

Data Path : S:\HPCHEM1\BNA_J\data\BJ100312\
 Data File : BJ001163.D
 Acq On : 3 Oct 2012 17:31
 Operator : HLM
 Sample : D4327-07MS
 Misc : SOIL BNA_J HLM
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_J
 ClientSampleId :
 4707WL-1(0.5)MS

Manual Integrations
 APPROVED

AHPatel
 10/9/2012 7:06:21 AM

Quant Time: Oct 09 04:58:40 2012
 Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ092412.M
 Quant Title : CWA degradation products by GCMS
 QLast Update : Wed Oct 03 18:08:25 2012
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.397	152	533395	2.00	ug/mL	-0.02
6) Naphthalene-d8	5.677	136	2275617	2.00	ug/mL	0.00
System Monitoring Compounds						
10) Tripropylphosphate	6.773	99	431299	0.50	ug/mL	0.02
Spiked Amount 0.500	Range	70 - 130	Recovery	=	100.00%	
12) 2-Bromothioanisole	6.973	204	664902	3.85	ug/mL	0.00
Spiked Amount 5.000	Range	70 - 130	Recovery	=	77.00%	
Target Compounds						Qvalue
2) Dimethyl Disulfide	2.433	94	404191	1.98	ug/mL#	57
3) DMMP	3.343	79	287867	1.51	ug/mL	84
4) DIMP	4.738	97	1289366	2.75	ug/mL	94
5) 1,4-Oxathiane	3.429	46	661655	3.08	ug/mL#	28
7) 1,4-Dithiane	4.838	46	636646	3.68	ug/mL#	73
8) Thiodiglycol	5.635	61	3604909m	22.55	ug/mL	
9) Benzothiazole	5.976	135	5143333	7.76	ug/mL	93
11) p-Chlorophenylmethyisu...	6.233	158	2642333	7.30	ug/mL	87
13) p-Chlorophenylmethyisu...	7.642	159	2227262	8.17	ug/mL	99
14) p-Chlorophenylmethyisu...	7.841	111	2768434	8.23	ug/mL	88

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

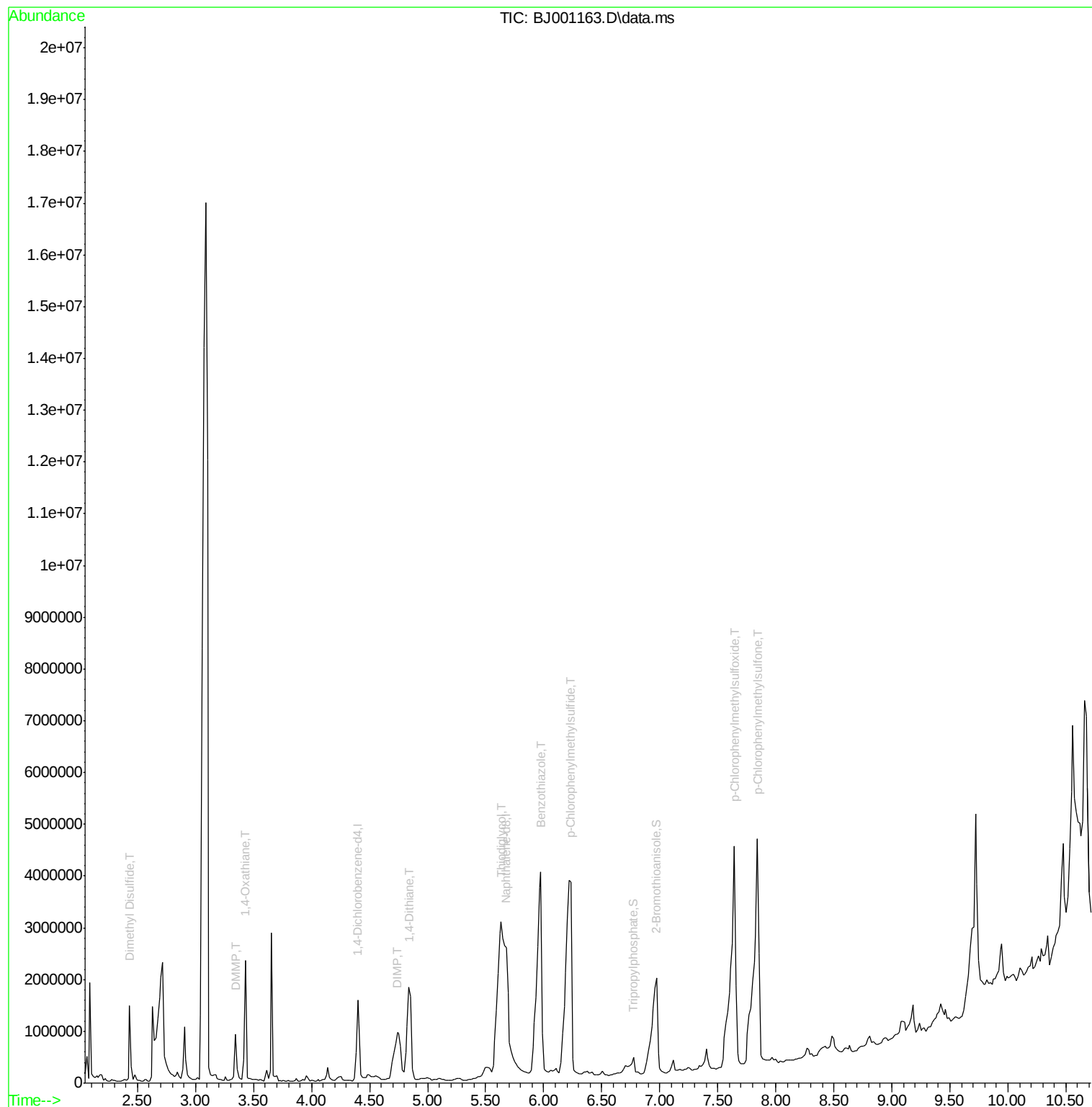
Data Path : S:\HPCHEM1\BNA_J\data\BJ100312\
Data File : BJ001163.D
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Misc : SOIL BNA_J HLM
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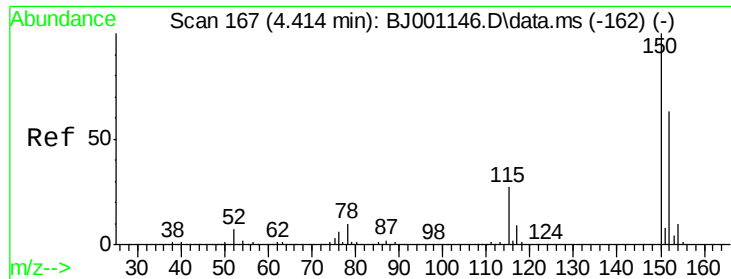
Instrument :
BNA_J
ClientSampleId :
4707WL-1(0.5)MS

Manual Integrations
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10/9/2012 7:06:21 AM

Quant Time: Oct 09 04:58:40 2012
Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ092412.M
Quant Title : CWA degradation products by GCMS
QLast Update : Wed Oct 03 18:08:25 2012
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 2.00 ug/mL

RT: 4.397 min Scan# 16

Delta R.T. -0.018 min

Lab File: BJ001163.D

Acq: 3 Oct 2012 17:31

Instrument :

BNA_J

ClientSampleId :

4707WL-1(0.5)MS

Tgt Ion:152 Resp: 533395

Ion Ratio Lower Upper

152 100

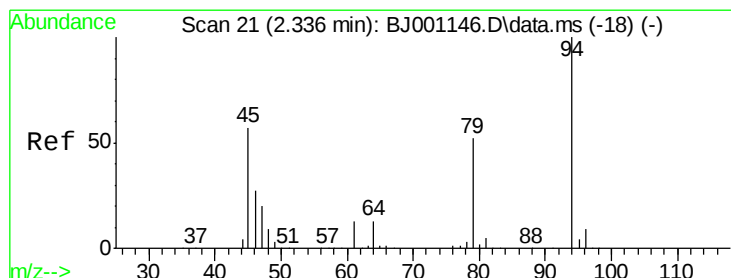
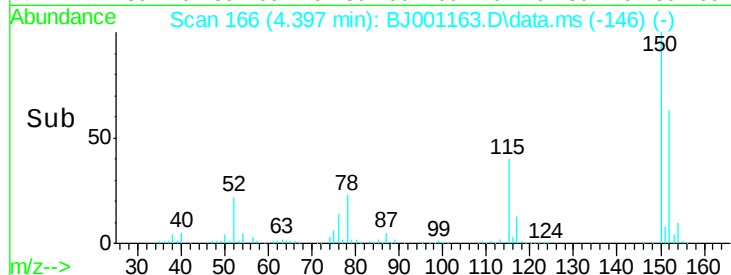
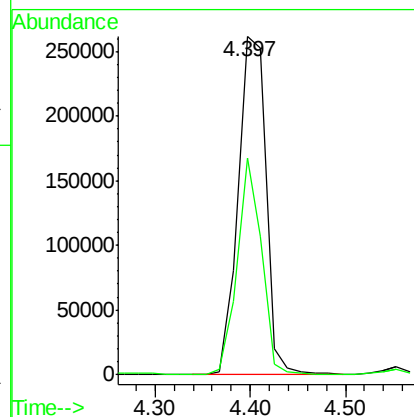
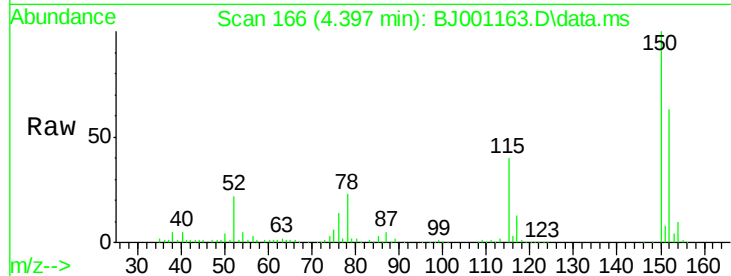
115 64.0 28.2 68.2

Manual Integrations

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#2

Dimethyl Disulfide

Concen: 1.98 ug/mL

RT: 2.433 min Scan# 28

Delta R.T. 0.081 min

Lab File: BJ001163.D

Acq: 3 Oct 2012 17:31

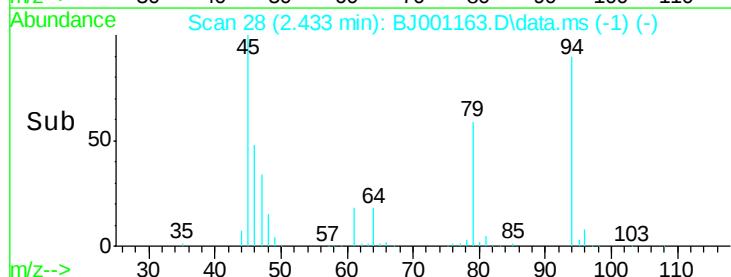
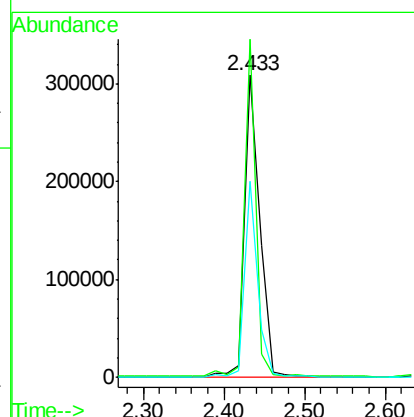
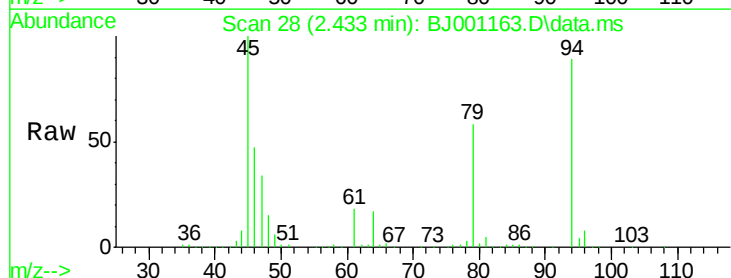
Tgt Ion: 94 Resp: 404191

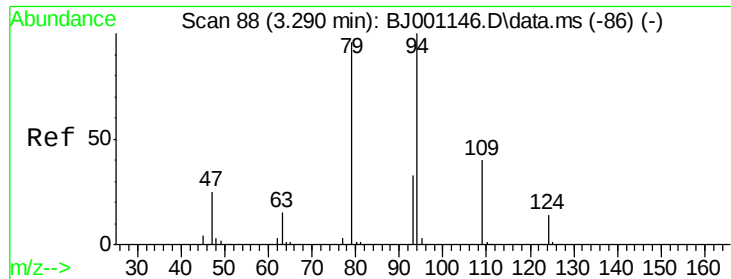
Ion Ratio Lower Upper

94 100

45 112.0 42.3 82.3#

79 65.0 33.0 73.0





#3

DMMP

Concen: 1.51 ug/mL

RT: 3.343 min Scan# 92

Delta R.T. 0.053 min

Lab File: BJ001163.D

Acq: 3 Oct 2012 17:31

Instrument :

BNA_J

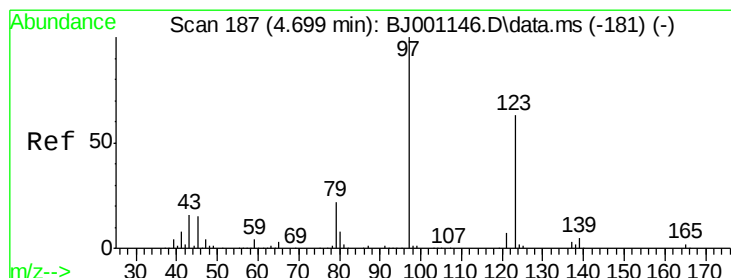
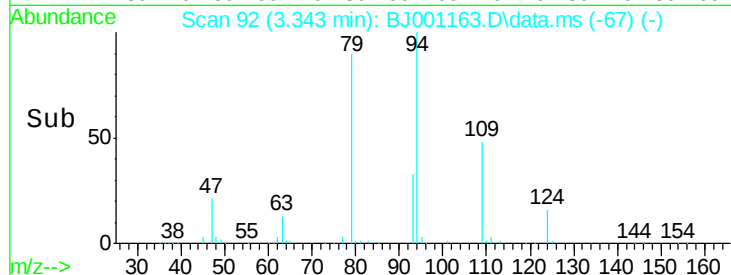
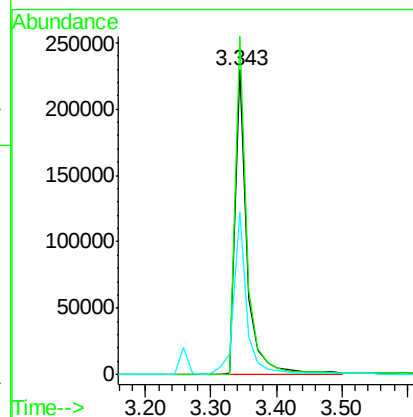
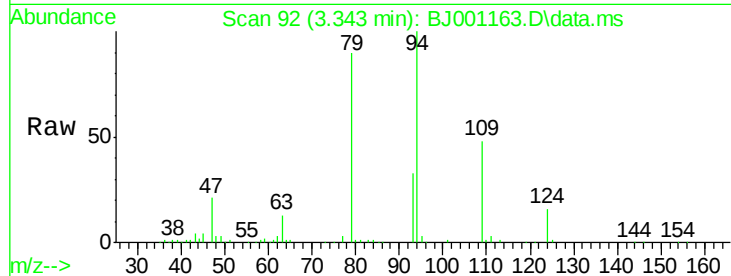
ClientSampleId :

4707WL-1(0.5)MS

Tgt Ion:	79	Resp:	287867
Ion Ratio	Lower	Upper	
79	100		
94	111.0	78.6	118.6
109	53.4	17.6	57.6

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#4

DIMP

Concen: 2.75 ug/mL

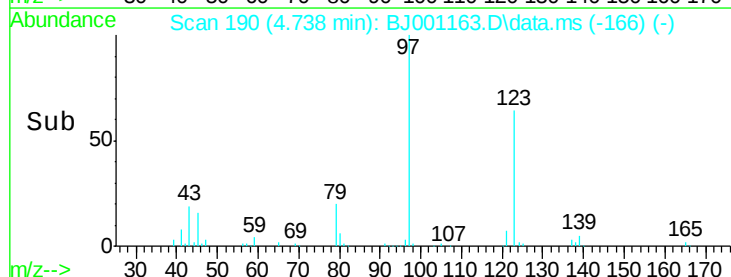
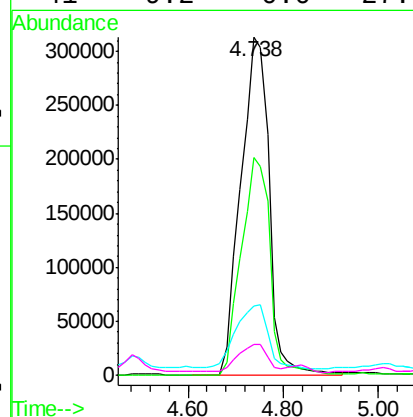
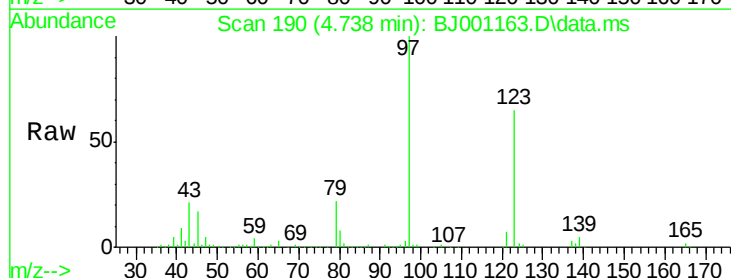
RT: 4.738 min Scan# 190

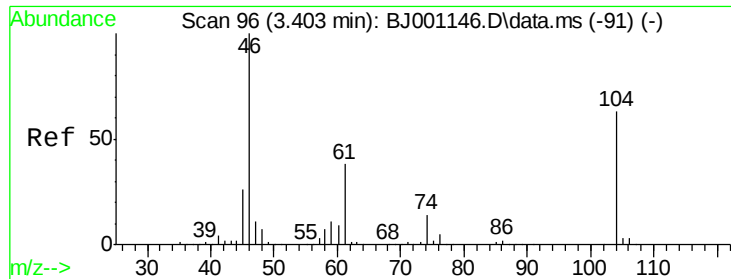
Delta R.T. 0.039 min

Lab File: BJ001163.D

Acq: 3 Oct 2012 17:31

Tgt Ion:	97	Resp:	1289366
Ion Ratio	Lower	Upper	
97	100		
123	64.5	47.5	87.5
43	20.6	0.0	34.6
41	9.2	0.0	27.0





#5

1,4-Oxathiane

Concen: 3.08 ug/mL

RT: 3.429 min Scan# 98

Delta R.T. 0.024 min

Lab File: BJ001163.D

Acq: 3 Oct 2012 17:31

Instrument :

BNA_J

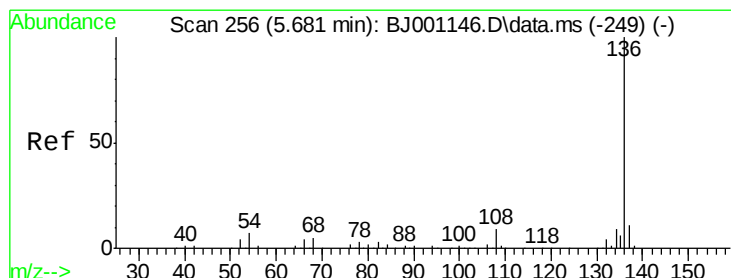
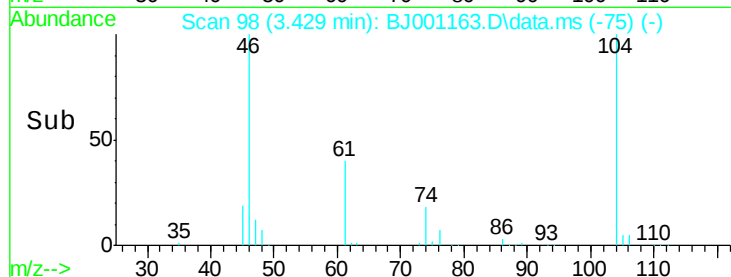
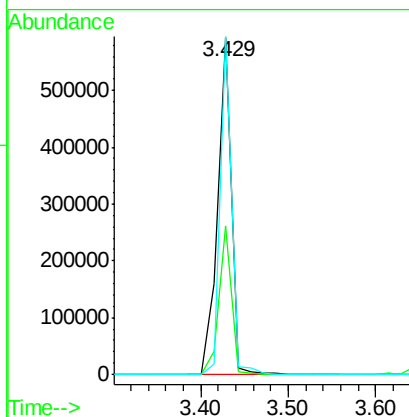
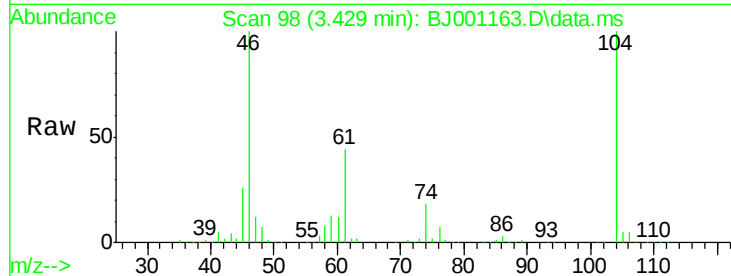
ClientSampleId :

4707WL-1(0.5)MS

Tgt Ion:	46	Resp:	661655
Ion Ratio	Lower	Upper	
46	100		
61	44.0	11.9	51.9
104	100.2	11.7	51.7#

Manual Integrations
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#6

Naphthalene-d8

Concen: 2.00 ug/mL

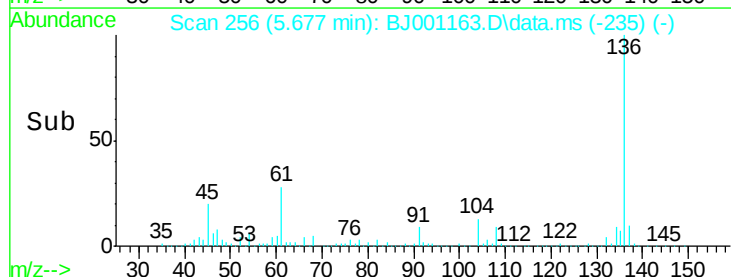
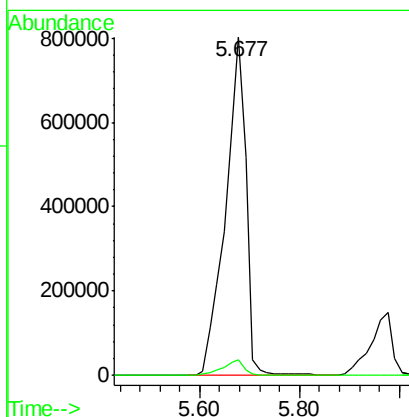
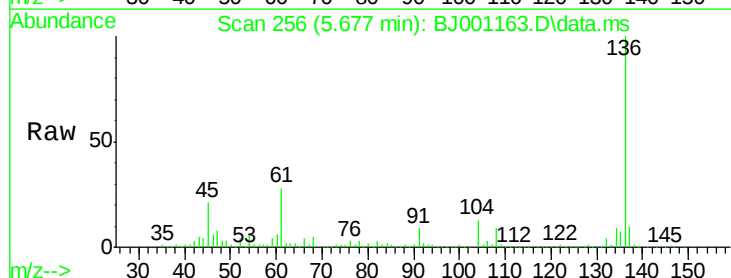
RT: 5.677 min Scan# 256

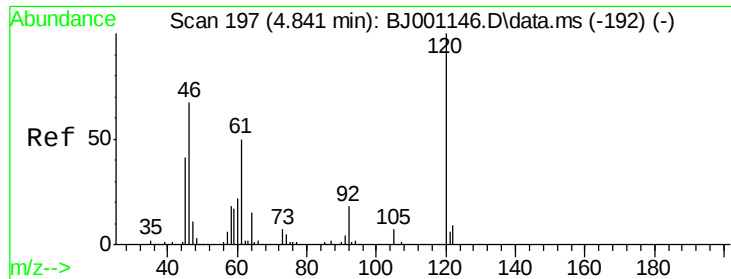
Delta R.T. -0.004 min

Lab File: BJ001163.D

Acq: 3 Oct 2012 17:31

Tgt Ion:	136	Resp:	2275617
Ion Ratio	Lower	Upper	
136	100		
68	4.7	0.0	24.8





#7

1,4-Dithiane

Concen: 3.68 ug/mL

RT: 4.838 min Scan# 19

Delta R.T. -0.018 min

Lab File: BJ001163.D

Acq: 3 Oct 2012 17:31

Instrument :

BNA_J

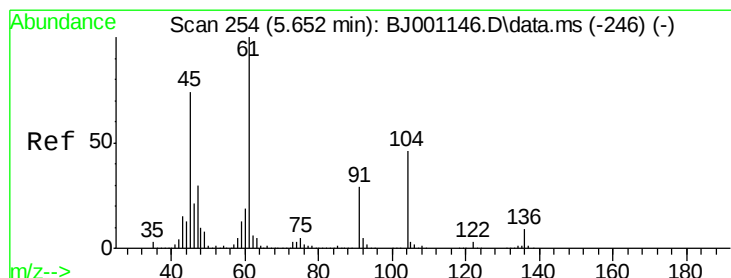
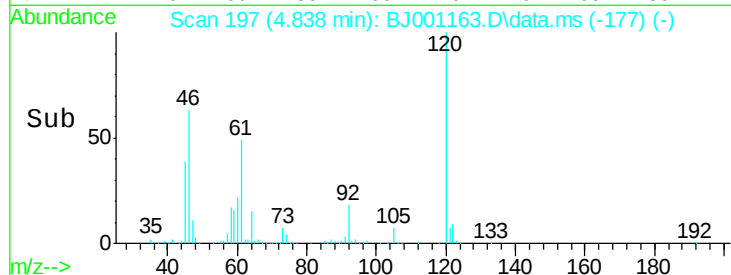
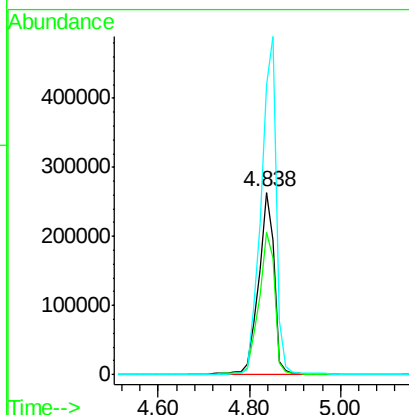
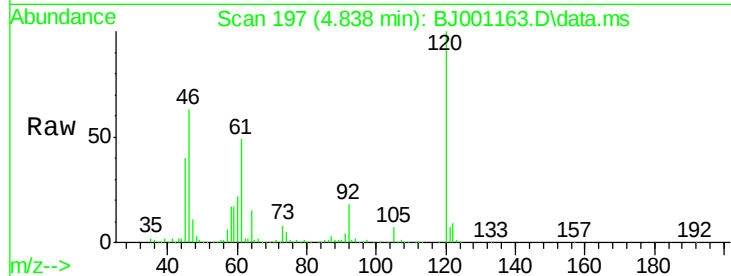
ClientSampleId :

4707WL-1(0.5)MS

Tgt Ion	Ratio	Lower	Upper
46	100		
61	78.3	61.8	101.8
120	158.4	194.6	234.6

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#8

Thiodiglycol

Concen: 22.55 ug/mL m

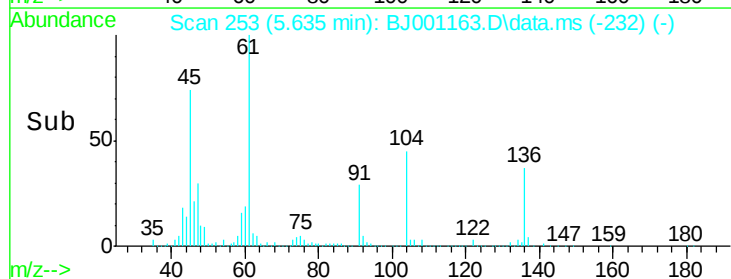
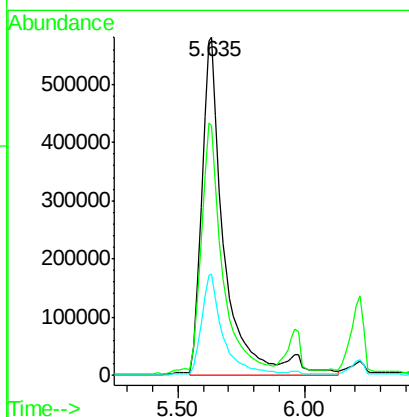
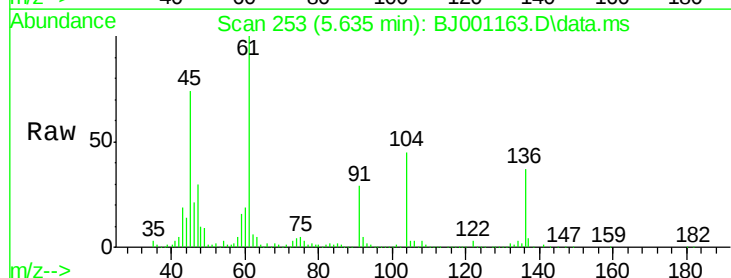
RT: 5.635 min Scan# 253

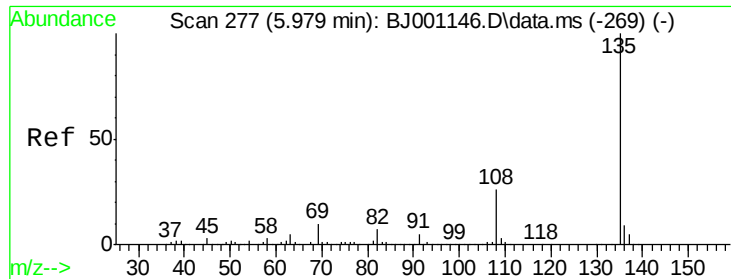
Delta R.T. -0.004 min

Lab File: BJ001163.D

Acq: 3 Oct 2012 17:31

Tgt Ion	Ratio	Lower	Upper
61	100		
45	74.1	55.5	95.5
47	29.8	10.3	50.3





#9

Benzothiazole

Concen: 7.76 ug/mL

RT: 5.976 min Scan# 27

Delta R.T. -0.004 min

Lab File: BJ001163.D

Acq: 3 Oct 2012 17:31

Instrument :

BNA_J

ClientSampleId :

4707WL-1(0.5)MS

Tgt Ion:135 Resp: 5143333

Ion Ratio Lower Upper

135 100

108 28.0 5.2 45.2

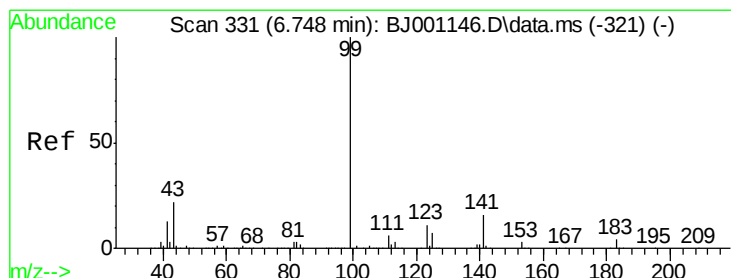
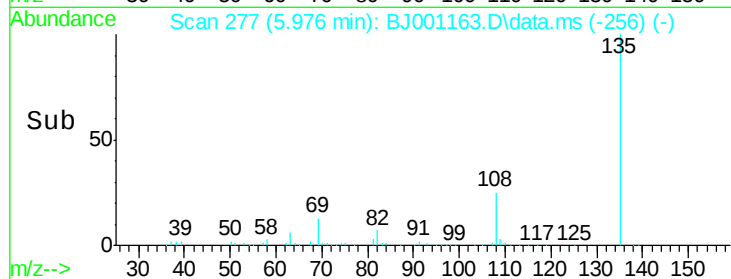
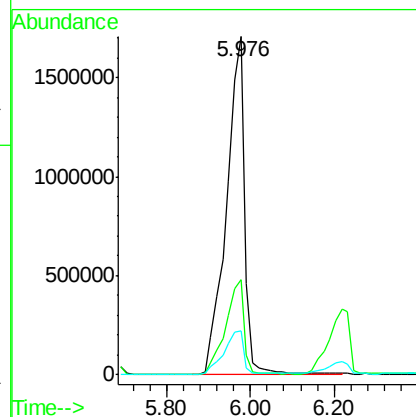
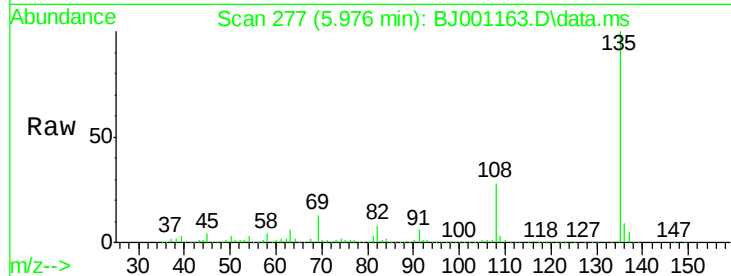
69 12.8 0.0 29.2

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#10

Tripropylphosphate

Concen: 0.50 ug/mL

RT: 6.773 min Scan# 333

Delta R.T. 0.024 min

Lab File: BJ001163.D

Acq: 3 Oct 2012 17:31

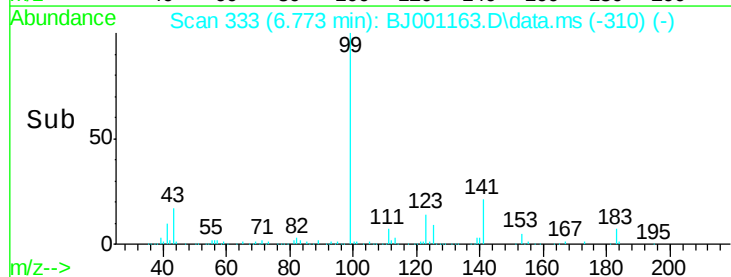
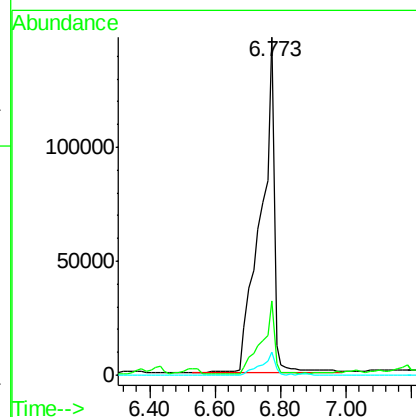
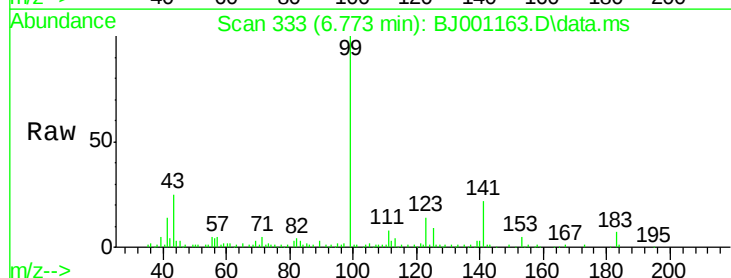
Tgt Ion: 99 Resp: 431299

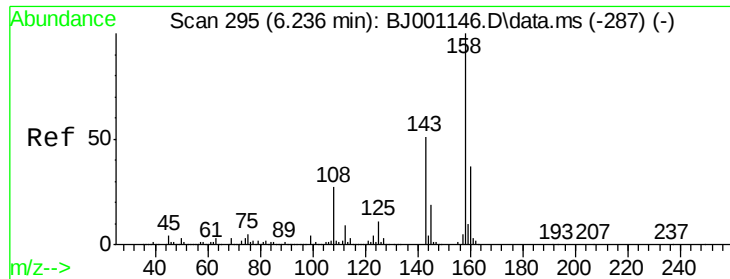
Ion Ratio Lower Upper

99 100

141 20.1 15.5 23.3

183 6.8 5.2 7.8





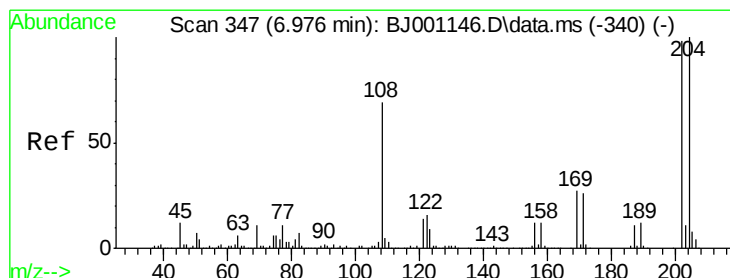
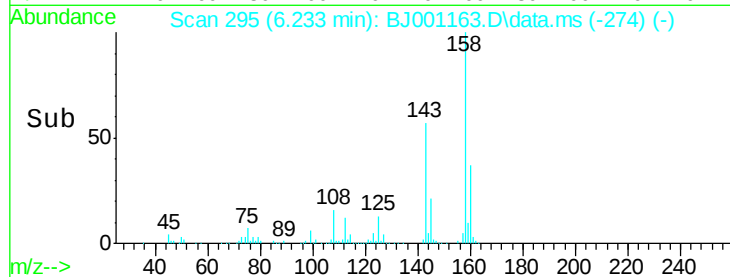
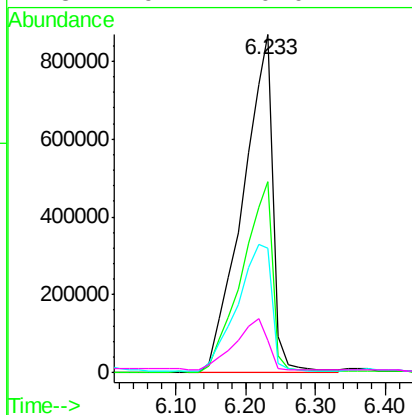
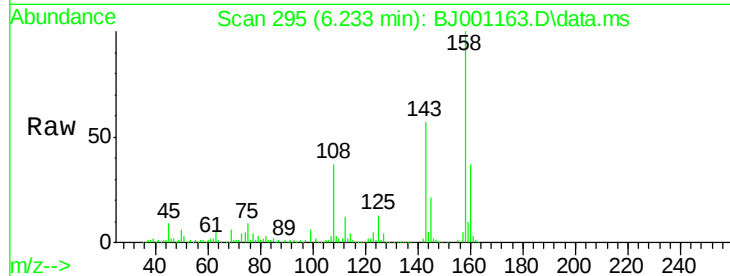
#11
p-Chlorophenylmethylsulfide
Concen: 7.30 ug/mL
RT: 6.233 min Scan# 29
Delta R.T. -0.004 min
Lab File: BJ001163.D
Acq: 3 Oct 2012 17:31

Instrument :
BNA_J
ClientSampleId :
4707WL-1(0.5)MS

Tgt Ion:	158	Resp:	2642333
Ion Ratio	Lower	Upper	
158	100		
143	56.6	30.4	70.4
108	36.6	6.0	46.0
45	9.4	0.0	24.2

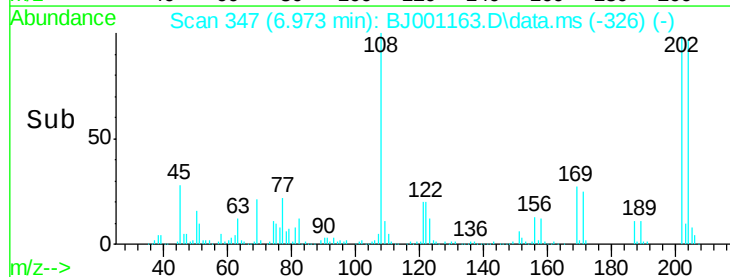
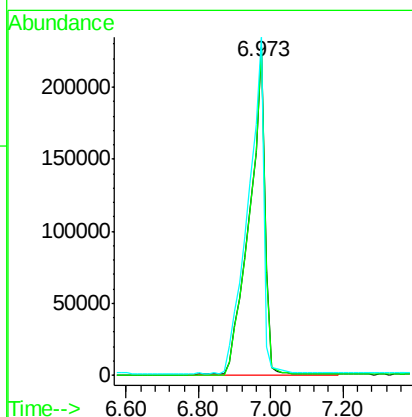
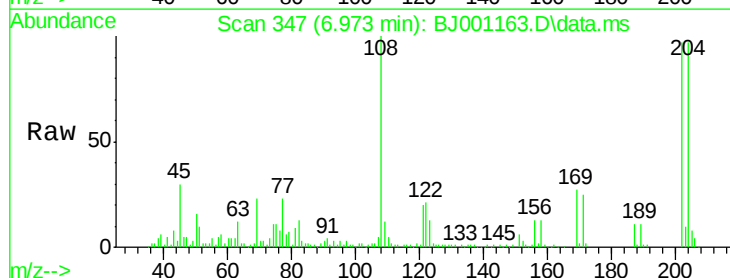
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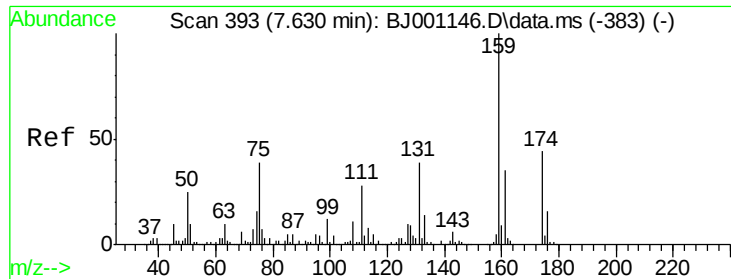
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10/9/2012 7:06:21 AM



#12
2-Bromothioanisole
Concen: 3.85 ug/mL
RT: 6.973 min Scan# 347
Delta R.T. -0.004 min
Lab File: BJ001163.D
Acq: 3 Oct 2012 17:31

Tgt Ion:	204	Resp:	664902
Ion Ratio	Lower	Upper	
204	100		
202	100.1	79.0	119.0
108	103.1	35.7	75.7#





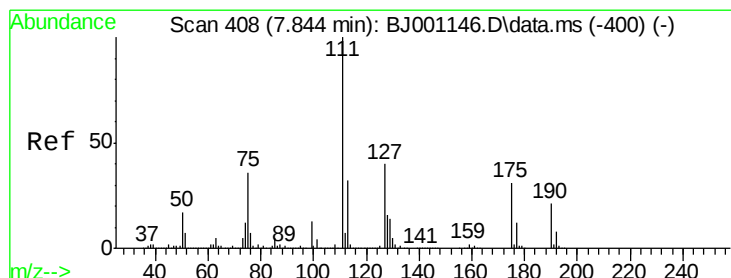
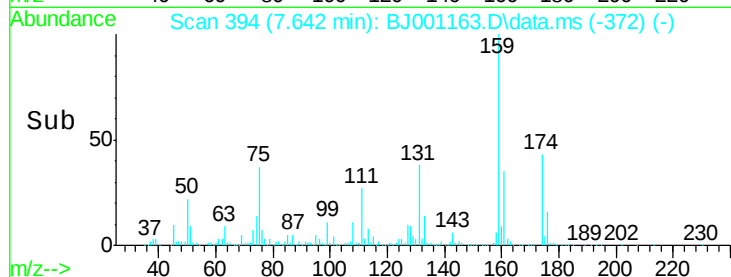
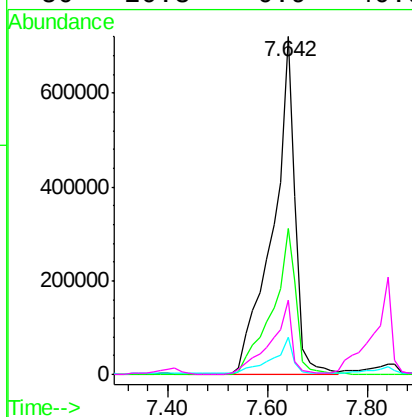
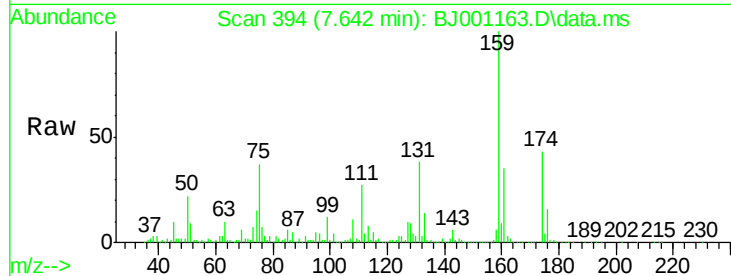
#13
p-Chlorophenylmethylsulfoxide
Concen: 8.17 ug/mL
RT: 7.642 min Scan# 393
Delta R.T. 0.010 min
Lab File: BJ001163.D
Acq: 3 Oct 2012 17:31

Instrument :
BNA_J
ClientSampleId :
4707WL-1(0.5)MS

Tgt Ion	Ratio	Lower	Upper
159	100		
174	46.1	27.0	67.0
108	9.9	0.0	29.9
50	20.8	0.9	40.9

Manual Integrations
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#14
p-Chlorophenylmethylsulfone
Concen: 8.23 ug/mL
RT: 7.841 min Scan# 408
Delta R.T. -0.004 min
Lab File: BJ001163.D
Acq: 3 Oct 2012 17:31

Tgt Ion	Ratio	Lower	Upper
111	100		
75	41.8	11.0	51.0
127	37.1	21.3	61.3
190	18.0	3.9	43.9

