

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG010622\  
 Data File : BG051923.D  
 Acq On : 7 Jan 2022 20:21  
 Operator : CG/JU  
 Sample : PB141891BS  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SLCS891

Quant Time: Jan 07 22:56:34 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG010622.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jan 06 14:43:02 2022  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/10/2022  
 Supervised By :mohammad ahmed 01/12/2022

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.248  | 152  | 22272    | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 11.086 | 136  | 98896    | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.886 | 164  | 74471    | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.636 | 188  | 203516   | 20.000 | ng/ul  | # 0.00   |
| 79) Chrysene-d12              | 21.959 | 240  | 214079   | 20.000 | ng/ul  | # 0.00   |
| 88) Perylene-d12              | 25.443 | 264  | 221036   | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.572  | 96   | 3730     | 5.984  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.995  | 84   | 54875    | 28.322 | ng/ul  | -0.01    |
| 7) Phenol-d5                  | 7.385  | 99   | 69538    | 31.901 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.549  | 67   | 41160    | 29.745 | ng/ul  | -0.01    |
| 11) 2-Chlorophenol-d4         | 7.773  | 132  | 46554    | 32.257 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.947  | 113  | 55039    | 32.481 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.417  | 128  | 24701    | 31.609 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 10.152 | 143  | 27759    | 32.119 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.692 | 165  | 54701    | 32.380 | ng/ul  | -0.01    |
| 31) 4-Chloroaniline-d4        | 11.209 | 131  | 63198    | 26.863 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.275 | 166  | 198513   | 32.249 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.587 | 160  | 232655   | 31.289 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 15.069 | 143  | 37850    | 36.777 | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.879 | 176  | 171862   | 32.022 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.985 | 200  | 38641    | 30.097 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.736 | 188  | 311400   | 32.255 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 20.015 | 212  | 417901   | 33.919 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 25.202 | 264  | 380496   | 32.699 | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.608  | 88   | 8099m    | 11.262 | ng/uL  |          |
| 5) Pyridine                   | 4.019  | 79   | 56751    | 27.957 | ng/ul  | 95       |
| 6) Benzaldehyde               | 7.361  | 77   | 40963    | 28.250 | ng/ul  | 97       |
| 8) Phenol                     | 7.408  | 94   | 69519    | 31.245 | ng/ul# | 85       |
| 10) Bis(2-Chloroethyl)ether   | 7.643  | 93   | 49526    | 30.409 | ng/ul  | 97       |
| 12) 2-Chlorophenol            | 7.802  | 128  | 46381    | 31.590 | ng/ul  | 95       |
| 13) 2-Methylphenol            | 8.683  | 108  | 50663    | 31.313 | ng/ul  | 97       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.765  | 45   | 72315    | 29.110 | ng/ul  | 99       |
| 16) Acetophenone              | 9.071  | 105  | 79578    | 29.755 | ng/ul  | 94       |
| 17) N-Nitroso-di-n-propyla... | 9.047  | 70   | 50759    | 31.067 | ng/ul  | 99       |
| 18) 4-Methylphenol            | 9.012  | 108  | 55375    | 31.596 | ng/ul  | 92       |
| 19) Hexachloroethane          | 9.347  | 117  | 18860    | 29.754 | ng/ul  | 86       |
| 22) Nitrobenzene              | 9.459  | 77   | 69655    | 28.738 | ng/ul# | 94       |
| 23) Isophorone                | 9.987  | 82   | 136733   | 29.838 | ng/ul# | 98       |
| 25) 2-Nitrophenol             | 10.181 | 139  | 27400    | 28.847 | ng/ul# | 86       |
| 26) 2,4-Dimethylphenol        | 10.234 | 107  | 61318    | 29.752 | ng/ul  | 97       |
| 27) Bis(2-Chloroethoxy)met... | 10.469 | 93   | 68231    | 28.919 | ng/ul  | 96       |
| 29) 2,4-Dichlorophenol        | 10.722 | 162  | 49444    | 29.802 | ng/ul  | 98       |
| 30) Naphthalene               | 11.133 | 128  | 157719   | 29.431 | ng/ul  | 97       |
| 32) 4-Chloroaniline           | 11.233 | 127  | 63000    | 26.277 | ng/ul  | 98       |
| 33) Hexachlorobutadiene       | 11.421 | 225  | 36757    | 27.794 | ng/ul  | 98       |
| 34) Caprolactam               | 11.979 | 113  | 22207    | 34.392 | ng/ul  | 92       |
| 35) 4-Chloro-3-methylphenol   | 12.343 | 107  | 61598    | 32.156 | ng/ul  | 97       |

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Manual Integrations  
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 Supervised By :mohammad ahmed 01/12/2022

Quant Time: Jan 07 22:56:34 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG010622.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jan 06 14:43:02 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 36) 2-Methylnaphthalene       | 12.731 | 142  | 111785   | 29.284 | ng/ul  | 100      |
| 37) 1-Methylnaphthalene       | 12.948 | 142  | 116522   | 29.743 | ng/ul# | 99       |
| 39) 1,2,4,5-Tetrachloroben... | 13.095 | 216  | 71975    | 27.948 | ng/ul  | 95       |
| 40) Hexachlorocyclopentadiene | 13.077 | 237  | 42766    | 24.201 | ng/ul# | 90       |
| 41) 2,4,6-Trichlorophenol     | 13.324 | 196  | 48915    | 30.052 | ng/ul  | 98       |
| 42) 2,4,5-Trichlorophenol     | 13.400 | 196  | 54055    | 30.806 | ng/ul  | 93       |
| 43) 1,1'-Biphenyl             | 13.723 | 154  | 165488   | 28.785 | ng/ul  | 95       |
| 44) 2-Chloronaphthalene       | 13.770 | 162  | 127706   | 28.682 | ng/ul  | 96       |
| 45) 2-Nitroaniline            | 13.964 | 65   | 55359    | 32.442 | ng/ul  | 95       |
| 47) Dimethylphthalate         | 14.328 | 163  | 187234   | 30.848 | ng/ul  | 100      |
| 48) 2,6-Dinitrotoluene        | 14.446 | 165  | 39976    | 31.237 | ng/ul  | 98       |
| 50) Acenaphthylene            | 14.610 | 152  | 219903   | 30.033 | ng/ul  | 98       |
| 51) 3-Nitroaniline            | 14.775 | 138  | 37528    | 32.418 | ng/ul# | 97       |
| 52) Acenaphthene              | 14.951 | 153  | 146083   | 30.007 | ng/ul  | 95       |
| 53) 2,4-Dinitrophenol         | 14.980 | 184  | 21552    | 28.564 | ng/ul  | 92       |
| 55) 4-Nitrophenol             | 15.080 | 109  | 39504    | 33.450 | ng/ul  | 83       |
| 56) Dibenzofuran              | 15.286 | 168  | 213299   | 30.167 | ng/ul  | 99       |
| 57) 2,4-Dinitrotoluene        | 15.233 | 165  | 61933    | 33.473 | ng/ul  | 98       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.509 | 232  | 53629    | 32.951 | ng/ul  | 91       |
| 59) Diethylphthalate          | 15.685 | 149  | 198097   | 31.634 | ng/ul  | 98       |
| 61) Fluorene                  | 15.932 | 166  | 183435   | 31.134 | ng/ul  | 96       |
| 62) 4-Chlorophenyl-phenyle... | 15.920 | 204  | 99021    | 30.285 | ng/ul  | 92       |
| 63) 4-Nitroaniline            | 15.938 | 138  | 43326    | 36.427 | ng/ul# | 84       |
| 66) 4,6-Dinitro-2-methylph... | 16.003 | 198  | 35772    | 29.144 | ng/ul# | 95       |
| 67) N-Nitrosodiphenylamine    | 16.132 | 169  | 167290   | 30.591 | ng/ul  | 97       |
| 68) 4-Bromophenyl-phenylether | 16.813 | 248  | 70097    | 29.421 | ng/ul# | 89       |
| 69) Hexachlorobenzene         | 16.942 | 284  | 78350    | 29.651 | ng/ul# | 92       |
| 70) Atrazine                  | 17.072 | 200  | 81509    | 32.127 | ng/ul  | 97       |
| 71) Pentachlorophenol         | 17.283 | 266  | 45441    | 30.793 | ng/ul  | 97       |
| 72) Phenanthrene              | 17.683 | 178  | 331009   | 31.040 | ng/ul  | 99       |
| 74) Anthracene                | 17.771 | 178  | 328236   | 30.749 | ng/ul  | 98       |
| 75) 1,2,3,4-Tetrachloroben... | 13.694 | 216  | 75813    | 24.804 | ng/uL  | 94       |
| 76) Pentachlorobenzene        | 15.210 | 250  | 82037    | 27.577 | ng/uL  | 96       |
| 77) Carbazole                 | 18.035 | 167  | 320077   | 33.277 | ng/ul  | 97       |
| 78) Di-n-butylphthalate       | 18.581 | 149  | 373094   | 32.814 | ng/ul  | 100      |
| 80) Fluoranthene              | 19.680 | 202  | 462138   | 32.458 | ng/ul# | 91       |
| 82) Pyrene                    | 20.044 | 202  | 454252   | 32.404 | ng/ul# | 91       |
| 83) Butylbenzylphthalate      | 20.914 | 149  | 168148   | 34.467 | ng/ul  | 98       |
| 84) 3,3'-Dichlorobenzidine    | 21.836 | 252  | 129689   | 26.243 | ng/ul# | 98       |
| 85) Benzo(a)anthracene        | 21.936 | 228  | 452212   | 32.120 | ng/ul  | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.818 | 149  | 231759   | 32.484 | ng/ul# | 98       |
| 87) Chrysene                  | 22.006 | 228  | 425054   | 31.353 | ng/ul  | 98       |
| 89) Di-n-octyl phthalate      | 23.122 | 149  | 389696   | 31.916 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 24.327 | 252  | 468839   | 32.006 | ng/ul# | 95       |
| 91) Benzo(k)fluoranthene      | 24.403 | 252  | 432647   | 31.944 | ng/ul# | 96       |
| 93) Benzo(a)pyrene            | 25.284 | 252  | 441829   | 31.871 | ng/ul# | 94       |
| 94) Indeno(1,2,3-cd)pyrene    | 29.449 | 276  | 510919   | 32.196 | ng/ul# | 90       |
| 95) Dibenzo(a,h)anthracene    | 29.537 | 278  | 434830   | 32.395 | ng/ul# | 93       |
| 96) Benzo(g,h,i)perylene      | 30.718 | 276  | 425291   | 31.874 | ng/ul# | 89       |

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

**Instrument :**

BNA\_G

**ClientSampleId :**

SLCS891

**Manual Integrations**

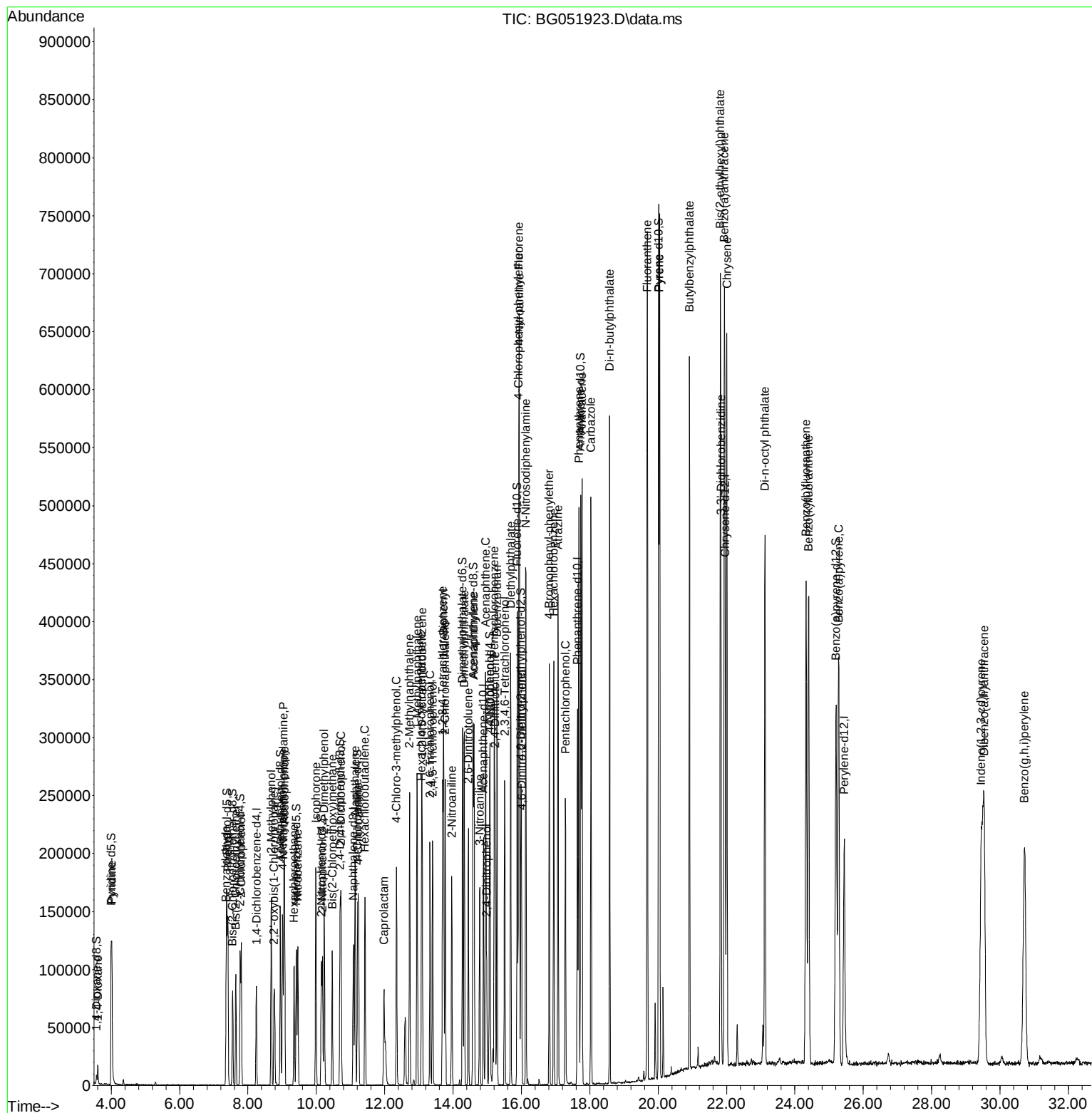
**APPROVED**

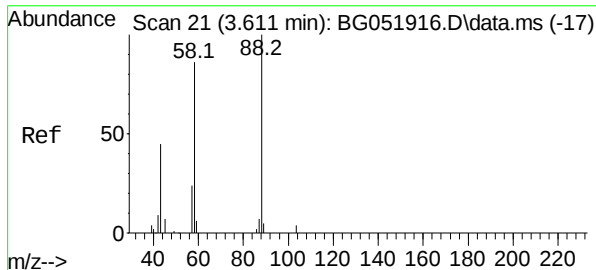
Reviewed By :Jagrut Upadhyay 01/10/2022  
Supervised By :mohammad ahmed 01/12/2022

**Instrument :**  
BNA\_G  
**ClientSampleId :**  
SLCS891

## Manual Integrations APPROVED

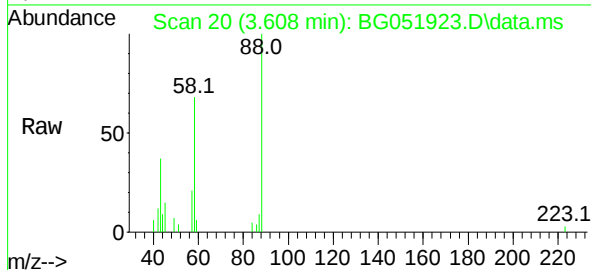
Reviewed By :Jagrut Upadhyay    01/10/2022  
Supervised By :mohammad ahmed    01/12/2022





1,4-Dioxane  
Concen: 11.262 ng/uL m  
RT: 3.608 min Scan# 2  
Delta R.T. -0.010 min  
Lab File: BG051923.D  
Acq: 7 Jan 2022 20:21

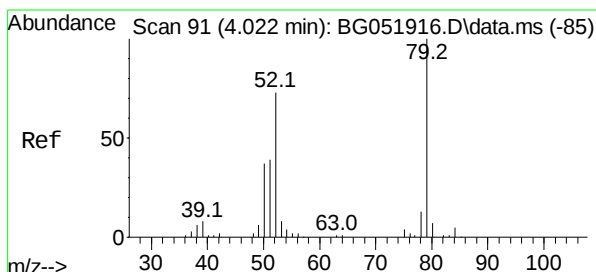
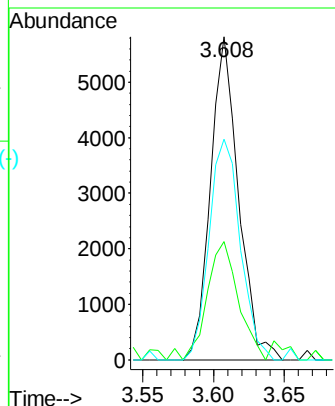
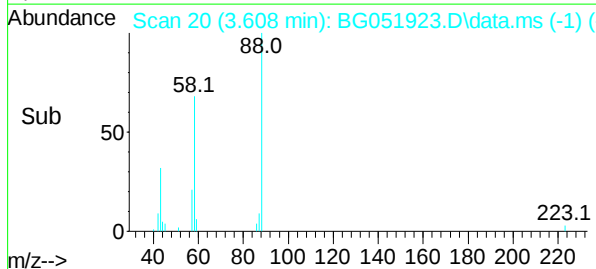
Instrument :  
BNA\_G  
ClientSampleId :  
SLCS891



Tgt Ion: 88 Resp: 809  
Ion Ratio Lower Upper  
88 100  
43 36.7 23.0 34.4  
58 68.2 62.4 93.6

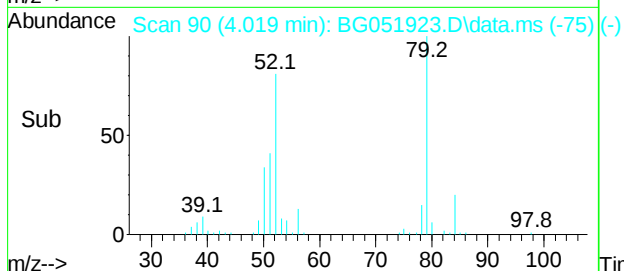
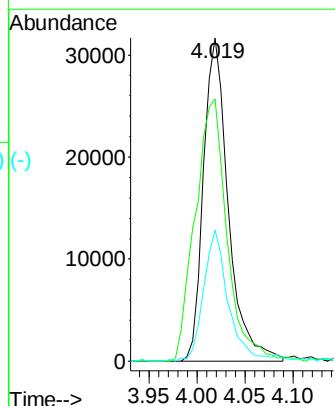
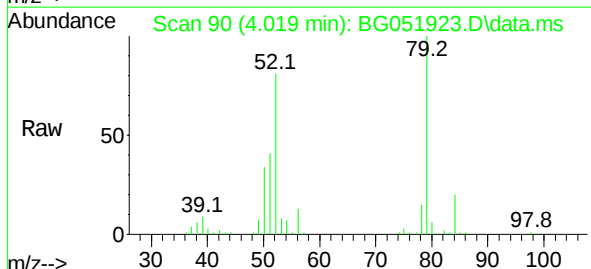
Manual Integrations  
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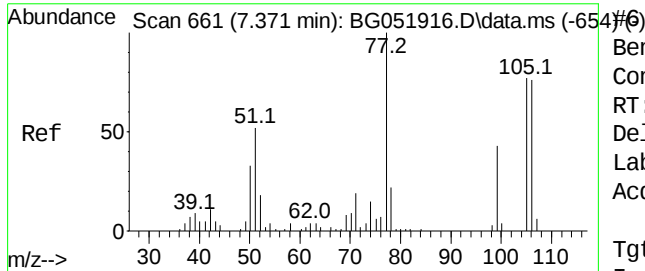
Reviewed By :Jagrut Upadhyay 01/10/2022  
Supervised By :mohammad ahmed 01/12/2022



Pyridine  
Concen: 27.957 ng/uL  
RT: 4.019 min Scan# 90  
Delta R.T. -0.010 min  
Lab File: BG051923.D  
Acq: 7 Jan 2022 20:21

Tgt Ion: 79 Resp: 56751  
Ion Ratio Lower Upper  
79 100  
52 81.3 60.8 91.2  
51 40.6 30.5 45.7





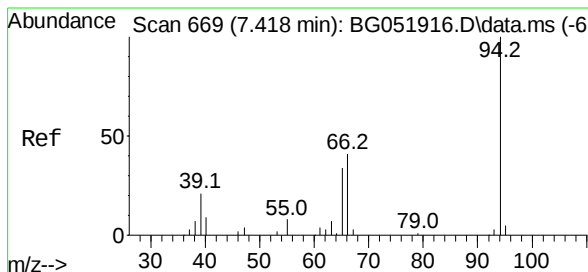
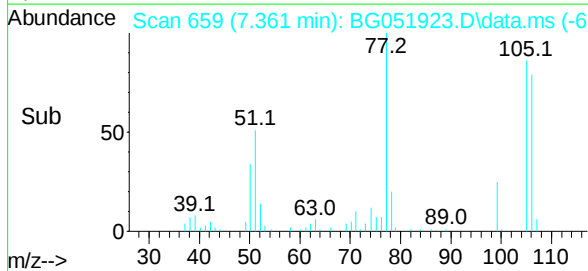
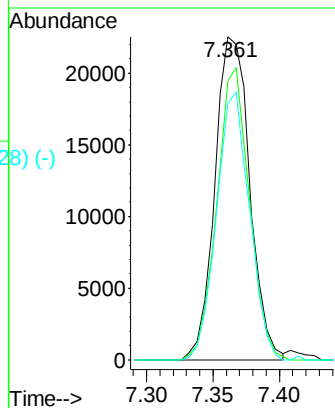
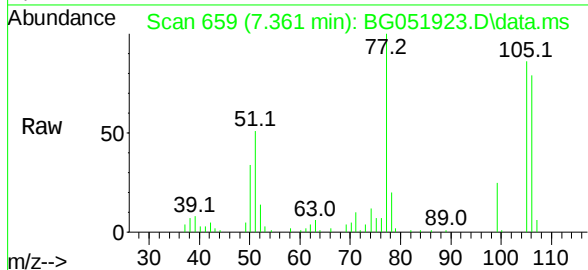
Benzaldehyde  
 Concen: 28.250 ng/ul  
 RT: 7.361 min Scan# 661  
 Delta R.T. -0.016 min  
 Lab File: BG051923.D  
 Acq: 7 Jan 2022 20:21

Instrument :  
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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 77    | Resp: | 4096  |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 86.3  | 70.4  | 105.6 |
| 106      | 79.4  | 61.2  | 91.8  |

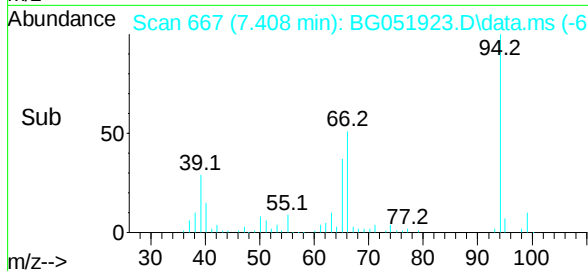
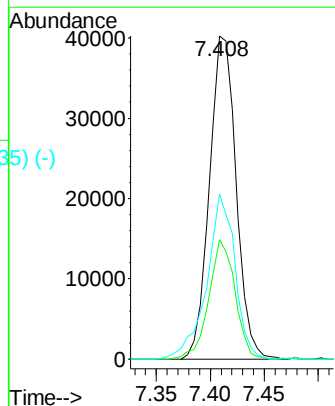
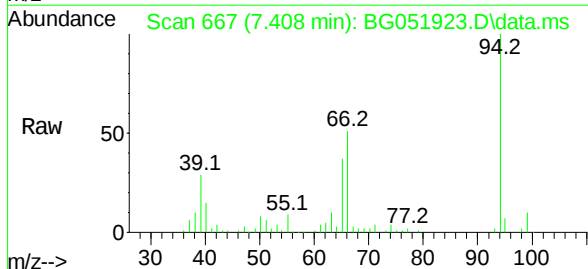
Manual Integrations  
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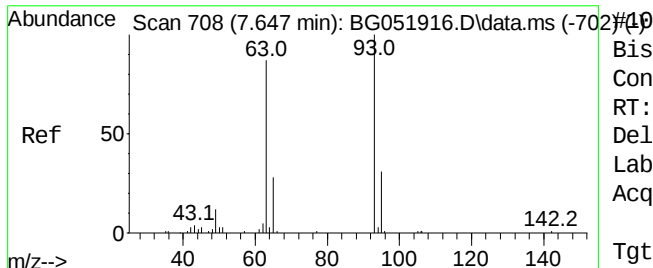
Reviewed By :Jagrut Upadhyay 01/10/2022  
 Supervised By :mohammad ahmed 01/12/2022



Phenol  
 Concen: 31.245 ng/ul  
 RT: 7.408 min Scan# 667  
 Delta R.T. -0.010 min  
 Lab File: BG051923.D  
 Acq: 7 Jan 2022 20:21

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 94    | Resp: | 69519 |
| Ion      | Ratio | Lower | Upper |
| 94       | 100   |       |       |
| 65       | 37.0  | 25.1  | 37.7  |
| 66       | 51.1  | 31.6  | 47.4# |





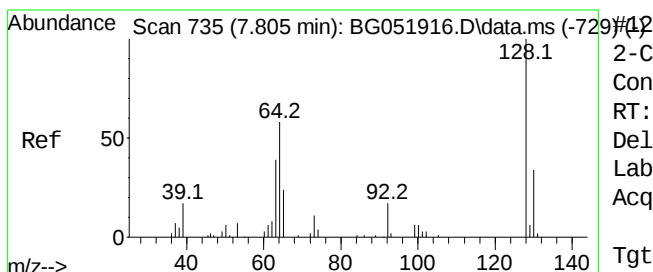
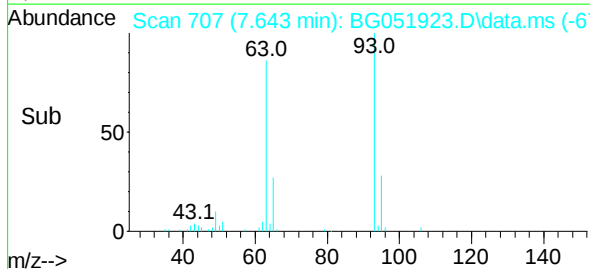
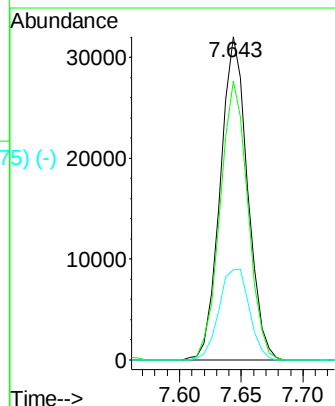
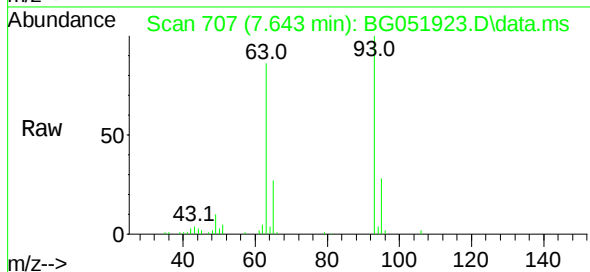
Bis(2-Chloroethyl)ether  
 Concen: 30.409 ng/ul  
 RT: 7.643 min Scan# 708  
 Delta R.T. -0.010 min  
 Lab File: BG051923.D  
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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 4952  |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 86.2  | 68.6  | 103.0 |
| 95       | 28.0  | 26.1  | 39.1  |

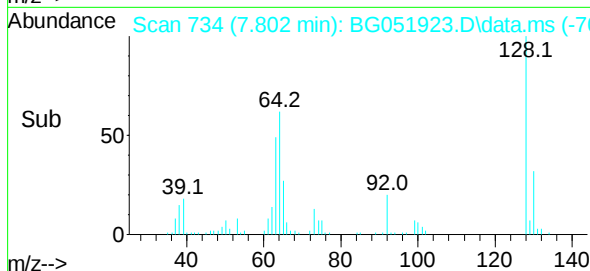
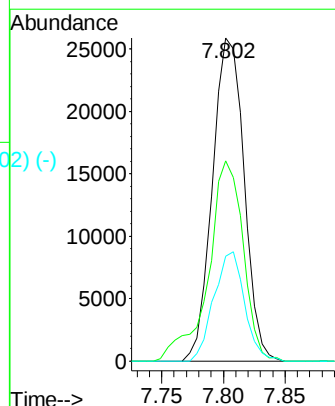
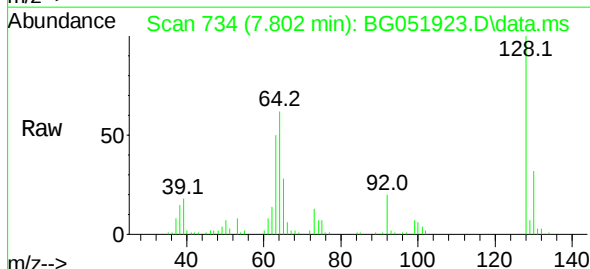
Manual Integrations  
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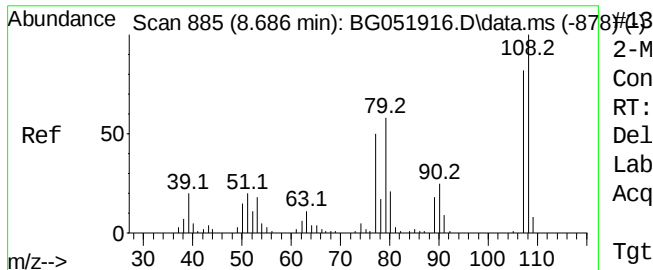
Reviewed By :Jagrut Upadhyay 01/10/2022  
 Supervised By :mohammad ahmed 01/12/2022



2-Chlorophenol  
 Concen: 31.590 ng/ul  
 RT: 7.802 min Scan# 734  
 Delta R.T. -0.010 min  
 Lab File: BG051923.D  
 Acq: 7 Jan 2022 20:21

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 46381 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 64       | 61.9  | 45.3  | 67.9  |
| 130      | 32.5  | 27.1  | 40.7  |





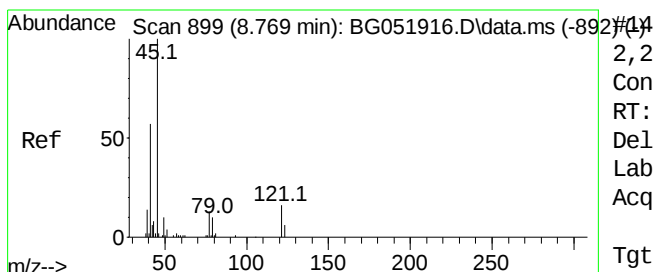
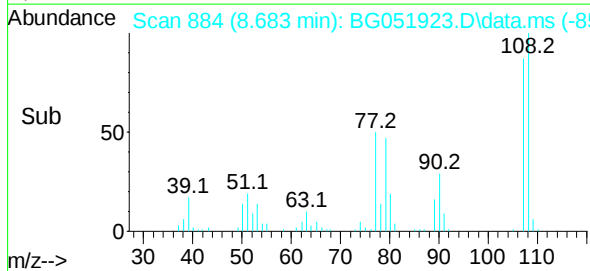
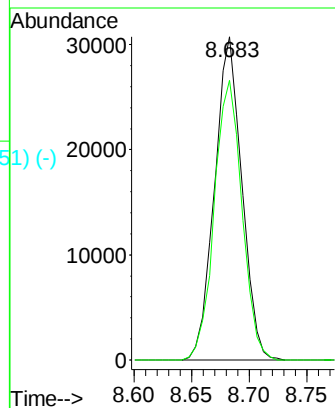
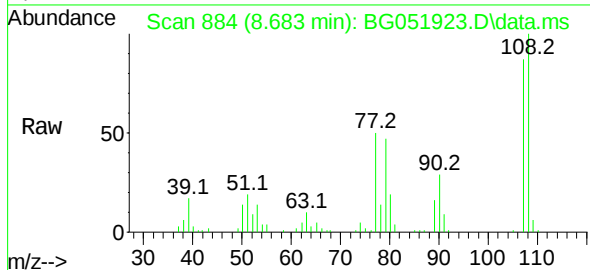
2-Methylphenol  
Concen: 31.313 ng/ul  
RT: 8.683 min Scan# 884  
Delta R.T. -0.004 min  
Lab File: BG051923.D  
Acq: 7 Jan 2022 20:21

Instrument :  
BNA\_G  
ClientSampleId :  
SLCS891

Tgt Ion:108 Resp: 5066  
Ion Ratio Lower Upper  
108 100  
107 86.5 71.8 107.6

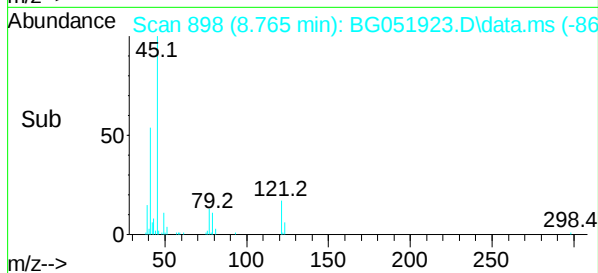
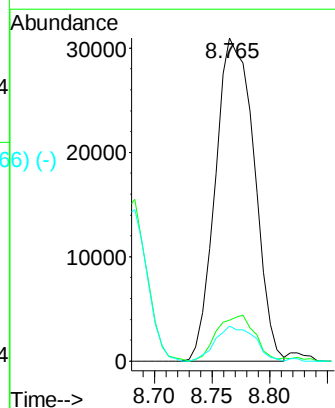
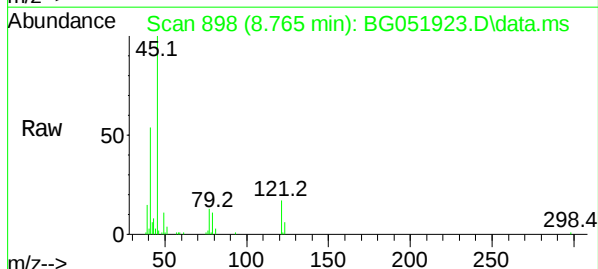
Manual Integrations  
APPROVED

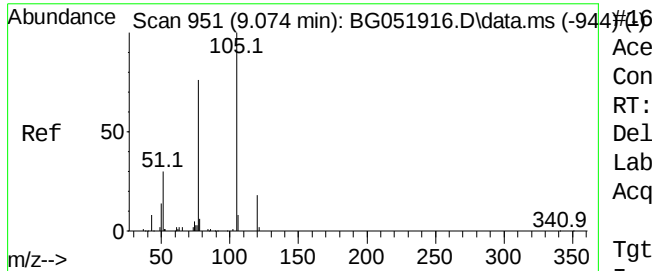
Reviewed By :Jagrut Upadhyay 01/10/2022  
Supervised By :mohammad ahmed 01/12/2022



2,2'-oxybis(1-Chloropropane)  
Concen: 29.110 ng/ul  
RT: 8.765 min Scan# 898  
Delta R.T. -0.010 min  
Lab File: BG051923.D  
Acq: 7 Jan 2022 20:21

Tgt Ion: 45 Resp: 72315  
Ion Ratio Lower Upper  
45 100  
77 12.7 10.7 16.1  
79 10.9 8.5 12.7





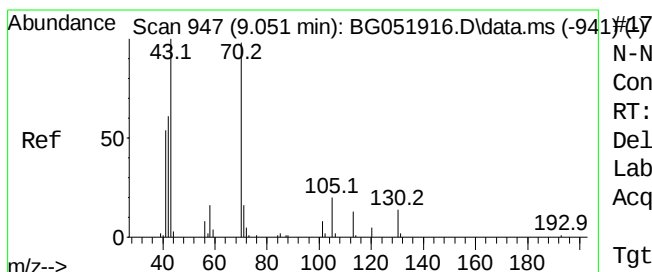
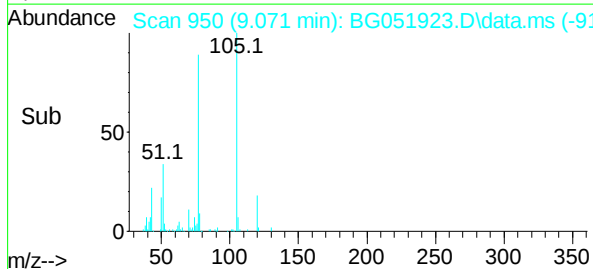
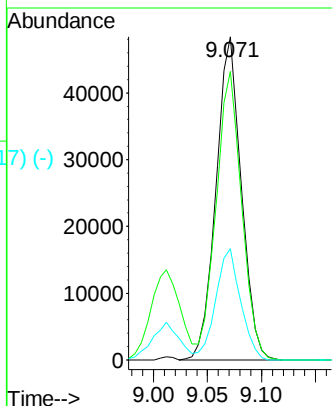
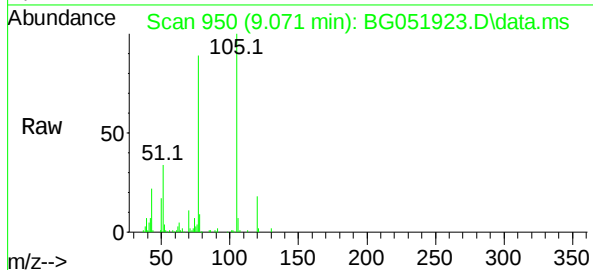
Acetophenone  
Concen: 29.755 ng/u1  
RT: 9.071 min Scan# 946  
Delta R.T. -0.004 min  
Lab File: BG051923.D  
Acq: 7 Jan 2022 20:21

Instrument :  
BNA\_G  
ClientSampleId :  
SLCS891

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 105   | Resp: | 795   |
| Ion      | Ratio | Lower | Upper |
| 105      | 100   |       |       |
| 77       | 89.4  | 67.3  | 100.9 |
| 51       | 34.5  | 24.0  | 36.0  |

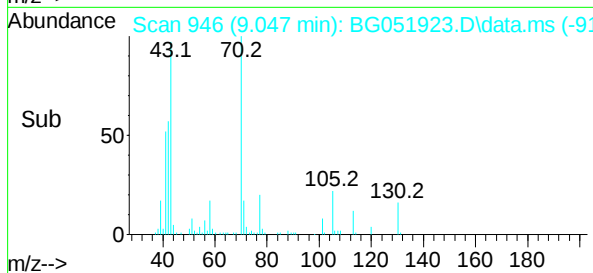
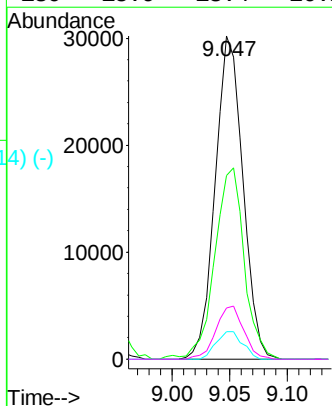
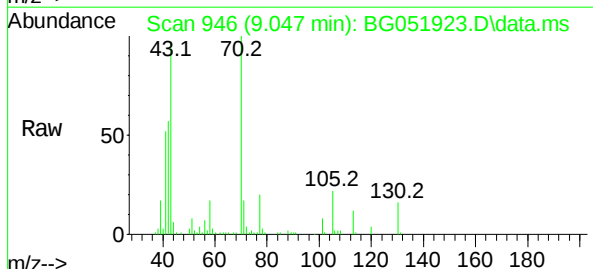
Manual Integrations  
APPROVED

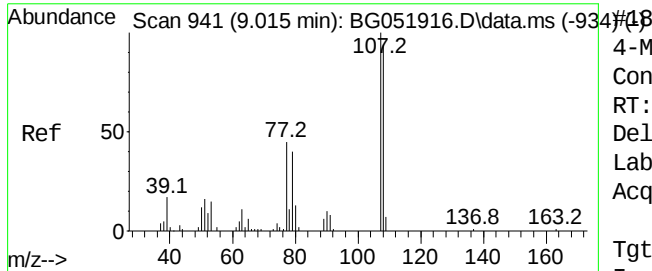
Reviewed By :Jagrut Upadhyay 01/10/2022  
Supervised By :mohammad ahmed 01/12/2022



N-Nitroso-di-n-propylamine  
Concen: 31.067 ng/u1  
RT: 9.047 min Scan# 946  
Delta R.T. -0.010 min  
Lab File: BG051923.D  
Acq: 7 Jan 2022 20:21

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 50759 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 56.8  | 46.0  | 69.0  |
| 101      | 8.5   | 7.0   | 10.4  |
| 130      | 15.9  | 13.4  | 20.2  |





4-Methylphenol  
 Concen: 31.596 ng/u1  
 RT: 9.012 min Scan# 941  
 Delta R.T. -0.004 min  
 Lab File: BG051923.D  
 Acq: 7 Jan 2022 20:21

Instrument :

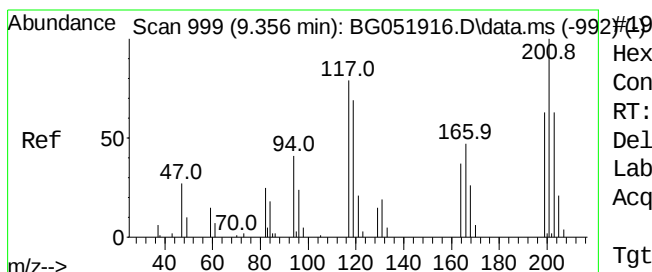
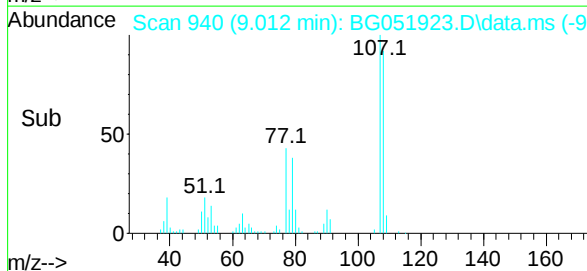
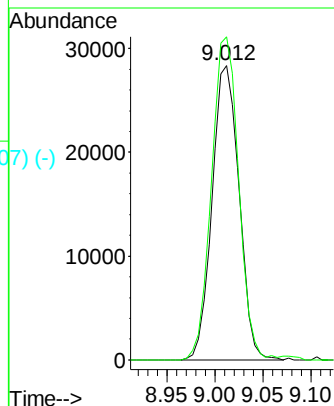
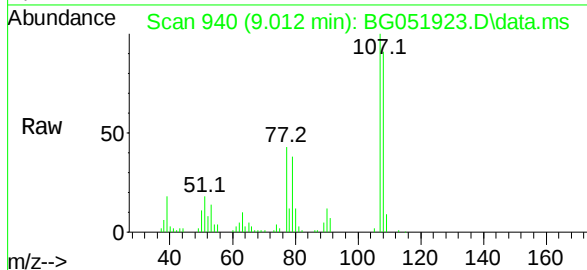
BNA\_G

ClientSampleId :  
 SLCS891

Tgt Ion:108 Resp: 5537  
 Ion Ratio Lower Upper  
 108 100  
 107 109.8 95.0 142.4

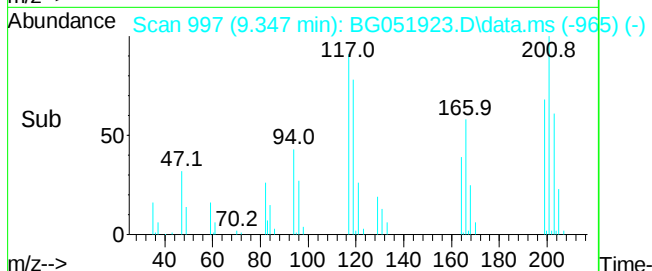
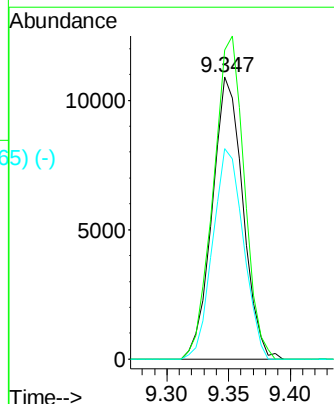
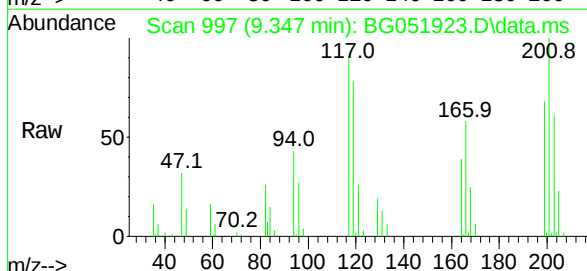
Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 01/10/2022  
 Supervised By :mohammad ahmed 01/12/2022

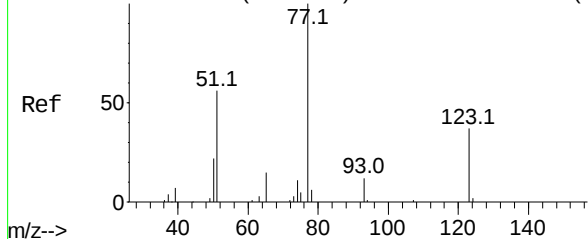


Hexachloroethane  
 Concen: 29.754 ng/u1  
 RT: 9.347 min Scan# 997  
 Delta R.T. -0.010 min  
 Lab File: BG051923.D  
 Acq: 7 Jan 2022 20:21

Tgt Ion:117 Resp: 18860  
 Ion Ratio Lower Upper  
 117 100  
 201 109.6 77.2 115.8  
 199 74.7 49.9 74.9



Abundance Scan 1017 (9.462 min): BG051916.D\data.ms (-1022-)



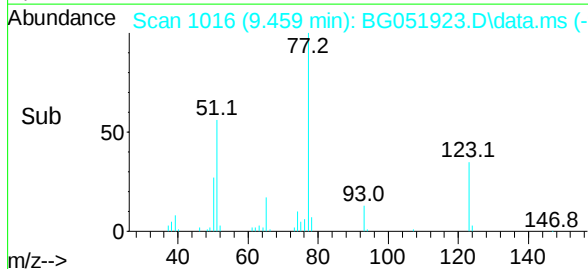
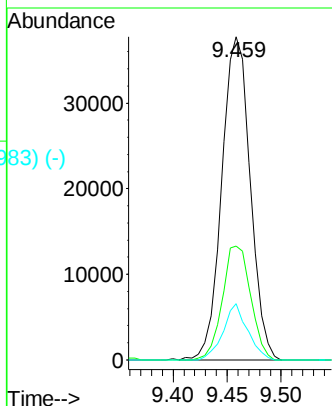
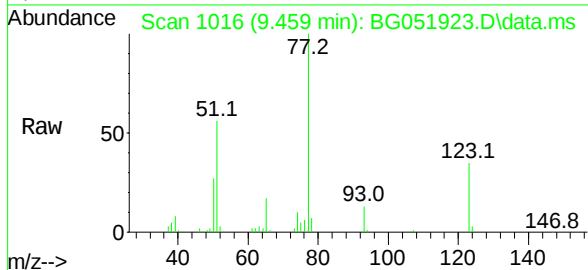
Nitrobenzene  
Concen: 28.738 ng/ul  
RT: 9.459 min Scan# 1017  
Delta R.T. -0.004 min  
Lab File: BG051923.D  
Acq: 7 Jan 2022 20:21

Instrument :  
BNA\_G  
ClientSampleId :  
SLCS891

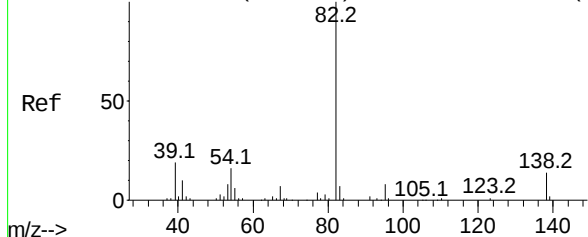
Tgt Ion: 77 Resp: 6965  
Ion Ratio Lower Upper  
77 100  
123 35.2 30.1 45.3  
65 17.3 9.6 14.4

Manual Integrations  
APPROVED

Reviewed By :Jagrut Upadhyay 01/10/2022  
Supervised By :mohammad ahmed 01/12/2022

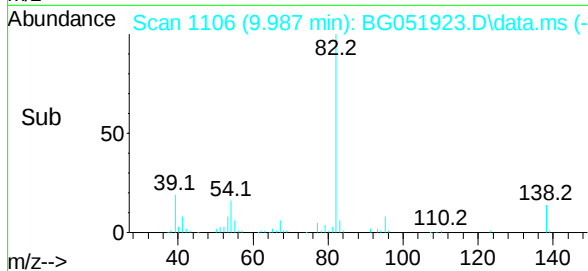
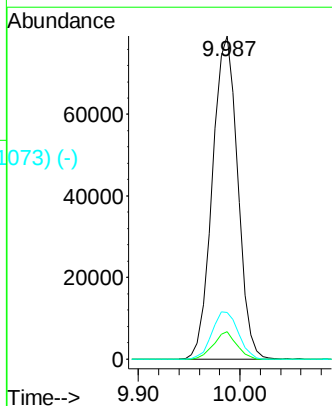
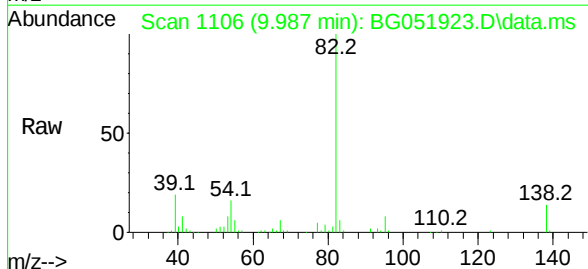


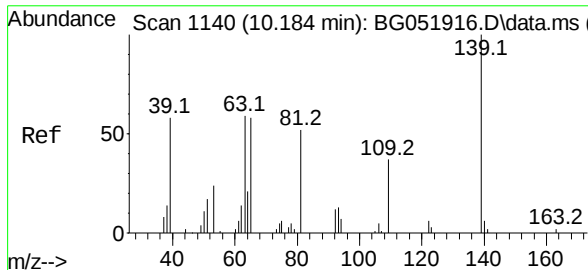
Abundance Scan 1107 (9.991 min): BG051916.D\data.ms (-1103-)



Isophorone  
Concen: 29.838 ng/ul  
RT: 9.987 min Scan# 1106  
Delta R.T. -0.004 min  
Lab File: BG051923.D  
Acq: 7 Jan 2022 20:21

Tgt Ion: 82 Resp: 136733  
Ion Ratio Lower Upper  
82 100  
95 8.5 5.6 8.4#  
138 14.4 11.8 17.8





2-Nitrophenol  
Concen: 28.847 ng/ul  
RT: 10.181 min Scan# 1139  
Delta R.T. -0.010 min  
Lab File: BG051923.D  
Acq: 7 Jan 2022 20:21

Instrument :

BNA\_G

ClientSampleId :

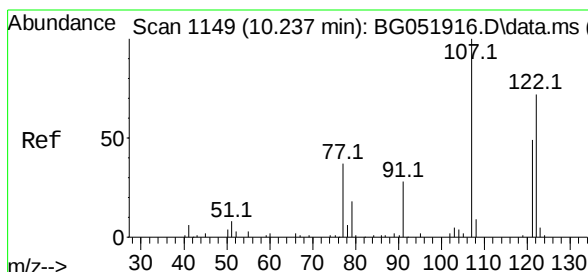
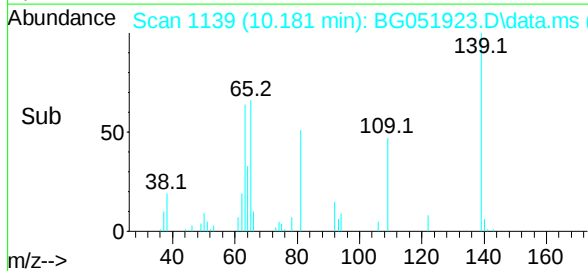
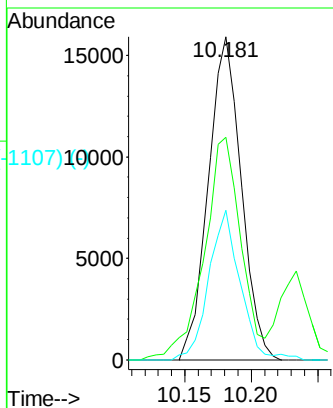
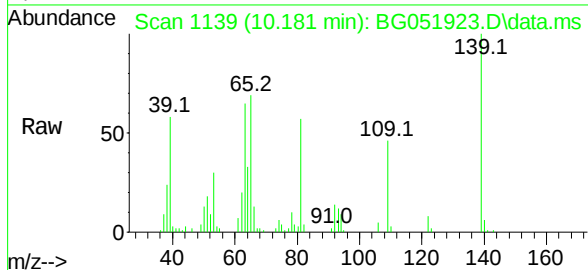
SLCS891

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 65      | 68.9  | 48.0  | 72.0  |
| 109     | 46.4  | 28.6  | 42.8  |

Manual Integrations

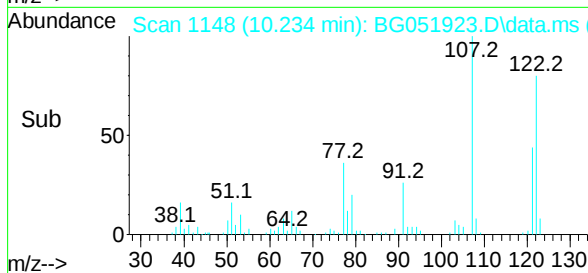
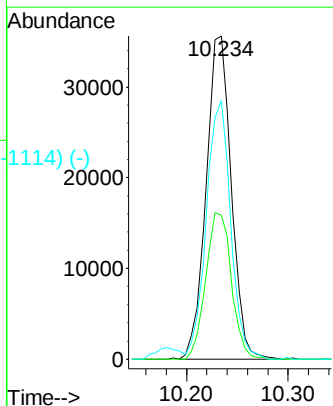
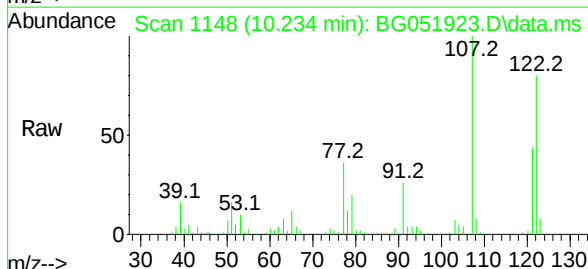
APPROVED

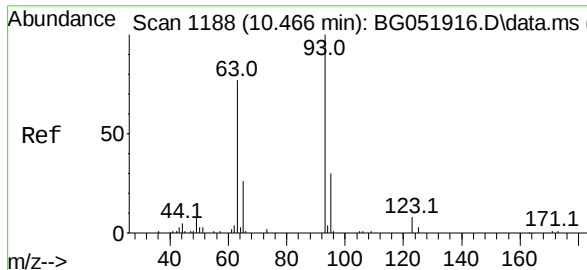
Reviewed By :Jagrut Upadhyay 01/10/2022  
Supervised By :mohammad ahmed 01/12/2022



2,4-Dimethylphenol  
Concen: 29.752 ng/ul  
RT: 10.234 min Scan# 1148  
Delta R.T. 0.001 min  
Lab File: BG051923.D  
Acq: 7 Jan 2022 20:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 121     | 44.5  | 39.3  | 58.9  |
| 122     | 80.0  | 63.7  | 95.5  |





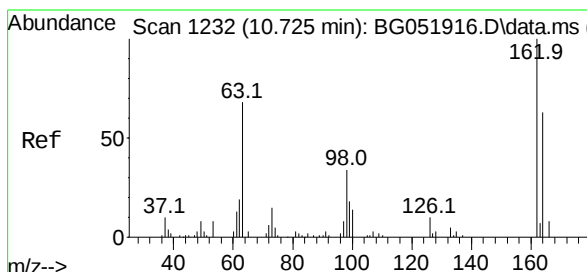
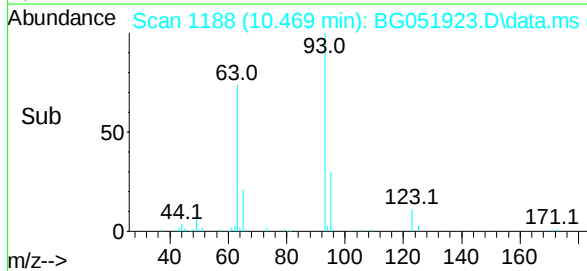
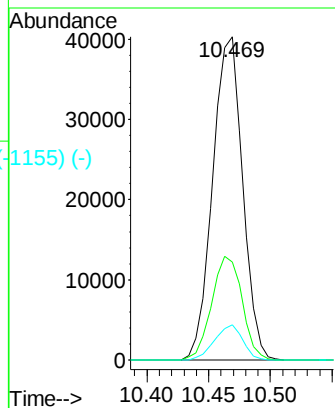
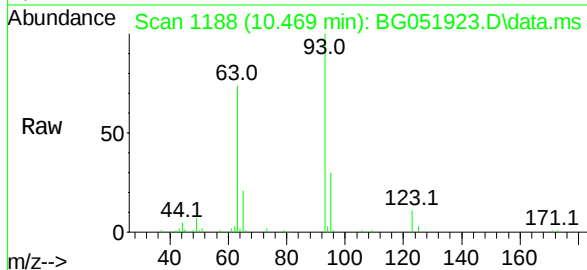
Bis(2-Chloroethoxy)methane  
 Concen: 28.919 ng/ul  
 RT: 10.469 min Scan# 1187  
 Delta R.T. -0.004 min  
 Lab File: BG051923.D  
 Acq: 7 Jan 2022 20:21

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SLCS891

Tgt Ion: 93 Resp: 6823  
 Ion Ratio Lower Upper  
 93 100  
 95 30.3 26.5 39.7  
 123 10.9 8.1 12.1

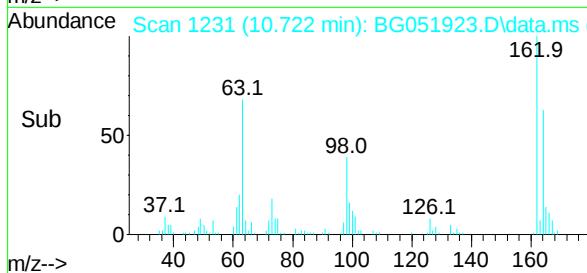
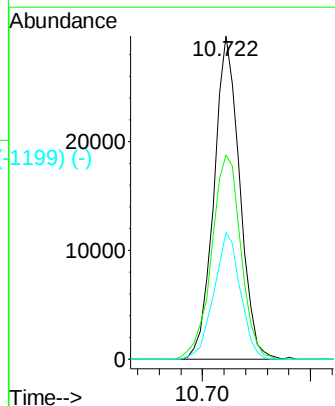
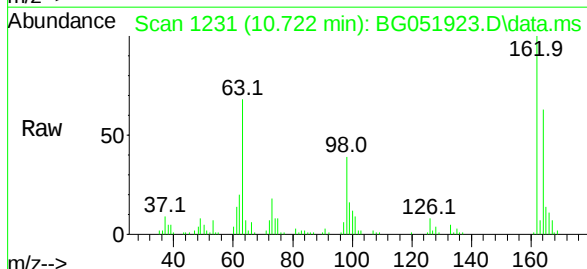
Manual Integrations  
 APPROVED

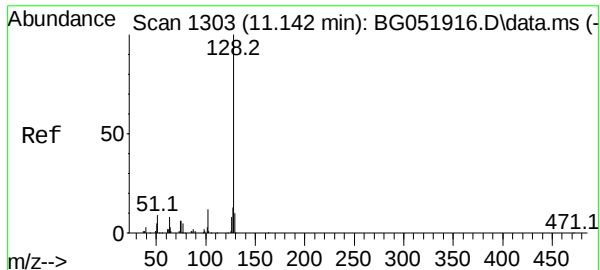
Reviewed By :Jagrut Upadhyay 01/10/2022  
 Supervised By :mohammad ahmed 01/12/2022



2,4-Dichlorophenol  
 Concen: 29.802 ng/ul  
 RT: 10.722 min Scan# 1231  
 Delta R.T. -0.010 min  
 Lab File: BG051923.D  
 Acq: 7 Jan 2022 20:21

Tgt Ion:162 Resp: 49444  
 Ion Ratio Lower Upper  
 162 100  
 164 63.2 49.4 74.0  
 98 39.2 30.4 45.6





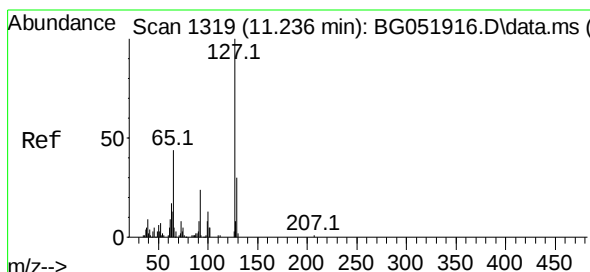
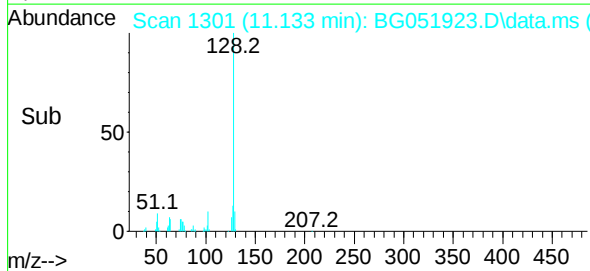
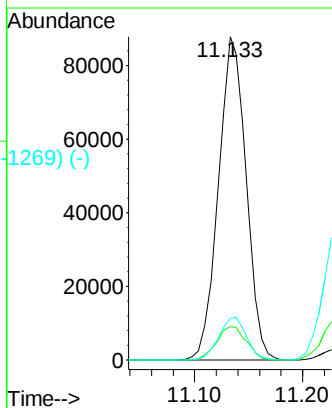
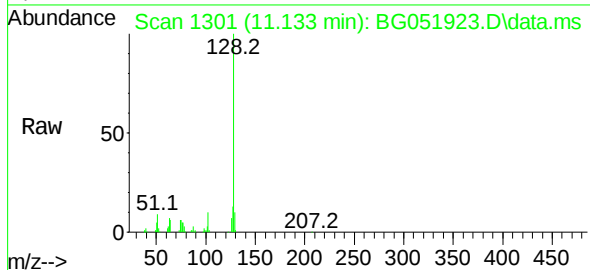
Naphthalene  
Concen: 29.431 ng/ul  
RT: 11.133 min Scan# 1303  
Delta R.T. -0.010 min  
Lab File: BG051923.D  
Acq: 7 Jan 2022 20:21

Instrument :  
BNA\_G  
Client SampleId :  
SLCS891

Tgt Ion:128 Resp: 15772  
Ion Ratio Lower Upper  
128 100  
129 10.4 8.5 12.7  
127 12.9 11.8 17.6

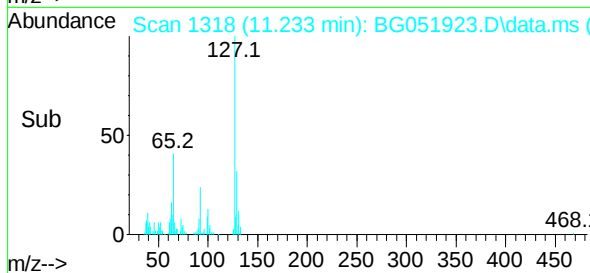
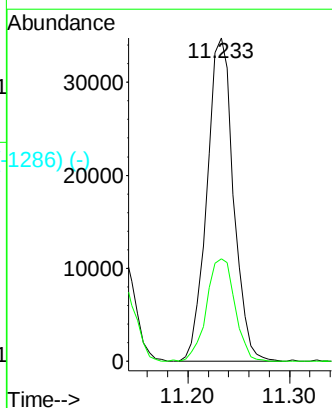
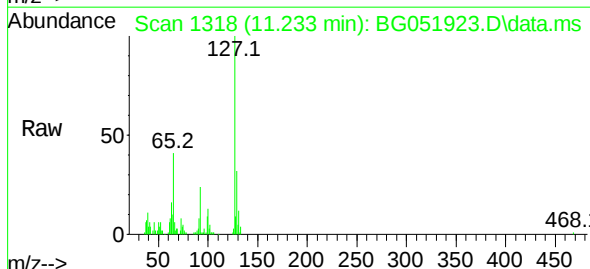
Manual Integrations  
APPROVED

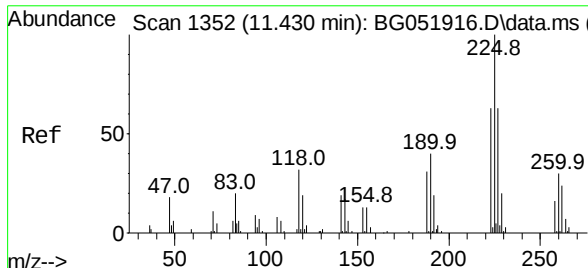
Reviewed By :Jagrut Upadhyay 01/10/2022  
Supervised By :mohammad ahmed 01/12/2022



4-Chloroaniline  
Concen: 26.277 ng/ul  
RT: 11.233 min Scan# 1318  
Delta R.T. -0.010 min  
Lab File: BG051923.D  
Acq: 7 Jan 2022 20:21

Tgt Ion:127 Resp: 63000  
Ion Ratio Lower Upper  
127 100  
129 31.6 26.2 39.2





Scan 1352 (11.430 min): BG051916.D\data.ms (-1383) (-)  
 Hexachlorobutadiene  
 Concen: 27.794 ng/ul  
 RT: 11.421 min Scan# 1352  
 Delta R.T. -0.010 min  
 Lab File: BG051923.D  
 Acq: 7 Jan 2022 20:21

Instrument :

BNA\_G

ClientSampleId :

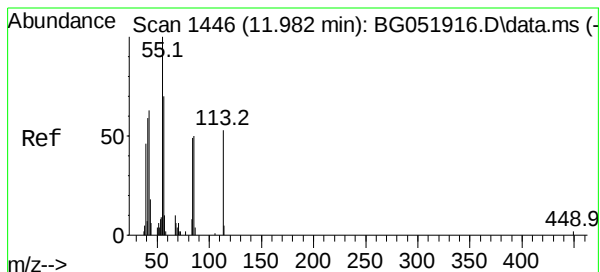
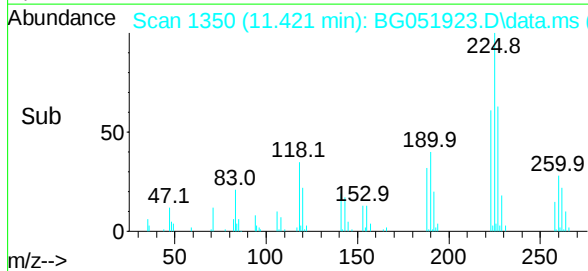
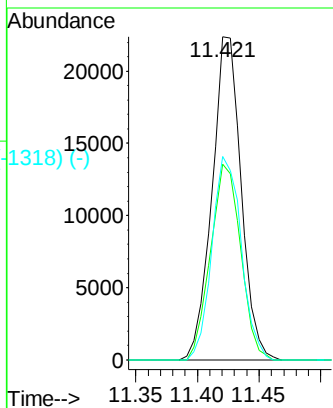
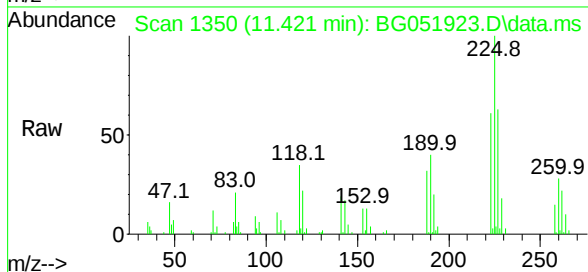
SLCS891

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 60.6  | 50.6  | 75.8  |
| 227     | 62.9  | 49.8  | 74.8  |

Manual Integrations

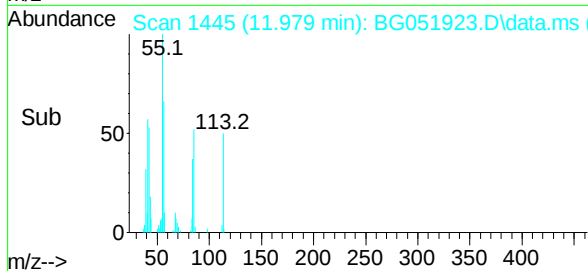
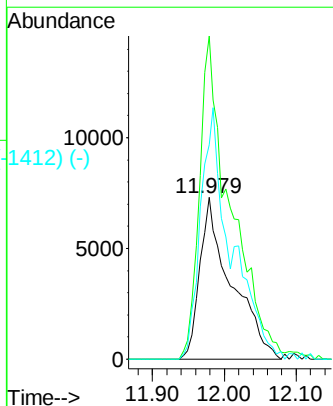
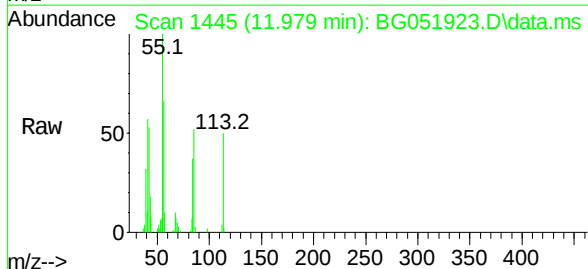
APPROVED

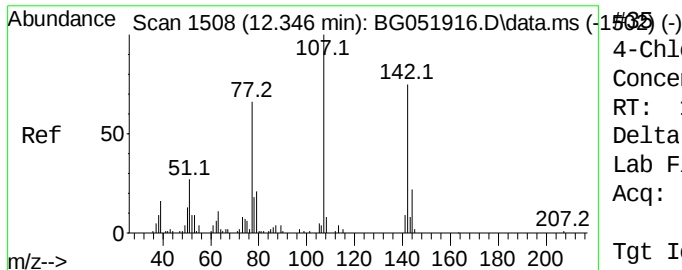
Reviewed By :Jagrut Upadhyay 01/10/2022  
 Supervised By :mohammad ahmed 01/12/2022



Scan 1446 (11.982 min): BG051916.D\data.ms (-1439) (-)  
 Caprolactam  
 Concen: 34.392 ng/ul  
 RT: 11.979 min Scan# 1445  
 Delta R.T. -0.004 min  
 Lab File: BG051923.D  
 Acq: 7 Jan 2022 20:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 199.7 | 147.0 | 220.6 |
| 56      | 132.3 | 109.2 | 163.8 |





4-Chloro-3-methylphenol  
Concen: 32.156 ng/ul  
RT: 12.343 min Scan# 1508  
Delta R.T. -0.004 min  
Lab File: BG051923.D  
Acq: 7 Jan 2022 20:21

Instrument :

BNA\_G

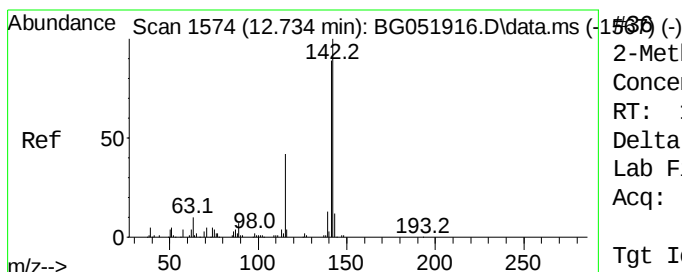
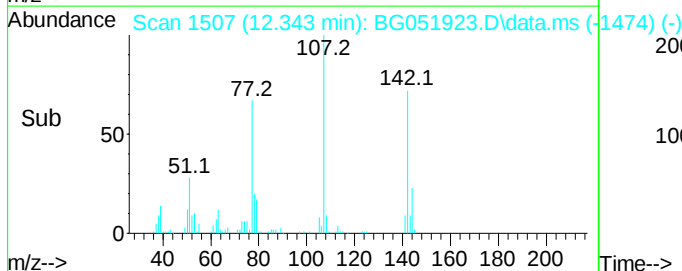
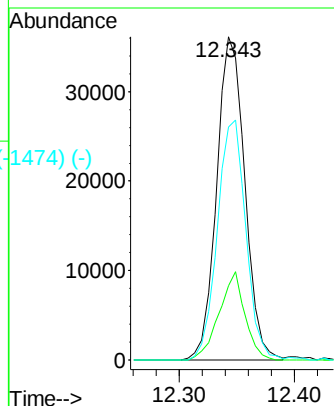
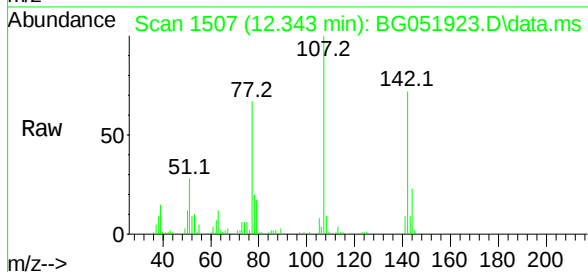
ClientSampleId :  
SLCS891

Tgt Ion:107 Resp: 6159  
Ion Ratio Lower Upper  
107 100  
144 22.9 19.8 29.6  
142 72.2 56.2 84.4

Manual Integrations

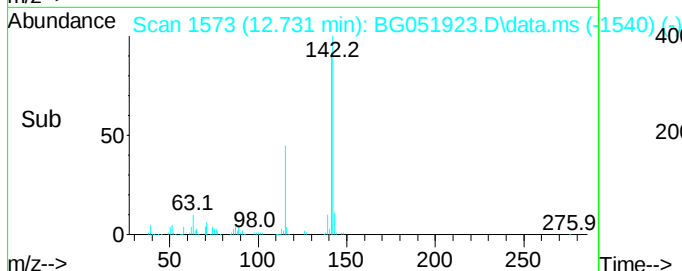
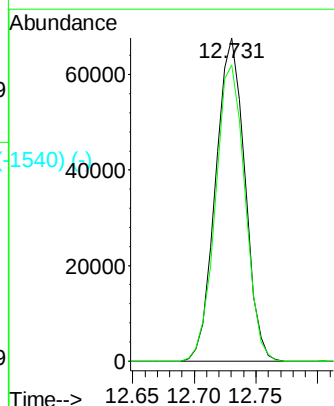
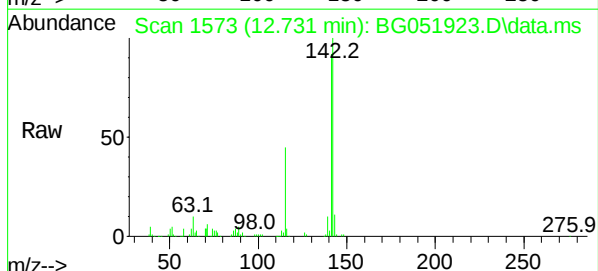
APPROVED

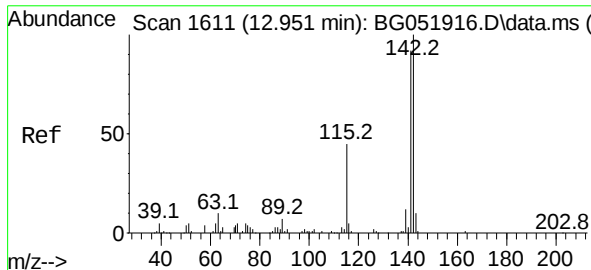
Reviewed By :Jagrut Upadhyay 01/10/2022  
Supervised By :mohammad ahmed 01/12/2022



2-Methylnaphthalene  
Concen: 29.284 ng/ul  
RT: 12.731 min Scan# 1573  
Delta R.T. -0.004 min  
Lab File: BG051923.D  
Acq: 7 Jan 2022 20:21

Tgt Ion:142 Resp: 111785  
Ion Ratio Lower Upper  
142 100  
141 91.7 73.3 109.9





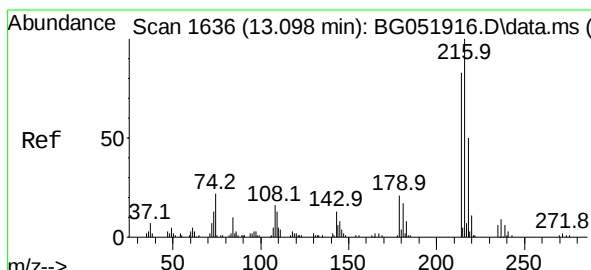
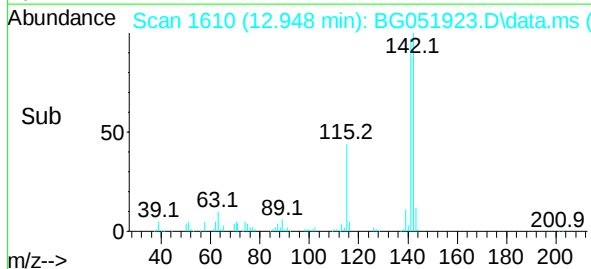
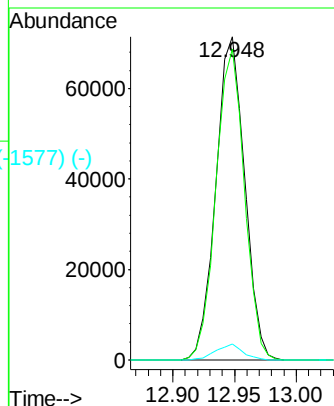
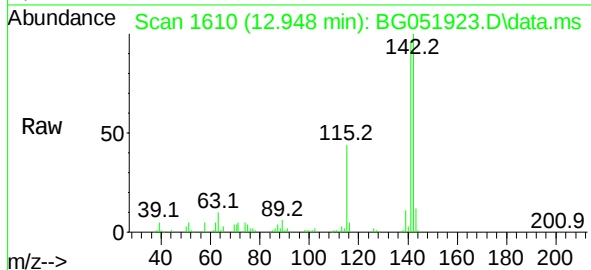
1-Methylnaphthalene  
 Concen: 29.743 ng/ul  
 RT: 12.948 min Scan# 1610  
 Delta R.T. -0.004 min  
 Lab File: BG051923.D  
 Acq: 7 Jan 2022 20:21

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SLCS891

Tgt Ion:142 Resp: 11652  
 Ion Ratio Lower Upper  
 142 100  
 141 96.1 77.8 116.8  
 116 5.0 3.3 4.9

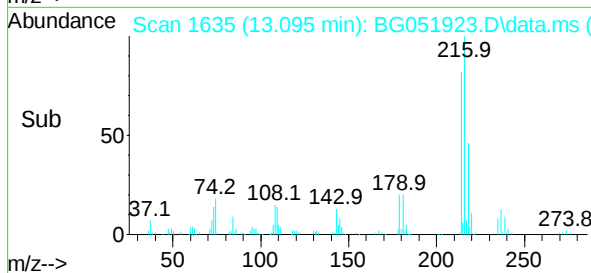
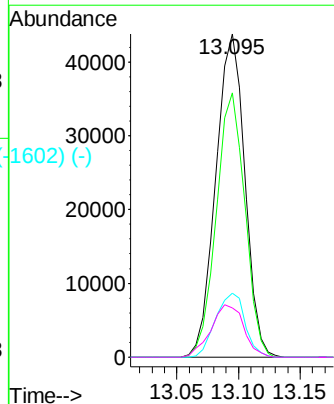
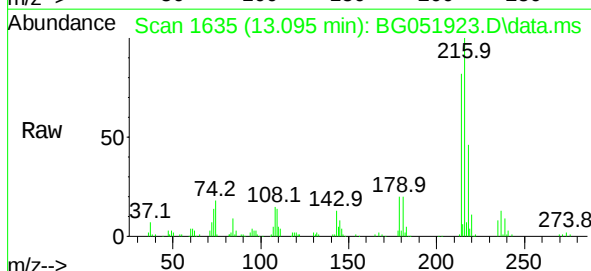
Manual Integrations  
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Reviewed By :Jagrut Upadhyay 01/10/2022  
 Supervised By :mohammad ahmed 01/12/2022



1,2,4,5-Tetrachlorobenzene  
 Concen: 27.948 ng/ul  
 RT: 13.095 min Scan# 1635  
 Delta R.T. -0.004 min  
 Lab File: BG051923.D  
 Acq: 7 Jan 2022 20:21

Tgt Ion:216 Resp: 71975  
 Ion Ratio Lower Upper  
 216 100  
 214 81.8 61.0 91.4  
 179 19.8 16.2 24.2  
 108 15.3 13.1 19.7



Abundance Scan 1633 (13.081 min): BG051916.D\data.ms (-1641) (-)

Hexachlorocyclopentadiene

Concen: 24.201 ng/ul

RT: 13.077 min Scan# 1633

Delta R.T. -0.004 min

Lab File: BG051923.D

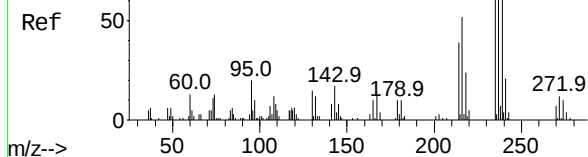
Acq: 7 Jan 2022 20:21

Instrument :

BNA\_G

ClientSampleId :

SLCS891



Tgt Ion:237 Resp: 4276

Ion Ratio Lower Upper

237 100

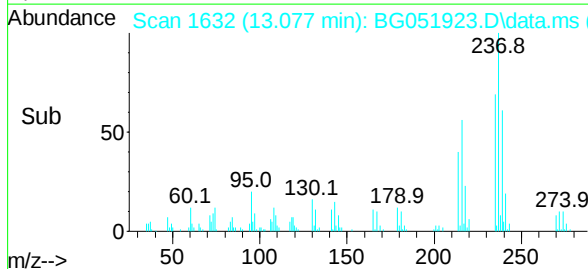
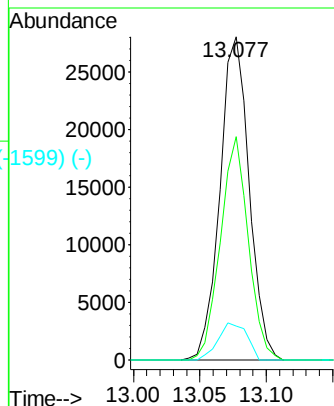
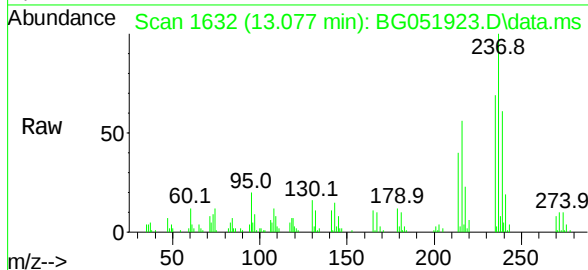
235 69.1 49.4 74.0

272 10.4 11.1 16.7

Manual Integrations

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Abundance Scan 1675 (13.327 min): BG051916.D\data.ms (-1641) (-)

2,4,6-Trichlorophenol

Concen: 30.052 ng/ul

RT: 13.324 min Scan# 1674

Delta R.T. -0.004 min

Lab File: BG051923.D

Acq: 7 Jan 2022 20:21

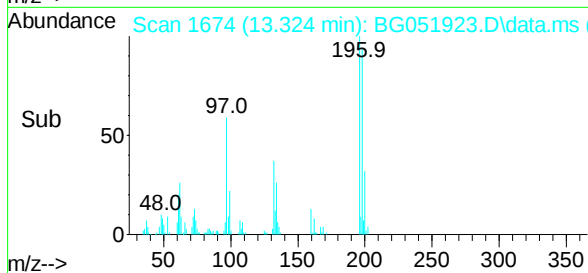
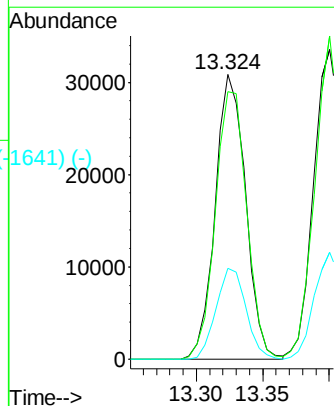
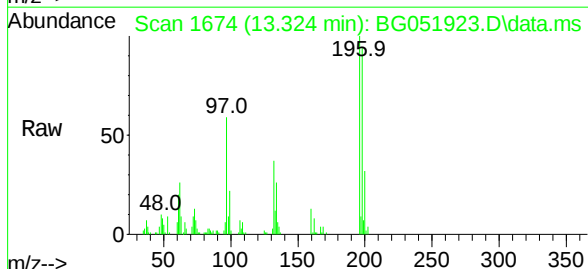
Tgt Ion:196 Resp: 48915

Ion Ratio Lower Upper

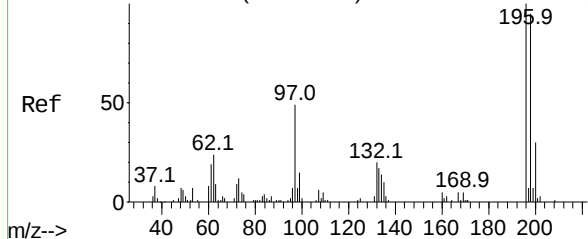
196 100

198 94.0 74.3 111.5

200 31.9 23.8 35.6



Abundance Scan 1688 (13.404 min): BG051916.D\data.ms (-1688) (-)



2,4,5-Trichlorophenol  
Concen: 30.806 ng/u1  
RT: 13.400 min Scan# 1688  
Delta R.T. 0.001 min  
Lab File: BG051923.D  
Acq: 7 Jan 2022 20:21

Instrument :

BNL\_G

ClientSampleId :

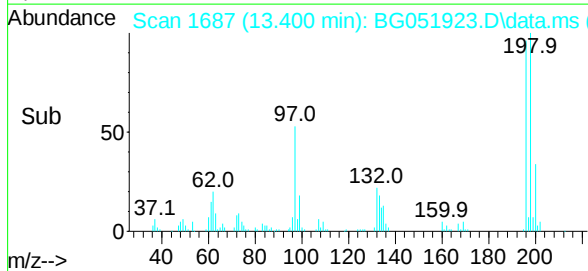
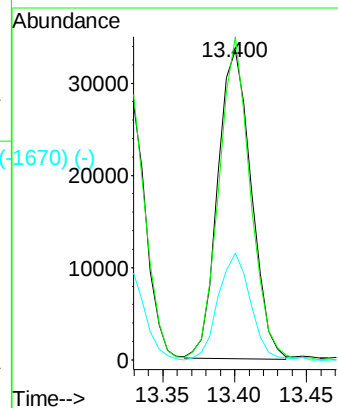
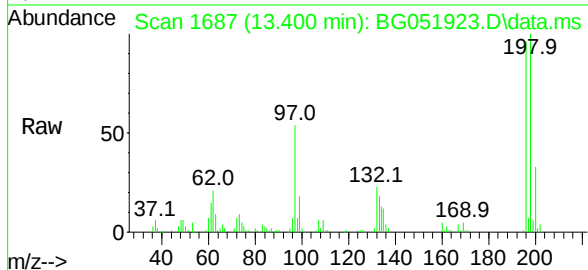
SLCS891

Tgt Ion:196 Resp: 5405  
Ion Ratio Lower Upper  
196 100  
198 104.4 77.0 115.4  
200 34.5 25.4 38.2

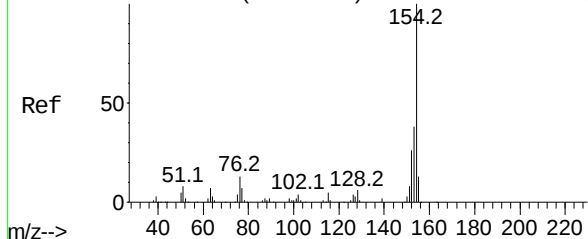
Manual Integrations

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Supervised By :mohammad ahmed 01/12/2022

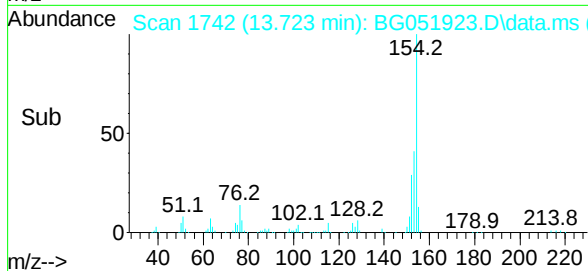
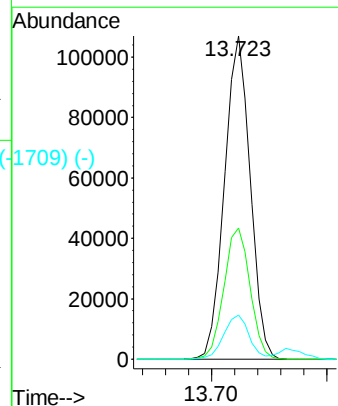
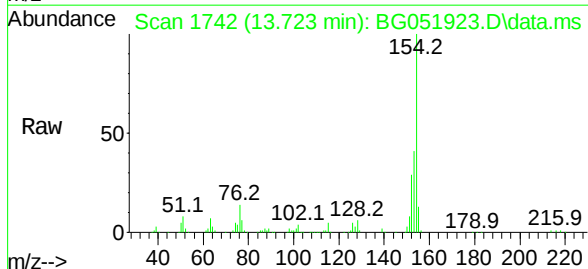


Abundance Scan 1743 (13.727 min): BG051916.D\data.ms (-1743) (-)



1,1'-Biphenyl  
Concen: 28.785 ng/u1  
RT: 13.723 min Scan# 1742  
Delta R.T. -0.004 min  
Lab File: BG051923.D  
Acq: 7 Jan 2022 20:21

Tgt Ion:154 Resp: 165488  
Ion Ratio Lower Upper  
154 100  
153 40.6 34.5 51.7  
76 13.6 13.1 19.7



Abundance Scan 1751 (13.774 min): BG051916.D\data.ms (-1744) (-)

2-Chloronaphthalene

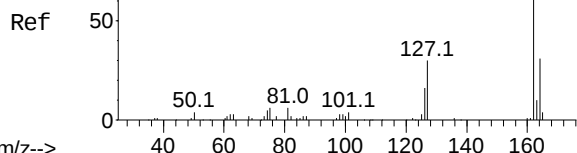
Concen: 28.682 ng/ul

RT: 13.770 min Scan# 1751

Delta R.T. -0.004 min

Lab File: BG051923.D

Acq: 7 Jan 2022 20:21



Instrument :

BNA\_G

ClientSampleId :

SLCS891

Tgt Ion:162 Resp: 12770

Ion Ratio Lower Upper

162 100

164 36.1 26.1 39.1

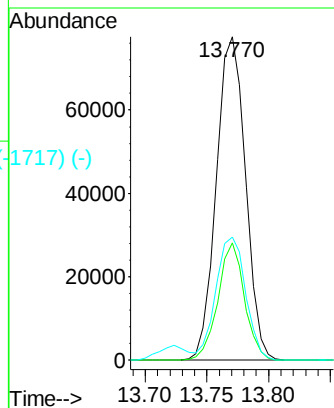
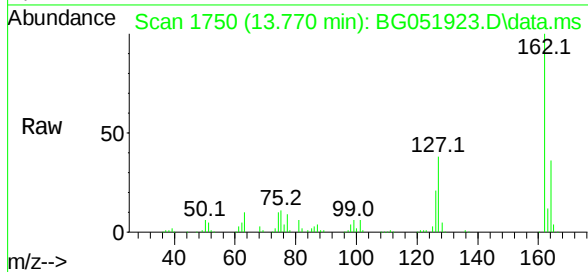
127 37.9 31.0 46.4

Manual Integrations

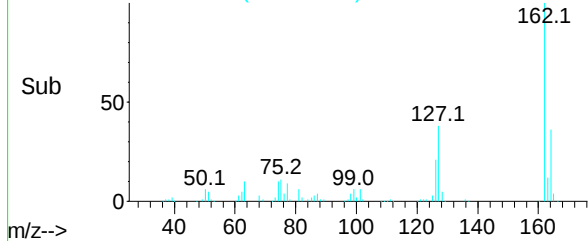
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Supervised By :mohammad ahmed 01/12/2022



Abundance Scan 1750 (13.770 min): BG051923.D\data.ms (-1717) (-)



Abundance Scan 1783 (13.962 min): BG051916.D\data.ms (-1745) (-)

2-Nitroaniline

Concen: 32.442 ng/ul

RT: 13.964 min Scan# 1783

Delta R.T. -0.004 min

Lab File: BG051923.D

Acq: 7 Jan 2022 20:21

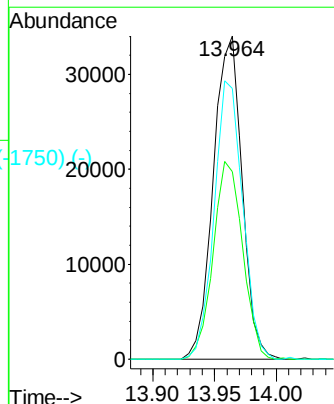
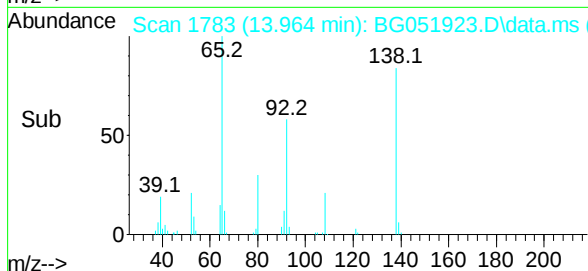
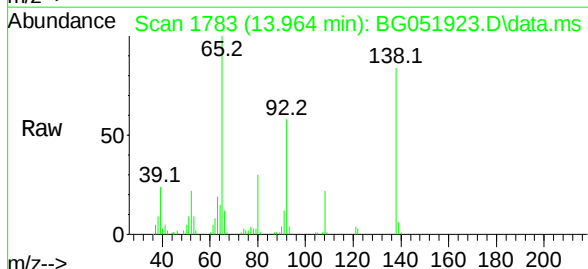
Tgt Ion: 65 Resp: 55359

Ion Ratio Lower Upper

65 100

92 58.1 53.0 79.4

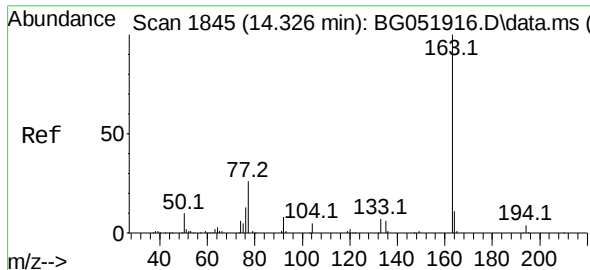
138 83.8 67.4 101.0



Abundance Scan 1783 (13.964 min): BG051923.D\data.ms (-1750) (-)

Sub

m/z-->



Dimethylphthalate

Concen: 30.848 ng/ul

RT: 14.328 min Scan# 1845

Delta R.T. 0.001 min

Lab File: BG051923.D

Acq: 7 Jan 2022 20:21

Instrument :

BNA\_G

ClientSampleId :

SLCS891

Tgt Ion:163 Resp: 18720

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.4

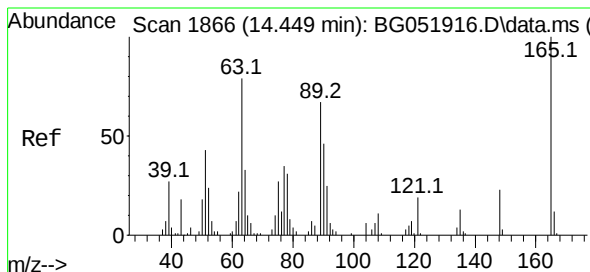
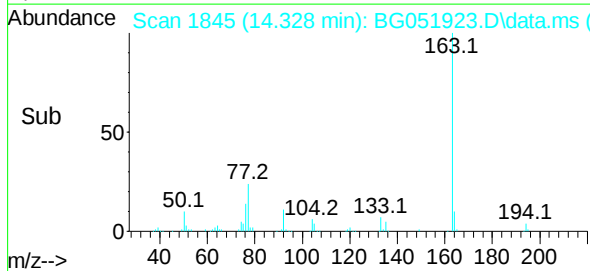
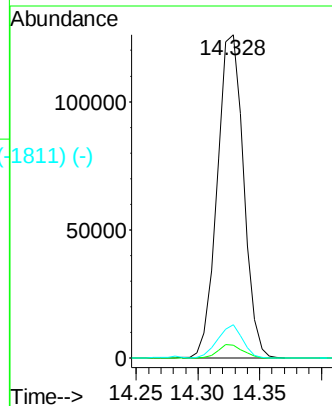
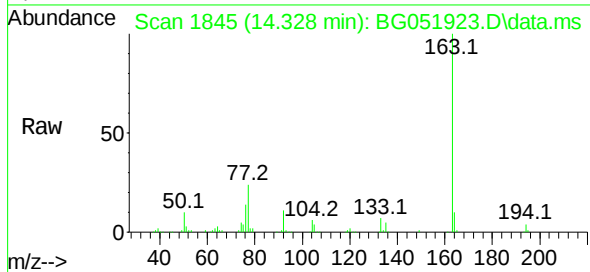
164 10.2 8.2 12.4

Manual Integrations

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2,6-Dinitrotoluene

Concen: 31.237 ng/ul

RT: 14.446 min Scan# 1865

Delta R.T. -0.004 min

Lab File: BG051923.D

Acq: 7 Jan 2022 20:21

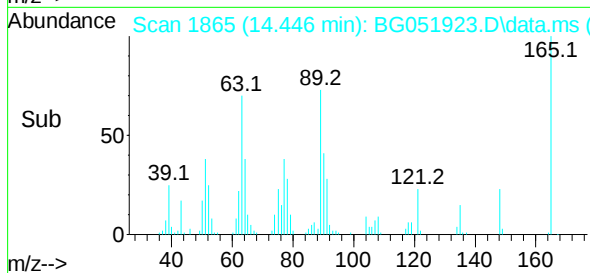
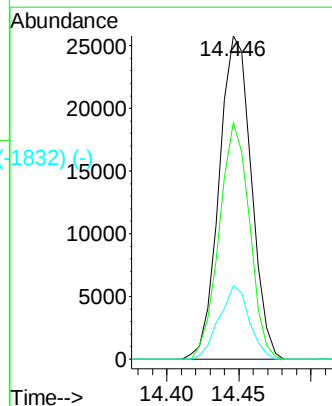
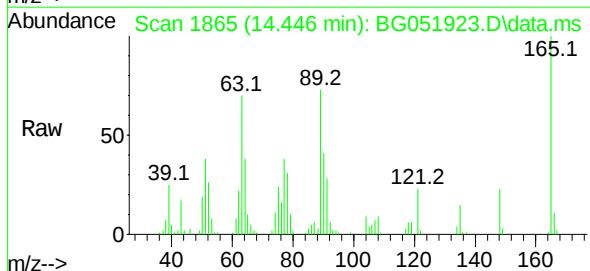
Tgt Ion:165 Resp: 39976

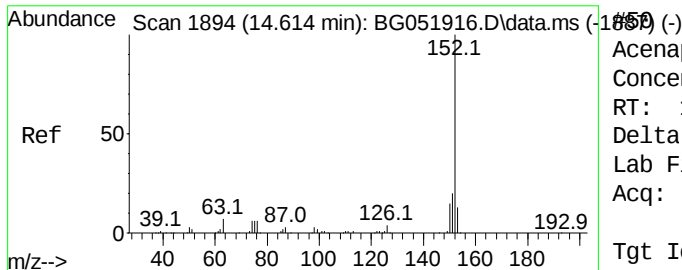
Ion Ratio Lower Upper

165 100

89 73.3 57.4 86.0

121 22.7 18.8 28.2





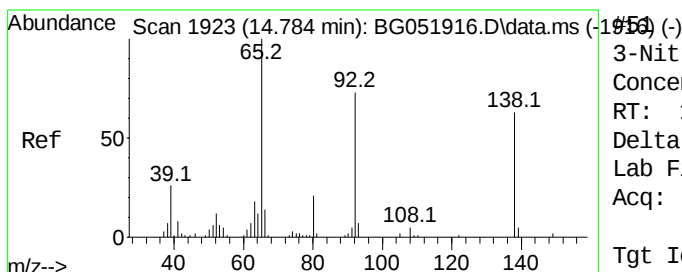
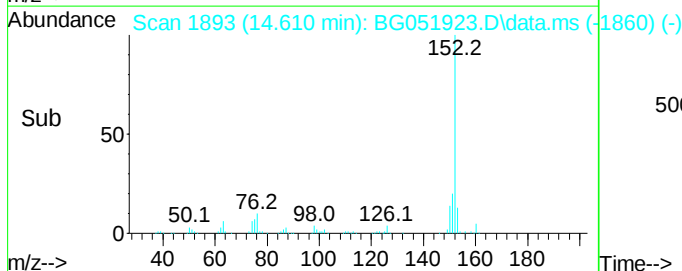
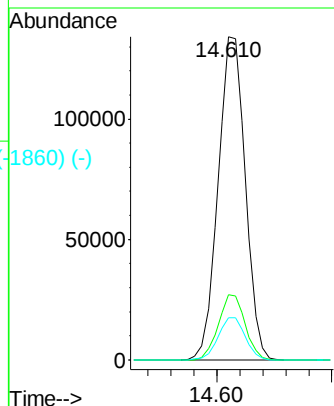
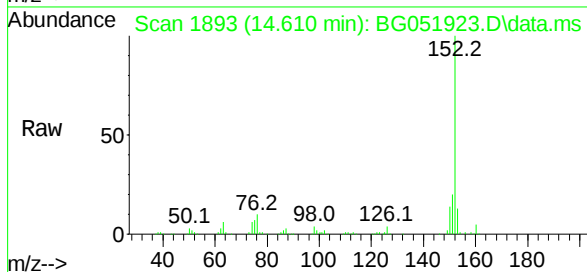
Acenaphthylene  
Concen: 30.033 ng/ul  
RT: 14.610 min Scan# 1893  
Delta R.T. -0.004 min  
Lab File: BG051923.D  
Acq: 7 Jan 2022 20:21

Instrument :  
BNA\_G  
ClientSampleId :  
SLCS891

Tgt Ion:152 Resp: 21990  
Ion Ratio Lower Upper  
152 100  
151 20.3 17.4 26.0  
153 13.1 10.3 15.9

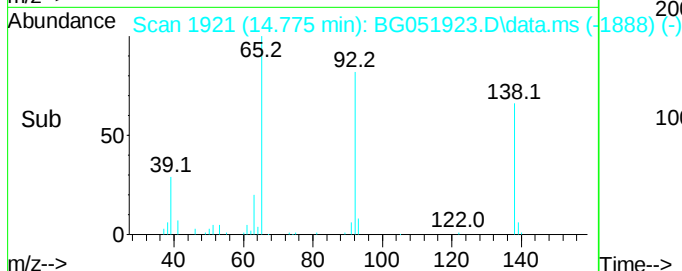
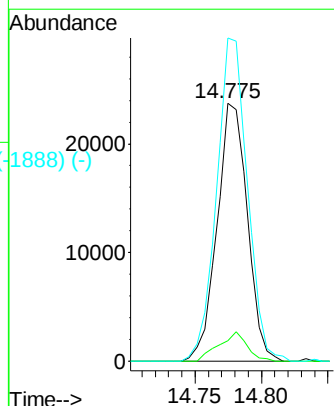
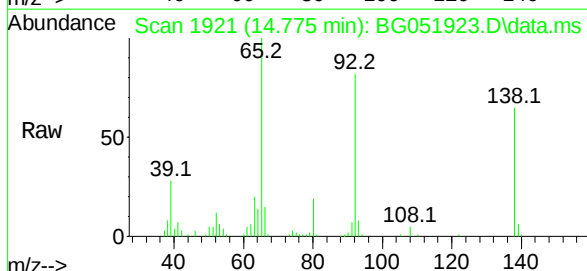
Manual Integrations  
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Supervised By :mohammad ahmed 01/12/2022

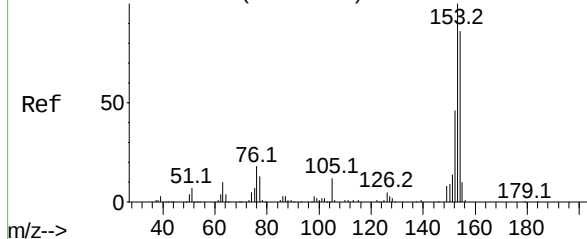


3-Nitroaniline  
Concen: 32.418 ng/ul  
RT: 14.775 min Scan# 1921  
Delta R.T. -0.004 min  
Lab File: BG051923.D  
Acq: 7 Jan 2022 20:21

Tgt Ion:138 Resp: 37528  
Ion Ratio Lower Upper  
138 100  
108 7.9 8.8 13.2#  
92 125.3 98.0 147.0



Abundance Scan 1952 (14.954 min): BG051916.D\data.ms (-1952) (-)



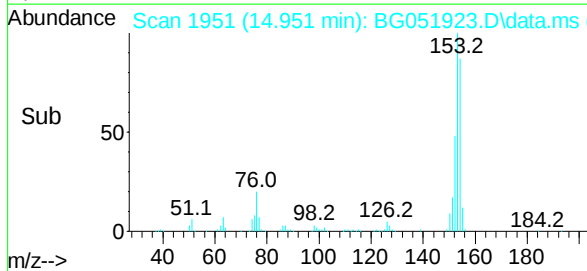
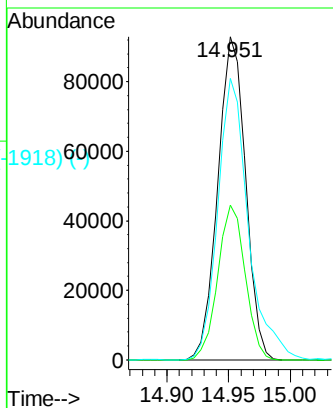
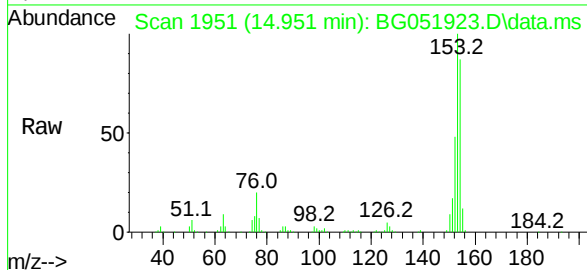
Acenaphthene  
Concen: 30.007 ng/ul  
RT: 14.951 min Scan# 1951  
Delta R.T. -0.004 min  
Lab File: BG051923.D  
Acq: 7 Jan 2022 20:21

Instrument :  
BNA\_G  
ClientSampleId :  
SLCS891

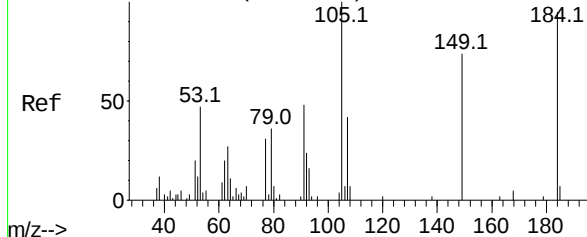
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 153     | 100   |       |       |
| 152     | 47.9  | 36.5  | 54.7  |
| 154     | 87.1  | 65.8  | 98.6  |

Manual Integrations  
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Supervised By :mohammad ahmed 01/12/2022

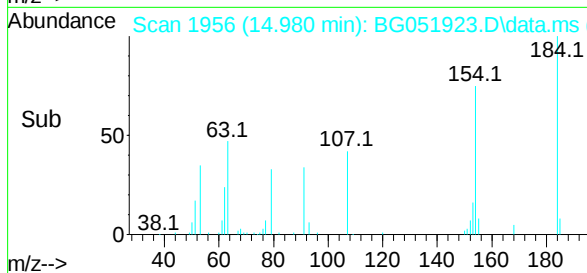
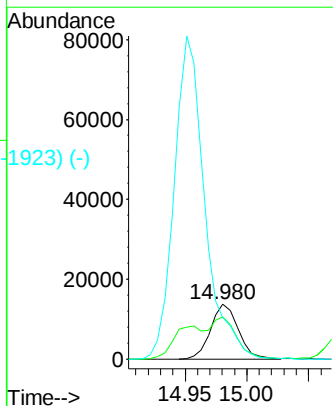
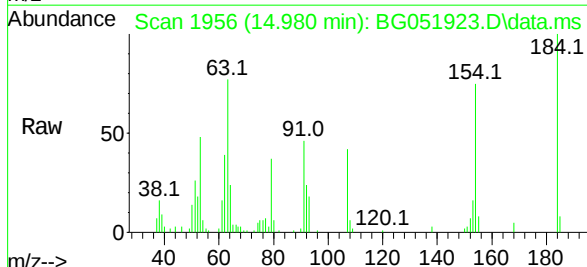


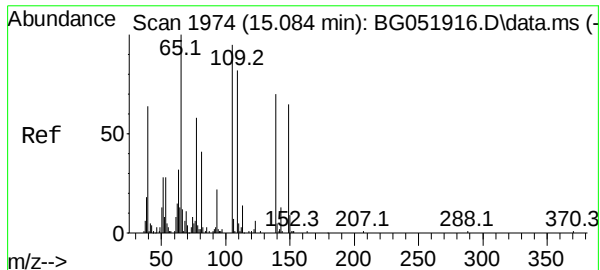
Abundance Scan 1957 (14.984 min): BG051916.D\data.ms (-1953) (-)



2,4-Dinitrophenol  
Concen: 28.564 ng/ul  
RT: 14.980 min Scan# 1956  
Delta R.T. -0.004 min  
Lab File: BG051923.D  
Acq: 7 Jan 2022 20:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 76.7  | 66.2  | 99.2  |
| 154     | 75.2  | 53.6  | 80.4  |





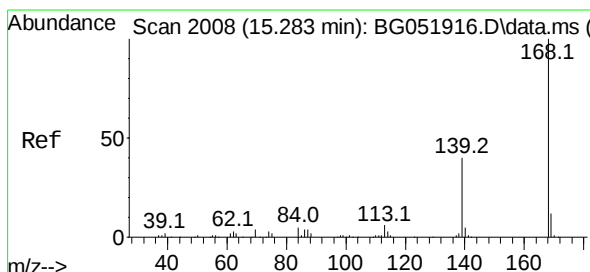
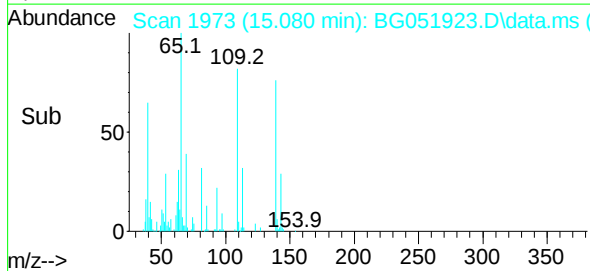
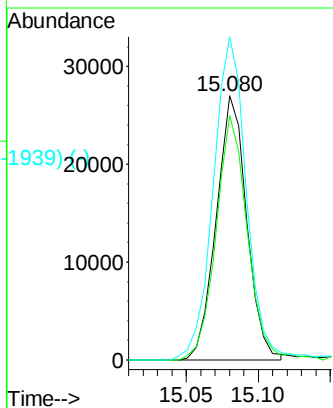
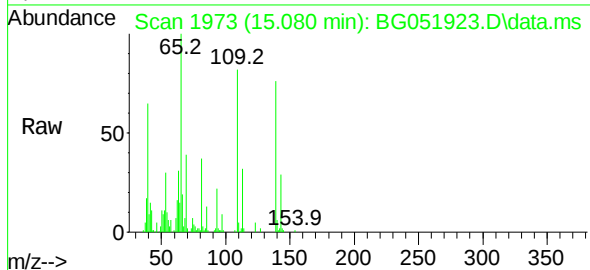
4-Nitrophenol  
Concen: 33.450 ng/ul  
RT: 15.080 min Scan# 1974  
Delta R.T. 0.001 min  
Lab File: BG051923.D  
Acq: 7 Jan 2022 20:21

Instrument :  
BNA\_G  
Client Sample Id :  
SLCS891

Tgt Ion:109 Resp: 3950  
Ion Ratio Lower Upper  
109 100  
139 92.4 88.7 133.1  
65 122.2 113.6 170.4

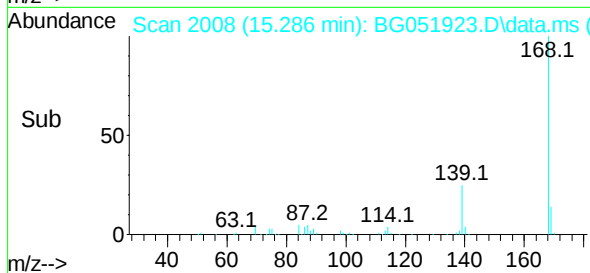
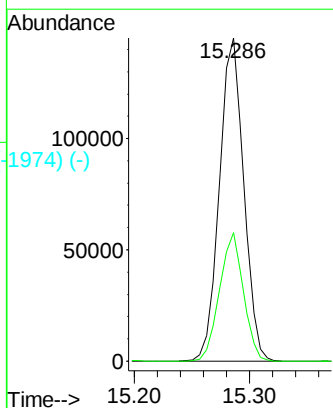
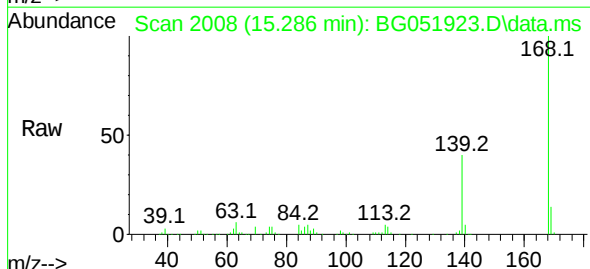
Manual Integrations  
APPROVED

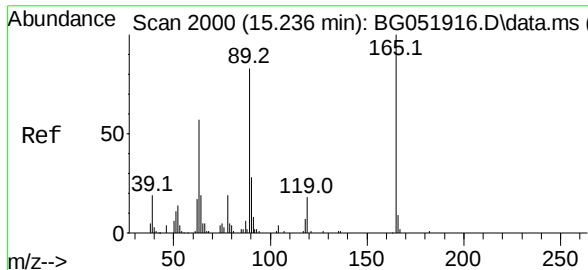
Reviewed By :Jagrut Upadhyay 01/10/2022  
Supervised By :mohammad ahmed 01/12/2022



Dibenzofuran  
Concen: 30.167 ng/ul  
RT: 15.286 min Scan# 2008  
Delta R.T. 0.001 min  
Lab File: BG051923.D  
Acq: 7 Jan 2022 20:21

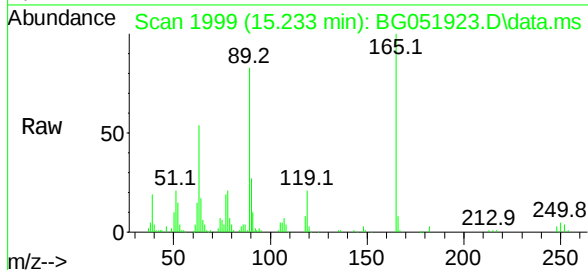
Tgt Ion:168 Resp: 213299  
Ion Ratio Lower Upper  
168 100  
139 39.8 31.2 46.8





2,4-Dinitrotoluene  
Concen: 33.473 ng/u1  
RT: 15.233 min Scan# 1999  
Delta R.T. 0.001 min  
Lab File: BG051923.D  
Acq: 7 Jan 2022 20:21

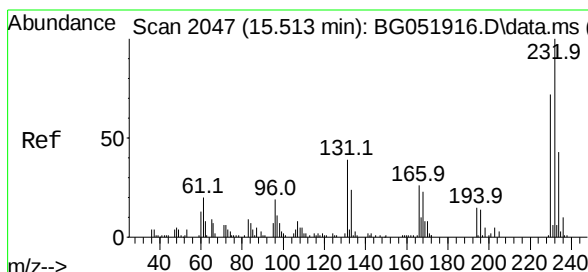
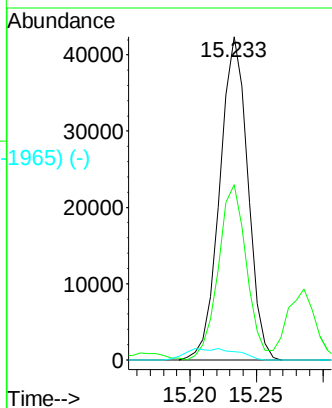
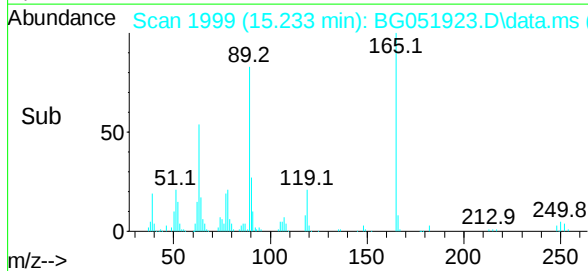
Instrument :  
BNA\_G  
ClientSampleId :  
SLCS891



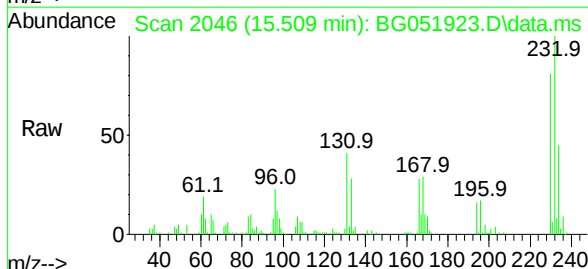
Tgt Ion:165 Resp: 6193  
Ion Ratio Lower Upper  
165 100  
63 54.2 42.1 63.3  
182 2.5 1.8 2.8

Manual Integrations  
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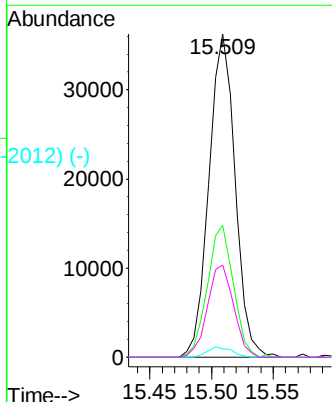
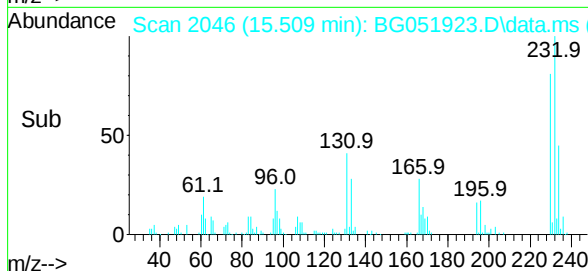
Reviewed By :Jagrut Upadhyay 01/10/2022  
Supervised By :mohammad ahmed 01/12/2022



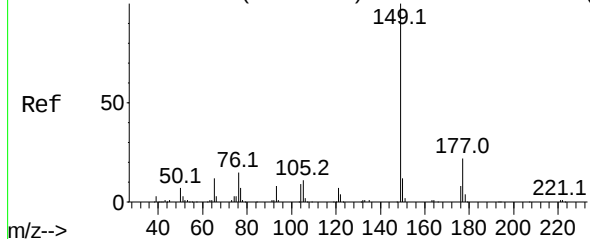
2,3,4,6-Tetrachlorophenol  
Concen: 32.951 ng/u1  
RT: 15.509 min Scan# 2046  
Delta R.T. 0.001 min  
Lab File: BG051923.D  
Acq: 7 Jan 2022 20:21



Tgt Ion:232 Resp: 53629  
Ion Ratio Lower Upper  
232 100  
131 40.8 38.9 58.3  
130 2.5 2.4 3.6  
166 28.4 25.8 38.8



Abundance Scan 2076 (15.683 min): BG051916.D\data.ms (-2076) (-)



Diethylphthalate  
Concen: 31.634 ng/ul  
RT: 15.685 min Scan# 2118  
Delta R.T. 0.001 min  
Lab File: BG051923.D  
Acq: 7 Jan 2022 20:21

Instrument :

BNA\_G

ClientSampleId :

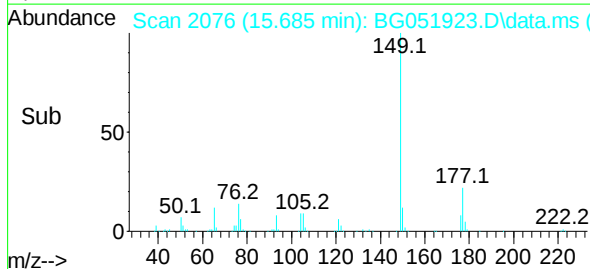
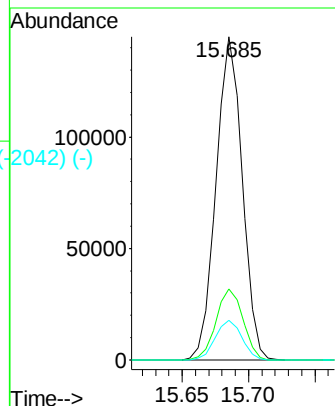
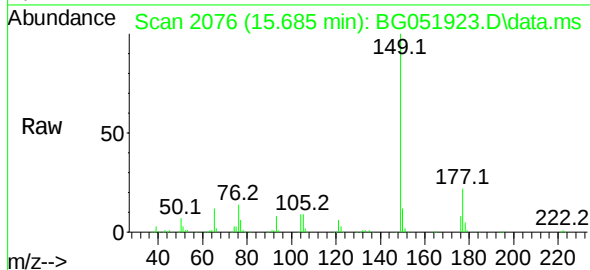
SLCS891

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 22.0  | 16.8  | 25.2  |
| 150     | 12.3  | 10.1  | 15.1  |

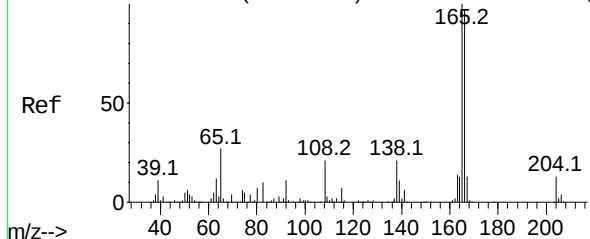
Manual Integrations

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Reviewed By :Jagrut Upadhyay 01/10/2022  
Supervised By :mohammad ahmed 01/12/2022

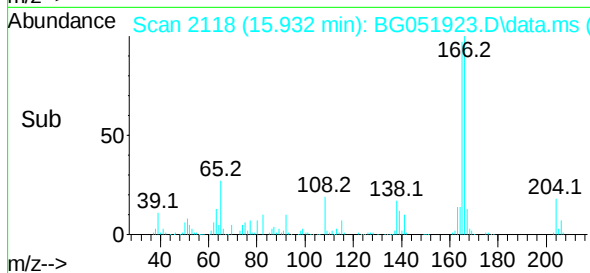
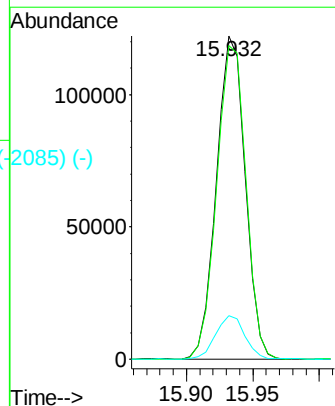
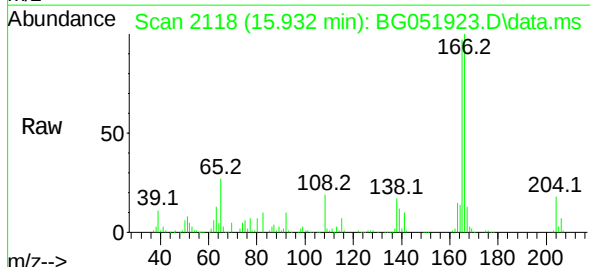


Abundance Scan 2119 (15.935 min): BG051916.D\data.ms (-2119) (-)



Fluorene  
Concen: 31.134 ng/ul  
RT: 15.932 min Scan# 2118  
Delta R.T. -0.004 min  
Lab File: BG051923.D  
Acq: 7 Jan 2022 20:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 97.0  | 81.0  | 121.6 |
| 167     | 13.4  | 11.0  | 16.4  |



Abundance Scan 2117 (15.924 min): BG051916.D\data.ms (-2160) (-)

4-Chlorophenyl-phenylether

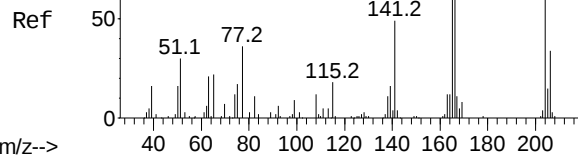
Concen: 30.285 ng/ul

RT: 15.920 min Scan# 2117

Delta R.T. 0.001 min

Lab File: BG051923.D

Acq: 7 Jan 2022 20:21



Instrument :

BNA\_G

ClientSampleId :

SLCS891

Tgt Ion:204 Resp: 9902

Ion Ratio Lower Upper

204 100

206 33.8 27.4 41.2

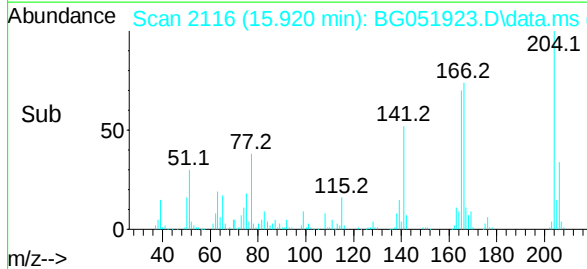
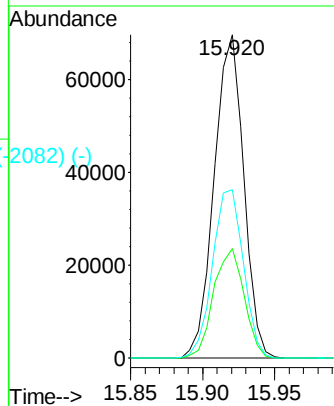
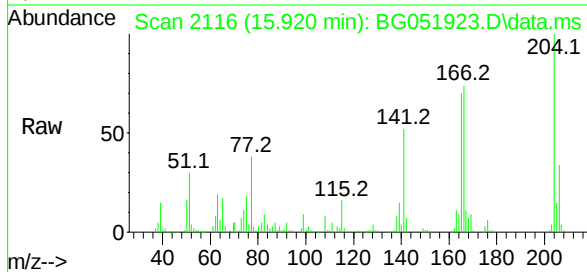
141 52.1 48.6 73.0

Manual Integrations

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Abundance Scan 2119 (15.935 min): BG051916.D\data.ms (-2160) (-)

4-Nitroaniline

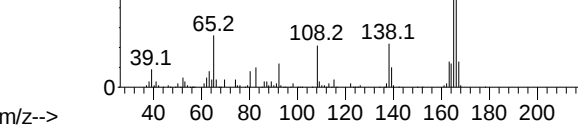
Concen: 36.427 ng/ul

RT: 15.938 min Scan# 2119

Delta R.T. 0.001 min

Lab File: BG051923.D

Acq: 7 Jan 2022 20:21



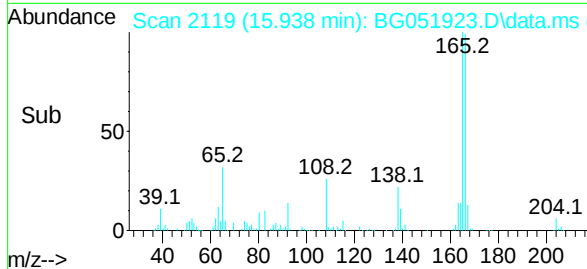
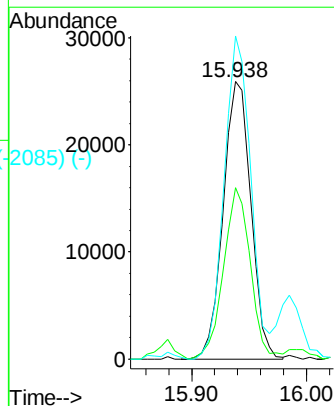
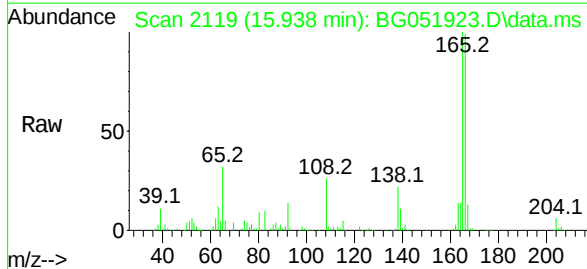
Tgt Ion:138 Resp: 43326

Ion Ratio Lower Upper

138 100

92 61.7 49.3 73.9

108 116.4 72.6 108.8#



Abundance Scan 2130 (16.000 min): BG051916.D\data.ms (-2130) (-)

4,6-Dinitro-2-methylphenol

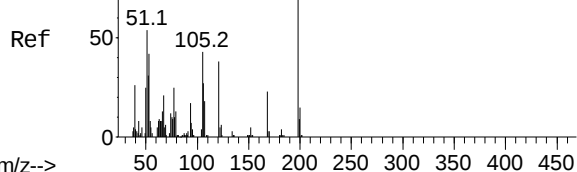
Concen: 29.144 ng/u1

RT: 16.003 min Scan# 2130

Delta R.T. 0.001 min

Lab File: BG051923.D

Acq: 7 Jan 2022 20:21



Instrument :

BNA\_G

ClientSampleId :

SLCS891

Tgt Ion:198 Resp: 3577

Ion Ratio Lower Upper

198 100

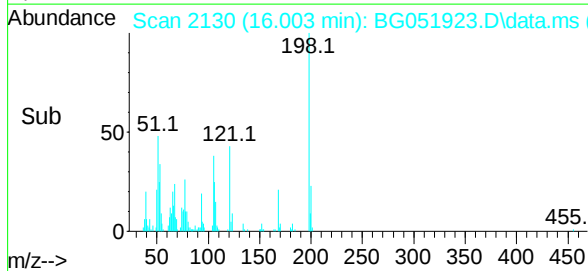
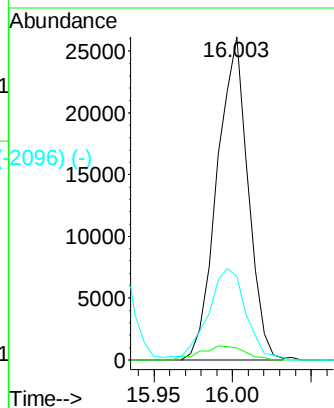
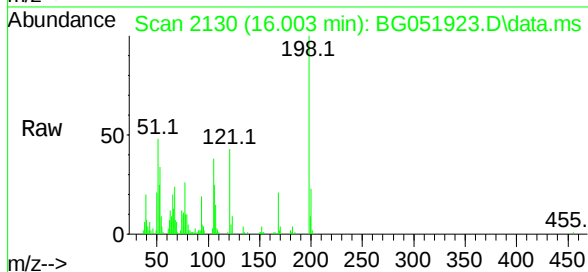
182 3.7 3.8 5.8

77 26.0 23.2 34.8

Manual Integrations

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Supervised By :mohammad ahmed 01/12/2022



Abundance Scan 2152 (16.129 min): BG051916.D\data.ms (-2152) (-)

N-Nitrosodiphenylamine

Concen: 30.591 ng/u1

RT: 16.132 min Scan# 2152

Delta R.T. 0.001 min

Lab File: BG051923.D

Acq: 7 Jan 2022 20:21

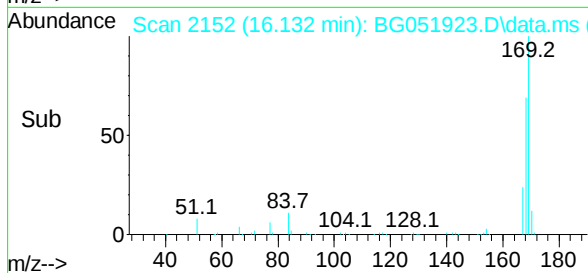
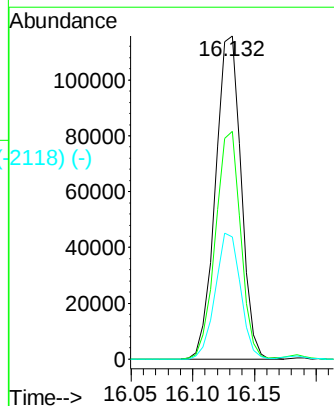
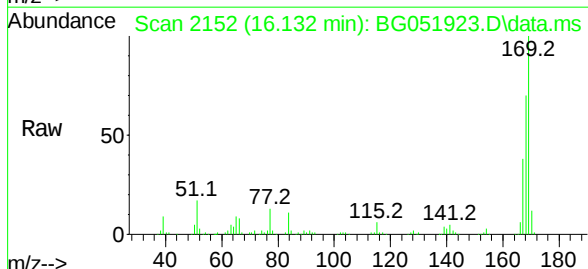
Tgt Ion:169 Resp: 167290

Ion Ratio Lower Upper

169 100

168 70.4 58.5 87.7

167 37.7 31.3 46.9



Abundance Scan 2269 (16.817 min): BG051916.D\data.ms (-2269) (-)

4-Bromophenyl-phenylether

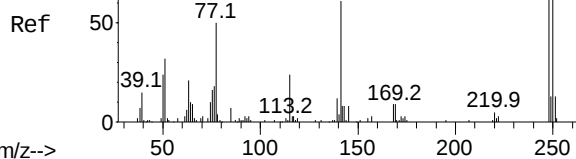
Concen: 29.421 ng/ul

RT: 16.813 min Scan# 2269

Delta R.T. -0.004 min

Lab File: BG051923.D

Acq: 7 Jan 2022 20:21



Instrument :

BNA\_G

ClientSampleId :

SLCS891

Tgt Ion:248 Resp: 7009

Ion Ratio Lower Upper

248 100

250 95.1 75.5 113.3

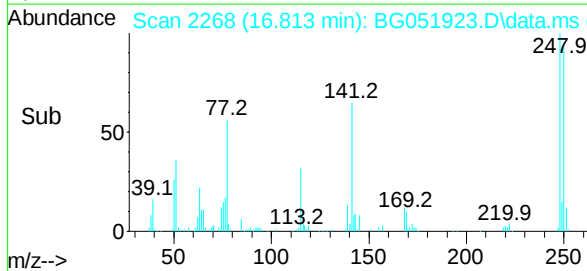
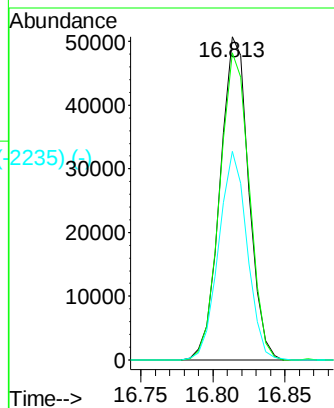
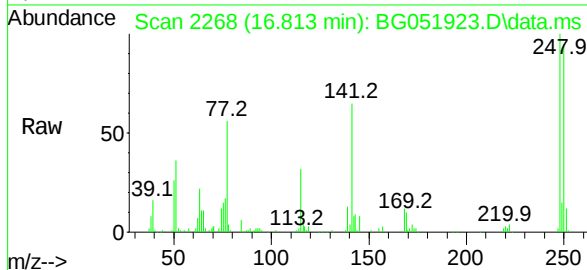
141 64.5 67.6 101.4

Manual Integrations

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Abundance Scan 2291 (16.946 min): BG051916.D\data.ms (-2291) (-)

Hexachlorobenzene

Concen: 29.651 ng/ul

RT: 16.942 min Scan# 2290

Delta R.T. -0.004 min

Lab File: BG051923.D

Acq: 7 Jan 2022 20:21

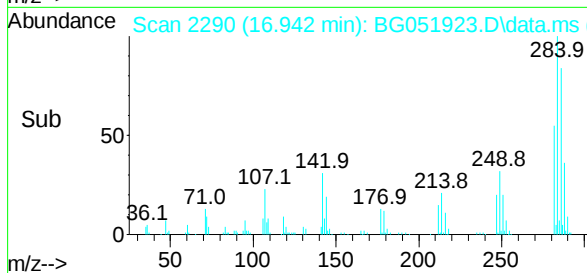
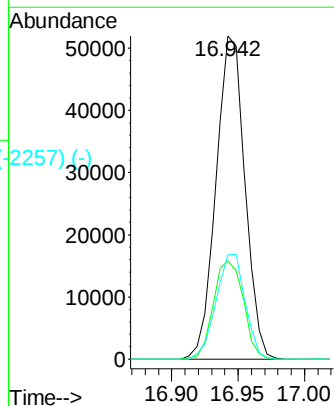
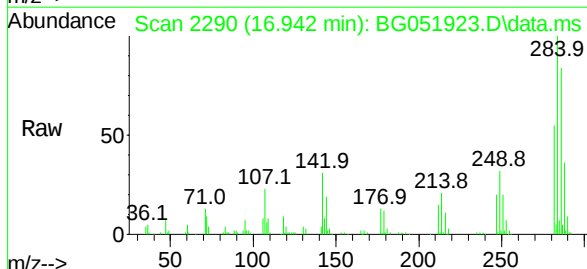
Tgt Ion:284 Resp: 78350

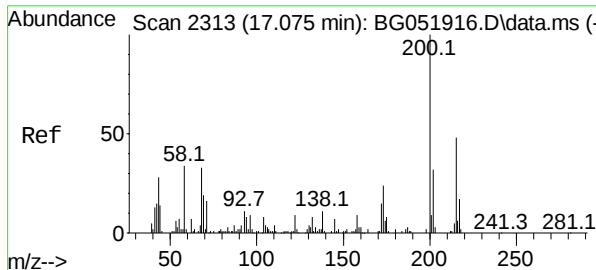
Ion Ratio Lower Upper

284 100

142 30.6 31.9 47.9#

249 32.2 25.8 38.6





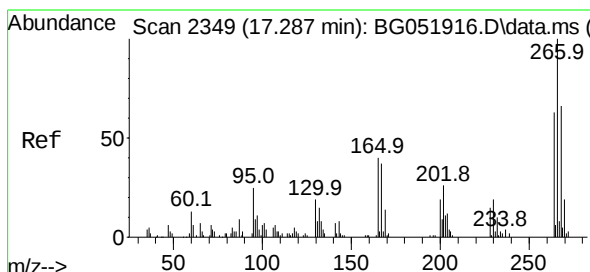
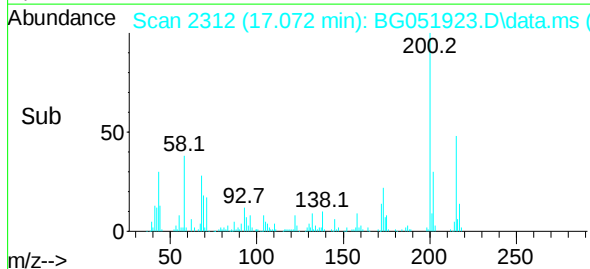
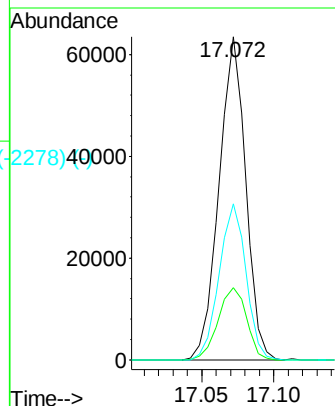
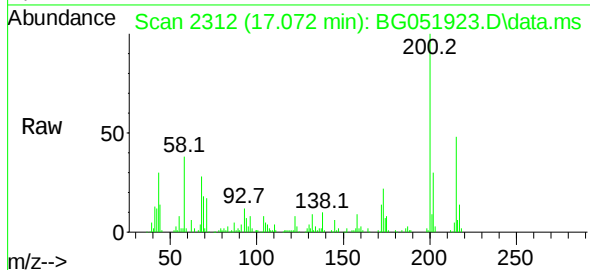
Atrazine  
Concen: 32.127 ng/ul  
RT: 17.072 min Scan# 2312  
Delta R.T. 0.001 min  
Lab File: BG051923.D  
Acq: 7 Jan 2022 20:21

Instrument :  
BNA\_G  
ClientSampleId :  
SLCS891

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 22.4  | 20.2  | 30.2  |
| 215     | 48.2  | 38.1  | 57.1  |

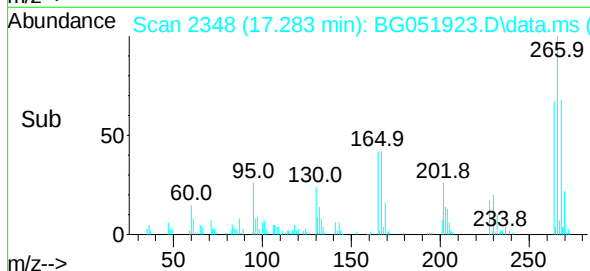
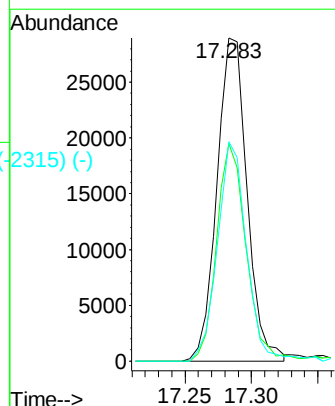
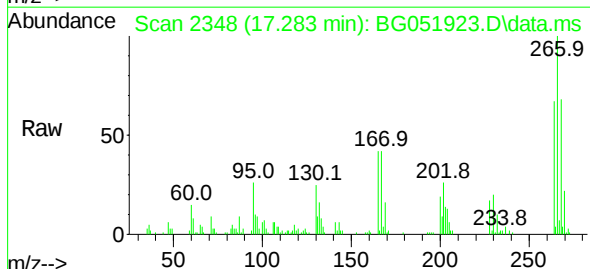
Manual Integrations  
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Supervised By :mohammad ahmed 01/12/2022

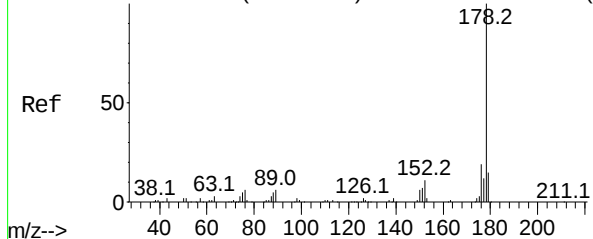


Pentachlorophenol  
Concen: 30.793 ng/ul  
RT: 17.283 min Scan# 2348  
Delta R.T. -0.004 min  
Lab File: BG051923.D  
Acq: 7 Jan 2022 20:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 264     | 67.4  | 54.3  | 81.5  |
| 268     | 67.9  | 51.0  | 76.6  |



Abundance Scan 2416 (17.680 min): BG051916.D\data.ms (-2479) (-)



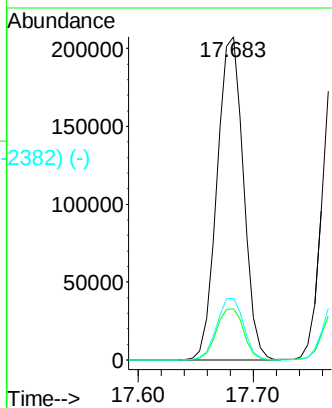
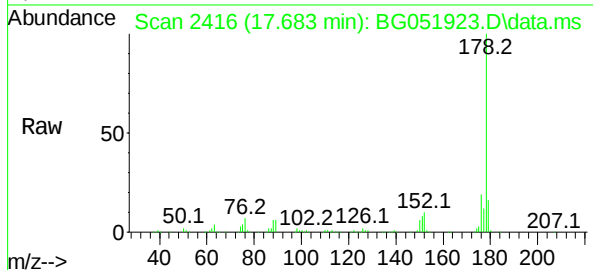
Phenanthrene  
Concen: 31.040 ng/ul  
RT: 17.683 min Scan# 2416  
Delta R.T. 0.001 min  
Lab File: BG051923.D  
Acq: 7 Jan 2022 20:21

Instrument :  
BNA\_G  
Client SampleId :  
SLCS891

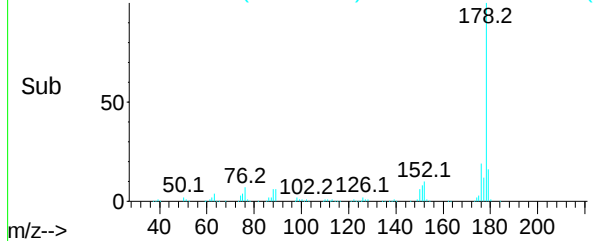
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 179     | 15.7  | 12.3  | 18.5  |
| 176     | 19.1  | 15.5  | 23.3  |

Manual Integrations  
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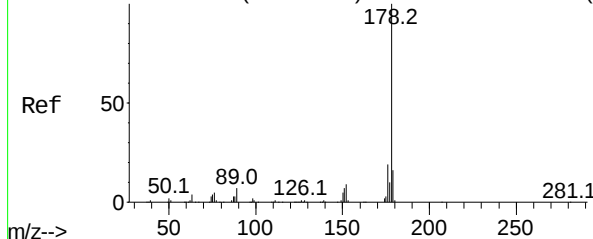
Reviewed By :Jagrut Upadhyay 01/10/2022  
Supervised By :mohammad ahmed 01/12/2022



Abundance Scan 2416 (17.683 min): BG051923.D\data.ms (-2382) (-)

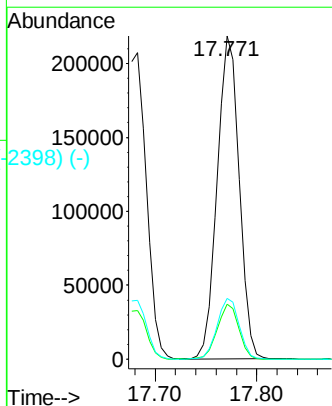
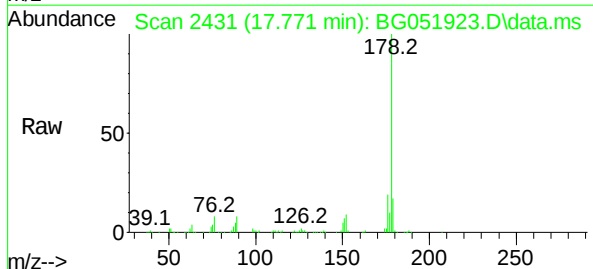


Abundance Scan 2432 (17.774 min): BG051916.D\data.ms (-2479) (-)

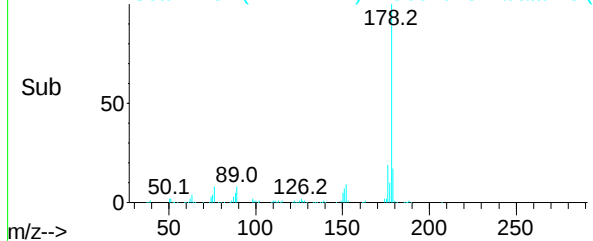


Anthracene  
Concen: 30.749 ng/ul  
RT: 17.771 min Scan# 2431  
Delta R.T. -0.004 min  
Lab File: BG051923.D  
Acq: 7 Jan 2022 20:21

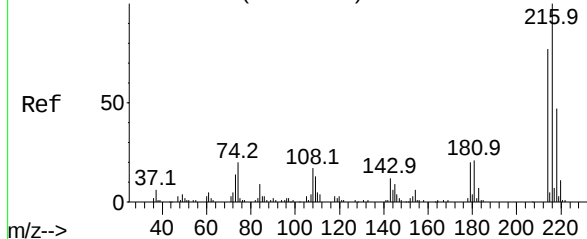
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 179     | 17.0  | 13.0  | 19.6  |
| 176     | 18.7  | 15.6  | 23.4  |



Abundance Scan 2431 (17.771 min): BG051923.D\data.ms (-2398) (-)



Abundance Scan 1738 (13.697 min): BG051916.D\data.ms (-1735) (-)



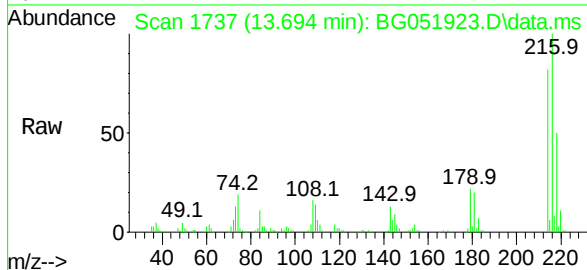
1,2,3,4-Tetrachlorobenzene  
Concen: 24.804 ng/uL  
RT: 13.694 min Scan# 1735  
Delta R.T. -0.004 min  
Lab File: BG051923.D  
Acq: 7 Jan 2022 20:21

Instrument :

BNA\_G

ClientSampleId :

SLCS891

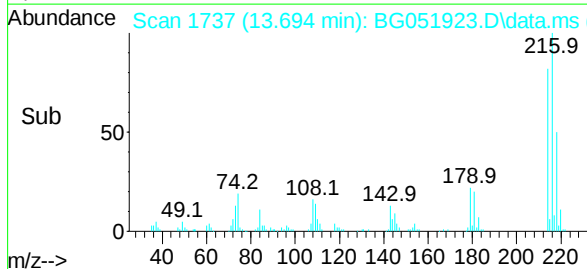
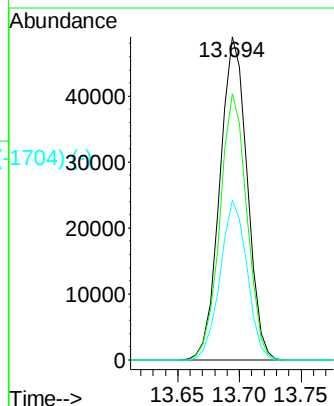


|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 216   | Resp: | 758  |
| Ion Ratio | Lower | Upper |      |
| 216       | 100   |       |      |
| 214       | 82.4  | 61.3  | 91.9 |
| 218       | 49.6  | 37.0  | 55.6 |

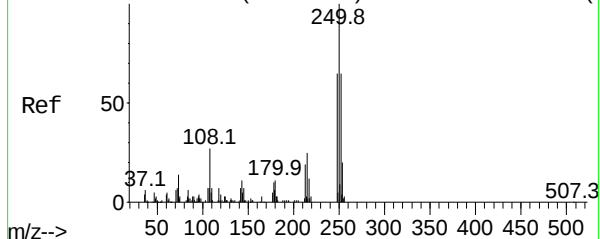
Manual Integrations

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Reviewed By :Jagrut Upadhyay 01/10/2022  
Supervised By :mohammad ahmed 01/12/2022

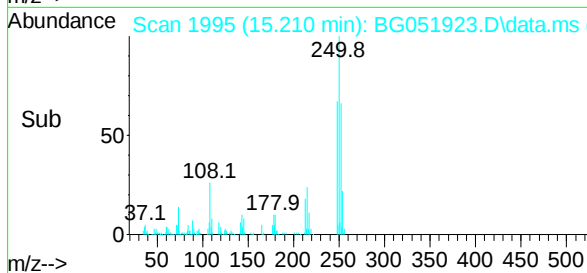
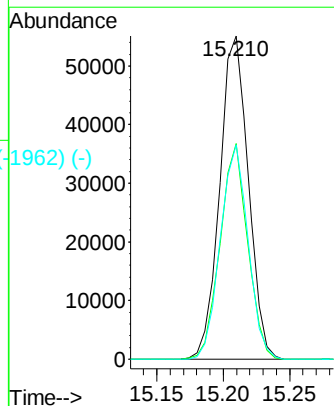
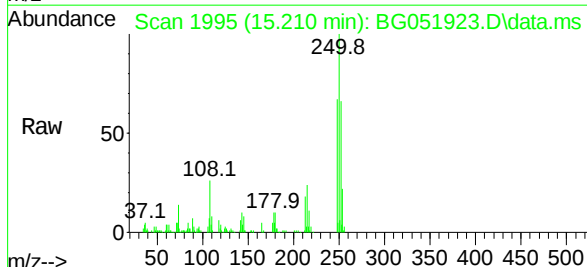


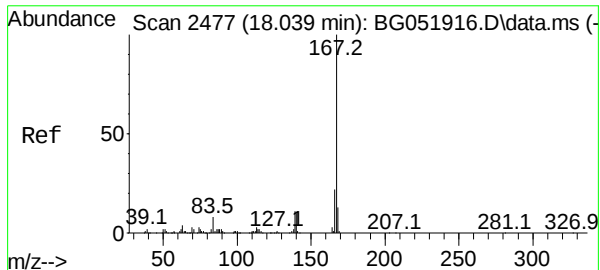
Abundance Scan 1995 (15.207 min): BG051916.D\data.ms (-1979) (-)



Pentachlorobenzene  
Concen: 27.577 ng/uL  
RT: 15.210 min Scan# 1995  
Delta R.T. -0.004 min  
Lab File: BG051923.D  
Acq: 7 Jan 2022 20:21

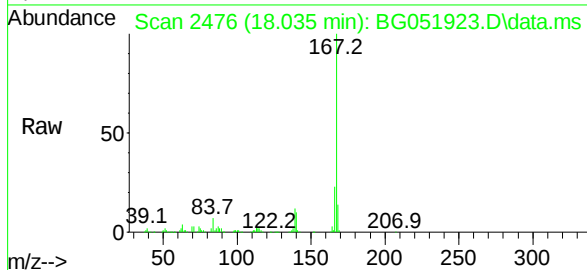
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 250   | Resp: | 82037 |
| Ion Ratio | Lower | Upper |       |
| 250       | 100   |       |       |
| 248       | 66.7  | 50.5  | 75.7  |
| 252       | 66.3  | 51.2  | 76.8  |





Carbazole  
Concen: 33.277 ng/ul  
RT: 18.035 min Scan# 2477  
Delta R.T. 0.001 min  
Lab File: BG051923.D  
Acq: 7 Jan 2022 20:21

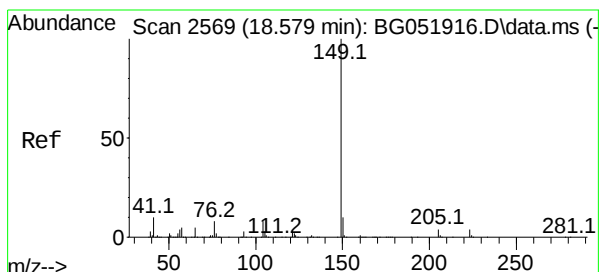
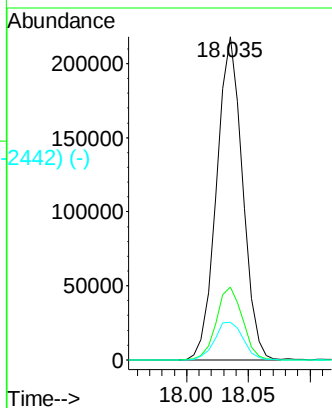
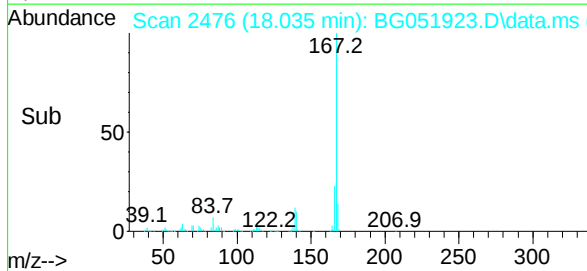
Instrument :  
BNA\_G  
ClientSampleId :  
SLCS891



Tgt Ion:167 Resp: 32007  
Ion Ratio Lower Upper  
167 100  
166 22.5 17.3 25.9  
139 11.6 10.6 16.0

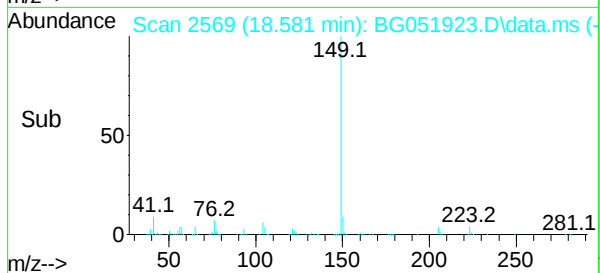
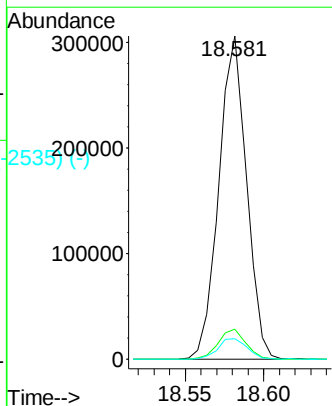
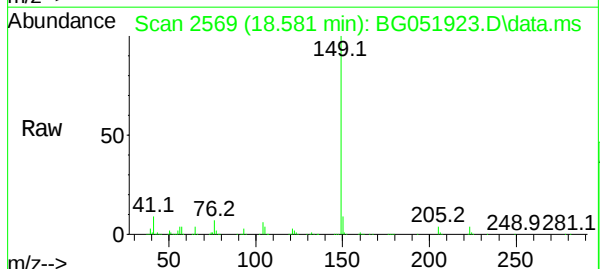
Manual Integrations  
APPROVED

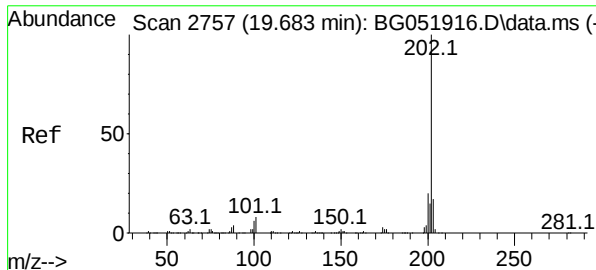
Reviewed By :Jagrut Upadhyay 01/10/2022  
Supervised By :mohammad ahmed 01/12/2022



Di-n-butylphthalate  
Concen: 32.814 ng/ul  
RT: 18.581 min Scan# 2569  
Delta R.T. 0.001 min  
Lab File: BG051923.D  
Acq: 7 Jan 2022 20:21

Tgt Ion:149 Resp: 373094  
Ion Ratio Lower Upper  
149 100  
150 9.3 7.5 11.3  
104 6.3 5.0 7.6





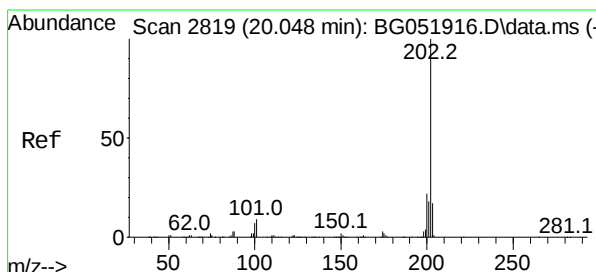
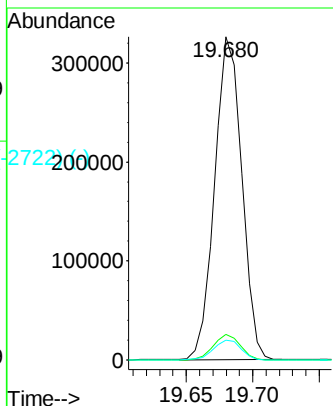
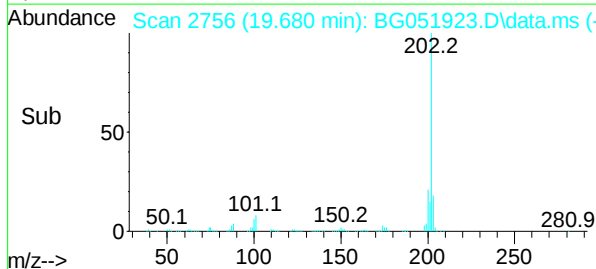
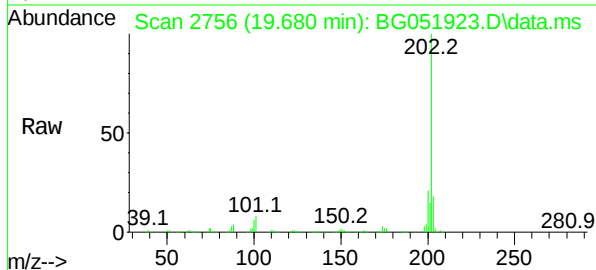
Fluoranthene  
Concen: 32.458 ng/ul  
RT: 19.680 min Scan# 2757  
Delta R.T. 0.001 min  
Lab File: BG051923.D  
Acq: 7 Jan 2022 20:21

Instrument :  
BNA\_G  
ClientSampleId :  
SLCS891

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 202   | Resp: | 46213 |
| Ion Ratio | Lower | Upper |       |
| 202       | 100   |       |       |
| 101       | 7.9   | 9.3   | 13.9  |
| 100       | 6.2   | 7.0   | 10.6  |

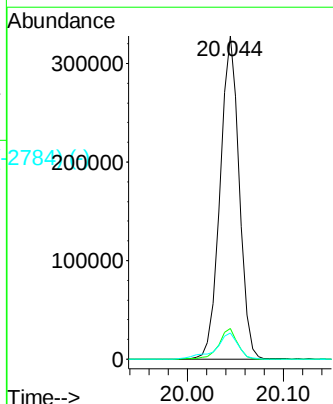
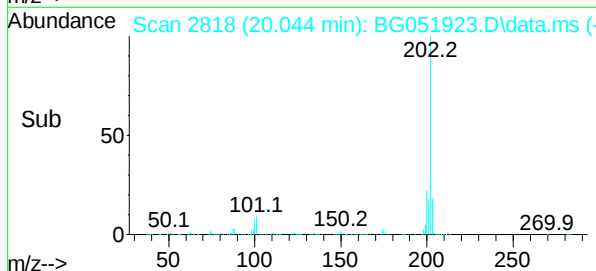
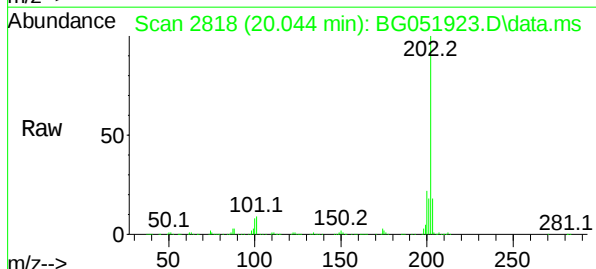
Manual Integrations  
APPROVED

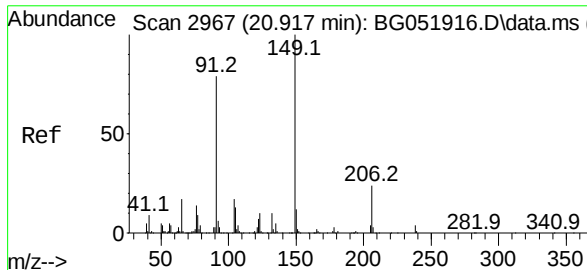
Reviewed By :Jagrut Upadhyay 01/10/2022  
Supervised By :mohammad ahmed 01/12/2022



Pyrene  
Concen: 32.404 ng/ul  
RT: 20.044 min Scan# 2818  
Delta R.T. 0.001 min  
Lab File: BG051923.D  
Acq: 7 Jan 2022 20:21

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 454252 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 9.5   | 10.7  | 16.1#  |
| 100       | 8.1   | 9.0   | 13.6#  |





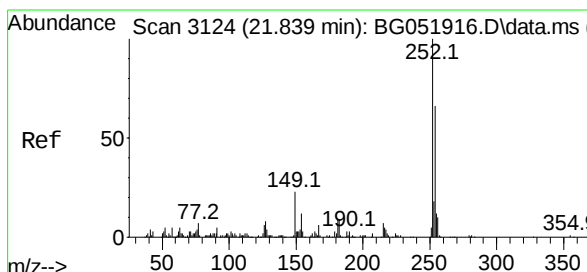
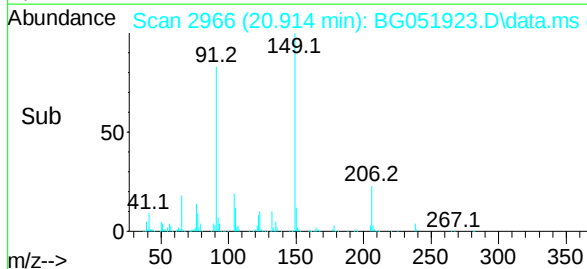
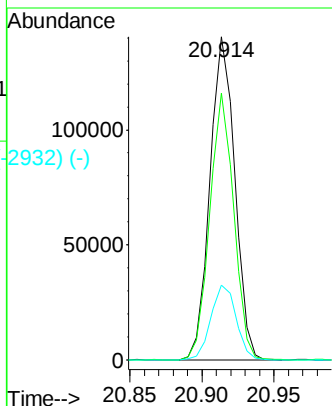
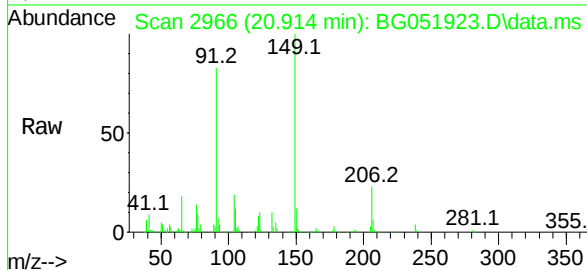
Butylbenzylphthalate  
 Concen: 34.467 ng/u1  
 RT: 20.914 min Scan# 2967  
 Delta R.T. 0.001 min  
 Lab File: BG051923.D  
 Acq: 7 Jan 2022 20:21

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SLCS891

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 149   | Resp: | 16814 |
| Ion      | Ratio | Lower | Upper |
| 149      | 100   |       |       |
| 91       | 82.6  | 65.2  | 97.8  |
| 206      | 23.1  | 16.2  | 24.2  |

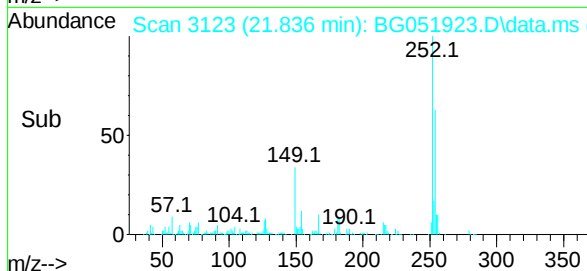
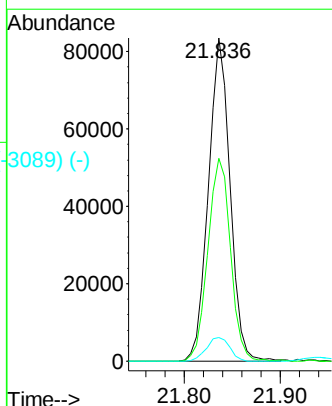
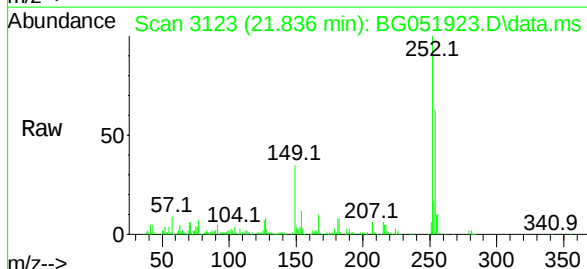
Manual Integrations  
 APPROVED

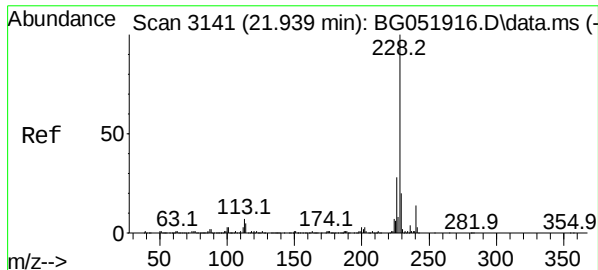
Reviewed By :Jagrut Upadhyay 01/10/2022  
 Supervised By :mohammad ahmed 01/12/2022



3,3'-Dichlorobenzidine  
 Concen: 26.243 ng/u1  
 RT: 21.836 min Scan# 3123  
 Delta R.T. 0.001 min  
 Lab File: BG051923.D  
 Acq: 7 Jan 2022 20:21

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 252   | Resp: | 129689 |
| Ion      | Ratio | Lower | Upper  |
| 252      | 100   |       |        |
| 254      | 62.7  | 50.8  | 76.2   |
| 126      | 7.4   | 9.0   | 13.4   |





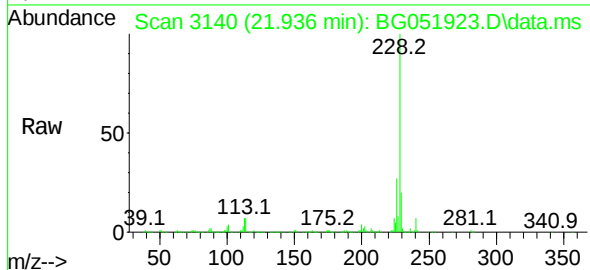
Scan 3141 (21.939 min): BG051916.D\data.ms (-3135) (-)  
 Benzo(a)anthracene  
 Concen: 32.120 ng/u1  
 RT: 21.936 min Scan# 3141  
 Delta R.T. 0.001 min  
 Lab File: BG051923.D  
 Acq: 7 Jan 2022 20:21

Instrument :

BNA\_G

ClientSampleId :

SLCS891

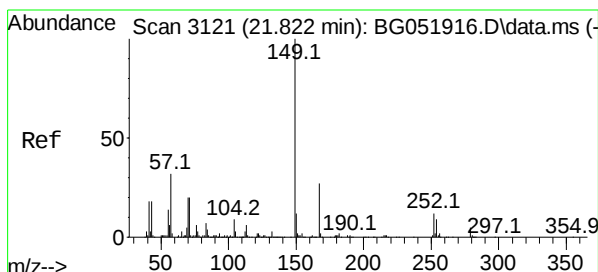
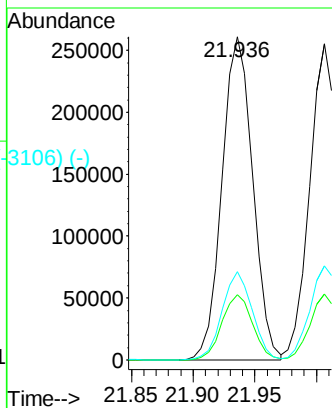
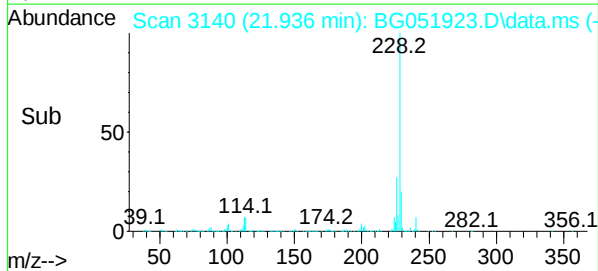


Tgt Ion:228 Resp: 4522  
 Ion Ratio Lower Upper  
 228 100  
 229 20.2 15.7 23.5  
 226 27.3 22.3 33.5

Manual Integrations

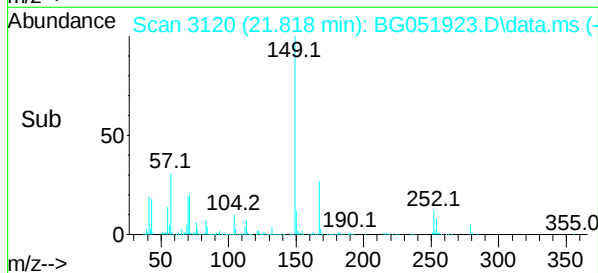
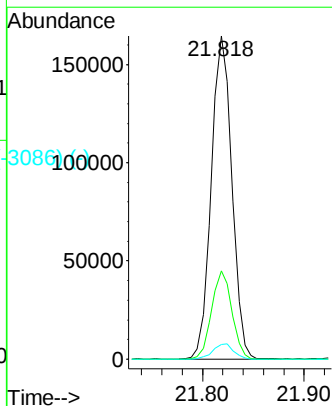
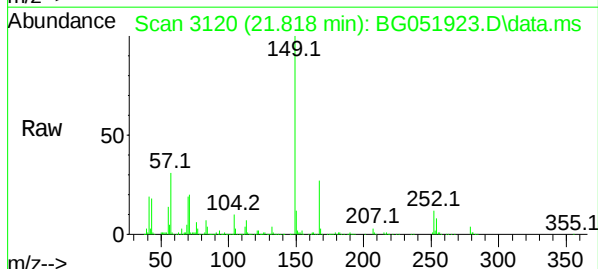
APPROVED

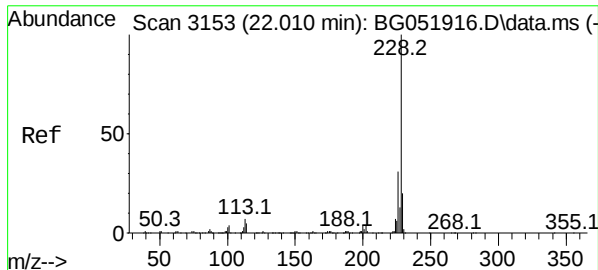
Reviewed By :Jagrut Upadhyay 01/10/2022  
 Supervised By :mohammad ahmed 01/12/2022



Scan 3121 (21.822 min): BG051916.D\data.ms (-3126) (-)  
 Bis(2-ethylhexyl)phthalate  
 Concen: 32.484 ng/u1  
 RT: 21.818 min Scan# 3120  
 Delta R.T. 0.001 min  
 Lab File: BG051923.D  
 Acq: 7 Jan 2022 20:21

Tgt Ion:149 Resp: 231759  
 Ion Ratio Lower Upper  
 149 100  
 167 27.4 21.1 31.7  
 279 4.5 2.7 4.1#





Scan 3153 (22.010 min): BG051916.D\data.ms (-3187) (-)  
 Chrysene  
 Concen: 31.353 ng/ul  
 RT: 22.006 min Scan# 3152  
 Delta R.T. 0.001 min  
 Lab File: BG051923.D  
 Acq: 7 Jan 2022 20:21

Instrument :

BNA\_G

ClientSampleId :

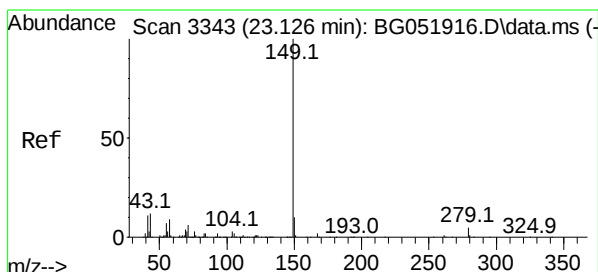
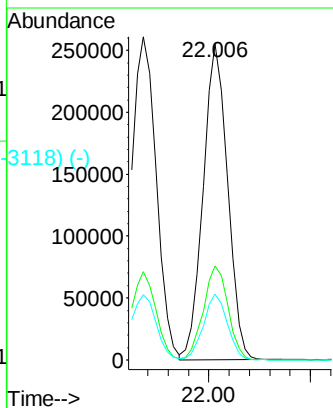
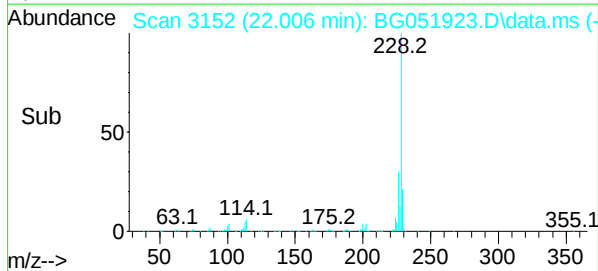
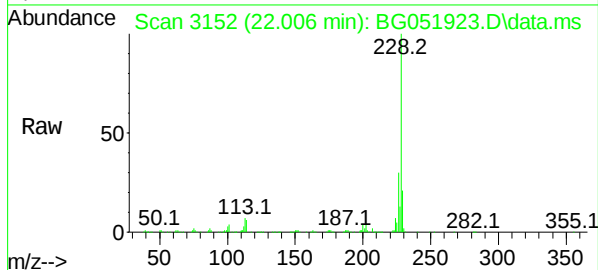
SLCS891

Tgt Ion:228 Resp: 42505  
 Ion Ratio Lower Upper  
 228 100  
 226 29.7 24.8 37.2  
 229 20.8 15.8 23.6

Manual Integrations

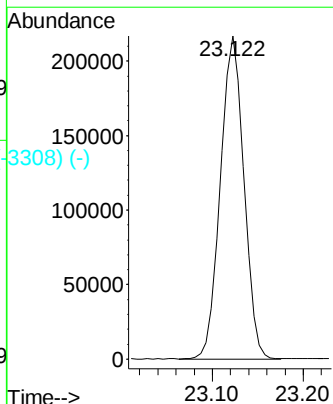
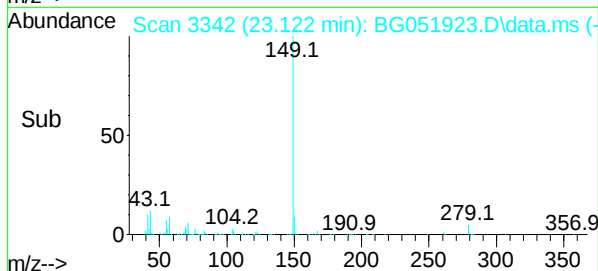
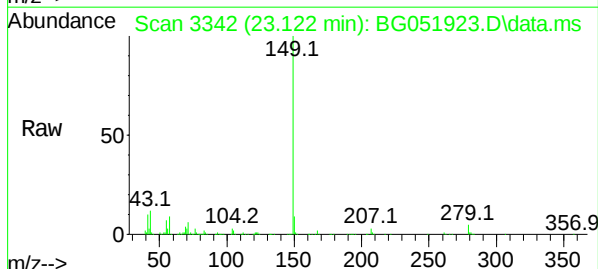
APPROVED

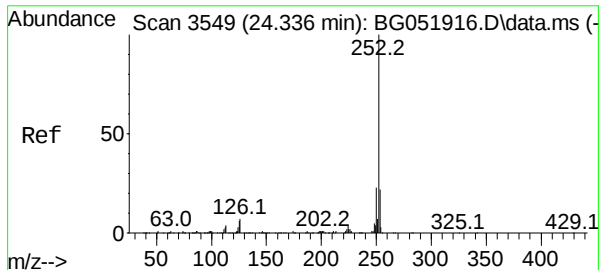
Reviewed By :Jagrut Upadhyay 01/10/2022  
 Supervised By :mohammad ahmed 01/12/2022



Scan 3343 (23.126 min): BG051916.D\data.ms (-3339) (-)  
 Di-n-octyl phthalate  
 Concen: 31.916 ng/ul  
 RT: 23.122 min Scan# 3342  
 Delta R.T. 0.001 min  
 Lab File: BG051923.D  
 Acq: 7 Jan 2022 20:21

Tgt Ion:149 Resp: 389696





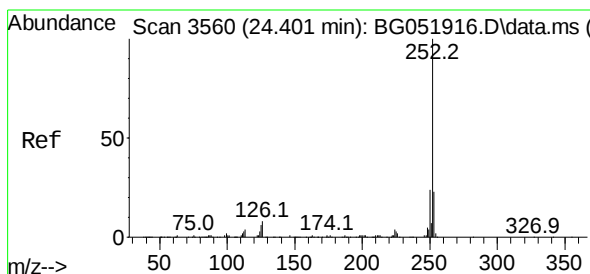
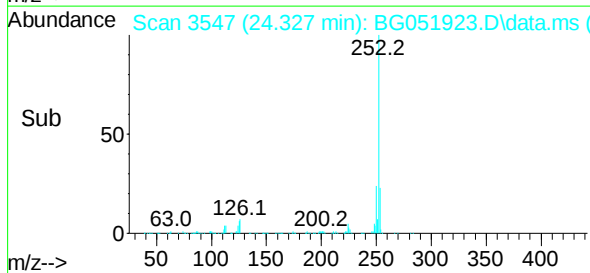
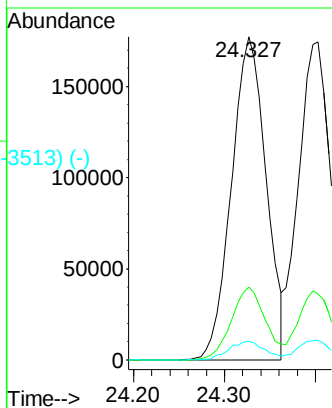
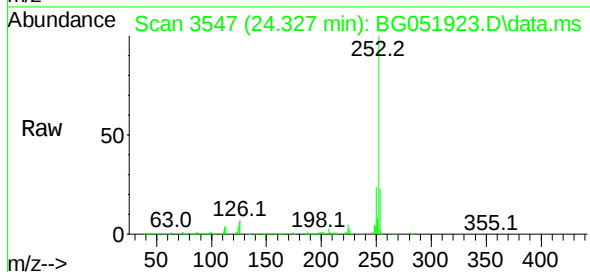
Benzo(b)fluoranthene  
Concen: 32.006 ng/u1  
RT: 24.327 min Scan# 3549  
Delta R.T. 0.001 min  
Lab File: BG051923.D  
Acq: 7 Jan 2022 20:21

Instrument :  
BNA\_G  
ClientSampleId :  
SLCS891

Tgt Ion:252 Resp: 46883  
Ion Ratio Lower Upper  
252 100  
253 22.5 17.8 26.6  
125 5.8 8.5 12.7

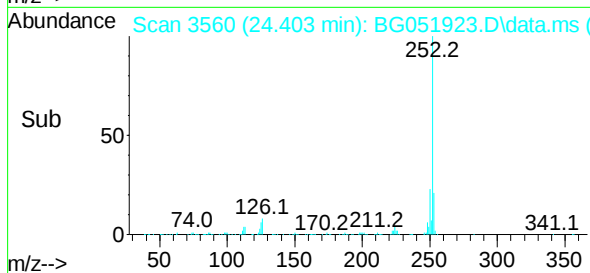
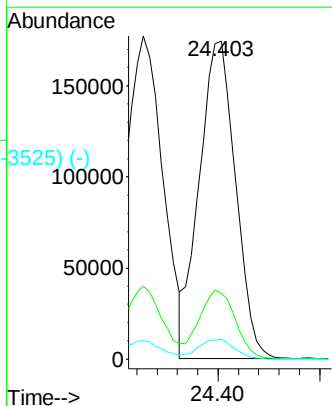
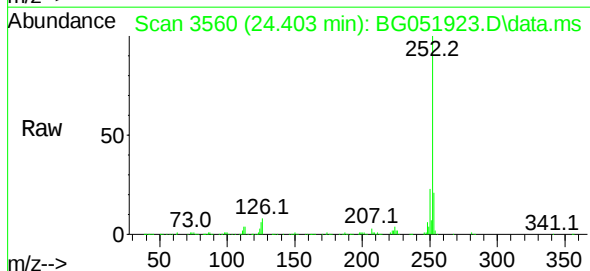
Manual Integrations  
APPROVED

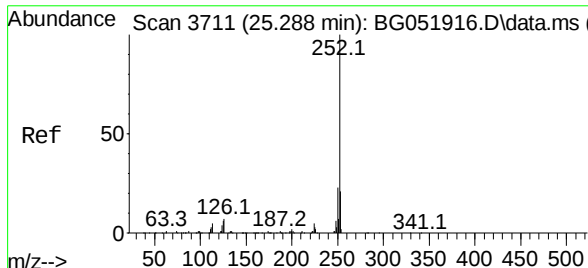
Reviewed By :Jagrut Upadhyay 01/10/2022  
Supervised By :mohammad ahmed 01/12/2022



Benzo(k)fluoranthene  
Concen: 31.944 ng/u1  
RT: 24.403 min Scan# 3560  
Delta R.T. 0.007 min  
Lab File: BG051923.D  
Acq: 7 Jan 2022 20:21

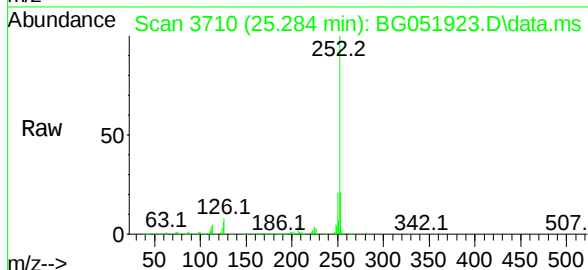
Tgt Ion:252 Resp: 432647  
Ion Ratio Lower Upper  
252 100  
253 20.8 17.3 25.9  
125 6.3 7.8 11.6#





Scan 3711 (25.288 min): BG051916.D\data.ms (-3693) (-)  
 Benzo(a)pyrene  
 Concen: 31.871 ng/ul  
 RT: 25.284 min Scan# 4418  
 Delta R.T. 0.013 min  
 Lab File: BG051923.D  
 Acq: 7 Jan 2022 20:21

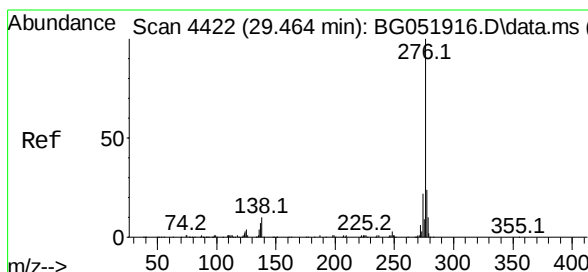
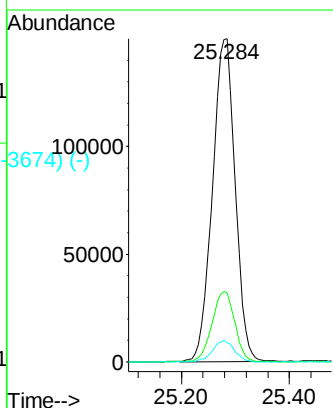
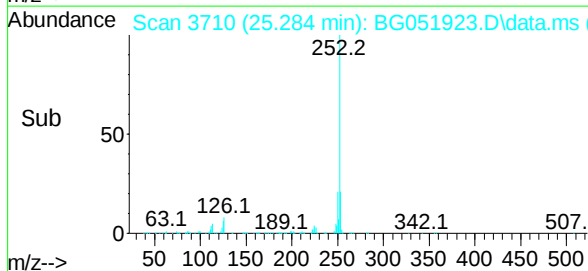
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SLCS891



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 252   | Resp: | 44182 |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 253       | 21.3  | 17.4  | 26.2  |
| 125       | 5.9   | 9.1   | 13.7  |

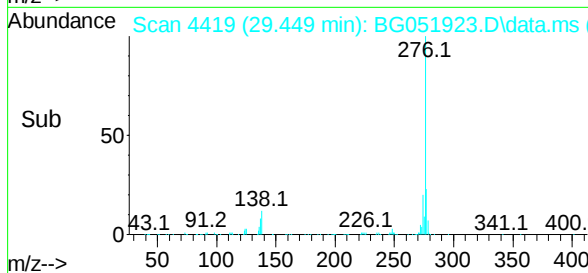
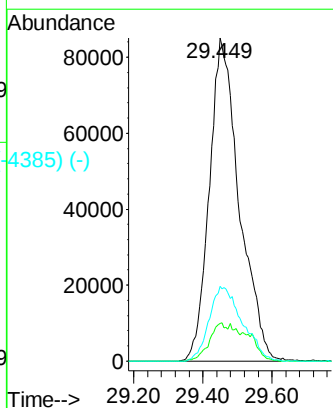
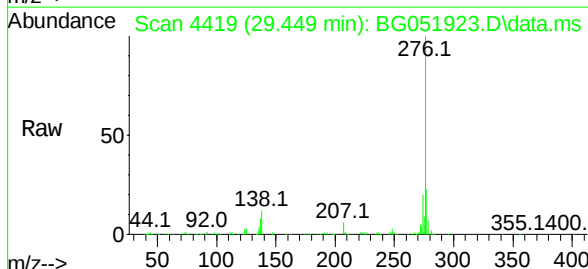
Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 01/10/2022  
 Supervised By :mohammad ahmed 01/12/2022



Scan 4422 (29.464 min): BG051916.D\data.ms (-4491) (-)  
 Indeno(1,2,3-cd)pyrene  
 Concen: 32.196 ng/ul  
 RT: 29.449 min Scan# 4419  
 Delta R.T. 0.001 min  
 Lab File: BG051923.D  
 Acq: 7 Jan 2022 20:21

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 276   | Resp: | 510919 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 138       | 11.6  | 15.5  | 23.3#  |
| 277       | 23.2  | 20.5  | 30.7   |



Abundance Scan 4434 (29.535 min): BG051916.D\data.ms (-4495) (-)

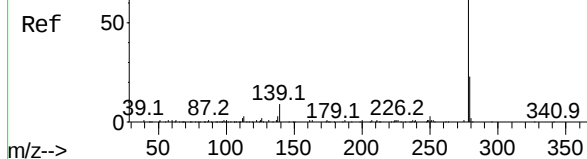
Dibenzo(a,h)anthracene  
Concen: 32.395 ng/ul  
RT: 29.537 min Scan# 4195  
Delta R.T. 0.025 min  
Lab File: BG051923.D  
Acq: 7 Jan 2022 20:21

Instrument :

BNA\_G

ClientSampleId :

SLCS891

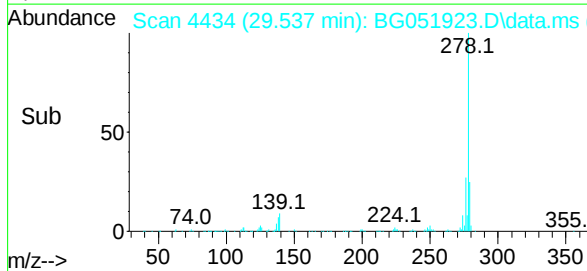
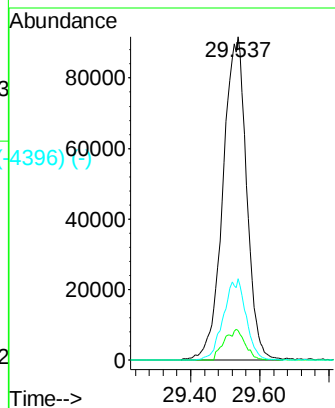
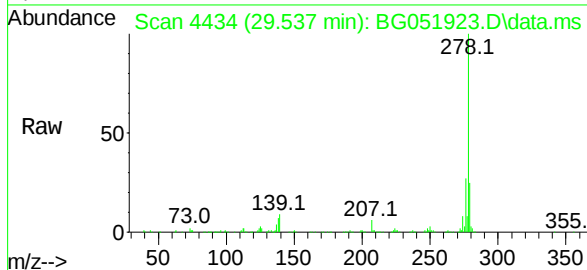


| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 9.1   | 12.2  | 18.4  |
| 279     | 25.0  | 19.5  | 29.3  |

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/10/2022  
Supervised By :mohammad ahmed 01/12/2022



Abundance Scan 4637 (30.727 min): BG051916.D\data.ms (-4696) (-)

Benzo(g,h,i)perylene  
Concen: 31.874 ng/ul  
RT: 30.718 min Scan# 4635  
Delta R.T. 0.019 min  
Lab File: BG051923.D  
Acq: 7 Jan 2022 20:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 12.3  | 16.6  | 24.8# |
| 277     | 24.4  | 17.6  | 26.4  |

