

Data File : H:\VOL1\GCMSDATA\J\120426\BJ000783.D

Vial: 7

Acq On : 26 Apr 2012 14:46

Operator: HLM

Sample : CWA-1

Inst : BNA J

Misc : STD BNA J HLM

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Apr 26 16:07 2012

Quant Results File: BJ042612.RES

Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ042612.M (RTE Integrator)

Title : CWA degradation products by GCMS

Last Update : Thu Apr 26 16:03:58 2012

Response via : Initial Calibration

DataAcq Meth : CWAJ

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.76	152	276593	2.00	ug/mL	0.00
6) Naphthalene-d8	6.05	136	1118498	2.00	ug/mL	0.00

System Monitoring Compounds

10) Tripropylphosphate	7.10	99	36482	0.09	ug/mL	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	18.00%#
12) 2-Bromothioanisole	7.36	204	37480	0.48	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	9.60%#

Target Compounds

					Ovalue
2) Dimethyl Disulfide	2.68	94	24773	0.24	ug/mL 92
3) DMMP	3.63	79	3229	0.05	ug/mL 96
4) DIMP	5.03	97	15423	0.07	ug/mL 84
5) 1,4-Oxathiane	3.73	46	25515	0.26	ug/mL# 65
7) 1,4-Dithiane	5.21	46	17828	0.23	ug/mL# 77
8) Thiodiglycol	6.04	61	13440	0.22	ug/mL 92
9) Benzothiazole	6.36	135	132563	0.43	ug/mL 99
11) p-Chlorophenylmethyldisulfide	6.61	158	105430	0.51	ug/mL 96
13) p-Chlorophenylmethyldisulfox	7.97	159	4061	0.04	ug/mL# 61
14) p-Chlorophenylmethyldisulfon	8.23	111	72251	0.45	ug/mL 95

(#) = qualifier out of range (m) = manual integration

BJ000783.D BJ042612.M

Thu Apr 26 16:09:05 2012

A

Quantitation Report

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Inst : BNA J

Misc : STD BNA J HLM

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Apr 26 16:07 2012

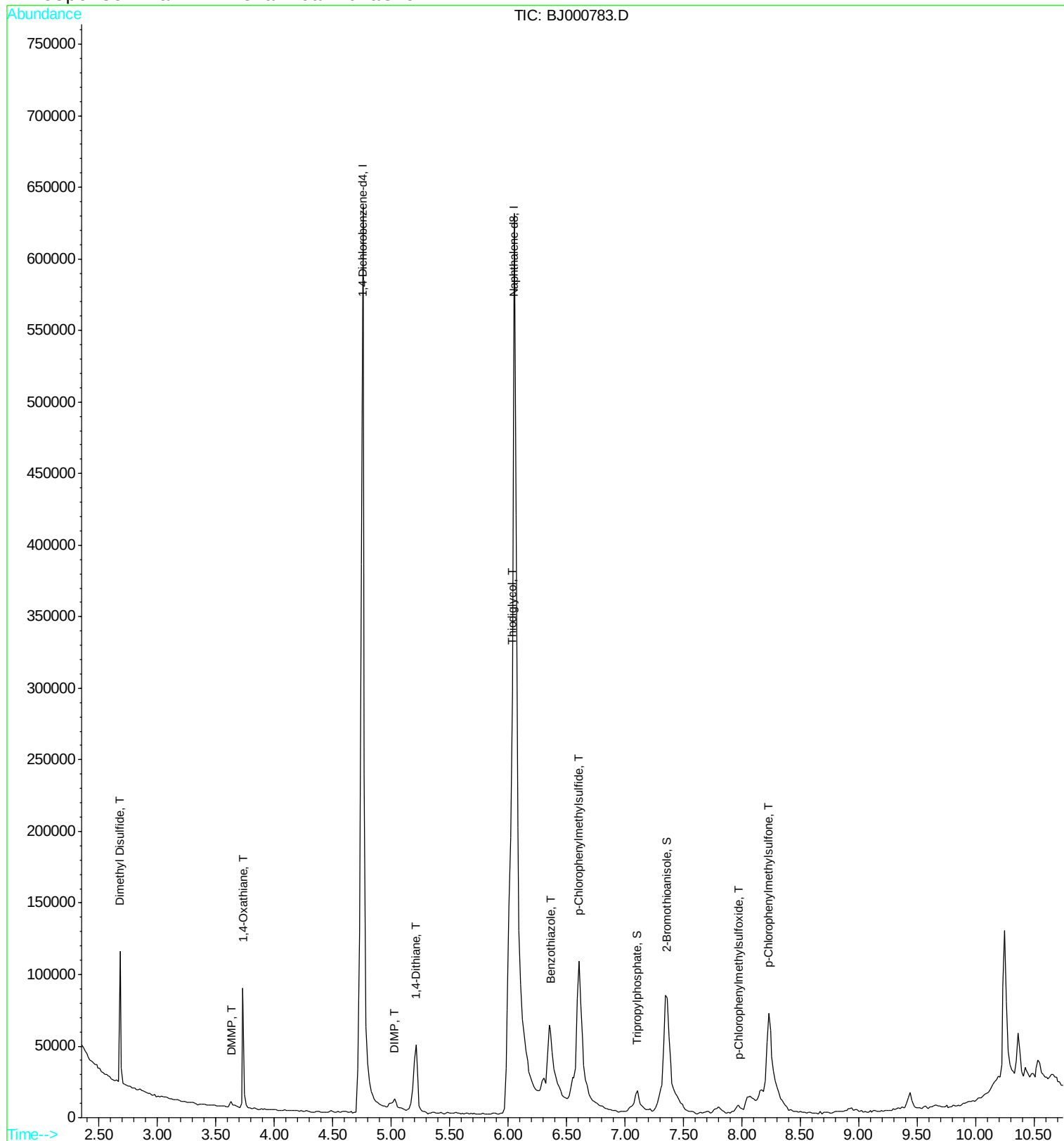
Quant Results File: BJ042612.RES

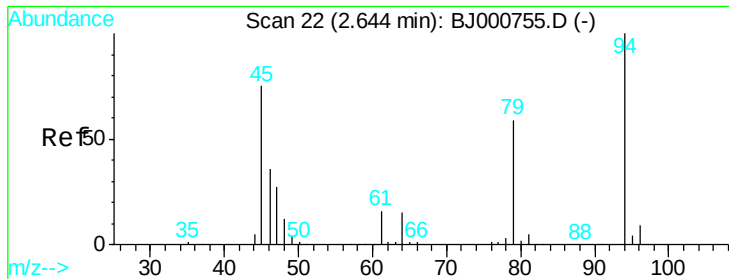
Method : H:\VOL1\GCMSDATA\J\METHODS\BJ042612.M (RTE Integrator)

Title : CWA degradation products by GCMS

Last Update : Thu Apr 26 16:03:58 2012

Response via : Initial Calibration





#2

Dimethyl Disulfide

Concen: 0.24 ug/mL

RT: 2.68 min Scan# 24

Delta R.T. 0.01 min

Lab File: BJ000783.D

Acq: 26 Apr 2012 14:46

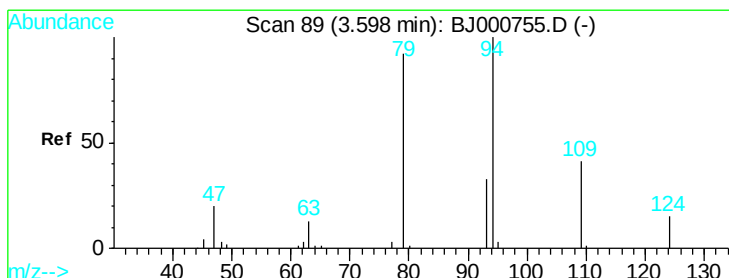
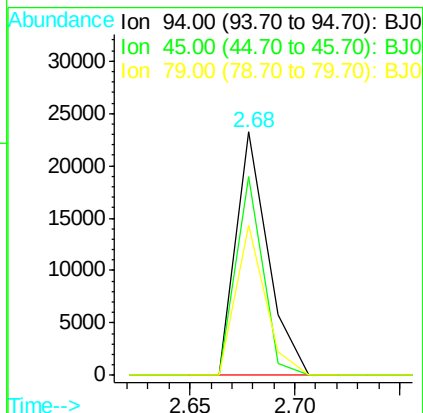
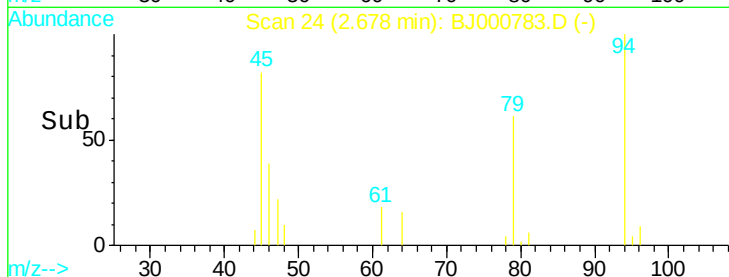
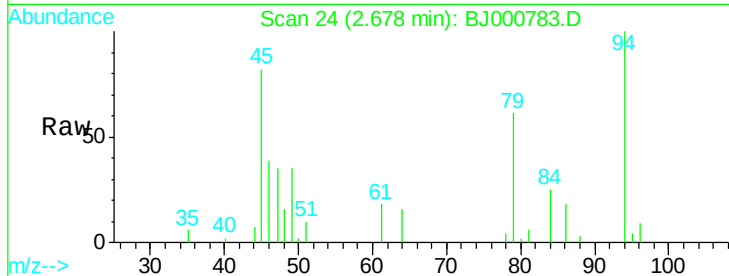
Tgt Ion: 94 Resp: 24773

Ion Ratio Lower Upper

94 100

45 81.8 72.8 112.8

79 61.5 43.9 83.9



#3

DMMP

Concen: 0.05 ug/mL

RT: 3.63 min Scan# 91

Delta R.T. 0.02 min

Lab File: BJ000783.D

Acq: 26 Apr 2012 14:46

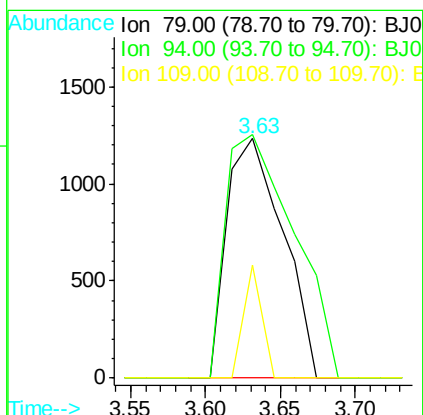
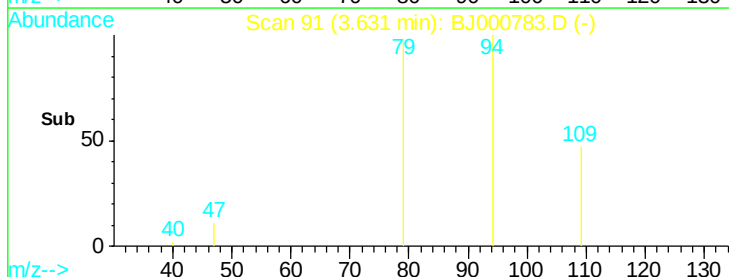
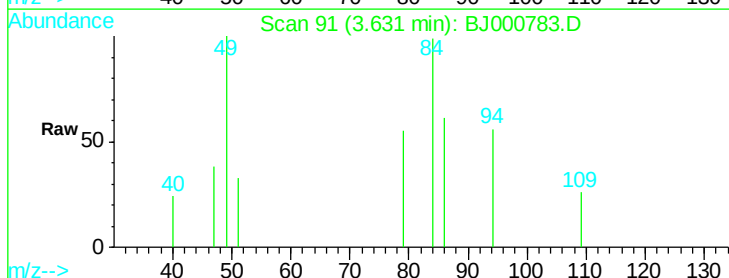
Tgt Ion: 79 Resp: 3229

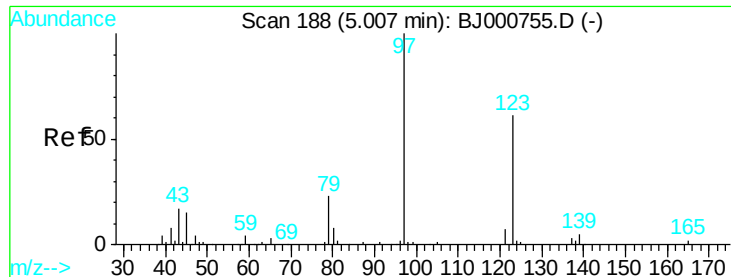
Ion Ratio Lower Upper

79 100

94 101.8 81.5 121.5

109 47.4 18.2 58.2





#4

DIMP

Concen: 0.07 ug/mL

RT: 5.03 min Scan# 189

Delta R.T. 0.00 min

Lab File: BJ000783.D

Acq: 26 Apr 2012 14:46

Tgt Ion: 97 Resp: 15423

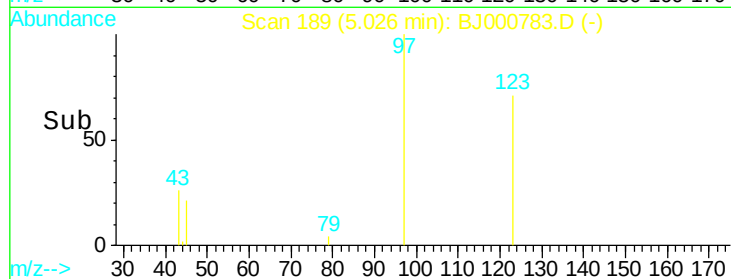
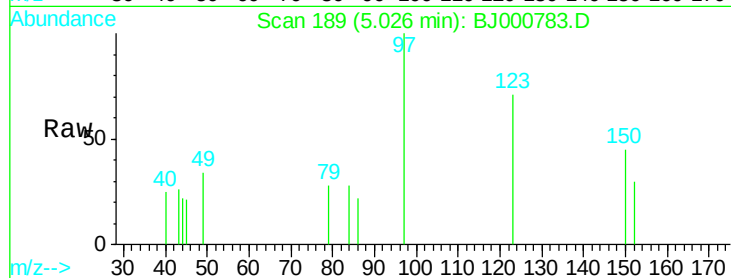
Ion Ratio Lower Upper

97 100

123 71.0 40.6 80.6

43 25.7 0.0 37.6

41 0.0 0.0 28.4



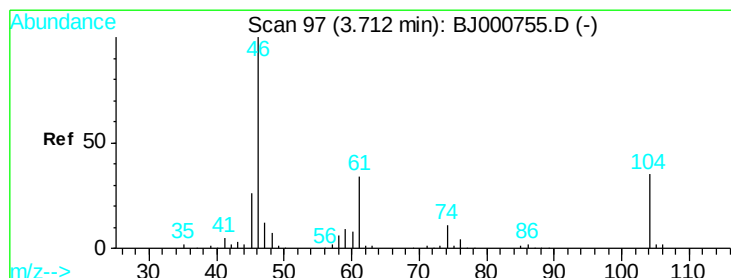
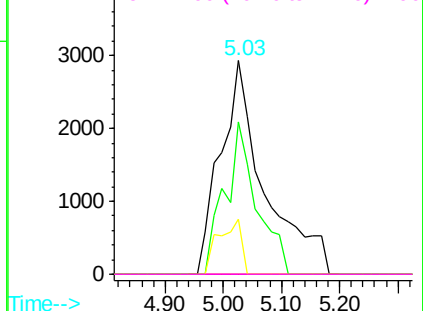
Abundance

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: 0.26 ug/mL

RT: 3.73 min Scan# 98

Delta R.T. 0.00 min

Lab File: BJ000783.D

Acq: 26 Apr 2012 14:46

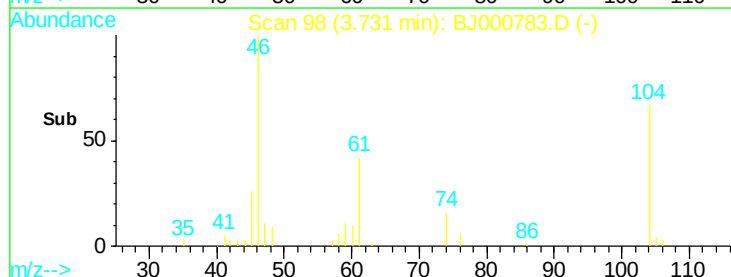
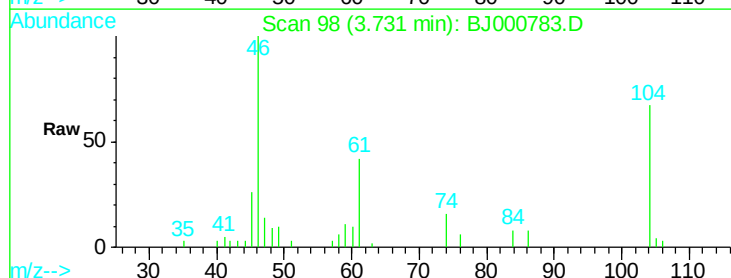
Tgt Ion: 46 Resp: 25515

Ion Ratio Lower Upper

46 100

61 41.5 14.6 54.6

104 67.4 13.7 53.7#

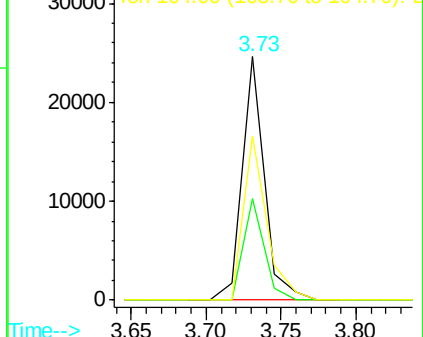


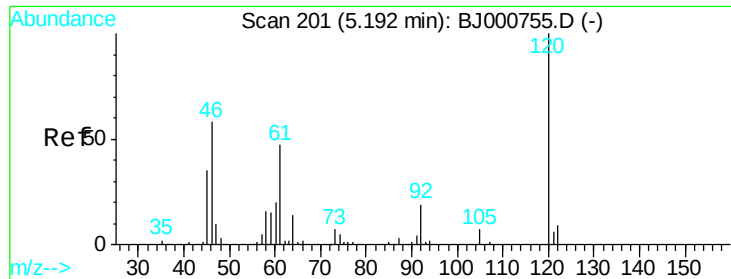
Abundance

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: 0.23 ug/mL

RT: 5.21 min Scan# 202

Delta R.T. 0.00 min

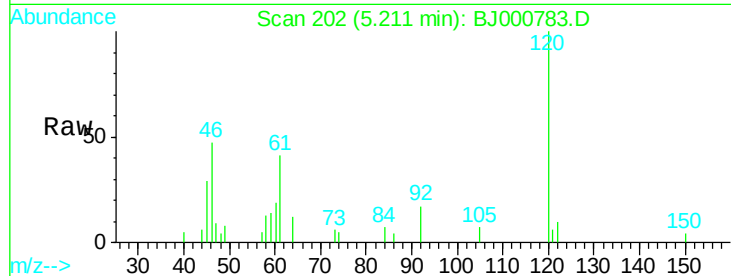
Lab File: BJ000783.D

Acq: 26 Apr 2012 14:46

Tgt Ion: 46 Resp: 17828

Ion Ratio Lower Upper

46	100		
61	87.4	62.3	102.3
120	211.6	149.0	189.0

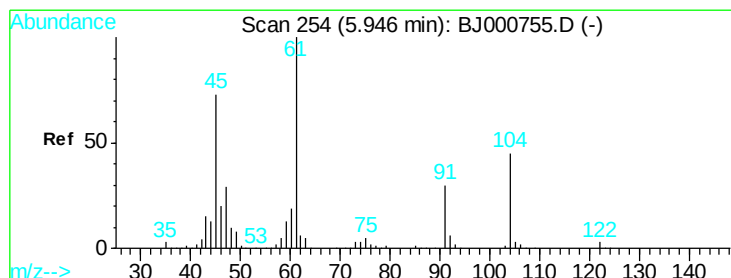
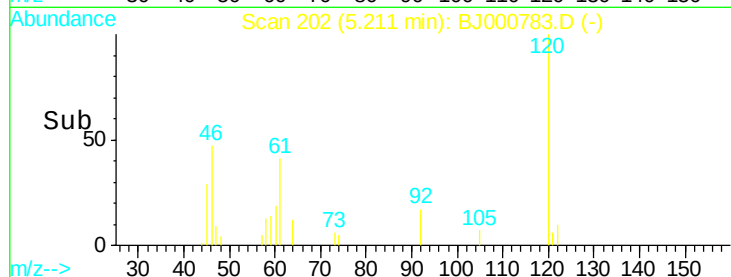
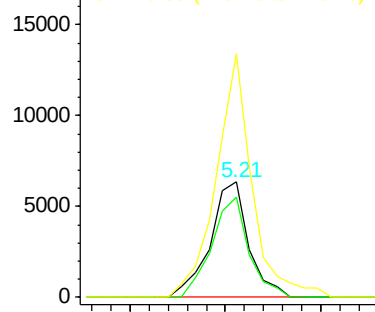


Abundance

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: 0.22 ug/mL

RT: 6.04 min Scan# 260

Delta R.T. 0.09 min

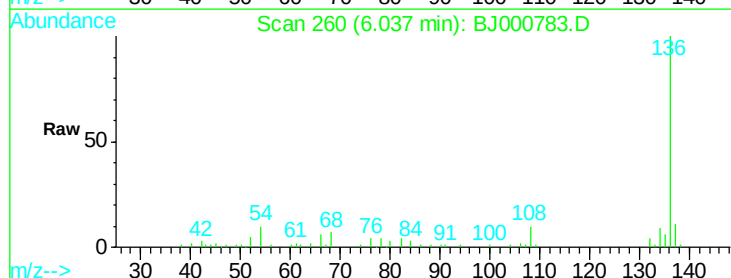
Lab File: BJ000783.D

Acq: 26 Apr 2012 14:46

Tgt Ion: 61 Resp: 13440

Ion Ratio Lower Upper

61	100		
45	75.1	49.4	89.4
47	34.2	7.9	47.9

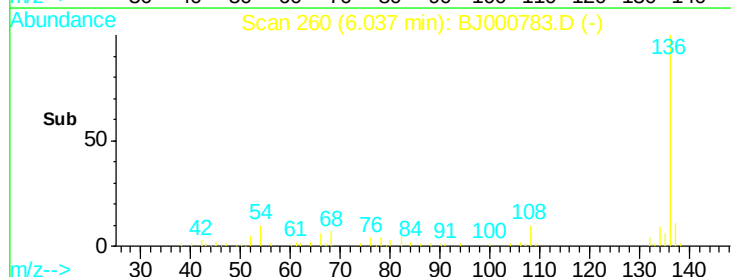
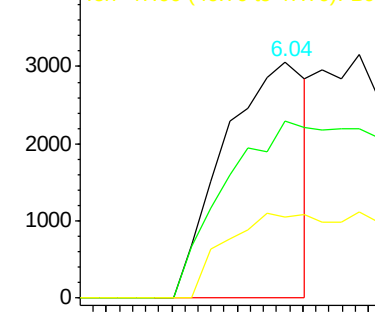


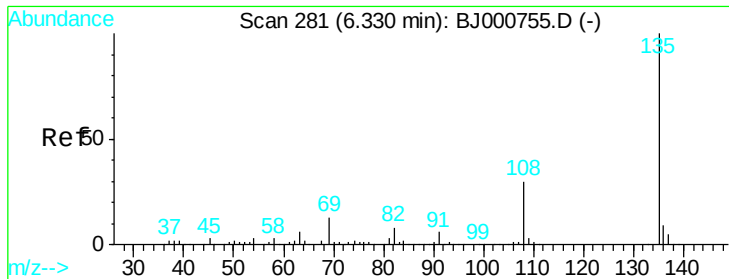
Abundance

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: 0.43 ug/mL

RT: 6.36 min Scan# 283

Delta R.T. 0.02 min

Lab File: BJ000783.D

Acq: 26 Apr 2012 14:46

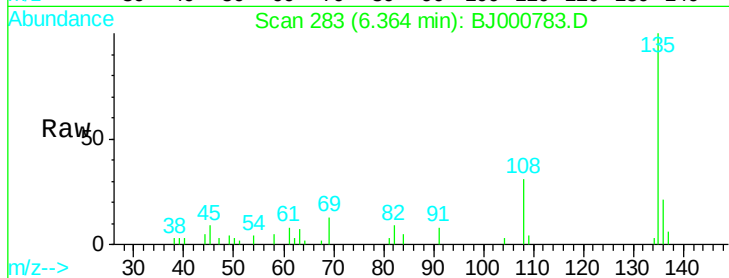
Tgt Ion:135 Resp: 132563

Ion Ratio Lower Upper

135 100

108 30.6 11.0 51.0

69 13.1 0.0 34.2

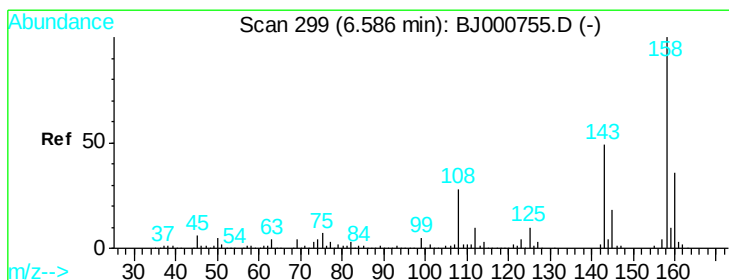
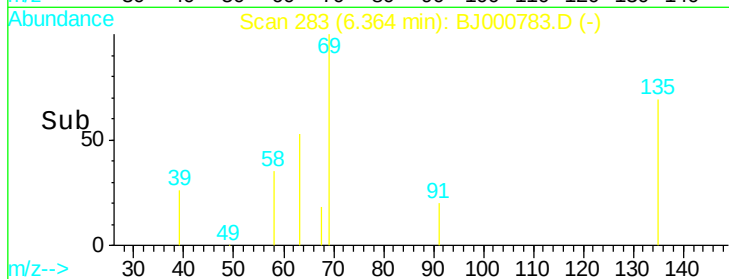
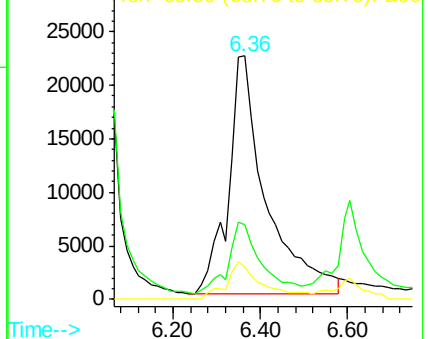


Abundance

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: 0.51 ug/mL

RT: 6.61 min Scan# 300

Delta R.T. 0.00 min

Lab File: BJ000783.D

Acq: 26 Apr 2012 14:46

Tgt Ion:158 Resp: 105430

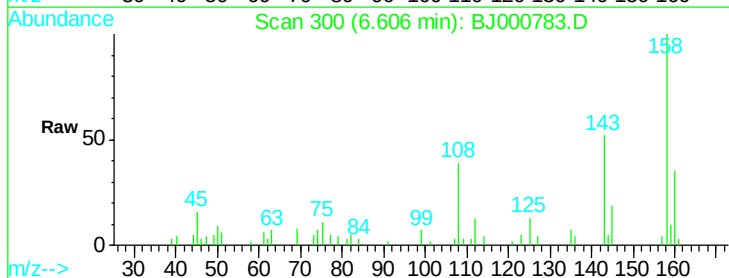
Ion Ratio Lower Upper

158 100

143 52.2 31.4 71.4

108 39.3 15.5 55.5

45 15.6 0.0 32.2



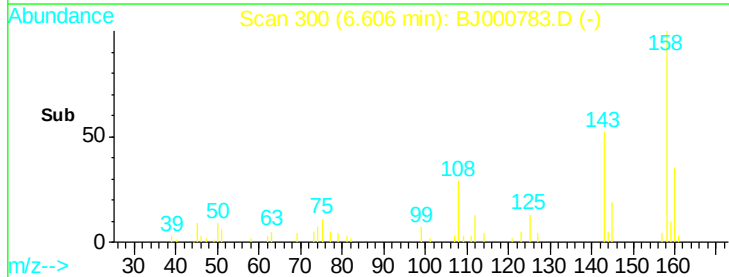
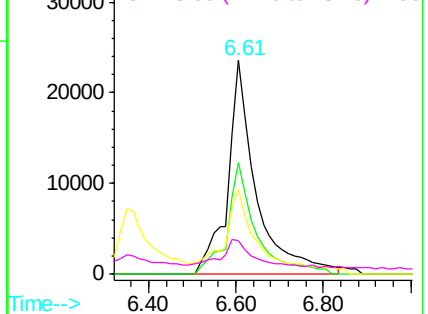
Abundance

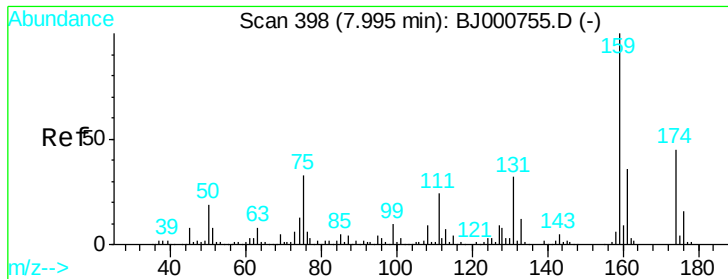
Ion 158.00 (157.70 to 158.70): E

Ion 143.00 (142.70 to 143.70): E

Ion 108.00 (107.70 to 108.70): E

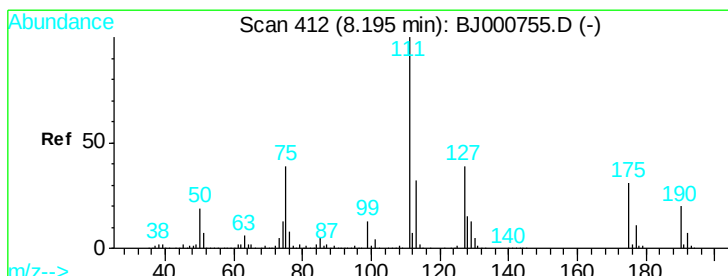
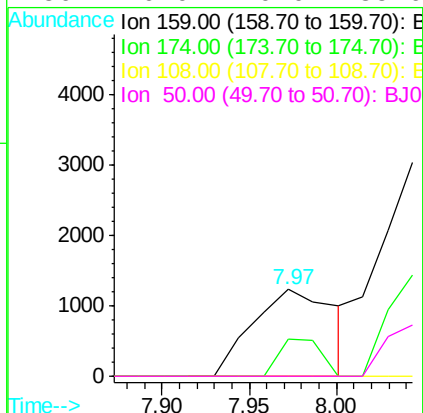
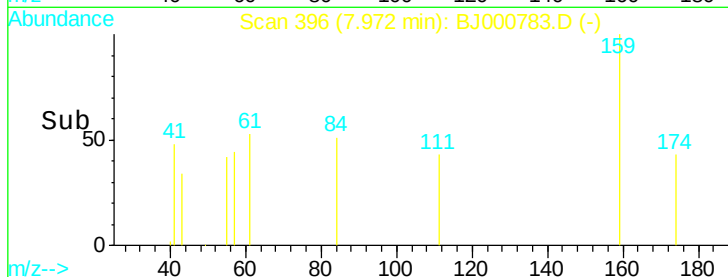
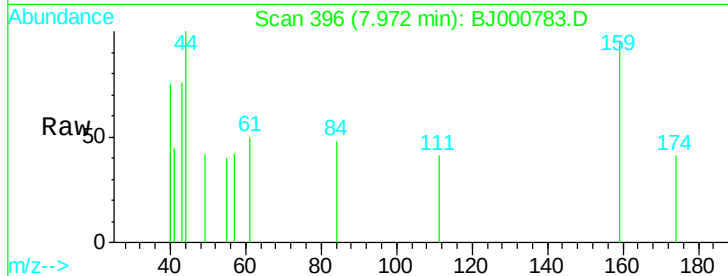
Ion 45.00 (44.70 to 45.70): BJ0





#13
p-Chlorophenylmethylsulfoxide
Concen: 0.04 ug/mL
RT: 7.97 min Scan# 396
Delta R.T. -0.05 min
Lab File: BJ000783.D
Acq: 26 Apr 2012 14:46

Tgt Ion:159 Resp: 4061
Ion Ratio Lower Upper
159 100
174 21.9 31.3 71.3#
108 0.0 0.0 31.3
50 0.0 0.0 35.6



#14
p-Chlorophenylmethylsulfone
Concen: 0.45 ug/mL
RT: 8.23 min Scan# 414
Delta R.T. 0.01 min
Lab File: BJ000783.D
Acq: 26 Apr 2012 14:46

Tgt Ion:111 Resp: 72251
Ion Ratio Lower Upper
111 100
75 38.8 14.1 54.1
127 41.0 21.7 61.7
190 27.4 11.8 51.8

