

Data File : H:\VOL1\GCMSDATA\J\120608\BJ000941.D

Vial: 7

Acq On : 8 Jun 2012 17:43

Operator: HLM

Sample : D2917-01MSD

Inst : BNA J

Misc : SOIL BNA J HLM

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Jun 8 17:49 2012

Quant Results File: BJ060812.RES

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

Title : CWA degradation products by GCMS

Last Update : Fri Jun 08 15:52:40 2012

Response via : Initial Calibration

DataAcq Meth : CWAJ

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.71	152	293679	2.00	ug/mL	0.00
6) Naphthalene-d8	6.00	136	1187972	2.00	ug/mL	0.00

System Monitoring Compounds

10) Tripropylphosphate	7.07	99	250516	0.54	ug/mL	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	108.00%
12) 2-Bromothioanisole	7.30	204	275817	3.40	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.00%#

Target Compounds

					Ovalue
3) DMMP	3.56	79	757	0.04	ug/mL# 1
5) 1,4-Oxathiane	3.68	46	38707	0.39	ug/mL 97
7) 1,4-Dithiane	5.16	46	22173	0.26	ug/mL 94
8) Thiodiglycol	5.95	61	6485	1.53	ug/mL# 1
9) Benzothiazole	6.30	135	12979	0.04	ug/mL# 1
13) p-Chlorophenylmethylox	7.88	159	4223	0.08	ug/mL# 59
14) p-Chlorophenylmethylox	8.15	111	8062	0.05	ug/mL# 68

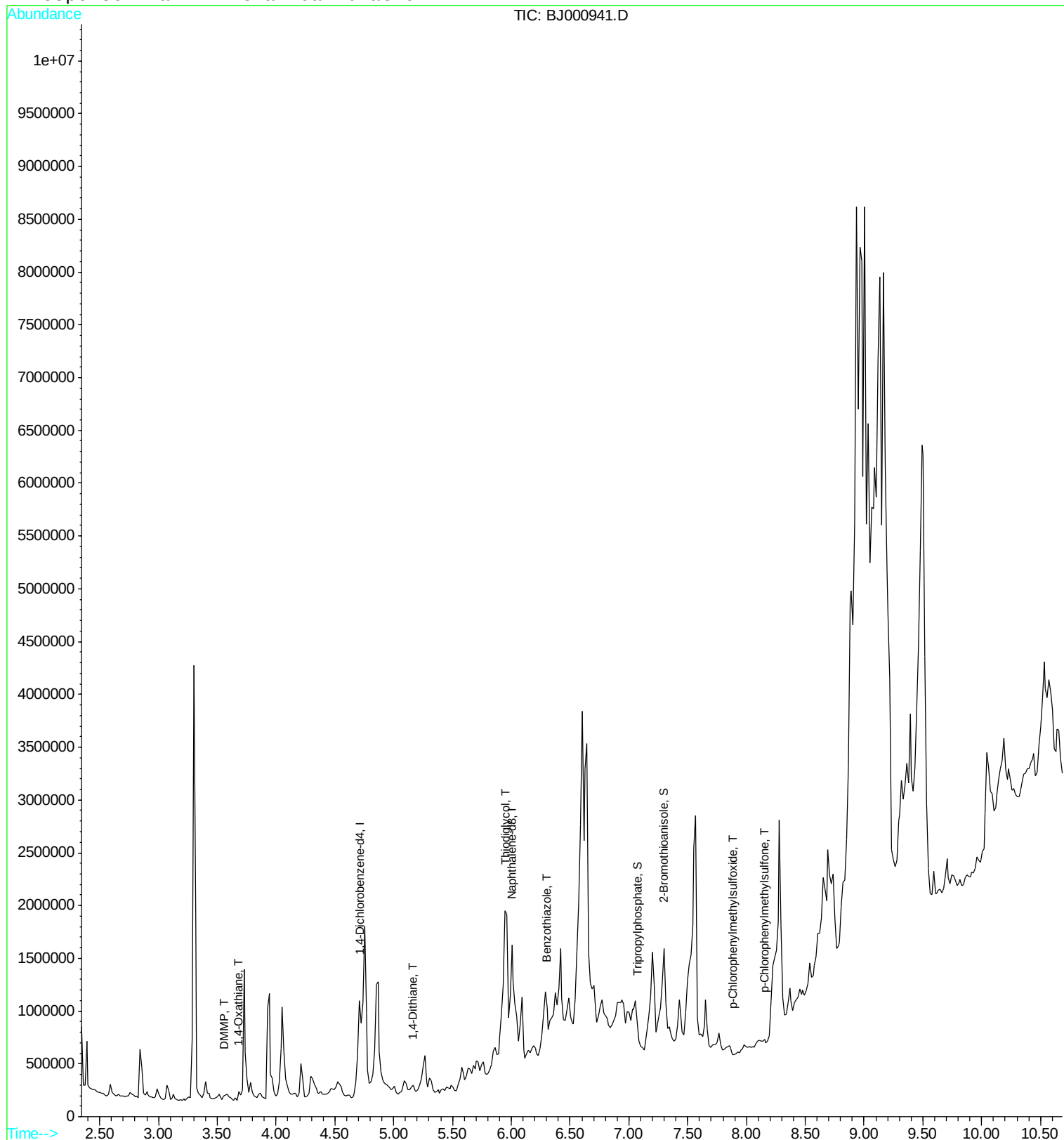
Quantitation Report

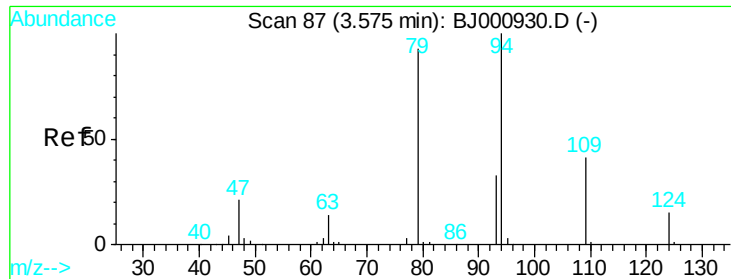
Data File : H:\VOL1\GCMSDATA\J\120608\BJ000941.D
Acq On : 8 Jun 2012 17:43
Sample : D2917-01MSD
Misc : SOIL BNA J HLM
MS Integration Params: rteint.p
Quant Time: Jun 8 17:49 2012

Vial: 7
Operator: HLM
Inst : BNA J
Multiplr: 1.00

Quant Results File: BJ060812.RES

Method : H:\VOL1\GCMSDATA\J\METHODS\BJ060812.M (RTE Integrator)
Title : CWA degradation products by GCMS
Last Update : Fri Jun 08 15:52:40 2012
Response via : Initial Calibration





#3

DMMP

Concen: 0.04 ug/mL

RT: 3.56 min Scan# 86

Delta R.T. -0.02 min

Lab File: BJ000941.D

Acq: 8 Jun 2012 17:43

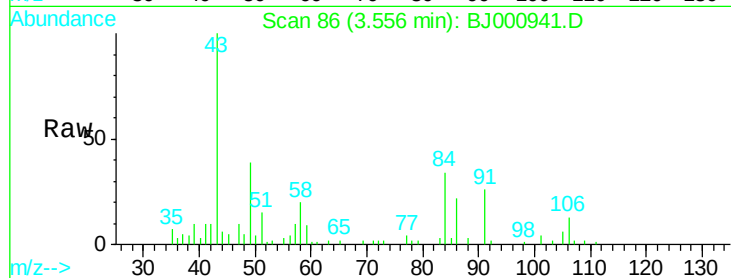
Tgt Ion: 79 Resp: 757

Ion Ratio Lower Upper

79 100

94 0.0 87.0 127.0#

109 114.7 24.1 64.1#

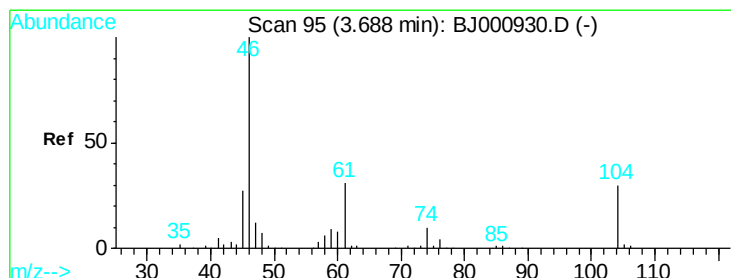
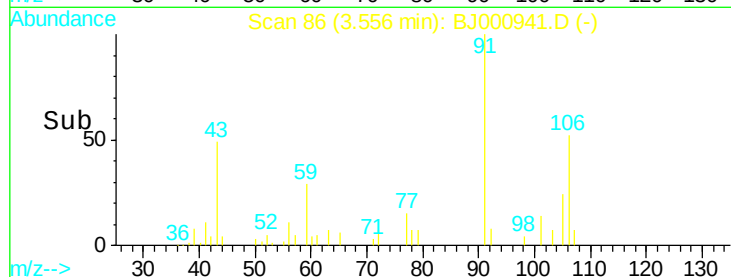
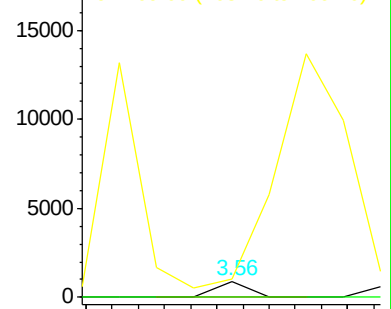


Abundance

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



#5

1,4-Oxathiane

Concen: 0.39 ug/mL

RT: 3.68 min Scan# 95

Delta R.T. -0.00 min

Lab File: BJ000941.D

Acq: 8 Jun 2012 17:43

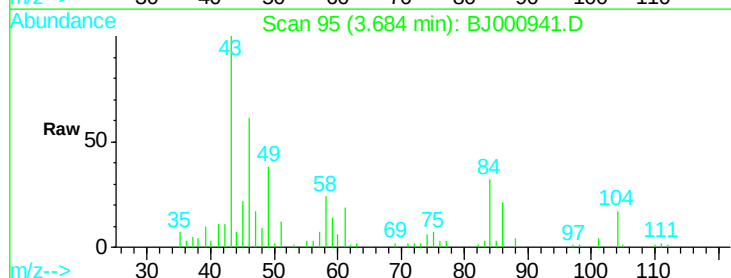
Tgt Ion: 46 Resp: 38707

Ion Ratio Lower Upper

46 100

61 31.9 11.2 51.2

104 27.3 10.0 50.0

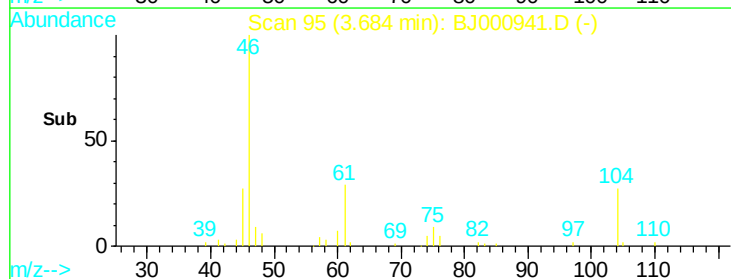
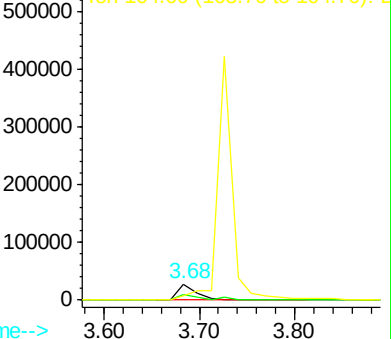


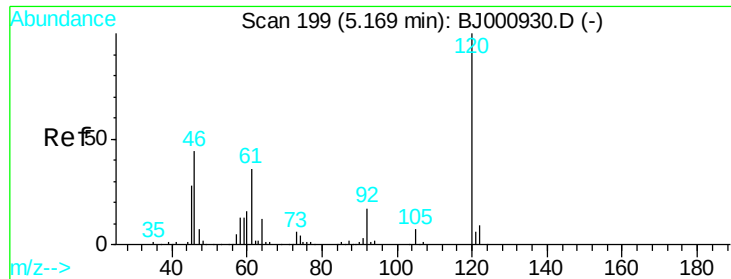
Abundance

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: 0.26 ug/mL

RT: 5.16 min Scan# 199

Delta R.T. -0.00 min

Lab File: BJ000941.D

Acq: 8 Jun 2012 17:43

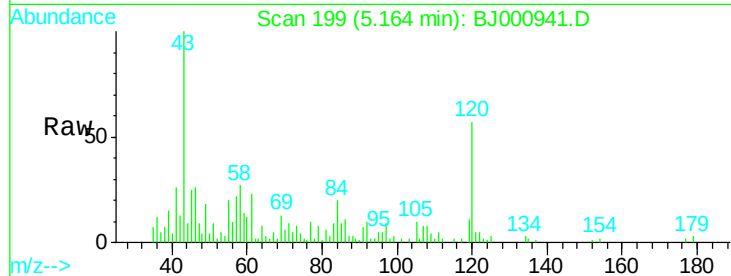
Tgt Ion: 46 Resp: 22173

Ion Ratio Lower Upper

46 100

61 86.3 61.9 101.9

120 218.5 208.1 248.1

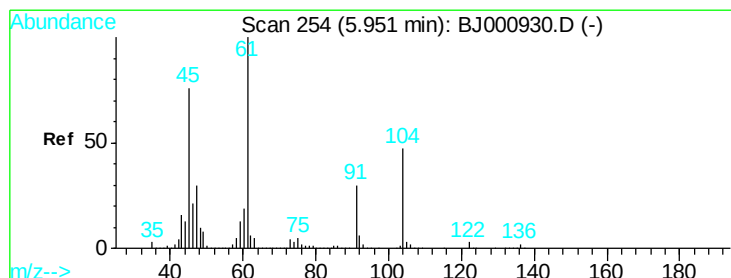
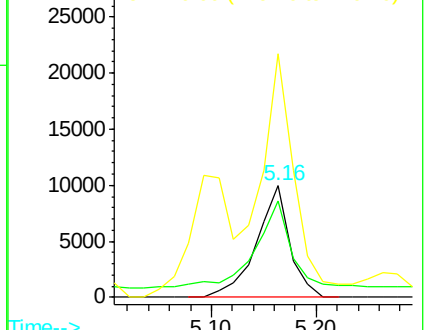
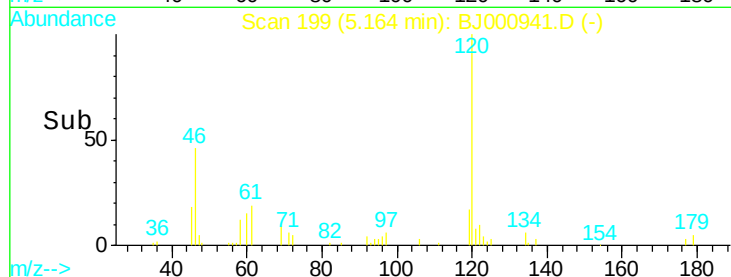


Abundance

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: 1.53 ug/mL

RT: 5.95 min Scan# 254

Delta R.T. -0.00 min

Lab File: BJ000941.D

Acq: 8 Jun 2012 17:43

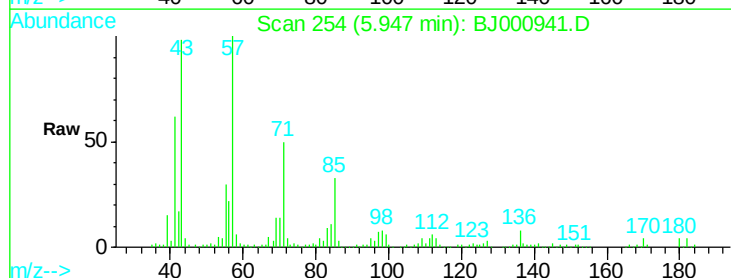
Tgt Ion: 61 Resp: 6485

Ion Ratio Lower Upper

61 100

45 199.8 56.3 96.3#

47 76.0 10.1 50.1#

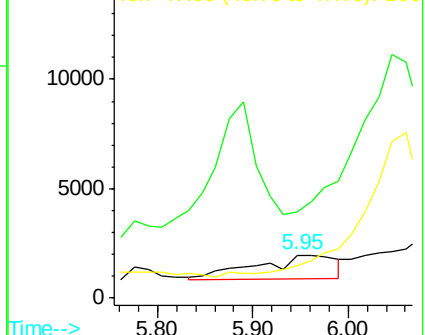
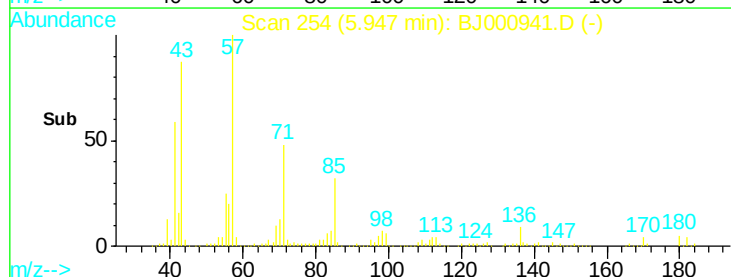


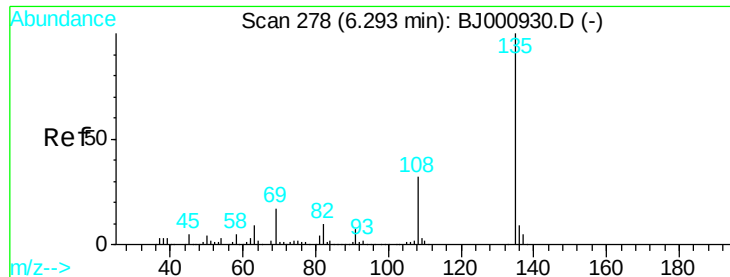
Abundance

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: 6.30 min Scan# 279

Delta R.T. 0.01 min

Lab File: BJ000941.D

Acq: 8 Jun 2012 17:43

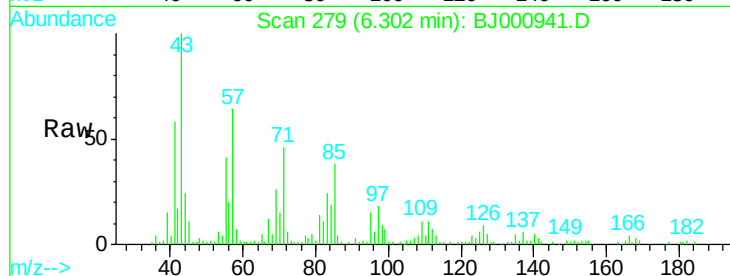
Tgt Ion:135 Resp: 12979

Ion Ratio Lower Upper

135 100

108 79.1 12.0 52.0#

69 519.5 0.0 36.6#

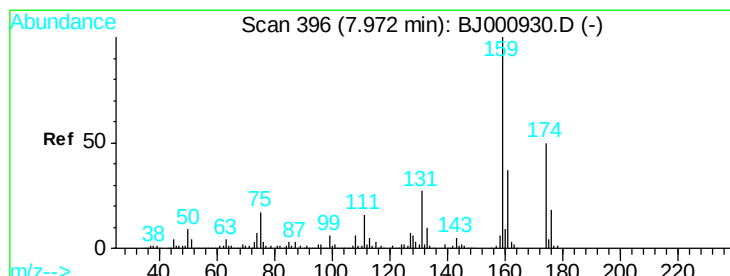
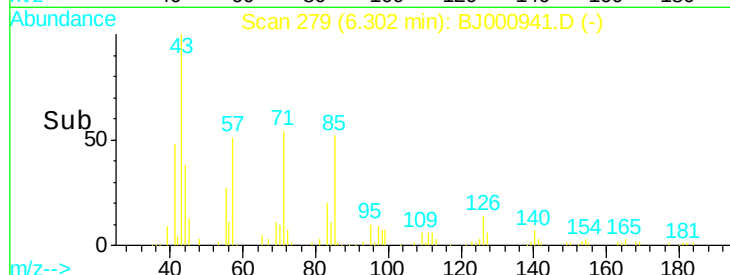
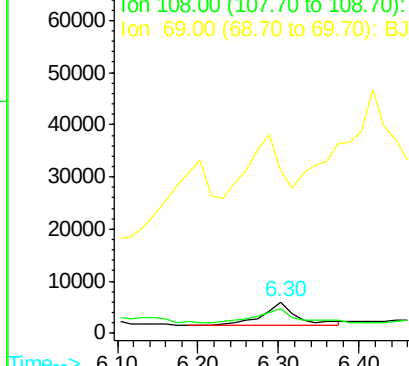


Abundance

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: 0.08 ug/mL

RT: 7.88 min Scan# 390

Delta R.T. -0.09 min

Lab File: BJ000941.D

Acq: 8 Jun 2012 17:43

Tgt Ion:159 Resp: 4223

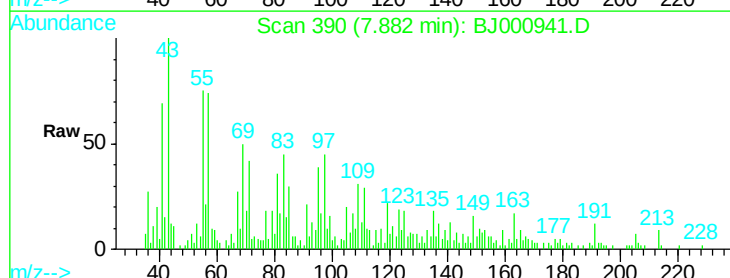
Ion Ratio Lower Upper

159 100

174 10.6 27.0 67.0#

108 0.0 0.0 28.3

50 11.8 0.0 36.8



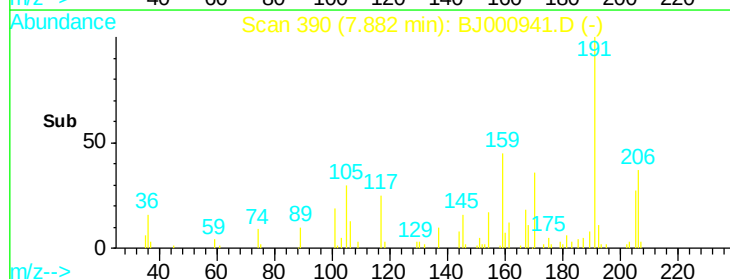
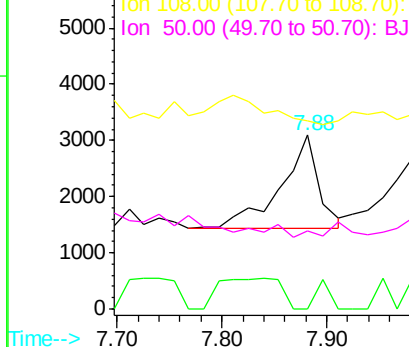
Abundance

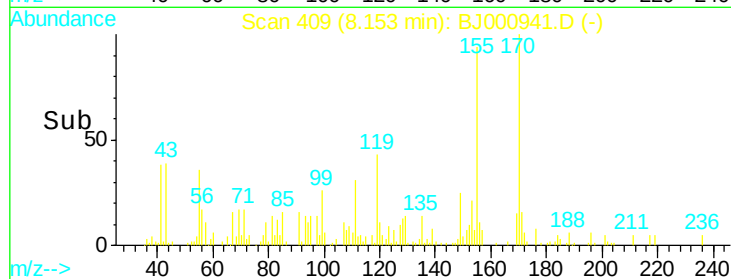
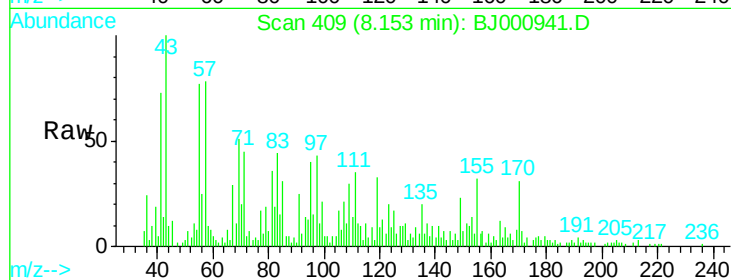
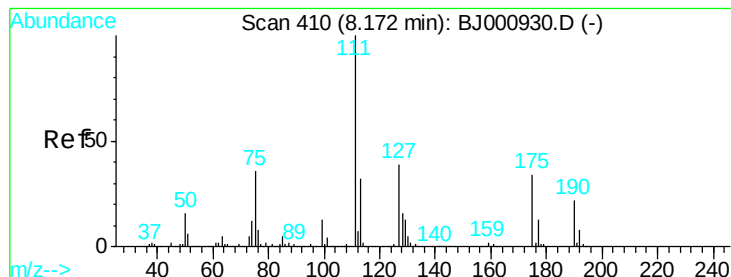
Ion 159.00 (158.70 to 159.70): E

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: 0.05 ug/mL

RT: 8.15 min Scan# 409

Delta R.T. -0.02 min

Lab File: BJ000941.D

Acq: 8 Jun 2012 17:43

Tgt Ion:111 Resp: 8062

Ion Ratio Lower Upper

111 100

75 10.2 16.5 56.5#

127 28.4 19.3 59.3

190 5.2 2.0 42.0

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

