

Data File : H:\VOL1\GCMSDATA\J\120627\BJ000989.D
 Acq On : 27 Jun 2012 23:17
 Sample : D3156-09MSD
 Misc : WATER BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Jun 28 10:48 2012

Vial: 33
 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	172106	2.00	ug/mL	0.00
6) Naphthalene-d8	5.97	136	719280	2.00	ug/mL	0.00

System Monitoring Compounds

10) Tripropylphosphate	7.04	99	126760	0.45	ug/mL	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	90.00%
12) 2-Bromothioanisole	7.27	204	196638	4.00	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.00%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dimethyl Disulfide	2.67	94	294156	5.03	ug/mL	84
3) DMMP	3.61	79	6836	0.14	ug/mL	97
4) DIMP	5.01	97	597762	4.06	ug/mL#	89
5) 1,4-Oxathiane	3.68	46	283910	4.94	ug/mL	99
7) 1,4-Dithiane	5.13	46	226930	4.43	ug/mL#	73
8) Thiodiglycol	5.97	61	5357	1.57	ug/mL#	1
9) Benzothiazole	6.27	135	1667336	8.44	ug/mL	97
11) p-Chlorophenylmethyldisulfide	6.51	158	1013294	8.17	ug/mL	90
13) p-Chlorophenylmethyldisulfox	7.95	159	650615	8.96	ug/mL	99
14) p-Chlorophenylmethyldisulfon	8.15	111	802608	7.67	ug/mL	96

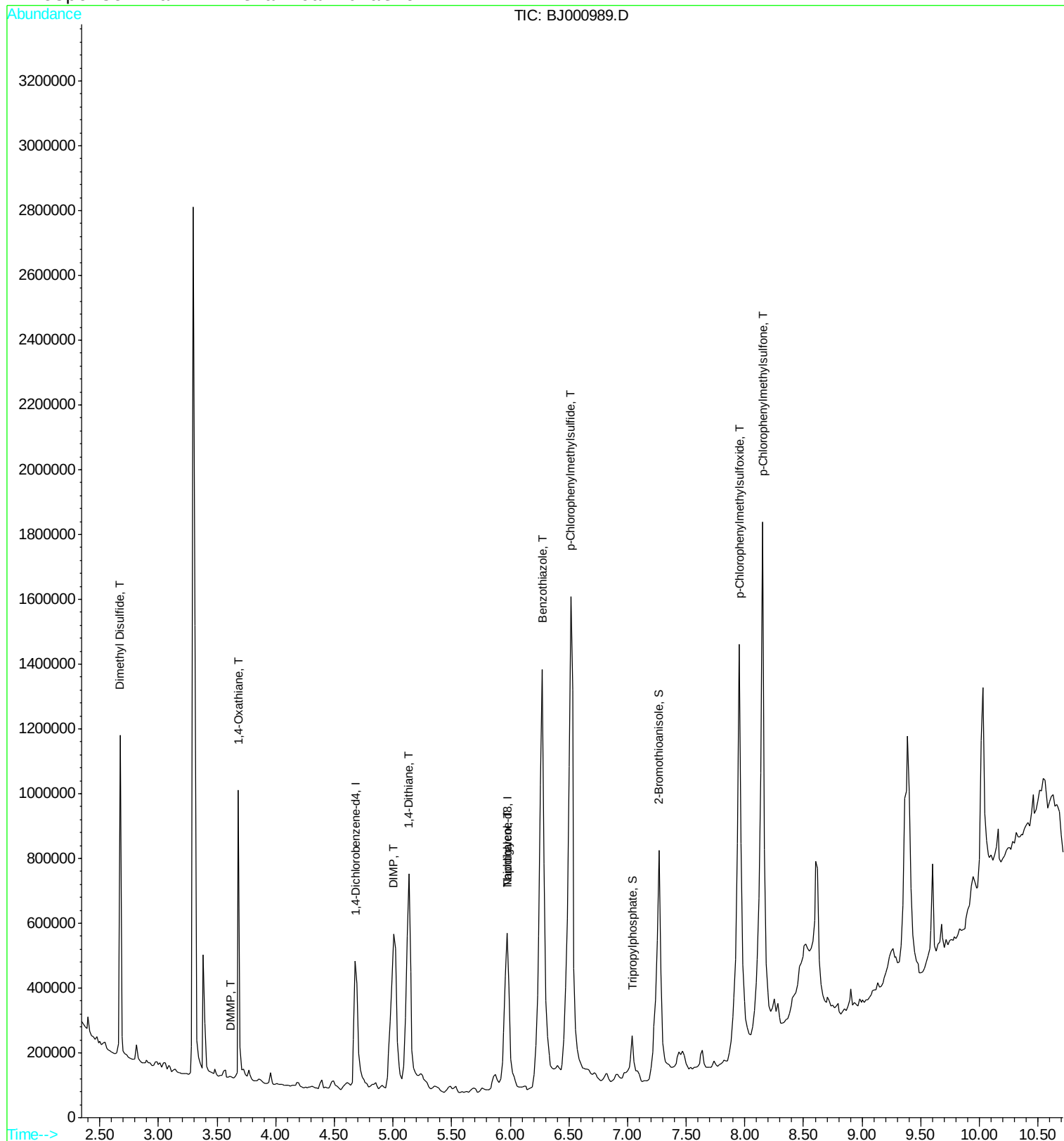
Quantitation Report

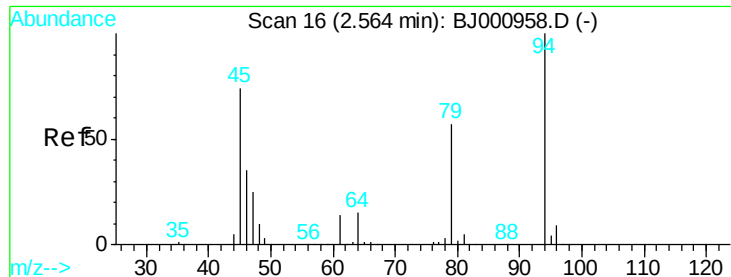
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#2

Dimethyl Disulfide

Concen: 5.03 ug/mL

RT: 2.67 min Scan# 24

Delta R.T. 0.11 min

Lab File: BJ000989.D

Acq: 27 Jun 2012 23:17

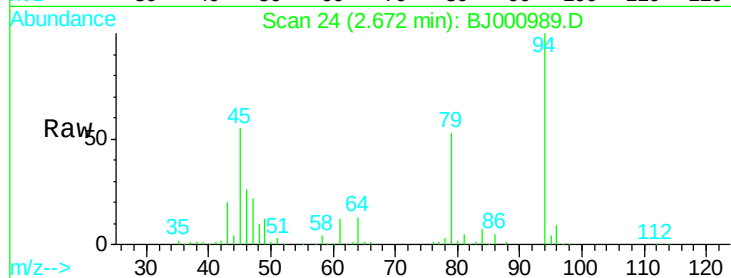
Tgt Ion: 94 Resp: 294156

Ion Ratio Lower Upper

94 100

45 55.4 55.3 95.3

79 53.2 37.3 77.3

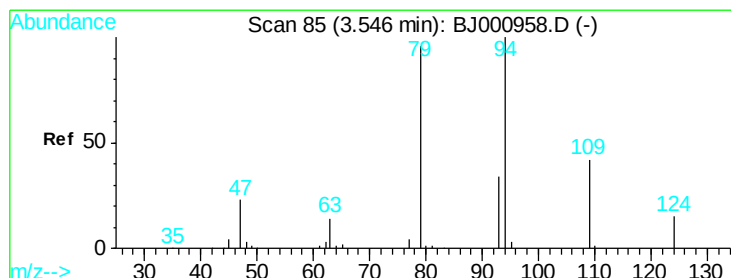
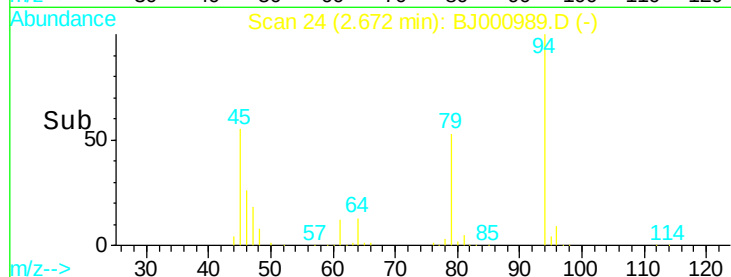
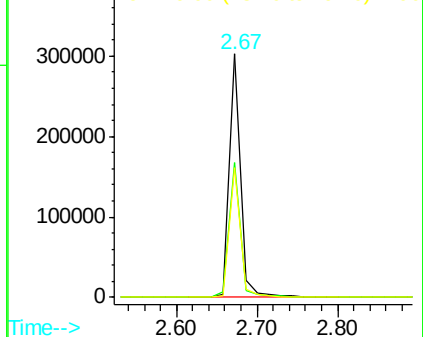


Abundance

Ion 94.00 (93.70 to 94.70): BJ0

Ion 45.00 (44.70 to 45.70): BJ0

Ion 79.00 (78.70 to 79.70): BJ0



#3

DMMP

Concen: 0.14 ug/mL

RT: 3.61 min Scan# 90

Delta R.T. 0.07 min

Lab File: BJ000989.D

Acq: 27 Jun 2012 23:17

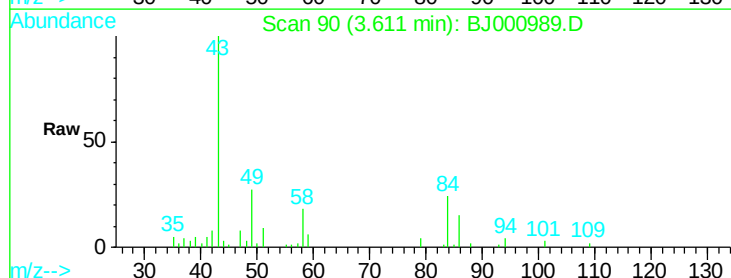
Tgt Ion: 79 Resp: 6836

Ion Ratio Lower Upper

79 100

94 100.4 84.5 124.5

109 44.7 23.4 63.4

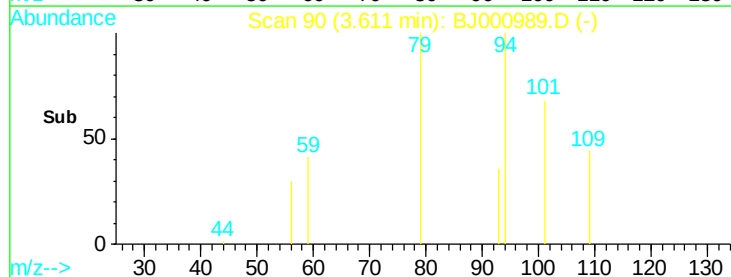
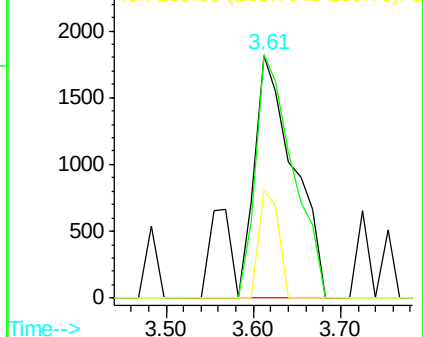


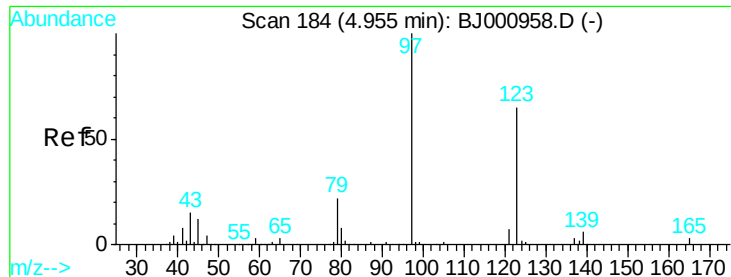
Abundance

Ion 79.00 (78.70 to 79.70): BJ0

Ion 94.00 (93.70 to 94.70): BJ0

Ion 109.00 (108.70 to 109.70): BJ0





#4

DIMP

Concen: 4.06 ug/mL

RT: 5.01 min Scan# 188

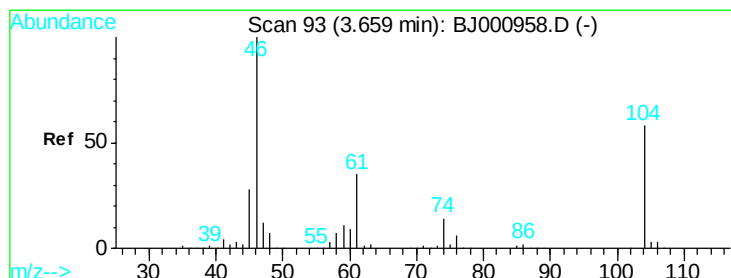
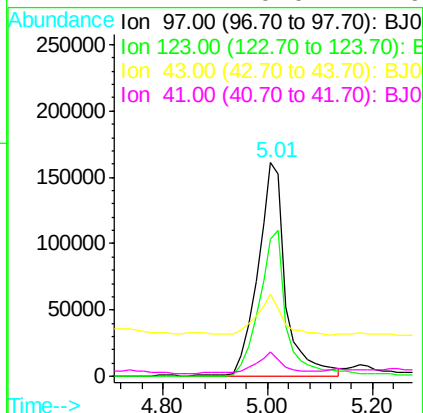
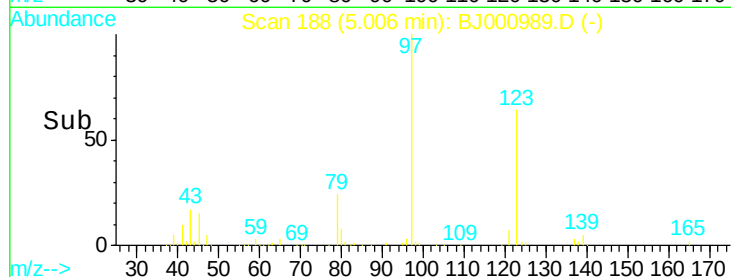
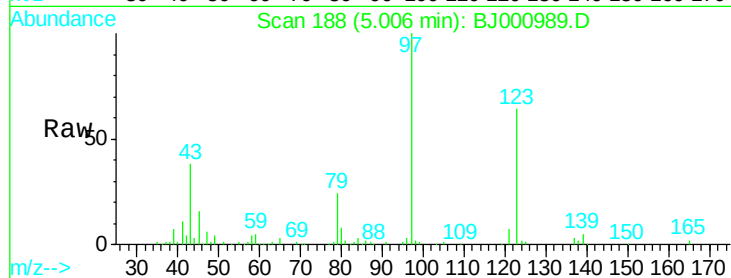
Delta R.T. 0.05 min

Lab File: BJ000989.D

Acq: 27 Jun 2012 23:17

Tgt Ion: 97 Resp: 597762

Ion	Ratio	Lower	Upper
97	100		
123	64.0	45.3	85.3
43	38.1	0.0	35.5
41	11.1	0.0	27.9



#5

1,4-Oxathiane

Concen: 4.94 ug/mL

RT: 3.68 min Scan# 95

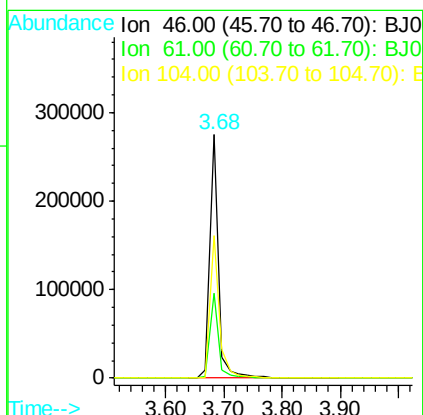
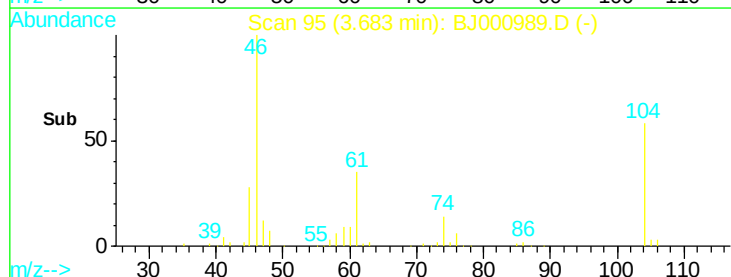
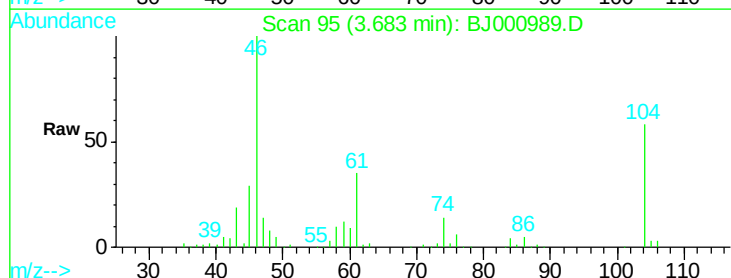
Delta R.T. 0.02 min

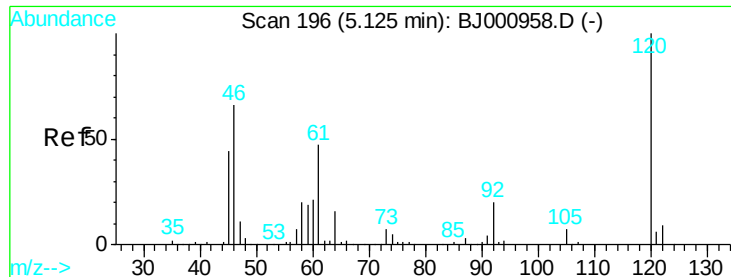
Lab File: BJ000989.D

Acq: 27 Jun 2012 23:17

Tgt Ion: 46 Resp: 283910

Ion	Ratio	Lower	Upper
46	100		
61	34.7	15.3	55.3
104	58.3	38.4	78.4





#7

1,4-Dithiane

Concen: 4.43 ug/mL

RT: 5.13 min Scan# 197

Delta R.T. 0.01 min

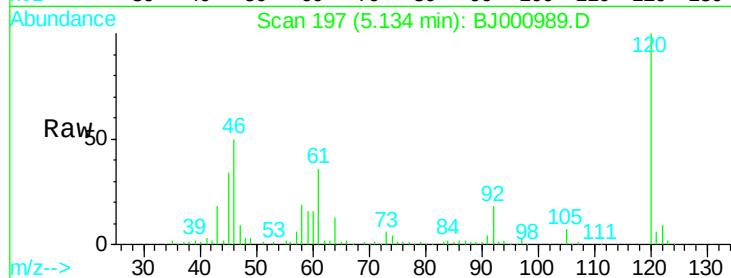
Lab File: BJ000989.D

Acq: 27 Jun 2012 23:17

Tgt Ion: 46 Resp: 226930

Ion Ratio Lower Upper

46	100		
61	72.4	50.6	90.6
120	200.3	131.1	171.1#

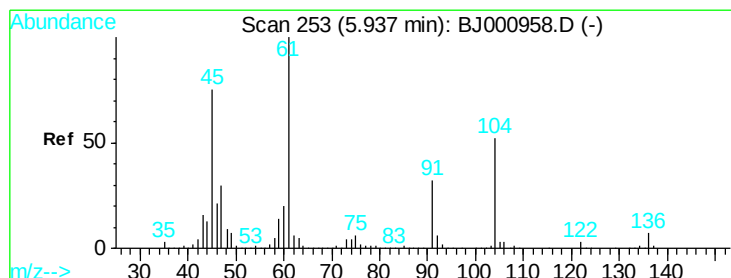
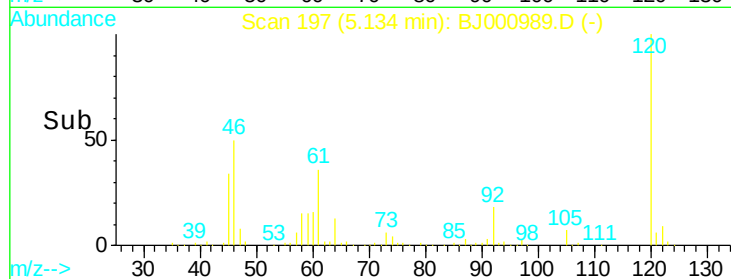
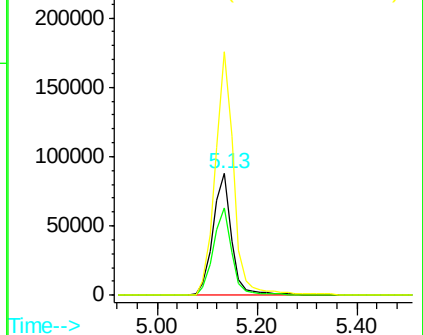


Abundance

Ion 46.00 (45.70 to 46.70): BJ0

Ion 61.00 (60.70 to 61.70): BJ0

Ion 120.00 (119.70 to 120.70): BJ0



#8

Thiodiglycol

Concen: 1.57 ug/mL

RT: 5.97 min Scan# 256

Delta R.T. 0.04 min

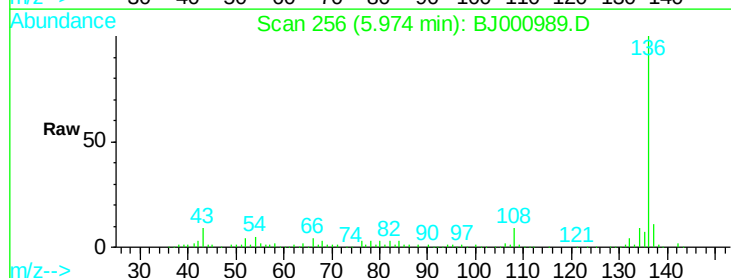
Lab File: BJ000989.D

Acq: 27 Jun 2012 23:17

Tgt Ion: 61 Resp: 5357

Ion Ratio Lower Upper

61	100		
45	230.4	55.5	95.5#
47	83.4	10.4	50.4#

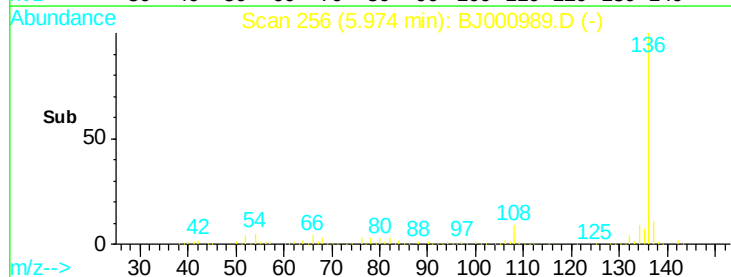
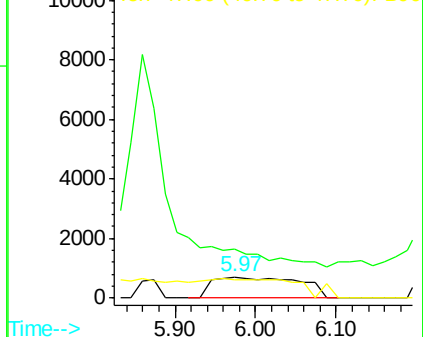


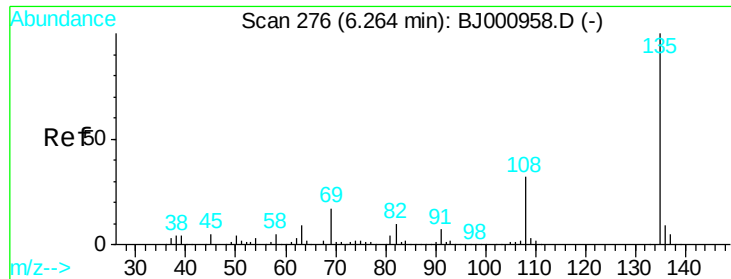
Abundance

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: 8.44 ug/mL

RT: 6.27 min Scan# 277

Delta R.T. 0.01 min

Lab File: BJ000989.D

Acq: 27 Jun 2012 23:17

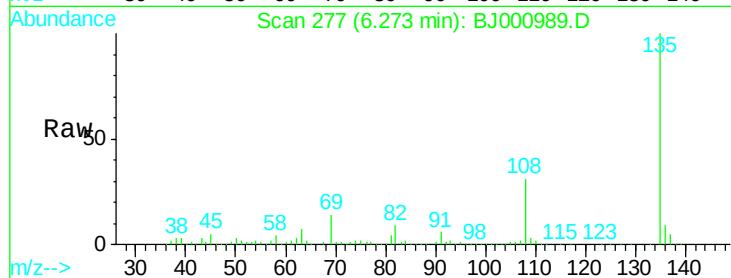
Tgt Ion:135 Resp: 1667336

Ion Ratio Lower Upper

135 100

108 31.0 12.4 52.4

69 14.5 0.0 36.7

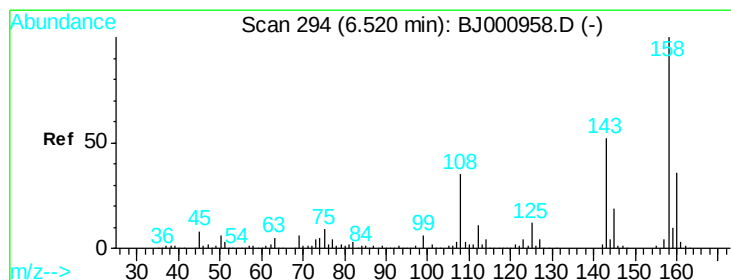
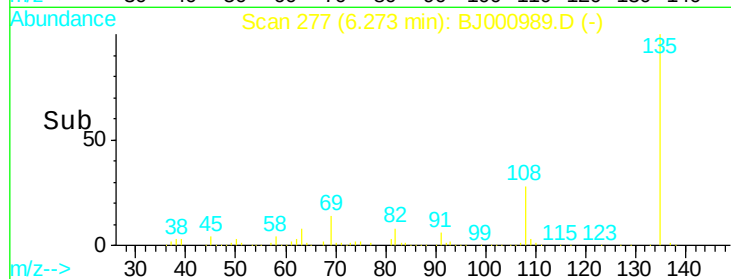
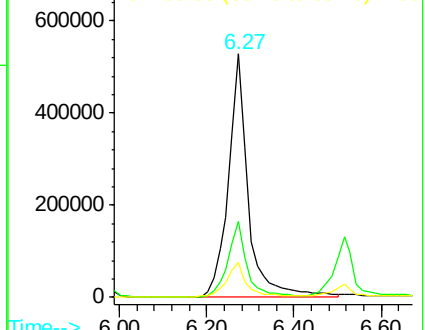


Abundance

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



#11

p-Chlorophenylmethylsulfide

Concen: 8.17 ug/mL

RT: 6.51 min Scan# 294

Delta R.T. -0.01 min

Lab File: BJ000989.D

Acq: 27 Jun 2012 23:17

Tgt Ion:158 Resp: 1013294

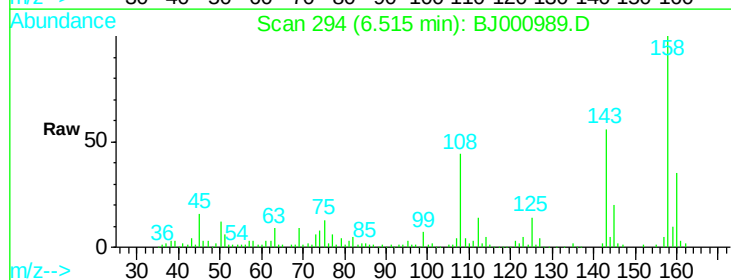
Ion Ratio Lower Upper

158 100

143 55.8 31.9 71.9

108 43.7 15.8 55.8

45 15.8 0.0 29.2



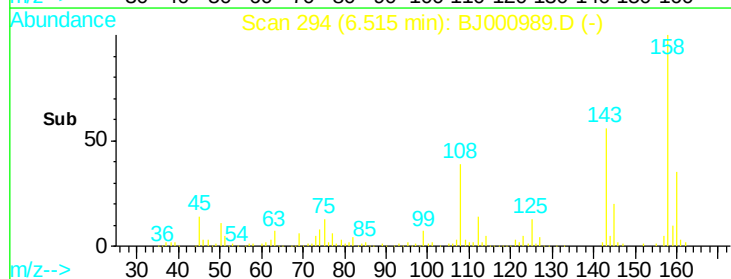
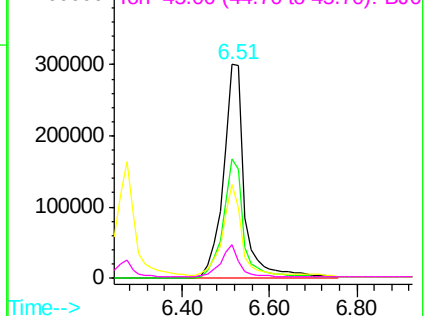
Abundance

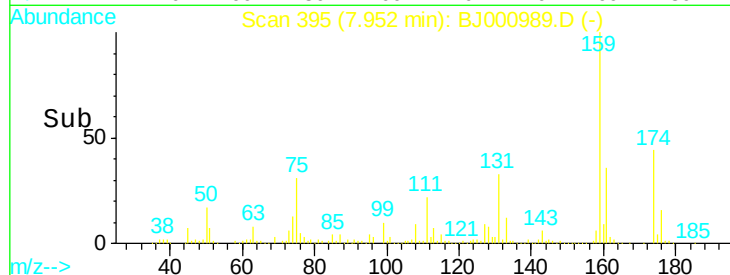
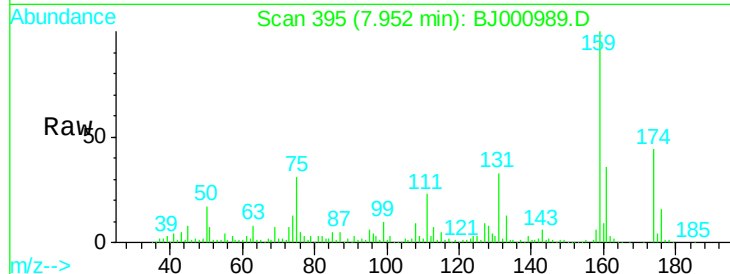
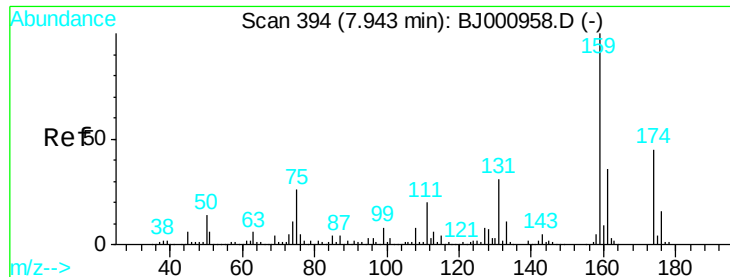
Ion 158.00 (157.70 to 158.70): E

Ion 143.00 (142.70 to 143.70): E

Ion 108.00 (107.70 to 108.70): E

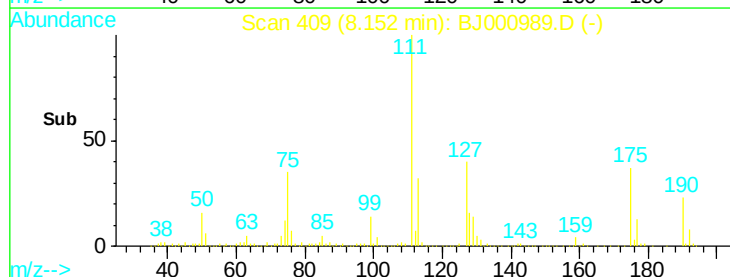
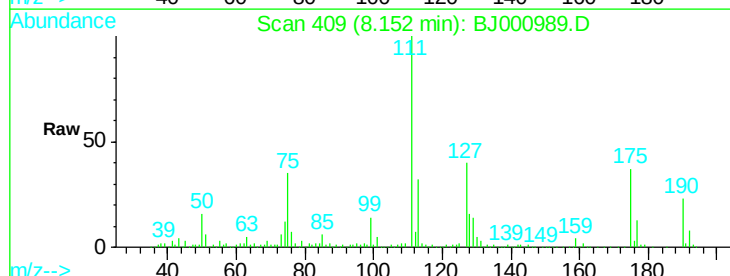
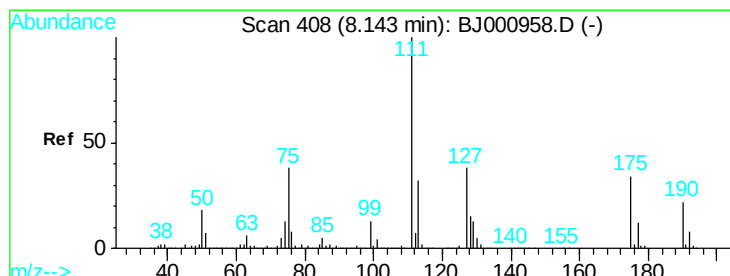
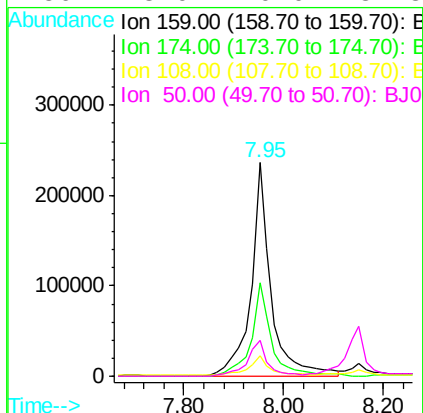
Ion 45.00 (44.70 to 45.70): BJ0





#13
p-Chlorophenylmethylsulfoxide
Concen: 8.96 ug/mL
RT: 7.95 min Scan# 395
Delta R.T. 0.01 min
Lab File: BJ000989.D
Acq: 27 Jun 2012 23:17

Tgt Ion:	159	Resp:	650615
Ion	Ratio	Lower	Upper
159	100		
174	45.2	26.0	66.0
108	9.1	0.0	28.6
50	18.0	0.0	37.3



#14
p-Chlorophenylmethylsulfone
Concen: 7.67 ug/mL
RT: 8.15 min Scan# 409
Delta R.T. 0.01 min
Lab File: BJ000989.D
Acq: 27 Jun 2012 23:17

Tgt Ion:	111	Resp:	802608
Ion	Ratio	Lower	Upper
111	100		
75	35.3	19.3	59.3
127	40.3	18.4	58.4
190	22.7	1.5	41.5

