

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG072623\  
 Data File : BG058493.D  
 Acq On : 27 Jul 2023 00:46  
 Operator : MA/JU  
 Sample : 03553-11MSD  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 A4701MSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 07/28/2023  
 Supervised By :mohammad ahmed 07/28/2023

Quant Time: Jul 27 04:06:25 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG071723.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Jul 26 17:43:09 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.818  | 152  | 43918    | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.614 | 136  | 185844   | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.463 | 164  | 124428   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.207 | 188  | 298558   | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.449 | 240  | 259982   | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 24.516 | 264  | 320467   | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.241  | 96   | 6851     | 5.742  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.652  | 84   | 50760    | 14.332 | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 6.983  | 99   | 27897    | 6.696  | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.142  | 67   | 109571   | 42.078 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.347  | 132  | 82163    | 28.173 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.528  | 113  | 52366    | 16.478 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 8.981  | 128  | 61565    | 44.196 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.698  | 143  | 38759    | 25.486 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.238 | 165  | 100034   | 34.314 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.755 | 131  | 143934   | 34.057 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.869 | 166  | 394086   | 41.072 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.157 | 160  | 437910   | 43.551 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.686 | 143  | 3343m    | 2.307  | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.456 | 176  | 345248   | 43.461 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.585 | 200  | 18647    | 12.259 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.306 | 188  | 583976   | 45.268 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.598 | 212  | 710607   | 46.277 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.304 | 264  | 739229   | 47.726 | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.276  | 88   | 8135m    | 6.010  | ng/uL  |          |
| 5) Pyridine                   | 3.669  | 79   | 53657    | 14.346 | ng/u1  | 99       |
| 6) Benzaldehyde               | 6.954  | 77   | 87684    | 52.114 | ng/u1  | 97       |
| 8) Phenol                     | 7.013  | 94   | 29012    | 6.706  | ng/u1  | 96       |
| 10) Bis(2-Chloroethyl)ether   | 7.236  | 93   | 127553   | 38.483 | ng/u1  | 96       |
| 12) 2-Chlorophenol            | 7.377  | 128  | 79661    | 26.096 | ng/u1  | 98       |
| 13) 2-Methylphenol            | 8.264  | 108  | 66503    | 19.722 | ng/u1  | 98       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.340  | 45   | 204370   | 37.626 | ng/u1  | 97       |
| 16) Acetophenone              | 8.634  | 105  | 197826   | 36.554 | ng/u1  | 99       |
| 17) N-Nitroso-di-n-propyla... | 8.617  | 70   | 103699   | 35.010 | ng/u1  | 98       |
| 18) 4-Methylphenol            | 8.593  | 108  | 58013    | 15.830 | ng/u1  | 95       |
| 19) Hexachloroethane          | 8.893  | 117  | 35258    | 29.302 | ng/u1  | 97       |
| 22) Nitrobenzene              | 9.022  | 77   | 147906   | 39.815 | ng/u1  | 99       |
| 23) Isophorone                | 9.539  | 82   | 301500   | 36.201 | ng/u1  | 99       |
| 25) 2-Nitrophenol             | 9.733  | 139  | 37692    | 23.204 | ng/u1  | 97       |
| 26) 2,4-Dimethylphenol        | 9.792  | 107  | 96830    | 26.734 | ng/u1  | 97       |
| 27) Bis(2-Chloroethoxy)met... | 10.027 | 93   | 170020   | 38.546 | ng/u1  | 99       |
| 29) 2,4-Dichlorophenol        | 10.268 | 162  | 87926    | 31.777 | ng/u1  | 95       |
| 30) Naphthalene               | 10.667 | 128  | 357064   | 35.945 | ng/u1  | 98       |
| 32) 4-Chloroaniline           | 10.779 | 127  | 112496   | 26.044 | ng/u1  | 97       |
| 33) Hexachlorobutadiene       | 10.949 | 225  | 67424    | 34.077 | ng/u1  | 98       |
| 34) Caprolactam               | 11.537 | 113  | 5606m    | 4.878  | ng/u1  |          |
| 35) 4-Chloro-3-methylphenol   | 11.907 | 107  | 97215    | 27.607 | ng/u1  | 96       |
| 36) 2-Methylnaphthalene       | 12.283 | 142  | 240318   | 36.110 | ng/u1  | 100      |

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 QLast Update : Wed Jul 26 17:43:09 2023  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 07/28/2023  
 Supervised By :mohammad ahmed 07/28/2023

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 37) 1-Methylnaphthalene       | 12.500 | 142  | 244683   | 35.872 | ng/ul  | 100      |
| 39) 1,2,4,5-Tetrachloroben... | 12.653 | 216  | 149850   | 41.602 | ng/ul  | 98       |
| 40) Hexachlorocyclopentadiene | 12.624 | 237  | 31428    | 16.223 | ng/ul  | 96       |
| 41) 2,4,6-Trichlorophenol     | 12.894 | 196  | 86637    | 35.531 | ng/ul  | 98       |
| 42) 2,4,5-Trichlorophenol     | 12.970 | 196  | 74203    | 28.539 | ng/ul  | 97       |
| 43) 1,1'-Biphenyl             | 13.293 | 154  | 334226   | 39.724 | ng/ul  | 99       |
| 44) 2-Chloronaphthalene       | 13.335 | 162  | 270585   | 40.448 | ng/ul  | 97       |
| 45) 2-Nitroaniline            | 13.546 | 65   | 97435    | 41.931 | ng/ul  | 95       |
| 47) Dimethylphthalate         | 13.916 | 163  | 370445   | 38.437 | ng/ul  | 98       |
| 48) 2,6-Dinitrotoluene        | 14.040 | 165  | 82539    | 44.319 | ng/ul  | 99       |
| 50) Acenaphthylene            | 14.187 | 152  | 435021   | 40.080 | ng/ul  | 99       |
| 51) 3-Nitroaniline            | 14.375 | 138  | 69459    | 44.753 | ng/ul  | 91       |
| 52) Acenaphthene              | 14.527 | 153  | 301128   | 39.960 | ng/ul  | 99       |
| 53) 2,4-Dinitrophenol         | 14.592 | 184  | 7986     | 8.057  | ng/ul  | 98       |
| 55) 4-Nitrophenol             | 14.698 | 109  | 2463     | 2.207  | ng/ul  | 93       |
| 56) Dibenzofuran              | 14.862 | 168  | 432971   | 40.351 | ng/ul  | 100      |
| 57) 2,4-Dinitrotoluene        | 14.833 | 165  | 115300   | 42.924 | ng/ul# | 98       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.091 | 232  | 74784    | 31.131 | ng/ul  | 98       |
| 59) Diethylphthalate          | 15.279 | 149  | 391264   | 39.407 | ng/ul  | 99       |
| 61) Fluorene                  | 15.509 | 166  | 356074   | 40.465 | ng/ul  | 99       |
| 62) 4-Chlorophenyl-phenyle... | 15.503 | 204  | 196785   | 42.125 | ng/ul  | 97       |
| 63) 4-Nitroaniline            | 15.532 | 138  | 71009m   | 50.563 | ng/ul  |          |
| 66) 4,6-Dinitro-2-methylph... | 15.597 | 198  | 16862m   | 10.775 | ng/ul  |          |
| 67) N-Nitrosodiphenylamine    | 15.720 | 169  | 311967   | 42.154 | ng/ul  | 99       |
| 68) 4-Bromophenyl-phenylether | 16.396 | 248  | 137360   | 43.436 | ng/ul  | 96       |
| 69) Hexachlorobenzene         | 16.513 | 284  | 157771   | 44.214 | ng/ul  | 100      |
| 70) Atrazine                  | 16.666 | 200  | 72238    | 24.896 | ng/ul  | 94       |
| 71) Pentachlorophenol         | 16.866 | 266  | 37987m   | 18.965 | ng/ul  |          |
| 72) Phenanthrene              | 17.248 | 178  | 608211   | 42.867 | ng/ul  | 98       |
| 74) Anthracene                | 17.342 | 178  | 594704   | 41.752 | ng/ul  | 99       |
| 75) 1,2,3,4-Tetrachloroben... | 13.258 | 216  | 158028   | 42.198 | ng/ul  | 98       |
| 76) Pentachlorobenzene        | 14.786 | 250  | 397051   | 96.955 | ng/ul  | 97       |
| 77) Carbazole                 | 17.612 | 167  | 558888   | 45.265 | ng/ul  | 99       |
| 78) Di-n-butylphthalate       | 18.164 | 149  | 765942   | 48.819 | ng/ul  | 99       |
| 80) Fluoranthene              | 19.263 | 202  | 751554   | 42.723 | ng/ul  | 99       |
| 82) Pyrene                    | 19.627 | 202  | 744295   | 41.758 | ng/ul  | 99       |
| 83) Butylbenzylphthalate      | 20.514 | 149  | 320833   | 45.712 | ng/ul  | 93       |
| 84) 3,3'-Dichlorobenzidine    | 21.349 | 252  | 266557   | 45.930 | ng/ul  | 97       |
| 85) Benzo(a)anthracene        | 21.431 | 228  | 776558   | 44.439 | ng/ul  | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.337 | 149  | 454272   | 45.505 | ng/ul  | 98       |
| 87) Chrysene                  | 21.490 | 228  | 735996   | 44.404 | ng/ul  | 98       |
| 89) Di-n-octyl phthalate      | 22.483 | 149  | 814801   | 47.786 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.540 | 252  | 815575   | 43.986 | ng/ul  | 99       |
| 91) Benzo(k)fluoranthene      | 23.605 | 252  | 809487   | 43.773 | ng/ul  | 100      |
| 93) Benzo(a)pyrene            | 24.375 | 252  | 702305   | 42.585 | ng/ul  | 99       |
| 94) Indeno(1,2,3-cd)pyrene    | 28.000 | 276  | 782071m  | 35.993 | ng/ul  |          |
| 95) Dibenzo(a,h)anthracene    | 28.058 | 278  | 662261   | 37.168 | ng/ul  | 98       |
| 96) Benzo(g,h,i)perylene      | 29.098 | 276  | 598480m  | 33.806 | ng/ul  |          |

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

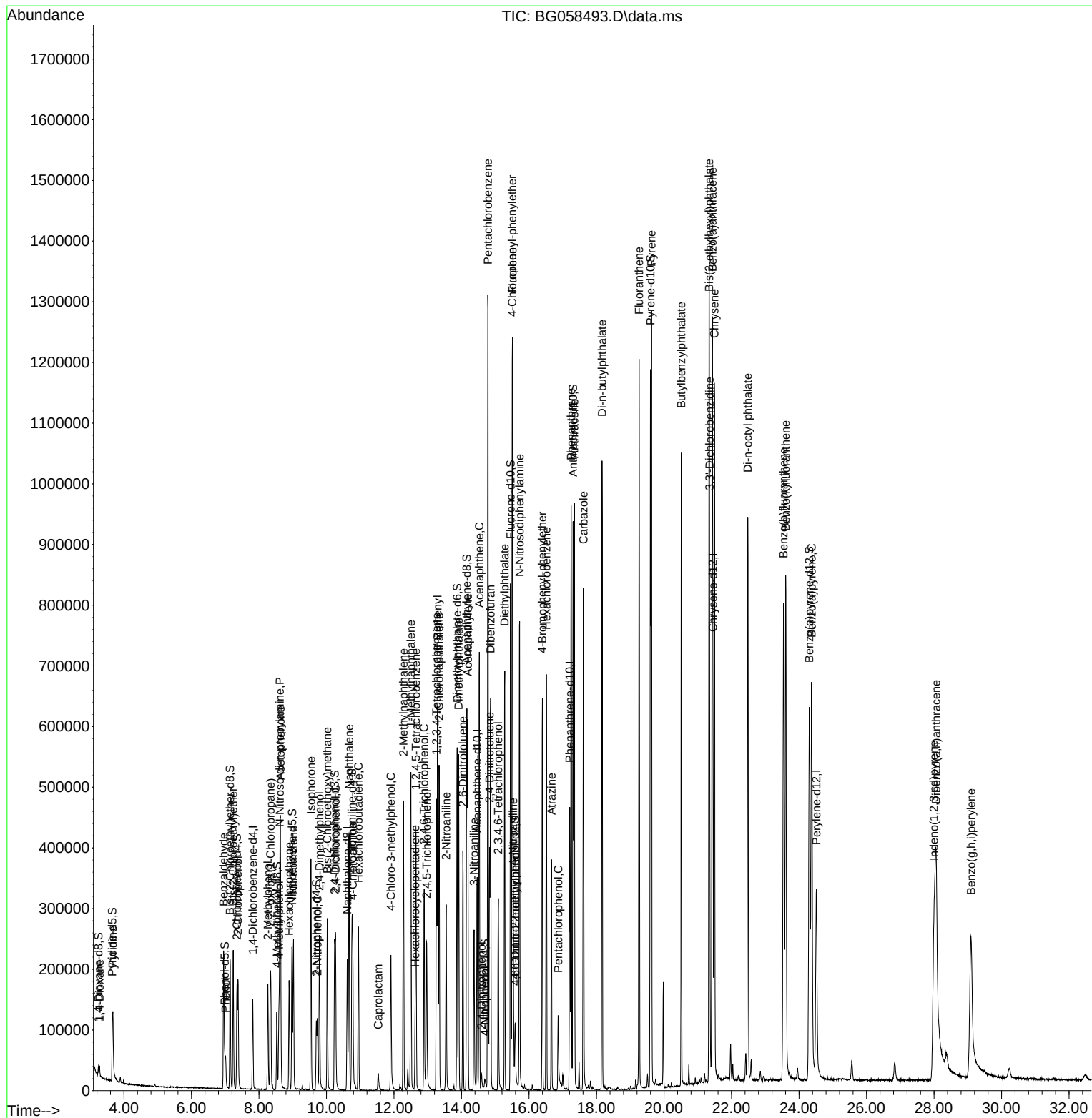
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG072623\  
 Data File : BG058493.D  
 Acq On : 27 Jul 2023 00:46  
 Operator : MA/JU  
 Sample : 03553-11MSD  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

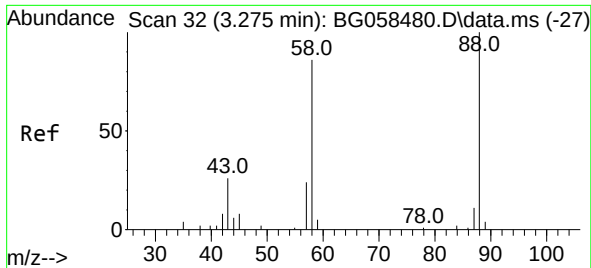
Instrument :  
 BNA\_G  
 ClientSampleId :  
 A4701MSD

Quant Time: Jul 27 04:06:25 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG071723.MA.M  
 Quant Title : SVOA CALIBRATION  
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### Manual Integrations APPROVED

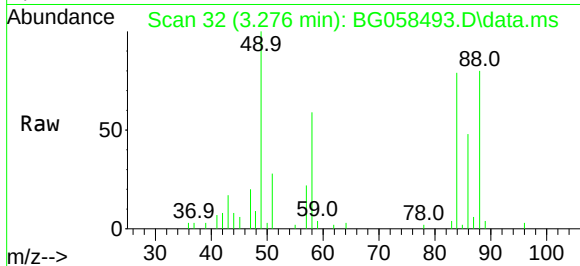
Reviewed By :Yogesh Patel 07/28/2023  
 Supervised By :mohammad ahmed 07/28/2023





#2  
 1,4-Dioxane  
 Concen: 6.010 ng/uL m  
 RT: 3.276 min Scan# 31  
 Delta R.T. -0.001 min  
 Lab File: BG058493.D  
 Acq: 27 Jul 2023 00:46

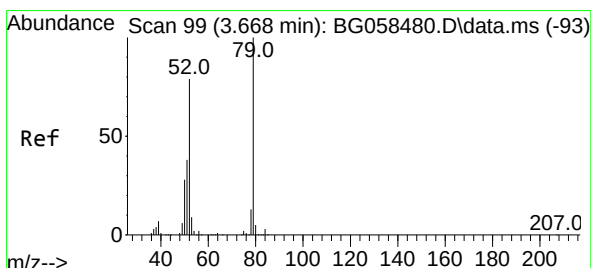
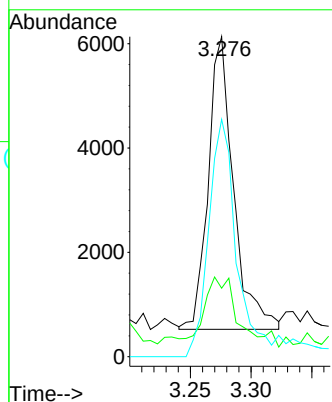
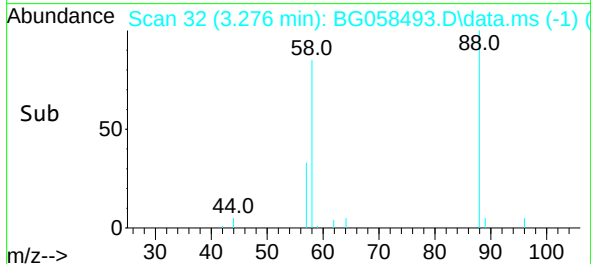
Instrument :  
 BNA\_G  
 ClientSampleId :  
 A4701MSD



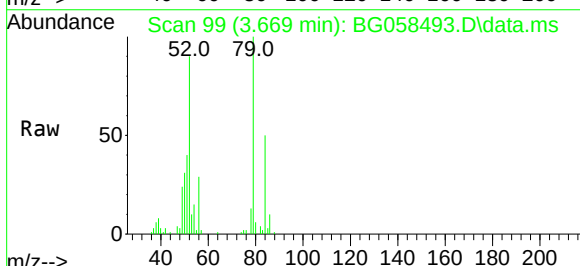
Tgt Ion: 88 Resp: 813  
 Ion Ratio Lower Upper  
 88 100  
 43 21.4 19.6 29.4  
 58 74.2 70.2 105.4

Manual Integrations  
 APPROVED

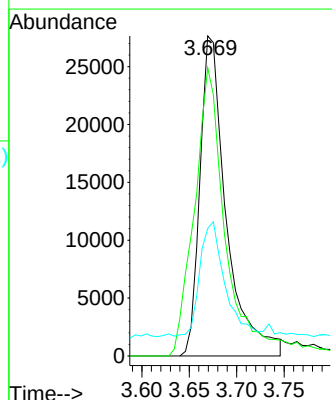
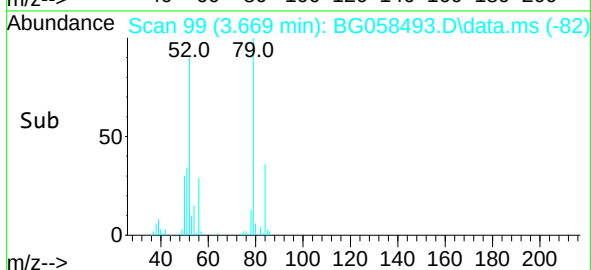
Reviewed By :Yogesh Patel 07/28/2023  
 Supervised By :mohammad ahmed 07/28/2023

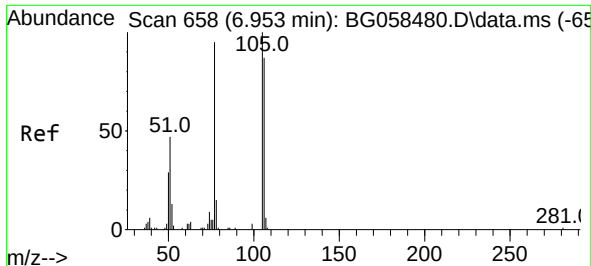


#5  
 Pyridine  
 Concen: 14.346 ng/uL  
 RT: 3.669 min Scan# 99  
 Delta R.T. -0.001 min  
 Lab File: BG058493.D  
 Acq: 27 Jul 2023 00:46



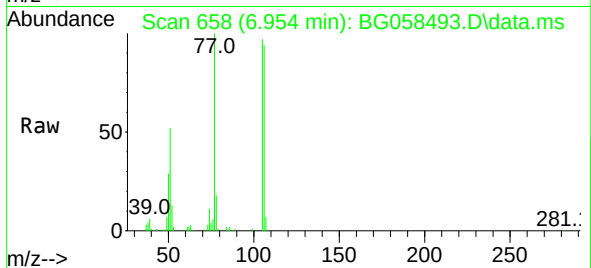
Tgt Ion: 79 Resp: 53657  
 Ion Ratio Lower Upper  
 79 100  
 52 90.0 72.3 108.5  
 51 39.9 33.4 50.0





#6  
Benzaldehyde  
Concen: 52.114 ng/ul  
RT: 6.954 min Scan# 61  
Delta R.T. -0.001 min  
Lab File: BG058493.D  
Acq: 27 Jul 2023 00:46

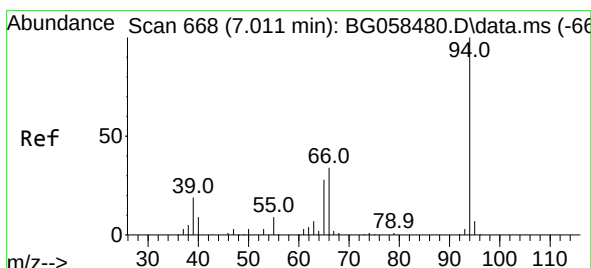
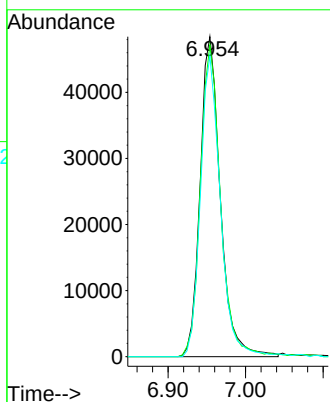
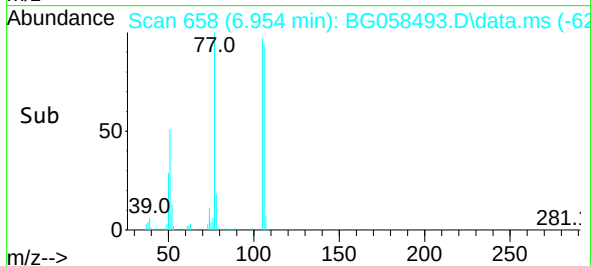
Instrument :  
BNA\_G  
ClientSampleId :  
A4701MSD



Tgt Ion: 77 Resp: 87684  
Ion Ratio Lower Upper  
77 100  
105 97.4 78.2 117.4  
106 94.0 71.6 107.4

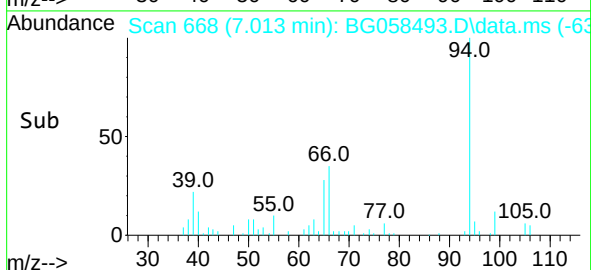
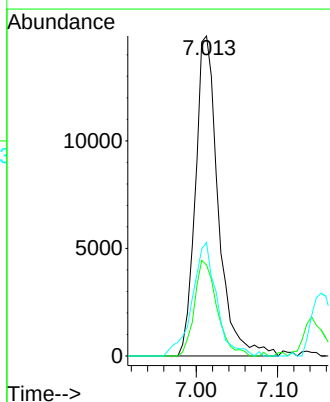
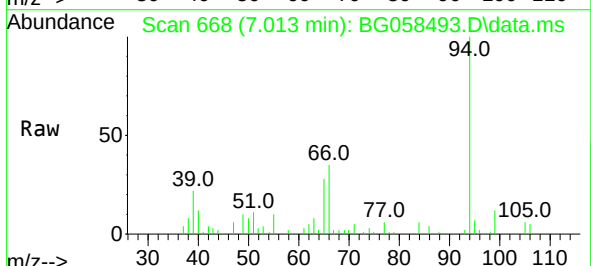
Manual Integrations  
APPROVED

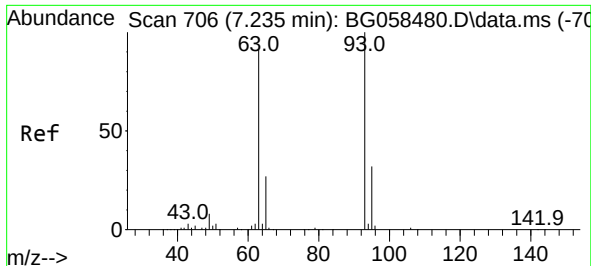
Reviewed By :Yogesh Patel 07/28/2023  
Supervised By :mohammad ahmed 07/28/2023



#8  
Phenol  
Concen: 6.706 ng/ul  
RT: 7.013 min Scan# 668  
Delta R.T. -0.001 min  
Lab File: BG058493.D  
Acq: 27 Jul 2023 00:46

Tgt Ion: 94 Resp: 29012  
Ion Ratio Lower Upper  
94 100  
65 28.4 23.8 35.8  
66 35.5 31.2 46.8





#10

Bis(2-Chloroethyl)ether

Concen: 38.483 ng/ul

RT: 7.236 min Scan# 706

Delta R.T. -0.001 min

Lab File: BG058493.D

Acq: 27 Jul 2023 00:46

Instrument :

BNA\_G

ClientSampleId :

A4701MSD

Tgt Ion: 93 Resp: 12755

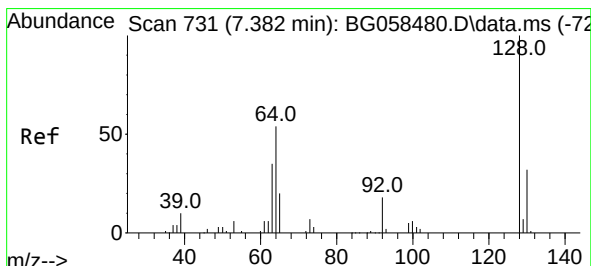
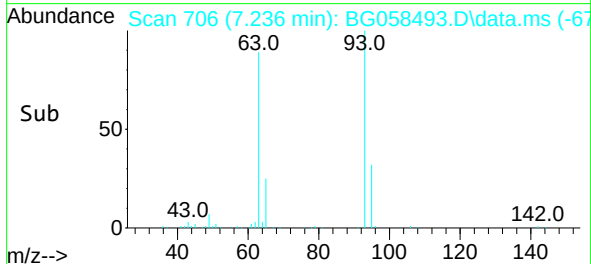
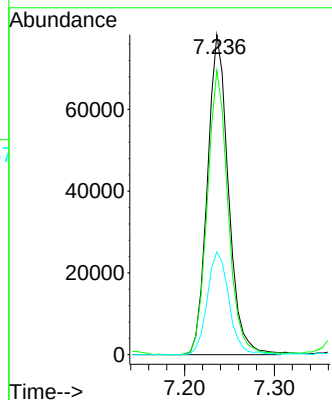
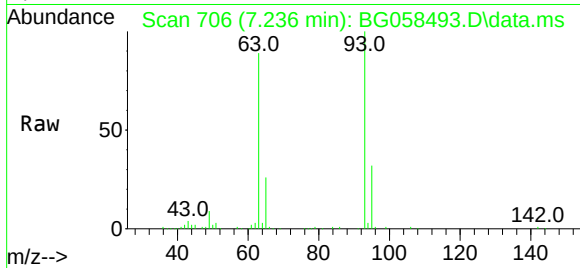
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 63  | 88.9  | 67.7  | 101.5 |
| 95  | 32.1  | 27.0  | 40.6  |

Manual Integrations

APPROVED

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#12

2-Chlorophenol

Concen: 26.096 ng/ul

RT: 7.377 min Scan# 730

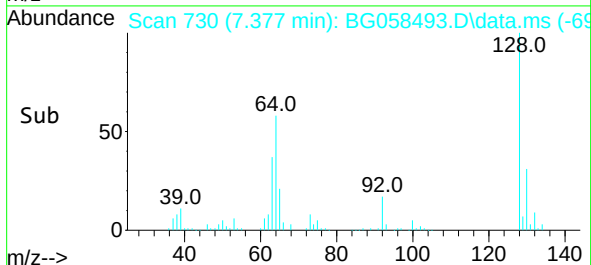
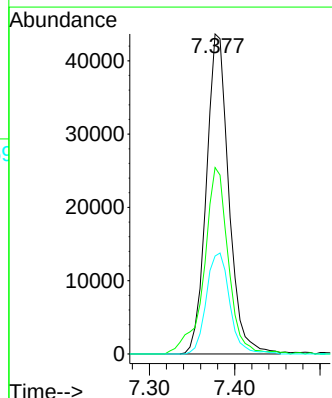
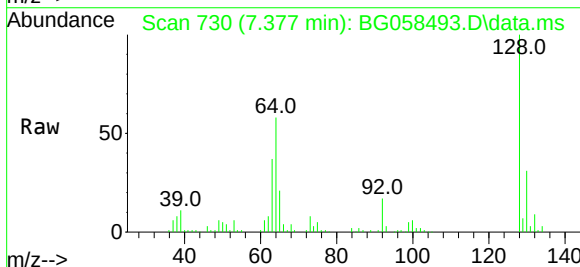
Delta R.T. -0.006 min

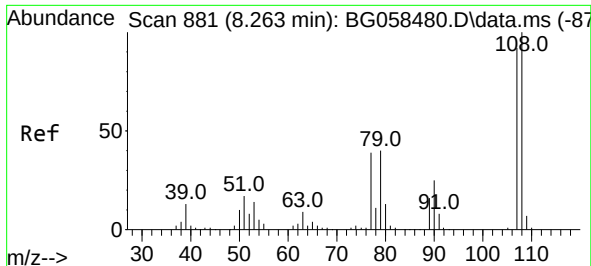
Lab File: BG058493.D

Acq: 27 Jul 2023 00:46

Tgt Ion:128 Resp: 79661

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 64  | 58.3  | 45.6  | 68.4  |
| 130 | 30.6  | 25.2  | 37.8  |





#13

2-Methylphenol

Concen: 19.722 ng/ul

RT: 8.264 min Scan# 881

Delta R.T. -0.001 min

Lab File: BG058493.D

Acq: 27 Jul 2023 00:46

Instrument :

BNA\_G

ClientSampleId :

A4701MSD

Tgt Ion:108 Resp: 6650

Ion Ratio Lower Upper

108 100

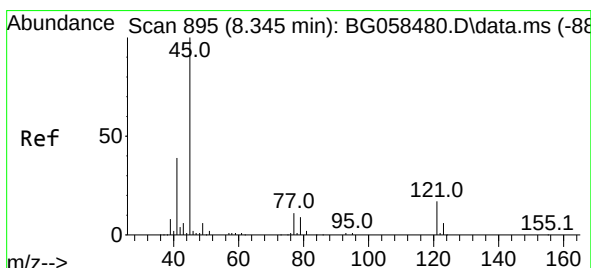
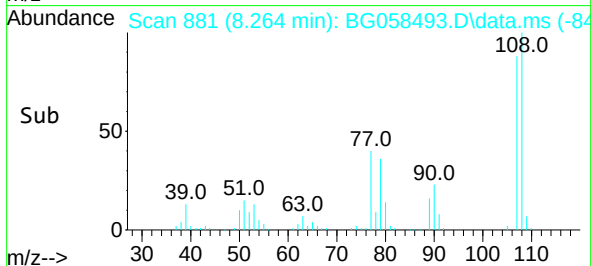
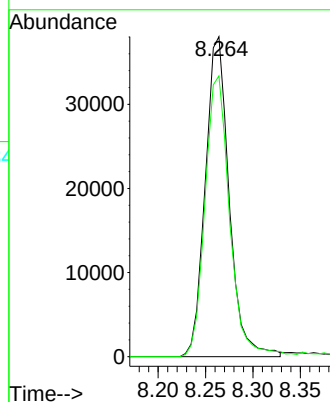
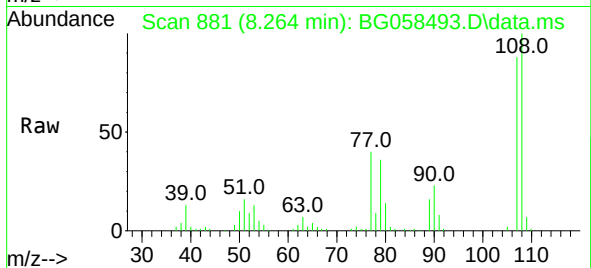
107 87.7 71.5 107.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/28/2023

Supervised By :mohammad ahmed 07/28/2023



#14

2,2'-oxybis(1-Chloropropane)

Concen: 37.626 ng/ul

RT: 8.340 min Scan# 894

Delta R.T. -0.006 min

Lab File: BG058493.D

Acq: 27 Jul 2023 00:46

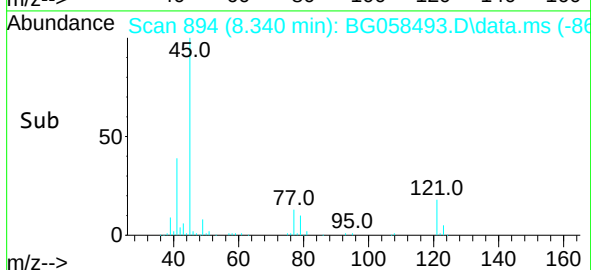
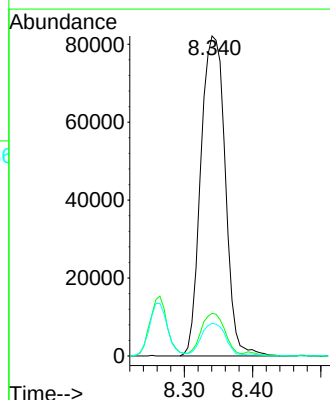
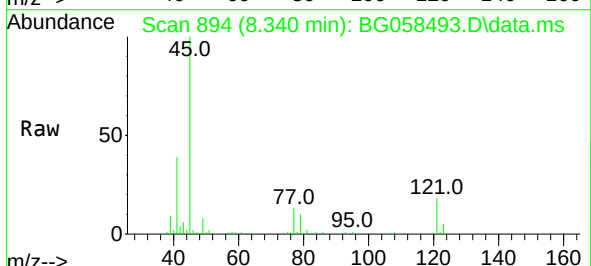
Tgt Ion: 45 Resp: 204370

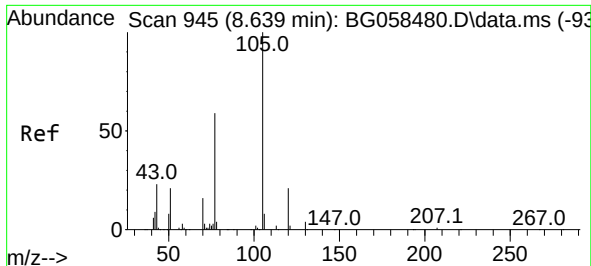
Ion Ratio Lower Upper

45 100

77 13.3 9.4 14.2

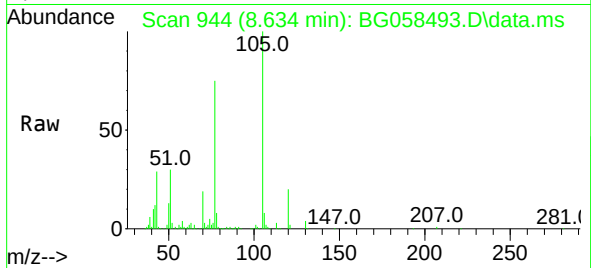
79 10.2 7.4 11.2





#16  
Acetophenone  
Concen: 36.554 ng/ul  
RT: 8.634 min Scan# 945  
Delta R.T. -0.006 min  
Lab File: BG058493.D  
Acq: 27 Jul 2023 00:46

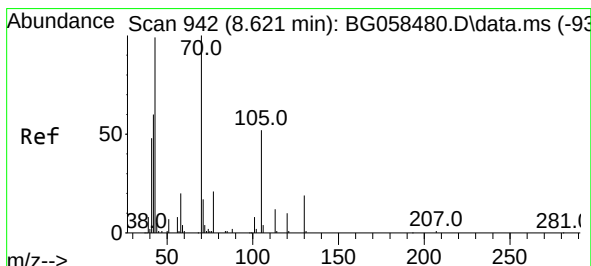
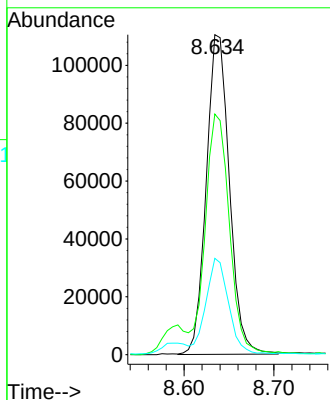
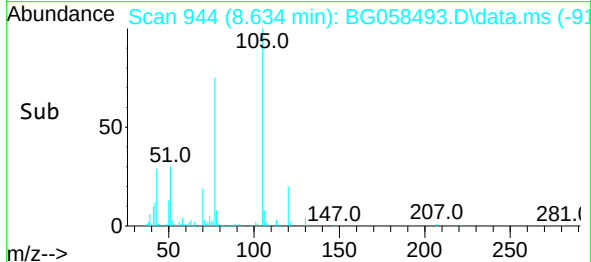
Instrument :  
BNA\_G  
ClientSampleId :  
A4701MSD



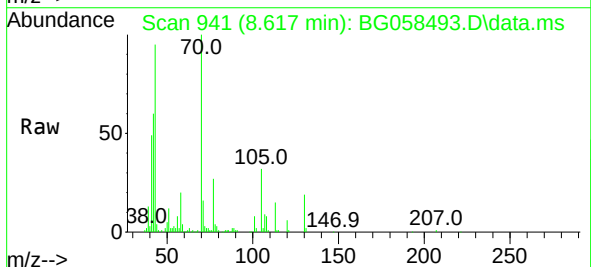
Tgt Ion:105 Resp: 197820  
Ion Ratio Lower Upper  
105 100  
77 75.2 60.7 91.1  
51 30.1 23.5 35.3

Manual Integrations  
APPROVED

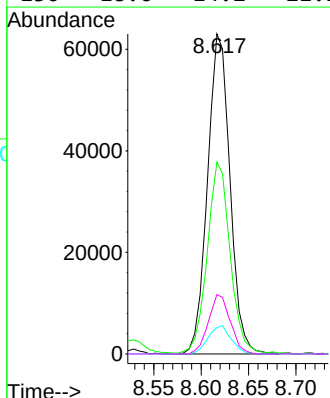
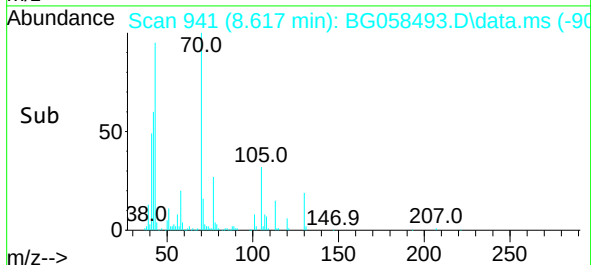
Reviewed By :Yogesh Patel 07/28/2023  
Supervised By :mohammad ahmed 07/28/2023



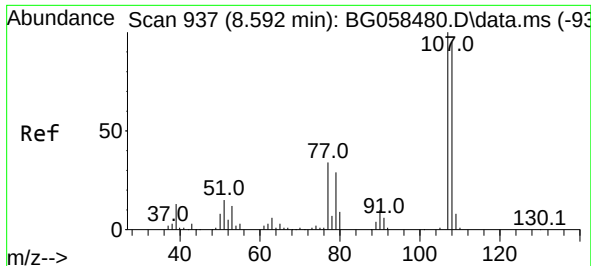
#17  
N-Nitroso-di-n-propylamine  
Concen: 35.010 ng/ul  
RT: 8.617 min Scan# 941  
Delta R.T. -0.006 min  
Lab File: BG058493.D  
Acq: 27 Jul 2023 00:46



Tgt Ion: 70 Resp: 103699  
Ion Ratio Lower Upper  
70 100  
42 59.9 46.6 69.8  
101 8.2 7.3 10.9  
130 18.6 14.2 21.2

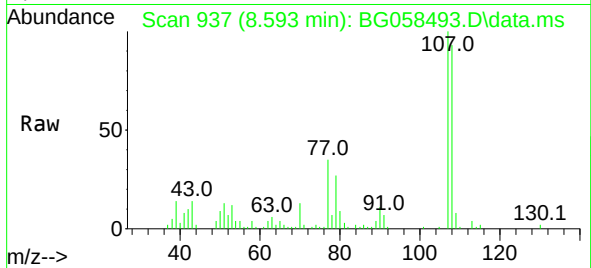






#18  
4-Methylphenol  
Concen: 15.830 ng/ul  
RT: 8.593 min Scan# 911  
Delta R.T. -0.001 min  
Lab File: BG058493.D  
Acq: 27 Jul 2023 00:46

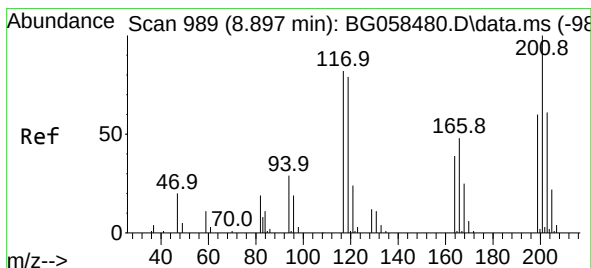
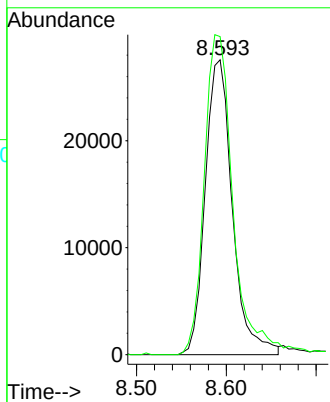
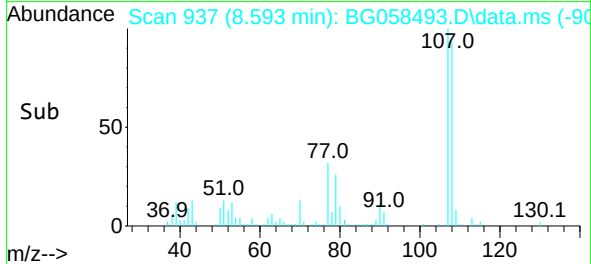
Instrument :  
BNA\_G  
ClientSampleId :  
A4701MSD



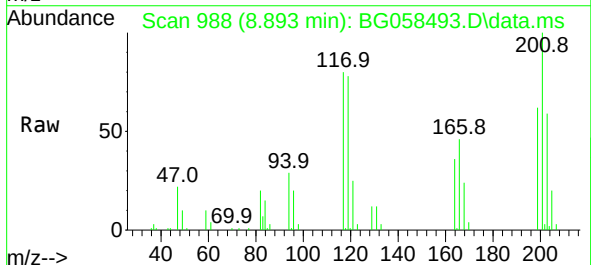
Tgt Ion:108 Resp: 5801  
Ion Ratio Lower Upper  
108 100  
107 107.9 90.6 136.0

Manual Integrations  
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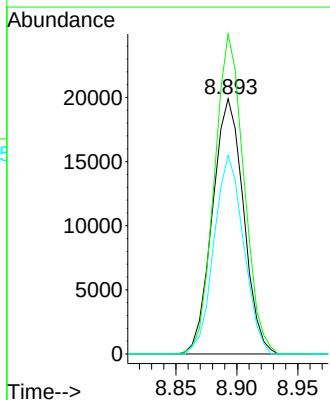
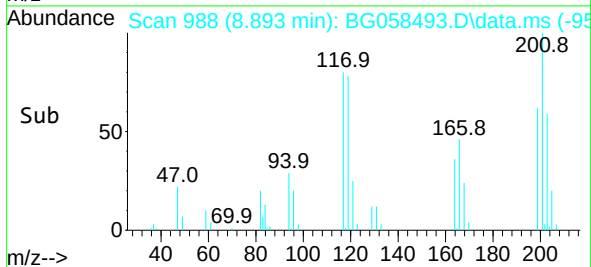
Reviewed By :Yogesh Patel 07/28/2023  
Supervised By :mohammad ahmed 07/28/2023

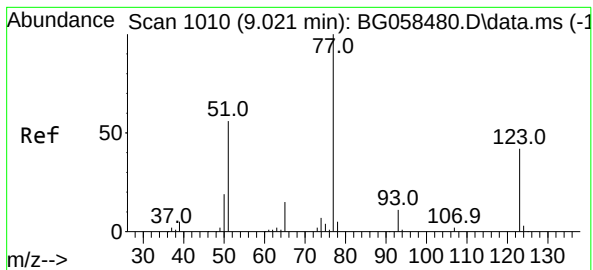


#19  
Hexachloroethane  
Concen: 29.302 ng/ul  
RT: 8.893 min Scan# 988  
Delta R.T. -0.001 min  
Lab File: BG058493.D  
Acq: 27 Jul 2023 00:46



Tgt Ion:117 Resp: 35258  
Ion Ratio Lower Upper  
117 100  
201 125.4 103.6 155.4  
199 77.9 60.1 90.1





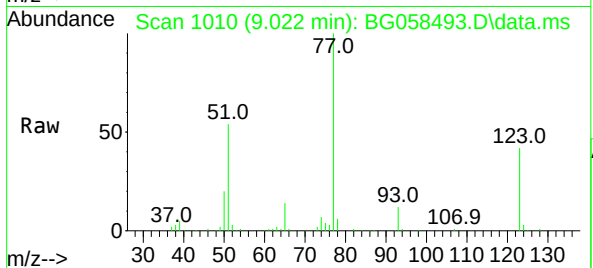
#22  
Nitrobenzene  
Concen: 39.815 ng/ul  
RT: 9.022 min Scan# 1010  
Delta R.T. -0.001 min  
Lab File: BG058493.D  
Acq: 27 Jul 2023 00:46

Instrument :

BNA\_G

ClientSampleId :

A4701MSD



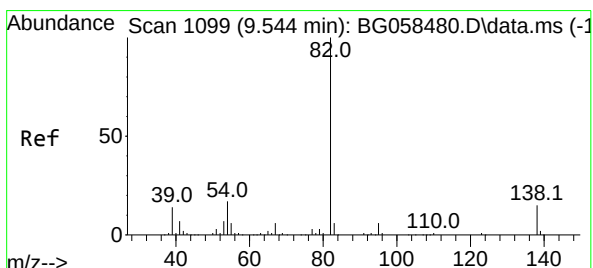
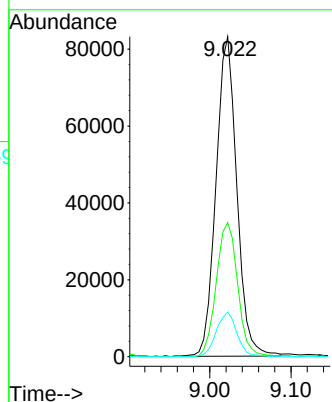
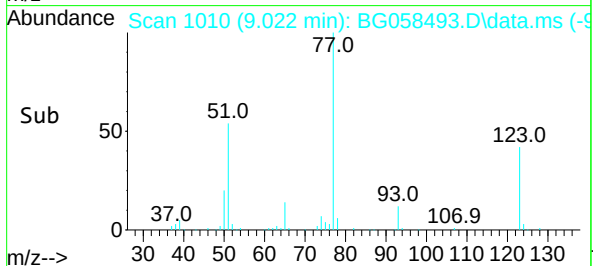
Tgt Ion: 77 Resp: 147900  
Ion Ratio Lower Upper  
77 100  
123 41.9 34.0 51.0  
65 14.0 11.0 16.6

Manual Integrations

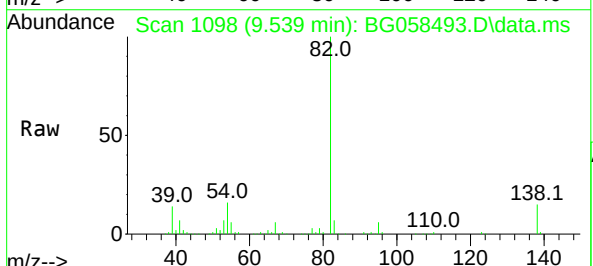
APPROVED

Reviewed By :Yogesh Patel 07/28/2023

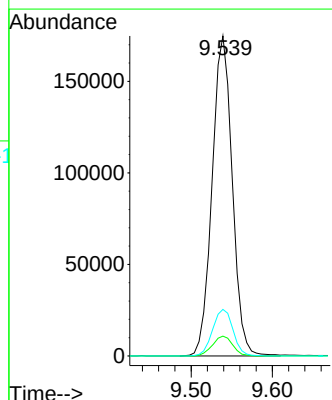
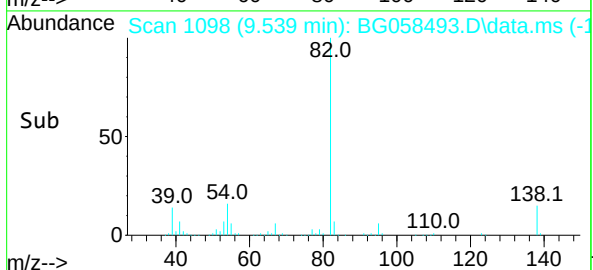
Supervised By :mohammad ahmed 07/28/2023

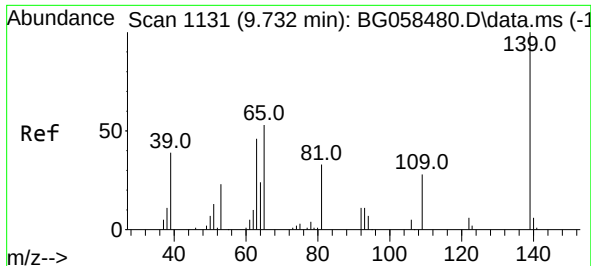


#23  
Isophorone  
Concen: 36.201 ng/ul  
RT: 9.539 min Scan# 1098  
Delta R.T. -0.000 min  
Lab File: BG058493.D  
Acq: 27 Jul 2023 00:46



Tgt Ion: 82 Resp: 301500  
Ion Ratio Lower Upper  
82 100  
95 6.2 5.1 7.7  
138 14.6 11.9 17.9





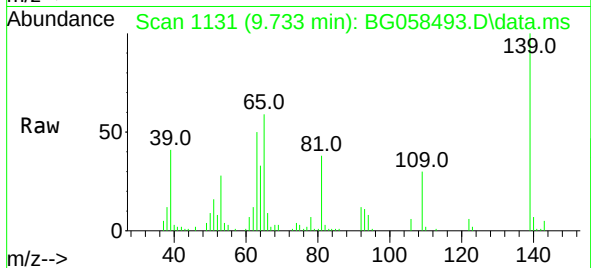
#25  
2-Nitrophenol  
Concen: 23.204 ng/ul  
RT: 9.733 min Scan# 1131  
Delta R.T. -0.001 min  
Lab File: BG058493.D  
Acq: 27 Jul 2023 00:46

Instrument :

BNA\_G

ClientSampleId :

A4701MSD



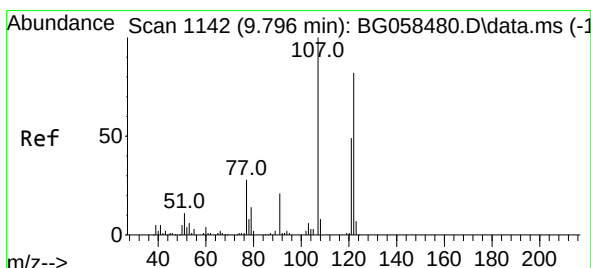
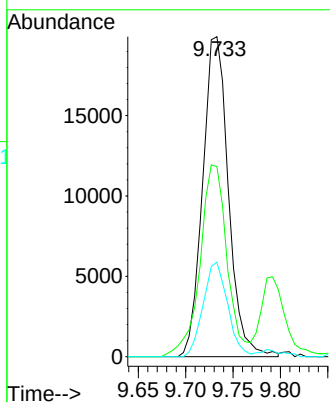
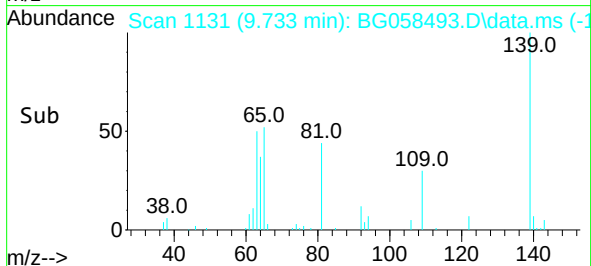
Tgt Ion:139 Resp: 37692  
Ion Ratio Lower Upper  
139 100  
65 59.4 49.2 73.8  
109 29.6 21.6 32.4

Manual Integrations

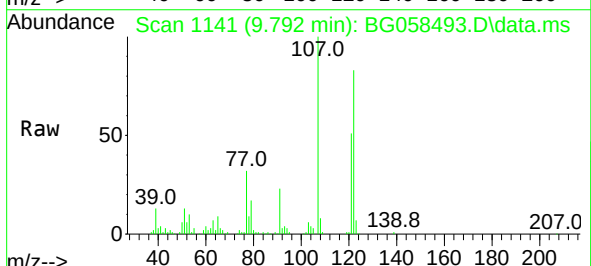
APPROVED

Reviewed By :Yogesh Patel 07/28/2023

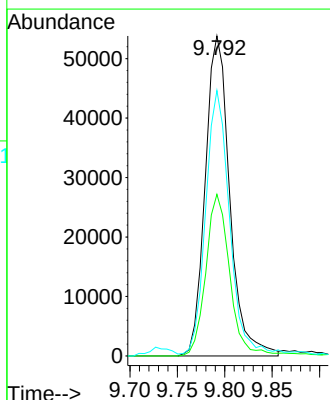
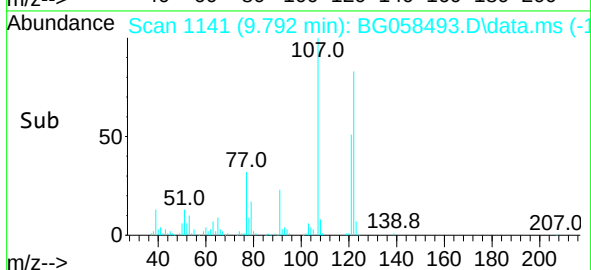
Supervised By :mohammad ahmed 07/28/2023

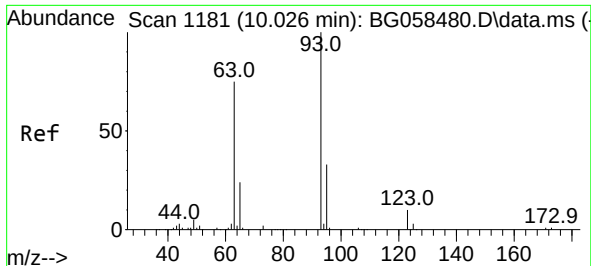


#26  
2,4-Dimethylphenol  
Concen: 26.734 ng/ul  
RT: 9.792 min Scan# 1141  
Delta R.T. -0.001 min  
Lab File: BG058493.D  
Acq: 27 Jul 2023 00:46



Tgt Ion:107 Resp: 96830  
Ion Ratio Lower Upper  
107 100  
121 50.5 39.1 58.7  
122 82.9 68.9 103.3





#27

Bis(2-Chloroethoxy)methane

Concen: 38.546 ng/ul

RT: 10.027 min Scan# 1181

Delta R.T. -0.001 min

Lab File: BG058493.D

Acq: 27 Jul 2023 00:46

Instrument :

BNA\_G

ClientSampleId :

A4701MSD

Tgt Ion: 93 Resp: 170020

Ion Ratio Lower Upper

93 100

95 32.2 25.8 38.8

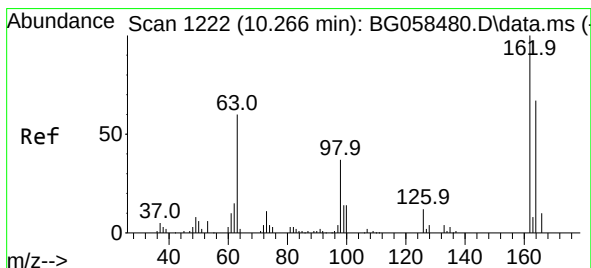
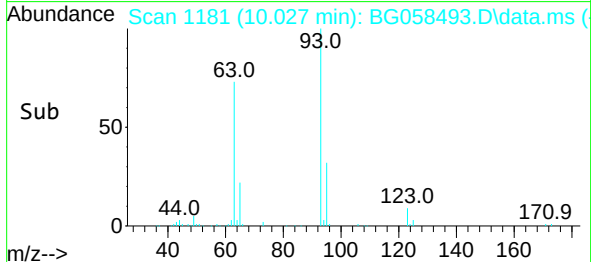
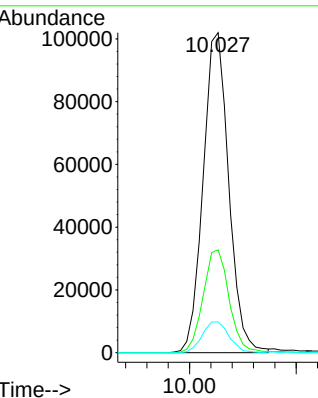
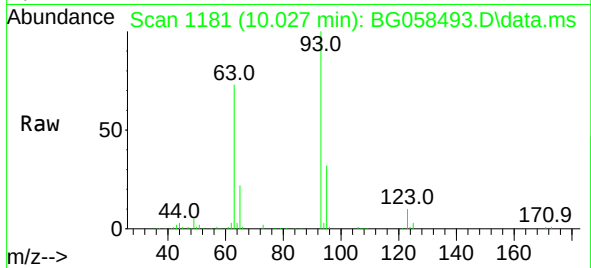
123 9.7 9.3 13.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/28/2023

Supervised By :mohammad ahmed 07/28/2023



#29

2,4-Dichlorophenol

Concen: 31.777 ng/ul

RT: 10.268 min Scan# 1222

Delta R.T. -0.006 min

Lab File: BG058493.D

Acq: 27 Jul 2023 00:46

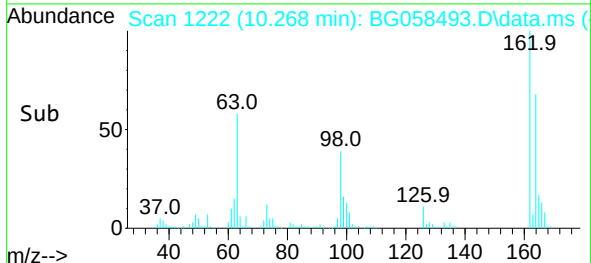
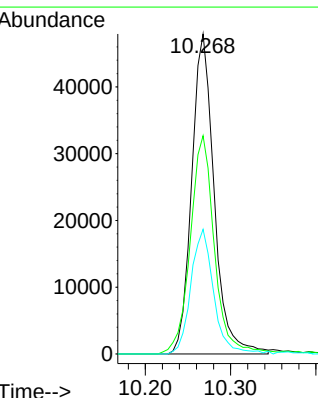
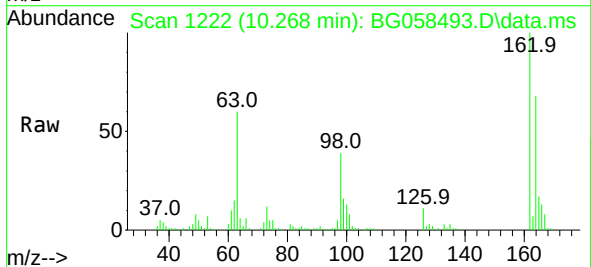
Tgt Ion:162 Resp: 87926

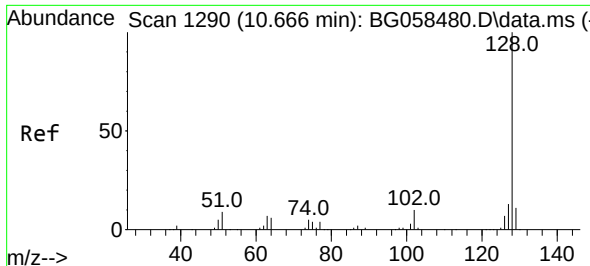
Ion Ratio Lower Upper

162 100

164 68.2 58.4 87.6

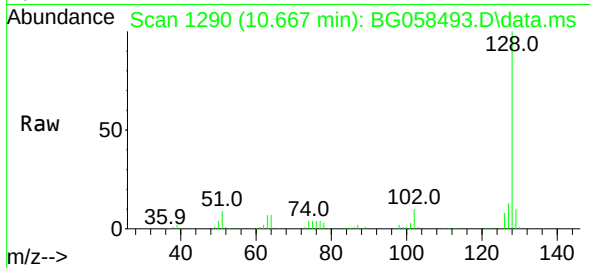
98 38.9 29.6 44.4





#30  
Naphthalene  
Concen: 35.945 ng/ul  
RT: 10.667 min Scan# 1109  
Delta R.T. -0.001 min  
Lab File: BG058493.D  
Acq: 27 Jul 2023 00:46

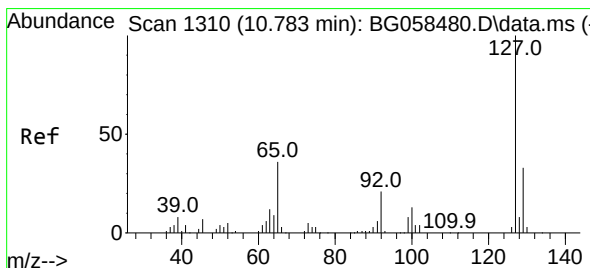
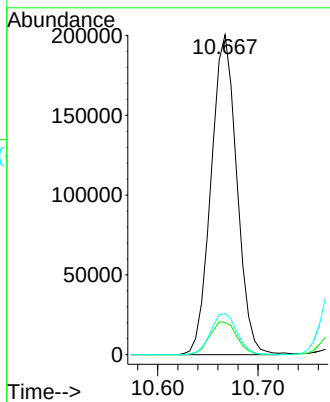
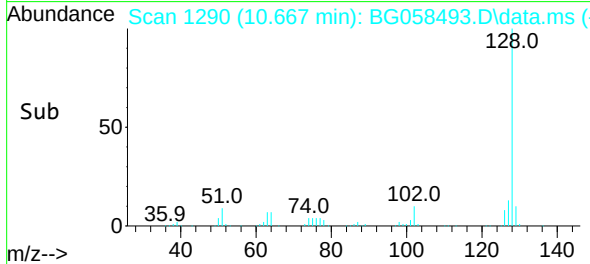
Instrument :  
BNA\_G  
ClientSampleId :  
A4701MSD



Tgt Ion:128 Resp: 357064  
Ion Ratio Lower Upper  
128 100  
129 10.0 8.8 13.2  
127 12.9 10.8 16.2

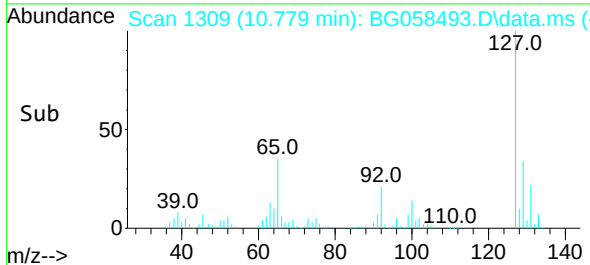
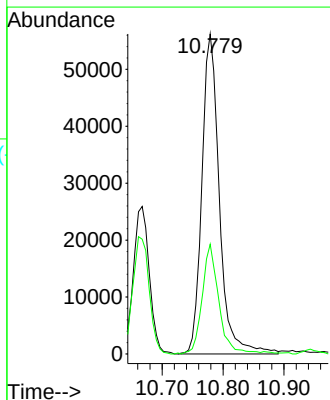
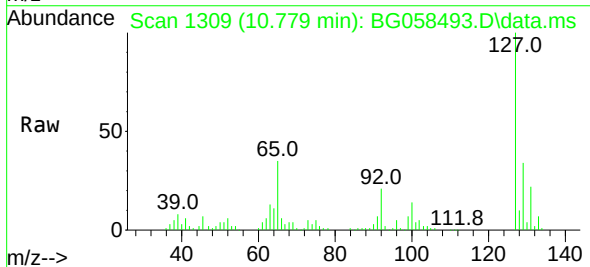
Manual Integrations  
APPROVED

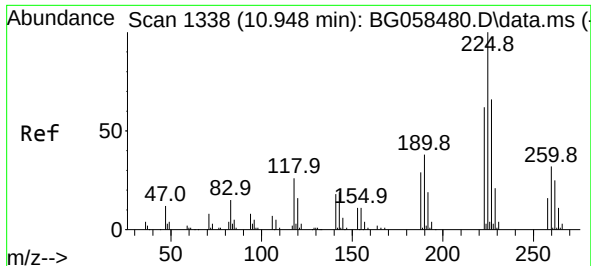
Reviewed By :Yogesh Patel 07/28/2023  
Supervised By :mohammad ahmed 07/28/2023



#32  
4-Chloroaniline  
Concen: 26.044 ng/ul  
RT: 10.779 min Scan# 1309  
Delta R.T. -0.006 min  
Lab File: BG058493.D  
Acq: 27 Jul 2023 00:46

Tgt Ion:127 Resp: 112496  
Ion Ratio Lower Upper  
127 100  
129 34.3 26.1 39.1





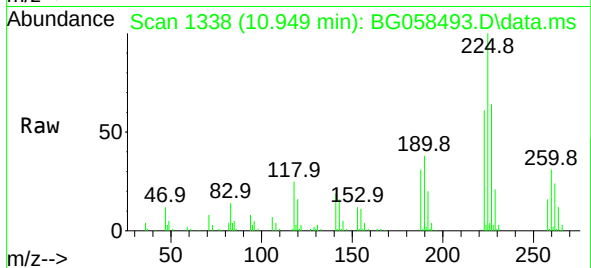
#33  
Hexachlorobutadiene  
Concen: 34.077 ng/ul  
RT: 10.949 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: BG058493.D  
Acq: 27 Jul 2023 00:46

Instrument :

BNA\_G

ClientSampleId :

A4701MSD

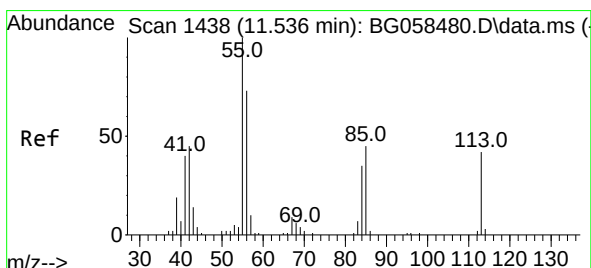
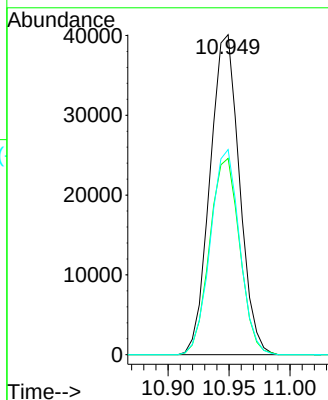
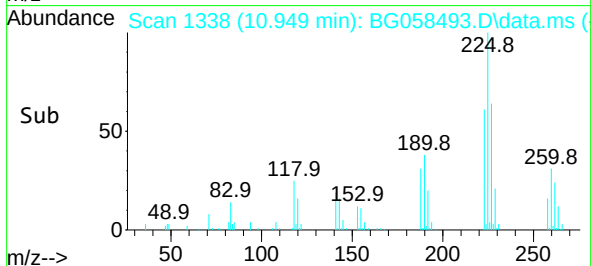


Tgt Ion:225 Resp: 67424  
Ion Ratio Lower Upper  
225 100  
223 61.3 49.7 74.5  
227 64.1 53.2 79.8

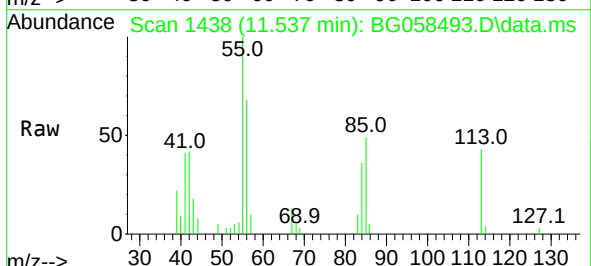
Manual Integrations

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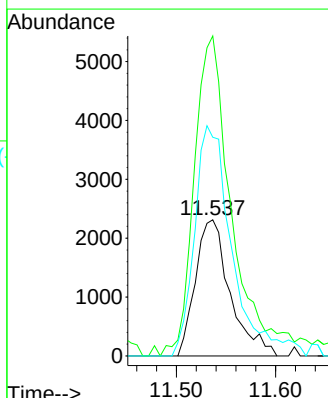
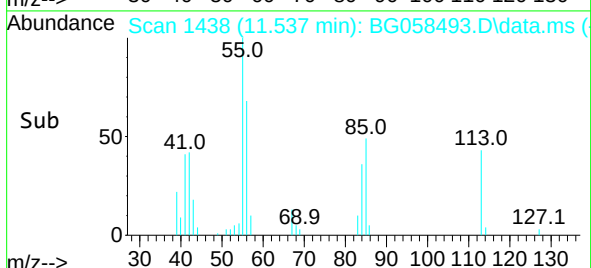
Reviewed By :Yogesh Patel 07/28/2023  
Supervised By :mohammad ahmed 07/28/2023

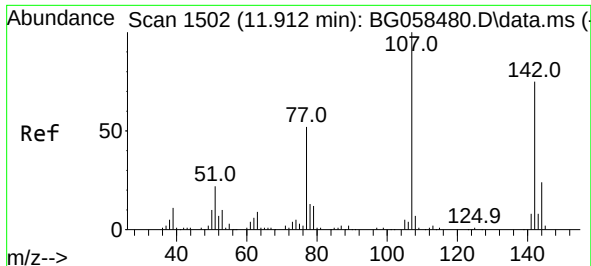


#34  
Caprolactam  
Concen: 4.878 ng/ul m  
RT: 11.537 min Scan# 1438  
Delta R.T. -0.030 min  
Lab File: BG058493.D  
Acq: 27 Jul 2023 00:46



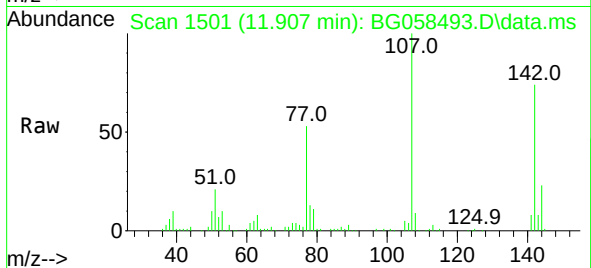
Tgt Ion:113 Resp: 5606  
Ion Ratio Lower Upper  
113 100  
55 235.0 179.8 269.6  
56 160.6 132.2 198.4





#35  
4-Chloro-3-methylphenol  
Concen: 27.607 ng/ul  
RT: 11.907 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BG058493.D  
Acq: 27 Jul 2023 00:46

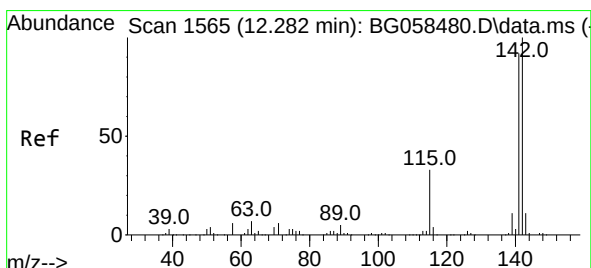
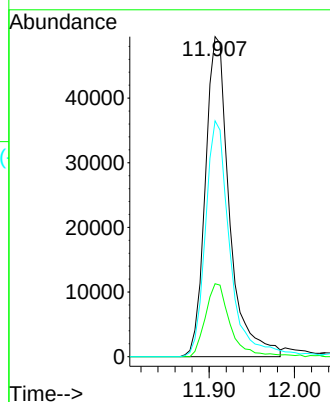
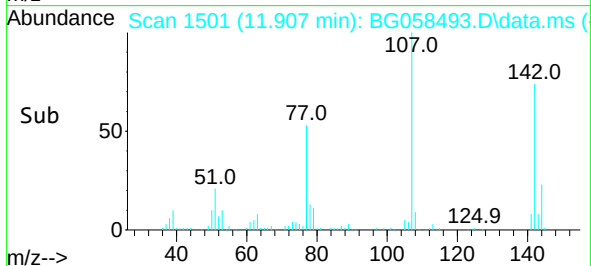
Instrument :  
BNA\_G  
ClientSampleId :  
A4701MSD



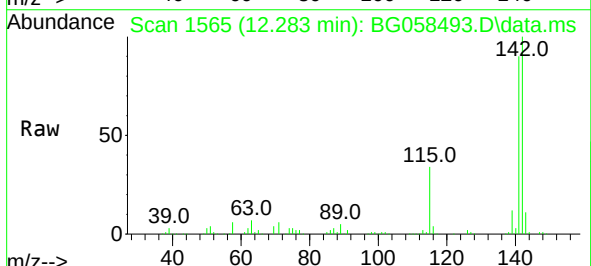
Tgt Ion:107 Resp: 97215  
Ion Ratio Lower Upper  
107 100  
144 22.8 19.0 28.6  
142 73.7 55.8 83.6

Manual Integrations  
APPROVED

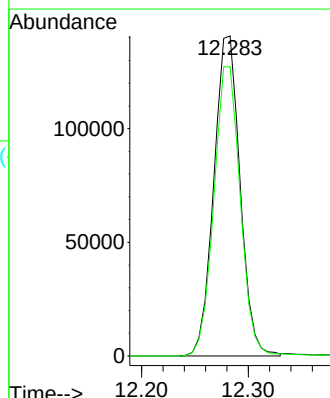
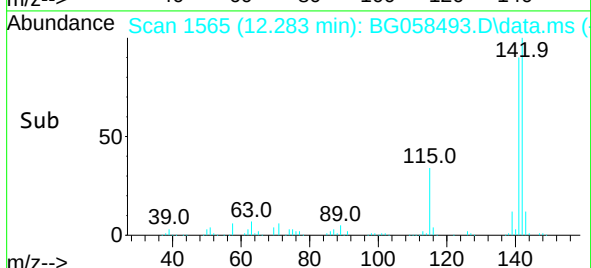
Reviewed By :Yogesh Patel 07/28/2023  
Supervised By :mohammad ahmed 07/28/2023

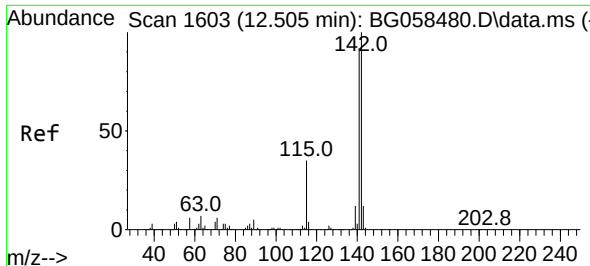


#36  
2-Methylnaphthalene  
Concen: 36.110 ng/ul  
RT: 12.283 min Scan# 1565  
Delta R.T. -0.001 min  
Lab File: BG058493.D  
Acq: 27 Jul 2023 00:46



Tgt Ion:142 Resp: 240318  
Ion Ratio Lower Upper  
142 100  
141 90.4 72.6 108.8





#37  
1-Methylnaphthalene  
Concen: 35.872 ng/ul  
RT: 12.500 min Scan# 1603  
Delta R.T. -0.006 min  
Lab File: BG058493.D  
Acq: 27 Jul 2023 00:46

Instrument :

BNA\_G

ClientSampleId :

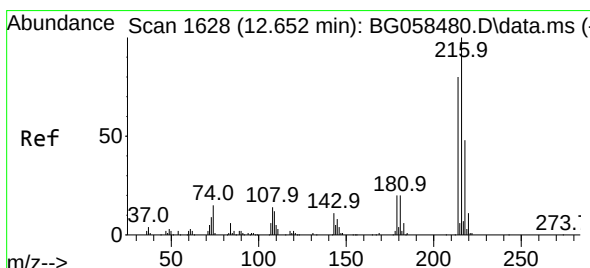
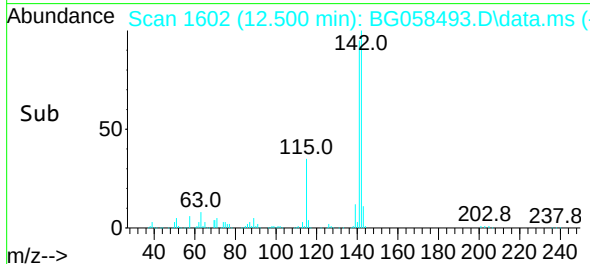
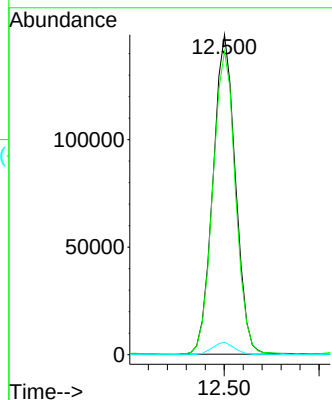
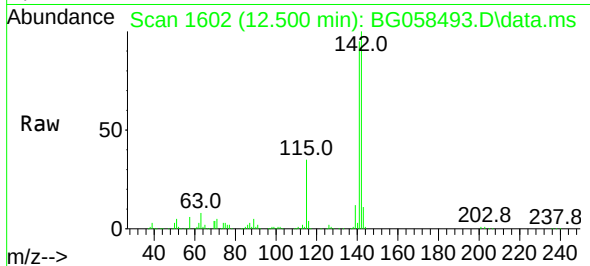
A4701MSD

Tgt Ion:142 Resp: 24468  
Ion Ratio Lower Upper  
142 100  
141 94.8 75.8 113.6  
116 3.9 3.2 4.8

Manual Integrations

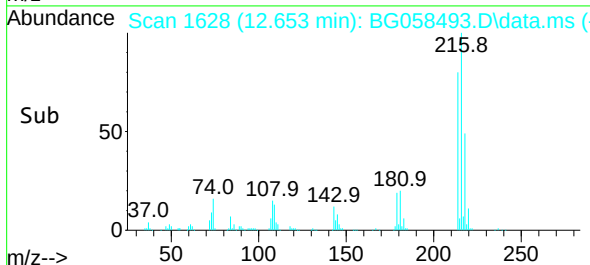
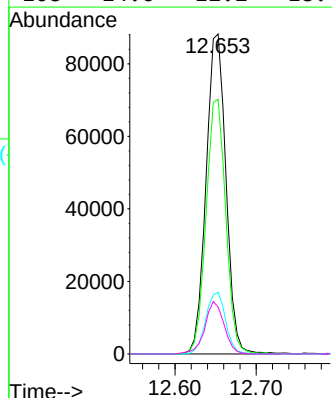
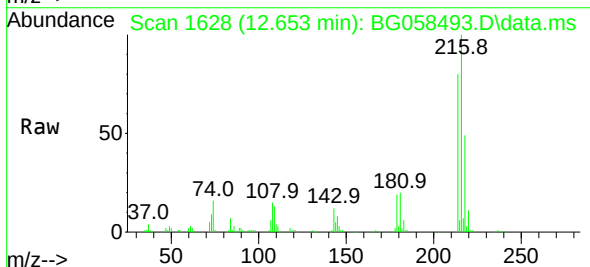
APPROVED

Reviewed By :Yogesh Patel 07/28/2023  
Supervised By :mohammad ahmed 07/28/2023

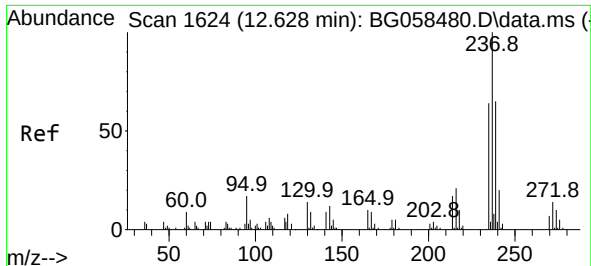


#39  
1,2,4,5-Tetrachlorobenzene  
Concen: 41.602 ng/ul  
RT: 12.653 min Scan# 1628  
Delta R.T. -0.001 min  
Lab File: BG058493.D  
Acq: 27 Jul 2023 00:46

Tgt Ion:216 Resp: 149850  
Ion Ratio Lower Upper  
216 100  
214 79.5 62.2 93.4  
179 19.2 16.2 24.2  
108 14.6 12.2 18.4

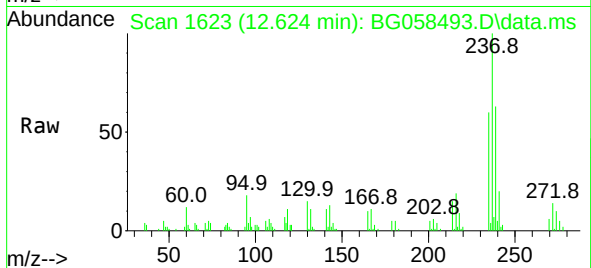






#40  
Hexachlorocyclopentadiene  
Concen: 16.223 ng/ul  
RT: 12.624 min Scan# 1623  
Delta R.T. -0.006 min  
Lab File: BG058493.D  
Acq: 27 Jul 2023 00:46

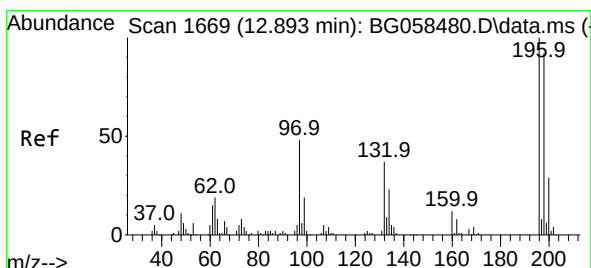
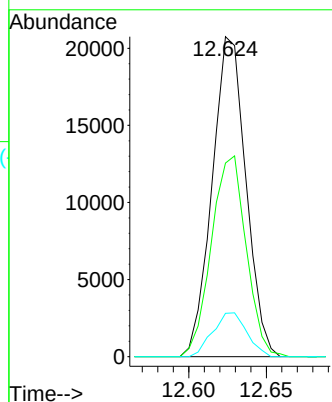
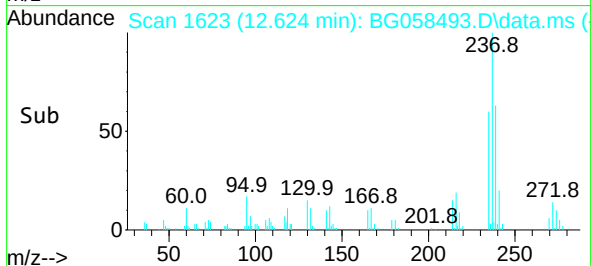
Instrument :  
BNA\_G  
ClientSampleId :  
A4701MSD



Tgt Ion:237 Resp: 31428  
Ion Ratio Lower Upper  
237 100  
235 60.5 50.9 76.3  
272 14.4 10.8 16.2

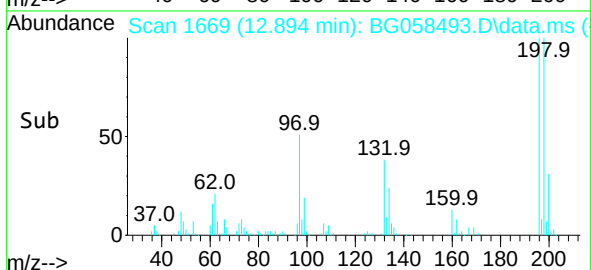
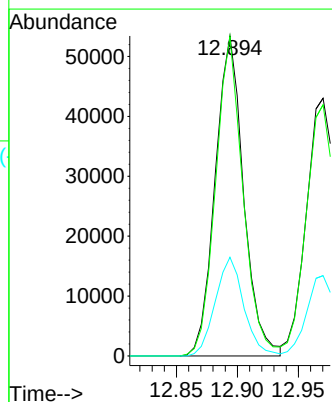
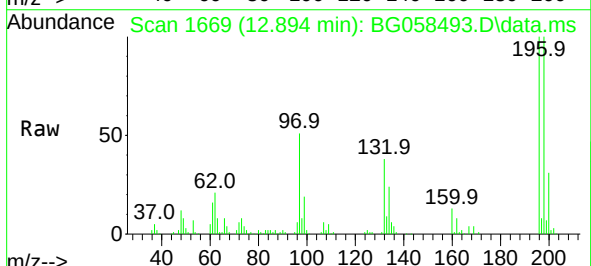
Manual Integrations  
APPROVED

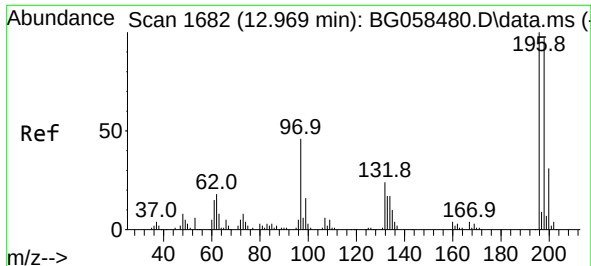
Reviewed By :Yogesh Patel 07/28/2023  
Supervised By :mohammad ahmed 07/28/2023



#41  
2,4,6-Trichlorophenol  
Concen: 35.531 ng/ul  
RT: 12.894 min Scan# 1669  
Delta R.T. -0.006 min  
Lab File: BG058493.D  
Acq: 27 Jul 2023 00:46

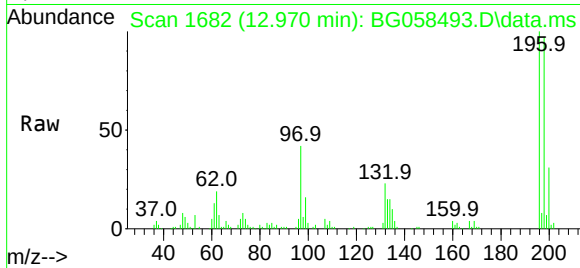
Tgt Ion:196 Resp: 86637  
Ion Ratio Lower Upper  
196 100  
198 99.8 77.7 116.5  
200 30.8 25.0 37.6





#42  
2,4,5-Trichlorophenol  
Concen: 28.539 ng/ul  
RT: 12.970 min Scan# 1682  
Delta R.T. -0.006 min  
Lab File: BG058493.D  
Acq: 27 Jul 2023 00:46

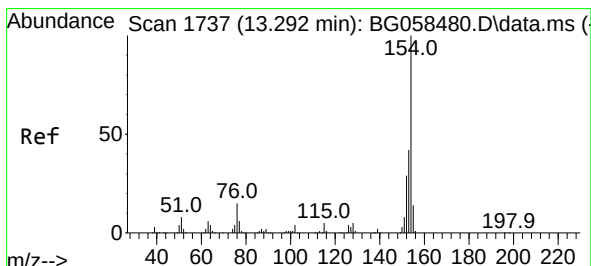
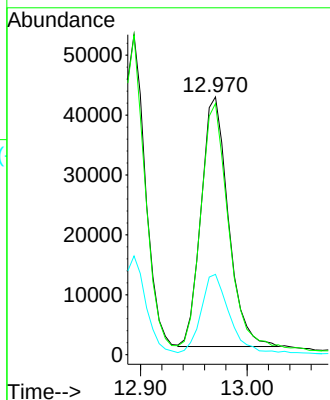
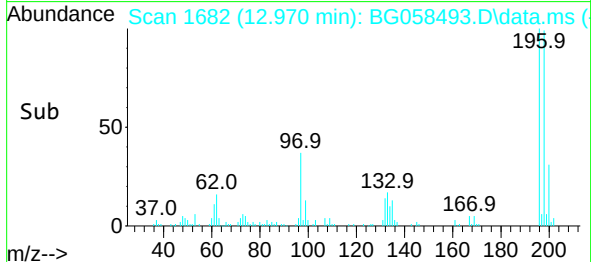
Instrument :  
BNA\_G  
ClientSampleId :  
A4701MSD



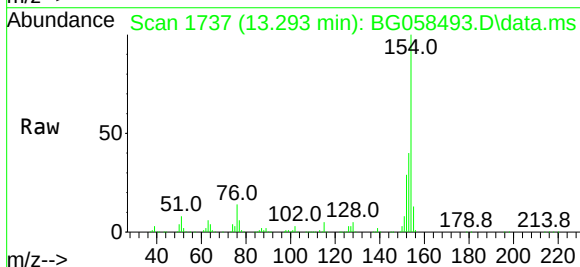
Tgt Ion:196 Resp: 7420  
Ion Ratio Lower Upper  
196 100  
198 97.4 74.8 112.2  
200 31.1 24.4 36.6

Manual Integrations  
APPROVED

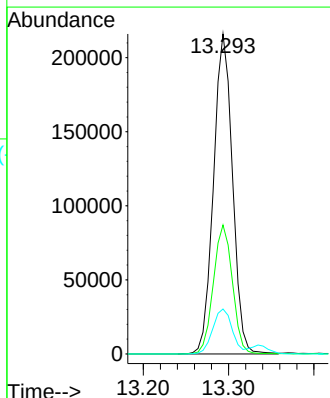
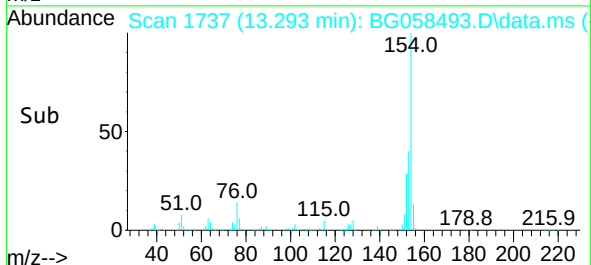
Reviewed By :Yogesh Patel 07/28/2023  
Supervised By :mohammad ahmed 07/28/2023

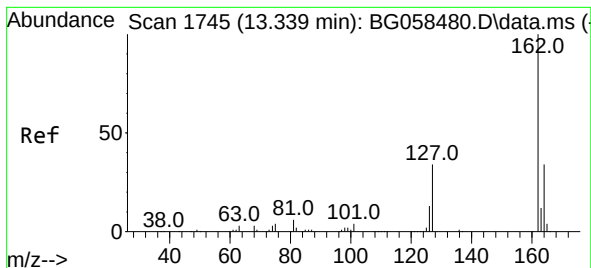


#43  
1,1'-Biphenyl  
Concen: 39.724 ng/ul  
RT: 13.293 min Scan# 1737  
Delta R.T. -0.001 min  
Lab File: BG058493.D  
Acq: 27 Jul 2023 00:46



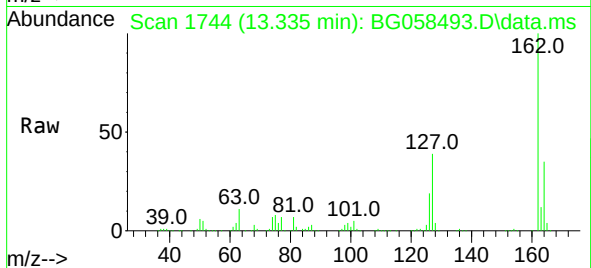
Tgt Ion:154 Resp: 334226  
Ion Ratio Lower Upper  
154 100  
153 40.3 31.8 47.6  
76 14.1 11.7 17.5





#44  
2-Chloronaphthalene  
Concen: 40.448 ng/ul  
RT: 13.335 min Scan# 1745  
Delta R.T. -0.006 min  
Lab File: BG058493.D  
Acq: 27 Jul 2023 00:46

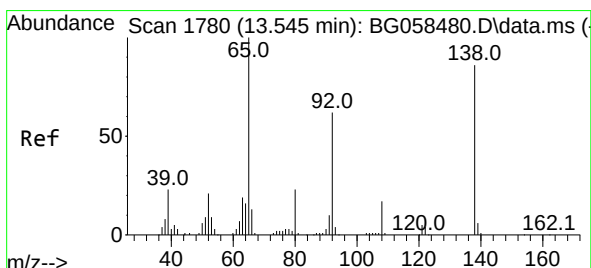
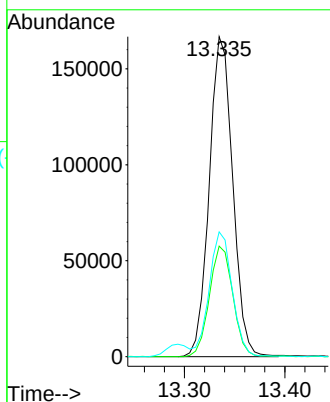
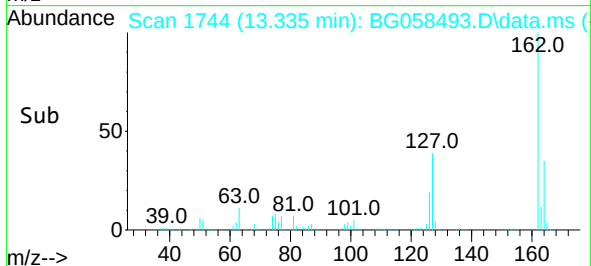
Instrument :  
BNA\_G  
ClientSampleId :  
A4701MSD



Tgt Ion:162 Resp: 27058  
Ion Ratio Lower Upper  
162 100  
164 34.5 26.2 39.2  
127 39.0 29.8 44.6

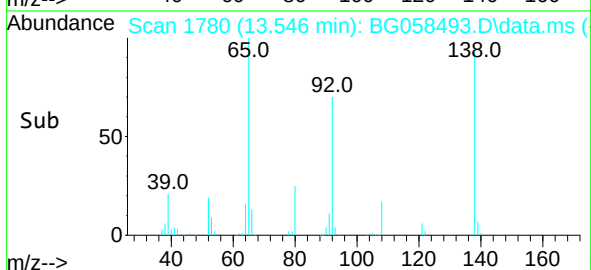
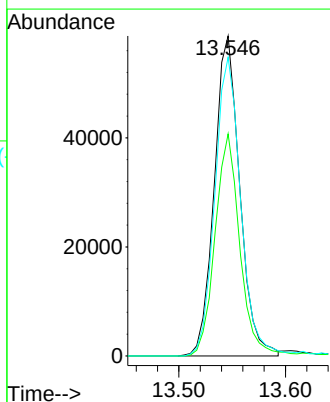
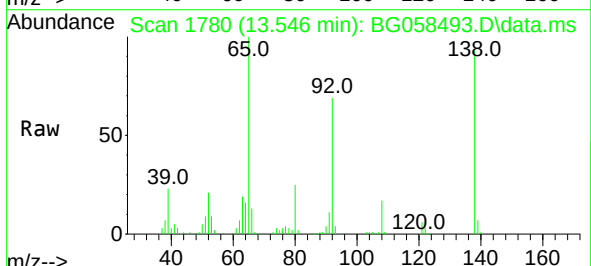
Manual Integrations  
APPROVED

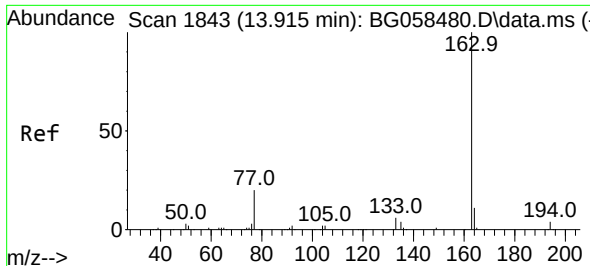
Reviewed By :Yogesh Patel 07/28/2023  
Supervised By :mohammad ahmed 07/28/2023



#45  
2-Nitroaniline  
Concen: 41.931 ng/ul  
RT: 13.546 min Scan# 1780  
Delta R.T. -0.001 min  
Lab File: BG058493.D  
Acq: 27 Jul 2023 00:46

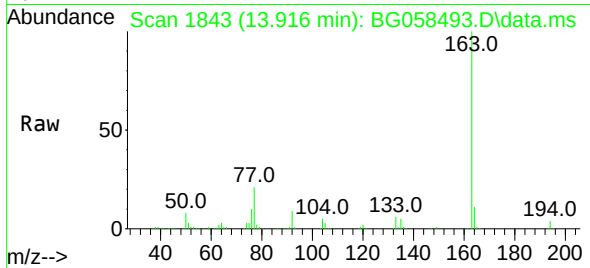
Tgt Ion: 65 Resp: 97435  
Ion Ratio Lower Upper  
65 100  
92 69.4 51.4 77.2  
138 93.4 71.6 107.4





#47  
Dimethylphthalate  
Concen: 38.437 ng/ul  
RT: 13.916 min Scan# 1843  
Delta R.T. -0.001 min  
Lab File: BG058493.D  
Acq: 27 Jul 2023 00:46

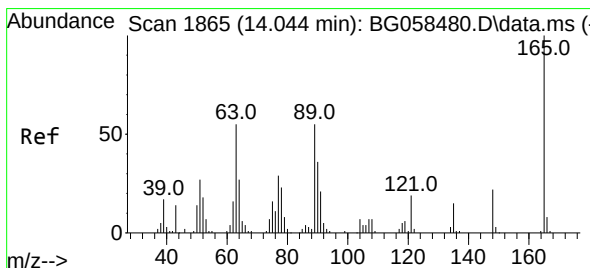
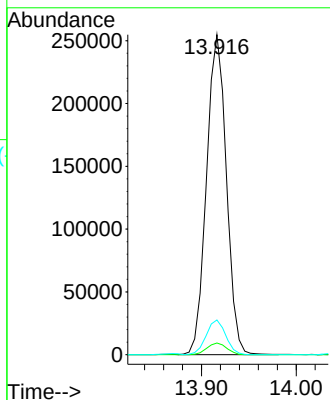
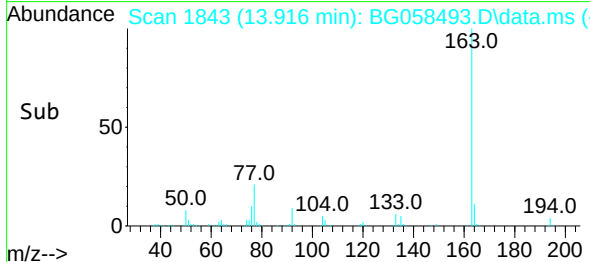
Instrument :  
BNA\_G  
ClientSampleId :  
A4701MSD



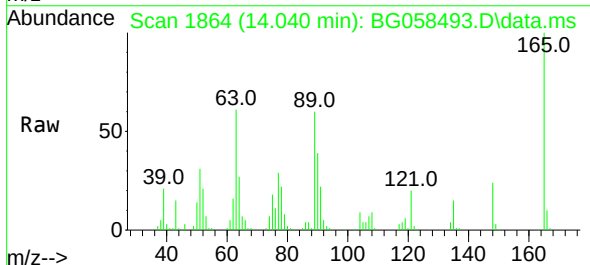
Tgt Ion:163 Resp: 37044  
Ion Ratio Lower Upper  
163 100  
194 3.7 2.6 3.8  
164 10.8 8.2 12.2

Manual Integrations  
APPROVED

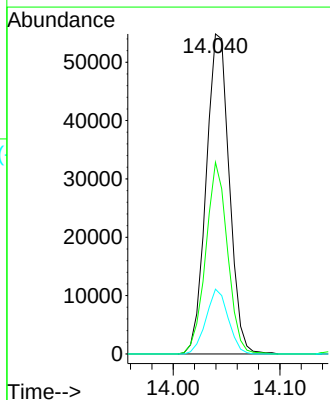
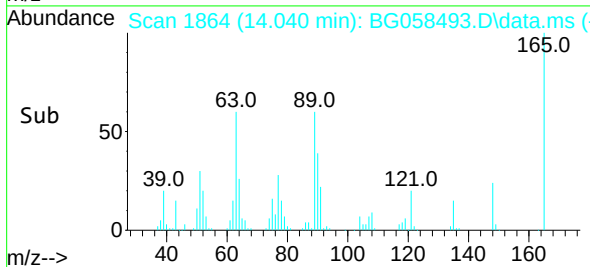
Reviewed By :Yogesh Patel 07/28/2023  
Supervised By :mohammad ahmed 07/28/2023

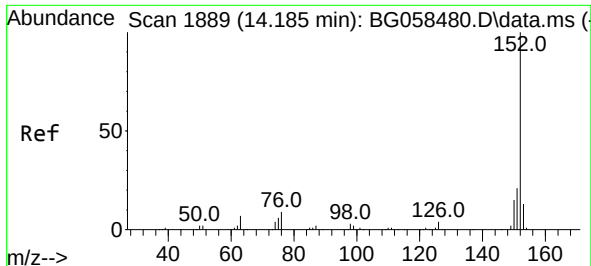


#48  
2,6-Dinitrotoluene  
Concen: 44.319 ng/ul  
RT: 14.040 min Scan# 1864  
Delta R.T. -0.006 min  
Lab File: BG058493.D  
Acq: 27 Jul 2023 00:46



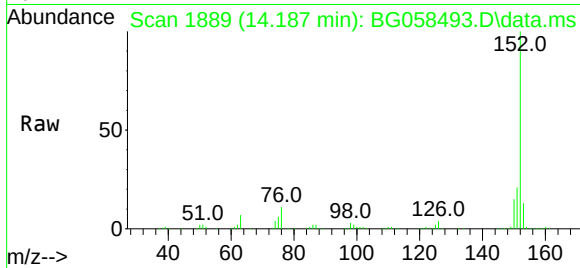
Tgt Ion:165 Resp: 82539  
Ion Ratio Lower Upper  
165 100  
89 59.9 48.9 73.3  
121 20.3 16.2 24.4





#50  
Acenaphthylene  
Concen: 40.080 ng/ul  
RT: 14.187 min Scan# 1889  
Delta R.T. -0.001 min  
Lab File: BG058493.D  
Acq: 27 Jul 2023 00:46

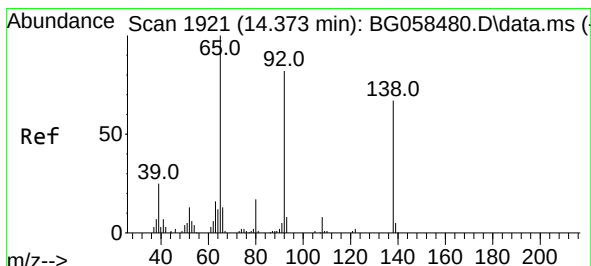
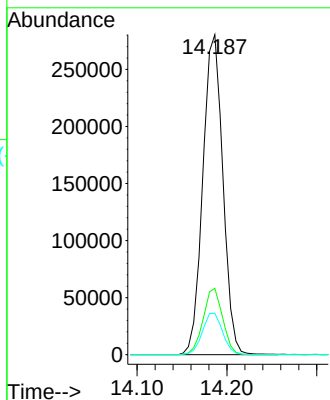
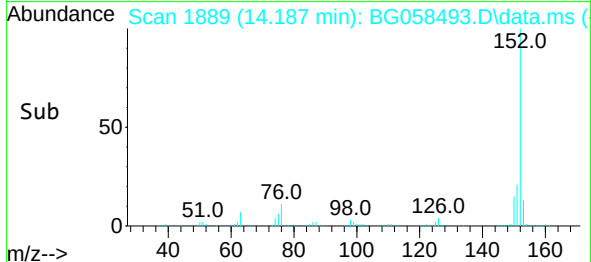
Instrument :  
BNA\_G  
ClientSampleId :  
A4701MSD



Tgt Ion:152 Resp: 43502  
Ion Ratio Lower Upper  
152 100  
151 20.7 16.4 24.6  
153 13.0 10.6 16.0

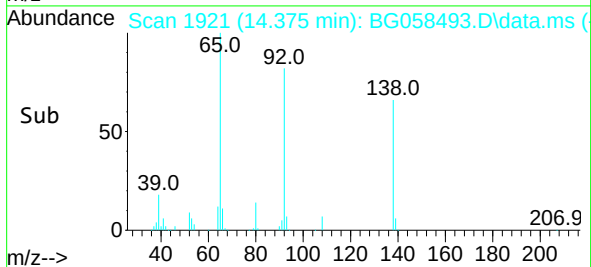
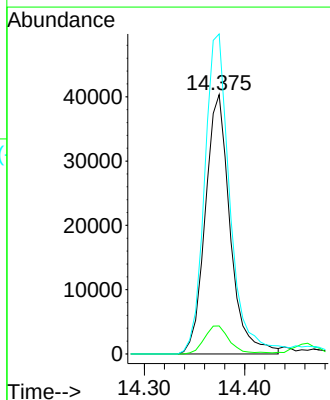
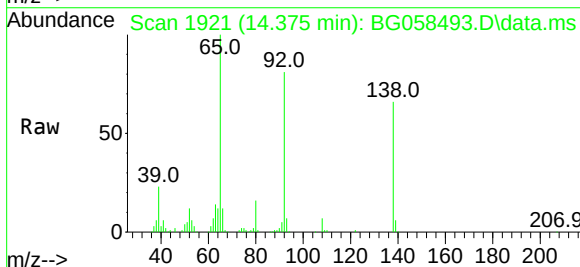
Manual Integrations  
APPROVED

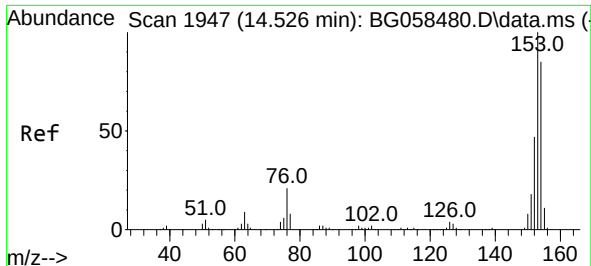
Reviewed By :Yogesh Patel 07/28/2023  
Supervised By :mohammad ahmed 07/28/2023



#51  
3-Nitroaniline  
Concen: 44.753 ng/ul  
RT: 14.375 min Scan# 1921  
Delta R.T. -0.006 min  
Lab File: BG058493.D  
Acq: 27 Jul 2023 00:46

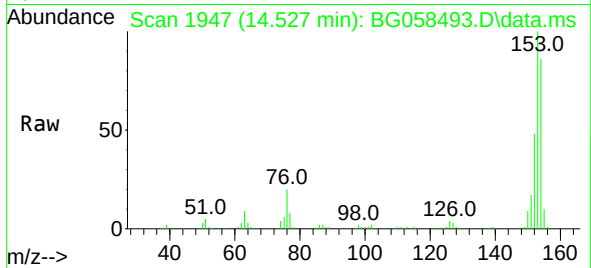
Tgt Ion:138 Resp: 69459  
Ion Ratio Lower Upper  
138 100  
108 10.8 8.6 13.0  
92 123.4 108.4 162.6





#52  
Acenaphthene  
Concen: 39.960 ng/ul  
RT: 14.527 min Scan# 1947  
Delta R.T. -0.001 min  
Lab File: BG058493.D  
Acq: 27 Jul 2023 00:46

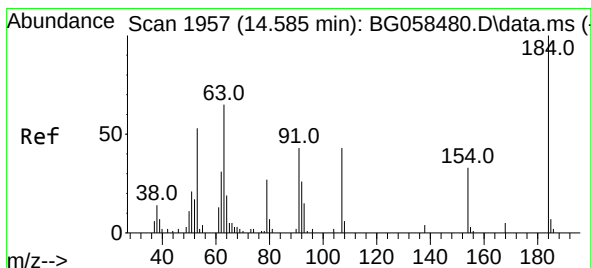
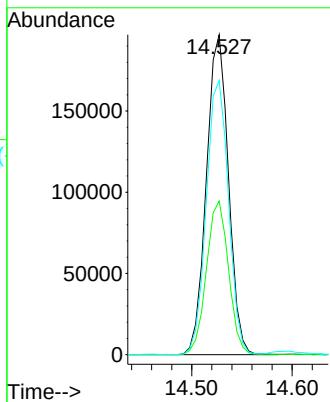
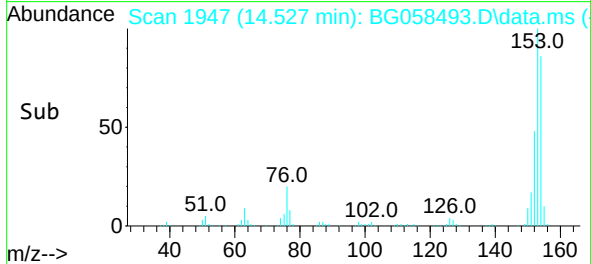
Instrument :  
BNA\_G  
ClientSampleId :  
A4701MSD



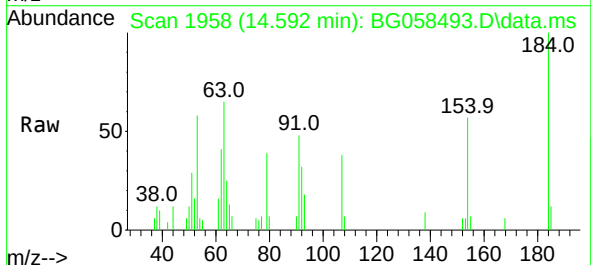
Tgt Ion:153 Resp: 301128  
Ion Ratio Lower Upper  
153 100  
152 48.0 39.1 58.7  
154 85.6 68.7 103.1

Manual Integrations  
APPROVED

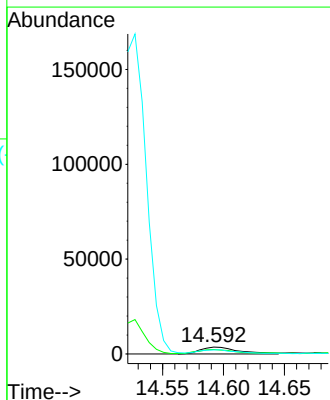
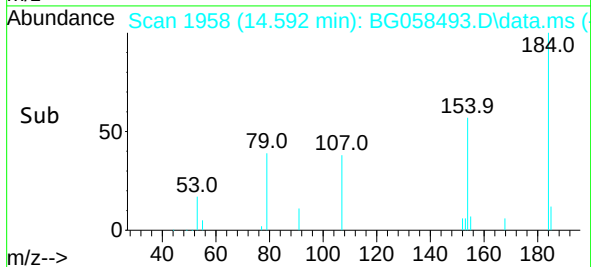
Reviewed By :Yogesh Patel 07/28/2023  
Supervised By :mohammad ahmed 07/28/2023

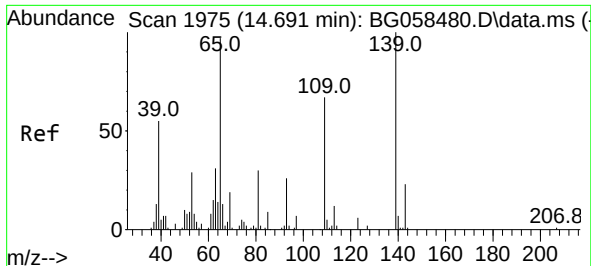


#53  
2,4-Dinitrophenol  
Concen: 8.057 ng/ul  
RT: 14.592 min Scan# 1958  
Delta R.T. 0.005 min  
Lab File: BG058493.D  
Acq: 27 Jul 2023 00:46



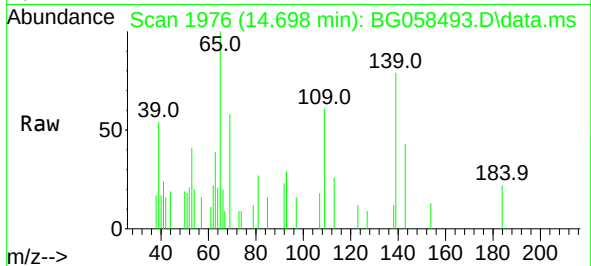
Tgt Ion:184 Resp: 7986  
Ion Ratio Lower Upper  
184 100  
63 64.9 52.9 79.3  
154 57.5 47.8 71.8





#55  
4-Nitrophenol  
Concen: 2.207 ng/u1  
RT: 14.698 min Scan# 1975  
Delta R.T. 0.005 min  
Lab File: BG058493.D  
Acq: 27 Jul 2023 00:46

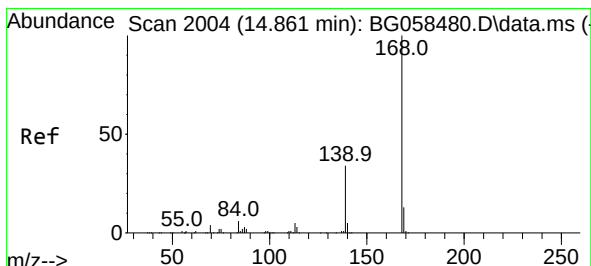
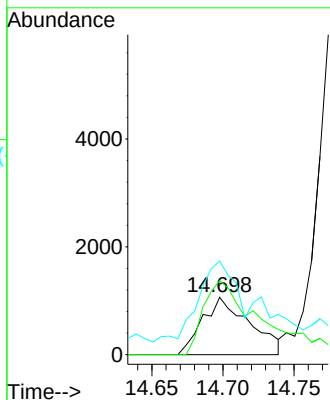
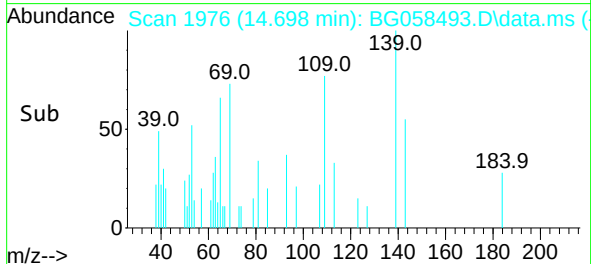
Instrument :  
BNA\_G  
ClientSampleId :  
A4701MSD



Tgt Ion:109 Resp: 246  
Ion Ratio Lower Upper  
109 100  
139 129.2 100.3 150.5  
65 163.1 120.6 180.8

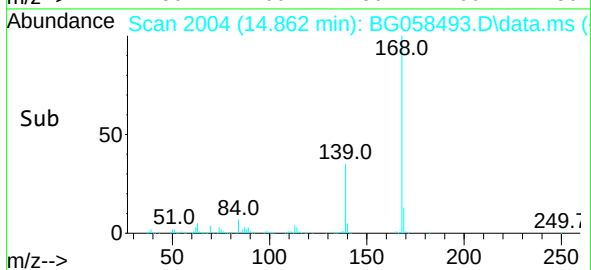
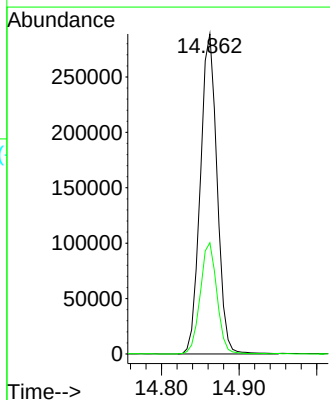
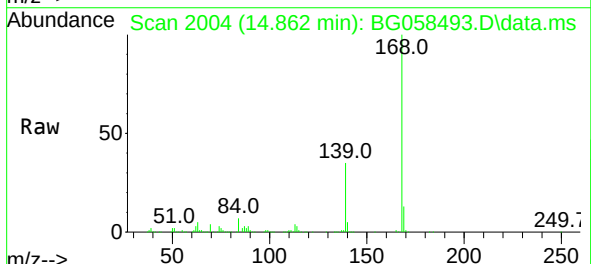
Manual Integrations  
APPROVED

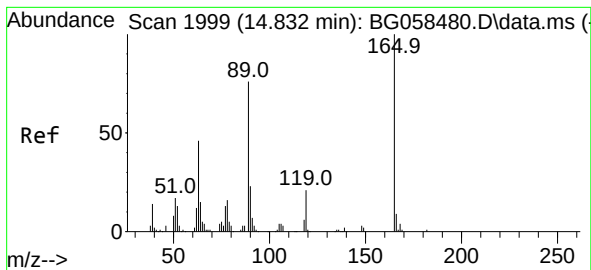
Reviewed By :Yogesh Patel 07/28/2023  
Supervised By :mohammad ahmed 07/28/2023



#56  
Dibenzofuran  
Concen: 40.351 ng/u1  
RT: 14.862 min Scan# 2004  
Delta R.T. -0.001 min  
Lab File: BG058493.D  
Acq: 27 Jul 2023 00:46

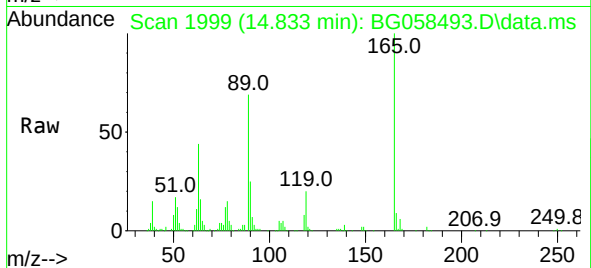
Tgt Ion:168 Resp: 432971  
Ion Ratio Lower Upper  
168 100  
139 34.7 27.8 41.8





#57  
2,4-Dinitrotoluene  
Concen: 42.924 ng/ul  
RT: 14.833 min Scan# 1999  
Delta R.T. -0.001 min  
Lab File: BG058493.D  
Acq: 27 Jul 2023 00:46

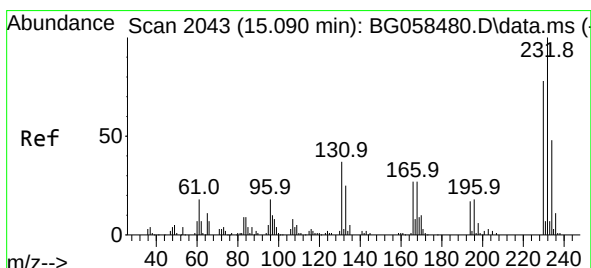
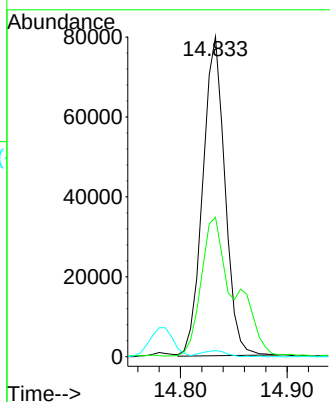
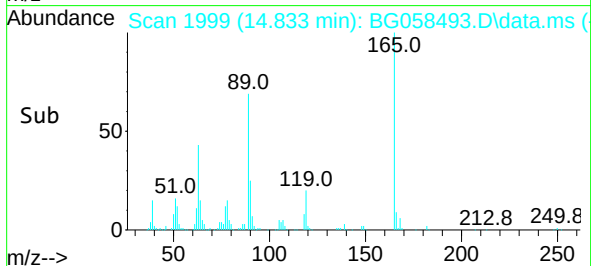
Instrument :  
BNA\_G  
ClientSampleId :  
A4701MSD



Tgt Ion:165 Resp: 115300  
Ion Ratio Lower Upper  
165 100  
63 43.6 33.8 50.6  
182 1.9 1.2 1.8

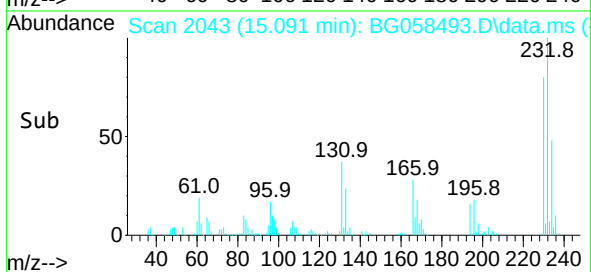
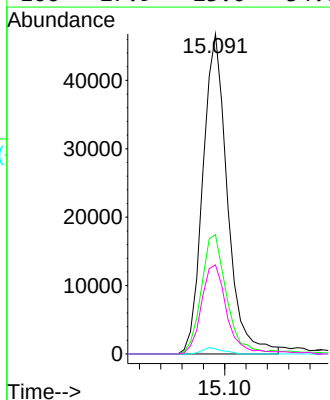
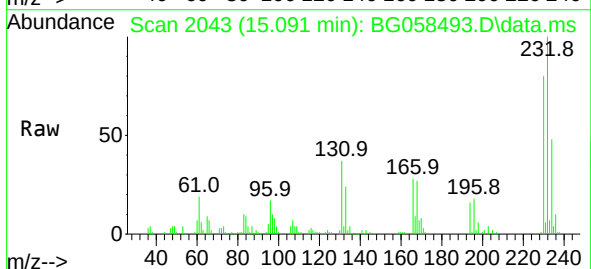
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 07/28/2023  
Supervised By :mohammad ahmed 07/28/2023

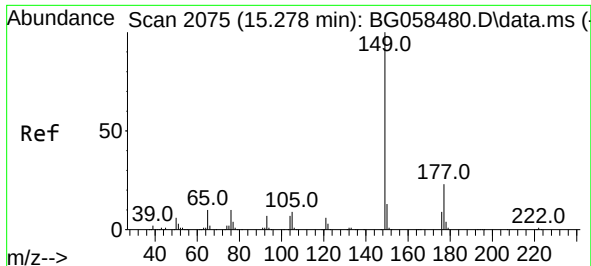


#58  
2,3,4,6-Tetrachlorophenol  
Concen: 31.131 ng/ul  
RT: 15.091 min Scan# 2043  
Delta R.T. -0.001 min  
Lab File: BG058493.D  
Acq: 27 Jul 2023 00:46

Tgt Ion:232 Resp: 74784  
Ion Ratio Lower Upper  
232 100  
131 37.3 29.0 43.6  
130 1.6 1.1 1.7  
166 27.9 23.0 34.6







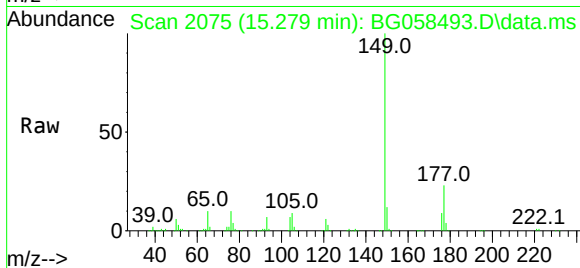
#59  
Diethylphthalate  
Concen: 39.407 ng/ul  
RT: 15.279 min Scan# 2075  
Delta R.T. -0.001 min  
Lab File: BG058493.D  
Acq: 27 Jul 2023 00:46

Instrument :

BNA\_G

ClientSampleId :

A4701MSD

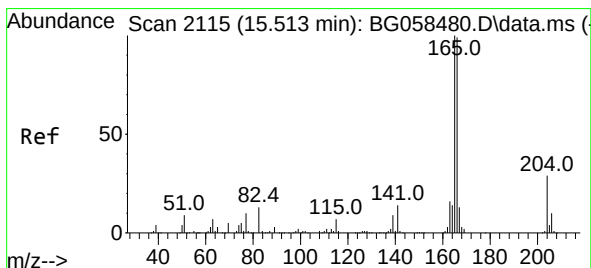
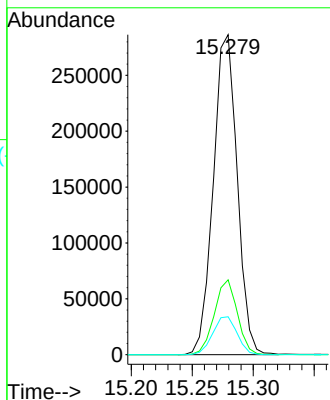
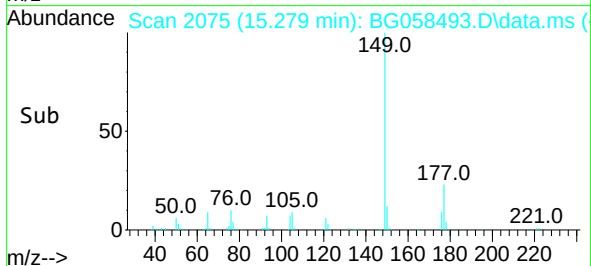


Tgt Ion:149 Resp: 391264  
Ion Ratio Lower Upper  
149 100  
177 23.4 18.4 27.6  
150 11.8 10.0 15.0

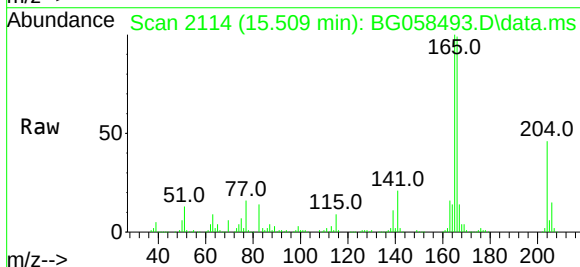
Manual Integrations

APPROVED

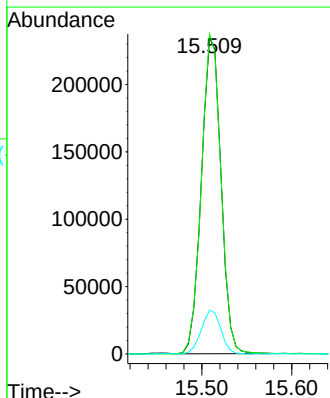
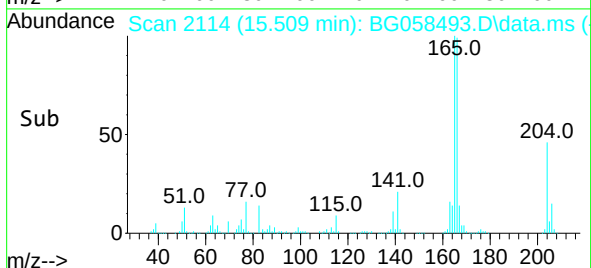
Reviewed By :Yogesh Patel 07/28/2023  
Supervised By :mohammad ahmed 07/28/2023

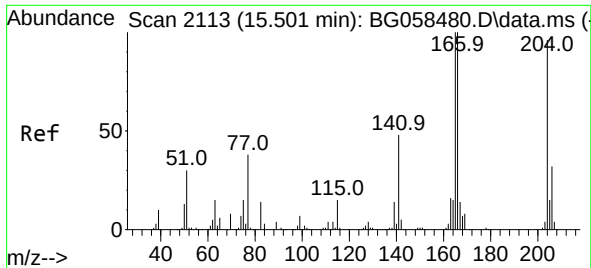


#61  
Fluorene  
Concen: 40.465 ng/ul  
RT: 15.509 min Scan# 2114  
Delta R.T. -0.006 min  
Lab File: BG058493.D  
Acq: 27 Jul 2023 00:46



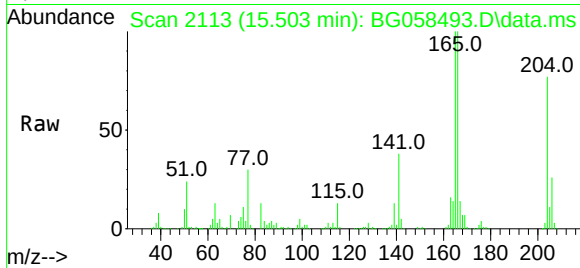
Tgt Ion:166 Resp: 356074  
Ion Ratio Lower Upper  
166 100  
165 101.1 80.2 120.2  
167 13.8 10.5 15.7





#62  
4-Chlorophenyl-phenylether  
Concen: 42.125 ng/ul  
RT: 15.503 min Scan# 2113  
Delta R.T. -0.006 min  
Lab File: BG058493.D  
Acq: 27 Jul 2023 00:46

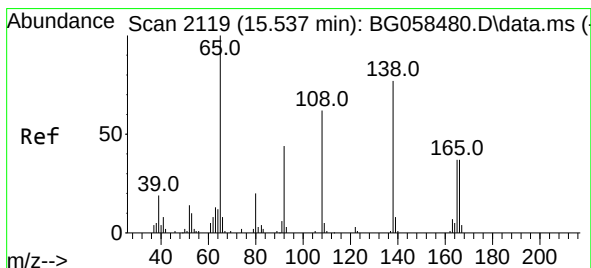
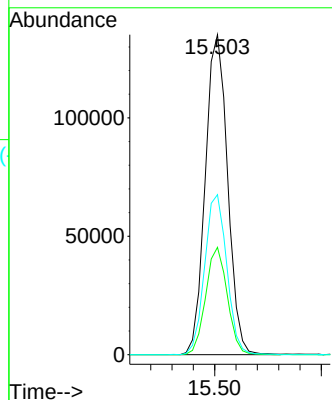
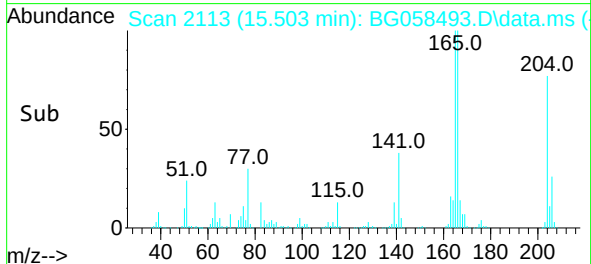
Instrument :  
BNA\_G  
ClientSampleId :  
A4701MSD



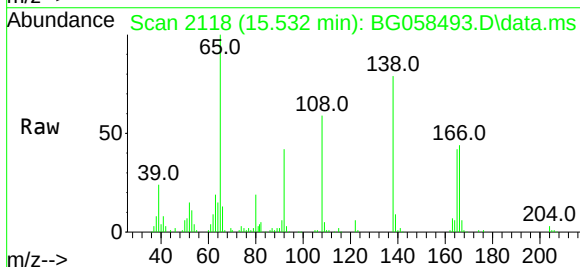
Tgt Ion:204 Resp: 19678  
Ion Ratio Lower Upper  
204 100  
206 33.6 26.0 39.0  
141 50.0 42.2 63.2

Manual Integrations  
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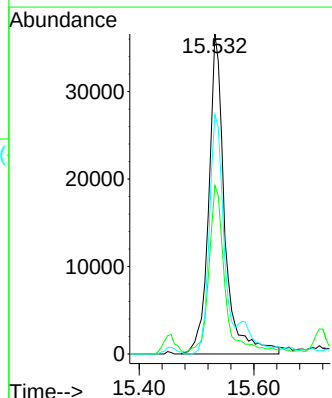
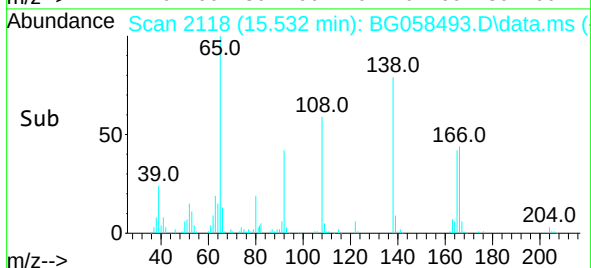
Reviewed By :Yogesh Patel 07/28/2023  
Supervised By :mohammad ahmed 07/28/2023

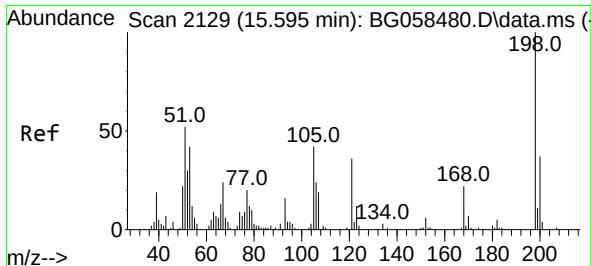


#63  
4-Nitroaniline  
Concen: 50.563 ng/ul m  
RT: 15.532 min Scan# 2118  
Delta R.T. -0.012 min  
Lab File: BG058493.D  
Acq: 27 Jul 2023 00:46



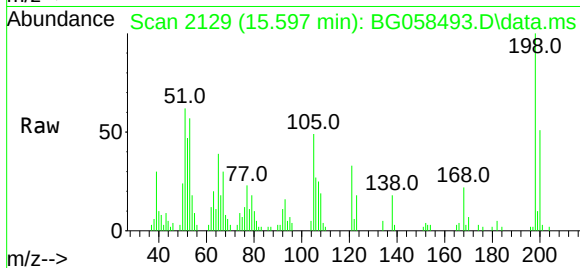
Tgt Ion:138 Resp: 71009  
Ion Ratio Lower Upper  
138 100  
92 52.7 45.0 67.4  
108 74.8 60.8 91.2





#66  
4,6-Dinitro-2-methylphenol  
Concen: 10.775 ng/ul m  
RT: 15.597 min Scan# 2129  
Delta R.T. -0.001 min  
Lab File: BG058493.D  
Acq: 27 Jul 2023 00:46

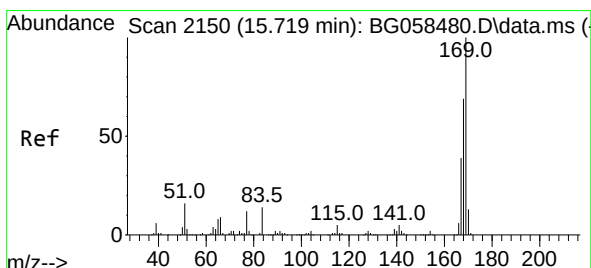
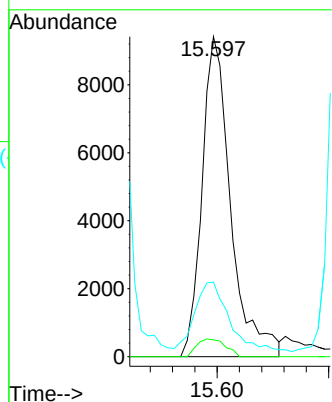
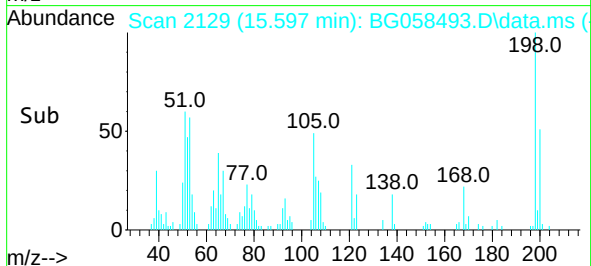
Instrument :  
BNA\_G  
ClientSampleId :  
A4701MSD



Tgt Ion:198 Resp: 16862  
Ion Ratio Lower Upper  
198 100  
182 5.3 3.4 5.2  
77 23.3 18.4 27.6

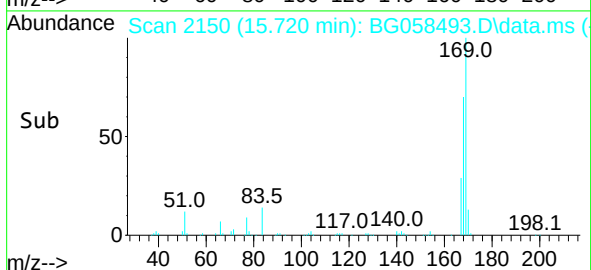
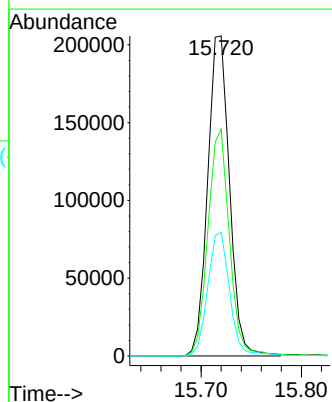
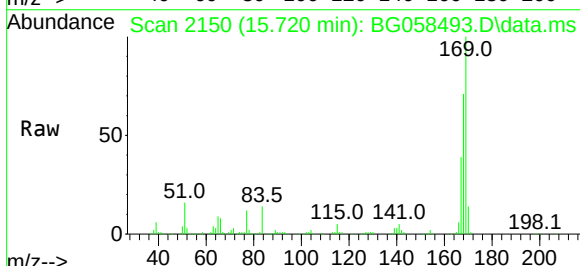
Manual Integrations  
APPROVED

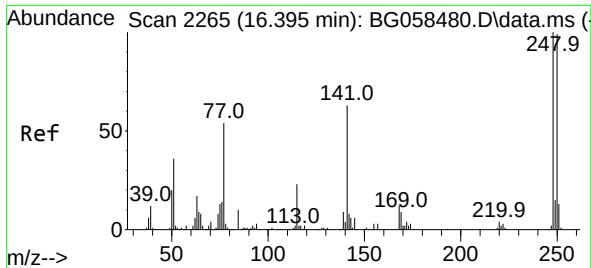
Reviewed By :Yogesh Patel 07/28/2023  
Supervised By :mohammad ahmed 07/28/2023



#67  
N-Nitrosodiphenylamine  
Concen: 42.154 ng/ul  
RT: 15.720 min Scan# 2150  
Delta R.T. -0.001 min  
Lab File: BG058493.D  
Acq: 27 Jul 2023 00:46

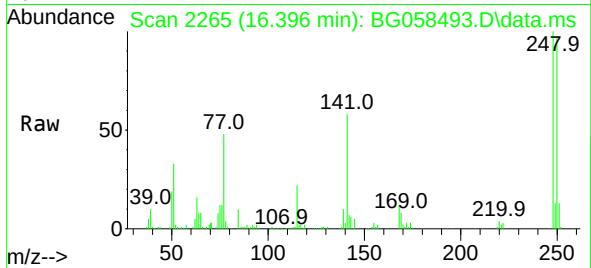
Tgt Ion:169 Resp: 311967  
Ion Ratio Lower Upper  
169 100  
168 70.9 55.7 83.5  
167 38.7 31.2 46.8





#68  
4-Bromophenyl-phenylether  
Concen: 43.436 ng/ul  
RT: 16.396 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BG058493.D  
Acq: 27 Jul 2023 00:46

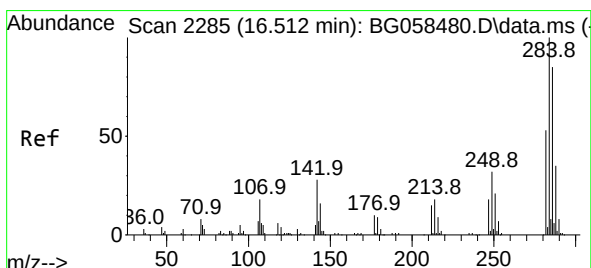
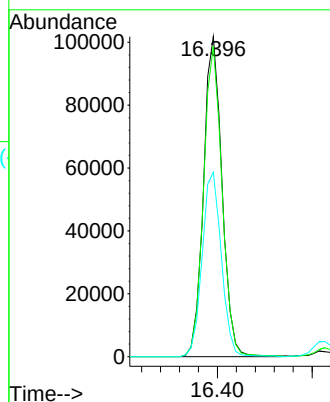
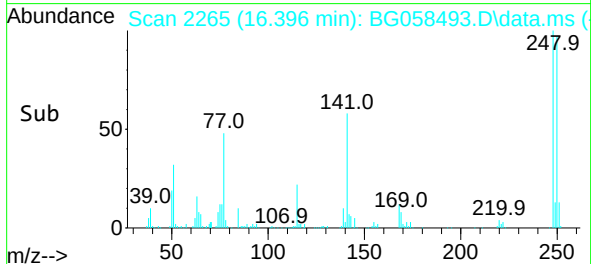
Instrument :  
BNA\_G  
ClientSampleId :  
A4701MSD



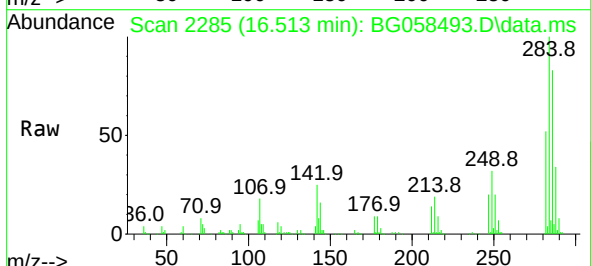
Tgt Ion:248 Resp: 137360  
Ion Ratio Lower Upper  
248 100  
250 97.1 73.8 110.6  
141 57.6 48.2 72.2

Manual Integrations  
APPROVED

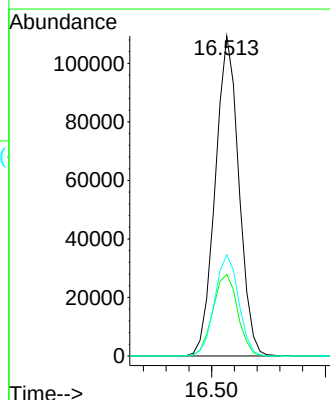
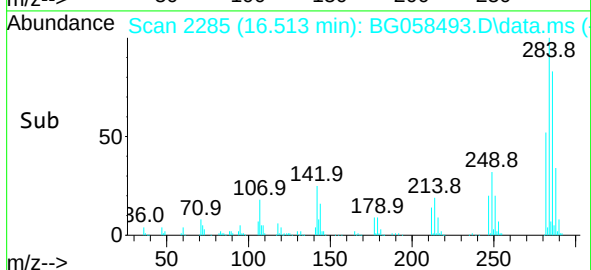
Reviewed By :Yogesh Patel 07/28/2023  
Supervised By :mohammad ahmed 07/28/2023

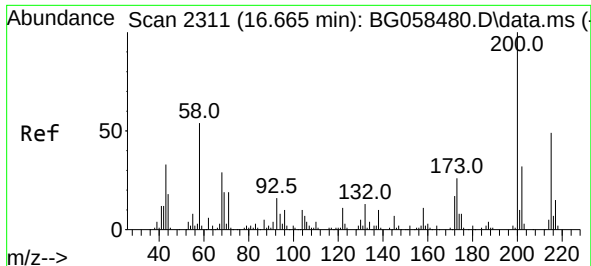


#69  
Hexachlorobenzene  
Concen: 44.214 ng/ul  
RT: 16.513 min Scan# 2285  
Delta R.T. -0.006 min  
Lab File: BG058493.D  
Acq: 27 Jul 2023 00:46



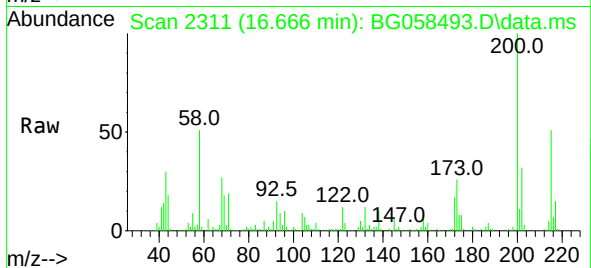
Tgt Ion:284 Resp: 157771  
Ion Ratio Lower Upper  
284 100  
142 25.4 20.5 30.7  
249 31.6 25.2 37.8





#70  
 Atrazine  
 Concen: 24.896 ng/ul  
 RT: 16.666 min Scan# 21  
 Delta R.T. -0.001 min  
 Lab File: BG058493.D  
 Acq: 27 Jul 2023 00:46

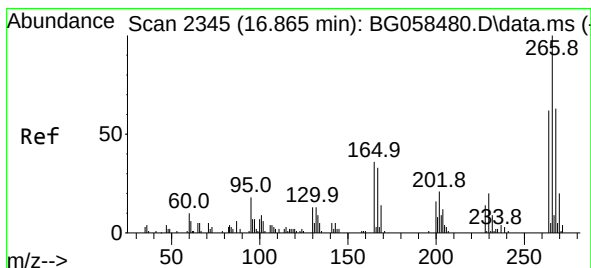
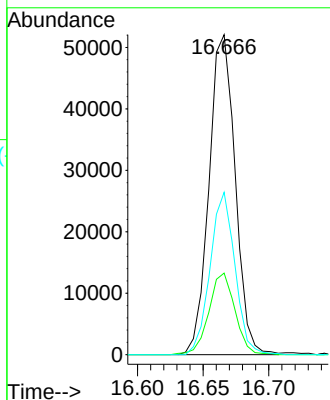
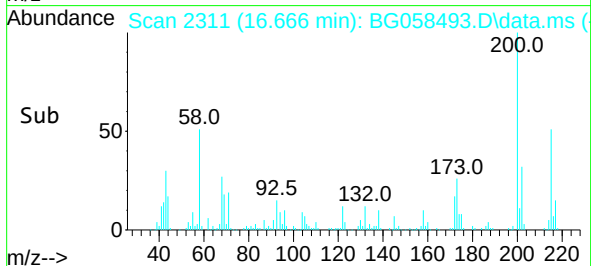
Instrument :  
 BNA\_G  
 ClientSampleId :  
 A4701MSD



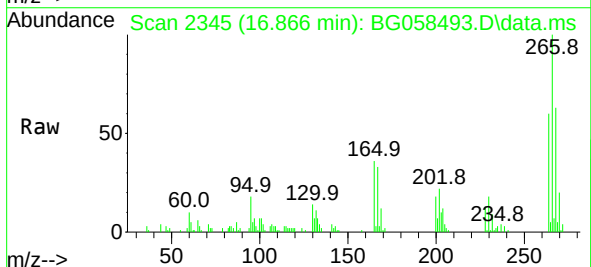
Tgt Ion:200 Resp: 72238  
 Ion Ratio Lower Upper  
 200 100  
 173 25.5 19.8 29.8  
 215 50.7 36.2 54.4

Manual Integrations  
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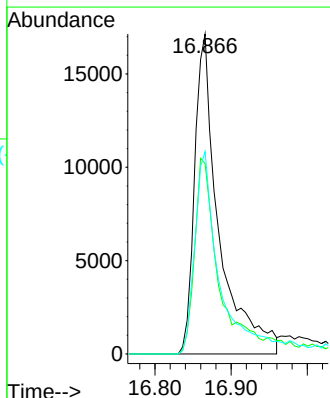
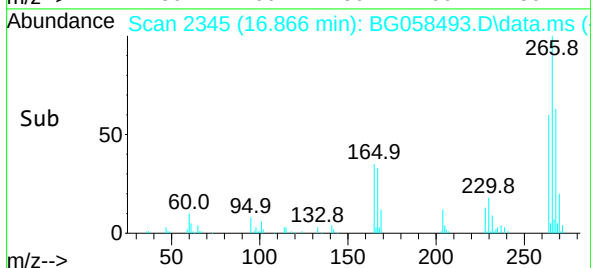
Reviewed By :Yogesh Patel 07/28/2023  
 Supervised By :mohammad ahmed 07/28/2023

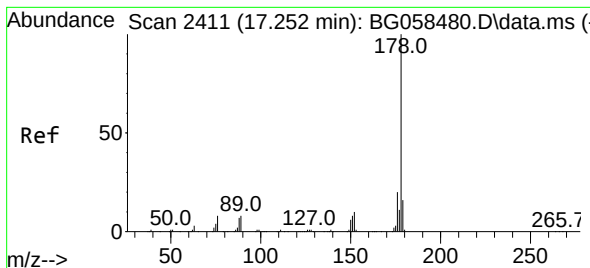


#71  
 Pentachlorophenol  
 Concen: 18.965 ng/ul m  
 RT: 16.866 min Scan# 2345  
 Delta R.T. -0.001 min  
 Lab File: BG058493.D  
 Acq: 27 Jul 2023 00:46



Tgt Ion:266 Resp: 37987  
 Ion Ratio Lower Upper  
 266 100  
 264 59.5 46.6 70.0  
 268 63.3 47.6 71.4





#72

Phenanthrene

Concen: 42.867 ng/ul

RT: 17.248 min Scan# 2411

Delta R.T. -0.006 min

Lab File: BG058493.D

Acq: 27 Jul 2023 00:46

Instrument :

BNA\_G

ClientSampleId :

A4701MSD

Tgt Ion:178 Resp: 60821

Ion Ratio Lower Upper

178 100

179 16.2 11.9 17.9

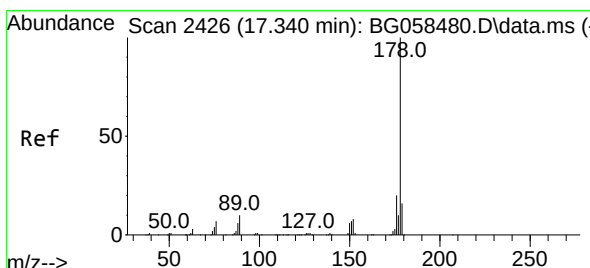
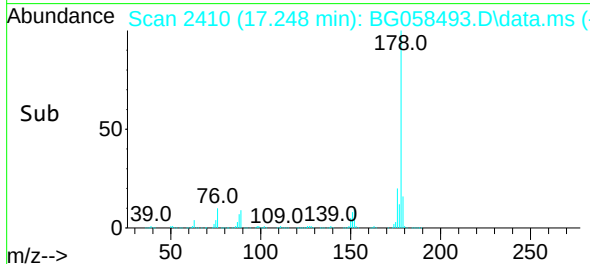
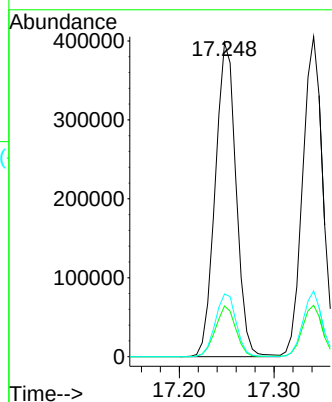
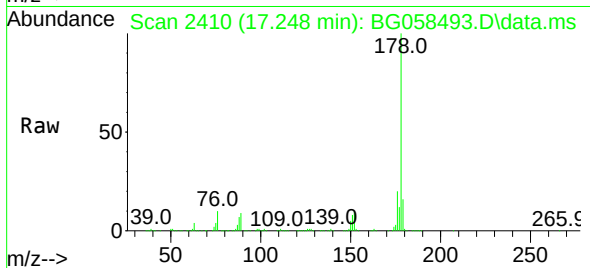
176 20.0 15.8 23.8

Manual Integrations

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Reviewed By :Yogesh Patel 07/28/2023

Supervised By :mohammad ahmed 07/28/2023



#74

Anthracene

Concen: 41.752 ng/ul

RT: 17.342 min Scan# 2426

Delta R.T. -0.001 min

Lab File: BG058493.D

Acq: 27 Jul 2023 00:46

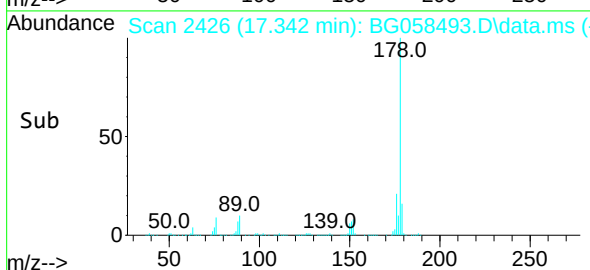
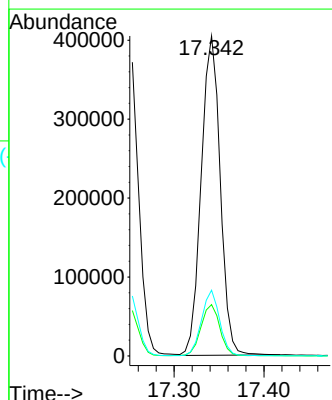
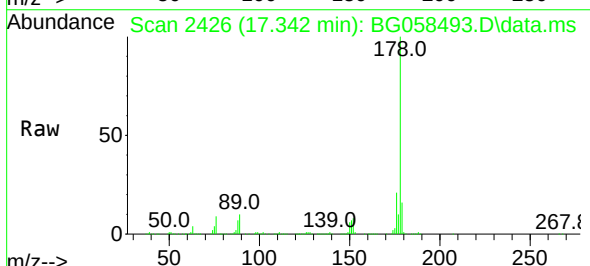
Tgt Ion:178 Resp: 594704

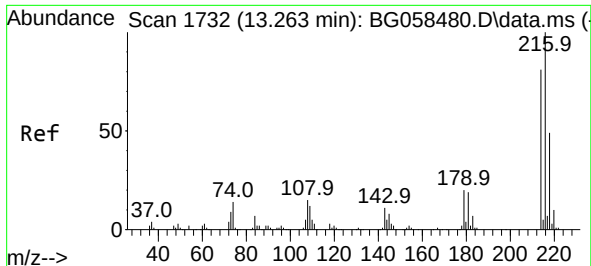
Ion Ratio Lower Upper

178 100

179 16.0 13.4 20.2

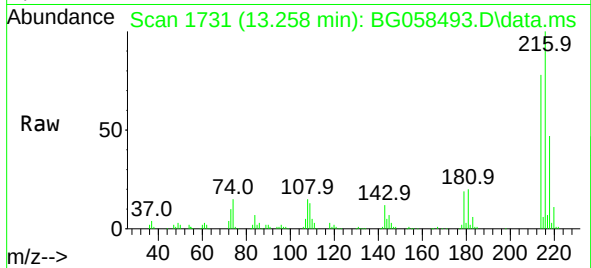
176 20.5 16.2 24.2





#75  
1,2,3,4-Tetrachlorobenzene  
Concen: 42.198 ng/uL  
RT: 13.258 min Scan# 1731  
Delta R.T. -0.006 min  
Lab File: BG058493.D  
Acq: 27 Jul 2023 00:46

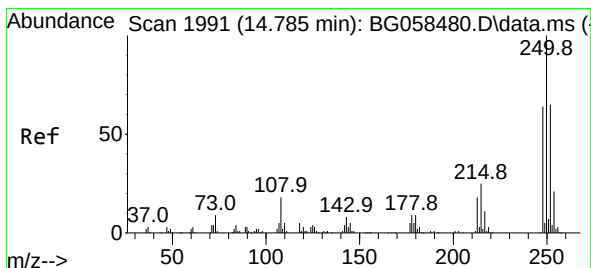
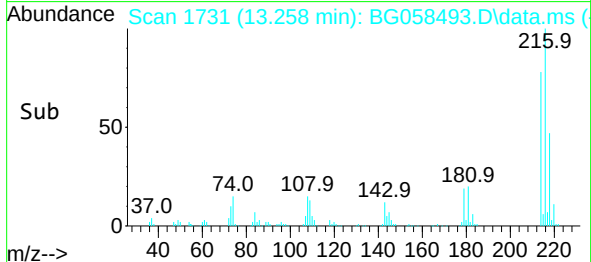
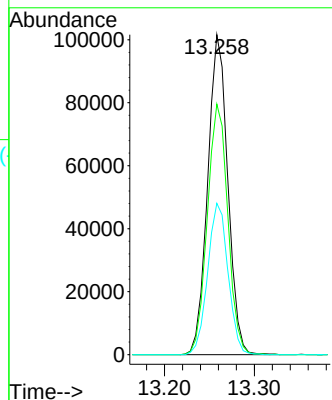
Instrument :  
BNA\_G  
ClientSampleId :  
A4701MSD



Tgt Ion:216 Resp: 158028  
Ion Ratio Lower Upper  
216 100  
214 78.3 62.2 93.4  
218 47.3 40.9 61.3

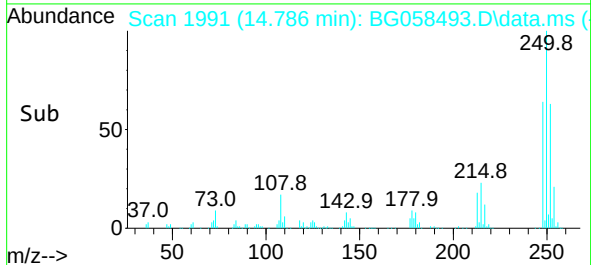
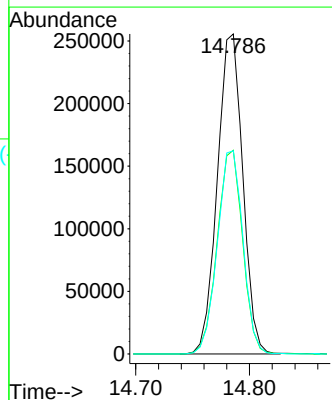
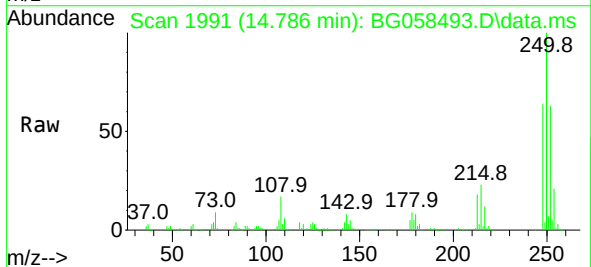
Manual Integrations  
APPROVED

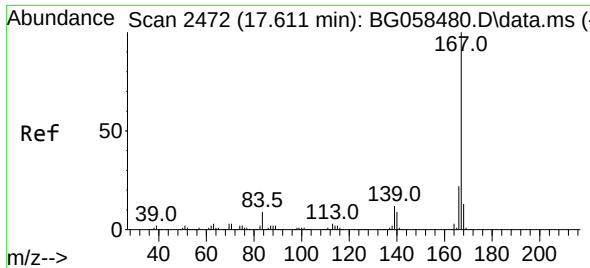
Reviewed By :Yogesh Patel 07/28/2023  
Supervised By :mohammad ahmed 07/28/2023



#76  
Pentachlorobenzene  
Concen: 96.955 ng/uL  
RT: 14.786 min Scan# 1991  
Delta R.T. -0.001 min  
Lab File: BG058493.D  
Acq: 27 Jul 2023 00:46

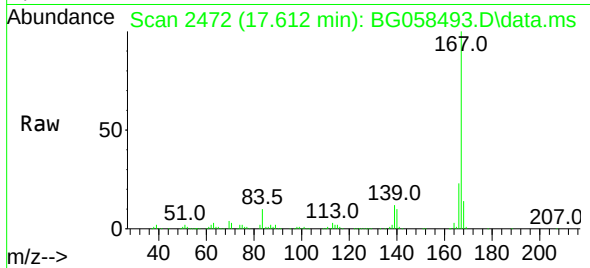
Tgt Ion:250 Resp: 397051  
Ion Ratio Lower Upper  
250 100  
248 63.7 51.6 77.4  
252 63.5 54.4 81.6





#77  
 Carbazole  
 Concen: 45.265 ng/ul  
 RT: 17.612 min Scan# 2472  
 Delta R.T. -0.006 min  
 Lab File: BG058493.D  
 Acq: 27 Jul 2023 00:46

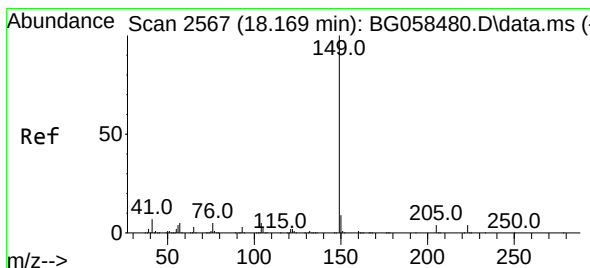
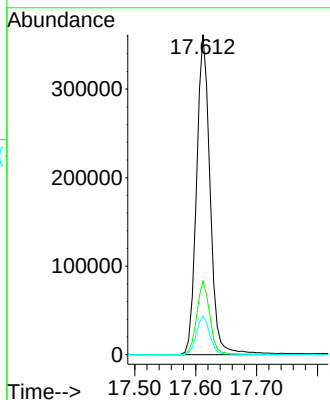
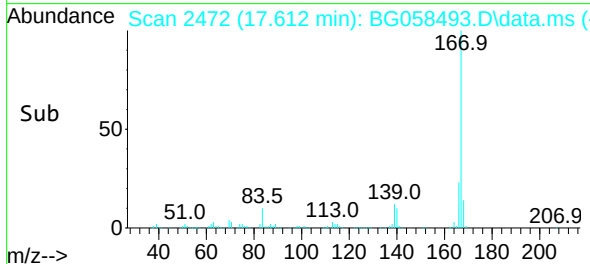
Instrument :  
 BNA\_G  
 ClientSampleId :  
 A4701MSD



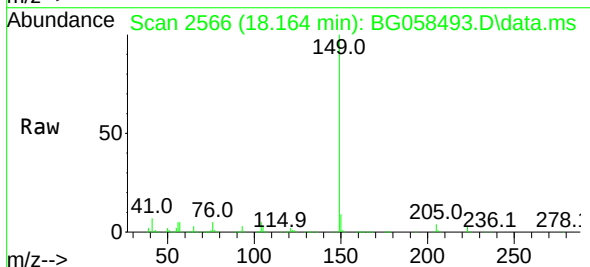
Tgt Ion:167 Resp: 55888  
 Ion Ratio Lower Upper  
 167 100  
 166 23.0 17.8 26.8  
 139 12.2 9.4 14.0

Manual Integrations  
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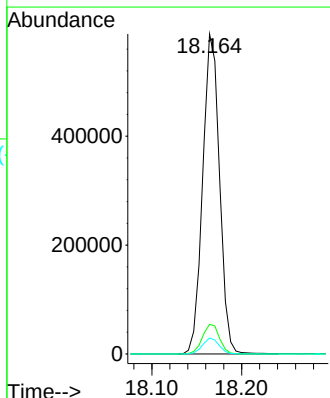
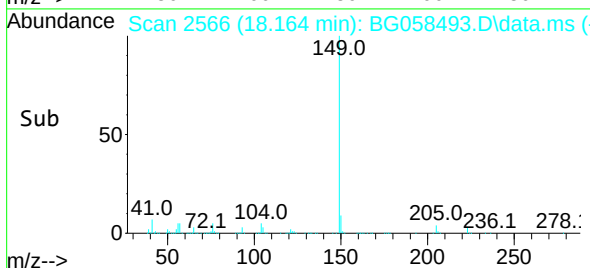
Reviewed By :Yogesh Patel 07/28/2023  
 Supervised By :mohammad ahmed 07/28/2023



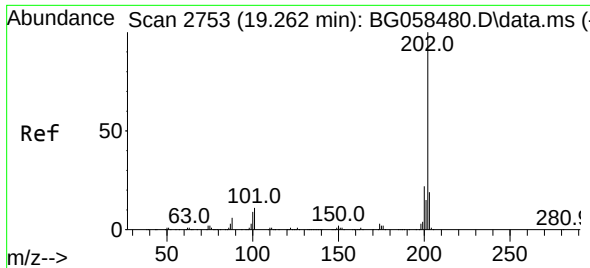
#78  
 Di-n-butylphthalate  
 Concen: 48.819 ng/ul  
 RT: 18.164 min Scan# 2566  
 Delta R.T. -0.006 min  
 Lab File: BG058493.D  
 Acq: 27 Jul 2023 00:46



Tgt Ion:149 Resp: 765942  
 Ion Ratio Lower Upper  
 149 100  
 150 9.3 7.2 10.8  
 104 5.0 3.9 5.9

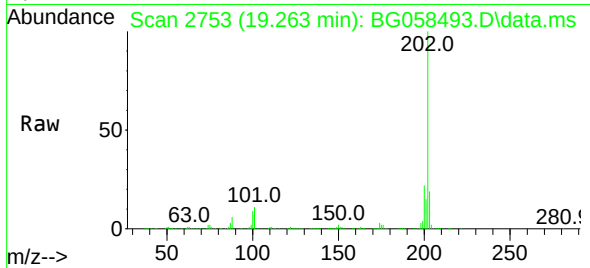






#80  
Fluoranthene  
Concen: 42.723 ng/u1  
RT: 19.263 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BG058493.D  
Acq: 27 Jul 2023 00:46

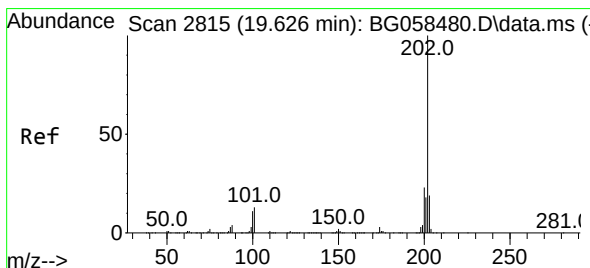
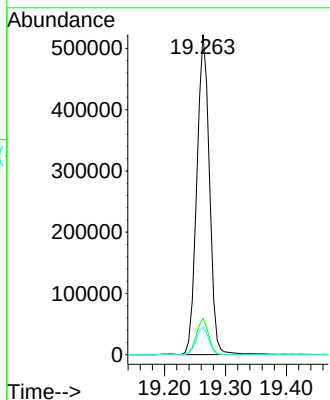
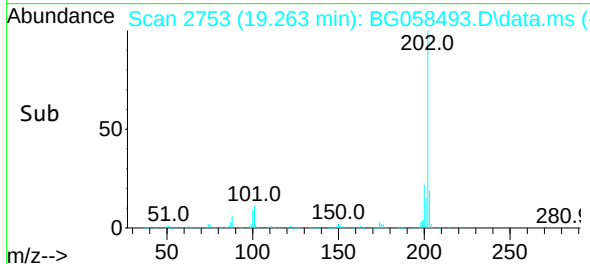
Instrument :  
BNA\_G  
ClientSampleId :  
A4701MSD



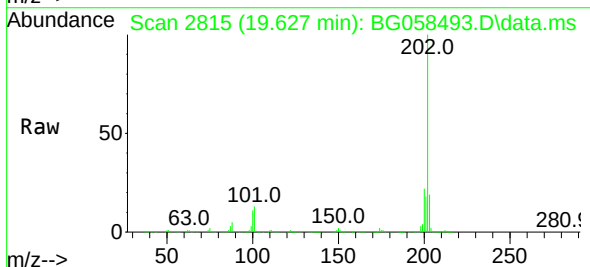
Tgt Ion:202 Resp: 751554  
Ion Ratio Lower Upper  
202 100  
101 11.3 8.6 12.8  
100 8.6 7.2 10.8

Manual Integrations  
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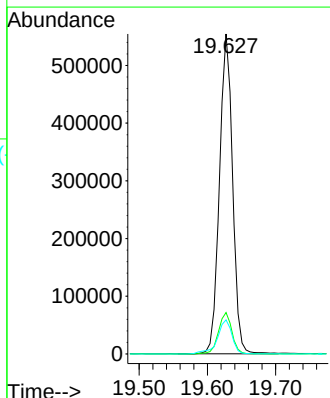
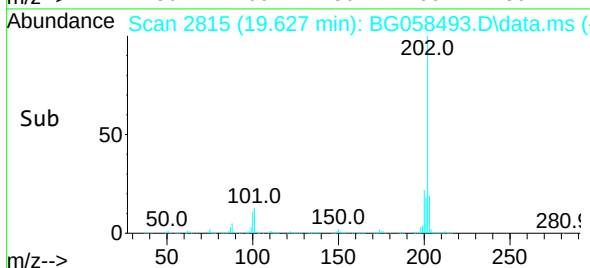
Reviewed By :Yogesh Patel 07/28/2023  
Supervised By :mohammad ahmed 07/28/2023

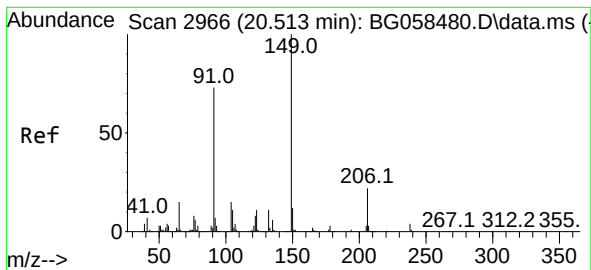


#82  
Pyrene  
Concen: 41.758 ng/u1  
RT: 19.627 min Scan# 2815  
Delta R.T. -0.001 min  
Lab File: BG058493.D  
Acq: 27 Jul 2023 00:46



Tgt Ion:202 Resp: 744295  
Ion Ratio Lower Upper  
202 100  
101 12.9 10.2 15.2  
100 10.6 8.9 13.3





#83

Butylbenzylphthalate

Concen: 45.712 ng/ul

RT: 20.514 min Scan# 2966

Delta R.T. -0.001 min

Lab File: BG058493.D

Acq: 27 Jul 2023 00:46

Instrument :

BNA\_G

ClientSampleId :

A4701MSD

Tgt Ion:149 Resp: 32083

Ion Ratio Lower Upper

149 100

91 68.4 59.9 89.9

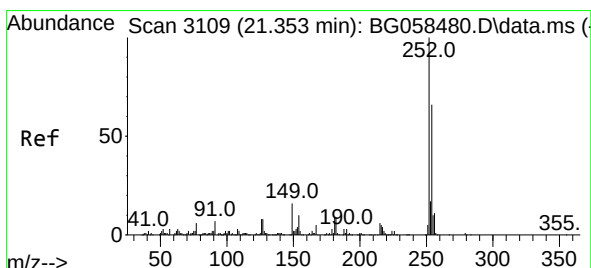
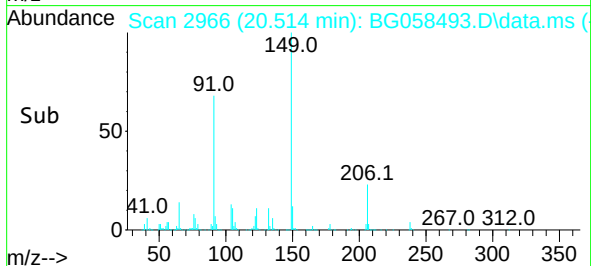
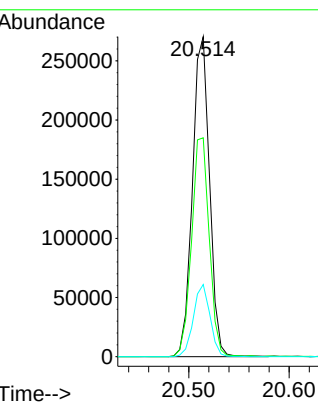
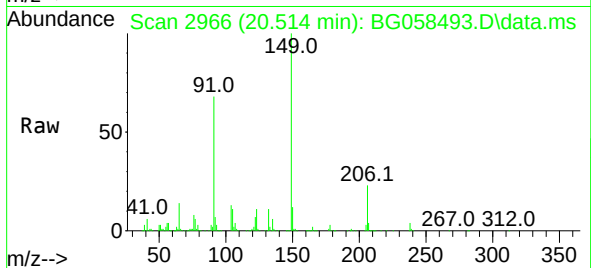
206 22.6 16.9 25.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/28/2023

Supervised By :mohammad ahmed 07/28/2023



#84

3,3'-Dichlorobenzidine

Concen: 45.930 ng/ul

RT: 21.349 min Scan# 3108

Delta R.T. -0.006 min

Lab File: BG058493.D

Acq: 27 Jul 2023 00:46

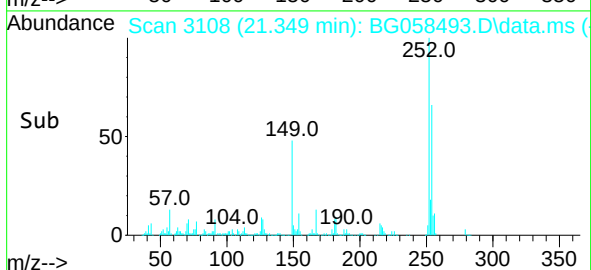
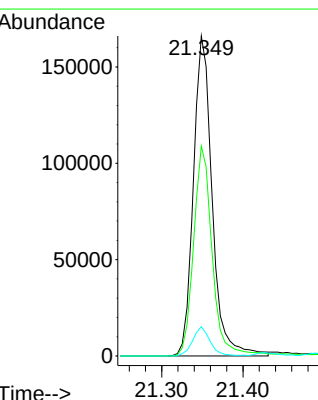
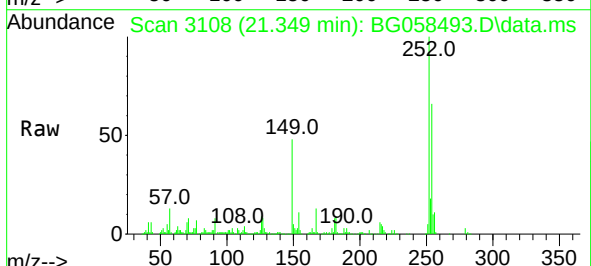
Tgt Ion:252 Resp: 266557

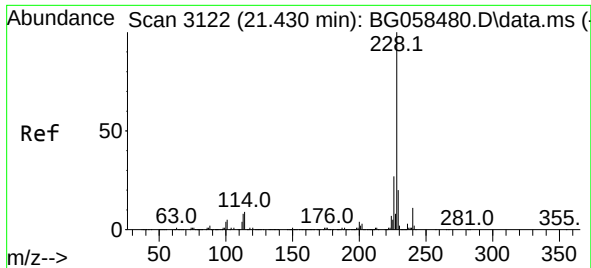
Ion Ratio Lower Upper

252 100

254 65.6 50.5 75.7

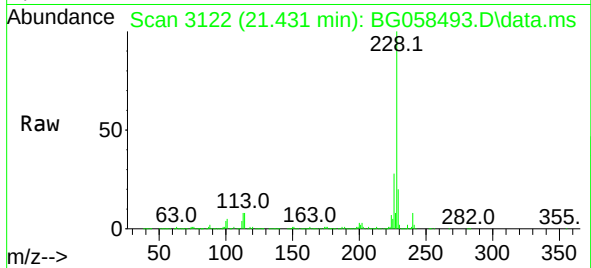
126 9.1 6.5 9.7





#85  
Benzo(a)anthracene  
Concen: 44.439 ng/ul  
RT: 21.431 min Scan# 3122  
Delta R.T. -0.001 min  
Lab File: BG058493.D  
Acq: 27 Jul 2023 00:46

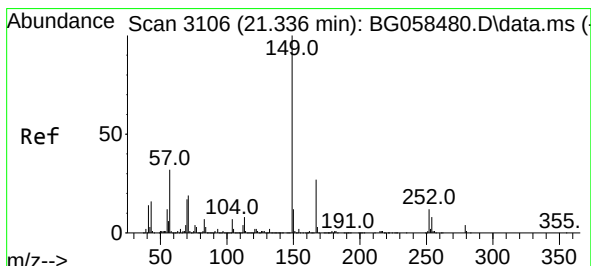
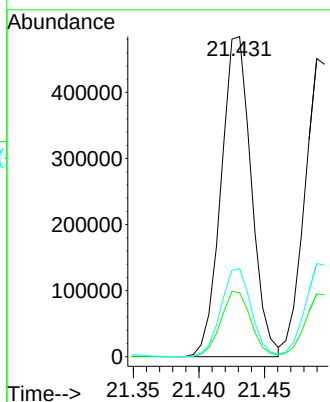
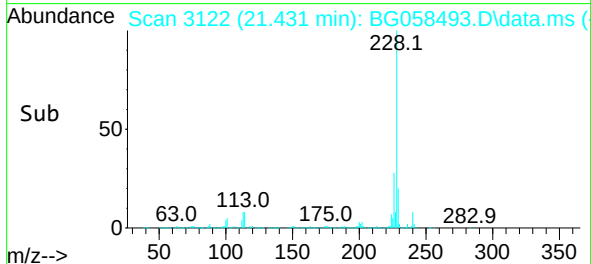
Instrument :  
BNA\_G  
ClientSampleId :  
A4701MSD



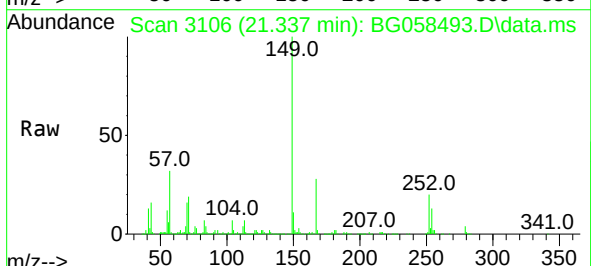
Tgt Ion:228 Resp: 776558  
Ion Ratio Lower Upper  
228 100  
229 19.9 15.7 23.5  
226 27.5 21.8 32.8

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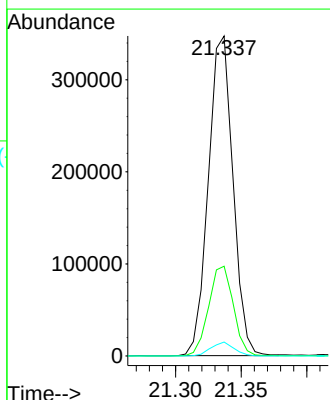
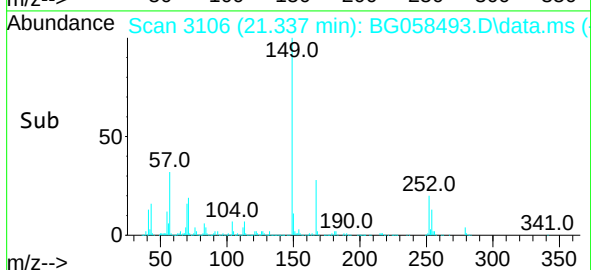
Reviewed By :Yogesh Patel 07/28/2023  
Supervised By :mohammad ahmed 07/28/2023

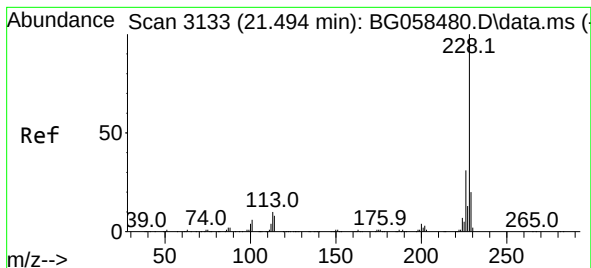


#86  
Bis(2-ethylhexyl)phthalate  
Concen: 45.505 ng/ul  
RT: 21.337 min Scan# 3106  
Delta R.T. -0.001 min  
Lab File: BG058493.D  
Acq: 27 Jul 2023 00:46



Tgt Ion:149 Resp: 454272  
Ion Ratio Lower Upper  
149 100  
167 28.0 21.6 32.4  
279 4.4 3.0 4.4





#87

Chrysene

Concen: 44.404 ng/ul

RT: 21.490 min Scan# 31

Delta R.T. -0.006 min

Lab File: BG058493.D

Acq: 27 Jul 2023 00:46

Instrument :

BNA\_G

ClientSampleId :

A4701MSD

Tgt Ion:228 Resp: 735990

Ion Ratio Lower Upper

228 100

226 31.2 24.0 36.0

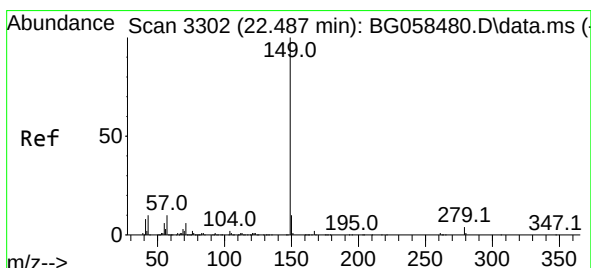
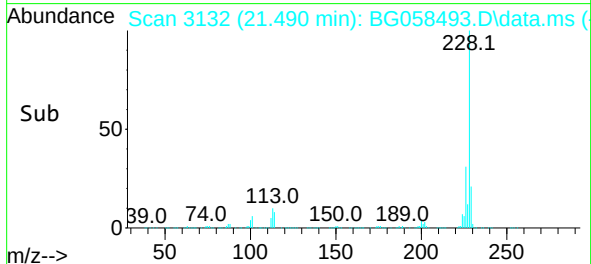
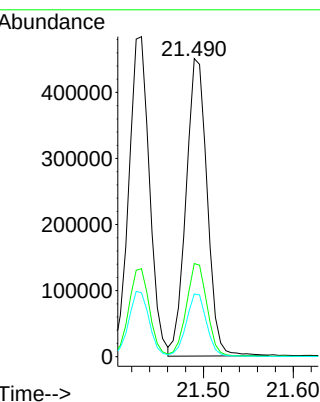
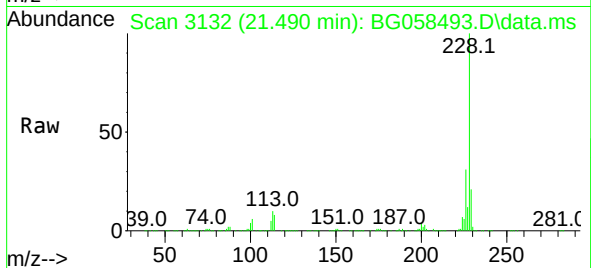
229 21.1 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/28/2023

Supervised By :mohammad ahmed 07/28/2023



#89

Di-n-octyl phthalate

Concen: 47.786 ng/ul

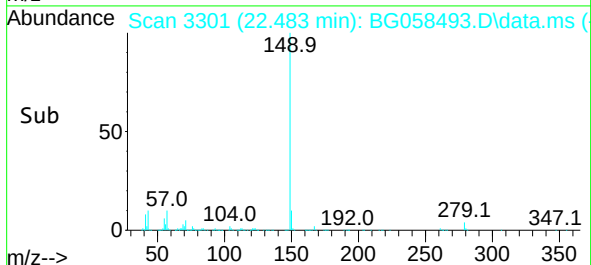
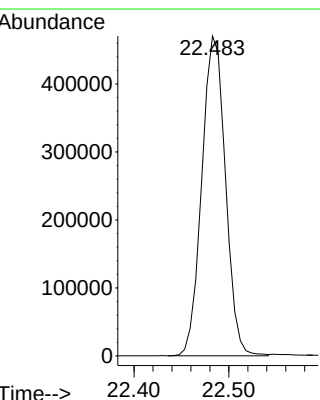
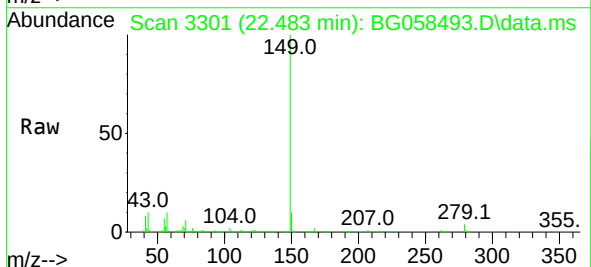
RT: 22.483 min Scan# 3301

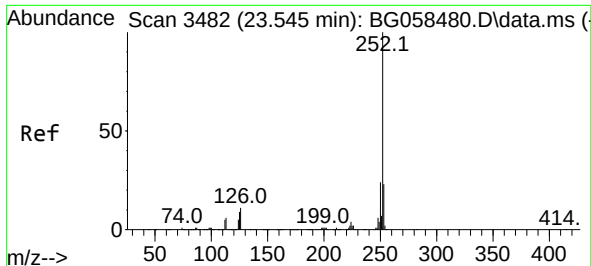
Delta R.T. -0.006 min

Lab File: BG058493.D

Acq: 27 Jul 2023 00:46

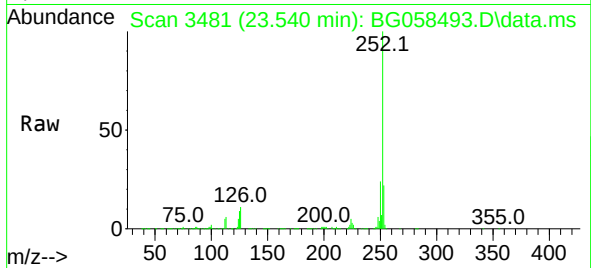
Tgt Ion:149 Resp: 814801





#90  
Benzo(b)fluoranthene  
Concen: 43.986 ng/ul  
RT: 23.540 min Scan# 3482  
Delta R.T. -0.006 min  
Lab File: BG058493.D  
Acq: 27 Jul 2023 00:46

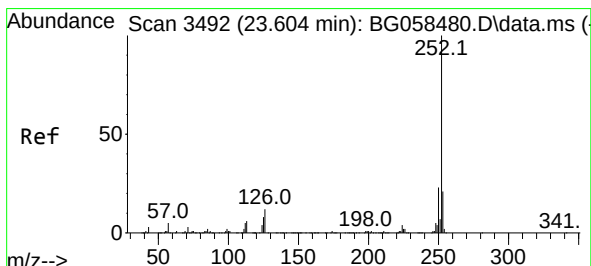
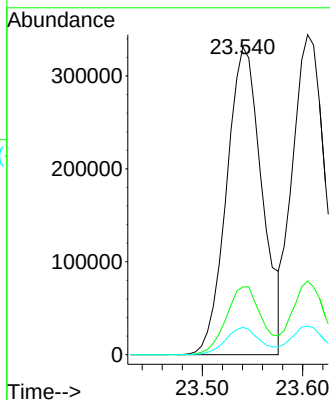
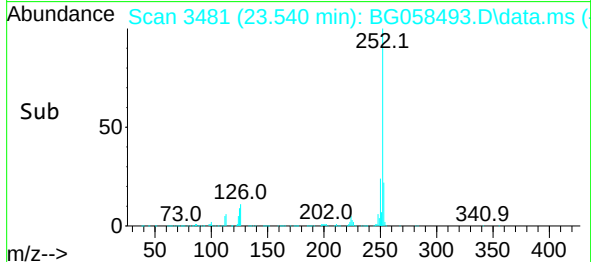
Instrument :  
BNA\_G  
ClientSampleId :  
A4701MSD



Tgt Ion:252 Resp: 815579  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.9 26.9  
125 8.9 6.7 10.1

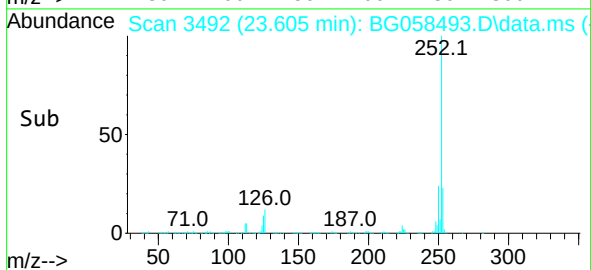
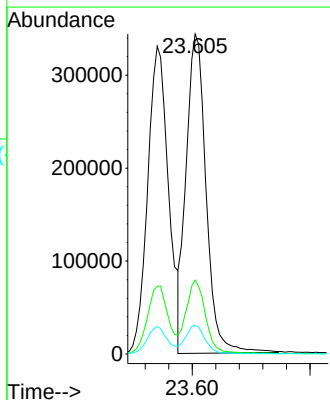
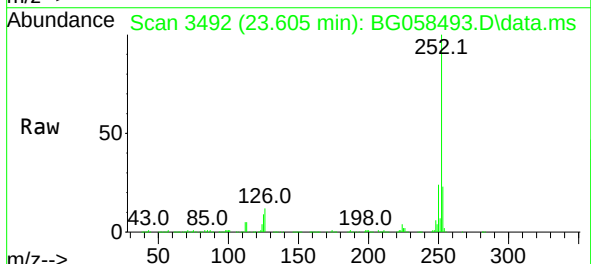
Manual Integrations  
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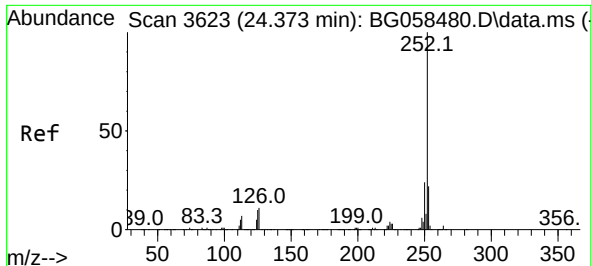
Reviewed By :Yogesh Patel 07/28/2023  
Supervised By :mohammad ahmed 07/28/2023



#91  
Benzo(k)fluoranthene  
Concen: 43.773 ng/ul  
RT: 23.605 min Scan# 3492  
Delta R.T. -0.006 min  
Lab File: BG058493.D  
Acq: 27 Jul 2023 00:46

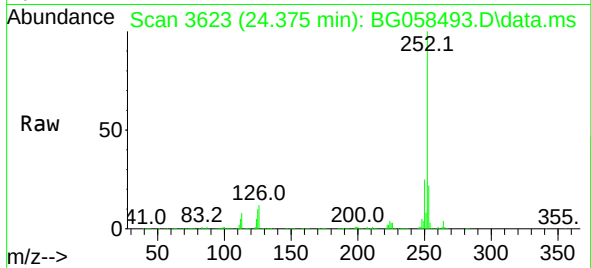
Tgt Ion:252 Resp: 809487  
Ion Ratio Lower Upper  
252 100  
253 23.1 18.3 27.5  
125 8.9 7.4 11.0





#93  
Benzo(a)pyrene  
Concen: 42.585 ng/u1  
RT: 24.375 min Scan# 30  
Delta R.T. -0.001 min  
Lab File: BG058493.D  
Acq: 27 Jul 2023 00:46

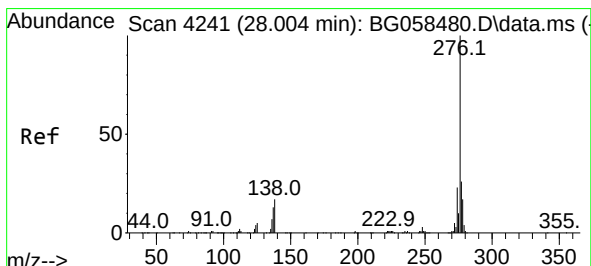
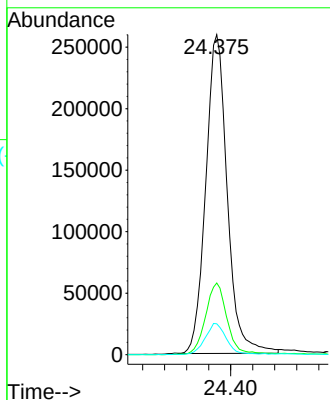
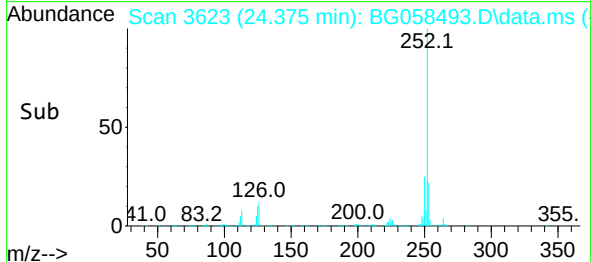
Instrument :  
BNA\_G  
ClientSampleId :  
A4701MSD



Tgt Ion:252 Resp: 70230  
Ion Ratio Lower Upper  
252 100  
253 22.4 17.4 26.0  
125 9.7 7.7 11.5

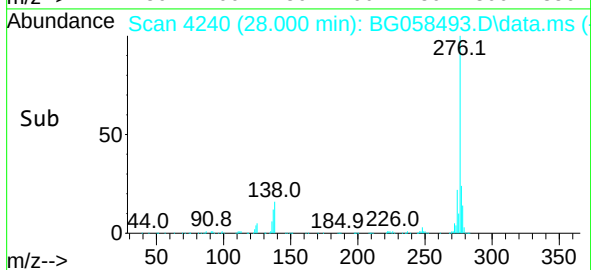
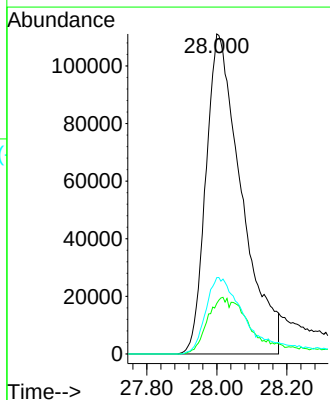
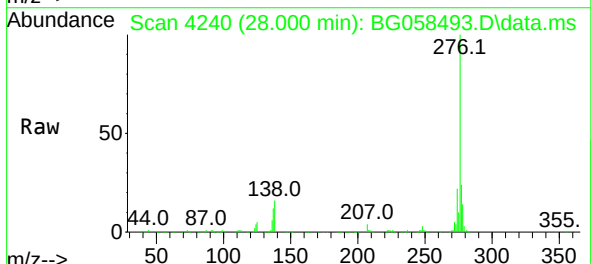
Manual Integrations  
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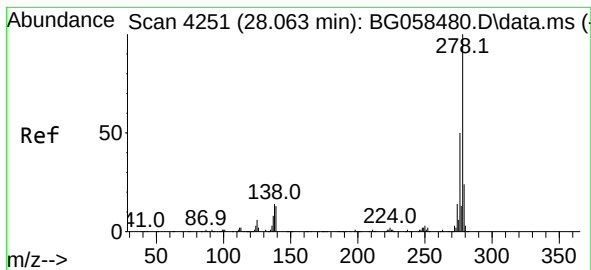
Reviewed By :Yogesh Patel 07/28/2023  
Supervised By :mohammad ahmed 07/28/2023



#94  
Indeno(1,2,3-cd)pyrene  
Concen: 35.993 ng/u1 m  
RT: 28.000 min Scan# 4240  
Delta R.T. -0.012 min  
Lab File: BG058493.D  
Acq: 27 Jul 2023 00:46

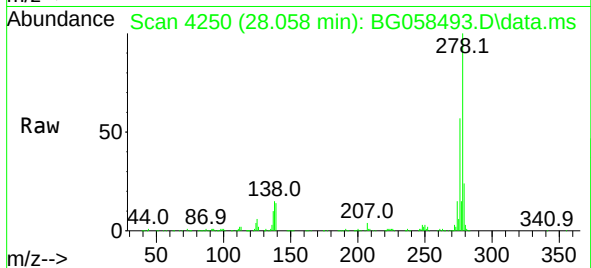
Tgt Ion:276 Resp: 782071  
Ion Ratio Lower Upper  
276 100  
138 15.8 13.8 20.6  
277 23.8 19.2 28.8





#95  
Dibenzo(a,h)anthracene  
Concen: 37.168 ng/ul  
RT: 28.058 min Scan# 41  
Delta R.T. -0.012 min  
Lab File: BG058493.D  
Acq: 27 Jul 2023 00:46

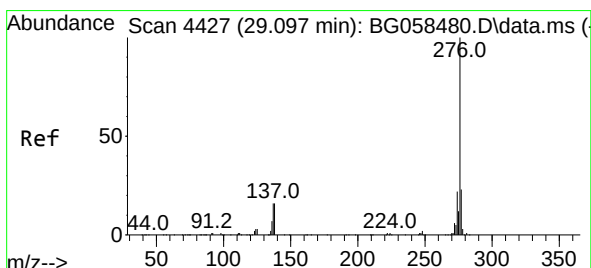
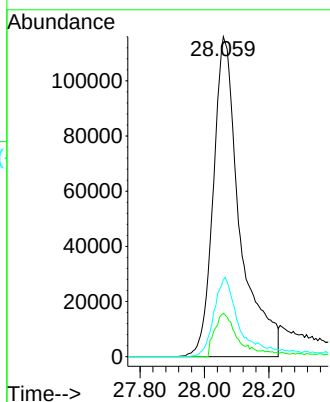
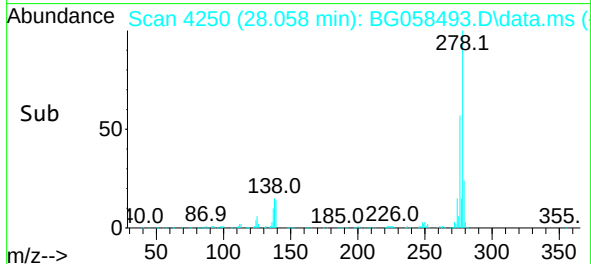
Instrument :  
BNA\_G  
ClientSampleId :  
A4701MSD



Tgt Ion:278 Resp: 66226  
Ion Ratio Lower Upper  
278 100  
139 13.5 10.4 15.6  
279 24.0 18.4 27.6

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 07/28/2023  
Supervised By :mohammad ahmed 07/28/2023



#96  
Benzo(g,h,i)perylene  
Concen: 33.806 ng/ul m  
RT: 29.098 min Scan# 4427  
Delta R.T. -0.012 min  
Lab File: BG058493.D  
Acq: 27 Jul 2023 00:46

Tgt Ion:276 Resp: 598480  
Ion Ratio Lower Upper  
276 100  
138 16.3 13.5 20.3  
277 22.9 19.4 29.2

