

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM020624\  
 Data File : BM043996.D  
 Acq On : 06 Feb 2024 17:39  
 Operator : MA/JU  
 Sample : P1187-08  
 Misc : LOQ-WATER-10PPM  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 LOQ-WATER-02-QT1-2024

Quant Time: Feb 07 03:10:34 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM020524.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Feb 06 07:03:31 2024  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024  
 Supervised By :mohammad ahmed 02/08/2024

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.922  | 152  | 329952   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.727 | 136  | 1463767  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.563 | 164  | 913746   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.315 | 188  | 1997399  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.515 | 240  | 1941833  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 23.927 | 264  | 2282328  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.492  | 112  | 3355563  | 150.182 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.087  | 99   | 4440077  | 134.496 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.092  | 82   | 2531671  | 83.374  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.057 | 330  | 1458401  | 130.934 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.192 | 172  | 5805737  | 87.305  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.956 | 244  | 9651493  | 95.948  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.399  | 88   | 104673   | 12.122  | ng    | 98       |
| 3) Pyridine                   | 3.798  | 79   | 257751   | 9.808   | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.716  | 42   | 116270   | 10.292  | ng    | # 99     |
| 6) Aniline                    | 7.251  | 93   | 366896   | 11.170  | ng    | 98       |
| 8) 2-Chlorophenol             | 7.481  | 128  | 241247   | 9.725   | ng    | 98       |
| 9) Benzaldehyde               | 7.069  | 77   | 237646   | 12.455  | ng    | 98       |
| 10) Phenol                    | 7.116  | 94   | 329806   | 10.048  | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 7.357  | 93   | 265185   | 10.308  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 7.810  | 146  | 272568   | 10.177  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 7.957  | 146  | 279092   | 10.304  | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 8.269  | 146  | 265752   | 9.948   | ng    | 97       |
| 15) Benzyl Alcohol            | 8.169  | 79   | 220374m  | 9.739   | ng    |          |
| 16) 2,2'-oxybis(1-Chloropr... | 8.457  | 45   | 371953m  | 10.781  | ng    |          |
| 17) 2-Methylphenol            | 8.363  | 107  | 199489   | 9.508   | ng    | 95       |
| 18) Hexachloroethane          | 8.992  | 117  | 101902   | 10.025  | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 8.733  | 70   | 211831   | 9.752   | ng    | 99       |
| 20) 3+4-Methylphenols         | 8.692  | 107  | 277277   | 9.363   | ng    | 99       |
| 22) Acetophenone              | 8.751  | 105  | 418986   | 10.564  | ng    | # 98     |
| 24) Nitrobenzene              | 9.133  | 77   | 306457   | 10.059  | ng    | 100      |
| 25) Isophorone                | 9.657  | 82   | 548156   | 9.697   | ng    | 100      |
| 26) 2-Nitrophenol             | 9.839  | 139  | 107800   | 8.755   | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 9.904  | 122  | 182399   | 10.788  | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 10.151 | 93   | 368314   | 10.670  | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 10.369 | 162  | 211853   | 9.824   | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 10.586 | 180  | 248075   | 10.185  | ng    | 99       |
| 31) Naphthalene               | 10.775 | 128  | 825151   | 10.114  | ng    | 99       |
| 32) Benzoic acid              | 9.975  | 122  | 104025   | 11.492  | ng    | 98       |
| 33) 4-Chloroaniline           | 10.892 | 127  | 353600   | 10.544  | ng    | 99       |
| 34) Hexachlorobutadiene       | 11.051 | 225  | 134823   | 10.149  | ng    | 97       |
| 35) Caprolactam               | 11.669 | 113  | 72614    | 8.211   | ng    | 93       |
| 36) 4-Chloro-3-methylphenol   | 12.010 | 107  | 256044   | 9.696   | ng    | 99       |
| 37) 2-Methylnaphthalene       | 12.386 | 142  | 567082   | 9.967   | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.604 | 142  | 555324   | 9.777   | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.751 | 216  | 278564   | 10.749  | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 12.721 | 237  | 99461    | 11.669  | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 12.998 | 196  | 167761   | 9.579   | ng    | 96       |

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 ALS Vial : 15 Sample Multiplier: 1

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 LOQ-WATER-02-QT1-2024

Quant Time: Feb 07 03:10:34 2024  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Feb 06 07:03:31 2024  
 Response via : Initial Calibration

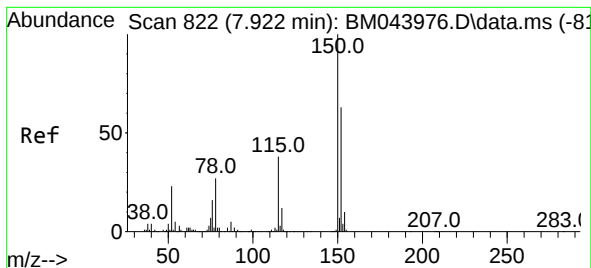
### Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024  
 Supervised By :mohammad ahmed 02/08/2024

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.063 | 196  | 192880   | 9.653  | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.404 | 154  | 766742   | 10.671 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.439 | 162  | 585248   | 10.213 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.651 | 65   | 164669   | 8.835  | ng    | 98       |
| 49) Acenaphthylene            | 14.286 | 152  | 944307   | 10.780 | ng    | 99       |
| 50) Dimethylphthalate         | 14.033 | 163  | 734973   | 10.355 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.151 | 165  | 143339   | 9.188  | ng    | 96       |
| 52) Acenaphthene              | 14.627 | 154  | 563891   | 10.155 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.480 | 138  | 161381   | 8.910  | ng    | 96       |
| 54) 2,4-Dinitrophenol         | 14.686 | 184  | 49547    | 12.068 | ng    | 98       |
| 55) Dibenzofuran              | 14.962 | 168  | 916627   | 10.607 | ng    | 100      |
| 56) 4-Nitrophenol             | 14.780 | 139  | 129157   | 8.160  | ng    | 96       |
| 57) 2,4-Dinitrotoluene        | 14.933 | 165  | 180773   | 8.324  | ng    | 95       |
| 58) Fluorene                  | 15.615 | 166  | 743528   | 10.188 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.186 | 232  | 168690   | 9.793  | ng    | 98       |
| 60) Diethylphthalate          | 15.398 | 149  | 730392   | 9.941  | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 15.615 | 204  | 351637   | 10.328 | ng    | 100      |
| 62) 4-Nitroaniline            | 15.639 | 138  | 168397   | 8.504  | ng    | 99       |
| 63) Azobenzene                | 15.909 | 77   | 745659   | 10.161 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 15.692 | 198  | 75882    | 11.552 | ng    | 90       |
| 66) n-Nitrosodiphenylamine    | 15.833 | 169  | 627394   | 10.545 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.509 | 248  | 129113   | 6.562  | ng    | 96       |
| 68) Hexachlorobenzene         | 16.609 | 284  | 227657   | 9.704  | ng    | 99       |
| 69) Atrazine                  | 16.792 | 200  | 201704   | 12.254 | ng    | 99       |
| 70) Pentachlorophenol         | 16.956 | 266  | 118830   | 7.714  | ng    | 95       |
| 71) Phenanthrene              | 17.356 | 178  | 1170338  | 10.520 | ng    | 99       |
| 72) Anthracene                | 17.451 | 178  | 1123341  | 10.314 | ng    | 100      |
| 73) Carbazole                 | 17.727 | 167  | 1081168  | 9.585  | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.303 | 149  | 1205537  | 9.745  | ng    | 99       |
| 75) Fluoranthene              | 19.380 | 202  | 1308274  | 9.509  | ng    | 99       |
| 77) Benzidine                 | 19.580 | 184  | 510089   | 20.704 | ng    | 99       |
| 78) Pyrene                    | 19.745 | 202  | 1406450  | 10.537 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.662 | 149  | 510250   | 9.654  | ng    | 95       |
| 81) Benzo(a)anthracene        | 21.503 | 228  | 1416249  | 10.396 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.439 | 252  | 450395   | 10.340 | ng    | 99       |
| 83) Chrysene                  | 21.556 | 228  | 1326247  | 10.162 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.450 | 149  | 796696   | 10.136 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.397 | 149  | 1697225  | 12.534 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 26.426 | 276  | 1642909  | 9.620  | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 23.191 | 252  | 1473864  | 10.266 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 23.244 | 252  | 1470651  | 10.677 | ng    | 99       |
| 90) Benzo(a)pyrene            | 23.815 | 252  | 1252173  | 9.868  | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 26.456 | 278  | 1386007  | 9.841  | ng    | 100      |
| 92) Benzo(g,h,i)perylene      | 27.191 | 276  | 1324640  | 9.221  | ng    | 99       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.922 min Scan# 81

Delta R.T. -0.000 min

Lab File: BM043996.D

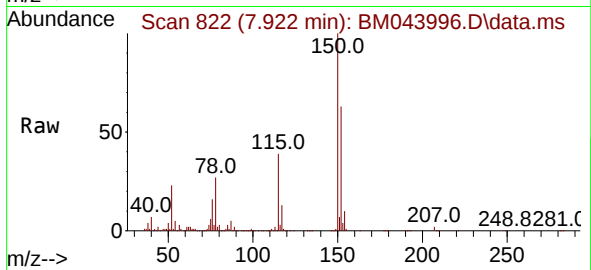
Acq: 06 Feb 2024 17:39

Instrument :

BNA\_M

ClientSampleId :

LOQ-WATER-02-QT1-2024



Tgt Ion:152 Resp: 32995

Ion Ratio Lower Upper

152 100

150 158.1 126.1 189.1

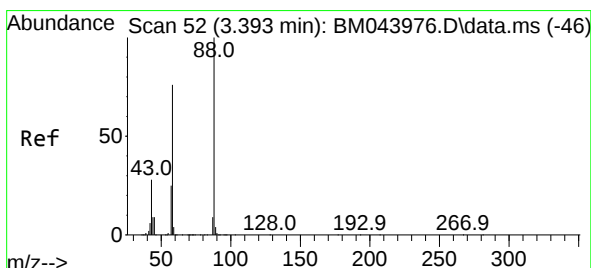
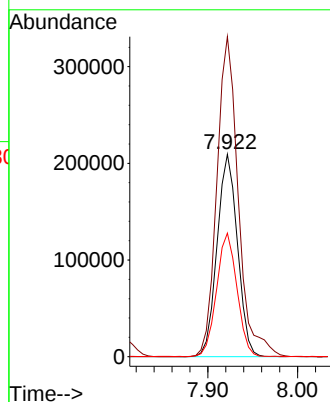
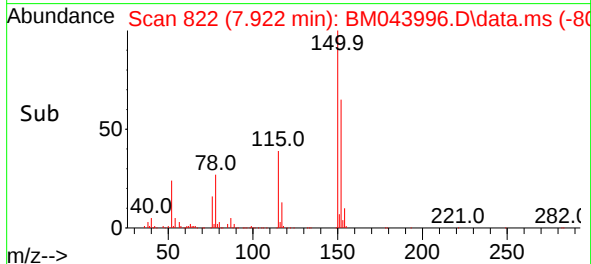
115 61.0 48.2 72.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024

Supervised By :mohammad ahmed 02/08/2024



#2

1,4-Dioxane

Concen: 12.122 ng

RT: 3.399 min Scan# 53

Delta R.T. 0.006 min

Lab File: BM043996.D

Acq: 06 Feb 2024 17:39

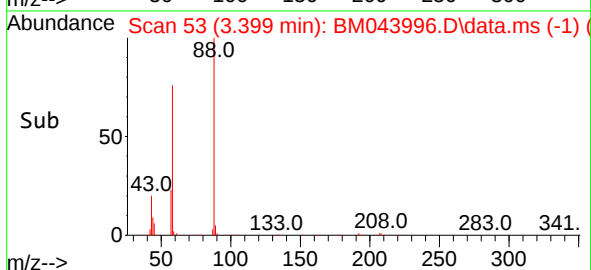
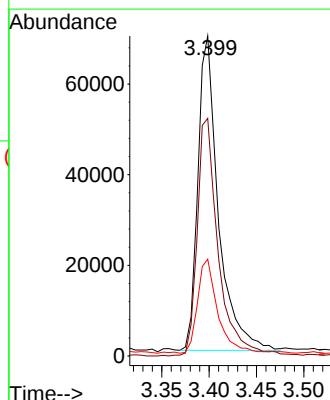
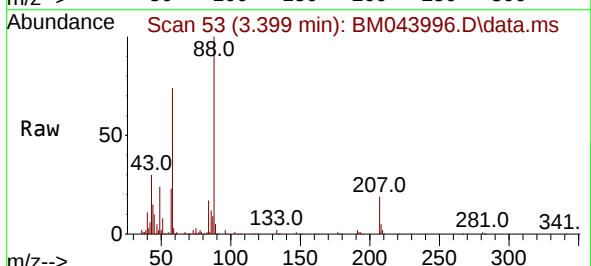
Tgt Ion: 88 Resp: 104673

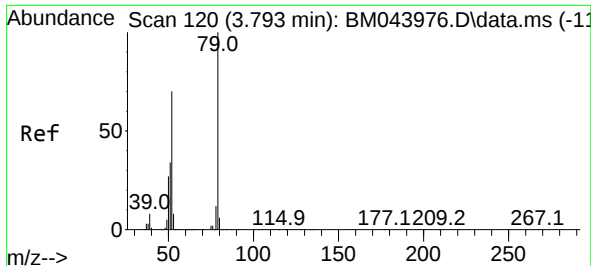
Ion Ratio Lower Upper

88 100

58 78.0 61.0 91.6

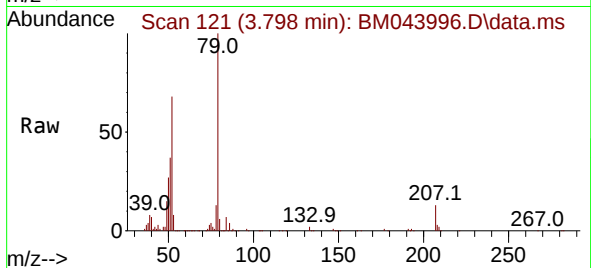
43 29.3 23.0 34.6





#3  
Pyridine  
Concen: 9.808 ng  
RT: 3.798 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BM043996.D  
Acq: 06 Feb 2024 17:39

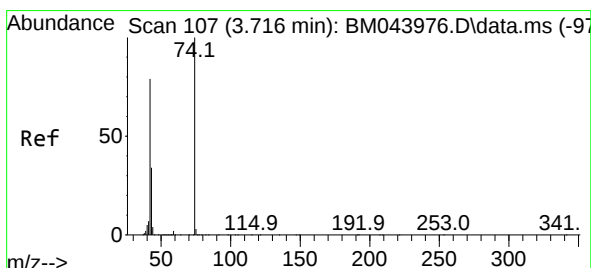
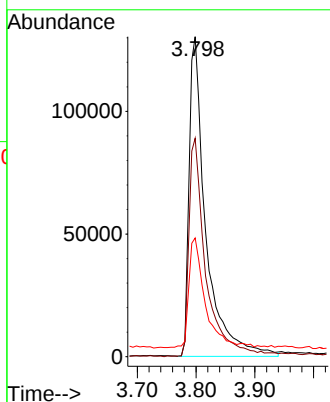
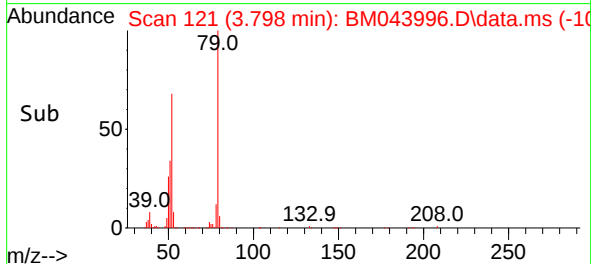
Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT1-2024



Tgt Ion: 79 Resp: 25775  
Ion Ratio Lower Upper  
79 100  
52 68.2 55.9 83.9  
51 37.1 28.2 42.2

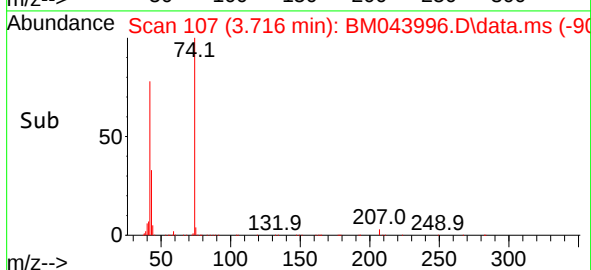
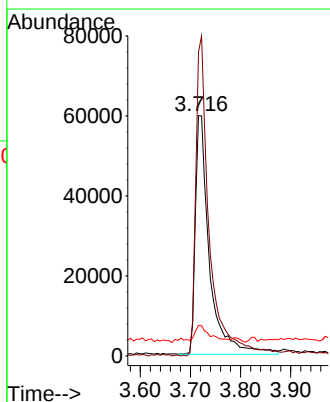
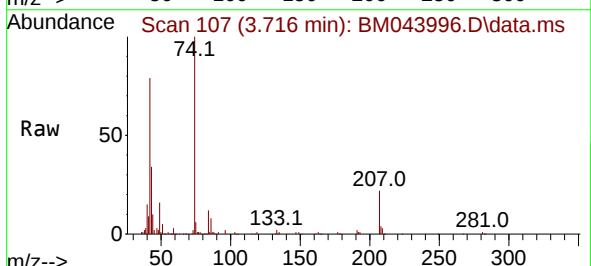
Manual Integrations  
APPROVED

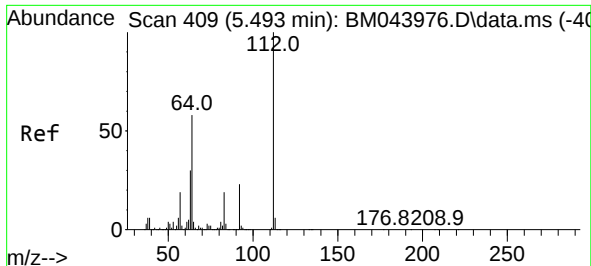
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024



#4  
n-Nitrosodimethylamine  
Concen: 10.292 ng  
RT: 3.716 min Scan# 107  
Delta R.T. -0.000 min  
Lab File: BM043996.D  
Acq: 06 Feb 2024 17:39

Tgt Ion: 42 Resp: 116270  
Ion Ratio Lower Upper  
42 100  
74 126.5 100.7 151.1  
44 12.7 7.3 10.9#





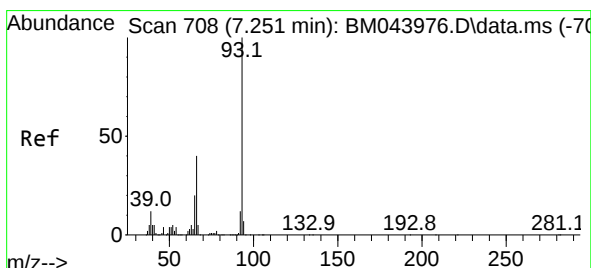
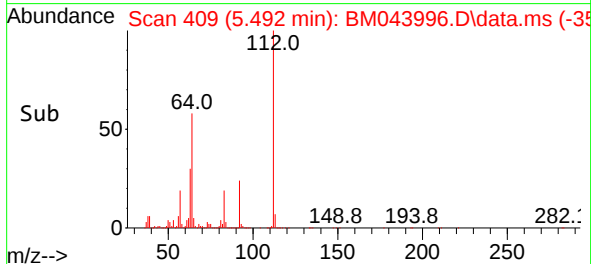
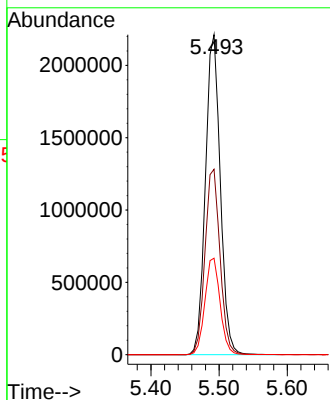
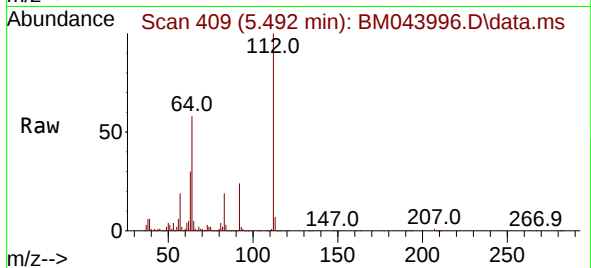
#5  
2-Fluorophenol  
Concen: 150.182 ng  
RT: 5.492 min Scan# 409  
Delta R.T. -0.001 min  
Lab File: BM043996.D  
Acq: 06 Feb 2024 17:39

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BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT1-2024

Tgt Ion:112 Resp: 335556  
Ion Ratio Lower Upper  
112 100  
64 58.0 46.6 70.0  
63 30.2 24.2 36.4

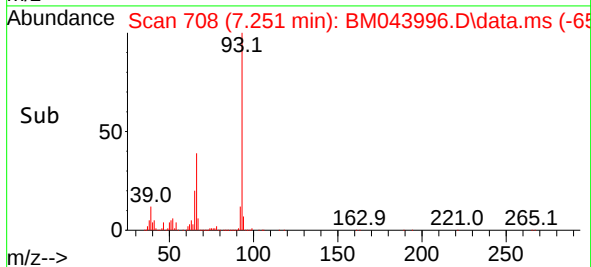
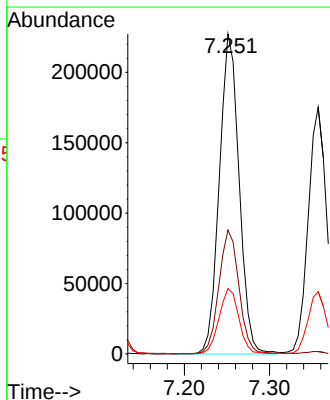
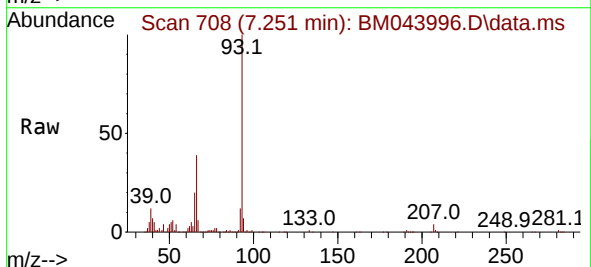
Manual Integrations  
APPROVED

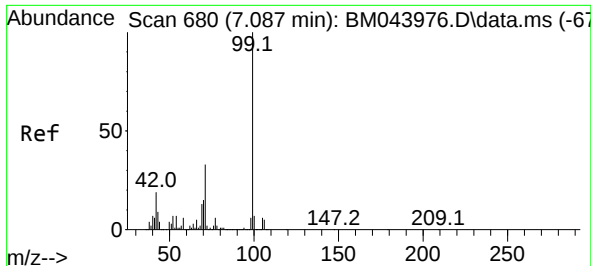
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024



#6  
Aniline  
Concen: 11.170 ng  
RT: 7.251 min Scan# 708  
Delta R.T. -0.000 min  
Lab File: BM043996.D  
Acq: 06 Feb 2024 17:39

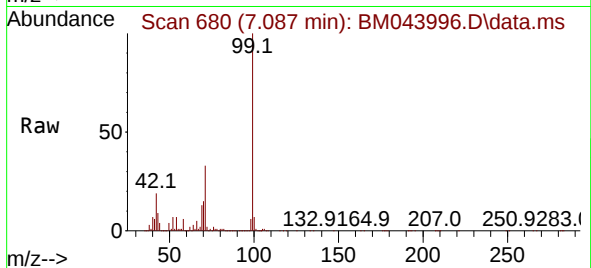
Tgt Ion: 93 Resp: 366896  
Ion Ratio Lower Upper  
93 100  
66 38.7 32.2 48.2  
65 20.4 15.8 23.8





#7  
Phenol-d6  
Concen: 134.496 ng  
RT: 7.087 min Scan# 680  
Delta R.T. -0.000 min  
Lab File: BM043996.D  
Acq: 06 Feb 2024 17:39

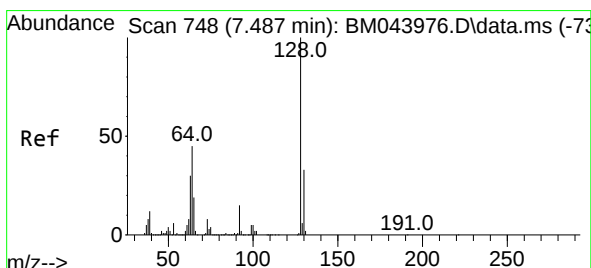
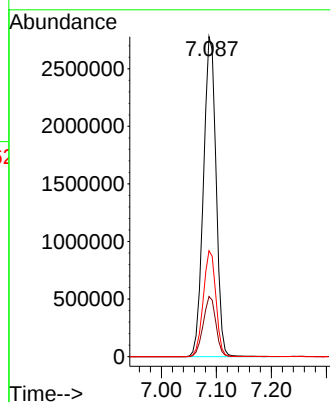
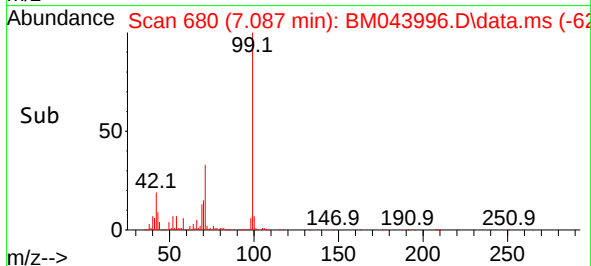
Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT1-2024



Tgt Ion: 99 Resp: 444007  
Ion Ratio Lower Upper  
99 100  
42 18.8 14.9 22.3  
71 33.1 26.3 39.5

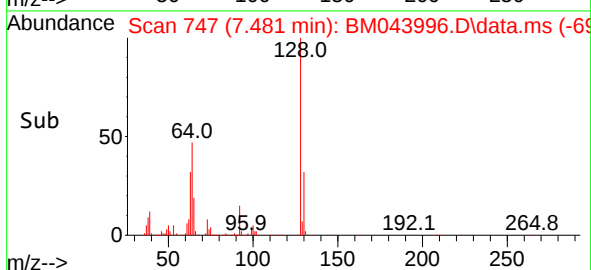
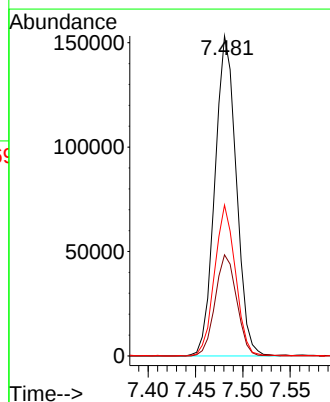
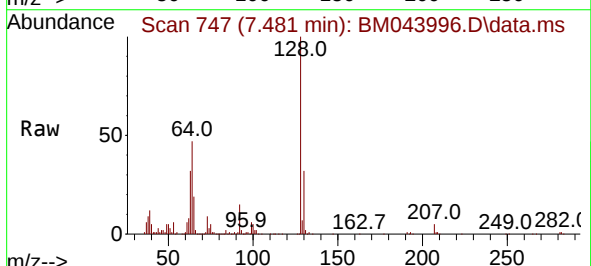
Manual Integrations  
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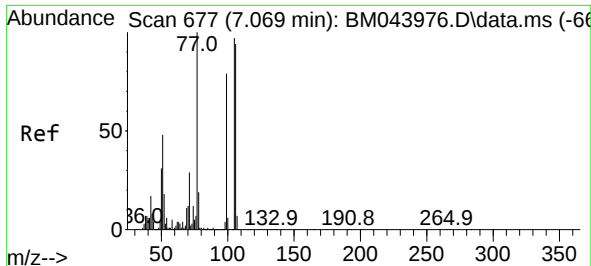
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024



#8  
2-Chlorophenol  
Concen: 9.725 ng  
RT: 7.481 min Scan# 747  
Delta R.T. -0.006 min  
Lab File: BM043996.D  
Acq: 06 Feb 2024 17:39

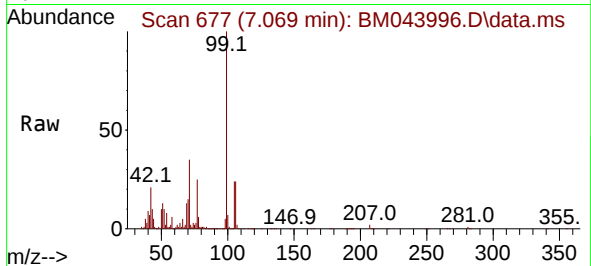
Tgt Ion:128 Resp: 241247  
Ion Ratio Lower Upper  
128 100  
130 31.6 12.9 52.9  
64 47.2 25.6 65.6





#9  
Benzaldehyde  
Concen: 12.455 ng  
RT: 7.069 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BM043996.D  
Acq: 06 Feb 2024 17:39

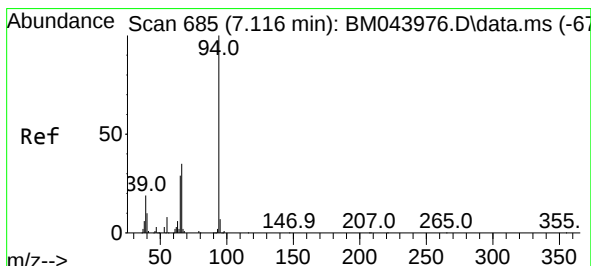
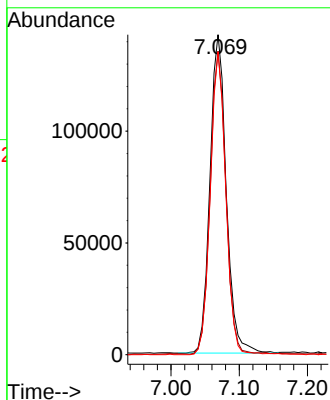
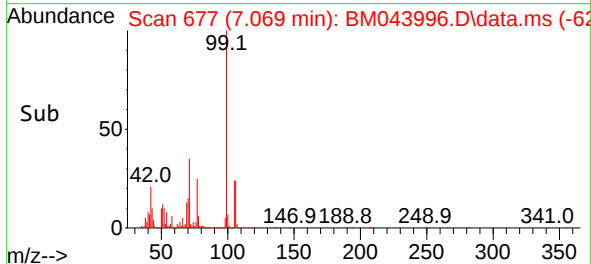
Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT1-2024



Tgt Ion: 77 Resp: 237640  
Ion Ratio Lower Upper  
77 100  
105 94.9 77.4 117.4  
106 94.6 73.5 113.5

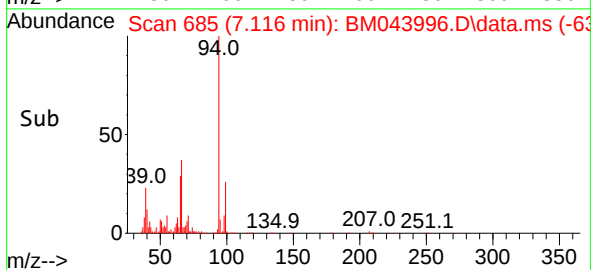
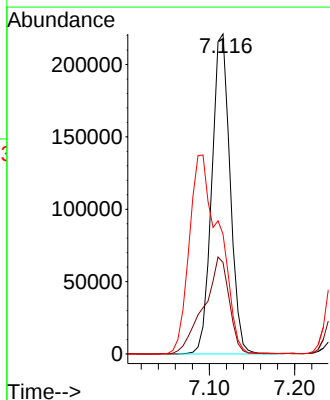
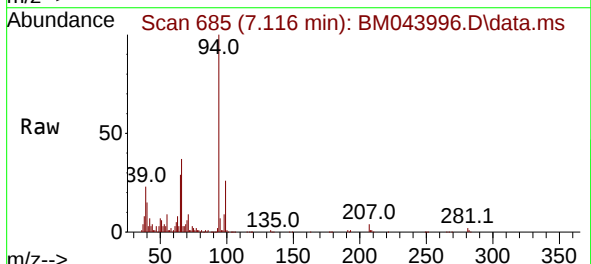
Manual Integrations  
APPROVED

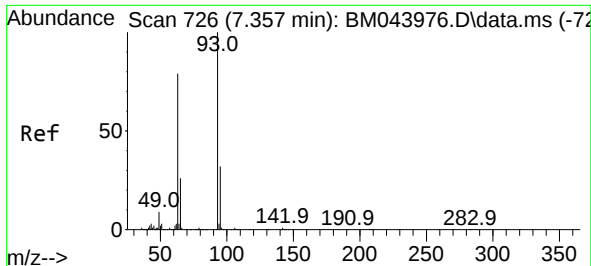
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024



#10  
Phenol  
Concen: 10.048 ng  
RT: 7.116 min Scan# 685  
Delta R.T. -0.000 min  
Lab File: BM043996.D  
Acq: 06 Feb 2024 17:39

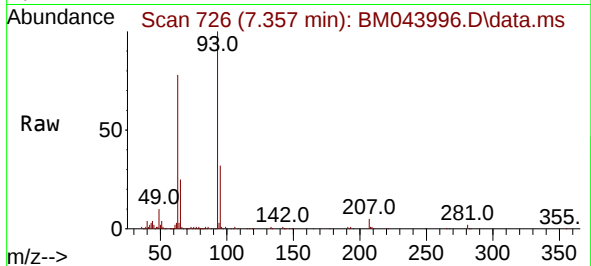
Tgt Ion: 94 Resp: 329806  
Ion Ratio Lower Upper  
94 100  
65 28.6 9.3 49.3  
66 37.5 15.7 55.7





#11  
bis(2-Chloroethyl)ether  
Concen: 10.308 ng  
RT: 7.357 min Scan# 726  
Delta R.T. -0.000 min  
Lab File: BM043996.D  
Acq: 06 Feb 2024 17:39

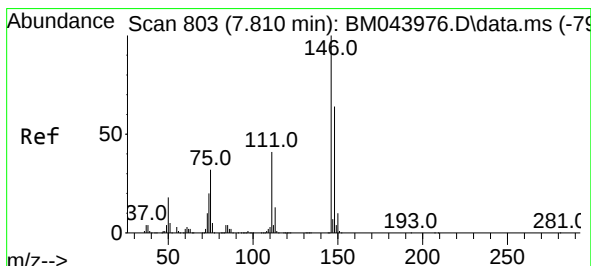
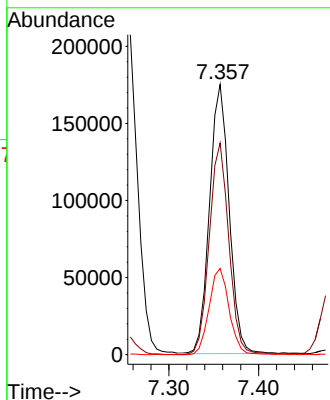
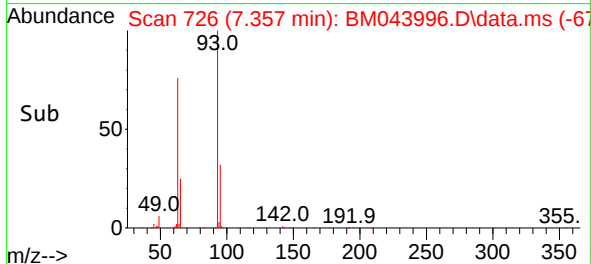
Instrument : BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT1-2024



Tgt Ion: 93 Resp: 265185  
Ion Ratio Lower Upper  
93 100  
63 78.3 59.0 99.0  
95 31.9 11.9 51.9

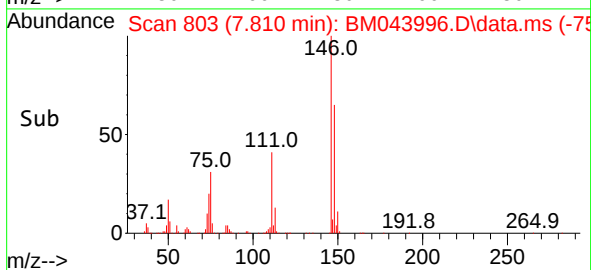
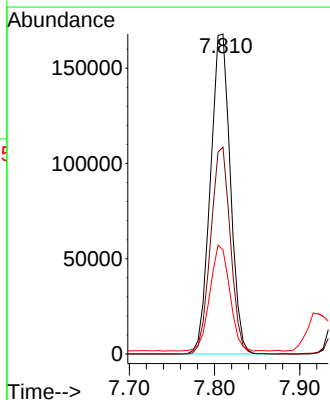
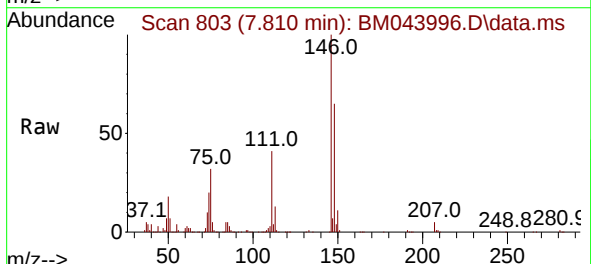
Manual Integrations  
APPROVED

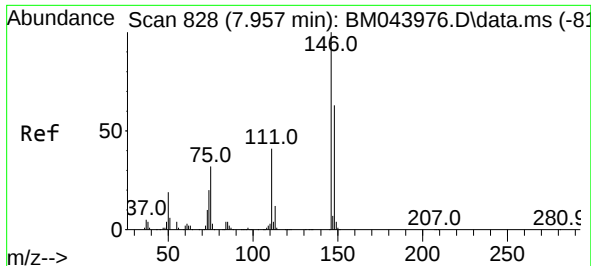
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024



#12  
1,3-Dichlorobenzene  
Concen: 10.177 ng  
RT: 7.810 min Scan# 803  
Delta R.T. -0.000 min  
Lab File: BM043996.D  
Acq: 06 Feb 2024 17:39

Tgt Ion:146 Resp: 272568  
Ion Ratio Lower Upper  
146 100  
148 64.6 51.0 76.6  
75 32.5 26.1 39.1





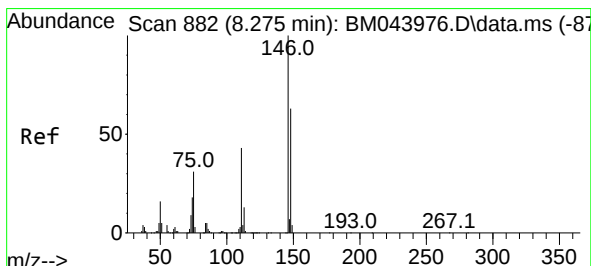
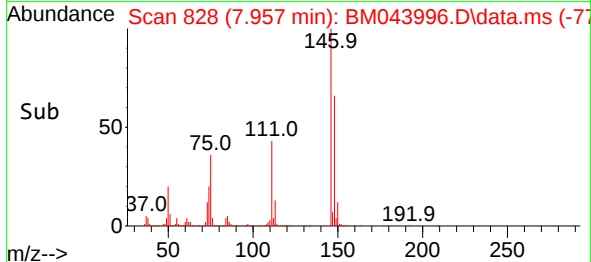
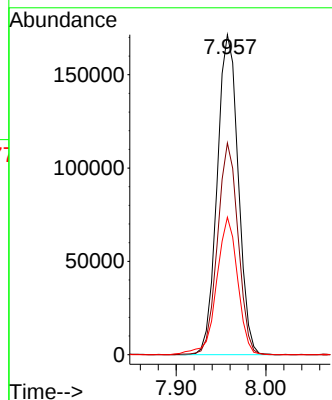
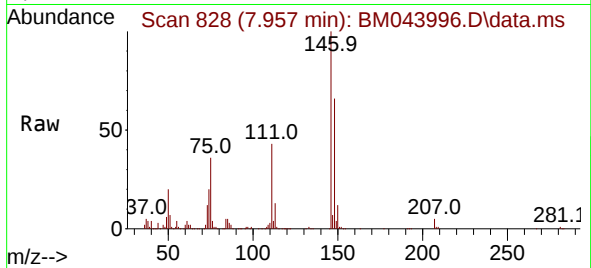
#13  
1,4-Dichlorobenzene  
Concen: 10.304 ng  
RT: 7.957 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BM043996.D  
Acq: 06 Feb 2024 17:39

Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT1-2024

Tgt Ion:146 Resp: 279092  
Ion Ratio Lower Upper  
146 100  
148 66.1 50.7 76.1  
111 42.9 32.6 49.0

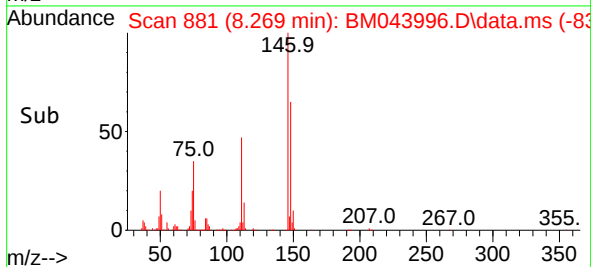
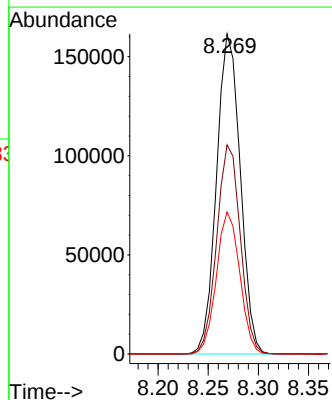
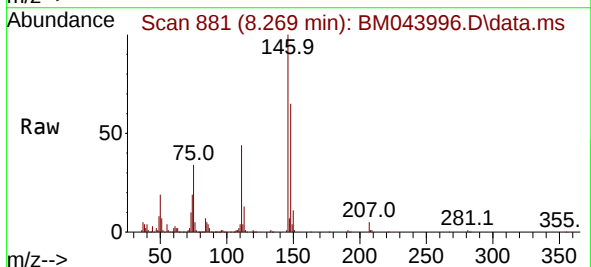
Manual Integrations  
APPROVED

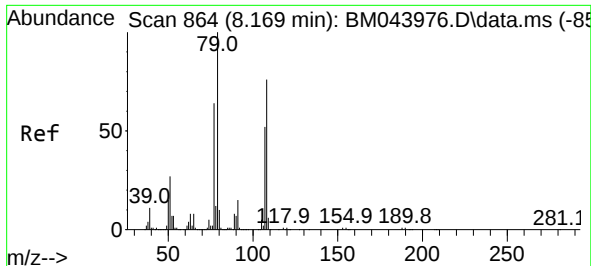
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024



#14  
1,2-Dichlorobenzene  
Concen: 9.948 ng  
RT: 8.269 min Scan# 881  
Delta R.T. -0.006 min  
Lab File: BM043996.D  
Acq: 06 Feb 2024 17:39

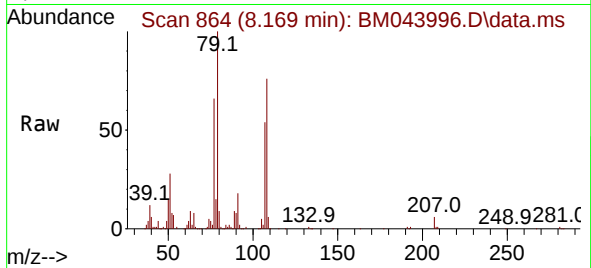
Tgt Ion:146 Resp: 265752  
Ion Ratio Lower Upper  
146 100  
148 65.3 50.3 75.5  
111 44.4 34.3 51.5





#15  
Benzyl Alcohol  
Concen: 9.739 ng m  
RT: 8.169 min Scan# 864  
Delta R.T. -0.000 min  
Lab File: BM043996.D  
Acq: 06 Feb 2024 17:39

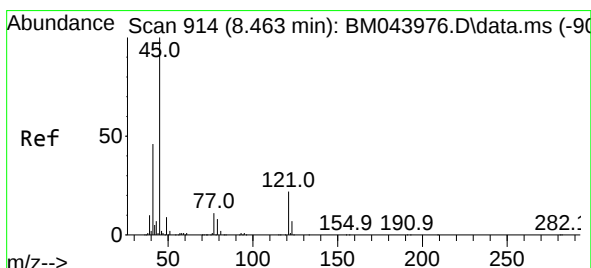
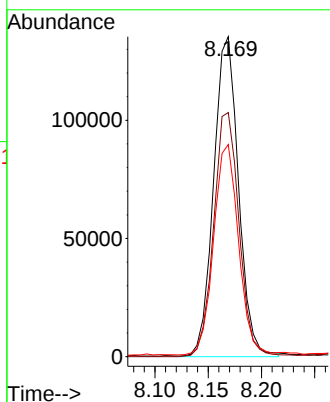
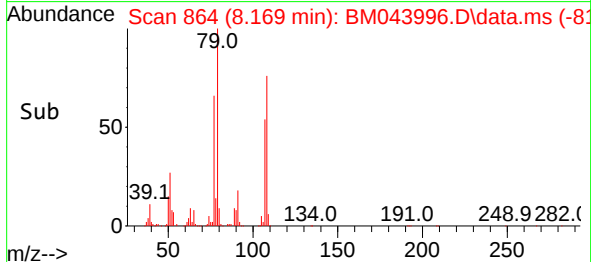
Instrument : BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT1-2024



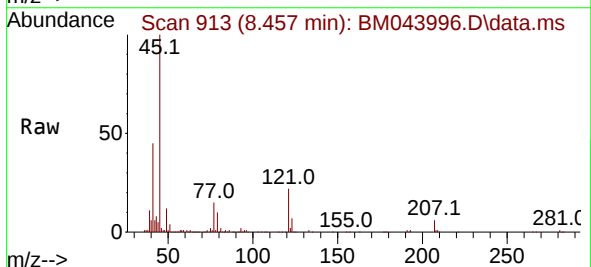
Tgt Ion: 79 Resp: 220374  
Ion Ratio Lower Upper  
79 100  
108 76.3 60.7 91.1  
77 66.3 50.9 76.3

Manual Integrations  
APPROVED

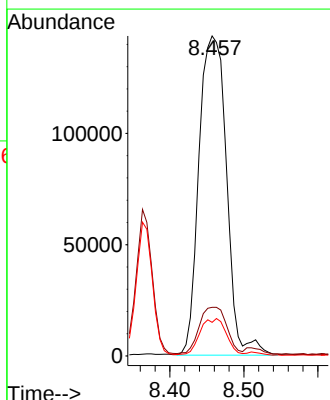
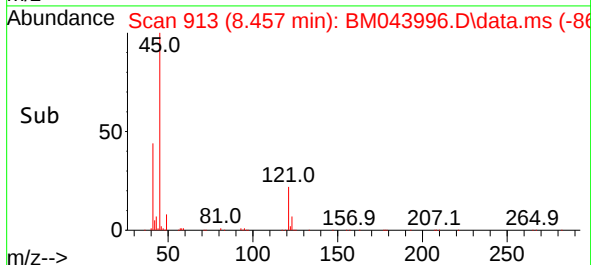
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024

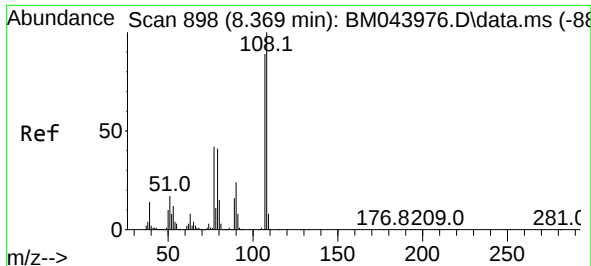


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 10.781 ng m  
RT: 8.457 min Scan# 913  
Delta R.T. -0.006 min  
Lab File: BM043996.D  
Acq: 06 Feb 2024 17:39



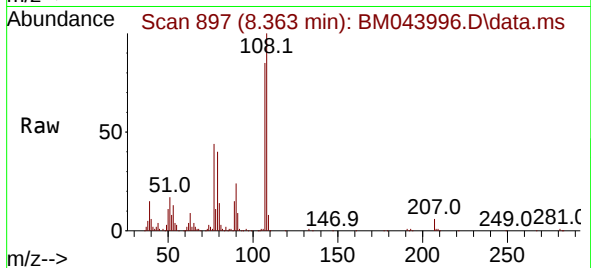
Tgt Ion: 45 Resp: 371953  
Ion Ratio Lower Upper  
45 100  
77 15.2 0.0 34.4  
79 10.5 0.0 31.2





#17  
2-Methylphenol  
Concen: 9.508 ng  
RT: 8.363 min Scan# 898  
Delta R.T. -0.006 min  
Lab File: BM043996.D  
Acq: 06 Feb 2024 17:39

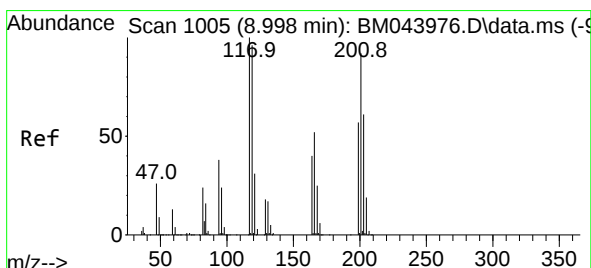
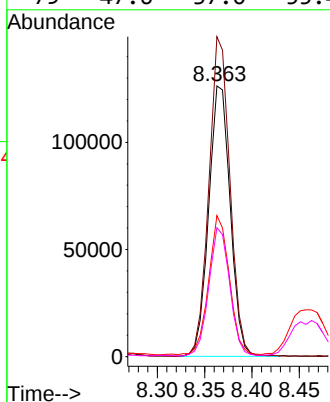
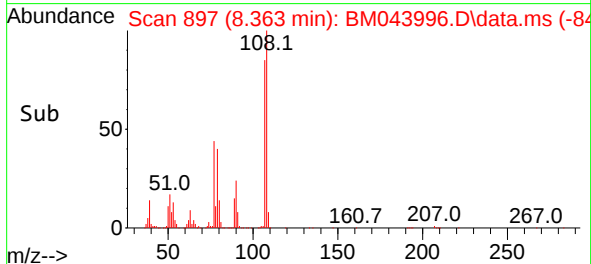
Instrument : BNA\_M  
Client SampleId :  
LOQ-WATER-02-QT1-2024



Tgt Ion:107 Resp: 199489  
Ion Ratio Lower Upper  
107 100  
108 118.2 90.4 135.6  
77 52.1 38.0 57.0  
79 47.6 37.0 55.4

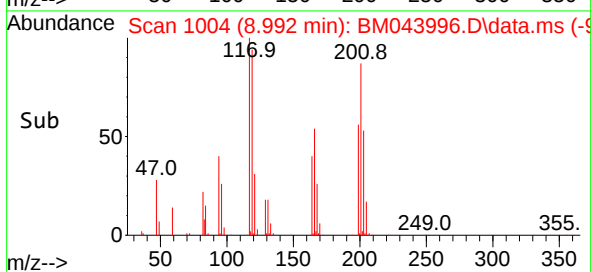
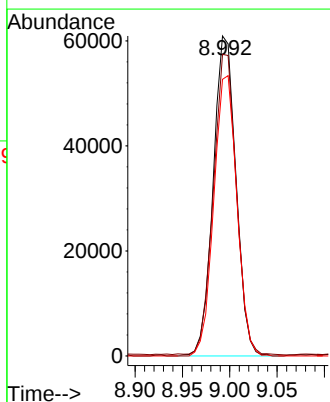
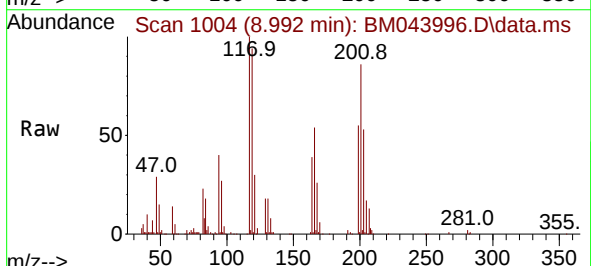
Manual Integrations  
APPROVED

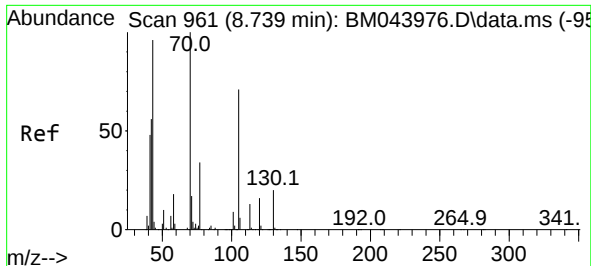
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024



#18  
Hexachloroethane  
Concen: 10.025 ng  
RT: 8.992 min Scan# 1004  
Delta R.T. -0.006 min  
Lab File: BM043996.D  
Acq: 06 Feb 2024 17:39

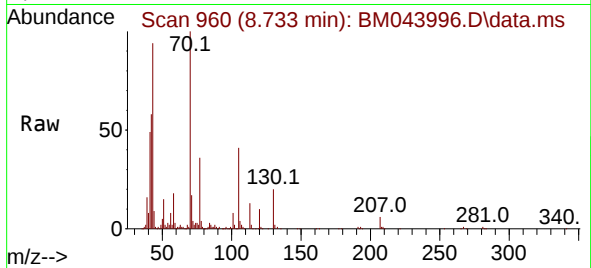
Tgt Ion:117 Resp: 101902  
Ion Ratio Lower Upper  
117 100  
119 94.3 76.7 115.1  
201 86.5 73.4 110.2





#19  
n-Nitroso-di-n-propylamine  
Concen: 9.752 ng  
RT: 8.733 min Scan# 961  
Delta R.T. -0.006 min  
Lab File: BM043996.D  
Acq: 06 Feb 2024 17:39

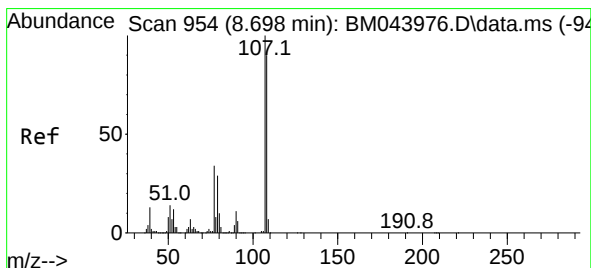
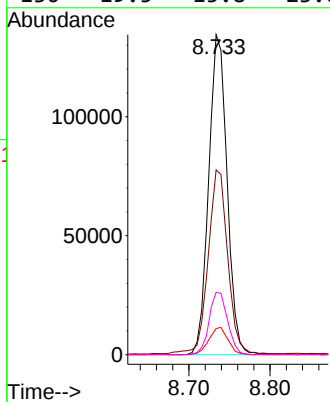
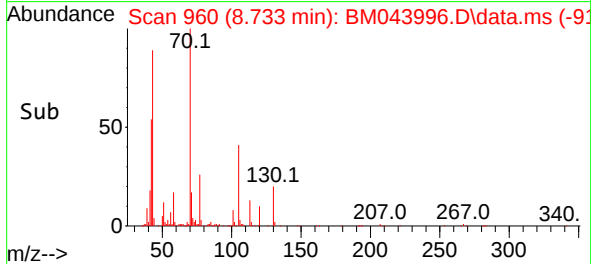
Instrument : BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT1-2024



Tgt Ion: 70 Resp: 21183  
Ion Ratio Lower Upper  
70 100  
42 57.7 45.6 68.4  
101 8.2 7.5 11.3  
130 19.5 15.8 23.6

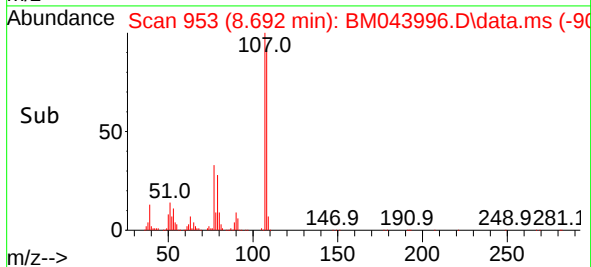
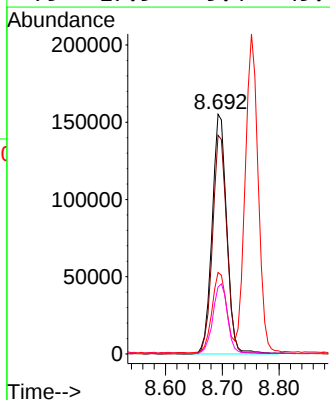
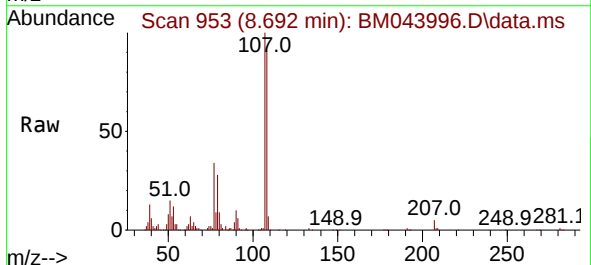
Manual Integrations  
APPROVED

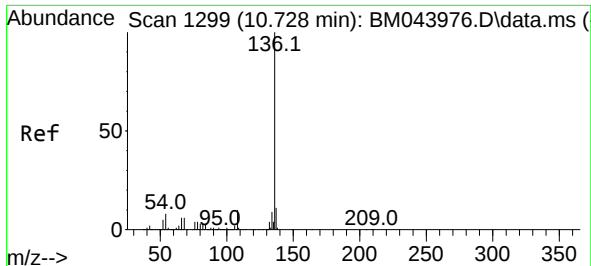
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024



#20  
3+4-Methylphenols  
Concen: 9.363 ng  
RT: 8.692 min Scan# 953  
Delta R.T. -0.006 min  
Lab File: BM043996.D  
Acq: 06 Feb 2024 17:39

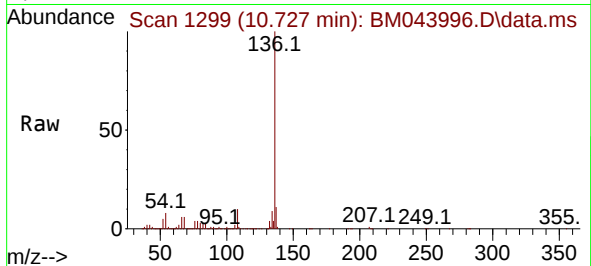
Tgt Ion:107 Resp: 277277  
Ion Ratio Lower Upper  
107 100  
108 91.3 70.3 110.3  
77 34.0 14.0 54.0  
79 27.9 9.4 49.4





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.727 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: BM043996.D  
Acq: 06 Feb 2024 17:39

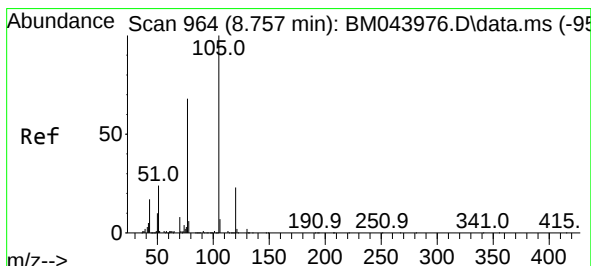
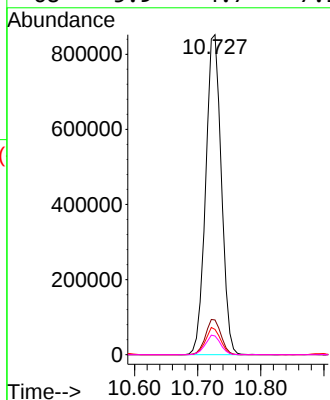
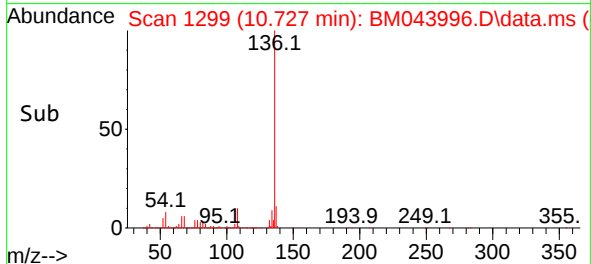
Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT1-2024



Tgt Ion:136 Resp: 146376  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.8 13.2  
54 7.9 6.5 9.7  
68 5.9 4.7 7.1

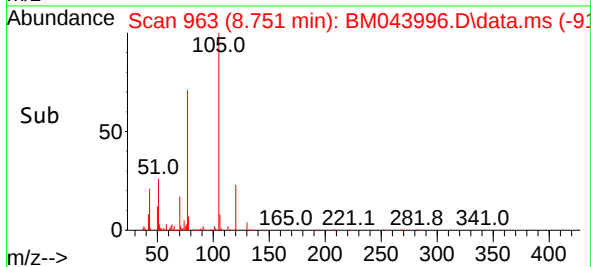
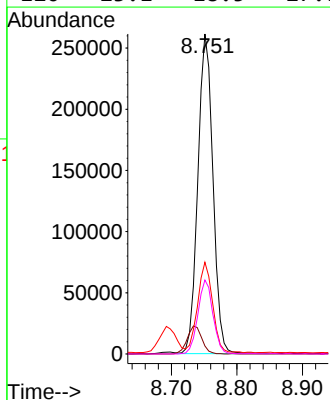
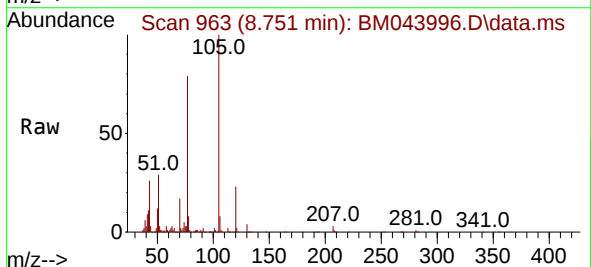
Manual Integrations  
APPROVED

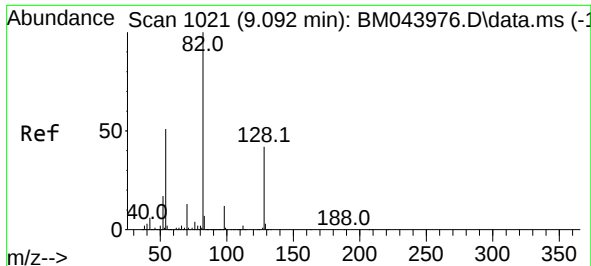
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024



#22  
Acetophenone  
Concen: 10.564 ng  
RT: 8.751 min Scan# 963  
Delta R.T. -0.006 min  
Lab File: BM043996.D  
Acq: 06 Feb 2024 17:39

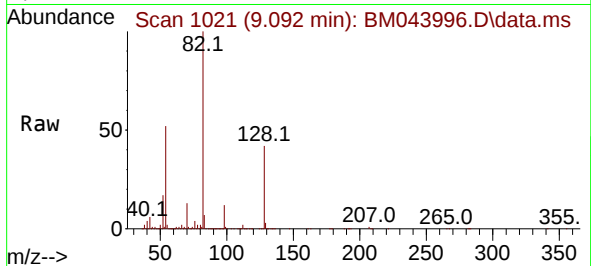
Tgt Ion:105 Resp: 418986  
Ion Ratio Lower Upper  
105 100  
71 2.5 1.6 2.4#  
51 28.7 21.8 32.6  
120 23.1 18.5 27.7





#23  
Nitrobenzene-d5  
Concen: 83.374 ng  
RT: 9.092 min Scan# 1021  
Delta R.T. 0.000 min  
Lab File: BM043996.D  
Acq: 06 Feb 2024 17:39

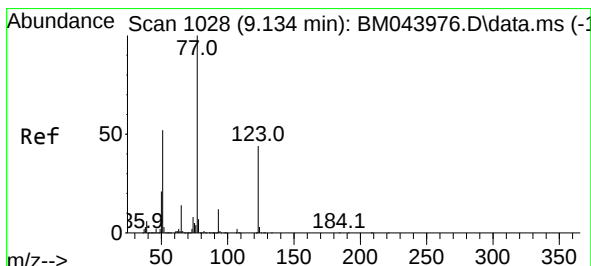
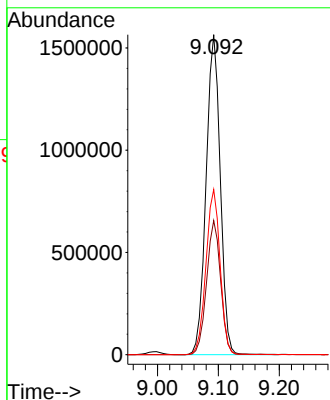
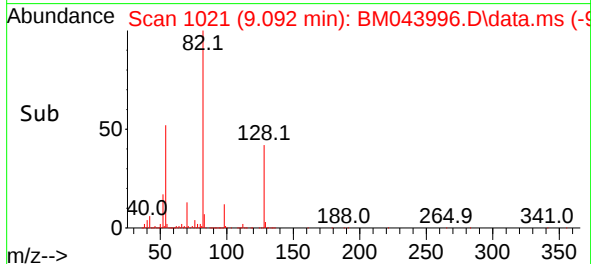
Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT1-2024



Tgt Ion: 82 Resp: 253167  
Ion Ratio Lower Upper  
82 100  
128 41.9 33.9 50.9  
54 51.6 41.1 61.7

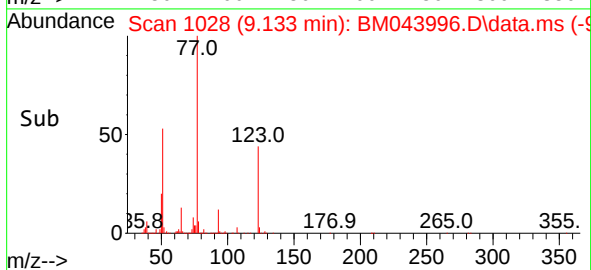
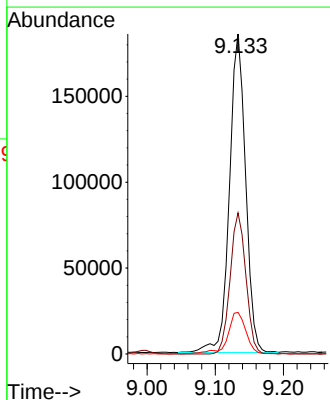
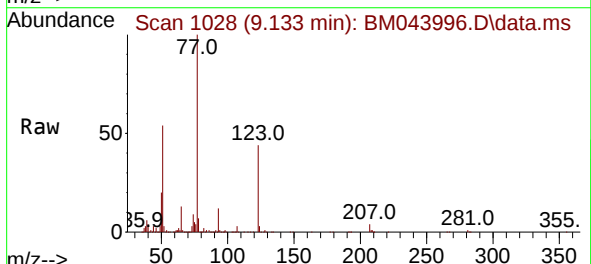
Manual Integrations  
APPROVED

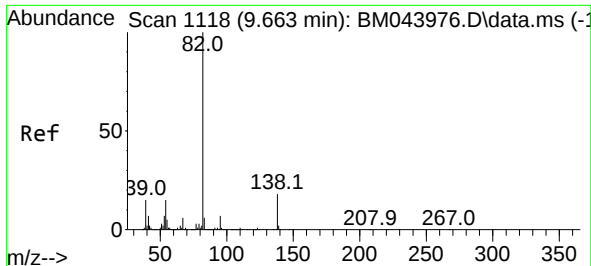
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024



#24  
Nitrobenzene  
Concen: 10.059 ng  
RT: 9.133 min Scan# 1028  
Delta R.T. -0.000 min  
Lab File: BM043996.D  
Acq: 06 Feb 2024 17:39

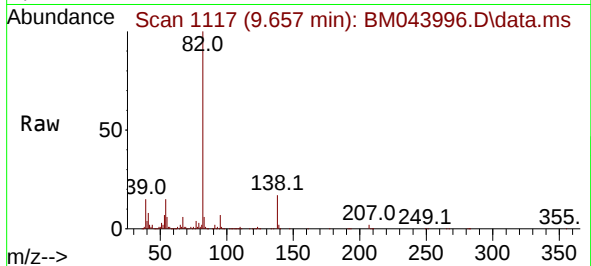
Tgt Ion: 77 Resp: 306457  
Ion Ratio Lower Upper  
77 100  
123 44.1 35.3 52.9  
65 13.0 10.9 16.3





#25  
Isophorone  
Concen: 9.697 ng  
RT: 9.657 min Scan# 1117  
Delta R.T. -0.006 min  
Lab File: BM043996.D  
Acq: 06 Feb 2024 17:39

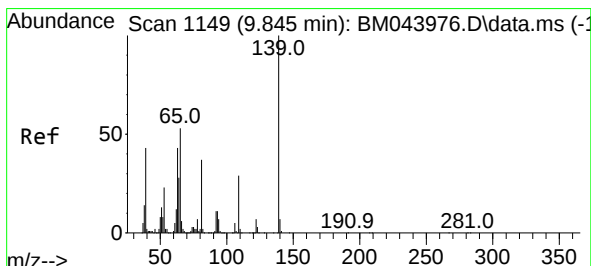
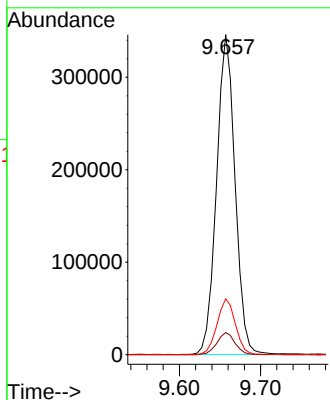
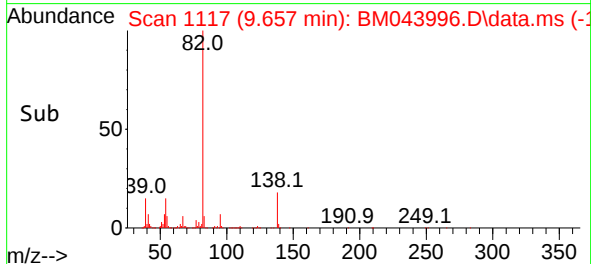
Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT1-2024



Tgt Ion: 82 Resp: 548150  
Ion Ratio Lower Upper  
82 100  
95 6.9 5.6 8.4  
138 17.5 14.2 21.2

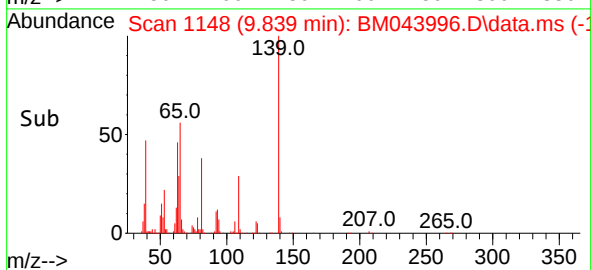
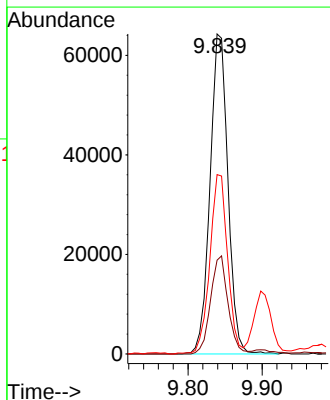
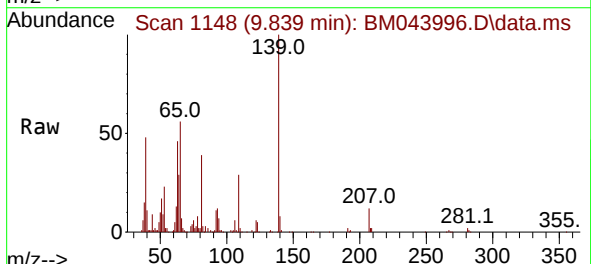
Manual Integrations  
APPROVED

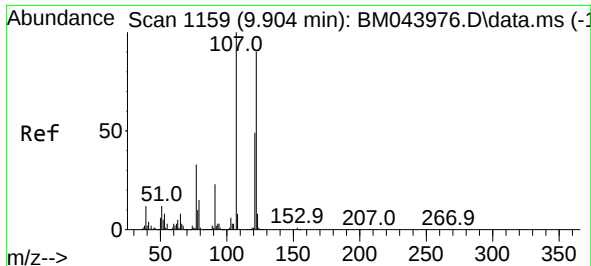
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024



#26  
2-Nitrophenol  
Concen: 8.755 ng  
RT: 9.839 min Scan# 1148  
Delta R.T. -0.006 min  
Lab File: BM043996.D  
Acq: 06 Feb 2024 17:39

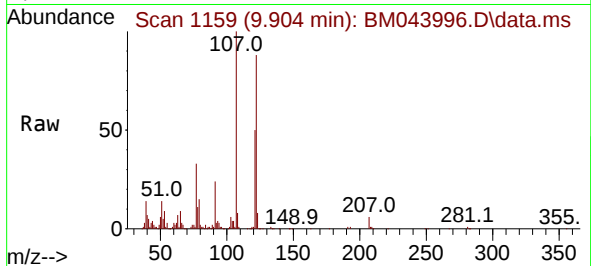
Tgt Ion:139 Resp: 107800  
Ion Ratio Lower Upper  
139 100  
109 29.3 23.3 34.9  
65 56.0 42.5 63.7





#27  
2,4-Dimethylphenol  
Concen: 10.788 ng  
RT: 9.904 min Scan# 1159  
Delta R.T. -0.000 min  
Lab File: BM043996.D  
Acq: 06 Feb 2024 17:39

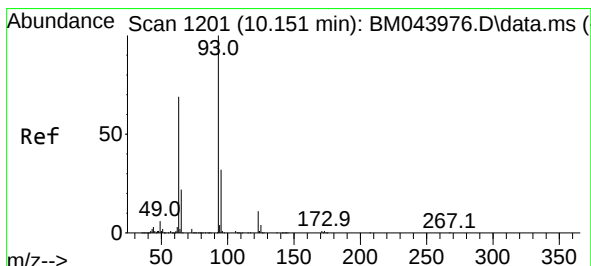
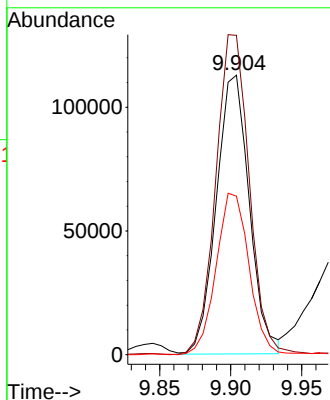
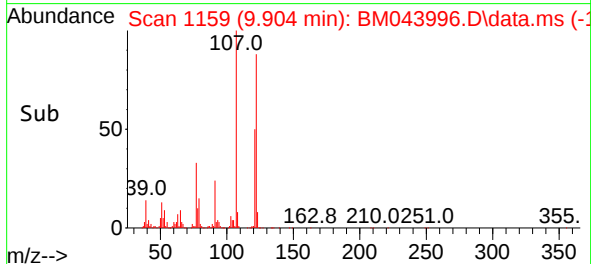
Instrument : BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT1-2024



Tgt Ion:122 Resp: 182399  
Ion Ratio Lower Upper  
122 100  
107 114.2 89.0 133.4  
121 56.7 43.4 65.0

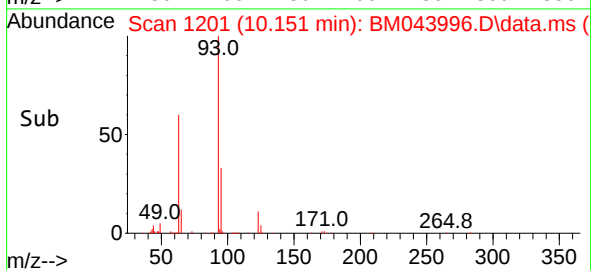
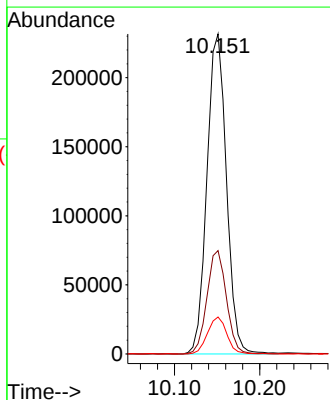
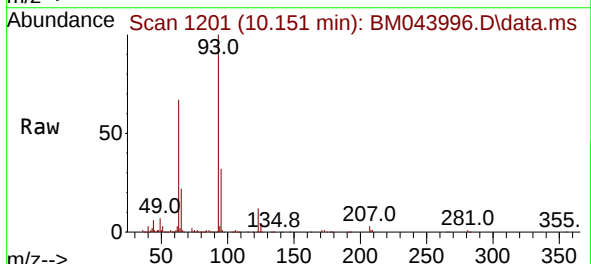
Manual Integrations  
APPROVED

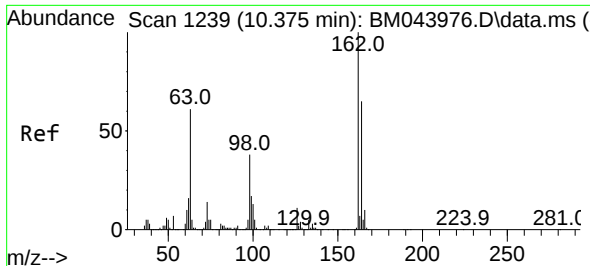
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024



#28  
bis(2-Chloroethoxy)methane  
Concen: 10.670 ng  
RT: 10.151 min Scan# 1201  
Delta R.T. -0.000 min  
Lab File: BM043996.D  
Acq: 06 Feb 2024 17:39

Tgt Ion: 93 Resp: 368314  
Ion Ratio Lower Upper  
93 100  
95 32.3 25.9 38.9  
123 11.6 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 9.824 ng

RT: 10.369 min Scan# 1239

Delta R.T. -0.006 min

Lab File: BM043996.D

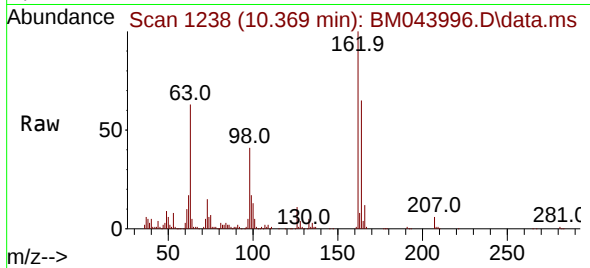
Acq: 06 Feb 2024 17:39

Instrument :

BNA\_M

ClientSampleId :

LOQ-WATER-02-QT1-2024



Tgt Ion:162 Resp: 21185

Ion Ratio Lower Upper

162 100

164 65.2 45.1 85.1

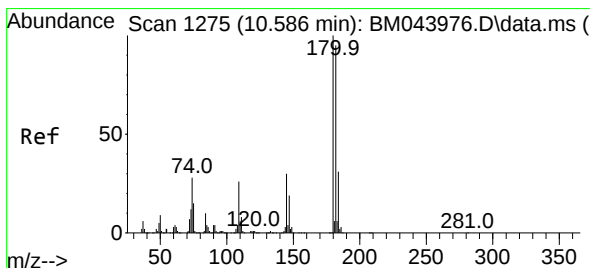
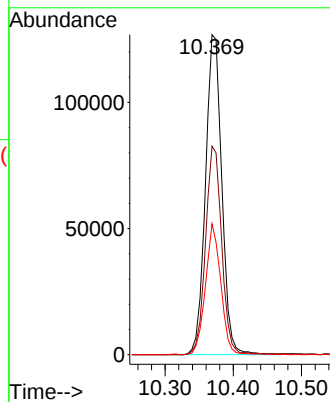
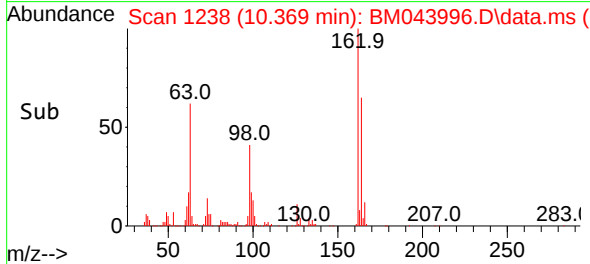
98 40.9 17.8 57.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024

Supervised By :mohammad ahmed 02/08/2024



#30

1,2,4-Trichlorobenzene

Concen: 10.185 ng

RT: 10.586 min Scan# 1275

Delta R.T. -0.000 min

Lab File: BM043996.D

Acq: 06 Feb 2024 17:39

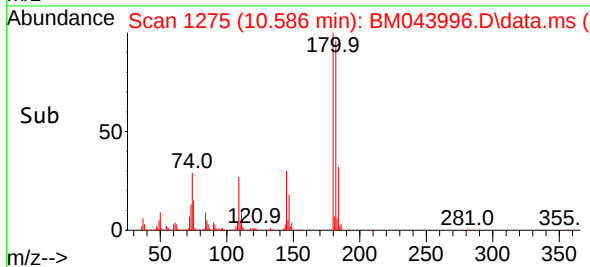
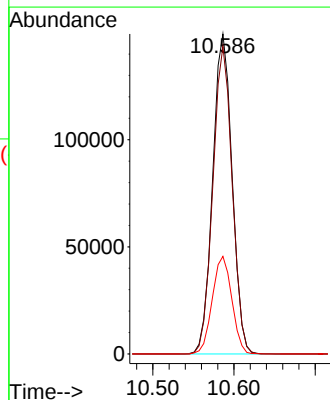
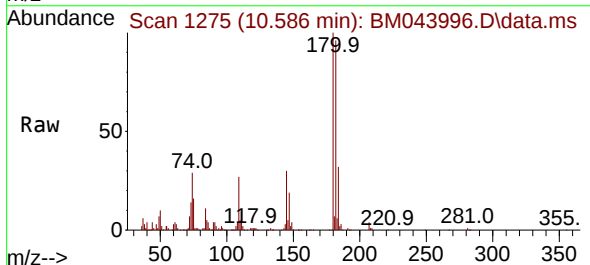
Tgt Ion:180 Resp: 248075

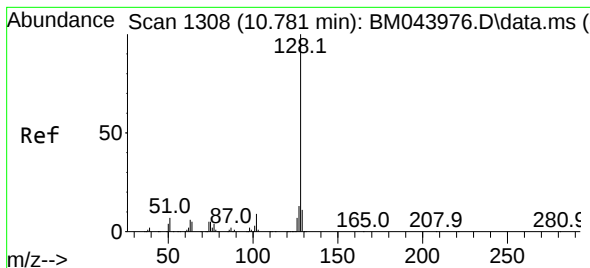
Ion Ratio Lower Upper

180 100

182 96.1 76.0 114.0

145 30.5 24.2 36.2





#31

Naphthalene

Concen: 10.114 ng

RT: 10.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM043996.D

Acq: 06 Feb 2024 17:39

Instrument :

BNA\_M

ClientSampleId :

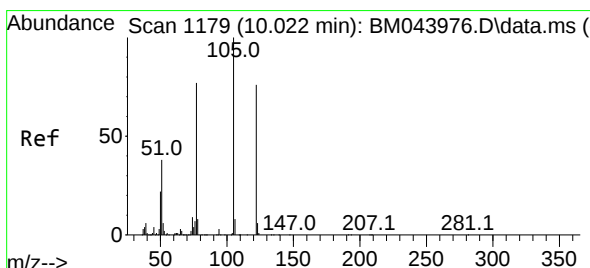
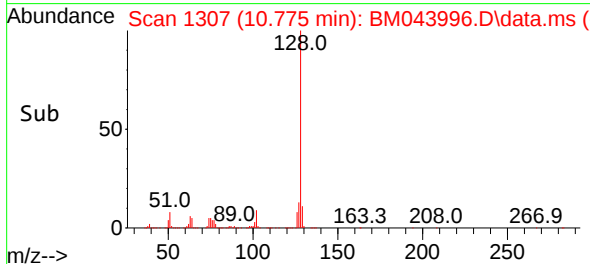
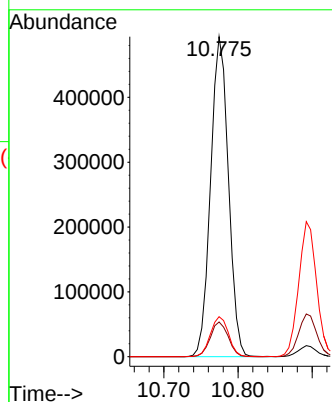
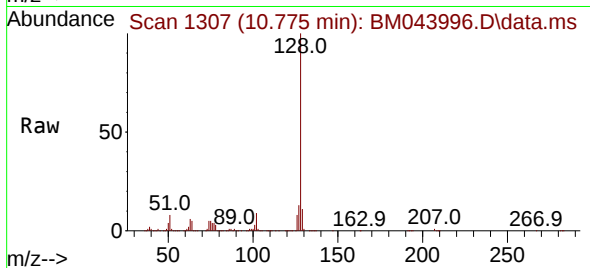
LOQ-WATER-02-QT1-2024

Tgt Ion:128 Resp: 82515  
 Ion Ratio Lower Upper  
 128 100  
 129 10.9 8.4 12.6  
 127 12.5 10.1 15.1

Manual Integrations

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Reviewed By :Jagrut Upadhyay 02/07/2024  
 Supervised By :mohammad ahmed 02/08/2024



#32

Benzoic acid

Concen: 11.492 ng

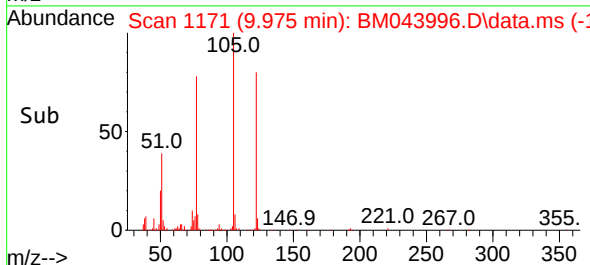
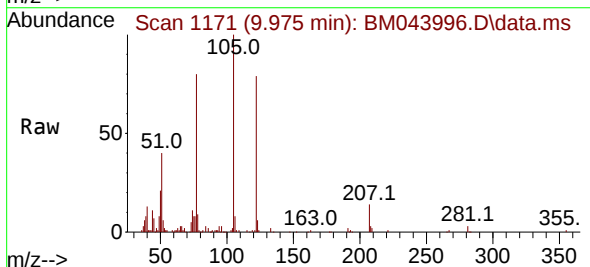
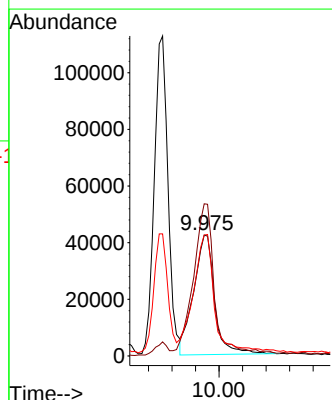
RT: 9.975 min Scan# 1171

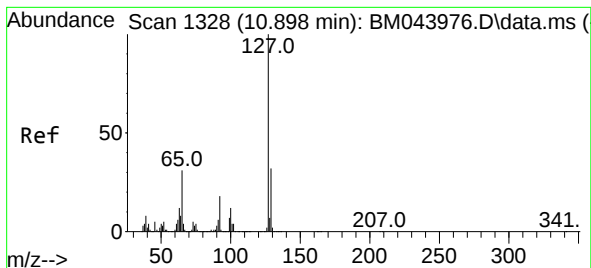
Delta R.T. -0.047 min

Lab File: BM043996.D

Acq: 06 Feb 2024 17:39

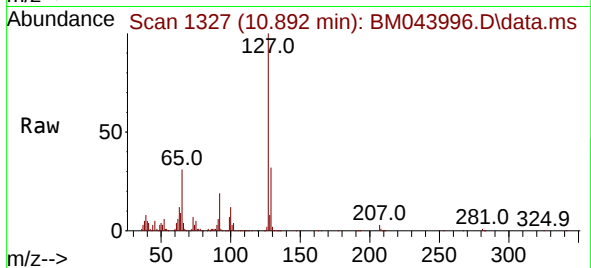
Tgt Ion:122 Resp: 104025  
 Ion Ratio Lower Upper  
 122 100  
 105 125.9 109.4 149.4  
 77 100.2 80.5 120.5





#33  
4-Chloroaniline  
Concen: 10.544 ng  
RT: 10.892 min Scan# 1327  
Delta R.T. -0.006 min  
Lab File: BM043996.D  
Acq: 06 Feb 2024 17:39

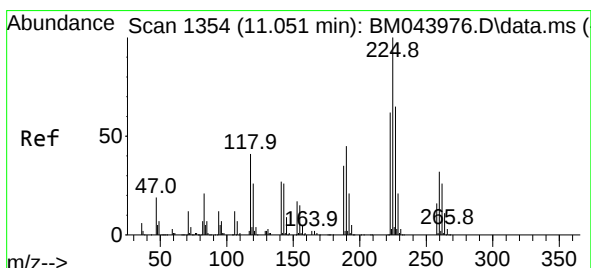
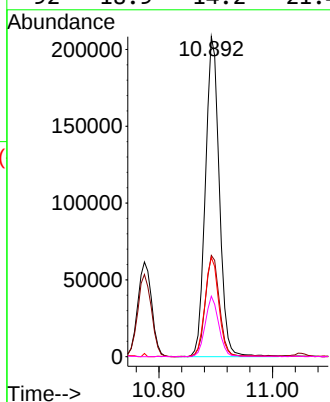
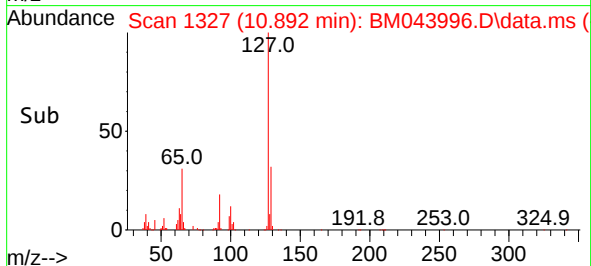
Instrument : BNA\_M  
ClientSampleId : LOQ-WATER-02-QT1-2024



Tgt Ion:127 Resp: 353600  
Ion Ratio Lower Upper  
127 100  
129 31.7 25.6 38.4  
65 31.0 24.5 36.7  
92 18.9 14.2 21.4

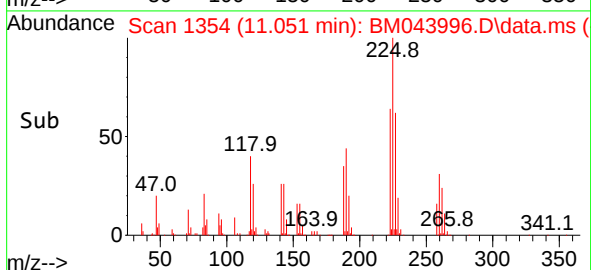
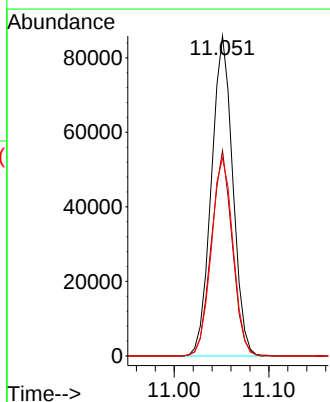
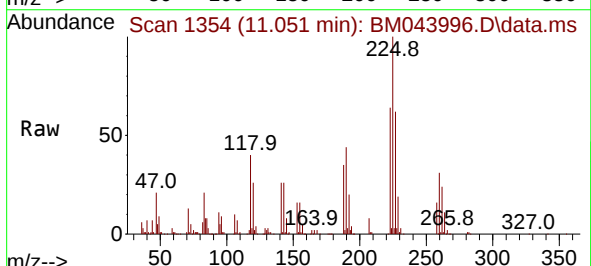
Manual Integrations  
APPROVED

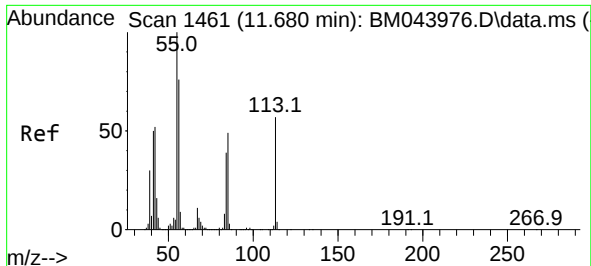
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024



#34  
Hexachlorobutadiene  
Concen: 10.149 ng  
RT: 11.051 min Scan# 1354  
Delta R.T. -0.000 min  
Lab File: BM043996.D  
Acq: 06 Feb 2024 17:39

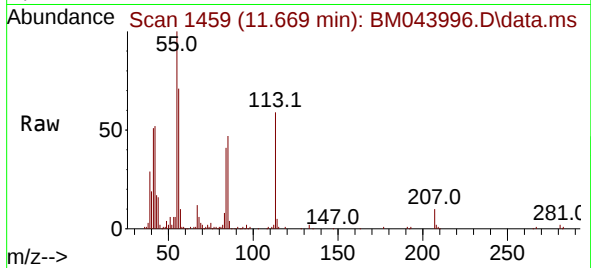
Tgt Ion:225 Resp: 134823  
Ion Ratio Lower Upper  
225 100  
223 64.2 49.8 74.8  
227 61.9 51.7 77.5





#35  
Caprolactam  
Concen: 8.211 ng  
RT: 11.669 min Scan# 1461  
Delta R.T. -0.012 min  
Lab File: BM043996.D  
Acq: 06 Feb 2024 17:39

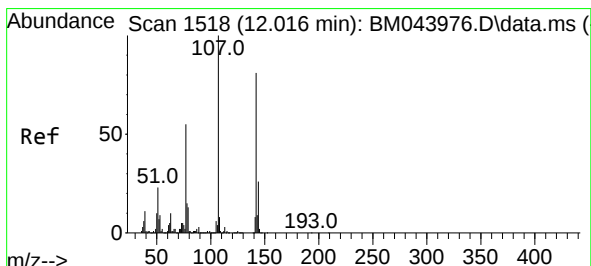
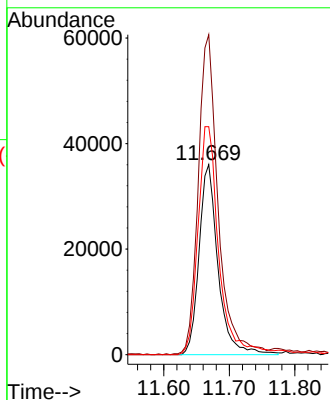
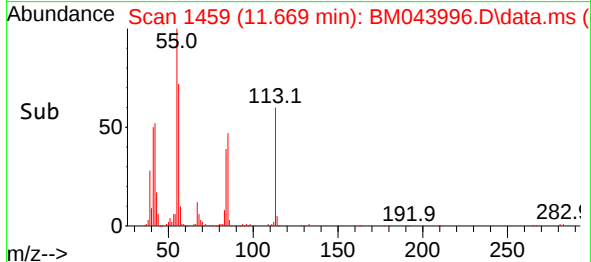
Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT1-2024



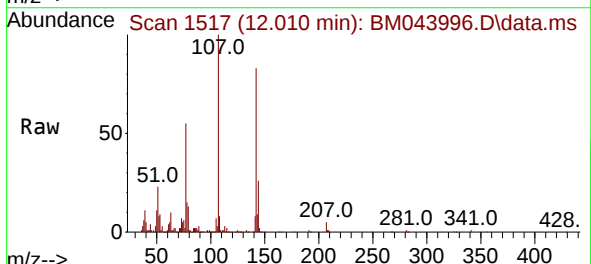
Tgt Ion:113 Resp: 72614  
Ion Ratio Lower Upper  
113 100  
55 168.3 154.3 194.3  
56 120.0 112.2 152.2

Manual Integrations  
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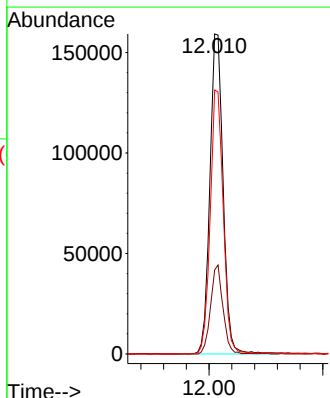
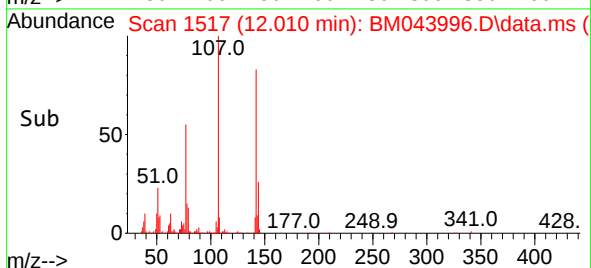
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024

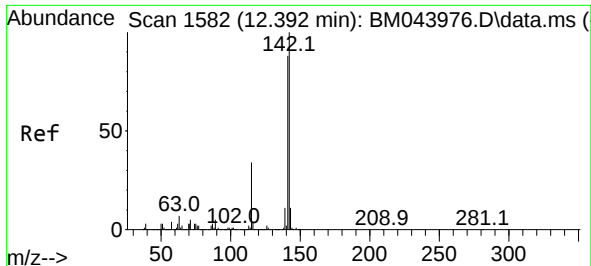


#36  
4-Chloro-3-methylphenol  
Concen: 9.696 ng  
RT: 12.010 min Scan# 1517  
Delta R.T. -0.006 min  
Lab File: BM043996.D  
Acq: 06 Feb 2024 17:39



Tgt Ion:107 Resp: 256044  
Ion Ratio Lower Upper  
107 100  
144 26.3 21.1 31.7  
142 82.5 65.0 97.4





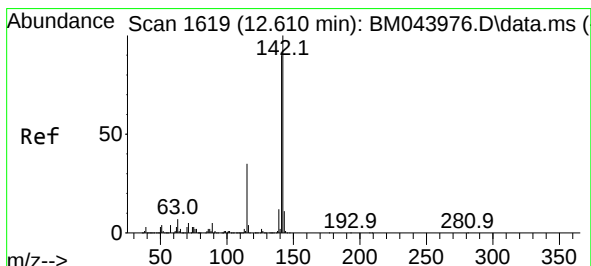
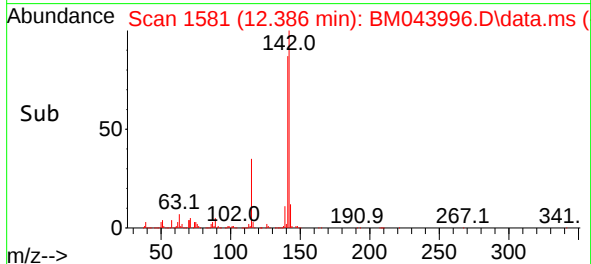
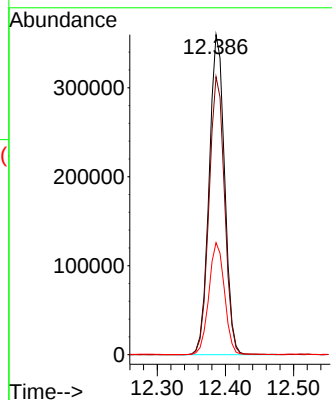
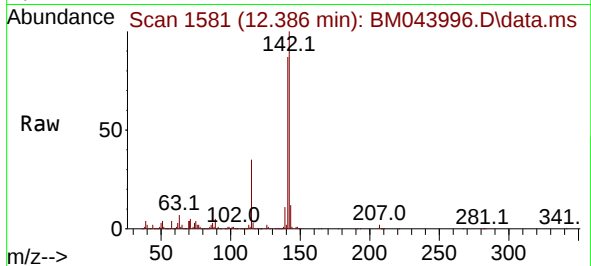
#37  
2-Methylnaphthalene  
Concen: 9.967 ng  
RT: 12.386 min Scan# 1582  
Delta R.T. -0.006 min  
Lab File: BM043996.D  
Acq: 06 Feb 2024 17:39

Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT1-2024

Tgt Ion:142 Resp: 567082  
Ion Ratio Lower Upper  
142 100  
141 86.9 70.2 105.2  
115 35.0 27.2 40.8

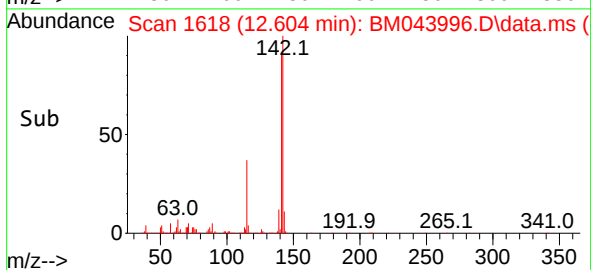
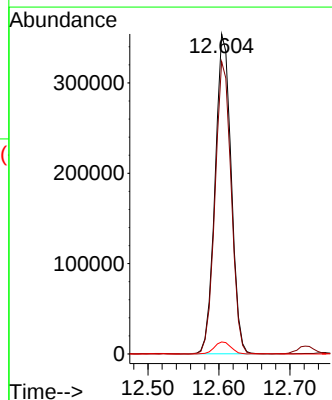
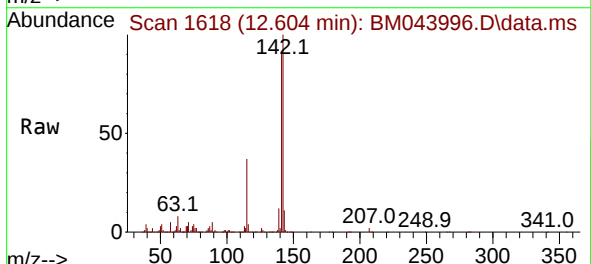
Manual Integrations  
APPROVED

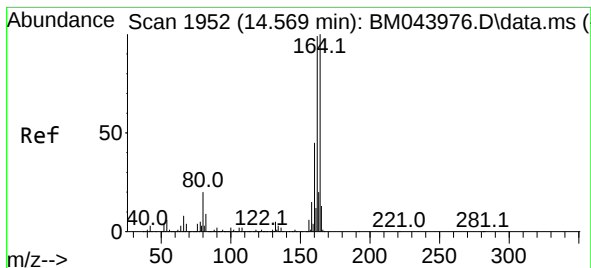
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024



#38  
1-Methylnaphthalene  
Concen: 9.777 ng  
RT: 12.604 min Scan# 1618  
Delta R.T. -0.006 min  
Lab File: BM043996.D  
Acq: 06 Feb 2024 17:39

Tgt Ion:142 Resp: 555324  
Ion Ratio Lower Upper  
142 100  
141 91.4 72.1 108.1  
116 3.8 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.563 min Scan# 1951

Delta R.T. -0.007 min

Lab File: BM043996.D

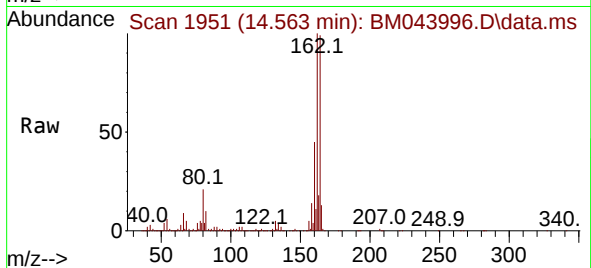
Acq: 06 Feb 2024 17:39

Instrument :

BNA\_M

ClientSampleId :

LOQ-WATER-02-QT1-2024



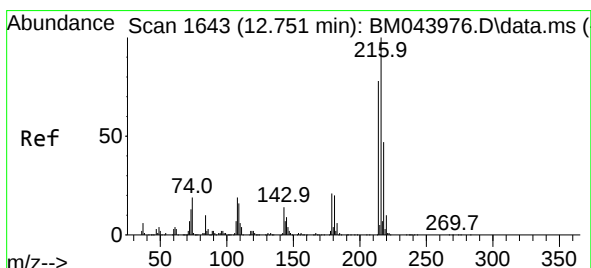
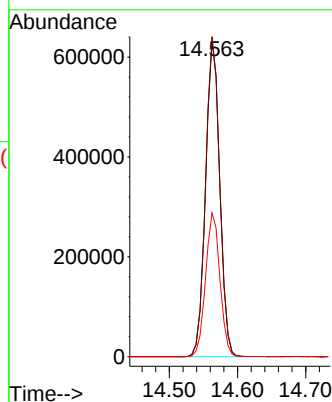
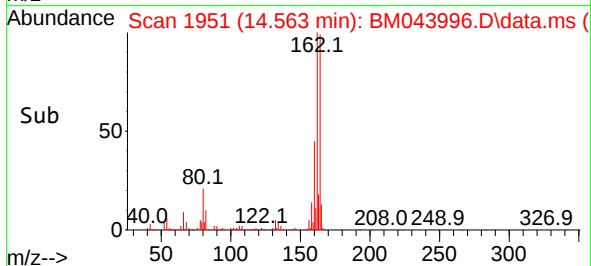
Tgt Ion:164 Resp: 913740

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 101.4 | 79.0  | 118.4 |
| 160 | 45.5  | 35.8  | 53.8  |

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 10.749 ng

RT: 12.751 min Scan# 1643

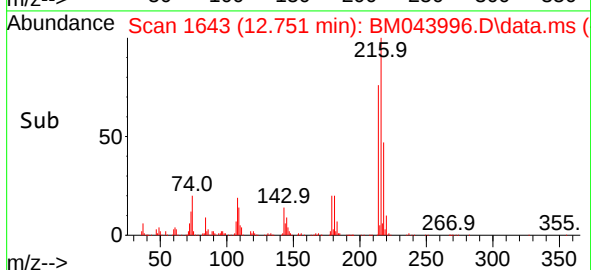
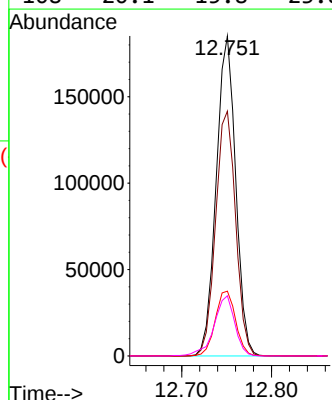
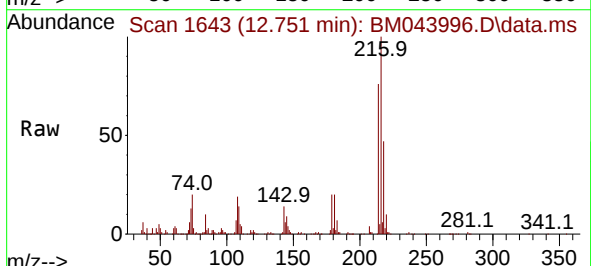
Delta R.T. -0.000 min

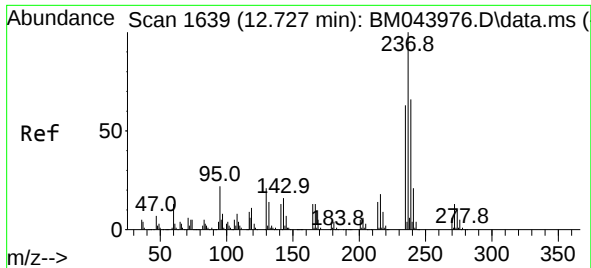
Lab File: BM043996.D

Acq: 06 Feb 2024 17:39

Tgt Ion:216 Resp: 278564

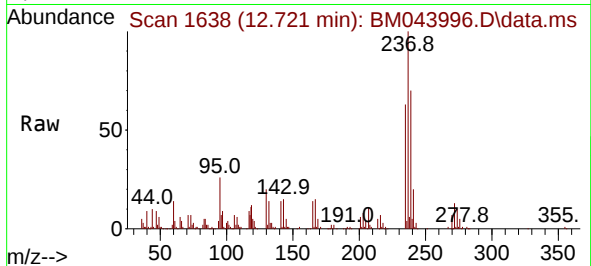
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 216 | 100   |       |       |
| 214 | 78.6  | 62.6  | 94.0  |
| 179 | 21.3  | 16.7  | 25.1  |
| 108 | 20.1  | 15.8  | 23.8  |





#41  
Hexachlorocyclopentadiene  
Concen: 11.669 ng  
RT: 12.721 min Scan# 1638  
Delta R.T. -0.006 min  
Lab File: BM043996.D  
Acq: 06 Feb 2024 17:39

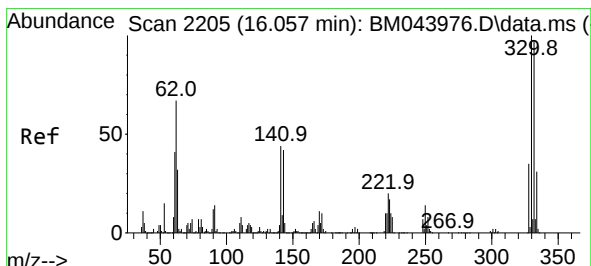
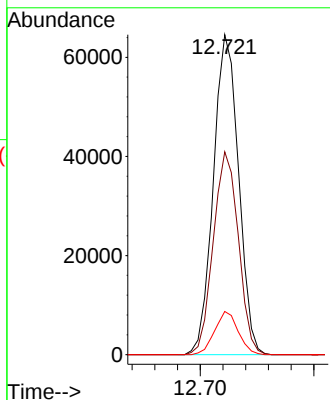
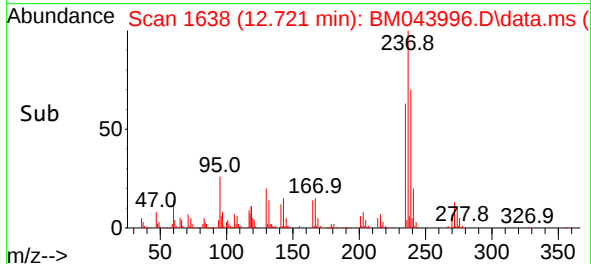
Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT1-2024



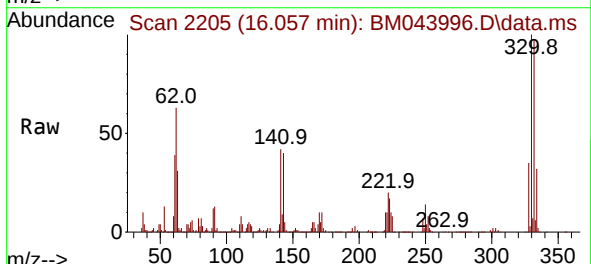
Tgt Ion:237 Resp: 9946  
Ion Ratio Lower Upper  
237 100  
235 63.4 43.5 83.5  
272 13.5 0.0 33.2

Manual Integrations  
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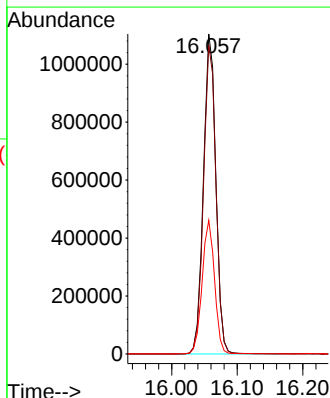
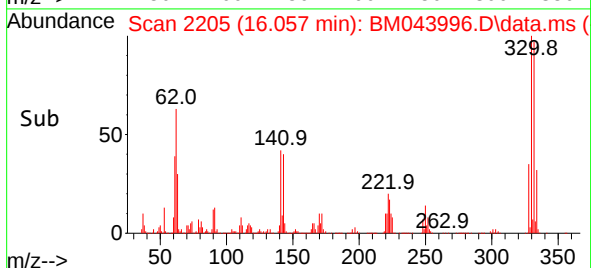
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024

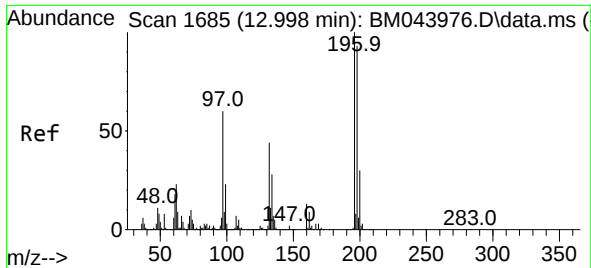


#42  
2,4,6-Tribromophenol  
Concen: 130.934 ng  
RT: 16.057 min Scan# 2205  
Delta R.T. -0.000 min  
Lab File: BM043996.D  
Acq: 06 Feb 2024 17:39



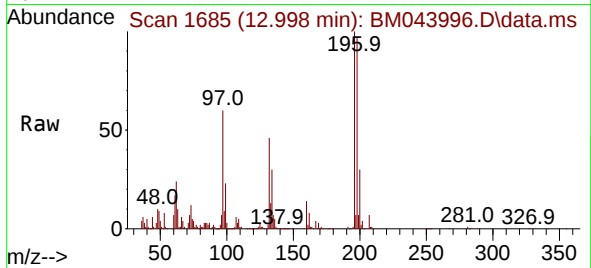
Tgt Ion:330 Resp: 1458401  
Ion Ratio Lower Upper  
330 100  
332 96.6 77.6 116.4  
141 41.7 33.5 50.3





#43  
2,4,6-Trichlorophenol  
Concen: 9.579 ng  
RT: 12.998 min Scan# 1685  
Delta R.T. -0.000 min  
Lab File: BM043996.D  
Acq: 06 Feb 2024 17:39

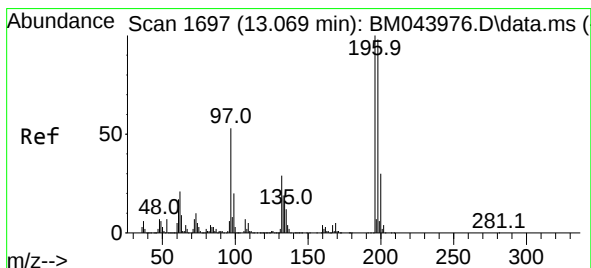
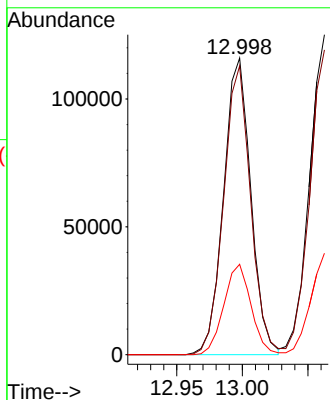
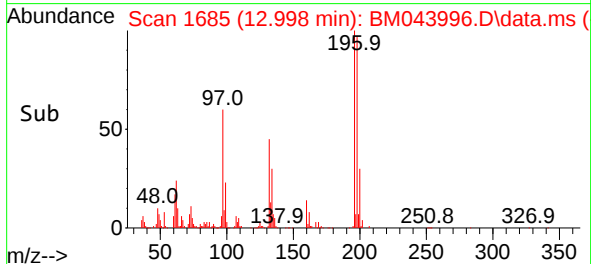
Instrument : BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT1-2024



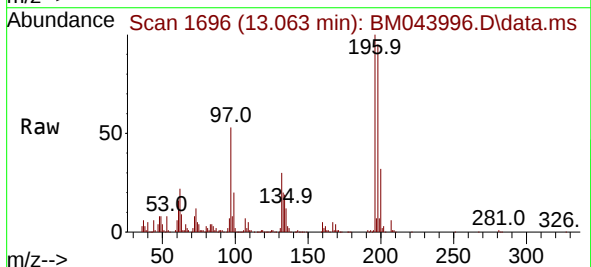
Tgt Ion:196 Resp: 16776  
Ion Ratio Lower Upper  
196 100  
198 97.3 74.2 111.2  
200 30.5 23.8 35.8

Manual Integrations  
APPROVED

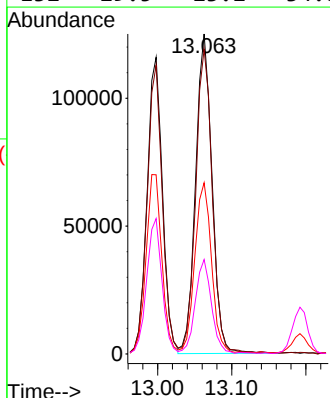
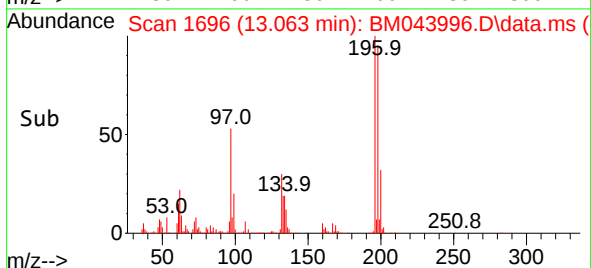
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024

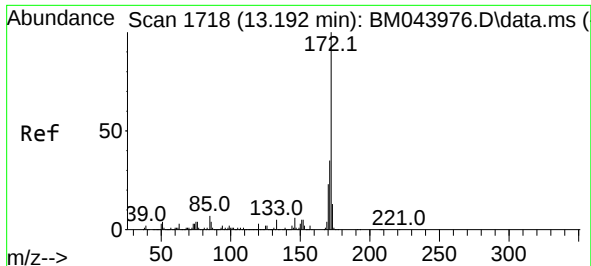


#44  
2,4,5-Trichlorophenol  
Concen: 9.653 ng  
RT: 13.063 min Scan# 1696  
Delta R.T. -0.006 min  
Lab File: BM043996.D  
Acq: 06 Feb 2024 17:39



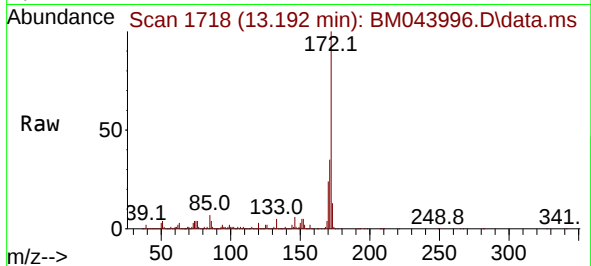
Tgt Ion:196 Resp: 192880  
Ion Ratio Lower Upper  
196 100  
198 95.3 78.1 117.1  
97 53.5 42.2 63.2  
132 29.5 23.2 34.8





#45  
2-Fluorobiphenyl  
Concen: 87.305 ng  
RT: 13.192 min Scan# 1718  
Delta R.T. 0.000 min  
Lab File: BM043996.D  
Acq: 06 Feb 2024 17:39

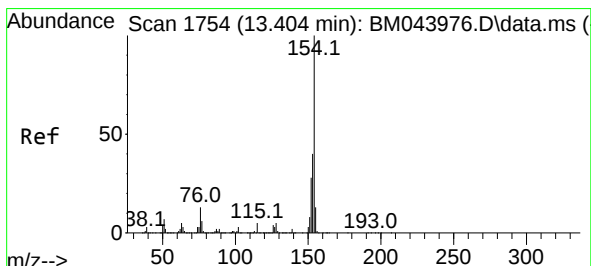
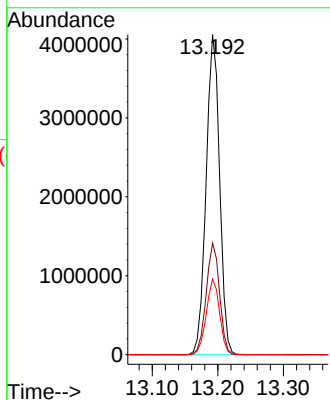
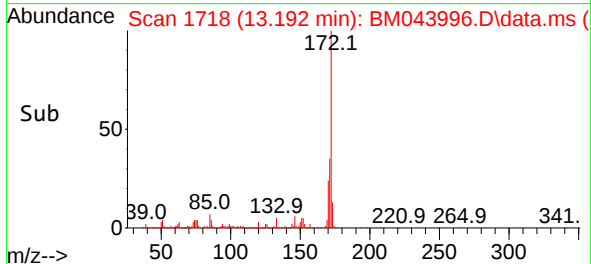
Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT1-2024



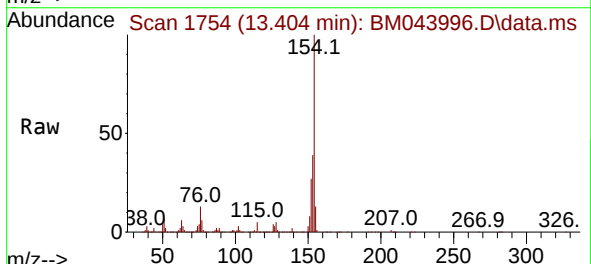
Tgt Ion:172 Resp: 580573  
Ion Ratio Lower Upper  
172 100  
171 34.9 27.9 41.9  
170 23.6 18.6 28.0

Manual Integrations  
APPROVED

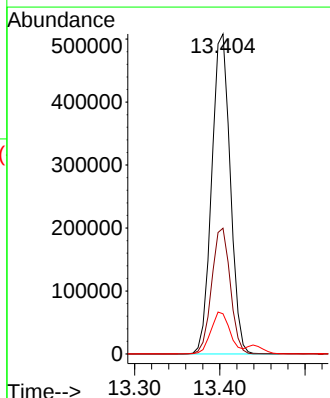
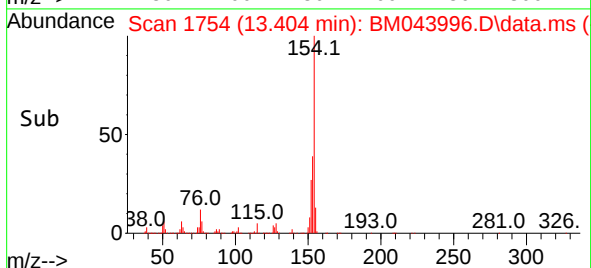
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024

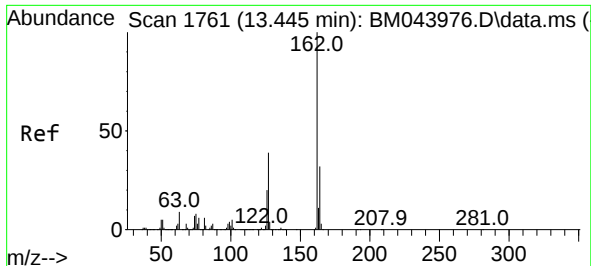


#46  
1,1'-Biphenyl  
Concen: 10.671 ng  
RT: 13.404 min Scan# 1754  
Delta R.T. -0.000 min  
Lab File: BM043996.D  
Acq: 06 Feb 2024 17:39



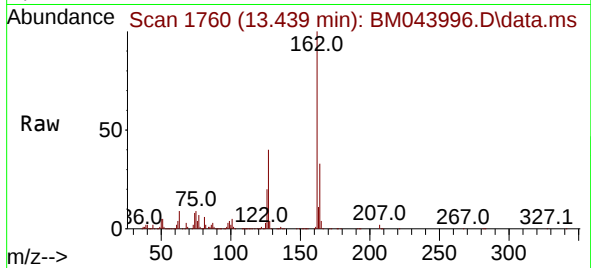
Tgt Ion:154 Resp: 766742  
Ion Ratio Lower Upper  
154 100  
153 39.3 19.8 59.8  
76 12.5 0.0 33.0





#47  
2-Chloronaphthalene  
Concen: 10.213 ng  
RT: 13.439 min Scan# 1761  
Delta R.T. -0.006 min  
Lab File: BM043996.D  
Acq: 06 Feb 2024 17:39

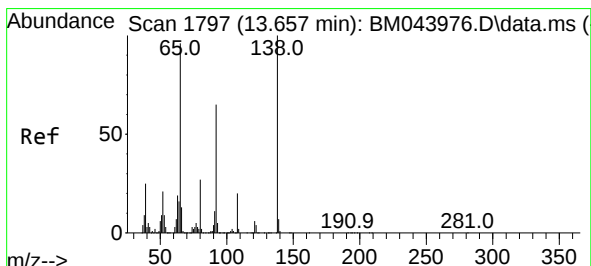
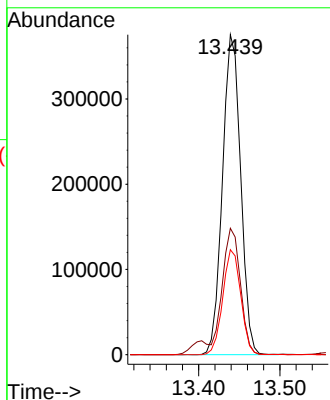
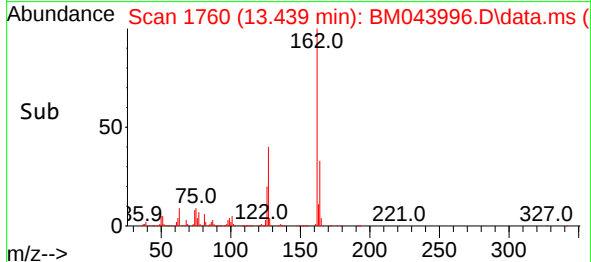
Instrument : BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT1-2024



Tgt Ion:162 Resp: 585248  
Ion Ratio Lower Upper  
162 100  
127 39.5 31.0 46.6  
164 32.8 25.8 38.6

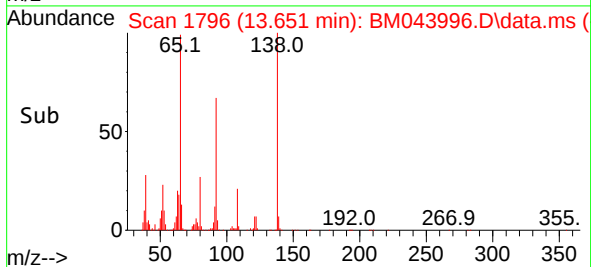
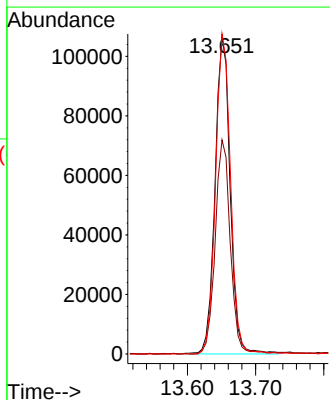
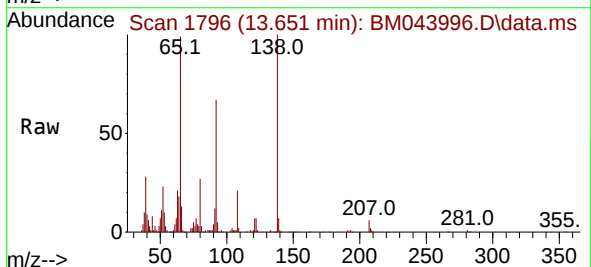
Manual Integrations  
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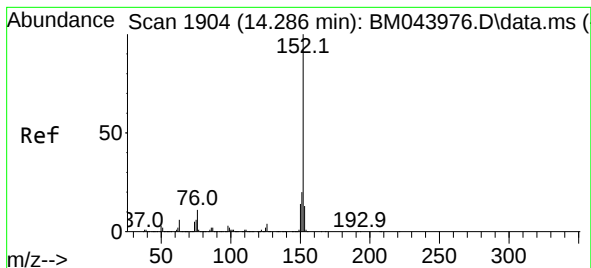
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024



#48  
2-Nitroaniline  
Concen: 8.835 ng  
RT: 13.651 min Scan# 1796  
Delta R.T. -0.006 min  
Lab File: BM043996.D  
Acq: 06 Feb 2024 17:39

Tgt Ion: 65 Resp: 164669  
Ion Ratio Lower Upper  
65 100  
92 67.4 53.6 80.4  
138 100.8 83.0 124.6





#49

Acenaphthylene

Concen: 10.780 ng

RT: 14.286 min Scan# 1904

Delta R.T. -0.000 min

Lab File: BM043996.D

Acq: 06 Feb 2024 17:39

Instrument :

BNA\_M

ClientSampleId :

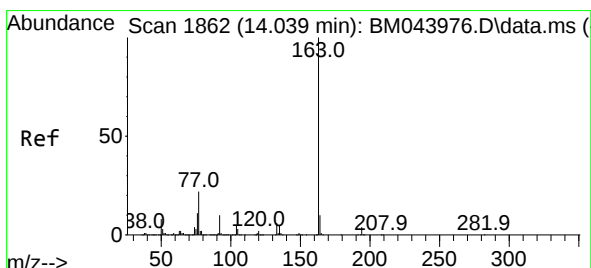
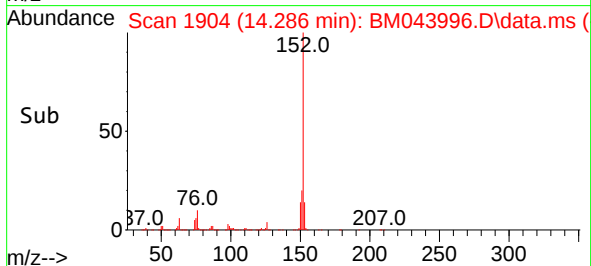
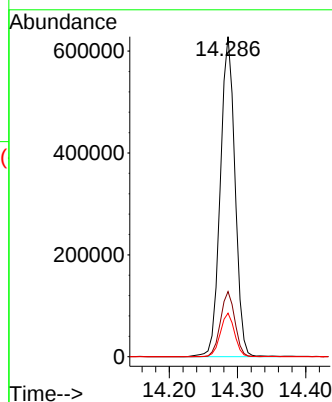
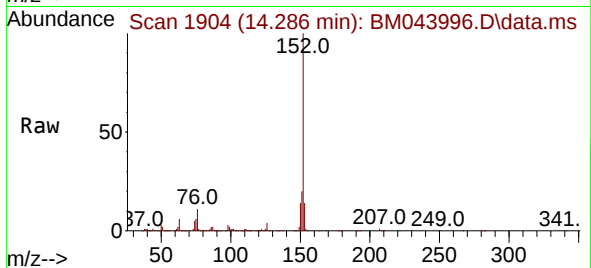
LOQ-WATER-02-QT1-2024

Tgt Ion:152 Resp: 944307  
 Ion Ratio Lower Upper  
 152 100  
 151 20.3 15.9 23.9  
 153 13.6 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024  
 Supervised By :mohammad ahmed 02/08/2024



#50

Dimethylphthalate

Concen: 10.355 ng

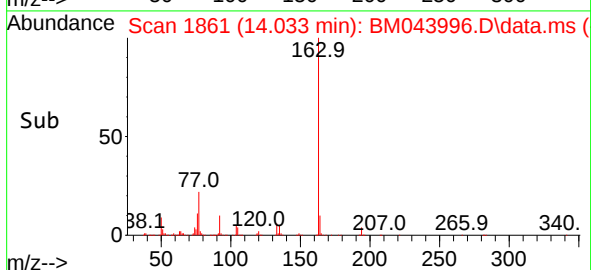
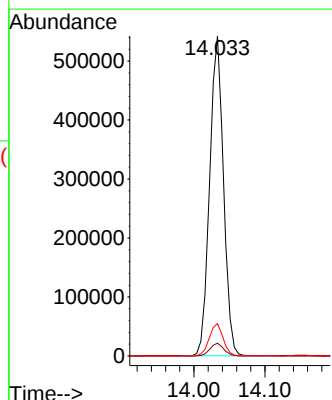
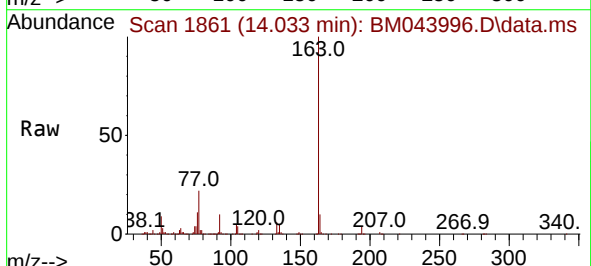
RT: 14.033 min Scan# 1861

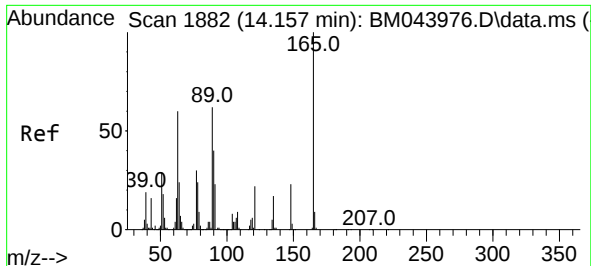
Delta R.T. -0.006 min

Lab File: BM043996.D

Acq: 06 Feb 2024 17:39

Tgt Ion:163 Resp: 734973  
 Ion Ratio Lower Upper  
 163 100  
 194 4.0 3.1 4.7  
 164 10.1 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 9.188 ng

RT: 14.151 min Scan# 1881

Delta R.T. -0.006 min

Lab File: BM043996.D

Acq: 06 Feb 2024 17:39

Instrument :

BNA\_M

ClientSampleId :

LOQ-WATER-02-QT1-2024

Tgt Ion:165 Resp: 143339

Ion Ratio Lower Upper

165 100

63 67.3 51.1 76.7

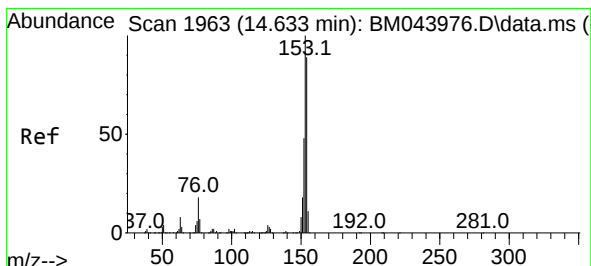
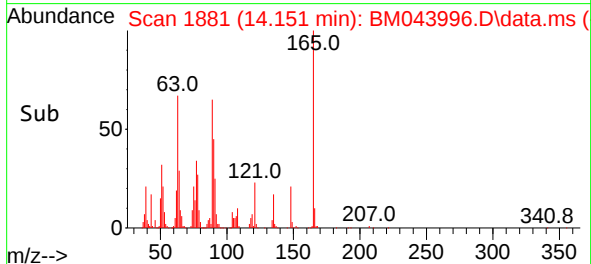
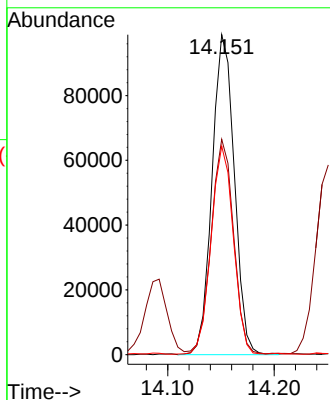
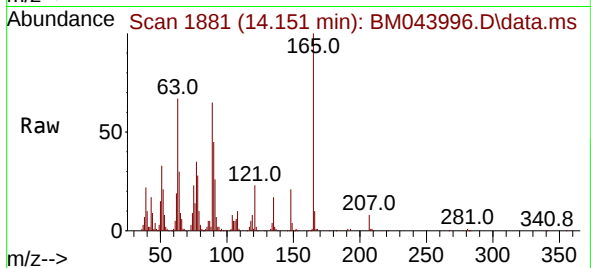
89 65.2 49.5 74.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024

Supervised By :mohammad ahmed 02/08/2024



#52

Acenaphthene

Concen: 10.155 ng

RT: 14.627 min Scan# 1962

Delta R.T. -0.006 min

Lab File: BM043996.D

Acq: 06 Feb 2024 17:39

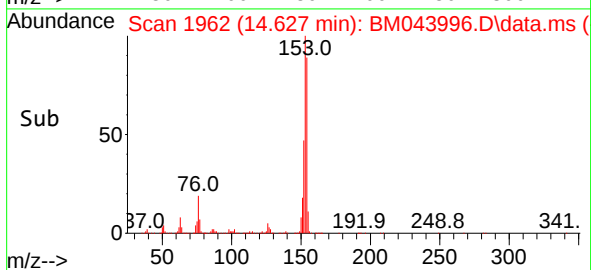
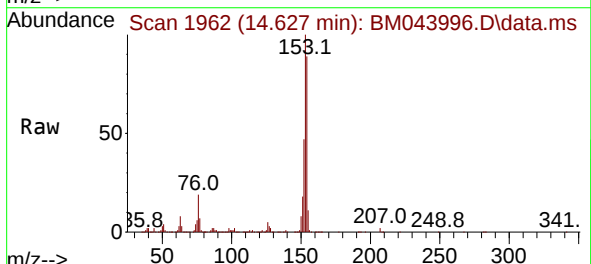
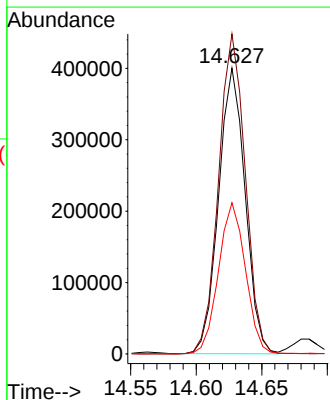
Tgt Ion:154 Resp: 563891

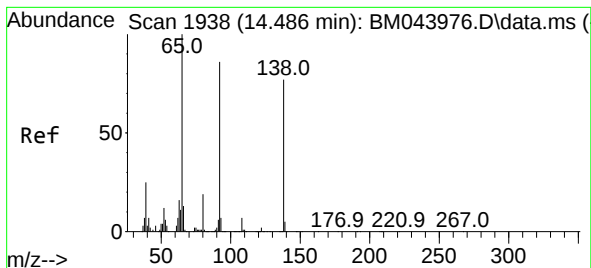
Ion Ratio Lower Upper

154 100

153 112.0 90.1 135.1

152 52.9 43.6 65.4





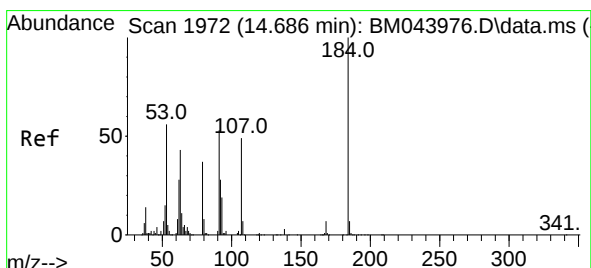
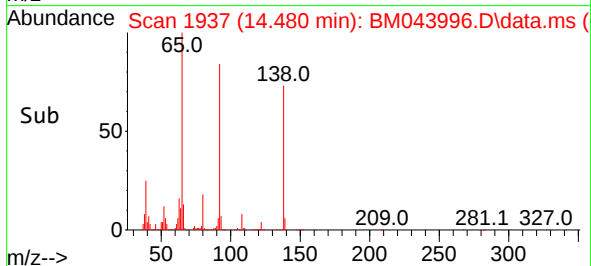
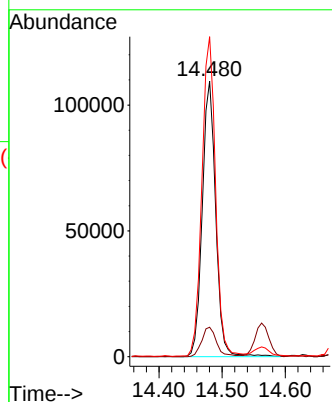
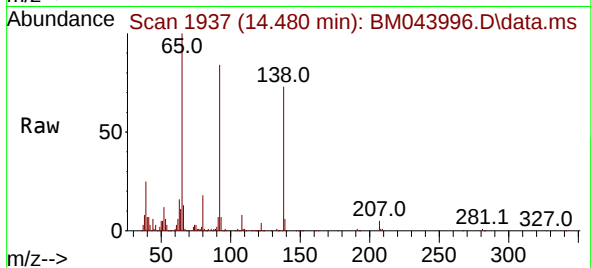
#53  
3-Nitroaniline  
Concen: 8.910 ng  
RT: 14.480 min Scan# 1938  
Delta R.T. -0.006 min  
Lab File: BM043996.D  
Acq: 06 Feb 2024 17:39

Instrument : BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT1-2024

Tgt Ion:138 Resp: 16138  
Ion Ratio Lower Upper  
138 100  
108 10.7 7.8 11.6  
92 116.2 89.7 134.5

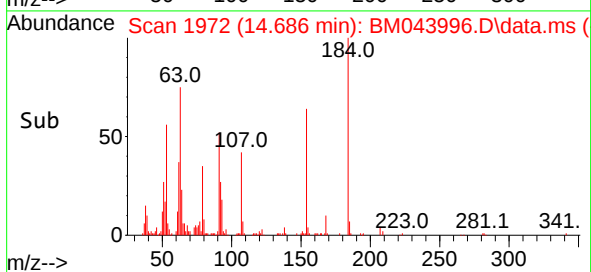
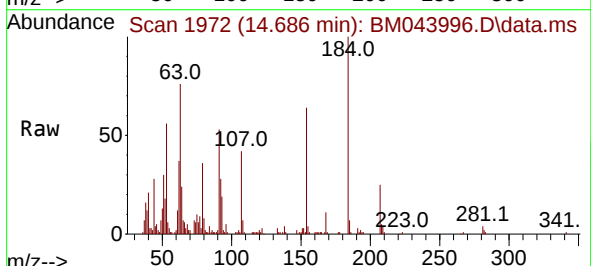
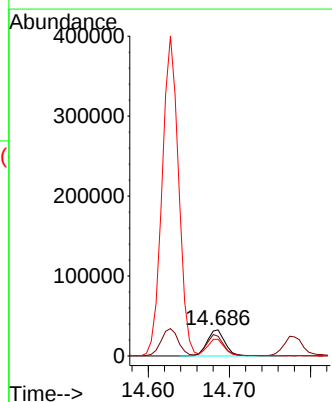
Manual Integrations  
APPROVED

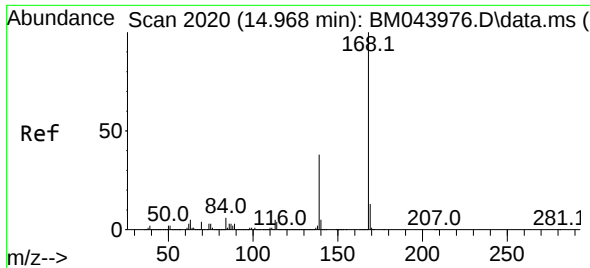
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024



#54  
2,4-Dinitrophenol  
Concen: 12.068 ng  
RT: 14.686 min Scan# 1972  
Delta R.T. 0.000 min  
Lab File: BM043996.D  
Acq: 06 Feb 2024 17:39

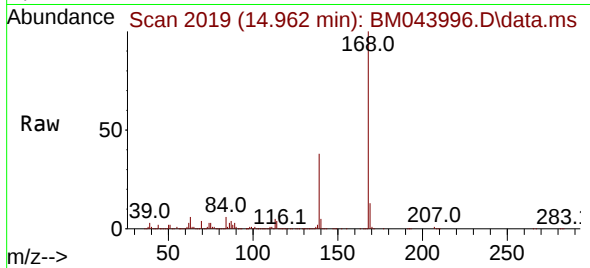
Tgt Ion:184 Resp: 49547  
Ion Ratio Lower Upper  
184 100  
63 75.8 62.8 94.2  
154 64.0 51.4 77.2





#55  
Dibenzenofuran  
Concen: 10.607 ng  
RT: 14.962 min Scan# 2020  
Delta R.T. -0.006 min  
Lab File: BM043996.D  
Acq: 06 Feb 2024 17:39

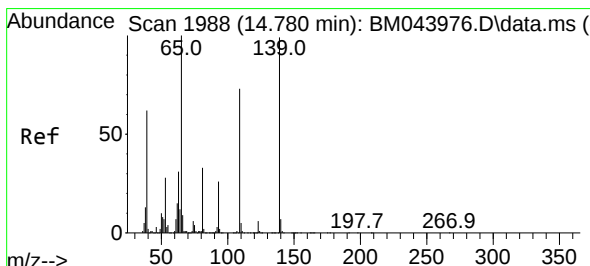
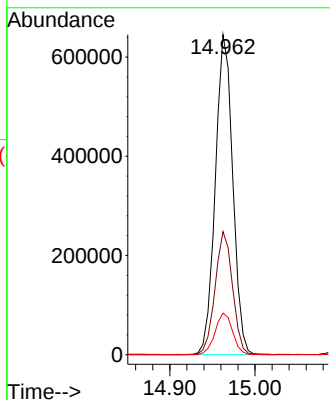
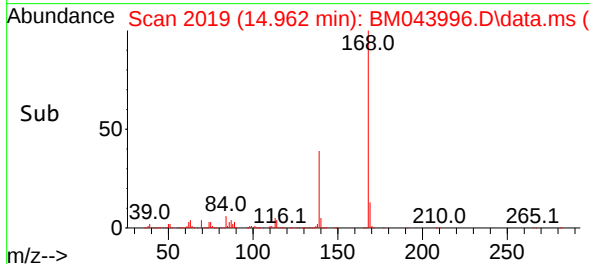
Instrument : BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT1-2024



Tgt Ion:168 Resp: 91662  
Ion Ratio Lower Upper  
168 100  
139 38.4 30.7 46.1  
169 13.0 10.5 15.7

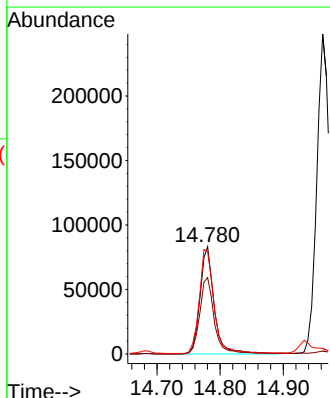
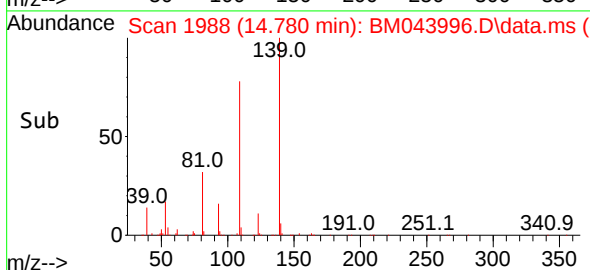
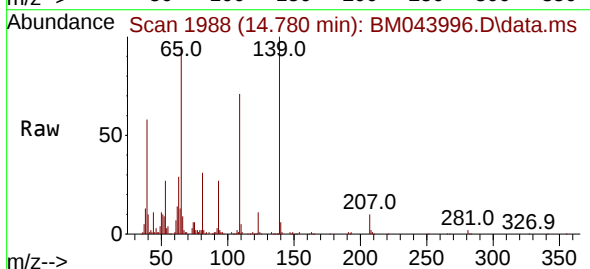
Manual Integrations  
APPROVED

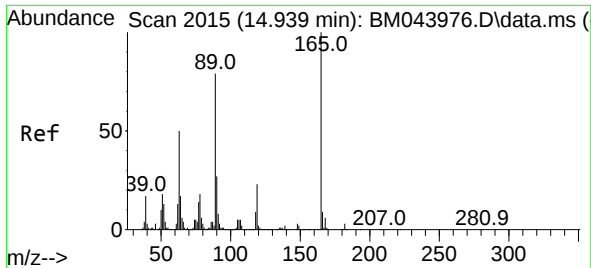
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024



#56  
4-Nitrophenol  
Concen: 8.160 ng  
RT: 14.780 min Scan# 1988  
Delta R.T. -0.000 min  
Lab File: BM043996.D  
Acq: 06 Feb 2024 17:39

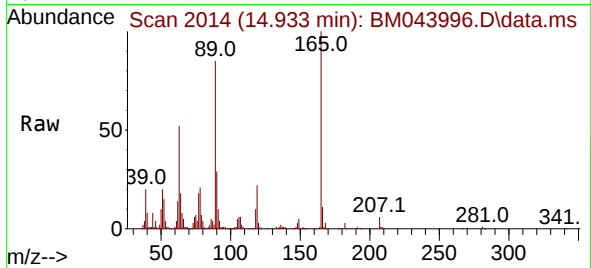
Tgt Ion:139 Resp: 129157  
Ion Ratio Lower Upper  
139 100  
109 71.2 53.2 93.2  
65 95.3 80.7 120.7





#57  
2,4-Dinitrotoluene  
Concen: 8.324 ng  
RT: 14.933 min Scan# 2015  
Delta R.T. -0.006 min  
Lab File: BM043996.D  
Acq: 06 Feb 2024 17:39

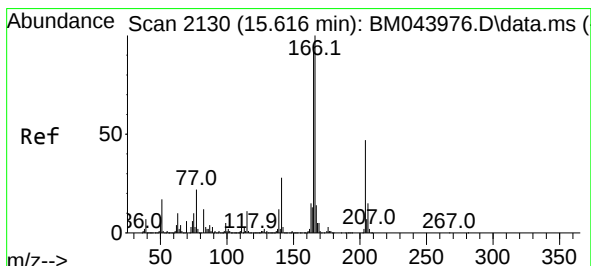
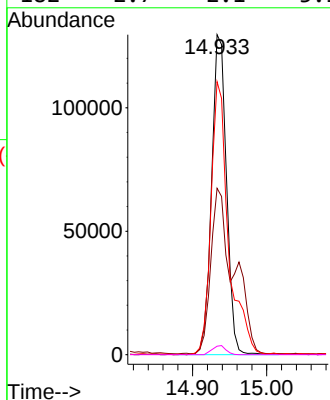
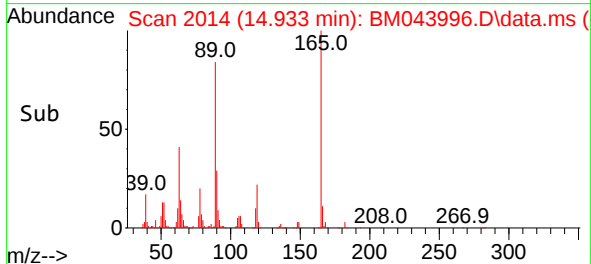
Instrument : BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT1-2024



Tgt Ion:165 Resp: 18077  
Ion Ratio Lower Upper  
165 100  
63 52.0 40.2 60.4  
89 85.3 63.3 94.9  
182 2.7 2.1 3.1

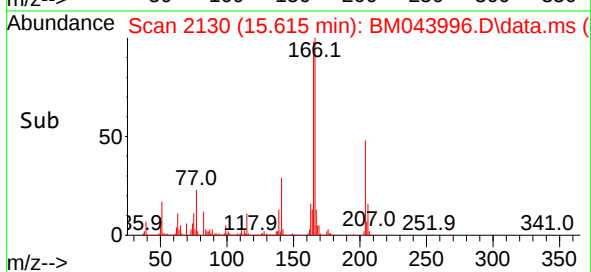
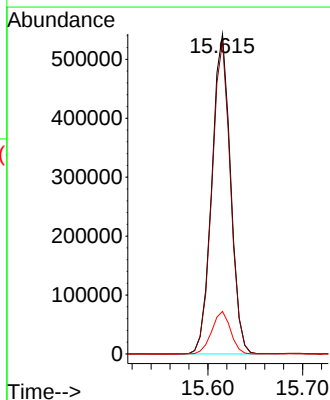
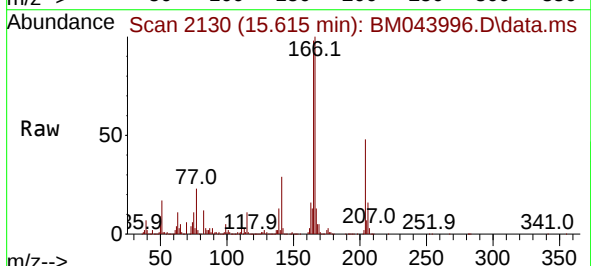
Manual Integrations  
APPROVED

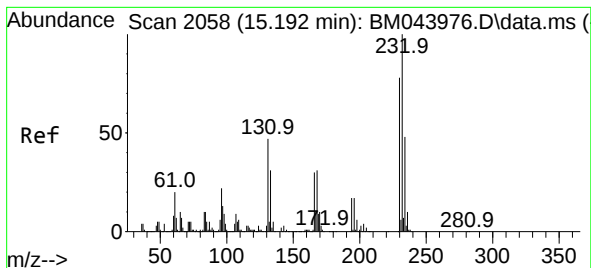
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024



#58  
Fluorene  
Concen: 10.188 ng  
RT: 15.615 min Scan# 2130  
Delta R.T. -0.000 min  
Lab File: BM043996.D  
Acq: 06 Feb 2024 17:39

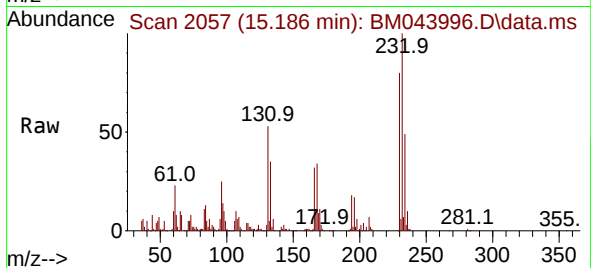
Tgt Ion:166 Resp: 743528  
Ion Ratio Lower Upper  
166 100  
165 97.6 76.3 114.5  
167 13.3 10.9 16.3





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 9.793 ng  
RT: 15.186 min Scan# 2057  
Delta R.T. -0.006 min  
Lab File: BM043996.D  
Acq: 06 Feb 2024 17:39

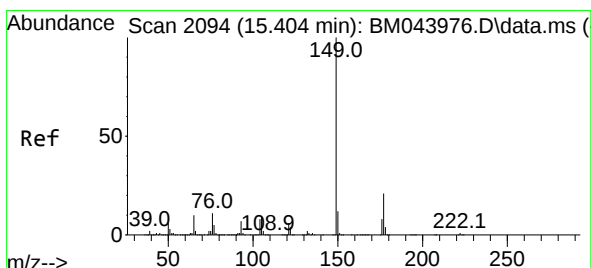
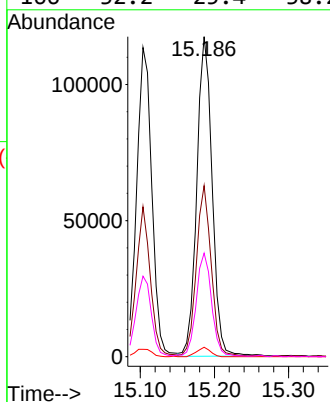
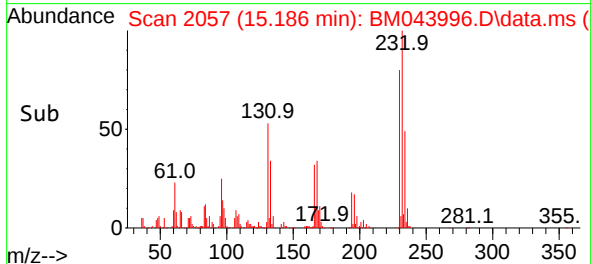
Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT1-2024



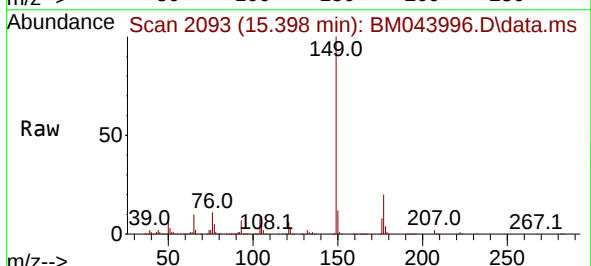
Tgt Ion:232 Resp: 168690  
Ion Ratio Lower Upper  
232 100  
131 51.4 39.8 59.6  
130 2.6 2.0 3.0  
166 32.2 25.4 38.2

Manual Integrations  
APPROVED

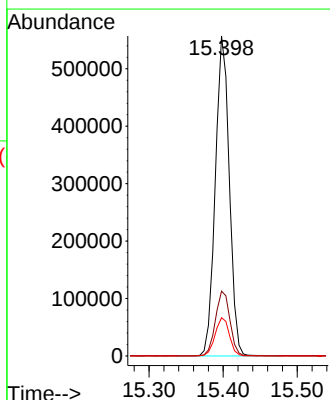
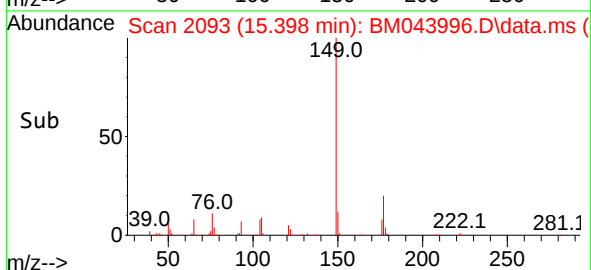
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024

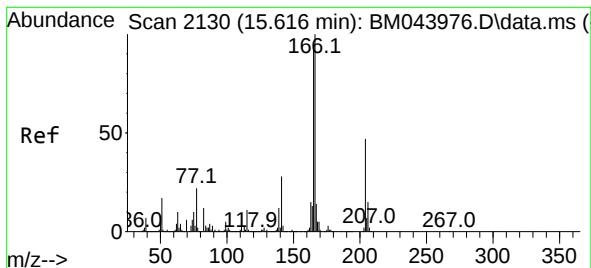


#60  
Diethylphthalate  
Concen: 9.941 ng  
RT: 15.398 min Scan# 2093  
Delta R.T. -0.006 min  
Lab File: BM043996.D  
Acq: 06 Feb 2024 17:39



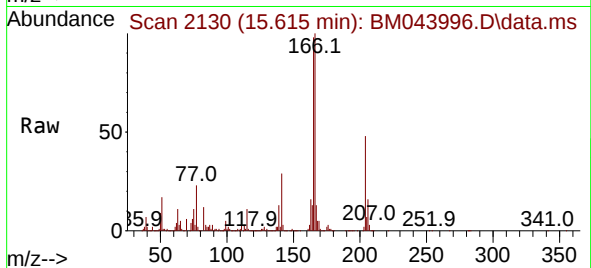
Tgt Ion:149 Resp: 730392  
Ion Ratio Lower Upper  
149 100  
177 20.2 17.1 25.7  
150 11.9 9.8 14.6





#61  
4-Chlorophenyl-phenylether  
Concen: 10.328 ng  
RT: 15.615 min Scan# 2130  
Delta R.T. -0.000 min  
Lab File: BM043996.D  
Acq: 06 Feb 2024 17:39

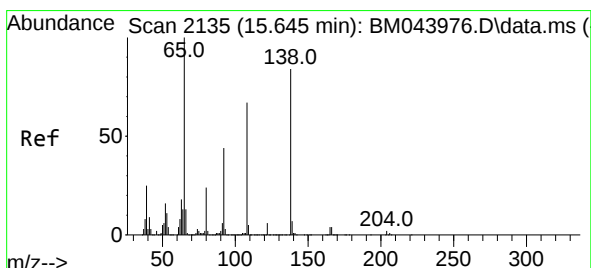
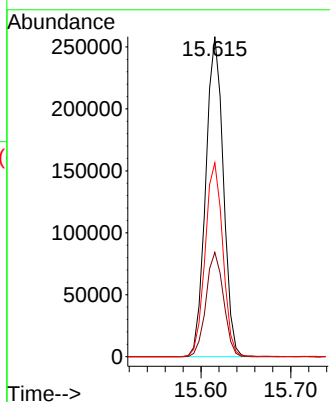
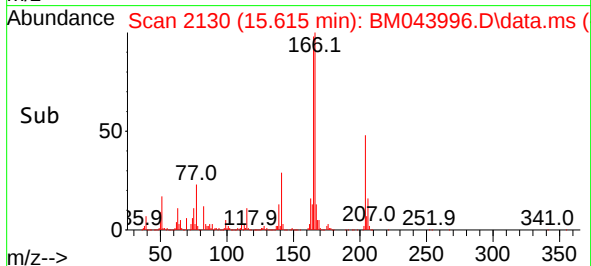
Instrument : BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT1-2024



Tgt Ion:204 Resp: 35163  
Ion Ratio Lower Upper  
204 100  
206 32.6 26.2 39.2  
141 60.6 48.6 72.8

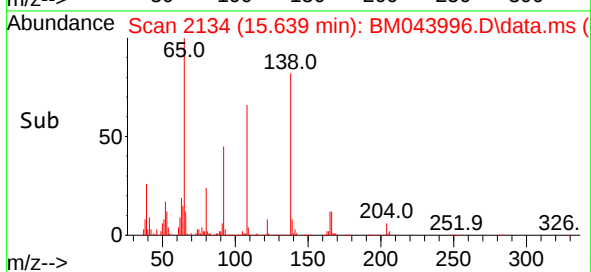
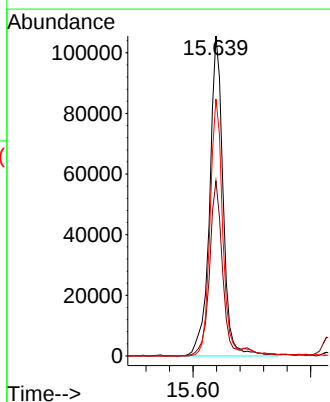
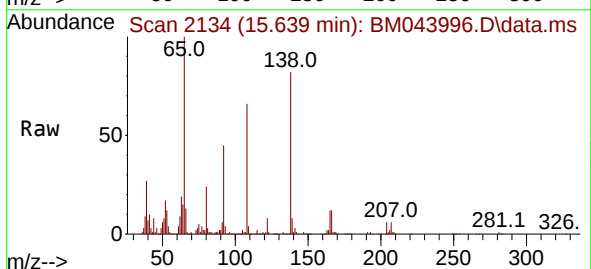
Manual Integrations  
APPROVED

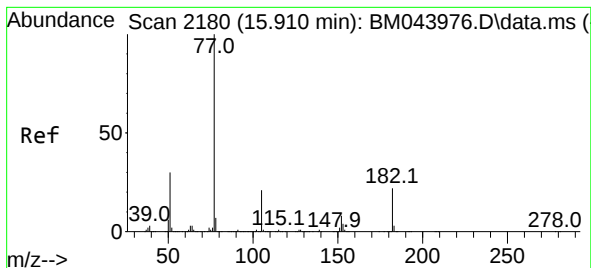
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024



#62  
4-Nitroaniline  
Concen: 8.504 ng  
RT: 15.639 min Scan# 2134  
Delta R.T. -0.006 min  
Lab File: BM043996.D  
Acq: 06 Feb 2024 17:39

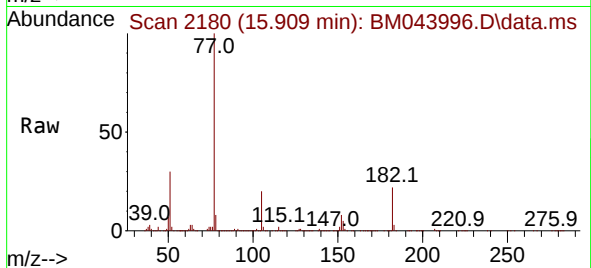
Tgt Ion:138 Resp: 168397  
Ion Ratio Lower Upper  
138 100  
92 54.7 32.7 72.7  
108 80.3 60.0 100.0





#63  
Azobenzene  
Concen: 10.161 ng  
RT: 15.909 min Scan# 2180  
Delta R.T. -0.000 min  
Lab File: BM043996.D  
Acq: 06 Feb 2024 17:39

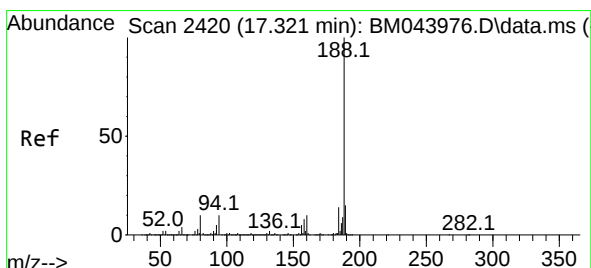
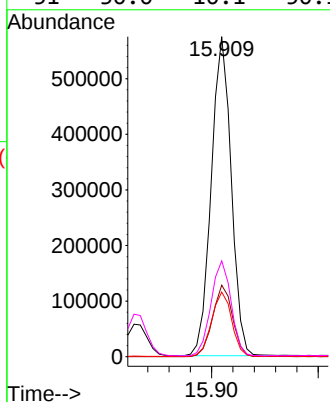
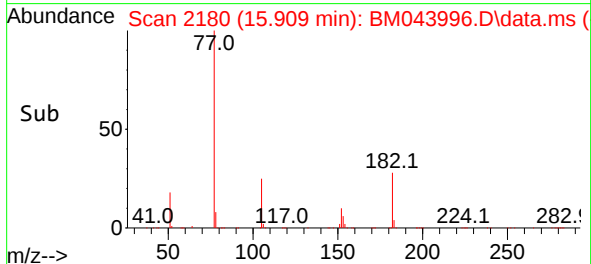
Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT1-2024



Tgt Ion: 77 Resp: 745659  
Ion Ratio Lower Upper  
77 100  
182 22.3 2.0 42.0  
105 20.2 0.5 40.5  
51 30.0 10.1 50.1

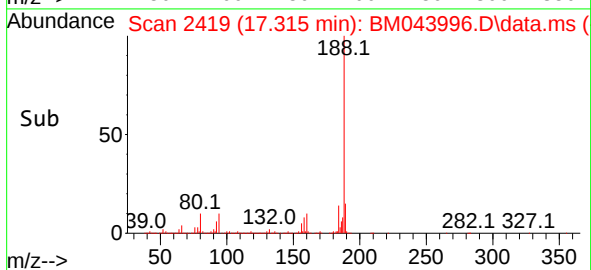
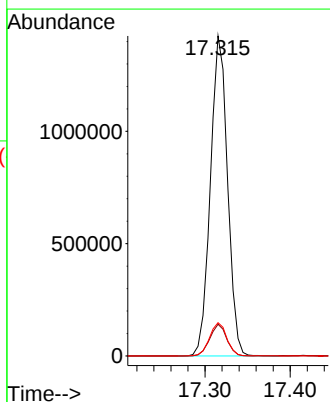
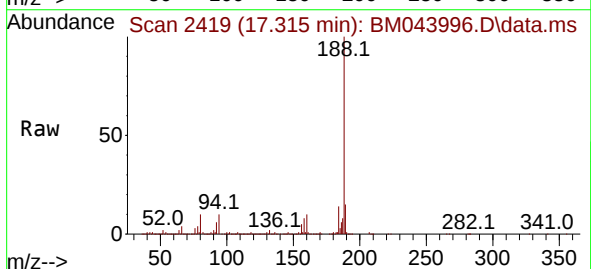
Manual Integrations  
APPROVED

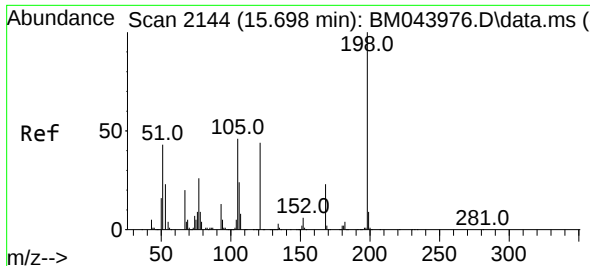
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.315 min Scan# 2419  
Delta R.T. -0.006 min  
Lab File: BM043996.D  
Acq: 06 Feb 2024 17:39

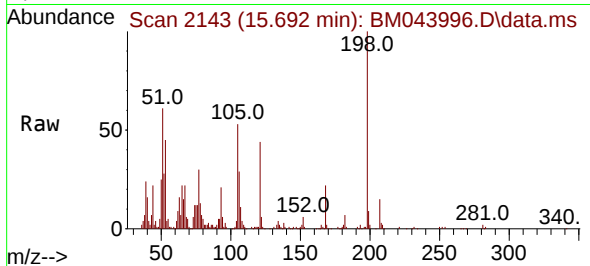
Tgt Ion:188 Resp: 1997399  
Ion Ratio Lower Upper  
188 100  
94 9.9 7.7 11.5  
80 10.4 8.2 12.4





#65  
4,6-Dinitro-2-methylphenol  
Concen: 11.552 ng  
RT: 15.692 min Scan# 2143  
Delta R.T. -0.006 min  
Lab File: BM043996.D  
Acq: 06 Feb 2024 17:39

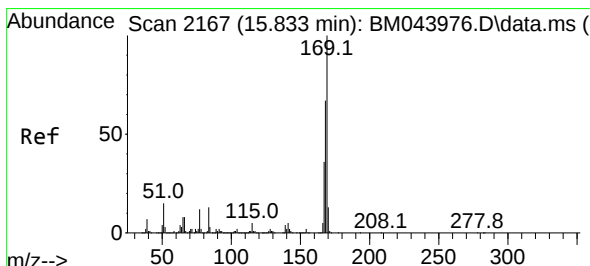
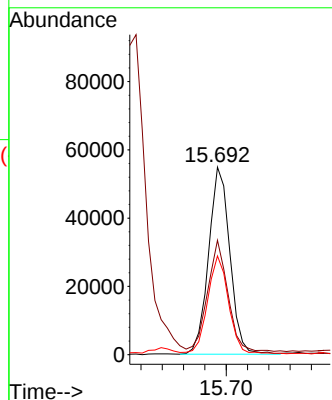
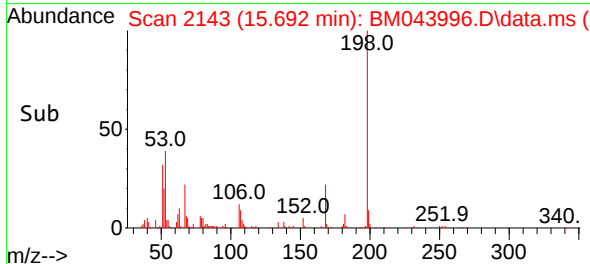
Instrument : BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT1-2024



Tgt Ion:198 Resp: 75882  
Ion Ratio Lower Upper  
198 100  
51 61.0 31.9 71.9  
105 52.7 28.1 68.1

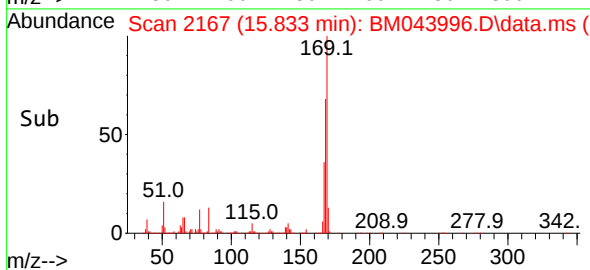
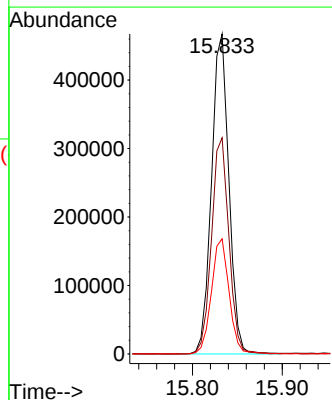
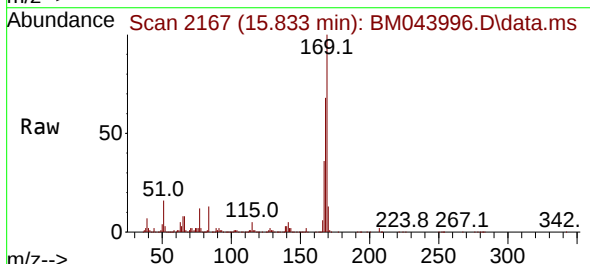
Manual Integrations  
APPROVED

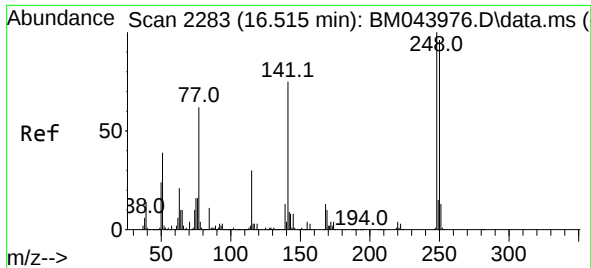
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024



#66  
n-Nitrosodiphenylamine  
Concen: 10.545 ng  
RT: 15.833 min Scan# 2167  
Delta R.T. -0.000 min  
Lab File: BM043996.D  
Acq: 06 Feb 2024 17:39

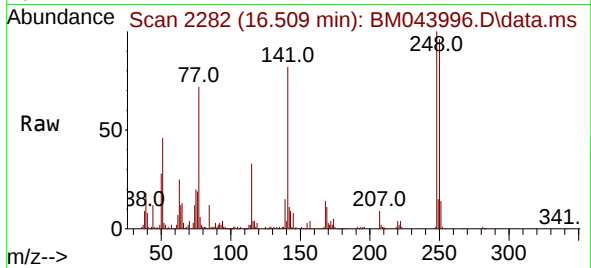
Tgt Ion:169 Resp: 627394  
Ion Ratio Lower Upper  
169 100  
168 67.6 53.4 80.2  
167 36.0 29.0 43.4





#67  
4-Bromophenyl-phenylether  
Concen: 6.562 ng  
RT: 16.509 min Scan# 2282  
Delta R.T. -0.006 min  
Lab File: BM043996.D  
Acq: 06 Feb 2024 17:39

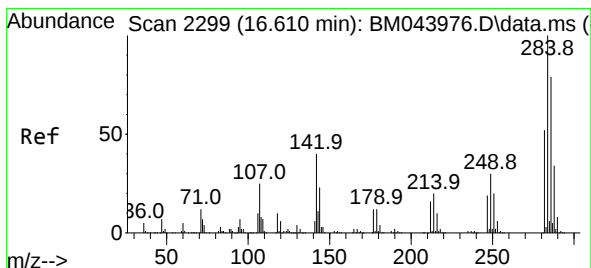
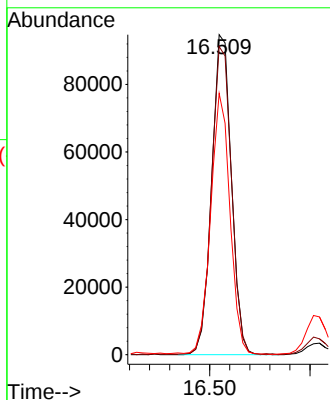
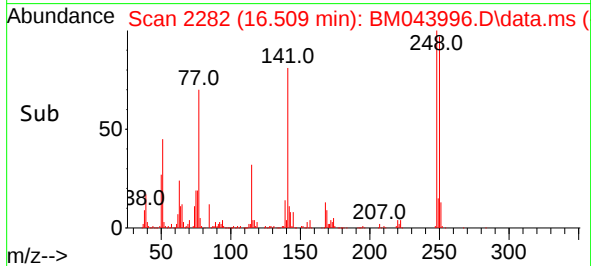
Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT1-2024



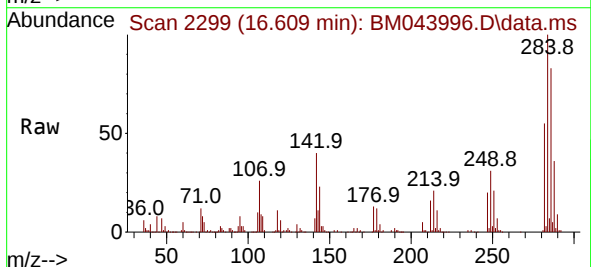
Tgt Ion:248 Resp: 12911  
Ion Ratio Lower Upper  
248 100  
250 96.3 77.0 115.4  
141 81.7 59.9 89.9

Manual Integrations  
APPROVED

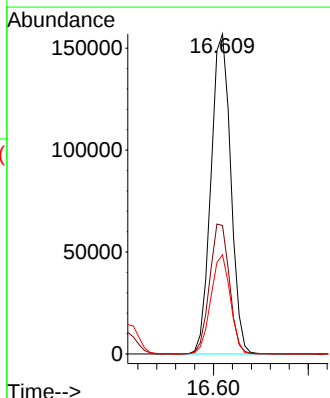
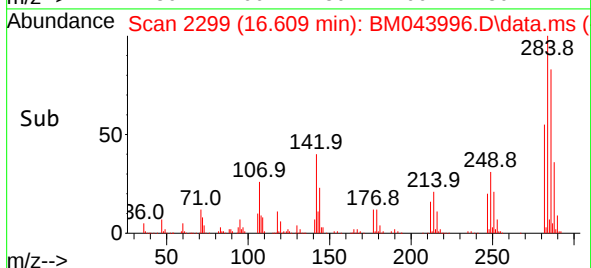
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024

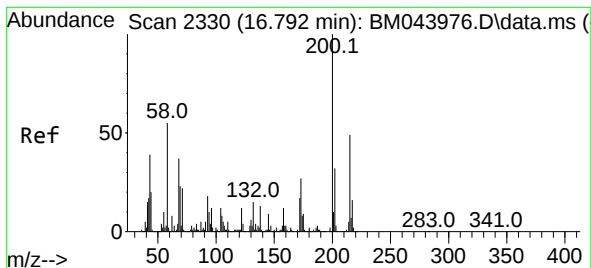


#68  
Hexachlorobenzene  
Concen: 9.704 ng  
RT: 16.609 min Scan# 2299  
Delta R.T. -0.000 min  
Lab File: BM043996.D  
Acq: 06 Feb 2024 17:39



Tgt Ion:284 Resp: 227657  
Ion Ratio Lower Upper  
284 100  
142 40.2 32.2 48.4  
249 31.0 24.4 36.6





#69

Atrazine

Concen: 12.254 ng

RT: 16.792 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM043996.D

Acq: 06 Feb 2024 17:39

Instrument :

BNA\_M

ClientSampleId :

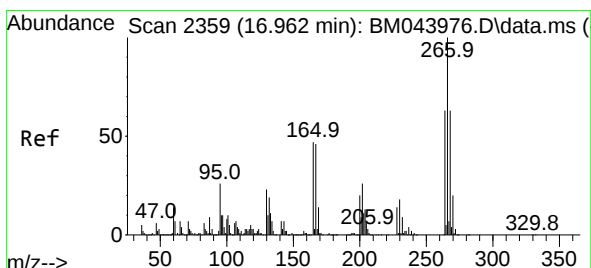
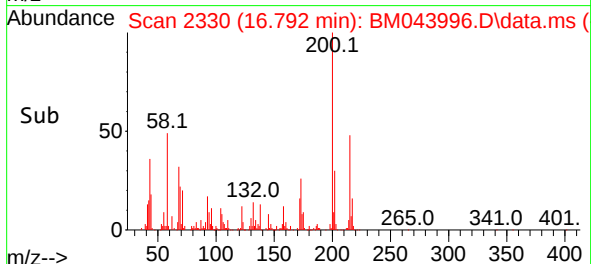
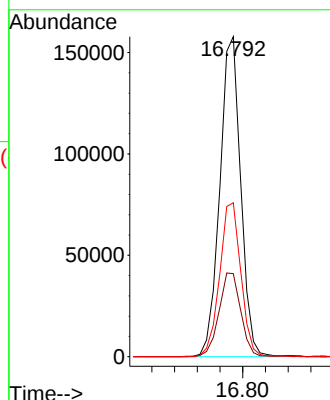
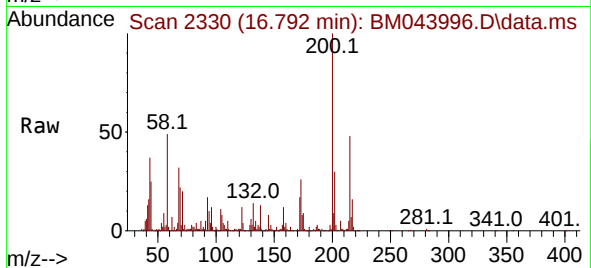
LOQ-WATER-02-QT1-2024

Tgt Ion:200 Resp: 201704  
 Ion Ratio Lower Upper  
 200 100  
 173 26.0 7.3 47.3  
 215 48.1 28.7 68.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024  
 Supervised By :mohammad ahmed 02/08/2024



#70

Pentachlorophenol

Concen: 7.714 ng

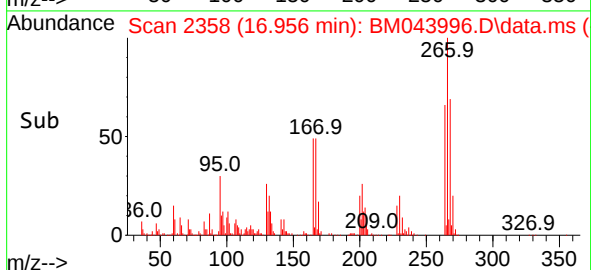
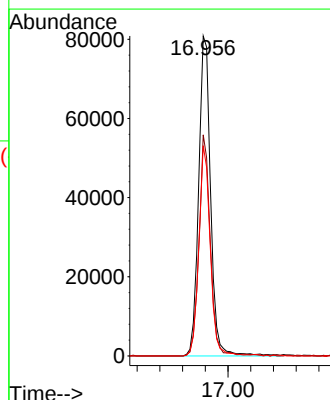
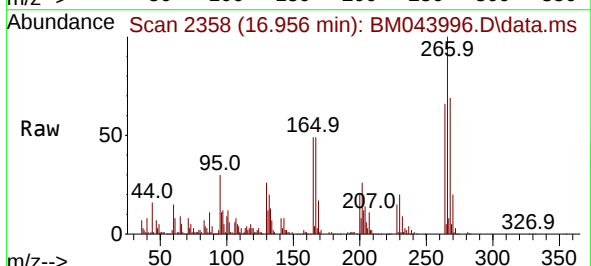
RT: 16.956 min Scan# 2358

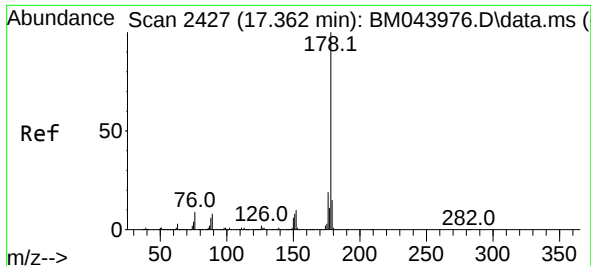
Delta R.T. -0.006 min

Lab File: BM043996.D

Acq: 06 Feb 2024 17:39

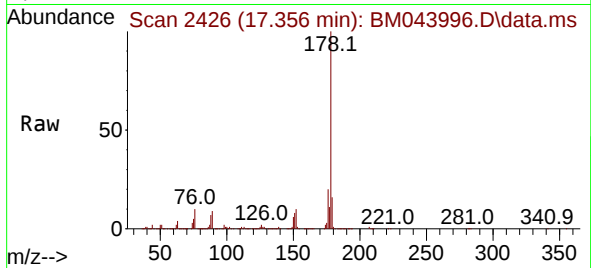
Tgt Ion:266 Resp: 118830  
 Ion Ratio Lower Upper  
 266 100  
 268 69.1 50.6 76.0  
 264 65.7 50.6 76.0





#71  
Phenanthrene  
Concen: 10.520 ng  
RT: 17.356 min Scan# 2426  
Delta R.T. -0.006 min  
Lab File: BM043996.D  
Acq: 06 Feb 2024 17:39

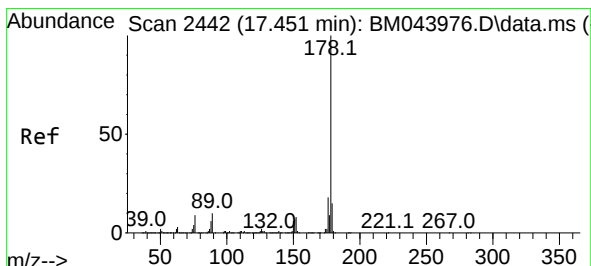
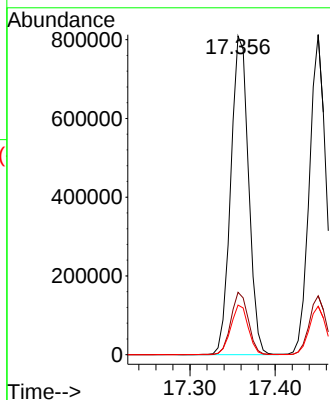
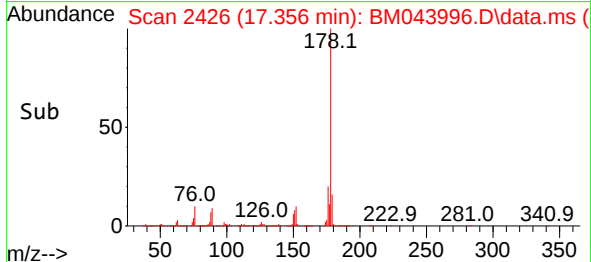
Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT1-2024



Tgt Ion:178 Resp: 1170338  
Ion Ratio Lower Upper  
178 100  
176 19.6 15.3 22.9  
179 15.6 12.4 18.6

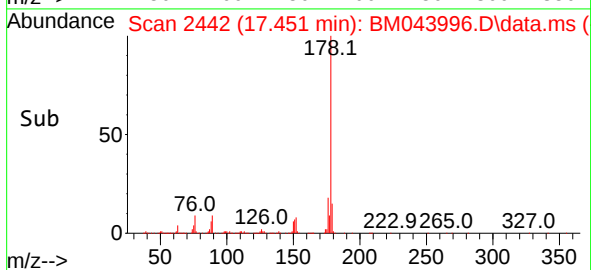
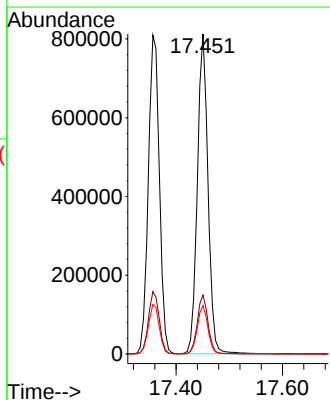
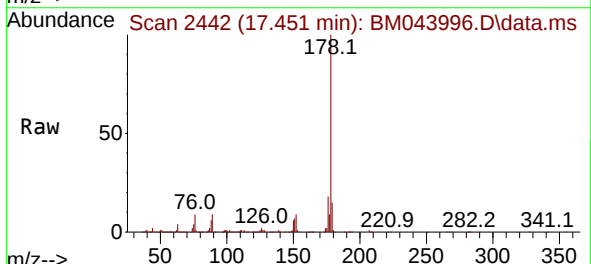
Manual Integrations  
APPROVED

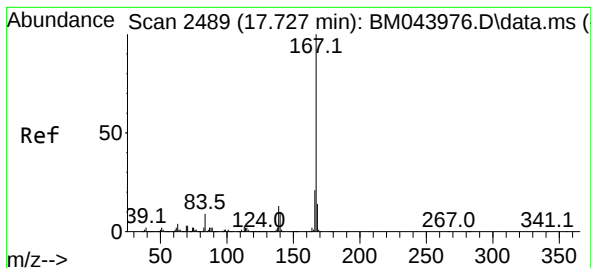
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024



#72  
Anthracene  
Concen: 10.314 ng  
RT: 17.451 min Scan# 2442  
Delta R.T. -0.000 min  
Lab File: BM043996.D  
Acq: 06 Feb 2024 17:39

Tgt Ion:178 Resp: 1123341  
Ion Ratio Lower Upper  
178 100  
176 18.4 14.6 22.0  
179 15.2 12.2 18.4





#73

Carbazole

Concen: 9.585 ng

RT: 17.727 min Scan# 2489

Delta R.T. -0.000 min

Lab File: BM043996.D

Acq: 06 Feb 2024 17:39

Instrument :

BNA\_M

ClientSampleId :

LOQ-WATER-02-QT1-2024

Tgt Ion:167 Resp: 108116

Ion Ratio Lower Upper

167 100

166 21.6 17.1 25.7

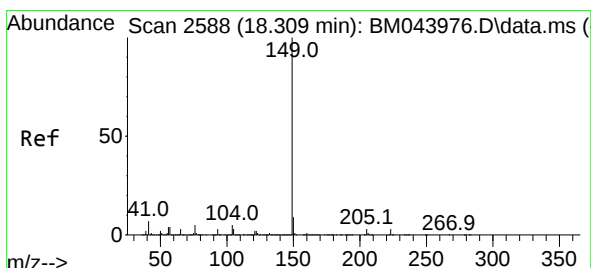
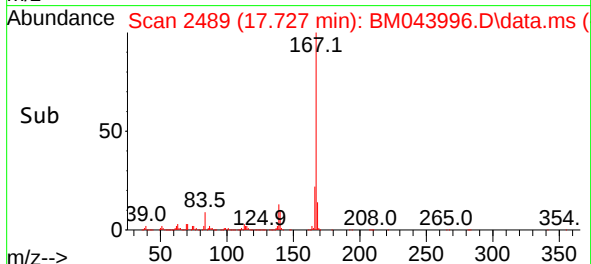
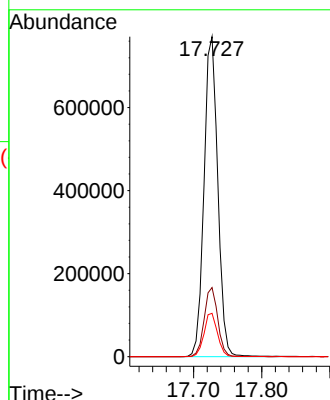
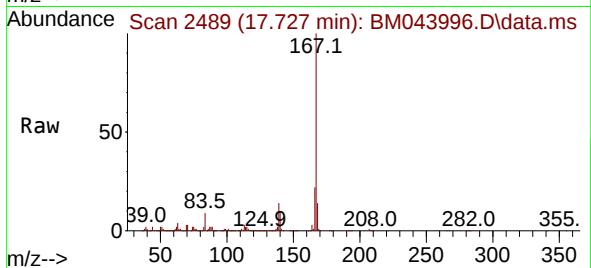
139 13.5 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024

Supervised By :mohammad ahmed 02/08/2024



#74

Di-n-butylphthalate

Concen: 9.745 ng

RT: 18.303 min Scan# 2587

Delta R.T. -0.006 min

Lab File: BM043996.D

Acq: 06 Feb 2024 17:39

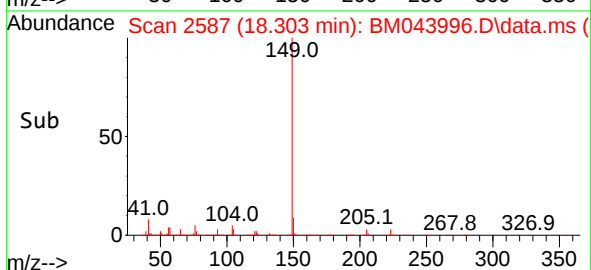
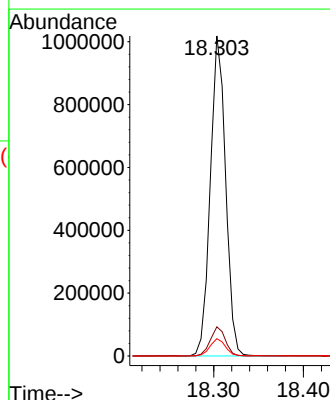
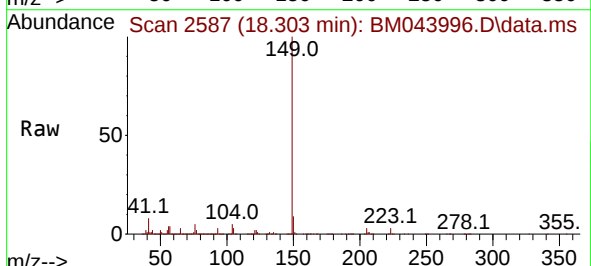
Tgt Ion:149 Resp: 1205537

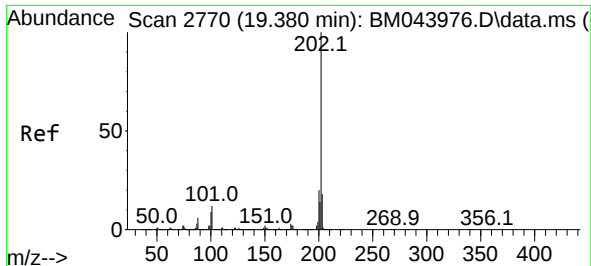
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.0

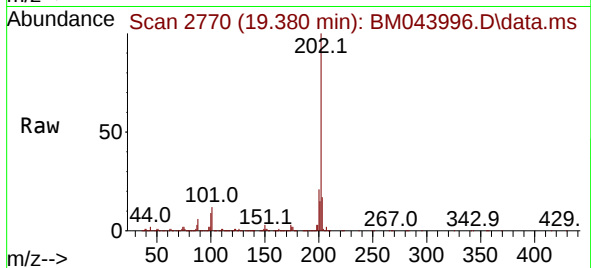
104 5.4 4.1 6.1





#75  
Fluoranthene  
Concen: 9.509 ng  
RT: 19.380 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BM043996.D  
Acq: 06 Feb 2024 17:39

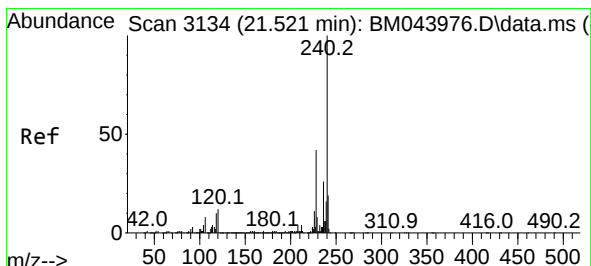
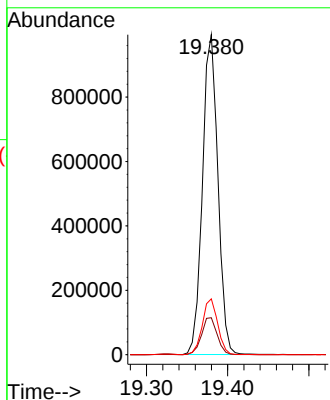
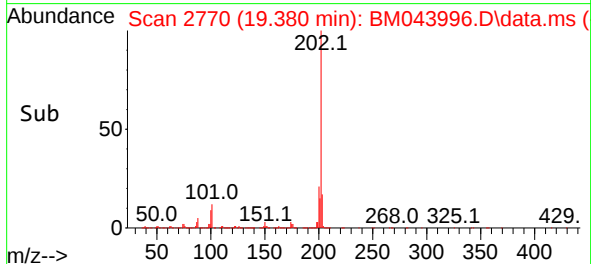
Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT1-2024



Tgt Ion:202 Resp: 1308274  
Ion Ratio Lower Upper  
202 100  
101 11.5 0.0 31.9  
203 17.4 0.0 37.6

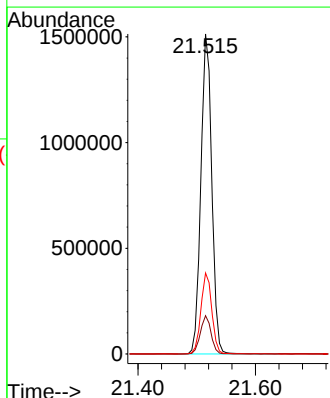
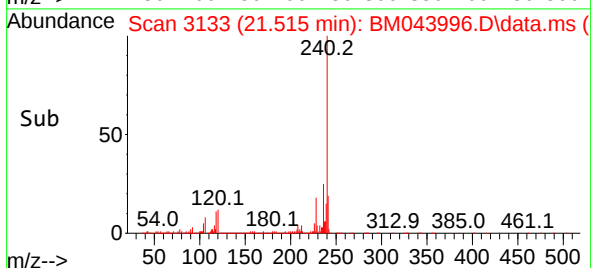
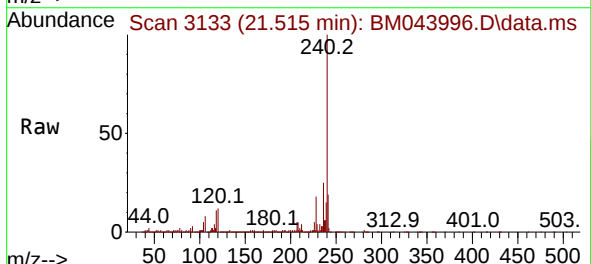
Manual Integrations  
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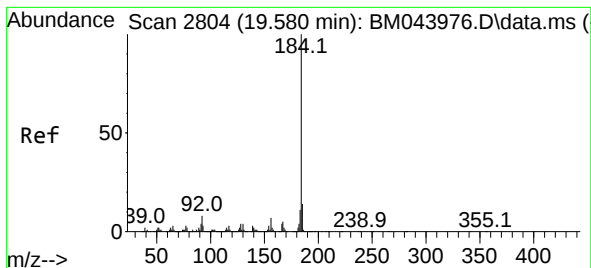
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.515 min Scan# 3133  
Delta R.T. -0.006 min  
Lab File: BM043996.D  
Acq: 06 Feb 2024 17:39

Tgt Ion:240 Resp: 1941833  
Ion Ratio Lower Upper  
240 100  
120 11.9 9.3 13.9  
236 25.3 20.5 30.7





#77

Benzidine

Concen: 20.704 ng

RT: 19.580 min Scan# 2804

Delta R.T. -0.000 min

Lab File: BM043996.D

Acq: 06 Feb 2024 17:39

Instrument :

BNA\_M

ClientSampleId :

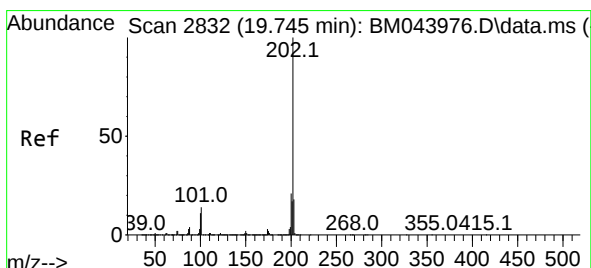
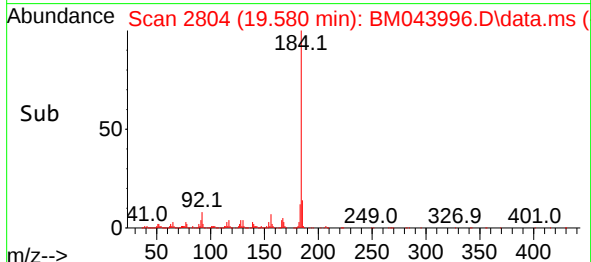
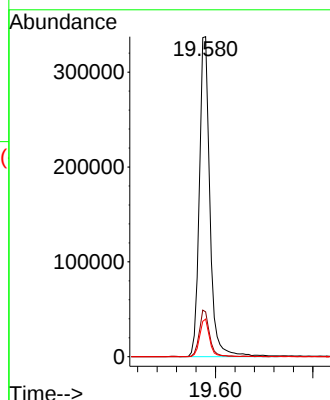
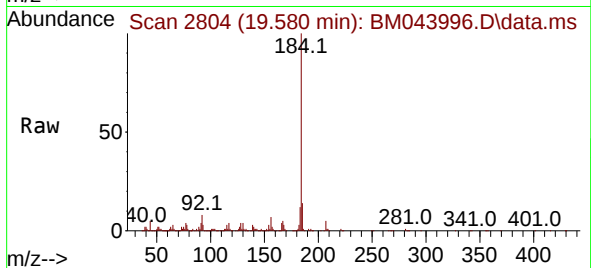
LOQ-WATER-02-QT1-2024

Tgt Ion:184 Resp: 51088  
 Ion Ratio Lower Upper  
 184 100  
 185 14.0 11.5 17.3  
 183 11.7 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024  
 Supervised By :mohammad ahmed 02/08/2024



#78

Pyrene

Concen: 10.537 ng

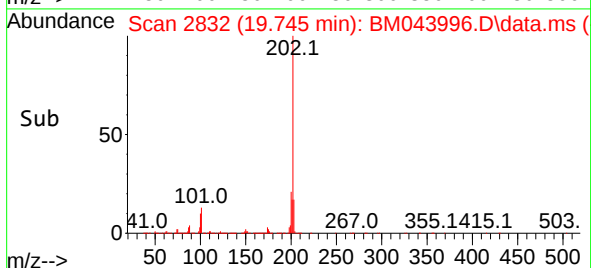
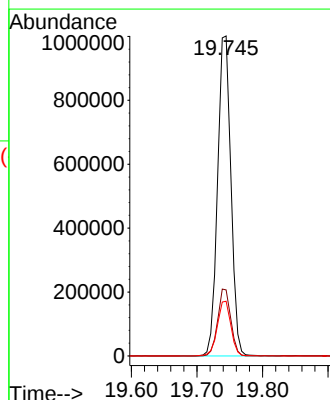
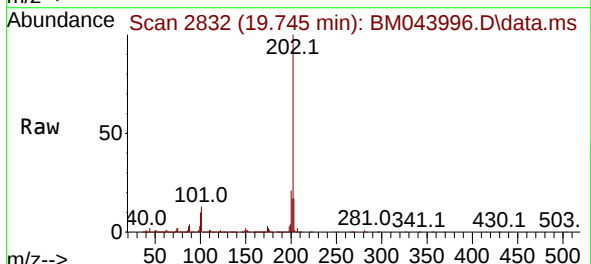
RT: 19.745 min Scan# 2832

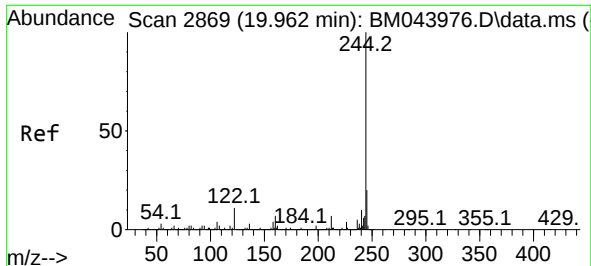
Delta R.T. -0.000 min

Lab File: BM043996.D

Acq: 06 Feb 2024 17:39

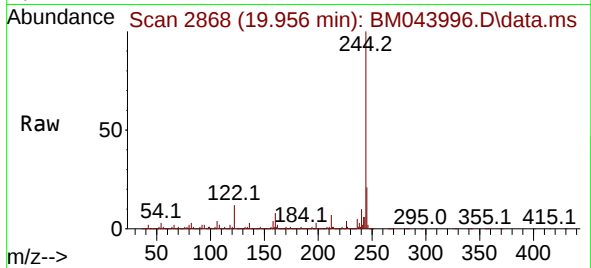
Tgt Ion:202 Resp: 1406450  
 Ion Ratio Lower Upper  
 202 100  
 200 20.7 16.8 25.2  
 203 17.1 14.2 21.4





#79  
 Terphenyl-d14  
 Concen: 95.948 ng  
 RT: 19.956 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BM043996.D  
 Acq: 06 Feb 2024 17:39

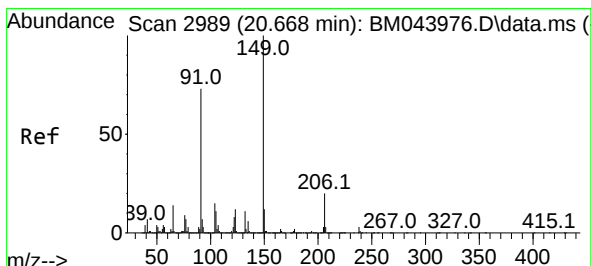
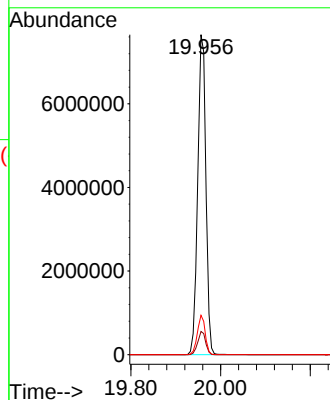
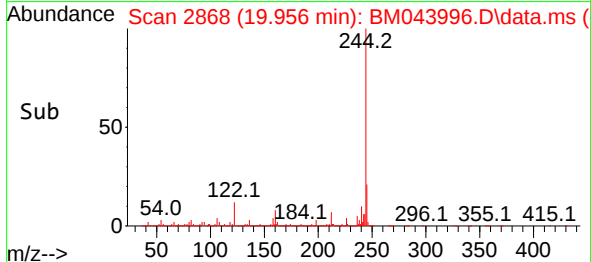
Instrument :  
 BNA\_M  
 ClientSampleId :  
 LOQ-WATER-02-QT1-2024



Tgt Ion:244 Resp: 965149  
 Ion Ratio Lower Upper  
 244 100  
 212 7.3 5.5 8.3  
 122 12.3 8.7 13.1

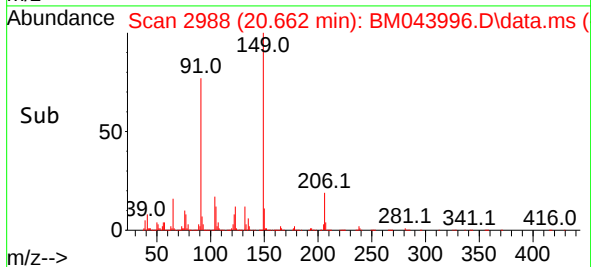
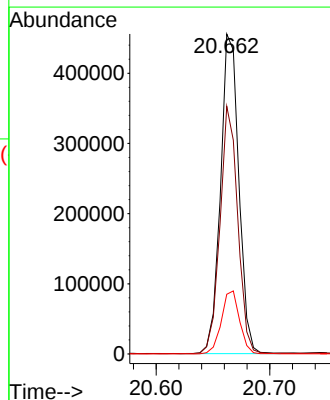
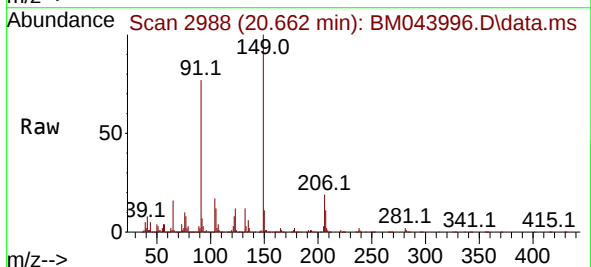
Manual Integrations  
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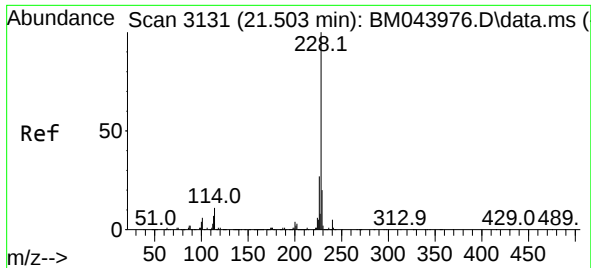
Reviewed By :Jagrut Upadhyay 02/07/2024  
 Supervised By :mohammad ahmed 02/08/2024



#80  
 Butylbenzylphthalate  
 Concen: 9.654 ng  
 RT: 20.662 min Scan# 2988  
 Delta R.T. -0.006 min  
 Lab File: BM043996.D  
 Acq: 06 Feb 2024 17:39

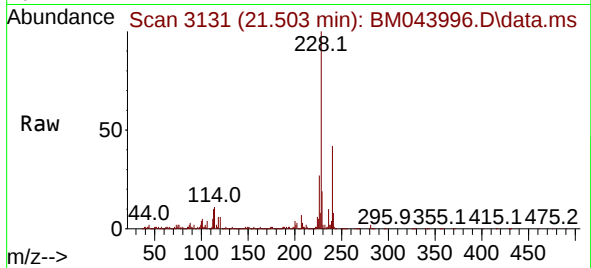
Tgt Ion:149 Resp: 510250  
 Ion Ratio Lower Upper  
 149 100  
 91 77.4 58.4 87.6  
 206 18.7 15.8 23.6





#81  
Benzo(a)anthracene  
Concen: 10.396 ng  
RT: 21.503 min Scan# 3131  
Delta R.T. -0.000 min  
Lab File: BM043996.D  
Acq: 06 Feb 2024 17:39

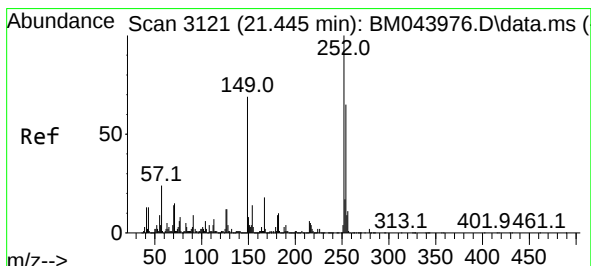
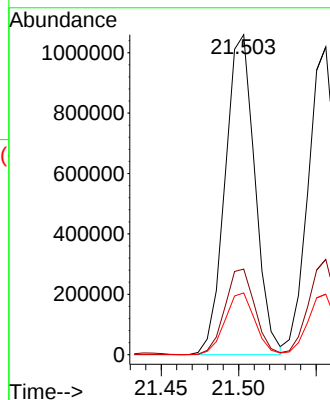
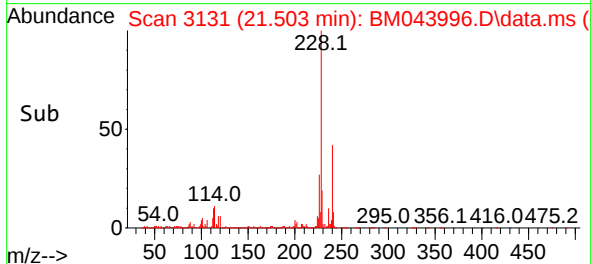
Instrument : BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT1-2024



Tgt Ion:228 Resp: 1416249  
Ion Ratio Lower Upper  
228 100  
226 26.8 21.8 32.8  
229 19.3 16.1 24.1

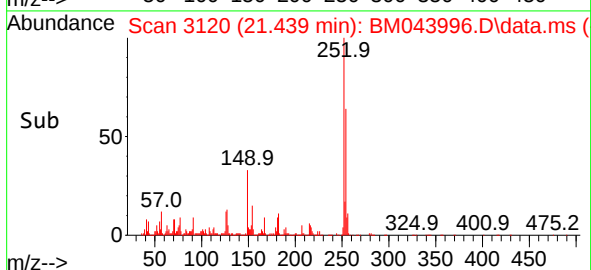
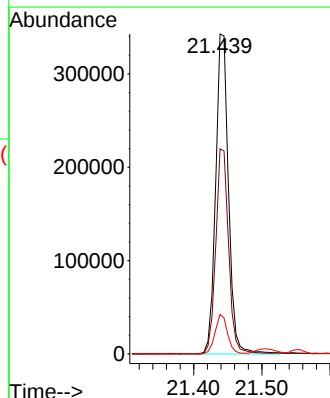
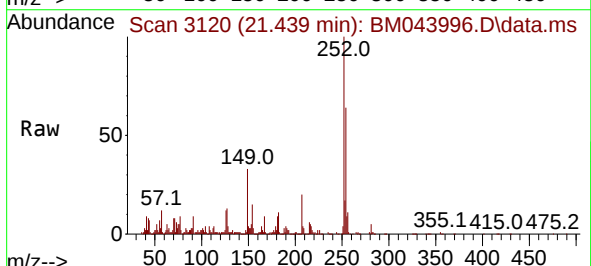
Manual Integrations  
APPROVED

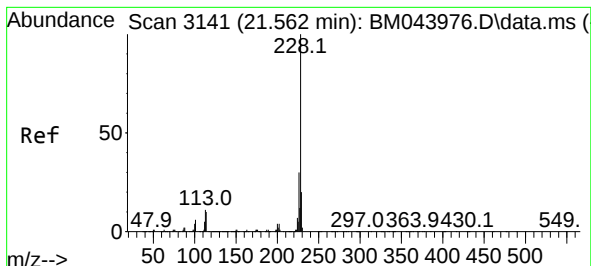
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024



#82  
3,3'-Dichlorobenzidine  
Concen: 10.340 ng  
RT: 21.439 min Scan# 3120  
Delta R.T. -0.006 min  
Lab File: BM043996.D  
Acq: 06 Feb 2024 17:39

Tgt Ion:252 Resp: 450395  
Ion Ratio Lower Upper  
252 100  
254 64.1 51.6 77.4  
126 12.4 9.4 14.2





#83

Chrysene

Concen: 10.162 ng

RT: 21.556 min Scan# 3141

Delta R.T. -0.006 min

Lab File: BM043996.D

Acq: 06 Feb 2024 17:39

Instrument :

BNA\_M

ClientSampleId :

LOQ-WATER-02-QT1-2024

Tgt Ion:228 Resp: 132624

Ion Ratio Lower Upper

228 100

226 31.0 24.2 36.4

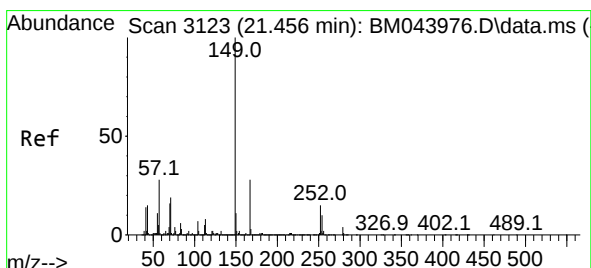
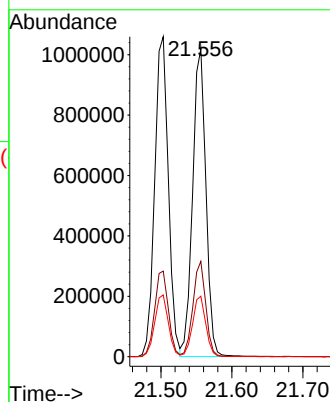
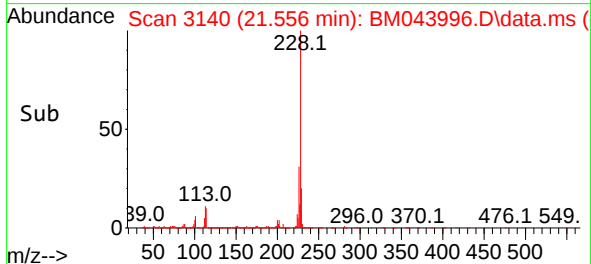
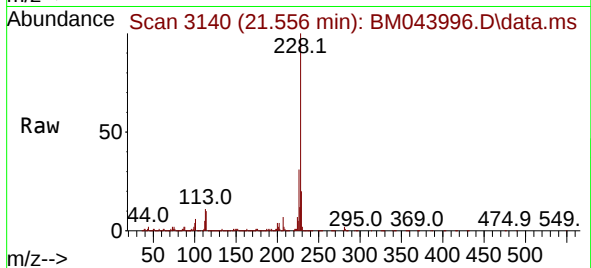
229 19.7 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024

Supervised By :mohammad ahmed 02/08/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 10.136 ng

RT: 21.450 min Scan# 3122

Delta R.T. -0.006 min

Lab File: BM043996.D

Acq: 06 Feb 2024 17:39

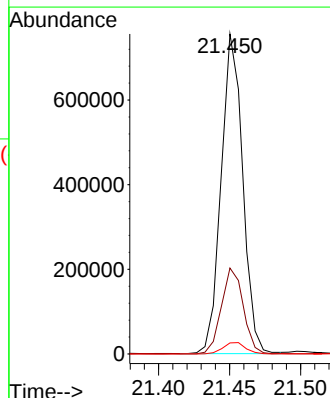
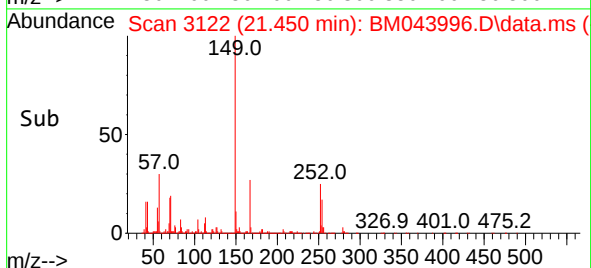
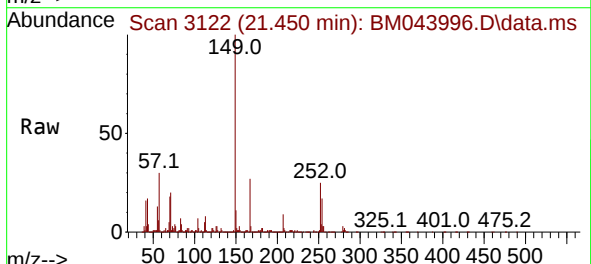
Tgt Ion:149 Resp: 796696

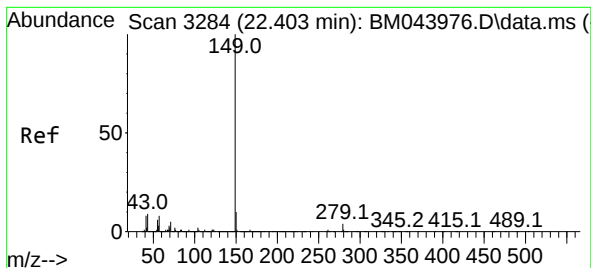
Ion Ratio Lower Upper

149 100

167 26.8 22.0 33.0

279 3.5 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 12.534 ng

RT: 22.397 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM043996.D

Acq: 06 Feb 2024 17:39

Instrument :

BNA\_M

ClientSampleId :

LOQ-WATER-02-QT1-2024

Tgt Ion:149 Resp: 169722

Ion Ratio Lower Upper

149 100

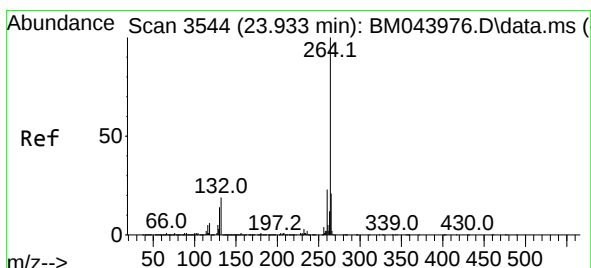
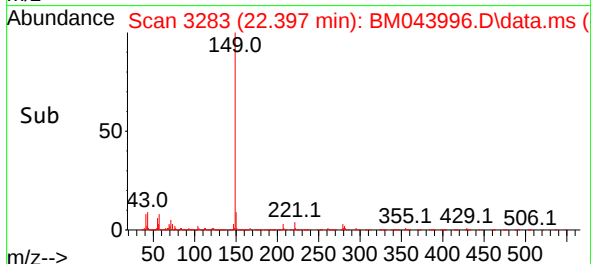
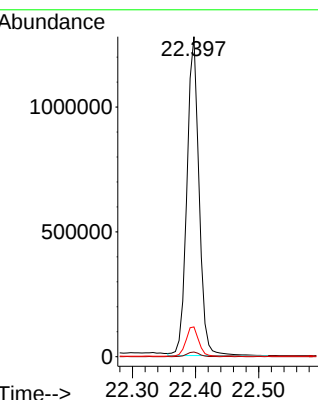
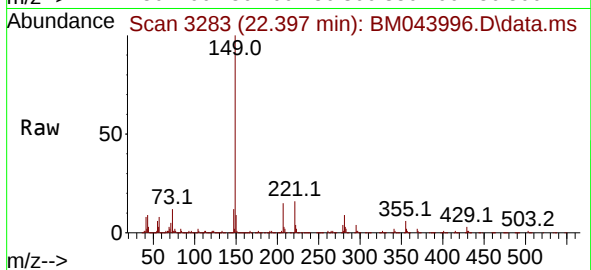
167 1.5 1.2 1.8

43 9.6 7.9 11.9

Manual Integrations

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Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.927 min Scan# 3543

Delta R.T. -0.006 min

Lab File: BM043996.D

Acq: 06 Feb 2024 17:39

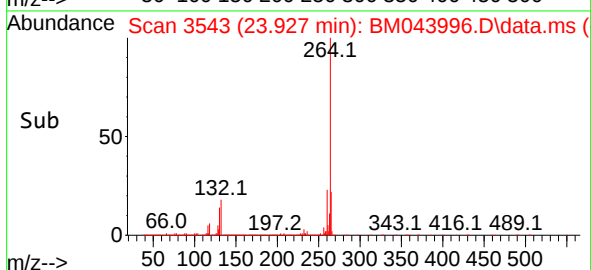
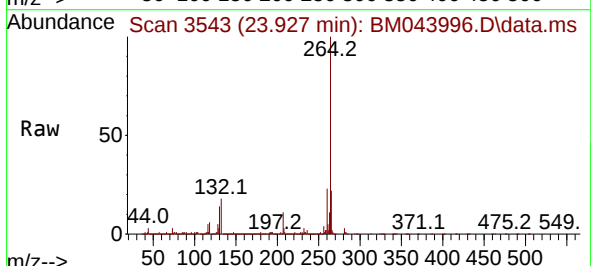
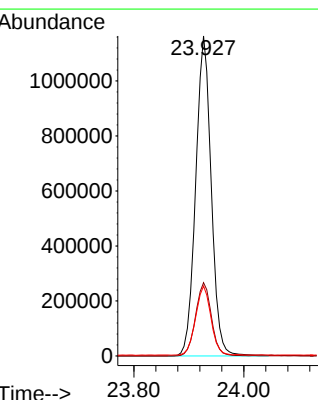
Tgt Ion:264 Resp: 2282328

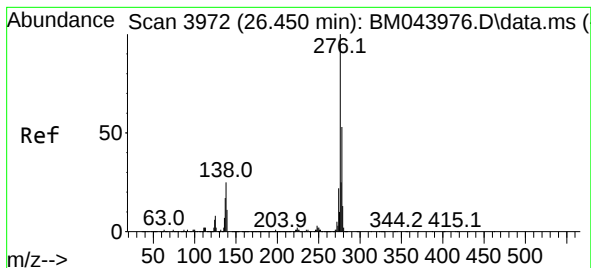
Ion Ratio Lower Upper

264 100

260 22.9 18.6 28.0

265 21.9 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 9.620 ng

RT: 26.426 min Scan# 3972

Delta R.T. -0.024 min

Lab File: BM043996.D

Acq: 06 Feb 2024 17:39

Instrument :

BNA\_M

ClientSampleId :

LOQ-WATER-02-QT1-2024

Tgt Ion:276 Resp: 1642909

Ion Ratio Lower Upper

276 100

138 27.7 21.8 32.6

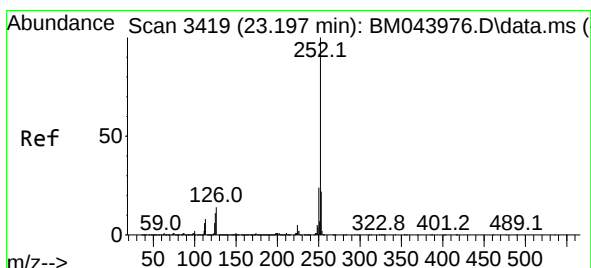
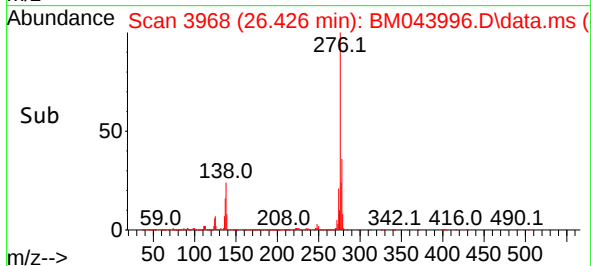
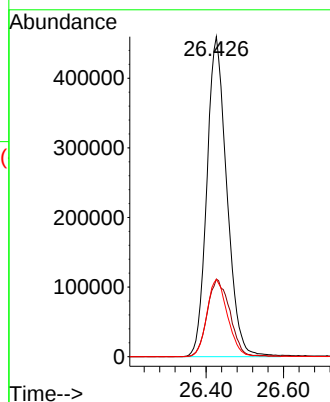
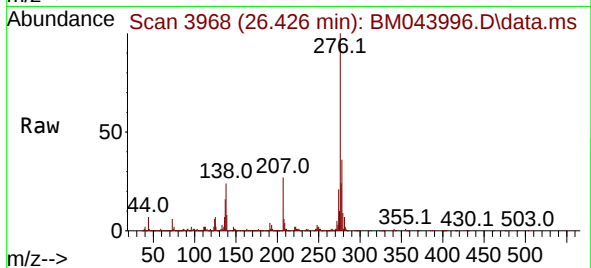
277 25.1 19.9 29.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024

Supervised By :mohammad ahmed 02/08/2024



#88

Benzo(b)fluoranthene

Concen: 10.266 ng

RT: 23.191 min Scan# 3418

Delta R.T. -0.006 min

Lab File: BM043996.D

Acq: 06 Feb 2024 17:39

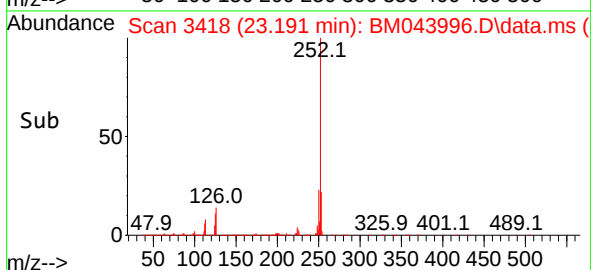
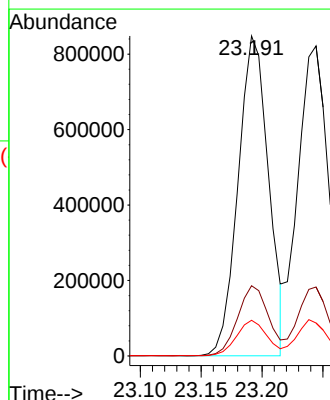
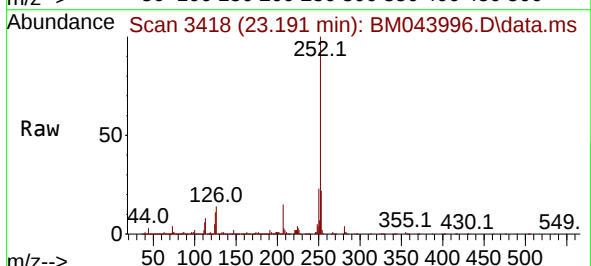
Tgt Ion:252 Resp: 1473864

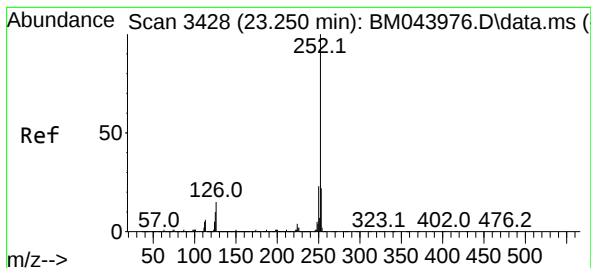
Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 11.1 9.0 13.6





#89

Benzo(k)fluoranthene

Concen: 10.677 ng

RT: 23.244 min Scan# 34

Delta R.T. -0.006 min

Lab File: BM043996.D

Acq: 06 Feb 2024 17:39

Instrument :

BNA\_M

ClientSampleId :

LOQ-WATER-02-QT1-2024

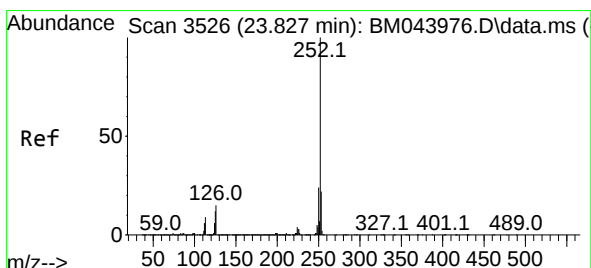
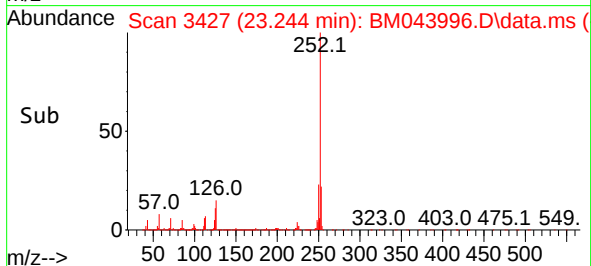
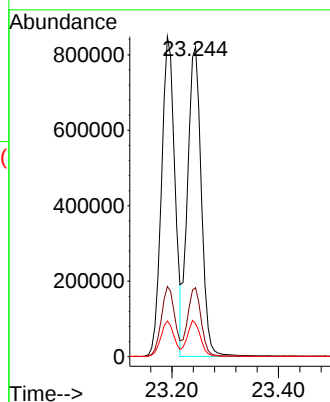
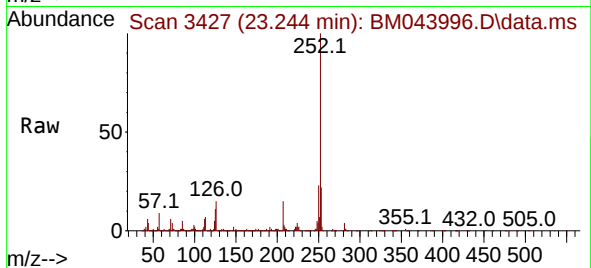
Tgt Ion:252 Resp: 147065

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.2  | 17.4  | 26.2  |
| 125 | 10.6  | 8.3   | 12.5  |

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024



#90

Benzo(a)pyrene

Concen: 9.868 ng

RT: 23.815 min Scan# 3524

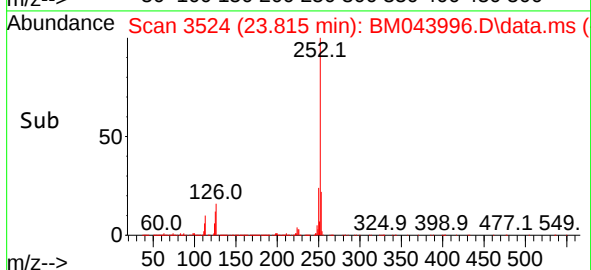
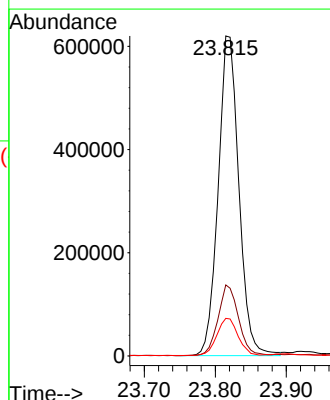
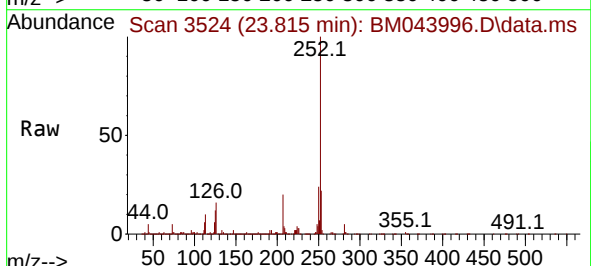
Delta R.T. -0.012 min

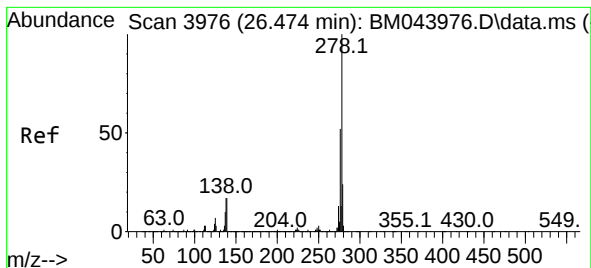
Lab File: BM043996.D

Acq: 06 Feb 2024 17:39

Tgt Ion:252 Resp: 1252173

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.2  | 17.7  | 26.5  |
| 125 | 11.7  | 9.4   | 14.2  |





#91

Dibenzo(a,h)anthracene

Concen: 9.841 ng

RT: 26.456 min Scan# 3976

Delta R.T. -0.018 min

Lab File: BM043996.D

Acq: 06 Feb 2024 17:39

Instrument :

BNA\_M

ClientSampleId :

LOQ-WATER-02-QT1-2024

Tgt Ion:278 Resp: 138600

Ion Ratio Lower Upper

278 100

139 17.1 13.7 20.5

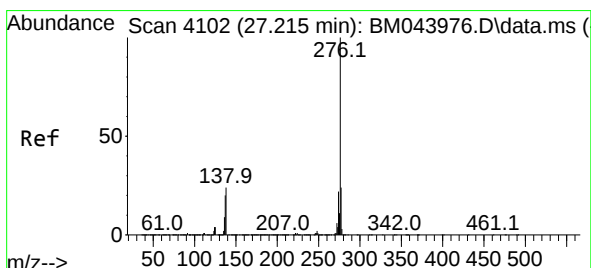
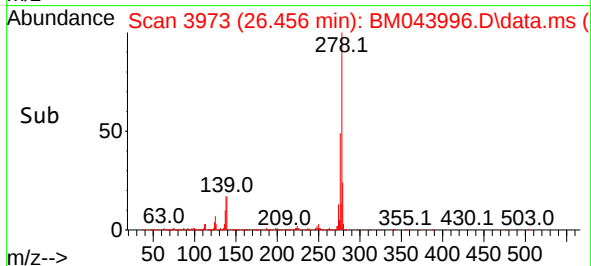
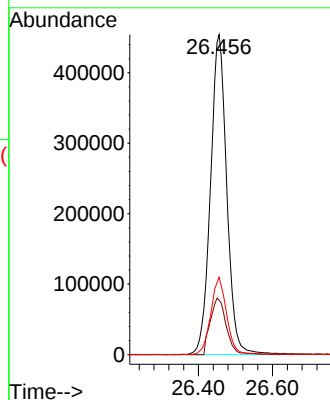
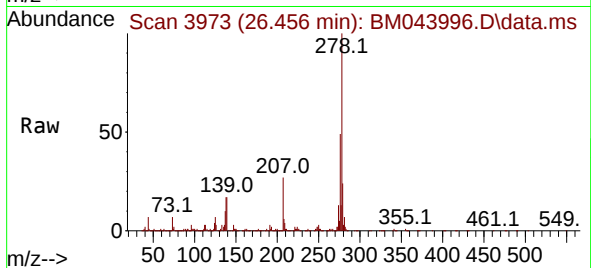
279 24.1 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024

Supervised By :mohammad ahmed 02/08/2024



#92

Benzo(g,h,i)perylene

Concen: 9.221 ng

RT: 27.191 min Scan# 4098

Delta R.T. -0.024 min

Lab File: BM043996.D

Acq: 06 Feb 2024 17:39

Tgt Ion:276 Resp: 1324640

Ion Ratio Lower Upper

276 100

277 23.6 19.0 28.4

138 24.0 18.8 28.2

