

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP112224\  
 Data File : BP023303.D  
 Acq On : 22 Nov 2024 14:42  
 Operator : RC/JU  
 Sample : P4776-01  
 Misc : MDL-WATER-QT4-2024  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 MDL-WATER-QT4-2024-07

Quant Time: Nov 22 15:48:05 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP110924.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Nov 20 04:34:35 2024  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Jagrut  
 Upadhyay

11/25/2024  
 Supervised By :mohammad  
 ahmed

| Compound                  | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|---------------------------|--------|------|----------|--------|-------|----------|
| -----                     |        |      |          |        |       |          |
| Internal Standards        |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4 | 7.564  | 152  | 89699    | 20.000 | ng/u1 | 0.00     |
| 20) Naphthalene-d8        | 10.305 | 136  | 331594   | 20.000 | ng/u1 | -0.01    |
| 38) Acenaphthene-d10      | 14.175 | 164  | 246114   | 20.000 | ng/u1 | -0.01    |
| 64) Phenanthrene-d10      | 16.987 | 188  | 599453   | 20.000 | ng/u1 | #-0.01   |
| 79) Chrysene-d12          | 21.433 | 240  | 730066   | 20.000 | ng/u1 | 0.01     |
| 88) Perylene-d12          | 24.669 | 264  | 803426   | 20.000 | ng/u1 | 0.04     |

|                               |        |     |         |        |       |       |
|-------------------------------|--------|-----|---------|--------|-------|-------|
| System Monitoring Compounds   |        |     |         |        |       |       |
| 3) 1,4-Dioxane-d8             | 3.134  | 96  | 7286    | 3.904  | ng/uL | 0.00  |
| 4) Pyridine-d5                | 3.552  | 84  | 66751   | 12.040 | ng/u1 | 0.00  |
| 7) Phenol-d5                  | 6.775  | 99  | 85153   | 12.840 | ng/u1 | 0.00  |
| 9) Bis-(2-Chloroethyl)eth...  | 6.911  | 67  | 54691   | 14.037 | ng/u1 | 0.00  |
| 11) 2-Chlorophenol-d4         | 7.111  | 132 | 64958   | 13.374 | ng/u1 | 0.00  |
| 15) 4-Methylphenol-d8         | 8.281  | 113 | 64538   | 11.826 | ng/u1 | 0.00  |
| 21) Nitrobenzene-d5           | 8.711  | 128 | 31174   | 13.504 | ng/u1 | 0.00  |
| 24) 2-Nitrophenol-d4          | 9.416  | 143 | 35365   | 12.850 | ng/u1 | 0.00  |
| 28) 2,4-Dichlorophenol-d3     | 9.969  | 165 | 69563   | 12.070 | ng/u1 | 0.00  |
| 31) 4-Chloroaniline-d4        | 10.475 | 131 | 81588   | 11.866 | ng/u1 | 0.00  |
| 46) Dimethylphthalate-d6      | 13.599 | 166 | 245198  | 13.823 | ng/u1 | 0.01  |
| 49) Acenaphthylene-d8         | 13.869 | 160 | 253396  | 13.691 | ng/u1 | 0.00  |
| 54) 4-Nitrophenol-d4          | 14.504 | 143 | 33460m  | 12.552 | ng/u1 | 0.05  |
| 60) Fluorene-d10              | 15.187 | 176 | 211748  | 13.616 | ng/u1 | -0.02 |
| 65) 4,6-Dinitro-2-methylph... | 15.363 | 200 | 31856   | 8.871  | ng/u1 | 0.01  |
| 73) Anthracene-d10            | 17.092 | 188 | 339587m | 13.379 | ng/u1 | 0.00  |
| 81) Pyrene-d10                | 19.486 | 212 | 455119  | 13.534 | ng/u1 | 0.00  |
| 92) Benzo(a)pyrene-d12        | 24.445 | 264 | 539573  | 14.099 | ng/u1 | 0.02  |

|                               |        |     |       |        |        |    |
|-------------------------------|--------|-----|-------|--------|--------|----|
| Target Compounds              |        |     |       | Qvalue |        |    |
| 2) 1,4-Dioxane                | 3.170  | 88  | 2568m | 1.191  | ng/uL  |    |
| 5) Pyridine                   | 3.575  | 79  | 22020 | 3.955  | ng/u1# | 85 |
| 6) Benzaldehyde               | 6.752  | 77  | 18426 | 4.828  | ng/u1  | 95 |
| 8) Phenol                     | 6.799  | 94  | 27352 | 3.950  | ng/u1  | 95 |
| 10) Bis(2-Chloroethyl)ether   | 7.005  | 93  | 24212 | 4.653  | ng/u1  | 95 |
| 12) 2-Chlorophenol            | 7.146  | 128 | 22284 | 4.419  | ng/u1  | 94 |
| 13) 2-Methylphenol            | 8.022  | 108 | 20091 | 3.887  | ng/u1  | 97 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.069  | 45  | 28814 | 4.891  | ng/u1  | 98 |
| 16) Acetophenone              | 8.387  | 105 | 37822 | 4.124  | ng/u1  | 98 |
| 17) N-Nitroso-di-n-propyla... | 8.358  | 70  | 19890 | 4.344  | ng/u1  | 98 |
| 18) 4-Methylphenol            | 8.352  | 108 | 21027 | 3.683  | ng/u1  | 99 |
| 19) Hexachloroethane          | 8.599  | 117 | 10520 | 4.314  | ng/u1  | 86 |
| 22) Nitrobenzene              | 8.752  | 77  | 29724 | 4.487  | ng/u1  | 94 |
| 23) Isophorone                | 9.263  | 82  | 51573 | 4.354  | ng/u1  | 99 |
| 25) 2-Nitrophenol             | 9.452  | 139 | 12484 | 4.298  | ng/u1# | 86 |
| 26) 2,4-Dimethylphenol        | 9.528  | 107 | 23577 | 3.759  | ng/u1  | 99 |
| 27) Bis(2-Chloroethoxy)met... | 9.740  | 93  | 29871 | 4.584  | ng/u1  | 98 |
| 29) 2,4-Dichlorophenol        | 10.005 | 162 | 22016 | 3.857  | ng/u1  | 93 |
| 30) Naphthalene               | 10.352 | 128 | 73780 | 4.580  | ng/u1  | 97 |
| 32) 4-Chloroaniline           | 10.493 | 127 | 26845 | 4.030  | ng/u1  | 92 |
| 33) Hexachlorobutadiene       | 10.622 | 225 | 22124 | 4.283  | ng/u1  | 99 |
| 34) Caprolactam               | 11.305 | 113 | 7275m | 4.284  | ng/u1  |    |
| 35) 4-Chloro-3-methylphenol   | 11.646 | 107 | 23777 | 3.872  | ng/u1  | 91 |
| 36) 2-Methylnaphthalene       | 11.975 | 142 | 50811 | 4.178  | ng/u1  | 99 |

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 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Nov 20 04:34:35 2024  
 Response via : Initial Calibration

### Manual Integrations APPROVED

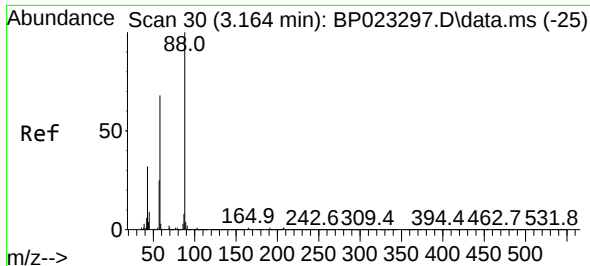
Reviewed By :Jagrut  
 Upadhyay

11/25/2024  
 Supervised By :mohammad  
 ahmed

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| 37) 1-Methylnaphthalene       | 12.199 | 142  | 47827    | 3.847 | ng/ul# | 100      |
| 39) 1,2,4,5-Tetrachloroben... | 12.352 | 216  | 38180    | 4.595 | ng/ul  | 96       |
| 40) Hexachlorocyclopentadiene | 12.310 | 237  | 19123    | 4.382 | ng/ul  | 96       |
| 41) 2,4,6-Trichlorophenol     | 12.622 | 196  | 19407    | 3.836 | ng/ul  | 96       |
| 42) 2,4,5-Trichlorophenol     | 12.722 | 196  | 21603    | 3.961 | ng/ul  | 98       |
| 43) 1,1'-Biphenyl             | 12.999 | 154  | 73983    | 4.691 | ng/ul  | 100      |
| 44) 2-Chloronaphthalene       | 13.046 | 162  | 59413    | 4.609 | ng/ul  | 97       |
| 45) 2-Nitroaniline            | 13.304 | 65   | 12134    | 3.352 | ng/ul  | 92       |
| 47) Dimethylphthalate         | 13.646 | 163  | 79575    | 4.549 | ng/ul  | 99       |
| 48) 2,6-Dinitrotoluene        | 13.775 | 165  | 13779    | 4.049 | ng/ul  | 93       |
| 50) Acenaphthylene            | 13.898 | 152  | 89254    | 4.771 | ng/ul  | 97       |
| 51) 3-Nitroaniline            | 14.140 | 138  | 11526m   | 3.933 | ng/ul  |          |
| 52) Acenaphthene              | 14.246 | 153  | 61871    | 4.555 | ng/ul  | 98       |
| 53) 2,4-Dinitrophenol         | 14.381 | 184  | 11651m   | 4.825 | ng/ul  |          |
| 55) 4-Nitrophenol             | 14.510 | 109  | 10172m   | 3.262 | ng/ul  |          |
| 56) Dibenzofuran              | 14.598 | 168  | 92996    | 4.431 | ng/ul  | 98       |
| 57) 2,4-Dinitrotoluene        | 14.610 | 165  | 21010    | 3.874 | ng/ul# | 80       |
| 58) 2,3,4,6-Tetrachlorophenol | 14.840 | 232  | 22116    | 4.148 | ng/ul  | 99       |
| 59) Diethylphthalate          | 15.028 | 149  | 73646    | 4.257 | ng/ul  | 97       |
| 61) Fluorene                  | 15.251 | 166  | 77733    | 4.526 | ng/ul  | 98       |
| 62) 4-Chlorophenyl-phenyle... | 15.251 | 204  | 43862    | 4.337 | ng/ul  | 96       |
| 63) 4-Nitroaniline            | 15.334 | 138  | 10710m   | 3.927 | ng/ul  |          |
| 66) 4,6-Dinitro-2-methylph... | 15.381 | 198  | 14372    | 3.747 | ng/ul# | 77       |
| 67) N-Nitrosodiphenylamine    | 15.475 | 169  | 64706    | 4.671 | ng/ul  | 96       |
| 68) 4-Bromophenyl-phenylether | 16.169 | 248  | 28931    | 4.262 | ng/ul  | 98       |
| 69) Hexachlorobenzene         | 16.281 | 284  | 35797    | 4.189 | ng/ul  | 95       |
| 70) Atrazine                  | 16.463 | 200  | 28261    | 4.221 | ng/ul  | 99       |
| 71) Pentachlorophenol         | 16.657 | 266  | 32654    | 6.155 | ng/ul  | 98       |
| 72) Phenanthrene              | 17.028 | 178  | 132104   | 4.667 | ng/ul  | 99       |
| 74) Anthracene                | 17.134 | 178  | 131915   | 4.636 | ng/ul  | 98       |
| 75) 1,2,3,4-Tetrachloroben... | 12.969 | 216  | 35315    | 4.462 | ng/ul  | 95       |
| 76) Pentachlorobenzene        | 14.510 | 250  | 38044    | 4.210 | ng/ul  | 99       |
| 77) Carbazole                 | 17.434 | 167  | 105532   | 4.251 | ng/ul  | 99       |
| 78) Di-n-butylphthalate       | 17.998 | 149  | 114932   | 4.172 | ng/ul  | 98       |
| 80) Fluoranthene              | 19.134 | 202  | 169902   | 4.386 | ng/ul# | 96       |
| 82) Pyrene                    | 19.516 | 202  | 187460   | 4.504 | ng/ul  | 98       |
| 83) Butylbenzylphthalate      | 20.463 | 149  | 54765    | 3.997 | ng/ul  | 98       |
| 84) 3,3'-Dichlorobenzidine    | 21.351 | 252  | 64816    | 3.955 | ng/ul# | 96       |
| 85) Benzo(a)anthracene        | 21.416 | 228  | 201324   | 4.516 | ng/ul  | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.339 | 149  | 77471    | 3.979 | ng/ul# | 97       |
| 87) Chrysene                  | 21.475 | 228  | 189854   | 4.526 | ng/ul  | 99       |
| 89) Di-n-octyl phthalate      | 22.563 | 149  | 126823   | 3.891 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.645 | 252  | 206921m  | 4.627 | ng/ul  |          |
| 91) Benzo(k)fluoranthene      | 23.716 | 252  | 211443   | 4.803 | ng/ul# | 97       |
| 93) Benzo(a)pyrene            | 24.516 | 252  | 176012   | 4.354 | ng/ul  | 99       |
| 94) Indeno(1,2,3-cd)pyrene    | 28.339 | 276  | 248881m  | 4.419 | ng/ul  |          |
| 95) Dibenzo(a,h)anthracene    | 28.398 | 278  | 204744m  | 4.477 | ng/ul  |          |
| 96) Benzo(g,h,i)perylene      | 29.474 | 276  | 190469m  | 4.452 | ng/ul  |          |

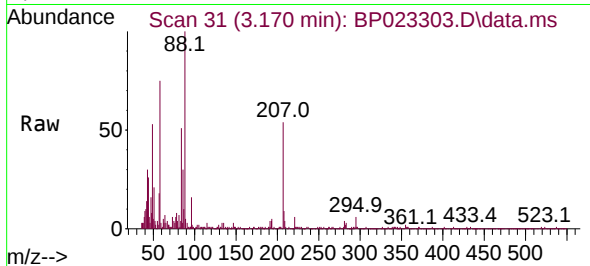
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#2  
1,4-Dioxane  
Concen: 1.191 ng/uL m  
RT: 3.170 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: BP023303.D  
Acq: 22 Nov 2024 14:42

Instrument :  
BNA\_P  
ClientSampleId :  
MDL-WATER-QT4-2024-07



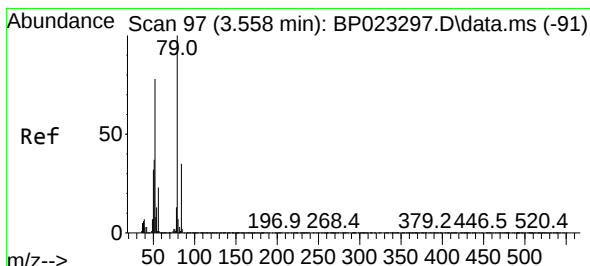
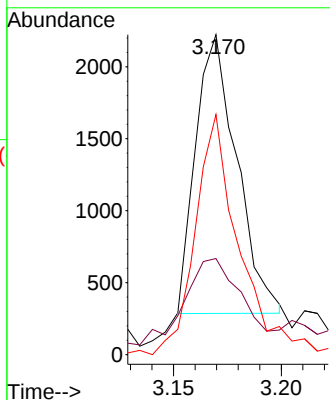
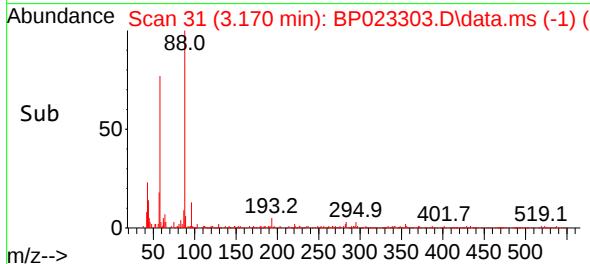
Tgt Ion: 88 Resp: 2568  
Ion Ratio Lower Upper  
88 100  
43 30.0 24.2 36.4  
58 75.0 59.2 88.8

Manual Integrations  
APPROVED

Reviewed By :Jagrut  
Upadhyay

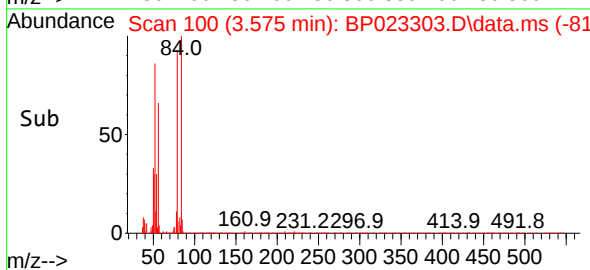
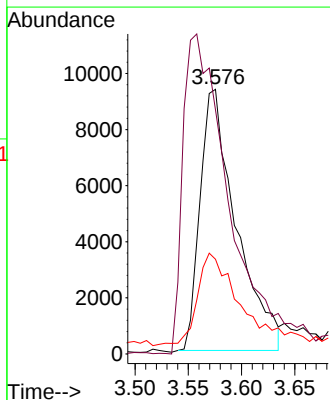
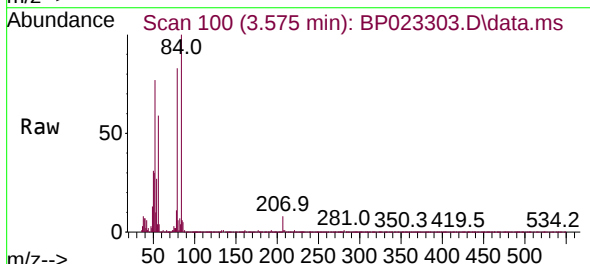
11/25/2024  
Supervised By :mohammad  
ahmed

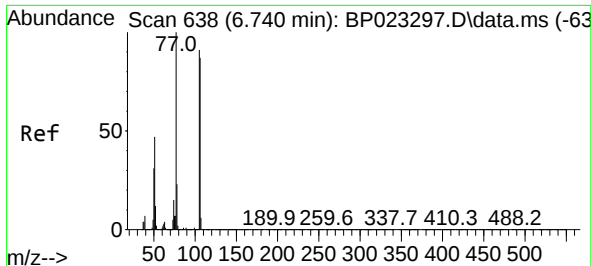
11/27/2024



#5  
Pyridine  
Concen: 3.955 ng/uL  
RT: 3.575 min Scan# 100  
Delta R.T. 0.012 min  
Lab File: BP023303.D  
Acq: 22 Nov 2024 14:42

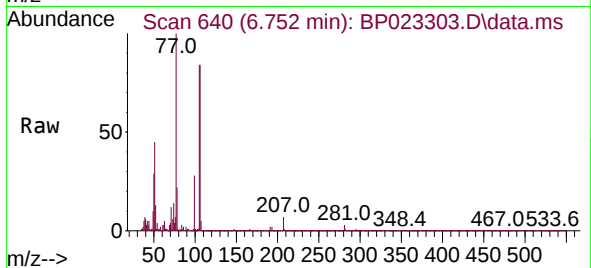
Tgt Ion: 79 Resp: 22020  
Ion Ratio Lower Upper  
79 100  
52 92.2 59.5 89.3#  
51 35.8 30.4 45.6





#6  
Benzaldehyde  
Concen: 4.828 ng/ul  
RT: 6.752 min Scan# 640  
Delta R.T. 0.006 min  
Lab File: BP023303.D  
Acq: 22 Nov 2024 14:42

Instrument :  
BNA\_P  
ClientSampleId :  
MDL-WATER-QT4-2024-07



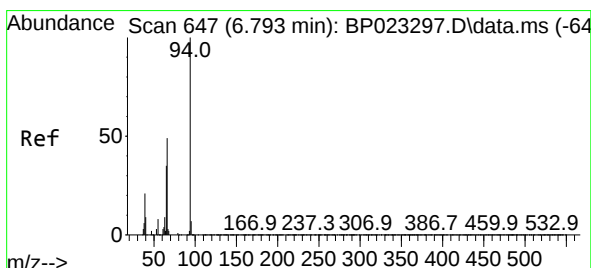
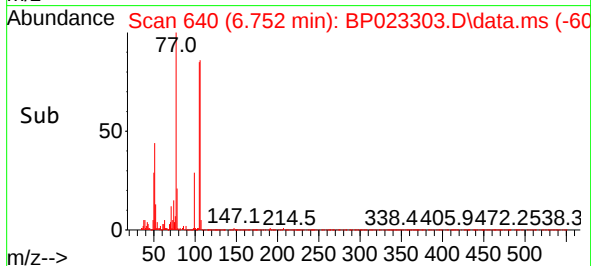
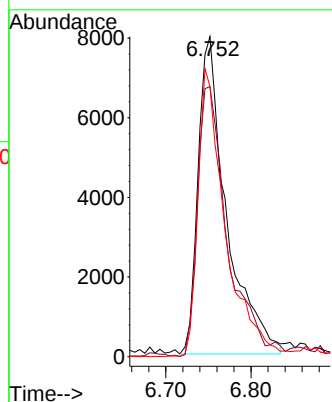
Tgt Ion: 77 Resp: 18420  
Ion Ratio Lower Upper  
77 100  
105 84.4 72.5 108.7  
106 84.5 65.5 98.3

Manual Integrations  
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Upadhyay

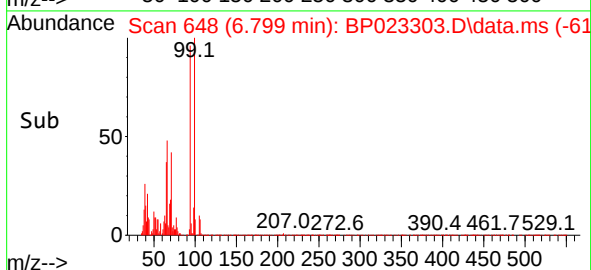
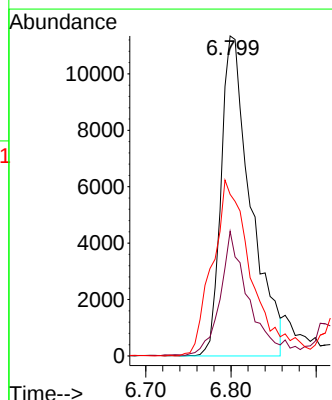
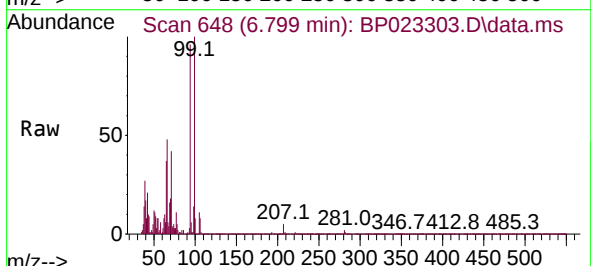
11/25/2024  
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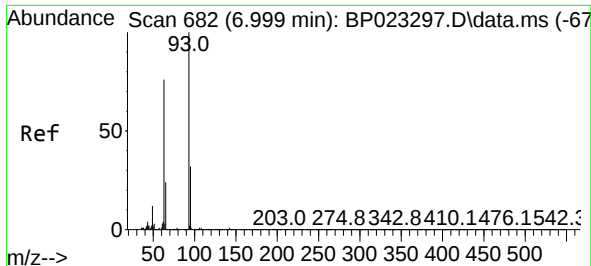
11/27/2024



#8  
Phenol  
Concen: 3.950 ng/ul  
RT: 6.799 min Scan# 648  
Delta R.T. -0.006 min  
Lab File: BP023303.D  
Acq: 22 Nov 2024 14:42

Tgt Ion: 94 Resp: 27352  
Ion Ratio Lower Upper  
94 100  
65 39.0 26.2 39.4  
66 50.5 40.2 60.4





#10  
Bis(2-Chloroethyl)ether  
Concen: 4.653 ng/ul  
RT: 7.005 min Scan# 682  
Delta R.T. -0.006 min  
Lab File: BP023303.D  
Acq: 22 Nov 2024 14:42

Instrument : BNA\_P  
ClientSampleId : MDL-WATER-QT4-2024-07

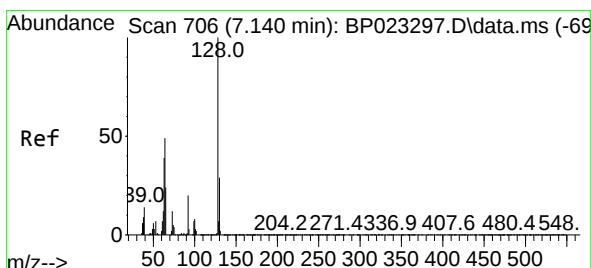
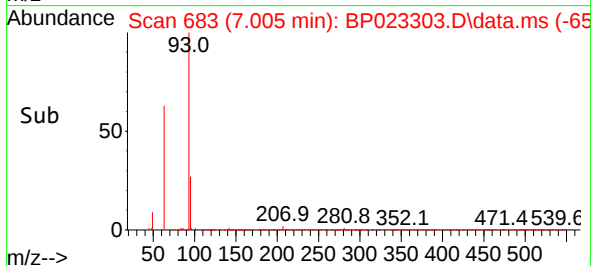
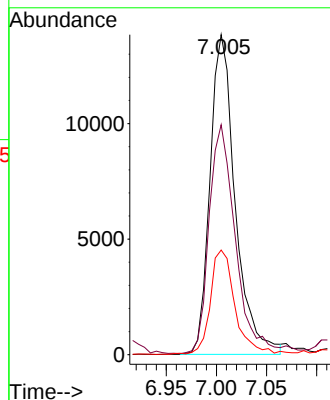
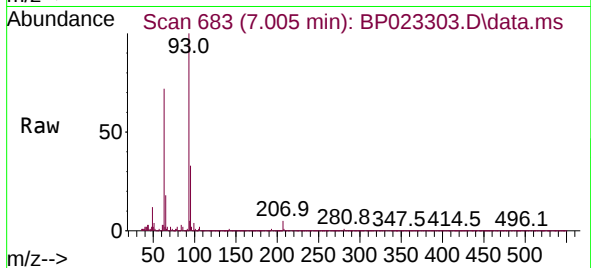
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 71.8  | 60.6  | 91.0  |
| 95      | 32.7  | 29.0  | 43.4  |

Manual Integrations  
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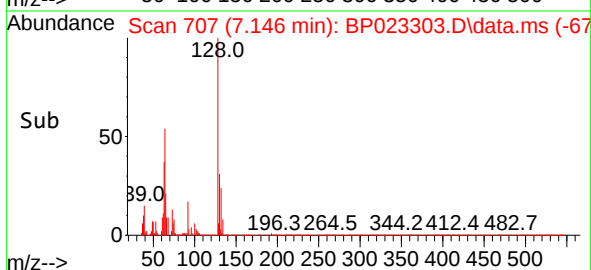
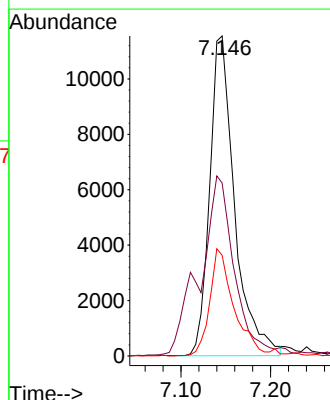
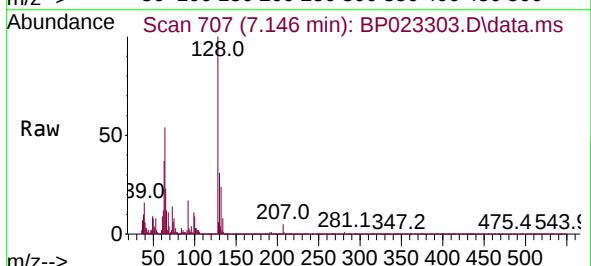
11/25/2024  
Supervised By :mohammad  
ahmed

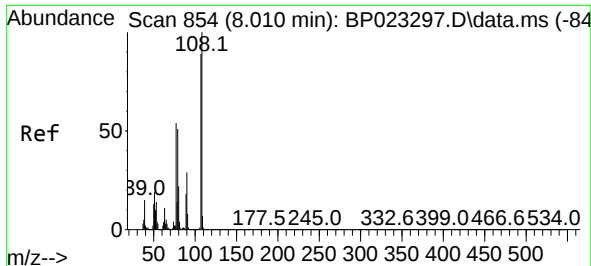
11/27/2024



#12  
2-Chlorophenol  
Concen: 4.419 ng/ul  
RT: 7.146 min Scan# 707  
Delta R.T. 0.000 min  
Lab File: BP023303.D  
Acq: 22 Nov 2024 14:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 64      | 54.1  | 39.0  | 58.6  |
| 130     | 31.5  | 26.4  | 39.6  |





#13  
2-Methylphenol  
Concen: 3.887 ng/ul  
RT: 8.022 min Scan# 80  
Delta R.T. 0.006 min  
Lab File: BP023303.D  
Acq: 22 Nov 2024 14:42

Instrument :  
BNA\_P  
ClientSampleId :  
MDL-WATER-QT4-2024-07

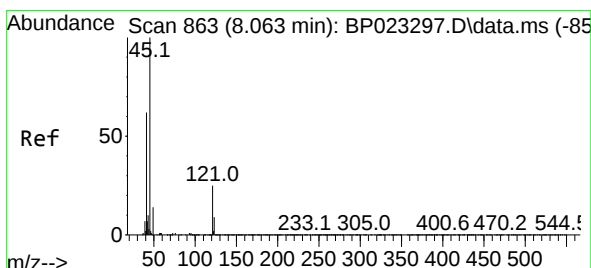
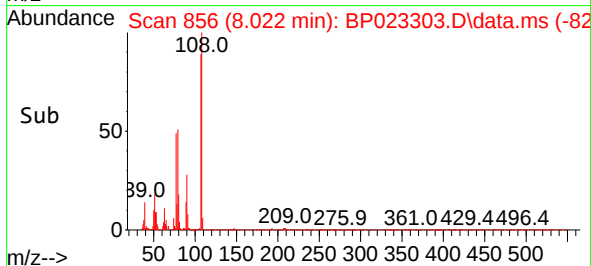
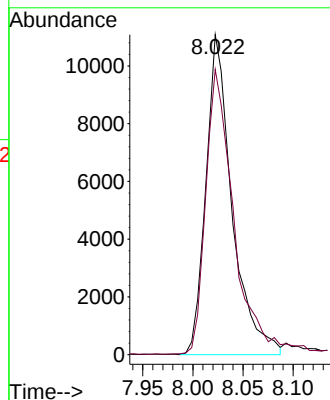
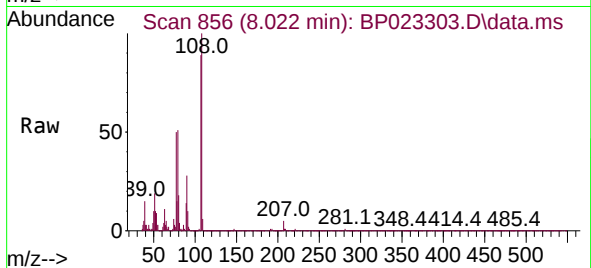
Tgt Ion:108 Resp: 2009  
Ion Ratio Lower Upper  
108 100  
107 89.1 73.3 109.9

Manual Integrations  
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Reviewed By :Jagrut  
Upadhyay

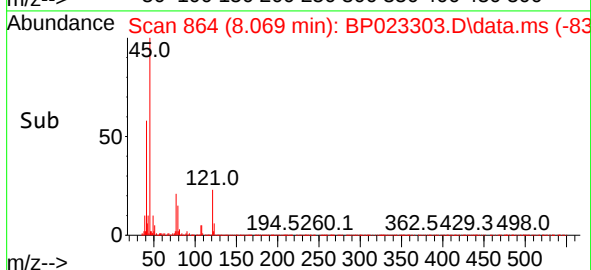
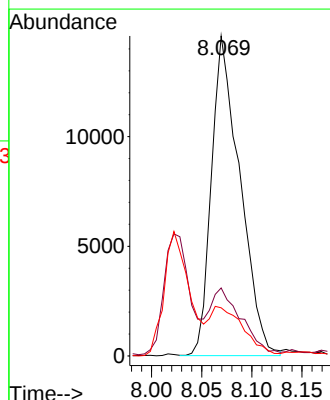
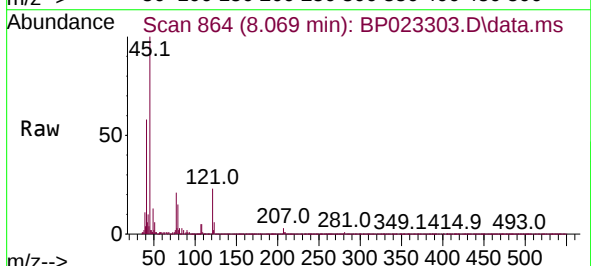
11/25/2024  
Supervised By :mohammad  
ahmed

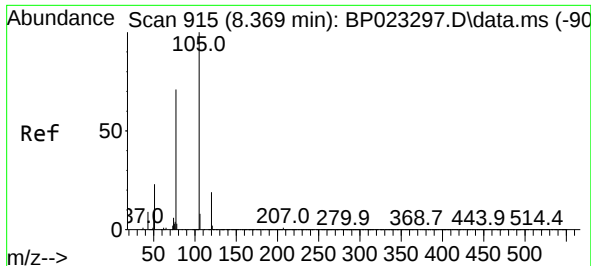
11/27/2024



#14  
2,2'-oxybis(1-Chloropropane)  
Concen: 4.891 ng/ul  
RT: 8.069 min Scan# 864  
Delta R.T. -0.006 min  
Lab File: BP023303.D  
Acq: 22 Nov 2024 14:42

Tgt Ion: 45 Resp: 28814  
Ion Ratio Lower Upper  
45 100  
77 21.3 18.2 27.2  
79 15.1 11.7 17.5





#16  
Acetophenone  
Concen: 4.124 ng/ul  
RT: 8.387 min Scan# 915  
Delta R.T. 0.006 min  
Lab File: BP023303.D  
Acq: 22 Nov 2024 14:42

Instrument :  
BNA\_P  
ClientSampleId :  
MDL-WATER-QT4-2024-07

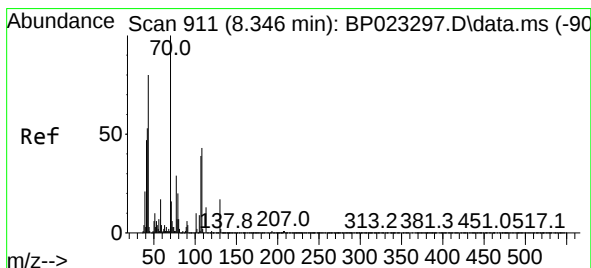
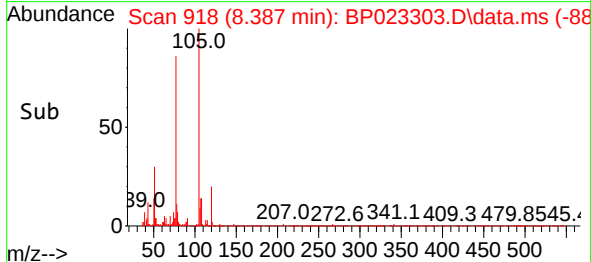
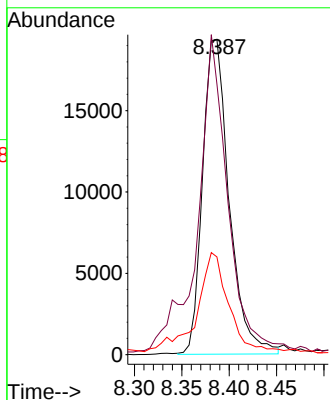
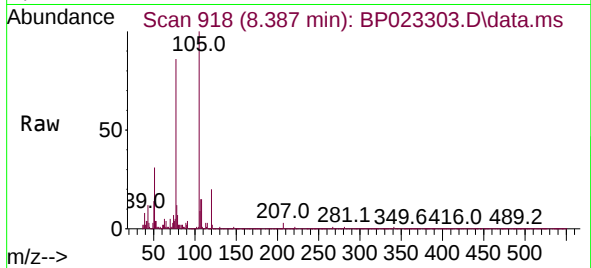
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 105   | Resp: | 3782  |
| Ion Ratio | Lower | Upper |       |
| 105       | 100   |       |       |
| 77        | 85.8  | 69.4  | 104.0 |
| 51        | 31.0  | 23.2  | 34.8  |

Manual Integrations  
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Upadhyay

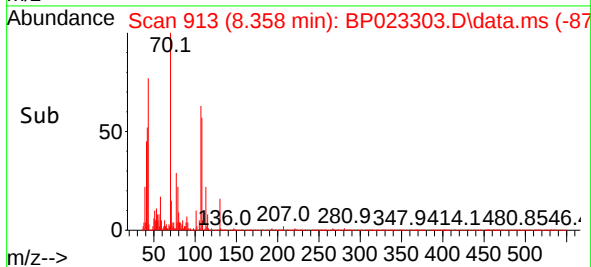
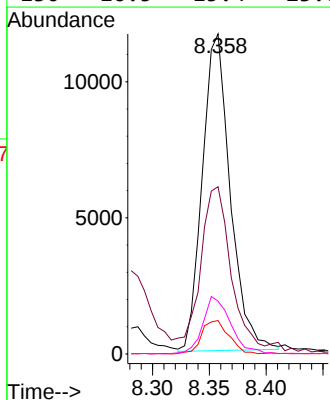
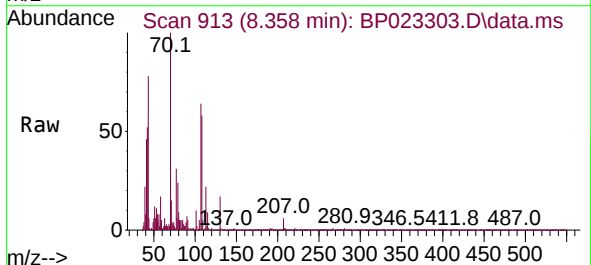
11/25/2024  
Supervised By :mohammad  
ahmed

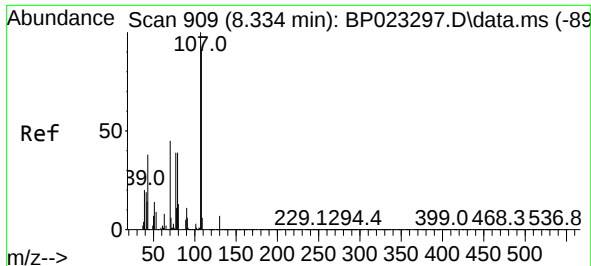
11/27/2024



#17  
N-Nitroso-di-n-propylamine  
Concen: 4.344 ng/ul  
RT: 8.358 min Scan# 913  
Delta R.T. 0.000 min  
Lab File: BP023303.D  
Acq: 22 Nov 2024 14:42

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 70    | Resp: | 19890 |
| Ion Ratio | Lower | Upper |       |
| 70        | 100   |       |       |
| 42        | 52.3  | 42.3  | 63.5  |
| 101       | 10.4  | 7.4   | 11.2  |
| 130       | 16.5  | 15.4  | 23.0  |





#18  
4-Methylphenol  
Concen: 3.683 ng/ul  
RT: 8.352 min Scan# 912  
Delta R.T. 0.006 min  
Lab File: BP023303.D  
Acq: 22 Nov 2024 14:42

Instrument :  
BNA\_P  
ClientSampleId :  
MDL-WATER-QT4-2024-07

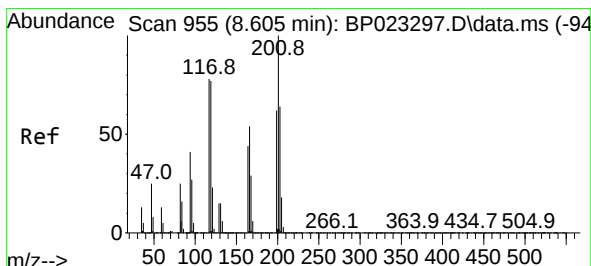
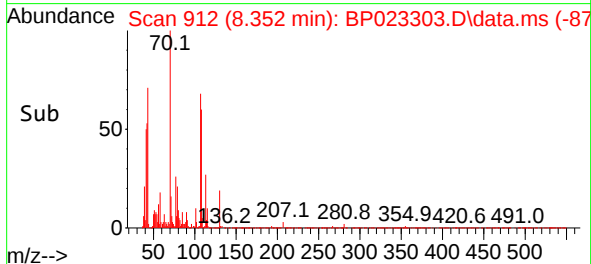
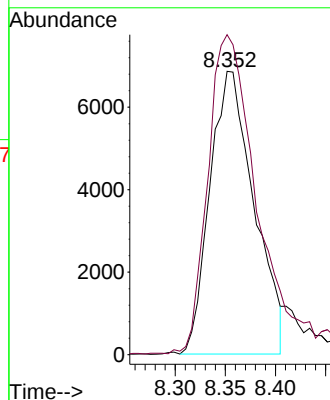
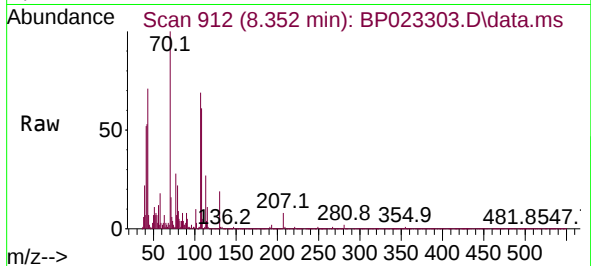
Tgt Ion:108 Resp: 2102  
Ion Ratio Lower Upper  
108 100  
107 112.9 91.5 137.3

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Upadhyay

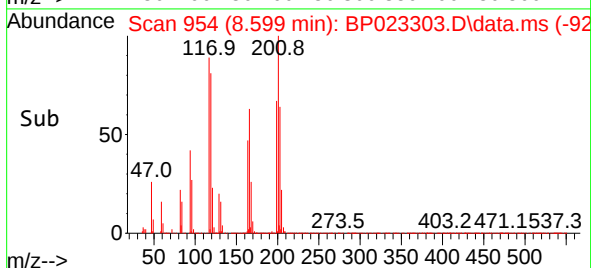
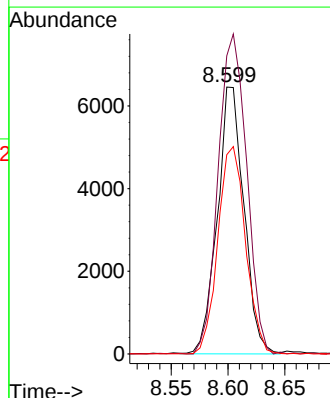
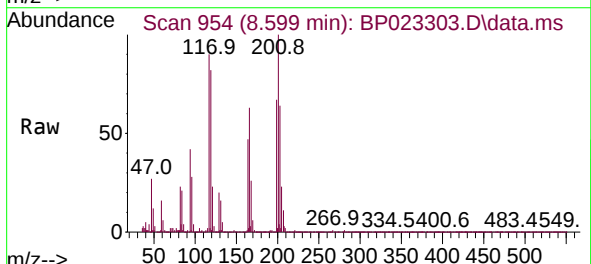
11/25/2024  
Supervised By :mohammad  
ahmed

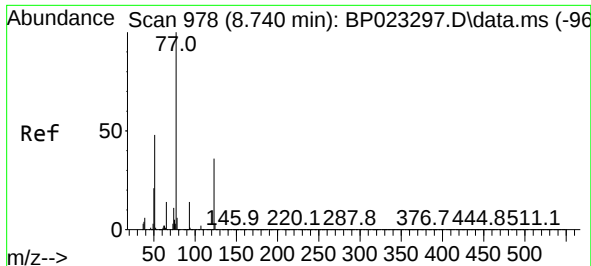
11/27/2024



#19  
Hexachloroethane  
Concen: 4.314 ng/ul  
RT: 8.599 min Scan# 954  
Delta R.T. -0.017 min  
Lab File: BP023303.D  
Acq: 22 Nov 2024 14:42

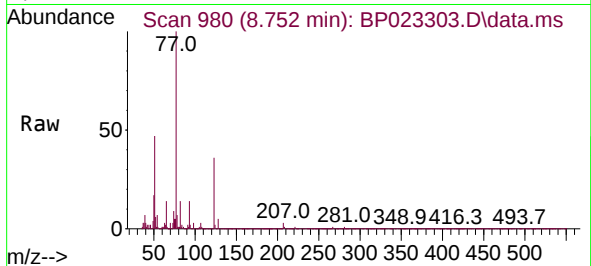
Tgt Ion:117 Resp: 10520  
Ion Ratio Lower Upper  
117 100  
201 111.7 105.0 157.6  
199 74.6 65.9 98.9





#22  
Nitrobenzene  
Concen: 4.487 ng/ul  
RT: 8.752 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BP023303.D  
Acq: 22 Nov 2024 14:42

Instrument :  
BNA\_P  
ClientSampleId :  
MDL-WATER-QT4-2024-07



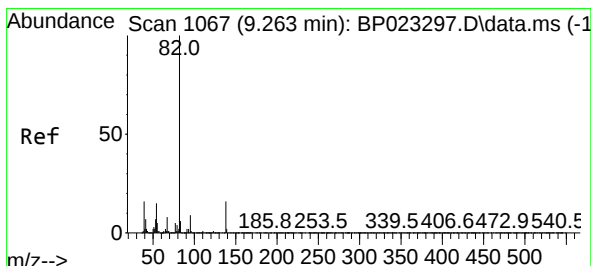
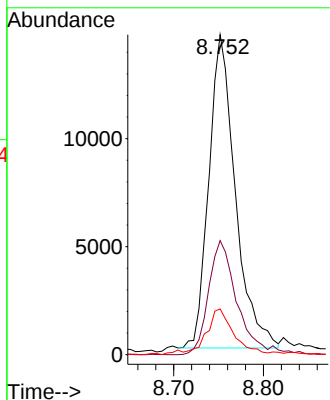
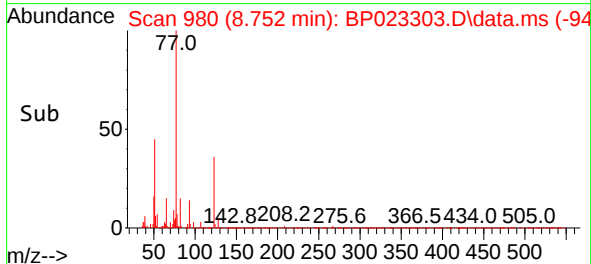
Tgt Ion: 77 Resp: 29724  
Ion Ratio Lower Upper  
77 100  
123 35.7 32.2 48.4  
65 14.3 10.9 16.3

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Upadhyay

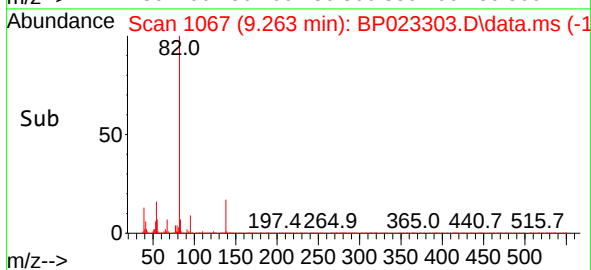
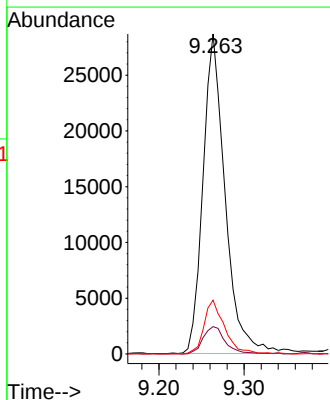
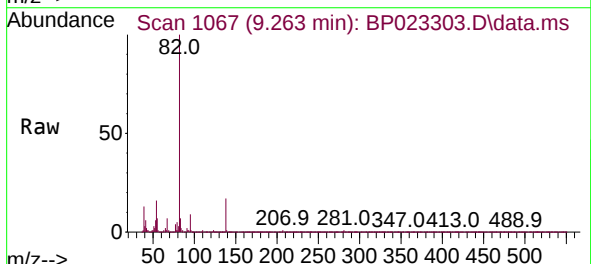
11/25/2024  
Supervised By :mohammad  
ahmed

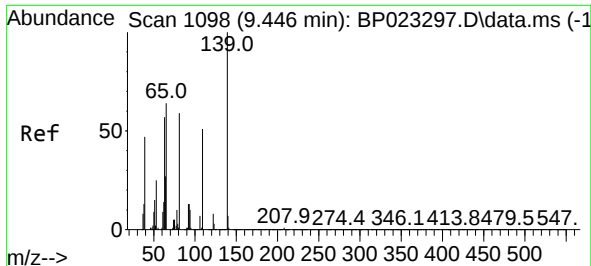
11/27/2024



#23  
Isophorone  
Concen: 4.354 ng/ul  
RT: 9.263 min Scan# 1067  
Delta R.T. -0.006 min  
Lab File: BP023303.D  
Acq: 22 Nov 2024 14:42

Tgt Ion: 82 Resp: 51573  
Ion Ratio Lower Upper  
82 100  
95 8.5 7.6 11.4  
138 16.8 13.4 20.2





#25  
2-Nitrophenol  
Concen: 4.298 ng/ul  
RT: 9.452 min Scan# 1108  
Delta R.T. 0.000 min  
Lab File: BP023303.D  
Acq: 22 Nov 2024 14:42

Instrument :  
BNA\_P  
ClientSampleId :  
MDL-WATER-QT4-2024-07

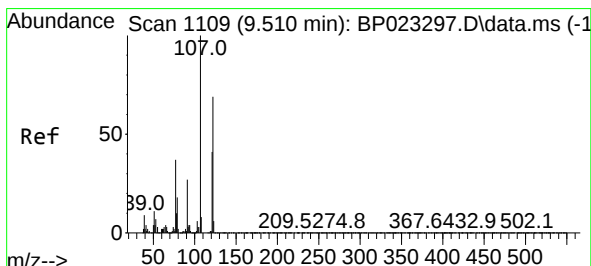
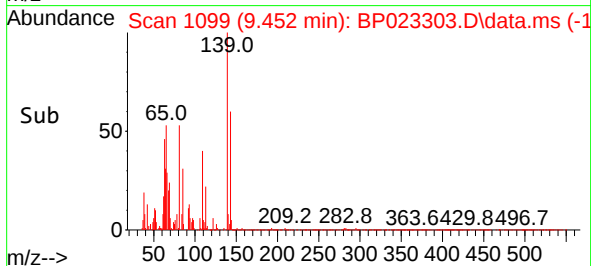
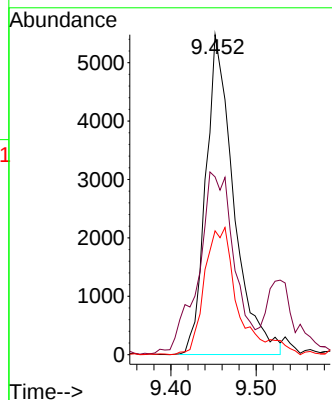
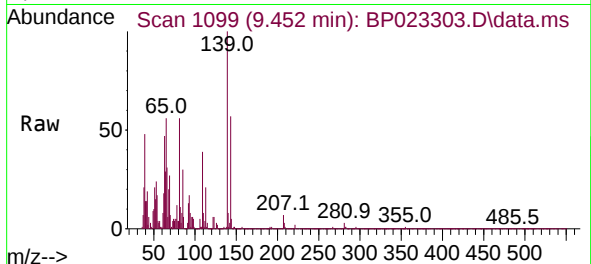
Tgt Ion:139 Resp: 12484  
Ion Ratio Lower Upper  
139 100  
65 55.6 52.8 79.2  
109 38.7 38.9 58.3

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Upadhyay

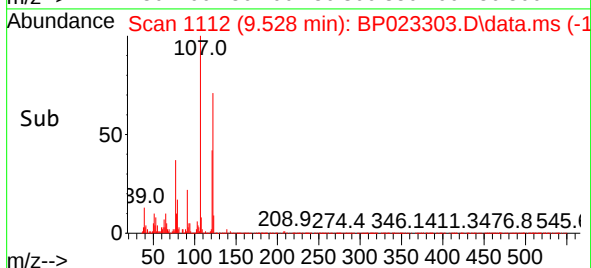
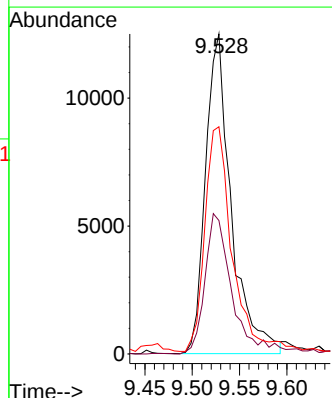
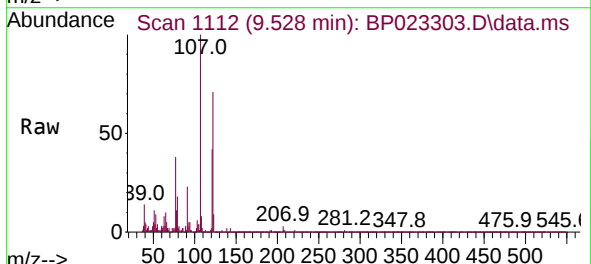
11/25/2024  
Supervised By :mohammad  
ahmed

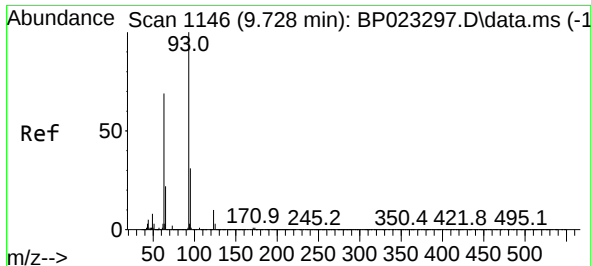
11/27/2024



#26  
2,4-Dimethylphenol  
Concen: 3.759 ng/ul  
RT: 9.528 min Scan# 1112  
Delta R.T. 0.006 min  
Lab File: BP023303.D  
Acq: 22 Nov 2024 14:42

Tgt Ion:107 Resp: 23577  
Ion Ratio Lower Upper  
107 100  
121 41.7 34.4 51.6  
122 71.0 56.7 85.1





#27

Bis(2-Chloroethoxy)methane

Concen: 4.584 ng/ul

RT: 9.740 min Scan# 1146

Delta R.T. 0.000 min

Lab File: BP023303.D

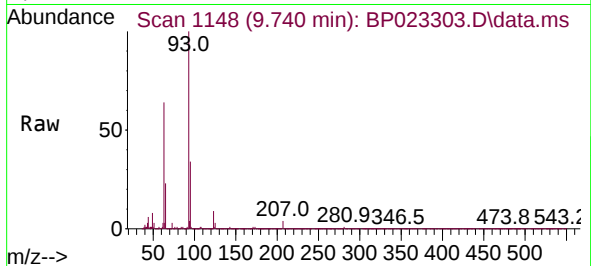
Acq: 22 Nov 2024 14:42

Instrument :

BNA\_P

ClientSampleId :

MDL-WATER-QT4-2024-07



| Tgt Ion:  | 93    | Resp: | 2987 |
|-----------|-------|-------|------|
| Ion Ratio | Lower | Upper |      |
| 93        | 100   |       |      |
| 95        | 34.4  | 27.0  | 40.6 |
| 123       | 9.1   | 8.2   | 12.4 |

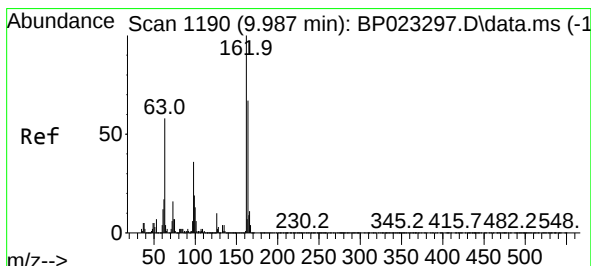
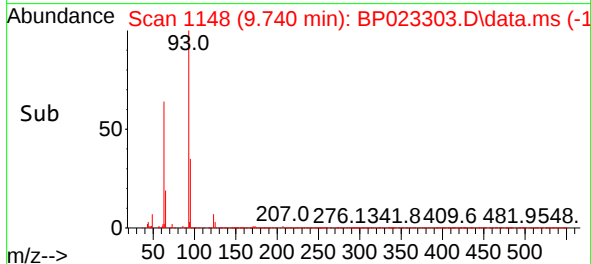
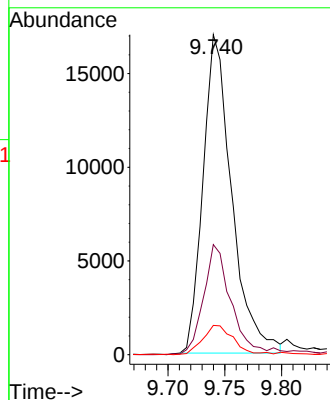
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Upadhyay

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ahmed

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#29

2,4-Dichlorophenol

Concen: 3.857 ng/ul

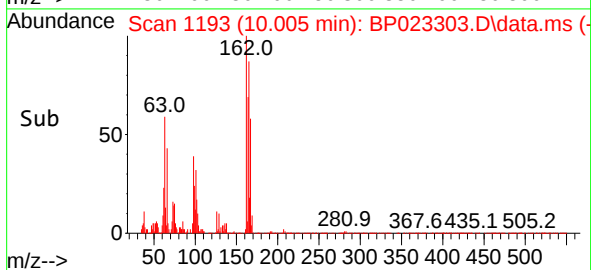
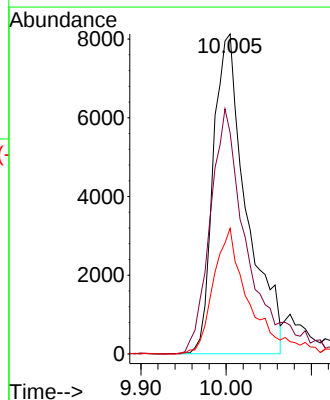
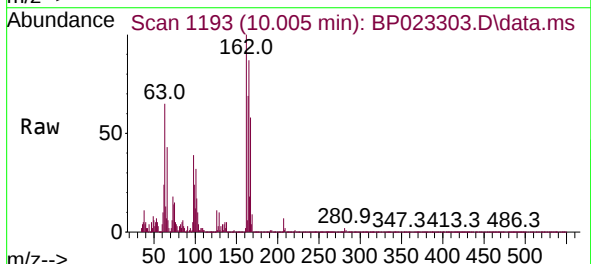
RT: 10.005 min Scan# 1193

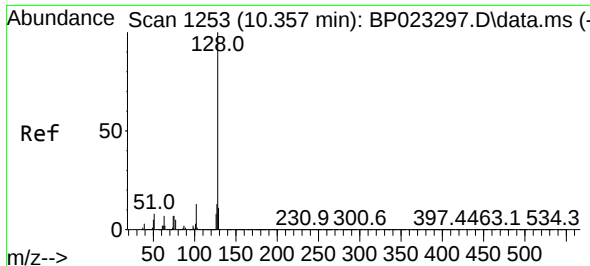
Delta R.T. 0.012 min

Lab File: BP023303.D

Acq: 22 Nov 2024 14:42

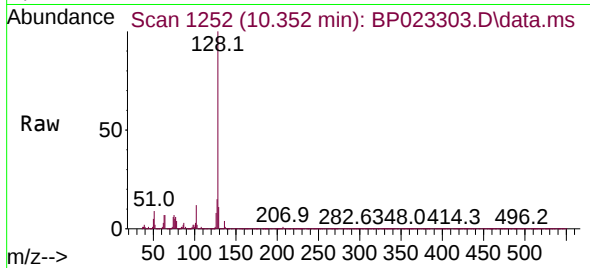
| Tgt Ion:  | 162   | Resp: | 22016 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 162       | 100   |       |       |
| 164       | 69.1  | 51.4  | 77.0  |
| 98        | 39.3  | 27.0  | 40.6  |





#30  
Naphthalene  
Concen: 4.580 ng/ul  
RT: 10.352 min Scan# 1253  
Delta R.T. -0.012 min  
Lab File: BP023303.D  
Acq: 22 Nov 2024 14:42

Instrument : BNA\_P  
ClientSampleId : MDL-WATER-QT4-2024-07



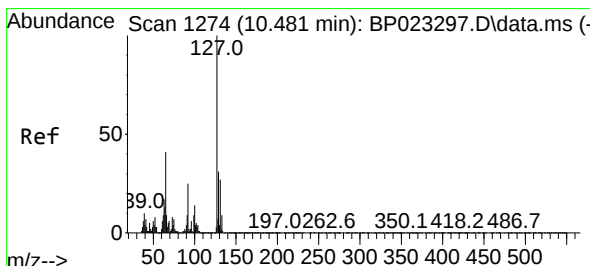
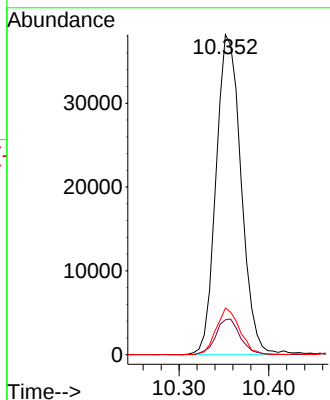
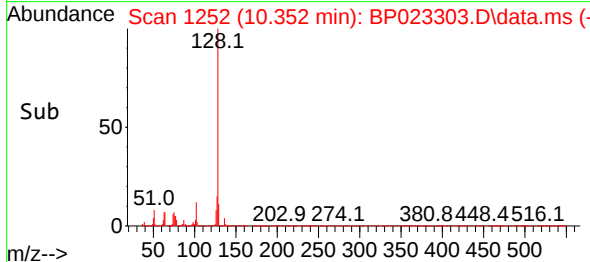
Tgt Ion:128 Resp: 73780  
Ion Ratio Lower Upper  
128 100  
129 10.9 8.7 13.1  
127 14.6 10.2 15.2

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Upadhyay

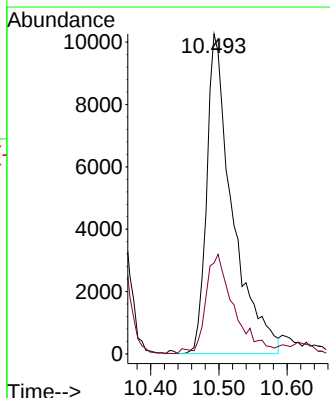
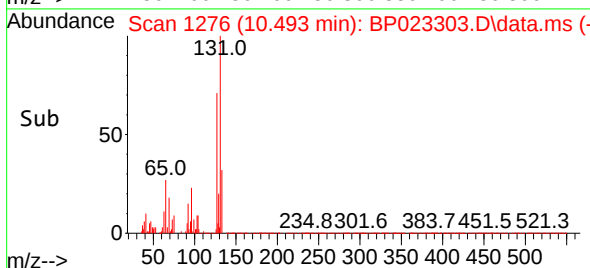
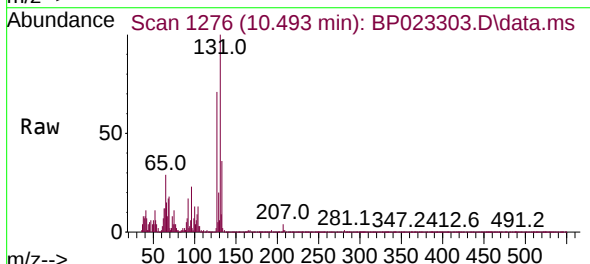
11/25/2024  
Supervised By :mohammad  
ahmed

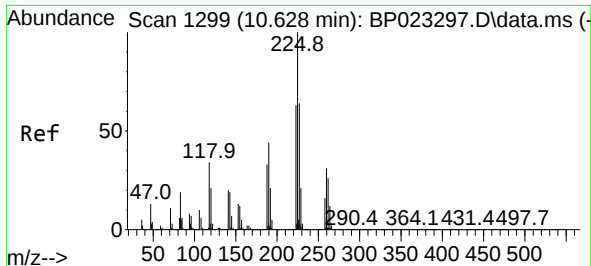
11/27/2024



#32  
4-Chloroaniline  
Concen: 4.030 ng/ul  
RT: 10.493 min Scan# 1276  
Delta R.T. 0.000 min  
Lab File: BP023303.D  
Acq: 22 Nov 2024 14:42

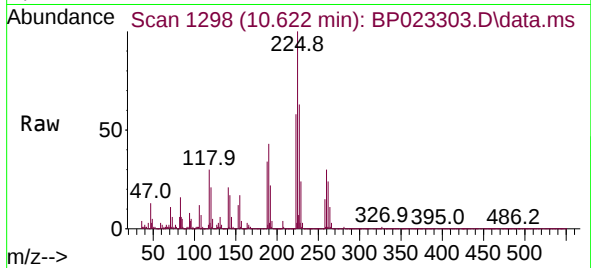
Tgt Ion:127 Resp: 26845  
Ion Ratio Lower Upper  
127 100  
129 28.4 26.4 39.6





#33  
Hexachlorobutadiene  
Concen: 4.283 ng/ul  
RT: 10.622 min Scan# 1299  
Delta R.T. -0.011 min  
Lab File: BP023303.D  
Acq: 22 Nov 2024 14:42

Instrument : BNA\_P  
ClientSampleId : MDL-WATER-QT4-2024-07



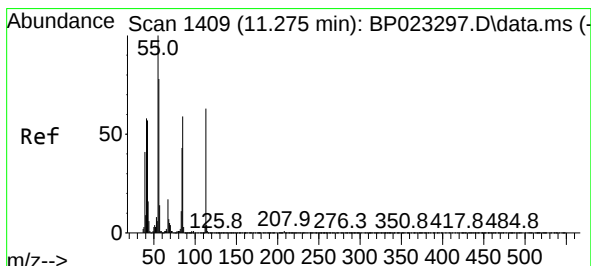
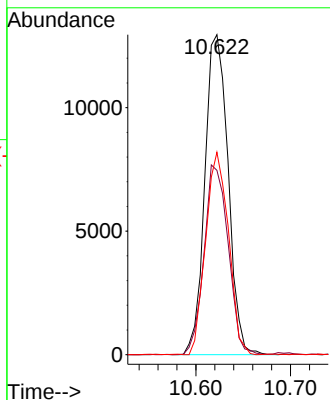
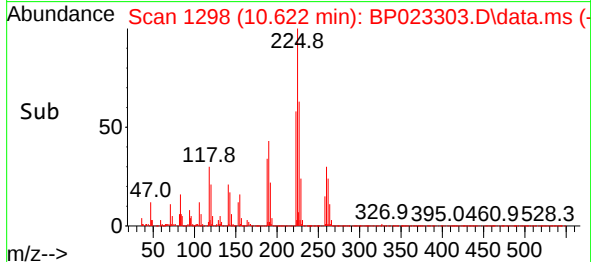
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 60.8  | 49.7  | 74.5  |
| 227     | 63.3  | 51.4  | 77.0  |

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Upadhyay

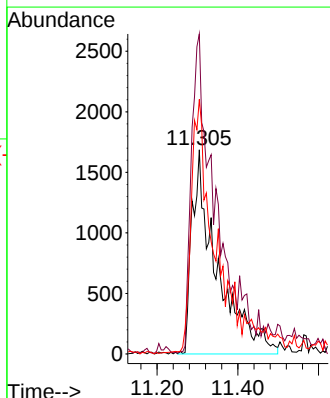
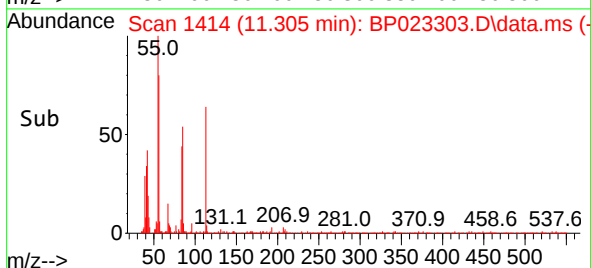
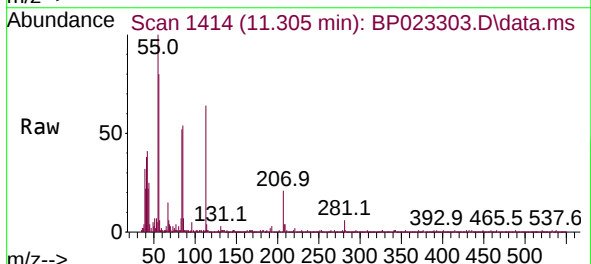
11/25/2024  
Supervised By :mohammad  
ahmed

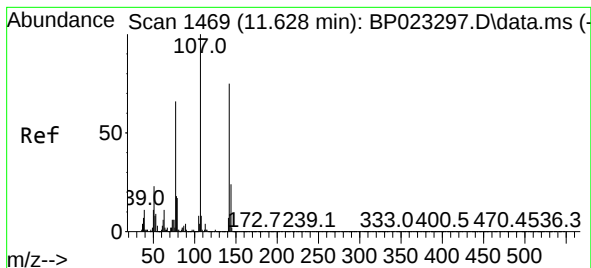
11/27/2024



#34  
Caprolactam  
Concen: 4.284 ng/ul m  
RT: 11.305 min Scan# 1414  
Delta R.T. 0.024 min  
Lab File: BP023303.D  
Acq: 22 Nov 2024 14:42

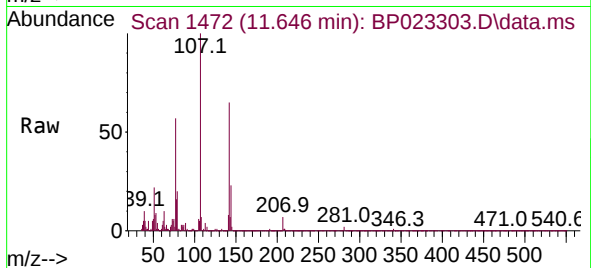
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 156.7 | 123.0 | 184.6 |
| 56      | 124.7 | 99.8  | 149.8 |





#35  
4-Chloro-3-methylphenol  
Concen: 3.872 ng/ul  
RT: 11.646 min Scan# 1469  
Delta R.T. 0.012 min  
Lab File: BP023303.D  
Acq: 22 Nov 2024 14:42

Instrument :  
BNA\_P  
ClientSampleId :  
MDL-WATER-QT4-2024-07



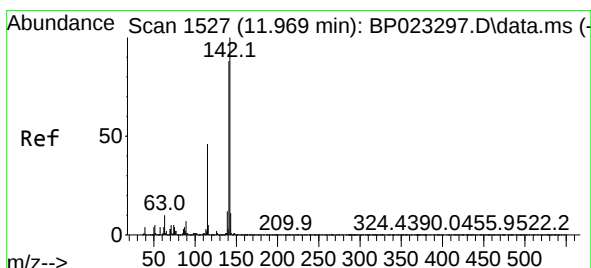
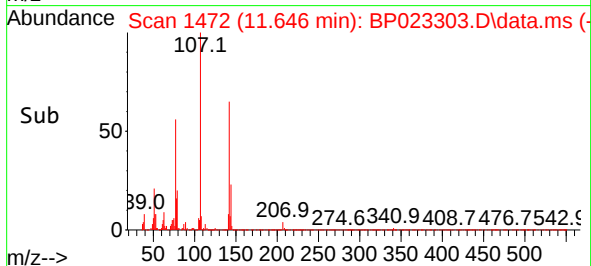
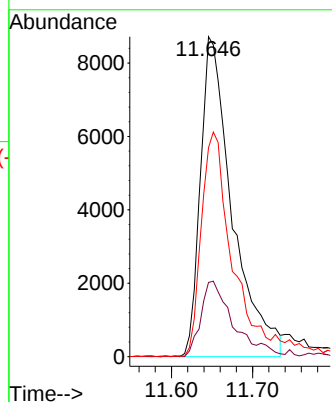
Tgt Ion:107 Resp: 2377  
Ion Ratio Lower Upper  
107 100  
144 23.2 18.8 28.2  
142 65.3 59.8 89.8

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Reviewed By :Jagrut  
Upadhyay

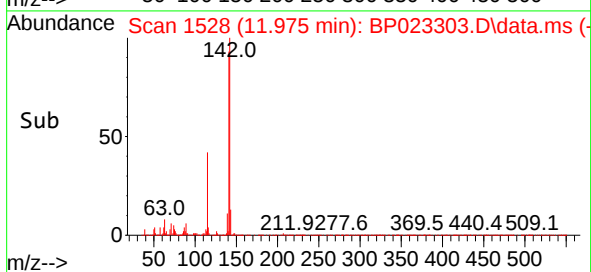
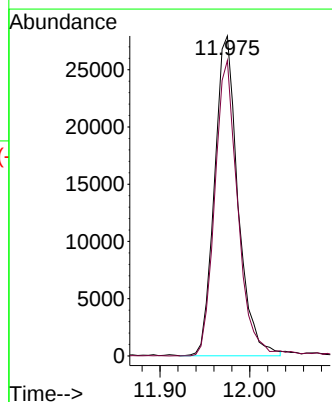
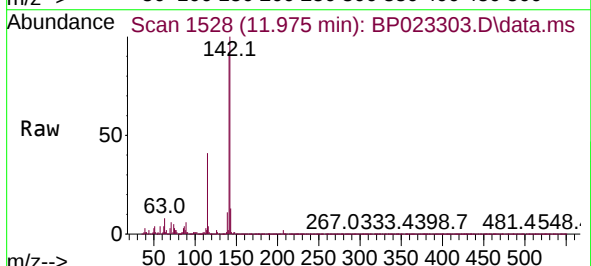
11/25/2024  
Supervised By :mohammad  
ahmed

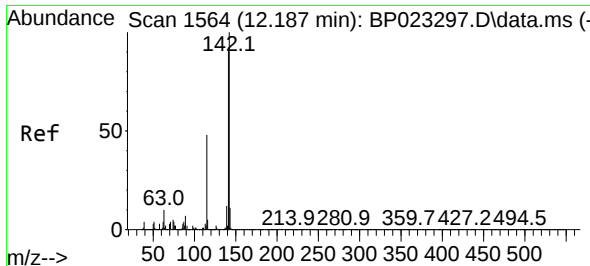
11/27/2024



#36  
2-Methylnaphthalene  
Concen: 4.178 ng/ul  
RT: 11.975 min Scan# 1528  
Delta R.T. -0.006 min  
Lab File: BP023303.D  
Acq: 22 Nov 2024 14:42

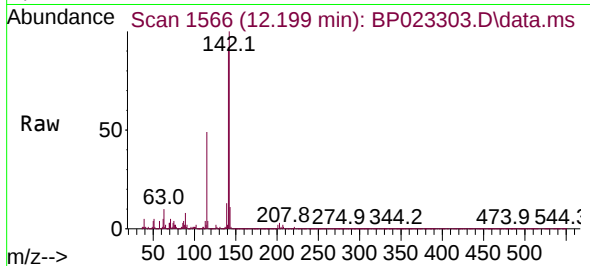
Tgt Ion:142 Resp: 50811  
Ion Ratio Lower Upper  
142 100  
141 92.3 73.1 109.7





#37  
1-Methylnaphthalene  
Concen: 3.847 ng/ul  
RT: 12.199 min Scan# 1564  
Delta R.T. 0.006 min  
Lab File: BP023303.D  
Acq: 22 Nov 2024 14:42

Instrument :  
BNA\_P  
ClientSampleId :  
MDL-WATER-QT4-2024-07



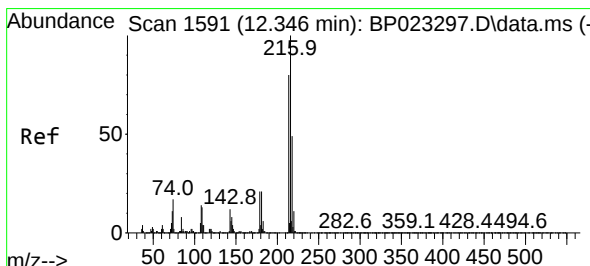
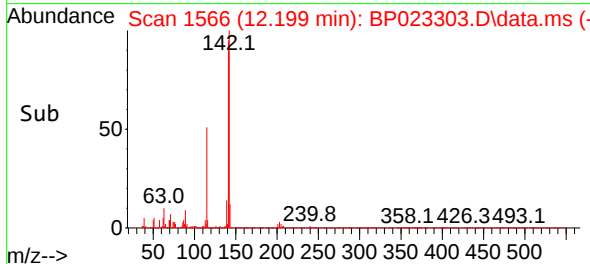
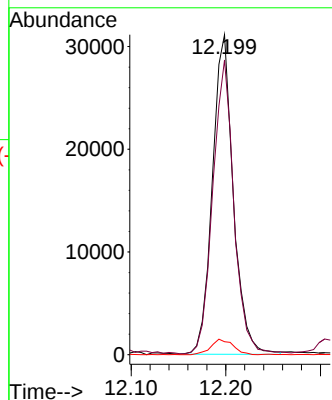
Tgt Ion:142 Resp: 4782  
Ion Ratio Lower Upper  
142 100  
141 92.1 73.8 110.8  
116 4.1 4.2 6.4

Manual Integrations  
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Upadhyay

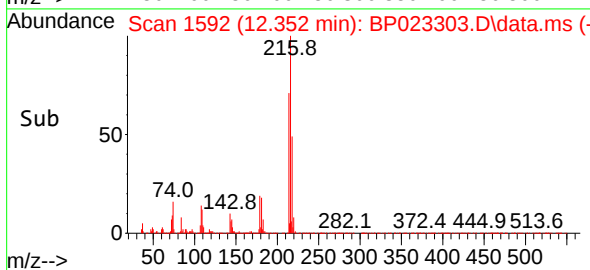
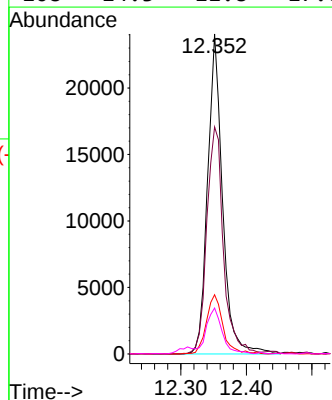
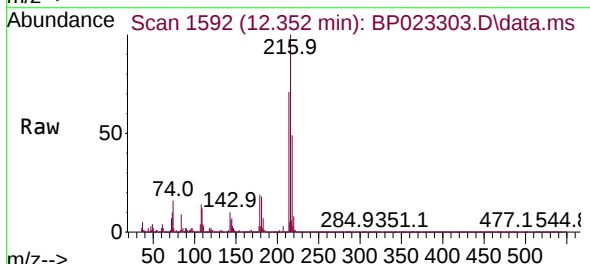
11/25/2024  
Supervised By :mohammad  
ahmed

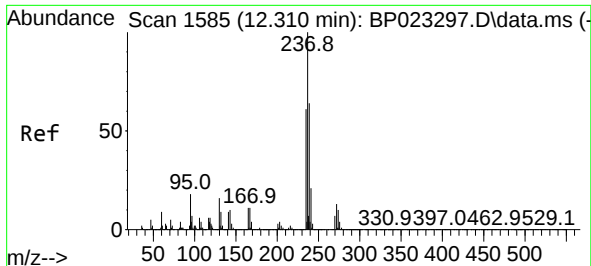
11/27/2024



#39  
1,2,4,5-Tetrachlorobenzene  
Concen: 4.595 ng/ul  
RT: 12.352 min Scan# 1592  
Delta R.T. -0.006 min  
Lab File: BP023303.D  
Acq: 22 Nov 2024 14:42

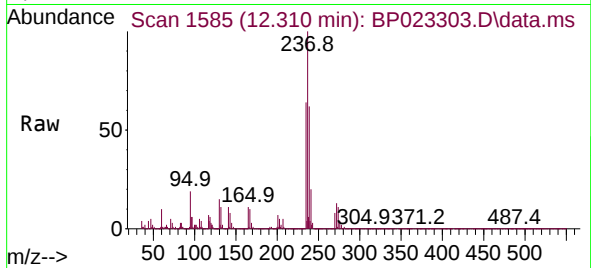
Tgt Ion:216 Resp: 38180  
Ion Ratio Lower Upper  
216 100  
214 70.9 59.4 89.2  
179 18.5 17.3 25.9  
108 14.3 11.8 17.6





#40  
Hexachlorocyclopentadiene  
Concen: 4.382 ng/ul  
RT: 12.310 min Scan# 1585  
Delta R.T. -0.012 min  
Lab File: BP023303.D  
Acq: 22 Nov 2024 14:42

Instrument :  
BNA\_P  
ClientSampleId :  
MDL-WATER-QT4-2024-07



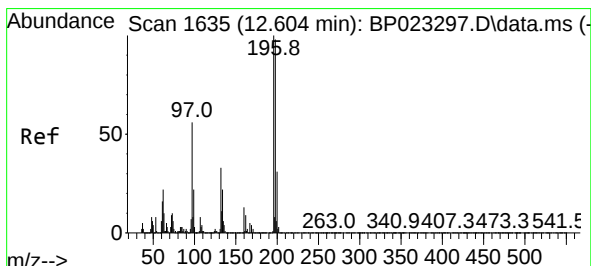
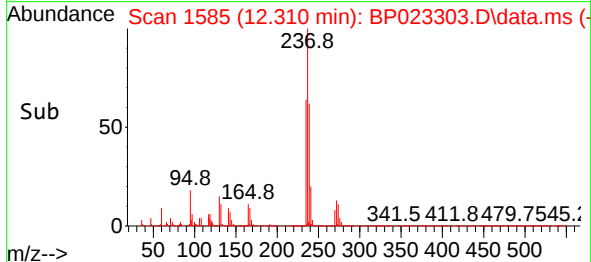
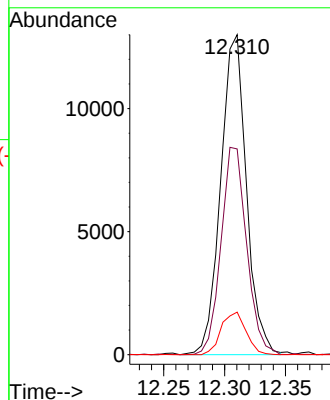
Tgt Ion: 237 Resp: 1912  
Ion Ratio Lower Upper  
237 100  
235 64.3 48.6 73.0  
272 13.3 10.2 15.2

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Reviewed By :Jagrut  
Upadhyay

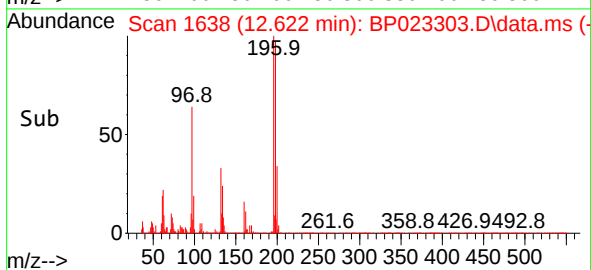
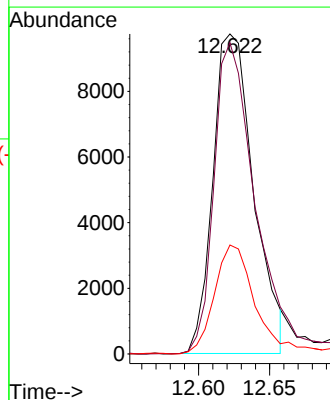
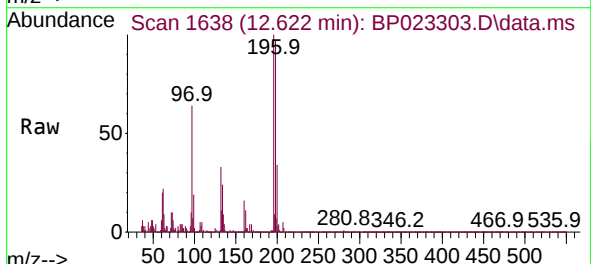
11/25/2024  
Supervised By :mohammad  
ahmed

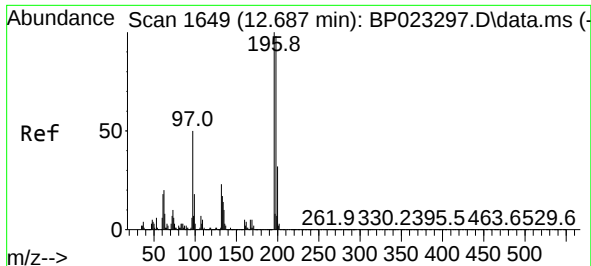
11/27/2024



#41  
2,4,6-Trichlorophenol  
Concen: 3.836 ng/ul  
RT: 12.622 min Scan# 1638  
Delta R.T. 0.012 min  
Lab File: BP023303.D  
Acq: 22 Nov 2024 14:42

Tgt Ion: 196 Resp: 19407  
Ion Ratio Lower Upper  
196 100  
198 97.3 80.5 120.7  
200 34.0 25.2 37.8





#42  
2,4,5-Trichlorophenol  
Concen: 3.961 ng/ul  
RT: 12.722 min Scan# 10  
Delta R.T. 0.018 min  
Lab File: BP023303.D  
Acq: 22 Nov 2024 14:42

Instrument :  
BNA\_P  
ClientSampleId :  
MDL-WATER-QT4-2024-07

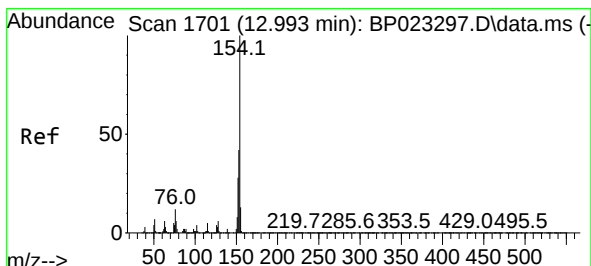
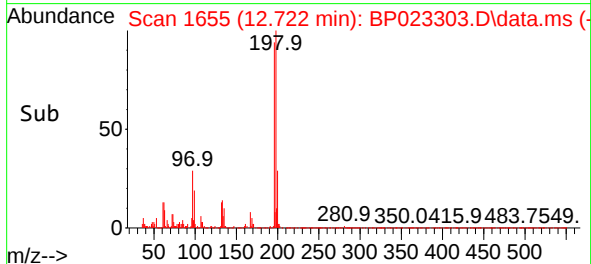
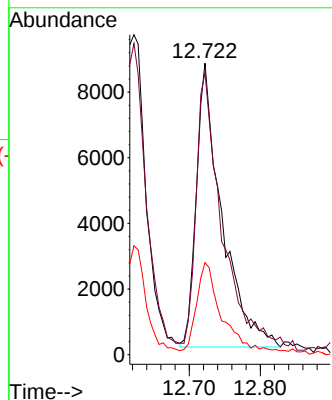
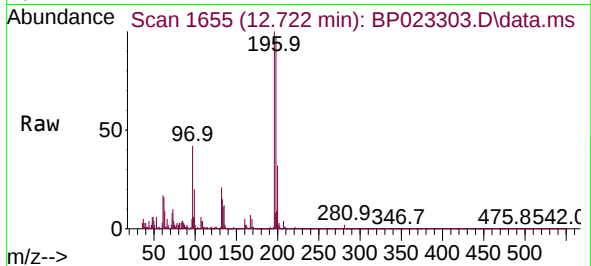
Tgt Ion:196 Resp: 2160  
Ion Ratio Lower Upper  
196 100  
198 96.7 79.6 119.4  
200 31.6 25.0 37.6

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Upadhyay

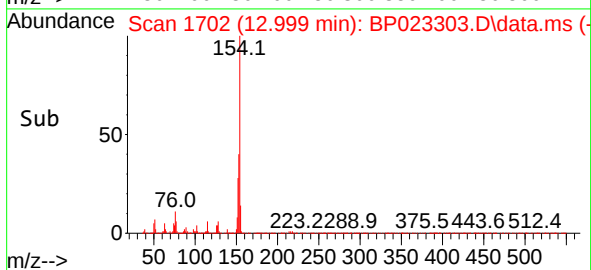
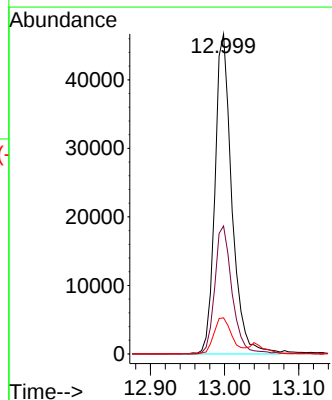
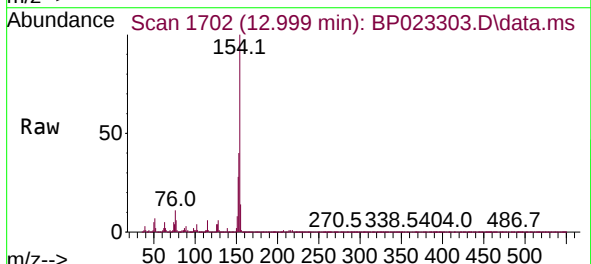
11/25/2024  
Supervised By :mohammad  
ahmed

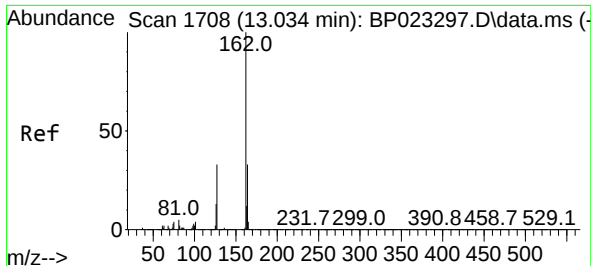
11/27/2024



#43  
1,1'-Biphenyl  
Concen: 4.691 ng/ul  
RT: 12.999 min Scan# 1702  
Delta R.T. -0.006 min  
Lab File: BP023303.D  
Acq: 22 Nov 2024 14:42

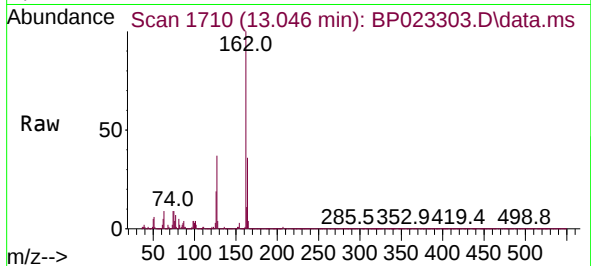
Tgt Ion:154 Resp: 73983  
Ion Ratio Lower Upper  
154 100  
153 40.0 32.0 48.0  
76 11.3 8.4 12.6





#44  
2-Chloronaphthalene  
Concen: 4.609 ng/ul  
RT: 13.046 min Scan# 1708  
Delta R.T. 0.000 min  
Lab File: BP023303.D  
Acq: 22 Nov 2024 14:42

Instrument :  
BNA\_P  
ClientSampleId :  
MDL-WATER-QT4-2024-07



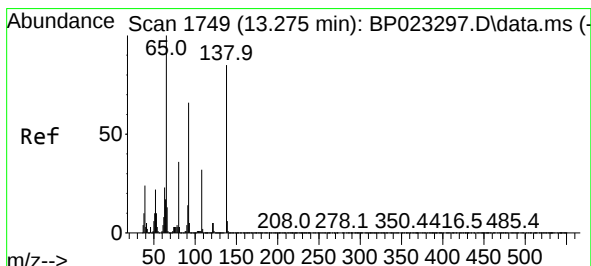
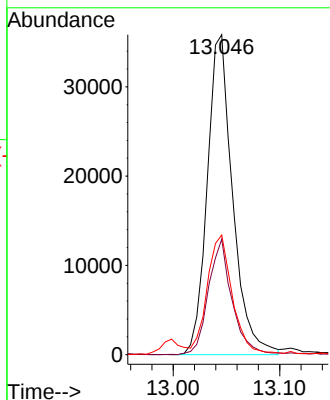
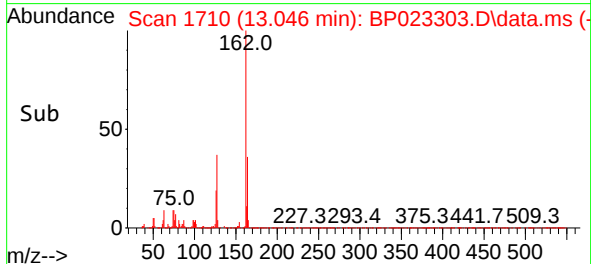
Tgt Ion:162 Resp: 5941  
Ion Ratio Lower Upper  
162 100  
164 36.1 26.6 40.0  
127 37.4 30.2 45.2

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Upadhyay

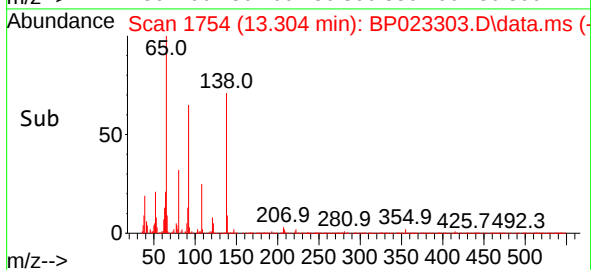
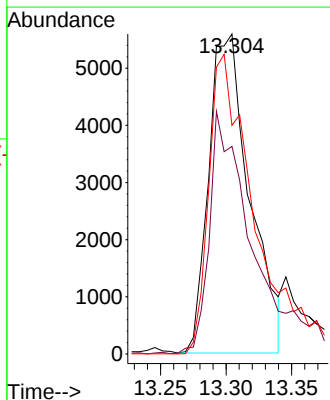
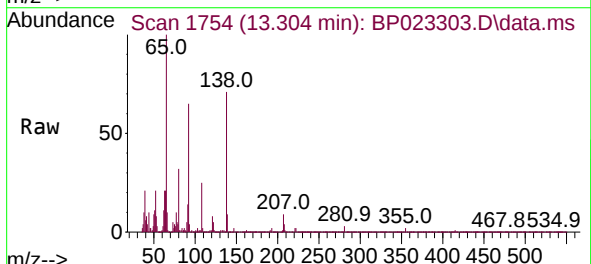
11/25/2024  
Supervised By :mohammad  
ahmed

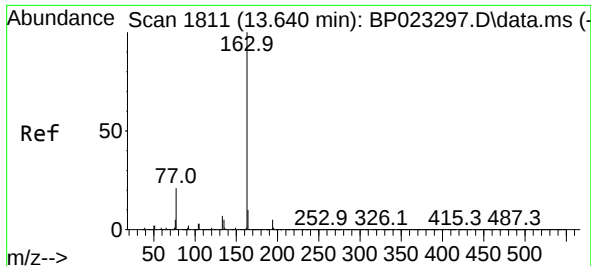
11/27/2024



#45  
2-Nitroaniline  
Concen: 3.352 ng/ul  
RT: 13.304 min Scan# 1754  
Delta R.T. 0.036 min  
Lab File: BP023303.D  
Acq: 22 Nov 2024 14:42

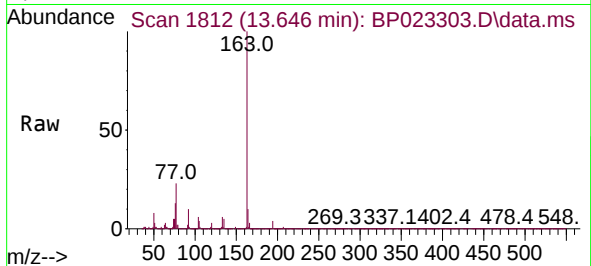
Tgt Ion: 65 Resp: 12134  
Ion Ratio Lower Upper  
65 100  
92 64.9 54.2 81.2  
138 71.4 65.1 97.7





#47  
Dimethylphthalate  
Concen: 4.549 ng/ul  
RT: 13.646 min Scan# 1811  
Delta R.T. 0.012 min  
Lab File: BP023303.D  
Acq: 22 Nov 2024 14:42

Instrument :  
BNA\_P  
ClientSampleId :  
MDL-WATER-QT4-2024-07



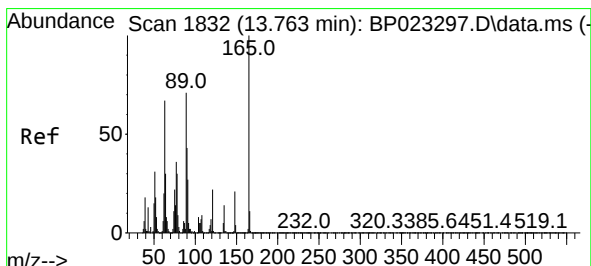
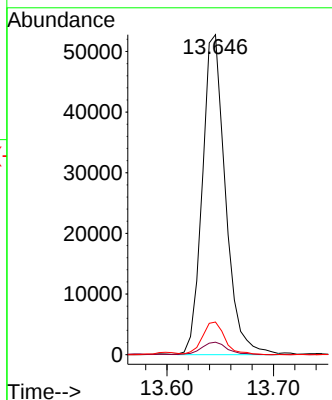
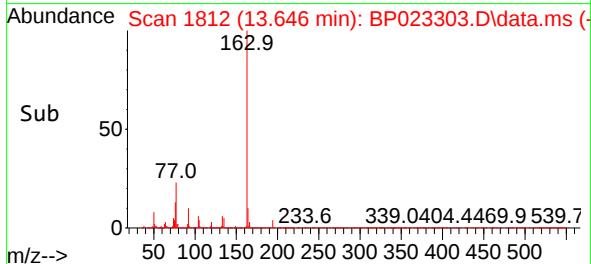
Tgt Ion:163 Resp: 79579  
Ion Ratio Lower Upper  
163 100  
194 3.9 3.8 5.6  
164 10.2 8.2 12.4

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Upadhyay

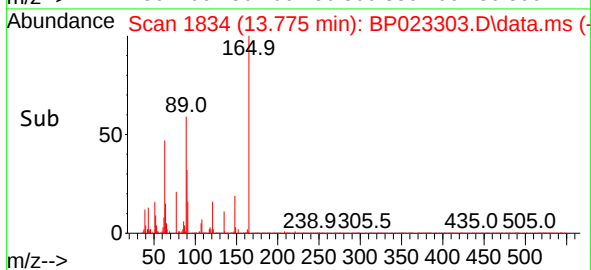
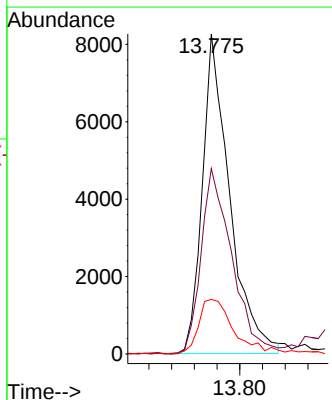
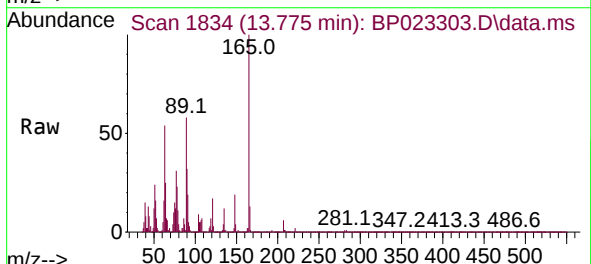
11/25/2024  
Supervised By :mohammad  
ahmed

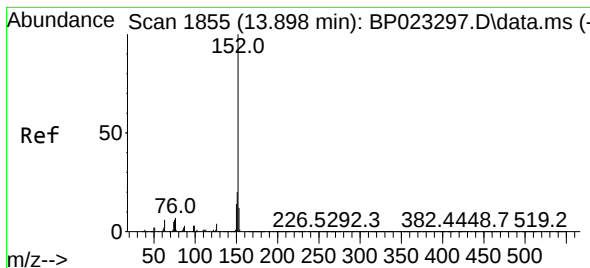
11/27/2024



#48  
2,6-Dinitrotoluene  
Concen: 4.049 ng/ul  
RT: 13.775 min Scan# 1834  
Delta R.T. -0.006 min  
Lab File: BP023303.D  
Acq: 22 Nov 2024 14:42

Tgt Ion:165 Resp: 13779  
Ion Ratio Lower Upper  
165 100  
89 57.9 50.6 75.8  
121 17.1 15.8 23.8





#50

Acenaphthylene

Concen: 4.771 ng/ul

RT: 13.898 min Scan# 1855

Delta R.T. -0.006 min

Lab File: BP023303.D

Acq: 22 Nov 2024 14:42

Instrument :

BNA\_P

ClientSampleId :

MDL-WATER-QT4-2024-07

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 152   | Resp: | 8925 |
| Ion Ratio | Lower | Upper |      |
| 152       | 100   |       |      |
| 151       | 21.4  | 15.9  | 23.9 |
| 153       | 13.5  | 10.2  | 15.2 |

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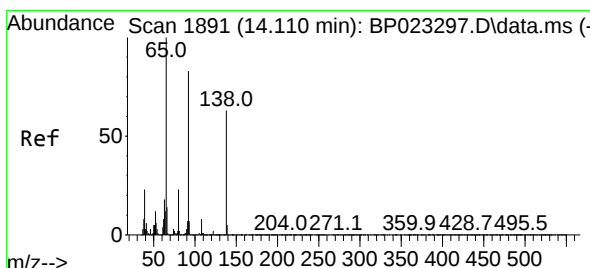
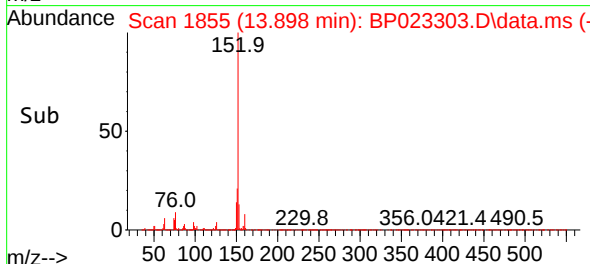
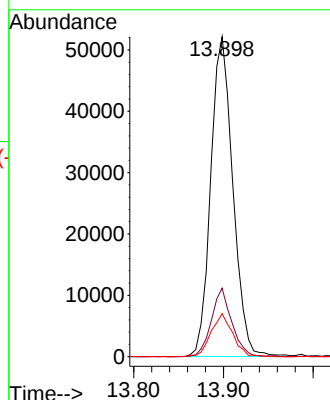
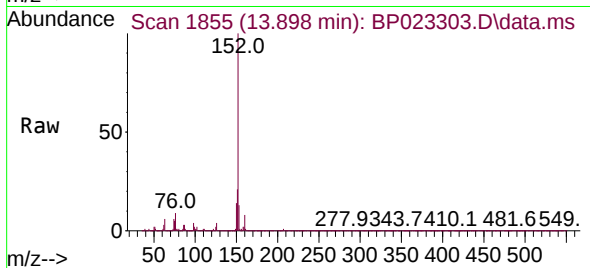
APPROVED

Reviewed By :Jagrut  
Upadhyay

11/25/2024

Supervised By :mohammad  
ahmed

11/27/2024



#51

3-Nitroaniline

Concen: 3.933 ng/ul m

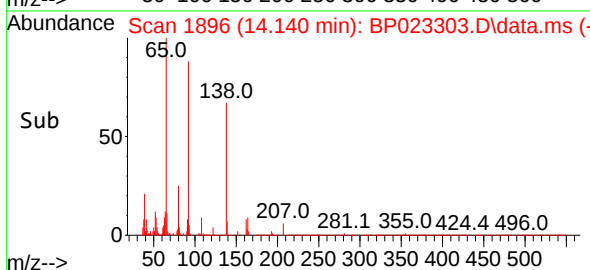
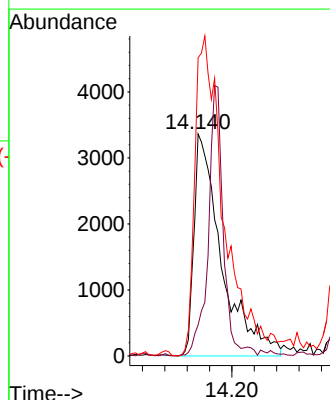
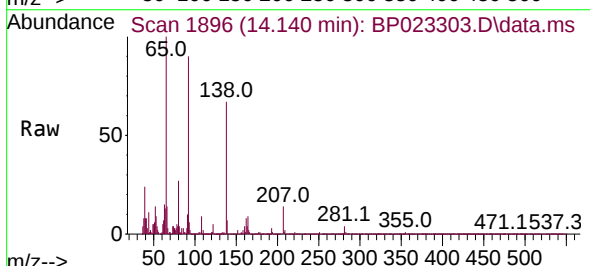
RT: 14.140 min Scan# 1896

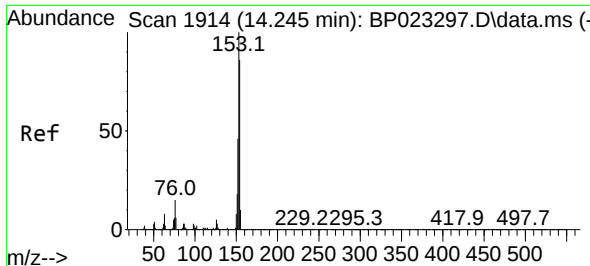
Delta R.T. 0.012 min

Lab File: BP023303.D

Acq: 22 Nov 2024 14:42

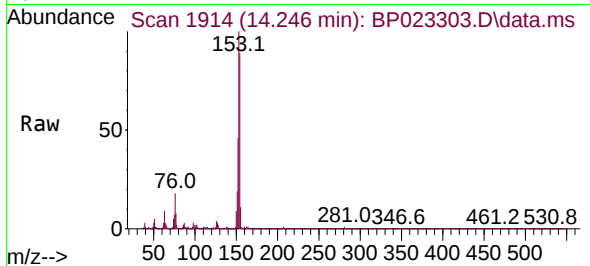
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 138   | Resp: | 11526 |
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 108       | 14.0  | 12.7  | 19.1  |
| 92        | 134.3 | 107.8 | 161.8 |





#52  
Acenaphthene  
Concen: 4.555 ng/ul  
RT: 14.246 min Scan# 1914  
Delta R.T. 0.000 min  
Lab File: BP023303.D  
Acq: 22 Nov 2024 14:42

Instrument :  
BNA\_P  
ClientSampleId :  
MDL-WATER-QT4-2024-07



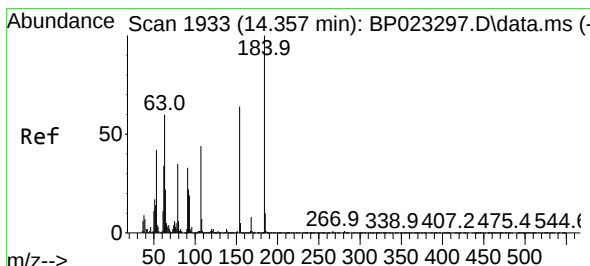
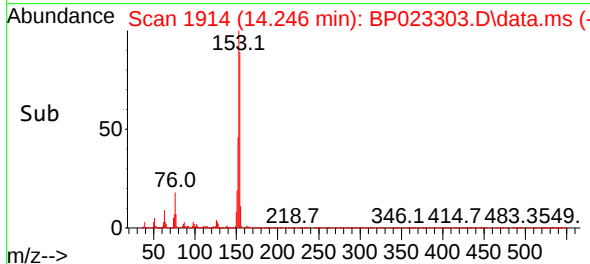
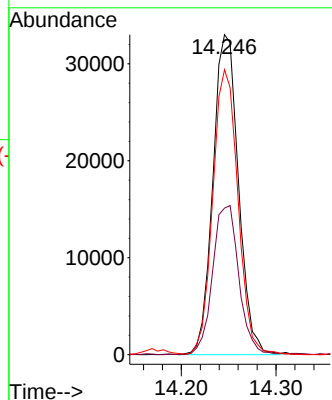
Tgt Ion:153 Resp: 6187  
Ion Ratio Lower Upper  
153 100  
152 45.8 39.6 59.4  
154 89.0 70.9 106.3

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Upadhyay

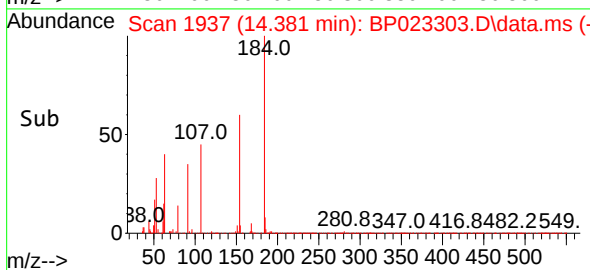
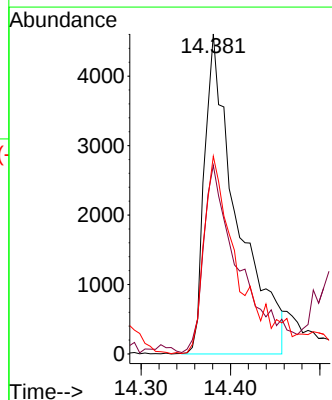
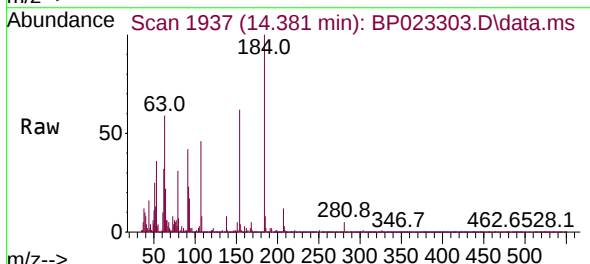
11/25/2024  
Supervised By :mohammad  
ahmed

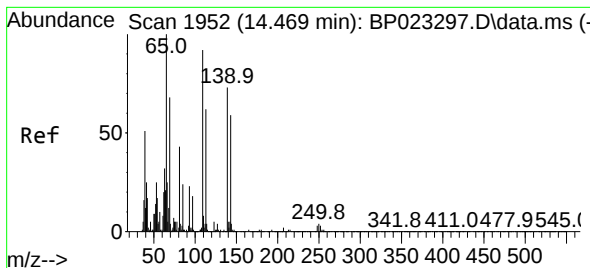
11/27/2024



#53  
2,4-Dinitrophenol  
Concen: 4.825 ng/ul m  
RT: 14.381 min Scan# 1937  
Delta R.T. 0.030 min  
Lab File: BP023303.D  
Acq: 22 Nov 2024 14:42

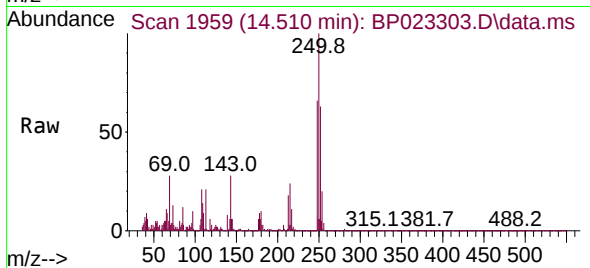
Tgt Ion:184 Resp: 11651  
Ion Ratio Lower Upper  
184 100  
63 59.0 50.1 75.1  
154 61.8 58.2 87.4





#55  
4-Nitrophenol  
Concen: 3.262 ng/ul m  
RT: 14.510 min Scan# 1959  
Delta R.T. 0.036 min  
Lab File: BP023303.D  
Acq: 22 Nov 2024 14:42

Instrument :  
BNA\_P  
ClientSampleId :  
MDL-WATER-QT4-2024-07



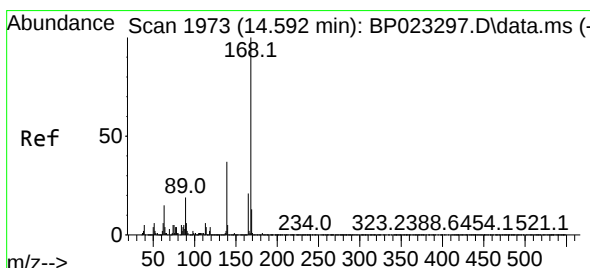
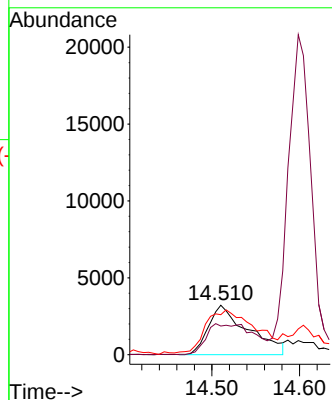
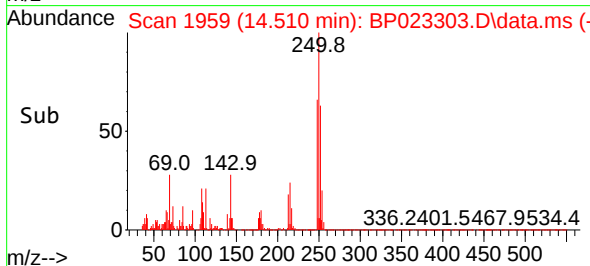
Tgt Ion:109 Resp: 10172  
Ion Ratio Lower Upper  
109 100  
139 57.8 64.6 96.8  
65 81.1 80.6 120.8

Manual Integrations  
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Reviewed By :Jagrut  
Upadhyay

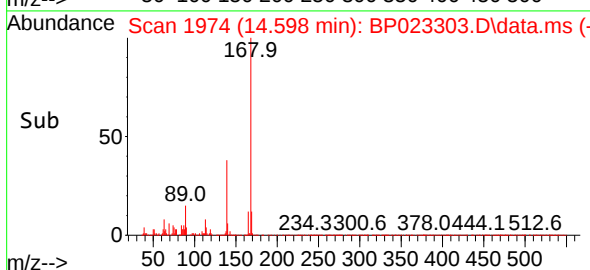
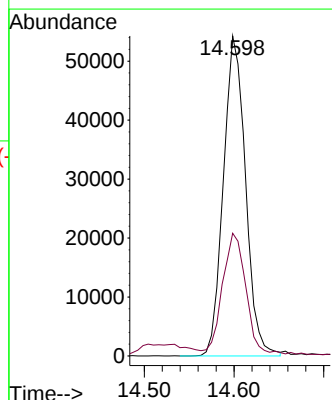
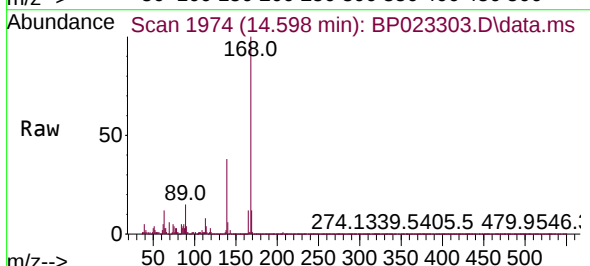
11/25/2024  
Supervised By :mohammad  
ahmed

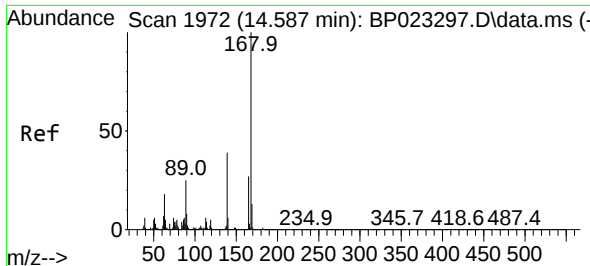
11/27/2024



#56  
Dibenzofuran  
Concen: 4.431 ng/ul  
RT: 14.598 min Scan# 1974  
Delta R.T. 0.006 min  
Lab File: BP023303.D  
Acq: 22 Nov 2024 14:42

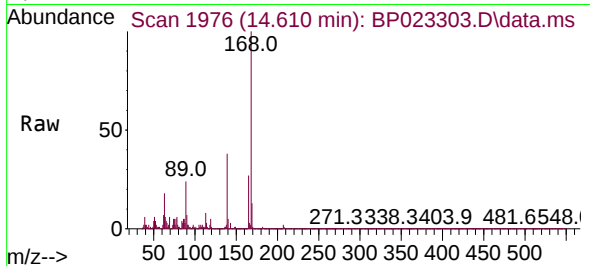
Tgt Ion:168 Resp: 92996  
Ion Ratio Lower Upper  
168 100  
139 38.3 29.7 44.5





#57  
2,4-Dinitrotoluene  
Concen: 3.874 ng/ul  
RT: 14.610 min Scan# 1972  
Delta R.T. 0.024 min  
Lab File: BP023303.D  
Acq: 22 Nov 2024 14:42

Instrument :  
BNA\_P  
ClientSampleId :  
MDL-WATER-QT4-2024-07



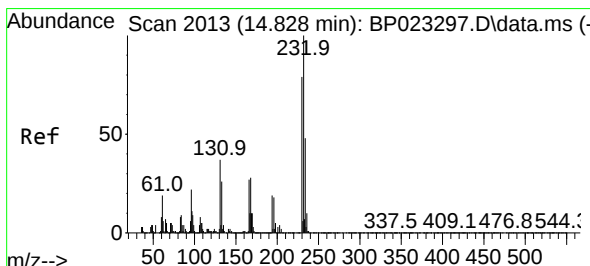
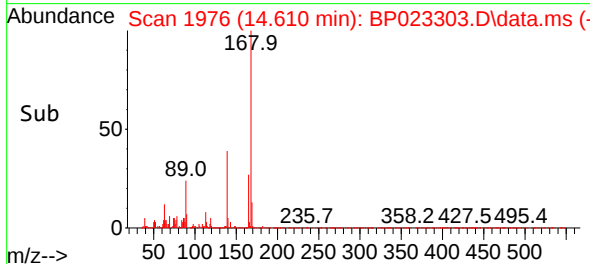
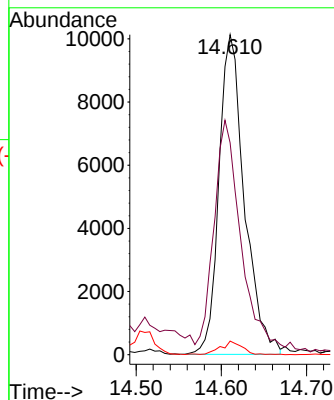
Tgt Ion:165 Resp: 21010  
Ion Ratio Lower Upper  
165 100  
63 66.2 41.3 61.9  
182 4.3 2.5 3.7

Manual Integrations  
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Reviewed By :Jagrut  
Upadhyay

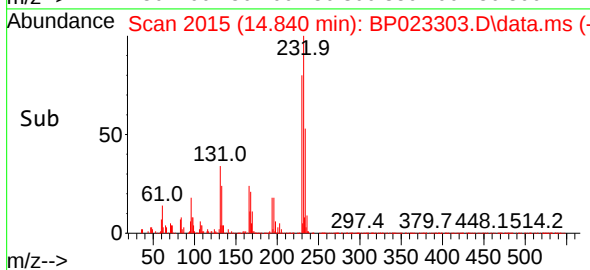
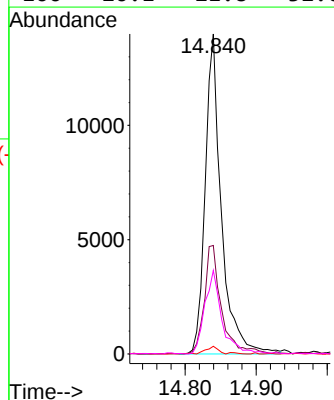
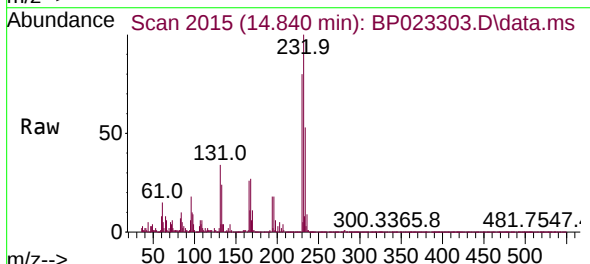
11/25/2024  
Supervised By :mohammad  
ahmed

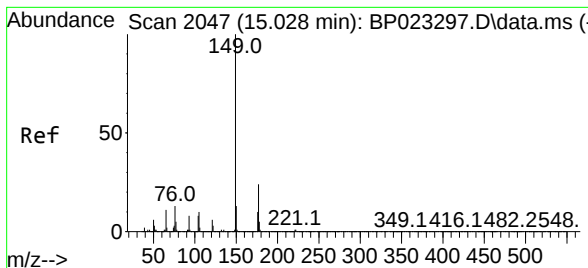
11/27/2024



#58  
2,3,4,6-Tetrachlorophenol  
Concen: 4.148 ng/ul  
RT: 14.840 min Scan# 2015  
Delta R.T. -0.006 min  
Lab File: BP023303.D  
Acq: 22 Nov 2024 14:42

Tgt Ion:232 Resp: 22116  
Ion Ratio Lower Upper  
232 100  
131 33.9 27.0 40.6  
130 2.4 1.9 2.9  
166 26.1 21.8 32.6





#59

Diethylphthalate

Concen: 4.257 ng/ul

RT: 15.028 min Scan# 2047

Delta R.T. 0.000 min

Lab File: BP023303.D

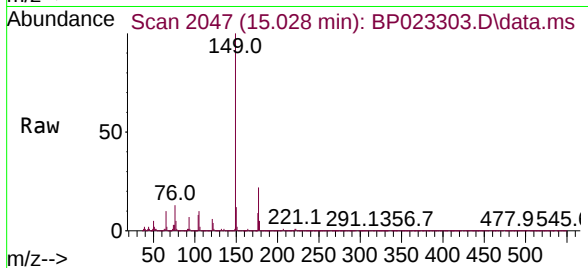
Acq: 22 Nov 2024 14:42

Instrument :

BNA\_P

ClientSampleId :

MDL-WATER-QT4-2024-07



|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:149 | Resp: | 73640     |
| Ion Ratio   | Lower | Upper     |
| 149         | 100   |           |
| 177         | 22.2  | 19.7 29.5 |
| 150         | 12.3  | 9.8 14.6  |

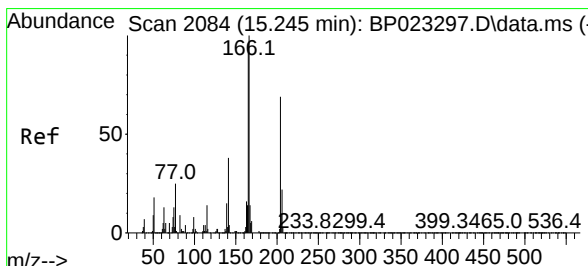
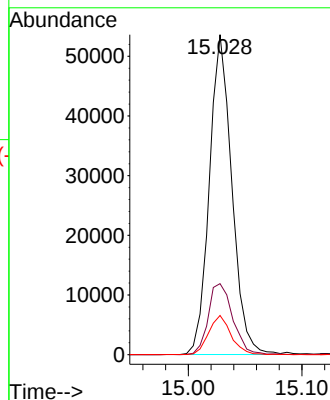
Manual Integrations  
APPROVED

Reviewed By :Jagrut  
Upadhyay

11/25/2024

Supervised By :mohammad  
ahmed

11/27/2024



#61

Fluorene

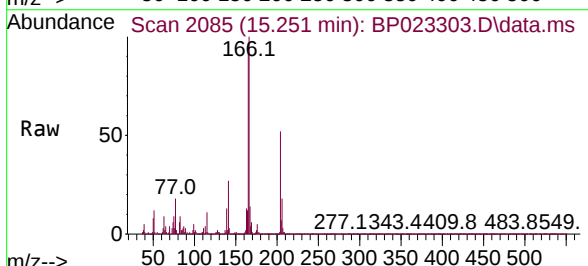
Concen: 4.526 ng/ul

RT: 15.251 min Scan# 2085

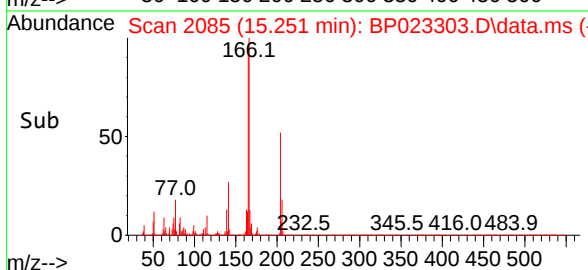
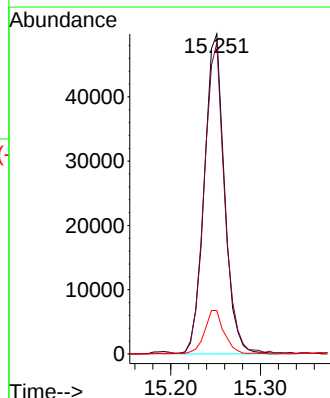
Delta R.T. -0.006 min

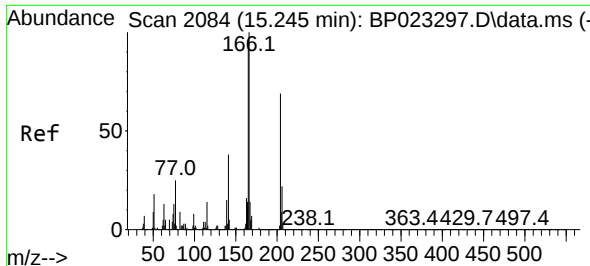
Lab File: BP023303.D

Acq: 22 Nov 2024 14:42



|             |       |            |
|-------------|-------|------------|
| Tgt Ion:166 | Resp: | 77733      |
| Ion Ratio   | Lower | Upper      |
| 166         | 100   |            |
| 165         | 97.2  | 79.5 119.3 |
| 167         | 13.5  | 10.3 15.5  |





#62  
4-Chlorophenyl-phenylether  
Concen: 4.337 ng/ul  
RT: 15.251 min Scan# 2085  
Delta R.T. 0.000 min  
Lab File: BP023303.D  
Acq: 22 Nov 2024 14:42

Instrument :  
BNA\_P  
ClientSampleId :  
MDL-WATER-QT4-2024-07

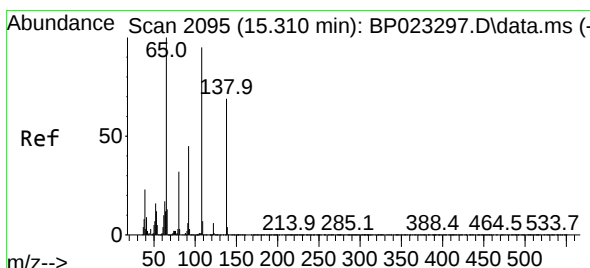
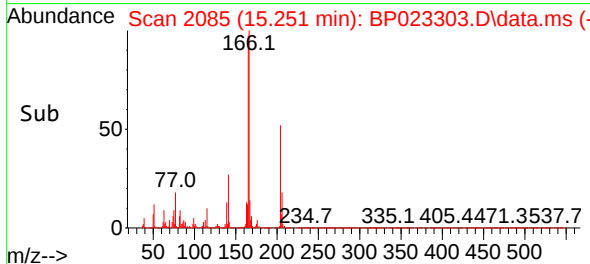
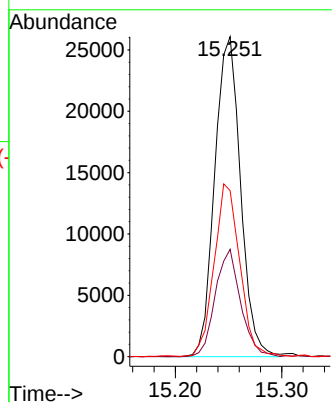
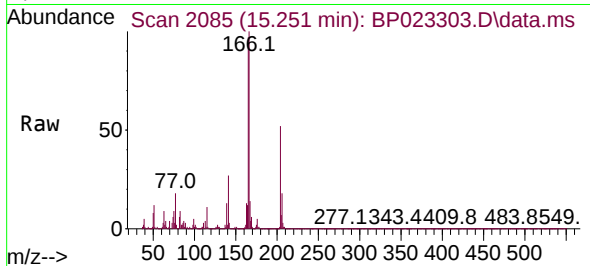
Tgt Ion:204 Resp: 4386  
Ion Ratio Lower Upper  
204 100  
206 33.6 27.2 40.8  
141 51.9 44.6 66.8

Manual Integrations  
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Reviewed By :Jagrut  
Upadhyay

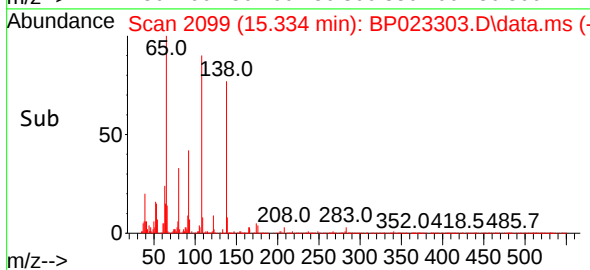
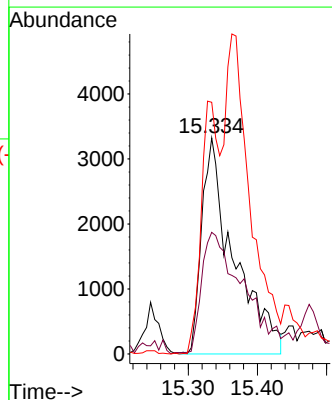
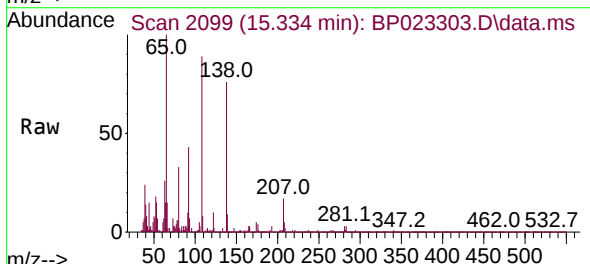
11/25/2024  
Supervised By :mohammad  
ahmed

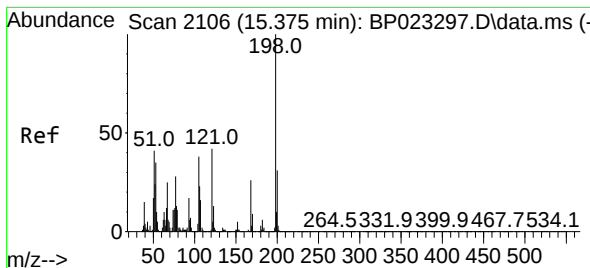
11/27/2024



#63  
4-Nitroaniline  
Concen: 3.927 ng/ul m  
RT: 15.334 min Scan# 2099  
Delta R.T. 0.030 min  
Lab File: BP023303.D  
Acq: 22 Nov 2024 14:42

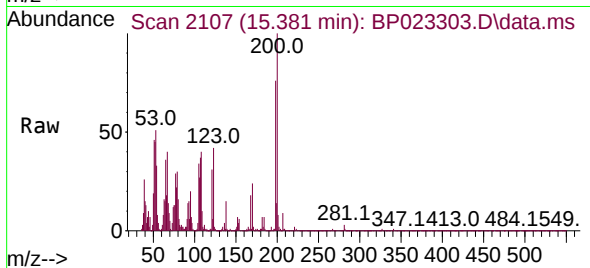
Tgt Ion:138 Resp: 10710  
Ion Ratio Lower Upper  
138 100  
92 56.3 53.9 80.9  
108 116.5 106.6 159.8





#66  
4,6-Dinitro-2-methylphenol  
Concen: 3.747 ng/ul  
RT: 15.381 min Scan# 2106  
Delta R.T. 0.012 min  
Lab File: BP023303.D  
Acq: 22 Nov 2024 14:42

Instrument :  
BNA\_P  
ClientSampleId :  
MDL-WATER-QT4-2024-07



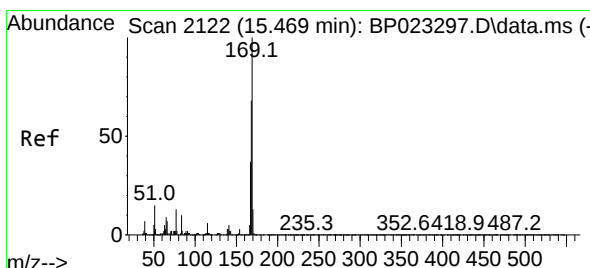
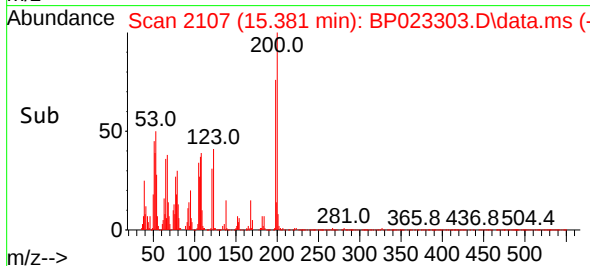
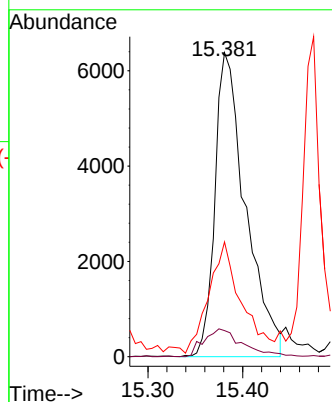
Tgt Ion:198 Resp: 14372  
Ion Ratio Lower Upper  
198 100  
182 8.6 3.8 5.8  
77 37.7 20.0 30.0

Manual Integrations  
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Reviewed By :Jagrut  
Upadhyay

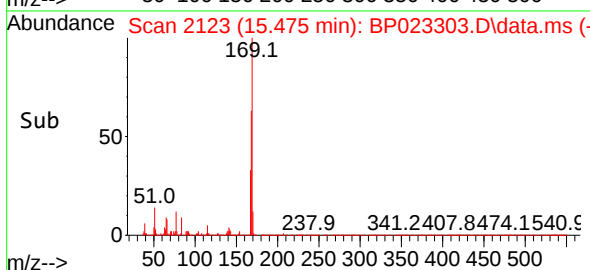
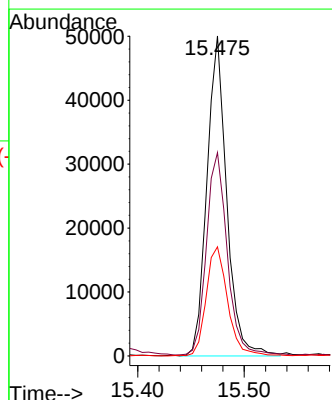
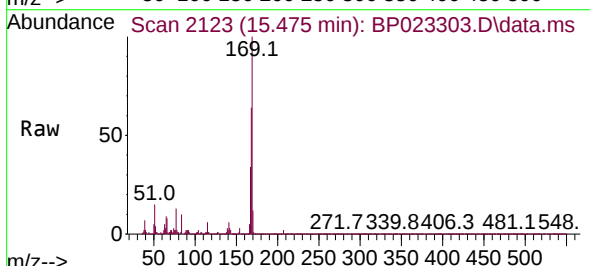
11/25/2024  
Supervised By :mohammad  
ahmed

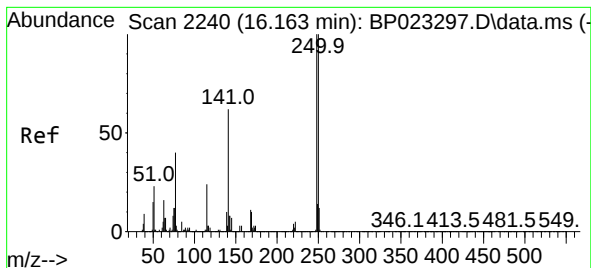
11/27/2024



#67  
N-Nitrosodiphenylamine  
Concen: 4.671 ng/ul  
RT: 15.475 min Scan# 2123  
Delta R.T. 0.000 min  
Lab File: BP023303.D  
Acq: 22 Nov 2024 14:42

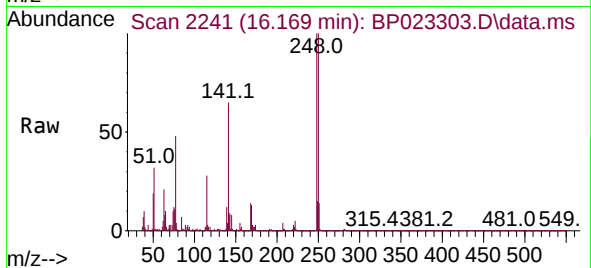
Tgt Ion:169 Resp: 64706  
Ion Ratio Lower Upper  
169 100  
168 63.5 53.4 80.0  
167 34.1 29.4 44.2





#68  
4-Bromophenyl-phenylether  
Concen: 4.262 ng/ul  
RT: 16.169 min Scan# 211  
Delta R.T. 0.006 min  
Lab File: BP023303.D  
Acq: 22 Nov 2024 14:42

Instrument :  
BNA\_P  
ClientSampleId :  
MDL-WATER-QT4-2024-07



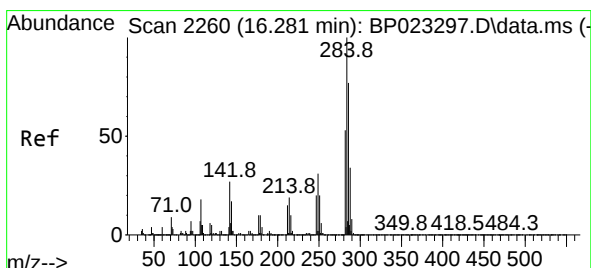
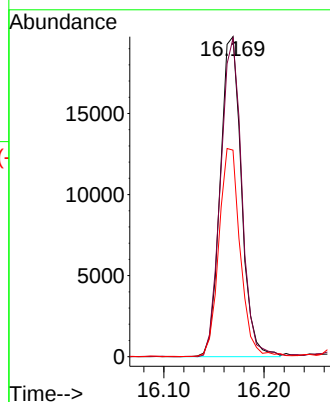
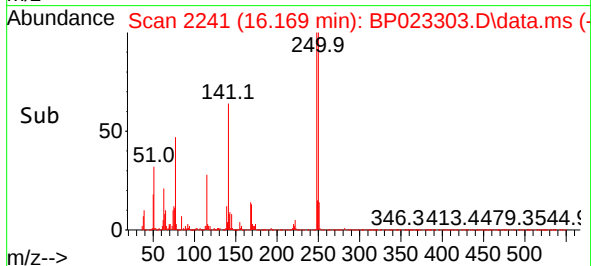
Tgt Ion: 248 Resp: 2893  
Ion Ratio Lower Upper  
248 100  
250 99.5 77.1 115.7  
141 64.5 50.7 76.1

Manual Integrations  
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Reviewed By : Jagrut  
Upadhyay

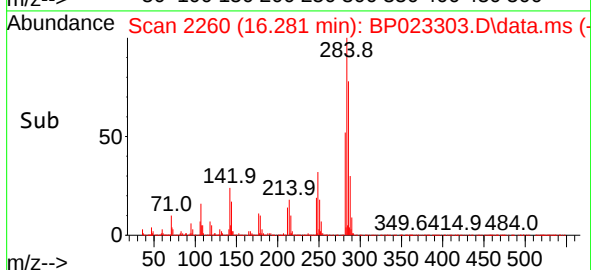
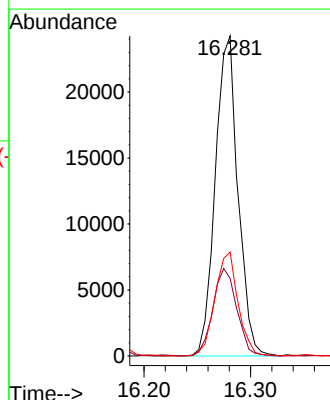
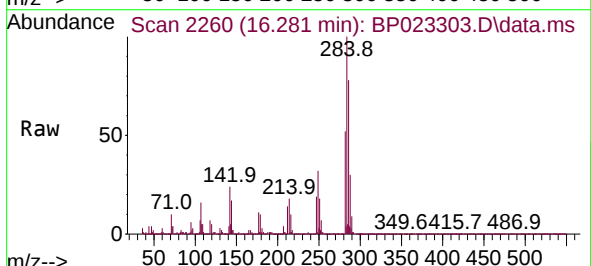
11/25/2024  
Supervised By : mohammad  
ahmed

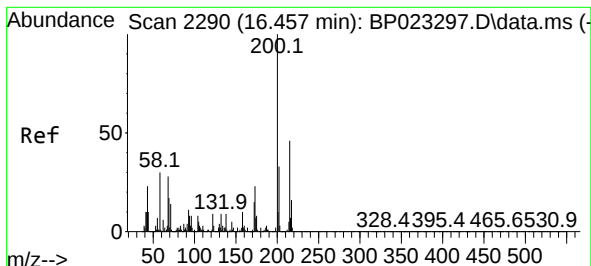
11/27/2024



#69  
Hexachlorobenzene  
Concen: 4.189 ng/ul  
RT: 16.281 min Scan# 2260  
Delta R.T. -0.006 min  
Lab File: BP023303.D  
Acq: 22 Nov 2024 14:42

Tgt Ion: 284 Resp: 35797  
Ion Ratio Lower Upper  
284 100  
142 23.0 21.5 32.3  
249 30.8 25.6 38.4





#70

Atrazine

Concen: 4.221 ng/ul

RT: 16.463 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP023303.D

Acq: 22 Nov 2024 14:42

Instrument :

BNA\_P

ClientSampleId :

MDL-WATER-QT4-2024-07

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 200   | Resp: | 2826 |
| Ion Ratio | Lower | Upper |      |
| 200       | 100   |       |      |
| 173       | 24.7  | 18.6  | 27.8 |
| 215       | 47.8  | 38.3  | 57.5 |

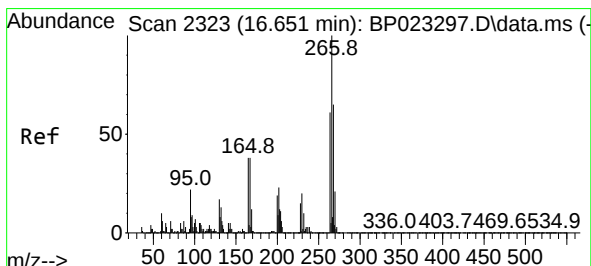
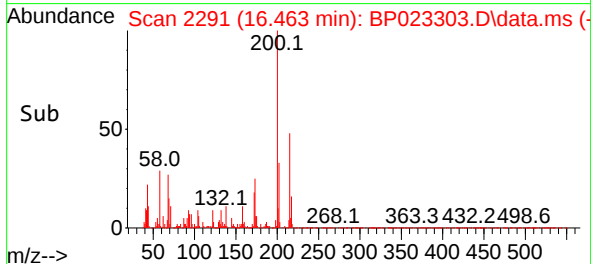
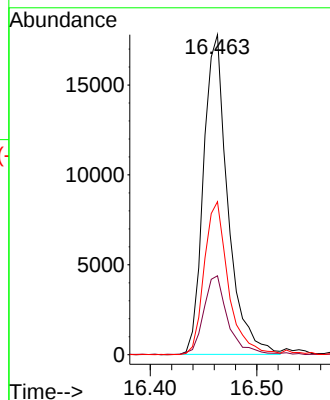
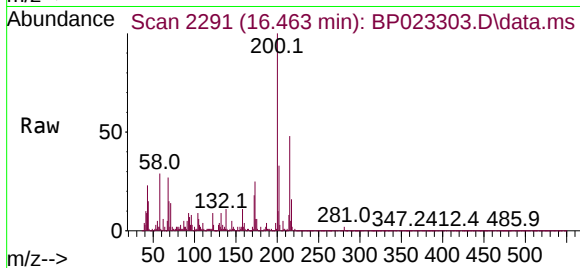
Manual Integrations  
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Reviewed By :Jagrut  
Upadhyay

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Supervised By :mohammad  
ahmed

11/27/2024



#71

Pentachlorophenol

Concen: 6.155 ng/ul

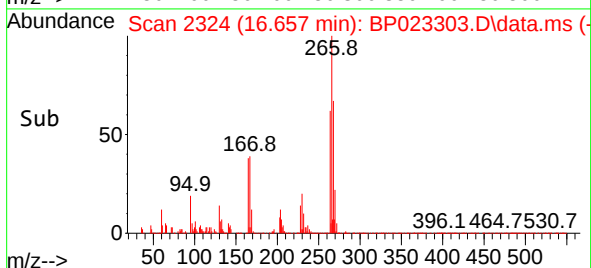
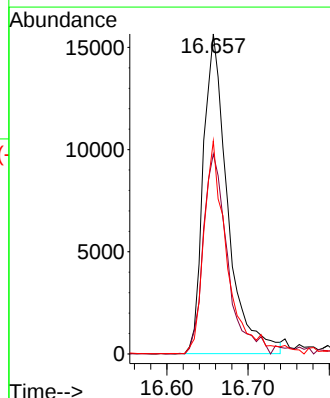
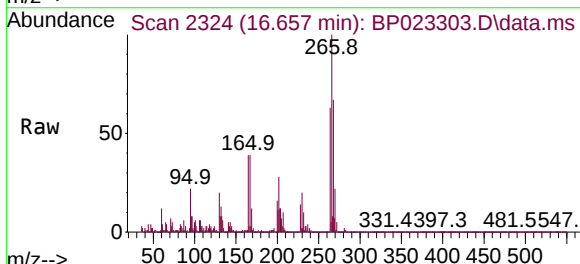
RT: 16.657 min Scan# 2324

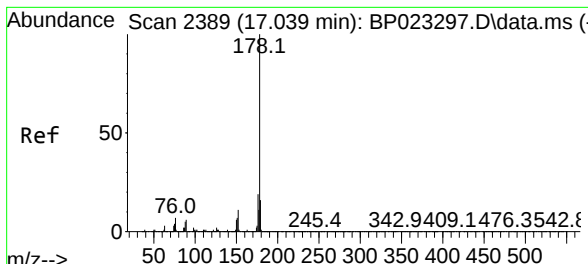
Delta R.T. -0.006 min

Lab File: BP023303.D

Acq: 22 Nov 2024 14:42

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 266   | Resp: | 32654 |
| Ion Ratio | Lower | Upper |       |
| 266       | 100   |       |       |
| 264       | 62.5  | 50.7  | 76.1  |
| 268       | 66.6  | 51.9  | 77.9  |



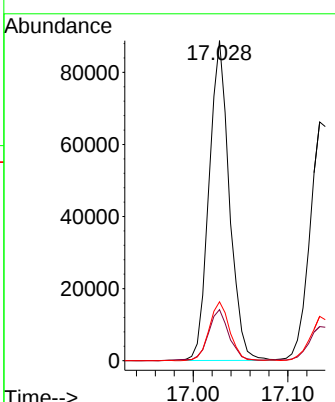
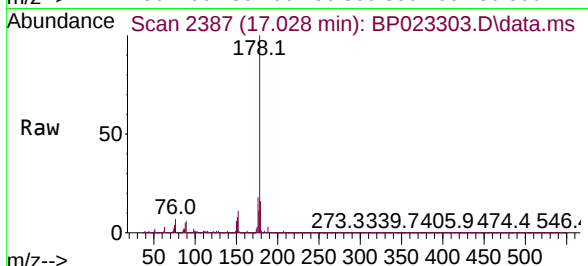


#72  
 Phenanthrene  
 Concen: 4.667 ng/ul  
 RT: 17.028 min Scan# 21  
 Delta R.T. -0.017 min  
 Lab File: BP023303.D  
 Acq: 22 Nov 2024 14:42

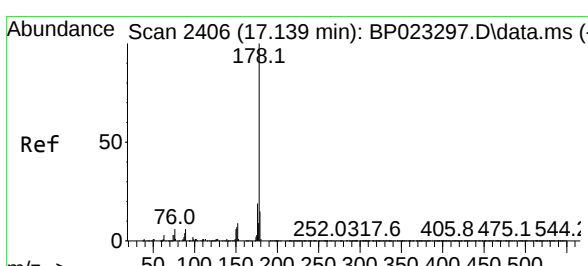
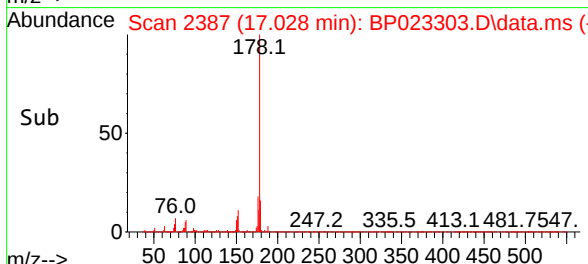
Instrument : BNA\_P  
 ClientSampleId : MDL-WATER-QT4-2024-07

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 178   | Resp: | 132104 |
| Ion Ratio | Lower | Upper |        |
| 178       | 100   |       |        |
| 179       | 15.9  | 12.7  | 19.1   |
| 176       | 18.4  | 15.4  | 23.2   |

Manual Integrations  
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 Reviewed By :Jagrut Upadhyay  
 11/25/2024

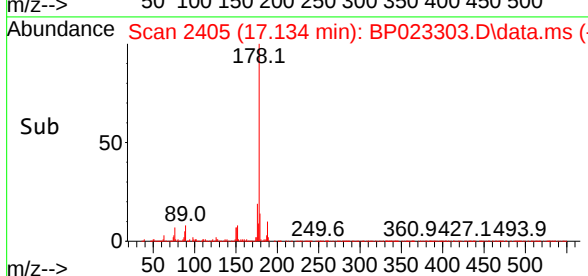
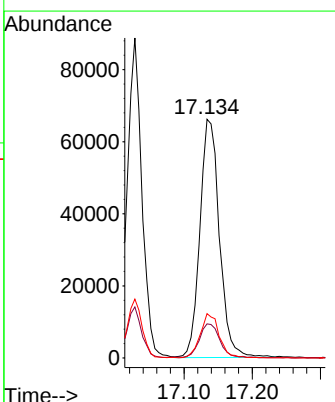
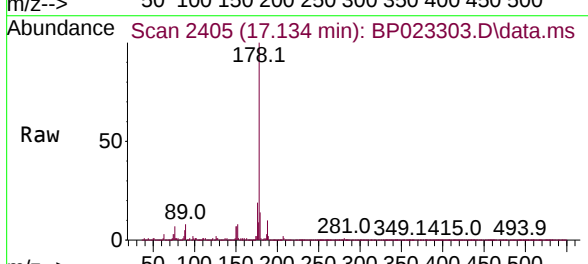


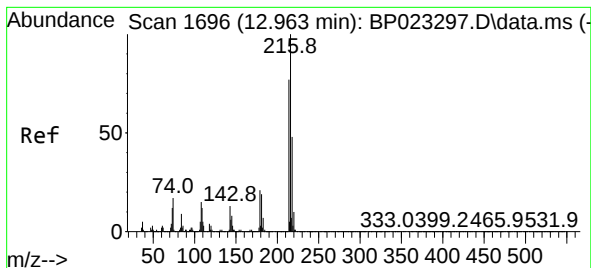
Supervised By :mohammad ahmed  
 11/27/2024



#74  
 Anthracene  
 Concen: 4.636 ng/ul  
 RT: 17.134 min Scan# 2405  
 Delta R.T. 0.006 min  
 Lab File: BP023303.D  
 Acq: 22 Nov 2024 14:42

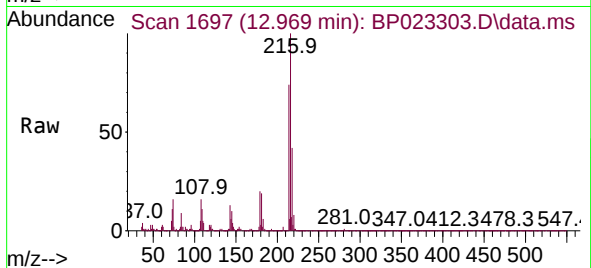
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 178   | Resp: | 131915 |
| Ion Ratio | Lower | Upper |        |
| 178       | 100   |       |        |
| 179       | 14.3  | 12.4  | 18.6   |
| 176       | 18.5  | 14.5  | 21.7   |





#75  
1,2,3,4-Tetrachlorobenzene  
Concen: 4.462 ng/uL  
RT: 12.969 min Scan# 1696  
Delta R.T. 0.000 min  
Lab File: BP023303.D  
Acq: 22 Nov 2024 14:42

Instrument :  
BNA\_P  
ClientSampleId :  
MDL-WATER-QT4-2024-07



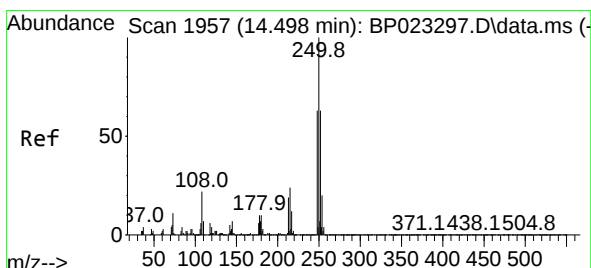
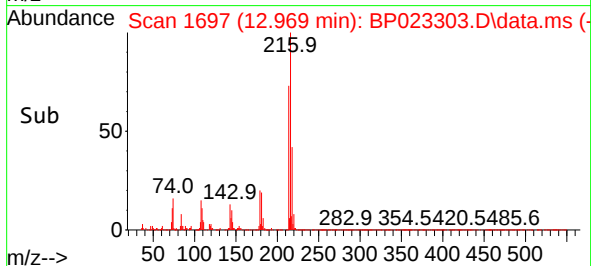
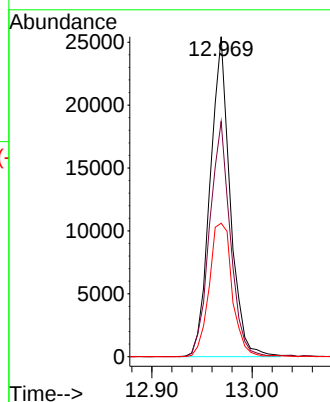
Tgt Ion:216 Resp: 3531  
Ion Ratio Lower Upper  
216 100  
214 73.5 60.2 90.2  
218 41.7 38.1 57.1

Manual Integrations  
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Reviewed By :Jagrut  
Upadhyay

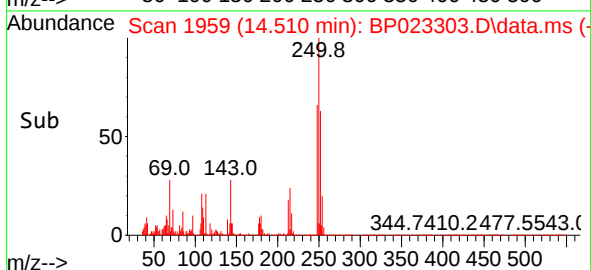
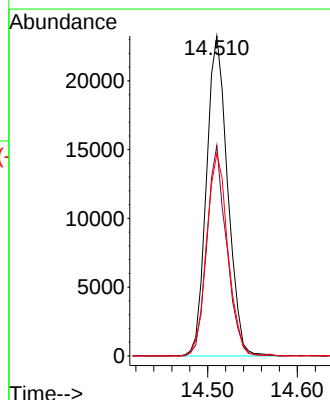
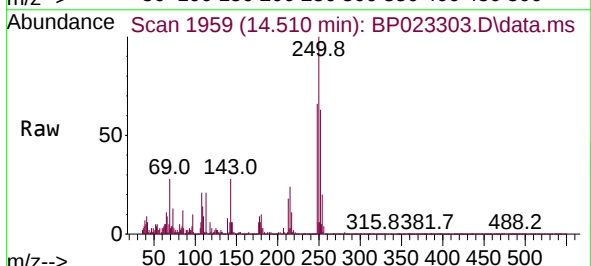
11/25/2024  
Supervised By :mohammad  
ahmed

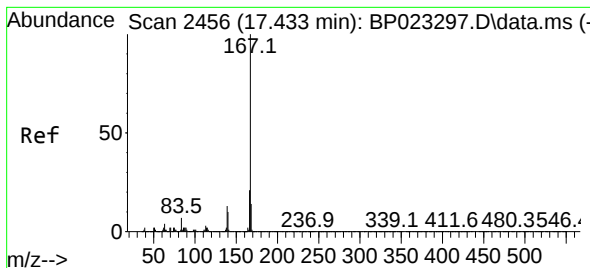
11/27/2024



#76  
Pentachlorobenzene  
Concen: 4.210 ng/uL  
RT: 14.510 min Scan# 1959  
Delta R.T. -0.006 min  
Lab File: BP023303.D  
Acq: 22 Nov 2024 14:42

Tgt Ion:250 Resp: 38044  
Ion Ratio Lower Upper  
250 100  
248 65.7 52.2 78.2  
252 63.2 50.1 75.1





#77

Carbazole

Concen: 4.251 ng/ul

RT: 17.434 min Scan# 2456

Delta R.T. 0.006 min

Lab File: BP023303.D

Acq: 22 Nov 2024 14:42

Instrument :

BNA\_P

ClientSampleId :

MDL-WATER-QT4-2024-07

|             |             |
|-------------|-------------|
| Tgt Ion:167 | Resp: 10553 |
| Ion Ratio   | Lower Upper |
| 167 100     |             |
| 166 22.6    | 17.5 26.3   |
| 139 11.6    | 9.6 14.4    |

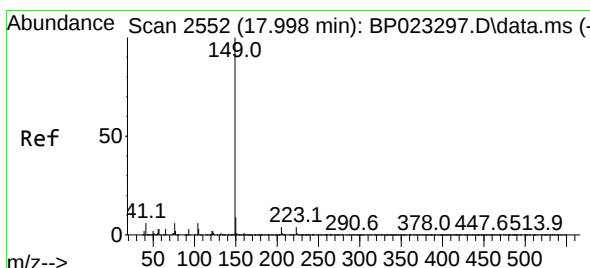
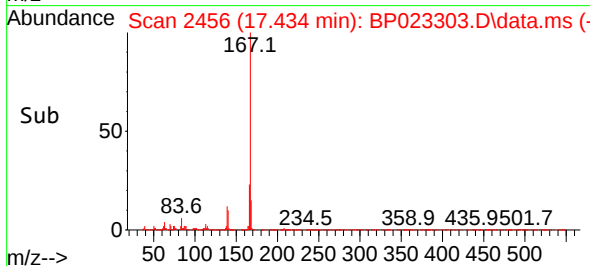
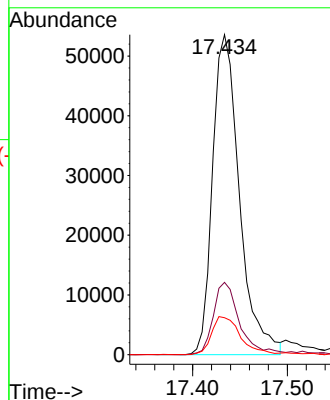
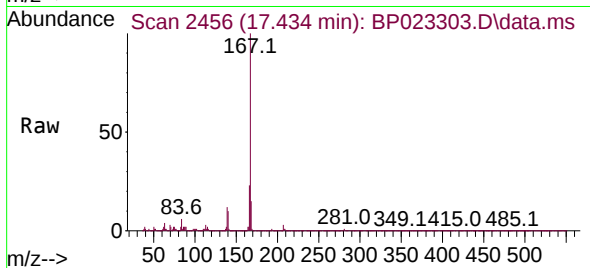
Manual Integrations  
APPROVED

Reviewed By :Jagrut  
Upadhyay

11/25/2024

Supervised By :mohammad  
ahmed

11/27/2024



#78

Di-n-butylphthalate

Concen: 4.172 ng/ul

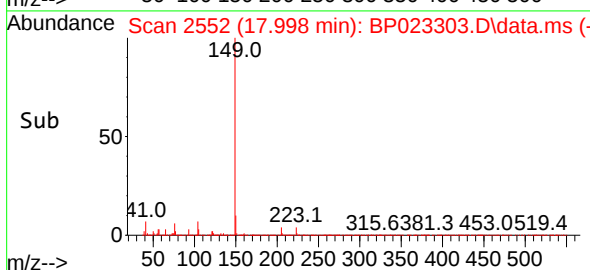
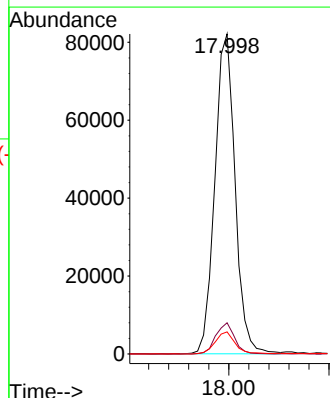
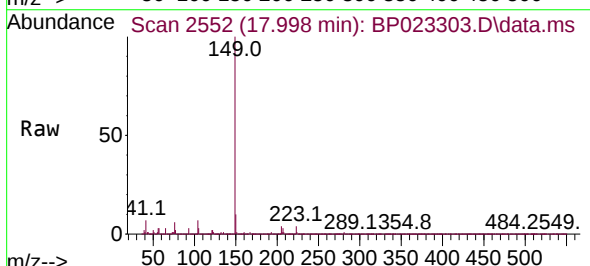
RT: 17.998 min Scan# 2552

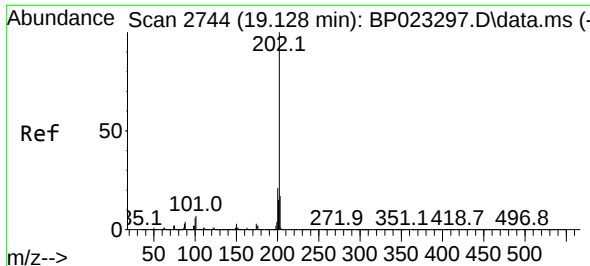
Delta R.T. -0.012 min

Lab File: BP023303.D

Acq: 22 Nov 2024 14:42

|             |              |
|-------------|--------------|
| Tgt Ion:149 | Resp: 114932 |
| Ion Ratio   | Lower Upper  |
| 149 100     |              |
| 150 9.8     | 7.2 10.8     |
| 104 6.9     | 5.0 7.4      |





#80  
Fluoranthene  
Concen: 4.386 ng/u1  
RT: 19.134 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BP023303.D  
Acq: 22 Nov 2024 14:42

Instrument :  
BNA\_P  
ClientSampleId :  
MDL-WATER-QT4-2024-07

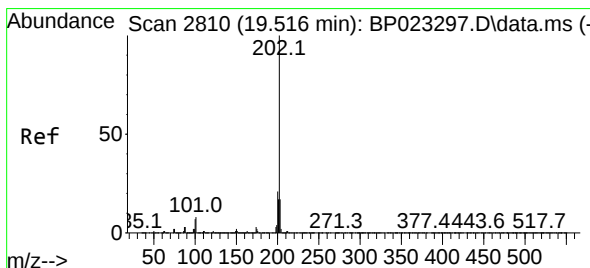
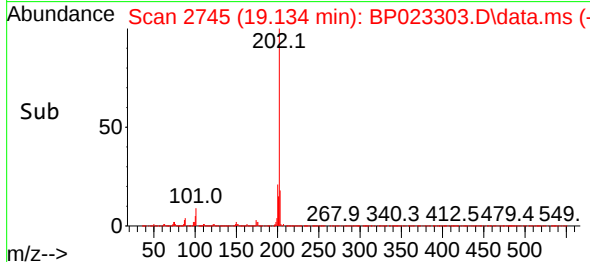
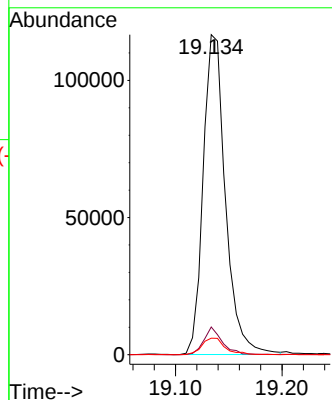
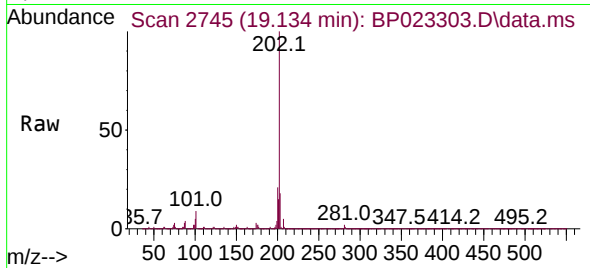
Tgt Ion:202 Resp: 16990  
Ion Ratio Lower Upper  
202 100  
101 8.7 5.2 7.8  
100 5.1 4.1 6.1

Manual Integrations  
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Reviewed By :Jagrut  
Upadhyay

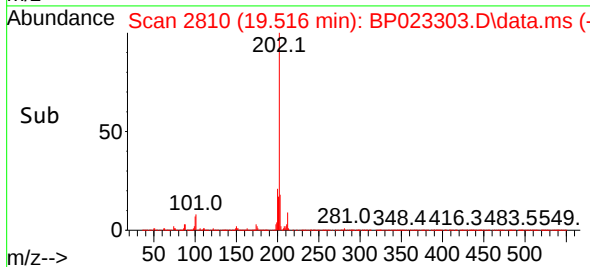
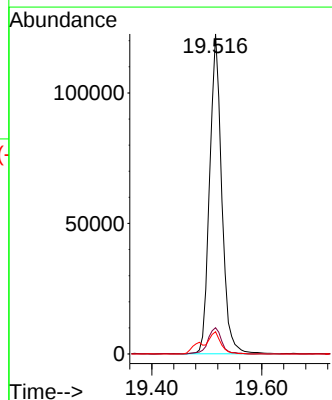
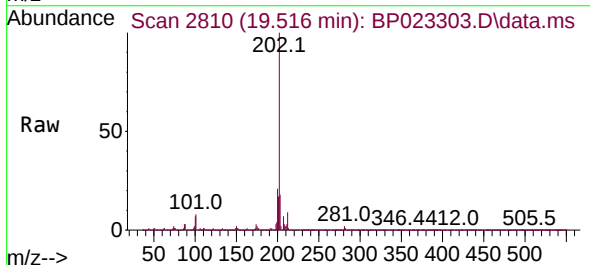
11/25/2024  
Supervised By :mohammad  
ahmed

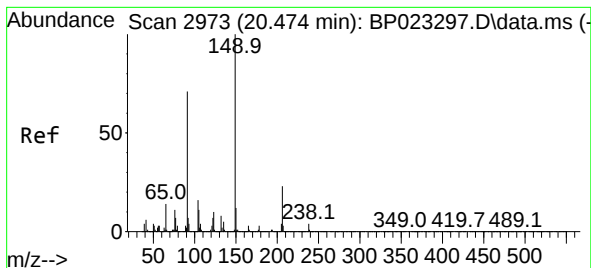
11/27/2024



#82  
Pyrene  
Concen: 4.504 ng/u1  
RT: 19.516 min Scan# 2810  
Delta R.T. 0.000 min  
Lab File: BP023303.D  
Acq: 22 Nov 2024 14:42

Tgt Ion:202 Resp: 187460  
Ion Ratio Lower Upper  
202 100  
101 8.2 6.2 9.2  
100 6.9 4.9 7.3





#83

Butylbenzylphthalate

Concen: 3.997 ng/ul

RT: 20.463 min Scan# 2973

Delta R.T. 0.000 min

Lab File: BP023303.D

Acq: 22 Nov 2024 14:42

Instrument :

BNA\_P

ClientSampleId :

MDL-WATER-QT4-2024-07

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 149   | Resp: | 5476 |
| Ion Ratio | Lower | Upper |      |
| 149       | 100   |       |      |
| 91        | 71.1  | 55.6  | 83.4 |
| 206       | 26.6  | 20.2  | 30.2 |

Manual Integrations

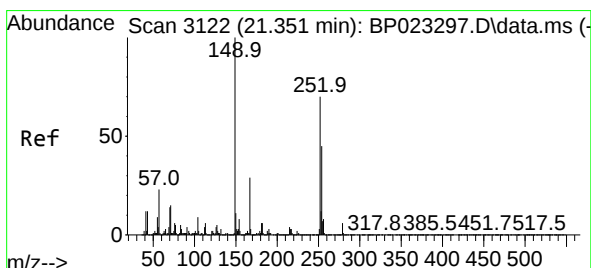
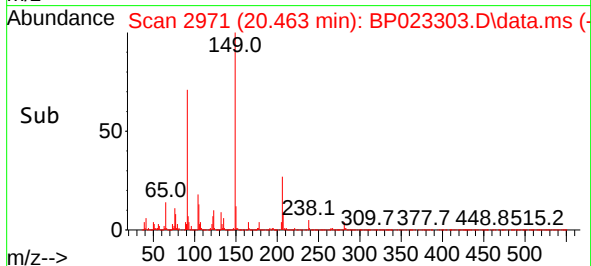
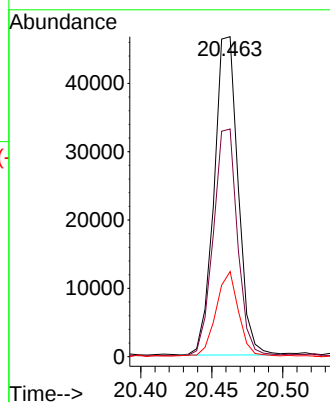
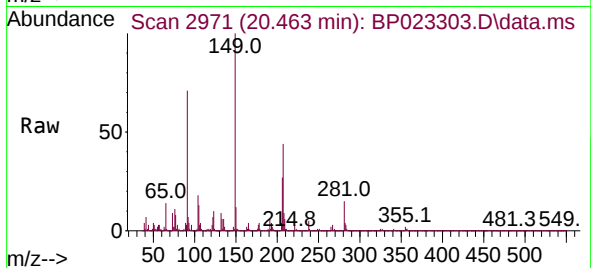
APPROVED

Reviewed By :Jagrut  
Upadhyay

11/25/2024

Supervised By :mohammad  
ahmed

11/27/2024



#84

3,3'-Dichlorobenzidine

Concen: 3.955 ng/ul

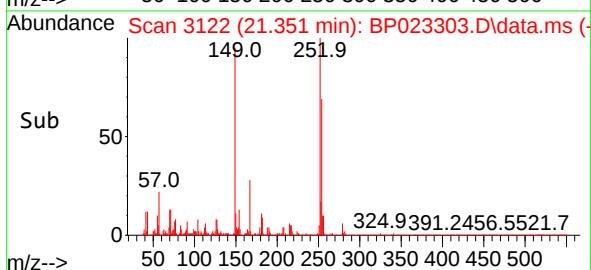
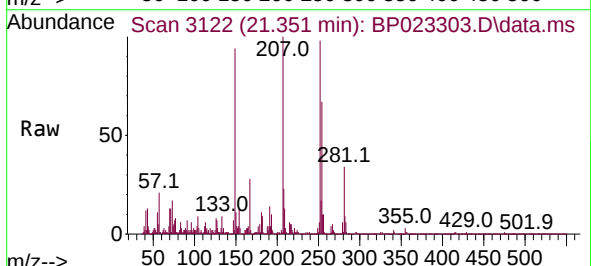
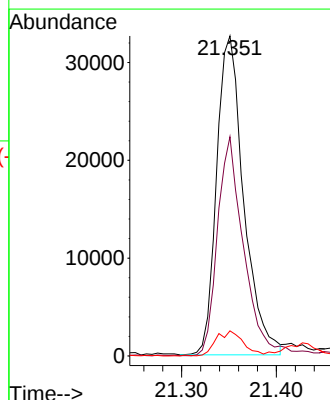
RT: 21.351 min Scan# 3122

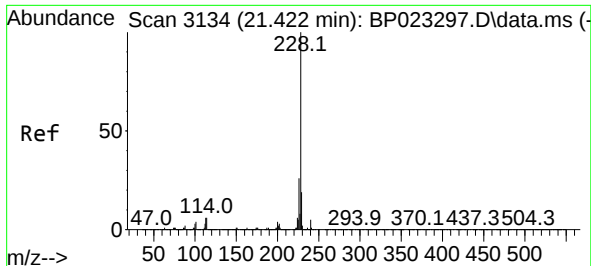
Delta R.T. 0.012 min

Lab File: BP023303.D

Acq: 22 Nov 2024 14:42

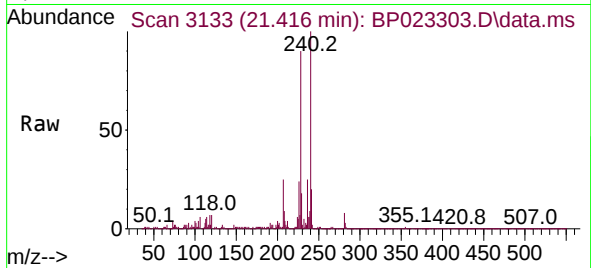
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 252   | Resp: | 64816 |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 254       | 68.5  | 52.0  | 78.0  |
| 126       | 7.9   | 5.0   | 7.6   |





#85  
Benzo(a)anthracene  
Concen: 4.516 ng/ul  
RT: 21.416 min Scan# 3134  
Delta R.T. 0.012 min  
Lab File: BP023303.D  
Acq: 22 Nov 2024 14:42

Instrument : BNA\_P  
ClientSampleId : MDL-WATER-QT4-2024-07



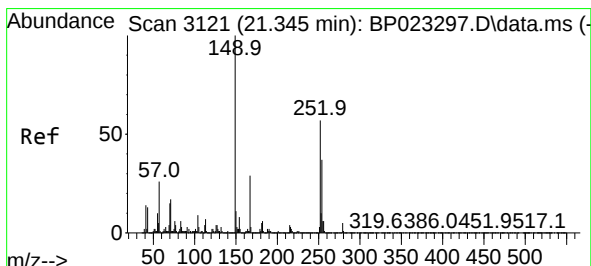
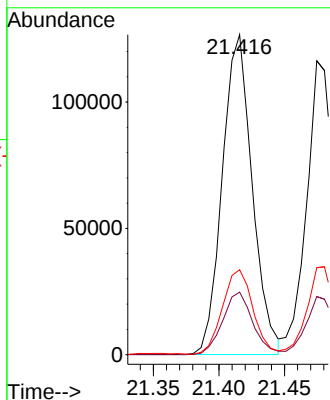
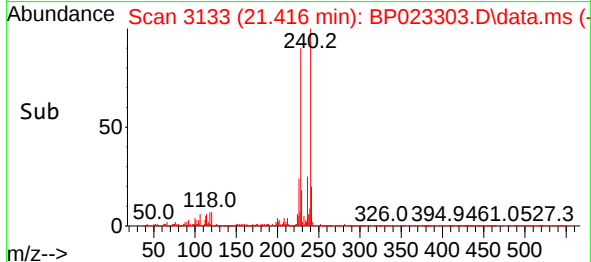
Tgt Ion: 228 Resp: 201324  
Ion Ratio Lower Upper  
228 100  
229 19.5 15.5 23.3  
226 26.6 21.9 32.9

Manual Integrations  
APPROVED

Reviewed By : Jagrut  
Upadhyay

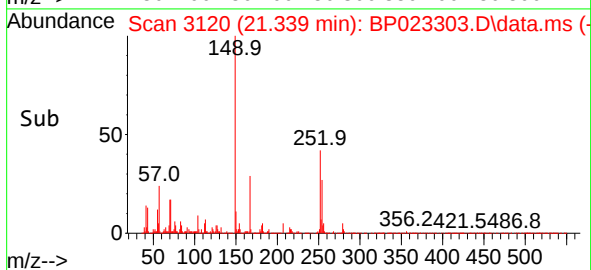
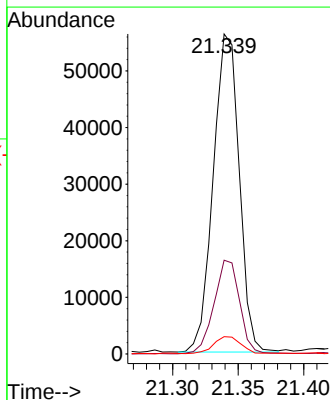
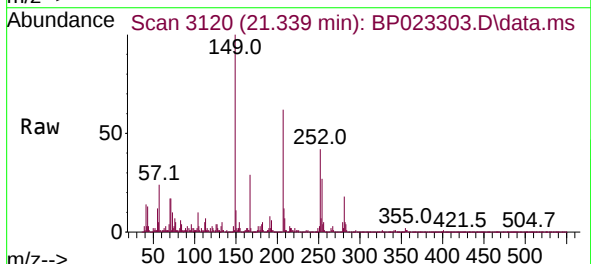
11/25/2024  
Supervised By : mohammad  
ahmed

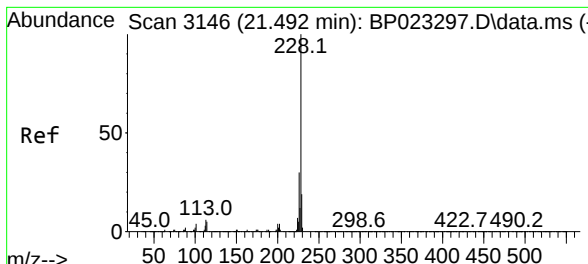
11/27/2024



#86  
Bis(2-ethylhexyl)phthalate  
Concen: 3.979 ng/ul  
RT: 21.339 min Scan# 3120  
Delta R.T. 0.006 min  
Lab File: BP023303.D  
Acq: 22 Nov 2024 14:42

Tgt Ion: 149 Resp: 77471  
Ion Ratio Lower Upper  
149 100  
167 29.3 24.5 36.7  
279 5.4 5.5 8.3





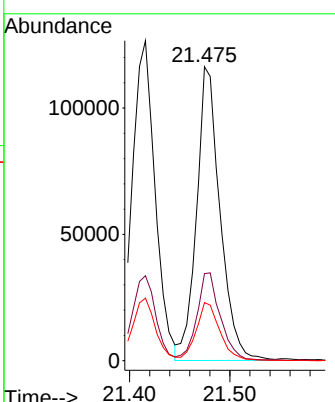
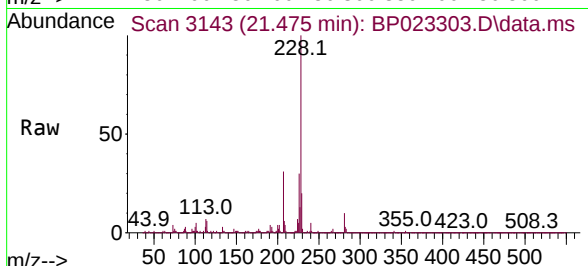
#87  
**Chrysene**  
 Concen: 4.526 ng/ul  
 RT: 21.475 min Scan# 3143  
 Delta R.T. 0.006 min  
 Lab File: BP023303.D  
 Acq: 22 Nov 2024 14:42

**Instrument :** BNA\_P  
**ClientSampleId :** MDL-WATER-QT4-2024-07

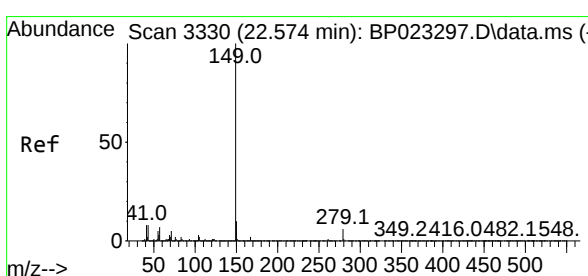
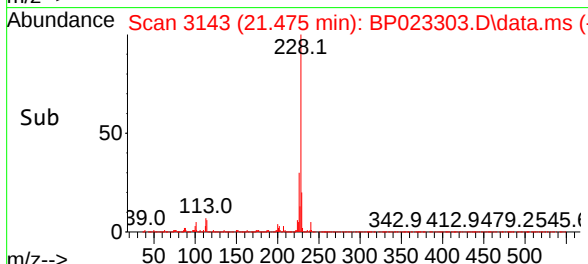
Tgt Ion: 228 Resp: 189854

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 29.6  | 24.2  | 36.2  |
| 229 | 19.8  | 16.1  | 24.1  |

**Manual Integrations**  
**APPROVED**  
 Reviewed By : Jagrut Upadhyay  
 11/25/2024

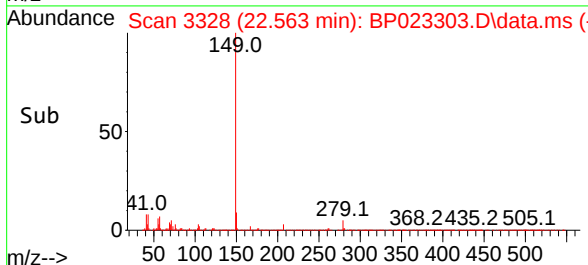
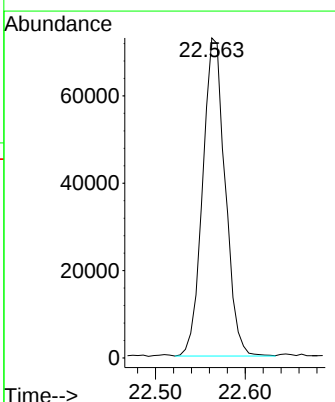
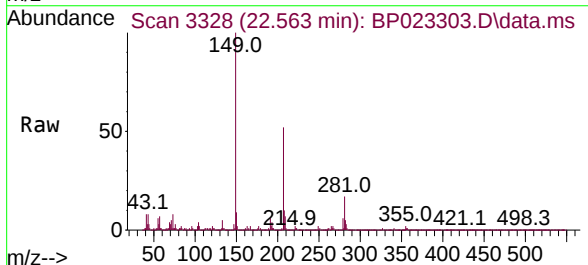


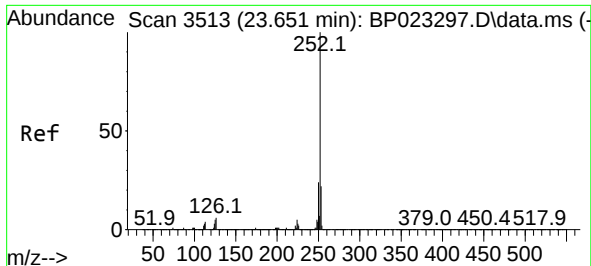
Supervised By : mohammad ahmed  
 11/27/2024



#89  
**Di-n-octyl phthalate**  
 Concen: 3.891 ng/ul  
 RT: 22.563 min Scan# 3328  
 Delta R.T. 0.012 min  
 Lab File: BP023303.D  
 Acq: 22 Nov 2024 14:42

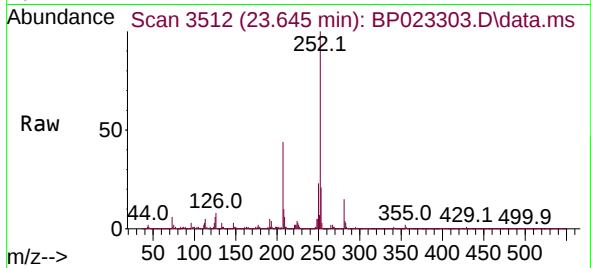
Tgt Ion: 149 Resp: 126823





#90  
Benzo(b)fluoranthene  
Concen: 4.627 ng/ul m  
RT: 23.645 min Scan# 3513  
Delta R.T. 0.018 min  
Lab File: BP023303.D  
Acq: 22 Nov 2024 14:42

Instrument : BNA\_P  
ClientSampleId : MDL-WATER-QT4-2024-07



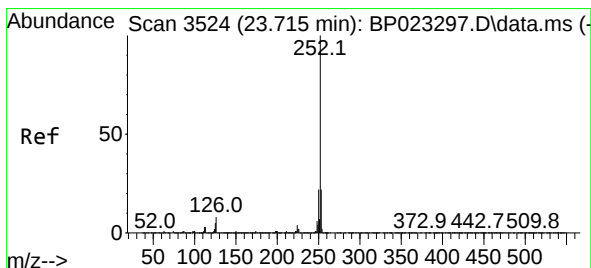
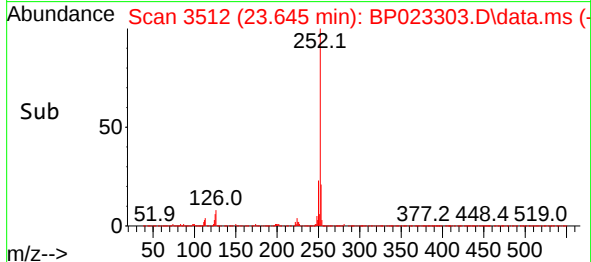
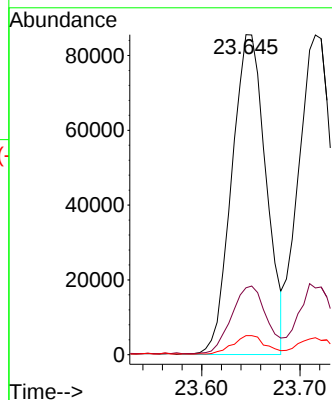
Tgt Ion:252 Resp: 20692  
Ion Ratio Lower Upper  
252 100  
253 20.9 17.4 26.2  
125 6.0 3.7 5.5

Manual Integrations  
APPROVED

Reviewed By :Jagrut  
Upadhyay

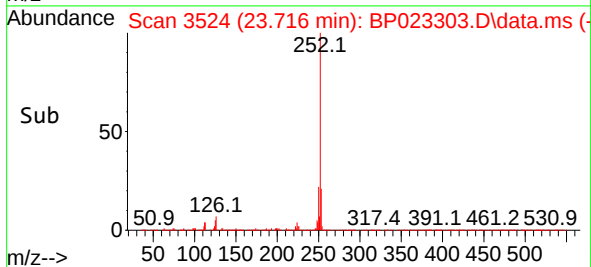
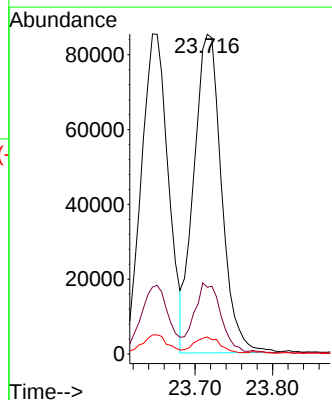
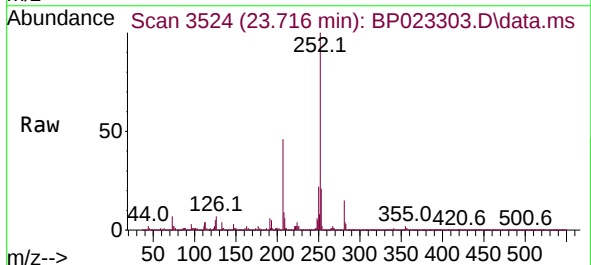
11/25/2024  
Supervised By :mohammad  
ahmed

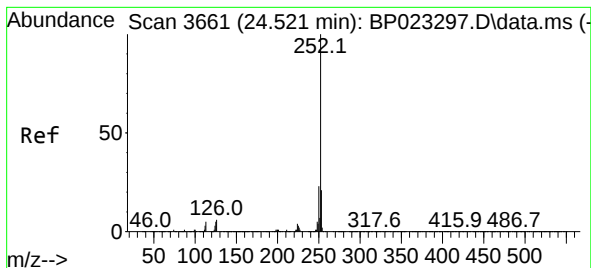
11/27/2024



#91  
Benzo(k)fluoranthene  
Concen: 4.803 ng/ul  
RT: 23.716 min Scan# 3524  
Delta R.T. 0.030 min  
Lab File: BP023303.D  
Acq: 22 Nov 2024 14:42

Tgt Ion:252 Resp: 211443  
Ion Ratio Lower Upper  
252 100  
253 20.9 17.8 26.8  
125 5.3 3.0 4.4





#93

Benzo(a)pyrene

Concen: 4.354 ng/ul

RT: 24.516 min Scan# 30

Delta R.T. 0.030 min

Lab File: BP023303.D

Acq: 22 Nov 2024 14:42

Instrument :

BNA\_P

ClientSampleId :

MDL-WATER-QT4-2024-07

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 252   | Resp: | 17601 |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 253       | 22.0  | 17.6  | 26.4  |
| 125       | 6.1   | 4.2   | 6.2   |

Manual Integrations

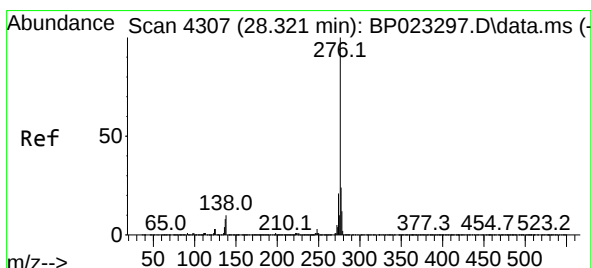
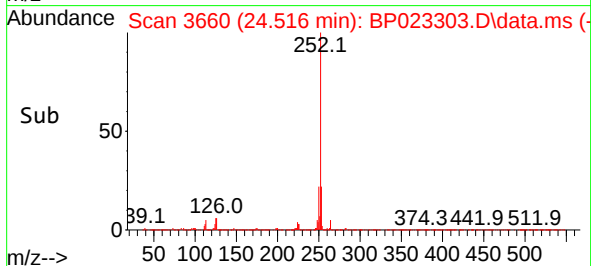
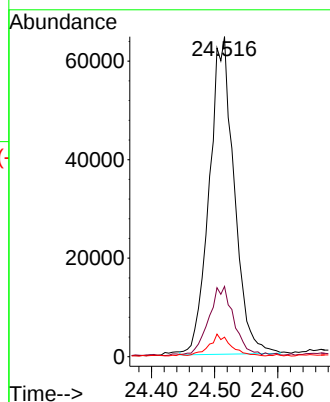
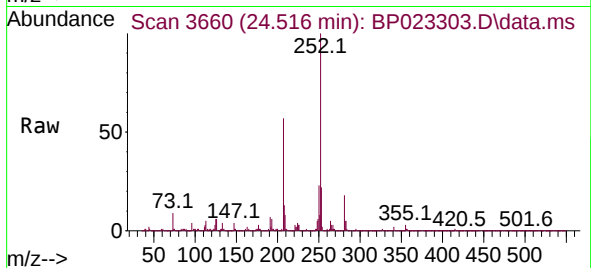
APPROVED

Reviewed By :Jagrut  
Upadhyay

11/25/2024

Supervised By :mohammad  
ahmed

11/27/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.419 ng/ul m

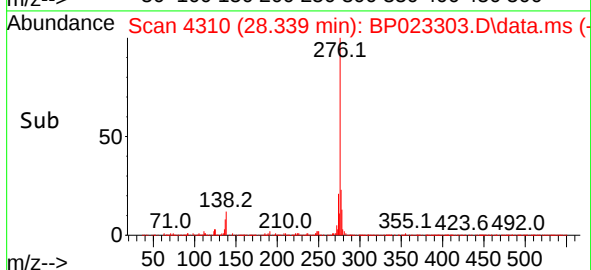
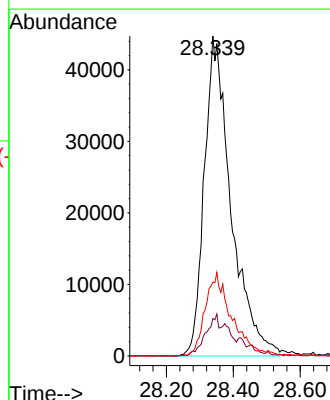
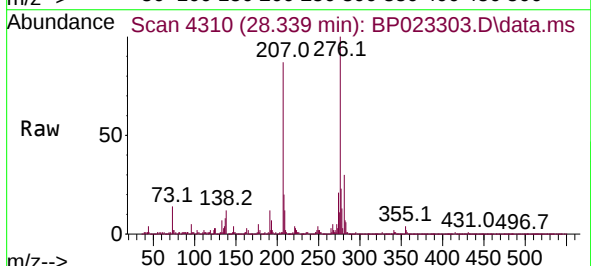
RT: 28.339 min Scan# 4310

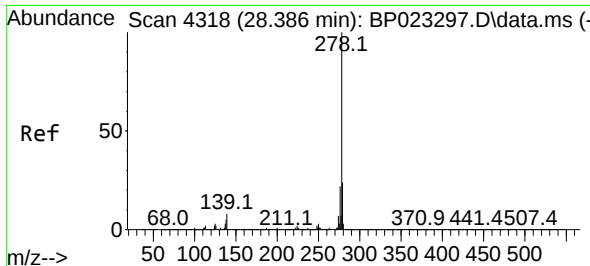
Delta R.T. 0.065 min

Lab File: BP023303.D

Acq: 22 Nov 2024 14:42

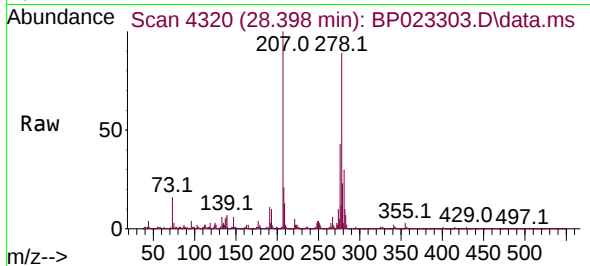
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 276   | Resp: | 248881 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 138       | 11.7  | 7.0   | 10.4   |
| 277       | 23.0  | 19.8  | 29.8   |





#95  
Dibenzo(a,h)anthracene  
Concen: 4.477 ng/ul m  
RT: 28.398 min Scan# 4318  
Delta R.T. 0.077 min  
Lab File: BP023303.D  
Acq: 22 Nov 2024 14:42

Instrument : BNA\_P  
ClientSampleId : MDL-WATER-QT4-2024-07



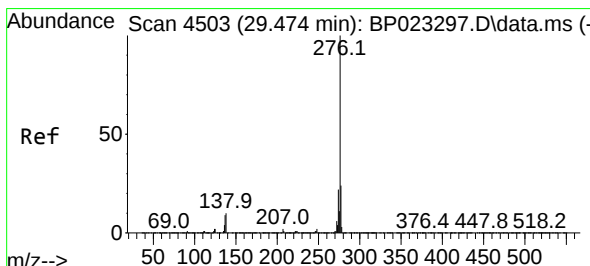
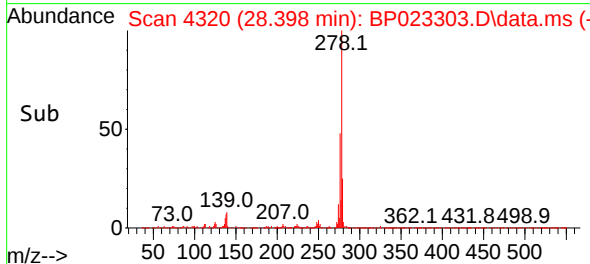
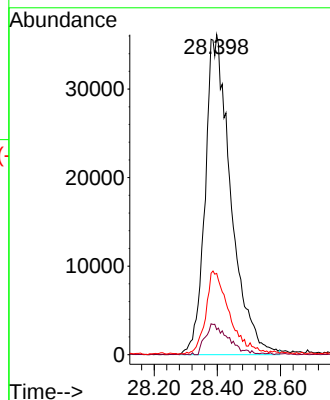
Tgt Ion: 278 Resp: 204744  
Ion Ratio Lower Upper  
278 100  
139 7.8 5.4 8.0  
279 25.4 19.4 29.2

Manual Integrations  
APPROVED

Reviewed By : Jagrut  
Upadhyay

11/25/2024  
Supervised By : mohammad  
ahmed

11/27/2024



#96  
Benzo(g,h,i)perylene  
Concen: 4.452 ng/ul m  
RT: 29.474 min Scan# 4503  
Delta R.T. 0.065 min  
Lab File: BP023303.D  
Acq: 22 Nov 2024 14:42

Tgt Ion: 276 Resp: 190469  
Ion Ratio Lower Upper  
276 100  
138 12.1 7.1 10.7#  
277 22.6 19.4 29.2

