

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060823\  
 Data File : BG057667.D  
 Acq On : 8 Jun 2023 11:48  
 Operator : CG/JU  
 Sample : SSTDICC010  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC010

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 06/09/2023  
 Supervised By :mohammad ahmed 06/13/2023

Quant Time: Jun 09 00:33:42 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG060823.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 09 00:28:39 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.311  | 152  | 17743    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 11.143 | 136  | 44940    | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.926 | 164  | 19439    | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.670 | 188  | 46913    | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.965 | 240  | 101157   | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12              | 25.432 | 264  | 116354   | 20.000 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.831  | 112  | 9989     | 11.699 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.465  | 99   | 33051    | 23.539 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.492  | 82   | 31107    | 30.686 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.413 | 330  | 6080     | 21.297 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.552 | 172  | 29919    | 20.655 | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.238 | 244  | 83657    | 14.231 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.628  | 88   | 5232     | 9.685  | ng    | 98       |
| 3) Pyridine                   | 4.051  | 79   | 5448     | 4.787  | ng    | 95       |
| 4) n-Nitrosodimethylamine     | 3.963  | 42   | 5216     | 6.140  | ng    | 84       |
| 6) Aniline                    | 7.629  | 93   | 20725    | 11.365 | ng    | 98       |
| 8) 2-Chlorophenol             | 7.876  | 128  | 11802    | 11.054 | ng    | 93       |
| 9) Benzaldehyde               | 7.441  | 77   | 10823    | 13.276 | ng    | 94       |
| 10) Phenol                    | 7.488  | 94   | 16355    | 12.121 | ng    | 94       |
| 11) bis(2-Chloroethyl)ether   | 7.717  | 93   | 12340    | 11.668 | ng    | 96       |
| 12) 1,3-Dichlorobenzene       | 8.199  | 146  | 12069    | 10.644 | ng    | 92       |
| 13) 1,4-Dichlorobenzene       | 8.346  | 146  | 13002    | 10.847 | ng    | 94       |
| 14) 1,2-Dichlorobenzene       | 8.669  | 146  | 11079    | 9.620  | ng    | 92       |
| 15) Benzyl Alcohol            | 8.557  | 79   | 10643    | 9.312  | ng    | 95       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.834  | 45   | 23183m   | 10.552 | ng    |          |
| 17) 2-Methylphenol            | 8.763  | 107  | 9349     | 8.895  | ng    | 98       |
| 18) Hexachloroethane          | 9.409  | 117  | 4724     | 10.418 | ng    | 92       |
| 19) n-Nitroso-di-n-propyla... | 9.110  | 70   | 10388    | 10.460 | ng    | # 94     |
| 20) 3+4-Methylphenols         | 9.092  | 107  | 15150    | 10.510 | ng    | 90       |
| 22) Acetophenone              | 9.145  | 105  | 19977    | 15.924 | ng    | 97       |
| 24) Nitrobenzene              | 9.533  | 77   | 15134    | 15.286 | ng    | 98       |
| 25) Isophorone                | 10.056 | 82   | 20793    | 11.730 | ng    | # 95     |
| 26) 2-Nitrophenol             | 10.261 | 139  | 3977     | 9.865  | ng    | 92       |
| 27) 2,4-Dimethylphenol        | 10.302 | 122  | 7297     | 9.902  | ng    | 91       |
| 28) bis(2-Chloroethoxy)met... | 10.532 | 93   | 6551     | 7.024  | ng    | 90       |
| 29) 2,4-Dichlorophenol        | 10.808 | 162  | 4476     | 6.655  | ng    | 96       |
| 30) 1,2,4-Trichlorobenzene    | 11.007 | 180  | 8139     | 10.041 | ng    | 90       |
| 31) Naphthalene               | 11.201 | 128  | 25364    | 10.381 | ng    | 98       |
| 32) Benzoic acid              | 10.302 | 122  | 7297     | 20.224 | ng    | # 11     |
| 33) 4-Chloroaniline           | 11.307 | 127  | 11598    | 10.906 | ng    | 97       |
| 34) Hexachlorobutadiene       | 11.460 | 225  | 4733     | 8.486  | ng    | 95       |
| 35) Caprolactam               | 12.059 | 113  | 1671     | 8.017  | ng    | # 85     |
| 36) 4-Chloro-3-methylphenol   | 12.418 | 107  | 5338     | 6.639  | ng    | # 83     |
| 37) 2-Methylnaphthalene       | 12.782 | 142  | 11164    | 6.685  | ng    | 89       |
| 38) 1-Methylnaphthalene       | 12.999 | 142  | 10531    | 6.763  | ng    | # 88     |
| 40) 1,2,4,5-Tetrachloroben... | 13.146 | 216  | 6116     | 9.759  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 13.117 | 237  | 57       | 11.648 | ng    | # 26     |
| 43) 2,4,6-Trichlorophenol     | 13.381 | 196  | 3582m    | 9.338  | ng    |          |

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 Sample : SSTDICC010  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

## Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

## Manual Integrations

## APPROVED

Reviewed By :Yogesh Patel 06/09/2023

Supervised By :mohammad ahmed 06/13/2023

Quant Time: Jun 09 00:33:42 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG060823.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

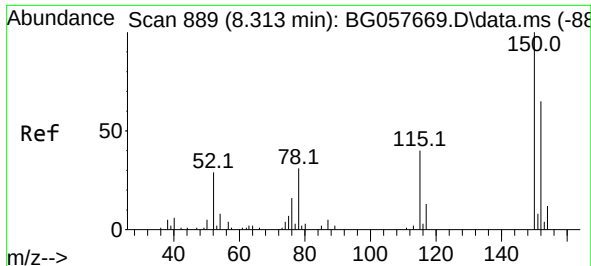
QLast Update : Fri Jun 09 00:28:39 2023

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.469 | 196  | 4249     | 9.479  | ng    | 91       |
| 46) 1,1'-Biphenyl             | 13.763 | 154  | 14253    | 9.910  | ng    | 96       |
| 47) 2-Chloronaphthalene       | 13.822 | 162  | 10817    | 10.123 | ng    | 96       |
| 48) 2-Nitroaniline            | 14.022 | 65   | 4083     | 9.349  | ng    | 92       |
| 49) Acenaphthylene            | 14.662 | 152  | 17652    | 9.794  | ng    | 96       |
| 50) Dimethylphthalate         | 14.368 | 163  | 14701    | 9.878  | ng    | # 95     |
| 51) 2,6-Dinitrotoluene        | 14.503 | 165  | 2985     | 9.397  | ng    | # 76     |
| 52) Acenaphthene              | 14.997 | 154  | 11056    | 10.415 | ng    | 93       |
| 53) 3-Nitroaniline            | 14.838 | 138  | 3029     | 9.332  | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 15.103 | 184  | 358      | 2.969  | ng    | # 12     |
| 55) Dibenzofuran              | 15.326 | 168  | 18098    | 10.483 | ng    | # 89     |
| 56) 4-Nitrophenol             | 15.179 | 139  | 1363     | 7.377  | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 15.297 | 165  | 4447     | 10.286 | ng    | # 85     |
| 58) Fluorene                  | 15.972 | 166  | 15386    | 11.066 | ng    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.561 | 232  | 3865     | 10.653 | ng    | # 95     |
| 60) Diethylphthalate          | 15.708 | 149  | 15802    | 10.589 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 15.949 | 204  | 8479     | 10.878 | ng    | 94       |
| 62) 4-Nitroaniline            | 15.996 | 138  | 3120     | 9.741  | ng    | # 42     |
| 63) Azobenzene                | 16.242 | 77   | 15676    | 10.658 | ng    | 91       |
| 65) 4,6-Dinitro-2-methylph... | 16.072 | 198  | 1843     | 6.255  | ng    | 89       |
| 66) n-Nitrosodiphenylamine    | 16.160 | 169  | 13133    | 8.434  | ng    | 93       |
| 67) 4-Bromophenyl-phenylether | 16.842 | 248  | 5411     | 9.199  | ng    | 97       |
| 68) Hexachlorobenzene         | 16.977 | 284  | 5639     | 10.034 | ng    | 94       |
| 69) Atrazine                  | 17.094 | 200  | 4982     | 10.148 | ng    | 97       |
| 70) Pentachlorophenol         | 17.335 | 266  | 1002     | 12.120 | ng    | # 73     |
| 71) Phenanthrene              | 17.711 | 178  | 24293    | 9.884  | ng    | 98       |
| 72) Anthracene                | 17.799 | 178  | 25333    | 9.953  | ng    | 97       |
| 73) Carbazole                 | 18.076 | 167  | 23445    | 9.958  | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.587 | 149  | 28351    | 8.947  | ng    | 98       |
| 75) Fluoranthene              | 19.703 | 202  | 48739    | 12.393 | ng    | 97       |
| 77) Benzidine                 | 19.874 | 184  | 17602    | 6.867  | ng    | 97       |
| 78) Pyrene                    | 20.067 | 202  | 52933    | 7.232  | ng    | 97       |
| 80) Butylbenzylphthalate      | 20.908 | 149  | 20188    | 7.569  | ng    | 99       |
| 81) Benzo(a)anthracene        | 21.948 | 228  | 72628    | 10.191 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.842 | 252  | 24987    | 9.894  | ng    | 100      |
| 83) Chrysene                  | 22.018 | 228  | 68248    | 10.125 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 21.789 | 149  | 39299    | 9.834  | ng    | 98       |
| 85) Di-n-octyl phthalate      | 23.064 | 149  | 68460    | 9.921  | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 29.439 | 276  | 77783    | 9.966  | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 24.321 | 252  | 67782    | 9.918  | ng    | # 97     |
| 89) Benzo(k)fluoranthene      | 24.392 | 252  | 71173m   | 10.250 | ng    |          |
| 90) Benzo(a)pyrene            | 25.261 | 252  | 66456    | 10.004 | ng    | # 97     |
| 91) Dibenzo(a,h)anthracene    | 29.480 | 278  | 64596    | 9.902  | ng    | # 97     |
| 92) Benzo(g,h,i)perylene      | 30.696 | 276  | 64325    | 10.095 | ng    | # 96     |

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





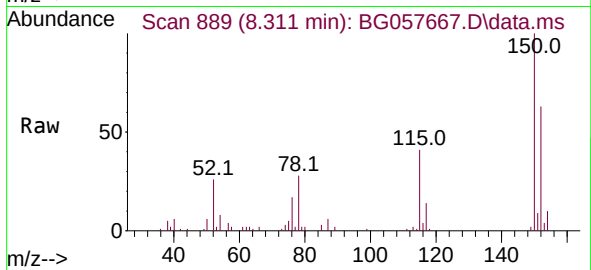
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1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.311 min Scan# 889  
Delta R.T. -0.002 min  
Lab File: BG057667.D  
Acq: 8 Jun 2023 11:48

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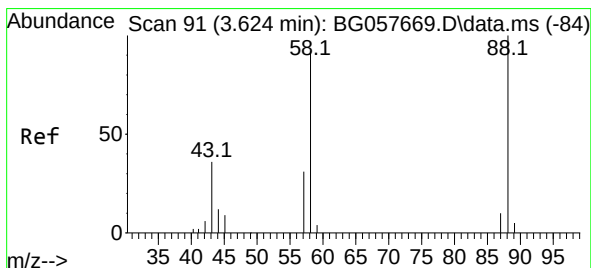
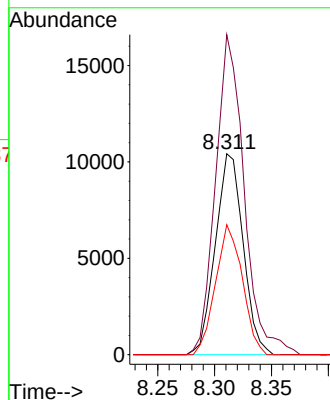
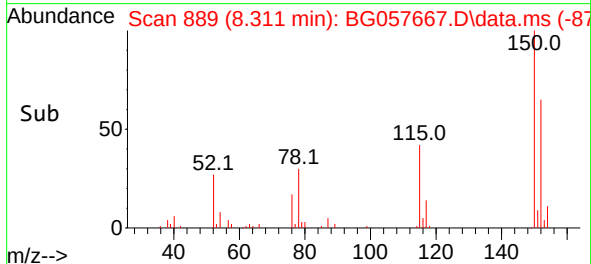


Tgt Ion:152 Resp: 1774  
Ion Ratio Lower Upper  
152 100  
150 159.2 122.6 184.0  
115 64.7 48.6 72.8

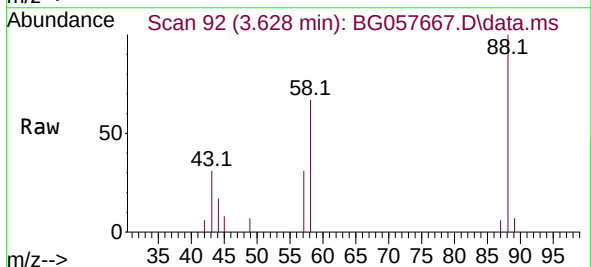
Manual Integrations

APPROVED

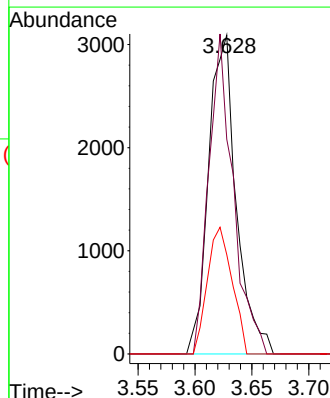
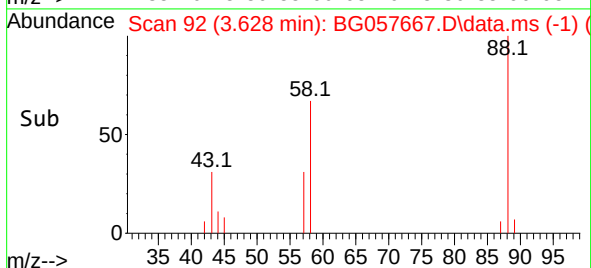
Reviewed By :Yogesh Patel 06/09/2023  
Supervised By :mohammad ahmed 06/13/2023

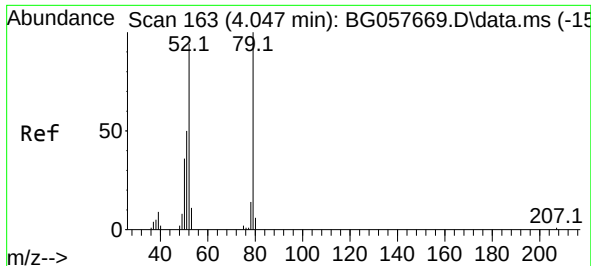


#2  
1,4-Dioxane  
Concen: 9.685 ng  
RT: 3.628 min Scan# 92  
Delta R.T. 0.004 min  
Lab File: BG057667.D  
Acq: 8 Jun 2023 11:48



Tgt Ion: 88 Resp: 5232  
Ion Ratio Lower Upper  
88 100  
58 88.0 71.9 107.9  
43 35.4 27.6 41.4





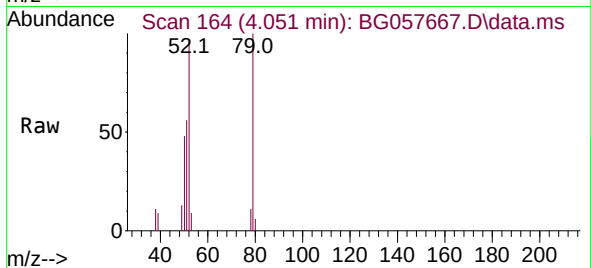
#3  
Pyridine  
Concen: 4.787 ng  
RT: 4.051 min Scan# 164  
Delta R.T. 0.004 min  
Lab File: BG057667.D  
Acq: 8 Jun 2023 11:48

Instrument :

BNA\_G

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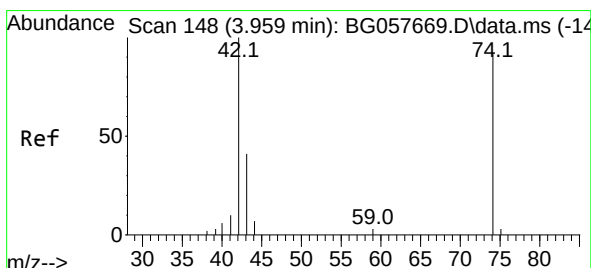
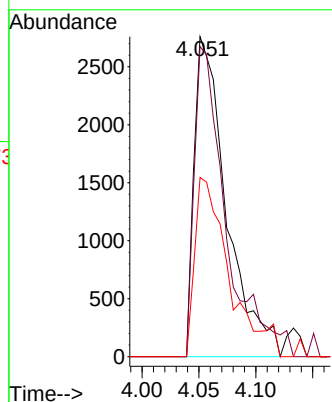
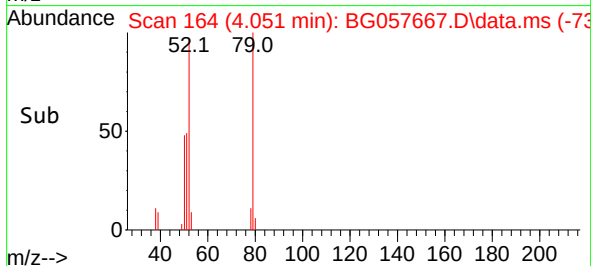
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Ion Ratio Lower Upper  
79 100  
52 96.9 75.0 112.6  
51 56.0 40.4 60.6

Manual Integrations

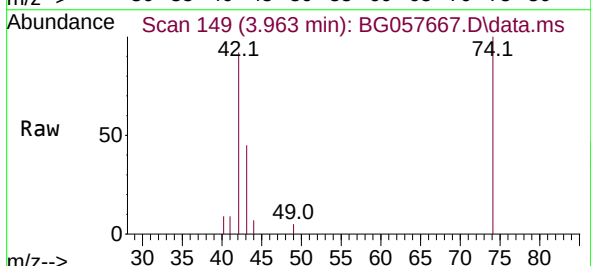
APPROVED

Reviewed By :Yogesh Patel 06/09/2023

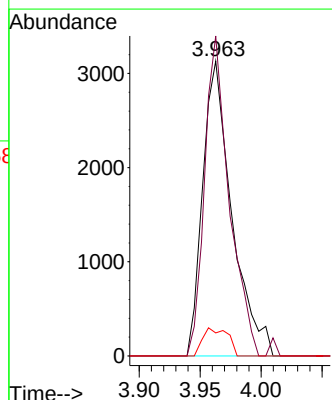
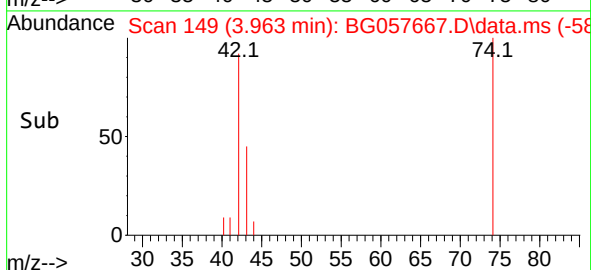
Supervised By :mohammad ahmed 06/13/2023

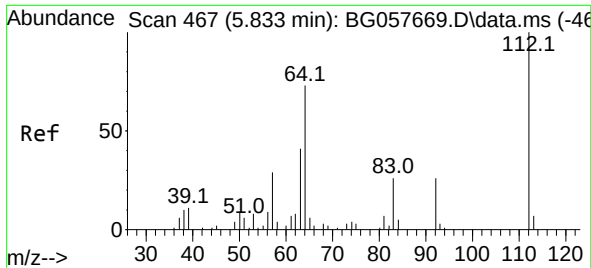


#4  
n-Nitrosodimethylamine  
Concen: 6.140 ng  
RT: 3.963 min Scan# 149  
Delta R.T. 0.004 min  
Lab File: BG057667.D  
Acq: 8 Jun 2023 11:48



Tgt Ion: 42 Resp: 5216  
Ion Ratio Lower Upper  
42 100  
74 108.5 73.4 110.2  
44 7.8 6.0 9.0





#5  
2-Fluorophenol  
Concen: 11.699 ng  
RT: 5.831 min Scan# 467  
Delta R.T. -0.002 min  
Lab File: BG057667.D  
Acq: 8 Jun 2023 11:48

Instrument :

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ClientSampleId :

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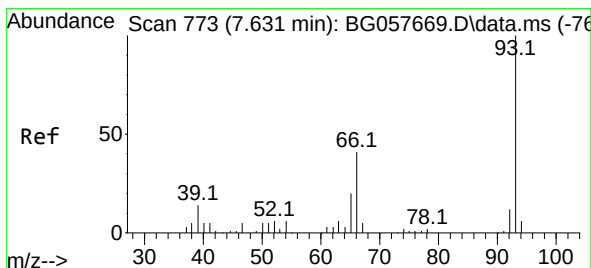
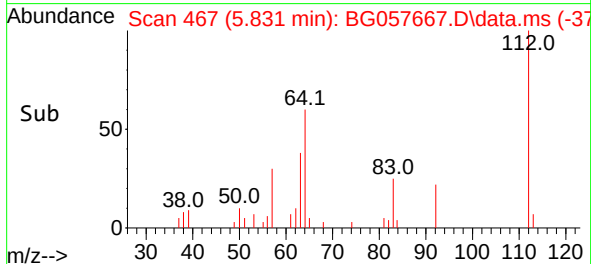
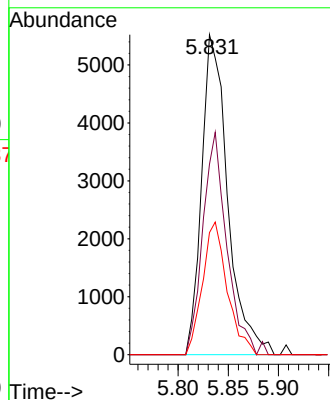
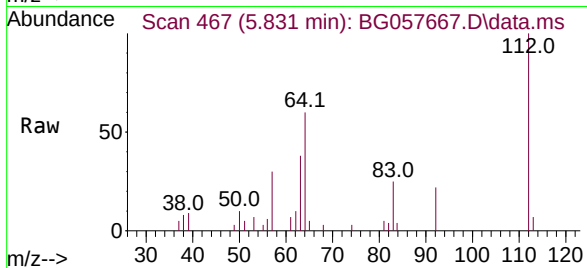
Tgt Ion:112 Resp: 9989  
Ion Ratio Lower Upper  
112 100  
64 59.5 58.6 88.0  
63 38.2 32.5 48.7

Manual Integrations

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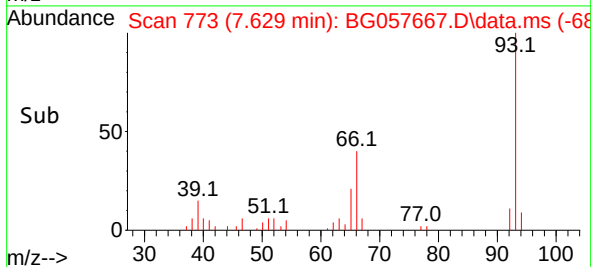
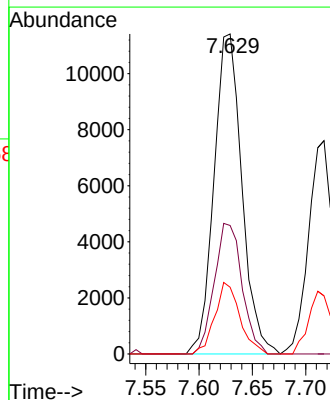
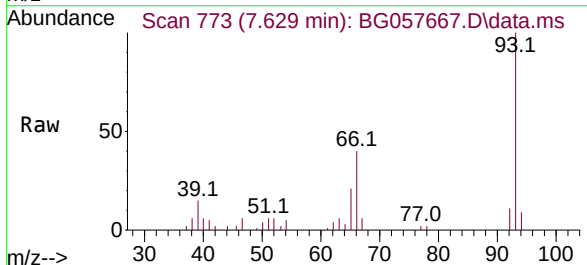
Reviewed By :Yogesh Patel 06/09/2023

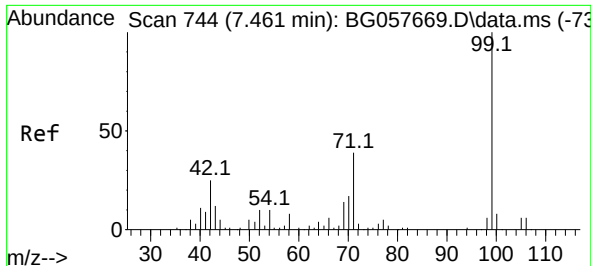
Supervised By :mohammad ahmed 06/13/2023



#6  
Aniline  
Concen: 11.365 ng  
RT: 7.629 min Scan# 773  
Delta R.T. -0.002 min  
Lab File: BG057667.D  
Acq: 8 Jun 2023 11:48

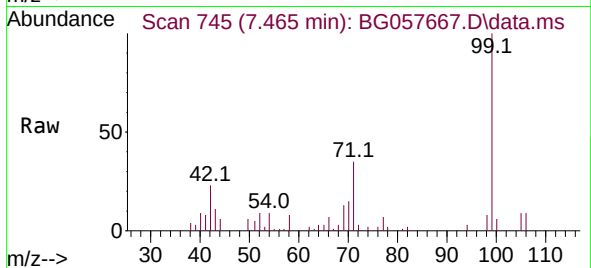
Tgt Ion: 93 Resp: 20725  
Ion Ratio Lower Upper  
93 100  
66 40.2 32.7 49.1  
65 20.8 15.8 23.8





#7  
Phenol-d6  
Concen: 23.539 ng  
RT: 7.465 min Scan# 744  
Delta R.T. 0.004 min  
Lab File: BG057667.D  
Acq: 8 Jun 2023 11:48

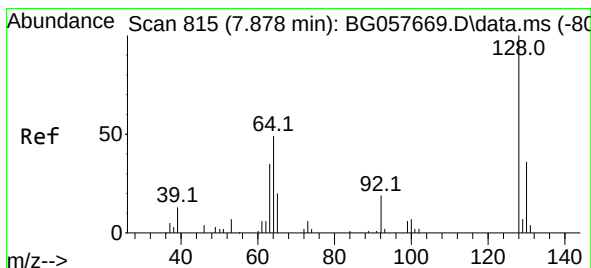
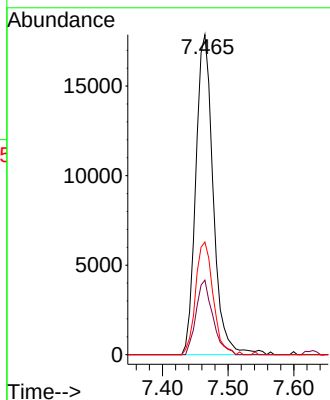
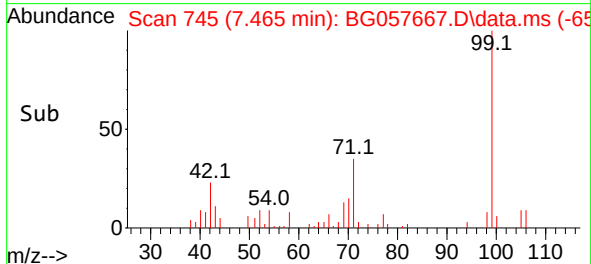
Instrument :  
BNA\_G  
ClientSampleId :  
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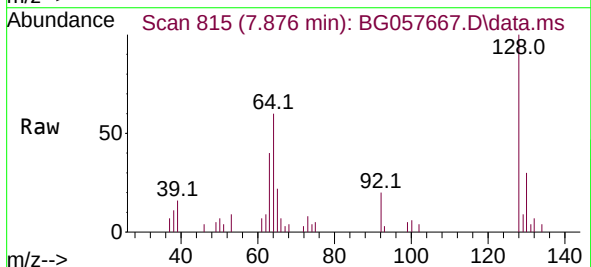
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Ion Ratio Lower Upper  
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71 35.2 31.6 47.4

Manual Integrations  
APPROVED

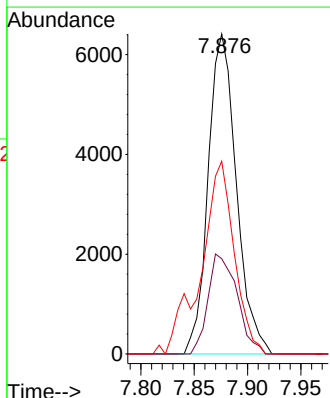
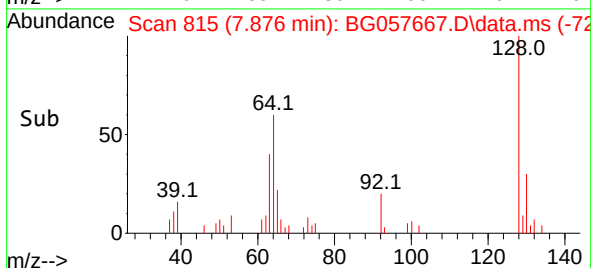
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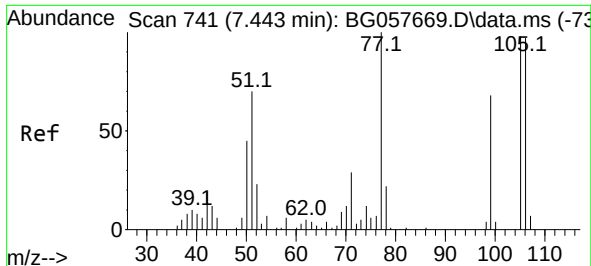


#8  
2-Chlorophenol  
Concen: 11.054 ng  
RT: 7.876 min Scan# 815  
Delta R.T. -0.002 min  
Lab File: BG057667.D  
Acq: 8 Jun 2023 11:48



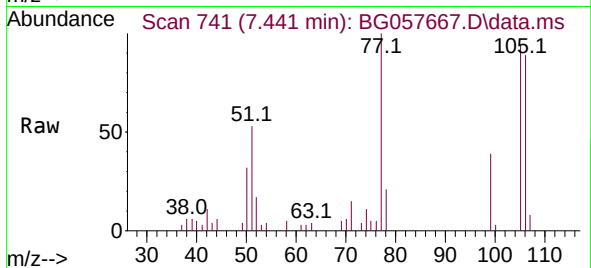
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Ion Ratio Lower Upper  
128 100  
130 29.7 15.7 55.7  
64 60.2 36.9 76.9





#9  
Benzaldehyde  
Concen: 13.276 ng  
RT: 7.441 min Scan# 741  
Delta R.T. -0.002 min  
Lab File: BG057667.D  
Acq: 8 Jun 2023 11:48

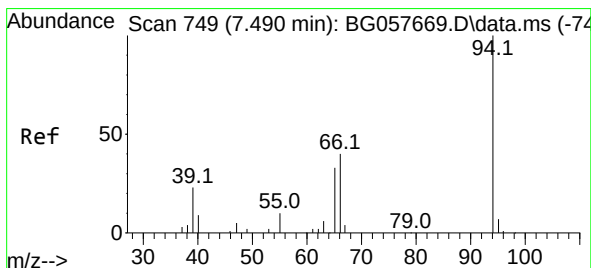
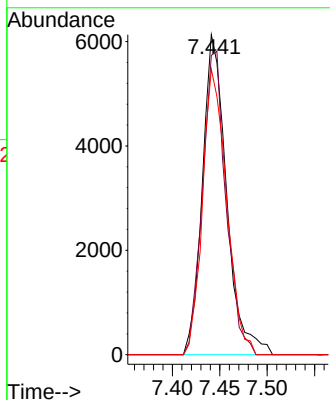
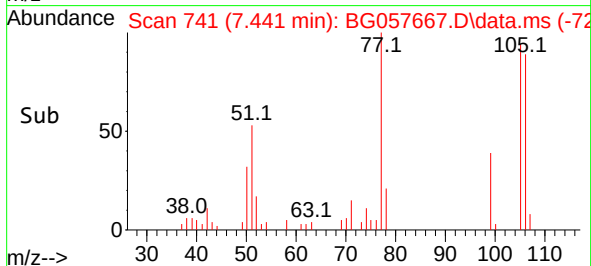
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



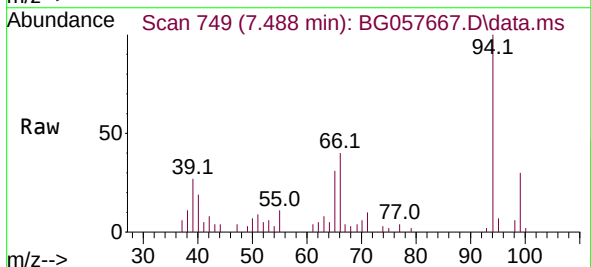
Tgt Ion: 77 Resp: 1082  
Ion Ratio Lower Upper  
77 100  
105 93.6 78.4 118.4  
106 89.2 77.1 117.1

Manual Integrations  
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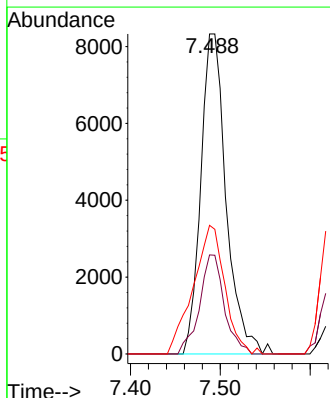
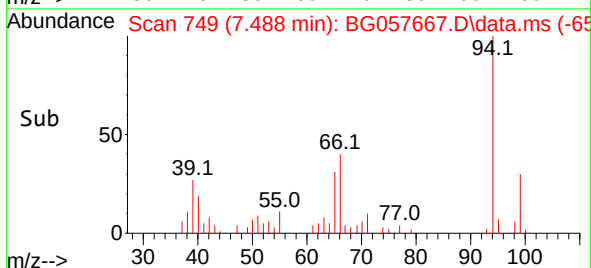
Reviewed By :Yogesh Patel 06/09/2023  
Supervised By :mohammad ahmed 06/13/2023



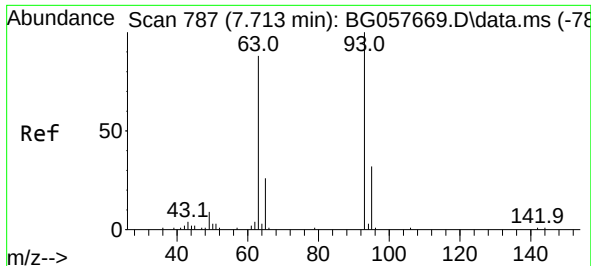
#10  
Phenol  
Concen: 12.121 ng  
RT: 7.488 min Scan# 749  
Delta R.T. -0.002 min  
Lab File: BG057667.D  
Acq: 8 Jun 2023 11:48



Tgt Ion: 94 Resp: 16355  
Ion Ratio Lower Upper  
94 100  
65 30.9 13.4 53.4  
66 40.2 24.8 64.8

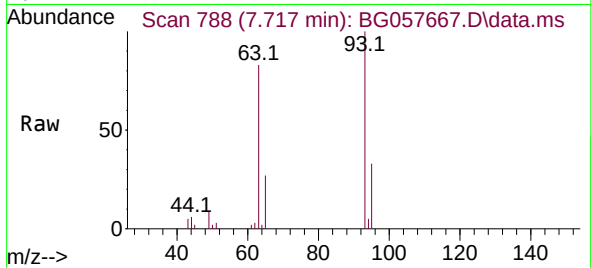






#11  
bis(2-Chloroethyl)ether  
Concen: 11.668 ng  
RT: 7.717 min Scan# 71  
Delta R.T. 0.004 min  
Lab File: BG057667.D  
Acq: 8 Jun 2023 11:48

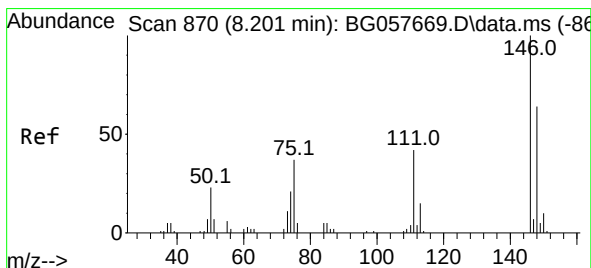
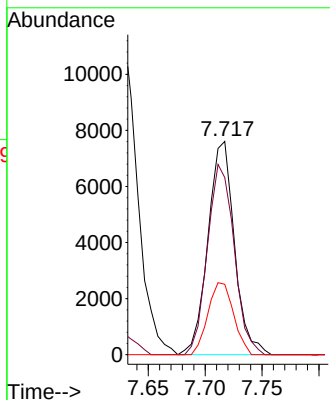
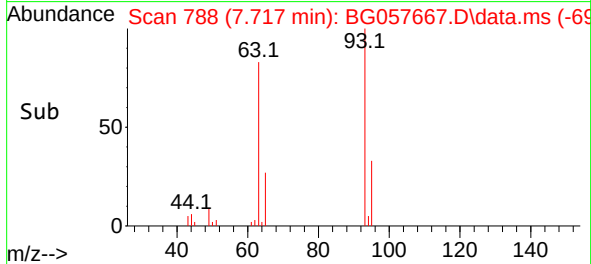
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



Tgt Ion: 93 Resp: 12340  
Ion Ratio Lower Upper  
93 100  
63 83.0 67.0 107.0  
95 33.0 12.0 52.0

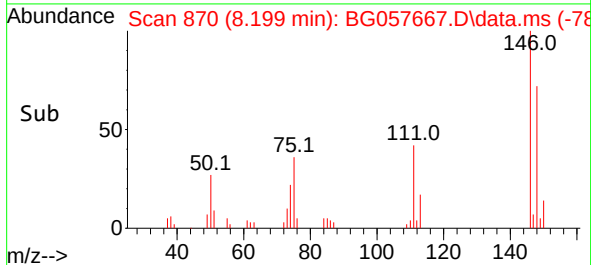
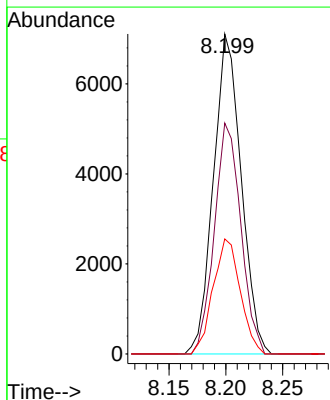
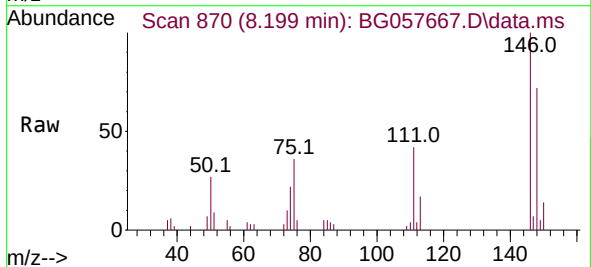
Manual Integrations  
APPROVED

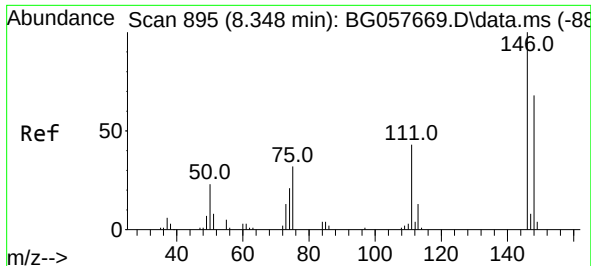
Reviewed By :Yogesh Patel 06/09/2023  
Supervised By :mohammad ahmed 06/13/2023



#12  
1,3-Dichlorobenzene  
Concen: 10.644 ng  
RT: 8.199 min Scan# 870  
Delta R.T. -0.002 min  
Lab File: BG057667.D  
Acq: 8 Jun 2023 11:48

Tgt Ion:146 Resp: 12069  
Ion Ratio Lower Upper  
146 100  
148 72.1 50.9 76.3  
75 36.0 29.6 44.4





#13

1,4-Dichlorobenzene

Concen: 10.847 ng

RT: 8.346 min Scan# 895

Delta R.T. -0.002 min

Lab File: BG057667.D

Acq: 8 Jun 2023 11:48

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

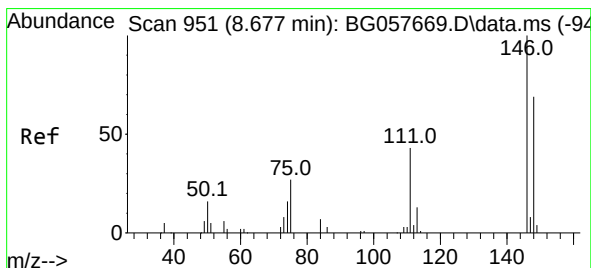
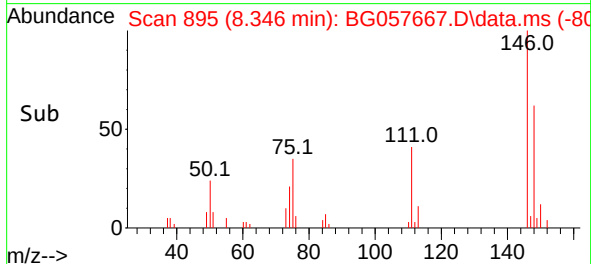
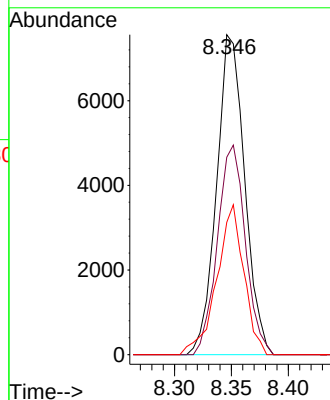
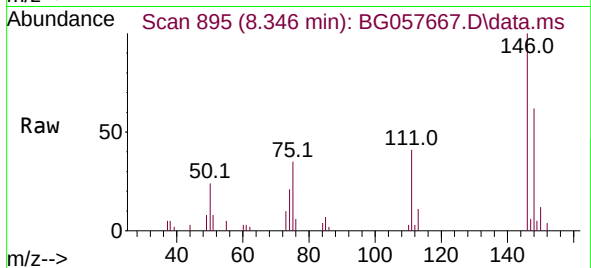
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:146 | Resp: | 1300      |
| Ion Ratio   | Lower | Upper     |
| 146         | 100   |           |
| 148         | 61.7  | 54.3 81.5 |
| 111         | 41.3  | 34.8 52.2 |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/09/2023

Supervised By :mohammad ahmed 06/13/2023



#14

1,2-Dichlorobenzene

Concen: 9.620 ng

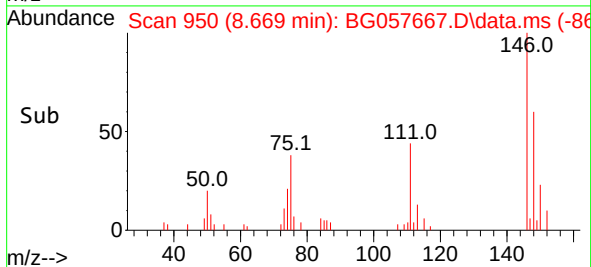
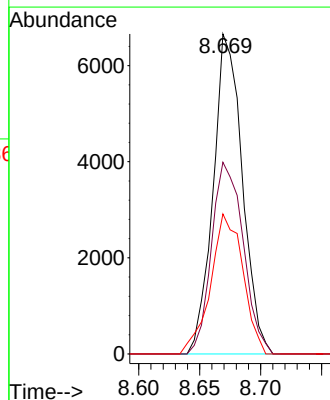
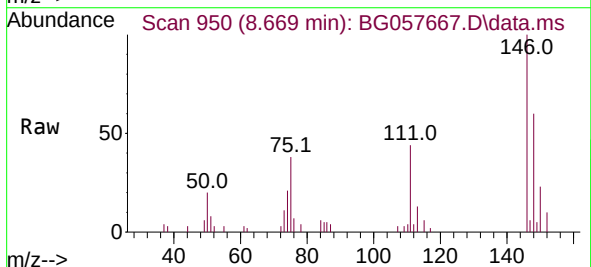
RT: 8.669 min Scan# 950

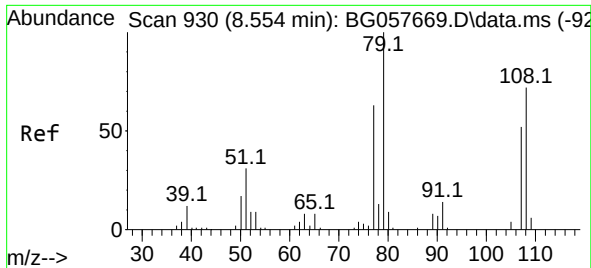
Delta R.T. -0.008 min

Lab File: BG057667.D

Acq: 8 Jun 2023 11:48

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:146 | Resp: | 11079     |
| Ion Ratio   | Lower | Upper     |
| 146         | 100   |           |
| 148         | 59.9  | 56.0 84.0 |
| 111         | 43.7  | 35.6 53.4 |





#15  
Benzyl Alcohol  
Concen: 9.312 ng  
RT: 8.557 min Scan# 911  
Delta R.T. 0.004 min  
Lab File: BG057667.D  
Acq: 8 Jun 2023 11:48

Instrument :

BNA\_G

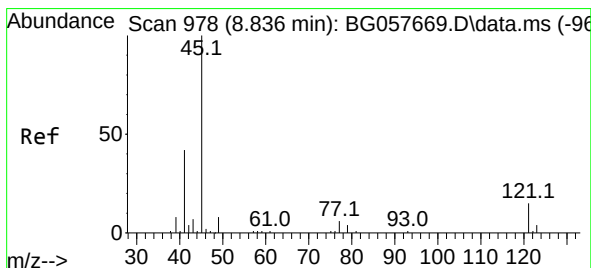
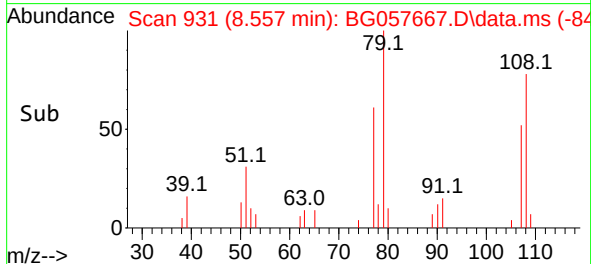
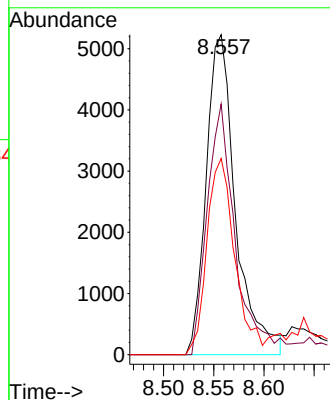
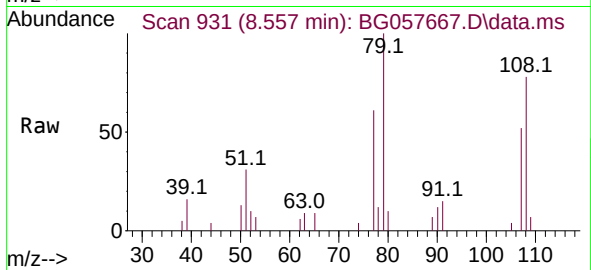
ClientSampleId :

SSTDICC010

Tgt Ion: 79 Resp: 1064  
Ion Ratio Lower Upper  
79 100  
108 78.4 57.8 86.6  
77 61.3 50.5 75.7

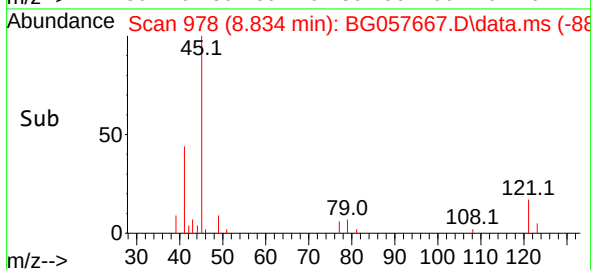
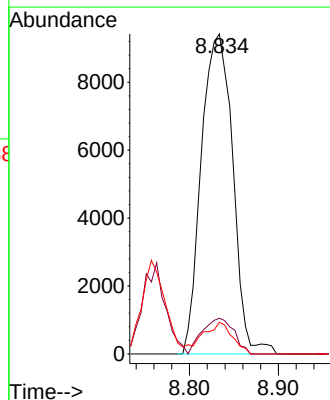
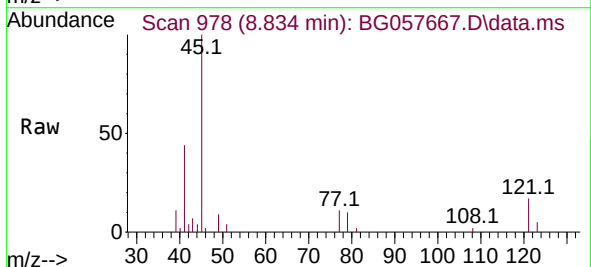
Manual Integrations  
APPROVED

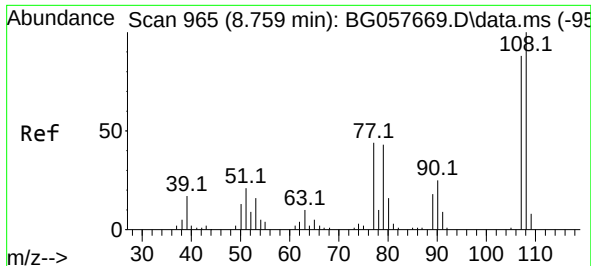
Reviewed By :Yogesh Patel 06/09/2023  
Supervised By :mohammad ahmed 06/13/2023



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 10.552 ng m  
RT: 8.834 min Scan# 978  
Delta R.T. -0.002 min  
Lab File: BG057667.D  
Acq: 8 Jun 2023 11:48

Tgt Ion: 45 Resp: 23183  
Ion Ratio Lower Upper  
45 100  
77 11.2 0.0 30.2  
79 9.9 0.0 28.6





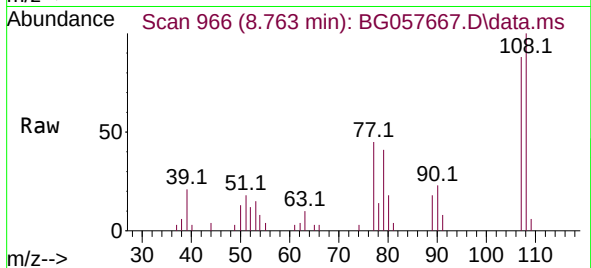
#17  
2-Methylphenol  
Concen: 8.895 ng  
RT: 8.763 min Scan# 90  
Delta R.T. 0.004 min  
Lab File: BG057667.D  
Acq: 8 Jun 2023 11:48

Instrument :

BNA\_G

ClientSampleId :

SSTDIC010

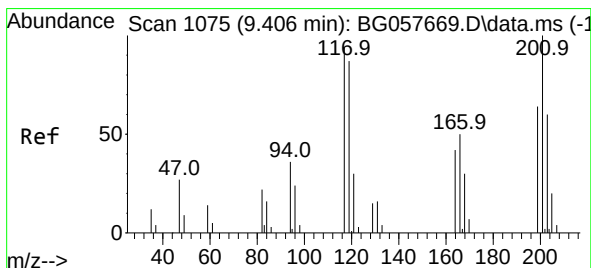
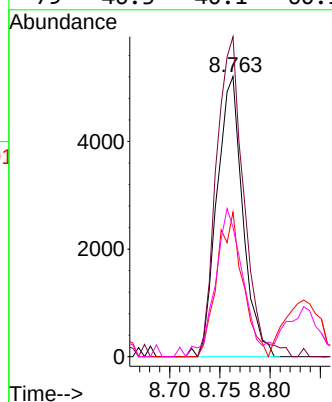


Tgt Ion:107 Resp: 9349  
Ion Ratio Lower Upper  
107 100  
108 114.2 91.3 136.9  
77 51.5 40.2 60.4  
79 46.3 40.1 60.1

Manual Integrations

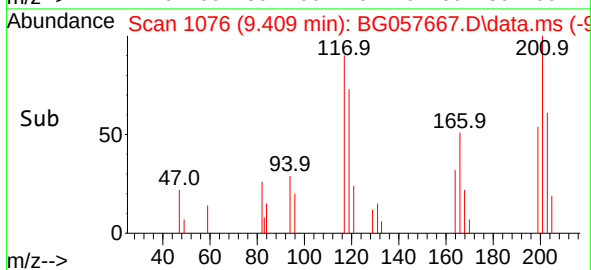
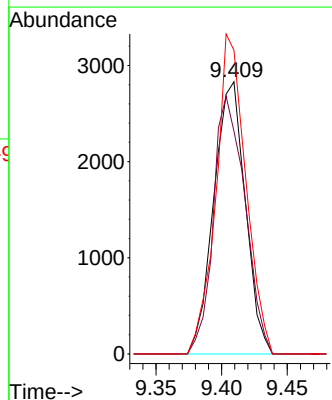
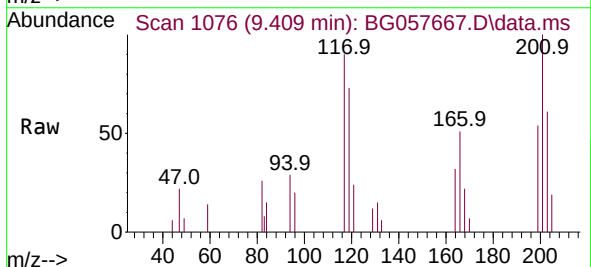
APPROVED

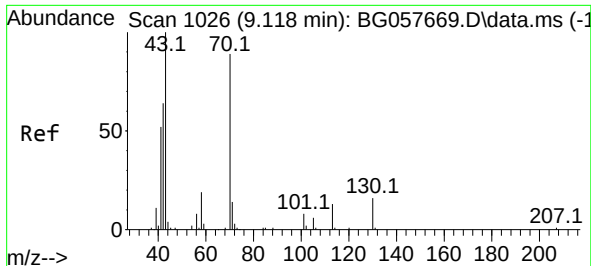
Reviewed By :Yogesh Patel 06/09/2023  
Supervised By :mohammad ahmed 06/13/2023



#18  
Hexachloroethane  
Concen: 10.418 ng  
RT: 9.409 min Scan# 1076  
Delta R.T. 0.004 min  
Lab File: BG057667.D  
Acq: 8 Jun 2023 11:48

Tgt Ion:117 Resp: 4724  
Ion Ratio Lower Upper  
117 100  
119 81.9 74.0 111.0  
201 111.6 85.4 128.0





#19

n-Nitroso-di-n-propylamine

Concen: 10.460 ng

RT: 9.110 min Scan# 1026

Delta R.T. -0.008 min

Lab File: BG057667.D

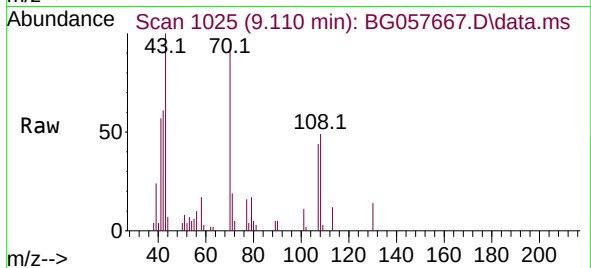
Acq: 8 Jun 2023 11:48

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010



Tgt Ion: 70 Resp: 1038

Ion Ratio Lower Upper

70 100

42 66.2 57.4 86.0

101 11.6 7.5 11.3

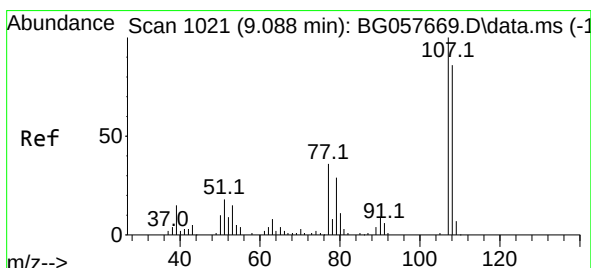
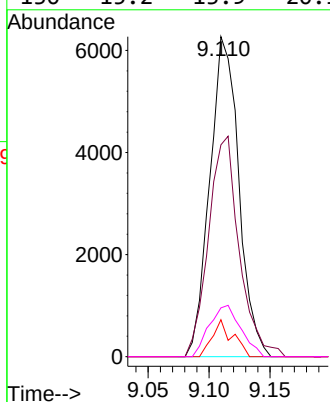
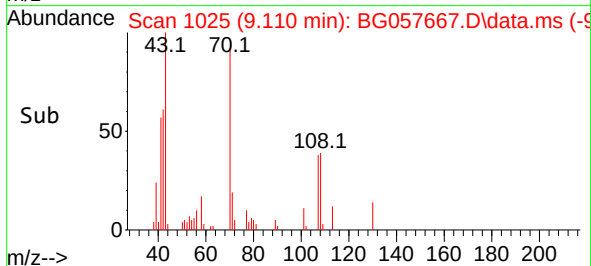
130 15.2 13.9 20.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/09/2023

Supervised By :mohammad ahmed 06/13/2023



#20

3+4-Methylphenols

Concen: 10.510 ng

RT: 9.092 min Scan# 1022

Delta R.T. 0.004 min

Lab File: BG057667.D

Acq: 8 Jun 2023 11:48

Tgt Ion:107 Resp: 15150

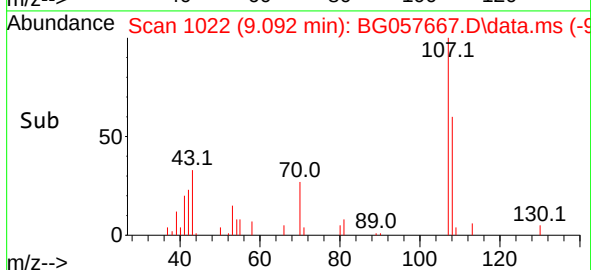
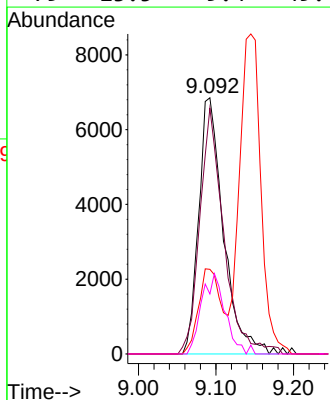
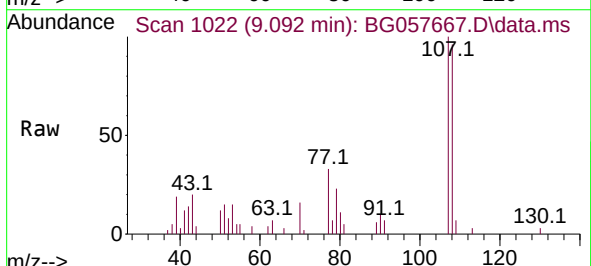
Ion Ratio Lower Upper

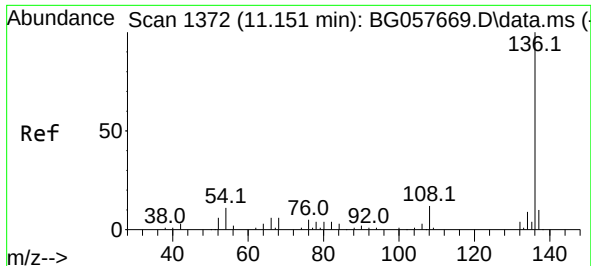
107 100

108 96.0 65.6 105.6

77 33.0 15.7 55.7

79 23.5 9.4 49.4





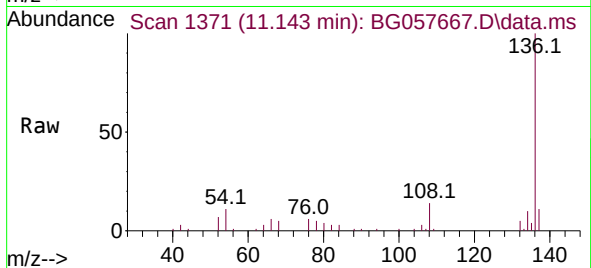
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.143 min Scan# 11143  
Delta R.T. -0.008 min  
Lab File: BG057667.D  
Acq: 8 Jun 2023 11:48

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

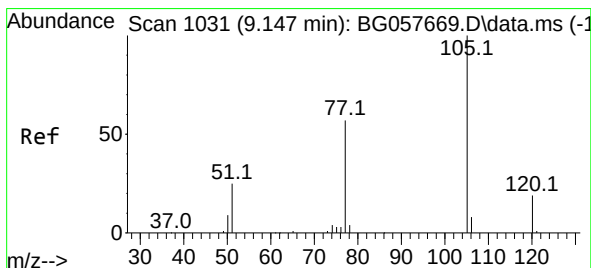
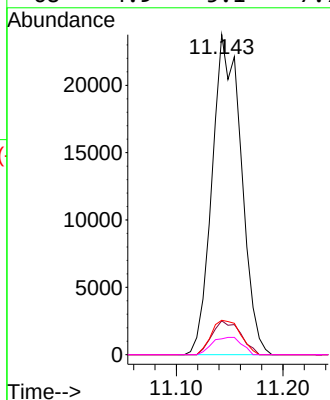
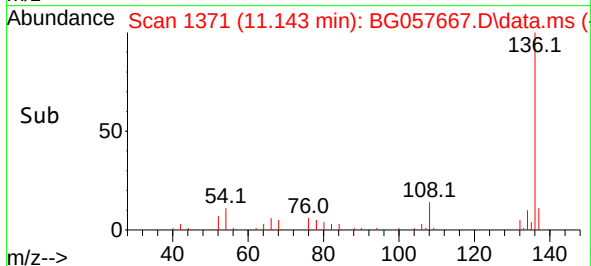


Tgt Ion:136 Resp: 44940  
Ion Ratio Lower Upper  
136 100  
137 10.6 8.4 12.6  
54 10.7 9.0 13.4  
68 4.9 5.1 7.7#

Manual Integrations

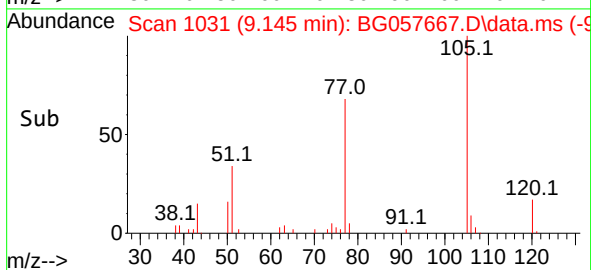
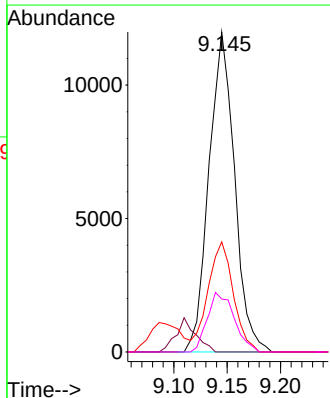
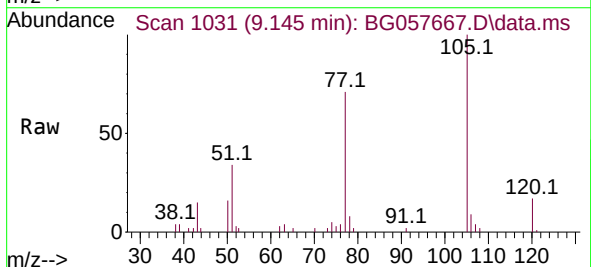
APPROVED

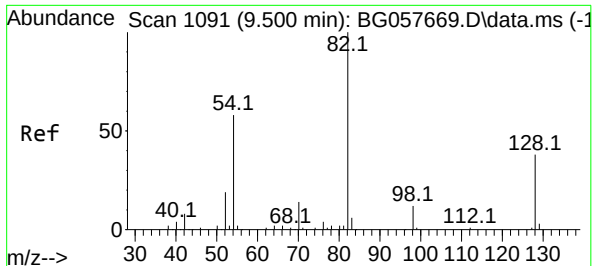
Reviewed By :Yogesh Patel 06/09/2023  
Supervised By :mohammad ahmed 06/13/2023



#22  
Acetophenone  
Concen: 15.924 ng  
RT: 9.145 min Scan# 1031  
Delta R.T. -0.002 min  
Lab File: BG057667.D  
Acq: 8 Jun 2023 11:48

Tgt Ion:105 Resp: 19977  
Ion Ratio Lower Upper  
105 100  
71 0.0 0.0 0.0  
51 34.4 26.7 40.1  
120 16.6 15.4 23.2





#23

Nitrobenzene-d5

Concen: 30.686 ng

RT: 9.492 min Scan# 1090

Delta R.T. -0.008 min

Lab File: BG057667.D

Acq: 8 Jun 2023 11:48

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

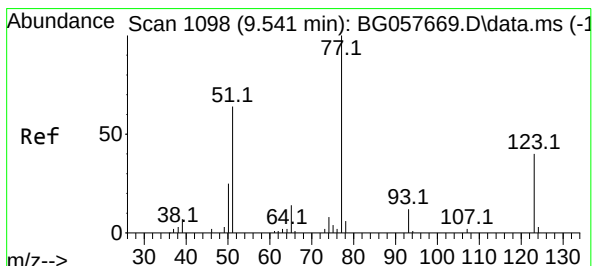
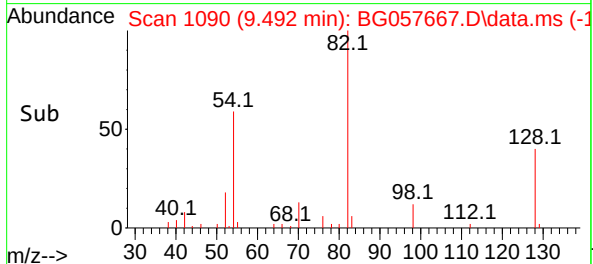
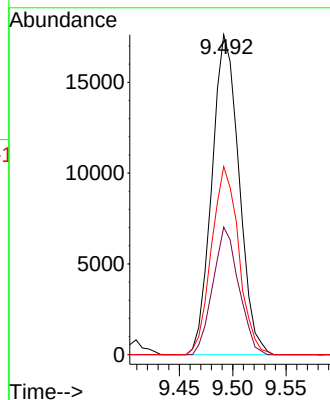
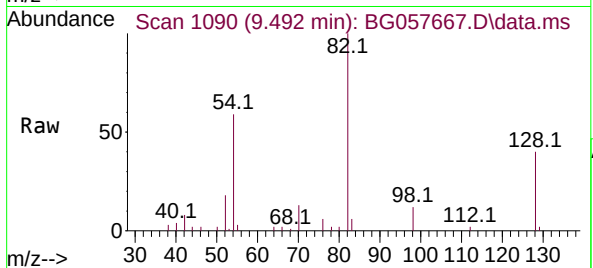
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 3110  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 39.9  | 30.6  | 45.8  |
| 54       | 58.8  | 46.6  | 69.8  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/09/2023

Supervised By :mohammad ahmed 06/13/2023



#24

Nitrobenzene

Concen: 15.286 ng

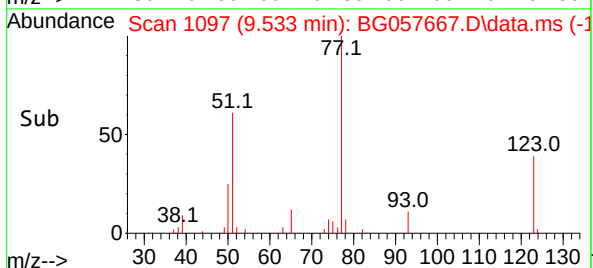
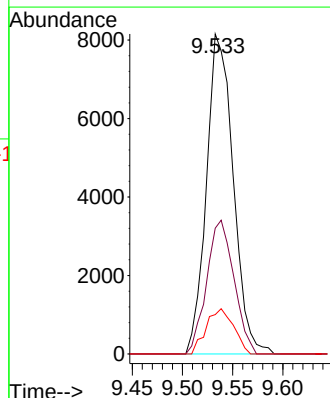
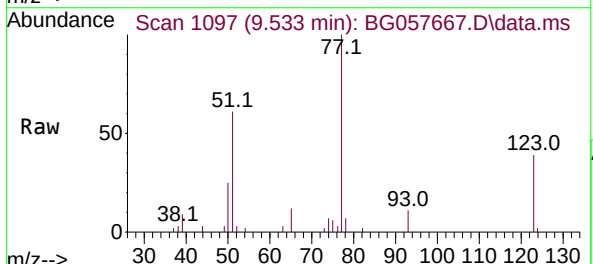
RT: 9.533 min Scan# 1097

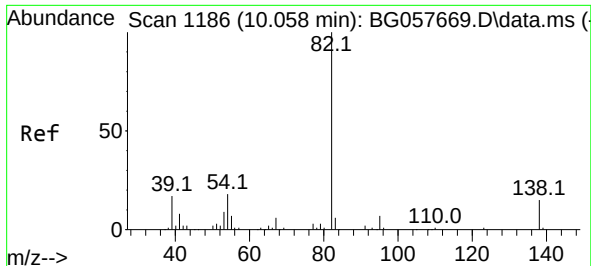
Delta R.T. -0.008 min

Lab File: BG057667.D

Acq: 8 Jun 2023 11:48

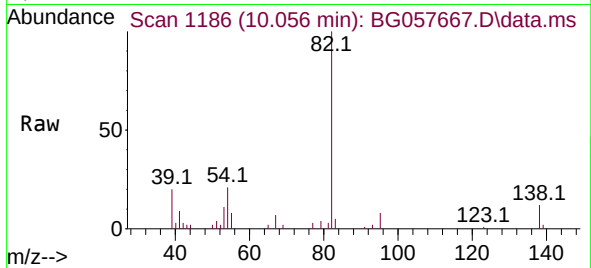
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 77    | Resp: | 15134 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 123      | 39.3  | 32.1  | 48.1  |
| 65       | 12.3  | 11.4  | 17.2  |





#25  
Isophorone  
Concen: 11.730 ng  
RT: 10.056 min Scan# 1186  
Delta R.T. -0.002 min  
Lab File: BG057667.D  
Acq: 8 Jun 2023 11:48

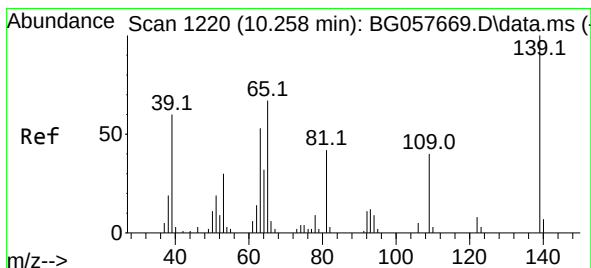
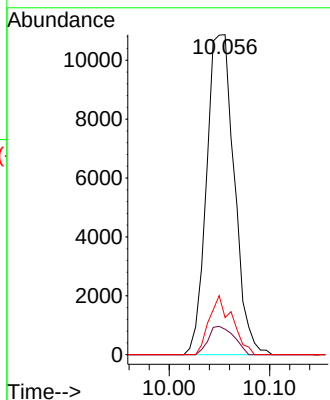
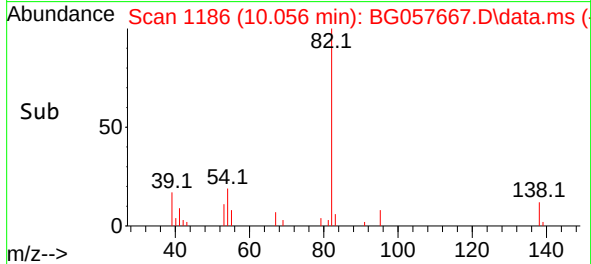
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



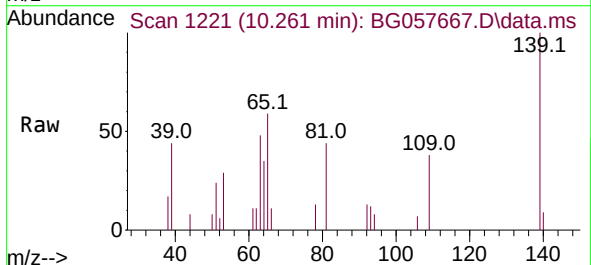
Tgt Ion: 82 Resp: 2079  
Ion Ratio Lower Upper  
82 100  
95 7.9 5.9 8.9  
138 11.6 11.7 17.5

Manual Integrations  
APPROVED

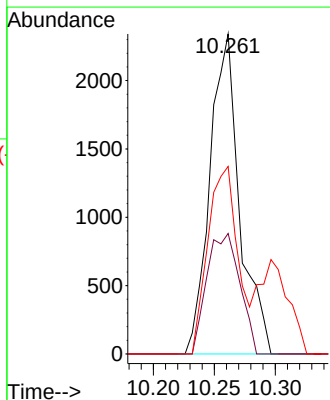
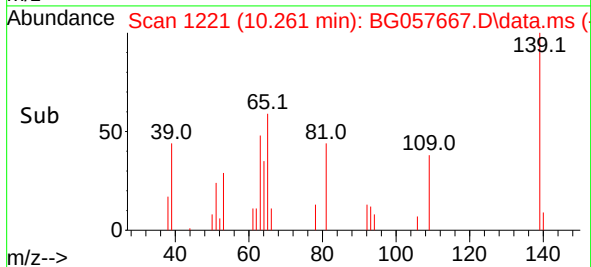
Reviewed By :Yogesh Patel 06/09/2023  
Supervised By :mohammad ahmed 06/13/2023



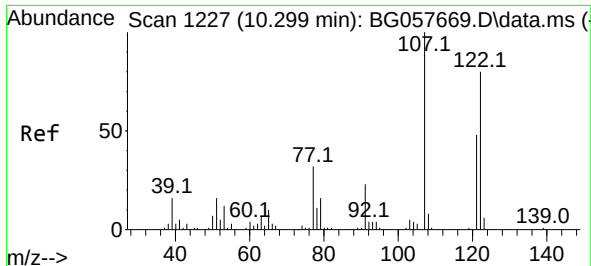
#26  
2-Nitrophenol  
Concen: 9.865 ng  
RT: 10.261 min Scan# 1221  
Delta R.T. 0.004 min  
Lab File: BG057667.D  
Acq: 8 Jun 2023 11:48



Tgt Ion:139 Resp: 3977  
Ion Ratio Lower Upper  
139 100  
109 37.7 32.1 48.1  
65 58.6 53.4 80.2







#27

2,4-Dimethylphenol

Concen: 9.902 ng

RT: 10.302 min Scan# 1228

Delta R.T. 0.004 min

Lab File: BG057667.D

Acq: 8 Jun 2023 11:48

Instrument :

BNA\_G

ClientSampleId :

SSTDIC010

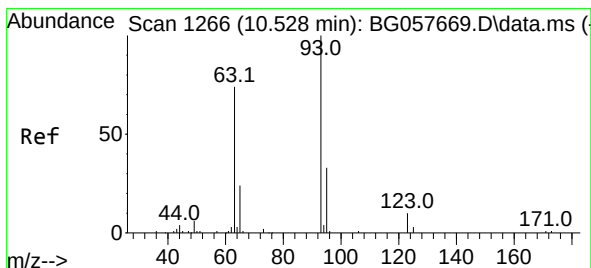
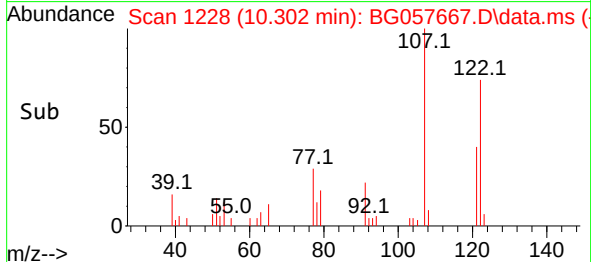
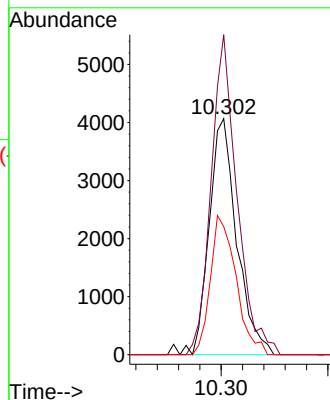
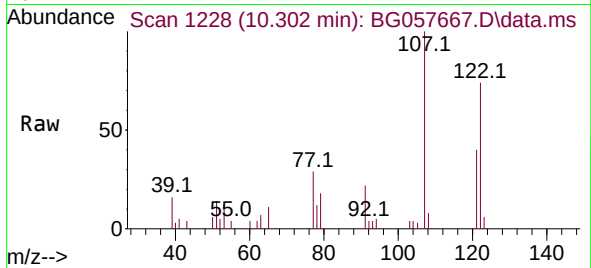
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 122   | Resp: | 729   |
| Ion      | Ratio | Lower | Upper |
| 122      | 100   |       |       |
| 107      | 135.6 | 99.4  | 149.2 |
| 121      | 54.3  | 48.2  | 72.2  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/09/2023

Supervised By :mohammad ahmed 06/13/2023



#28

bis(2-Chloroethoxy)methane

Concen: 7.024 ng

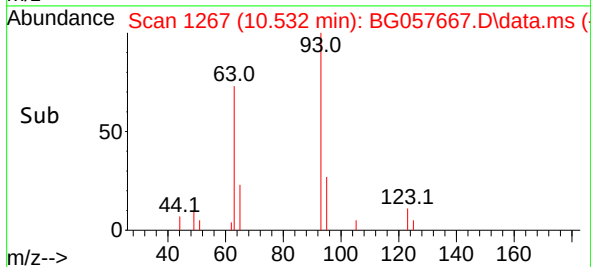
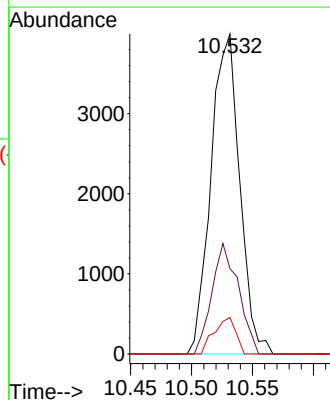
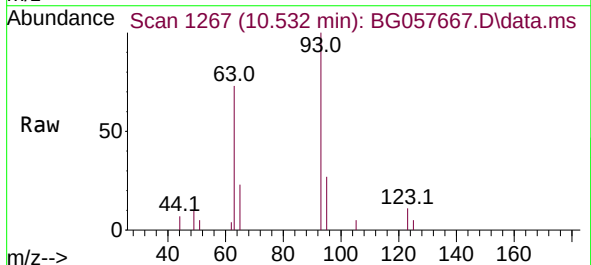
RT: 10.532 min Scan# 1267

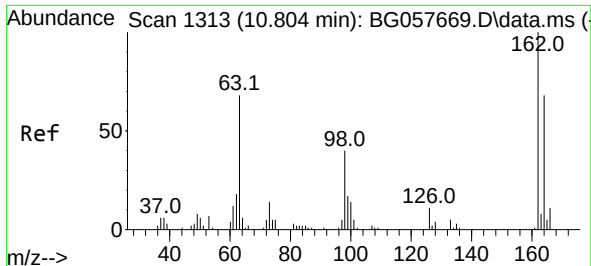
Delta R.T. 0.004 min

Lab File: BG057667.D

Acq: 8 Jun 2023 11:48

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 6551  |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 95       | 26.6  | 26.4  | 39.6  |
| 123      | 11.4  | 7.7   | 11.5  |





#29

2,4-Dichlorophenol

Concen: 6.655 ng

RT: 10.808 min Scan# 1313

Delta R.T. 0.004 min

Lab File: BG057667.D

Acq: 8 Jun 2023 11:48

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

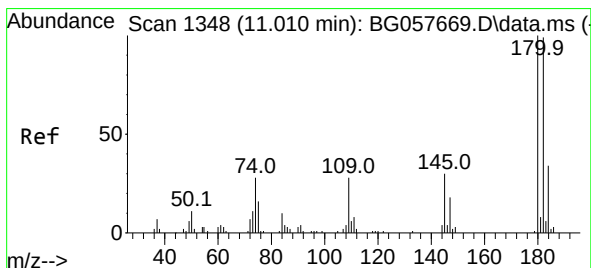
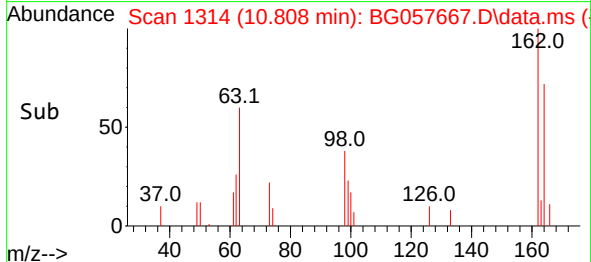
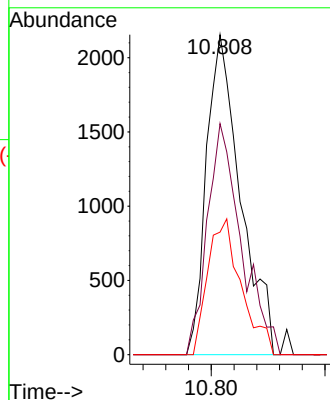
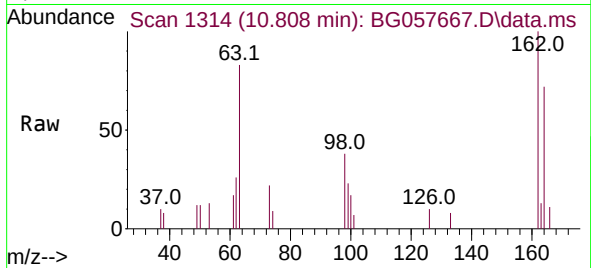
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 162   | Resp: | 4470 |
| Ion Ratio | Lower | Upper |      |
| 162       | 100   |       |      |
| 164       | 72.2  | 47.8  | 87.8 |
| 98        | 38.3  | 19.9  | 59.9 |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/09/2023

Supervised By :mohammad ahmed 06/13/2023



#30

1,2,4-Trichlorobenzene

Concen: 10.041 ng

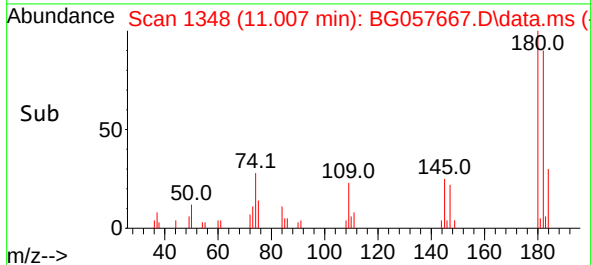
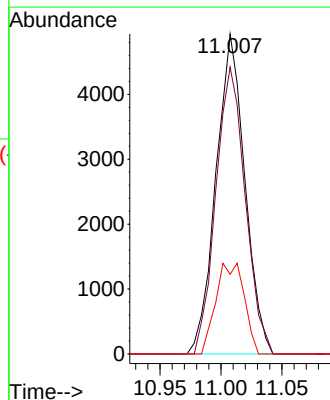
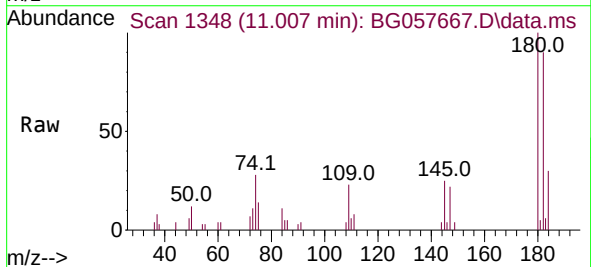
RT: 11.007 min Scan# 1348

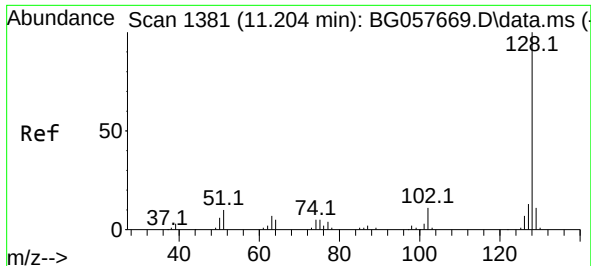
Delta R.T. -0.002 min

Lab File: BG057667.D

Acq: 8 Jun 2023 11:48

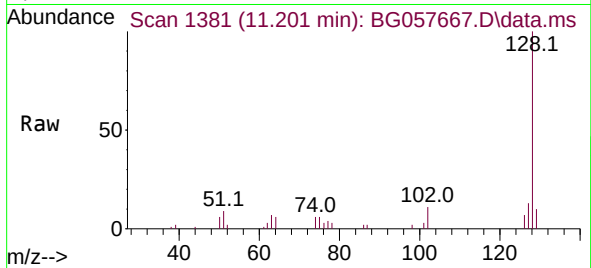
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 8139  |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 89.6  | 79.6  | 119.4 |
| 145       | 24.9  | 24.3  | 36.5  |





#31  
Naphthalene  
Concen: 10.381 ng  
RT: 11.201 min Scan# 1128  
Delta R.T. -0.002 min  
Lab File: BG057667.D  
Acq: 8 Jun 2023 11:48

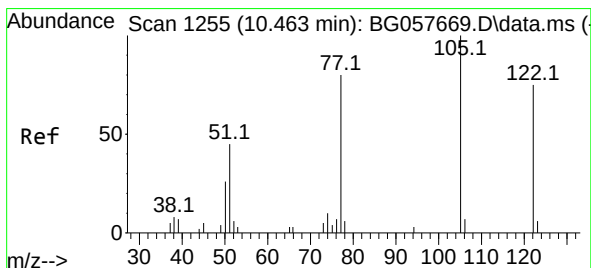
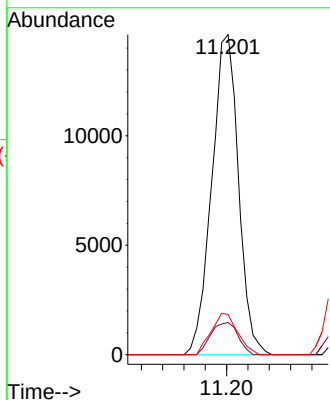
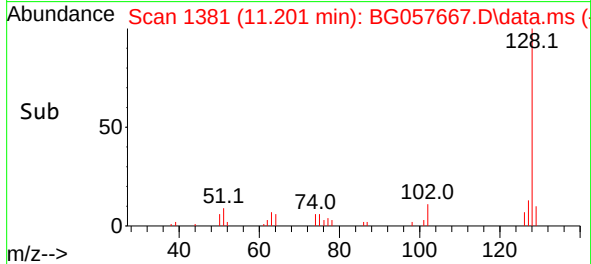
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



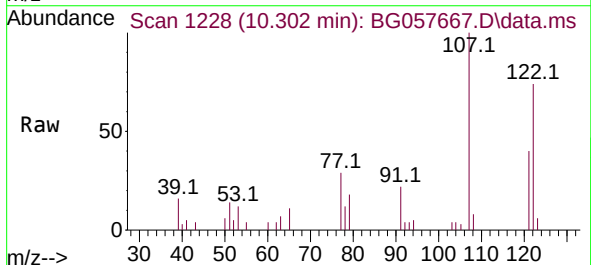
Tgt Ion:128 Resp: 25364  
Ion Ratio Lower Upper  
128 100  
129 10.1 8.7 13.1  
127 12.6 10.5 15.7

Manual Integrations  
APPROVED

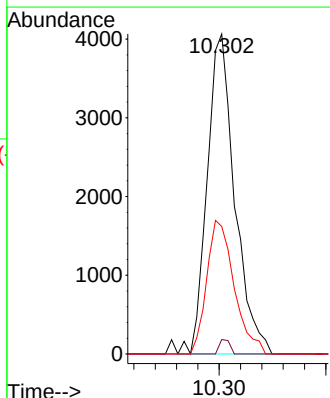
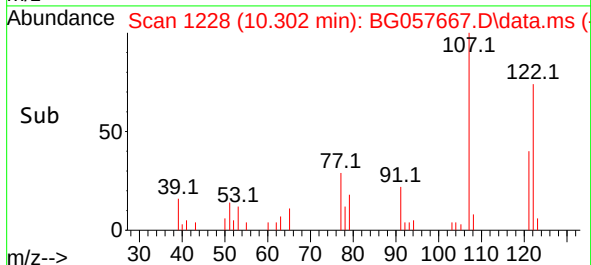
Reviewed By :Yogesh Patel 06/09/2023  
Supervised By :mohammad ahmed 06/13/2023

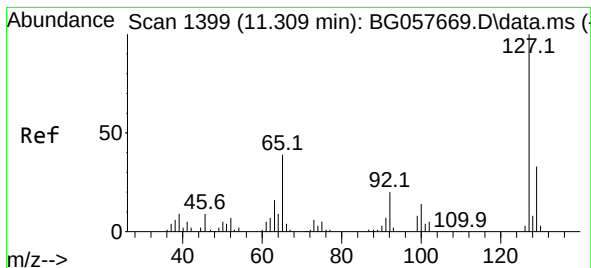


#32  
Benzoic acid  
Concen: 20.224 ng  
RT: 10.302 min Scan# 1228  
Delta R.T. -0.161 min  
Lab File: BG057667.D  
Acq: 8 Jun 2023 11:48



Tgt Ion:122 Resp: 7297  
Ion Ratio Lower Upper  
122 100  
105 4.5 113.5 153.5#  
77 39.9 87.0 127.0#





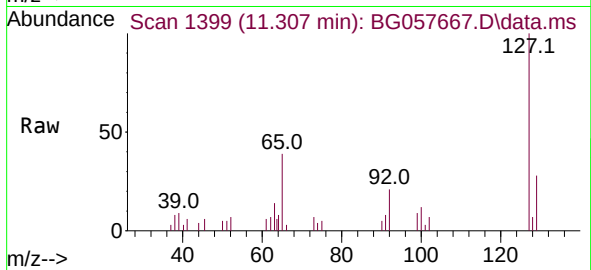
#33  
4-Chloroaniline  
Concen: 10.906 ng  
RT: 11.307 min Scan# 11399  
Delta R.T. -0.002 min  
Lab File: BG057667.D  
Acq: 8 Jun 2023 11:48

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010



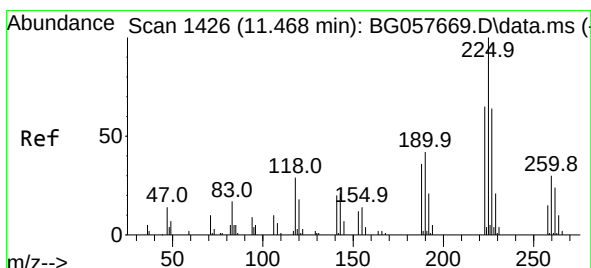
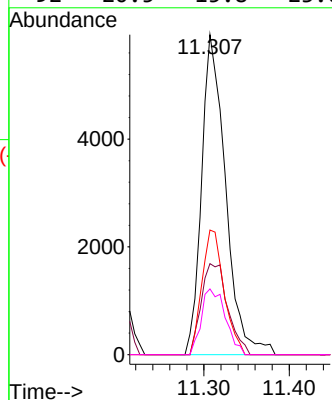
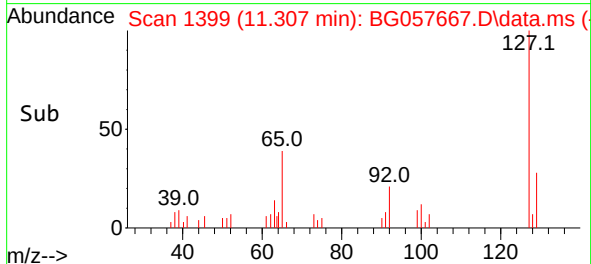
Tgt Ion:127 Resp: 11598  
Ion Ratio Lower Upper  
127 100  
129 28.4 26.0 39.0  
65 39.0 30.9 46.3  
92 20.5 15.8 23.6

Manual Integrations

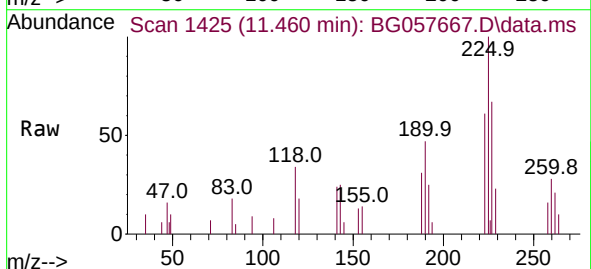
APPROVED

Reviewed By :Yogesh Patel 06/09/2023

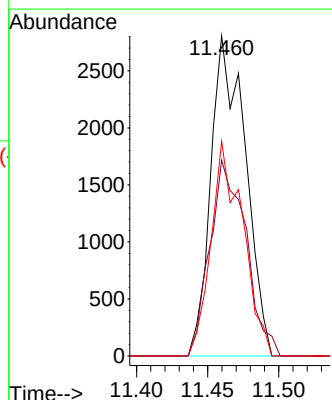
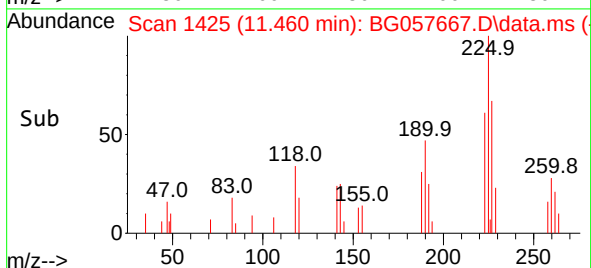
Supervised By :mohammad ahmed 06/13/2023

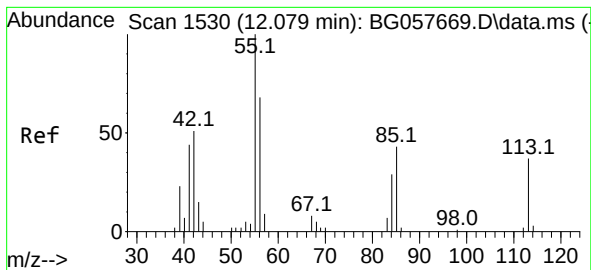


#34  
Hexachlorobutadiene  
Concen: 8.486 ng  
RT: 11.460 min Scan# 1425  
Delta R.T. -0.008 min  
Lab File: BG057667.D  
Acq: 8 Jun 2023 11:48



Tgt Ion:225 Resp: 4733  
Ion Ratio Lower Upper  
225 100  
223 61.2 52.3 78.5  
227 67.1 51.2 76.8





#35

Caprolactam

Concen: 8.017 ng

RT: 12.059 min Scan# 11

Delta R.T. -0.020 min

Lab File: BG057667.D

Acq: 8 Jun 2023 11:48

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

Tgt Ion:113 Resp: 167

Ion Ratio Lower Upper

113 100

55 244.5 251.8 291.8

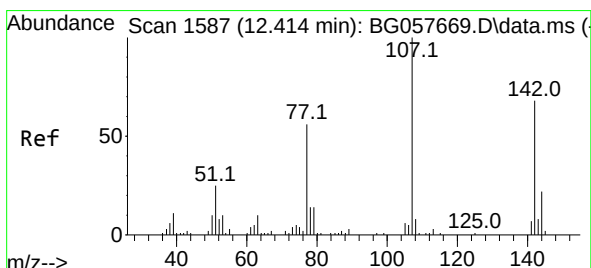
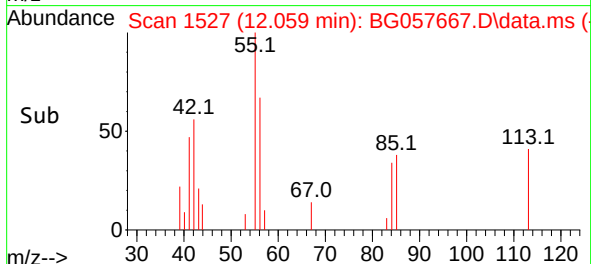
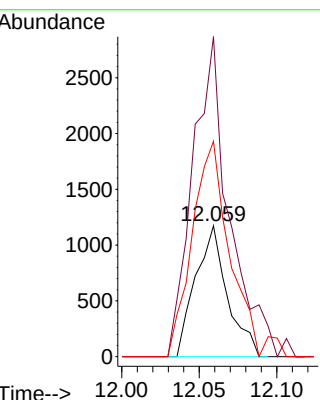
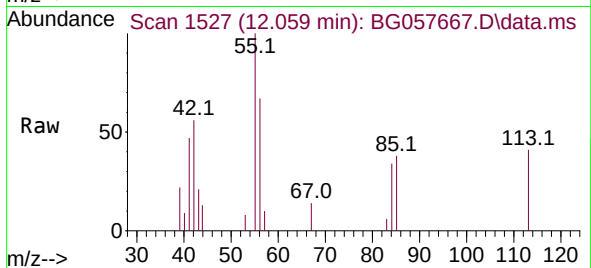
56 164.5 164.9 204.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/09/2023

Supervised By :mohammad ahmed 06/13/2023



#36

4-Chloro-3-methylphenol

Concen: 6.639 ng

RT: 12.418 min Scan# 1588

Delta R.T. 0.004 min

Lab File: BG057667.D

Acq: 8 Jun 2023 11:48

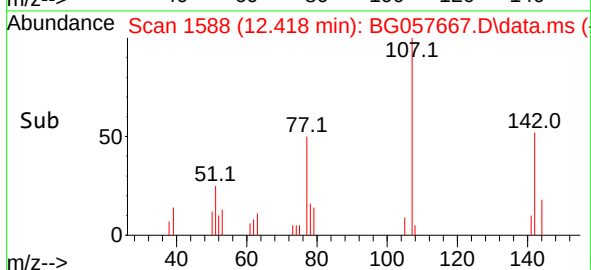
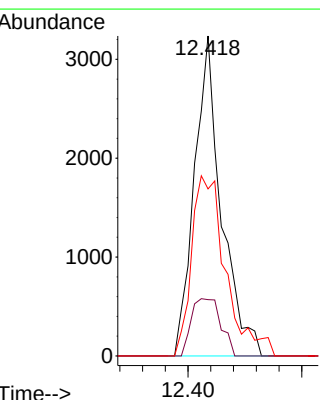
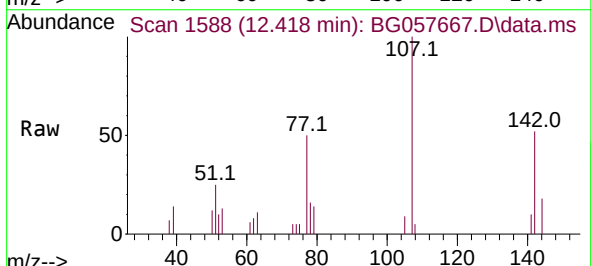
Tgt Ion:107 Resp: 5338

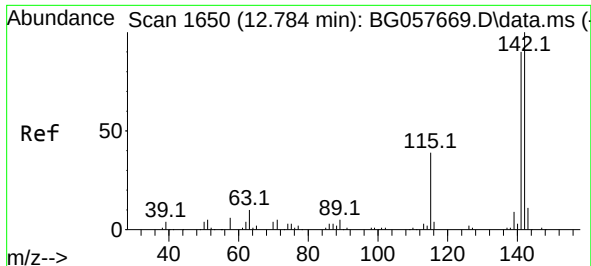
Ion Ratio Lower Upper

107 100

144 17.6 17.5 26.3

142 52.2 54.2 81.4





#37

2-Methylnaphthalene

Concen: 6.685 ng

RT: 12.782 min Scan# 1650

Delta R.T. -0.002 min

Lab File: BG057667.D

Acq: 8 Jun 2023 11:48

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

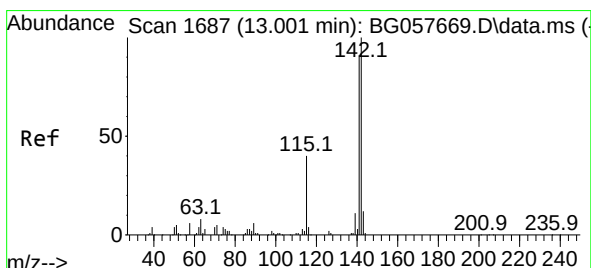
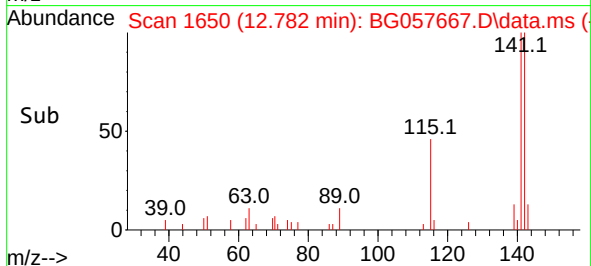
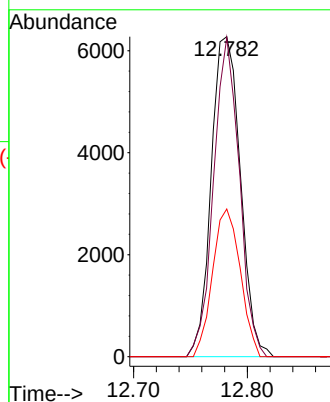
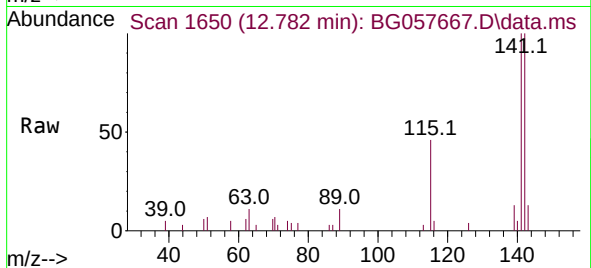
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 11164 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 141       | 99.7  | 71.7  | 107.5 |
| 115       | 46.1  | 31.3  | 46.9  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/09/2023

Supervised By :mohammad ahmed 06/13/2023



#38

1-Methylnaphthalene

Concen: 6.763 ng

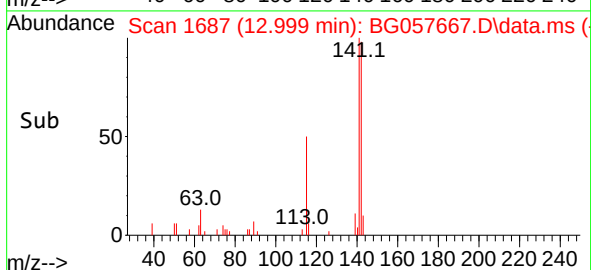
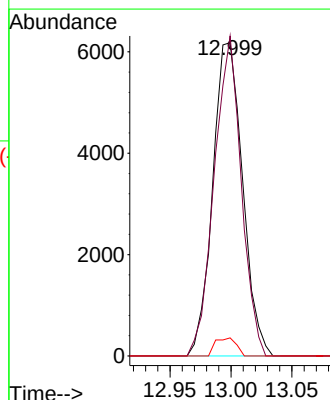
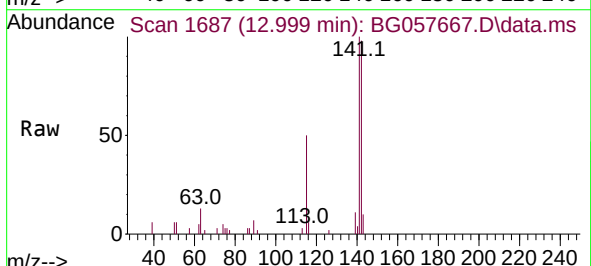
RT: 12.999 min Scan# 1687

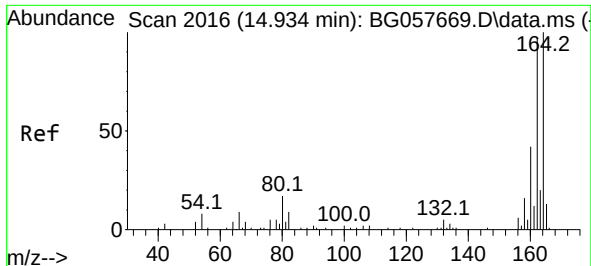
Delta R.T. -0.002 min

Lab File: BG057667.D

Acq: 8 Jun 2023 11:48

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 10531 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 141       | 102.1 | 72.5  | 108.7 |
| 116       | 5.8   | 3.1   | 4.7#  |





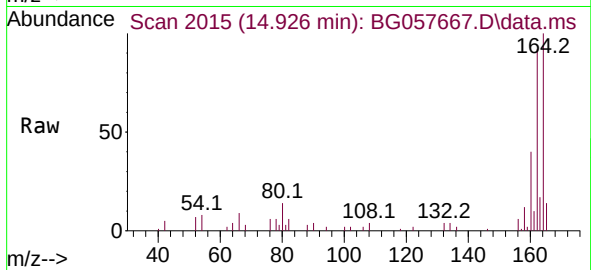
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.926 min Scan# 2016  
Delta R.T. -0.008 min  
Lab File: BG057667.D  
Acq: 8 Jun 2023 11:48

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010



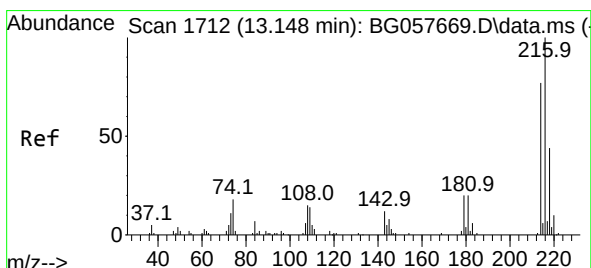
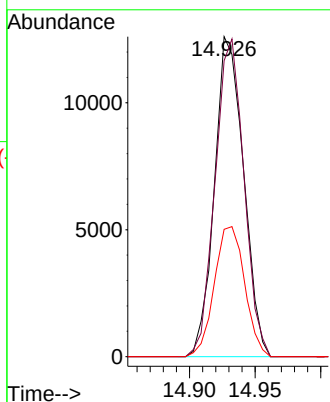
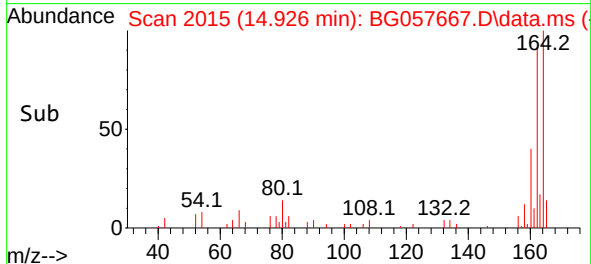
Tgt Ion:164 Resp: 19439  
Ion Ratio Lower Upper  
164 100  
162 92.5 77.8 116.6  
160 39.8 33.7 50.5

Manual Integrations

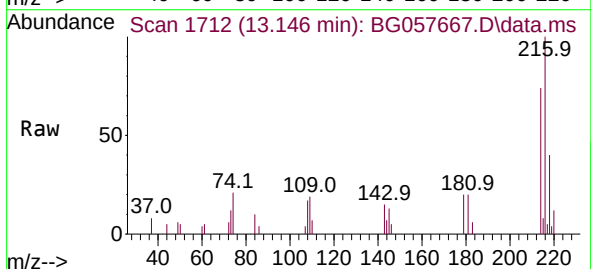
APPROVED

Reviewed By :Yogesh Patel 06/09/2023

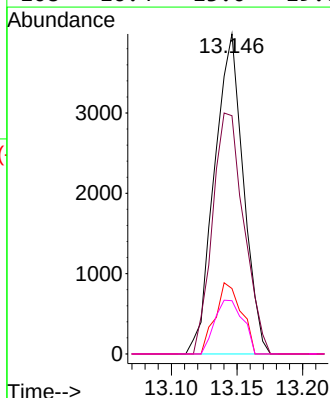
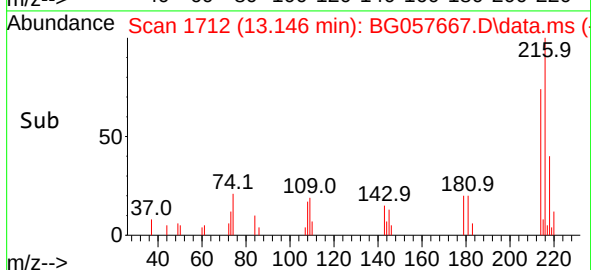
Supervised By :mohammad ahmed 06/13/2023

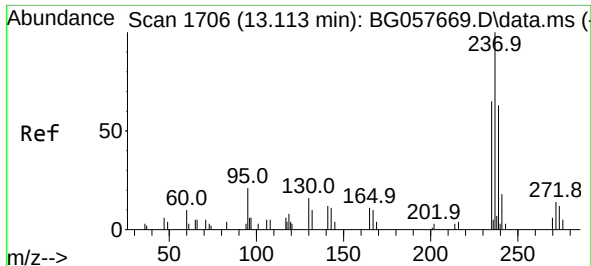


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 9.759 ng  
RT: 13.146 min Scan# 1712  
Delta R.T. -0.002 min  
Lab File: BG057667.D  
Acq: 8 Jun 2023 11:48



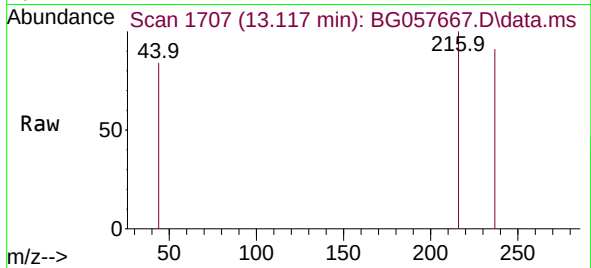
Tgt Ion:216 Resp: 6116  
Ion Ratio Lower Upper  
216 100  
214 81.3 63.1 94.7  
179 20.0 15.5 23.3  
108 16.4 13.0 19.6





#41  
Hexachlorocyclopentadiene  
Concen: 11.648 ng  
RT: 13.117 min Scan# 11  
Delta R.T. 0.004 min  
Lab File: BG057667.D  
Acq: 8 Jun 2023 11:48

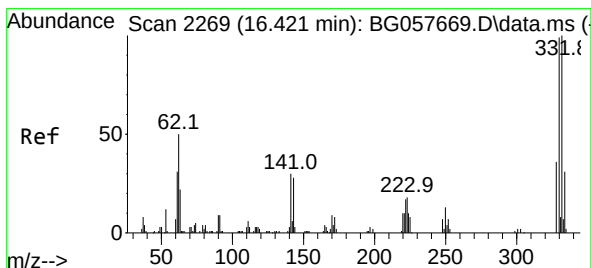
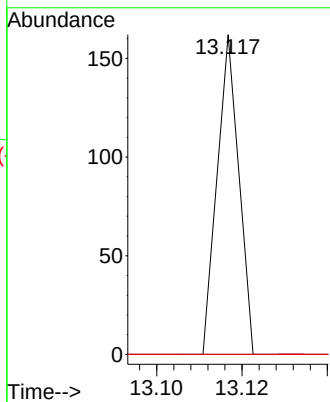
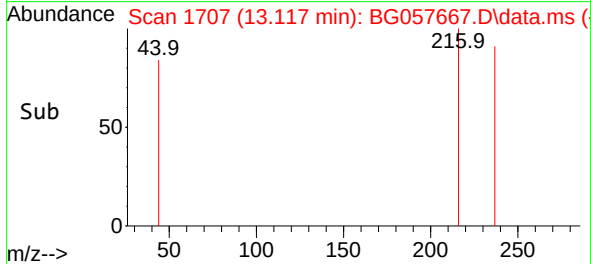
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



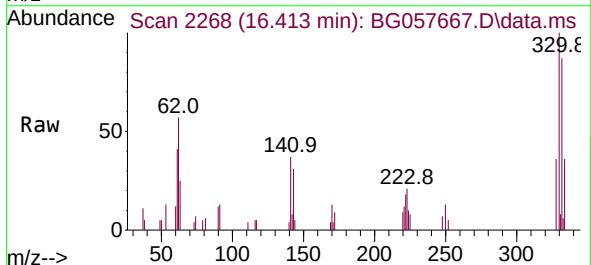
Tgt Ion:237 Resp: 5  
Ion Ratio Lower Upper  
237 100  
235 0.0 44.6 84.6  
272 0.0 0.0 33.6

Manual Integrations  
APPROVED

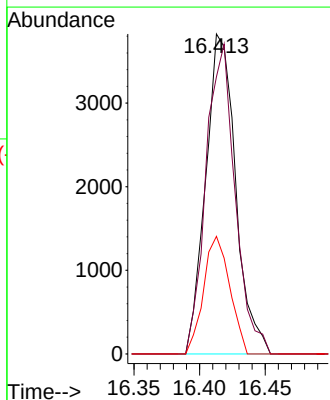
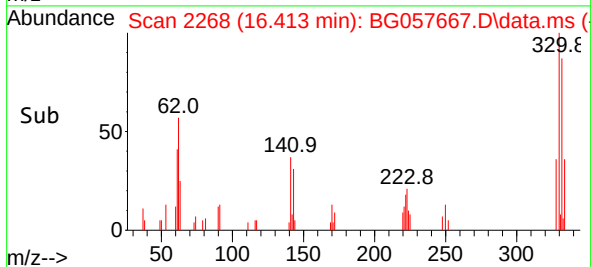
Reviewed By :Yogesh Patel 06/09/2023  
Supervised By :mohammad ahmed 06/13/2023



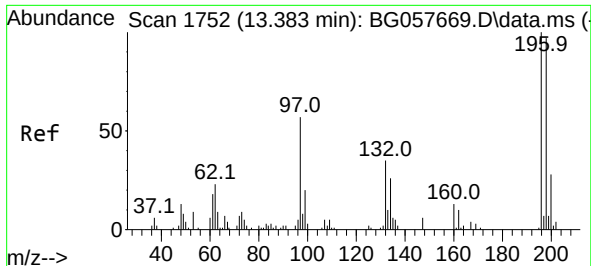
#42  
2,4,6-Tribromophenol  
Concen: 21.297 ng  
RT: 16.413 min Scan# 2268  
Delta R.T. -0.008 min  
Lab File: BG057667.D  
Acq: 8 Jun 2023 11:48



Tgt Ion:330 Resp: 6080  
Ion Ratio Lower Upper  
330 100  
332 94.3 77.2 115.8  
141 32.1 24.6 36.8







#43  
2,4,6-Trichlorophenol  
Concen: 9.338 ng m  
RT: 13.381 min Scan# 1752  
Delta R.T. -0.002 min  
Lab File: BG057667.D  
Acq: 8 Jun 2023 11:48

Instrument :

BNA\_G

ClientSampleId :

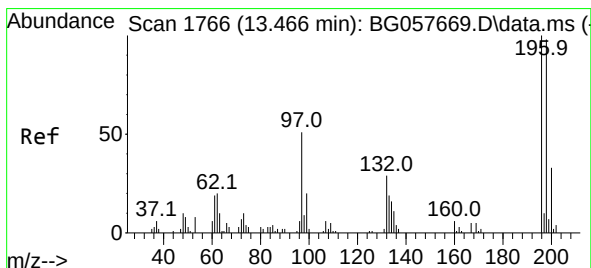
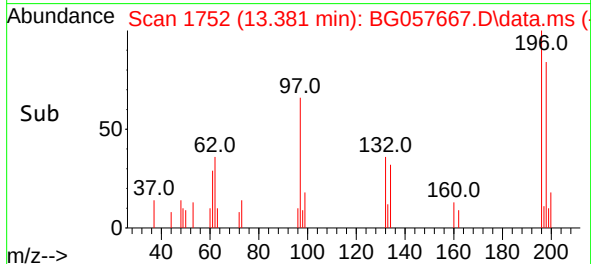
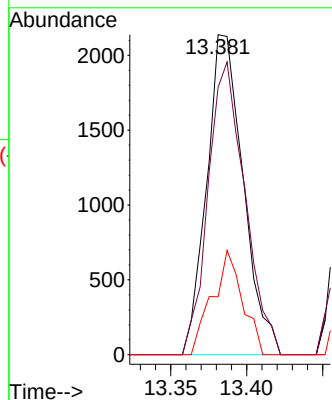
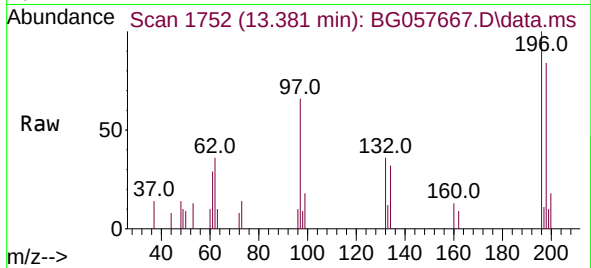
SSTDICC010

Tgt Ion:196 Resp: 3582  
Ion Ratio Lower Upper  
196 100  
198 83.6 77.8 116.6  
200 18.1 22.7 34.1

Manual Integrations

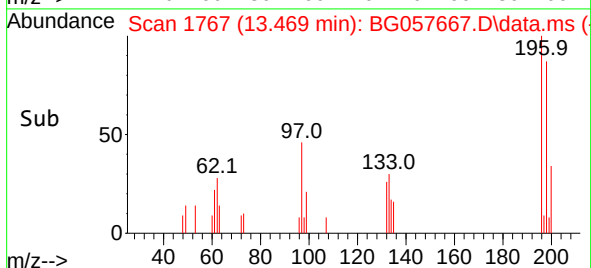
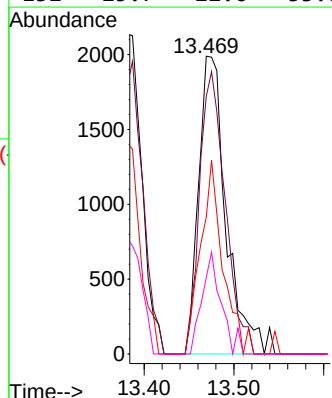
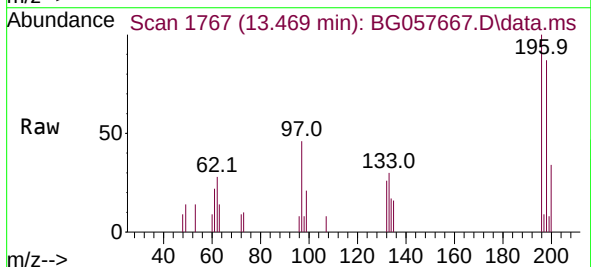
APPROVED

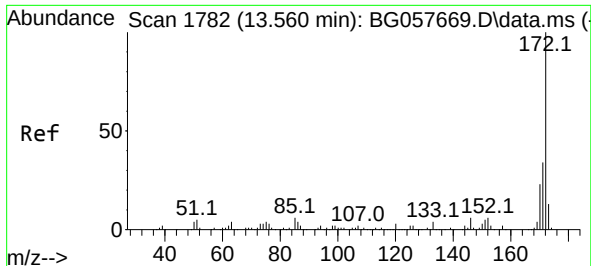
Reviewed By :Yogesh Patel 06/09/2023  
Supervised By :mohammad ahmed 06/13/2023



#44  
2,4,5-Trichlorophenol  
Concen: 9.479 ng  
RT: 13.469 min Scan# 1767  
Delta R.T. 0.004 min  
Lab File: BG057667.D  
Acq: 8 Jun 2023 11:48

Tgt Ion:196 Resp: 4249  
Ion Ratio Lower Upper  
196 100  
198 86.5 78.2 117.2  
97 46.0 40.7 61.1  
132 25.7 22.6 33.8





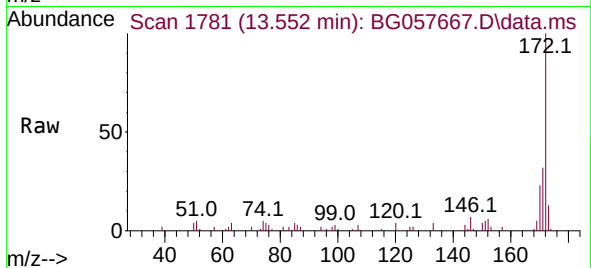
#45  
2-Fluorobiphenyl  
Concen: 20.655 ng  
RT: 13.552 min Scan# 1781  
Delta R.T. -0.008 min  
Lab File: BG057667.D  
Acq: 8 Jun 2023 11:48

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

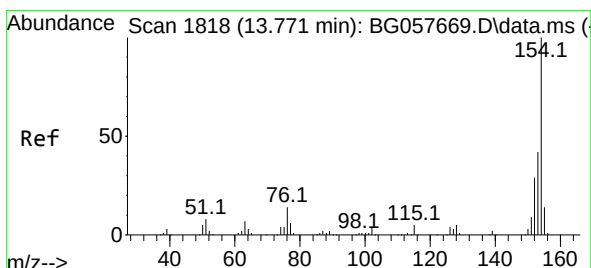
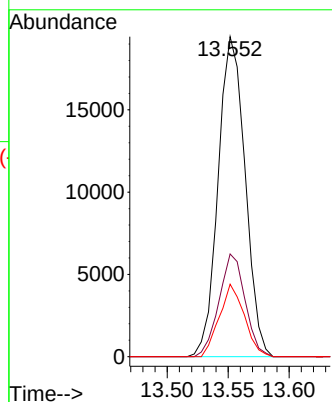
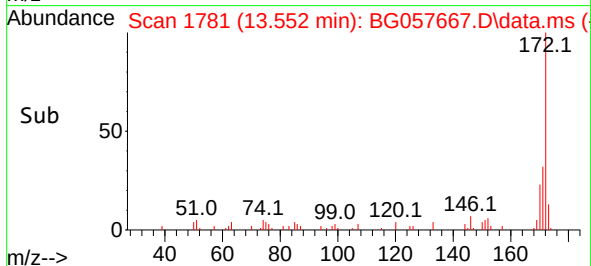


Tgt Ion:172 Resp: 29919  
Ion Ratio Lower Upper  
172 100  
171 32.1 27.6 41.4  
170 22.6 18.7 28.1

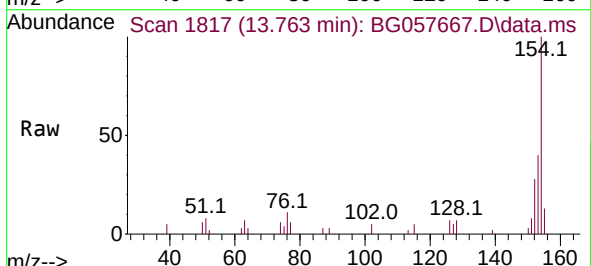
Manual Integrations

APPROVED

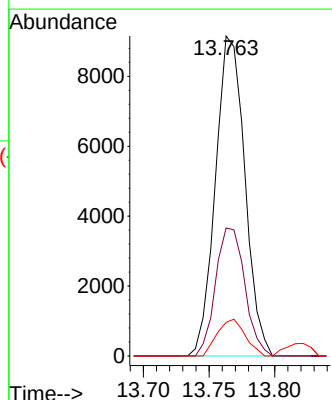
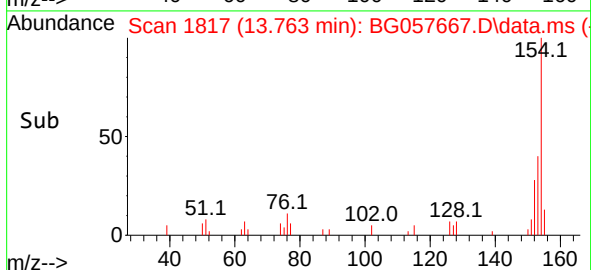
Reviewed By :Yogesh Patel 06/09/2023  
Supervised By :mohammad ahmed 06/13/2023

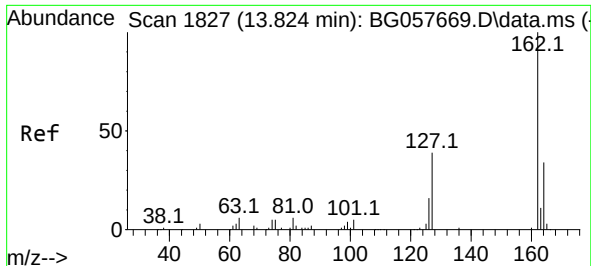


#46  
1,1'-Biphenyl  
Concen: 9.910 ng  
RT: 13.763 min Scan# 1817  
Delta R.T. -0.008 min  
Lab File: BG057667.D  
Acq: 8 Jun 2023 11:48



Tgt Ion:154 Resp: 14253  
Ion Ratio Lower Upper  
154 100  
153 40.0 21.9 61.9  
76 10.5 0.0 33.8





#47  
2-Chloronaphthalene  
Concen: 10.123 ng  
RT: 13.822 min Scan# 1827  
Delta R.T. -0.002 min  
Lab File: BG057667.D  
Acq: 8 Jun 2023 11:48

Instrument :

BNA\_G

ClientSampleId :

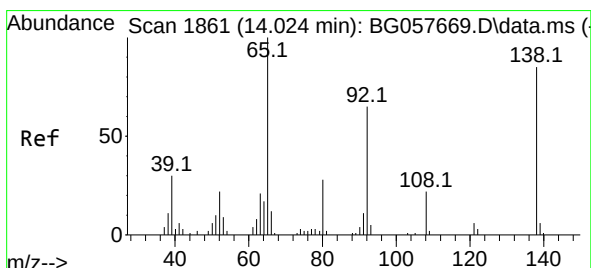
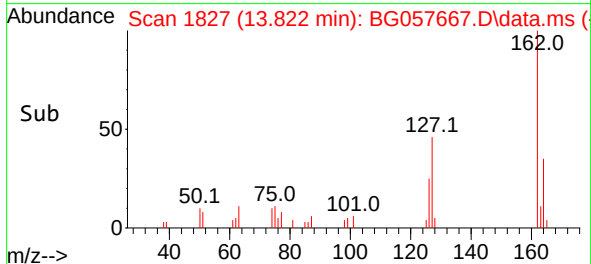
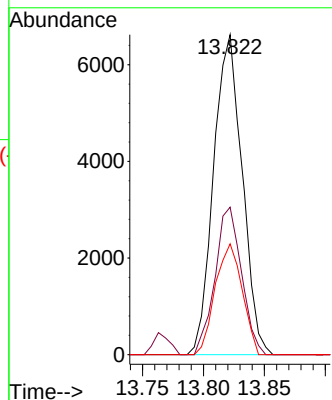
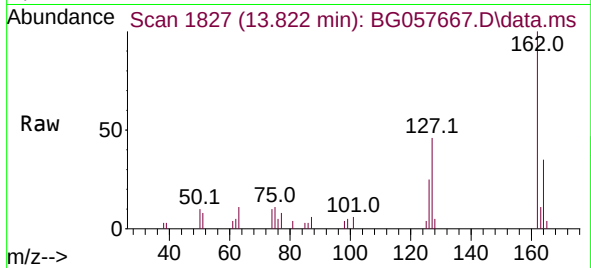
SSTDICC010

Tgt Ion:162 Resp: 1081  
Ion Ratio Lower Upper  
162 100  
127 46.1 34.1 51.1  
164 34.7 26.8 40.2

Manual Integrations

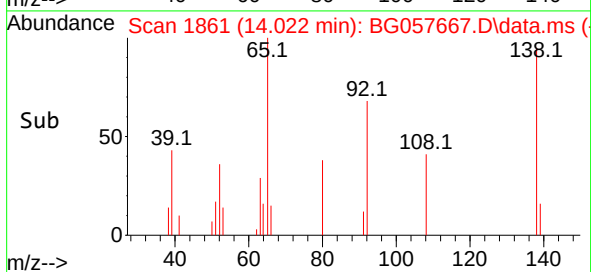
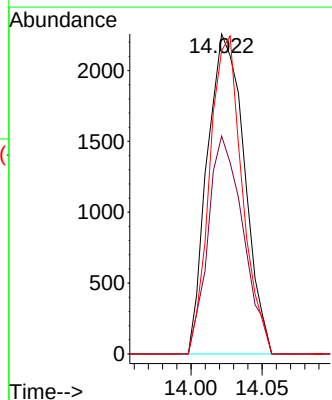
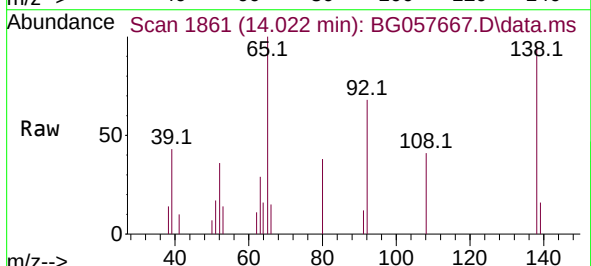
APPROVED

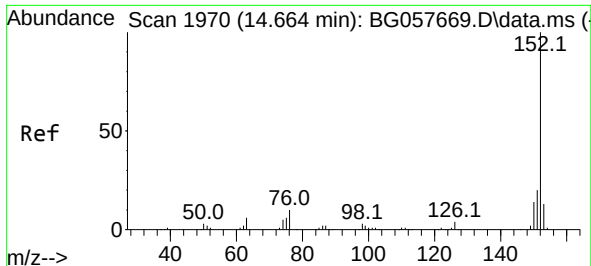
Reviewed By :Yogesh Patel 06/09/2023  
Supervised By :mohammad ahmed 06/13/2023



#48  
2-Nitroaniline  
Concen: 9.349 ng  
RT: 14.022 min Scan# 1861  
Delta R.T. -0.002 min  
Lab File: BG057667.D  
Acq: 8 Jun 2023 11:48

Tgt Ion: 65 Resp: 4083  
Ion Ratio Lower Upper  
65 100  
92 68.1 52.0 78.0  
138 94.9 68.2 102.4





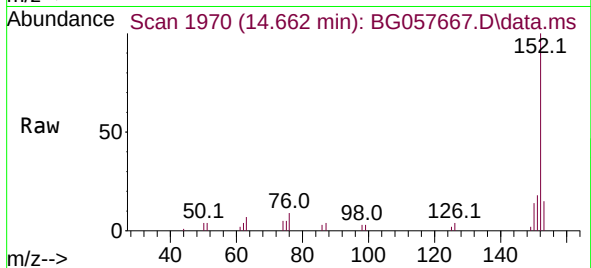
#49  
Acenaphthylene  
Concen: 9.794 ng  
RT: 14.662 min Scan# 1970  
Delta R.T. -0.002 min  
Lab File: BG057667.D  
Acq: 8 Jun 2023 11:48

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

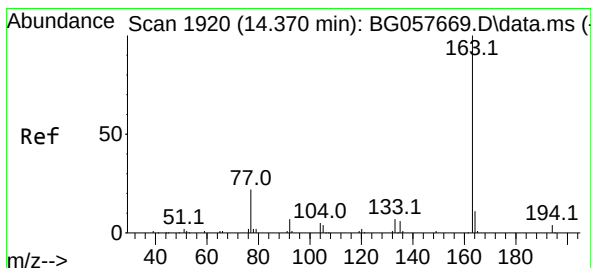
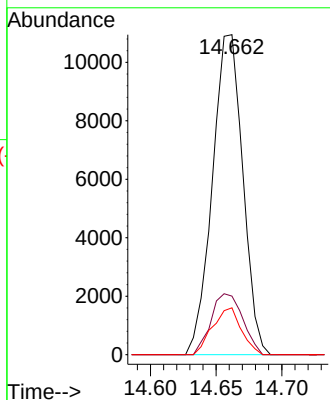
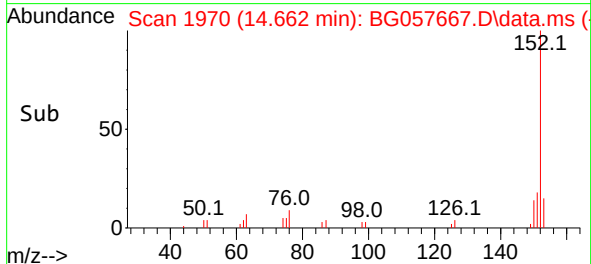


Tgt Ion:152 Resp: 17652  
Ion Ratio Lower Upper  
152 100  
151 18.3 16.0 24.0  
153 14.7 10.5 15.7

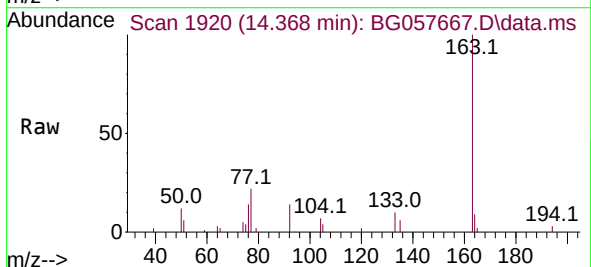
Manual Integrations

APPROVED

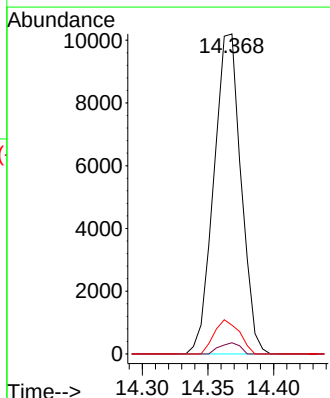
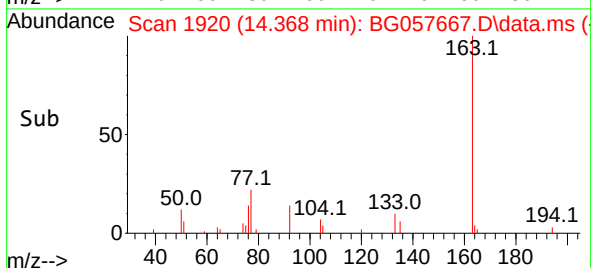
Reviewed By :Yogesh Patel 06/09/2023  
Supervised By :mohammad ahmed 06/13/2023

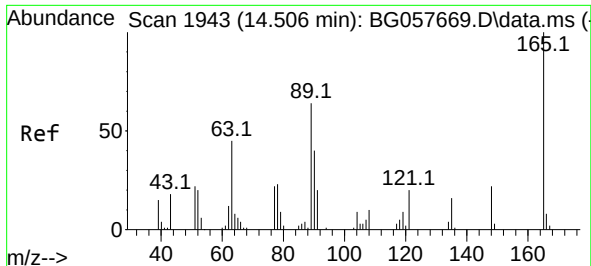


#50  
Dimethylphthalate  
Concen: 9.878 ng  
RT: 14.368 min Scan# 1920  
Delta R.T. -0.002 min  
Lab File: BG057667.D  
Acq: 8 Jun 2023 11:48



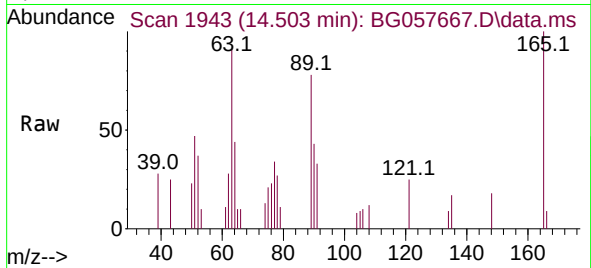
Tgt Ion:163 Resp: 14701  
Ion Ratio Lower Upper  
163 100  
194 3.5 2.9 4.3  
164 9.0 9.1 13.7#





#51  
2,6-Dinitrotoluene  
Concen: 9.397 ng  
RT: 14.503 min Scan# 1943  
Delta R.T. -0.002 min  
Lab File: BG057667.D  
Acq: 8 Jun 2023 11:48

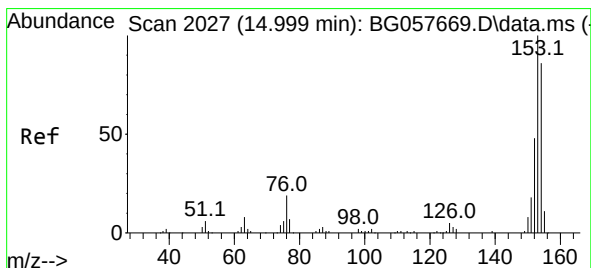
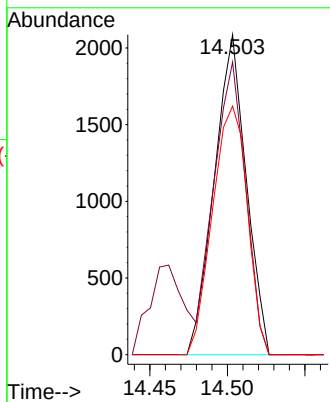
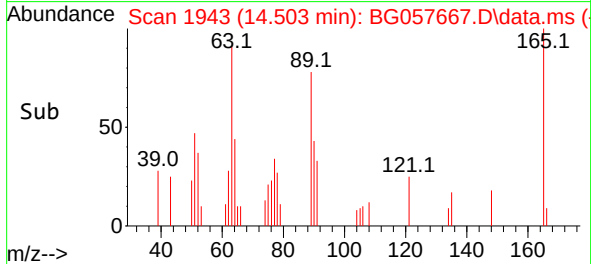
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



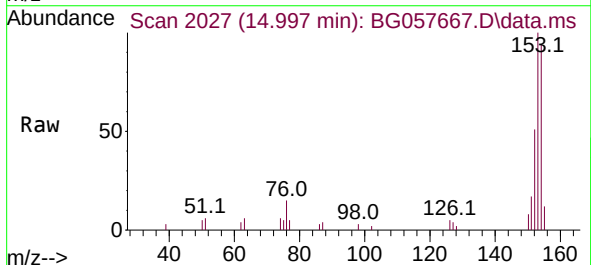
Tgt Ion:165 Resp: 298  
Ion Ratio Lower Upper  
165 100  
63 91.5 53.4 80.2  
89 77.7 51.5 77.3

Manual Integrations  
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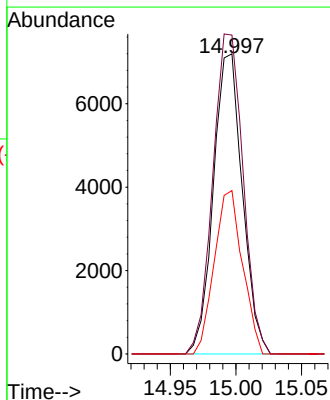
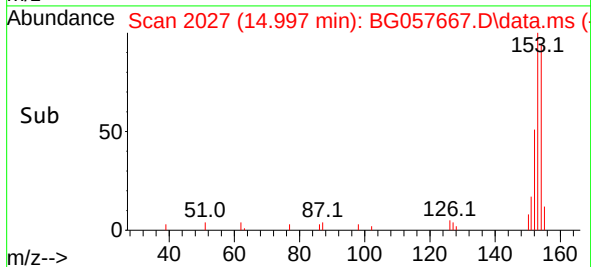
Reviewed By :Yogesh Patel 06/09/2023  
Supervised By :mohammad ahmed 06/13/2023

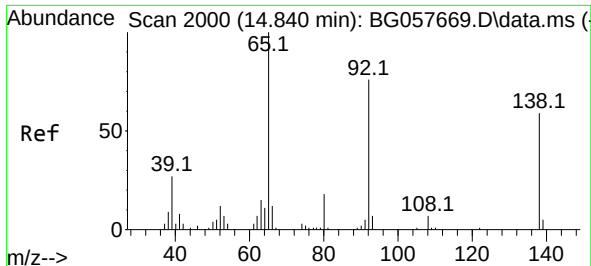


#52  
Acenaphthene  
Concen: 10.415 ng  
RT: 14.997 min Scan# 2027  
Delta R.T. -0.002 min  
Lab File: BG057667.D  
Acq: 8 Jun 2023 11:48



Tgt Ion:154 Resp: 11056  
Ion Ratio Lower Upper  
154 100  
153 106.3 92.6 139.0  
152 54.4 44.6 67.0





#53  
3-Nitroaniline  
Concen: 9.332 ng  
RT: 14.838 min Scan# 2000  
Delta R.T. -0.002 min  
Lab File: BG057667.D  
Acq: 8 Jun 2023 11:48

Instrument :

BNA\_G

ClientSampleId :

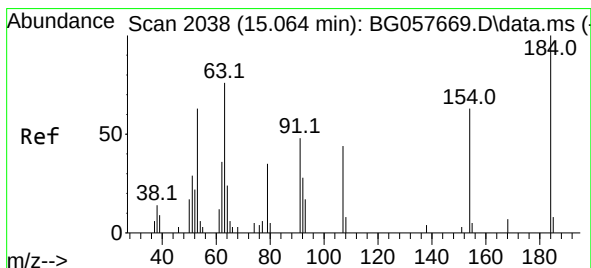
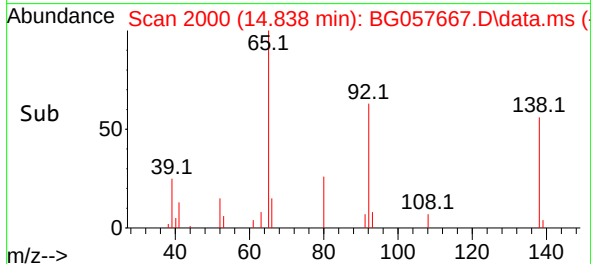
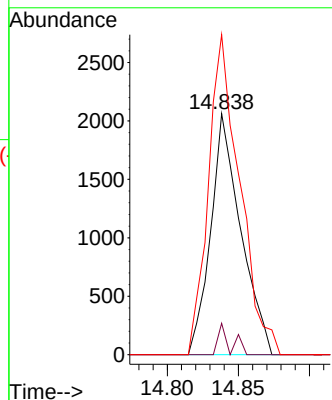
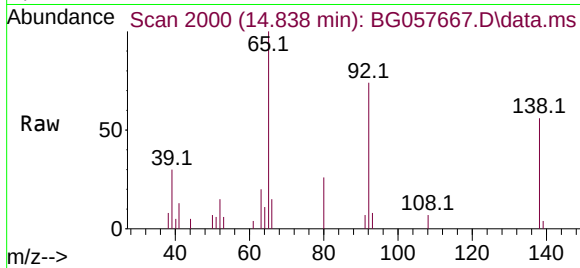
SSTDICC010

Tgt Ion:138 Resp: 3029  
Ion Ratio Lower Upper  
138 100  
108 13.0 9.4 14.0  
92 132.8 103.8 155.8

Manual Integrations

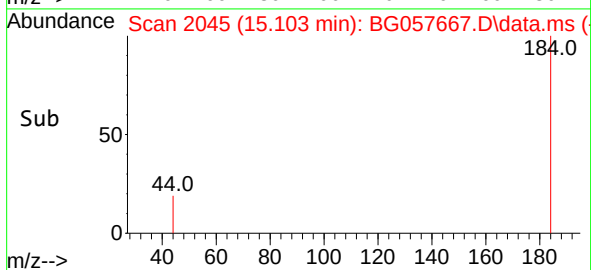
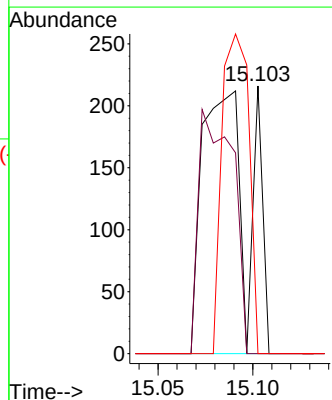
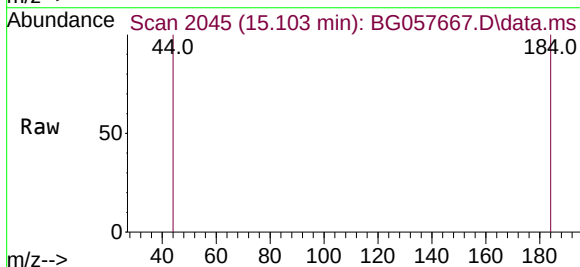
APPROVED

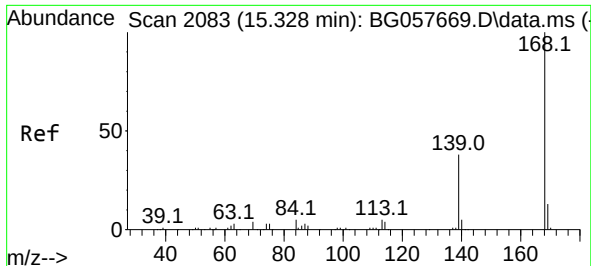
Reviewed By :Yogesh Patel 06/09/2023  
Supervised By :mohammad ahmed 06/13/2023



#54  
2,4-Dinitrophenol  
Concen: 2.969 ng  
RT: 15.103 min Scan# 2045  
Delta R.T. 0.039 min  
Lab File: BG057667.D  
Acq: 8 Jun 2023 11:48

Tgt Ion:184 Resp: 358  
Ion Ratio Lower Upper  
184 100  
63 0.0 60.7 91.1#  
154 0.0 57.6 86.4#





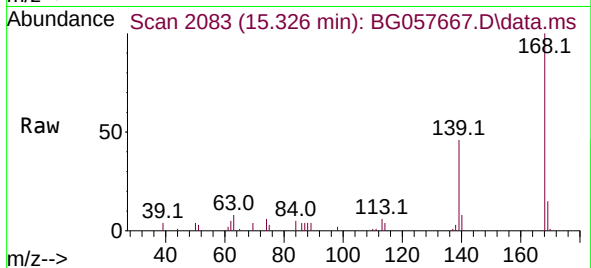
#55  
Dibenzenofuran  
Concen: 10.483 ng  
RT: 15.326 min Scan# 2083  
Delta R.T. -0.002 min  
Lab File: BG057667.D  
Acq: 8 Jun 2023 11:48

Instrument :

BNA\_G

ClientSampleId :

SSTDIC010

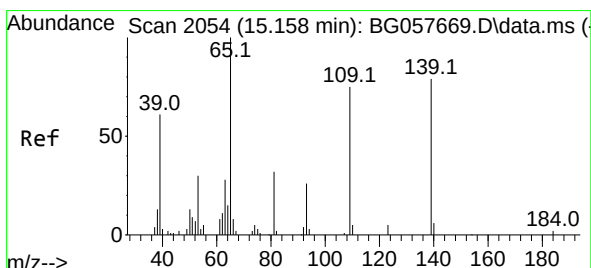
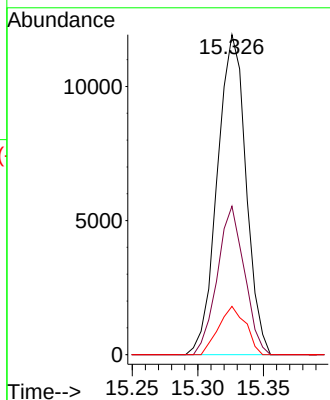
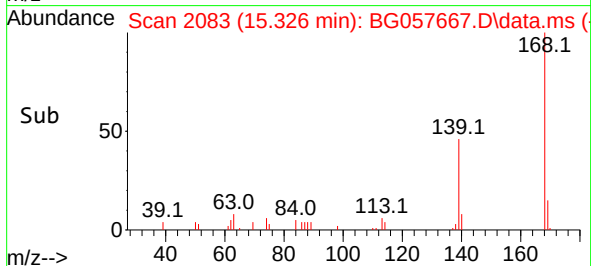


Tgt Ion:168 Resp: 18098  
Ion Ratio Lower Upper  
168 100  
139 46.4 30.7 46.1  
169 15.1 10.7 16.1

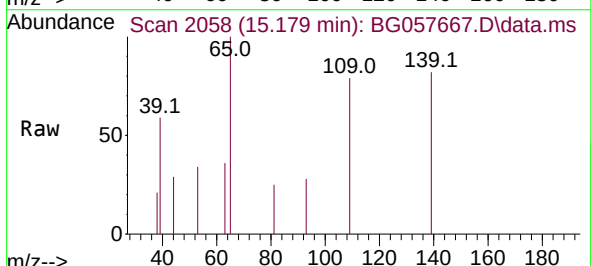
Manual Integrations

APPROVED

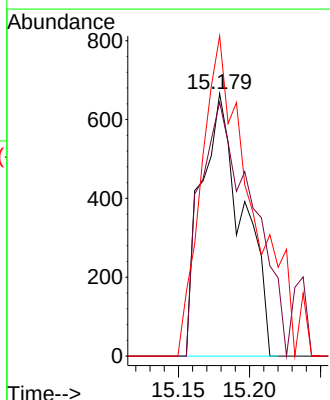
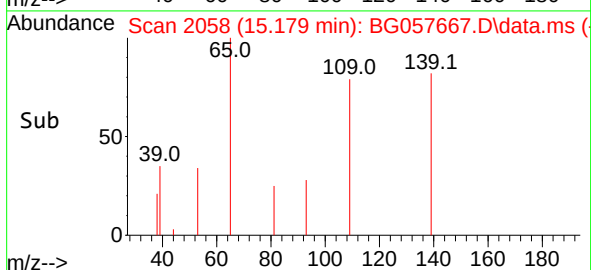
Reviewed By :Yogesh Patel 06/09/2023  
Supervised By :mohammad ahmed 06/13/2023

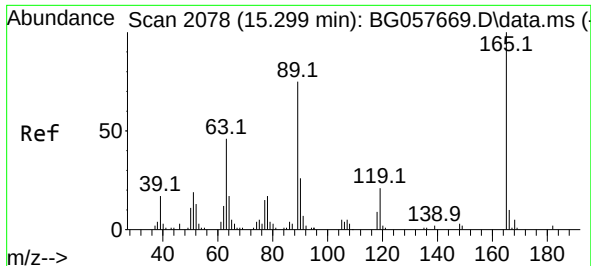


#56  
4-Nitrophenol  
Concen: 7.377 ng  
RT: 15.179 min Scan# 2058  
Delta R.T. 0.021 min  
Lab File: BG057667.D  
Acq: 8 Jun 2023 11:48



Tgt Ion:139 Resp: 1363  
Ion Ratio Lower Upper  
139 100  
109 96.7 74.9 114.9  
65 121.9 106.4 146.4





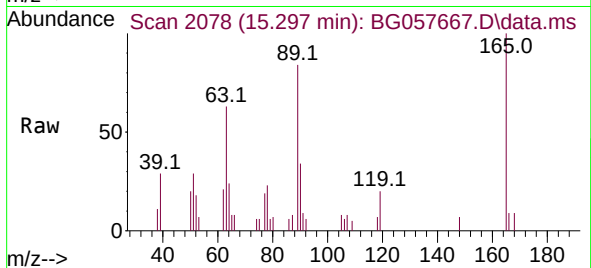
#57  
2,4-Dinitrotoluene  
Concen: 10.286 ng  
RT: 15.297 min Scan# 2078  
Delta R.T. -0.002 min  
Lab File: BG057667.D  
Acq: 8 Jun 2023 11:48

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

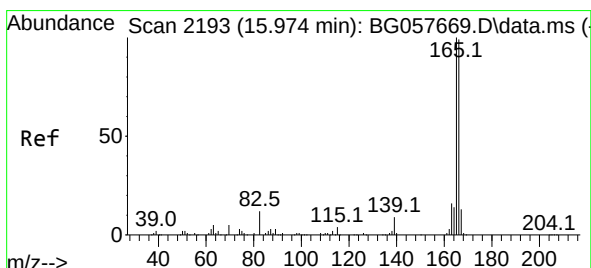
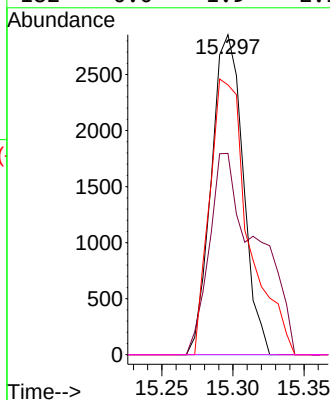
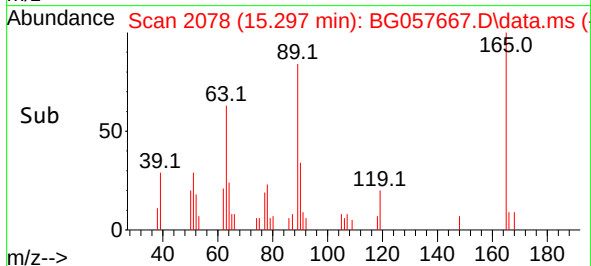


Tgt Ion:165 Resp: 444  
Ion Ratio Lower Upper  
165 100  
63 62.9 37.8 56.8  
89 84.3 60.2 90.2  
182 0.0 1.9 2.9#

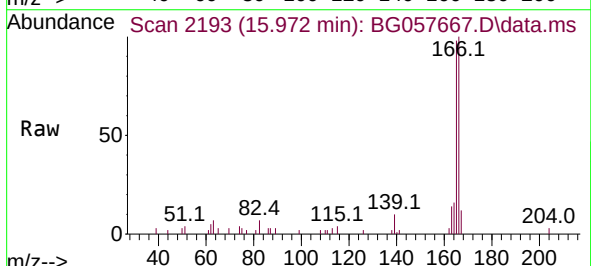
Manual Integrations

APPROVED

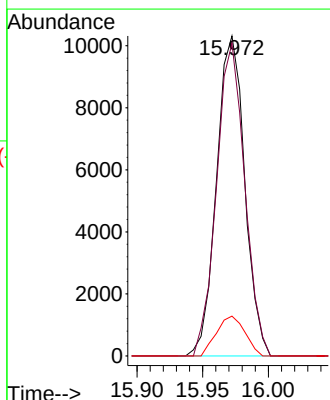
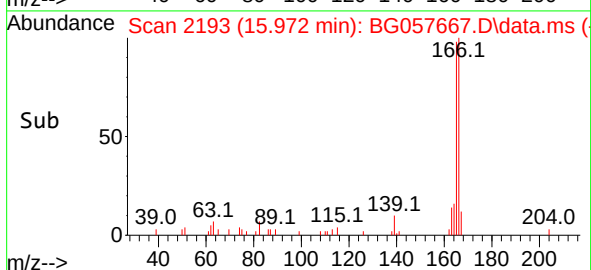
Reviewed By :Yogesh Patel 06/09/2023  
Supervised By :mohammad ahmed 06/13/2023



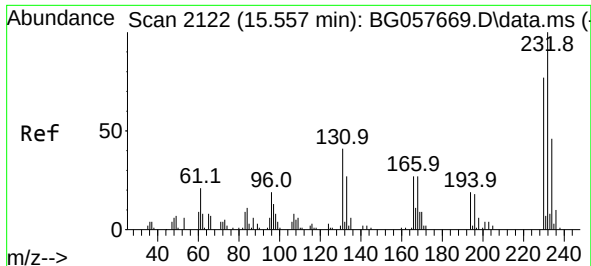
#58  
Fluorene  
Concen: 11.066 ng  
RT: 15.972 min Scan# 2193  
Delta R.T. -0.002 min  
Lab File: BG057667.D  
Acq: 8 Jun 2023 11:48



Tgt Ion:166 Resp: 15386  
Ion Ratio Lower Upper  
166 100  
165 97.8 80.8 121.2  
167 12.5 10.7 16.1







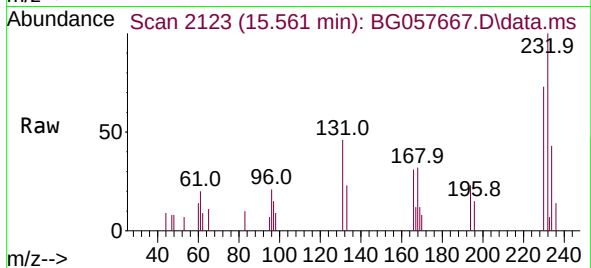
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 10.653 ng  
RT: 15.561 min Scan# 2123  
Delta R.T. 0.004 min  
Lab File: BG057667.D  
Acq: 8 Jun 2023 11:48

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

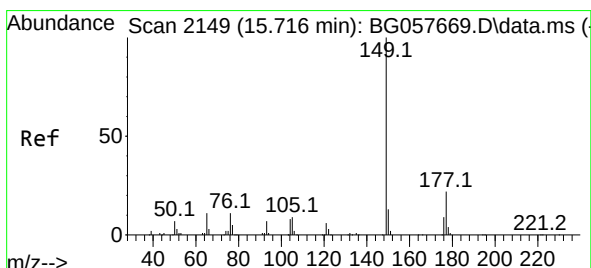
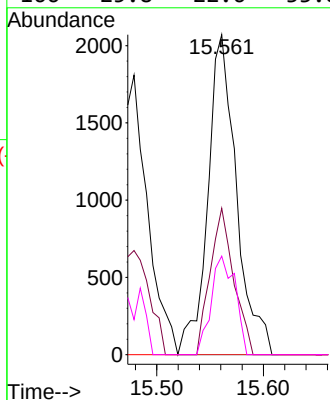
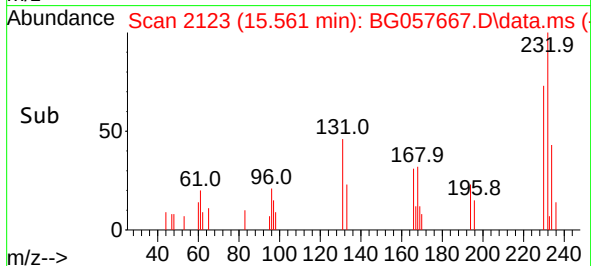


Tgt Ion:232 Resp: 386  
Ion Ratio Lower Upper  
232 100  
131 37.7 32.5 48.7  
130 0.0 1.8 2.6  
166 25.8 22.6 33.8

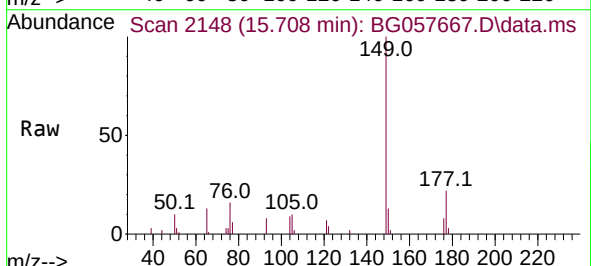
Manual Integrations

APPROVED

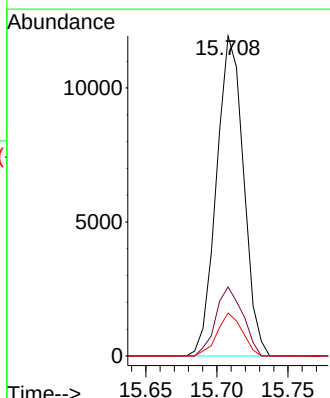
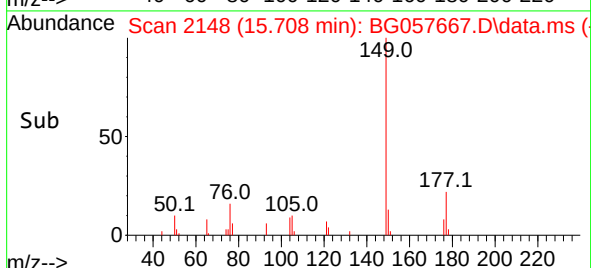
Reviewed By :Yogesh Patel 06/09/2023  
Supervised By :mohammad ahmed 06/13/2023

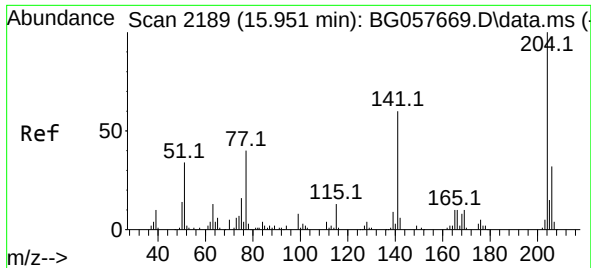


#60  
Diethylphthalate  
Concen: 10.589 ng  
RT: 15.708 min Scan# 2148  
Delta R.T. -0.008 min  
Lab File: BG057667.D  
Acq: 8 Jun 2023 11:48



Tgt Ion:149 Resp: 15802  
Ion Ratio Lower Upper  
149 100  
177 21.6 17.9 26.9  
150 13.4 10.2 15.2





#61  
4-Chlorophenyl-phenylether  
Concen: 10.878 ng  
RT: 15.949 min Scan# 2189  
Delta R.T. -0.002 min  
Lab File: BG057667.D  
Acq: 8 Jun 2023 11:48

Instrument :

BNA\_G

ClientSampleId :

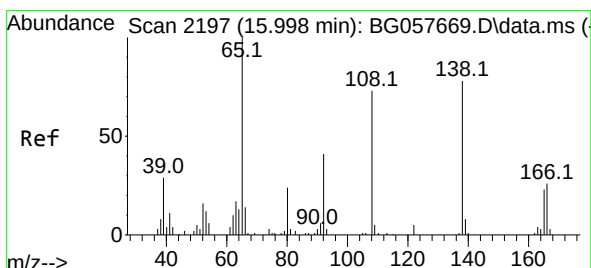
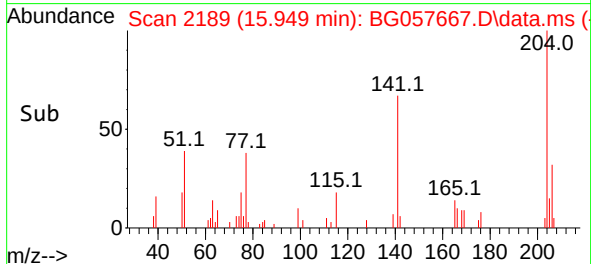
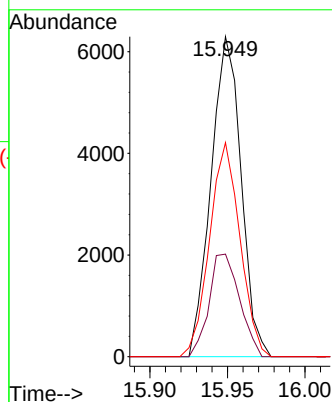
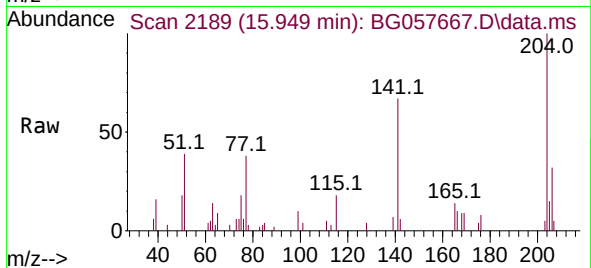
SSTDICC010

Tgt Ion:204 Resp: 8479  
Ion Ratio Lower Upper  
204 100  
206 32.1 25.9 38.9  
141 66.9 48.2 72.4

Manual Integrations

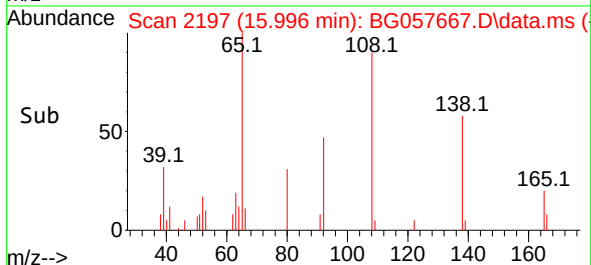
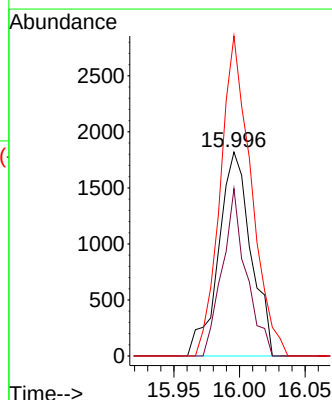
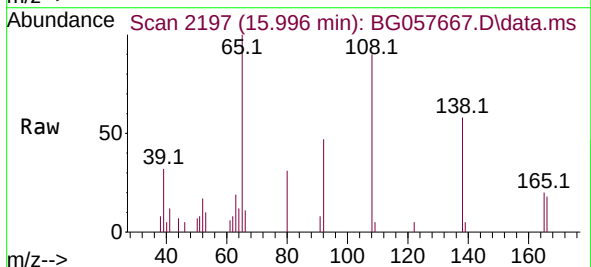
APPROVED

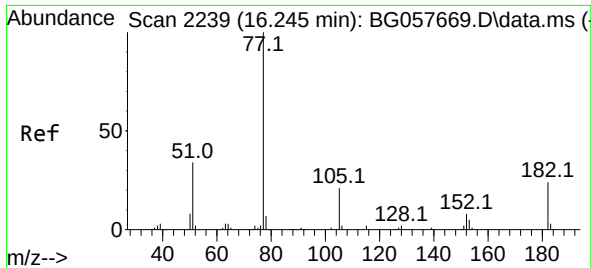
Reviewed By :Yogesh Patel 06/09/2023  
Supervised By :mohammad ahmed 06/13/2023



#62  
4-Nitroaniline  
Concen: 9.741 ng  
RT: 15.996 min Scan# 2197  
Delta R.T. -0.002 min  
Lab File: BG057667.D  
Acq: 8 Jun 2023 11:48

Tgt Ion:138 Resp: 3120  
Ion Ratio Lower Upper  
138 100  
92 82.1 32.7 72.7#  
108 157.0 72.6 112.6#





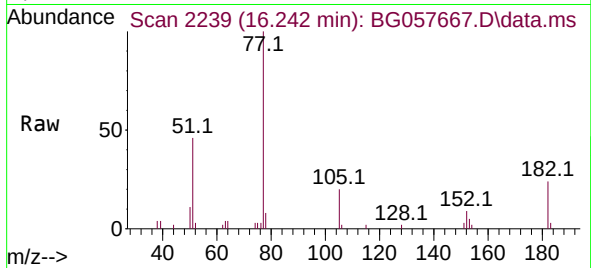
#63  
Azobenzene  
Concen: 10.658 ng  
RT: 16.242 min Scan# 21  
Delta R.T. -0.002 min  
Lab File: BG057667.D  
Acq: 8 Jun 2023 11:48

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

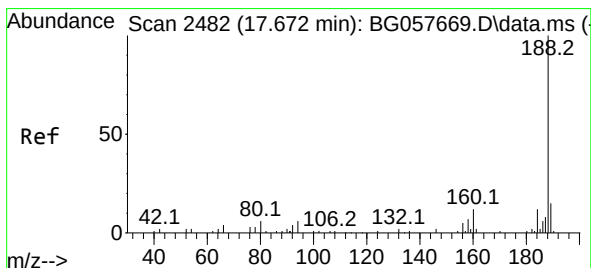
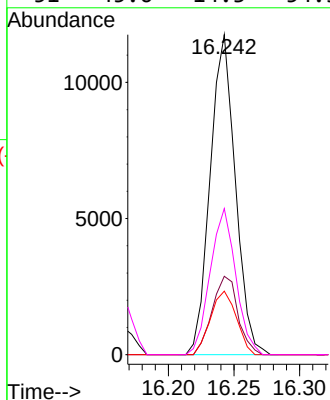
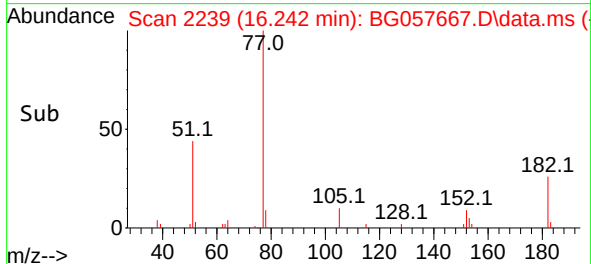


Tgt Ion: 77 Resp: 15670  
Ion Ratio Lower Upper  
77 100  
182 24.5 4.3 44.3  
105 19.9 1.3 41.3  
51 45.6 14.3 54.3

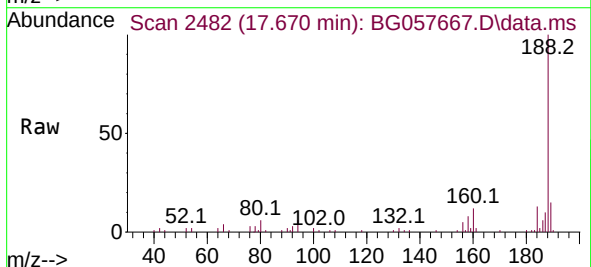
Manual Integrations

APPROVED

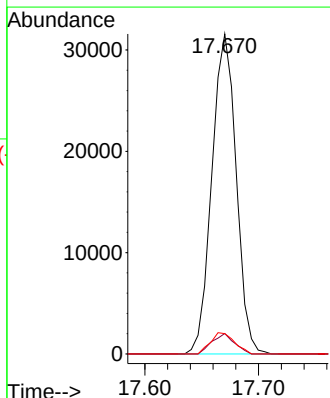
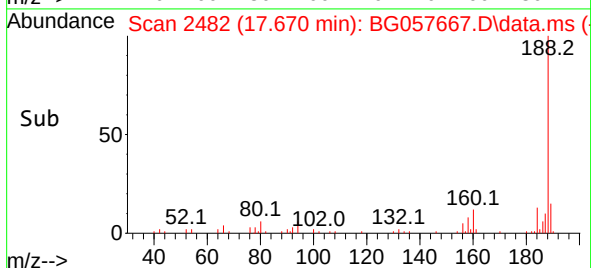
Reviewed By :Yogesh Patel 06/09/2023  
Supervised By :mohammad ahmed 06/13/2023

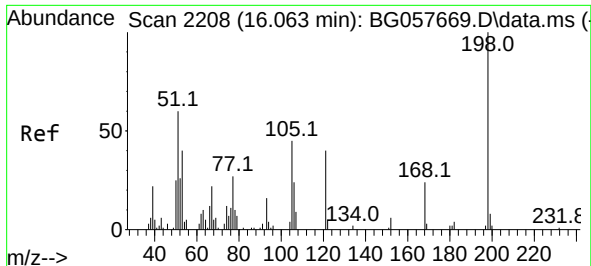


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.670 min Scan# 2482  
Delta R.T. -0.002 min  
Lab File: BG057667.D  
Acq: 8 Jun 2023 11:48



Tgt Ion:188 Resp: 46913  
Ion Ratio Lower Upper  
188 100  
94 6.4 4.5 6.7  
80 6.3 5.0 7.4





#65  
4,6-Dinitro-2-methylphenol  
Concen: 6.255 ng  
RT: 16.072 min Scan# 21  
Delta R.T. 0.009 min  
Lab File: BG057667.D  
Acq: 8 Jun 2023 11:48

Instrument :

BNA\_G

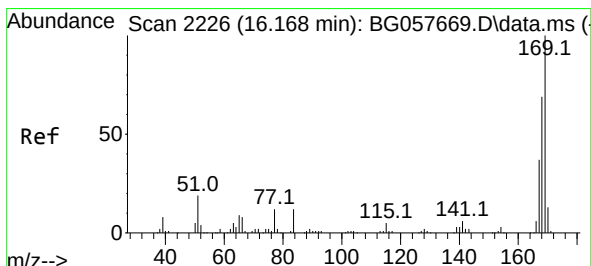
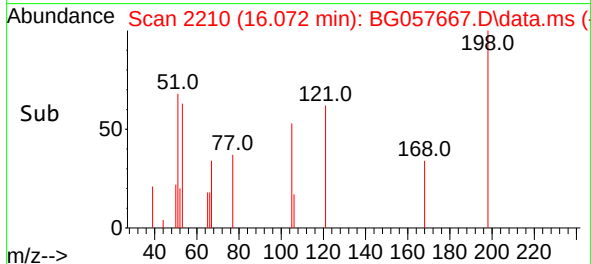
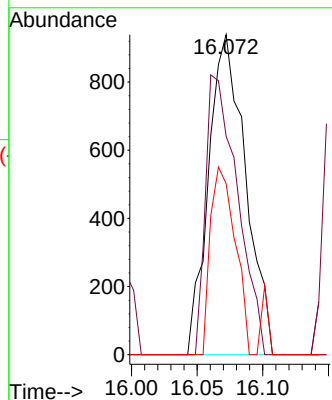
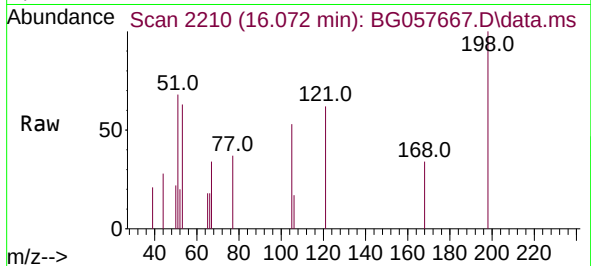
ClientSampleId :

SSTDICC010

Tgt Ion:198 Resp: 184  
Ion Ratio Lower Upper  
198 100  
51 68.3 41.1 81.1  
105 53.5 24.6 64.6

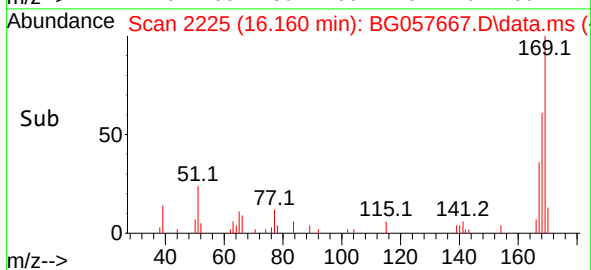
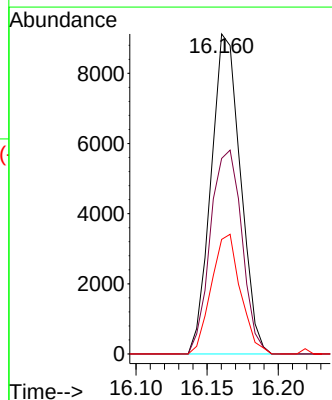
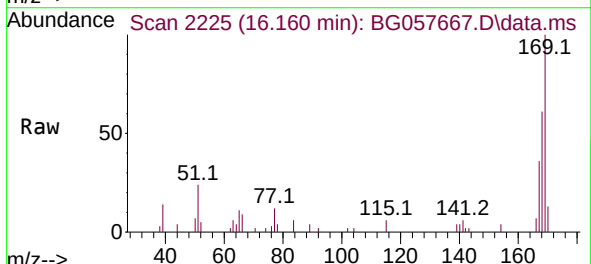
Manual Integrations  
APPROVED

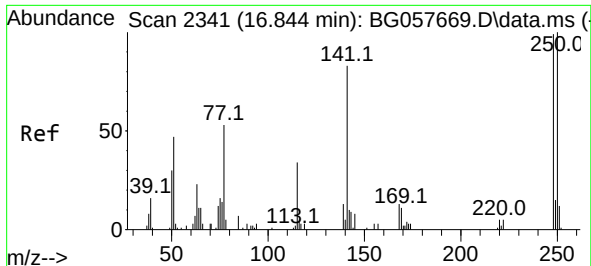
Reviewed By :Yogesh Patel 06/09/2023  
Supervised By :mohammad ahmed 06/13/2023



#66  
n-Nitrosodiphenylamine  
Concen: 8.434 ng  
RT: 16.160 min Scan# 2225  
Delta R.T. -0.008 min  
Lab File: BG057667.D  
Acq: 8 Jun 2023 11:48

Tgt Ion:169 Resp: 13133  
Ion Ratio Lower Upper  
169 100  
168 61.1 55.4 83.2  
167 35.8 29.6 44.4





#67  
4-Bromophenyl-phenylether  
Concen: 9.199 ng  
RT: 16.842 min Scan# 21  
Delta R.T. -0.002 min  
Lab File: BG057667.D  
Acq: 8 Jun 2023 11:48

Instrument :

BNA\_G

ClientSampleId :

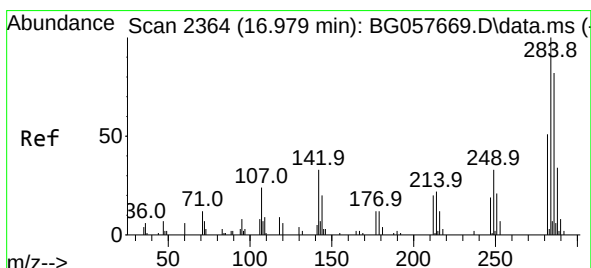
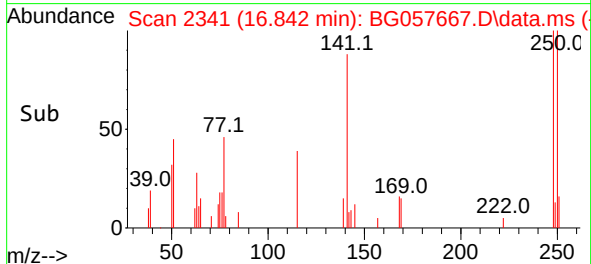
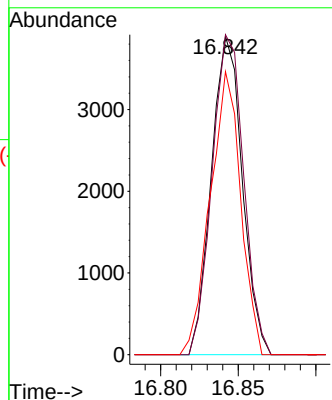
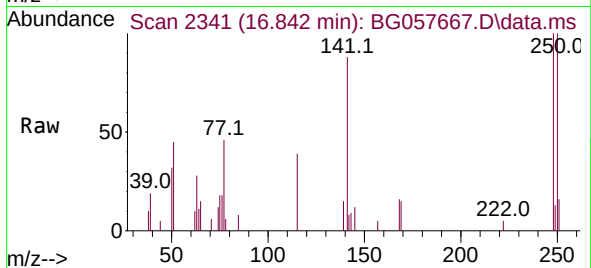
SSTDICC010

Tgt Ion:248 Resp: 541  
Ion Ratio Lower Upper  
248 100  
250 100.4 80.6 120.8  
141 88.8 67.0 100.4

Manual Integrations

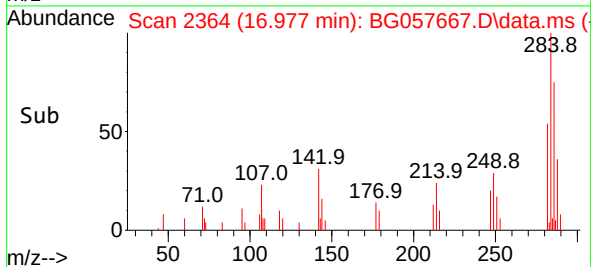
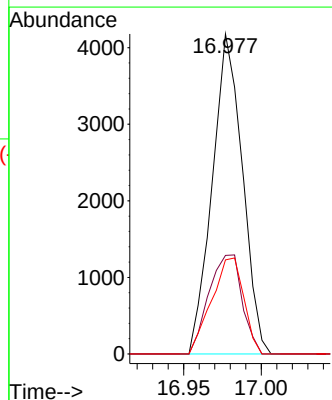
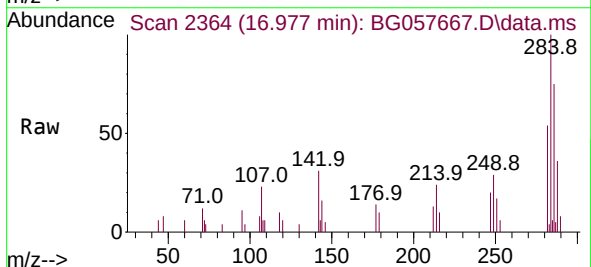
APPROVED

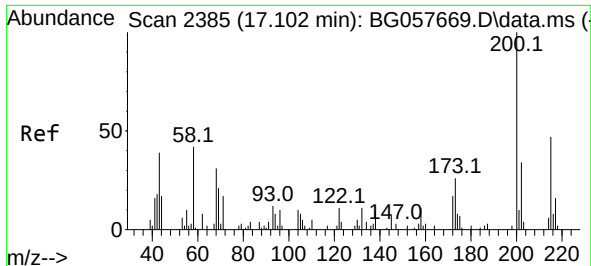
Reviewed By :Yogesh Patel 06/09/2023  
Supervised By :mohammad ahmed 06/13/2023



#68  
Hexachlorobenzene  
Concen: 10.034 ng  
RT: 16.977 min Scan# 2364  
Delta R.T. -0.002 min  
Lab File: BG057667.D  
Acq: 8 Jun 2023 11:48

Tgt Ion:284 Resp: 5639  
Ion Ratio Lower Upper  
284 100  
142 30.8 26.0 39.0  
249 29.4 27.9 41.9





#69  
 Atrazine  
 Concen: 10.148 ng  
 RT: 17.094 min Scan# 21  
 Delta R.T. -0.008 min  
 Lab File: BG057667.D  
 Acq: 8 Jun 2023 11:48

Instrument :

BNA\_G

ClientSampleId :

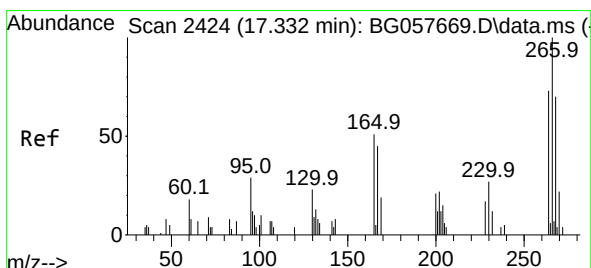
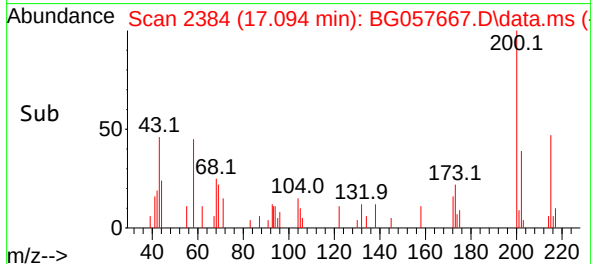
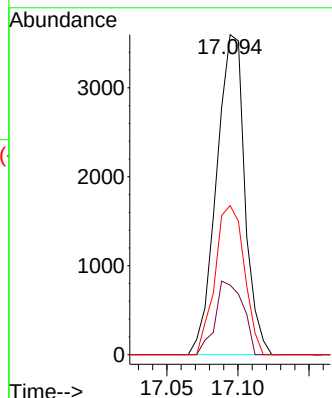
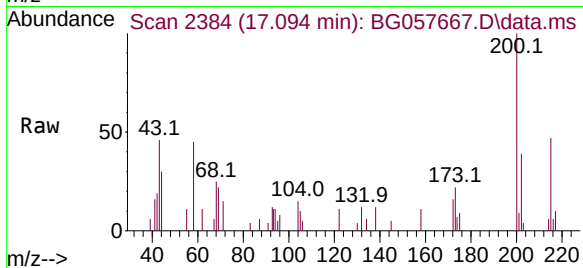
SSTDICC010

Tgt Ion:200 Resp: 498  
 Ion Ratio Lower Upper  
 200 100  
 173 21.8 5.7 45.7  
 215 46.6 27.4 67.4

Manual Integrations

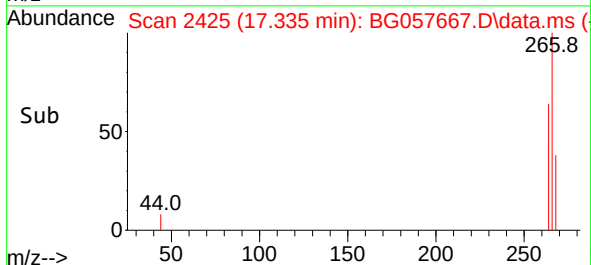
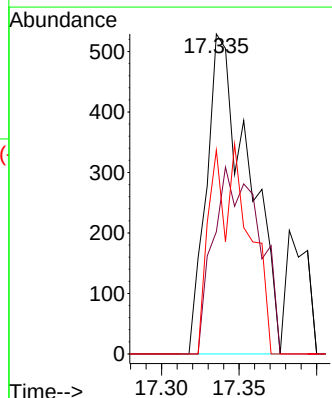
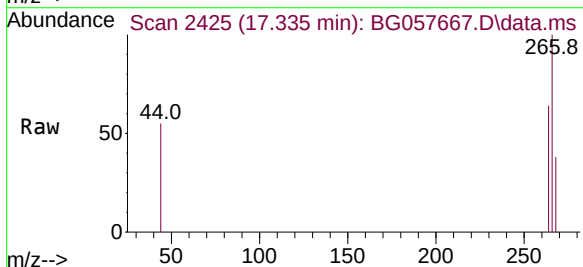
APPROVED

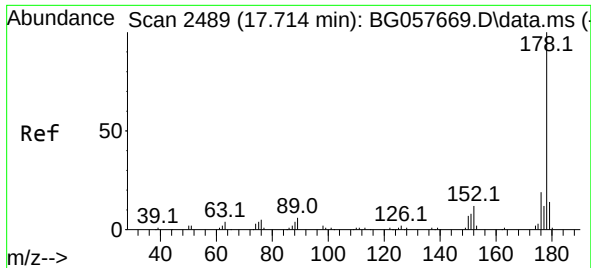
Reviewed By :Yogesh Patel 06/09/2023  
 Supervised By :mohammad ahmed 06/13/2023



#70  
 Pentachlorophenol  
 Concen: 12.120 ng  
 RT: 17.335 min Scan# 2425  
 Delta R.T. 0.003 min  
 Lab File: BG057667.D  
 Acq: 8 Jun 2023 11:48

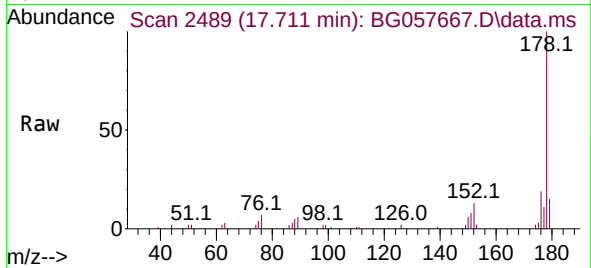
Tgt Ion:266 Resp: 1002  
 Ion Ratio Lower Upper  
 266 100  
 268 38.2 58.7 88.1#  
 264 63.7 58.6 87.8





#71  
Phenanthrene  
Concen: 9.884 ng  
RT: 17.711 min Scan# 2489  
Delta R.T. -0.002 min  
Lab File: BG057667.D  
Acq: 8 Jun 2023 11:48

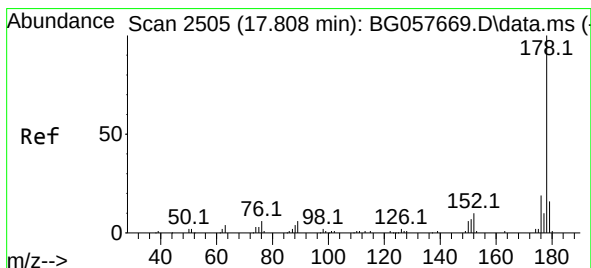
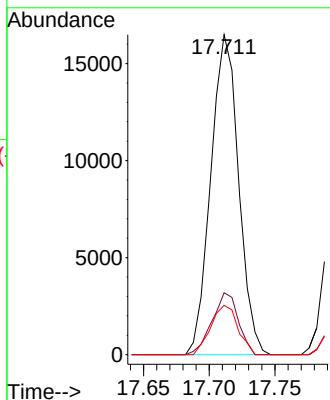
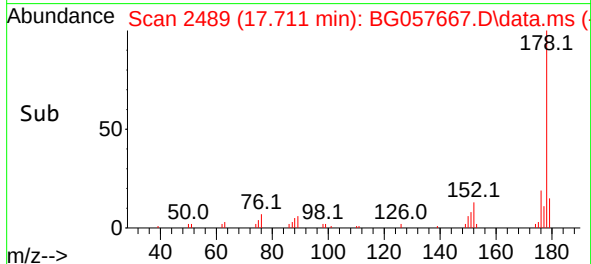
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



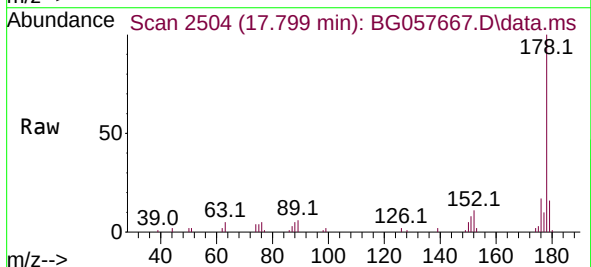
Tgt Ion:178 Resp: 2429  
Ion Ratio Lower Upper  
178 100  
176 19.4 15.2 22.8  
179 15.4 11.4 17.0

Manual Integrations  
APPROVED

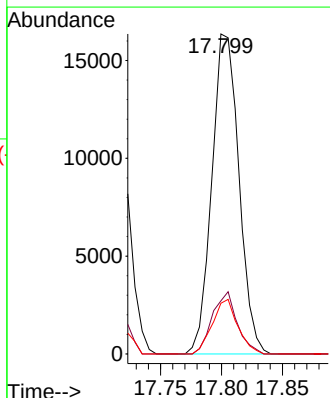
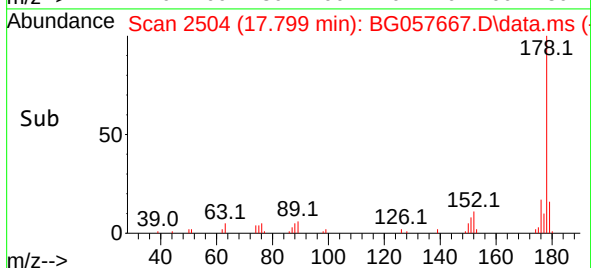
Reviewed By :Yogesh Patel 06/09/2023  
Supervised By :mohammad ahmed 06/13/2023

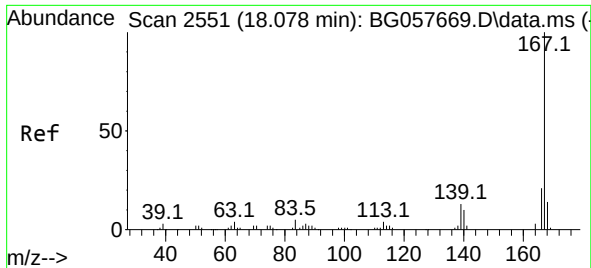


#72  
Anthracene  
Concen: 9.953 ng  
RT: 17.799 min Scan# 2504  
Delta R.T. -0.008 min  
Lab File: BG057667.D  
Acq: 8 Jun 2023 11:48



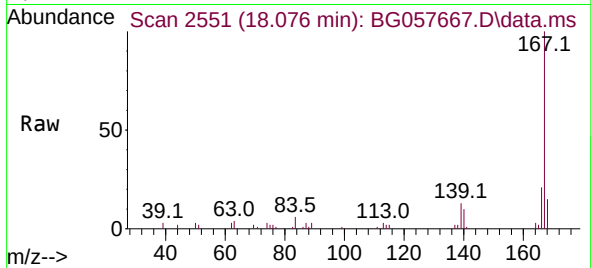
Tgt Ion:178 Resp: 25333  
Ion Ratio Lower Upper  
178 100  
176 16.6 15.2 22.8  
179 15.8 12.6 18.8





#73  
 Carbazole  
 Concen: 9.958 ng  
 RT: 18.076 min Scan# 2551  
 Delta R.T. -0.002 min  
 Lab File: BG057667.D  
 Acq: 8 Jun 2023 11:48

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC010

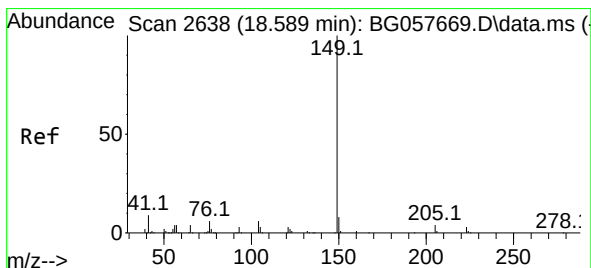
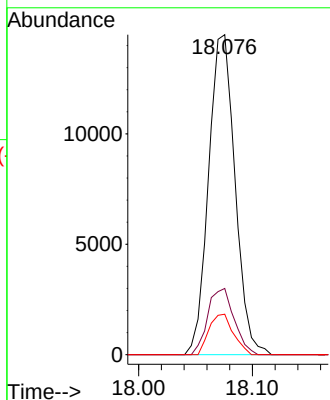
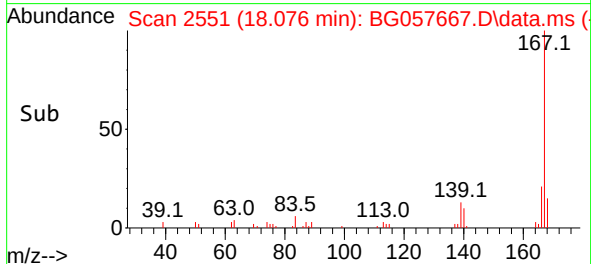


Tgt Ion:167 Resp: 2344

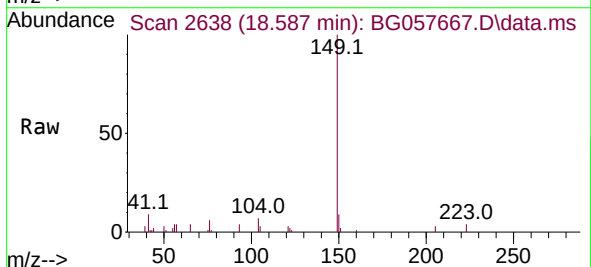
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 20.7  | 17.0  | 25.4  |
| 139 | 12.6  | 10.7  | 16.1  |

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 06/09/2023  
 Supervised By :mohammad ahmed 06/13/2023

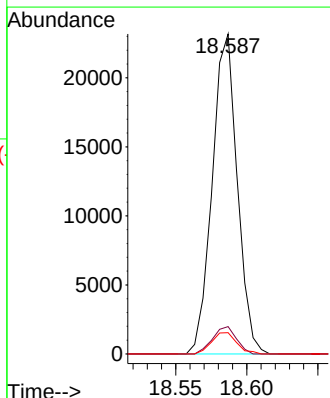
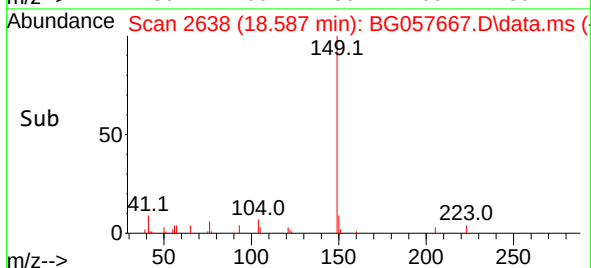


#74  
 Di-n-butylphthalate  
 Concen: 8.947 ng  
 RT: 18.587 min Scan# 2638  
 Delta R.T. -0.002 min  
 Lab File: BG057667.D  
 Acq: 8 Jun 2023 11:48

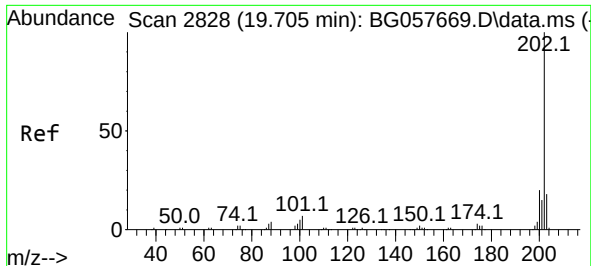


Tgt Ion:149 Resp: 28351

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 8.6   | 6.7   | 10.1  |
| 104 | 6.7   | 4.5   | 6.7   |







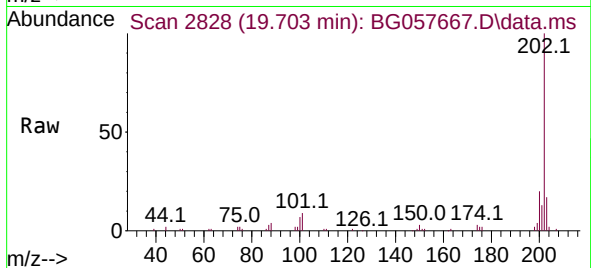
#75  
Fluoranthene  
Concen: 12.393 ng  
RT: 19.703 min Scan# 21  
Delta R.T. -0.002 min  
Lab File: BG057667.D  
Acq: 8 Jun 2023 11:48

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010



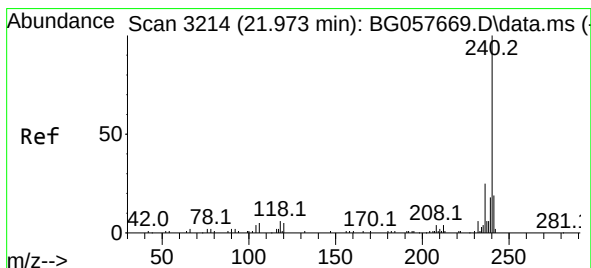
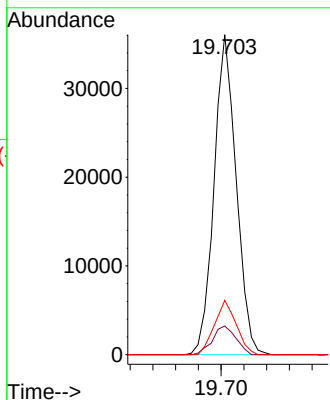
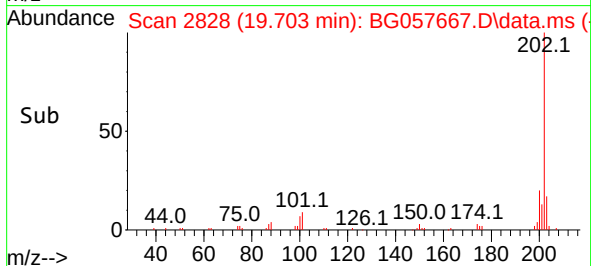
Tgt Ion:202 Resp: 48739  
Ion Ratio Lower Upper  
202 100  
101 9.0 0.0 26.7  
203 17.0 0.0 37.9

Manual Integrations

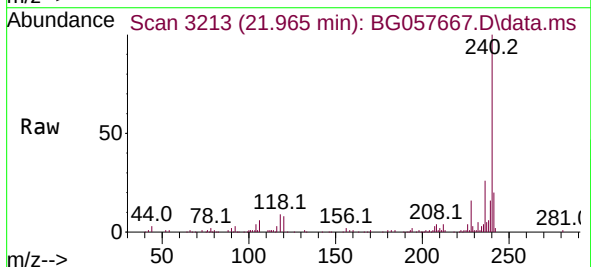
APPROVED

Reviewed By :Yogesh Patel 06/09/2023

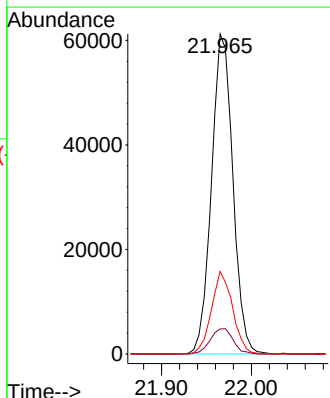
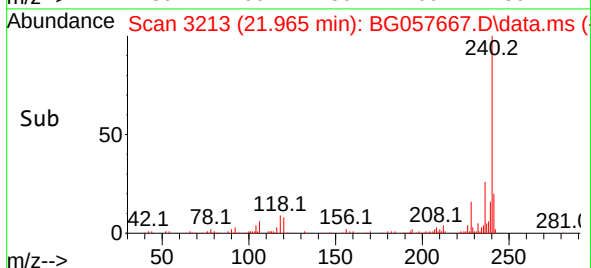
Supervised By :mohammad ahmed 06/13/2023

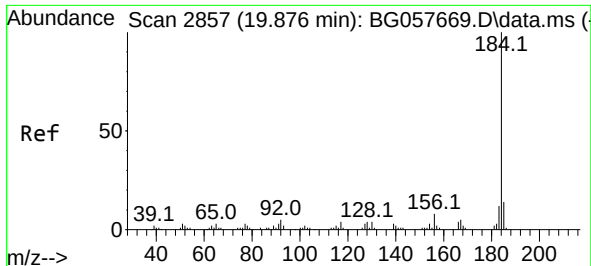


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.965 min Scan# 3213  
Delta R.T. -0.008 min  
Lab File: BG057667.D  
Acq: 8 Jun 2023 11:48



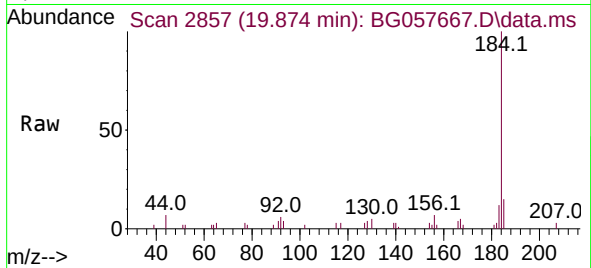
Tgt Ion:240 Resp: 101157  
Ion Ratio Lower Upper  
240 100  
120 7.8 4.1 6.1#  
236 25.8 19.6 29.4





#77  
Benzidine  
Concen: 6.867 ng  
RT: 19.874 min Scan# 2857  
Delta R.T. -0.002 min  
Lab File: BG057667.D  
Acq: 8 Jun 2023 11:48

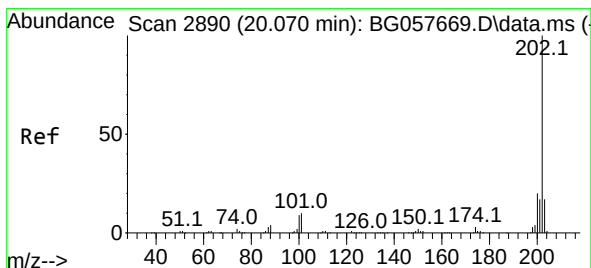
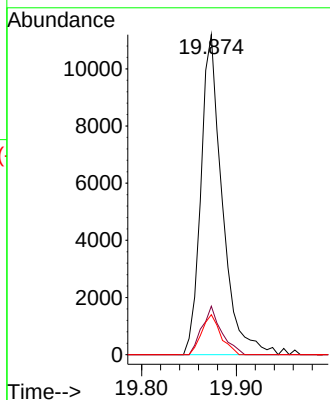
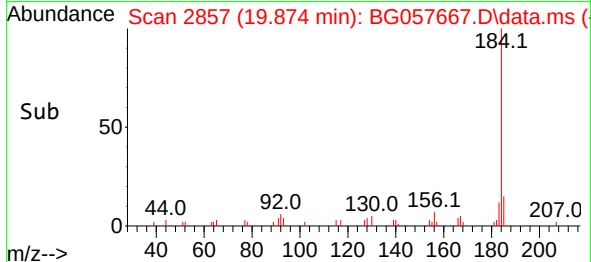
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



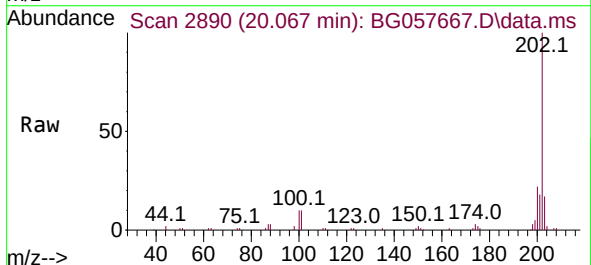
Tgt Ion:184 Resp: 17602  
Ion Ratio Lower Upper  
184 100  
185 15.2 11.2 16.8  
183 12.5 9.2 13.8

Manual Integrations  
APPROVED

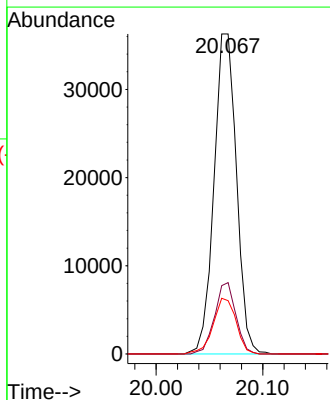
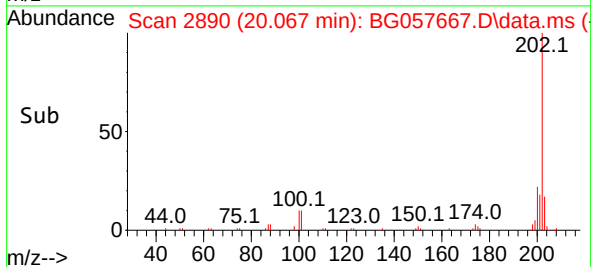
Reviewed By :Yogesh Patel 06/09/2023  
Supervised By :mohammad ahmed 06/13/2023

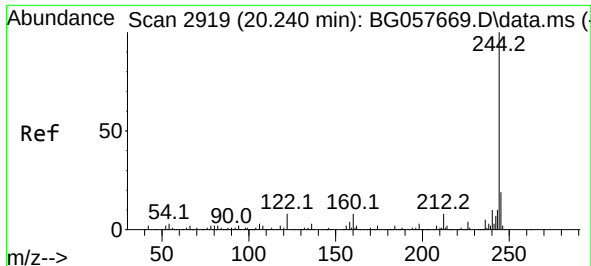


#78  
Pyrene  
Concen: 7.232 ng  
RT: 20.067 min Scan# 2890  
Delta R.T. -0.003 min  
Lab File: BG057667.D  
Acq: 8 Jun 2023 11:48



Tgt Ion:202 Resp: 52933  
Ion Ratio Lower Upper  
202 100  
200 22.3 16.4 24.6  
203 16.6 13.9 20.9





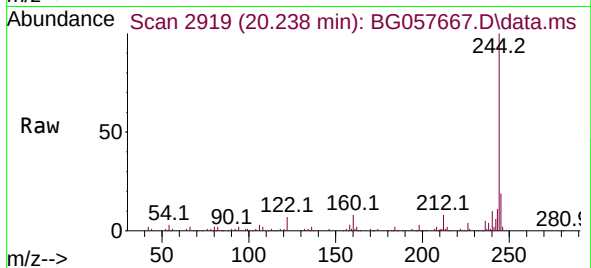
#79  
 Terphenyl-d14  
 Concen: 14.231 ng  
 RT: 20.238 min Scan# 2919  
 Delta R.T. -0.002 min  
 Lab File: BG057667.D  
 Acq: 8 Jun 2023 11:48

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

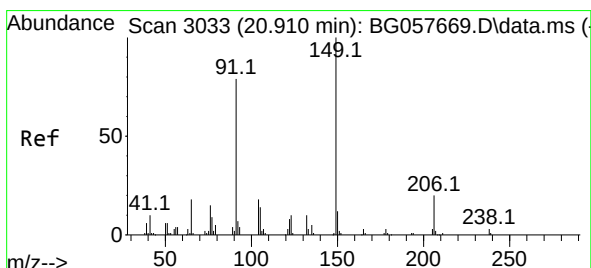
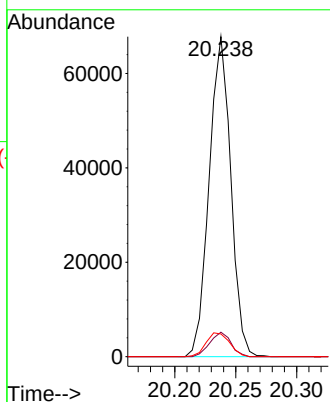
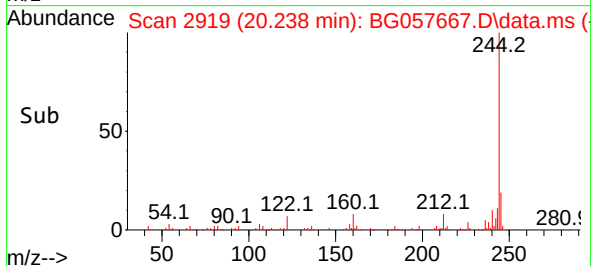


Tgt Ion:244 Resp: 8365  
 Ion Ratio Lower Upper  
 244 100  
 212 7.6 6.6 9.8  
 122 7.1 6.1 9.1

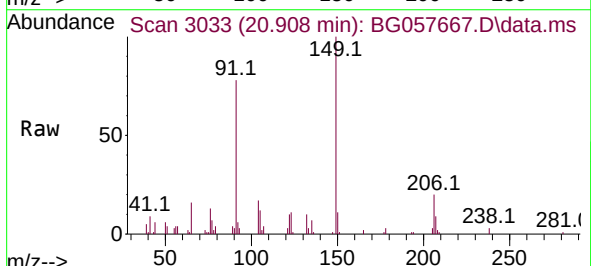
Manual Integrations

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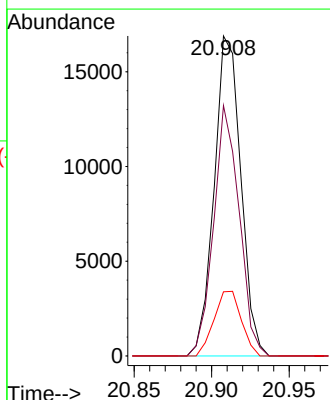
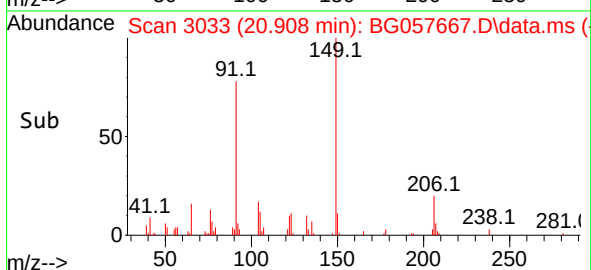
Reviewed By :Yogesh Patel 06/09/2023  
 Supervised By :mohammad ahmed 06/13/2023

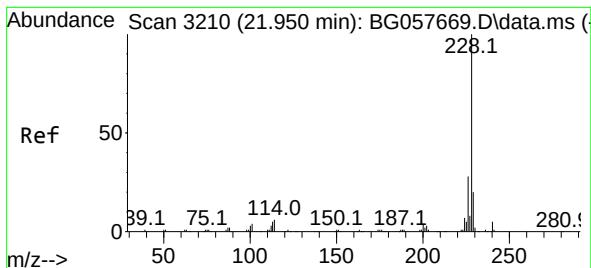


#80  
 Butylbenzylphthalate  
 Concen: 7.569 ng  
 RT: 20.908 min Scan# 3033  
 Delta R.T. -0.002 min  
 Lab File: BG057667.D  
 Acq: 8 Jun 2023 11:48



Tgt Ion:149 Resp: 20188  
 Ion Ratio Lower Upper  
 149 100  
 91 78.2 63.2 94.8  
 206 20.1 16.0 24.0





#81

Benzo(a)anthracene

Concen: 10.191 ng

RT: 21.948 min Scan# 3192

Delta R.T. -0.002 min

Lab File: BG057667.D

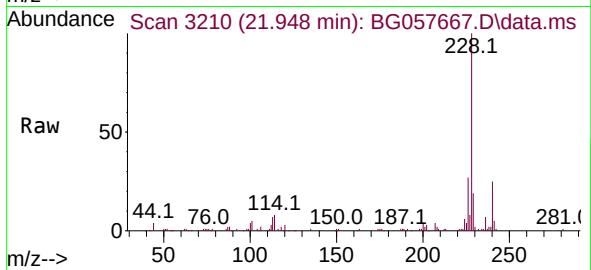
Acq: 8 Jun 2023 11:48

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010



Tgt Ion:228 Resp: 72628

Ion Ratio Lower Upper

228 100

226 27.4 22.4 33.6

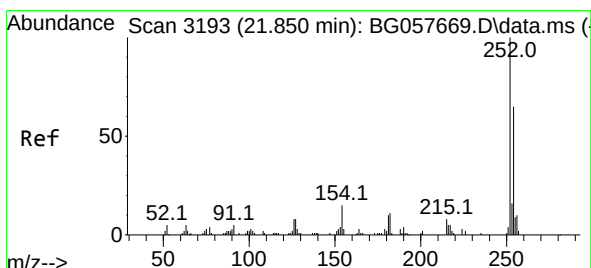
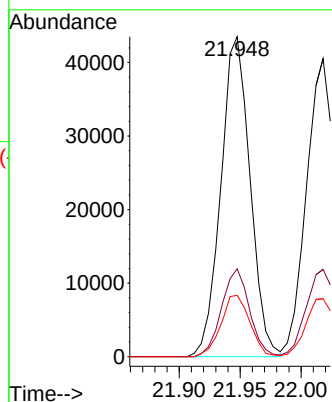
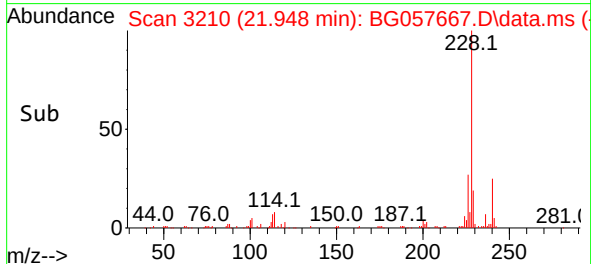
229 19.2 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/09/2023

Supervised By :mohammad ahmed 06/13/2023



#82

3,3'-Dichlorobenzidine

Concen: 9.894 ng

RT: 21.842 min Scan# 3192

Delta R.T. -0.008 min

Lab File: BG057667.D

Acq: 8 Jun 2023 11:48

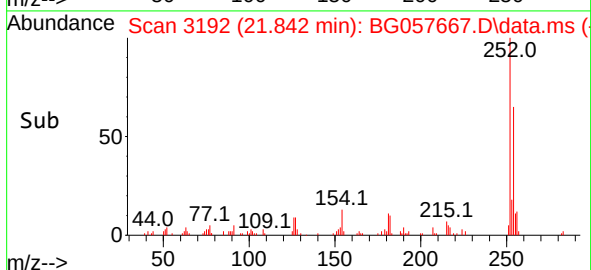
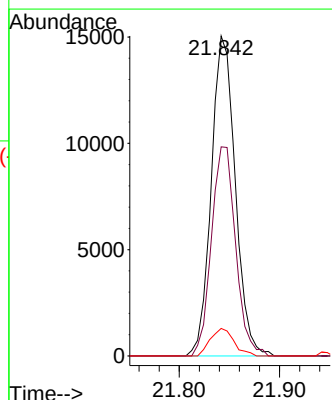
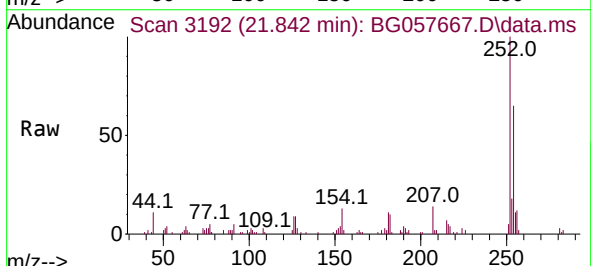
Tgt Ion:252 Resp: 24987

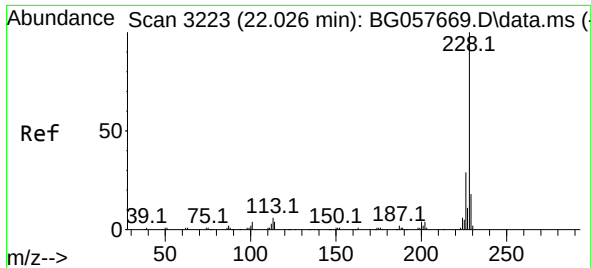
Ion Ratio Lower Upper

252 100

254 65.4 52.2 78.2

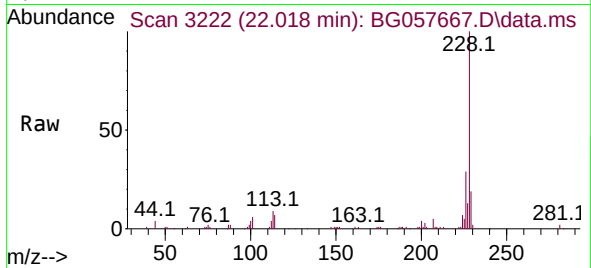
126 8.6 6.4 9.6





#83  
Chrysene  
Concen: 10.125 ng  
RT: 22.018 min Scan# 31  
Delta R.T. -0.008 min  
Lab File: BG057667.D  
Acq: 8 Jun 2023 11:48

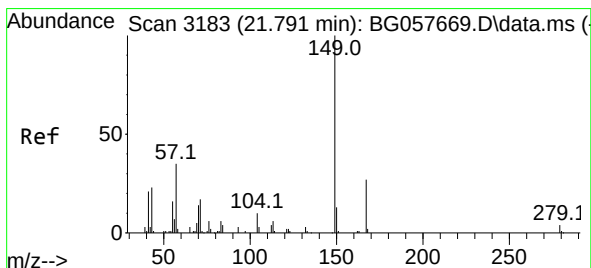
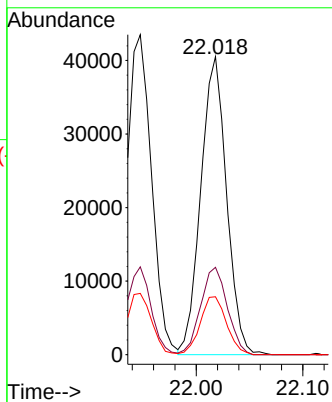
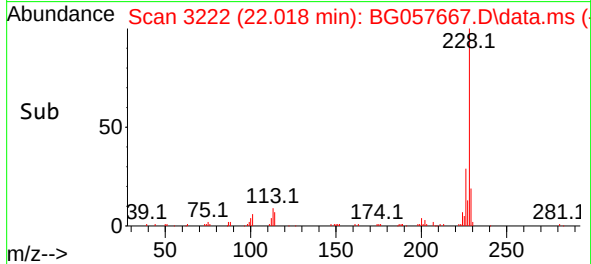
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



Tgt Ion:228 Resp: 68248  
Ion Ratio Lower Upper  
228 100  
226 29.3 23.0 34.6  
229 19.4 14.1 21.1

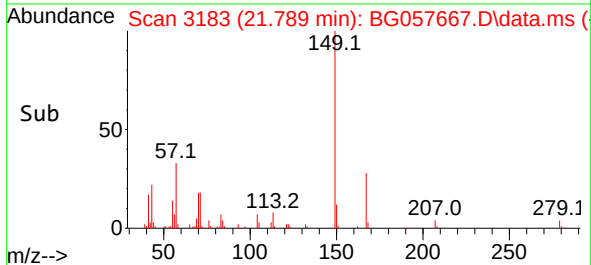
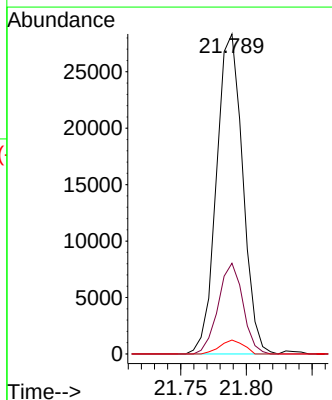
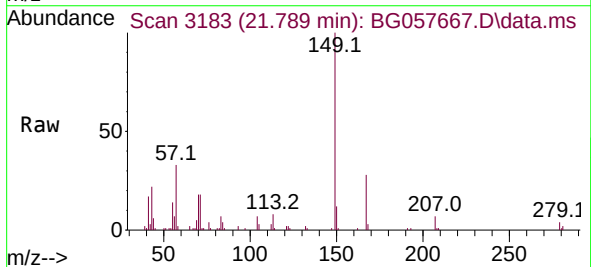
Manual Integrations  
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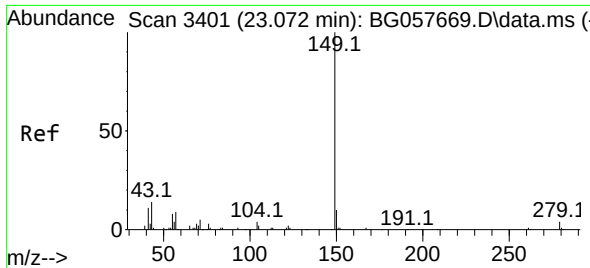
Reviewed By :Yogesh Patel 06/09/2023  
Supervised By :mohammad ahmed 06/13/2023



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 9.834 ng  
RT: 21.789 min Scan# 3183  
Delta R.T. -0.002 min  
Lab File: BG057667.D  
Acq: 8 Jun 2023 11:48

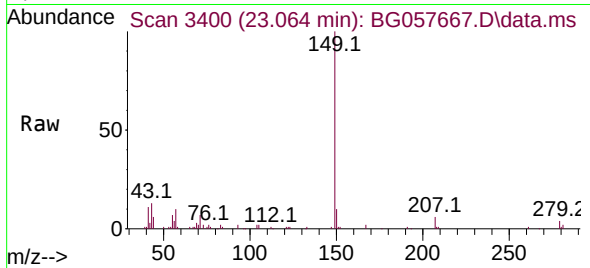
Tgt Ion:149 Resp: 39299  
Ion Ratio Lower Upper  
149 100  
167 28.4 22.0 33.0  
279 4.3 3.0 4.6





#85  
Di-n-octyl phthalate  
Concen: 9.921 ng  
RT: 23.064 min Scan# 3401  
Delta R.T. -0.008 min  
Lab File: BG057667.D  
Acq: 8 Jun 2023 11:48

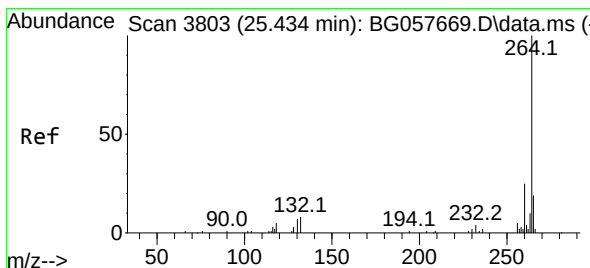
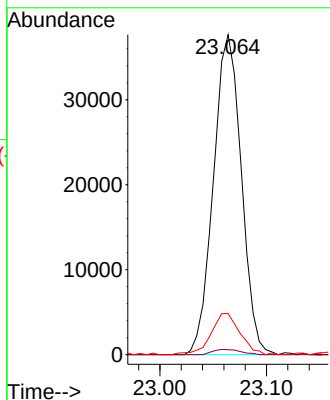
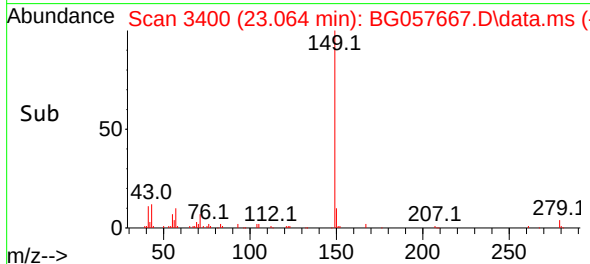
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



Tgt Ion:149 Resp: 68460  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.2 1.8  
43 13.5 11.2 16.8

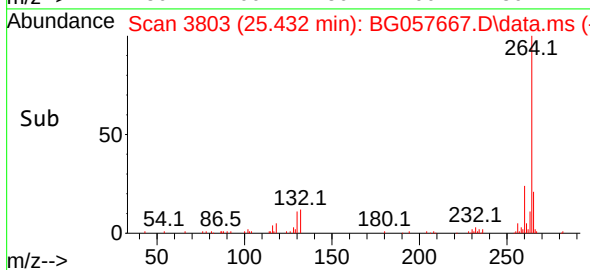
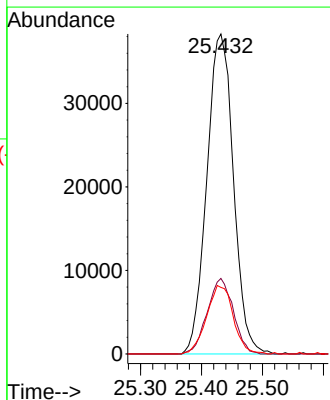
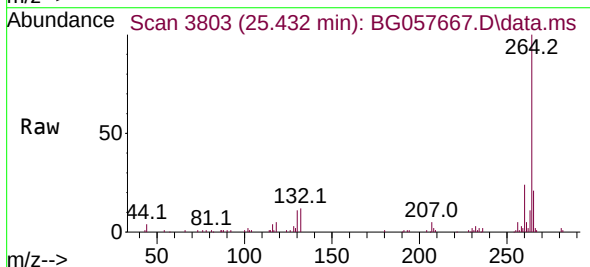
Manual Integrations  
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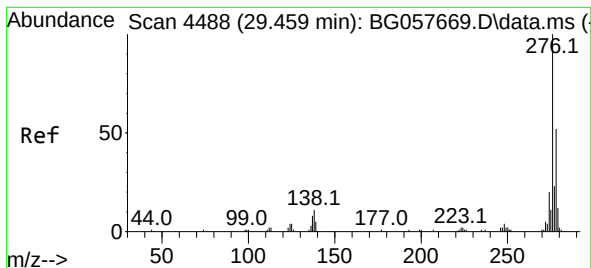
Reviewed By :Yogesh Patel 06/09/2023  
Supervised By :mohammad ahmed 06/13/2023



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.432 min Scan# 3803  
Delta R.T. -0.002 min  
Lab File: BG057667.D  
Acq: 8 Jun 2023 11:48

Tgt Ion:264 Resp: 116354  
Ion Ratio Lower Upper  
264 100  
260 23.6 19.8 29.8  
265 20.8 14.9 22.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 9.966 ng

RT: 29.439 min Scan# 4488

Delta R.T. -0.020 min

Lab File: BG057667.D

Acq: 8 Jun 2023 11:48

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

Tgt Ion:276 Resp: 7778

Ion Ratio Lower Upper

276 100

138 12.0 11.0 16.6

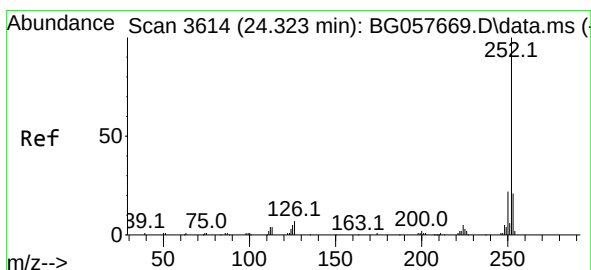
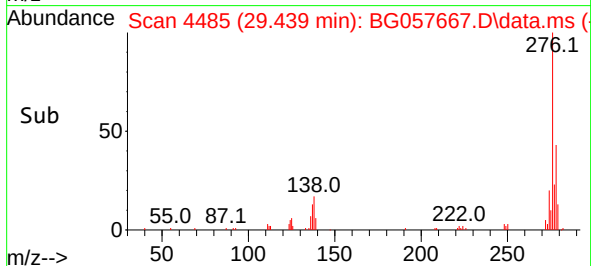
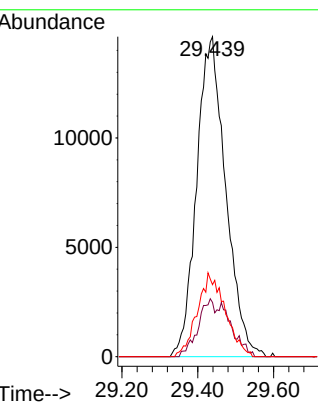
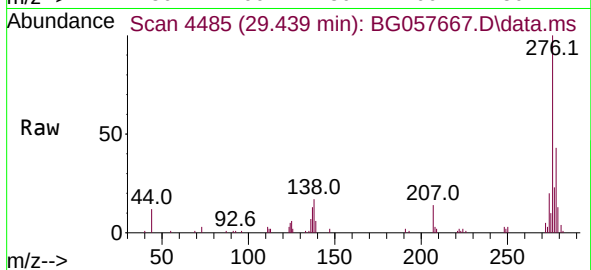
277 25.2 19.6 29.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/09/2023

Supervised By :mohammad ahmed 06/13/2023



#88

Benzo(b)fluoranthene

Concen: 9.918 ng

RT: 24.321 min Scan# 3614

Delta R.T. -0.002 min

Lab File: BG057667.D

Acq: 8 Jun 2023 11:48

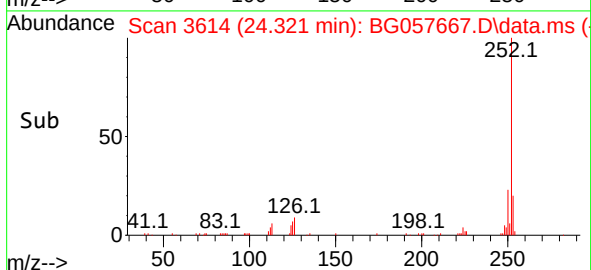
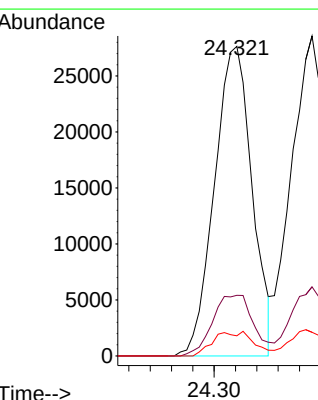
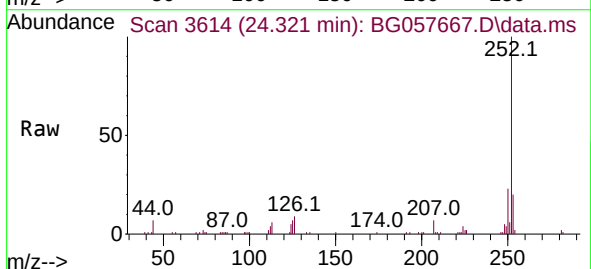
Tgt Ion:252 Resp: 67782

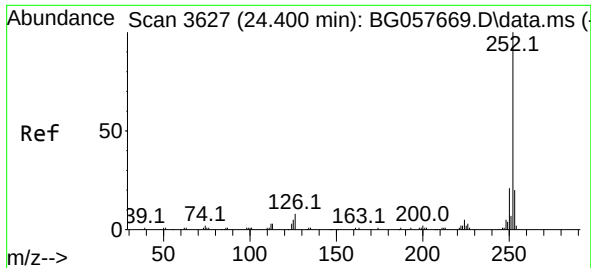
Ion Ratio Lower Upper

252 100

253 19.6 16.9 25.3

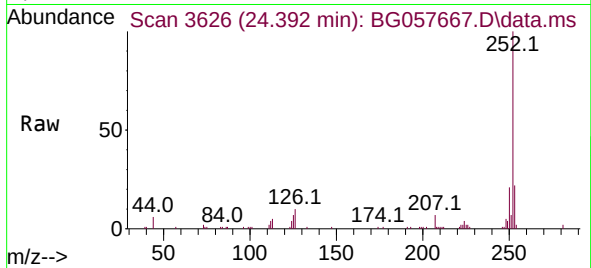
125 6.5 4.0 6.0#





#89  
Benzo(k)fluoranthene  
Concen: 10.250 ng m  
RT: 24.392 min Scan# 30  
Delta R.T. -0.008 min  
Lab File: BG057667.D  
Acq: 8 Jun 2023 11:48

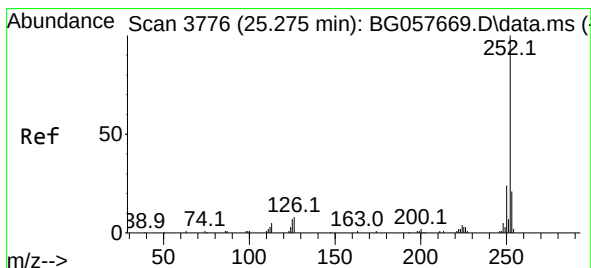
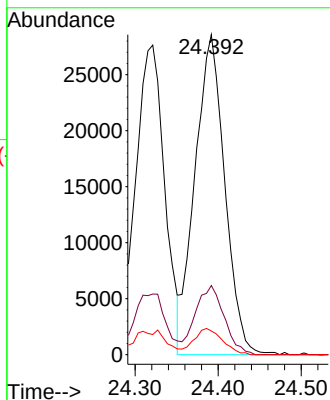
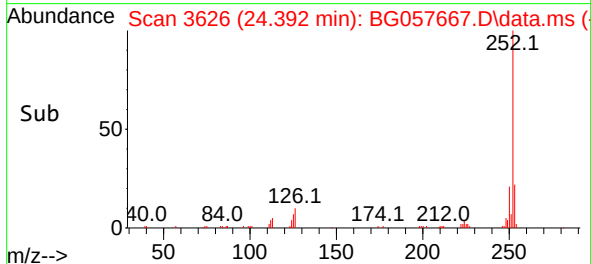
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



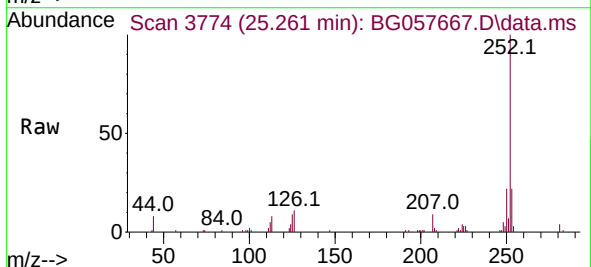
Tgt Ion:252 Resp: 7117  
Ion Ratio Lower Upper  
252 100  
253 21.6 16.7 25.1  
125 7.4 4.5 6.7

Manual Integrations  
APPROVED

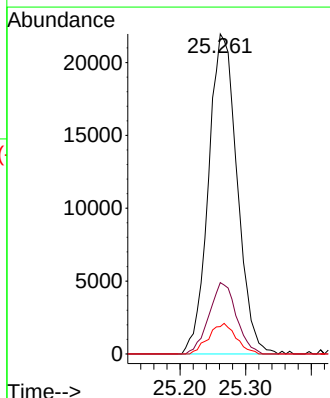
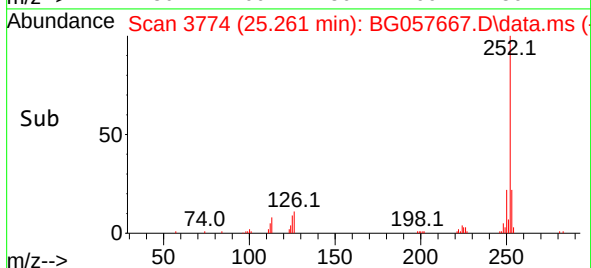
Reviewed By :Yogesh Patel 06/09/2023  
Supervised By :mohammad ahmed 06/13/2023



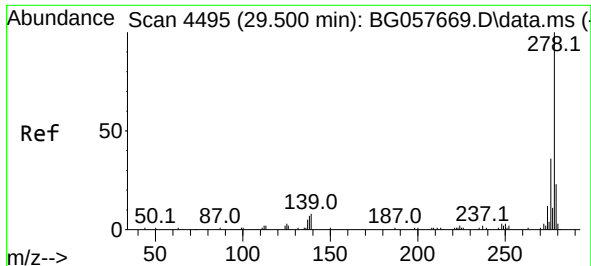
#90  
Benzo(a)pyrene  
Concen: 10.004 ng  
RT: 25.261 min Scan# 3774  
Delta R.T. -0.014 min  
Lab File: BG057667.D  
Acq: 8 Jun 2023 11:48



Tgt Ion:252 Resp: 66456  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.0 25.6  
125 8.6 5.4 8.0

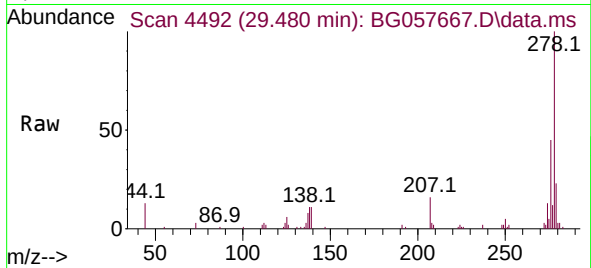






#91  
Dibenzo(a,h)anthracene  
Concen: 9.902 ng  
RT: 29.480 min Scan# 4495  
Delta R.T. -0.020 min  
Lab File: BG057667.D  
Acq: 8 Jun 2023 11:48

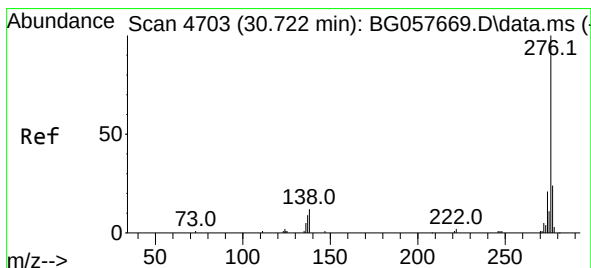
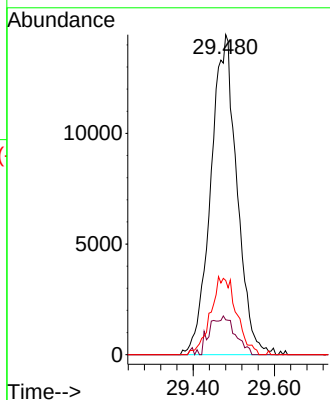
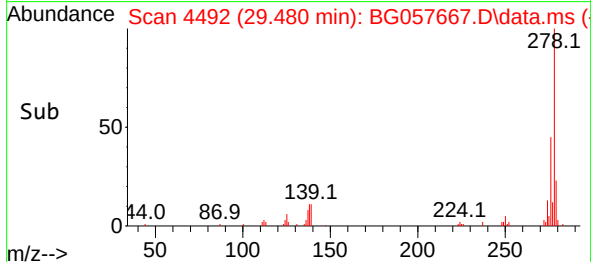
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



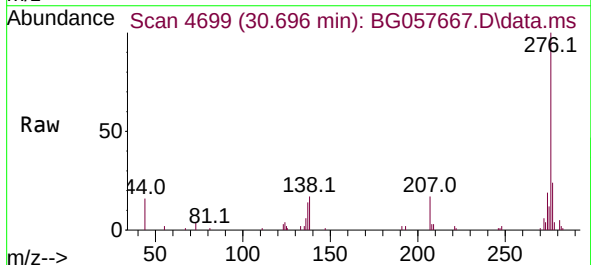
Tgt Ion:278 Resp: 64590  
Ion Ratio Lower Upper  
278 100  
139 10.9 6.6 10.0  
279 23.2 18.2 27.4

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 06/09/2023  
Supervised By :mohammad ahmed 06/13/2023



#92  
Benzo(g,h,i)perylene  
Concen: 10.095 ng  
RT: 30.696 min Scan# 4699  
Delta R.T. -0.026 min  
Lab File: BG057667.D  
Acq: 8 Jun 2023 11:48



Tgt Ion:276 Resp: 64325  
Ion Ratio Lower Upper  
276 100  
277 24.0 19.2 28.8  
138 16.9 9.4 14.0#

