

Data File : H:\VOL1\GCMSDATA\J\120427\BJ000830.D
 Acq On : 27 Apr 2012 20:07
 Sample : CWA-CCV
 Misc : STD BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Apr 30 10:30 2012

Vial: 2
 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	4.75	152	233391	2.00	ug/mL	0.00
6) Naphthalene-d8	6.05	136	985281	2.00	ug/mL	0.00

System Monitoring Compounds

10) Tripropylphosphate	7.09	99	907058	2.70	ug/mL	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	540.00%#
12) 2-Bromothioanisole	7.34	204	845238	13.08	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	261.60%#

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dimethyl Disulfide	2.66	94	478165	5.56	ug/mL	100
3) DMMP	3.61	79	162617	2.18	ug/mL	100
4) DIMP	5.02	97	518041	2.52	ug/mL	100
5) 1,4-Oxathiane	3.73	46	482454	5.83	ug/mL	100
7) 1,4-Dithiane	5.19	46	420576	6.46	ug/mL	100
8) Thiodiglycol	5.96	61	2531291	38.75	ug/mL	100
9) Benzothiazole	6.35	135	3320655	13.54	ug/mL	100
11) p-Chlorophenylmethyldisulfid	6.59	158	2215060	13.06	ug/mL	100
13) p-Chlorophenylmethyldisulfox	8.01	159	1181631	12.48	ug/mL	100
14) p-Chlorophenylmethyldisulfon	8.21	111	1755990	12.58	ug/mL	100

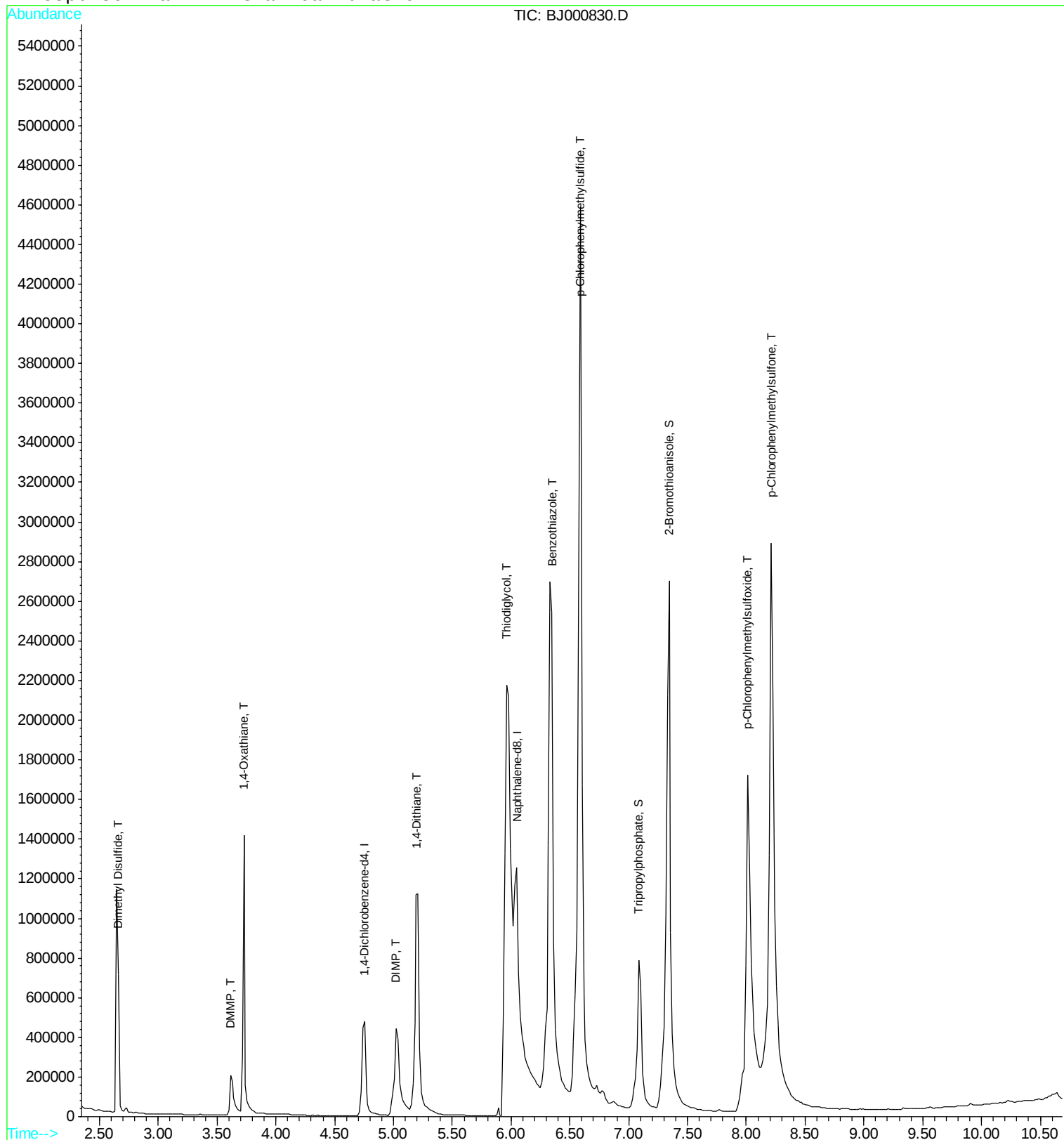
Quantitation Report

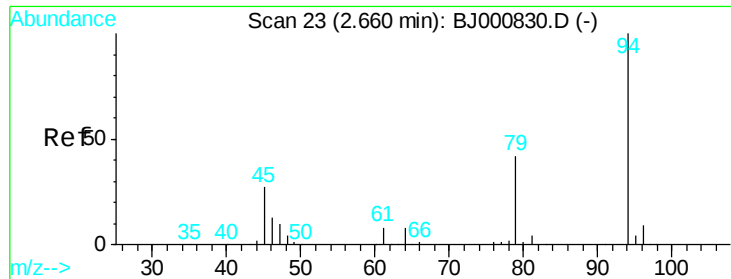
Data File : H:\VOL1\GCMSDATA\J\120427\BJ000830.D
Acq On : 27 Apr 2012 20:07
Sample : CWA-CCV
Misc : STD BNA J HLM
MS Integration Params: rteint.p
Quant Time: Apr 30 10:30 2012

Vial: 2
Operator: HLM
Inst : BNA J
Multiplr: 1.00

Quant Results File: BJ042612.RES

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





#2

Dimethyl Disulfide

Concen: 5.56 ug/mL

RT: 2.66 min Scan# 23

Delta R.T. 0.00 min

Lab File: BJ000830.D

Acq: 27 Apr 2012 20:07

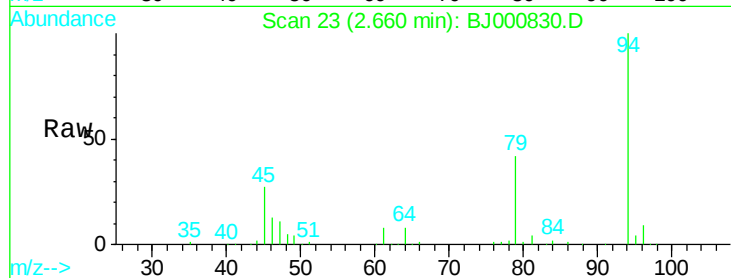
Tgt Ion: 94 Resp: 478165

Ion Ratio Lower Upper

94 100

45 27.2 7.2 47.2

79 41.6 21.6 61.6

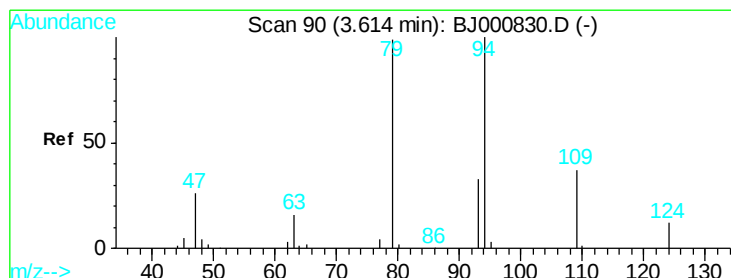
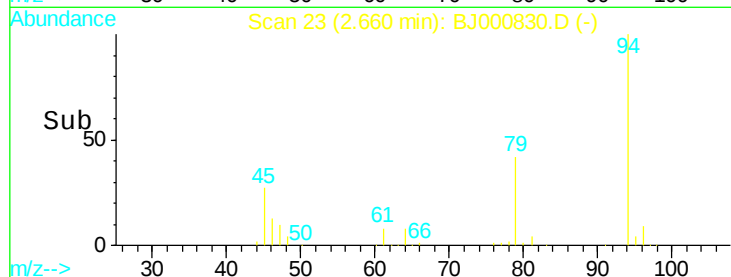
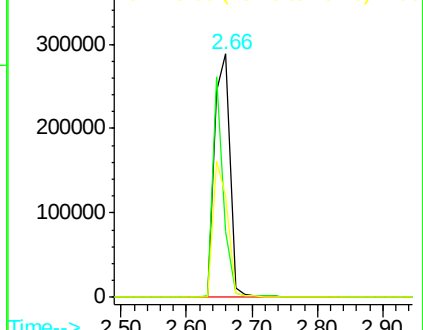


Abundance

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: 2.18 ug/mL

RT: 3.61 min Scan# 90

Delta R.T. 0.00 min

Lab File: BJ000830.D

Acq: 27 Apr 2012 20:07

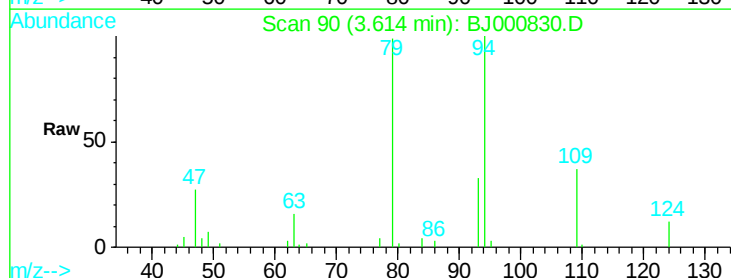
Tgt Ion: 79 Resp: 162617

Ion Ratio Lower Upper

79 100

94 100.8 80.8 120.8

109 37.5 17.5 57.5

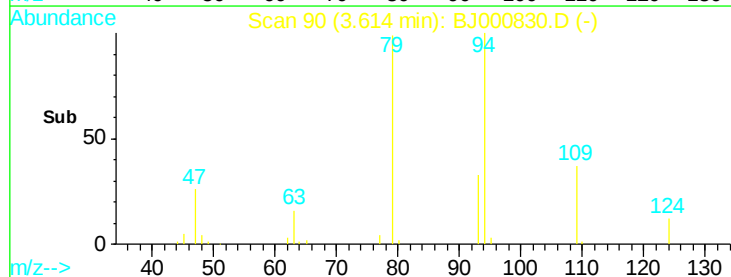
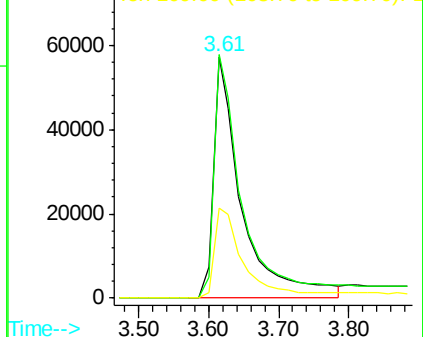


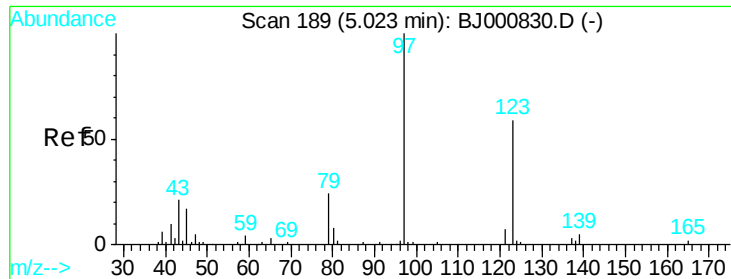
Abundance

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: 2.52 ug/mL

RT: 5.02 min Scan# 189

Delta R.T. 0.00 min

Lab File: BJ000830.D

Acq: 27 Apr 2012 20:07

Tgt Ion: 97 Resp: 518041

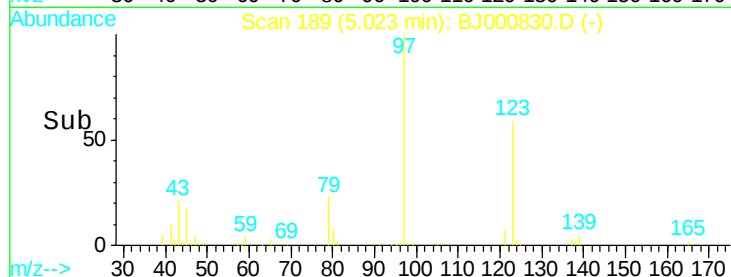
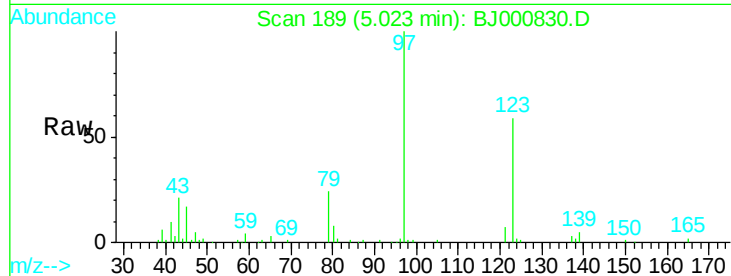
Ion Ratio Lower Upper

97 100

123 59.1 39.1 79.1

43 20.9 0.9 40.9

41 10.0 0.0 30.0



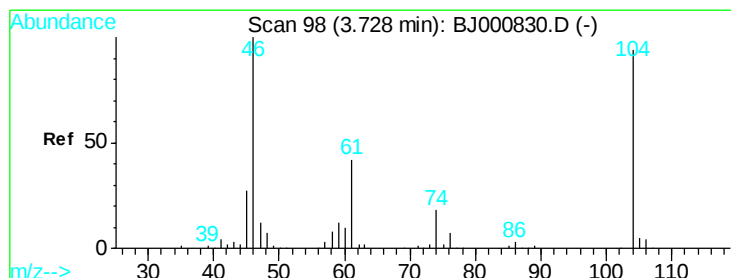
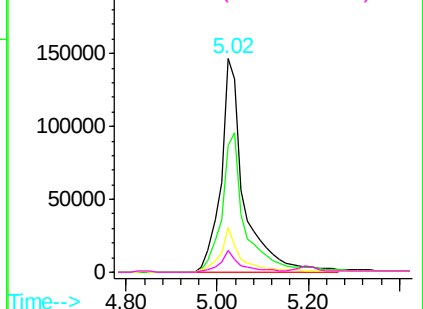
Abundance

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: 5.83 ug/mL

RT: 3.73 min Scan# 98

Delta R.T. 0.00 min

Lab File: BJ000830.D

Acq: 27 Apr 2012 20:07

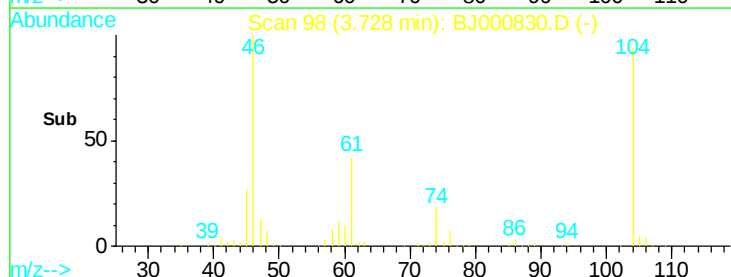
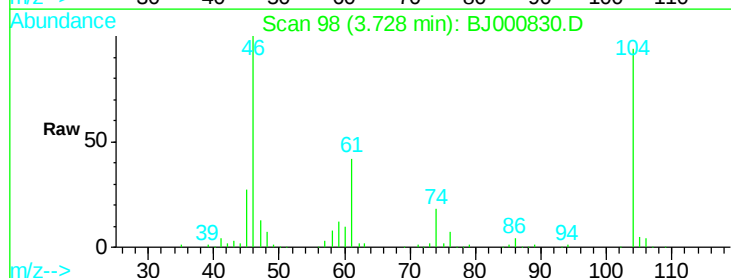
Tgt Ion: 46 Resp: 482454

Ion Ratio Lower Upper

46 100

61 42.0 22.0 62.0

104 93.6 73.6 113.6

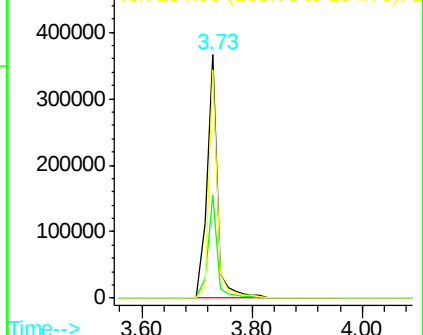


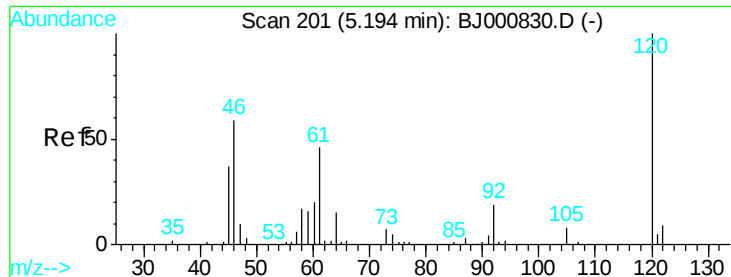
Abundance

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: 6.46 ug/mL

RT: 5.19 min Scan# 201

Delta R.T. 0.00 min

Lab File: BJ000830.D

Acq: 27 Apr 2012 20:07

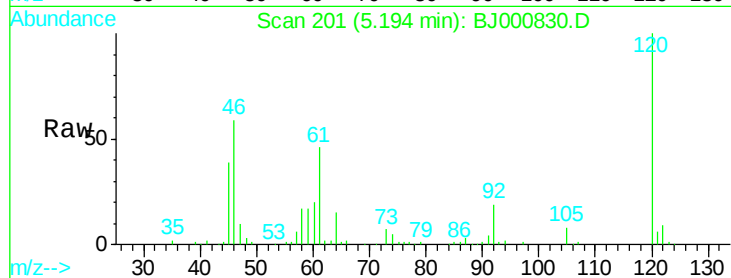
Tgt Ion: 46 Resp: 420576

Ion Ratio Lower Upper

46 100

61 76.7 56.7 96.7

120 168.6 148.6 188.6

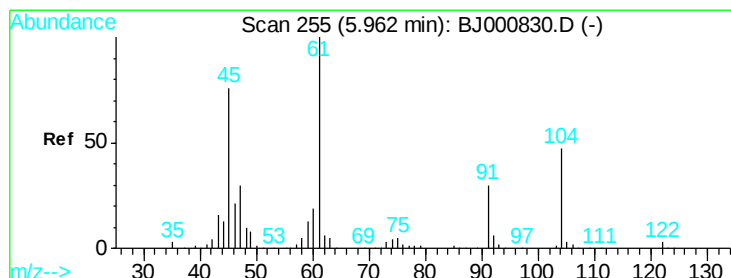
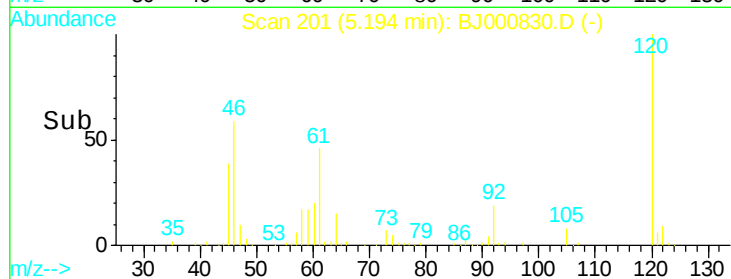
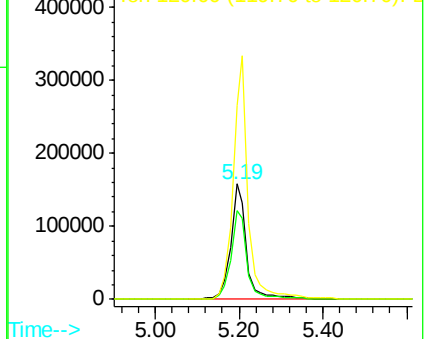


Abundance

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: 38.75 ug/mL

RT: 5.96 min Scan# 255

Delta R.T. 0.00 min

Lab File: BJ000830.D

Acq: 27 Apr 2012 20:07

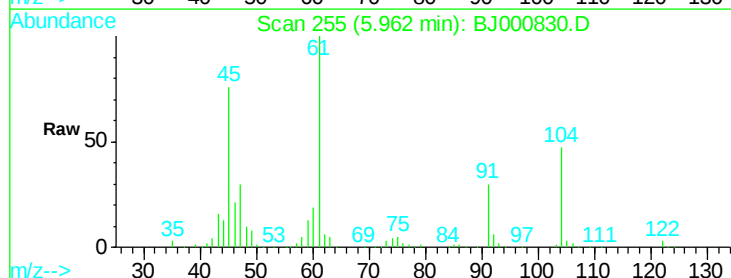
Tgt Ion: 61 Resp: 2531291

Ion Ratio Lower Upper

61 100

45 76.4 56.4 96.4

47 30.1 10.1 50.1

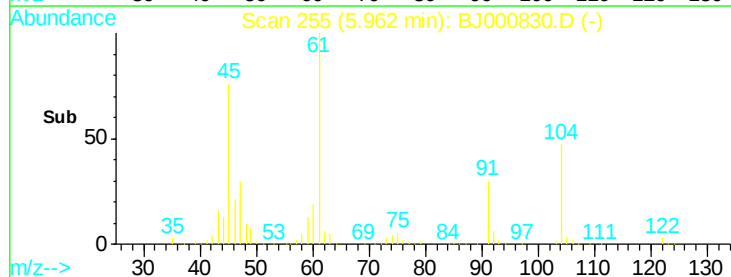
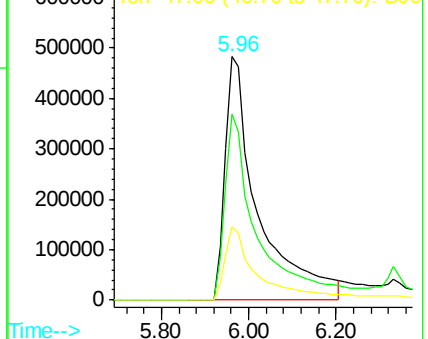


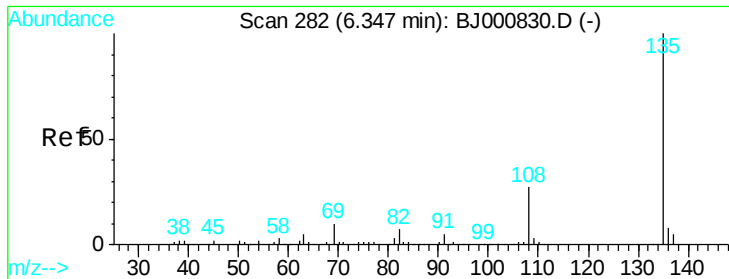
Abundance

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: 13.54 ug/mL

RT: 6.35 min Scan# 282

Delta R.T. 0.00 min

Lab File: BJ000830.D

Acq: 27 Apr 2012 20:07

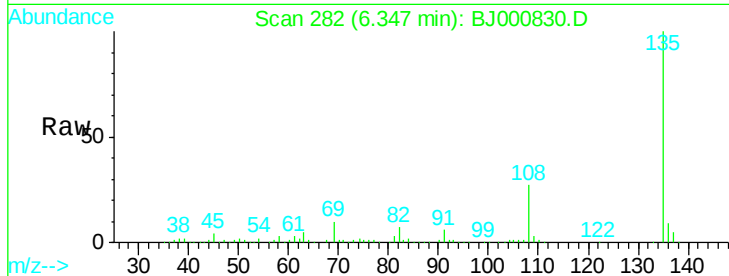
Tgt Ion:135 Resp: 3320655

Ion Ratio Lower Upper

135 100

108 27.0 7.0 47.0

69 10.4 0.0 30.4

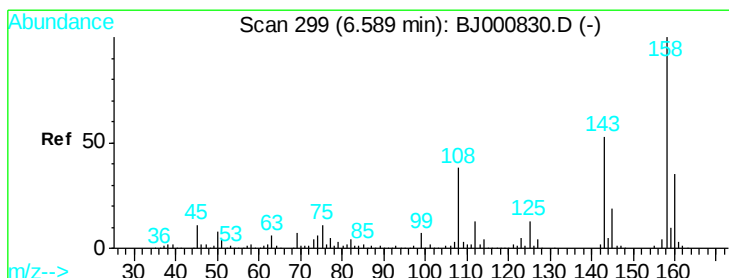
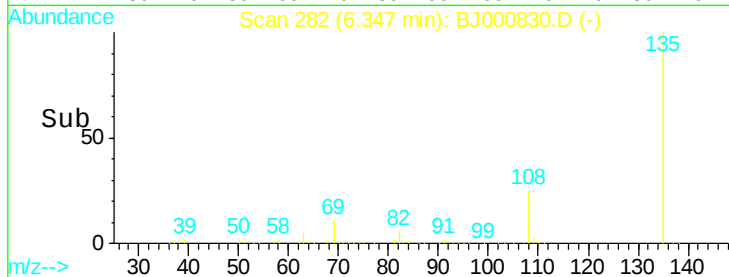
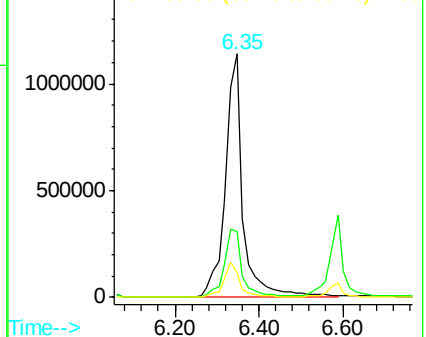


Abundance

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: 13.06 ug/mL

RT: 6.59 min Scan# 299

Delta R.T. 0.00 min

Lab File: BJ000830.D

Acq: 27 Apr 2012 20:07

Tgt Ion:158 Resp: 2215060

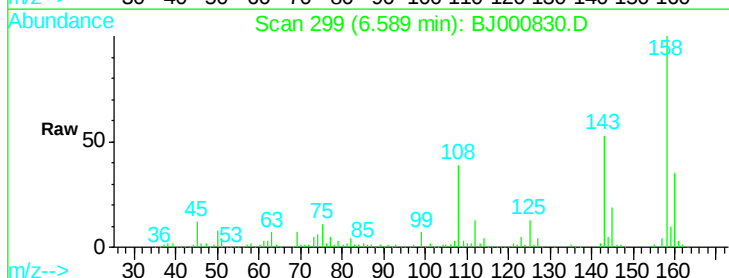
Ion Ratio Lower Upper

158 100

143 52.7 32.7 72.7

108 38.7 18.7 58.7

45 11.9 0.0 31.9



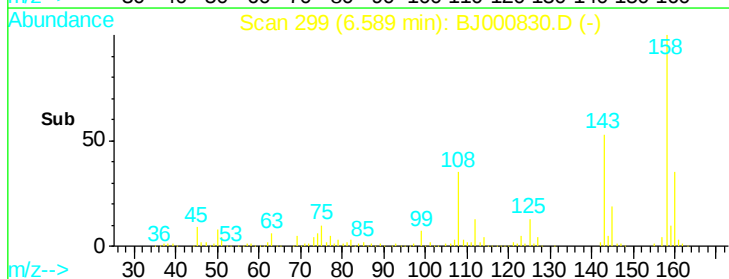
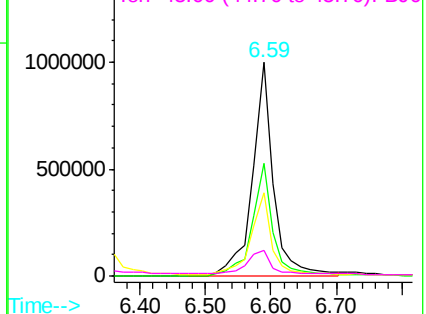
Abundance

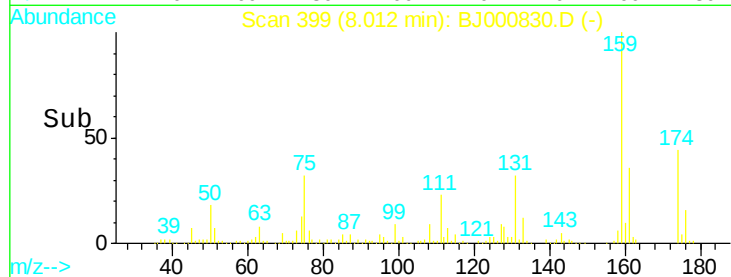
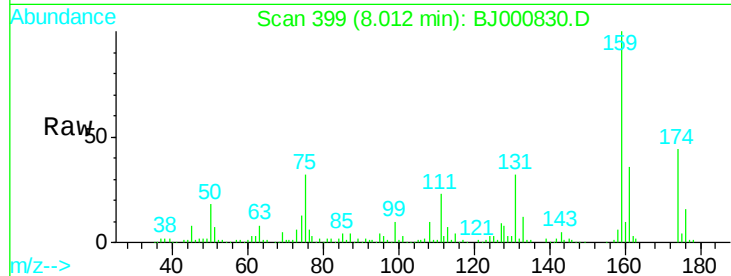
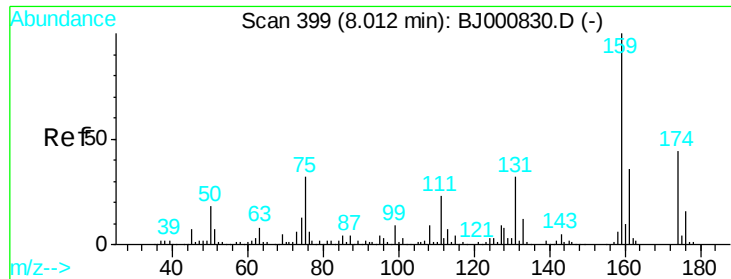
Ion 158.00 (157.70 to 158.70): E

Ion 143.00 (142.70 to 143.70): E

Ion 108.00 (107.70 to 108.70): E

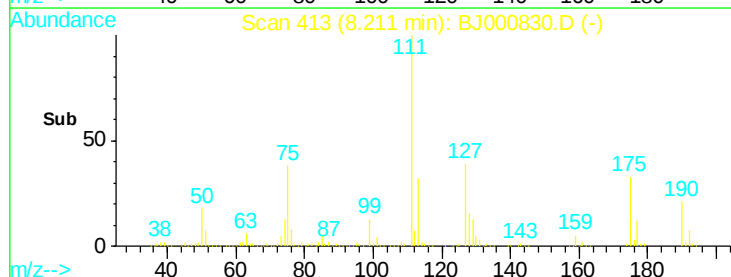
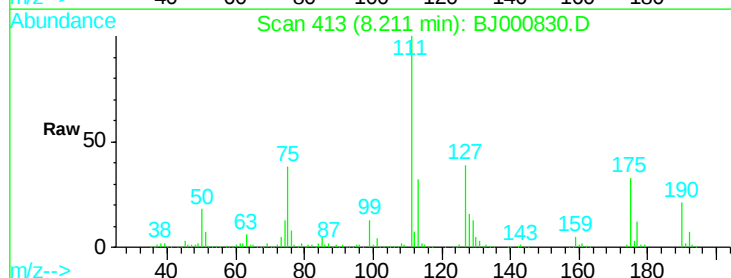
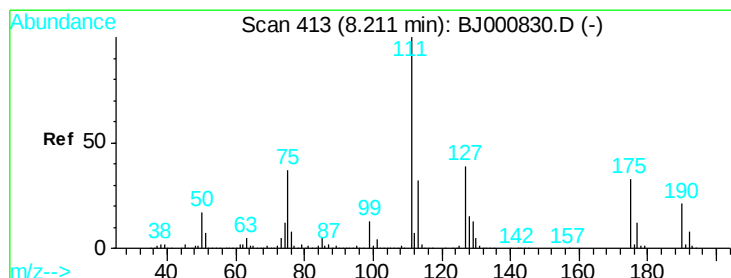
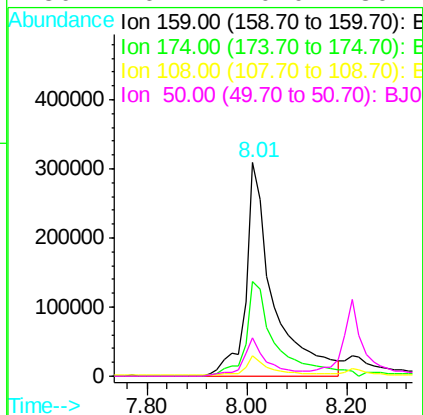
Ion 45.00 (44.70 to 45.70): BJ0





#13
p-Chlorophenylmethylsulfoxide
Concen: 12.48 ug/mL
RT: 8.01 min Scan# 399
Delta R.T. 0.00 min
Lab File: BJ000830.D
Acq: 27 Apr 2012 20:07

Tgt Ion:159 Resp: 1181631
Ion Ratio Lower Upper
159 100
174 48.0 28.0 68.0
108 8.5 0.0 28.5
50 16.1 0.0 36.1



#14
p-Chlorophenylmethylsulfone
Concen: 12.58 ug/mL
RT: 8.21 min Scan# 413
Delta R.T. 0.00 min
Lab File: BJ000830.D
Acq: 27 Apr 2012 20:07

Tgt Ion:111 Resp: 1755990
Ion Ratio Lower Upper
111 100
75 38.5 18.5 58.5
127 39.3 19.3 59.3
190 20.9 0.9 40.9

