

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091522\  
 Data File : BP011714.D  
 Acq On : 15 Sep 2022 19:20  
 Operator : CG/JU  
 Sample : N3980-07  
 Misc : LOD-MDL-WATER-8NG  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT3-2022

Quant Time: Sep 16 03:55:37 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091422.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 16 03:52:34 2022  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By : Christian Giraldo 09/16/2022  
 Supervised By : Jagrut Upadhyay 09/16/2022

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.940  | 152  | 429736   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.752 | 136  | 1775489  | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.575 | 164  | 1211718  | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10          | 17.334 | 188  | 2399124  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.410 | 240  | 2244952  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 23.863 | 264  | 2192257  | 20.000  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.493  | 112  | 2542748  | 107.702 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.093  | 99   | 3397871  | 107.967 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.105  | 82   | 2246698  | 75.047  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.069 | 330  | 1329139  | 140.388 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.204 | 172  | 5906121  | 75.766  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.886 | 244  | 8150086  | 78.946  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.376  | 88   | 84910    | 8.167   | ng    | # 83     |
| 3) Pyridine                   | 3.793  | 79   | 185015   | 6.172   | ng    | # 79     |
| 4) n-Nitrosodimethylamine     | 3.693  | 42   | 89510    | 7.789   | ng    | # 51     |
| 6) Aniline                    | 7.264  | 93   | 328646   | 8.477   | ng    | 91       |
| 8) 2-Chlorophenol             | 7.499  | 128  | 224611   | 8.023   | ng    | 93       |
| 9) Benzaldehyde               | 7.075  | 77   | 196641   | 9.761   | ng    | 91       |
| 10) Phenol                    | 7.122  | 94   | 280208   | 7.916   | ng    | 84       |
| 11) bis(2-Chloroethyl)ether   | 7.358  | 93   | 225272   | 7.989   | ng    | 95       |
| 12) 1,3-Dichlorobenzene       | 7.828  | 146  | 246783   | 7.949   | ng    | # 92     |
| 13) 1,4-Dichlorobenzene       | 7.975  | 146  | 248940   | 7.885   | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 8.293  | 146  | 238981   | 7.940   | ng    | 97       |
| 15) Benzyl Alcohol            | 8.181  | 79   | 171144   | 7.618   | ng    | # 91     |
| 16) 2,2'-oxybis(1-Chloropr... | 8.469  | 45   | 314379   | 8.347   | ng    | 93       |
| 17) 2-Methylphenol            | 8.381  | 107  | 168351   | 7.325   | ng    | # 91     |
| 18) Hexachloroethane          | 9.022  | 117  | 84173    | 7.708   | ng    | 89       |
| 19) n-Nitroso-di-n-propyla... | 8.746  | 70   | 157037   | 7.707   | ng    | # 83     |
| 20) 3+4-Methylphenols         | 8.705  | 107  | 227086   | 7.194   | ng    | 92       |
| 22) Acetophenone              | 8.763  | 105  | 331679   | 7.969   | ng    | # 89     |
| 24) Nitrobenzene              | 9.146  | 77   | 248346   | 7.973   | ng    | 92       |
| 25) Isophorone                | 9.675  | 82   | 401638   | 7.584   | ng    | 95       |
| 26) 2-Nitrophenol             | 9.858  | 139  | 76201    | 5.963   | ng    | 89       |
| 27) 2,4-Dimethylphenol        | 9.916  | 122  | 176159   | 7.956   | ng    | 91       |
| 28) bis(2-Chloroethoxy)met... | 10.158 | 93   | 290401   | 8.575   | ng    | 97       |
| 29) 2,4-Dichlorophenol        | 10.393 | 162  | 169943   | 6.929   | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 10.610 | 180  | 202855   | 7.471   | ng    | 98       |
| 31) Naphthalene               | 10.799 | 128  | 704032   | 7.641   | ng    | 99       |
| 32) Benzoic acid              | 9.981  | 122  | 58990    | 3.560   | ng    | 85       |
| 33) 4-Chloroaniline           | 10.910 | 127  | 275521   | 7.622   | ng    | # 93     |
| 34) Hexachlorobutadiene       | 11.087 | 225  | 108541   | 7.256   | ng    | 99       |
| 35) Caprolactam               | 11.681 | 113  | 48881    | 6.151   | ng    | # 74     |
| 36) 4-Chloro-3-methylphenol   | 12.028 | 107  | 206537   | 7.830   | ng    | 89       |
| 37) 2-Methylnaphthalene       | 12.404 | 142  | 540165   | 8.760   | ng    | 97       |
| 38) 1-Methylnaphthalene       | 12.622 | 142  | 512188   | 8.496   | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 12.769 | 216  | 268338   | 8.391   | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.752 | 237  | 143473   | 8.988   | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 13.010 | 196  | 147772   | 6.793   | ng    | 98       |

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Quant Time: Sep 16 03:55:37 2022  
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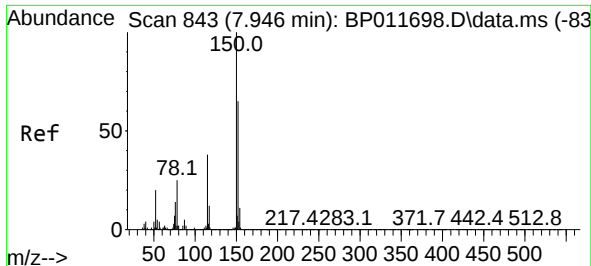
Manual Integrations  
 APPROVED

Reviewed By :Christian Giraldo 09/16/2022  
 Supervised By :Jagrut Upadhyay 09/16/2022

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.075 | 196  | 167618   | 6.892 | ng    | 96       |
| 46) 1,1'-Biphenyl             | 13.410 | 154  | 708060   | 8.032 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.451 | 162  | 529868   | 7.640 | ng    | 97       |
| 48) 2-Nitroaniline            | 13.657 | 65   | 106069   | 5.453 | ng    | # 85     |
| 49) Acenaphthylene            | 14.298 | 152  | 768511   | 7.161 | ng    | 100      |
| 50) Dimethylphthalate         | 14.034 | 163  | 620251   | 7.337 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.151 | 165  | 109516   | 6.389 | ng    | # 86     |
| 52) Acenaphthene              | 14.640 | 154  | 513383m  | 7.192 | ng    |          |
| 53) 3-Nitroaniline            | 14.481 | 138  | 113855   | 5.760 | ng    | 91       |
| 54) 2,4-Dinitrophenol         | 14.681 | 184  | 35574    | 4.260 | ng    | 87       |
| 55) Dibenzofuran              | 14.975 | 168  | 802285   | 7.805 | ng    | 97       |
| 56) 4-Nitrophenol             | 14.781 | 139  | 86005    | 5.164 | ng    | # 70     |
| 57) 2,4-Dinitrotoluene        | 14.934 | 165  | 124372   | 5.601 | ng    | # 92     |
| 58) Fluorene                  | 15.628 | 166  | 630794   | 7.565 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.198 | 232  | 135670   | 6.790 | ng    | 99       |
| 60) Diethylphthalate          | 15.398 | 149  | 587319   | 6.979 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 15.622 | 204  | 311523   | 8.083 | ng    | 93       |
| 62) 4-Nitroaniline            | 15.640 | 138  | 108929   | 5.482 | ng    | # 85     |
| 63) Azobenzene                | 15.916 | 77   | 514430   | 6.361 | ng    | 90       |
| 65) 4,6-Dinitro-2-methylph... | 15.698 | 198  | 52864    | 4.506 | ng    | 85       |
| 66) n-Nitrosodiphenylamine    | 15.834 | 169  | 521328   | 7.303 | ng    | 96       |
| 67) 4-Bromophenyl-phenylether | 16.516 | 248  | 175497   | 7.814 | ng    | 99       |
| 68) Hexachlorobenzene         | 16.628 | 284  | 209799   | 8.674 | ng    | 96       |
| 69) Atrazine                  | 16.787 | 200  | 160063   | 7.346 | ng    | 98       |
| 70) Pentachlorophenol         | 16.975 | 266  | 94516    | 6.160 | ng    | 99       |
| 71) Phenanthrene              | 17.375 | 178  | 964355   | 7.387 | ng    | 99       |
| 72) Anthracene                | 17.463 | 178  | 907369   | 7.349 | ng    | 99       |
| 73) Carbazole                 | 17.734 | 167  | 838410   | 7.198 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.287 | 149  | 853486   | 6.079 | ng    | 98       |
| 75) Fluoranthene              | 19.334 | 202  | 1017043  | 7.224 | ng    | 98       |
| 77) Benzidine                 | 19.516 | 184  | 430898   | 8.071 | ng    | 99       |
| 78) Pyrene                    | 19.686 | 202  | 1068813  | 7.059 | ng    | 98       |
| 80) Butylbenzylphthalate      | 20.557 | 149  | 329145   | 5.187 | ng    | 93       |
| 81) Benzo(a)anthracene        | 21.398 | 228  | 1033456  | 7.142 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 21.328 | 252  | 352287   | 8.016 | ng    | 99       |
| 83) Chrysene                  | 21.451 | 228  | 999586   | 7.230 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.322 | 149  | 472117   | 5.172 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.263 | 149  | 724853   | 4.628 | ng    | # 93     |
| 87) Indeno(1,2,3-cd)pyrene    | 26.427 | 276  | 1078168  | 6.826 | ng    | # 95     |
| 88) Benzo(b)fluoranthene      | 23.110 | 252  | 987999m  | 7.287 | ng    |          |
| 89) Benzo(k)fluoranthene      | 23.163 | 252  | 1024180  | 7.496 | ng    | # 98     |
| 90) Benzo(a)pyrene            | 23.751 | 252  | 825088   | 7.366 | ng    | # 97     |
| 91) Dibenzo(a,h)anthracene    | 26.445 | 278  | 963175   | 7.344 | ng    | # 96     |
| 92) Benzo(g,h,i)perylene      | 27.210 | 276  | 925211   | 7.236 | ng    | # 95     |

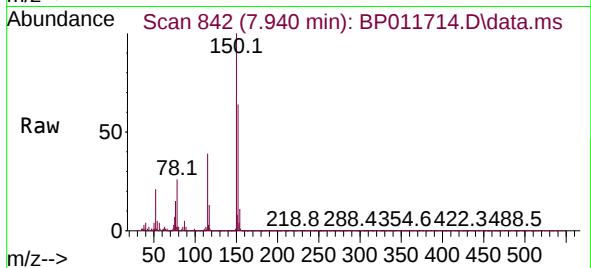
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.940 min Scan# 843  
Delta R.T. -0.006 min  
Lab File: BP011714.D  
Acq: 15 Sep 2022 19:20

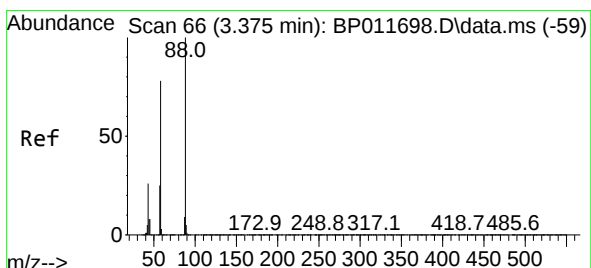
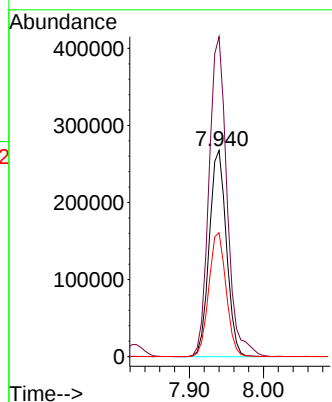
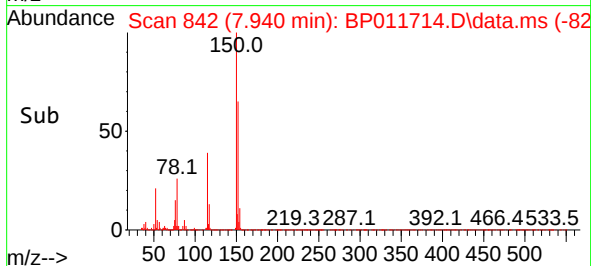
Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2022



Tgt Ion: 152 Resp: 429736  
Ion Ratio Lower Upper  
152 100  
150 155.2 123.4 185.2  
115 60.1 51.3 76.9

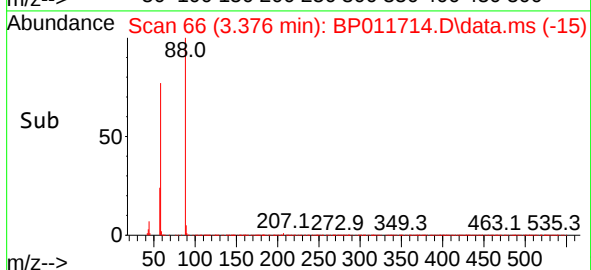
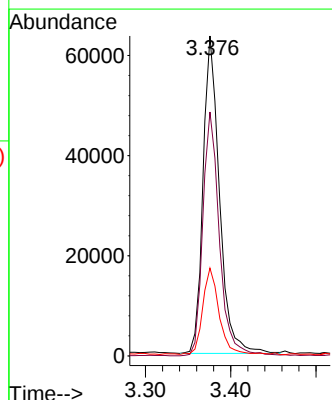
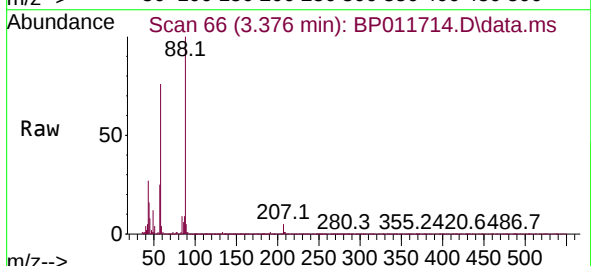
Manual Integrations  
APPROVED

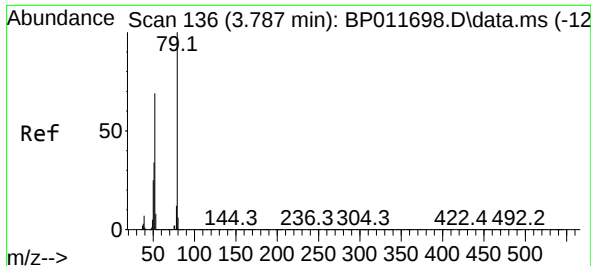
Reviewed By : Christian Giraldo 09/16/2022  
Supervised By : Jagrut Upadhyay 09/16/2022



#2  
1,4-Dioxane  
Concen: 8.167 ng  
RT: 3.376 min Scan# 66  
Delta R.T. 0.000 min  
Lab File: BP011714.D  
Acq: 15 Sep 2022 19:20

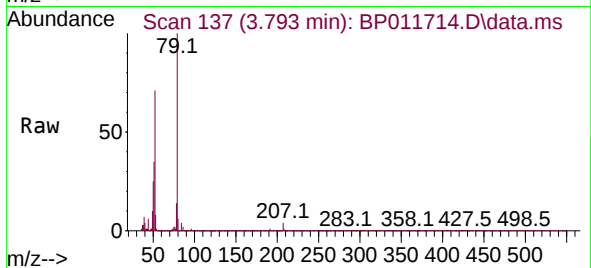
Tgt Ion: 88 Resp: 84910  
Ion Ratio Lower Upper  
88 100  
58 77.9 74.5 111.7  
43 27.5 31.5 47.3





#3  
Pyridine  
Concen: 6.172 ng  
RT: 3.793 min Scan# 136  
Delta R.T. 0.006 min  
Lab File: BP011714.D  
Acq: 15 Sep 2022 19:20

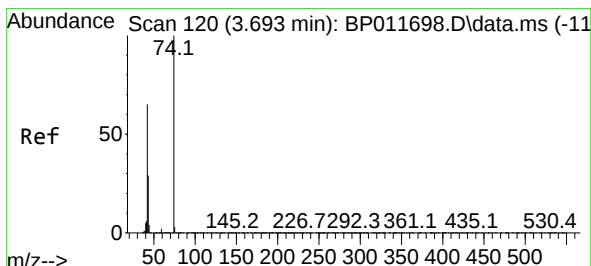
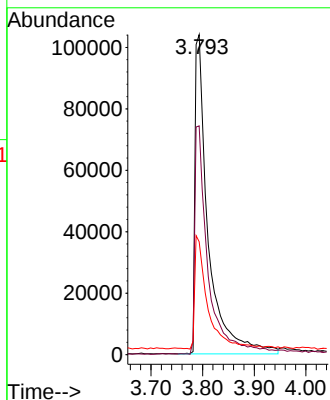
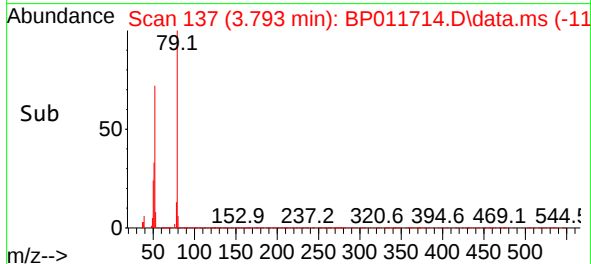
Instrument : BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2022



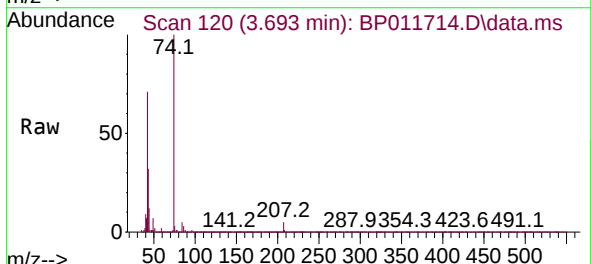
Tgt Ion: 79 Resp: 185015  
Ion Ratio Lower Upper  
79 100  
52 71.5 73.5 110.3#  
51 35.3 38.6 57.8#

Manual Integrations  
APPROVED

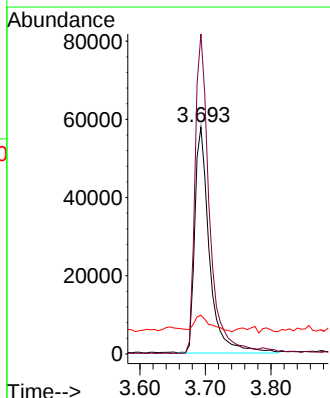
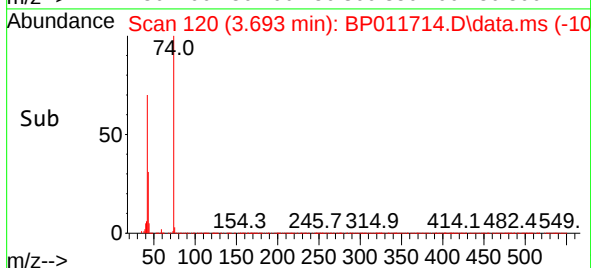
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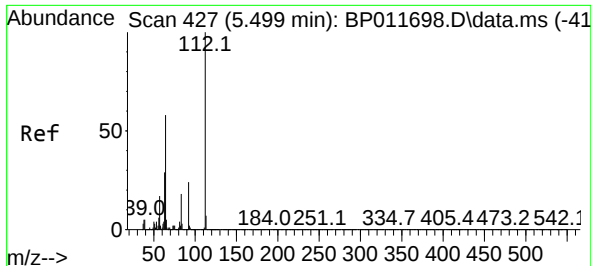


#4  
n-Nitrosodimethylamine  
Concen: 7.789 ng  
RT: 3.693 min Scan# 120  
Delta R.T. 0.000 min  
Lab File: BP011714.D  
Acq: 15 Sep 2022 19:20



Tgt Ion: 42 Resp: 89510  
Ion Ratio Lower Upper  
42 100  
74 141.2 74.4 111.6#  
44 17.0 5.7 8.5#





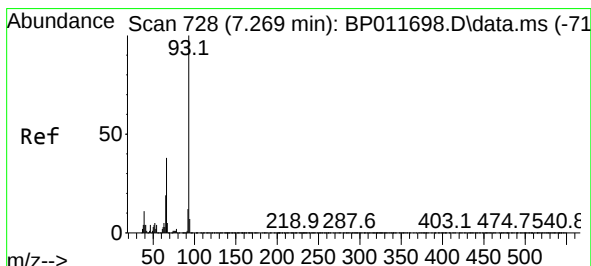
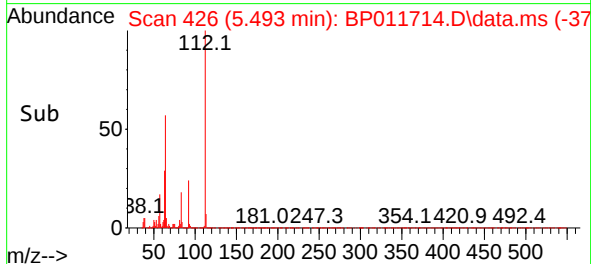
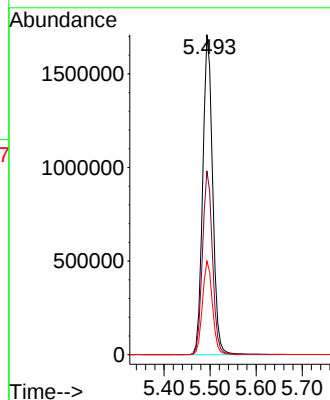
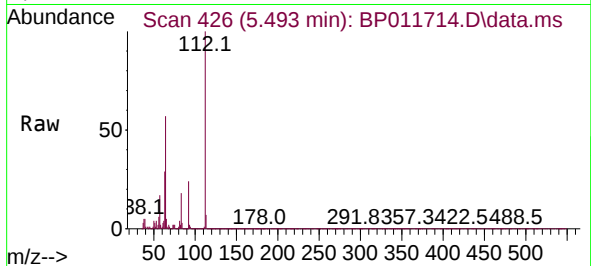
#5  
2-Fluorophenol  
Concen: 107.702 ng  
RT: 5.493 min Scan# 427  
Delta R.T. -0.006 min  
Lab File: BP011714.D  
Acq: 15 Sep 2022 19:20

Instrument :  
BNA\_P  
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LOD-MDL-WATER-01-QT3-2022

Tgt Ion:112 Resp: 2542748  
Ion Ratio Lower Upper  
112 100  
64 57.4 56.9 85.3  
63 29.2 31.2 46.8

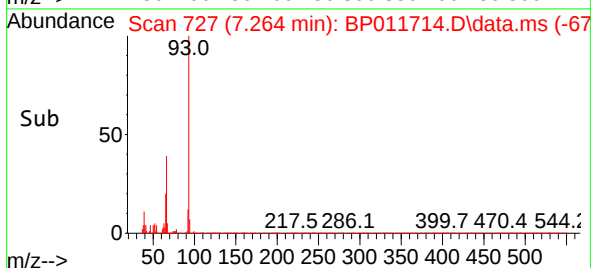
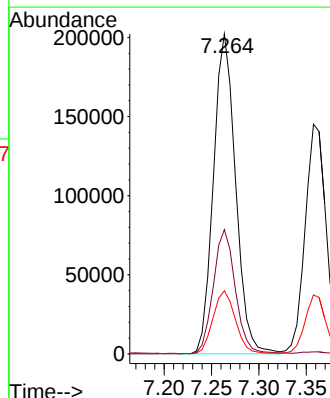
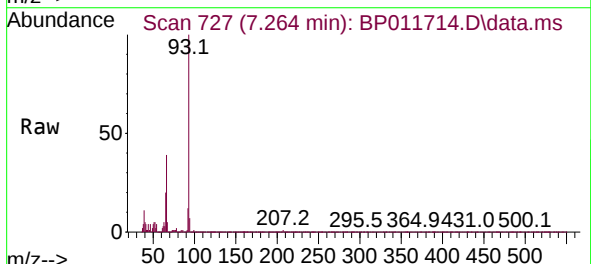
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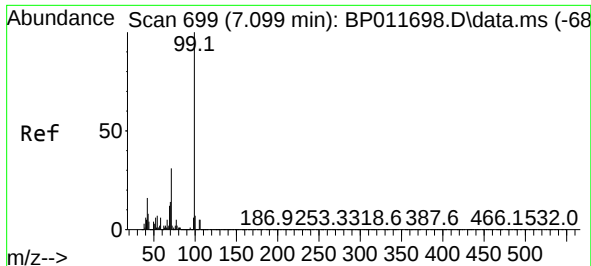
Reviewed By :Christian Giraldo 09/16/2022  
Supervised By :Jagrut Upadhyay 09/16/2022



#6  
Aniline  
Concen: 8.477 ng  
RT: 7.264 min Scan# 727  
Delta R.T. -0.006 min  
Lab File: BP011714.D  
Acq: 15 Sep 2022 19:20

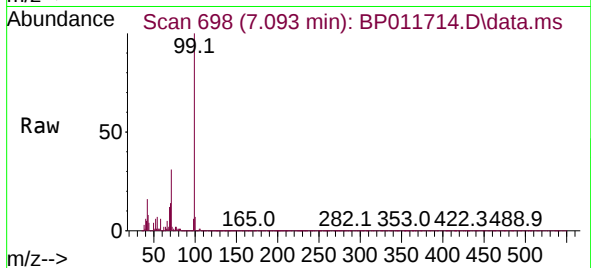
Tgt Ion: 93 Resp: 328646  
Ion Ratio Lower Upper  
93 100  
66 38.8 36.7 55.1  
65 19.7 18.2 27.4





#7  
Phenol-d6  
Concen: 107.967 ng  
RT: 7.093 min Scan# 699  
Delta R.T. -0.006 min  
Lab File: BP011714.D  
Acq: 15 Sep 2022 19:20

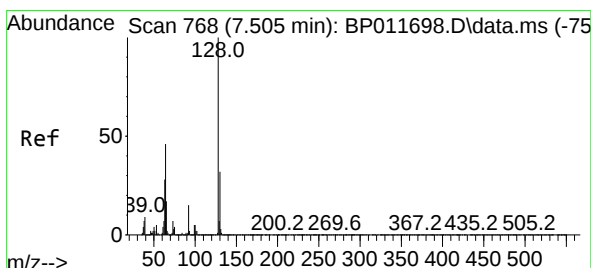
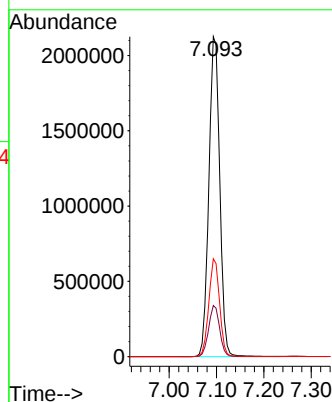
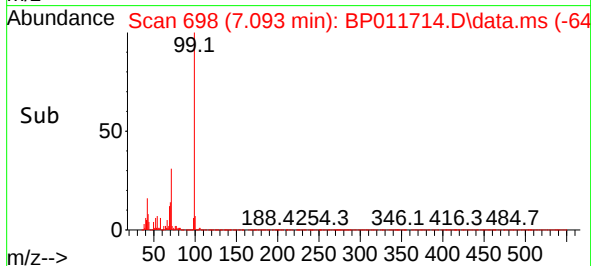
Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2022



Tgt Ion: 99 Resp: 339787  
Ion Ratio Lower Upper  
99 100  
42 16.0 20.3 30.5  
71 30.6 33.9 50.9

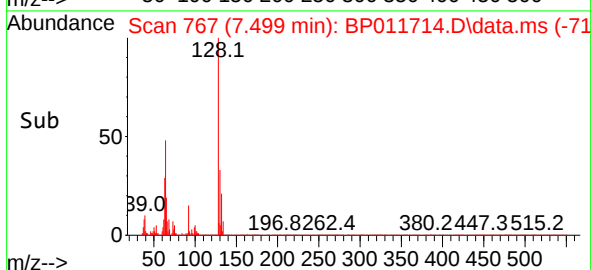
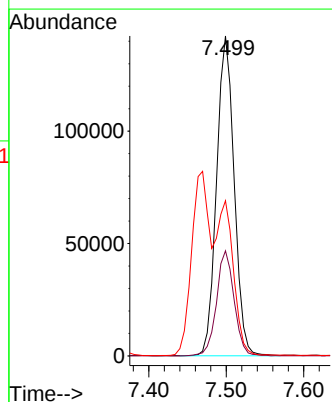
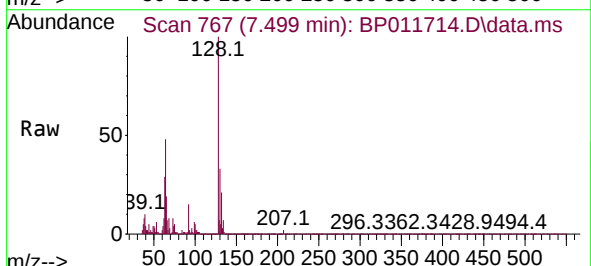
Manual Integrations  
APPROVED

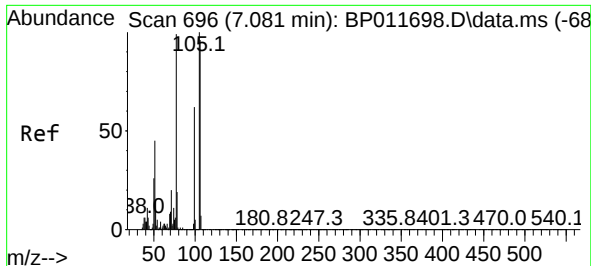
Reviewed By :Christian Giraldo 09/16/2022  
Supervised By :Jagrut Upadhyay 09/16/2022



#8  
2-Chlorophenol  
Concen: 8.023 ng  
RT: 7.499 min Scan# 767  
Delta R.T. -0.006 min  
Lab File: BP011714.D  
Acq: 15 Sep 2022 19:20

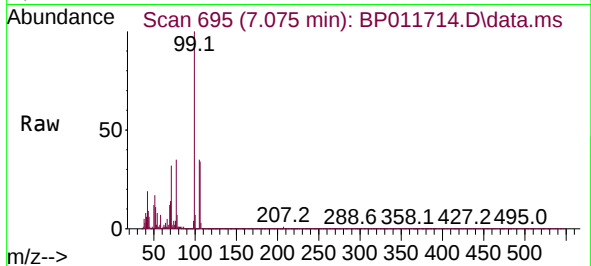
Tgt Ion:128 Resp: 224611  
Ion Ratio Lower Upper  
128 100  
130 32.8 11.8 51.8  
64 48.5 35.3 75.3





#9  
Benzaldehyde  
Concen: 9.761 ng  
RT: 7.075 min Scan# 69  
Delta R.T. -0.006 min  
Lab File: BP011714.D  
Acq: 15 Sep 2022 19:20

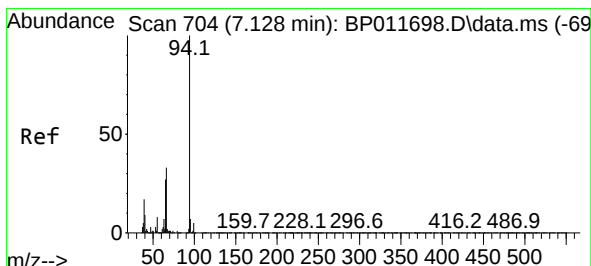
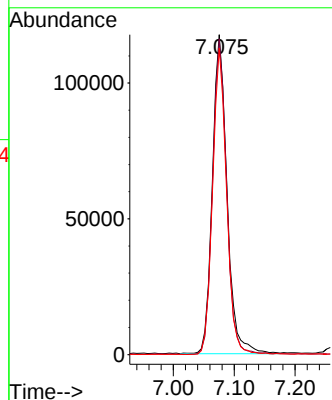
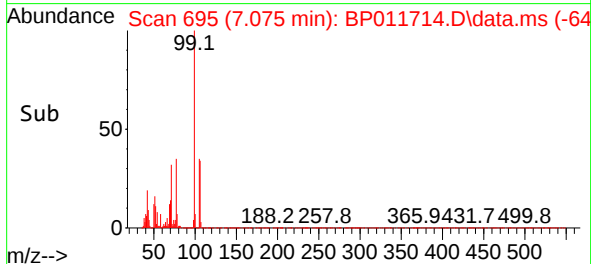
Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2022



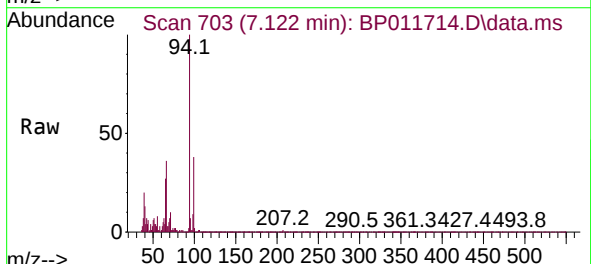
Tgt Ion: 77 Resp: 19664  
Ion Ratio Lower Upper  
77 100  
105 98.7 71.4 111.4  
106 95.8 66.9 106.9

Manual Integrations  
APPROVED

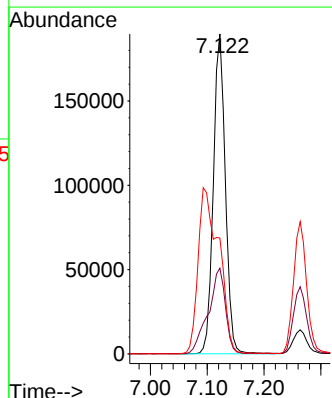
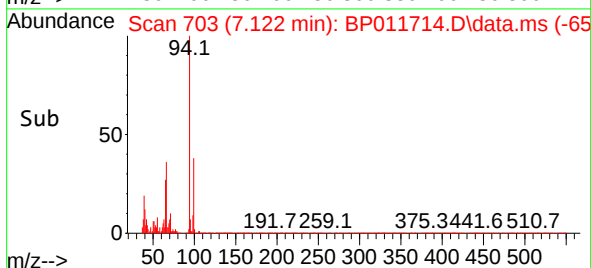
Reviewed By :Christian Giraldo 09/16/2022  
Supervised By :Jagrut Upadhyay 09/16/2022

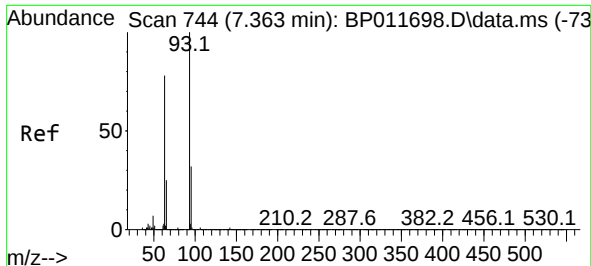


#10  
Phenol  
Concen: 7.916 ng  
RT: 7.122 min Scan# 703  
Delta R.T. -0.006 min  
Lab File: BP011714.D  
Acq: 15 Sep 2022 19:20



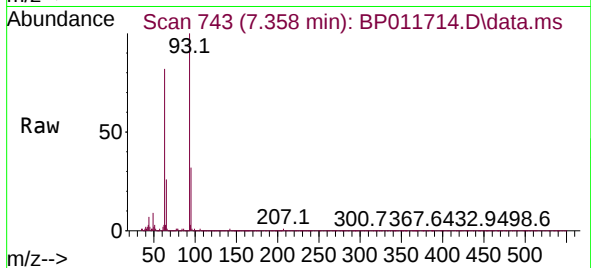
Tgt Ion: 94 Resp: 280208  
Ion Ratio Lower Upper  
94 100  
65 26.8 14.0 54.0  
66 36.2 29.2 69.2





#11  
bis(2-Chloroethyl)ether  
Concen: 7.989 ng  
RT: 7.358 min Scan# 744  
Delta R.T. -0.006 min  
Lab File: BP011714.D  
Acq: 15 Sep 2022 19:20

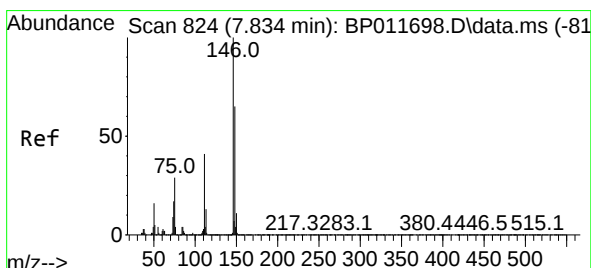
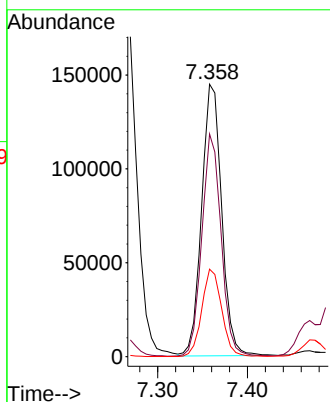
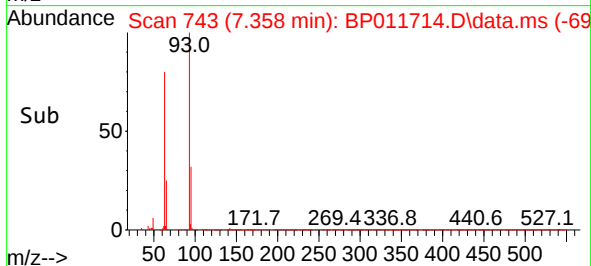
Instrument : BNA\_P  
ClientSampleId : LOD-MDL-WATER-01-QT3-2022



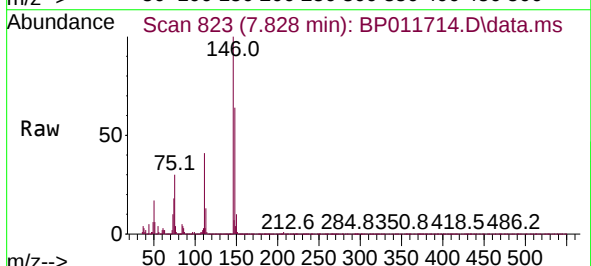
Tgt Ion: 93 Resp: 225272  
Ion Ratio Lower Upper  
93 100  
63 81.7 68.2 108.2  
95 32.1 12.2 52.2

Manual Integrations  
APPROVED

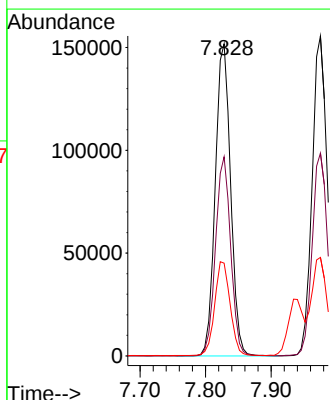
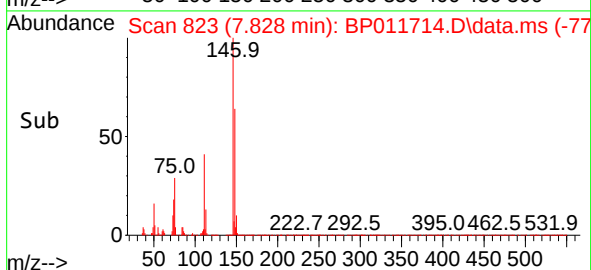
Reviewed By :Christian Giraldo 09/16/2022  
Supervised By :Jagrut Upadhyay 09/16/2022

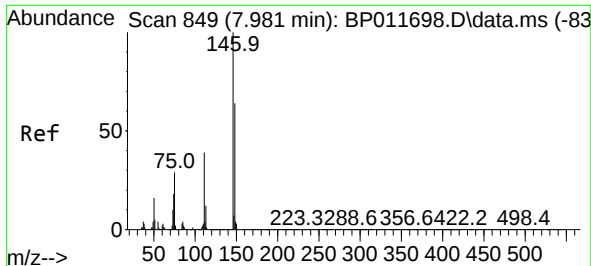


#12  
1,3-Dichlorobenzene  
Concen: 7.949 ng  
RT: 7.828 min Scan# 823  
Delta R.T. -0.006 min  
Lab File: BP011714.D  
Acq: 15 Sep 2022 19:20



Tgt Ion:146 Resp: 246783  
Ion Ratio Lower Upper  
146 100  
148 63.8 53.0 79.4  
75 29.7 31.3 46.9





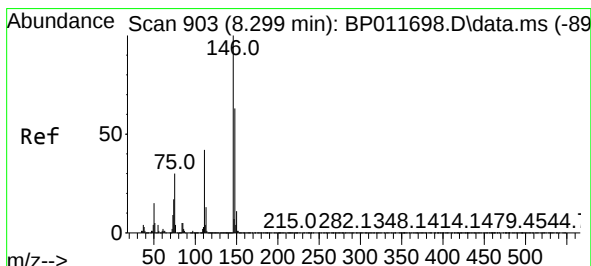
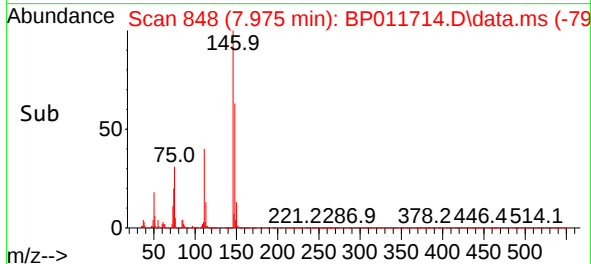
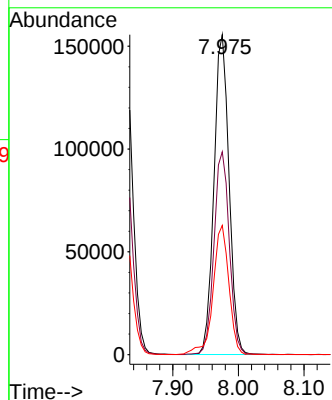
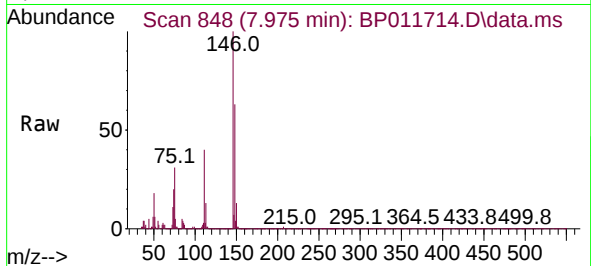
#13  
1,4-Dichlorobenzene  
Concen: 7.885 ng  
RT: 7.975 min Scan# 849  
Delta R.T. -0.006 min  
Lab File: BP011714.D  
Acq: 15 Sep 2022 19:20

Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:146 Resp: 248940  
Ion Ratio Lower Upper  
146 100  
148 63.4 51.6 77.4  
111 40.4 35.2 52.8

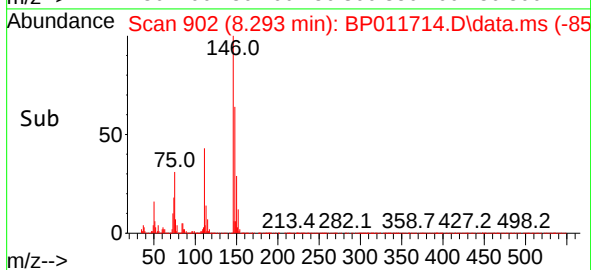
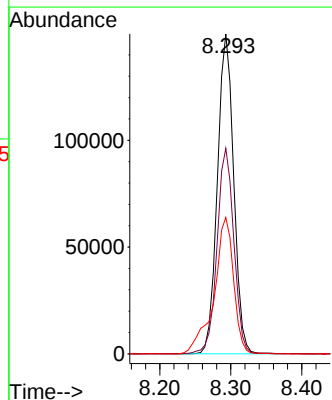
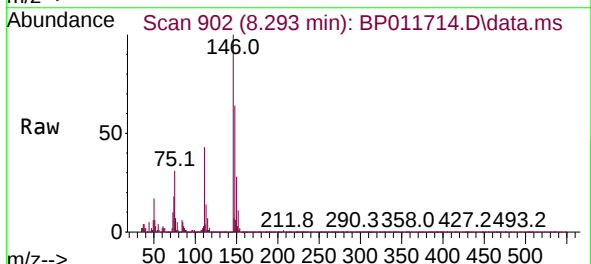
Manual Integrations  
APPROVED

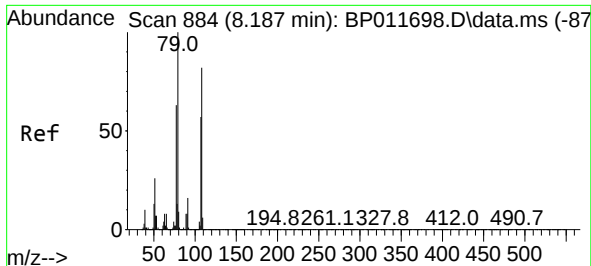
Reviewed By :Christian Giraldo 09/16/2022  
Supervised By :Jagrut Upadhyay 09/16/2022



#14  
1,2-Dichlorobenzene  
Concen: 7.940 ng  
RT: 8.293 min Scan# 902  
Delta R.T. -0.006 min  
Lab File: BP011714.D  
Acq: 15 Sep 2022 19:20

Tgt Ion:146 Resp: 238981  
Ion Ratio Lower Upper  
146 100  
148 64.2 52.2 78.2  
111 42.6 36.6 55.0





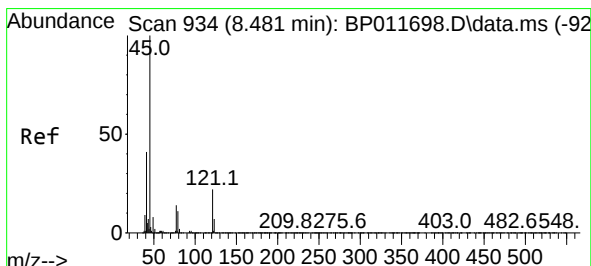
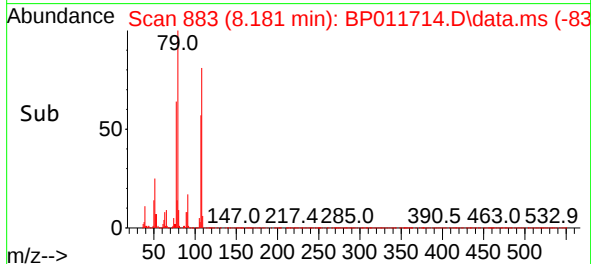
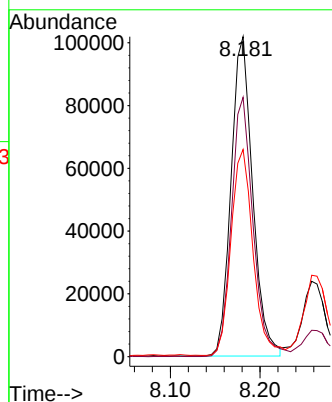
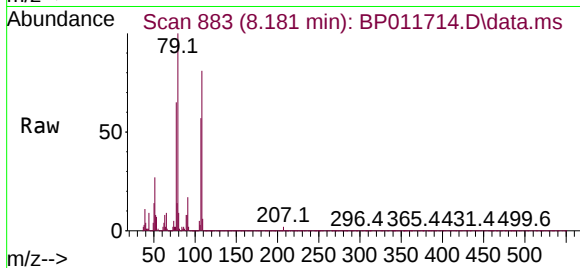
#15  
Benzyl Alcohol  
Concen: 7.618 ng  
RT: 8.181 min Scan# 884  
Delta R.T. -0.006 min  
Lab File: BP011714.D  
Acq: 15 Sep 2022 19:20

Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2022

Tgt Ion: 79 Resp: 171144  
Ion Ratio Lower Upper  
79 100  
108 81.0 53.4 80.0  
77 64.7 51.5 77.3

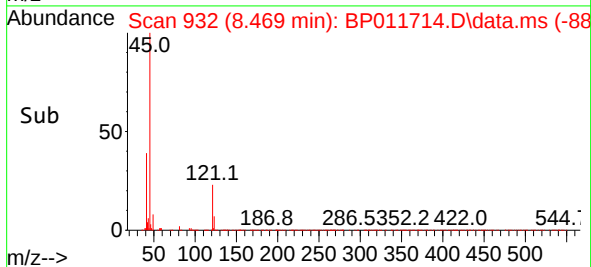
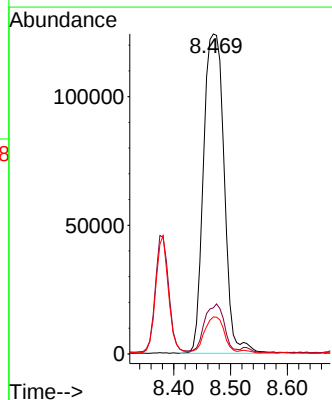
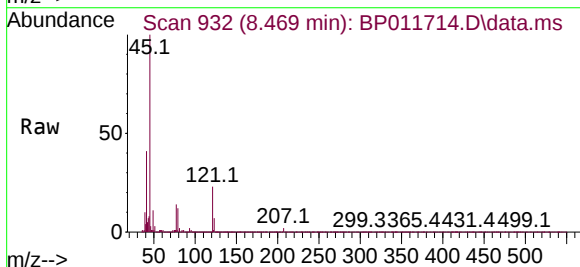
Manual Integrations  
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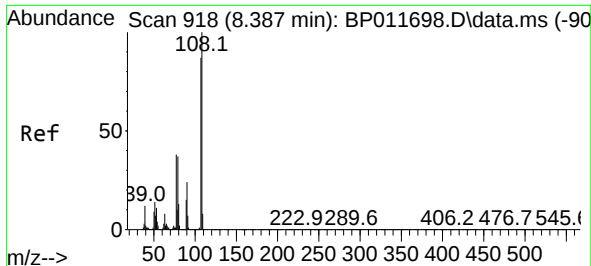
Reviewed By :Christian Giraldo 09/16/2022  
Supervised By :Jagrut Upadhyay 09/16/2022



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 8.347 ng  
RT: 8.469 min Scan# 932  
Delta R.T. -0.012 min  
Lab File: BP011714.D  
Acq: 15 Sep 2022 19:20

Tgt Ion: 45 Resp: 314379  
Ion Ratio Lower Upper  
45 100  
77 14.4 0.0 31.8  
79 11.5 0.0 28.8





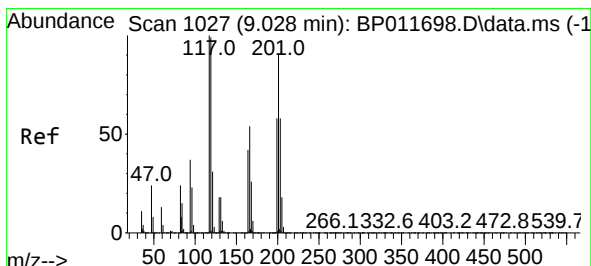
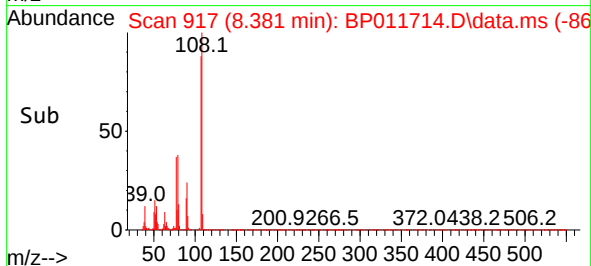
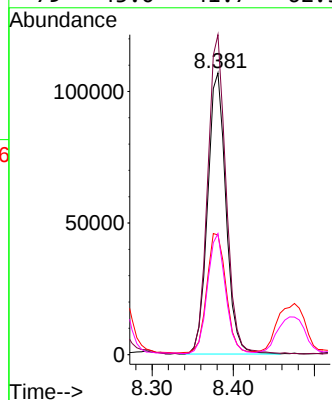
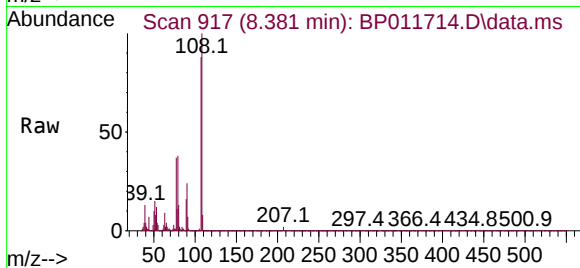
#17  
2-Methylphenol  
Concen: 7.325 ng  
RT: 8.381 min Scan# 917  
Delta R.T. -0.006 min  
Lab File: BP011714.D  
Acq: 15 Sep 2022 19:20

Instrument : BNA\_P  
ClientSampleId : LOD-MDL-WATER-01-QT3-2022

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 107   | Resp: | 16835 |
| Ion Ratio | Lower | Upper |       |
| 107       | 100   |       |       |
| 108       | 113.6 | 88.9  | 133.3 |
| 77        | 42.5  | 44.7  | 67.1  |
| 79        | 43.0  | 41.7  | 62.5  |

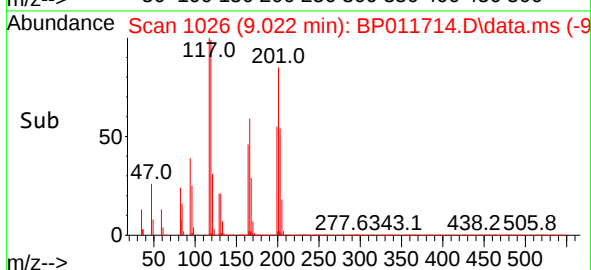
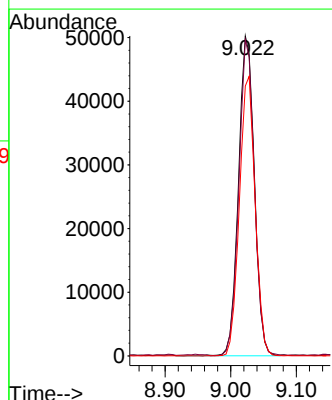
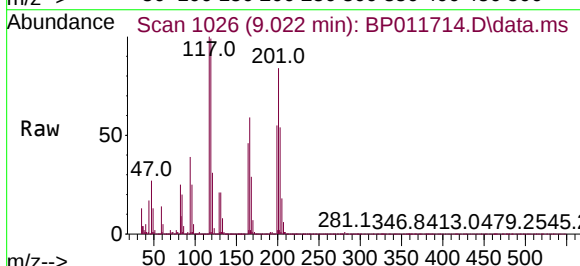
Manual Integrations  
APPROVED

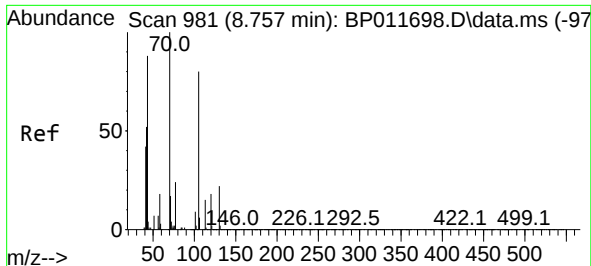
Reviewed By :Christian Giraldo 09/16/2022  
Supervised By :Jagrut Upadhyay 09/16/2022



#18  
Hexachloroethane  
Concen: 7.708 ng  
RT: 9.022 min Scan# 1026  
Delta R.T. -0.006 min  
Lab File: BP011714.D  
Acq: 15 Sep 2022 19:20

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 84173 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 119       | 98.8  | 75.6  | 113.4 |
| 201       | 84.3  | 80.9  | 121.3 |





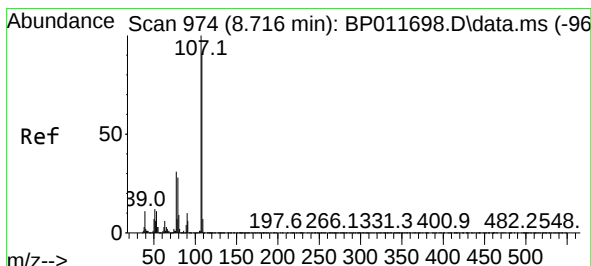
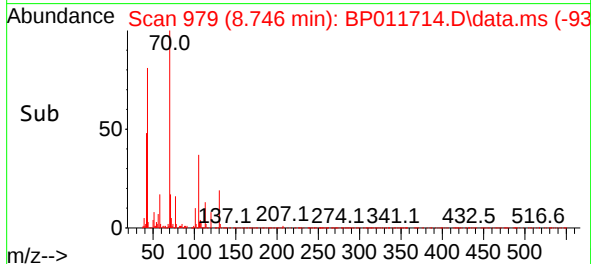
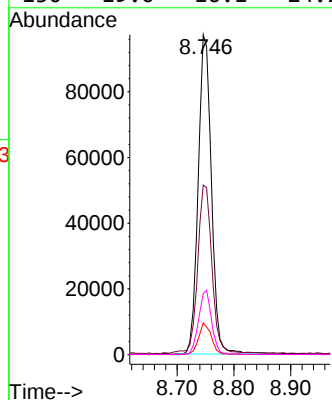
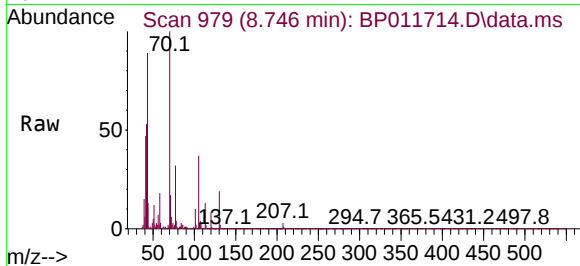
#19  
n-Nitroso-di-n-propylamine  
Concen: 7.707 ng  
RT: 8.746 min Scan# 91  
Delta R.T. -0.012 min  
Lab File: BP011714.D  
Acq: 15 Sep 2022 19:20

Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2022

Tgt Ion: 70 Resp: 15703  
Ion Ratio Lower Upper  
70 100  
42 53.0 58.1 87.1  
101 9.9 8.4 12.6  
130 19.0 16.1 24.1

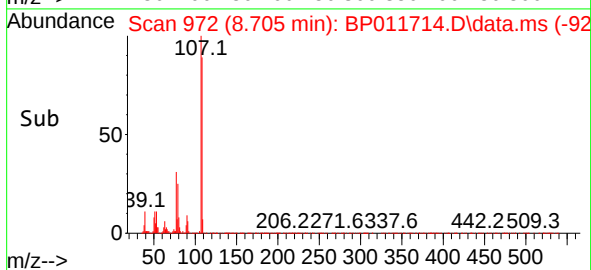
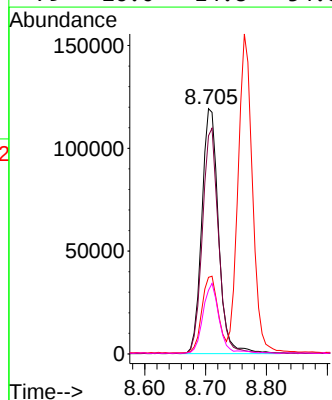
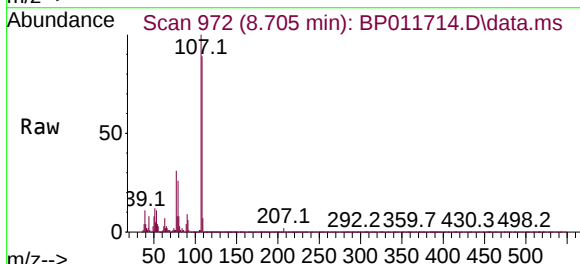
Manual Integrations  
APPROVED

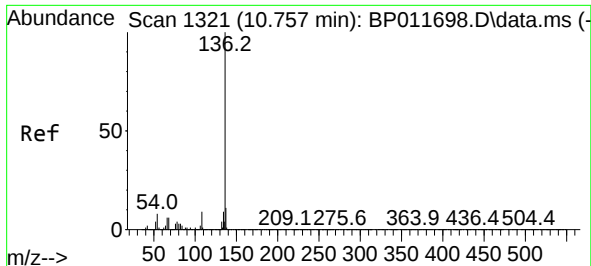
Reviewed By :Christian Giraldo 09/16/2022  
Supervised By :Jagrut Upadhyay 09/16/2022



#20  
3+4-Methylphenols  
Concen: 7.194 ng  
RT: 8.705 min Scan# 972  
Delta R.T. -0.012 min  
Lab File: BP011714.D  
Acq: 15 Sep 2022 19:20

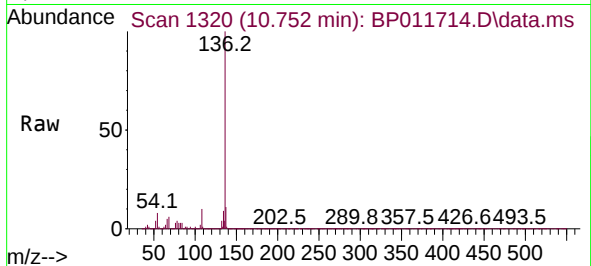
Tgt Ion:107 Resp: 227086  
Ion Ratio Lower Upper  
107 100  
108 89.0 67.1 107.1  
77 31.2 19.2 59.2  
79 26.0 14.8 54.8





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.752 min Scan# 1321  
Delta R.T. -0.005 min  
Lab File: BP011714.D  
Acq: 15 Sep 2022 19:20

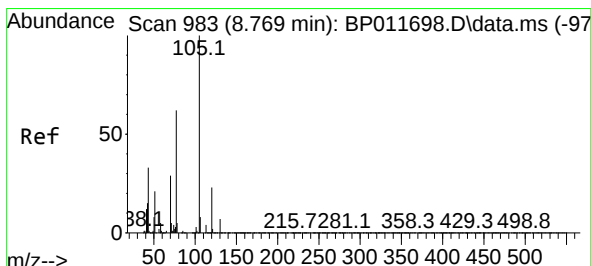
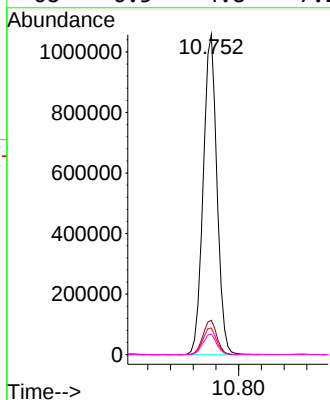
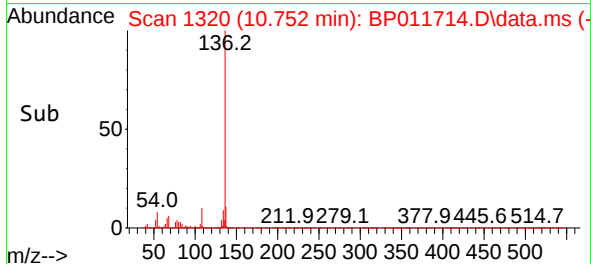
Instrument : BNA\_P  
ClientSampleId : LOD-MDL-WATER-01-QT3-2022



Tgt Ion:136 Resp: 1775489  
Ion Ratio Lower Upper  
136 100  
137 10.7 9.0 13.4  
54 8.3 8.7 13.1  
68 6.5 4.8 7.2

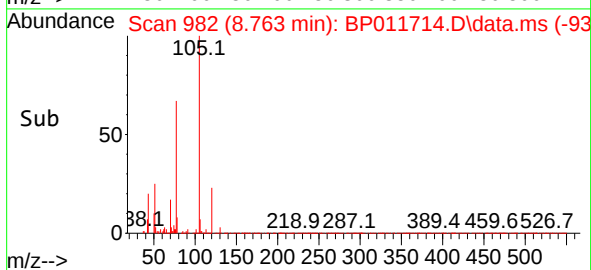
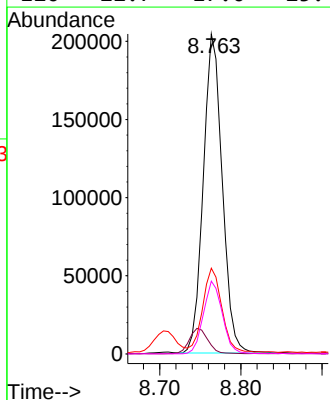
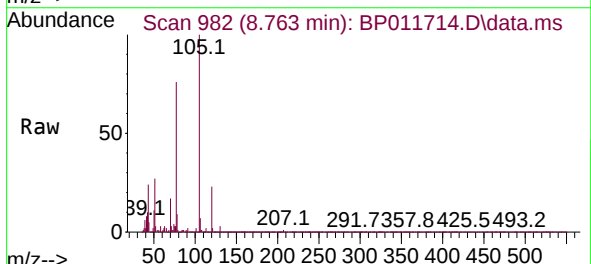
Manual Integrations  
APPROVED

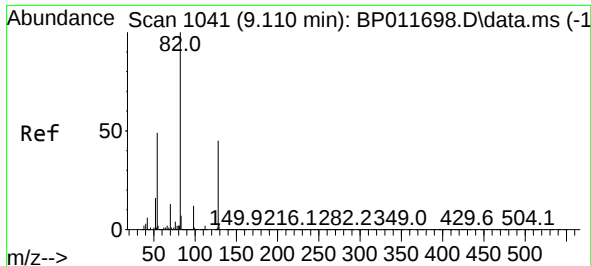
Reviewed By :Christian Giraldo 09/16/2022  
Supervised By :Jagrut Upadhyay 09/16/2022



#22  
Acetophenone  
Concen: 7.969 ng  
RT: 8.763 min Scan# 982  
Delta R.T. -0.006 min  
Lab File: BP011714.D  
Acq: 15 Sep 2022 19:20

Tgt Ion:105 Resp: 331679  
Ion Ratio Lower Upper  
105 100  
71 2.7 3.4 5.0#  
51 26.8 29.5 44.3#  
120 22.7 17.0 25.4





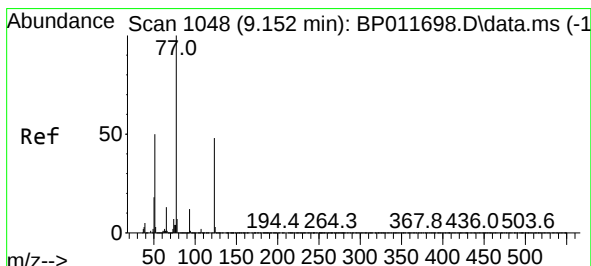
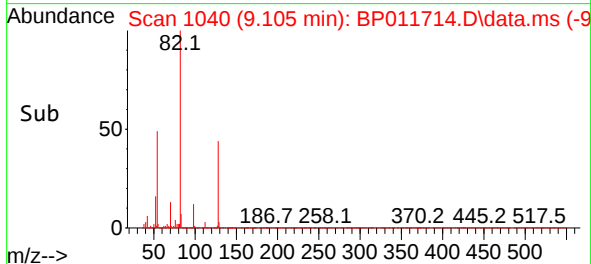
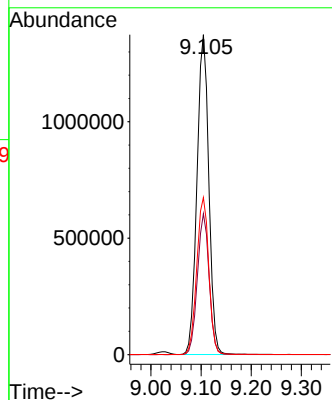
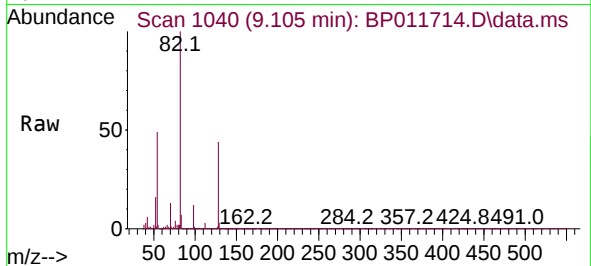
#23  
Nitrobenzene-d5  
Concen: 75.047 ng  
RT: 9.105 min Scan# 1040  
Delta R.T. -0.006 min  
Lab File: BP011714.D  
Acq: 15 Sep 2022 19:20

Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2022

Tgt Ion: 82 Resp: 2246698  
Ion Ratio Lower Upper  
82 100  
128 44.0 31.3 46.9  
54 49.1 49.8 74.8

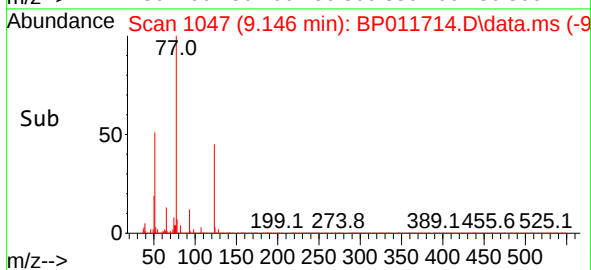
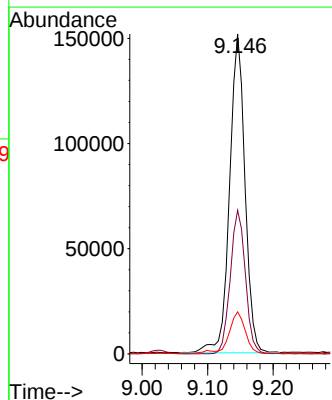
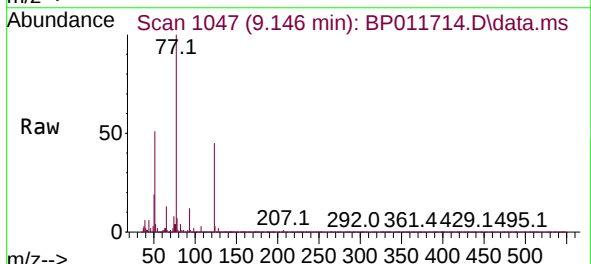
Manual Integrations  
APPROVED

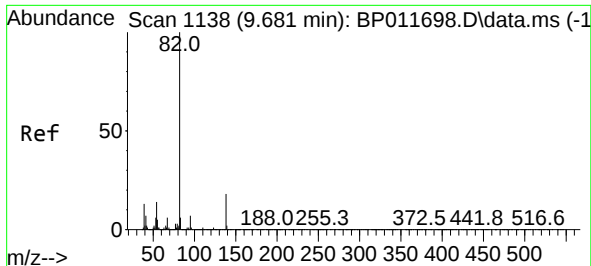
Reviewed By :Christian Giraldo 09/16/2022  
Supervised By :Jagrut Upadhyay 09/16/2022



#24  
Nitrobenzene  
Concen: 7.973 ng  
RT: 9.146 min Scan# 1047  
Delta R.T. -0.006 min  
Lab File: BP011714.D  
Acq: 15 Sep 2022 19:20

Tgt Ion: 77 Resp: 248346  
Ion Ratio Lower Upper  
77 100  
123 44.9 31.1 46.7  
65 13.1 12.1 18.1





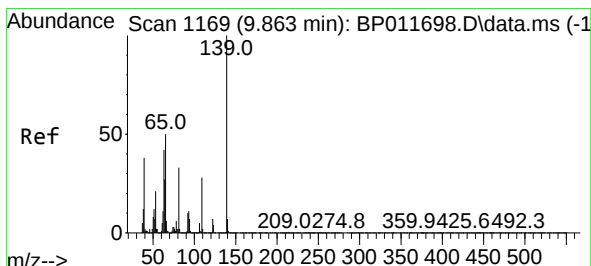
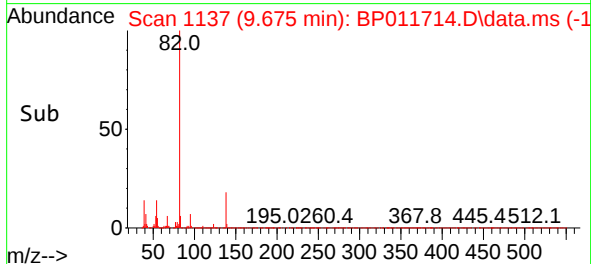
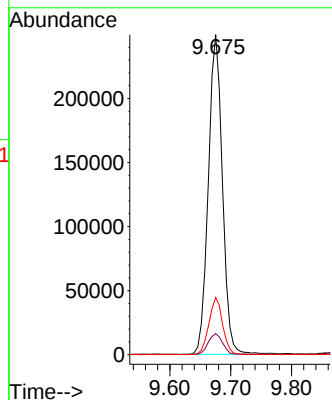
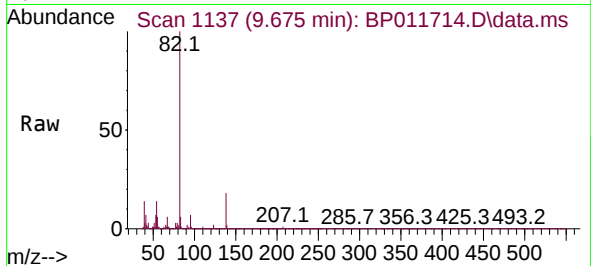
#25  
Isophorone  
Concen: 7.584 ng  
RT: 9.675 min Scan# 1138  
Delta R.T. -0.006 min  
Lab File: BP011714.D  
Acq: 15 Sep 2022 19:20

Instrument : BNA\_P  
ClientSampleId : LOD-MDL-WATER-01-QT3-2022

Tgt Ion: 82 Resp: 401638  
Ion Ratio Lower Upper  
82 100  
95 6.6 6.5 9.7  
138 17.8 12.4 18.6

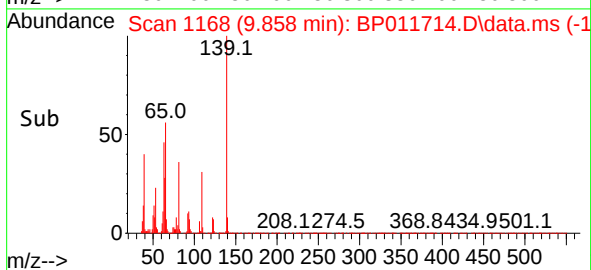
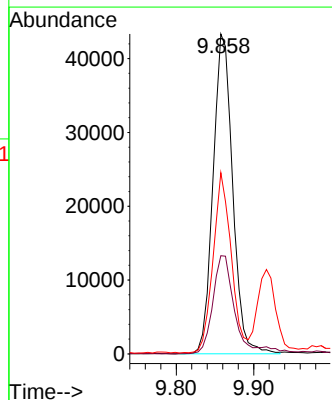
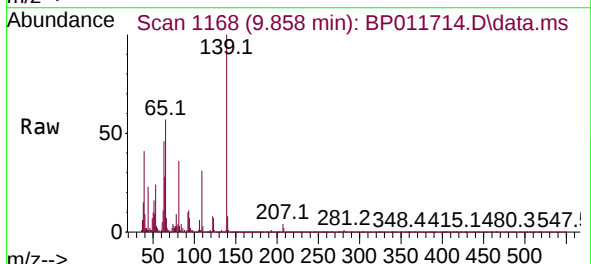
Manual Integrations  
APPROVED

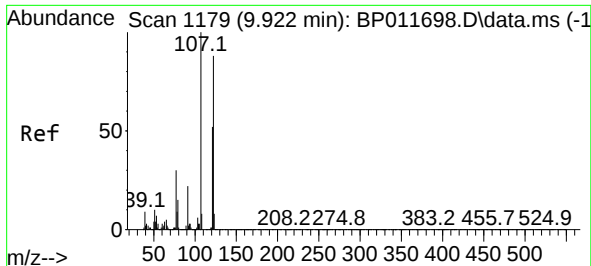
Reviewed By :Christian Giraldo 09/16/2022  
Supervised By :Jagrut Upadhyay 09/16/2022



#26  
2-Nitrophenol  
Concen: 5.963 ng  
RT: 9.858 min Scan# 1168  
Delta R.T. -0.005 min  
Lab File: BP011714.D  
Acq: 15 Sep 2022 19:20

Tgt Ion:139 Resp: 76201  
Ion Ratio Lower Upper  
139 100  
109 30.7 30.2 45.4  
65 56.6 52.2 78.2





#27

2,4-Dimethylphenol

Concen: 7.956 ng

RT: 9.916 min Scan# 1179

Delta R.T. -0.006 min

Lab File: BP011714.D

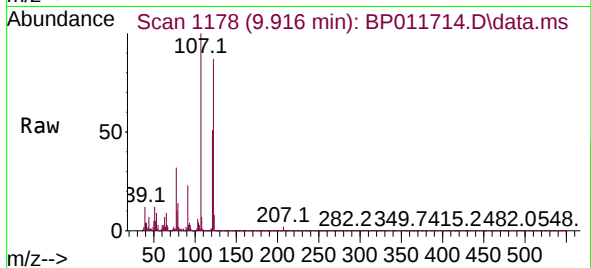
Acq: 15 Sep 2022 19:20

Instrument :

BNA\_P

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022



Tgt Ion:122 Resp: 176159

Ion Ratio Lower Upper

122 100

107 114.4 103.5 155.3

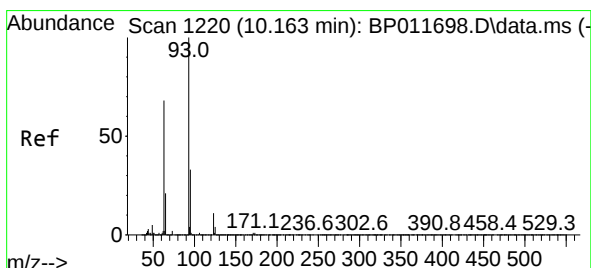
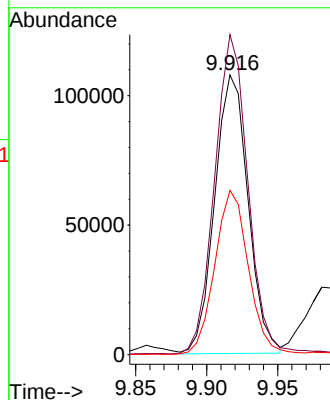
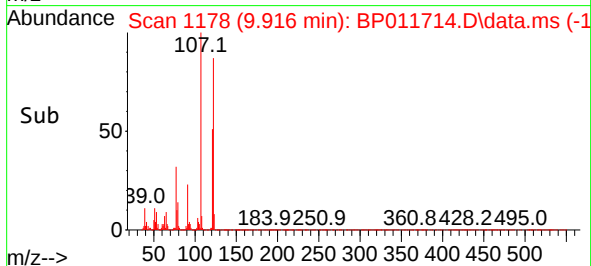
121 58.7 47.5 71.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/16/2022

Supervised By :Jagrut Upadhyay 09/16/2022



#28

bis(2-Chloroethoxy)methane

Concen: 8.575 ng

RT: 10.158 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BP011714.D

Acq: 15 Sep 2022 19:20

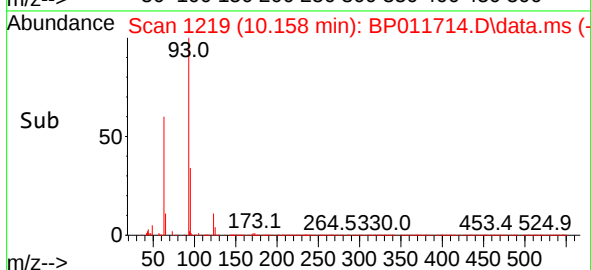
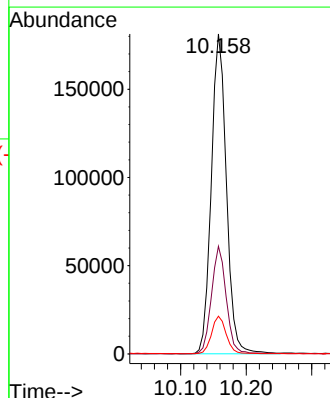
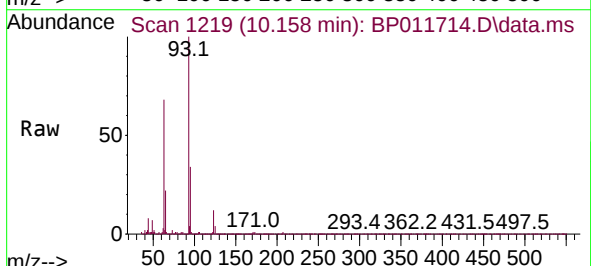
Tgt Ion: 93 Resp: 290401

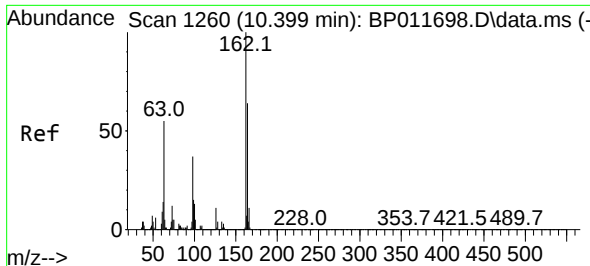
Ion Ratio Lower Upper

93 100

95 33.6 25.0 37.6

123 11.8 9.0 13.6





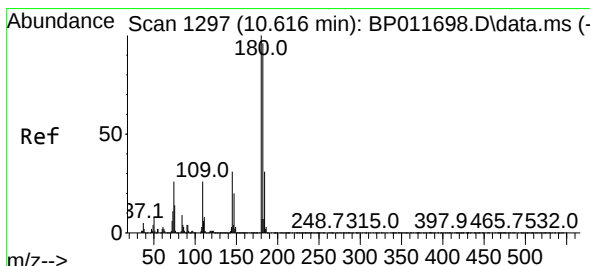
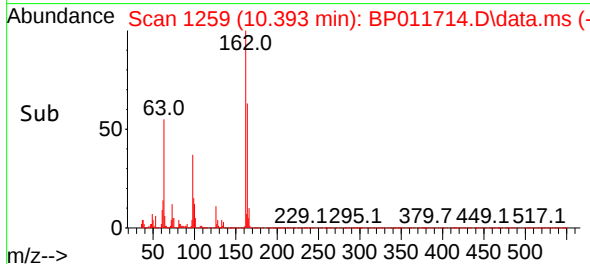
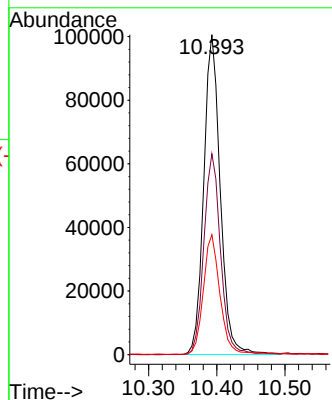
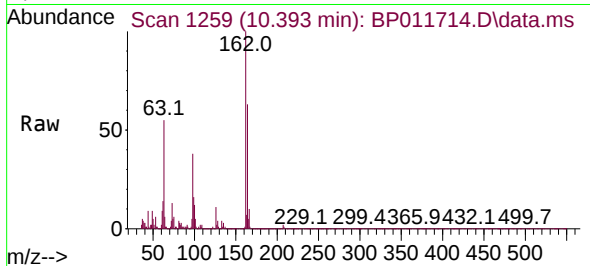
#29  
2,4-Dichlorophenol  
Concen: 6.929 ng  
RT: 10.393 min Scan# 1259  
Delta R.T. -0.006 min  
Lab File: BP011714.D  
Acq: 15 Sep 2022 19:20

Instrument : BNA\_P  
ClientSampleId : LOD-MDL-WATER-01-QT3-2022

Tgt Ion:162 Resp: 169943  
Ion Ratio Lower Upper  
162 100  
164 62.8 43.0 83.0  
98 37.5 20.4 60.4

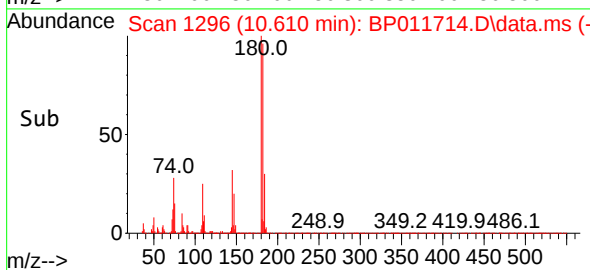
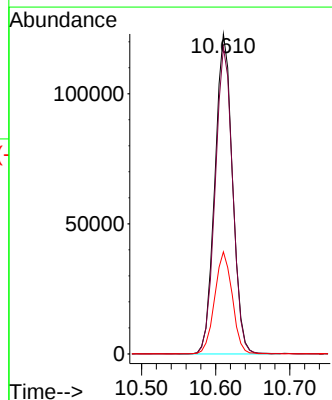
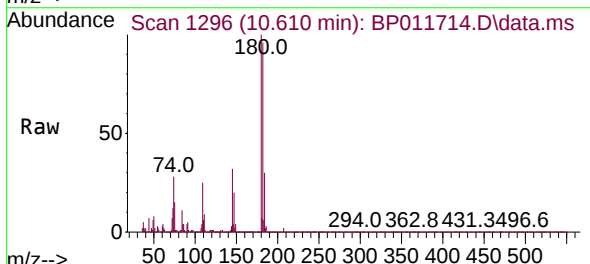
Manual Integrations  
APPROVED

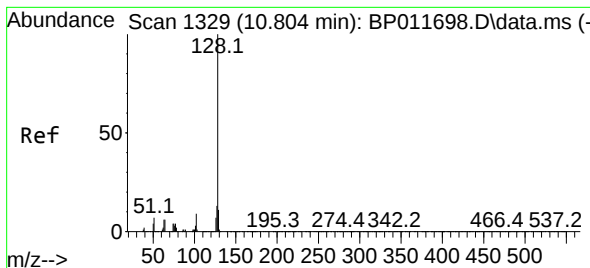
Reviewed By :Christian Giraldo 09/16/2022  
Supervised By :Jagrut Upadhyay 09/16/2022



#30  
1,2,4-Trichlorobenzene  
Concen: 7.471 ng  
RT: 10.610 min Scan# 1296  
Delta R.T. -0.006 min  
Lab File: BP011714.D  
Acq: 15 Sep 2022 19:20

Tgt Ion:180 Resp: 202855  
Ion Ratio Lower Upper  
180 100  
182 95.8 78.0 117.0  
145 31.9 24.6 36.8





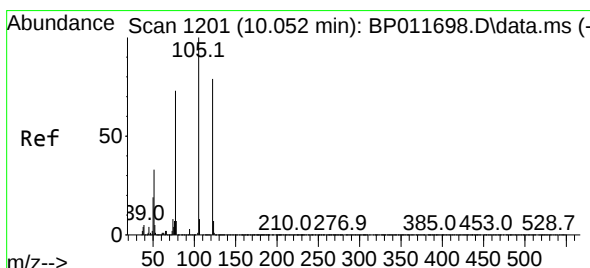
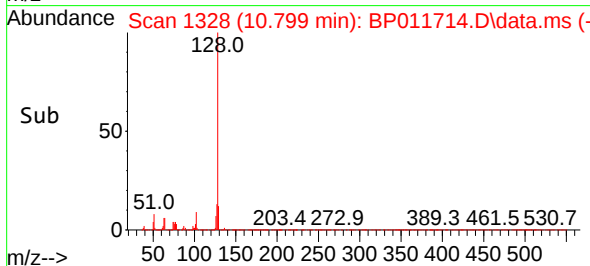
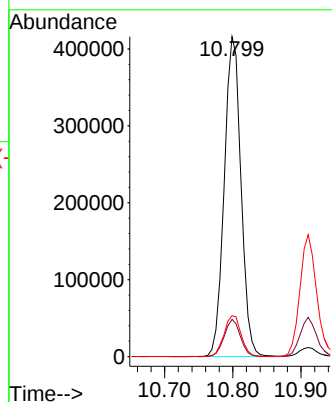
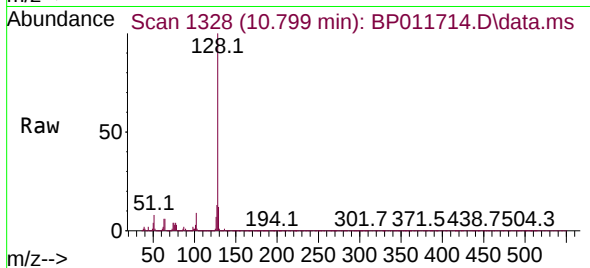
#31  
Naphthalene  
Concen: 7.641 ng  
RT: 10.799 min Scan# 1189  
Delta R.T. -0.006 min  
Lab File: BP011714.D  
Acq: 15 Sep 2022 19:20

Instrument : BNA\_P  
ClientSampleId : LOD-MDL-WATER-01-QT3-2022

Tgt Ion:128 Resp: 704032  
Ion Ratio Lower Upper  
128 100  
129 11.6 8.6 12.8  
127 12.8 10.3 15.5

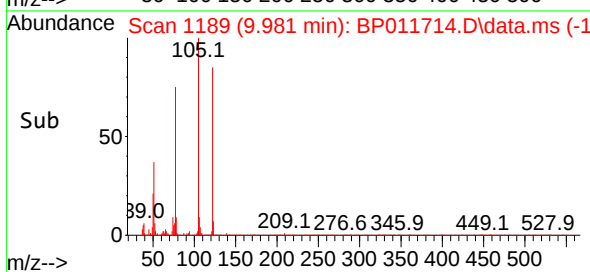
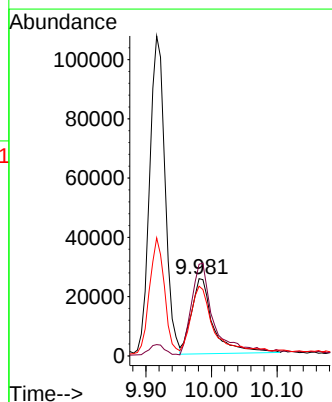
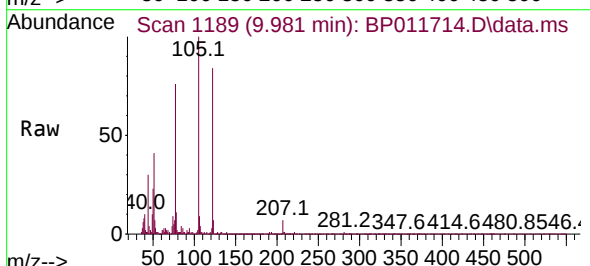
Manual Integrations  
APPROVED

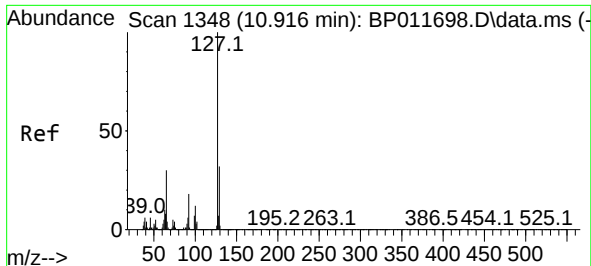
Reviewed By :Christian Giraldo 09/16/2022  
Supervised By :Jagrut Upadhyay 09/16/2022



#32  
Benzoic acid  
Concen: 3.560 ng  
RT: 9.981 min Scan# 1189  
Delta R.T. -0.071 min  
Lab File: BP011714.D  
Acq: 15 Sep 2022 19:20

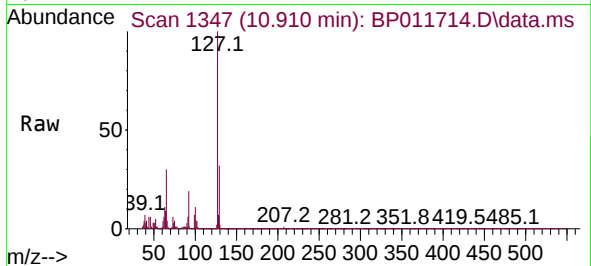
Tgt Ion:122 Resp: 58990  
Ion Ratio Lower Upper  
122 100  
105 118.8 112.6 152.6  
77 90.4 90.2 130.2





#33  
4-Chloroaniline  
Concen: 7.622 ng  
RT: 10.910 min Scan# 1348  
Delta R.T. -0.006 min  
Lab File: BP011714.D  
Acq: 15 Sep 2022 19:20

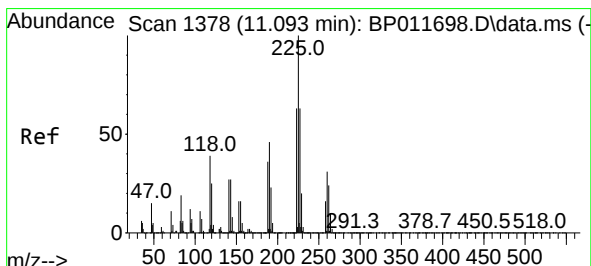
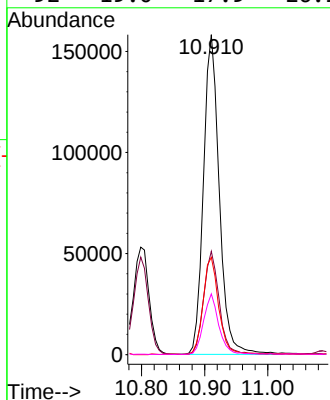
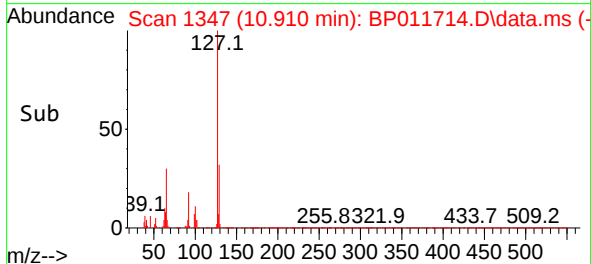
Instrument : BNA\_P  
ClientSampleId : LOD-MDL-WATER-01-QT3-2022



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 32.3  | 25.4  | 38.2  |
| 65      | 30.4  | 30.4  | 45.6  |
| 92      | 19.0  | 17.9  | 26.9  |

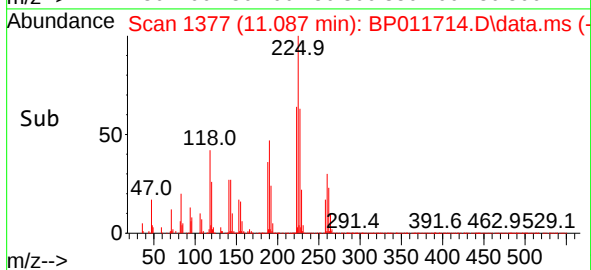
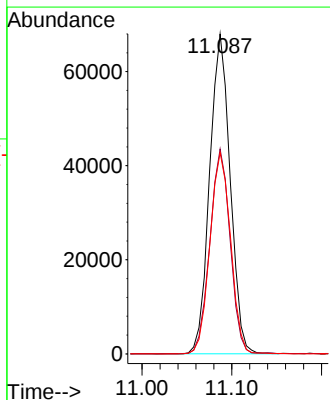
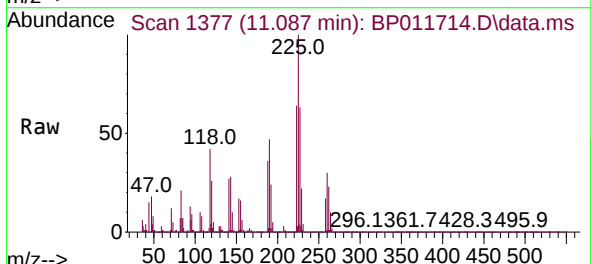
Manual Integrations  
APPROVED

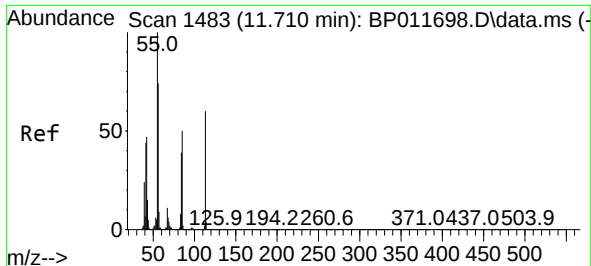
Reviewed By :Christian Giraldo 09/16/2022  
Supervised By :Jagrut Upadhyay 09/16/2022



#34  
Hexachlorobutadiene  
Concen: 7.256 ng  
RT: 11.087 min Scan# 1377  
Delta R.T. -0.006 min  
Lab File: BP011714.D  
Acq: 15 Sep 2022 19:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 64.0  | 52.2  | 78.4  |
| 227     | 62.9  | 50.8  | 76.2  |





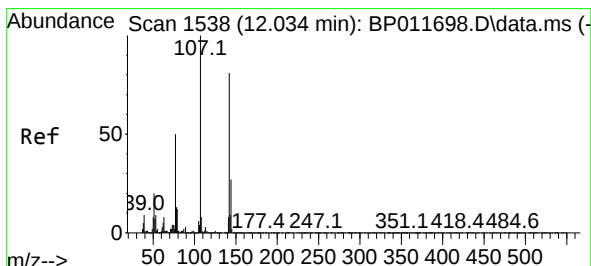
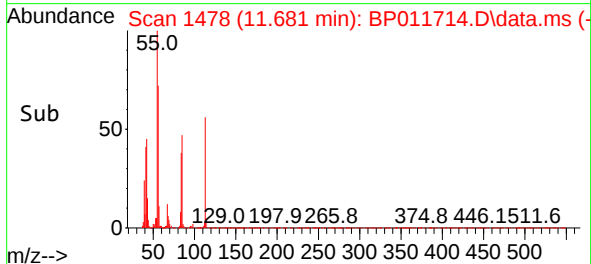
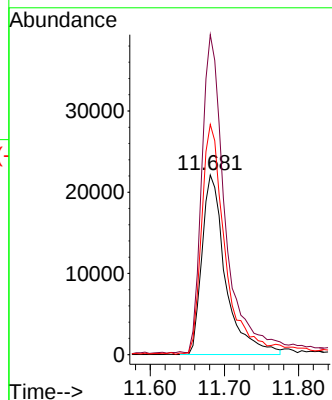
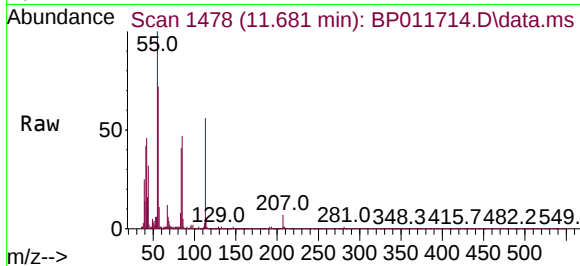
#35  
Caprolactam  
Concen: 6.151 ng  
RT: 11.681 min Scan# 1483  
Delta R.T. -0.029 min  
Lab File: BP011714.D  
Acq: 15 Sep 2022 19:20

Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:113 Resp: 4888  
Ion Ratio Lower Upper  
113 100  
55 178.2 198.6 238.6  
56 128.1 142.7 182.7

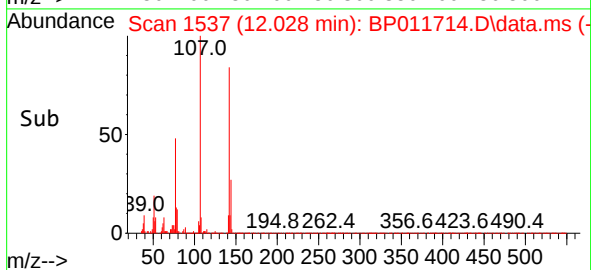
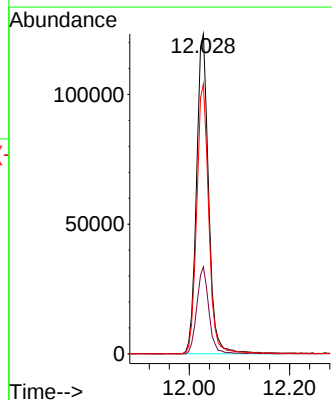
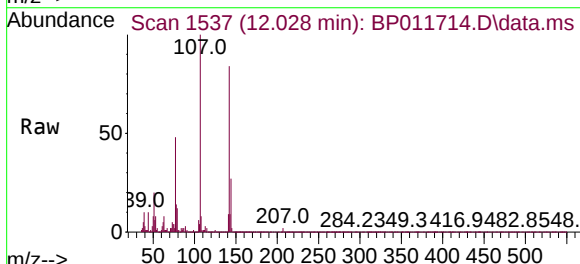
Manual Integrations  
APPROVED

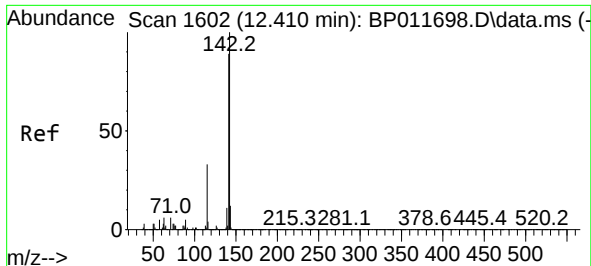
Reviewed By :Christian Giraldo 09/16/2022  
Supervised By :Jagrut Upadhyay 09/16/2022



#36  
4-Chloro-3-methylphenol  
Concen: 7.830 ng  
RT: 12.028 min Scan# 1537  
Delta R.T. -0.006 min  
Lab File: BP011714.D  
Acq: 15 Sep 2022 19:20

Tgt Ion:107 Resp: 206537  
Ion Ratio Lower Upper  
107 100  
144 27.2 19.8 29.6  
142 84.3 59.0 88.4





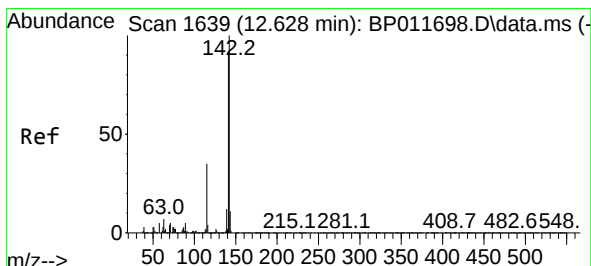
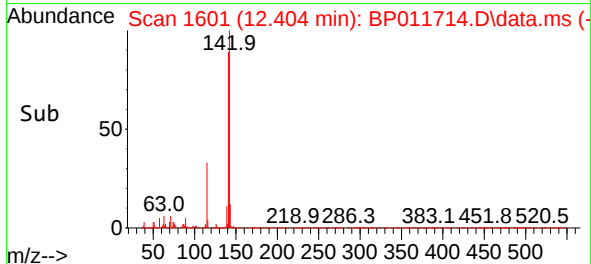
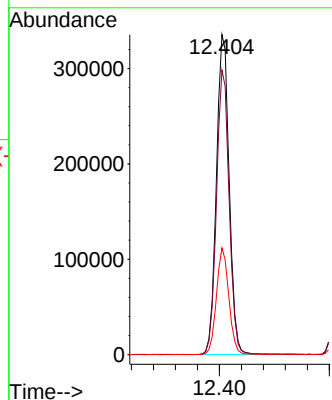
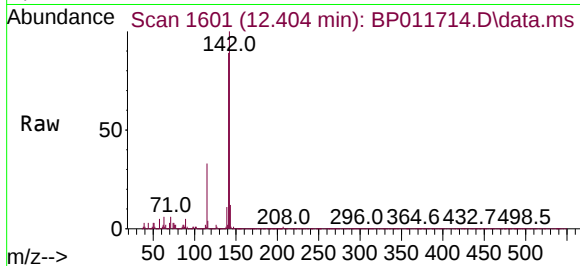
#37  
2-Methylnaphthalene  
Concen: 8.760 ng  
RT: 12.404 min Scan# 1601  
Delta R.T. -0.006 min  
Lab File: BP011714.D  
Acq: 15 Sep 2022 19:20

Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:142 Resp: 540165  
Ion Ratio Lower Upper  
142 100  
141 88.9 71.3 106.9  
115 33.3 31.4 47.2

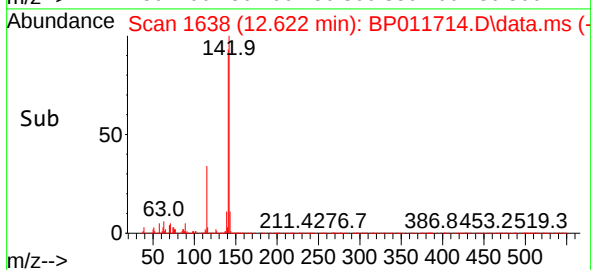
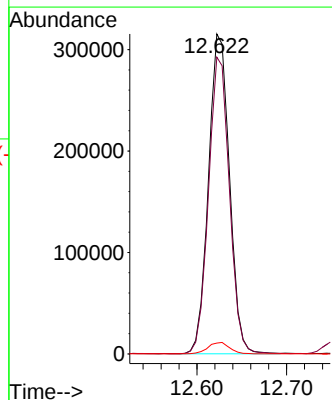
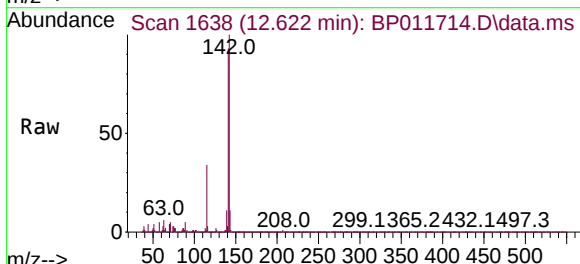
Manual Integrations  
APPROVED

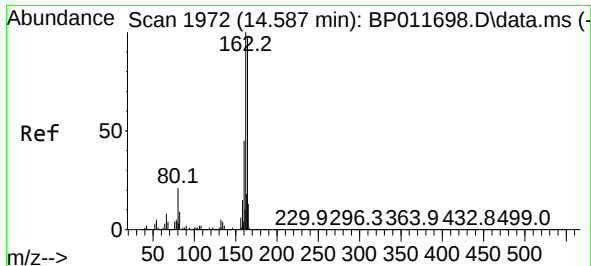
Reviewed By :Christian Giraldo 09/16/2022  
Supervised By :Jagrut Upadhyay 09/16/2022



#38  
1-Methylnaphthalene  
Concen: 8.496 ng  
RT: 12.622 min Scan# 1638  
Delta R.T. -0.006 min  
Lab File: BP011714.D  
Acq: 15 Sep 2022 19:20

Tgt Ion:142 Resp: 512188  
Ion Ratio Lower Upper  
142 100  
141 92.7 72.6 108.8  
116 3.4 3.3 4.9





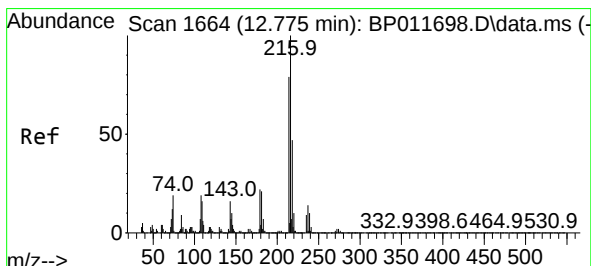
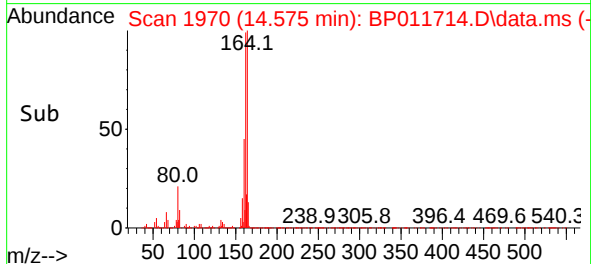
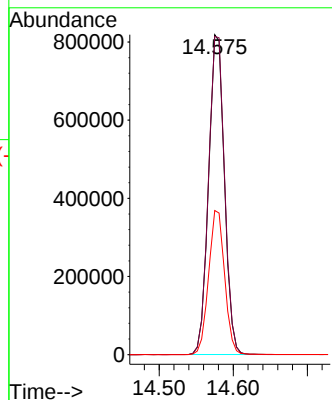
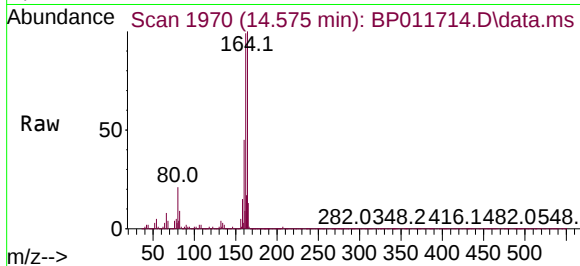
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.575 min Scan# 1972  
Delta R.T. -0.012 min  
Lab File: BP011714.D  
Acq: 15 Sep 2022 19:20

Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:164 Resp: 1211718  
Ion Ratio Lower Upper  
164 100  
162 99.5 81.9 122.9  
160 45.0 34.6 51.8

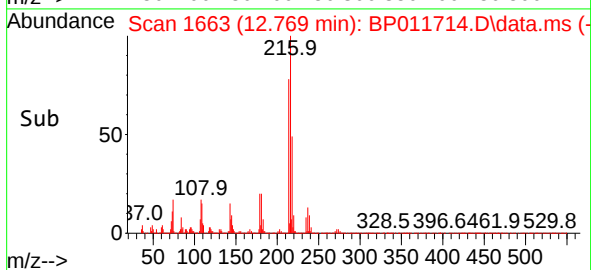
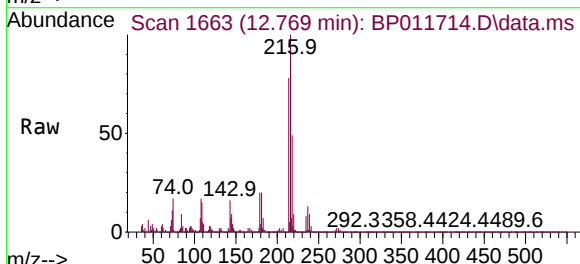
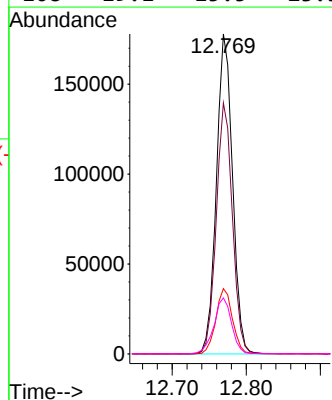
Manual Integrations  
APPROVED

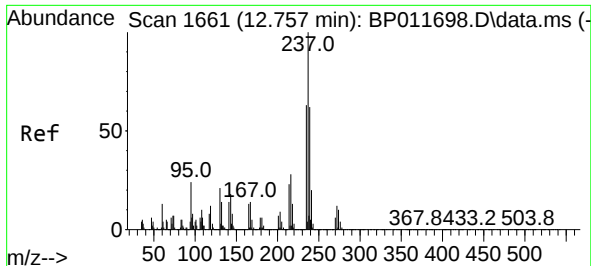
Reviewed By :Christian Giraldo 09/16/2022  
Supervised By :Jagrut Upadhyay 09/16/2022



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 8.391 ng  
RT: 12.769 min Scan# 1663  
Delta R.T. -0.006 min  
Lab File: BP011714.D  
Acq: 15 Sep 2022 19:20

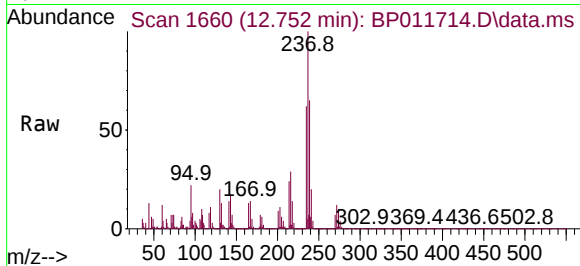
Tgt Ion:216 Resp: 268338  
Ion Ratio Lower Upper  
216 100  
214 78.6 61.9 92.9  
179 21.1 17.0 25.6  
108 19.1 15.5 23.3





#41  
Hexachlorocyclopentadiene  
Concen: 8.988 ng  
RT: 12.752 min Scan# 1661  
Delta R.T. -0.006 min  
Lab File: BP011714.D  
Acq: 15 Sep 2022 19:20

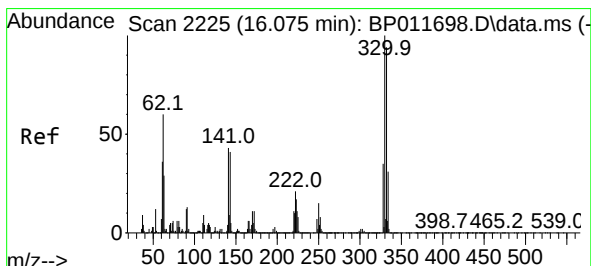
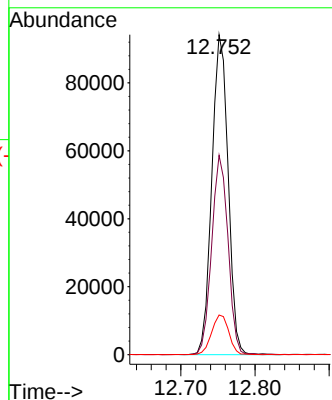
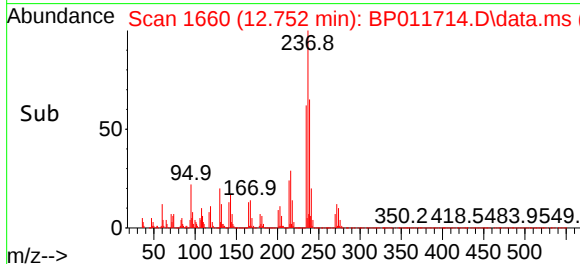
Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2022



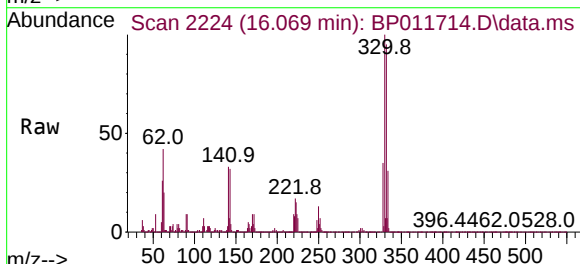
Tgt Ion: 237 Resp: 143473  
Ion Ratio Lower Upper  
237 100  
235 62.3 43.3 83.3  
272 12.4 0.0 33.0

Manual Integrations  
APPROVED

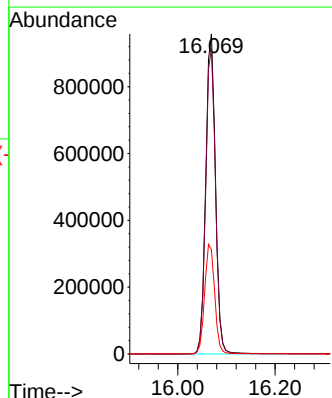
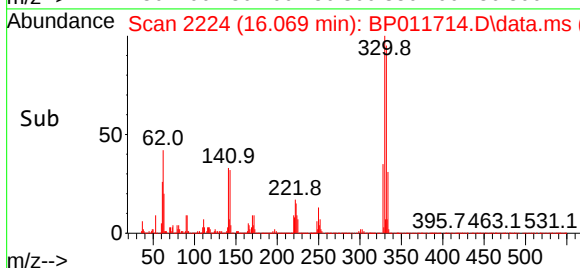
Reviewed By : Christian Giraldo 09/16/2022  
Supervised By : Jagrut Upadhyay 09/16/2022

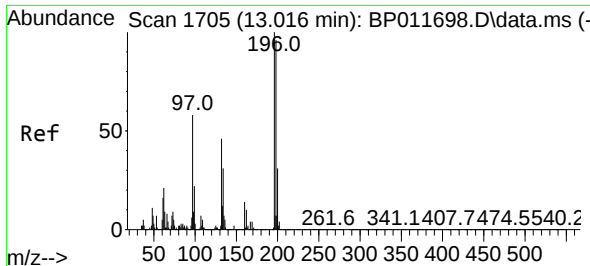


#42  
2,4,6-Tribromophenol  
Concen: 140.388 ng  
RT: 16.069 min Scan# 2224  
Delta R.T. -0.006 min  
Lab File: BP011714.D  
Acq: 15 Sep 2022 19:20



Tgt Ion: 330 Resp: 1329139  
Ion Ratio Lower Upper  
330 100  
332 96.3 78.1 117.1  
141 35.4 31.4 47.2





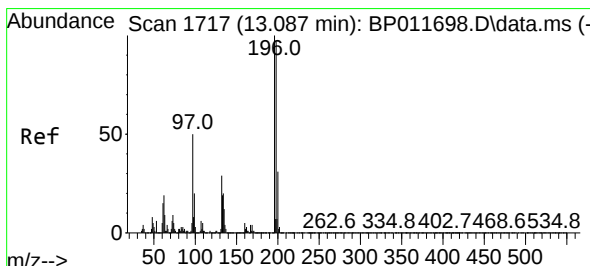
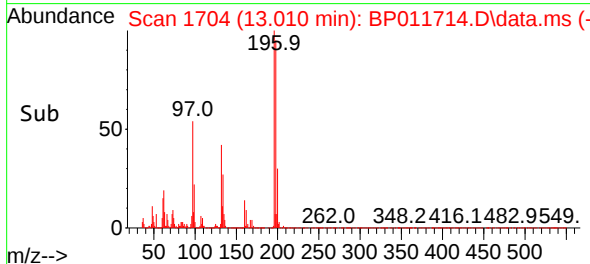
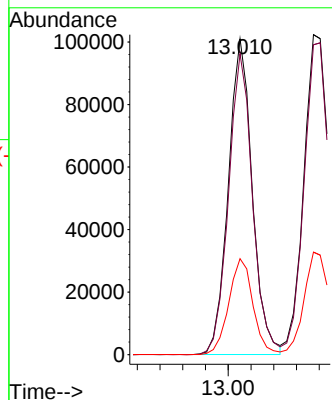
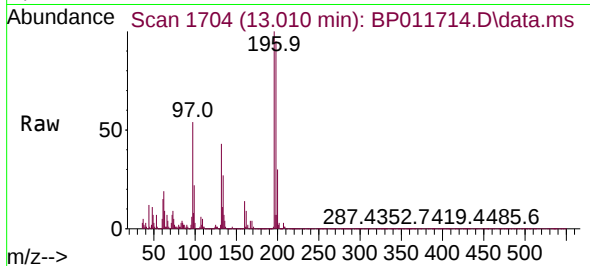
#43  
2,4,6-Trichlorophenol  
Concen: 6.793 ng  
RT: 13.010 min Scan# 1705  
Delta R.T. -0.006 min  
Lab File: BP011714.D  
Acq: 15 Sep 2022 19:20

Instrument : BNA\_P  
ClientSampleId : LOD-MDL-WATER-01-QT3-2022

Tgt Ion:196 Resp: 147772  
Ion Ratio Lower Upper  
196 100  
198 95.2 77.7 116.5  
200 30.4 25.5 38.3

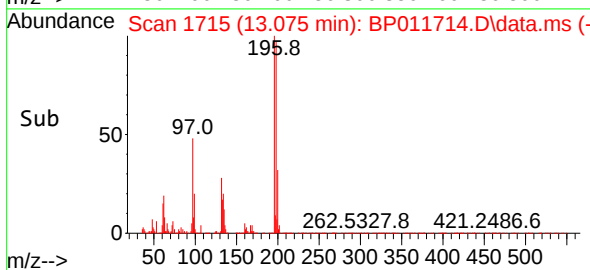
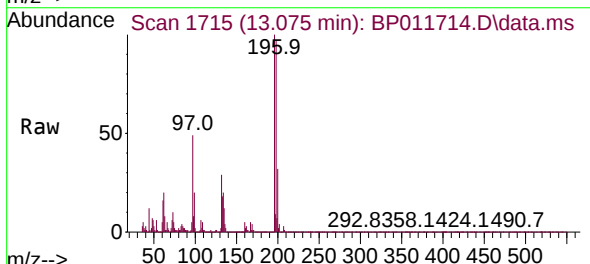
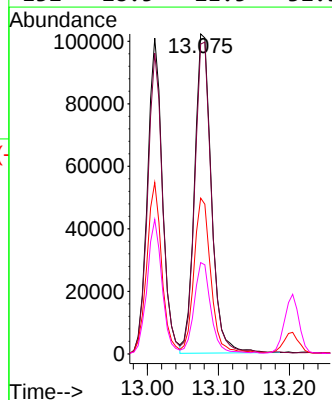
Manual Integrations  
APPROVED

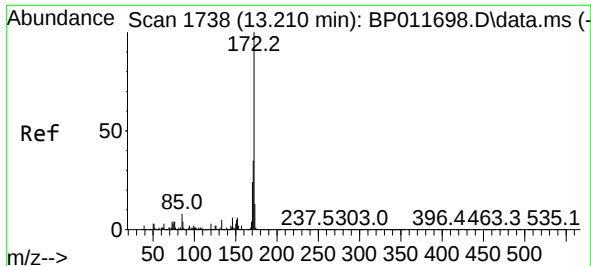
Reviewed By :Christian Giraldo 09/16/2022  
Supervised By :Jagrut Upadhyay 09/16/2022



#44  
2,4,5-Trichlorophenol  
Concen: 6.892 ng  
RT: 13.075 min Scan# 1715  
Delta R.T. -0.012 min  
Lab File: BP011714.D  
Acq: 15 Sep 2022 19:20

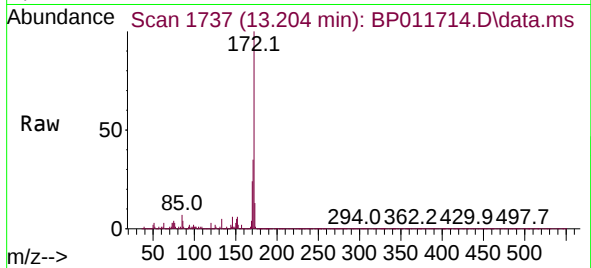
Tgt Ion:196 Resp: 167618  
Ion Ratio Lower Upper  
196 100  
198 96.8 75.7 113.5  
97 48.7 42.4 63.6  
132 28.5 21.5 32.3





#45  
2-Fluorobiphenyl  
Concen: 75.766 ng  
RT: 13.204 min Scan# 1738  
Delta R.T. -0.006 min  
Lab File: BP011714.D  
Acq: 15 Sep 2022 19:20

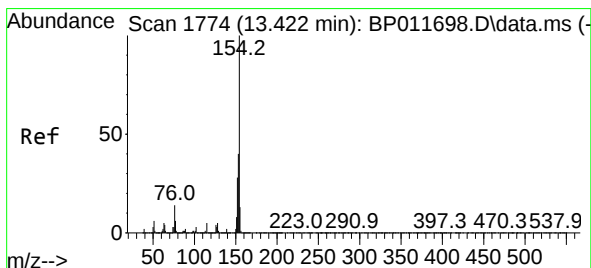
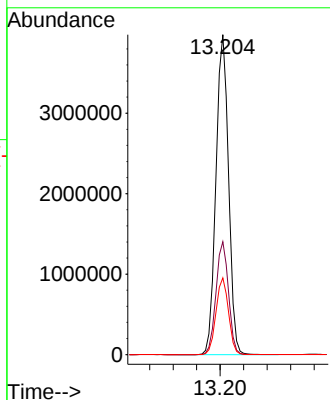
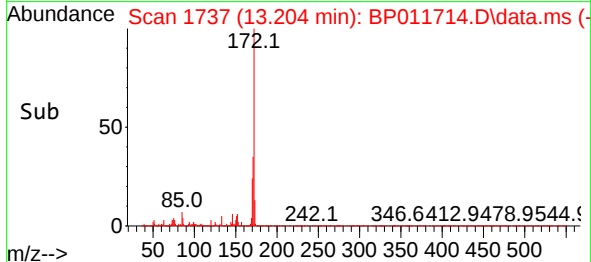
Instrument : BNA\_P  
ClientSampleId : LOD-MDL-WATER-01-QT3-2022



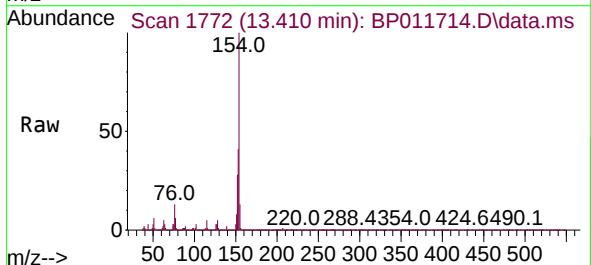
Tgt Ion:172 Resp: 590612  
Ion Ratio Lower Upper  
172 100  
171 35.3 27.9 41.9  
170 24.0 18.2 27.2

Manual Integrations  
APPROVED

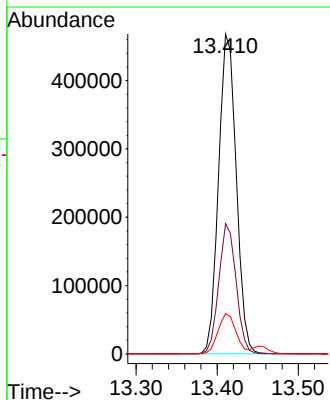
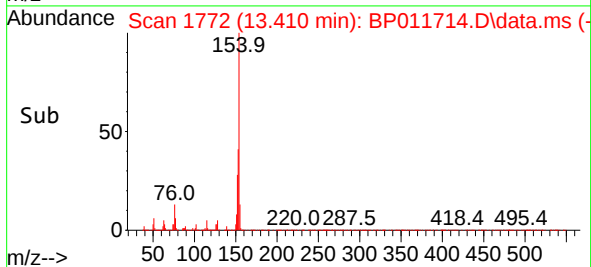
Reviewed By :Christian Giraldo 09/16/2022  
Supervised By :Jagrut Upadhyay 09/16/2022

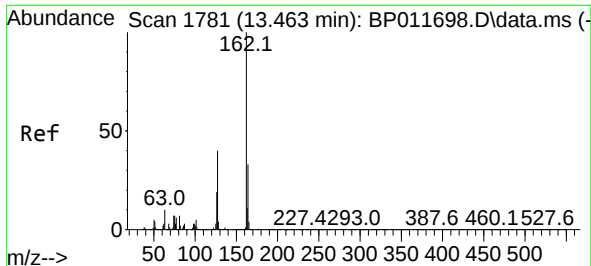


#46  
1,1'-Biphenyl  
Concen: 8.032 ng  
RT: 13.410 min Scan# 1772  
Delta R.T. -0.012 min  
Lab File: BP011714.D  
Acq: 15 Sep 2022 19:20



Tgt Ion:154 Resp: 708060  
Ion Ratio Lower Upper  
154 100  
153 40.7 20.1 60.1  
76 12.6 0.0 33.2





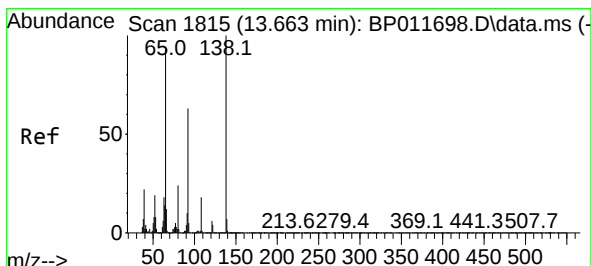
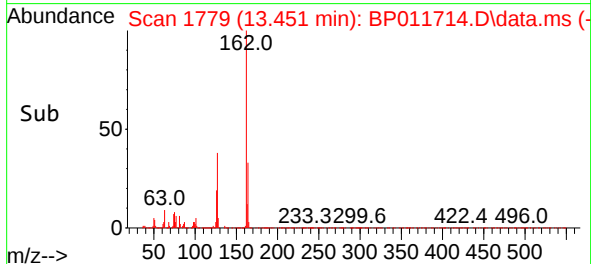
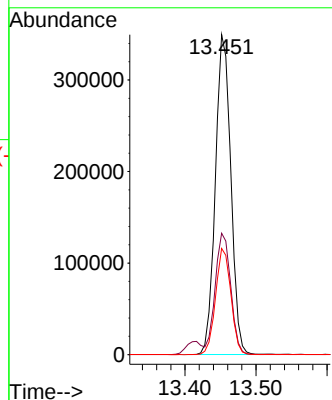
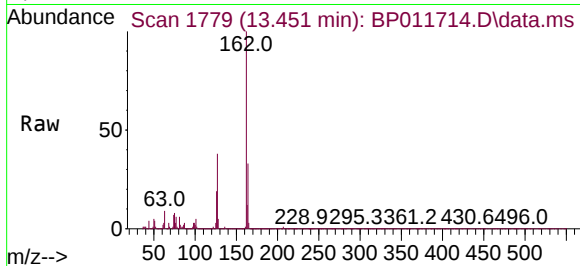
#47  
2-Chloronaphthalene  
Concen: 7.640 ng  
RT: 13.451 min Scan# 1779  
Delta R.T. -0.012 min  
Lab File: BP011714.D  
Acq: 15 Sep 2022 19:20

Instrument : BNA\_P  
ClientSampleId : LOD-MDL-WATER-01-QT3-2022

Tgt Ion:162 Resp: 529868  
Ion Ratio Lower Upper  
162 100  
127 37.9 32.4 48.6  
164 33.2 26.3 39.5

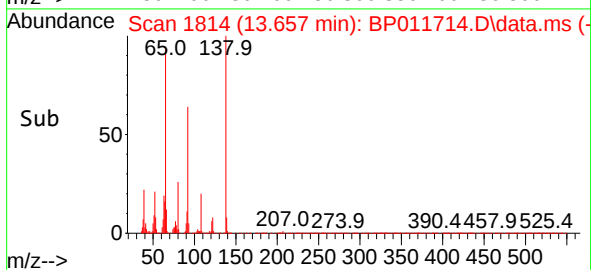
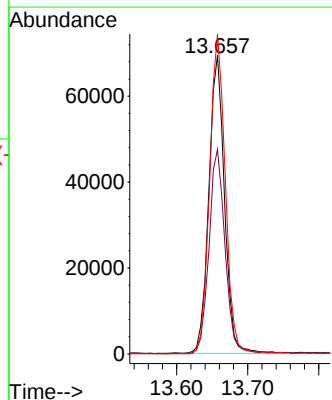
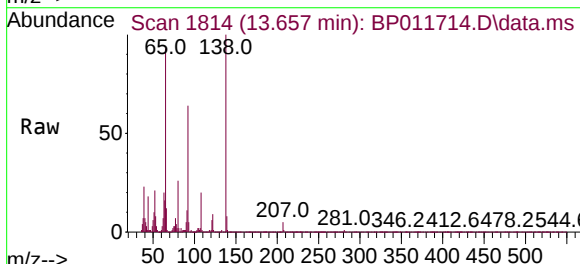
Manual Integrations  
APPROVED

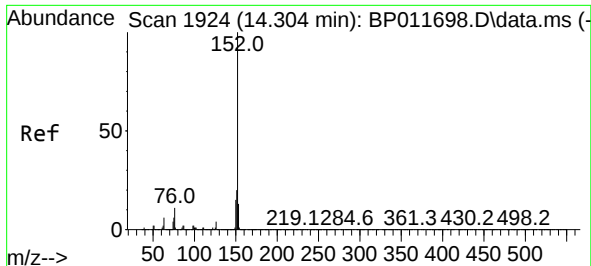
Reviewed By :Christian Giraldo 09/16/2022  
Supervised By :Jagrut Upadhyay 09/16/2022



#48  
2-Nitroaniline  
Concen: 5.453 ng  
RT: 13.657 min Scan# 1814  
Delta R.T. -0.006 min  
Lab File: BP011714.D  
Acq: 15 Sep 2022 19:20

Tgt Ion: 65 Resp: 106069  
Ion Ratio Lower Upper  
65 100  
92 68.4 50.0 75.0  
138 107.1 71.2 106.8#





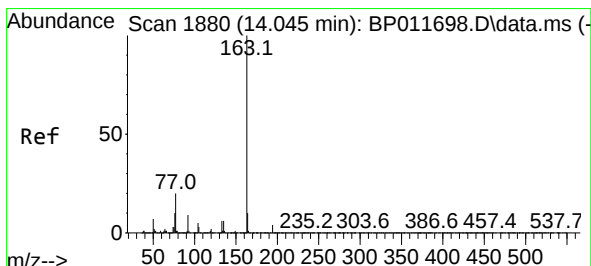
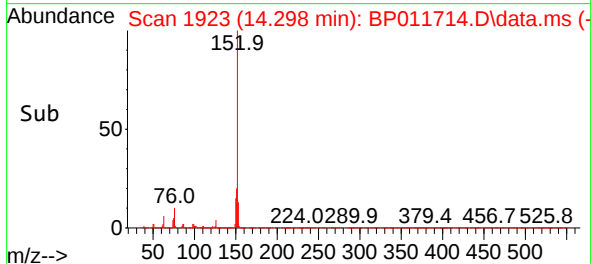
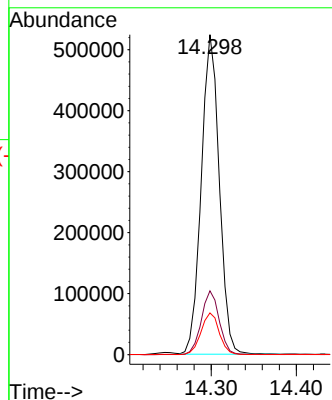
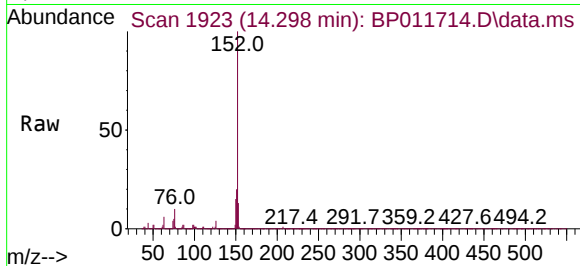
#49  
Acenaphthylene  
Concen: 7.161 ng  
RT: 14.298 min Scan# 1924  
Delta R.T. -0.006 min  
Lab File: BP011714.D  
Acq: 15 Sep 2022 19:20

Instrument : BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:152 Resp: 768511  
Ion Ratio Lower Upper  
152 100  
151 19.9 15.7 23.5  
153 13.0 10.4 15.6

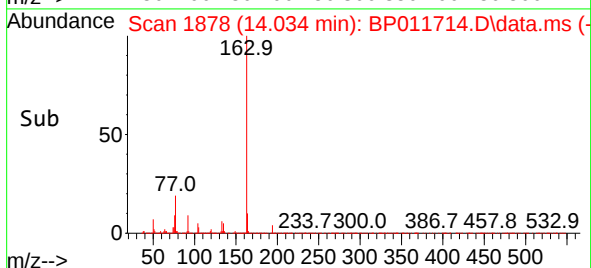
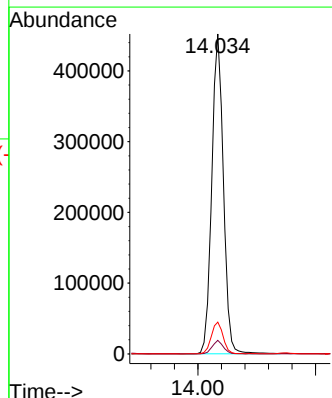
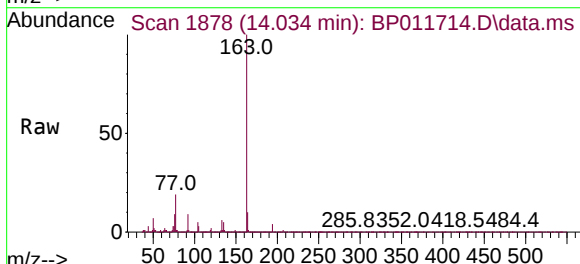
Manual Integrations  
APPROVED

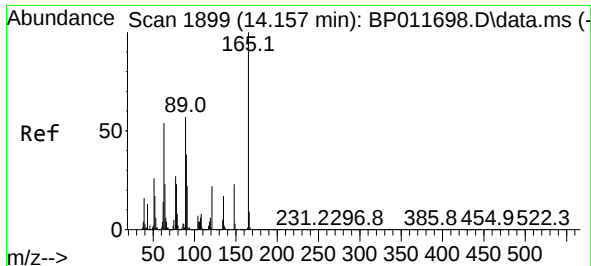
Reviewed By :Christian Giraldo 09/16/2022  
Supervised By :Jagrut Upadhyay 09/16/2022



#50  
Dimethylphthalate  
Concen: 7.337 ng  
RT: 14.034 min Scan# 1878  
Delta R.T. -0.012 min  
Lab File: BP011714.D  
Acq: 15 Sep 2022 19:20

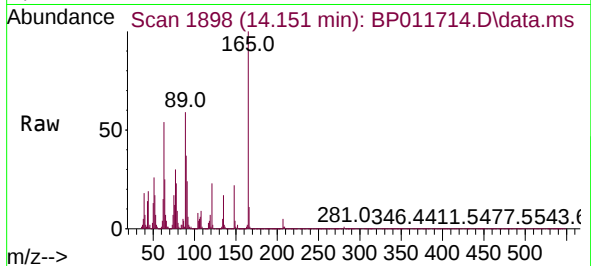
Tgt Ion:163 Resp: 620251  
Ion Ratio Lower Upper  
163 100  
194 4.2 3.1 4.7  
164 9.9 8.2 12.4





#51  
2,6-Dinitrotoluene  
Concen: 6.389 ng  
RT: 14.151 min Scan# 1899  
Delta R.T. -0.006 min  
Lab File: BP011714.D  
Acq: 15 Sep 2022 19:20

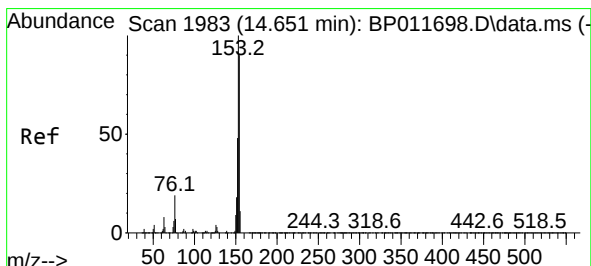
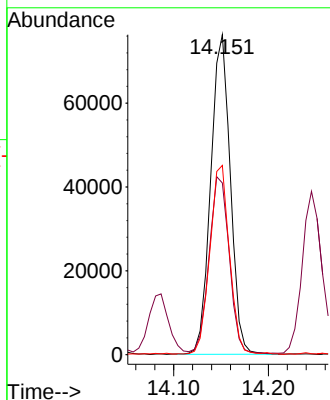
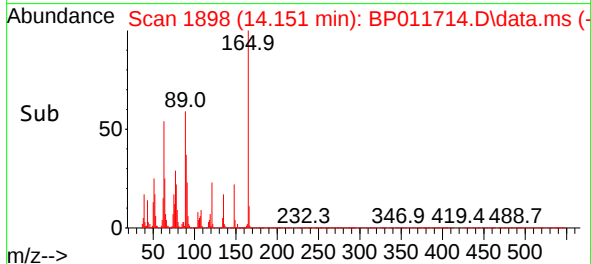
Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2022



Tgt Ion:165 Resp: 109516  
Ion Ratio Lower Upper  
165 100  
63 53.6 57.3 85.9  
89 59.1 50.2 75.2

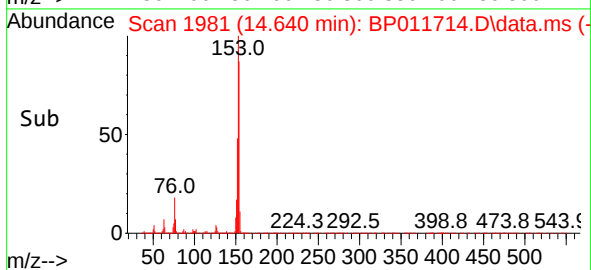
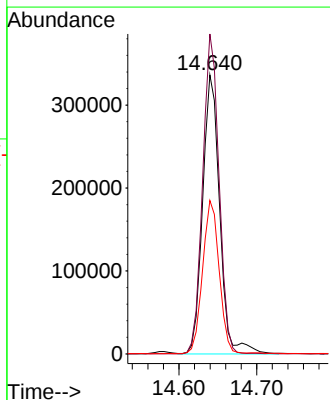
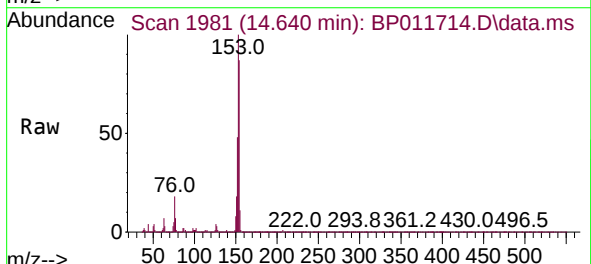
Manual Integrations  
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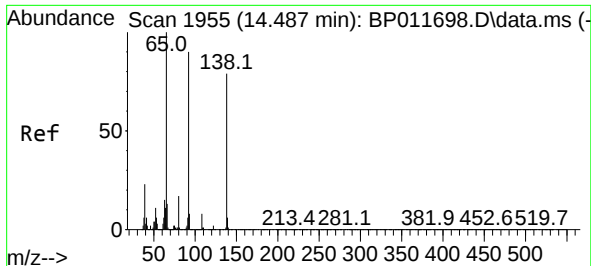
Reviewed By :Christian Giraldo 09/16/2022  
Supervised By :Jagrut Upadhyay 09/16/2022



#52  
Acenaphthene  
Concen: 7.192 ng m  
RT: 14.640 min Scan# 1981  
Delta R.T. -0.011 min  
Lab File: BP011714.D  
Acq: 15 Sep 2022 19:20

Tgt Ion:154 Resp: 513383  
Ion Ratio Lower Upper  
154 100  
153 114.7 87.4 131.2  
152 55.0 41.7 62.5





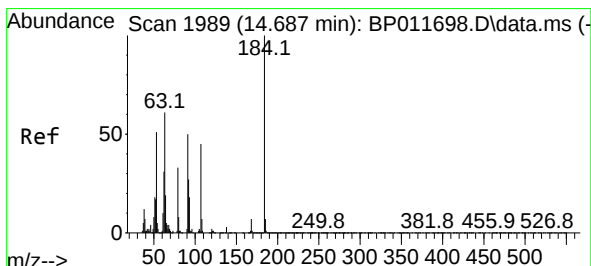
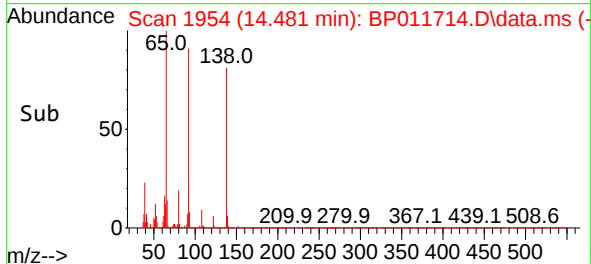
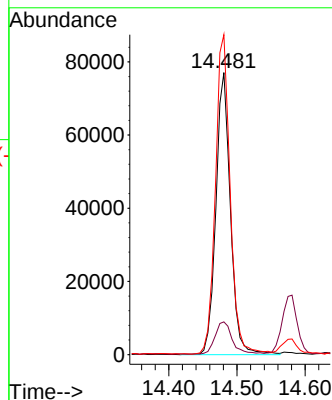
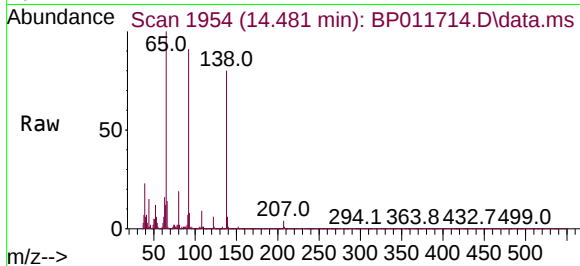
#53  
3-Nitroaniline  
Concen: 5.760 ng  
RT: 14.481 min Scan# 1955  
Delta R.T. -0.006 min  
Lab File: BP011714.D  
Acq: 15 Sep 2022 19:20

Instrument : BNA\_P  
ClientSampleId : LOD-MDL-WATER-01-QT3-2022

Tgt Ion:138 Resp: 11385  
Ion Ratio Lower Upper  
138 100  
108 11.6 9.5 14.3  
92 113.5 99.9 149.9

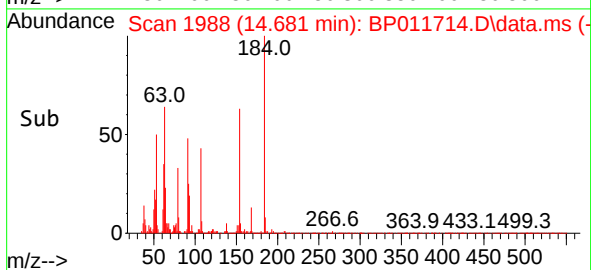
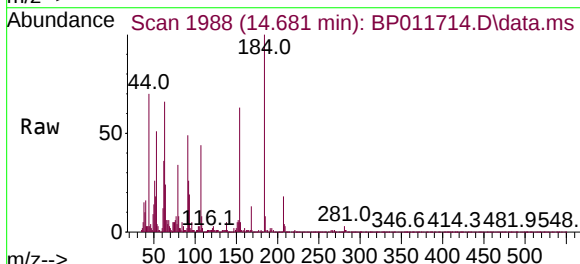
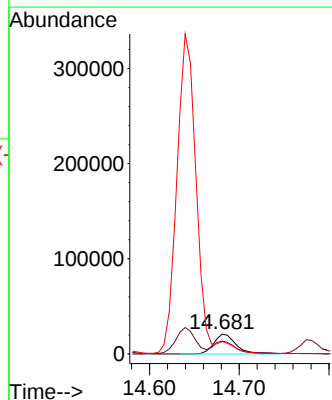
Manual Integrations  
APPROVED

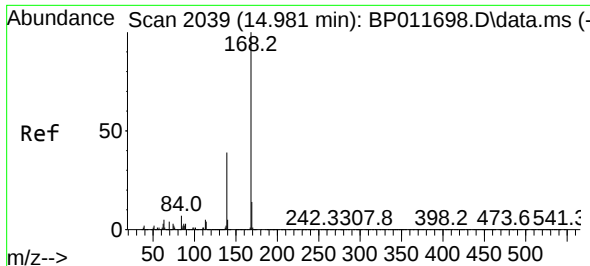
Reviewed By :Christian Giraldo 09/16/2022  
Supervised By :Jagrut Upadhyay 09/16/2022



#54  
2,4-Dinitrophenol  
Concen: 4.260 ng  
RT: 14.681 min Scan# 1988  
Delta R.T. -0.006 min  
Lab File: BP011714.D  
Acq: 15 Sep 2022 19:20

Tgt Ion:184 Resp: 35574  
Ion Ratio Lower Upper  
184 100  
63 65.6 65.4 98.2  
154 63.0 55.4 83.2





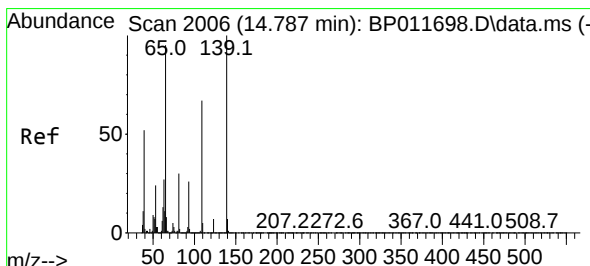
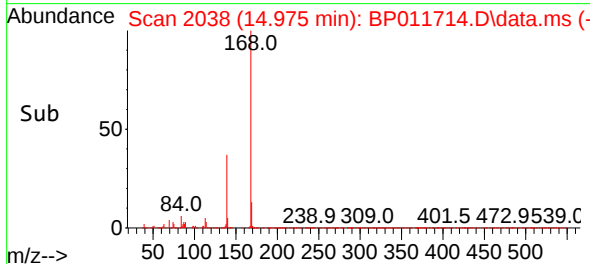
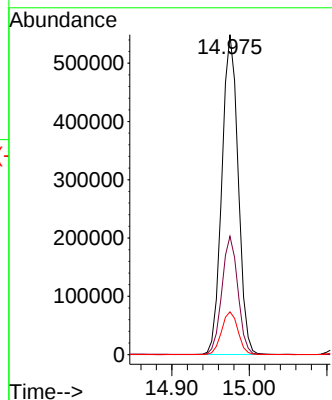
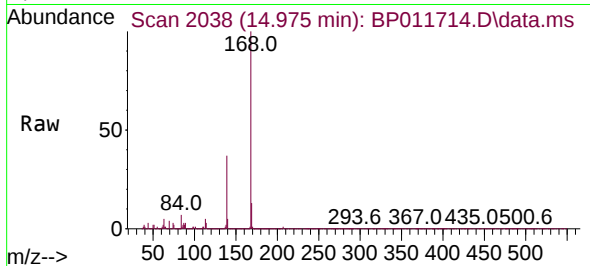
#55  
Dibenzofuran  
Concen: 7.805 ng  
RT: 14.975 min Scan# 2038  
Delta R.T. -0.006 min  
Lab File: BP011714.D  
Acq: 15 Sep 2022 19:20

Instrument : BNA\_P  
ClientSampleId : LOD-MDL-WATER-01-QT3-2022

Tgt Ion:168 Resp: 802285  
Ion Ratio Lower Upper  
168 100  
139 37.0 31.5 47.3  
169 13.4 10.3 15.5

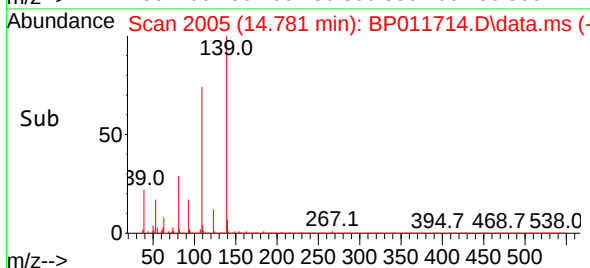
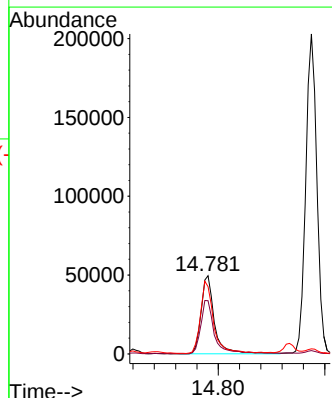
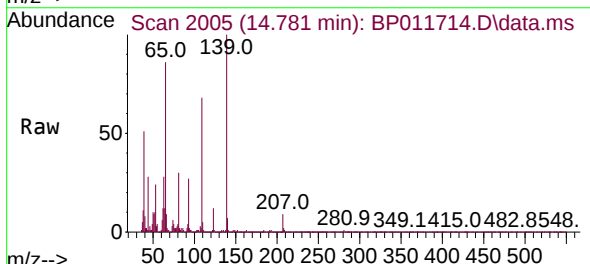
Manual Integrations  
APPROVED

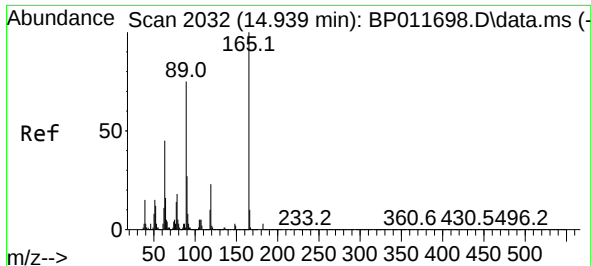
Reviewed By :Christian Giraldo 09/16/2022  
Supervised By :Jagrut Upadhyay 09/16/2022



#56  
4-Nitrophenol  
Concen: 5.164 ng  
RT: 14.781 min Scan# 2005  
Delta R.T. -0.006 min  
Lab File: BP011714.D  
Acq: 15 Sep 2022 19:20

Tgt Ion:139 Resp: 86005  
Ion Ratio Lower Upper  
139 100  
109 68.1 70.6 110.6#  
65 86.2 106.6 146.6#





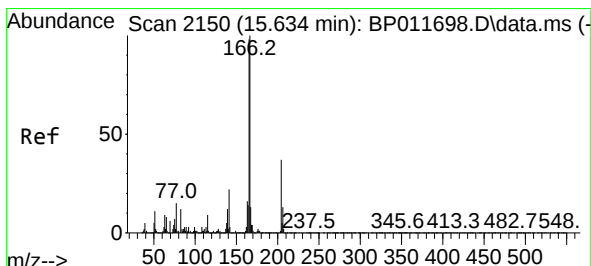
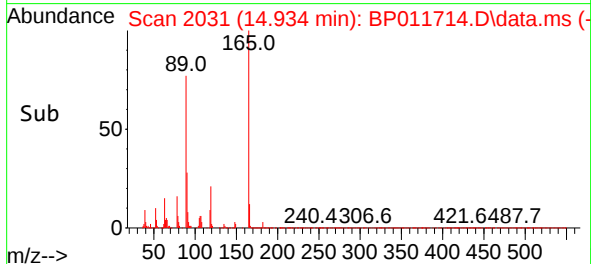
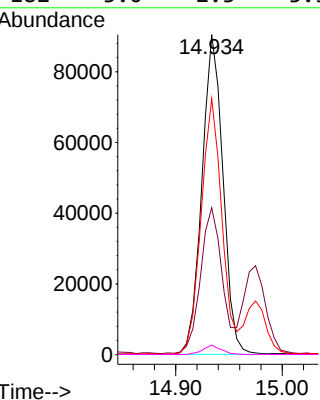
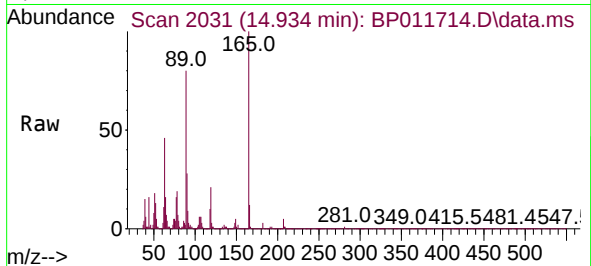
#57  
2,4-Dinitrotoluene  
Concen: 5.601 ng  
RT: 14.934 min Scan# 2032  
Delta R.T. -0.005 min  
Lab File: BP011714.D  
Acq: 15 Sep 2022 19:20

Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:165 Resp: 124372  
Ion Ratio Lower Upper  
165 100  
63 45.9 46.2 69.2  
89 80.0 65.8 98.8  
182 3.0 2.3 3.5

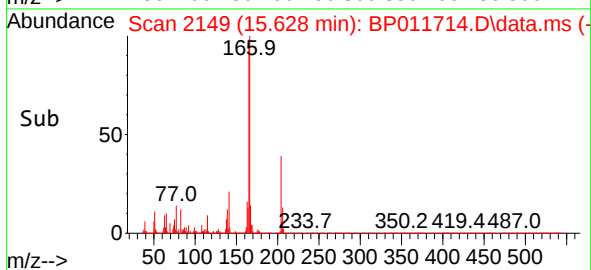
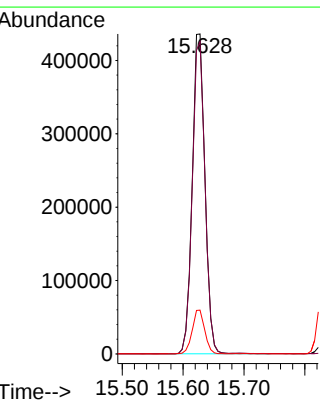
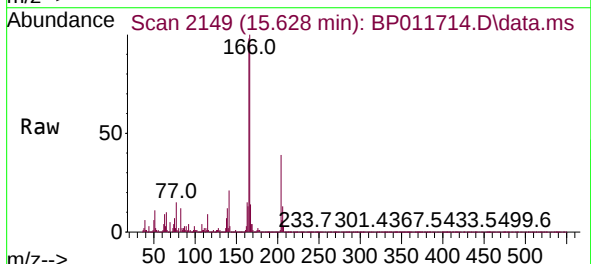
Manual Integrations  
APPROVED

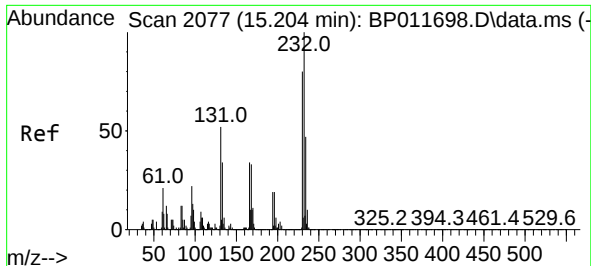
Reviewed By :Christian Giraldo 09/16/2022  
Supervised By :Jagrut Upadhyay 09/16/2022



#58  
Fluorene  
Concen: 7.565 ng  
RT: 15.628 min Scan# 2149  
Delta R.T. -0.006 min  
Lab File: BP011714.D  
Acq: 15 Sep 2022 19:20

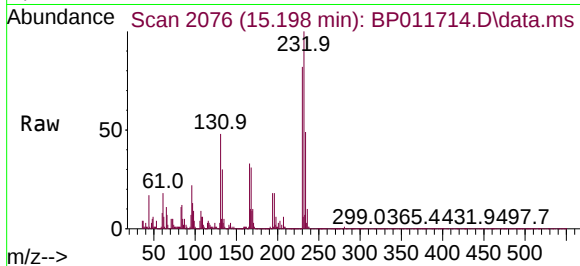
Tgt Ion:166 Resp: 630794  
Ion Ratio Lower Upper  
166 100  
165 97.5 77.0 115.4  
167 13.7 10.9 16.3





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 6.790 ng  
RT: 15.198 min Scan# 2076  
Delta R.T. -0.006 min  
Lab File: BP011714.D  
Acq: 15 Sep 2022 19:20

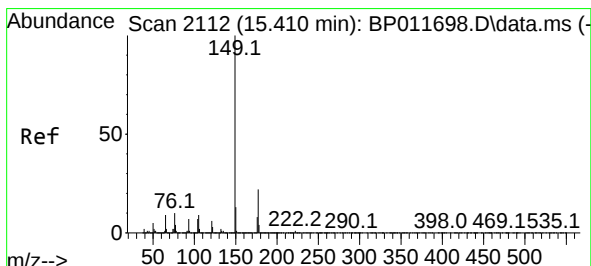
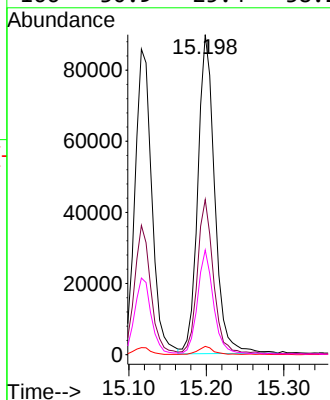
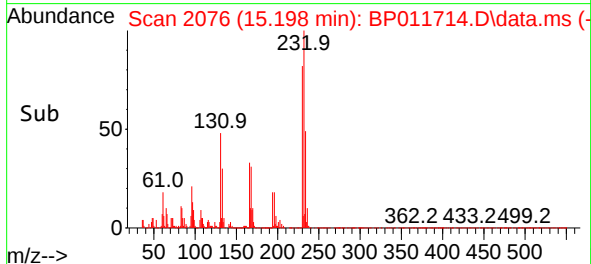
Instrument : BNA\_P  
ClientSampleId : LOD-MDL-WATER-01-QT3-2022



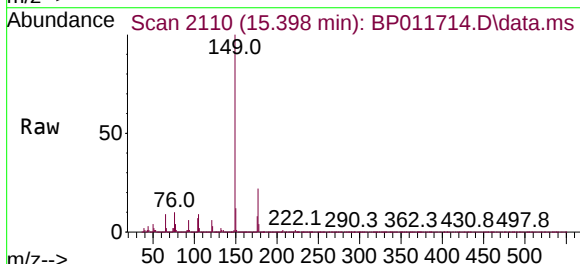
Tgt Ion: 232 Resp: 135670  
Ion Ratio Lower Upper  
232 100  
131 46.1 37.0 55.6  
130 2.4 2.2 3.2  
166 30.9 25.4 38.2

Manual Integrations  
APPROVED

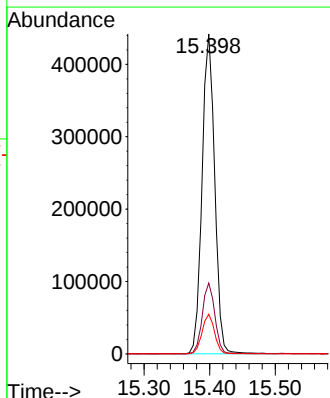
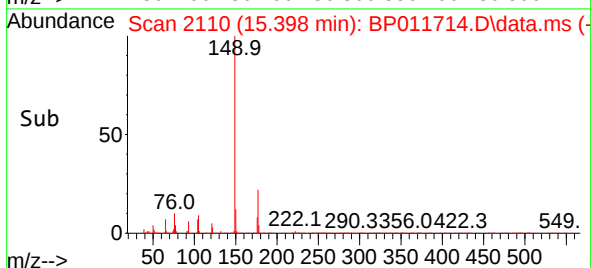
Reviewed By : Christian Giraldo 09/16/2022  
Supervised By : Jagrut Upadhyay 09/16/2022

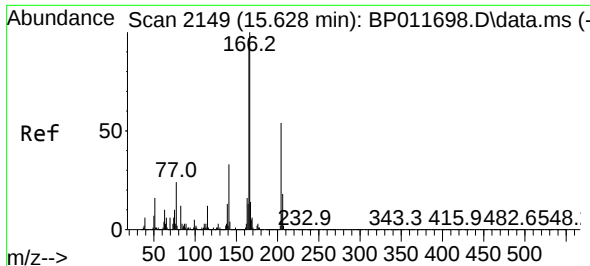


#60  
Diethylphthalate  
Concen: 6.979 ng  
RT: 15.398 min Scan# 2110  
Delta R.T. -0.012 min  
Lab File: BP011714.D  
Acq: 15 Sep 2022 19:20



Tgt Ion: 149 Resp: 587319  
Ion Ratio Lower Upper  
149 100  
177 22.1 17.8 26.8  
150 12.4 9.9 14.9





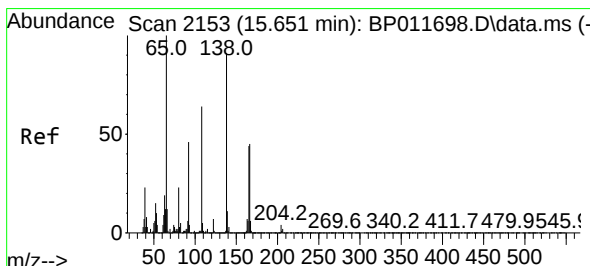
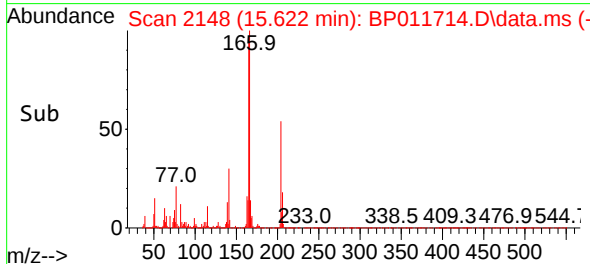
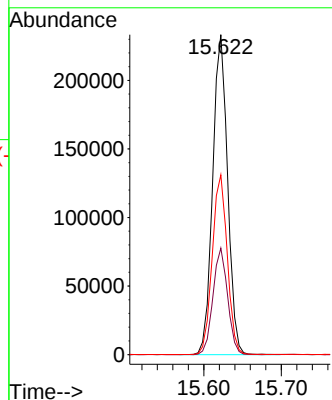
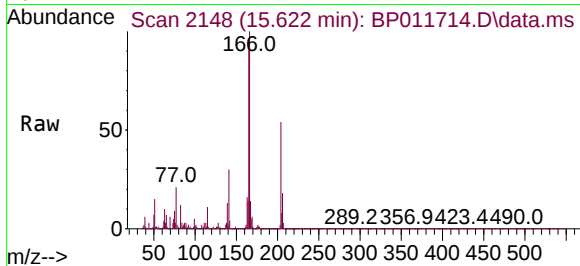
#61  
4-Chlorophenyl-phenylether  
Concen: 8.083 ng  
RT: 15.622 min Scan# 2149  
Delta R.T. -0.006 min  
Lab File: BP011714.D  
Acq: 15 Sep 2022 19:20

Instrument : BNA\_P  
ClientSampleId : LOD-MDL-WATER-01-QT3-2022

Tgt Ion: 204 Resp: 311523  
Ion Ratio Lower Upper  
204 100  
206 33.3 26.3 39.5  
141 56.2 51.1 76.7

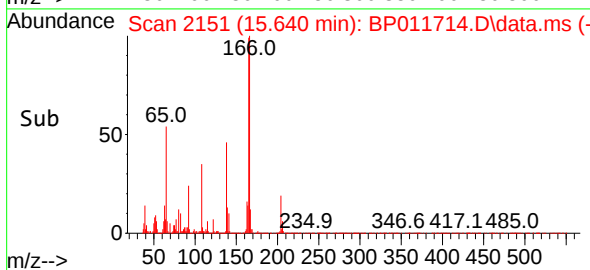
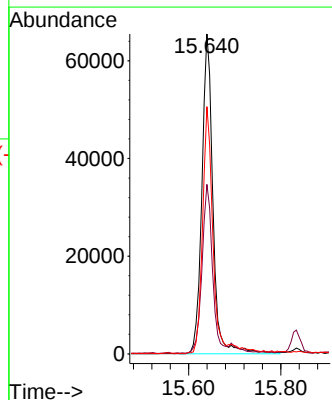
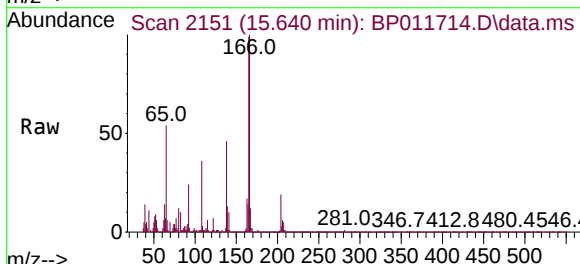
Manual Integrations  
APPROVED

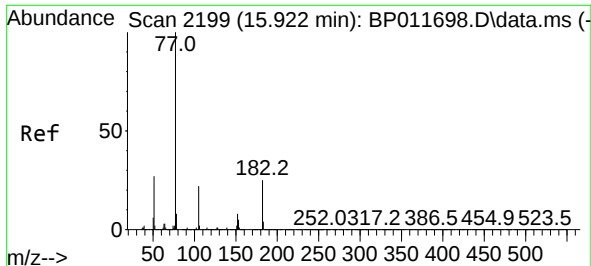
Reviewed By : Christian Giraldo 09/16/2022  
Supervised By : Jagrut Upadhyay 09/16/2022



#62  
4-Nitroaniline  
Concen: 5.482 ng  
RT: 15.640 min Scan# 2151  
Delta R.T. -0.011 min  
Lab File: BP011714.D  
Acq: 15 Sep 2022 19:20

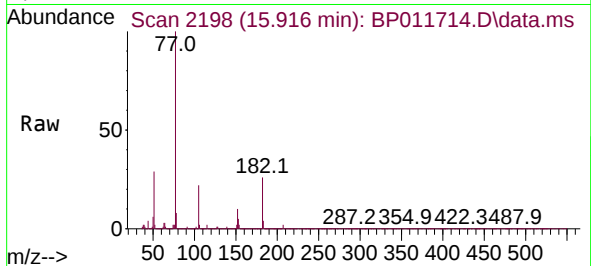
Tgt Ion: 138 Resp: 108929  
Ion Ratio Lower Upper  
138 100  
92 53.0 38.0 78.0  
108 77.3 77.6 117.6#





#63  
Azobenzene  
Concen: 6.361 ng  
RT: 15.916 min Scan# 2199  
Delta R.T. -0.006 min  
Lab File: BP011714.D  
Acq: 15 Sep 2022 19:20

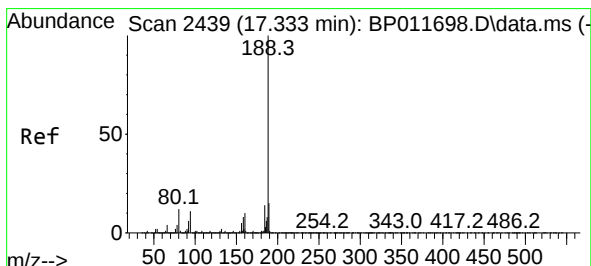
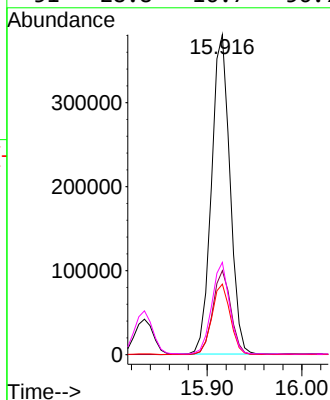
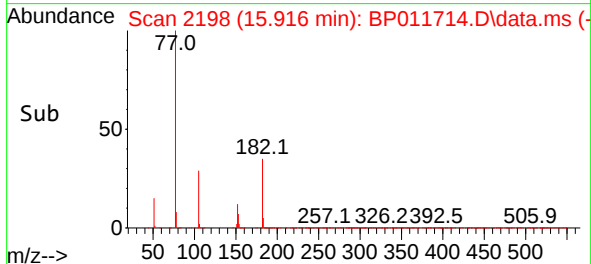
Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2022



Tgt Ion: 77 Resp: 514430  
Ion Ratio Lower Upper  
77 100  
182 26.2 3.0 43.0  
105 22.0 0.0 38.6  
51 28.8 16.7 56.7

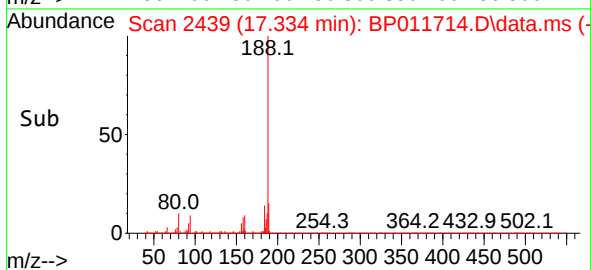
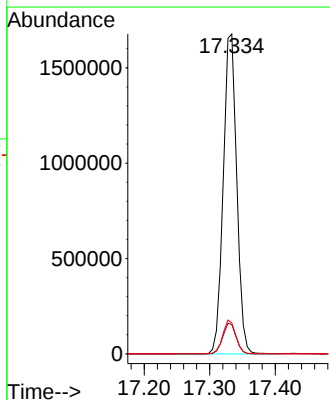
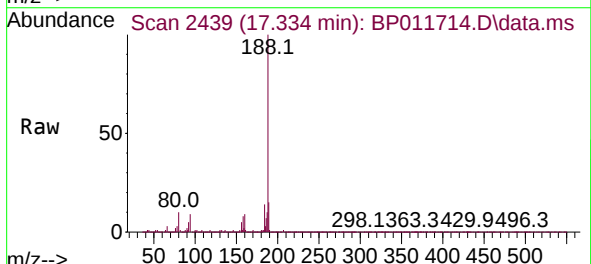
Manual Integrations  
APPROVED

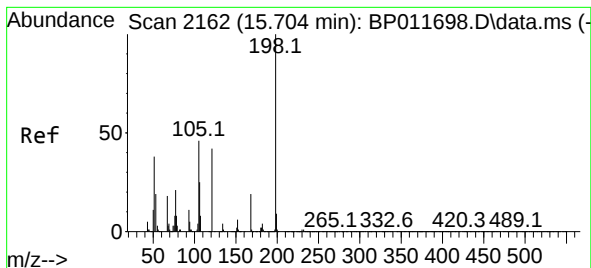
Reviewed By :Christian Giraldo 09/16/2022  
Supervised By :Jagrut Upadhyay 09/16/2022



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.334 min Scan# 2439  
Delta R.T. 0.001 min  
Lab File: BP011714.D  
Acq: 15 Sep 2022 19:20

Tgt Ion:188 Resp: 2399124  
Ion Ratio Lower Upper  
188 100  
94 9.2 6.6 10.0  
80 9.7 8.0 12.0





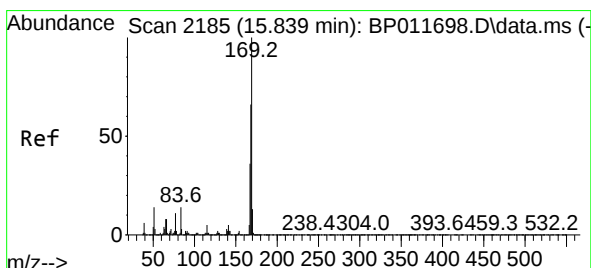
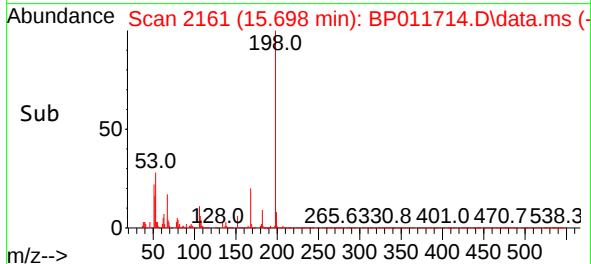
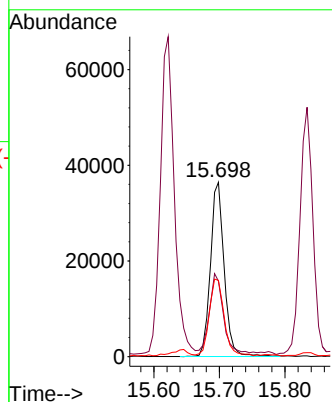
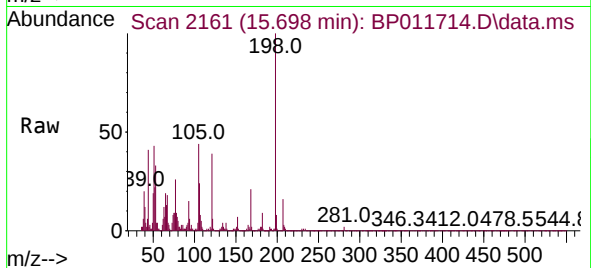
#65  
4,6-Dinitro-2-methylphenol  
Concen: 4.506 ng  
RT: 15.698 min Scan# 2162  
Delta R.T. -0.006 min  
Lab File: BP011714.D  
Acq: 15 Sep 2022 19:20

Instrument : BNA\_P  
ClientSampleId : LOD-MDL-WATER-01-QT3-2022

Tgt Ion:198 Resp: 52864  
Ion Ratio Lower Upper  
198 100  
51 43.3 41.2 81.2  
105 43.7 25.3 65.3

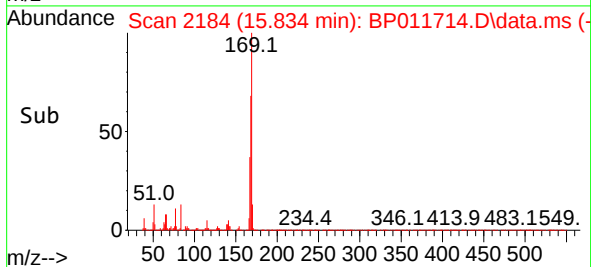
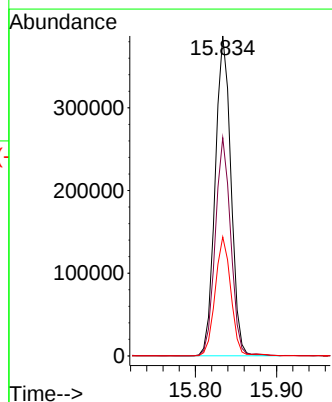
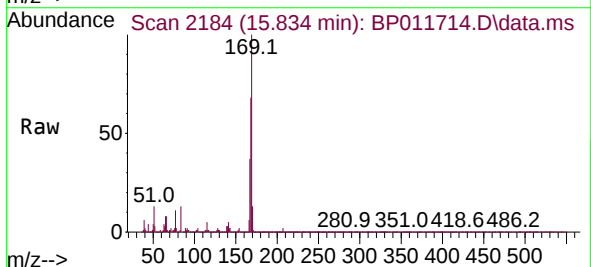
Manual Integrations  
APPROVED

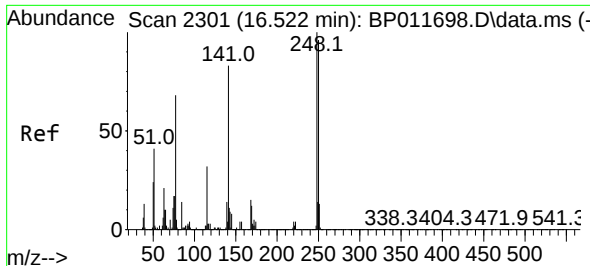
Reviewed By :Christian Giraldo 09/16/2022  
Supervised By :Jagrut Upadhyay 09/16/2022



#66  
n-Nitrosodiphenylamine  
Concen: 7.303 ng  
RT: 15.834 min Scan# 2184  
Delta R.T. -0.006 min  
Lab File: BP011714.D  
Acq: 15 Sep 2022 19:20

Tgt Ion:169 Resp: 521328  
Ion Ratio Lower Upper  
169 100  
168 68.2 51.8 77.8  
167 37.2 28.3 42.5





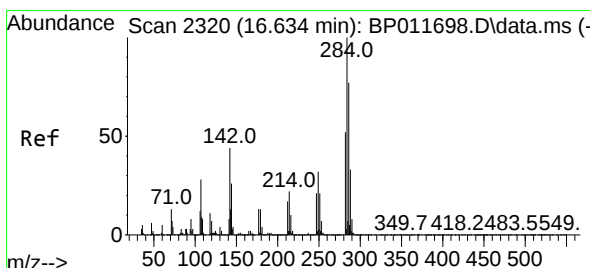
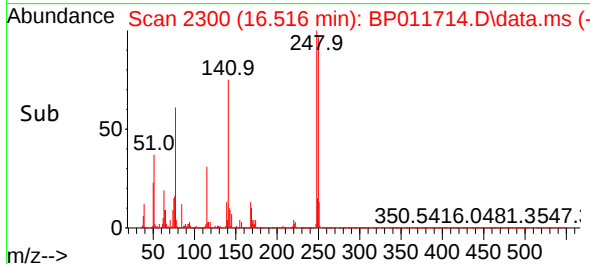
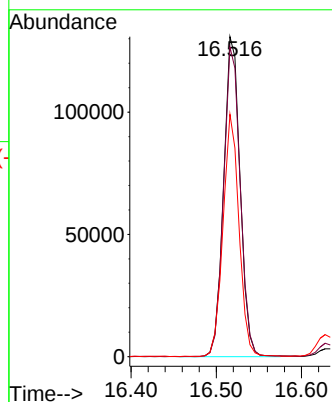
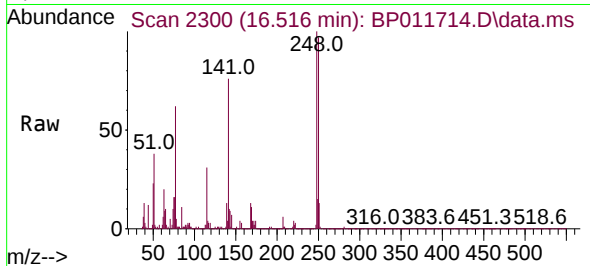
#67  
4-Bromophenyl-phenylether  
Concen: 7.814 ng  
RT: 16.516 min Scan# 2319  
Delta R.T. -0.006 min  
Lab File: BP011714.D  
Acq: 15 Sep 2022 19:20

Instrument : BNA\_P  
ClientSampleId : LOD-MDL-WATER-01-QT3-2022

Tgt Ion:248 Resp: 175497  
Ion Ratio Lower Upper  
248 100  
250 96.7 77.7 116.5  
141 75.7 62.0 93.0

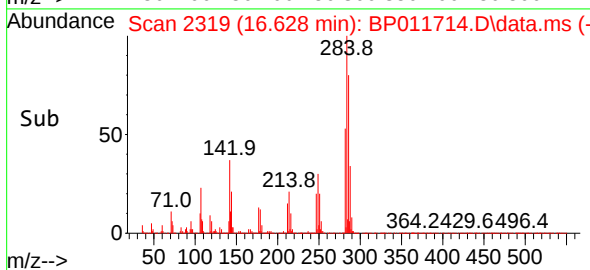
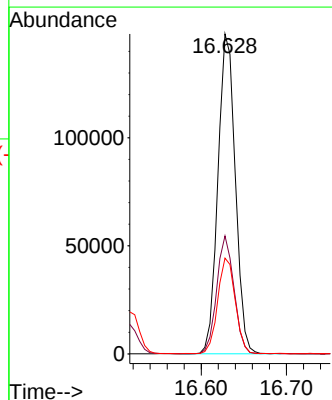
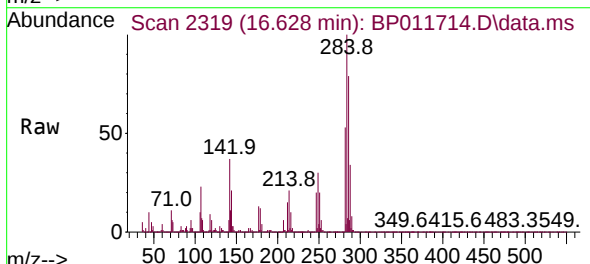
Manual Integrations  
APPROVED

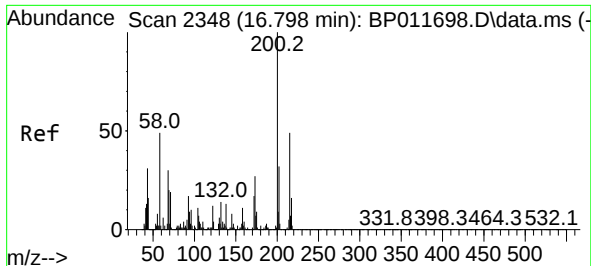
Reviewed By :Christian Giraldo 09/16/2022  
Supervised By :Jagrut Upadhyay 09/16/2022



#68  
Hexachlorobenzene  
Concen: 8.674 ng  
RT: 16.628 min Scan# 2319  
Delta R.T. -0.006 min  
Lab File: BP011714.D  
Acq: 15 Sep 2022 19:20

Tgt Ion:284 Resp: 209799  
Ion Ratio Lower Upper  
284 100  
142 36.9 30.8 46.2  
249 29.9 26.8 40.2





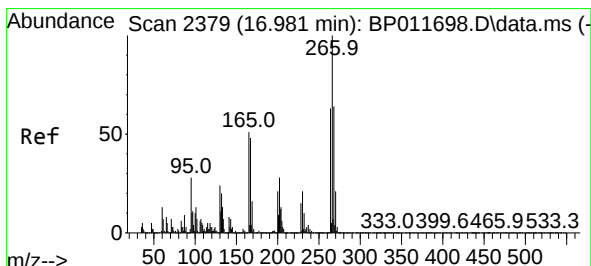
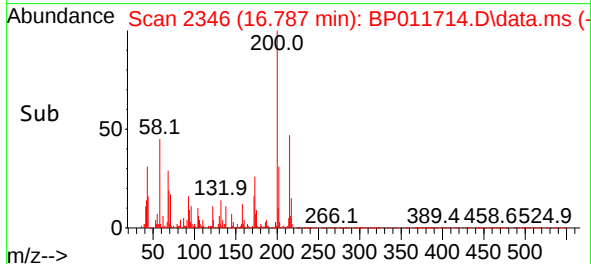
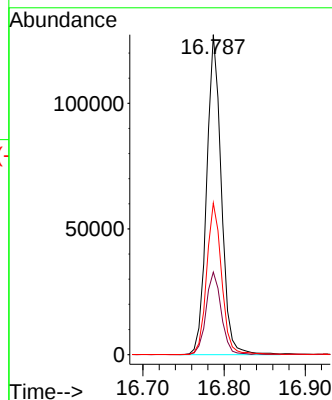
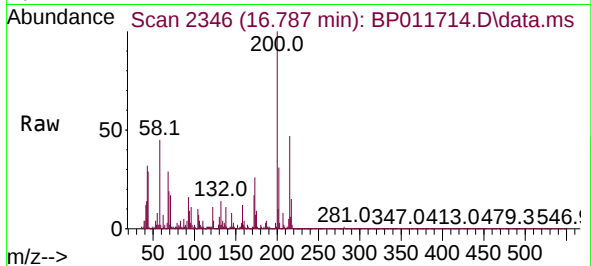
#69  
Atrazine  
Concen: 7.346 ng  
RT: 16.787 min Scan# 2346  
Delta R.T. -0.012 min  
Lab File: BP011714.D  
Acq: 15 Sep 2022 19:20

Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:200 Resp: 160063  
Ion Ratio Lower Upper  
200 100  
173 25.8 5.3 45.3  
215 47.4 29.4 69.4

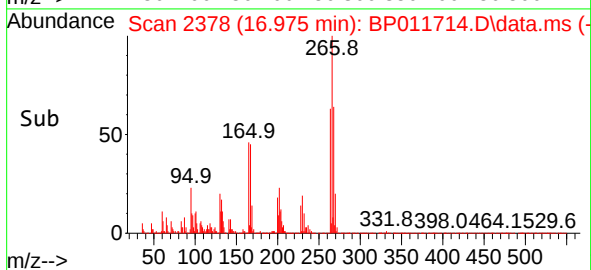
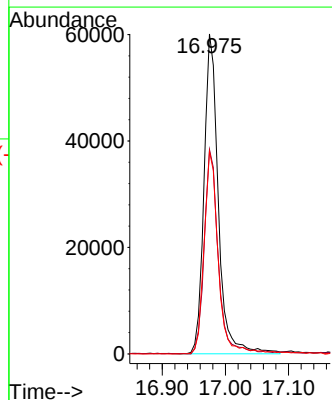
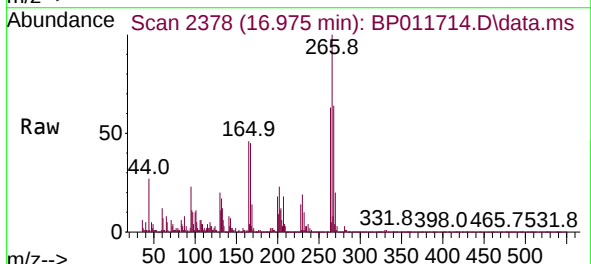
Manual Integrations  
APPROVED

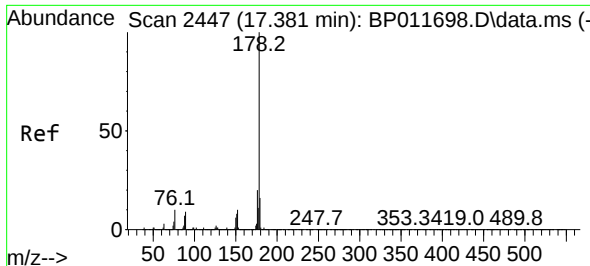
Reviewed By :Christian Giraldo 09/16/2022  
Supervised By :Jagrut Upadhyay 09/16/2022



#70  
Pentachlorophenol  
Concen: 6.160 ng  
RT: 16.975 min Scan# 2378  
Delta R.T. -0.006 min  
Lab File: BP011714.D  
Acq: 15 Sep 2022 19:20

Tgt Ion:266 Resp: 94516  
Ion Ratio Lower Upper  
266 100  
268 63.9 50.5 75.7  
264 63.4 50.4 75.6





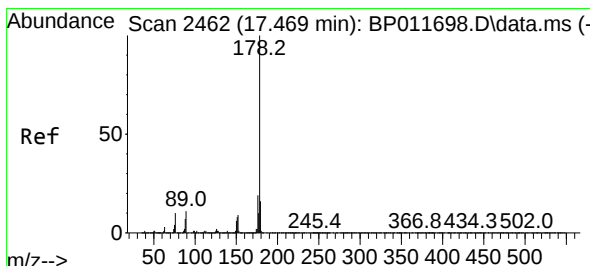
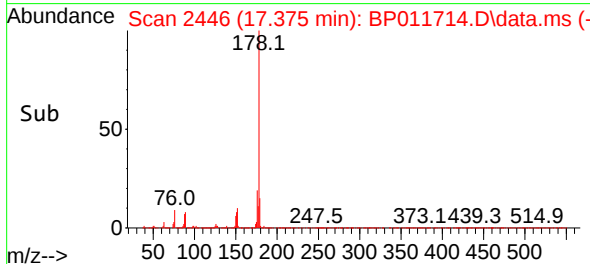
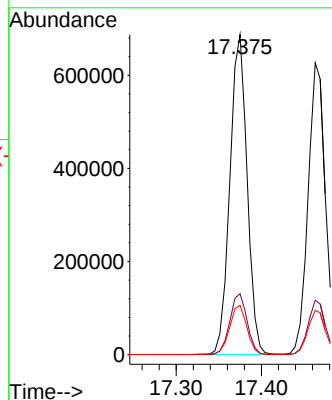
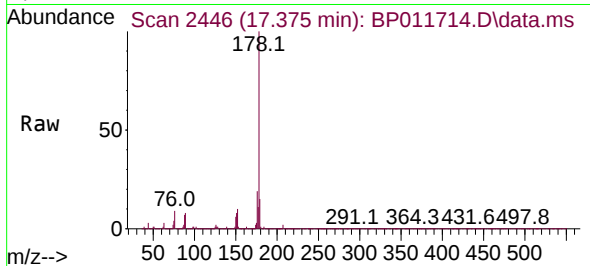
#71  
Phenanthrene  
Concen: 7.387 ng  
RT: 17.375 min Scan# 2446  
Delta R.T. -0.006 min  
Lab File: BP011714.D  
Acq: 15 Sep 2022 19:20

Instrument : BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:178 Resp: 964355  
Ion Ratio Lower Upper  
178 100  
176 19.0 14.7 22.1  
179 15.4 12.2 18.2

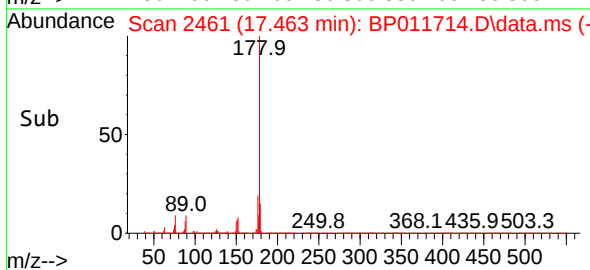
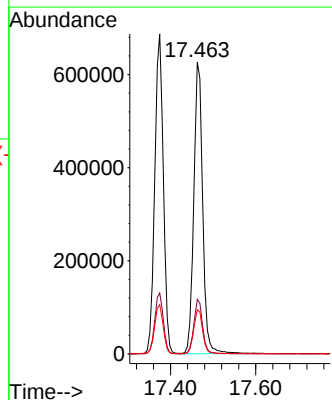
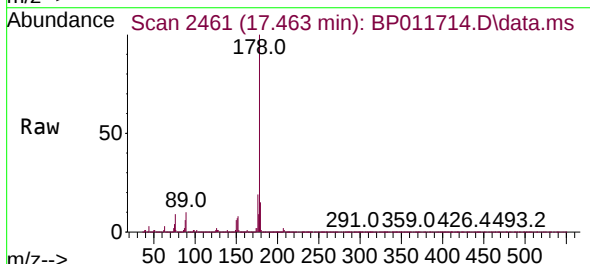
Manual Integrations  
APPROVED

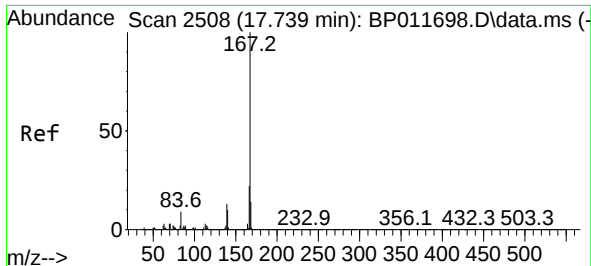
Reviewed By :Christian Giraldo 09/16/2022  
Supervised By :Jagrut Upadhyay 09/16/2022



#72  
Anthracene  
Concen: 7.349 ng  
RT: 17.463 min Scan# 2461  
Delta R.T. -0.006 min  
Lab File: BP011714.D  
Acq: 15 Sep 2022 19:20

Tgt Ion:178 Resp: 907369  
Ion Ratio Lower Upper  
178 100  
176 18.7 14.5 21.7  
179 15.1 12.2 18.4





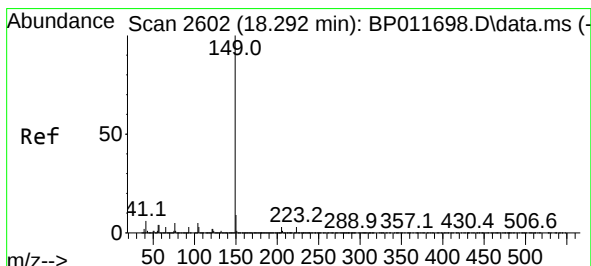
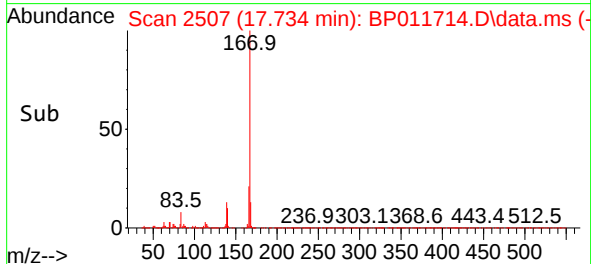
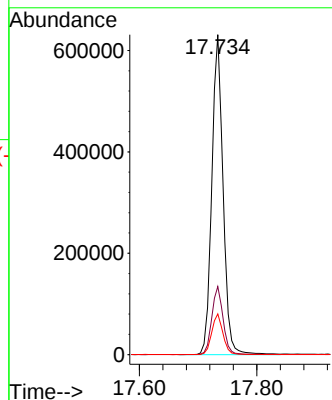
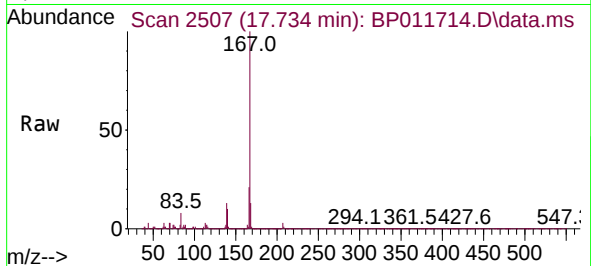
#73  
 Carbazole  
 Concen: 7.198 ng  
 RT: 17.734 min Scan# 2508  
 Delta R.T. -0.006 min  
 Lab File: BP011714.D  
 Acq: 15 Sep 2022 19:20

Instrument : BNA\_P  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT3-2022

Tgt Ion:167 Resp: 838410  
 Ion Ratio Lower Upper  
 167 100  
 166 21.3 16.9 25.3  
 139 12.7 10.6 15.8

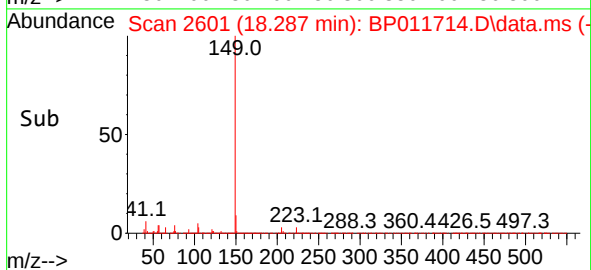
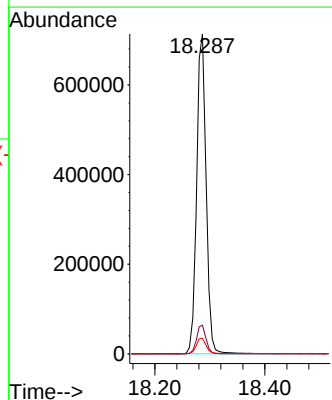
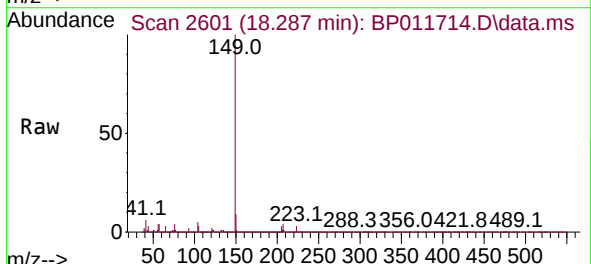
Manual Integrations  
 APPROVED

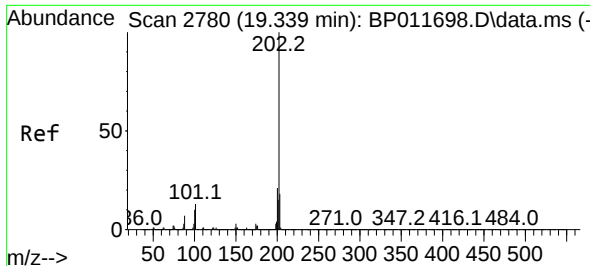
Reviewed By :Christian Giraldo 09/16/2022  
 Supervised By :Jagrut Upadhyay 09/16/2022



#74  
 Di-n-butylphthalate  
 Concen: 6.079 ng  
 RT: 18.287 min Scan# 2601  
 Delta R.T. -0.006 min  
 Lab File: BP011714.D  
 Acq: 15 Sep 2022 19:20

Tgt Ion:149 Resp: 853486  
 Ion Ratio Lower Upper  
 149 100  
 150 9.0 7.5 11.3  
 104 4.8 4.8 7.2





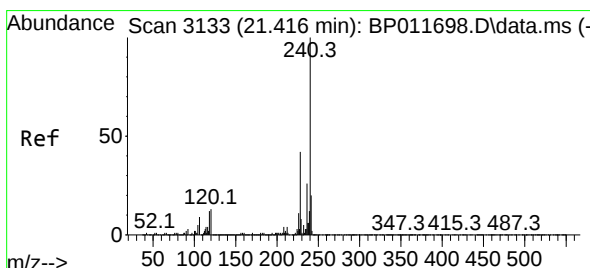
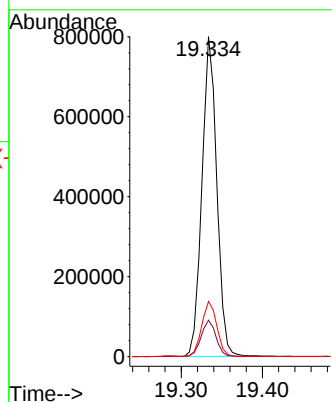
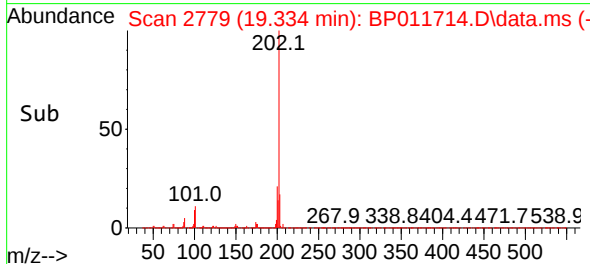
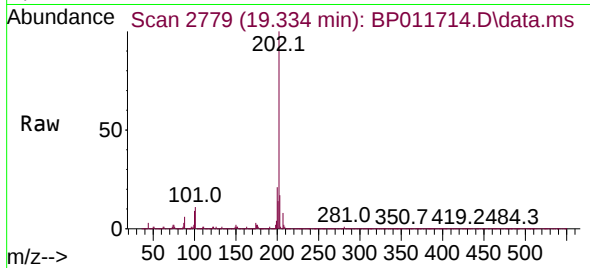
#75  
Fluoranthene  
Concen: 7.224 ng  
RT: 19.334 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BP011714.D  
Acq: 15 Sep 2022 19:20

Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:202 Resp: 1017043  
Ion Ratio Lower Upper  
202 100  
101 11.4 0.0 29.6  
203 17.2 0.0 36.9

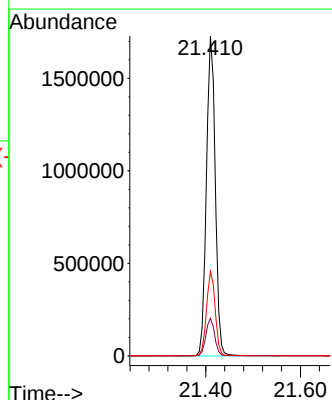
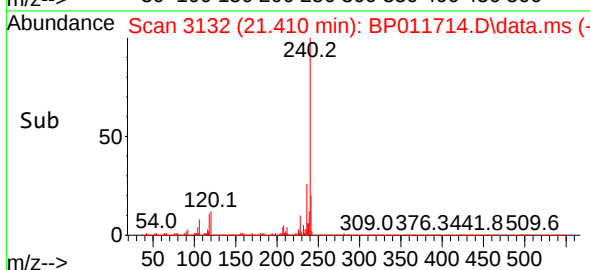
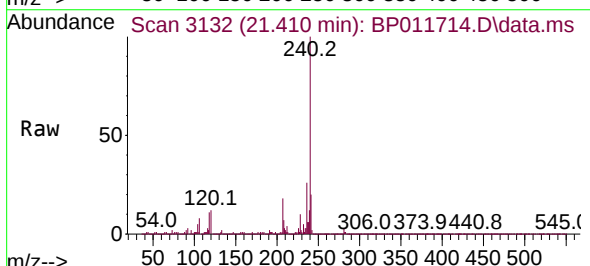
Manual Integrations  
APPROVED

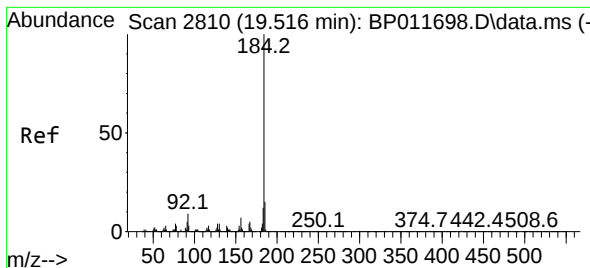
Reviewed By :Christian Giraldo 09/16/2022  
Supervised By :Jagrut Upadhyay 09/16/2022



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.410 min Scan# 3132  
Delta R.T. -0.006 min  
Lab File: BP011714.D  
Acq: 15 Sep 2022 19:20

Tgt Ion:240 Resp: 2244952  
Ion Ratio Lower Upper  
240 100  
120 11.8 8.6 12.8  
236 26.4 19.8 29.6





#77

Benzidine

Concen: 8.071 ng

RT: 19.516 min Scan# 2810

Delta R.T. -0.000 min

Lab File: BP011714.D

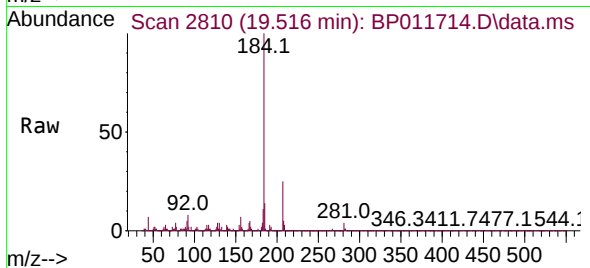
Acq: 15 Sep 2022 19:20

Instrument :

BNA\_P

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022



Tgt Ion:184 Resp: 430898

Ion Ratio Lower Upper

184 100

185 14.5 10.7 16.1

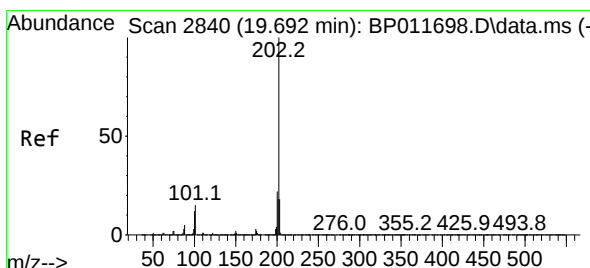
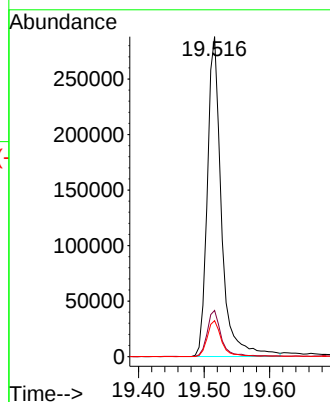
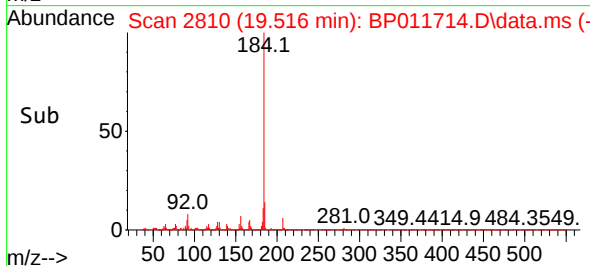
183 11.2 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/16/2022

Supervised By :Jagrut Upadhyay 09/16/2022



#78

Pyrene

Concen: 7.059 ng

RT: 19.686 min Scan# 2839

Delta R.T. -0.006 min

Lab File: BP011714.D

Acq: 15 Sep 2022 19:20

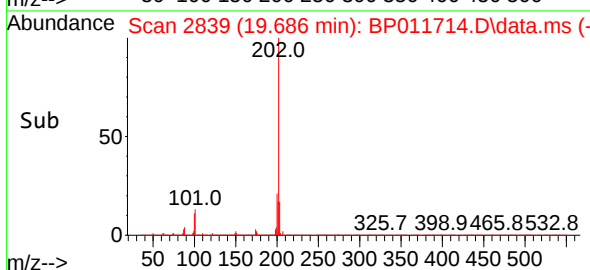
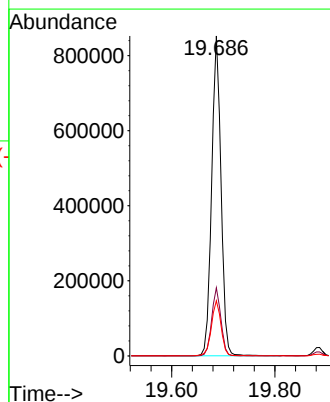
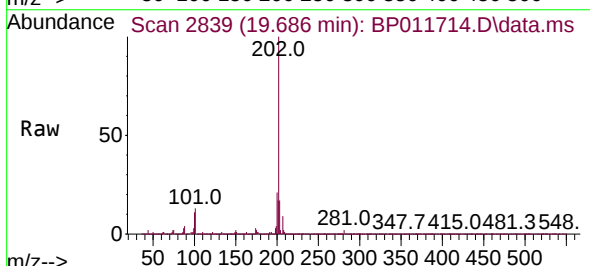
Tgt Ion:202 Resp: 1068813

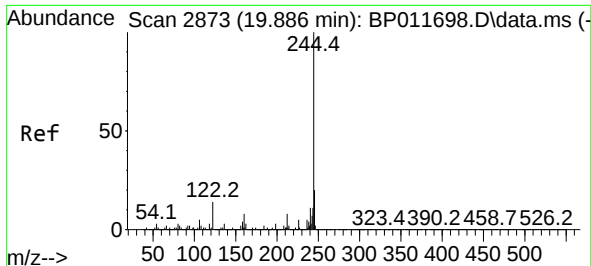
Ion Ratio Lower Upper

202 100

200 21.3 16.3 24.5

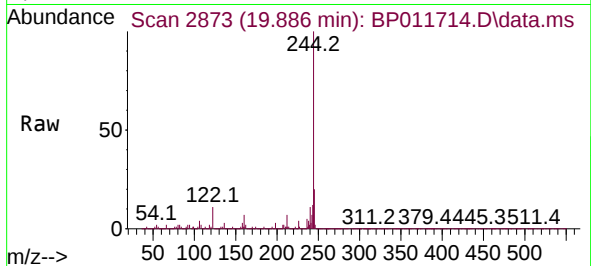
203 17.2 14.2 21.4





#79  
 Terphenyl-d14  
 Concen: 78.946 ng  
 RT: 19.886 min Scan# 2873  
 Delta R.T. 0.000 min  
 Lab File: BP011714.D  
 Acq: 15 Sep 2022 19:20

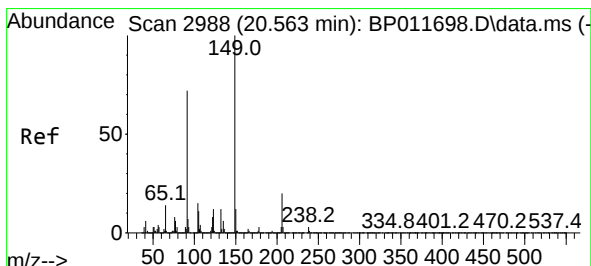
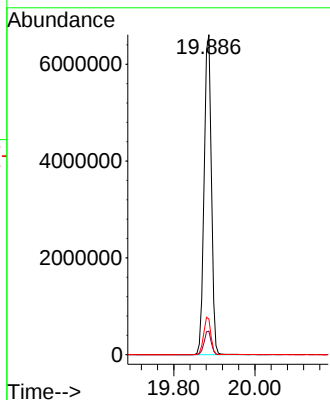
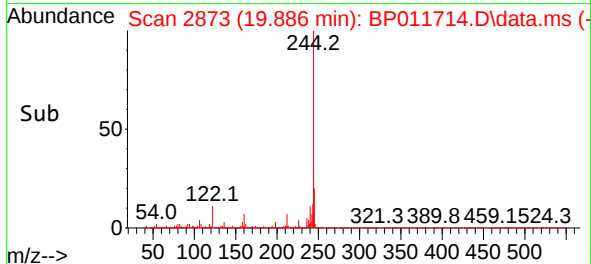
Instrument :  
 BNA\_P  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT3-2022



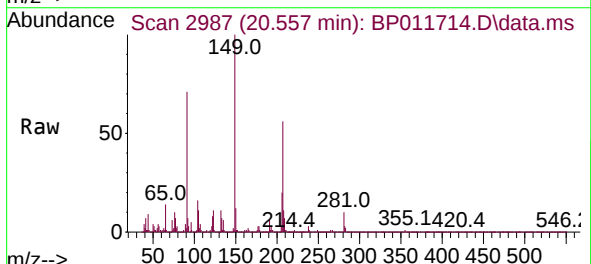
Tgt Ion:244 Resp: 8150086  
 Ion Ratio Lower Upper  
 244 100  
 212 7.3 5.8 8.8  
 122 11.1 7.6 11.4

Manual Integrations  
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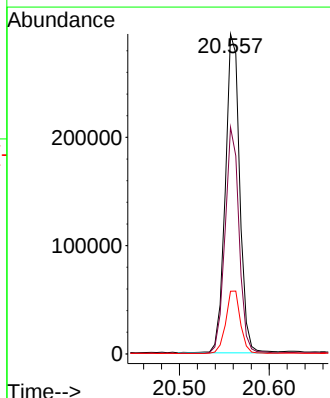
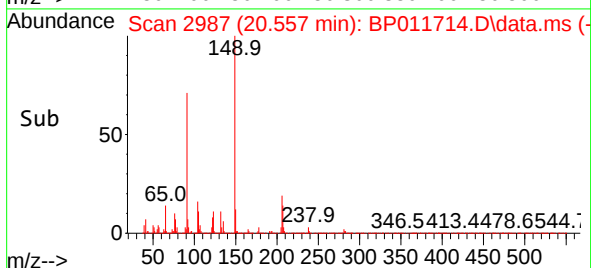
Reviewed By :Christian Giraldo 09/16/2022  
 Supervised By :Jagrut Upadhyay 09/16/2022

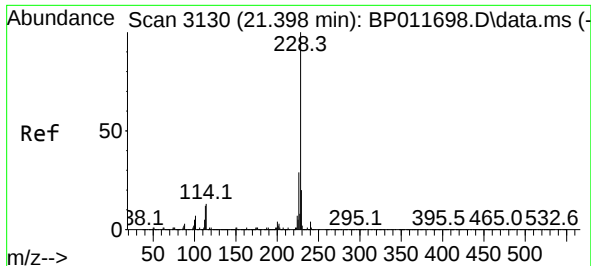


#80  
 Butylbenzylphthalate  
 Concen: 5.187 ng  
 RT: 20.557 min Scan# 2987  
 Delta R.T. -0.006 min  
 Lab File: BP011714.D  
 Acq: 15 Sep 2022 19:20



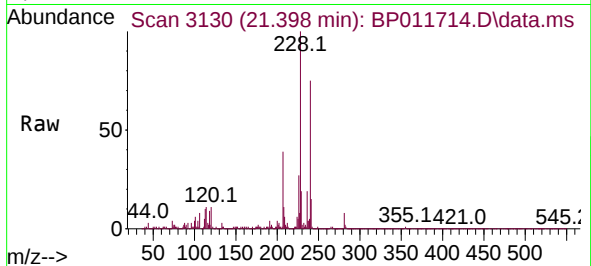
Tgt Ion:149 Resp: 329145  
 Ion Ratio Lower Upper  
 149 100  
 91 70.8 62.5 93.7  
 206 19.6 17.0 25.4





#81  
Benzo(a)anthracene  
Concen: 7.142 ng  
RT: 21.398 min Scan# 3130  
Delta R.T. 0.000 min  
Lab File: BP011714.D  
Acq: 15 Sep 2022 19:20

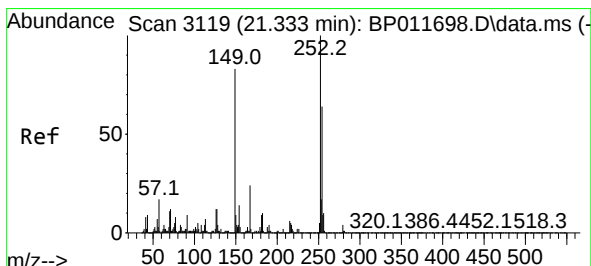
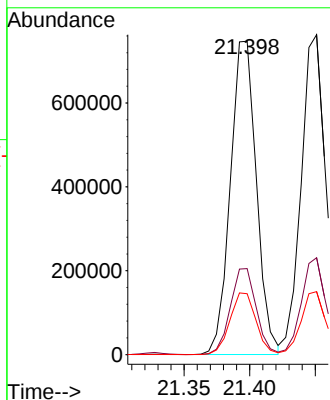
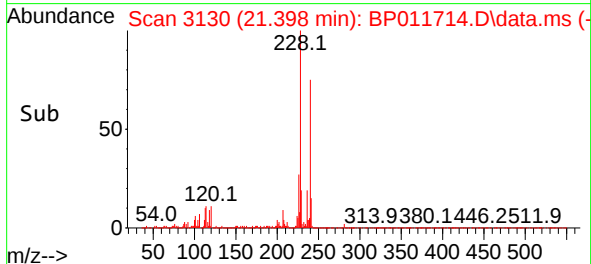
Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2022



Tgt Ion:228 Resp: 1033456  
Ion Ratio Lower Upper  
228 100  
226 27.4 20.8 31.2  
229 19.4 15.2 22.8

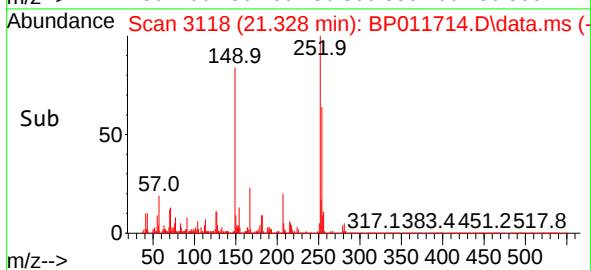
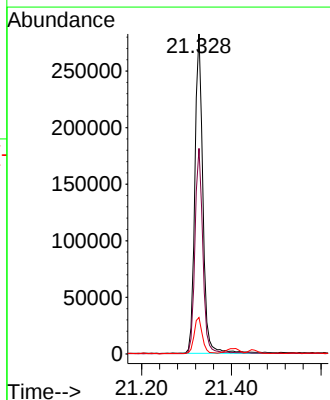
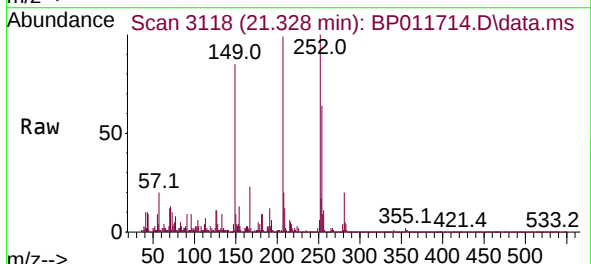
Manual Integrations  
APPROVED

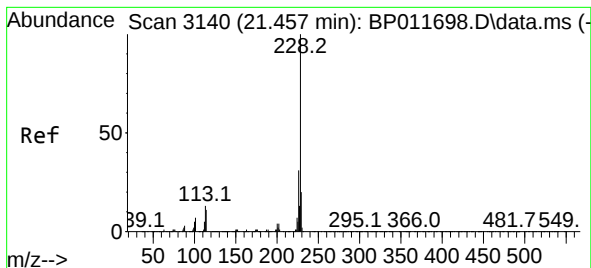
Reviewed By :Christian Giraldo 09/16/2022  
Supervised By :Jagrut Upadhyay 09/16/2022



#82  
3,3'-Dichlorobenzidine  
Concen: 8.016 ng  
RT: 21.328 min Scan# 3118  
Delta R.T. -0.006 min  
Lab File: BP011714.D  
Acq: 15 Sep 2022 19:20

Tgt Ion:252 Resp: 352287  
Ion Ratio Lower Upper  
252 100  
254 64.2 51.1 76.7  
126 11.4 8.4 12.6





#83

Chrysene

Concen: 7.230 ng

RT: 21.451 min Scan# 3140

Delta R.T. -0.006 min

Lab File: BP011714.D

Acq: 15 Sep 2022 19:20

Instrument :

BNA\_P

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022

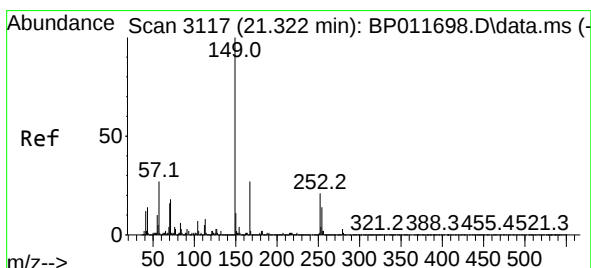
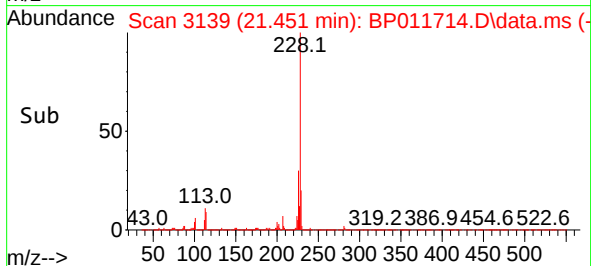
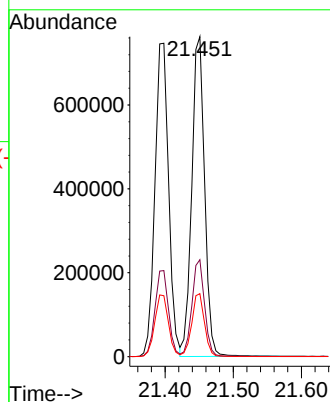
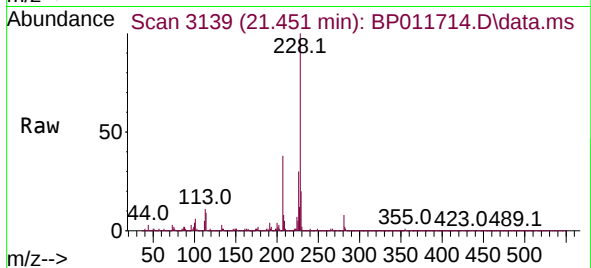
Tgt Ion:228 Resp: 999586  
 Ion Ratio Lower Upper  
 228 100  
 226 30.3 23.4 35.2  
 229 19.7 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/16/2022

Supervised By :Jagrut Upadhyay 09/16/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.172 ng

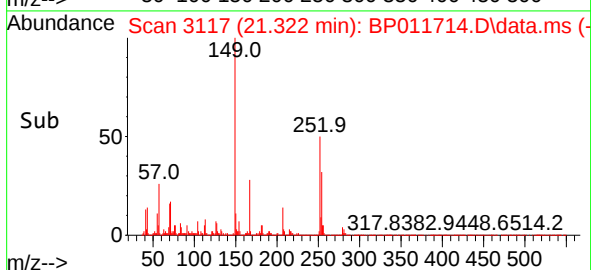
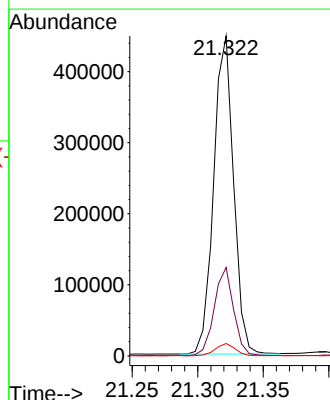
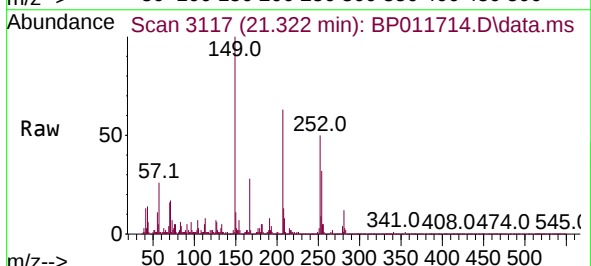
RT: 21.322 min Scan# 3117

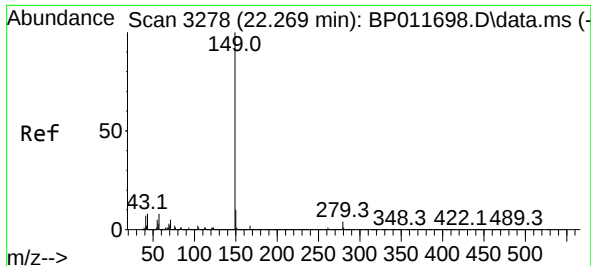
Delta R.T. 0.000 min

Lab File: BP011714.D

Acq: 15 Sep 2022 19:20

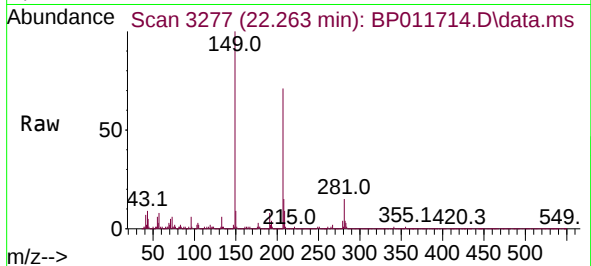
Tgt Ion:149 Resp: 472117  
 Ion Ratio Lower Upper  
 149 100  
 167 27.6 21.8 32.8  
 279 3.9 3.7 5.5





#85  
Di-n-octyl phthalate  
Concen: 4.628 ng  
RT: 22.263 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: BP011714.D  
Acq: 15 Sep 2022 19:20

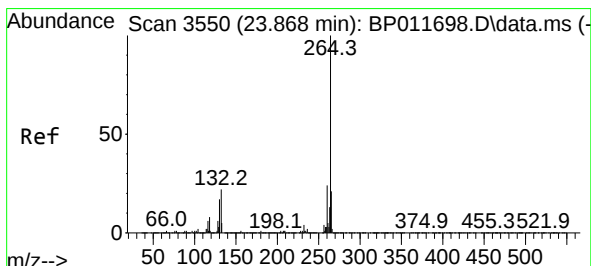
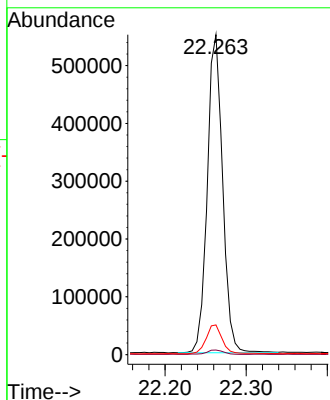
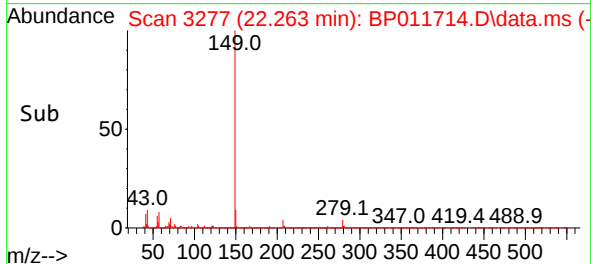
Instrument : BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2022



Tgt Ion:149 Resp: 724853  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.3 1.9  
43 9.5 10.0 15.0

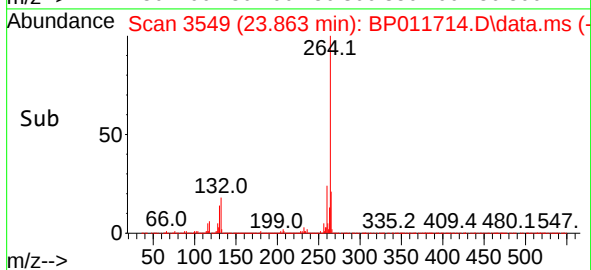
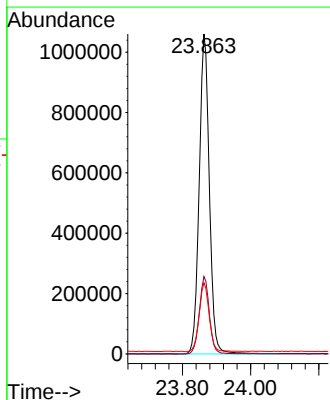
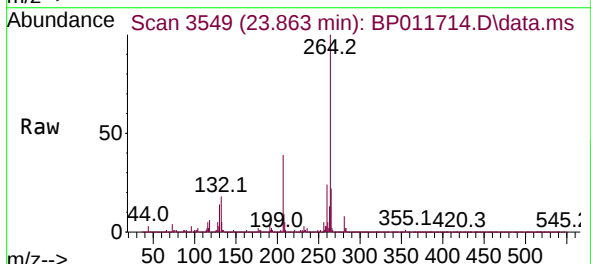
Manual Integrations  
APPROVED

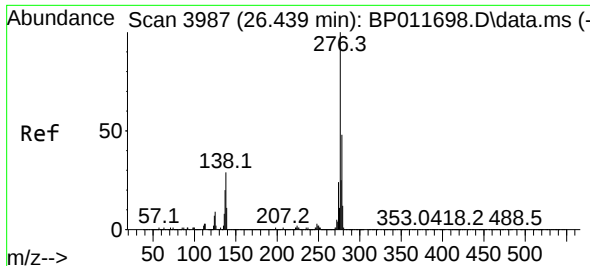
Reviewed By :Christian Giraldo 09/16/2022  
Supervised By :Jagrut Upadhyay 09/16/2022



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.863 min Scan# 3549  
Delta R.T. -0.006 min  
Lab File: BP011714.D  
Acq: 15 Sep 2022 19:20

Tgt Ion:264 Resp: 2192257  
Ion Ratio Lower Upper  
264 100  
260 24.2 19.3 28.9  
265 22.2 18.0 27.0





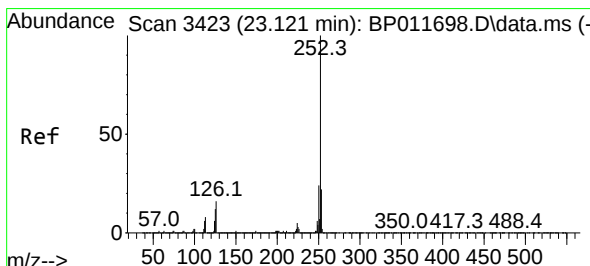
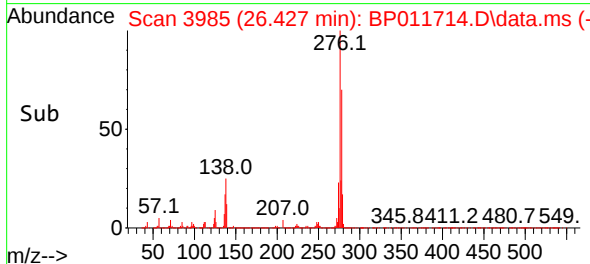
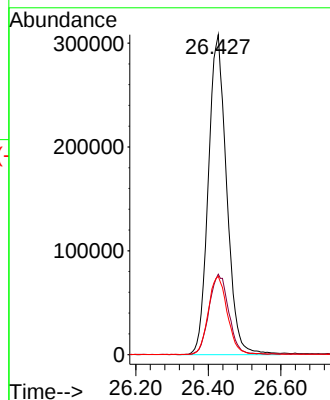
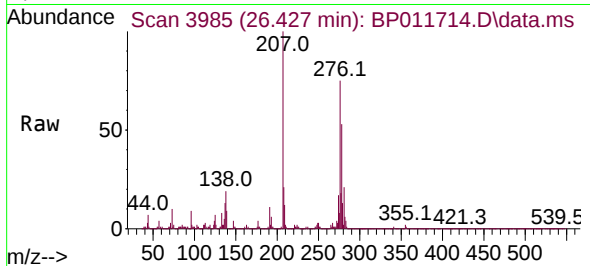
#87  
Indeno(1,2,3-cd)pyrene  
Concen: 6.826 ng  
RT: 26.427 min Scan# 3987  
Delta R.T. -0.012 min  
Lab File: BP011714.D  
Acq: 15 Sep 2022 19:20

Instrument : BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:276 Resp: 1078168  
Ion Ratio Lower Upper  
276 100  
138 26.8 17.5 26.3#  
277 25.5 20.2 30.4#

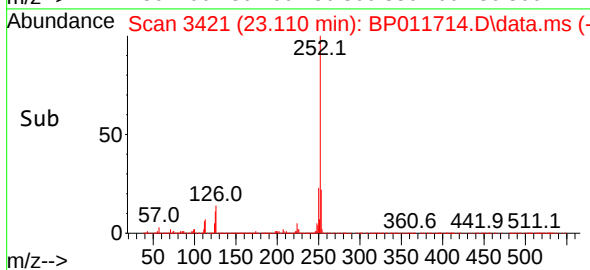
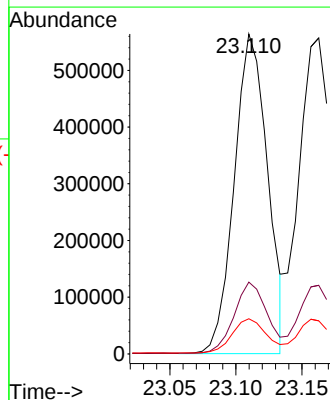
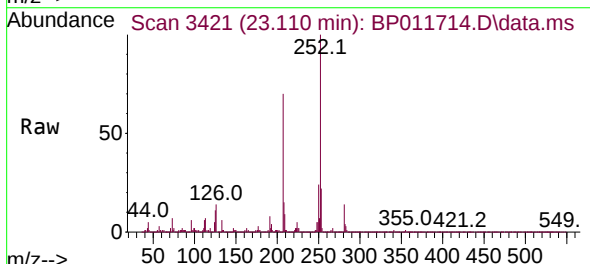
Manual Integrations  
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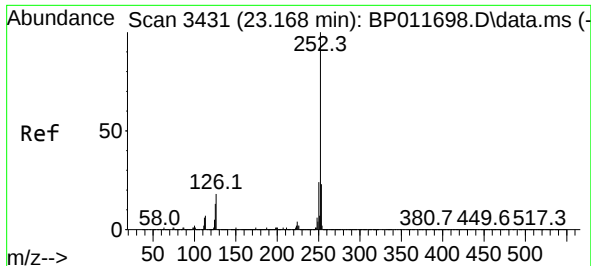
Reviewed By :Christian Giraldo 09/16/2022  
Supervised By :Jagrut Upadhyay 09/16/2022



#88  
Benzo(b)fluoranthene  
Concen: 7.287 ng m  
RT: 23.110 min Scan# 3421  
Delta R.T. -0.012 min  
Lab File: BP011714.D  
Acq: 15 Sep 2022 19:20

Tgt Ion:252 Resp: 987999  
Ion Ratio Lower Upper  
252 100  
253 22.4 17.8 26.6  
125 11.0 7.0 10.6#





#89

Benzo(k)fluoranthene

Concen: 7.496 ng

RT: 23.163 min Scan# 3431

Delta R.T. -0.006 min

Lab File: BP011714.D

Acq: 15 Sep 2022 19:20

Instrument :

BNA\_P

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022

Tgt Ion:252 Resp: 1024180

Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

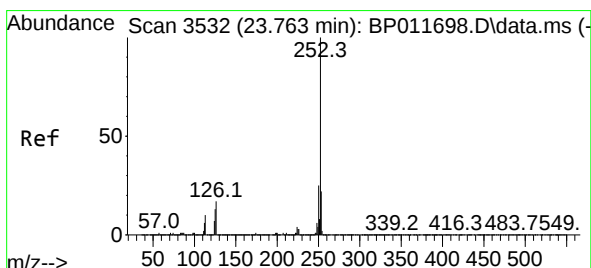
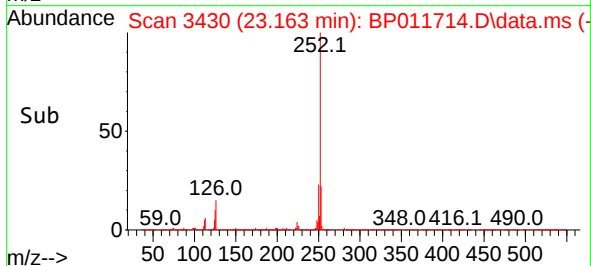
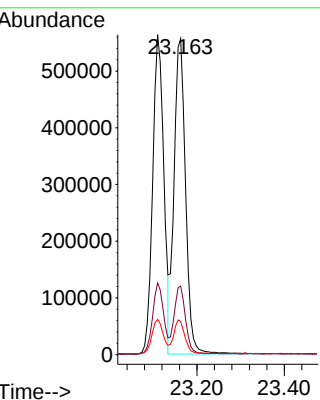
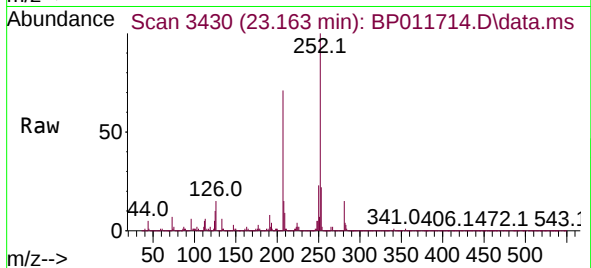
125 10.5 7.0 10.4

Manual Integrations

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Reviewed By :Christian Giraldo 09/16/2022

Supervised By :Jagrut Upadhyay 09/16/2022



#90

Benzo(a)pyrene

Concen: 7.366 ng

RT: 23.751 min Scan# 3530

Delta R.T. -0.012 min

Lab File: BP011714.D

Acq: 15 Sep 2022 19:20

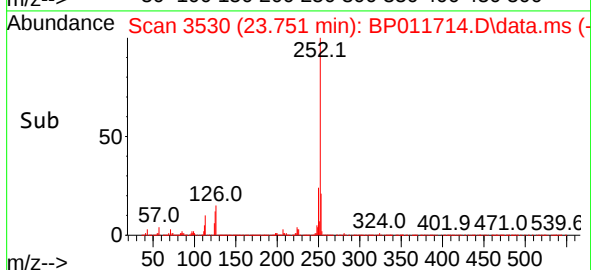
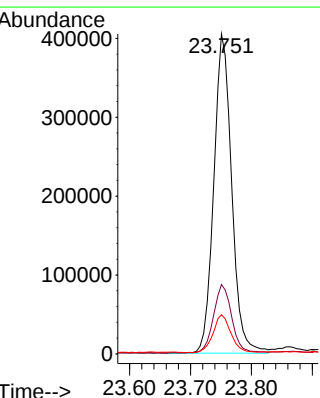
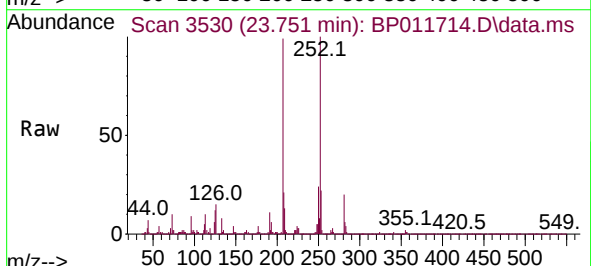
Tgt Ion:252 Resp: 825088

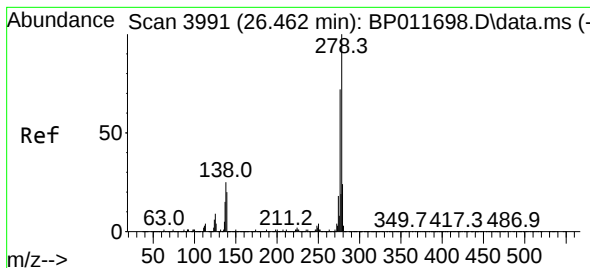
Ion Ratio Lower Upper

252 100

253 21.7 17.0 25.6

125 12.2 7.9 11.9#





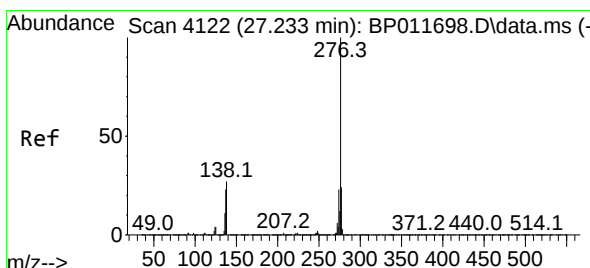
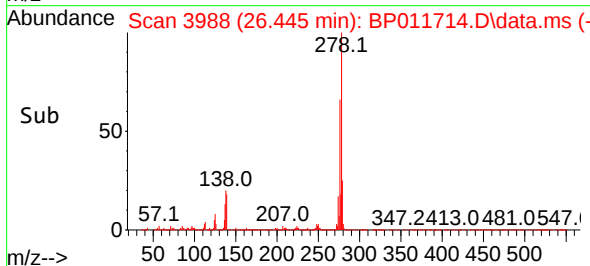
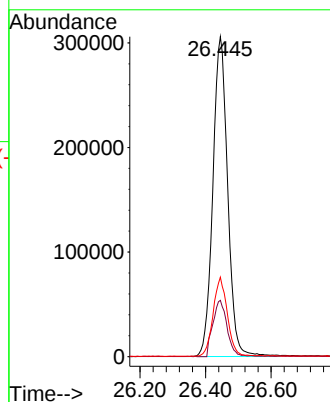
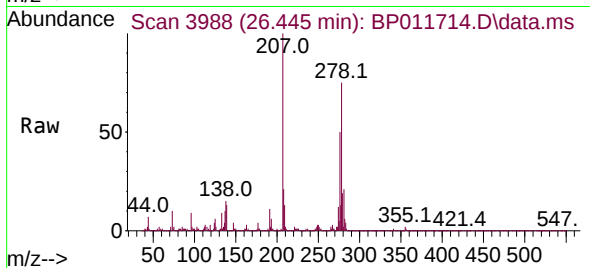
#91  
Dibenzo(a,h)anthracene  
Concen: 7.344 ng  
RT: 26.445 min Scan# 3991  
Delta R.T. -0.017 min  
Lab File: BP011714.D  
Acq: 15 Sep 2022 19:20

Instrument : BNA\_P  
ClientSampleId : LOD-MDL-WATER-01-QT3-2022

Tgt Ion: 278 Resp: 963175  
Ion Ratio Lower Upper  
278 100  
139 17.6 11.4 17.0  
279 24.8 19.2 28.8

Manual Integrations  
APPROVED

Reviewed By : Christian Giraldo 09/16/2022  
Supervised By : Jagrut Upadhyay 09/16/2022



#92  
Benzo(g,h,i)perylene  
Concen: 7.236 ng  
RT: 27.210 min Scan# 4118  
Delta R.T. -0.023 min  
Lab File: BP011714.D  
Acq: 15 Sep 2022 19:20

Tgt Ion: 276 Resp: 925211  
Ion Ratio Lower Upper  
276 100  
277 23.4 18.7 28.1  
138 23.8 15.2 22.8

