

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072820\  
 Data File : BM026928.D  
 Acq On : 29 Jul 2020 16:25  
 Operator : JU/CG  
 Sample : L1955-08  
 Misc : MDL-WATER-01  
 ALS Vial : 45 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleID :  
 MDL-WATER-01

Manual Integrations  
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mohammad  
 7/30/2020 3:32:38 PM

Quant Time: Jul 29 17:01:44 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM072720MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Jul 29 02:24:07 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.67  | 152  | 62712    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.44 | 136  | 233980   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.30 | 164  | 143526   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.04 | 188  | 304074   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.24 | 240  | 324564   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.45 | 264  | 334505   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.22  | 96  | 11372  | 8.27  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.84  | 99  | 168792 | 30.72 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.01  | 67  | 117608 | 31.62 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.21  | 132 | 129644 | 31.53 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.37  | 113 | 129649 | 30.67 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.81  | 128 | 58431  | 32.11 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.53  | 143 | 56612  | 33.93 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.07 | 165 | 126806 | 31.83 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.57 | 131 | 151895 | 31.98 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.71 | 166 | 366045 | 32.52 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.99 | 160 | 473752 | 33.08 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.49 | 143 | 59587  | 31.30 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.29 | 176 | 322188 | 32.91 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.41 | 200 | 39255  | 28.96 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.14 | 188 | 495088 | 32.58 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.44 | 212 | 545754 | 31.52 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.31 | 264 | 583644 | 30.92 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |        | Ovalue |           |
|--------------------------------|-------|-----|--------|--------|-----------|
| 2) 1,4-Dioxane                 | 3.25  | 88  | 8015   | 4.692  | ng/uL 95  |
| 4) Benzaldehyde                | 6.81  | 77  | 24083m | 5.381  | ng/ul     |
| 6) Phenol                      | 6.87  | 94  | 43393  | 7.381  | ng/ul# 87 |
| 8) Bis(2-Chloroethyl)ether     | 7.10  | 93  | 35803  | 7.696  | ng/ul 97  |
| 10) 2-Chlorophenol             | 7.24  | 128 | 32916  | 7.711  | ng/ul 98  |
| 11) 2-Methylphenol             | 8.11  | 108 | 30513  | 7.254  | ng/ul 100 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.20  | 45  | 29267  | 7.104  | ng/ul 96  |
| 14) Acetophenone               | 8.48  | 105 | 53476  | 7.624  | ng/ul# 94 |
| 15) N-Nitroso-di-n-propylamine | 8.47  | 70  | 31154  | 7.354  | ng/ul 99  |
| 16) 4-Methylphenol             | 8.43  | 108 | 32904  | 7.341  | ng/ul 95  |
| 17) Hexachloroethane           | 8.74  | 117 | 16390  | 8.056  | ng/ul 96  |
| 20) Nitrobenzene               | 8.85  | 77  | 50264  | 8.525  | ng/ul 95  |
| 21) Isophorone                 | 9.38  | 82  | 74372  | 7.155  | ng/ul 97  |
| 23) 2-Nitrophenol              | 9.55  | 139 | 15193  | 7.983  | ng/ul 95  |
| 24) 2,4-Dimethylphenol         | 9.62  | 107 | 38096  | 7.663  | ng/ul 99  |
| 25) Bis(2-Chloroethoxy)methane | 9.86  | 93  | 43408  | 7.496  | ng/ul 97  |
| 27) 2,4-Dichlorophenol         | 10.09 | 162 | 31227  | 8.049  | ng/ul 93  |
| 28) Naphthalene                | 10.49 | 128 | 104111 | 7.964  | ng/ul 97  |
| 30) 4-Chloroaniline            | 10.60 | 127 | 34177  | 7.135  | ng/ul 93  |
| 31) Hexachlorobutadiene        | 10.80 | 225 | 23233  | 8.480  | ng/ul 94  |
| 32) Caprolactam                | 11.36 | 113 | 7738   | 6.387  | ng/ul 94  |
| 33) 4-Chloro-3-methylphenol    | 11.72 | 107 | 31392  | 7.257  | ng/ul 90  |
| 34) 2-Methylnaphthalene        | 12.11 | 142 | 71128  | 7.697  | ng/ul 98  |

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 Sample : L1955-08  
 Misc : MDL-WATER-01  
 ALS Vial : 45 Sample Multiplier: 1

Instrument :  
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 ClientSampleID :  
 MDL-WATER-01

Manual Integrations  
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Quant Time: Jul 29 17:01:44 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM072720MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Jul 29 02:24:07 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-------|--------|----------|
| 35) 1-Methylnaphthalene        | 12.33 | 142  | 69337    | 7.679 | ng/ul  | 98       |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.48 | 216  | 38876    | 7.925 | ng/ul  | 96       |
| 38) Hexachlorocyclopentadiene  | 12.48 | 237  | 18926    | 5.690 | ng/ul# | 97       |
| 39) 2,4,6-Trichlorophenol      | 12.72 | 196  | 21541    | 7.663 | ng/ul  | 95       |
| 40) 2,4,5-Trichlorophenol      | 12.79 | 196  | 23240    | 7.737 | ng/ul  | 97       |
| 41) 1,1'-Biphenyl              | 13.13 | 154  | 94614    | 7.889 | ng/ul  | 98       |
| 42) 2-Chloronaphthalene        | 13.17 | 162  | 77088    | 7.988 | ng/ul  | 98       |
| 43) 2-Nitroaniline             | 13.37 | 65   | 23029    | 8.024 | ng/ul  | 92       |
| 45) Dimethylphthalate          | 13.76 | 163  | 93823    | 7.943 | ng/ul  | 98       |
| 46) 2,6-Dinitrotoluene         | 13.87 | 165  | 15946    | 7.658 | ng/ul  | 91       |
| 48) Acenaphthylene             | 14.02 | 152  | 113884   | 7.826 | ng/ul  | 97       |
| 49) 3-Nitroaniline             | 14.19 | 138  | 13556    | 6.660 | ng/ul  | 92       |
| 50) Acenaphthene               | 14.37 | 153  | 80623    | 8.042 | ng/ul  | 96       |
| 51) 2,4-Dinitrophenol          | 14.40 | 184  | 4708     | 5.646 | ng/ul  | 90       |
| 53) 4-Nitrophenol              | 14.50 | 109  | 17011    | 8.920 | ng/ul# | 83       |
| 54) Dibenzofuran               | 14.70 | 168  | 112652   | 8.107 | ng/ul  | 94       |
| 55) 2,4-Dinitrotoluene         | 14.65 | 165  | 22610    | 7.557 | ng/ul# | 89       |
| 56) 2,3,4,6-Tetrachlorophenol  | 14.93 | 232  | 17964    | 7.623 | ng/ul  | 99       |
| 57) Diethylphthalate           | 15.14 | 149  | 92478    | 7.808 | ng/ul  | 98       |
| 59) Fluorene                   | 15.35 | 166  | 92755    | 7.926 | ng/ul  | 98       |
| 60) 4-Chlorophenyl-phenylether | 15.35 | 204  | 47711    | 8.192 | ng/ul  | 99       |
| 61) 4-Nitroaniline             | 15.35 | 138  | 16375    | 6.564 | ng/ul  | 89       |
| 64) 4,6-Dinitro-2-methylphenol | 15.42 | 198  | 11174    | 7.254 | ng/ul# | 78       |
| 65) N-Nitrosodiphenylamine     | 15.56 | 169  | 76149    | 7.655 | ng/ul  | 98       |
| 66) 4-Bromophenyl-phenylether  | 16.24 | 248  | 28155    | 7.893 | ng/ul  | 94       |
| 67) Hexachlorobenzene          | 16.36 | 284  | 32584    | 8.055 | ng/ul  | 98       |
| 68) Atrazine                   | 16.51 | 200  | 26809    | 7.342 | ng/ul  | 96       |
| 69) Pentachlorophenol          | 16.69 | 266  | 14186    | 7.047 | ng/ul  | 95       |
| 70) Phenanthrene               | 17.08 | 178  | 145022   | 7.857 | ng/ul  | 100      |
| 72) Anthracene                 | 17.18 | 178  | 146541   | 7.724 | ng/ul  | 97       |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.10 | 216  | 37594    | 7.870 | ng/uL  | 97       |
| 74) Pentachlorobenzene         | 14.62 | 250  | 36742    | 7.933 | ng/uL  | 96       |
| 75) Carbazole                  | 17.44 | 167  | 125872   | 7.506 | ng/ul  | 99       |
| 76) Di-n-butylphthalate        | 18.03 | 149  | 141615   | 7.178 | ng/ul  | 99       |
| 77) Fluoranthene               | 19.11 | 202  | 165267   | 7.583 | ng/ul  | 98       |
| 80) Pvrene                     | 19.47 | 202  | 178232   | 7.548 | ng/ul  | 97       |
| 81) Butylbenzylphthalate       | 20.39 | 149  | 56602    | 6.446 | ng/ul  | 100      |
| 82) 3,3'-Dichlorobenzidine     | 21.16 | 252  | 39896    | 5.199 | ng/ul# | 97       |
| 83) Benzo(a)anthracene         | 21.22 | 228  | 175974   | 7.866 | ng/ul  | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.18 | 149  | 88765    | 6.743 | ng/ul  | 99       |
| 85) Chrysene                   | 21.27 | 228  | 172671   | 7.915 | ng/ul  | 98       |
| 87) Di-n-octyl phthalate       | 22.06 | 149  | 145885   | 5.936 | ng/ul  | 100      |
| 88) Benzo(b)fluoranthene       | 22.79 | 252  | 181822   | 7.598 | ng/ul  | 98       |
| 89) Benzo(k)fluoranthene       | 22.83 | 252  | 175409   | 7.639 | ng/ul  | 98       |
| 91) Benzo(a)pyrene             | 23.35 | 252  | 167106   | 7.739 | ng/ul  | 99       |
| 92) Indeno(1,2,3-cd)pyrene     | 25.66 | 276  | 209558   | 7.823 | ng/ul  | 97       |
| 93) Dibenzo(a,h)anthracene     | 25.68 | 278  | 178298   | 7.870 | ng/ul  | 98       |
| 94) Benzo(a,h,i)perylene       | 26.33 | 276  | 175006   | 7.901 | ng/ul  | 98       |

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Sample : L1955-08  
Misc : MDL-WATER-01  
ALS Vial : 45 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-01

Manual Integrations  
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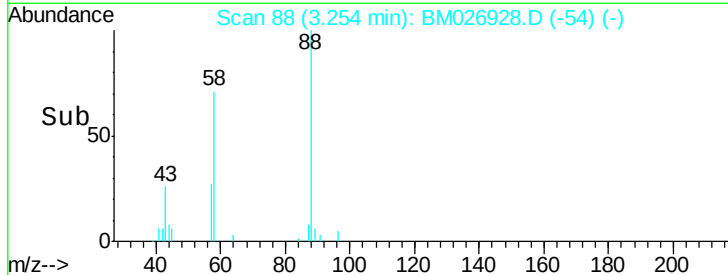
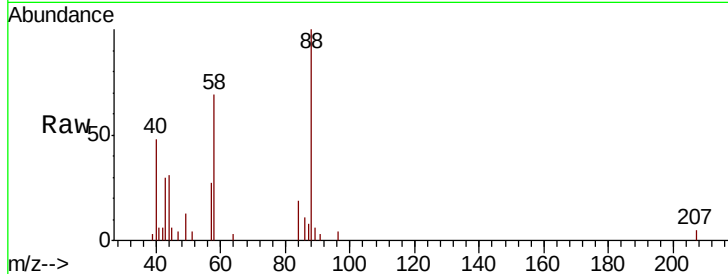
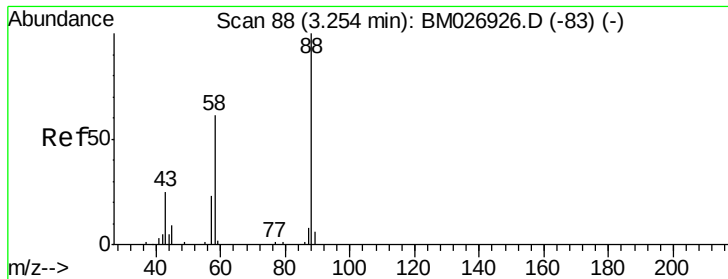
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7/30/2020 3:32:38 PM

Quant Time: Jul 29 17:01:44 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM072720MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Jul 29 02:24:07 2020  
Response via : Initial Calibration

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

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





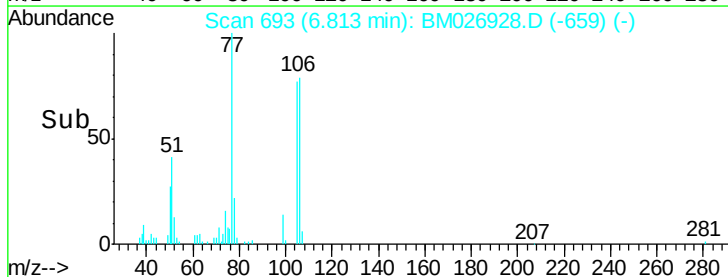
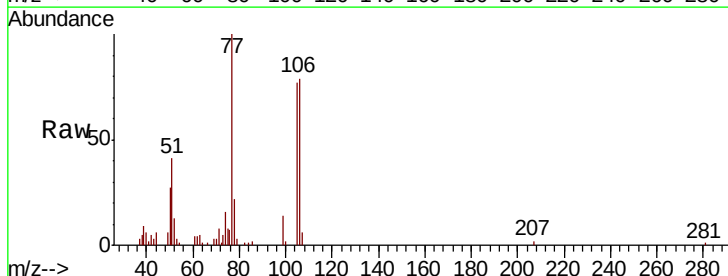
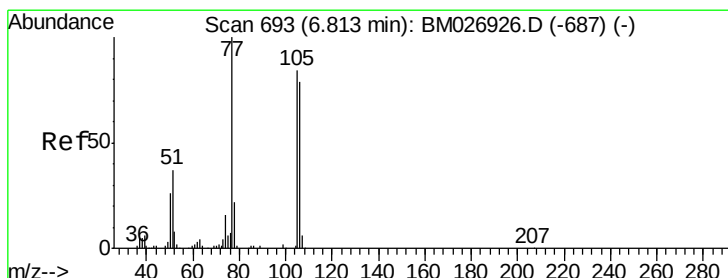
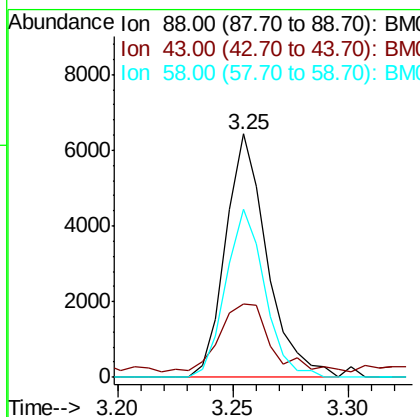
#2  
1,4-Dioxane  
Concen: 4.692 ng/uL  
RT: 3.25 min Scan# 88  
Delta R.T. -0.00 min  
Lab File: BM026928.D  
Acq: 29 Jul 2020 16:25

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 88    | Resp: | 8015  |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 30.0  | 24.7  | 37.1  |
| 58       | 68.9  | 50.8  | 76.2  |

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-01

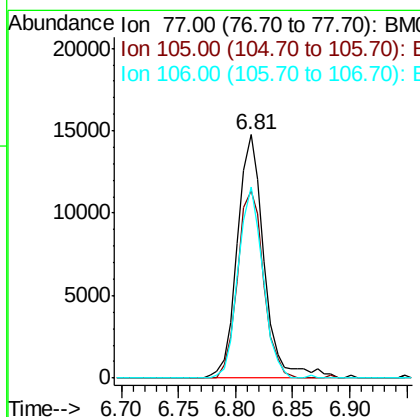
Manual Integrations  
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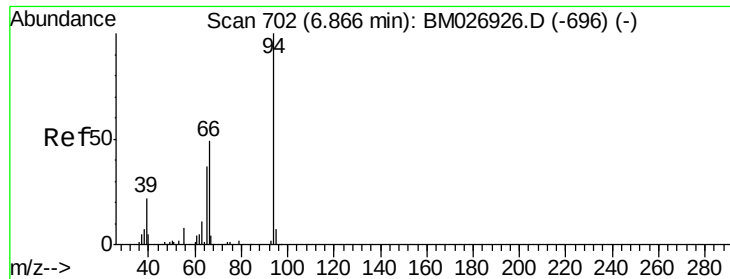
mohammad  
7/30/2020 3:32:38 PM



#4  
Benzaldehyde  
Concen: 5.381 ng/uL m  
RT: 6.81 min Scan# 693  
Delta R.T. -0.00 min  
Lab File: BM026928.D  
Acq: 29 Jul 2020 16:25

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 77    | Resp: | 24083 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 76.9  | 64.9  | 97.3  |
| 106      | 78.6  | 62.5  | 93.7  |





#6

Phenol

Concen: 7.381 ng/ul

RT: 6.87 min Scan# 702

Delta R.T. -0.01 min

Lab File: BM026928.D

Acq: 29 Jul 2020 16:25

Instrument :

BNA\_M

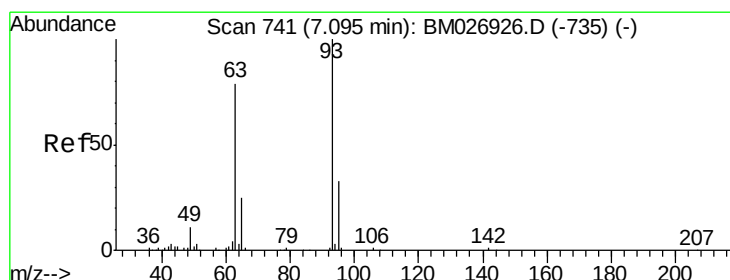
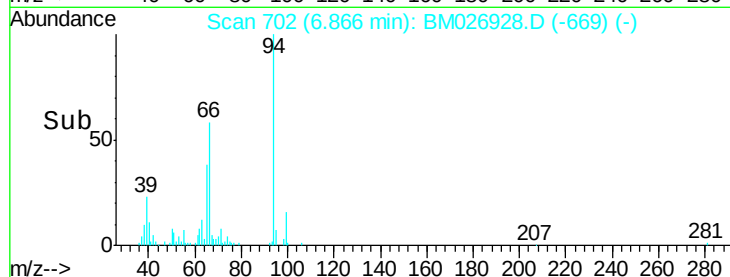
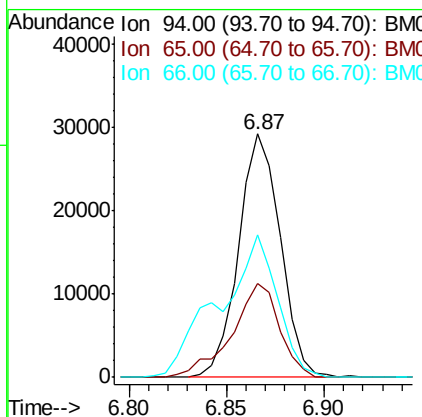
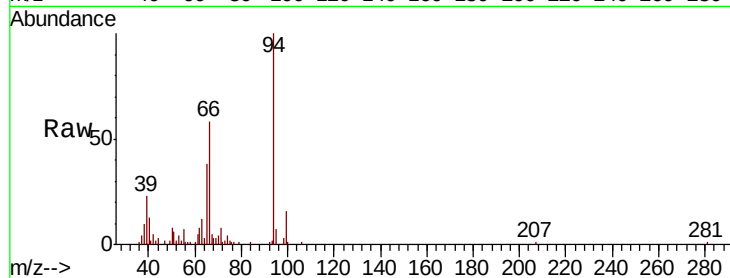
ClientSampleId :

MDL-WATER-01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 94    | Resp: | 43393 |
| Ion      | Ratio | Lower | Upper |
| 94       | 100   |       |       |
| 65       | 38.4  | 26.2  | 39.4  |
| 66       | 58.3  | 38.2  | 57.2# |

Manual Integrations  
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#8

Bis(2-Chloroethyl)ether

Concen: 7.696 ng/ul

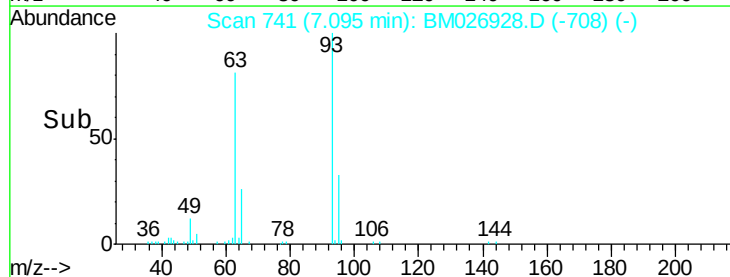
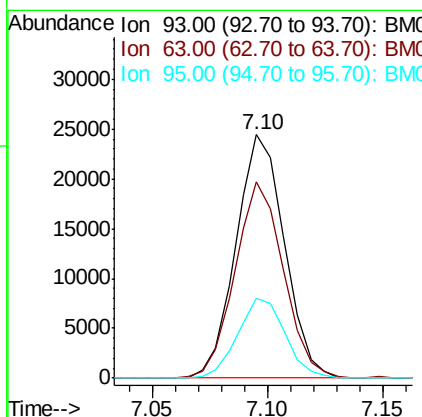
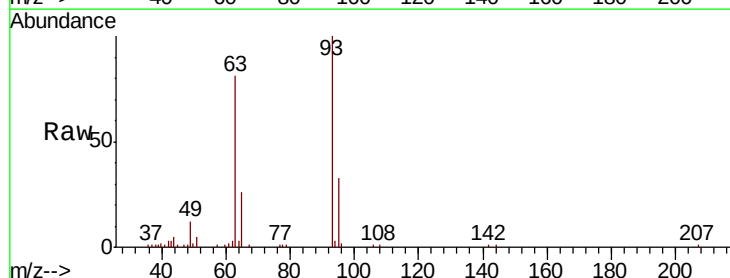
RT: 7.10 min Scan# 741

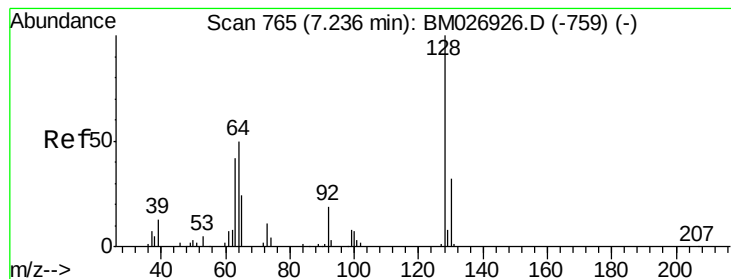
Delta R.T. -0.01 min

Lab File: BM026928.D

Acq: 29 Jul 2020 16:25

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 35803 |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 80.8  | 62.9  | 94.3  |
| 95       | 32.7  | 24.6  | 37.0  |





#10

2-Chlorophenol

Concen: 7.711 ng/ul

RT: 7.24 min Scan# 765

Delta R.T. -0.01 min

Lab File: BM026928.D

Acq: 29 Jul 2020 16:25

Instrument :

BNA\_M

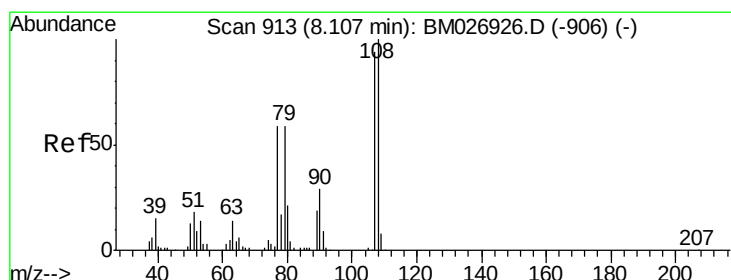
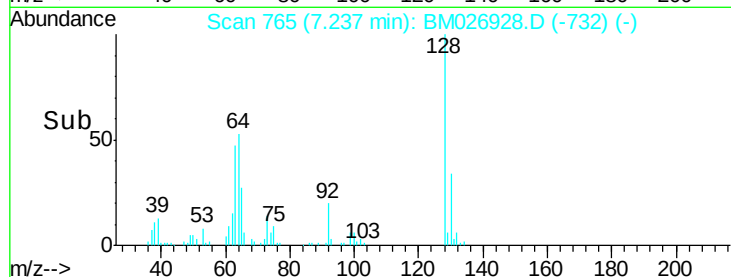
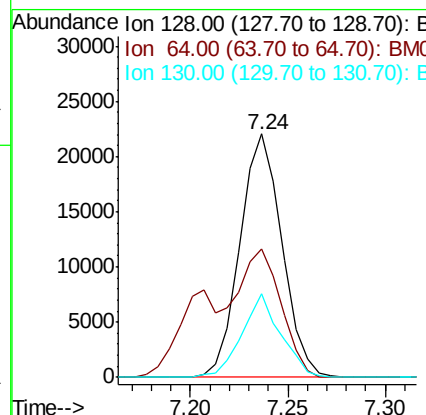
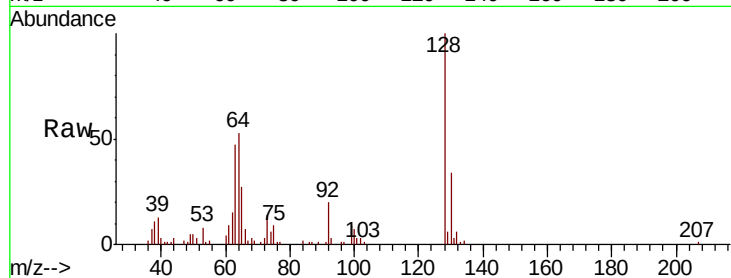
ClientSampleId :

MDL-WATER-01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 128   | Resp: | 32916 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 64       | 52.9  | 43.4  | 65.2  |
| 130      | 34.4  | 26.3  | 39.5  |

Manual Integrations  
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7/30/2020 3:32:38 PM



#11

2-Methylphenol

Concen: 7.254 ng/ul

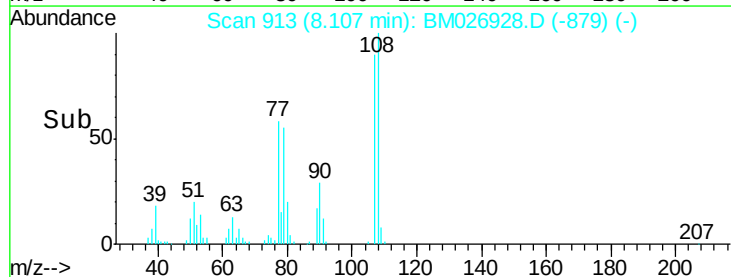
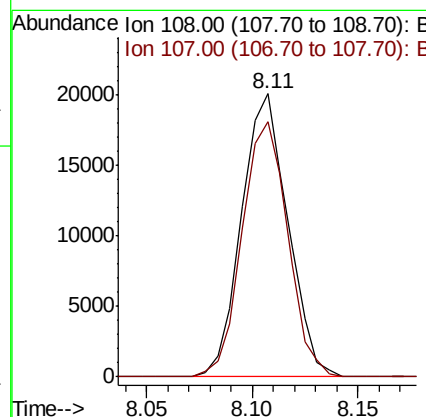
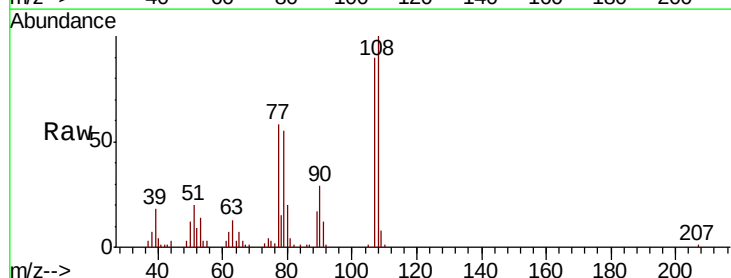
RT: 8.11 min Scan# 913

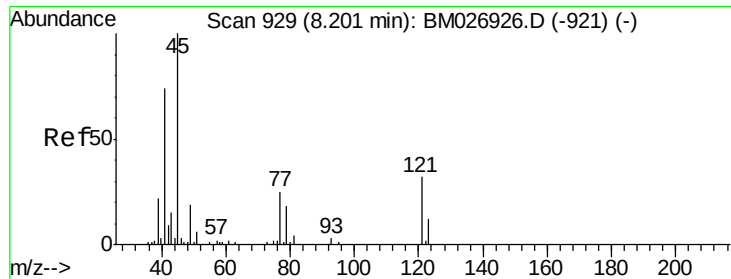
Delta R.T. -0.00 min

Lab File: BM026928.D

Acq: 29 Jul 2020 16:25

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 108   | Resp: | 30513 |
| Ion      | Ratio | Lower | Upper |
| 108      | 100   |       |       |
| 107      | 90.2  | 72.5  | 108.7 |





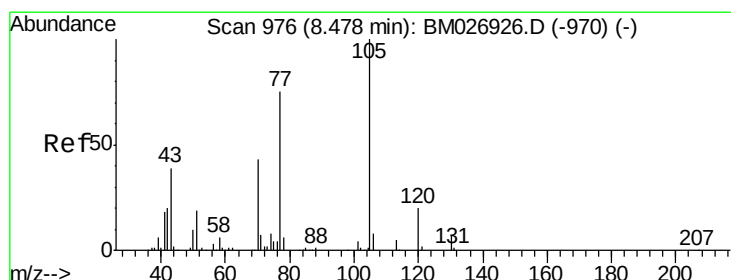
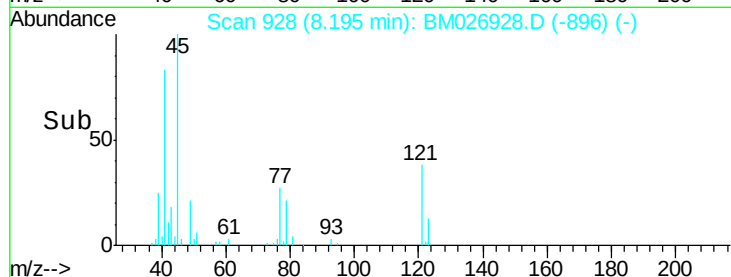
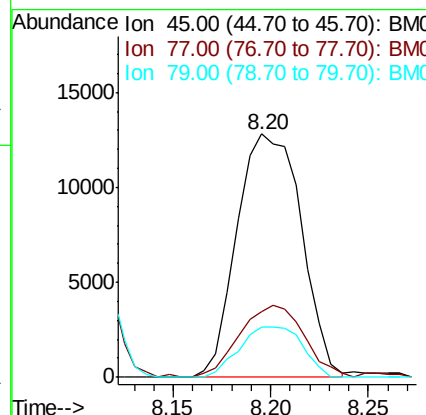
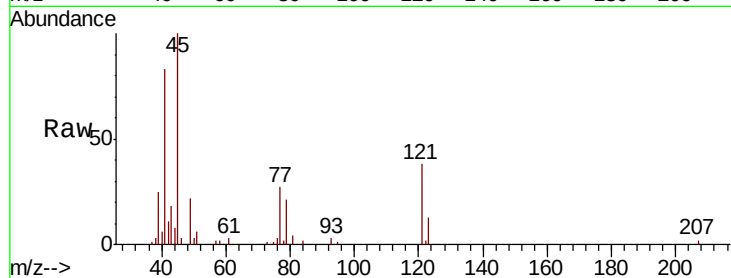
#12  
2,2'-oxvbis(1-Chloropropane)  
Concen: 7.104 ng/ul  
RT: 8.20 min Scan# 928  
Delta R.T. -0.01 min  
Lab File: BM026928.D  
Acq: 29 Jul 2020 16:25

Instrument :  
BNA\_M  
ClientSampled :  
MDL-WATER-01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 26.8  | 19.7  | 29.5  |
| 79      | 20.6  | 14.9  | 22.3  |

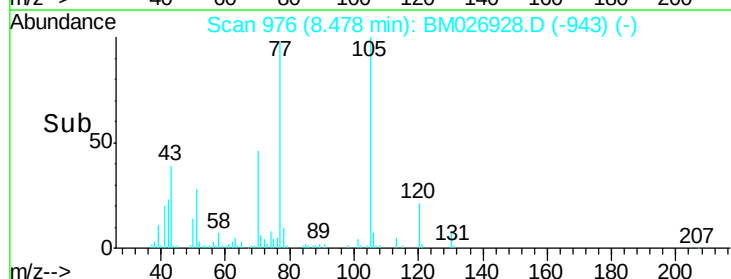
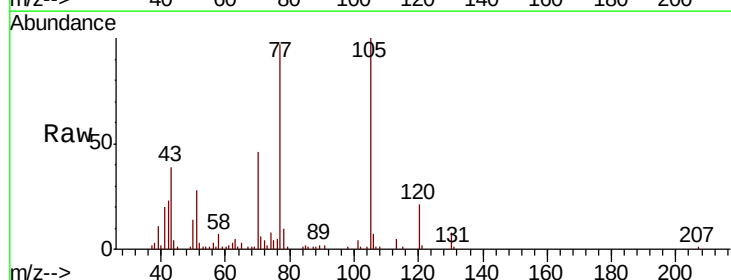
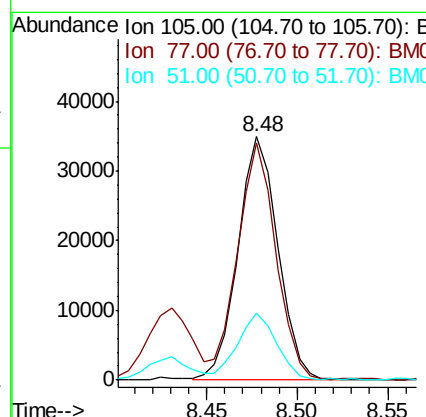
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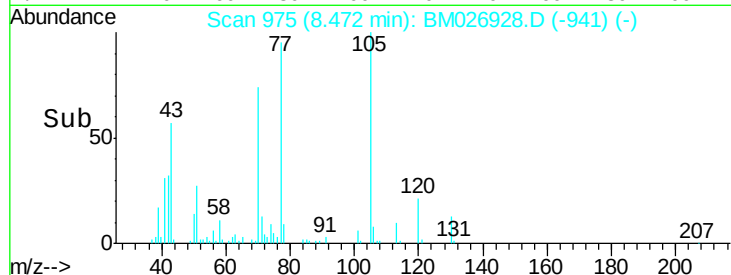
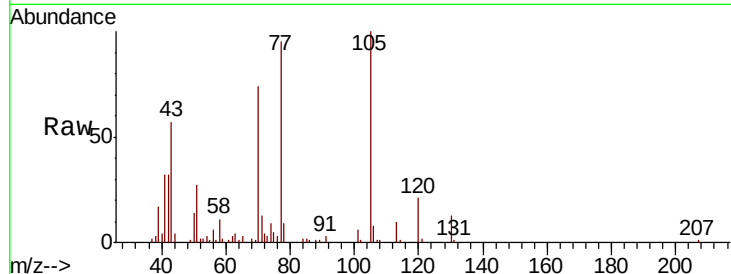
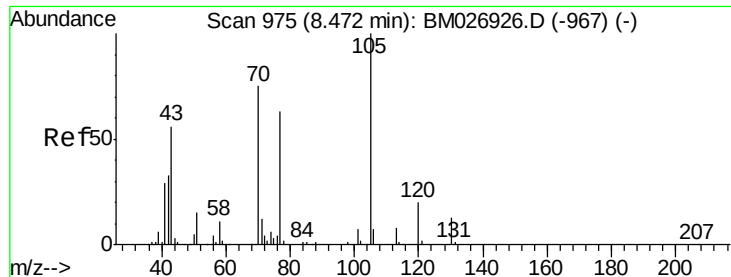


#14  
Acetophenone  
Concen: 7.624 ng/ul  
RT: 8.48 min Scan# 976  
Delta R.T. -0.01 min  
Lab File: BM026928.D  
Acq: 29 Jul 2020 16:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 77      | 97.3  | 74.0  | 111.0 |
| 51      | 27.6  | 17.3  | 25.9  |







#15

N-Nitroso-di-n-propylamine

Concen: 7.354 ng/ul

RT: 8.47 min Scan# 975

Delta R.T. -0.00 min

Lab File: BM026928.D

Acq: 29 Jul 2020 16:25

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 43.1 | 34.2  | 51.4  |       |
| 101     | 8.1  | 6.4   | 9.6   |       |
| 130     | 17.2 | 13.2  | 19.8  |       |

Instrument :

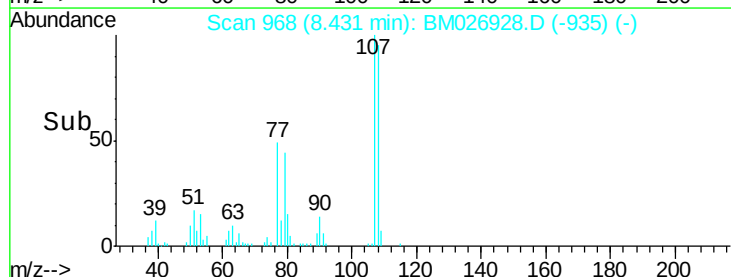
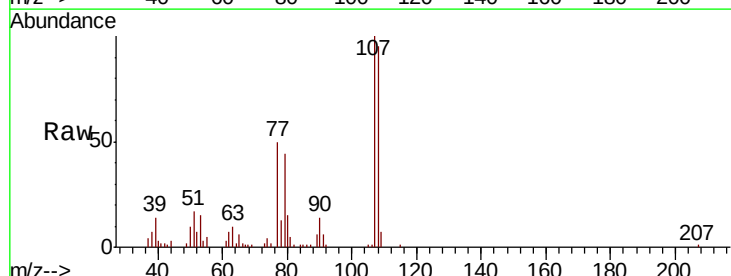
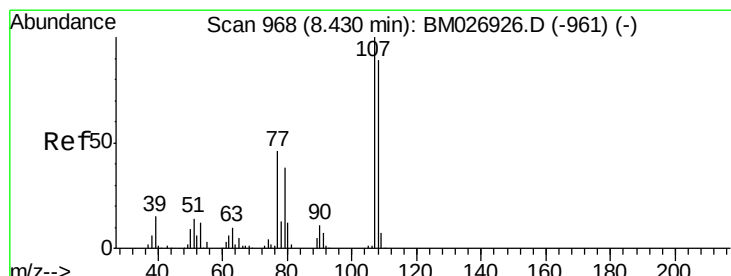
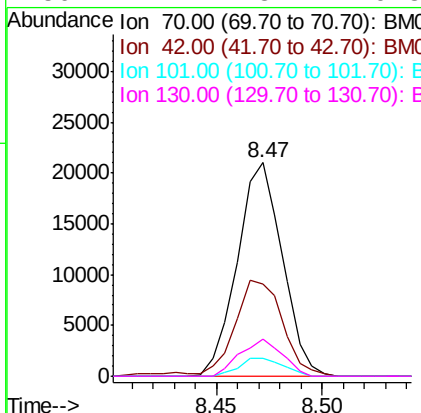
BNA\_M

ClientSampleId :

MDL-WATER-01

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#16

4-Methylphenol

Concen: 7.341 ng/ul

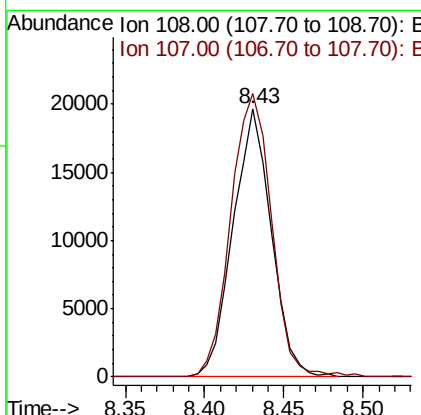
RT: 8.43 min Scan# 968

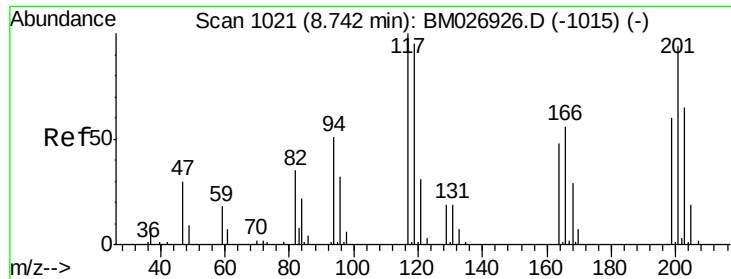
Delta R.T. -0.01 min

Lab File: BM026928.D

Acq: 29 Jul 2020 16:25

| Tgt Ion | Ion   | Ratio | Lower | Upper |
|---------|-------|-------|-------|-------|
| 108     | 100   |       |       |       |
| 107     | 105.6 | 88.8  | 133.2 |       |





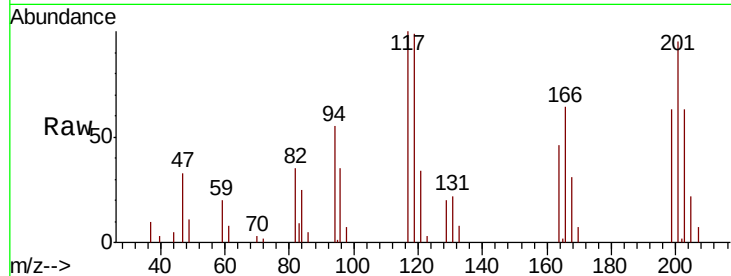
#17  
Hexachloroethane  
Concen: 8.056 ng/ul  
RT: 8.74 min Scan# 1021  
Delta R.T. -0.01 min  
Lab File: BM026928.D  
Acq: 29 Jul 2020 16:25

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 95.2  | 80.8  | 121.2 |
| 199     | 63.2  | 50.3  | 75.5  |

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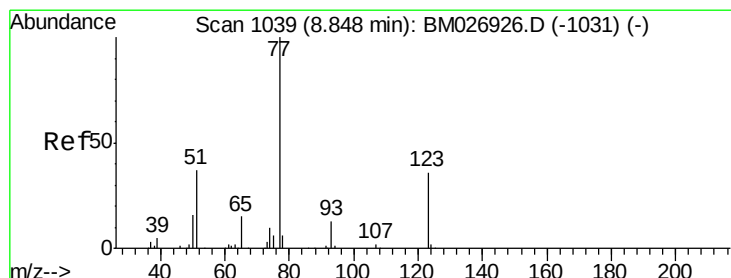
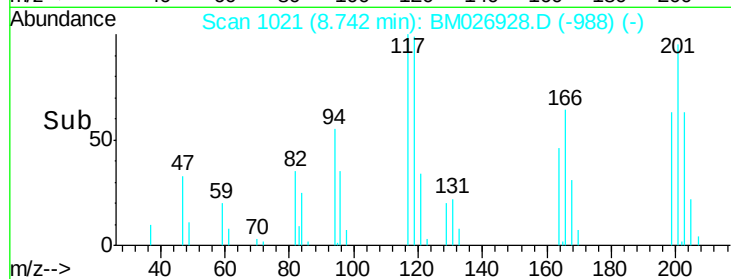
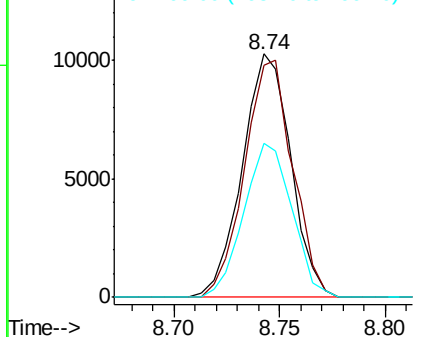


Abundance

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: 8.525 ng/ul  
RT: 8.85 min Scan# 1039  
Delta R.T. -0.01 min  
Lab File: BM026928.D  
Acq: 29 Jul 2020 16:25

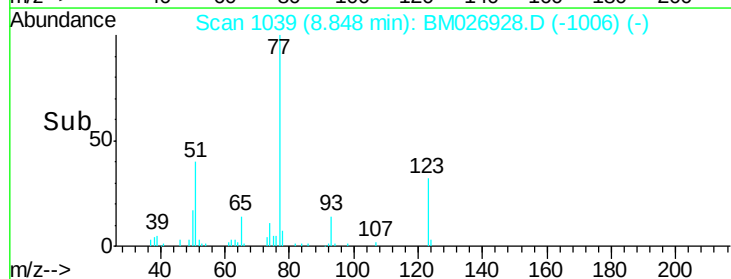
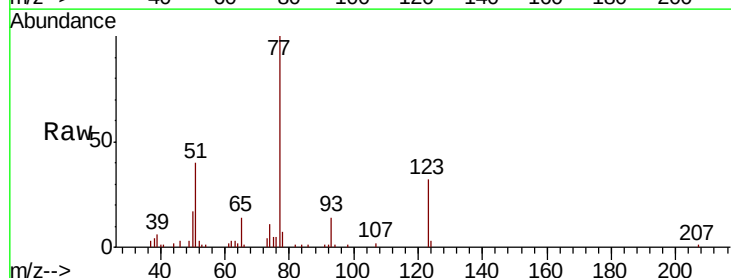
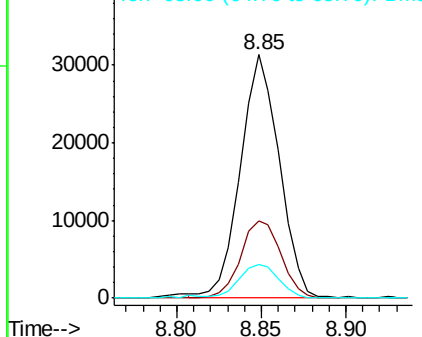
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 31.7  | 28.3  | 42.5  |
| 65      | 13.9  | 11.0  | 16.6  |

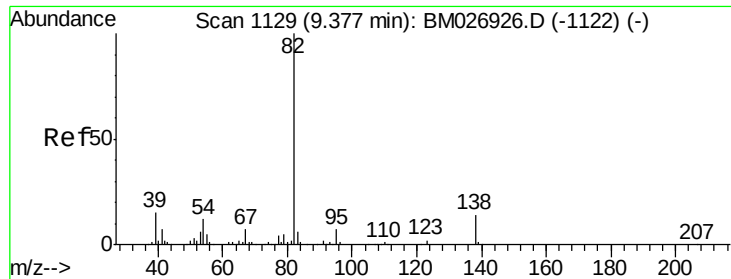
Abundance

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: 7.155 ng/ul

RT: 9.38 min Scan# 1129

Delta R.T. -0.01 min

Lab File: BM026928.D

Acq: 29 Jul 2020 16:25

Instrument :

BNA\_M

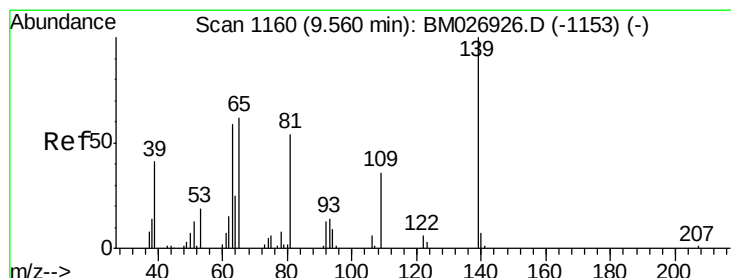
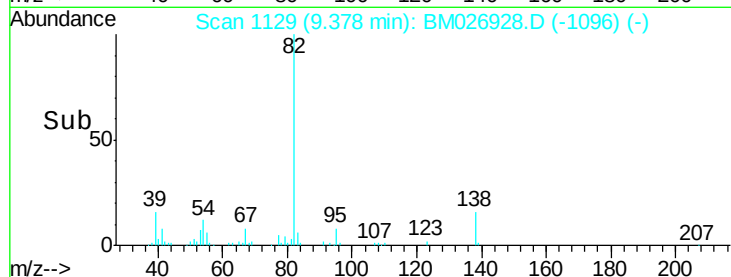
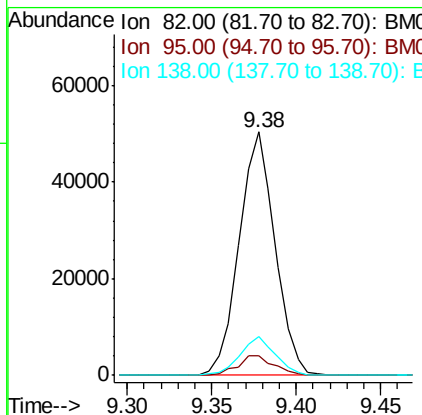
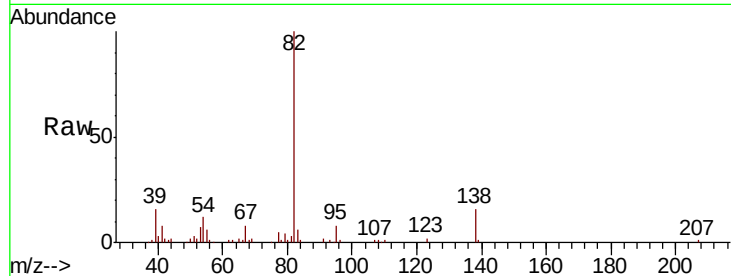
ClientSampleId :

MDL-WATER-01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 82    | Resp: | 74372 |
| Ion Ratio | Lower | Upper |       |
| 82        | 100   |       |       |
| 95        | 7.9   | 6.0   | 9.0   |
| 138       | 15.9  | 11.5  | 17.3  |

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#23

2-Nitrophenol

Concen: 7.983 ng/ul

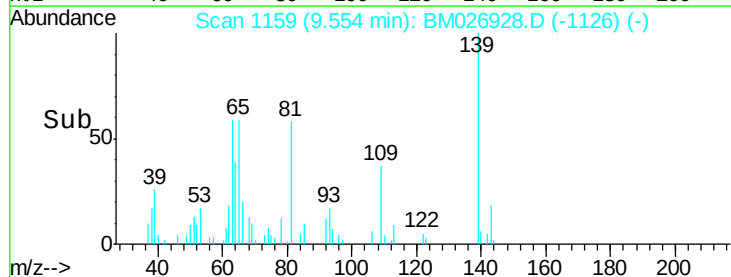
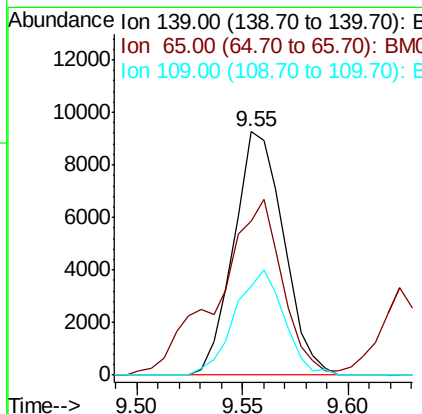
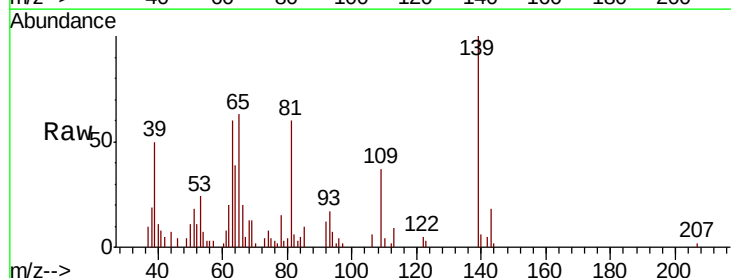
RT: 9.55 min Scan# 1159

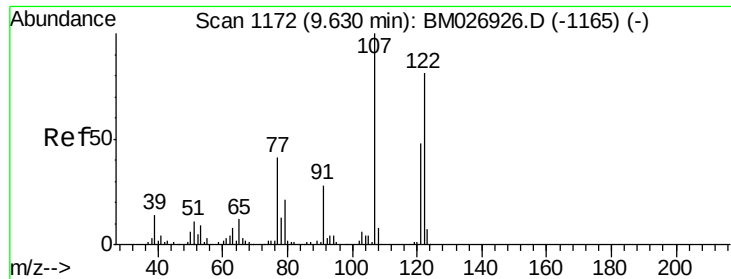
Delta R.T. -0.01 min

Lab File: BM026928.D

Acq: 29 Jul 2020 16:25

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 15193 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 65        | 63.3  | 53.3  | 79.9  |
| 109       | 36.5  | 32.6  | 49.0  |





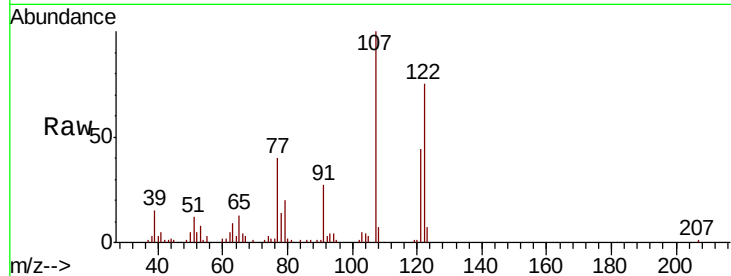
#24  
 2,4-Dimethylphenol  
 Concen: 7.663 ng/ul  
 RT: 9.62 min Scan# 1171  
 Delta R.T. -0.01 min  
 Lab File: BM026928.D  
 Acq: 29 Jul 2020 16:25

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-WATER-01

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 121     | 43.7  | 35.5 | 53.3  |       |
| 122     | 75.4  | 61.0 | 91.4  |       |

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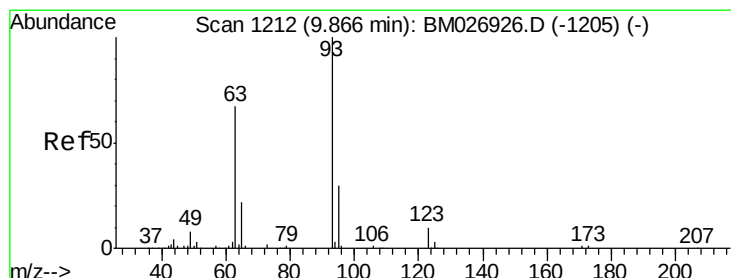
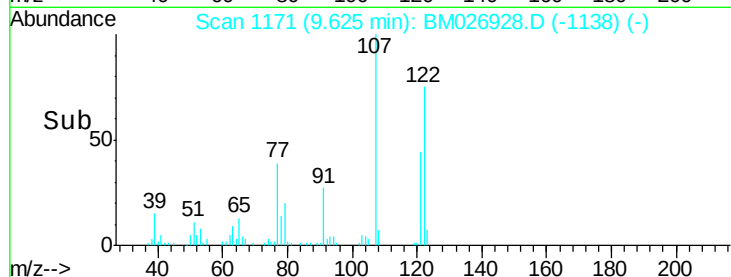
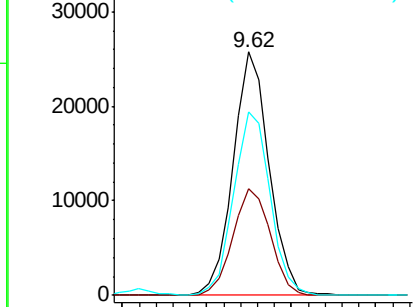


Abundance

Ion 107.00 (106.70 to 107.70): E

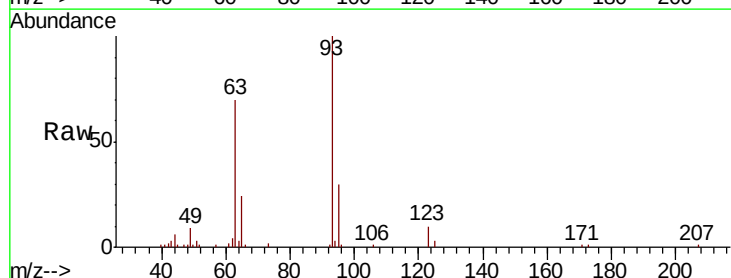
Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#25  
 Bis(2-Chloroethoxy)methane  
 Concen: 7.496 ng/ul  
 RT: 9.86 min Scan# 1211  
 Delta R.T. -0.01 min  
 Lab File: BM026928.D  
 Acq: 29 Jul 2020 16:25

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 93      | 100   |      |       |       |
| 95      | 30.0  | 25.7 | 38.5  |       |
| 123     | 10.3  | 7.8  | 11.8  |       |

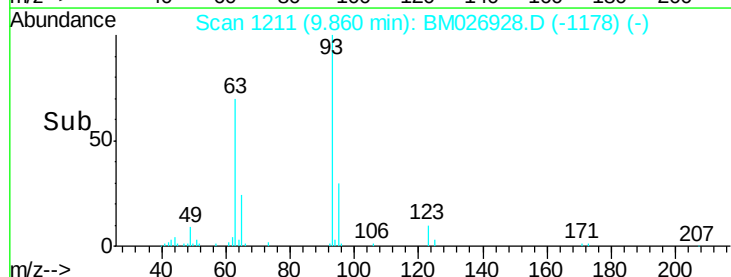
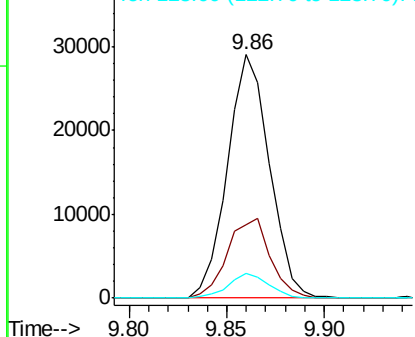


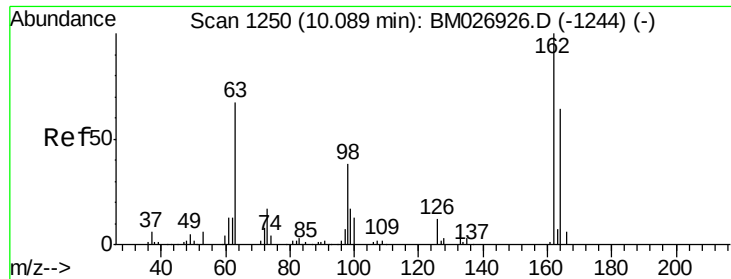
Abundance

Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





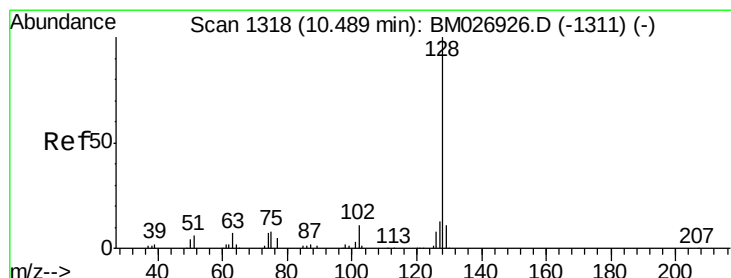
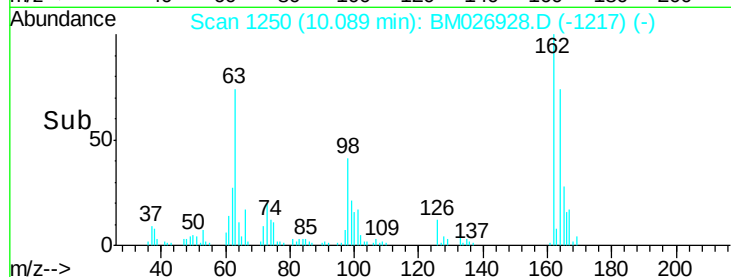
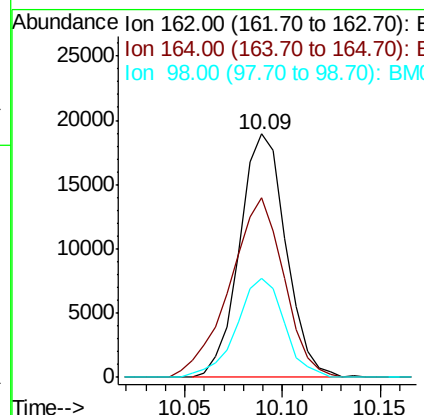
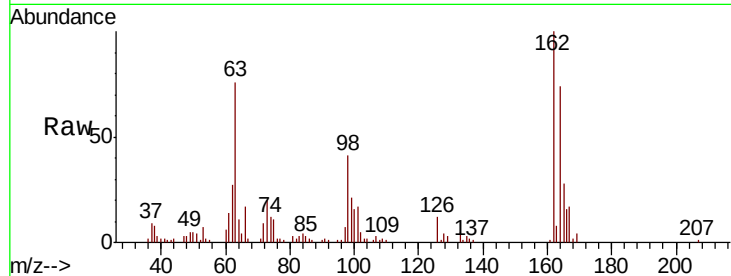
#27  
 2,4-Dichlorophenol  
 Concen: 8.049 ng/ul  
 RT: 10.09 min Scan# 1250  
 Delta R.T. -0.01 min  
 Lab File: BM026928.D  
 Acq: 29 Jul 2020 16:25

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-WATER-01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 162   | Resp: | 31227 |
| Ion      | Ratio | Lower | Upper |
| 162      | 100   |       |       |
| 164      | 73.5  | 52.4  | 78.6  |
| 98       | 40.6  | 32.2  | 48.2  |

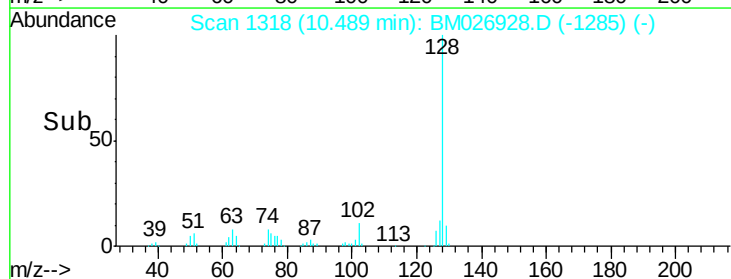
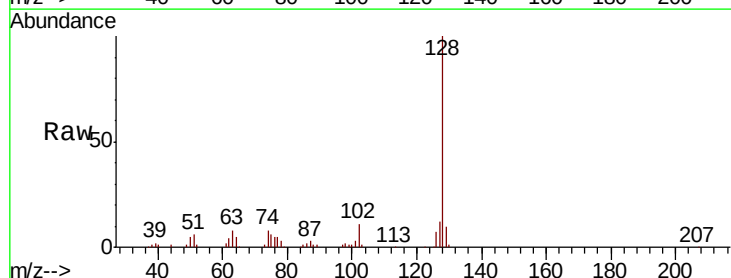
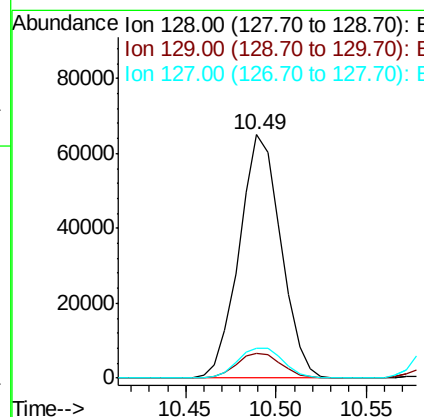
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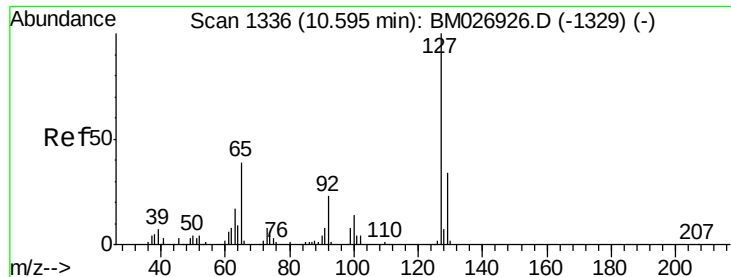
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#28  
 Naphthalene  
 Concen: 7.964 ng/ul  
 RT: 10.49 min Scan# 1318  
 Delta R.T. -0.01 min  
 Lab File: BM026928.D  
 Acq: 29 Jul 2020 16:25

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 104111 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 129      | 10.0  | 8.3   | 12.5   |
| 127      | 12.1  | 11.0  | 16.6   |





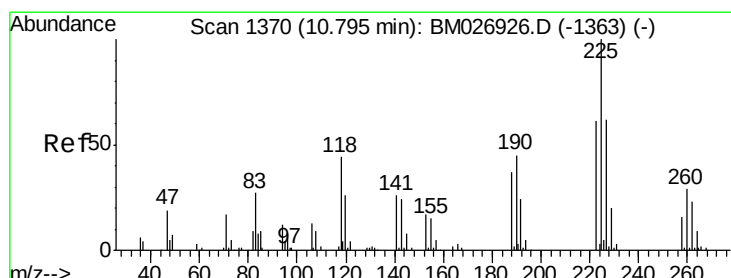
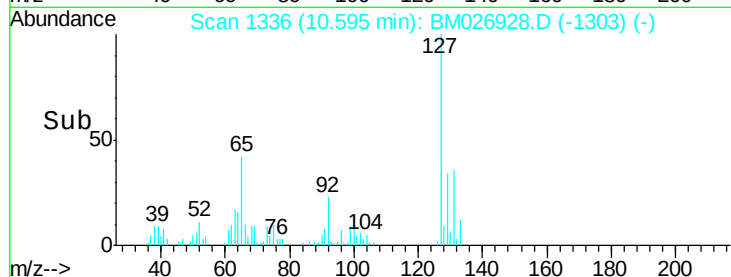
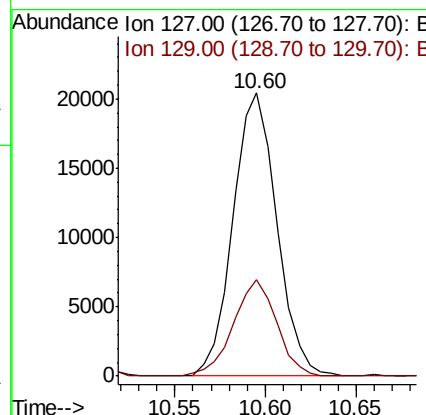
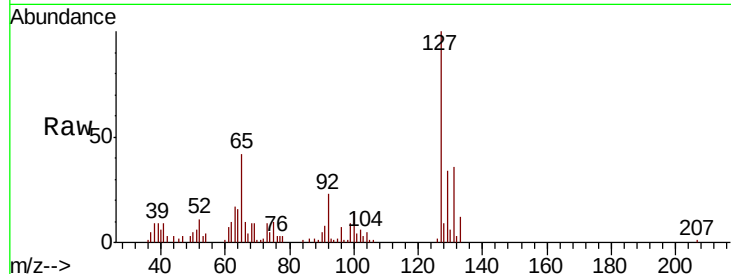
#30  
4-Chloroaniline  
Concen: 7.135 ng/ul  
RT: 10.60 min Scan# 1336  
Delta R.T. -0.01 min  
Lab File: BM026928.D  
Acq: 29 Jul 2020 16:25

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 34.3  | 24.3  | 36.5  |

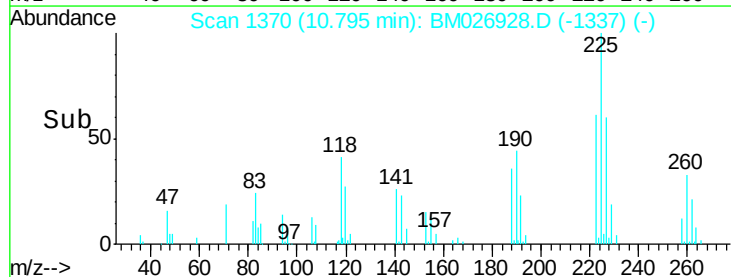
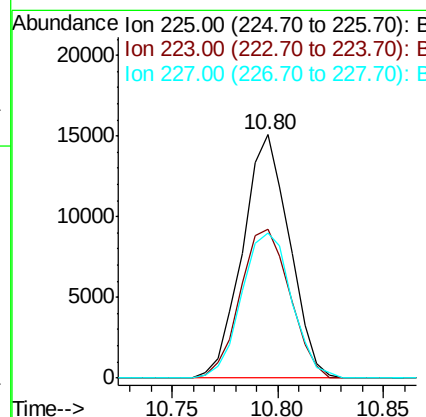
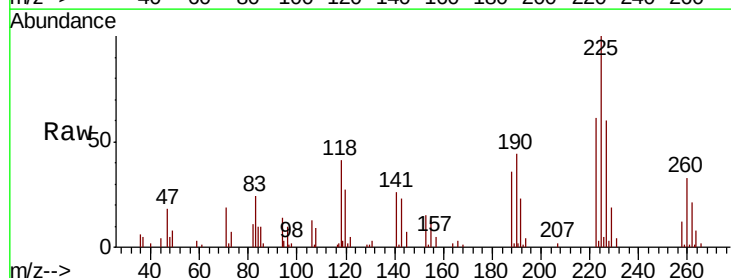
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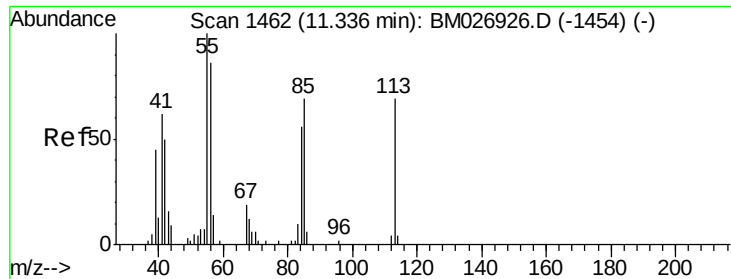
mohammad  
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#31  
Hexachlorobutadiene  
Concen: 8.480 ng/ul  
RT: 10.80 min Scan# 1370  
Delta R.T. -0.01 min  
Lab File: BM026928.D  
Acq: 29 Jul 2020 16:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 61.1  | 51.4  | 77.0  |
| 227     | 59.7  | 53.1  | 79.7  |





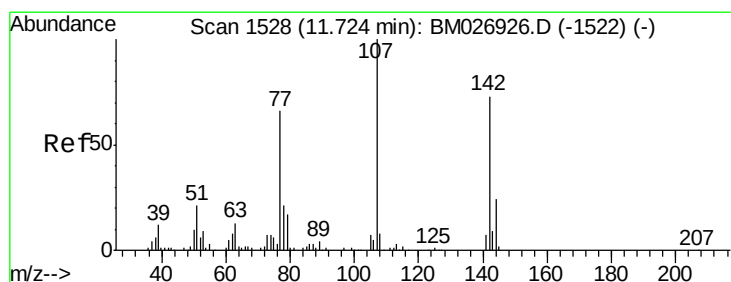
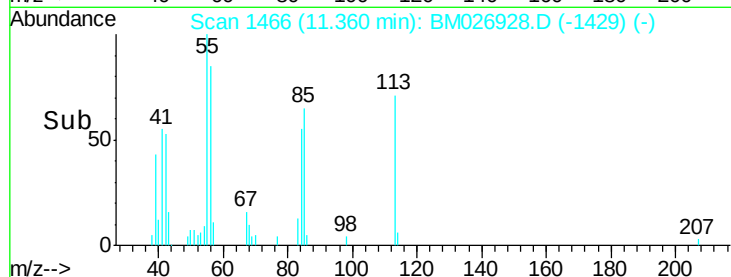
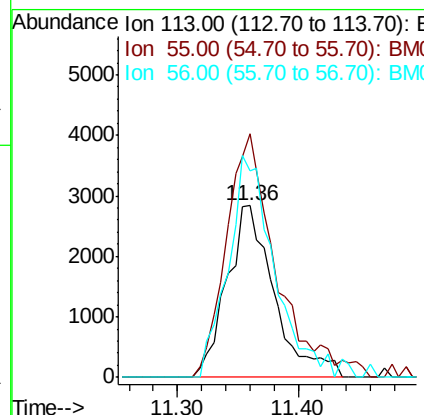
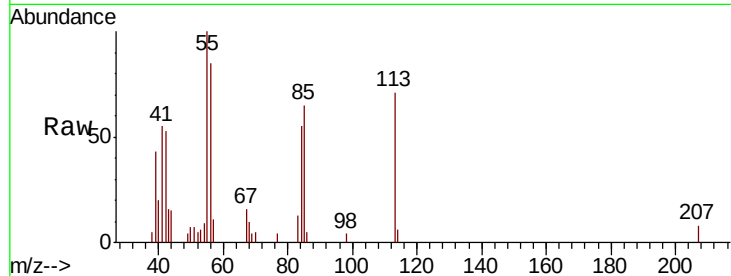
#32  
 Caprolactam  
 Concen: 6.387 ng/ul  
 RT: 11.36 min Scan# 1466  
 Delta R.T. 0.02 min  
 Lab File: BM026928.D  
 Acq: 29 Jul 2020 16:25

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-WATER-01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 141.8 | 119.7 | 179.5 |
| 56      | 120.2 | 90.2  | 135.2 |

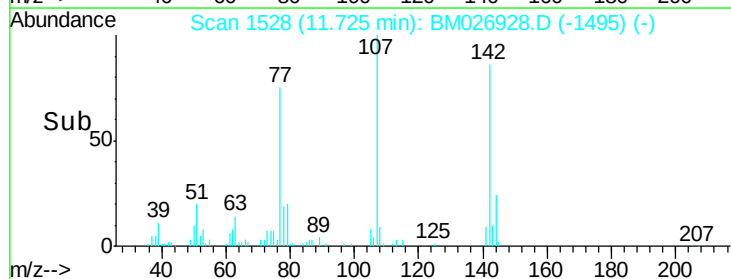
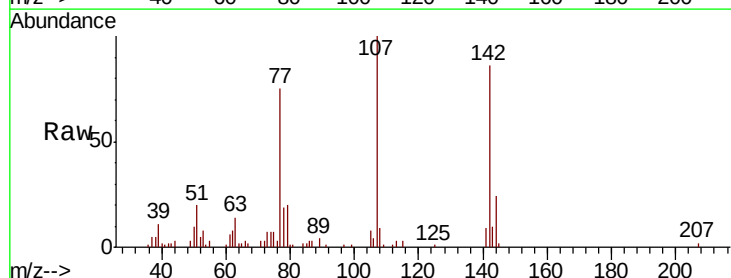
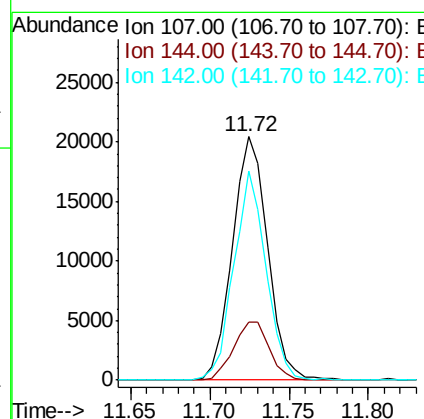
Manual Integrations  
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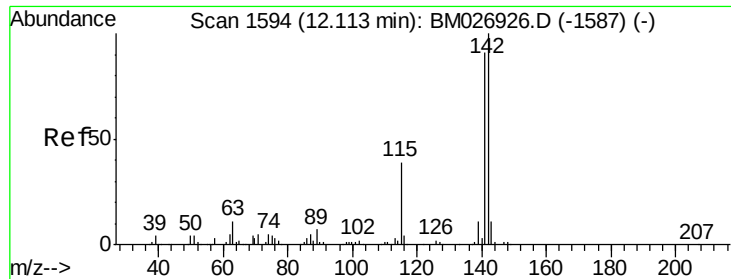
mohammad  
 7/30/2020 3:32:38 PM



#33  
 4-Chloro-3-methylphenol  
 Concen: 7.257 ng/ul  
 RT: 11.72 min Scan# 1528  
 Delta R.T. -0.01 min  
 Lab File: BM026928.D  
 Acq: 29 Jul 2020 16:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 24.0  | 20.6  | 30.8  |
| 142     | 85.7  | 59.9  | 89.9  |





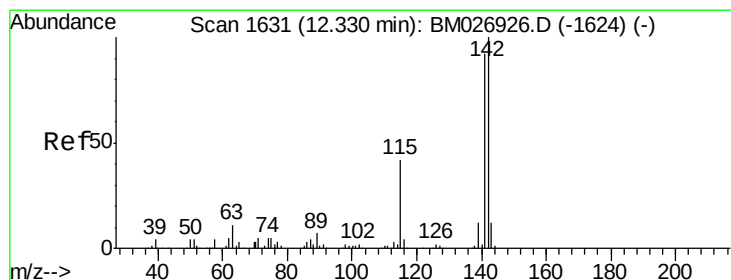
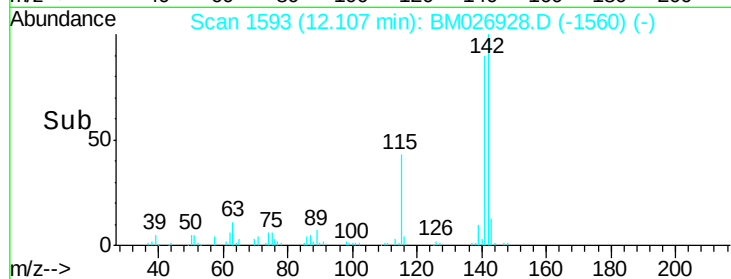
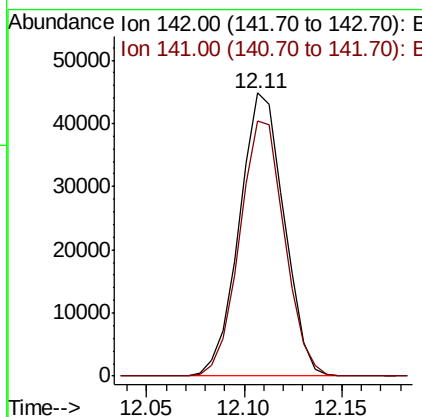
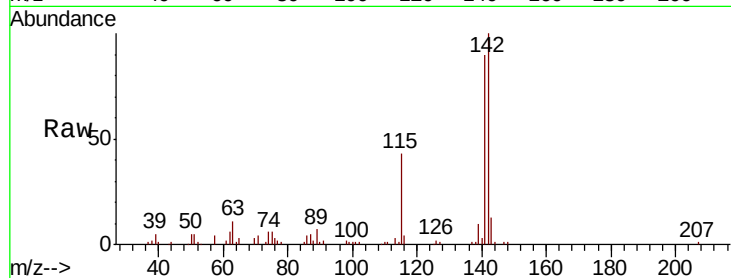
#34  
2-Methylnaphthalene  
Concen: 7.697 ng/ul  
RT: 12.11 min Scan# 1593  
Delta R.T. -0.01 min  
Lab File: BM026928.D  
Acq: 29 Jul 2020 16:25

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.3  | 71.1  | 106.7 |

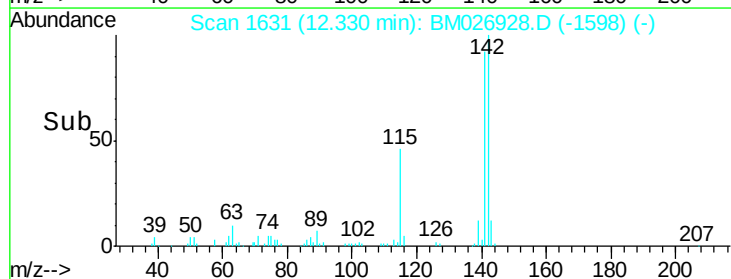
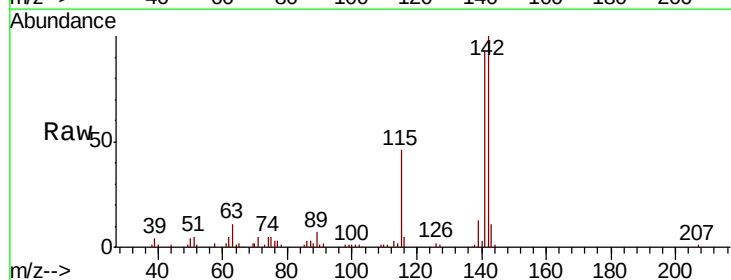
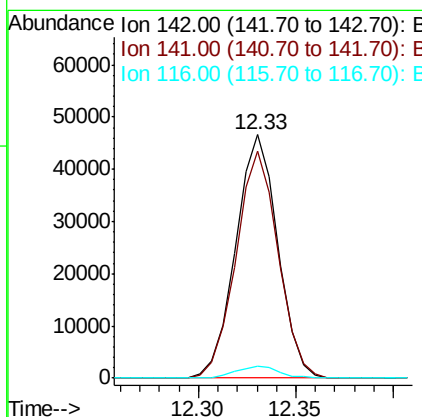
Manual Integrations  
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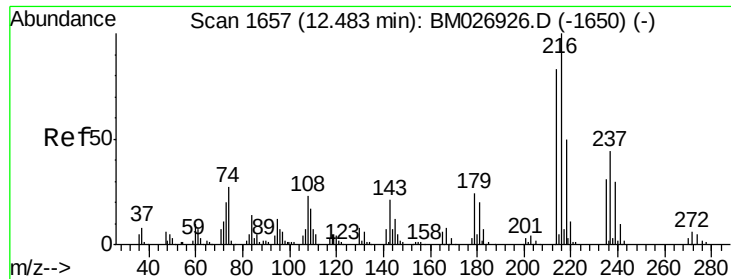


#35  
1-Methylnaphthalene  
Concen: 7.679 ng/ul  
RT: 12.33 min Scan# 1631  
Delta R.T. -0.01 min  
Lab File: BM026928.D  
Acq: 29 Jul 2020 16:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 93.1  | 73.3  | 109.9 |
| 116     | 4.7   | 3.4   | 5.0   |







#37

1,2,4,5-Tetrachlorobenzene

Concen: 7.925 ng/ul

RT: 12.48 min Scan# 1657

Delta R.T. -0.01 min

Lab File: BM026928.D

Acq: 29 Jul 2020 16:25

Instrument :

BNA\_M

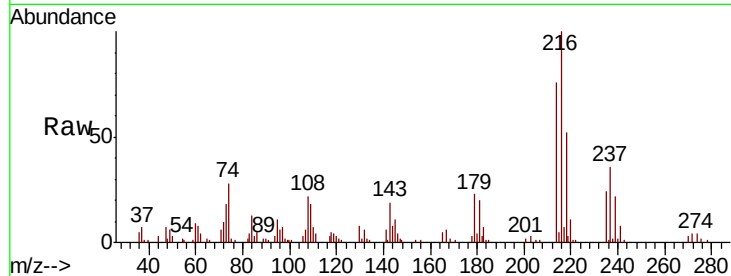
ClientSampleId :

MDL-WATER-01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 216   | Resp: | 38876 |
| Ion Ratio | Lower | Upper |       |
| 216       | 100   |       |       |
| 214       | 76.3  | 64.2  | 96.4  |
| 179       | 22.8  | 16.2  | 24.4  |
| 108       | 21.8  | 16.7  | 25.1  |

Manual Integrations  
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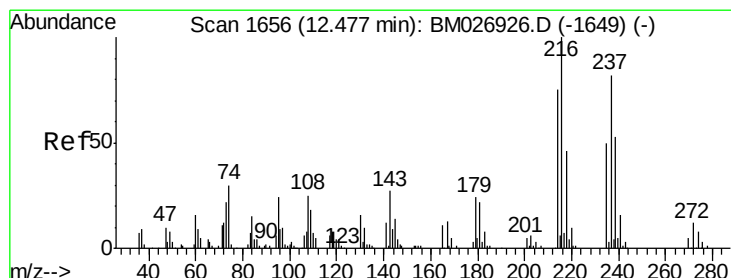
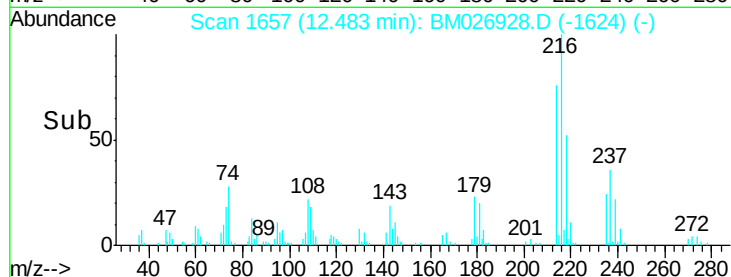
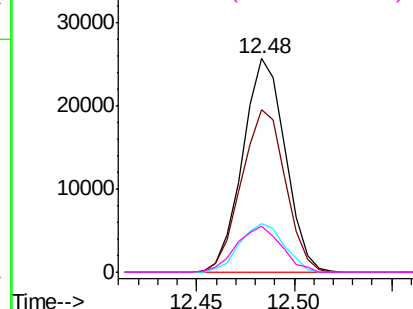


Abundance Ion 216.00 (215.70 to 216.70): E

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: 5.690 ng/ul

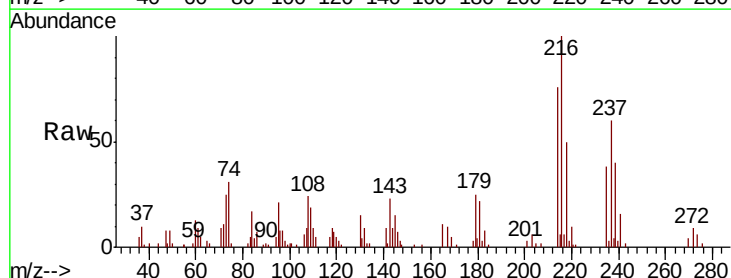
RT: 12.48 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BM026928.D

Acq: 29 Jul 2020 16:25

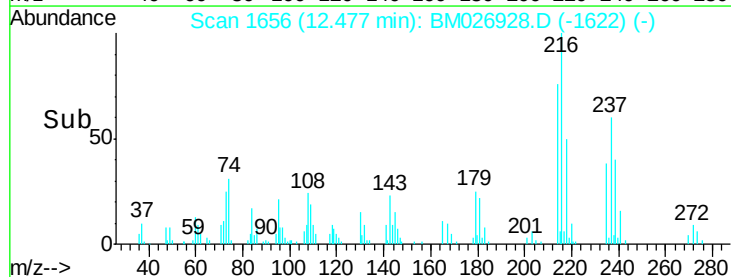
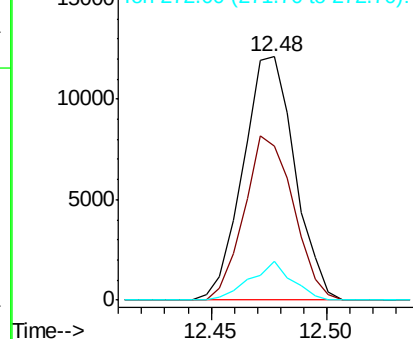
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 237   | Resp: | 18926 |
| Ion Ratio | Lower | Upper |       |
| 237       | 100   |       |       |
| 235       | 63.3  | 49.8  | 74.8  |
| 272       | 15.8  | 10.1  | 15.1# |

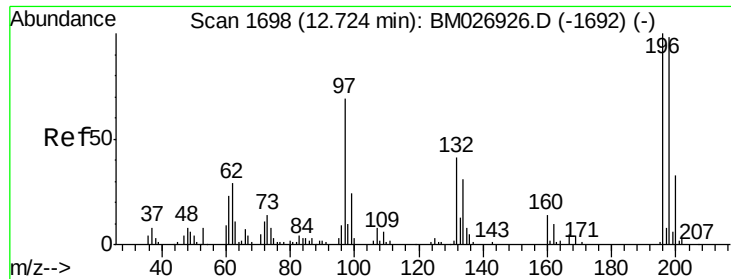


Abundance Ion 237.00 (236.70 to 237.70): E

Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E





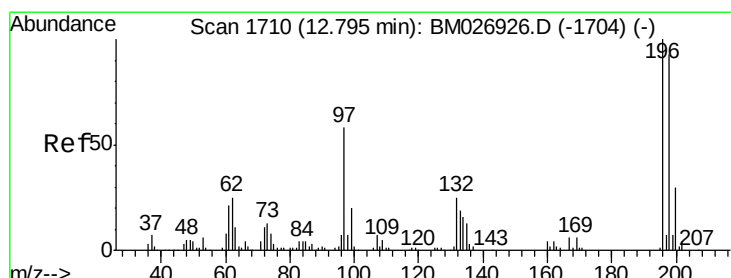
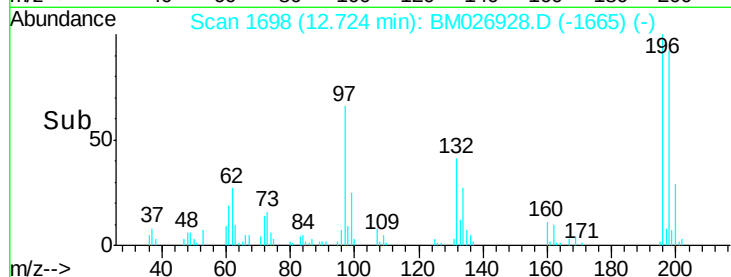
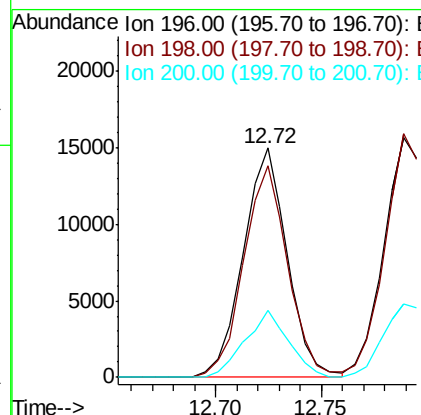
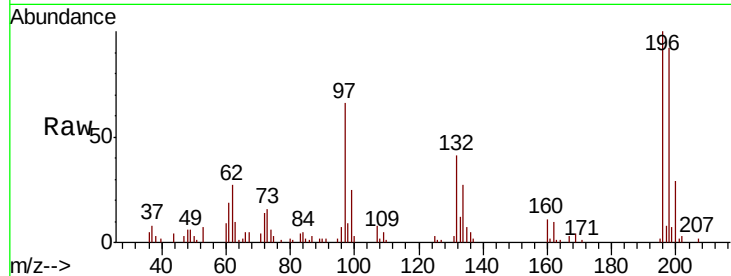
#39  
 2,4,6-Trichlorophenol  
 Concen: 7.663 ng/ul  
 RT: 12.72 min Scan# 1698  
 Delta R.T. -0.01 min  
 Lab File: BM026928.D  
 Acq: 29 Jul 2020 16:25

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-WATER-01

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 21541 |       |       |
| 198     | 92.4  | 79.0  | 118.6 |       |
| 200     | 29.2  | 23.3  | 34.9  |       |

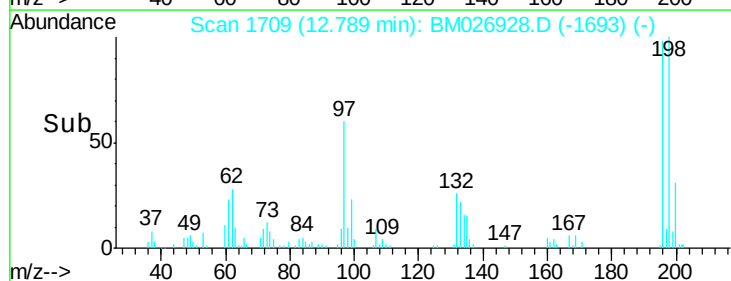
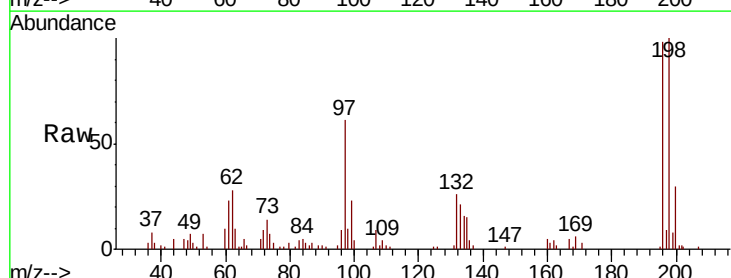
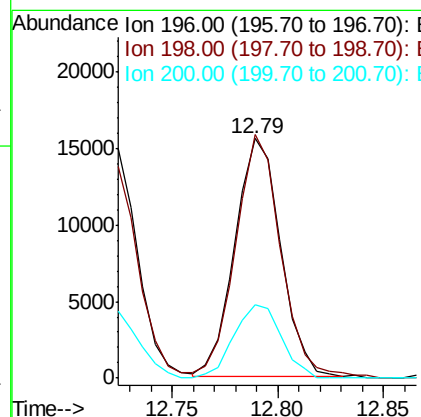
Manual Integrations  
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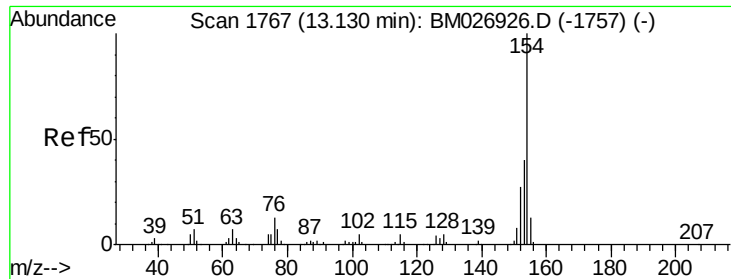
mohammad  
 7/30/2020 3:32:38 PM



#40  
 2,4,5-Trichlorophenol  
 Concen: 7.737 ng/ul  
 RT: 12.79 min Scan# 1709  
 Delta R.T. -0.01 min  
 Lab File: BM026928.D  
 Acq: 29 Jul 2020 16:25

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 23240 |       |       |
| 198     | 101.7 | 79.0  | 118.6 |       |
| 200     | 30.7  | 25.4  | 38.2  |       |





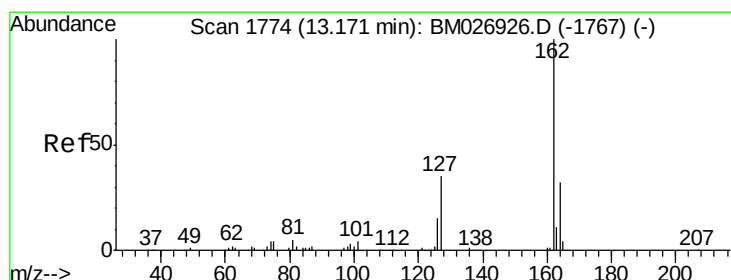
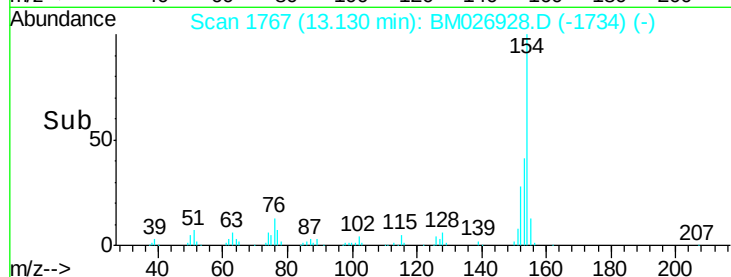
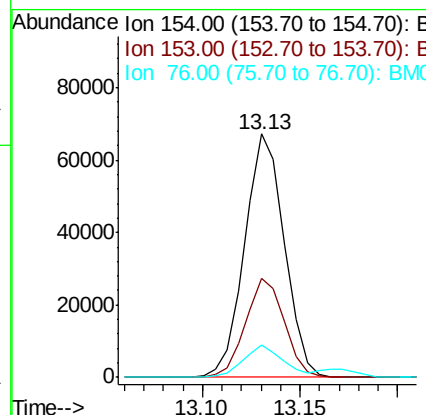
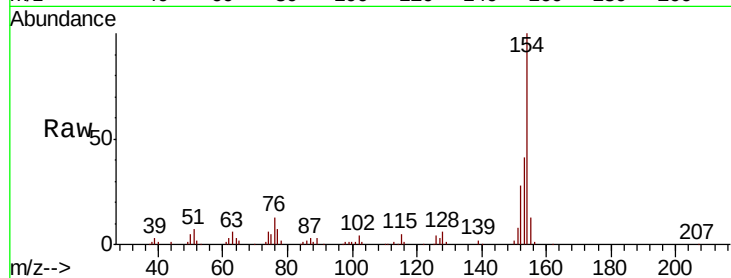
#41  
 1,1'-Biphenyl  
 Concen: 7.889 ng/ul  
 RT: 13.13 min Scan# 1767  
 Delta R.T. -0.01 min  
 Lab File: BM026928.D  
 Acq: 29 Jul 2020 16:25

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-WATER-01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 154   | Resp: | 94614 |
| Ion Ratio | Lower | Upper |       |
| 154       | 100   |       |       |
| 153       | 40.6  | 31.4  | 47.2  |
| 76        | 13.2  | 10.8  | 16.2  |

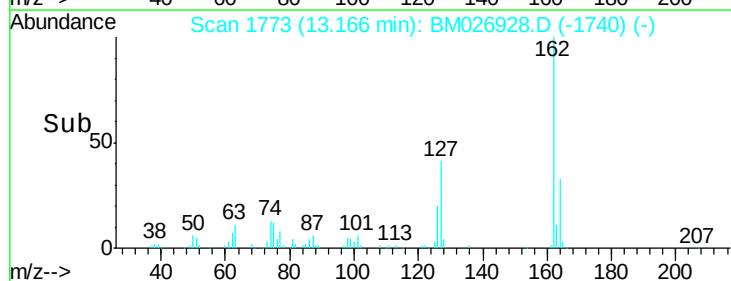
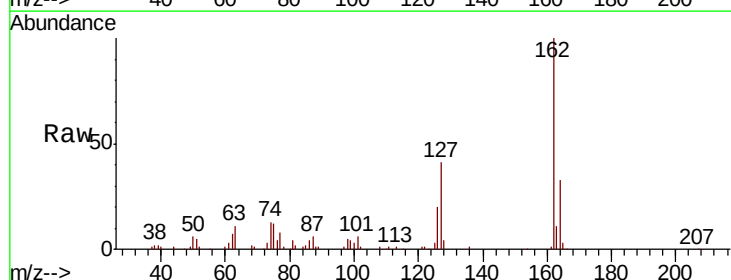
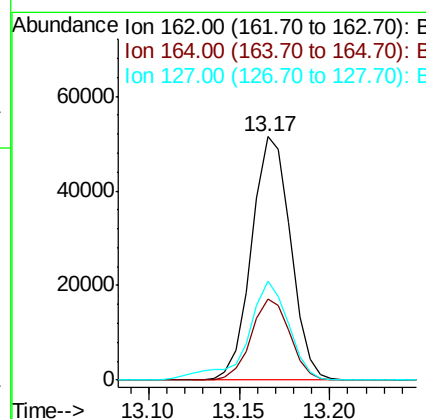
Manual Integrations  
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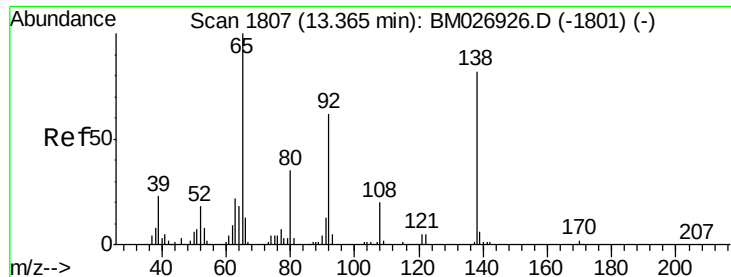
mohammad  
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#42  
 2-Chloronaphthalene  
 Concen: 7.988 ng/ul  
 RT: 13.17 min Scan# 1773  
 Delta R.T. -0.01 min  
 Lab File: BM026928.D  
 Acq: 29 Jul 2020 16:25

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 162   | Resp: | 77088 |
| Ion Ratio | Lower | Upper |       |
| 162       | 100   |       |       |
| 164       | 33.3  | 26.4  | 39.6  |
| 127       | 40.5  | 30.6  | 45.8  |





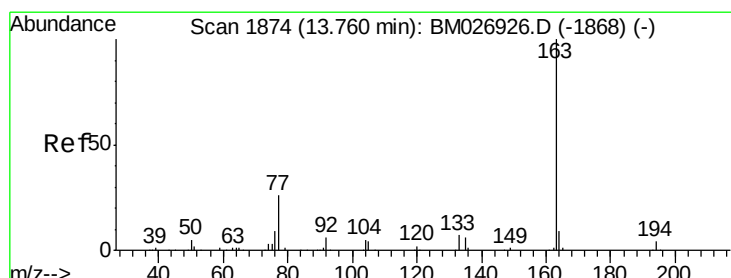
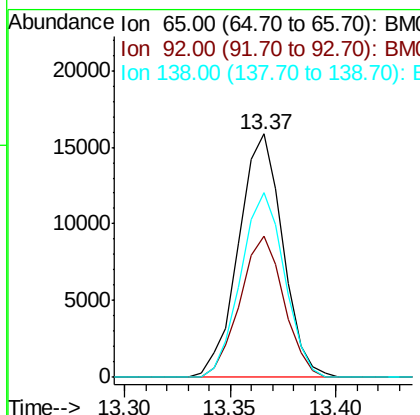
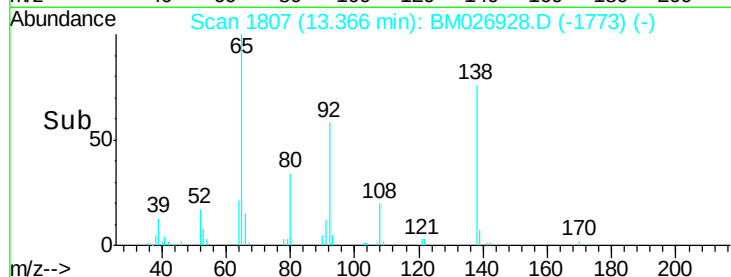
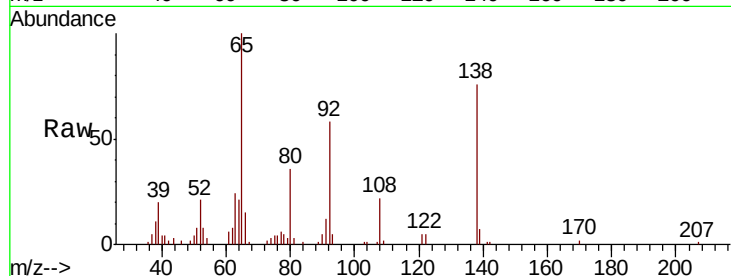
#43  
2-Nitroaniline  
Concen: 8.024 ng/ul  
RT: 13.37 min Scan# 1807  
Delta R.T. -0.00 min  
Lab File: BM026928.D  
Acq: 29 Jul 2020 16:25

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 57.8  | 51.0  | 76.6  |
| 138     | 75.9  | 67.3  | 100.9 |

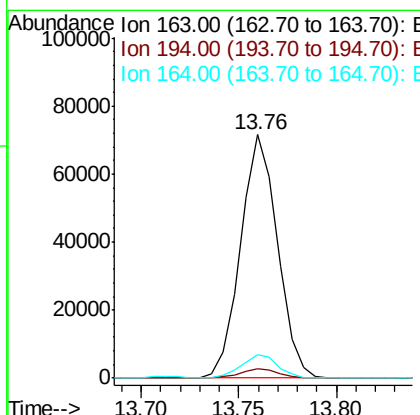
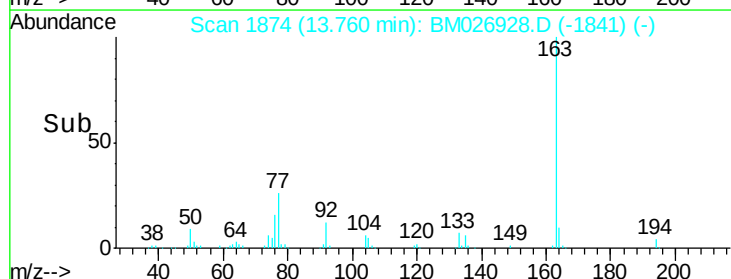
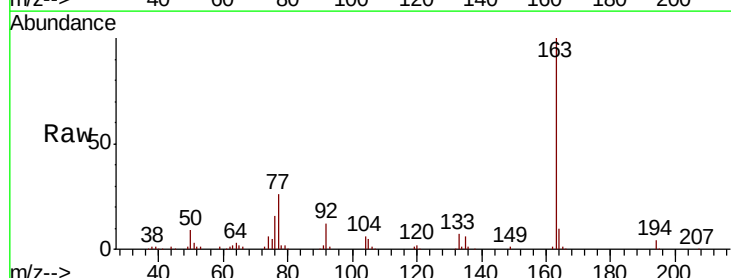
Manual Integrations  
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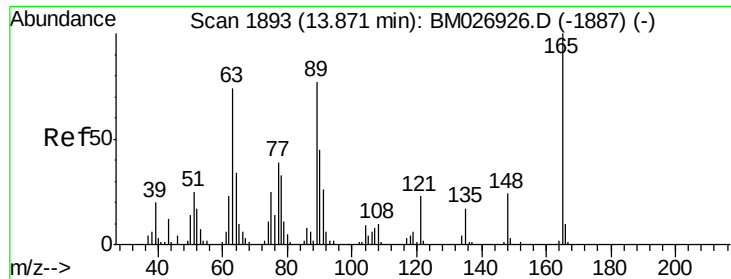
mohammad  
7/30/2020 3:32:38 PM



#45  
Dimethylphthalate  
Concen: 7.943 ng/ul  
RT: 13.76 min Scan# 1874  
Delta R.T. -0.01 min  
Lab File: BM026928.D  
Acq: 29 Jul 2020 16:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 3.7   | 3.0   | 4.6   |
| 164     | 9.8   | 8.6   | 12.8  |





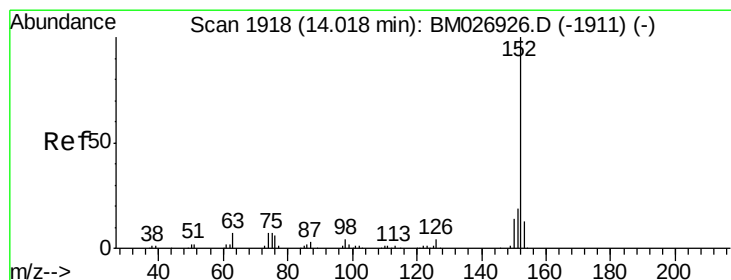
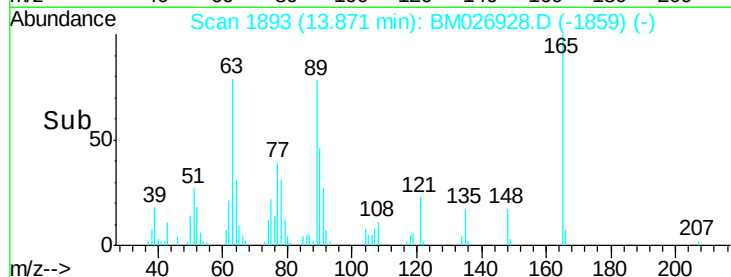
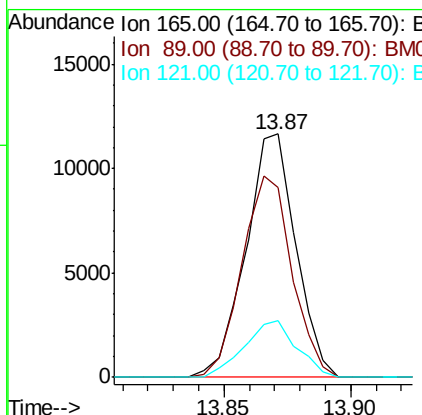
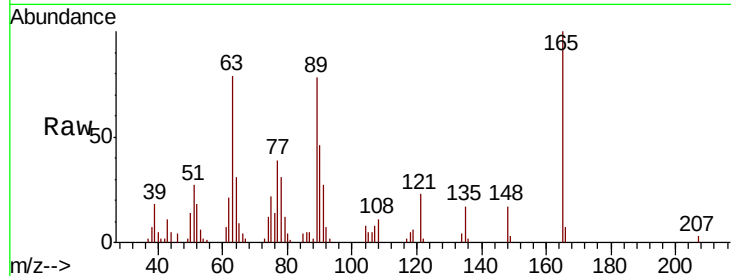
#46  
 2,6-Dinitrotoluene  
 Concen: 7.658 ng/ul  
 RT: 13.87 min Scan# 1893  
 Delta R.T. -0.00 min  
 Lab File: BM026928.D  
 Acq: 29 Jul 2020 16:25

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-WATER-01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 89      | 78.0  | 55.0  | 82.4  |
| 121     | 23.3  | 19.0  | 28.6  |

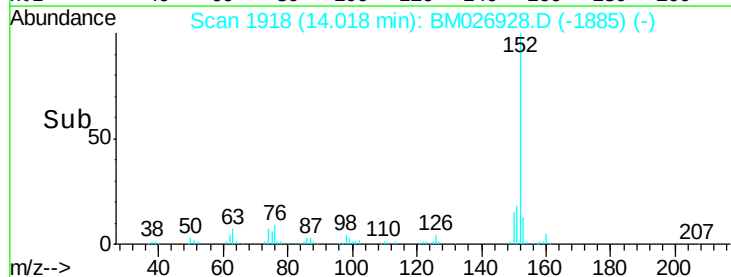
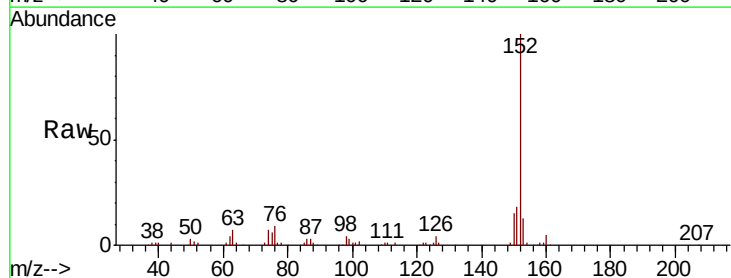
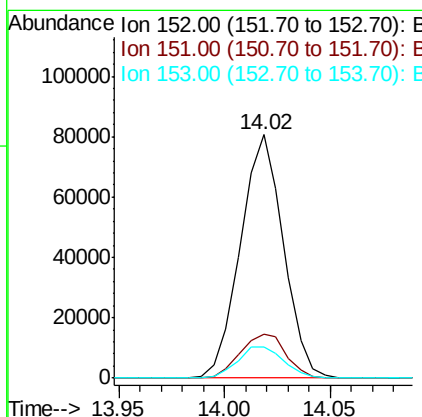
Manual Integrations  
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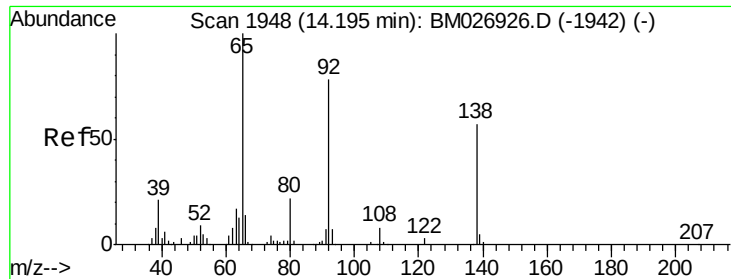
mohammad  
 7/30/2020 3:32:38 PM



#48  
 Acenaphthylene  
 Concen: 7.826 ng/ul  
 RT: 14.02 min Scan# 1918  
 Delta R.T. -0.01 min  
 Lab File: BM026928.D  
 Acq: 29 Jul 2020 16:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 18.1  | 15.8  | 23.6  |
| 153     | 13.0  | 10.7  | 16.1  |





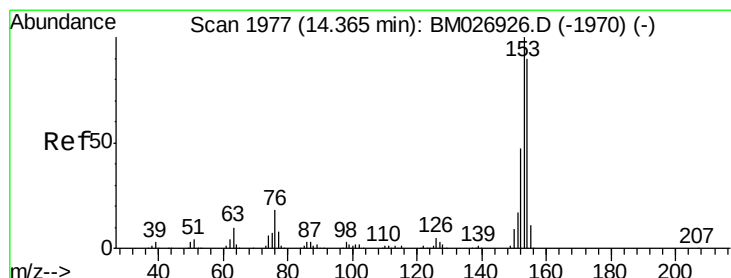
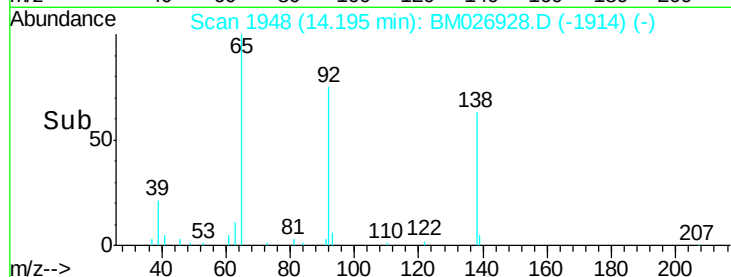
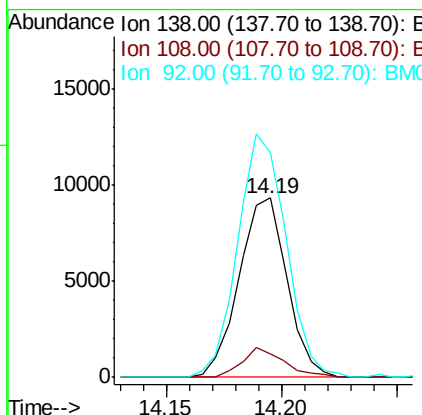
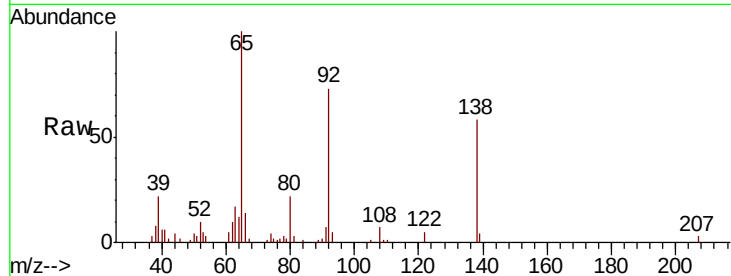
#49  
3-Nitroaniline  
Concen: 6.660 ng/ul  
RT: 14.19 min Scan# 1948  
Delta R.T. -0.00 min  
Lab File: BM026928.D  
Acq: 29 Jul 2020 16:25

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 12.9  | 11.4  | 17.2  |
| 92      | 125.5 | 108.7 | 163.1 |

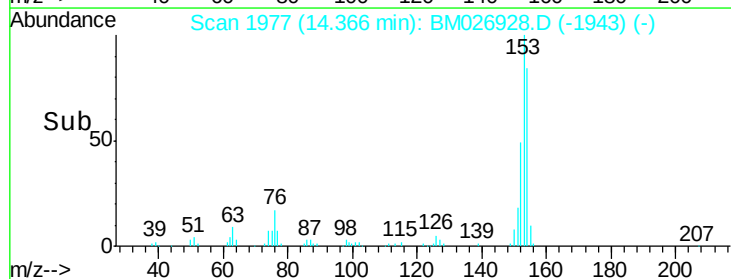
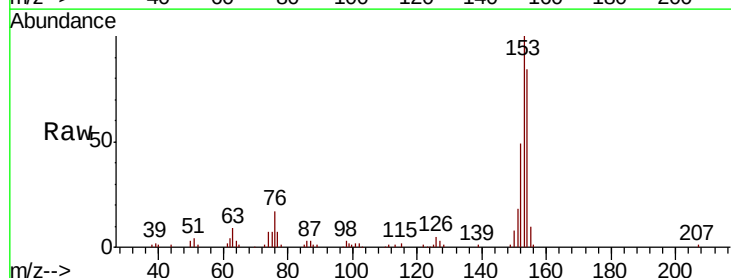
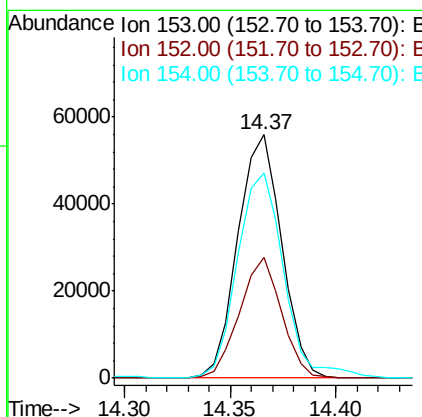
Manual Integrations  
APPROVED

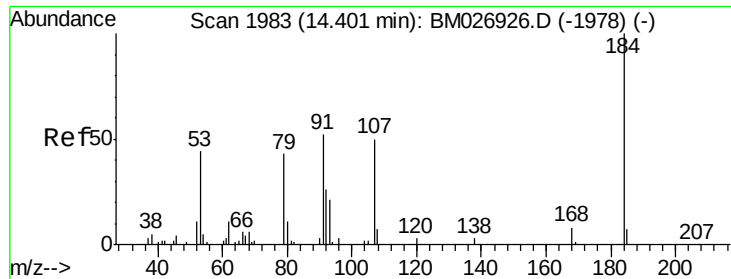
mohammad  
7/30/2020 3:32:38 PM



#50  
Acenaphthene  
Concen: 8.042 ng/ul  
RT: 14.37 min Scan# 1977  
Delta R.T. -0.00 min  
Lab File: BM026928.D  
Acq: 29 Jul 2020 16:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 153     | 100   |       |       |
| 152     | 49.3  | 37.8  | 56.6  |
| 154     | 84.4  | 70.5  | 105.7 |





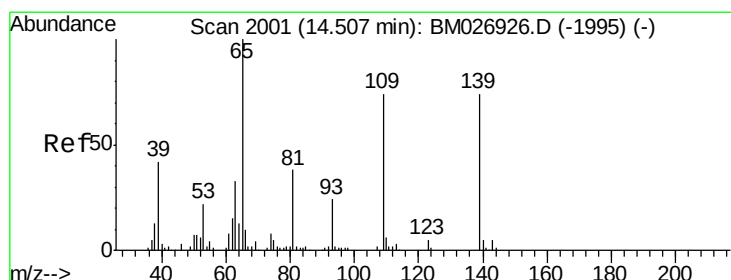
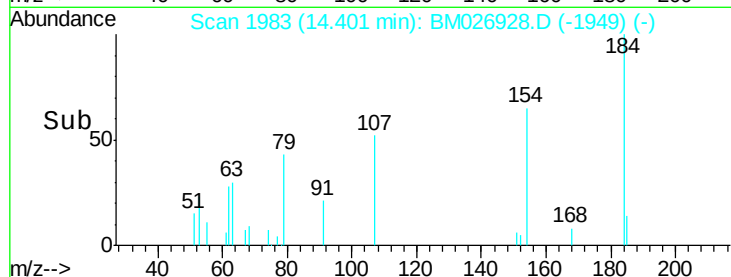
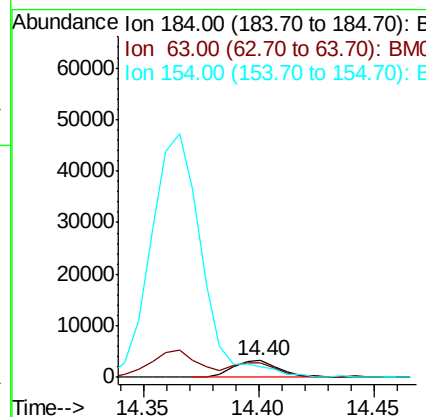
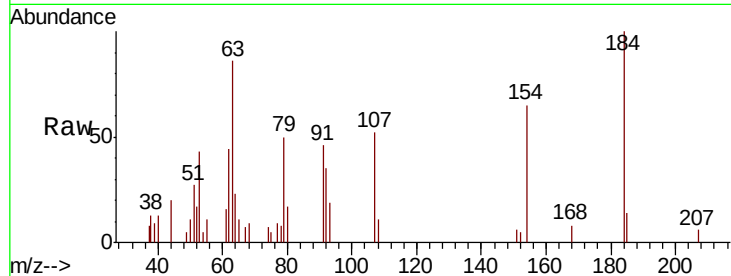
#51  
2,4-Dinitrophenol  
Concen: 5.646 ng/ul  
RT: 14.40 min Scan# 1983  
Delta R.T. -0.00 min  
Lab File: BM026928.D  
Acq: 29 Jul 2020 16:25

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 85.7  | 57.8  | 86.8  |
| 154     | 65.5  | 55.0  | 82.4  |

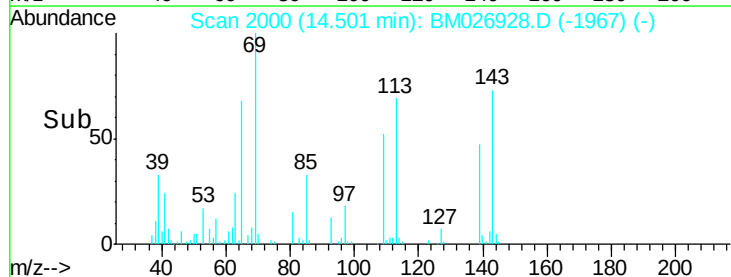
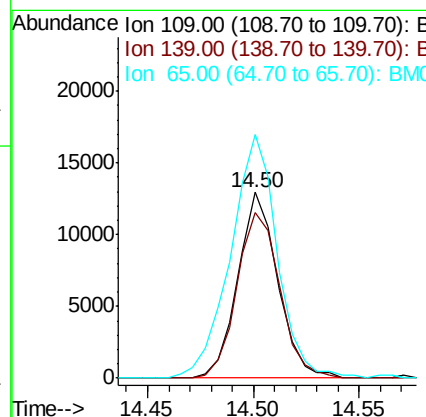
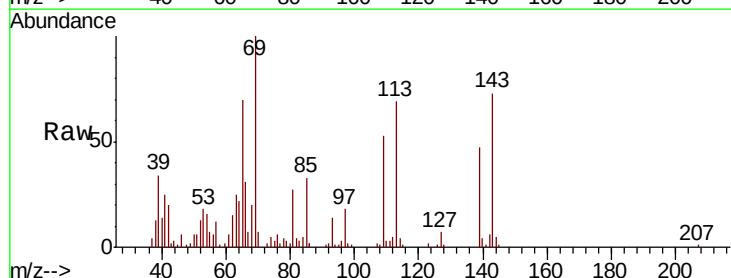
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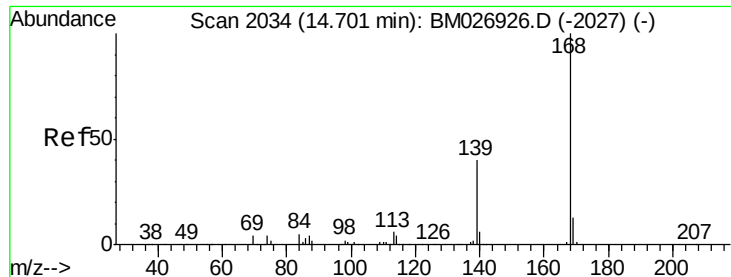
mohammad  
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#53  
4-Nitrophenol  
Concen: 8.920 ng/ul  
RT: 14.50 min Scan# 2000  
Delta R.T. -0.01 min  
Lab File: BM026928.D  
Acq: 29 Jul 2020 16:25

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 109     | 100   |       |        |
| 139     | 89.4  | 92.3  | 138.5# |
| 65      | 131.3 | 116.6 | 174.8  |





#54

Dibenzofuran

Concen: 8.107 ng/ul

RT: 14.70 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BM026928.D

Acq: 29 Jul 2020 16:25

Instrument :

BNA\_M

ClientSampleId :

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Tot Ion:168 Resp: 112652

Ion Ratio Lower Upper

168 100

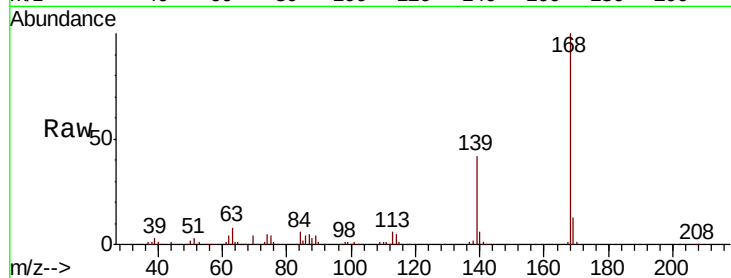
139 42.1 30.8 46.2

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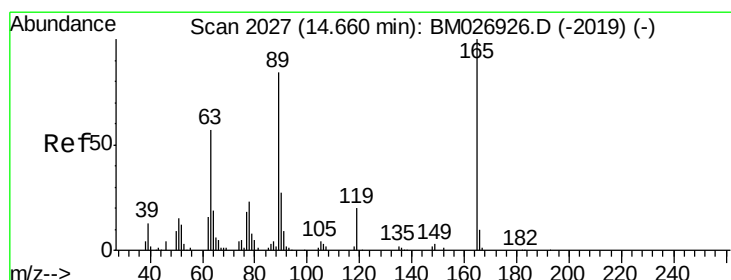
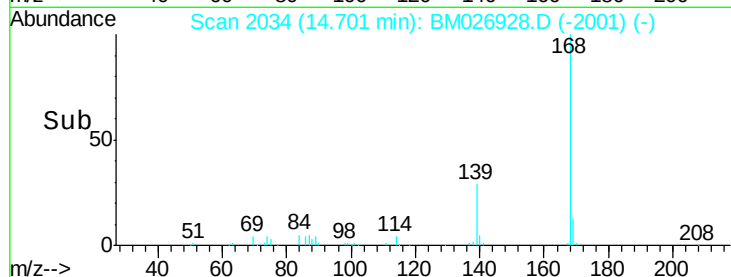
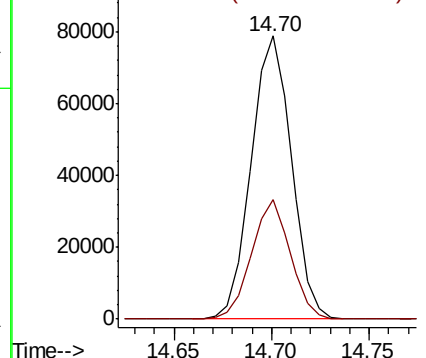
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#55

2,4-Dinitrotoluene

Concen: 7.557 ng/ul

RT: 14.65 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BM026928.D

Acq: 29 Jul 2020 16:25

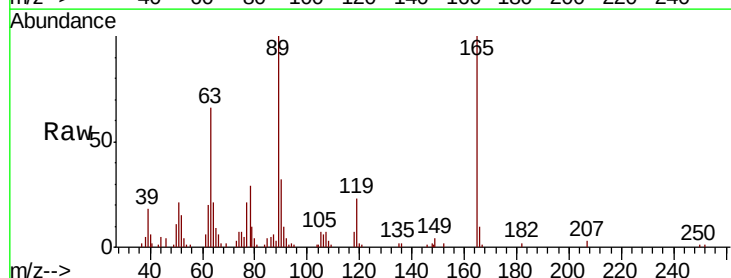
Tgt Ion:165 Resp: 22610

Ion Ratio Lower Upper

165 100

63 66.5 46.2 69.4

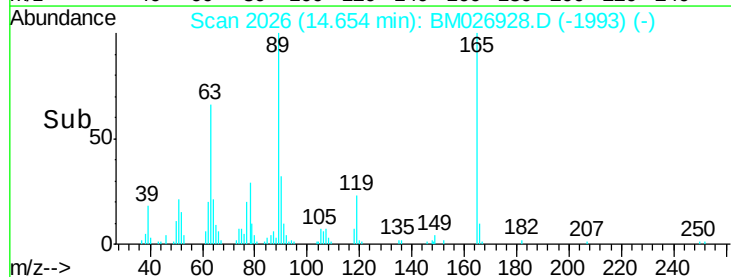
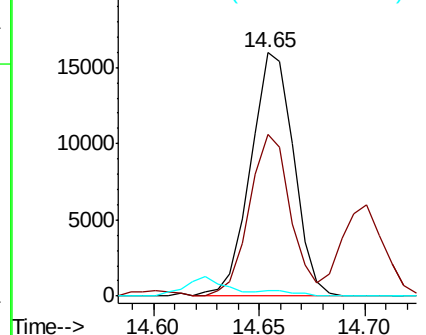
182 2.1 2.4 3.6#



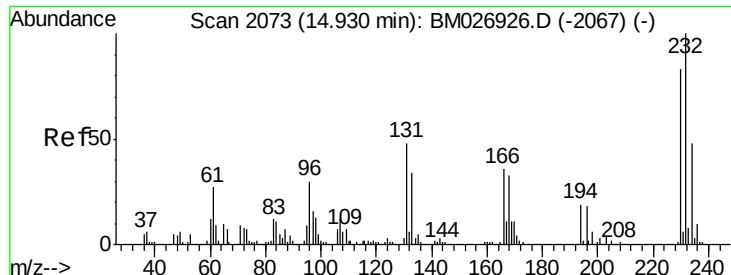
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 182.00 (181.70 to 182.70): E







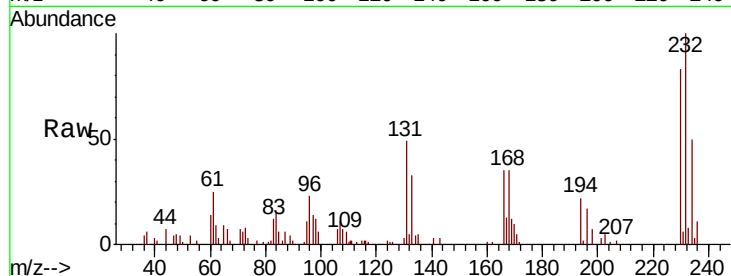
#56  
 2,3,4,6-Tetrachlorophenol  
 Concen: 7.623 ng/ul  
 RT: 14.93 min Scan# 2073  
 Delta R.T. -0.00 min  
 Lab File: BM026928.D  
 Acq: 29 Jul 2020 16:25

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-WATER-01

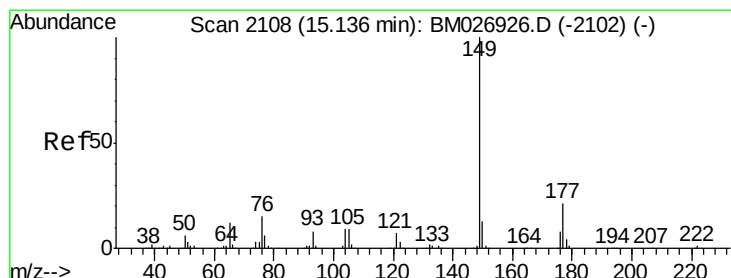
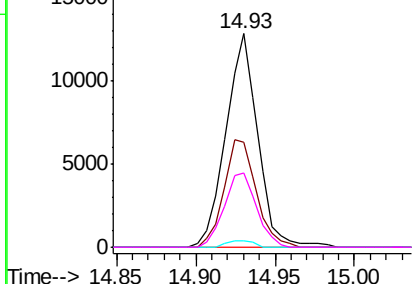
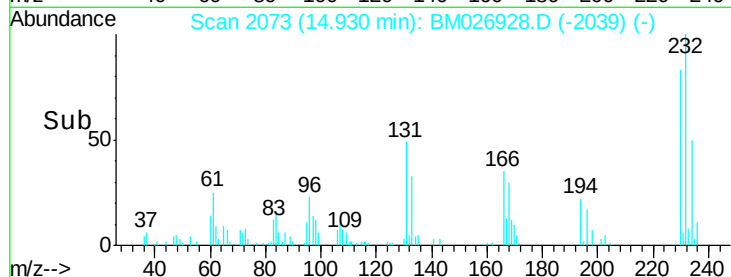
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 49.4  | 39.4  | 59.2  |
| 130     | 2.9   | 2.6   | 4.0   |
| 166     | 35.1  | 26.7  | 40.1  |

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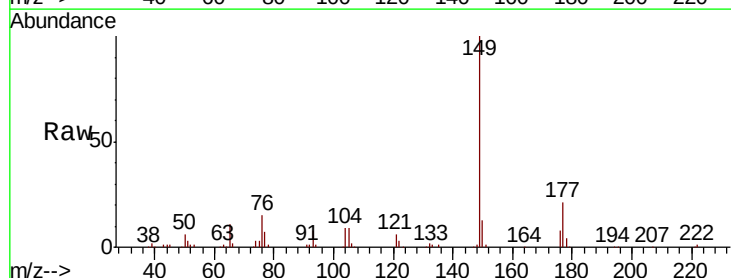


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

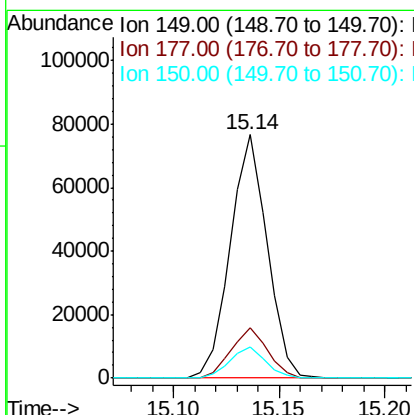
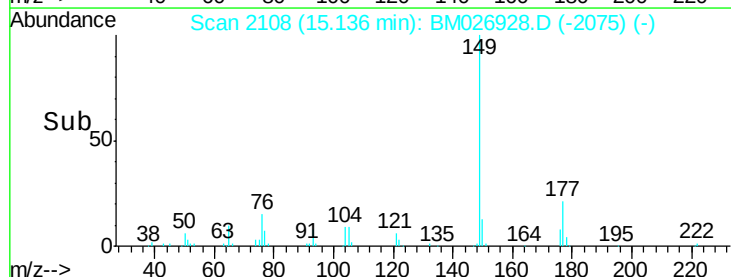


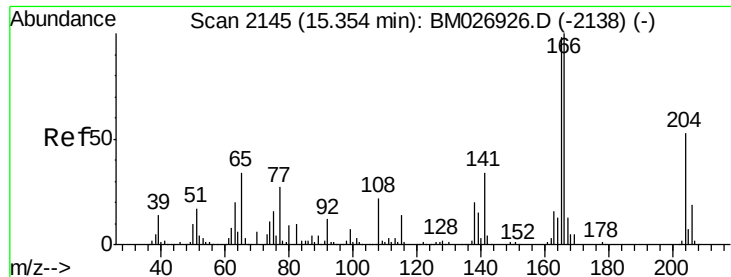
#57  
 Diethylphthalate  
 Concen: 7.808 ng/ul  
 RT: 15.14 min Scan# 2108  
 Delta R.T. -0.01 min  
 Lab File: BM026928.D  
 Acq: 29 Jul 2020 16:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 20.6  | 17.0  | 25.4  |
| 150     | 12.7  | 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: 7.926 ng/ul

RT: 15.35 min Scan# 2144

Delta R.T. -0.01 min

Lab File: BM026928.D

Acq: 29 Jul 2020 16:25

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-01

Tot Ion:166 Resp: 92755

Ion Ratio Lower Upper

166 100

165 96.0 78.2 117.2

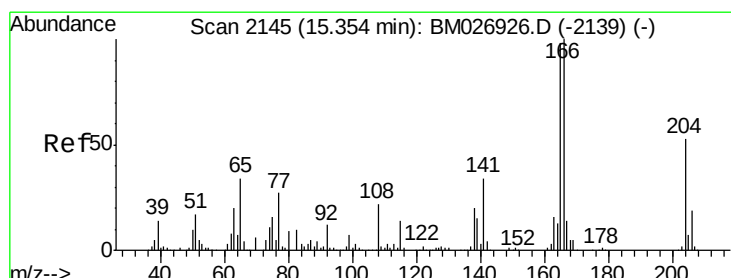
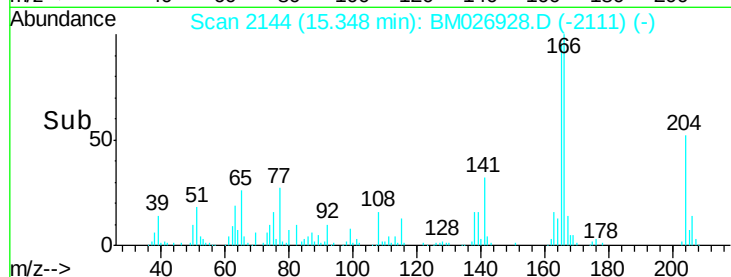
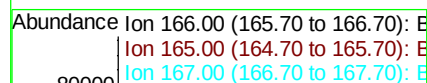
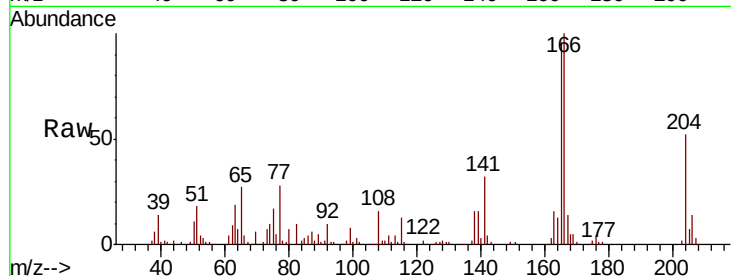
167 13.6 10.3 15.5

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#60

4-Chlorophenyl-phenylether

Concen: 8.192 ng/ul

RT: 15.35 min Scan# 2145

Delta R.T. -0.01 min

Lab File: BM026928.D

Acq: 29 Jul 2020 16:25

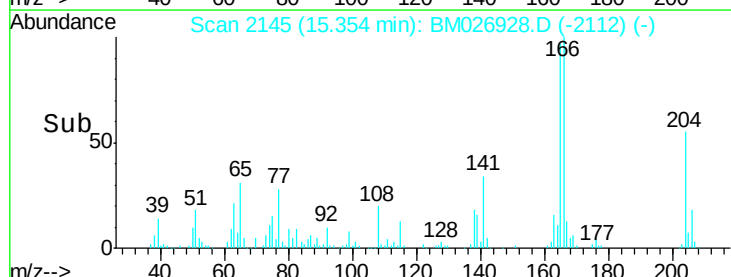
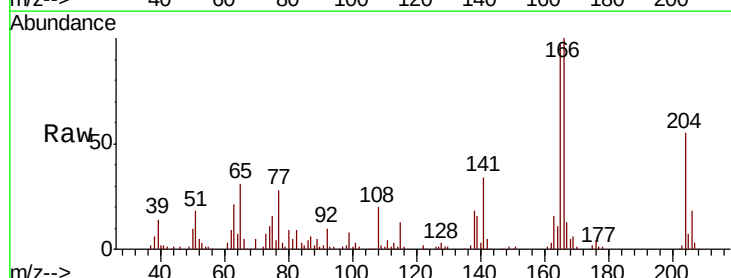
Tgt Ion:204 Resp: 47711

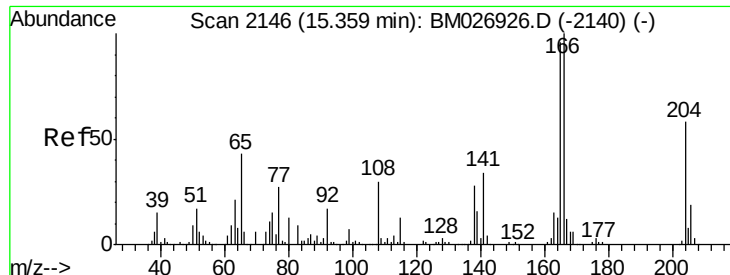
Ion Ratio Lower Upper

204 100

206 31.7 26.0 39.0

141 61.5 48.3 72.5





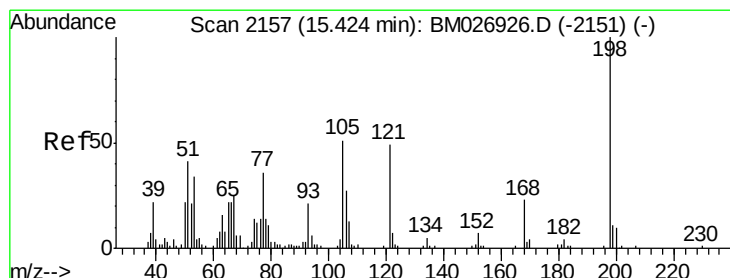
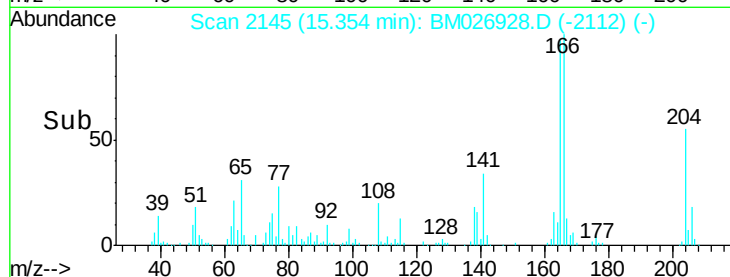
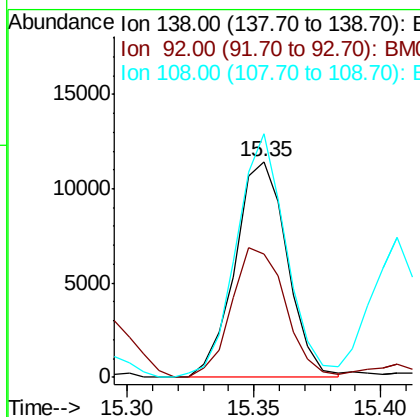
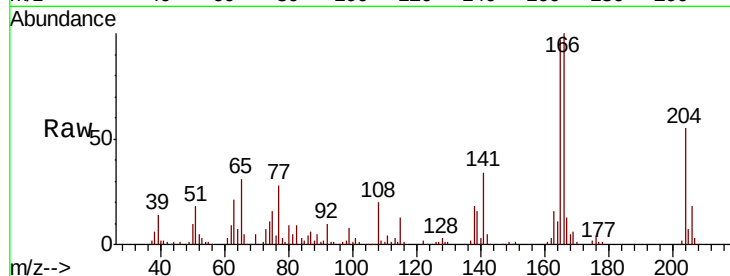
#61  
 4-Nitroaniline  
 Concen: 6.564 ng/ul  
 RT: 15.35 min Scan# 2145  
 Delta R.T. -0.01 min  
 Lab File: BM026928.D  
 Acq: 29 Jul 2020 16:25

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-WATER-01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 57.2  | 49.9  | 74.9  |
| 108     | 112.8 | 78.9  | 118.3 |

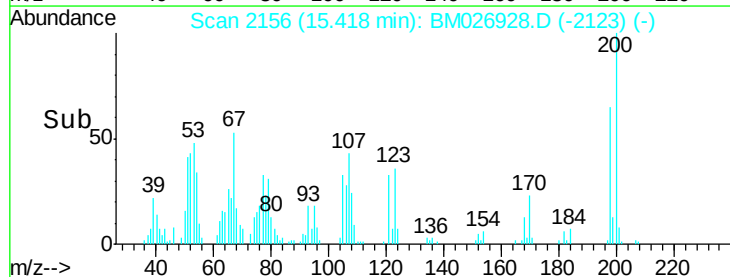
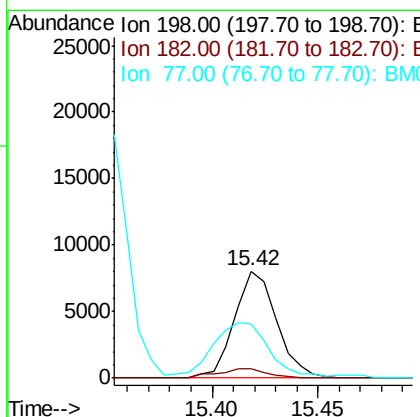
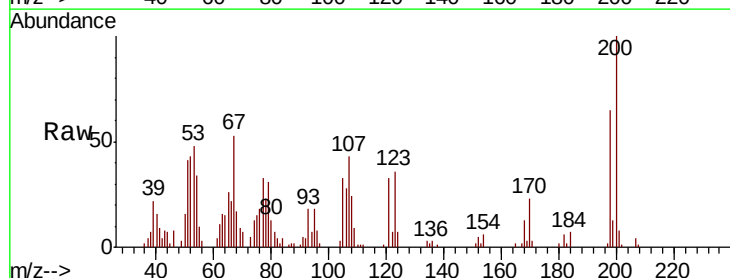
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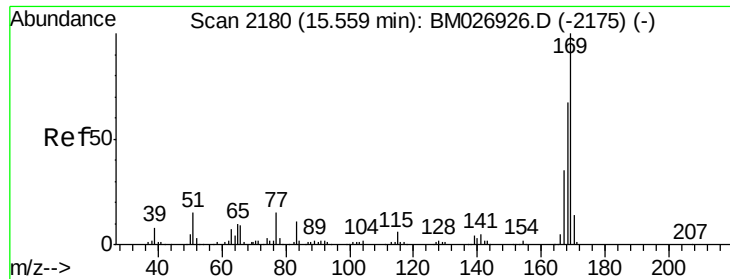
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#64  
 4,6-Dinitro-2-methylphenol  
 Concen: 7.254 ng/ul  
 RT: 15.42 min Scan# 2156  
 Delta R.T. -0.01 min  
 Lab File: BM026928.D  
 Acq: 29 Jul 2020 16:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 182     | 9.0   | 4.2   | 6.4#  |
| 77      | 50.8  | 29.3  | 43.9# |





#65

N-Nitrosodiphenylamine

Concen: 7.655 ng/ul

RT: 15.56 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BM026928.D

Acq: 29 Jul 2020 16:25

Instrument :

BNA\_M

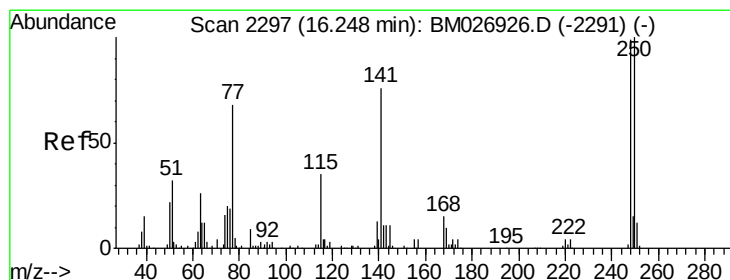
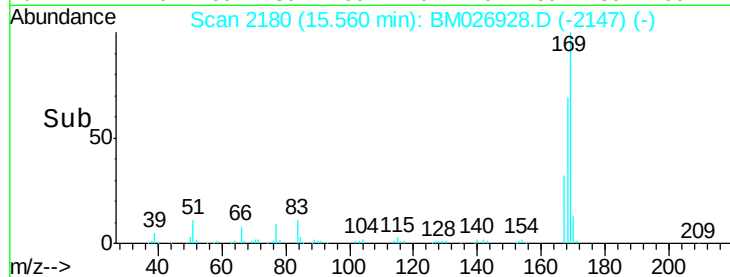
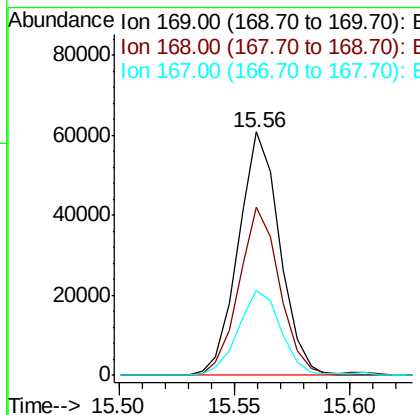
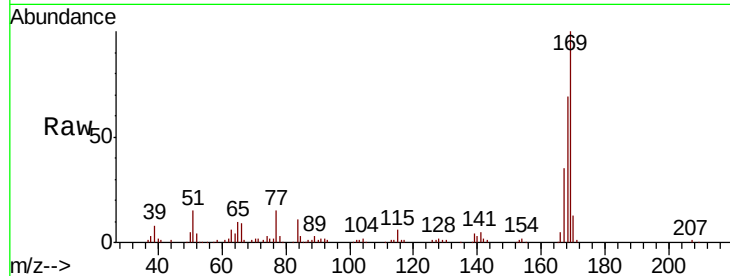
ClientSampleId :

MDL-WATER-01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 169   | Resp: | 76149 |
| Ion Ratio | Lower | Upper |       |
| 169       | 100   |       |       |
| 168       | 69.2  | 54.6  | 82.0  |
| 167       | 34.9  | 29.1  | 43.7  |

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#66

4-Bromophenyl-phenylether

Concen: 7.893 ng/ul

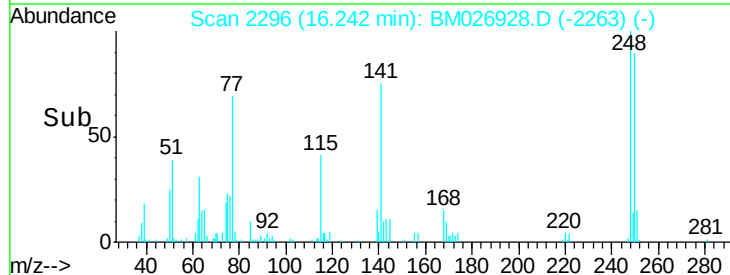
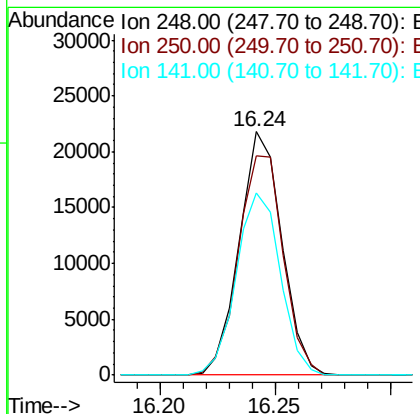
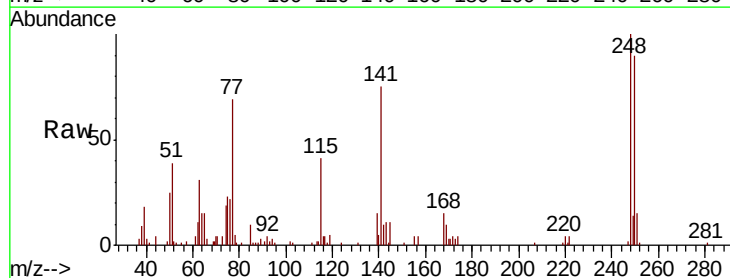
RT: 16.24 min Scan# 2296

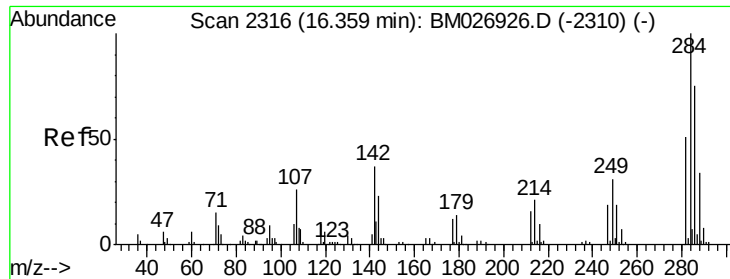
Delta R.T. -0.01 min

Lab File: BM026928.D

Acq: 29 Jul 2020 16:25

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 248   | Resp: | 28155 |
| Ion Ratio | Lower | Upper |       |
| 248       | 100   |       |       |
| 250       | 90.2  | 78.2  | 117.4 |
| 141       | 74.6  | 57.5  | 86.3  |





#67

Hexachlorobenzene

Concen: 8.055 ng/ul

RT: 16.36 min Scan# 2316

Delta R.T. -0.00 min

Lab File: BM026928.D

Acq: 29 Jul 2020 16:25

Instrument :

BNA\_M

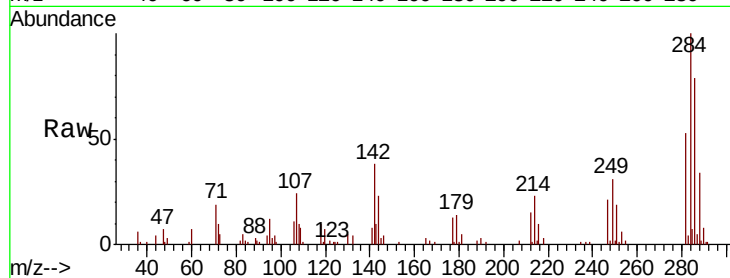
ClientSampleId :

MDL-WATER-01

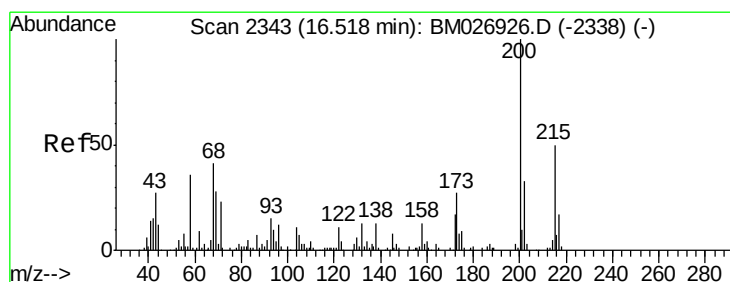
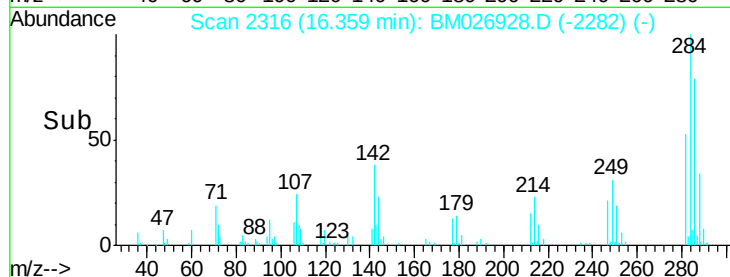
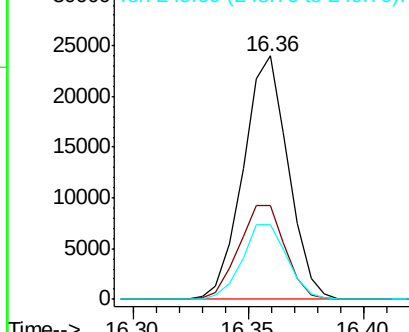
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 284   | Resp: | 32584 |
| Ion Ratio | Lower | Upper |       |
| 284       | 100   |       |       |
| 142       | 38.4  | 31.7  | 47.5  |
| 249       | 30.6  | 25.7  | 38.5  |

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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: 7.342 ng/ul

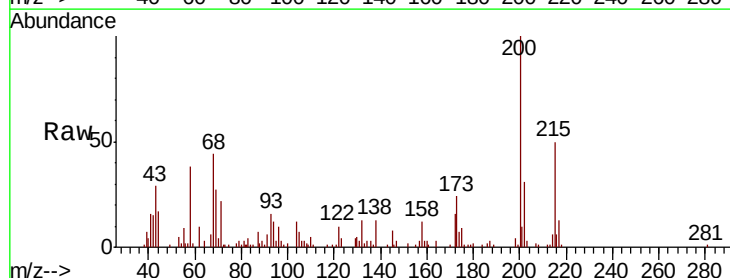
RT: 16.51 min Scan# 2342

Delta R.T. -0.01 min

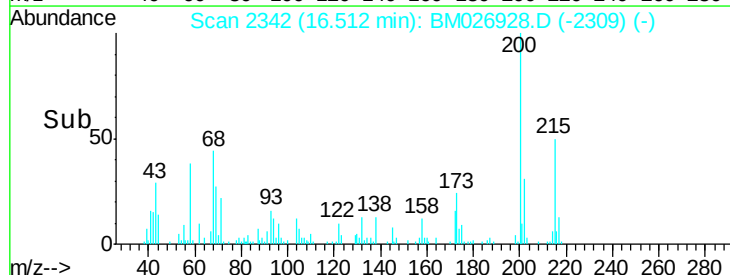
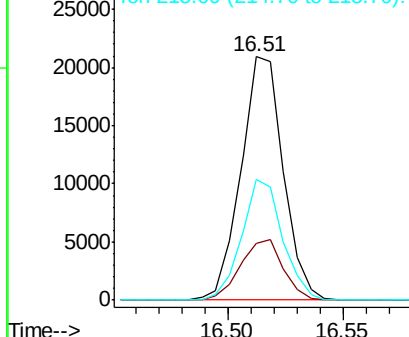
Lab File: BM026928.D

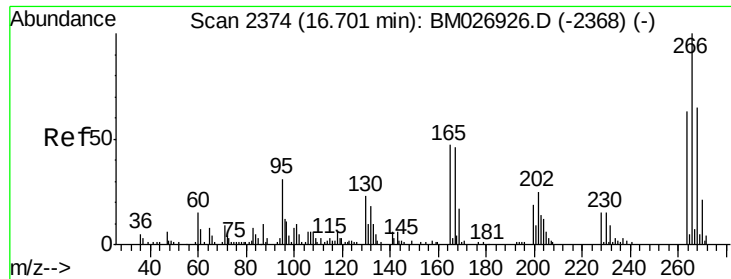
Acq: 29 Jul 2020 16:25

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 200   | Resp: | 26809 |
| Ion Ratio | Lower | Upper |       |
| 200       | 100   |       |       |
| 173       | 23.5  | 22.4  | 33.6  |
| 215       | 49.7  | 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





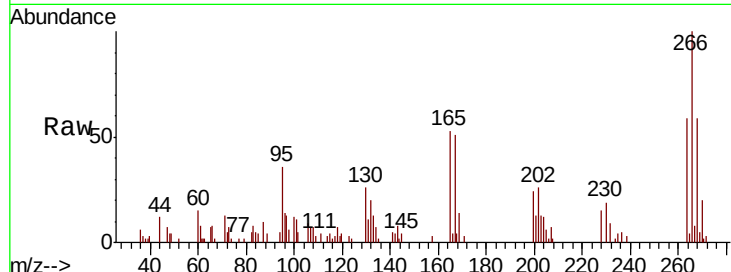
#69  
 Pentachlorophenol  
 Concen: 7.047 ng/ul  
 RT: 16.69 min Scan# 2373  
 Delta R.T. -0.01 min  
 Lab File: BM026928.D  
 Acq: 29 Jul 2020 16:25

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-WATER-01

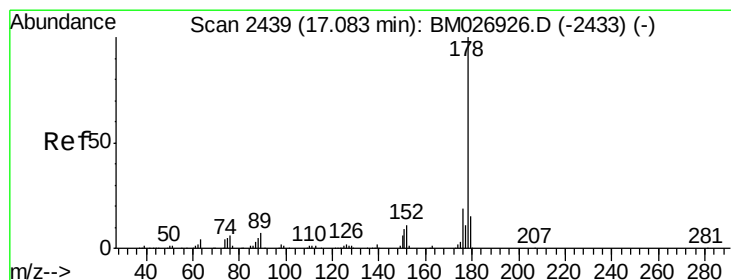
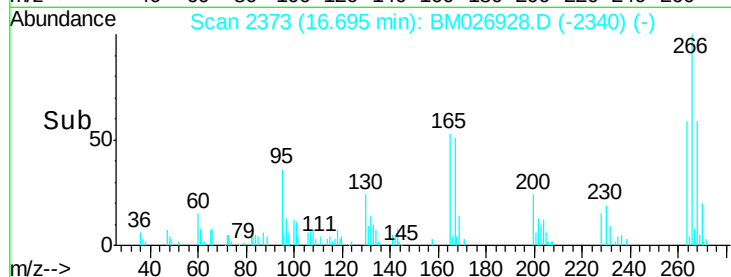
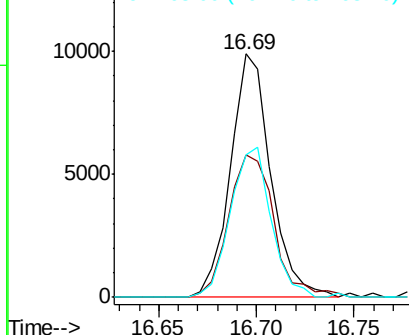
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 264     | 58.6  | 49.3  | 73.9  |
| 268     | 58.7  | 50.5  | 75.7  |

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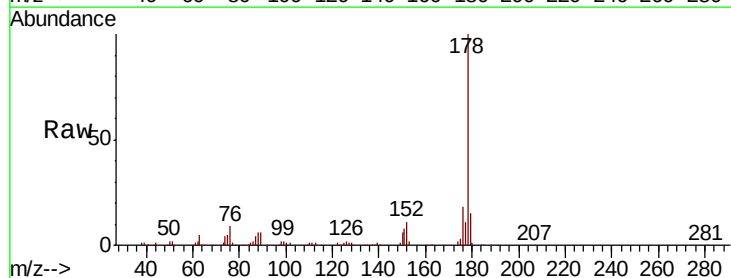


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 264.00 (263.70 to 264.70): E  
 Ion 268.00 (267.70 to 268.70): E

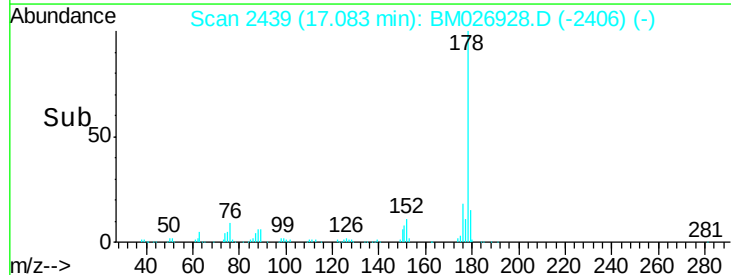
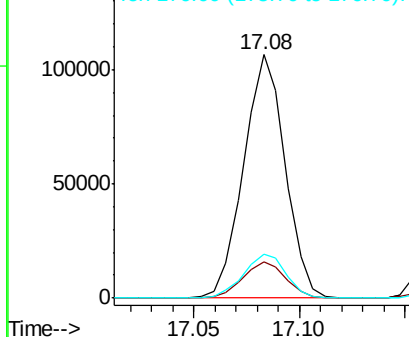


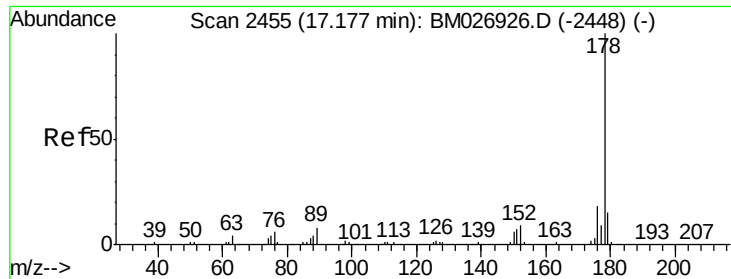
#70  
 Phenanthrene  
 Concen: 7.857 ng/ul  
 RT: 17.08 min Scan# 2439  
 Delta R.T. -0.01 min  
 Lab File: BM026928.D  
 Acq: 29 Jul 2020 16:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 179     | 14.7  | 12.0  | 18.0  |
| 176     | 18.3  | 14.7  | 22.1  |



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





#72

Anthracene

Concen: 7.724 ng/uL

RT: 17.18 min Scan# 2455

Delta R.T. -0.00 min

Lab File: BM026928.D

Acq: 29 Jul 2020 16:25

Instrument :

BNA\_M

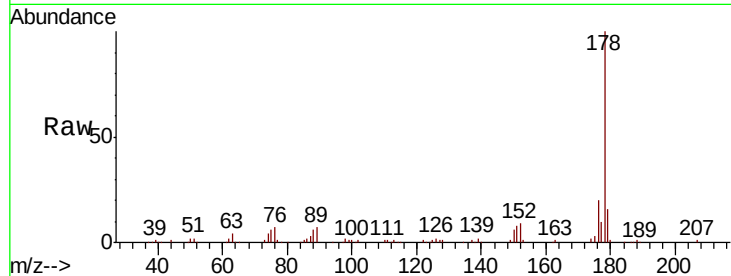
ClientSampled :

MDL-WATER-01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 178   | Resp: | 146541 |
| Ion Ratio | Lower | Upper |        |
| 178       | 100   |       |        |
| 179       | 16.2  | 11.8  | 17.6   |
| 176       | 19.8  | 15.0  | 22.6   |

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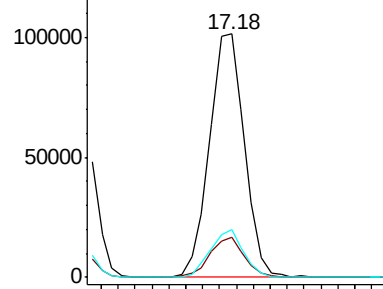
mohammad  
7/30/2020 3:32:38 PM



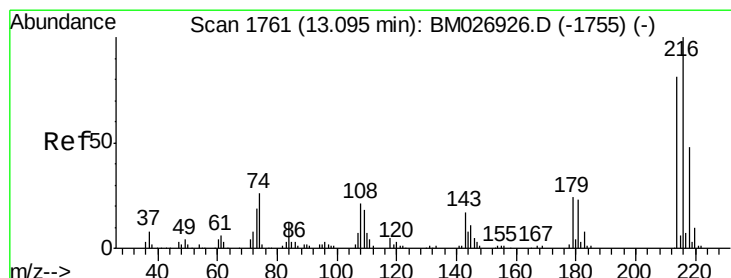
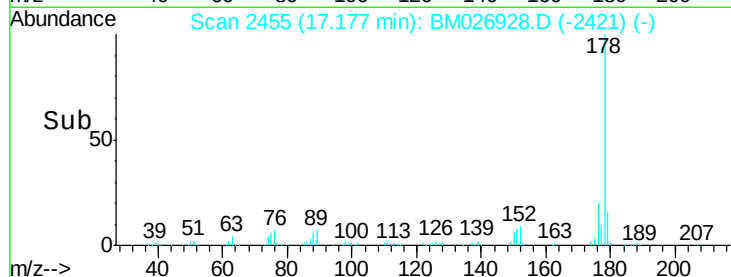
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->



#73

1,2,3,4-Tetrachlorobenzene

Concen: 7.870 ng/uL

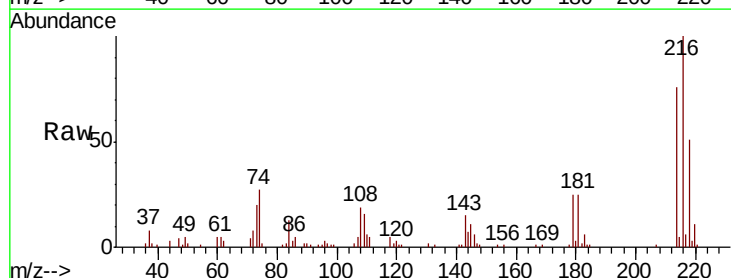
RT: 13.10 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BM026928.D

Acq: 29 Jul 2020 16:25

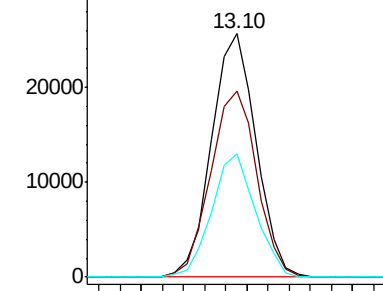
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 216   | Resp: | 37594 |
| Ion Ratio | Lower | Upper |       |
| 216       | 100   |       |       |
| 214       | 76.5  | 62.6  | 94.0  |
| 218       | 50.5  | 38.1  | 57.1  |



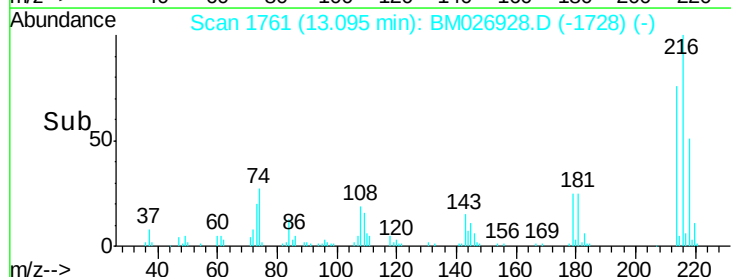
Abundance Ion 216.00 (215.70 to 216.70): E

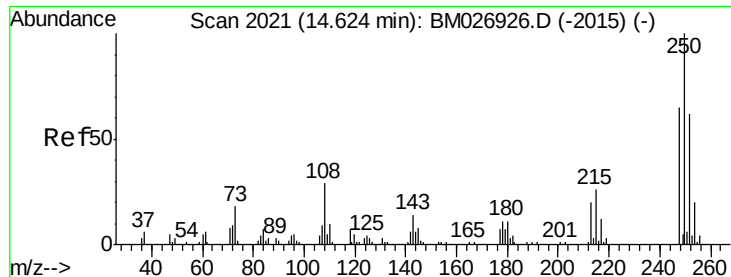
Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E



Time-->





#74

Pentachlorobenzene

Concen: 7.933 ng/uL

RT: 14.62 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BM026928.D

Acq: 29 Jul 2020 16:25

Instrument :

BNA\_M

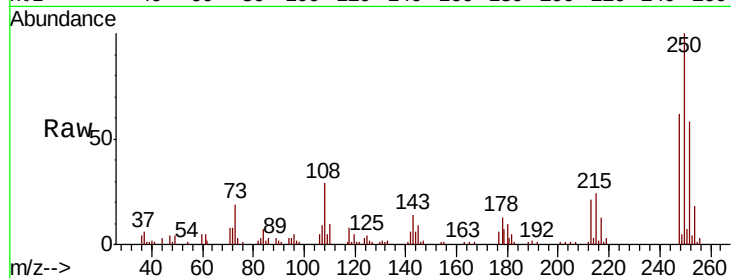
ClientSampleId :

MDL-WATER-01

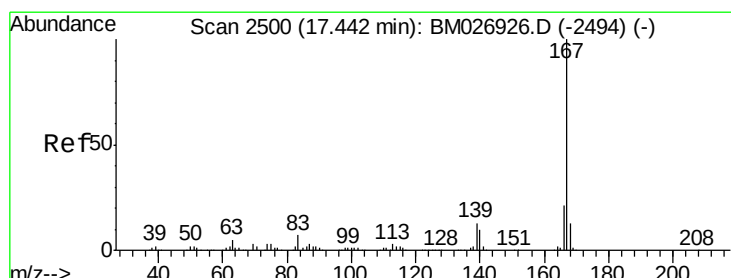
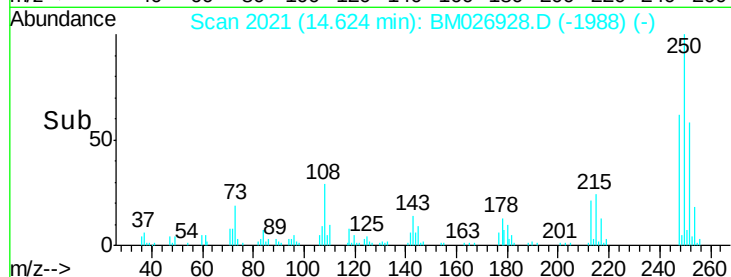
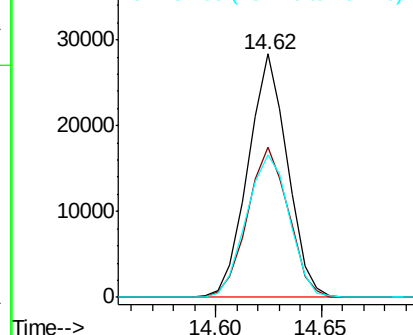
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 250   | Resp: | 36742 |
| Ion Ratio | Lower | Upper |       |
| 250       | 100   |       |       |
| 248       | 61.7  | 49.6  | 74.4  |
| 252       | 58.3  | 51.7  | 77.5  |

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Abundance Ion 250.00 (249.70 to 250.70): E  
Ion 248.00 (247.70 to 248.70): E  
Ion 252.00 (251.70 to 252.70): E



#75

Carbazole

Concen: 7.506 ng/uL

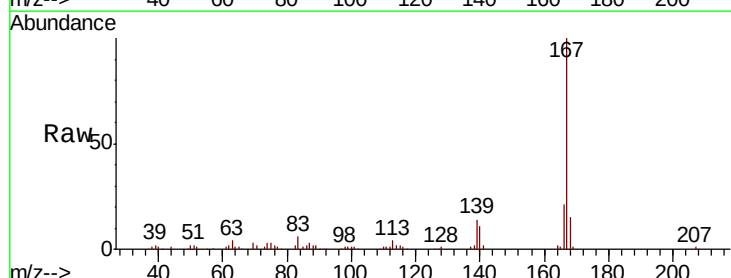
RT: 17.44 min Scan# 2500

Delta R.T. -0.01 min

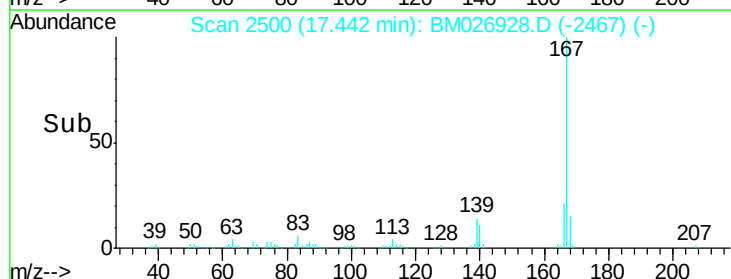
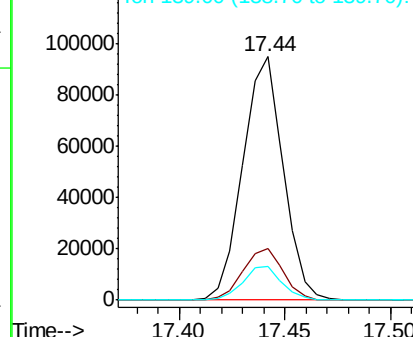
Lab File: BM026928.D

Acq: 29 Jul 2020 16:25

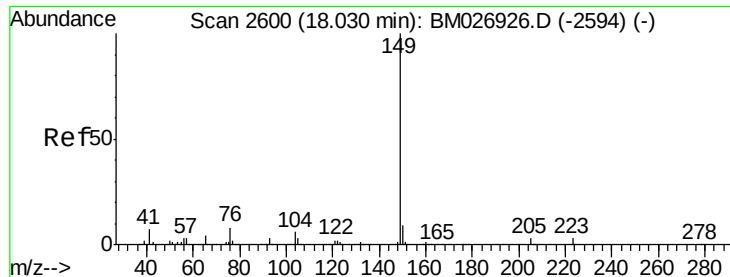
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 167   | Resp: | 125872 |
| Ion Ratio | Lower | Upper |        |
| 167       | 100   |       |        |
| 166       | 21.4  | 17.1  | 25.7   |
| 139       | 14.1  | 10.1  | 15.1   |



Abundance Ion 167.00 (166.70 to 167.70): E  
Ion 166.00 (165.70 to 166.70): E  
Ion 139.00 (138.70 to 139.70): E







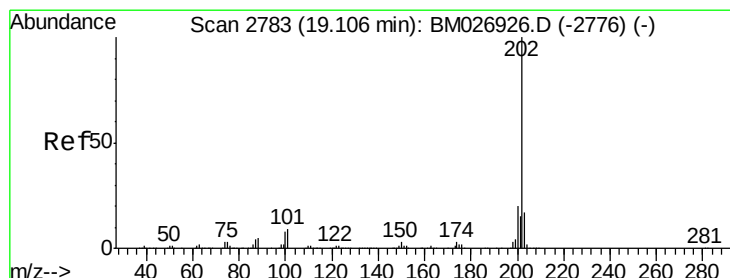
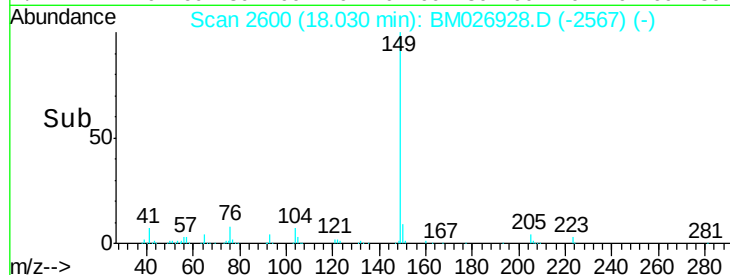
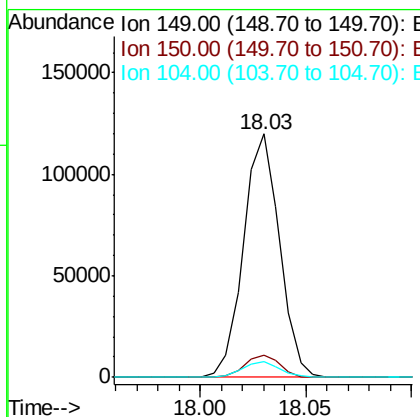
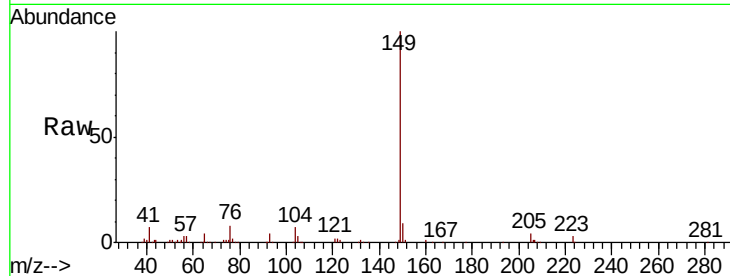
#76  
Di-n-butylphthalate  
Concen: 7.178 ng/ul  
RT: 18.03 min Scan# 2600  
Delta R.T. -0.01 min  
Lab File: BM026928.D  
Acq: 29 Jul 2020 16:25

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 141615 |       |       |
| 150     | 9.2   | 7.6    | 11.4  |       |
| 104     | 6.7   | 4.7    | 7.1   |       |

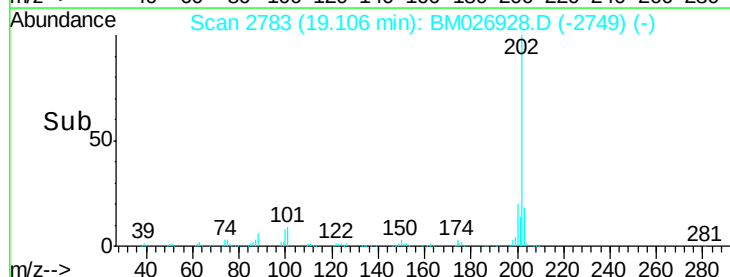
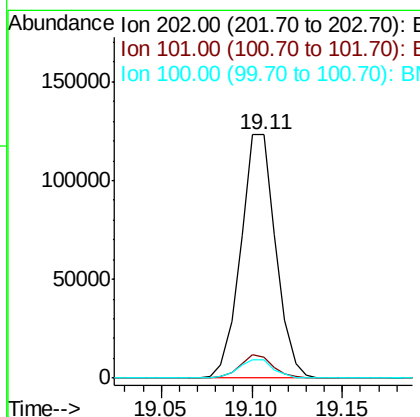
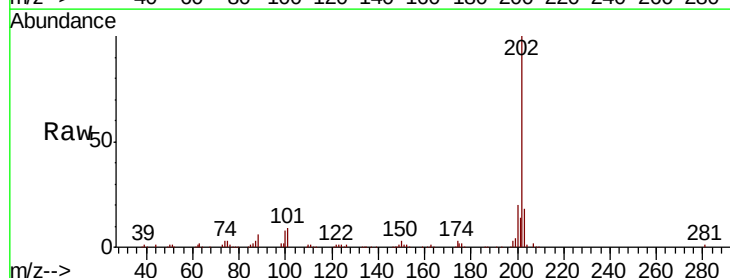
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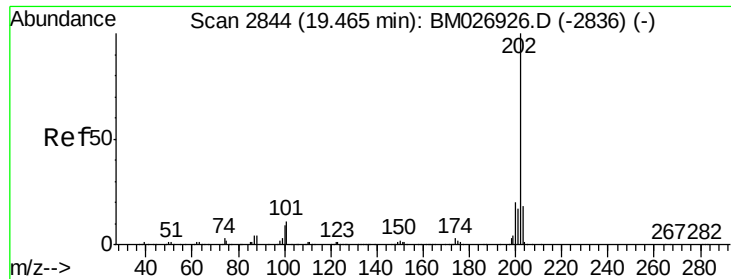
mohammad  
7/30/2020 3:32:38 PM



#77  
Fluoranthene  
Concen: 7.583 ng/ul  
RT: 19.11 min Scan# 2783  
Delta R.T. -0.00 min  
Lab File: BM026928.D  
Acq: 29 Jul 2020 16:25

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 202     | 100   | 165267 |       |       |
| 101     | 8.6   | 7.7    | 11.5  |       |
| 100     | 7.6   | 6.2    | 9.4   |       |





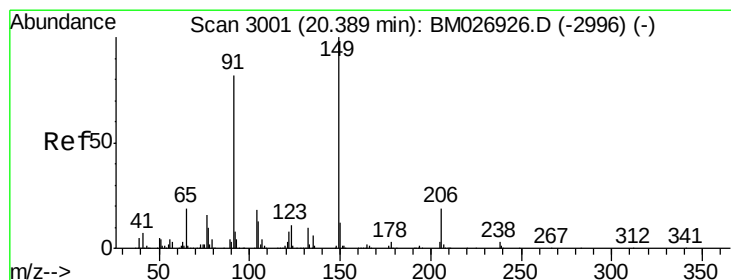
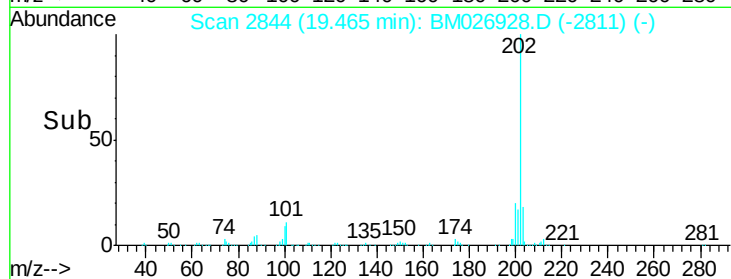
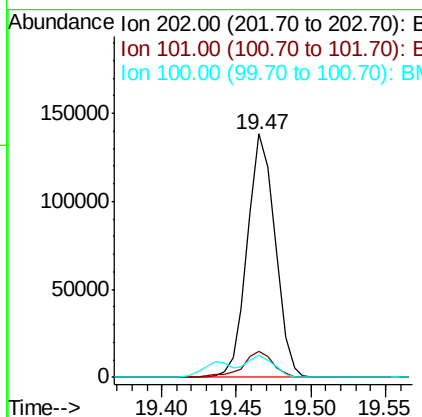
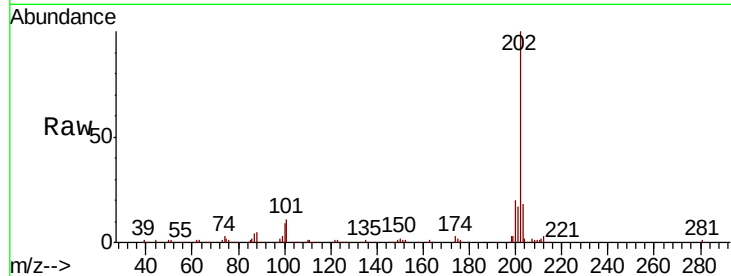
#80  
Pvrene  
Concen: 7.548 ng/ul  
RT: 19.47 min Scan# 2844  
Delta R.T. -0.01 min  
Lab File: BM026928.D  
Acq: 29 Jul 2020 16:25

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 202   | Resp: | 178232 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 10.5  | 9.4   | 14.2   |
| 100       | 8.9   | 8.2   | 12.4   |

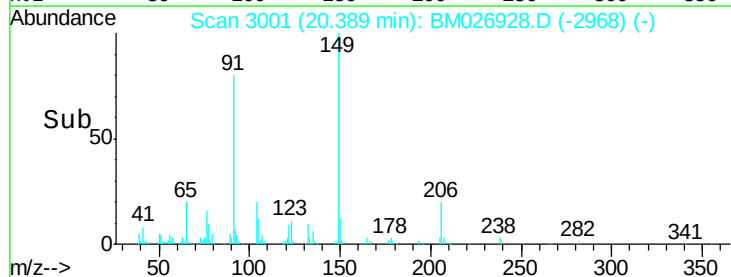
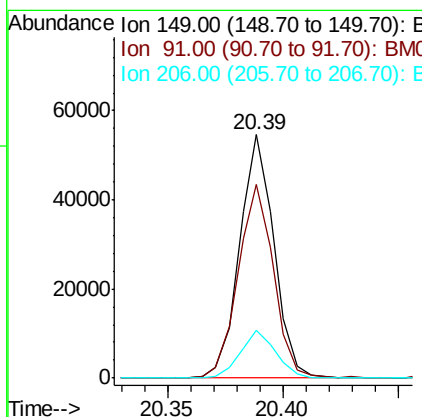
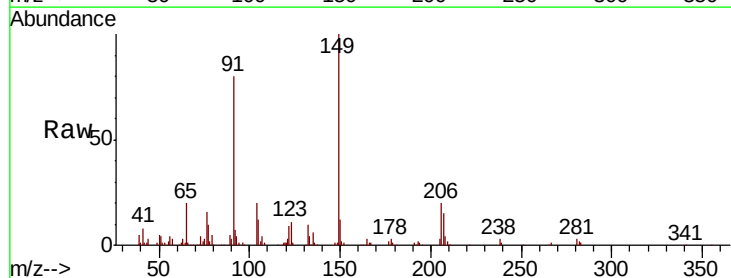
Manual Integrations  
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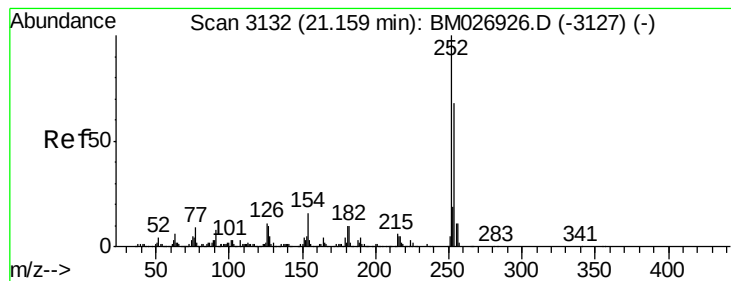
mohammad  
7/30/2020 3:32:38 PM



#81  
Butylbenzylphthalate  
Concen: 6.446 ng/ul  
RT: 20.39 min Scan# 3001  
Delta R.T. -0.01 min  
Lab File: BM026928.D  
Acq: 29 Jul 2020 16:25

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 149   | Resp: | 56602 |
| Ion Ratio | Lower | Upper |       |
| 149       | 100   |       |       |
| 91        | 79.8  | 64.2  | 96.2  |
| 206       | 19.7  | 15.8  | 23.6  |





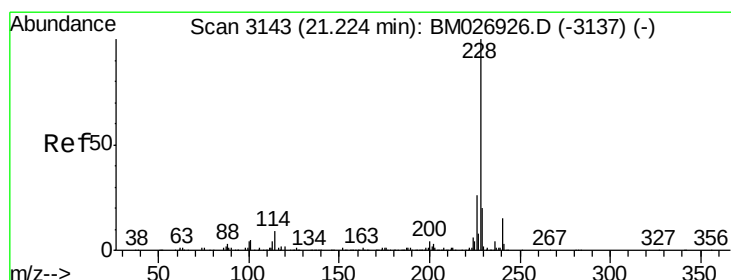
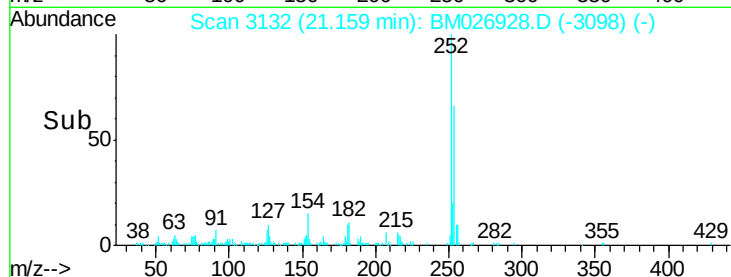
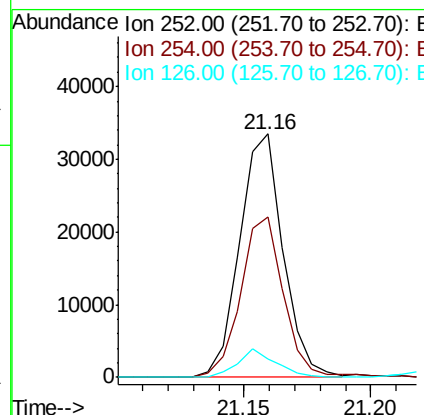
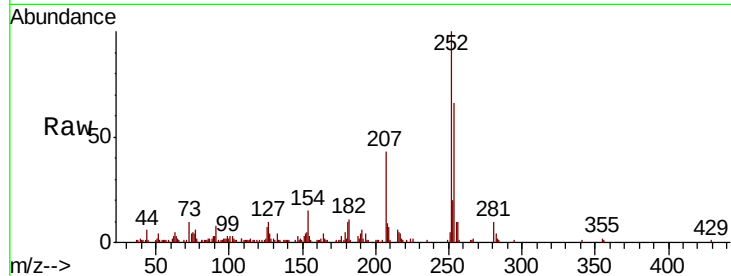
#82  
 3,3'-Dichlorobenzidine  
 Concen: 5.199 ng/ul  
 RT: 21.16 min Scan# 3132  
 Delta R.T. -0.00 min  
 Lab File: BM026928.D  
 Acq: 29 Jul 2020 16:25

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-WATER-01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 65.8  | 51.4  | 77.2  |
| 126     | 7.3   | 8.7   | 13.1# |

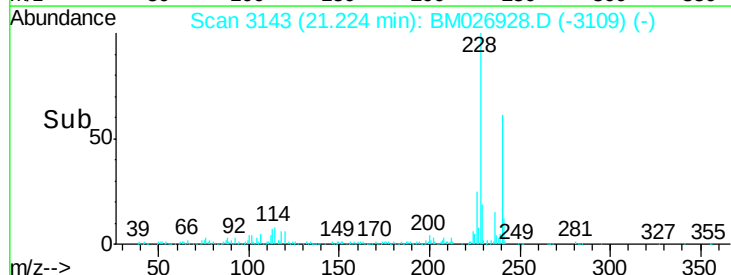
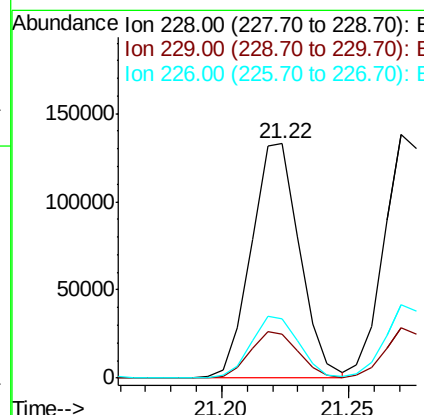
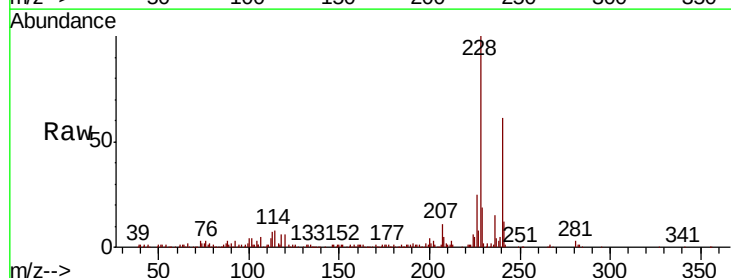
Manual Integrations  
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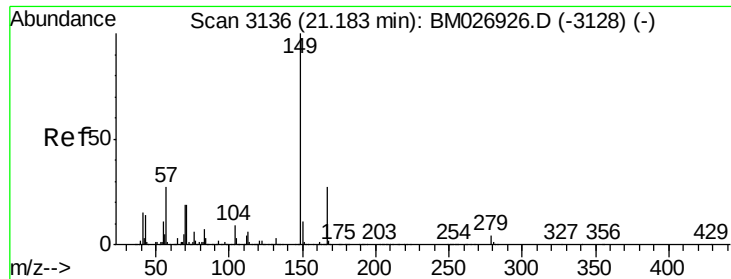
mohammad  
 7/30/2020 3:32:38 PM



#83  
 Benzo(a)anthracene  
 Concen: 7.866 ng/ul  
 RT: 21.22 min Scan# 3143  
 Delta R.T. -0.00 min  
 Lab File: BM026928.D  
 Acq: 29 Jul 2020 16:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 229     | 18.6  | 15.4  | 23.2  |
| 226     | 25.4  | 20.9  | 31.3  |





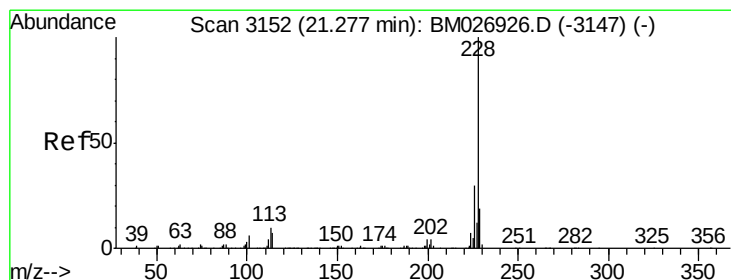
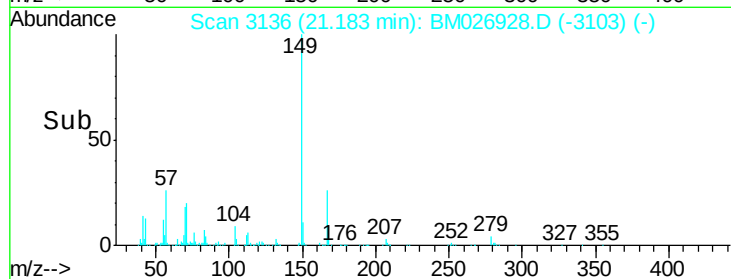
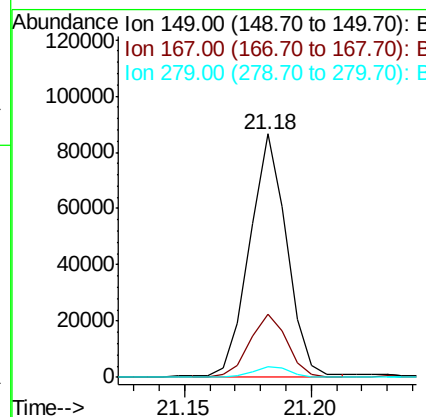
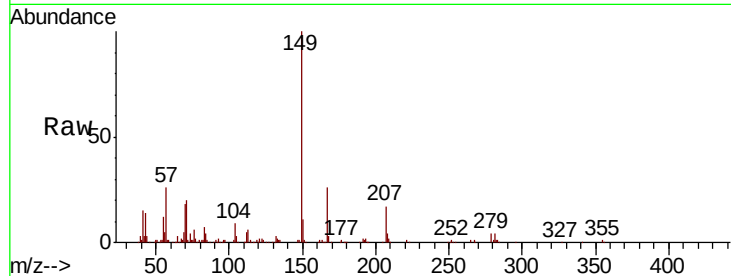
#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 6.743 ng/ul  
 RT: 21.18 min Scan# 3136  
 Delta R.T. -0.01 min  
 Lab File: BM026928.D  
 Acq: 29 Jul 2020 16:25

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-WATER-01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 26.0  | 20.6  | 31.0  |
| 279     | 4.3   | 3.0   | 4.6   |

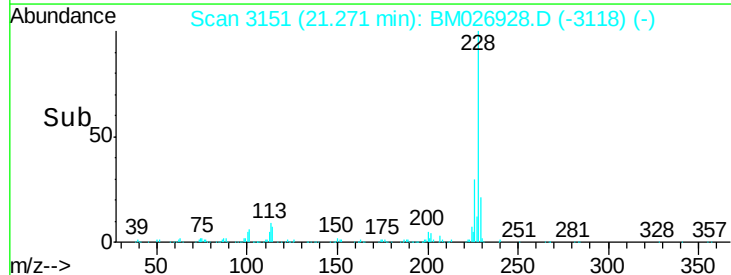
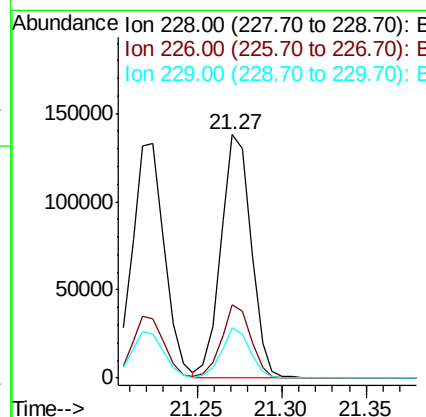
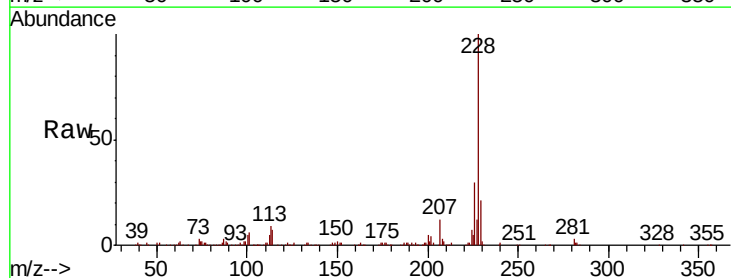
Manual Integrations  
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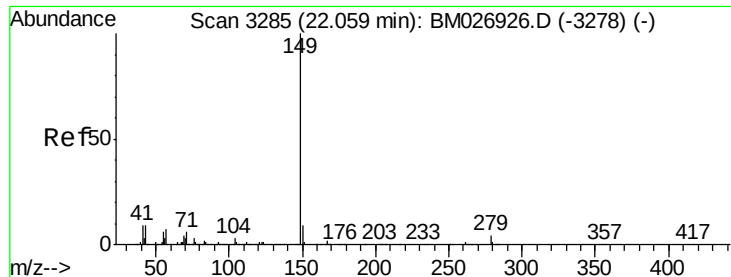
mohammad  
 7/30/2020 3:32:38 PM



#85  
 Chrysene  
 Concen: 7.915 ng/ul  
 RT: 21.27 min Scan# 3151  
 Delta R.T. -0.01 min  
 Lab File: BM026928.D  
 Acq: 29 Jul 2020 16:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.9  | 23.2  | 34.8  |
| 229     | 20.7  | 15.5  | 23.3  |





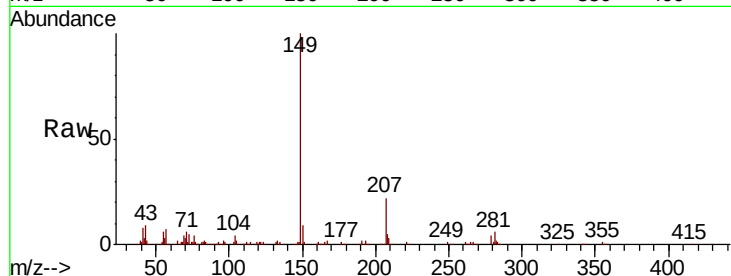
#87  
Di-n-octyl phthalate  
Concen: 5.936 ng/ul  
RT: 22.06 min Scan# 3285  
Delta R.T. -0.01 min  
Lab File: BM026928.D  
Acq: 29 Jul 2020 16:25

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-01

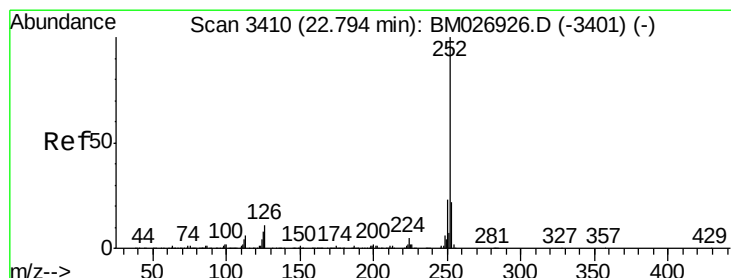
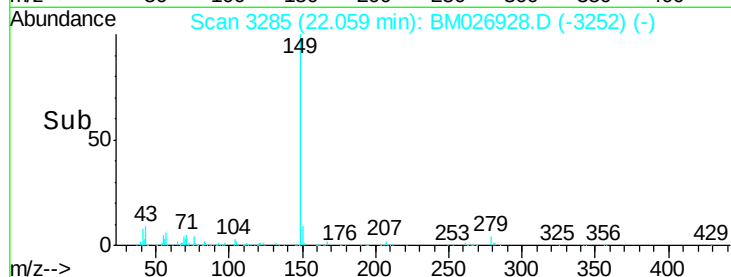
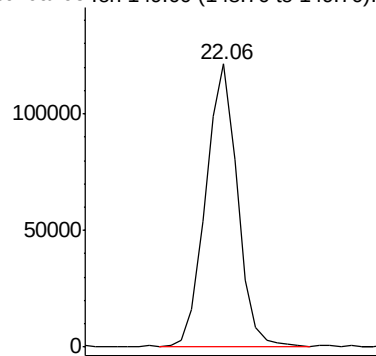
Tgt Ion:149 Resp: 145885

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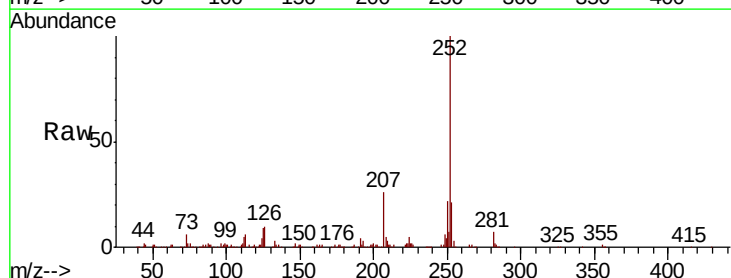


Abundance Ion 149.00 (148.70 to 149.70): E

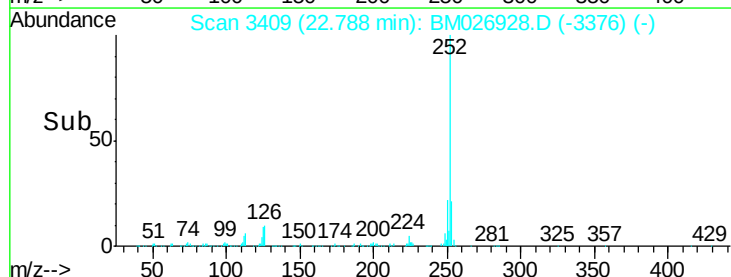
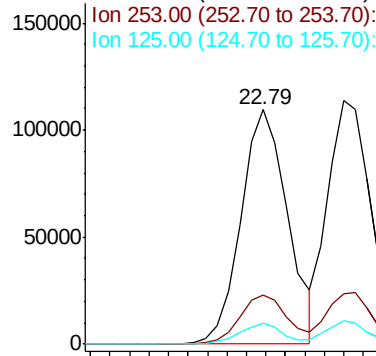


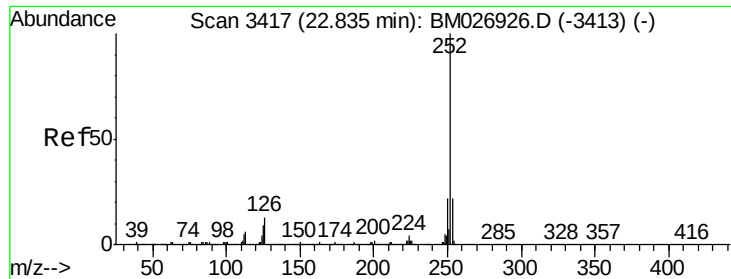
#88  
Benzo(b)fluoranthene  
Concen: 7.598 ng/ul  
RT: 22.79 min Scan# 3409  
Delta R.T. -0.01 min  
Lab File: BM026928.D  
Acq: 29 Jul 2020 16:25

Tgt Ion:252 Resp: 181822  
Ion Ratio Lower Upper  
252 100  
253 21.1 17.6 26.4  
125 8.7 6.6 10.0



Abundance Ion 252.00 (251.70 to 252.70): E





#89

Benzo(k)fluoranthene

Concen: 7.639 ng/ul

RT: 22.83 min Scan# 3416

Delta R.T. -0.01 min

Lab File: BM026928.D

Acq: 29 Jul 2020 16:25

Instrument :

BNA\_M

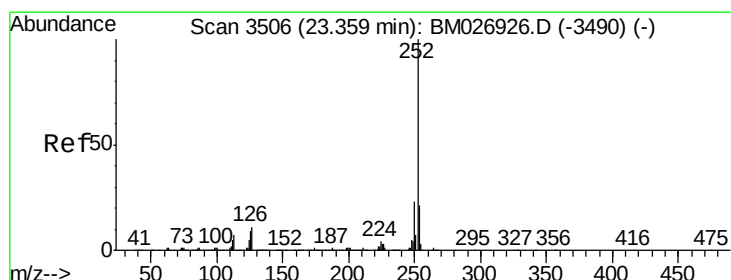
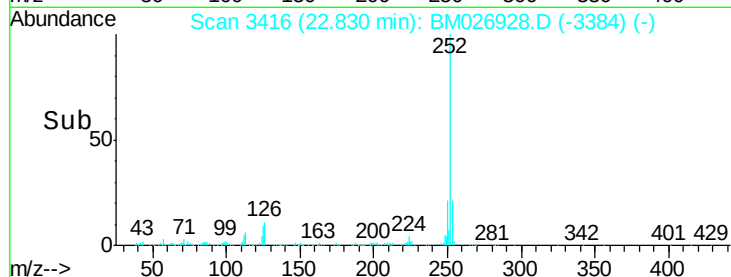
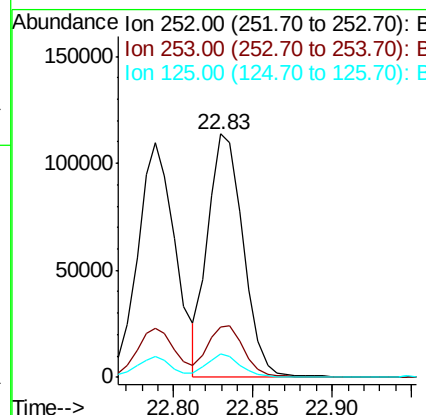
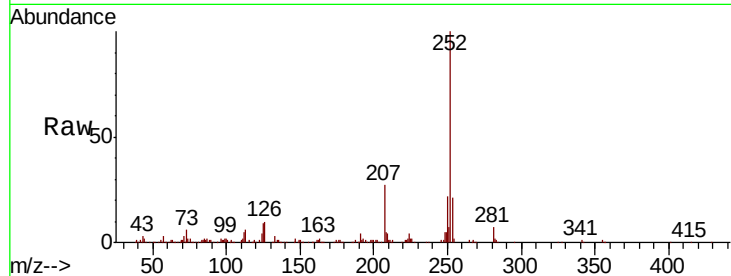
ClientSampleId :

MDL-WATER-01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 175409 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 20.9  | 17.4  | 26.2   |
| 125       | 9.4   | 7.3   | 10.9   |

Manual Integrations  
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7/30/2020 3:32:38 PM



#91

Benzo(a)pyrene

Concen: 7.739 ng/ul

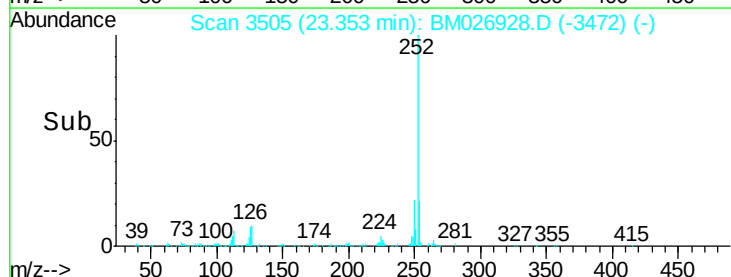
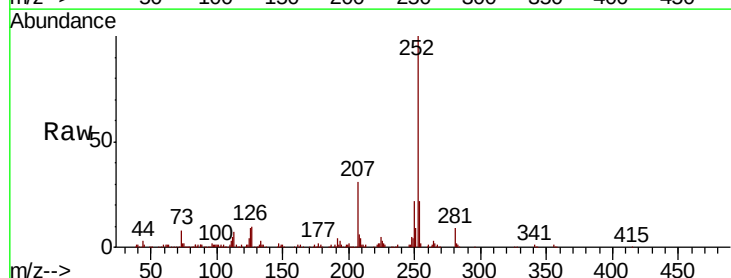
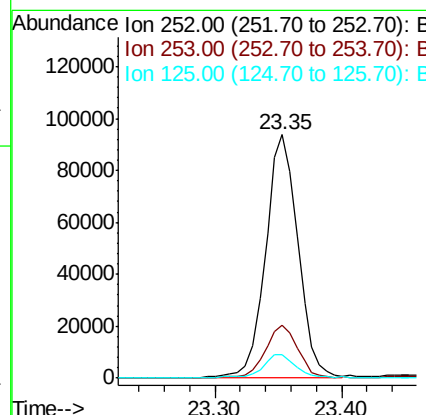
RT: 23.35 min Scan# 3505

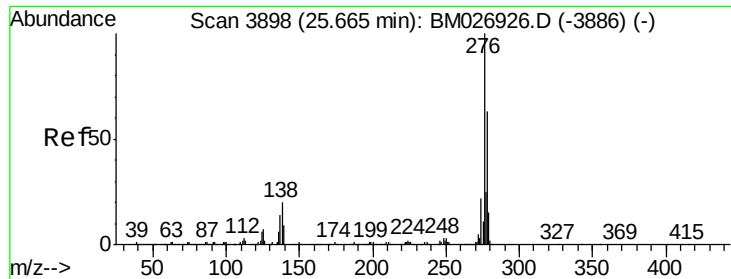
Delta R.T. -0.01 min

Lab File: BM026928.D

Acq: 29 Jul 2020 16:25

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 167106 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 21.6  | 17.7  | 26.5   |
| 125       | 9.4   | 8.2   | 12.2   |





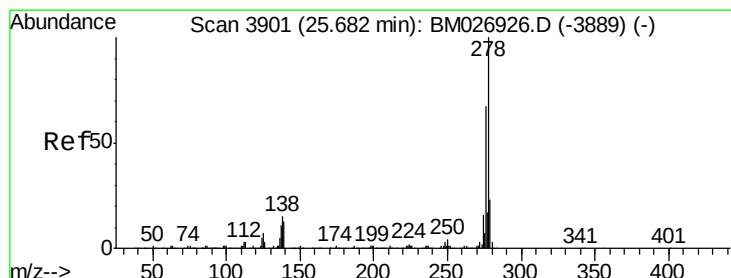
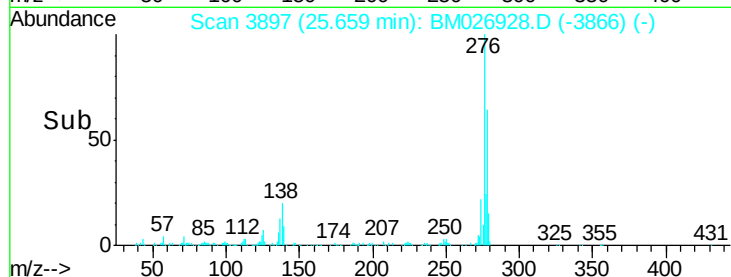
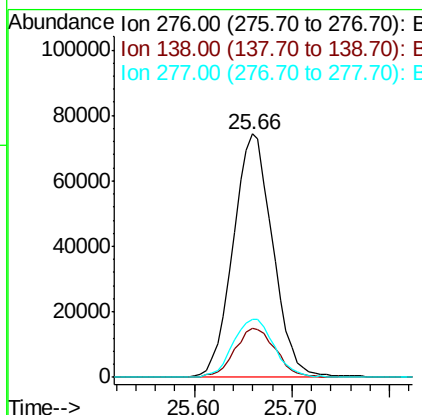
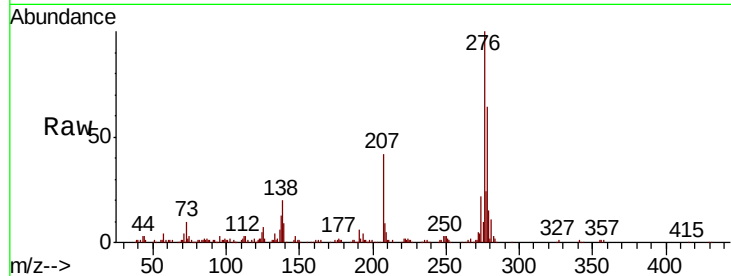
#92  
 Indeno(1,2,3-cd)pyrene  
 Concen: 7.823 ng/ul  
 RT: 25.66 min Scan# 3897  
 Delta R.T. -0.02 min  
 Lab File: BM026928.D  
 Acq: 29 Jul 2020 16:25

Instrument :  
 BNA\_M  
 ClientSampleID :  
 MDL-WATER-01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 276   | Resp: | 209558 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 138       | 20.1  | 17.0  | 25.4   |
| 277       | 23.6  | 20.6  | 30.8   |

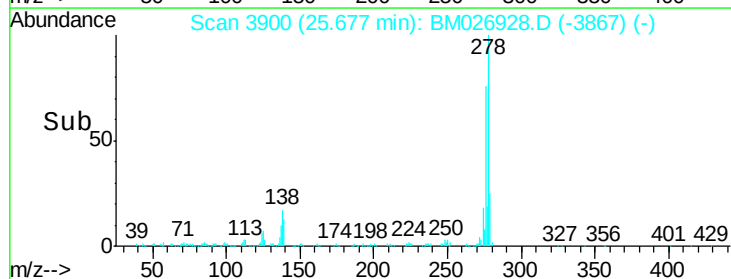
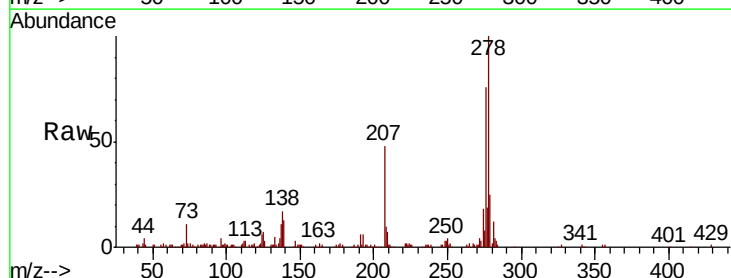
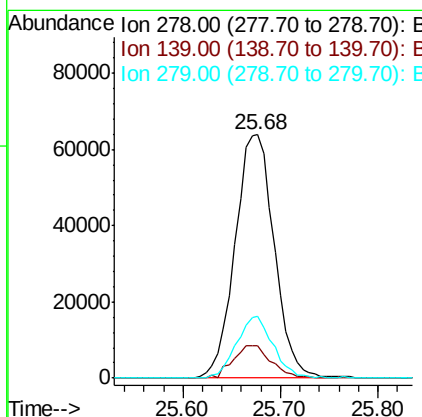
Manual Integrations  
 APPROVED

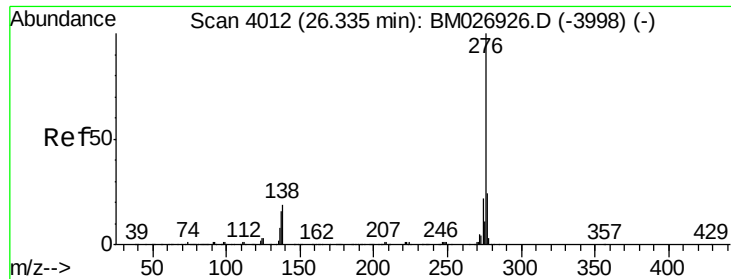
mohammad  
 7/30/2020 3:32:38 PM



#93  
 Dibenzo(a,h)anthracene  
 Concen: 7.870 ng/ul  
 RT: 25.68 min Scan# 3900  
 Delta R.T. -0.01 min  
 Lab File: BM026928.D  
 Acq: 29 Jul 2020 16:25

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 278   | Resp: | 178298 |
| Ion Ratio | Lower | Upper |        |
| 278       | 100   |       |        |
| 139       | 13.2  | 10.9  | 16.3   |
| 279       | 25.4  | 19.4  | 29.2   |





#94  
 Benzo(a,h,i)perylene  
 Concen: 7.901 ng/ul  
 RT: 26.33 min Scan# 4011  
 Delta R.T. -0.02 min  
 Lab File: BM026928.D  
 Acq: 29 Jul 2020 16:25

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-WATER-01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 276   | Resp: | 175006 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 138       | 17.7  | 14.9  | 22.3   |
| 277       | 22.7  | 19.1  | 28.7   |

Manual Integrations  
 APPROVED

mohammad  
 7/30/2020 3:32:38 PM

