

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101718\  
 Data File : BM017173.D  
 Acq On : 18 Oct 2018 00:11  
 Operator : MJ/SJ  
 Sample : J5164-07  
 Misc : LOD 2 PPM  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT4-2018

Manual Integrations  
 APPROVED

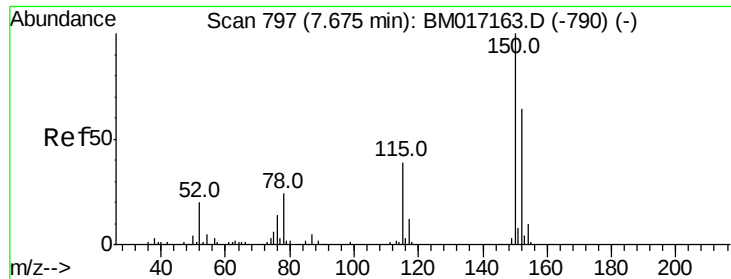
Sohil  
 10/18/2018 5:33:28 PM

Quant Time: Oct 18 13:20:14 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 17 14:23:17 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.67  | 152  | 207965   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8             | 10.45 | 136  | 857933   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10           | 14.32 | 164  | 485827   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10           | 17.06 | 188  | 1141800  | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12               | 21.26 | 240  | 1315347  | 20.00  | ng    | 0.00     |
| 87) Perylene-d12               | 23.47 | 264  | 1356928  | 20.00  | ng    | -0.01    |
| System Monitoring Compounds    |       |      |          |        |       |          |
| 5) 2-Fluorophenol              | 5.29  | 112  | 1527511  | 124.23 | ng    | 0.00     |
| 7) Phenol-d6                   | 6.85  | 99   | 1982987  | 118.41 | ng    | 0.00     |
| 23) Nitrobenzene-d5            | 8.83  | 82   | 1169169  | 79.70  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol       | 15.81 | 330  | 847749   | 129.03 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl           | 12.93 | 172  | 2838890  | 77.75  | ng    | 0.00     |
| 79) Terphenyl-d14              | 19.70 | 244  | 4387057  | 75.18  | ng    | 0.00     |
| Target Compounds               |       |      |          |        |       | Qvalue   |
| 17) 2-Methylphenol             | 8.12  | 107  | 18105    | 1.565  | ng    | 97       |
| 19) n-Nitroso-di-n-propylamine | 8.47  | 70   | 16645    | 1.510  | ng    | 96       |
| 20) 3+4-Methylphenols          | 8.44  | 107  | 23901    | 1.511  | ng    | 95       |
| 22) Acetophenone               | 8.49  | 105  | 34558    | 1.589  | ng    | # 96     |
| 25) Isophorone                 | 9.39  | 82   | 42619    | 1.759  | ng    | 97       |
| 26) 2-Nitrophenol              | 9.57  | 139  | 9338     | 6.836  | ng    | 96       |
| 27) 2,4-Dimethylphenol         | 9.64  | 122  | 18340    | 1.712  | ng    | 98       |
| 28) bis(2-Chloroethoxy)methane | 9.87  | 93   | 29216    | 1.714  | ng    | 97       |
| 29) 2,4-Dichlorophenol         | 10.11 | 162  | 18425    | 1.482  | ng    | 94       |
| 30) 1,2,4-Trichlorobenzene     | 10.32 | 180  | 25361    | 1.700  | ng    | 96       |
| 36) 4-Chloro-3-methylphenol    | 11.75 | 107  | 20263    | 1.445  | ng    | 90       |
| 43) 2,4,6-Trichlorophenol      | 12.73 | 196  | 13807    | 1.390  | ng    | 93       |
| 44) 2,4,5-Trichlorophenol      | 12.81 | 196  | 15220    | 1.429  | ng    | 96       |
| 57) 2,4-Dinitrotoluene         | 14.69 | 165  | 11999    | 1.082  | ng    | # 85     |
| 61) 4-Chlorophenyl-phenylether | 15.37 | 204  | 35354    | 1.721  | ng    | 98       |
| 62) 4-Nitroaniline             | 15.40 | 138  | 8512m    | 5.524  | ng    |          |
| 77) Benzidine                  | 19.32 | 184  | 23674    | 0.710  | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine     | 21.19 | 252  | 28195    | 1.022  | ng    | # 99     |

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





#1

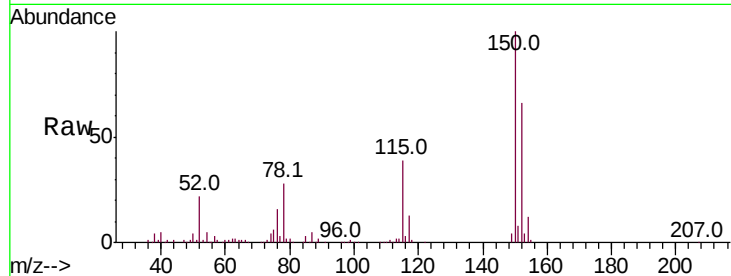
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.67 min Scan# 797  
Delta R.T. -0.00 min  
Lab File: BM017173.D  
Acq: 18 Oct 2018 00:11

Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2018

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 151.9 | 124.3 | 186.5 |
| 115     | 59.2  | 48.1  | 72.1  |

Manual Integrations  
APPROVED

Sohil  
10/18/2018 5:33:28 PM

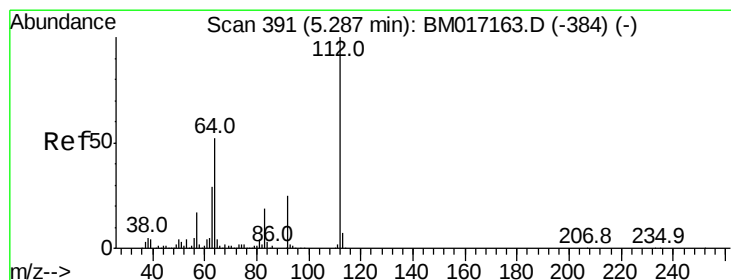
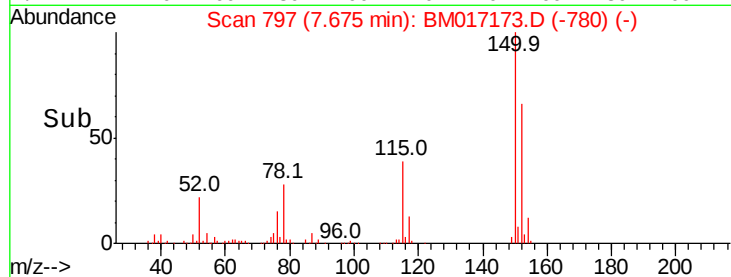
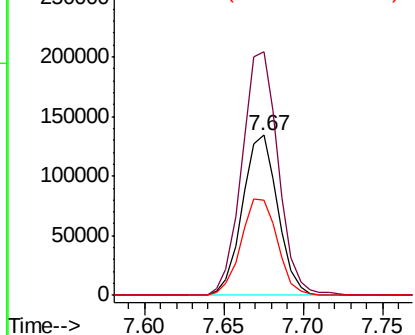


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

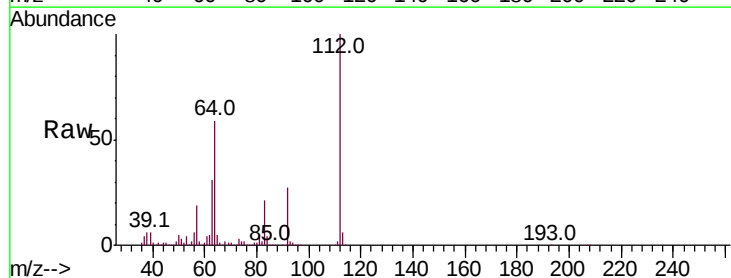
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol  
Concen: 124.229 ng  
RT: 5.29 min Scan# 391  
Delta R.T. 0.00 min  
Lab File: BM017173.D  
Acq: 18 Oct 2018 00:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 59.0  | 41.7  | 62.5  |
| 63      | 31.2  | 23.0  | 34.4  |

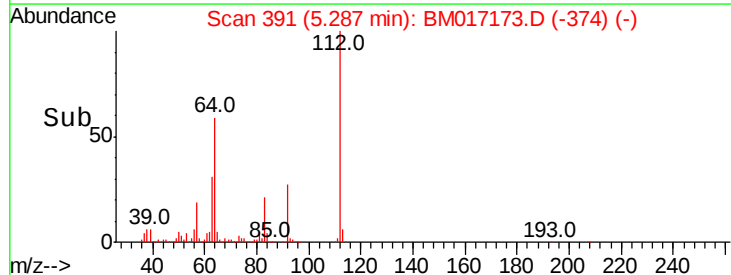
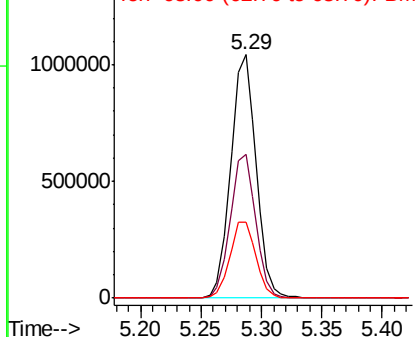


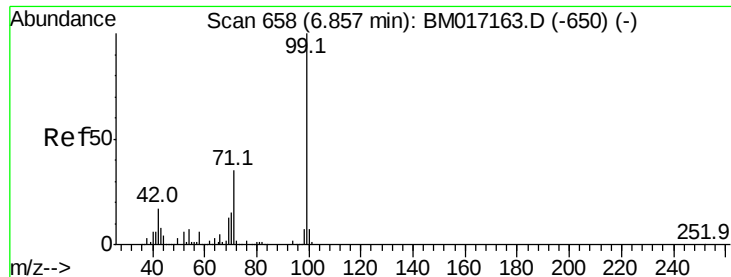
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 118.413 ng

RT: 6.85 min Scan# 657

Delta R.T. -0.01 min

Lab File: BM017173.D

Acq: 18 Oct 2018 00:11

Instrument :

BNA\_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

Tot Ion: 99 Resp: 1982987

Ion Ratio Lower Upper

99 100

42 18.9 13.3 19.9

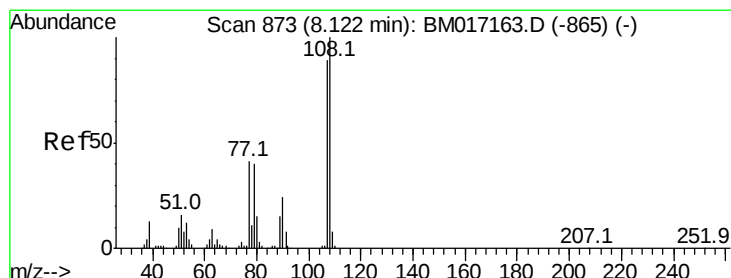
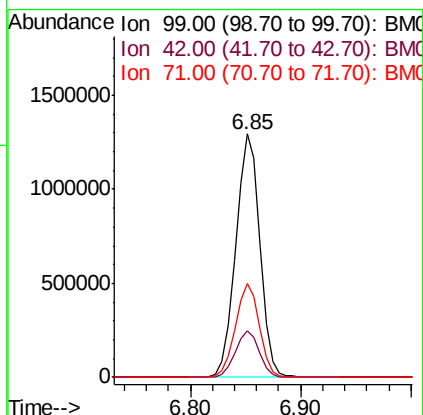
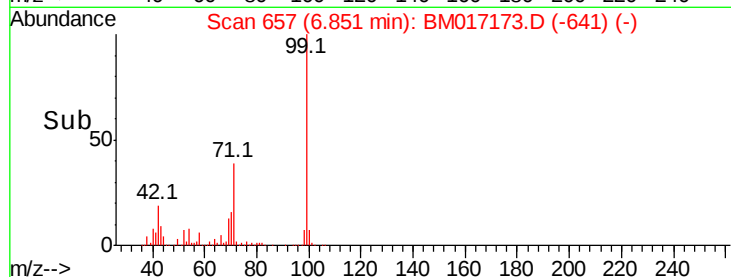
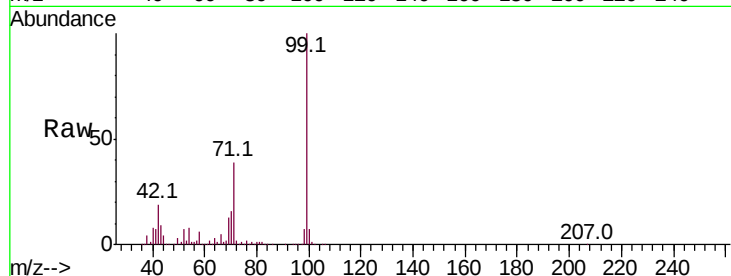
71 38.8 28.0 42.0

Manual Integrations

APPROVED

Sohil

10/18/2018 5:33:28 PM



#17

2-Methylphenol

Concen: 1.565 ng

RT: 8.12 min Scan# 872

Delta R.T. -0.01 min

Lab File: BM017173.D

Acq: 18 Oct 2018 00:11

Tgt Ion: 107 Resp: 18105

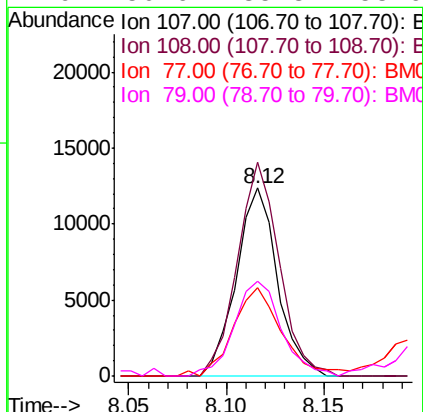
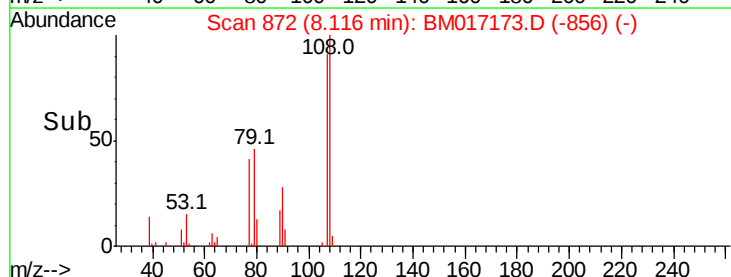
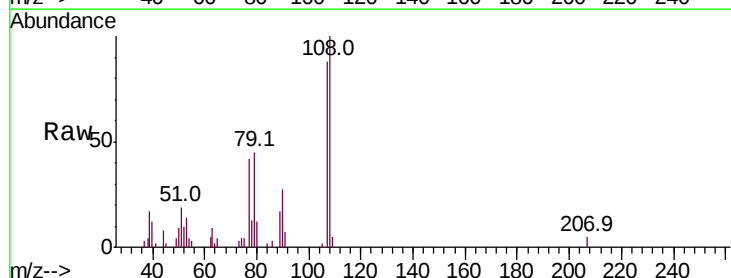
Ion Ratio Lower Upper

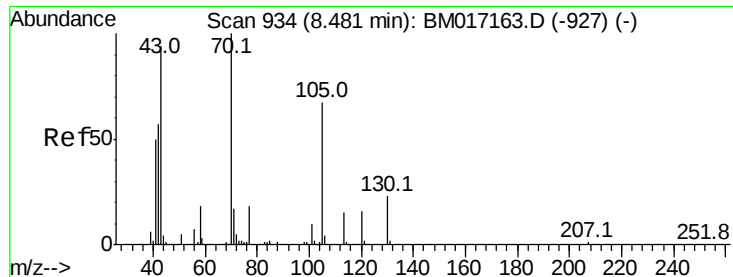
107 100

108 113.6 90.3 135.5

77 47.2 37.0 55.4

79 50.6 35.8 53.6





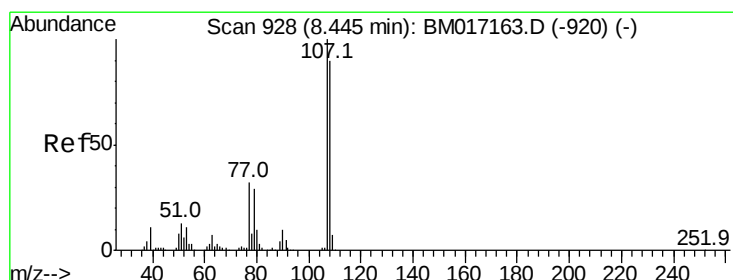
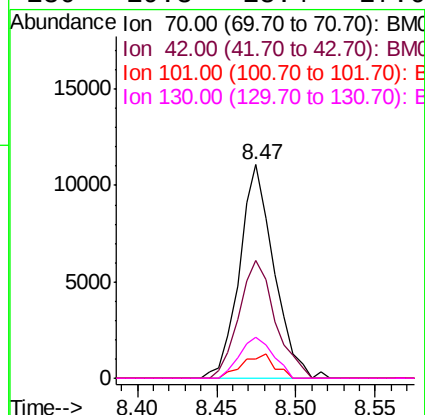
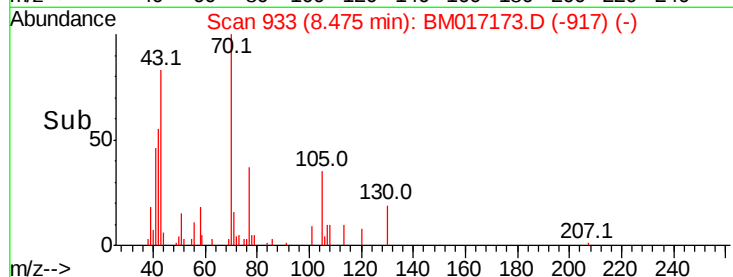
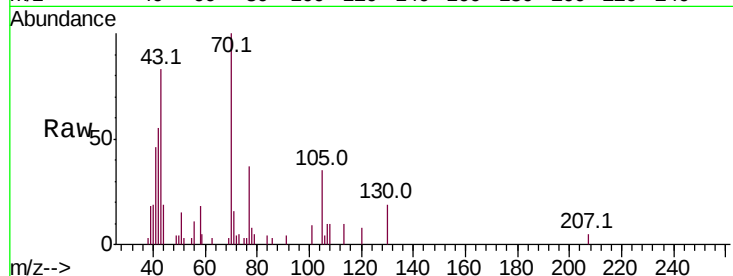
#19  
n-Nitroso-di-n-propylamine  
Concen: 1.510 ng  
RT: 8.47 min Scan# 933  
Delta R.T. -0.01 min  
Lab File: BM017173.D  
Acq: 18 Oct 2018 00:11

Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2018

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 55.1 | 46.1  | 69.1  |       |
| 101     | 9.0  | 8.2   | 12.4  |       |
| 130     | 19.3 | 18.4  | 27.6  |       |

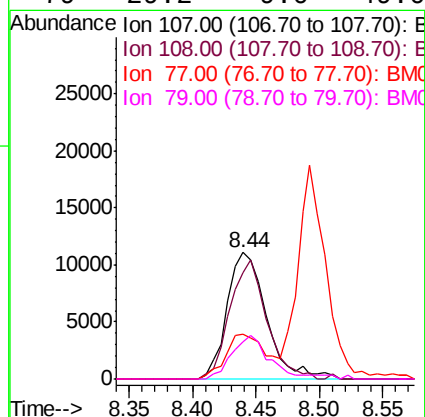
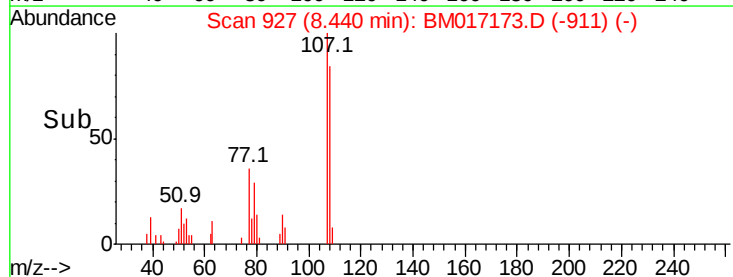
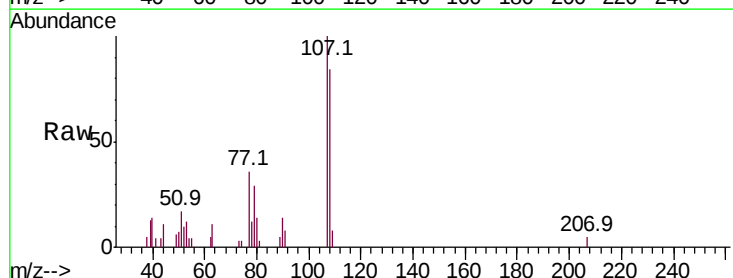
Manual Integrations  
APPROVED

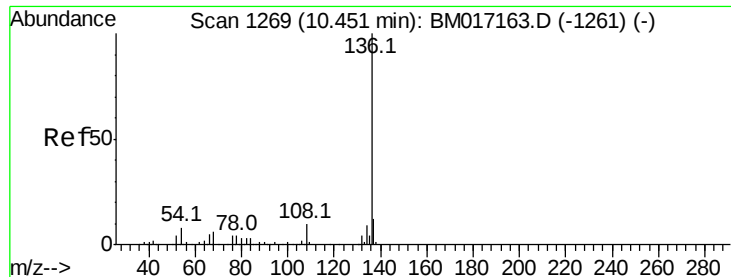
Sohil  
10/18/2018 5:33:28 PM



#20  
3+4-Methylphenols  
Concen: 1.511 ng  
RT: 8.44 min Scan# 927  
Delta R.T. -0.01 min  
Lab File: BM017173.D  
Acq: 18 Oct 2018 00:11

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 83.5 | 69.9  | 109.9 |       |
| 77      | 35.6 | 12.2  | 52.2  |       |
| 79      | 29.2 | 9.0   | 49.0  |       |





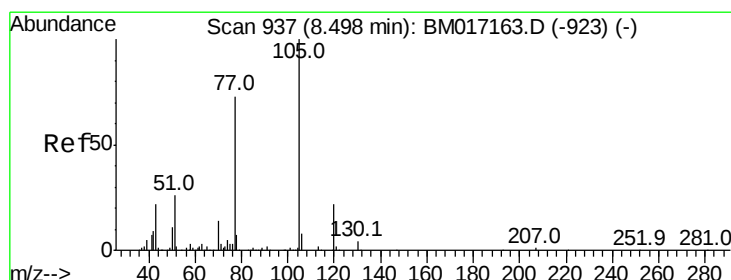
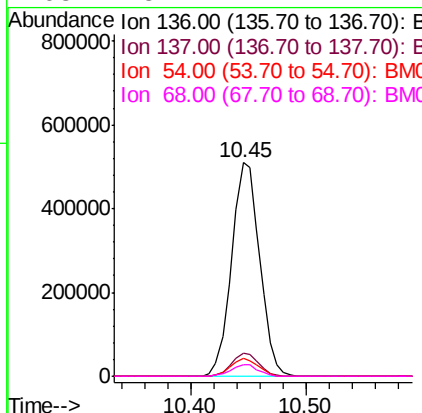
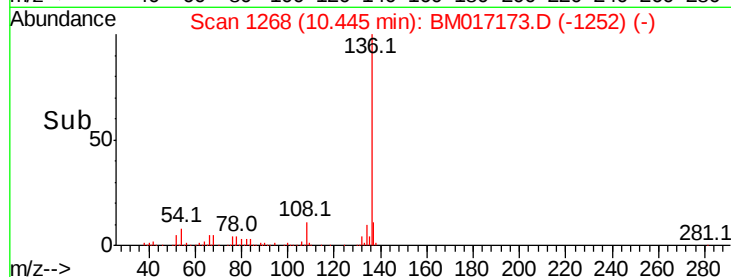
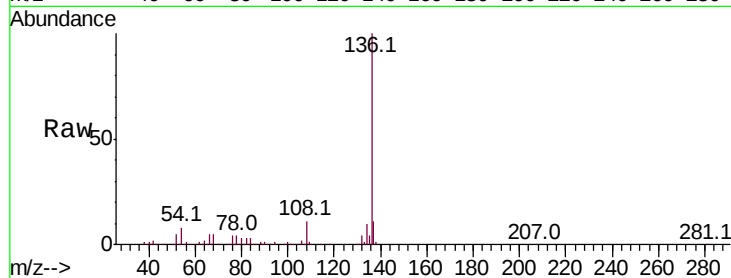
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.45 min Scan# 1268  
Delta R.T. -0.01 min  
Lab File: BM017173.D  
Acq: 18 Oct 2018 00:11

Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2018

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 857933 |       |       |
| 137     | 10.7  |        | 9.2   | 13.8  |
| 54      | 8.1   |        | 6.7   | 10.1  |
| 68      | 5.2   |        | 4.7   | 7.1   |

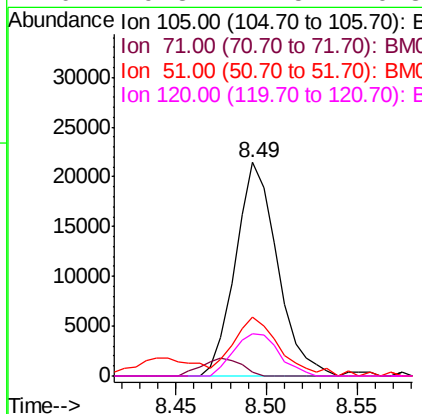
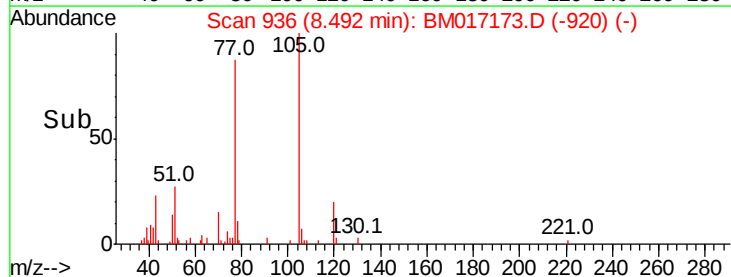
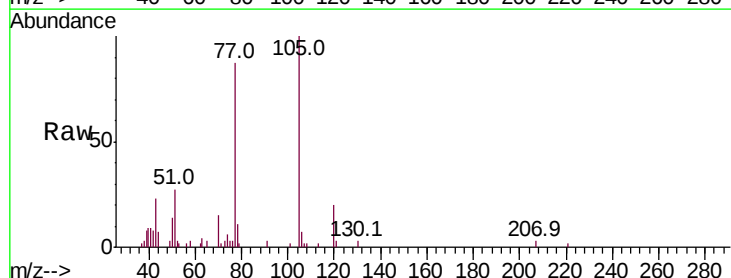
Manual Integrations  
APPROVED

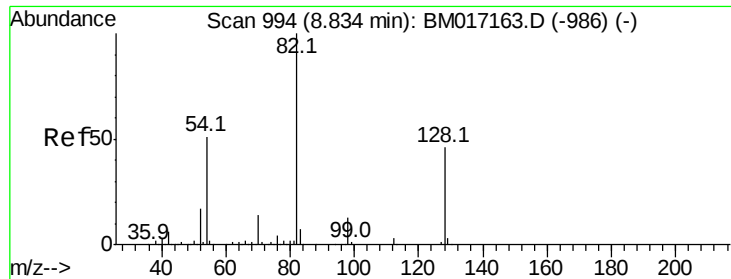
Sohil  
10/18/2018 5:33:28 PM



#22  
Acetophenone  
Concen: 1.589 ng  
RT: 8.49 min Scan# 936  
Delta R.T. -0.01 min  
Lab File: BM017173.D  
Acq: 18 Oct 2018 00:11

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 105     | 100   | 34558 |       |       |
| 71      | 1.8   |       | 2.0   | 3.0#  |
| 51      | 27.4  |       | 20.6  | 31.0  |
| 120     | 19.8  |       | 17.5  | 26.3  |





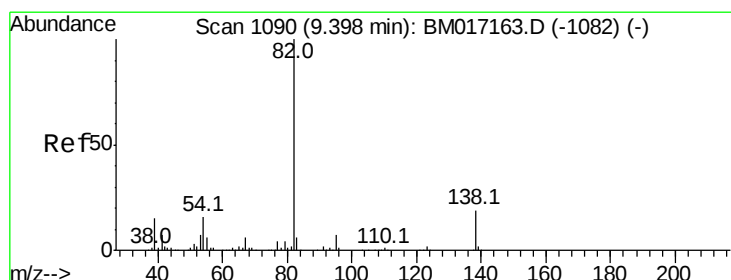
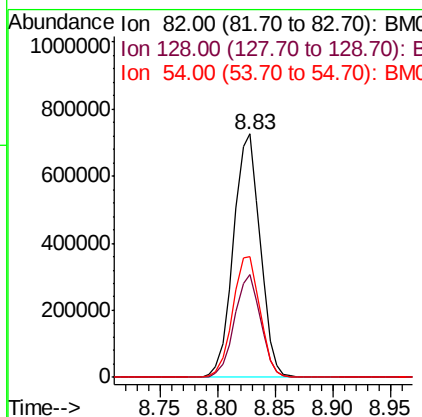
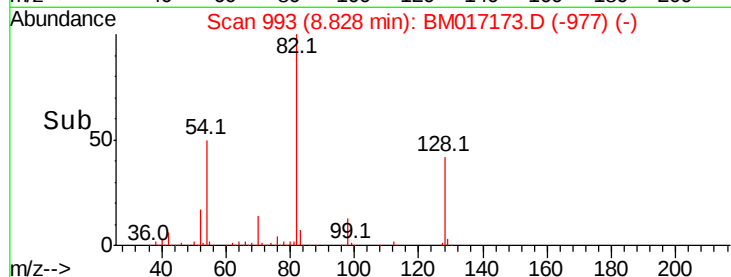
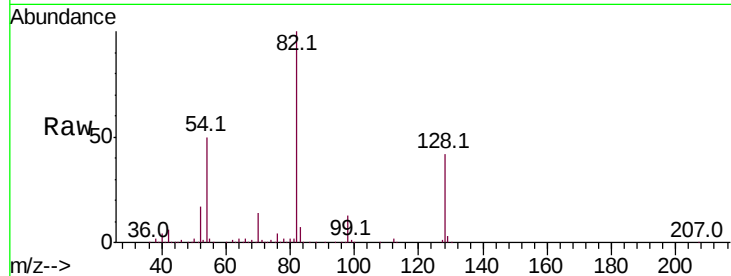
#23  
 Nitrobenzene-d5  
 Concen: 79.703 ng  
 RT: 8.83 min Scan# 993  
 Delta R.T. -0.01 min  
 Lab File: BM017173.D  
 Acq: 18 Oct 2018 00:11

Instrument :  
 BNA\_M  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT4-2018

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 42.4  | 37.0  | 55.6  |
| 54      | 49.6  | 40.7  | 61.1  |

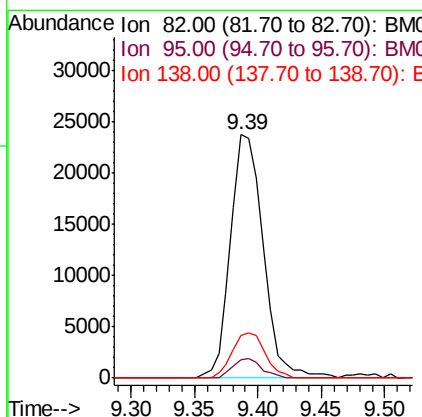
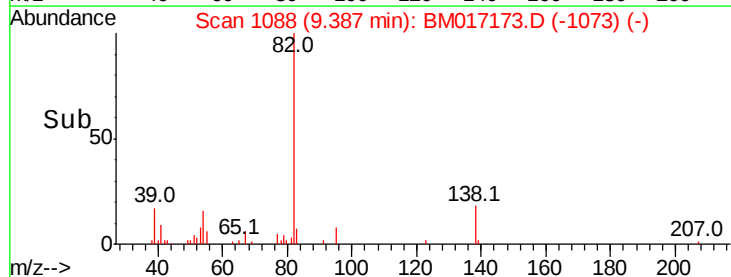
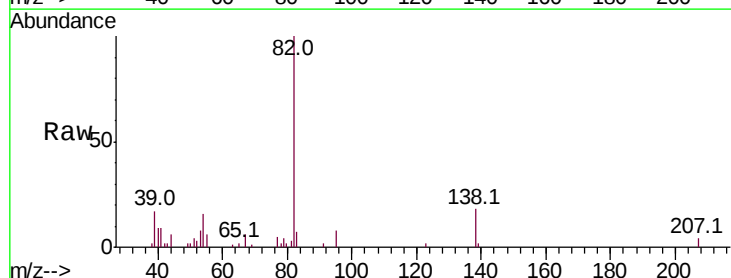
Manual Integrations  
 APPROVED

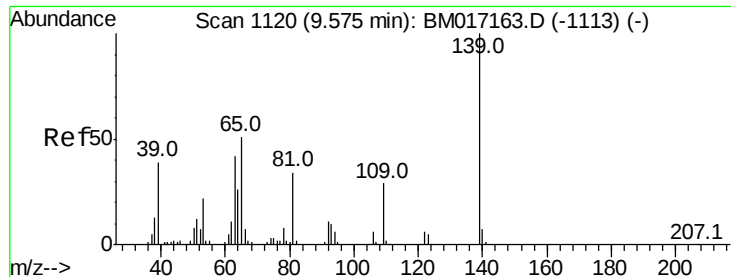
Sohil  
 10/18/2018 5:33:28 PM



#25  
 Isophorone  
 Concen: 1.759 ng  
 RT: 9.39 min Scan# 1088  
 Delta R.T. -0.01 min  
 Lab File: BM017173.D  
 Acq: 18 Oct 2018 00:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 95      | 7.7   | 6.0   | 9.0   |
| 138     | 17.6  | 15.4  | 23.2  |





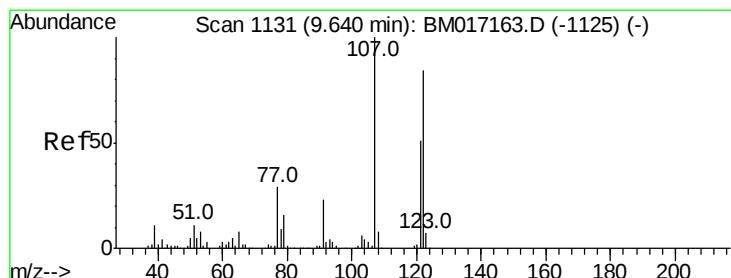
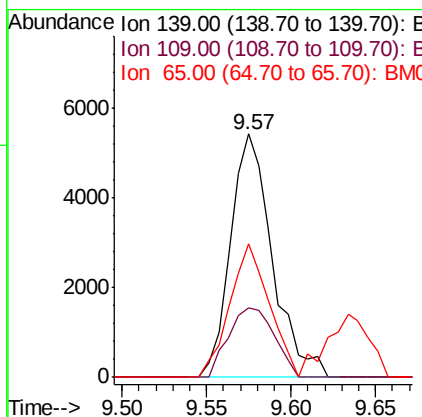
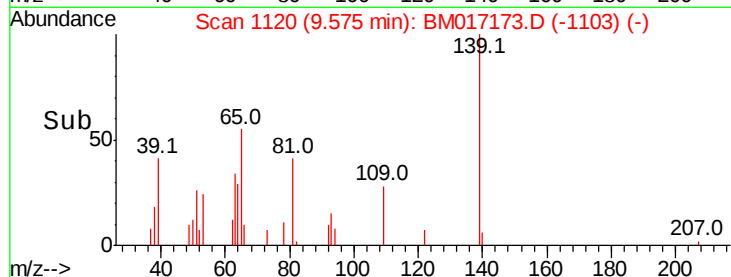
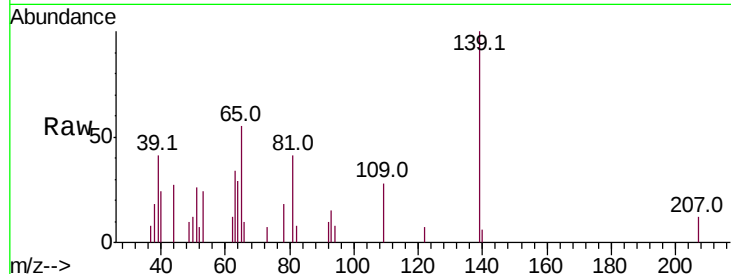
#26  
2-Nitrophenol  
Concen: 6.836 ng  
RT: 9.57 min Scan# 1120  
Delta R.T. 0.00 min  
Lab File: BM017173.D  
Acq: 18 Oct 2018 00:11

Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2018

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 139     | 100   |      |       |       |
| 109     | 28.4  | 23.2 | 34.8  |       |
| 65      | 55.0  | 40.6 | 61.0  |       |

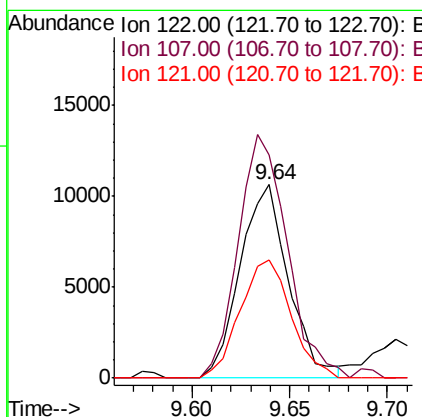
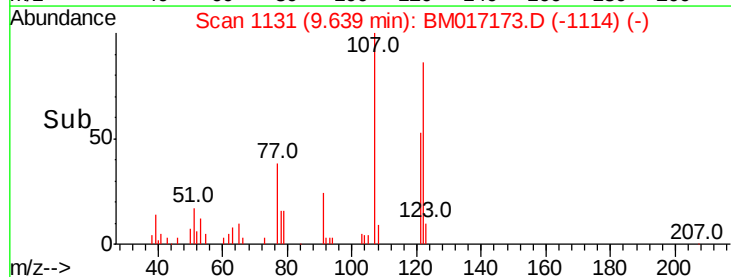
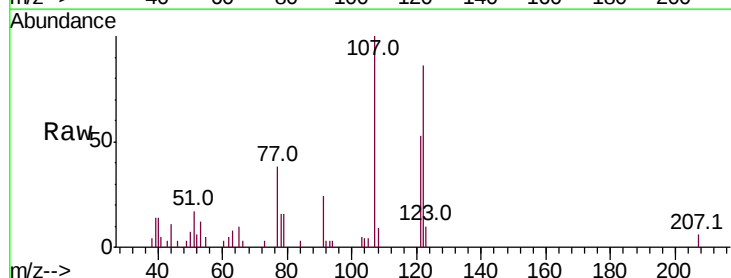
Manual Integrations  
APPROVED

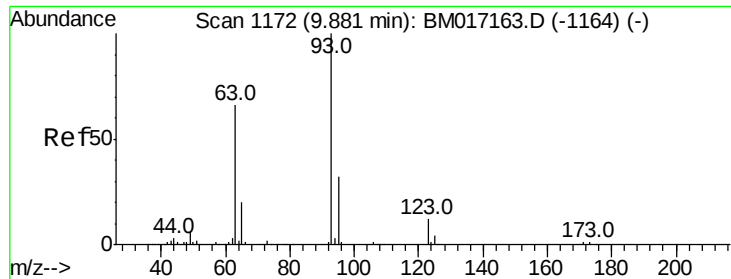
Sohil  
10/18/2018 5:33:28 PM



#27  
2,4-Dimethylphenol  
Concen: 1.712 ng  
RT: 9.64 min Scan# 1131  
Delta R.T. -0.00 min  
Lab File: BM017173.D  
Acq: 18 Oct 2018 00:11

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 122     | 100   |      |       |       |
| 107     | 115.7 | 95.0 | 142.6 |       |
| 121     | 61.4  | 48.2 | 72.4  |       |





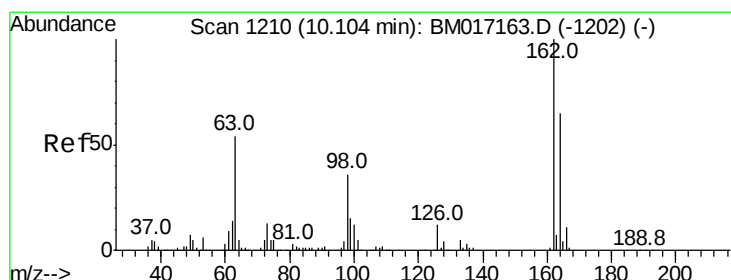
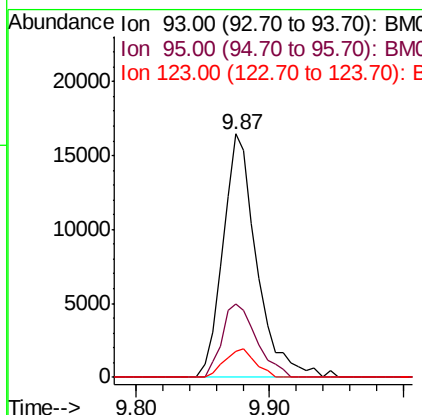
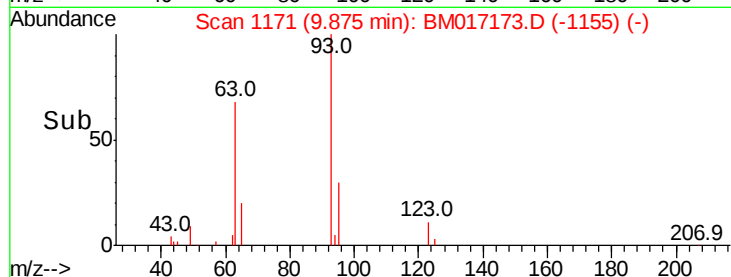
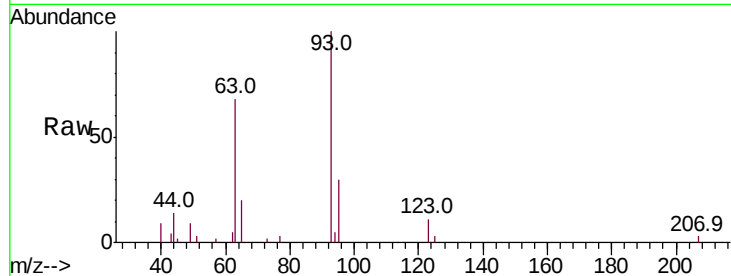
#28  
bis(2-Chloroethoxy)methane  
Concen: 1.714 ng  
RT: 9.87 min Scan# 1171  
Delta R.T. -0.01 min  
Lab File: BM017173.D  
Acq: 18 Oct 2018 00:11

Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2018

| Tot Ion   | 93   | Resp  | 29216 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 93        | 100  |       |       |
| 95        | 30.2 | 25.7  | 38.5  |
| 123       | 10.7 | 9.4   | 14.0  |

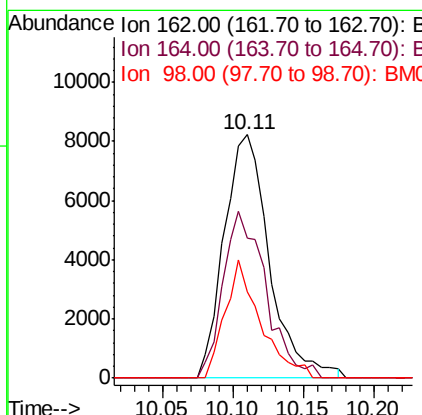
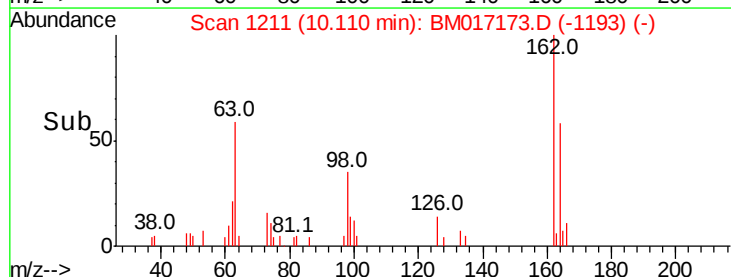
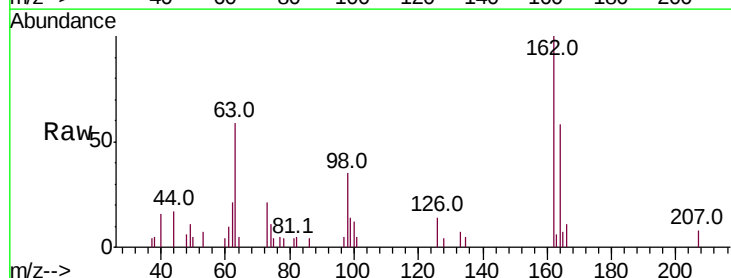
Manual Integrations  
APPROVED

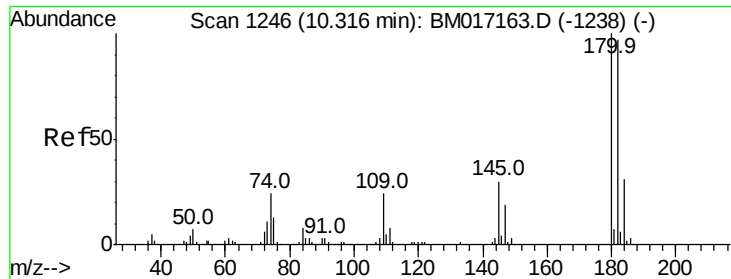
Sohil  
10/18/2018 5:33:28 PM



#29  
2,4-Dichlorophenol  
Concen: 1.482 ng  
RT: 10.11 min Scan# 1211  
Delta R.T. 0.01 min  
Lab File: BM017173.D  
Acq: 18 Oct 2018 00:11

| Tgt Ion   | 162  | Resp  | 18425 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 162       | 100  |       |       |
| 164       | 57.7 | 44.9  | 84.9  |
| 98        | 35.5 | 15.8  | 55.8  |





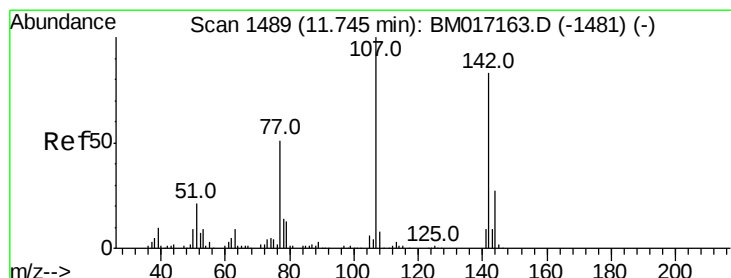
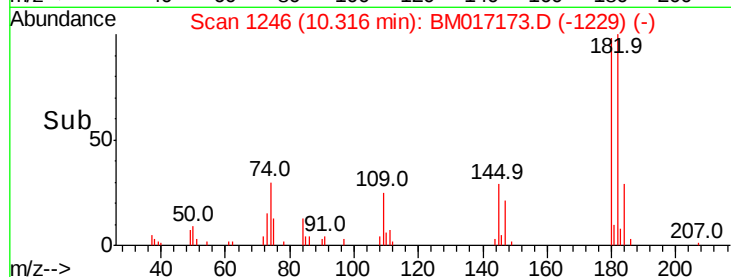
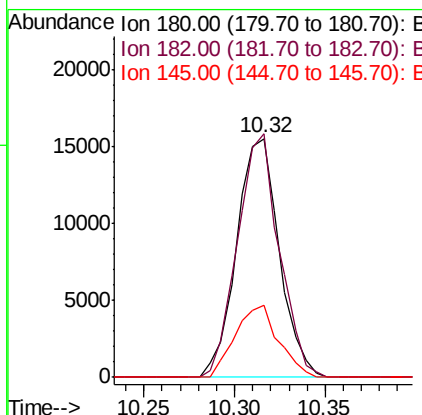
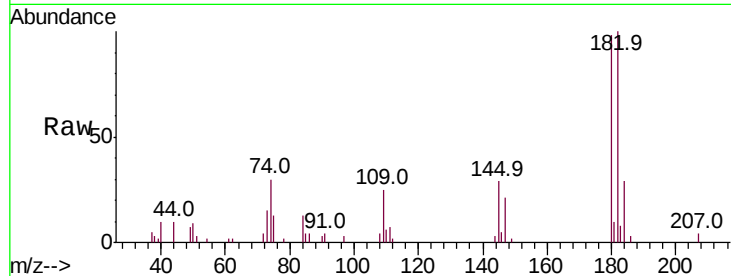
#30  
 1,2,4-Trichlorobenzene  
 Concen: 1.700 ng  
 RT: 10.32 min Scan# 1246  
 Delta R.T. -0.00 min  
 Lab File: BM017173.D  
 Acq: 18 Oct 2018 00:11

Instrument :  
 BNA\_M  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT4-2018

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 101.9 | 77.5  | 116.3 |
| 145     | 30.0  | 24.0  | 36.0  |

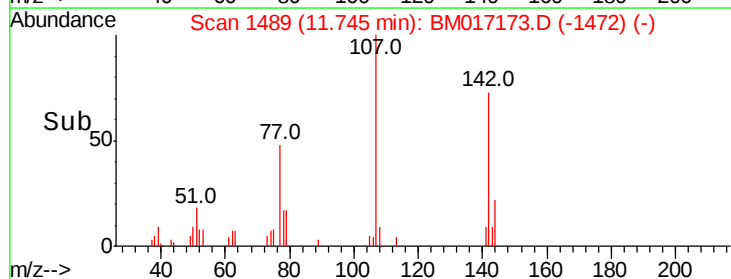
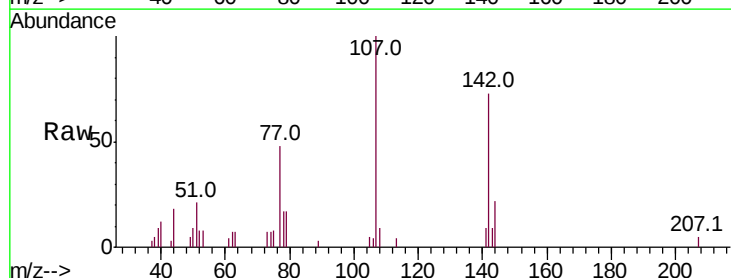
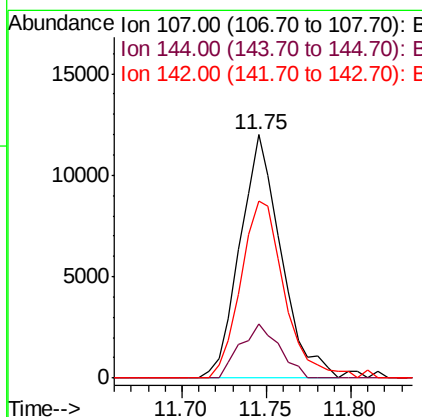
Manual Integrations  
 APPROVED

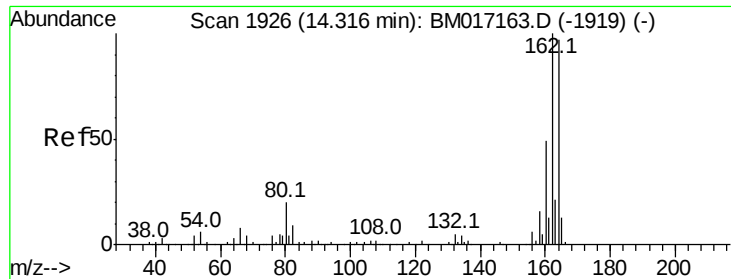
Sohil  
 10/18/2018 5:33:28 PM



#36  
 4-Chloro-3-methylphenol  
 Concen: 1.445 ng  
 RT: 11.75 min Scan# 1489  
 Delta R.T. -0.00 min  
 Lab File: BM017173.D  
 Acq: 18 Oct 2018 00:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 22.4  | 21.6  | 32.4  |
| 142     | 72.8  | 66.0  | 99.0  |





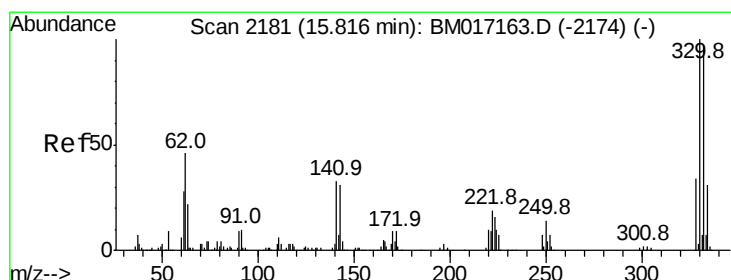
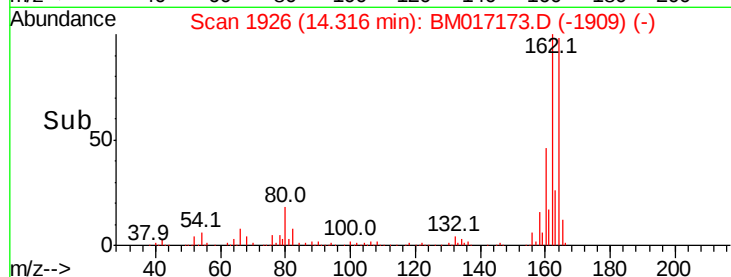
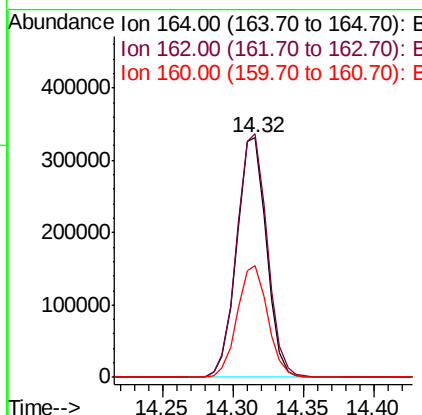
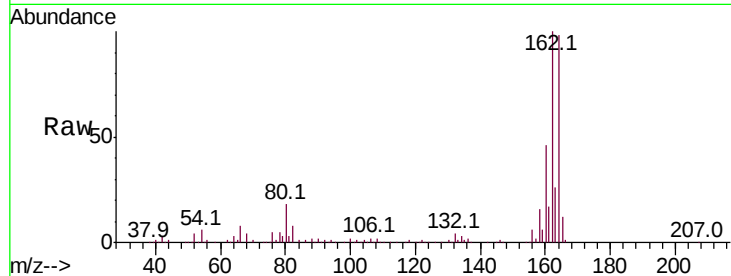
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.32 min Scan# 1926  
Delta R.T. -0.00 min  
Lab File: BM017173.D  
Acq: 18 Oct 2018 00:11

Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2018

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 485827 |       |       |
| 162     | 101.6 |        | 82.1  | 123.1 |
| 160     | 46.8  |        | 40.2  | 60.2  |

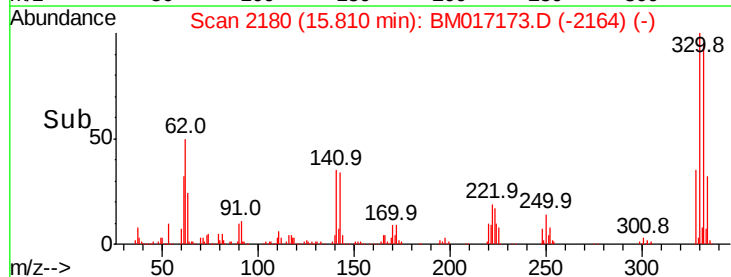
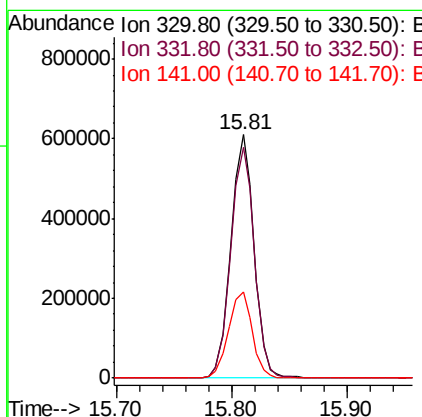
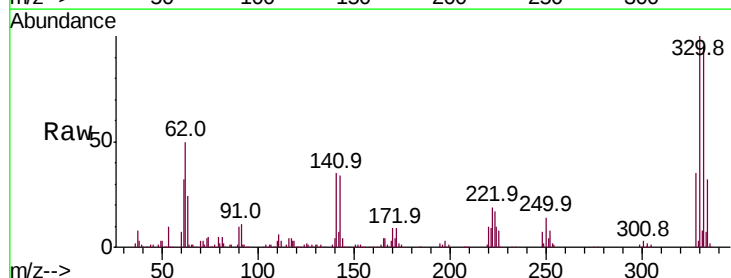
Manual Integrations  
APPROVED

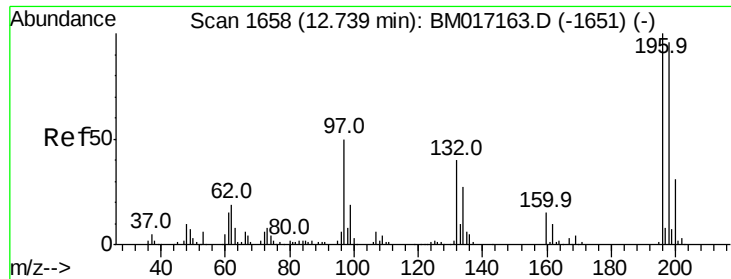
Sohil  
10/18/2018 5:33:28 PM



#42  
2,4,6-Tribromophenol  
Concen: 129.031 ng  
RT: 15.81 min Scan# 2180  
Delta R.T. -0.01 min  
Lab File: BM017173.D  
Acq: 18 Oct 2018 00:11

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 847749 |       |       |
| 332     | 96.8  |        | 77.3  | 115.9 |
| 141     | 36.2  |        | 27.4  | 41.0  |





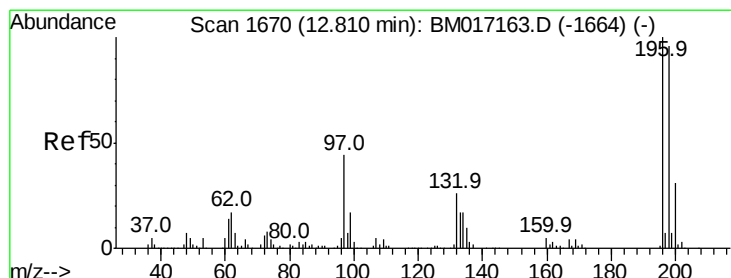
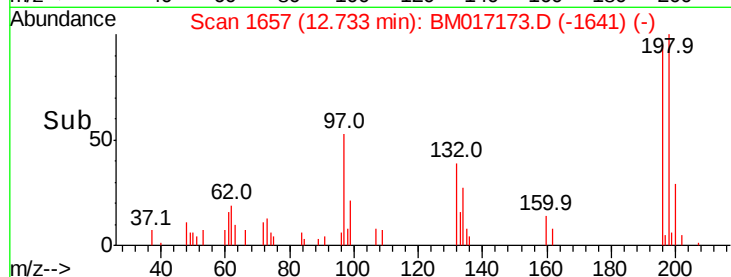
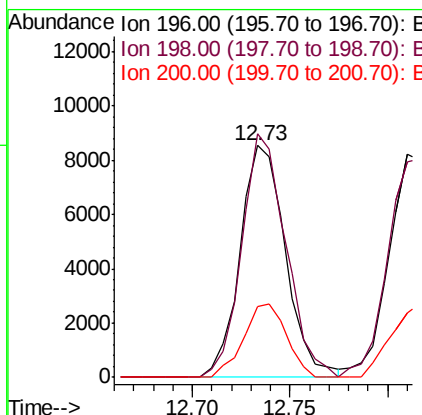
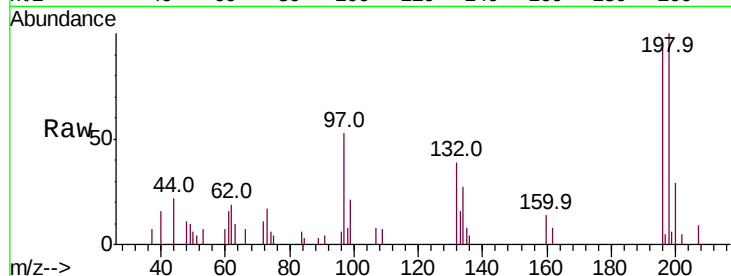
#43  
 2,4,6-Trichlorophenol  
 Concen: 1.390 ng  
 RT: 12.73 min Scan# 1657  
 Delta R.T. -0.01 min  
 Lab File: BM017173.D  
 Acq: 18 Oct 2018 00:11

Instrument :  
 BNA\_M  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT4-2018

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 105.1 | 77.1  | 115.7 |
| 200     | 30.4  | 25.0  | 37.4  |

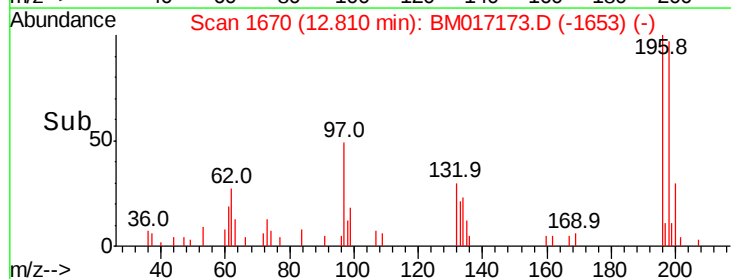
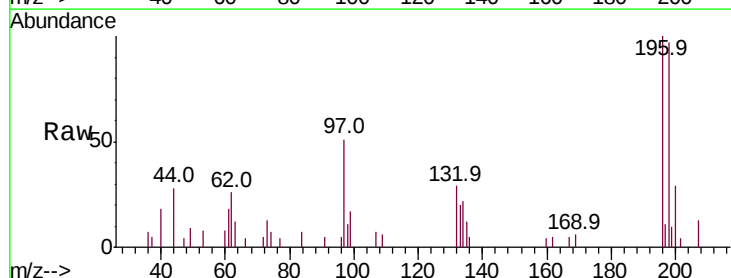
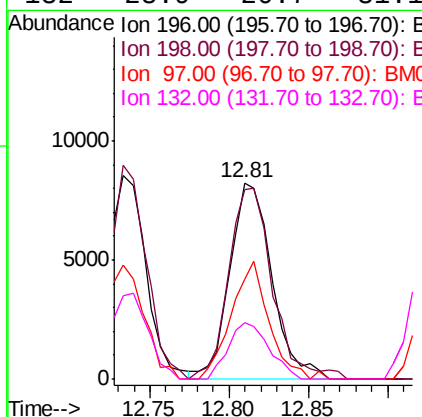
Manual Integrations  
 APPROVED

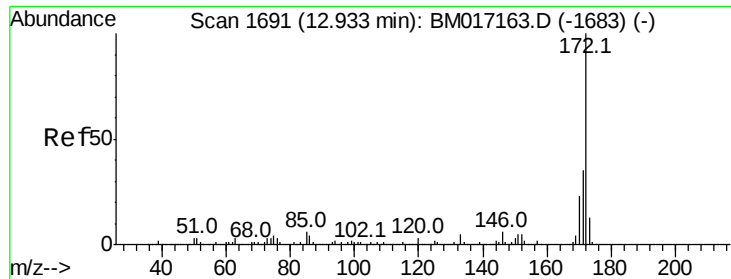
Sohil  
 10/18/2018 5:33:28 PM



#44  
 2,4,5-Trichlorophenol  
 Concen: 1.429 ng  
 RT: 12.81 min Scan# 1670  
 Delta R.T. -0.00 min  
 Lab File: BM017173.D  
 Acq: 18 Oct 2018 00:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 96.6  | 76.6  | 115.0 |
| 97      | 50.8  | 35.5  | 53.3  |
| 132     | 28.9  | 20.7  | 31.1  |





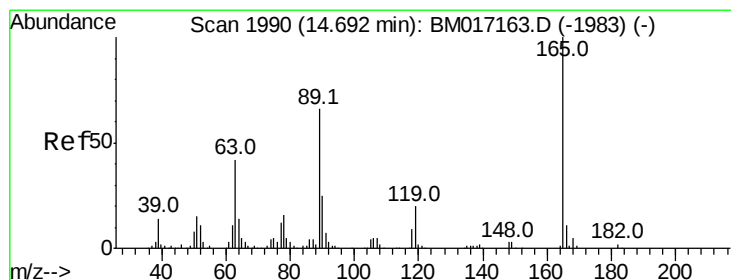
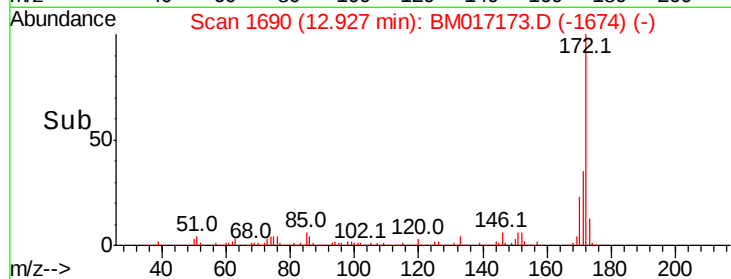
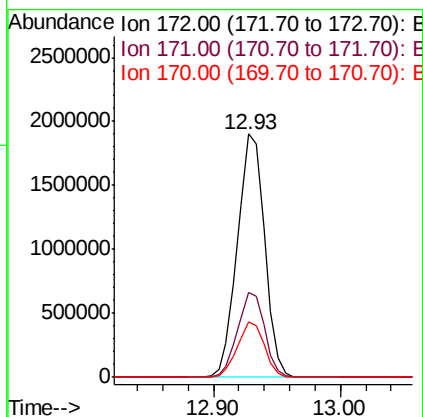
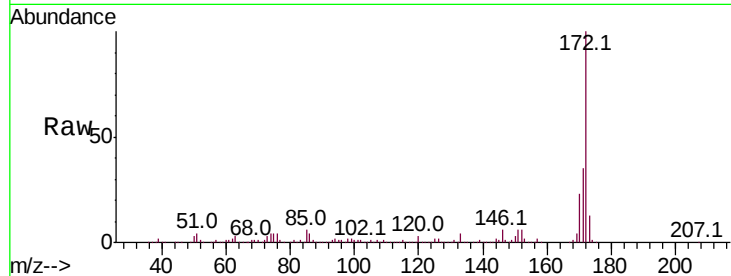
#45  
2-Fluorobiphenyl  
Concen: 77.749 ng  
RT: 12.93 min Scan# 1690  
Delta R.T. -0.01 min  
Lab File: BM017173.D  
Acq: 18 Oct 2018 00:11

Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2018

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.0  | 28.3  | 42.5  |
| 170     | 22.9  | 18.3  | 27.5  |

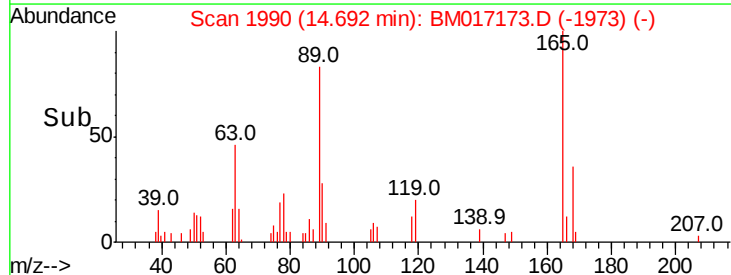
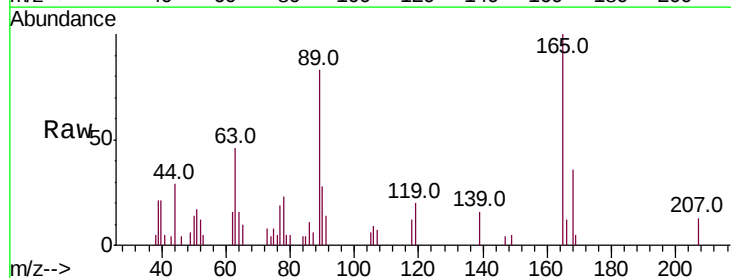
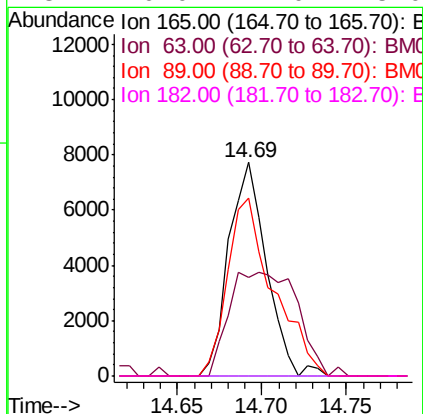
Manual Integrations  
APPROVED

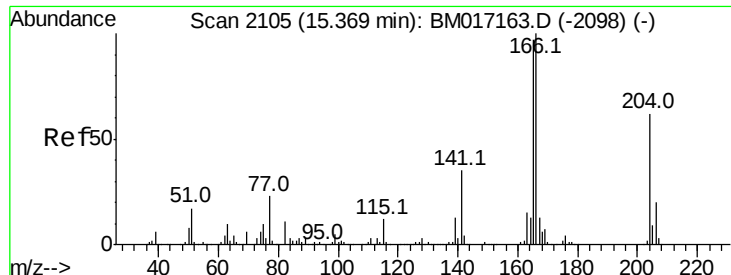
Sohil  
10/18/2018 5:33:28 PM



#57  
2,4-Dinitrotoluene  
Concen: 1.082 ng  
RT: 14.69 min Scan# 1990  
Delta R.T. 0.00 min  
Lab File: BM017173.D  
Acq: 18 Oct 2018 00:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 46.2  | 33.8  | 50.8  |
| 89      | 83.5  | 53.1  | 79.7# |
| 182     | 0.0   | 2.0   | 3.0#  |





#61

4-Chlorophenyl-phenylether

Concen: 1.721 ng

RT: 15.37 min Scan# 2105

Delta R.T. -0.00 min

Lab File: BM017173.D

Acq: 18 Oct 2018 00:11

Instrument :

BNA\_M

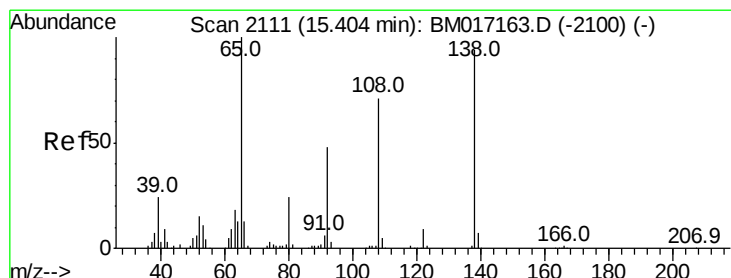
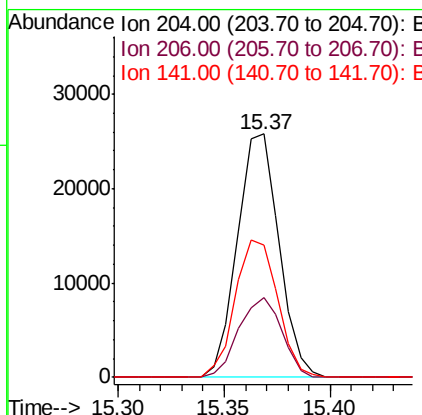
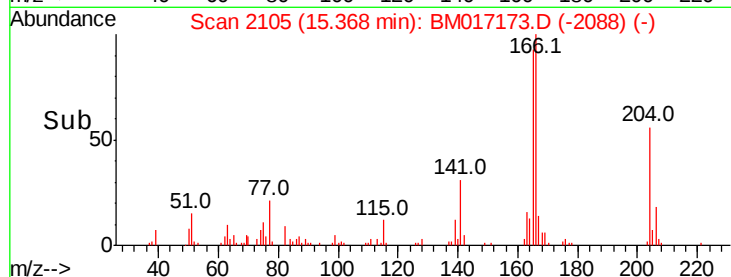
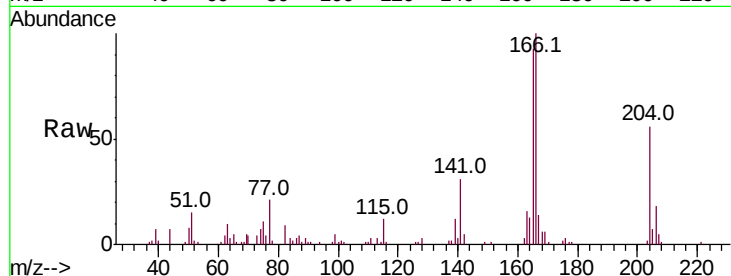
ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 204   | Resp: | 35354 |
| Ion Ratio | Lower | Upper |       |
| 204       | 100   |       |       |
| 206       | 32.5  | 26.1  | 39.1  |
| 141       | 54.4  | 45.4  | 68.2  |

Manual Integrations  
APPROVED

Sohil  
10/18/2018 5:33:28 PM



#62

4-Nitroaniline

Concen: 5.524 ng m

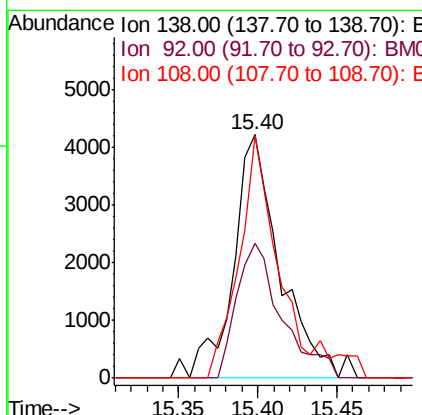
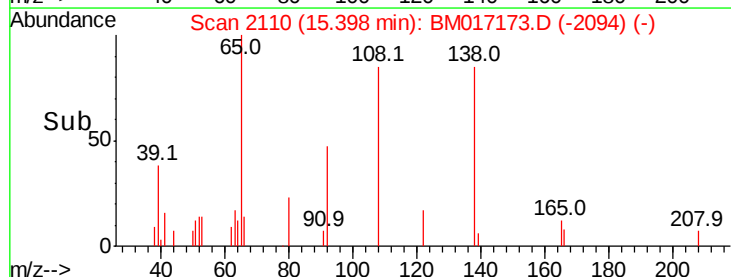
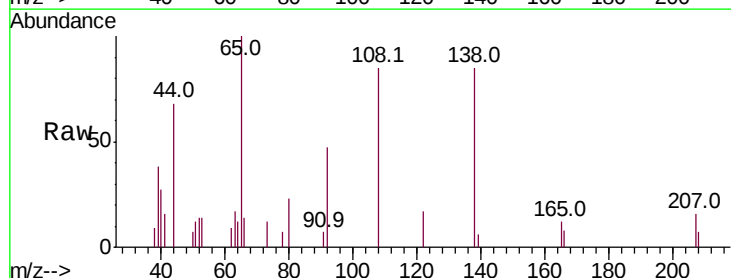
RT: 15.40 min Scan# 2110

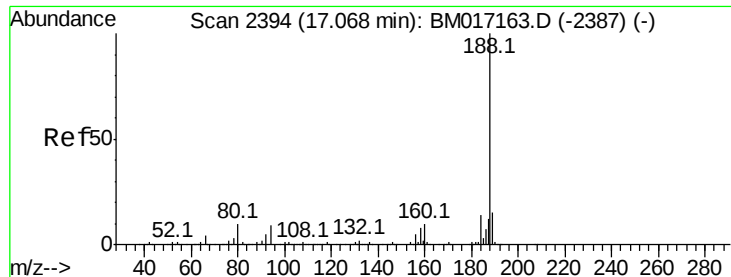
Delta R.T. -0.01 min

Lab File: BM017173.D

Acq: 18 Oct 2018 00:11

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 138   | Resp: | 8512  |
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 92        | 55.4  | 31.2  | 71.2  |
| 108       | 99.5  | 55.5  | 95.5# |





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.06 min Scan# 2393

Delta R.T. -0.01 min

Lab File: BM017173.D

Acq: 18 Oct 2018 00:11

Instrument :

BNA\_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

Tot Ion:188 Resp: 1141800

Ion Ratio Lower Upper

188 100

94 8.7 7.0 10.4

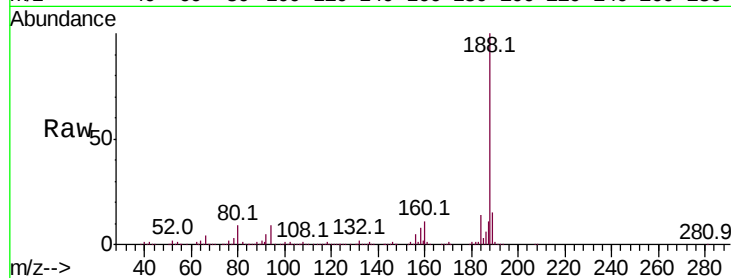
80 9.2 7.7 11.5

Manual Integrations

APPROVED

Sohil

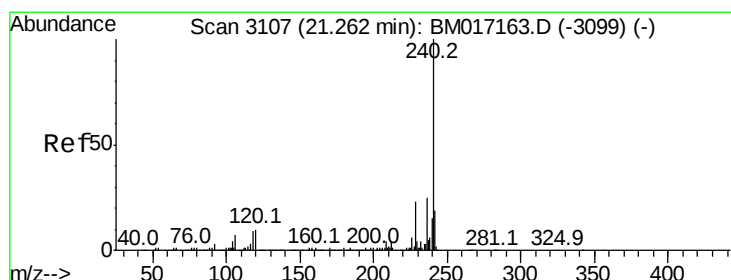
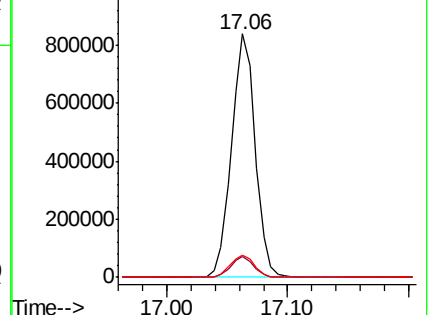
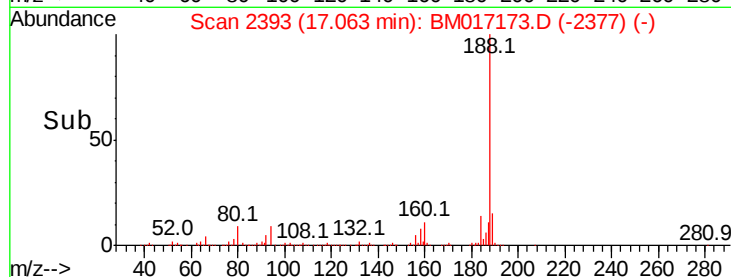
10/18/2018 5:33:28 PM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.26 min Scan# 3106

Delta R.T. -0.01 min

Lab File: BM017173.D

Acq: 18 Oct 2018 00:11

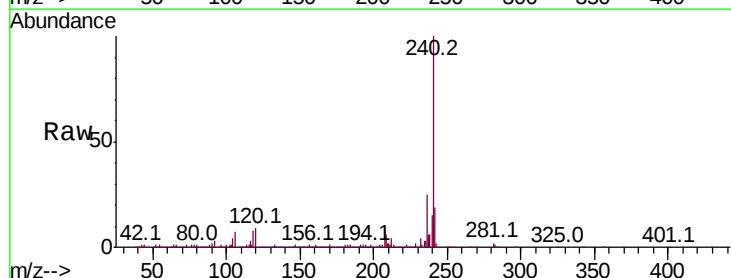
Tgt Ion:240 Resp: 1315347

Ion Ratio Lower Upper

240 100

120 8.9 8.1 12.1

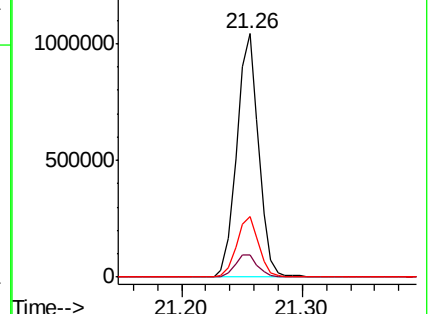
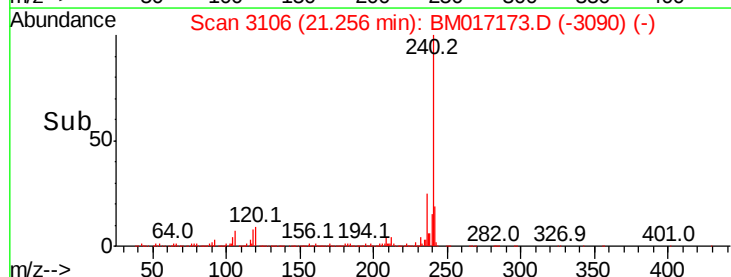
236 25.1 19.9 29.9

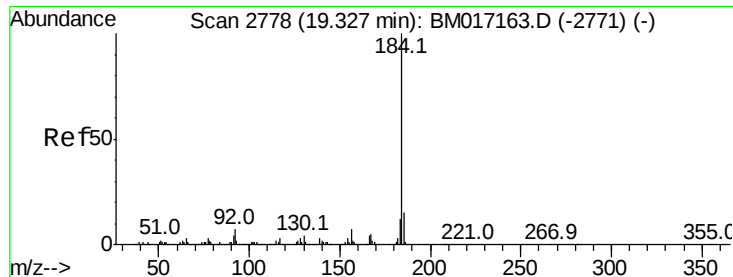


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 0.710 ng

RT: 19.32 min Scan# 2777

Delta R.T. -0.01 min

Lab File: BM017173.D

Acq: 18 Oct 2018 00:11

Instrument :

BNA\_M

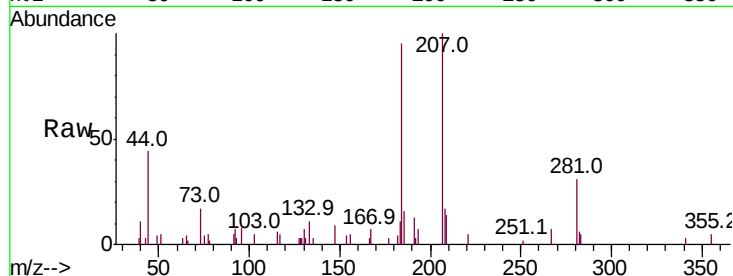
ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

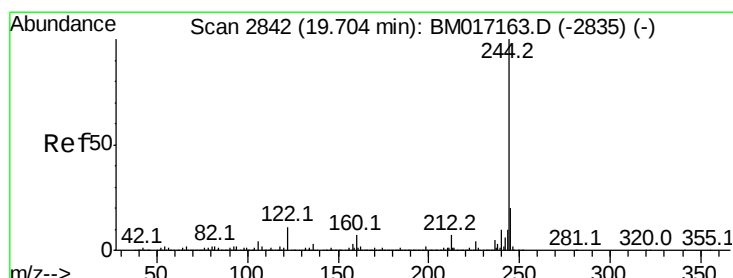
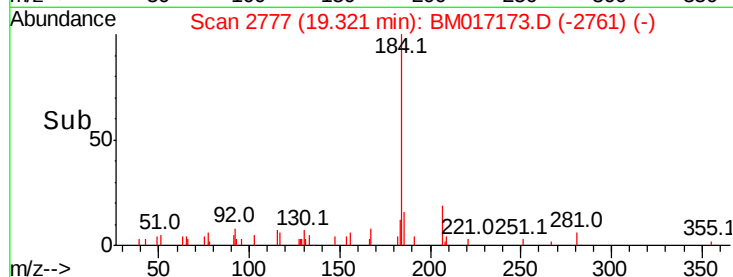
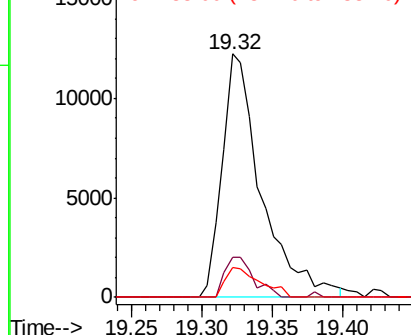
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 184   | Resp: | 23674 |
| Ion Ratio | Lower | Upper |       |
| 184       | 100   |       |       |
| 185       | 16.4  | 11.8  | 17.8  |
| 183       | 12.0  | 9.7   | 14.5  |

Manual Integrations  
APPROVED

Sohil  
10/18/2018 5:33:28 PM



Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 185.00 (184.70 to 185.70): E  
Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 75.177 ng

RT: 19.70 min Scan# 2842

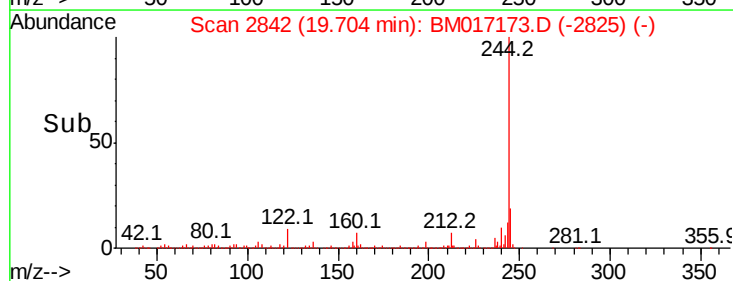
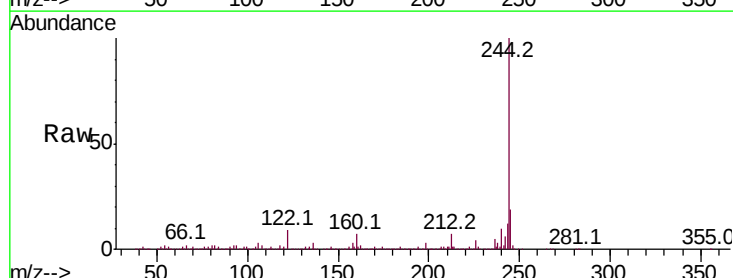
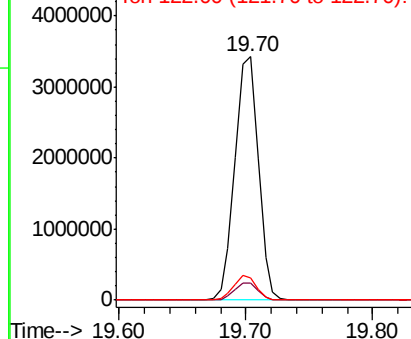
Delta R.T. -0.00 min

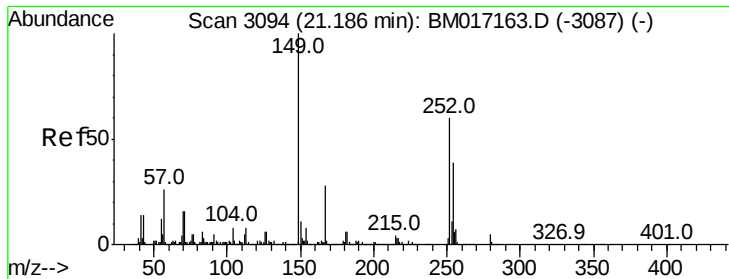
Lab File: BM017173.D

Acq: 18 Oct 2018 00:11

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 244   | Resp: | 4387057 |
| Ion Ratio | Lower | Upper |         |
| 244       | 100   |       |         |
| 212       | 7.2   | 5.5   | 8.3     |
| 122       | 9.0   | 8.4   | 12.6    |

Abundance Ion 244.00 (243.70 to 244.70): E  
Ion 212.00 (211.70 to 212.70): E  
Ion 122.00 (121.70 to 122.70): E





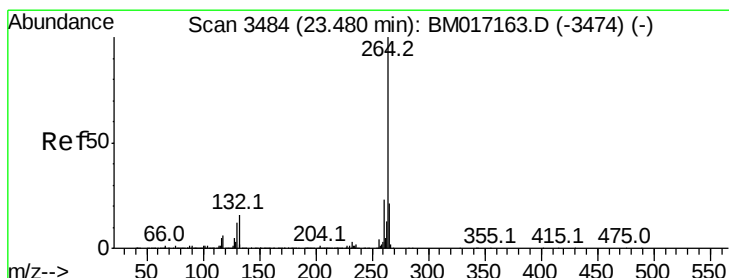
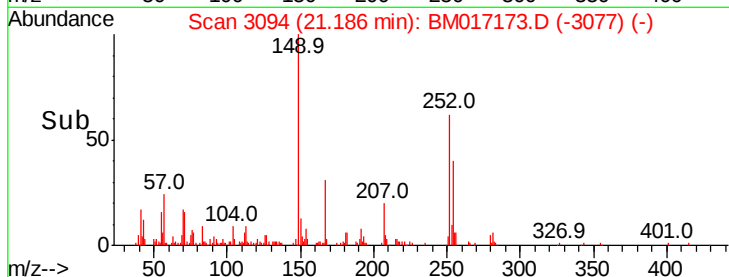
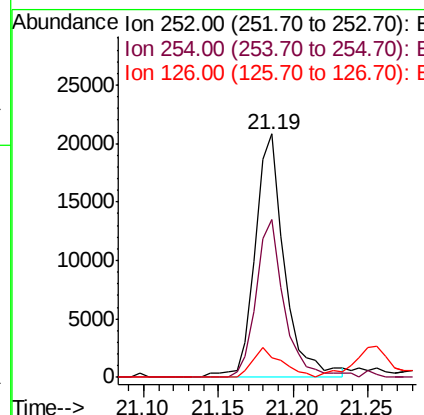
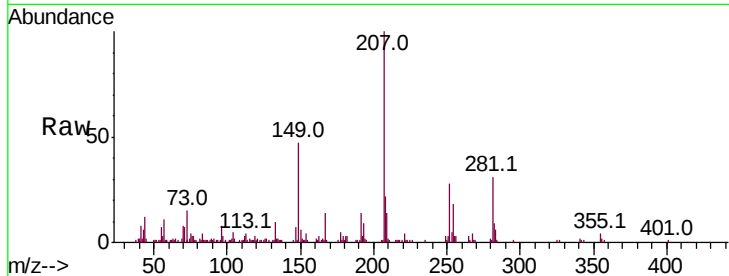
#82  
 3,3'-Dichlorobenzidine  
 Concen: 1.022 ng  
 RT: 21.19 min Scan# 3094  
 Delta R.T. 0.00 min  
 Lab File: BM017173.D  
 Acq: 18 Oct 2018 00:11

Instrument :  
 BNA\_M  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT4-2018

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 64.6  | 52.1  | 78.1  |
| 126     | 8.3   | 8.6   | 12.8  |

Manual Integrations  
 APPROVED

Sohil  
 10/18/2018 5:33:28 PM



#87  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.47 min Scan# 3482  
 Delta R.T. -0.01 min  
 Lab File: BM017173.D  
 Acq: 18 Oct 2018 00:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 22.5  | 18.6  | 27.8  |
| 265     | 22.5  | 17.8  | 26.8  |

