

Data Path : Z:\svoasrv\HPCHEM1\BNA\_E\Data\BE102924\  
 Data File : BE101405.D  
 Acq On : 29 Oct 2024 13:57  
 Operator : RC/JU  
 Sample : P4368-08  
 Misc : LOQ-WATER-10 PPM  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 LOQ-WATER-02-QT4-2024

Quant Time: Oct 29 14:36:21 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_E\Methods\8270-BE102824.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 29 01:26:30 2024  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024  
 Supervised By :mohammad ahmed 11/04/2024

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.570  | 152  | 102959   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.337 | 136  | 515854   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.180 | 164  | 383768   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 16.918 | 188  | 885186   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.072 | 240  | 1000765  | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 23.363 | 264  | 1182635  | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.320  | 112  | 499504   | 85.030 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.947  | 99   | 710833   | 87.267 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.780  | 82   | 504279   | 61.400 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.684 | 330  | 596703   | 88.713 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 12.805 | 172  | 1465285  | 64.662 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.509 | 244  | 2787509  | 64.107 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.216  | 88   | 28590    | 13.049 | ng    | 97       |
| 3) Pyridine                   | 3.733  | 79   | 52381    | 8.450  | ng    | # 94     |
| 4) n-Nitrosodimethylamine     | 3.610  | 42   | 27169    | 11.328 | ng    | # 83     |
| 6) Aniline                    | 7.012  | 93   | 107644   | 17.244 | ng    | 99       |
| 8) 2-Chlorophenol             | 7.212  | 128  | 87072    | 12.358 | ng    | 97       |
| 9) Benzaldehyde               | 6.783  | 77   | 64326    | 16.359 | ng    | 96       |
| 10) Phenol                    | 6.971  | 94   | 113157   | 12.804 | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 7.041  | 93   | 83044m   | 11.454 | ng    |          |
| 12) 1,3-Dichlorobenzene       | 7.458  | 146  | 91508    | 12.045 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 7.605  | 146  | 95328    | 12.287 | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 7.934  | 146  | 91730    | 12.079 | ng    | 100      |
| 15) Benzyl Alcohol            | 7.917  | 79   | 59621    | 12.279 | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.069  | 45   | 122881   | 13.468 | ng    | 99       |
| 17) 2-Methylphenol            | 8.152  | 107  | 66504    | 11.118 | ng    | 98       |
| 18) Hexachloroethane          | 8.628  | 117  | 29879    | 11.793 | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 8.375  | 70   | 70166    | 12.981 | ng    | 97       |
| 20) 3+4-Methylphenols         | 8.487  | 107  | 92932    | 11.255 | ng    | 97       |
| 22) Acetophenone              | 8.422  | 105  | 144703   | 12.354 | ng    | # 98     |
| 24) Nitrobenzene              | 8.821  | 77   | 101824   | 11.648 | ng    | 99       |
| 25) Isophorone                | 9.274  | 82   | 194473   | 12.134 | ng    | 99       |
| 26) 2-Nitrophenol             | 9.509  | 139  | 46817    | 11.081 | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 9.626  | 122  | 44405    | 8.352  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 9.779  | 93   | 119892   | 12.335 | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 10.055 | 162  | 84682    | 11.513 | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 10.185 | 180  | 93934    | 11.724 | ng    | 99       |
| 31) Naphthalene               | 10.384 | 128  | 314301   | 11.956 | ng    | 99       |
| 32) Benzoic acid              | 9.832  | 122  | 41573    | 14.516 | ng    | 96       |
| 33) 4-Chloroaniline           | 10.614 | 127  | 121369   | 13.277 | ng    | 99       |
| 34) Hexachlorobutadiene       | 10.637 | 225  | 53013    | 11.178 | ng    | 98       |
| 35) Caprolactam               | 11.383 | 113  | 30734    | 10.901 | ng    | 96       |
| 36) 4-Chloro-3-methylphenol   | 11.783 | 107  | 96762    | 11.554 | ng    | 98       |
| 37) 2-Methylnaphthalene       | 11.977 | 142  | 233036   | 12.305 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.200 | 142  | 219089   | 11.591 | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 12.329 | 216  | 116103   | 12.051 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.317 | 237  | 38509    | 12.103 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 12.652 | 196  | 76549    | 11.526 | ng    | 99       |

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 BNA\_E  
 ClientSampleId :  
 LOQ-WATER-02-QT4-2024

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 QLast Update : Tue Oct 29 01:26:30 2024  
 Response via : Initial Calibration

### Manual Integrations APPROVED

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 Supervised By :mohammad ahmed 11/04/2024

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.752 | 196  | 84162    | 11.066 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.005 | 154  | 329618   | 12.537 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 13.052 | 162  | 245468   | 11.817 | ng    | 98       |
| 48) 2-Nitroaniline            | 13.381 | 65   | 64187    | 11.482 | ng    | 91       |
| 49) Acenaphthylene            | 13.910 | 152  | 401105   | 13.057 | ng    | 99       |
| 50) Dimethylphthalate         | 13.680 | 163  | 334147   | 12.335 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 13.816 | 165  | 69254    | 11.073 | ng    | 99       |
| 52) Acenaphthene              | 14.239 | 154  | 240712   | 12.000 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.227 | 138  | 72993    | 11.737 | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 14.362 | 184  | 34241    | 12.781 | ng    | 94       |
| 55) Dibenzofuran              | 14.585 | 168  | 396901   | 12.414 | ng    | 97       |
| 56) 4-Nitrophenol             | 14.644 | 139  | 58087    | 10.200 | ng    | 96       |
| 57) 2,4-Dinitrotoluene        | 14.603 | 165  | 92103    | 10.697 | ng    | 94       |
| 58) Fluorene                  | 15.220 | 166  | 326960   | 12.225 | ng    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol | 14.850 | 232  | 83944    | 11.946 | ng    | 99       |
| 60) Diethylphthalate          | 15.008 | 149  | 342171   | 12.076 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 15.208 | 204  | 159082   | 11.986 | ng    | 98       |
| 62) 4-Nitroaniline            | 15.408 | 138  | 75796    | 10.953 | ng    | 99       |
| 63) Azobenzene                | 15.502 | 77   | 305299   | 12.535 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 15.343 | 198  | 60179    | 11.570 | ng    | 99       |
| 66) n-Nitrosodiphenylamine    | 15.455 | 169  | 290983   | 12.396 | ng    | 97       |
| 67) 4-Bromophenyl-phenylether | 16.095 | 248  | 109379   | 11.747 | ng    | 97       |
| 68) Hexachlorobenzene         | 16.201 | 284  | 140553   | 11.516 | ng    | 96       |
| 69) Atrazine                  | 16.389 | 200  | 104583   | 14.532 | ng    | 97       |
| 70) Pentachlorophenol         | 16.606 | 266  | 106856   | 15.210 | ng    | 98       |
| 71) Phenanthrene              | 16.953 | 178  | 547107   | 12.909 | ng    | 98       |
| 72) Anthracene                | 17.041 | 178  | 512126   | 12.375 | ng    | 98       |
| 73) Carbazole                 | 17.370 | 167  | 516784   | 12.205 | ng    | 99       |
| 74) Di-n-butylphthalate       | 17.823 | 149  | 585650   | 12.563 | ng    | 97       |
| 75) Fluoranthene              | 18.963 | 202  | 658217   | 12.787 | ng    | 95       |
| 77) Benzidine                 | 19.215 | 184  | 144027   | 11.339 | ng    | 98       |
| 78) Pyrene                    | 19.327 | 202  | 703539   | 12.784 | ng    | 96       |
| 80) Butylbenzylphthalate      | 20.179 | 149  | 291922   | 12.100 | ng    | 98       |
| 81) Benzo(a)anthracene        | 21.054 | 228  | 754187   | 13.408 | ng    | 95       |
| 82) 3,3'-Dichlorobenzidine    | 21.031 | 252  | 270946   | 12.296 | ng    | 100      |
| 83) Chrysene                  | 21.107 | 228  | 736396   | 13.540 | ng    | 94       |
| 84) Bis(2-ethylhexyl)phtha... | 20.884 | 149  | 387392   | 12.087 | ng    | 96       |
| 85) Di-n-octyl phthalate      | 21.730 | 149  | 674184   | 12.816 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 25.666 | 276  | 1077630  | 13.615 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 22.646 | 252  | 804864   | 13.059 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 22.693 | 252  | 820784   | 14.255 | ng    | 96       |
| 90) Benzo(a)pyrene            | 23.252 | 252  | 753663   | 13.983 | ng    | 97       |
| 91) Dibenzo(a,h)anthracene    | 25.666 | 278  | 886002   | 13.548 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 26.419 | 276  | 825497   | 12.251 | ng    | 99       |

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

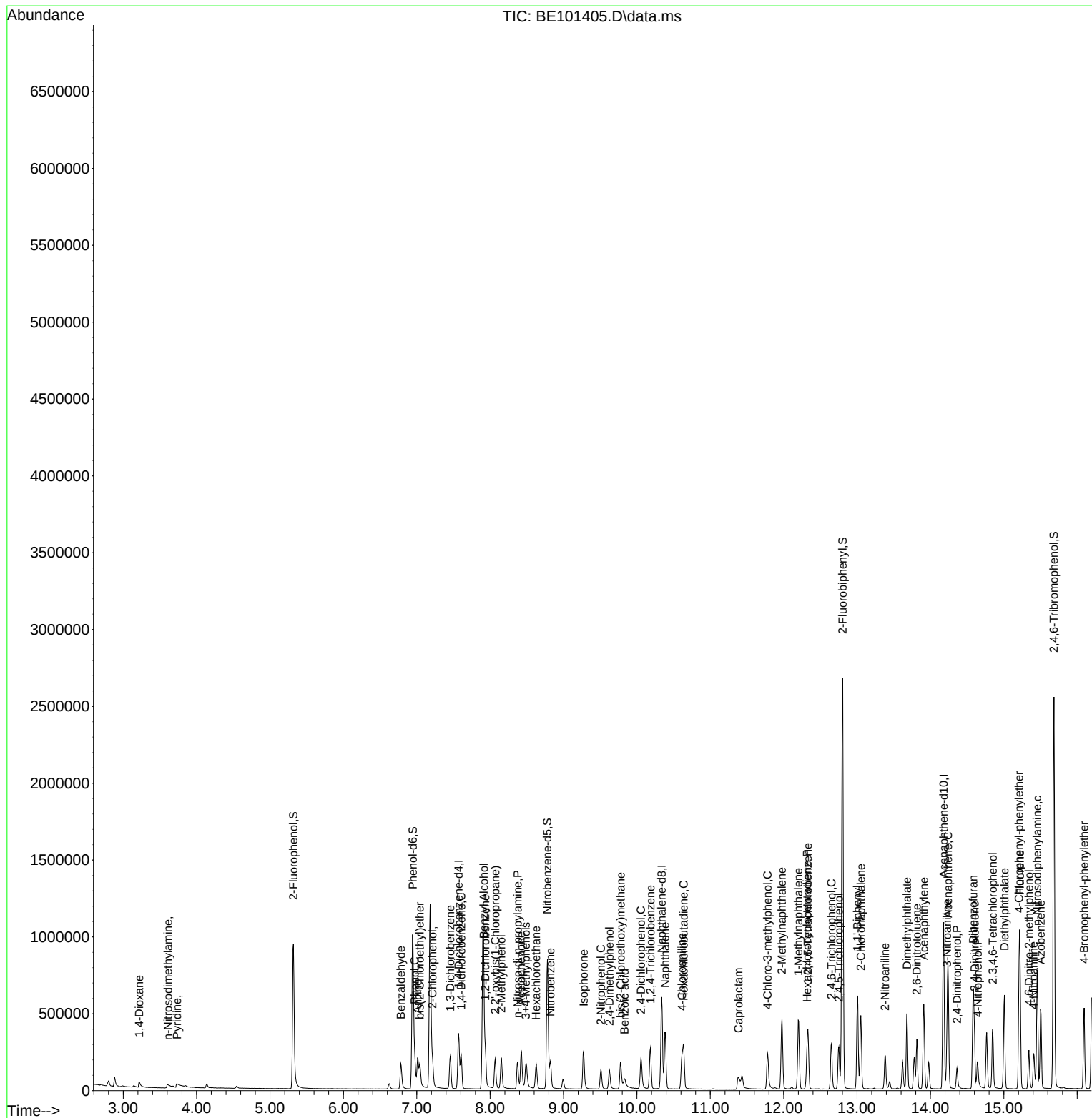
Data Path : Z:\svoasrv\HPCHEM1\BNA\_E\Data\BE102924\  
Data File : BE101405.D  
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Operator : RC/JU  
Sample : P4368-08  
Misc : LOQ-WATER-10 PPM  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
LOQ-WATER-02-QT4-2024

Quant Time: Oct 29 14:36:21 2024  
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QLast Update : Tue Oct 29 01:26:30 2024  
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Manual Integrations  
APPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024  
Supervised By :mohammad ahmed 11/04/2024



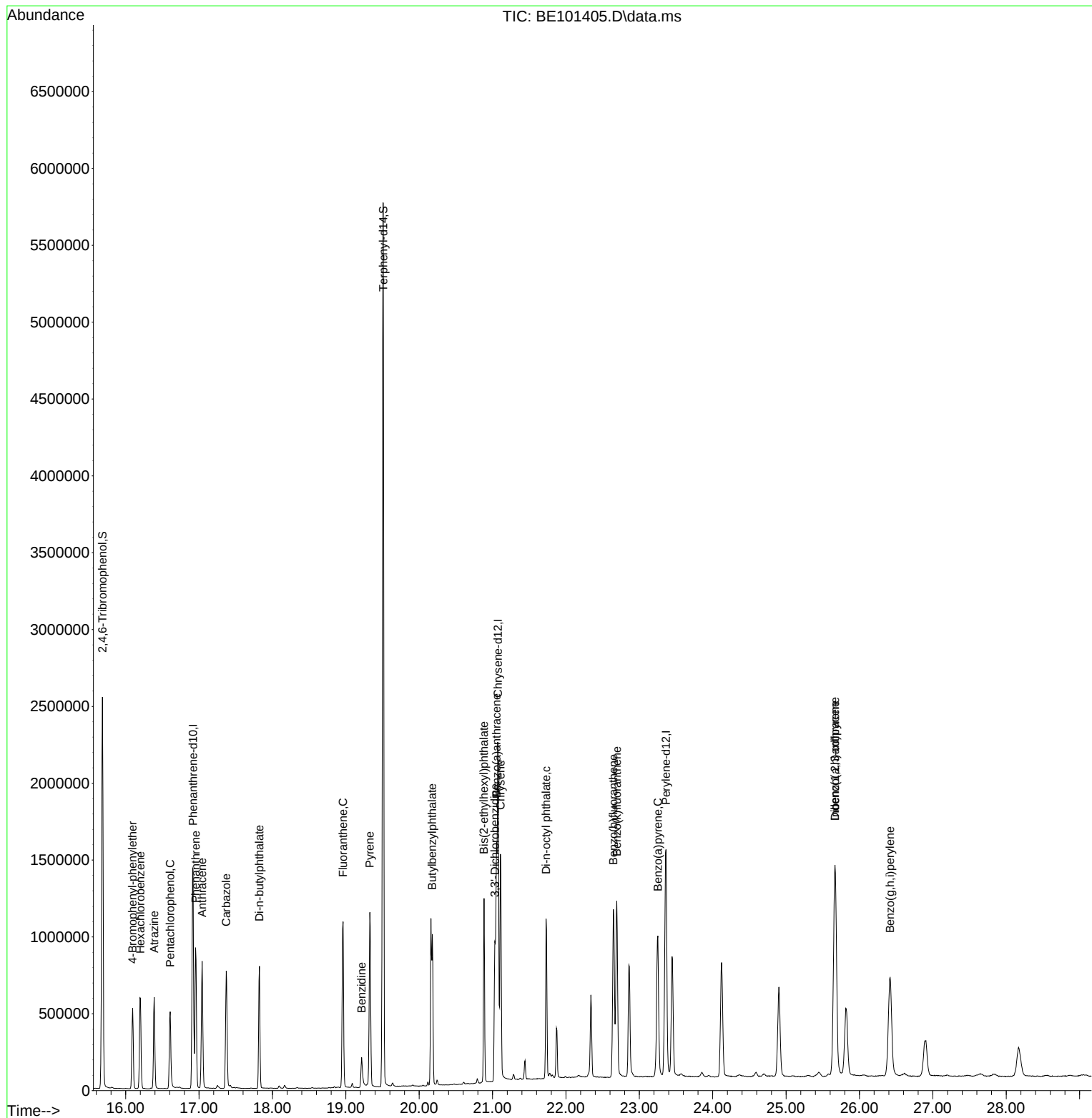
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ALS Vial : 7 Sample Multiplier: 1

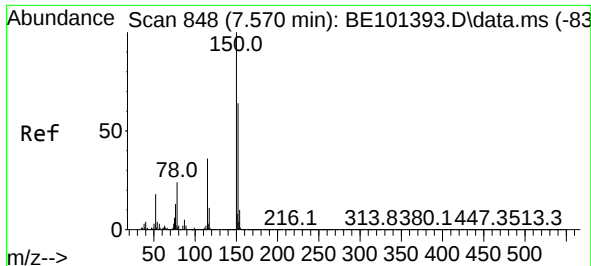
Instrument :  
BNA\_E  
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LOQ-WATER-02-QT4-2024

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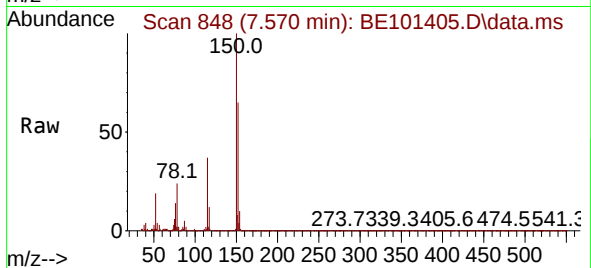
Reviewed By :Jagrut Upadhyay 10/30/2024  
Supervised By :mohammad ahmed 11/04/2024





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.570 min Scan# 848  
Delta R.T. 0.000 min  
Lab File: BE101405.D  
Acq: 29 Oct 2024 13:57

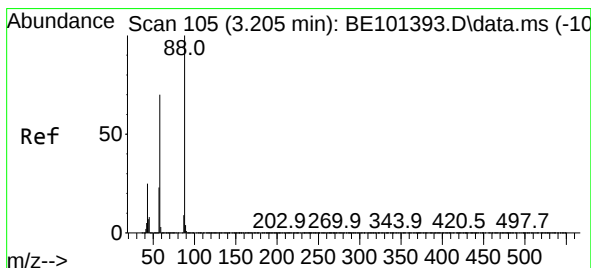
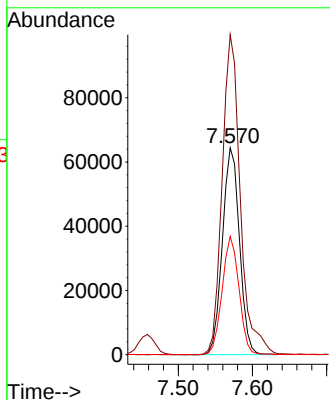
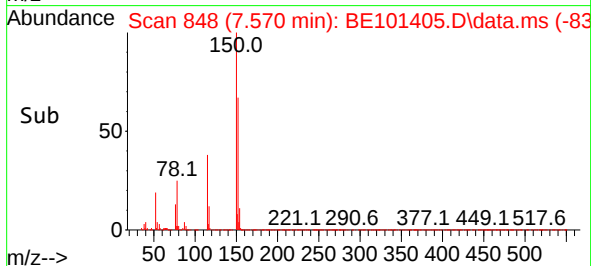
Instrument :  
BNA\_E  
ClientSampleId :  
LOQ-WATER-02-QT4-2024



Tgt Ion:152 Resp: 102959  
Ion Ratio Lower Upper  
152 100  
150 154.7 124.2 186.4  
115 57.2 45.3 67.9

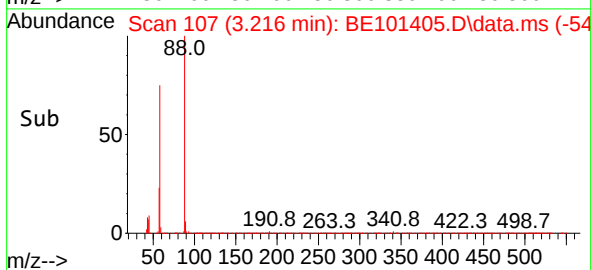
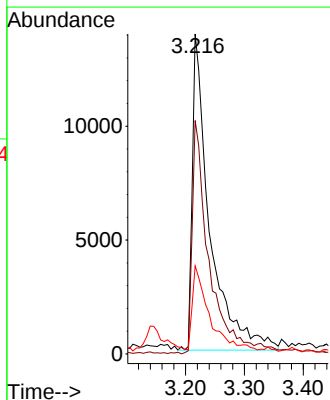
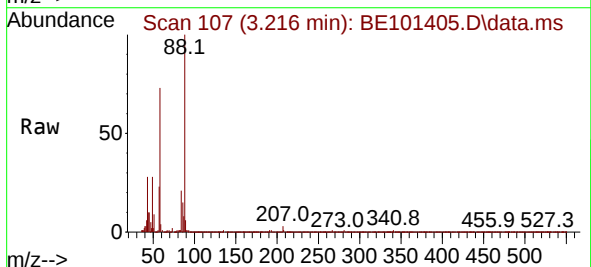
Manual Integrations  
APPROVED

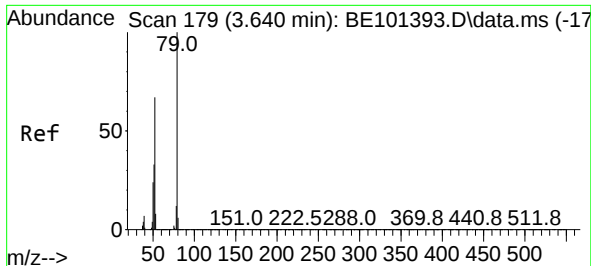
Reviewed By :Jagrut Upadhyay 10/30/2024  
Supervised By :mohammad ahmed 11/04/2024



#2  
1,4-Dioxane  
Concen: 13.049 ng  
RT: 3.216 min Scan# 107  
Delta R.T. 0.011 min  
Lab File: BE101405.D  
Acq: 29 Oct 2024 13:57

Tgt Ion: 88 Resp: 28590  
Ion Ratio Lower Upper  
88 100  
58 68.4 56.5 84.7  
43 26.9 19.8 29.8





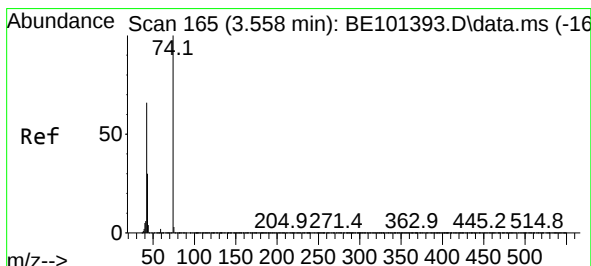
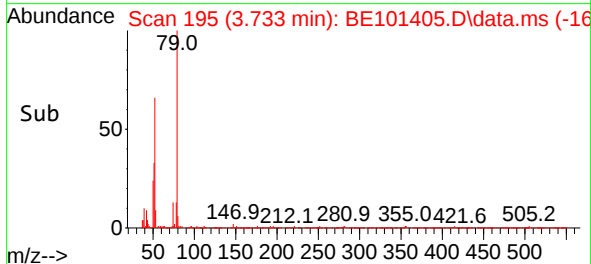
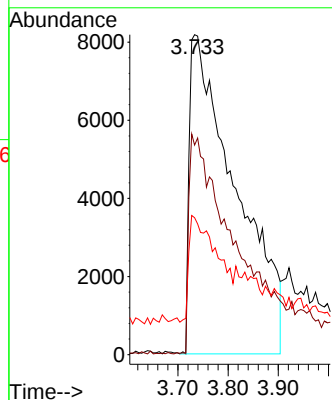
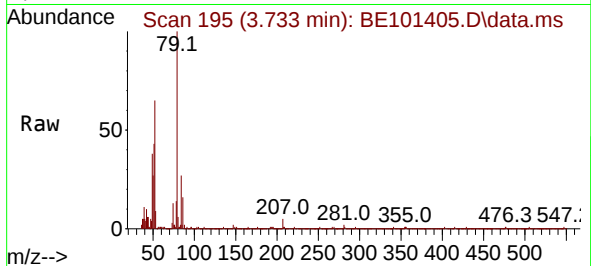
#3  
Pyridine  
Concen: 8.450 ng  
RT: 3.733 min Scan# 11  
Delta R.T. 0.094 min  
Lab File: BE101405.D  
Acq: 29 Oct 2024 13:57

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BNA\_E  
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LOQ-WATER-02-QT4-2024

Tgt Ion: 79 Resp: 5238  
Ion Ratio Lower Upper  
79 100  
52 65.5 53.3 79.9  
51 42.8 27.3 40.9

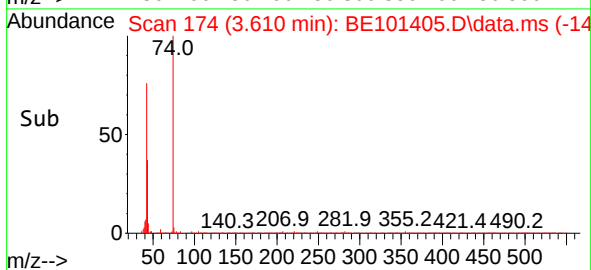
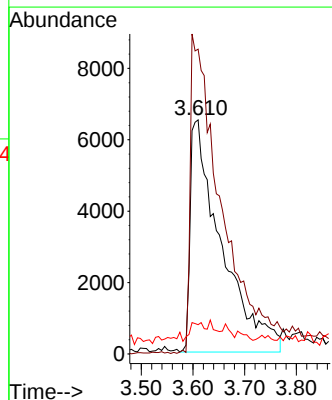
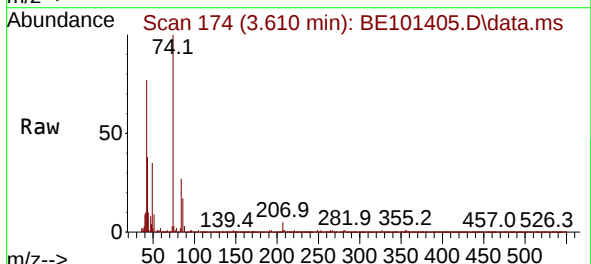
Manual Integrations  
APPROVED

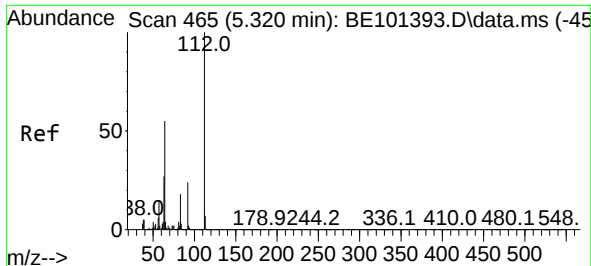
Reviewed By :Jagrut Upadhyay 10/30/2024  
Supervised By :mohammad ahmed 11/04/2024



#4  
n-Nitrosodimethylamine  
Concen: 11.328 ng  
RT: 3.610 min Scan# 174  
Delta R.T. 0.052 min  
Lab File: BE101405.D  
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Tgt Ion: 42 Resp: 27169  
Ion Ratio Lower Upper  
42 100  
74 130.2 121.4 182.0  
44 12.5 5.6 8.4





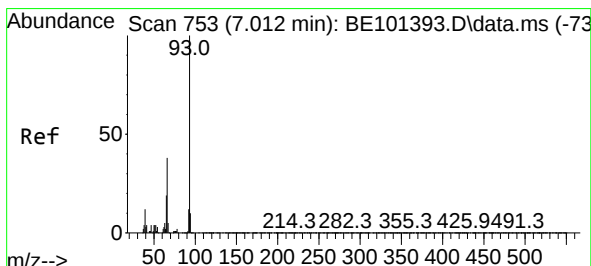
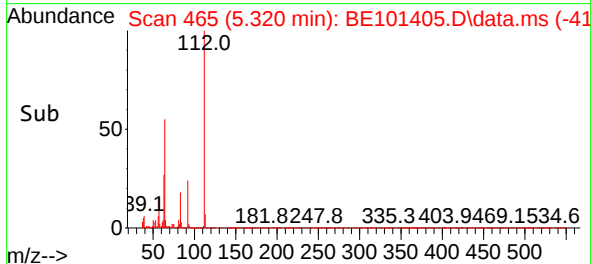
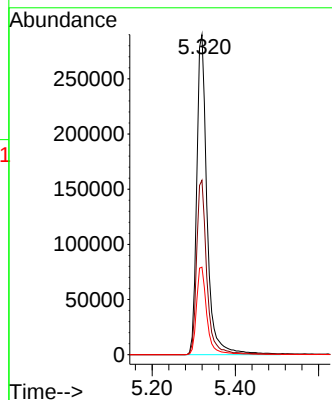
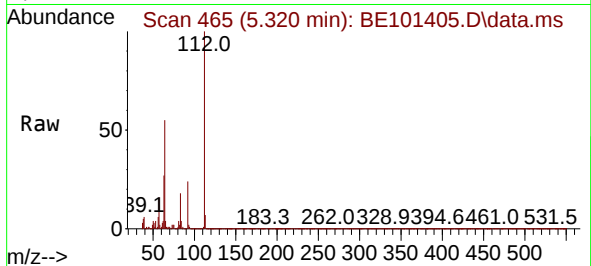
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2-Fluorophenol  
Concen: 85.030 ng  
RT: 5.320 min Scan# 465  
Delta R.T. -0.000 min  
Lab File: BE101405.D  
Acq: 29 Oct 2024 13:57

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BNA\_E  
ClientSampleId :  
LOQ-WATER-02-QT4-2024

Tgt Ion:112 Resp: 499504  
Ion Ratio Lower Upper  
112 100  
64 54.5 43.7 65.5  
63 27.4 21.4 32.2

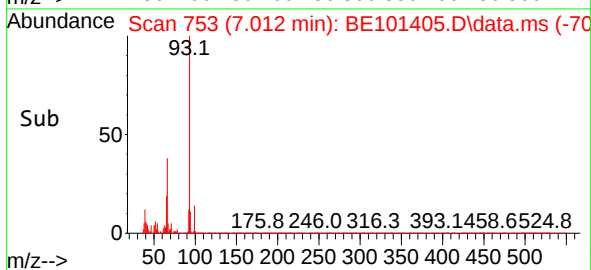
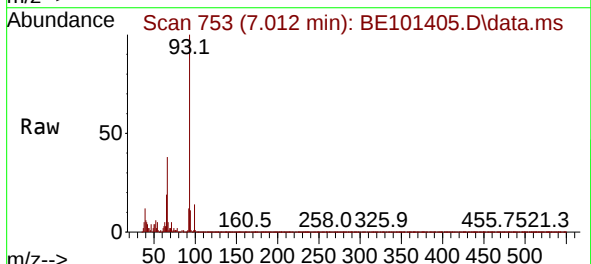
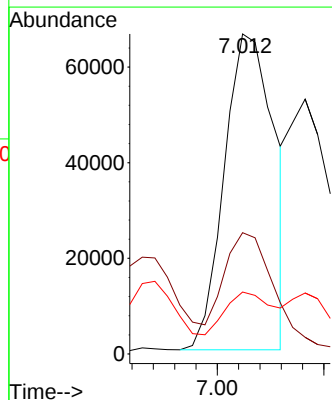
Manual Integrations  
APPROVED

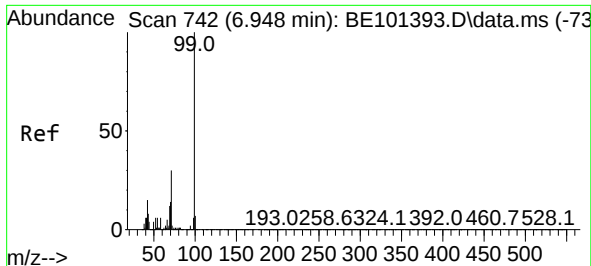
Reviewed By :Jagrut Upadhyay 10/30/2024  
Supervised By :mohammad ahmed 11/04/2024



#6  
Aniline  
Concen: 17.244 ng  
RT: 7.012 min Scan# 753  
Delta R.T. -0.000 min  
Lab File: BE101405.D  
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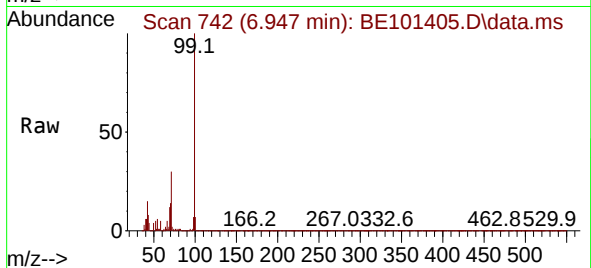
Tgt Ion: 93 Resp: 107644  
Ion Ratio Lower Upper  
93 100  
66 37.9 31.0 46.4  
65 19.4 15.5 23.3





#7  
Phenol-d6  
Concen: 87.267 ng  
RT: 6.947 min Scan# 741  
Delta R.T. -0.000 min  
Lab File: BE101405.D  
Acq: 29 Oct 2024 13:57

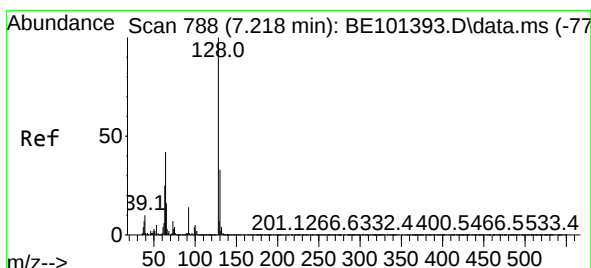
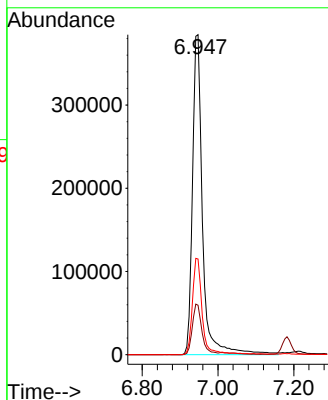
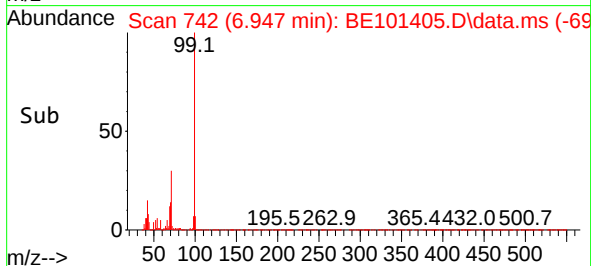
Instrument :  
BNA\_E  
ClientSampleId :  
LOQ-WATER-02-QT4-2024



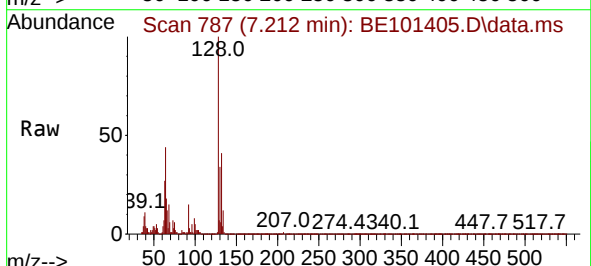
Tgt Ion: 99 Resp: 71083  
Ion Ratio Lower Upper  
99 100  
42 15.5 12.3 18.5  
71 29.9 23.8 35.8

Manual Integrations  
APPROVED

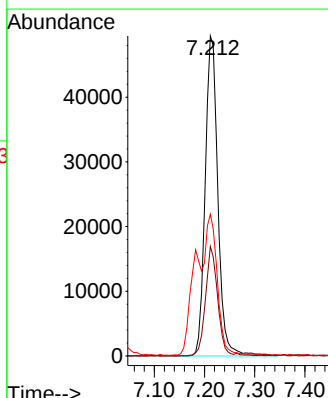
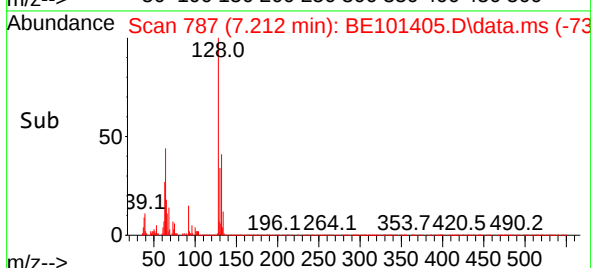
Reviewed By :Jagrut Upadhyay 10/30/2024  
Supervised By :mohammad ahmed 11/04/2024

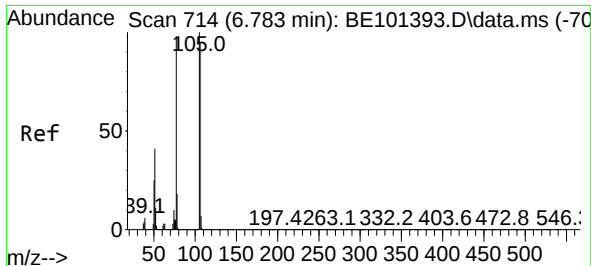


#8  
2-Chlorophenol  
Concen: 12.358 ng  
RT: 7.212 min Scan# 787  
Delta R.T. -0.006 min  
Lab File: BE101405.D  
Acq: 29 Oct 2024 13:57



Tgt Ion:128 Resp: 87072  
Ion Ratio Lower Upper  
128 100  
130 34.2 12.9 52.9  
64 44.3 22.3 62.3





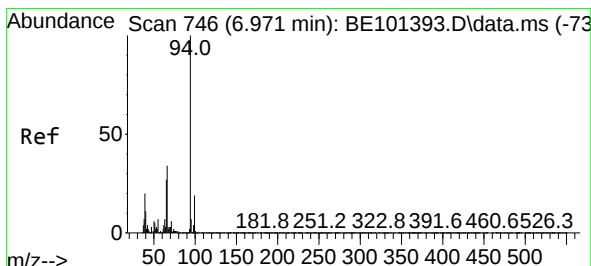
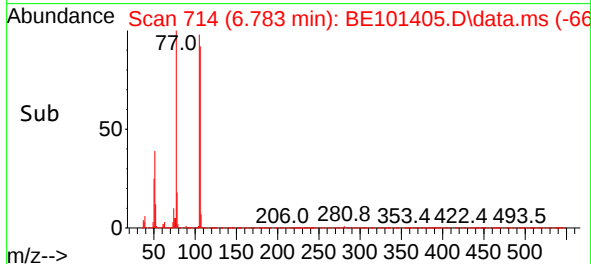
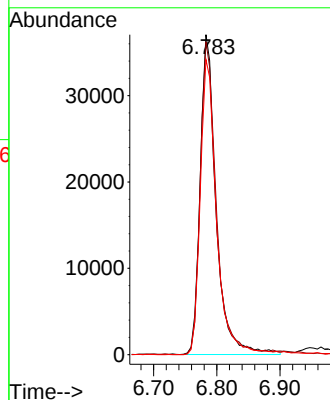
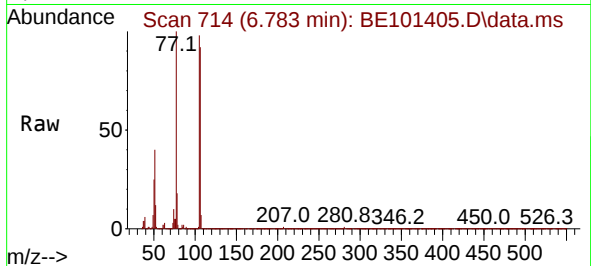
#9  
Benzaldehyde  
Concen: 16.359 ng  
RT: 6.783 min Scan# 714  
Delta R.T. -0.000 min  
Lab File: BE101405.D  
Acq: 29 Oct 2024 13:57

Instrument : BNA\_E  
ClientSampleId :  
LOQ-WATER-02-QT4-2024

Tgt Ion: 77 Resp: 64320  
Ion Ratio Lower Upper  
77 100  
105 97.8 81.9 121.9  
106 92.2 76.5 116.5

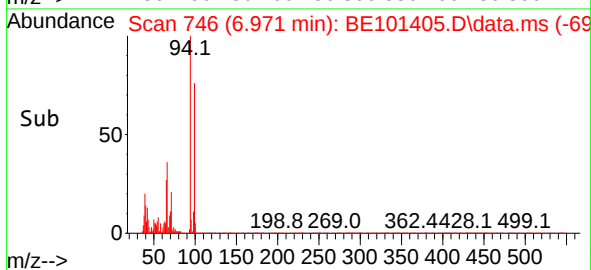
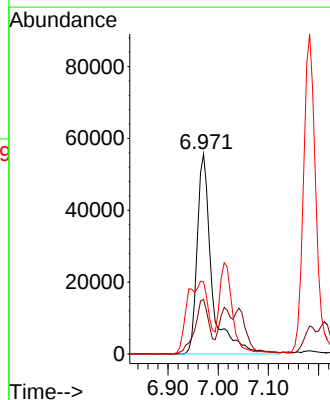
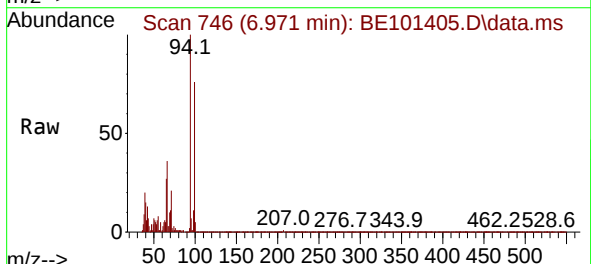
Manual Integrations  
APPROVED

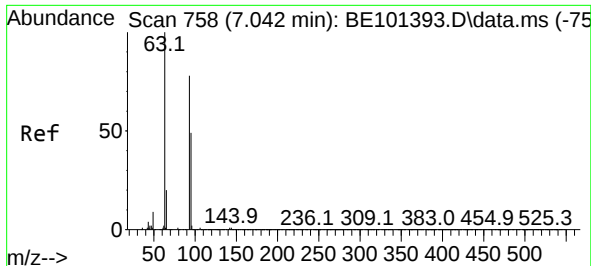
Reviewed By :Jagrut Upadhyay 10/30/2024  
Supervised By :mohammad ahmed 11/04/2024



#10  
Phenol  
Concen: 12.804 ng  
RT: 6.971 min Scan# 746  
Delta R.T. -0.000 min  
Lab File: BE101405.D  
Acq: 29 Oct 2024 13:57

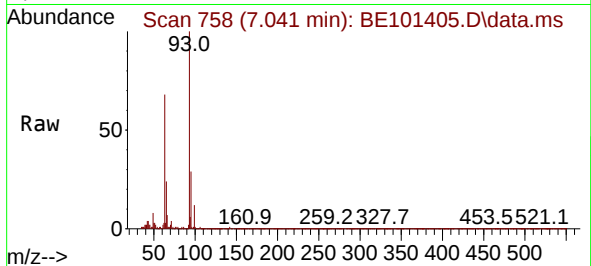
Tgt Ion: 94 Resp: 113157  
Ion Ratio Lower Upper  
94 100  
65 27.3 6.8 46.8  
66 36.1 14.0 54.0





#11  
bis(2-Chloroethyl)ether  
Concen: 11.454 ng m  
RT: 7.041 min Scan# 7  
Delta R.T. -0.000 min  
Lab File: BE101405.D  
Acq: 29 Oct 2024 13:57

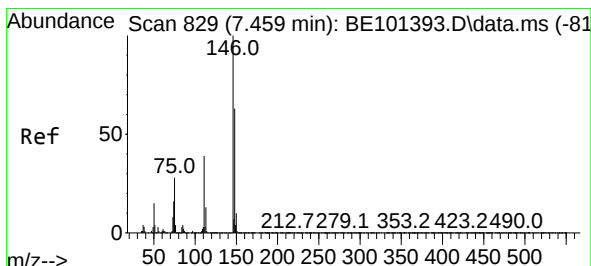
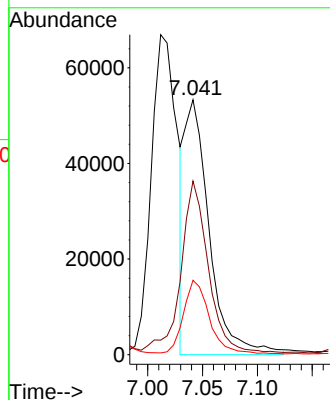
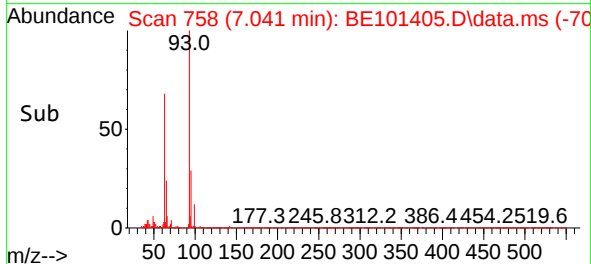
Instrument :  
BNA\_E  
ClientSampleId :  
LOQ-WATER-02-QT4-2024



Tgt Ion: 93 Resp: 83044  
Ion Ratio Lower Upper  
93 100  
63 68.1 46.3 86.3  
95 29.2 9.6 49.6

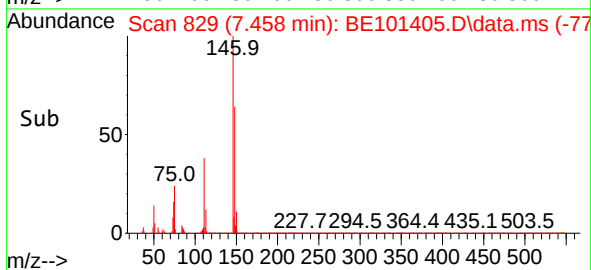
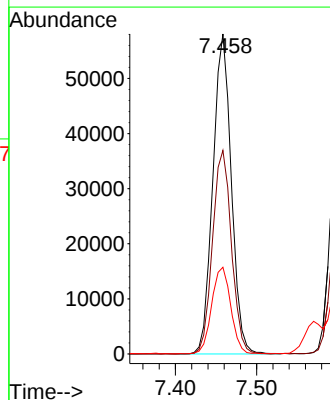
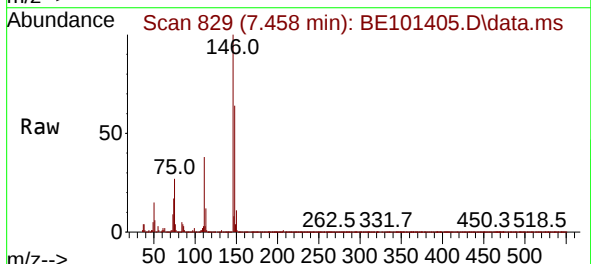
Manual Integrations  
APPROVED

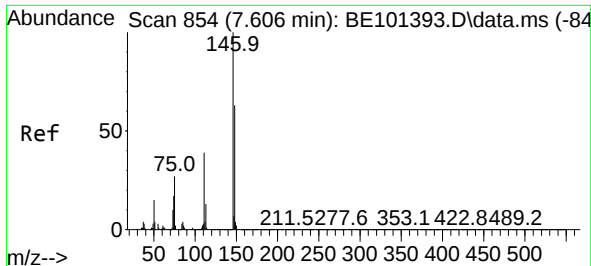
Reviewed By :Jagrut Upadhyay 10/30/2024  
Supervised By :mohammad ahmed 11/04/2024



#12  
1,3-Dichlorobenzene  
Concen: 12.045 ng  
RT: 7.458 min Scan# 829  
Delta R.T. -0.000 min  
Lab File: BE101405.D  
Acq: 29 Oct 2024 13:57

Tgt Ion:146 Resp: 91508  
Ion Ratio Lower Upper  
146 100  
148 63.6 50.5 75.7  
75 27.1 22.0 33.0





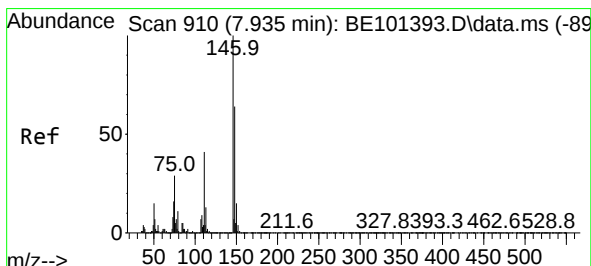
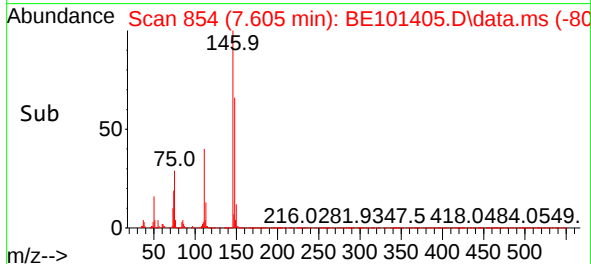
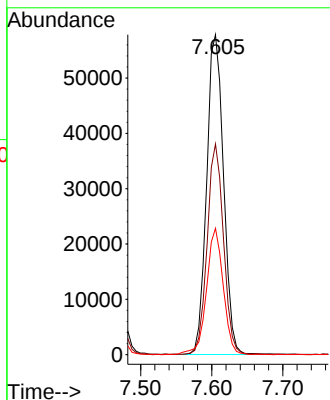
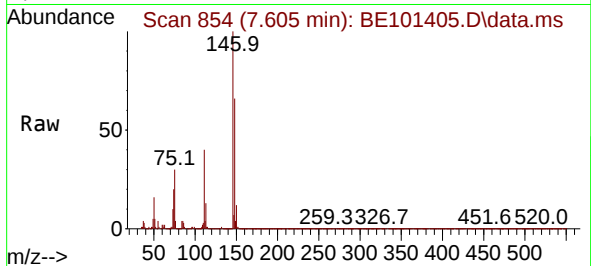
#13  
1,4-Dichlorobenzene  
Concen: 12.287 ng  
RT: 7.605 min Scan# 854  
Delta R.T. -0.000 min  
Lab File: BE101405.D  
Acq: 29 Oct 2024 13:57

Instrument :  
BNA\_E  
ClientSampleId :  
LOQ-WATER-02-QT4-2024

Tgt Ion:146 Resp: 95328  
Ion Ratio Lower Upper  
146 100  
148 65.9 50.2 75.2  
111 39.5 31.6 47.4

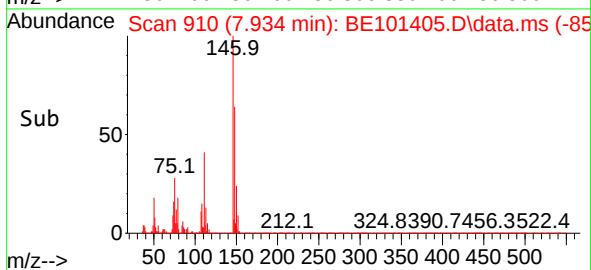
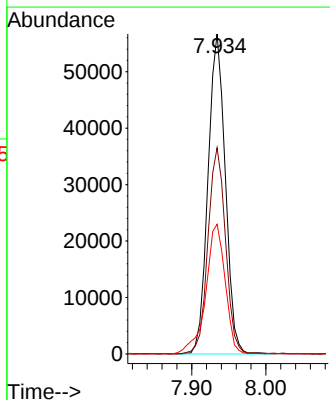
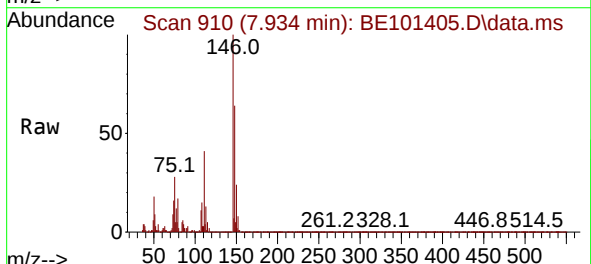
Manual Integrations  
APPROVED

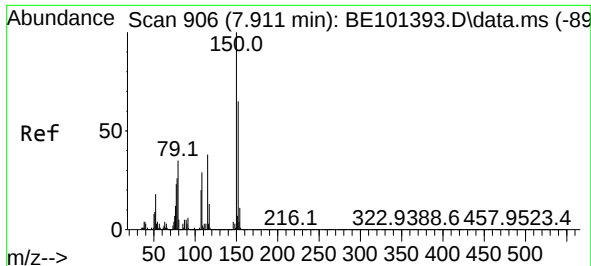
Reviewed By :Jagrut Upadhyay 10/30/2024  
Supervised By :mohammad ahmed 11/04/2024



#14  
1,2-Dichlorobenzene  
Concen: 12.079 ng  
RT: 7.934 min Scan# 910  
Delta R.T. -0.000 min  
Lab File: BE101405.D  
Acq: 29 Oct 2024 13:57

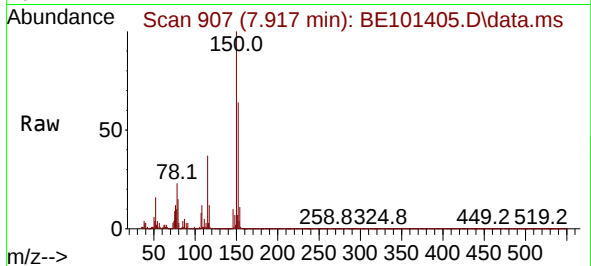
Tgt Ion:146 Resp: 91730  
Ion Ratio Lower Upper  
146 100  
148 64.5 51.4 77.2  
111 40.5 32.8 49.2





#15  
Benzyl Alcohol  
Concen: 12.279 ng  
RT: 7.917 min Scan# 906  
Delta R.T. 0.005 min  
Lab File: BE101405.D  
Acq: 29 Oct 2024 13:57

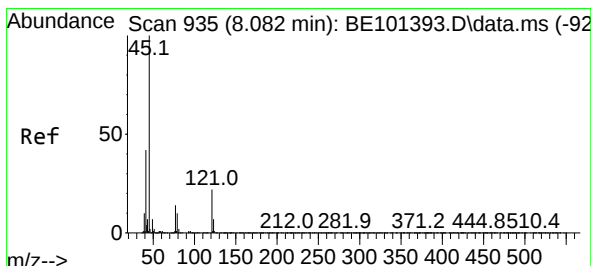
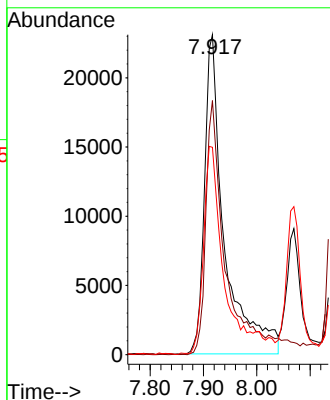
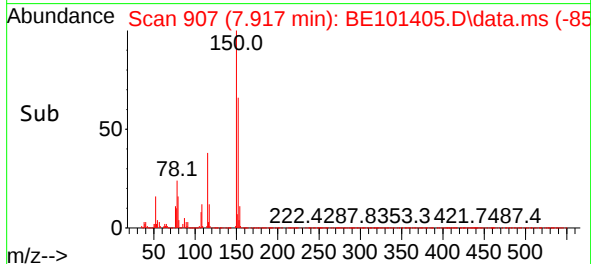
Instrument :  
BNA\_E  
ClientSampleId :  
LOQ-WATER-02-QT4-2024



Tgt Ion: 79 Resp: 5962  
Ion Ratio Lower Upper  
79 100  
108 79.4 66.1 99.1  
77 64.8 53.1 79.7

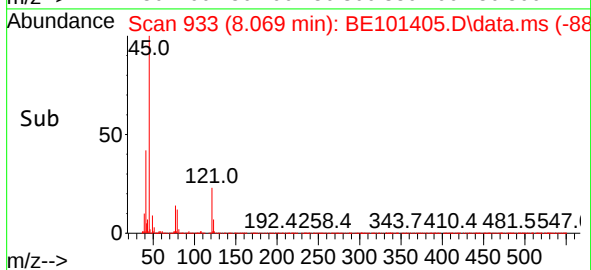
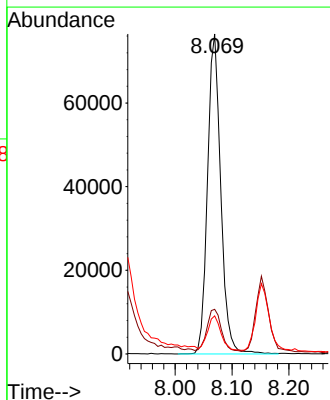
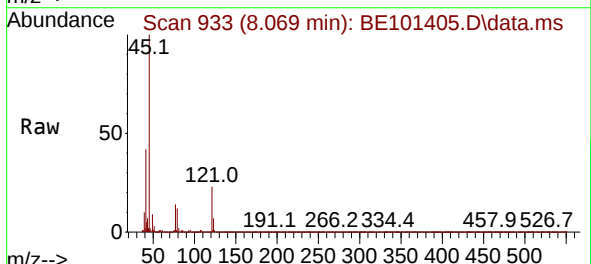
Manual Integrations  
APPROVED

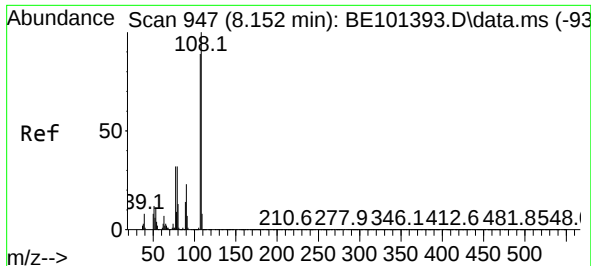
Reviewed By :Jagrut Upadhyay 10/30/2024  
Supervised By :mohammad ahmed 11/04/2024



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 13.468 ng  
RT: 8.069 min Scan# 933  
Delta R.T. -0.012 min  
Lab File: BE101405.D  
Acq: 29 Oct 2024 13:57

Tgt Ion: 45 Resp: 122881  
Ion Ratio Lower Upper  
45 100  
77 14.0 0.0 34.5  
79 11.9 0.0 31.8





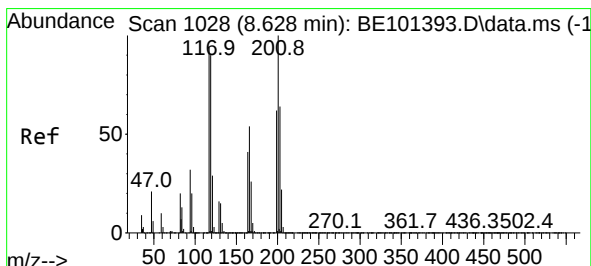
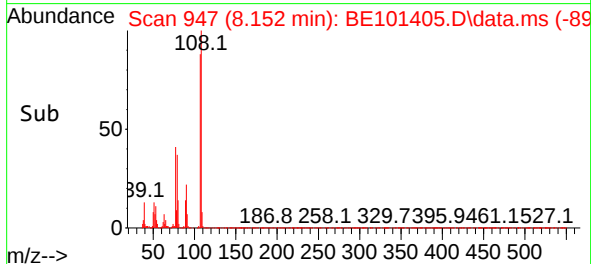
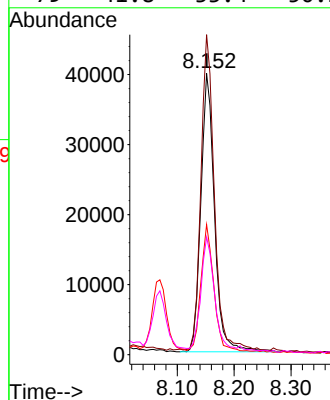
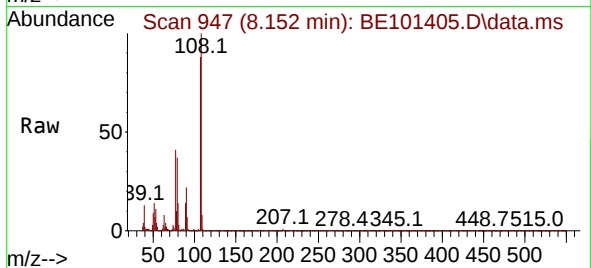
#17  
2-Methylphenol  
Concen: 11.118 ng  
RT: 8.152 min Scan# 947  
Delta R.T. -0.000 min  
Lab File: BE101405.D  
Acq: 29 Oct 2024 13:57

Instrument :  
BNA\_E  
ClientSampleId :  
LOQ-WATER-02-QT4-2024

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 107   | Resp: | 66504 |
| Ion Ratio | Lower | Upper |       |
| 107       | 100   |       |       |
| 108       | 113.8 | 90.0  | 135.0 |
| 77        | 46.3  | 34.2  | 51.4  |
| 79        | 41.8  | 33.4  | 50.2  |

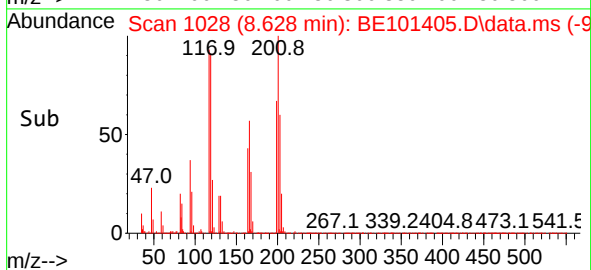
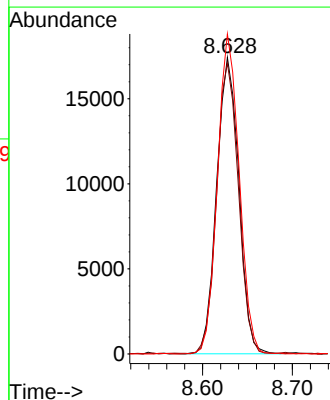
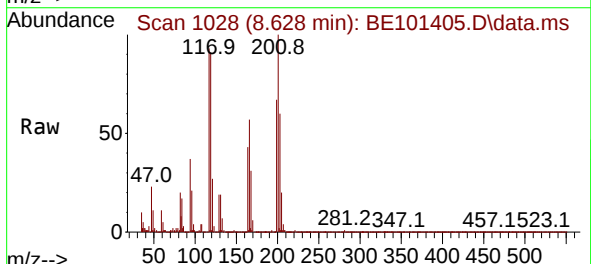
Manual Integrations  
APPROVED

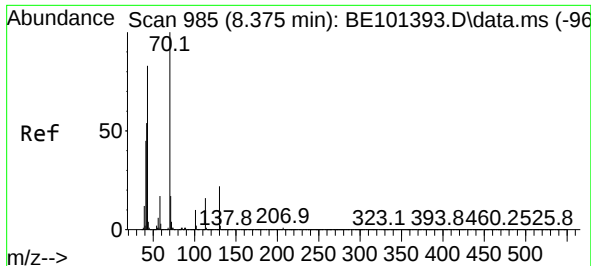
Reviewed By :Jagrut Upadhyay 10/30/2024  
Supervised By :mohammad ahmed 11/04/2024



#18  
Hexachloroethane  
Concen: 11.793 ng  
RT: 8.628 min Scan# 1028  
Delta R.T. -0.000 min  
Lab File: BE101405.D  
Acq: 29 Oct 2024 13:57

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 29879 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 119       | 98.1  | 77.0  | 115.4 |
| 201       | 107.9 | 85.3  | 127.9 |





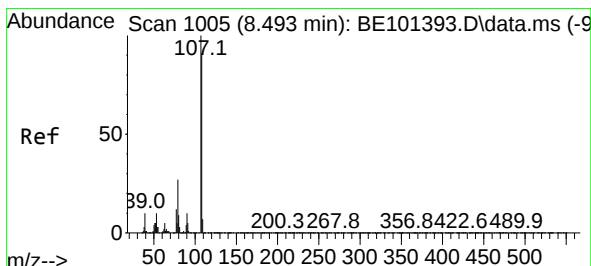
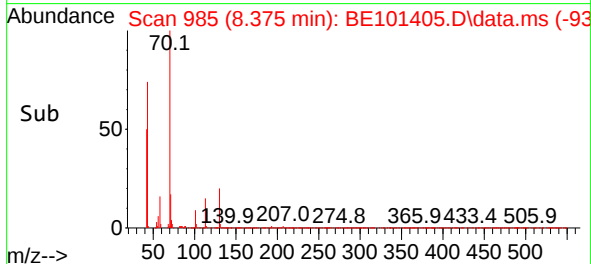
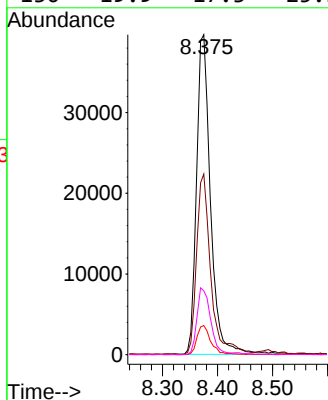
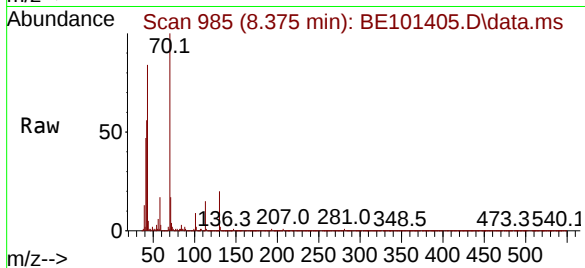
#19  
n-Nitroso-di-n-propylamine  
Concen: 12.981 ng  
RT: 8.375 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BE101405.D  
Acq: 29 Oct 2024 13:57

Instrument : BNA\_E  
ClientSampleId :  
LOQ-WATER-02-QT4-2024

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 70160 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 56.4  | 43.4  | 65.0  |
| 101      | 9.1   | 8.1   | 12.1  |
| 130      | 19.9  | 17.3  | 25.9  |

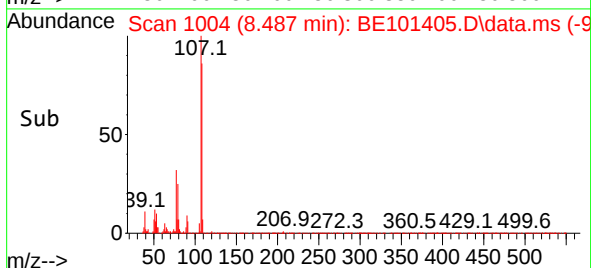
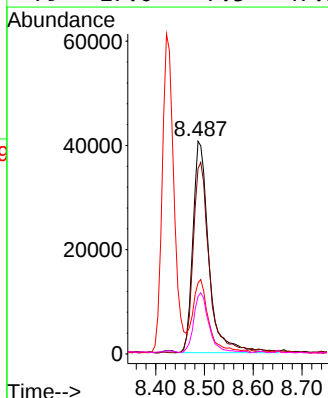
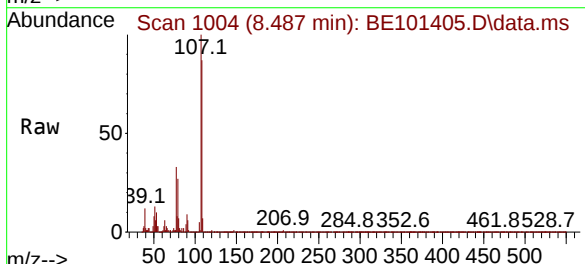
Manual Integrations  
APPROVED

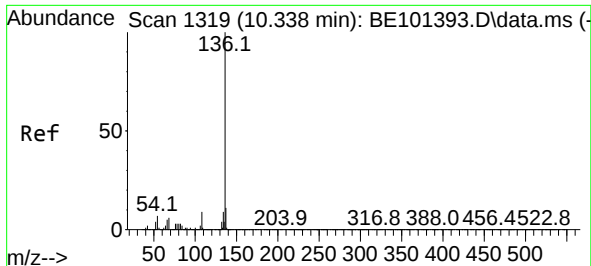
Reviewed By :Jagrut Upadhyay 10/30/2024  
Supervised By :mohammad ahmed 11/04/2024



#20  
3+4-Methylphenols  
Concen: 11.255 ng  
RT: 8.487 min Scan# 1004  
Delta R.T. -0.006 min  
Lab File: BE101405.D  
Acq: 29 Oct 2024 13:57

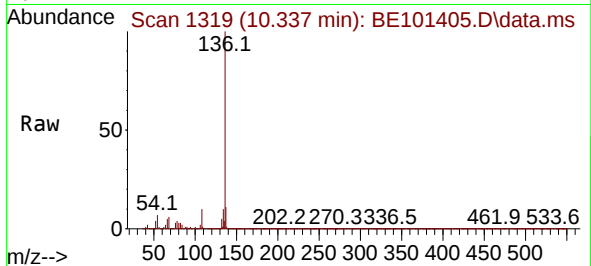
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 92932 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 87.2  | 70.6  | 110.6 |
| 77       | 33.4  | 11.3  | 51.3  |
| 79       | 27.0  | 7.3   | 47.3  |





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.337 min Scan# 1319  
Delta R.T. -0.000 min  
Lab File: BE101405.D  
Acq: 29 Oct 2024 13:57

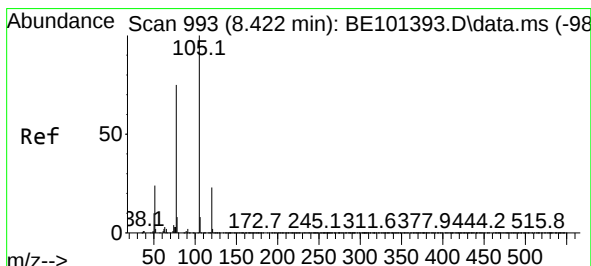
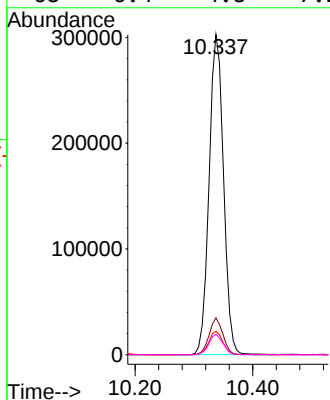
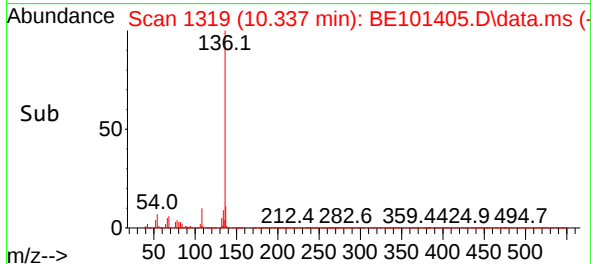
Instrument :  
BNA\_E  
ClientSampleId :  
LOQ-WATER-02-QT4-2024



Tgt Ion:136 Resp: 515854  
Ion Ratio Lower Upper  
136 100  
137 11.5 9.0 13.6  
54 7.3 5.9 8.9  
68 6.4 4.8 7.2

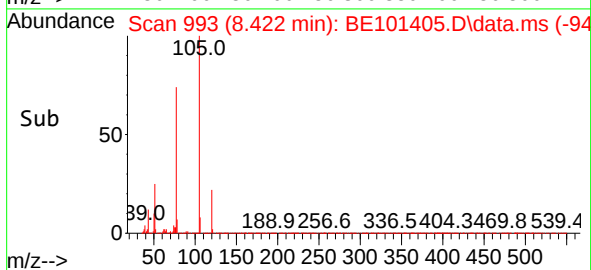
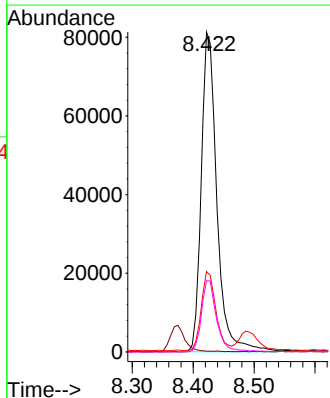
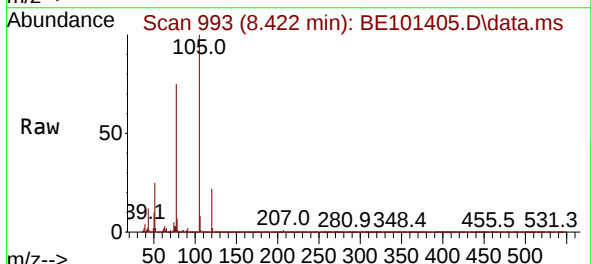
Manual Integrations  
APPROVED

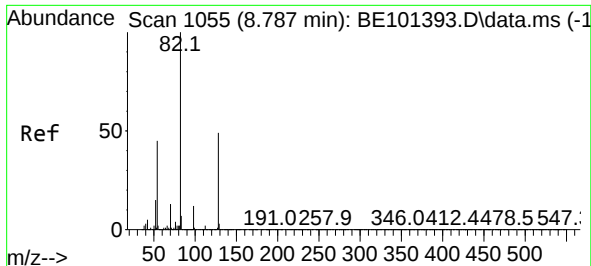
Reviewed By :Jagrut Upadhyay 10/30/2024  
Supervised By :mohammad ahmed 11/04/2024



#22  
Acetophenone  
Concen: 12.354 ng  
RT: 8.422 min Scan# 993  
Delta R.T. -0.000 min  
Lab File: BE101405.D  
Acq: 29 Oct 2024 13:57

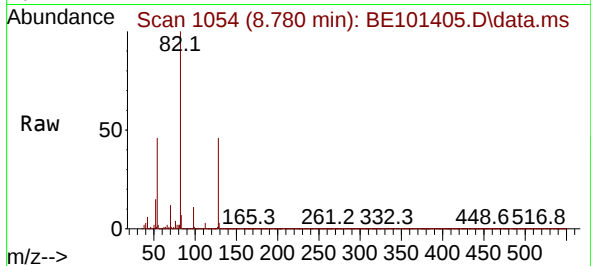
Tgt Ion:105 Resp: 144703  
Ion Ratio Lower Upper  
105 100  
71 0.2 0.1 0.1#  
51 25.2 19.4 29.0  
120 22.3 18.4 27.6





#23  
Nitrobenzene-d5  
Concen: 61.400 ng  
RT: 8.780 min Scan# 1055  
Delta R.T. -0.006 min  
Lab File: BE101405.D  
Acq: 29 Oct 2024 13:57

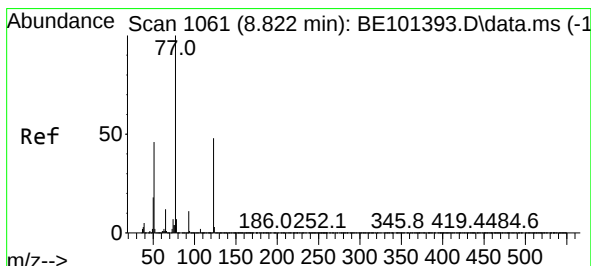
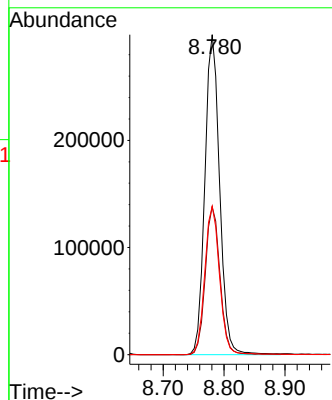
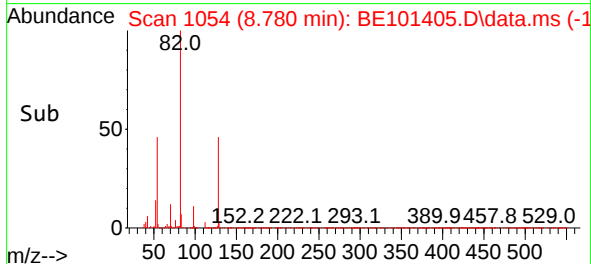
Instrument : BNA\_E  
ClientSampleId :  
LOQ-WATER-02-QT4-2024



Tgt Ion: 82 Resp: 504279  
Ion Ratio Lower Upper  
82 100  
128 46.3 38.9 58.3  
54 46.4 36.2 54.4

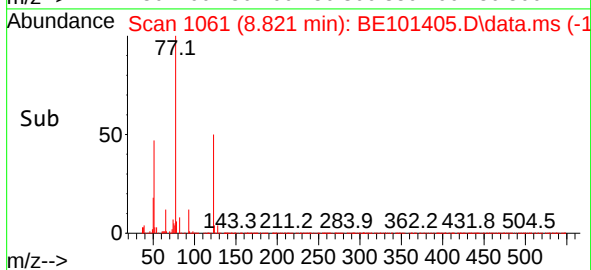
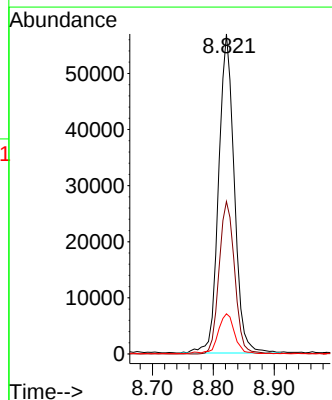
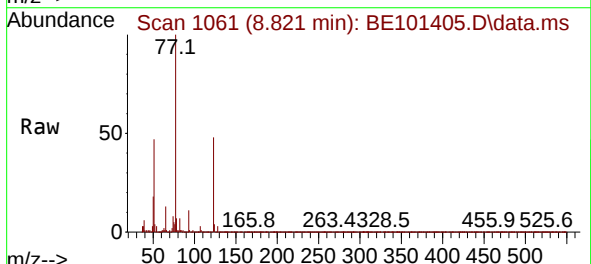
Manual Integrations  
APPROVED

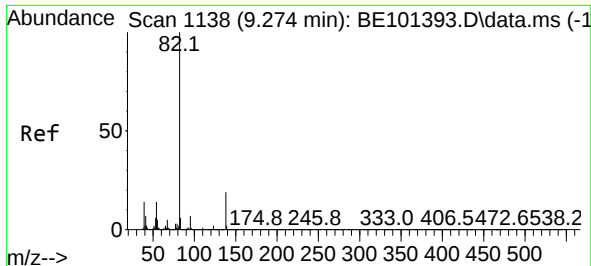
Reviewed By :Jagrut Upadhyay 10/30/2024  
Supervised By :mohammad ahmed 11/04/2024



#24  
Nitrobenzene  
Concen: 11.648 ng  
RT: 8.821 min Scan# 1061  
Delta R.T. -0.000 min  
Lab File: BE101405.D  
Acq: 29 Oct 2024 13:57

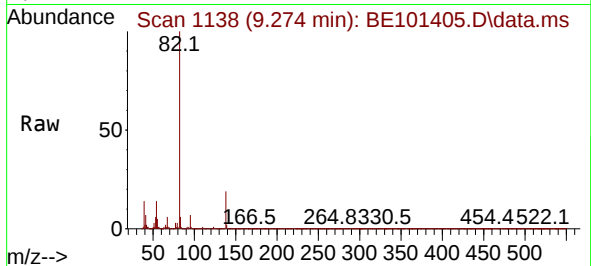
Tgt Ion: 77 Resp: 101824  
Ion Ratio Lower Upper  
77 100  
123 47.7 38.7 58.1  
65 12.6 10.0 15.0





#25  
Isophorone  
Concen: 12.134 ng  
RT: 9.274 min Scan# 1138  
Delta R.T. -0.000 min  
Lab File: BE101405.D  
Acq: 29 Oct 2024 13:57

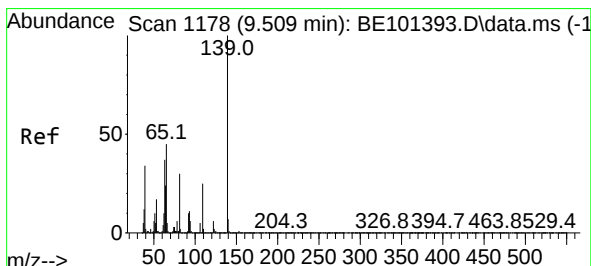
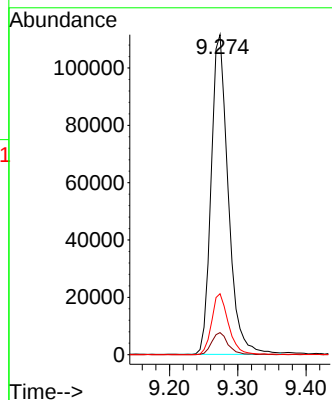
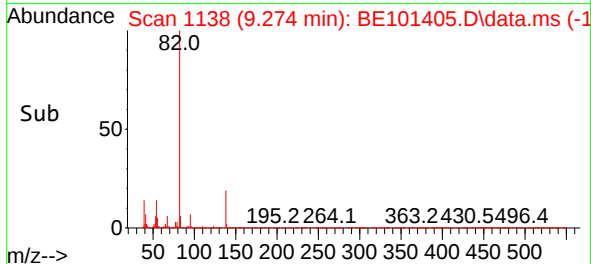
Instrument : BNA\_E  
ClientSampleId :  
LOQ-WATER-02-QT4-2024



Tgt Ion: 82 Resp: 19447  
Ion Ratio Lower Upper  
82 100  
95 6.9 5.5 8.3  
138 19.0 15.0 22.4

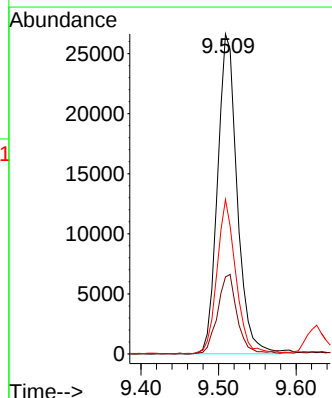
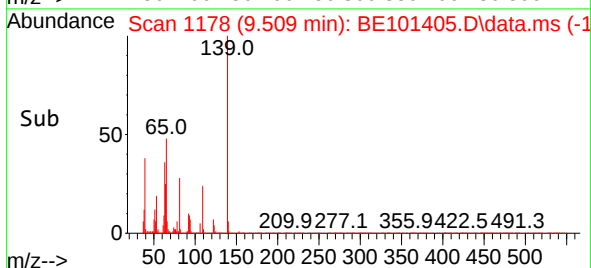
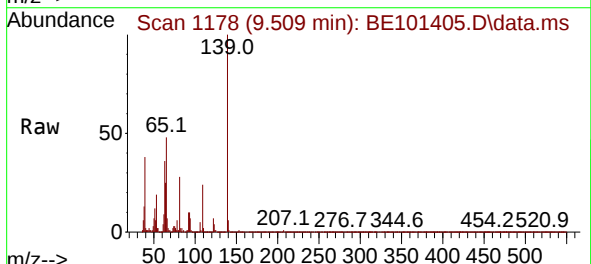
Manual Integrations  
APPROVED

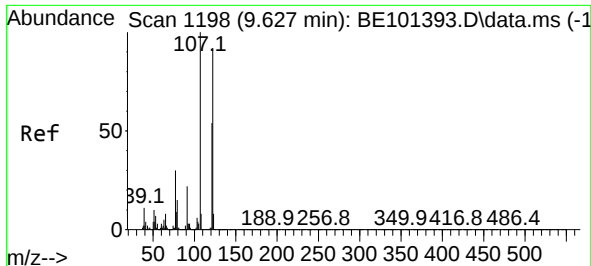
Reviewed By :Jagrut Upadhyay 10/30/2024  
Supervised By :mohammad ahmed 11/04/2024



#26  
2-Nitrophenol  
Concen: 11.081 ng  
RT: 9.509 min Scan# 1178  
Delta R.T. -0.000 min  
Lab File: BE101405.D  
Acq: 29 Oct 2024 13:57

Tgt Ion:139 Resp: 46817  
Ion Ratio Lower Upper  
139 100  
109 24.0 20.1 30.1  
65 48.2 36.0 54.0





#27

2,4-Dimethylphenol

Concen: 8.352 ng

RT: 9.626 min Scan# 1198

Delta R.T. -0.000 min

Lab File: BE101405.D

Acq: 29 Oct 2024 13:57

Instrument :

BNA\_E

ClientSampleId :

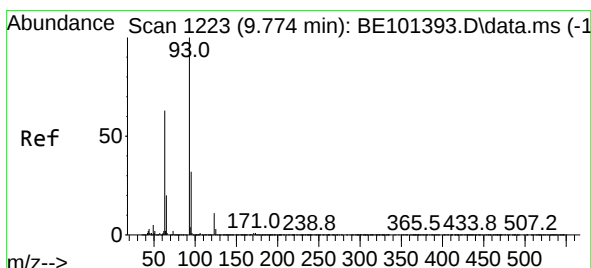
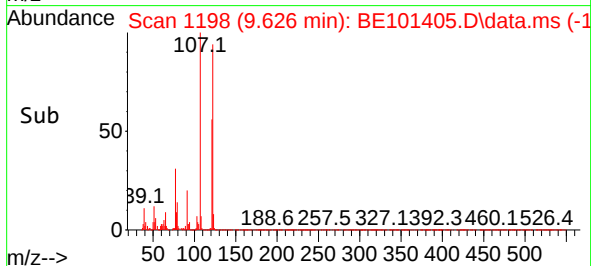
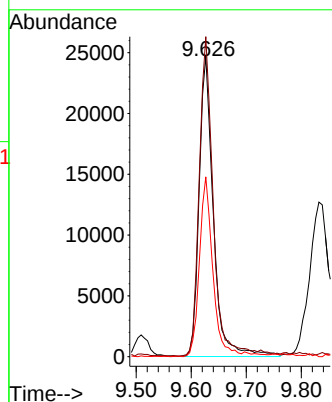
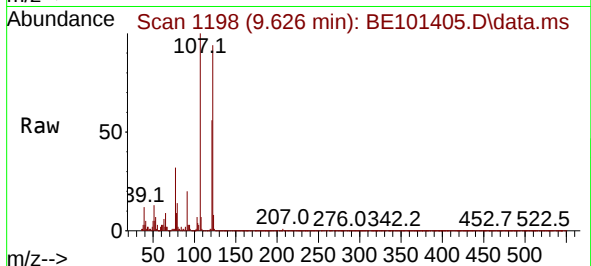
LOQ-WATER-02-QT4-2024

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 122   | Resp: | 4440  |
| Ion      | Ratio | Lower | Upper |
| 122      | 100   |       |       |
| 107      | 106.5 | 87.4  | 131.0 |
| 121      | 59.8  | 47.4  | 71.0  |

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024  
Supervised By :mohammad ahmed 11/04/2024



#28

bis(2-Chloroethoxy)methane

Concen: 12.335 ng

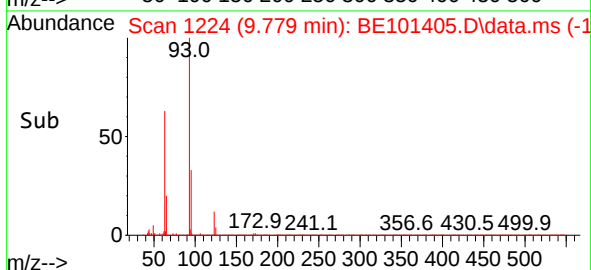
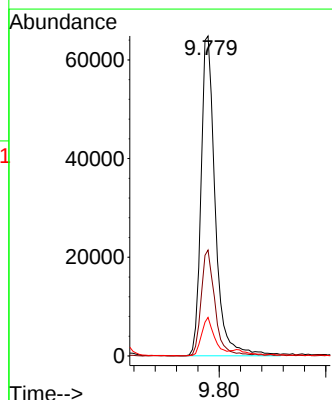
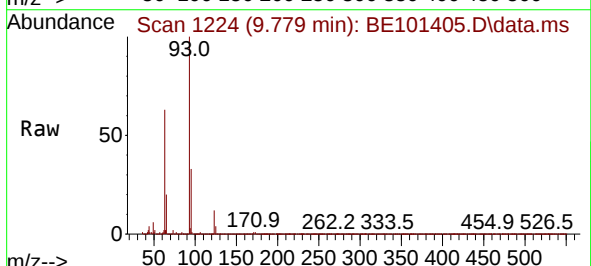
RT: 9.779 min Scan# 1224

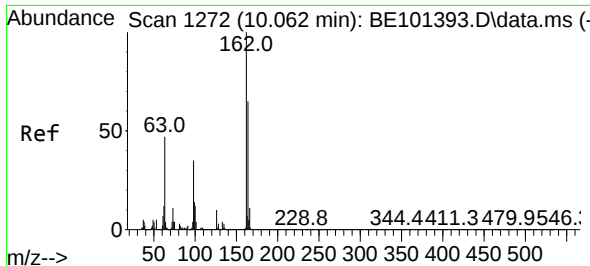
Delta R.T. 0.005 min

Lab File: BE101405.D

Acq: 29 Oct 2024 13:57

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 119892 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 95       | 33.1  | 25.8  | 38.6   |
| 123      | 12.1  | 8.6   | 13.0   |





#29

2,4-Dichlorophenol

Concen: 11.513 ng

RT: 10.055 min Scan# 1272

Delta R.T. -0.006 min

Lab File: BE101405.D

Acq: 29 Oct 2024 13:57

Instrument :

BNA\_E

ClientSampleId :

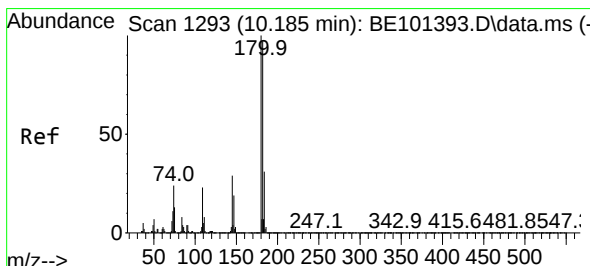
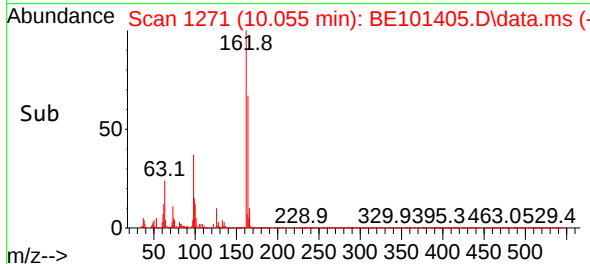
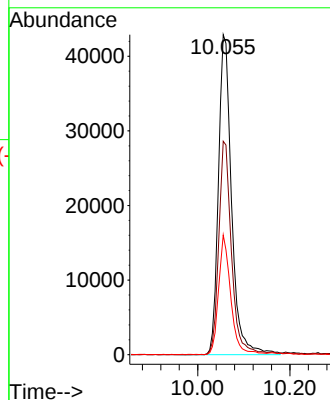
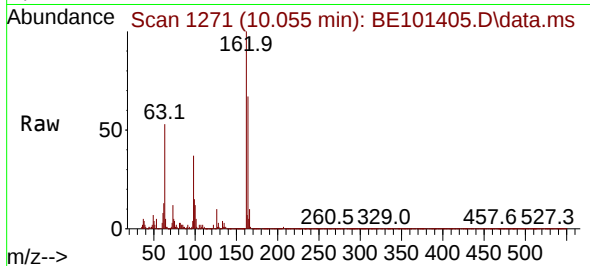
LOQ-WATER-02-QT4-2024

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 162   | Resp: | 8468 |
| Ion Ratio | Lower | Upper |      |
| 162       | 100   |       |      |
| 164       | 66.7  | 45.4  | 85.4 |
| 98        | 37.4  | 14.5  | 54.5 |

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024  
Supervised By :mohammad ahmed 11/04/2024



#30

1,2,4-Trichlorobenzene

Concen: 11.724 ng

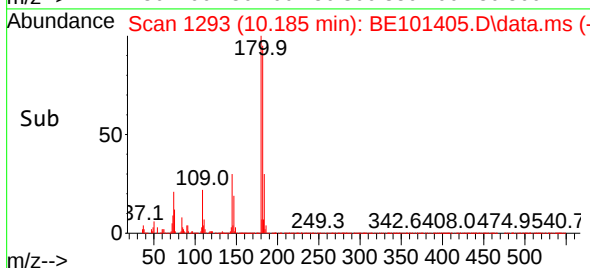
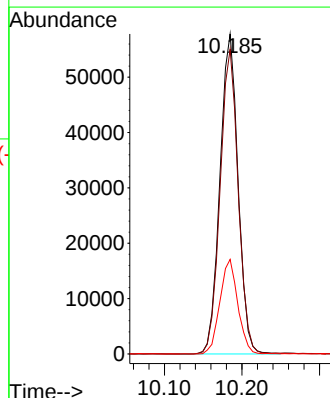
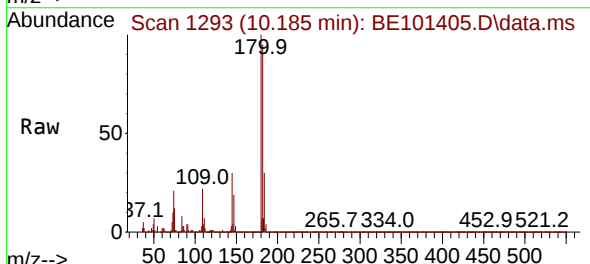
RT: 10.185 min Scan# 1293

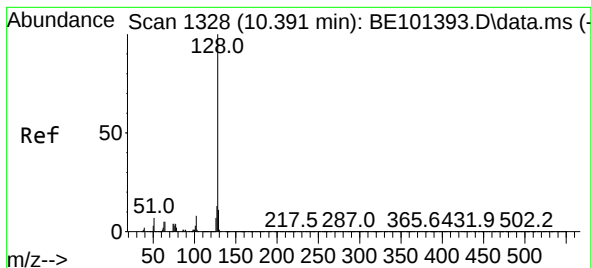
Delta R.T. -0.000 min

Lab File: BE101405.D

Acq: 29 Oct 2024 13:57

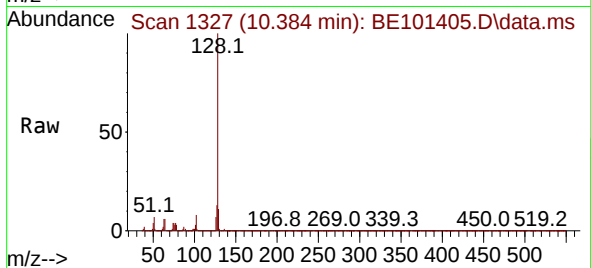
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 93934 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 95.2  | 77.4  | 116.0 |
| 145       | 29.5  | 23.3  | 34.9  |





#31  
Naphthalene  
Concen: 11.956 ng  
RT: 10.384 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BE101405.D  
Acq: 29 Oct 2024 13:57

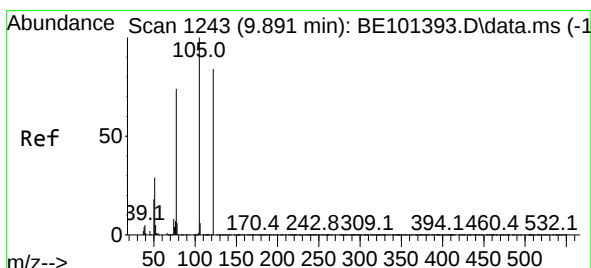
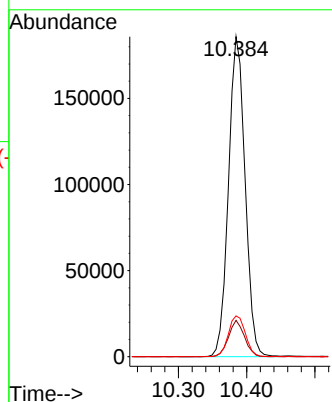
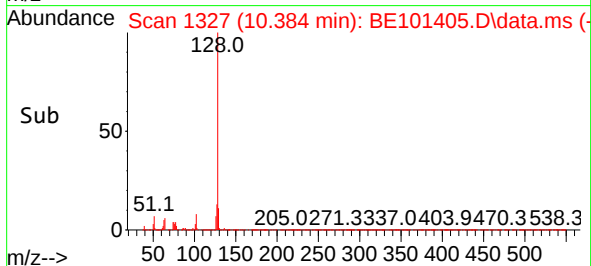
Instrument : BNA\_E  
ClientSampleId :  
LOQ-WATER-02-QT4-2024



Tgt Ion:128 Resp: 31430  
Ion Ratio Lower Upper  
128 100  
129 11.3 8.8 13.2  
127 12.8 10.3 15.5

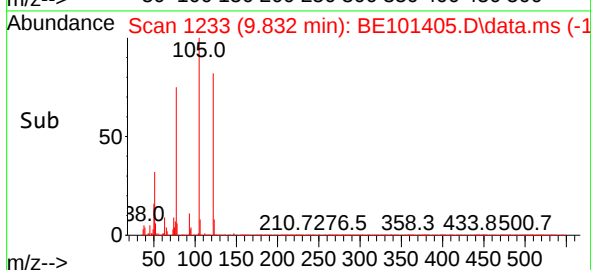
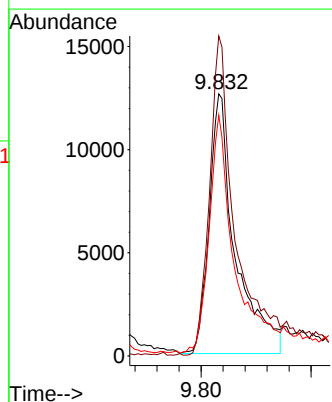
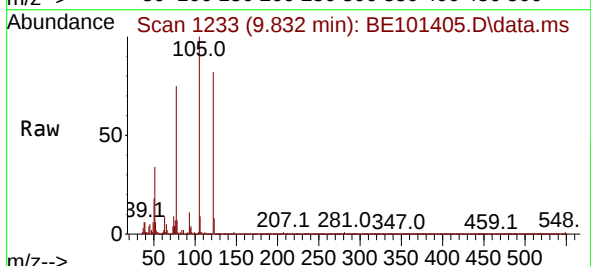
Manual Integrations  
APPROVED

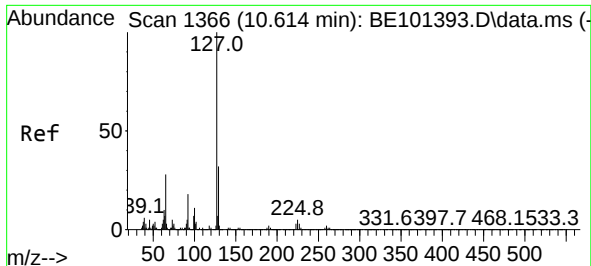
Reviewed By :Jagrut Upadhyay 10/30/2024  
Supervised By :mohammad ahmed 11/04/2024



#32  
Benzoic acid  
Concen: 14.516 ng  
RT: 9.832 min Scan# 1233  
Delta R.T. -0.059 min  
Lab File: BE101405.D  
Acq: 29 Oct 2024 13:57

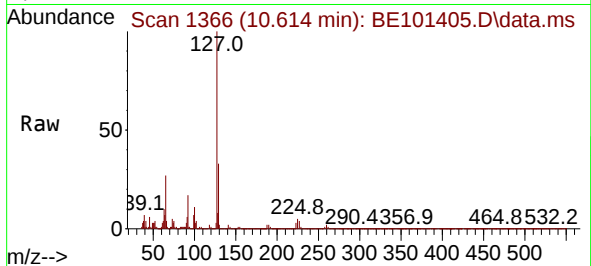
Tgt Ion:122 Resp: 41573  
Ion Ratio Lower Upper  
122 100  
105 122.1 97.9 137.9  
77 91.8 68.1 108.1





#33  
4-Chloroaniline  
Concen: 13.277 ng  
RT: 10.614 min Scan# 1366  
Delta R.T. -0.000 min  
Lab File: BE101405.D  
Acq: 29 Oct 2024 13:57

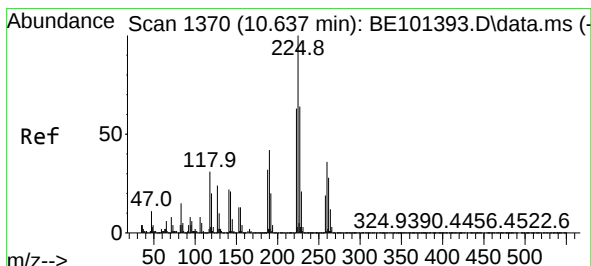
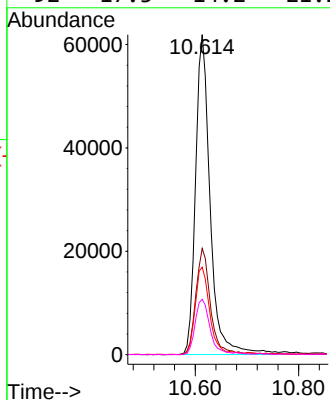
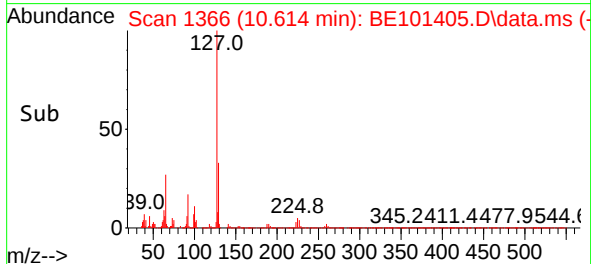
Instrument :  
BNA\_E  
ClientSampleId :  
LOQ-WATER-02-QT4-2024



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 33.2  | 25.7  | 38.5  |
| 65      | 27.4  | 22.2  | 33.4  |
| 92      | 17.3  | 14.2  | 21.2  |

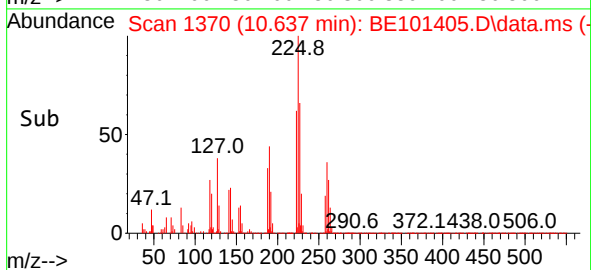
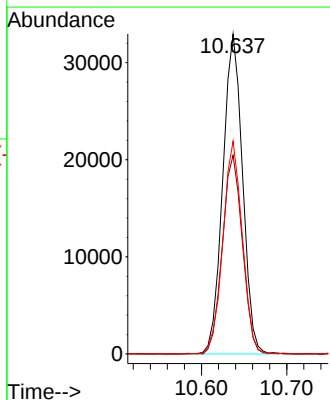
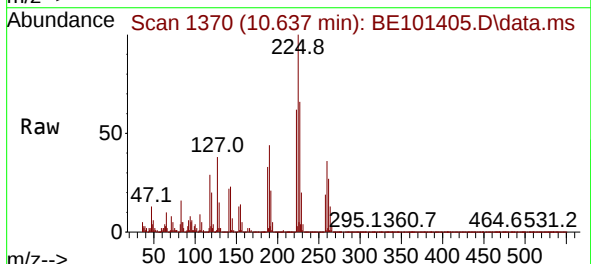
Manual Integrations  
APPROVED

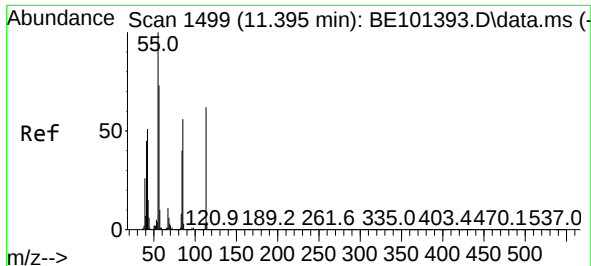
Reviewed By :Jagrut Upadhyay 10/30/2024  
Supervised By :mohammad ahmed 11/04/2024



#34  
Hexachlorobutadiene  
Concen: 11.178 ng  
RT: 10.637 min Scan# 1370  
Delta R.T. -0.000 min  
Lab File: BE101405.D  
Acq: 29 Oct 2024 13:57

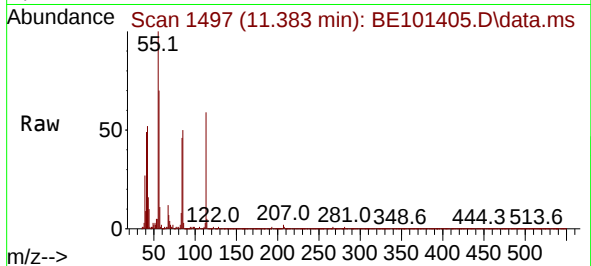
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.1  | 50.5  | 75.7  |
| 227     | 66.5  | 51.0  | 76.6  |





#35  
Caprolactam  
Concen: 10.901 ng  
RT: 11.383 min Scan# 1499  
Delta R.T. -0.012 min  
Lab File: BE101405.D  
Acq: 29 Oct 2024 13:57

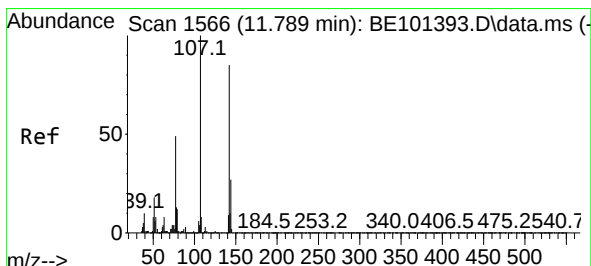
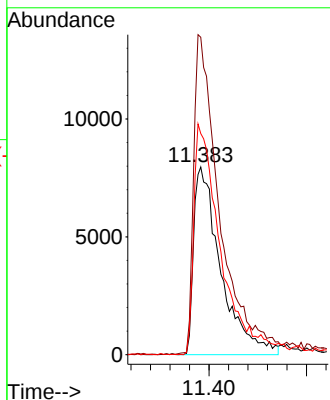
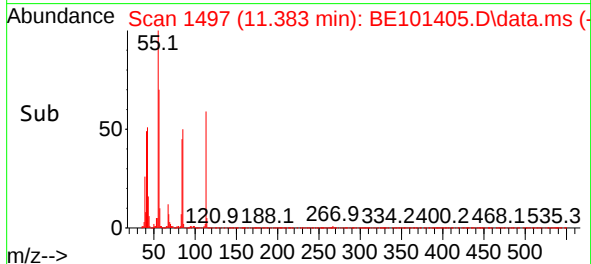
Instrument : BNA\_E  
ClientSampleId :  
LOQ-WATER-02-QT4-2024



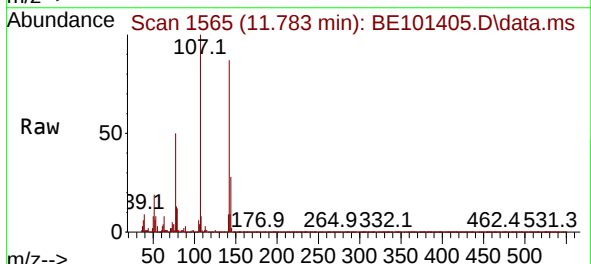
Tgt Ion:113 Resp: 30734  
Ion Ratio Lower Upper  
113 100  
55 169.1 141.2 181.2  
56 117.8 96.9 136.9

Manual Integrations  
APPROVED

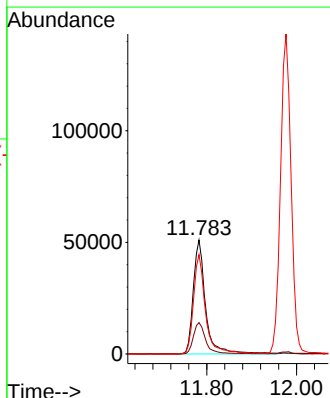
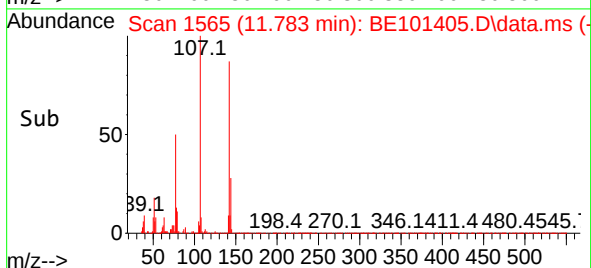
Reviewed By :Jagrut Upadhyay 10/30/2024  
Supervised By :mohammad ahmed 11/04/2024

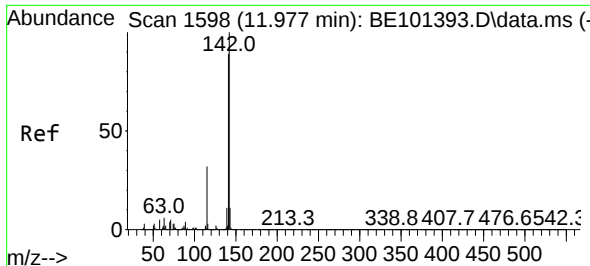


#36  
4-Chloro-3-methylphenol  
Concen: 11.554 ng  
RT: 11.783 min Scan# 1565  
Delta R.T. -0.006 min  
Lab File: BE101405.D  
Acq: 29 Oct 2024 13:57



Tgt Ion:107 Resp: 96762  
Ion Ratio Lower Upper  
107 100  
144 27.5 21.9 32.9  
142 87.3 68.0 102.0





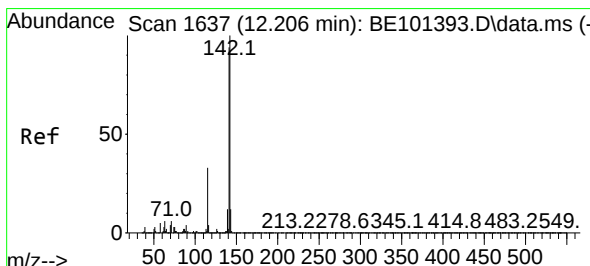
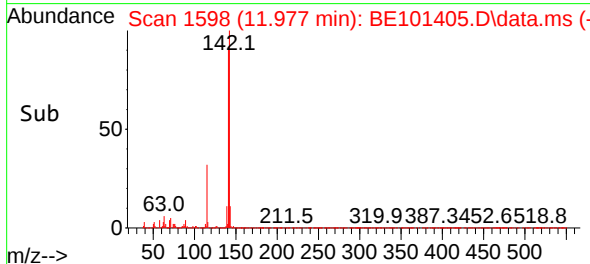
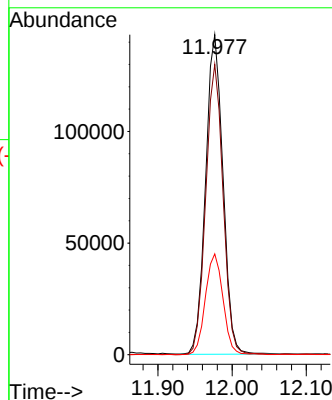
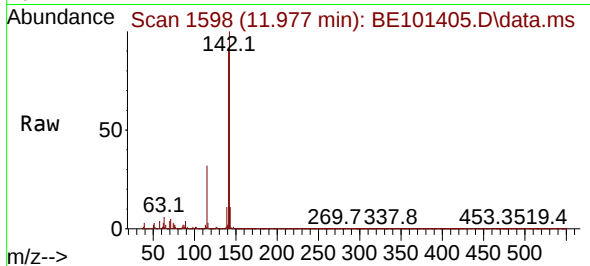
#37  
2-Methylnaphthalene  
Concen: 12.305 ng  
RT: 11.977 min Scan# 1598  
Delta R.T. -0.000 min  
Lab File: BE101405.D  
Acq: 29 Oct 2024 13:57

Instrument :  
BNA\_E  
ClientSampleId :  
LOQ-WATER-02-QT4-2024

Tgt Ion:142 Resp: 233030  
Ion Ratio Lower Upper  
142 100  
141 90.7 71.4 107.2  
115 31.5 25.6 38.4

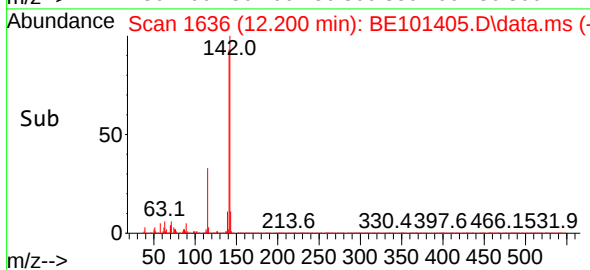
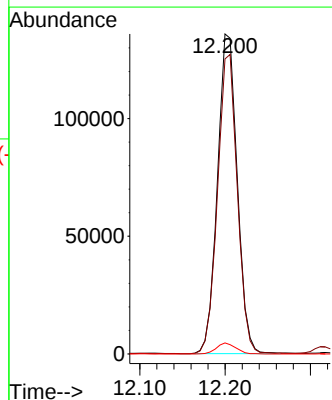
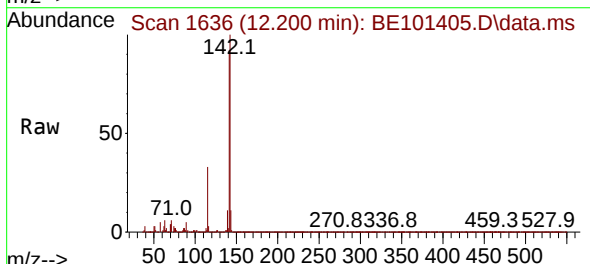
Manual Integrations  
APPROVED

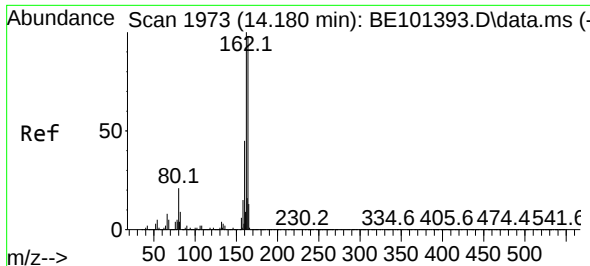
Reviewed By :Jagrut Upadhyay 10/30/2024  
Supervised By :mohammad ahmed 11/04/2024



#38  
1-Methylnaphthalene  
Concen: 11.591 ng  
RT: 12.200 min Scan# 1636  
Delta R.T. -0.006 min  
Lab File: BE101405.D  
Acq: 29 Oct 2024 13:57

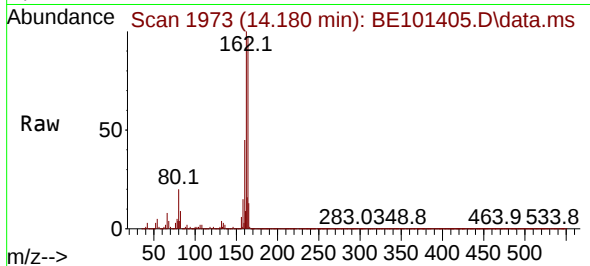
Tgt Ion:142 Resp: 219089  
Ion Ratio Lower Upper  
142 100  
141 92.2 75.0 112.4  
116 3.4 2.9 4.3





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.180 min Scan# 1973  
Delta R.T. -0.000 min  
Lab File: BE101405.D  
Acq: 29 Oct 2024 13:57

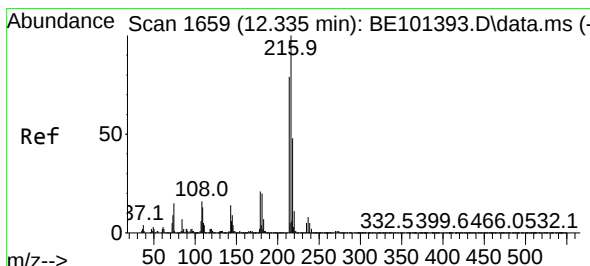
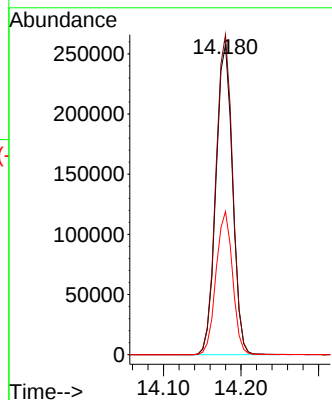
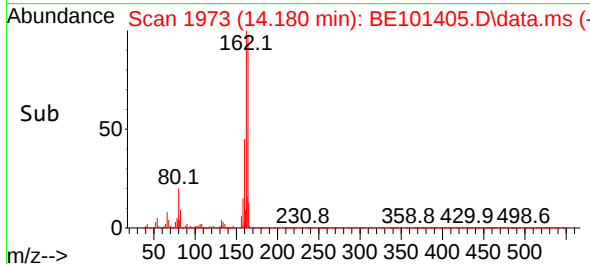
Instrument : BNA\_E  
ClientSampleId :  
LOQ-WATER-02-QT4-2024



Tgt Ion:164 Resp: 383768  
Ion Ratio Lower Upper  
164 100  
162 103.2 81.3 121.9  
160 46.2 36.4 54.6

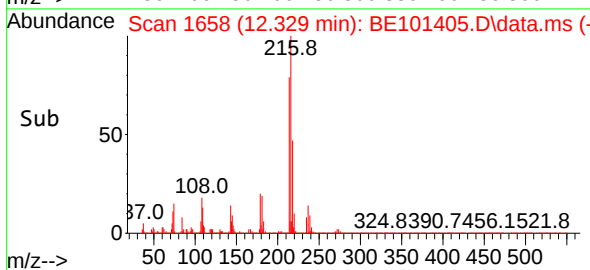
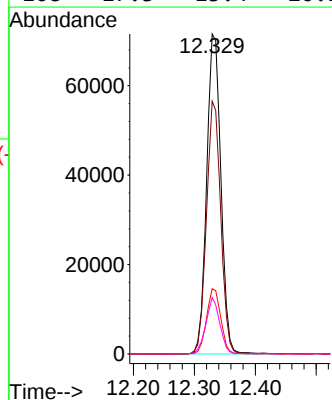
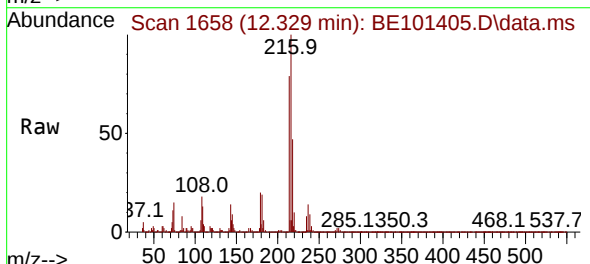
Manual Integrations  
APPROVED

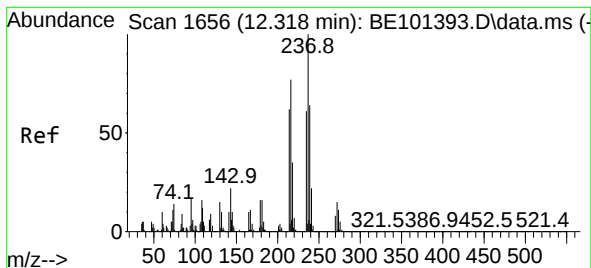
Reviewed By :Jagrut Upadhyay 10/30/2024  
Supervised By :mohammad ahmed 11/04/2024



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 12.051 ng  
RT: 12.329 min Scan# 1658  
Delta R.T. -0.006 min  
Lab File: BE101405.D  
Acq: 29 Oct 2024 13:57

Tgt Ion:216 Resp: 116103  
Ion Ratio Lower Upper  
216 100  
214 79.1 63.0 94.4  
179 20.5 16.7 25.1  
108 17.3 13.4 20.2





#41

Hexachlorocyclopentadiene

Concen: 12.103 ng

RT: 12.317 min Scan# 1

Delta R.T. -0.000 min

Lab File: BE101405.D

Acq: 29 Oct 2024 13:57

Instrument :

BNA\_E

ClientSampleId :

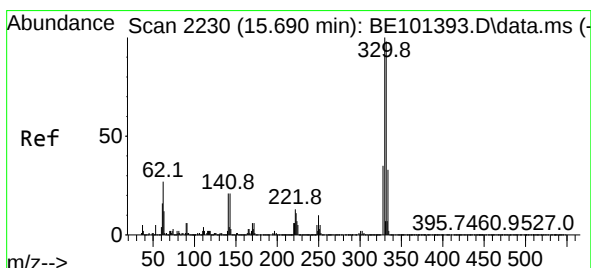
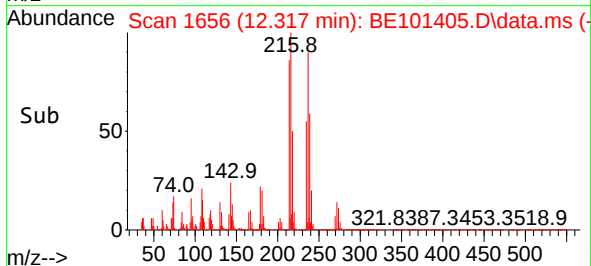
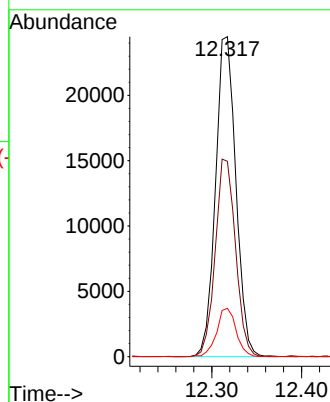
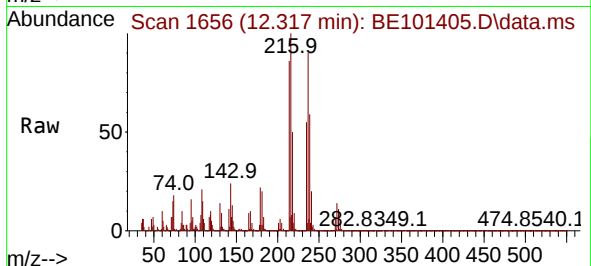
LOQ-WATER-02-QT4-2024

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 237   | Resp: | 38509 |
| Ion Ratio | Lower | Upper |       |
| 237       | 100   |       |       |
| 235       | 61.1  | 41.3  | 81.3  |
| 272       | 15.1  | 0.0   | 34.6  |

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024  
Supervised By :mohammad ahmed 11/04/2024



#42

2,4,6-Tribromophenol

Concen: 88.713 ng

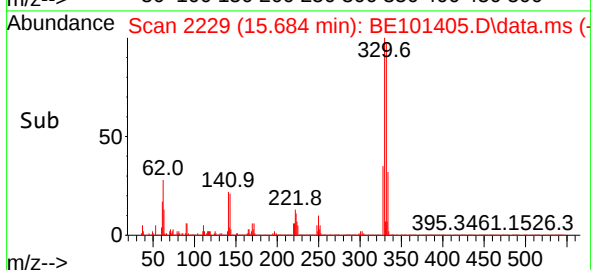
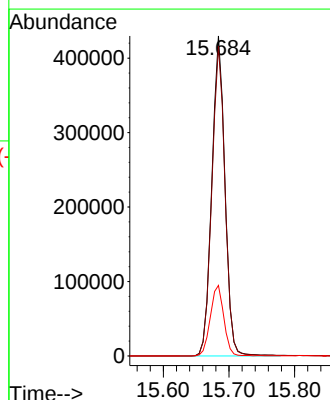
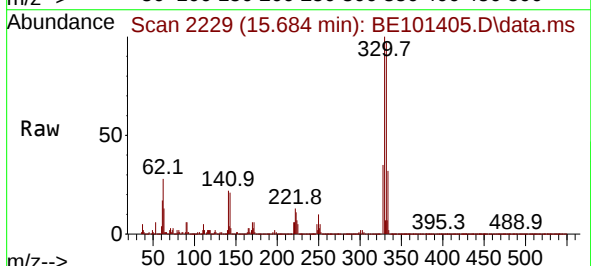
RT: 15.684 min Scan# 2229

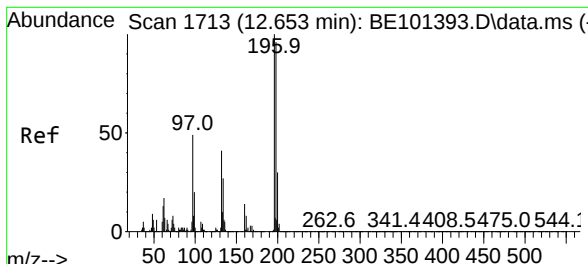
Delta R.T. -0.006 min

Lab File: BE101405.D

Acq: 29 Oct 2024 13:57

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 596703 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 97.7  | 78.2  | 117.2  |
| 141       | 22.7  | 18.3  | 27.5   |





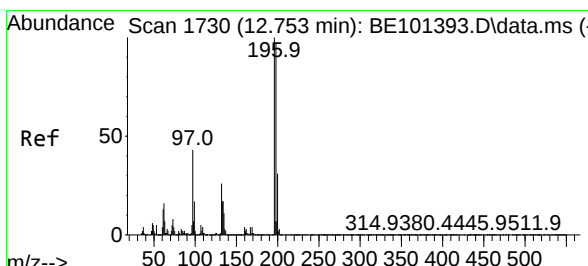
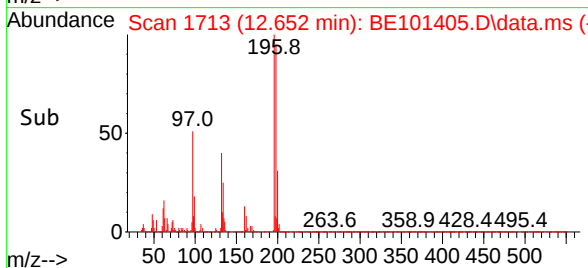
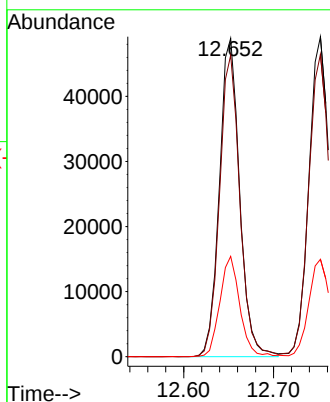
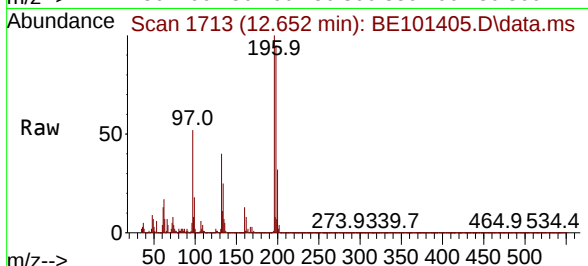
#43  
2,4,6-Trichlorophenol  
Concen: 11.526 ng  
RT: 12.652 min Scan# 1713  
Delta R.T. -0.000 min  
Lab File: BE101405.D  
Acq: 29 Oct 2024 13:57

Instrument : BNA\_E  
ClientSampleId :  
LOQ-WATER-02-QT4-2024

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:196 | Resp: | 76549      |
| Ion Ratio   | Lower | Upper      |
| 196         | 100   |            |
| 198         | 94.7  | 76.6 115.0 |
| 200         | 31.5  | 24.1 36.1  |

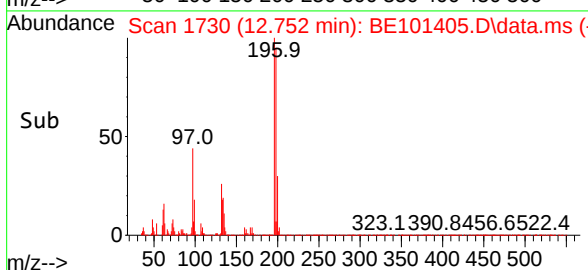
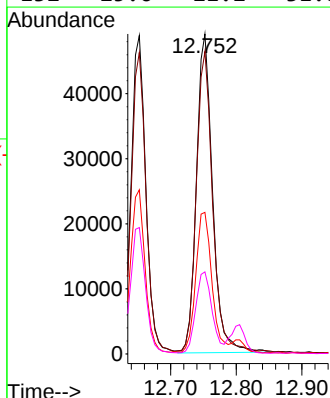
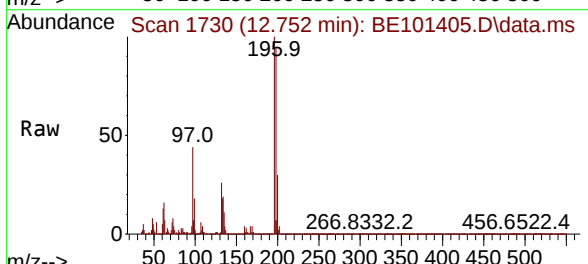
Manual Integrations  
APPROVED

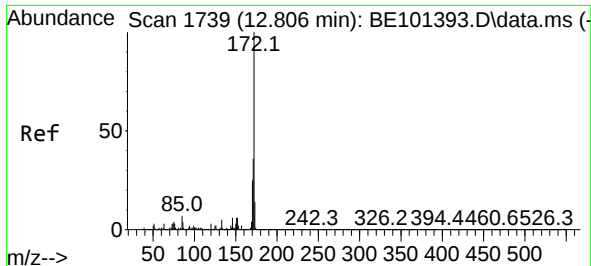
Reviewed By :Jagrut Upadhyay 10/30/2024  
Supervised By :mohammad ahmed 11/04/2024



#44  
2,4,5-Trichlorophenol  
Concen: 11.066 ng  
RT: 12.752 min Scan# 1730  
Delta R.T. -0.000 min  
Lab File: BE101405.D  
Acq: 29 Oct 2024 13:57

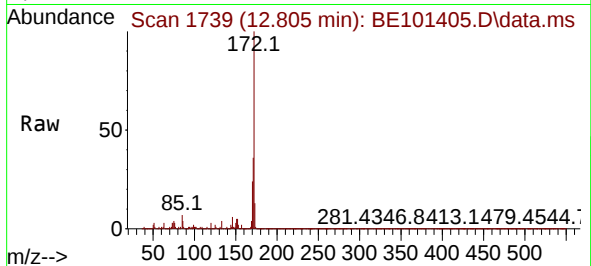
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:196 | Resp: | 84162      |
| Ion Ratio   | Lower | Upper      |
| 196         | 100   |            |
| 198         | 94.5  | 77.4 116.0 |
| 97          | 44.2  | 34.8 52.2  |
| 132         | 25.6  | 21.2 31.8  |





#45  
2-Fluorobiphenyl  
Concen: 64.662 ng  
RT: 12.805 min Scan# 1739  
Delta R.T. -0.000 min  
Lab File: BE101405.D  
Acq: 29 Oct 2024 13:57

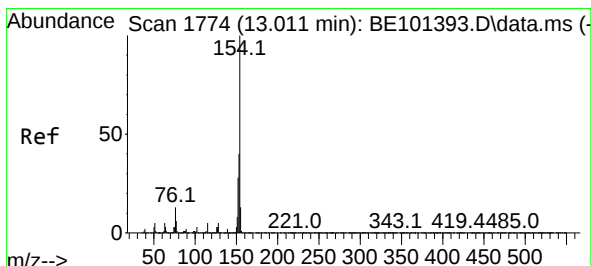
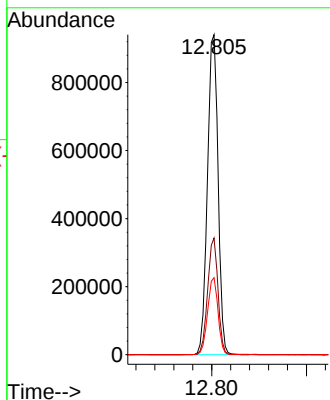
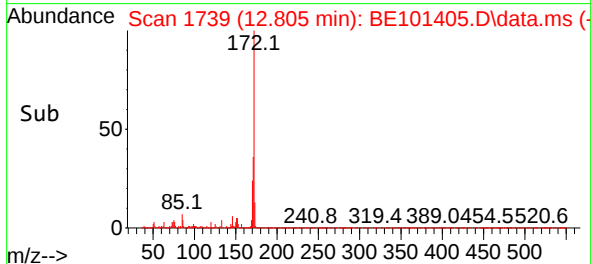
Instrument :  
BNA\_E  
ClientSampleId :  
LOQ-WATER-02-QT4-2024



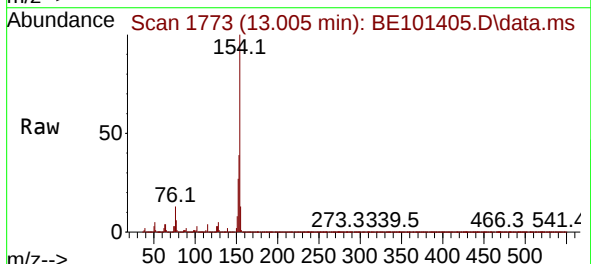
Tgt Ion:172 Resp: 146528  
Ion Ratio Lower Upper  
172 100  
171 36.4 29.2 43.8  
170 24.0 19.8 29.6

Manual Integrations  
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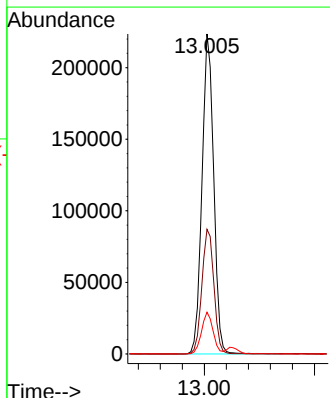
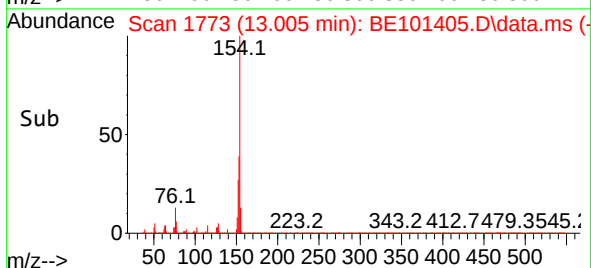
Reviewed By :Jagrut Upadhyay 10/30/2024  
Supervised By :mohammad ahmed 11/04/2024

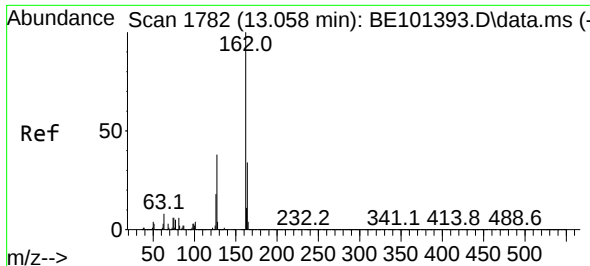


#46  
1,1'-Biphenyl  
Concen: 12.537 ng  
RT: 13.005 min Scan# 1773  
Delta R.T. -0.006 min  
Lab File: BE101405.D  
Acq: 29 Oct 2024 13:57



Tgt Ion:154 Resp: 329618  
Ion Ratio Lower Upper  
154 100  
153 39.0 20.3 60.3  
76 13.0 0.0 32.6





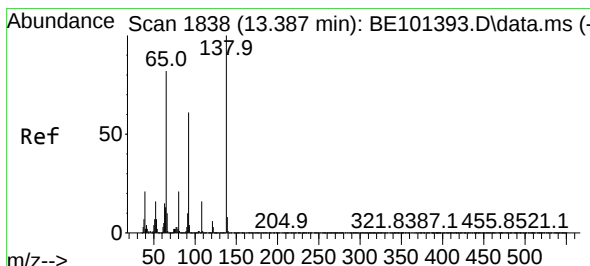
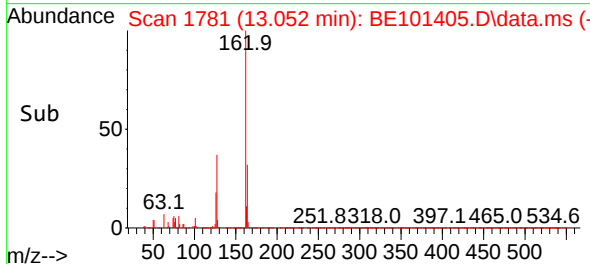
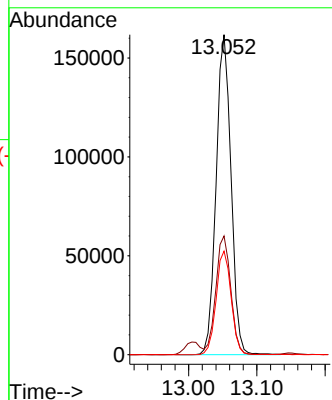
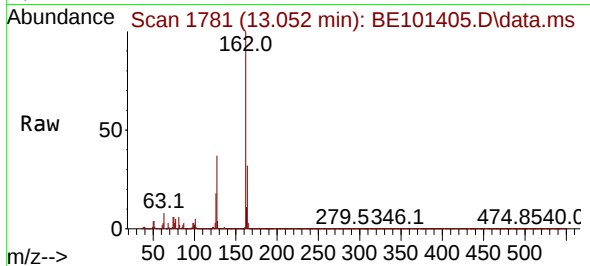
#47  
2-Chloronaphthalene  
Concen: 11.817 ng  
RT: 13.052 min Scan# 1781  
Delta R.T. -0.006 min  
Lab File: BE101405.D  
Acq: 29 Oct 2024 13:57

Instrument : BNA\_E  
ClientSampleId :  
LOQ-WATER-02-QT4-2024

Tgt Ion:162 Resp: 245468  
Ion Ratio Lower Upper  
162 100  
127 37.1 30.4 45.6  
164 32.4 27.0 40.6

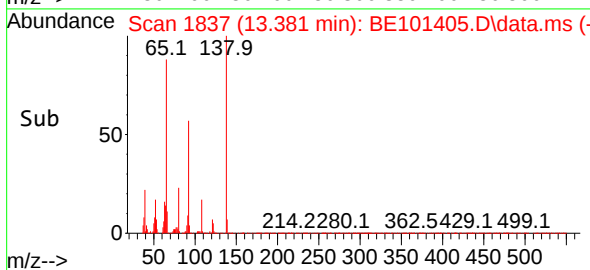
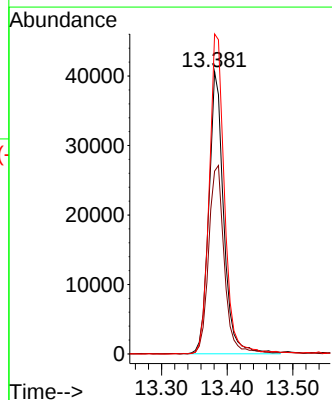
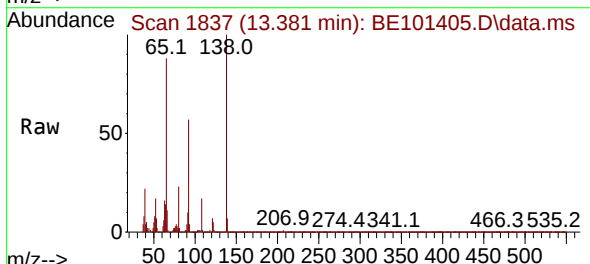
Manual Integrations  
APPROVED

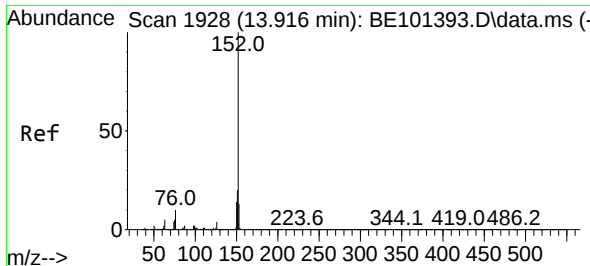
Reviewed By :Jagrut Upadhyay 10/30/2024  
Supervised By :mohammad ahmed 11/04/2024



#48  
2-Nitroaniline  
Concen: 11.482 ng  
RT: 13.381 min Scan# 1837  
Delta R.T. -0.006 min  
Lab File: BE101405.D  
Acq: 29 Oct 2024 13:57

Tgt Ion: 65 Resp: 64187  
Ion Ratio Lower Upper  
65 100  
92 64.8 59.0 88.4  
138 113.4 97.4 146.0





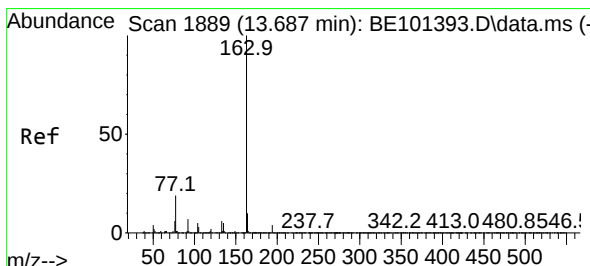
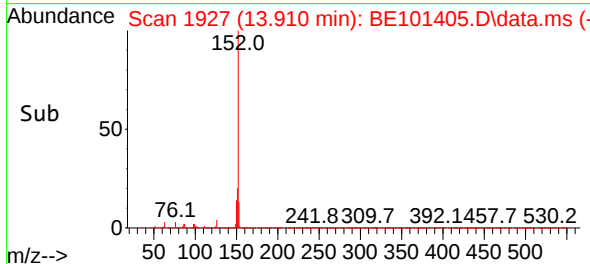
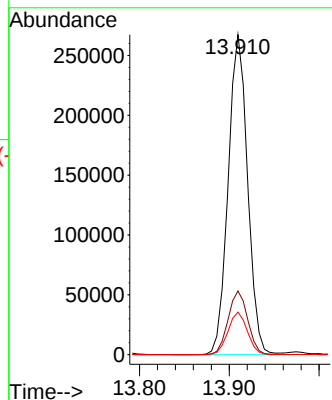
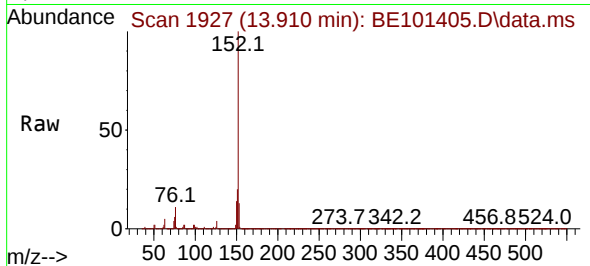
#49  
Acenaphthylene  
Concen: 13.057 ng  
RT: 13.910 min Scan# 1927  
Delta R.T. -0.006 min  
Lab File: BE101405.D  
Acq: 29 Oct 2024 13:57

Instrument :  
BNA\_E  
ClientSampleId :  
LOQ-WATER-02-QT4-2024

Tgt Ion:152 Resp: 40110  
Ion Ratio Lower Upper  
152 100  
151 19.9 16.2 24.4  
153 13.3 10.5 15.7

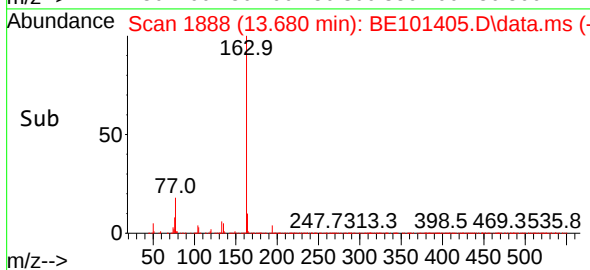
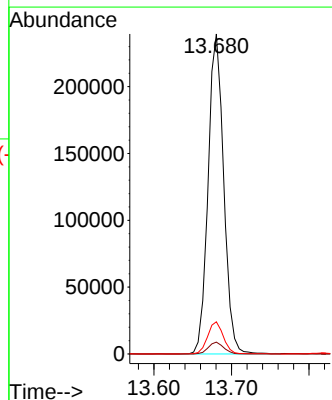
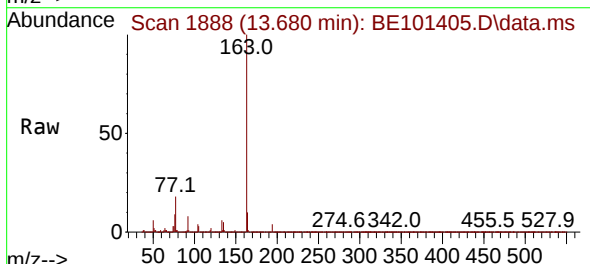
Manual Integrations  
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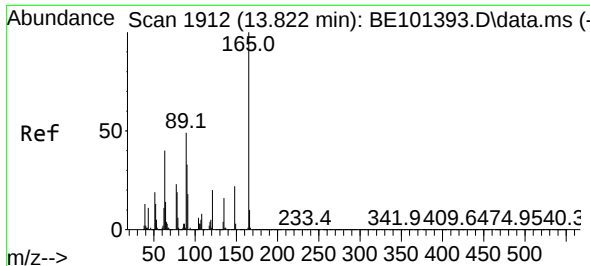
Reviewed By :Jagrut Upadhyay 10/30/2024  
Supervised By :mohammad ahmed 11/04/2024



#50  
Dimethylphthalate  
Concen: 12.335 ng  
RT: 13.680 min Scan# 1888  
Delta R.T. -0.006 min  
Lab File: BE101405.D  
Acq: 29 Oct 2024 13:57

Tgt Ion:163 Resp: 334147  
Ion Ratio Lower Upper  
163 100  
194 3.7 2.9 4.3  
164 10.0 8.4 12.6





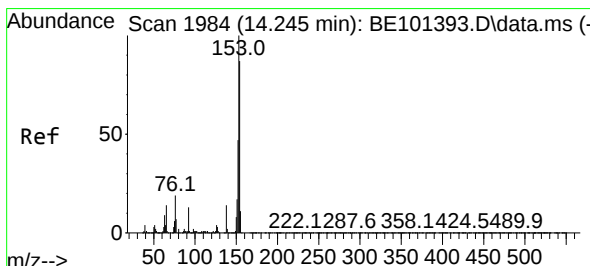
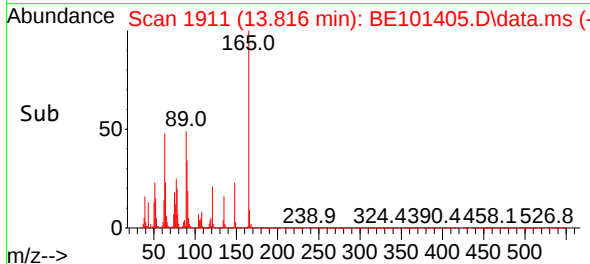
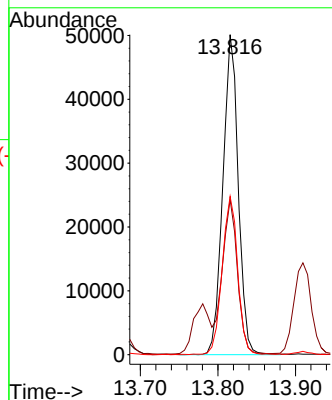
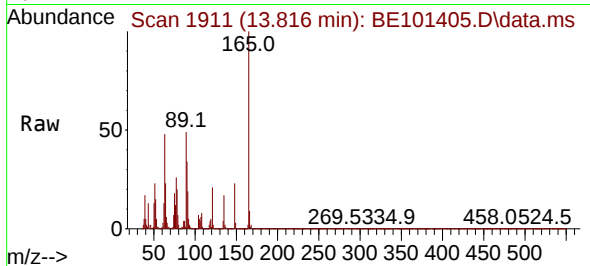
#51  
2,6-Dinitrotoluene  
Concen: 11.073 ng  
RT: 13.816 min Scan# 1911  
Delta R.T. -0.006 min  
Lab File: BE101405.D  
Acq: 29 Oct 2024 13:57

Instrument :  
BNA\_E  
ClientSampleId :  
LOQ-WATER-02-QT4-2024

Tgt Ion:165 Resp: 69254  
Ion Ratio Lower Upper  
165 100  
63 48.5 38.0 57.0  
89 49.4 39.5 59.3

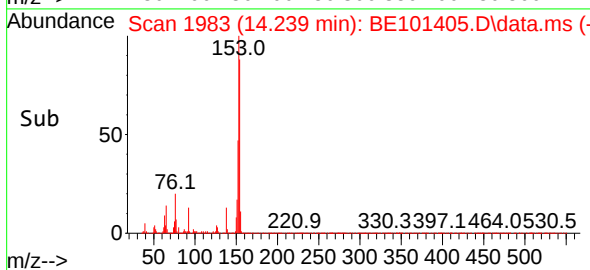
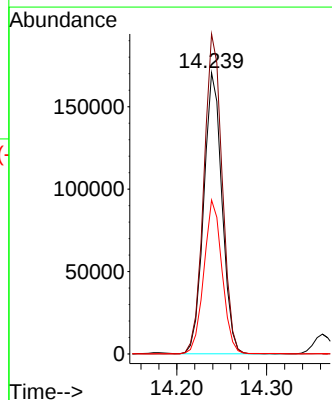
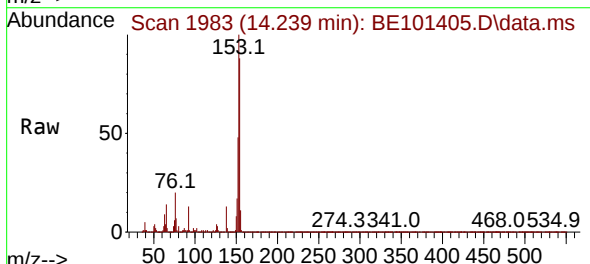
Manual Integrations  
APPROVED

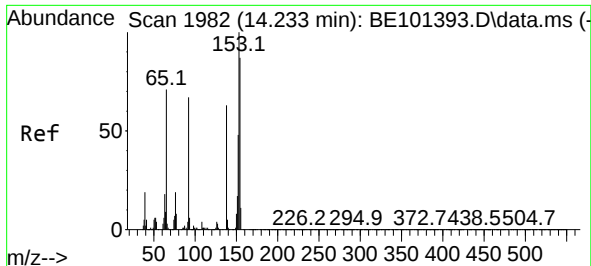
Reviewed By :Jagrut Upadhyay 10/30/2024  
Supervised By :mohammad ahmed 11/04/2024



#52  
Acenaphthene  
Concen: 12.000 ng  
RT: 14.239 min Scan# 1983  
Delta R.T. -0.006 min  
Lab File: BE101405.D  
Acq: 29 Oct 2024 13:57

Tgt Ion:154 Resp: 240712  
Ion Ratio Lower Upper  
154 100  
153 113.8 91.8 137.6  
152 54.7 43.1 64.7





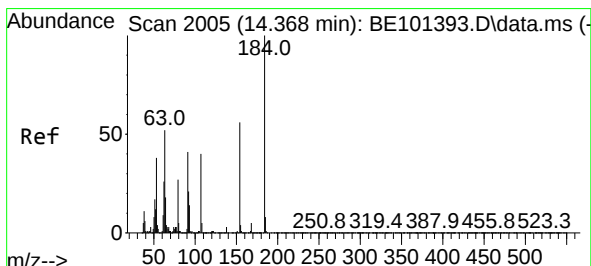
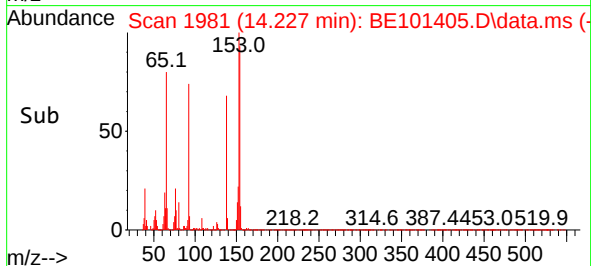
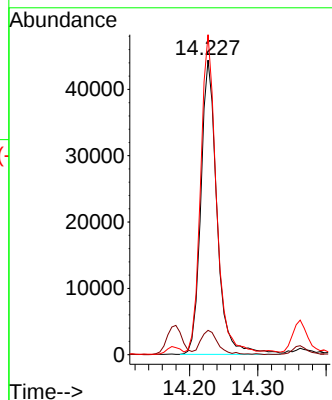
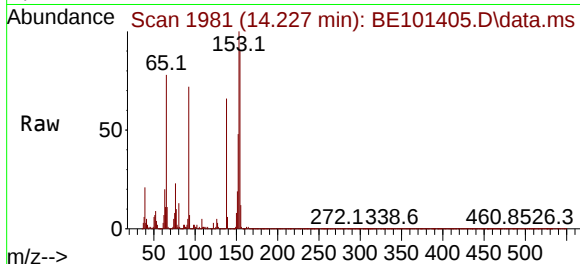
#53  
3-Nitroaniline  
Concen: 11.737 ng  
RT: 14.227 min Scan# 1982  
Delta R.T. -0.006 min  
Lab File: BE101405.D  
Acq: 29 Oct 2024 13:57

Instrument :  
BNA\_E  
ClientSampleId :  
LOQ-WATER-02-QT4-2024

Tgt Ion:138 Resp: 7299  
Ion Ratio Lower Upper  
138 100  
108 8.3 7.1 10.7  
92 108.6 84.4 126.6

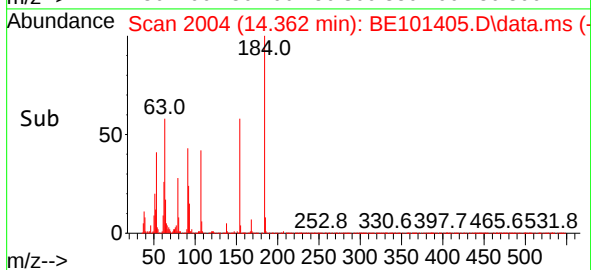
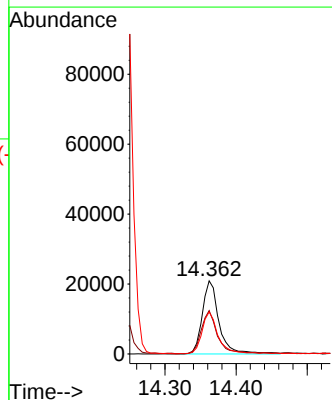
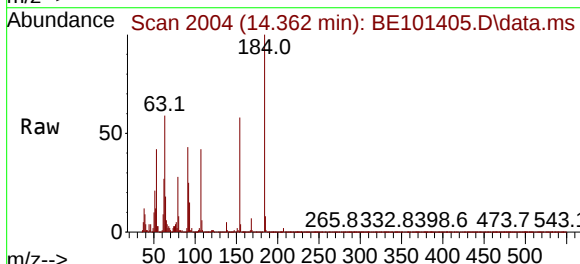
Manual Integrations  
APPROVED

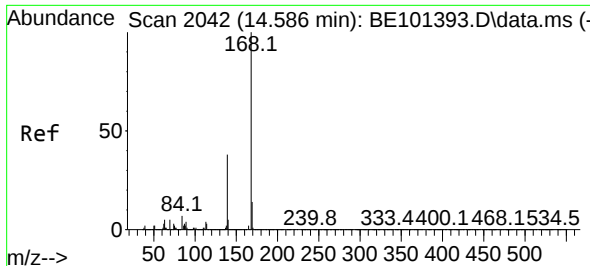
Reviewed By :Jagrut Upadhyay 10/30/2024  
Supervised By :mohammad ahmed 11/04/2024



#54  
2,4-Dinitrophenol  
Concen: 12.781 ng  
RT: 14.362 min Scan# 2004  
Delta R.T. -0.006 min  
Lab File: BE101405.D  
Acq: 29 Oct 2024 13:57

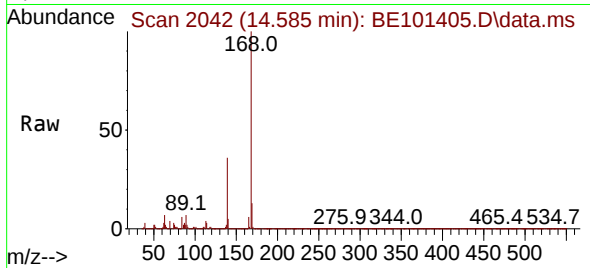
Tgt Ion:184 Resp: 34241  
Ion Ratio Lower Upper  
184 100  
63 59.2 41.8 62.6  
154 57.6 44.9 67.3





#55  
Dibenzenofuran  
Concen: 12.414 ng  
RT: 14.585 min Scan# 2042  
Delta R.T. -0.000 min  
Lab File: BE101405.D  
Acq: 29 Oct 2024 13:57

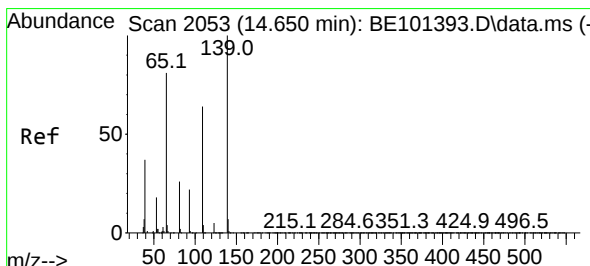
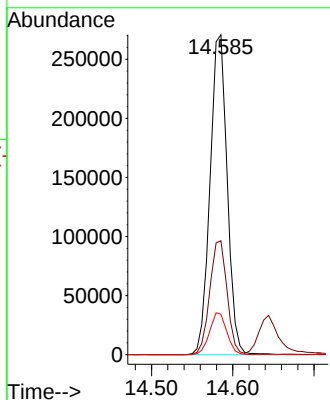
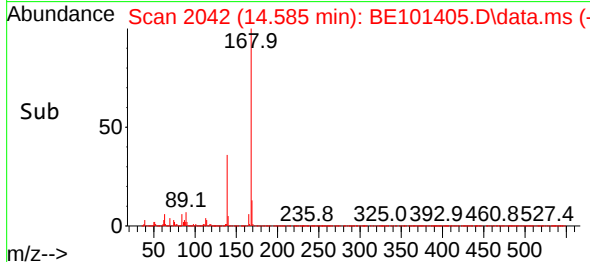
Instrument : BNA\_E  
ClientSampleId :  
LOQ-WATER-02-QT4-2024



Tgt Ion:168 Resp: 39690  
Ion Ratio Lower Upper  
168 100  
139 35.6 30.2 45.4  
169 12.7 11.0 16.4

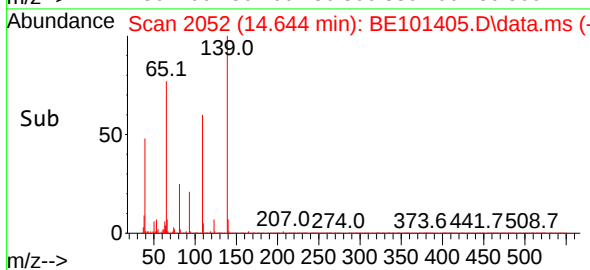
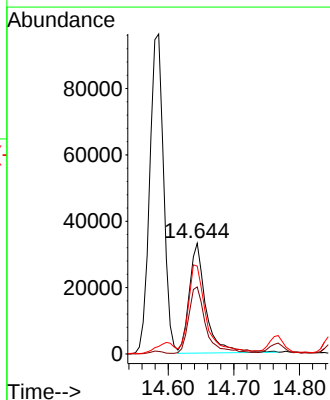
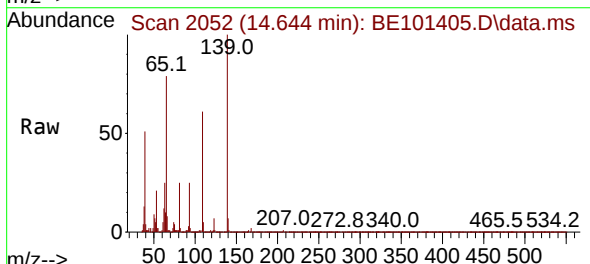
Manual Integrations  
APPROVED

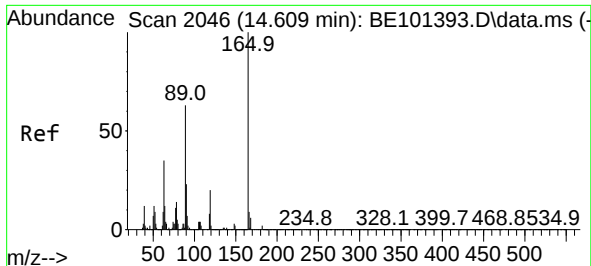
Reviewed By :Jagrut Upadhyay 10/30/2024  
Supervised By :mohammad ahmed 11/04/2024



#56  
4-Nitrophenol  
Concen: 10.200 ng  
RT: 14.644 min Scan# 2052  
Delta R.T. -0.006 min  
Lab File: BE101405.D  
Acq: 29 Oct 2024 13:57

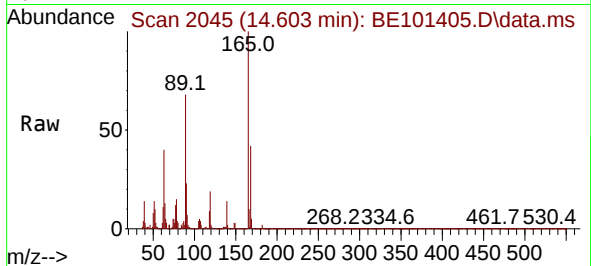
Tgt Ion:139 Resp: 58087  
Ion Ratio Lower Upper  
139 100  
109 60.6 42.4 82.4  
65 79.4 63.4 103.4





#57  
2,4-Dinitrotoluene  
Concen: 10.697 ng  
RT: 14.603 min Scan# 2046  
Delta R.T. -0.006 min  
Lab File: BE101405.D  
Acq: 29 Oct 2024 13:57

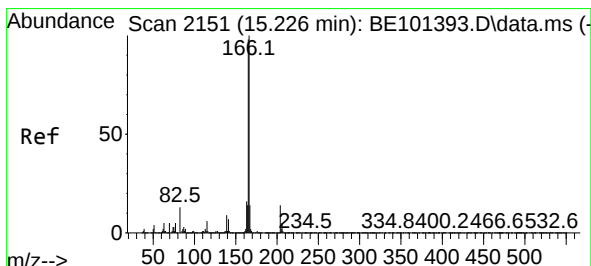
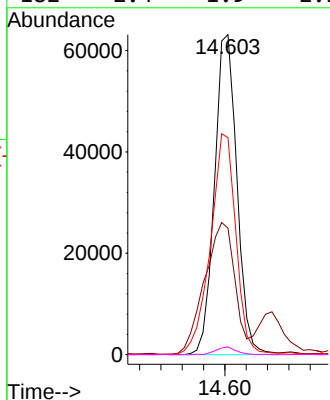
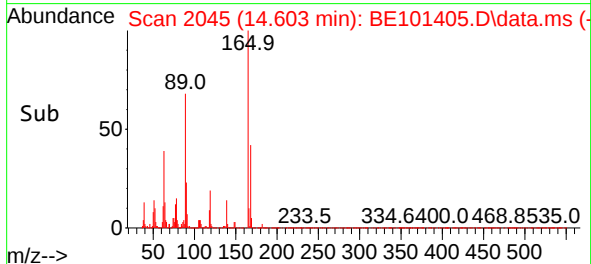
Instrument :  
BNA\_E  
ClientSampleId :  
LOQ-WATER-02-QT4-2024



Tgt Ion:165 Resp: 9210  
Ion Ratio Lower Upper  
165 100  
63 39.5 28.6 42.8  
89 67.8 50.8 76.2  
182 2.4 1.9 2.9

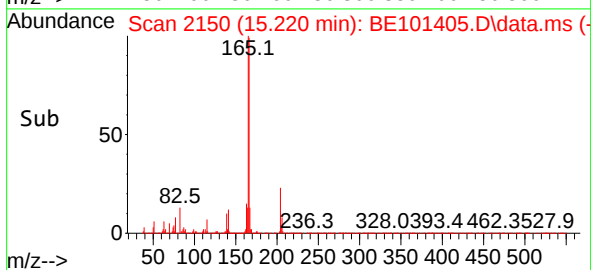
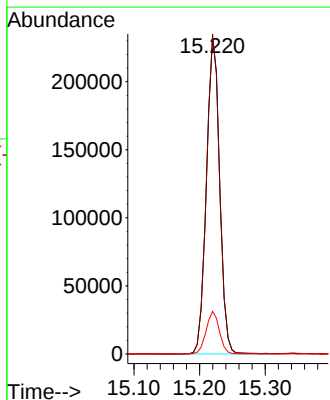
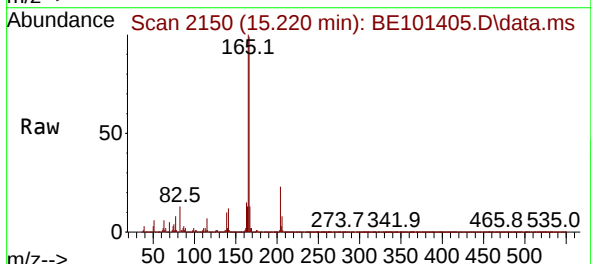
Manual Integrations  
APPROVED

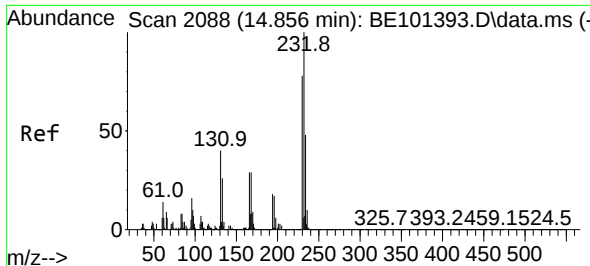
Reviewed By :Jagrut Upadhyay 10/30/2024  
Supervised By :mohammad ahmed 11/04/2024



#58  
Fluorene  
Concen: 12.225 ng  
RT: 15.220 min Scan# 2150  
Delta R.T. -0.006 min  
Lab File: BE101405.D  
Acq: 29 Oct 2024 13:57

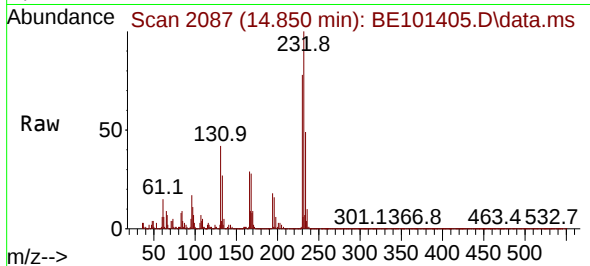
Tgt Ion:166 Resp: 326960  
Ion Ratio Lower Upper  
166 100  
165 101.3 78.7 118.1  
167 13.5 11.0 16.4





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 11.946 ng  
RT: 14.850 min Scan# 2087  
Delta R.T. -0.006 min  
Lab File: BE101405.D  
Acq: 29 Oct 2024 13:57

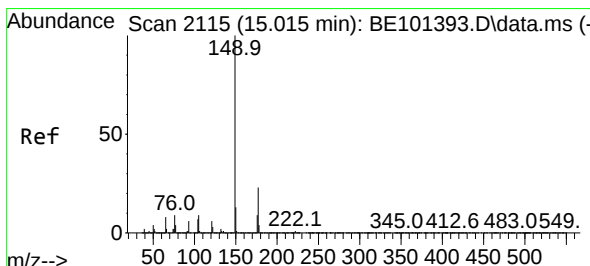
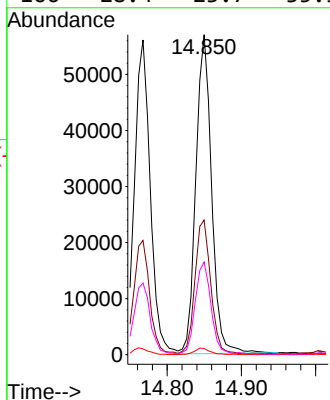
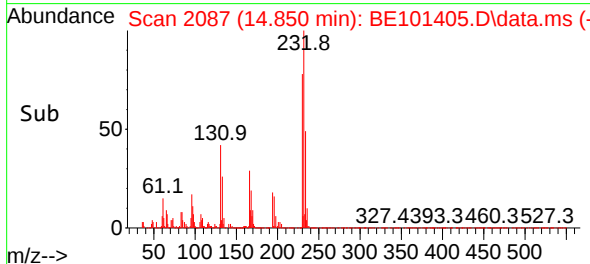
Instrument : BNA\_E  
ClientSampleId : LOQ-WATER-02-QT4-2024



Tgt Ion:232 Resp: 83944  
Ion Ratio Lower Upper  
232 100  
131 42.1 33.5 50.3  
130 2.1 1.6 2.4  
166 28.4 23.7 35.5

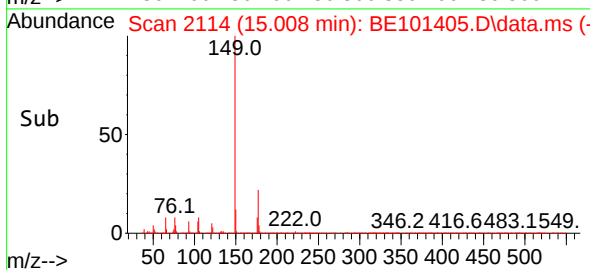
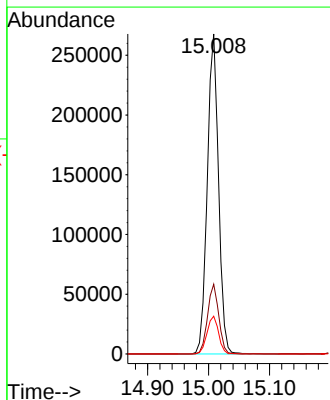
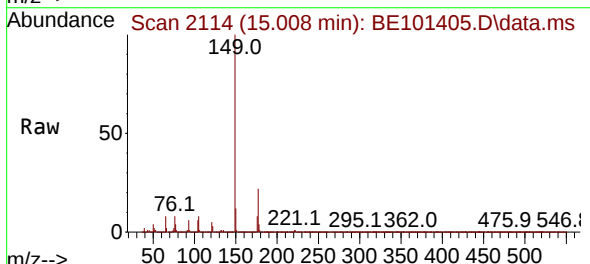
Manual Integrations  
APPROVED

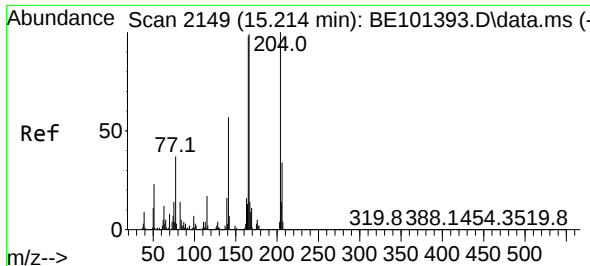
Reviewed By :Jagrut Upadhyay 10/30/2024  
Supervised By :mohammad ahmed 11/04/2024



#60  
Diethylphthalate  
Concen: 12.076 ng  
RT: 15.008 min Scan# 2114  
Delta R.T. -0.006 min  
Lab File: BE101405.D  
Acq: 29 Oct 2024 13:57

Tgt Ion:149 Resp: 342171  
Ion Ratio Lower Upper  
149 100  
177 21.8 18.0 27.0  
150 11.8 10.3 15.5





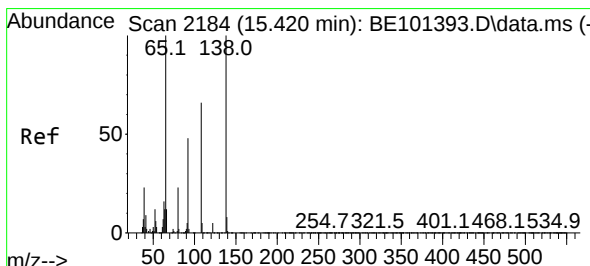
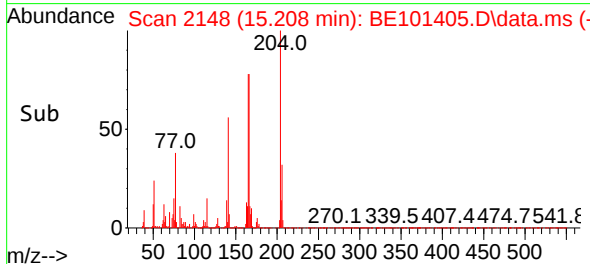
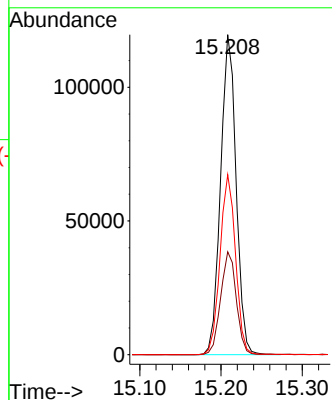
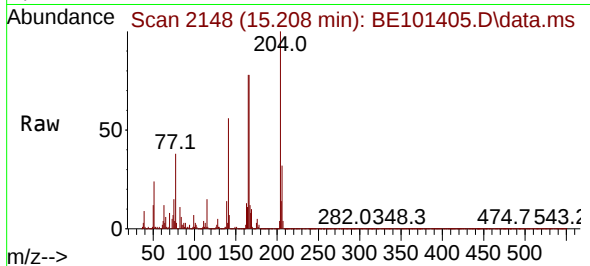
#61  
4-Chlorophenyl-phenylether  
Concen: 11.986 ng  
RT: 15.208 min Scan# 2148  
Delta R.T. -0.006 min  
Lab File: BE101405.D  
Acq: 29 Oct 2024 13:57

Instrument : BNA\_E  
ClientSampleId :  
LOQ-WATER-02-QT4-2024

Tgt Ion:204 Resp: 15908  
Ion Ratio Lower Upper  
204 100  
206 32.1 26.9 40.3  
141 56.3 45.9 68.9

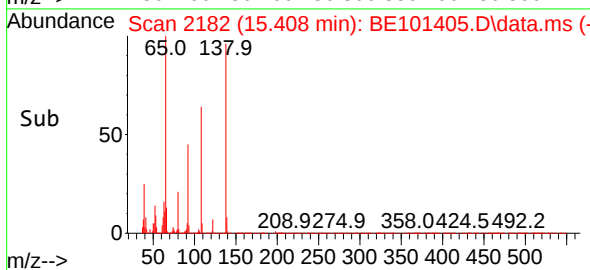
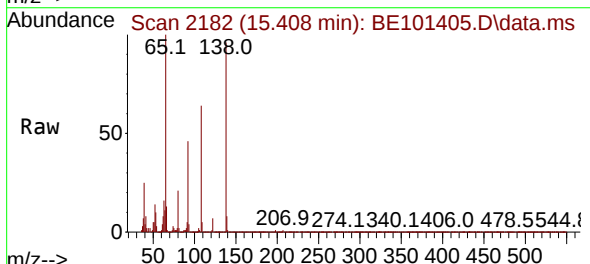
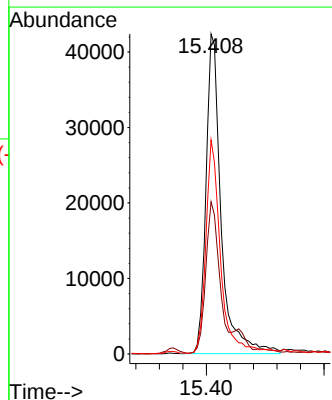
Manual Integrations  
APPROVED

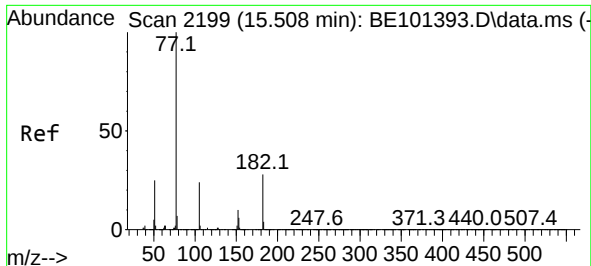
Reviewed By :Jagrut Upadhyay 10/30/2024  
Supervised By :mohammad ahmed 11/04/2024



#62  
4-Nitroaniline  
Concen: 10.953 ng  
RT: 15.408 min Scan# 2182  
Delta R.T. -0.012 min  
Lab File: BE101405.D  
Acq: 29 Oct 2024 13:57

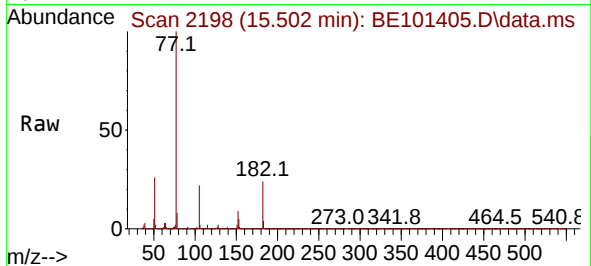
Tgt Ion:138 Resp: 75796  
Ion Ratio Lower Upper  
138 100  
92 47.5 28.7 68.7  
108 66.8 46.5 86.5





#63  
Azobenzene  
Concen: 12.535 ng  
RT: 15.502 min Scan# 2199  
Delta R.T. -0.006 min  
Lab File: BE101405.D  
Acq: 29 Oct 2024 13:57

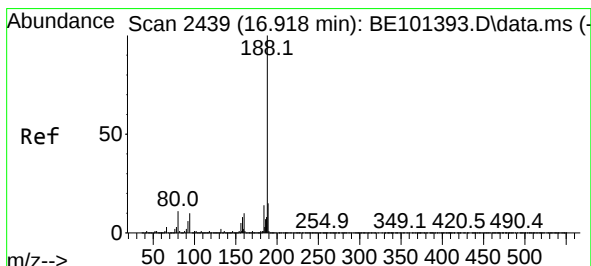
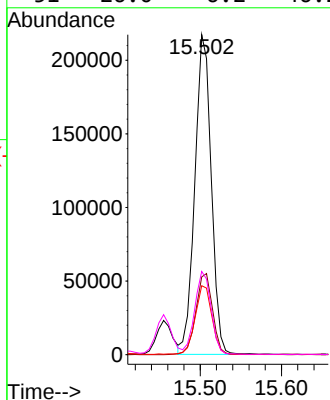
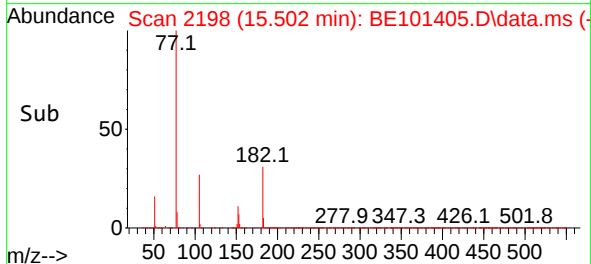
Instrument :  
BNA\_E  
ClientSampleId :  
LOQ-WATER-02-QT4-2024



| Tgt Ion:  | 77   | Resp: | 305299 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 182       | 24.3 | 7.6   | 47.6   |
| 105       | 21.6 | 3.2   | 43.2   |
| 51        | 26.0 | 6.2   | 46.2   |

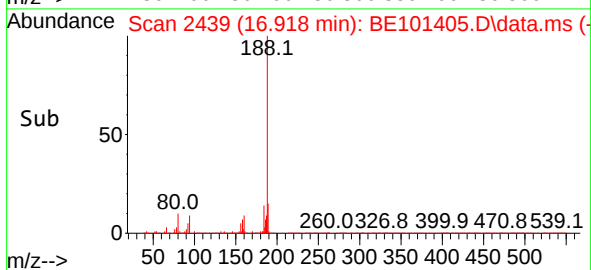
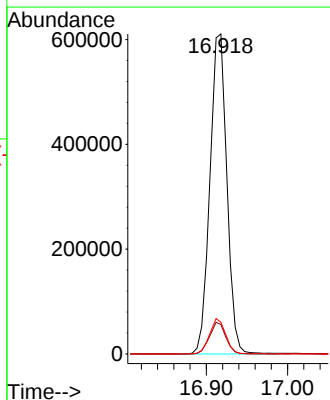
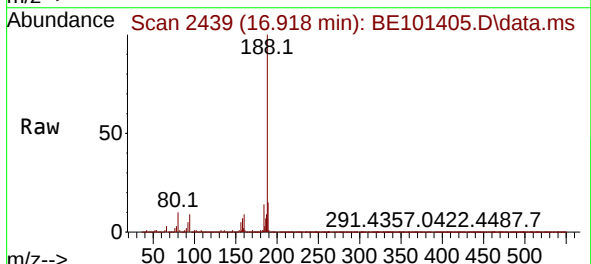
Manual Integrations  
APPROVED

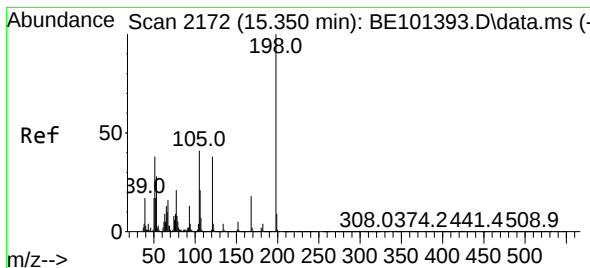
Reviewed By :Jagrut Upadhyay 10/30/2024  
Supervised By :mohammad ahmed 11/04/2024



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 16.918 min Scan# 2439  
Delta R.T. -0.000 min  
Lab File: BE101405.D  
Acq: 29 Oct 2024 13:57

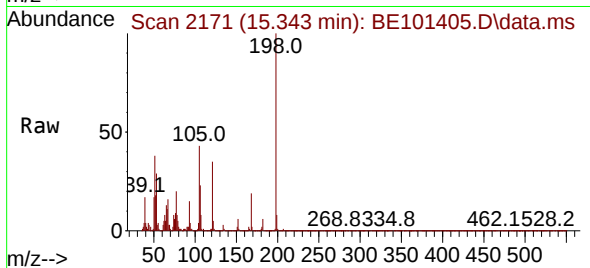
| Tgt Ion:  | 188 | Resp: | 885186 |
|-----------|-----|-------|--------|
| Ion Ratio | 100 | Lower | Upper  |
| 94        | 9.2 | 7.8   | 11.8   |
| 80        | 9.9 | 8.6   | 12.8   |





#65  
4,6-Dinitro-2-methylphenol  
Concen: 11.570 ng  
RT: 15.343 min Scan# 2171  
Delta R.T. -0.007 min  
Lab File: BE101405.D  
Acq: 29 Oct 2024 13:57

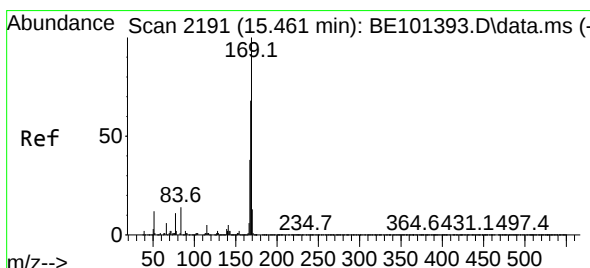
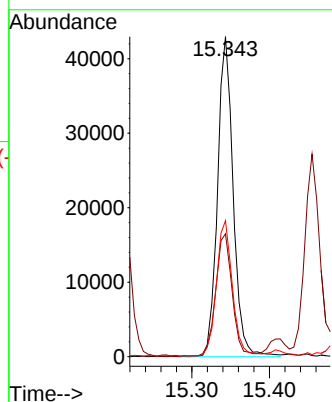
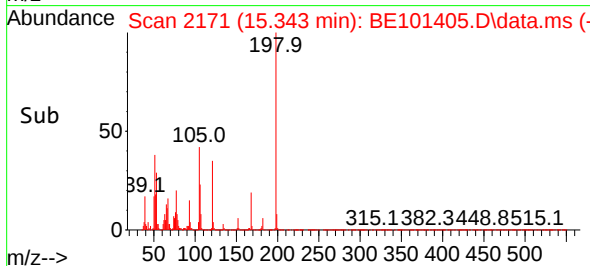
Instrument : BNA\_E  
ClientSampleId : LOQ-WATER-02-QT4-2024



Tgt Ion:198 Resp: 60179  
Ion Ratio Lower Upper  
198 100  
51 38.4 18.2 58.2  
105 42.5 21.5 61.5

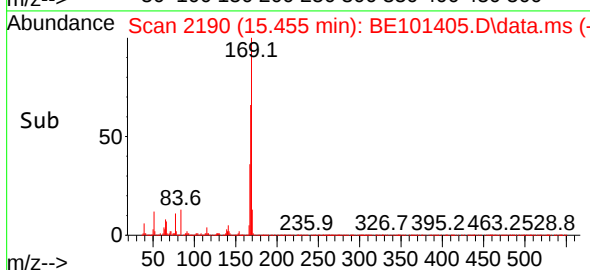
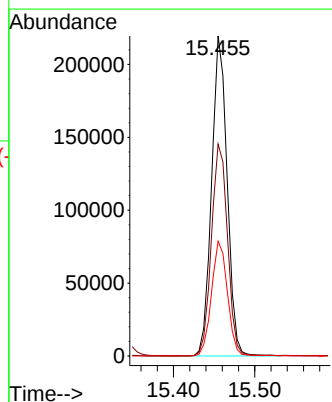
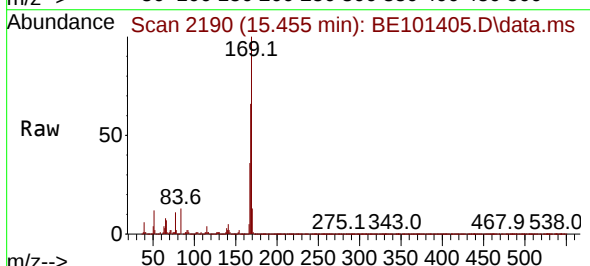
Manual Integrations  
APPROVED

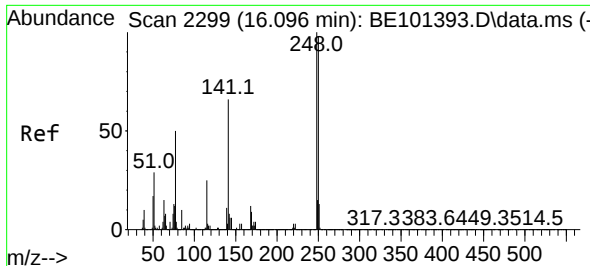
Reviewed By :Jagrut Upadhyay 10/30/2024  
Supervised By :mohammad ahmed 11/04/2024



#66  
n-Nitrosodiphenylamine  
Concen: 12.396 ng  
RT: 15.455 min Scan# 2190  
Delta R.T. -0.006 min  
Lab File: BE101405.D  
Acq: 29 Oct 2024 13:57

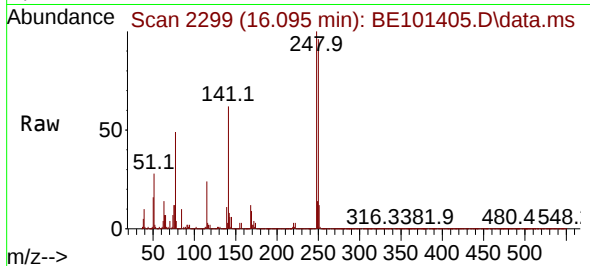
Tgt Ion:169 Resp: 290983  
Ion Ratio Lower Upper  
169 100  
168 66.2 54.5 81.7  
167 35.8 30.4 45.6





#67  
4-Bromophenyl-phenylether  
Concen: 11.747 ng  
RT: 16.095 min Scan# 2299  
Delta R.T. -0.000 min  
Lab File: BE101405.D  
Acq: 29 Oct 2024 13:57

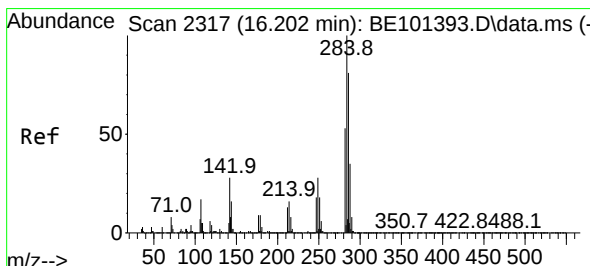
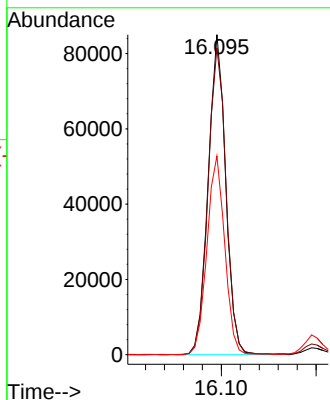
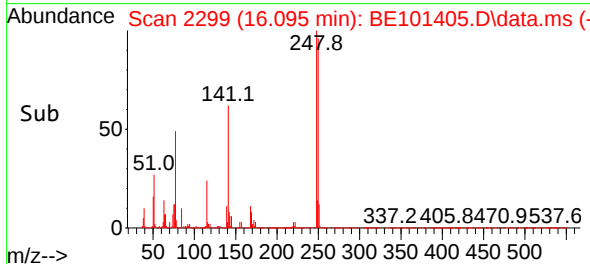
Instrument : BNA\_E  
ClientSampleId :  
LOQ-WATER-02-QT4-2024



Tgt Ion:248 Resp: 109379  
Ion Ratio Lower Upper  
248 100  
250 95.9 78.2 117.2  
141 62.1 53.0 79.4

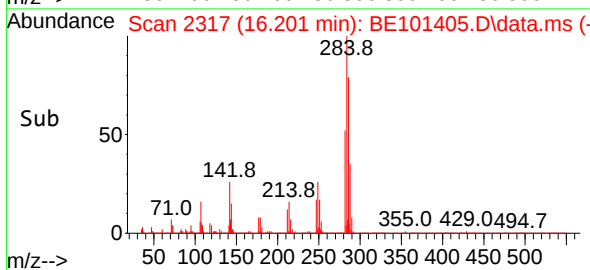
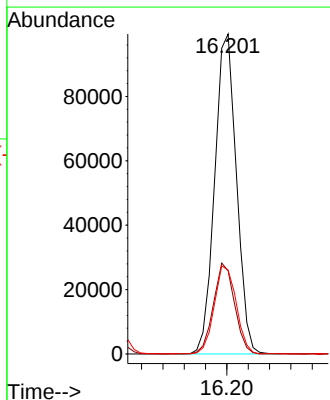
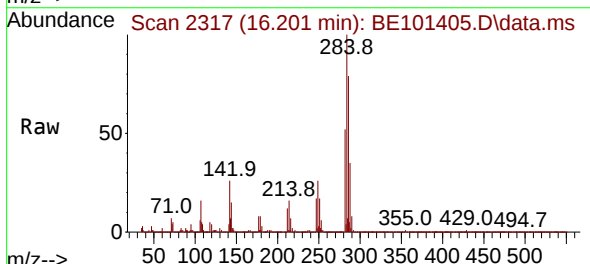
Manual Integrations  
APPROVED

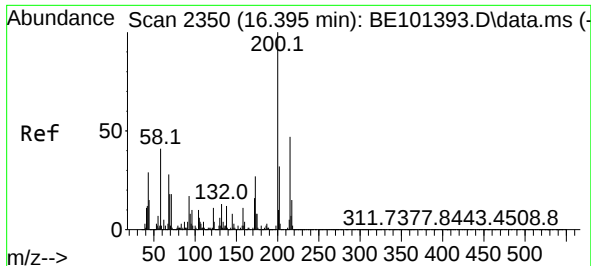
Reviewed By :Jagrut Upadhyay 10/30/2024  
Supervised By :mohammad ahmed 11/04/2024



#68  
Hexachlorobenzene  
Concen: 11.516 ng  
RT: 16.201 min Scan# 2317  
Delta R.T. -0.001 min  
Lab File: BE101405.D  
Acq: 29 Oct 2024 13:57

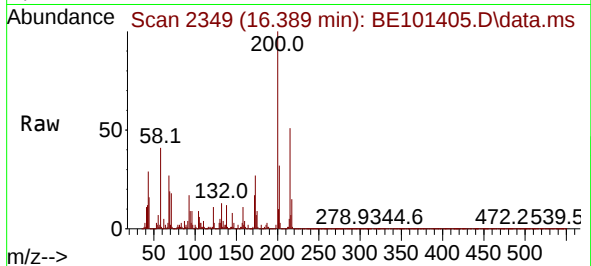
Tgt Ion:284 Resp: 140553  
Ion Ratio Lower Upper  
284 100  
142 26.0 22.2 33.2  
249 26.2 22.8 34.2





#69  
Atrazine  
Concen: 14.532 ng  
RT: 16.389 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BE101405.D  
Acq: 29 Oct 2024 13:57

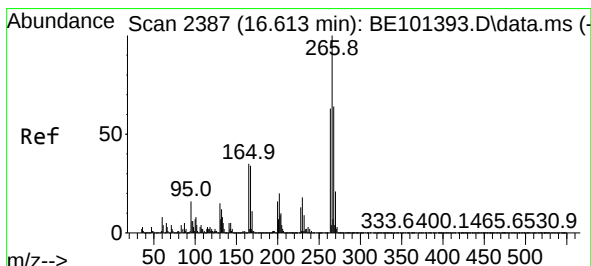
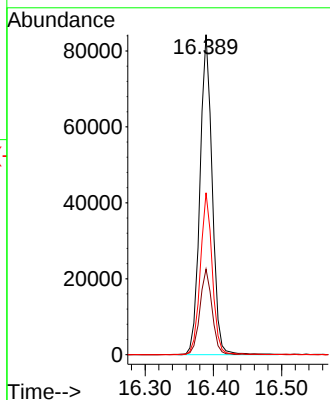
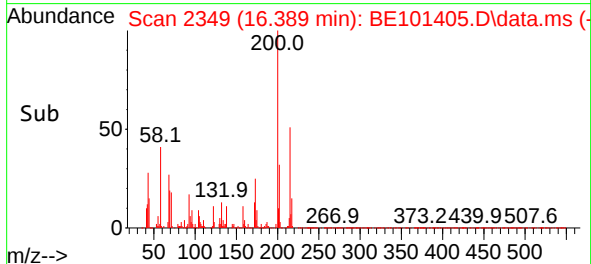
Instrument :  
BNA\_E  
ClientSampleId :  
LOQ-WATER-02-QT4-2024



Tgt Ion:200 Resp: 10458  
Ion Ratio Lower Upper  
200 100  
173 26.8 7.0 47.0  
215 50.6 27.3 67.3

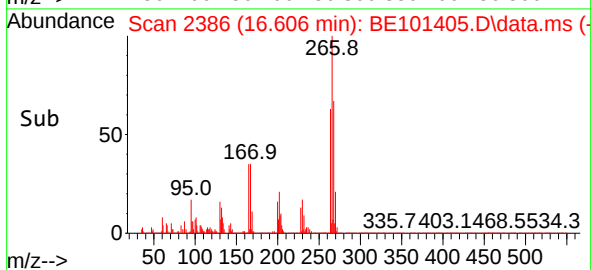
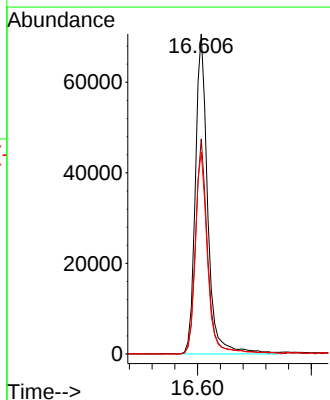
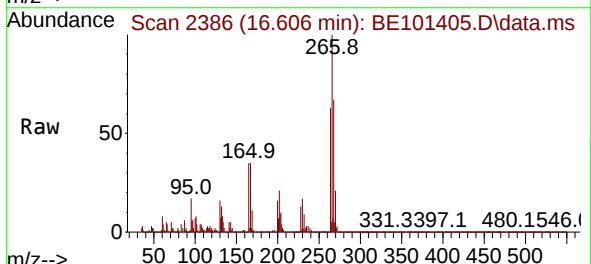
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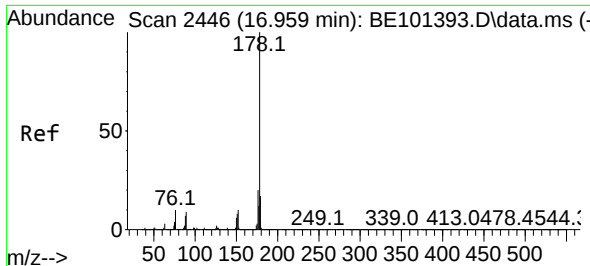
Reviewed By :Jagrut Upadhyay 10/30/2024  
Supervised By :mohammad ahmed 11/04/2024



#70  
Pentachlorophenol  
Concen: 15.210 ng  
RT: 16.606 min Scan# 2386  
Delta R.T. -0.006 min  
Lab File: BE101405.D  
Acq: 29 Oct 2024 13:57

Tgt Ion:266 Resp: 106856  
Ion Ratio Lower Upper  
266 100  
268 67.2 51.5 77.3  
264 63.1 50.7 76.1





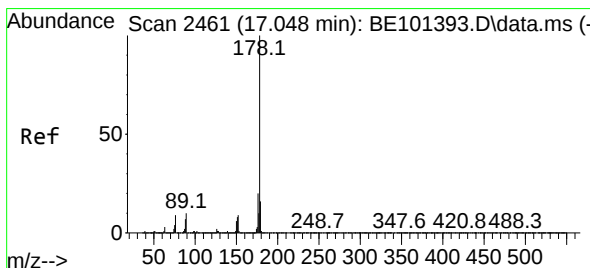
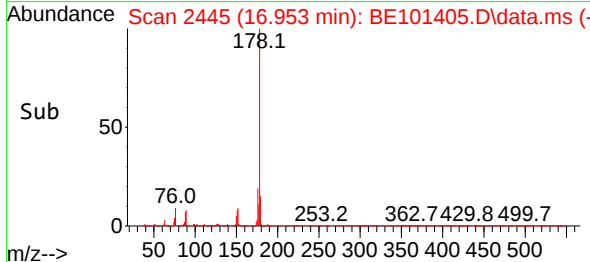
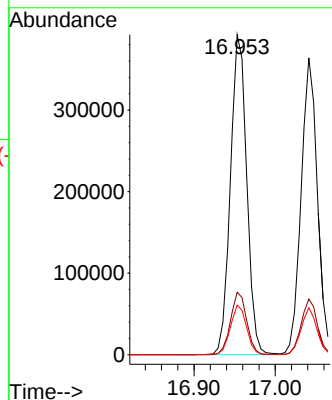
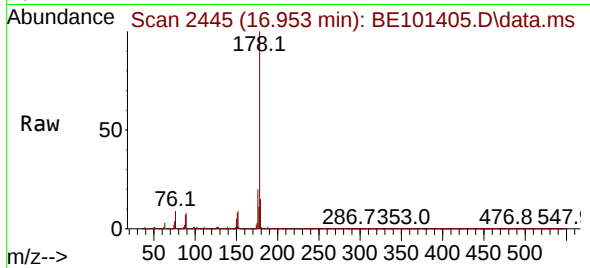
#71  
Phenanthrene  
Concen: 12.909 ng  
RT: 16.953 min Scan# 2446  
Delta R.T. -0.006 min  
Lab File: BE101405.D  
Acq: 29 Oct 2024 13:57

Instrument :  
BNA\_E  
ClientSampleId :  
LOQ-WATER-02-QT4-2024

Tgt Ion:178 Resp: 54710  
Ion Ratio Lower Upper  
178 100  
176 19.5 16.4 24.6  
179 15.5 13.2 19.8

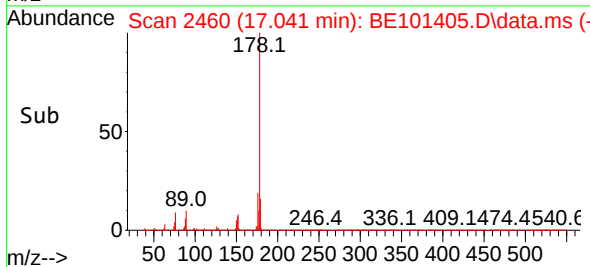
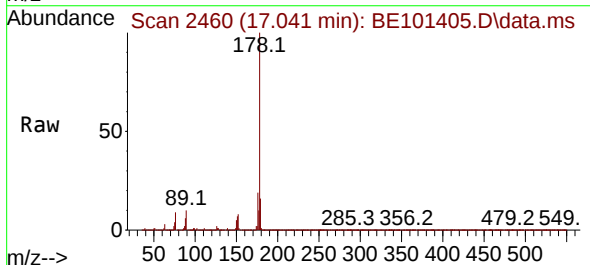
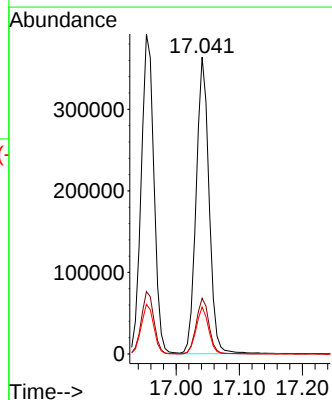
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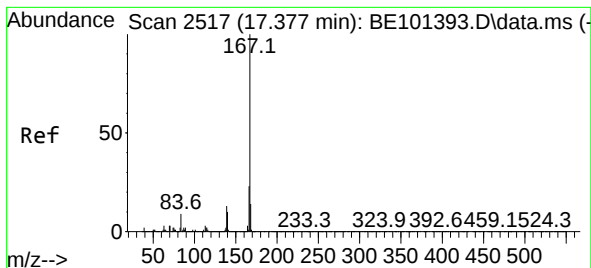
Reviewed By :Jagrut Upadhyay 10/30/2024  
Supervised By :mohammad ahmed 11/04/2024



#72  
Anthracene  
Concen: 12.375 ng  
RT: 17.041 min Scan# 2460  
Delta R.T. -0.006 min  
Lab File: BE101405.D  
Acq: 29 Oct 2024 13:57

Tgt Ion:178 Resp: 512126  
Ion Ratio Lower Upper  
178 100  
176 18.8 15.9 23.9  
179 15.8 13.1 19.7





#73

Carbazole

Concen: 12.205 ng

RT: 17.370 min Scan# 2517

Delta R.T. -0.006 min

Lab File: BE101405.D

Acq: 29 Oct 2024 13:57

Instrument :

BNA\_E

ClientSampleId :

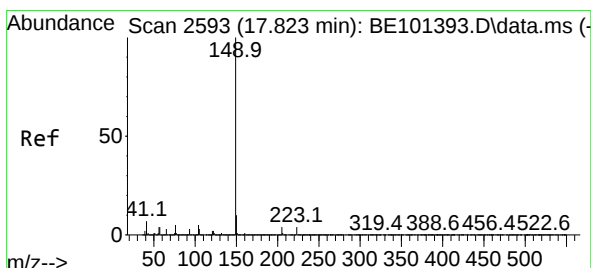
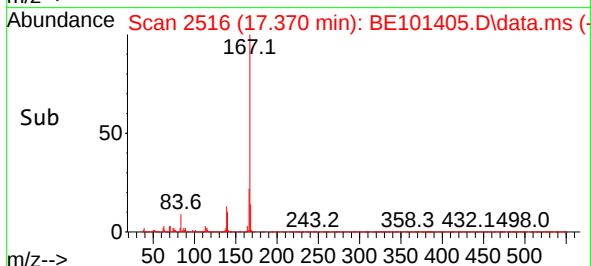
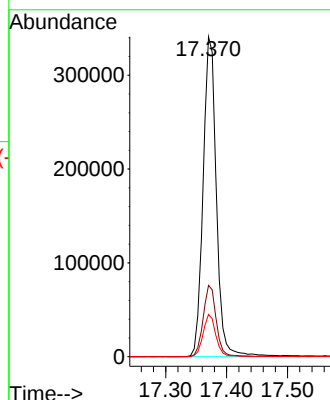
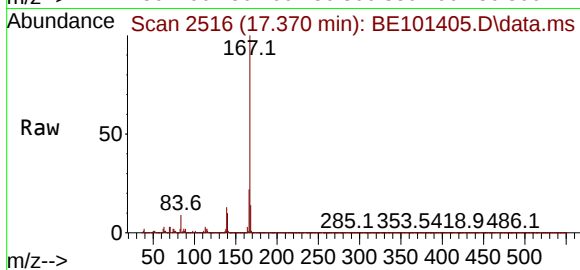
LOQ-WATER-02-QT4-2024

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 167   | Resp: | 516784 |
| Ion Ratio | Lower | Upper |        |
| 167       | 100   |       |        |
| 166       | 22.3  | 18.3  | 27.5   |
| 139       | 13.2  | 10.8  | 16.2   |

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Reviewed By :Jagrut Upadhyay 10/30/2024  
Supervised By :mohammad ahmed 11/04/2024



#74

Di-n-butylphthalate

Concen: 12.563 ng

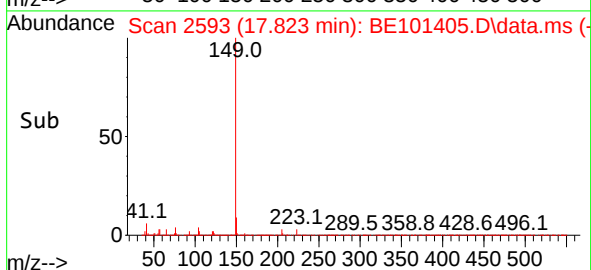
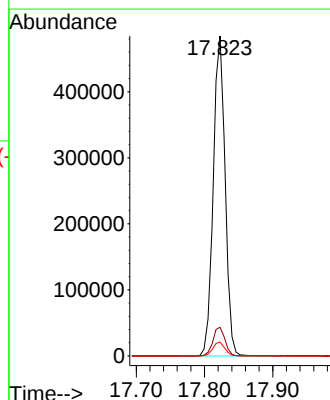
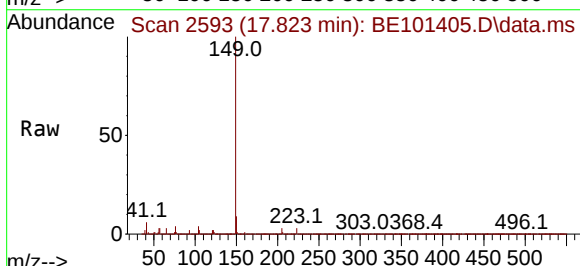
RT: 17.823 min Scan# 2593

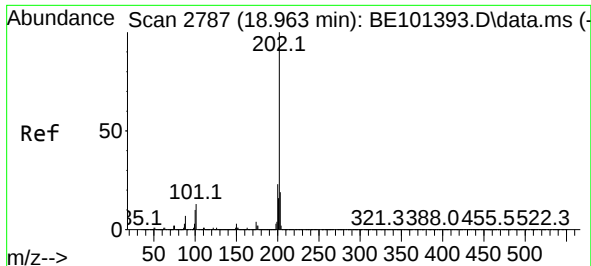
Delta R.T. -0.000 min

Lab File: BE101405.D

Acq: 29 Oct 2024 13:57

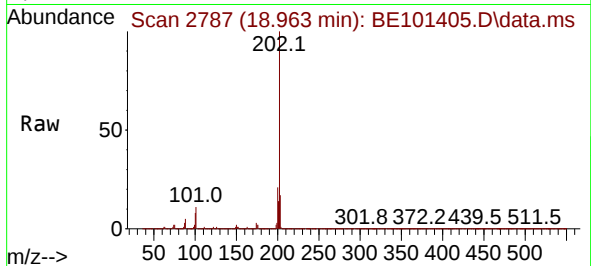
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 585650 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 8.9   | 8.2   | 12.4   |
| 104       | 4.4   | 3.9   | 5.9    |





#75  
Fluoranthene  
Concen: 12.787 ng  
RT: 18.963 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BE101405.D  
Acq: 29 Oct 2024 13:57

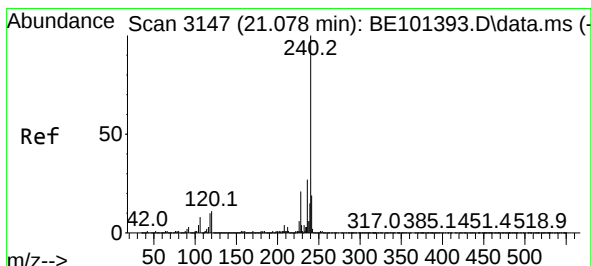
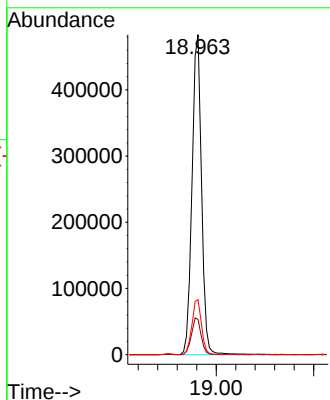
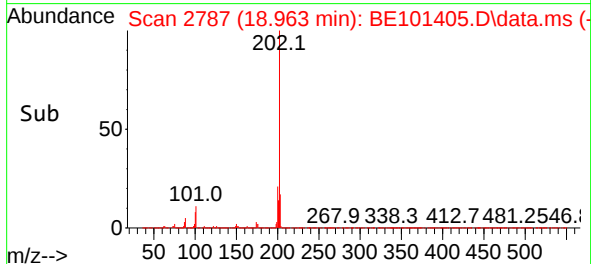
Instrument :  
BNA\_E  
ClientSampleId :  
LOQ-WATER-02-QT4-2024



Tgt Ion:202 Resp: 65821  
Ion Ratio Lower Upper  
202 100  
101 11.0 0.0 33.3  
203 17.2 0.0 39.3

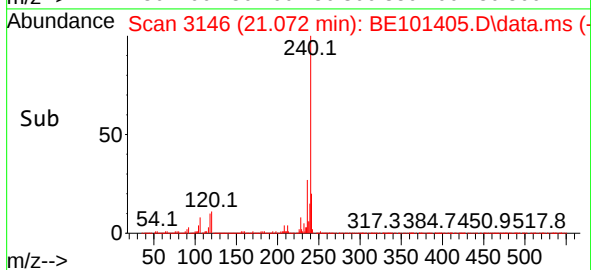
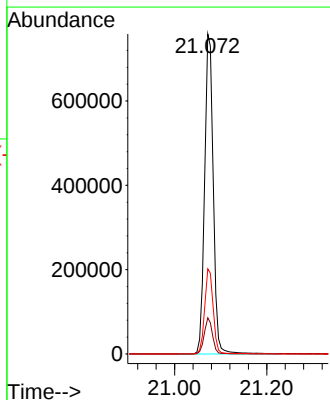
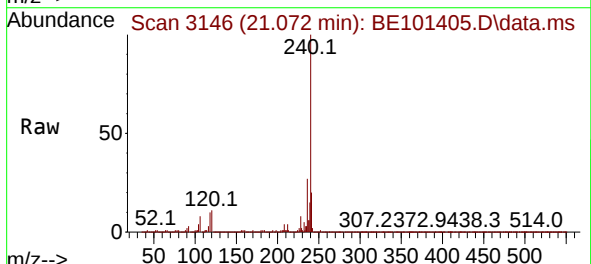
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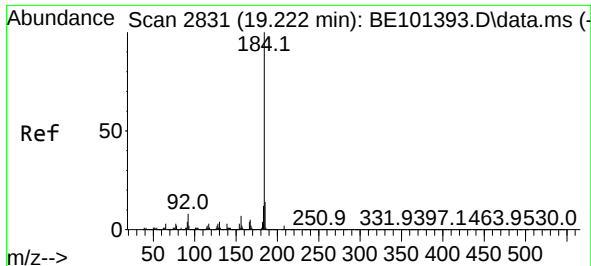
Reviewed By :Jagrut Upadhyay 10/30/2024  
Supervised By :mohammad ahmed 11/04/2024



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.072 min Scan# 3146  
Delta R.T. -0.006 min  
Lab File: BE101405.D  
Acq: 29 Oct 2024 13:57

Tgt Ion:240 Resp: 1000765  
Ion Ratio Lower Upper  
240 100  
120 11.3 9.0 13.4  
236 26.6 21.4 32.0





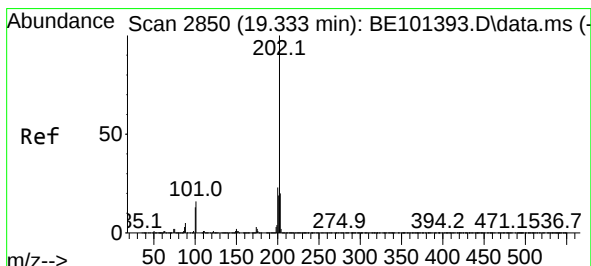
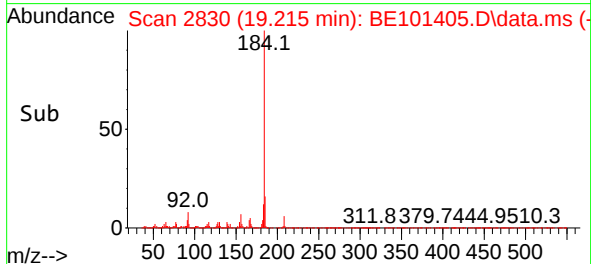
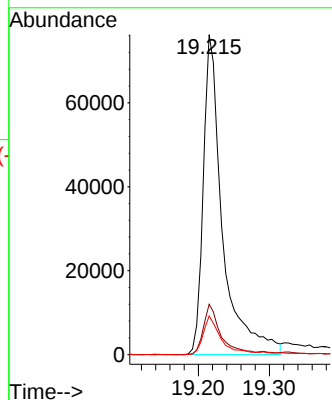
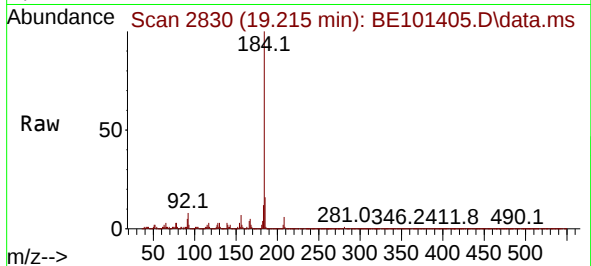
#77  
Benzidine  
Concen: 11.339 ng  
RT: 19.215 min Scan# 2831  
Delta R.T. -0.006 min  
Lab File: BE101405.D  
Acq: 29 Oct 2024 13:57

Instrument : BNA\_E  
ClientSampleId :  
LOQ-WATER-02-QT4-2024

Tgt Ion:184 Resp: 14402  
Ion Ratio Lower Upper  
184 100  
185 15.8 11.5 17.3  
183 12.1 9.3 13.9

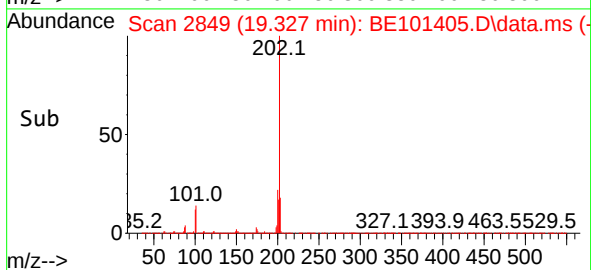
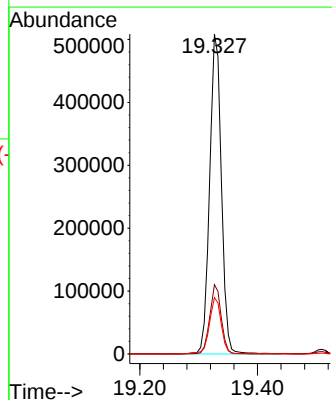
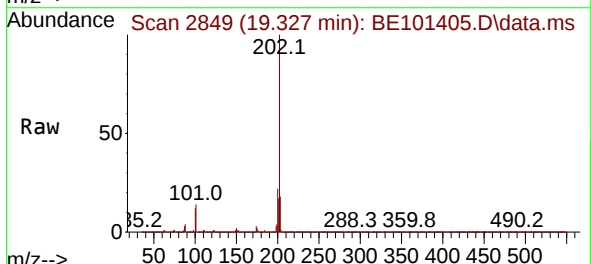
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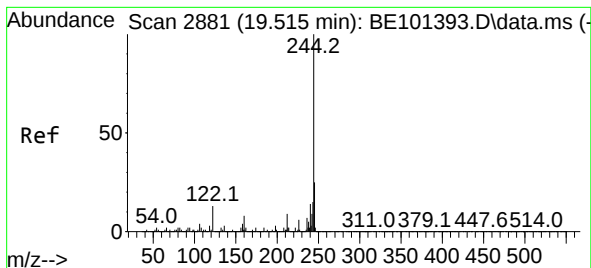
Reviewed By :Jagrut Upadhyay 10/30/2024  
Supervised By :mohammad ahmed 11/04/2024



#78  
Pyrene  
Concen: 12.784 ng  
RT: 19.327 min Scan# 2849  
Delta R.T. -0.006 min  
Lab File: BE101405.D  
Acq: 29 Oct 2024 13:57

Tgt Ion:202 Resp: 703539  
Ion Ratio Lower Upper  
202 100  
200 21.6 18.6 28.0  
203 17.6 15.6 23.4





#79

Terphenyl-d14

Concen: 64.107 ng

RT: 19.509 min Scan# 2881

Delta R.T. -0.006 min

Lab File: BE101405.D

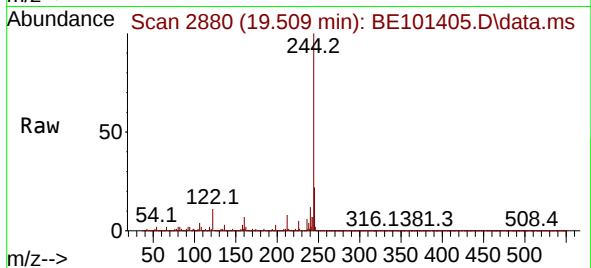
Acq: 29 Oct 2024 13:57

Instrument :

BNA\_E

ClientSampleId :

LOQ-WATER-02-QT4-2024



Tgt Ion:244 Resp: 2787509

Ion Ratio Lower Upper

244 100

212 7.5 7.2 10.8

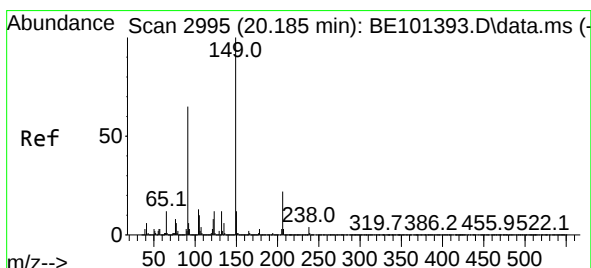
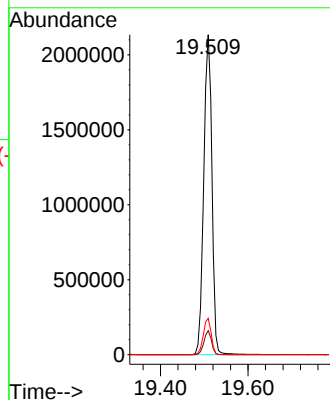
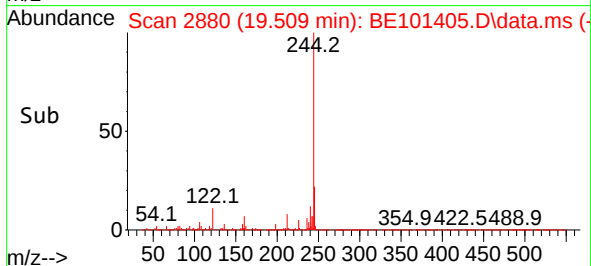
122 11.3 10.4 15.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 10/30/2024

Supervised By :mohammad ahmed 11/04/2024



#80

Butylbenzylphthalate

Concen: 12.100 ng

RT: 20.179 min Scan# 2994

Delta R.T. -0.006 min

Lab File: BE101405.D

Acq: 29 Oct 2024 13:57

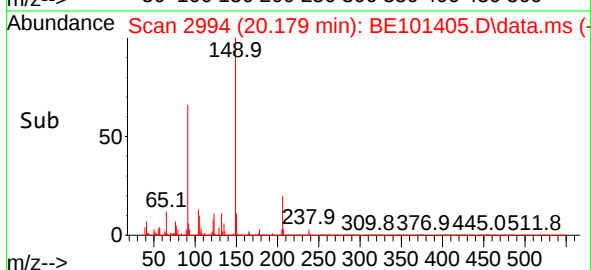
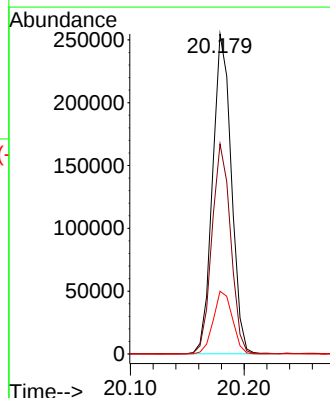
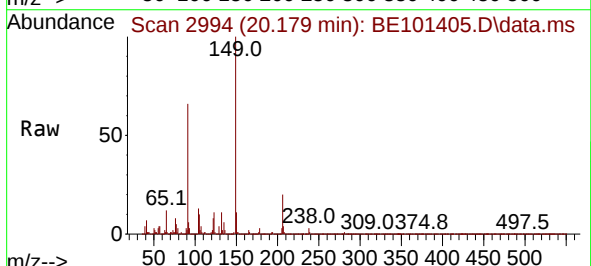
Tgt Ion:149 Resp: 291922

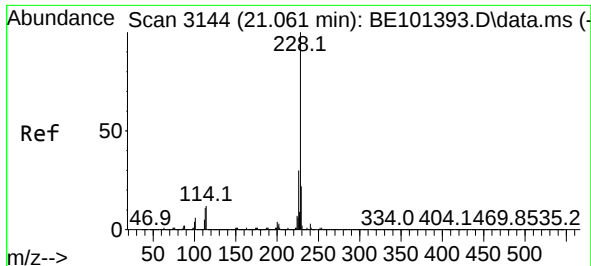
Ion Ratio Lower Upper

149 100

91 65.6 51.8 77.8

206 19.6 17.4 26.2





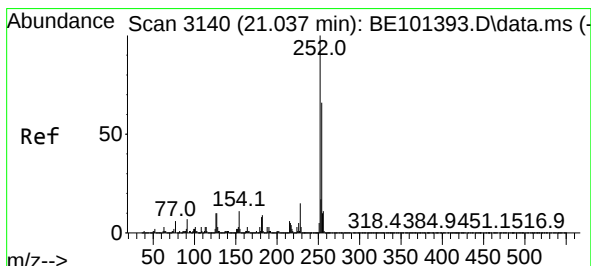
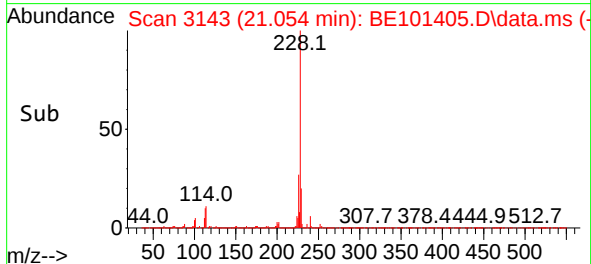
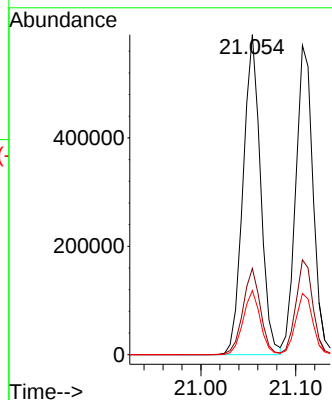
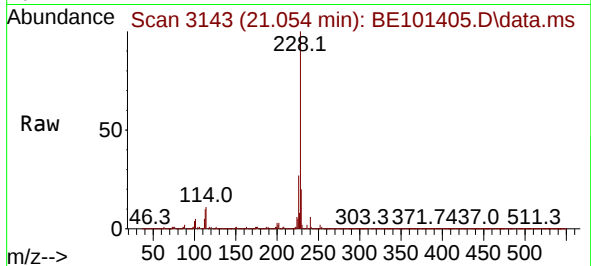
#81  
Benzo(a)anthracene  
Concen: 13.408 ng  
RT: 21.054 min Scan# 3144  
Delta R.T. -0.006 min  
Lab File: BE101405.D  
Acq: 29 Oct 2024 13:57

Instrument : BNA\_E  
ClientSampleId :  
LOQ-WATER-02-QT4-2024

Tgt Ion:228 Resp: 75418  
Ion Ratio Lower Upper  
228 100  
226 26.9 24.1 36.1  
229 20.1 17.3 25.9

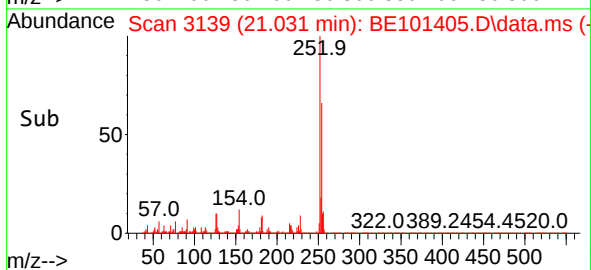
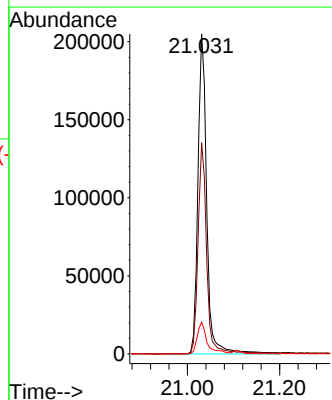
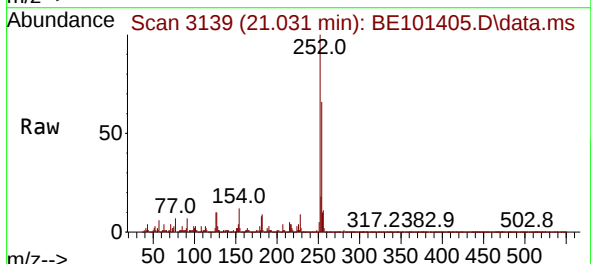
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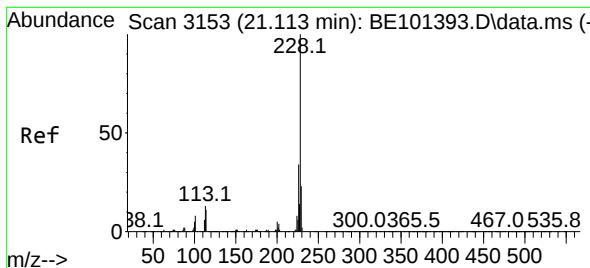
Reviewed By :Jagrut Upadhyay 10/30/2024  
Supervised By :mohammad ahmed 11/04/2024



#82  
3,3'-Dichlorobenzidine  
Concen: 12.296 ng  
RT: 21.031 min Scan# 3139  
Delta R.T. -0.006 min  
Lab File: BE101405.D  
Acq: 29 Oct 2024 13:57

Tgt Ion:252 Resp: 270946  
Ion Ratio Lower Upper  
252 100  
254 66.0 52.6 78.8  
126 10.0 7.7 11.5





#83

Chrysene

Concen: 13.540 ng

RT: 21.107 min Scan# 3152

Delta R.T. -0.006 min

Lab File: BE101405.D

Acq: 29 Oct 2024 13:57

Instrument :

BNA\_E

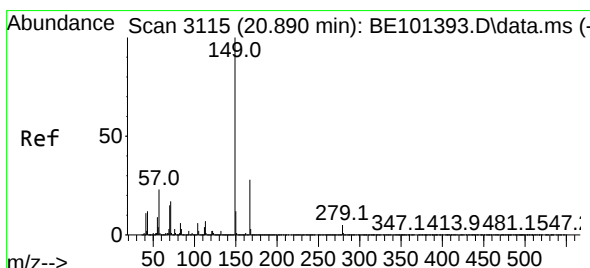
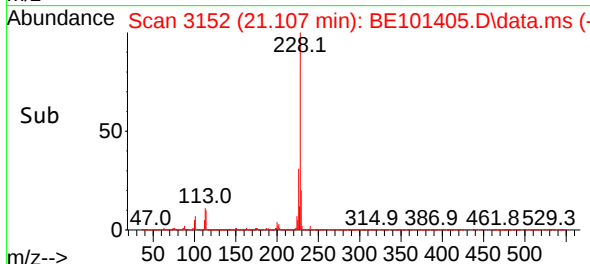
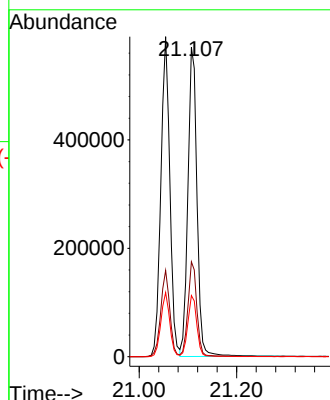
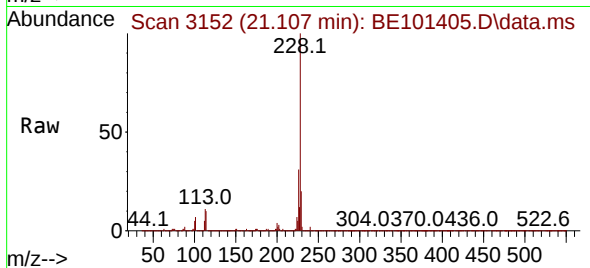
ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion:228 Resp: 736390  
 Ion Ratio Lower Upper  
 228 100  
 226 30.7 27.2 40.8  
 229 19.8 18.0 27.0

Manual Integrations  
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Reviewed By :Jagrut Upadhyay 10/30/2024  
 Supervised By :mohammad ahmed 11/04/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 12.087 ng

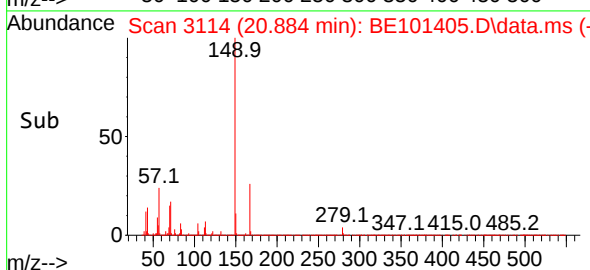
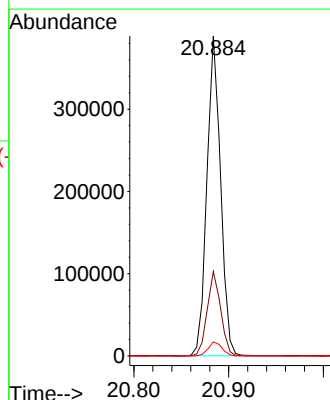
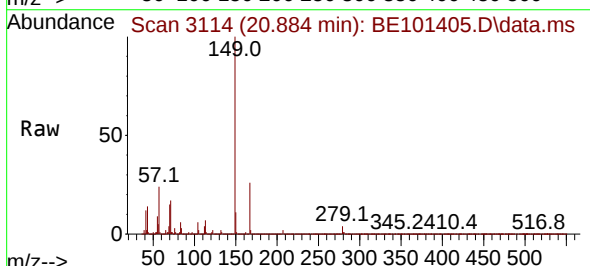
RT: 20.884 min Scan# 3114

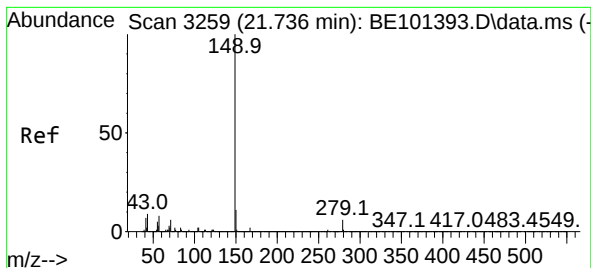
Delta R.T. -0.006 min

Lab File: BE101405.D

Acq: 29 Oct 2024 13:57

Tgt Ion:149 Resp: 387392  
 Ion Ratio Lower Upper  
 149 100  
 167 26.4 22.7 34.1  
 279 4.4 4.3 6.5





#85

Di-n-octyl phthalate

Concen: 12.816 ng

RT: 21.730 min Scan# 31

Delta R.T. -0.006 min

Lab File: BE101405.D

Acq: 29 Oct 2024 13:57

Instrument :

BNA\_E

ClientSampleId :

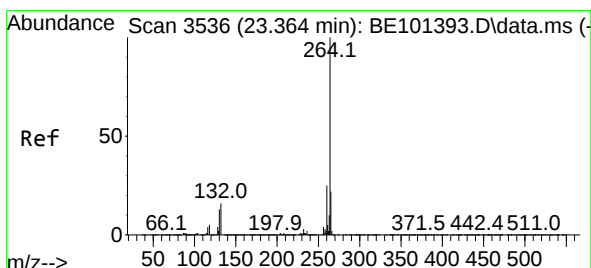
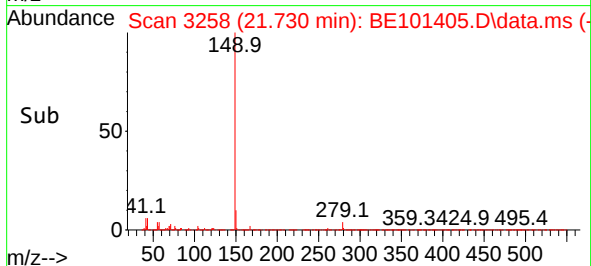
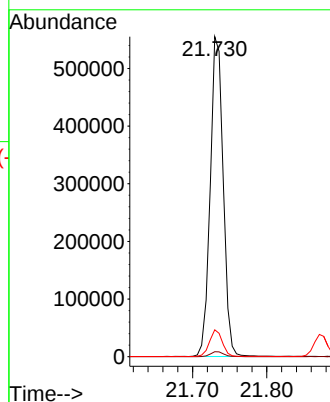
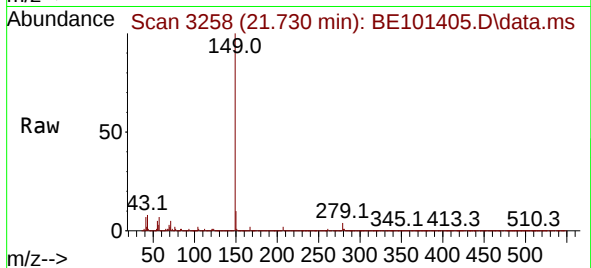
LOQ-WATER-02-QT4-2024

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 674184 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 1.6   | 1.4   | 2.0    |
| 43        | 8.3   | 7.0   | 10.4   |

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Reviewed By :Jagrut Upadhyay 10/30/2024  
Supervised By :mohammad ahmed 11/04/2024



#86

Perylene-d12

Concen: 20.000 ng

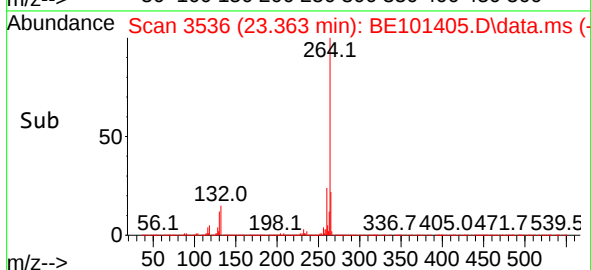
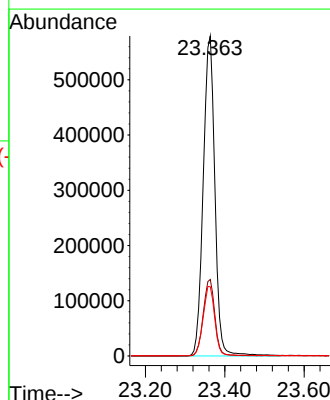
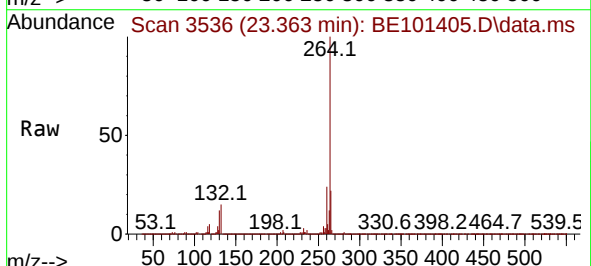
RT: 23.363 min Scan# 3536

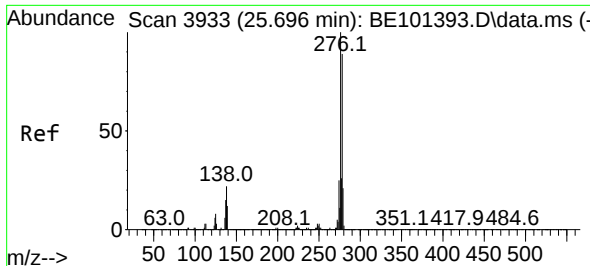
Delta R.T. -0.000 min

Lab File: BE101405.D

Acq: 29 Oct 2024 13:57

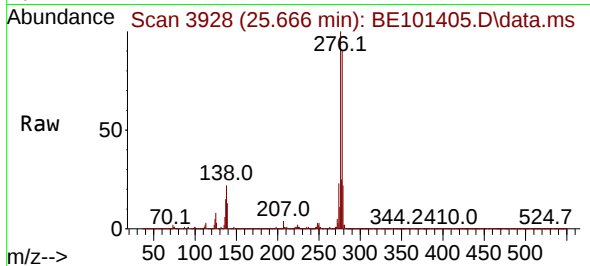
|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 264   | Resp: | 1182635 |
| Ion Ratio | Lower | Upper |         |
| 264       | 100   |       |         |
| 260       | 23.9  | 19.8  | 29.8    |
| 265       | 21.7  | 17.6  | 26.4    |





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 13.615 ng  
RT: 25.666 min Scan# 3933  
Delta R.T. -0.030 min  
Lab File: BE101405.D  
Acq: 29 Oct 2024 13:57

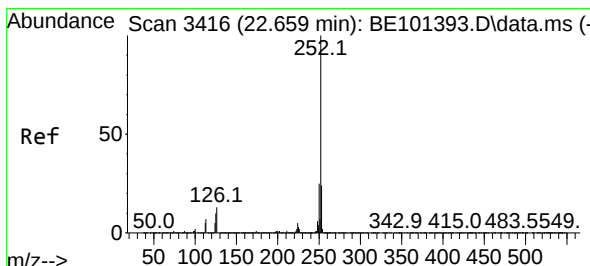
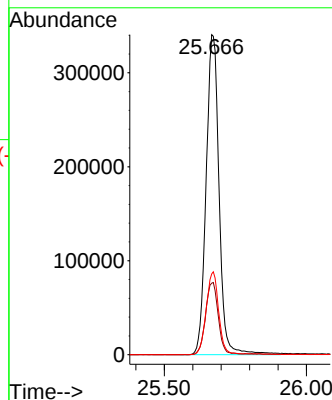
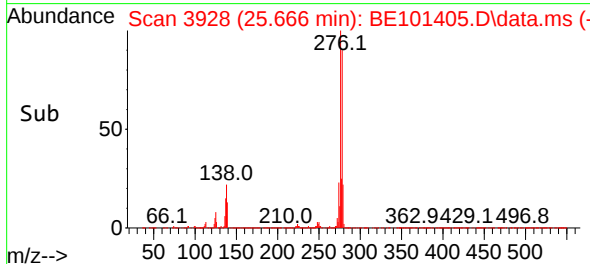
Instrument : BNA\_E  
ClientSampleId : LOQ-WATER-02-QT4-2024



Tgt Ion:276 Resp: 1077630  
Ion Ratio Lower Upper  
276 100  
138 22.1 17.8 26.8  
277 24.9 20.5 30.7

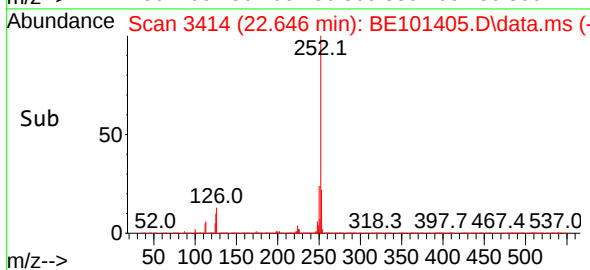
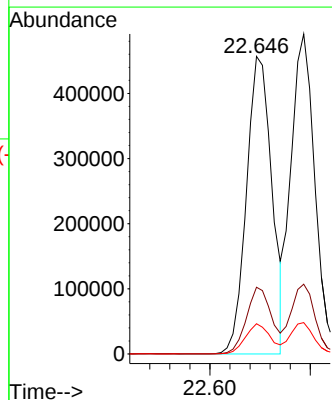
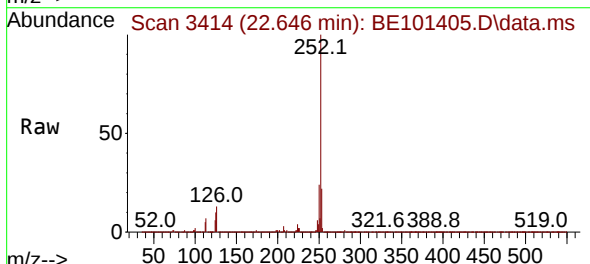
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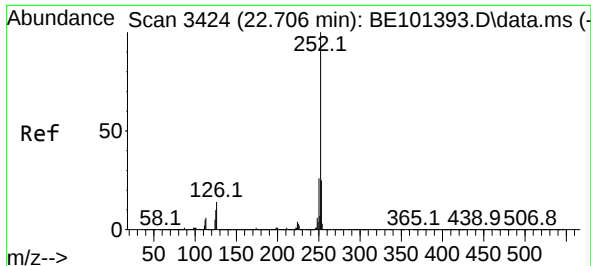
Reviewed By :Jagrut Upadhyay 10/30/2024  
Supervised By :mohammad ahmed 11/04/2024



#88  
Benzo(b)fluoranthene  
Concen: 13.059 ng  
RT: 22.646 min Scan# 3414  
Delta R.T. -0.012 min  
Lab File: BE101405.D  
Acq: 29 Oct 2024 13:57

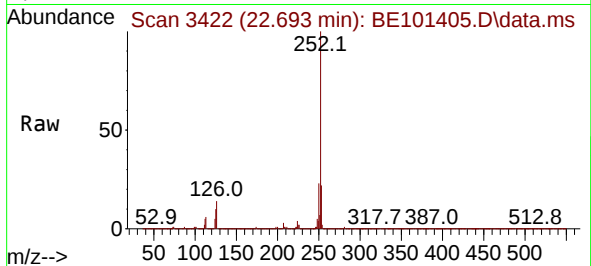
Tgt Ion:252 Resp: 804864  
Ion Ratio Lower Upper  
252 100  
253 22.4 19.0 28.6  
125 10.2 8.2 12.2





#89  
Benzo(k)fluoranthene  
Concen: 14.255 ng  
RT: 22.693 min Scan# 3424  
Delta R.T. -0.012 min  
Lab File: BE101405.D  
Acq: 29 Oct 2024 13:57

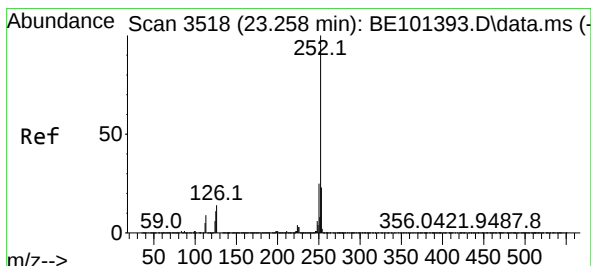
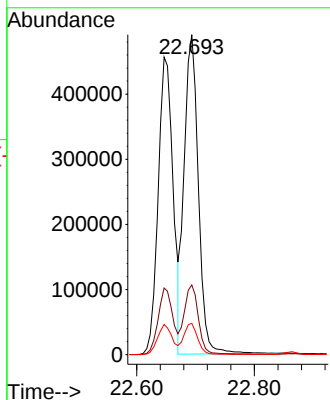
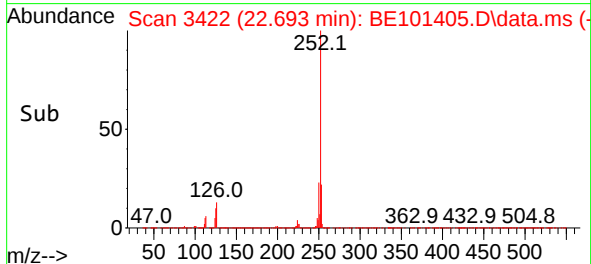
Instrument : BNA\_E  
ClientSampleId :  
LOQ-WATER-02-QT4-2024



Tgt Ion:252 Resp: 820784  
Ion Ratio Lower Upper  
252 100  
253 21.8 19.4 29.2  
125 9.8 8.2 12.2

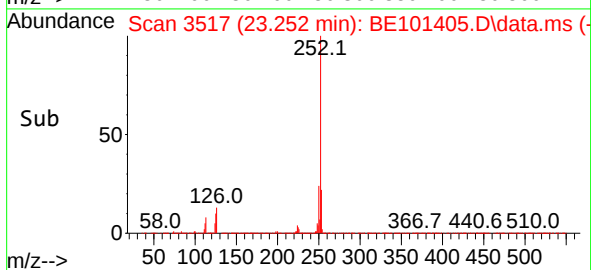
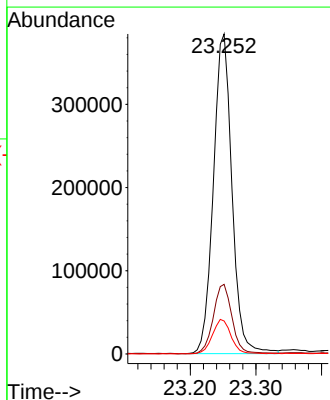
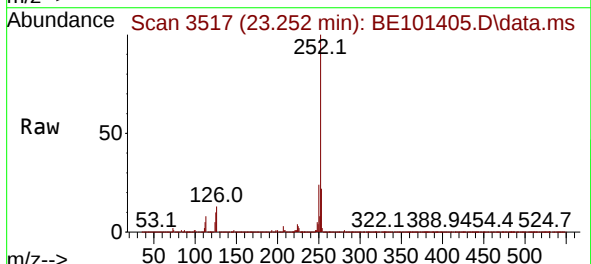
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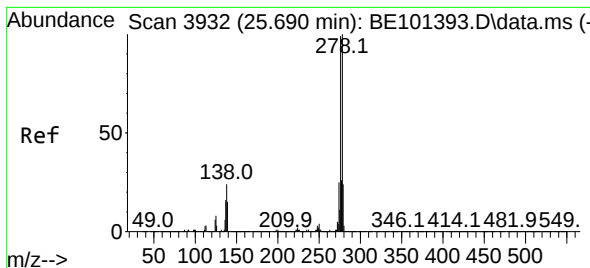
Reviewed By :Jagrut Upadhyay 10/30/2024  
Supervised By :mohammad ahmed 11/04/2024



#90  
Benzo(a)pyrene  
Concen: 13.983 ng  
RT: 23.252 min Scan# 3517  
Delta R.T. -0.006 min  
Lab File: BE101405.D  
Acq: 29 Oct 2024 13:57

Tgt Ion:252 Resp: 753663  
Ion Ratio Lower Upper  
252 100  
253 21.8 18.4 27.6  
125 10.3 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 13.548 ng

RT: 25.666 min Scan# 3932

Delta R.T. -0.024 min

Lab File: BE101405.D

Acq: 29 Oct 2024 13:57

Instrument :

BNA\_E

ClientSampleId :

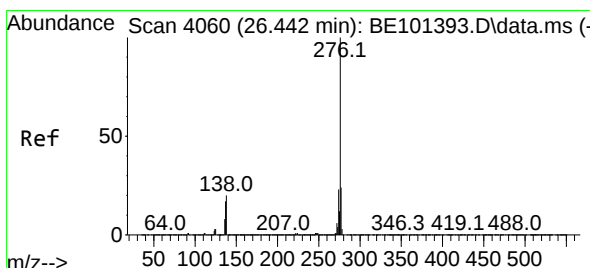
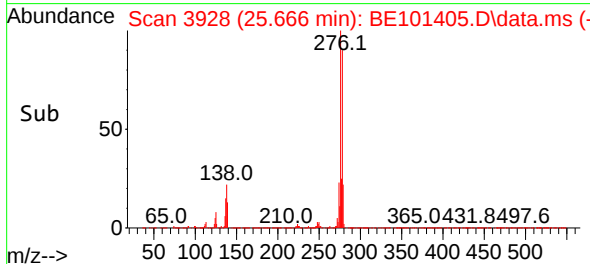
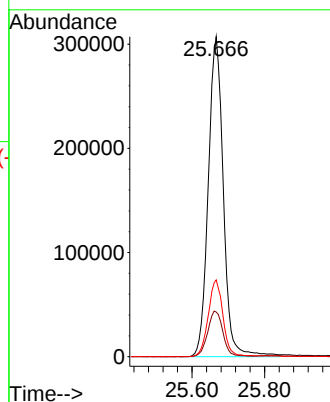
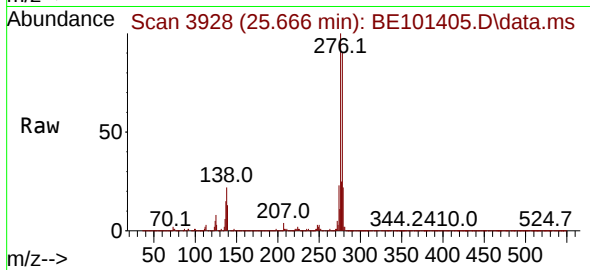
LOQ-WATER-02-QT4-2024

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 278   | Resp: | 88600 |
| Ion Ratio | Lower | Upper |       |
| 278       | 100   |       |       |
| 139       | 14.0  | 11.9  | 17.9  |
| 279       | 24.0  | 19.3  | 28.9  |

Manual Integrations

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Reviewed By :Jagrut Upadhyay 10/30/2024  
Supervised By :mohammad ahmed 11/04/2024



#92

Benzo(g,h,i)perylene

Concen: 12.251 ng

RT: 26.419 min Scan# 4056

Delta R.T. -0.024 min

Lab File: BE101405.D

Acq: 29 Oct 2024 13:57

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 276   | Resp: | 825497 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 277       | 24.6  | 19.4  | 29.2   |
| 138       | 19.9  | 15.8  | 23.6   |

