

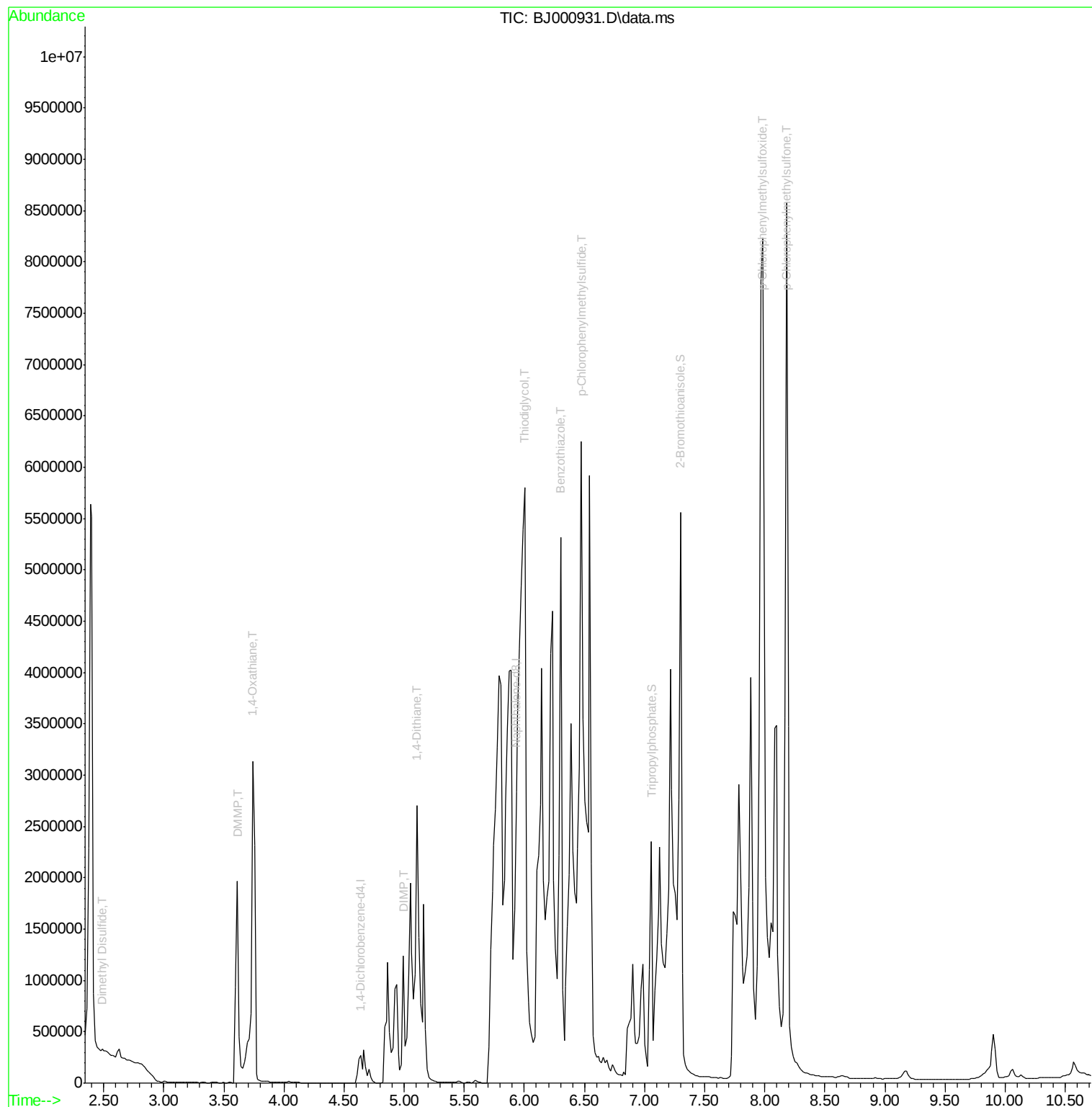
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Data File : BJ000931.D
Acq On : 8 Jun 2012 13:26
Operator : HLM
Sample : CWA-6
Misc : BNA_J HLM
ALS Vial : 3 Sample Multiplier: 1

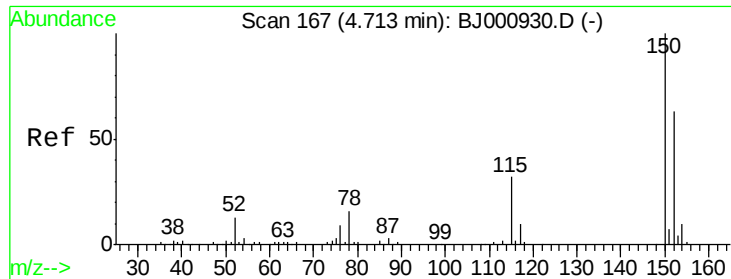
Instrument :
BNA_J
ClientSampleId :
CWA-6

Manual Integrations
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6/14/2012 12:45:03 AM

Quant Time: Jun 13 07:45:43 2012
Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ060812.M
Quant Title : CWA degradation products by GCMS
QLast Update : Fri Jun 08 15:35:00 2012
Response via : Initial Calibration





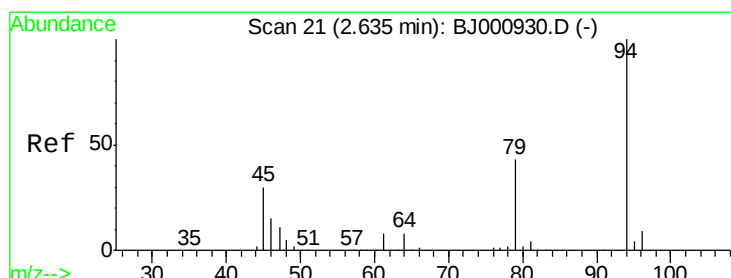
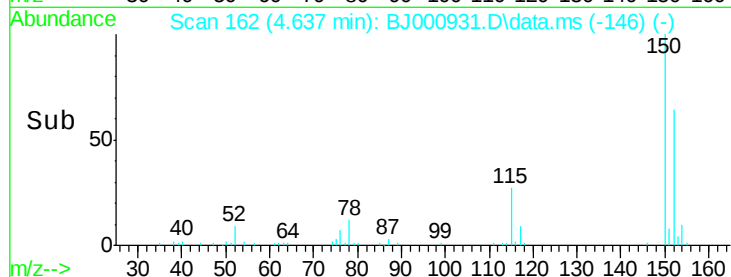
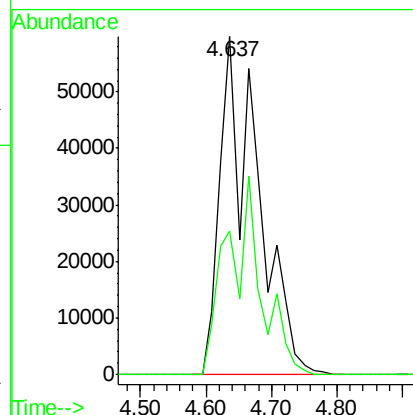
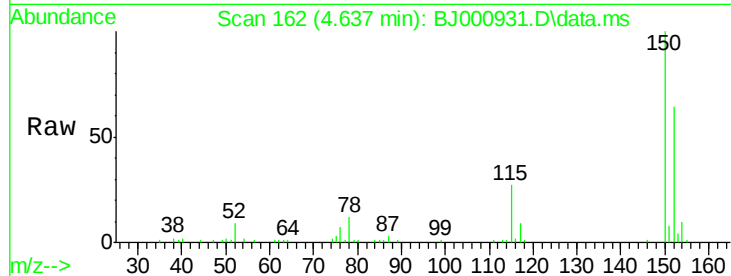
#1
 1,4-Dichlorobenzene-d4
 Concen: 2.00 ug/mL
 RT: 4.637 min Scan# 16
 Delta R.T. -0.076 min
 Lab File: BJ000931.D
 Acq: 8 Jun 2012 13:26

Instrument :
 BNA_J
 ClientSampleId :
 CWA-6

Tgt Ion: 152 Resp: 238611
 Ion Ratio Lower Upper
 152 100
 115 42.4 30.6 70.6

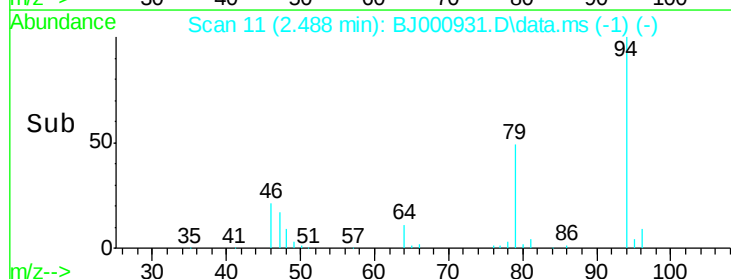
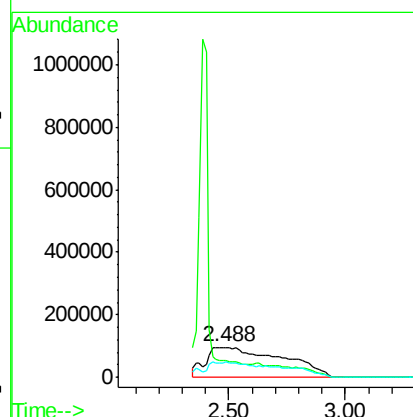
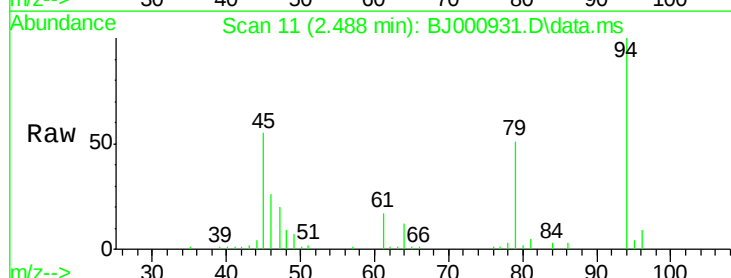
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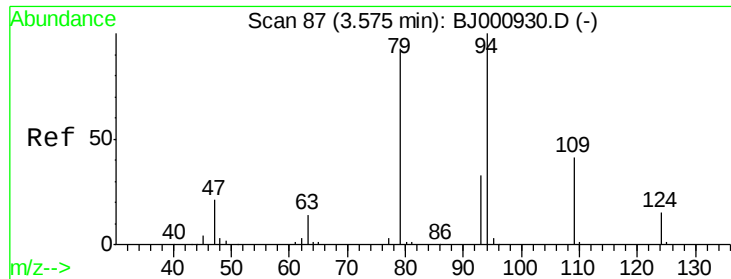
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#2
 Dimethyl Disulfide
 Concen: 24.90 ug/mL m
 RT: 2.488 min Scan# 11
 Delta R.T. -0.147 min
 Lab File: BJ000931.D
 Acq: 8 Jun 2012 13:26

Tgt Ion: 94 Resp: 2187974
 Ion Ratio Lower Upper
 94 100
 45 54.6 11.1 51.1#
 79 50.8 22.9 62.9





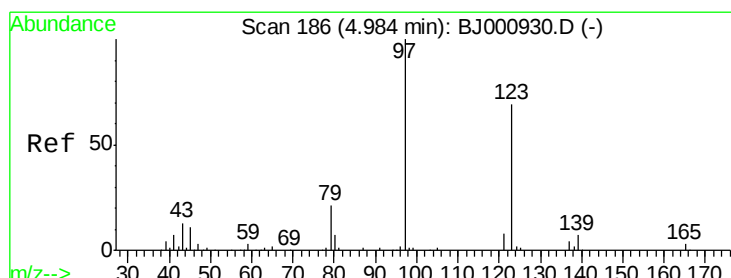
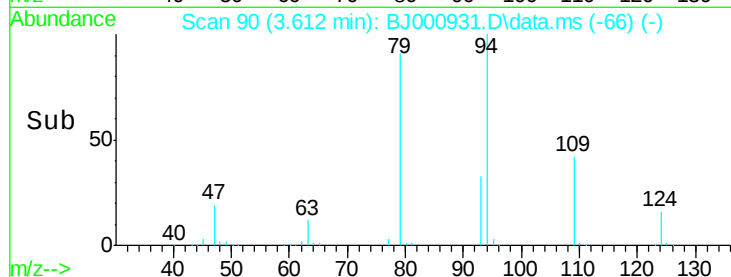
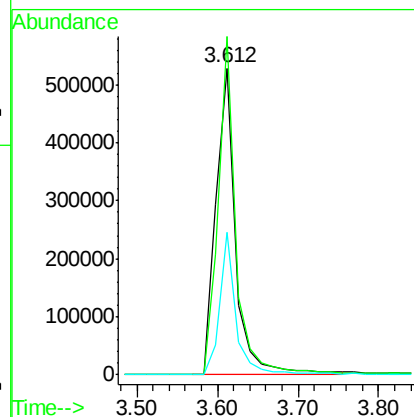
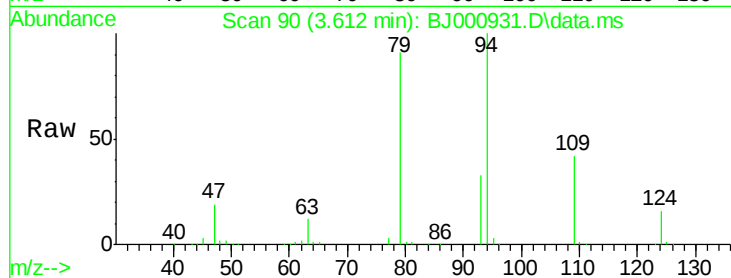
#3
DMMP
Concen: 11.29 ug/mL
RT: 3.612 min Scan# 90
Delta R.T. 0.038 min
Lab File: BJ000931.D
Acq: 8 Jun 2012 13:26

Instrument :
BNA_J
ClientSampled :
CWA-6

Tgt Ion: 79 Resp: 895272
Ion Ratio Lower Upper
79 100
94 110.2 87.0 127.0
109 46.4 24.1 64.1

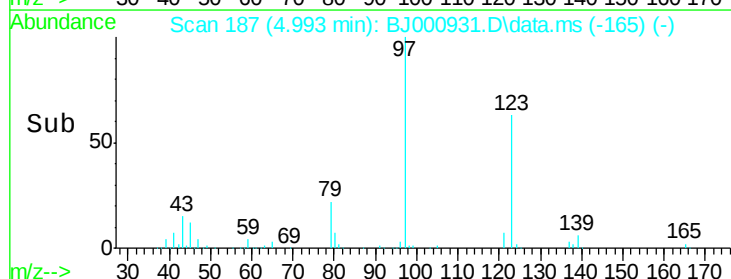
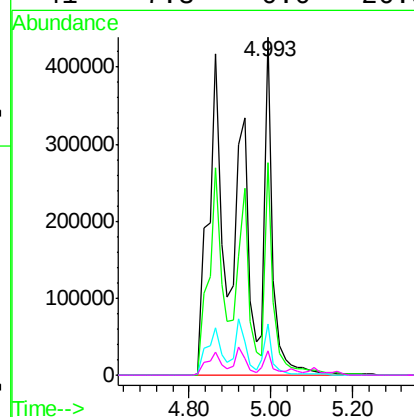
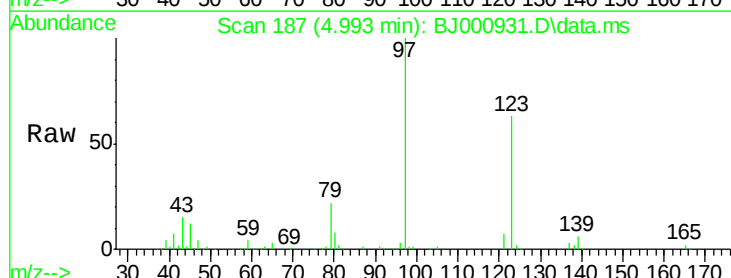
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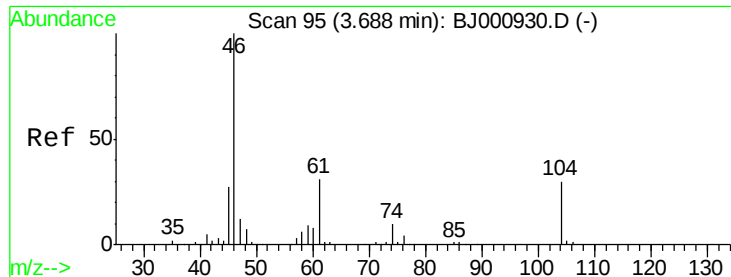
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#4
DIMP
Concen: 10.94 ug/mL m
RT: 4.993 min Scan# 187
Delta R.T. 0.009 min
Lab File: BJ000931.D
Acq: 8 Jun 2012 13:26

Tgt Ion: 97 Resp: 2306758
Ion Ratio Lower Upper
97 100
123 62.9 49.1 89.1
43 15.1 0.0 33.2
41 7.3 0.0 26.5





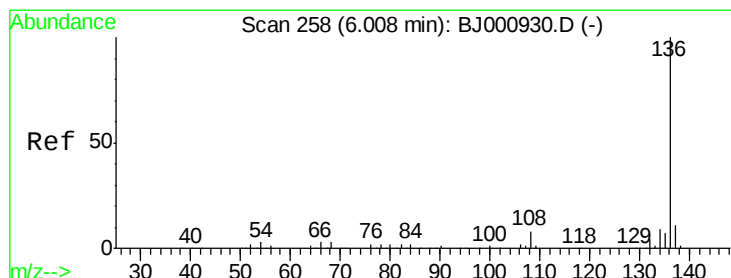
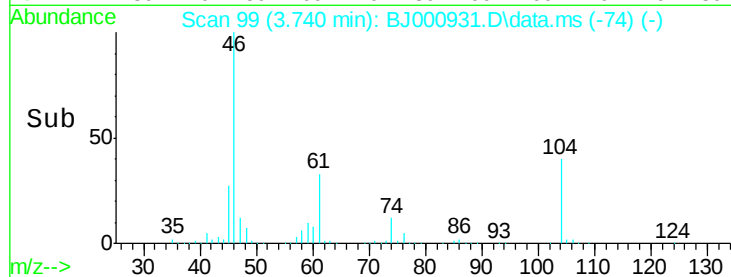
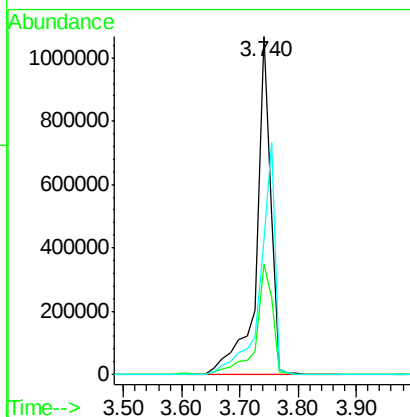
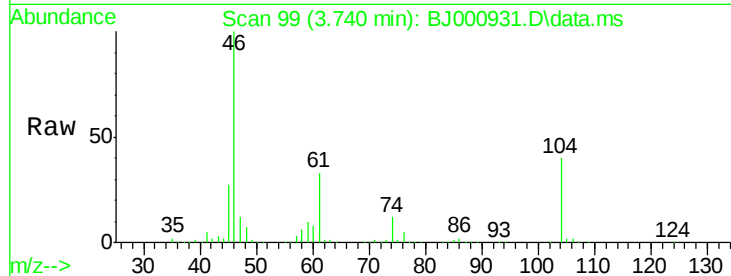
#5
 1,4-Oxathiane
 Concen: 22.00 ug/mL
 RT: 3.740 min Scan# 99
 Delta R.T. 0.052 min
 Lab File: BJ000931.D
 Acq: 8 Jun 2012 13:26

Instrument :
 BNA_J
 ClientSampleID :
 CWA-6

Tgt Ion: 46 Resp: 1861701
 Ion Ratio Lower Upper
 46 100
 61 32.6 11.2 51.2
 104 40.0 10.0 50.0

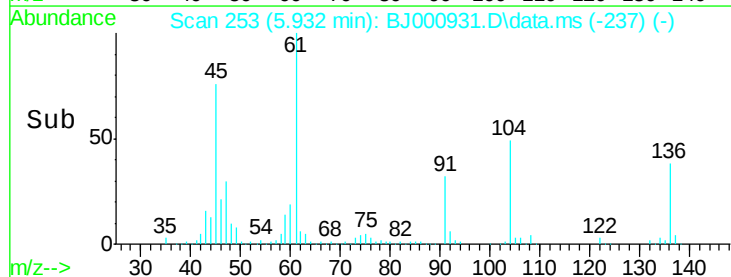
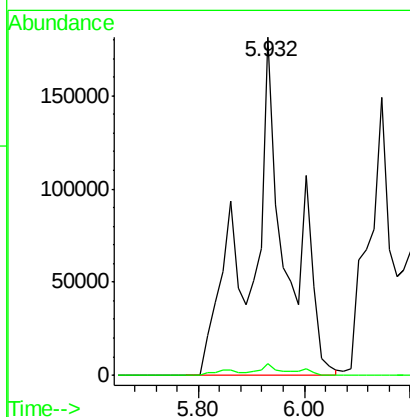
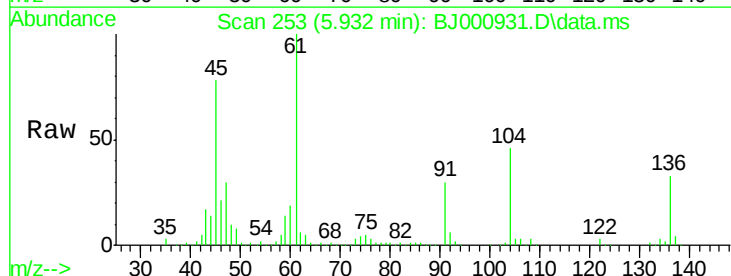
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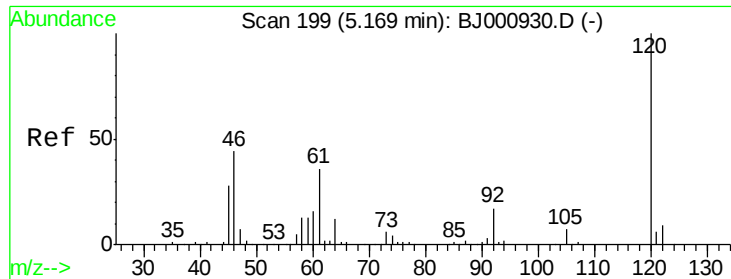
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#6
 Naphthalene-d8
 Concen: 2.00 ug/mL m
 RT: 5.932 min Scan# 253
 Delta R.T. -0.076 min
 Lab File: BJ000931.D
 Acq: 8 Jun 2012 13:26

Tgt Ion: 136 Resp: 856544
 Ion Ratio Lower Upper
 136 100
 68 3.3 0.0 22.7





#7

1,4-Dithiane

Concen: 29.32 ug/mL m

RT: 5.106 min Scan# 19

Delta R.T. -0.062 min

Lab File: BJ000931.D

Acq: 8 Jun 2012 13:26

Instrument :

BNA_J

ClientSampled :

CWA-6

Tgt Ion: 46 Resp: 1658822

Ion Ratio Lower Upper

46 100

61 74.8 61.9 101.9

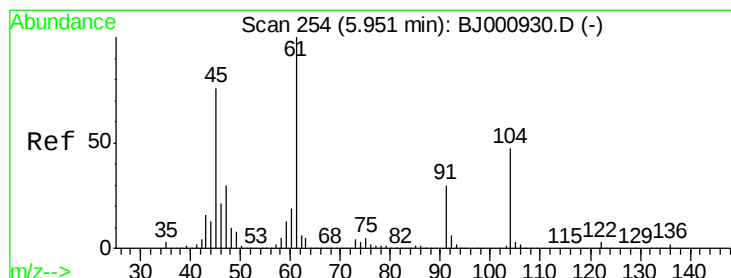
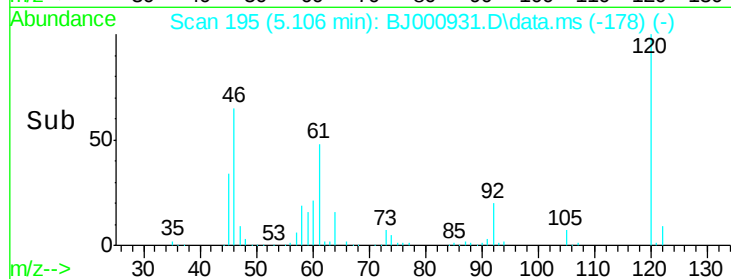
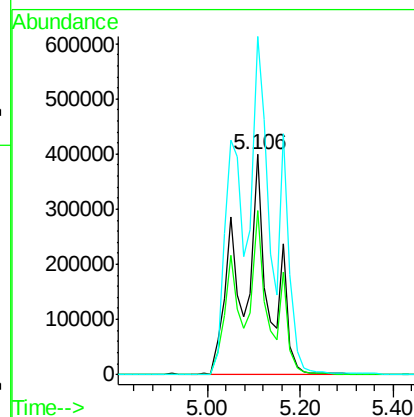
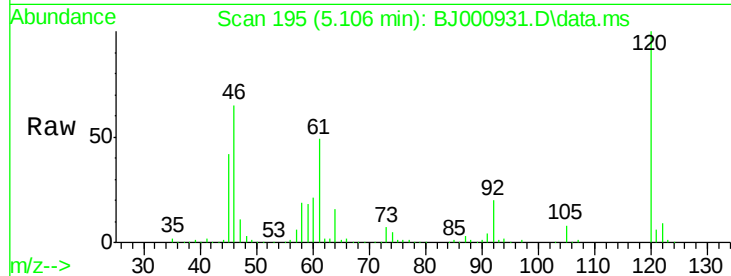
120 153.9 208.1 248.1#

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#8

Thiodiglycol

Concen: 238.40 ug/mL m

RT: 6.003 min Scan# 258

Delta R.T. 0.052 min

Lab File: BJ000931.D

Acq: 8 Jun 2012 13:26

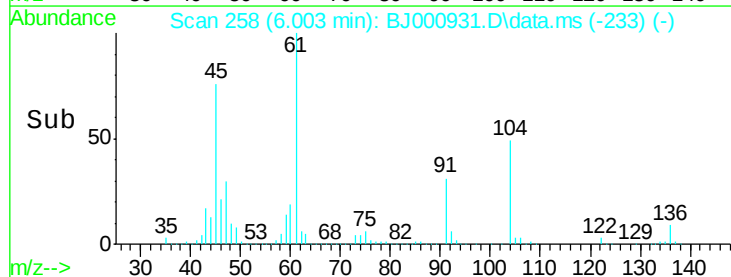
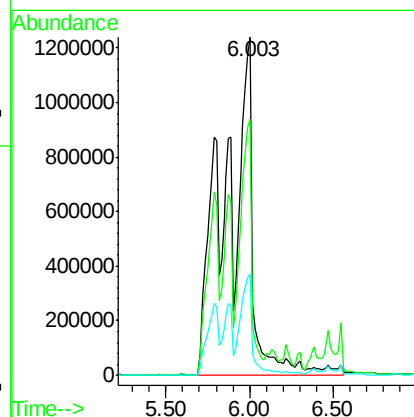
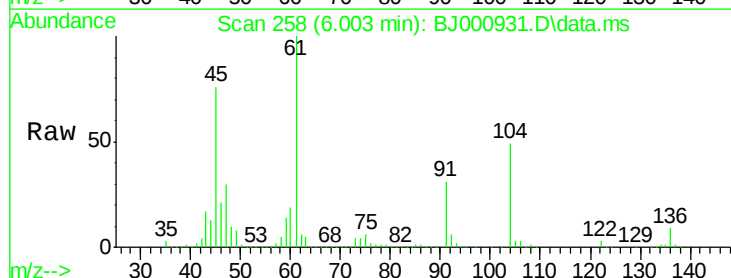
Tgt Ion: 61 Resp: 14064296

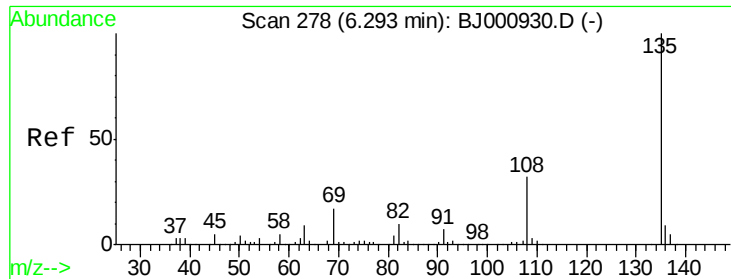
Ion Ratio Lower Upper

61 100

45 75.9 56.3 96.3

47 30.0 10.1 50.1





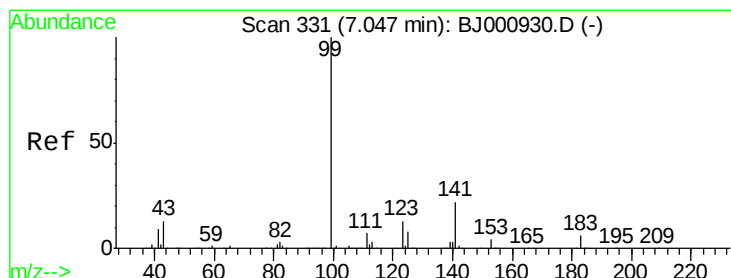
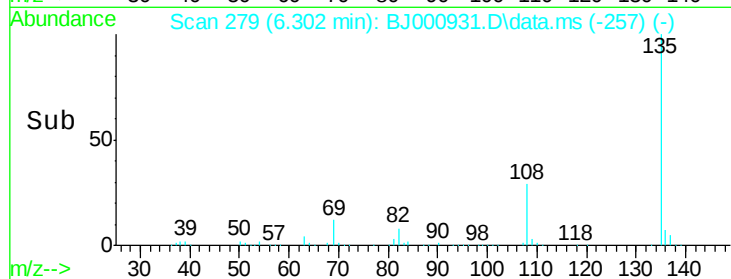
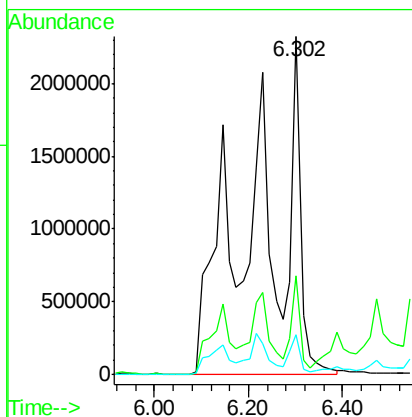
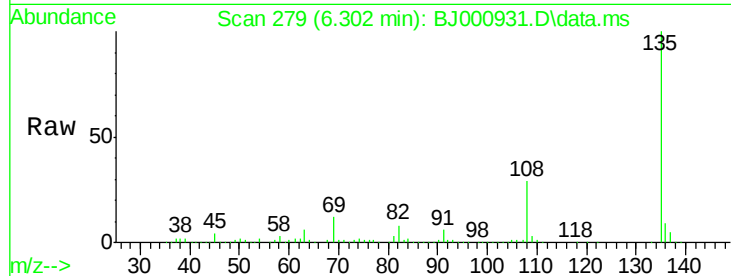
#9
Benzothiazole
Concen: 63.08 ug/mL m
RT: 6.302 min Scan# 27
Delta R.T. 0.009 min
Lab File: BJ000931.D
Acq: 8 Jun 2012 13:26

Instrument :
BNA_J
ClientSampleId :
CWA-6

Tgt Ion:135 Resp:13446747
Ion Ratio Lower Upper
135 100
108 29.1 12.0 52.0
69 11.8 0.0 36.6

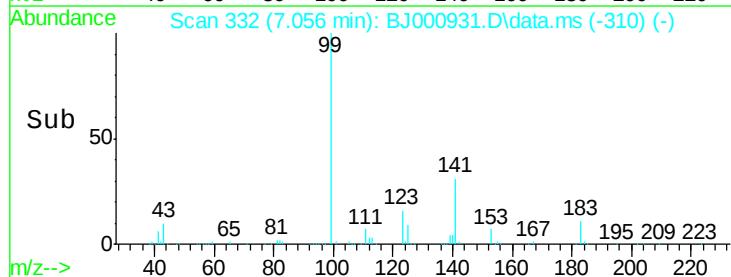
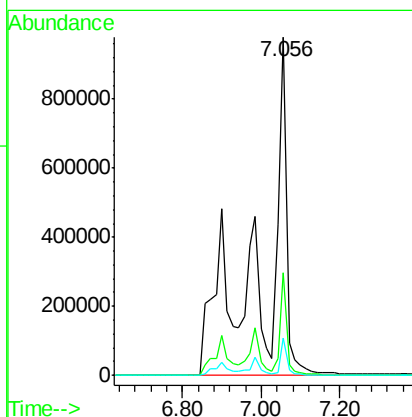
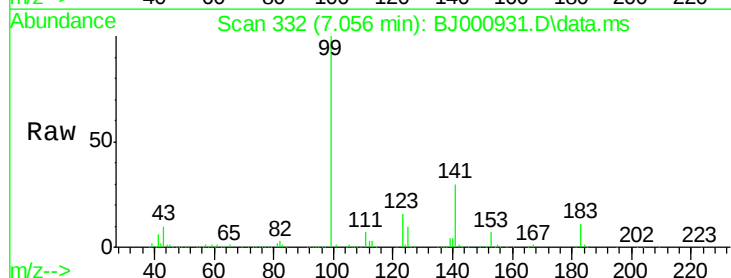
Manual Integrations
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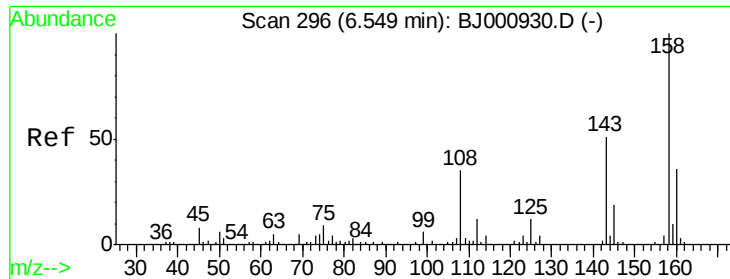
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#10
Tripropylphosphate
Concen: 13.24 ug/mL m
RT: 7.056 min Scan# 332
Delta R.T. 0.009 min
Lab File: BJ000931.D
Acq: 8 Jun 2012 13:26

Tgt Ion: 99 Resp: 3869151
Ion Ratio Lower Upper
99 100
141 6.8 18.5 27.7#
183 2.4 5.8 8.8#





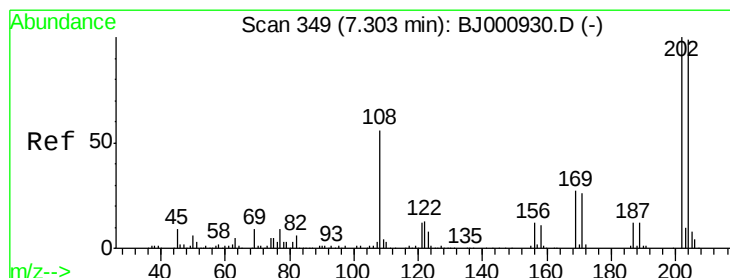
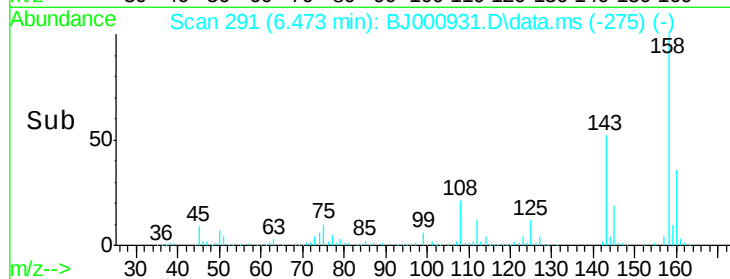
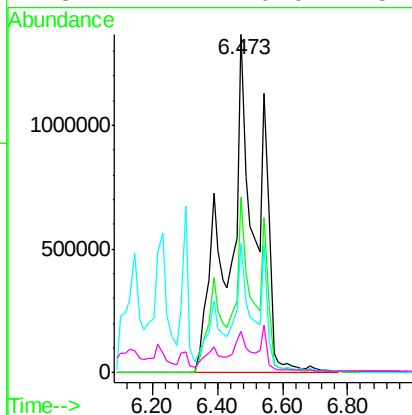
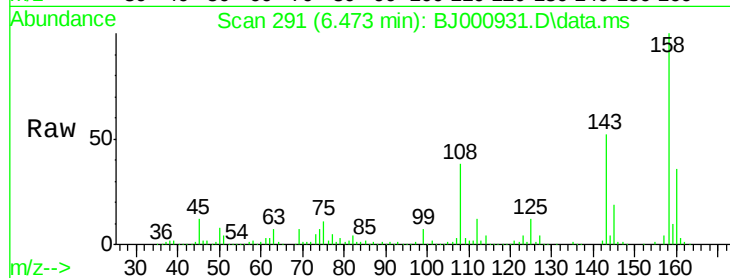
#11
p-Chlorophenylmethylsulfide
Concen: 55.34 ug/mL m
RT: 6.473 min Scan# 296
Delta R.T. -0.076 min
Lab File: BJ000931.D
Acq: 8 Jun 2012 13:26

Instrument :
BNA_J
ClientSampleId :
CWA-6

Tgt Ion:158 Resp: 8162390
Ion Ratio Lower Upper
158 100
143 52.1 31.3 71.3
108 38.2 14.9 54.9
45 12.1 0.0 28.5

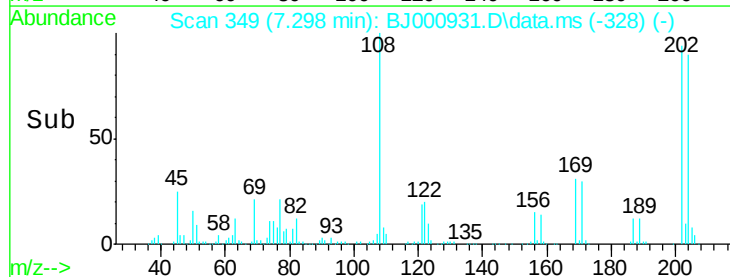
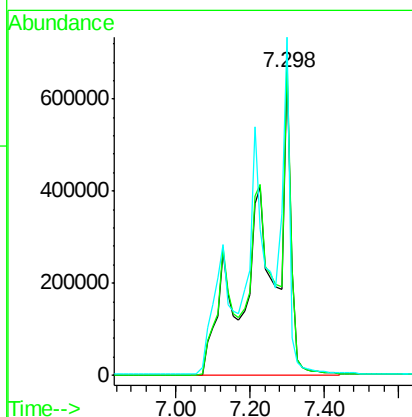
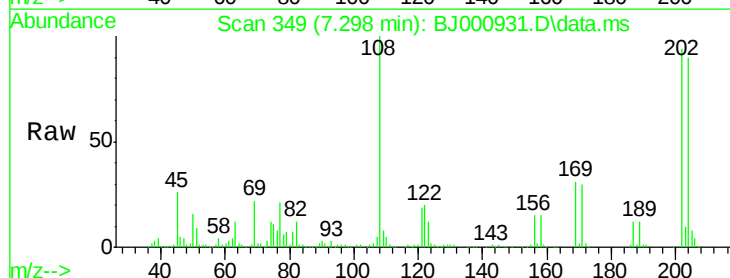
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#12
2-Bromothioanisole
Concen: 59.36 ug/mL m
RT: 7.298 min Scan# 349
Delta R.T. -0.005 min
Lab File: BJ000931.D
Acq: 8 Jun 2012 13:26

Tgt Ion:204 Resp: 3335623
Ion Ratio Lower Upper
204 100
202 104.4 81.4 121.4
108 111.6 37.1 77.1#



Data Path : Z:\HPCHEM1\BNA_J\data\BJ060812\
 Data File : BJ000931.D
 Acq On : 8 Jun 2012 13:26
 Operator : HLM
 Sample : CWA-6
 Misc : BNA_J HLM
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_J
 ClientSampleId :
 CWA-6

Manual Integrations
 APPROVED

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 6/14/2012 12:45:03 AM

Quant Time: Jun 13 07:45:43 2012
 Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ060812.M
 Quant Title : CWA degradation products by GCMS
 QLast Update : Fri Jun 08 15:35:00 2012
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.637	152	238611	2.00	ug/mL	-0.08
6) Naphthalene-d8	5.932	136	856544m	2.00	ug/mL	-0.08
System Monitoring Compounds						
10) Tripropylphosphate	7.056	99	3869151m	13.24	ug/mL	0.00
Spiked Amount 0.500	Range 70 - 130		Recovery	= 2648.00%#		
12) 2-Bromothioanisole	7.298	204	3335623m	59.36	ug/mL	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery	= 1187.20%#		
Target Compounds						Qvalue
2) Dimethyl Disulfide	2.488	94	2187974m	24.90	ug/mL	
3) DMMP	3.612	79	895272	11.29	ug/mL	97
4) DIMP	4.993	97	2306758m	10.94	ug/mL	
5) 1,4-Oxathiane	3.740	46	1861701	22.00	ug/mL	90
7) 1,4-Dithiane	5.106	46	1658822m	29.32	ug/mL	
8) Thiodiglycol	6.003	61	14064296m	238.40	ug/mL	
9) Benzothiazole	6.302	135	13446747m	63.08	ug/mL	
11) p-Chlorophenylmethyisu...	6.473	158	8162390m	55.34	ug/mL	
13) p-Chlorophenylmethyisu...	7.981	159	6709509m	81.54	ug/mL	
14) p-Chlorophenylmethyisu...	8.181	111	7880317m	64.96	ug/mL	

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