

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072820\  
 Data File : BM026932.D  
 Acq On : 29 Jul 2020 18:53  
 Operator : JU/CG  
 Sample : L1955-10  
 Misc : MDL-WATER-03  
 ALS Vial : 49 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleID :  
 MDL-WATER-03

Manual Integrations  
 APPROVED

mohammad  
 7/30/2020 3:32:49 PM

Quant Time: Jul 30 01:30:42 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM072720MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jul 30 01:20:34 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.67  | 152  | 53874    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.44 | 136  | 199215   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.30 | 164  | 124366   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.04 | 188  | 268159   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.23 | 240  | 295390   | 20.00 | ng/ul | -0.01    |
| 86) Perylene-d12          | 23.44 | 264  | 311633   | 20.00 | ng/ul | -0.01    |

## System Monitoring Compounds

|                                |       |     |        |       |       |       |
|--------------------------------|-------|-----|--------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.22  | 96  | 8787   | 7.44  | ng/uL | 0.00  |
| 5) Phenol-d5                   | 6.84  | 99  | 140669 | 29.81 | ng/ul | 0.00  |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.01  | 67  | 102813 | 32.18 | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 7.20  | 132 | 111622 | 31.60 | ng/ul | 0.00  |
| 13) 4-Methylphenol-d8          | 8.37  | 113 | 109731 | 30.22 | ng/ul | 0.00  |
| 19) Nitrobenzene-d5            | 8.81  | 128 | 51058  | 32.95 | ng/ul | 0.00  |
| 22) 2-Nitrophenol-d4           | 9.53  | 143 | 47603  | 33.51 | ng/ul | 0.00  |
| 26) 2,4-Dichlorophenol-d3      | 10.07 | 165 | 107501 | 31.70 | ng/ul | 0.00  |
| 29) 4-Chloroaniline-d4         | 10.57 | 131 | 128045 | 31.67 | ng/ul | 0.00  |
| 44) Dimethylphthalate-d6       | 13.71 | 166 | 319251 | 32.74 | ng/ul | 0.00  |
| 47) Acenaphthylene-d8          | 13.99 | 160 | 408093 | 32.89 | ng/ul | 0.00  |
| 52) 4-Nitrophenol-d4           | 14.49 | 143 | 50428  | 30.57 | ng/ul | 0.00  |
| 58) Fluorene-d10               | 15.29 | 176 | 283626 | 33.43 | ng/ul | 0.00  |
| 63) 4,6-Dinitro-2-methylphenol | 15.41 | 200 | 33862  | 28.33 | ng/ul | 0.00  |
| 71) Anthracene-d10             | 17.14 | 188 | 435428 | 32.49 | ng/ul | 0.00  |
| 79) Pyrene-d10                 | 19.44 | 212 | 498536 | 31.64 | ng/ul | 0.00  |
| 90) Benzo(a)pyrene-d12         | 23.31 | 264 | 547292 | 31.12 | ng/ul | -0.01 |

## Target Compounds

|                                |       |     |        |       | Ovalue    |
|--------------------------------|-------|-----|--------|-------|-----------|
| 2) 1,4-Dioxane                 | 3.25  | 88  | 7400   | 5.042 | ng/uL 95  |
| 4) Benzaldehyde                | 6.81  | 77  | 19420m | 5.051 | ng/ul     |
| 6) Phenol                      | 6.87  | 94  | 35758  | 7.080 | ng/ul# 89 |
| 8) Bis(2-Chloroethyl)ether     | 7.10  | 93  | 29591  | 7.404 | ng/ul 98  |
| 10) 2-Chlorophenol             | 7.24  | 128 | 28459  | 7.761 | ng/ul 96  |
| 11) 2-Methylphenol             | 8.11  | 108 | 24344  | 6.737 | ng/ul 93  |
| 12) 2,2'-oxybis(1-Chloropropan | 8.20  | 45  | 23794  | 6.723 | ng/ul# 93 |
| 14) Acetophenone               | 8.48  | 105 | 45870  | 7.613 | ng/ul# 97 |
| 15) N-Nitroso-di-n-propylamine | 8.47  | 70  | 25397  | 6.979 | ng/ul 92  |
| 16) 4-Methylphenol             | 8.43  | 108 | 26487  | 6.879 | ng/ul 88  |
| 17) Hexachloroethane           | 8.74  | 117 | 14204  | 8.127 | ng/ul 93  |
| 20) Nitrobenzene               | 8.85  | 77  | 42137  | 8.394 | ng/ul 99  |
| 21) Isophorone                 | 9.38  | 82  | 60784  | 6.868 | ng/ul 98  |
| 23) 2-Nitrophenol              | 9.56  | 139 | 12734  | 7.858 | ng/ul 95  |
| 24) 2,4-Dimethylphenol         | 9.62  | 107 | 32666  | 7.717 | ng/ul 96  |
| 25) Bis(2-Chloroethoxy)methane | 9.86  | 93  | 36838  | 7.471 | ng/ul 99  |
| 27) 2,4-Dichlorophenol         | 10.09 | 162 | 27528  | 8.333 | ng/ul 94  |
| 28) Naphthalene                | 10.49 | 128 | 86759  | 7.795 | ng/ul 98  |
| 30) 4-Chloroaniline            | 10.60 | 127 | 29708  | 7.285 | ng/ul 91  |
| 31) Hexachlorobutadiene        | 10.80 | 225 | 20137  | 8.632 | ng/ul 98  |
| 32) Caprolactam                | 11.36 | 113 | 6340m  | 6.146 | ng/ul     |
| 33) 4-Chloro-3-methylphenol    | 11.72 | 107 | 26236  | 7.123 | ng/ul 97  |
| 34) 2-Methylnaphthalene        | 12.11 | 142 | 60761  | 7.722 | ng/ul 99  |

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 Sample : L1955-10  
 Misc : MDL-WATER-03  
 ALS Vial : 49 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleID :  
 MDL-WATER-03

Manual Integrations  
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Quant Time: Jul 30 01:30:42 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM072720MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jul 30 01:20:34 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-------|--------|----------|
| -----                          |       |      |          |       |        |          |
| 35) 1-Methylnaphthalene        | 12.33 | 142  | 58502    | 7.609 | ng/ul# | 95       |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.48 | 216  | 35410    | 8.330 | ng/ul  | 98       |
| 38) Hexachlorocyclopentadiene  | 12.48 | 237  | 17137    | 5.946 | ng/ul  | 96       |
| 39) 2,4,6-Trichlorophenol      | 12.72 | 196  | 17267    | 7.089 | ng/ul  | 94       |
| 40) 2,4,5-Trichlorophenol      | 12.79 | 196  | 19314    | 7.421 | ng/ul  | 97       |
| 41) 1,1'-Biphenyl              | 13.13 | 154  | 80454    | 7.742 | ng/ul  | 97       |
| 42) 2-Chloronaphthalene        | 13.17 | 162  | 65716    | 7.859 | ng/ul  | 99       |
| 43) 2-Nitroaniline             | 13.37 | 65   | 17971    | 7.226 | ng/ul  | 98       |
| 45) Dimethylphthalate          | 13.76 | 163  | 80323    | 7.848 | ng/ul  | 100      |
| 46) 2,6-Dinitrotoluene         | 13.87 | 165  | 12608    | 6.987 | ng/ul# | 80       |
| 48) Acenaphthylene             | 14.02 | 152  | 97123    | 7.703 | ng/ul  | 99       |
| 49) 3-Nitroaniline             | 14.19 | 138  | 11062    | 6.272 | ng/ul  | 93       |
| 50) Acenaphthene               | 14.37 | 153  | 68303    | 7.863 | ng/ul  | 99       |
| 51) 2,4-Dinitrophenol          | 14.40 | 184  | 3985     | 5.515 | ng/ul# | 84       |
| 53) 4-Nitrophenol              | 14.50 | 109  | 15903    | 9.624 | ng/ul# | 79       |
| 54) Dibenzofuran               | 14.70 | 168  | 97275    | 8.078 | ng/ul  | 92       |
| 55) 2,4-Dinitrotoluene         | 14.65 | 165  | 19939    | 7.691 | ng/ul  | 94       |
| 56) 2,3,4,6-Tetrachlorophenol  | 14.93 | 232  | 15343    | 7.514 | ng/ul  | 95       |
| 57) Diethylphthalate           | 15.14 | 149  | 80061    | 7.801 | ng/ul  | 97       |
| 59) Fluorene                   | 15.35 | 166  | 79341    | 7.825 | ng/ul  | 94       |
| 60) 4-Chlorophenyl-phenylether | 15.35 | 204  | 40888    | 8.102 | ng/ul  | 90       |
| 61) 4-Nitroaniline             | 15.35 | 138  | 14167    | 6.554 | ng/ul# | 87       |
| 64) 4,6-Dinitro-2-methylphenol | 15.42 | 198  | 9660     | 7.112 | ng/ul# | 80       |
| 65) N-Nitrosodiphenylamine     | 15.56 | 169  | 65573    | 7.475 | ng/ul  | 99       |
| 66) 4-Bromophenyl-phenylether  | 16.24 | 248  | 24554    | 7.805 | ng/ul  | 95       |
| 67) Hexachlorobenzene          | 16.36 | 284  | 29766    | 8.344 | ng/ul  | 94       |
| 68) Atrazine                   | 16.51 | 200  | 22406    | 6.958 | ng/ul  | 98       |
| 69) Pentachlorophenol          | 16.69 | 266  | 12038    | 6.781 | ng/ul  | 92       |
| 70) Phenanthrene               | 17.08 | 178  | 128233   | 7.878 | ng/ul  | 100      |
| 72) Anthracene                 | 17.17 | 178  | 129955   | 7.767 | ng/ul  | 98       |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.09 | 216  | 31866    | 7.564 | ng/uL  | 96       |
| 74) Pentachlorobenzene         | 14.62 | 250  | 34020    | 8.329 | ng/uL  | 98       |
| 75) Carbazole                  | 17.44 | 167  | 109033   | 7.372 | ng/ul  | 98       |
| 76) Di-n-butylphthalate        | 18.03 | 149  | 119227   | 6.853 | ng/ul  | 98       |
| 77) Fluoranthene               | 19.10 | 202  | 149498   | 7.778 | ng/ul  | 97       |
| 80) Pvrene                     | 19.47 | 202  | 162324   | 7.553 | ng/ul# | 95       |
| 81) Butylbenzylphthalate       | 20.38 | 149  | 48378    | 6.054 | ng/ul  | 97       |
| 82) 3,3'-Dichlorobenzidine     | 21.15 | 252  | 34076    | 4.879 | ng/ul  | 91       |
| 83) Benzo(a)anthracene         | 21.22 | 228  | 156331   | 7.678 | ng/ul  | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 21.18 | 149  | 73624    | 6.145 | ng/ul  | 97       |
| 85) Chrysene                   | 21.27 | 228  | 154769   | 7.795 | ng/ul  | 99       |
| 87) Di-n-octyl phthalate       | 22.05 | 149  | 121639   | 5.312 | ng/ul  | 100      |
| 88) Benzo(b)fluoranthene       | 22.78 | 252  | 157478   | 7.064 | ng/ul  | 99       |
| 89) Benzo(k)fluoranthene       | 22.82 | 252  | 164217   | 7.677 | ng/ul  | 99       |
| 91) Benzo(a)pyrene             | 23.35 | 252  | 155966   | 7.753 | ng/ul  | 97       |
| 92) Indeno(1,2,3-cd)pyrene     | 25.65 | 276  | 195908   | 7.850 | ng/ul  | 97       |
| 93) Dibenzo(a,h)anthracene     | 25.66 | 278  | 167444   | 7.933 | ng/ul  | 98       |
| 94) Benzo(a,h,i)perylene       | 26.32 | 276  | 163911   | 7.943 | ng/ul  | 99       |
| -----                          |       |      |          |       |        |          |

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Operator : JU/CG  
Sample : L1955-10  
Misc : MDL-WATER-03  
ALS Vial : 49 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03

Manual Integrations  
APPROVED

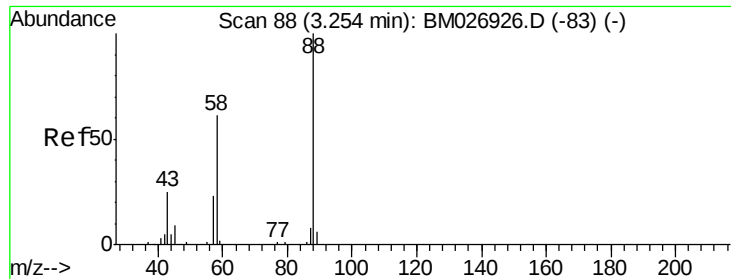
mohammad  
7/30/2020 3:32:49 PM

Quant Time: Jul 30 01:30:42 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM072720MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Jul 30 01:20:34 2020  
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|--------------------|------|------|----------|------|-------|----------|
|--------------------|------|------|----------|------|-------|----------|

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





#2

1,4-Dioxane

Concen: 5.042 ng/uL

RT: 3.25 min Scan# 88

Delta R.T. -0.00 min

Lab File: BM026932.D

Acq: 29 Jul 2020 18:53

Instrument :

BNA\_M

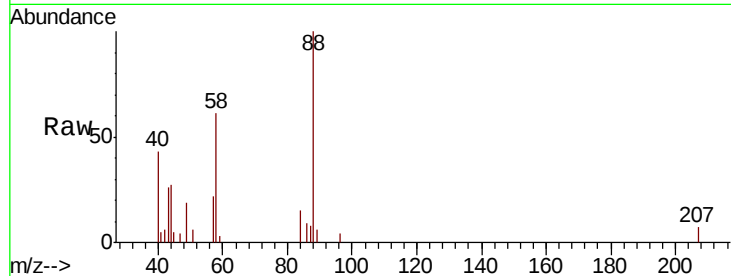
ClientSampleId :

MDL-WATER-03

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 88    | Resp: | 7400  |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 26.0  | 24.7  | 37.1  |
| 58       | 60.9  | 50.8  | 76.2  |

Manual Integrations  
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7/30/2020 3:32:49 PM

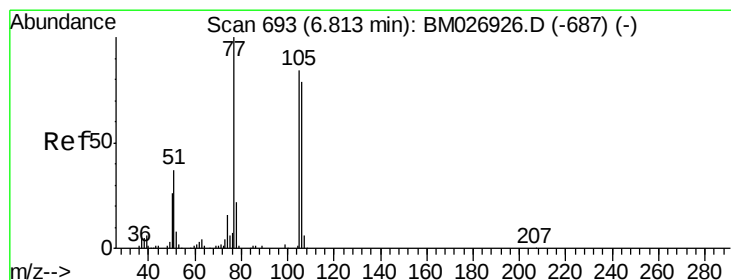
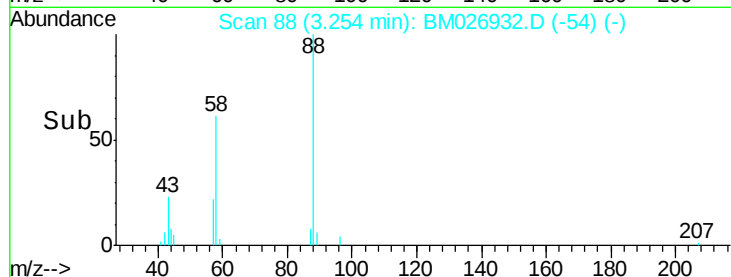
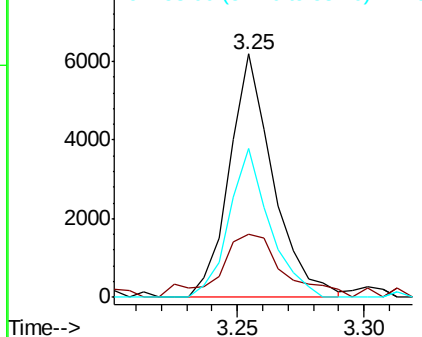


Abundance

Ion 88.00 (87.70 to 88.70): BM026932.D (-54) (-)

Ion 43.00 (42.70 to 43.70): BM026932.D (-54) (-)

Ion 58.00 (57.70 to 58.70): BM026932.D (-54) (-)



#4

Benzaldehyde

Concen: 5.051 ng/uL

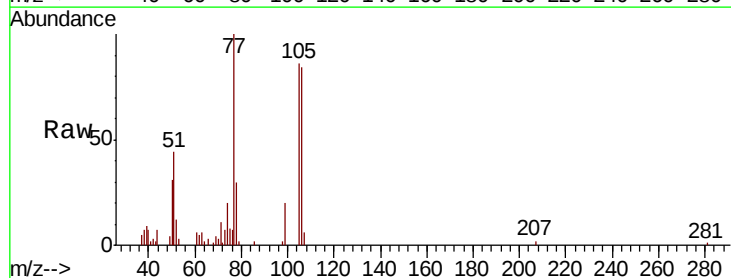
RT: 6.81 min Scan# 693

Delta R.T. -0.00 min

Lab File: BM026932.D

Acq: 29 Jul 2020 18:53

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 77    | Resp: | 19420 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 85.8  | 64.9  | 97.3  |
| 106      | 84.0  | 62.5  | 93.7  |

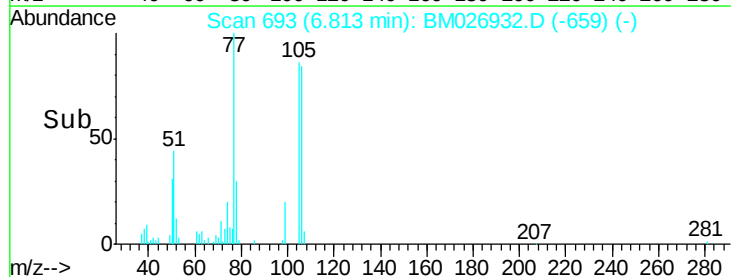
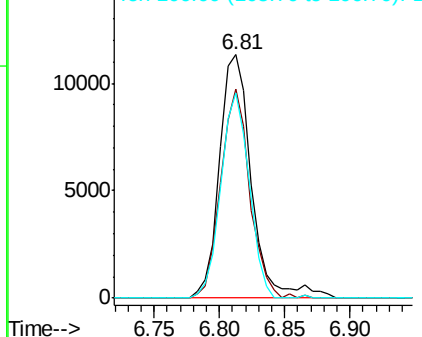


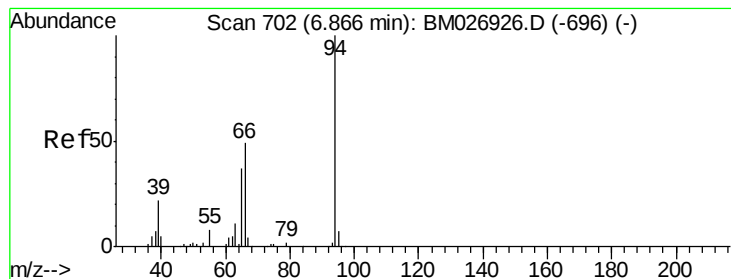
Abundance

Ion 77.00 (76.70 to 77.70): BM026932.D (-659) (-)

Ion 105.00 (104.70 to 105.70): BM026932.D (-659) (-)

Ion 106.00 (105.70 to 106.70): BM026932.D (-659) (-)





#6

Phenol

Concen: 7.080 ng/ul

RT: 6.87 min Scan# 702

Delta R.T. -0.01 min

Lab File: BM026932.D

Acq: 29 Jul 2020 18:53

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03

Tot Ion: 94 Resp: 35758

Ion Ratio Lower Upper

94 100

65 40.4 26.2 39.4#

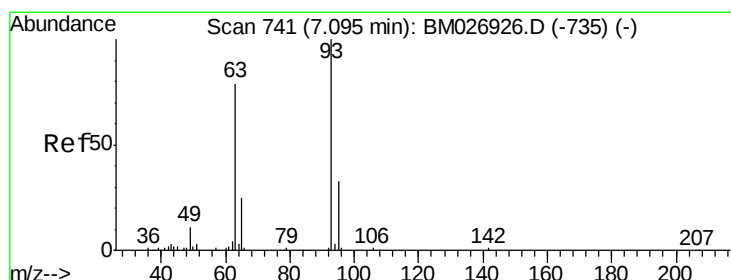
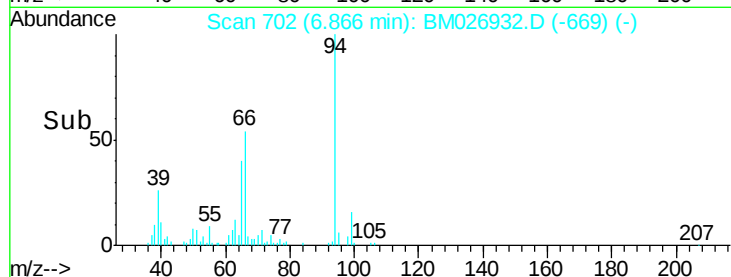
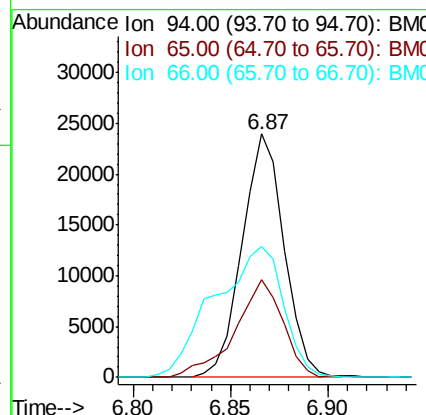
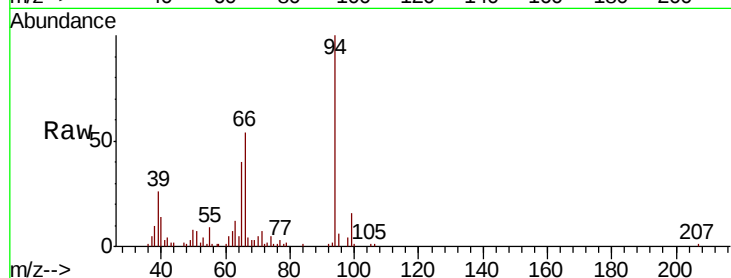
66 54.0 38.2 57.2

Manual Integrations

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#8

Bis(2-Chloroethyl)ether

Concen: 7.404 ng/ul

RT: 7.10 min Scan# 741

Delta R.T. -0.01 min

Lab File: BM026932.D

Acq: 29 Jul 2020 18:53

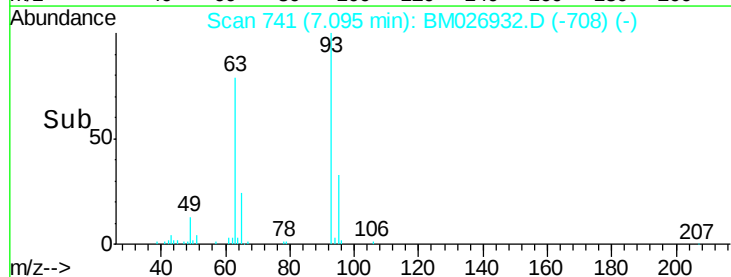
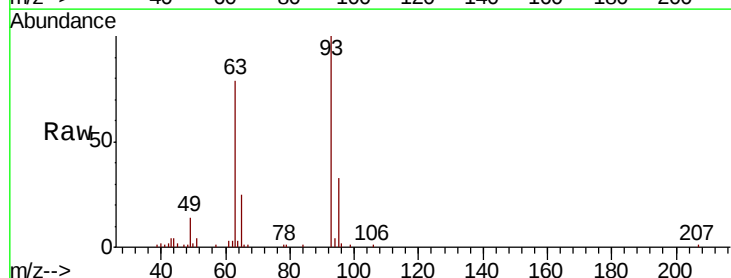
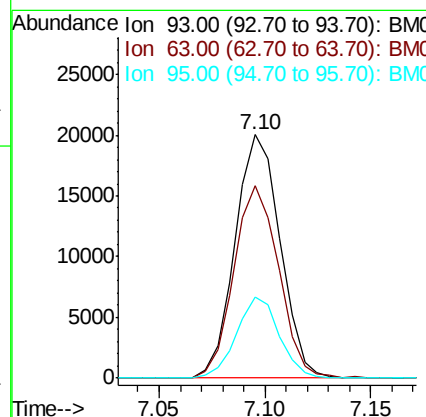
Tgt Ion: 93 Resp: 29591

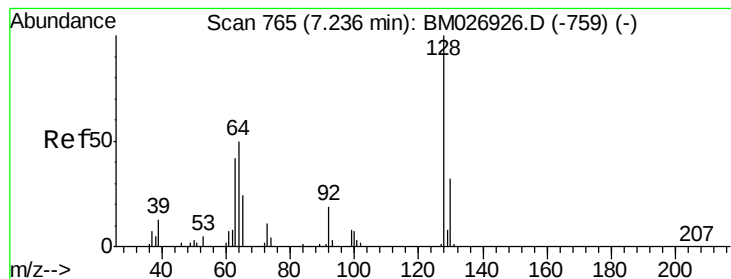
Ion Ratio Lower Upper

93 100

63 79.2 62.9 94.3

95 33.1 24.6 37.0





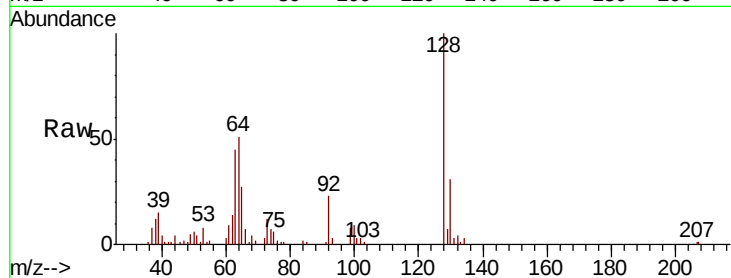
#10  
2-Chlorophenol  
Concen: 7.761 ng/ul  
RT: 7.24 min Scan# 765  
Delta R.T. -0.01 min  
Lab File: BM026932.D  
Acq: 29 Jul 2020 18:53

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 64      | 51.4  | 43.4  | 65.2  |
| 130     | 30.7  | 26.3  | 39.5  |

Manual Integrations  
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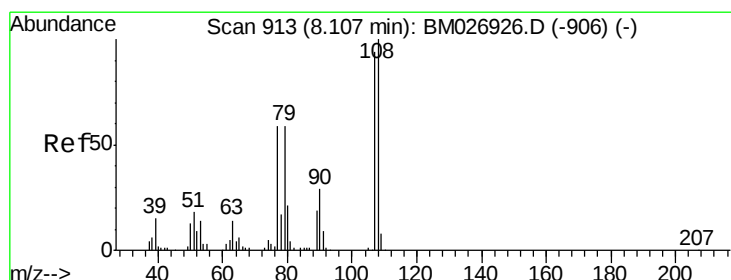
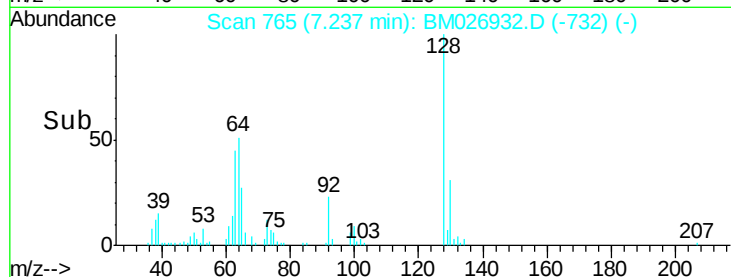
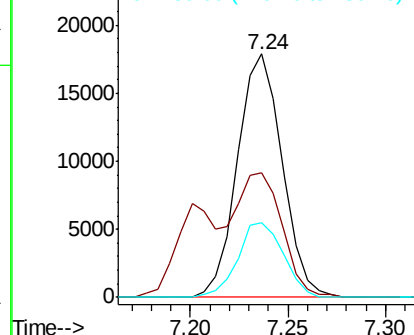


Abundance

Ion 128.00 (127.70 to 128.70): E

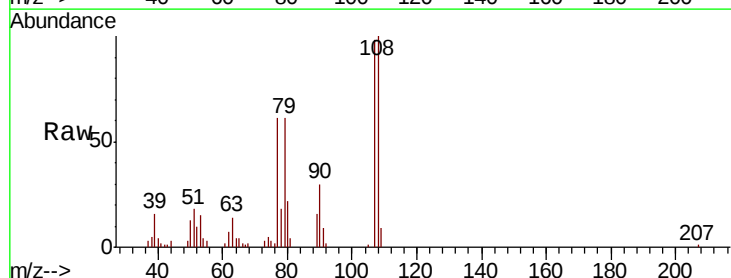
Ion 64.00 (63.70 to 64.70): BM

Ion 130.00 (129.70 to 130.70): E



#11  
2-Methylphenol  
Concen: 6.737 ng/ul  
RT: 8.11 min Scan# 913  
Delta R.T. -0.00 min  
Lab File: BM026932.D  
Acq: 29 Jul 2020 18:53

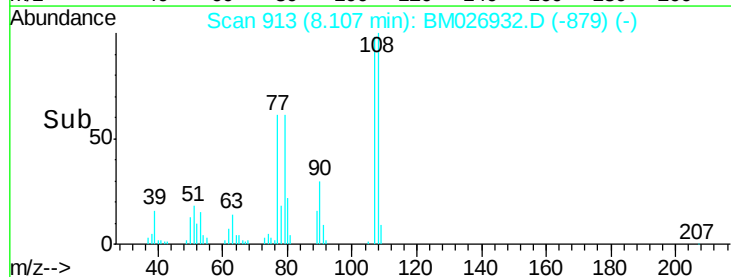
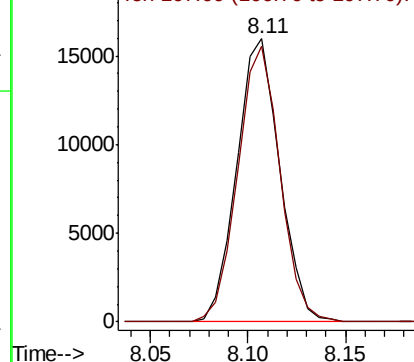
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 108     | 100   |       |       |
| 107     | 97.6  | 72.5  | 108.7 |

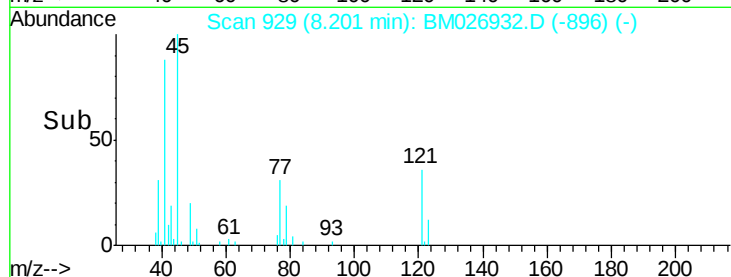
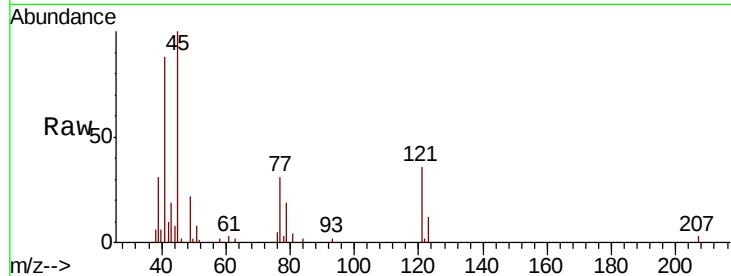
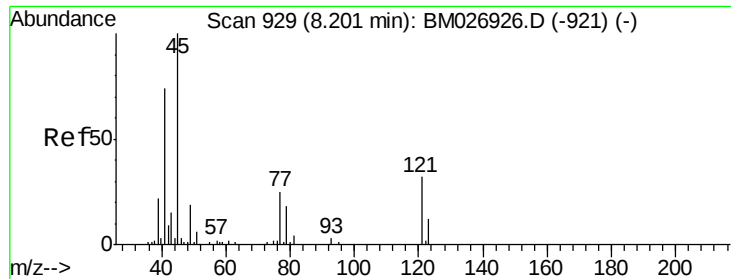


Abundance

Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





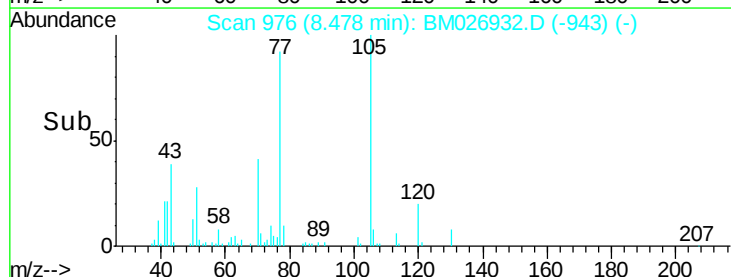
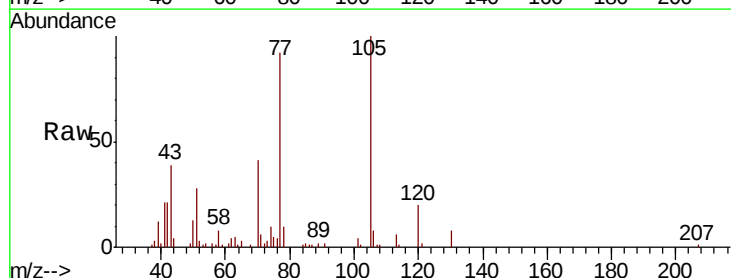
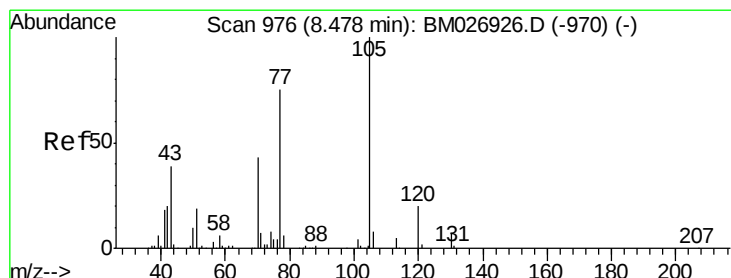
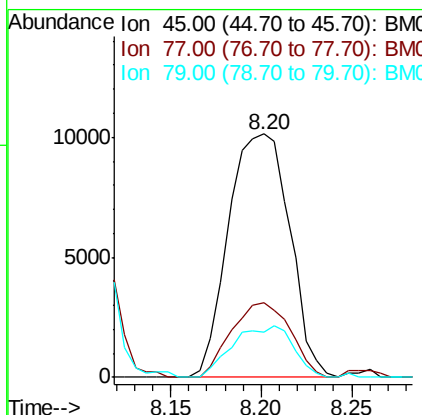
#12  
2,2'-oxvbis(1-Chloropropane)  
Concen: 6.723 ng/ul  
RT: 8.20 min Scan# 929  
Delta R.T. -0.01 min  
Lab File: BM026932.D  
Acq: 29 Jul 2020 18:53

Instrument :  
BNA\_M  
ClientSampled :  
MDL-WATER-03

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 30.7  | 19.7  | 29.5# |
| 79      | 18.7  | 14.9  | 22.3  |

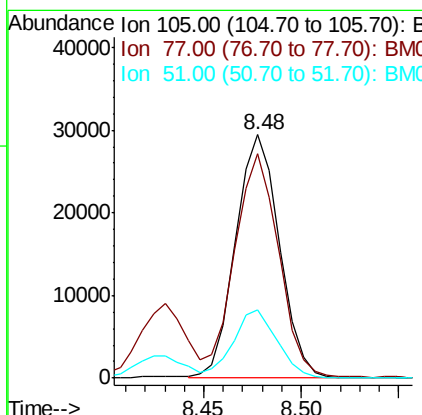
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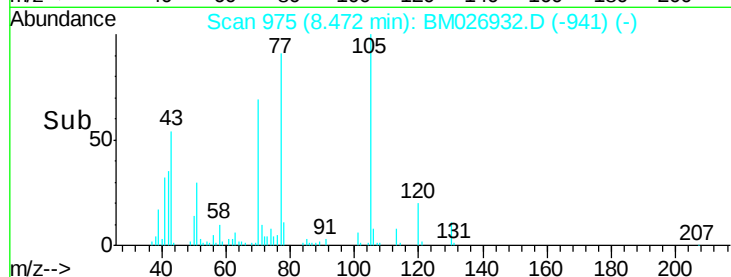
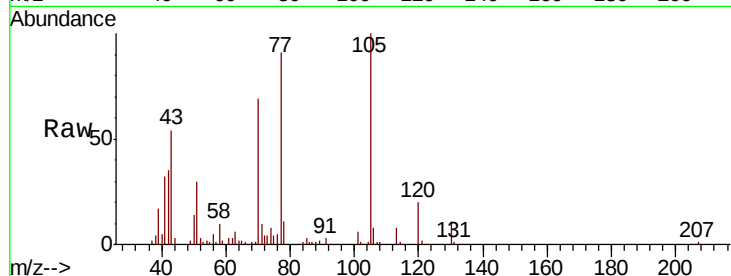
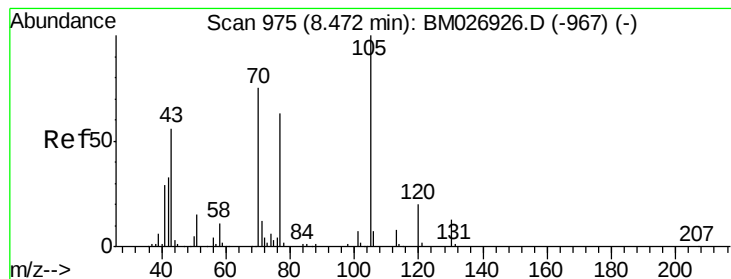
mohammad  
7/30/2020 3:32:49 PM



#14  
Acetophenone  
Concen: 7.613 ng/ul  
RT: 8.48 min Scan# 976  
Delta R.T. -0.01 min  
Lab File: BM026932.D  
Acq: 29 Jul 2020 18:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 77      | 92.3  | 74.0  | 111.0 |
| 51      | 27.8  | 17.3  | 25.9# |





#15

N-Nitroso-di-n-propylamine

Concen: 6.979 ng/ul

RT: 8.47 min Scan# 975

Delta R.T. -0.00 min

Lab File: BM026932.D

Acq: 29 Jul 2020 18:53

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 50.5 | 34.2  | 51.4  |       |
| 101     | 8.1  | 6.4   | 9.6   |       |
| 130     | 15.6 | 13.2  | 19.8  |       |

Instrument :

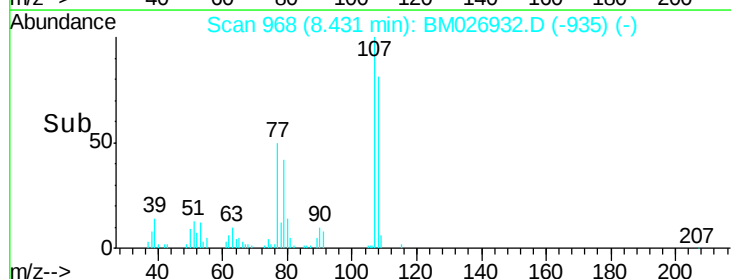
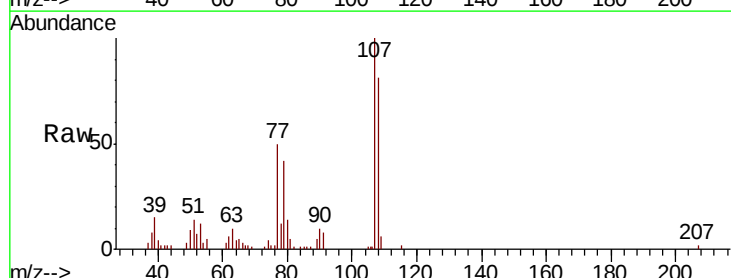
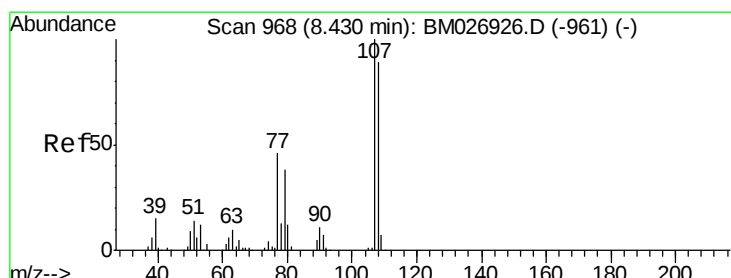
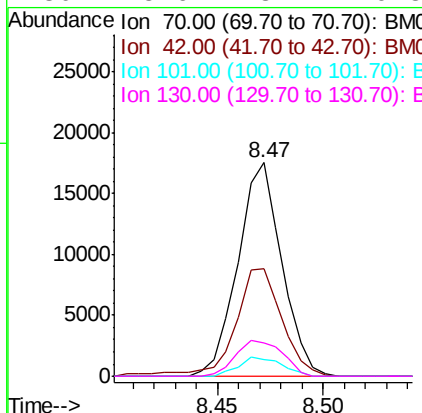
BNA\_M

ClientSampled :

MDL-WATER-03

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#16

4-Methylphenol

Concen: 6.879 ng/ul

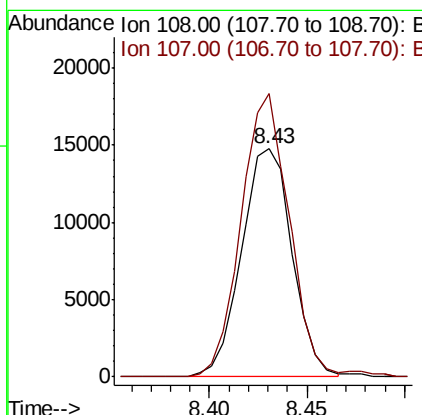
RT: 8.43 min Scan# 968

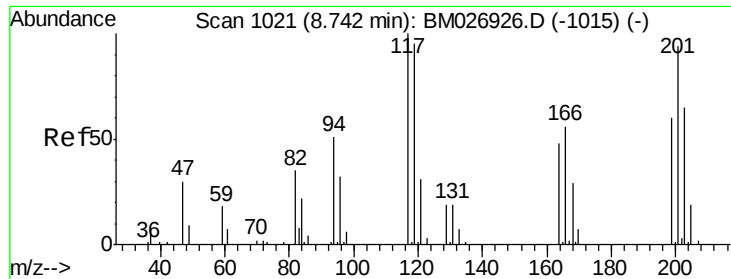
Delta R.T. -0.01 min

Lab File: BM026932.D

Acq: 29 Jul 2020 18:53

| Tgt Ion | Ion   | Ratio | Lower | Upper |
|---------|-------|-------|-------|-------|
| 108     | 100   |       |       |       |
| 107     | 124.2 | 88.8  | 133.2 |       |





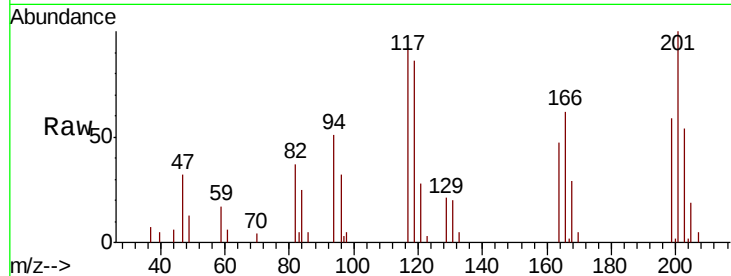
#17  
Hexachloroethane  
Concen: 8.127 ng/ul  
RT: 8.74 min Scan# 1021  
Delta R.T. -0.01 min  
Lab File: BM026932.D  
Acq: 29 Jul 2020 18:53

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03

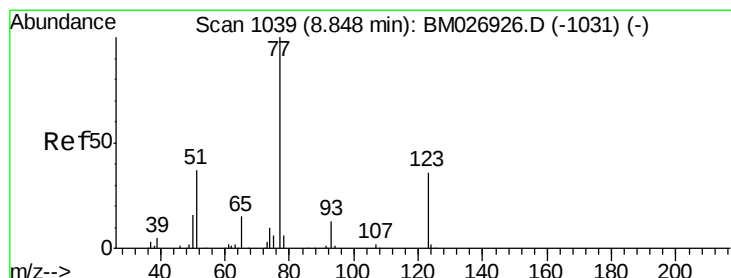
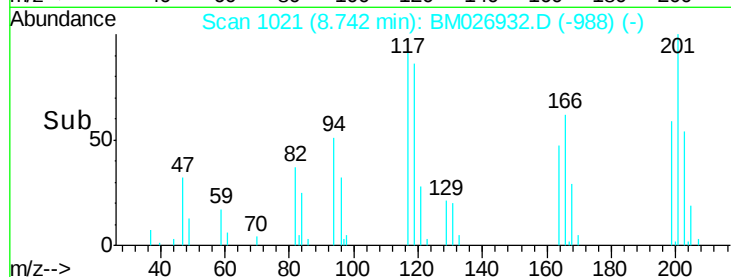
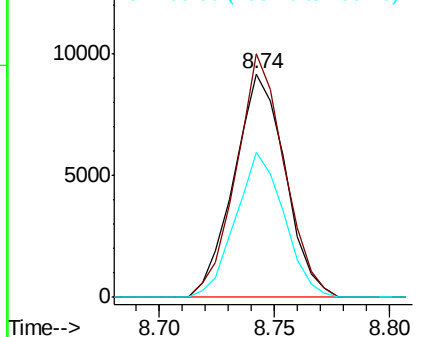
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 108.9 | 80.8  | 121.2 |
| 199     | 66.3  | 50.3  | 75.5  |

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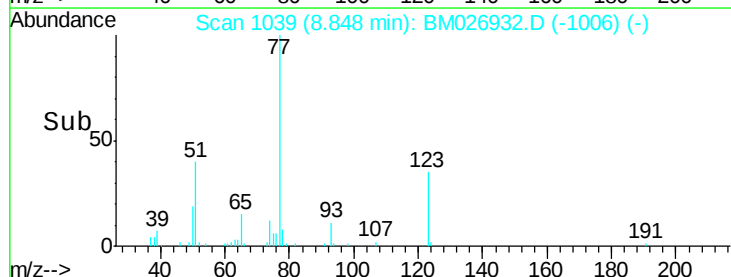
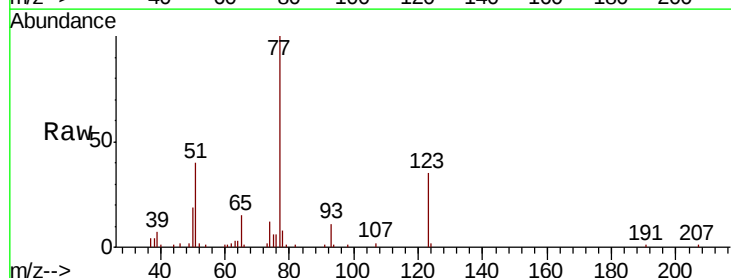
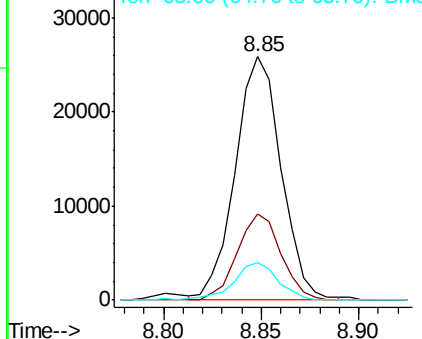
Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 201.00 (200.70 to 201.70): E  
Ion 199.00 (198.70 to 199.70): E

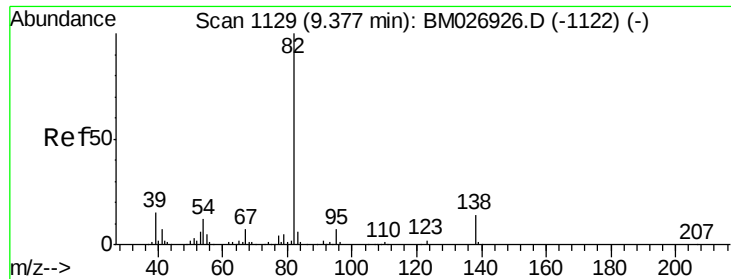


#20  
Nitrobenzene  
Concen: 8.394 ng/ul  
RT: 8.85 min Scan# 1039  
Delta R.T. -0.01 min  
Lab File: BM026932.D  
Acq: 29 Jul 2020 18:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 35.3  | 28.3  | 42.5  |
| 65      | 15.3  | 11.0  | 16.6  |

Abundance Ion 77.00 (76.70 to 77.70): BM0  
Ion 123.00 (122.70 to 123.70): E  
Ion 65.00 (64.70 to 65.70): BM0





#21

Isophorone

Concen: 6.868 ng/ul

RT: 9.38 min Scan# 1129

Delta R.T. -0.01 min

Lab File: BM026932.D

Acq: 29 Jul 2020 18:53

Instrument :

BNA\_M

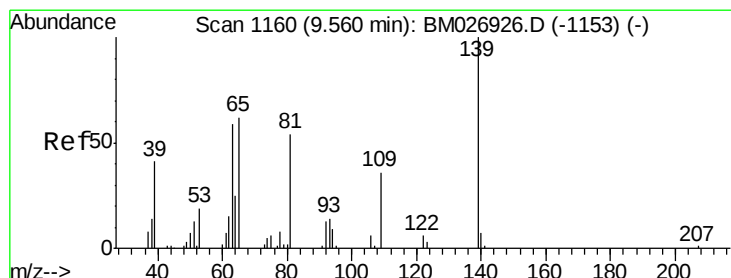
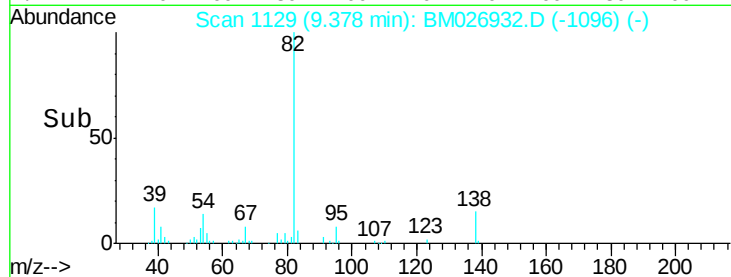
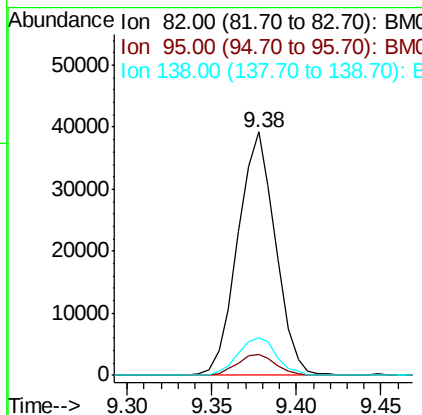
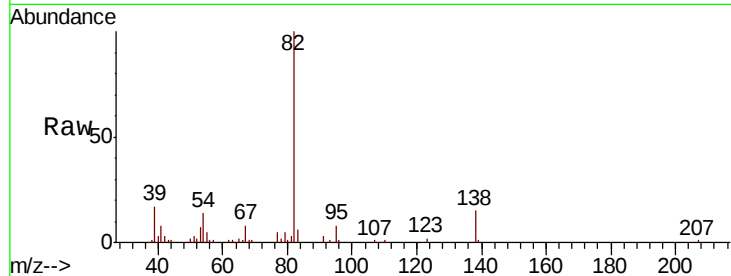
ClientSampleId :

MDL-WATER-03

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 82    | Resp: | 60784 |
| Ion Ratio | Lower | Upper |       |
| 82        | 100   |       |       |
| 95        | 8.4   | 6.0   | 9.0   |
| 138       | 15.4  | 11.5  | 17.3  |

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#23

2-Nitrophenol

Concen: 7.858 ng/ul

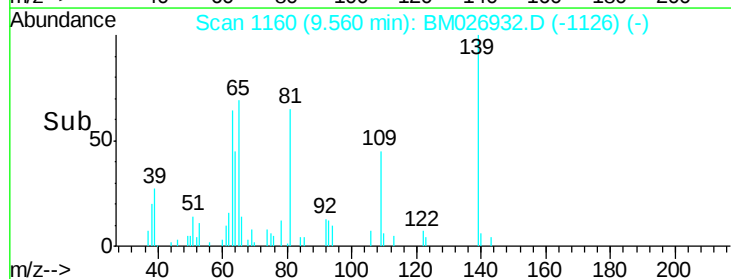
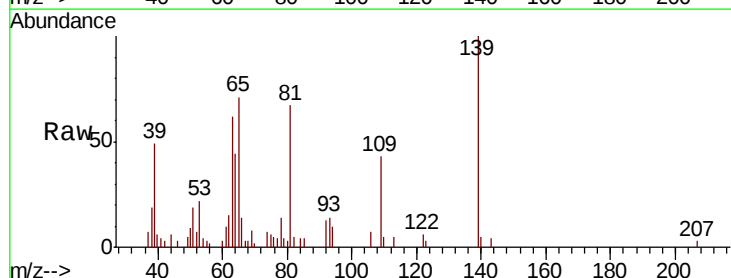
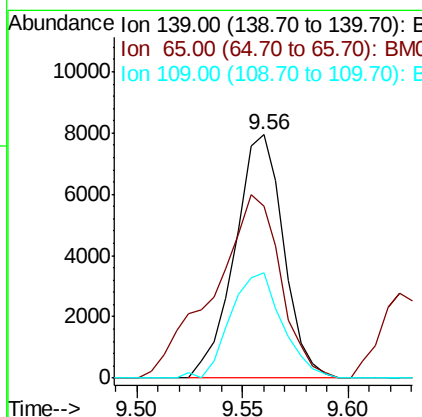
RT: 9.56 min Scan# 1160

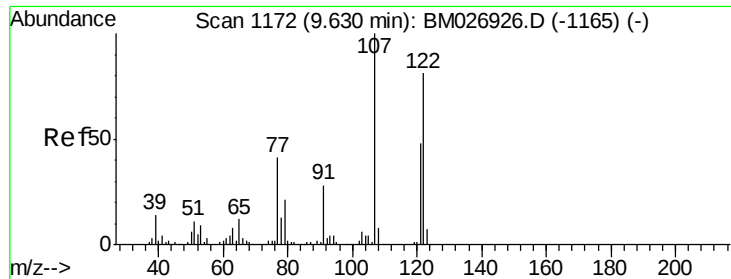
Delta R.T. -0.00 min

Lab File: BM026932.D

Acq: 29 Jul 2020 18:53

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 12734 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 65        | 70.8  | 53.3  | 79.9  |
| 109       | 43.2  | 32.6  | 49.0  |





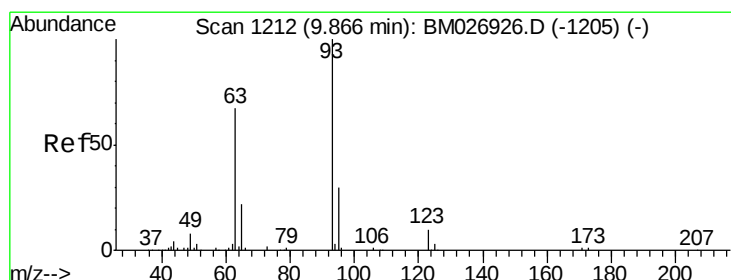
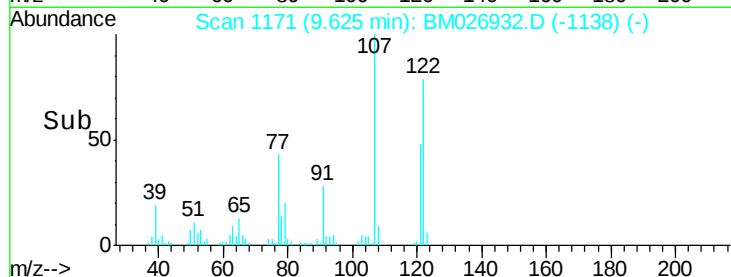
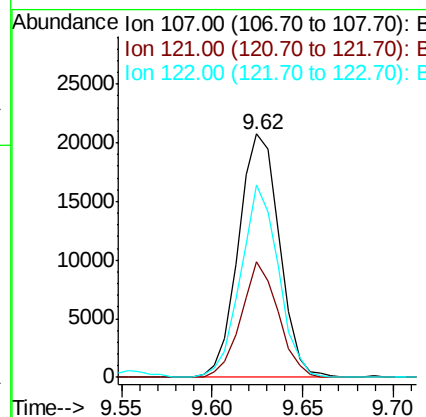
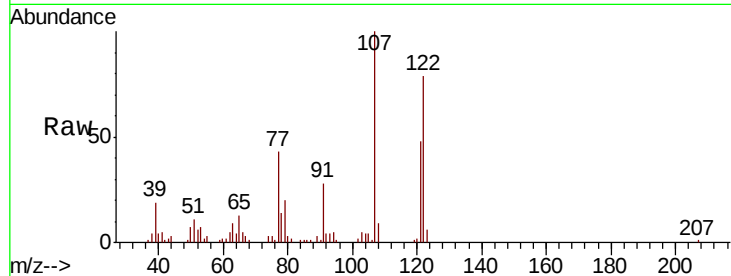
#24  
 2,4-Dimethylphenol  
 Concen: 7.717 ng/ul  
 RT: 9.62 min Scan# 1171  
 Delta R.T. -0.01 min  
 Lab File: BM026932.D  
 Acq: 29 Jul 2020 18:53

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-WATER-03

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 121     | 47.6  | 35.5  | 53.3  |
| 122     | 78.9  | 61.0  | 91.4  |

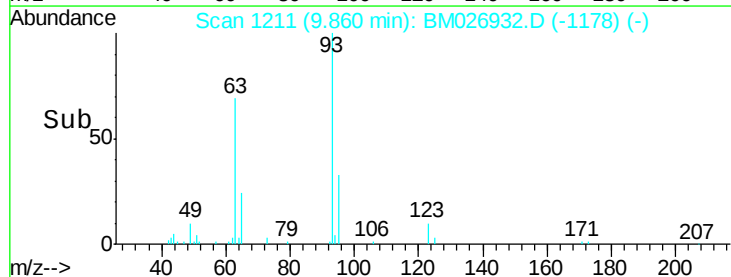
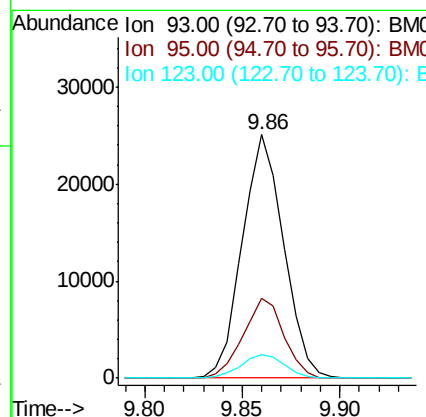
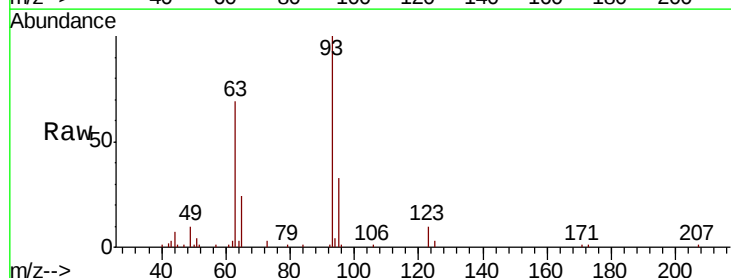
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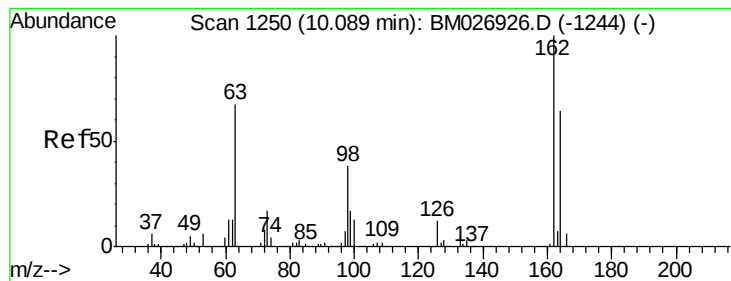
mohammad  
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#25  
 Bis(2-Chloroethoxy)methane  
 Concen: 7.471 ng/ul  
 RT: 9.86 min Scan# 1211  
 Delta R.T. -0.01 min  
 Lab File: BM026932.D  
 Acq: 29 Jul 2020 18:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.7  | 25.7  | 38.5  |
| 123     | 9.6   | 7.8   | 11.8  |





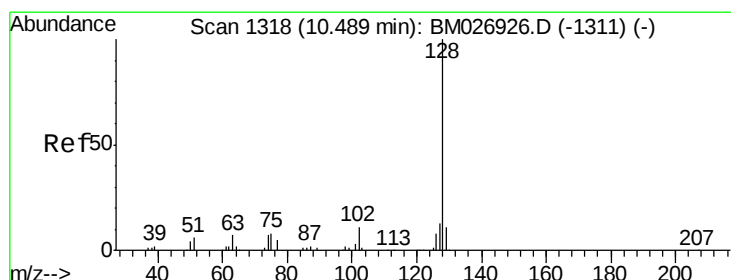
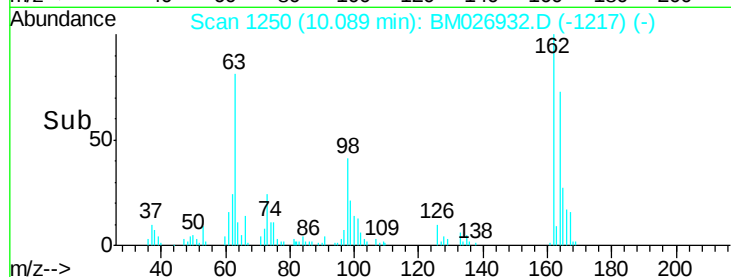
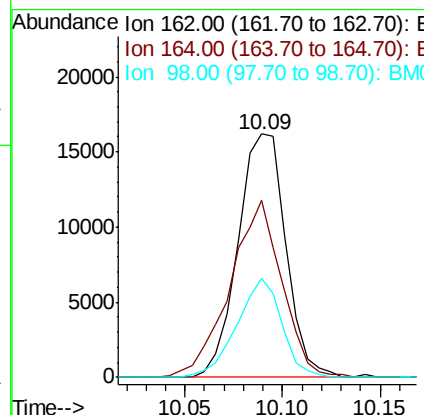
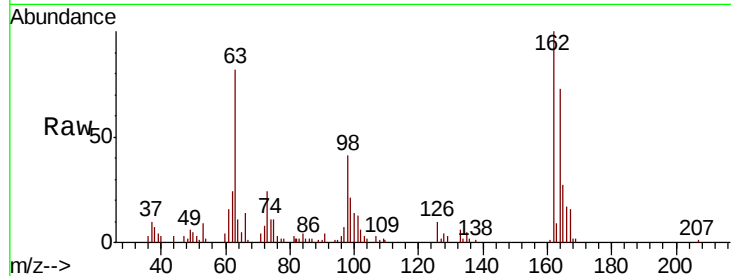
#27  
 2,4-Dichlorophenol  
 Concen: 8.333 ng/ul  
 RT: 10.09 min Scan# 1250  
 Delta R.T. -0.01 min  
 Lab File: BM026932.D  
 Acq: 29 Jul 2020 18:53

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-WATER-03

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 72.8  | 52.4  | 78.6  |
| 98      | 40.6  | 32.2  | 48.2  |

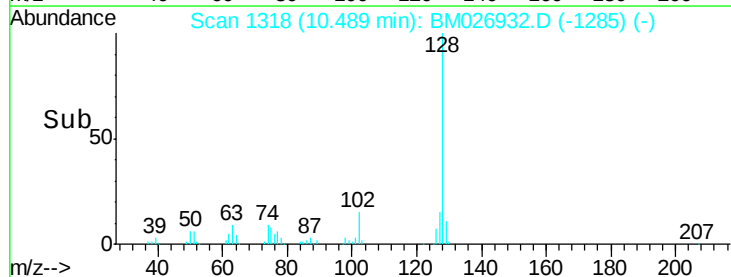
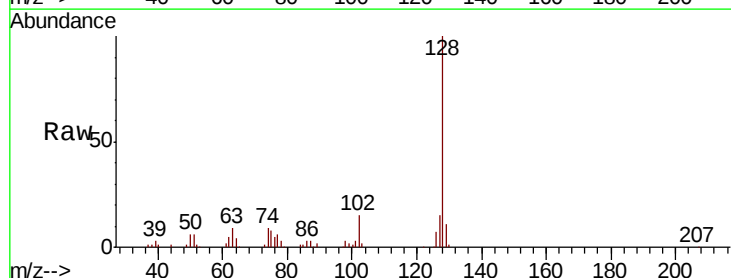
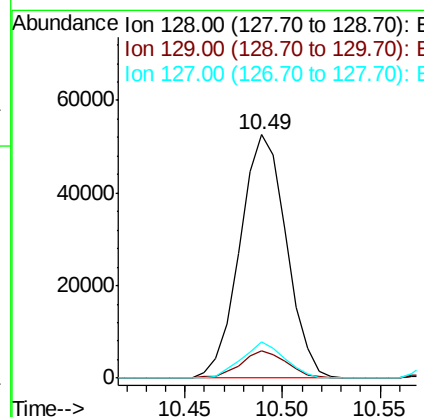
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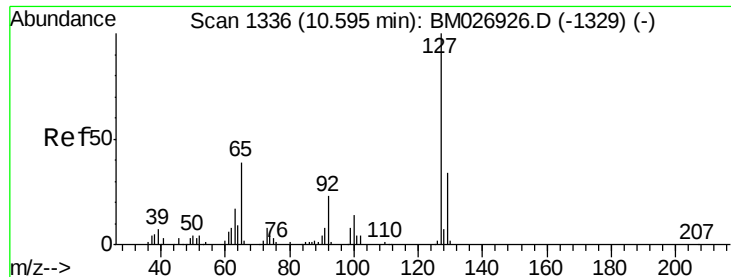
mohammad  
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#28  
 Naphthalene  
 Concen: 7.795 ng/ul  
 RT: 10.49 min Scan# 1318  
 Delta R.T. -0.01 min  
 Lab File: BM026932.D  
 Acq: 29 Jul 2020 18:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.3  | 8.3   | 12.5  |
| 127     | 14.6  | 11.0  | 16.6  |





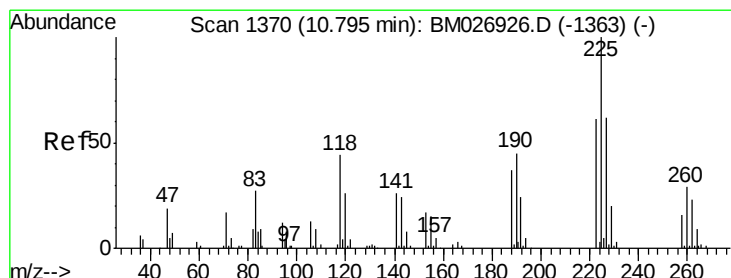
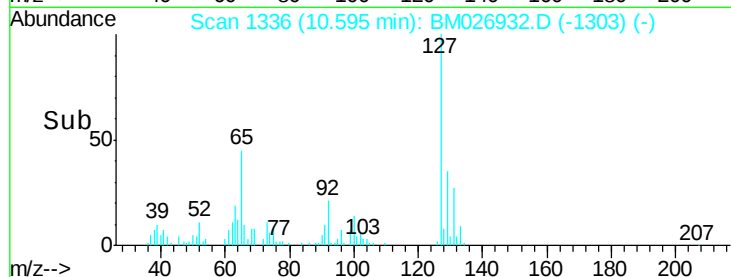
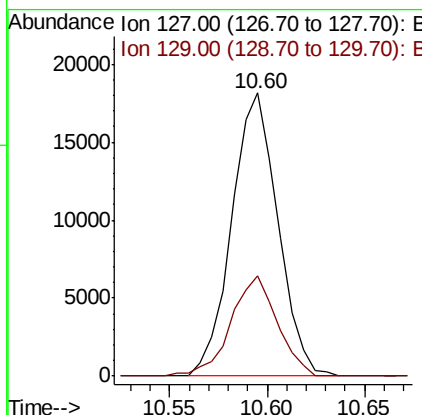
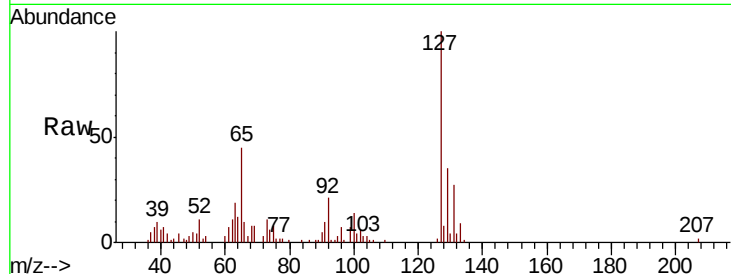
#30  
4-Chloroaniline  
Concen: 7.285 ng/ul  
RT: 10.60 min Scan# 1336  
Delta R.T. -0.01 min  
Lab File: BM026932.D  
Acq: 29 Jul 2020 18:53

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 35.4  | 24.3  | 36.5  |

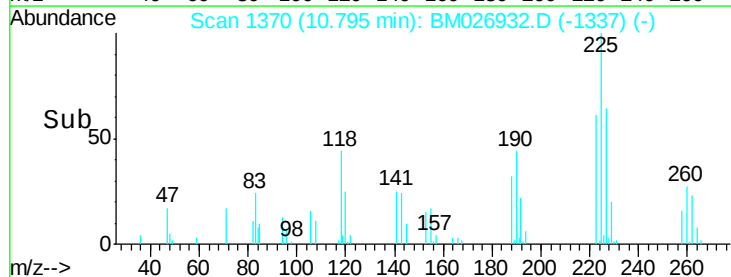
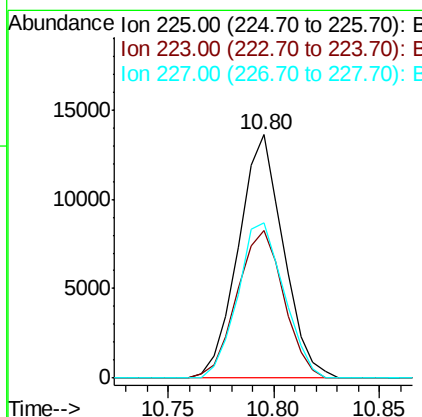
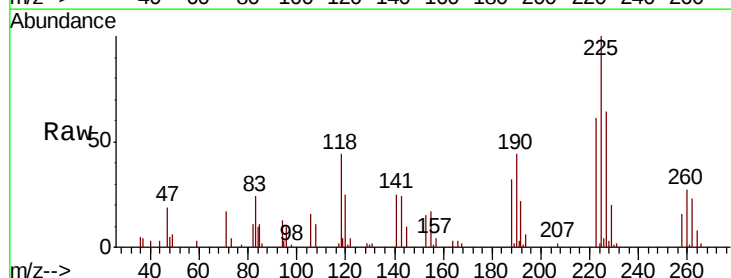
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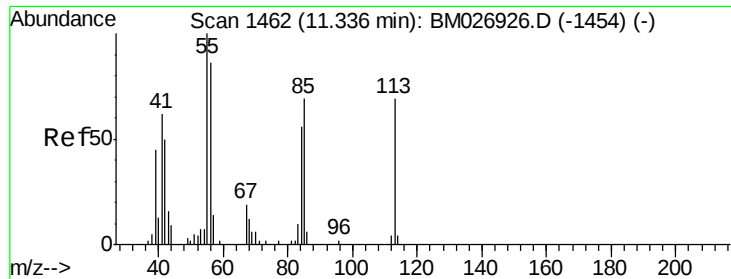
mohammad  
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#31  
Hexachlorobutadiene  
Concen: 8.632 ng/ul  
RT: 10.80 min Scan# 1370  
Delta R.T. -0.01 min  
Lab File: BM026932.D  
Acq: 29 Jul 2020 18:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 60.5  | 51.4  | 77.0  |
| 227     | 66.7  | 53.1  | 79.7  |





#32

Caprolactam

Concen: 6.146 ng/ul m

RT: 11.36 min Scan# 1466

Delta R.T. 0.02 min

Lab File: BM026932.D

Acq: 29 Jul 2020 18:53

Instrument :

BNA\_M

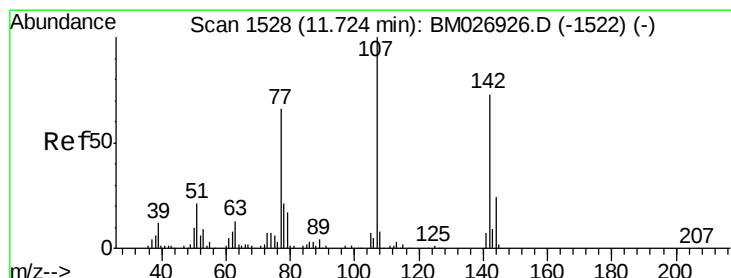
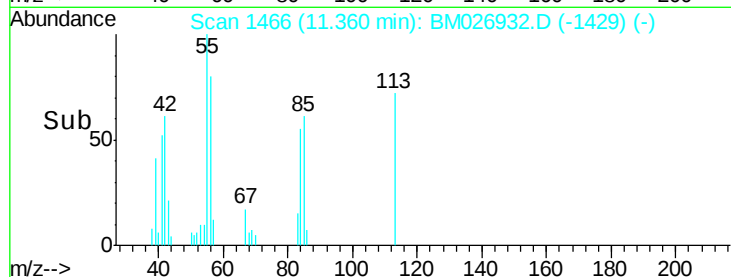
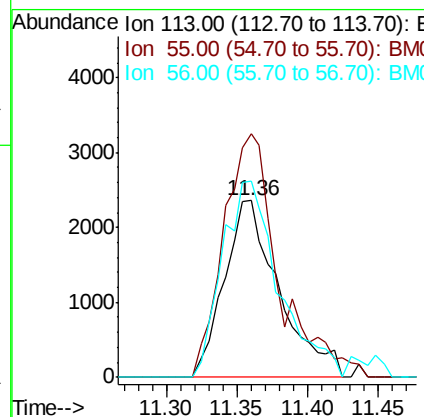
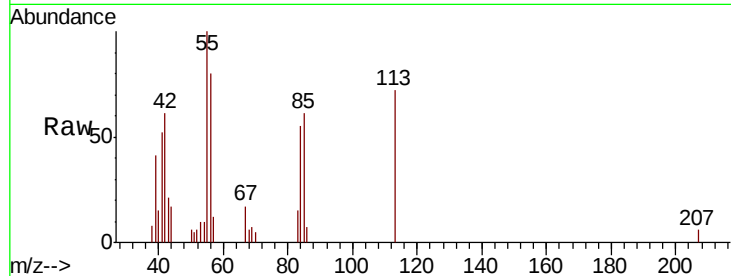
ClientSampleId :

MDL-WATER-03

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 113   | Resp: | 6340  |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 55       | 137.9 | 119.7 | 179.5 |
| 56       | 111.0 | 90.2  | 135.2 |

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#33

4-Chloro-3-methylphenol

Concen: 7.123 ng/ul

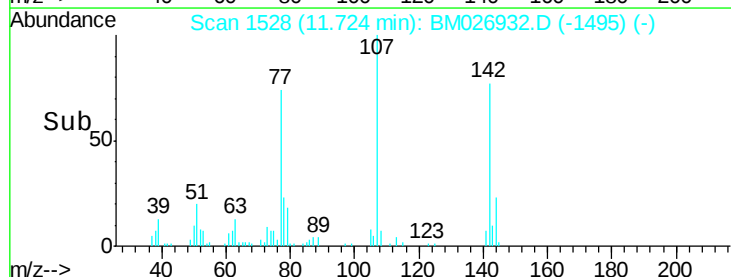
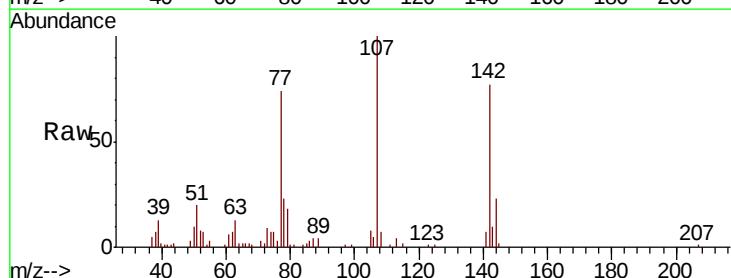
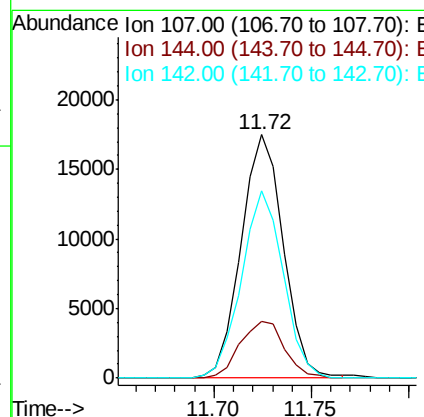
RT: 11.72 min Scan# 1528

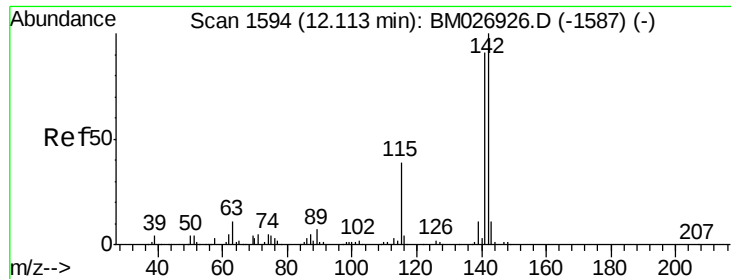
Delta R.T. -0.01 min

Lab File: BM026932.D

Acq: 29 Jul 2020 18:53

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 26236 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 144      | 23.3  | 20.6  | 30.8  |
| 142      | 76.8  | 59.9  | 89.9  |





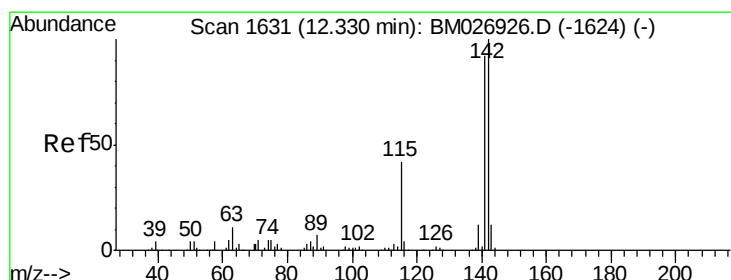
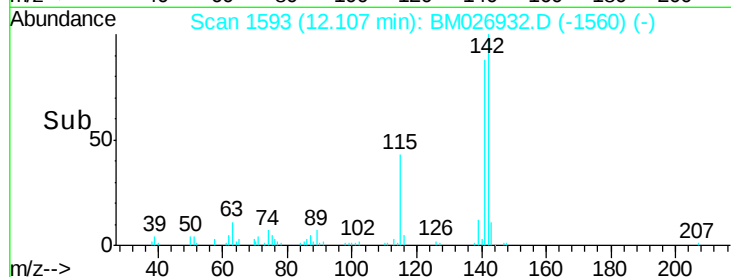
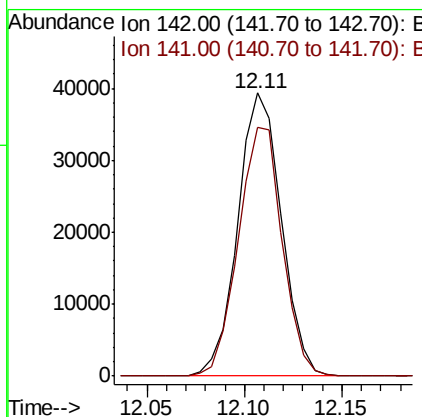
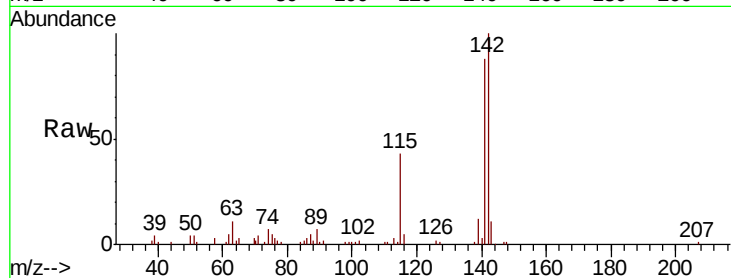
#34  
2-Methylnaphthalene  
Concen: 7.722 ng/ul  
RT: 12.11 min Scan# 1593  
Delta R.T. -0.01 min  
Lab File: BM026932.D  
Acq: 29 Jul 2020 18:53

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.1  | 71.1  | 106.7 |

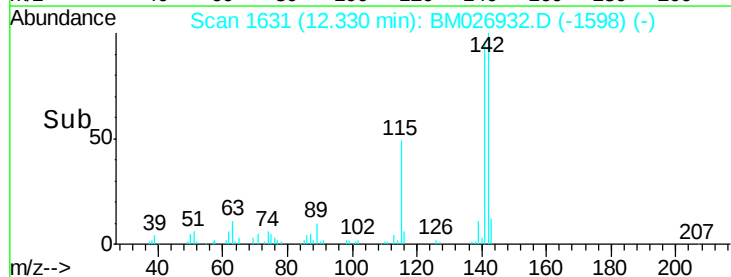
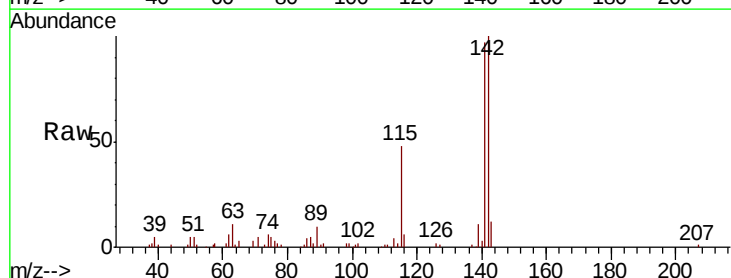
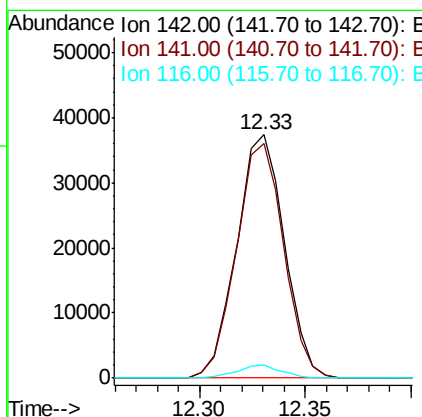
Manual Integrations  
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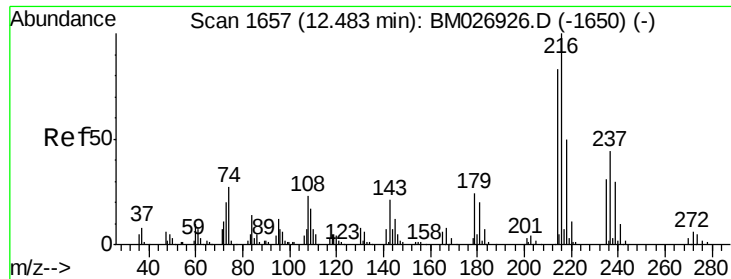
mohammad  
7/30/2020 3:32:49 PM



#35  
1-Methylnaphthalene  
Concen: 7.609 ng/ul  
RT: 12.33 min Scan# 1631  
Delta R.T. -0.01 min  
Lab File: BM026932.D  
Acq: 29 Jul 2020 18:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 96.6  | 73.3  | 109.9 |
| 116     | 5.6   | 3.4   | 5.0#  |





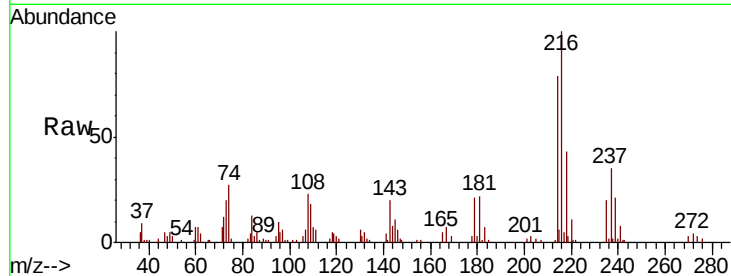
#37  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 8.330 ng/ul  
 RT: 12.48 min Scan# 1657  
 Delta R.T. -0.01 min  
 Lab File: BM026932.D  
 Acq: 29 Jul 2020 18:53

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-WATER-03

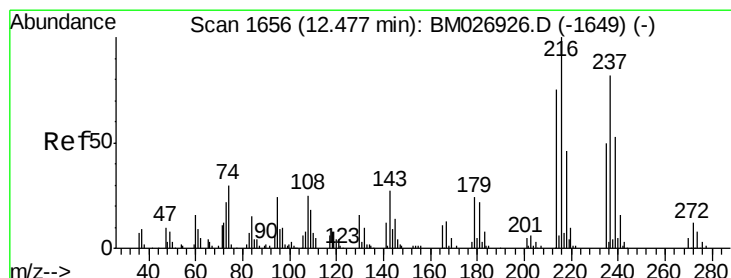
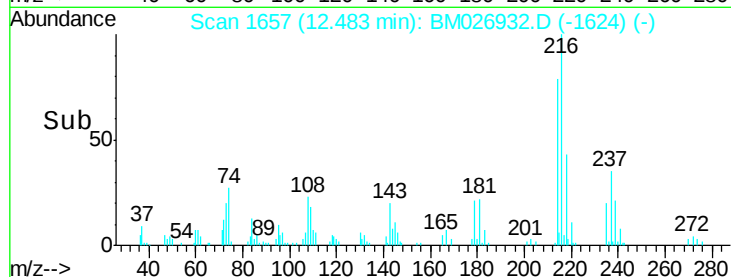
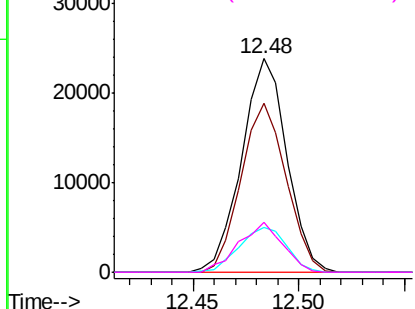
| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 216     | 100  |       | 35410 |       |       |
| 214     | 78.9 | 64.2  | 96.4  |       |       |
| 179     | 21.1 | 16.2  | 24.4  |       |       |
| 108     | 23.2 | 16.7  | 25.1  |       |       |

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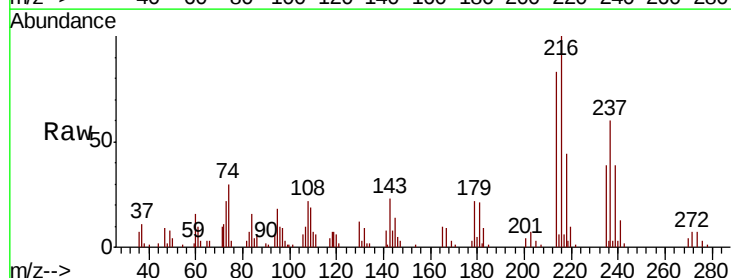


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

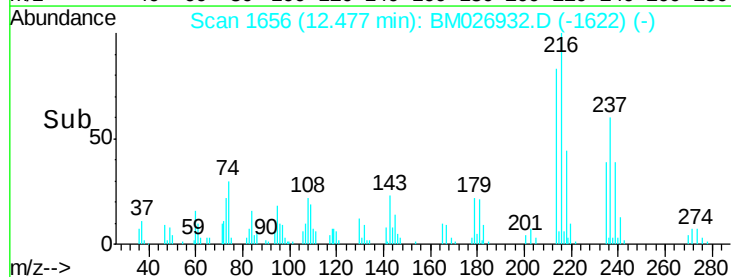
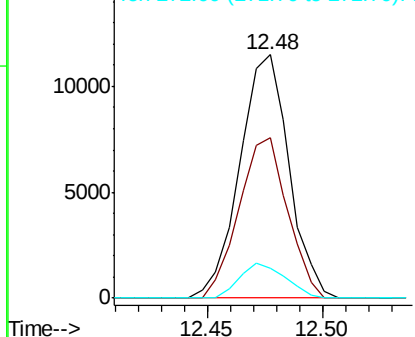


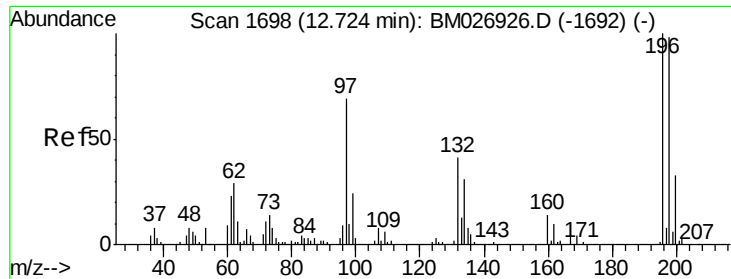
#38  
 Hexachlorocyclopentadiene  
 Concen: 5.946 ng/ul  
 RT: 12.48 min Scan# 1656  
 Delta R.T. -0.00 min  
 Lab File: BM026932.D  
 Acq: 29 Jul 2020 18:53

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 237     | 100  |       | 17137 |       |       |
| 235     | 65.7 | 49.8  | 74.8  |       |       |
| 272     | 12.2 | 10.1  | 15.1  |       |       |



Abundance Ion 237.00 (236.70 to 237.70): E  
 Ion 235.00 (234.70 to 235.70): E  
 Ion 272.00 (271.70 to 272.70): E





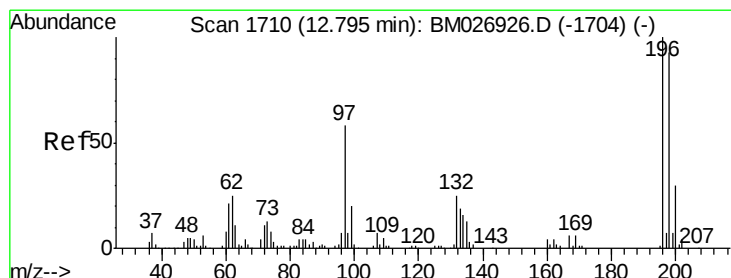
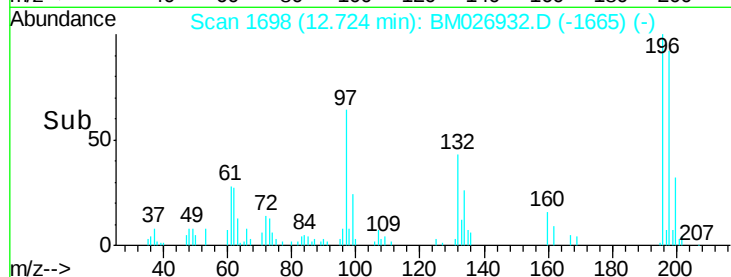
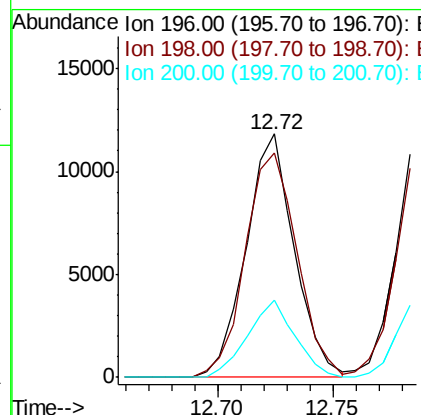
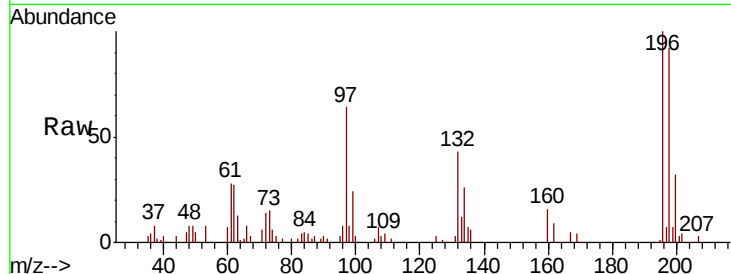
#39  
 2,4,6-Trichlorophenol  
 Concen: 7.089 ng/ul  
 RT: 12.72 min Scan# 1698  
 Delta R.T. -0.01 min  
 Lab File: BM026932.D  
 Acq: 29 Jul 2020 18:53

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-WATER-03

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 92.3  | 79.0  | 118.6 |
| 200     | 31.5  | 23.3  | 34.9  |

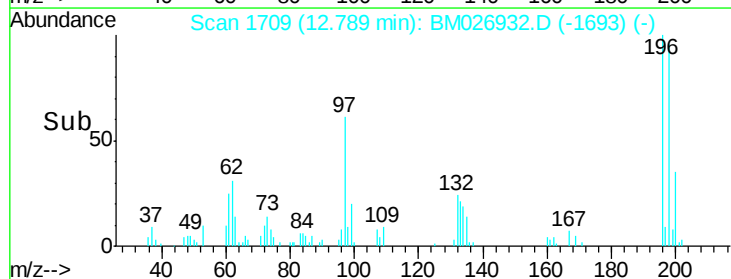
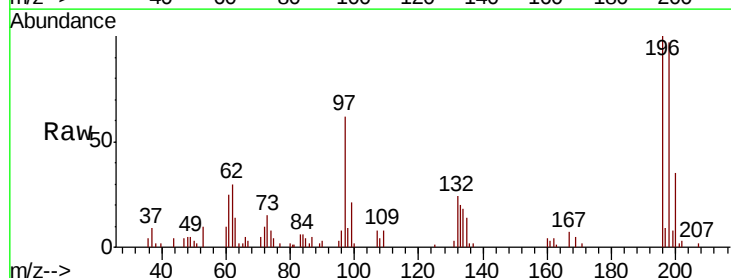
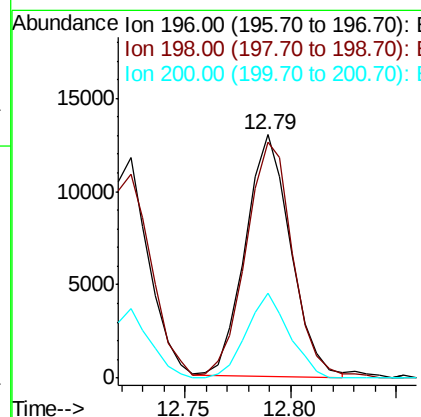
Manual Integrations  
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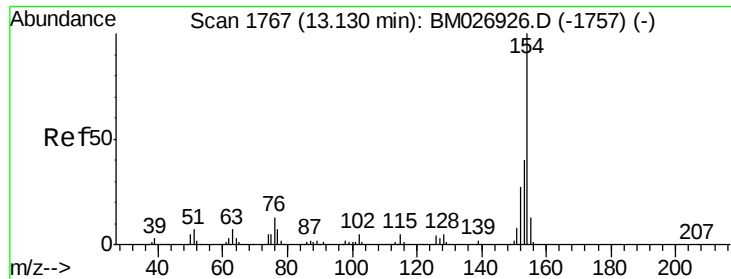
mohammad  
 7/30/2020 3:32:49 PM



#40  
 2,4,5-Trichlorophenol  
 Concen: 7.421 ng/ul  
 RT: 12.79 min Scan# 1709  
 Delta R.T. -0.01 min  
 Lab File: BM026932.D  
 Acq: 29 Jul 2020 18:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 96.7  | 79.0  | 118.6 |
| 200     | 34.8  | 25.4  | 38.2  |





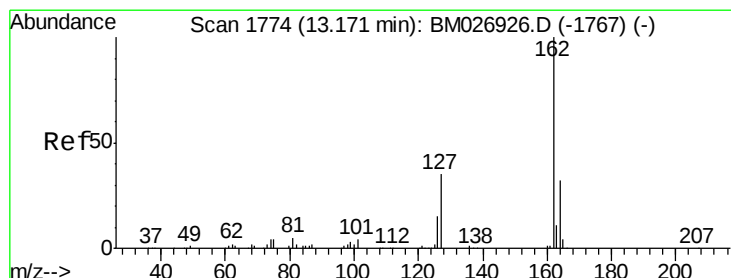
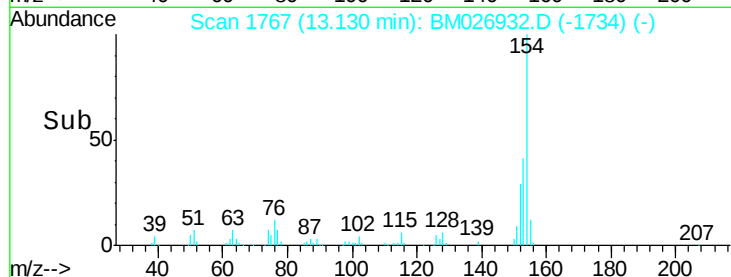
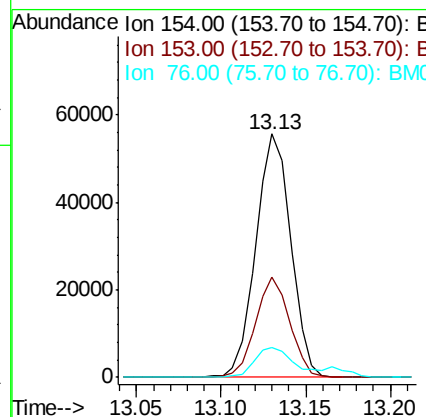
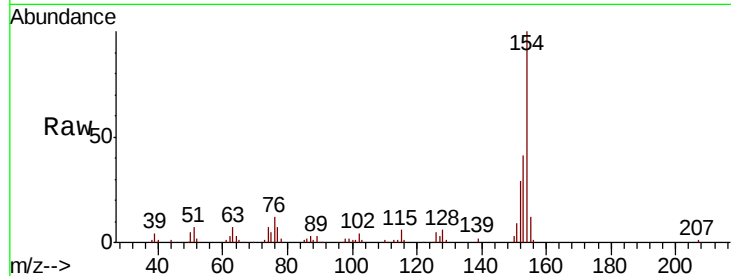
#41  
1,1'-Biphenyl  
Concen: 7.742 ng/ul  
RT: 13.13 min Scan# 1767  
Delta R.T. -0.01 min  
Lab File: BM026932.D  
Acq: 29 Jul 2020 18:53

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 154   | Resp: | 80454 |
| Ion Ratio | Lower | Upper |       |
| 154       | 100   |       |       |
| 153       | 41.1  | 31.4  | 47.2  |
| 76        | 12.4  | 10.8  | 16.2  |

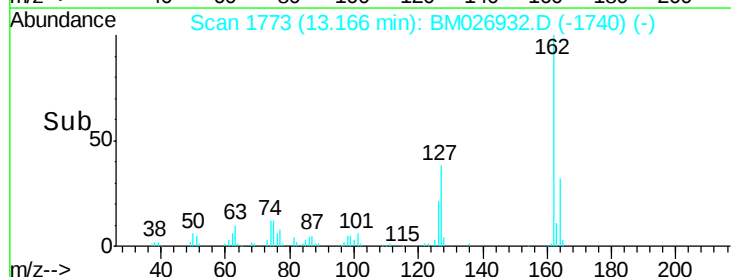
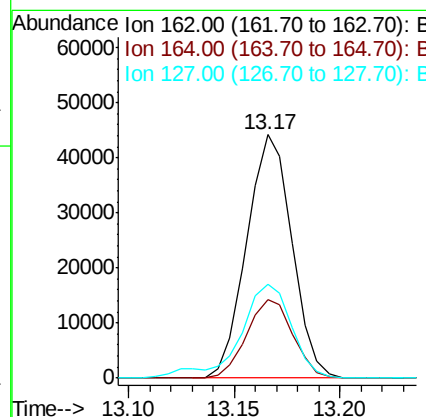
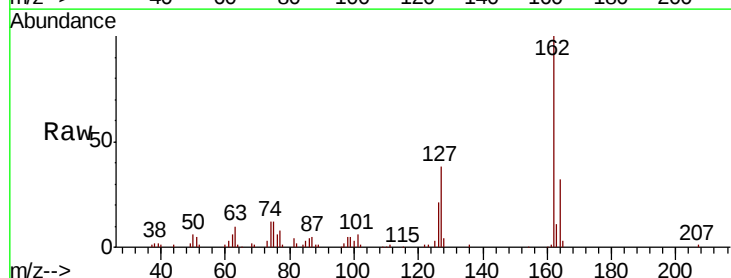
Manual Integrations  
APPROVED

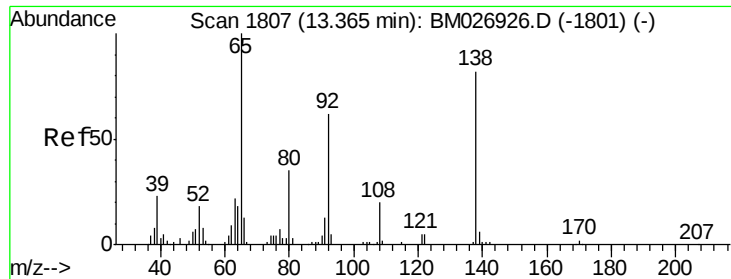
mohammad  
7/30/2020 3:32:49 PM



#42  
2-Chloronaphthalene  
Concen: 7.859 ng/ul  
RT: 13.17 min Scan# 1773  
Delta R.T. -0.01 min  
Lab File: BM026932.D  
Acq: 29 Jul 2020 18:53

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 162   | Resp: | 65716 |
| Ion Ratio | Lower | Upper |       |
| 162       | 100   |       |       |
| 164       | 32.2  | 26.4  | 39.6  |
| 127       | 38.3  | 30.6  | 45.8  |





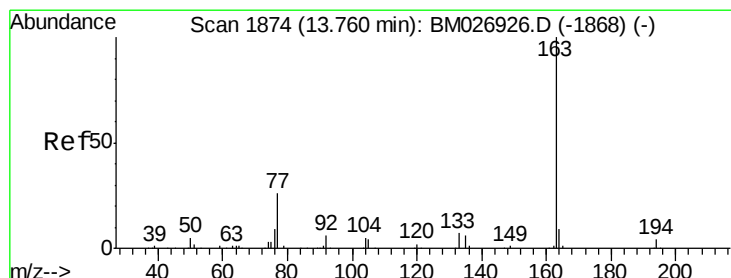
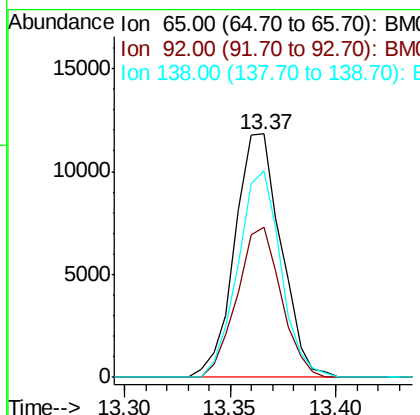
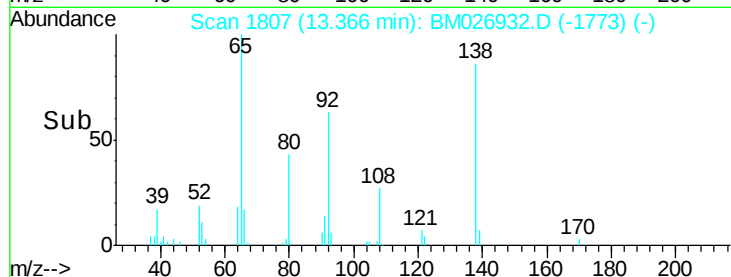
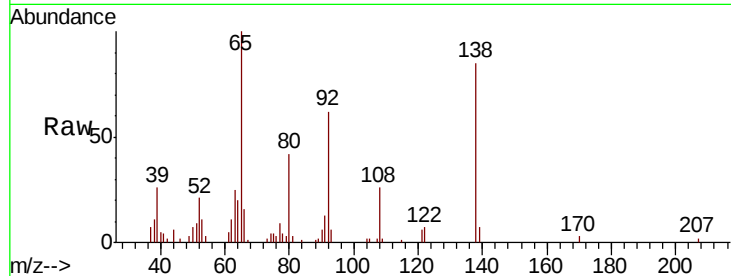
#43  
2-Nitroaniline  
Concen: 7.226 ng/ul  
RT: 13.37 min Scan# 1807  
Delta R.T. -0.00 min  
Lab File: BM026932.D  
Acq: 29 Jul 2020 18:53

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 61.6  | 51.0  | 76.6  |
| 138     | 84.6  | 67.3  | 100.9 |

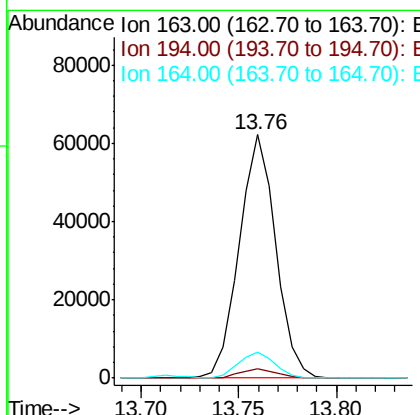
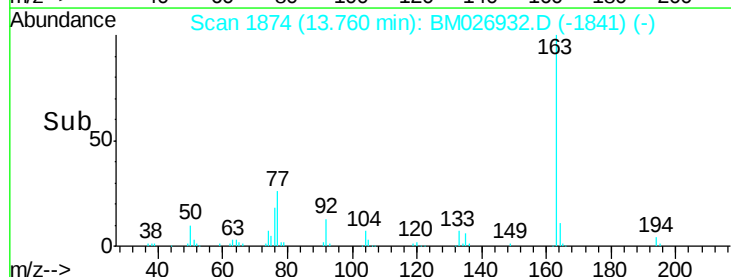
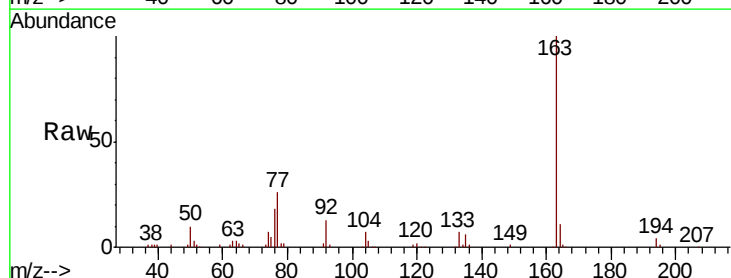
Manual Integrations  
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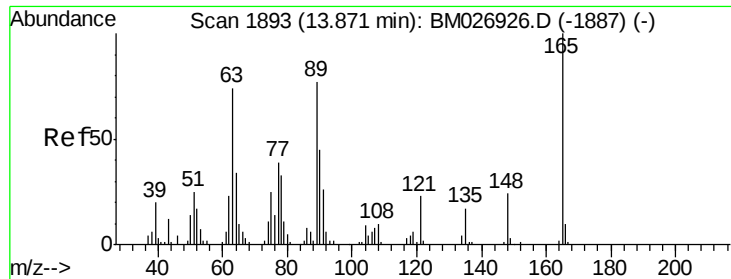
mohammad  
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#45  
Dimethylphthalate  
Concen: 7.848 ng/ul  
RT: 13.76 min Scan# 1874  
Delta R.T. -0.01 min  
Lab File: BM026932.D  
Acq: 29 Jul 2020 18:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 4.1   | 3.0   | 4.6   |
| 164     | 10.6  | 8.6   | 12.8  |





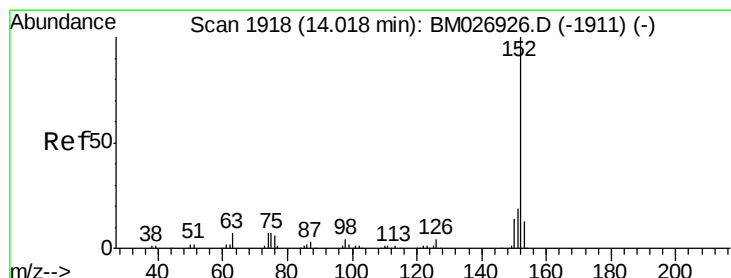
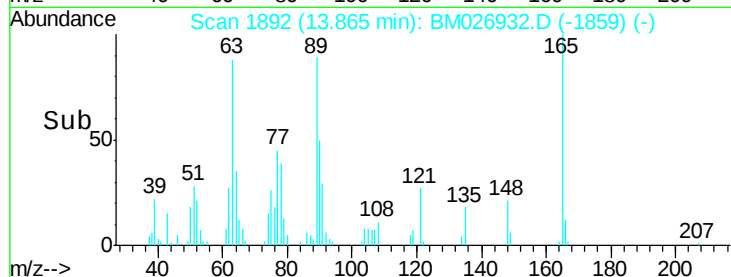
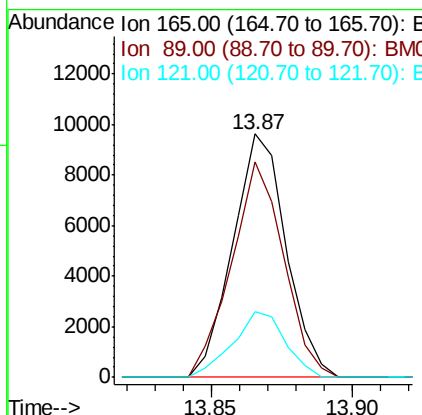
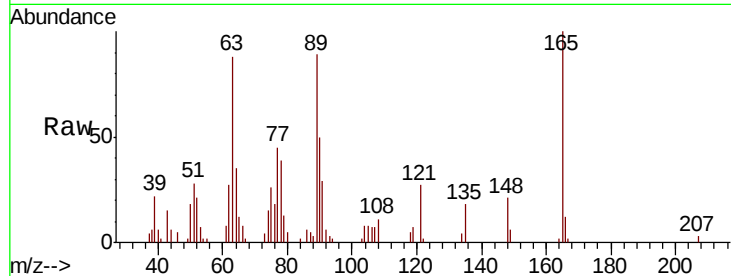
#46  
2,6-Dinitrotoluene  
Concen: 6.987 ng/ul  
RT: 13.87 min Scan# 1892  
Delta R.T. -0.01 min  
Lab File: BM026932.D  
Acq: 29 Jul 2020 18:53

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 89      | 88.7  | 55.0  | 82.4  |
| 121     | 27.2  | 19.0  | 28.6  |

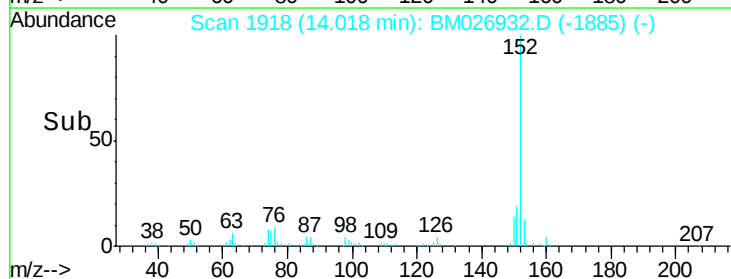
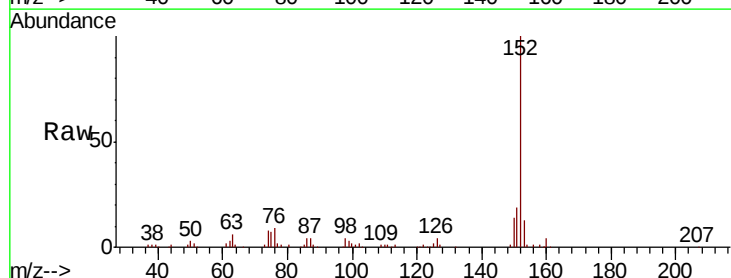
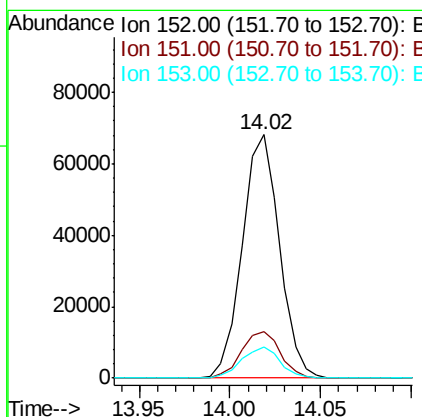
Manual Integrations  
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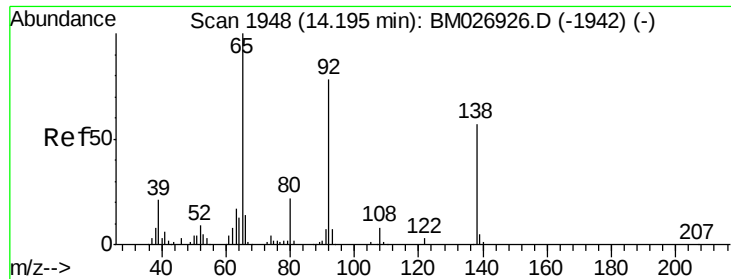
mohammad  
7/30/2020 3:32:49 PM



#48  
Acenaphthylene  
Concen: 7.703 ng/ul  
RT: 14.02 min Scan# 1918  
Delta R.T. -0.01 min  
Lab File: BM026932.D  
Acq: 29 Jul 2020 18:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 19.2  | 15.8  | 23.6  |
| 153     | 13.0  | 10.7  | 16.1  |





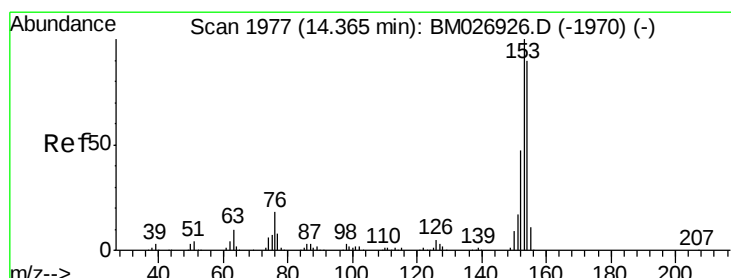
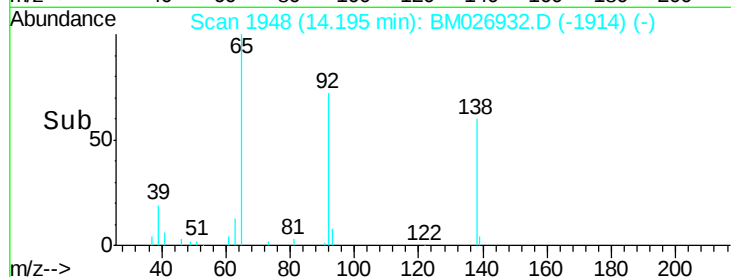
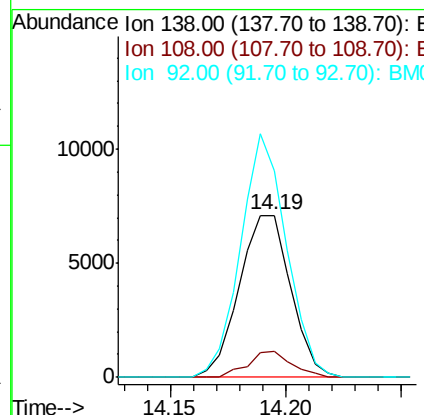
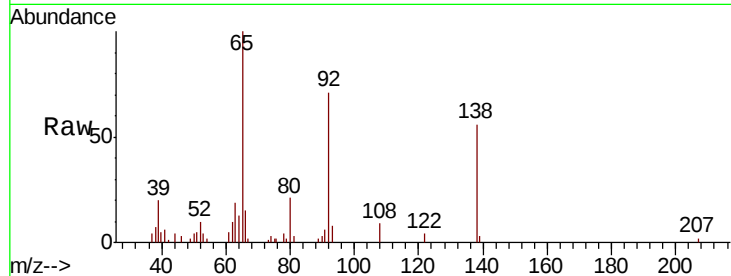
#49  
3-Nitroaniline  
Concen: 6.272 ng/ul  
RT: 14.19 min Scan# 1948  
Delta R.T. -0.00 min  
Lab File: BM026932.D  
Acq: 29 Jul 2020 18:53

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 16.0  | 11.4  | 17.2  |
| 92      | 127.5 | 108.7 | 163.1 |

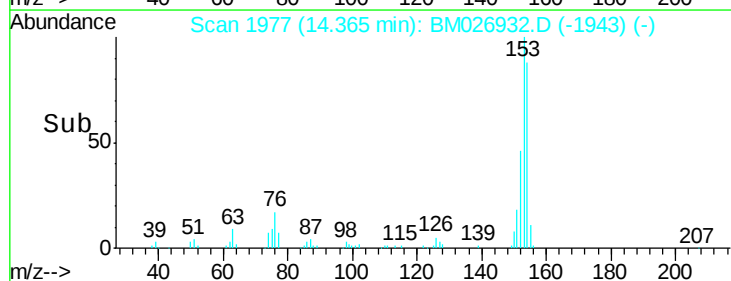
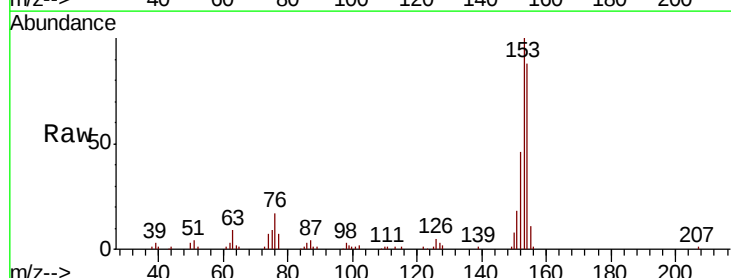
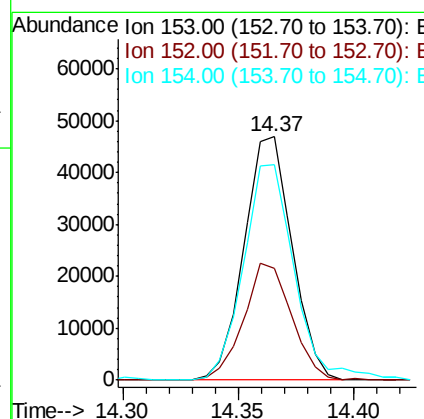
Manual Integrations  
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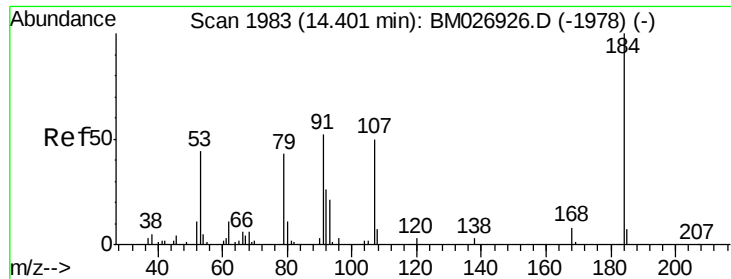
mohammad  
7/30/2020 3:32:49 PM



#50  
Acenaphthene  
Concen: 7.863 ng/ul  
RT: 14.37 min Scan# 1977  
Delta R.T. -0.00 min  
Lab File: BM026932.D  
Acq: 29 Jul 2020 18:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 153     | 100   |       |       |
| 152     | 46.0  | 37.8  | 56.6  |
| 154     | 88.4  | 70.5  | 105.7 |





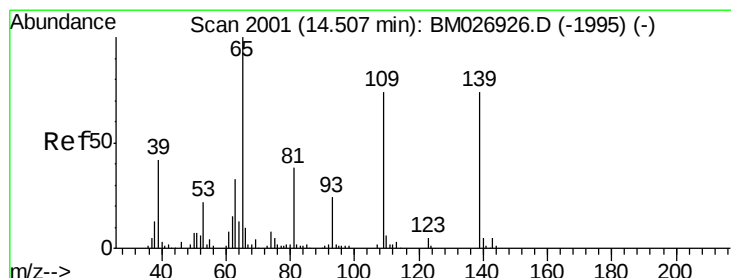
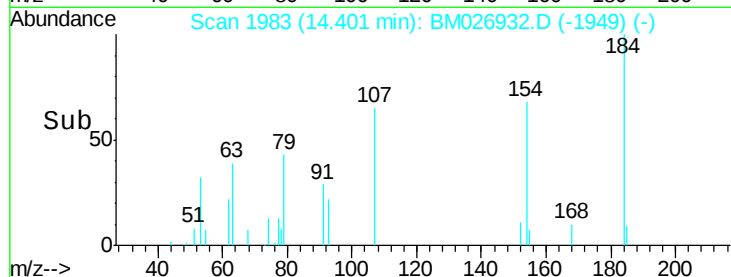
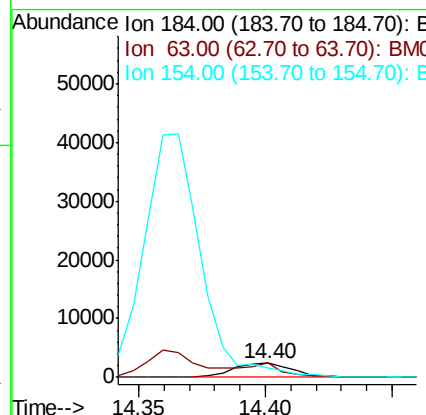
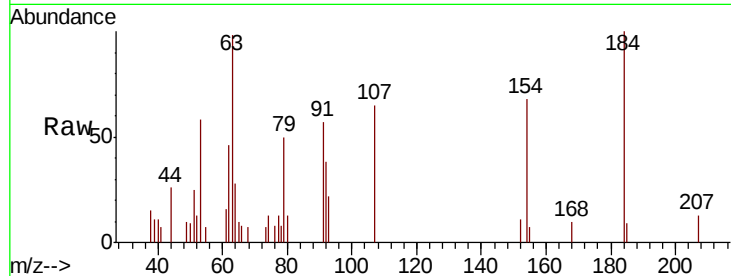
#51  
 2,4-Dinitrophenol  
 Concen: 5.515 ng/ul  
 RT: 14.40 min Scan# 1983  
 Delta R.T. -0.00 min  
 Lab File: BM026932.D  
 Acq: 29 Jul 2020 18:53

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-WATER-03

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 184     | 100   | 3985 |       |       |
| 63      | 97.8  | 57.8 | 86.8# |       |
| 154     | 68.0  | 55.0 | 82.4  |       |

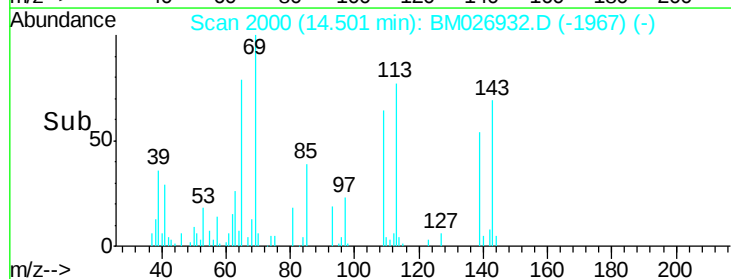
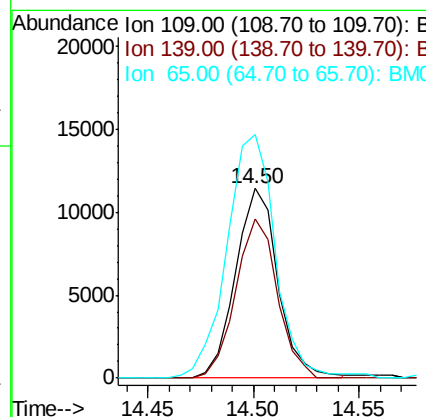
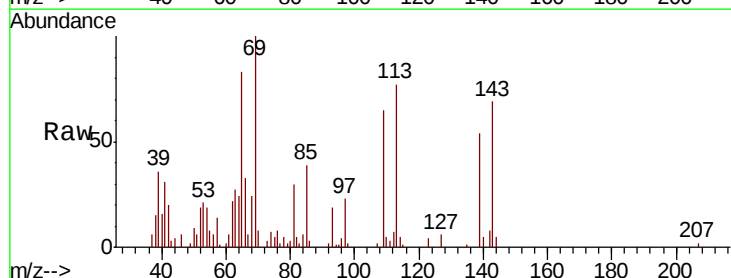
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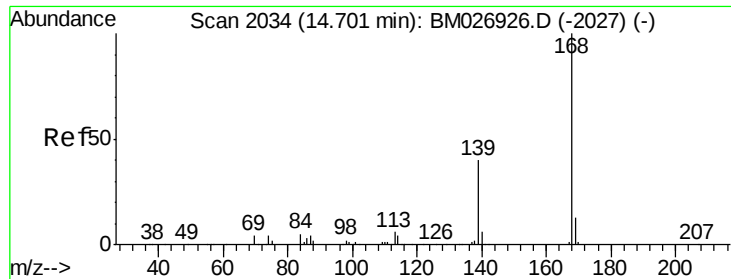
mohammad  
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#53  
 4-Nitrophenol  
 Concen: 9.624 ng/ul  
 RT: 14.50 min Scan# 2000  
 Delta R.T. -0.01 min  
 Lab File: BM026932.D  
 Acq: 29 Jul 2020 18:53

| Tgt Ion | Ratio | Resp  | Lower  | Upper |
|---------|-------|-------|--------|-------|
| 109     | 100   | 15903 |        |       |
| 139     | 83.8  | 92.3  | 138.5# |       |
| 65      | 128.6 | 116.6 | 174.8  |       |





#54

Dibenzofuran

Concen: 8.078 ng/ul

RT: 14.70 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BM026932.D

Acq: 29 Jul 2020 18:53

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03

Tot Ion:168 Resp: 97275

Ion Ratio Lower Upper

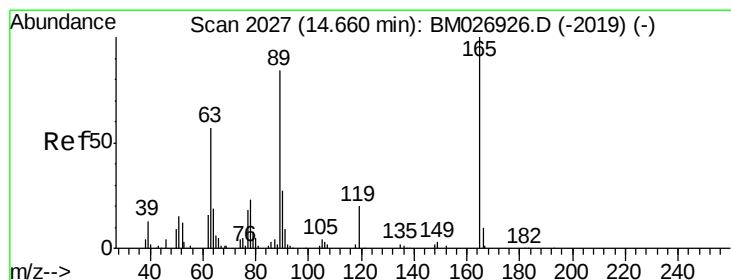
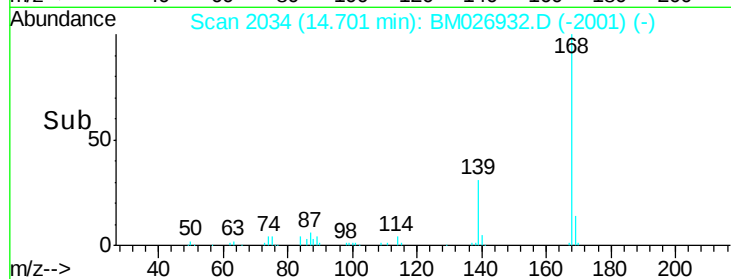
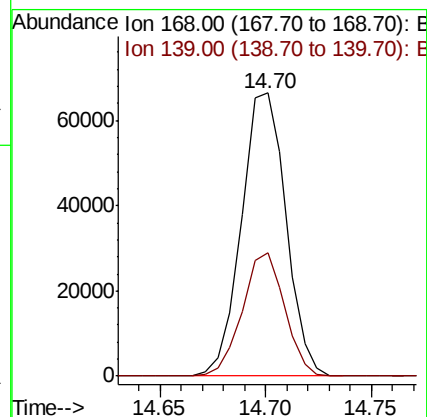
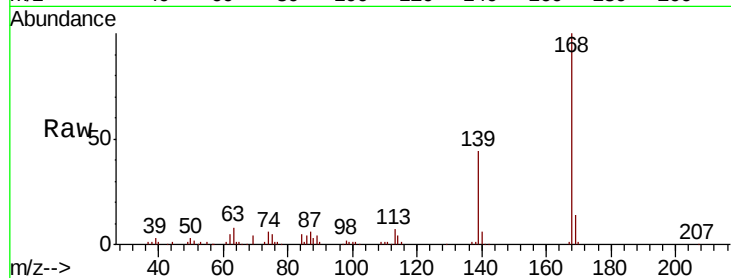
168 100

139 43.5 30.8 46.2

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#55

2,4-Dinitrotoluene

Concen: 7.691 ng/ul

RT: 14.65 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BM026932.D

Acq: 29 Jul 2020 18:53

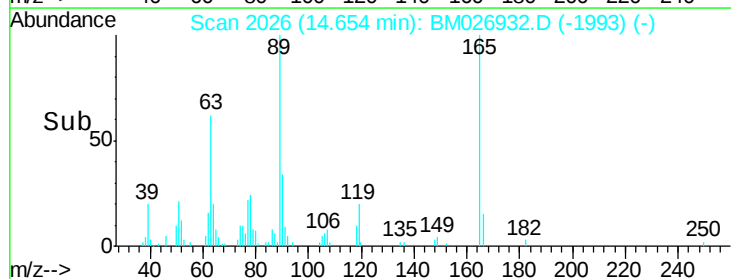
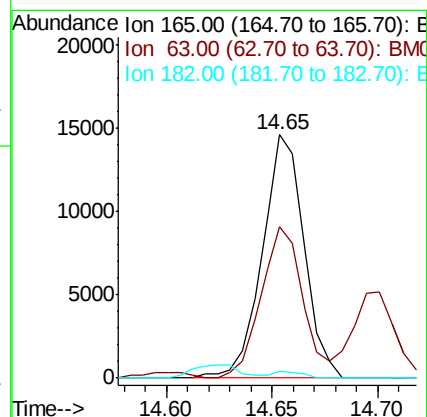
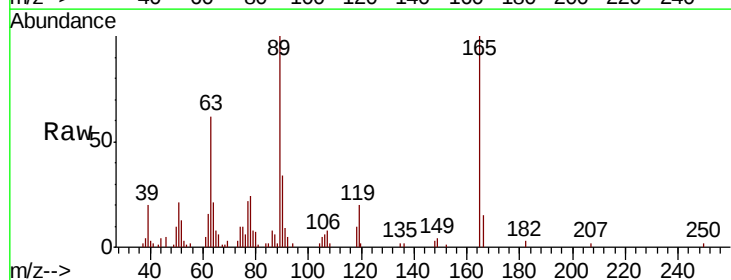
Tgt Ion:165 Resp: 19939

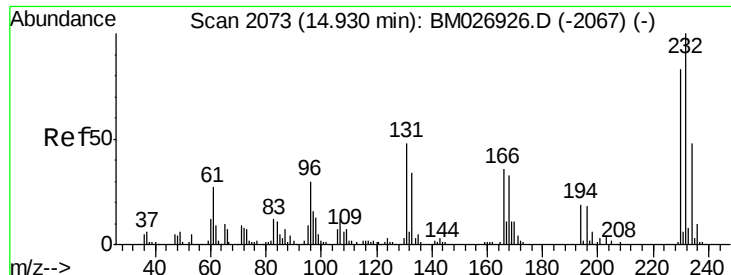
Ion Ratio Lower Upper

165 100

63 62.4 46.2 69.4

182 2.7 2.4 3.6





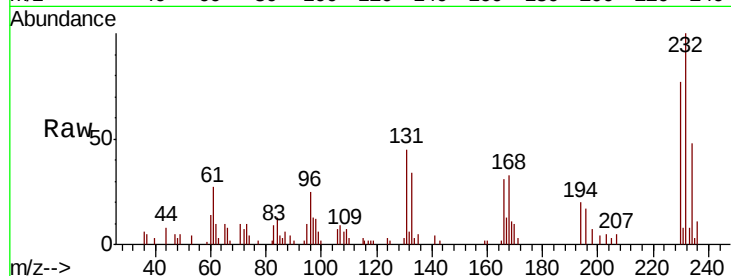
#56  
2,3,4,6-Tetrachlorophenol  
Concen: 7.514 ng/ul  
RT: 14.93 min Scan# 2073  
Delta R.T. -0.00 min  
Lab File: BM026932.D  
Acq: 29 Jul 2020 18:53

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 232   | Resp: | 15343 |
| Ion Ratio | Lower | Upper |       |
| 232       | 100   |       |       |
| 131       | 44.9  | 39.4  | 59.2  |
| 130       | 2.9   | 2.6   | 4.0   |
| 166       | 31.0  | 26.7  | 40.1  |

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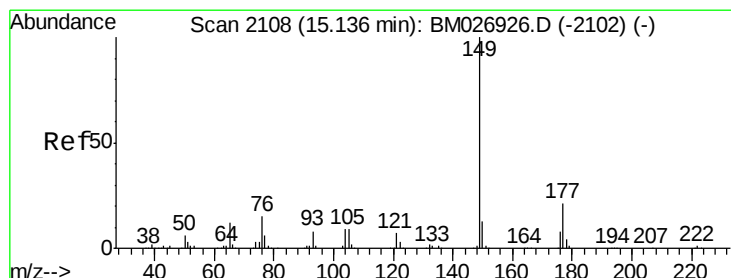
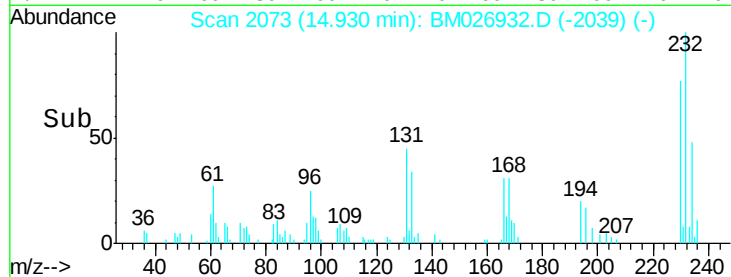
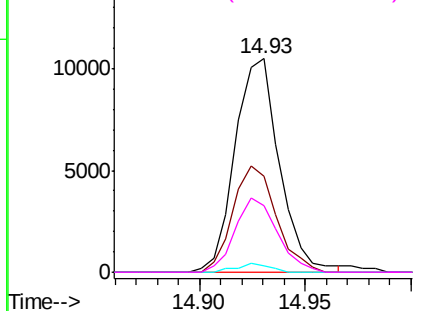
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#57  
Diethylphthalate  
Concen: 7.801 ng/ul  
RT: 15.14 min Scan# 2108  
Delta R.T. -0.01 min  
Lab File: BM026932.D  
Acq: 29 Jul 2020 18:53

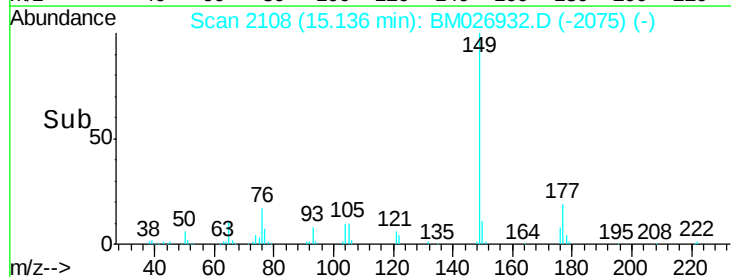
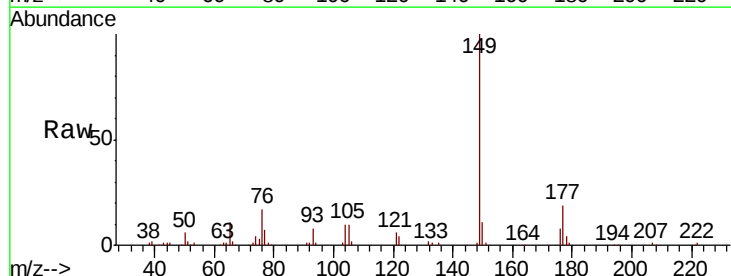
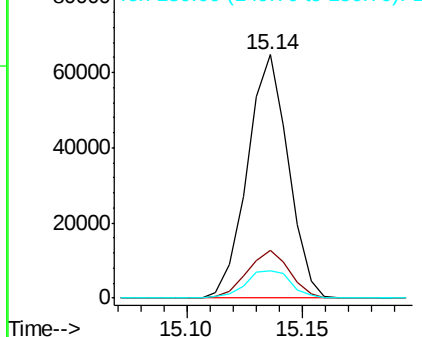
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 149   | Resp: | 80061 |
| Ion Ratio | Lower | Upper |       |
| 149       | 100   |       |       |
| 177       | 19.4  | 17.0  | 25.4  |
| 150       | 11.3  | 9.2   | 13.8  |

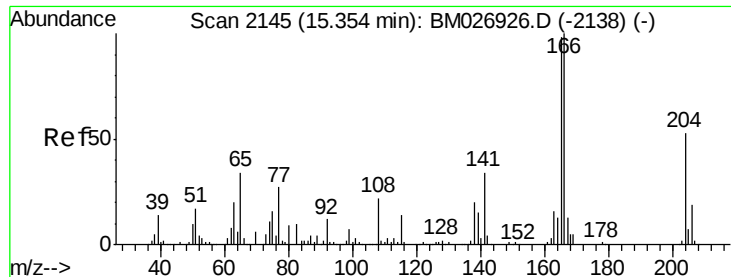
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#59

Fluorene

Concen: 7.825 ng/ul

RT: 15.35 min Scan# 2144

Delta R.T. -0.01 min

Lab File: BM026932.D

Acq: 29 Jul 2020 18:53

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03

Tot Ion:166 Resp: 79341

Ion Ratio Lower Upper

166 100

165 104.4 78.2 117.2

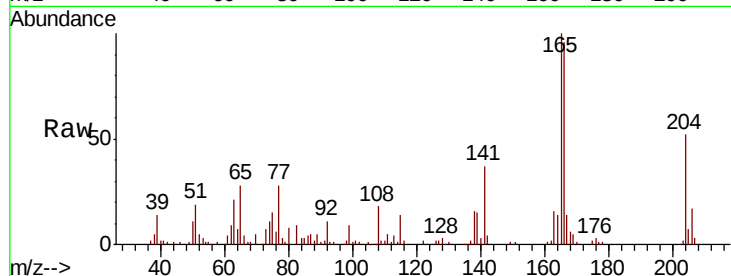
167 14.5 10.3 15.5

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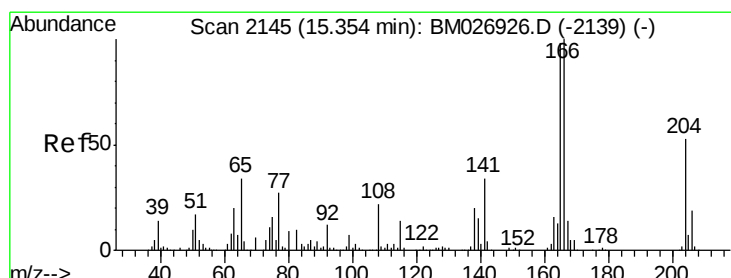
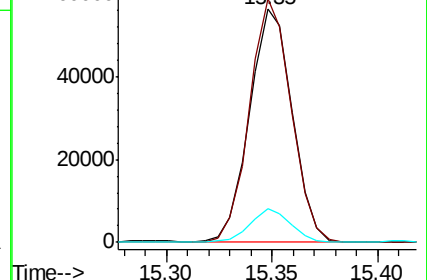
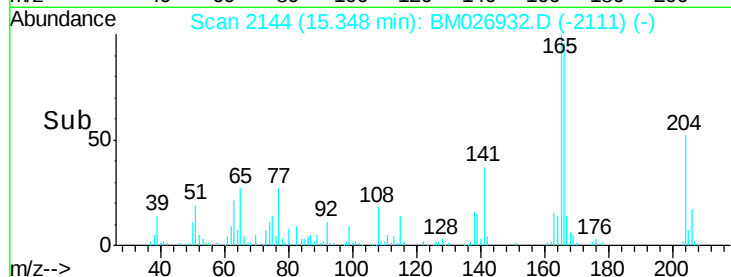
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#60

4-Chlorophenyl-phenylether

Concen: 8.102 ng/ul

RT: 15.35 min Scan# 2144

Delta R.T. -0.01 min

Lab File: BM026932.D

Acq: 29 Jul 2020 18:53

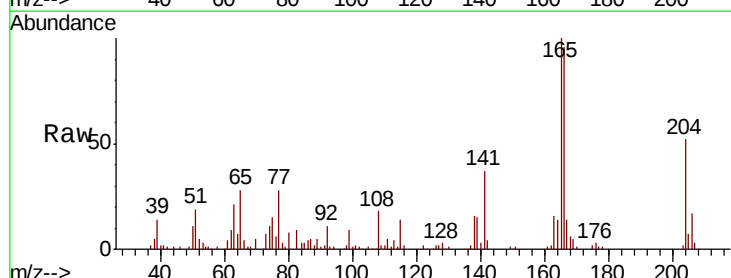
Tgt Ion:204 Resp: 40888

Ion Ratio Lower Upper

204 100

206 33.1 26.0 39.0

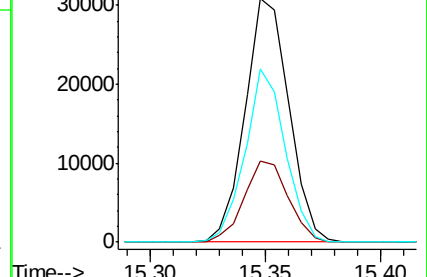
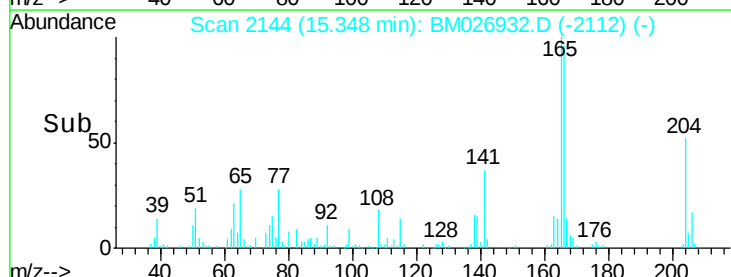
141 71.1 48.3 72.5

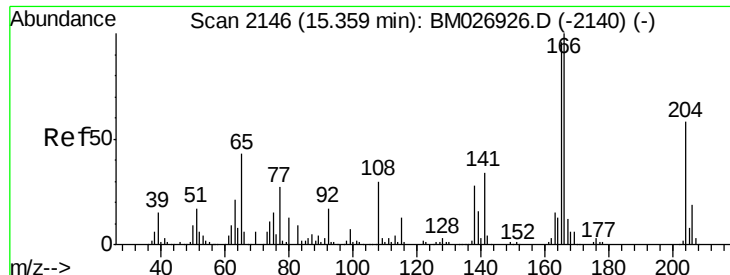


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





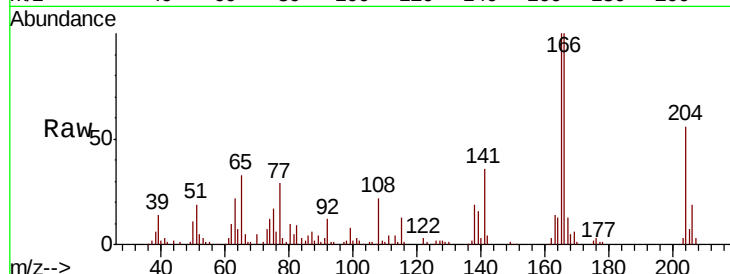
#61  
4-Nitroaniline  
Concen: 6.554 ng/ul  
RT: 15.35 min Scan# 2145  
Delta R.T. -0.01 min  
Lab File: BM026932.D  
Acq: 29 Jul 2020 18:53

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 138     | 100   |       |        |
| 92      | 63.0  | 49.9  | 74.9   |
| 108     | 119.4 | 78.9  | 118.3# |

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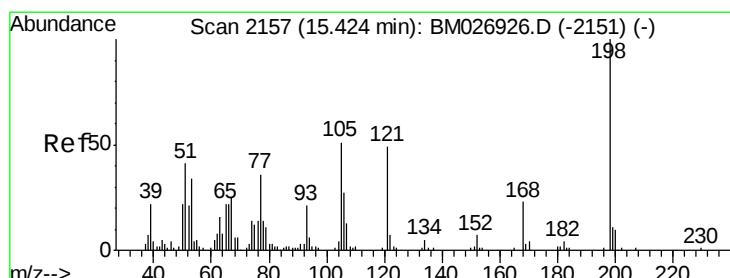
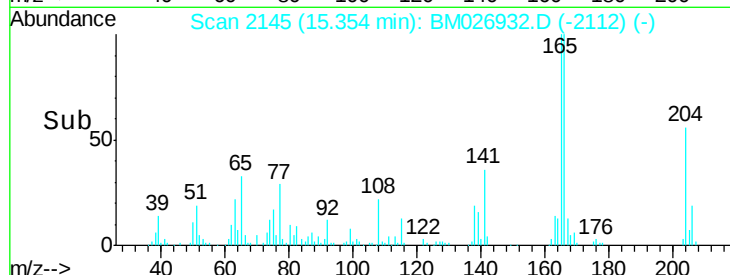
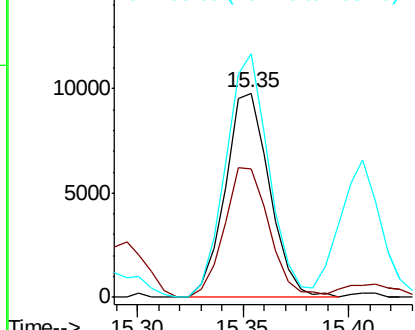


Abundance

Ion 138.00 (137.70 to 138.70): E

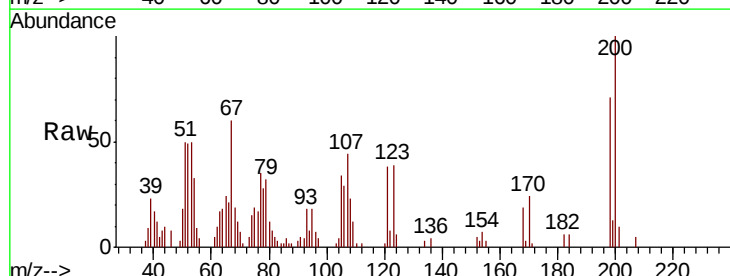
Ion 92.00 (91.70 to 92.70): BM0

Ion 108.00 (107.70 to 108.70): E



#64  
4,6-Dinitro-2-methylphenol  
Concen: 7.112 ng/ul  
RT: 15.42 min Scan# 2156  
Delta R.T. -0.01 min  
Lab File: BM026932.D  
Acq: 29 Jul 2020 18:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 182     | 7.9   | 4.2   | 6.4#  |
| 77      | 49.6  | 29.3  | 43.9# |

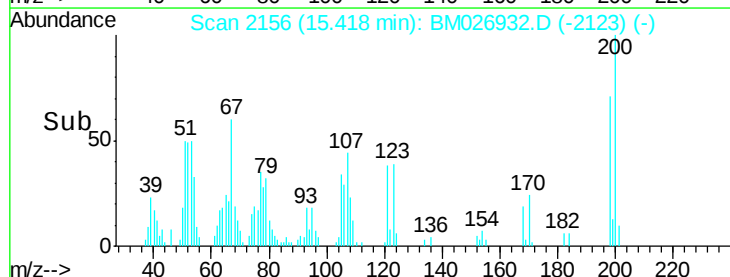
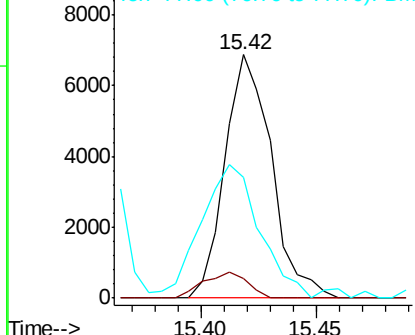


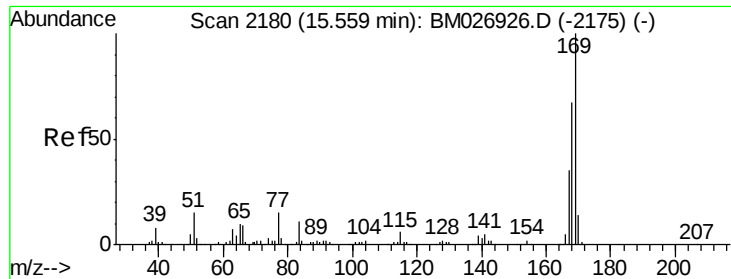
Abundance

Ion 198.00 (197.70 to 198.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): BM0





#65

N-Nitrosodiphenylamine

Concen: 7.475 ng/ul

RT: 15.56 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BM026932.D

Acq: 29 Jul 2020 18:53

Instrument :

BNA\_M

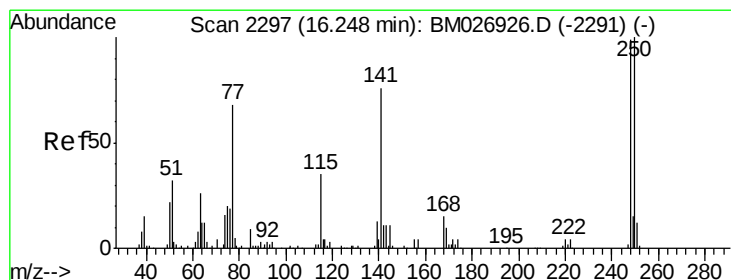
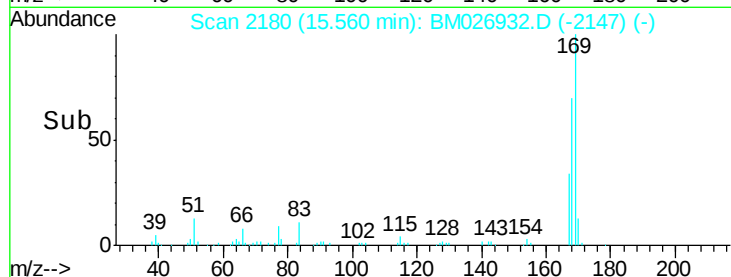
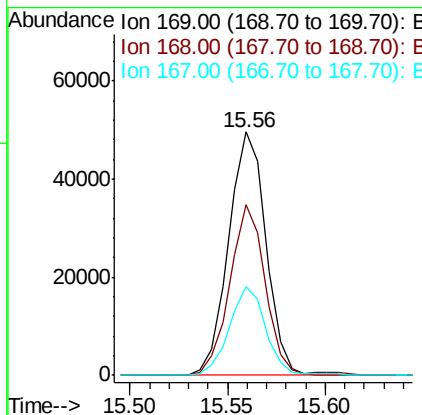
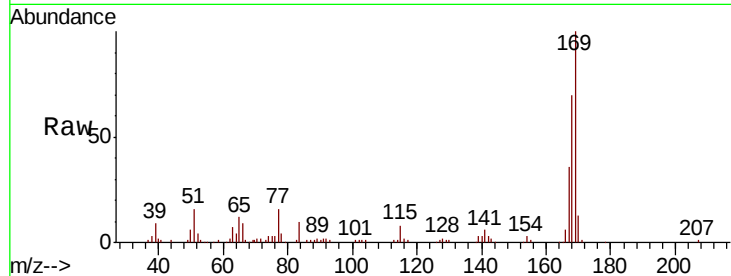
ClientSampleId :

MDL-WATER-03

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 169   | Resp: | 65573 |
| Ion Ratio | Lower | Upper |       |
| 169       | 100   |       |       |
| 168       | 70.0  | 54.6  | 82.0  |
| 167       | 36.3  | 29.1  | 43.7  |

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#66

4-Bromophenyl-phenylether

Concen: 7.805 ng/ul

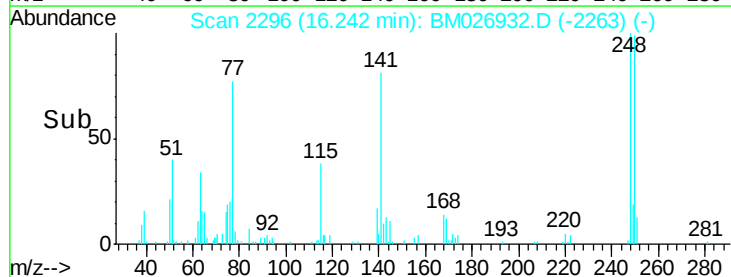
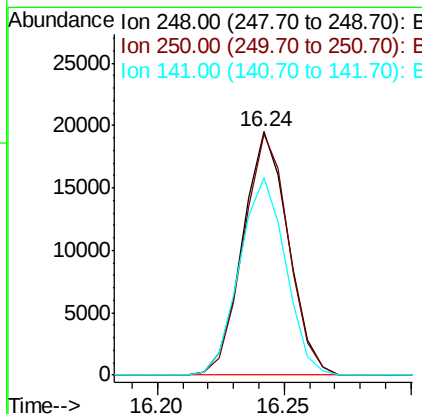
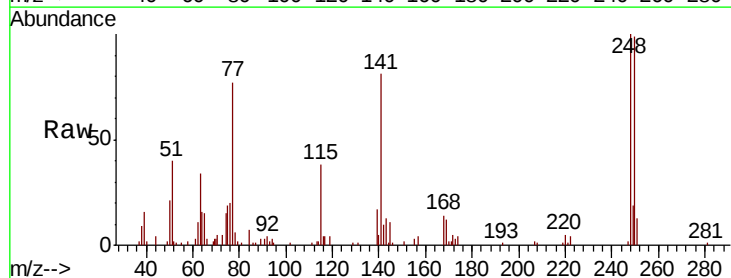
RT: 16.24 min Scan# 2296

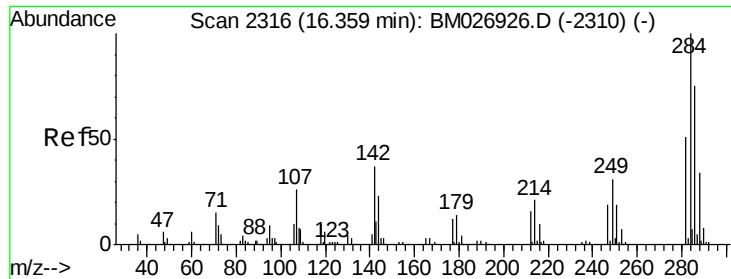
Delta R.T. -0.01 min

Lab File: BM026932.D

Acq: 29 Jul 2020 18:53

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 248   | Resp: | 24554 |
| Ion Ratio | Lower | Upper |       |
| 248       | 100   |       |       |
| 250       | 99.1  | 78.2  | 117.4 |
| 141       | 81.0  | 57.5  | 86.3  |





#67

Hexachlorobenzene

Concen: 8.344 ng/ul

RT: 16.36 min Scan# 2316

Delta R.T. -0.00 min

Lab File: BM026932.D

Acq: 29 Jul 2020 18:53

Instrument :

BNA\_M

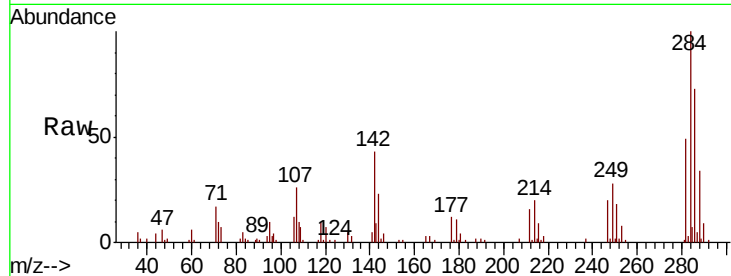
ClientSampleId :

MDL-WATER-03

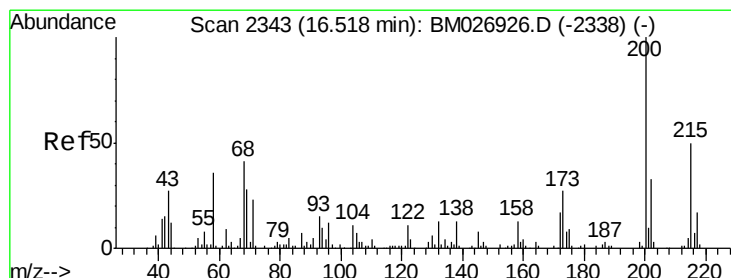
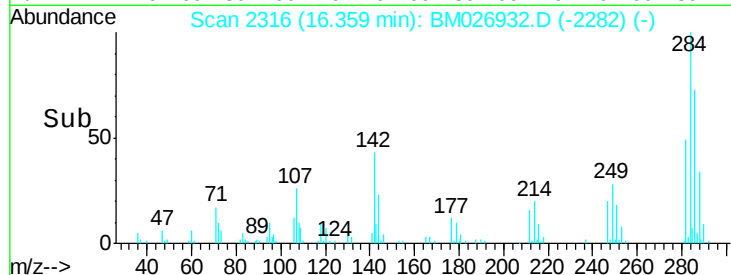
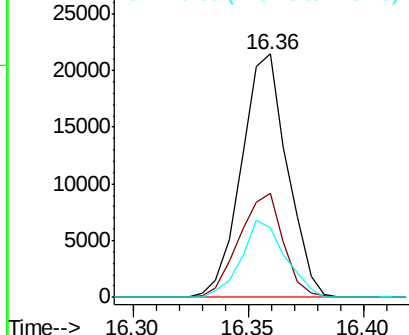
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 284   | Resp: | 29766 |
| Ion Ratio | Lower | Upper |       |
| 284       | 100   |       |       |
| 142       | 42.6  | 31.7  | 47.5  |
| 249       | 28.3  | 25.7  | 38.5  |

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Abundance Ion 284.00 (283.70 to 284.70): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 6.958 ng/ul

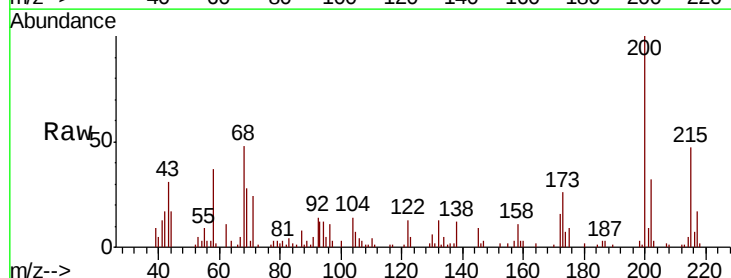
RT: 16.51 min Scan# 2342

Delta R.T. -0.01 min

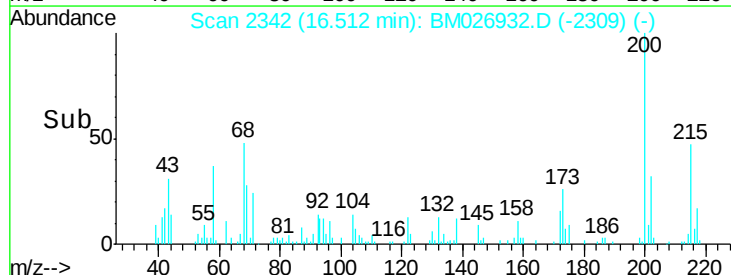
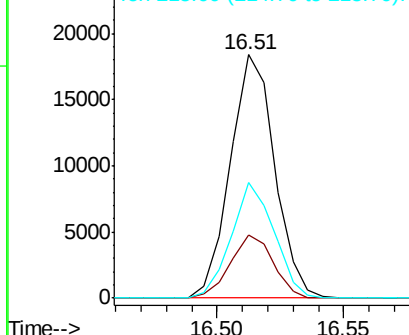
Lab File: BM026932.D

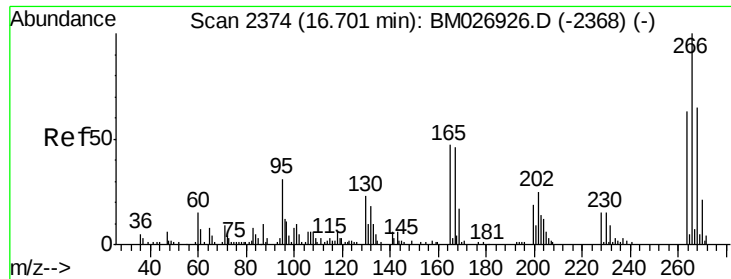
Acq: 29 Jul 2020 18:53

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 200   | Resp: | 22406 |
| Ion Ratio | Lower | Upper |       |
| 200       | 100   |       |       |
| 173       | 25.8  | 22.4  | 33.6  |
| 215       | 47.4  | 38.6  | 58.0  |



Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E





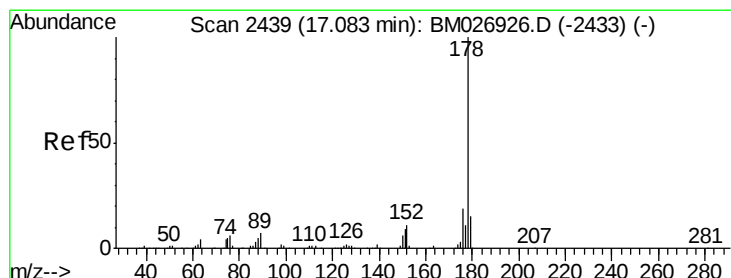
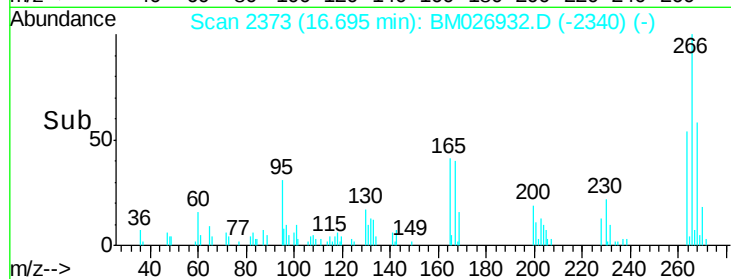
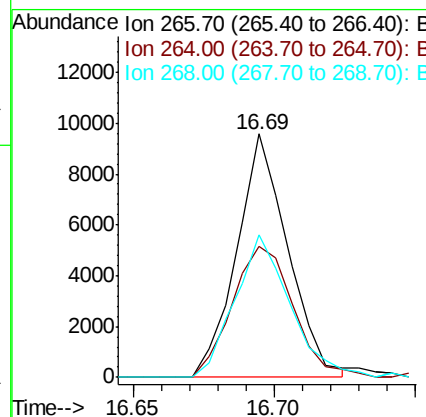
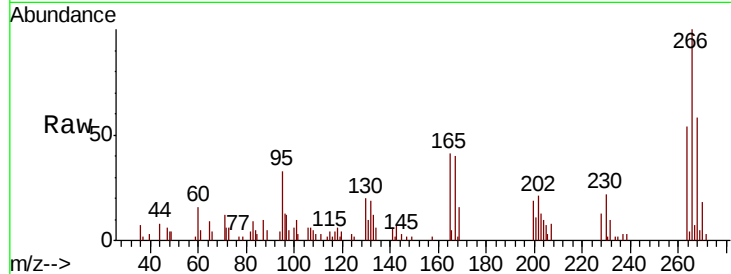
#69  
 Pentachlorophenol  
 Concen: 6.781 ng/ul  
 RT: 16.69 min Scan# 2373  
 Delta R.T. -0.01 min  
 Lab File: BM026932.D  
 Acq: 29 Jul 2020 18:53

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-WATER-03

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 264     | 53.8  | 49.3  | 73.9  |
| 268     | 58.5  | 50.5  | 75.7  |

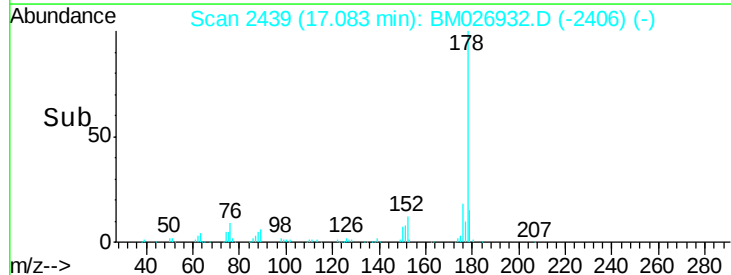
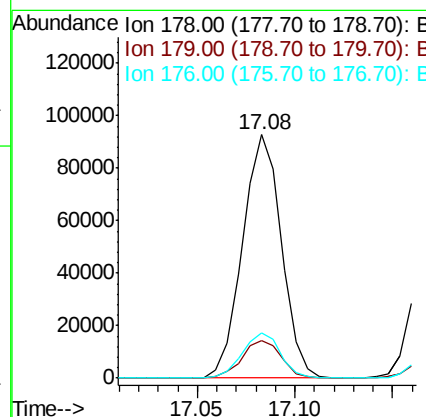
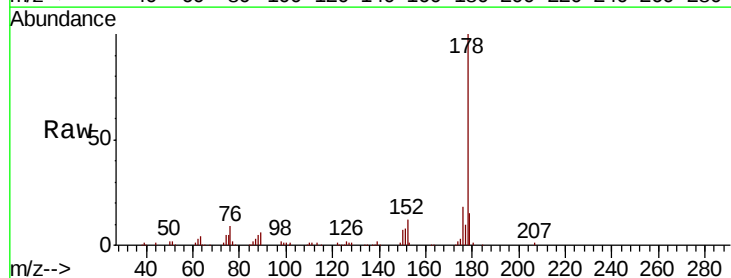
Manual Integrations  
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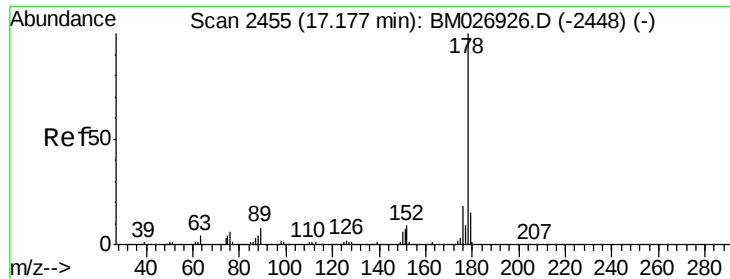
mohammad  
 7/30/2020 3:32:49 PM



#70  
 Phenanthrene  
 Concen: 7.878 ng/ul  
 RT: 17.08 min Scan# 2439  
 Delta R.T. -0.01 min  
 Lab File: BM026932.D  
 Acq: 29 Jul 2020 18:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 179     | 15.2  | 12.0  | 18.0  |
| 176     | 18.4  | 14.7  | 22.1  |





#72

Anthracene

Concen: 7.767 ng/ul

RT: 17.17 min Scan# 2454

Delta R.T. -0.01 min

Lab File: BM026932.D

Acq: 29 Jul 2020 18:53

Instrument :

BNA\_M

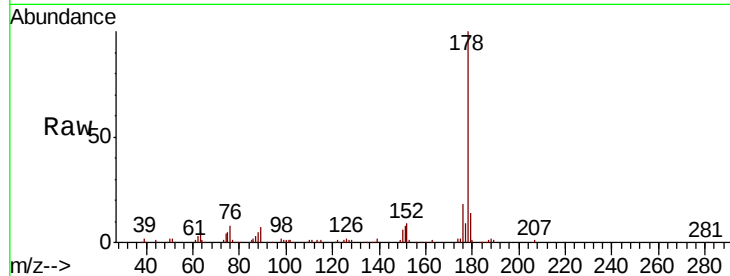
ClientSampleId :

MDL-WATER-03

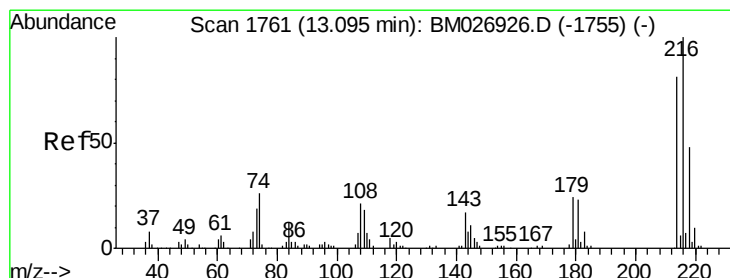
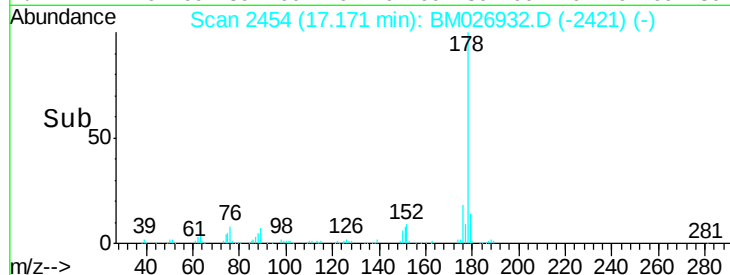
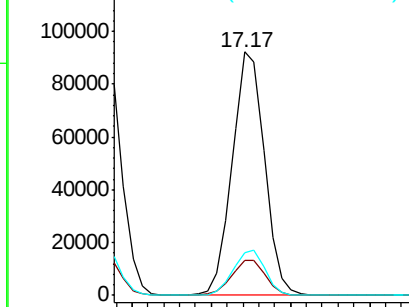
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 178   | Resp: | 129955 |
| Ion Ratio | Lower | Upper |        |
| 178       | 100   |       |        |
| 179       | 14.3  | 11.8  | 17.6   |
| 176       | 17.6  | 15.0  | 22.6   |

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Abundance Ion 178.00 (177.70 to 178.70): E  
Ion 179.00 (178.70 to 179.70): E  
Ion 176.00 (175.70 to 176.70): E



#73

1,2,3,4-Tetrachlorobenzene

Concen: 7.564 ng/uL

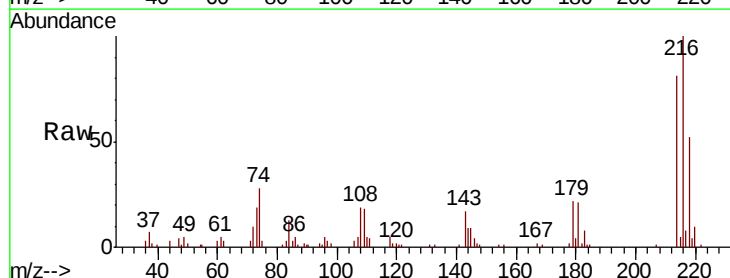
RT: 13.09 min Scan# 1761

Delta R.T. -0.01 min

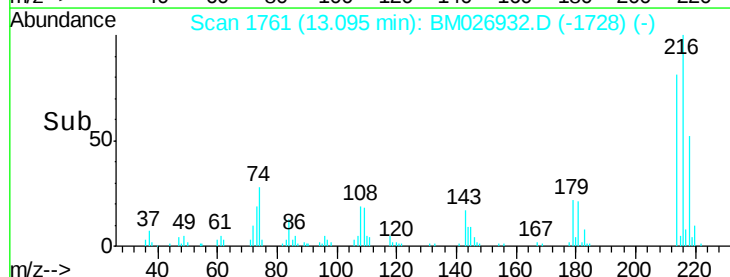
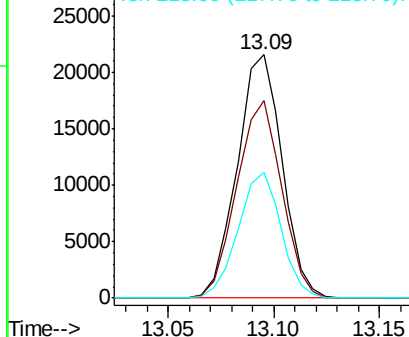
Lab File: BM026932.D

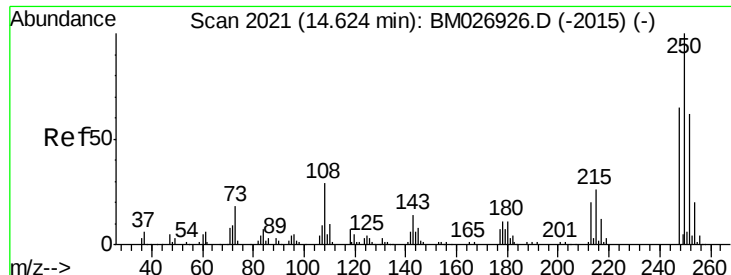
Acq: 29 Jul 2020 18:53

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 216   | Resp: | 31866 |
| Ion Ratio | Lower | Upper |       |
| 216       | 100   |       |       |
| 214       | 81.0  | 62.6  | 94.0  |
| 218       | 51.9  | 38.1  | 57.1  |



Abundance Ion 216.00 (215.70 to 216.70): E  
Ion 214.00 (213.70 to 214.70): E  
Ion 218.00 (217.70 to 218.70): E





#74

Pentachlorobenzene

Concen: 8.329 ng/uL

RT: 14.62 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BM026932.D

Acq: 29 Jul 2020 18:53

Instrument :

BNA\_M

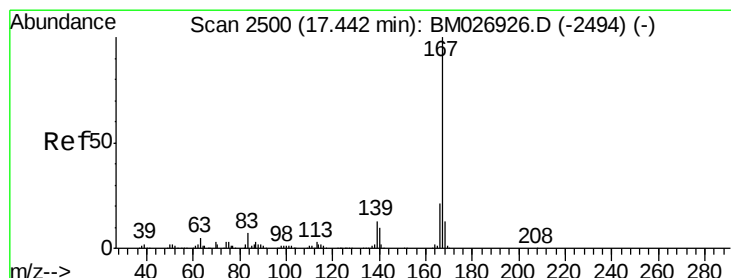
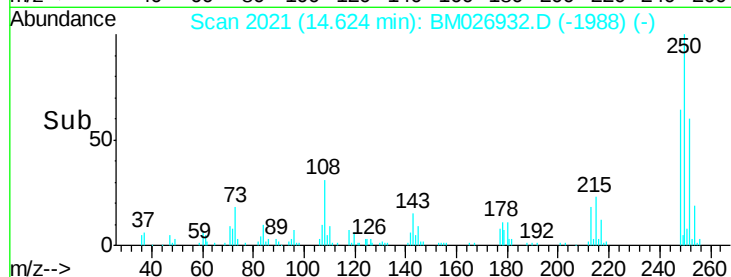
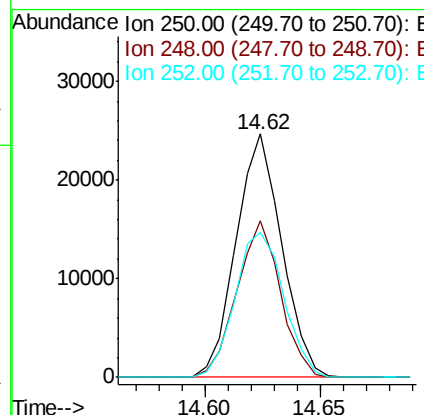
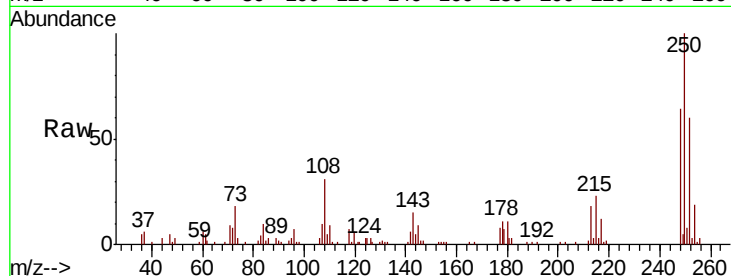
ClientSampleId :

MDL-WATER-03

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 250   | Resp: | 34020 |
| Ion Ratio | Lower | Upper |       |
| 250       | 100   |       |       |
| 248       | 64.1  | 49.6  | 74.4  |
| 252       | 63.1  | 51.7  | 77.5  |

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#75

Carbazole

Concen: 7.372 ng/uL

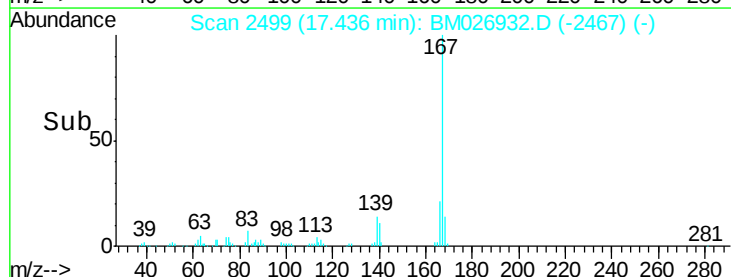
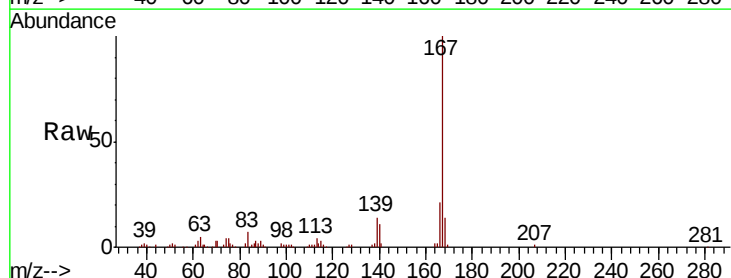
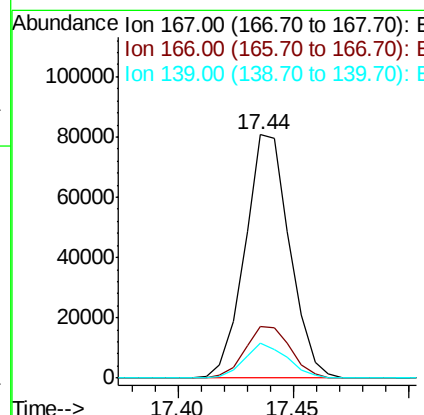
RT: 17.44 min Scan# 2499

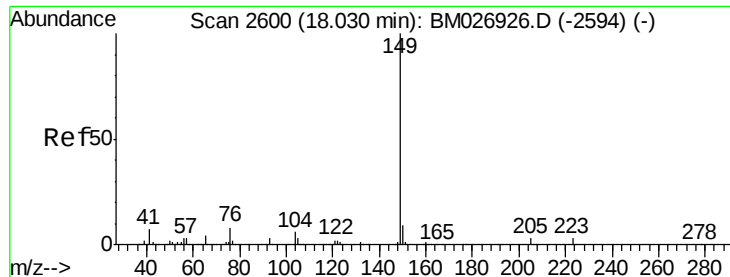
Delta R.T. -0.01 min

Lab File: BM026932.D

Acq: 29 Jul 2020 18:53

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 167   | Resp: | 109033 |
| Ion Ratio | Lower | Upper |        |
| 167       | 100   |       |        |
| 166       | 21.0  | 17.1  | 25.7   |
| 139       | 14.3  | 10.1  | 15.1   |





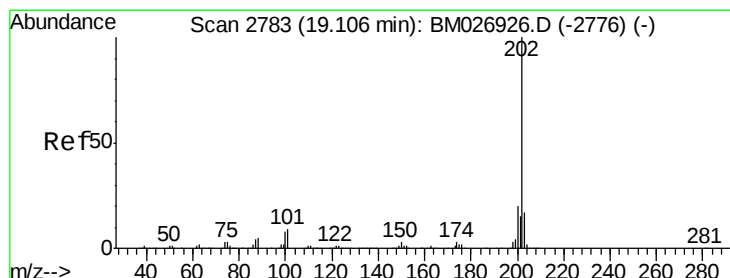
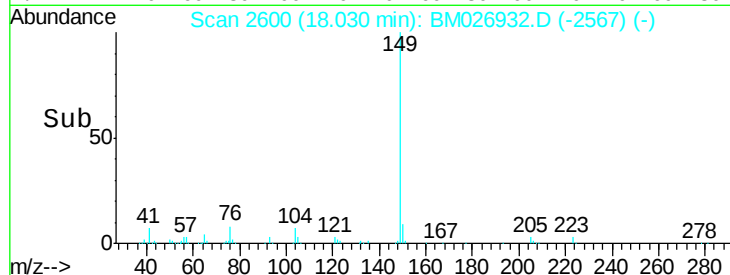
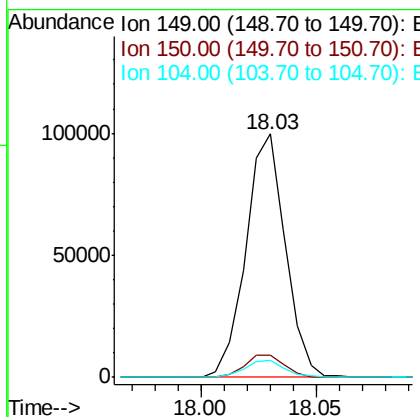
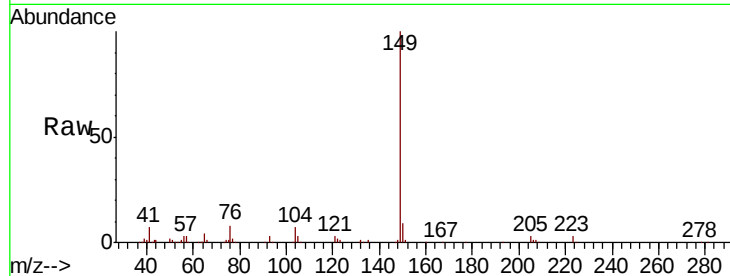
#76  
Di-n-butylphthalate  
Concen: 6.853 ng/ul  
RT: 18.03 min Scan# 2600  
Delta R.T. -0.01 min  
Lab File: BM026932.D  
Acq: 29 Jul 2020 18:53

Instrument :  
BNA\_M  
ClientSampled :  
MDL-WATER-03

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 119227 |       |       |
| 150     | 9.3   | 7.6    | 11.4  |       |
| 104     | 7.1   | 4.7    | 7.1   |       |

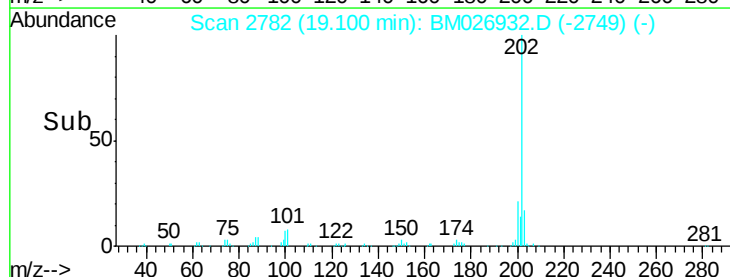
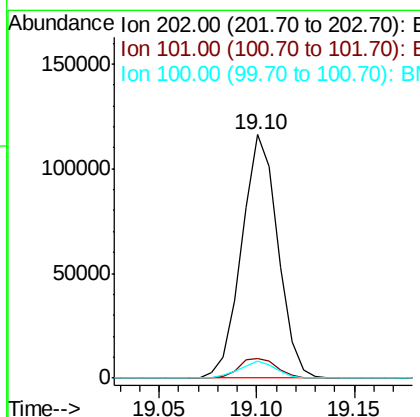
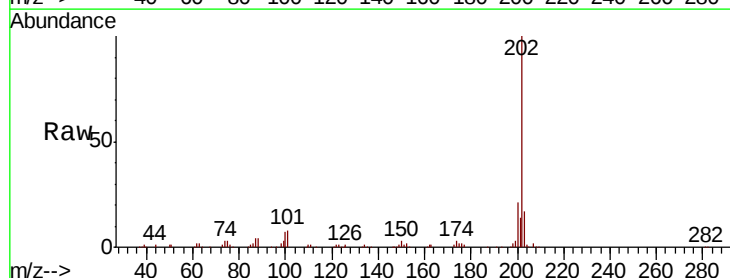
Manual Integrations  
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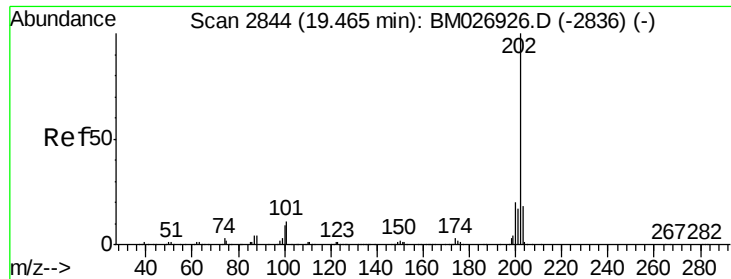
mohammad  
7/30/2020 3:32:49 PM



#77  
Fluoranthene  
Concen: 7.778 ng/ul  
RT: 19.10 min Scan# 2782  
Delta R.T. -0.01 min  
Lab File: BM026932.D  
Acq: 29 Jul 2020 18:53

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 202     | 100   | 149498 |       |       |
| 101     | 8.2   | 7.7    | 11.5  |       |
| 100     | 7.2   | 6.2    | 9.4   |       |





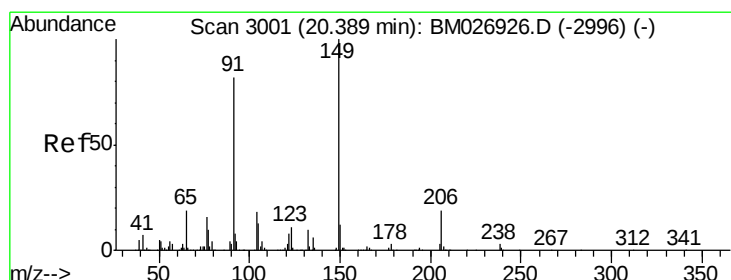
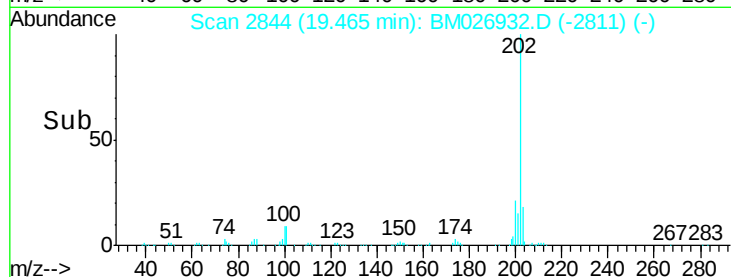
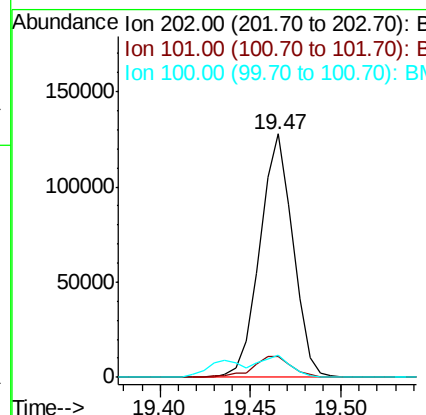
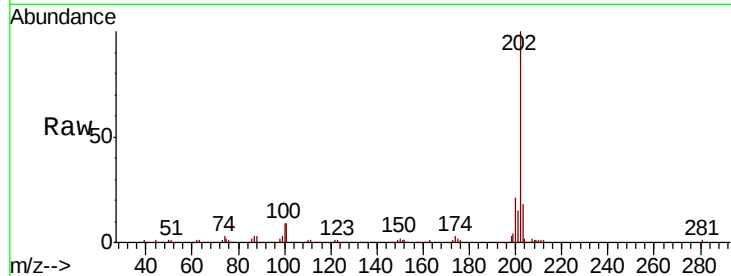
#80  
Pvrene  
Concen: 7.553 ng/ul  
RT: 19.47 min Scan# 2844  
Delta R.T. -0.01 min  
Lab File: BM026932.D  
Acq: 29 Jul 2020 18:53

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 202     | 100   |            |       |
| 101     | 8.8   | 9.4        | 14.2# |
| 100     | 9.3   | 8.2        | 12.4  |

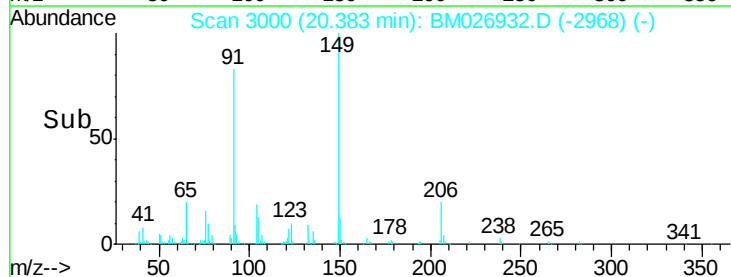
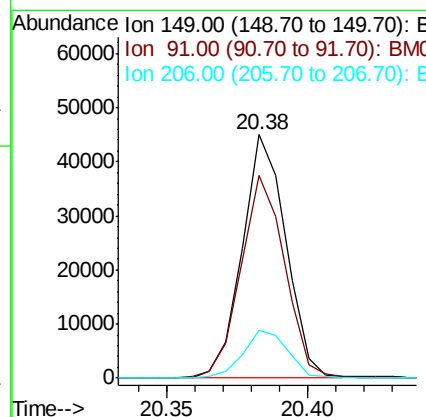
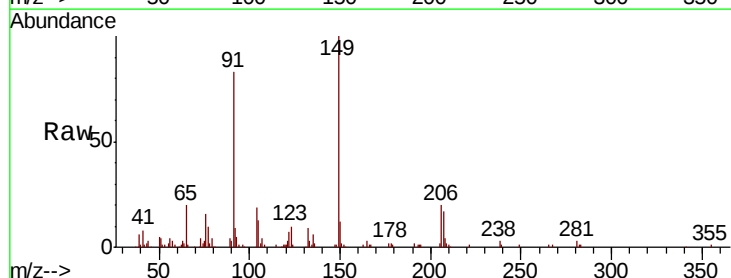
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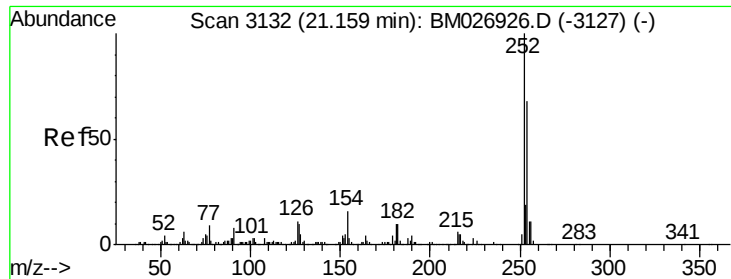
mohammad  
7/30/2020 3:32:49 PM



#81  
Butylbenzylphthalate  
Concen: 6.054 ng/ul  
RT: 20.38 min Scan# 3000  
Delta R.T. -0.01 min  
Lab File: BM026932.D  
Acq: 29 Jul 2020 18:53

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 149     | 100   |            |       |
| 91      | 83.3  | 64.2       | 96.2  |
| 206     | 19.8  | 15.8       | 23.6  |





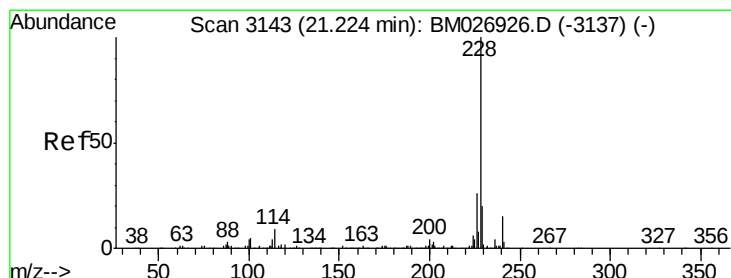
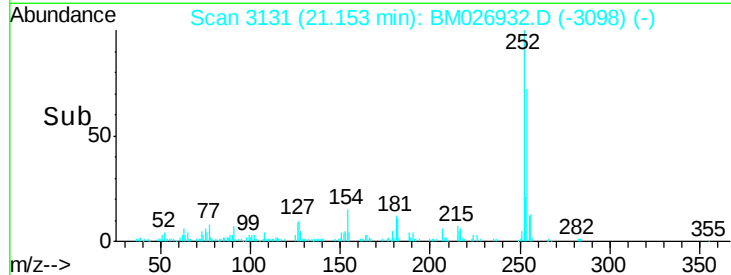
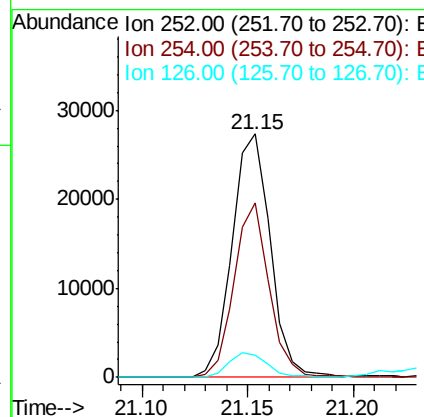
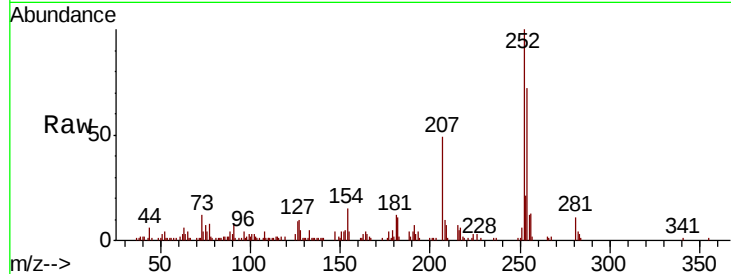
#82  
 3,3'-Dichlorobenzidine  
 Concen: 4.879 ng/ul  
 RT: 21.15 min Scan# 3131  
 Delta R.T. -0.01 min  
 Lab File: BM026932.D  
 Acq: 29 Jul 2020 18:53

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-WATER-03

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 71.6  | 51.4  | 77.2  |
| 126     | 9.4   | 8.7   | 13.1  |

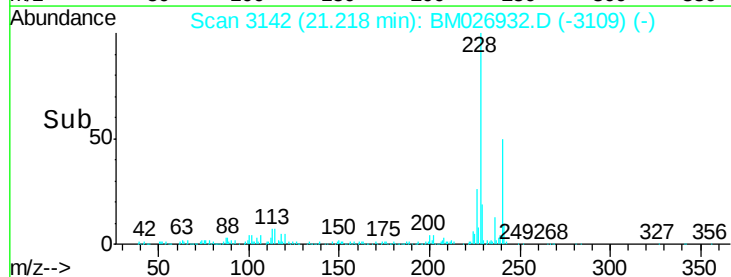
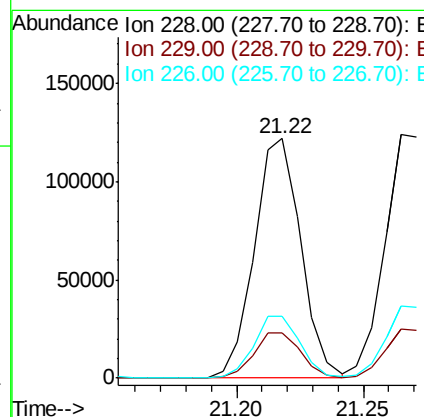
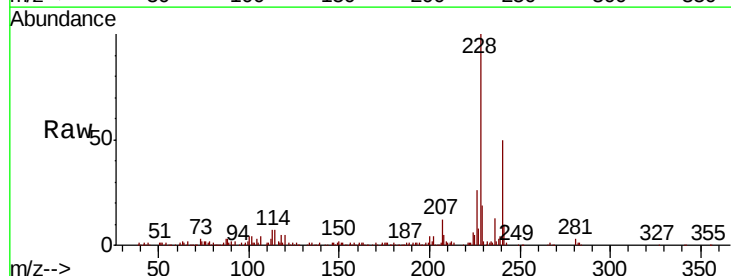
Manual Integrations  
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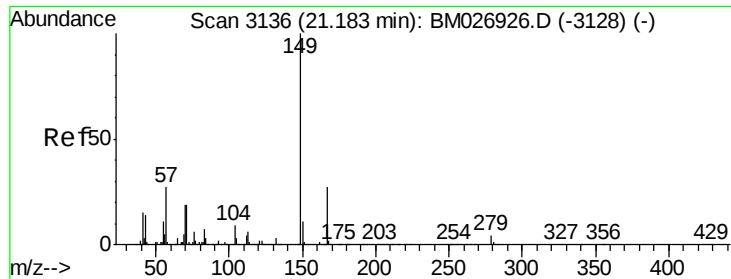
mohammad  
 7/30/2020 3:32:49 PM



#83  
 Benzo(a)anthracene  
 Concen: 7.678 ng/ul  
 RT: 21.22 min Scan# 3142  
 Delta R.T. -0.01 min  
 Lab File: BM026932.D  
 Acq: 29 Jul 2020 18:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 229     | 18.9  | 15.4  | 23.2  |
| 226     | 26.1  | 20.9  | 31.3  |





#84

Bis(2-ethylhexyl)phthalate

Concen: 6.145 ng/ul

RT: 21.18 min Scan# 3135

Delta R.T. -0.01 min

Lab File: BM026932.D

Acq: 29 Jul 2020 18:53

Instrument :

BNA\_M

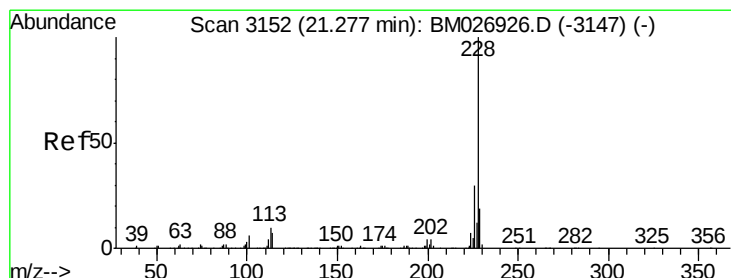
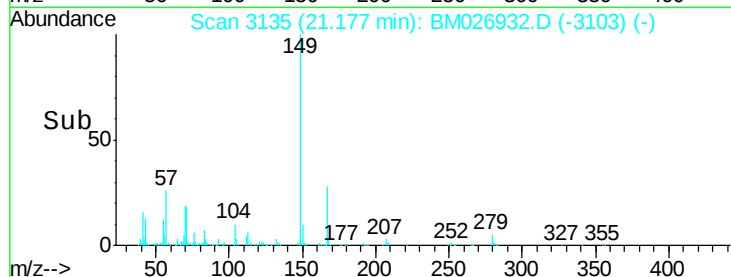
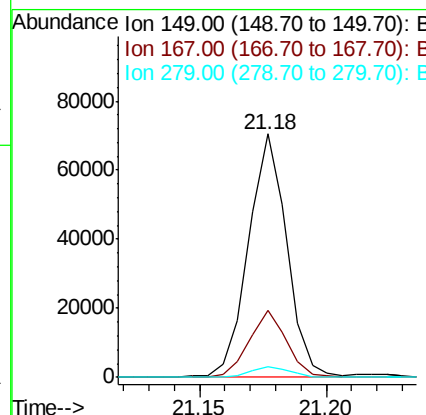
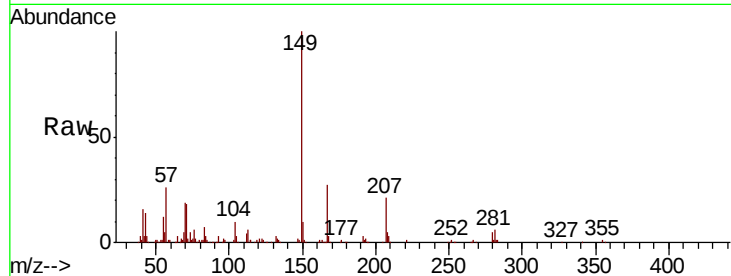
ClientSampleId :

MDL-WATER-03

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 149   | Resp: | 73624 |
| Ion Ratio | Lower | Upper |       |
| 149       | 100   |       |       |
| 167       | 27.5  | 20.6  | 31.0  |
| 279       | 4.5   | 3.0   | 4.6   |

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#85

Chrysene

Concen: 7.795 ng/ul

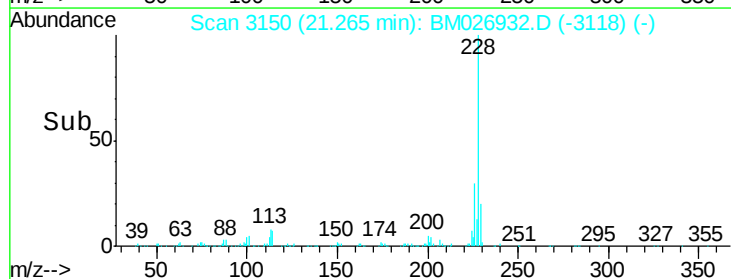
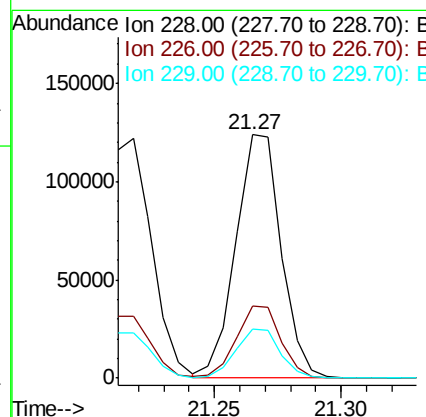
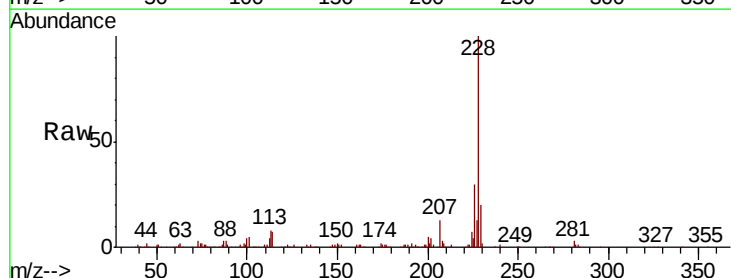
RT: 21.27 min Scan# 3150

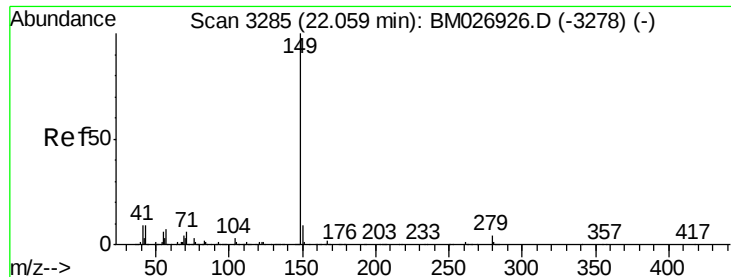
Delta R.T. -0.01 min

Lab File: BM026932.D

Acq: 29 Jul 2020 18:53

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 154769 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 29.5  | 23.2  | 34.8   |
| 229       | 20.0  | 15.5  | 23.3   |





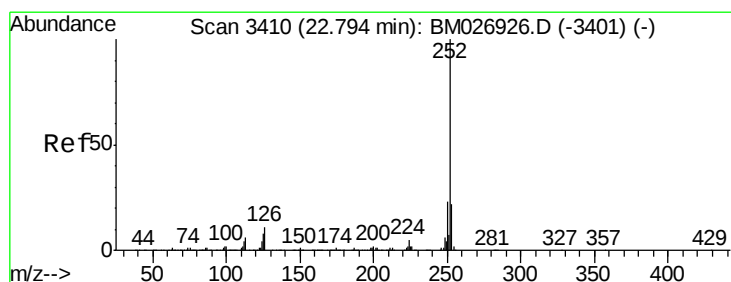
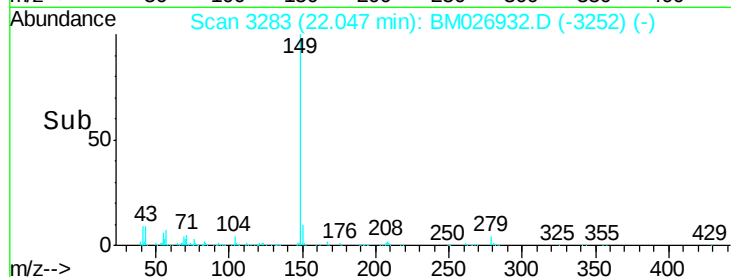
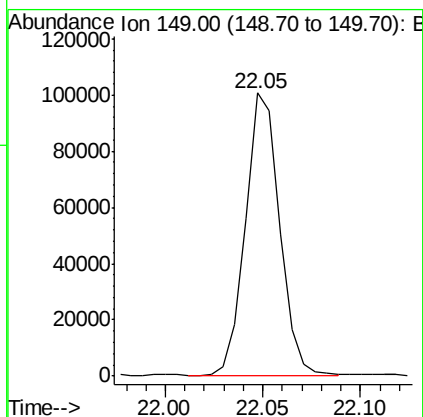
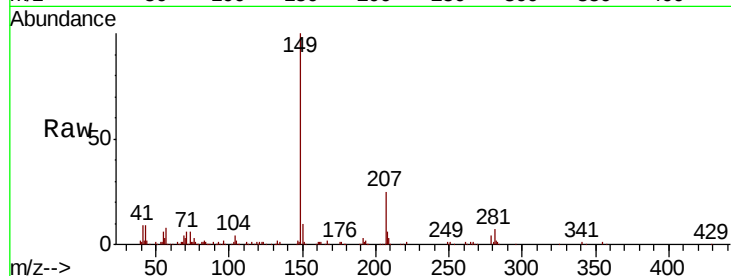
#87  
Di-n-octyl phthalate  
Concen: 5.312 ng/ul  
RT: 22.05 min Scan# 3283  
Delta R.T. -0.02 min  
Lab File: BM026932.D  
Acq: 29 Jul 2020 18:53

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03

Tgt Ion:149 Resp: 121639

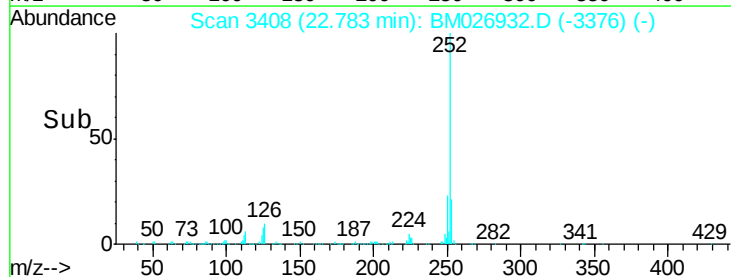
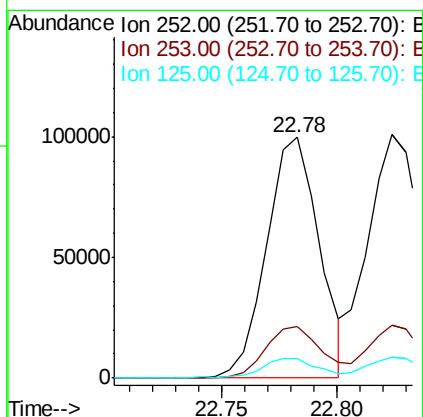
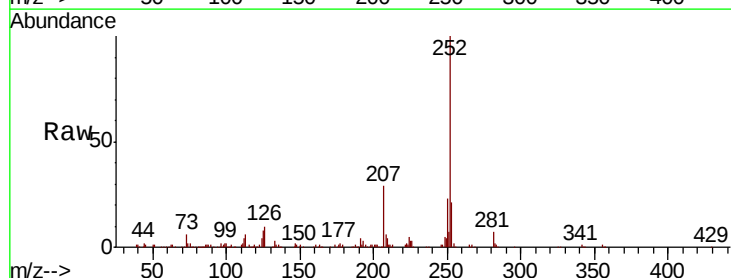
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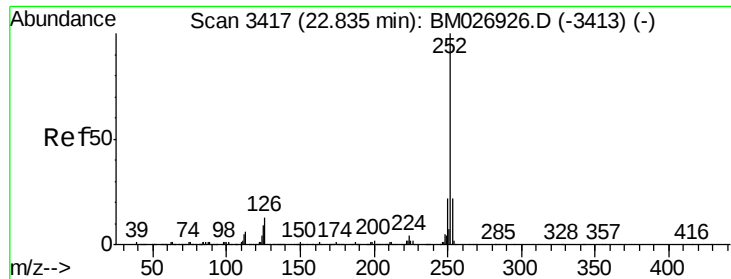
mohammad  
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#88  
Benzo(b)fluoranthene  
Concen: 7.064 ng/ul  
RT: 22.78 min Scan# 3408  
Delta R.T. -0.01 min  
Lab File: BM026932.D  
Acq: 29 Jul 2020 18:53

Tgt Ion:252 Resp: 157478  
Ion Ratio Lower Upper  
252 100  
253 21.4 17.6 26.4  
125 8.2 6.6 10.0





#89

Benzo(k)fluoranthene

Concen: 7.677 ng/ul

RT: 22.82 min Scan# 3415

Delta R.T. -0.02 min

Lab File: BM026932.D

Acq: 29 Jul 2020 18:53

Instrument :

BNA\_M

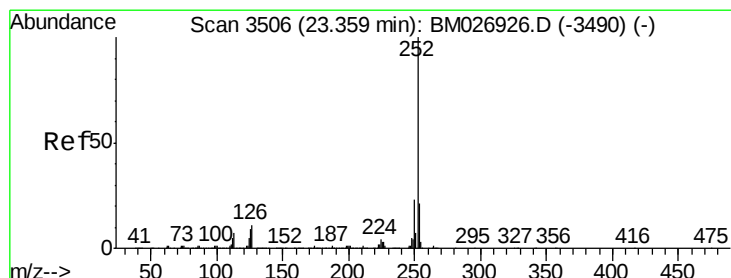
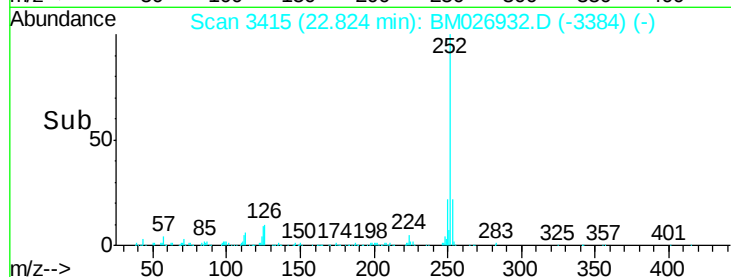
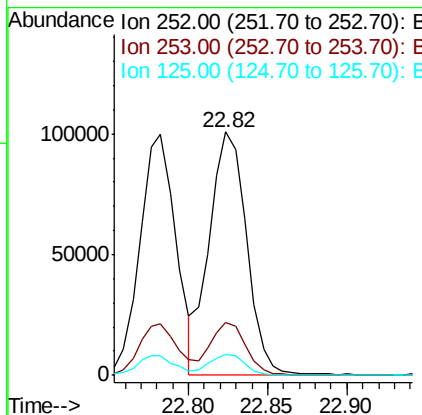
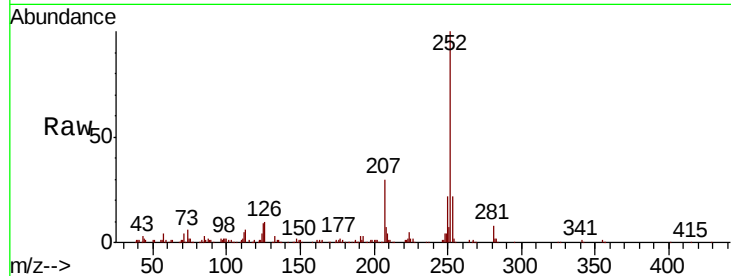
ClientSampleId :

MDL-WATER-03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 164217 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 21.9  | 17.4  | 26.2   |
| 125       | 8.5   | 7.3   | 10.9   |

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#91

Benzo(a)pyrene

Concen: 7.753 ng/ul

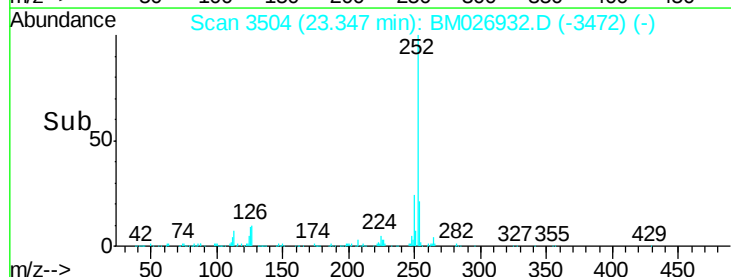
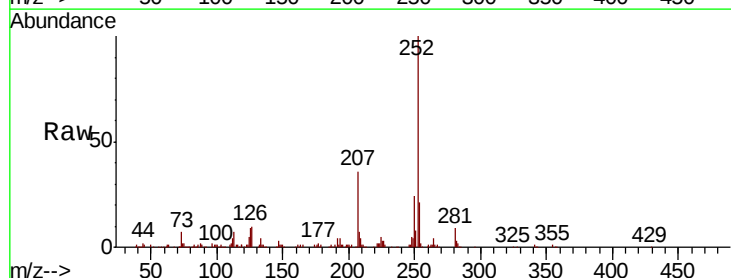
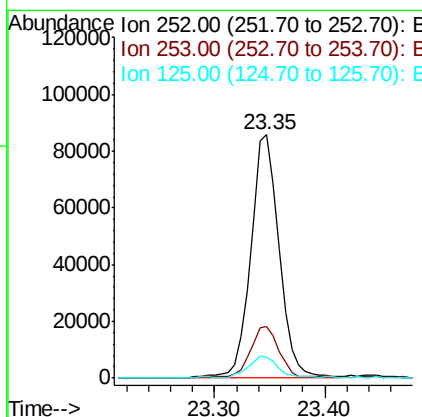
RT: 23.35 min Scan# 3504

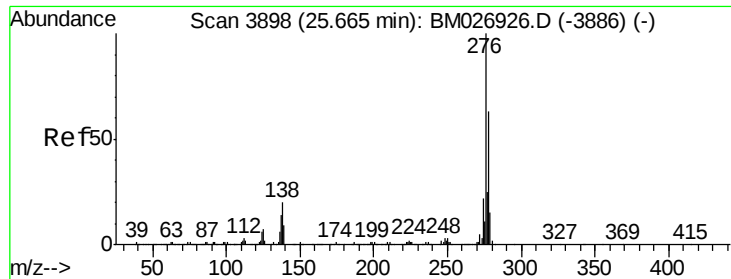
Delta R.T. -0.01 min

Lab File: BM026932.D

Acq: 29 Jul 2020 18:53

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 155966 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 21.1  | 17.7  | 26.5   |
| 125       | 8.6   | 8.2   | 12.2   |





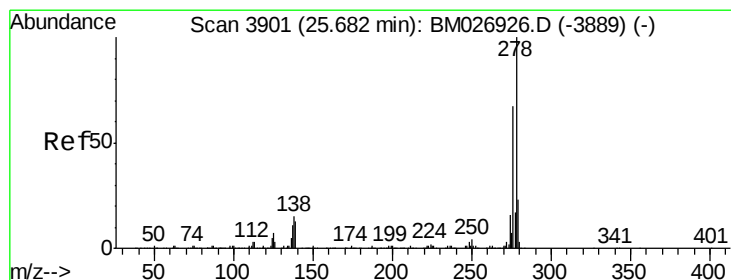
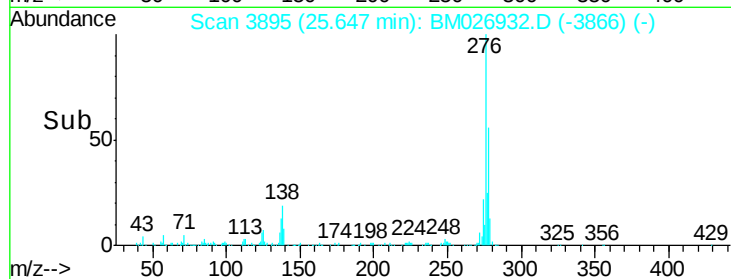
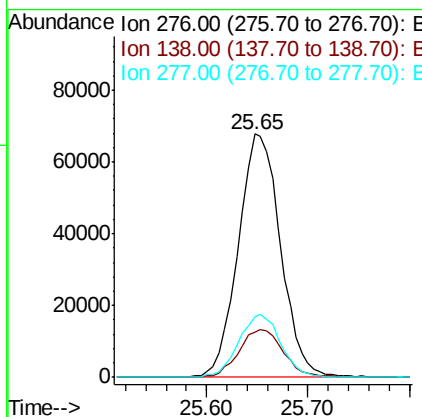
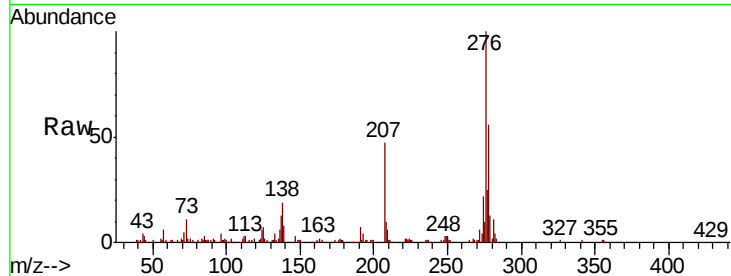
#92  
Indeno(1,2,3-cd)pyrene  
Concen: 7.850 ng/ul  
RT: 25.65 min Scan# 3895  
Delta R.T. -0.03 min  
Lab File: BM026932.D  
Acq: 29 Jul 2020 18:53

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 18.7  | 17.0  | 25.4  |
| 277     | 24.7  | 20.6  | 30.8  |

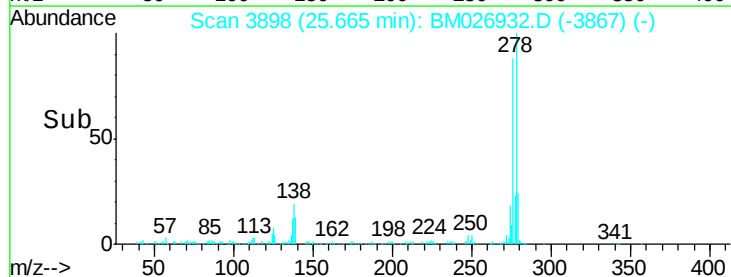
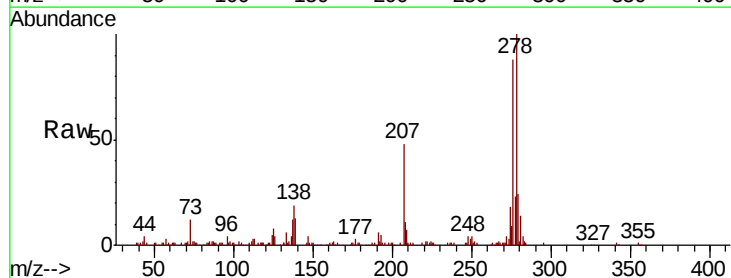
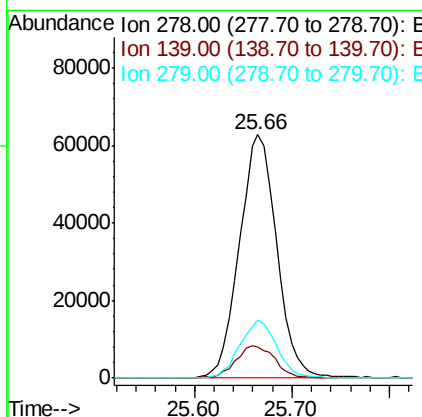
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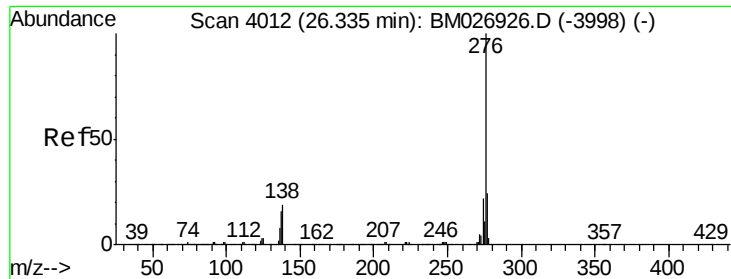
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#93  
Dibenzo(a,h)anthracene  
Concen: 7.933 ng/ul  
RT: 25.66 min Scan# 3898  
Delta R.T. -0.02 min  
Lab File: BM026932.D  
Acq: 29 Jul 2020 18:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 12.8  | 10.9  | 16.3  |
| 279     | 23.6  | 19.4  | 29.2  |





#94  
 Benzo(a,h,i)perylene  
 Concen: 7.943 ng/ul  
 RT: 26.32 min Scan# 4009  
 Delta R.T. -0.03 min  
 Lab File: BM026932.D  
 Acq: 29 Jul 2020 18:53

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-WATER-03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 276   | Resp: | 163911 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 138       | 18.1  | 14.9  | 22.3   |
| 277       | 23.8  | 19.1  | 28.7   |

Manual Integrations  
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