

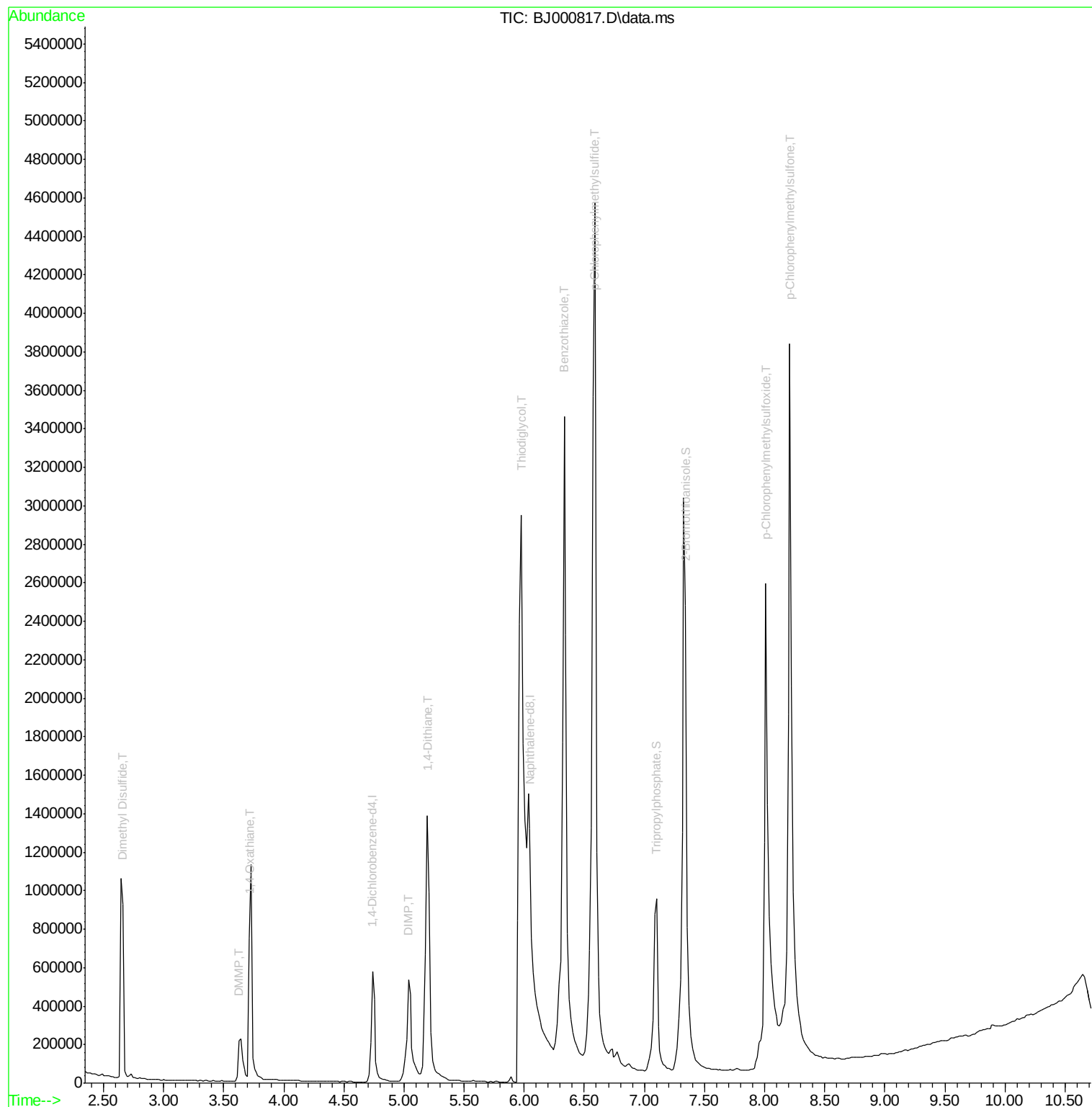
Data Path : Z:\HPCHEM1\BNA_J\data\BJ042712\
Data File : BJ000817.D
Acq On : 27 Apr 2012 11:31
Operator : HLM
Sample : CWA-CCV
Misc : STD BNA_J HLM
ALS Vial : 2 Sample Multiplier: 1

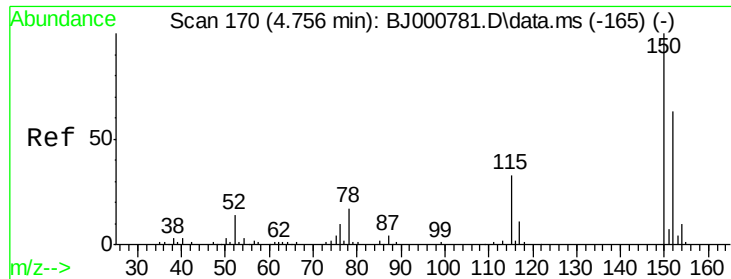
Instrument :
BNA_J
ClientSampleId :
CWA-CCV

Manual Integrations
APPROVED

AHPatel
5/3/2012 1:42:34 AM

Quant Time: May 03 01:38:08 2012
Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ042612.M
Quant Title : CWA degradation products by GCMS
QLast Update : Fri Apr 27 15:25:19 2012
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 2.00 ug/mL

RT: 4.738 min Scan# 16

Delta R.T. 0.000 min

Lab File: BJ000817.D

Acq: 27 Apr 2012 11:31

Instrument :

BNA_J

ClientSampleId :

CWA-CCV

Tgt Ion:152 Resp: 250371

Ion Ratio Lower Upper

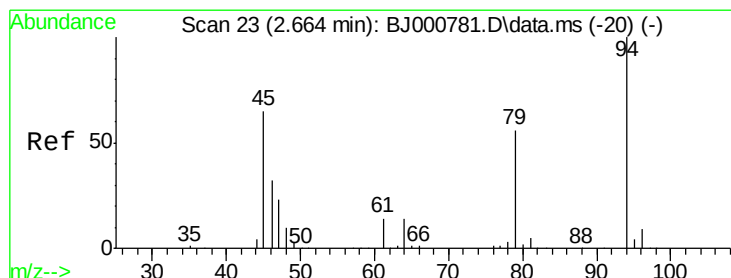
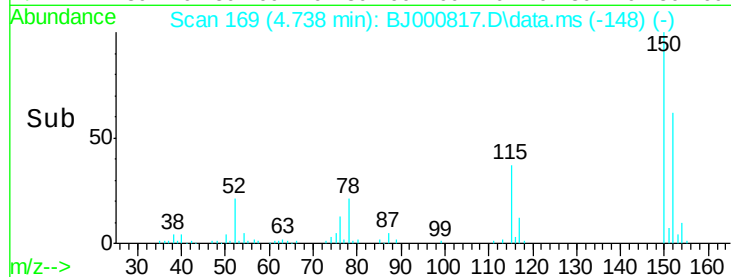
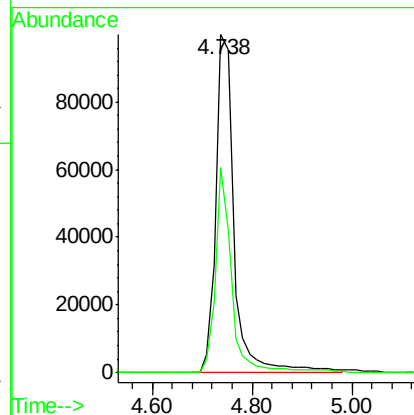
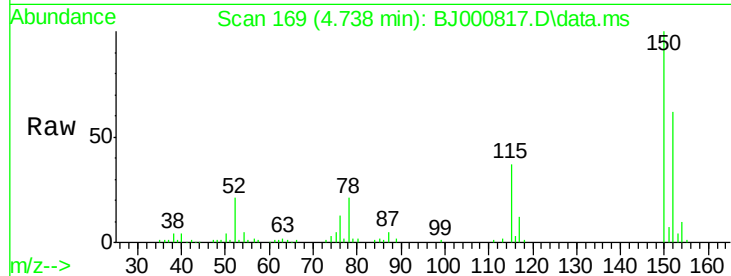
152 100

115 60.7 40.7 80.7

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#2

Dimethyl Disulfide

Concen: 5.64 ug/mL

RT: 2.660 min Scan# 23

Delta R.T. 0.000 min

Lab File: BJ000817.D

Acq: 27 Apr 2012 11:31

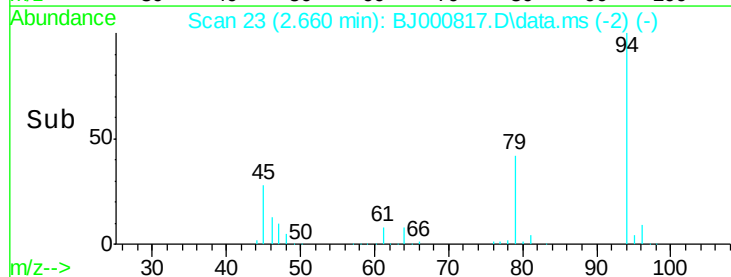
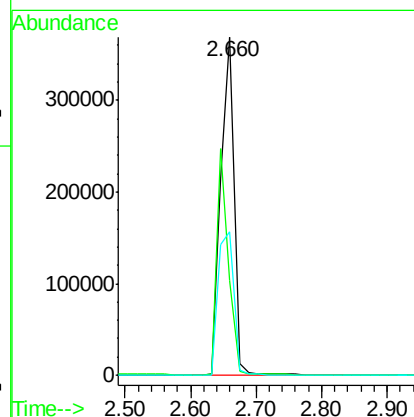
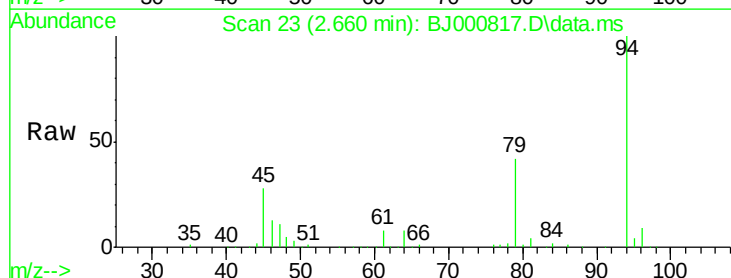
Tgt Ion: 94 Resp: 520044

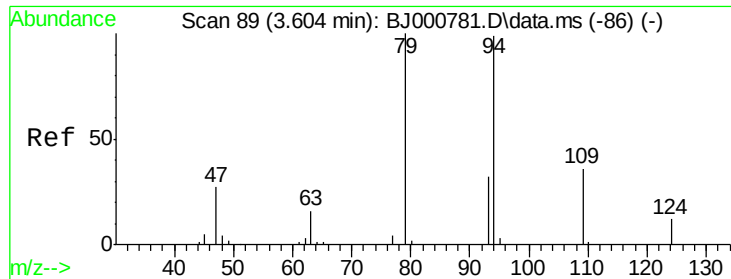
Ion Ratio Lower Upper

94 100

45 28.1 8.1 48.1

79 42.4 22.4 62.4





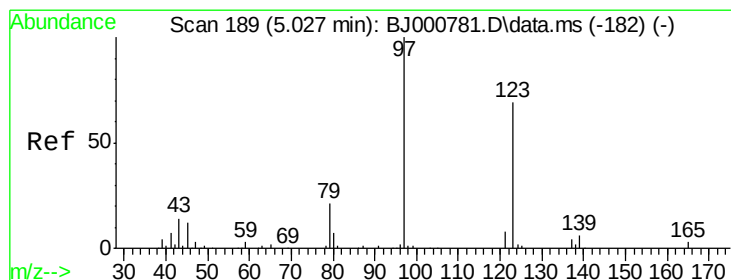
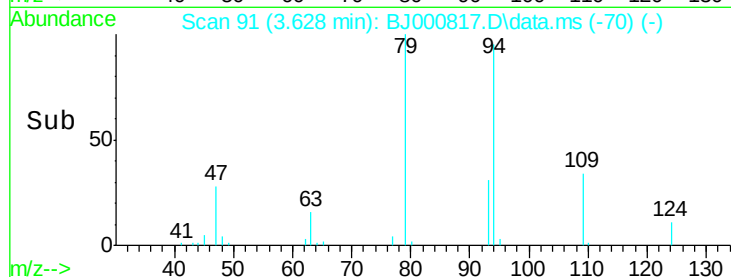
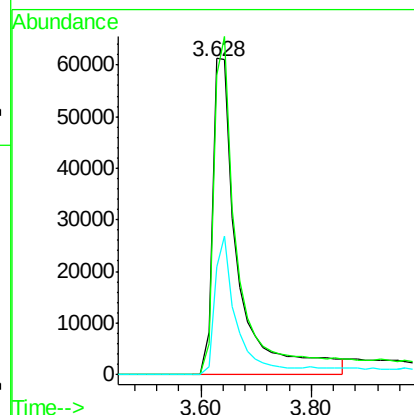
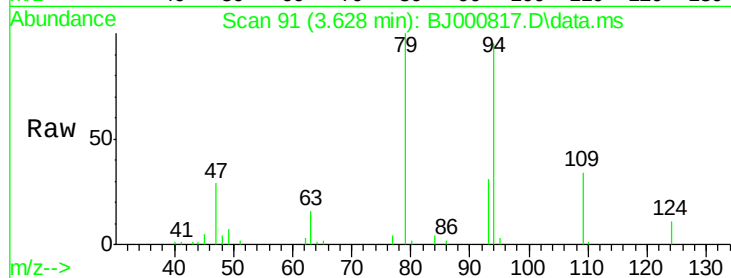
#3
DMMP
Concen: 2.49 ug/mL
RT: 3.628 min Scan# 91
Delta R.T. 0.000 min
Lab File: BJ000817.D
Acq: 27 Apr 2012 11:31

Instrument :
BNA_J
ClientSampleId :
CWA-CCV

Tgt Ion	Ratio	Resp Lower	Resp Upper
79	100		
94	94.5	74.5	114.5
109	33.9	13.9	53.9

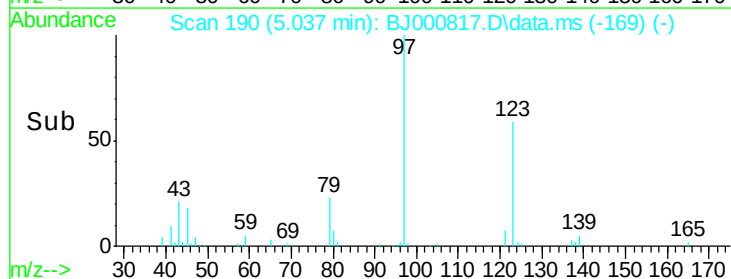
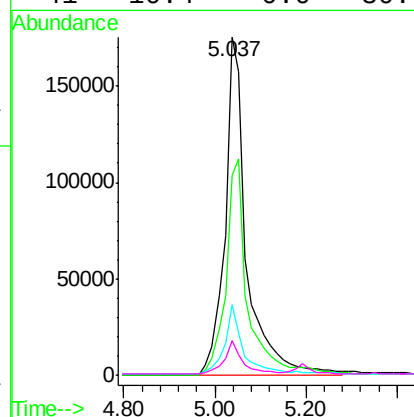
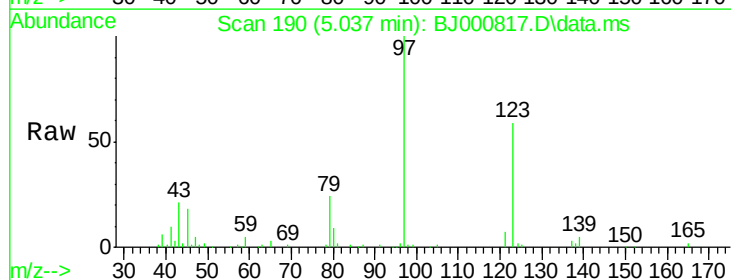
Manual Integrations
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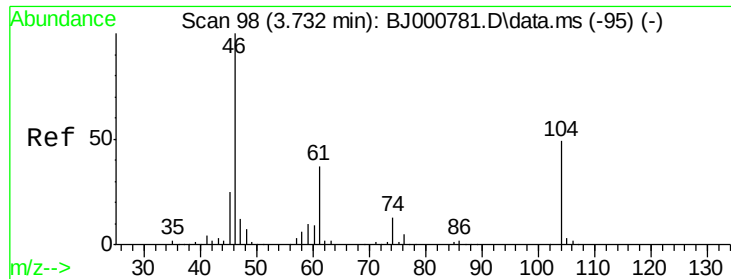
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#4
DIMP
Concen: 2.63 ug/mL
RT: 5.037 min Scan# 190
Delta R.T. 0.000 min
Lab File: BJ000817.D
Acq: 27 Apr 2012 11:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
97	100		
123	59.2	39.2	79.2
43	21.0	1.0	41.0
41	10.4	0.0	30.4





#5

1,4-Oxathiane

Concen: 5.83 ug/mL

RT: 3.713 min Scan# 97

Delta R.T. 0.000 min

Lab File: BJ000817.D

Acq: 27 Apr 2012 11:31

Instrument :

BNA_J

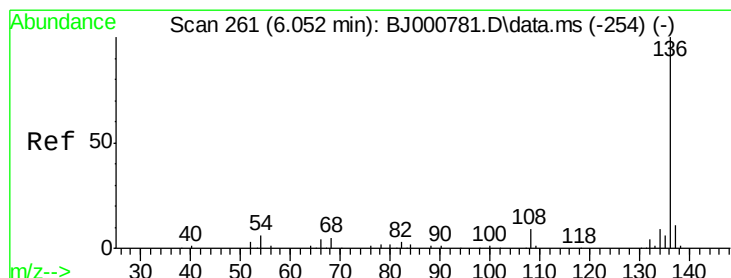
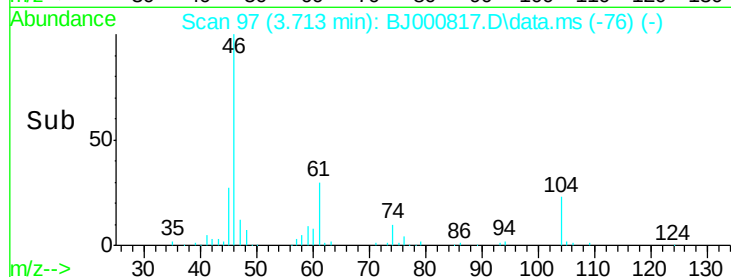
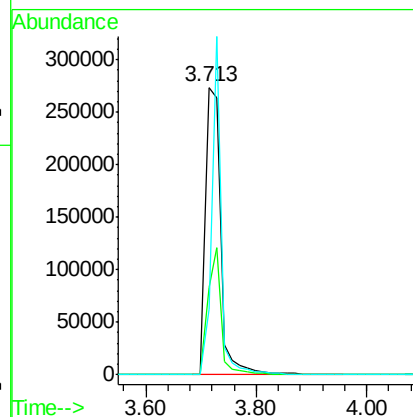
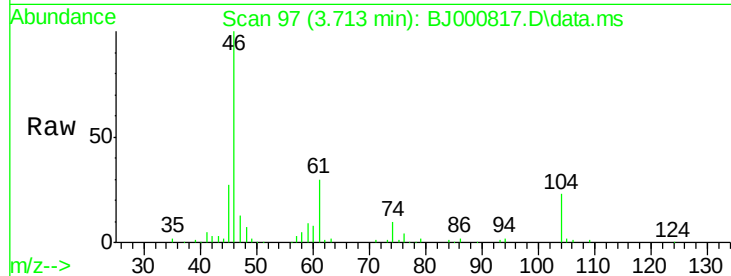
ClientSampleId :

CWA-CCV

Tgt Ion:	46	Resp:	518127
Ion Ratio		Lower	Upper
46	100		
61	30.3	10.3	50.3
104	23.0	3.0	43.0

Manual Integrations
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#6

Naphthalene-d8

Concen: 2.00 ug/mL

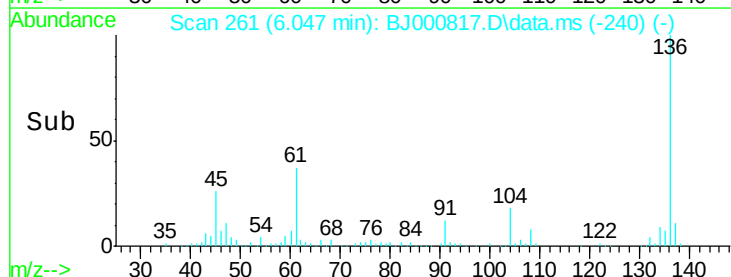
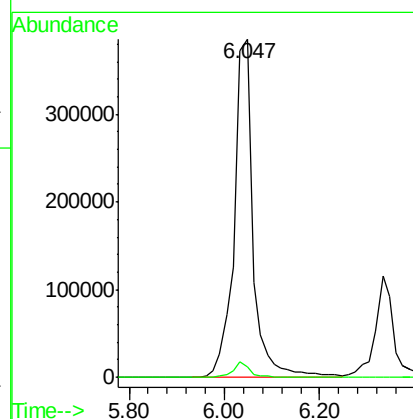
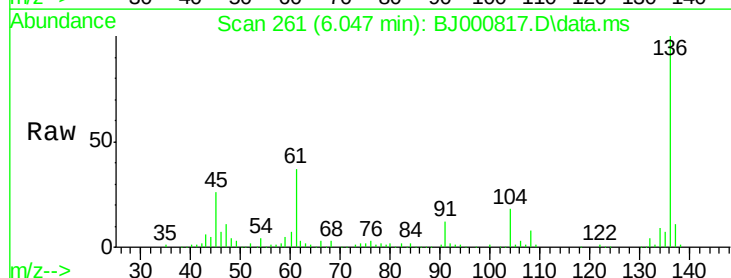
RT: 6.047 min Scan# 261

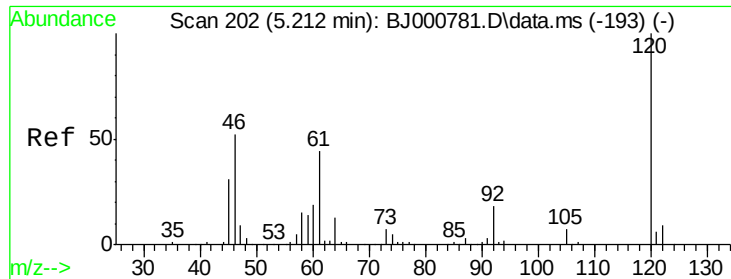
Delta R.T. 0.000 min

Lab File: BJ000817.D

Acq: 27 Apr 2012 11:31

Tgt Ion:	136	Resp:	1058163
Ion Ratio		Lower	Upper
136	100		
68	3.0	0.0	23.0





#7

1,4-Dithiane

Concen: 6.60 ug/mL

RT: 5.194 min Scan# 20

Delta R.T. 0.000 min

Lab File: BJ000817.D

Acq: 27 Apr 2012 11:31

Instrument :

BNA_J

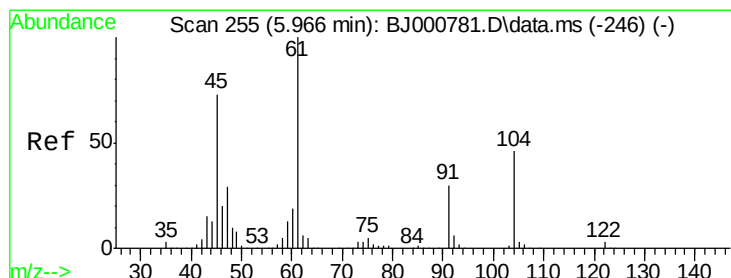
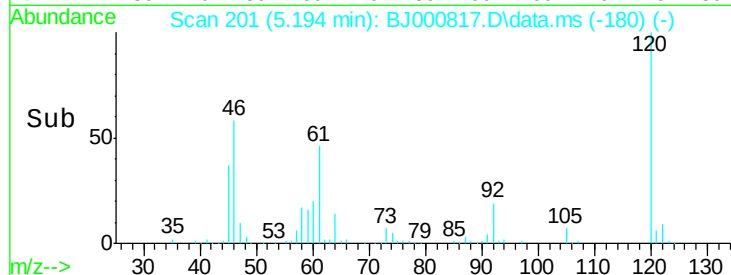
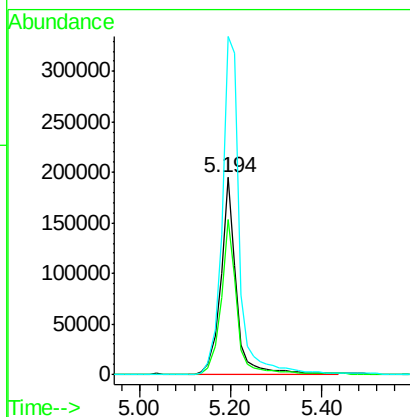
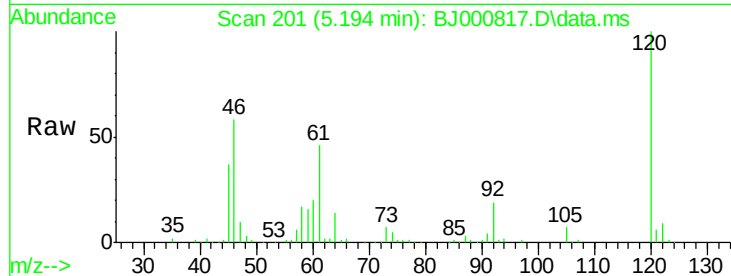
ClientSampleId :

CWA-CCV

Tgt Ion: 46 Resp: 461447
 Ion Ratio Lower Upper
 46 100
 61 78.9 58.9 98.9
 120 171.7 151.7 191.7

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#8

Thiodiglycol

Concen: 47.15 ug/mL m

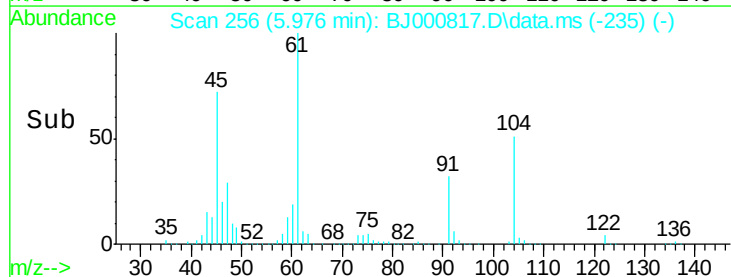
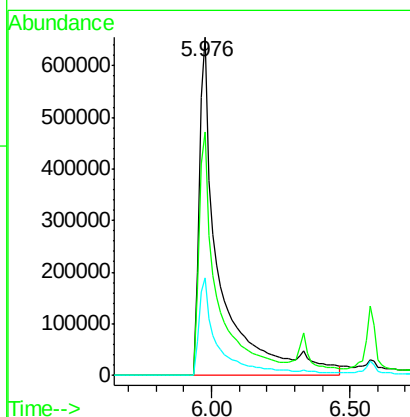
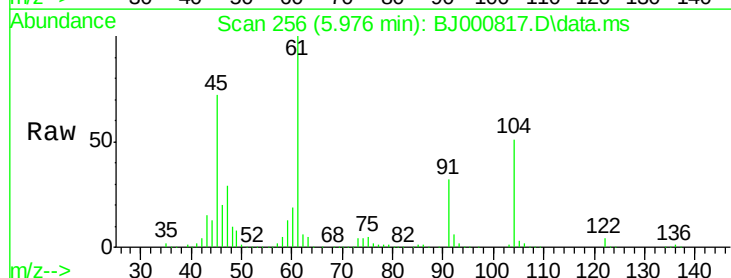
RT: 5.976 min Scan# 256

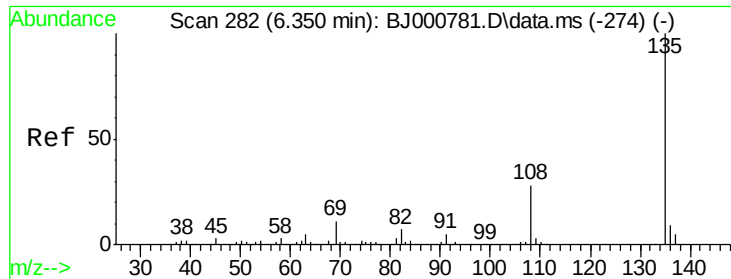
Delta R.T. 0.000 min

Lab File: BJ000817.D

Acq: 27 Apr 2012 11:31

Tgt Ion: 61 Resp: 3334931
 Ion Ratio Lower Upper
 61 100
 45 72.0 52.0 92.0
 47 28.7 8.7 48.7





#9

Benzothiazole

Concen: 13.67 ug/mL

RT: 6.332 min Scan# 28

Delta R.T. 0.000 min

Lab File: BJ000817.D

Acq: 27 Apr 2012 11:31

Instrument :

BNA_J

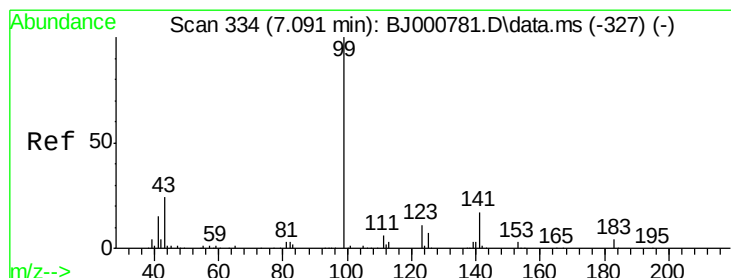
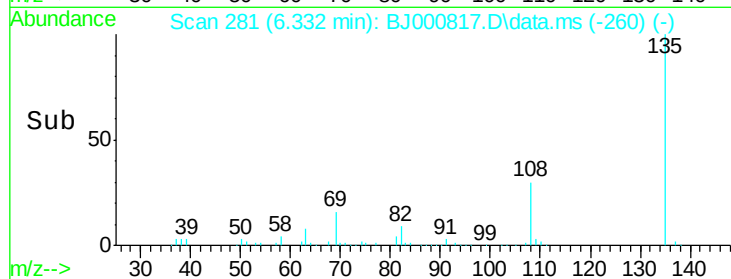
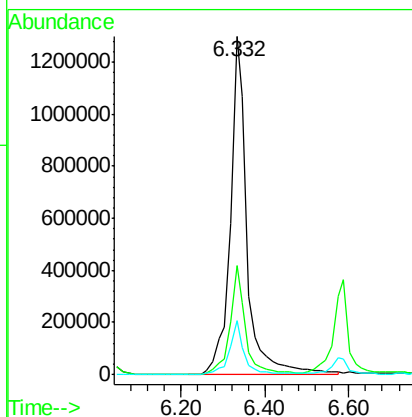
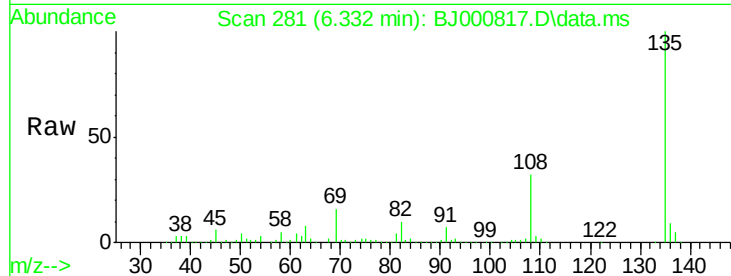
ClientSampleId :

CWA-CCV

Tgt Ion:	135	Resp:	3599660
Ion Ratio	Lower	Upper	
135	100		
108	32.3	12.3	52.3
69	16.1	0.0	36.1

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#10

Tripropylphosphate

Concen: 2.83 ug/mL

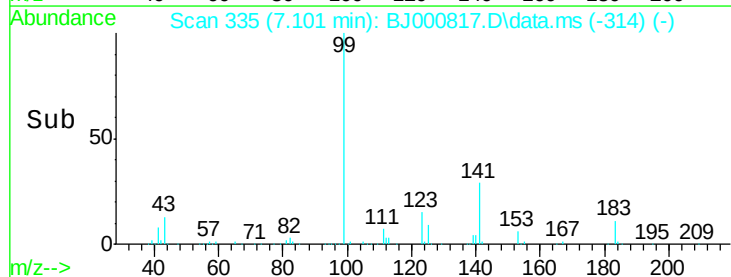
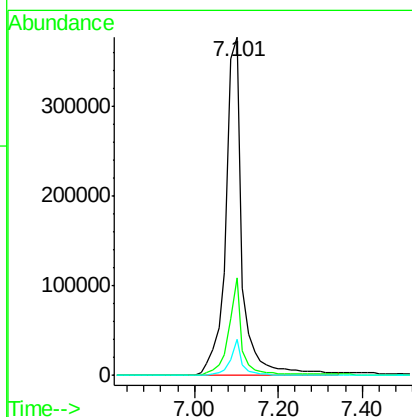
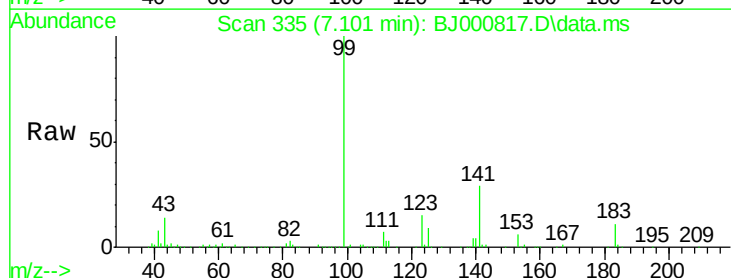
RT: 7.101 min Scan# 335

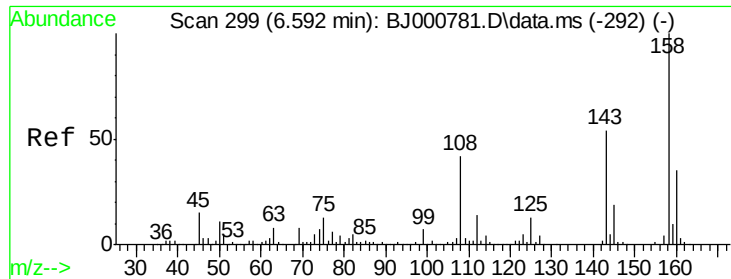
Delta R.T. 0.000 min

Lab File: BJ000817.D

Acq: 27 Apr 2012 11:31

Tgt Ion:	99	Resp:	1021265
Ion Ratio	Lower	Upper	
99	100		
141	23.3	18.6	28.0
183	7.8	6.2	9.4





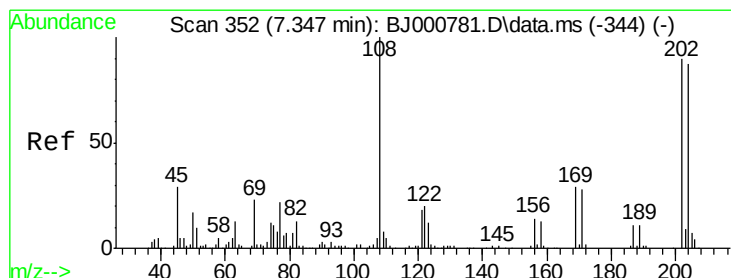
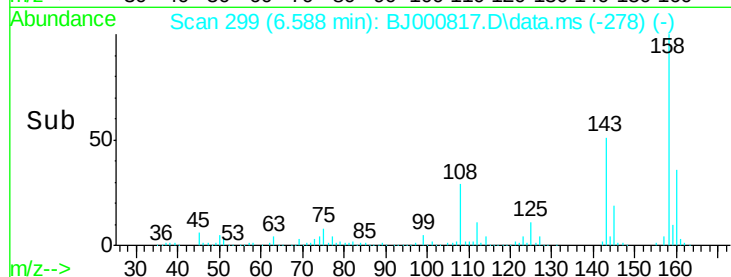
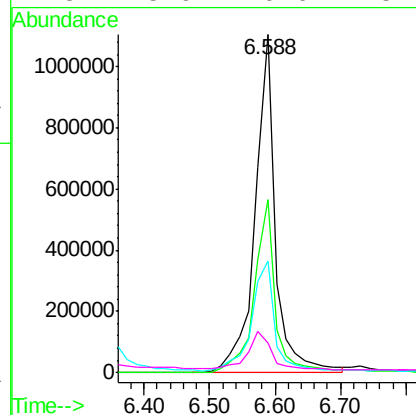
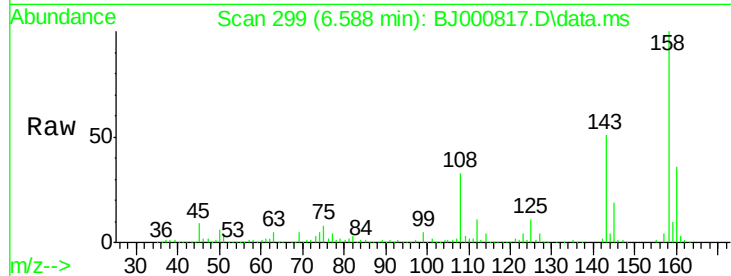
#11
p-Chlorophenylmethylsulfide
Concen: 12.93 ug/mL
RT: 6.588 min Scan# 299
Delta R.T. 0.000 min
Lab File: BJ000817.D
Acq: 27 Apr 2012 11:31

Instrument :
BNA_J
ClientSampled :
CWA-CCV

Tgt Ion	Ratio	Lower	Upper
158	100		
143	51.0	31.0	71.0
108	33.1	13.1	53.1
45	8.9	0.0	28.9

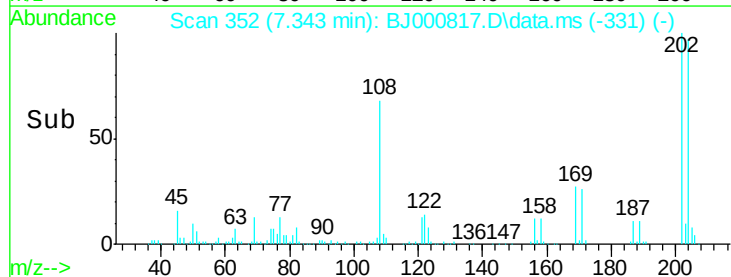
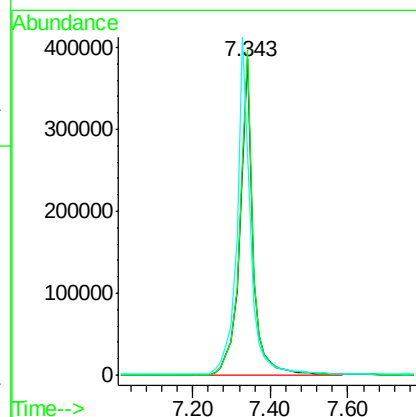
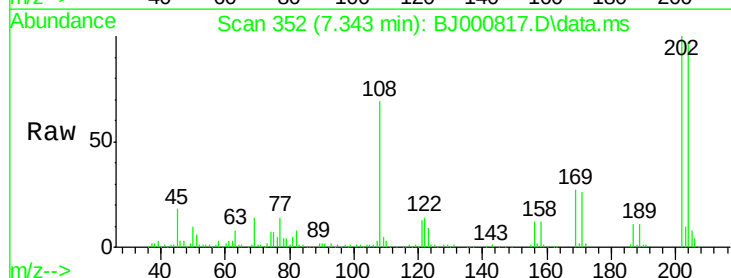
Manual Integrations
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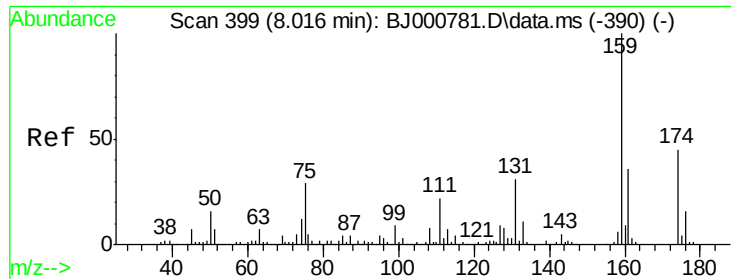
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#12
2-Bromothioanisole
Concen: 13.21 ug/mL
RT: 7.343 min Scan# 352
Delta R.T. 0.000 min
Lab File: BJ000817.D
Acq: 27 Apr 2012 11:31

Tgt Ion	Ratio	Lower	Upper
204	100		
202	102.7	82.7	122.7
108	70.5	50.5	90.5





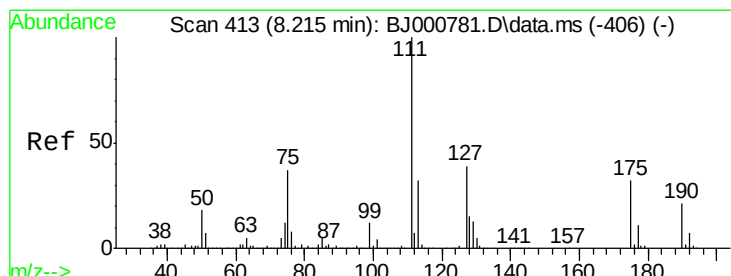
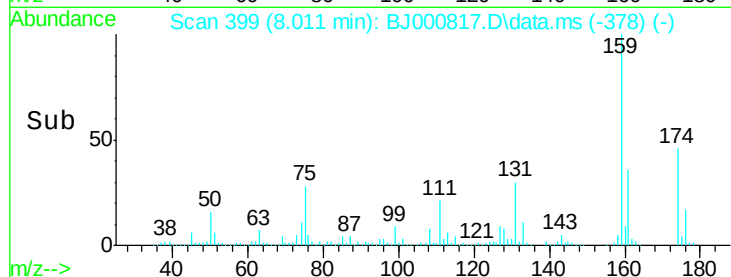
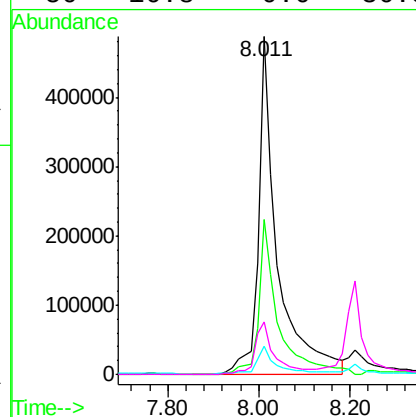
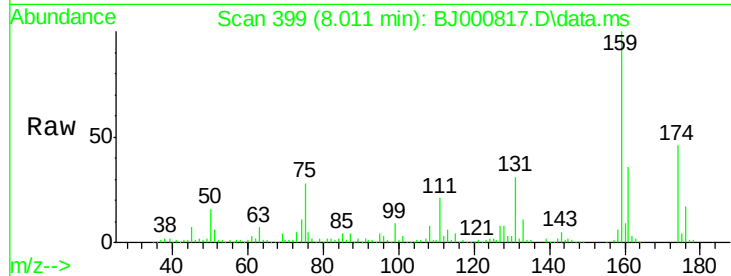
#13
p-Chlorophenylmethylsulfoxide
Concen: 13.81 ug/mL
RT: 8.011 min Scan# 399
Delta R.T. 0.000 min
Lab File: BJ000817.D
Acq: 27 Apr 2012 11:31

Instrument :
BNA_J
ClientSampleId :
CWA-CCV

Tgt Ion	Ratio	Lower	Upper
159	100		
174	47.6	27.6	67.6
108	8.5	0.0	28.5
50	16.8	0.0	36.8

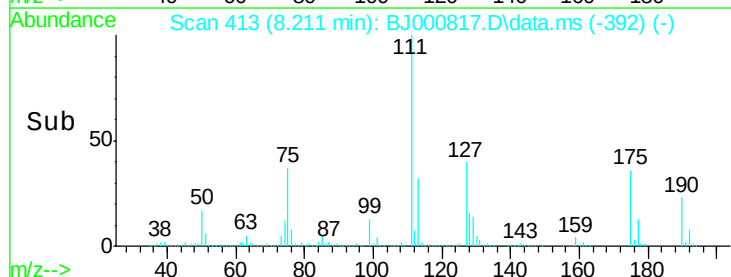
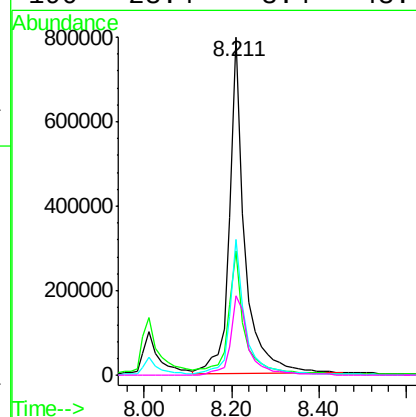
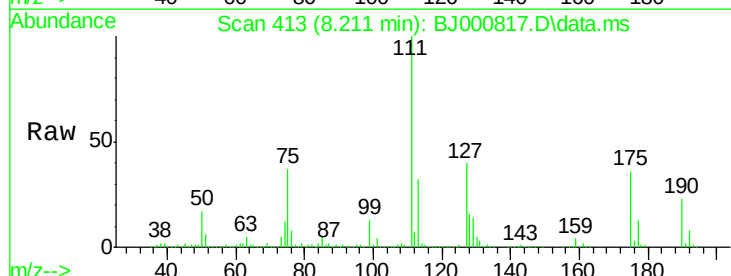
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#14
p-Chlorophenylmethylsulfone
Concen: 12.80 ug/mL
RT: 8.211 min Scan# 413
Delta R.T. 0.000 min
Lab File: BJ000817.D
Acq: 27 Apr 2012 11:31

Tgt Ion	Ratio	Lower	Upper
111	100		
75	36.6	16.6	56.6
127	40.0	20.0	60.0
190	23.4	3.4	43.4



Data Path : Z:\HPCHEM1\BNA_J\data\BJ042712\
 Data File : BJ000817.D
 Acq On : 27 Apr 2012 11:31
 Operator : HLM
 Sample : CWA-CCV
 Misc : STD BNA_J HLM
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_J
 ClientSampleId :
 CWA-CCV

Manual Integrations
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 5/3/2012 1:42:34 AM

Quant Time: May 03 01:38:08 2012
 Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ042612.M
 Quant Title : CWA degradation products by GCMS
 QLast Update : Fri Apr 27 15:25:19 2012
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.738	152	250371	2.00	ug/mL	0.00
6) Naphthalene-d8	6.047	136	1058163	2.00	ug/mL	0.00
System Monitoring Compounds						
10) Tripropylphosphate	7.101	99	1021265	2.83	ug/mL	0.00
Spiked Amount 0.500	Range 70 - 130		Recovery	=	566.00%#	
12) 2-Bromothioanisole	7.343	204	917030	13.21	ug/mL	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery	=	264.20%#	
Target Compounds						
						Qvalue
2) Dimethyl Disulfide	2.660	94	520044	5.64	ug/mL	100
3) DMMP	3.628	79	200415	2.49	ug/mL	100
4) DIMP	5.037	97	580347	2.63	ug/mL	100
5) 1,4-Oxathiane	3.713	46	518127	5.83	ug/mL	100
7) 1,4-Dithiane	5.194	46	461447	6.60	ug/mL	100
8) Thiodiglycol	5.976	61	3334931m	47.15	ug/mL	
9) Benzothiazole	6.332	135	3599660	13.67	ug/mL	100
11) p-Chlorophenylmethyisu...	6.588	158	2356172	12.93	ug/mL	100
13) p-Chlorophenylmethyisu...	8.011	159	1403450	13.81	ug/mL	100
14) p-Chlorophenylmethyisu...	8.211	111	1918703	12.80	ug/mL	100

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