

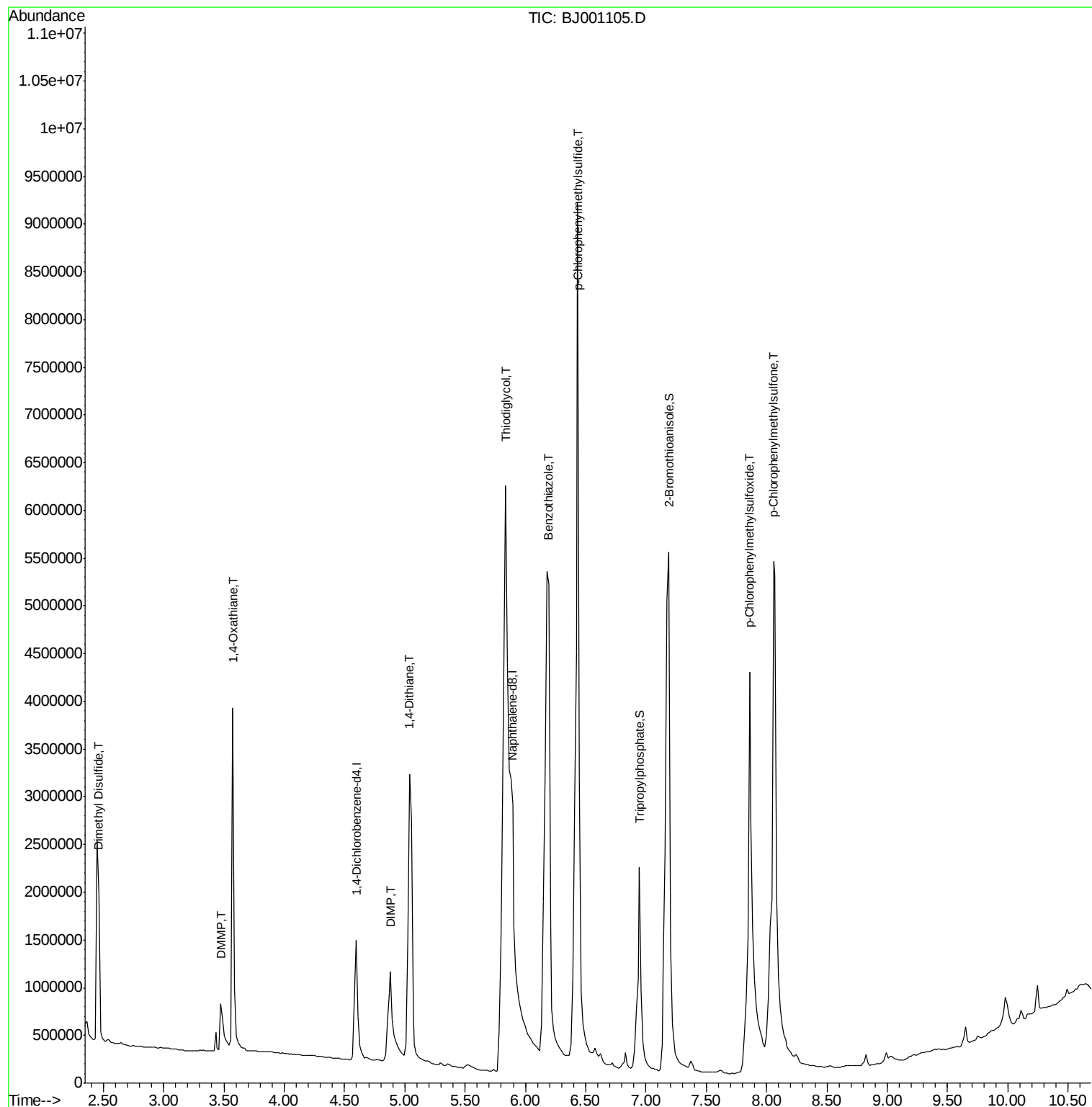
Data Path : Z:\HPCHEM1\BNA_J\DATA\BJ091112\
Data File : BJ001105.D
Acq On : 11 Sep 2012 13:51
Operator : HLM
Sample : CWA-4
Misc : CWA STD BNA_J HLM
ALS Vial : 4 Sample Multiplier: 1

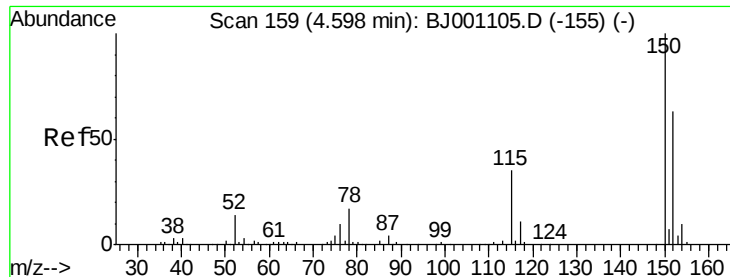
Instrument :
BNA_J
LabSampleId :
CWA-4

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Quant Time: Sep 20 04:53:27 2012
Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ091112.M
Quant Title : CWA degradation products by GCMS
QLast Update : Tue Sep 11 15:29:36 2012
Response via : Initial Calibration





#1

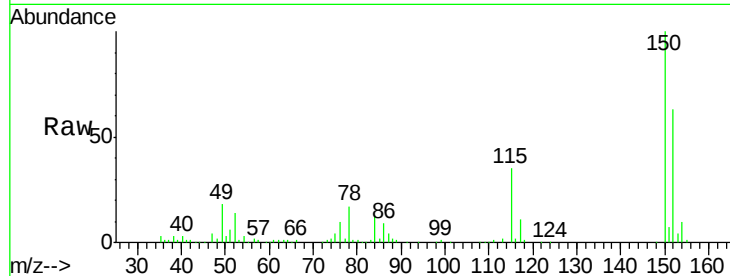
1,4-Dichlorobenzene-d4
Concen: 2.00 ug/mL
RT: 4.60 min Scan# 159
Delta R.T. 0.00 min
Lab File: BJ001105.D
Acq: 11 Sep 2012 13:51

Instrument :
BNA_J
LabSampleId :
CWA-4

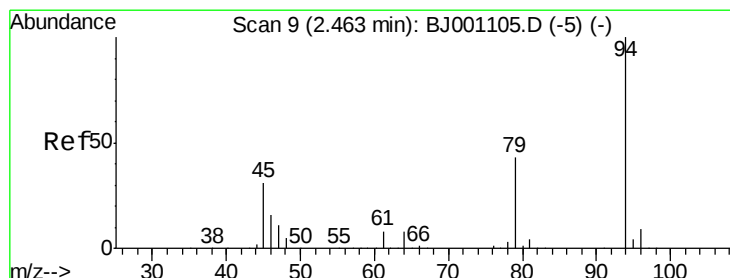
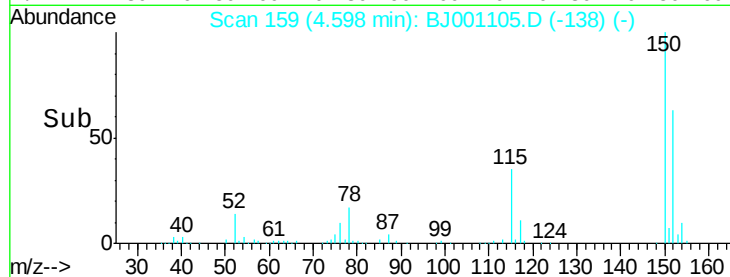
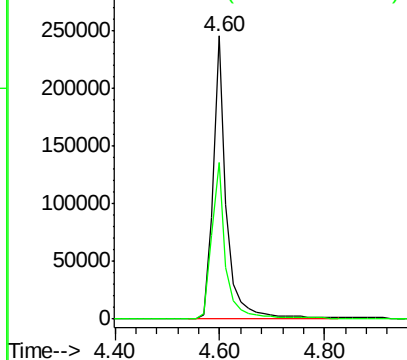
Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.3	35.3	75.3

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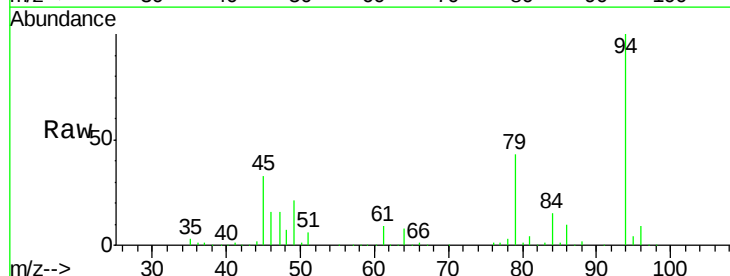
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 115.00 (114.70 to 115.70): E



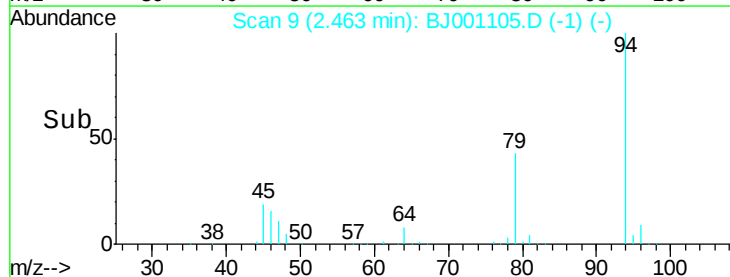
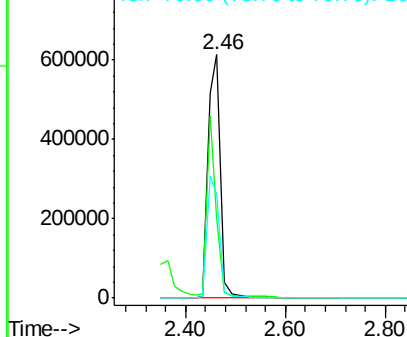
#2

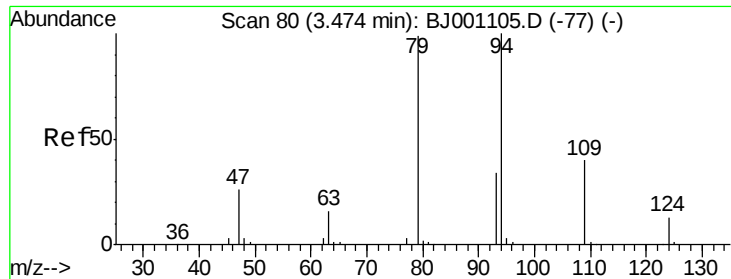
Dimethyl Disulfide
Concen: 6.22 ug/mL
RT: 2.46 min Scan# 9
Delta R.T. 0.00 min
Lab File: BJ001105.D
Acq: 11 Sep 2012 13:51

Tgt Ion	Ratio	Lower	Upper
94	100		
45	32.7	12.7	52.7
79	42.9	22.9	62.9



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: 1.74 ug/mL

RT: 3.47 min Scan# 80

Delta R.T. 0.00 min

Lab File: BJ001105.D

Acq: 11 Sep 2012 13:51

Instrument :

BNA_J

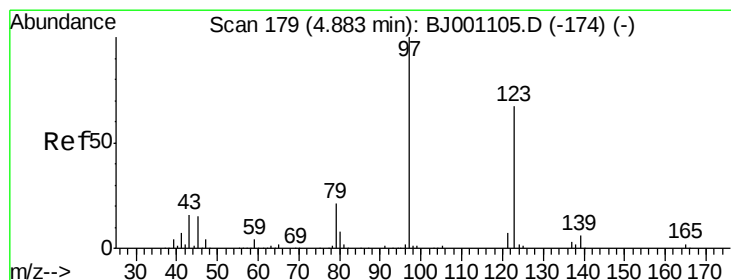
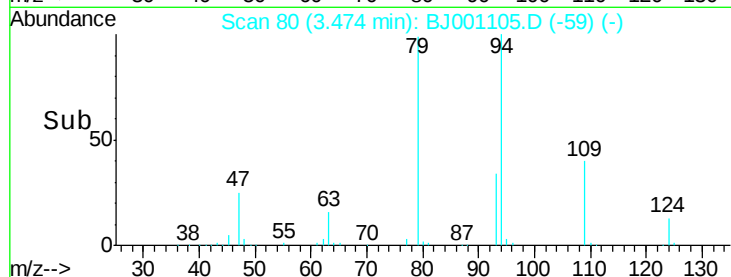
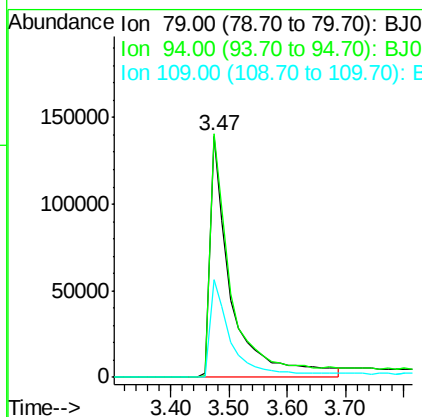
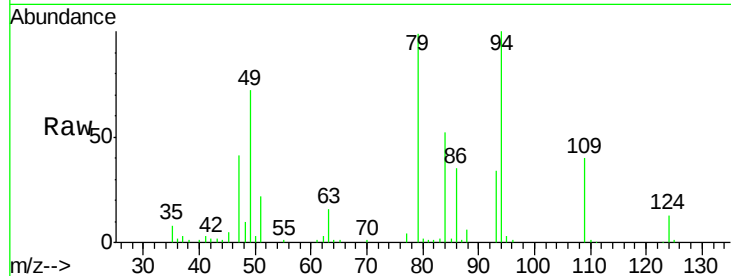
LabSampleId :

CWA-4

Tgt Ion:	79	Resp:	350975
Ion	Ratio	Lower	Upper
79	100		
94	100.9	80.9	120.9
109	40.3	20.3	60.3

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#4

DIMP

Concen: 2.70 ug/mL

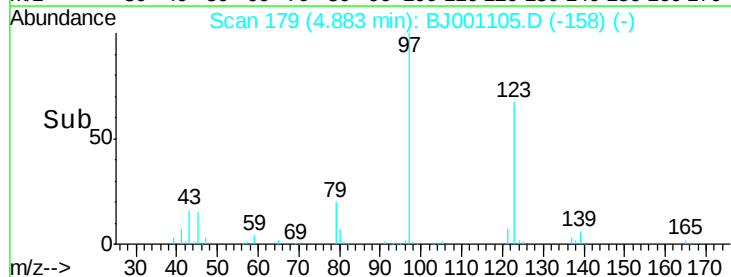
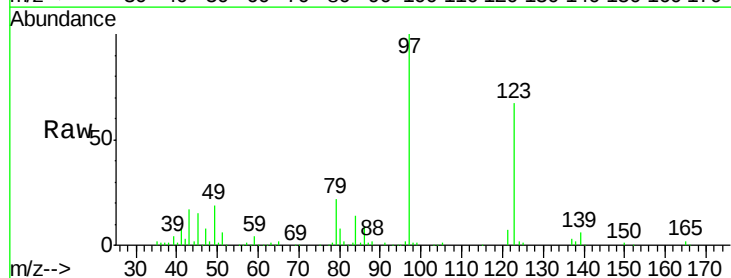
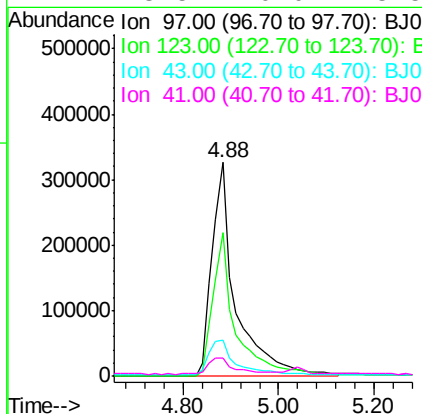
RT: 4.88 min Scan# 179

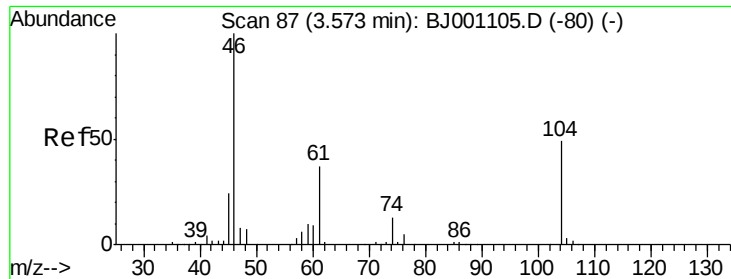
Delta R.T. 0.00 min

Lab File: BJ001105.D

Acq: 11 Sep 2012 13:51

Tgt Ion:	97	Resp:	1123128
Ion	Ratio	Lower	Upper
97	100		
123	67.2	47.2	87.2
43	16.5	0.0	36.5
41	8.5	0.0	28.5





#5

1,4-Oxathiane

Concen: 6.15 ug/mL

RT: 3.57 min Scan# 87

Delta R.T. 0.00 min

Lab File: BJ001105.D

Acq: 11 Sep 2012 13:51

Instrument :

BNA_J

LabSampleId :

CWA-4

Tgt Ion: 46 Resp: 1281762

Ion Ratio Lower Upper

46 100

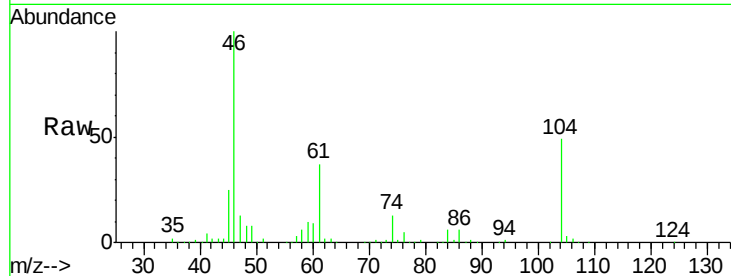
61 37.1 17.1 57.1

104 49.3 29.3 69.3

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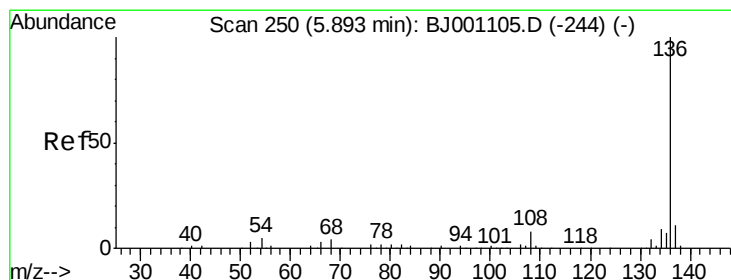
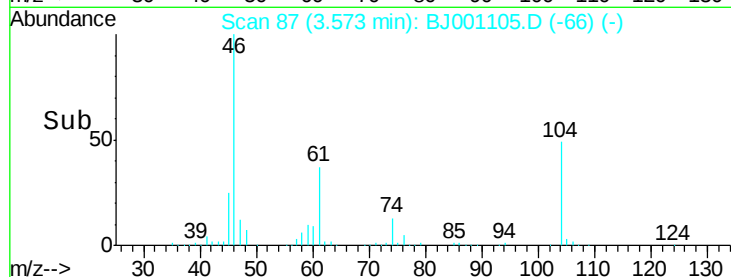
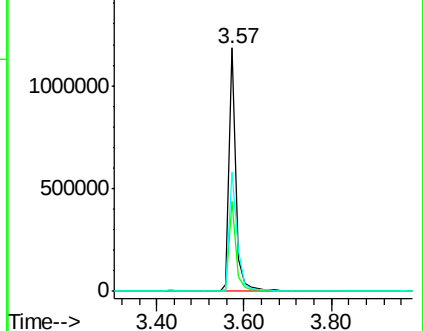
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Abundance Ion 46.00 (45.70 to 46.70): BJ0

Ion 61.00 (60.70 to 61.70): BJ0

Ion 104.00 (103.70 to 104.70): BJ0



#6

Naphthalene-d8

Concen: 2.00 ug/mL

RT: 5.89 min Scan# 250

Delta R.T. 0.00 min

Lab File: BJ001105.D

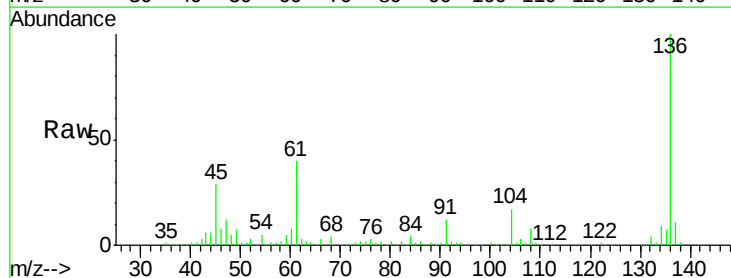
Acq: 11 Sep 2012 13:51

Tgt Ion: 136 Resp: 1997183

Ion Ratio Lower Upper

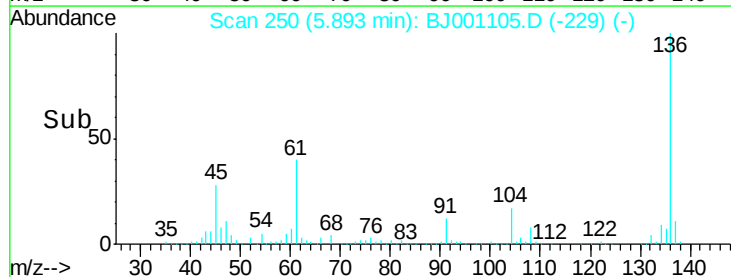
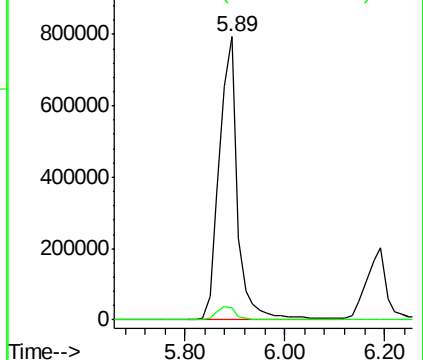
136 100

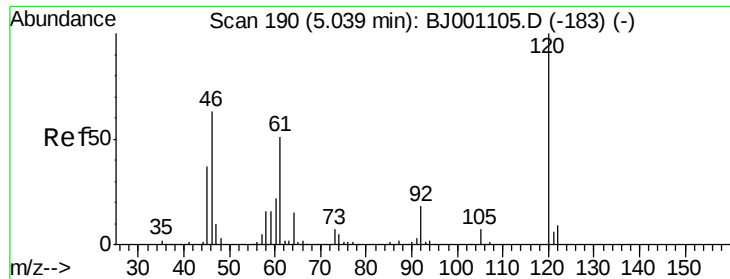
68 4.4 0.0 24.4



Abundance Ion 136.00 (135.70 to 136.70): BJ0

Ion 68.00 (67.70 to 68.70): BJ0





#7

1,4-Dithiane

Concen: 5.37 ug/mL

RT: 5.04 min Scan# 190

Delta R.T. 0.00 min

Lab File: BJ001105.D

Acq: 11 Sep 2012 13:51

Instrument :

BNA_J

LabSampleId :

CWA-4

Tgt Ion: 46 Resp: 1007562

Ion Ratio Lower Upper

46 100

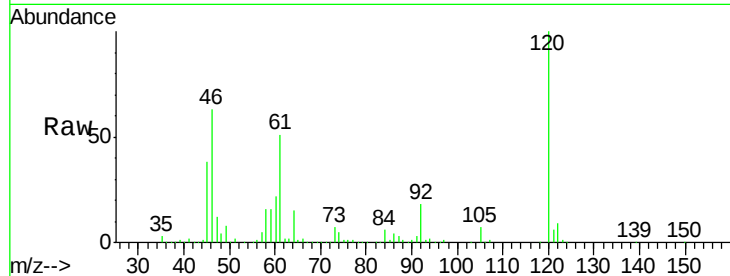
61 80.0 60.0 100.0

120 158.1 138.1 178.1

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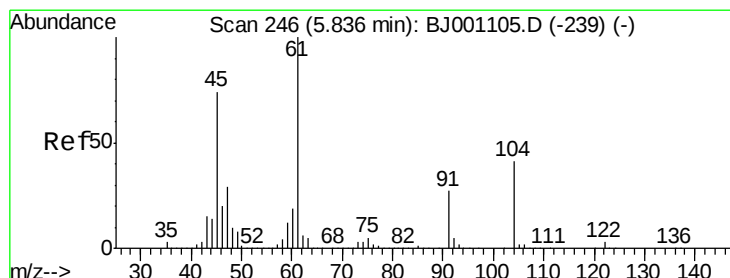
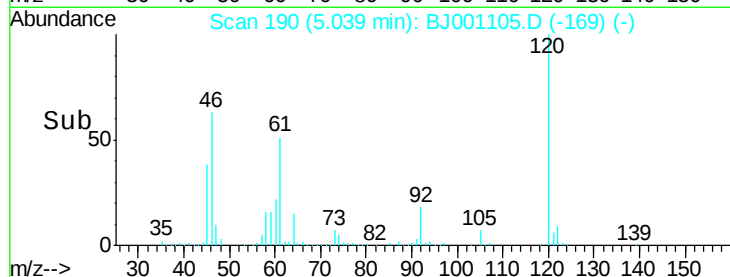
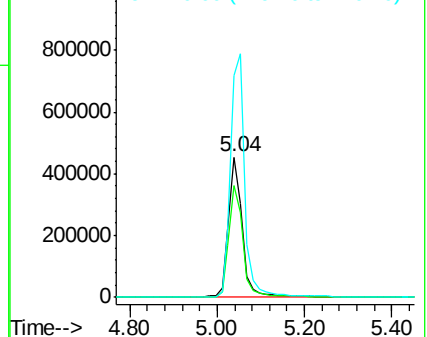


Abundance

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: 46.69 ug/mL m

RT: 5.84 min Scan# 246

Delta R.T. 0.00 min

Lab File: BJ001105.D

Acq: 11 Sep 2012 13:51

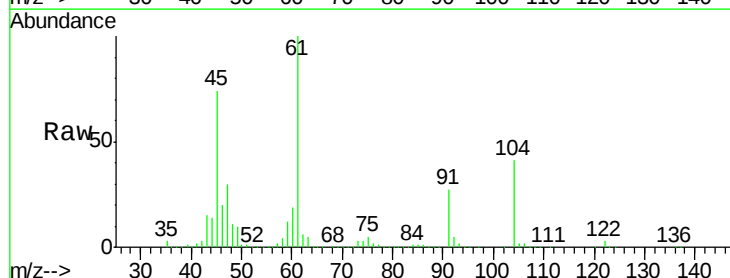
Tgt Ion: 61 Resp: 7439319

Ion Ratio Lower Upper

61 100

45 74.0 54.0 94.0

47 29.6 9.6 49.6

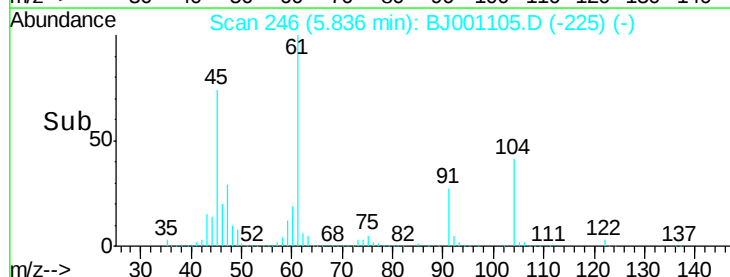
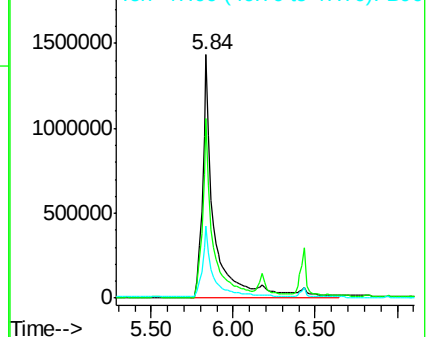


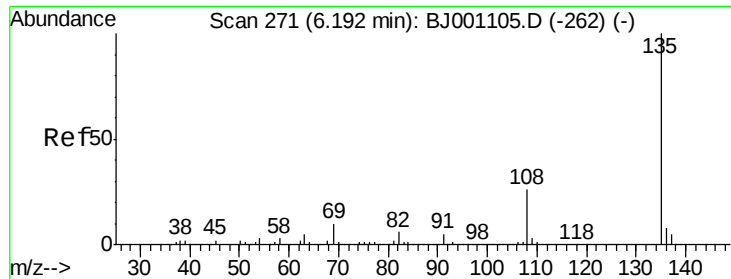
Abundance

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: 12.75 ug/mL

RT: 6.19 min Scan# 271

Delta R.T. 0.00 min

Lab File: BJ001105.D

Acq: 11 Sep 2012 13:51

Instrument :

BNA_J

LabSampleId :

CWA-4

Tgt Ion:135 Resp: 6557711

Ion Ratio Lower Upper

135 100

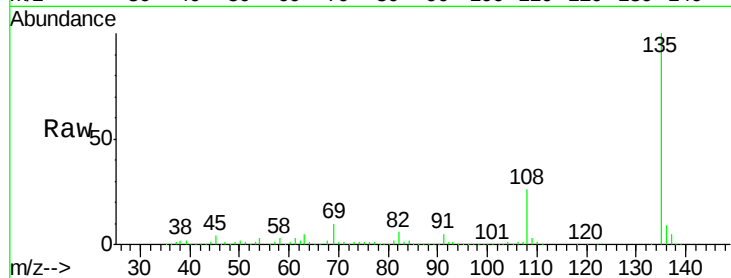
108 25.8 5.8 45.8

69 10.2 0.0 30.2

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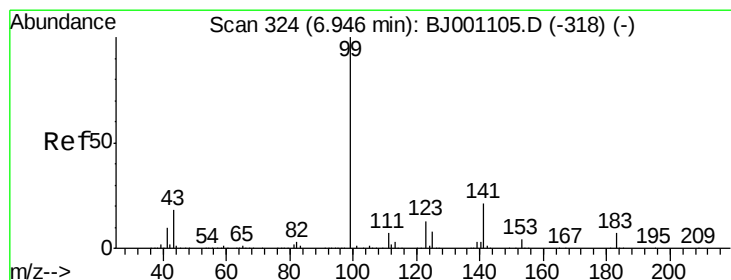
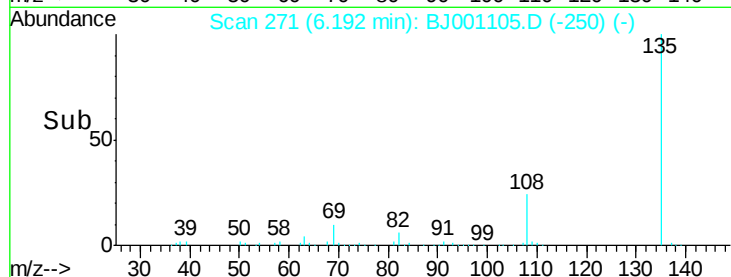
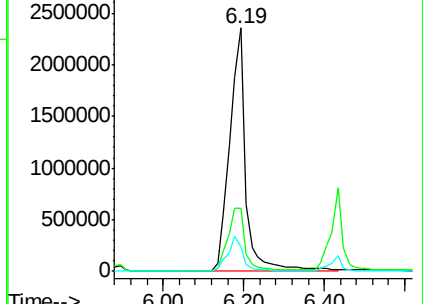
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Abundance Ion 135.00 (134.70 to 135.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 69.00 (68.70 to 69.70): BJO



#10

Tripropylphosphate

Concen: 2.84 ug/mL

RT: 6.95 min Scan# 324

Delta R.T. 0.00 min

Lab File: BJ001105.D

Acq: 11 Sep 2012 13:51

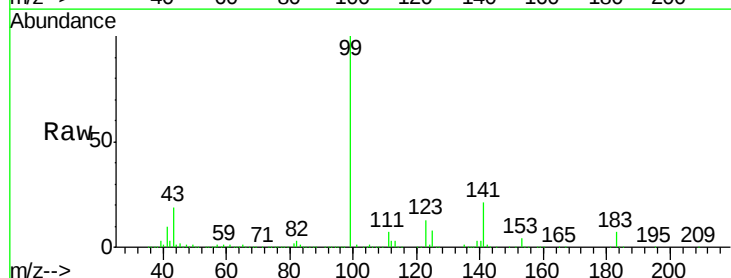
Tgt Ion: 99 Resp: 2075303

Ion Ratio Lower Upper

99 100

141 20.0 16.0 24.0

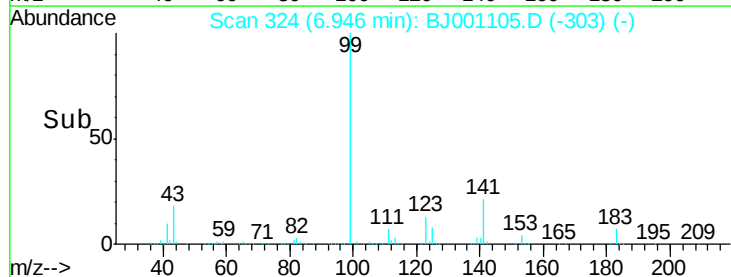
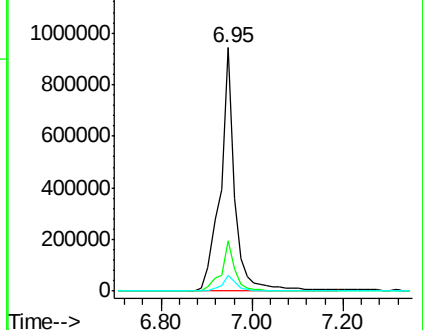
183 7.0 5.6 8.4

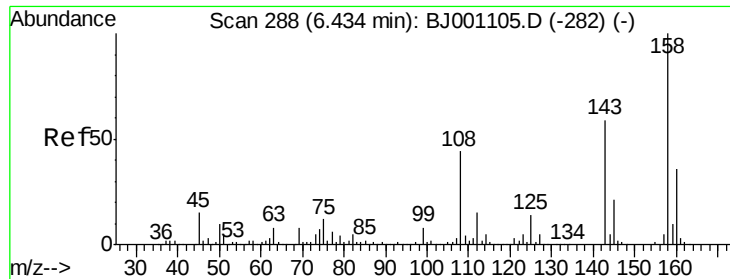


Abundance Ion 99.00 (98.70 to 99.70): BJO

Ion 141.00 (140.70 to 141.70): E

Ion 183.00 (182.70 to 183.70): E





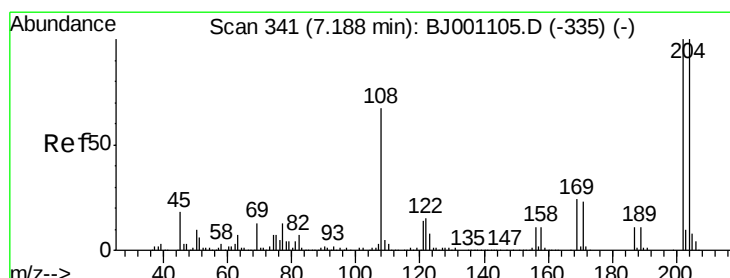
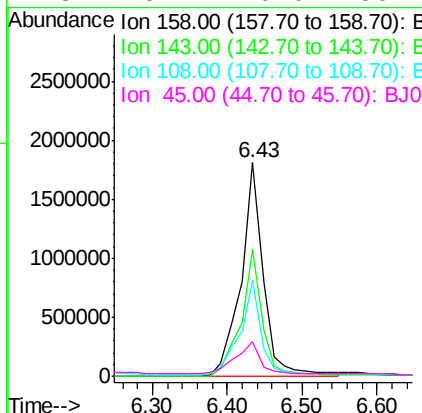
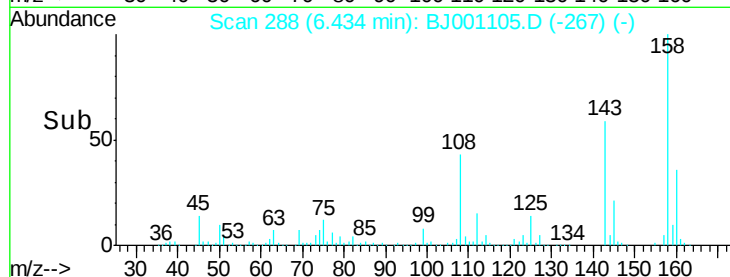
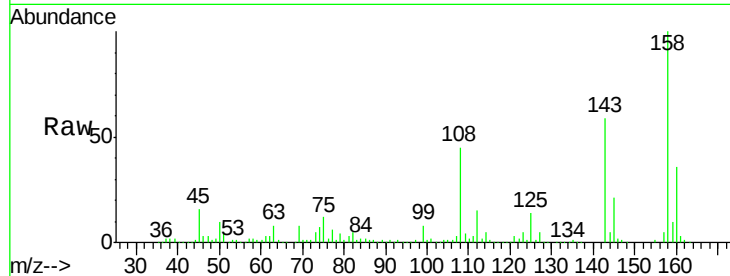
#11
p-Chlorophenylmethylsulfide
Concen: 11.99 ug/mL
RT: 6.43 min Scan# 288
Delta R.T. 0.00 min
Lab File: BJ001105.D
Acq: 11 Sep 2012 13:51

Instrument :
BNA_J
LabSampleId :
CWA-4

Tgt Ion:	158	Resp:	3780123
Ion	Ratio	Lower	Upper
158	100		
143	59.2	39.2	79.2
108	44.9	24.9	64.9
45	16.2	0.0	36.2

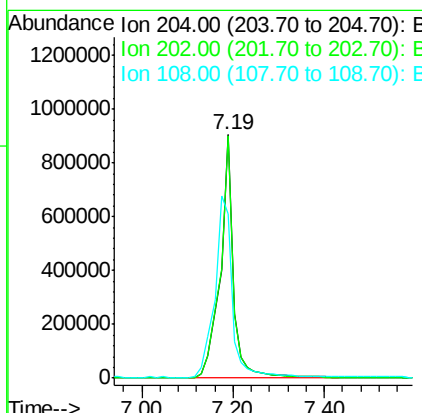
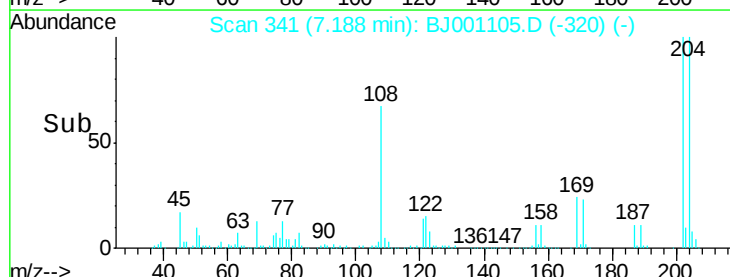
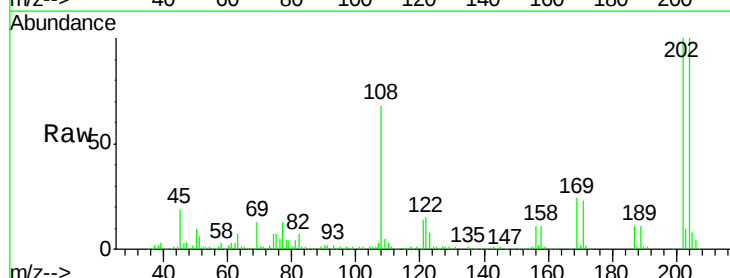
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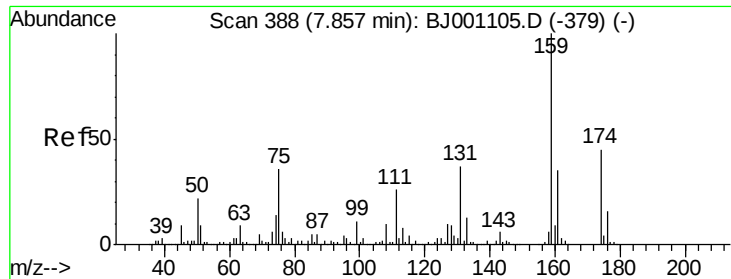
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#12
2-Bromothioanisole
Concen: 11.78 ug/mL
RT: 7.19 min Scan# 341
Delta R.T. 0.00 min
Lab File: BJ001105.D
Acq: 11 Sep 2012 13:51

Tgt Ion:	204	Resp:	1838234
Ion	Ratio	Lower	Upper
204	100		
202	99.8	79.8	119.8
108	67.7	47.7	87.7





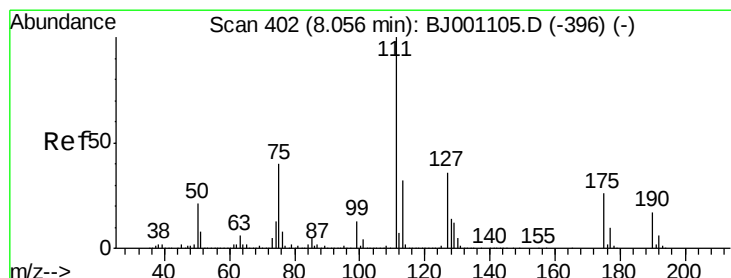
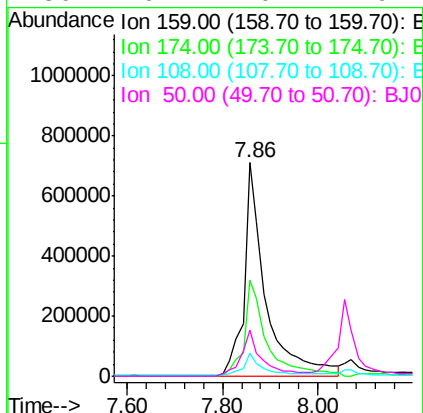
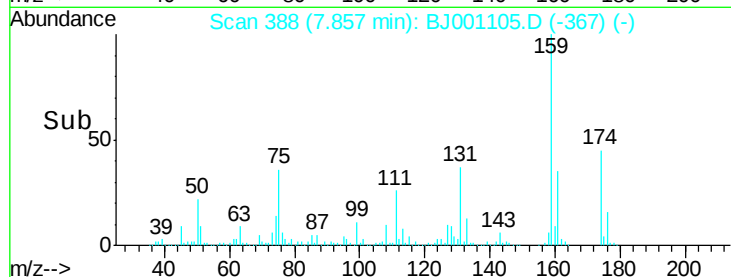
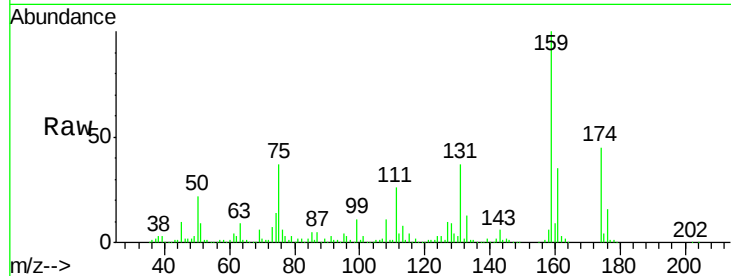
#13
p-Chlorophenylmethylsulfoxide
Concen: 11.62 ug/mL
RT: 7.86 min Scan# 388
Delta R.T. 0.00 min
Lab File: BJ001105.D
Acq: 11 Sep 2012 13:51

Instrument :
BNA_J
LabSampleId :
CWA-4

Tgt Ion	Ratio	Lower	Upper
159	100		
174	47.2	27.2	67.2
108	9.4	0.0	29.4
50	20.7	0.7	40.7

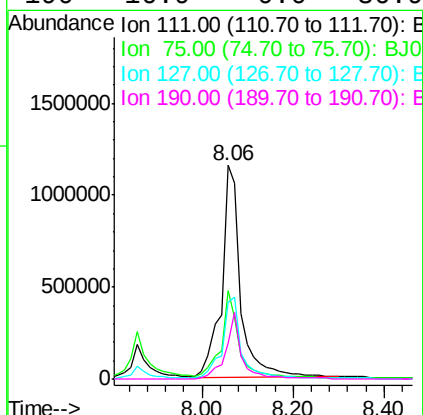
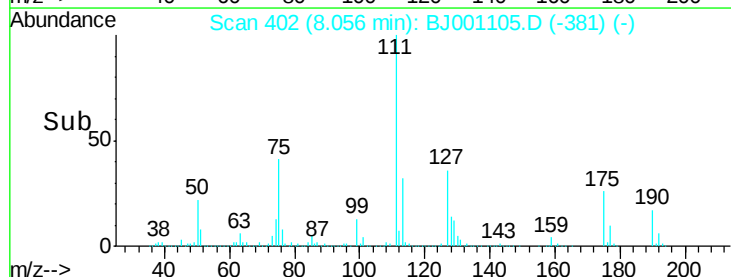
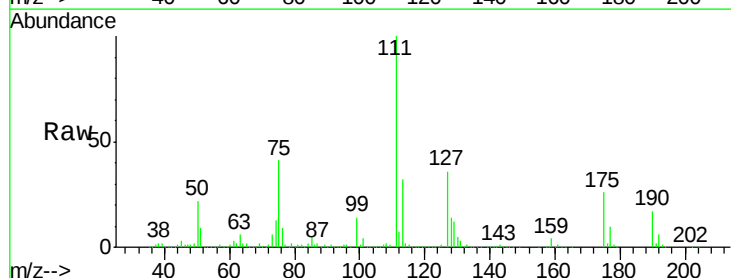
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#14
p-Chlorophenylmethylsulfone
Concen: 10.64 ug/mL
RT: 8.06 min Scan# 402
Delta R.T. 0.00 min
Lab File: BJ001105.D
Acq: 11 Sep 2012 13:51

Tgt Ion	Ratio	Lower	Upper
111	100		
75	41.3	21.3	61.3
127	36.0	16.0	56.0
190	16.9	0.0	36.9



Data Path : Z:\HPCHEM1\BNA_J\DATA\BJ091112\
 Data File : BJ001105.D
 Acq On : 11 Sep 2012 13:51
 Operator : HLM
 Sample : CWA-4
 Misc : CWA STD BNA_J HLM
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_J
 LabSampleId :
 CWA-4

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Quant Time: Sep 20 04:53:27 2012
 Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ091112.M
 Quant Title : CWA degradation products by GCMS
 QLast Update : Tue Sep 11 15:29:36 2012
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.60	152	447958	2.00	ug/mL	0.00
6) Naphthalene-d8	5.89	136	1997183	2.00	ug/mL	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
10) Tripropylphosphate		6.95	99	2075303	2.84	ug/mL	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	568.00%#	
12) 2-Bromothioanisole		7.19	204	1838234	11.78	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	235.60%#	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dimethyl Disulfide	2.46	94	1042467	6.22	ug/mL	100
3) DMMP	3.47	79	350975	1.74	ug/mL	100
4) DIMP	4.88	97	1123128	2.70	ug/mL	100
5) 1,4-Oxathiane	3.57	46	1281762	6.15	ug/mL	100
7) 1,4-Dithiane	5.04	46	1007562	5.37	ug/mL	100
8) Thiodiglycol	5.84	61	7439319m	46.69	ug/mL	
9) Benzothiazole	6.19	135	6557711	12.75	ug/mL	100
11) p-Chlorophenylmethyldisulfid	6.43	158	3780123	11.99	ug/mL	100
13) p-Chlorophenylmethyldisulfox	7.86	159	2240646	11.62	ug/mL	100
14) p-Chlorophenylmethyldisulfon	8.06	111	3347894	10.64	ug/mL	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed