

Data Path : S:\HPCHEM1\BNA_J\data\BJ092412\
 Data File : BJ001144.D
 Acq On : 24 Sep 2012 15:52
 Operator : HLM
 Sample : CWA-6
 Misc : CWA STD BNA_J HLM
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_J
 LabSampleId :
 CWA-6

Manual Integrations
 APPROVED

AHPatel
 10/9/2012 7:05:48 AM

Quant Time: Oct 05 08:21:44 2012
 Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ092412.M
 Quant Title : CWA degradation products by GCMS
 QLast Update : Thu Sep 27 16:58:07 2012
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.301	152	486232m	2.00	ug/mL	-0.11
6) Naphthalene-d8	5.482	136	1858041m	2.00	ug/mL	-0.20
System Monitoring Compounds						
10) Tripropylphosphate	6.535	99	7779932m	9.70	ug/mL	-0.21
Spiked Amount 0.500	Range 70	- 130	Recovery	= 1940.00	%#	
12) 2-Bromothioanisole	6.977	204	7706821m	53.71	ug/mL	0.00
Spiked Amount 5.000	Range 70	- 130	Recovery	= 1074.20	%#	
Target Compounds						
						Qvalue
2) Dimethyl Disulfide	2.280	94	4014853m	18.76	ug/mL	
3) DMMP	3.333	79	1973626	9.70	ug/mL	92
4) DIMP	4.543	97	4509913m	8.76	ug/mL	
5) 1,4-Oxathiane	3.461	46	4495685	22.01	ug/mL	88
7) 1,4-Dithiane	4.699	46	3744064m	23.62	ug/mL	
8) Thiodiglycol	5.496	61	26841047m	178.35	ug/mL	
9) Benzothiazole	5.767	135	28075527m	55.63	ug/mL	
11) p-Chlorophenylmethylsu...	6.236	158	16266579m	54.51	ug/mL	
13) p-Chlorophenylmethylsu...	7.645	159	12233032m	64.05	ug/mL	
14) p-Chlorophenylmethylsu...	7.603	111	15747301m	45.01	ug/mL	

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

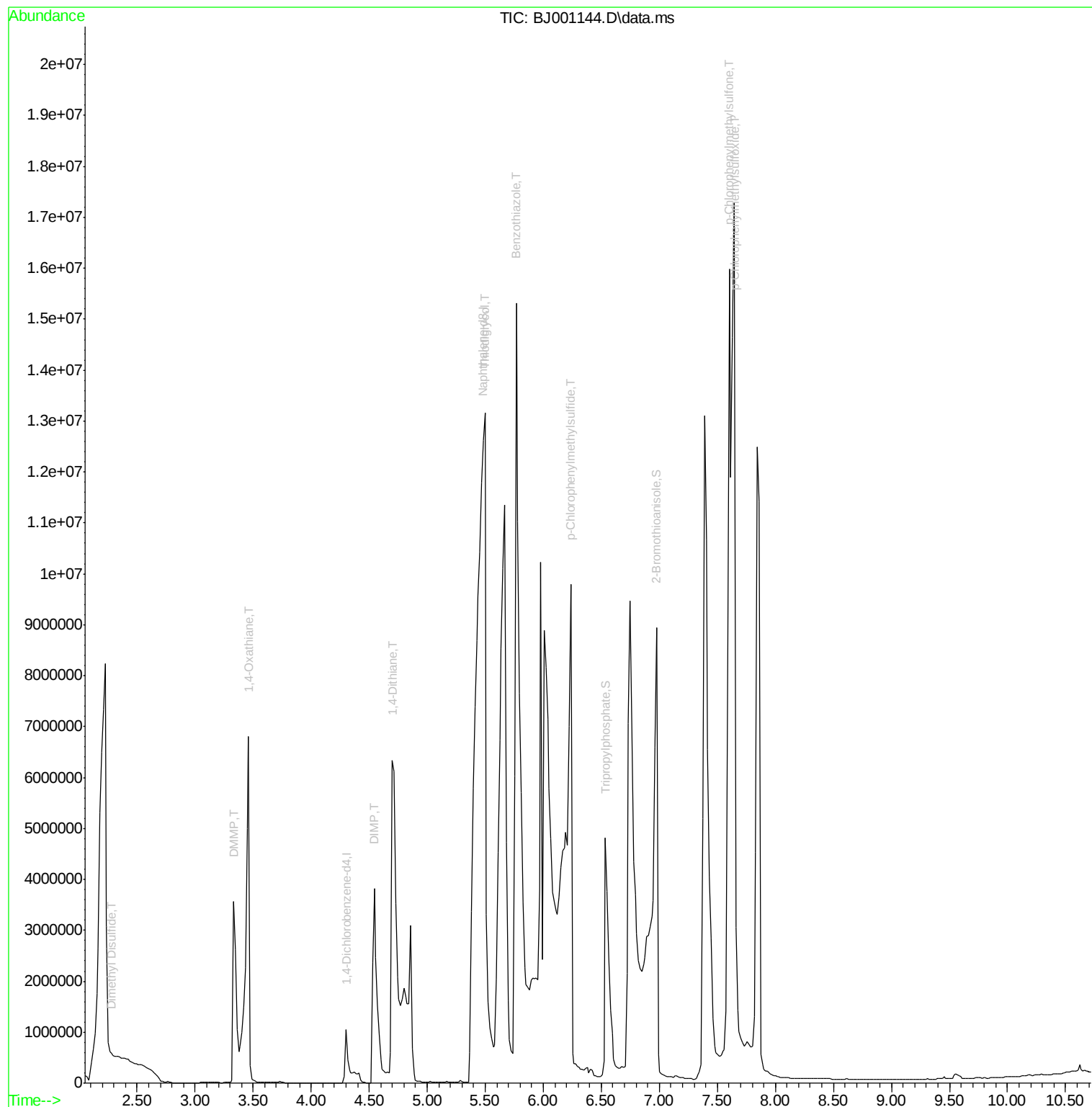
Data Path : S:\HPCHEM1\BNA_J\data\BJ092412\
Data File : BJ001144.D
Acq On : 24 Sep 2012 15:52
Operator : HLM
Sample : CWA-6
Misc : CWA STD BNA_J HLM
ALS Vial : 2 Sample Multiplier: 1

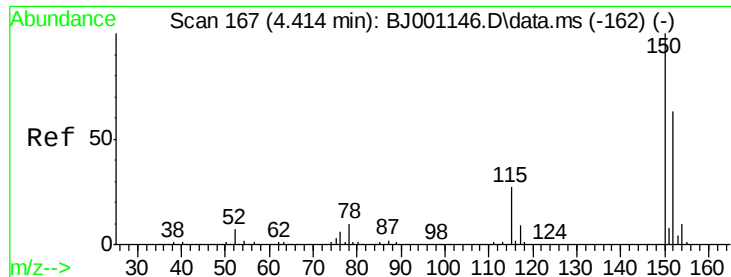
Instrument :
BNA_J
LabSampleId :
CWA-6

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Quant Time: Oct 05 08:21:44 2012
Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ092412.M
Quant Title : CWA degradation products by GCMS
QLast Update : Thu Sep 27 16:58:07 2012
Response via : Initial Calibration





#1

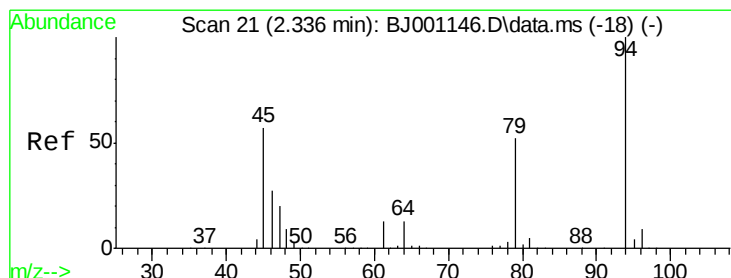
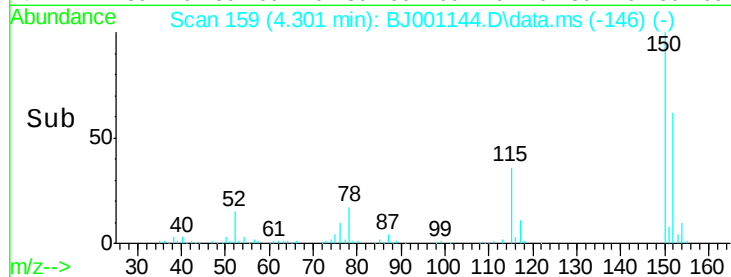
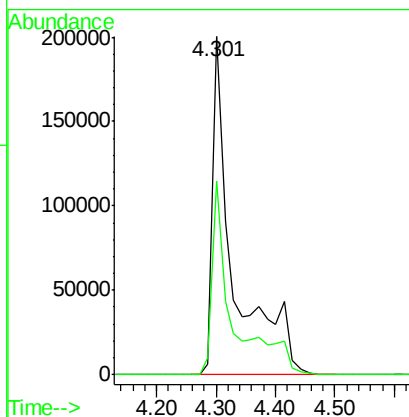
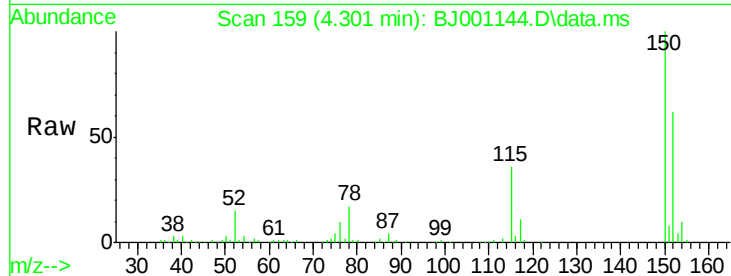
1,4-Dichlorobenzene-d4
Concen: 2.00 ug/mL m
RT: 4.301 min Scan# 15
Delta R.T. -0.113 min
Lab File: BJ001144.D
Acq: 24 Sep 2012 15:52

Instrument :
BNA_J
LabSampleId :
CWA-6

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	486232		
115	57.2	22.8	62.8	

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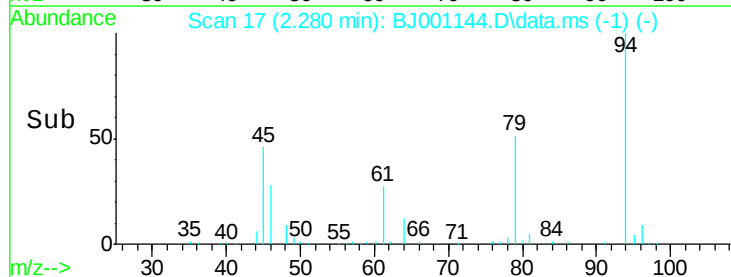
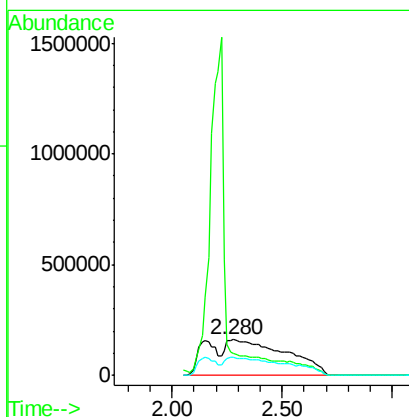
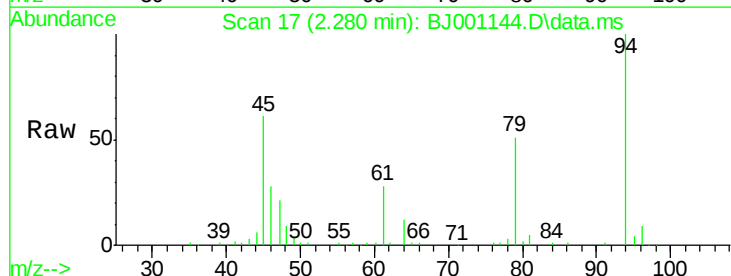
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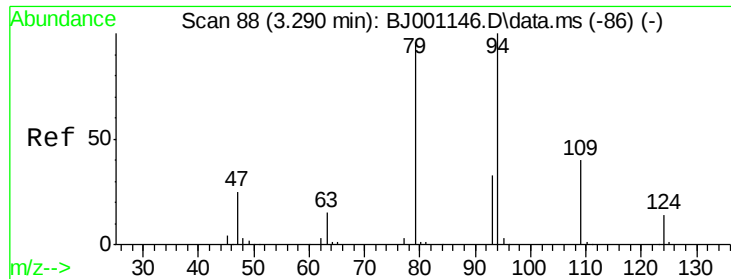


#2

Dimethyl Disulfide
Concen: 18.76 ug/mL m
RT: 2.280 min Scan# 17
Delta R.T. -0.056 min
Lab File: BJ001144.D
Acq: 24 Sep 2012 15:52

Tgt Ion	Ratio	Resp	Lower	Upper
94	100	4014853		
45	60.7	36.7	76.7	
79	50.6	31.6	71.6	





#3

DMMP

Concen: 9.70 ug/mL

RT: 3.333 min Scan# 91

Delta R.T. 0.043 min

Lab File: BJ001144.D

Acq: 24 Sep 2012 15:52

Instrument :

BNA_J

LabSampleId :

CWA-6

Tgt Ion: 79 Resp: 1973626

Ion Ratio Lower Upper

79 100

94 96.3 83.7 123.7

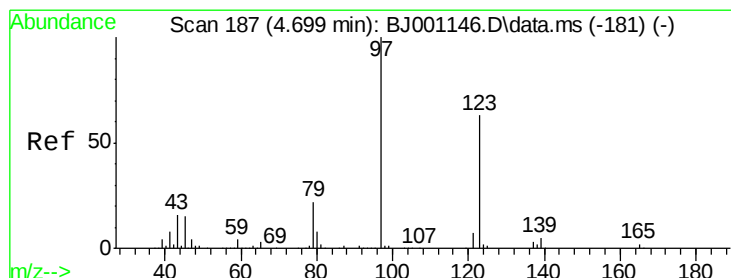
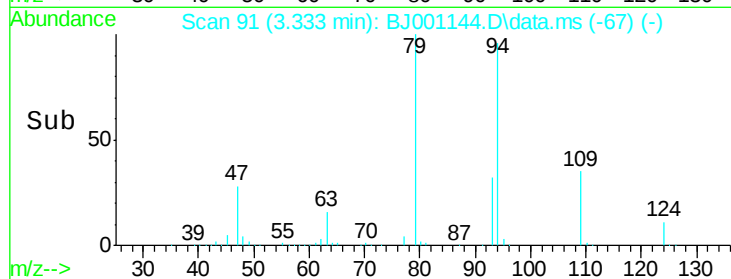
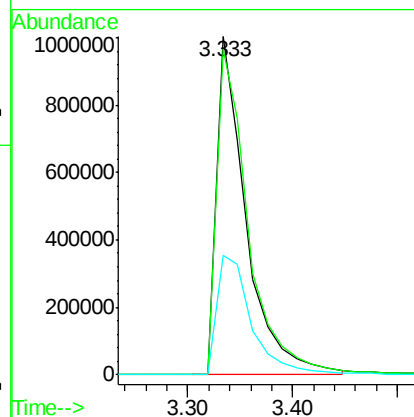
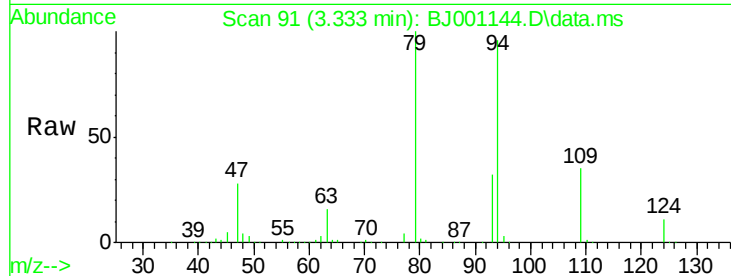
109 35.4 21.5 61.5

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#4

DIMP

Concen: 8.76 ug/mL m

RT: 4.543 min Scan# 176

Delta R.T. -0.156 min

Lab File: BJ001144.D

Acq: 24 Sep 2012 15:52

Tgt Ion: 97 Resp: 4509913

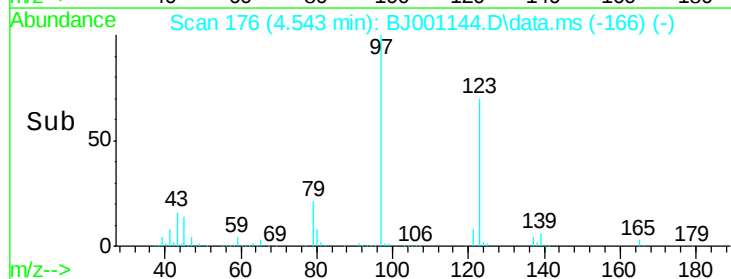
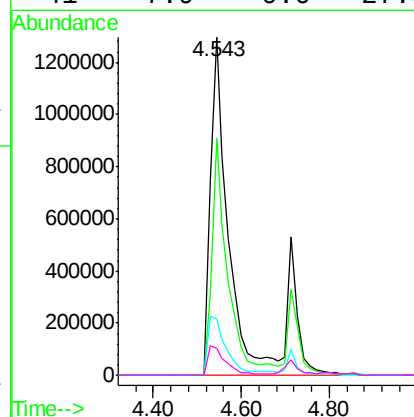
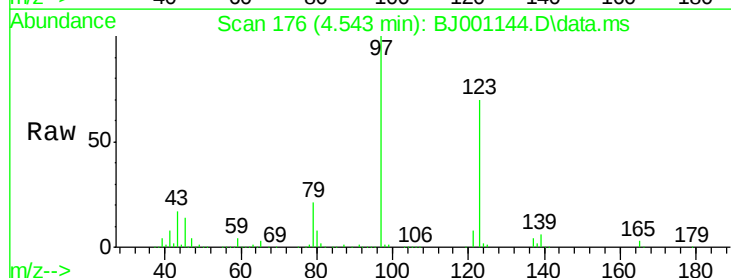
Ion Ratio Lower Upper

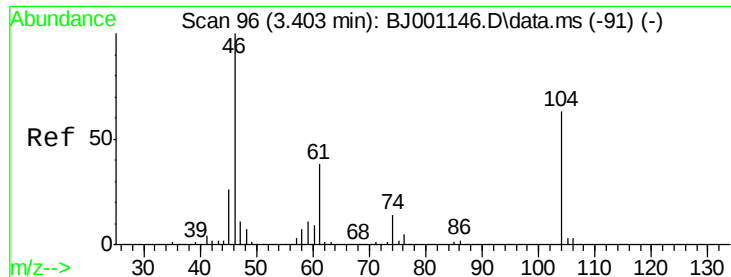
97 100

123 70.0 43.3 83.3

43 16.6 0.0 36.5

41 7.9 0.0 27.9





#5

1,4-Oxathiane

Concen: 22.01 ug/mL

RT: 3.461 min Scan# 10

Delta R.T. 0.058 min

Lab File: BJ001144.D

Acq: 24 Sep 2012 15:52

Instrument :

BNA_J

LabSampleId :

CWA-6

Tgt Ion: 46 Resp: 4495685

Ion Ratio Lower Upper

46 100

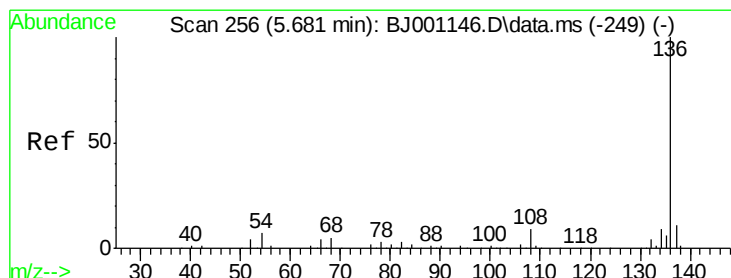
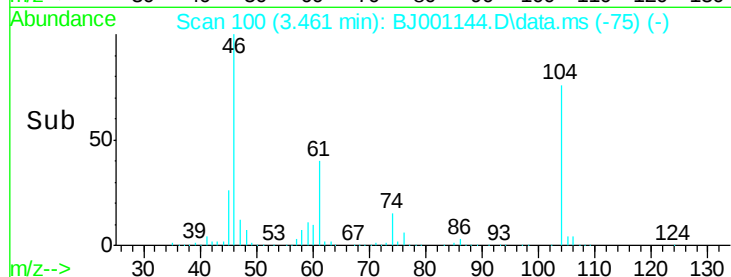
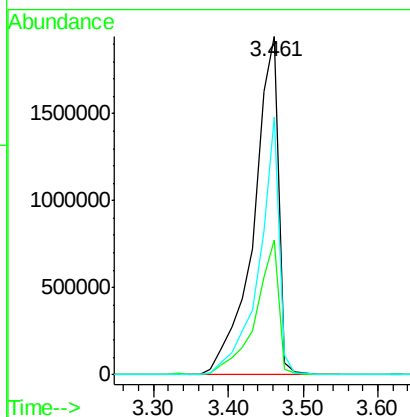
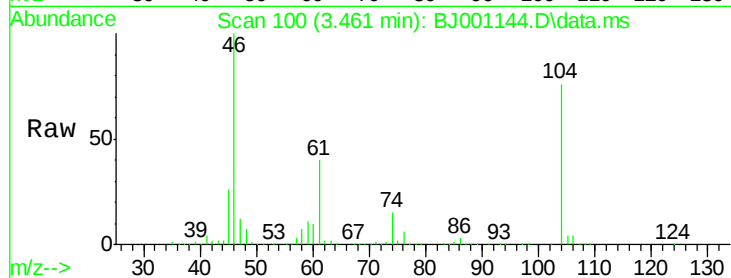
61 39.6 18.0 58.0

104 76.3 43.0 83.0

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#6

Naphthalene-d8

Concen: 2.00 ug/mL m

RT: 5.482 min Scan# 242

Delta R.T. -0.198 min

Lab File: BJ001144.D

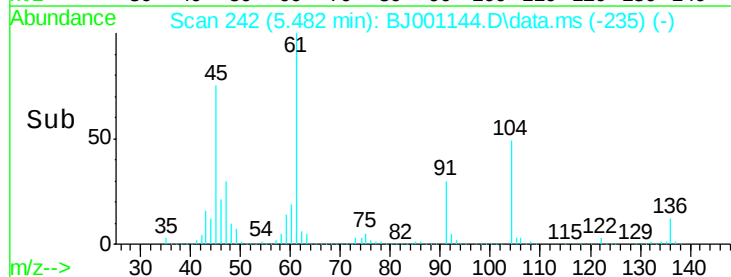
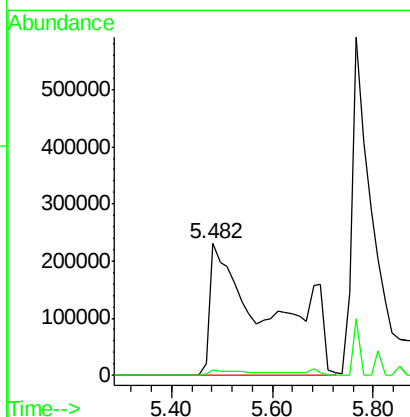
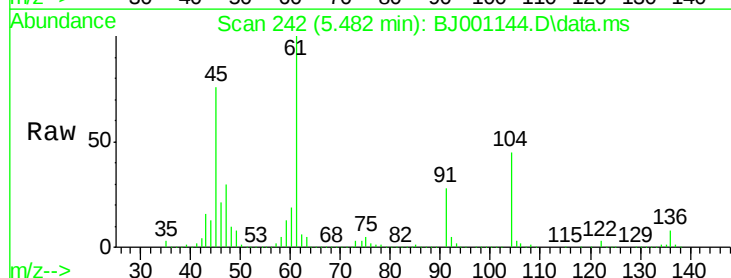
Acq: 24 Sep 2012 15:52

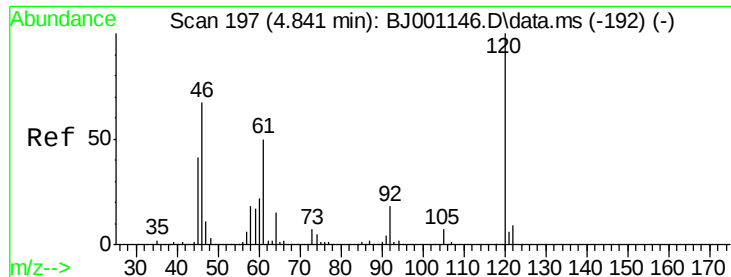
Tgt Ion: 136 Resp: 1858041

Ion Ratio Lower Upper

136 100

68 3.6 0.0 24.9





#7

1,4-Dithiane

Concen: 23.62 ug/mL m

RT: 4.699 min Scan# 18

Delta R.T. -0.142 min

Lab File: BJ001144.D

Acq: 24 Sep 2012 15:52

Instrument :

BNA_J

LabSampleId :

CWA-6

Tgt Ion: 46 Resp: 3744064

Ion Ratio Lower Upper

46 100

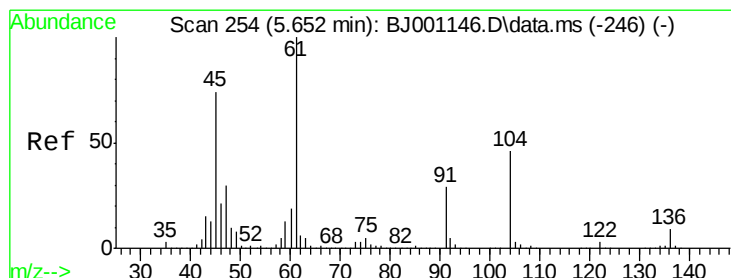
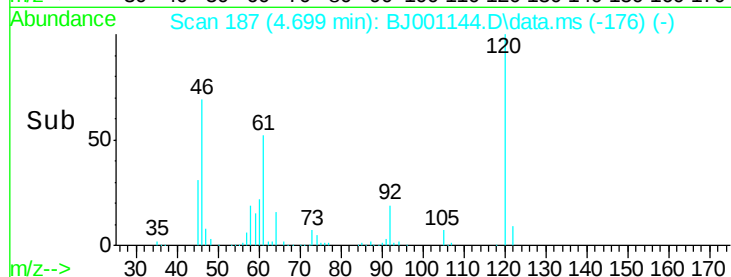
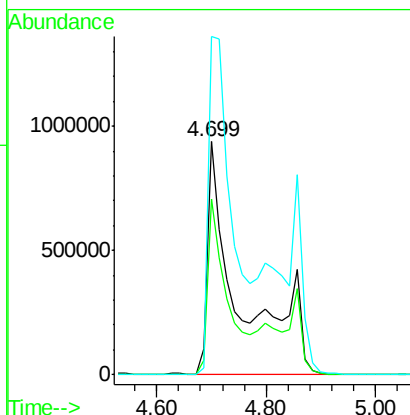
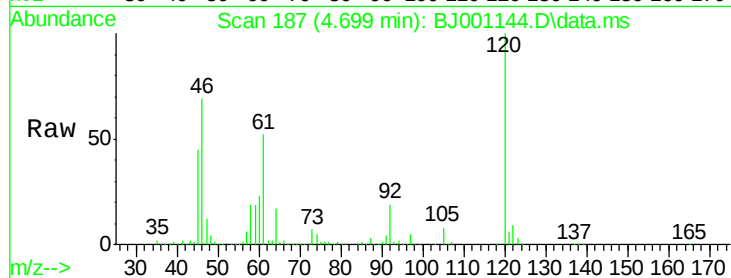
61 75.2 54.6 94.6

120 145.2 129.2 169.2

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#8

Thiodiglycol

Concen: 178.35 ug/mL m

RT: 5.496 min Scan# 243

Delta R.T. -0.156 min

Lab File: BJ001144.D

Acq: 24 Sep 2012 15:52

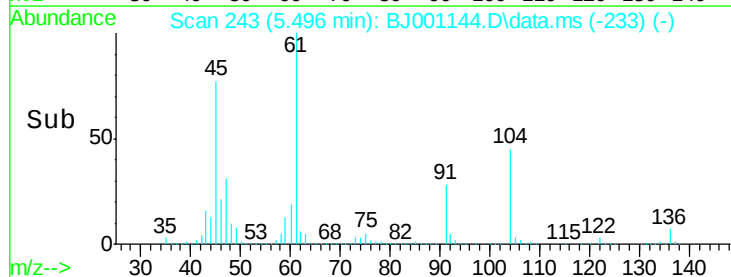
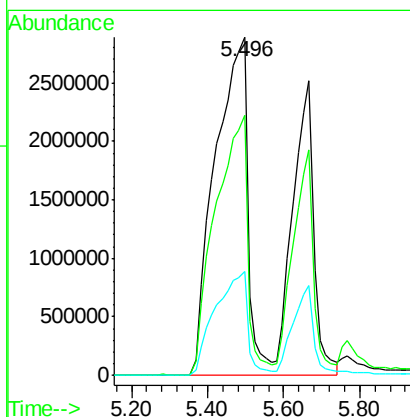
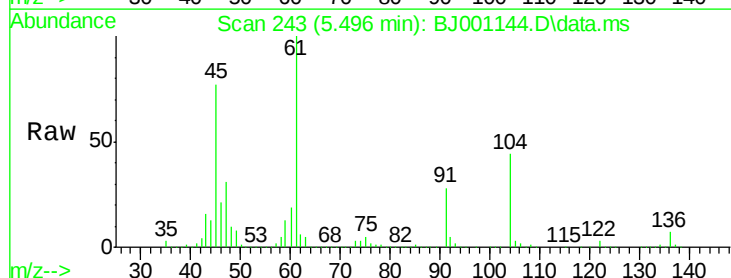
Tgt Ion: 61 Resp: 26841047

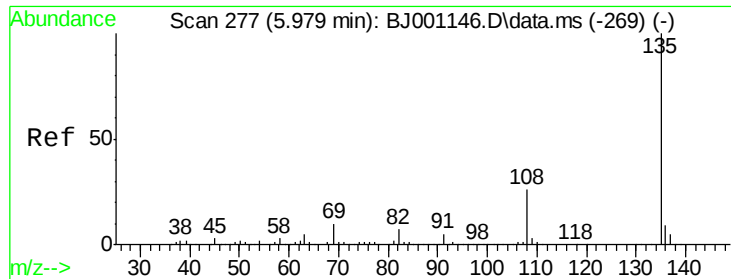
Ion Ratio Lower Upper

61 100

45 76.9 54.2 94.2

47 30.5 9.7 49.7





#9

Benzothiazole

Concen: 55.63 ug/mL m

RT: 5.767 min Scan# 26

Delta R.T. -0.213 min

Lab File: BJ001144.D

Acq: 24 Sep 2012 15:52

Instrument :

BNA_J

LabSampleId :

CWA-6

Tgt Ion:135 Resp:28075527

Ion Ratio Lower Upper

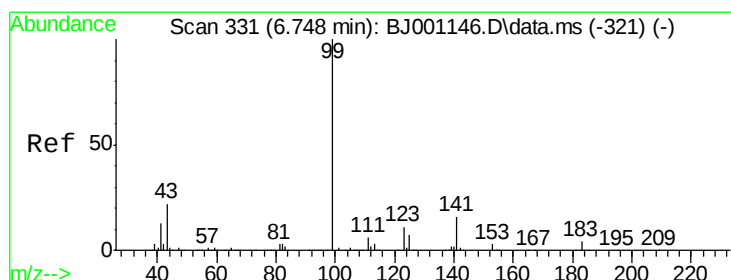
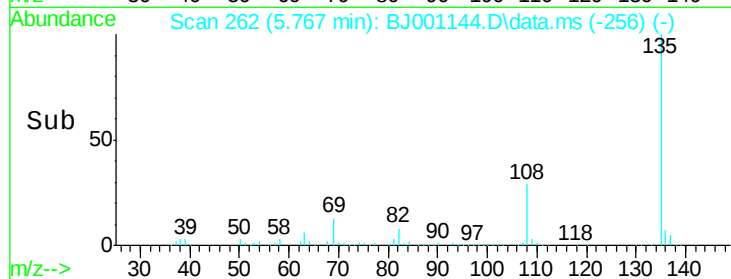
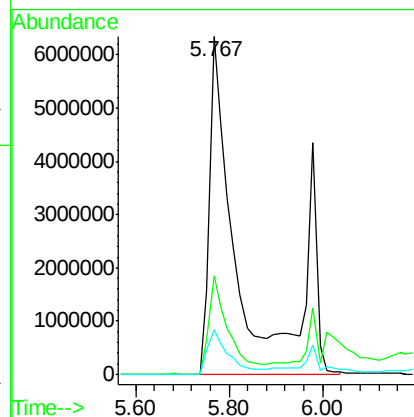
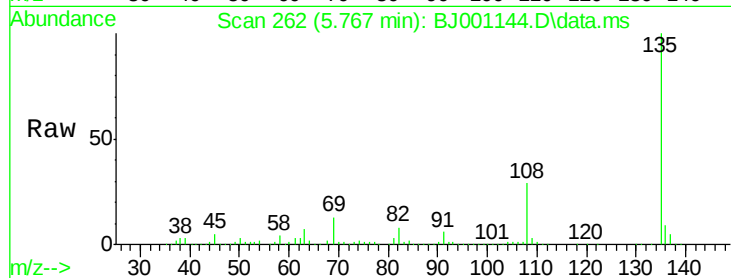
135 100

108 29.3 6.2 46.2

69 13.4 0.0 30.4

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#10

Tripropylphosphate

Concen: 9.70 ug/mL m

RT: 6.535 min Scan# 316

Delta R.T. -0.213 min

Lab File: BJ001144.D

Acq: 24 Sep 2012 15:52

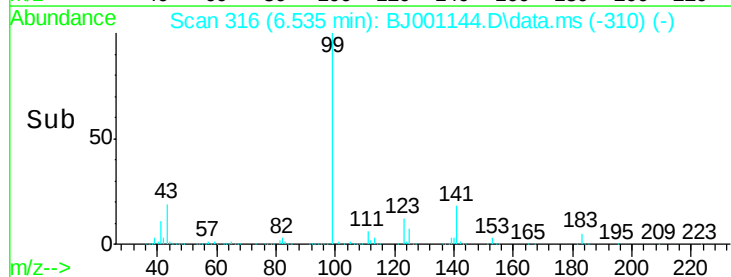
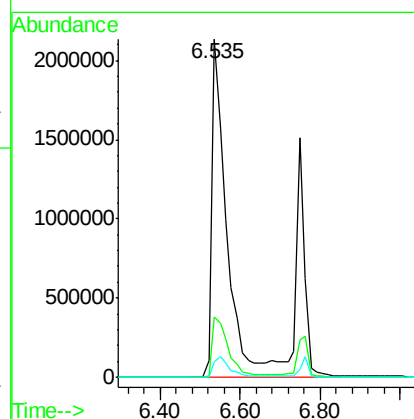
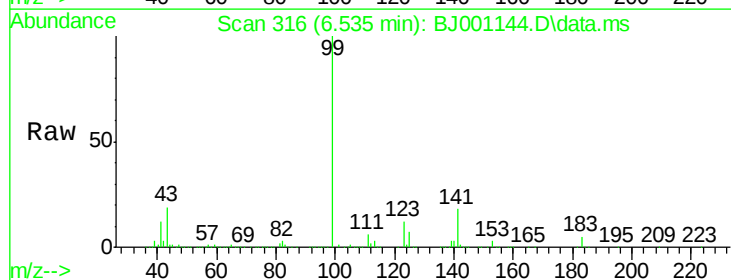
Tgt Ion: 99 Resp: 7779932

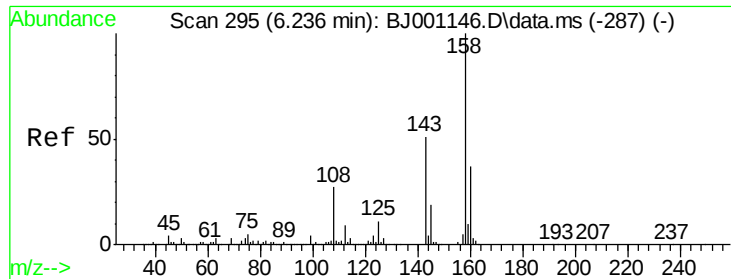
Ion Ratio Lower Upper

99 100

141 14.2 0.0 0.0#

183 4.8 0.0 0.0#





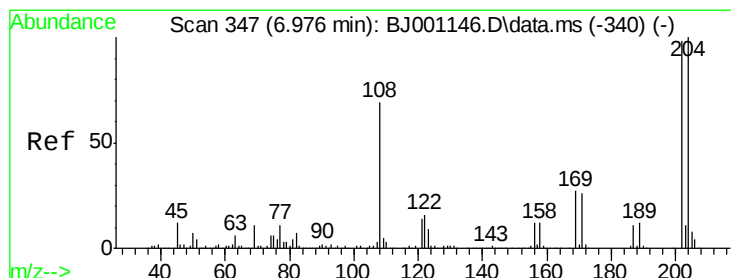
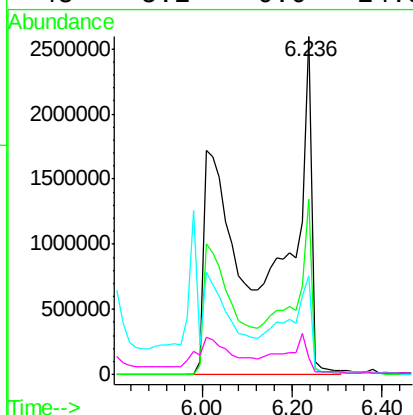
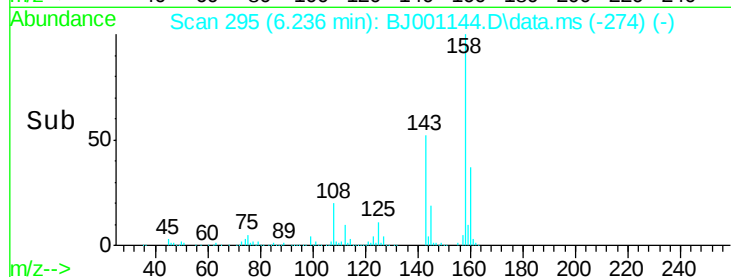
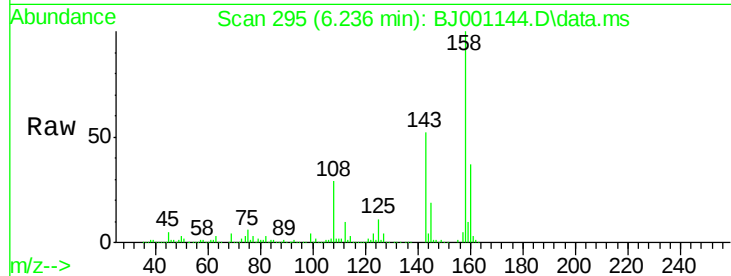
#11
p-Chlorophenylmethylsulfide
Concen: 54.51 ug/mL m
RT: 6.236 min Scan# 295
Delta R.T. 0.001 min
Lab File: BJ001144.D
Acq: 24 Sep 2012 15:52

Instrument :
BNA_J
LabSampleId :
CWA-6

Tgt Ion:158 Resp:16266579
Ion Ratio Lower Upper
158 100
143 51.9 30.6 70.6
108 29.4 6.9 46.9
45 5.2 0.0 24.3

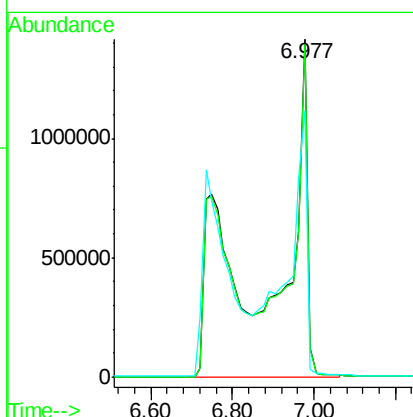
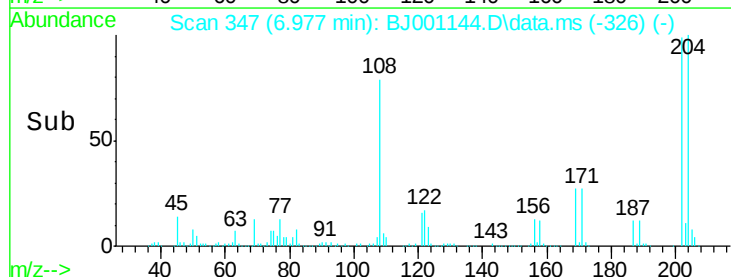
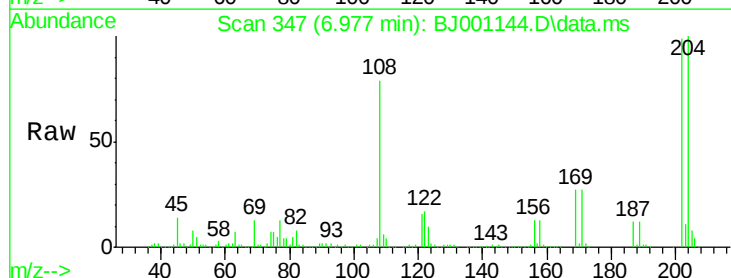
Manual Integrations
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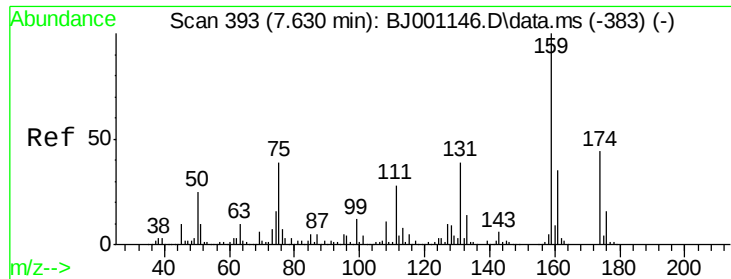
AHPatel
10/9/2012 7:05:48 AM



#12
2-Bromothioanisole
Concen: 53.71 ug/mL m
RT: 6.977 min Scan# 347
Delta R.T. 0.001 min
Lab File: BJ001144.D
Acq: 24 Sep 2012 15:52

Tgt Ion:204 Resp: 7706821
Ion Ratio Lower Upper
204 100
202 98.6 78.1 118.1
108 79.0 49.1 89.1





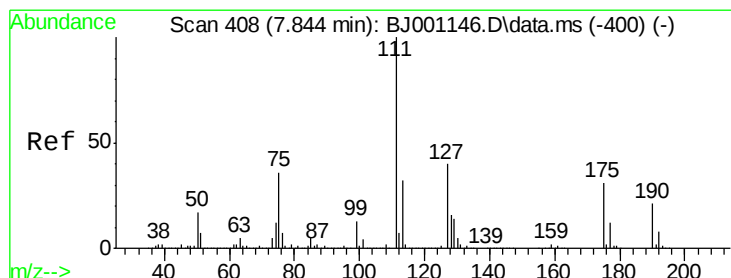
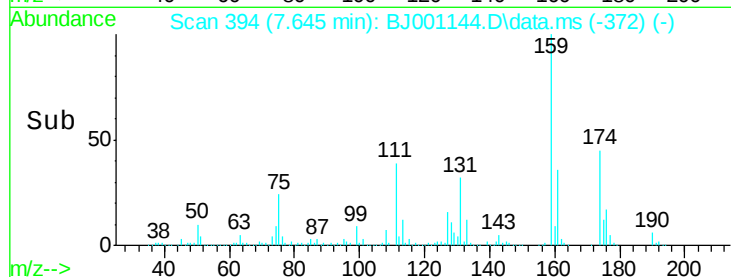
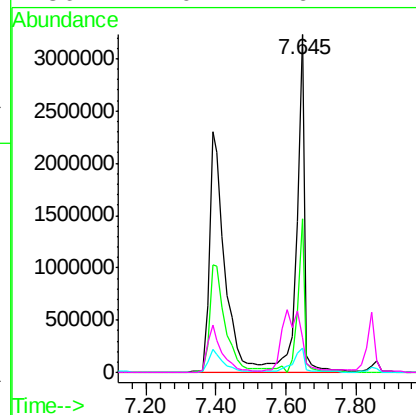
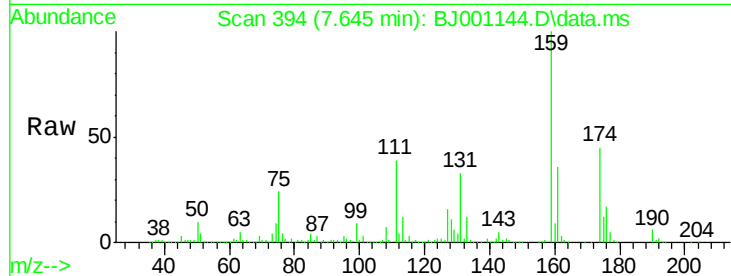
#13
p-Chlorophenylmethylsulfoxide
Concen: 64.05 ug/mL m
RT: 7.645 min Scan# 391
Delta R.T. 0.015 min
Lab File: BJ001144.D
Acq: 24 Sep 2012 15:52

Instrument :
BNA_J
LabSampleId :
CWA-6

Tgt Ion:159 Resp:12233032
Ion Ratio Lower Upper
159 100
174 27.2 0.0 20.4#
108 5.2 0.0 22.2
50 11.0 4.6 44.6

Manual Integrations
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10/9/2012 7:05:48 AM



#14
p-Chlorophenylmethylsulfone
Concen: 45.01 ug/mL m
RT: 7.603 min Scan# 391
Delta R.T. -0.241 min
Lab File: BJ001144.D
Acq: 24 Sep 2012 15:52

Tgt Ion:111 Resp:15747301
Ion Ratio Lower Upper
111 100
75 35.8 16.1 56.1
127 40.7 19.6 59.6
190 23.2 1.2 41.2

