

Data File : H:\VOL1\GCMSDATA\J\120627\BJ000974.D
 Acq On : 27 Jun 2012 18:45
 Sample : D3152-13
 Misc : WATER BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Jun 28 10:47 2012

Vial: 18
 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	156951	2.00	ug/mL	0.00
6) Naphthalene-d8	5.97	136	675887	2.00	ug/mL	0.00

System Monitoring Compounds

10) Tripropylphosphate	7.04	99	133963	0.51	ug/mL	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	102.00%
12) 2-Bromothioanisole	7.27	204	185967	4.03	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.60%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dimethyl Disulfide	2.62	94	894	0.02	ug/mL#	1
3) DMMP	3.54	79	10338	0.21	ug/mL#	8
4) DIMP	5.02	97	157224	1.17	ug/mL#	77
5) 1,4-Oxathiane	3.67	46	42917	0.82	ug/mL	84
7) 1,4-Dithiane	5.13	46	24238	0.50	ug/mL#	67
8) Thiodiglycol	5.89	61	5532	1.58	ug/mL#	1
9) Benzothiazole	6.29	135	4232	0.02	ug/mL#	1
13) p-Chlorophenylmethylox	7.94	159	1448	0.06	ug/mL#	1
14) p-Chlorophenylmethylox	8.12	111	10423	0.11	ug/mL	81

Quantitation Report

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Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Jun 28 10:47 2012

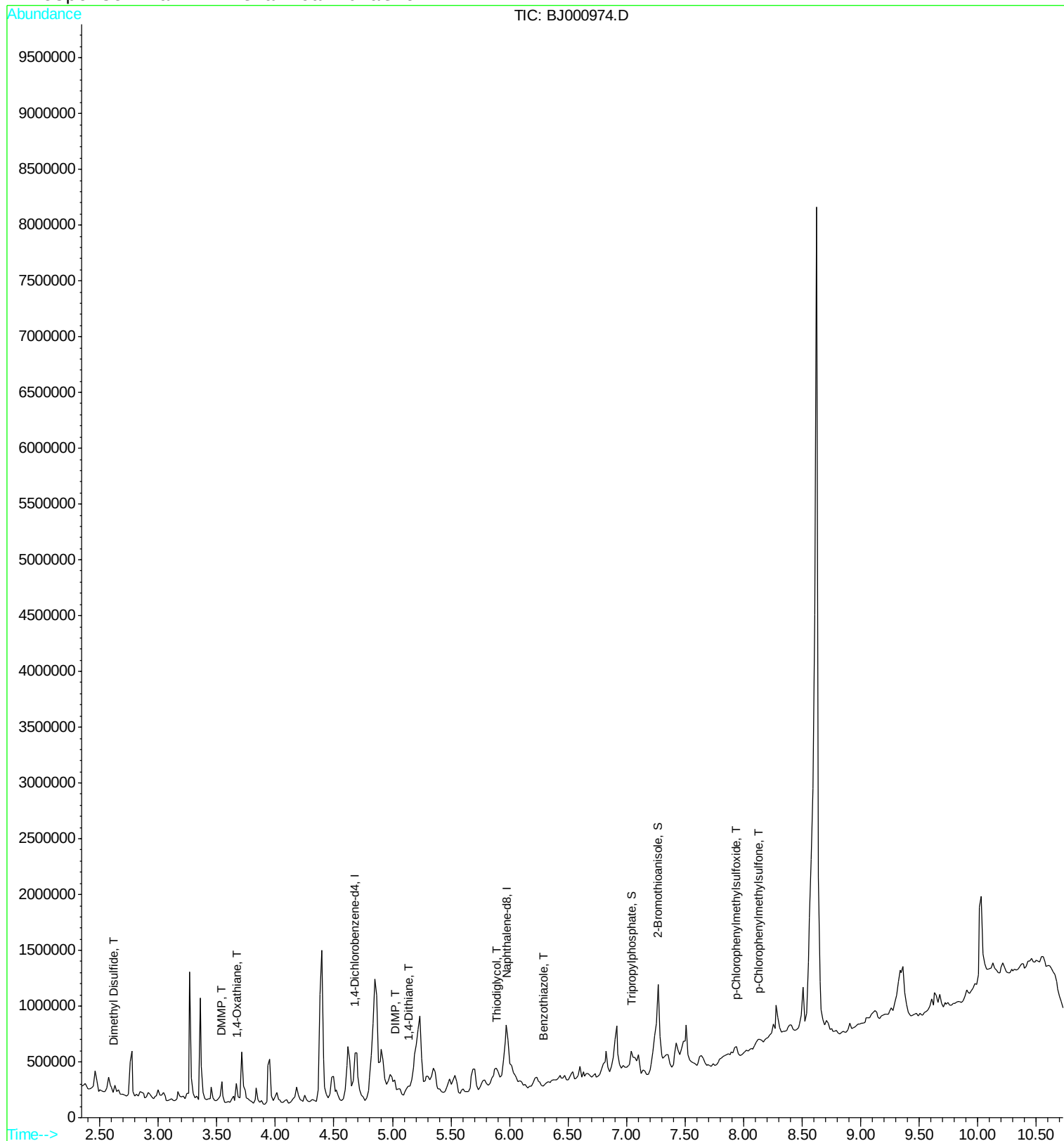
Quant Results File: BJ060812.RES

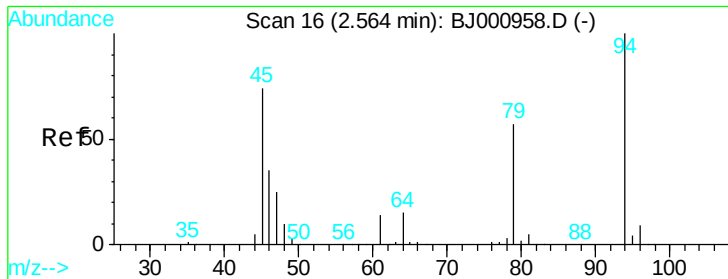
Method : H:\VOL1\GCMSDATA\J\METHODS\BJ060812.M (RTE Integrator)

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#2

Dimethyl Disulfide

Concen: 0.02 ug/mL

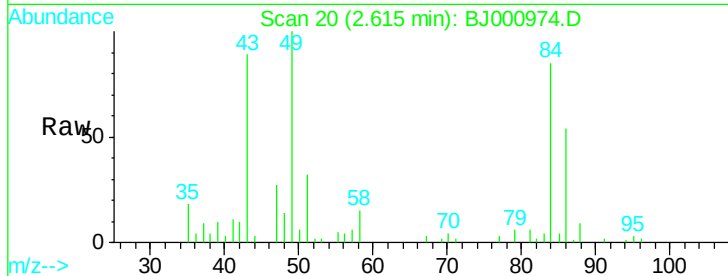
RT: 2.62 min Scan# 20

Delta R.T. 0.05 min

Lab File: BJ000974.D

Acq: 27 Jun 2012 18:45

Tgt Ion:	94	Resp:	894
Ion	Ratio	Lower	Upper
94	100		
45	0.0	55.3	95.3#
79	429.9	37.3	77.3#

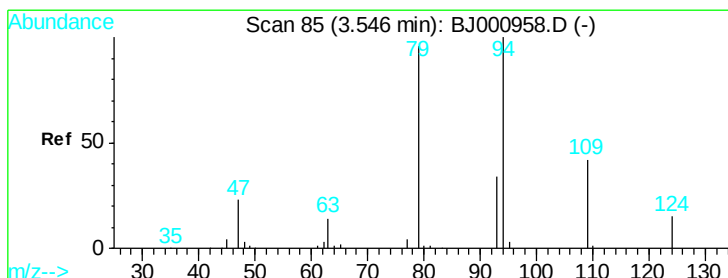
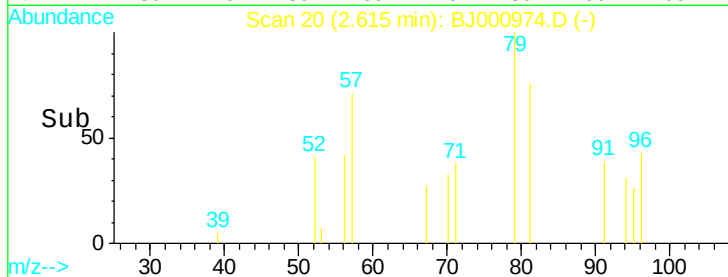
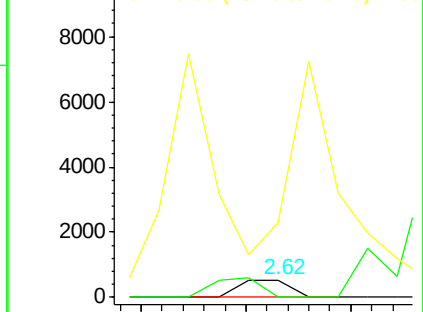


Abundance

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: 0.21 ug/mL

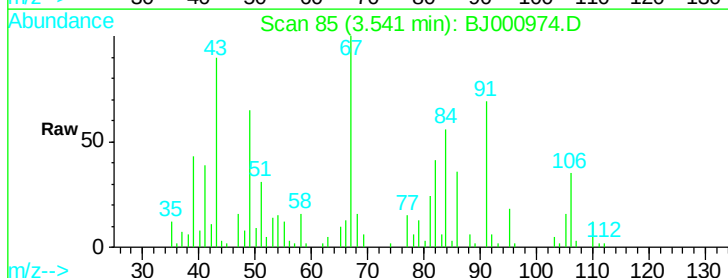
RT: 3.54 min Scan# 85

Delta R.T. -0.01 min

Lab File: BJ000974.D

Acq: 27 Jun 2012 18:45

Tgt Ion:	79	Resp:	10338
Ion	Ratio	Lower	Upper
79	100		
94	0.0	84.5	124.5#
109	0.0	23.4	63.4#

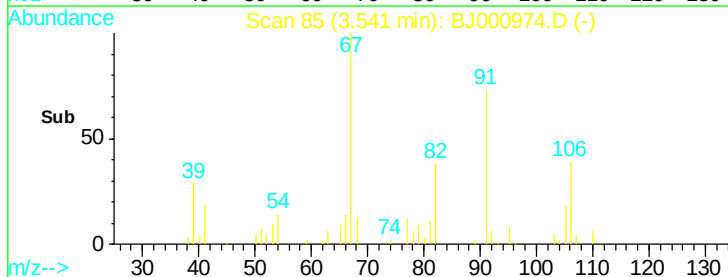
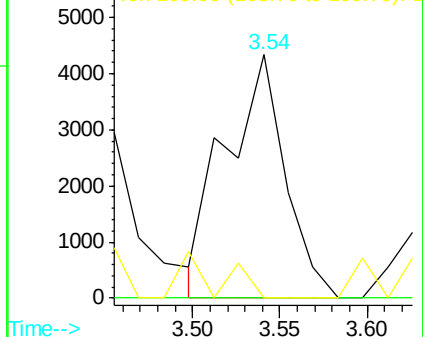


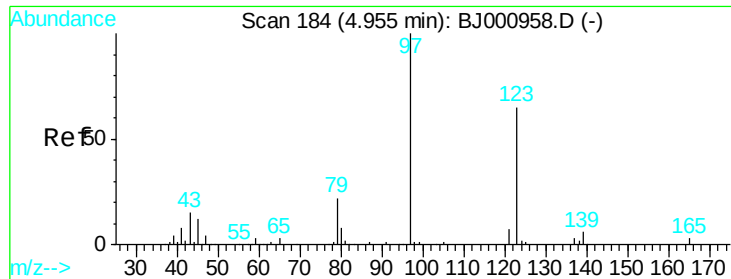
Abundance

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: 1.17 ug/mL

RT: 5.02 min Scan# 189

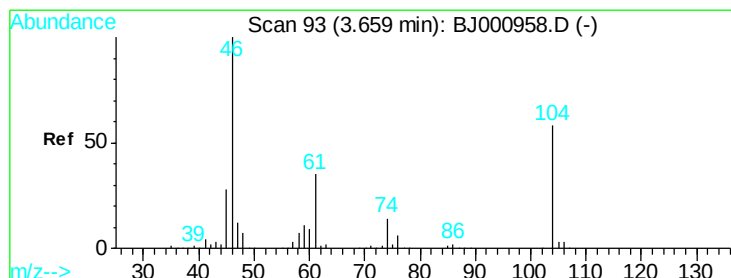
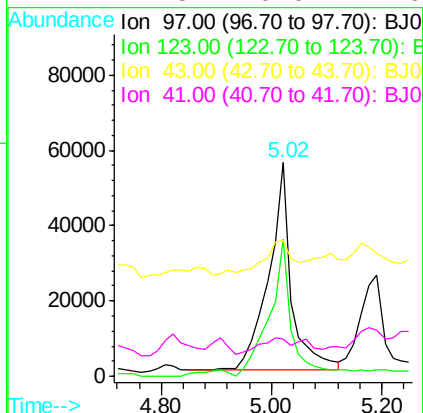
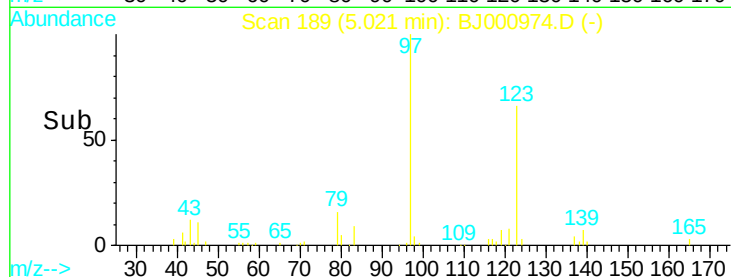
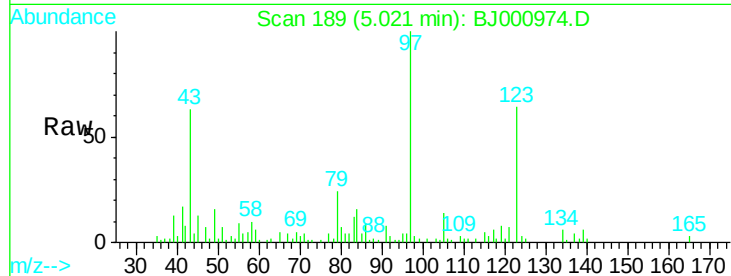
Delta R.T. 0.07 min

Lab File: BJ000974.D

Acq: 27 Jun 2012 18:45

Tgt Ion: 97 Resp: 157224

Ion	Ratio	Lower	Upper
97	100		
123	64.0	45.3	85.3
43	63.3	0.0	35.5
41	17.3	0.0	27.9



#5

1,4-Oxathiane

Concen: 0.82 ug/mL

RT: 3.67 min Scan# 94

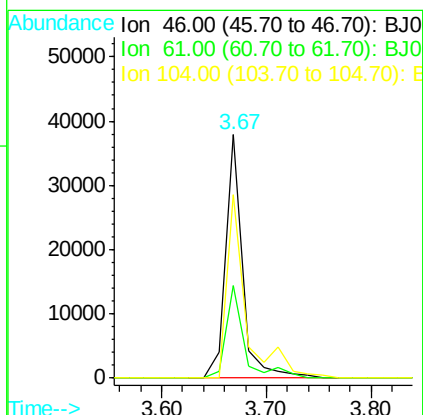
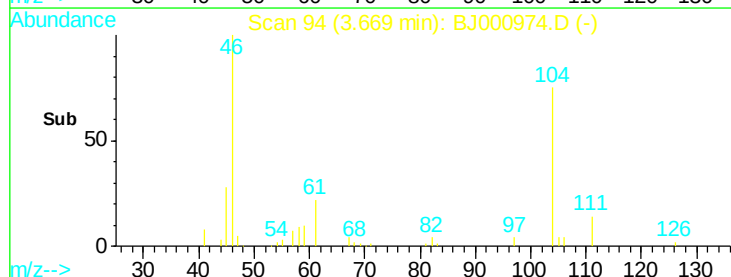
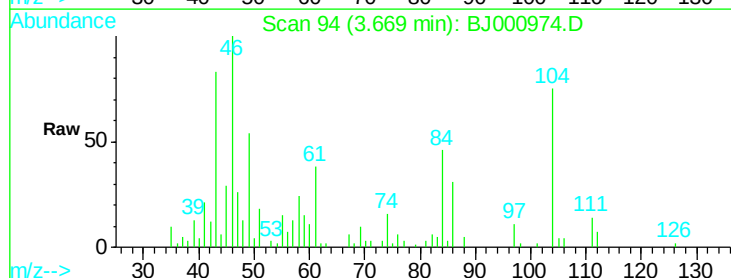
Delta R.T. 0.01 min

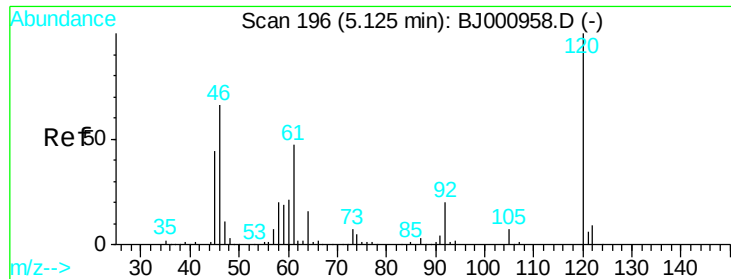
Lab File: BJ000974.D

Acq: 27 Jun 2012 18:45

Tgt Ion: 46 Resp: 42917

Ion	Ratio	Lower	Upper
46	100		
61	38.0	15.3	55.3
104	75.4	38.4	78.4





#7

1,4-Dithiane

Concen: 0.50 ug/mL

RT: 5.13 min Scan# 197

Delta R.T. 0.01 min

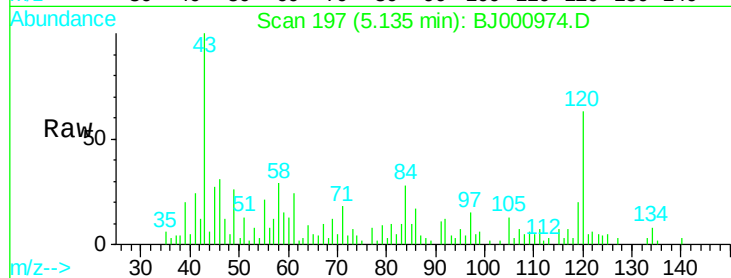
Lab File: BJ000974.D

Acq: 27 Jun 2012 18:45

Tgt Ion: 46 Resp: 24238

Ion Ratio Lower Upper

46	100		
61	79.0	50.6	90.6
120	205.9	131.1	171.1#

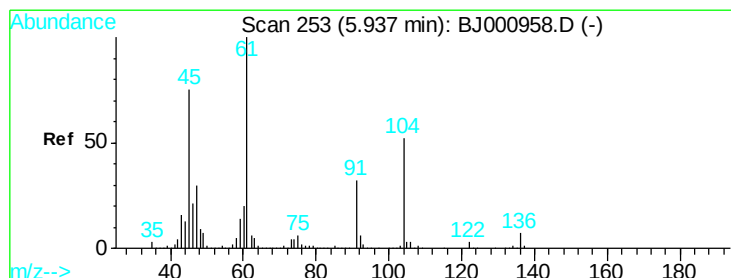
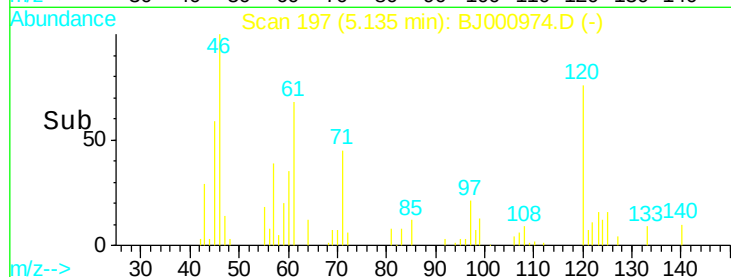
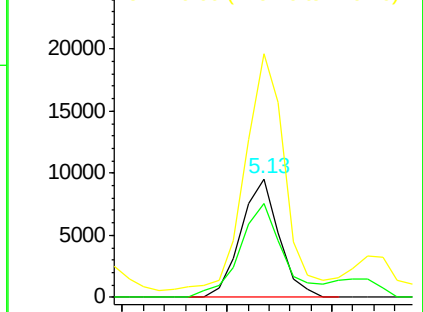


Abundance

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: 1.58 ug/mL

RT: 5.89 min Scan# 250

Delta R.T. -0.05 min

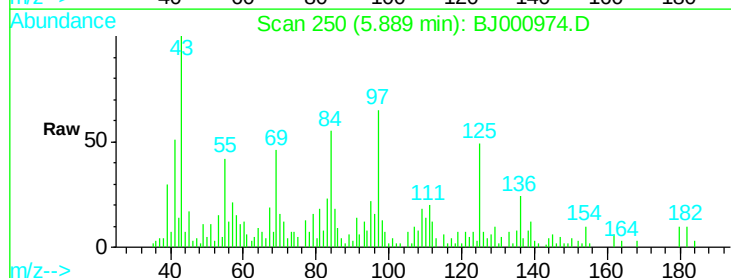
Lab File: BJ000974.D

Acq: 27 Jun 2012 18:45

Tgt Ion: 61 Resp: 5532

Ion Ratio Lower Upper

61	100		
45	301.3	55.5	95.5#
47	67.7	10.4	50.4#

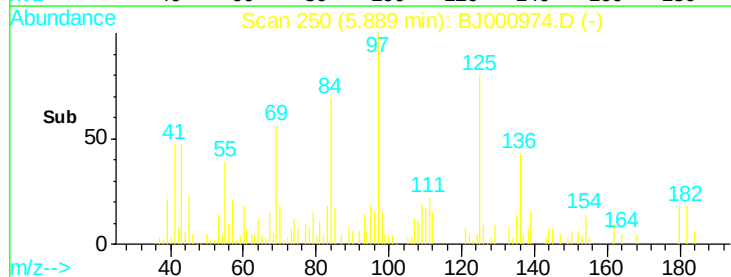
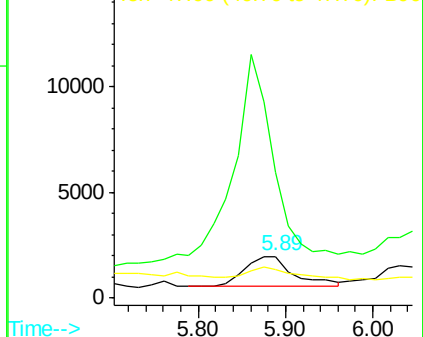


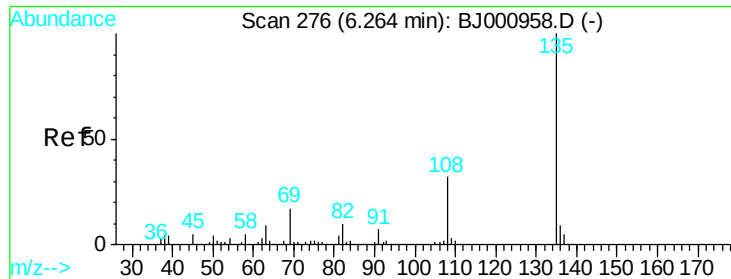
Abundance

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: 0.02 ug/mL

RT: 6.29 min Scan# 278

Delta R.T. 0.02 min

Lab File: BJ000974.D

Acq: 27 Jun 2012 18:45

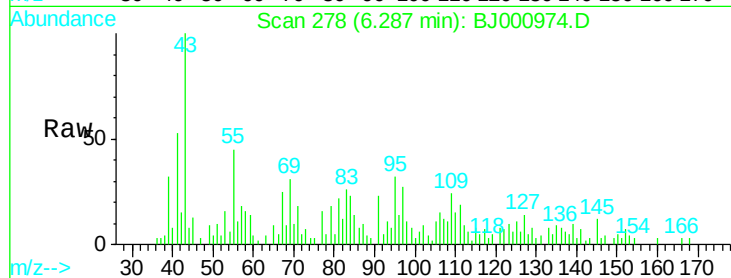
Tgt Ion:135 Resp: 4232

Ion Ratio Lower Upper

135 100

108 121.3 12.4 52.4#

69 336.3 0.0 36.7#

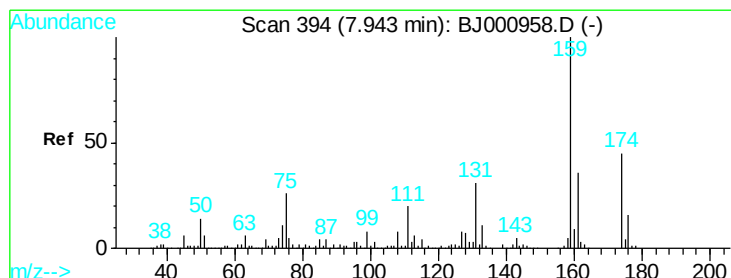
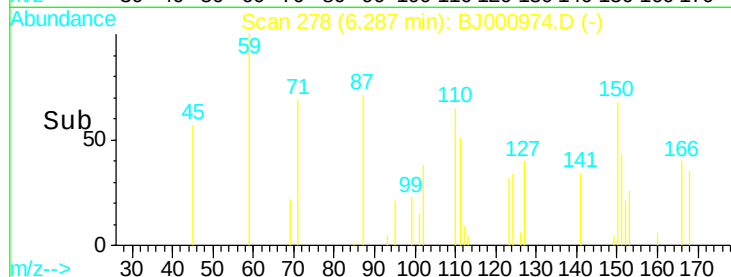
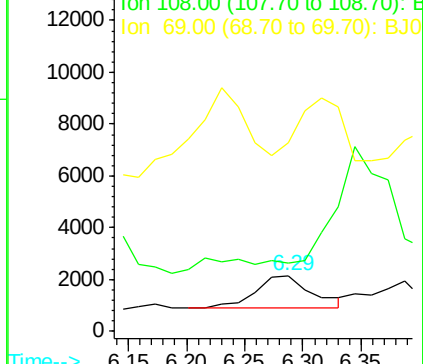


Abundance

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: 0.06 ug/mL

RT: 7.94 min Scan# 394

Delta R.T. -0.01 min

Lab File: BJ000974.D

Acq: 27 Jun 2012 18:45

Tgt Ion:159 Resp: 1448

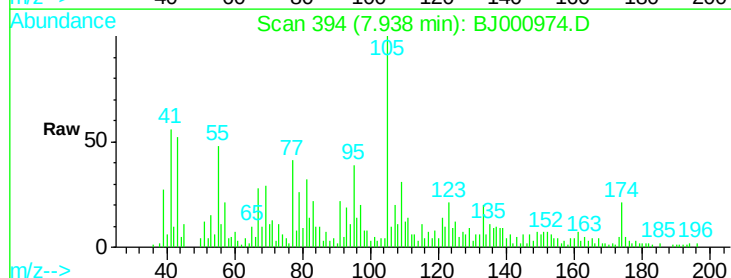
Ion Ratio Lower Upper

159 100

174 1131.1 26.0 66.0#

108 628.5 0.0 28.6#

50 223.6 0.0 37.3#



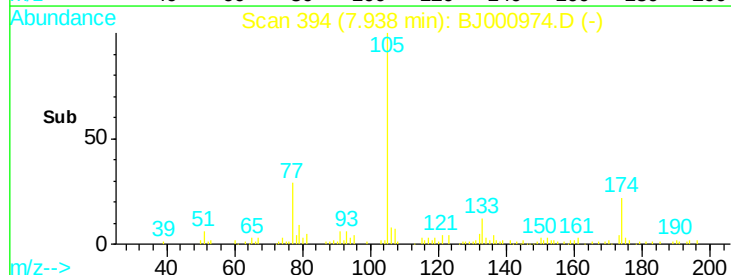
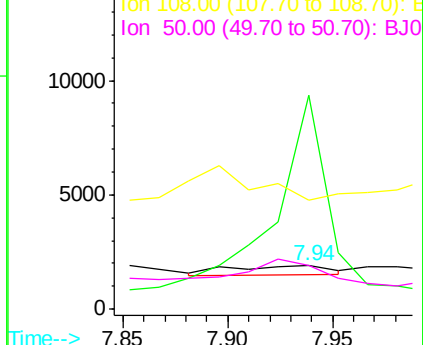
Abundance

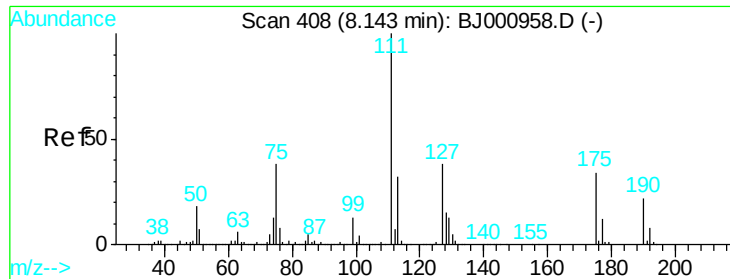
Ion 159.00 (158.70 to 159.70): E

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: 0.11 ug/mL
 RT: 8.12 min Scan# 407
 Delta R.T. -0.02 min
 Lab File: BJ000974.D
 Acq: 27 Jun 2012 18:45

Tgt Ion:	111	Resp:	10423
Ion	Ratio	Lower	Upper
111	100		
75	22.0	19.3	59.3
127	40.7	18.4	58.4
190	7.9	1.5	41.5

