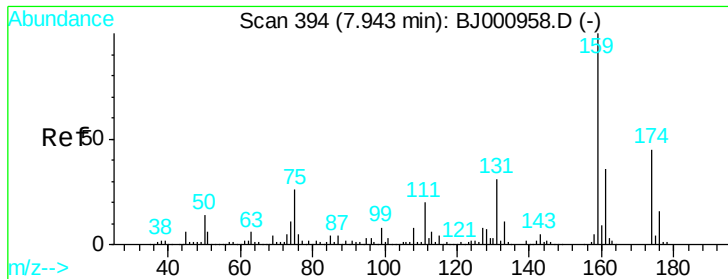
Abundance

Ion 135.00 (134.70 to 135.70): E

Ion 108.00 (107.70 to 108.70): E

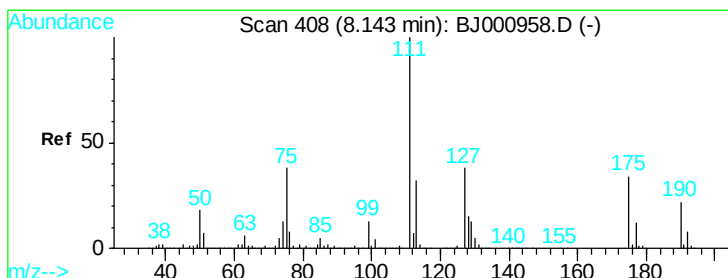
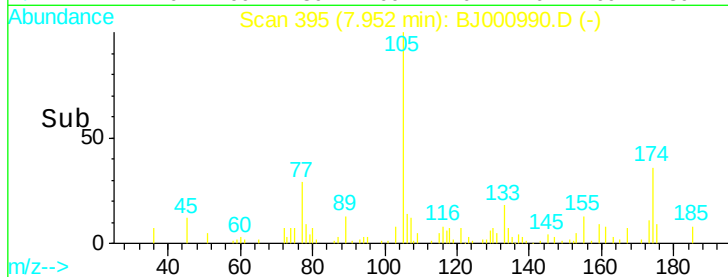
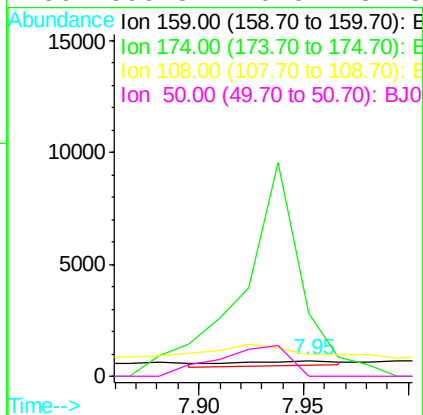
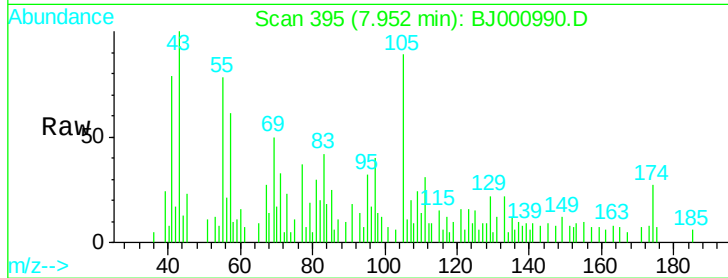
Ion 69.00 (68.70 to 69.70): BJ0





#13
p-Chlorophenylmethylsulfoxide
Concen: 0.05 ug/mL
RT: 7.95 min Scan# 395
Delta R.T. 0.01 min
Lab File: BJ000990.D
Acq: 27 Jun 2012 23:36

Tgt Ion:159 Resp: 839
Ion Ratio Lower Upper
159 100
174 2301.3 26.0 66.0#
108 249.9 0.0 28.6#
50 390.8 0.0 37.3#



#14
p-Chlorophenylmethylsulfone
Concen: 0.04 ug/mL
RT: 8.08 min Scan# 404
Delta R.T. -0.06 min
Lab File: BJ000990.D
Acq: 27 Jun 2012 23:36

Tgt Ion:111 Resp: 3876
Ion Ratio Lower Upper
111 100
75 27.6 19.3 59.3
127 30.5 18.4 58.4
190 0.0 1.5 41.5#

