

#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.38 min Scan# 1069

Delta R.T. -0.00 min

Lab File: BP001000.D

Acq: 07 Nov 2019 12:37

Instrument :

BNA\_P

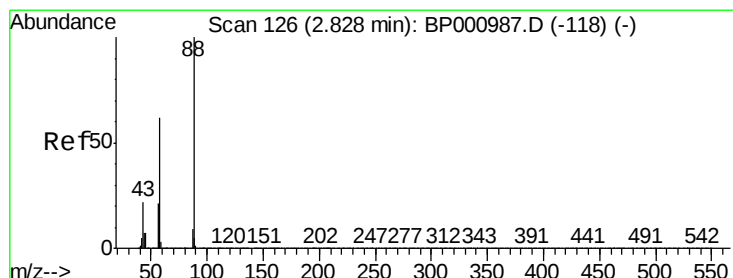
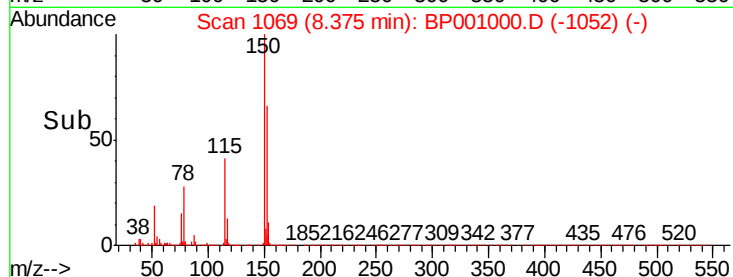
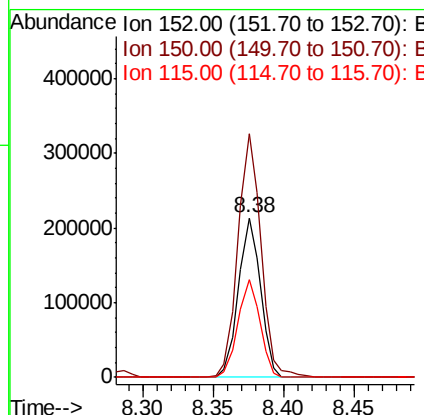
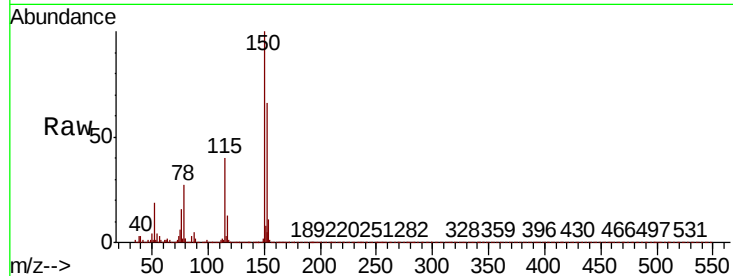
ClientSampleId :

LOD-MDL-WATER-01-QT4-2019

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 152   | Resp: | 232519 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 150       | 152.5 | 123.6 | 185.4  |
| 115       | 61.3  | 50.1  | 75.1   |

Manual Integrations  
APPROVED

Sohil  
11/8/2019 3:33:48 PM



#2

1,4-Dioxane

Concen: 4.663 ng

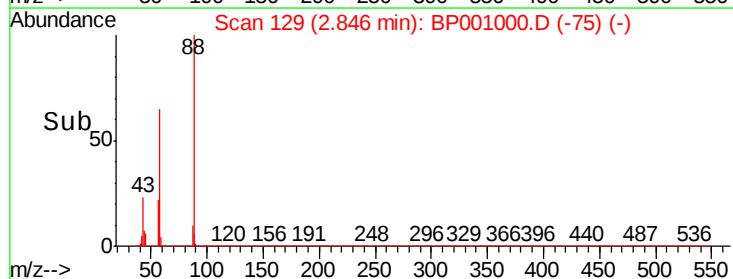
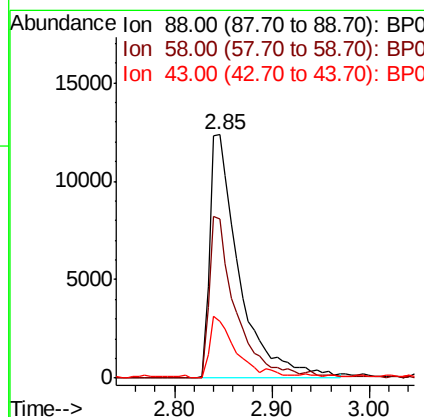
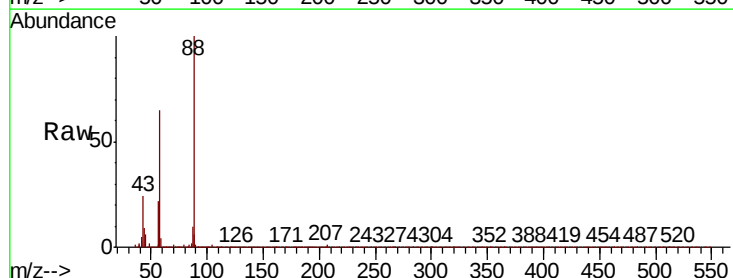
RT: 2.85 min Scan# 129

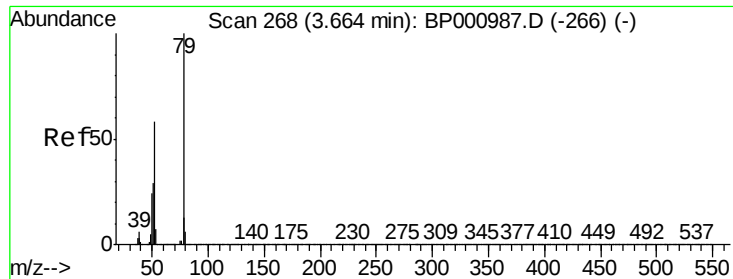
Delta R.T. 0.02 min

Lab File: BP001000.D

Acq: 07 Nov 2019 12:37

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 88    | Resp: | 25900 |
| Ion Ratio | Lower | Upper |       |
| 88        | 100   |       |       |
| 58        | 58.2  | 49.8  | 74.8  |
| 43        | 20.3  | 17.6  | 26.4  |





#3

Pvridine

Concen: 3.895 ng

RT: 3.78 min Scan# 288

Delta R.T. 0.12 min

Lab File: BP001000.D

Acq: 07 Nov 2019 12:37

Instrument :

BNA\_P

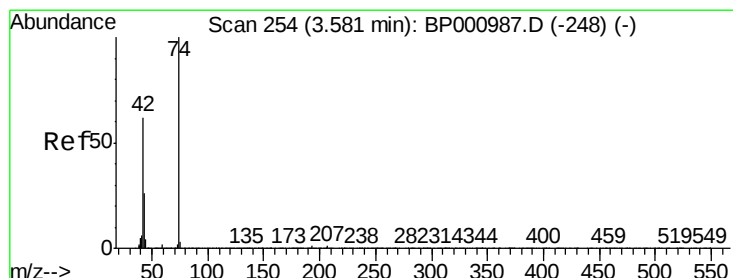
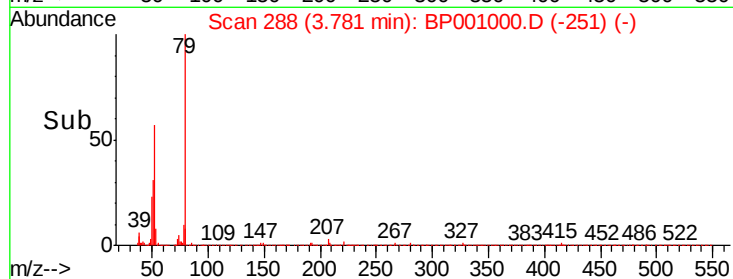
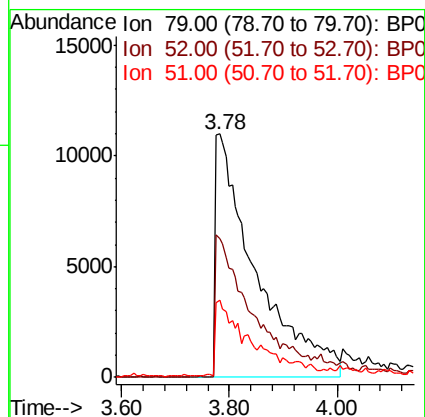
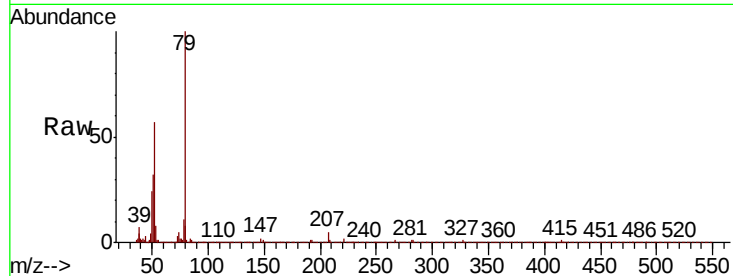
ClientSampleId :

LOD-MDL-WATER-01-QT4-2019

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 79    | Resp: | 57200 |
| Ion Ratio | Lower | Upper |       |
| 79        | 100   |       |       |
| 52        | 57.1  | 46.4  | 69.6  |
| 51        | 31.6  | 23.4  | 35.0  |

Manual Integrations  
APPROVED

Sohil  
11/8/2019 3:33:48 PM



#4

n-Nitrosodimethylamine

Concen: 4.163 ng

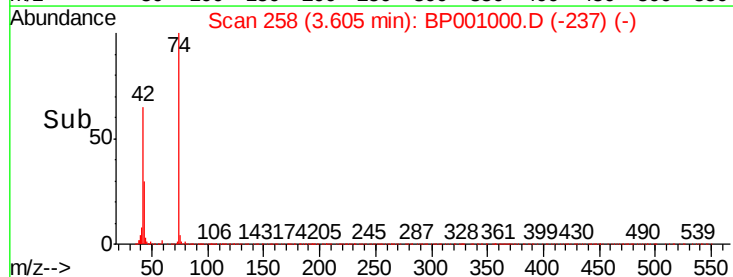
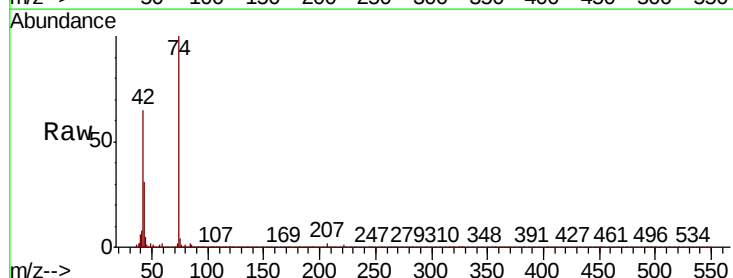
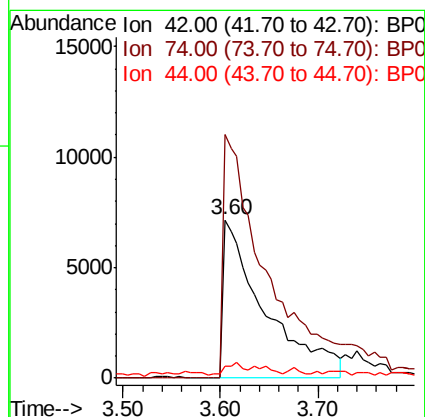
RT: 3.60 min Scan# 258

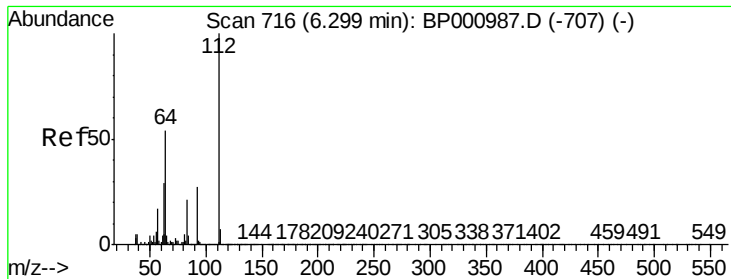
Delta R.T. 0.02 min

Lab File: BP001000.D

Acq: 07 Nov 2019 12:37

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 42    | Resp: | 21306 |
| Ion Ratio | Lower | Upper |       |
| 42        | 100   |       |       |
| 74        | 154.0 | 128.4 | 192.6 |
| 44        | 7.5   | 5.4   | 8.2   |





#5

2-Fluorophenol

Concen: 141.346 ng

RT: 6.30 min Scan# 717

Delta R.T. 0.01 min

Lab File: BP001000.D

Acq: 07 Nov 2019 12:37

Instrument :

BNA\_P

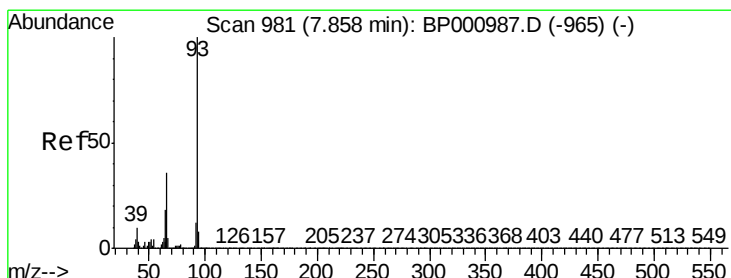
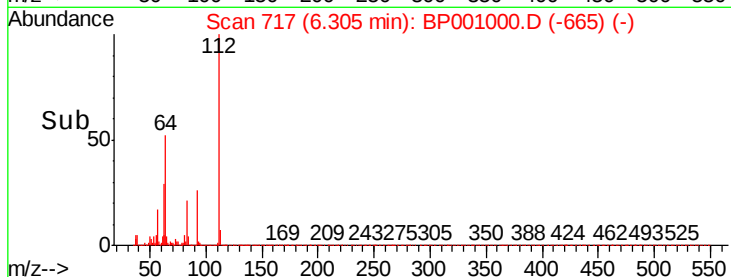
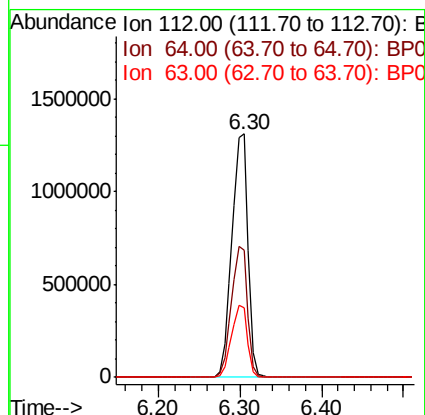
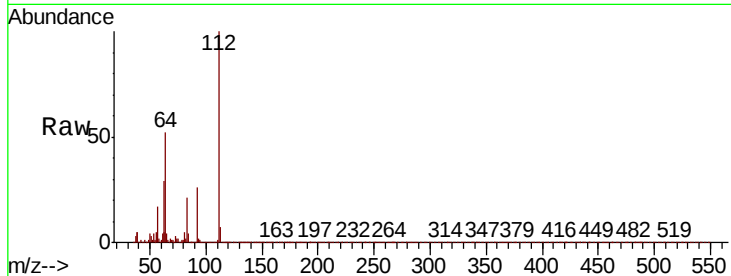
ClientSampleId :

LOD-MDL-WATER-01-QT4-2019

|           |       |       |         |
|-----------|-------|-------|---------|
| Tot Ion:  | 112   | Resp: | 1805634 |
| Ion Ratio | Lower | Upper |         |
| 112       | 100   |       |         |
| 64        | 52.2  | 43.4  | 65.0    |
| 63        | 28.6  | 23.4  | 35.0    |

Manual Integrations  
APPROVED

Sohil  
11/8/2019 3:33:48 PM



#6

Aniline

Concen: 5.325 ng

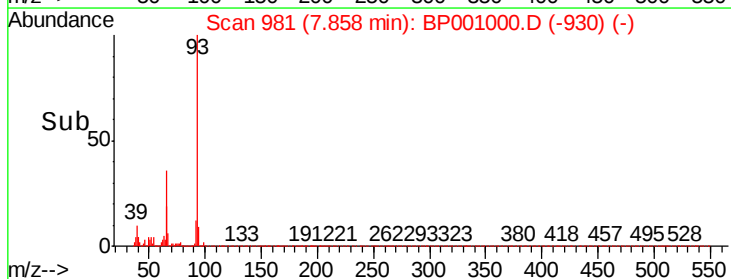
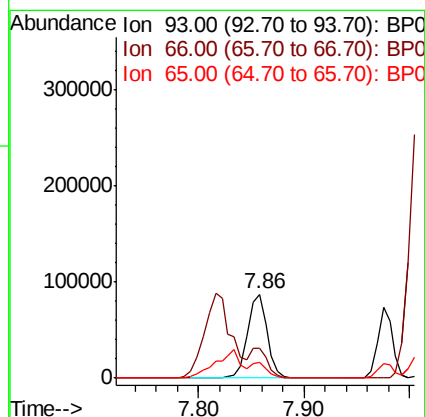
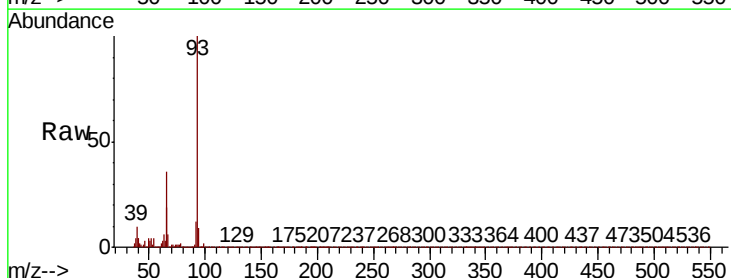
RT: 7.86 min Scan# 981

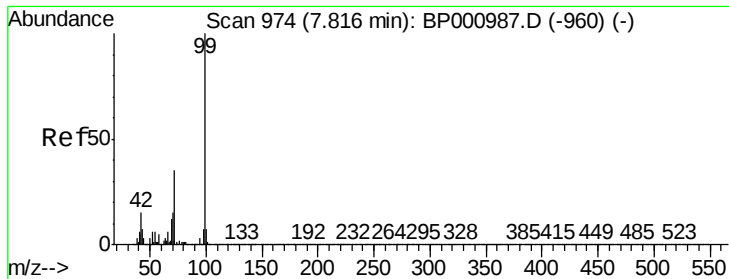
Delta R.T. -0.00 min

Lab File: BP001000.D

Acq: 07 Nov 2019 12:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 112352 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 36.3  | 29.1  | 43.7   |
| 65        | 18.8  | 14.6  | 21.8   |





#7

Phenol-d6

Concen: 140.474 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.00 min

Lab File: BP001000.D

Acq: 07 Nov 2019 12:37

Instrument :

BNA\_P

ClientSampleId :

LOD-MDL-WATER-01-QT4-2019

Tot Ion: 99 Resp: 2269243

Ion Ratio Lower Upper

99 100

42 15.3 11.6 17.4

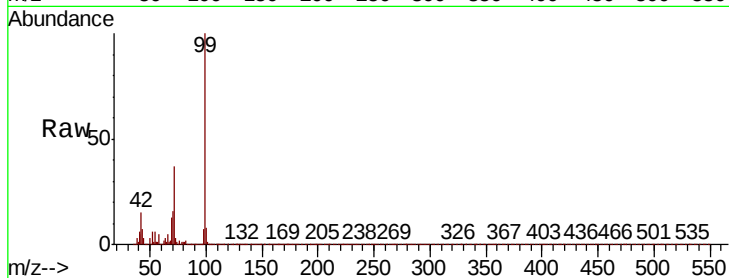
71 37.2 28.0 42.0

Manual Integrations

APPROVED

Sohil

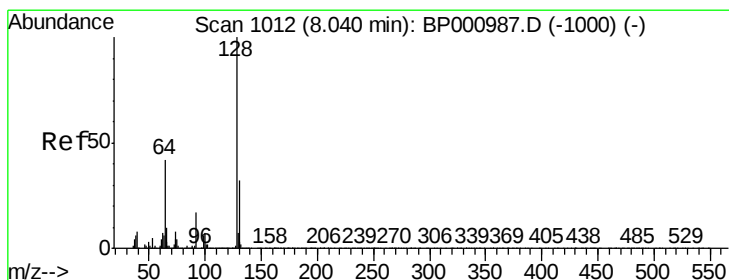
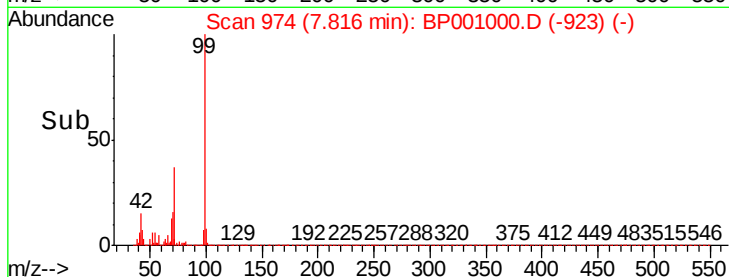
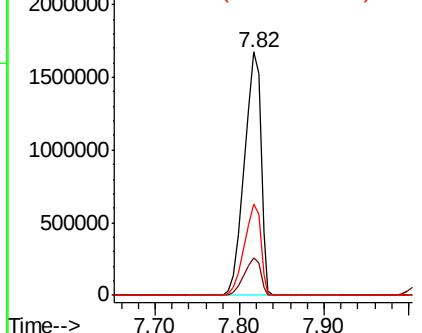
11/8/2019 3:33:48 PM



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#8

2-Chlorophenol

Concen: 5.376 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BP001000.D

Acq: 07 Nov 2019 12:37

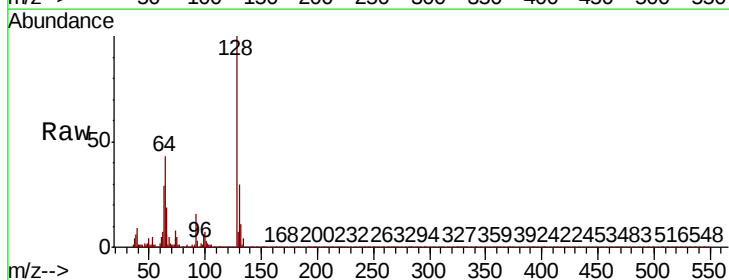
Tgt Ion:128 Resp: 72831

Ion Ratio Lower Upper

128 100

130 30.4 12.0 52.0

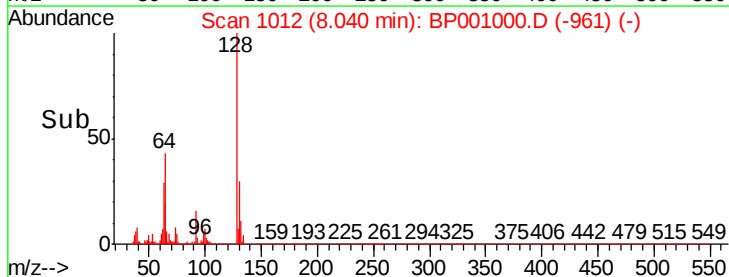
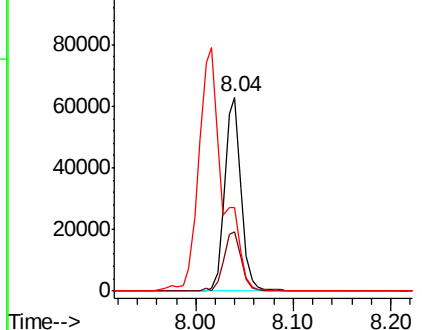
64 43.0 22.7 62.7

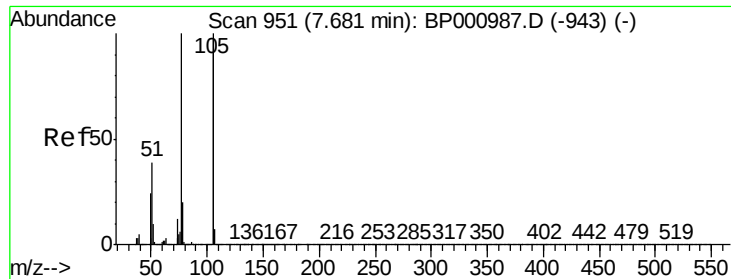


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 5.513 ng

RT: 7.68 min Scan# 951

Delta R.T. -0.00 min

Lab File: BP001000.D

Acq: 07 Nov 2019 12:37

Instrument :

BNA\_P

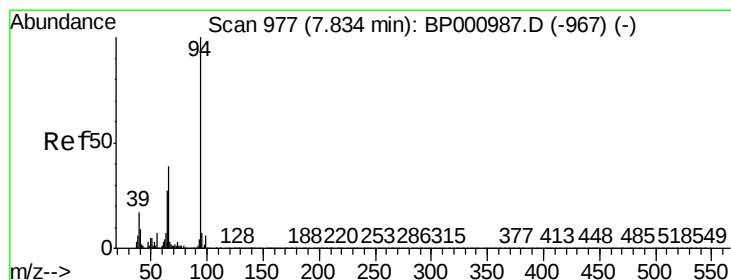
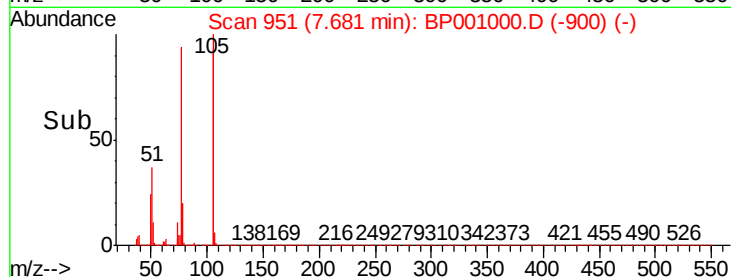
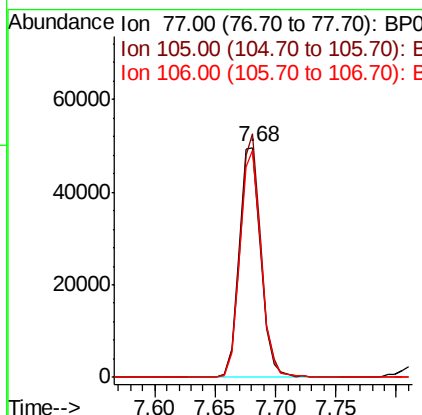
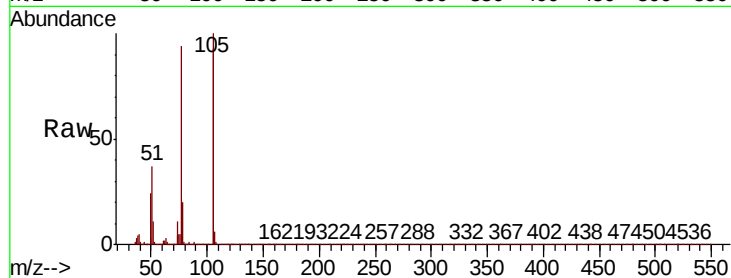
ClientSampleId :

LOD-MDL-WATER-01-QT4-2019

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 77    | Resp: | 62143 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 106.0 | 80.0  | 120.0 |
| 106      | 99.0  | 76.9  | 116.9 |

Manual Integrations  
APPROVED

Sohil  
11/8/2019 3:33:48 PM



#10

Phenol

Concen: 4.994 ng m

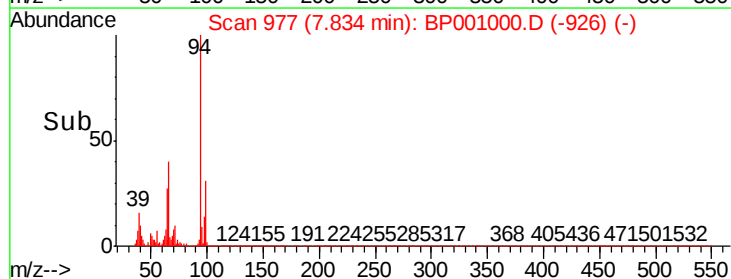
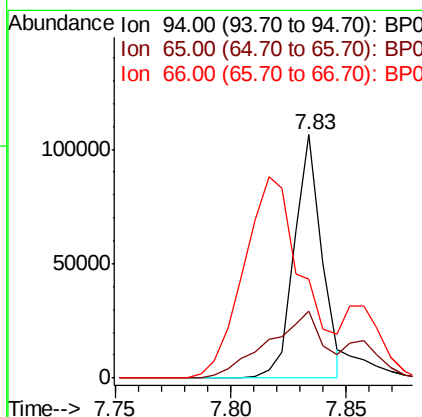
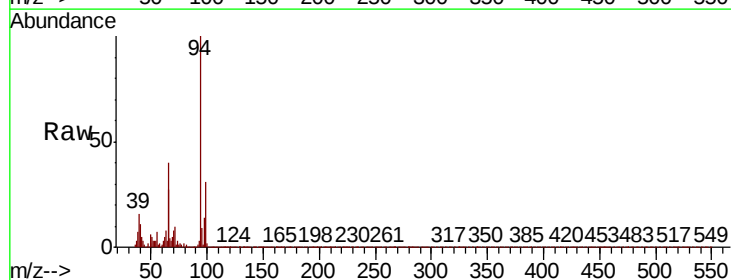
RT: 7.83 min Scan# 977

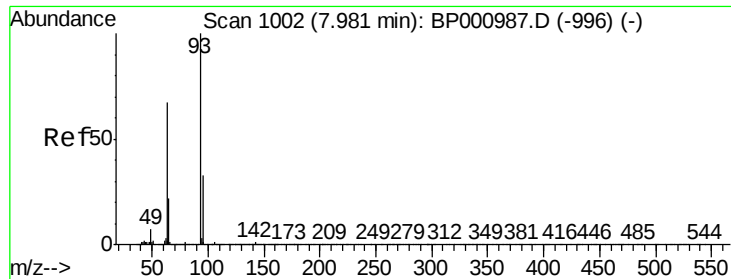
Delta R.T. -0.00 min

Lab File: BP001000.D

Acq: 07 Nov 2019 12:37

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 94    | Resp: | 88239 |
| Ion      | Ratio | Lower | Upper |
| 94       | 100   |       |       |
| 65       | 27.5  | 6.7   | 46.7  |
| 66       | 40.4  | 18.6  | 58.6  |





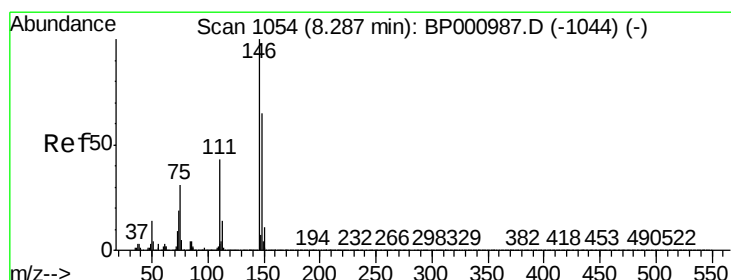
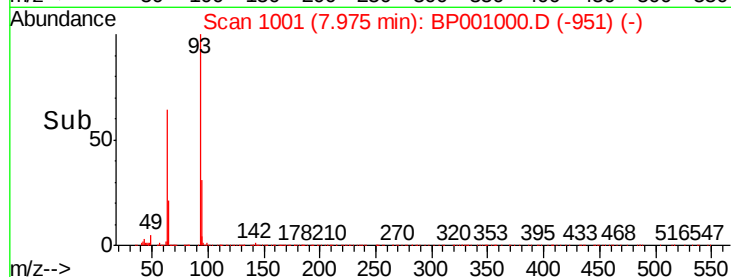
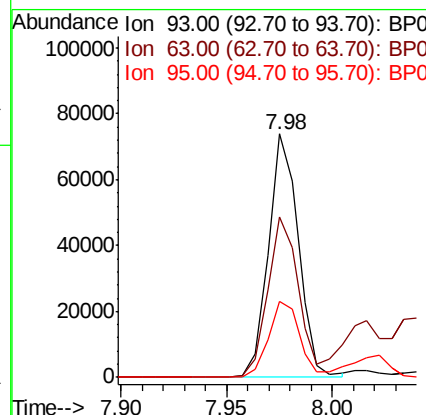
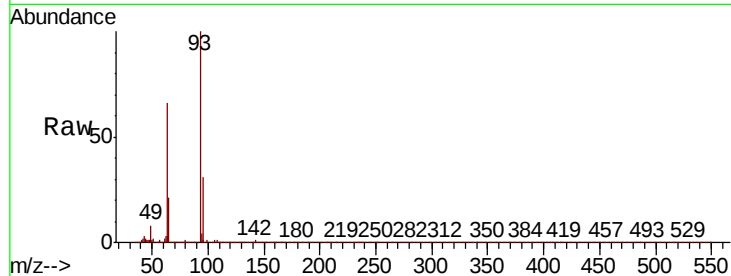
#11  
bis(2-Chloroethyl)ether  
Concen: 5.302 ng  
RT: 7.98 min Scan# 1001  
Delta R.T. -0.01 min  
Lab File: BP001000.D  
Acq: 07 Nov 2019 12:37

Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2019

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 65.8  | 47.4  | 87.4  |
| 95      | 31.1  | 12.6  | 52.6  |

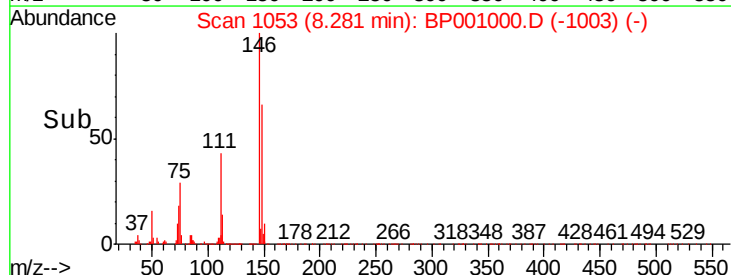
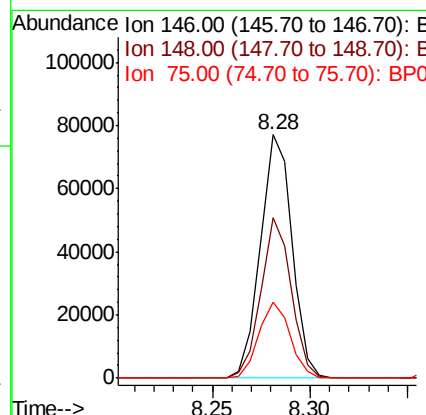
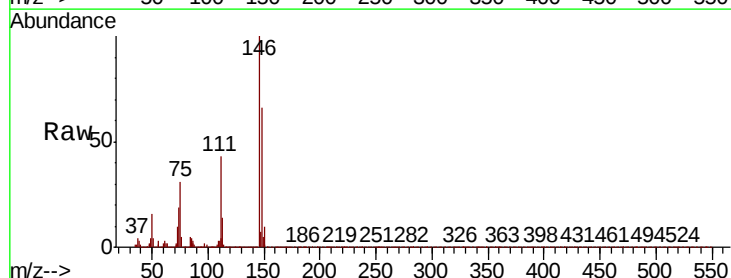
Manual Integrations  
APPROVED

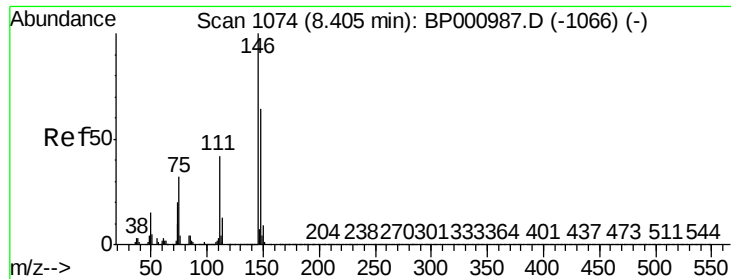
Sohil  
11/8/2019 3:33:48 PM



#12  
1,3-Dichlorobenzene  
Concen: 5.092 ng  
RT: 8.28 min Scan# 1053  
Delta R.T. -0.01 min  
Lab File: BP001000.D  
Acq: 07 Nov 2019 12:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.8  | 52.3  | 78.5  |
| 75      | 31.2  | 24.6  | 37.0  |





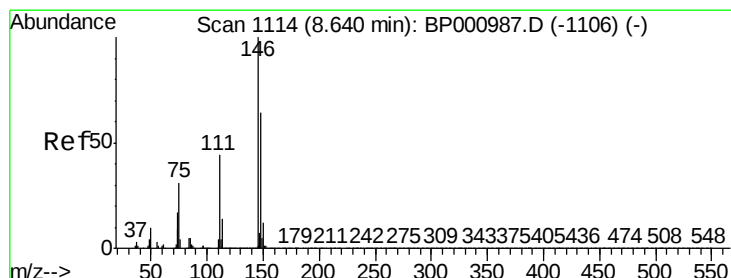
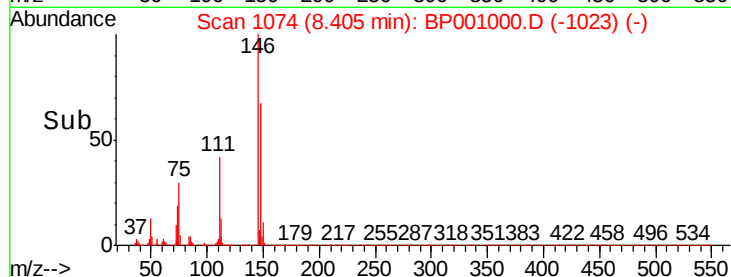
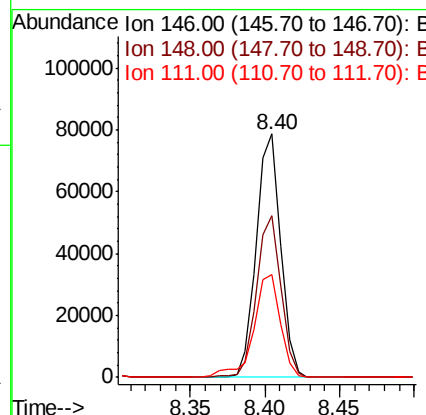
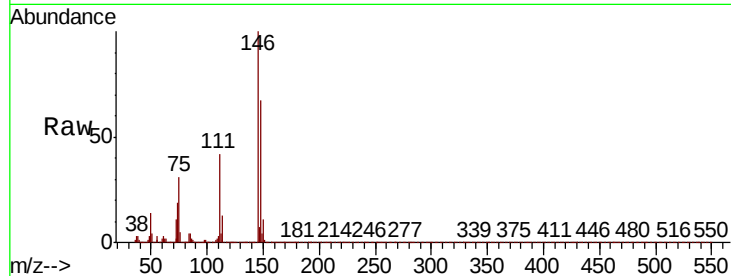
#13  
 1,4-Dichlorobenzene  
 Concen: 5.133 ng  
 RT: 8.40 min Scan# 1074  
 Delta R.T. -0.00 min  
 Lab File: BP001000.D  
 Acq: 07 Nov 2019 12:37

Instrument :  
 BNA\_P  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT4-2019

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 66.6  | 51.5  | 77.3  |
| 111     | 42.2  | 33.8  | 50.6  |

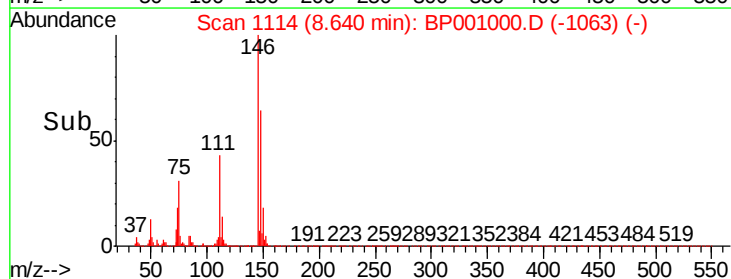
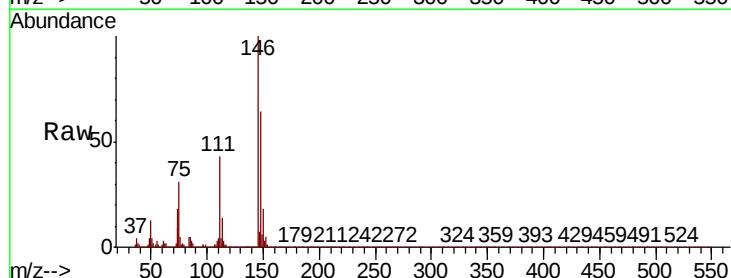
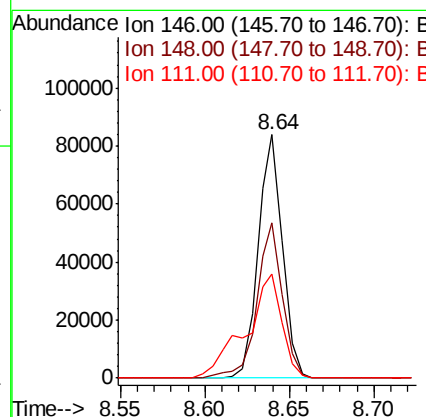
Manual Integrations  
 APPROVED

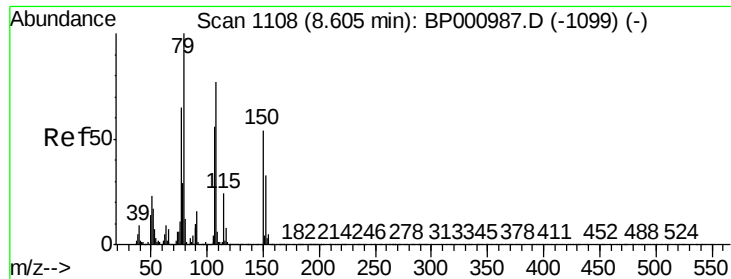
Sohil  
 11/8/2019 3:33:48 PM



#14  
 1,2-Dichlorobenzene  
 Concen: 5.282 ng  
 RT: 8.64 min Scan# 1114  
 Delta R.T. -0.00 min  
 Lab File: BP001000.D  
 Acq: 07 Nov 2019 12:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.7  | 51.4  | 77.0  |
| 111     | 42.9  | 35.6  | 53.4  |





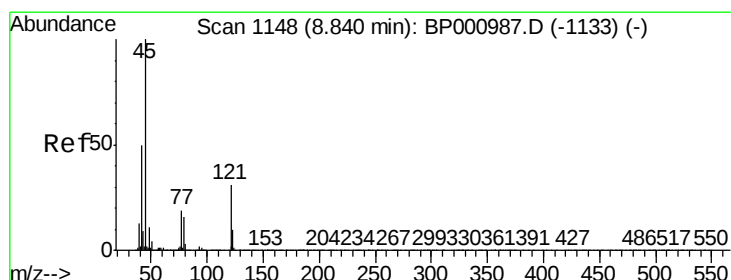
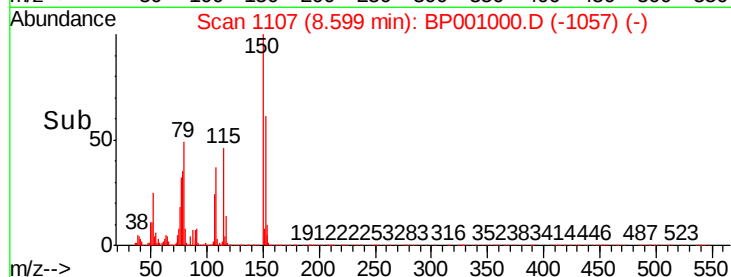
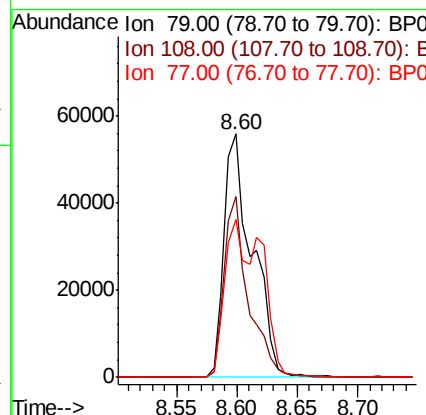
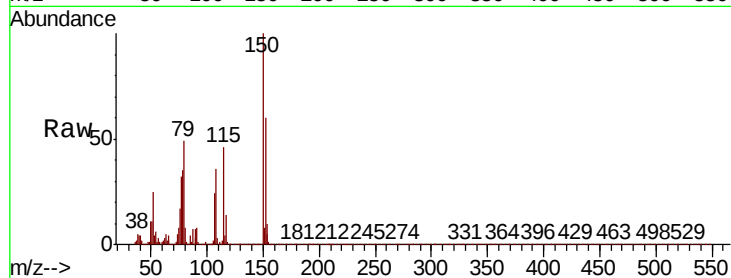
#15  
Benzyl Alcohol  
Concen: 7.362 ng  
RT: 8.60 min Scan# 1107  
Delta R.T. -0.01 min  
Lab File: BP001000.D  
Acq: 07 Nov 2019 12:37

Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2019

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 74.2  | 62.0  | 93.0  |
| 77      | 65.0  | 51.9  | 77.9  |

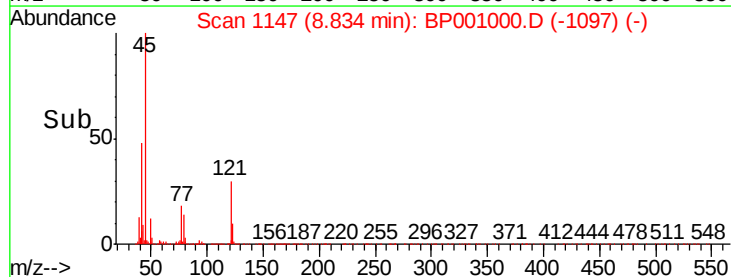
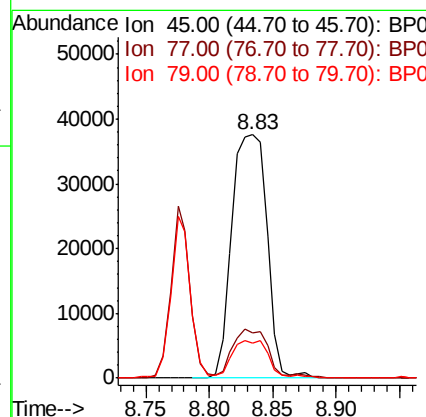
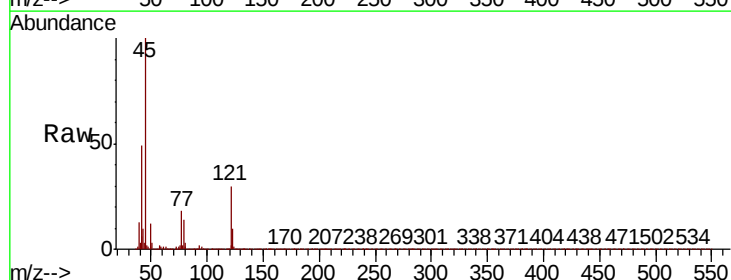
Manual Integrations  
APPROVED

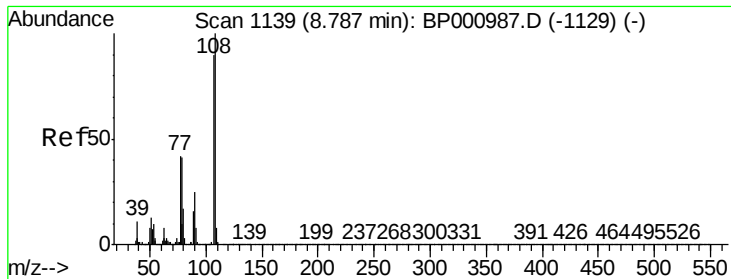
Sohil  
11/8/2019 3:33:48 PM



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 5.015 ng  
RT: 8.83 min Scan# 1147  
Delta R.T. -0.01 min  
Lab File: BP001000.D  
Acq: 07 Nov 2019 12:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 18.5  | 0.0   | 39.1  |
| 79      | 14.5  | 0.0   | 35.9  |





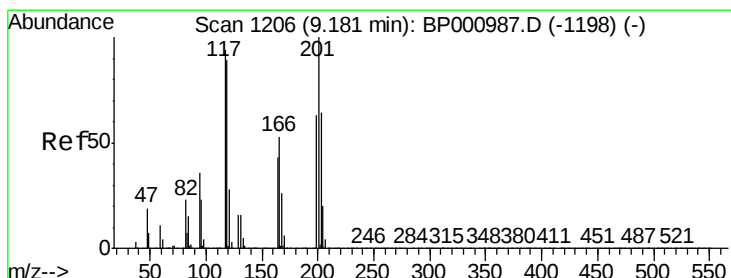
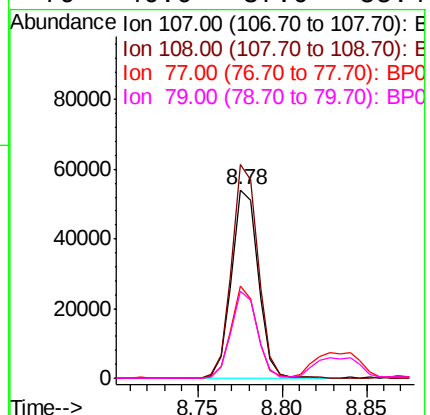
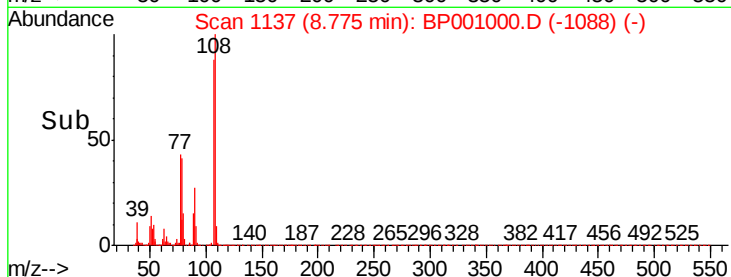
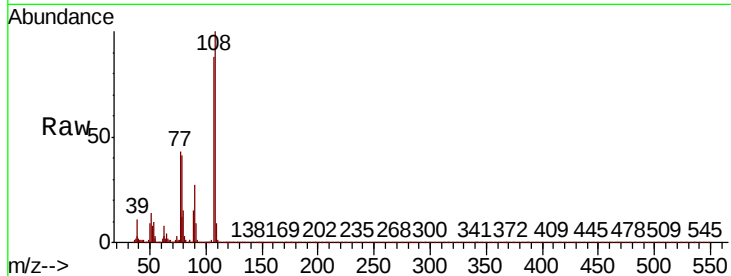
#17  
2-Methylphenol  
Concen: 5.181 ng  
RT: 8.78 min Scan# 1137  
Delta R.T. -0.01 min  
Lab File: BP001000.D  
Acq: 07 Nov 2019 12:37

Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2019

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 113.3 | 89.3 | 133.9 |       |
| 77      | 49.2  | 37.2 | 55.8  |       |
| 79      | 46.0  | 37.0 | 55.4  |       |

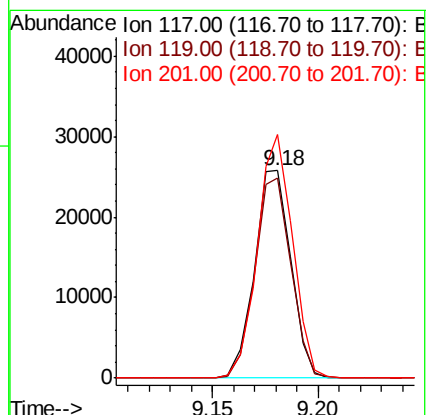
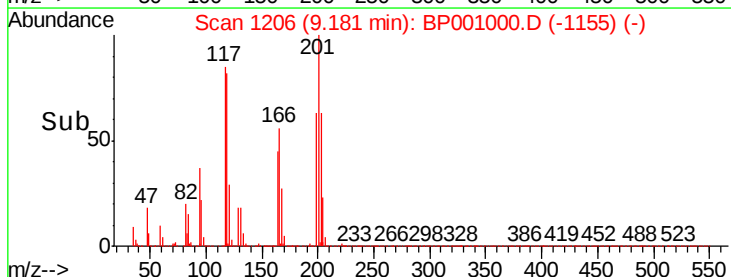
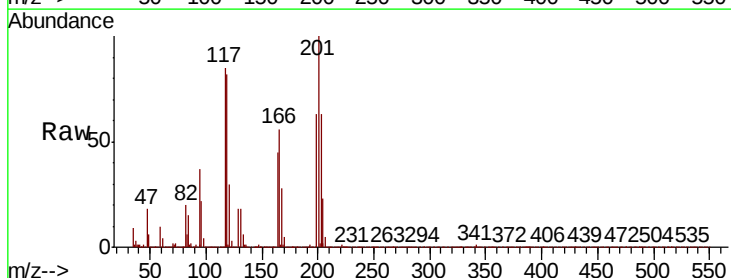
Manual Integrations  
APPROVED

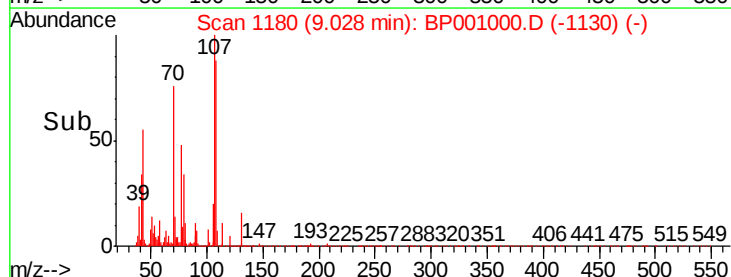
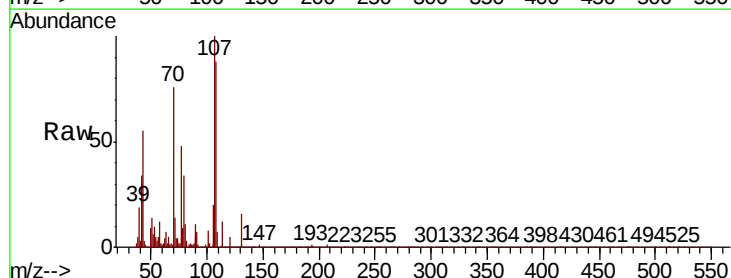
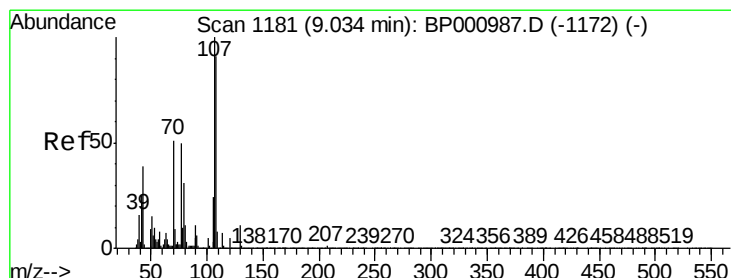
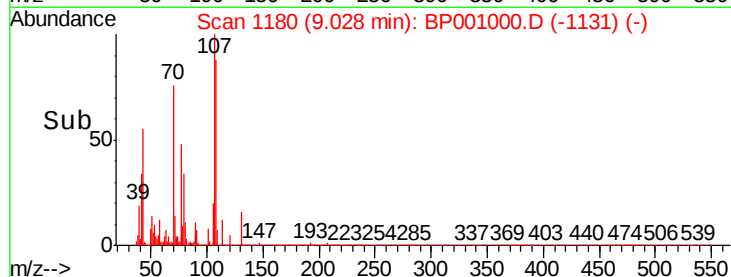
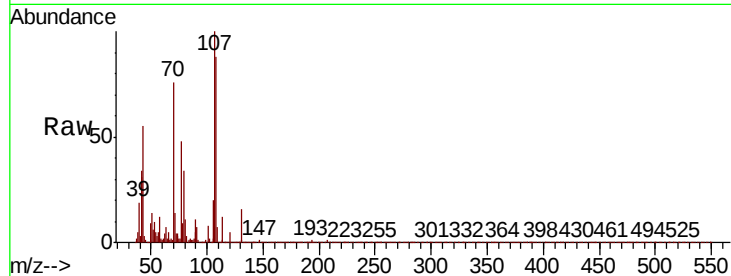
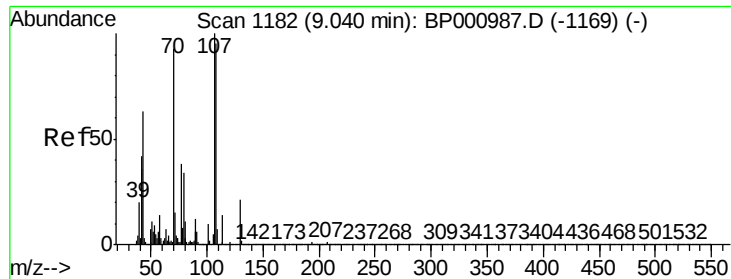
Sohil  
11/8/2019 3:33:48 PM



#18  
Hexachloroethane  
Concen: 4.929 ng  
RT: 9.18 min Scan# 1206  
Delta R.T. -0.00 min  
Lab File: BP001000.D  
Acq: 07 Nov 2019 12:37

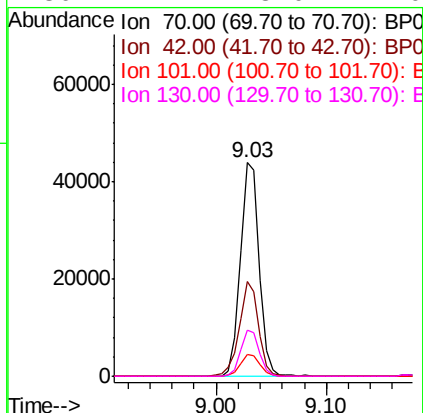
| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 96.1  | 75.5 | 113.3 |       |
| 201     | 117.2 | 84.9 | 127.3 |       |





#19  
n-Nitroso-di-n-propylamine  
Concen: 5.405 ng  
RT: 9.03 min Scan# 1180  
Delta R.T. -0.01 min  
Lab File: BP001000.D  
Acq: 07 Nov 2019 12:37

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 70      | 100  |       |      |       |       |
| 42      | 44.6 | 36.3  | 54.5 |       |       |
| 101     | 10.3 | 8.7   | 13.1 |       |       |
| 130     | 21.4 | 18.0  | 27.0 |       |       |



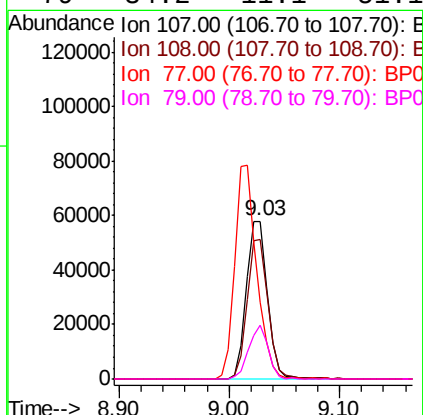
Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2019

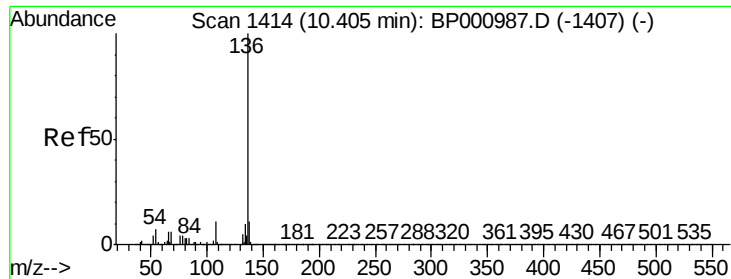
Manual Integrations  
APPROVED

Sohil  
11/8/2019 3:33:48 PM

#20  
3+4-Methylphenols  
Concen: 5.489 ng  
RT: 9.03 min Scan# 1180  
Delta R.T. -0.01 min  
Lab File: BP001000.D  
Acq: 07 Nov 2019 12:37

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 107     | 100  |       |       |       |       |
| 108     | 88.0 | 71.1  | 111.1 |       |       |
| 77      | 48.2 | 29.8  | 69.8  |       |       |
| 79      | 34.2 | 11.1  | 51.1  |       |       |





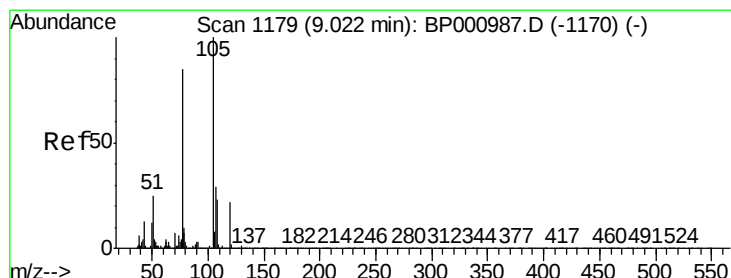
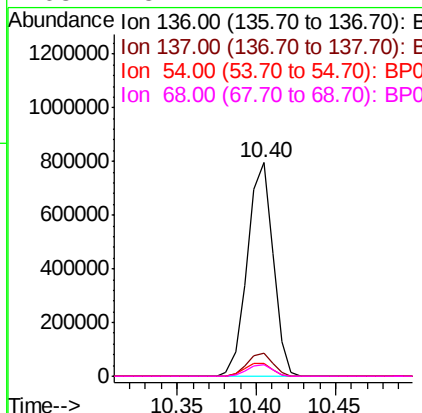
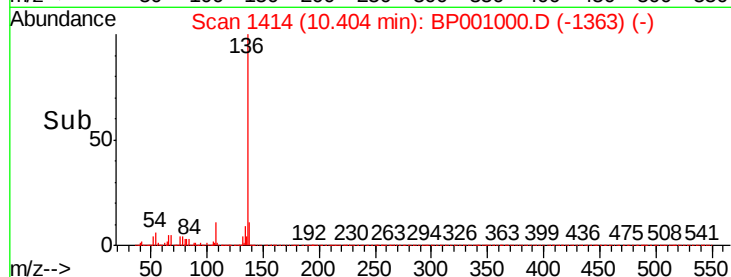
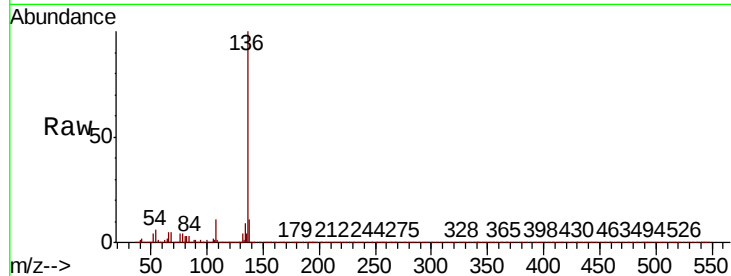
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.40 min Scan# 1414  
Delta R.T. -0.00 min  
Lab File: BP001000.D  
Acq: 07 Nov 2019 12:37

Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2019

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 136     | 100   |      |       |       |
| 137     | 10.7  | 9.0  | 13.6  |       |
| 54      | 6.1   | 5.4  | 8.2   |       |
| 68      | 5.1   | 4.7  | 7.1   |       |

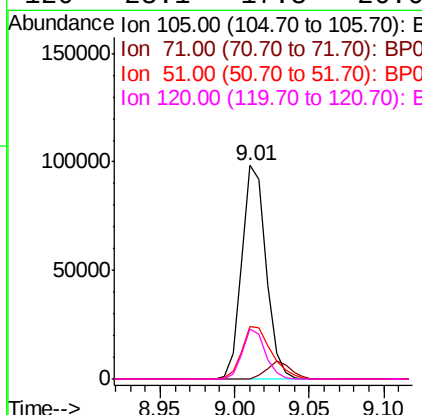
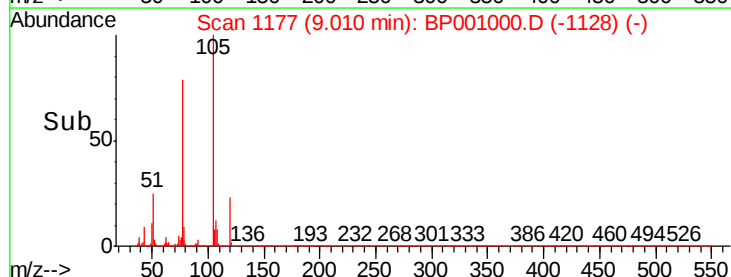
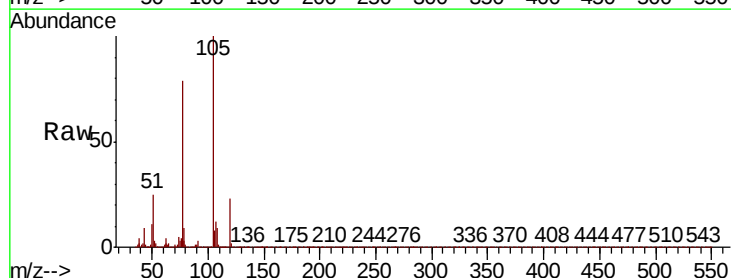
Manual Integrations  
APPROVED

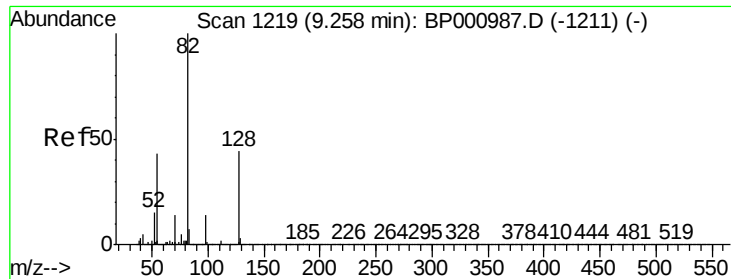
Sohil  
11/8/2019 3:33:48 PM



#22  
Acetophenone  
Concen: 4.764 ng  
RT: 9.01 min Scan# 1177  
Delta R.T. -0.01 min  
Lab File: BP001000.D  
Acq: 07 Nov 2019 12:37

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 105     | 100   |      |       |       |
| 71      | 0.3   | 1.0  | 1.4#  |       |
| 51      | 24.7  | 19.9 | 29.9  |       |
| 120     | 23.1  | 17.8 | 26.6  |       |





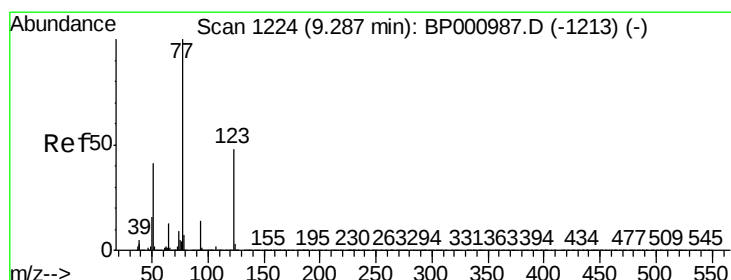
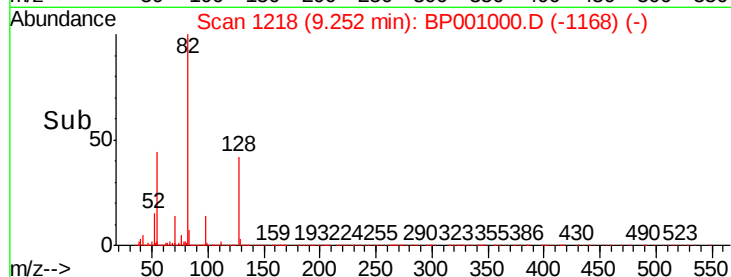
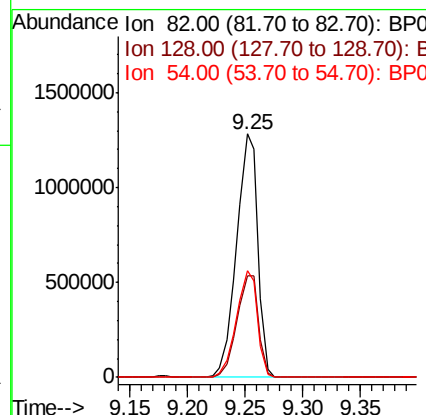
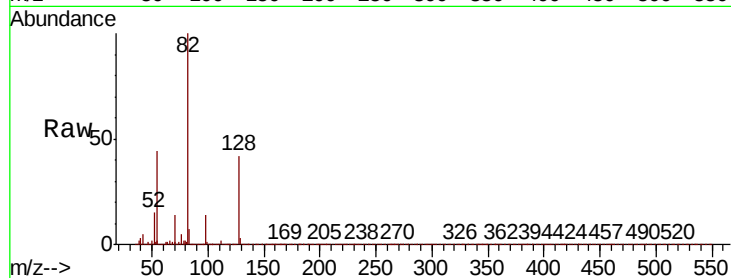
#23  
 Nitrobenzene-d5  
 Concen: 100.748 ng  
 RT: 9.25 min Scan# 1218  
 Delta R.T. -0.01 min  
 Lab File: BP001000.D  
 Acq: 07 Nov 2019 12:37

Instrument :  
 BNA\_P  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT4-2019

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 41.8  | 35.3  | 52.9  |
| 54      | 43.6  | 34.3  | 51.5  |

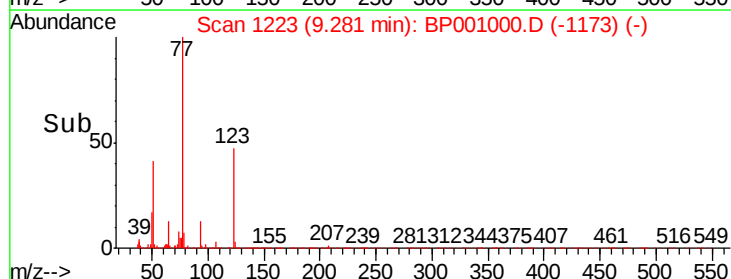
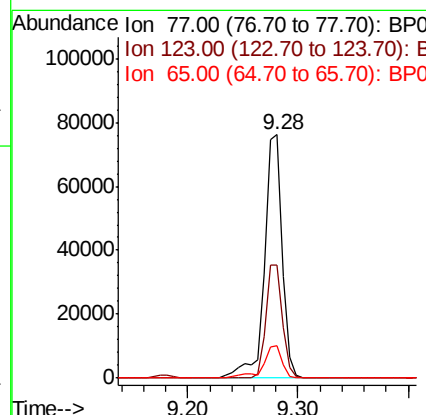
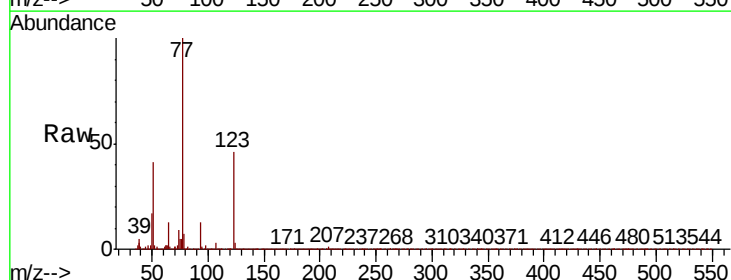
Manual Integrations  
 APPROVED

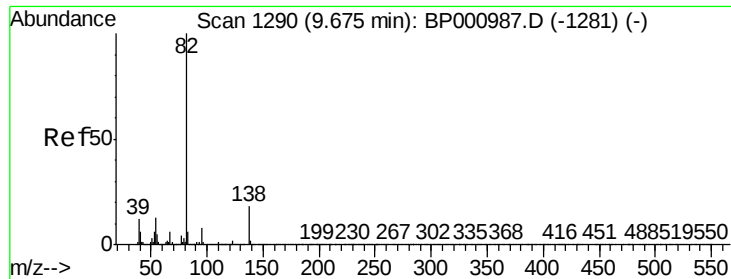
Sohil  
 11/8/2019 3:33:48 PM



#24  
 Nitrobenzene  
 Concen: 5.278 ng  
 RT: 9.28 min Scan# 1223  
 Delta R.T. -0.01 min  
 Lab File: BP001000.D  
 Acq: 07 Nov 2019 12:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 46.5  | 38.1  | 57.1  |
| 65      | 13.1  | 10.2  | 15.2  |





#25

Isophorone

Concen: 4.878 ng

RT: 9.67 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BP001000.D

Acq: 07 Nov 2019 12:37

Instrument :

BNA\_P

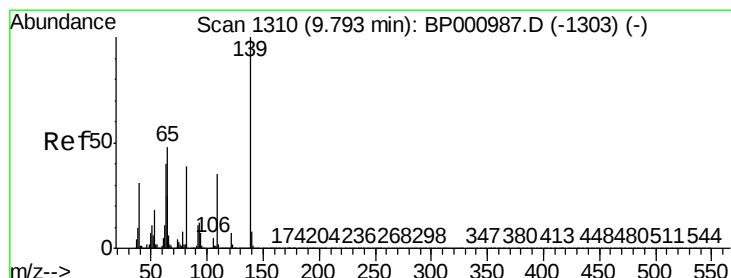
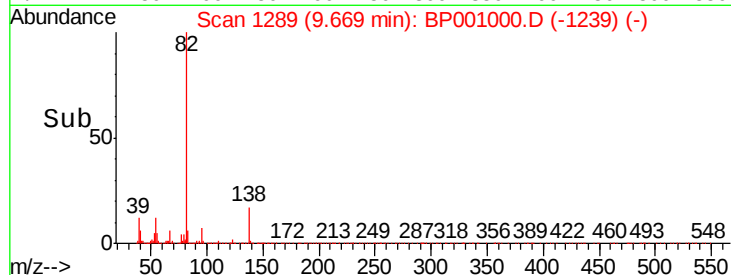
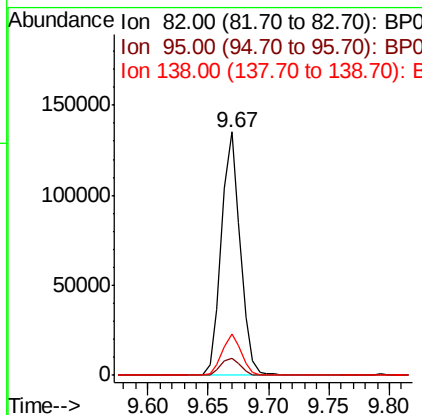
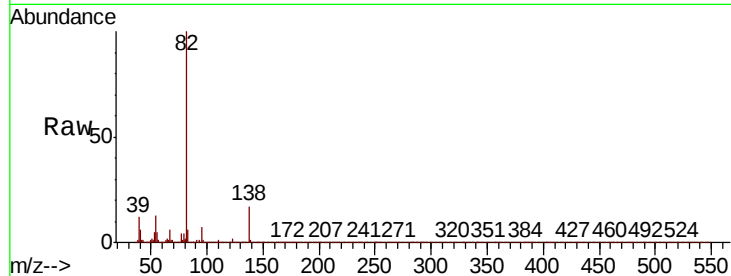
ClientSampleId :

LOD-MDL-WATER-01-QT4-2019

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 145588 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 7.2   | 6.2   | 9.4    |
| 138       | 17.2  | 14.2  | 21.4   |

Manual Integrations  
APPROVED

Sohil  
11/8/2019 3:33:48 PM



#26

2-Nitrophenol

Concen: 3.699 ng

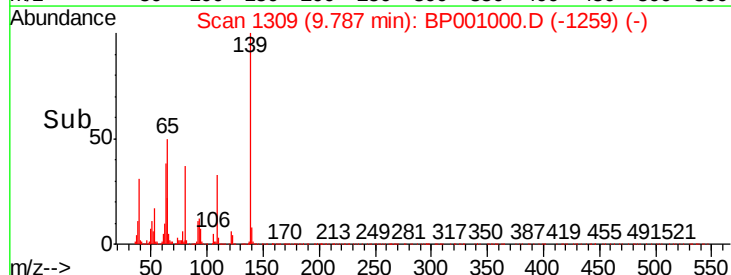
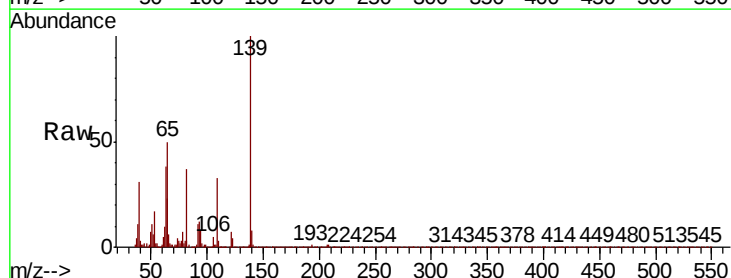
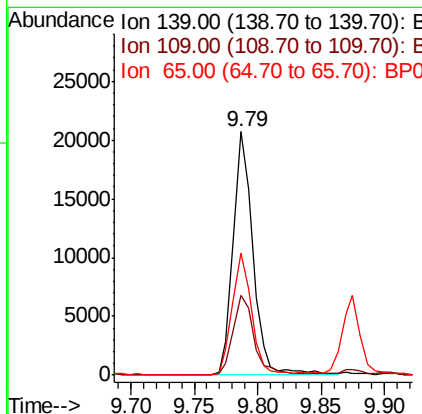
RT: 9.79 min Scan# 1309

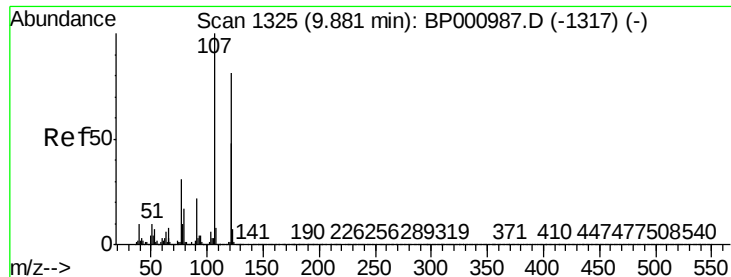
Delta R.T. -0.01 min

Lab File: BP001000.D

Acq: 07 Nov 2019 12:37

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 22492 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 33.0  | 27.7  | 41.5  |
| 65        | 50.3  | 38.2  | 57.4  |





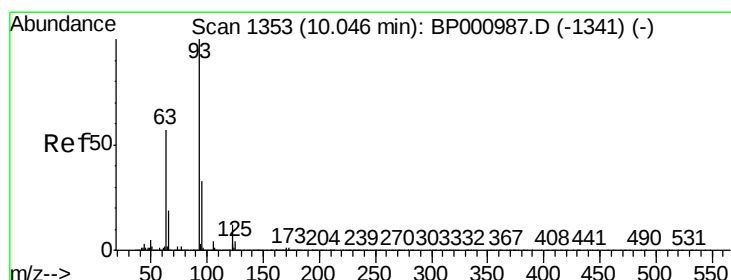
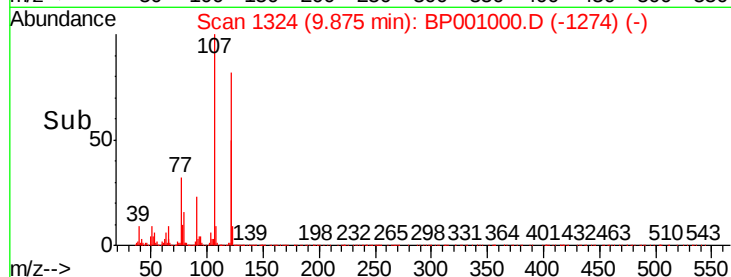
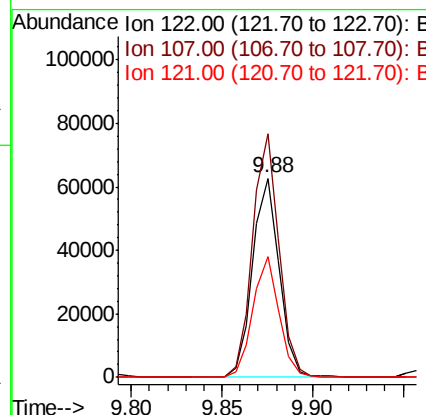
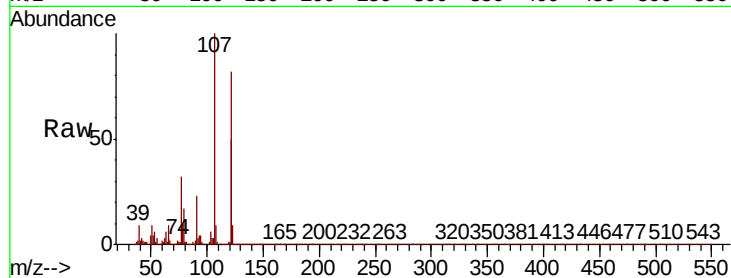
#27  
2,4-Dimethylphenol  
Concen: 5.623 ng  
RT: 9.88 min Scan# 1324  
Delta R.T. -0.01 min  
Lab File: BP001000.D  
Acq: 07 Nov 2019 12:37

Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2019

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 122.2 | 99.3  | 148.9 |
| 121     | 60.5  | 47.9  | 71.9  |

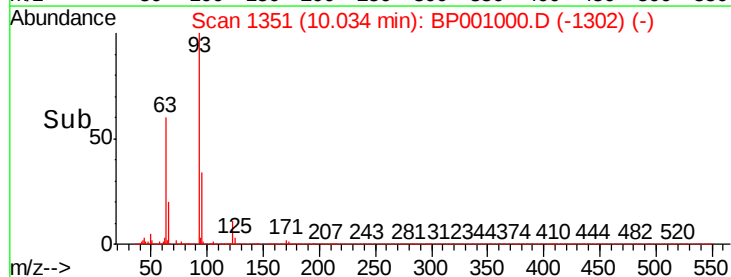
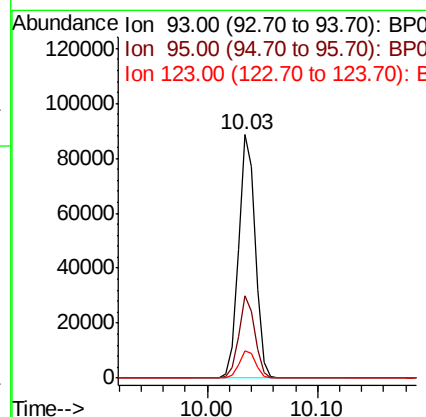
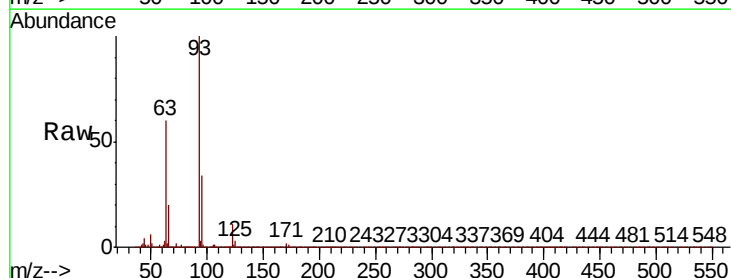
Manual Integrations  
APPROVED

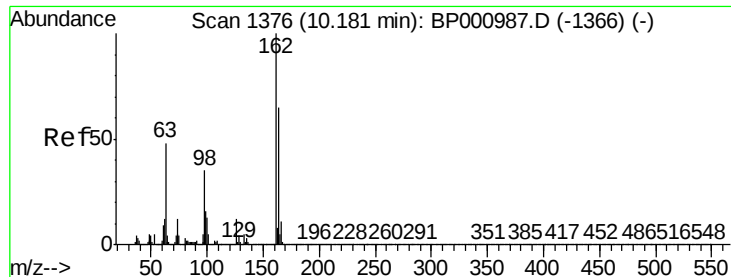
Sohil  
11/8/2019 3:33:48 PM



#28  
bis(2-Chloroethoxy)methane  
Concen: 4.793 ng  
RT: 10.03 min Scan# 1351  
Delta R.T. -0.01 min  
Lab File: BP001000.D  
Acq: 07 Nov 2019 12:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.9  | 26.1  | 39.1  |
| 123     | 11.4  | 9.6   | 14.4  |





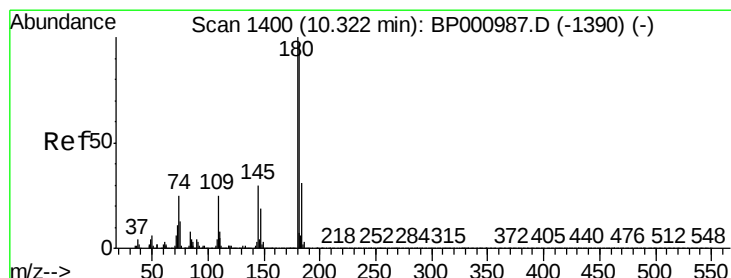
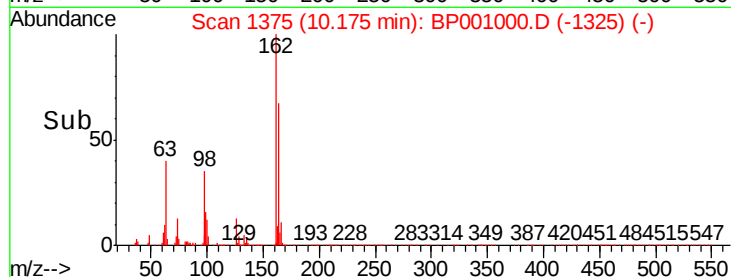
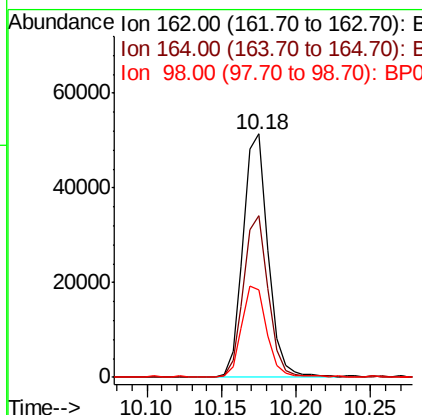
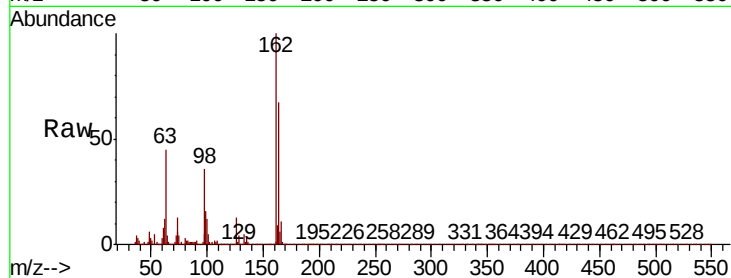
#29  
2,4-Dichlorophenol  
Concen: 4.360 ng  
RT: 10.18 min Scan# 1375  
Delta R.T. -0.01 min  
Lab File: BP001000.D  
Acq: 07 Nov 2019 12:37

Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2019

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 66.6  | 44.5  | 84.5  |
| 98      | 35.7  | 15.2  | 55.2  |

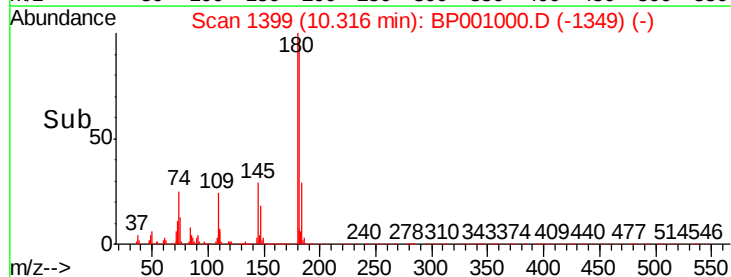
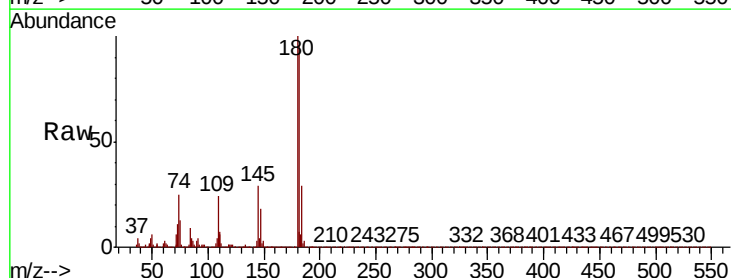
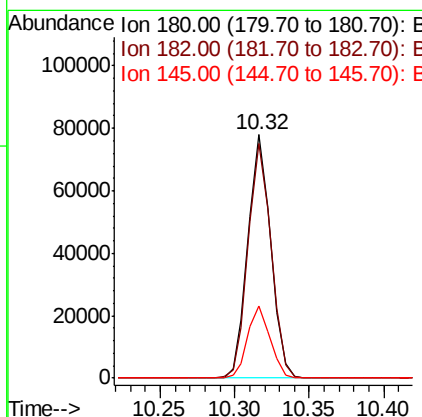
Manual Integrations  
APPROVED

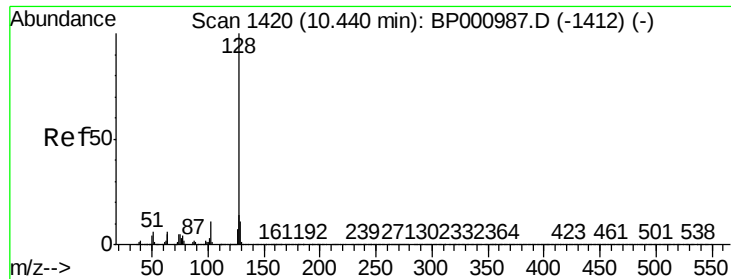
Sohil  
11/8/2019 3:33:48 PM



#30  
1,2,4-Trichlorobenzene  
Concen: 4.867 ng  
RT: 10.32 min Scan# 1399  
Delta R.T. -0.01 min  
Lab File: BP001000.D  
Acq: 07 Nov 2019 12:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.4  | 77.8  | 116.6 |
| 145     | 29.4  | 24.2  | 36.4  |





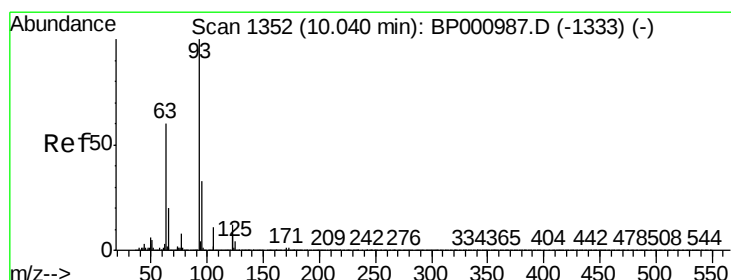
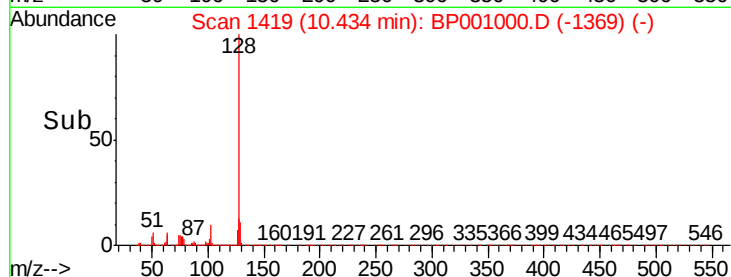
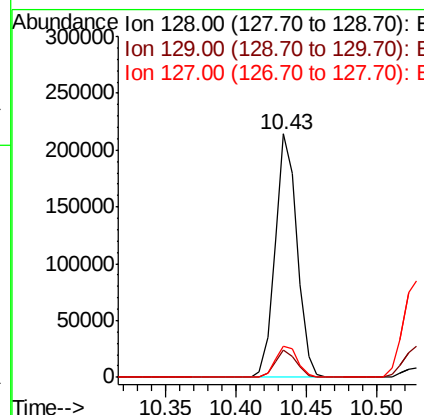
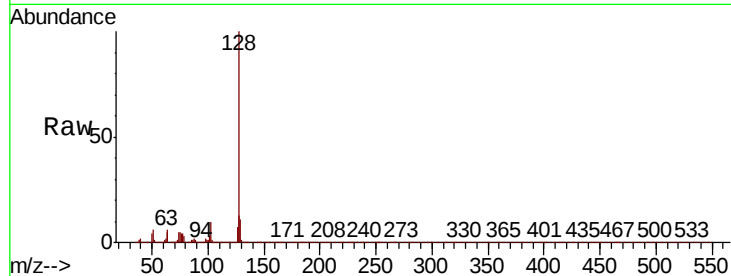
#31  
Naphthalene  
Concen: 5.186 ng  
RT: 10.43 min Scan# 1419  
Delta R.T. -0.01 min  
Lab File: BP001000.D  
Acq: 07 Nov 2019 12:37

Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2019

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 232415 |       |       |
| 129     | 11.3  | 8.7    | 13.1  |       |
| 127     | 13.0  | 10.8   | 16.2  |       |

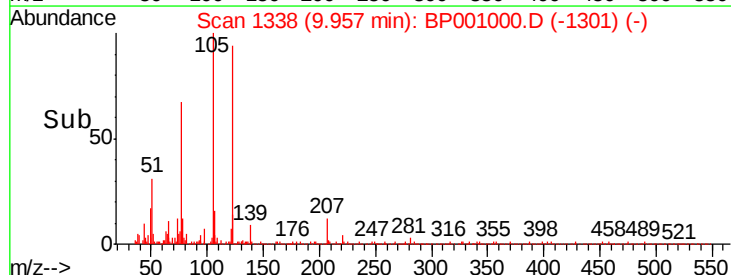
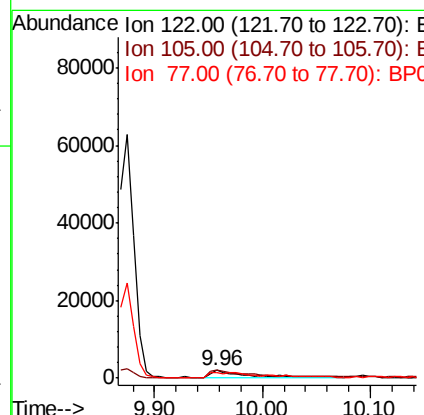
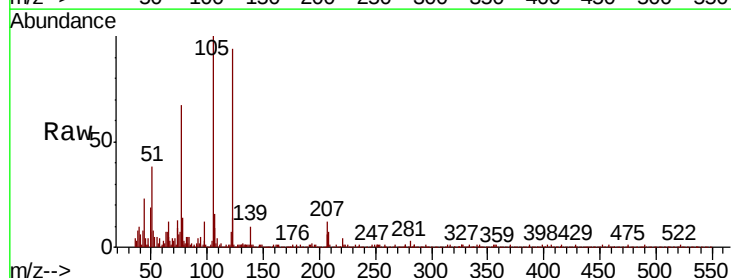
Manual Integrations  
APPROVED

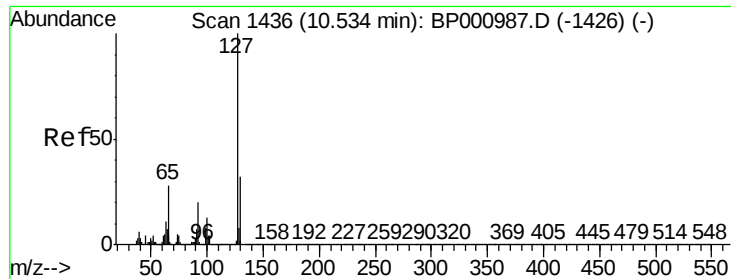
Sohil  
11/8/2019 3:33:48 PM



#32  
Benzoic acid  
Concen: 0.903 ng m  
RT: 9.96 min Scan# 1338  
Delta R.T. -0.08 min  
Lab File: BP001000.D  
Acq: 07 Nov 2019 12:37

| Tgt Ion | Ratio | Resp  | Lower  | Upper |
|---------|-------|-------|--------|-------|
| 122     | 100   | 5564  |        |       |
| 105     | 106.3 | 110.5 | 150.5# |       |
| 77      | 71.5  | 77.9  | 117.9# |       |





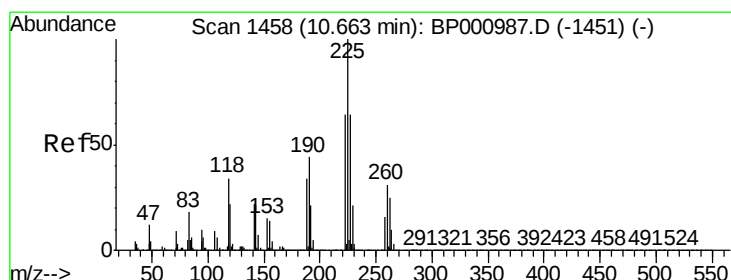
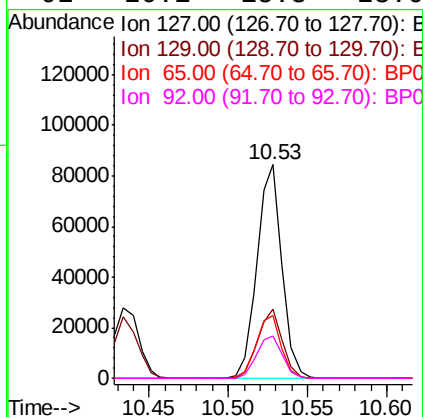
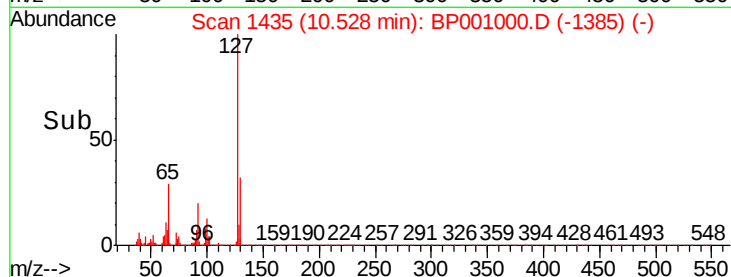
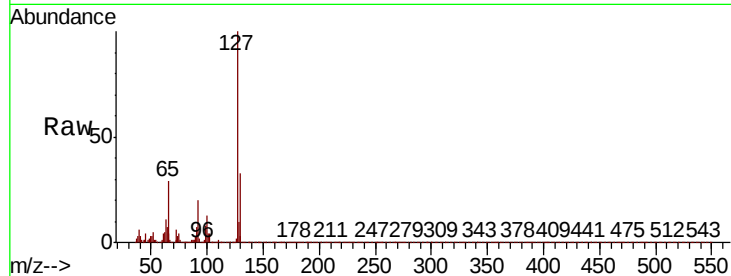
#33  
4-Chloroaniline  
Concen: 4.787 ng  
RT: 10.53 min Scan# 1435  
Delta R.T. -0.01 min  
Lab File: BP001000.D  
Acq: 07 Nov 2019 12:37

Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2019

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 32.5  | 25.8  | 38.6  |
| 65      | 29.3  | 22.7  | 34.1  |
| 92      | 20.1  | 15.8  | 23.6  |

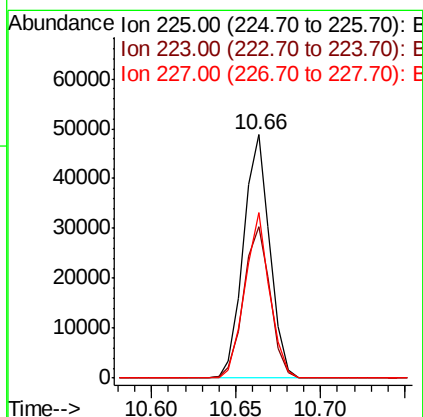
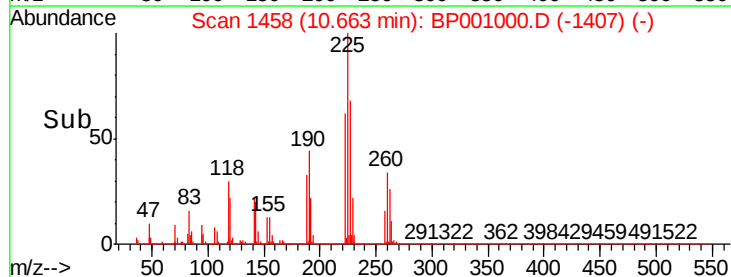
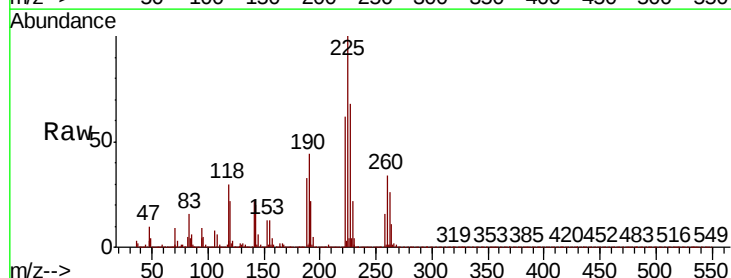
Manual Integrations  
APPROVED

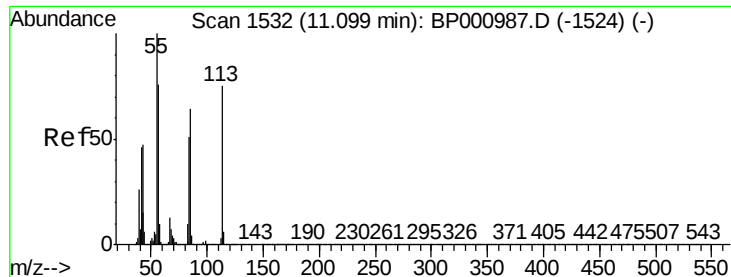
Sohil  
11/8/2019 3:33:48 PM



#34  
Hexachlorobutadiene  
Concen: 4.745 ng  
RT: 10.66 min Scan# 1458  
Delta R.T. -0.00 min  
Lab File: BP001000.D  
Acq: 07 Nov 2019 12:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.3  | 51.1  | 76.7  |
| 227     | 68.1  | 51.4  | 77.2  |





#35

Caprolactam

Concen: 4.041 ng

RT: 11.04 min Scan# 1522

Delta R.T. -0.06 min

Lab File: BP001000.D

Acq: 07 Nov 2019 12:37

Instrument :

BNA\_P

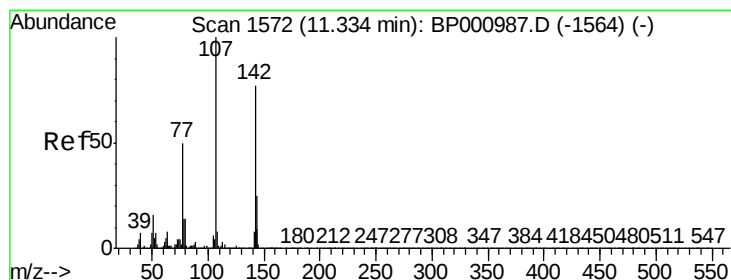
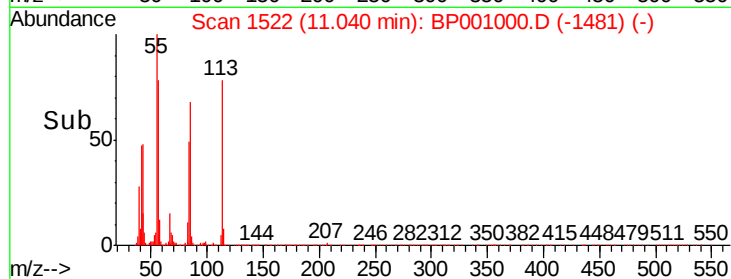
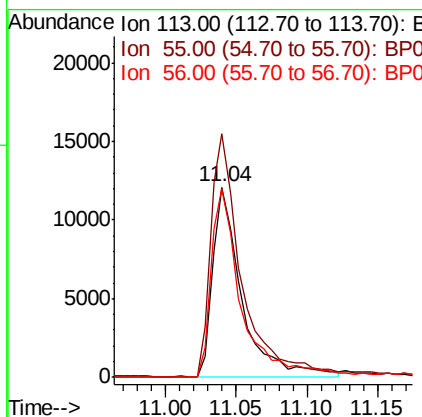
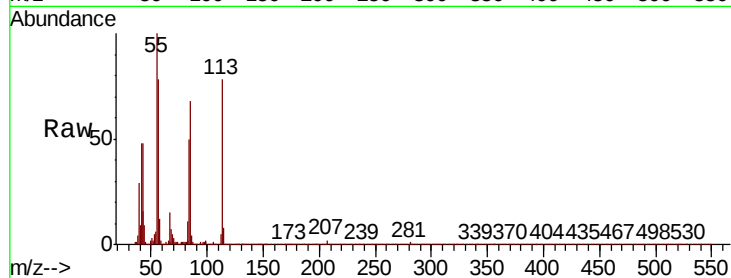
ClientSampleId :

LOD-MDL-WATER-01-QT4-2019

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 113   | Resp: | 17530 |
| Ion Ratio | Lower | Upper |       |
| 113       | 100   |       |       |
| 55        | 128.2 | 114.2 | 154.2 |
| 56        | 99.5  | 81.9  | 121.9 |

Manual Integrations  
APPROVED

Sohil  
11/8/2019 3:33:48 PM



#36

4-Chloro-3-methylphenol

Concen: 4.606 ng

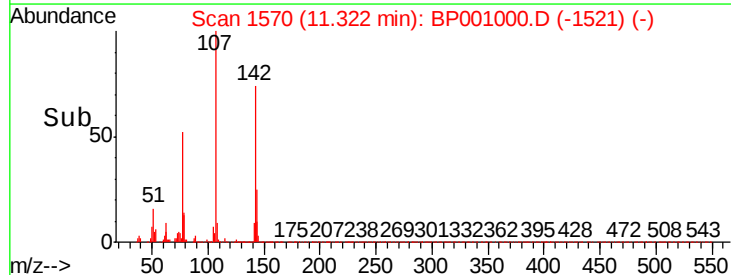
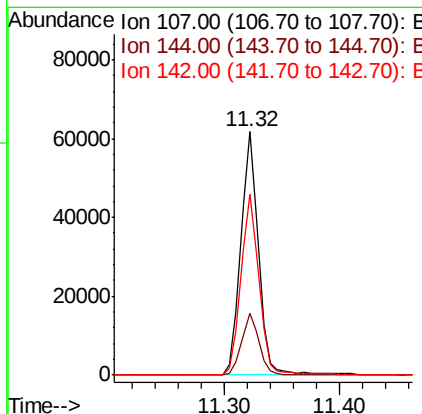
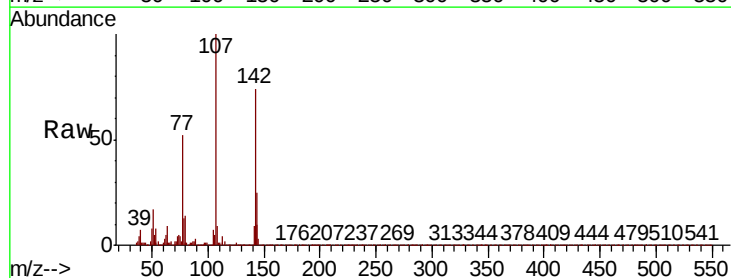
RT: 11.32 min Scan# 1570

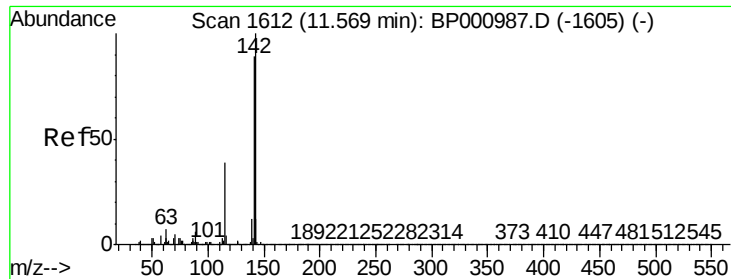
Delta R.T. -0.01 min

Lab File: BP001000.D

Acq: 07 Nov 2019 12:37

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 107   | Resp: | 65726 |
| Ion Ratio | Lower | Upper |       |
| 107       | 100   |       |       |
| 144       | 25.2  | 20.0  | 30.0  |
| 142       | 74.4  | 61.9  | 92.9  |





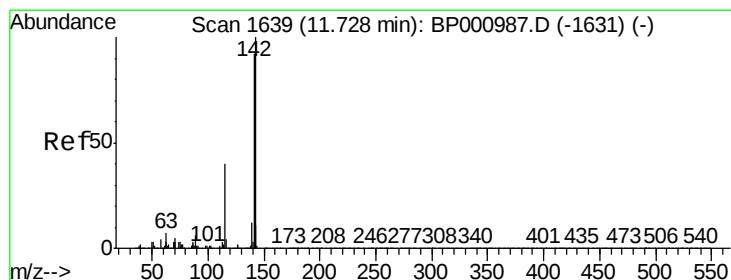
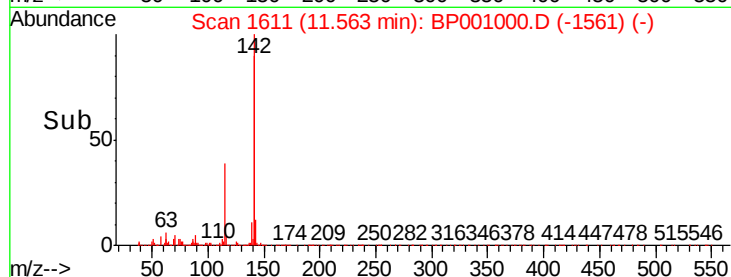
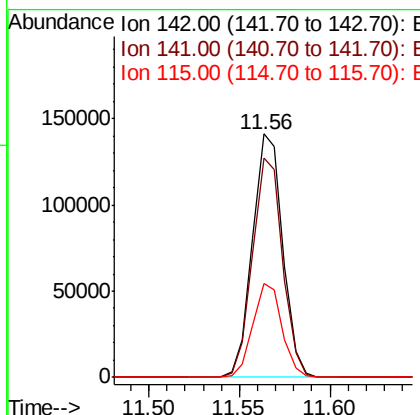
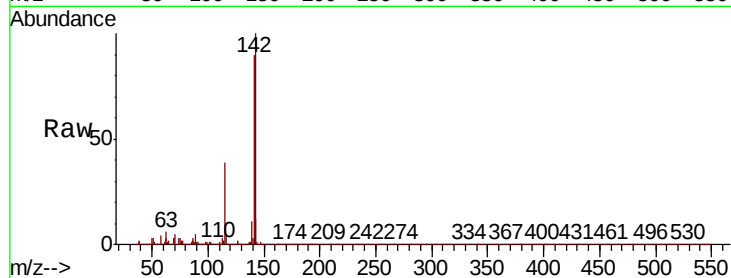
#37  
2-Methylnaphthalene  
Concen: 5.217 ng  
RT: 11.56 min Scan# 1611  
Delta R.T. -0.01 min  
Lab File: BP001000.D  
Acq: 07 Nov 2019 12:37

Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2019

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 142     | 100   | 163631 |       |       |
| 141     | 89.8  | 71.5   | 107.3 |       |
| 115     | 38.8  | 30.8   | 46.2  |       |

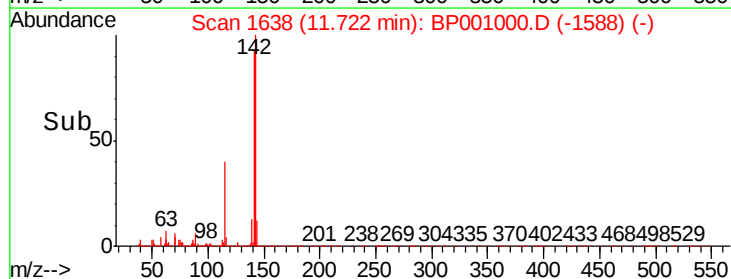
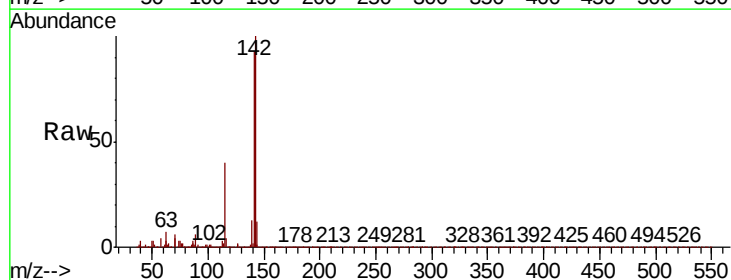
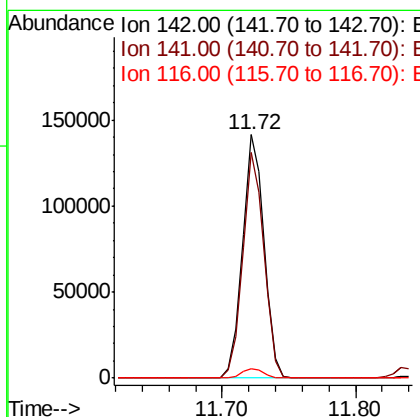
Manual Integrations  
APPROVED

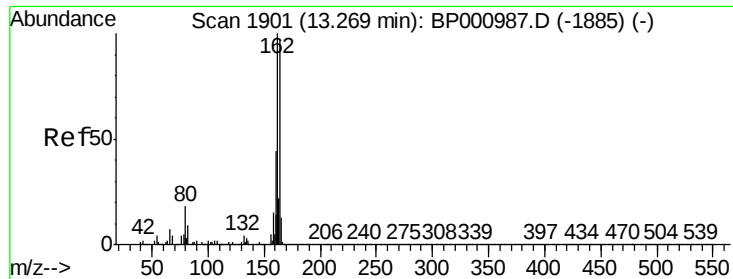
Sohil  
11/8/2019 3:33:48 PM



#38  
1-Methylnaphthalene  
Concen: 5.269 ng  
RT: 11.72 min Scan# 1638  
Delta R.T. -0.01 min  
Lab File: BP001000.D  
Acq: 07 Nov 2019 12:37

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 142     | 100   | 156162 |       |       |
| 141     | 92.6  | 73.9   | 110.9 |       |
| 116     | 4.0   | 3.4    | 5.0   |       |





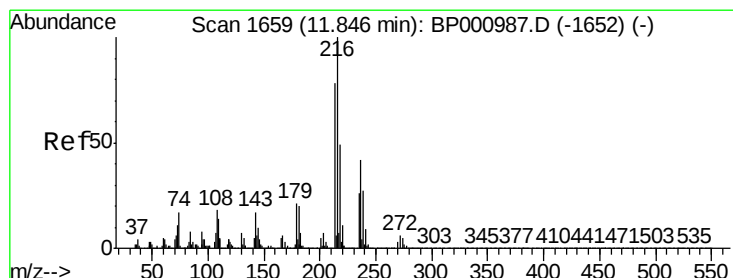
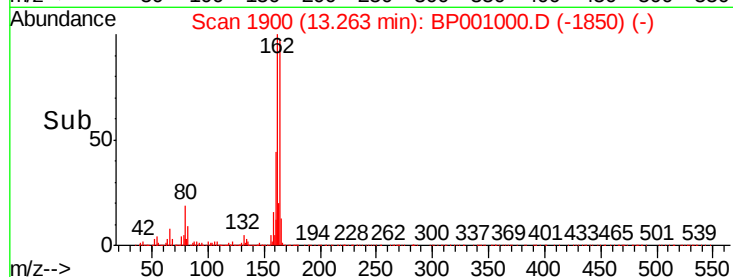
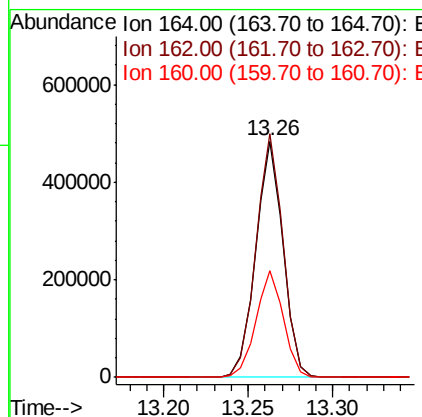
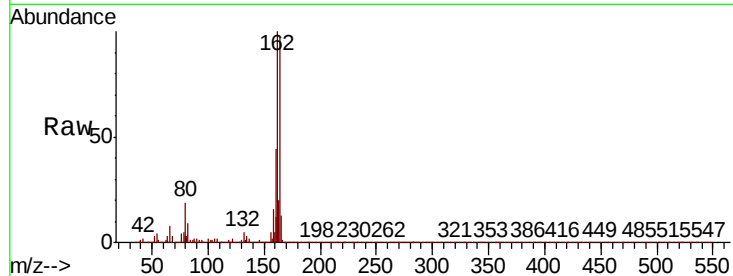
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 13.26 min Scan# 1900  
Delta R.T. -0.01 min  
Lab File: BP001000.D  
Acq: 07 Nov 2019 12:37

Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2019

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 103.0 | 82.6  | 123.8 |
| 160     | 45.0  | 36.5  | 54.7  |

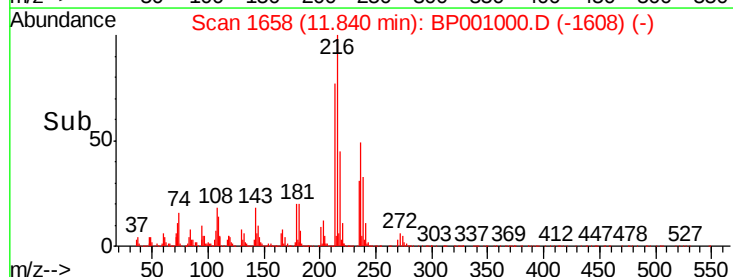
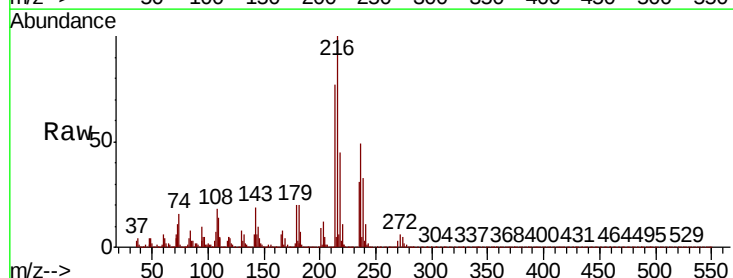
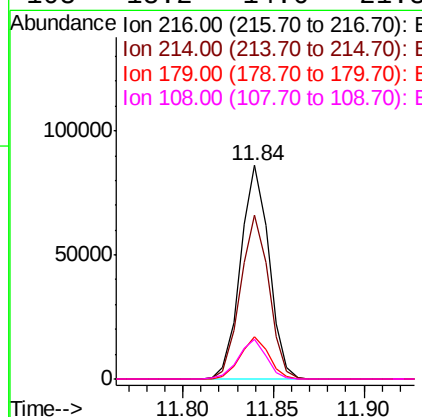
Manual Integrations  
APPROVED

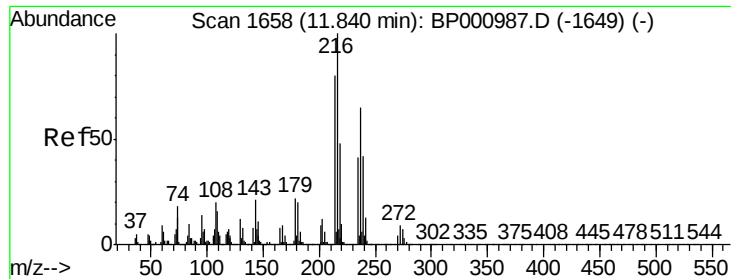
Sohil  
11/8/2019 3:33:48 PM



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 5.197 ng  
RT: 11.84 min Scan# 1658  
Delta R.T. -0.01 min  
Lab File: BP001000.D  
Acq: 07 Nov 2019 12:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 76.9  | 62.8  | 94.2  |
| 179     | 19.7  | 16.8  | 25.2  |
| 108     | 18.2  | 14.6  | 21.8  |





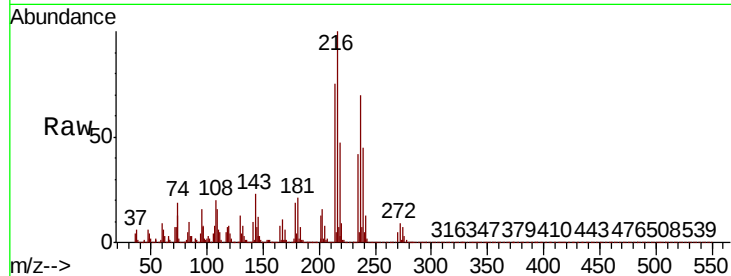
#41  
Hexachlorocyclopentadiene  
Concen: 5.484 ng  
RT: 11.83 min Scan# 1657  
Delta R.T. -0.01 min  
Lab File: BP001000.D  
Acq: 07 Nov 2019 12:37

Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2019

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 237     | 100   |            |       |
| 235     | 60.8  | 43.1       | 83.1  |
| 272     | 13.2  | 0.0        | 33.1  |

Manual Integrations  
APPROVED

Sohil  
11/8/2019 3:33:48 PM

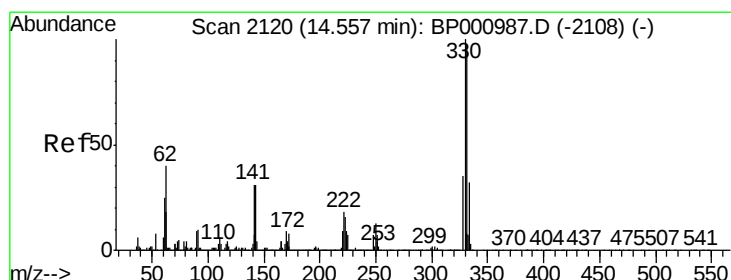
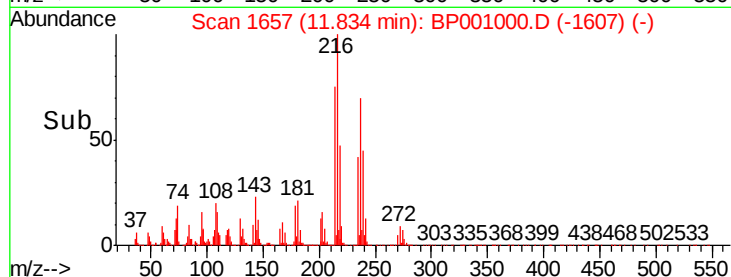
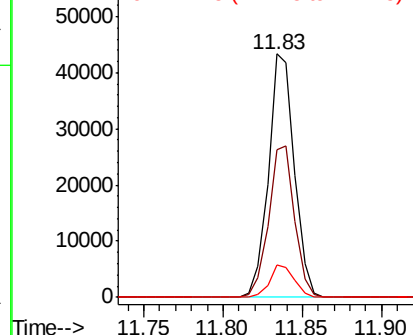


Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42  
2,4,6-Tribromophenol  
Concen: 144.324 ng  
RT: 14.56 min Scan# 2120  
Delta R.T. -0.00 min  
Lab File: BP001000.D  
Acq: 07 Nov 2019 12:37

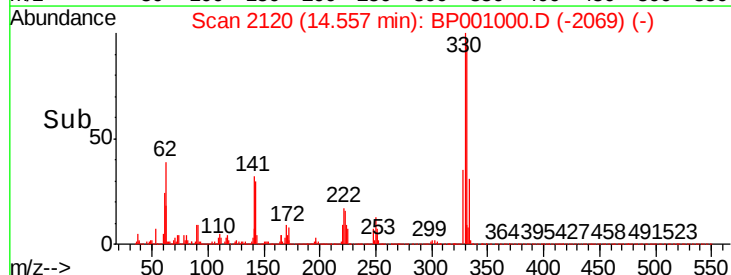
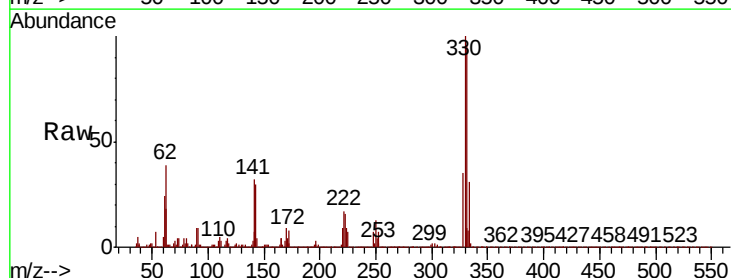
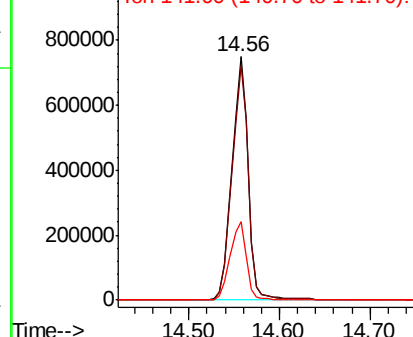
| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 330     | 100   |            |       |
| 332     | 97.2  | 78.3       | 117.5 |
| 141     | 32.1  | 25.0       | 37.4  |

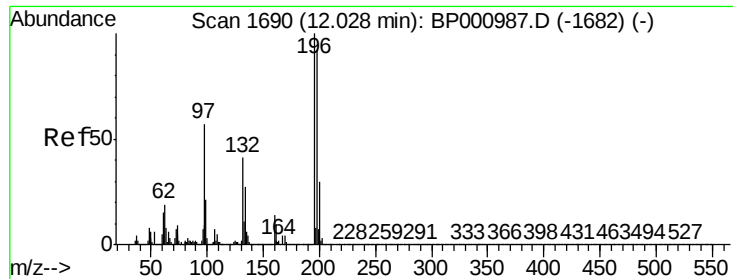
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





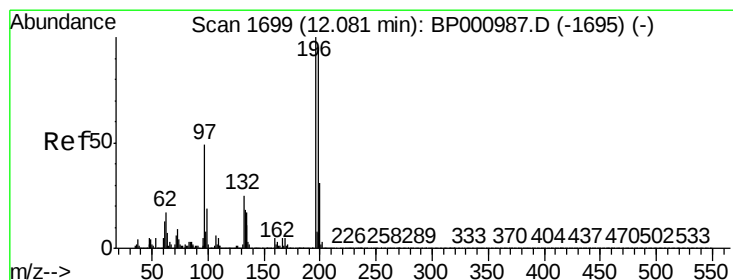
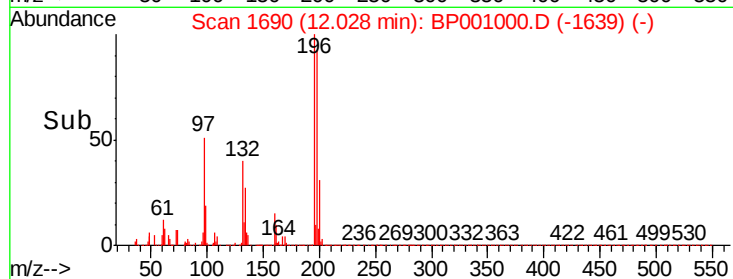
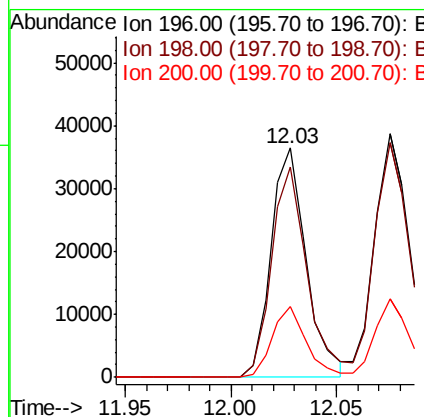
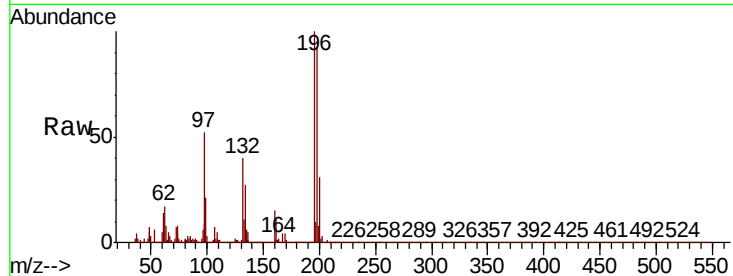
#43  
 2,4,6-Trichlorophenol  
 Concen: 3.881 ng  
 RT: 12.03 min Scan# 1690  
 Delta R.T. -0.00 min  
 Lab File: BP001000.D  
 Acq: 07 Nov 2019 12:37

Instrument :  
 BNA\_P  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT4-2019

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 91.8  | 74.0  | 111.0 |
| 200     | 30.7  | 24.2  | 36.4  |

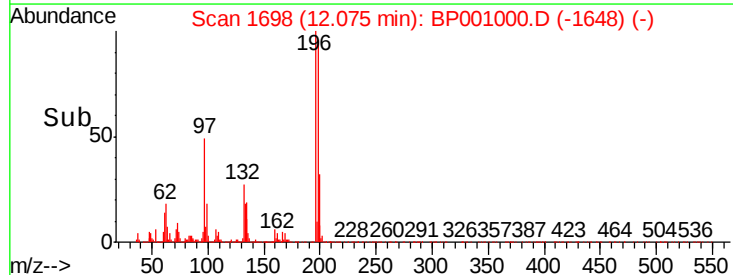
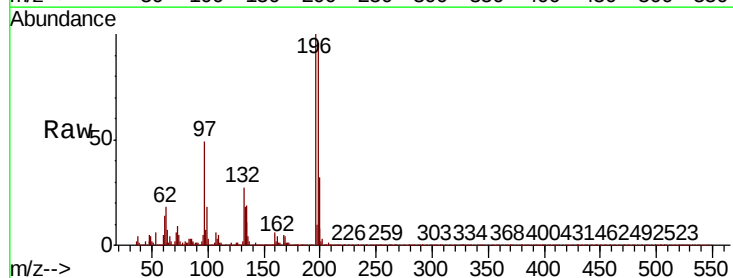
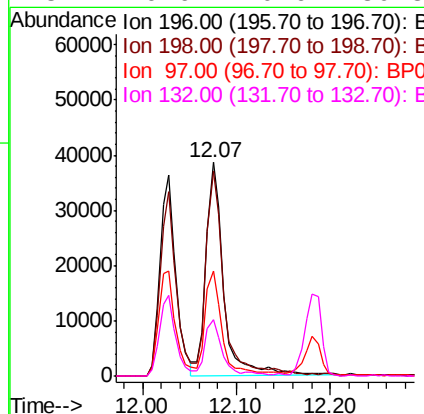
Manual Integrations  
 APPROVED

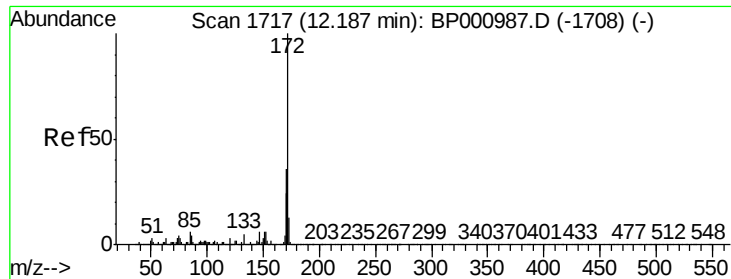
Sohil  
 11/8/2019 3:33:48 PM



#44  
 2,4,5-Trichlorophenol  
 Concen: 4.388 ng  
 RT: 12.07 min Scan# 1698  
 Delta R.T. -0.01 min  
 Lab File: BP001000.D  
 Acq: 07 Nov 2019 12:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 96.1  | 76.3  | 114.5 |
| 97      | 48.9  | 39.1  | 58.7  |
| 132     | 26.6  | 20.6  | 30.8  |





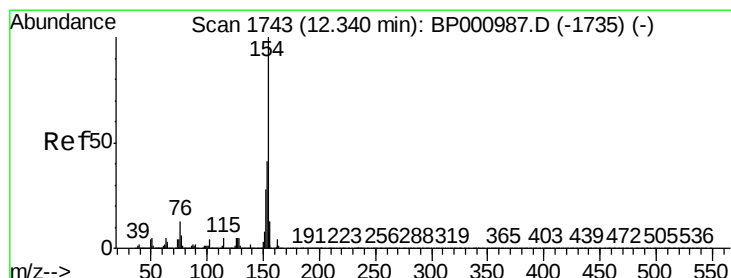
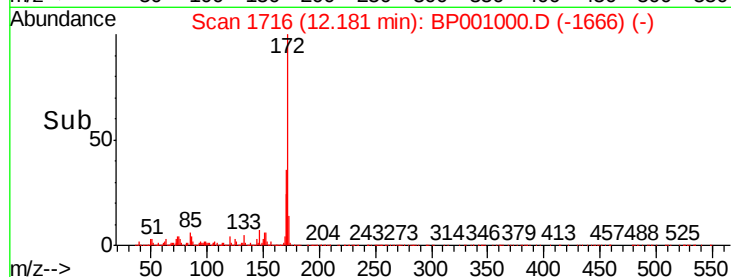
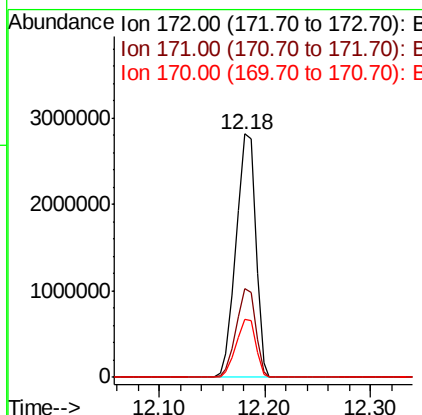
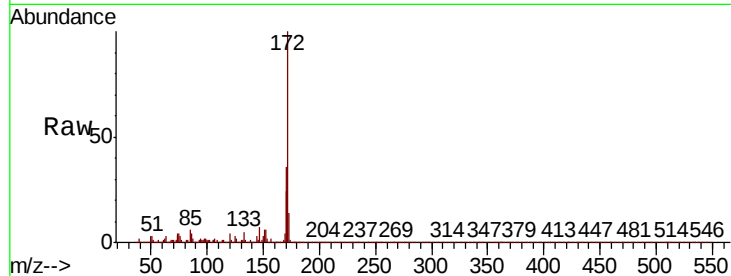
#45  
2-Fluorobiphenyl  
Concen: 99.803 ng  
RT: 12.18 min Scan# 1716  
Delta R.T. -0.01 min  
Lab File: BP001000.D  
Acq: 07 Nov 2019 12:37

Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2019

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.3  | 28.5  | 42.7  |
| 170     | 24.1  | 18.9  | 28.3  |

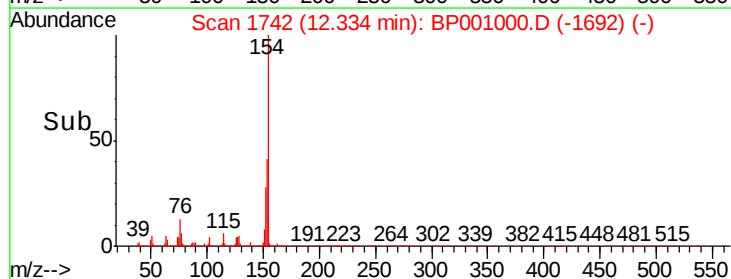
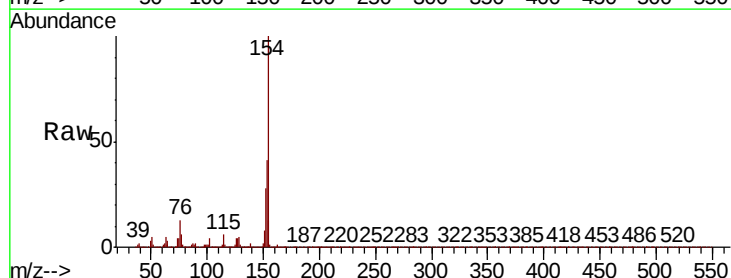
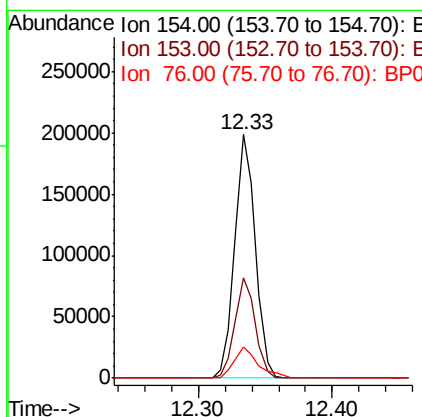
Manual Integrations  
APPROVED

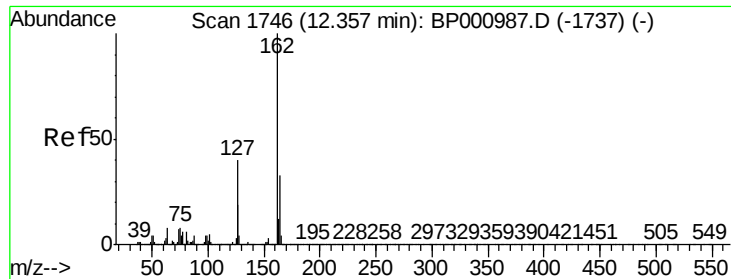
Sohil  
11/8/2019 3:33:48 PM



#46  
1,1'-Biphenyl  
Concen: 5.301 ng  
RT: 12.33 min Scan# 1742  
Delta R.T. -0.01 min  
Lab File: BP001000.D  
Acq: 07 Nov 2019 12:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 41.4  | 20.9  | 60.9  |
| 76      | 12.8  | 0.0   | 32.5  |





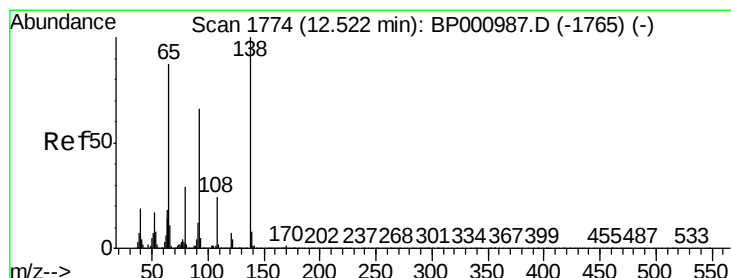
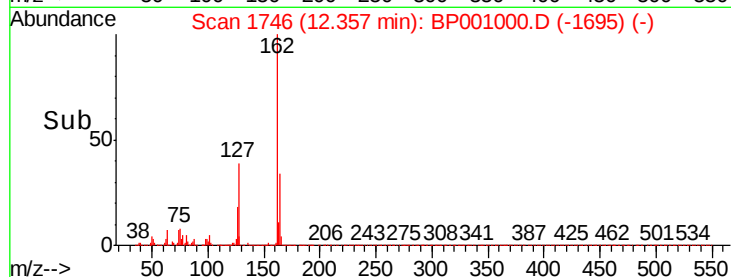
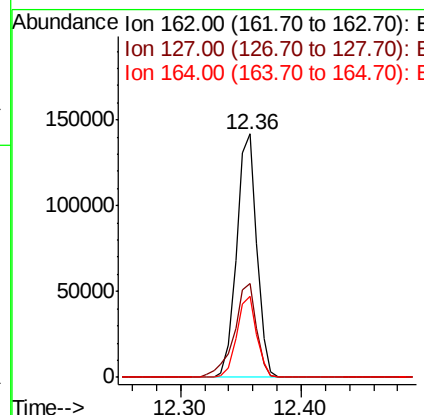
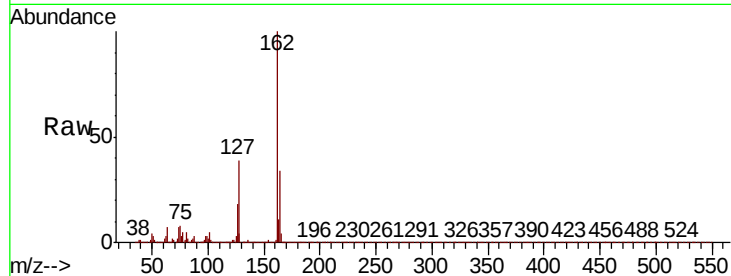
#47  
2-Chloronaphthalene  
Concen: 5.063 ng  
RT: 12.36 min Scan# 1746  
Delta R.T. -0.00 min  
Lab File: BP001000.D  
Acq: 07 Nov 2019 12:37

Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2019

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 165055 |       |       |
| 127     | 38.6  | 32.1   | 48.1  |       |
| 164     | 33.5  | 26.1   | 39.1  |       |

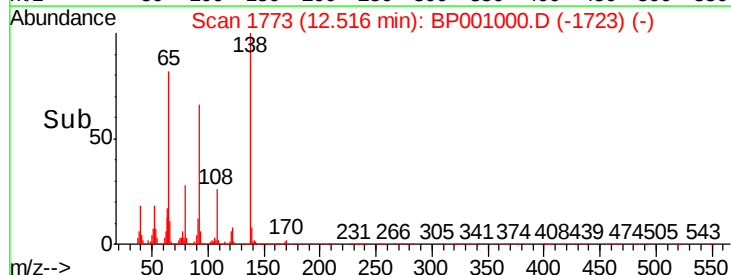
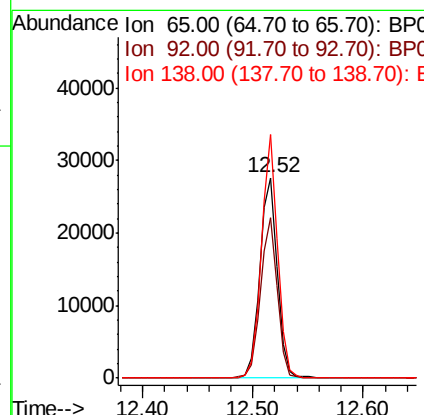
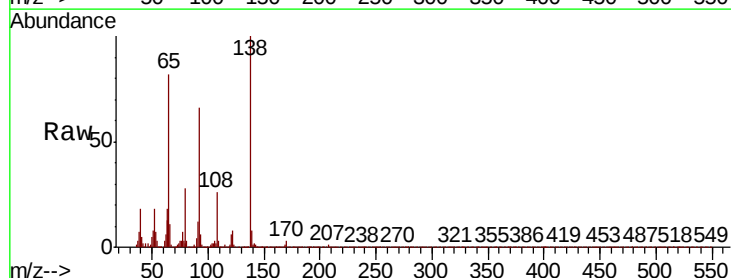
Manual Integrations  
APPROVED

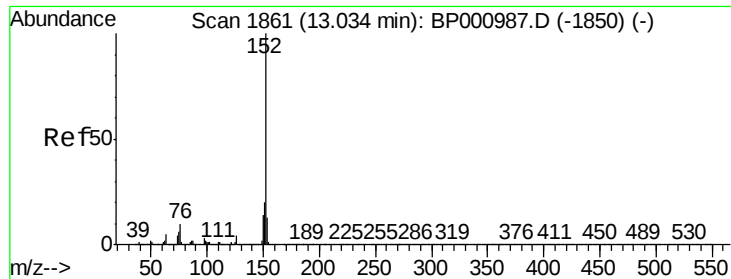
Sohil  
11/8/2019 3:33:48 PM



#48  
2-Nitroaniline  
Concen: 3.591 ng  
RT: 12.52 min Scan# 1773  
Delta R.T. -0.01 min  
Lab File: BP001000.D  
Acq: 07 Nov 2019 12:37

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 65      | 100   | 30646 |       |       |
| 92      | 79.7  | 61.4  | 92.2  |       |
| 138     | 121.4 | 92.5  | 138.7 |       |





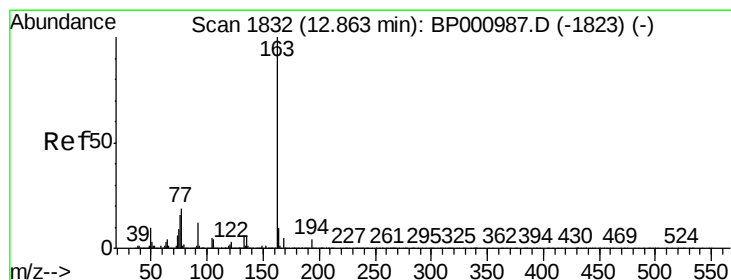
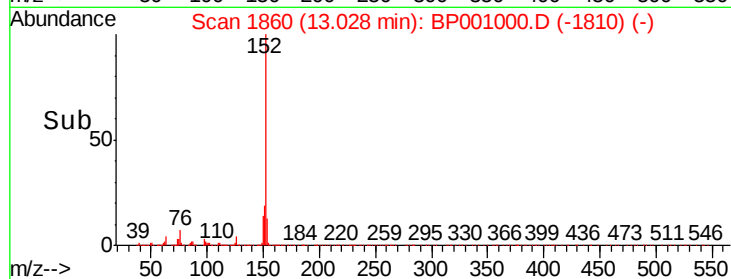
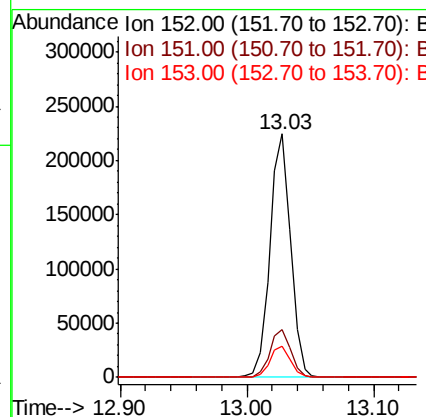
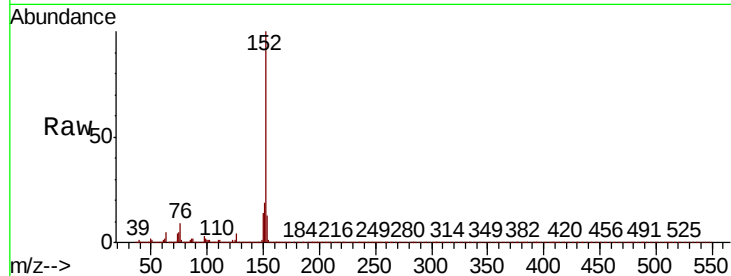
#49  
Acenaphthylene  
Concen: 5.139 ng  
RT: 13.03 min Scan# 1860  
Delta R.T. -0.01 min  
Lab File: BP001000.D  
Acq: 07 Nov 2019 12:37

Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2019

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 152     | 100  |       | 254717 |       |       |
| 151     | 19.4 | 16.0  | 24.0   |       |       |
| 153     | 12.9 | 10.6  | 16.0   |       |       |

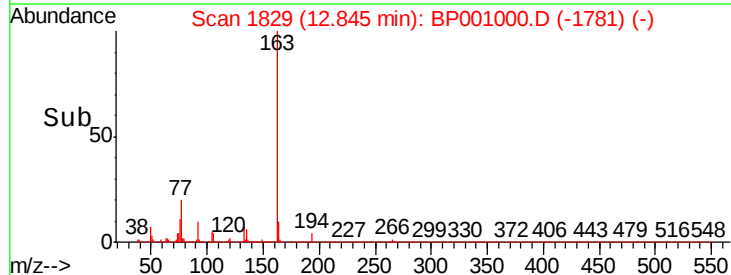
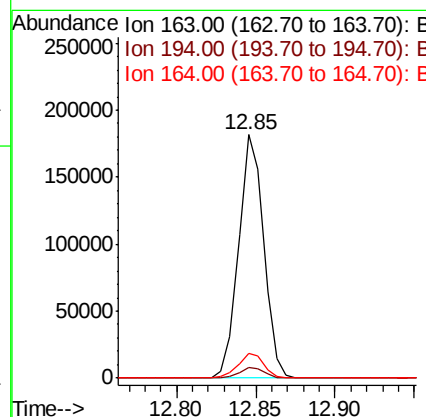
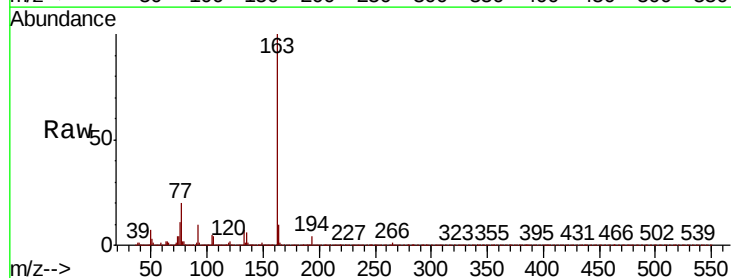
Manual Integrations  
APPROVED

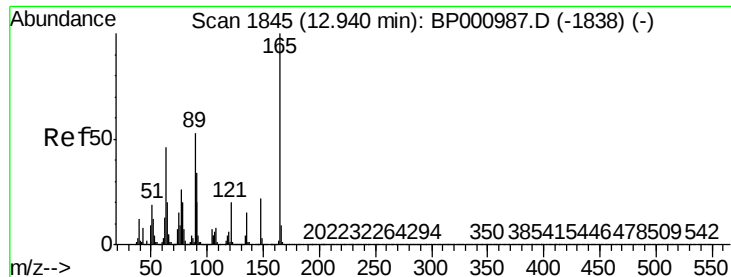
Sohil  
11/8/2019 3:33:48 PM



#50  
Dimethylphthalate  
Concen: 4.964 ng  
RT: 12.85 min Scan# 1829  
Delta R.T. -0.02 min  
Lab File: BP001000.D  
Acq: 07 Nov 2019 12:37

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 163     | 100  |       | 198798 |       |       |
| 194     | 4.4  | 3.4   | 5.2    |       |       |
| 164     | 10.1 | 7.9   | 11.9   |       |       |





#51

2,6-Dinitrotoluene

Concen: 4.270 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BP001000.D

Acq: 07 Nov 2019 12:37

Instrument :

BNA\_P

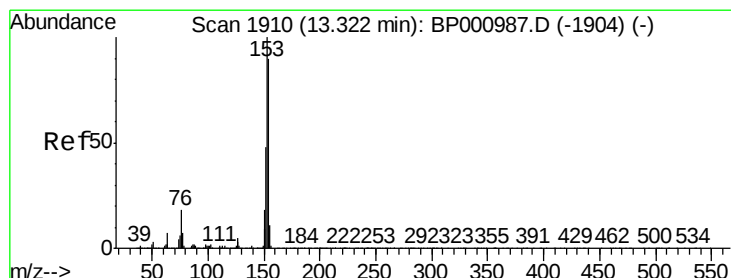
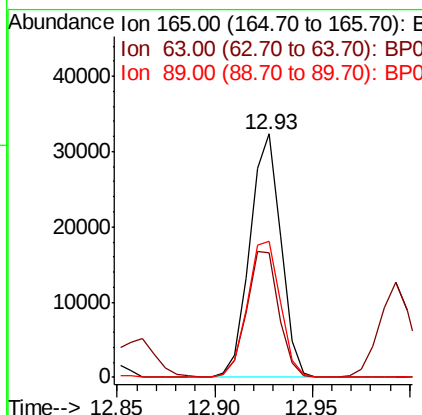
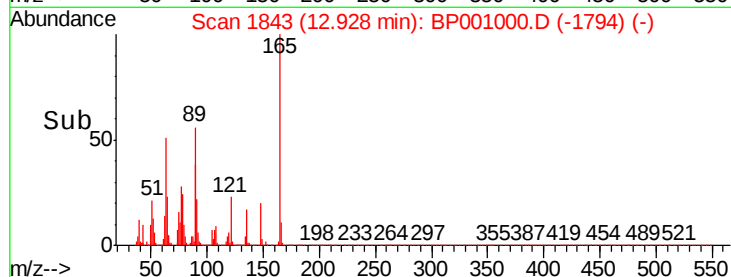
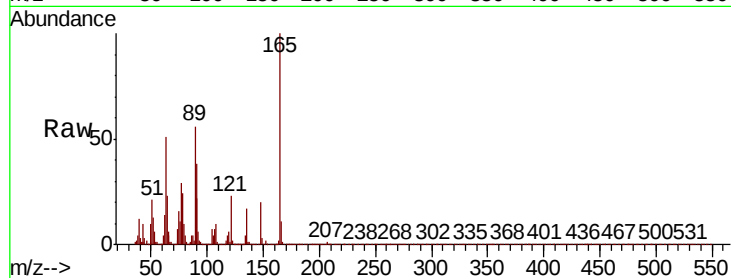
ClientSampleId :

LOD-MDL-WATER-01-QT4-2019

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 165   | Resp: | 35676 |
| Ion Ratio | Lower | Upper |       |
| 165       | 100   |       |       |
| 63        | 51.3  | 36.7  | 55.1  |
| 89        | 56.1  | 42.3  | 63.5  |

Manual Integrations  
APPROVED

Sohil  
11/8/2019 3:33:48 PM



#52

Acenaphthene

Concen: 5.118 ng

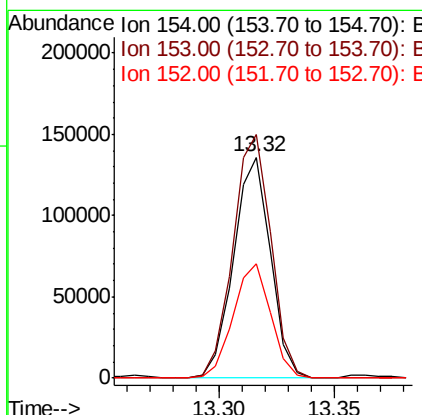
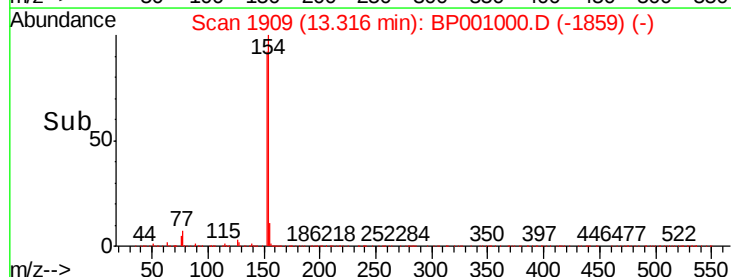
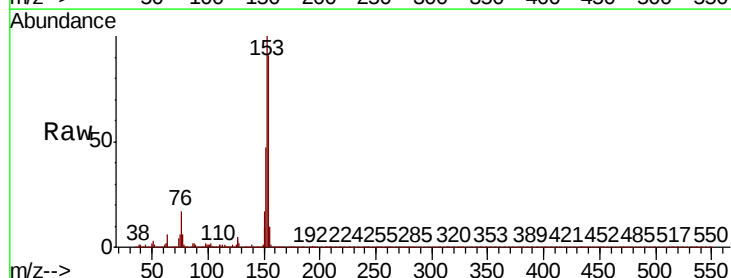
RT: 13.32 min Scan# 1909

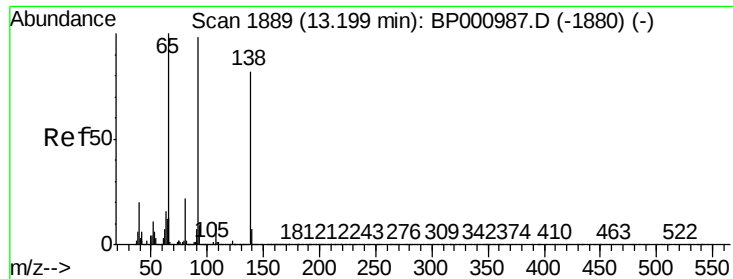
Delta R.T. -0.01 min

Lab File: BP001000.D

Acq: 07 Nov 2019 12:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 151721 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 110.1 | 88.9  | 133.3  |
| 152       | 51.5  | 42.4  | 63.6   |





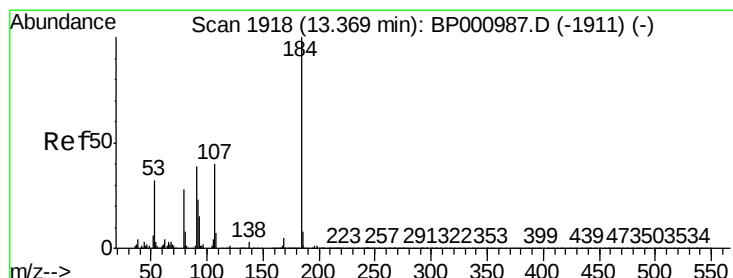
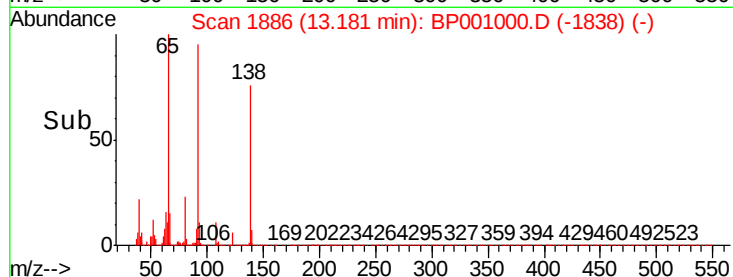
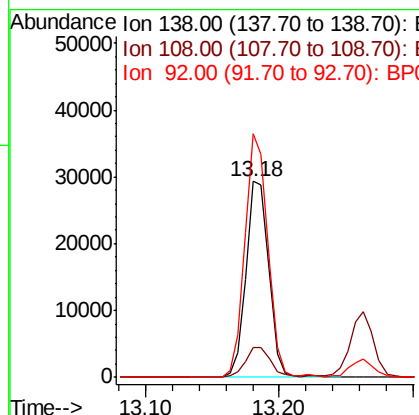
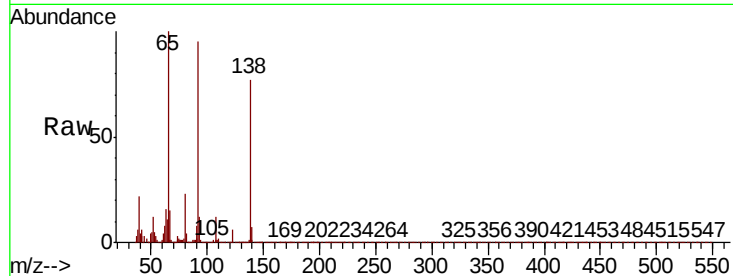
#53  
3-Nitroaniline  
Concen: 3.774 ng  
RT: 13.18 min Scan# 1886  
Delta R.T. -0.02 min  
Lab File: BP001000.D  
Acq: 07 Nov 2019 12:37

Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2019

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 15.3  | 10.1  | 15.1# |
| 92      | 124.4 | 95.4  | 143.0 |

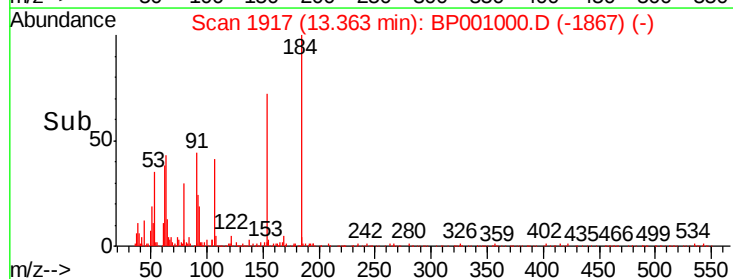
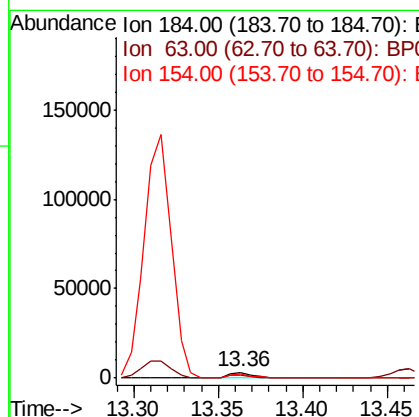
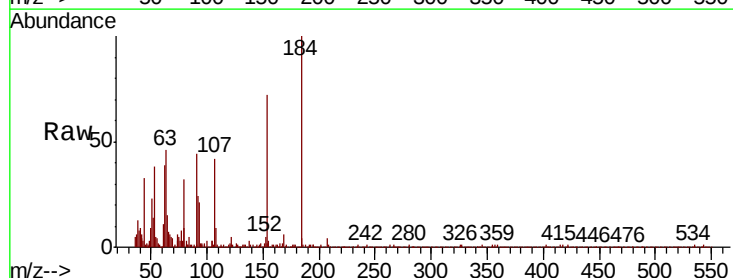
Manual Integrations  
APPROVED

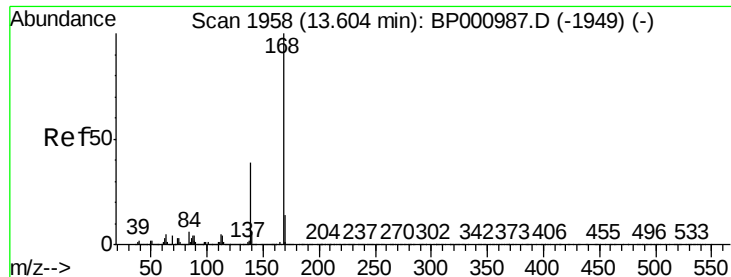
Sohil  
11/8/2019 3:33:48 PM



#54  
2,4-Dinitrophenol  
Concen: 1.745 ng  
RT: 13.36 min Scan# 1917  
Delta R.T. -0.01 min  
Lab File: BP001000.D  
Acq: 07 Nov 2019 12:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 45.8  | 41.0  | 61.6  |
| 154     | 71.8  | 48.1  | 72.1  |





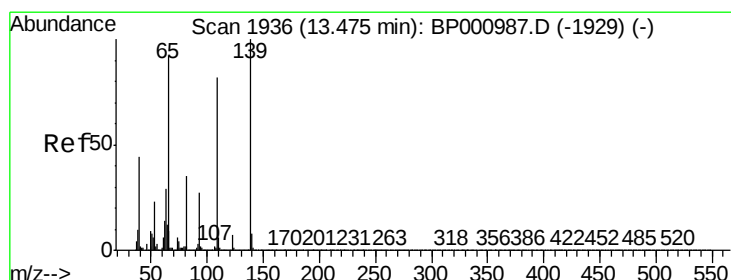
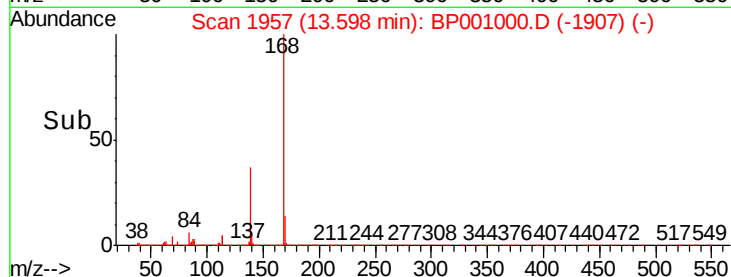
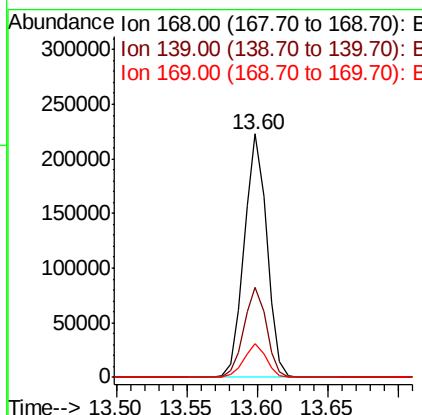
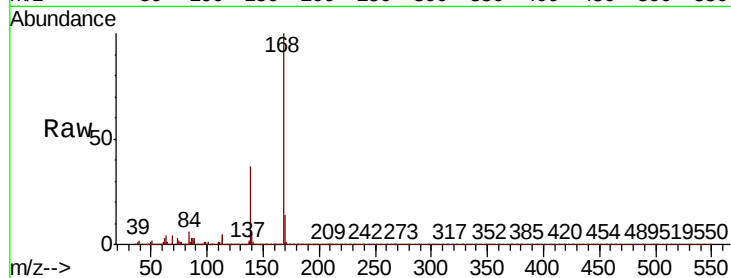
#55  
Dibenzenofuran  
Concen: 5.380 ng  
RT: 13.60 min Scan# 1957  
Delta R.T. -0.01 min  
Lab File: BP001000.D  
Acq: 07 Nov 2019 12:37

Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2019

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 37.2  | 30.9  | 46.3  |
| 169     | 13.9  | 10.9  | 16.3  |

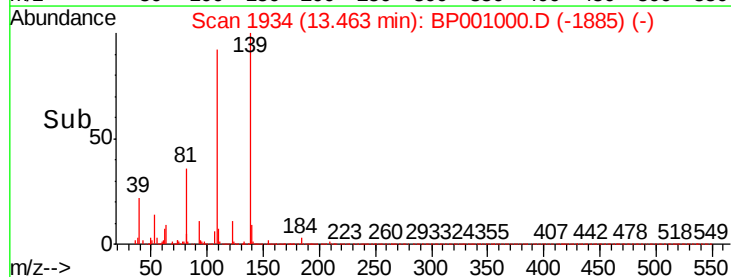
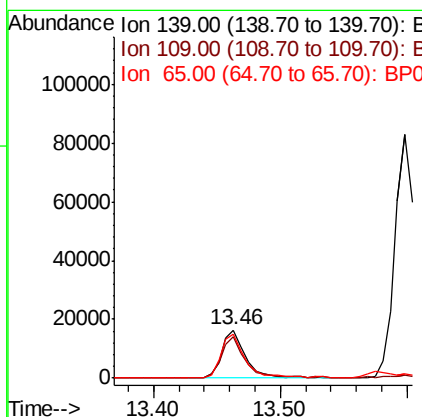
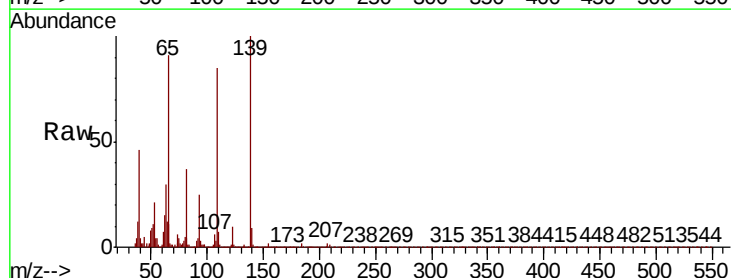
Manual Integrations  
APPROVED

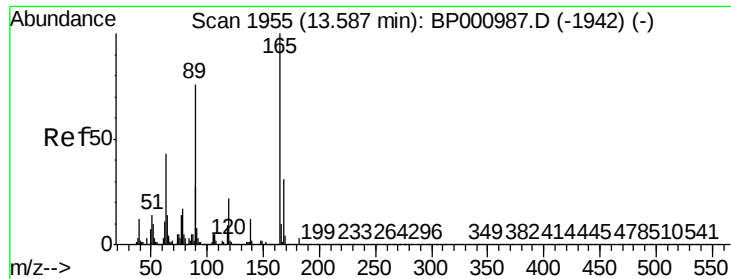
Sohil  
11/8/2019 3:33:48 PM



#56  
4-Nitrophenol  
Concen: 3.399 ng  
RT: 13.46 min Scan# 1934  
Delta R.T. -0.01 min  
Lab File: BP001000.D  
Acq: 07 Nov 2019 12:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 84.9  | 61.6  | 101.6 |
| 65      | 90.5  | 72.0  | 112.0 |





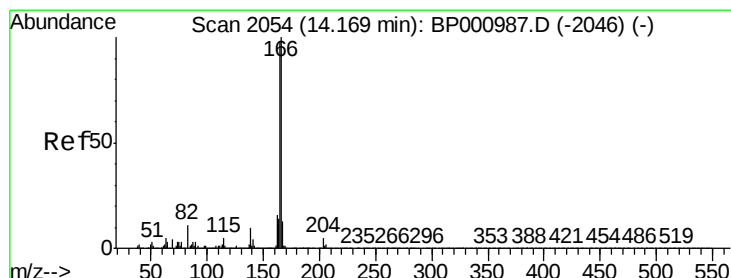
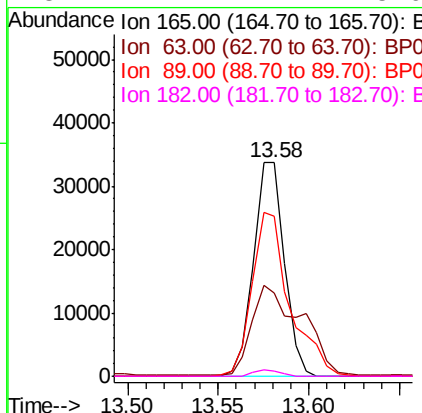
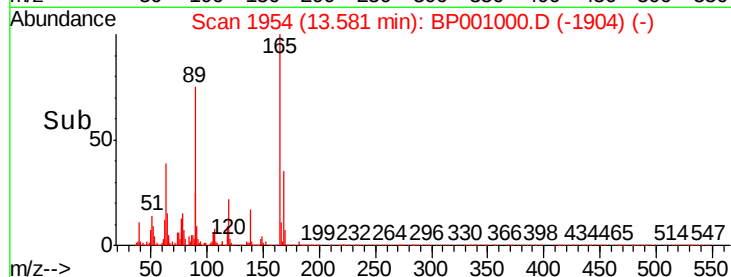
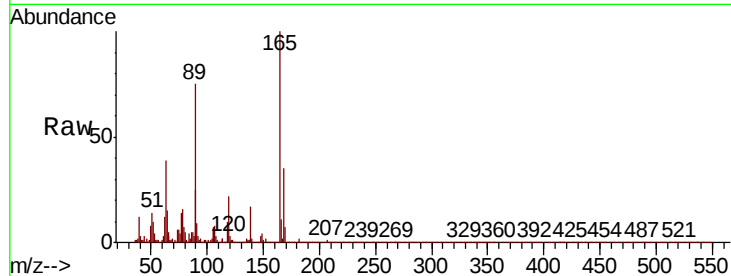
#57  
 2,4-Dinitrotoluene  
 Concen: 3.816 ng  
 RT: 13.58 min Scan# 1954  
 Delta R.T. -0.01 min  
 Lab File: BP001000.D  
 Acq: 07 Nov 2019 12:37

Instrument :  
 BNA\_P  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT4-2019

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 39.0  | 34.3  | 51.5  |
| 89      | 74.6  | 60.5  | 90.7  |
| 182     | 2.2   | 2.4   | 3.6#  |

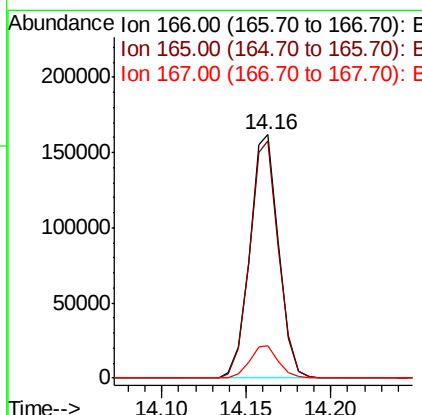
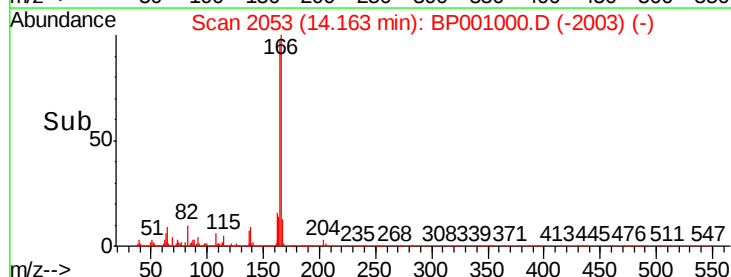
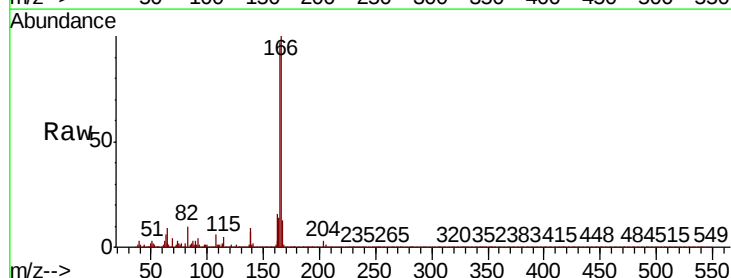
Manual Integrations  
 APPROVED

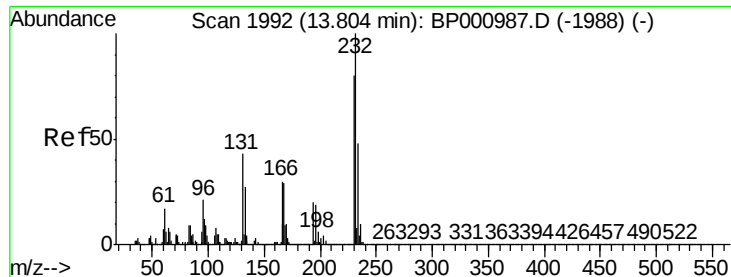
Sohil  
 11/8/2019 3:33:48 PM



#58  
 Fluorene  
 Concen: 5.181 ng  
 RT: 14.16 min Scan# 2053  
 Delta R.T. -0.01 min  
 Lab File: BP001000.D  
 Acq: 07 Nov 2019 12:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 97.2  | 78.2  | 117.2 |
| 167     | 13.1  | 10.7  | 16.1  |





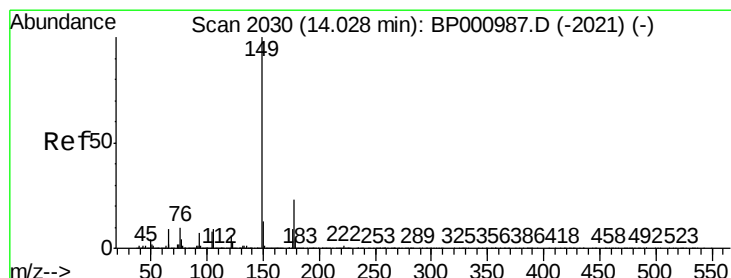
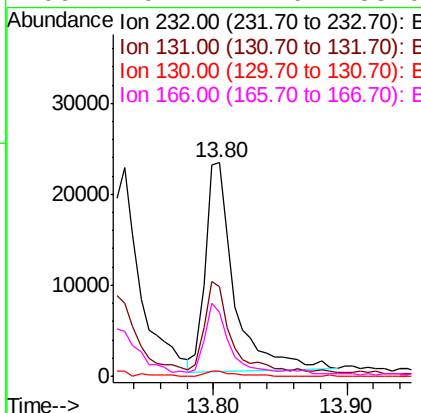
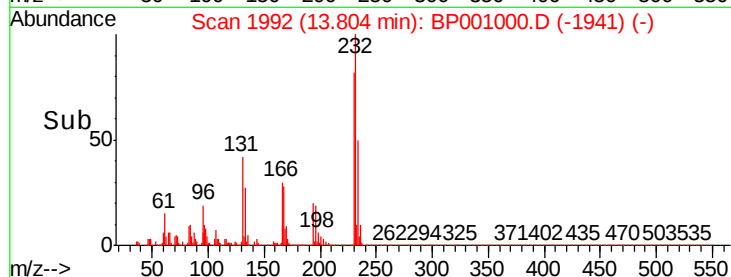
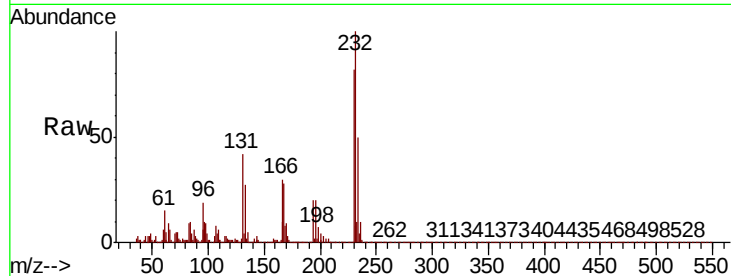
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 3.506 ng  
RT: 13.80 min Scan# 1992  
Delta R.T. -0.00 min  
Lab File: BP001000.D  
Acq: 07 Nov 2019 12:37

Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2019

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 43.1  | 32.2  | 48.2  |
| 130     | 2.2   | 1.7   | 2.5   |
| 166     | 26.7  | 22.0  | 33.0  |

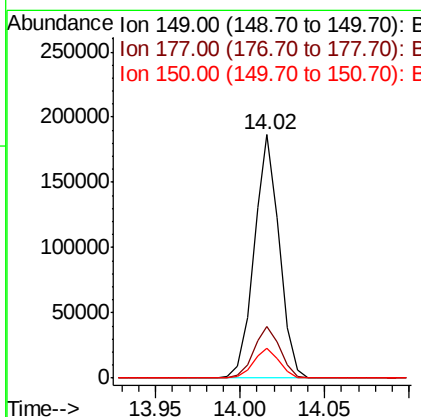
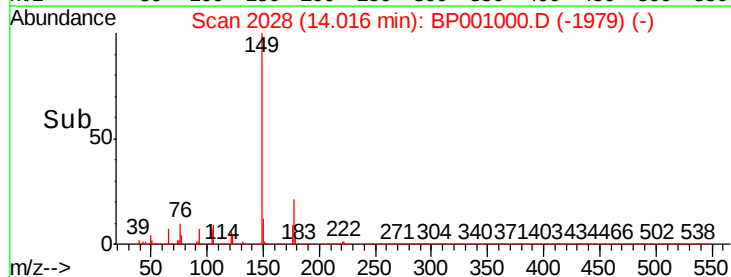
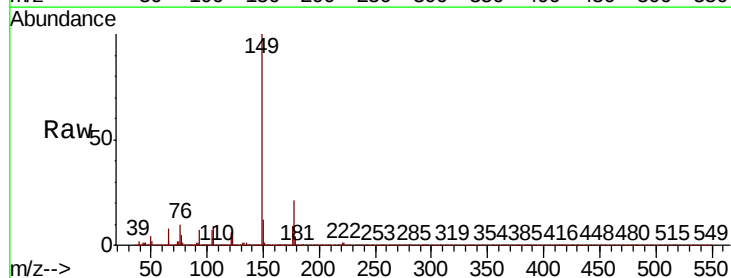
Manual Integrations  
APPROVED

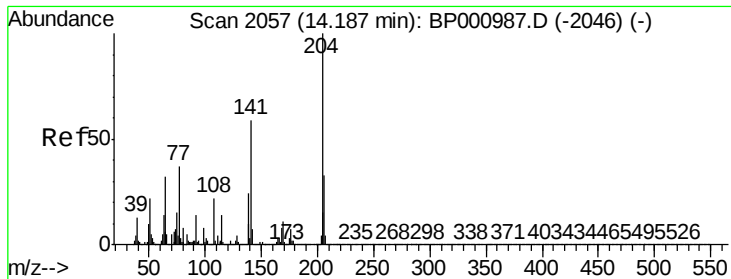
Sohil  
11/8/2019 3:33:48 PM



#60  
Diethylphthalate  
Concen: 4.767 ng  
RT: 14.02 min Scan# 2028  
Delta R.T. -0.01 min  
Lab File: BP001000.D  
Acq: 07 Nov 2019 12:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 21.3  | 18.5  | 27.7  |
| 150     | 12.5  | 10.2  | 15.2  |





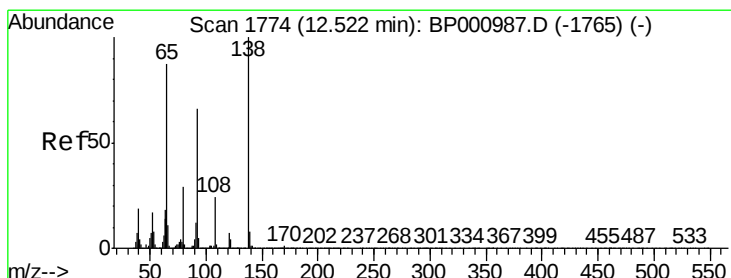
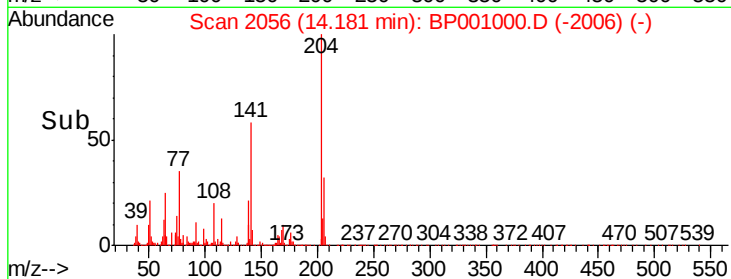
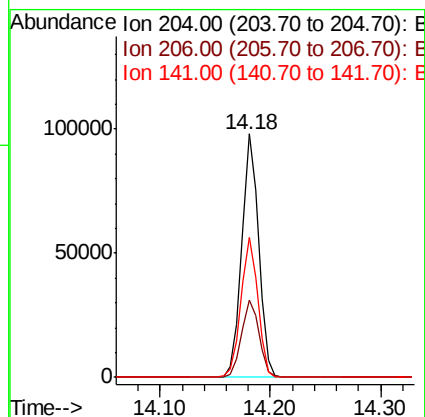
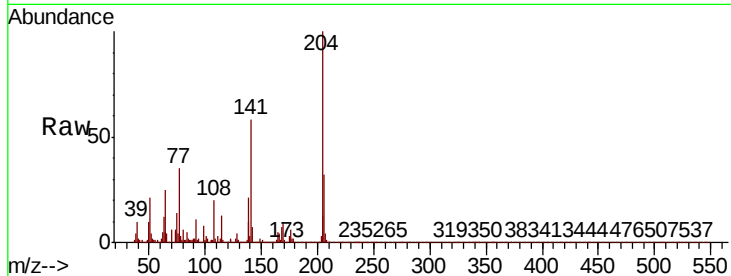
#61  
4-Chlorophenyl-phenylether  
Concen: 5.421 ng  
RT: 14.18 min Scan# 2056  
Delta R.T. -0.01 min  
Lab File: BP001000.D  
Acq: 07 Nov 2019 12:37

Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2019

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 31.9  | 26.5  | 39.7  |
| 141     | 57.6  | 46.9  | 70.3  |

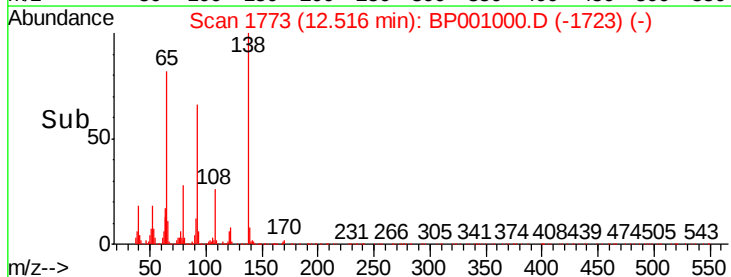
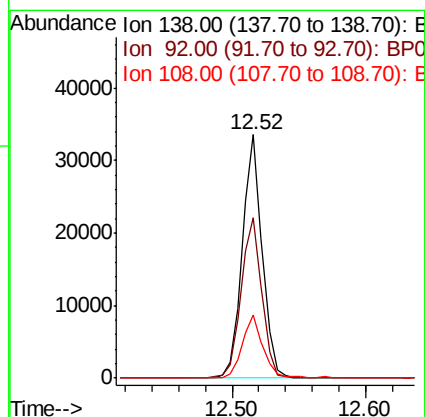
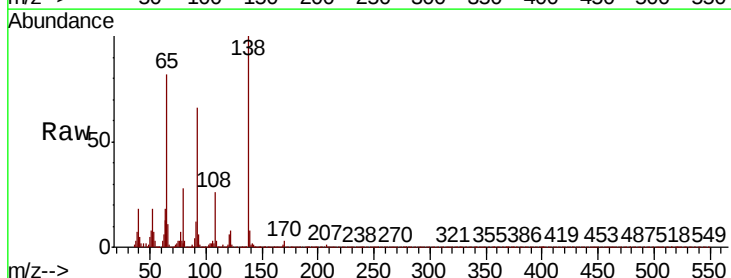
Manual Integrations  
APPROVED

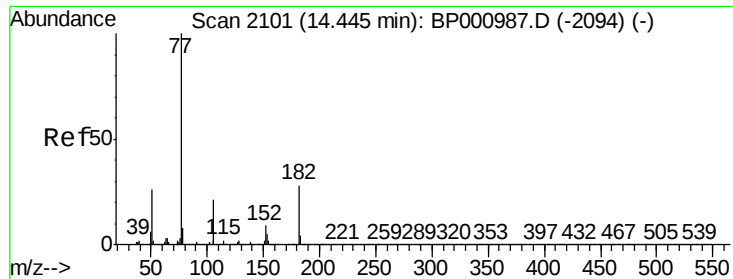
Sohil  
11/8/2019 3:33:48 PM



#62  
4-Nitroaniline  
Concen: 3.531 ng  
RT: 12.52 min Scan# 1773  
Delta R.T. -0.01 min  
Lab File: BP001000.D  
Acq: 07 Nov 2019 12:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 65.6  | 46.4  | 86.4  |
| 108     | 25.8  | 3.9   | 43.9  |





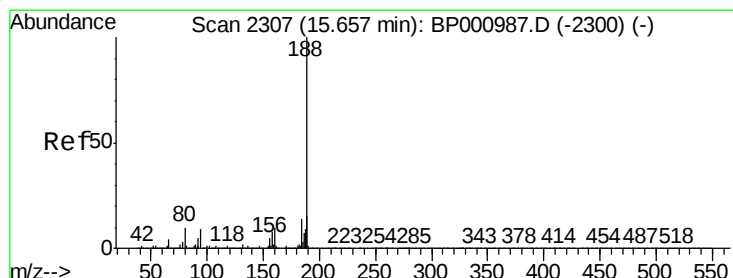
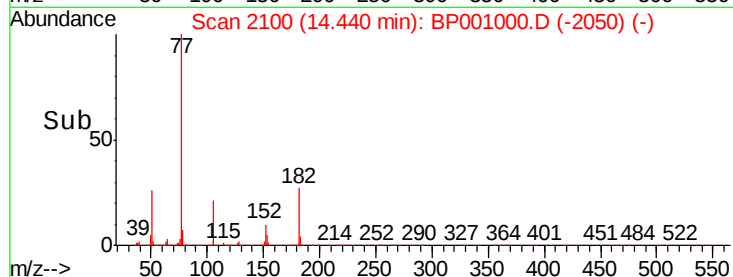
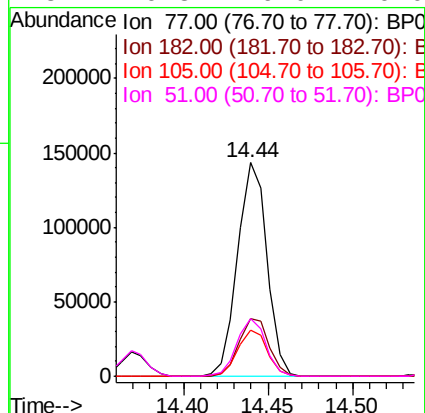
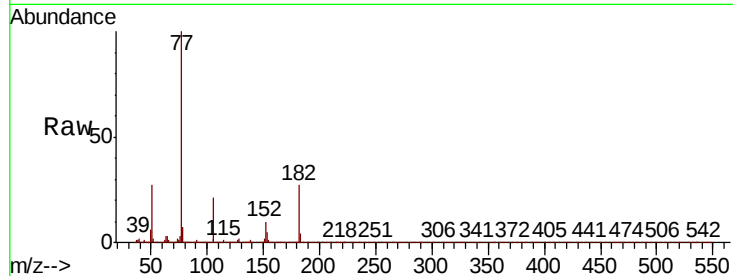
#63  
Azobenzene  
Concen: 4.934 ng  
RT: 14.44 min Scan# 2100  
Delta R.T. -0.01 min  
Lab File: BP001000.D  
Acq: 07 Nov 2019 12:37

Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2019

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 27.0  | 8.4   | 48.4  |
| 105     | 21.5  | 1.0   | 41.0  |
| 51      | 26.8  | 6.0   | 46.0  |

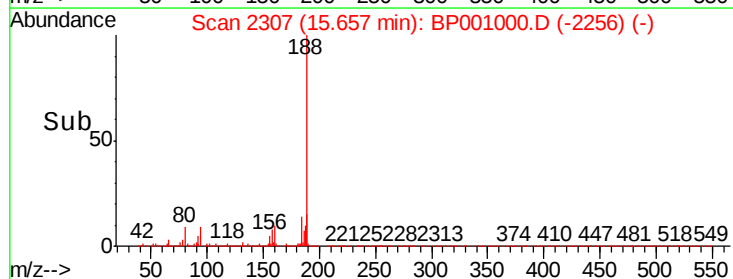
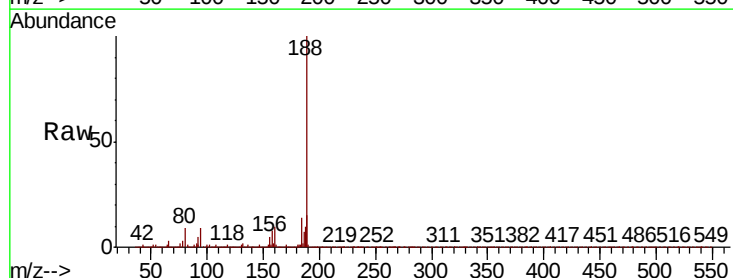
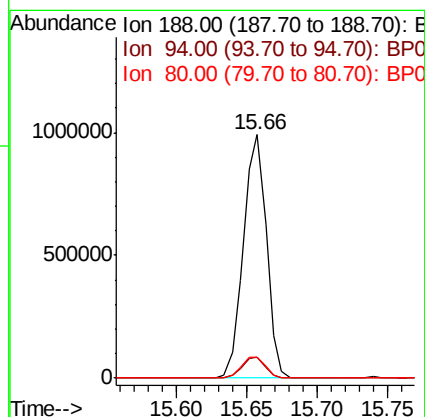
Manual Integrations  
APPROVED

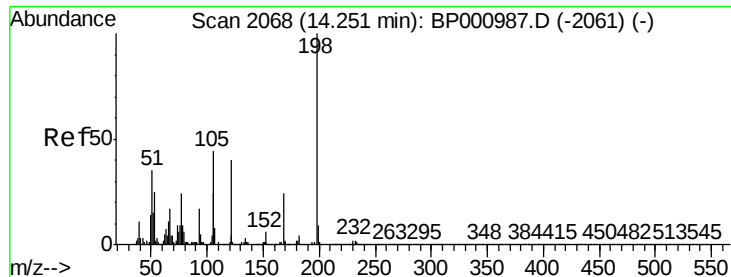
Sohil  
11/8/2019 3:33:48 PM



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 15.66 min Scan# 2307  
Delta R.T. -0.00 min  
Lab File: BP001000.D  
Acq: 07 Nov 2019 12:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 8.8   | 7.4   | 11.2  |
| 80      | 8.6   | 7.9   | 11.9  |





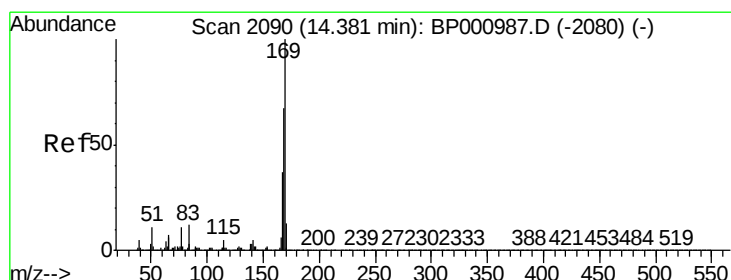
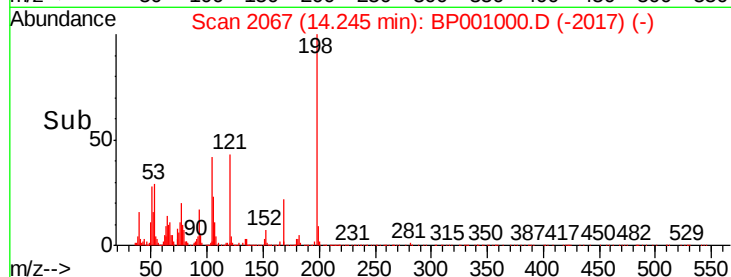
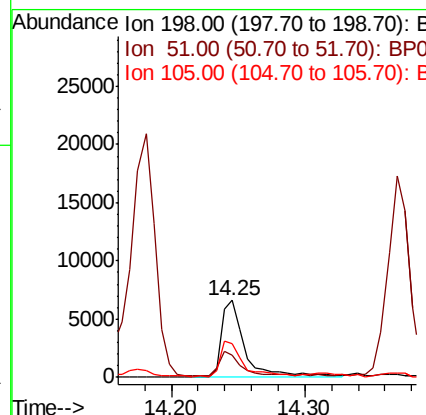
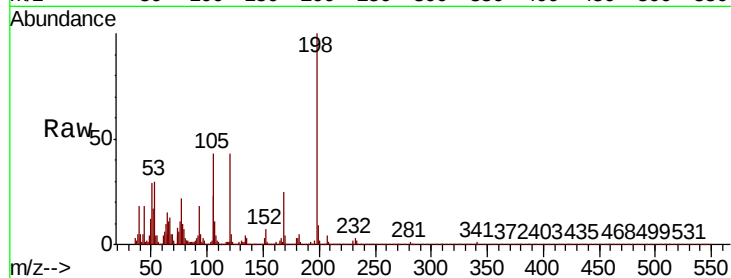
#65  
4,6-Dinitro-2-methylphenol  
Concen: 2.601 ng  
RT: 14.25 min Scan# 2067  
Delta R.T. -0.01 min  
Lab File: BP001000.D  
Acq: 07 Nov 2019 12:37

Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2019

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 29.1  | 16.0  | 56.0  |
| 105     | 43.1  | 24.9  | 64.9  |

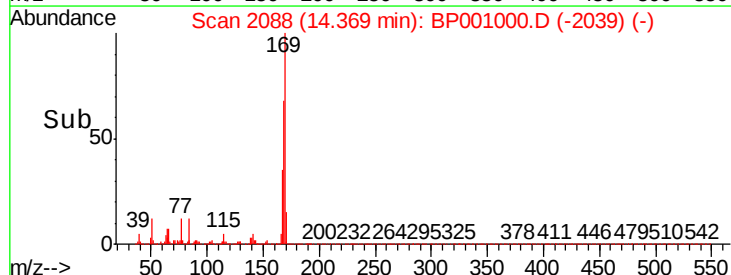
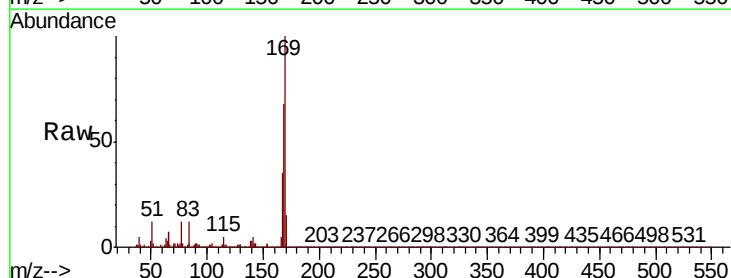
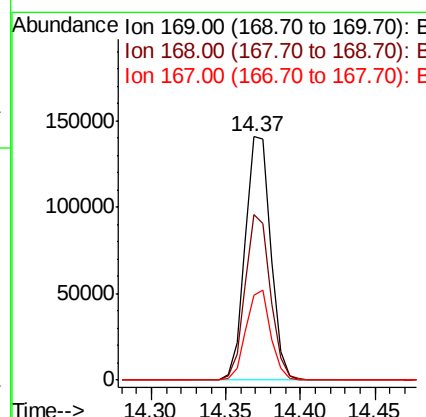
Manual Integrations  
APPROVED

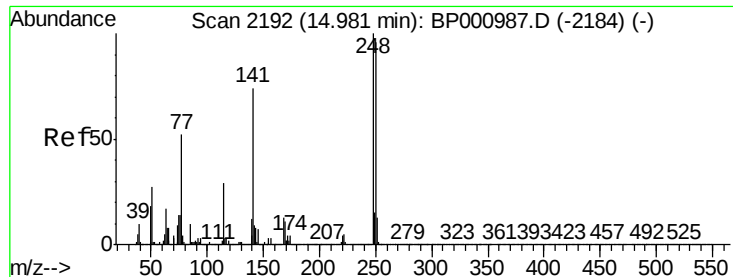
Sohil  
11/8/2019 3:33:48 PM



#66  
n-Nitrosodiphenylamine  
Concen: 5.158 ng  
RT: 14.37 min Scan# 2088  
Delta R.T. -0.01 min  
Lab File: BP001000.D  
Acq: 07 Nov 2019 12:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 68.0  | 53.3  | 79.9  |
| 167     | 35.0  | 29.4  | 44.2  |





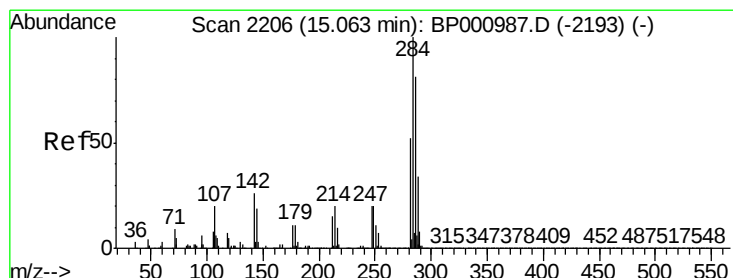
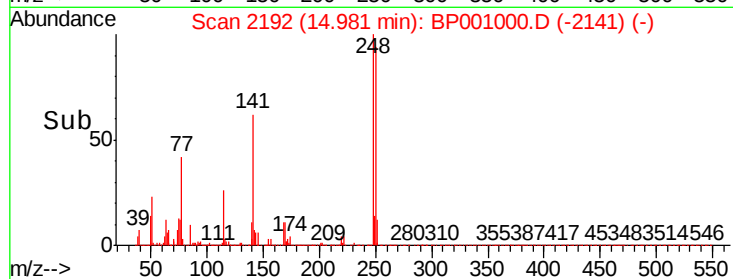
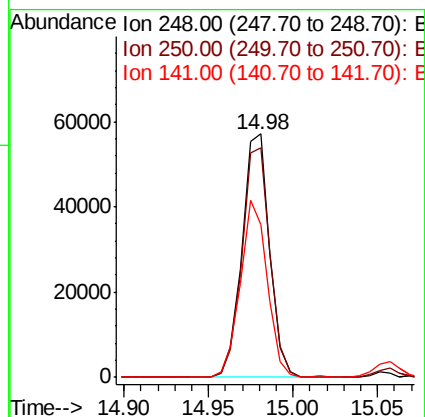
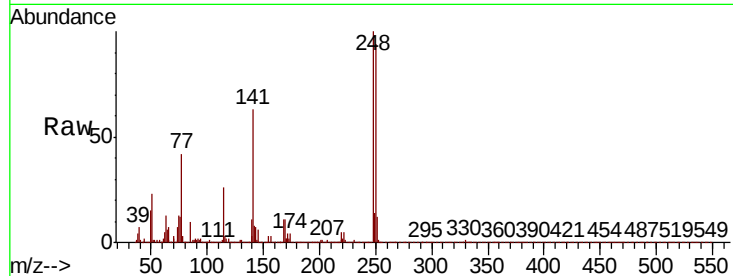
#67  
4-Bromophenyl-phenylether  
Concen: 4.868 ng  
RT: 14.98 min Scan# 2192  
Delta R.T. -0.00 min  
Lab File: BP001000.D  
Acq: 07 Nov 2019 12:37

Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2019

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 94.4  | 77.0  | 115.6 |
| 141     | 62.7  | 59.4  | 89.0  |

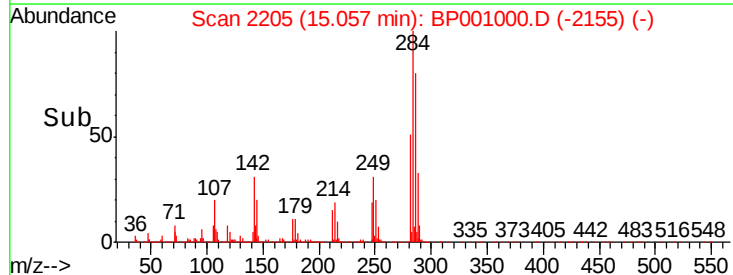
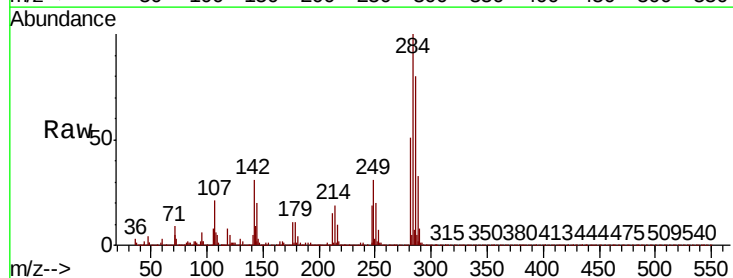
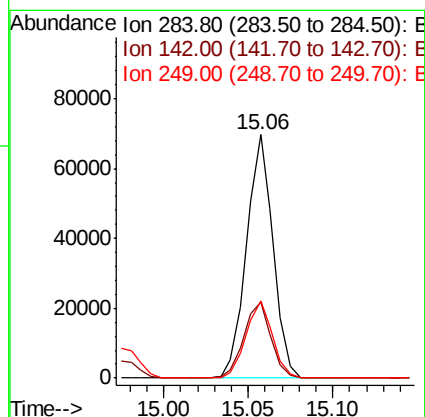
Manual Integrations  
APPROVED

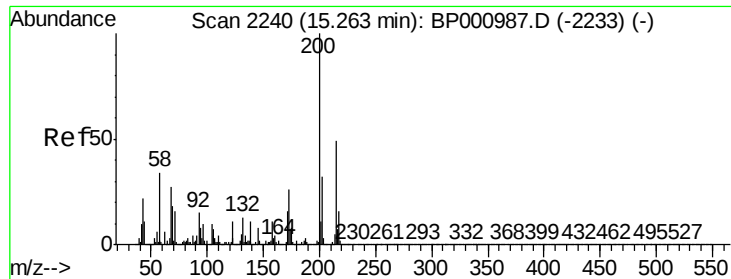
Sohil  
11/8/2019 3:33:48 PM



#68  
Hexachlorobenzene  
Concen: 4.950 ng  
RT: 15.06 min Scan# 2205  
Delta R.T. -0.01 min  
Lab File: BP001000.D  
Acq: 07 Nov 2019 12:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 31.2  | 25.8  | 38.8  |
| 249     | 31.5  | 25.4  | 38.0  |





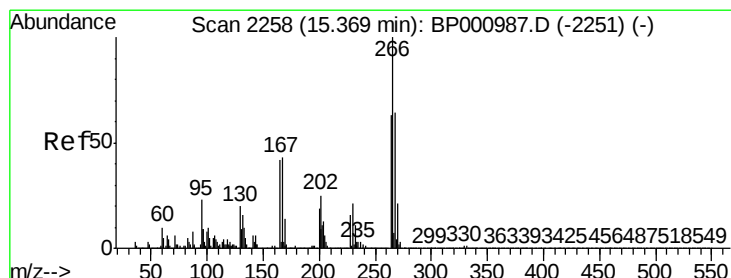
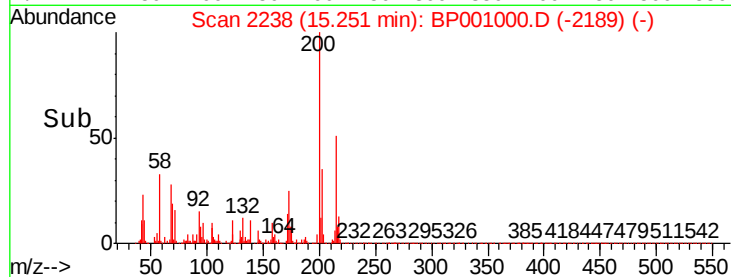
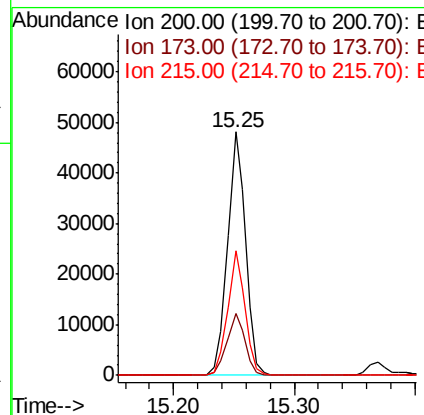
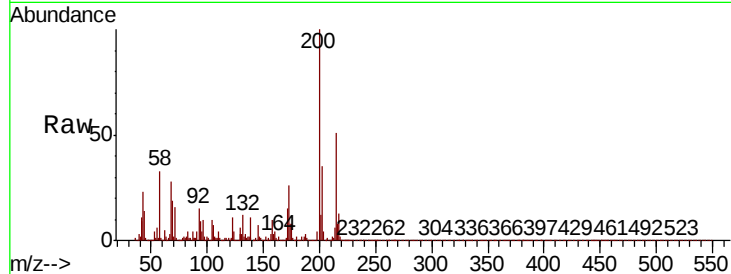
#69  
Atrazine  
Concen: 4.187 ng  
RT: 15.25 min Scan# 2238  
Delta R.T. -0.01 min  
Lab File: BP001000.D  
Acq: 07 Nov 2019 12:37

Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2019

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 25.6  | 5.8   | 45.8  |
| 215     | 51.3  | 28.6  | 68.6  |

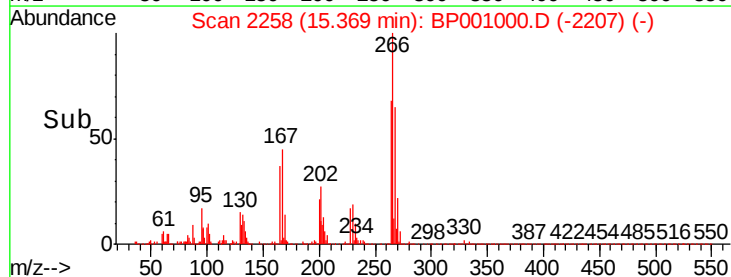
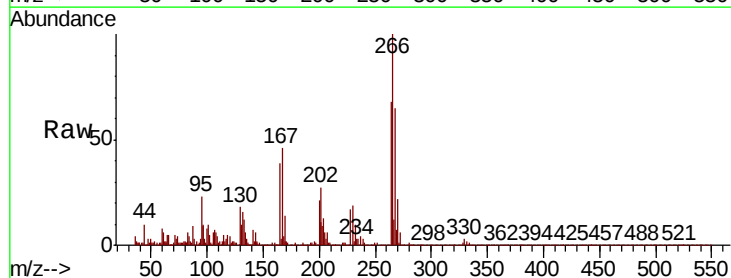
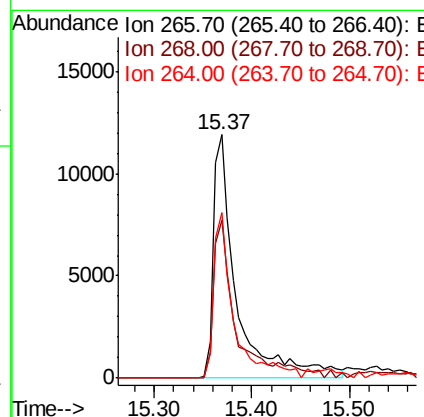
Manual Integrations  
APPROVED

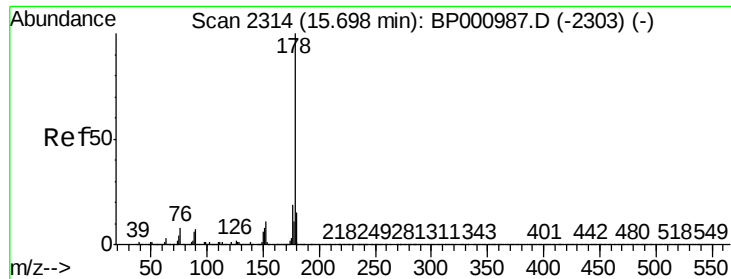
Sohil  
11/8/2019 3:33:48 PM



#70  
Pentachlorophenol  
Concen: 2.880 ng  
RT: 15.37 min Scan# 2258  
Delta R.T. -0.00 min  
Lab File: BP001000.D  
Acq: 07 Nov 2019 12:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 64.9  | 50.9  | 76.3  |
| 264     | 67.8  | 50.6  | 76.0  |





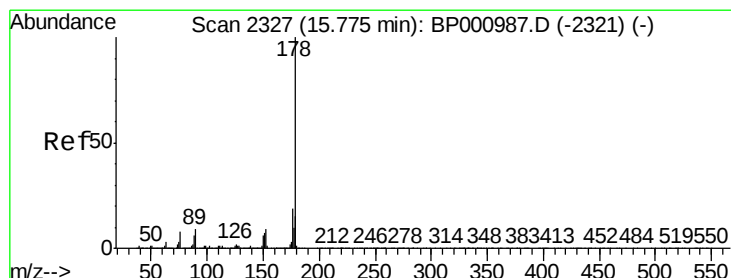
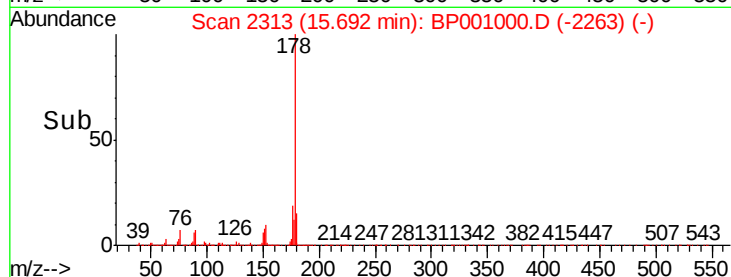
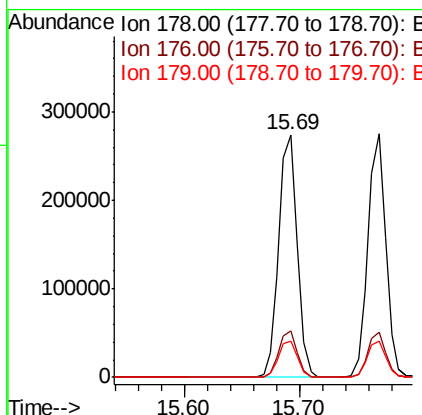
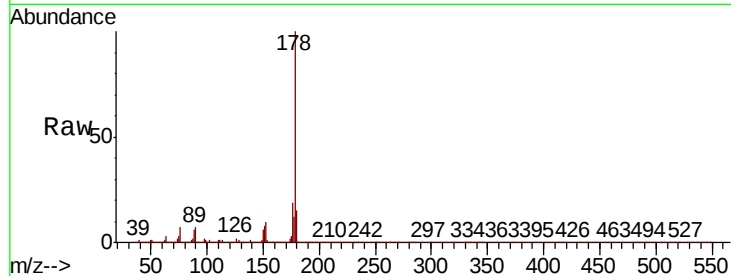
#71  
Phenanthrene  
Concen: 5.276 ng  
RT: 15.69 min Scan# 2313  
Delta R.T. -0.01 min  
Lab File: BP001000.D  
Acq: 07 Nov 2019 12:37

Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2019

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 178   | Resp: | 304521 |
| Ion Ratio | Lower | Upper |        |
| 178       | 100   |       |        |
| 176       | 19.2  | 15.5  | 23.3   |
| 179       | 14.7  | 12.3  | 18.5   |

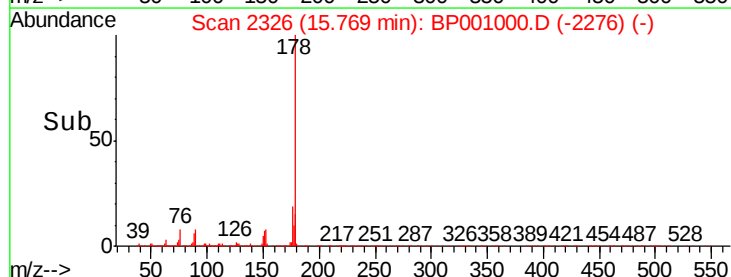
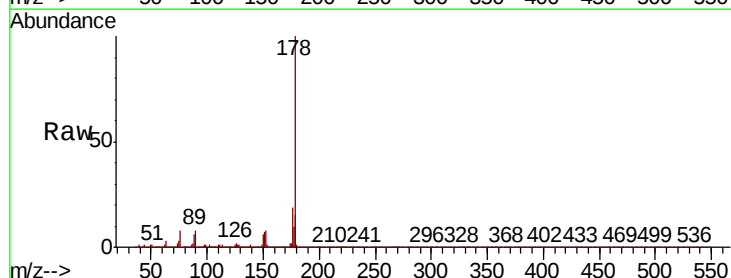
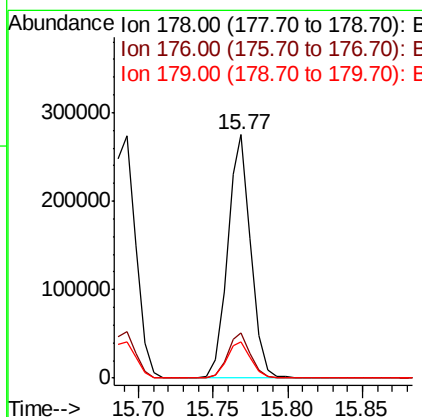
Manual Integrations  
APPROVED

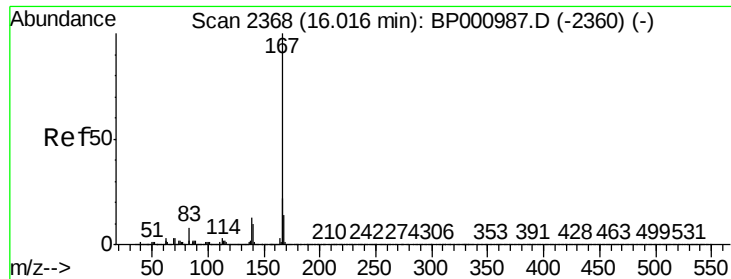
Sohil  
11/8/2019 3:33:48 PM



#72  
Anthracene  
Concen: 5.306 ng  
RT: 15.77 min Scan# 2326  
Delta R.T. -0.01 min  
Lab File: BP001000.D  
Acq: 07 Nov 2019 12:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 178   | Resp: | 298700 |
| Ion Ratio | Lower | Upper |        |
| 178       | 100   |       |        |
| 176       | 18.8  | 15.1  | 22.7   |
| 179       | 15.1  | 12.3  | 18.5   |





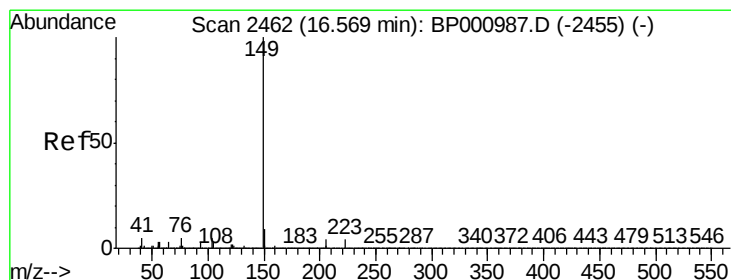
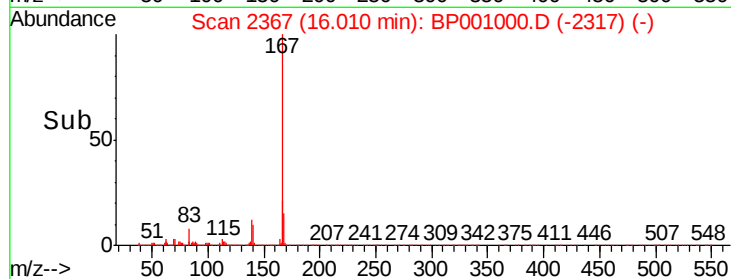
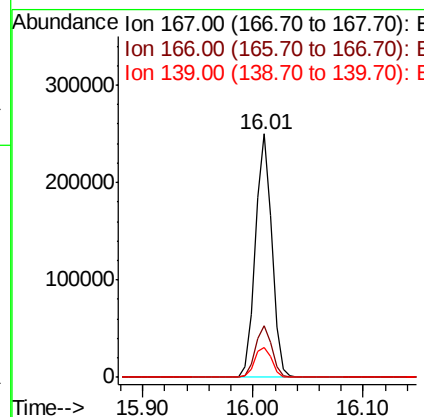
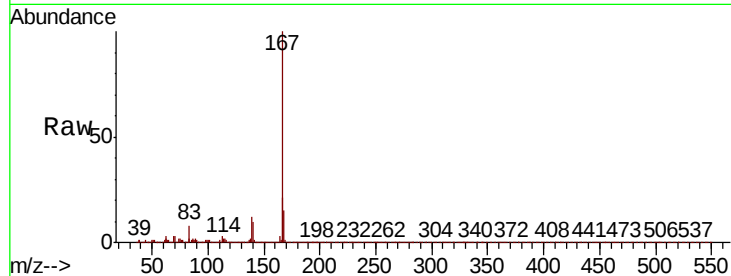
#73  
 Carbazole  
 Concen: 5.072 ng  
 RT: 16.01 min Scan# 2367  
 Delta R.T. -0.01 min  
 Lab File: BP001000.D  
 Acq: 07 Nov 2019 12:37

Instrument :  
 BNA\_P  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT4-2019

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 167   | Resp: | 261821 |
| Ion Ratio | Lower | Upper |        |
| 167       | 100   |       |        |
| 166       | 21.2  | 17.6  | 26.4   |
| 139       | 12.5  | 10.6  | 15.8   |

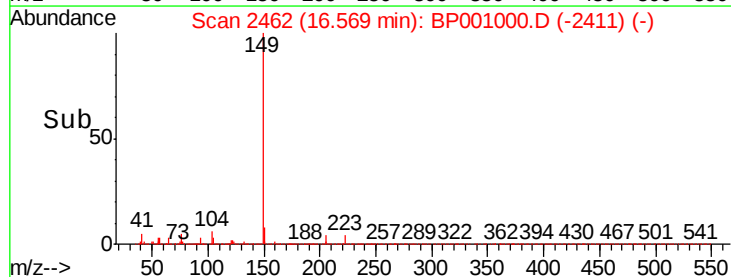
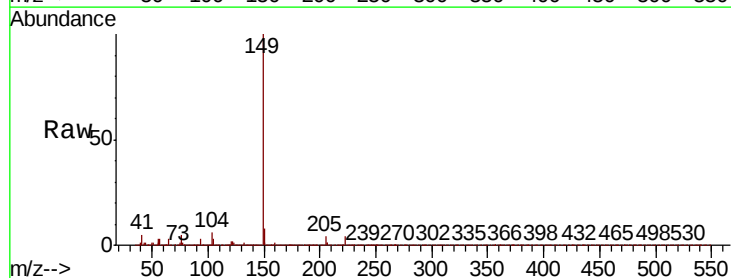
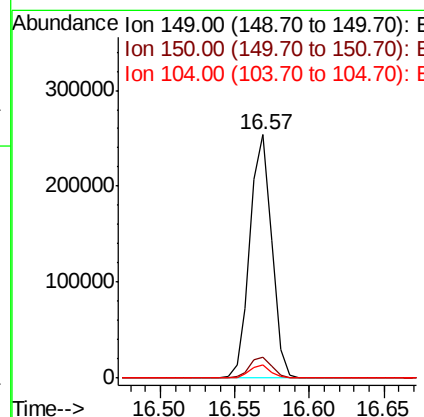
Manual Integrations  
 APPROVED

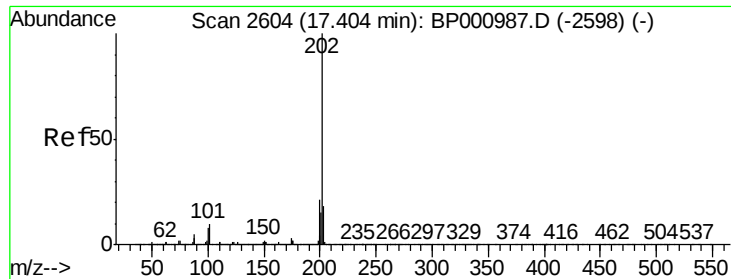
Sohil  
 11/8/2019 3:33:48 PM



#74  
 Di-n-butylphthalate  
 Concen: 4.108 ng  
 RT: 16.57 min Scan# 2462  
 Delta R.T. -0.00 min  
 Lab File: BP001000.D  
 Acq: 07 Nov 2019 12:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 255923 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 8.3   | 7.5   | 11.3   |
| 104       | 5.6   | 4.2   | 6.4    |





#75

Fluoranthene

Concen: 5.009 ng

RT: 17.40 min Scan# 2603

Delta R.T. -0.01 min

Lab File: BP001000.D

Acq: 07 Nov 2019 12:37

Instrument :

BNA\_P

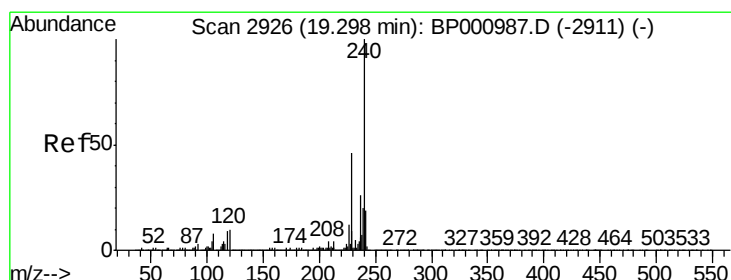
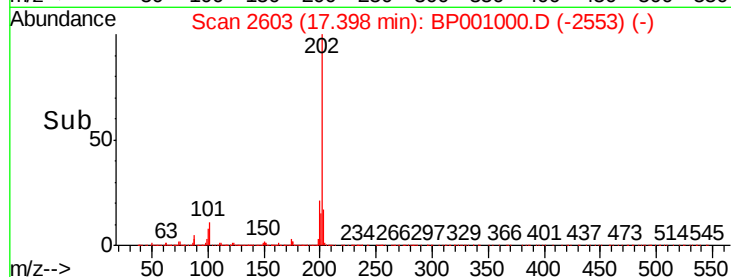
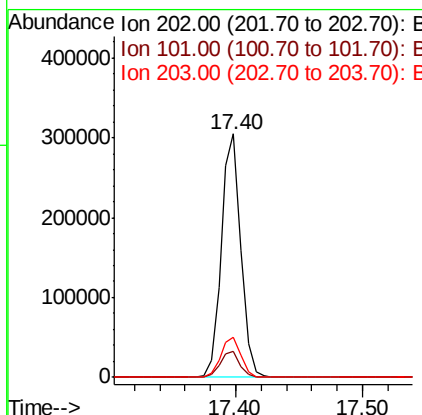
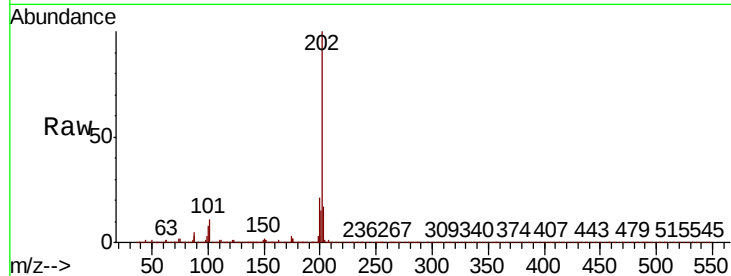
ClientSampleId :

LOD-MDL-WATER-01-QT4-2019

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 202     | 100  |       | 326781 |       |       |
| 101     | 10.6 | 0.0   | 30.1   |       |       |
| 203     | 16.7 | 0.0   | 37.7   |       |       |

Manual Integrations  
APPROVED

Sohil  
11/8/2019 3:33:48 PM



#76

Chrysene-d12

Concen: 20.000 ng

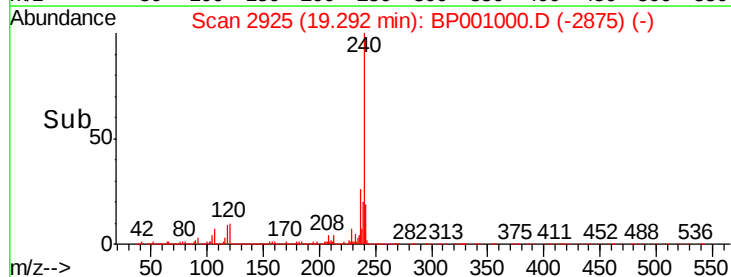
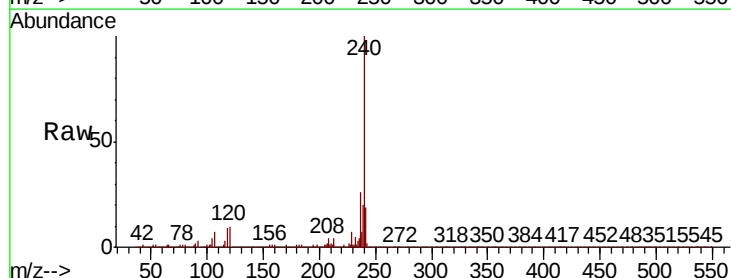
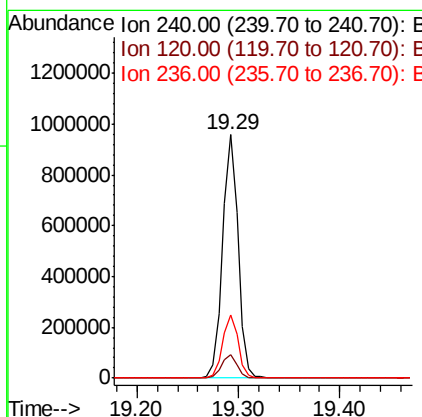
RT: 19.29 min Scan# 2925

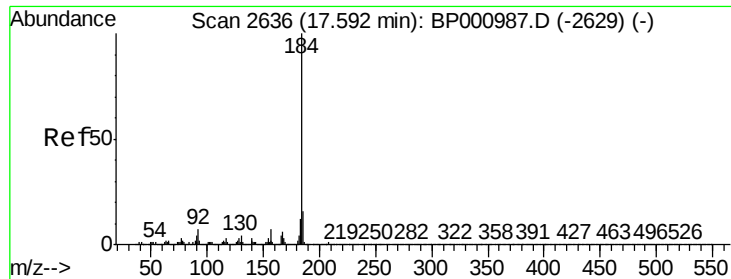
Delta R.T. -0.01 min

Lab File: BP001000.D

Acq: 07 Nov 2019 12:37

| Tgt Ion | Ion  | Ratio | Resp    | Lower | Upper |
|---------|------|-------|---------|-------|-------|
| 240     | 100  |       | 1016728 |       |       |
| 120     | 9.6  | 8.2   | 12.2    |       |       |
| 236     | 26.0 | 20.5  | 30.7    |       |       |





#77

Benzidine

Concen: 3.541 ng

RT: 17.59 min Scan# 2635

Delta R.T. -0.01 min

Lab File: BP001000.D

Acq: 07 Nov 2019 12:37

Instrument :

BNA\_P

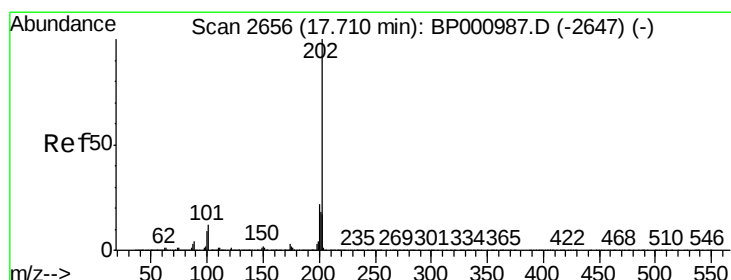
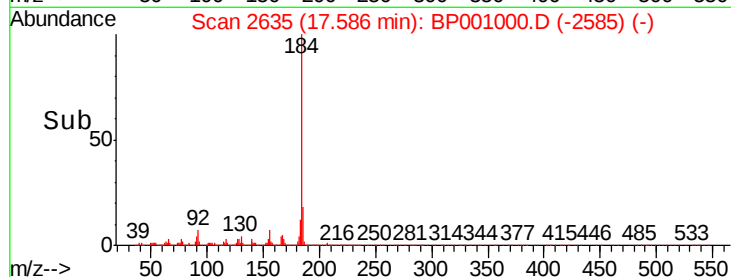
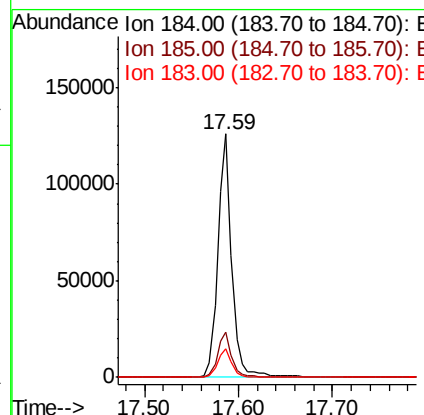
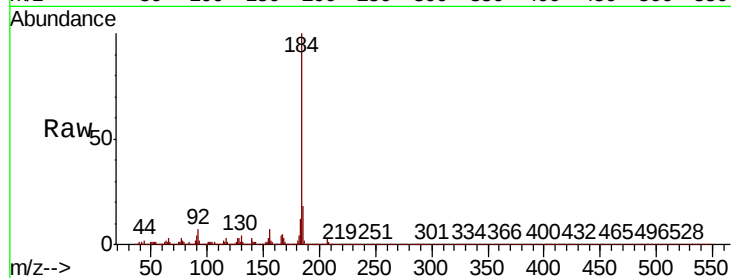
ClientSampleId :

LOD-MDL-WATER-01-QT4-2019

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 184   | Resp: | 132583 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 18.4  | 12.6  | 18.8   |
| 183       | 11.8  | 9.8   | 14.6   |

Manual Integrations  
APPROVED

Sohil  
11/8/2019 3:33:48 PM



#78

Pyrene

Concen: 4.901 ng

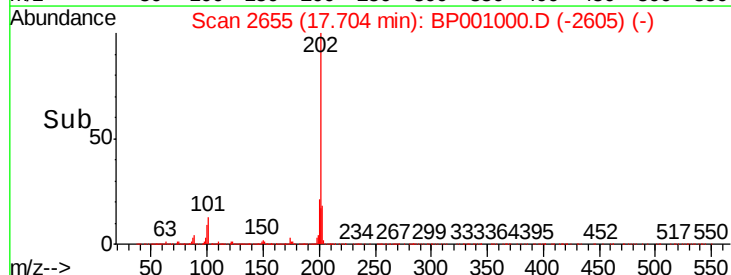
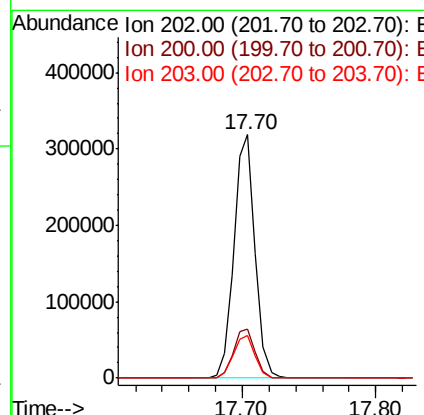
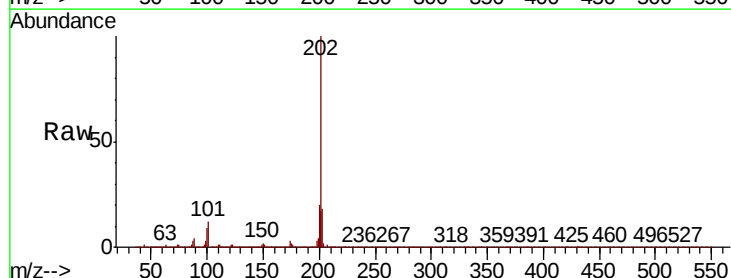
RT: 17.70 min Scan# 2655

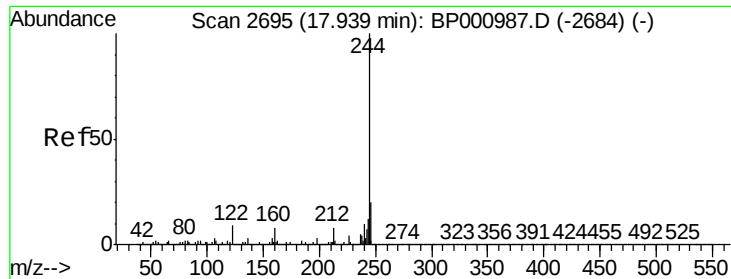
Delta R.T. -0.01 min

Lab File: BP001000.D

Acq: 07 Nov 2019 12:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 352134 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 200       | 20.4  | 17.2  | 25.8   |
| 203       | 17.8  | 14.0  | 21.0   |





#79

Terphenyl-d14

Concen: 93.761 ng

RT: 17.94 min Scan# 2695

Delta R.T. -0.00 min

Lab File: BP001000.D

Acq: 07 Nov 2019 12:37

Instrument :

BNA\_P

ClientSampleId :

LOD-MDL-WATER-01-QT4-2019

Tot Ion:244 Resp: 4792484

Ion Ratio Lower Upper

244 100

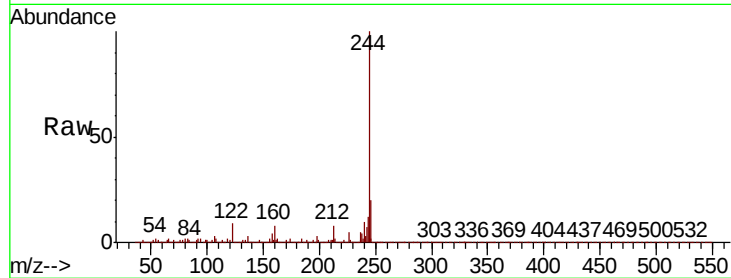
212 8.2 6.0 9.0

122 9.4 7.4 11.2

Manual Integrations  
APPROVED

Sohil

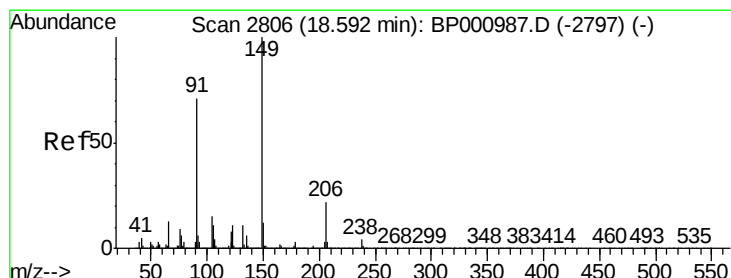
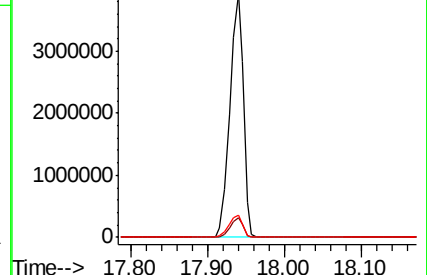
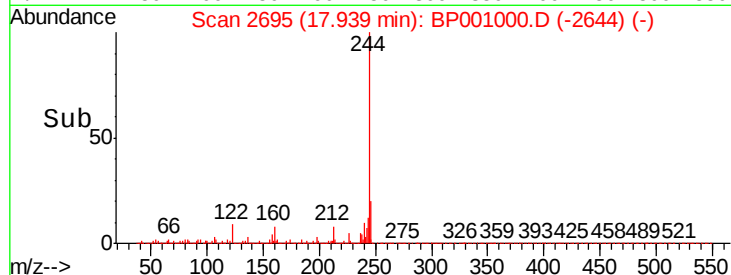
11/8/2019 3:33:48 PM



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



#80

Butylbenzylphthalate

Concen: 3.070 ng

RT: 18.59 min Scan# 2805

Delta R.T. -0.01 min

Lab File: BP001000.D

Acq: 07 Nov 2019 12:37

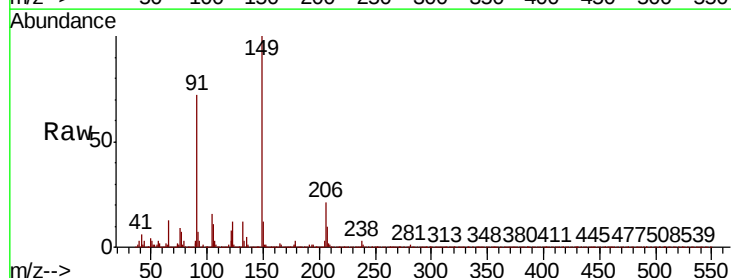
Tgt Ion:149 Resp: 87338

Ion Ratio Lower Upper

149 100

91 72.2 56.6 84.8

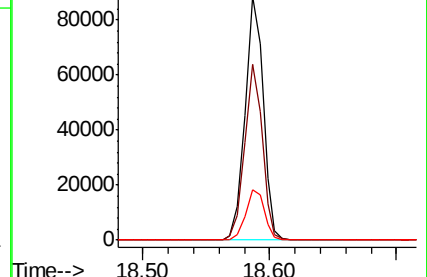
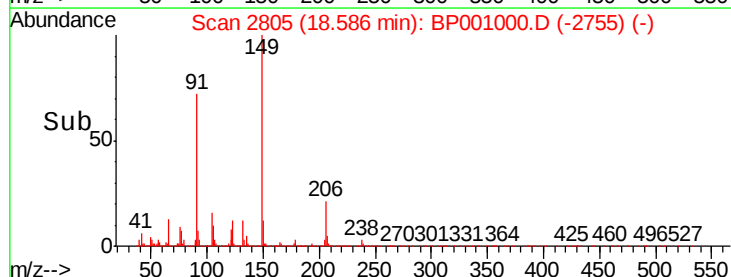
206 20.8 18.0 27.0

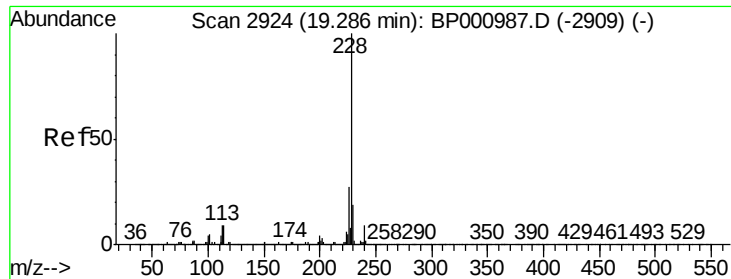


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 4.859 ng

RT: 19.28 min Scan# 2923

Delta R.T. -0.01 min

Lab File: BP001000.D

Acq: 07 Nov 2019 12:37

Instrument :

BNA\_P

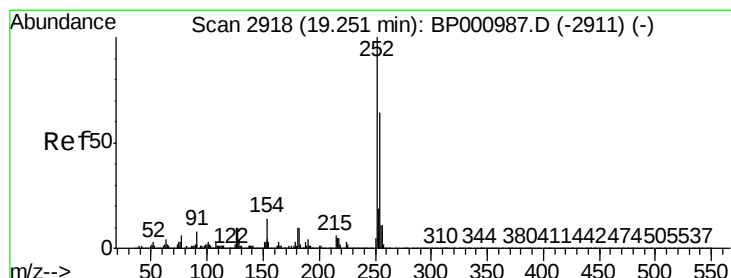
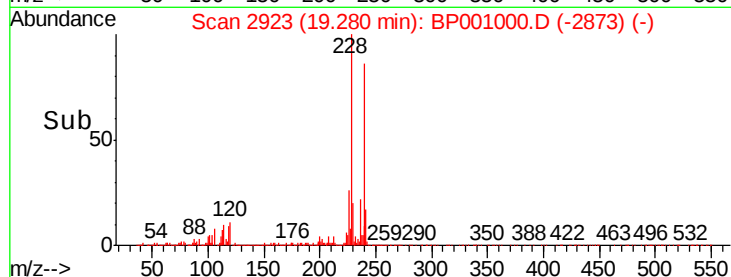
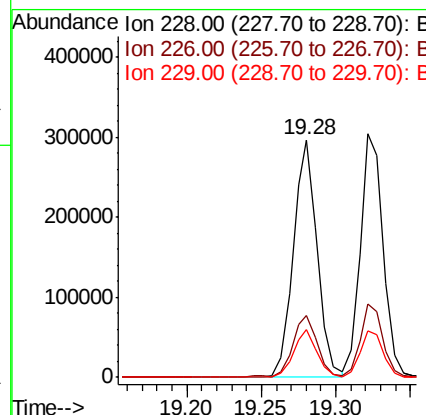
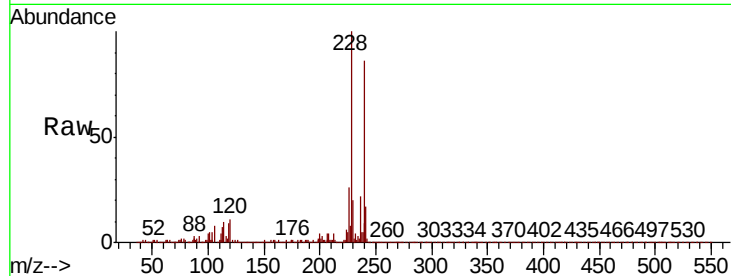
ClientSampleId :

LOD-MDL-WATER-01-QT4-2019

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 228   | Resp: | 332749 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 26.0  | 21.8  | 32.8   |
| 229       | 19.9  | 15.6  | 23.4   |

Manual Integrations  
APPROVED

Sohil  
11/8/2019 3:33:48 PM



#82

3,3'-Dichlorobenzidine

Concen: 4.369 ng

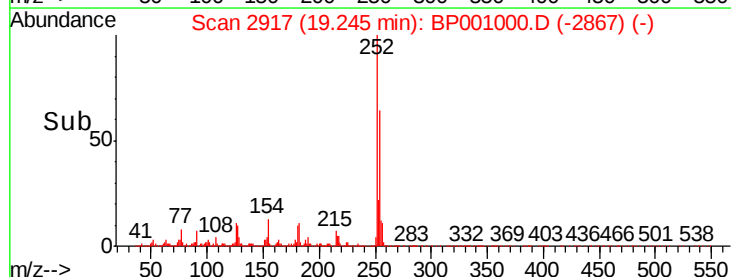
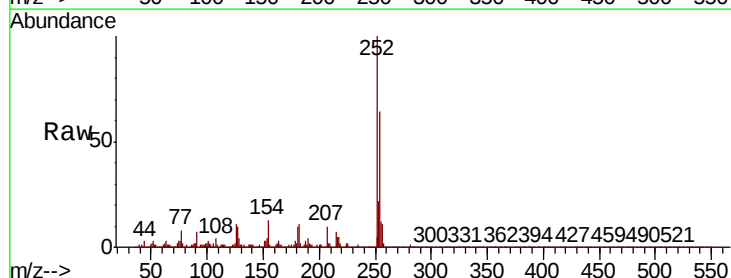
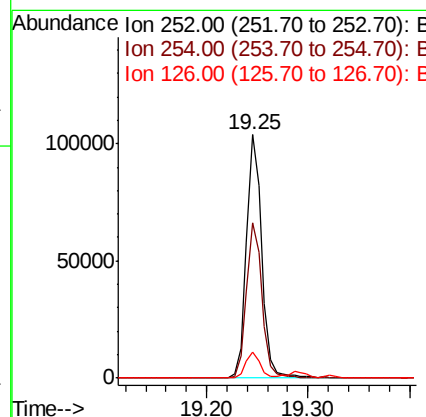
RT: 19.25 min Scan# 2917

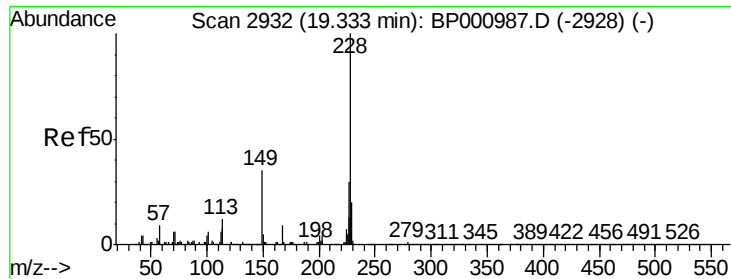
Delta R.T. -0.01 min

Lab File: BP001000.D

Acq: 07 Nov 2019 12:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 109087 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 254       | 63.7  | 51.1  | 76.7   |
| 126       | 10.9  | 8.3   | 12.5   |





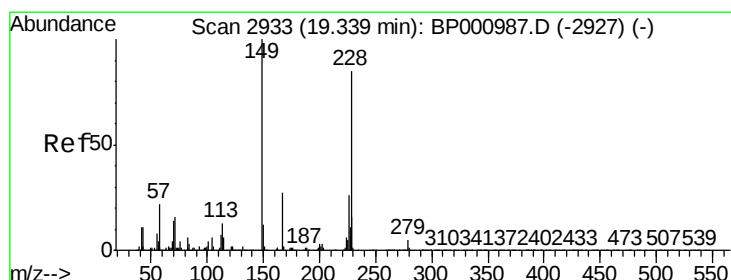
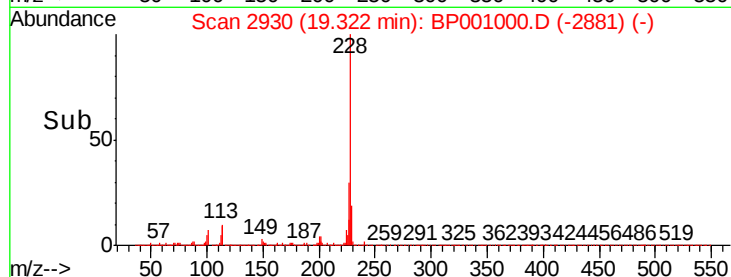
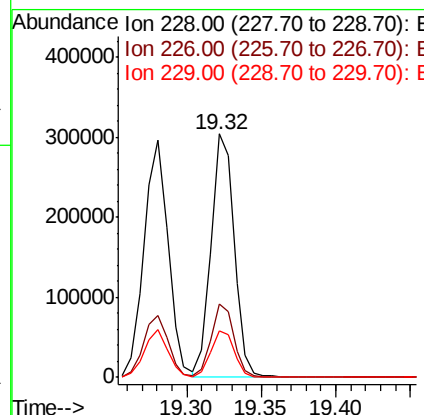
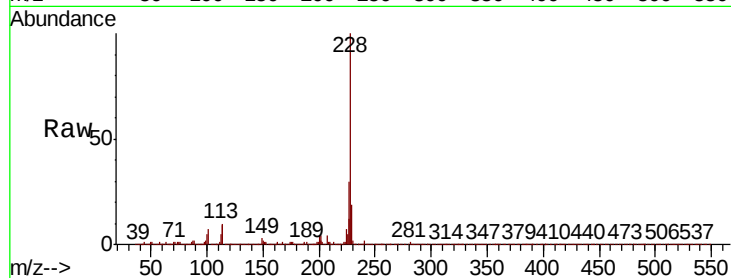
#83  
 Chrysene  
 Concen: 5.438 ng  
 RT: 19.32 min Scan# 2930  
 Delta R.T. -0.01 min  
 Lab File: BP001000.D  
 Acq: 07 Nov 2019 12:37

Instrument :  
 BNA\_P  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT4-2019

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.9  | 24.2  | 36.2  |
| 229     | 19.3  | 15.8  | 23.6  |

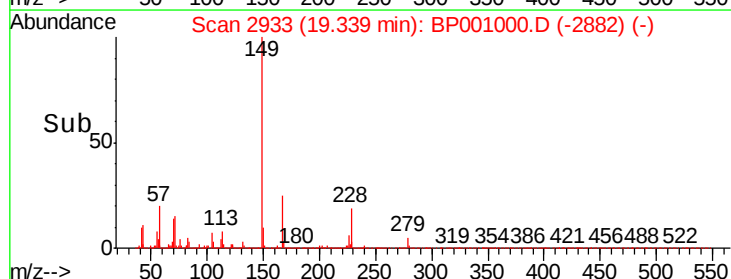
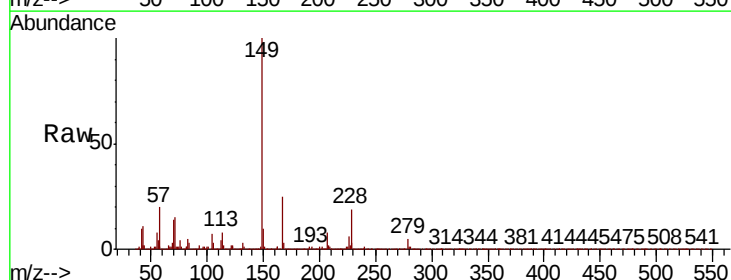
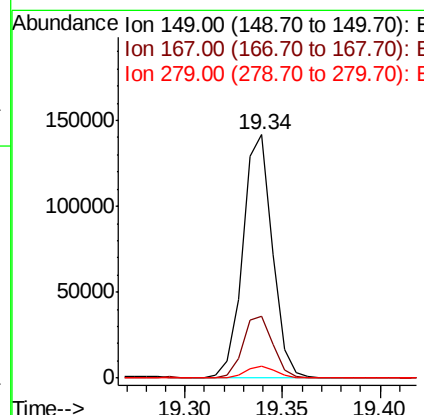
Manual Integrations  
 APPROVED

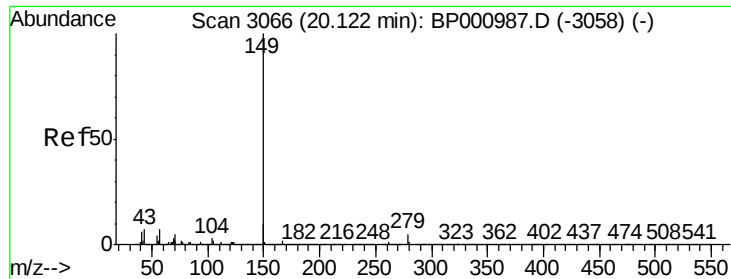
Sohil  
 11/8/2019 3:33:48 PM



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 4.094 ng  
 RT: 19.34 min Scan# 2933  
 Delta R.T. -0.00 min  
 Lab File: BP001000.D  
 Acq: 07 Nov 2019 12:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 25.5  | 21.4  | 32.2  |
| 279     | 4.9   | 3.7   | 5.5   |





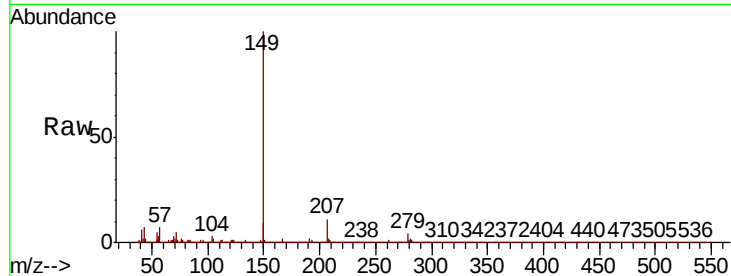
#85  
Di-n-octyl phthalate  
Concen: 2.932 ng  
RT: 20.12 min Scan# 3065  
Delta R.T. -0.01 min  
Lab File: BP001000.D  
Acq: 07 Nov 2019 12:37

Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2019

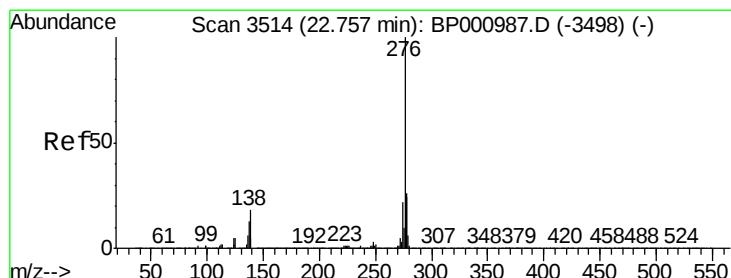
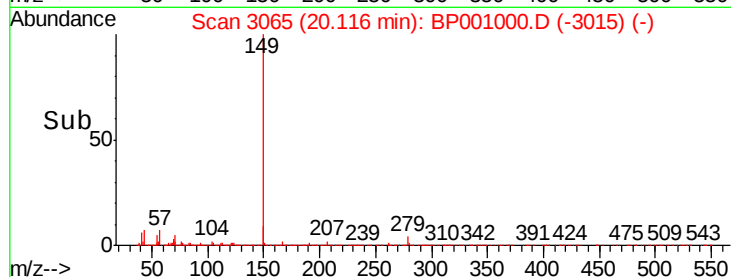
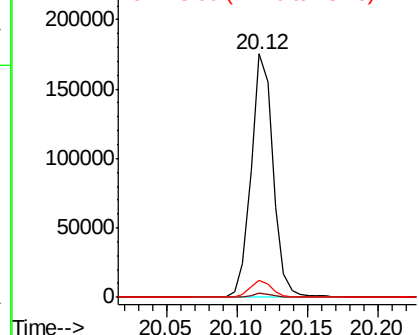
| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 149     | 100   |            |       |
| 167     | 1.6   | 1.3        | 1.9   |
| 43      | 7.4   | 5.6        | 8.4   |

Manual Integrations  
APPROVED

Sohil  
11/8/2019 3:33:48 PM



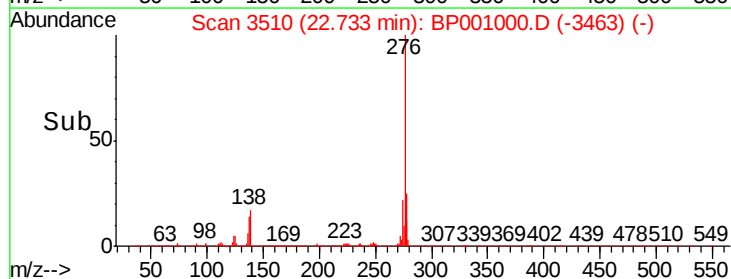
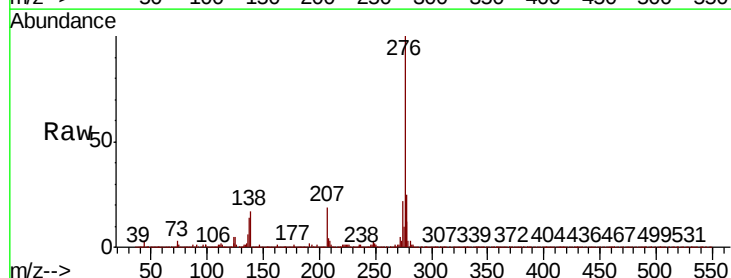
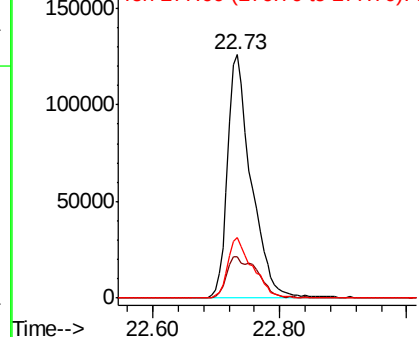
Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): E

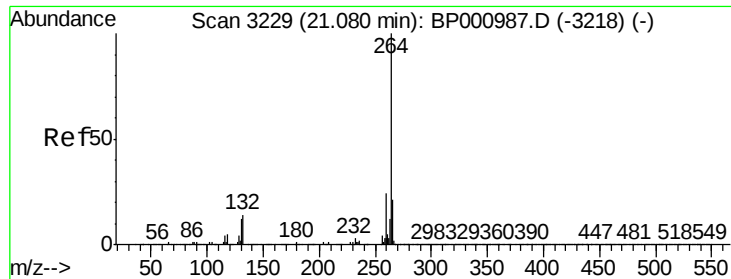


#86  
Indeno(1,2,3-cd)pyrene  
Concen: 3.962 ng  
RT: 22.73 min Scan# 3510  
Delta R.T. -0.02 min  
Lab File: BP001000.D  
Acq: 07 Nov 2019 12:37

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 276     | 100   |            |       |
| 138     | 22.1  | 17.6       | 26.4  |
| 277     | 25.9  | 20.2       | 30.4  |

Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 138.00 (137.70 to 138.70): E  
Ion 277.00 (276.70 to 277.70): E





#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 21.07 min Scan# 3228  
Delta R.T. -0.01 min  
Lab File: BP001000.D  
Acq: 07 Nov 2019 12:37

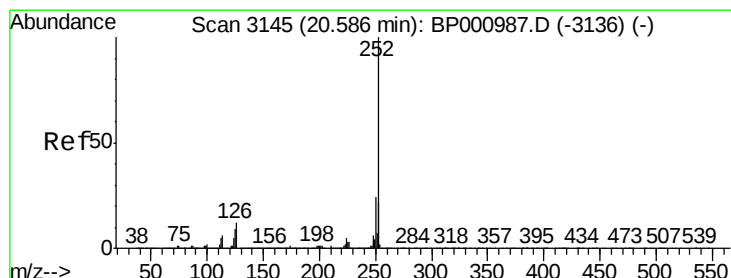
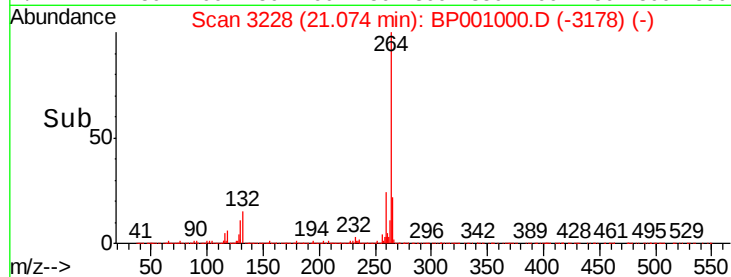
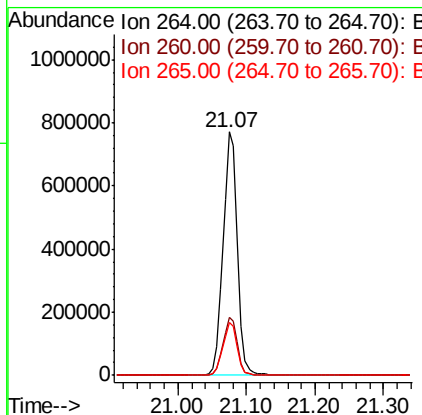
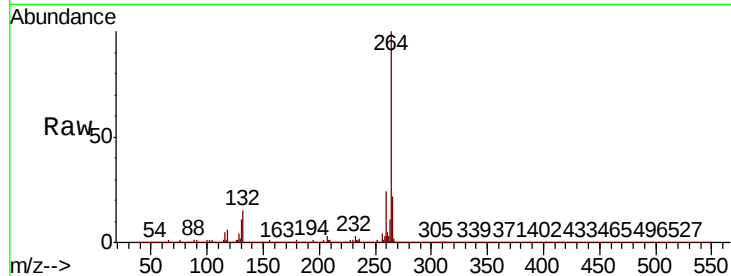
Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2019

Tot Ion:264 Resp: 1108178  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.7  | 18.8  | 28.2  |
| 265 | 21.8  | 17.1  | 25.7  |

Manual Integrations  
APPROVED

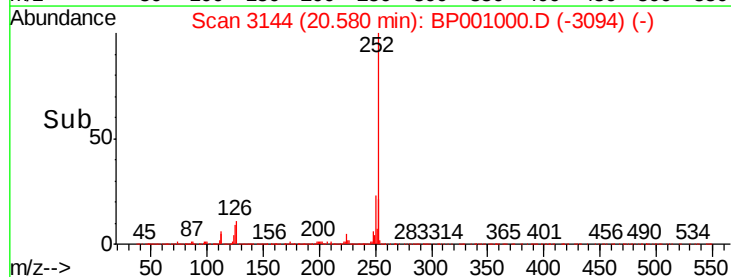
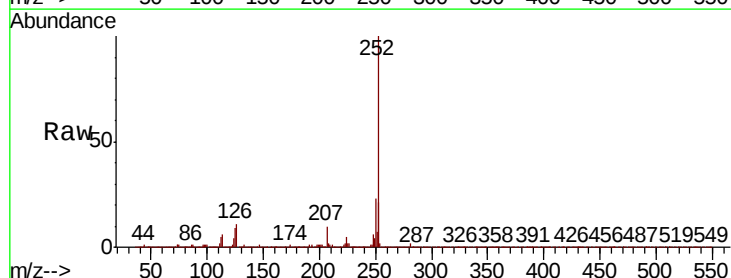
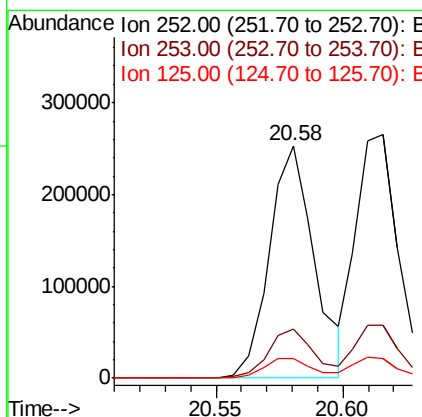
Sohil  
11/8/2019 3:33:48 PM

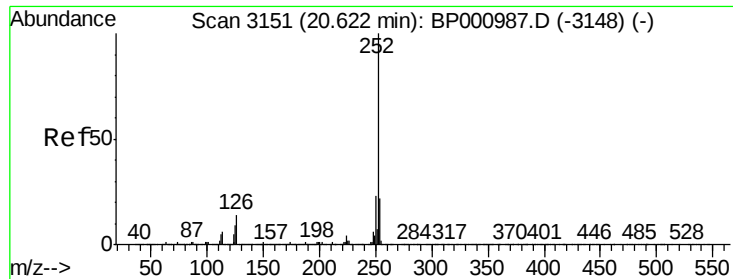


#88  
Benzo(b)fluoranthene  
Concen: 4.742 ng  
RT: 20.58 min Scan# 3144  
Delta R.T. -0.01 min  
Lab File: BP001000.D  
Acq: 07 Nov 2019 12:37

Tgt Ion:252 Resp: 313275  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 21.3  | 17.9  | 26.9  |
| 125 | 8.6   | 7.3   | 10.9  |





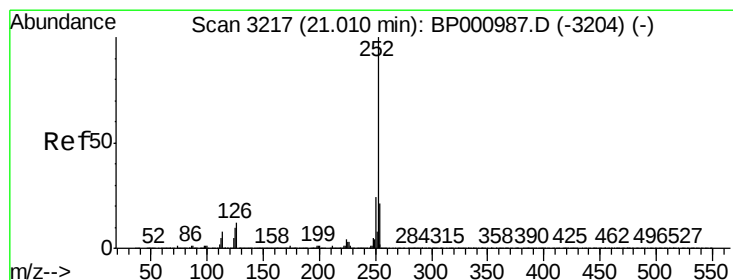
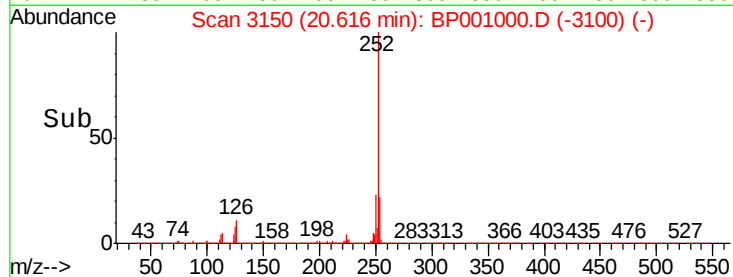
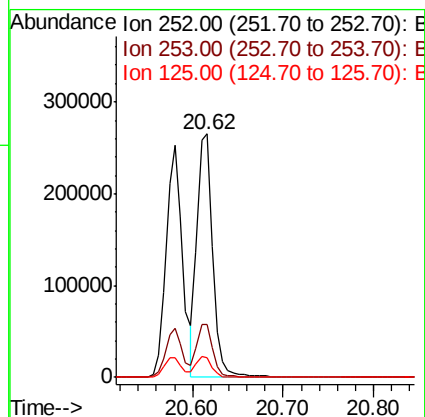
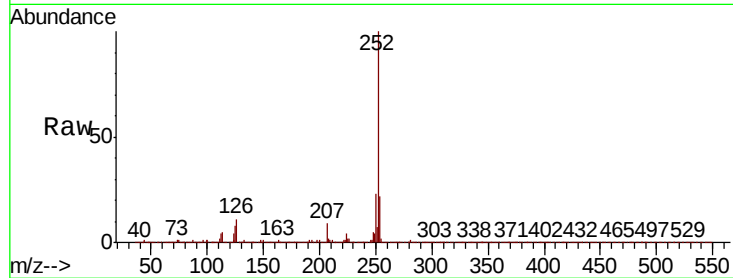
#89  
Benzo(k)fluoranthene  
Concen: 5.089 ng  
RT: 20.62 min Scan# 3150  
Delta R.T. -0.01 min  
Lab File: BP001000.D  
Acq: 07 Nov 2019 12:37

Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2019

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.9  | 17.7  | 26.5  |
| 125     | 8.1   | 7.3   | 10.9  |

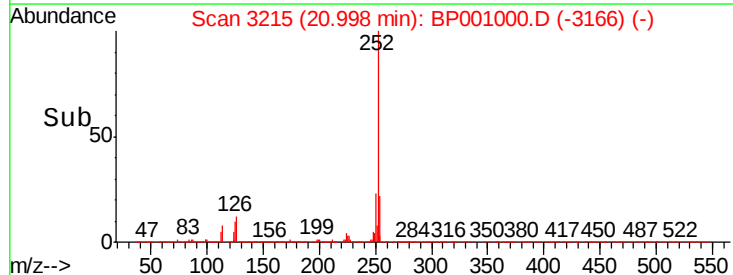
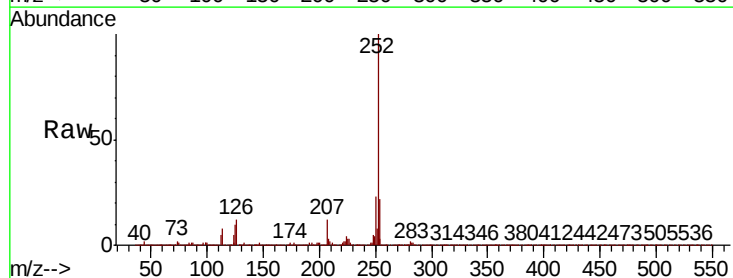
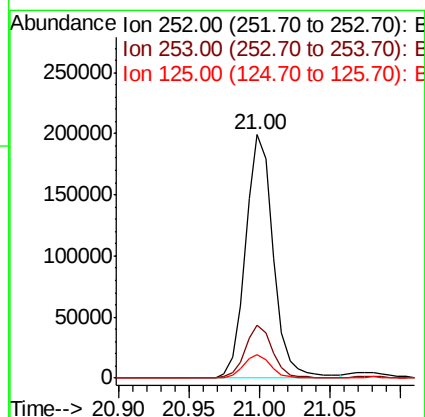
Manual Integrations  
APPROVED

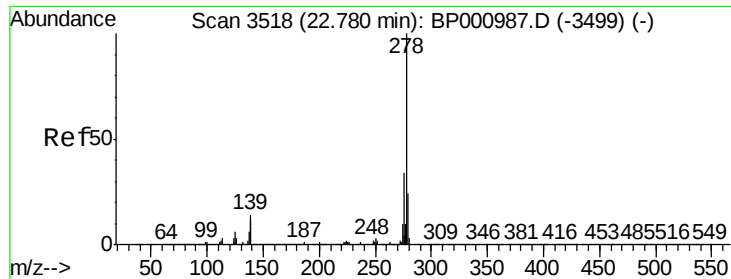
Sohil  
11/8/2019 3:33:48 PM



#90  
Benzo(a)pyrene  
Concen: 4.495 ng  
RT: 21.00 min Scan# 3215  
Delta R.T. -0.01 min  
Lab File: BP001000.D  
Acq: 07 Nov 2019 12:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.6  | 17.1  | 25.7  |
| 125     | 9.8   | 7.6   | 11.4  |





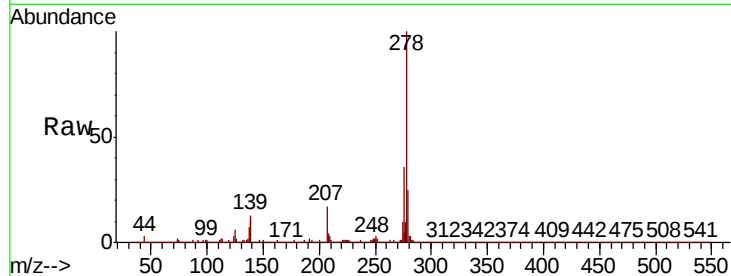
#91  
Dibenzo(a,h)anthracene  
Concen: 4.583 ng  
RT: 22.76 min Scan# 3515  
Delta R.T. -0.02 min  
Lab File: BP001000.D  
Acq: 07 Nov 2019 12:37

Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2019

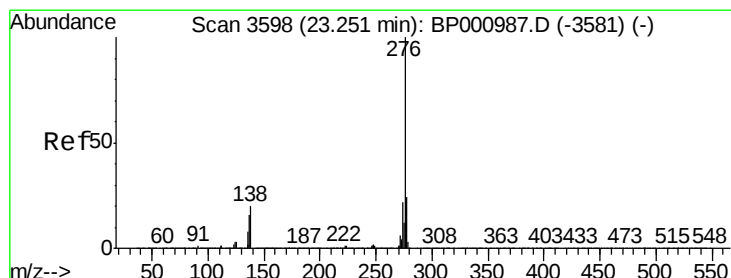
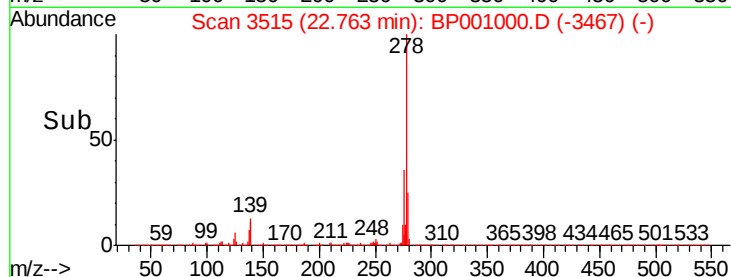
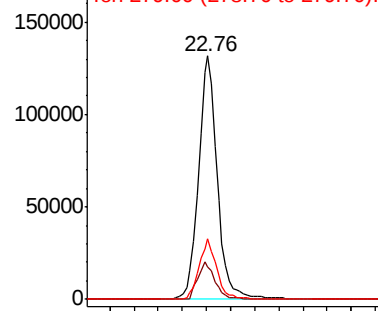
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 13.4  | 11.3  | 16.9  |
| 279     | 24.9  | 19.1  | 28.7  |

Manual Integrations  
APPROVED

Sohil  
11/8/2019 3:33:48 PM

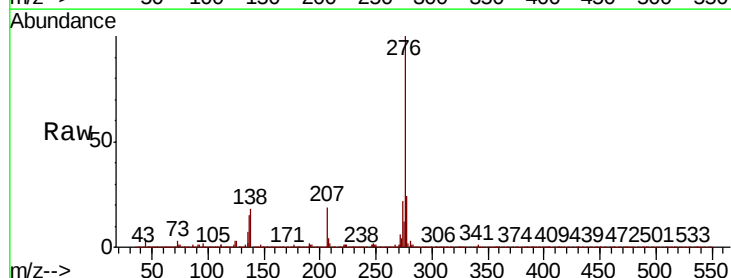


Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E

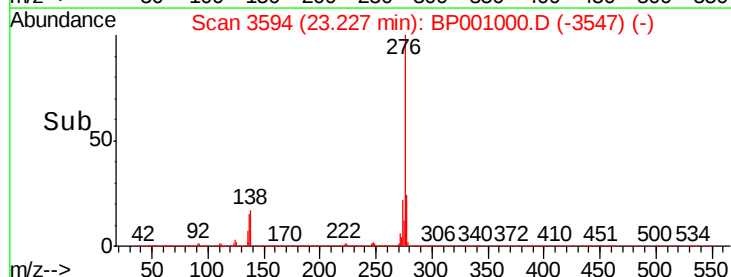
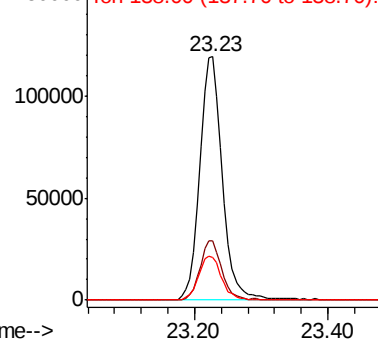


#92  
Benzo(g,h,i)perylene  
Concen: 4.544 ng  
RT: 23.23 min Scan# 3594  
Delta R.T. -0.02 min  
Lab File: BP001000.D  
Acq: 07 Nov 2019 12:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.1  | 19.0  | 28.4  |
| 138     | 17.5  | 15.7  | 23.5  |



Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 277.00 (276.70 to 277.70): E  
Ion 138.00 (137.70 to 138.70): E



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP110719\  
 Data File : BP001000.D  
 Acq On : 07 Nov 2019 12:37  
 Operator : JU  
 Sample : K5111-07  
 Misc : LOD-MDL-W-5PPM  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT4-2019

Manual Integrations  
 APPROVED

Sohil  
 11/8/2019 3:33:48 PM

Quant Time: Nov 07 14:34:28 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP110619.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Nov 07 11:57:49 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.38  | 152  | 232519   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.40 | 136  | 896968   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 13.26 | 164  | 541629   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 15.66 | 188  | 1127625  | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 19.29 | 240  | 1016728  | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 21.07 | 264  | 1108178  | 20.00 | ng    | 0.00     |

|                             |       |     |         |        |    |      |
|-----------------------------|-------|-----|---------|--------|----|------|
| System Monitoring Compounds |       |     |         |        |    |      |
| 5) 2-Fluorophenol           | 6.30  | 112 | 1805634 | 141.35 | ng | 0.00 |
| 7) Phenol-d6                | 7.82  | 99  | 2269243 | 140.47 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 9.25  | 82  | 1633644 | 100.75 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 14.56 | 330 | 933171  | 144.32 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 12.18 | 172 | 3589172 | 99.80  | ng | 0.00 |
| 79) Terphenyl-d14           | 17.94 | 244 | 4792484 | 93.76  | ng | 0.00 |

|                                |       |     |        |          |        |
|--------------------------------|-------|-----|--------|----------|--------|
| Target Compounds               |       |     |        |          | Qvalue |
| 2) 1,4-Dioxane                 | 2.85  | 88  | 25900  | 4.663 ng | 95     |
| 3) Pyridine                    | 3.78  | 79  | 57200  | 3.895 ng | 98     |
| 4) n-Nitrosodimethylamine      | 3.60  | 42  | 21306  | 4.163 ng | 95     |
| 6) Aniline                     | 7.86  | 93  | 112352 | 5.325 ng | 99     |
| 8) 2-Chlorophenol              | 8.04  | 128 | 72831  | 5.376 ng | 99     |
| 9) Benzaldehyde                | 7.68  | 77  | 62143  | 5.513 ng | 96     |
| 10) Phenol                     | 7.83  | 94  | 88239m | 4.994 ng |        |
| 11) bis(2-Chloroethyl)ether    | 7.98  | 93  | 72924  | 5.302 ng | 98     |
| 12) 1,3-Dichlorobenzene        | 8.28  | 146 | 86540  | 5.092 ng | 99     |
| 13) 1,4-Dichlorobenzene        | 8.40  | 146 | 87879  | 5.133 ng | 98     |
| 14) 1,2-Dichlorobenzene        | 8.64  | 146 | 83612  | 5.282 ng | 99     |
| 15) Benzyl Alcohol             | 8.60  | 79  | 90632  | 7.362 ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.83  | 45  | 72047  | 5.015 ng | 98     |
| 17) 2-Methylphenol             | 8.78  | 107 | 59586  | 5.181 ng | 98     |
| 18) Hexachloroethane           | 9.18  | 117 | 30992  | 4.929 ng | 94     |
| 19) n-Nitroso-di-n-propylamine | 9.03  | 70  | 52428  | 5.405 ng | 98     |
| 20) 3+4-Methylphenols          | 9.03  | 107 | 78326  | 5.489 ng | 97     |
| 22) Acetophenone               | 9.01  | 105 | 110363 | 4.764 ng | # 99   |
| 24) Nitrobenzene               | 9.28  | 77  | 85876  | 5.278 ng | 98     |
| 25) Isophorone                 | 9.67  | 82  | 145588 | 4.878 ng | 99     |
| 26) 2-Nitrophenol              | 9.79  | 139 | 22492  | 3.699 ng | 97     |
| 27) 2,4-Dimethylphenol         | 9.88  | 122 | 64028  | 5.623 ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 10.03 | 93  | 93537  | 4.793 ng | 98     |
| 29) 2,4-Dichlorophenol         | 10.18 | 162 | 59922  | 4.360 ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 10.32 | 180 | 82175  | 4.867 ng | 99     |
| 31) Naphthalene                | 10.43 | 128 | 232415 | 5.186 ng | 99     |
| 32) Benzoic acid               | 9.96  | 122 | 5564m  | 0.903 ng |        |
| 33) 4-Chloroaniline            | 10.53 | 127 | 91998  | 4.787 ng | 99     |
| 34) Hexachlorobutadiene        | 10.66 | 225 | 52931  | 4.745 ng | 97     |
| 35) Caprolactam                | 11.04 | 113 | 17530  | 4.041 ng | 96     |
| 36) 4-Chloro-3-methylphenol    | 11.32 | 107 | 65726  | 4.606 ng | 97     |
| 37) 2-Methylnaphthalene        | 11.56 | 142 | 163631 | 5.217 ng | 100    |
| 38) 1-Methylnaphthalene        | 11.72 | 142 | 156162 | 5.269 ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 11.84 | 216 | 93730  | 5.197 ng | 98     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP110719\  
 Data File : BP001000.D  
 Acq On : 07 Nov 2019 12:37  
 Operator : JU  
 Sample : K5111-07  
 Misc : LOD-MDL-W-5PPM  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT4-2019

Manual Integrations  
 APPROVED

Sohil  
 11/8/2019 3:33:48 PM

Quant Time: Nov 07 14:34:28 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP110619.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Nov 07 11:57:49 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 11.83 | 237  | 49546    | 5.484 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol      | 12.03 | 196  | 42205    | 3.881 | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 12.07 | 196  | 51012    | 4.388 | ng    | 99       |
| 46) 1,1'-Biphenyl              | 12.33 | 154  | 214673   | 5.301 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 12.36 | 162  | 165055   | 5.063 | ng    | 98       |
| 48) 2-Nitroaniline             | 12.52 | 65   | 30646    | 3.591 | ng    | 95       |
| 49) Acenaphthylene             | 13.03 | 152  | 254717   | 5.139 | ng    | 99       |
| 50) Dimethylphthalate          | 12.85 | 163  | 198798   | 4.964 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 12.93 | 165  | 35676    | 4.270 | ng    | 94       |
| 52) Acenaphthene               | 13.32 | 154  | 151721   | 5.118 | ng    | 99       |
| 53) 3-Nitroaniline             | 13.18 | 138  | 34388    | 3.774 | ng    | # 95     |
| 54) 2,4-Dinitrophenol          | 13.36 | 184  | 3594     | 1.745 | ng    | 88       |
| 55) Dibenzofuran               | 13.60 | 168  | 249116   | 5.380 | ng    | 98       |
| 56) 4-Nitrophenol              | 13.46 | 139  | 21538    | 3.399 | ng    | 97       |
| 57) 2,4-Dinitrotoluene         | 13.58 | 165  | 40042    | 3.816 | ng    | # 97     |
| 58) Fluorene                   | 14.16 | 166  | 190918   | 5.181 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 13.80 | 232  | 34656    | 3.506 | ng    | 97       |
| 60) Diethylphthalate           | 14.02 | 149  | 191754   | 4.767 | ng    | 97       |
| 61) 4-Chlorophenyl-phenylether | 14.18 | 204  | 105614   | 5.421 | ng    | 98       |
| 62) 4-Nitroaniline             | 12.52 | 138  | 34499    | 3.531 | ng    | 98       |
| 63) Azobenzene                 | 14.44 | 77   | 173716   | 4.934 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 14.25 | 198  | 8275     | 2.601 | ng    | 93       |
| 66) n-Nitrosodiphenylamine     | 14.37 | 169  | 167228   | 5.158 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether  | 14.98 | 248  | 64615    | 4.868 | ng    | 93       |
| 68) Hexachlorobenzene          | 15.06 | 284  | 76154    | 4.950 | ng    | 99       |
| 69) Atrazine                   | 15.25 | 200  | 49432    | 4.187 | ng    | 97       |
| 70) Pentachlorophenol          | 15.37 | 266  | 19722    | 2.880 | ng    | 96       |
| 71) Phenanthrene               | 15.69 | 178  | 304521   | 5.276 | ng    | 99       |
| 72) Anthracene                 | 15.77 | 178  | 298700   | 5.306 | ng    | 100      |
| 73) Carbazole                  | 16.01 | 167  | 261821   | 5.072 | ng    | 98       |
| 74) Di-n-butylphthalate        | 16.57 | 149  | 255923   | 4.108 | ng    | 98       |
| 75) Fluoranthene               | 17.40 | 202  | 326781   | 5.009 | ng    | 98       |
| 77) Benzidine                  | 17.59 | 184  | 132583   | 3.541 | ng    | 96       |
| 78) Pyrene                     | 17.70 | 202  | 352134   | 4.901 | ng    | 98       |
| 80) Butylbenzylphthalate       | 18.59 | 149  | 87338    | 3.070 | ng    | 98       |
| 81) Benzo(a)anthracene         | 19.28 | 228  | 332749   | 4.859 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine     | 19.25 | 252  | 109087   | 4.369 | ng    | 100      |
| 83) Chrysene                   | 19.32 | 228  | 326928   | 5.438 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 19.34 | 149  | 148088   | 4.094 | ng    | 98       |
| 85) Di-n-octyl phthalate       | 20.12 | 149  | 190965   | 2.932 | ng    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 22.73 | 276  | 325904   | 3.962 | ng    | 99       |
| 88) Benzo(b)fluoranthene       | 20.58 | 252  | 313275   | 4.742 | ng    | 98       |
| 89) Benzo(k)fluoranthene       | 20.62 | 252  | 316442   | 5.089 | ng    | 99       |
| 90) Benzo(a)pyrene             | 21.00 | 252  | 273044   | 4.495 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 22.76 | 278  | 284120   | 4.583 | ng    | 98       |
| 92) Benzo(g,h,i)perylene       | 23.23 | 276  | 283632   | 4.544 | ng    | 97       |

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