

Data File : H:\VOL1\GCMSDATA\J\120627\BJ000960.D
 Acq On : 27 Jun 2012 14:32
 Sample : PB63956BS
 Misc : WATER BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Jun 28 10:46 2012

Vial: 4
 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	4.67	152	191197	2.00	ug/mL	-0.01
6) Naphthalene-d8	5.97	136	802231	2.00	ug/mL	-0.01

System Monitoring Compounds

10) Tripropylphosphate	7.02	99	156078	0.50	ug/mL	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	100.00%
12) 2-Bromothioanisole	7.26	204	260048	4.75	ug/mL	-0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%

Target Compounds

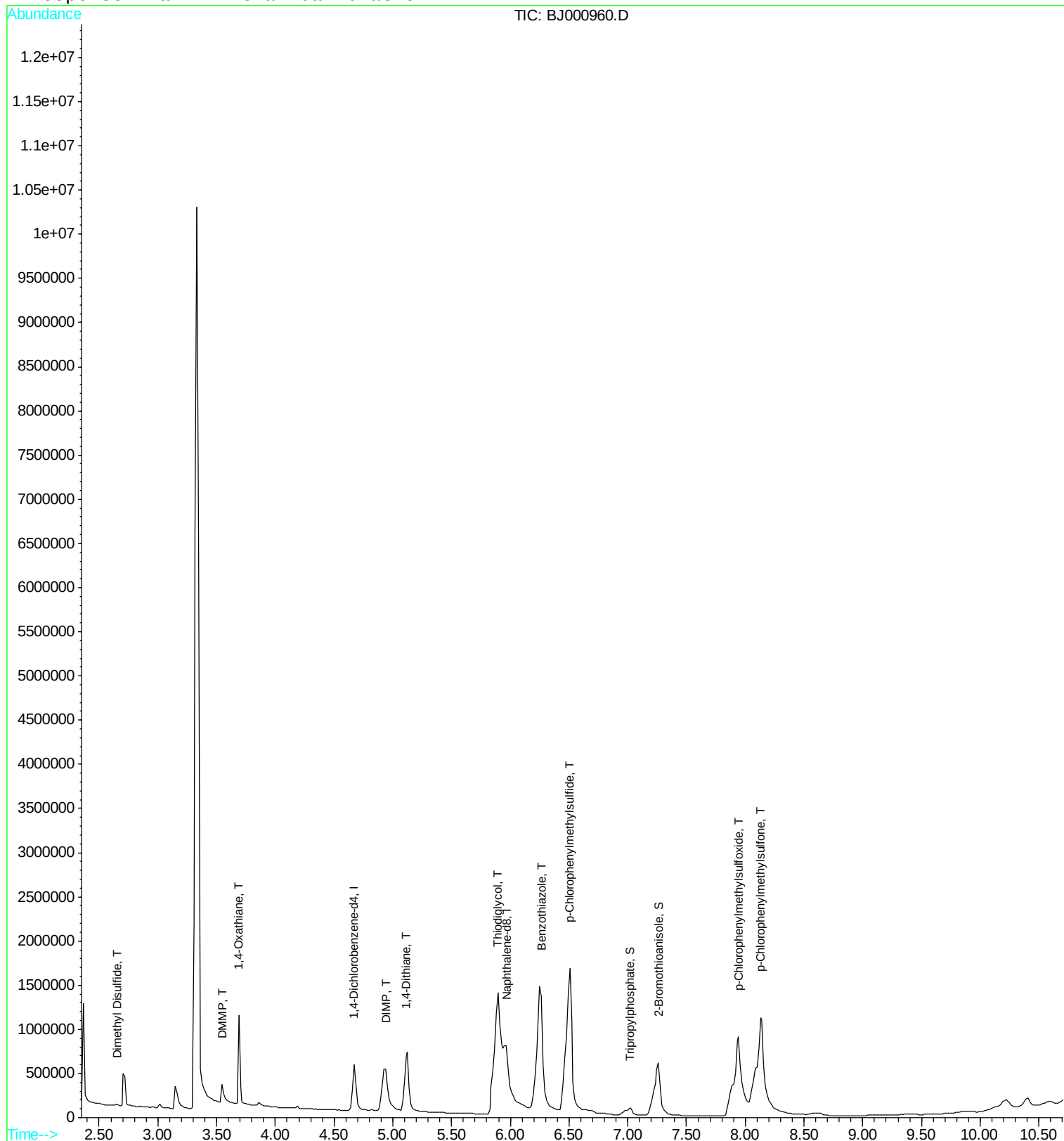
	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dimethyl Disulfide	2.65	94	7775	0.12	ug/mL	91
3) DMMP	3.55	79	139083	1.95	ug/mL	91
4) DIMP	4.94	97	670651	4.10	ug/mL#	89
5) 1,4-Oxathiane	3.69	46	348039	5.45	ug/mL	86
7) 1,4-Dithiane	5.11	46	262739	4.60	ug/mL	89
8) Thiodiglycol	5.89	61	1645741	34.33	ug/mL	99
9) Benzothiazole	6.26	135	2126514	9.65	ug/mL	92
11) p-Chlorophenylmethyldisulfide	6.51	158	1234404	8.92	ug/mL	95
13) p-Chlorophenylmethyldisulfox	7.94	159	945658	11.31	ug/mL	97
14) p-Chlorophenylmethyldisulfon	8.13	111	1031042	8.83	ug/mL	98

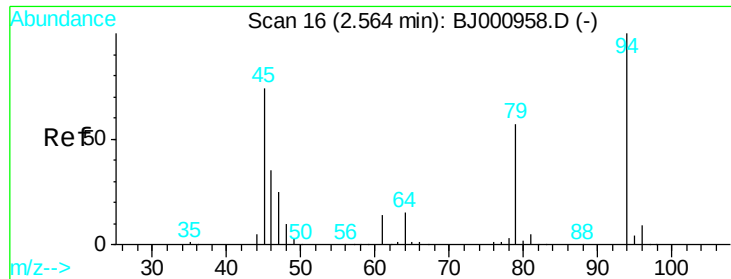
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Last Update : Thu Jun 28 10:45:59 2012
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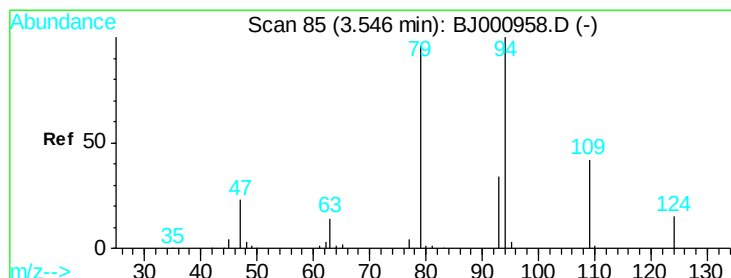
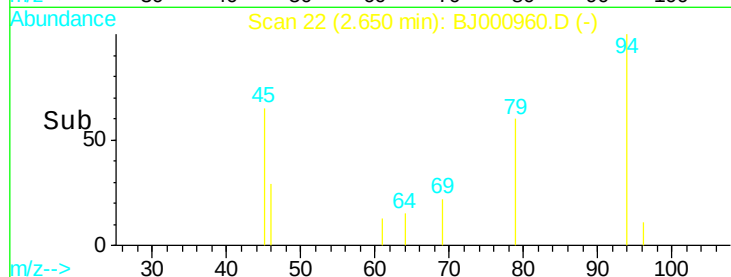
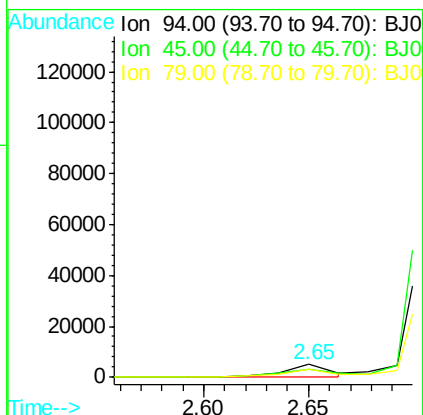
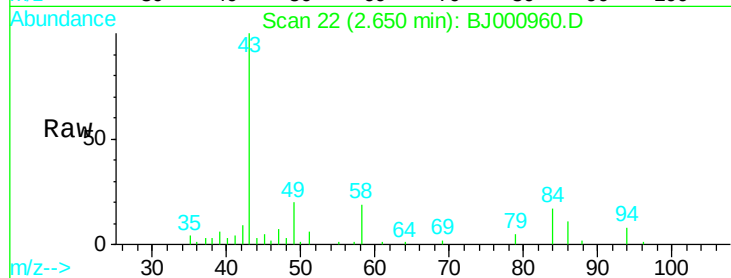




#2
 Dimethyl Disulfide
 Concen: 0.12 ug/mL
 RT: 2.65 min Scan# 22
 Delta R.T. 0.09 min
 Lab File: BJ000960.D
 Acq: 27 Jun 2012 14:32

Tgt Ion: 94 Resp: 7775

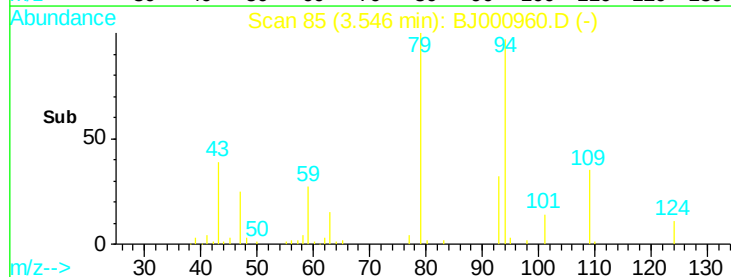
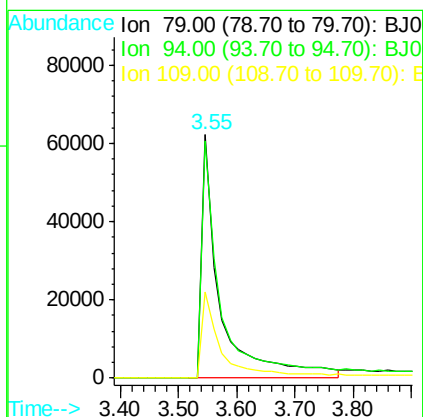
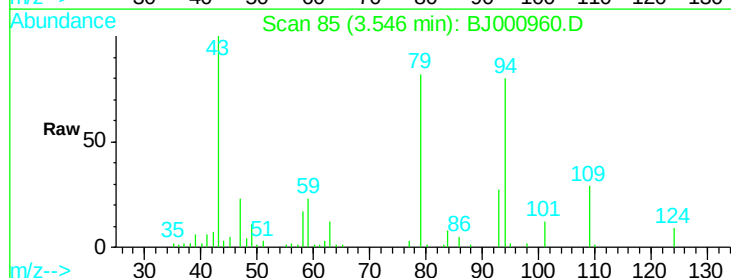
Ion	Ratio	Lower	Upper
94	100		
45	64.8	55.3	95.3
79	60.3	37.3	77.3

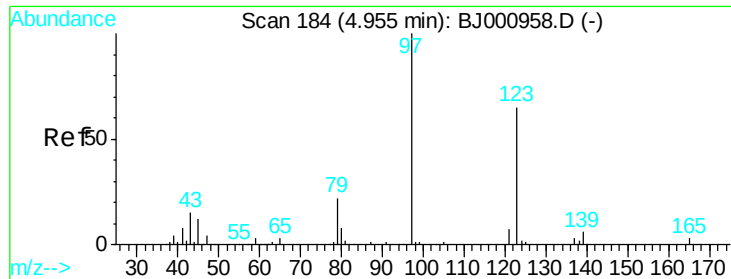


#3
 DMMP
 Concen: 1.95 ug/mL
 RT: 3.55 min Scan# 85
 Delta R.T. 0.00 min
 Lab File: BJ000960.D
 Acq: 27 Jun 2012 14:32

Tgt Ion: 79 Resp: 139083

Ion	Ratio	Lower	Upper
79	100		
94	97.4	84.5	124.5
109	35.2	23.4	63.4





#4

DIMP

Concen: 4.10 ug/mL

RT: 4.94 min Scan# 183

Delta R.T. -0.01 min

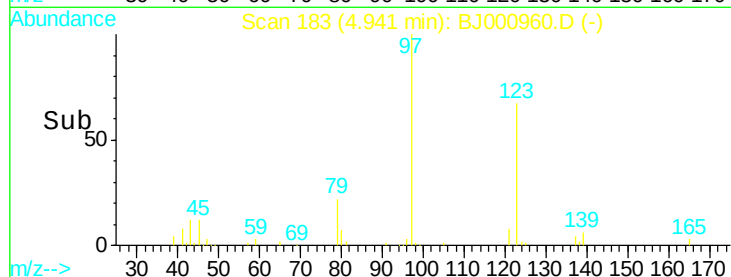
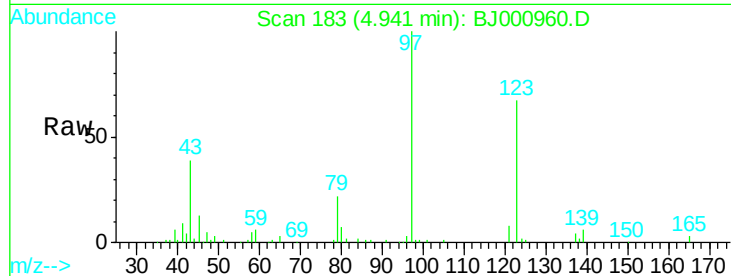
Lab File: BJ000960.D

Acq: 27 Jun 2012 14:32

Tgt Ion: 97 Resp: 670651

Ion Ratio Lower Upper

97	100		
123	66.6	45.3	85.3
43	38.7	0.0	35.5
41	9.2	0.0	27.9



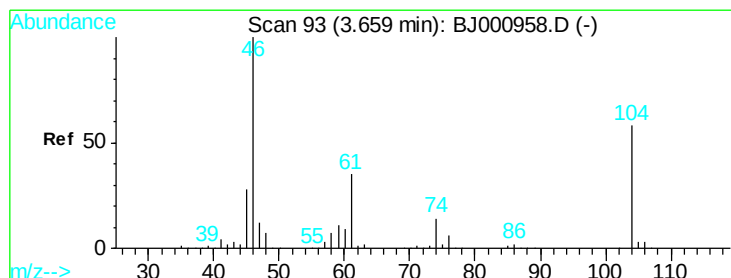
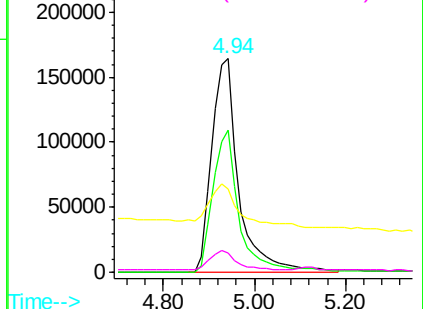
Abundance

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: 5.45 ug/mL

RT: 3.69 min Scan# 95

Delta R.T. 0.03 min

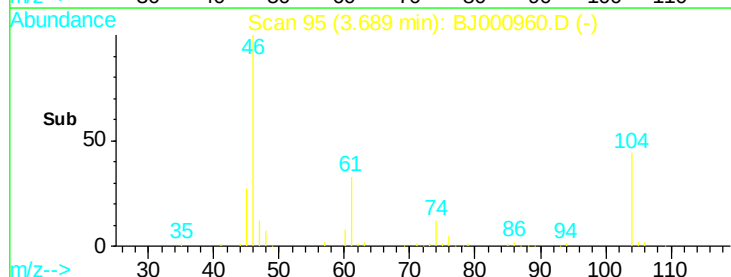
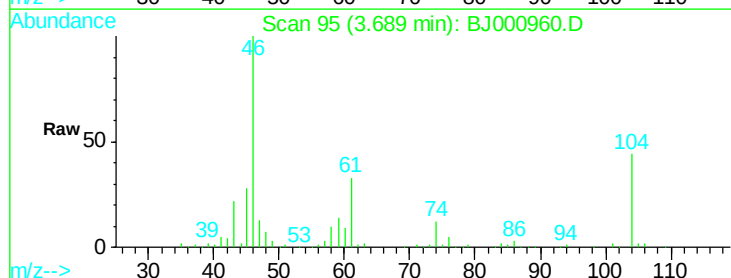
Lab File: BJ000960.D

Acq: 27 Jun 2012 14:32

Tgt Ion: 46 Resp: 348039

Ion Ratio Lower Upper

46	100		
61	32.8	15.3	55.3
104	43.8	38.4	78.4

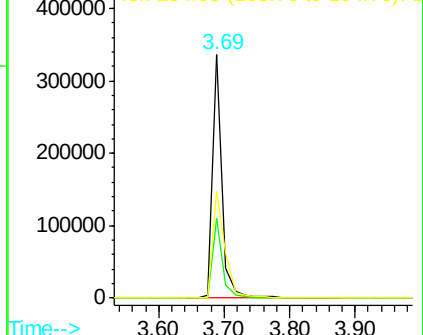


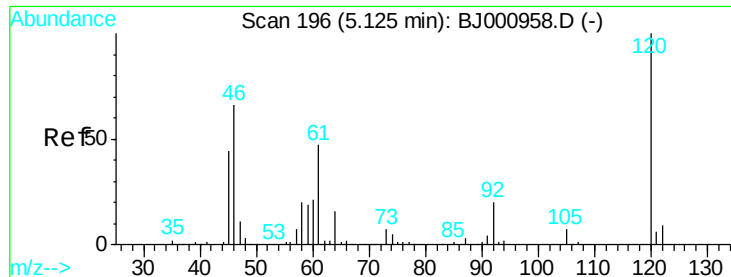
Abundance

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





#7

1,4-Dithiane

Concen: 4.60 ug/mL

RT: 5.11 min Scan# 195

Delta R.T. -0.01 min

Lab File: BJ000960.D

Acq: 27 Jun 2012 14:32

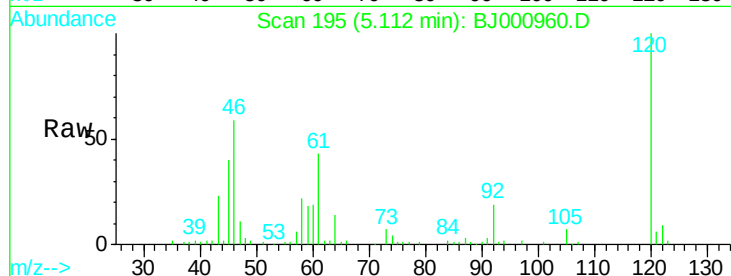
Tgt Ion: 46 Resp: 262739

Ion Ratio Lower Upper

46 100

61 72.9 50.6 90.6

120 169.8 131.1 171.1

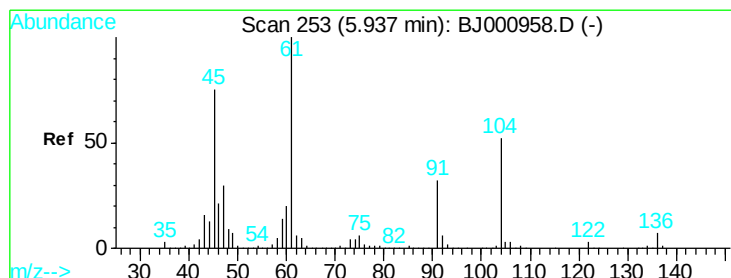
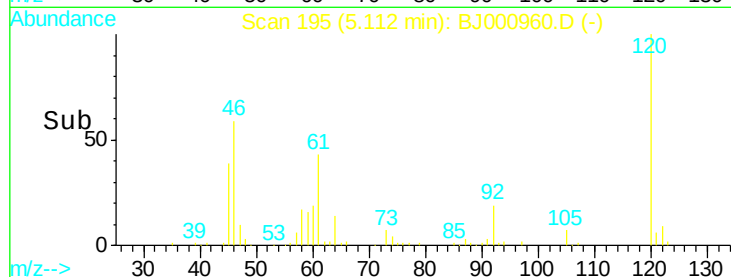
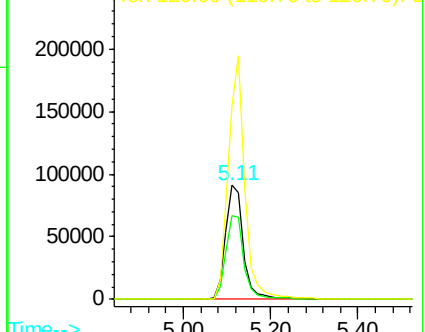


Abundance

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: 34.33 ug/mL

RT: 5.89 min Scan# 250

Delta R.T. -0.04 min

Lab File: BJ000960.D

Acq: 27 Jun 2012 14:32

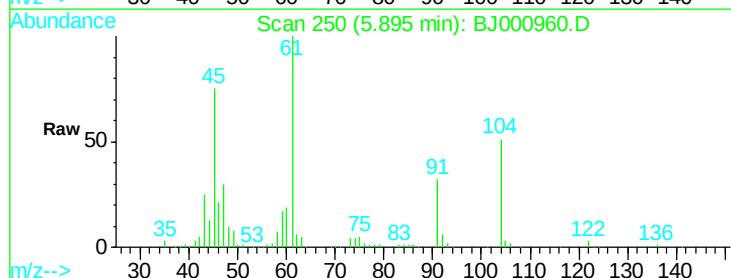
Tgt Ion: 61 Resp: 1645741

Ion Ratio Lower Upper

61 100

45 74.6 55.5 95.5

47 30.0 10.4 50.4

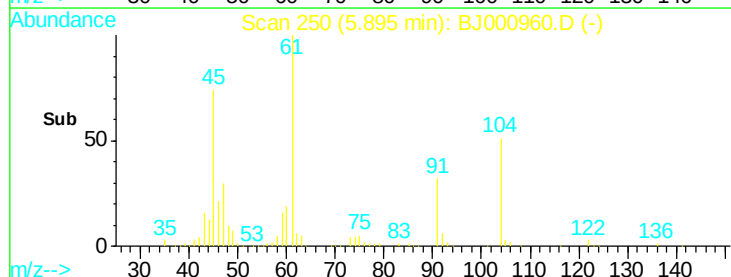
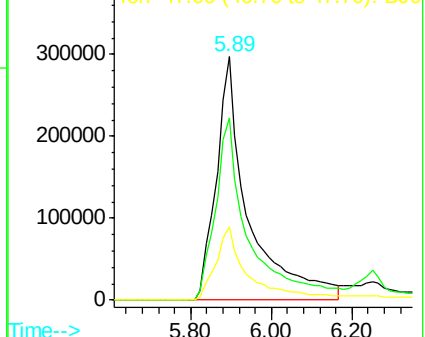


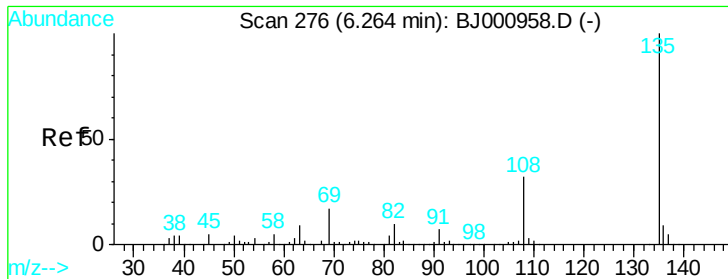
Abundance

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: 9.65 ug/mL

RT: 6.26 min Scan# 276

Delta R.T. 0.00 min

Lab File: BJ000960.D

Acq: 27 Jun 2012 14:32

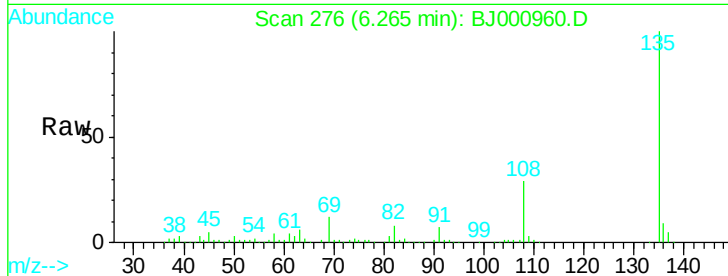
Tgt Ion:135 Resp: 2126514

Ion Ratio Lower Upper

135 100

108 29.0 12.4 52.4

69 12.2 0.0 36.7

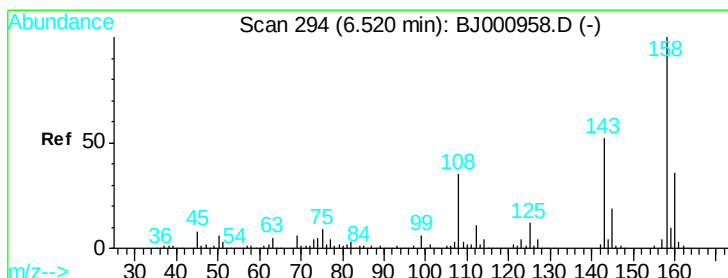
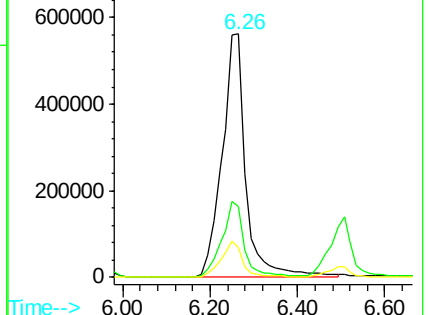
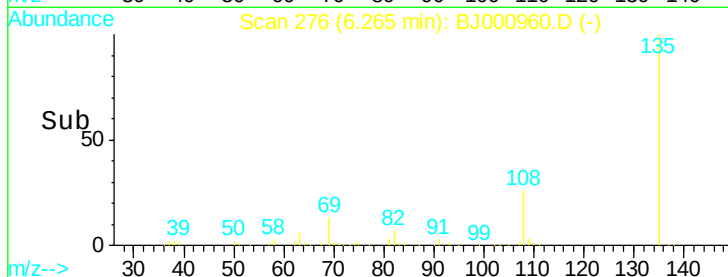


Abundance

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: 8.92 ug/mL

RT: 6.51 min Scan# 293

Delta R.T. -0.01 min

Lab File: BJ000960.D

Acq: 27 Jun 2012 14:32

Tgt Ion:158 Resp: 1234404

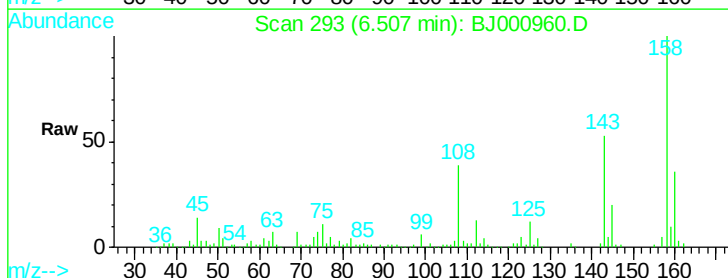
Ion Ratio Lower Upper

158 100

143 53.3 31.9 71.9

108 39.5 15.8 55.8

45 14.0 0.0 29.2



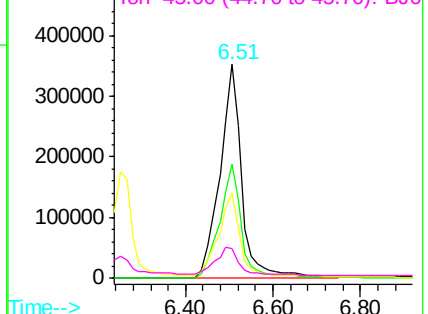
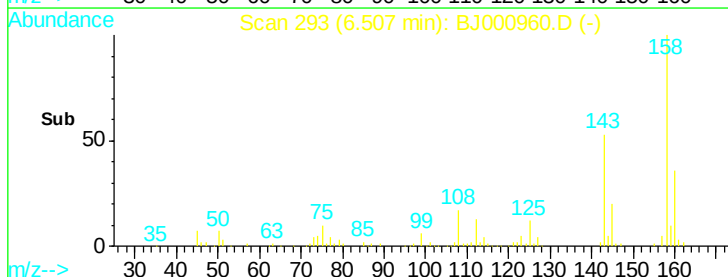
Abundance

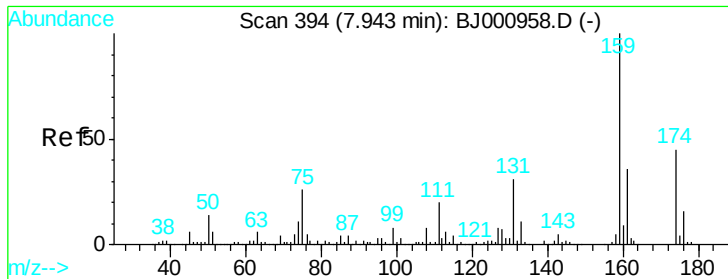
Ion 158.00 (157.70 to 158.70): E

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: 11.31 ug/mL

RT: 7.94 min Scan# 394

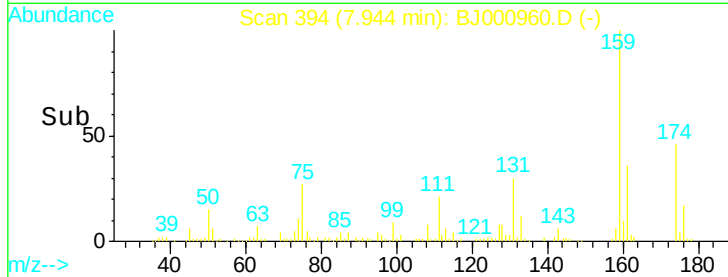
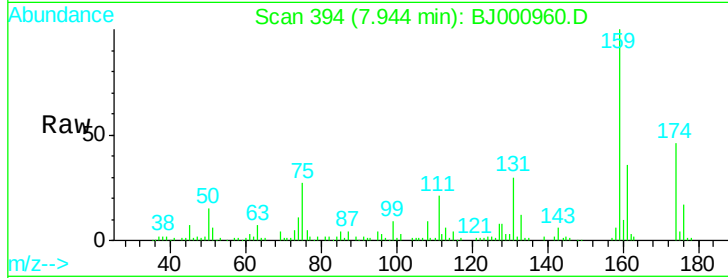
Delta R.T. 0.00 min

Lab File: BJ000960.D

Acq: 27 Jun 2012 14:32

Tgt Ion:159 Resp: 945658

Ion	Ratio	Lower	Upper
159	100		
174	44.3	26.0	66.0
108	8.0	0.0	28.6
50	15.3	0.0	37.3



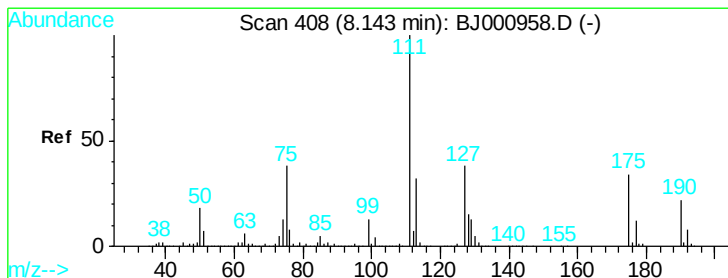
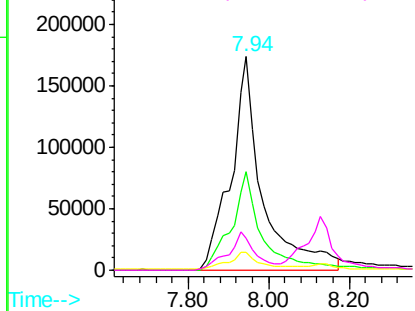
Abundance

Ion 159.00 (158.70 to 159.70): E

Ion 174.00 (173.70 to 174.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 50.00 (49.70 to 50.70): BJ0



#14

p-Chlorophenylmethylsulfone

Concen: 8.83 ug/mL

RT: 8.13 min Scan# 407

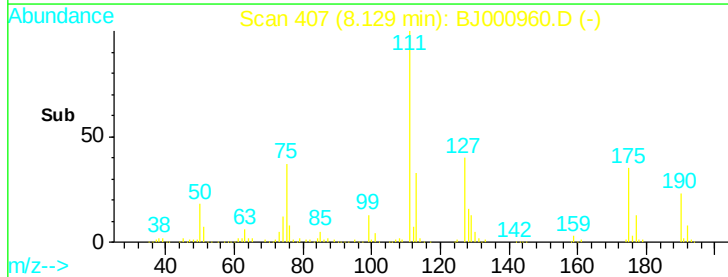
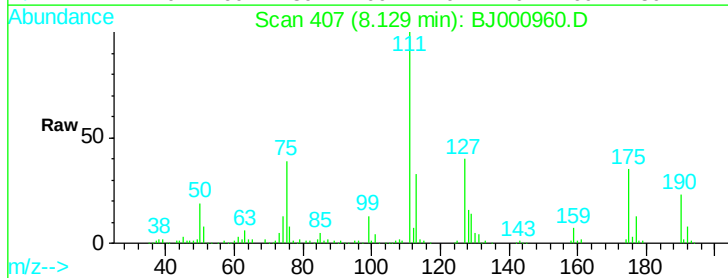
Delta R.T. -0.01 min

Lab File: BJ000960.D

Acq: 27 Jun 2012 14:32

Tgt Ion:111 Resp: 1031042

Ion	Ratio	Lower	Upper
111	100		
75	39.0	19.3	59.3
127	39.7	18.4	58.4
190	22.9	1.5	41.5



Abundance

Ion 111.00 (110.70 to 111.70): E

Ion 75.00 (74.70 to 75.70): BJ0

Ion 127.00 (126.70 to 127.70): E

Ion 190.00 (189.70 to 190.70): E

