

Data Path : S:\HPCHEM1\BNA_J\data\BJ092412\
 Data File : BJ001145.D
 Acq On : 24 Sep 2012 16:09
 Operator : HLM
 Sample : CWA-5
 Misc : CWA STD BNA_J HLM
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_J
 LabSampleId :
 CWA-5

Manual Integrations
 APPROVED

AHPatel
 10/9/2012 7:05:50 AM

Quant Time: Oct 05 08:23:08 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	4.374	152	487613	2.00	ug/mL	-0.04
6) Naphthalene-d8	5.684	136	1940021m	2.00	ug/mL	0.00
System Monitoring Compounds						
10) Tripropylphosphate	6.751	99	4185093m	5.00	ug/mL	0.00
Spiked Amount 0.500	Range 70 - 130		Recovery	= 1000.00%#		
12) 2-Bromothioanisole	6.979	204	3923556m	26.19	ug/mL	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery	= 523.80%#		
Target Compounds						
						Qvalue
2) Dimethyl Disulfide	2.296	94	2240660	10.44	ug/mL	99
3) DMMP	3.278	79	910253	5.06	ug/mL	93
4) DIMP	4.645	97	2290142m	4.47	ug/mL	
5) 1,4-Oxathiane	3.392	46	1995797	9.74	ug/mL#	77
7) 1,4-Dithiane	4.801	46	1910209m	11.54	ug/mL	
8) Thiodiglycol	5.669	61	14984092m	95.35	ug/mL	
9) Benzothiazole	5.982	135	15153500m	28.76	ug/mL	
11) p-Chlorophenylmethyisu...	6.239	158	8110505m	26.03	ug/mL	
13) p-Chlorophenylmethyisu...	7.633	159	6059606m	30.39	ug/mL	
14) p-Chlorophenylmethyisu...	7.847	111	7532950m	25.46	ug/mL	

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

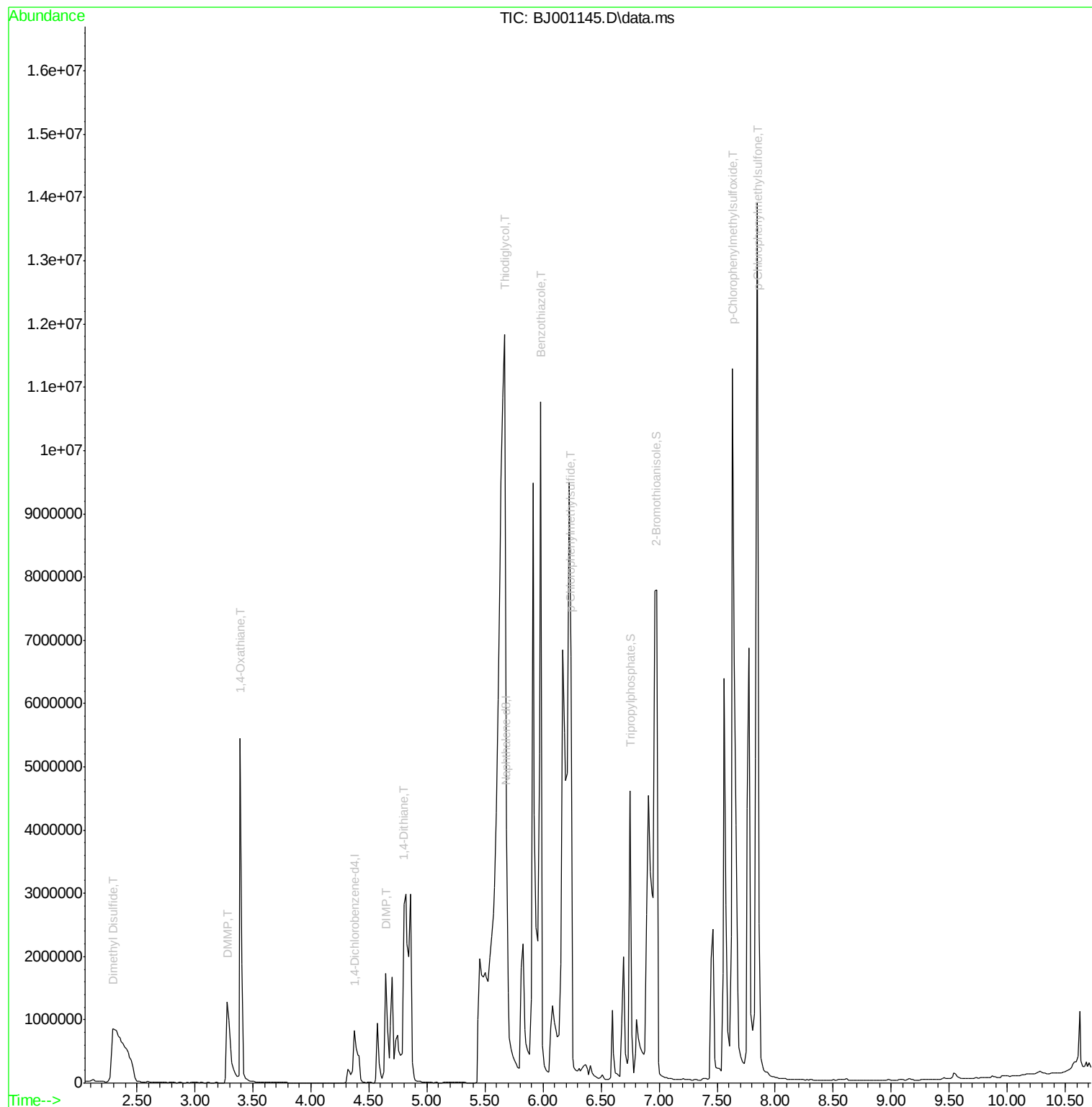
Data Path : S:\HPCHEM1\BNA_J\data\BJ092412\
Data File : BJ001145.D
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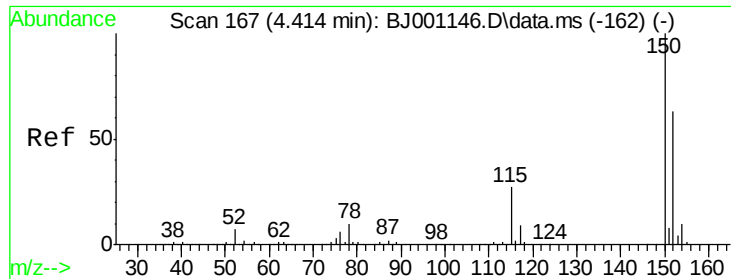
Instrument :
BNA_J
LabSampleId :
CWA-5

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Quant Time: Oct 05 08:23:08 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

RT: 4.374 min Scan# 16

Delta R.T. -0.040 min

Lab File: BJ001145.D

Acq: 24 Sep 2012 16:09

Instrument :

BNA_J

LabSampleId :

CWA-5

Tgt Ion:152 Resp: 487613

Ion Ratio Lower Upper

152 100

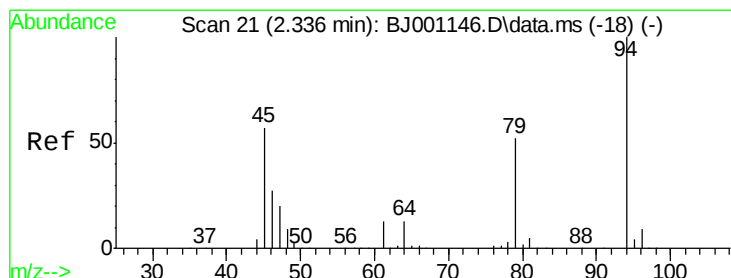
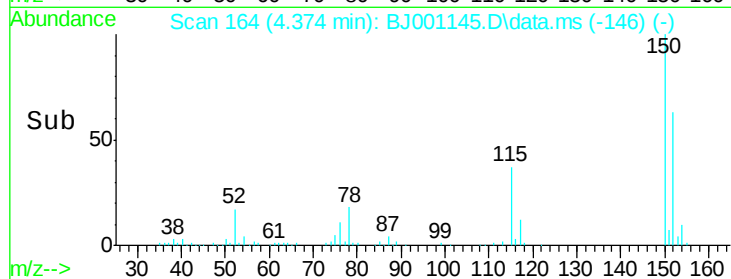
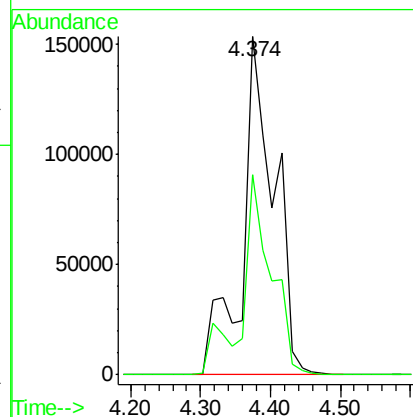
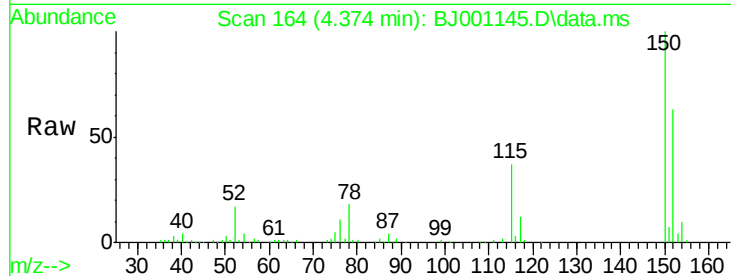
115 59.0 22.8 62.8

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#2

Dimethyl Disulfide

Concen: 10.44 ug/mL

RT: 2.296 min Scan# 18

Delta R.T. -0.040 min

Lab File: BJ001145.D

Acq: 24 Sep 2012 16:09

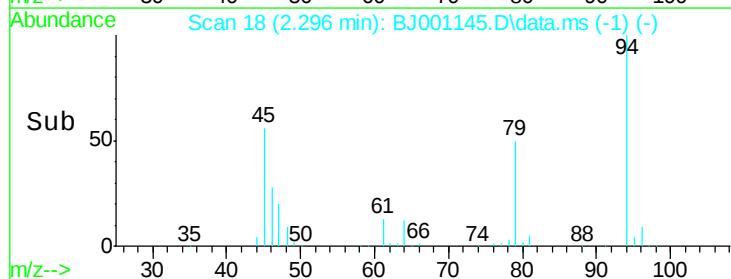
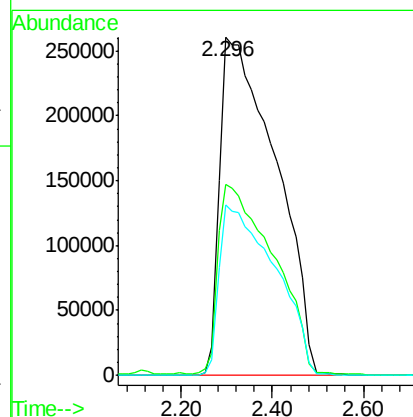
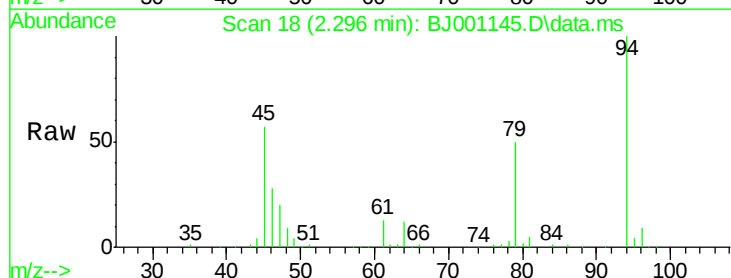
Tgt Ion: 94 Resp: 2240660

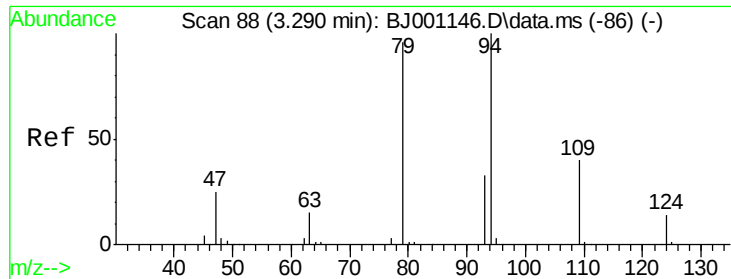
Ion Ratio Lower Upper

94 100

45 56.6 36.7 76.7

79 50.4 31.6 71.6





#3

DMMP

Concen: 5.06 ug/mL

RT: 3.278 min Scan# 87

Delta R.T. -0.011 min

Lab File: BJ001145.D

Acq: 24 Sep 2012 16:09

Instrument :

BNA_J

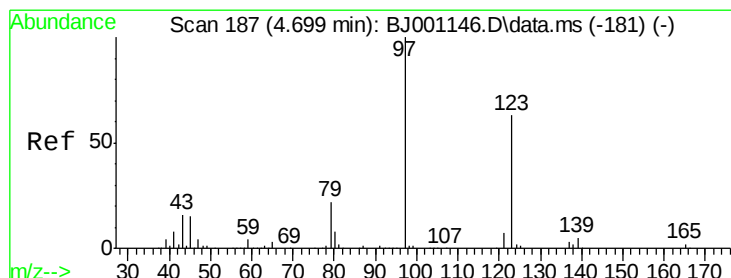
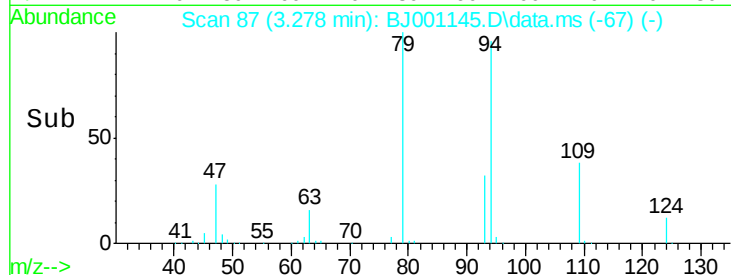
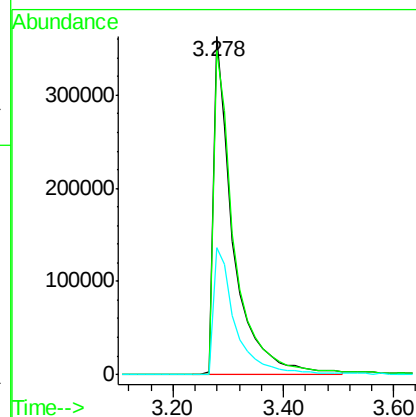
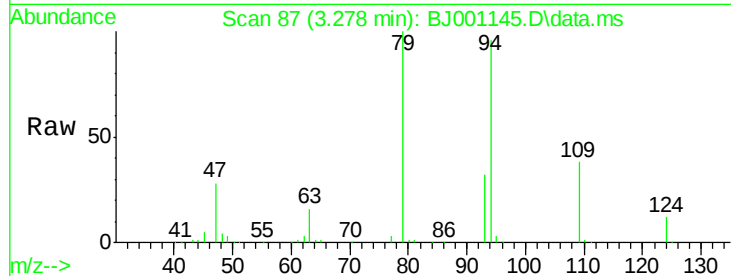
LabSampleId :

CWA-5

Tgt Ion:	79	Resp:	910253
Ion Ratio	Lower	Upper	
79	100		
94	95.9	83.7	123.7
109	37.6	21.5	61.5

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#4

DIMP

Concen: 4.47 ug/mL m

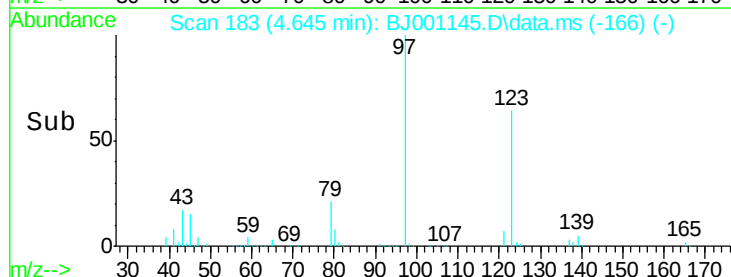
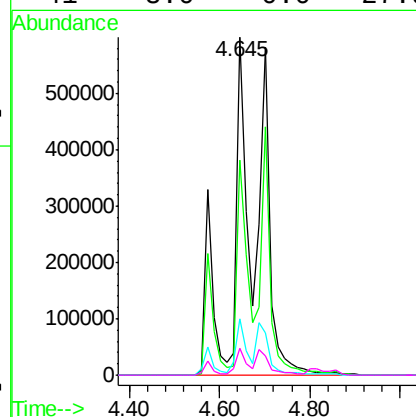
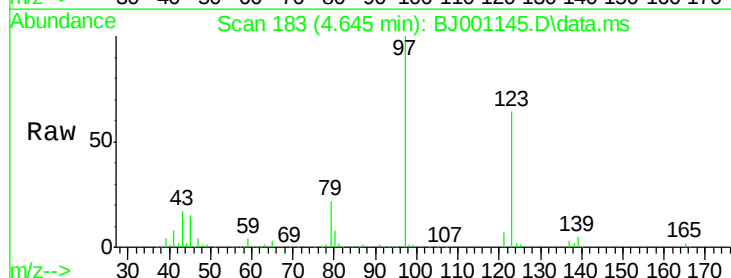
RT: 4.645 min Scan# 183

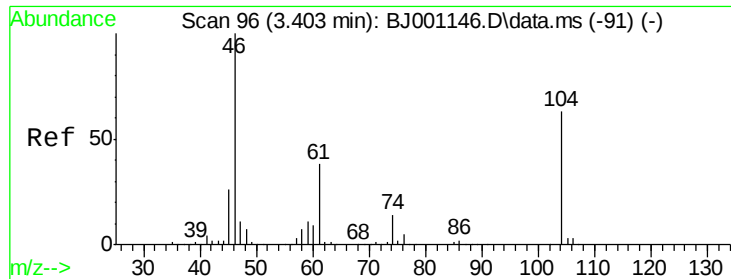
Delta R.T. -0.054 min

Lab File: BJ001145.D

Acq: 24 Sep 2012 16:09

Tgt Ion:	97	Resp:	2290142
Ion Ratio	Lower	Upper	
97	100		
123	63.5	43.3	83.3
43	16.8	0.0	36.5
41	8.0	0.0	27.9





#5

1,4-Oxathiane

Concen: 9.74 ug/mL

RT: 3.392 min Scan# 95

Delta R.T. -0.011 min

Lab File: BJ001145.D

Acq: 24 Sep 2012 16:09

Instrument :

BNA_J

LabSampleId :

CWA-5

Tgt Ion: 46 Resp: 1995797

Ion Ratio Lower Upper

46 100

61 33.5 18.0 58.0

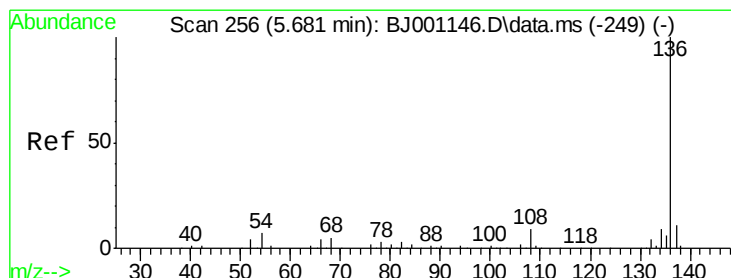
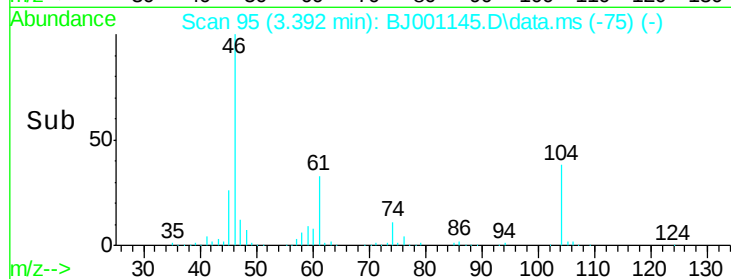
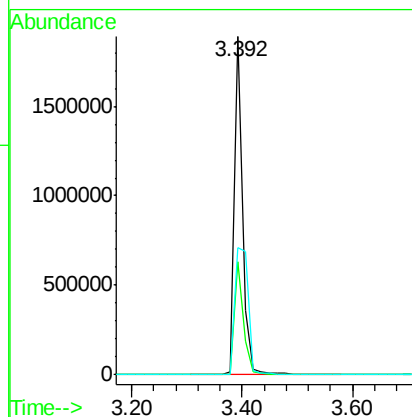
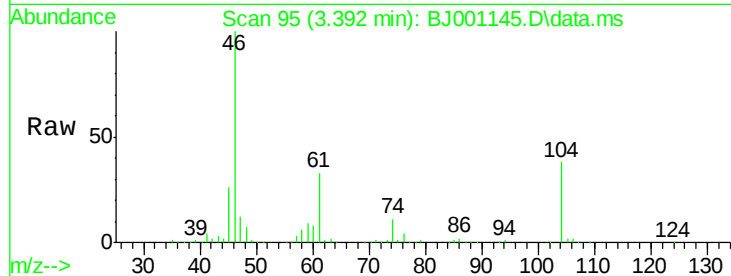
104 37.6 43.0 83.0#

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#6

Naphthalene-d8

Concen: 2.00 ug/mL m

RT: 5.684 min Scan# 256

Delta R.T. 0.003 min

Lab File: BJ001145.D

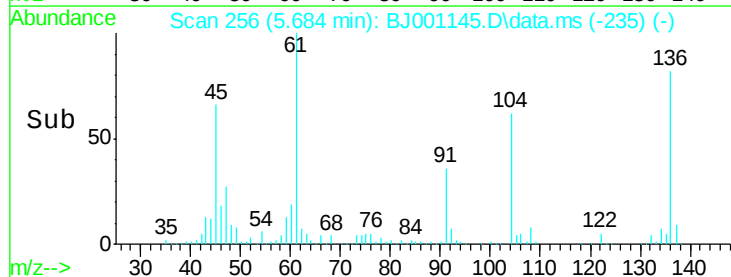
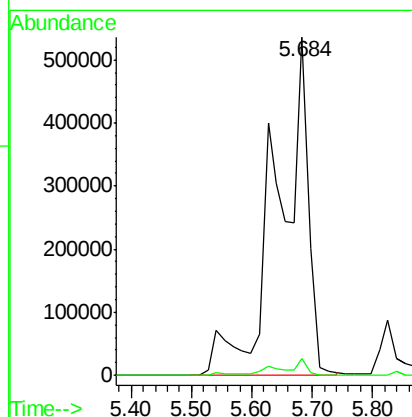
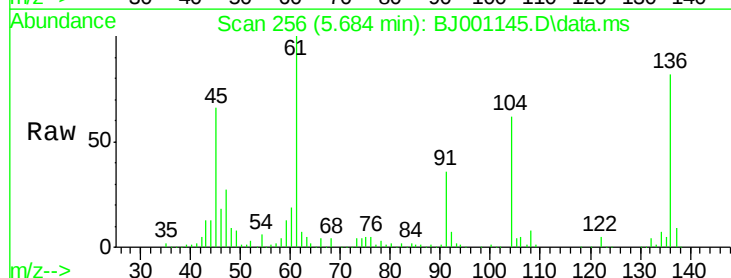
Acq: 24 Sep 2012 16:09

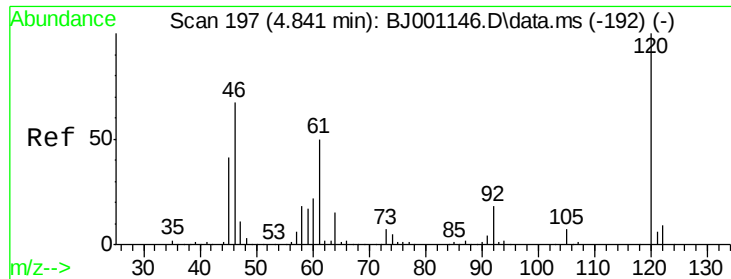
Tgt Ion: 136 Resp: 1940021

Ion Ratio Lower Upper

136 100

68 5.1 0.0 24.9





#7

1,4-Dithiane

Concen: 11.54 ug/mL m

RT: 4.801 min Scan# 197

Delta R.T. -0.040 min

Lab File: BJ001145.D

Acq: 24 Sep 2012 16:09

Instrument :

BNA_J

LabSampleId :

CWA-5

Tgt Ion: 46 Resp: 1910209

Ion Ratio Lower Upper

46 100

61 73.8 54.6 94.6

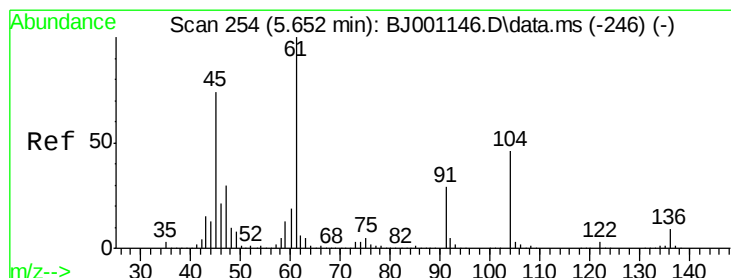
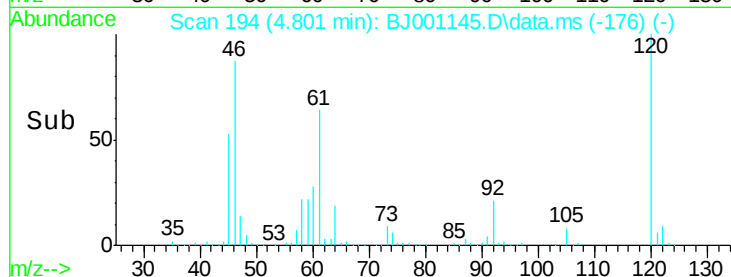
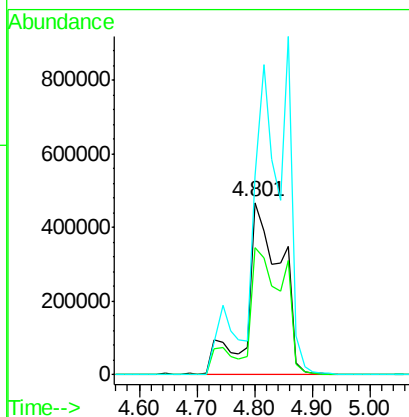
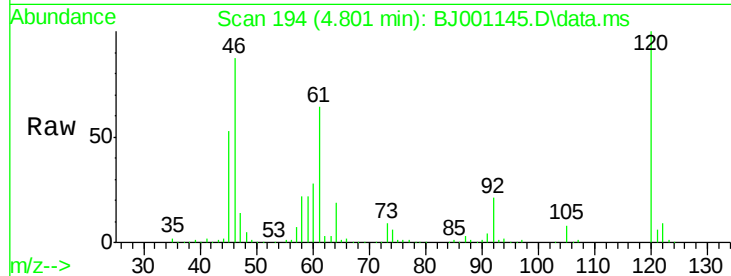
120 115.5 129.2 169.2#

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#8

Thiodiglycol

Concen: 95.35 ug/mL m

RT: 5.669 min Scan# 255

Delta R.T. 0.017 min

Lab File: BJ001145.D

Acq: 24 Sep 2012 16:09

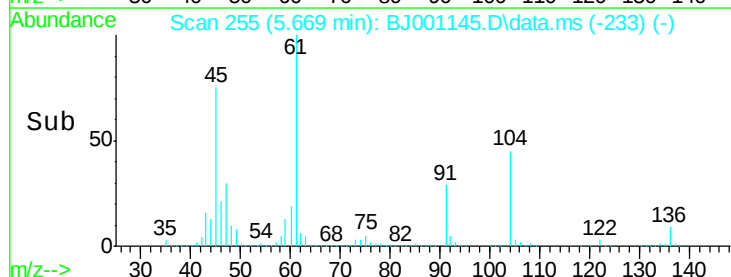
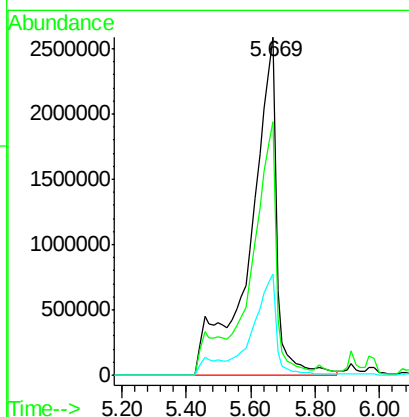
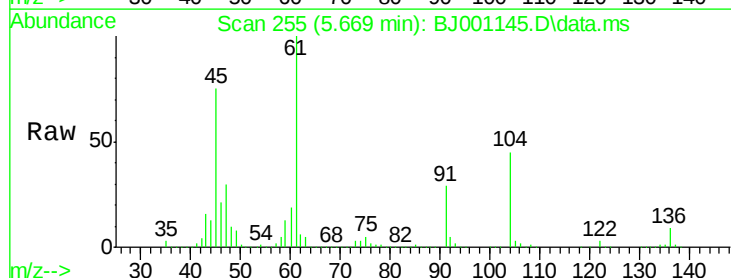
Tgt Ion: 61 Resp: 14984092

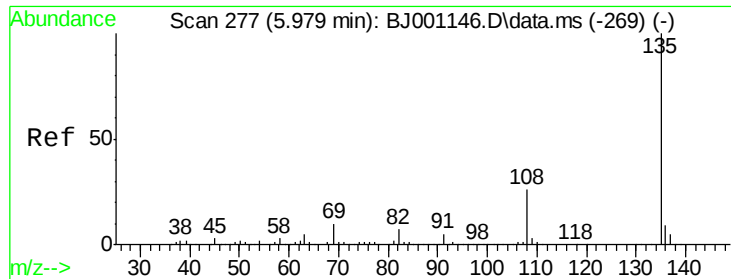
Ion Ratio Lower Upper

61 100

45 75.1 54.2 94.2

47 30.0 9.7 49.7





#9

Benzothiazole

Concen: 28.76 ug/mL m

RT: 5.982 min Scan# 27

Delta R.T. 0.003 min

Lab File: BJ001145.D

Acq: 24 Sep 2012 16:09

Instrument :

BNA_J

LabSampleId :

CWA-5

Tgt Ion:135 Resp:15153500

Ion Ratio Lower Upper

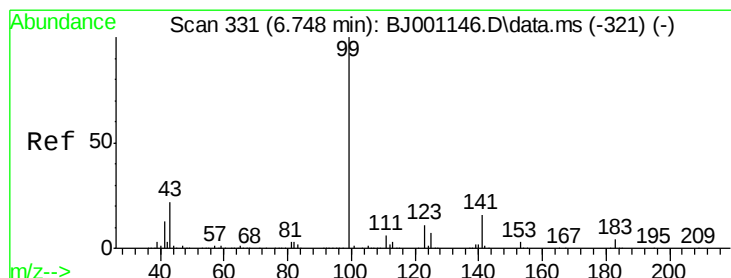
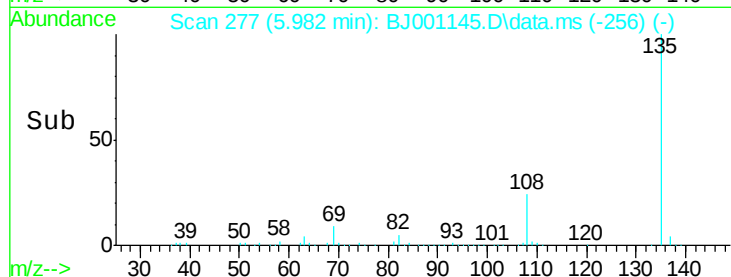
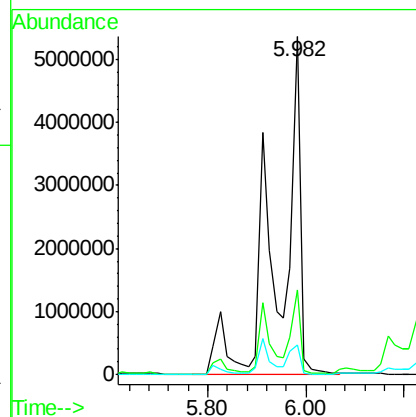
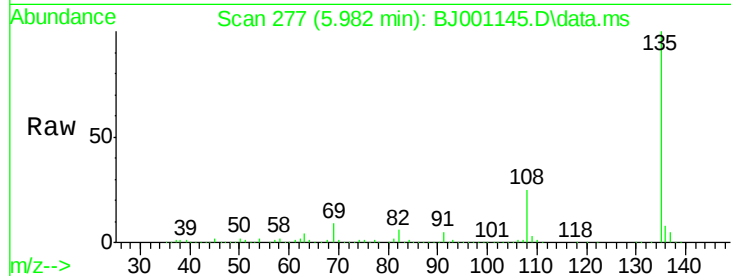
135 100

108 25.0 6.2 46.2

69 8.7 0.0 30.4

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#10

Tripropylphosphate

Concen: 5.00 ug/mL m

RT: 6.751 min Scan# 331

Delta R.T. 0.003 min

Lab File: BJ001145.D

Acq: 24 Sep 2012 16:09

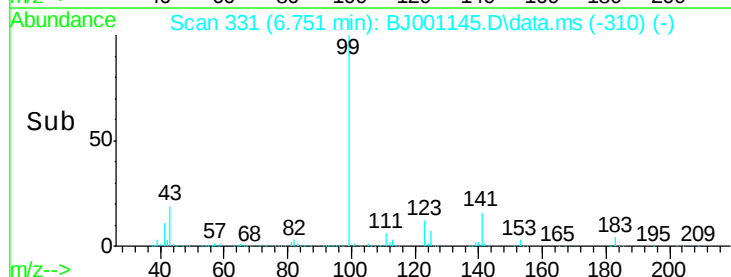
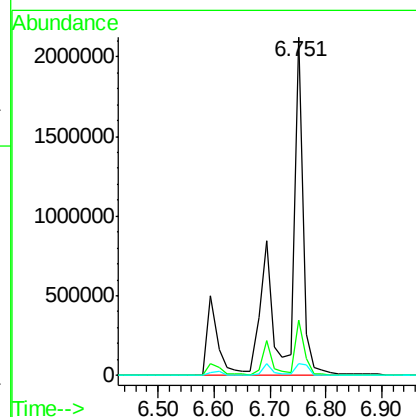
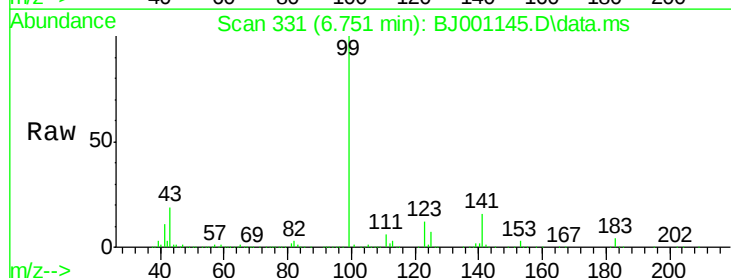
Tgt Ion: 99 Resp: 4185093

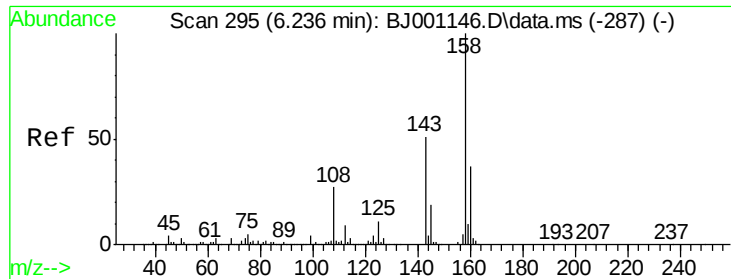
Ion Ratio Lower Upper

99 100

141 6.9 0.0 0.0#

183 2.4 0.0 0.0#





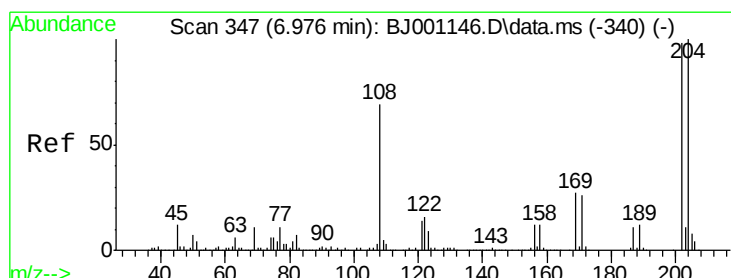
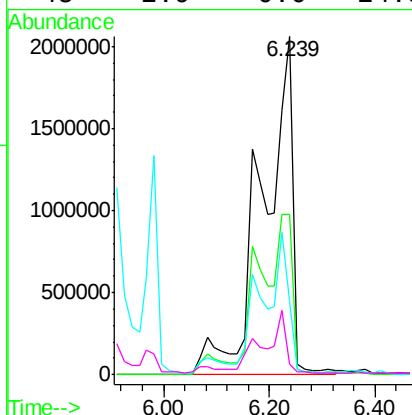
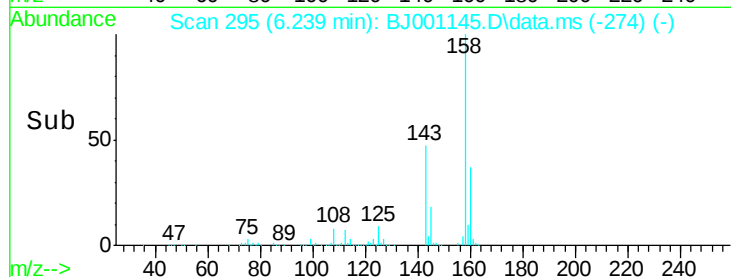
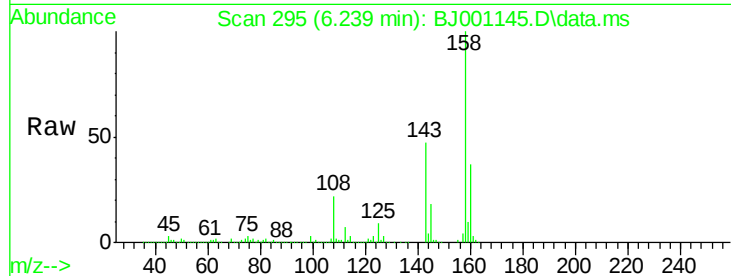
#11
p-Chlorophenylmethylsulfide
Concen: 26.03 ug/mL m
RT: 6.239 min Scan# 29
Delta R.T. 0.003 min
Lab File: BJ001145.D
Acq: 24 Sep 2012 16:09

Instrument :
BNA_J
LabSampleId :
CWA-5

Tgt Ion:158 Resp: 8110505
Ion Ratio Lower Upper
158 100
143 47.5 30.6 70.6
108 21.8 6.9 46.9
45 2.9 0.0 24.3

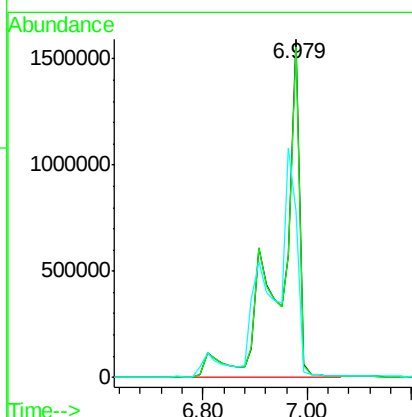
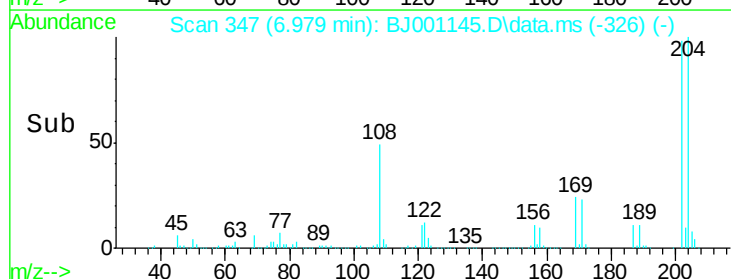
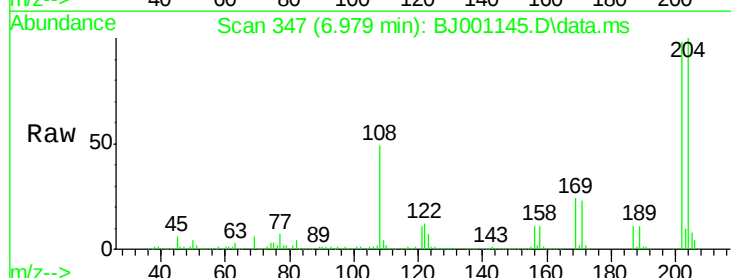
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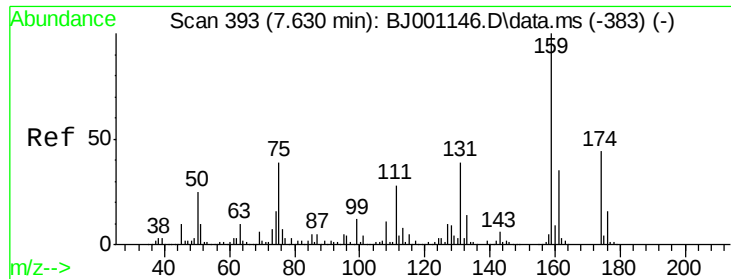
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#12
2-Bromothioanisole
Concen: 26.19 ug/mL m
RT: 6.979 min Scan# 347
Delta R.T. 0.003 min
Lab File: BJ001145.D
Acq: 24 Sep 2012 16:09

Tgt Ion:204 Resp: 3923556
Ion Ratio Lower Upper
204 100
202 97.7 78.1 118.1
108 49.3 49.1 89.1





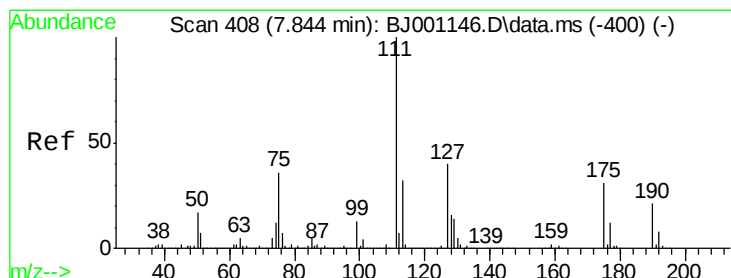
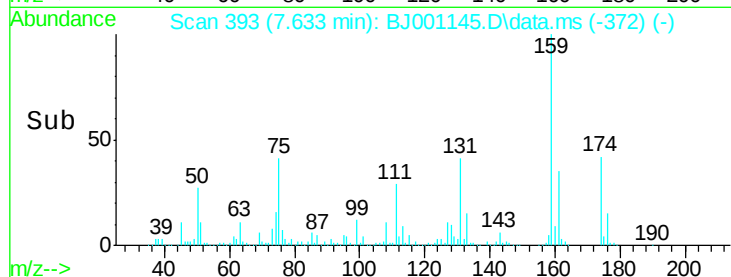
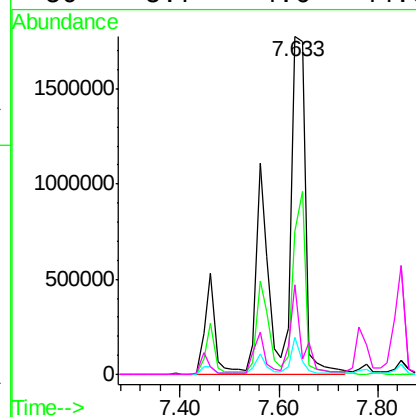
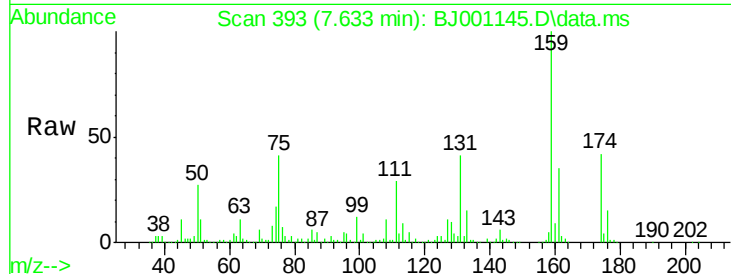
#13
p-Chlorophenylmethylsulfoxide
Concen: 30.39 ug/mL m
RT: 7.633 min Scan# 393
Delta R.T. 0.003 min
Lab File: BJ001145.D
Acq: 24 Sep 2012 16:09

Instrument :
BNA_J
LabSampleId :
CWA-5

Tgt Ion:	159	Resp:	6059606
Ion Ratio	Lower	Upper	
159	100		
174	14.4	0.0	20.4
108	2.7	0.0	22.2
50	5.7	4.6	44.6

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#14
p-Chlorophenylmethylsulfone
Concen: 25.46 ug/mL m
RT: 7.847 min Scan# 408
Delta R.T. 0.003 min
Lab File: BJ001145.D
Acq: 24 Sep 2012 16:09

Tgt Ion:	111	Resp:	7532950
Ion Ratio	Lower	Upper	
111	100		
75	37.8	16.1	56.1
127	39.6	19.6	59.6
190	20.7	1.2	41.2

