

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM071317\  
 Data File : BM010809.D  
 Acq On : 13 Jul 2017 13:06  
 Operator : SJ/JU  
 Sample : I3757-05  
 Misc : 2PPM LOD  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 LOD-WATER-05-QT3-2017

Manual Integrations  
 APPROVED

mohammad  
 7/17/2017 8:13:13 AM

Quant Time: Jul 13 14:23:06 2017  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\8270-BM071217.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 12 14:21:16 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.45  | 152  | 191002   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8             | 10.20 | 136  | 754379   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10           | 14.10 | 164  | 499875   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10           | 16.85 | 188  | 1249186  | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12               | 21.07 | 240  | 1304931  | 20.00  | ng    | 0.00     |
| 86) Perylene-d12               | 23.20 | 264  | 1119052  | 20.00  | ng    | 0.00     |
| System Monitoring Compounds    |       |      |          |        |       |          |
| 5) 2-Fluorophenol              | 5.08  | 112  | 1529420  | 132.64 | ng    | 0.00     |
| 7) Phenol-d6                   | 6.64  | 99   | 2076500  | 130.63 | ng    | 0.00     |
| 23) Nitrobenzene-d5            | 8.59  | 82   | 2002919  | 102.05 | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol       | 15.60 | 330  | 1159410  | 151.77 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl           | 12.71 | 172  | 4324817  | 107.63 | ng    | 0.00     |
| 78) Terphenyl-d14              | 19.52 | 244  | 6358548  | 94.24  | ng    | 0.00     |
| Target Compounds               |       |      |          |        |       |          |
| 17) 2-Methylphenol             | 7.89  | 107  | 19270    | 1.773  | ng    | # 67     |
| 19) n-Nitroso-di-n-propylamine | 8.25  | 70   | 22222    | 1.765  | ng    | # 88     |
| 20) 3+4-Methylphenols          | 8.21  | 107  | 26210    | 1.736  | ng    | # 80     |
| 22) Acetophenone               | 8.26  | 105  | 41726    | 1.837  | ng    | # 92     |
| 25) Isophorone                 | 9.15  | 82   | 58956    | 1.834  | ng    | # 89     |
| 26) 2-Nitrophenol              | 9.34  | 139  | 10952    | 1.636  | ng    | # 65     |
| 27) 2,4-Dimethylphenol         | 9.40  | 122  | 20597    | 1.724  | ng    | # 75     |
| 28) bis(2-Chloroethoxy)methane | 9.64  | 93   | 30699    | 1.703  | ng    | # 97     |
| 29) 2,4-Dichlorophenol         | 9.86  | 162  | 21735    | 1.611  | ng    | # 92     |
| 30) 1,2,4-Trichlorobenzene     | 10.07 | 180  | 29450    | 1.785  | ng    | # 87     |
| 36) 4-Chloro-3-methylphenol    | 11.50 | 107  | 26327    | 1.613  | ng    | # 73     |
| 42) 2,4,6-Trichlorophenol      | 12.51 | 196  | 22811m   | 1.700  | ng    | #        |
| 43) 2,4,5-Trichlorophenol      | 12.57 | 196  | 21169    | 1.598  | ng    | # 82     |
| 56) 2,4-Dinitrotoluene         | 14.47 | 165  | 14274    | 1.233  | ng    | # 70     |
| 60) 4-Chlorophenyl-phenylether | 15.16 | 204  | 43789    | 1.766  | ng    | # 95     |
| 61) 4-Nitroaniline             | 15.18 | 138  | 11570    | 1.460  | ng    | # 32     |
| 76) Benzidine                  | 19.12 | 184  | 28455    | 0.815  | ng    | # 94     |
| 81) 3,3'-Dichlorobenzidine     | 20.99 | 252  | 42844    | 1.441  | ng    | # 94     |

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

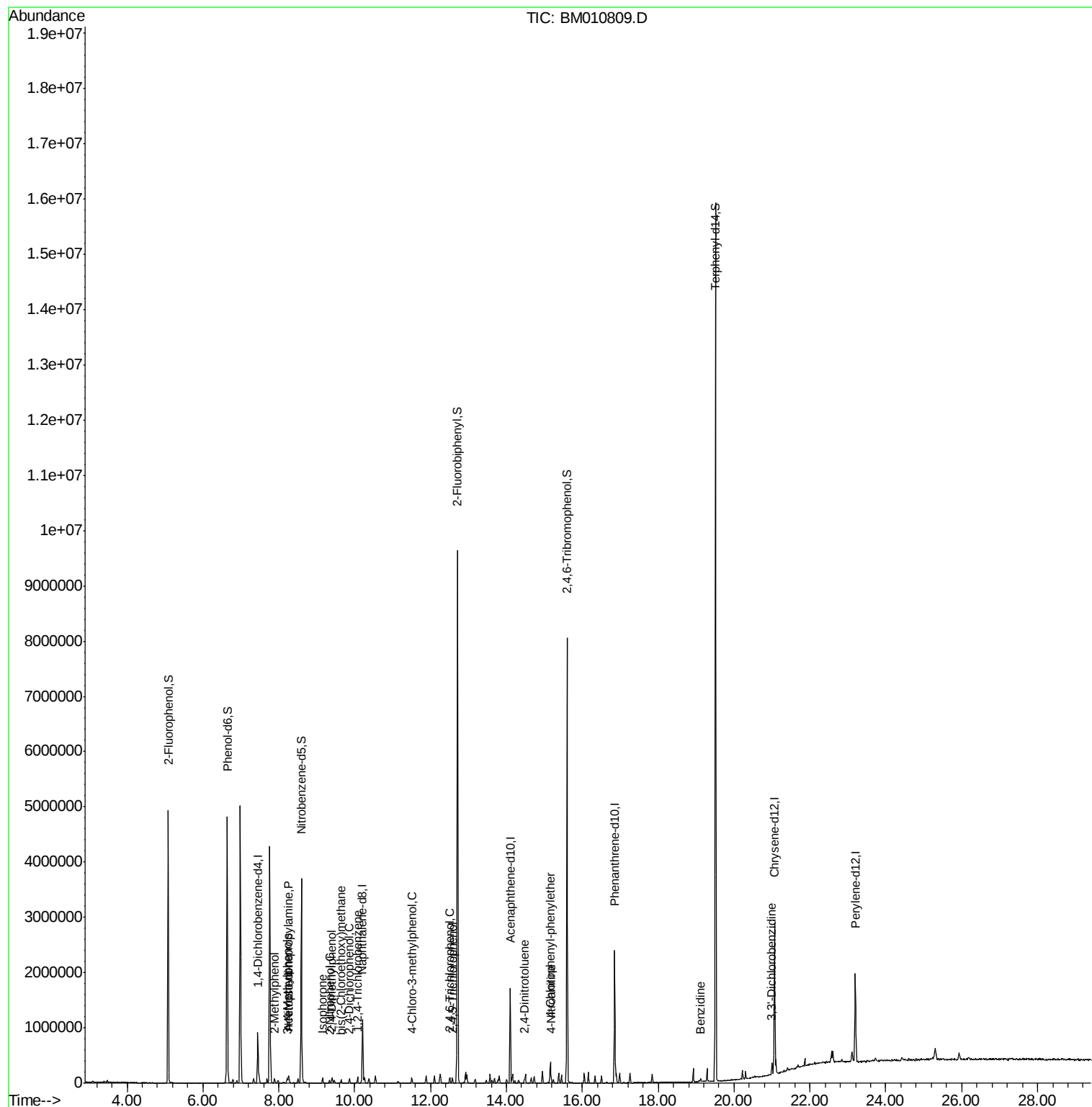
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM071317\  
Data File : BM010809.D  
Acq On : 13 Jul 2017 13:06  
Operator : SJ/JU  
Sample : I3757-05  
Misc : 2PPM LOD  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
LOD-WATER-05-QT3-2017

Manual Integrations  
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Quant Time: Jul 13 14:23:06 2017  
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\8270-BM071217.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Jul 12 14:21:16 2017  
Response via : Initial Calibration





#1

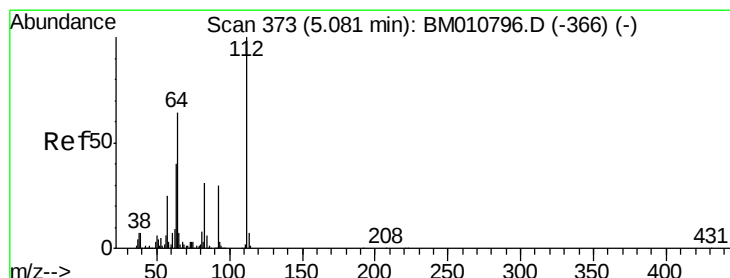
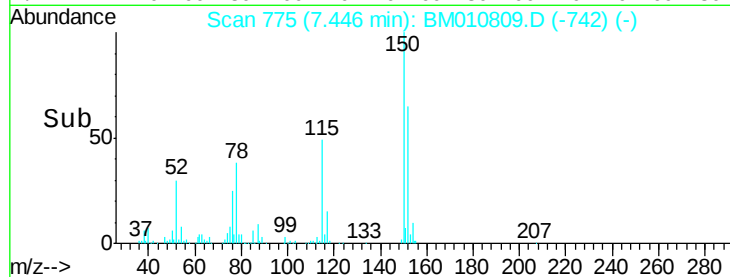
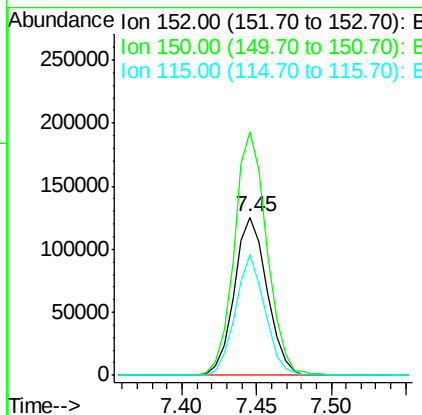
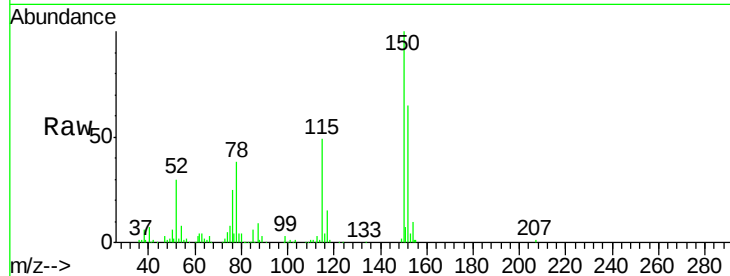
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.45 min Scan# 775  
Delta R.T. -0.01 min  
Lab File: BM010809.D  
Acq: 13 Jul 2017 13:06

Instrument :  
BNA\_M  
ClientSampleId :  
LOD-WATER-05-QT3-2017

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 154.1 | 119.5 | 179.3 |
| 115     | 76.0  | 43.0  | 64.4  |

Manual Integrations  
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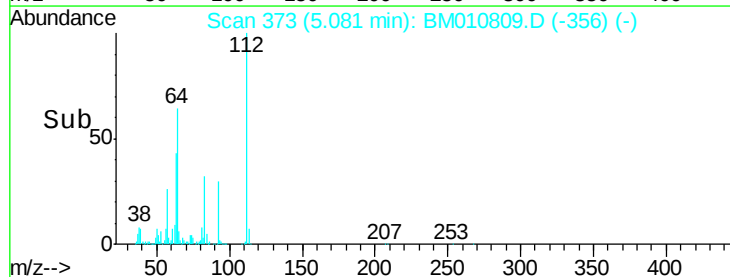
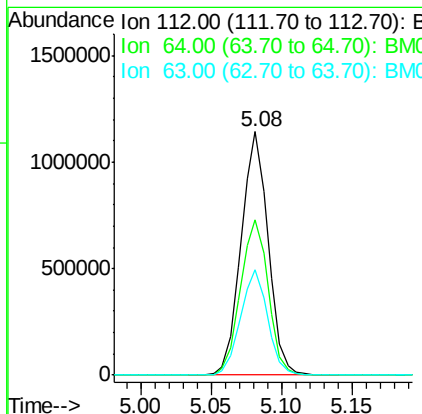
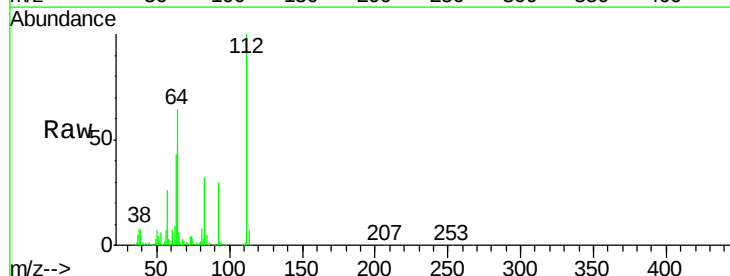
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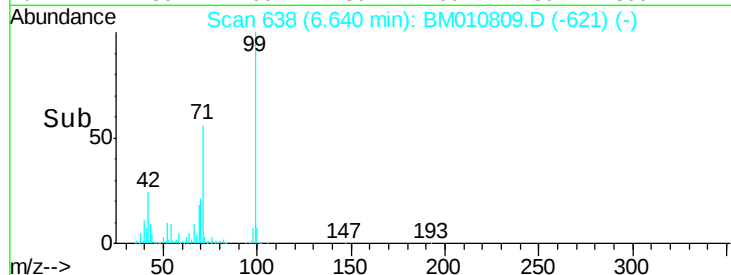
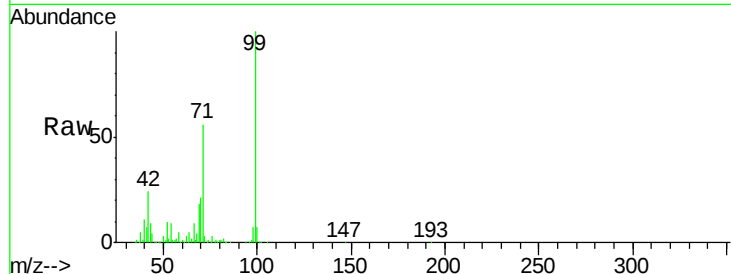
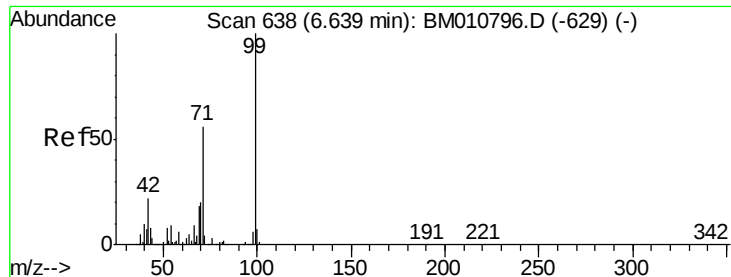


#5

2-Fluorophenol  
Concen: 132.641 ng  
RT: 5.08 min Scan# 373  
Delta R.T. 0.00 min  
Lab File: BM010809.D  
Acq: 13 Jul 2017 13:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 63.7  | 38.6  | 57.8  |
| 63      | 43.1  | 19.3  | 28.9  |





#7

Phenol-d6

Concen: 130.632 ng

RT: 6.64 min Scan# 638

Delta R.T. 0.00 min

Lab File: BM010809.D

Acq: 13 Jul 2017 13:06

Instrument :

BNA\_M

ClientSampleId :

LOD-WATER-05-QT3-2017

Tgt Ion: 99 Resp: 2076500

Ion Ratio Lower Upper

99 100

42 23.7 11.0 16.4#

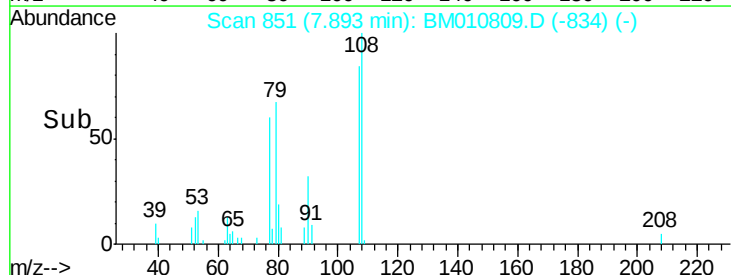
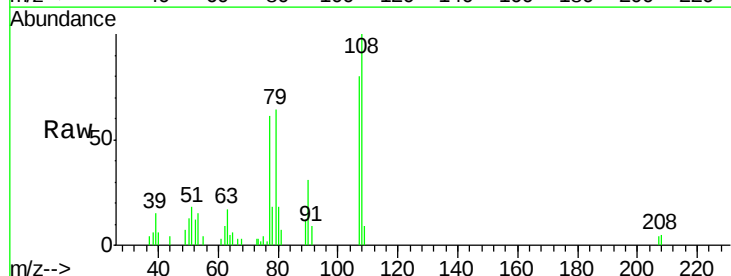
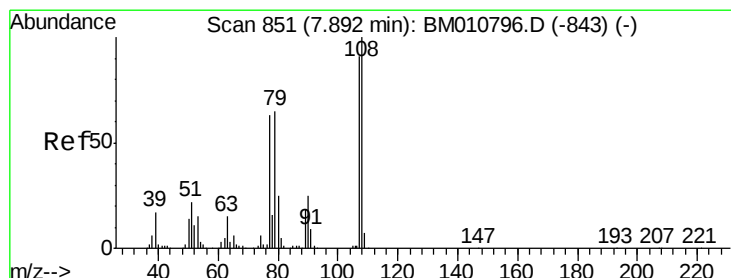
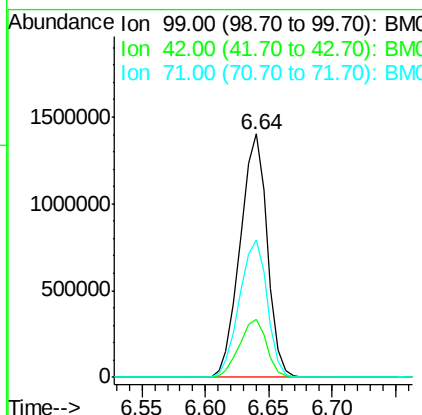
71 56.2 23.4 35.2#

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#17

2-Methylphenol

Concen: 1.773 ng

RT: 7.89 min Scan# 851

Delta R.T. 0.00 min

Lab File: BM010809.D

Acq: 13 Jul 2017 13:06

Tgt Ion: 107 Resp: 19270

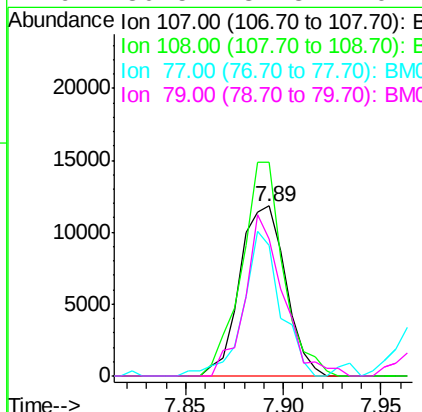
Ion Ratio Lower Upper

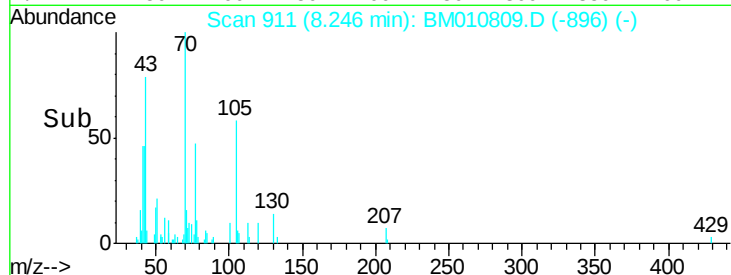
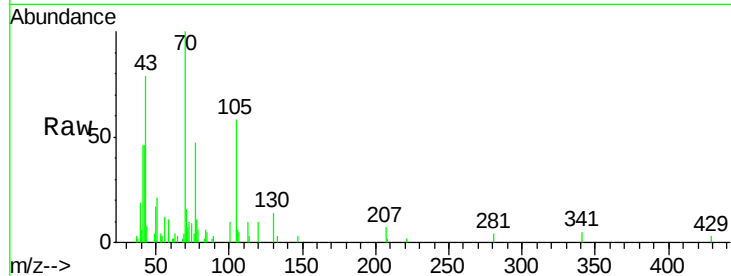
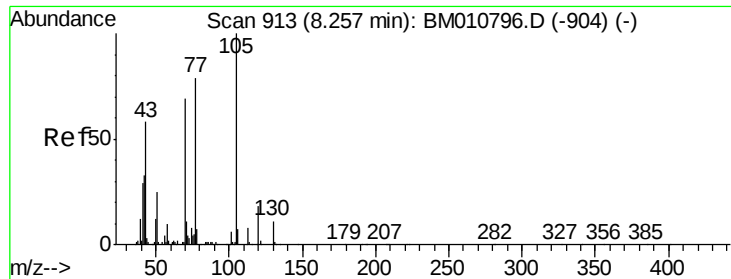
107 100

108 125.6 89.8 134.8

77 76.9 32.6 48.8#

79 80.5 32.8 49.2#





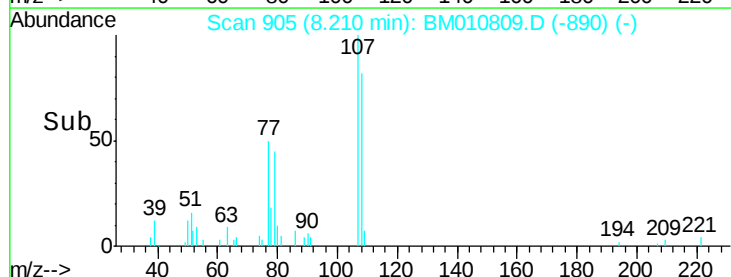
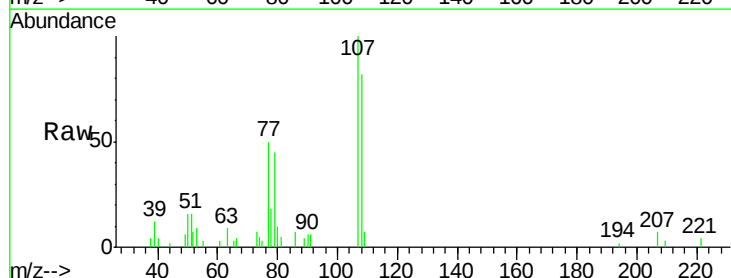
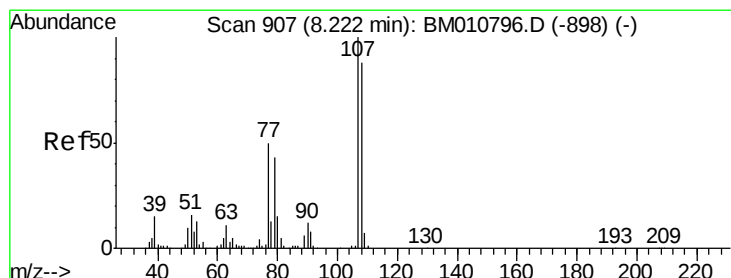
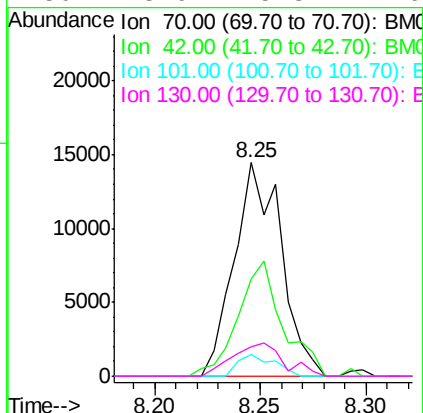
#19  
n-Nitroso-di-n-propylamine  
Concen: 1.765 ng  
RT: 8.25 min Scan# 911  
Delta R.T. -0.01 min  
Lab File: BM010809.D  
Acq: 13 Jul 2017 13:06

Instrument :  
BNA\_M  
ClientSampleId :  
LOD-WATER-05-QT3-2017

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 45.8  | 44.5  | 66.7  |
| 101     | 10.0  | 7.4   | 11.2  |
| 130     | 13.9  | 15.3  | 22.9# |

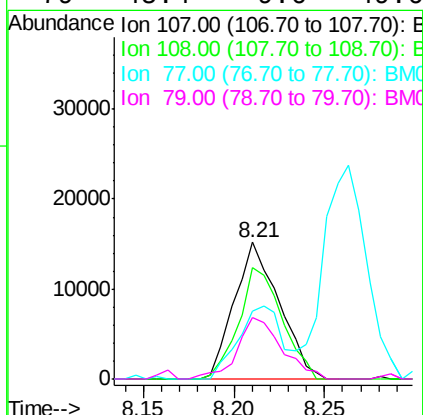
Manual Integrations  
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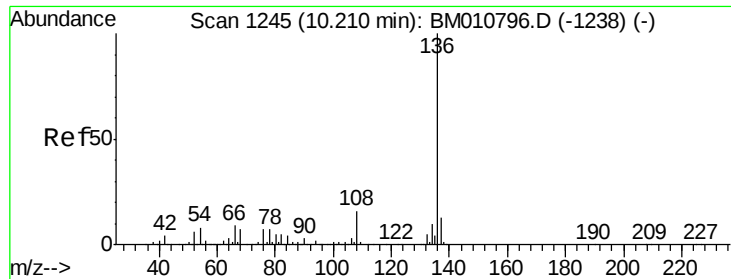
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#20  
3+4-Methylphenols  
Concen: 1.736 ng  
RT: 8.21 min Scan# 905  
Delta R.T. -0.01 min  
Lab File: BM010809.D  
Acq: 13 Jul 2017 13:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 81.6  | 73.2  | 113.2 |
| 77      | 49.6  | 10.7  | 50.7  |
| 79      | 45.4  | 9.6   | 49.6  |





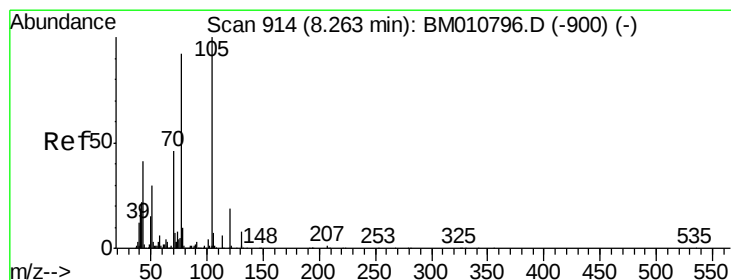
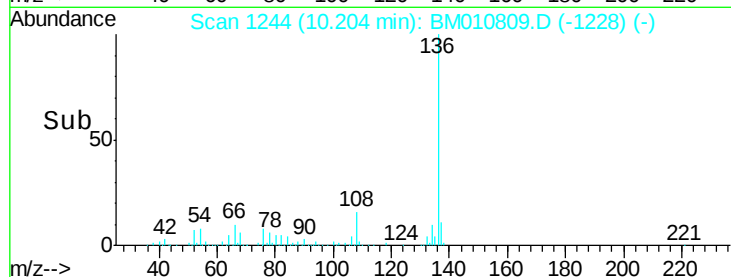
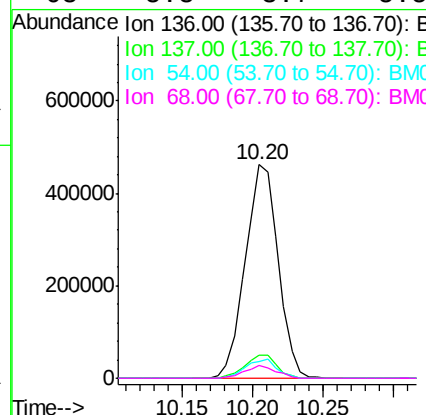
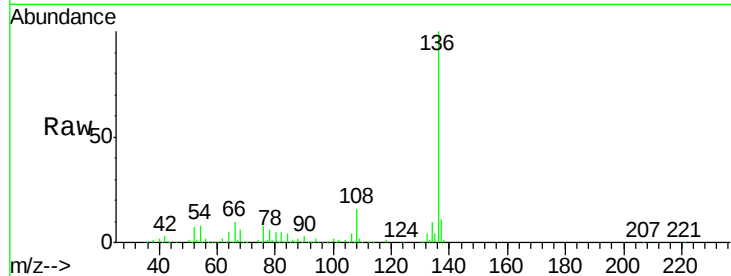
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.20 min Scan# 1244  
Delta R.T. -0.01 min  
Lab File: BM010809.D  
Acq: 13 Jul 2017 13:06

Instrument :  
BNA\_M  
ClientSampleId :  
LOD-WATER-05-QT3-2017

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 754379 |       |       |
| 137     | 10.9  | 8.7    | 13.1  |       |
| 54      | 7.8   | 4.6    | 6.8#  |       |
| 68      | 5.8   | 3.7    | 5.5#  |       |

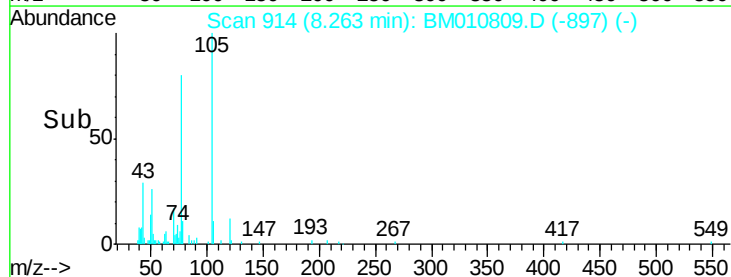
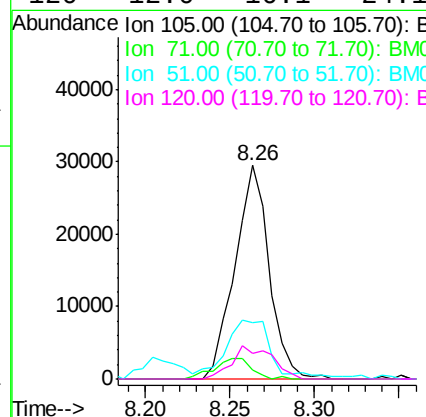
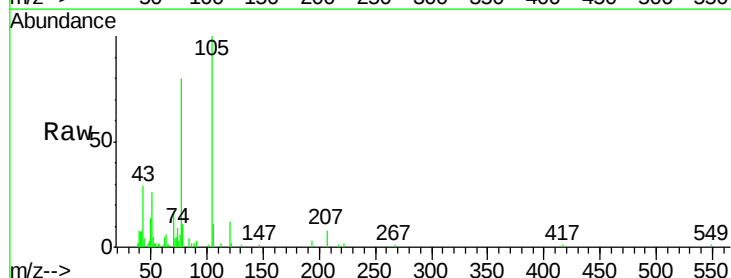
Manual Integrations  
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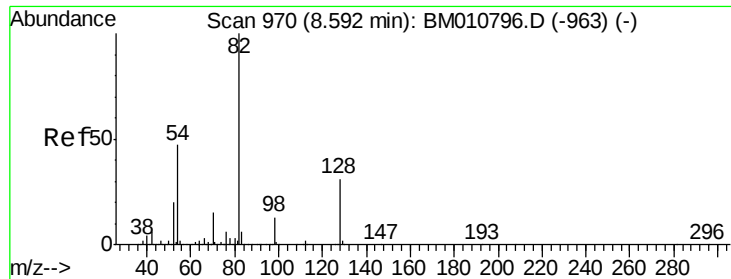
mohammad  
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#22  
Acetophenone  
Concen: 1.837 ng  
RT: 8.26 min Scan# 914  
Delta R.T. 0.00 min  
Lab File: BM010809.D  
Acq: 13 Jul 2017 13:06

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 105     | 100   | 41726 |       |       |
| 71      | 4.3   | 0.6   | 1.0#  |       |
| 51      | 26.3  | 21.6  | 32.4  |       |
| 120     | 12.0  | 16.1  | 24.1# |       |





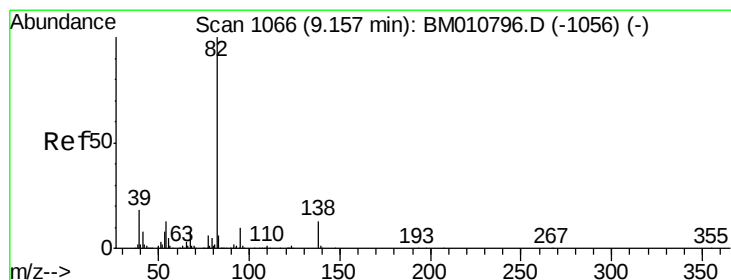
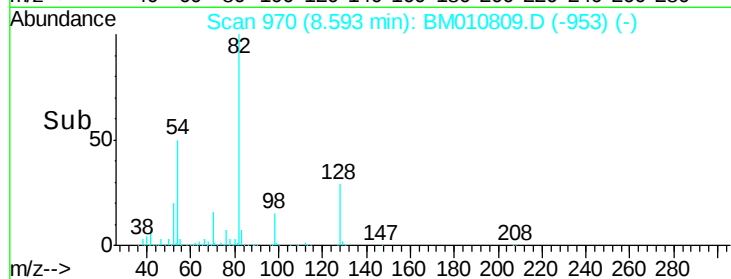
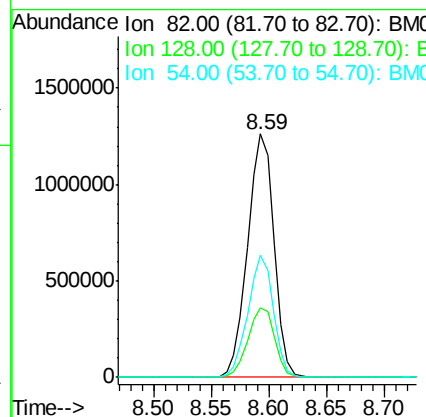
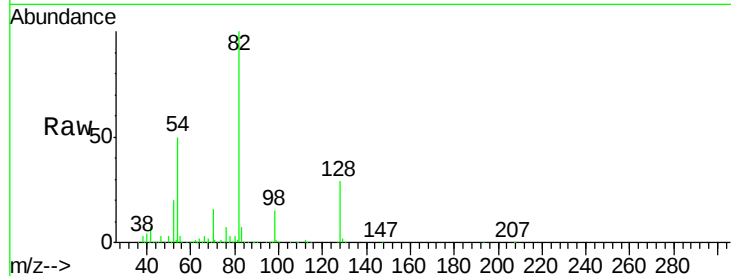
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 Nitrobenzene-d5  
 Concen: 102.054 ng  
 RT: 8.59 min Scan# 970  
 Delta R.T. 0.00 min  
 Lab File: BM010809.D  
 Acq: 13 Jul 2017 13:06

Instrument :  
 BNA\_M  
 ClientSampleId :  
 LOD-WATER-05-QT3-2017

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 28.6  | 32.8  | 49.2# |
| 54      | 50.1  | 40.6  | 60.8  |

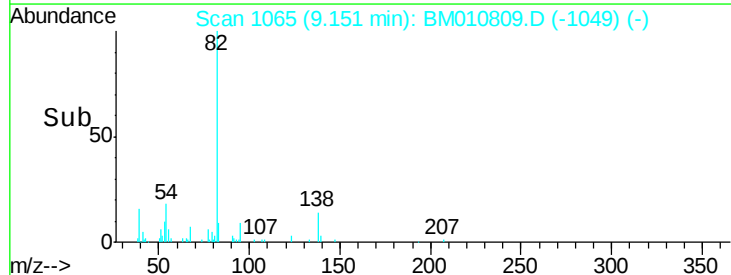
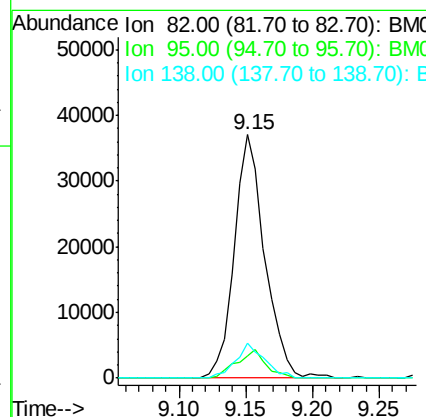
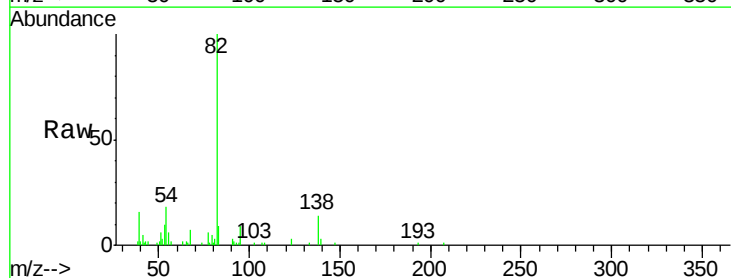
Manual Integrations  
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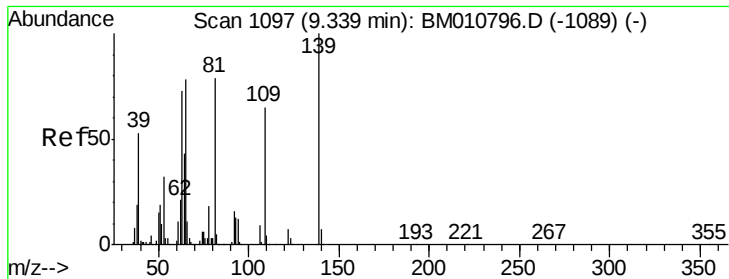
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#25  
 Isophorone  
 Concen: 1.834 ng  
 RT: 9.15 min Scan# 1065  
 Delta R.T. -0.01 min  
 Lab File: BM010809.D  
 Acq: 13 Jul 2017 13:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 95      | 8.9   | 5.8   | 8.6#  |
| 138     | 14.4  | 16.3  | 24.5# |





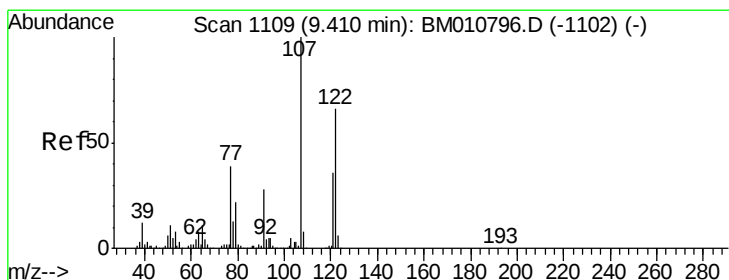
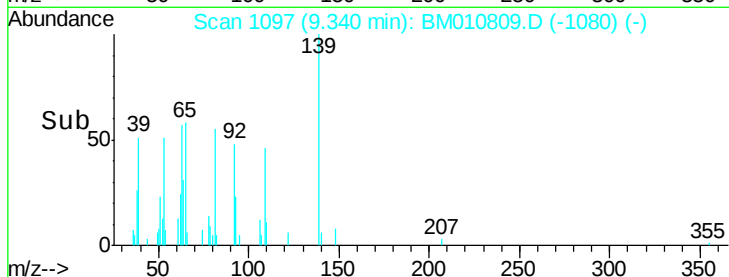
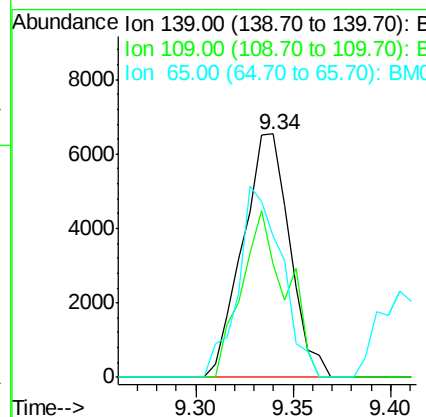
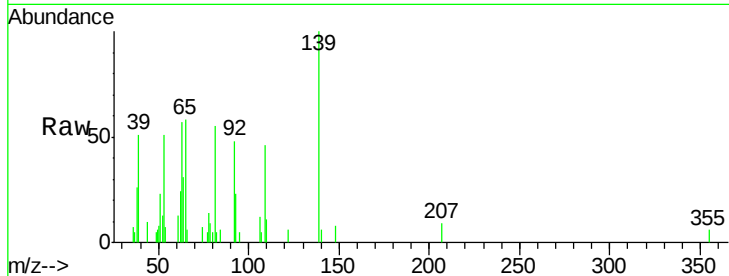
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2-Nitrophenol  
Concen: 1.636 ng  
RT: 9.34 min Scan# 1097  
Delta R.T. 0.00 min  
Lab File: BM010809.D  
Acq: 13 Jul 2017 13:06

Instrument :  
BNA\_M  
ClientSampleId :  
LOD-WATER-05-QT3-2017

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 139     | 100   |            |            |
| 109     | 46.3  | 20.1       | 30.1#      |
| 65      | 57.8  | 31.5       | 47.3#      |

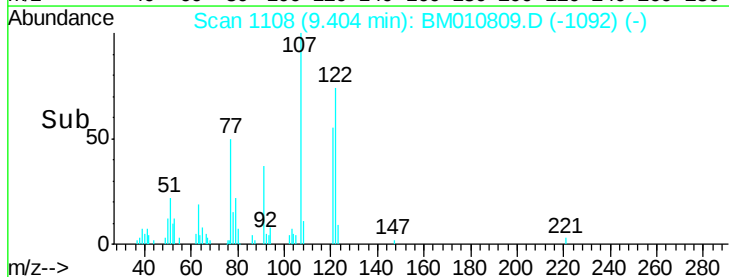
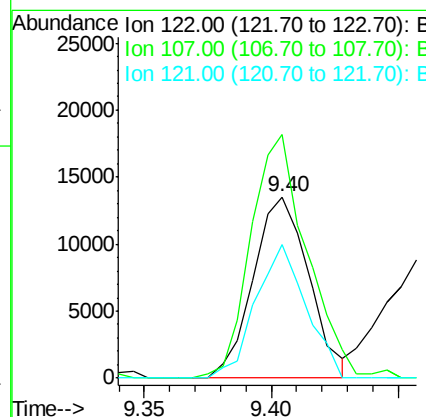
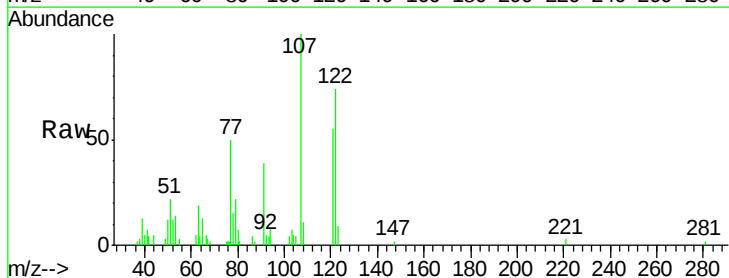
Manual Integrations  
APPROVED

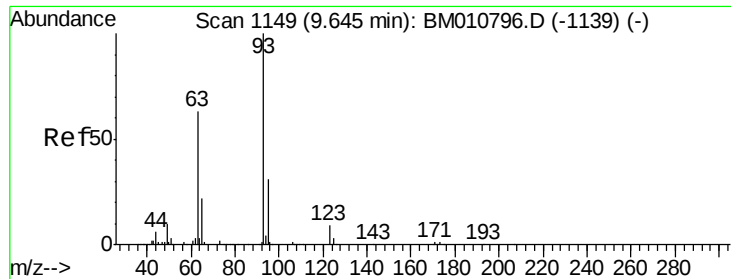
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#27  
2,4-Dimethylphenol  
Concen: 1.724 ng  
RT: 9.40 min Scan# 1108  
Delta R.T. -0.01 min  
Lab File: BM010809.D  
Acq: 13 Jul 2017 13:06

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 122     | 100   |            |            |
| 107     | 134.4 | 84.7       | 127.1#     |
| 121     | 73.9  | 46.6       | 69.8#      |





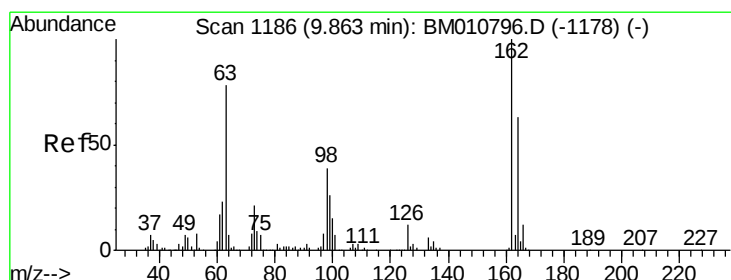
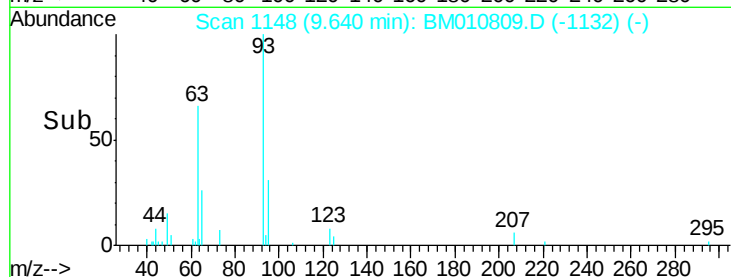
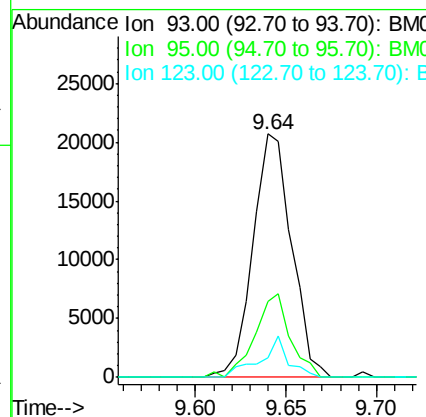
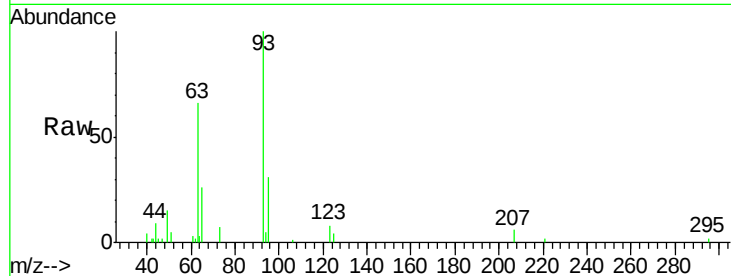
#28  
bis(2-Chloroethoxy)methane  
Concen: 1.703 ng  
RT: 9.64 min Scan# 1148  
Delta R.T. -0.01 min  
Lab File: BM010809.D  
Acq: 13 Jul 2017 13:06

Instrument :  
BNA\_M  
ClientSampleId :  
LOD-WATER-05-QT3-2017

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 31.1  | 25.5  | 38.3  |
| 123     | 8.2   | 8.6   | 13.0  |

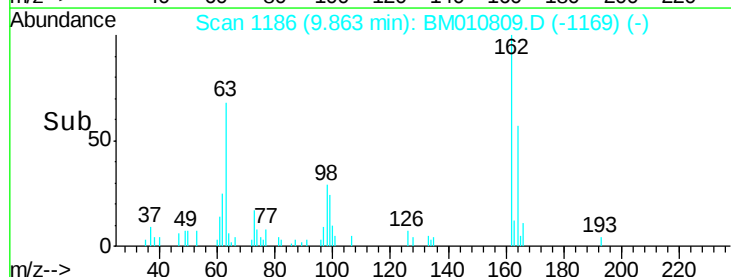
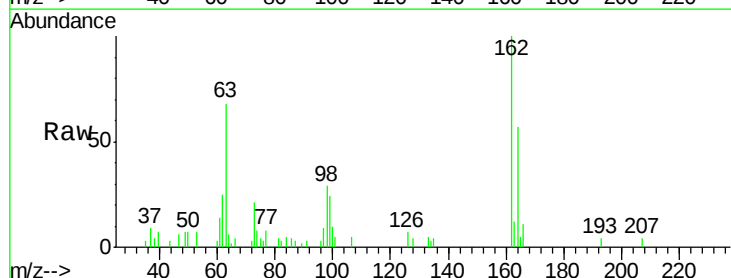
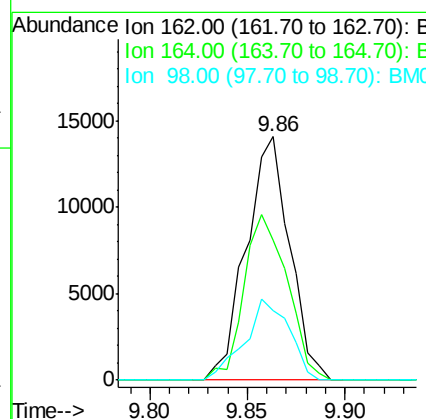
Manual Integrations  
APPROVED

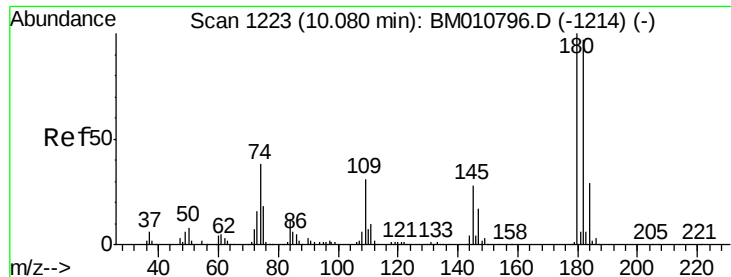
mohammad  
7/17/2017 8:13:13 AM



#29  
2,4-Dichlorophenol  
Concen: 1.611 ng  
RT: 9.86 min Scan# 1186  
Delta R.T. 0.00 min  
Lab File: BM010809.D  
Acq: 13 Jul 2017 13:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 57.5  | 42.8  | 82.8  |
| 98      | 28.8  | 14.5  | 54.5  |





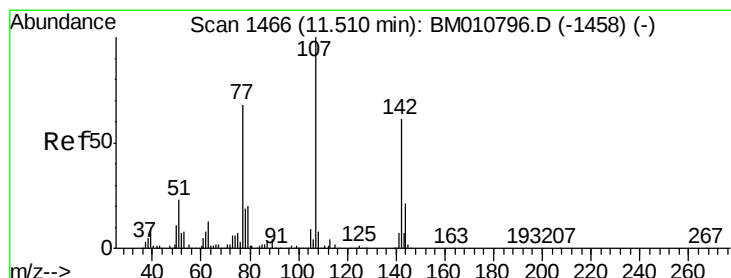
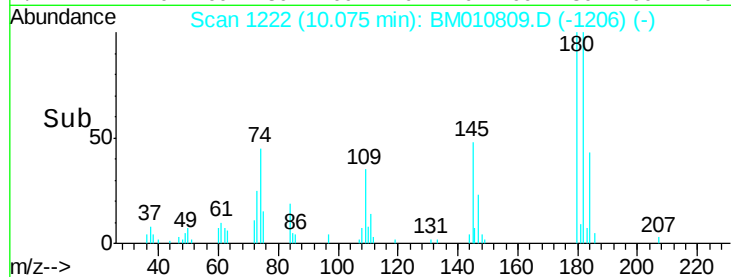
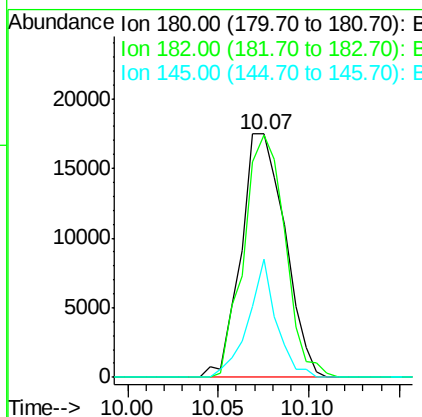
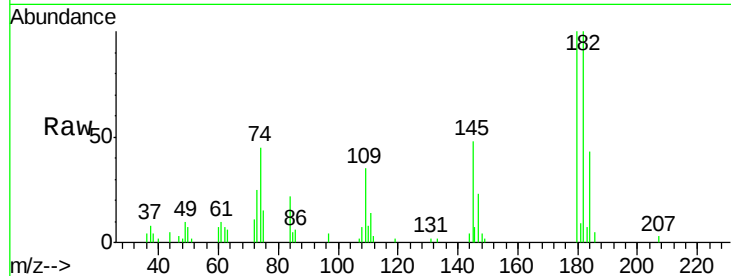
#30  
 1,2,4-Trichlorobenzene  
 Concen: 1.785 ng  
 RT: 10.07 min Scan# 1222  
 Delta R.T. -0.01 min  
 Lab File: BM010809.D  
 Acq: 13 Jul 2017 13:06

Instrument :  
 BNA\_M  
 ClientSampleId :  
 LOD-WATER-05-QT3-2017

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 180     | 100   | 29450 |       |       |
| 182     | 99.5  | 77.6  | 116.4 |       |
| 145     | 55.1  | 23.4  | 35.2# |       |

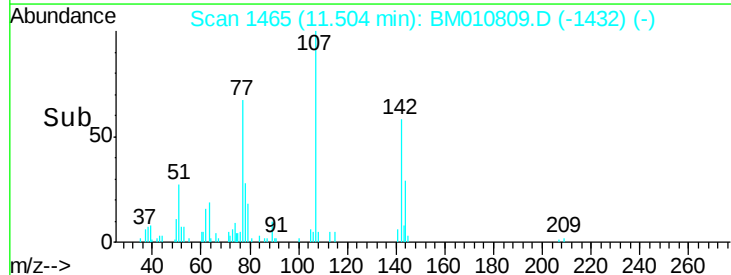
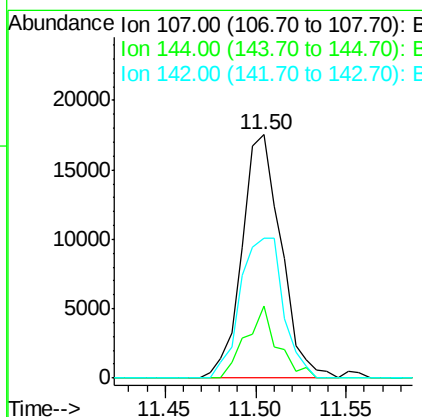
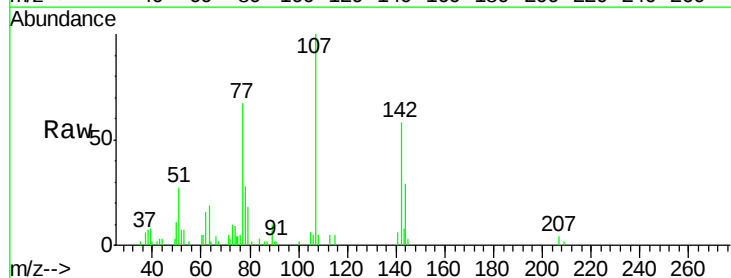
Manual Integrations  
 APPROVED

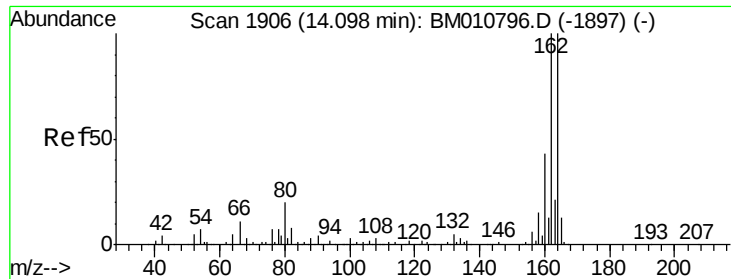
mohammad  
 7/17/2017 8:13:13 AM



#36  
 4-Chloro-3-methylphenol  
 Concen: 1.613 ng  
 RT: 11.50 min Scan# 1465  
 Delta R.T. -0.01 min  
 Lab File: BM010809.D  
 Acq: 13 Jul 2017 13:06

| Tgt Ion | Ratio | Resp  | Lower  | Upper |
|---------|-------|-------|--------|-------|
| 107     | 100   | 26327 |        |       |
| 144     | 29.4  | 23.3  | 34.9   |       |
| 142     | 57.5  | 72.6  | 109.0# |       |





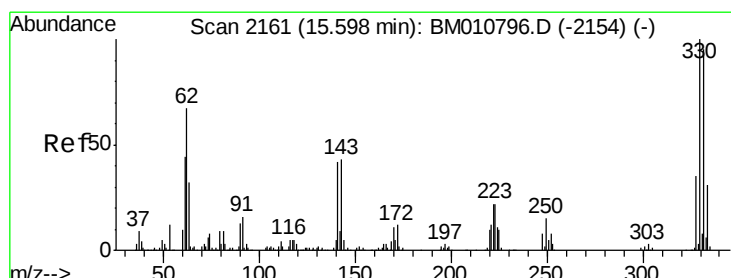
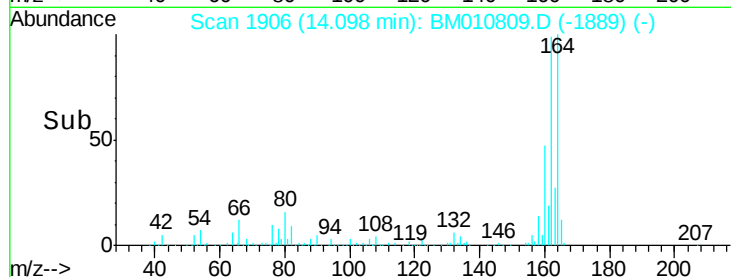
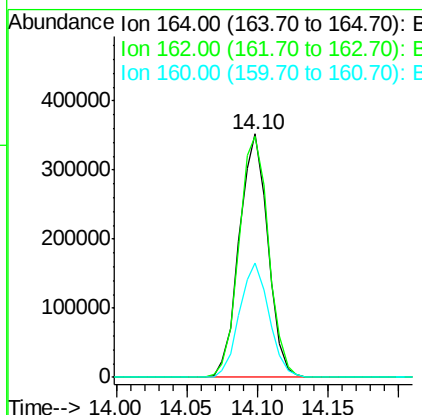
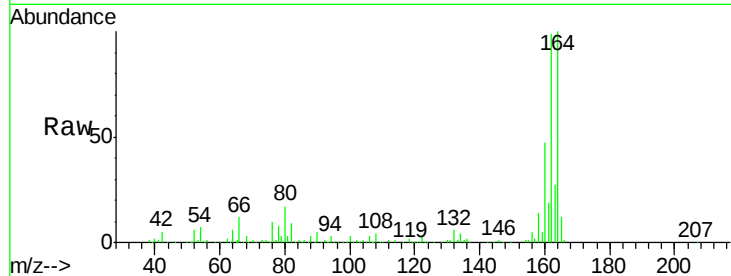
#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.10 min Scan# 1906  
Delta R.T. 0.00 min  
Lab File: BM010809.D  
Acq: 13 Jul 2017 13:06

Instrument :  
BNA\_M  
ClientSampleId :  
LOD-WATER-05-QT3-2017

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 499875 |       |       |
| 162     | 98.9  | 82.4   | 123.6 |       |
| 160     | 47.0  | 35.8   | 53.6  |       |

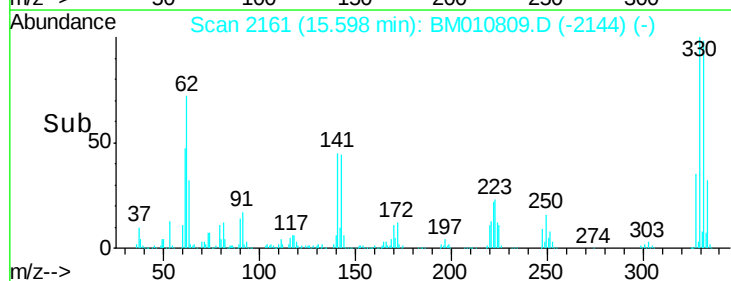
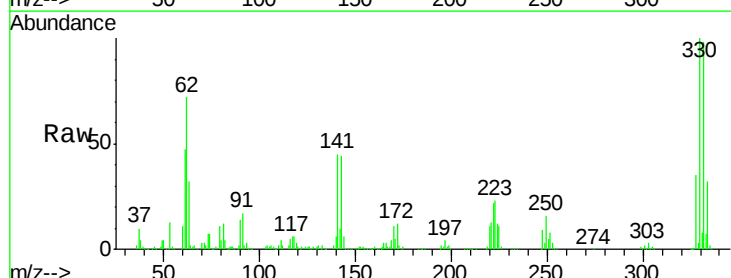
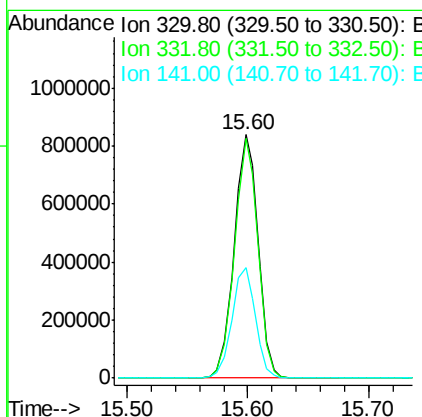
Manual Integrations  
APPROVED

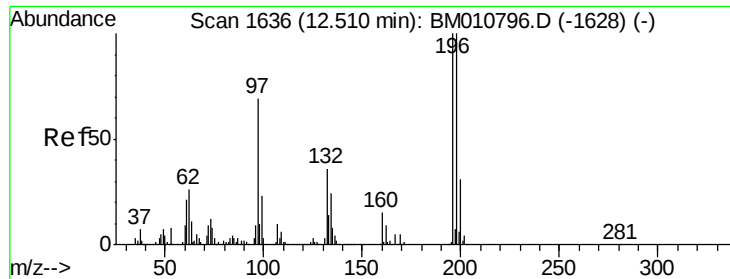
mohammad  
7/17/2017 8:13:13 AM



#41  
2,4,6-Tribromophenol  
Concen: 151.774 ng  
RT: 15.60 min Scan# 2161  
Delta R.T. 0.00 min  
Lab File: BM010809.D  
Acq: 13 Jul 2017 13:06

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 330     | 100   | 1159410 |       |       |
| 332     | 96.2  | 0.0     | 0.0#  |       |
| 141     | 44.4  | 0.0     | 0.0#  |       |





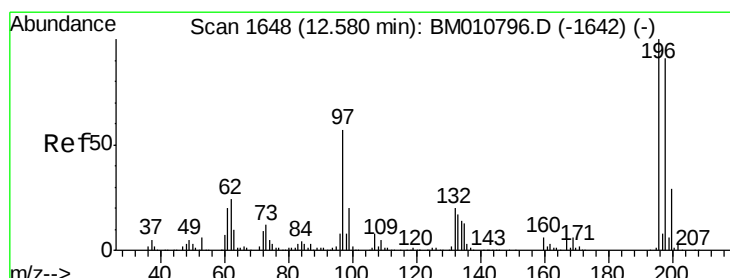
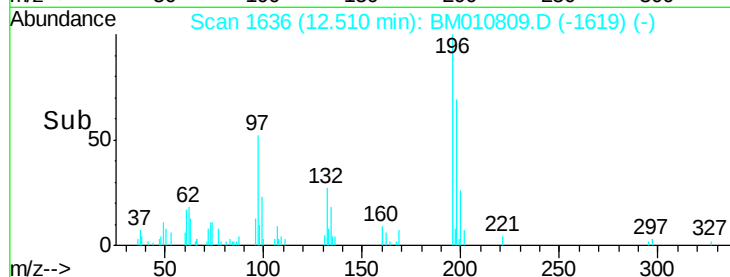
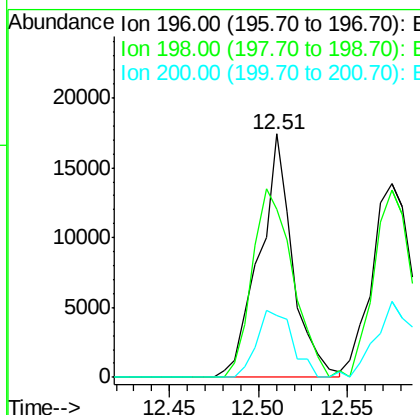
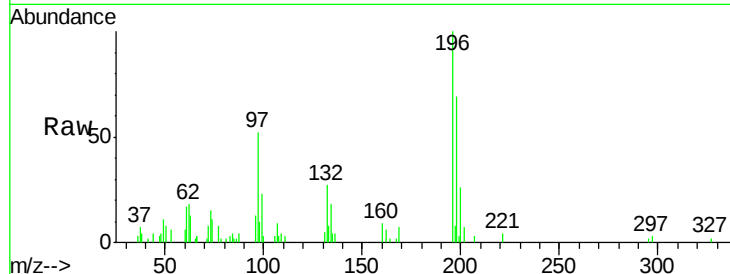
#42  
 2,4,6-Trichlorophenol  
 Concen: 1.700 ng m  
 RT: 12.51 min Scan# 1636  
 Delta R.T. 0.00 min  
 Lab File: BM010809.D  
 Acq: 13 Jul 2017 13:06

Instrument :  
 BNA\_M  
 ClientSampleId :  
 LOD-WATER-05-QT3-2017

| Tgt Ion | Ratio | Resp  | Lower  | Upper |
|---------|-------|-------|--------|-------|
| 196     | 100   | 22811 |        |       |
| 198     | 68.8  | 76.3  | 114.5# |       |
| 200     | 25.7  | 25.6  | 38.4   |       |

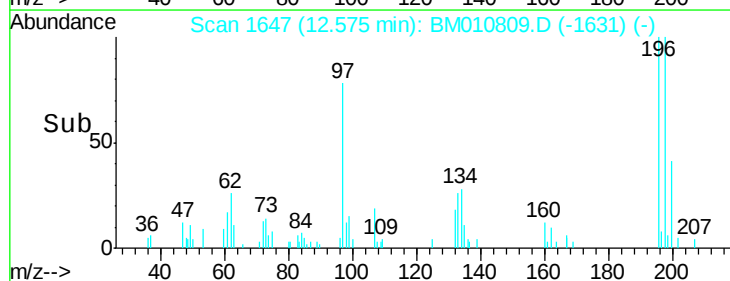
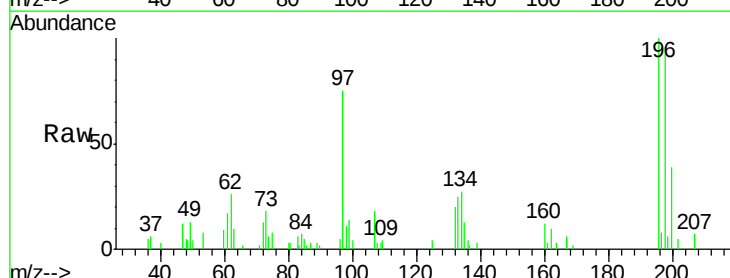
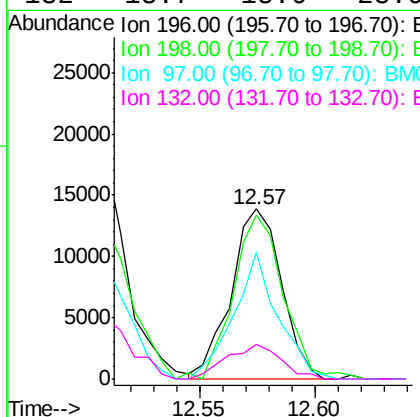
Manual Integrations  
 APPROVED

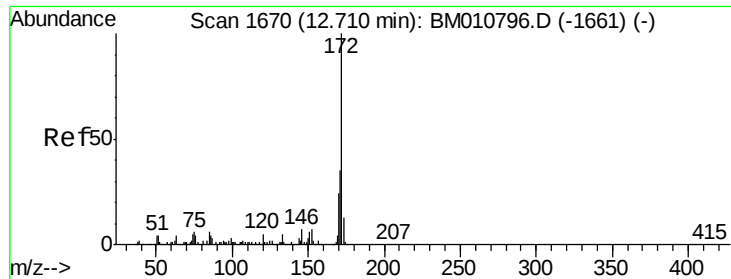
mohammad  
 7/17/2017 8:13:13 AM



#43  
 2,4,5-Trichlorophenol  
 Concen: 1.598 ng  
 RT: 12.57 min Scan# 1647  
 Delta R.T. -0.01 min  
 Lab File: BM010809.D  
 Acq: 13 Jul 2017 13:06

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 21169 |       |       |
| 198     | 94.9  | 79.4  | 119.0 |       |
| 97      | 69.3  | 26.8  | 40.2# |       |
| 132     | 18.7  | 18.6  | 28.0  |       |





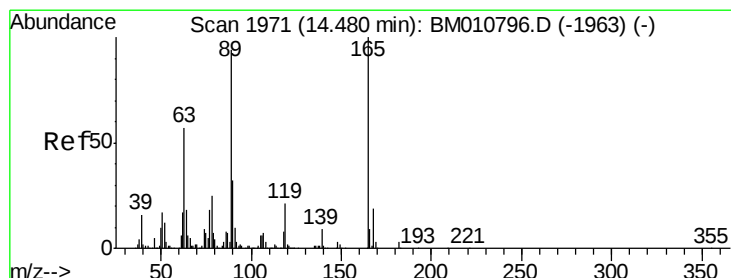
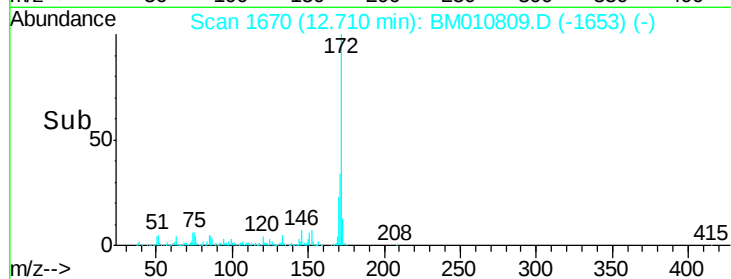
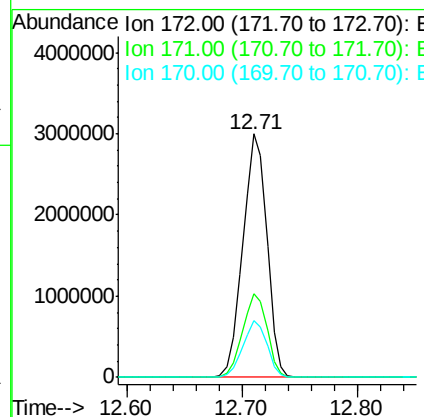
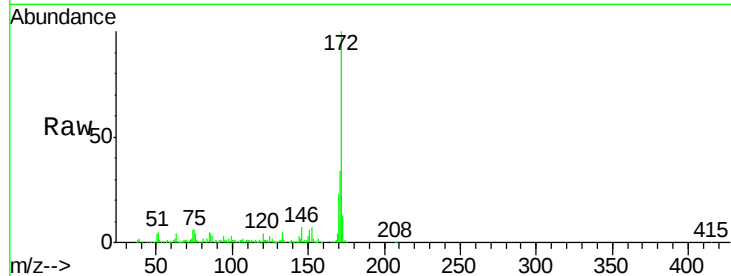
#44  
 2-Fluorobiphenyl  
 Concen: 107.630 ng  
 RT: 12.71 min Scan# 1670  
 Delta R.T. 0.00 min  
 Lab File: BM010809.D  
 Acq: 13 Jul 2017 13:06

Instrument :  
 BNA\_M  
 ClientSampleId :  
 LOD-WATER-05-QT3-2017

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 34.4  | 28.5  | 42.7  |
| 170     | 23.4  | 18.8  | 28.2  |

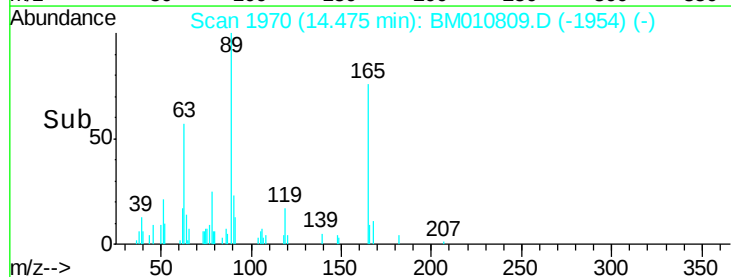
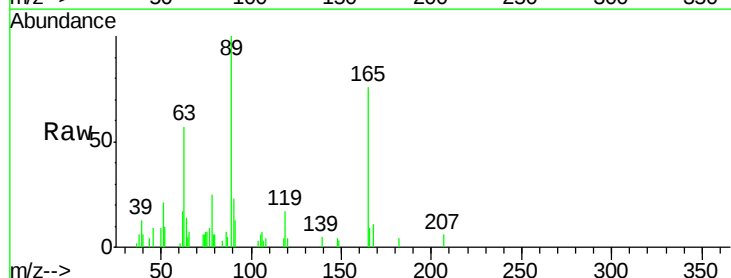
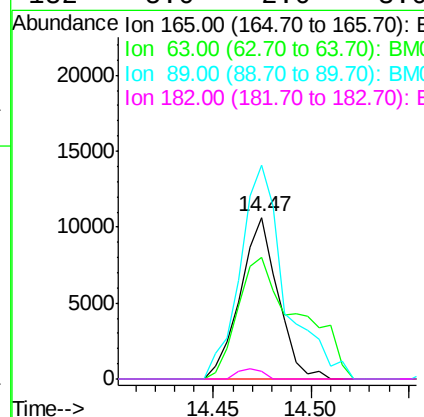
Manual Integrations  
 APPROVED

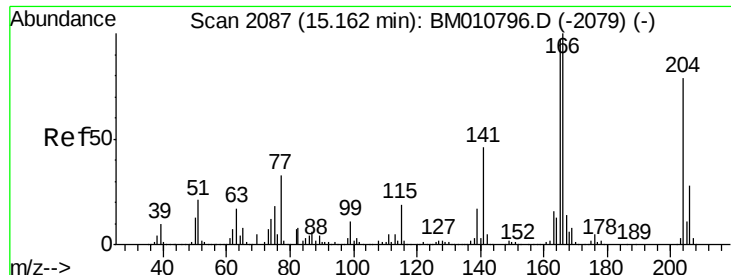
mohammad  
 7/17/2017 8:13:13 AM



#56  
 2,4-Dinitrotoluene  
 Concen: 1.233 ng  
 RT: 14.47 min Scan# 1970  
 Delta R.T. -0.01 min  
 Lab File: BM010809.D  
 Acq: 13 Jul 2017 13:06

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 165     | 100   |       |        |
| 63      | 75.2  | 52.4  | 78.6   |
| 89      | 132.4 | 72.4  | 108.6# |
| 182     | 5.0   | 2.0   | 3.0#   |





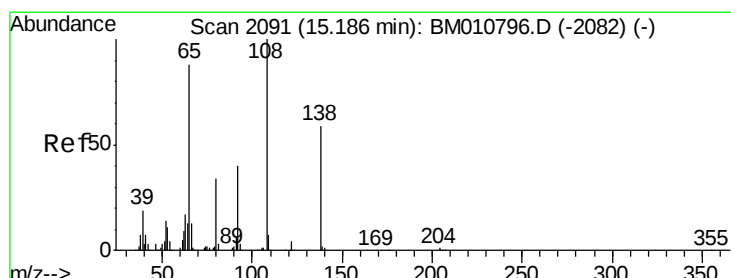
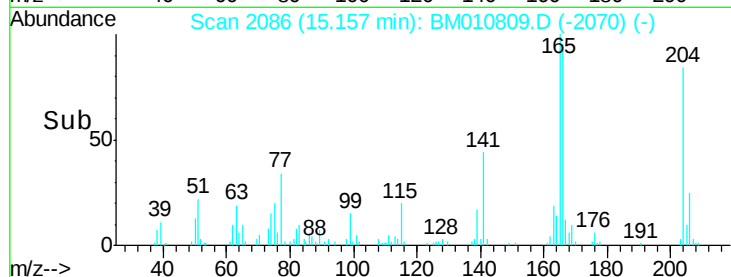
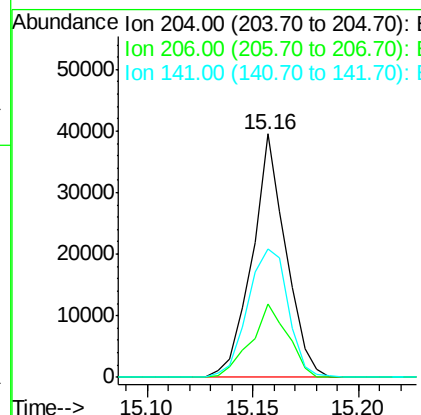
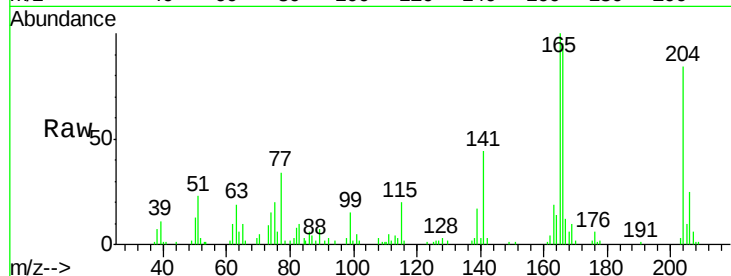
#60  
 4-Chlorophenyl-phenylether  
 Concen: 1.766 ng  
 RT: 15.16 min Scan# 2086  
 Delta R.T. -0.01 min  
 Lab File: BM010809.D  
 Acq: 13 Jul 2017 13:06

Instrument :  
 BNA\_M  
 ClientSampleId :  
 LOD-WATER-05-QT3-2017

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 30.0  | 26.6  | 39.8  |
| 141     | 52.7  | 45.2  | 67.8  |

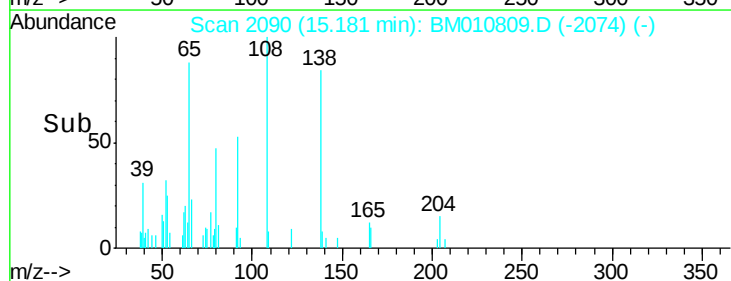
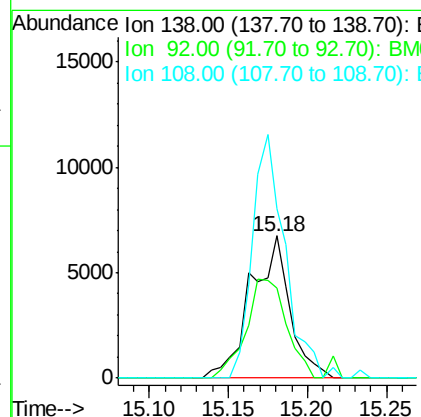
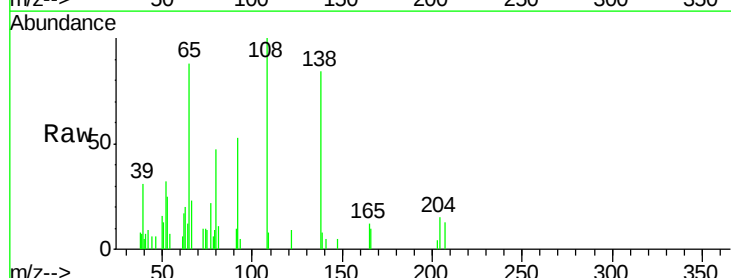
Manual Integrations  
 APPROVED

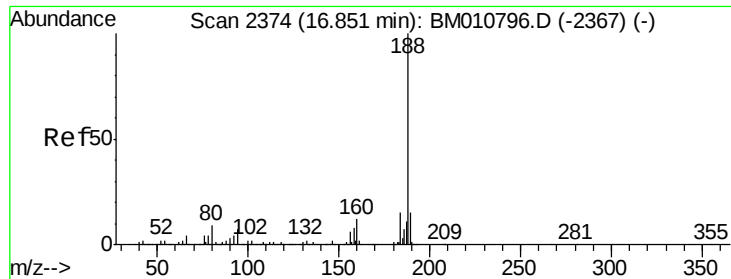
mohammad  
 7/17/2017 8:13:13 AM



#61  
 4-Nitroaniline  
 Concen: 1.460 ng  
 RT: 15.18 min Scan# 2090  
 Delta R.T. -0.01 min  
 Lab File: BM010809.D  
 Acq: 13 Jul 2017 13:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 63.1  | 16.7  | 56.7# |
| 108     | 119.2 | 37.6  | 77.6# |





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.85 min Scan# 2374

Delta R.T. 0.00 min

Lab File: BM010809.D

Acq: 13 Jul 2017 13:06

Instrument :

BNA\_M

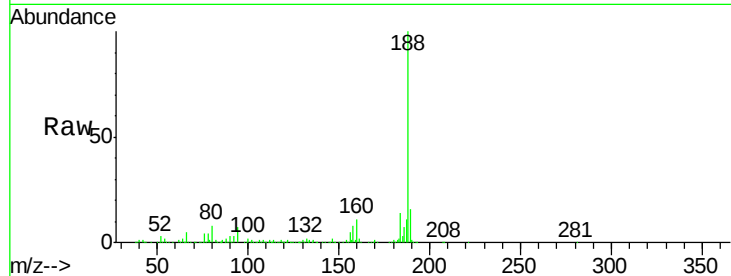
ClientSampleId :

LOD-WATER-05-QT3-2017

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 188   | Resp: | 1249186 |
| Ion Ratio | Lower | Upper |         |
| 188       | 100   |       |         |
| 94        | 7.1   | 8.7   | 13.1#   |
| 80        | 7.6   | 9.3   | 13.9#   |

Manual Integrations  
APPROVED

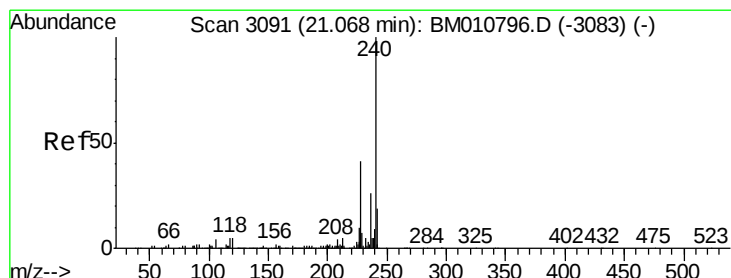
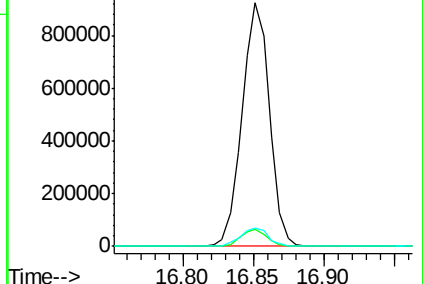
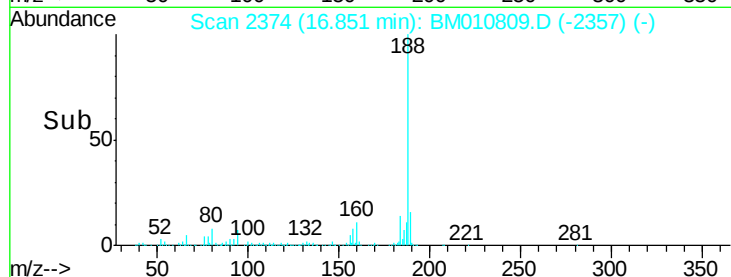
mohammad  
7/17/2017 8:13:13 AM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#75

Chrysene-d12

Concen: 20.000 ng

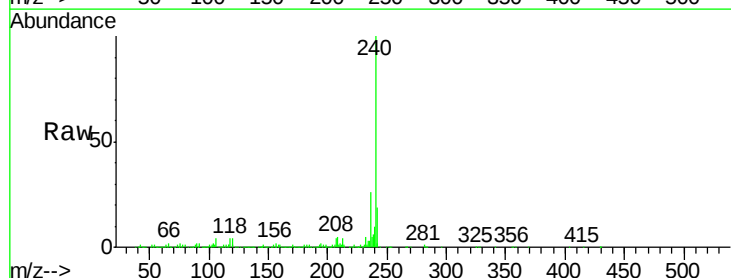
RT: 21.07 min Scan# 3091

Delta R.T. 0.00 min

Lab File: BM010809.D

Acq: 13 Jul 2017 13:06

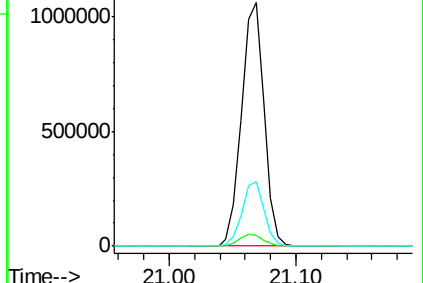
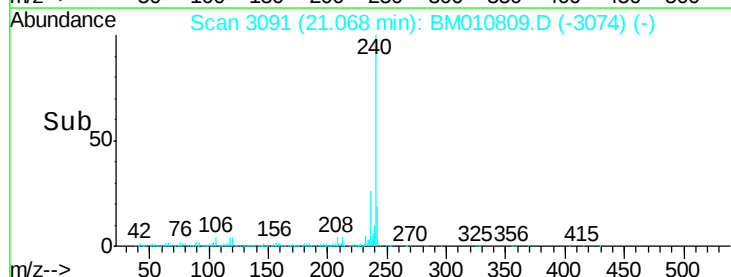
|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 240   | Resp: | 1304931 |
| Ion Ratio | Lower | Upper |         |
| 240       | 100   |       |         |
| 120       | 4.4   | 8.2   | 12.2#   |
| 236       | 26.2  | 20.0  | 30.0    |

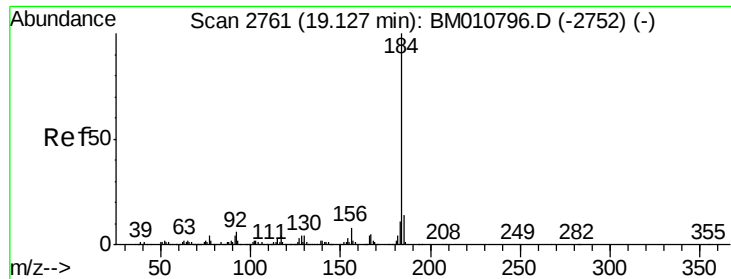


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





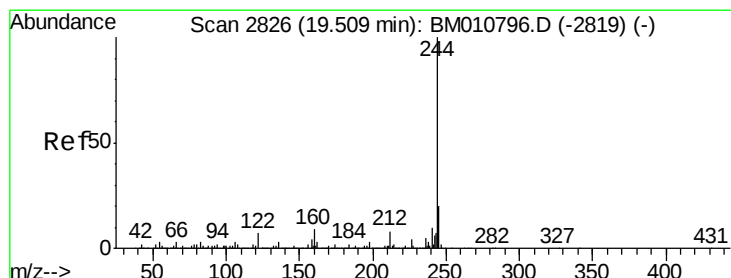
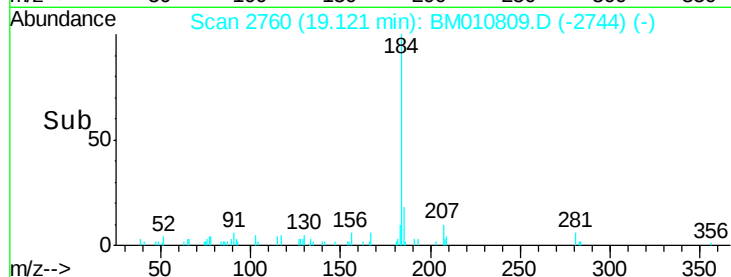
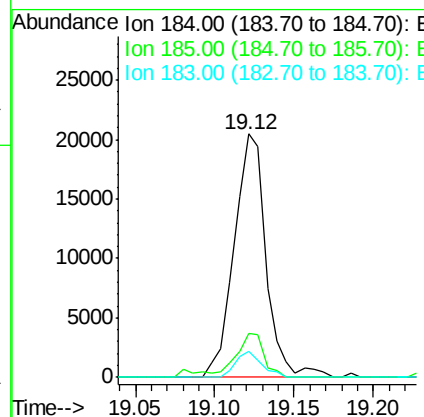
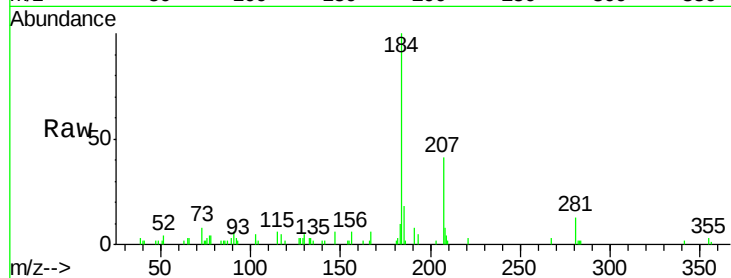
#76  
Benzidine  
Concen: 0.815 ng  
RT: 19.12 min Scan# 2760  
Delta R.T. -0.01 min  
Lab File: BM010809.D  
Acq: 13 Jul 2017 13:06

Instrument :  
BNA\_M  
ClientSampleId :  
LOD-WATER-05-QT3-2017

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 184     | 100   |            |            |
| 185     | 18.0  | 11.3       | 16.9#      |
| 183     | 10.5  | 8.9        | 13.3       |

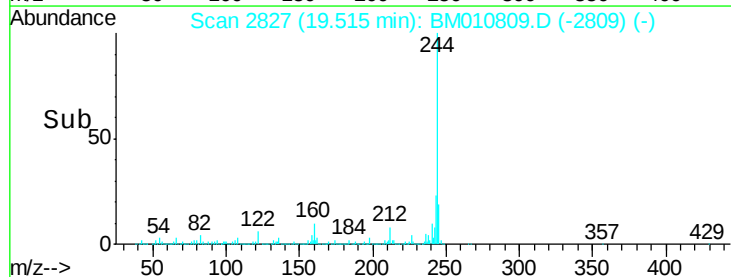
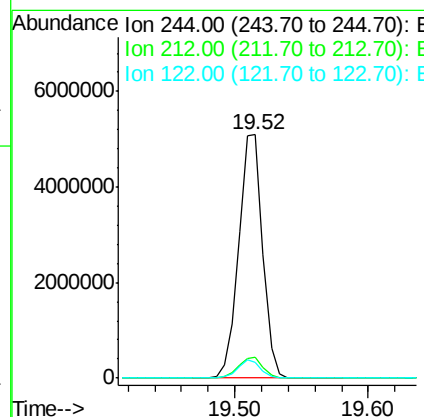
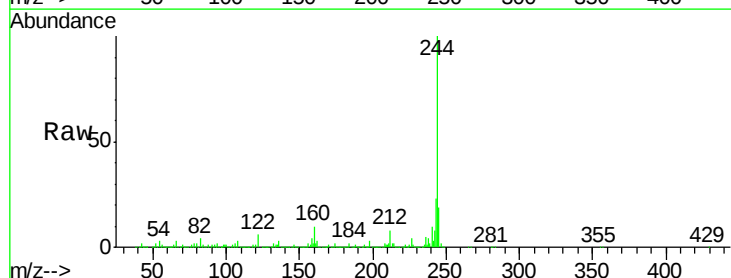
Manual Integrations  
APPROVED

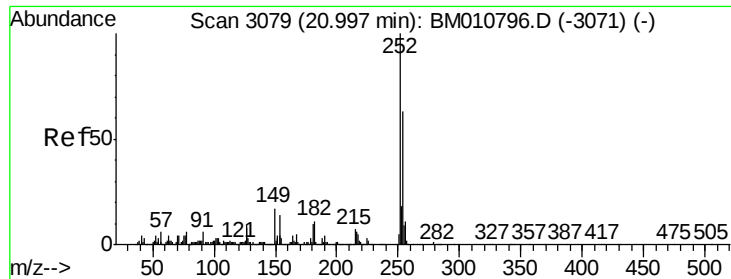
mohammad  
7/17/2017 8:13:13 AM



#78  
Terphenyl-d14  
Concen: 94.243 ng  
RT: 19.52 min Scan# 2827  
Delta R.T. 0.01 min  
Lab File: BM010809.D  
Acq: 13 Jul 2017 13:06

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 244     | 100   |            |            |
| 212     | 8.4   | 4.9        | 7.3#       |
| 122     | 6.2   | 6.2        | 9.4        |





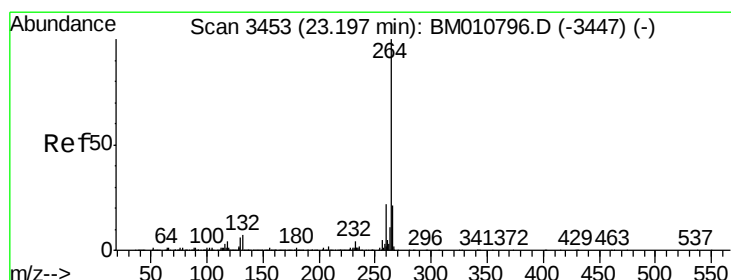
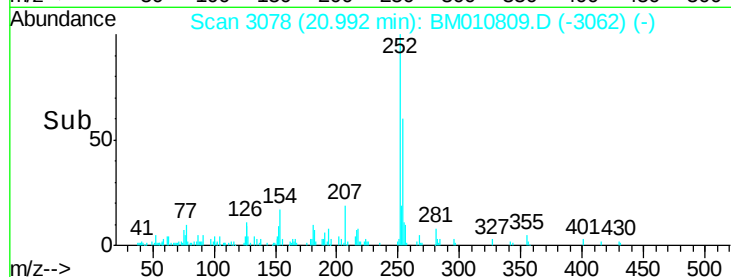
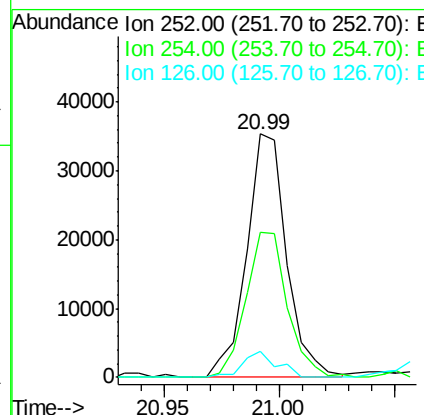
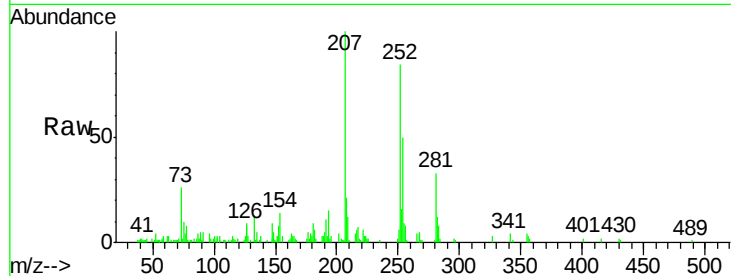
#81  
 3,3'-Dichlorobenzidine  
 Concen: 1.441 ng  
 RT: 20.99 min Scan# 3078  
 Delta R.T. -0.01 min  
 Lab File: BM010809.D  
 Acq: 13 Jul 2017 13:06

Instrument :  
 BNA\_M  
 ClientSampleId :  
 LOD-WATER-05-QT3-2017

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 59.7  | 51.9  | 77.9  |
| 126     | 10.6  | 9.8   | 14.8  |

Manual Integrations  
 APPROVED

mohammad  
 7/17/2017 8:13:13 AM



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.20 min Scan# 3453  
 Delta R.T. 0.00 min  
 Lab File: BM010809.D  
 Acq: 13 Jul 2017 13:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.0  | 18.6  | 27.8  |
| 265     | 21.5  | 17.3  | 25.9  |

