

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG051524\  
 Data File : BG061205.D  
 Acq On : 15 May 2024 14:18  
 Operator : MA/JU  
 Sample : P2444-04MS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

## Instrument :

BNA\_G

ClientSampleId :

WC-DDMS

## Manual Integrations

## APPROVED

Reviewed By :Jagrut Upadhyay 05/16/2024  
 Supervised By :mohammad ahmed 05/17/2024

Quant Time: May 15 14:53:58 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG043024.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed May 01 05:11:25 2024

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.929  | 152  | 23280    | 20.000  | ng    | -0.03    |
| 21) Naphthalene-d8            | 10.726 | 136  | 91374    | 20.000  | ng    | #-0.03   |
| 39) Acenaphthene-d10          | 14.556 | 164  | 71338    | 20.000  | ng    | -0.03    |
| 64) Phenanthrene-d10          | 17.306 | 188  | 170688   | 20.000  | ng    | -0.03    |
| 76) Chrysene-d12              | 21.566 | 240  | 175501   | 20.000  | ng    | -0.03    |
| 86) Perylene-d12              | 24.686 | 264  | 207524   | 20.000  | ng    | -0.04    |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.526  | 112  | 159163   | 139.044 | ng    | -0.02    |
| 7) Phenol-d6                  | 7.112  | 99   | 203895   | 120.409 | ng    | -0.02    |
| 23) Nitrobenzene-d5           | 9.086  | 82   | 169531   | 91.974  | ng    | -0.03    |
| 42) 2,4,6-Tribromophenol      | 16.055 | 330  | 187113   | 131.223 | ng    | -0.02    |
| 45) 2-Fluorobiphenyl          | 13.182 | 172  | 462180   | 95.802  | ng    | -0.03    |
| 79) Terphenyl-d14             | 19.927 | 244  | 951397   | 90.159  | ng    | -0.03    |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.446  | 88   | 14232    | 30.749  | ng    | # 1      |
| 3) Pyridine                   | 3.845  | 79   | 20296    | 14.902  | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.746  | 42   | 46420    | 35.475  | ng    | # 96     |
| 6) Aniline                    | 7.253  | 93   | 13045    | 7.771   | ng    | # 93     |
| 8) 2-Chlorophenol             | 7.500  | 128  | 64660    | 46.043  | ng    | 97       |
| 9) Benzaldehyde               | 7.071  | 77   | 10891    | 9.577   | ng    | 91       |
| 10) Phenol                    | 7.136  | 94   | 71504    | 41.522  | ng    | 92       |
| 11) bis(2-Chloroethyl)ether   | 7.353  | 93   | 54037    | 45.423  | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 7.817  | 146  | 73853    | 44.609  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 7.964  | 146  | 73458    | 42.931  | ng    | 92       |
| 14) 1,2-Dichlorobenzene       | 8.281  | 146  | 70930    | 42.966  | ng    | 92       |
| 15) Benzyl Alcohol            | 8.170  | 79   | 66488    | 43.526  | ng    | 94       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.446  | 45   | 124850m  | 48.365  | ng    |          |
| 17) 2-Methylphenol            | 8.381  | 107  | 56205    | 45.799  | ng    | 97       |
| 18) Hexachloroethane          | 9.010  | 117  | 26645    | 43.641  | ng    | 87       |
| 19) n-Nitroso-di-n-propyla... | 8.734  | 70   | 52803    | 41.667  | ng    | # 88     |
| 20) 3+4-Methylphenols         | 8.710  | 107  | 76351    | 43.123  | ng    | 97       |
| 22) Acetophenone              | 8.746  | 105  | 105668   | 46.436  | ng    | 97       |
| 24) Nitrobenzene              | 9.128  | 77   | 83483    | 46.297  | ng    | 98       |
| 25) Isophorone                | 9.650  | 82   | 144189   | 42.318  | ng    | 94       |
| 26) 2-Nitrophenol             | 9.838  | 139  | 40650    | 47.581  | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 9.903  | 122  | 50659    | 51.432  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 10.132 | 93   | 77631    | 46.424  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.379 | 162  | 74821    | 48.482  | ng    | 95       |
| 30) 1,2,4-Trichlorobenzene    | 10.591 | 180  | 87117    | 46.849  | ng    | 97       |
| 31) Naphthalene               | 10.773 | 128  | 218713   | 46.056  | ng    | 97       |
| 32) Benzoic acid              | 10.079 | 122  | 28885m   | 25.368  | ng    |          |
| 33) 4-Chloroaniline           | 10.884 | 127  | 11110m   | 5.866   | ng    |          |
| 34) Hexachlorobutadiene       | 11.061 | 225  | 72464    | 45.416  | ng    | 97       |
| 35) Caprolactam               | 11.666 | 113  | 16661m   | 29.978  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 12.024 | 107  | 82654    | 44.415  | ng    | 97       |
| 37) 2-Methylnaphthalene       | 12.383 | 142  | 158821   | 44.630  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.600 | 142  | 145450   | 40.599  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 12.753 | 216  | 127520   | 53.563  | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 12.729 | 237  | 55235    | 60.605  | ng    | 97       |
| 43) 2,4,6-Trichlorophenol     | 12.994 | 196  | 76851    | 50.280  | ng    | 97       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG051524\  
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 Operator : MA/JU  
 Sample : P2444-04MS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 WC-DDMS

Manual Integrations  
 APPROVED

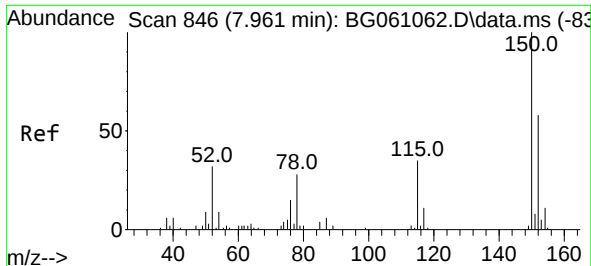
Reviewed By :Jagrut Upadhyay 05/16/2024  
 Supervised By :mohammad ahmed 05/17/2024

Quant Time: May 15 14:53:58 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG043024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 01 05:11:25 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.082 | 196  | 82017    | 47.412 | ng    | 96       |
| 46) 1,1'-Biphenyl             | 13.393 | 154  | 227510   | 49.739 | ng    | 92       |
| 47) 2-Chloronaphthalene       | 13.434 | 162  | 178033   | 48.607 | ng    | 95       |
| 48) 2-Nitroaniline            | 13.640 | 65   | 68004    | 50.034 | ng    | 95       |
| 49) Acenaphthylene            | 14.280 | 152  | 296490   | 52.705 | ng    | 99       |
| 50) Dimethylphthalate         | 14.016 | 163  | 247664   | 44.947 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.139 | 165  | 51666    | 43.837 | ng    | 92       |
| 52) Acenaphthene              | 14.627 | 154  | 166634   | 47.483 | ng    | 94       |
| 53) 3-Nitroaniline            | 14.462 | 138  | 12299    | 11.405 | ng    | # 89     |
| 54) 2,4-Dinitrophenol         | 14.686 | 184  | 37213    | 45.520 | ng    | 95       |
| 55) Dibenzofuran              | 14.962 | 168  | 286187   | 48.281 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.803 | 139  | 65897    | 75.612 | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 14.932 | 165  | 76267    | 43.739 | ng    | 91       |
| 58) Fluorene                  | 15.608 | 166  | 240397   | 46.868 | ng    | 96       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.191 | 232  | 82765    | 46.478 | ng    | 100      |
| 60) Diethylphthalate          | 15.379 | 149  | 239039   | 43.020 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.602 | 204  | 141347   | 45.894 | ng    | 99       |
| 62) 4-Nitroaniline            | 15.632 | 138  | 44910    | 38.398 | ng    | 96       |
| 63) Azobenzene                | 15.896 | 77   | 206319   | 47.699 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 15.702 | 198  | 31409    | 29.658 | ng    | 93       |
| 66) n-Nitrosodiphenylamine    | 15.820 | 169  | 207491   | 49.020 | ng    | 96       |
| 67) 4-Bromophenyl-phenylether | 16.495 | 248  | 102218   | 50.836 | ng    | 93       |
| 68) Hexachlorobenzene         | 16.619 | 284  | 122812   | 49.073 | ng    | 98       |
| 69) Atrazine                  | 16.766 | 200  | 75179    | 43.068 | ng    | 94       |
| 70) Pentachlorophenol         | 16.965 | 266  | 122899   | 79.934 | ng    | 96       |
| 71) Phenanthrene              | 17.347 | 178  | 393913   | 50.472 | ng    | 98       |
| 72) Anthracene                | 17.441 | 178  | 396997   | 50.978 | ng    | 100      |
| 73) Carbazole                 | 17.712 | 167  | 336783   | 49.185 | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.270 | 149  | 397081   | 48.770 | ng    | 99       |
| 75) Fluoranthene              | 19.363 | 202  | 516480   | 48.305 | ng    | 98       |
| 77) Benzidine                 | 19.551 | 184  | 38356m   | 13.612 | ng    |          |
| 78) Pyrene                    | 19.727 | 202  | 534001   | 47.860 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.614 | 149  | 177229   | 50.180 | ng    | 96       |
| 81) Benzo(a)anthracene        | 21.548 | 228  | 568373   | 49.491 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.466 | 252  | 75275    | 18.213 | ng    | 97       |
| 83) Chrysene                  | 21.613 | 228  | 538361   | 50.035 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 21.460 | 149  | 241880   | 52.445 | ng    | 98       |
| 85) Di-n-octyl phthalate      | 22.641 | 149  | 421624   | 51.816 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 28.235 | 276  | 628245m  | 45.681 | ng    |          |
| 88) Benzo(b)fluoranthene      | 23.705 | 252  | 553288   | 47.712 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.769 | 252  | 573852   | 51.438 | ng    | 99       |
| 90) Benzo(a)pyrene            | 24.551 | 252  | 512575   | 50.735 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 28.293 | 278  | 501077   | 43.995 | ng    | # 99     |
| 92) Benzo(g,h,i)perylene      | 29.339 | 276  | 447064m  | 39.500 | ng    |          |

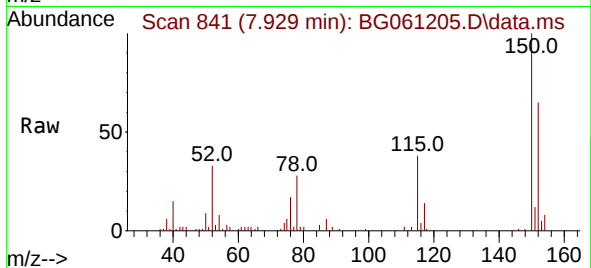
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.929 min Scan# 84  
Delta R.T. -0.032 min  
Lab File: BG061205.D  
Acq: 15 May 2024 14:18

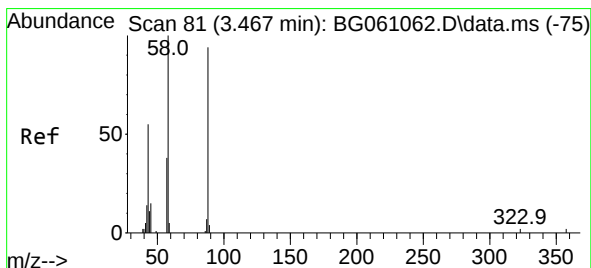
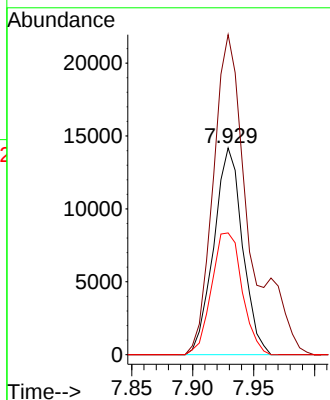
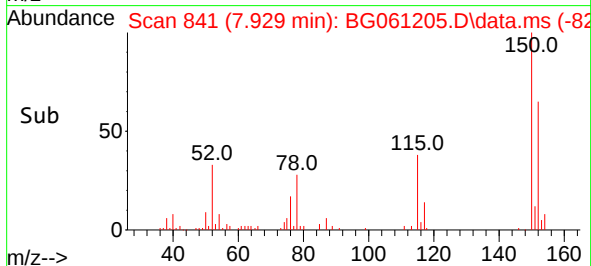
Instrument :  
BNA\_G  
ClientSampleId :  
WC-DDMS



Tgt Ion:152 Resp: 23280  
Ion Ratio Lower Upper  
152 100  
150 154.8 138.3 207.5  
115 58.9 48.0 72.0

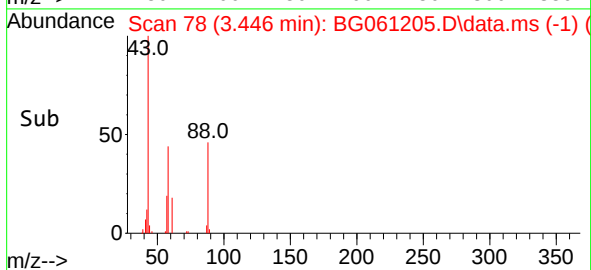
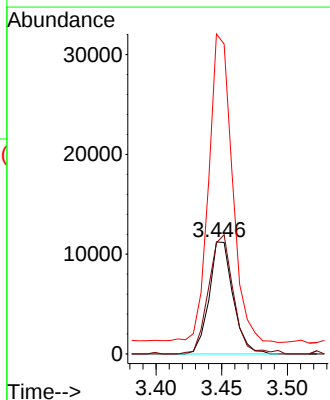
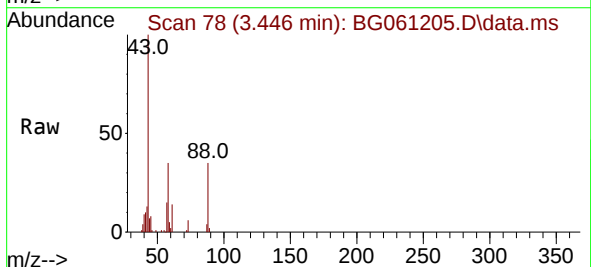
Manual Integrations  
APPROVED

Reviewed By :Jagrut Upadhyay 05/16/2024  
Supervised By :mohammad ahmed 05/17/2024



#2  
1,4-Dioxane  
Concen: 30.749 ng  
RT: 3.446 min Scan# 78  
Delta R.T. -0.021 min  
Lab File: BG061205.D  
Acq: 15 May 2024 14:18

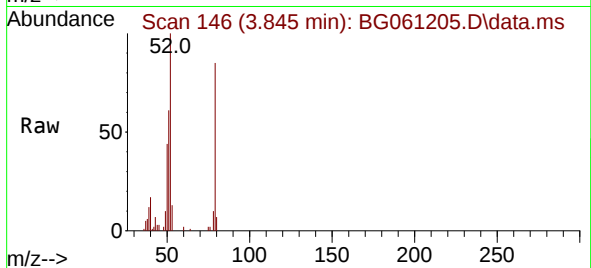
Tgt Ion: 88 Resp: 14232  
Ion Ratio Lower Upper  
88 100  
58 109.8 81.2 121.8  
43 272.5 45.0 67.4#





#3  
Pyridine  
Concen: 14.902 ng  
RT: 3.845 min Scan# 147  
Delta R.T. -0.009 min  
Lab File: BG061205.D  
Acq: 15 May 2024 14:18

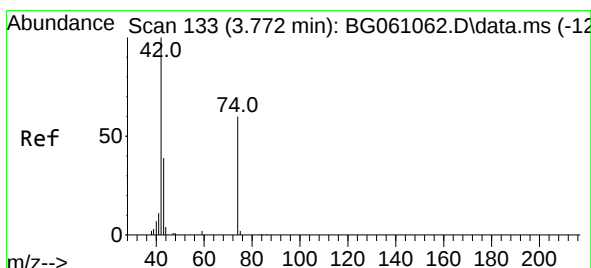
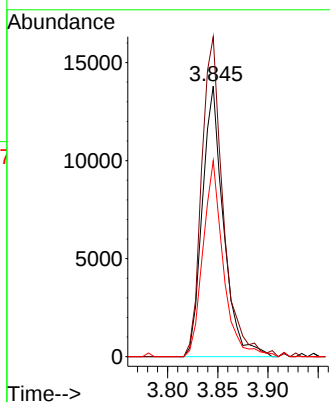
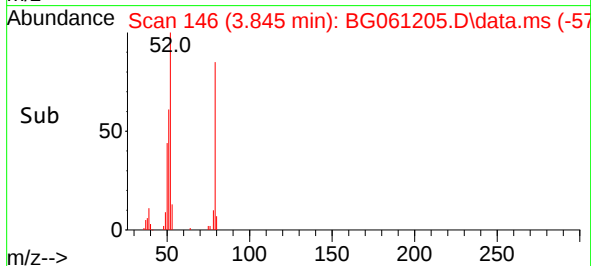
Instrument :  
BNA\_G  
ClientSampleId :  
WC-DDMS



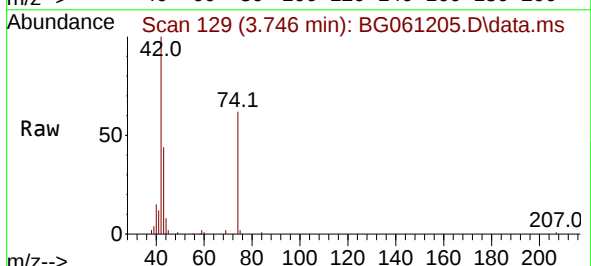
Tgt Ion: 79 Resp: 20290  
Ion Ratio Lower Upper  
79 100  
52 118.3 91.6 137.4  
51 72.4 57.0 85.4

Manual Integrations  
APPROVED

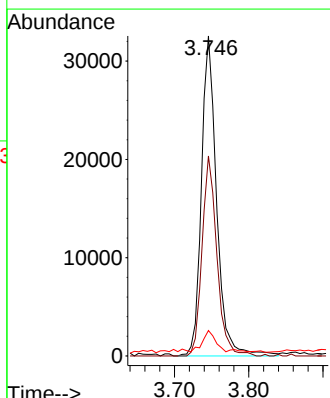
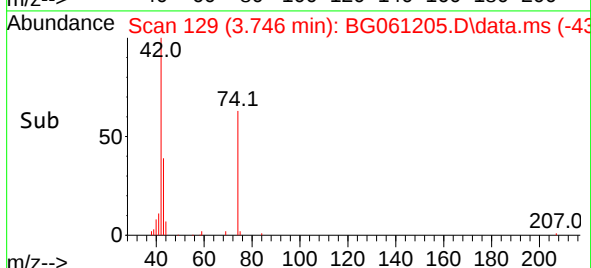
Reviewed By :Jagrut Upadhyay 05/16/2024  
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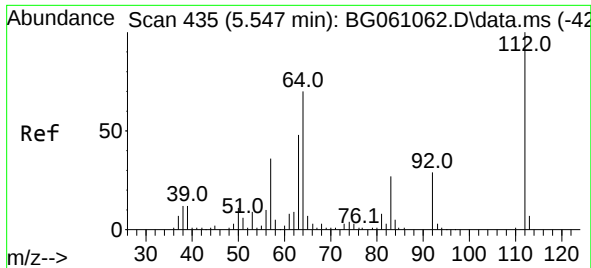


#4  
n-Nitrosodimethylamine  
Concen: 35.475 ng  
RT: 3.746 min Scan# 129  
Delta R.T. -0.027 min  
Lab File: BG061205.D  
Acq: 15 May 2024 14:18



Tgt Ion: 42 Resp: 46420  
Ion Ratio Lower Upper  
42 100  
74 62.5 47.8 71.8  
44 7.9 4.7 7.1#





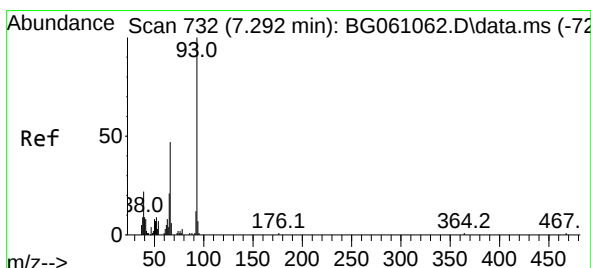
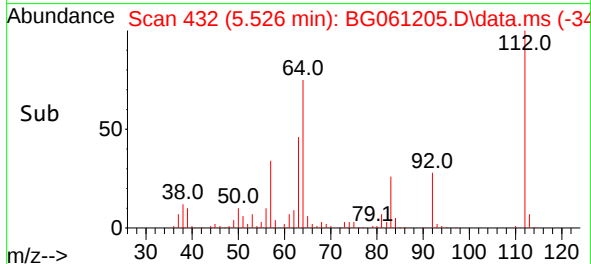
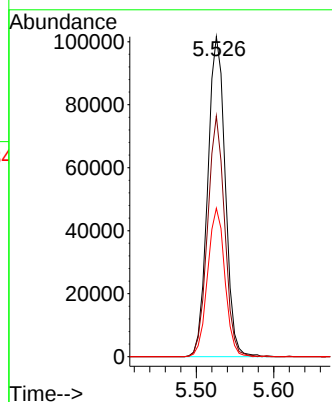
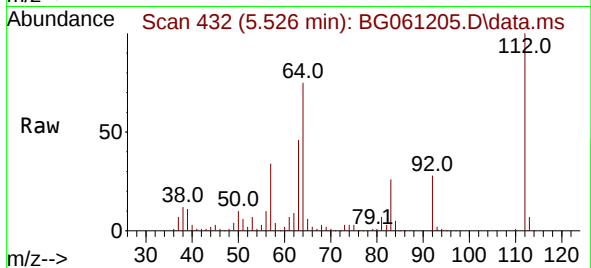
#5  
2-Fluorophenol  
Concen: 139.044 ng  
RT: 5.526 min Scan# 411  
Delta R.T. -0.021 min  
Lab File: BG061205.D  
Acq: 15 May 2024 14:18

Instrument :  
BNA\_G  
ClientSampleId :  
WC-DDMS

Tgt Ion:112 Resp: 15916  
Ion Ratio Lower Upper  
112 100  
64 75.2 55.7 83.5  
63 46.4 38.1 57.1

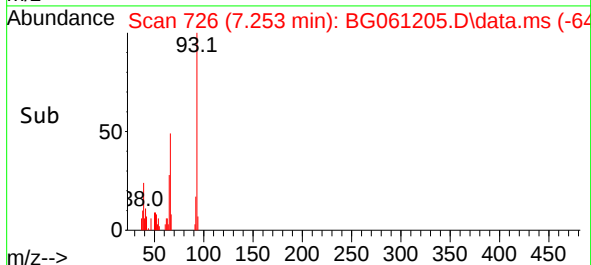
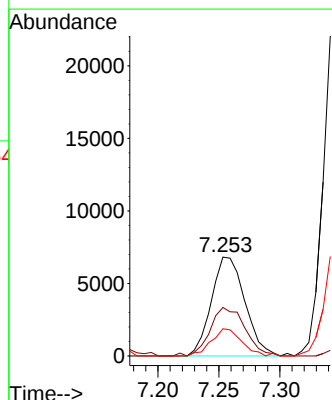
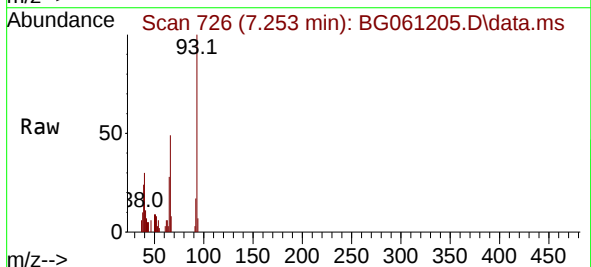
Manual Integrations  
APPROVED

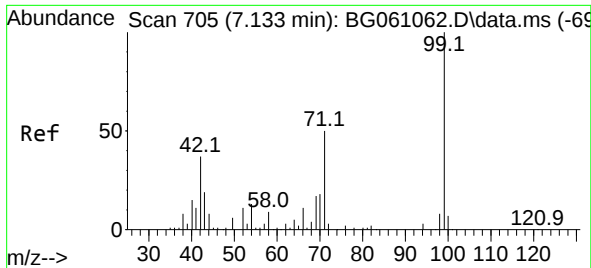
Reviewed By :Jagrut Upadhyay 05/16/2024  
Supervised By :mohammad ahmed 05/17/2024



#6  
Aniline  
Concen: 7.771 ng  
RT: 7.253 min Scan# 726  
Delta R.T. -0.038 min  
Lab File: BG061205.D  
Acq: 15 May 2024 14:18

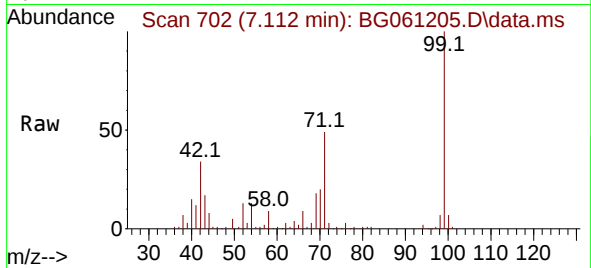
Tgt Ion: 93 Resp: 13045  
Ion Ratio Lower Upper  
93 100  
66 49.0 37.4 56.0  
65 27.6 16.6 24.8





#7  
Phenol-d6  
Concen: 120.409 ng  
RT: 7.112 min Scan# 705  
Delta R.T. -0.021 min  
Lab File: BG061205.D  
Acq: 15 May 2024 14:18

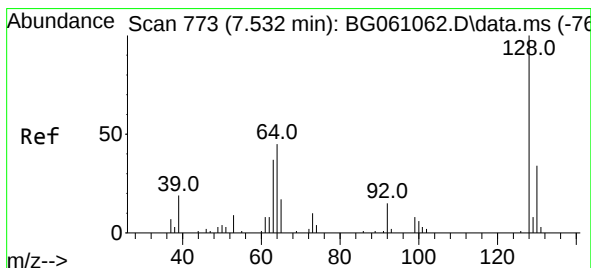
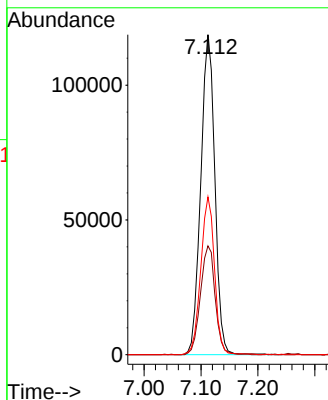
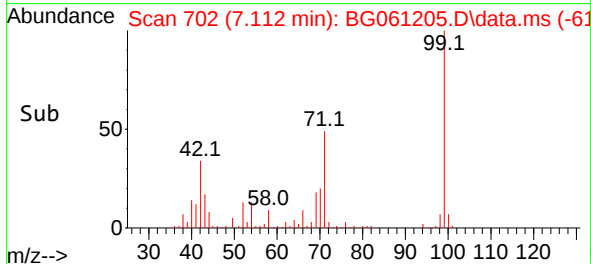
Instrument :  
BNA\_G  
ClientSampleId :  
WC-DDMS



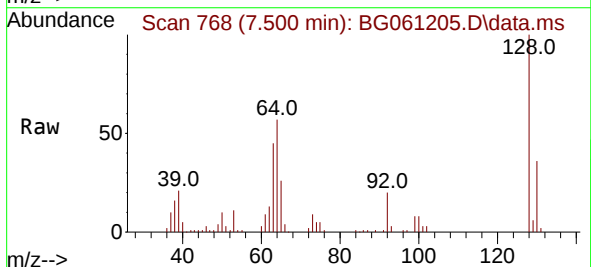
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Ion Ratio Lower Upper  
99 100  
42 34.0 29.2 43.8  
71 49.3 39.7 59.5

Manual Integrations  
APPROVED

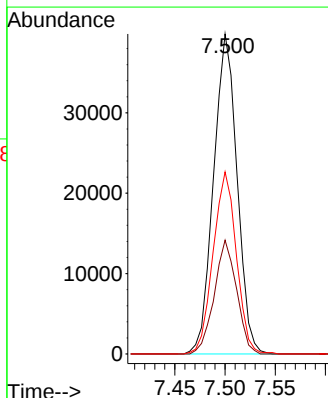
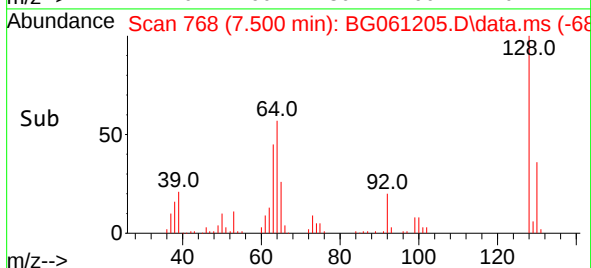
Reviewed By :Jagrut Upadhyay 05/16/2024  
Supervised By :mohammad ahmed 05/17/2024



#8  
2-Chlorophenol  
Concen: 46.043 ng  
RT: 7.500 min Scan# 768  
Delta R.T. -0.032 min  
Lab File: BG061205.D  
Acq: 15 May 2024 14:18



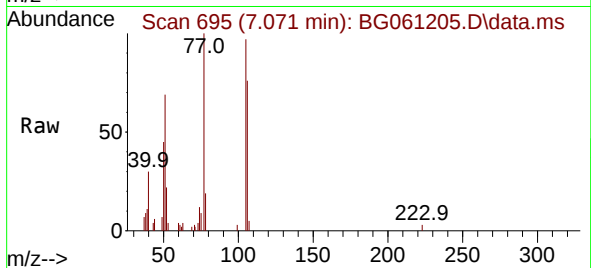
Tgt Ion:128 Resp: 64660  
Ion Ratio Lower Upper  
128 100  
130 35.6 14.1 54.1  
64 56.9 34.8 74.8





#9  
Benzaldehyde  
Concen: 9.577 ng  
RT: 7.071 min Scan# 695  
Delta R.T. -0.033 min  
Lab File: BG061205.D  
Acq: 15 May 2024 14:18

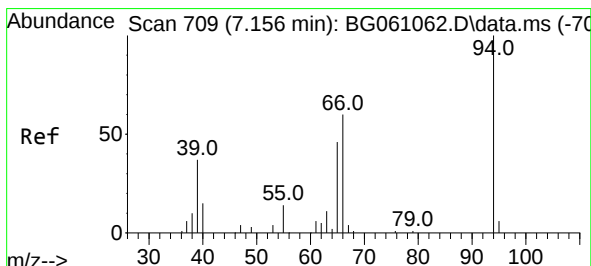
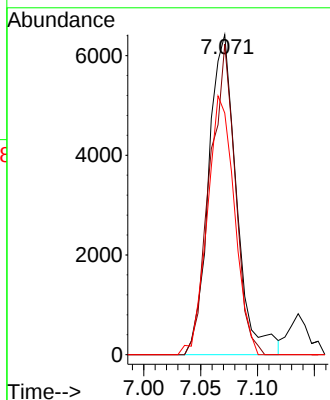
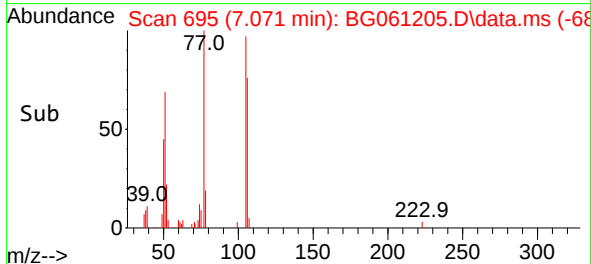
Instrument :  
BNA\_G  
ClientSampleId :  
WC-DDMS



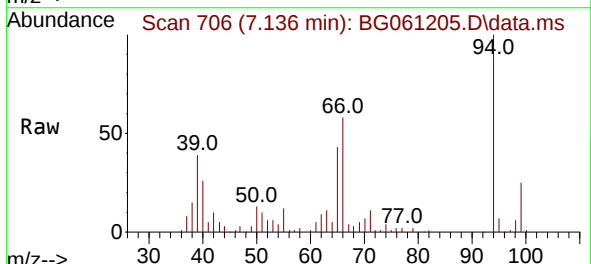
Tgt Ion: 77 Resp: 1089  
Ion Ratio Lower Upper  
77 100  
105 97.1 76.0 116.0  
106 75.5 72.3 112.3

Manual Integrations  
APPROVED

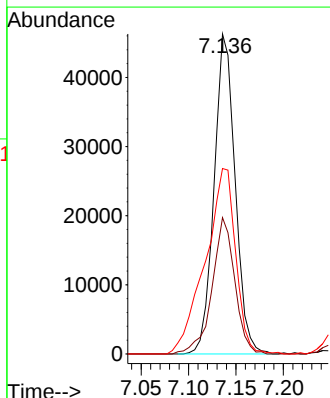
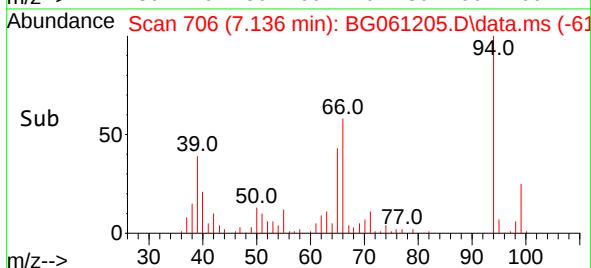
Reviewed By :Jagrut Upadhyay 05/16/2024  
Supervised By :mohammad ahmed 05/17/2024



#10  
Phenol  
Concen: 41.522 ng  
RT: 7.136 min Scan# 706  
Delta R.T. -0.021 min  
Lab File: BG061205.D  
Acq: 15 May 2024 14:18



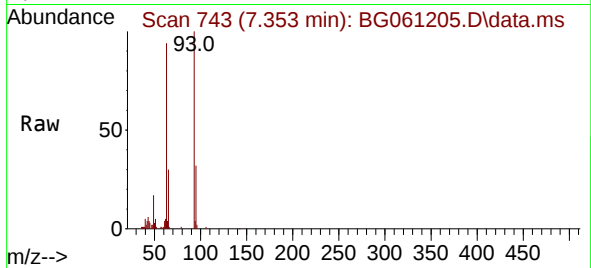
Tgt Ion: 94 Resp: 71504  
Ion Ratio Lower Upper  
94 100  
65 42.6 26.8 66.8  
66 58.0 44.7 84.7





#11  
bis(2-Chloroethyl)ether  
Concen: 45.423 ng  
RT: 7.353 min Scan# 748  
Delta R.T. -0.032 min  
Lab File: BG061205.D  
Acq: 15 May 2024 14:18

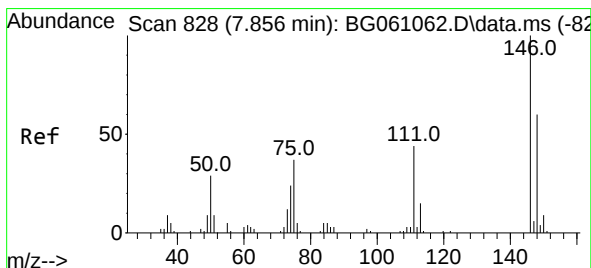
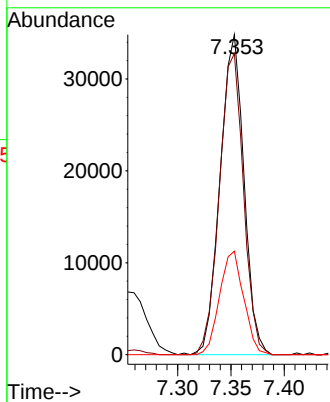
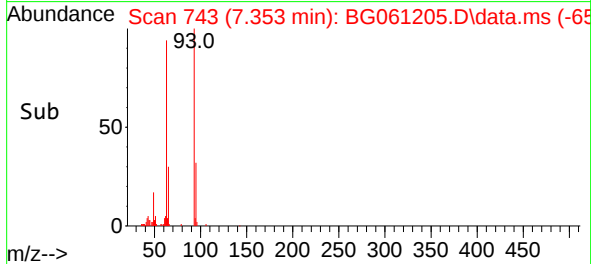
Instrument :  
BNA\_G  
ClientSampleId :  
WC-DDMS



Tgt Ion: 93 Resp: 5403  
Ion Ratio Lower Upper  
93 100  
63 94.1 76.8 116.8  
95 32.4 13.6 53.6

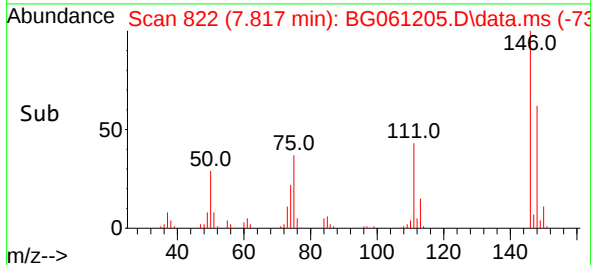
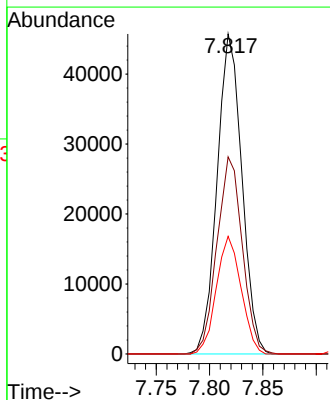
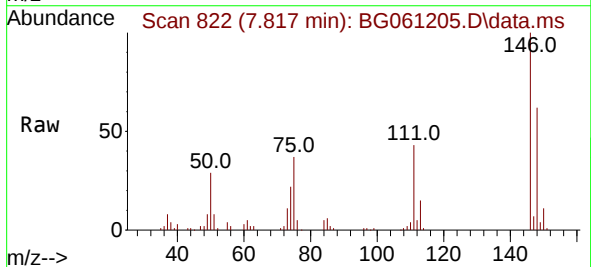
Manual Integrations  
APPROVED

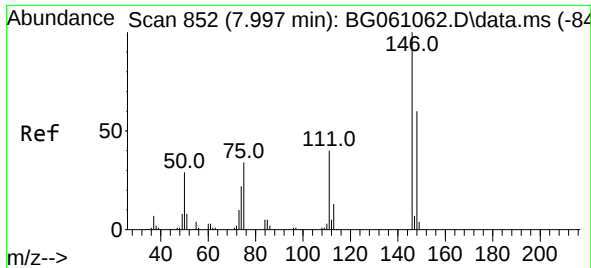
Reviewed By :Jagrut Upadhyay 05/16/2024  
Supervised By :mohammad ahmed 05/17/2024



#12  
1,3-Dichlorobenzene  
Concen: 44.609 ng  
RT: 7.817 min Scan# 822  
Delta R.T. -0.038 min  
Lab File: BG061205.D  
Acq: 15 May 2024 14:18

Tgt Ion:146 Resp: 73853  
Ion Ratio Lower Upper  
146 100  
148 61.6 48.0 72.0  
75 36.8 29.5 44.3





#13  
1,4-Dichlorobenzene  
Concen: 42.931 ng  
RT: 7.964 min Scan# 84  
Delta R.T. -0.032 min  
Lab File: BG061205.D  
Acq: 15 May 2024 14:18

Instrument :

BNA\_G

ClientSampleId :

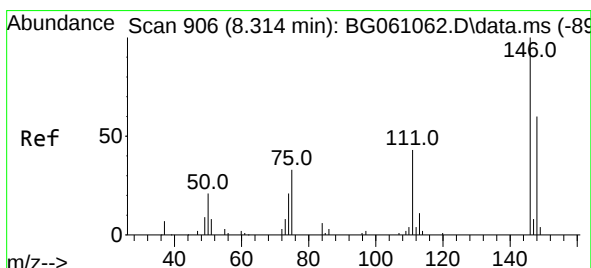
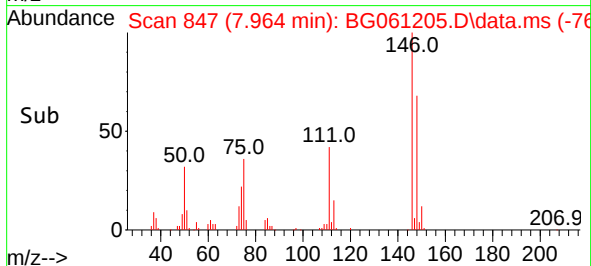
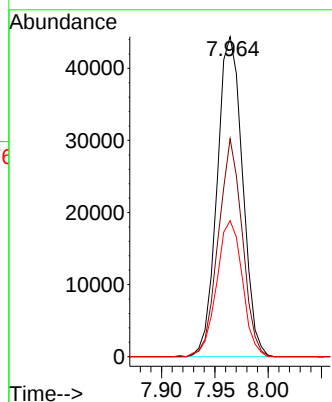
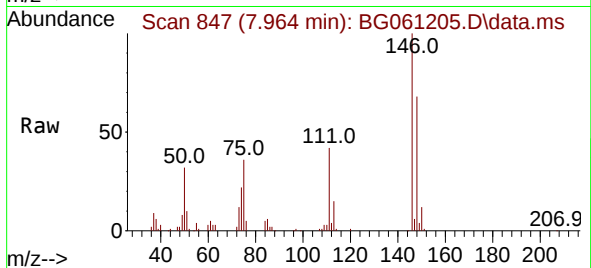
WC-DDMS

Tgt Ion:146 Resp: 7345  
Ion Ratio Lower Upper  
146 100  
148 68.1 48.1 72.1  
111 42.5 32.5 48.7

Manual Integrations

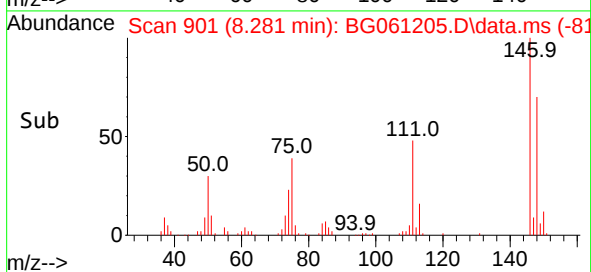
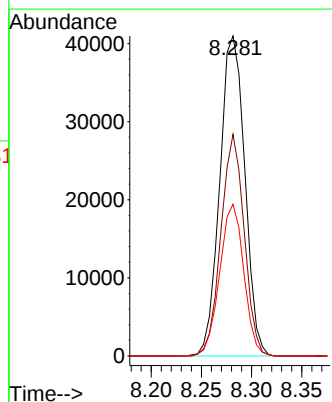
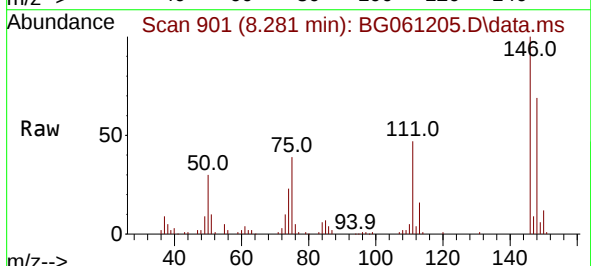
APPROVED

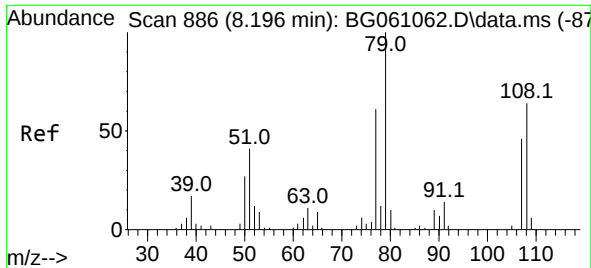
Reviewed By :Jagrut Upadhyay 05/16/2024  
Supervised By :mohammad ahmed 05/17/2024



#14  
1,2-Dichlorobenzene  
Concen: 42.966 ng  
RT: 8.281 min Scan# 901  
Delta R.T. -0.032 min  
Lab File: BG061205.D  
Acq: 15 May 2024 14:18

Tgt Ion:146 Resp: 70930  
Ion Ratio Lower Upper  
146 100  
148 69.2 48.2 72.2  
111 47.4 36.2 54.2





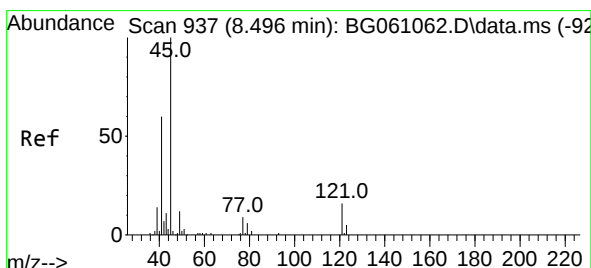
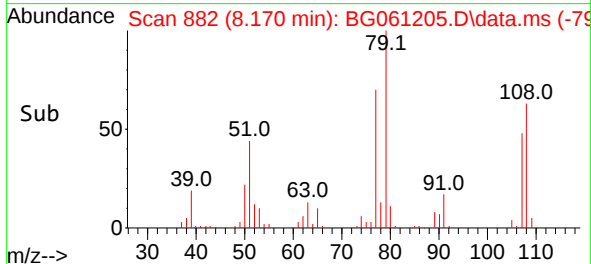
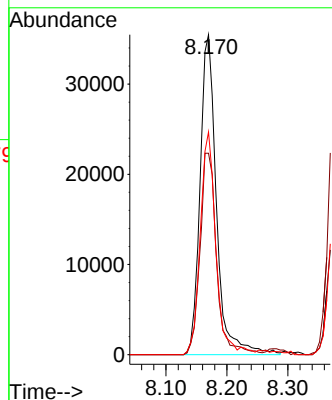
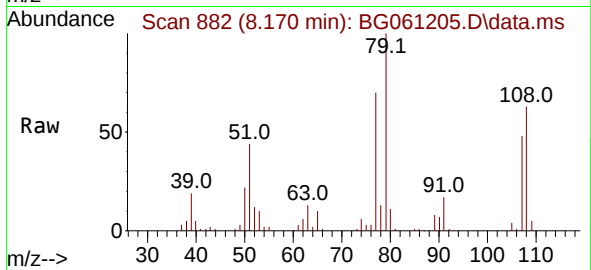
#15  
Benzyl Alcohol  
Concen: 43.526 ng  
RT: 8.170 min Scan# 81  
Delta R.T. -0.027 min  
Lab File: BG061205.D  
Acq: 15 May 2024 14:18

Instrument :  
BNA\_G  
ClientSampleId :  
WC-DDMS

Tgt Ion: 79 Resp: 6648  
Ion Ratio Lower Upper  
79 100  
108 63.0 51.1 76.7  
77 69.6 49.0 73.6

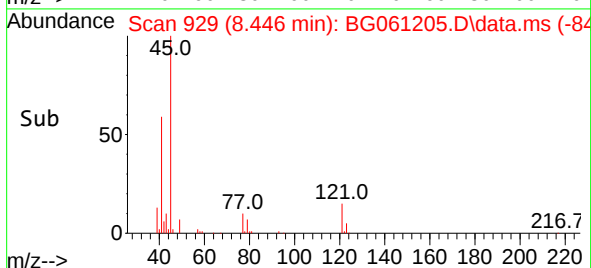
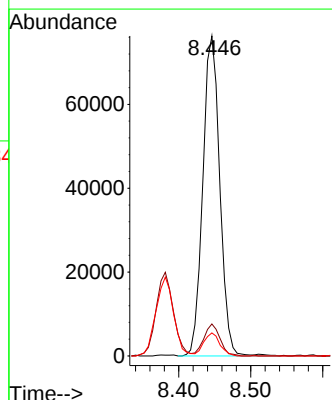
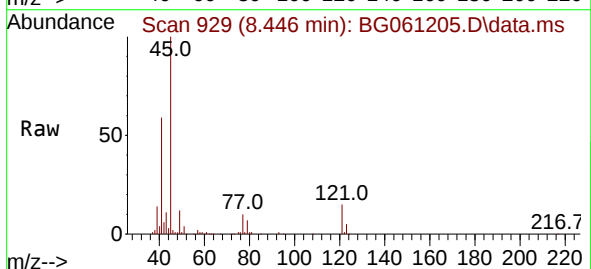
Manual Integrations  
APPROVED

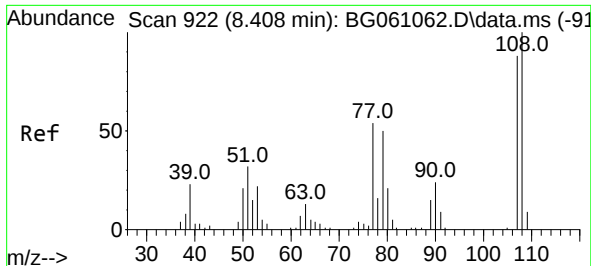
Reviewed By :Jagrut Upadhyay 05/16/2024  
Supervised By :mohammad ahmed 05/17/2024



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 48.365 ng m  
RT: 8.446 min Scan# 929  
Delta R.T. -0.050 min  
Lab File: BG061205.D  
Acq: 15 May 2024 14:18

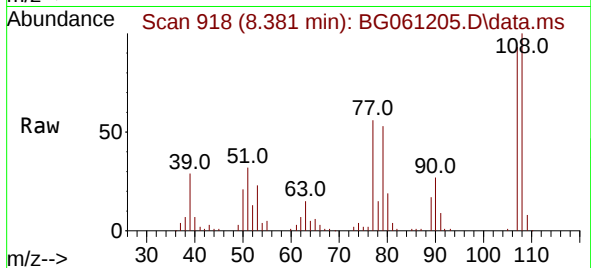
Tgt Ion: 45 Resp: 124850  
Ion Ratio Lower Upper  
45 100  
77 10.0 0.0 30.2  
79 7.2 0.0 26.5





#17  
2-Methylphenol  
Concen: 45.799 ng  
RT: 8.381 min Scan# 91  
Delta R.T. -0.027 min  
Lab File: BG061205.D  
Acq: 15 May 2024 14:18

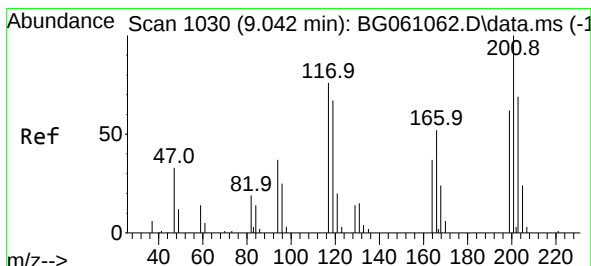
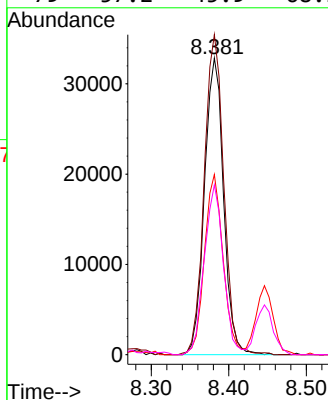
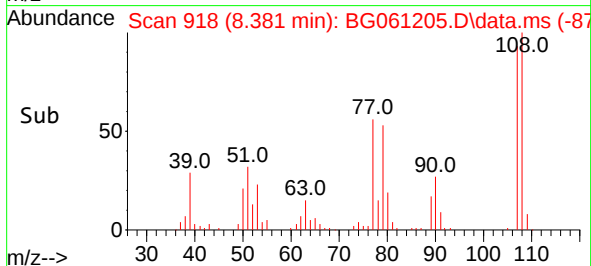
Instrument :  
BNA\_G  
ClientSampleId :  
WC-DDMS



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 5620  |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 107.9 | 91.4  | 137.2 |
| 77       | 60.7  | 49.4  | 74.2  |
| 79       | 57.2  | 45.9  | 68.9  |

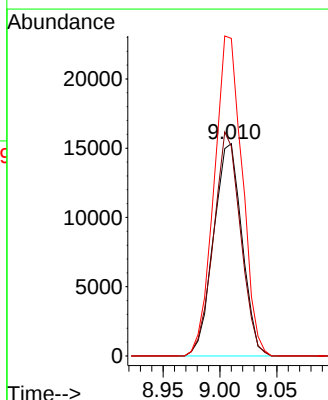
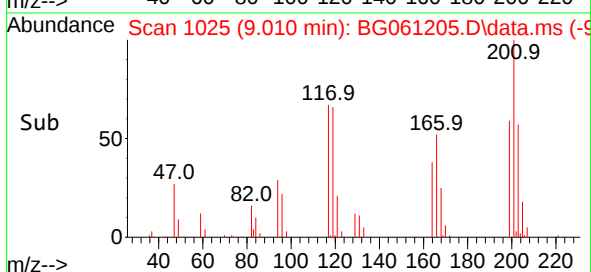
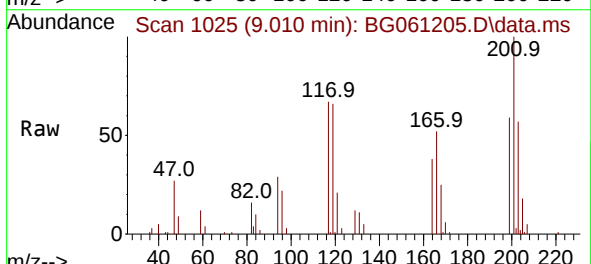
Manual Integrations  
APPROVED

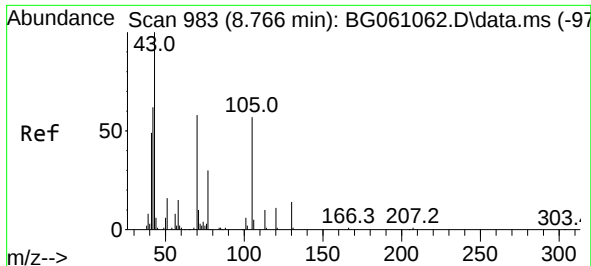
Reviewed By :Jagrut Upadhyay 05/16/2024  
Supervised By :mohammad ahmed 05/17/2024



#18  
Hexachloroethane  
Concen: 43.641 ng  
RT: 9.010 min Scan# 1025  
Delta R.T. -0.032 min  
Lab File: BG061205.D  
Acq: 15 May 2024 14:18

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 26645 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 98.7  | 71.4  | 107.0 |
| 201      | 149.7 | 105.8 | 158.8 |





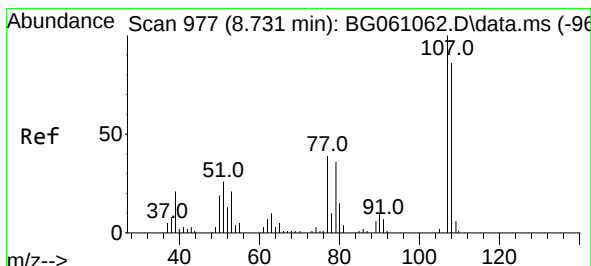
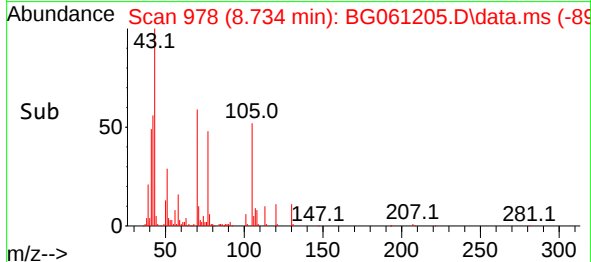
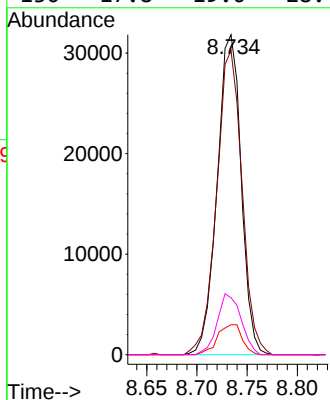
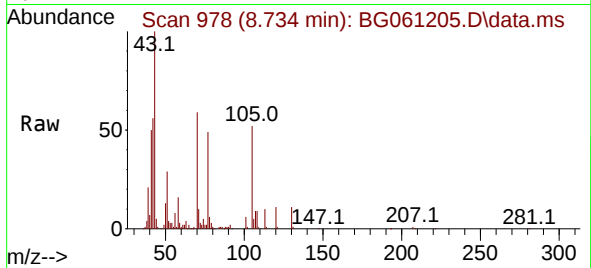
#19  
n-Nitroso-di-n-propylamine  
Concen: 41.667 ng  
RT: 8.734 min Scan# 91  
Delta R.T. -0.032 min  
Lab File: BG061205.D  
Acq: 15 May 2024 14:18

Instrument :  
BNA\_G  
ClientSampleId :  
WC-DDMS

Tgt Ion: 70 Resp: 5280  
Ion Ratio Lower Upper  
70 100  
42 95.1 86.4 129.6  
101 9.3 7.8 11.8  
130 17.8 19.0 28.4#

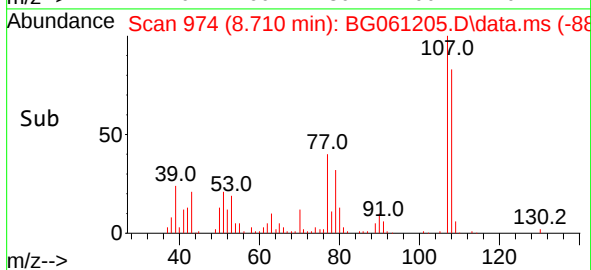
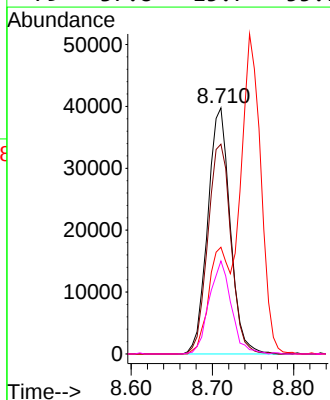
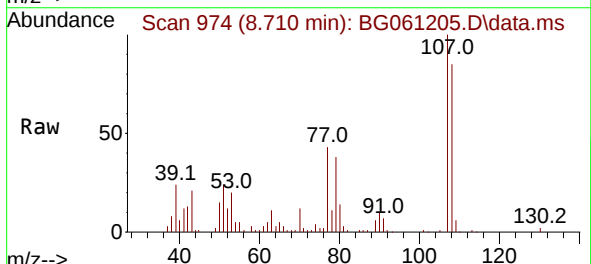
Manual Integrations  
APPROVED

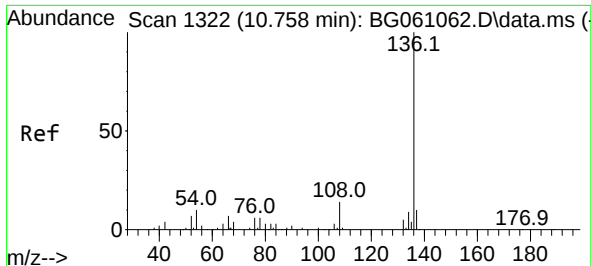
Reviewed By :Jagrut Upadhyay 05/16/2024  
Supervised By :mohammad ahmed 05/17/2024



#20  
3+4-Methylphenols  
Concen: 43.123 ng  
RT: 8.710 min Scan# 974  
Delta R.T. -0.021 min  
Lab File: BG061205.D  
Acq: 15 May 2024 14:18

Tgt Ion:107 Resp: 76351  
Ion Ratio Lower Upper  
107 100  
108 85.3 65.7 105.7  
77 43.4 19.4 59.4  
79 37.8 15.7 55.7





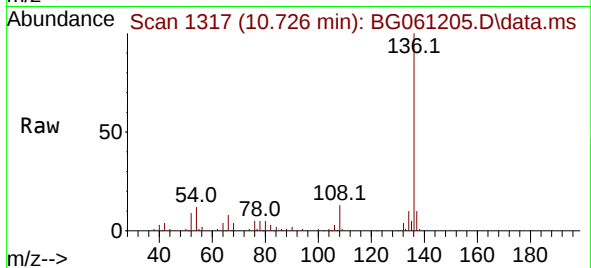
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.726 min Scan# 111  
Delta R.T. -0.032 min  
Lab File: BG061205.D  
Acq: 15 May 2024 14:18

Instrument :

BNA\_G

ClientSampleId :

WC-DDMS

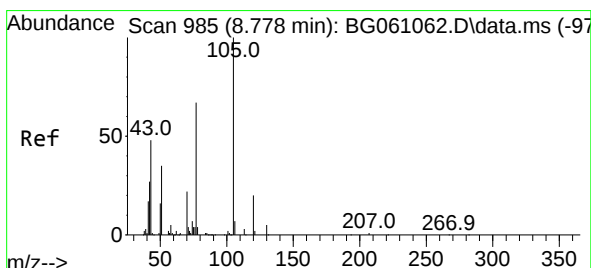
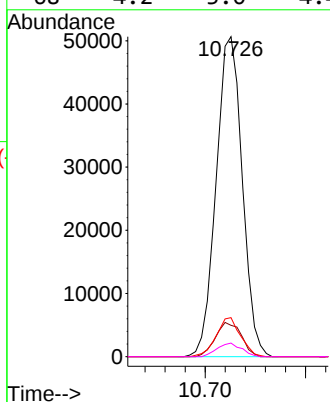
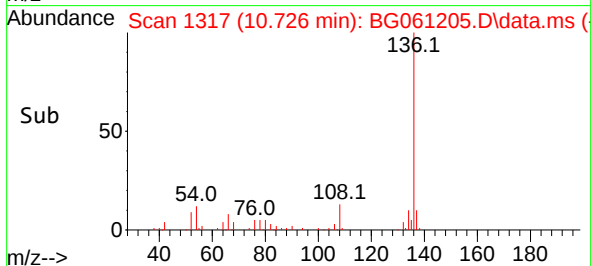


Tgt Ion:136 Resp: 91374  
Ion Ratio Lower Upper  
136 100  
137 9.8 7.8 11.6  
54 12.2 8.1 12.1  
68 4.2 3.0 4.4

Manual Integrations

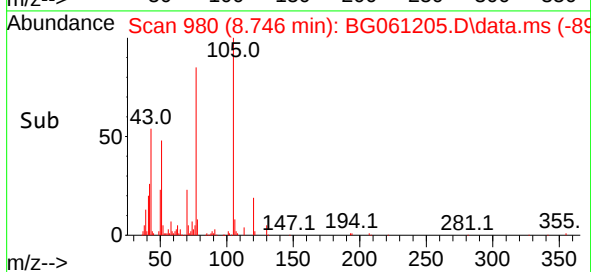
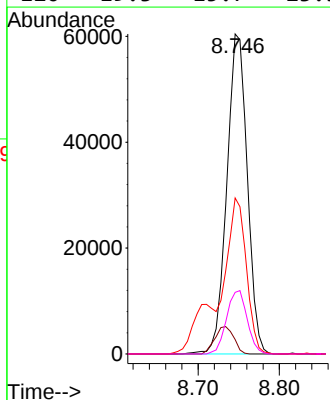
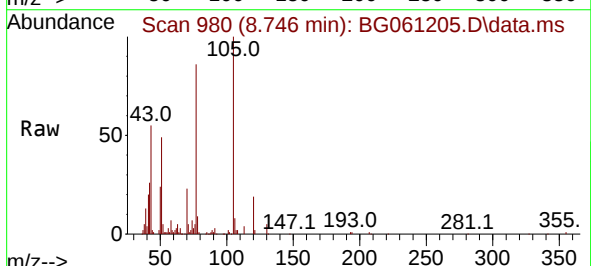
APPROVED

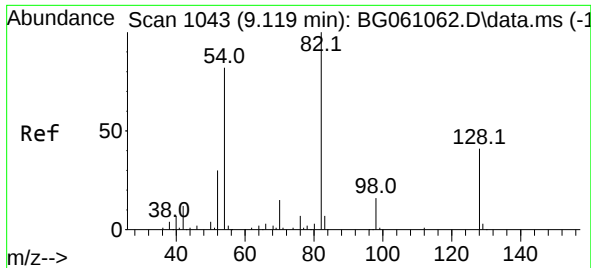
Reviewed By :Jagrut Upadhyay 05/16/2024  
Supervised By :mohammad ahmed 05/17/2024



#22  
Acetophenone  
Concen: 46.436 ng  
RT: 8.746 min Scan# 980  
Delta R.T. -0.032 min  
Lab File: BG061205.D  
Acq: 15 May 2024 14:18

Tgt Ion:105 Resp: 105668  
Ion Ratio Lower Upper  
105 100  
71 4.5 3.3 4.9  
51 48.8 36.7 55.1  
120 19.3 15.7 23.5





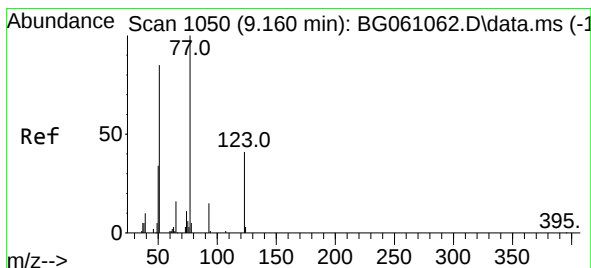
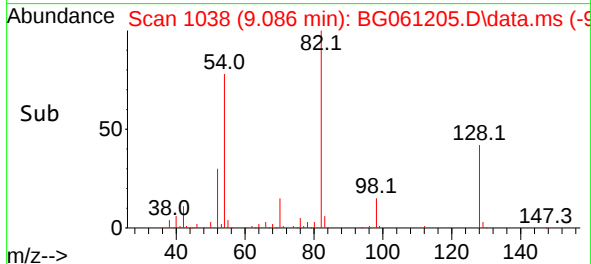
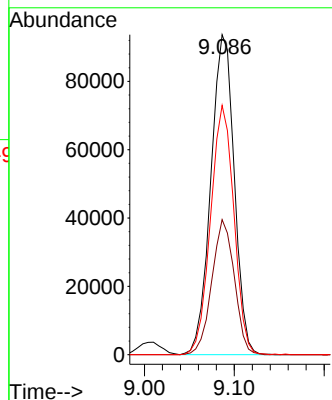
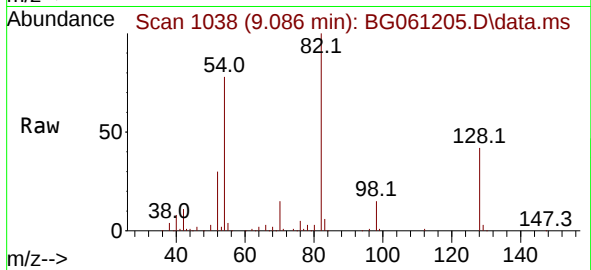
#23  
Nitrobenzene-d5  
Concen: 91.974 ng  
RT: 9.086 min Scan# 1043  
Delta R.T. -0.032 min  
Lab File: BG061205.D  
Acq: 15 May 2024 14:18

Instrument :  
BNA\_G  
ClientSampleId :  
WC-DDMS

Tgt Ion: 82 Resp: 16953  
Ion Ratio Lower Upper  
82 100  
128 42.2 32.7 49.1  
54 77.9 65.6 98.4

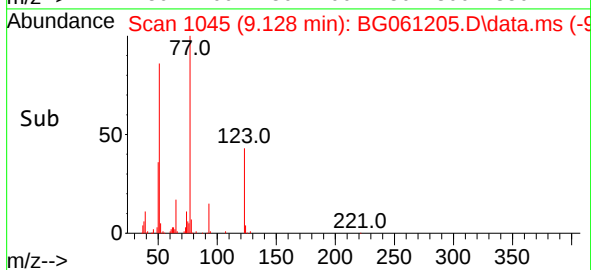
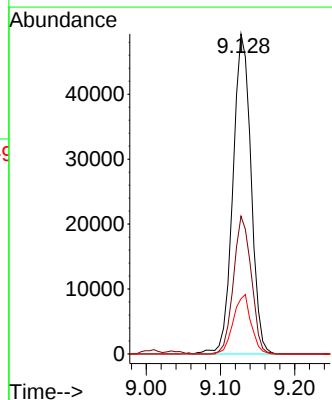
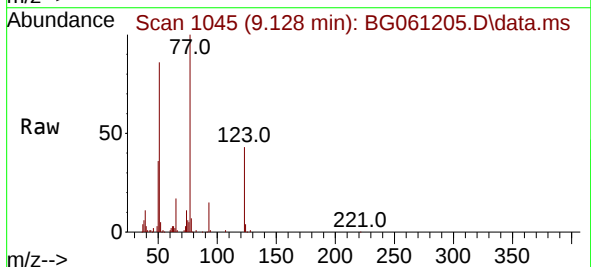
Manual Integrations  
APPROVED

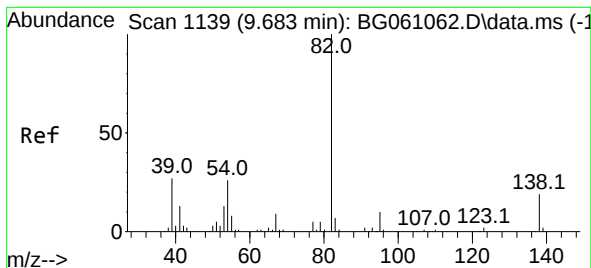
Reviewed By :Jagrut Upadhyay 05/16/2024  
Supervised By :mohammad ahmed 05/17/2024



#24  
Nitrobenzene  
Concen: 46.297 ng  
RT: 9.128 min Scan# 1045  
Delta R.T. -0.032 min  
Lab File: BG061205.D  
Acq: 15 May 2024 14:18

Tgt Ion: 77 Resp: 83483  
Ion Ratio Lower Upper  
77 100  
123 43.0 33.1 49.7  
65 17.2 13.1 19.7





#25

Isophorone

Concen: 42.318 ng

RT: 9.650 min Scan# 1139

Delta R.T. -0.032 min

Lab File: BG061205.D

Acq: 15 May 2024 14:18

Instrument :

BNA\_G

ClientSampleId :

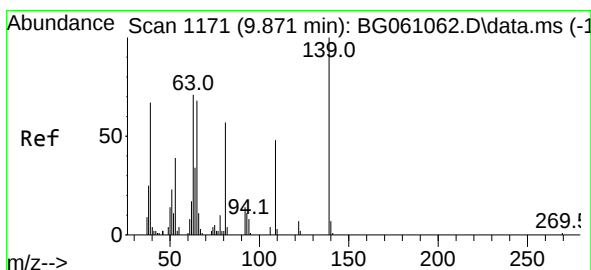
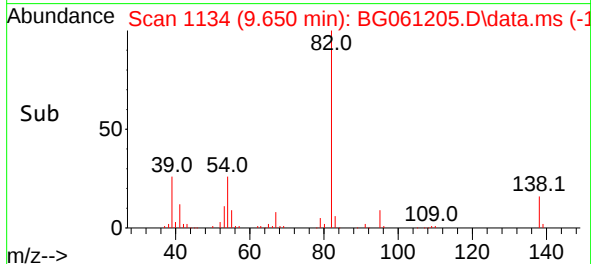
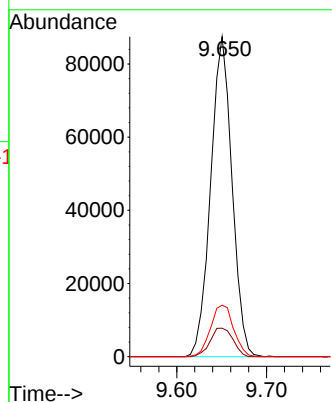
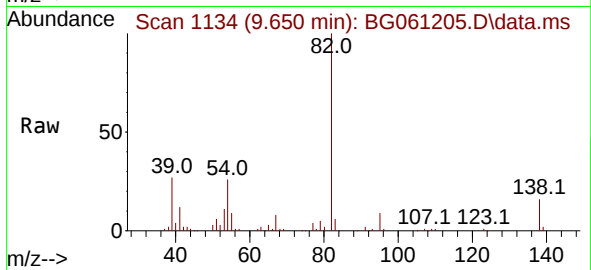
WC-DDMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 82    | Resp: | 144189 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 8.9   | 8.3   | 12.5   |
| 138       | 16.1  | 15.2  | 22.8   |

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/16/2024  
Supervised By :mohammad ahmed 05/17/2024



#26

2-Nitrophenol

Concen: 47.581 ng

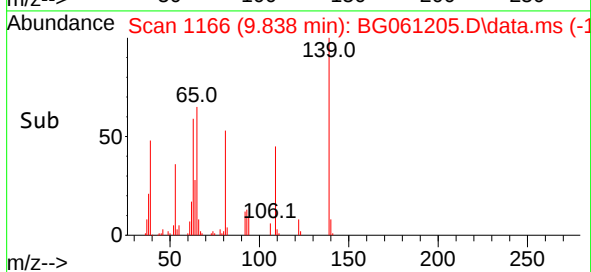
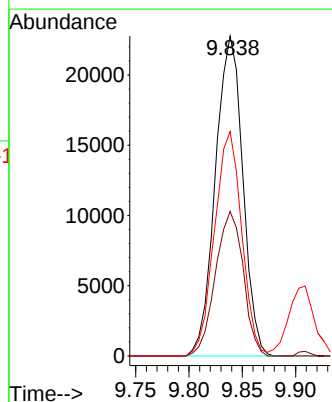
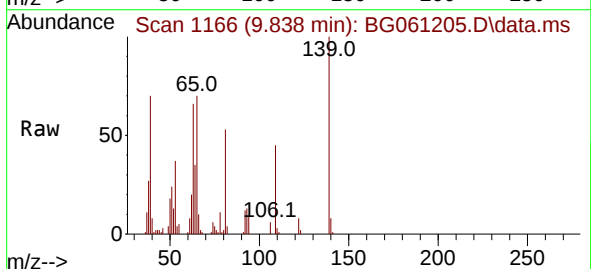
RT: 9.838 min Scan# 1166

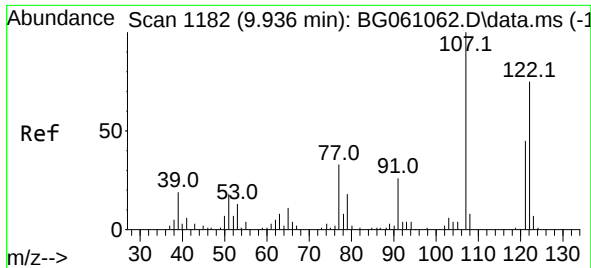
Delta R.T. -0.032 min

Lab File: BG061205.D

Acq: 15 May 2024 14:18

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 40650 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 45.1  | 38.5  | 57.7  |
| 65        | 70.2  | 54.5  | 81.7  |





#27

2,4-Dimethylphenol

Concen: 51.432 ng

RT: 9.903 min Scan# 1182

Delta R.T. -0.032 min

Lab File: BG061205.D

Acq: 15 May 2024 14:18

Instrument :

BNA\_G

ClientSampleId :

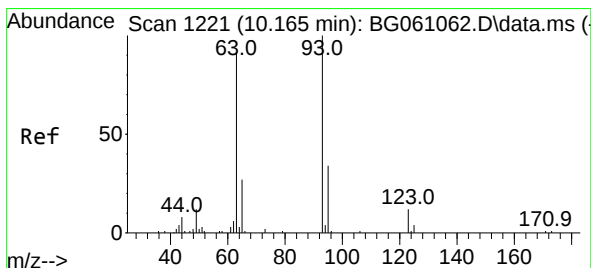
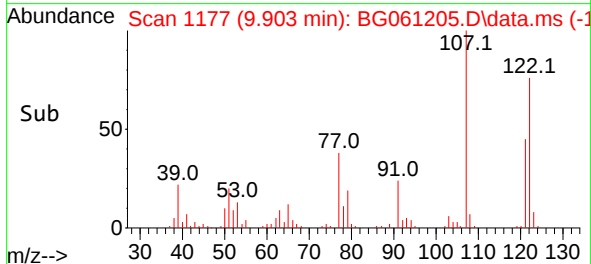
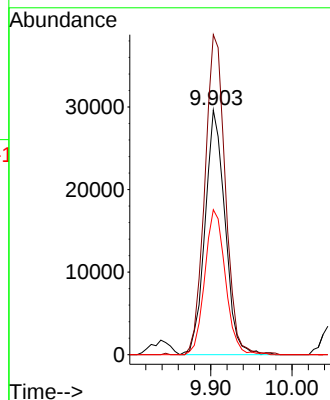
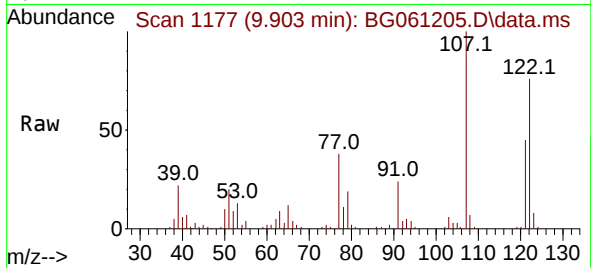
WC-DDMS

Tgt Ion:122 Resp: 50659  
 Ion Ratio Lower Upper  
 122 100  
 107 130.8 106.9 160.3  
 121 59.3 48.5 72.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/16/2024  
 Supervised By :mohammad ahmed 05/17/2024



#28

bis(2-Chloroethoxy)methane

Concen: 46.424 ng

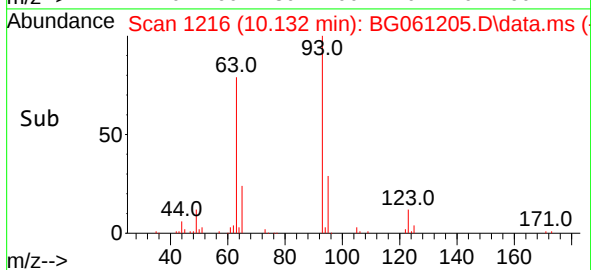
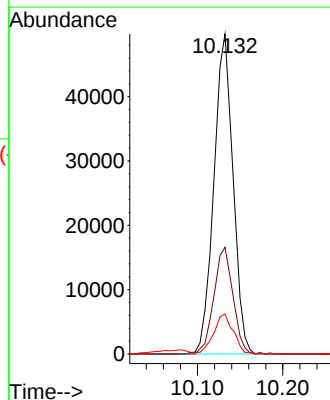
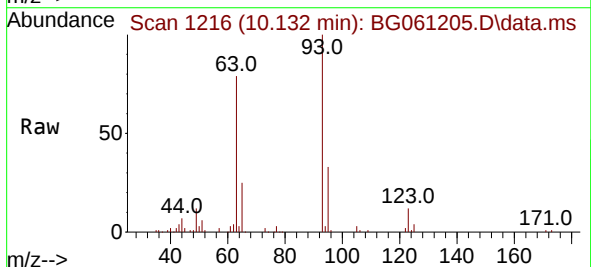
RT: 10.132 min Scan# 1216

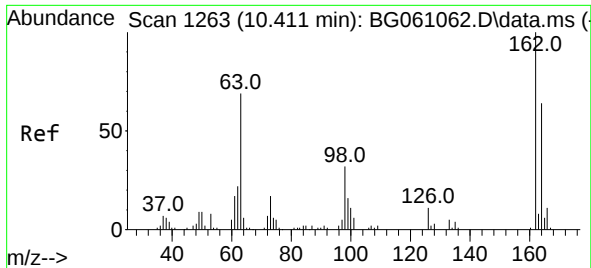
Delta R.T. -0.032 min

Lab File: BG061205.D

Acq: 15 May 2024 14:18

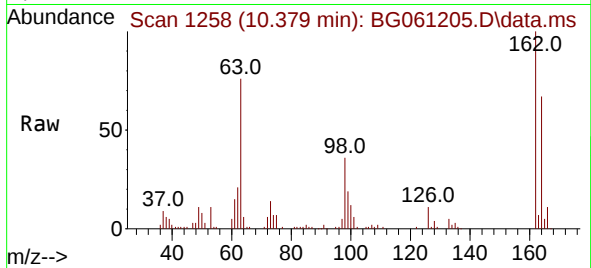
Tgt Ion: 93 Resp: 77631  
 Ion Ratio Lower Upper  
 93 100  
 95 33.4 27.4 41.0  
 123 12.5 9.7 14.5





#29  
2,4-Dichlorophenol  
Concen: 48.482 ng  
RT: 10.379 min Scan# 1258  
Delta R.T. -0.032 min  
Lab File: BG061205.D  
Acq: 15 May 2024 14:18

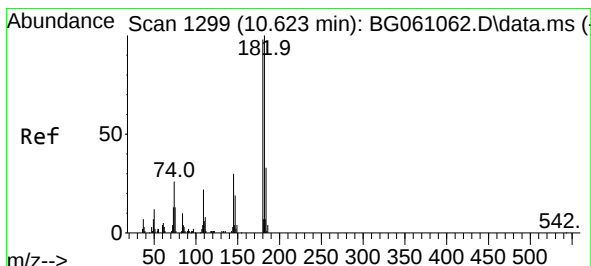
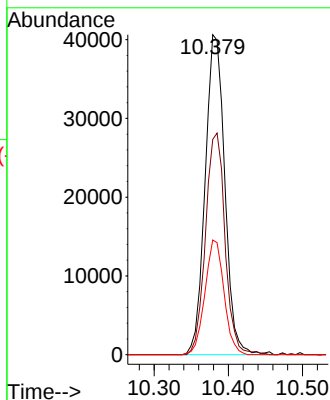
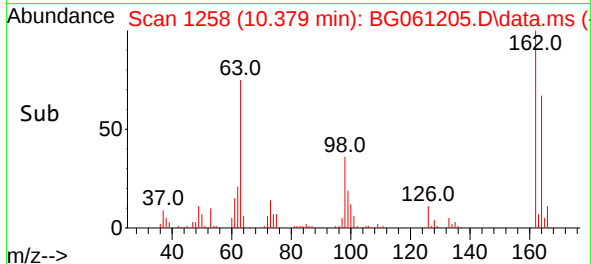
Instrument :  
BNA\_G  
ClientSampleId :  
WC-DDMS



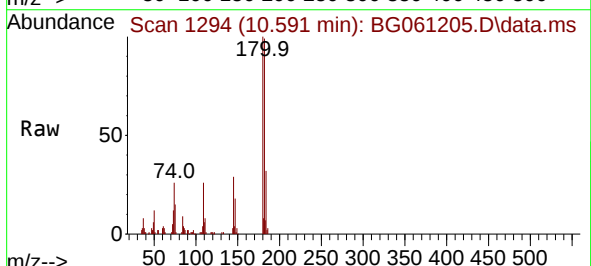
Tgt Ion:162 Resp: 7482  
Ion Ratio Lower Upper  
162 100  
164 67.3 43.6 83.6  
98 35.9 12.3 52.3

Manual Integrations  
APPROVED

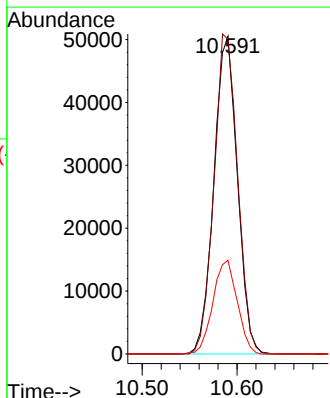
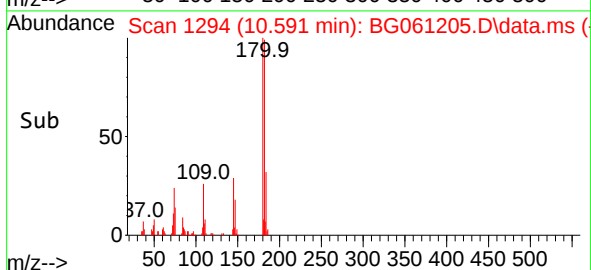
Reviewed By :Jagrut Upadhyay 05/16/2024  
Supervised By :mohammad ahmed 05/17/2024

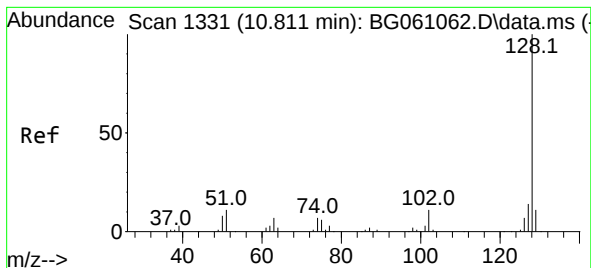


#30  
1,2,4-Trichlorobenzene  
Concen: 46.849 ng  
RT: 10.591 min Scan# 1294  
Delta R.T. -0.032 min  
Lab File: BG061205.D  
Acq: 15 May 2024 14:18



Tgt Ion:180 Resp: 87117  
Ion Ratio Lower Upper  
180 100  
182 99.0 81.7 122.5  
145 29.5 24.5 36.7





#31

Naphthalene

Concen: 46.056 ng

RT: 10.773 min Scan# 11

Delta R.T. -0.038 min

Lab File: BG061205.D

Acq: 15 May 2024 14:18

Instrument :

BNA\_G

ClientSampleId :

WC-DDMS

Tgt Ion:128 Resp: 21871

Ion Ratio Lower Upper

128 100

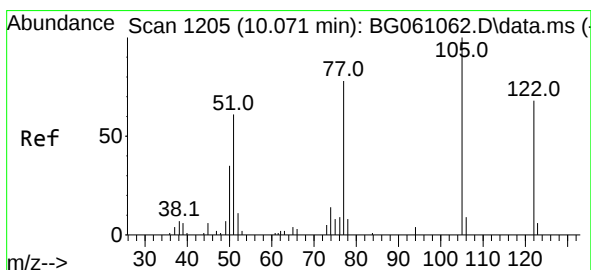
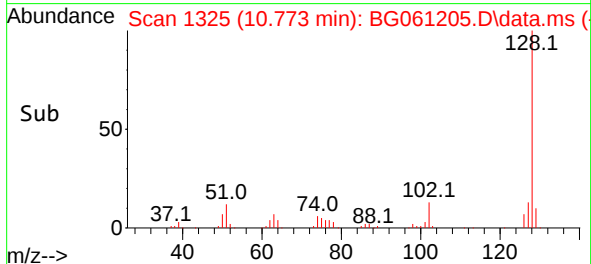
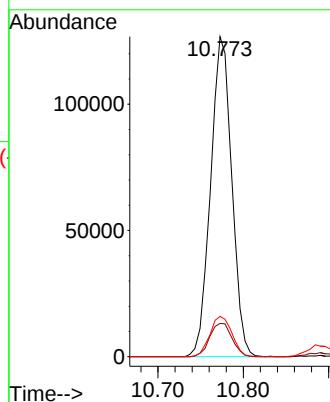
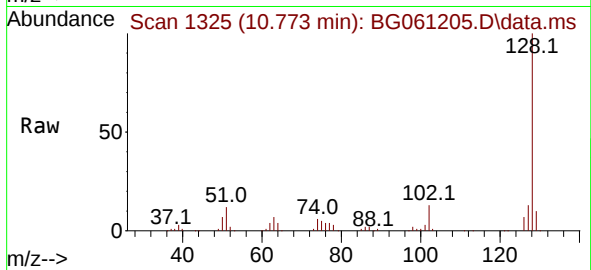
129 10.4 8.9 13.3

127 12.6 11.1 16.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/16/2024  
Supervised By :mohammad ahmed 05/17/2024



#32

Benzoic acid

Concen: 25.368 ng m

RT: 10.079 min Scan# 1207

Delta R.T. 0.009 min

Lab File: BG061205.D

Acq: 15 May 2024 14:18

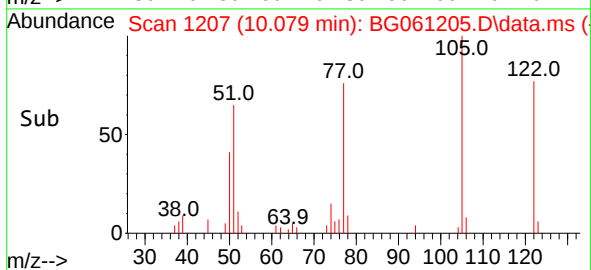
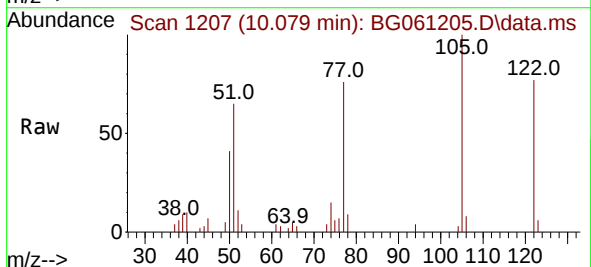
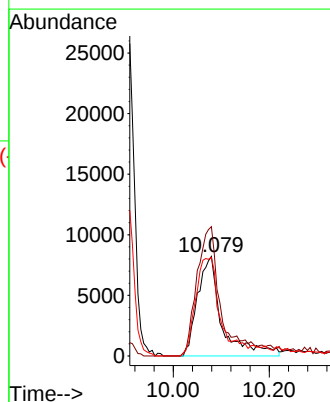
Tgt Ion:122 Resp: 28885

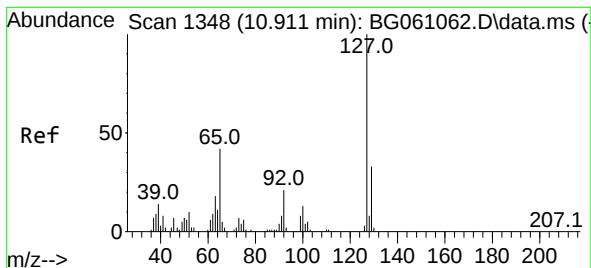
Ion Ratio Lower Upper

122 100

105 129.9 123.3 163.3

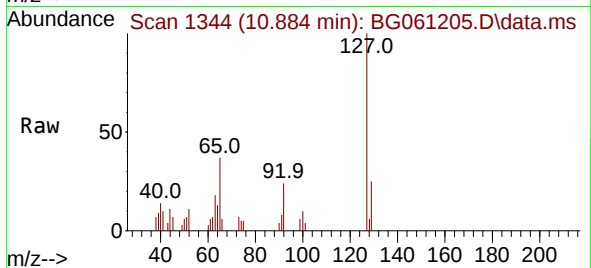
77 99.0 93.2 133.2





#33  
4-Chloroaniline  
Concen: 5.866 ng m  
RT: 10.884 min Scan# 1111  
Delta R.T. -0.027 min  
Lab File: BG061205.D  
Acq: 15 May 2024 14:18

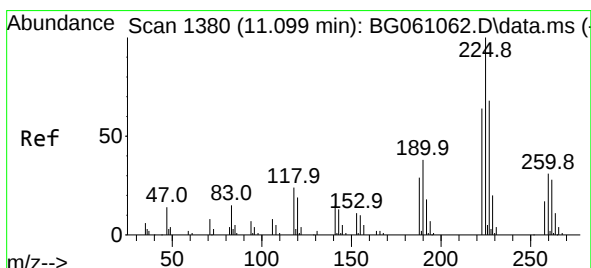
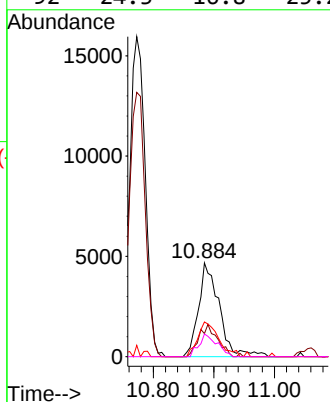
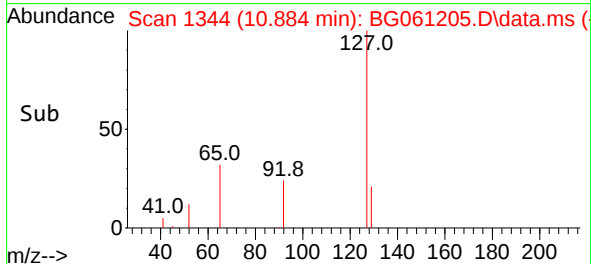
Instrument :  
BNA\_G  
ClientSampleId :  
WC-DDMS



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 24.6  | 26.6  | 39.8  |
| 65      | 37.1  | 33.6  | 50.4  |
| 92      | 24.3  | 16.8  | 25.2  |

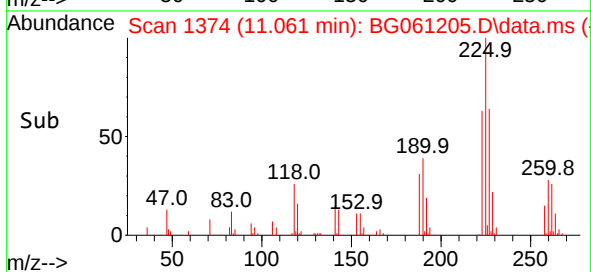
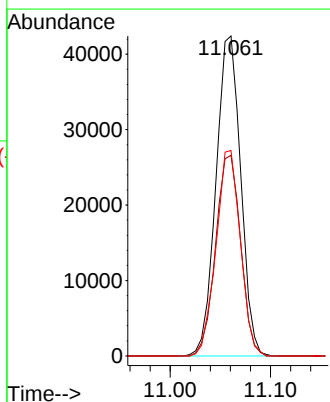
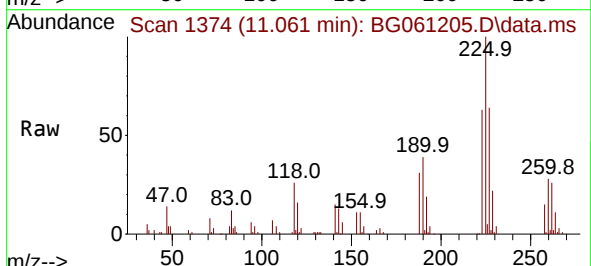
Manual Integrations  
APPROVED

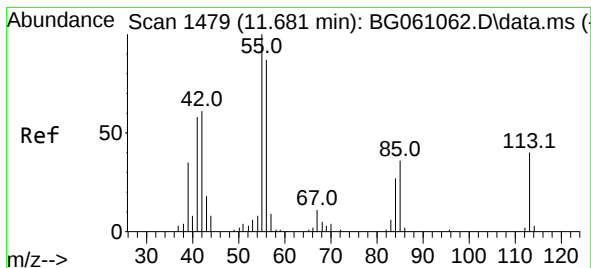
Reviewed By :Jagrut Upadhyay 05/16/2024  
Supervised By :mohammad ahmed 05/17/2024



#34  
Hexachlorobutadiene  
Concen: 45.416 ng  
RT: 11.061 min Scan# 1374  
Delta R.T. -0.038 min  
Lab File: BG061205.D  
Acq: 15 May 2024 14:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.7  | 51.0  | 76.4  |
| 227     | 64.2  | 54.6  | 82.0  |





#35

Caprolactam

Concen: 29.978 ng m

RT: 11.666 min Scan# 14

Delta R.T. -0.015 min

Lab File: BG061205.D

Acq: 15 May 2024 14:18

Instrument :

BNA\_G

ClientSampleId :

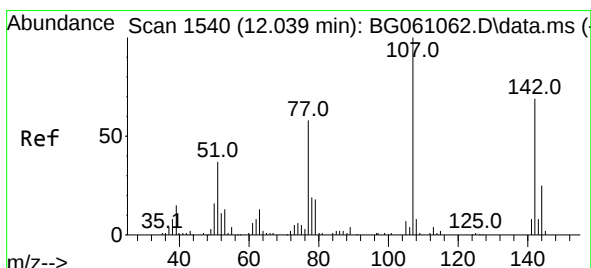
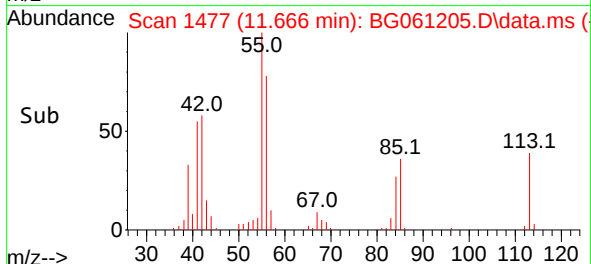
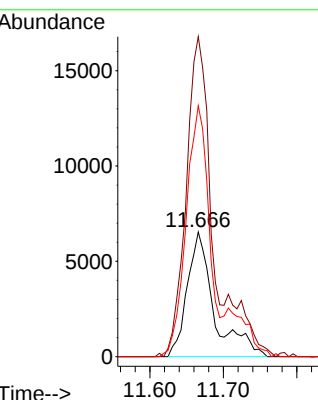
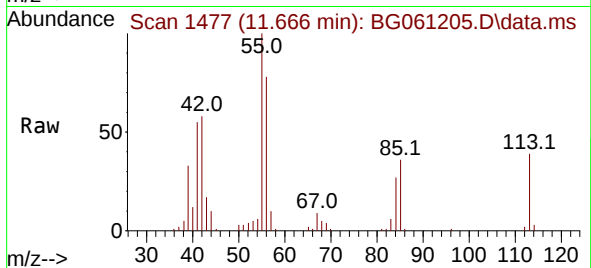
WC-DDMS

Tgt Ion:113 Resp: 1666  
 Ion Ratio Lower Upper  
 113 100  
 55 256.8 227.6 267.6  
 56 201.3 195.1 235.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/16/2024  
 Supervised By :mohammad ahmed 05/17/2024



#36

4-Chloro-3-methylphenol

Concen: 44.415 ng

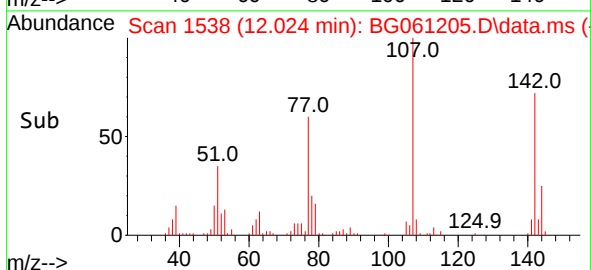
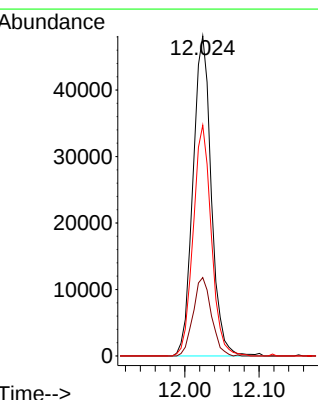
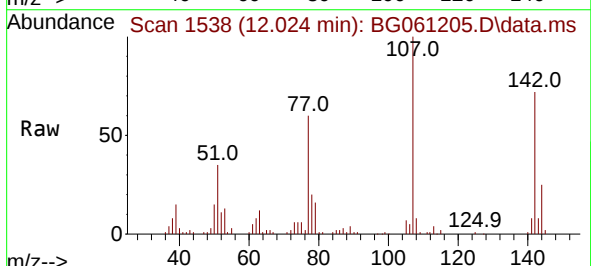
RT: 12.024 min Scan# 1538

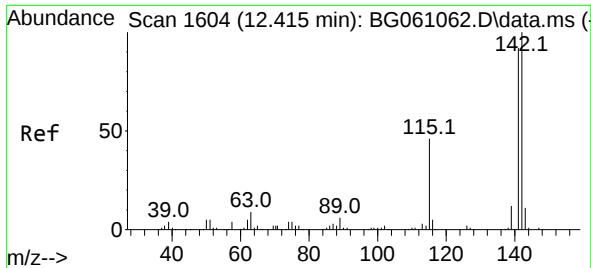
Delta R.T. -0.015 min

Lab File: BG061205.D

Acq: 15 May 2024 14:18

Tgt Ion:107 Resp: 82654  
 Ion Ratio Lower Upper  
 107 100  
 144 24.5 20.2 30.4  
 142 72.1 55.6 83.4





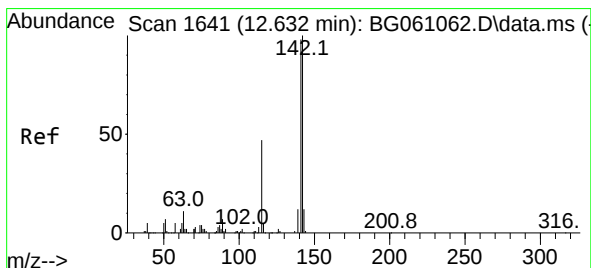
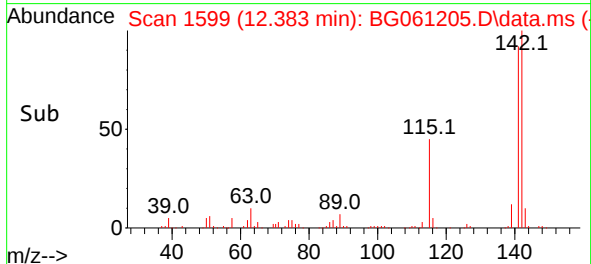
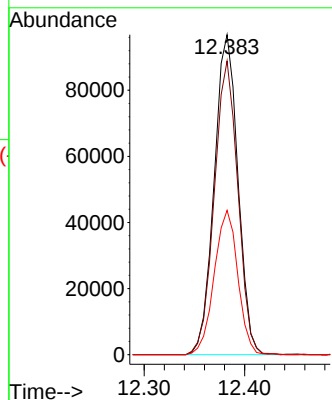
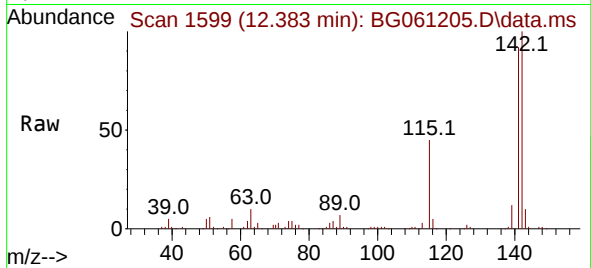
#37  
2-Methylnaphthalene  
Concen: 44.630 ng  
RT: 12.383 min Scan# 11  
Delta R.T. -0.032 min  
Lab File: BG061205.D  
Acq: 15 May 2024 14:18

Instrument :  
BNA\_G  
ClientSampleId :  
WC-DDMS

Tgt Ion:142 Resp: 15882  
Ion Ratio Lower Upper  
142 100  
141 91.8 73.8 110.8  
115 45.1 36.9 55.3

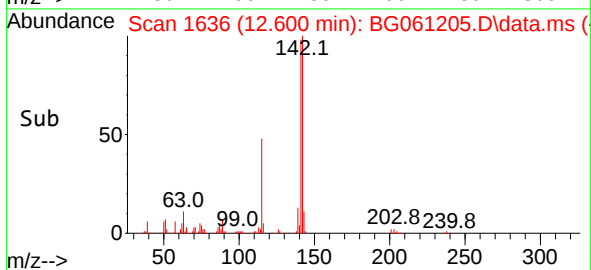
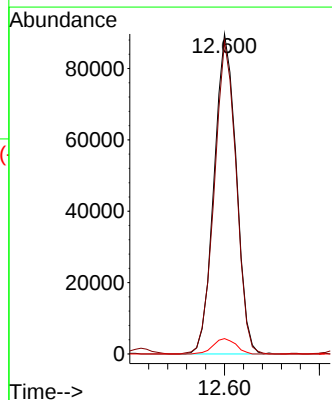
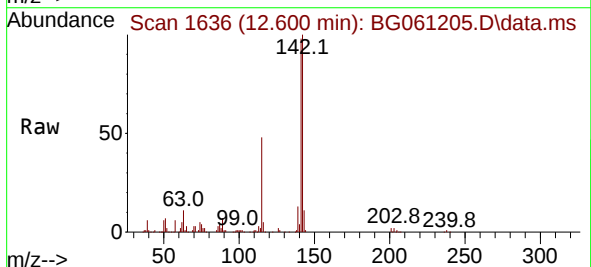
Manual Integrations  
APPROVED

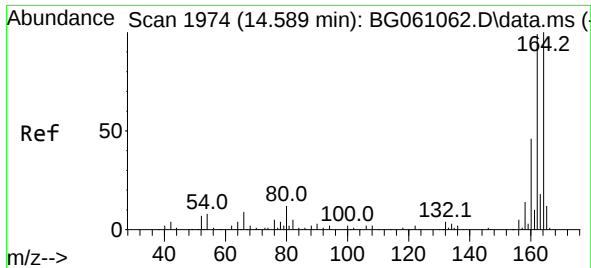
Reviewed By :Jagrut Upadhyay 05/16/2024  
Supervised By :mohammad ahmed 05/17/2024



#38  
1-Methylnaphthalene  
Concen: 40.599 ng  
RT: 12.600 min Scan# 1636  
Delta R.T. -0.032 min  
Lab File: BG061205.D  
Acq: 15 May 2024 14:18

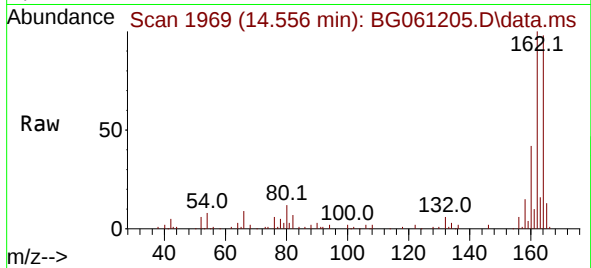
Tgt Ion:142 Resp: 145450  
Ion Ratio Lower Upper  
142 100  
141 97.7 78.4 117.6  
116 4.8 4.3 6.5





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.556 min Scan# 1974  
Delta R.T. -0.032 min  
Lab File: BG061205.D  
Acq: 15 May 2024 14:18

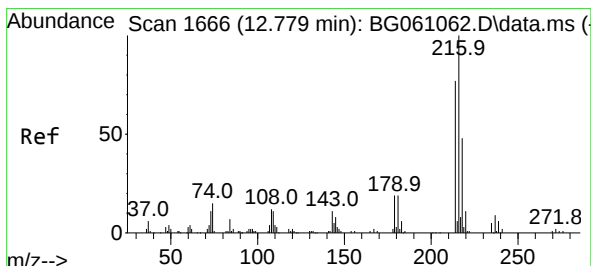
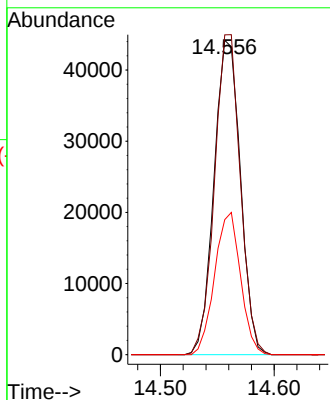
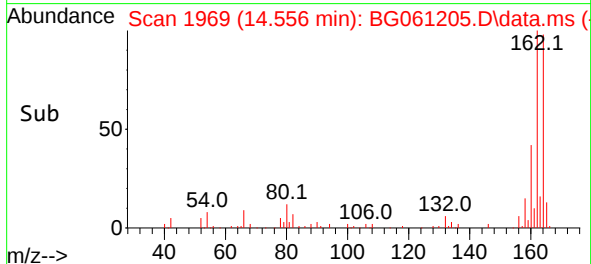
Instrument :  
BNA\_G  
ClientSampleId :  
WC-DDMS



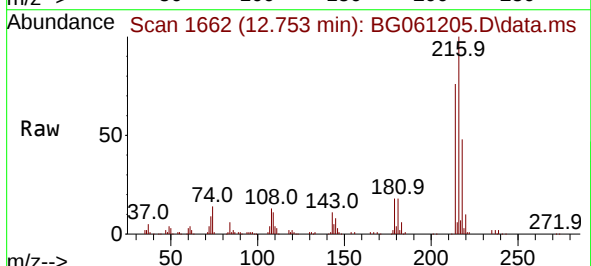
Tgt Ion:164 Resp: 71338  
Ion Ratio Lower Upper  
164 100  
162 101.7 79.4 119.2  
160 43.0 37.0 55.6

Manual Integrations  
APPROVED

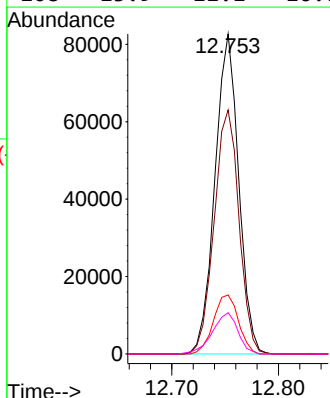
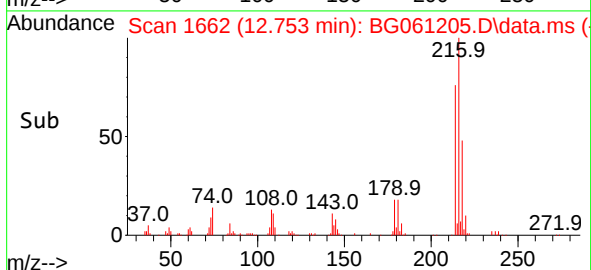
Reviewed By :Jagrut Upadhyay 05/16/2024  
Supervised By :mohammad ahmed 05/17/2024

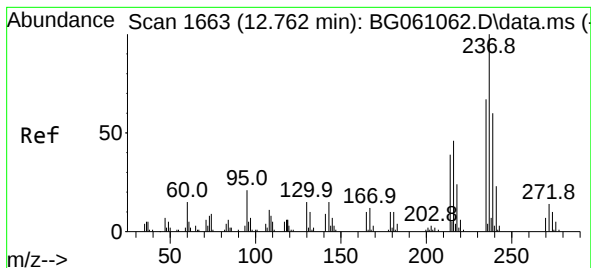


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 53.563 ng  
RT: 12.753 min Scan# 1662  
Delta R.T. -0.027 min  
Lab File: BG061205.D  
Acq: 15 May 2024 14:18



Tgt Ion:216 Resp: 127520  
Ion Ratio Lower Upper  
216 100  
214 79.7 64.2 96.2  
179 19.5 15.4 23.2  
108 13.9 11.1 16.7





#41

Hexachlorocyclopentadiene

Concen: 60.605 ng

RT: 12.729 min Scan# 1658

Delta R.T. -0.032 min

Lab File: BG061205.D

Acq: 15 May 2024 14:18

Instrument :

BNA\_G

ClientSampleId :

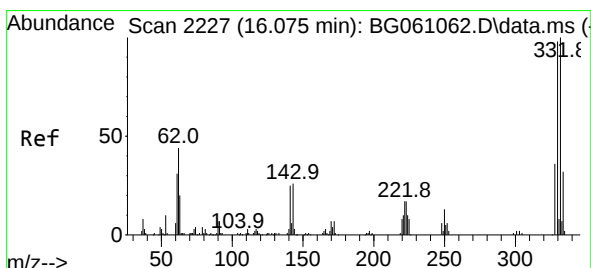
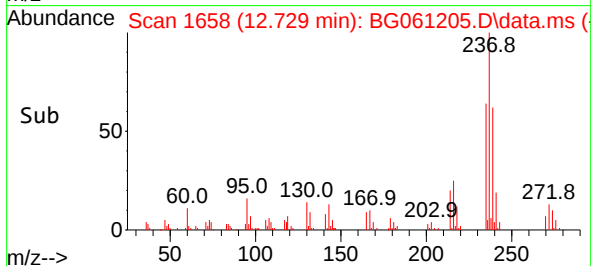
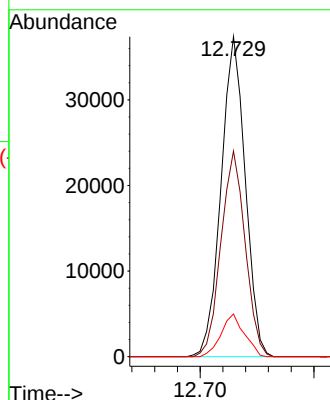
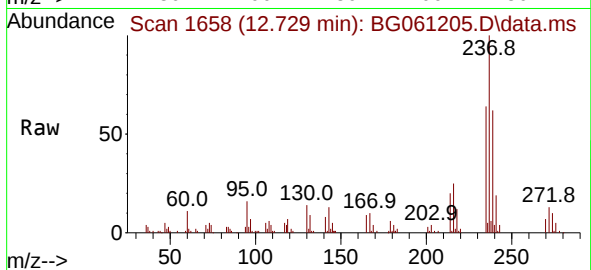
WC-DDMS

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 237   | Resp: | 5523 |
| Ion Ratio | Lower | Upper |      |
| 237       | 100   |       |      |
| 235       | 64.3  | 46.5  | 86.5 |
| 272       | 13.4  | 0.0   | 33.9 |

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/16/2024  
Supervised By :mohammad ahmed 05/17/2024



#42

2,4,6-Tribromophenol

Concen: 131.223 ng

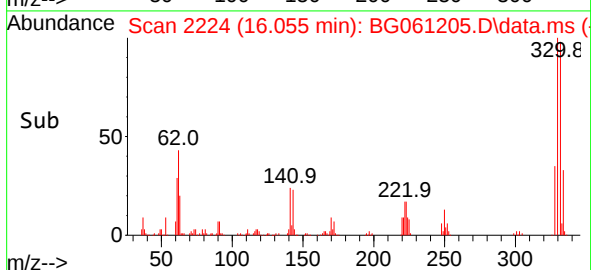
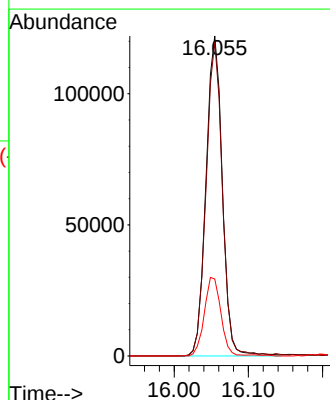
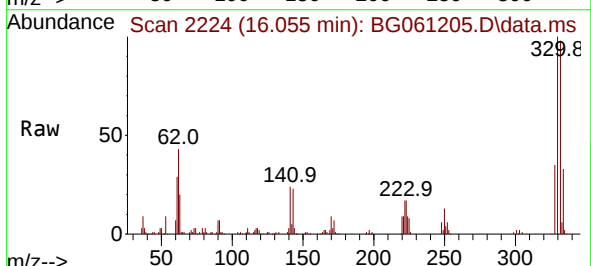
RT: 16.055 min Scan# 2224

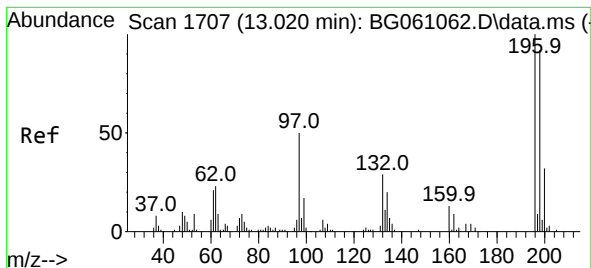
Delta R.T. -0.021 min

Lab File: BG061205.D

Acq: 15 May 2024 14:18

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 187113 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 97.3  | 78.6  | 117.8  |
| 141       | 24.9  | 20.5  | 30.7   |





#43

2,4,6-Trichlorophenol

Concen: 50.280 ng

RT: 12.994 min Scan# 1

Delta R.T. -0.027 min

Lab File: BG061205.D

Acq: 15 May 2024 14:18

Instrument :

BNA\_G

ClientSampleId :

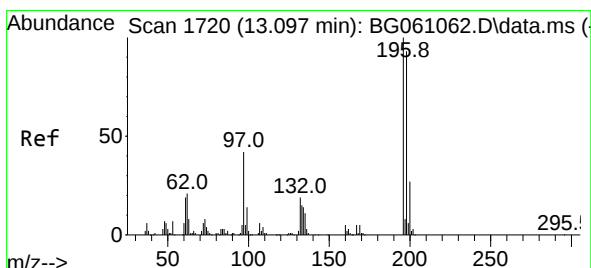
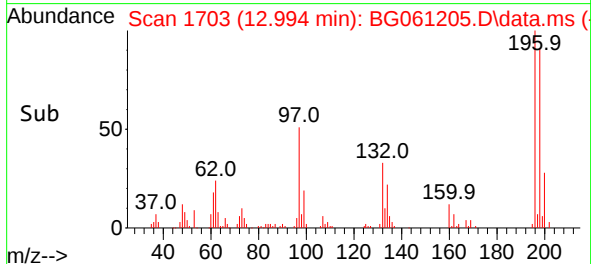
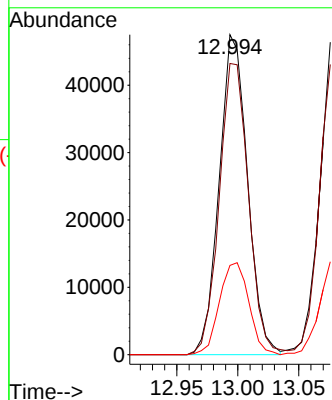
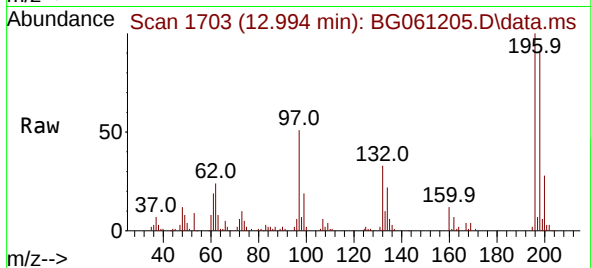
WC-DDMS

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:196 | Resp: | 7685       |
| Ion Ratio   | Lower | Upper      |
| 196         | 100   |            |
| 198         | 91.0  | 73.8 110.6 |
| 200         | 27.9  | 25.5 38.3  |

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/16/2024  
Supervised By :mohammad ahmed 05/17/2024



#44

2,4,5-Trichlorophenol

Concen: 47.412 ng

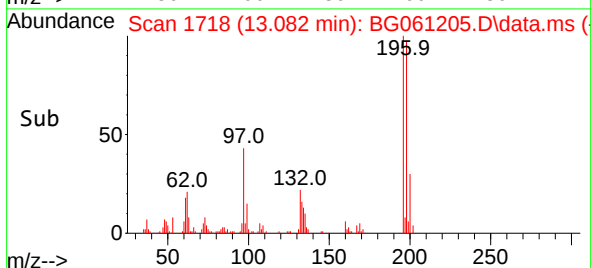
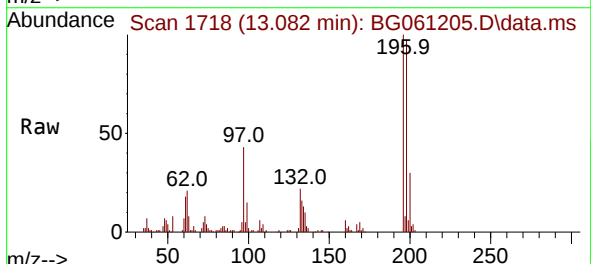
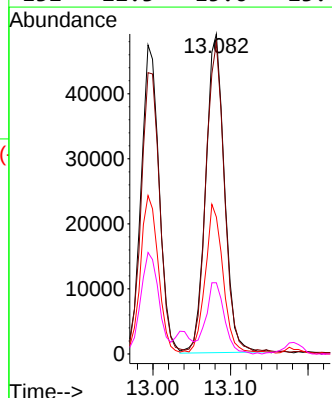
RT: 13.082 min Scan# 1718

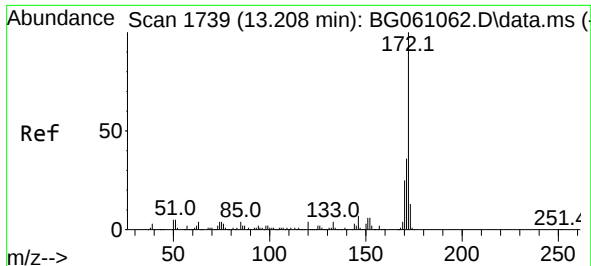
Delta R.T. -0.015 min

Lab File: BG061205.D

Acq: 15 May 2024 14:18

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:196 | Resp: | 82017      |
| Ion Ratio   | Lower | Upper      |
| 196         | 100   |            |
| 198         | 97.3  | 74.3 111.5 |
| 97          | 42.8  | 33.6 50.4  |
| 132         | 22.3  | 15.6 23.4  |





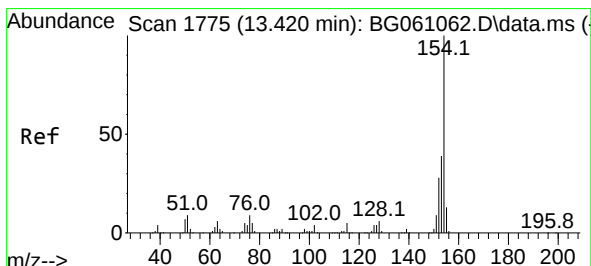
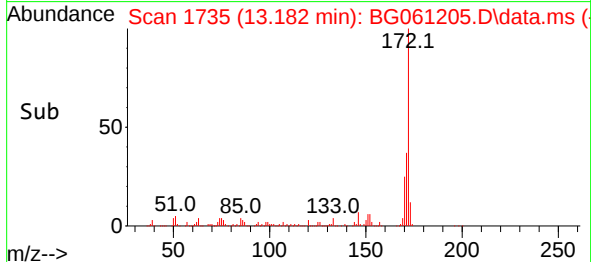
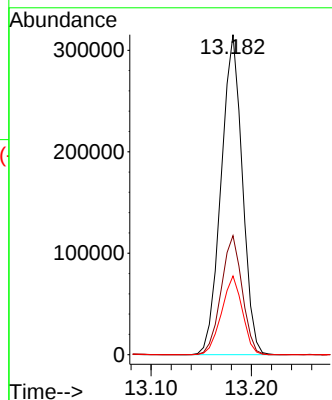
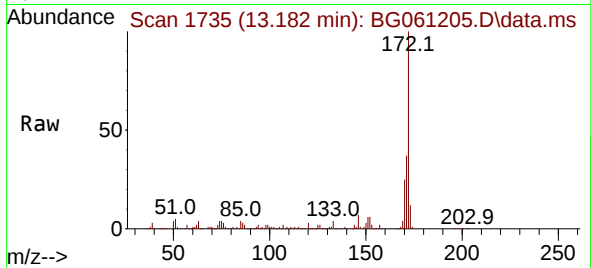
#45  
2-Fluorobiphenyl  
Concen: 95.802 ng  
RT: 13.182 min Scan# 1735  
Delta R.T. -0.027 min  
Lab File: BG061205.D  
Acq: 15 May 2024 14:18

Instrument :  
BNA\_G  
ClientSampleId :  
WC-DDMS

Tgt Ion:172 Resp: 462180  
Ion Ratio Lower Upper  
172 100  
171 37.2 29.0 43.6  
170 24.6 20.2 30.4

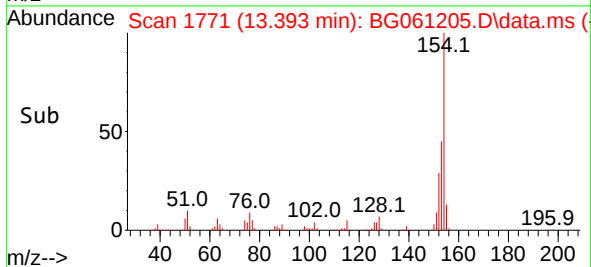
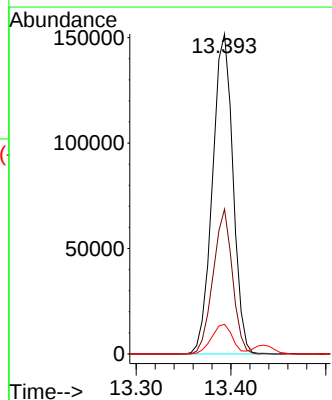
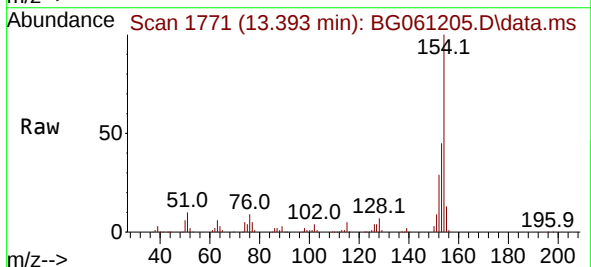
Manual Integrations  
APPROVED

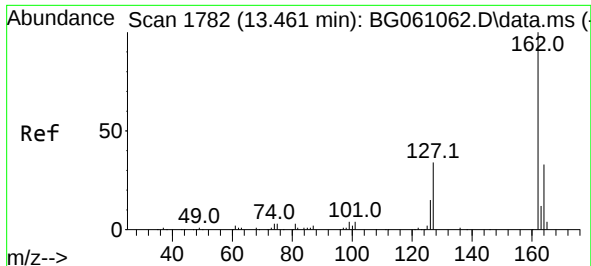
Reviewed By :Jagrut Upadhyay 05/16/2024  
Supervised By :mohammad ahmed 05/17/2024



#46  
1,1'-Biphenyl  
Concen: 49.739 ng  
RT: 13.393 min Scan# 1771  
Delta R.T. -0.027 min  
Lab File: BG061205.D  
Acq: 15 May 2024 14:18

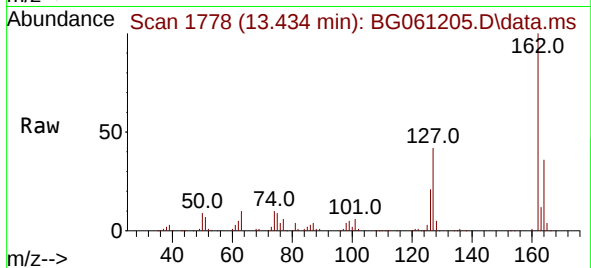
Tgt Ion:154 Resp: 227510  
Ion Ratio Lower Upper  
154 100  
153 45.2 19.3 59.3  
76 9.3 0.0 28.8





#47  
2-Chloronaphthalene  
Concen: 48.607 ng  
RT: 13.434 min Scan# 17803  
Delta R.T. -0.027 min  
Lab File: BG061205.D  
Acq: 15 May 2024 14:18

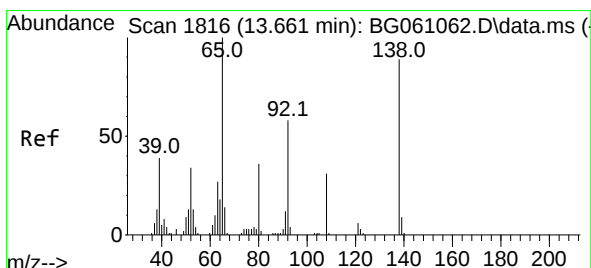
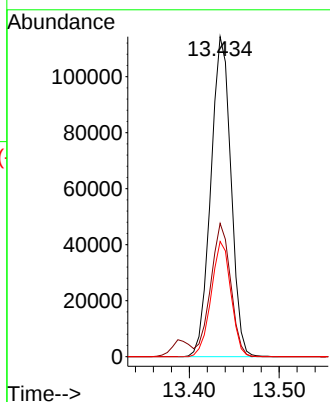
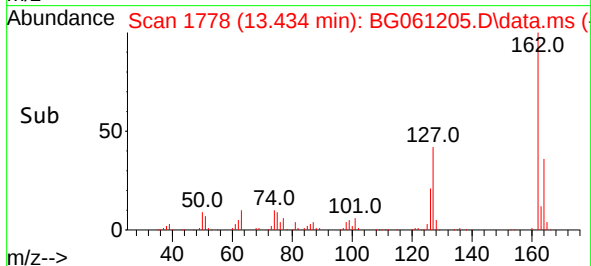
Instrument :  
BNA\_G  
ClientSampleId :  
WC-DDMS



Tgt Ion:162 Resp: 17803  
Ion Ratio Lower Upper  
162 100  
127 41.6 30.7 46.1  
164 36.0 26.8 40.2

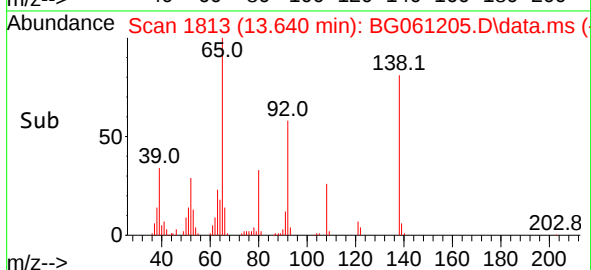
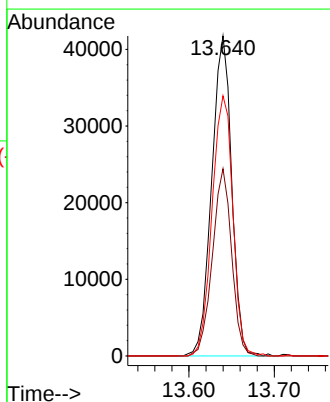
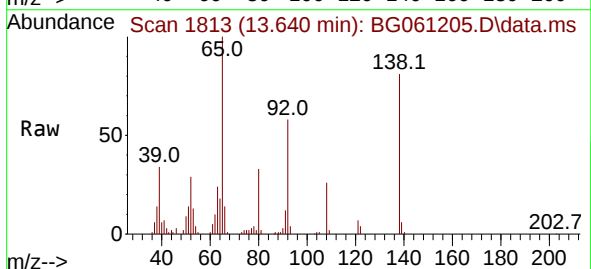
Manual Integrations  
APPROVED

Reviewed By :Jagrut Upadhyay 05/16/2024  
Supervised By :mohammad ahmed 05/17/2024



#48  
2-Nitroaniline  
Concen: 50.034 ng  
RT: 13.640 min Scan# 1813  
Delta R.T. -0.021 min  
Lab File: BG061205.D  
Acq: 15 May 2024 14:18

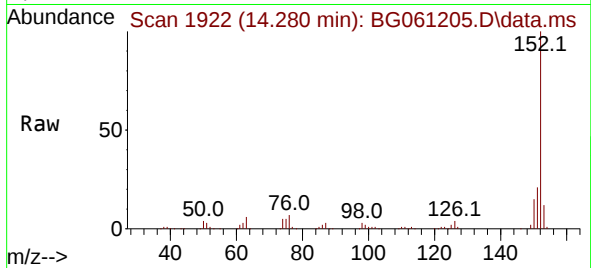
Tgt Ion: 65 Resp: 68004  
Ion Ratio Lower Upper  
65 100  
92 58.5 46.7 70.1  
138 81.3 71.4 107.2





#49  
Acenaphthylene  
Concen: 52.705 ng  
RT: 14.280 min Scan# 1926  
Delta R.T. -0.027 min  
Lab File: BG061205.D  
Acq: 15 May 2024 14:18

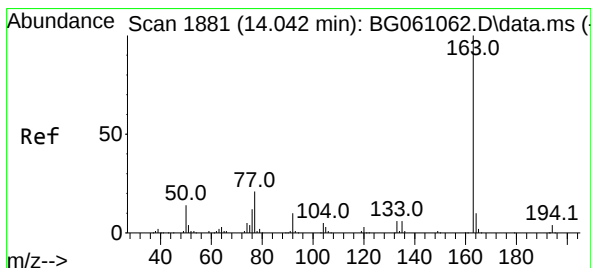
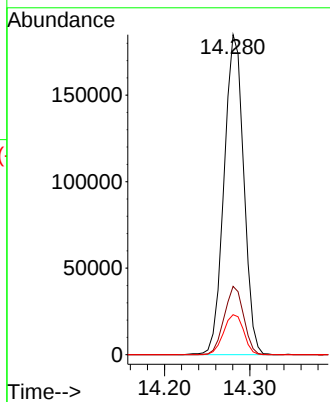
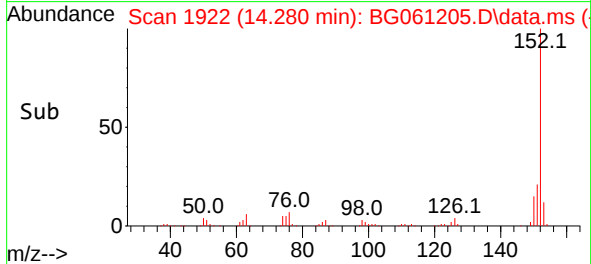
Instrument :  
BNA\_G  
ClientSampleId :  
WC-DDMS



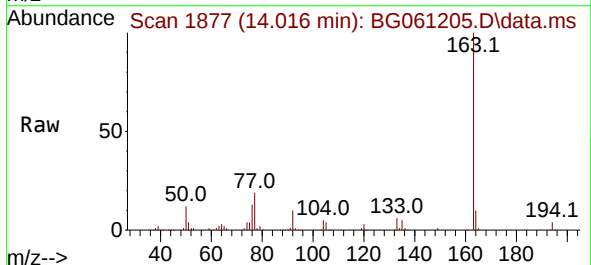
Tgt Ion:152 Resp: 296490  
Ion Ratio Lower Upper  
152 100  
151 21.4 16.9 25.3  
153 12.5 10.6 15.8

Manual Integrations  
APPROVED

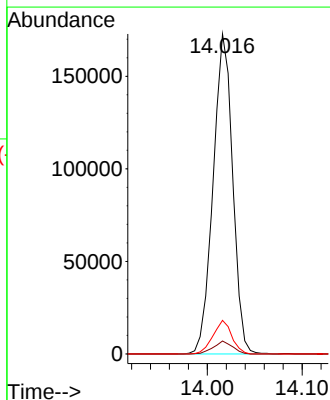
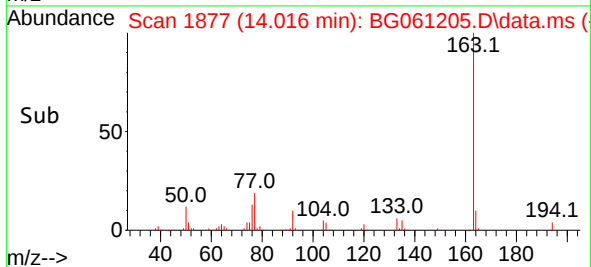
Reviewed By :Jagrut Upadhyay 05/16/2024  
Supervised By :mohammad ahmed 05/17/2024

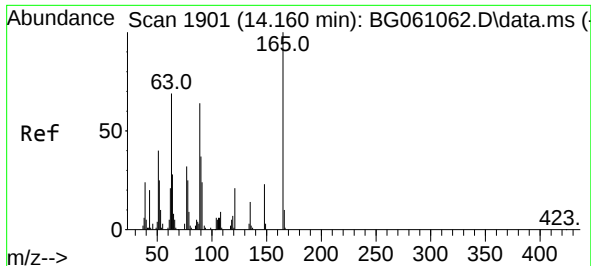


#50  
Dimethylphthalate  
Concen: 44.947 ng  
RT: 14.016 min Scan# 1877  
Delta R.T. -0.027 min  
Lab File: BG061205.D  
Acq: 15 May 2024 14:18



Tgt Ion:163 Resp: 247664  
Ion Ratio Lower Upper  
163 100  
194 4.1 3.2 4.8  
164 10.5 7.8 11.8





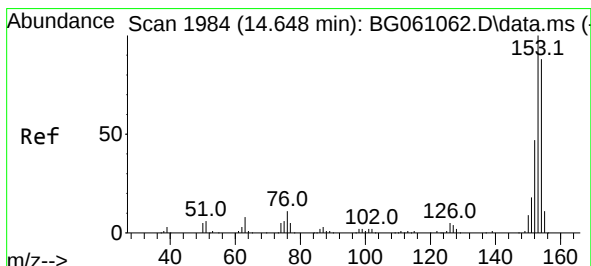
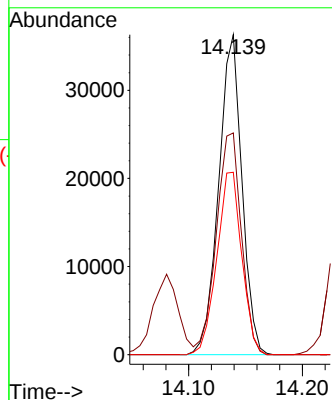
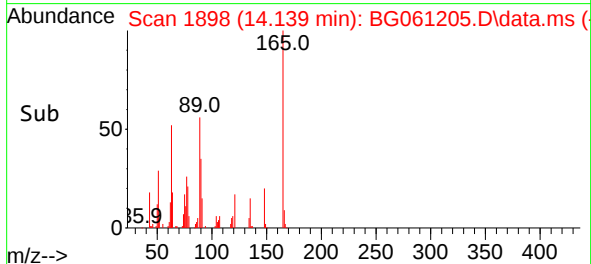
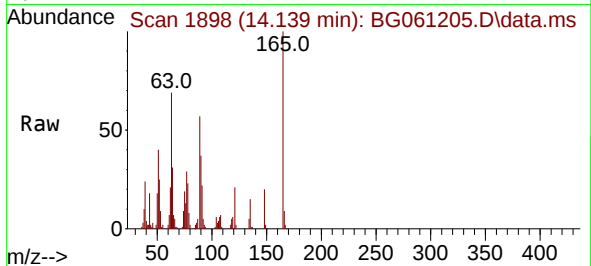
#51  
2,6-Dinitrotoluene  
Concen: 43.837 ng  
RT: 14.139 min Scan# 1898  
Delta R.T. -0.021 min  
Lab File: BG061205.D  
Acq: 15 May 2024 14:18

Instrument :  
BNA\_G  
ClientSampleId :  
WC-DDMS

Tgt Ion:165 Resp: 5166  
Ion Ratio Lower Upper  
165 100  
63 69.3 60.0 90.0  
89 57.0 50.9 76.3

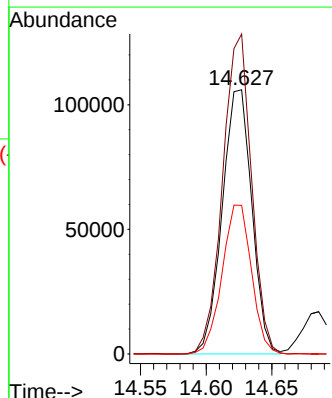
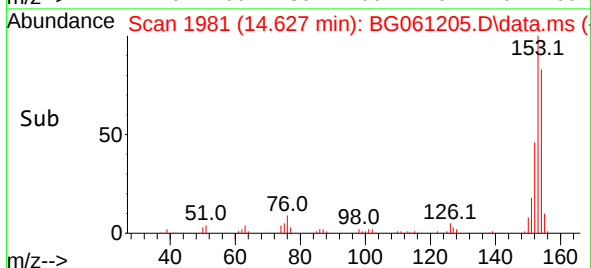
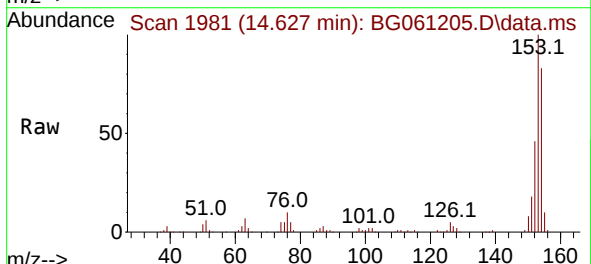
Manual Integrations  
APPROVED

Reviewed By :Jagrut Upadhyay 05/16/2024  
Supervised By :mohammad ahmed 05/17/2024



#52  
Acenaphthene  
Concen: 47.483 ng  
RT: 14.627 min Scan# 1981  
Delta R.T. -0.021 min  
Lab File: BG061205.D  
Acq: 15 May 2024 14:18

Tgt Ion:154 Resp: 166634  
Ion Ratio Lower Upper  
154 100  
153 121.1 91.0 136.4  
152 56.2 43.1 64.7





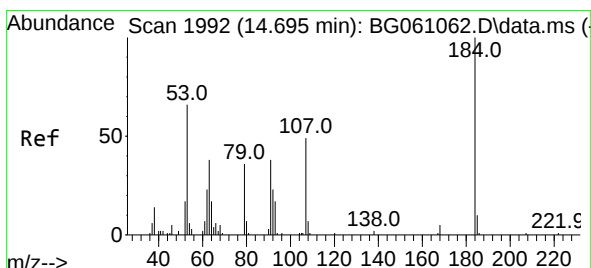
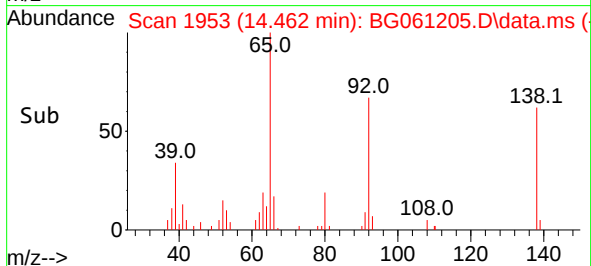
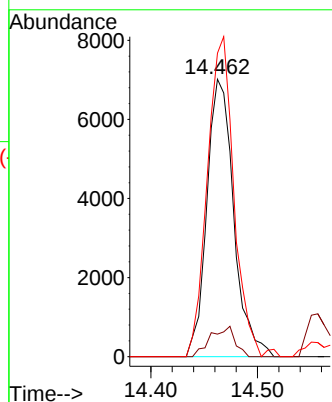
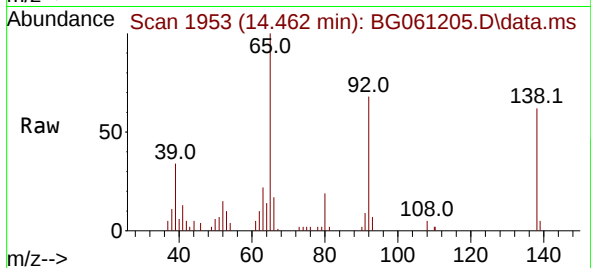
#53  
3-Nitroaniline  
Concen: 11.405 ng  
RT: 14.462 min Scan# 1953  
Delta R.T. -0.027 min  
Lab File: BG061205.D  
Acq: 15 May 2024 14:18

Instrument :  
BNA\_G  
ClientSampleId :  
WC-DDMS

Tgt Ion:138 Resp: 12299  
Ion Ratio Lower Upper  
138 100  
108 8.1 8.2 12.2  
92 109.4 98.0 147.0

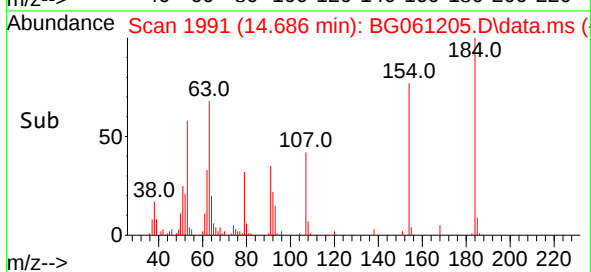
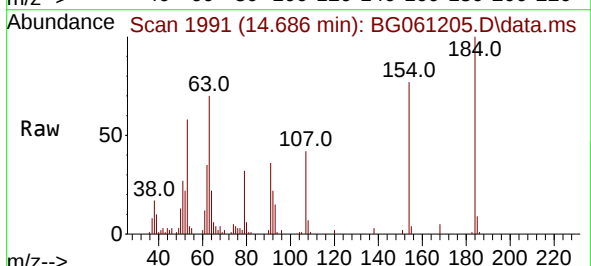
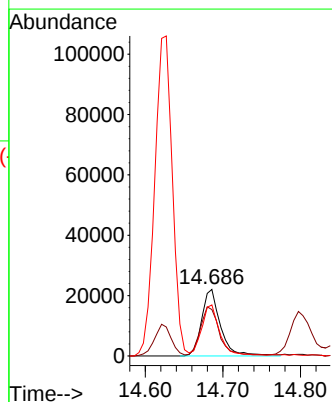
Manual Integrations  
APPROVED

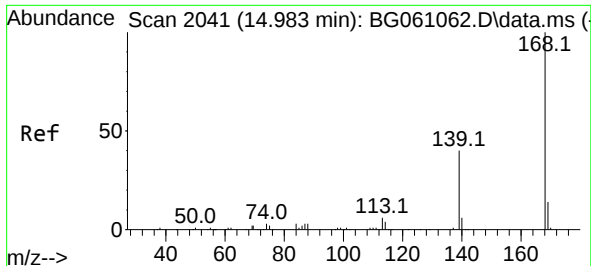
Reviewed By :Jagrut Upadhyay 05/16/2024  
Supervised By :mohammad ahmed 05/17/2024



#54  
2,4-Dinitrophenol  
Concen: 45.520 ng  
RT: 14.686 min Scan# 1991  
Delta R.T. -0.009 min  
Lab File: BG061205.D  
Acq: 15 May 2024 14:18

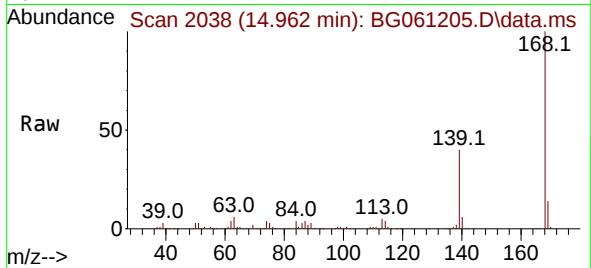
Tgt Ion:184 Resp: 37213  
Ion Ratio Lower Upper  
184 100  
63 69.7 62.6 93.8  
154 76.8 61.4 92.0





#55  
Dibenzenofuran  
Concen: 48.281 ng  
RT: 14.962 min Scan# 2041  
Delta R.T. -0.021 min  
Lab File: BG061205.D  
Acq: 15 May 2024 14:18

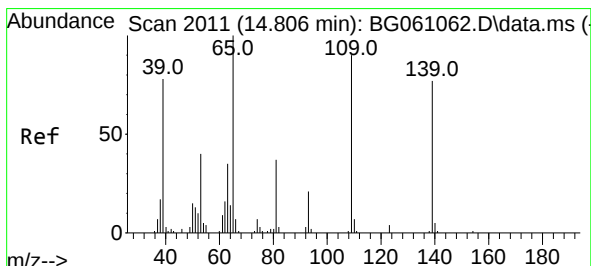
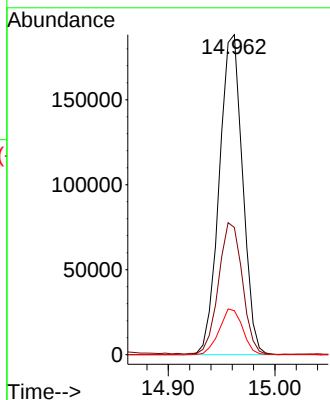
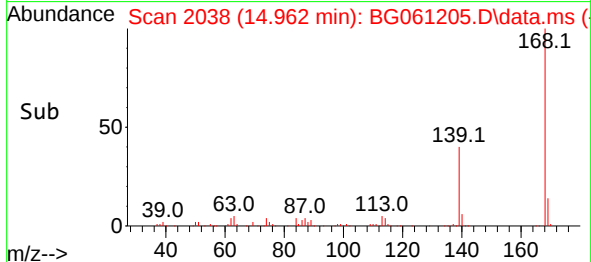
Instrument :  
BNA\_G  
ClientSampleId :  
WC-DDMS



Tgt Ion:168 Resp: 28618  
Ion Ratio Lower Upper  
168 100  
139 39.8 32.2 48.4  
169 13.7 11.4 17.2

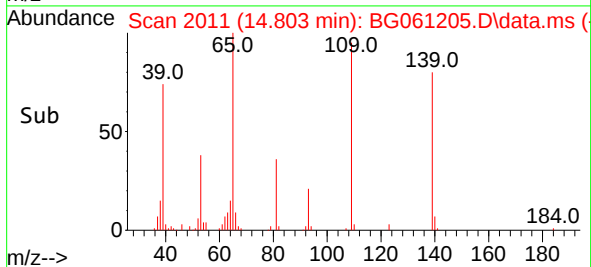
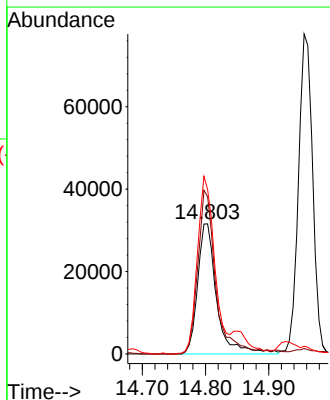
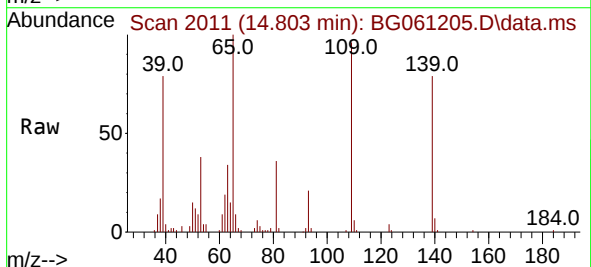
Manual Integrations  
APPROVED

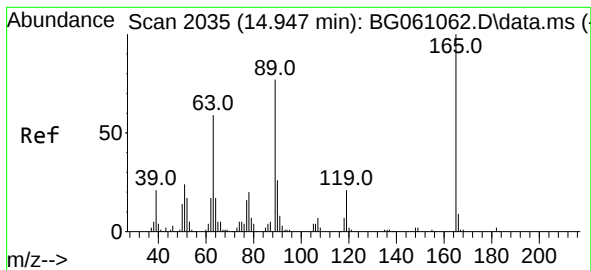
Reviewed By :Jagrut Upadhyay 05/16/2024  
Supervised By :mohammad ahmed 05/17/2024



#56  
4-Nitrophenol  
Concen: 75.612 ng  
RT: 14.803 min Scan# 2011  
Delta R.T. -0.003 min  
Lab File: BG061205.D  
Acq: 15 May 2024 14:18

Tgt Ion:139 Resp: 65897  
Ion Ratio Lower Upper  
139 100  
109 120.7 97.7 137.7  
65 126.2 110.7 150.7





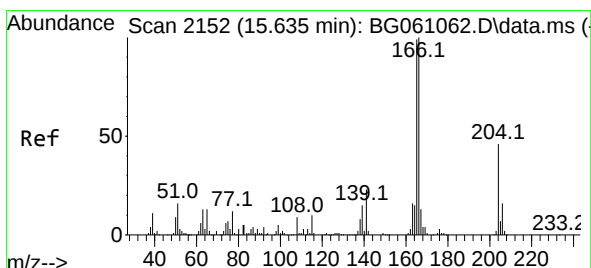
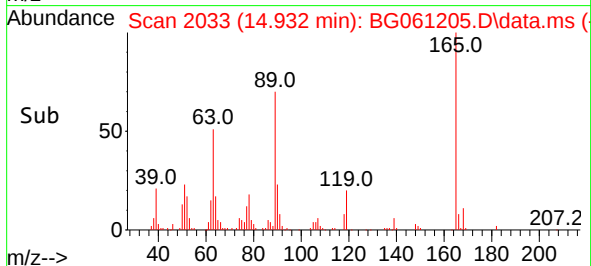
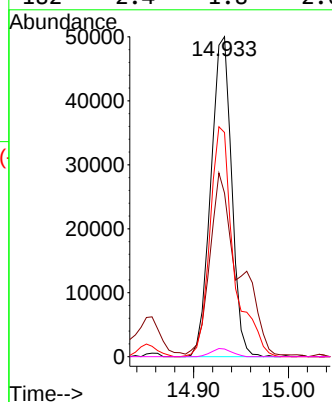
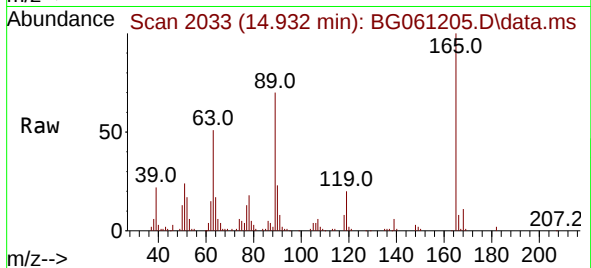
#57  
2,4-Dinitrotoluene  
Concen: 43.739 ng  
RT: 14.932 min Scan# 2035  
Delta R.T. -0.015 min  
Lab File: BG061205.D  
Acq: 15 May 2024 14:18

Instrument :  
BNA\_G  
ClientSampleId :  
WC-DDMS

Tgt Ion:165 Resp: 7626  
Ion Ratio Lower Upper  
165 100  
63 51.1 47.3 70.9  
89 70.1 61.8 92.8  
182 2.4 1.8 2.6

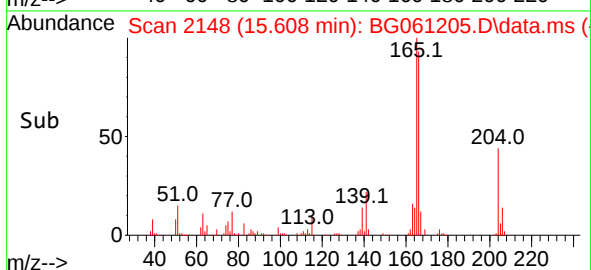
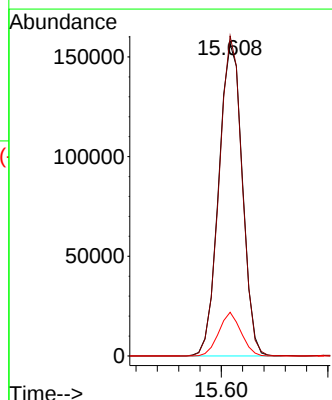
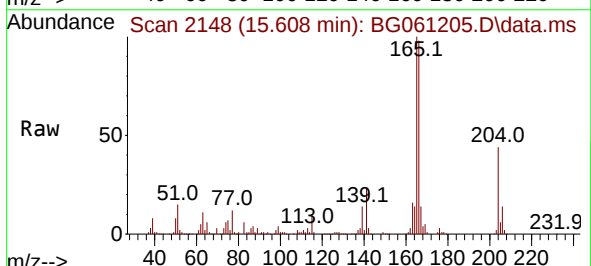
Manual Integrations  
APPROVED

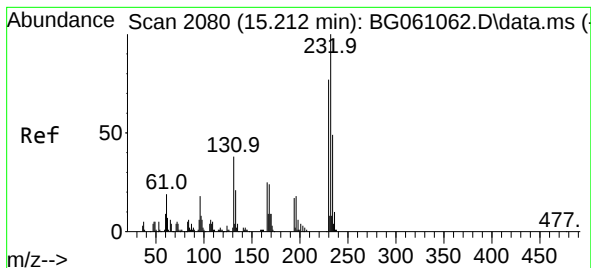
Reviewed By :Jagrut Upadhyay 05/16/2024  
Supervised By :mohammad ahmed 05/17/2024



#58  
Fluorene  
Concen: 46.868 ng  
RT: 15.608 min Scan# 2148  
Delta R.T. -0.027 min  
Lab File: BG061205.D  
Acq: 15 May 2024 14:18

Tgt Ion:166 Resp: 240397  
Ion Ratio Lower Upper  
166 100  
165 102.5 78.9 118.3  
167 14.0 10.6 15.8





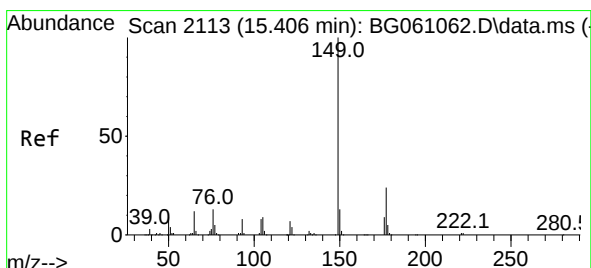
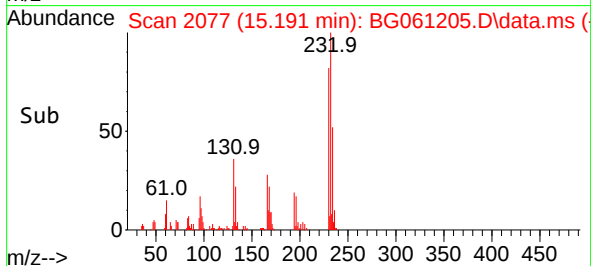
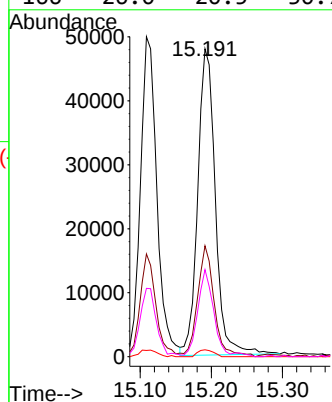
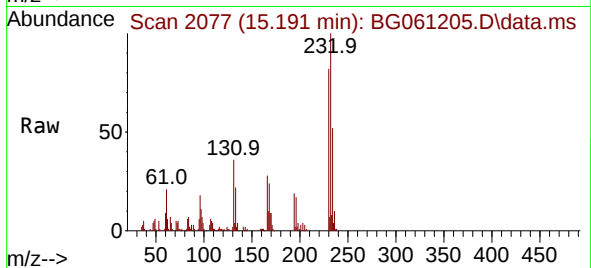
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 46.478 ng  
RT: 15.191 min Scan# 2080  
Delta R.T. -0.021 min  
Lab File: BG061205.D  
Acq: 15 May 2024 14:18

Instrument :  
BNA\_G  
ClientSampleId :  
WC-DDMS

Tgt Ion:232 Resp: 8276  
Ion Ratio Lower Upper  
232 100  
131 33.9 27.0 40.4  
130 2.0 1.7 2.5  
166 26.0 20.5 30.7

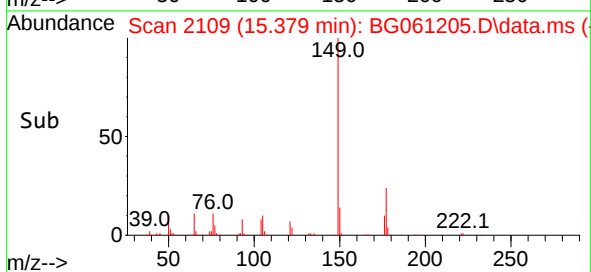
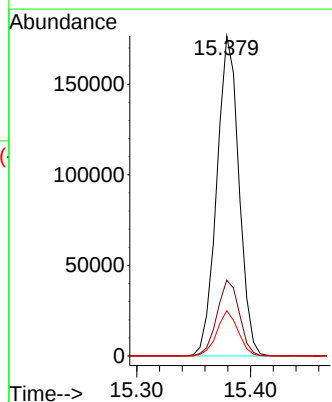
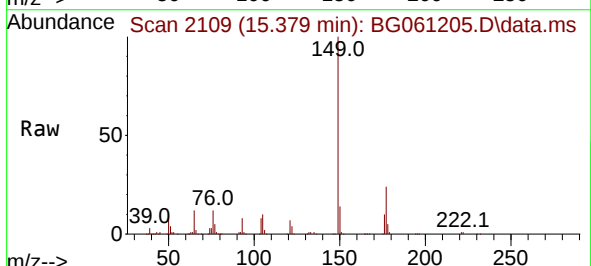
Manual Integrations  
APPROVED

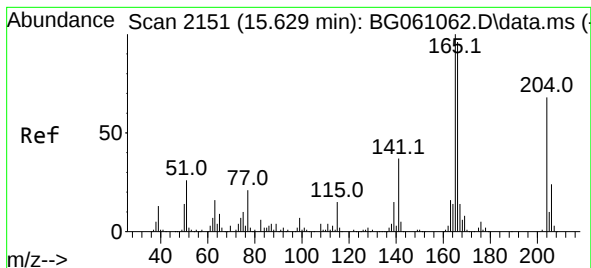
Reviewed By :Jagrut Upadhyay 05/16/2024  
Supervised By :mohammad ahmed 05/17/2024



#60  
Diethylphthalate  
Concen: 43.020 ng  
RT: 15.379 min Scan# 2109  
Delta R.T. -0.027 min  
Lab File: BG061205.D  
Acq: 15 May 2024 14:18

Tgt Ion:149 Resp: 239039  
Ion Ratio Lower Upper  
149 100  
177 23.7 19.1 28.7  
150 14.1 10.6 16.0





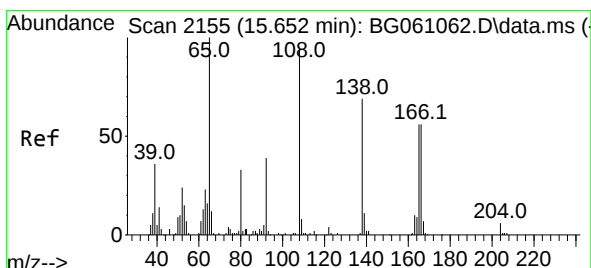
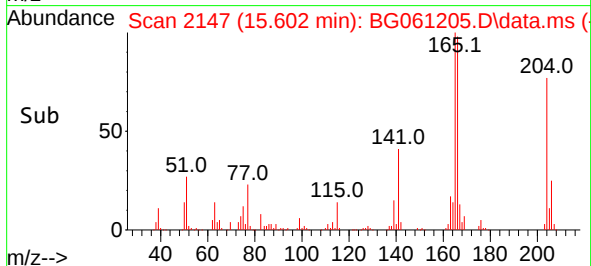
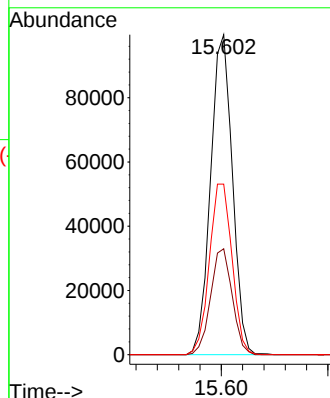
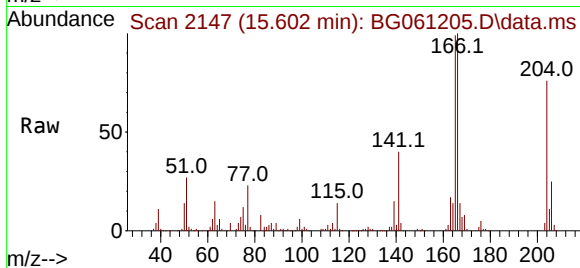
#61  
4-Chlorophenyl-phenylether  
Concen: 45.894 ng  
RT: 15.602 min Scan# 2147  
Delta R.T. -0.027 min  
Lab File: BG061205.D  
Acq: 15 May 2024 14:18

Instrument :  
BNA\_G  
ClientSampleId :  
WC-DDMS

Tgt Ion:204 Resp: 14134  
Ion Ratio Lower Upper  
204 100  
206 33.1 27.8 41.6  
141 53.3 42.9 64.3

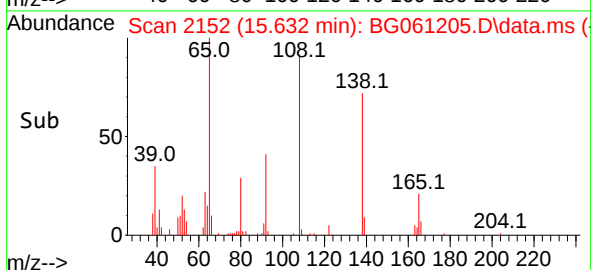
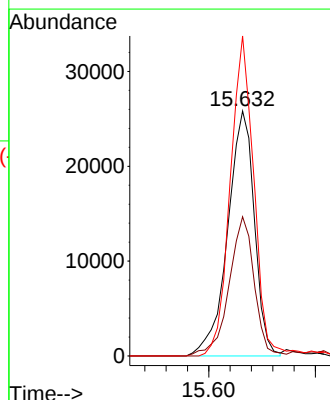
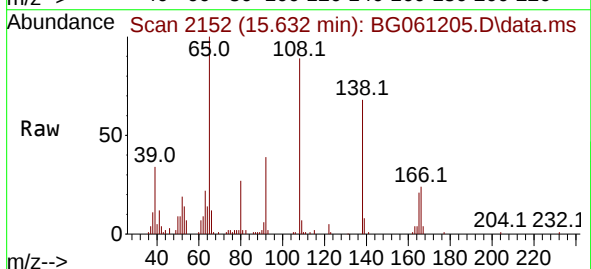
Manual Integrations  
APPROVED

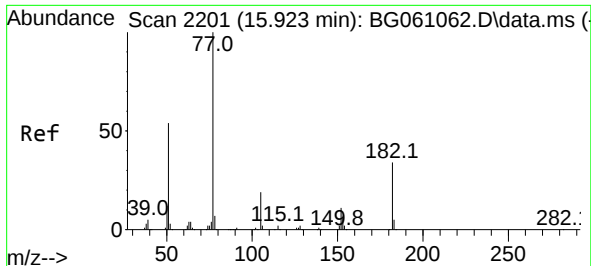
Reviewed By :Jagrut Upadhyay 05/16/2024  
Supervised By :mohammad ahmed 05/17/2024



#62  
4-Nitroaniline  
Concen: 38.398 ng  
RT: 15.632 min Scan# 2152  
Delta R.T. -0.021 min  
Lab File: BG061205.D  
Acq: 15 May 2024 14:18

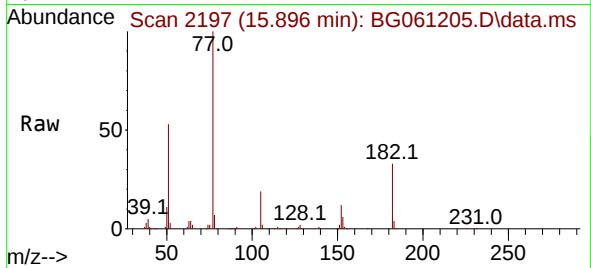
Tgt Ion:138 Resp: 44910  
Ion Ratio Lower Upper  
138 100  
92 56.8 35.5 75.5  
108 130.6 116.2 156.2





#63  
Azobenzene  
Concen: 47.699 ng  
RT: 15.896 min Scan# 2197  
Delta R.T. -0.027 min  
Lab File: BG061205.D  
Acq: 15 May 2024 14:18

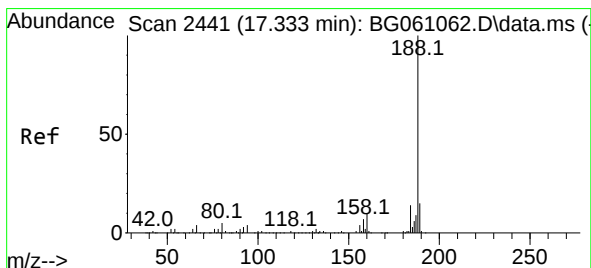
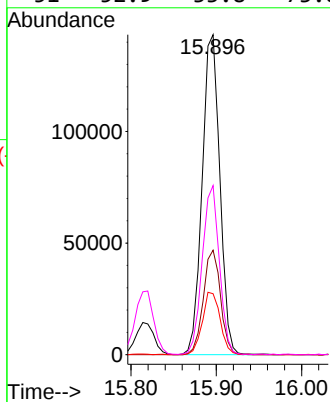
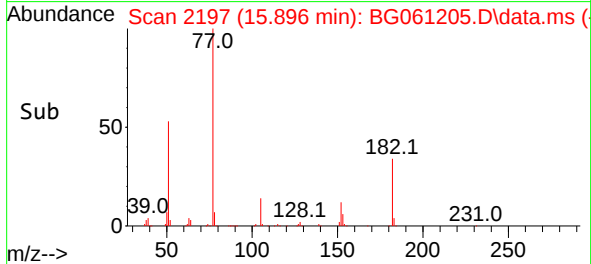
Instrument :  
BNA\_G  
ClientSampleId :  
WC-DDMS



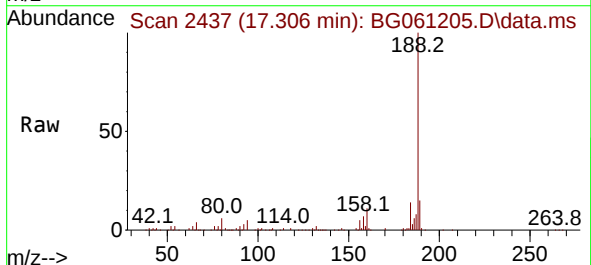
Tgt Ion: 77 Resp: 206319  
Ion Ratio Lower Upper  
77 100  
182 32.7 13.5 53.5  
105 19.1 0.0 39.3  
51 52.9 33.8 73.8

Manual Integrations  
APPROVED

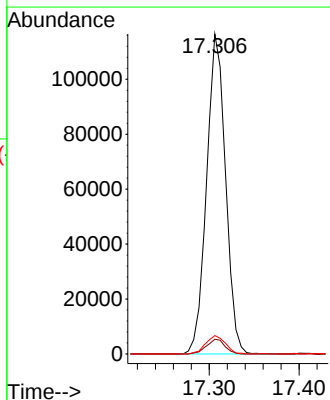
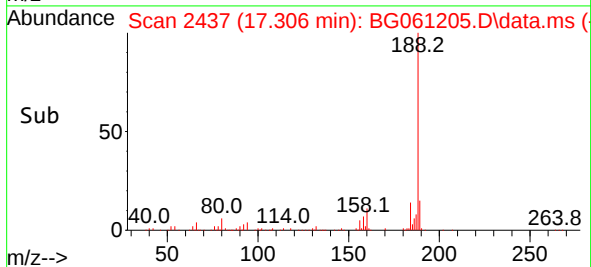
Reviewed By :Jagrut Upadhyay 05/16/2024  
Supervised By :mohammad ahmed 05/17/2024

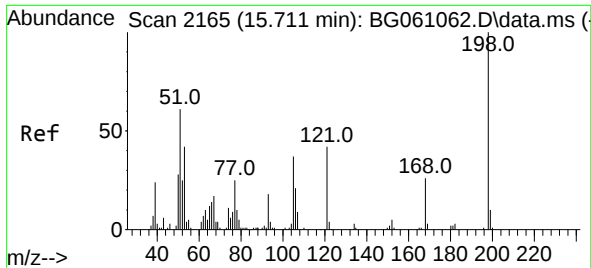


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.306 min Scan# 2437  
Delta R.T. -0.027 min  
Lab File: BG061205.D  
Acq: 15 May 2024 14:18



Tgt Ion:188 Resp: 170688  
Ion Ratio Lower Upper  
188 100  
94 4.6 3.6 5.4  
80 5.8 4.2 6.2





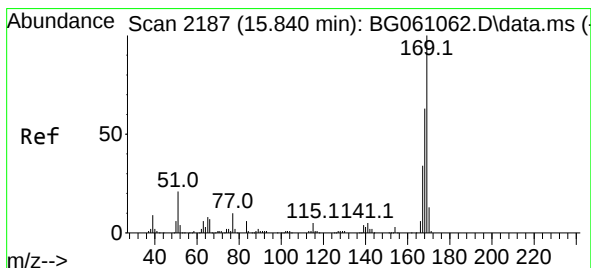
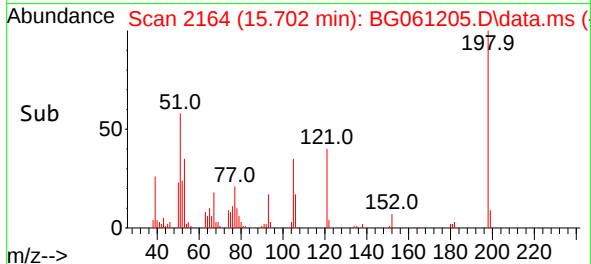
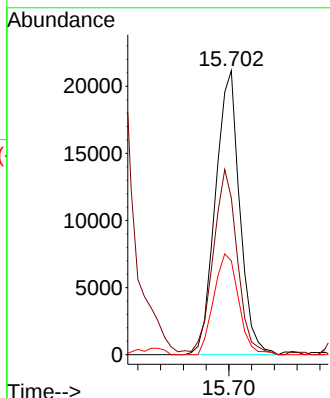
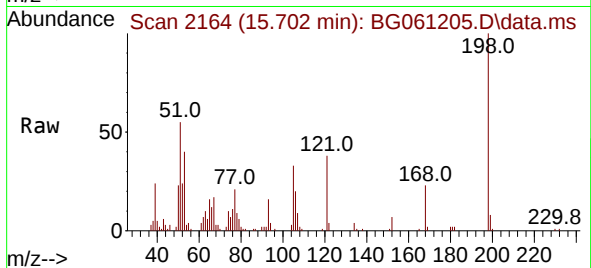
#65  
4,6-Dinitro-2-methylphenol  
Concen: 29.658 ng  
RT: 15.702 min Scan# 2164  
Delta R.T. -0.009 min  
Lab File: BG061205.D  
Acq: 15 May 2024 14:18

Instrument :  
BNA\_G  
ClientSampleId :  
WC-DDMS

Tgt Ion:198 Resp: 31409  
Ion Ratio Lower Upper  
198 100  
51 55.2 41.2 81.2  
105 33.0 16.7 56.7

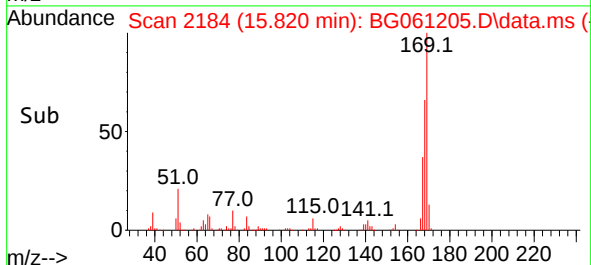
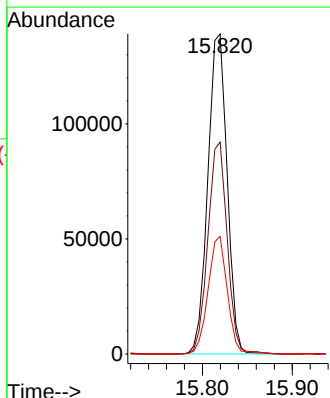
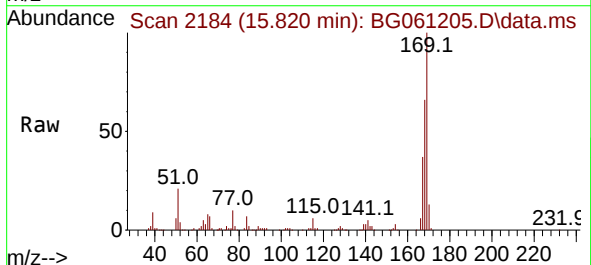
Manual Integrations  
APPROVED

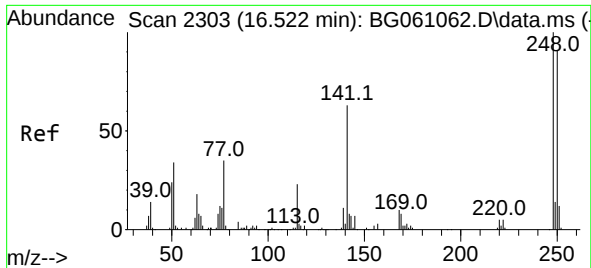
Reviewed By :Jagrut Upadhyay 05/16/2024  
Supervised By :mohammad ahmed 05/17/2024



#66  
n-Nitrosodiphenylamine  
Concen: 49.020 ng  
RT: 15.820 min Scan# 2184  
Delta R.T. -0.021 min  
Lab File: BG061205.D  
Acq: 15 May 2024 14:18

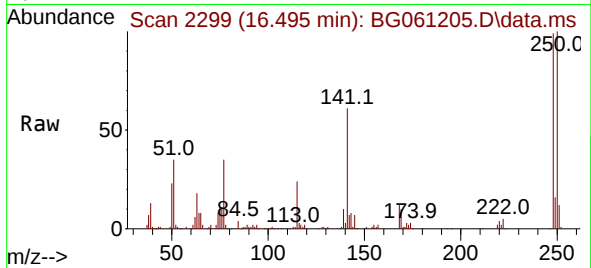
Tgt Ion:169 Resp: 207491  
Ion Ratio Lower Upper  
169 100  
168 66.2 50.6 75.8  
167 36.7 27.4 41.2





#67  
4-Bromophenyl-phenylether  
Concen: 50.836 ng  
RT: 16.495 min Scan# 21  
Delta R.T. -0.027 min  
Lab File: BG061205.D  
Acq: 15 May 2024 14:18

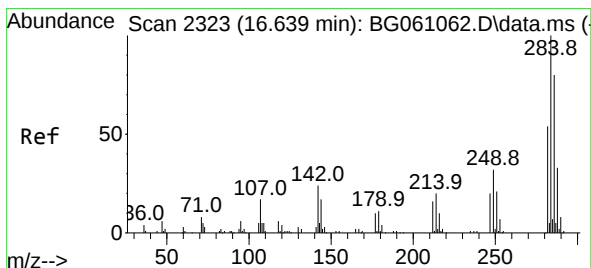
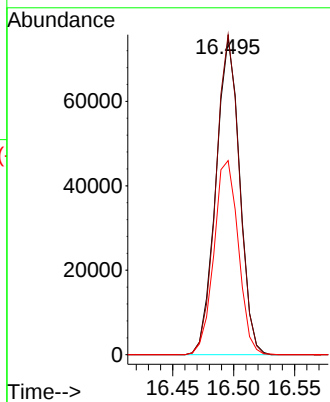
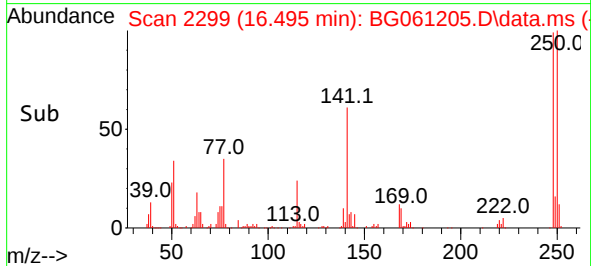
Instrument :  
BNA\_G  
ClientSampleId :  
WC-DDMS



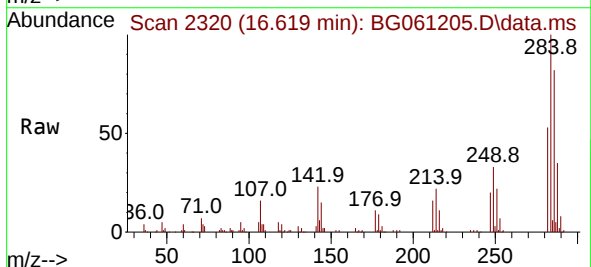
Tgt Ion:248 Resp: 102218  
Ion Ratio Lower Upper  
248 100  
250 101.1 73.0 109.4  
141 61.3 50.8 76.2

Manual Integrations  
APPROVED

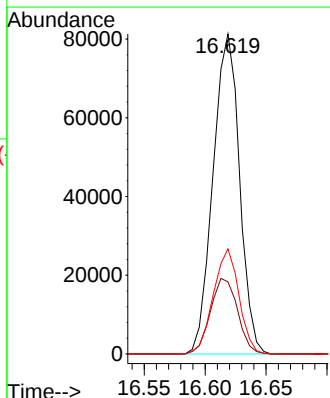
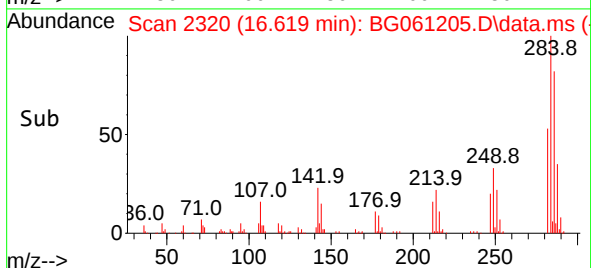
Reviewed By :Jagrut Upadhyay 05/16/2024  
Supervised By :mohammad ahmed 05/17/2024

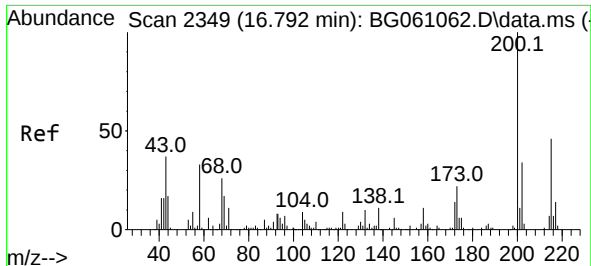


#68  
Hexachlorobenzene  
Concen: 49.073 ng  
RT: 16.619 min Scan# 2320  
Delta R.T. -0.021 min  
Lab File: BG061205.D  
Acq: 15 May 2024 14:18



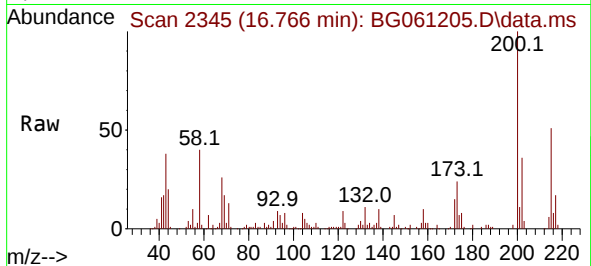
Tgt Ion:284 Resp: 122812  
Ion Ratio Lower Upper  
284 100  
142 22.6 19.2 28.8  
249 32.9 25.4 38.2





#69  
Atrazine  
Concen: 43.068 ng  
RT: 16.766 min Scan# 21  
Delta R.T. -0.027 min  
Lab File: BG061205.D  
Acq: 15 May 2024 14:18

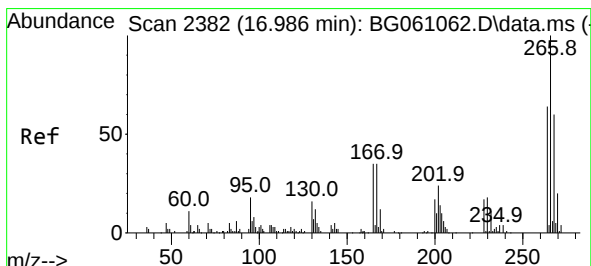
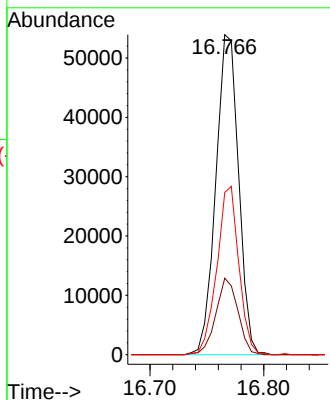
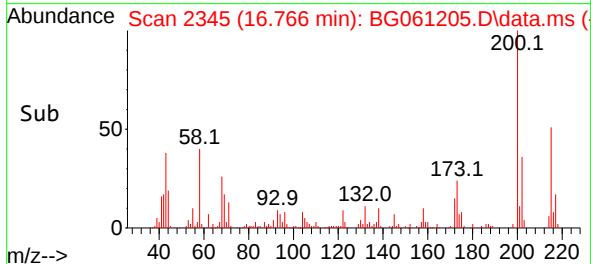
Instrument :  
BNA\_G  
ClientSampleId :  
WC-DDMS



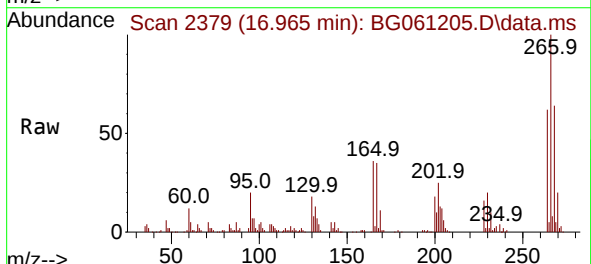
Tgt Ion:200 Resp: 75179  
Ion Ratio Lower Upper  
200 100  
173 23.9 2.0 42.0  
215 50.7 26.2 66.2

Manual Integrations  
APPROVED

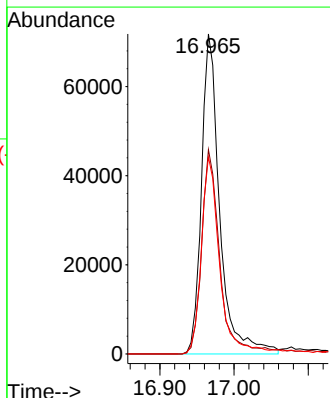
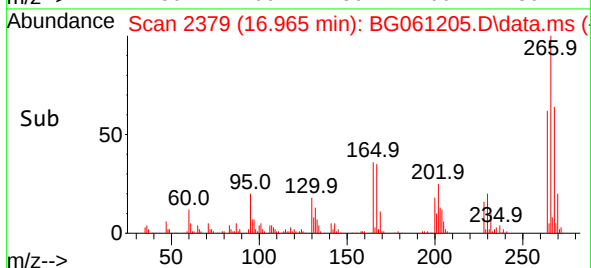
Reviewed By :Jagrut Upadhyay 05/16/2024  
Supervised By :mohammad ahmed 05/17/2024

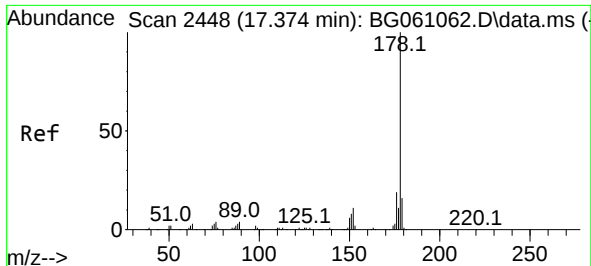


#70  
Pentachlorophenol  
Concen: 79.934 ng  
RT: 16.965 min Scan# 2379  
Delta R.T. -0.021 min  
Lab File: BG061205.D  
Acq: 15 May 2024 14:18



Tgt Ion:266 Resp: 122899  
Ion Ratio Lower Upper  
266 100  
268 63.9 47.8 71.8  
264 61.5 51.5 77.3





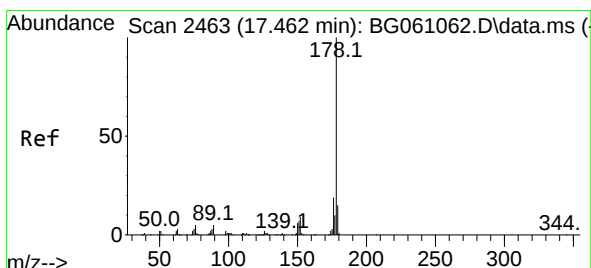
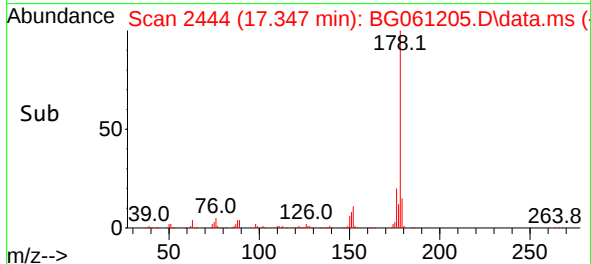
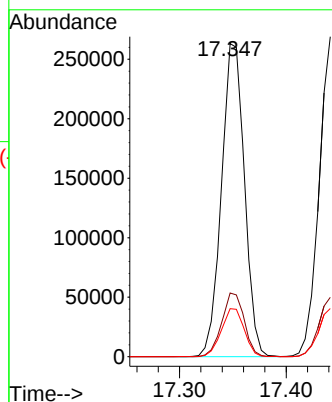
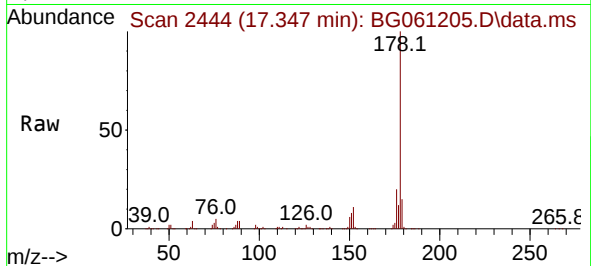
#71  
Phenanthrene  
Concen: 50.472 ng  
RT: 17.347 min Scan# 2444  
Delta R.T. -0.027 min  
Lab File: BG061205.D  
Acq: 15 May 2024 14:18

Instrument :  
BNA\_G  
ClientSampleId :  
WC-DDMS

Tgt Ion:178 Resp: 39391  
Ion Ratio Lower Upper  
178 100  
176 20.3 15.5 23.3  
179 15.3 12.6 19.0

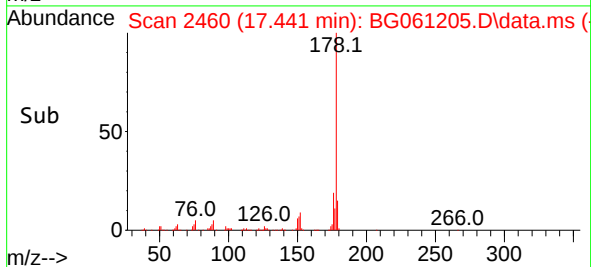
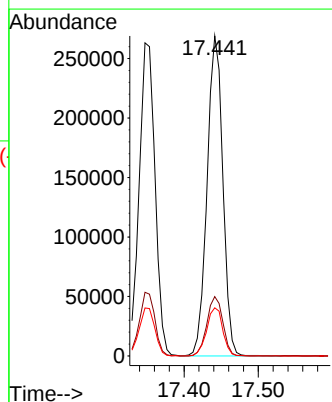
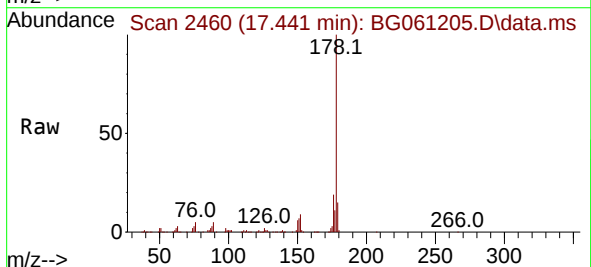
Manual Integrations  
APPROVED

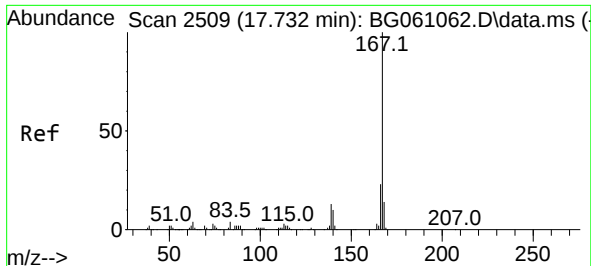
Reviewed By :Jagrut Upadhyay 05/16/2024  
Supervised By :mohammad ahmed 05/17/2024



#72  
Anthracene  
Concen: 50.978 ng  
RT: 17.441 min Scan# 2460  
Delta R.T. -0.021 min  
Lab File: BG061205.D  
Acq: 15 May 2024 14:18

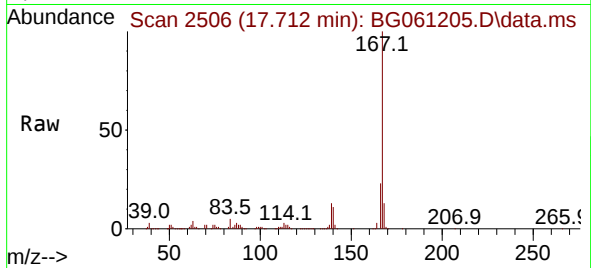
Tgt Ion:178 Resp: 396997  
Ion Ratio Lower Upper  
178 100  
176 18.6 15.0 22.6  
179 15.1 12.0 18.0





#73  
 Carbazole  
 Concen: 49.185 ng  
 RT: 17.712 min Scan# 2506  
 Delta R.T. -0.021 min  
 Lab File: BG061205.D  
 Acq: 15 May 2024 14:18

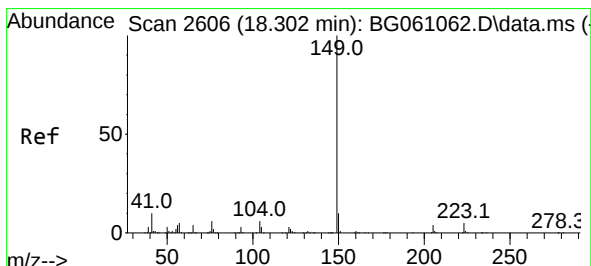
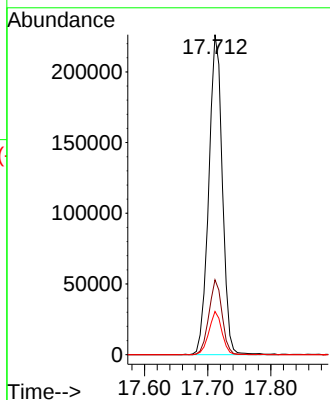
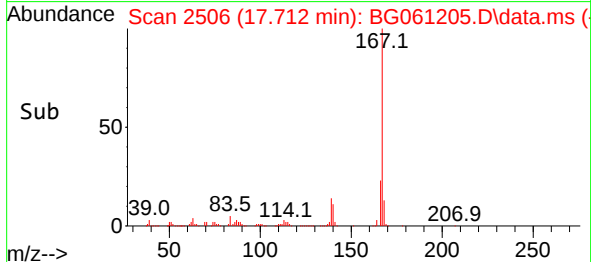
Instrument :  
 BNA\_G  
 ClientSampleId :  
 WC-DDMS



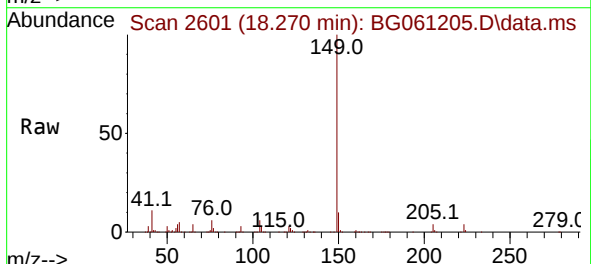
Tgt Ion:167 Resp: 336783  
 Ion Ratio Lower Upper  
 167 100  
 166 23.4 18.7 28.1  
 139 13.5 10.6 15.8

Manual Integrations  
 APPROVED

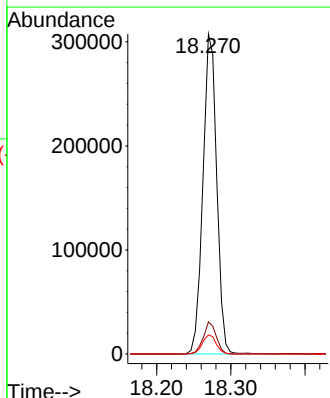
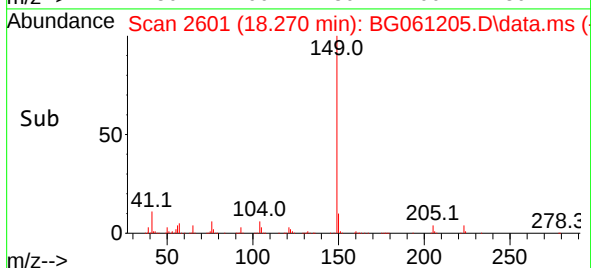
Reviewed By :Jagrut Upadhyay 05/16/2024  
 Supervised By :mohammad ahmed 05/17/2024

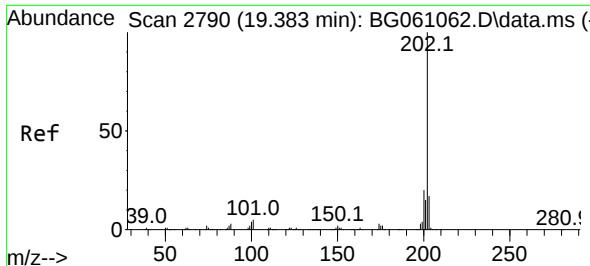


#74  
 Di-n-butylphthalate  
 Concen: 48.770 ng  
 RT: 18.270 min Scan# 2601  
 Delta R.T. -0.032 min  
 Lab File: BG061205.D  
 Acq: 15 May 2024 14:18



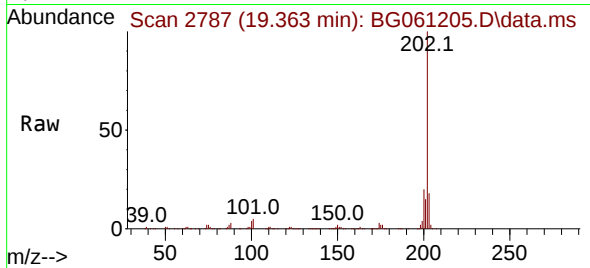
Tgt Ion:149 Resp: 397081  
 Ion Ratio Lower Upper  
 149 100  
 150 10.0 7.7 11.5  
 104 5.9 5.0 7.6





#75  
Fluoranthene  
Concen: 48.305 ng  
RT: 19.363 min Scan# 21  
Delta R.T. -0.021 min  
Lab File: BG061205.D  
Acq: 15 May 2024 14:18

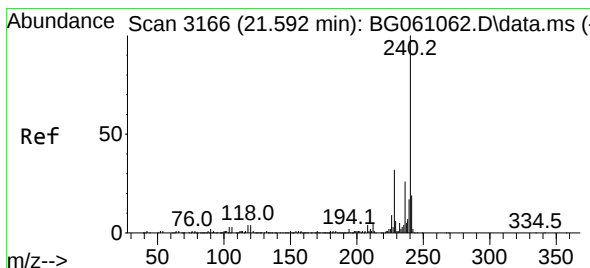
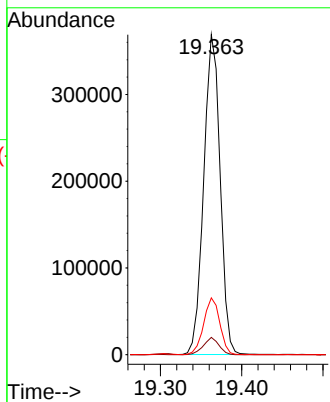
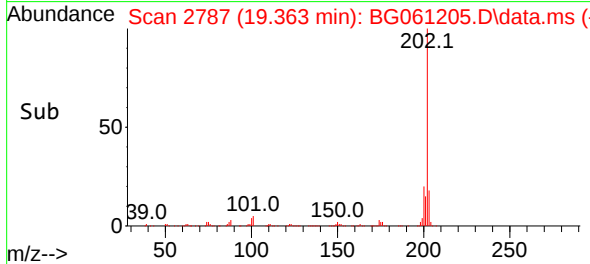
Instrument :  
BNA\_G  
ClientSampleId :  
WC-DDMS



Tgt Ion:202 Resp: 516480  
Ion Ratio Lower Upper  
202 100  
101 5.4 0.0 24.7  
203 17.7 0.0 37.1

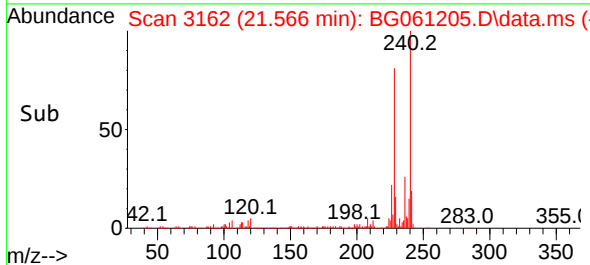
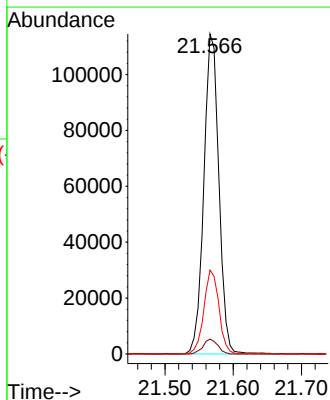
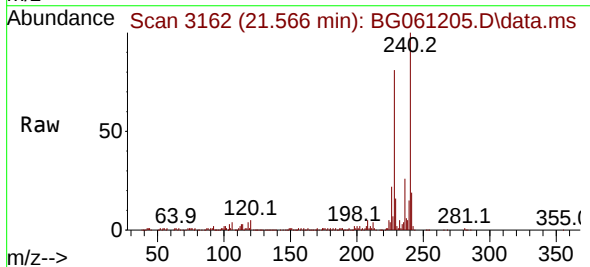
Manual Integrations  
APPROVED

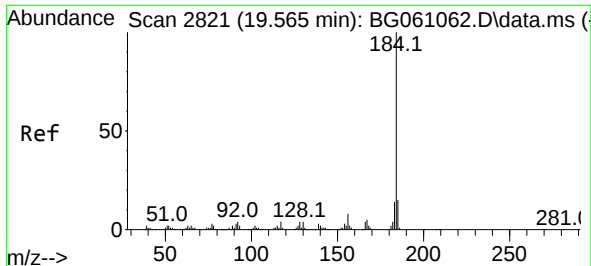
Reviewed By :Jagrut Upadhyay 05/16/2024  
Supervised By :mohammad ahmed 05/17/2024



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.566 min Scan# 3162  
Delta R.T. -0.027 min  
Lab File: BG061205.D  
Acq: 15 May 2024 14:18

Tgt Ion:240 Resp: 175501  
Ion Ratio Lower Upper  
240 100  
120 4.6 3.2 4.8  
236 26.2 21.0 31.6





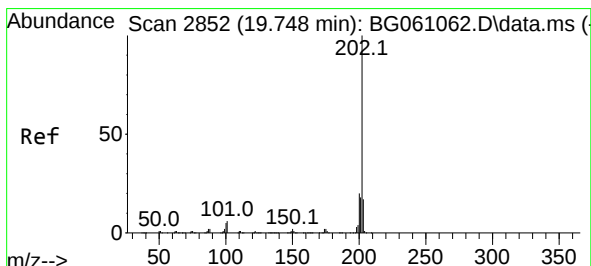
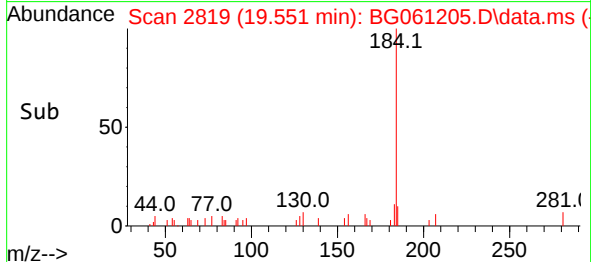
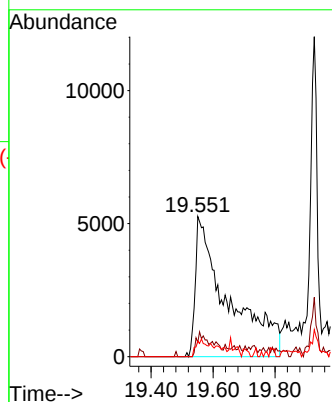
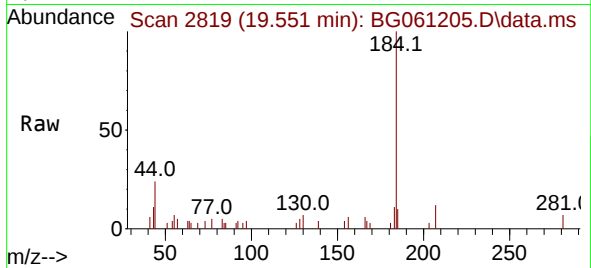
#77  
Benzidine  
Concen: 13.612 ng m  
RT: 19.551 min Scan# 2819  
Delta R.T. -0.014 min  
Lab File: BG061205.D  
Acq: 15 May 2024 14:18

Instrument :  
BNA\_G  
ClientSampleId :  
WC-DDMS

Tgt Ion:184 Resp: 38350  
Ion Ratio Lower Upper  
184 100  
185 10.2 12.0 18.0  
183 11.1 10.9 16.3

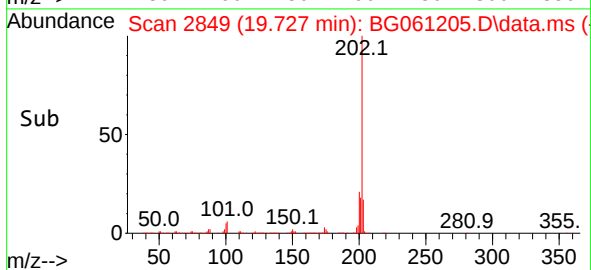
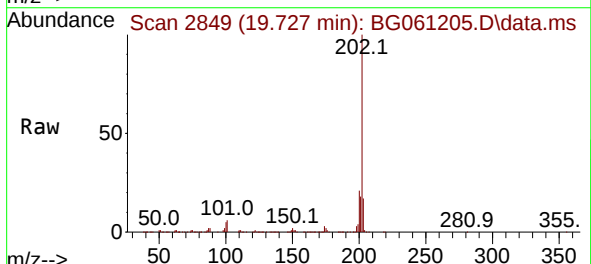
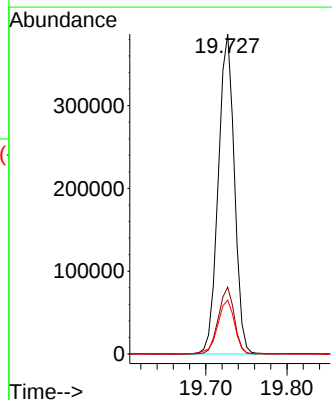
Manual Integrations  
APPROVED

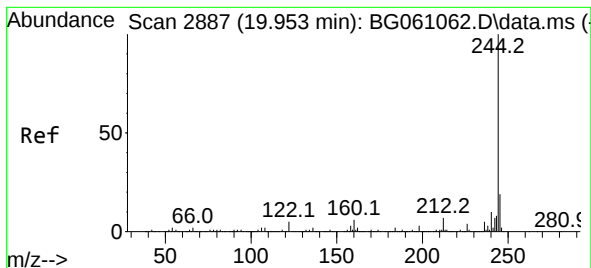
Reviewed By :Jagrut Upadhyay 05/16/2024  
Supervised By :mohammad ahmed 05/17/2024



#78  
Pyrene  
Concen: 47.860 ng  
RT: 19.727 min Scan# 2849  
Delta R.T. -0.021 min  
Lab File: BG061205.D  
Acq: 15 May 2024 14:18

Tgt Ion:202 Resp: 534001  
Ion Ratio Lower Upper  
202 100  
200 20.9 16.2 24.4  
203 16.8 13.3 19.9





#79

Terphenyl-d14

Concen: 90.159 ng

RT: 19.927 min Scan# 21

Delta R.T. -0.027 min

Lab File: BG061205.D

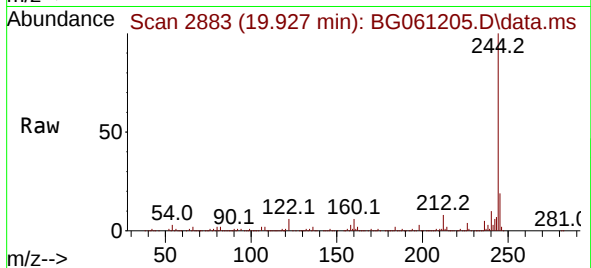
Acq: 15 May 2024 14:18

Instrument :

BNA\_G

ClientSampleId :

WC-DDMS



Tgt Ion:244 Resp: 95139

Ion Ratio Lower Upper

244 100

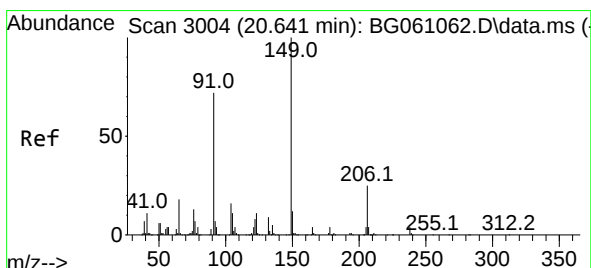
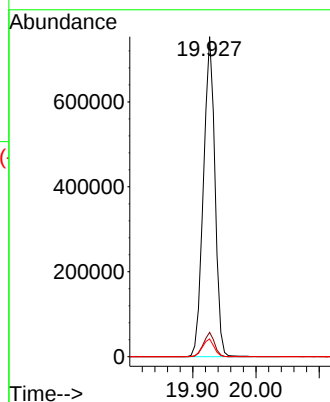
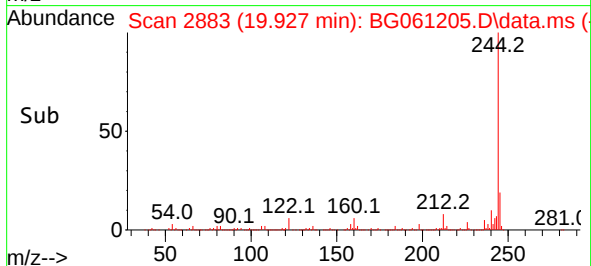
212 7.6 5.7 8.5

122 5.5 4.2 6.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/16/2024  
Supervised By :mohammad ahmed 05/17/2024



#80

Butylbenzylphthalate

Concen: 50.180 ng

RT: 20.614 min Scan# 3000

Delta R.T. -0.027 min

Lab File: BG061205.D

Acq: 15 May 2024 14:18

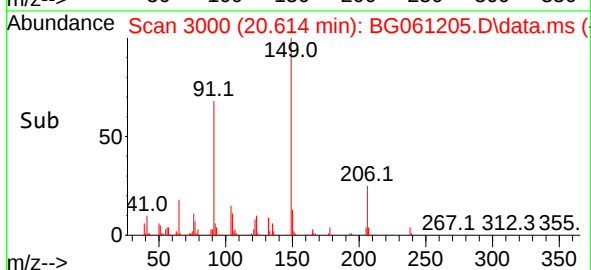
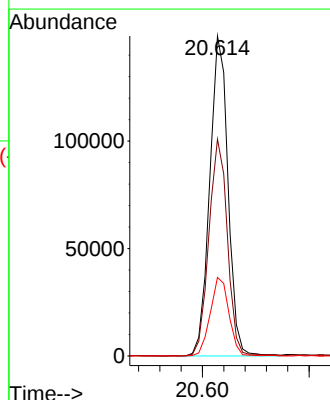
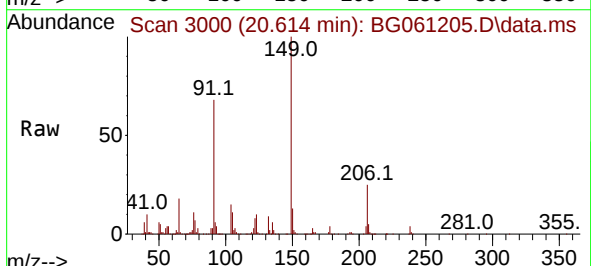
Tgt Ion:149 Resp: 177229

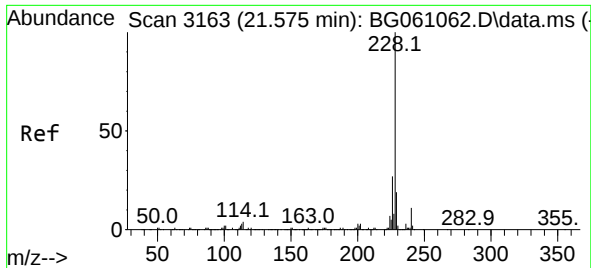
Ion Ratio Lower Upper

149 100

91 67.8 57.4 86.2

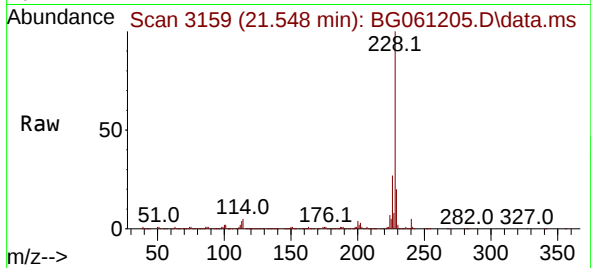
206 24.6 19.8 29.6





#81  
Benzo(a)anthracene  
Concen: 49.491 ng  
RT: 21.548 min Scan# 3159  
Delta R.T. -0.027 min  
Lab File: BG061205.D  
Acq: 15 May 2024 14:18

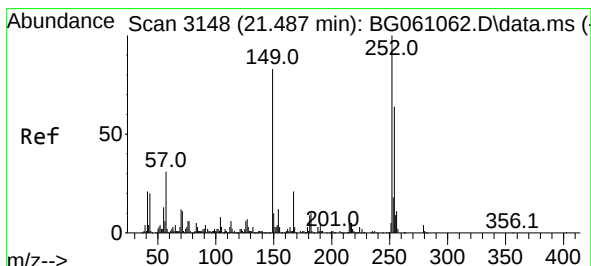
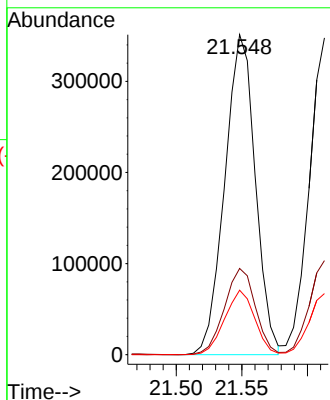
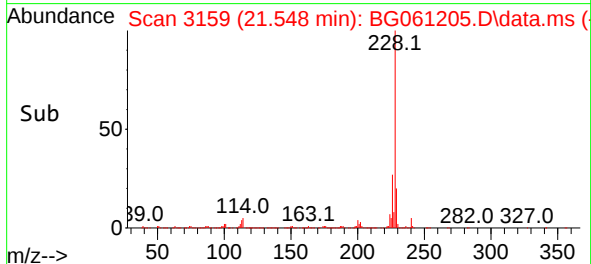
Instrument :  
BNA\_G  
ClientSampleId :  
WC-DDMS



Tgt Ion:228 Resp: 56837  
Ion Ratio Lower Upper  
228 100  
226 26.9 21.6 32.4  
229 20.1 15.0 22.4

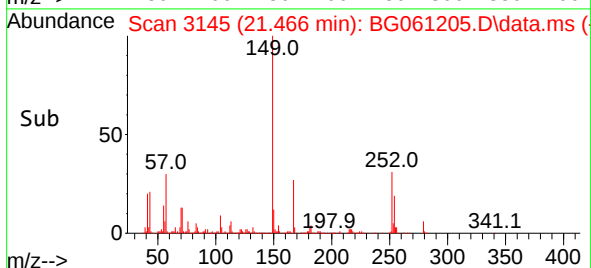
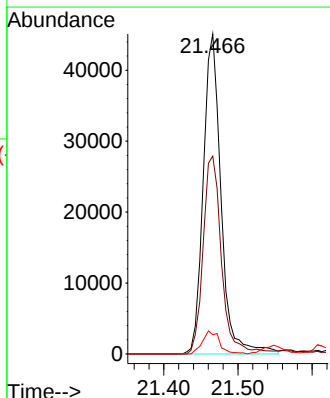
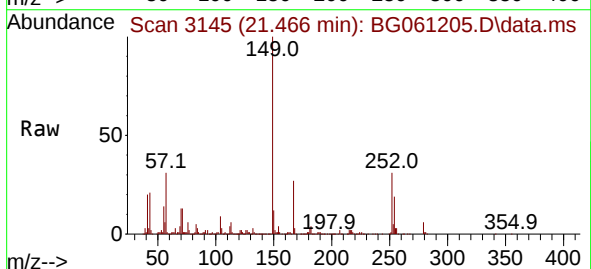
Manual Integrations  
APPROVED

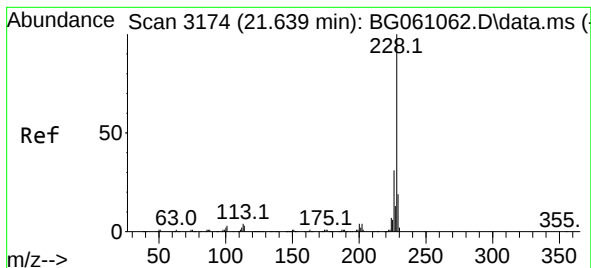
Reviewed By :Jagrut Upadhyay 05/16/2024  
Supervised By :mohammad ahmed 05/17/2024



#82  
3,3'-Dichlorobenzidine  
Concen: 18.213 ng  
RT: 21.466 min Scan# 3145  
Delta R.T. -0.021 min  
Lab File: BG061205.D  
Acq: 15 May 2024 14:18

Tgt Ion:252 Resp: 75275  
Ion Ratio Lower Upper  
252 100  
254 61.8 51.3 76.9  
126 6.0 5.2 7.8





#83

Chrysene

Concen: 50.035 ng

RT: 21.613 min Scan# 3170

Delta R.T. -0.027 min

Lab File: BG061205.D

Acq: 15 May 2024 14:18

Instrument :

BNA\_G

ClientSampleId :

WC-DDMS

Tgt Ion:228 Resp: 53836

Ion Ratio Lower Upper

228 100

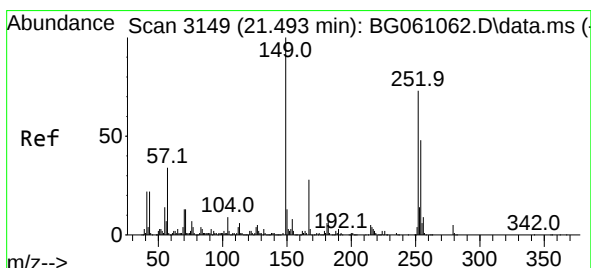
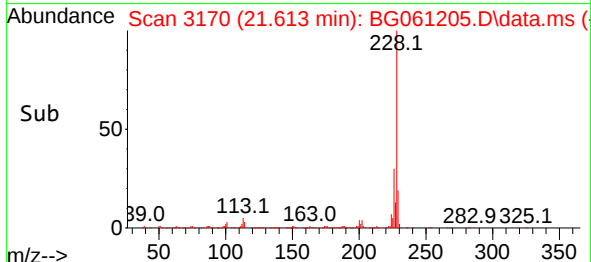
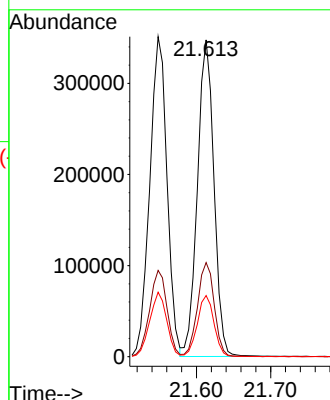
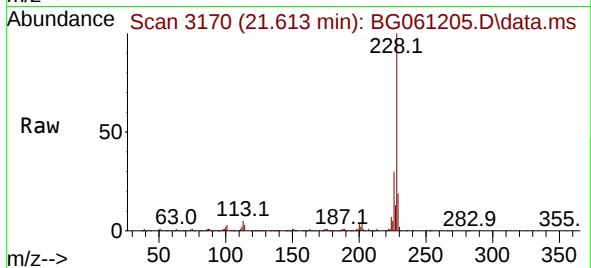
226 29.7 24.4 36.6

229 19.3 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/16/2024  
Supervised By :mohammad ahmed 05/17/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.445 ng

RT: 21.460 min Scan# 3144

Delta R.T. -0.032 min

Lab File: BG061205.D

Acq: 15 May 2024 14:18

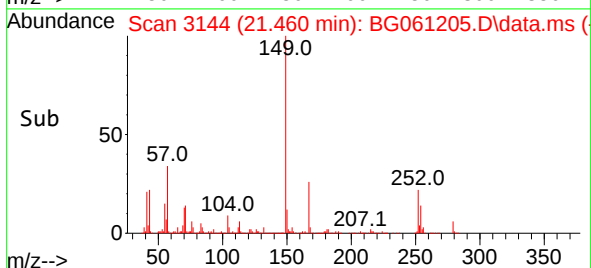
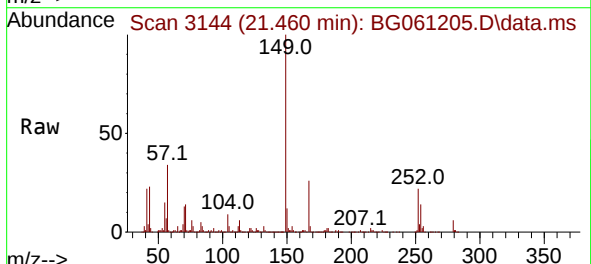
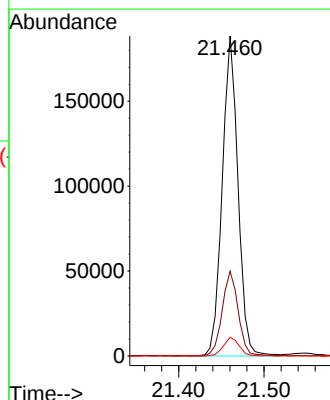
Tgt Ion:149 Resp: 241880

Ion Ratio Lower Upper

149 100

167 26.4 22.1 33.1

279 5.9 4.1 6.1





#85

Di-n-octyl phthalate

Concen: 51.816 ng

RT: 22.641 min Scan# 31

Delta R.T. -0.038 min

Lab File: BG061205.D

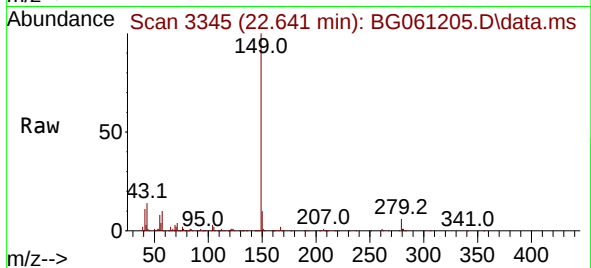
Acq: 15 May 2024 14:18

Instrument :

BNA\_G

ClientSampleId :

WC-DDMS



Tgt Ion:149 Resp: 421624

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

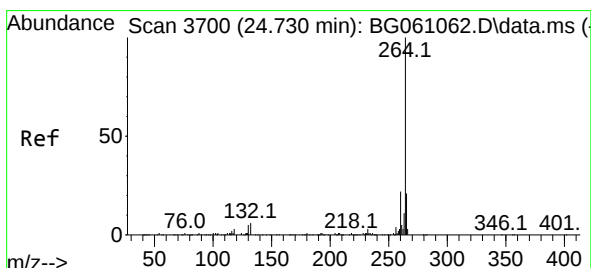
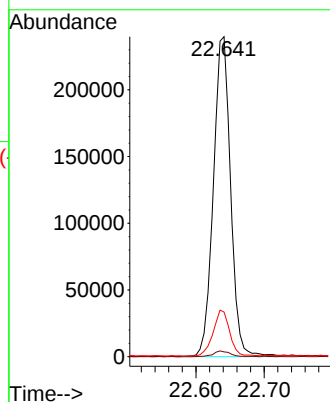
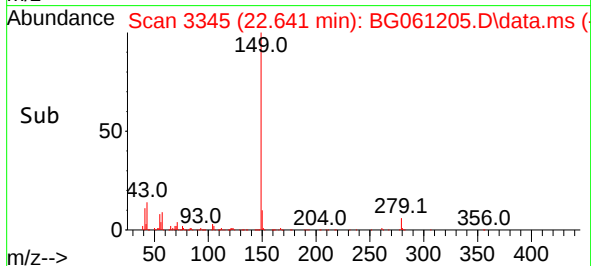
43 13.6 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/16/2024

Supervised By :mohammad ahmed 05/17/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.686 min Scan# 3693

Delta R.T. -0.044 min

Lab File: BG061205.D

Acq: 15 May 2024 14:18

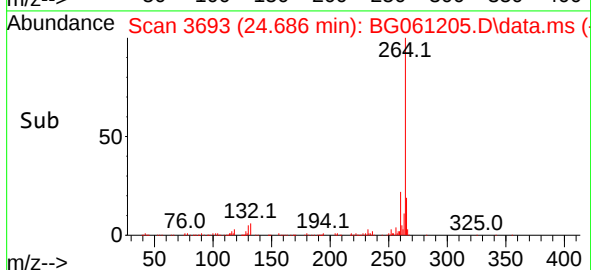
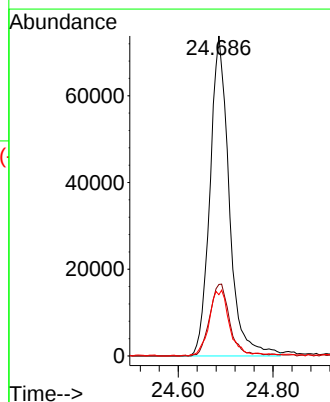
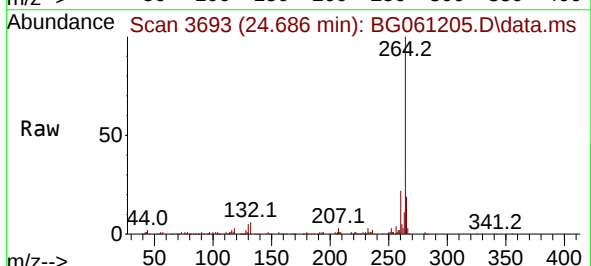
Tgt Ion:264 Resp: 207524

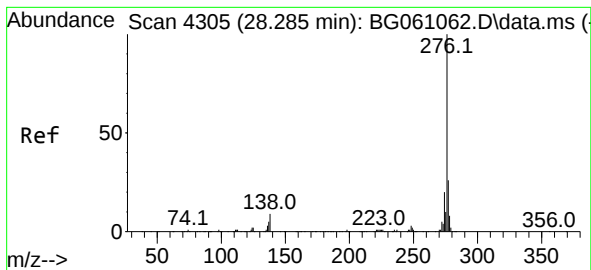
Ion Ratio Lower Upper

264 100

260 22.4 17.7 26.5

265 19.1 16.4 24.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.681 ng m

RT: 28.235 min Scan# 4305

Delta R.T. -0.050 min

Lab File: BG061205.D

Acq: 15 May 2024 14:18

Instrument :

BNA\_G

ClientSampleId :

WC-DDMS

Tgt Ion:276 Resp: 62824

Ion Ratio Lower Upper

276 100

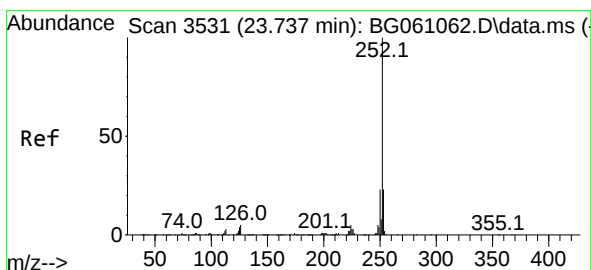
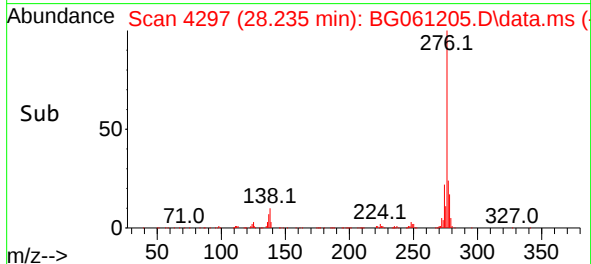
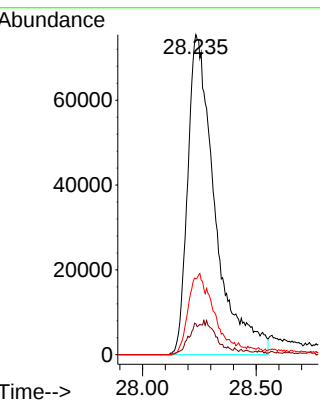
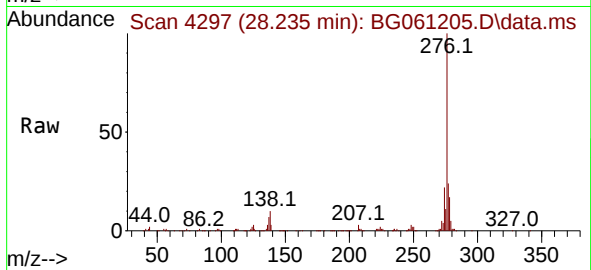
138 3.3 5.1 7.7

277 0.0 20.6 30.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/16/2024  
Supervised By :mohammad ahmed 05/17/2024



#88

Benzo(b)fluoranthene

Concen: 47.712 ng

RT: 23.705 min Scan# 3526

Delta R.T. -0.032 min

Lab File: BG061205.D

Acq: 15 May 2024 14:18

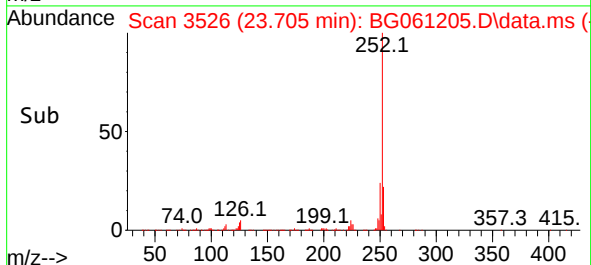
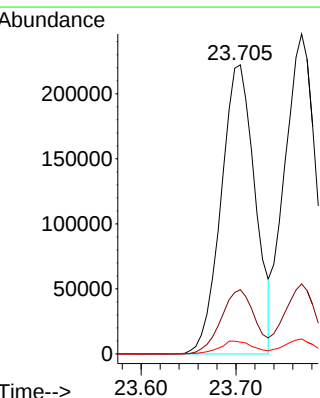
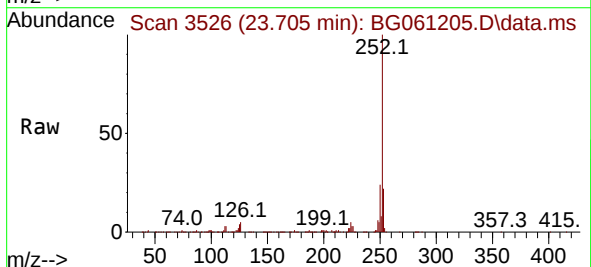
Tgt Ion:252 Resp: 553288

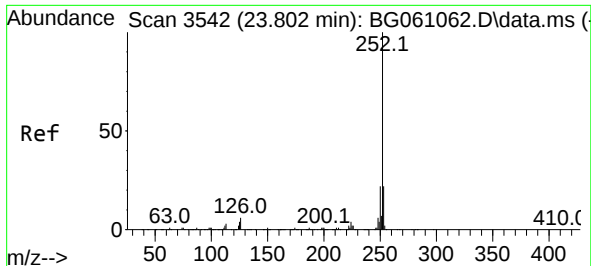
Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.2

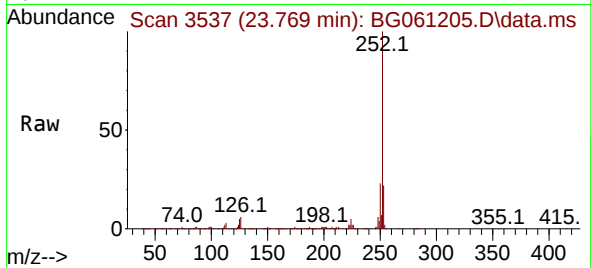
125 4.1 3.4 5.0





#89  
Benzo(k)fluoranthene  
Concen: 51.438 ng  
RT: 23.769 min Scan# 31  
Delta R.T. -0.032 min  
Lab File: BG061205.D  
Acq: 15 May 2024 14:18

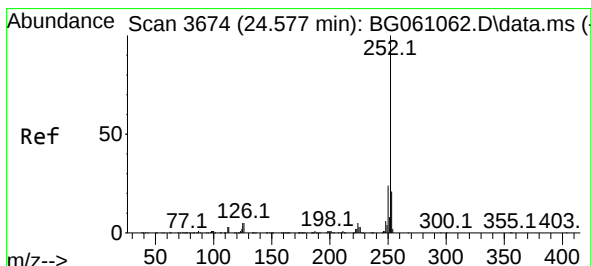
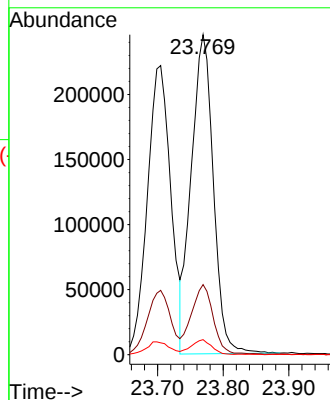
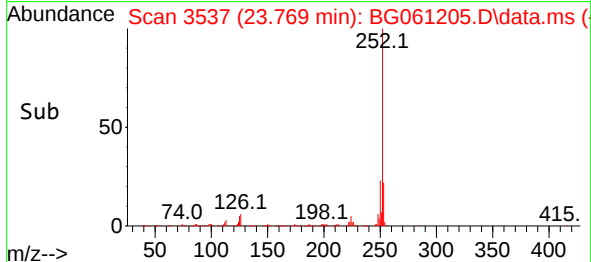
Instrument :  
BNA\_G  
ClientSampleId :  
WC-DDMS



Tgt Ion:252 Resp: 573852  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.3 25.9  
125 4.7 3.2 4.8

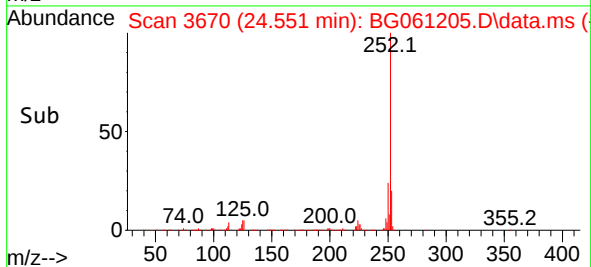
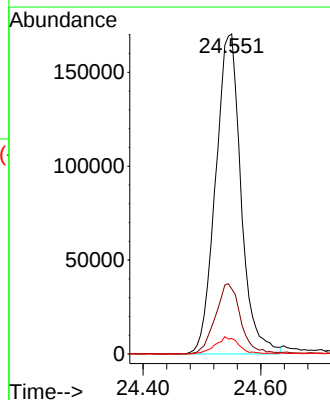
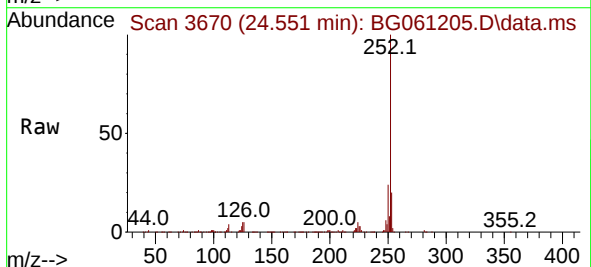
Manual Integrations  
APPROVED

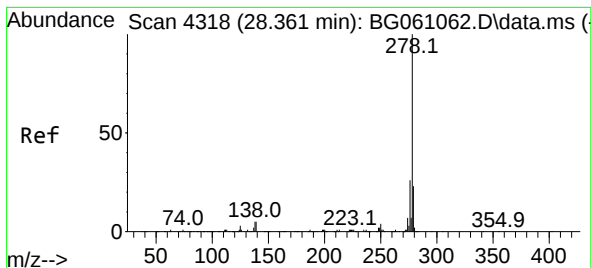
Reviewed By :Jagrut Upadhyay 05/16/2024  
Supervised By :mohammad ahmed 05/17/2024



#90  
Benzo(a)pyrene  
Concen: 50.735 ng  
RT: 24.551 min Scan# 3670  
Delta R.T. -0.027 min  
Lab File: BG061205.D  
Acq: 15 May 2024 14:18

Tgt Ion:252 Resp: 512575  
Ion Ratio Lower Upper  
252 100  
253 20.3 16.9 25.3  
125 4.9 3.8 5.8





#91

Dibenzo(a,h)anthracene

Concen: 43.995 ng

RT: 28.293 min Scan# 41

Delta R.T. -0.068 min

Lab File: BG061205.D

Acq: 15 May 2024 14:18

Instrument :

BNA\_G

ClientSampleId :

WC-DDMS

Tgt Ion:278 Resp: 50107

Ion Ratio Lower Upper

278 100

139 6.7 4.2 6.2

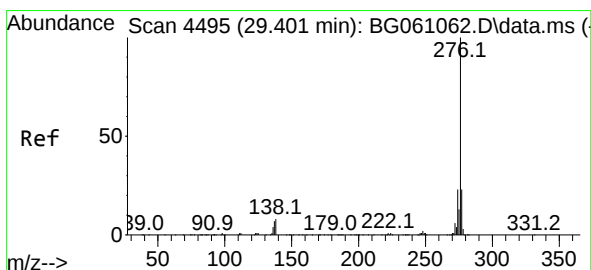
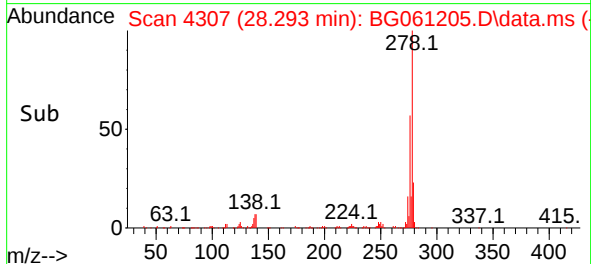
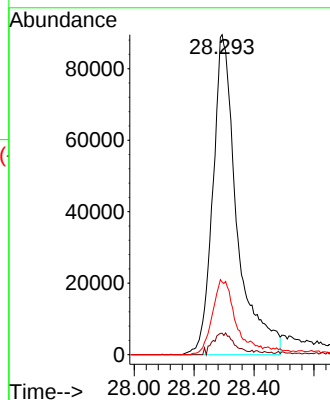
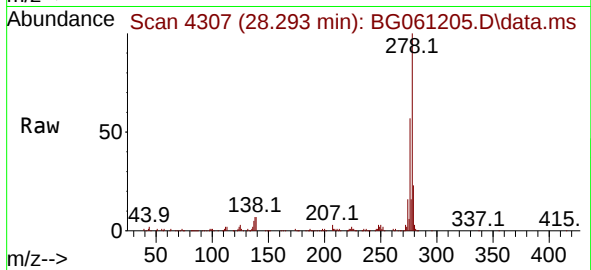
279 22.7 18.0 27.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/16/2024

Supervised By :mohammad ahmed 05/17/2024



#92

Benzo(g,h,i)perylene

Concen: 39.500 ng m

RT: 29.339 min Scan# 4485

Delta R.T. -0.062 min

Lab File: BG061205.D

Acq: 15 May 2024 14:18

Tgt Ion:276 Resp: 447064

Ion Ratio Lower Upper

276 100

277 24.6 18.2 27.4

138 10.2 6.2 9.2#

