

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG081123\  
 Data File : BG058709.D  
 Acq On : 11 Aug 2023 19:25  
 Operator : MA/JU  
 Sample : 03958-01MSD  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 NEVINS-SB02-Z106-107MSD

Quant Time: Aug 11 23:02:42 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG072823.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 28 22:29:07 2023  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/12/2023  
 Supervised By :mohammad ahmed 08/12/2023

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.812  | 152  | 52215    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.608 | 136  | 233882   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.457 | 164  | 167980   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.207 | 188  | 389650   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.449 | 240  | 337845   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 24.521 | 264  | 423565   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.385  | 112  | 293536   | 85.925 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.983  | 99   | 415753   | 87.461 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.975  | 82   | 246871   | 51.854 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.955 | 330  | 201273   | 73.102 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.076 | 172  | 562533   | 50.185 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.827 | 244  | 1006272  | 56.012 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.264  | 88   | 50627    | 30.583 | ng    | 95       |
| 3) Pyridine                   | 3.664  | 79   | 130962   | 29.018 | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.581  | 42   | 71028    | 37.144 | ng    | 95       |
| 6) Aniline                    | 7.136  | 93   | 135230   | 23.106 | ng    | 99       |
| 8) 2-Chlorophenol             | 7.377  | 128  | 146182   | 43.619 | ng    | 96       |
| 9) Benzaldehyde               | 6.948  | 77   | 72690    | 28.146 | ng    | 96       |
| 10) Phenol                    | 7.013  | 94   | 206894   | 44.556 | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.236  | 93   | 141145   | 38.556 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 7.700  | 146  | 138367   | 38.665 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 7.847  | 146  | 141224   | 39.303 | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 8.164  | 146  | 139205   | 40.520 | ng    | 98       |
| 15) Benzyl Alcohol            | 8.053  | 79   | 145317   | 48.204 | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.335  | 45   | 244301   | 41.083 | ng    | 97       |
| 17) 2-Methylphenol            | 8.264  | 107  | 139541   | 41.099 | ng    | 97       |
| 18) Hexachloroethane          | 8.887  | 117  | 50948    | 39.009 | ng    | 90       |
| 19) n-Nitroso-di-n-propyla... | 8.617  | 70   | 118810   | 38.695 | ng    | 99       |
| 20) 3+4-Methylphenols         | 8.587  | 107  | 192734   | 41.967 | ng    | 98       |
| 22) Acetophenone              | 8.634  | 105  | 233699   | 37.317 | ng    | 98       |
| 24) Nitrobenzene              | 9.022  | 77   | 177258   | 36.623 | ng    | 95       |
| 25) Isophorone                | 9.533  | 82   | 349971   | 35.577 | ng    | 98       |
| 26) 2-Nitrophenol             | 9.727  | 139  | 79514    | 37.740 | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 9.792  | 122  | 133981   | 38.338 | ng    | 96       |
| 28) bis(2-Chloroethoxy)met... | 10.021 | 93   | 201846   | 37.705 | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 10.268 | 162  | 147439   | 40.633 | ng    | 100      |
| 30) 1,2,4-Trichlorobenzene    | 10.473 | 180  | 155528   | 37.166 | ng    | 98       |
| 31) Naphthalene               | 10.661 | 128  | 448154   | 36.356 | ng    | 100      |
| 32) Benzoic acid              | 9.962  | 122  | 83543    | 32.900 | ng    | 96       |
| 33) 4-Chloroaniline           | 10.779 | 127  | 78741    | 15.119 | ng    | 98       |
| 34) Hexachlorobutadiene       | 10.943 | 225  | 96175    | 35.688 | ng    | 98       |
| 35) Caprolactam               | 11.560 | 113  | 51115m   | 38.147 | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 11.913 | 107  | 178045   | 39.665 | ng    | 97       |
| 37) 2-Methylnaphthalene       | 12.277 | 142  | 315718   | 35.805 | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.494 | 142  | 302971   | 36.146 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 12.647 | 216  | 186983   | 36.257 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.624 | 237  | 127145   | 55.373 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.894 | 196  | 134539   | 37.929 | ng    | 93       |

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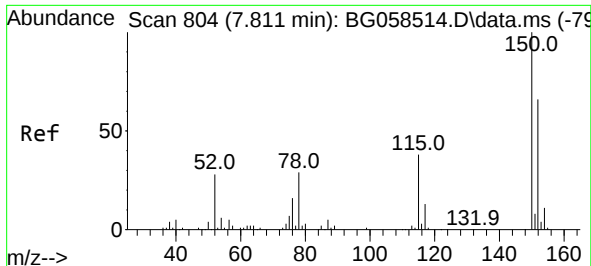
Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 08/12/2023  
 Supervised By :mohammad ahmed 08/12/2023

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.970 | 196  | 144680   | 34.629 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 13.288 | 154  | 421865   | 36.569 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 13.335 | 162  | 334735   | 37.215 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.546 | 65   | 131200   | 38.215 | ng    | 98       |
| 49) Acenaphthylene            | 14.181 | 152  | 560343   | 37.209 | ng    | 99       |
| 50) Dimethylphthalate         | 13.922 | 163  | 445119   | 35.283 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.046 | 165  | 101520   | 36.675 | ng    | 98       |
| 52) Acenaphthene              | 14.527 | 154  | 312799   | 35.948 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.375 | 138  | 57536    | 20.775 | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 14.592 | 184  | 75716    | 51.467 | ng    | 94       |
| 55) Dibenzofuran              | 14.862 | 168  | 531082   | 35.519 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.698 | 139  | 149396   | 73.098 | ng    | 95       |
| 57) 2,4-Dinitrotoluene        | 14.839 | 165  | 141859   | 36.965 | ng    | 98       |
| 58) Fluorene                  | 15.509 | 166  | 425095   | 35.789 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.091 | 232  | 127549   | 35.776 | ng    | 99       |
| 60) Diethylphthalate          | 15.279 | 149  | 448161   | 34.870 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 15.497 | 204  | 232516   | 35.112 | ng    | 98       |
| 62) 4-Nitroaniline            | 15.538 | 138  | 92773    | 35.362 | ng    | 97       |
| 63) Azobenzene                | 15.796 | 77   | 451083   | 35.633 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 15.603 | 198  | 65717    | 30.588 | ng    | 99       |
| 66) n-Nitrosodiphenylamine    | 15.720 | 169  | 376888   | 37.163 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 16.396 | 248  | 160119   | 36.230 | ng    | 98       |
| 68) Hexachlorobenzene         | 16.513 | 284  | 179458   | 38.320 | ng    | 99       |
| 69) Atrazine                  | 16.666 | 200  | 148539   | 43.388 | ng    | 100      |
| 70) Pentachlorophenol         | 16.860 | 266  | 170762   | 60.242 | ng    | 98       |
| 71) Phenanthrene              | 17.248 | 178  | 716027   | 38.748 | ng    | 99       |
| 72) Anthracene                | 17.342 | 178  | 700105   | 36.924 | ng    | 99       |
| 73) Carbazole                 | 17.612 | 167  | 639423   | 38.243 | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.164 | 149  | 781108   | 37.297 | ng    | 99       |
| 75) Fluoranthene              | 19.263 | 202  | 828397   | 37.320 | ng    | 99       |
| 77) Benzidine                 | 19.451 | 184  | 307958   | 60.112 | ng    | 98       |
| 78) Pyrene                    | 19.627 | 202  | 866760   | 37.698 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.514 | 149  | 349911   | 37.050 | ng    | 99       |
| 81) Benzo(a)anthracene        | 21.431 | 228  | 869962   | 37.417 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.355 | 252  | 137549   | 17.497 | ng    | 97       |
| 83) Chrysene                  | 21.496 | 228  | 810868   | 36.375 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.331 | 149  | 518186   | 37.546 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 22.483 | 149  | 894269   | 36.855 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 28.012 | 276  | 940917   | 33.391 | ng    | # 88     |
| 88) Benzo(b)fluoranthene      | 23.546 | 252  | 896164   | 39.009 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.611 | 252  | 861312   | 37.320 | ng    | 100      |
| 90) Benzo(a)pyrene            | 24.375 | 252  | 806152   | 35.732 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 28.070 | 278  | 779409   | 33.452 | ng    | 100      |
| 92) Benzo(g,h,i)perylene      | 29.110 | 276  | 738600   | 31.613 | ng    | 99       |

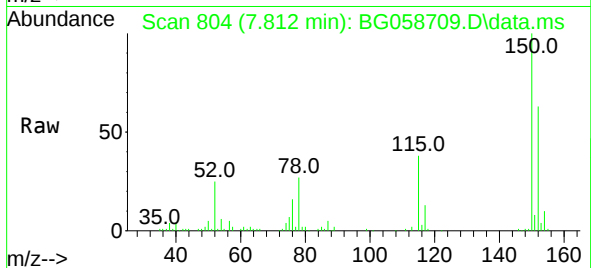
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.812 min Scan# 80  
Delta R.T. 0.001 min  
Lab File: BG058709.D  
Acq: 11 Aug 2023 19:25

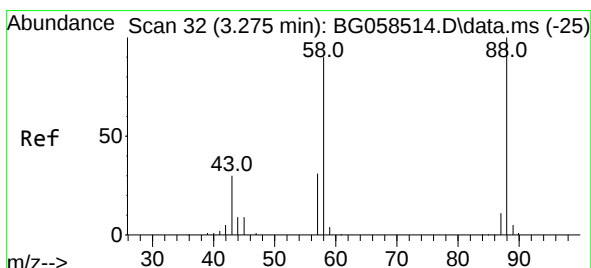
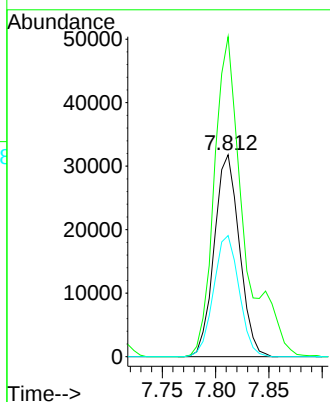
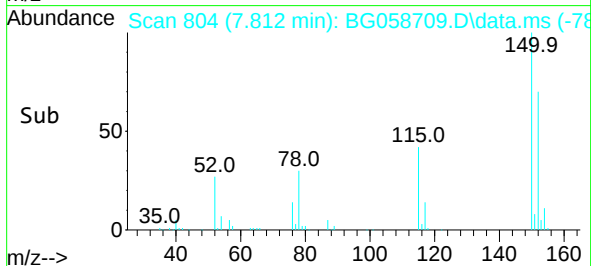
Instrument :  
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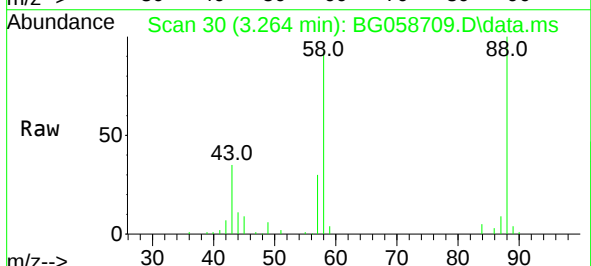
Tgt Ion:152 Resp: 52215  
Ion Ratio Lower Upper  
152 100  
150 158.5 120.5 180.7  
115 60.0 45.9 68.9

Manual Integrations  
APPROVED

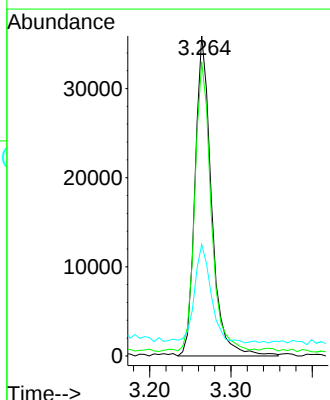
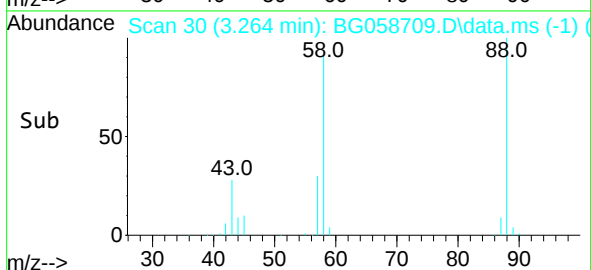
Reviewed By :Yogesh Patel 08/12/2023  
Supervised By :mohammad ahmed 08/12/2023

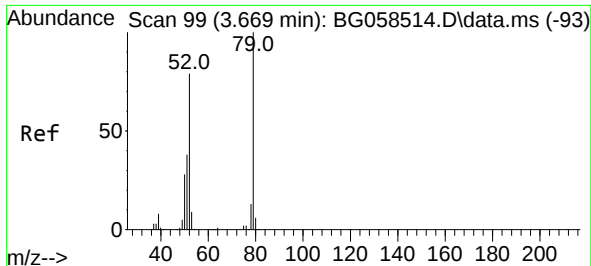


#2  
1,4-Dioxane  
Concen: 30.583 ng  
RT: 3.264 min Scan# 30  
Delta R.T. -0.011 min  
Lab File: BG058709.D  
Acq: 11 Aug 2023 19:25



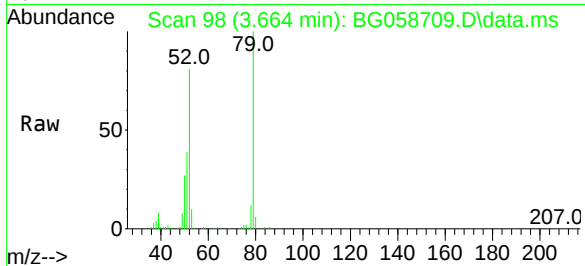
Tgt Ion: 88 Resp: 50627  
Ion Ratio Lower Upper  
88 100  
58 90.2 68.9 103.3  
43 31.1 22.9 34.3





#3  
Pyridine  
Concen: 29.018 ng  
RT: 3.664 min Scan# 91  
Delta R.T. -0.005 min  
Lab File: BG058709.D  
Acq: 11 Aug 2023 19:25

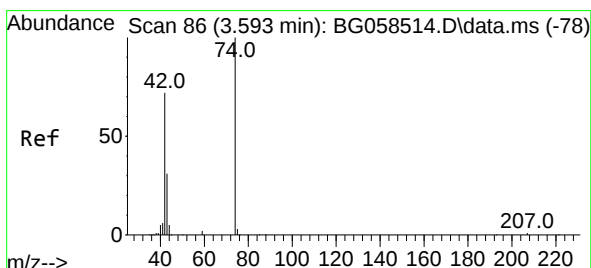
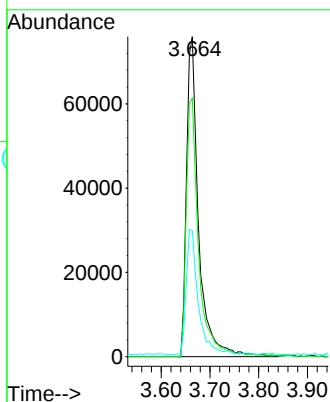
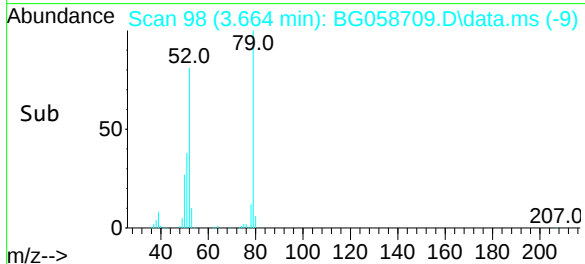
Instrument :  
BNA\_G  
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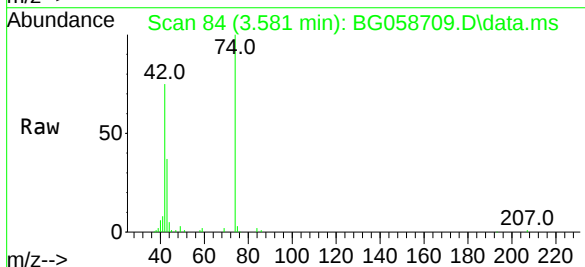
Tgt Ion: 79 Resp: 130962  
Ion Ratio Lower Upper  
79 100  
52 80.8 63.2 94.8  
51 39.4 31.9 47.9

Manual Integrations  
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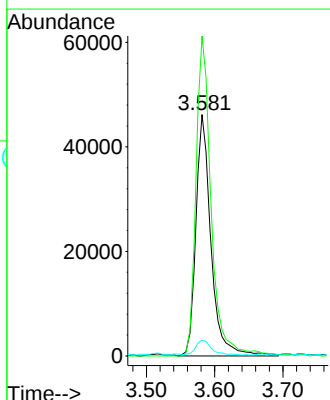
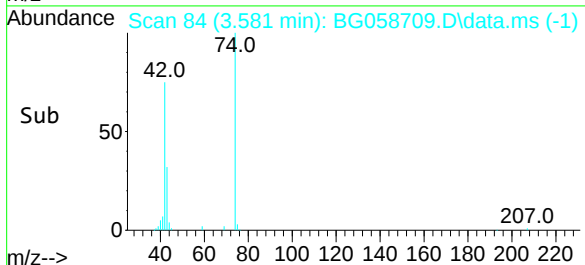
Reviewed By :Yogesh Patel 08/12/2023  
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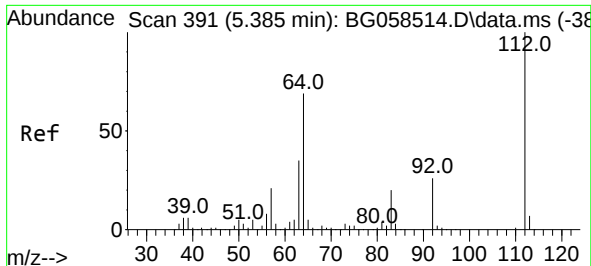


#4  
n-Nitrosodimethylamine  
Concen: 37.144 ng  
RT: 3.581 min Scan# 84  
Delta R.T. -0.011 min  
Lab File: BG058709.D  
Acq: 11 Aug 2023 19:25



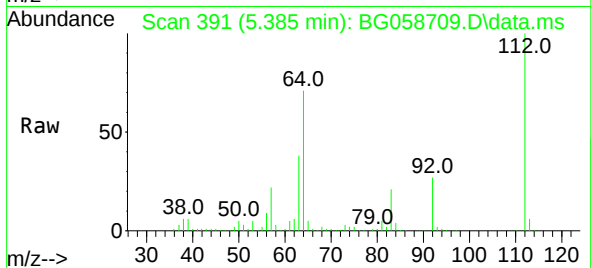
Tgt Ion: 42 Resp: 71028  
Ion Ratio Lower Upper  
42 100  
74 132.6 111.5 167.3  
44 6.7 5.4 8.2





#5  
2-Fluorophenol  
Concen: 85.925 ng  
RT: 5.385 min Scan# 391  
Delta R.T. 0.000 min  
Lab File: BG058709.D  
Acq: 11 Aug 2023 19:25

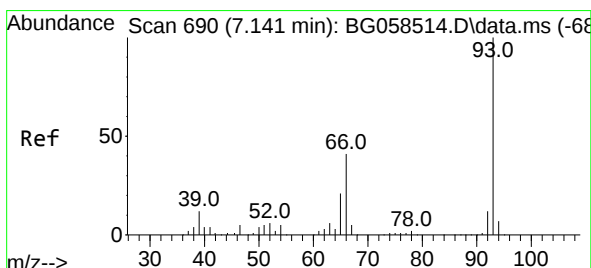
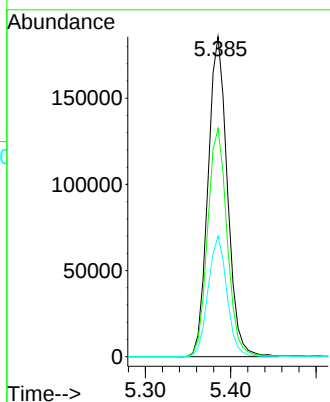
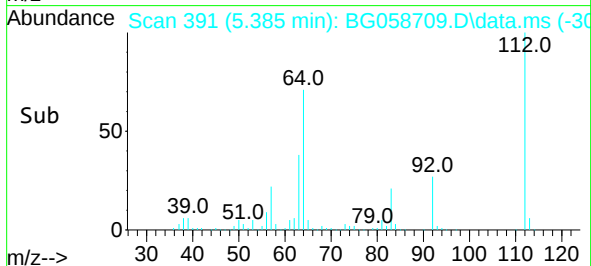
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Tgt Ion:112 Resp: 293530  
Ion Ratio Lower Upper  
112 100  
64 71.3 55.3 82.9  
63 37.7 28.3 42.5

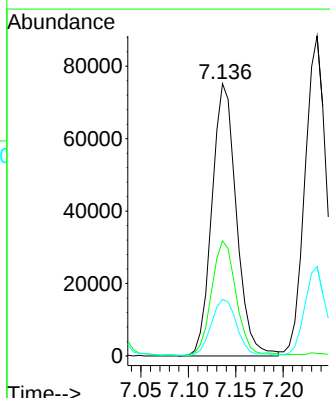
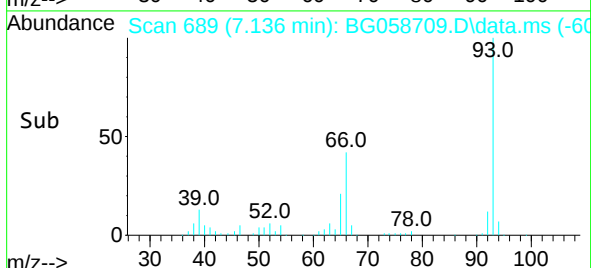
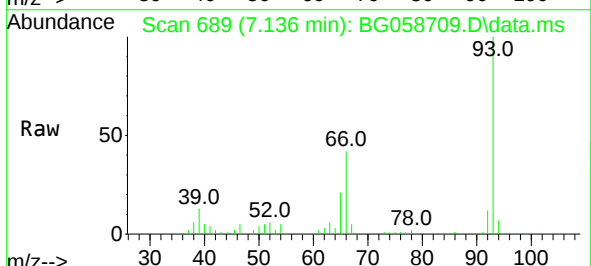
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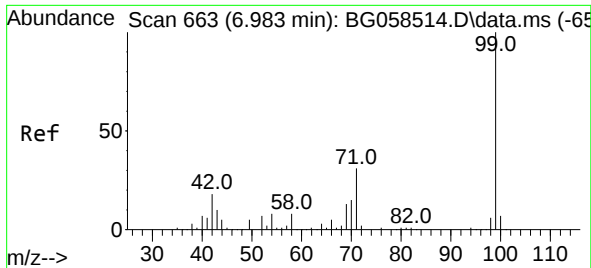
Reviewed By :Yogesh Patel 08/12/2023  
Supervised By :mohammad ahmed 08/12/2023



#6  
Aniline  
Concen: 23.106 ng  
RT: 7.136 min Scan# 689  
Delta R.T. -0.005 min  
Lab File: BG058709.D  
Acq: 11 Aug 2023 19:25

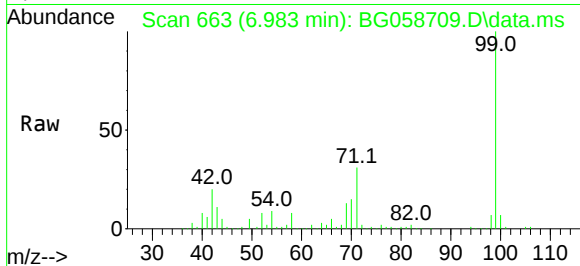
Tgt Ion: 93 Resp: 135230  
Ion Ratio Lower Upper  
93 100  
66 42.3 33.1 49.7  
65 20.7 17.0 25.4





#7  
Phenol-d6  
Concen: 87.461 ng  
RT: 6.983 min Scan# 60  
Delta R.T. 0.000 min  
Lab File: BG058709.D  
Acq: 11 Aug 2023 19:25

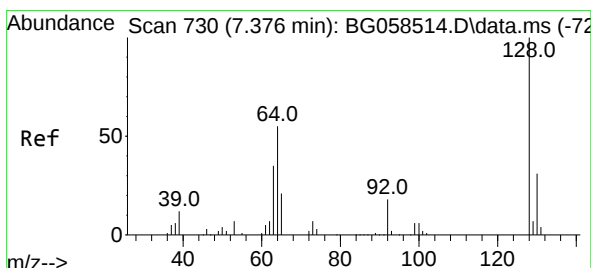
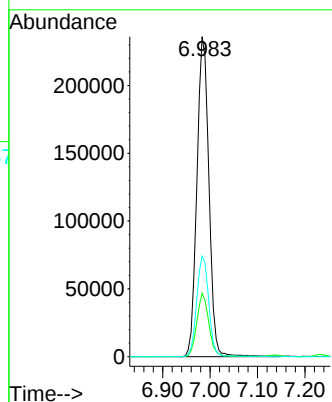
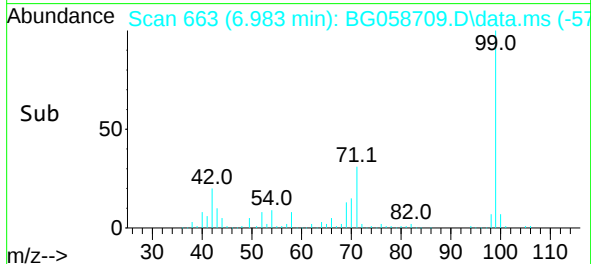
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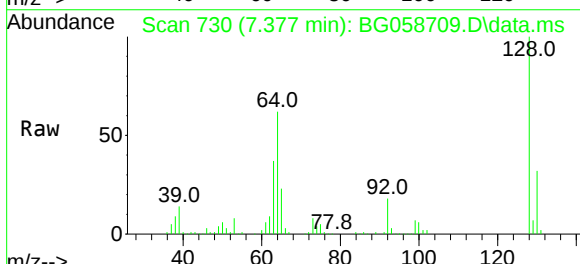
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Ion Ratio Lower Upper  
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42 19.8 14.6 21.8  
71 31.4 25.0 37.4

Manual Integrations  
APPROVED

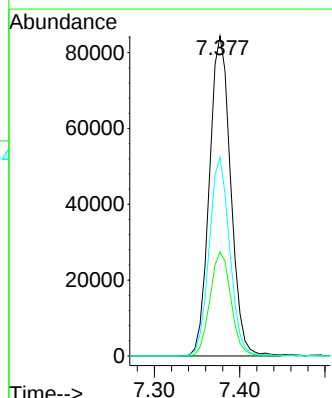
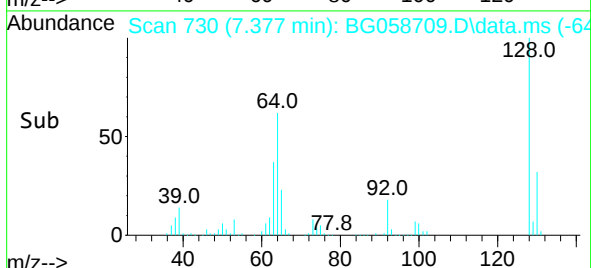
Reviewed By :Yogesh Patel 08/12/2023  
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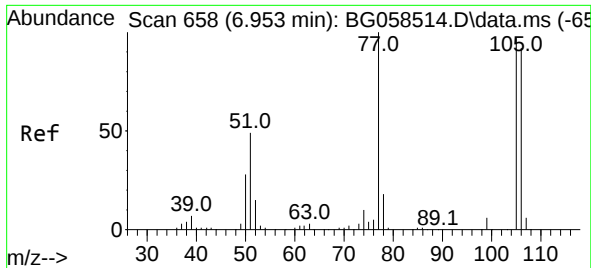


#8  
2-Chlorophenol  
Concen: 43.619 ng  
RT: 7.377 min Scan# 730  
Delta R.T. 0.000 min  
Lab File: BG058709.D  
Acq: 11 Aug 2023 19:25



Tgt Ion:128 Resp: 146182  
Ion Ratio Lower Upper  
128 100  
130 32.5 10.9 50.9  
64 62.0 39.0 79.0





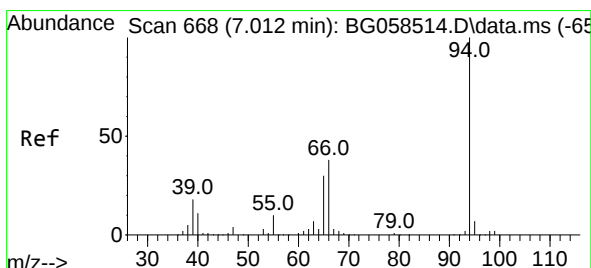
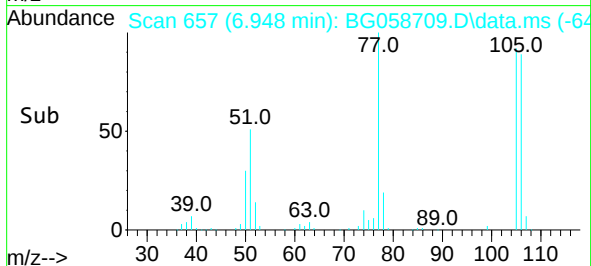
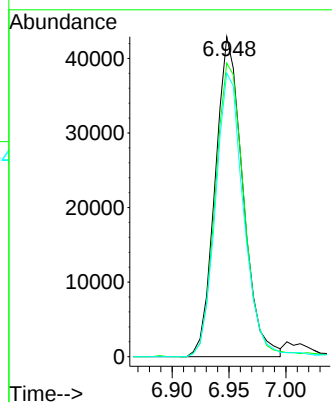
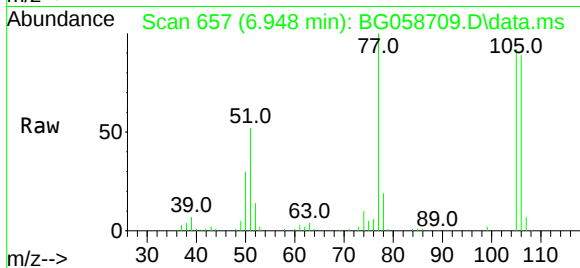
#9  
Benzaldehyde  
Concen: 28.146 ng  
RT: 6.948 min Scan# 658  
Delta R.T. -0.005 min  
Lab File: BG058709.D  
Acq: 11 Aug 2023 19:25

Instrument :  
BNA\_G  
ClientSampleId :  
NEVINS-SB02-Z106-107MSD

Tgt Ion: 77 Resp: 72690  
Ion Ratio Lower Upper  
77 100  
105 91.8 77.1 117.1  
106 88.6 71.6 111.6

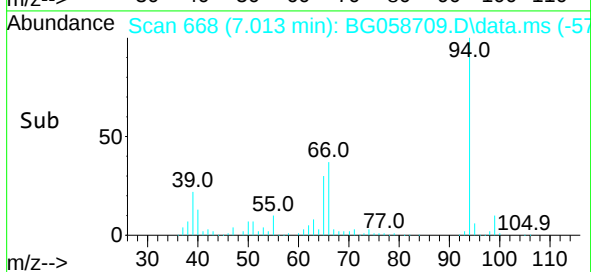
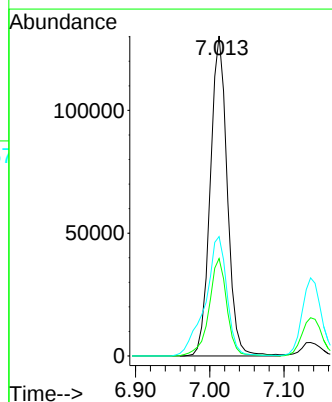
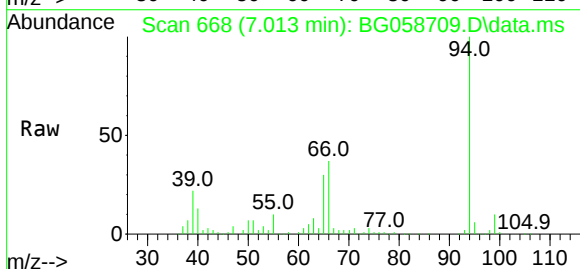
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 08/12/2023  
Supervised By :mohammad ahmed 08/12/2023



#10  
Phenol  
Concen: 44.556 ng  
RT: 7.013 min Scan# 668  
Delta R.T. 0.000 min  
Lab File: BG058709.D  
Acq: 11 Aug 2023 19:25

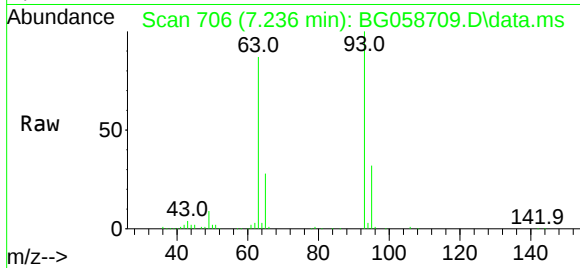
Tgt Ion: 94 Resp: 206894  
Ion Ratio Lower Upper  
94 100  
65 30.5 10.4 50.4  
66 37.3 18.7 58.7





#11  
bis(2-Chloroethyl)ether  
Concen: 38.556 ng  
RT: 7.236 min Scan# 706  
Delta R.T. 0.000 min  
Lab File: BG058709.D  
Acq: 11 Aug 2023 19:25

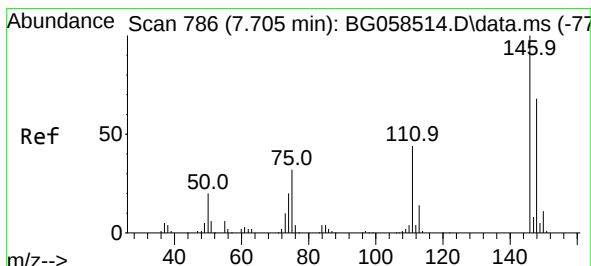
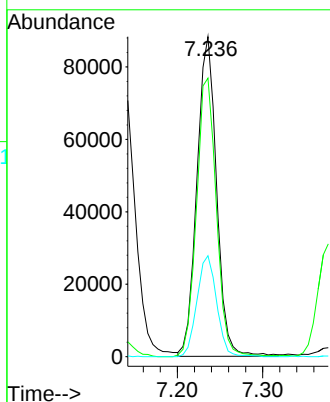
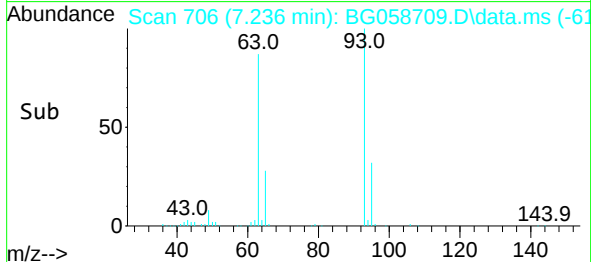
Instrument :  
BNA\_G  
ClientSampleId :  
NEVINS-SB02-Z106-107MSD



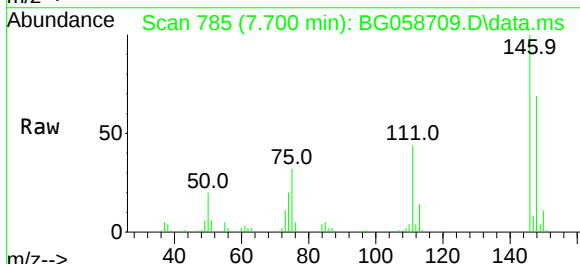
Tgt Ion: 93 Resp: 141145  
Ion Ratio Lower Upper  
93 100  
63 87.1 65.5 105.5  
95 31.6 11.2 51.2

Manual Integrations  
APPROVED

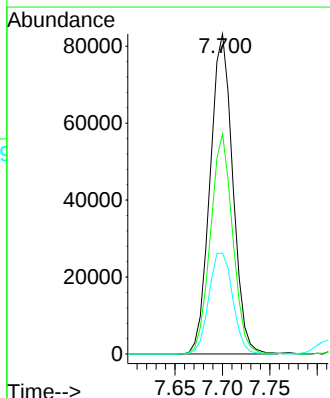
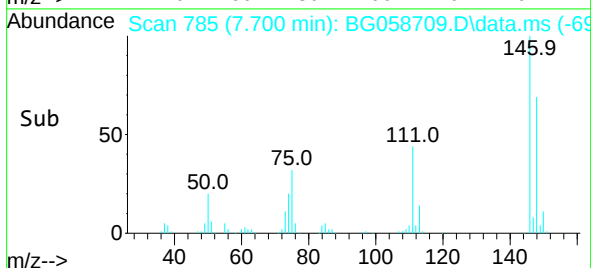
Reviewed By :Yogesh Patel 08/12/2023  
Supervised By :mohammad ahmed 08/12/2023



#12  
1,3-Dichlorobenzene  
Concen: 38.665 ng  
RT: 7.700 min Scan# 785  
Delta R.T. -0.005 min  
Lab File: BG058709.D  
Acq: 11 Aug 2023 19:25



Tgt Ion:146 Resp: 138367  
Ion Ratio Lower Upper  
146 100  
148 68.8 54.7 82.1  
75 31.5 25.8 38.8





#13

1,4-Dichlorobenzene

Concen: 39.303 ng

RT: 7.847 min Scan# 811

Delta R.T. -0.005 min

Lab File: BG058709.D

Acq: 11 Aug 2023 19:25

Instrument :

BNA\_G

ClientSampleId :

NEVINS-SB02-Z106-107MSD

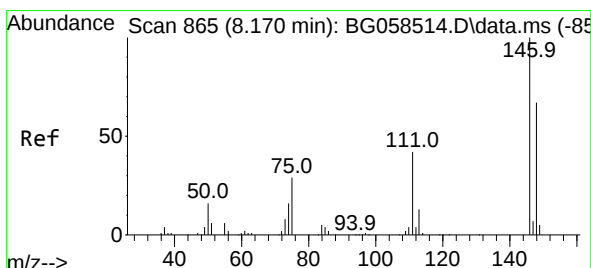
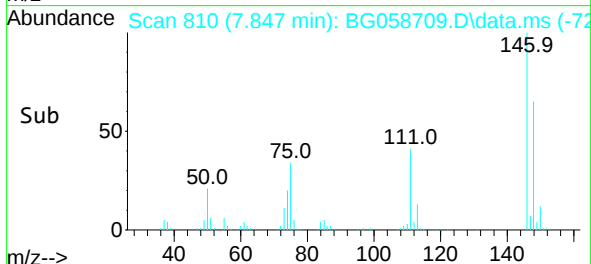
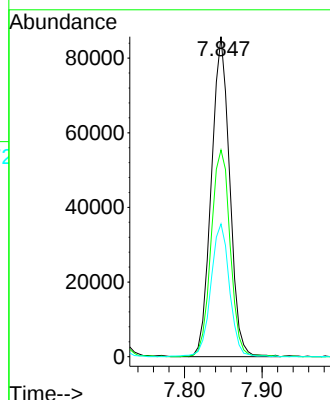
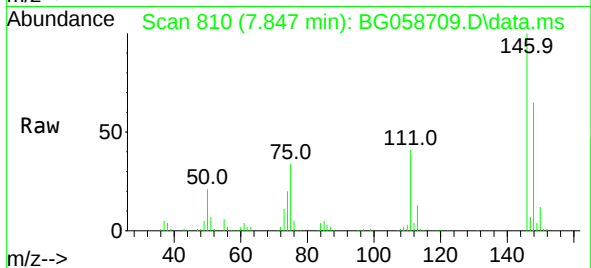
Tgt Ion:146 Resp: 141224  
 Ion Ratio Lower Upper  
 146 100  
 148 64.6 52.8 79.2  
 111 41.5 31.7 47.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/12/2023

Supervised By :mohammad ahmed 08/12/2023



#14

1,2-Dichlorobenzene

Concen: 40.520 ng

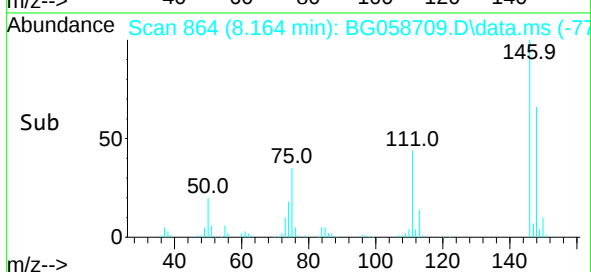
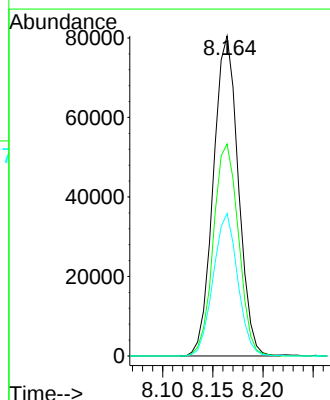
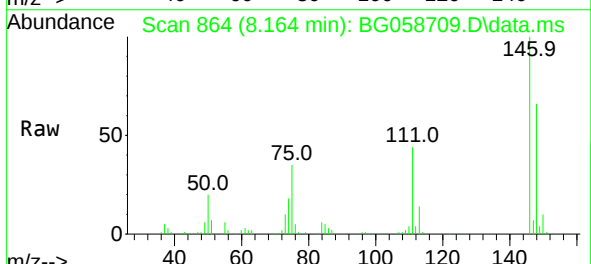
RT: 8.164 min Scan# 864

Delta R.T. -0.005 min

Lab File: BG058709.D

Acq: 11 Aug 2023 19:25

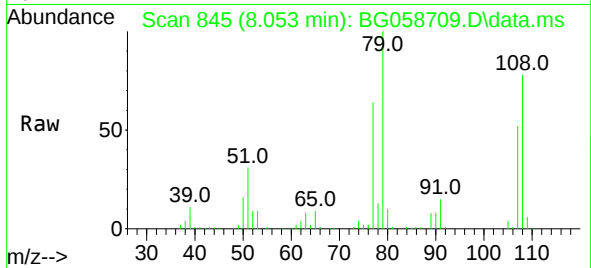
Tgt Ion:146 Resp: 139205  
 Ion Ratio Lower Upper  
 146 100  
 148 66.2 53.4 80.2  
 111 44.5 34.2 51.2





#15  
Benzyl Alcohol  
Concen: 48.204 ng  
RT: 8.053 min Scan# 846  
Delta R.T. -0.005 min  
Lab File: BG058709.D  
Acq: 11 Aug 2023 19:25

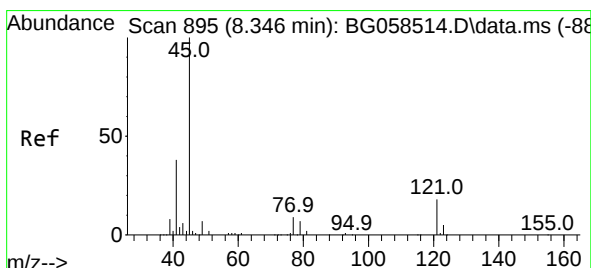
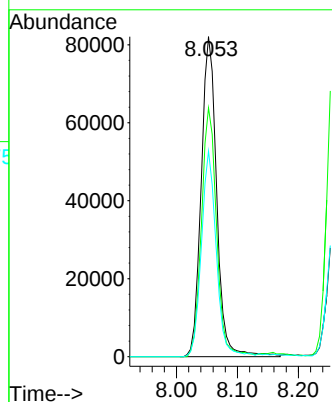
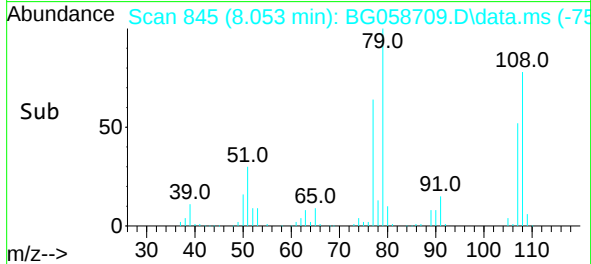
Instrument :  
BNA\_G  
ClientSampleId :  
NEVINS-SB02-Z106-107MSD



Tgt Ion: 79 Resp: 145317  
Ion Ratio Lower Upper  
79 100  
108 77.8 63.8 95.6  
77 64.3 49.8 74.6

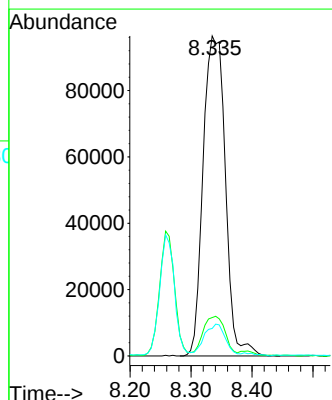
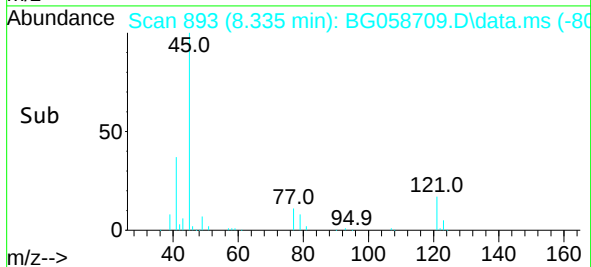
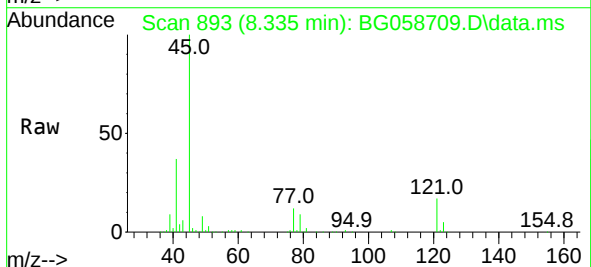
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 08/12/2023  
Supervised By :mohammad ahmed 08/12/2023



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 41.083 ng  
RT: 8.335 min Scan# 893  
Delta R.T. -0.011 min  
Lab File: BG058709.D  
Acq: 11 Aug 2023 19:25

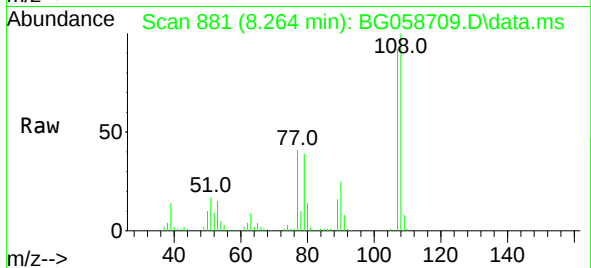
Tgt Ion: 45 Resp: 244301  
Ion Ratio Lower Upper  
45 100  
77 12.0 0.0 32.6  
79 8.6 0.0 30.2





#17  
2-Methylphenol  
Concen: 41.099 ng  
RT: 8.264 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: BG058709.D  
Acq: 11 Aug 2023 19:25

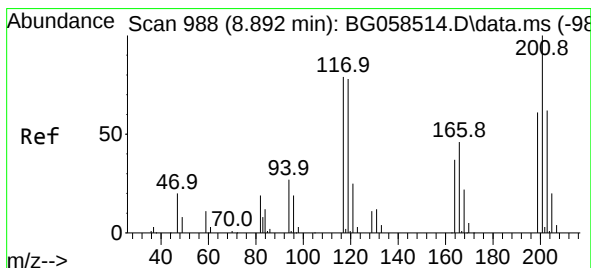
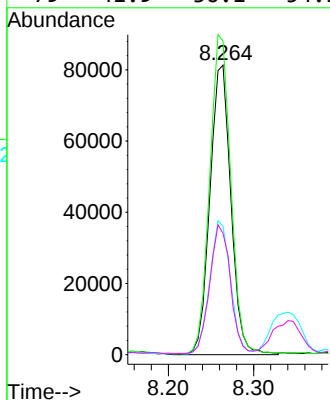
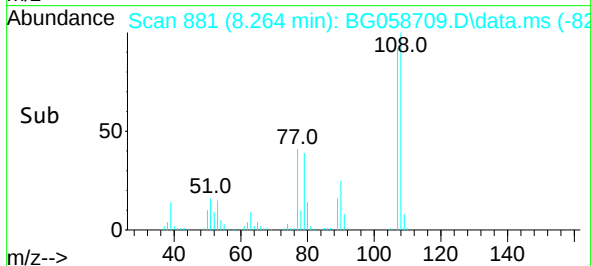
Instrument :  
BNA\_G  
ClientSampleId :  
NEVINS-SB02-Z106-107MSD



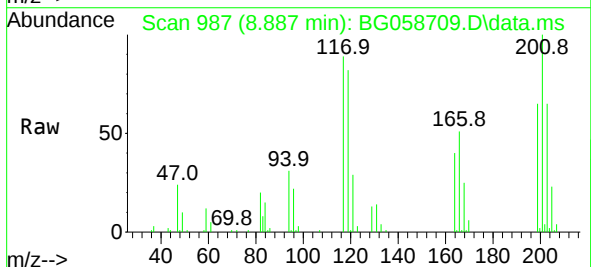
Tgt Ion:107 Resp: 13954  
Ion Ratio Lower Upper  
107 100  
108 108.4 89.1 133.7  
77 44.4 36.2 54.4  
79 41.9 36.1 54.1

Manual Integrations  
APPROVED

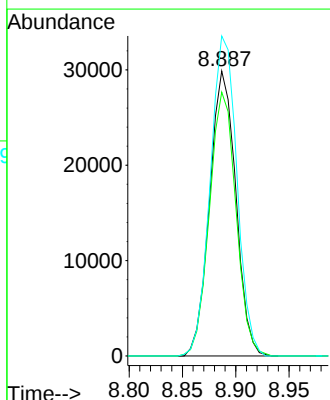
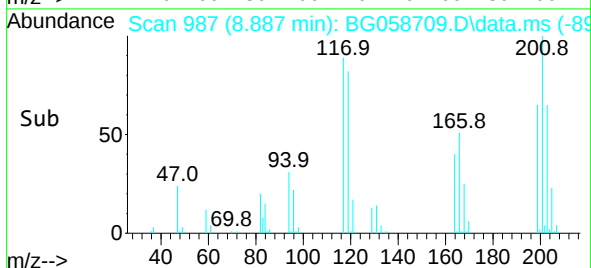
Reviewed By :Yogesh Patel 08/12/2023  
Supervised By :mohammad ahmed 08/12/2023

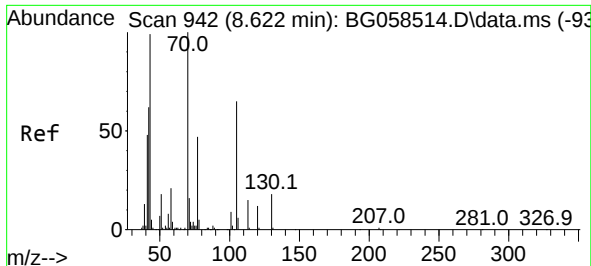


#18  
Hexachloroethane  
Concen: 39.009 ng  
RT: 8.887 min Scan# 987  
Delta R.T. -0.005 min  
Lab File: BG058709.D  
Acq: 11 Aug 2023 19:25



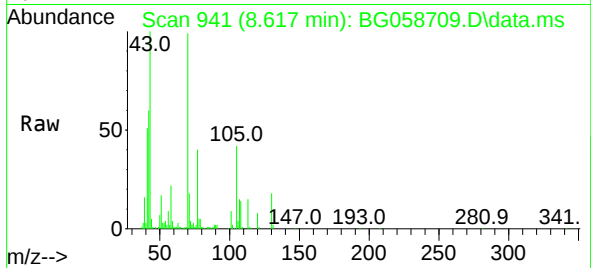
Tgt Ion:117 Resp: 50948  
Ion Ratio Lower Upper  
117 100  
119 92.6 78.6 117.8  
201 112.3 101.4 152.0





#19  
n-Nitroso-di-n-propylamine  
Concen: 38.695 ng  
RT: 8.617 min Scan# 941  
Delta R.T. -0.005 min  
Lab File: BG058709.D  
Acq: 11 Aug 2023 19:25

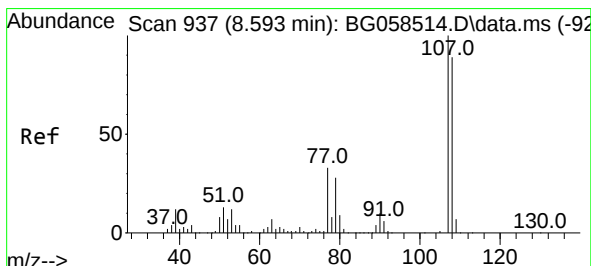
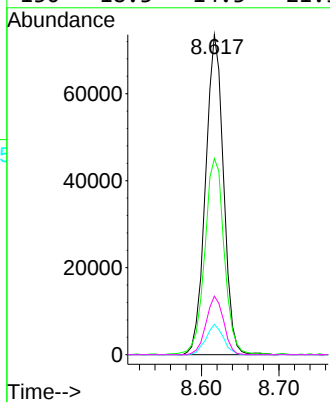
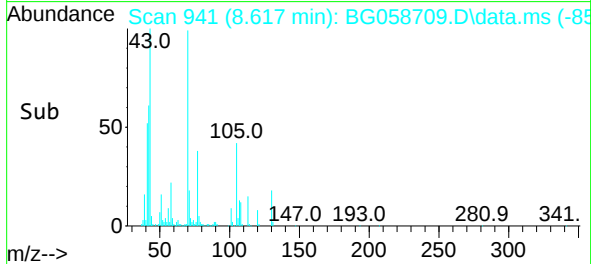
Instrument :  
BNA\_G  
ClientSampleId :  
NEVINS-SB02-Z106-107MSD



Tgt Ion: 70 Resp: 118810  
Ion Ratio Lower Upper  
70 100  
42 61.3 49.7 74.5  
101 9.5 7.0 10.4  
130 18.3 14.3 21.5

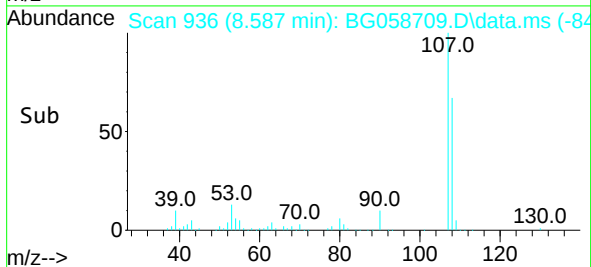
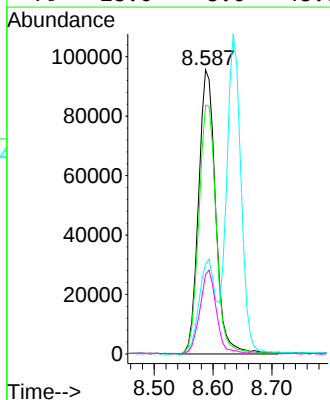
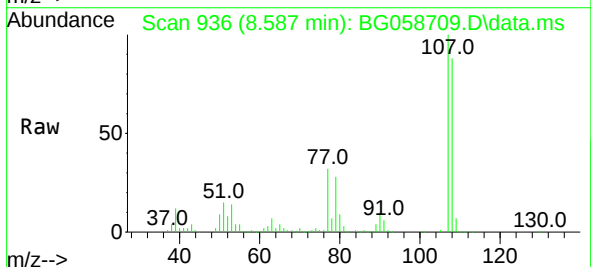
Manual Integrations  
APPROVED

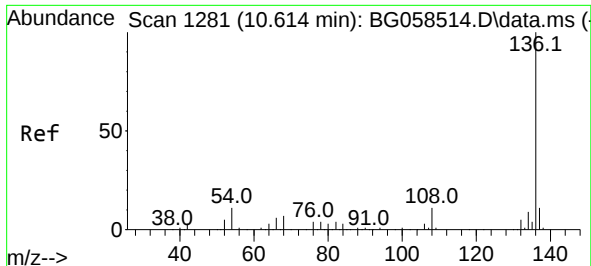
Reviewed By :Yogesh Patel 08/12/2023  
Supervised By :mohammad ahmed 08/12/2023



#20  
3+4-Methylphenols  
Concen: 41.967 ng  
RT: 8.587 min Scan# 936  
Delta R.T. -0.005 min  
Lab File: BG058709.D  
Acq: 11 Aug 2023 19:25

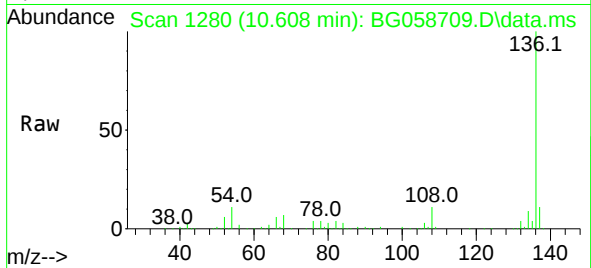
Tgt Ion:107 Resp: 192734  
Ion Ratio Lower Upper  
107 100  
108 87.6 69.4 109.4  
77 31.8 13.0 53.0  
79 28.0 8.0 48.0





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.608 min Scan# 1280  
Delta R.T. -0.005 min  
Lab File: BG058709.D  
Acq: 11 Aug 2023 19:25

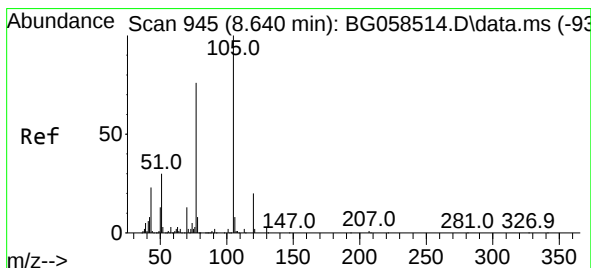
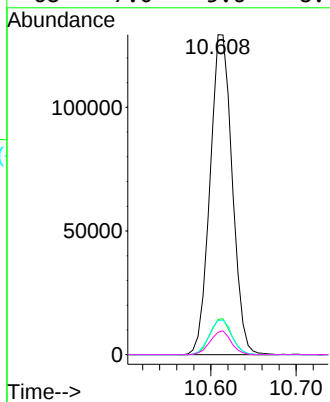
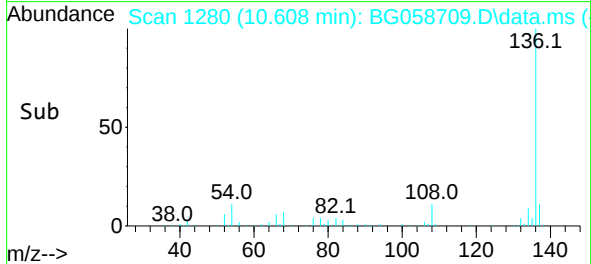
Instrument :  
BNA\_G  
ClientSampleId :  
NEVINS-SB02-Z106-107MSD



Tgt Ion:136 Resp: 233882  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.6 13.0  
54 10.7 8.9 13.3  
68 7.0 5.6 8.4

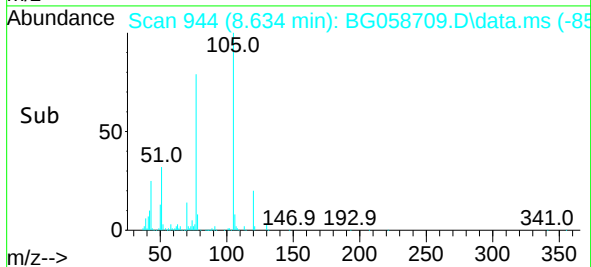
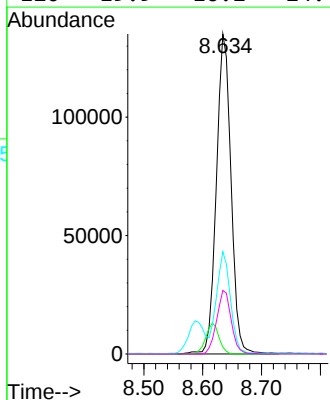
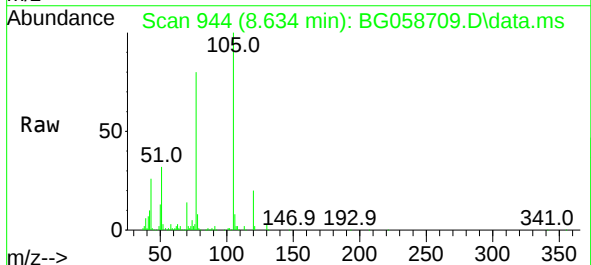
Manual Integrations  
APPROVED

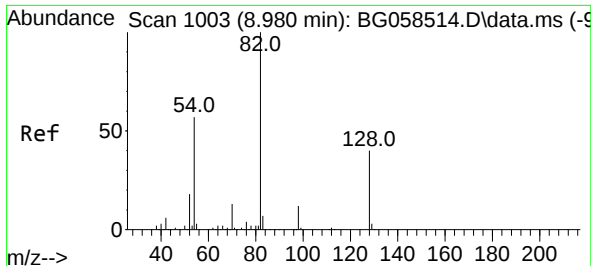
Reviewed By :Yogesh Patel 08/12/2023  
Supervised By :mohammad ahmed 08/12/2023



#22  
Acetophenone  
Concen: 37.317 ng  
RT: 8.634 min Scan# 944  
Delta R.T. -0.005 min  
Lab File: BG058709.D  
Acq: 11 Aug 2023 19:25

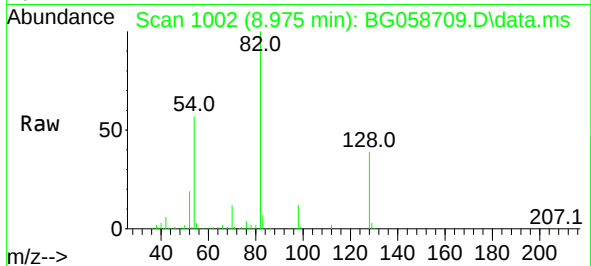
Tgt Ion:105 Resp: 233699  
Ion Ratio Lower Upper  
105 100  
71 2.2 1.8 2.6  
51 32.0 24.2 36.2  
120 19.9 16.2 24.4





#23  
Nitrobenzene-d5  
Concen: 51.854 ng  
RT: 8.975 min Scan# 1002  
Delta R.T. -0.005 min  
Lab File: BG058709.D  
Acq: 11 Aug 2023 19:25

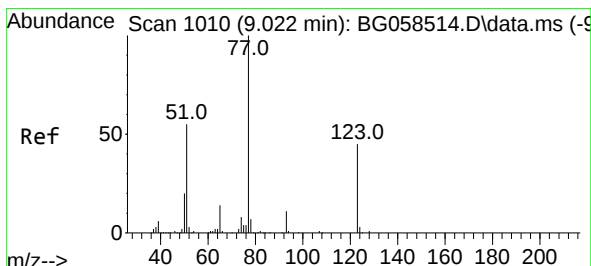
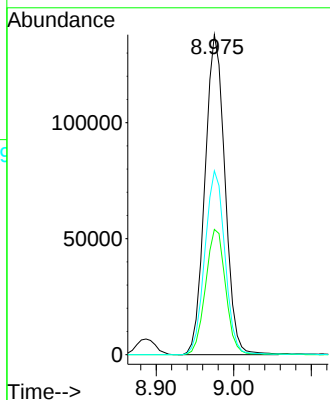
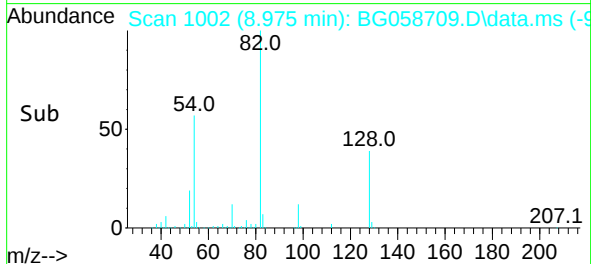
Instrument :  
BNA\_G  
ClientSampleId :  
NEVINS-SB02-Z106-107MSD



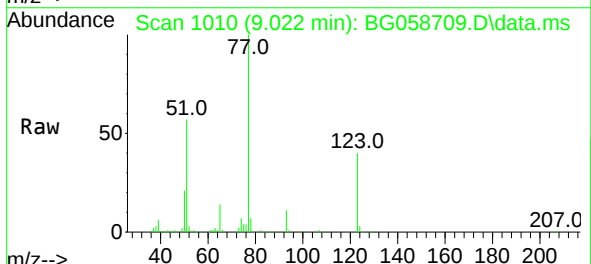
Tgt Ion: 82 Resp: 24687  
Ion Ratio Lower Upper  
82 100  
128 39.2 32.2 48.2  
54 57.4 46.0 69.0

Manual Integrations  
APPROVED

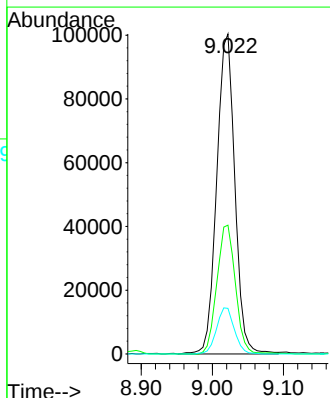
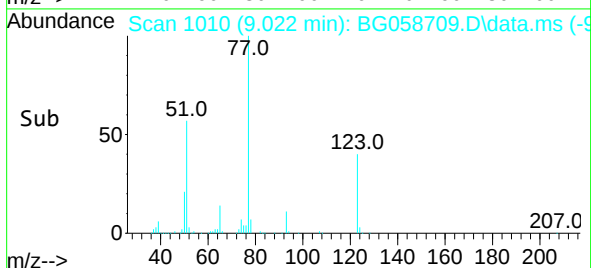
Reviewed By :Yogesh Patel 08/12/2023  
Supervised By :mohammad ahmed 08/12/2023

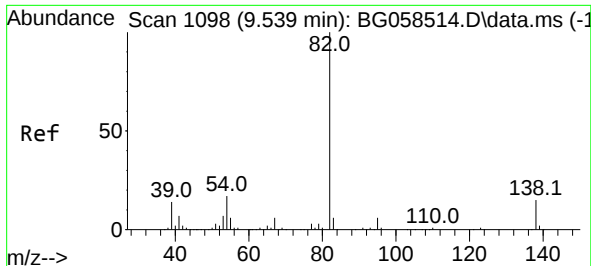


#24  
Nitrobenzene  
Concen: 36.623 ng  
RT: 9.022 min Scan# 1010  
Delta R.T. 0.000 min  
Lab File: BG058709.D  
Acq: 11 Aug 2023 19:25



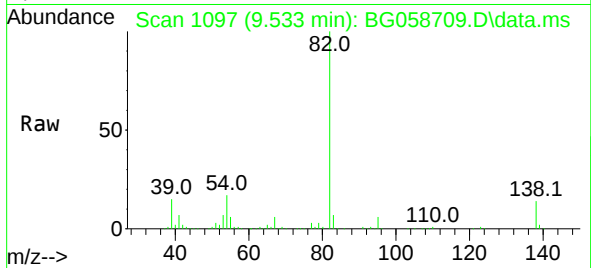
Tgt Ion: 77 Resp: 177258  
Ion Ratio Lower Upper  
77 100  
123 40.3 35.6 53.4  
65 14.3 11.4 17.0





#25  
Isophorone  
Concen: 35.577 ng  
RT: 9.533 min Scan# 1097  
Delta R.T. -0.005 min  
Lab File: BG058709.D  
Acq: 11 Aug 2023 19:25

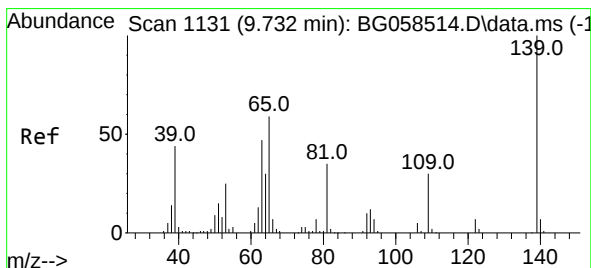
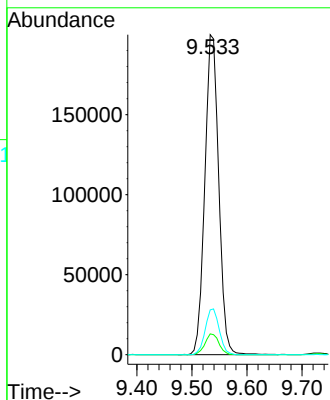
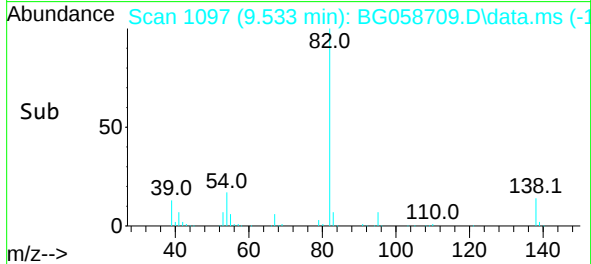
Instrument :  
BNA\_G  
ClientSampleId :  
NEVINS-SB02-Z106-107MSD



Tgt Ion: 82 Resp: 34997  
Ion Ratio Lower Upper  
82 100  
95 6.5 5.1 7.7  
138 14.0 11.9 17.9

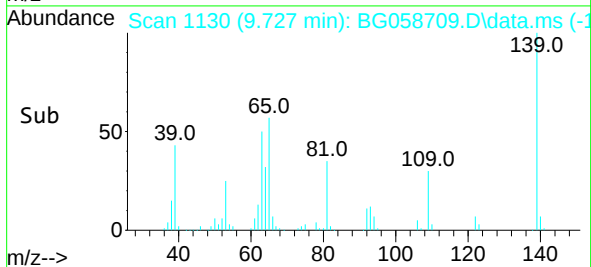
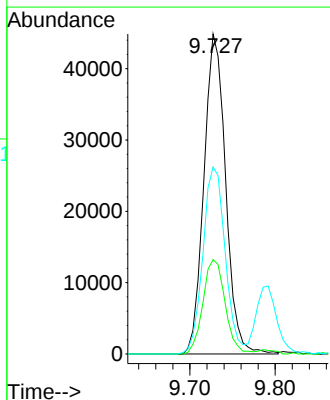
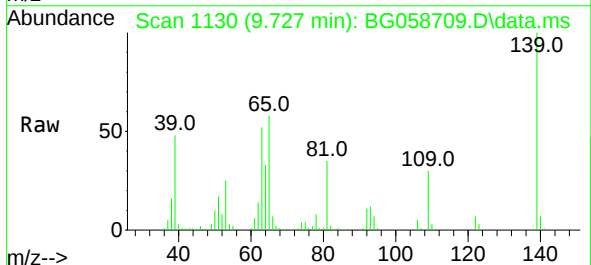
Manual Integrations  
APPROVED

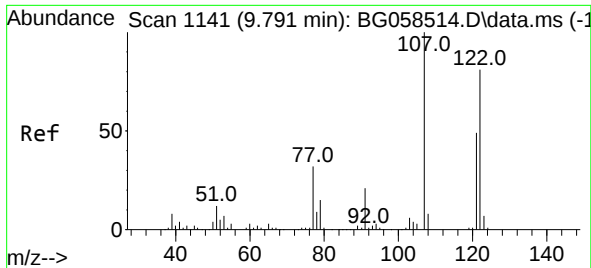
Reviewed By :Yogesh Patel 08/12/2023  
Supervised By :mohammad ahmed 08/12/2023



#26  
2-Nitrophenol  
Concen: 37.740 ng  
RT: 9.727 min Scan# 1130  
Delta R.T. -0.005 min  
Lab File: BG058709.D  
Acq: 11 Aug 2023 19:25

Tgt Ion:139 Resp: 79514  
Ion Ratio Lower Upper  
139 100  
109 29.5 24.2 36.2  
65 58.4 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 38.338 ng

RT: 9.792 min Scan# 1141

Delta R.T. 0.000 min

Lab File: BG058709.D

Acq: 11 Aug 2023 19:25

Instrument :

BNA\_G

ClientSampleId :

NEVINS-SB02-Z106-107MSD

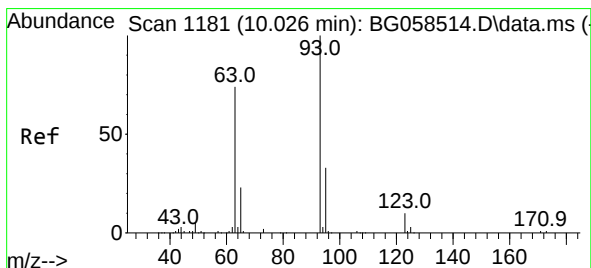
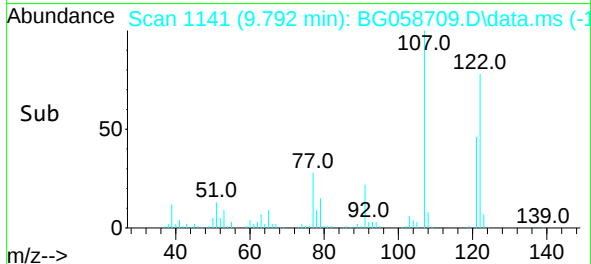
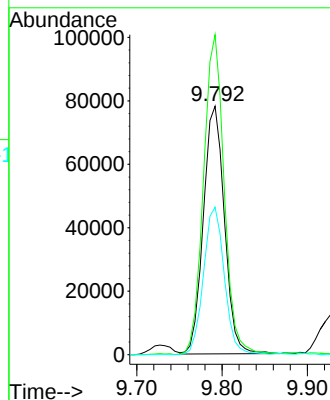
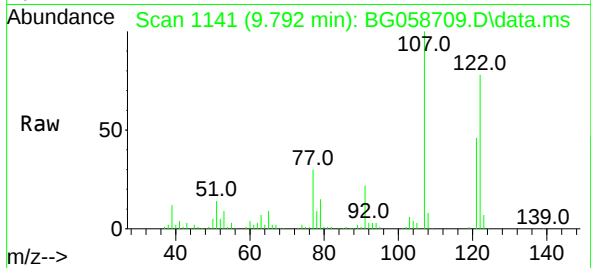
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 122   | Resp: | 13398 |
| Ion Ratio | Lower | Upper |       |
| 122       | 100   |       |       |
| 107       | 128.7 | 98.0  | 147.0 |
| 121       | 59.3  | 47.8  | 71.6  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/12/2023

Supervised By :mohammad ahmed 08/12/2023



#28

bis(2-Chloroethoxy)methane

Concen: 37.705 ng

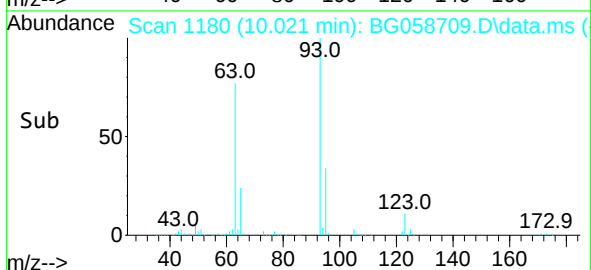
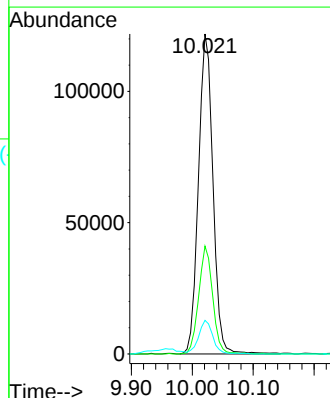
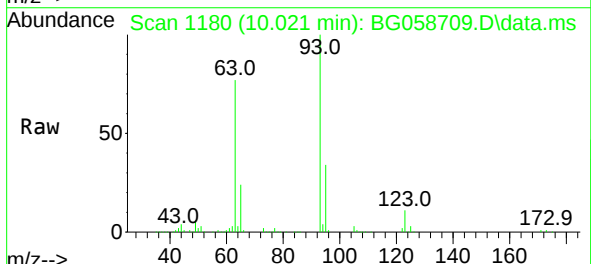
RT: 10.021 min Scan# 1180

Delta R.T. -0.005 min

Lab File: BG058709.D

Acq: 11 Aug 2023 19:25

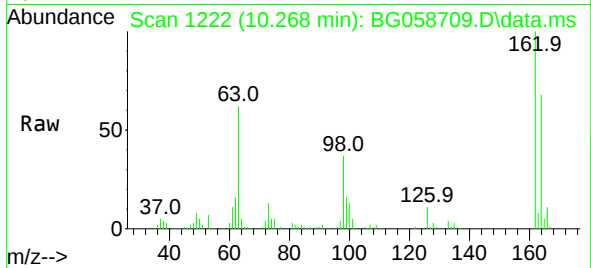
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 201846 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 95        | 33.7  | 26.0  | 39.0   |
| 123       | 10.5  | 7.8   | 11.8   |





#29  
2,4-Dichlorophenol  
Concen: 40.633 ng  
RT: 10.268 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BG058709.D  
Acq: 11 Aug 2023 19:25

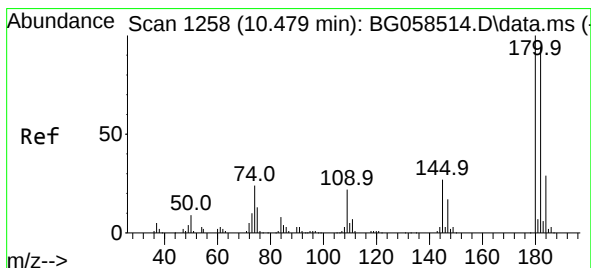
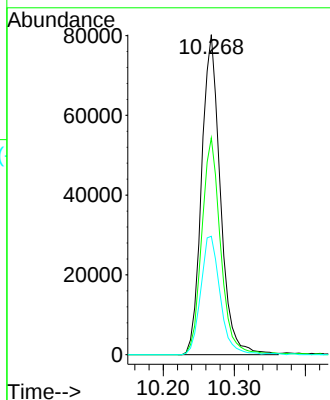
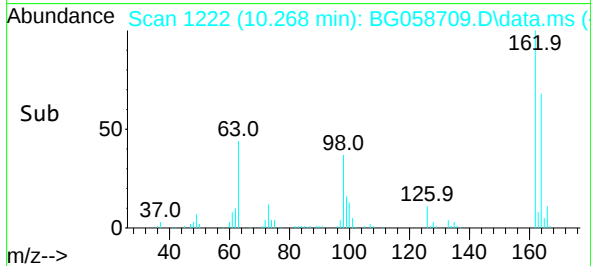
Instrument :  
BNA\_G  
ClientSampleId :  
NEVINS-SB02-Z106-107MSD



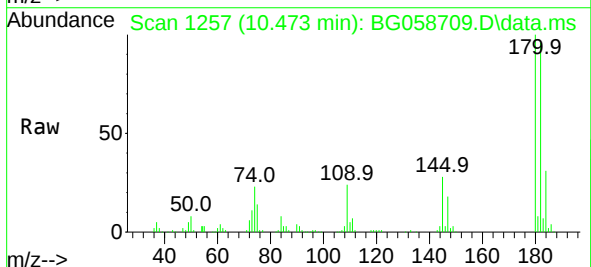
Tgt Ion:162 Resp: 147439  
Ion Ratio Lower Upper  
162 100  
164 67.8 47.6 87.6  
98 37.0 17.1 57.1

Manual Integrations  
APPROVED

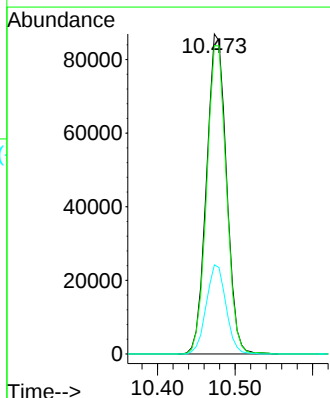
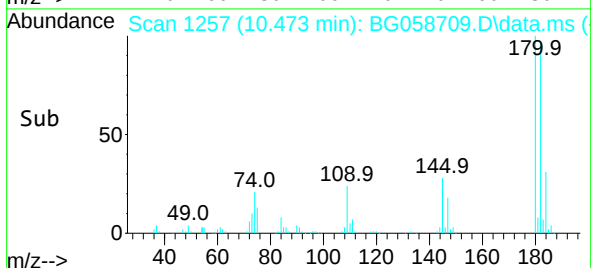
Reviewed By :Yogesh Patel 08/12/2023  
Supervised By :mohammad ahmed 08/12/2023

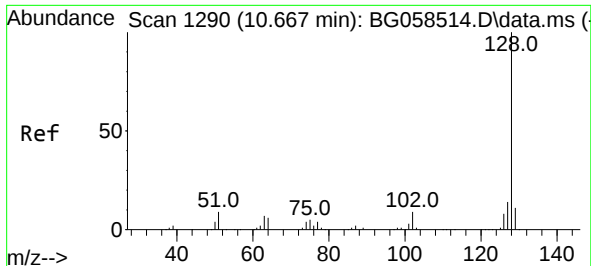


#30  
1,2,4-Trichlorobenzene  
Concen: 37.166 ng  
RT: 10.473 min Scan# 1257  
Delta R.T. -0.005 min  
Lab File: BG058709.D  
Acq: 11 Aug 2023 19:25



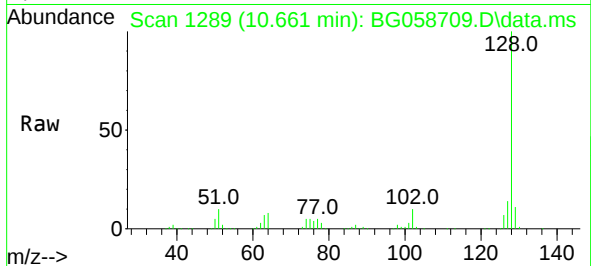
Tgt Ion:180 Resp: 155528  
Ion Ratio Lower Upper  
180 100  
182 96.3 75.0 112.4  
145 27.8 21.9 32.9





#31  
Naphthalene  
Concen: 36.356 ng  
RT: 10.661 min Scan# 1170  
Delta R.T. -0.005 min  
Lab File: BG058709.D  
Acq: 11 Aug 2023 19:25

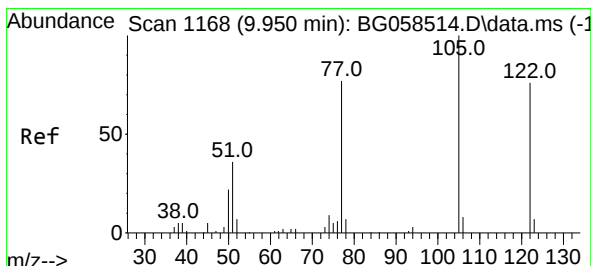
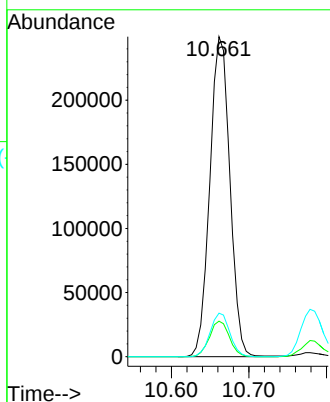
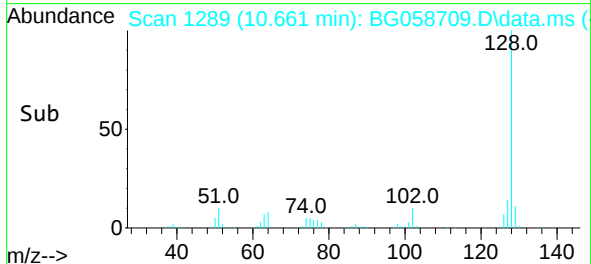
Instrument : BNA\_G  
ClientSampleId : NEVINS-SB02-Z106-107MSD



Tgt Ion:128 Resp: 448154  
Ion Ratio Lower Upper  
128 100  
129 11.1 8.8 13.2  
127 13.6 10.9 16.3

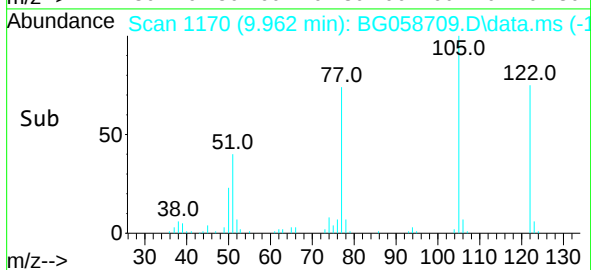
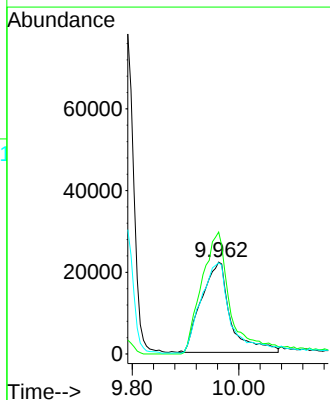
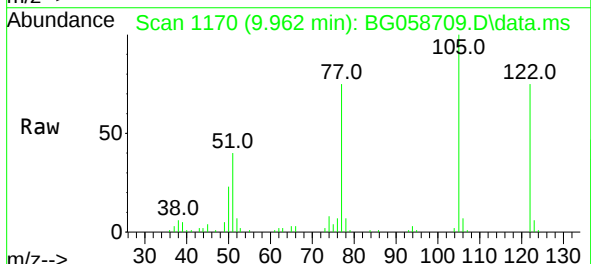
Manual Integrations  
APPROVED

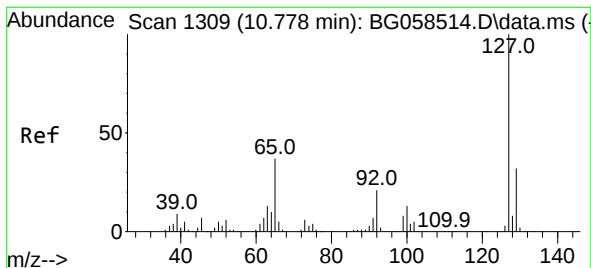
Reviewed By :Yogesh Patel 08/12/2023  
Supervised By :mohammad ahmed 08/12/2023



#32  
Benzoic acid  
Concen: 32.900 ng  
RT: 9.962 min Scan# 1170  
Delta R.T. 0.012 min  
Lab File: BG058709.D  
Acq: 11 Aug 2023 19:25

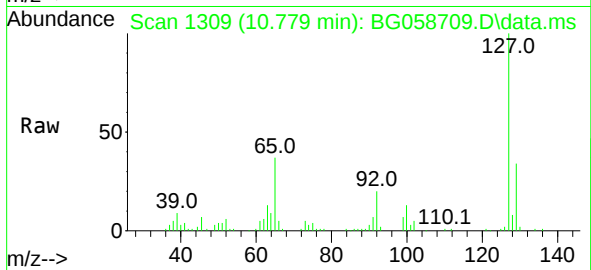
Tgt Ion:122 Resp: 83543  
Ion Ratio Lower Upper  
122 100  
105 132.7 106.5 146.5  
77 99.4 78.1 118.1





#33  
4-Chloroaniline  
Concen: 15.119 ng  
RT: 10.779 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BG058709.D  
Acq: 11 Aug 2023 19:25

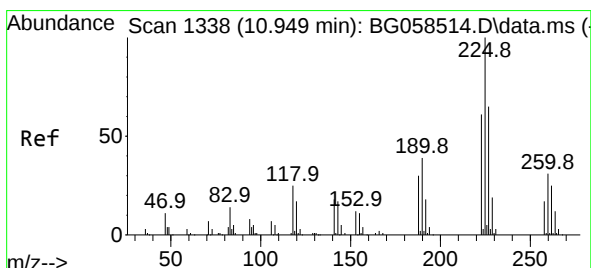
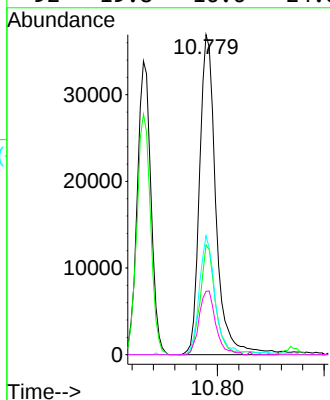
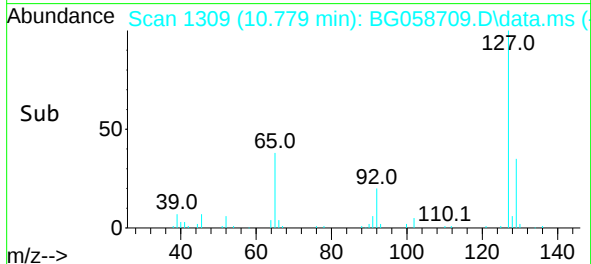
Instrument :  
BNA\_G  
ClientSampleId :  
NEVINS-SB02-Z106-107MSD



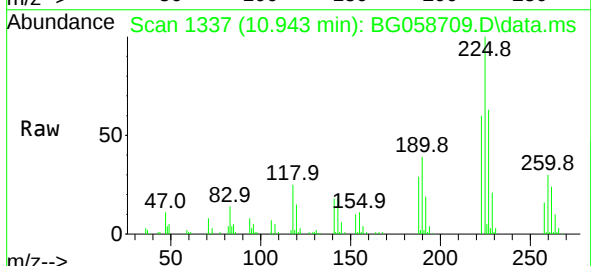
Tgt Ion:127 Resp: 7874  
Ion Ratio Lower Upper  
127 100  
129 34.3 25.4 38.2  
65 37.2 29.5 44.3  
92 19.8 16.6 24.8

Manual Integrations  
APPROVED

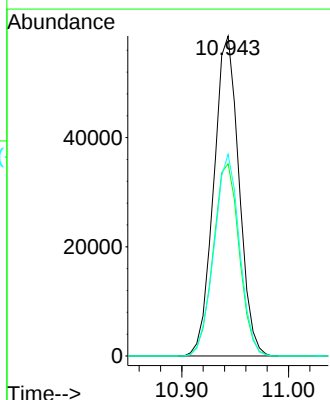
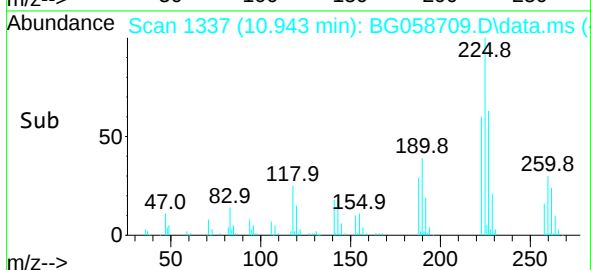
Reviewed By :Yogesh Patel 08/12/2023  
Supervised By :mohammad ahmed 08/12/2023

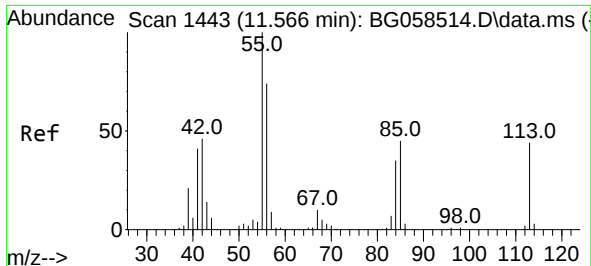


#34  
Hexachlorobutadiene  
Concen: 35.688 ng  
RT: 10.943 min Scan# 1337  
Delta R.T. -0.005 min  
Lab File: BG058709.D  
Acq: 11 Aug 2023 19:25



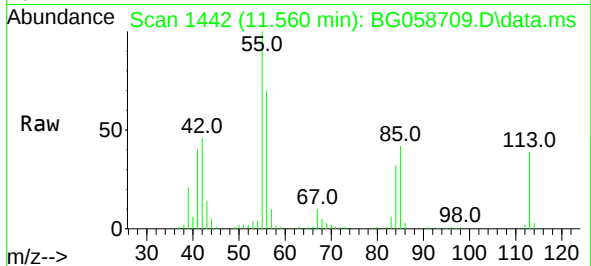
Tgt Ion:225 Resp: 96175  
Ion Ratio Lower Upper  
225 100  
223 60.0 49.0 73.6  
227 63.0 51.7 77.5





#35  
Caprolactam  
Concen: 38.147 ng m  
RT: 11.560 min Scan# 1443  
Delta R.T. -0.005 min  
Lab File: BG058709.D  
Acq: 11 Aug 2023 19:25

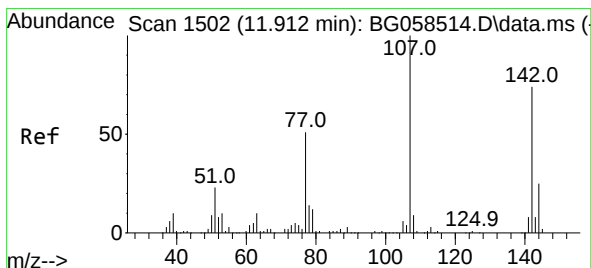
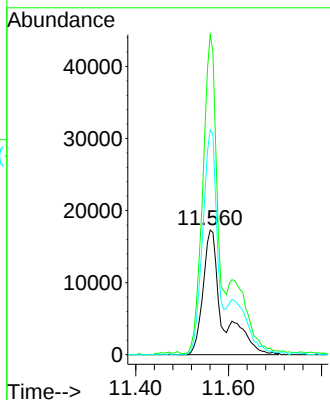
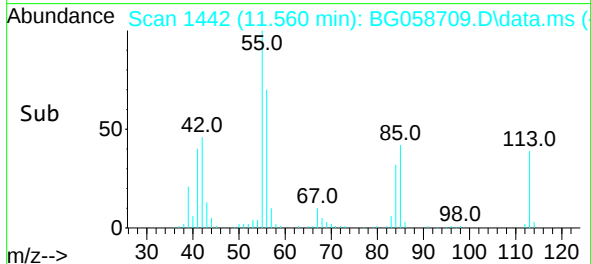
Instrument :  
BNA\_G  
ClientSampleId :  
NEVINS-SB02-Z106-107MSD



Tgt Ion:113 Resp: 51115  
Ion Ratio Lower Upper  
113 100  
55 256.8 208.0 248.0  
56 180.5 148.6 188.6

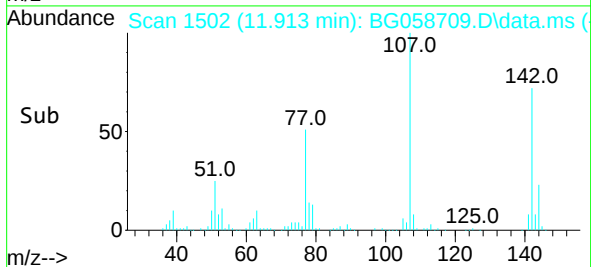
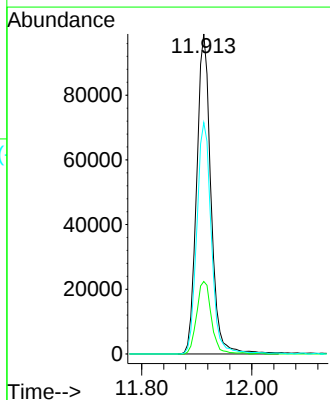
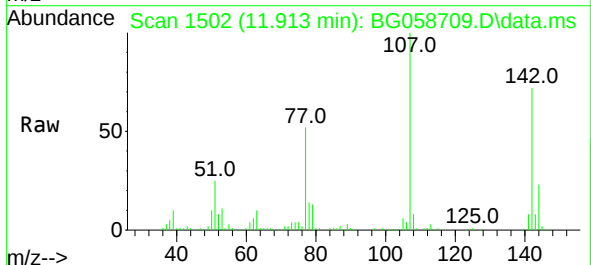
Manual Integrations  
APPROVED

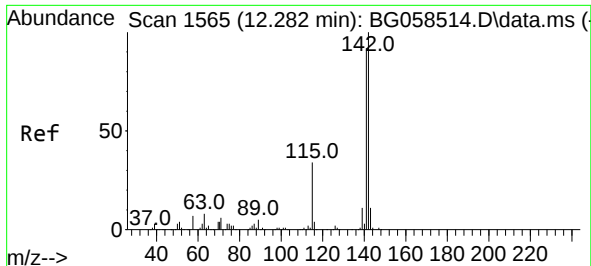
Reviewed By :Yogesh Patel 08/12/2023  
Supervised By :mohammad ahmed 08/12/2023



#36  
4-Chloro-3-methylphenol  
Concen: 39.665 ng  
RT: 11.913 min Scan# 1502  
Delta R.T. 0.000 min  
Lab File: BG058709.D  
Acq: 11 Aug 2023 19:25

Tgt Ion:107 Resp: 178045  
Ion Ratio Lower Upper  
107 100  
144 22.7 19.6 29.4  
142 72.3 59.3 88.9





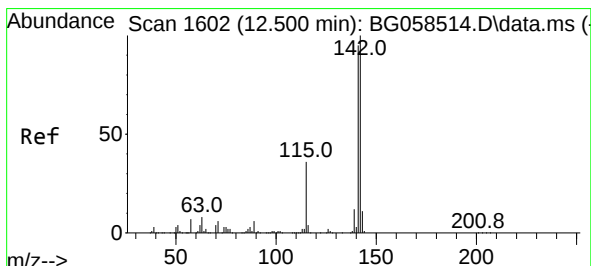
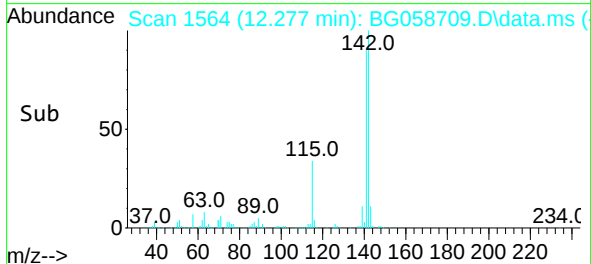
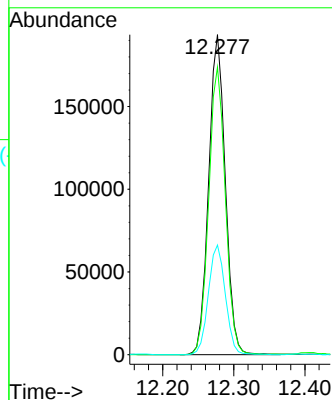
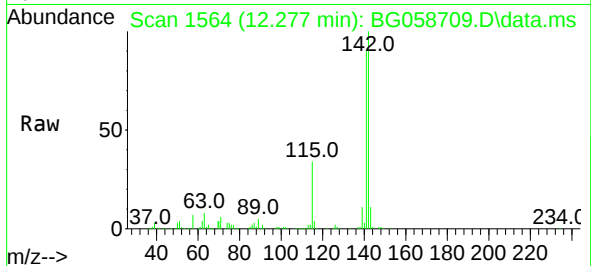
#37  
2-Methylnaphthalene  
Concen: 35.805 ng  
RT: 12.277 min Scan# 11  
Delta R.T. -0.005 min  
Lab File: BG058709.D  
Acq: 11 Aug 2023 19:25

Instrument :  
BNA\_G  
ClientSampleId :  
NEVINS-SB02-Z106-107MSD

Tgt Ion:142 Resp: 315718  
Ion Ratio Lower Upper  
142 100  
141 89.8 73.5 110.3  
115 34.3 27.4 41.0

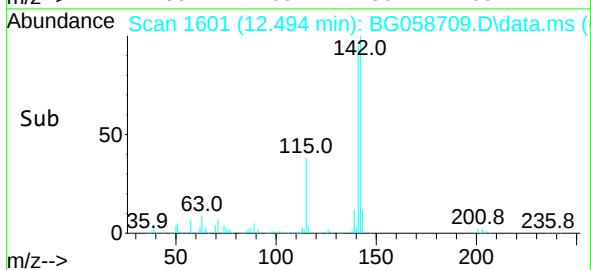
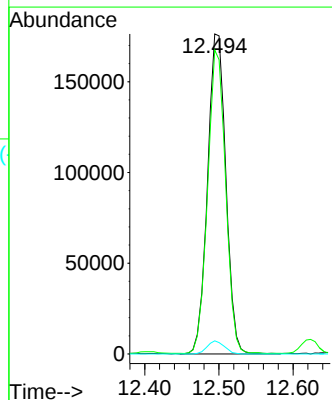
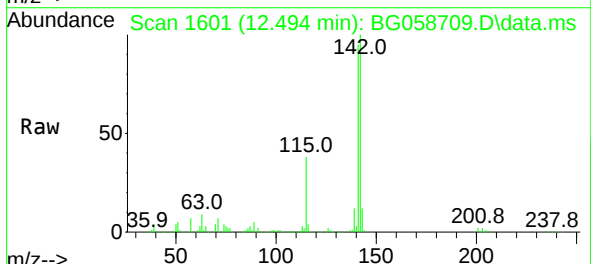
Manual Integrations  
APPROVED

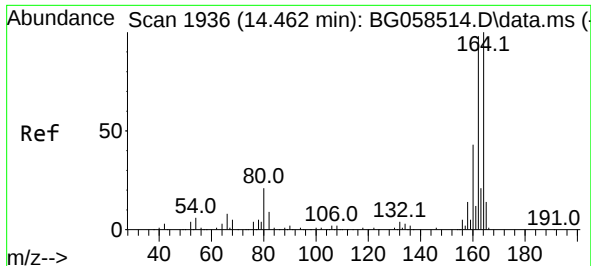
Reviewed By :Yogesh Patel 08/12/2023  
Supervised By :mohammad ahmed 08/12/2023



#38  
1-Methylnaphthalene  
Concen: 36.146 ng  
RT: 12.494 min Scan# 1601  
Delta R.T. -0.005 min  
Lab File: BG058709.D  
Acq: 11 Aug 2023 19:25

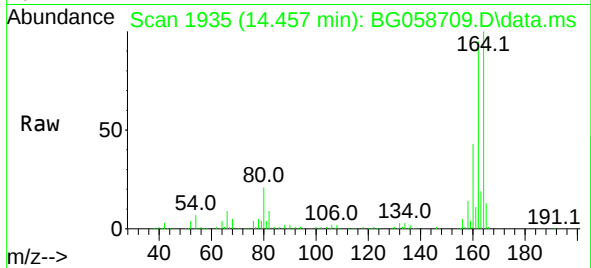
Tgt Ion:142 Resp: 302971  
Ion Ratio Lower Upper  
142 100  
141 95.0 75.7 113.5  
116 4.1 3.2 4.8





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.457 min Scan# 1935  
Delta R.T. -0.005 min  
Lab File: BG058709.D  
Acq: 11 Aug 2023 19:25

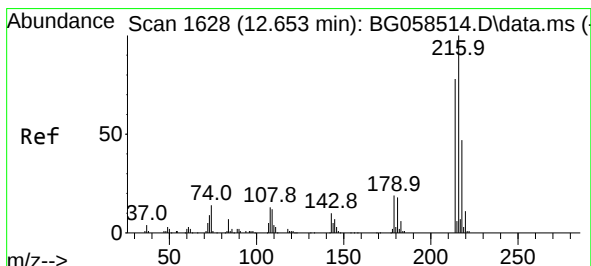
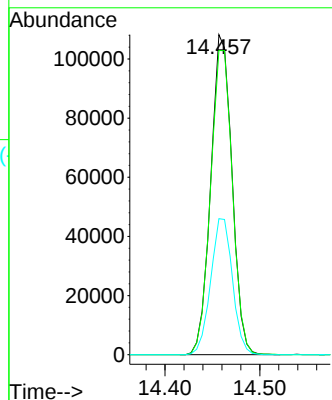
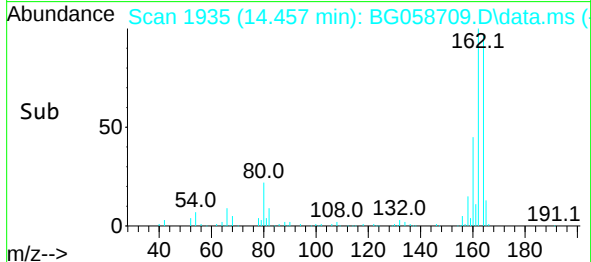
Instrument :  
BNA\_G  
ClientSampleId :  
NEVINS-SB02-Z106-107MSD



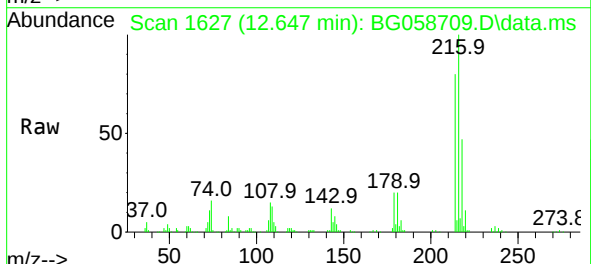
Tgt Ion:164 Resp: 167980  
Ion Ratio Lower Upper  
164 100  
162 95.1 78.3 117.5  
160 42.5 34.1 51.1

Manual Integrations  
APPROVED

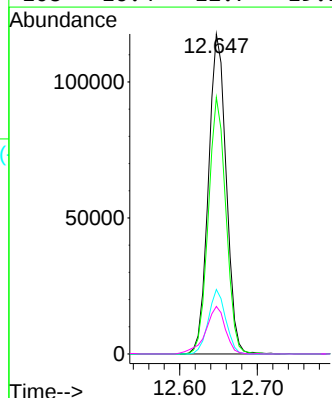
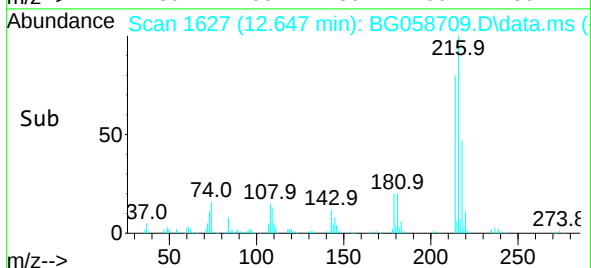
Reviewed By :Yogesh Patel 08/12/2023  
Supervised By :mohammad ahmed 08/12/2023

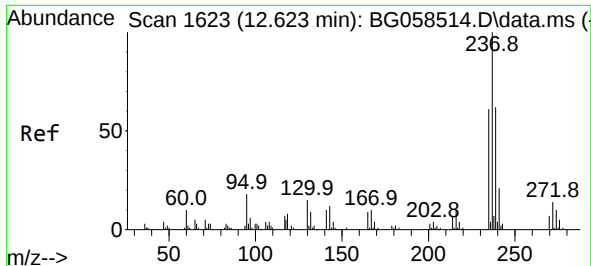


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 36.257 ng  
RT: 12.647 min Scan# 1627  
Delta R.T. -0.005 min  
Lab File: BG058709.D  
Acq: 11 Aug 2023 19:25



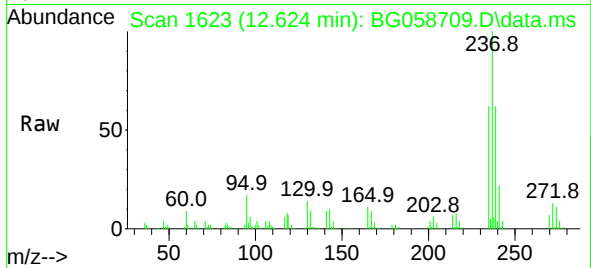
Tgt Ion:216 Resp: 186983  
Ion Ratio Lower Upper  
216 100  
214 79.3 63.1 94.7  
179 19.6 15.6 23.4  
108 16.4 12.7 19.1





#41  
Hexachlorocyclopentadiene  
Concen: 55.373 ng  
RT: 12.624 min Scan# 1623  
Delta R.T. 0.001 min  
Lab File: BG058709.D  
Acq: 11 Aug 2023 19:25

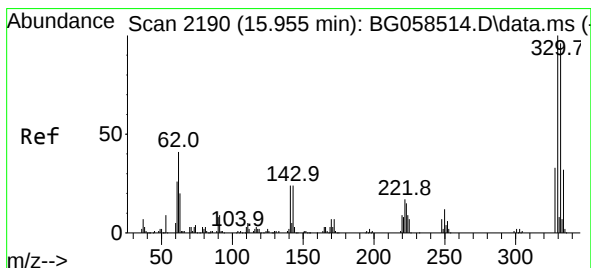
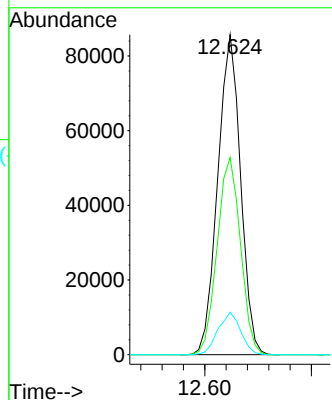
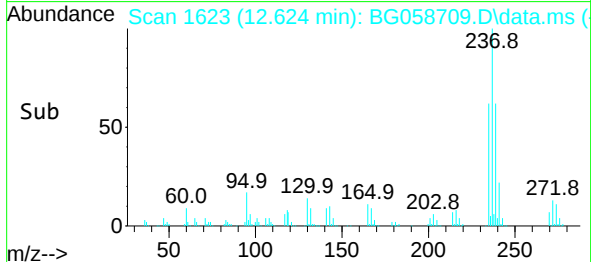
Instrument :  
BNA\_G  
ClientSampleId :  
NEVINS-SB02-Z106-107MSD



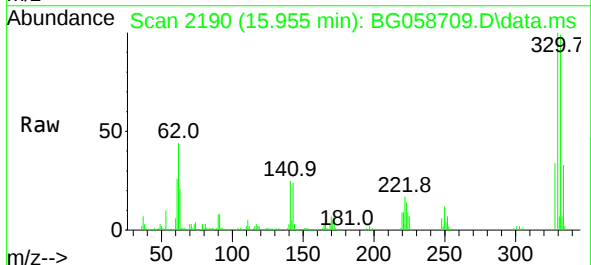
Tgt Ion: 237 Resp: 127145  
Ion Ratio Lower Upper  
237 100  
235 61.6 41.0 81.0  
272 13.2 0.0 33.6

Manual Integrations  
APPROVED

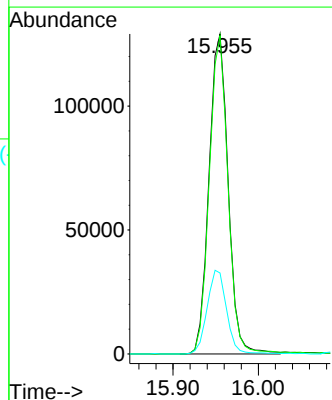
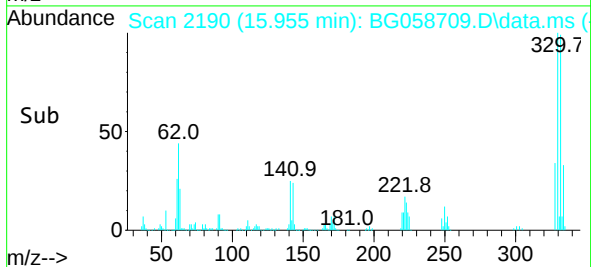
Reviewed By :Yogesh Patel 08/12/2023  
Supervised By :mohammad ahmed 08/12/2023

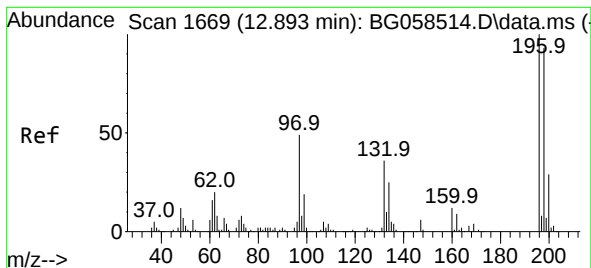


#42  
2,4,6-Tribromophenol  
Concen: 73.102 ng  
RT: 15.955 min Scan# 2190  
Delta R.T. 0.000 min  
Lab File: BG058709.D  
Acq: 11 Aug 2023 19:25



Tgt Ion: 330 Resp: 201273  
Ion Ratio Lower Upper  
330 100  
332 97.8 77.5 116.3  
141 26.6 20.7 31.1





#43

2,4,6-Trichlorophenol

Concen: 37.929 ng

RT: 12.894 min Scan# 1669

Delta R.T. 0.000 min

Lab File: BG058709.D

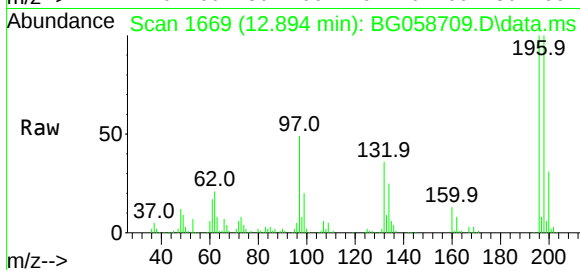
Acq: 11 Aug 2023 19:25

Instrument :

BNA\_G

ClientSampleId :

NEVINS-SB02-Z106-107MSD



Tgt Ion:196 Resp: 134539

Ion Ratio Lower Upper

196 100

198 99.7 74.2 111.4

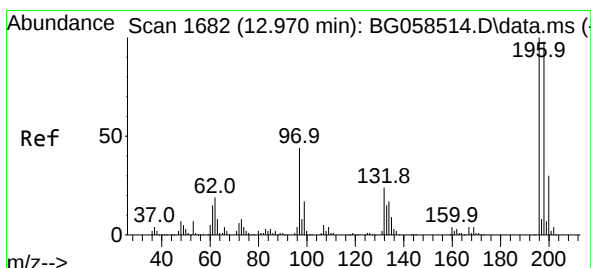
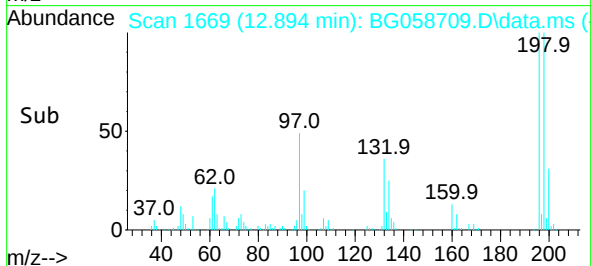
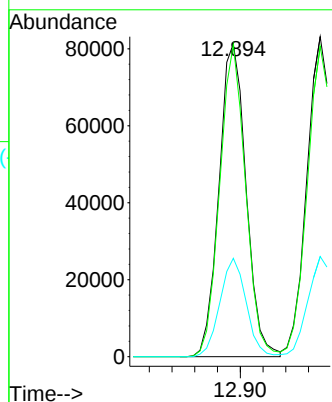
200 31.4 22.9 34.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/12/2023

Supervised By :mohammad ahmed 08/12/2023



#44

2,4,5-Trichlorophenol

Concen: 34.629 ng

RT: 12.970 min Scan# 1682

Delta R.T. 0.000 min

Lab File: BG058709.D

Acq: 11 Aug 2023 19:25

Tgt Ion:196 Resp: 144680

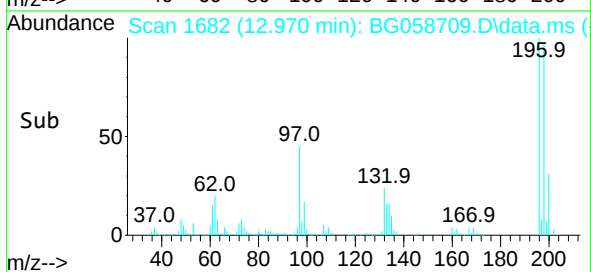
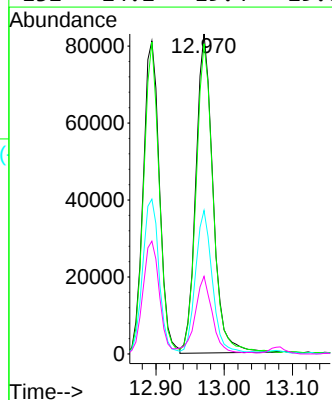
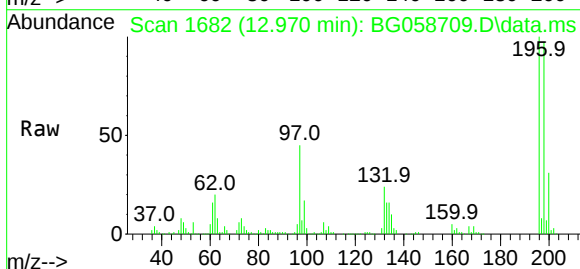
Ion Ratio Lower Upper

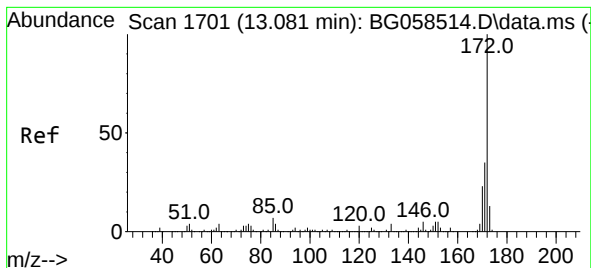
196 100

198 97.0 78.3 117.5

97 44.9 35.2 52.8

132 24.2 19.4 29.0





#45

2-Fluorobiphenyl

Concen: 50.185 ng

RT: 13.076 min Scan# 1700

Delta R.T. -0.005 min

Lab File: BG058709.D

Acq: 11 Aug 2023 19:25

Instrument :

BNA\_G

ClientSampleId :

NEVINS-SB02-Z106-107MSD

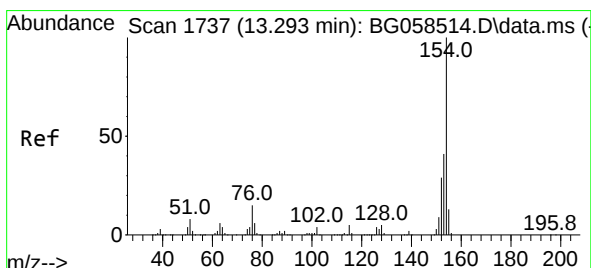
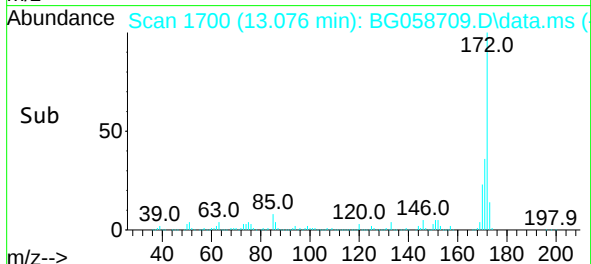
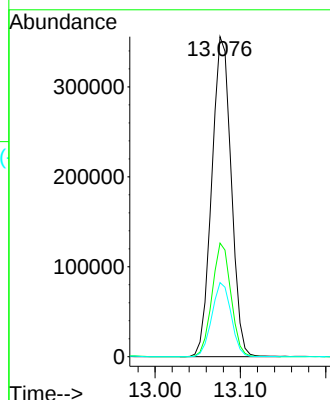
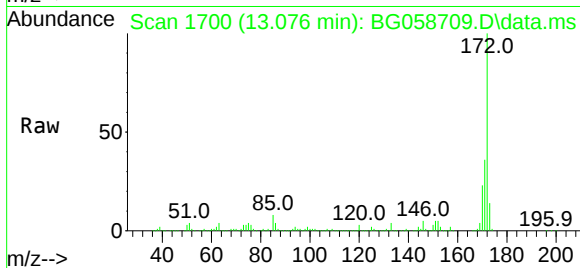
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 172   | Resp: | 56253 |
| Ion Ratio | Lower | Upper |       |
| 172       | 100   |       |       |
| 171       | 35.5  | 28.0  | 42.0  |
| 170       | 23.2  | 18.4  | 27.6  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/12/2023

Supervised By :mohammad ahmed 08/12/2023



#46

1,1'-Biphenyl

Concen: 36.569 ng

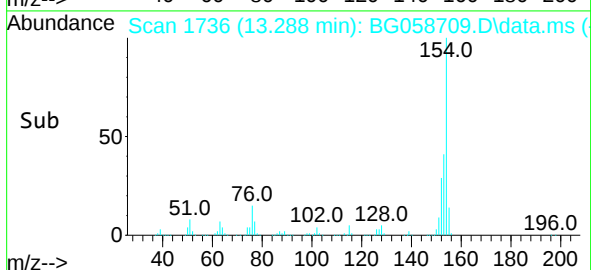
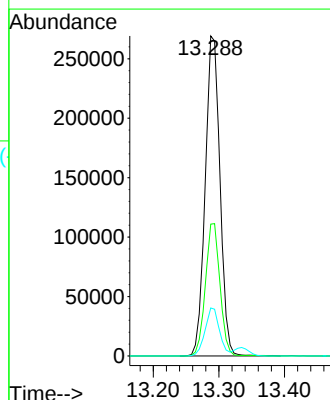
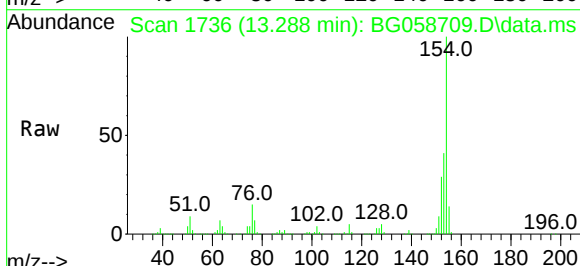
RT: 13.288 min Scan# 1736

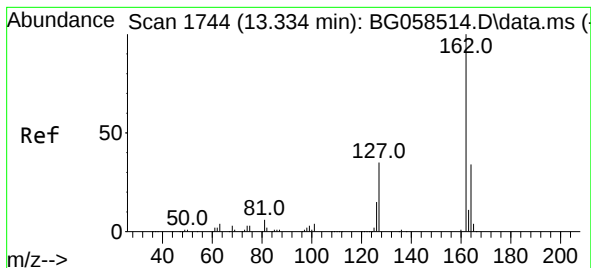
Delta R.T. -0.005 min

Lab File: BG058709.D

Acq: 11 Aug 2023 19:25

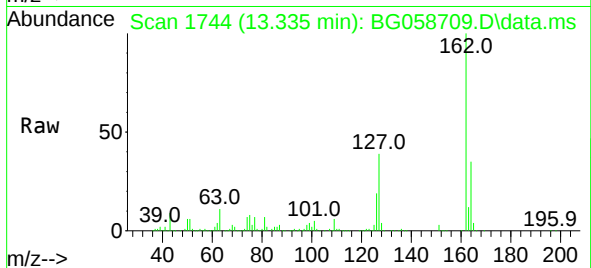
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 421865 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 41.2  | 21.2  | 61.2   |
| 76        | 15.0  | 0.0   | 34.7   |





#47  
2-Chloronaphthalene  
Concen: 37.215 ng  
RT: 13.335 min Scan# 1744  
Delta R.T. 0.000 min  
Lab File: BG058709.D  
Acq: 11 Aug 2023 19:25

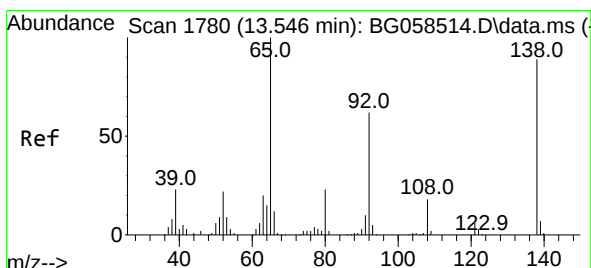
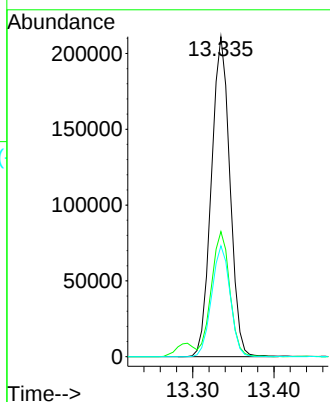
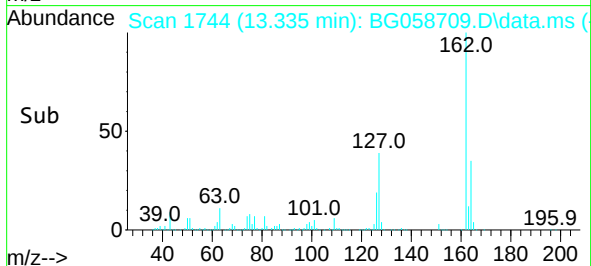
Instrument :  
BNA\_G  
ClientSampleId :  
NEVINS-SB02-Z106-107MSD



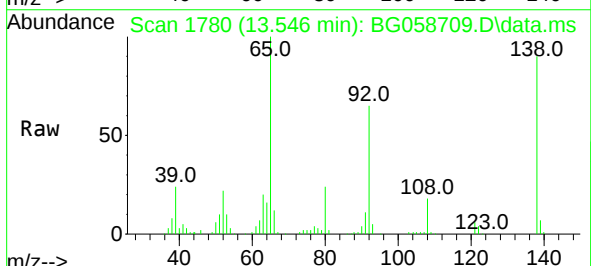
Tgt Ion:162 Resp: 334735  
Ion Ratio Lower Upper  
162 100  
127 39.1 30.9 46.3  
164 34.6 27.2 40.8

Manual Integrations  
APPROVED

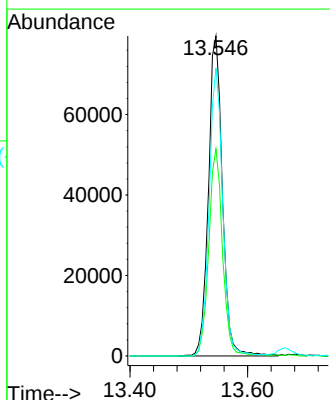
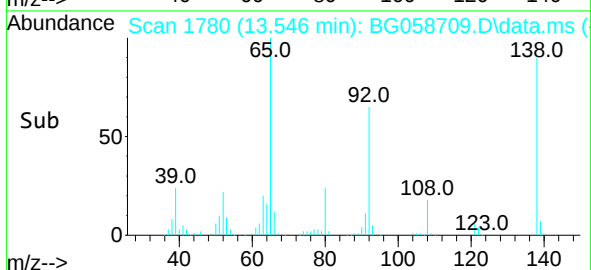
Reviewed By :Yogesh Patel 08/12/2023  
Supervised By :mohammad ahmed 08/12/2023

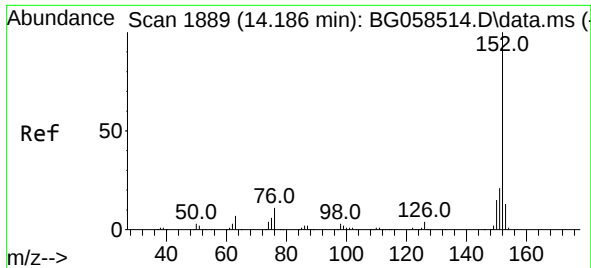


#48  
2-Nitroaniline  
Concen: 38.215 ng  
RT: 13.546 min Scan# 1780  
Delta R.T. 0.000 min  
Lab File: BG058709.D  
Acq: 11 Aug 2023 19:25



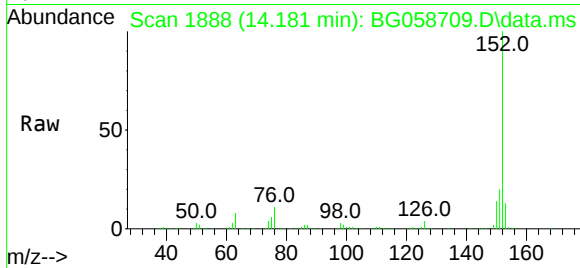
Tgt Ion: 65 Resp: 131200  
Ion Ratio Lower Upper  
65 100  
92 64.7 49.2 73.8  
138 89.9 71.5 107.3





#49  
Acenaphthylene  
Concen: 37.209 ng  
RT: 14.181 min Scan# 1888  
Delta R.T. -0.005 min  
Lab File: BG058709.D  
Acq: 11 Aug 2023 19:25

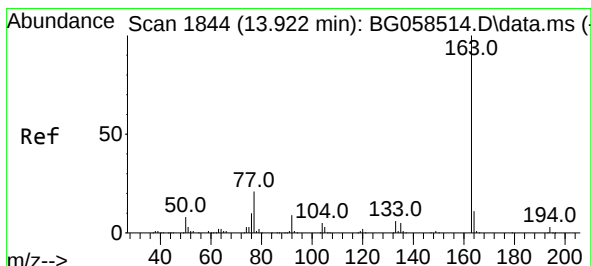
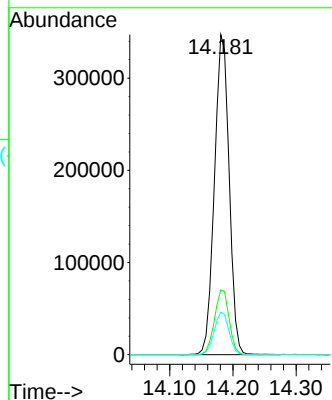
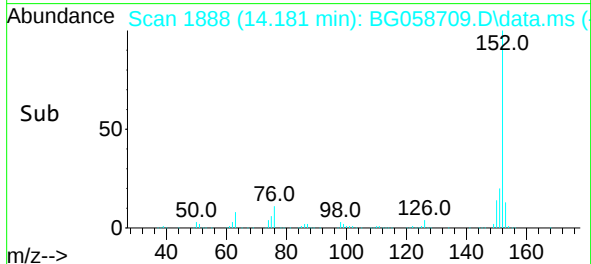
Instrument :  
BNA\_G  
ClientSampleId :  
NEVINS-SB02-Z106-107MSD



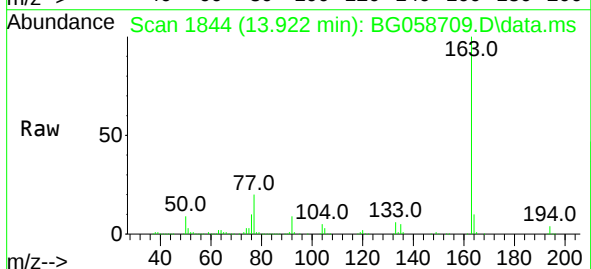
Tgt Ion:152 Resp: 56034  
Ion Ratio Lower Upper  
152 100  
151 20.2 16.5 24.7  
153 13.3 10.7 16.1

Manual Integrations  
APPROVED

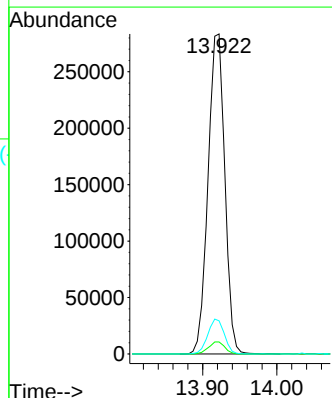
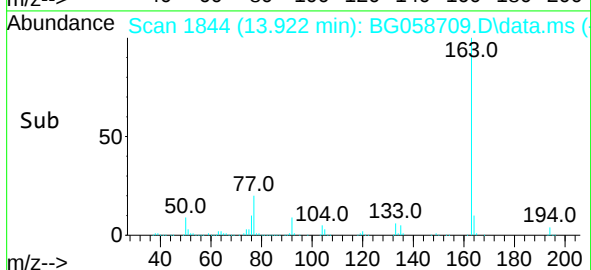
Reviewed By :Yogesh Patel 08/12/2023  
Supervised By :mohammad ahmed 08/12/2023

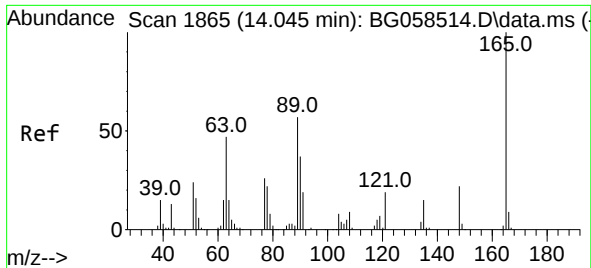


#50  
Dimethylphthalate  
Concen: 35.283 ng  
RT: 13.922 min Scan# 1844  
Delta R.T. 0.000 min  
Lab File: BG058709.D  
Acq: 11 Aug 2023 19:25



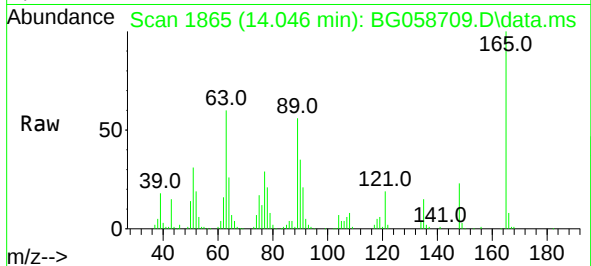
Tgt Ion:163 Resp: 445119  
Ion Ratio Lower Upper  
163 100  
194 3.7 2.7 4.1  
164 10.3 8.6 12.8





#51  
2,6-Dinitrotoluene  
Concen: 36.675 ng  
RT: 14.046 min Scan# 1865  
Delta R.T. 0.000 min  
Lab File: BG058709.D  
Acq: 11 Aug 2023 19:25

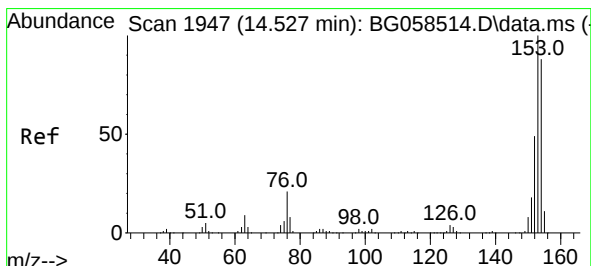
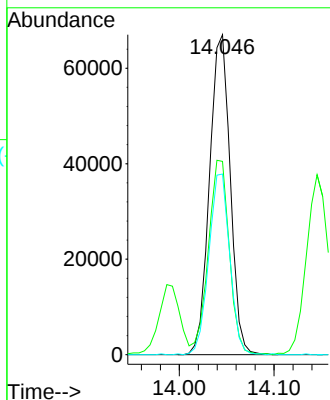
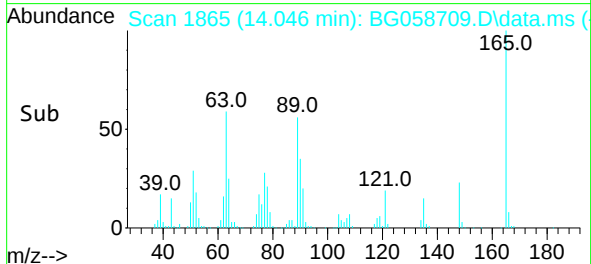
Instrument :  
BNA\_G  
ClientSampleId :  
NEVINS-SB02-Z106-107MSD



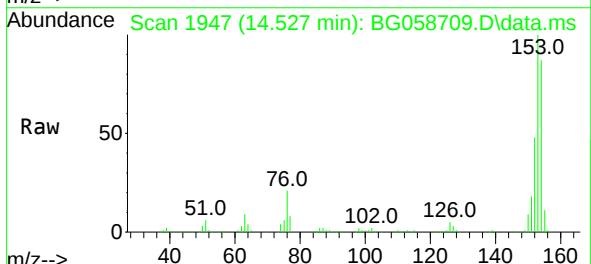
Tgt Ion:165 Resp: 101520  
Ion Ratio Lower Upper  
165 100  
63 60.4 46.4 69.6  
89 56.4 45.3 67.9

Manual Integrations  
APPROVED

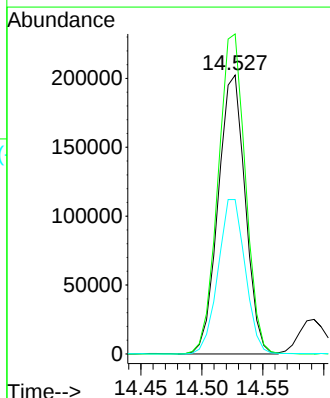
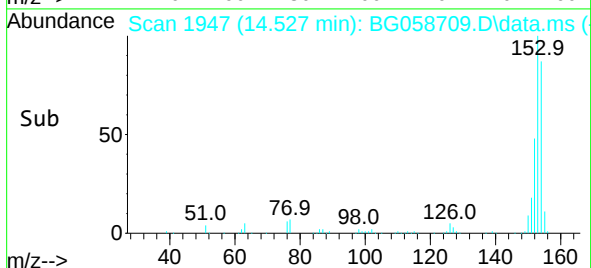
Reviewed By :Yogesh Patel 08/12/2023  
Supervised By :mohammad ahmed 08/12/2023

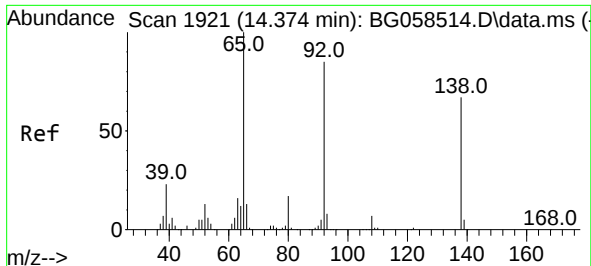


#52  
Acenaphthene  
Concen: 35.948 ng  
RT: 14.527 min Scan# 1947  
Delta R.T. 0.000 min  
Lab File: BG058709.D  
Acq: 11 Aug 2023 19:25



Tgt Ion:154 Resp: 312799  
Ion Ratio Lower Upper  
154 100  
153 114.8 91.1 136.7  
152 55.4 44.6 66.8





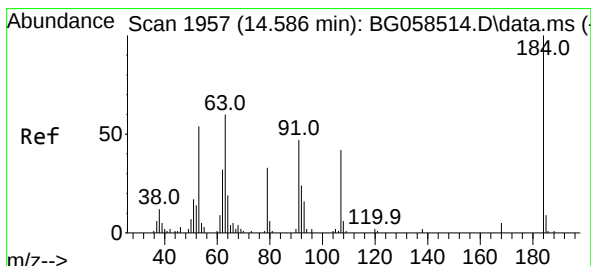
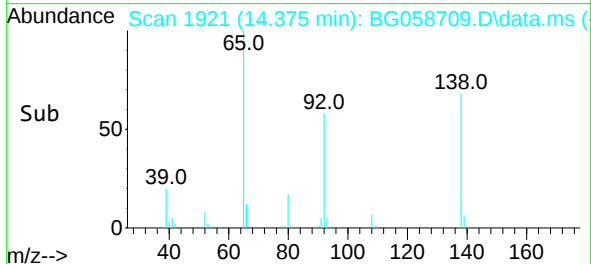
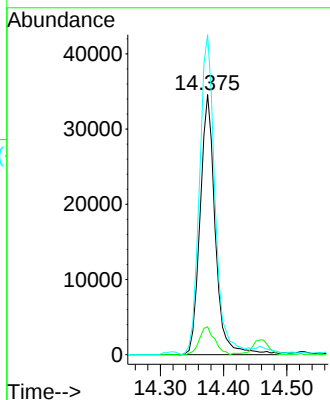
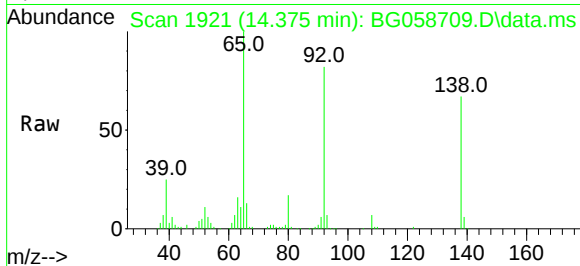
#53  
3-Nitroaniline  
Concen: 20.775 ng  
RT: 14.375 min Scan# 1921  
Delta R.T. 0.000 min  
Lab File: BG058709.D  
Acq: 11 Aug 2023 19:25

Instrument :  
BNA\_G  
ClientSampleId :  
NEVINS-SB02-Z106-107MSD

Tgt Ion:138 Resp: 57530  
Ion Ratio Lower Upper  
138 100  
108 10.7 8.3 12.5  
92 123.0 101.1 151.7

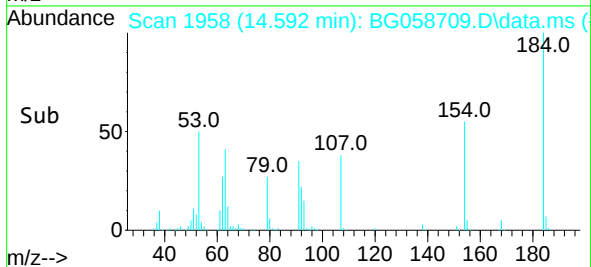
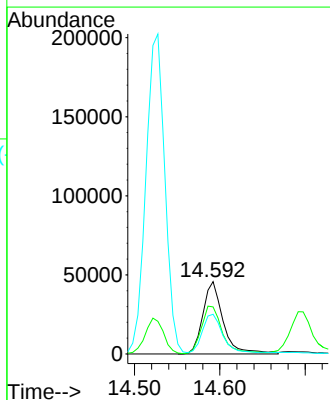
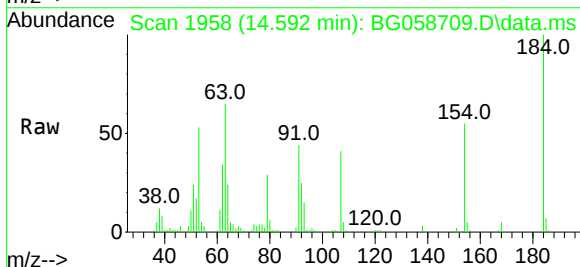
Manual Integrations  
APPROVED

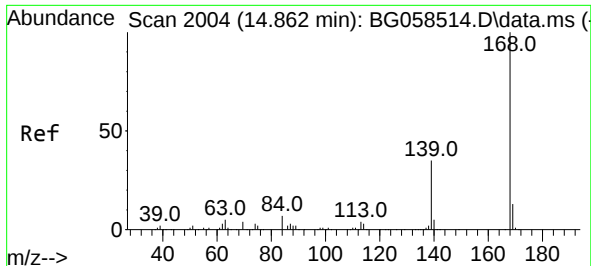
Reviewed By :Yogesh Patel 08/12/2023  
Supervised By :mohammad ahmed 08/12/2023



#54  
2,4-Dinitrophenol  
Concen: 51.467 ng  
RT: 14.592 min Scan# 1958  
Delta R.T. 0.006 min  
Lab File: BG058709.D  
Acq: 11 Aug 2023 19:25

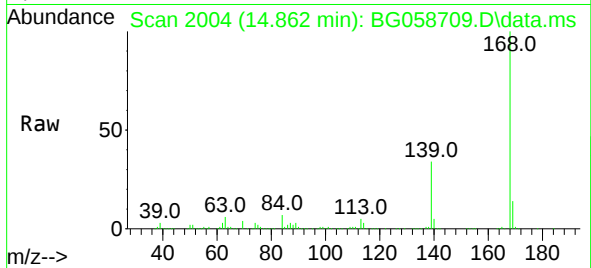
Tgt Ion:184 Resp: 75716  
Ion Ratio Lower Upper  
184 100  
63 65.1 56.7 85.1  
154 54.8 46.1 69.1





#55  
Dibenzenofuran  
Concen: 35.519 ng  
RT: 14.862 min Scan# 2004  
Delta R.T. 0.000 min  
Lab File: BG058709.D  
Acq: 11 Aug 2023 19:25

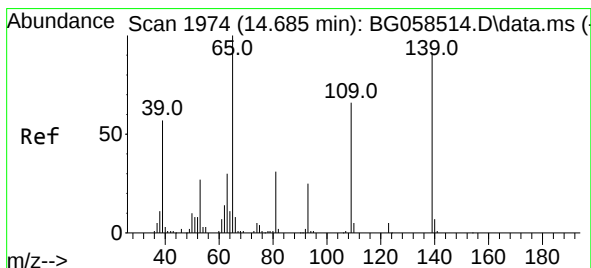
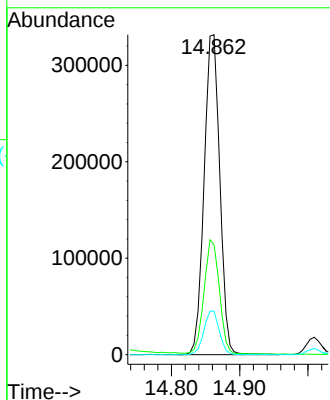
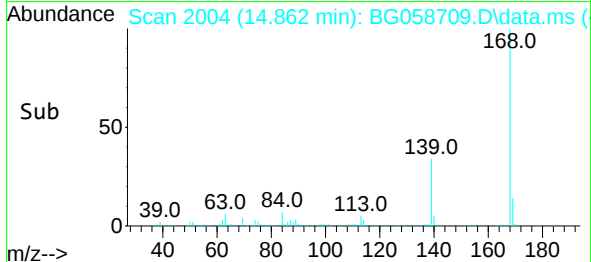
Instrument :  
BNA\_G  
ClientSampleId :  
NEVINS-SB02-Z106-107MSD



Tgt Ion:168 Resp: 531082  
Ion Ratio Lower Upper  
168 100  
139 34.4 27.8 41.8  
169 13.7 10.6 16.0

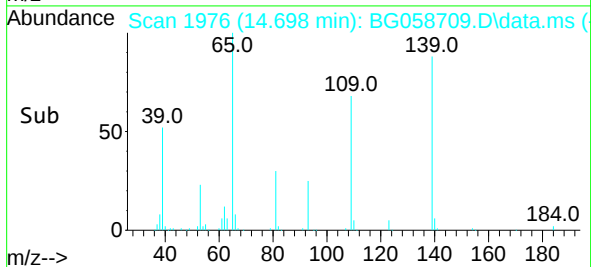
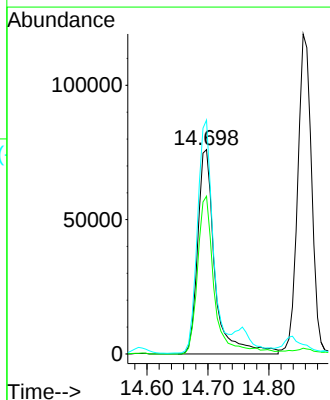
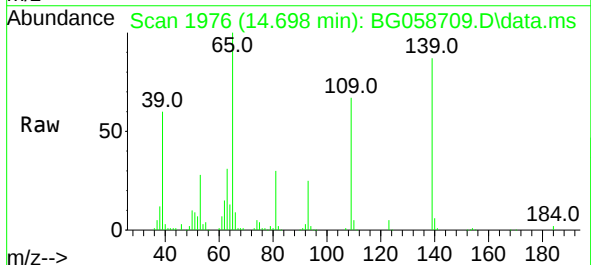
Manual Integrations  
APPROVED

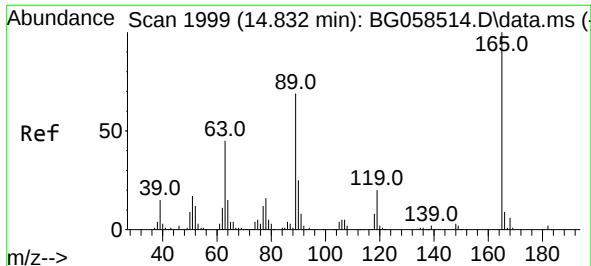
Reviewed By :Yogesh Patel 08/12/2023  
Supervised By :mohammad ahmed 08/12/2023



#56  
4-Nitrophenol  
Concen: 73.098 ng  
RT: 14.698 min Scan# 1976  
Delta R.T. 0.013 min  
Lab File: BG058709.D  
Acq: 11 Aug 2023 19:25

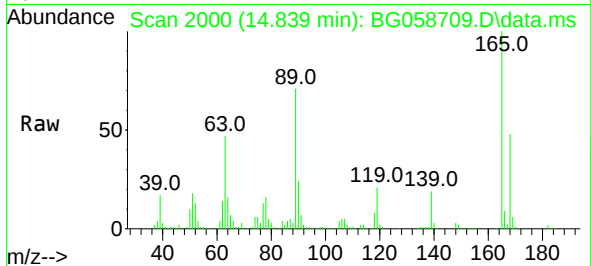
Tgt Ion:139 Resp: 149396  
Ion Ratio Lower Upper  
139 100  
109 77.3 52.5 92.5  
65 114.6 90.5 130.5





#57  
2,4-Dinitrotoluene  
Concen: 36.965 ng  
RT: 14.839 min Scan# 2000  
Delta R.T. 0.007 min  
Lab File: BG058709.D  
Acq: 11 Aug 2023 19:25

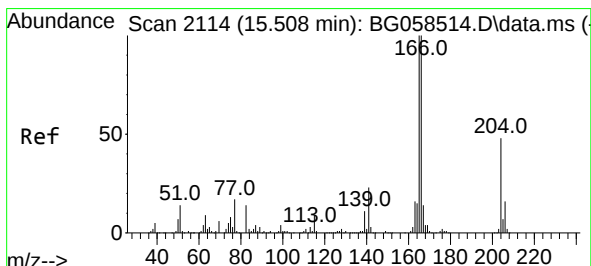
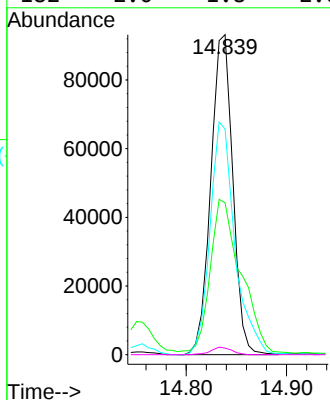
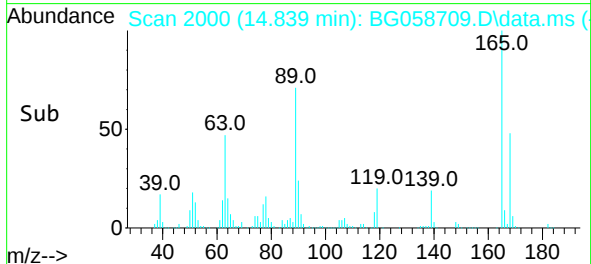
Instrument :  
BNA\_G  
ClientSampleId :  
NEVINS-SB02-Z106-107MSD



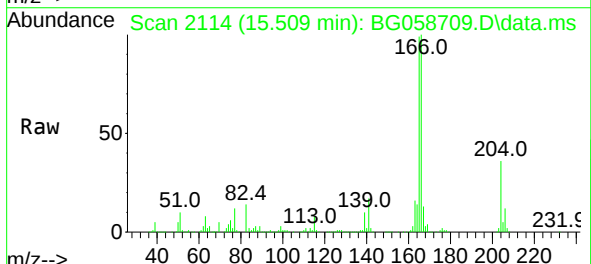
Tgt Ion:165 Resp: 141859  
Ion Ratio Lower Upper  
165 100  
63 47.5 36.6 54.8  
89 70.5 55.4 83.0  
182 2.0 1.8 2.6

Manual Integrations  
APPROVED

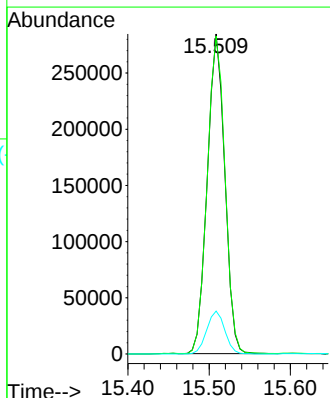
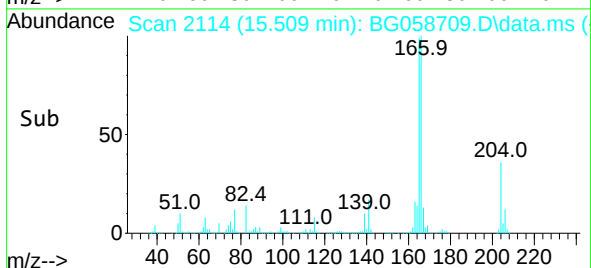
Reviewed By :Yogesh Patel 08/12/2023  
Supervised By :mohammad ahmed 08/12/2023

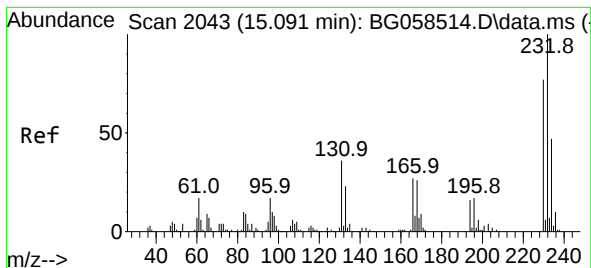


#58  
Fluorene  
Concen: 35.789 ng  
RT: 15.509 min Scan# 2114  
Delta R.T. 0.000 min  
Lab File: BG058709.D  
Acq: 11 Aug 2023 19:25



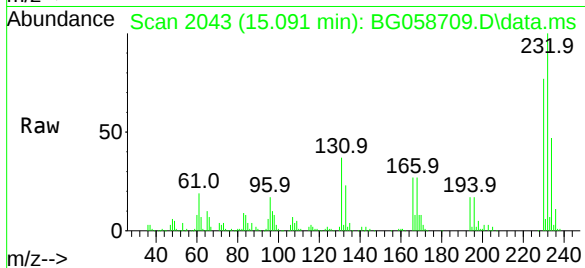
Tgt Ion:166 Resp: 425095  
Ion Ratio Lower Upper  
166 100  
165 99.3 80.0 120.0  
167 13.4 11.3 16.9





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 35.776 ng  
RT: 15.091 min Scan# 2043  
Delta R.T. 0.000 min  
Lab File: BG058709.D  
Acq: 11 Aug 2023 19:25

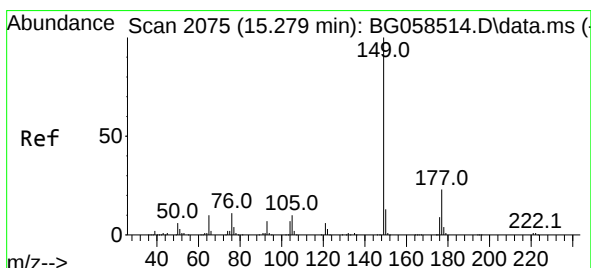
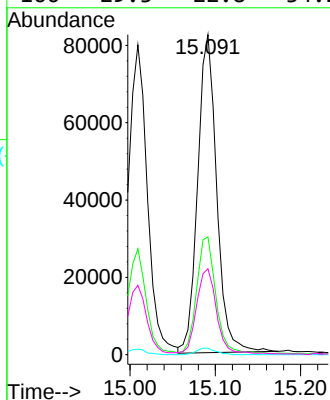
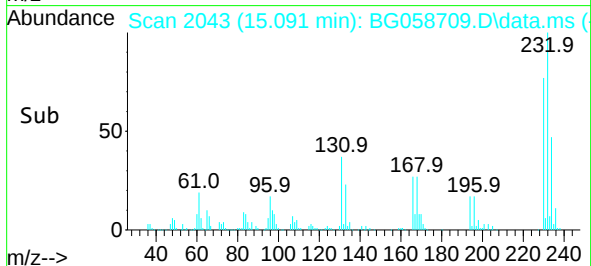
Instrument :  
BNA\_G  
ClientSampleId :  
NEVINS-SB02-Z106-107MSD



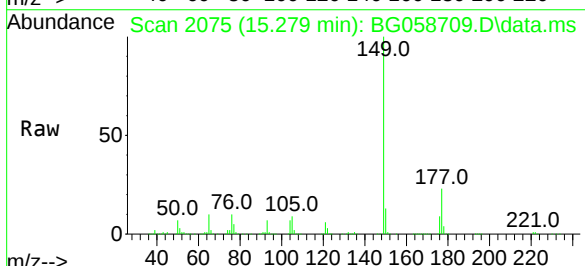
Tgt Ion:232 Resp: 127549  
Ion Ratio Lower Upper  
232 100  
131 37.2 30.0 45.0  
130 2.1 1.5 2.3  
166 29.3 22.8 34.2

Manual Integrations  
APPROVED

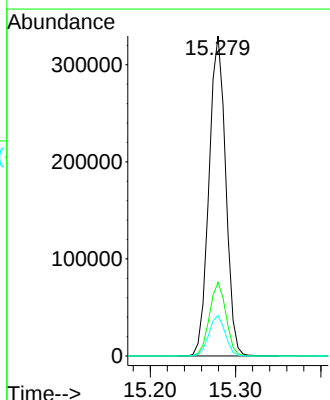
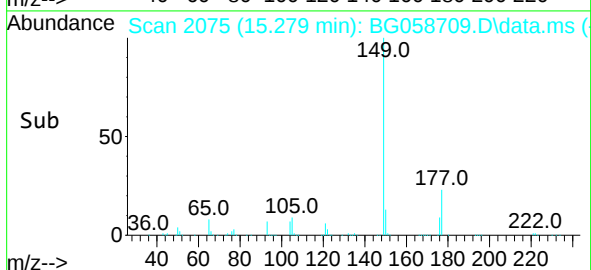
Reviewed By :Yogesh Patel 08/12/2023  
Supervised By :mohammad ahmed 08/12/2023



#60  
Diethylphthalate  
Concen: 34.870 ng  
RT: 15.279 min Scan# 2075  
Delta R.T. 0.000 min  
Lab File: BG058709.D  
Acq: 11 Aug 2023 19:25



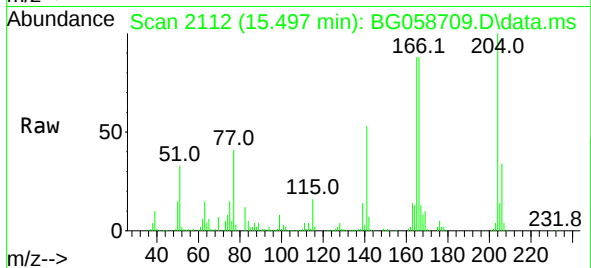
Tgt Ion:149 Resp: 448161  
Ion Ratio Lower Upper  
149 100  
177 23.1 18.2 27.4  
150 12.6 10.2 15.4





#61  
4-Chlorophenyl-phenylether  
Concen: 35.112 ng  
RT: 15.497 min Scan# 2113  
Delta R.T. -0.005 min  
Lab File: BG058709.D  
Acq: 11 Aug 2023 19:25

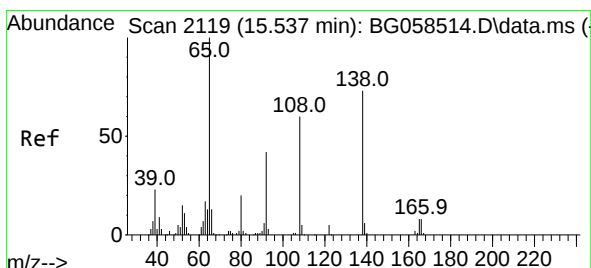
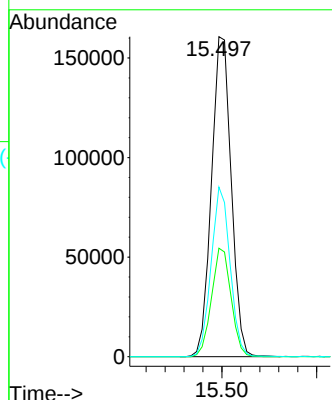
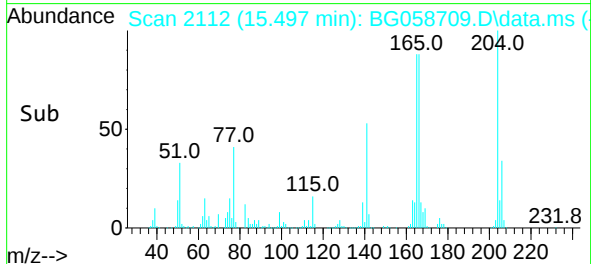
Instrument :  
BNA\_G  
ClientSampleId :  
NEVINS-SB02-Z106-107MSD



Tgt Ion:204 Resp: 232510  
Ion Ratio Lower Upper  
204 100  
206 33.9 27.0 40.4  
141 53.0 40.8 61.2

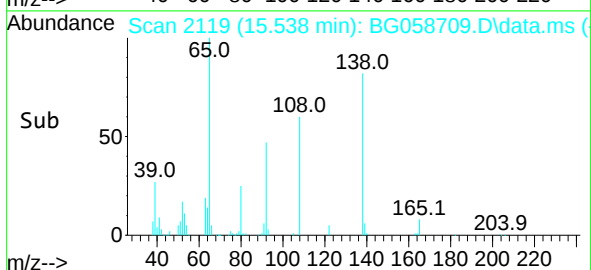
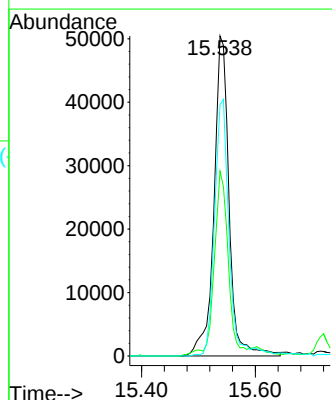
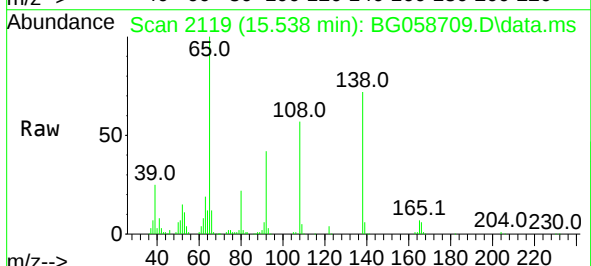
Manual Integrations  
APPROVED

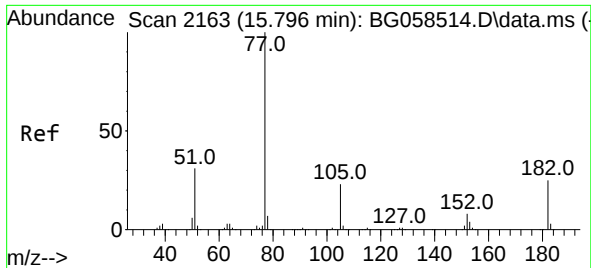
Reviewed By :Yogesh Patel 08/12/2023  
Supervised By :mohammad ahmed 08/12/2023



#62  
4-Nitroaniline  
Concen: 35.362 ng  
RT: 15.538 min Scan# 2119  
Delta R.T. 0.000 min  
Lab File: BG058709.D  
Acq: 11 Aug 2023 19:25

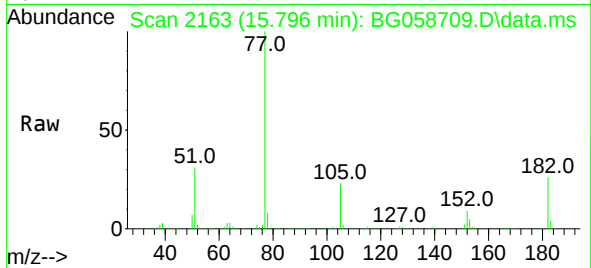
Tgt Ion:138 Resp: 92773  
Ion Ratio Lower Upper  
138 100  
92 57.7 37.3 77.3  
108 78.5 62.6 102.6





#63  
Azobenzene  
Concen: 35.633 ng  
RT: 15.796 min Scan# 2163  
Delta R.T. 0.000 min  
Lab File: BG058709.D  
Acq: 11 Aug 2023 19:25

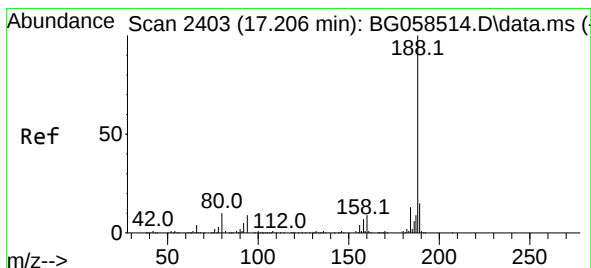
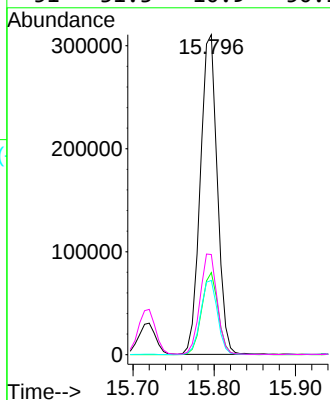
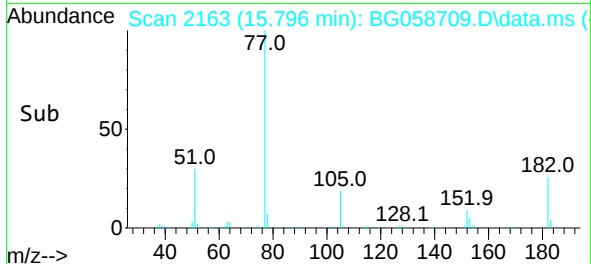
Instrument :  
BNA\_G  
ClientSampleId :  
NEVINS-SB02-Z106-107MSD



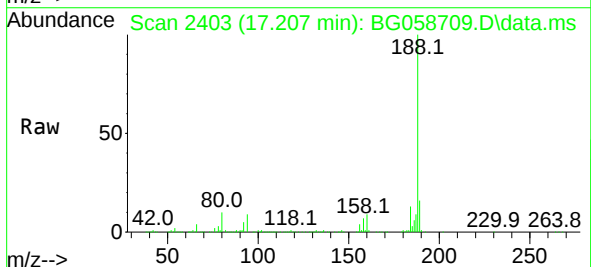
Tgt Ion: 77 Resp: 45108  
Ion Ratio Lower Upper  
77 100  
182 25.7 4.6 44.6  
105 23.2 3.3 43.3  
51 31.3 10.9 50.9

Manual Integrations  
APPROVED

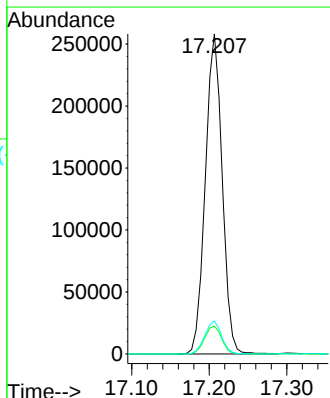
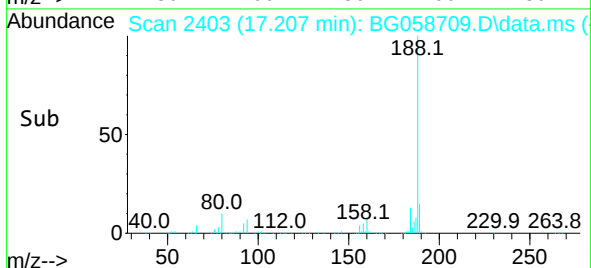
Reviewed By :Yogesh Patel 08/12/2023  
Supervised By :mohammad ahmed 08/12/2023

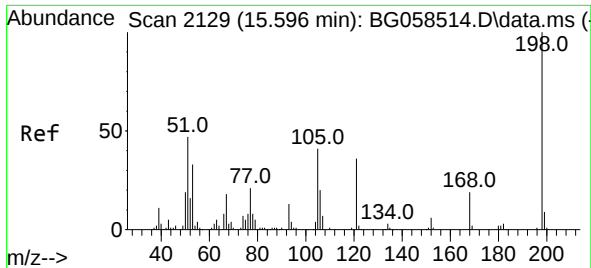


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.207 min Scan# 2403  
Delta R.T. 0.000 min  
Lab File: BG058709.D  
Acq: 11 Aug 2023 19:25



Tgt Ion:188 Resp: 389650  
Ion Ratio Lower Upper  
188 100  
94 8.7 7.0 10.6  
80 10.3 8.1 12.1





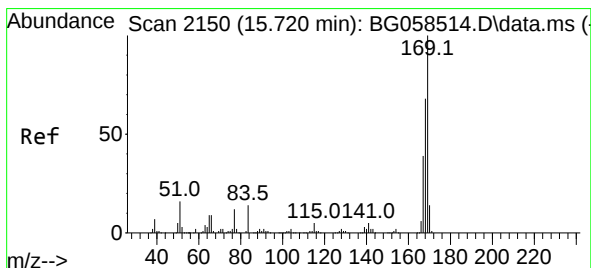
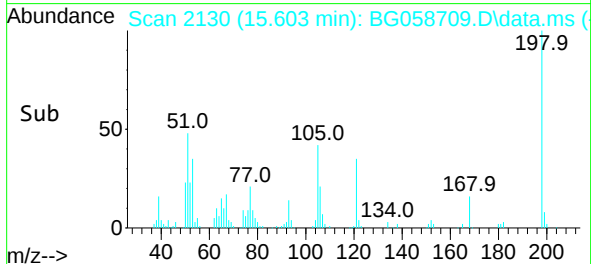
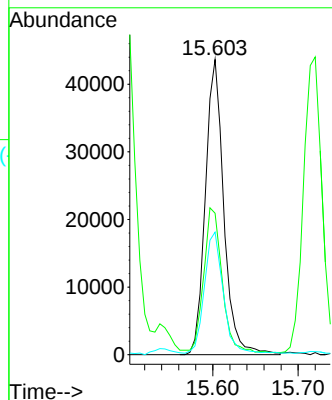
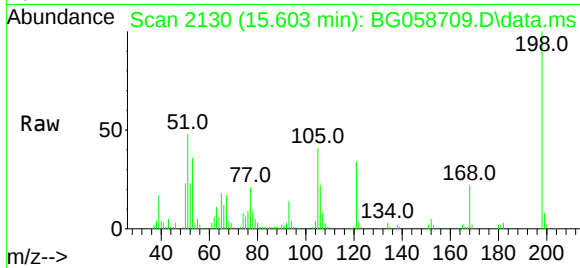
#65  
4,6-Dinitro-2-methylphenol  
Concen: 30.588 ng  
RT: 15.603 min Scan# 2129  
Delta R.T. 0.007 min  
Lab File: BG058709.D  
Acq: 11 Aug 2023 19:25

Instrument :  
BNA\_G  
ClientSampleId :  
NEVINS-SB02-Z106-107MSD

Tgt Ion:198 Resp: 6571  
Ion Ratio Lower Upper  
198 100  
51 47.9 29.3 69.3  
105 41.5 21.0 61.0

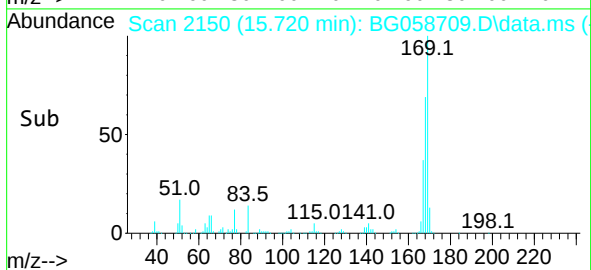
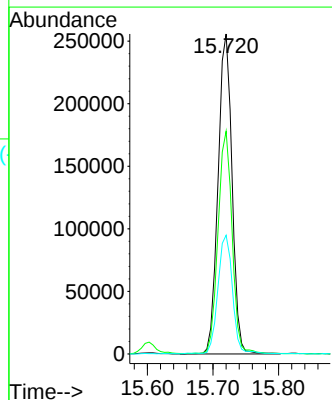
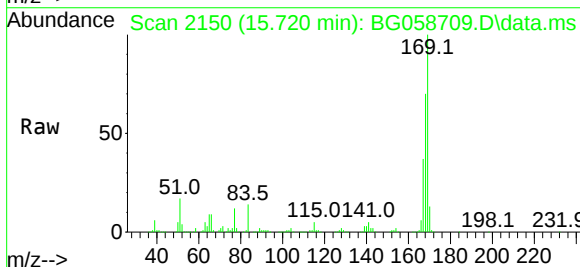
Manual Integrations  
APPROVED

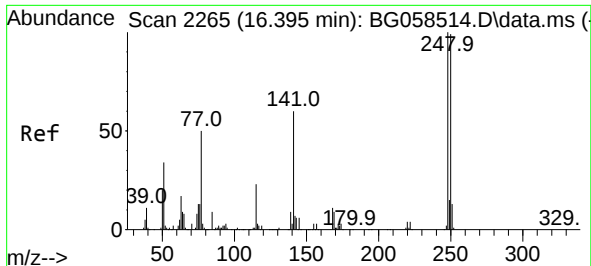
Reviewed By :Yogesh Patel 08/12/2023  
Supervised By :mohammad ahmed 08/12/2023



#66  
n-Nitrosodiphenylamine  
Concen: 37.163 ng  
RT: 15.720 min Scan# 2150  
Delta R.T. 0.000 min  
Lab File: BG058709.D  
Acq: 11 Aug 2023 19:25

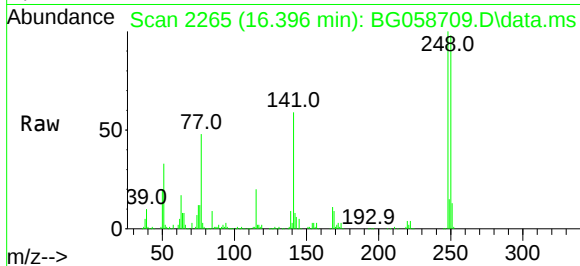
Tgt Ion:169 Resp: 376888  
Ion Ratio Lower Upper  
169 100  
168 69.6 54.6 82.0  
167 37.1 31.3 46.9





#67  
4-Bromophenyl-phenylether  
Concen: 36.230 ng  
RT: 16.396 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BG058709.D  
Acq: 11 Aug 2023 19:25

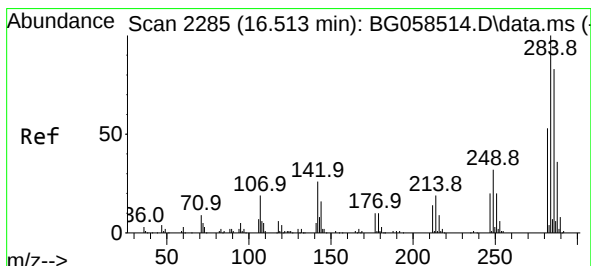
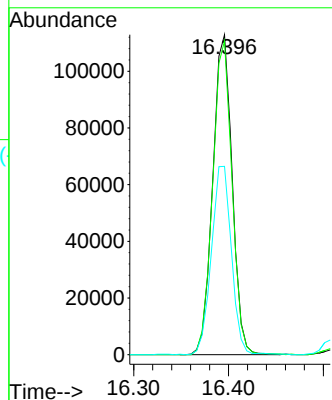
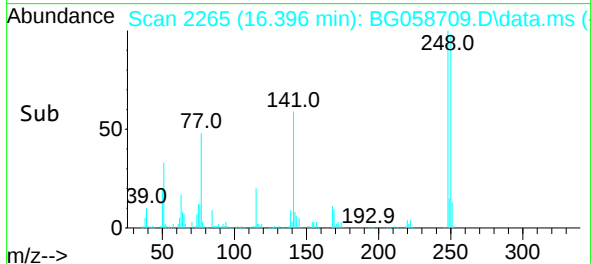
Instrument :  
BNA\_G  
ClientSampleId :  
NEVINS-SB02-Z106-107MSD



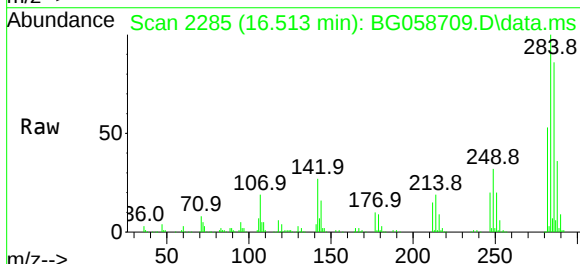
Tgt Ion:248 Resp: 160119  
Ion Ratio Lower Upper  
248 100  
250 98.1 79.5 119.3  
141 58.8 48.2 72.2

Manual Integrations  
APPROVED

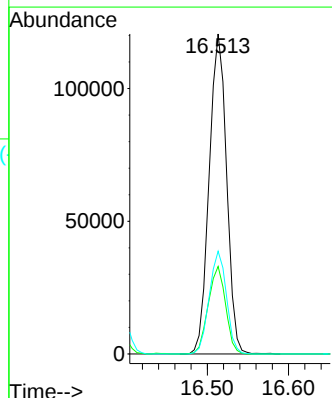
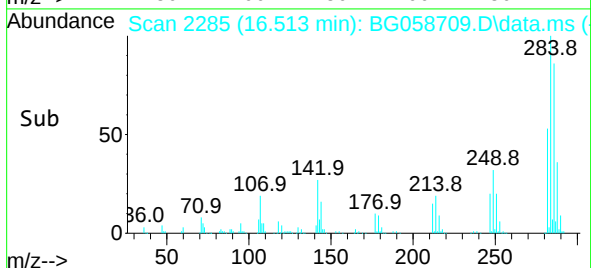
Reviewed By :Yogesh Patel 08/12/2023  
Supervised By :mohammad ahmed 08/12/2023

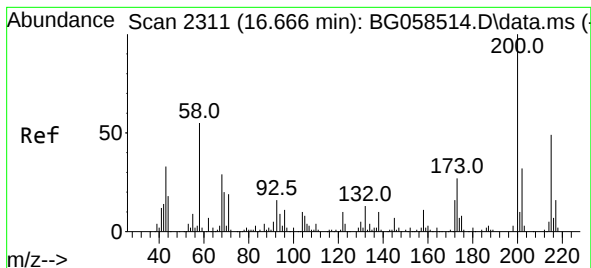


#68  
Hexachlorobenzene  
Concen: 38.320 ng  
RT: 16.513 min Scan# 2285  
Delta R.T. 0.000 min  
Lab File: BG058709.D  
Acq: 11 Aug 2023 19:25



Tgt Ion:284 Resp: 179458  
Ion Ratio Lower Upper  
284 100  
142 27.3 21.0 31.4  
249 32.1 25.5 38.3





#69

Atrazine

Concen: 43.388 ng

RT: 16.666 min Scan# 2311

Delta R.T. 0.000 min

Lab File: BG058709.D

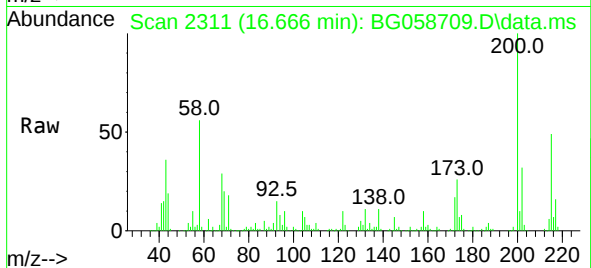
Acq: 11 Aug 2023 19:25

Instrument :

BNA\_G

ClientSampleId :

NEVINS-SB02-Z106-107MSD



Tgt Ion:200 Resp: 148539

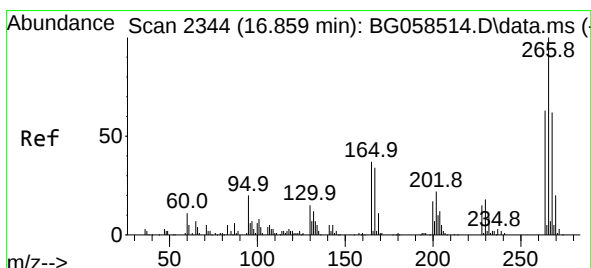
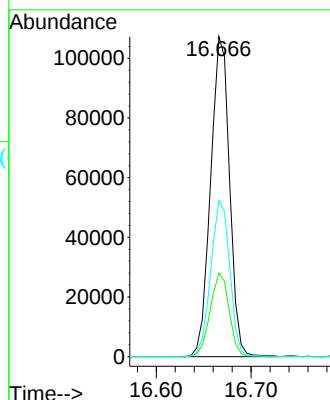
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 200 | 100   |       |       |
| 173 | 26.1  | 6.5   | 46.5  |
| 215 | 48.8  | 28.9  | 68.9  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/12/2023

Supervised By :mohammad ahmed 08/12/2023



#70

Pentachlorophenol

Concen: 60.242 ng

RT: 16.860 min Scan# 2344

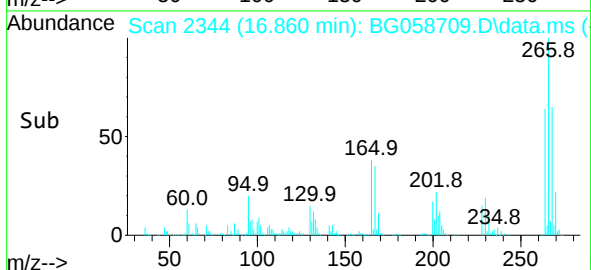
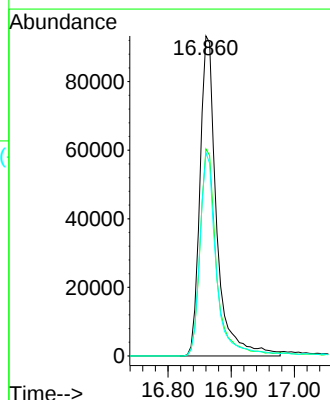
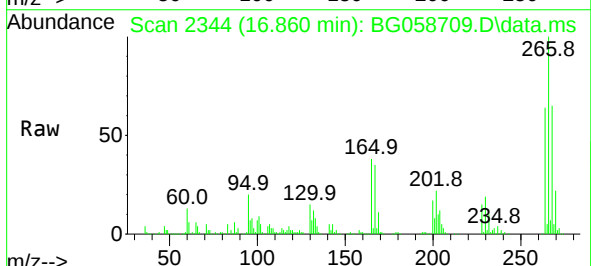
Delta R.T. 0.001 min

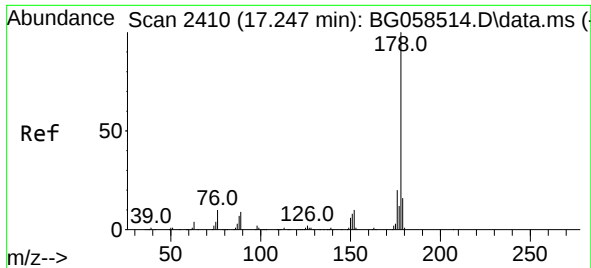
Lab File: BG058709.D

Acq: 11 Aug 2023 19:25

Tgt Ion:266 Resp: 170762

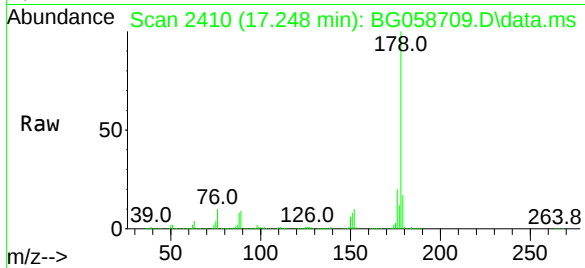
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 266 | 100   |       |       |
| 268 | 64.7  | 49.9  | 74.9  |
| 264 | 63.5  | 50.2  | 75.4  |





#71  
Phenanthrene  
Concen: 38.748 ng  
RT: 17.248 min Scan# 2410  
Delta R.T. 0.000 min  
Lab File: BG058709.D  
Acq: 11 Aug 2023 19:25

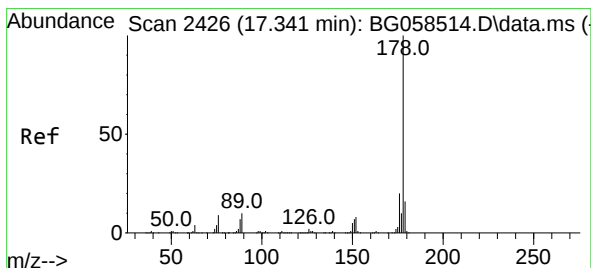
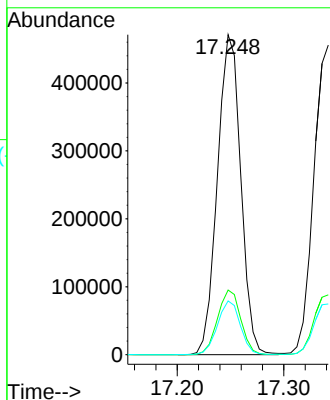
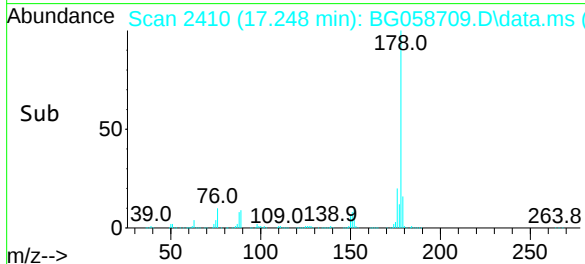
Instrument :  
BNA\_G  
ClientSampleId :  
NEVINS-SB02-Z106-107MSD



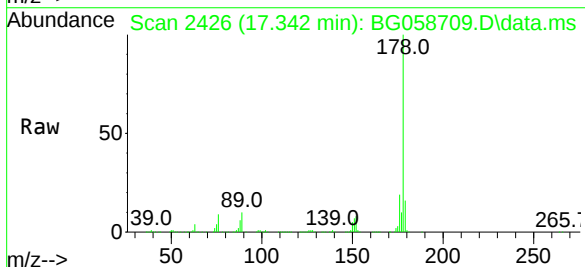
Tgt Ion:178 Resp: 71602  
Ion Ratio Lower Upper  
178 100  
176 20.2 16.3 24.5  
179 16.8 13.1 19.7

Manual Integrations  
APPROVED

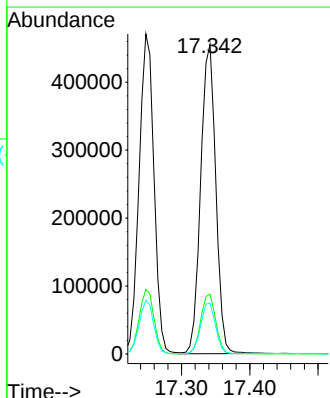
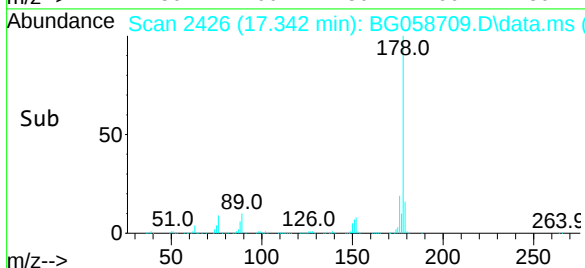
Reviewed By :Yogesh Patel 08/12/2023  
Supervised By :mohammad ahmed 08/12/2023

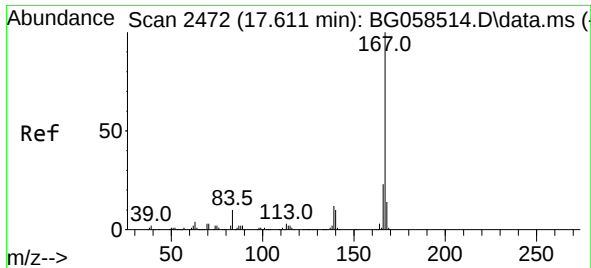


#72  
Anthracene  
Concen: 36.924 ng  
RT: 17.342 min Scan# 2426  
Delta R.T. 0.000 min  
Lab File: BG058709.D  
Acq: 11 Aug 2023 19:25



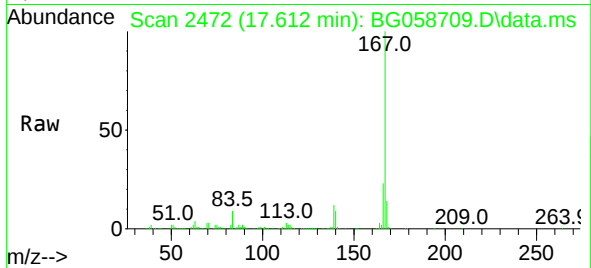
Tgt Ion:178 Resp: 700105  
Ion Ratio Lower Upper  
178 100  
176 19.4 16.0 24.0  
179 16.4 12.9 19.3





#73  
 Carbazole  
 Concen: 38.243 ng  
 RT: 17.612 min Scan# 2472  
 Delta R.T. 0.000 min  
 Lab File: BG058709.D  
 Acq: 11 Aug 2023 19:25

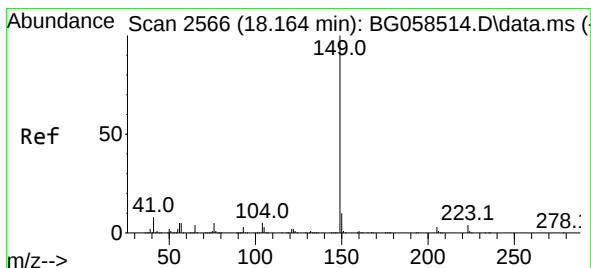
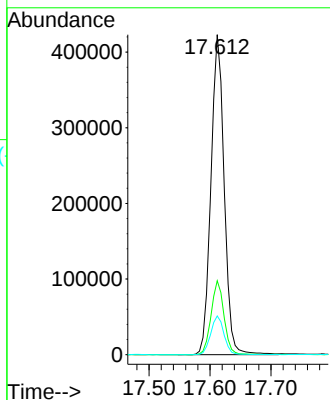
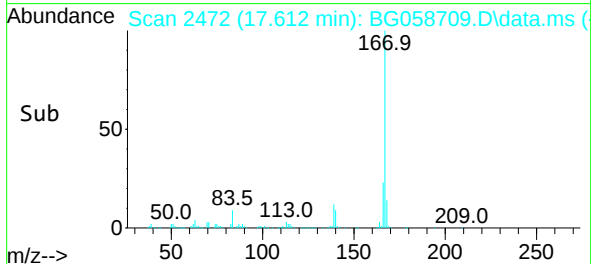
Instrument :  
 BNA\_G  
 ClientSampleId :  
 NEVINS-SB02-Z106-107MSD



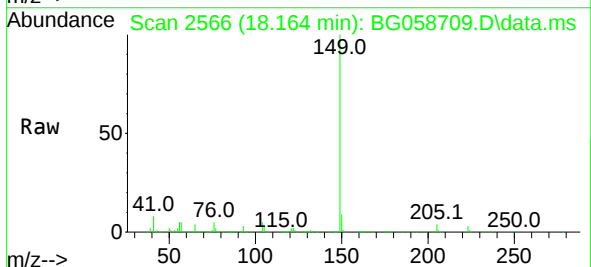
Tgt Ion:167 Resp: 63942  
 Ion Ratio Lower Upper  
 167 100  
 166 23.1 18.4 27.6  
 139 12.1 10.0 15.0

Manual Integrations  
 APPROVED

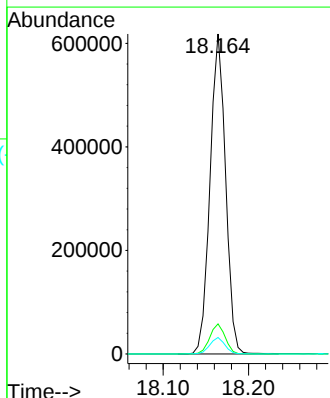
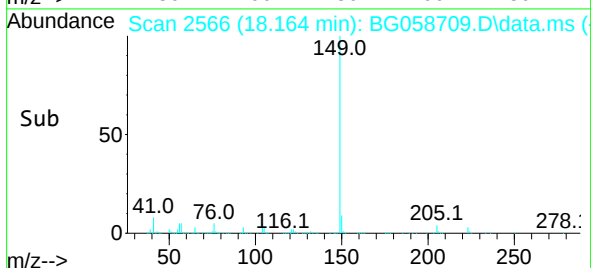
Reviewed By :Yogesh Patel 08/12/2023  
 Supervised By :mohammad ahmed 08/12/2023

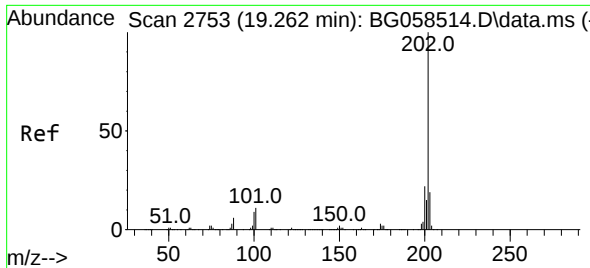


#74  
 Di-n-butylphthalate  
 Concen: 37.297 ng  
 RT: 18.164 min Scan# 2566  
 Delta R.T. 0.000 min  
 Lab File: BG058709.D  
 Acq: 11 Aug 2023 19:25



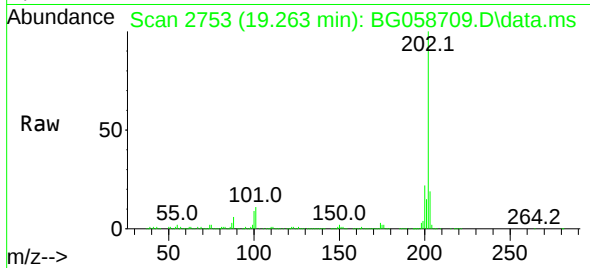
Tgt Ion:149 Resp: 781108  
 Ion Ratio Lower Upper  
 149 100  
 150 9.4 7.8 11.6  
 104 5.2 4.0 6.0





#75  
Fluoranthene  
Concen: 37.320 ng  
RT: 19.263 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BG058709.D  
Acq: 11 Aug 2023 19:25

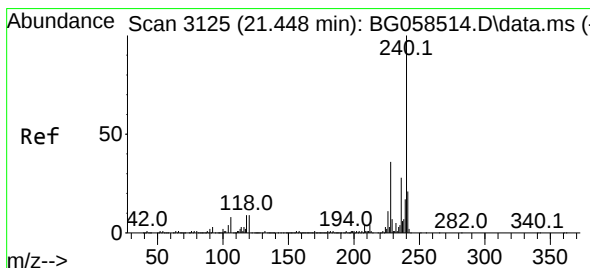
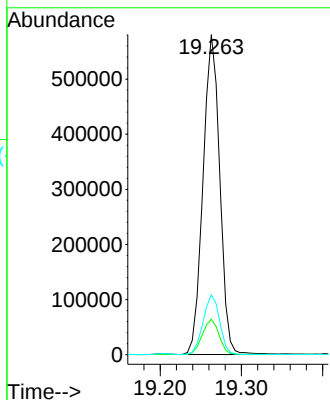
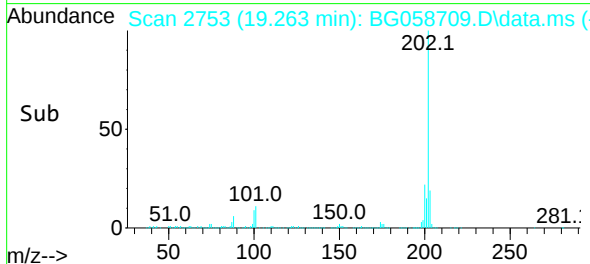
Instrument :  
BNA\_G  
ClientSampleId :  
NEVINS-SB02-Z106-107MSD



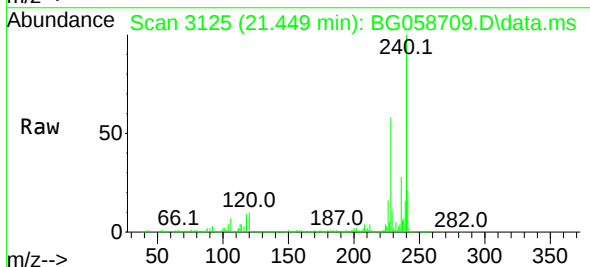
Tgt Ion:202 Resp: 82839  
Ion Ratio Lower Upper  
202 100  
101 11.1 0.0 31.4  
203 18.7 0.0 39.0

Manual Integrations  
APPROVED

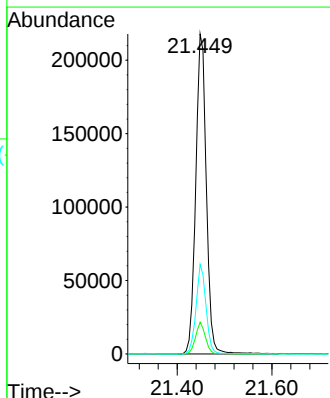
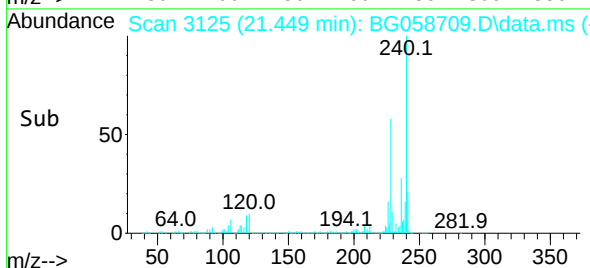
Reviewed By :Yogesh Patel 08/12/2023  
Supervised By :mohammad ahmed 08/12/2023

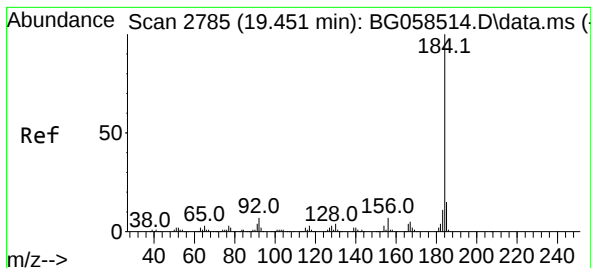


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.449 min Scan# 3125  
Delta R.T. 0.000 min  
Lab File: BG058709.D  
Acq: 11 Aug 2023 19:25



Tgt Ion:240 Resp: 337845  
Ion Ratio Lower Upper  
240 100  
120 9.9 7.4 11.0  
236 28.0 22.2 33.4





#77

Benzidine

Concen: 60.112 ng

RT: 19.451 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG058709.D

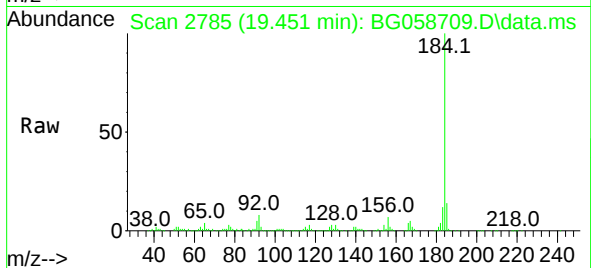
Acq: 11 Aug 2023 19:25

Instrument :

BNA\_G

ClientSampleId :

NEVINS-SB02-Z106-107MSD



Tgt Ion:184 Resp: 307958

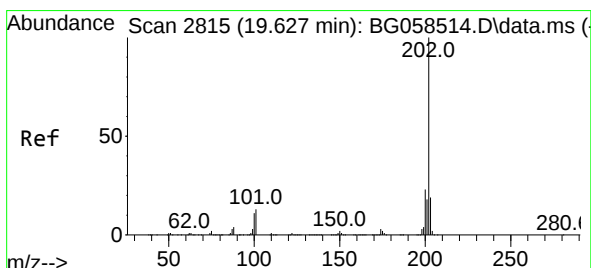
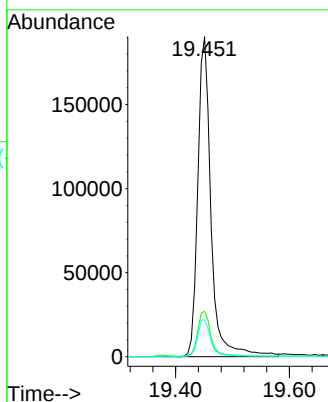
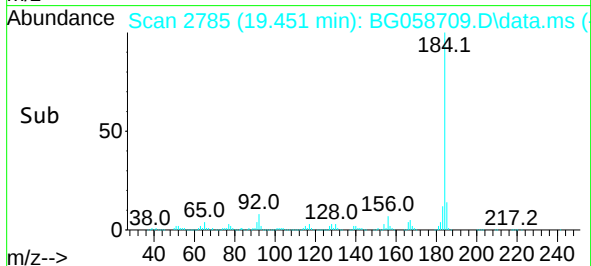
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 14.2  | 11.9  | 17.9  |
| 183 | 11.5  | 8.7   | 13.1  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/12/2023

Supervised By :mohammad ahmed 08/12/2023



#78

Pyrene

Concen: 37.698 ng

RT: 19.627 min Scan# 2815

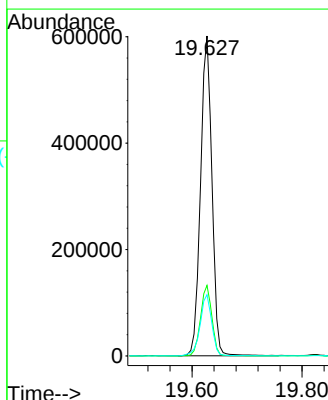
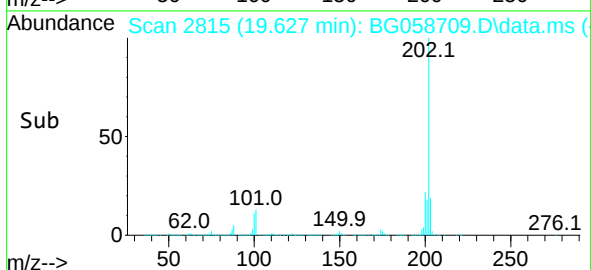
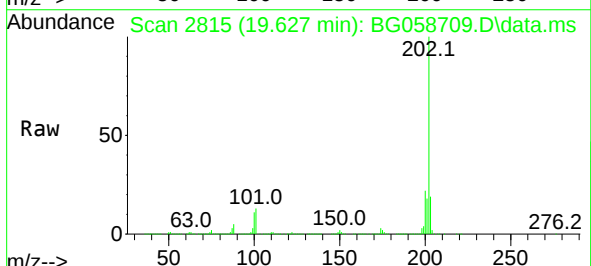
Delta R.T. 0.000 min

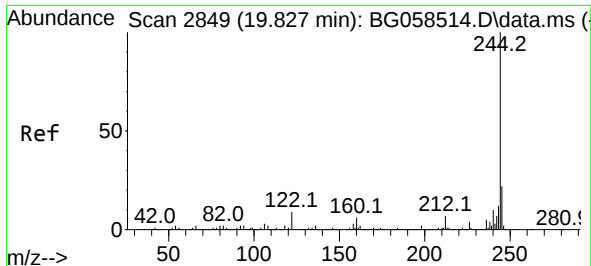
Lab File: BG058709.D

Acq: 11 Aug 2023 19:25

Tgt Ion:202 Resp: 866760

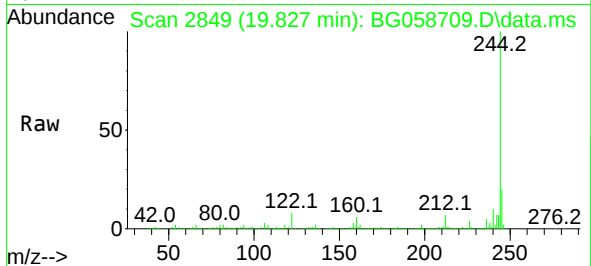
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 22.1  | 18.2  | 27.2  |
| 203 | 19.2  | 15.1  | 22.7  |





#79  
 Terphenyl-d14  
 Concen: 56.012 ng  
 RT: 19.827 min Scan# 2849  
 Delta R.T. 0.000 min  
 Lab File: BG058709.D  
 Acq: 11 Aug 2023 19:25

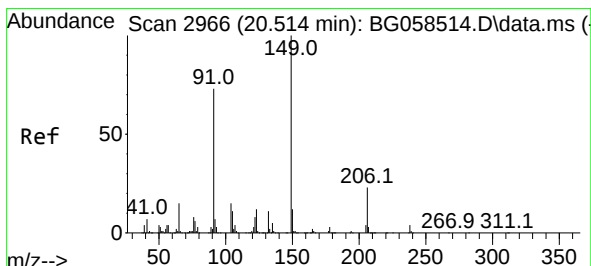
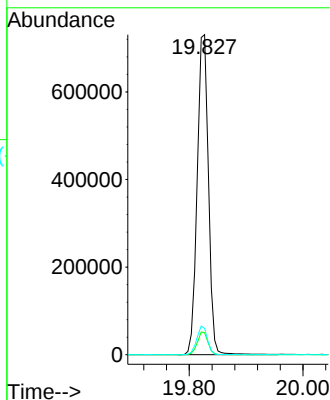
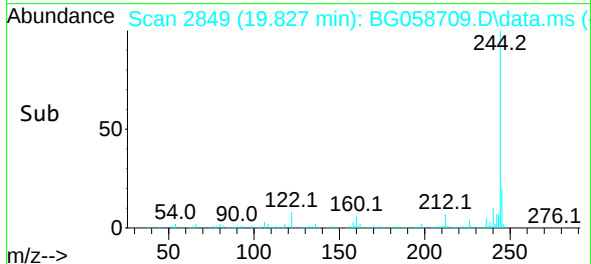
Instrument :  
 BNA\_G  
 ClientSampleId :  
 NEVINS-SB02-Z106-107MSD



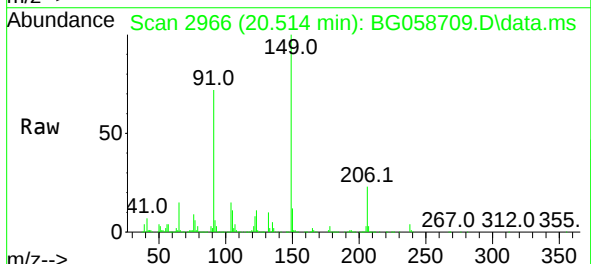
Tgt Ion:244 Resp: 100627  
 Ion Ratio Lower Upper  
 244 100  
 212 6.9 5.9 8.9  
 122 8.2 6.8 10.2

Manual Integrations  
 APPROVED

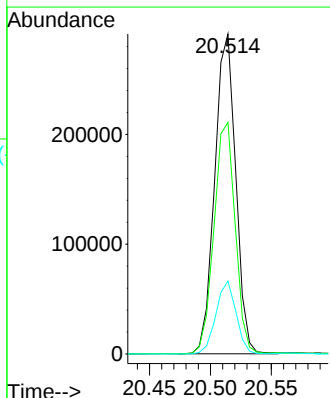
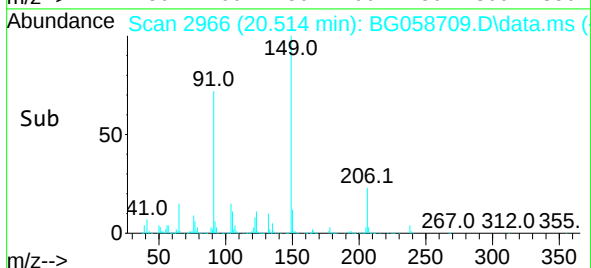
Reviewed By :Yogesh Patel 08/12/2023  
 Supervised By :mohammad ahmed 08/12/2023

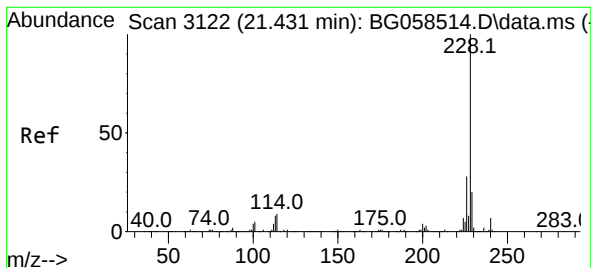


#80  
 Butylbenzylphthalate  
 Concen: 37.050 ng  
 RT: 20.514 min Scan# 2966  
 Delta R.T. 0.000 min  
 Lab File: BG058709.D  
 Acq: 11 Aug 2023 19:25



Tgt Ion:149 Resp: 349911  
 Ion Ratio Lower Upper  
 149 100  
 91 72.4 58.4 87.6  
 206 22.8 18.3 27.5





#81

Benzo(a)anthracene

Concen: 37.417 ng

RT: 21.431 min Scan# 3122

Delta R.T. 0.000 min

Lab File: BG058709.D

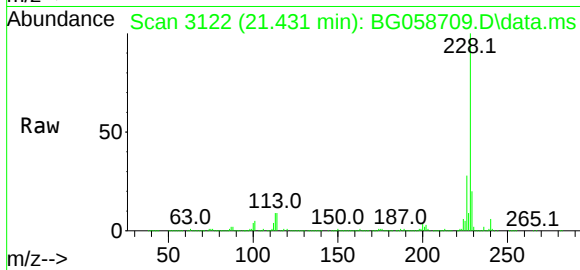
Acq: 11 Aug 2023 19:25

Instrument :

BNA\_G

ClientSampleId :

NEVINS-SB02-Z106-107MSD



Tgt Ion:228 Resp: 869962

Ion Ratio Lower Upper

228 100

226 28.1 22.6 33.8

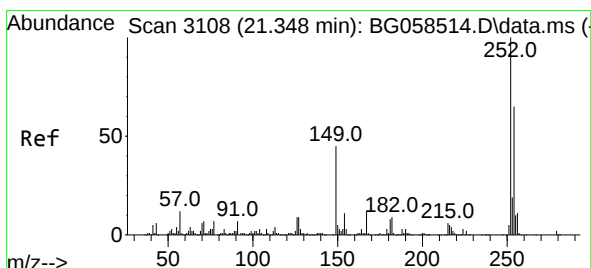
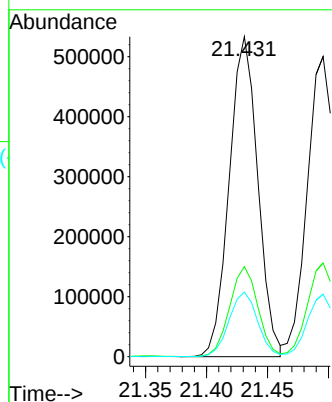
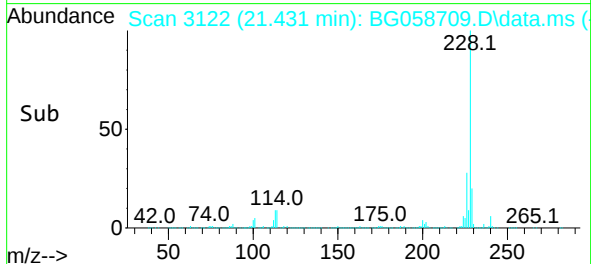
229 20.2 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/12/2023

Supervised By :mohammad ahmed 08/12/2023



#82

3,3'-Dichlorobenzidine

Concen: 17.497 ng

RT: 21.355 min Scan# 3109

Delta R.T. 0.006 min

Lab File: BG058709.D

Acq: 11 Aug 2023 19:25

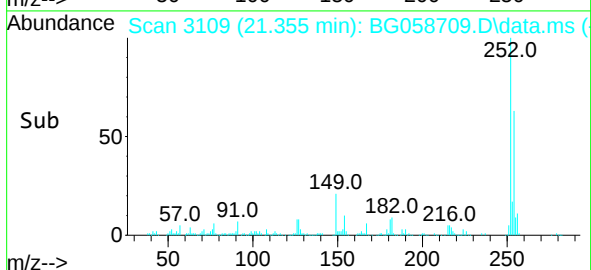
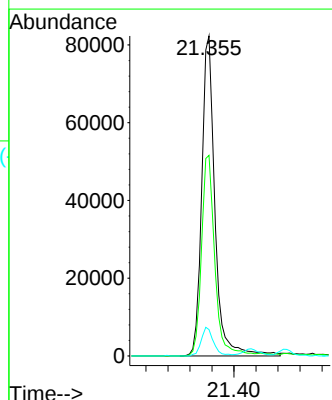
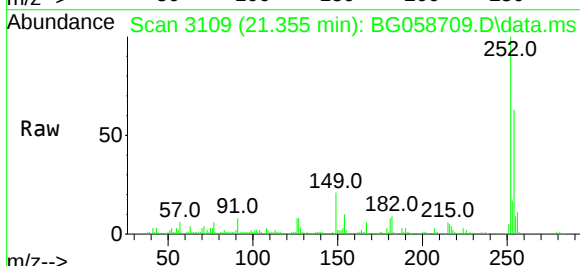
Tgt Ion:252 Resp: 137549

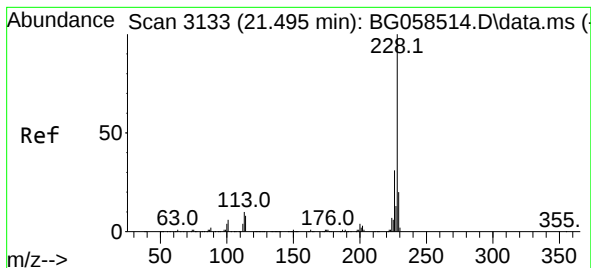
Ion Ratio Lower Upper

252 100

254 62.7 52.2 78.4

126 8.2 7.2 10.8





#83

Chrysene

Concen: 36.375 ng

RT: 21.496 min Scan# 31

Delta R.T. 0.000 min

Lab File: BG058709.D

Acq: 11 Aug 2023 19:25

Instrument :

BNA\_G

ClientSampleId :

NEVINS-SB02-Z106-107MSD

Tgt Ion:228 Resp: 81086

Ion Ratio Lower Upper

228 100

226 31.2 25.0 37.6

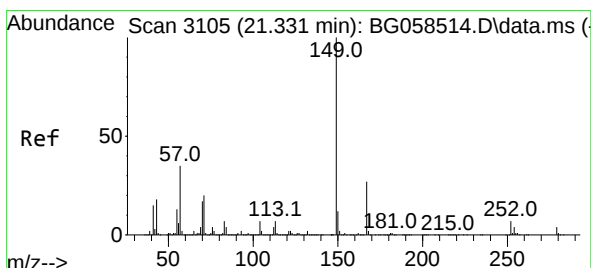
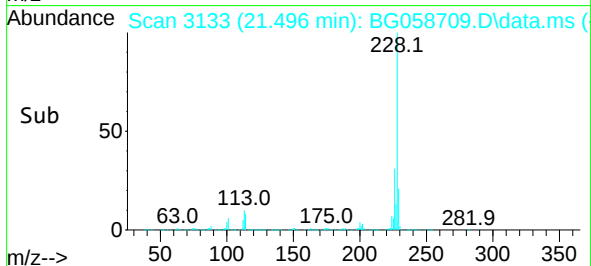
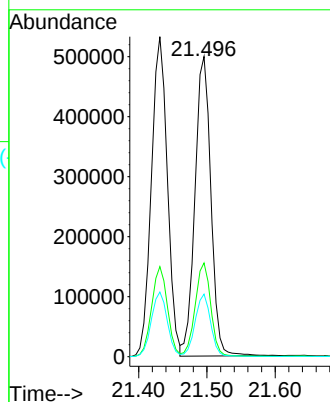
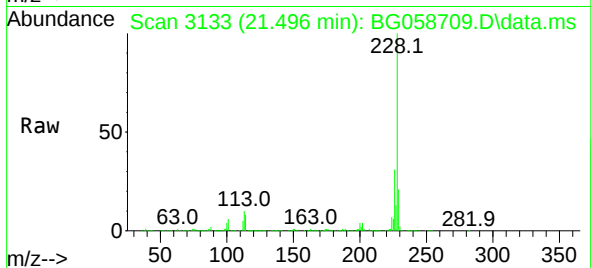
229 20.8 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/12/2023

Supervised By :mohammad ahmed 08/12/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.546 ng

RT: 21.331 min Scan# 3105

Delta R.T. 0.000 min

Lab File: BG058709.D

Acq: 11 Aug 2023 19:25

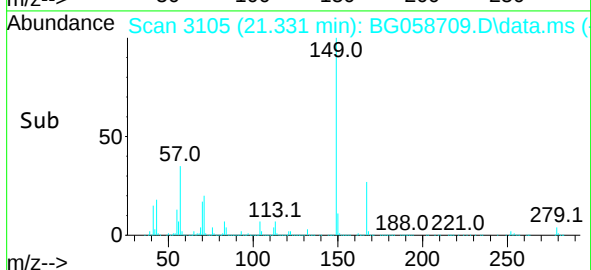
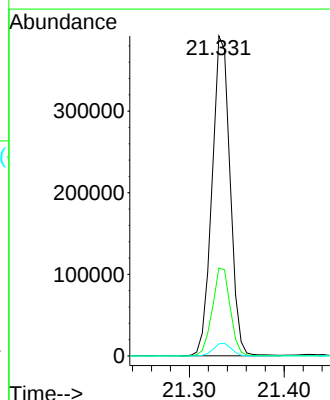
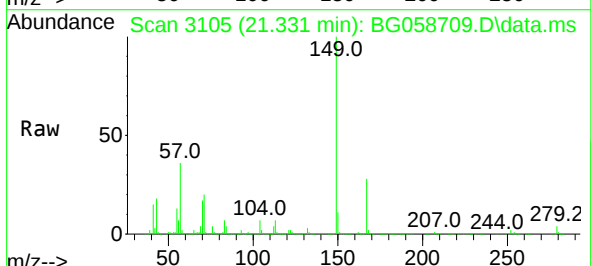
Tgt Ion:149 Resp: 518186

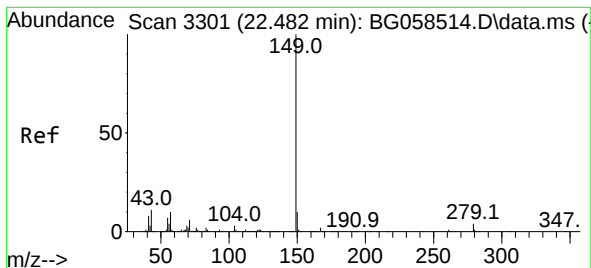
Ion Ratio Lower Upper

149 100

167 27.5 21.8 32.8

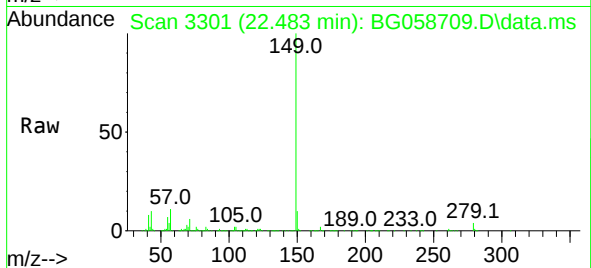
279 3.8 2.9 4.3





#85  
Di-n-octyl phthalate  
Concen: 36.855 ng  
RT: 22.483 min Scan# 3301  
Delta R.T. 0.000 min  
Lab File: BG058709.D  
Acq: 11 Aug 2023 19:25

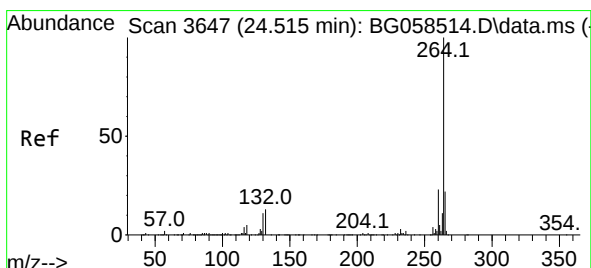
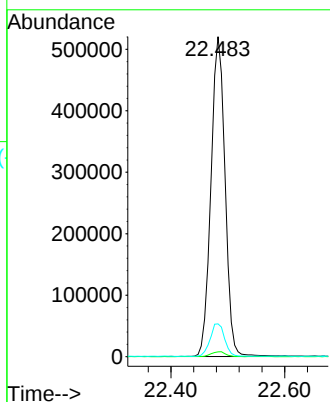
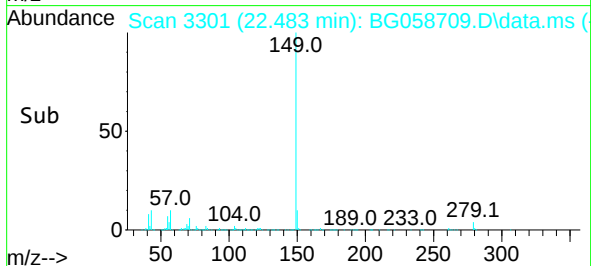
Instrument :  
BNA\_G  
ClientSampleId :  
NEVINS-SB02-Z106-107MSD



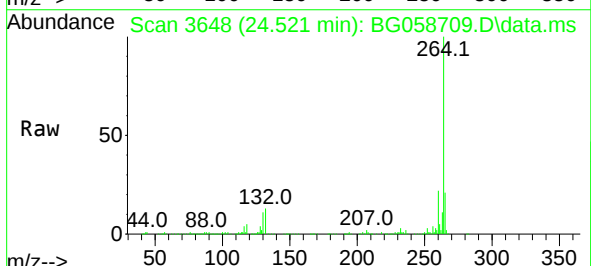
Tgt Ion:149 Resp: 894269  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.3 1.9  
43 10.4 8.2 12.2

Manual Integrations  
APPROVED

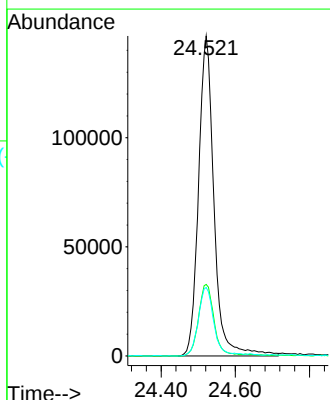
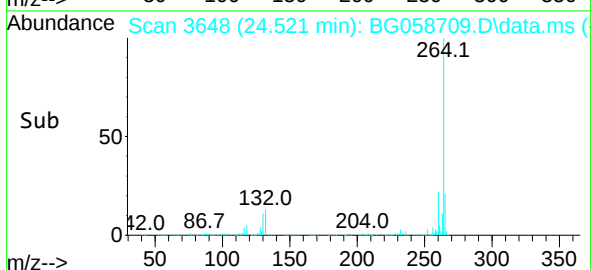
Reviewed By :Yogesh Patel 08/12/2023  
Supervised By :mohammad ahmed 08/12/2023



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.521 min Scan# 3648  
Delta R.T. 0.006 min  
Lab File: BG058709.D  
Acq: 11 Aug 2023 19:25



Tgt Ion:264 Resp: 423565  
Ion Ratio Lower Upper  
264 100  
260 22.3 18.4 27.6  
265 21.4 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 33.391 ng

RT: 28.012 min Scan# 4242

Delta R.T. 0.000 min

Lab File: BG058709.D

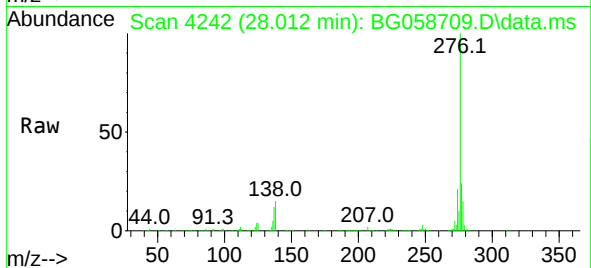
Acq: 11 Aug 2023 19:25

Instrument :

BNA\_G

ClientSampleId :

NEVINS-SB02-Z106-107MSD



Tgt Ion: 276 Resp: 94091

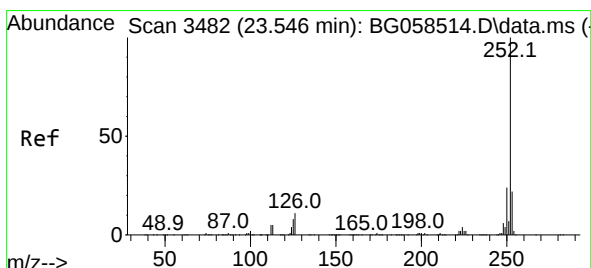
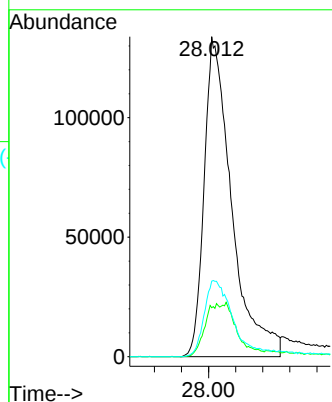
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 9.0   | 16.0  | 24.0  |
| 277 | 24.5  | 20.4  | 30.6  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/12/2023

Supervised By :mohammad ahmed 08/12/2023



#88

Benzo(b)fluoranthene

Concen: 39.009 ng

RT: 23.546 min Scan# 3482

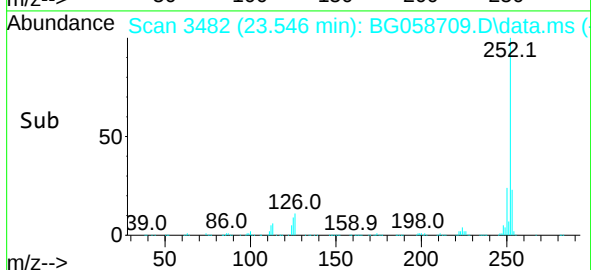
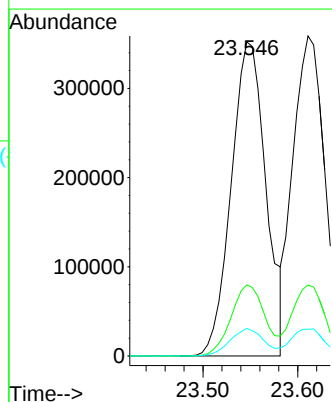
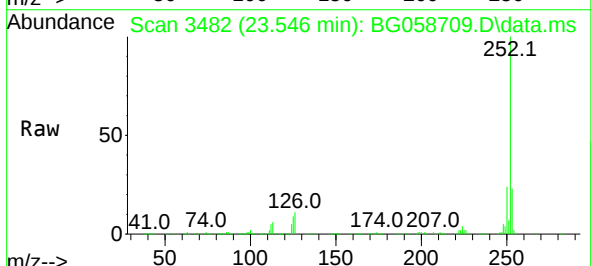
Delta R.T. 0.000 min

Lab File: BG058709.D

Acq: 11 Aug 2023 19:25

Tgt Ion: 252 Resp: 896164

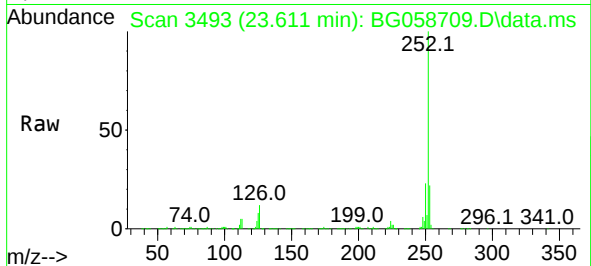
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.6  | 17.8  | 26.8  |
| 125 | 8.7   | 6.6   | 9.8   |





#89  
Benzo(k)fluoranthene  
Concen: 37.320 ng  
RT: 23.611 min Scan# 3493  
Delta R.T. 0.000 min  
Lab File: BG058709.D  
Acq: 11 Aug 2023 19:25

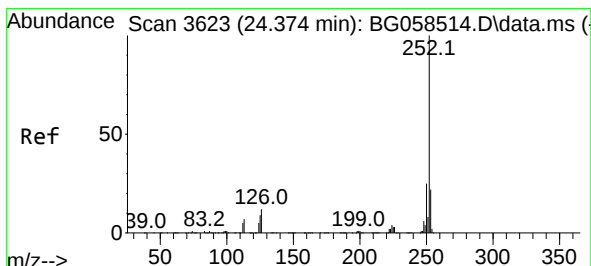
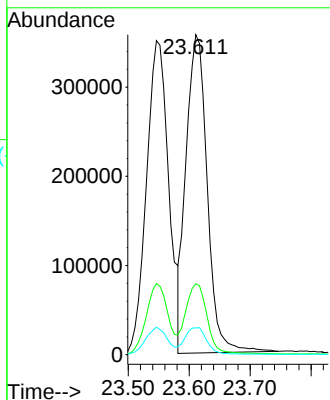
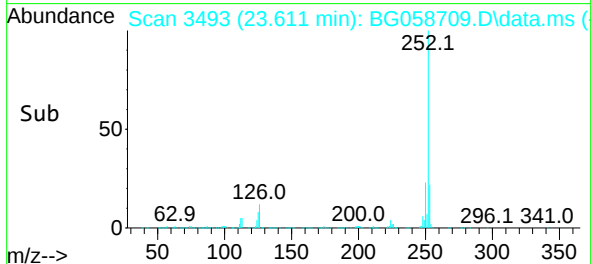
Instrument :  
BNA\_G  
ClientSampleId :  
NEVINS-SB02-Z106-107MSD



Tgt Ion:252 Resp: 861312  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.9 26.9  
125 8.4 6.6 10.0

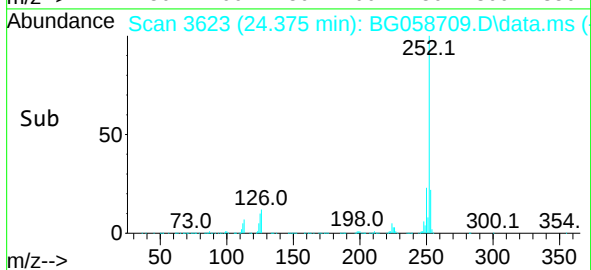
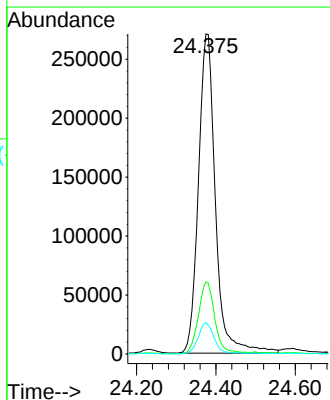
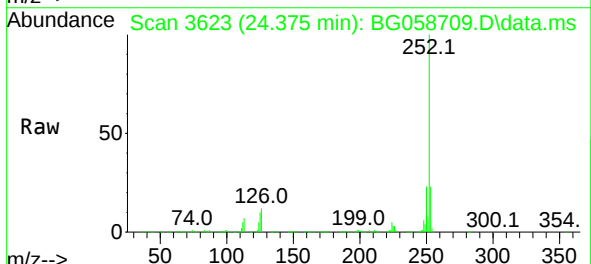
Manual Integrations  
APPROVED

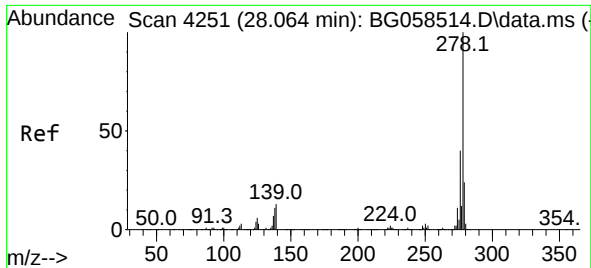
Reviewed By :Yogesh Patel 08/12/2023  
Supervised By :mohammad ahmed 08/12/2023



#90  
Benzo(a)pyrene  
Concen: 35.732 ng  
RT: 24.375 min Scan# 3623  
Delta R.T. 0.000 min  
Lab File: BG058709.D  
Acq: 11 Aug 2023 19:25

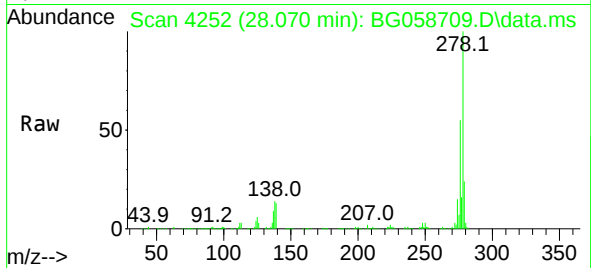
Tgt Ion:252 Resp: 806152  
Ion Ratio Lower Upper  
252 100  
253 22.5 17.5 26.3  
125 9.8 7.4 11.2





#91  
Dibenzo(a,h)anthracene  
Concen: 33.452 ng  
RT: 28.070 min Scan# 4251  
Delta R.T. 0.006 min  
Lab File: BG058709.D  
Acq: 11 Aug 2023 19:25

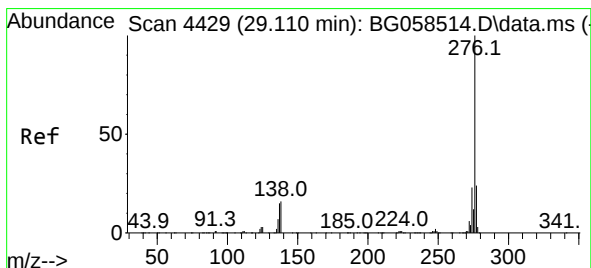
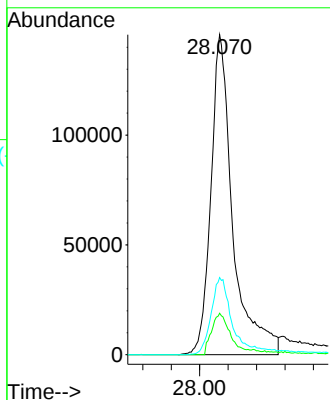
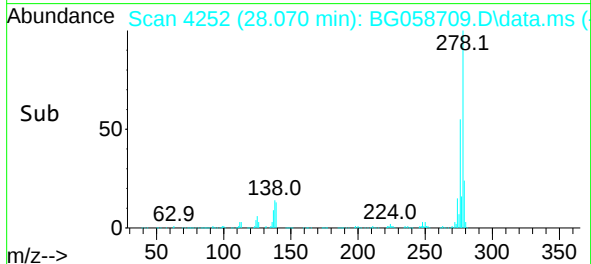
Instrument :  
BNA\_G  
ClientSampleId :  
NEVINS-SB02-Z106-107MSD



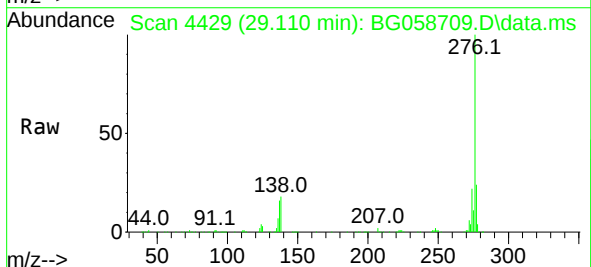
Tgt Ion:278 Resp: 779409  
Ion Ratio Lower Upper  
278 100  
139 13.0 10.4 15.6  
279 24.1 19.0 28.6

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 08/12/2023  
Supervised By :mohammad ahmed 08/12/2023



#92  
Benzo(g,h,i)perylene  
Concen: 31.613 ng  
RT: 29.110 min Scan# 4429  
Delta R.T. 0.000 min  
Lab File: BG058709.D  
Acq: 11 Aug 2023 19:25



Tgt Ion:276 Resp: 738600  
Ion Ratio Lower Upper  
276 100  
277 23.7 18.9 28.3  
138 17.6 13.0 19.4

