

Data File : H:\VOL1\GCMSDATA\J\120427\BJ000844.D
 Acq On : 28 Apr 2012 00:19
 Sample : D2367-02
 Misc : WATER BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Apr 30 10:31 2012

Vial: 23
 Operator: HLM
 Inst : BNA J
 Multiplr: 1.00

Quant Results File: BJ042612.RES

Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ042612.M (RTE Integrator)
 Title : CWA degradation products by GCMS
 Last Update : Mon Apr 30 10:31:38 2012
 Response via : Initial Calibration
 DataAcq Meth : CWAJ

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.74	152	225641	2.00	ug/mL	-0.01
6) Naphthalene-d8	6.05	136	740471	2.00	ug/mL	0.00

System Monitoring Compounds

10) Tripropylphosphate	7.12	99	163873	0.65	ug/mL	0.03
Spiked Amount	0.500	Range	70 - 130	Recovery	=	130.00%
12) 2-Bromothioanisole	7.35	204	180285	3.71	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.20%

Target Compounds

					Ovalue
2) Dimethyl Disulfide	2.71	94	11354	0.14	ug/mL# 67
3) DMMP	3.59	79	22707	0.40	ug/mL# 13
4) DIMP	5.08	97	25708	0.14	ug/mL# 1
5) 1,4-Oxathiane	3.75	46	5666743	70.81	ug/mL# 67
7) 1,4-Dithiane	5.25	46	15672540	320.44	ug/mL 90
8) Thiodiglycol	5.95	61	470679	10.88	ug/mL# 11
9) Benzothiazole	6.34	135	7708	0.04	ug/mL# 1
11) p-Chlorophenylmethyldisulfide	6.56	158	6246	0.05	ug/mL# 1
13) p-Chlorophenylmethyldisulfox	7.97	159	5597	0.08	ug/mL# 1
14) p-Chlorophenylmethyldisulfon	8.21	111	3478	0.03	ug/mL# 72

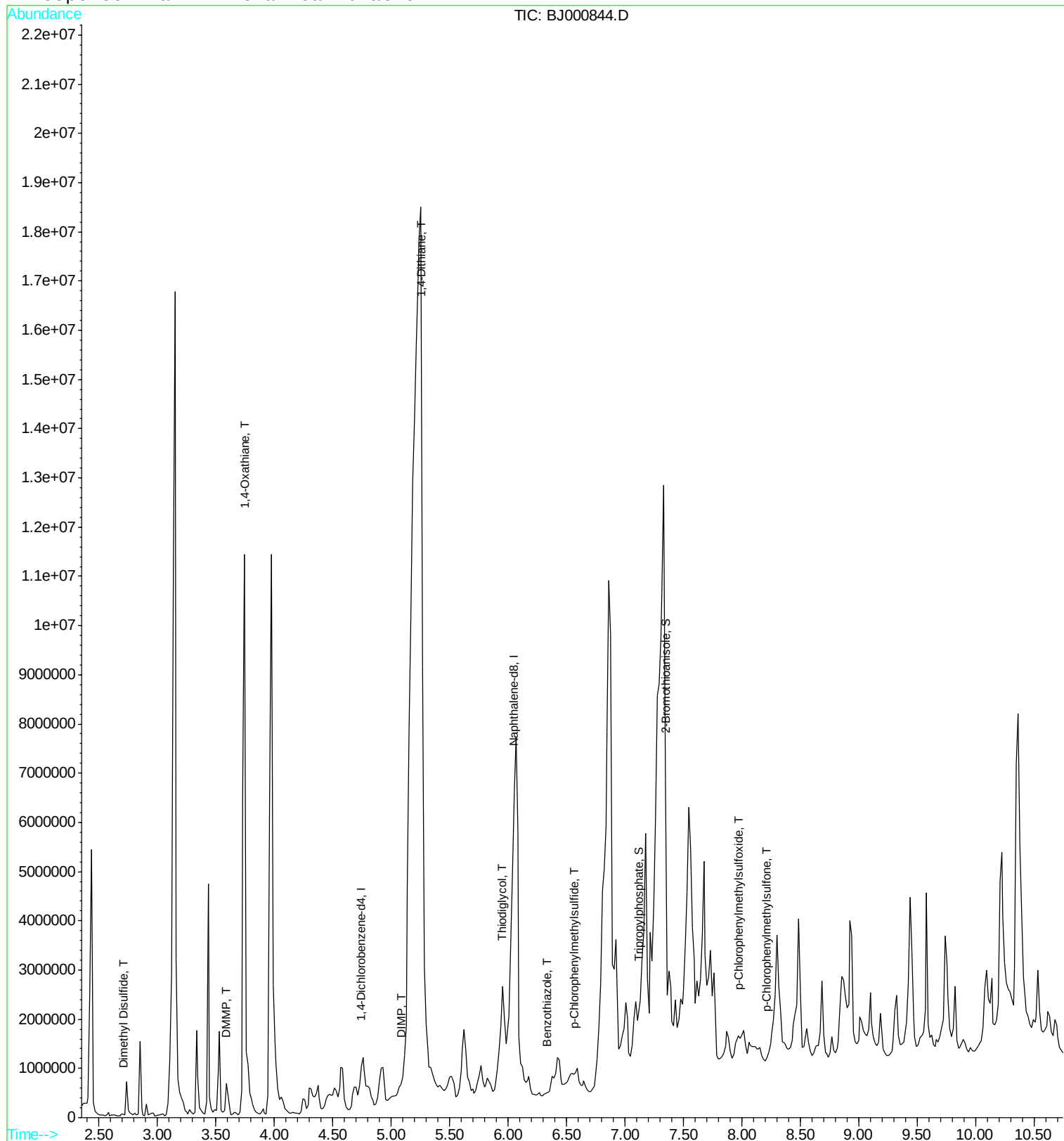
Quantitation Report

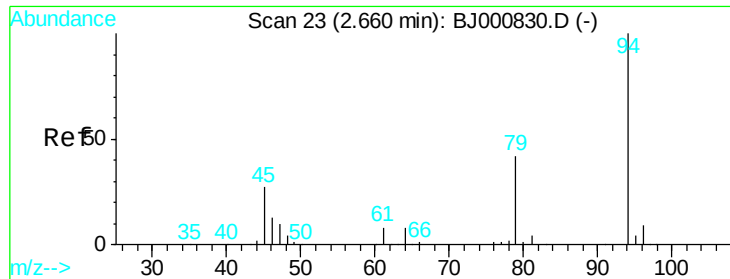
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#2

Dimethyl Disulfide

Concen: 0.14 ug/mL

RT: 2.71 min Scan# 26

Delta R.T. 0.05 min

Lab File: BJ000844.D

Acq: 28 Apr 2012 00:19

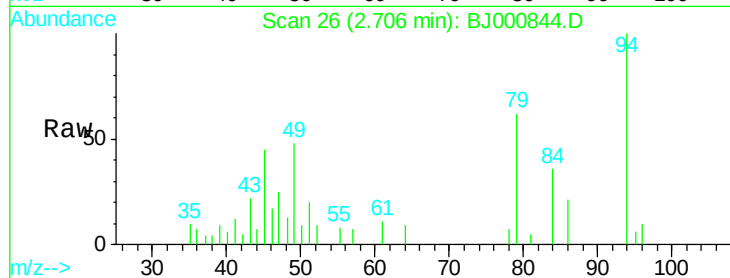
Tgt Ion: 94 Resp: 11354

Ion Ratio Lower Upper

94 100

45 44.8 7.2 47.2

79 62.3 21.6 61.6#

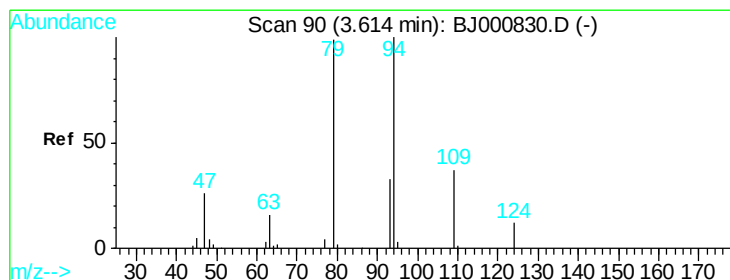
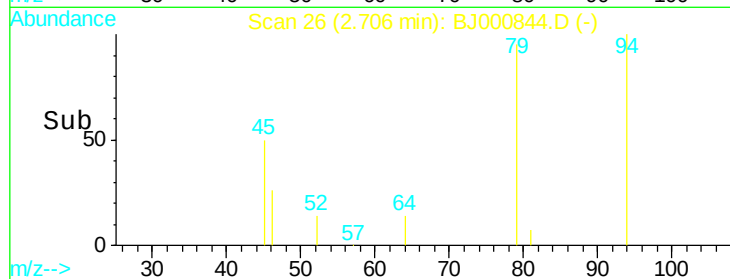
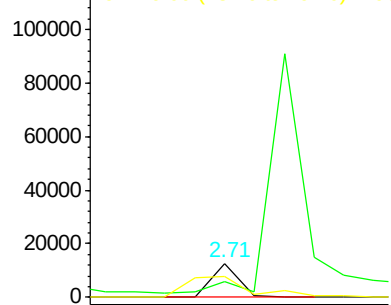


Abundance

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: 0.40 ug/mL

RT: 3.59 min Scan# 88

Delta R.T. -0.03 min

Lab File: BJ000844.D

Acq: 28 Apr 2012 00:19

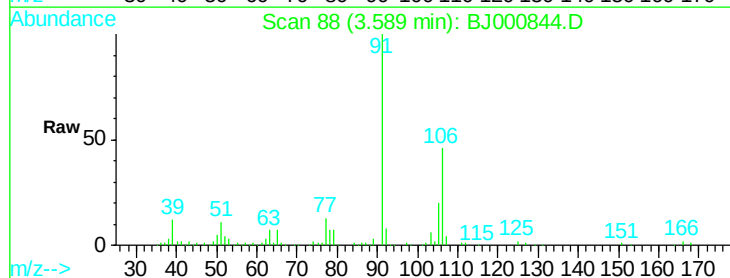
Tgt Ion: 79 Resp: 22707

Ion Ratio Lower Upper

79 100

94 4.6 80.8 120.8#

109 0.0 17.5 57.5#

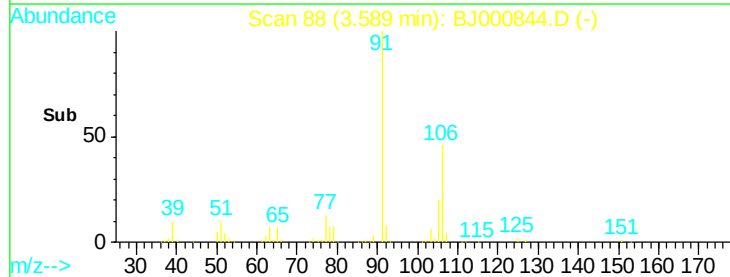
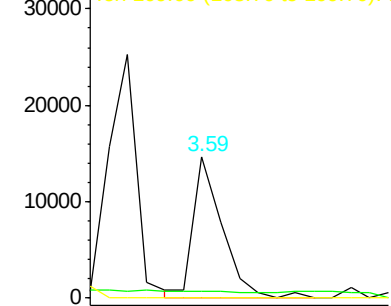


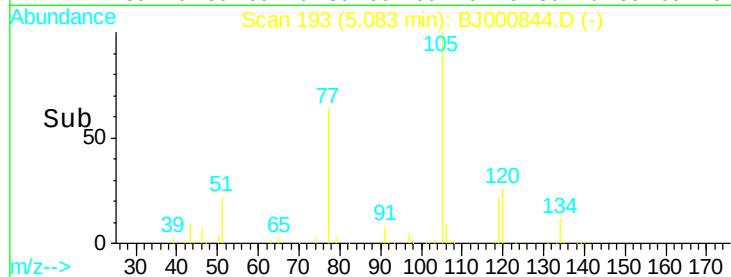
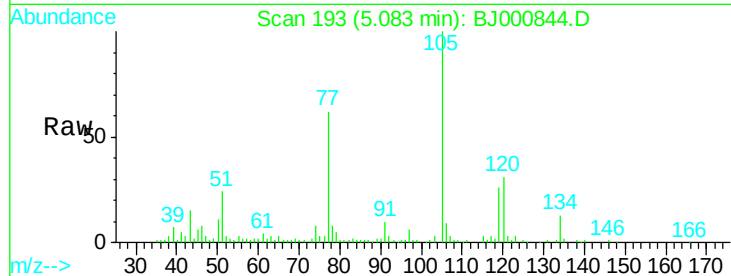
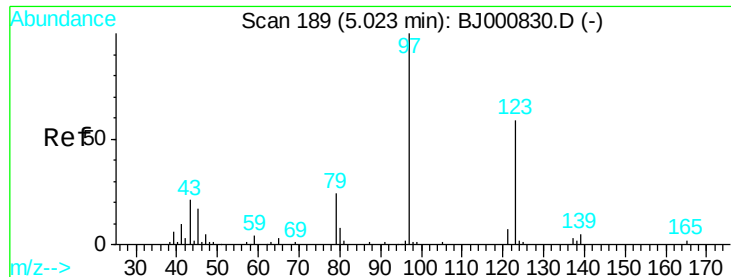
Abundance

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: 0.14 ug/mL

RT: 5.08 min Scan# 193

Delta R.T. 0.06 min

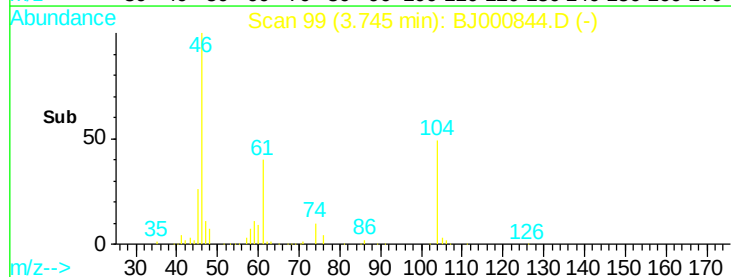
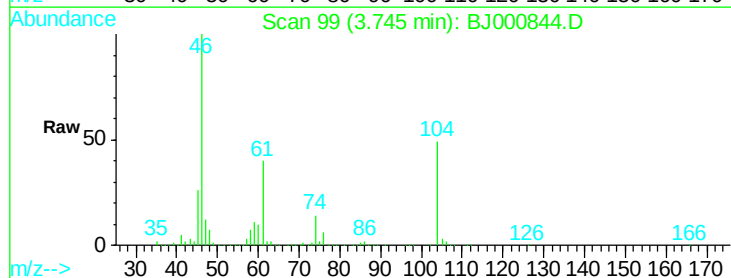
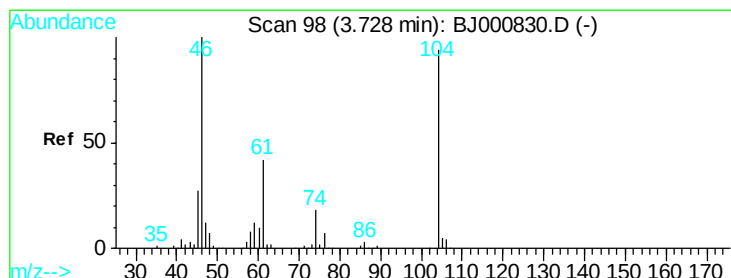
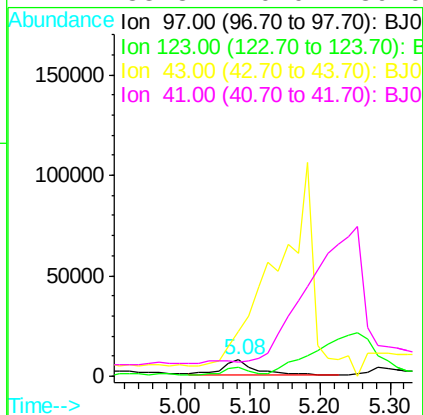
Lab File: BJ000844.D

Acq: 28 Apr 2012 00:19

Tgt Ion: 97 Resp: 25708

Ion Ratio Lower Upper

97	100		
123	56.8	39.1	79.1
43	276.4	0.9	40.9#
41	83.8	0.0	30.0#



#5

1,4-Oxathiane

Concen: 70.81 ug/mL

RT: 3.75 min Scan# 99

Delta R.T. 0.02 min

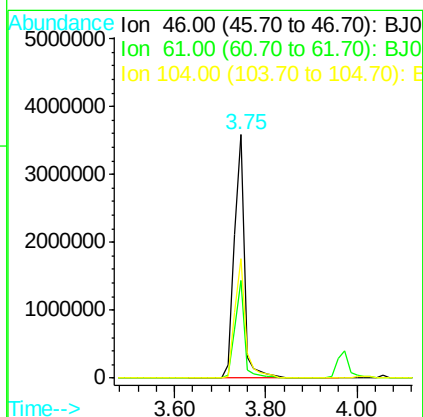
Lab File: BJ000844.D

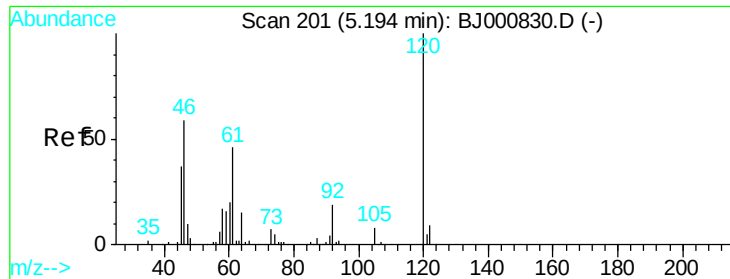
Acq: 28 Apr 2012 00:19

Tgt Ion: 46 Resp: 5666743

Ion Ratio Lower Upper

46	100		
61	40.2	22.0	62.0
104	49.2	73.6	113.6#





#7

1,4-Dithiane

Concen: 320.44 ug/mL

RT: 5.25 min Scan# 205

Delta R.T. 0.06 min

Lab File: BJ000844.D

Acq: 28 Apr 2012 00:19

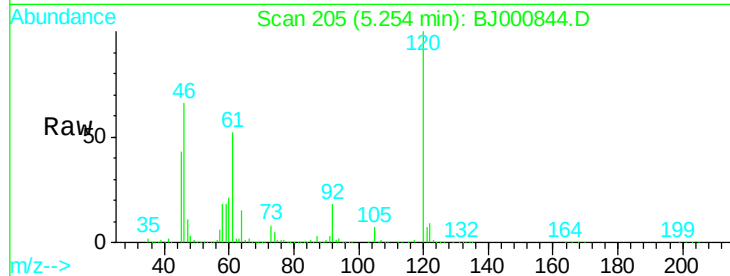
Tgt Ion: 46 Resp:15672540

Ion Ratio Lower Upper

46 100

61 78.4 56.7 96.7

120 150.9 148.6 188.6

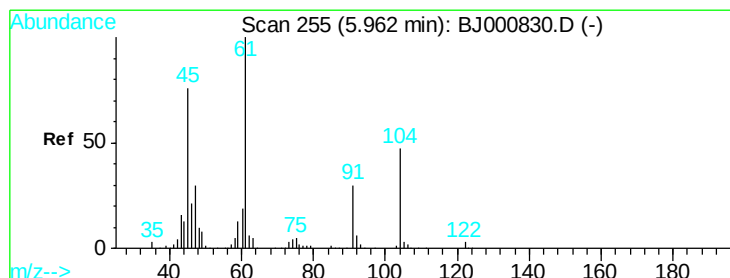
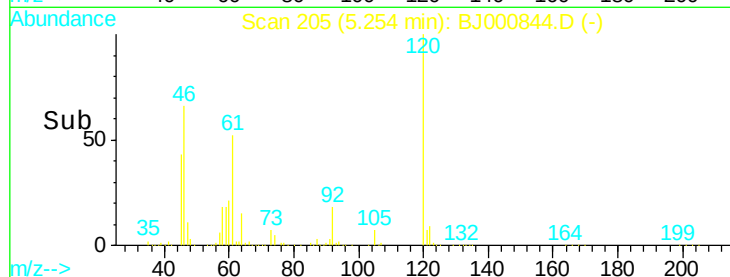
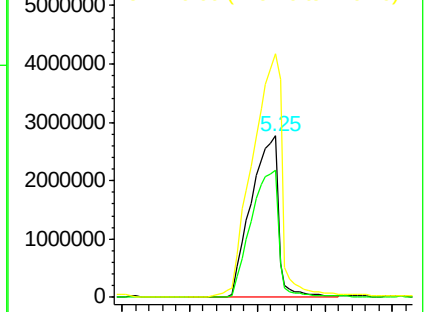


Abundance

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: 10.88 ug/mL

RT: 5.95 min Scan# 254

Delta R.T. -0.01 min

Lab File: BJ000844.D

Acq: 28 Apr 2012 00:19

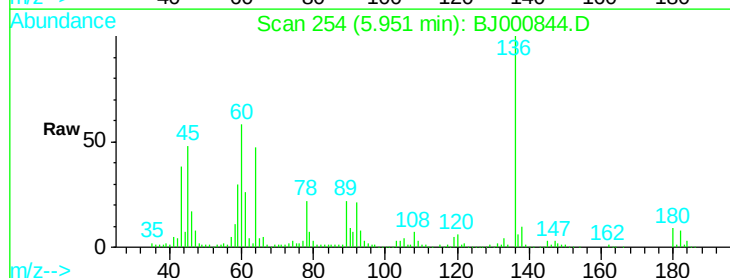
Tgt Ion: 61 Resp: 470679

Ion Ratio Lower Upper

61 100

45 182.6 56.4 96.4#

47 29.6 10.1 50.1

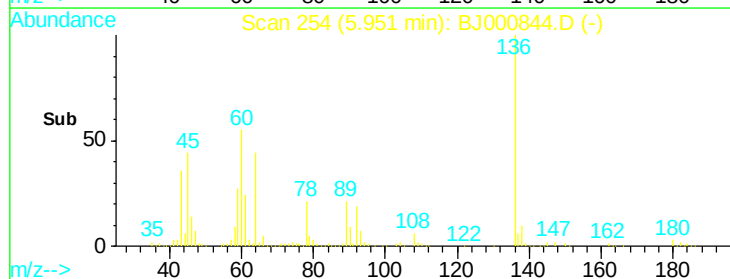
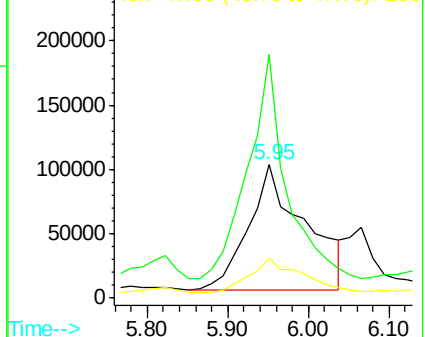


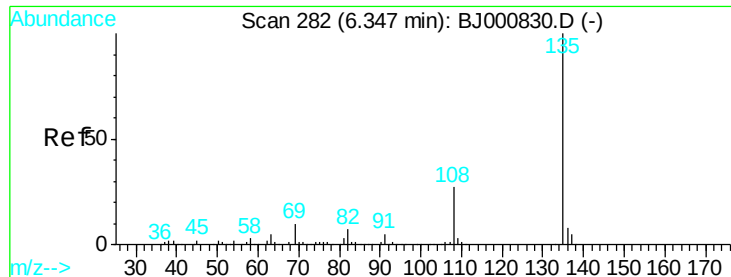
Abundance

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: 0.04 ug/mL

RT: 6.34 min Scan# 281

Delta R.T. -0.01 min

Lab File: BJ000844.D

Acq: 28 Apr 2012 00:19

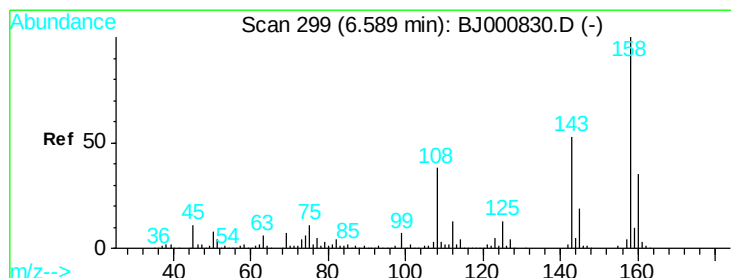
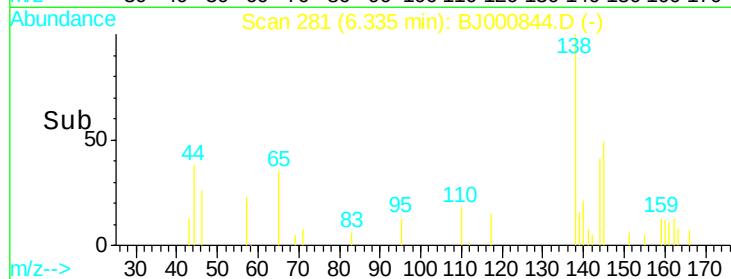
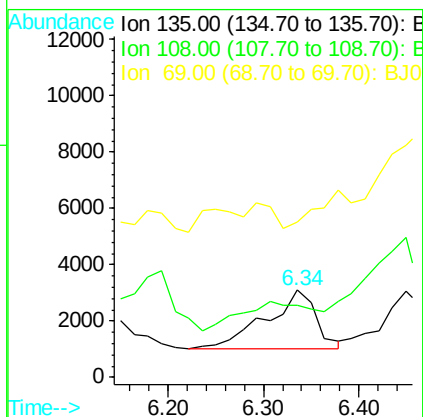
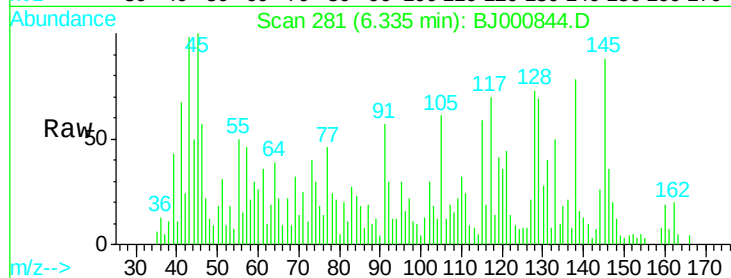
Tgt Ion:135 Resp: 7708

Ion Ratio Lower Upper

135 100

108 81.9 7.0 47.0#

69 177.9 0.0 30.4#



#11

p-Chlorophenylmethylsulfide

Concen: 0.05 ug/mL

RT: 6.56 min Scan# 297

Delta R.T. -0.03 min

Lab File: BJ000844.D

Acq: 28 Apr 2012 00:19

Tgt Ion:158 Resp: 6246

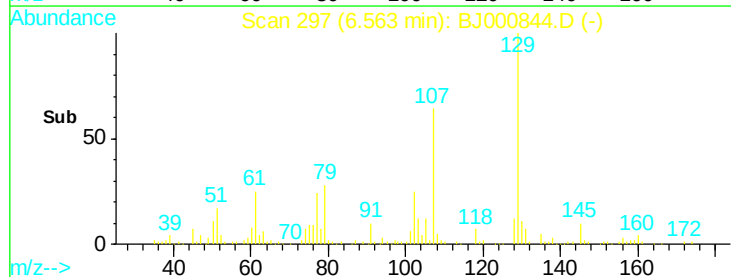
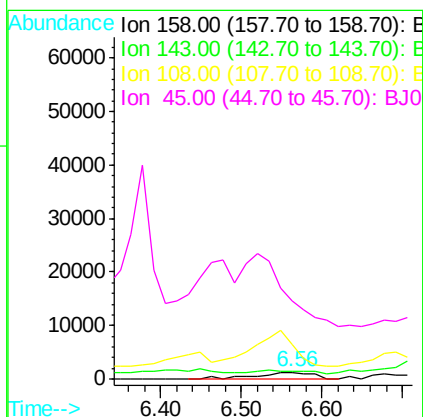
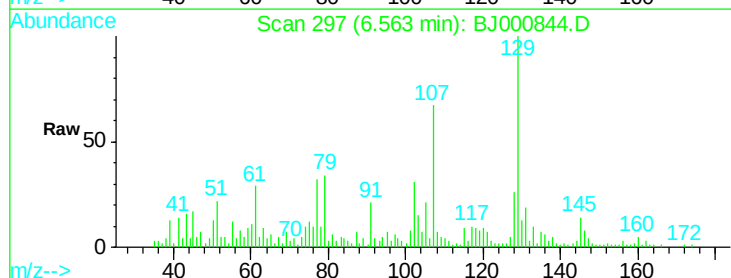
Ion Ratio Lower Upper

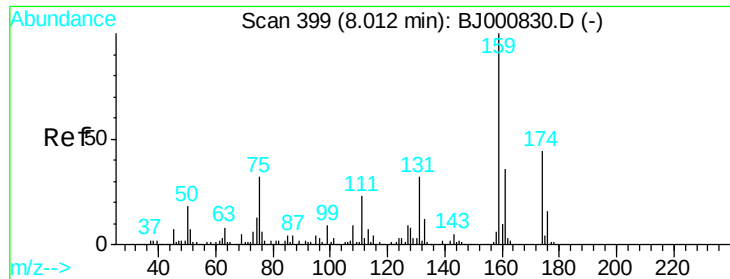
158 100

143 114.9 32.7 72.7#

108 485.9 18.7 58.7#

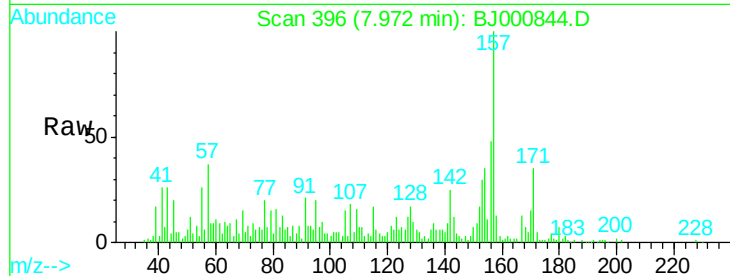
45 1115.0 0.0 31.9#





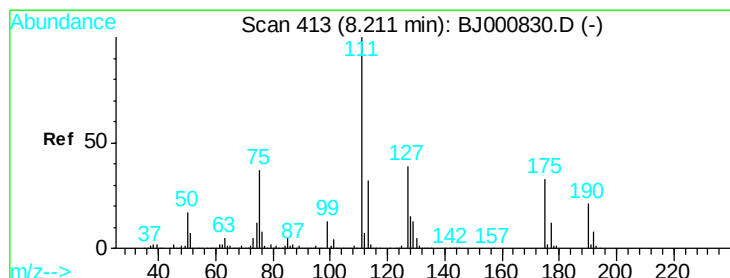
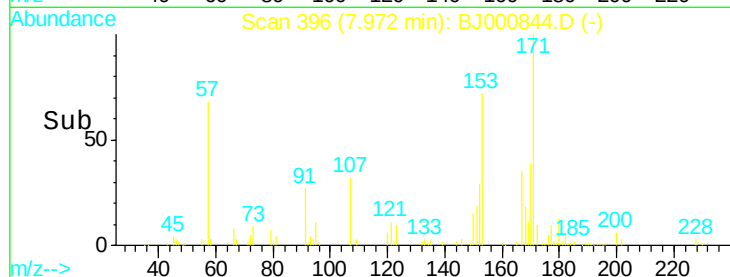
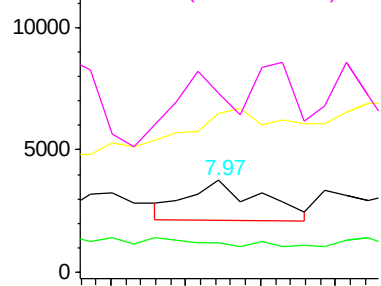
#13
p-Chlorophenylmethylsulfoxide
Concen: 0.08 ug/mL
RT: 7.97 min Scan# 396
Delta R.T. -0.04 min
Lab File: BJ000844.D
Acq: 28 Apr 2012 00:19

Tgt Ion:159 Resp: 5597
Ion Ratio Lower Upper
159 100
174 5.4 28.0 68.0#
108 165.9 0.0 28.5#
50 140.8 0.0 36.1#



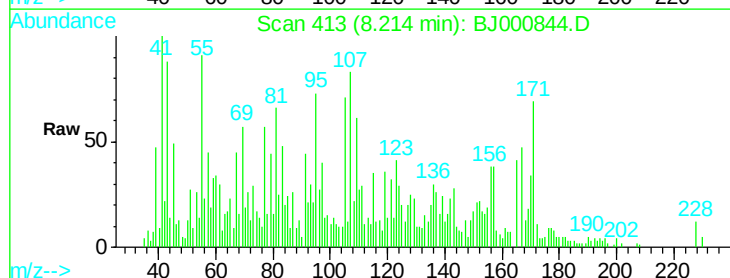
Abundance

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: 0.03 ug/mL
RT: 8.21 min Scan# 413
Delta R.T. 0.00 min
Lab File: BJ000844.D
Acq: 28 Apr 2012 00:19

Tgt Ion:111 Resp: 3478
Ion Ratio Lower Upper
111 100
75 50.1 18.5 58.5
127 68.9 19.3 59.3#
190 17.9 0.9 40.9



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

