

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG111722\  
 Data File : BG055661.D  
 Acq On : 17 Nov 2022 11:29  
 Operator : CG/JU  
 Sample : PB148956BS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB148956BS

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 11/18/2022  
 Supervised By : Jagrut Upadhyay 11/18/2022

Quant Time: Nov 18 03:12:10 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG111622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Nov 17 02:02:46 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.250  | 152  | 33076    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 11.082 | 136  | 144710   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.877 | 164  | 111020   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.621 | 188  | 272544   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.922 | 240  | 264041   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 25.330 | 264  | 285781   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.782  | 112  | 285005   | 155.748 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.392  | 99   | 376665   | 154.630 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.425  | 82   | 228439   | 83.436  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.358 | 330  | 224276   | 143.463 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.502 | 172  | 596033   | 80.430  | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.206 | 244  | 1156484  | 87.604  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.614  | 88   | 28488    | 36.429  | ng    | 95       |
| 3) Pyridine                   | 4.025  | 79   | 77236    | 32.194  | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.937  | 42   | 53611    | 42.209  | ng    | 91       |
| 6) Aniline                    | 7.568  | 93   | 80638    | 26.356  | ng    | 98       |
| 8) 2-Chlorophenol             | 7.809  | 128  | 102641   | 49.066  | ng    | 96       |
| 9) Benzaldehyde               | 7.380  | 77   | 24949    | 15.081  | ng    | 95       |
| 10) Phenol                    | 7.421  | 94   | 133720   | 49.027  | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 7.656  | 93   | 90241    | 43.173  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 8.144  | 146  | 105318   | 42.821  | ng    | 96       |
| 13) 1,4-Dichlorobenzene       | 8.291  | 146  | 106075   | 42.681  | ng    | 96       |
| 14) 1,2-Dichlorobenzene       | 8.614  | 146  | 104630   | 43.933  | ng    | 99       |
| 15) Benzyl Alcohol            | 8.485  | 79   | 96726m   | 48.859  | ng    |          |
| 16) 2,2'-oxybis(1-Chloropr... | 8.778  | 45   | 163886   | 43.312  | ng    | 98       |
| 17) 2-Methylphenol            | 8.684  | 107  | 94767    | 48.940  | ng    | 99       |
| 18) Hexachloroethane          | 9.348  | 117  | 36944    | 43.189  | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 9.055  | 70   | 81938    | 43.780  | ng    | 99       |
| 20) 3+4-Methylphenols         | 9.013  | 107  | 130036   | 48.072  | ng    | 98       |
| 22) Acetophenone              | 9.078  | 105  | 157500   | 41.885  | ng    | # 97     |
| 24) Nitrobenzene              | 9.466  | 77   | 117515   | 41.092  | ng    | 97       |
| 25) Isophorone                | 9.989  | 82   | 226455   | 43.654  | ng    | 99       |
| 26) 2-Nitrophenol             | 10.183 | 139  | 58773    | 44.519  | ng    | 94       |
| 27) 2,4-Dimethylphenol        | 10.230 | 122  | 104979   | 52.248  | ng    | 95       |
| 28) bis(2-Chloroethoxy)met... | 10.471 | 93   | 128851   | 46.267  | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 10.723 | 162  | 110223   | 45.833  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.941 | 180  | 113575   | 40.650  | ng    | 99       |
| 31) Naphthalene               | 11.134 | 128  | 313208   | 40.038  | ng    | 99       |
| 32) Benzoic acid              | 10.359 | 122  | 75919    | 45.926  | ng    | 98       |
| 33) 4-Chloroaniline           | 11.234 | 127  | 69942    | 21.674  | ng    | 98       |
| 34) Hexachlorobutadiene       | 11.411 | 225  | 75570    | 39.611  | ng    | 97       |
| 35) Caprolactam               | 12.004 | 113  | 38500m   | 46.262  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 12.333 | 107  | 124467   | 47.089  | ng    | 97       |
| 37) 2-Methylnaphthalene       | 12.721 | 142  | 242022   | 41.320  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.938 | 142  | 229234   | 40.314  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 13.079 | 216  | 142186   | 40.754  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 13.062 | 237  | 184921   | 105.164 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 13.314 | 196  | 102807   | 43.198  | ng    | 98       |

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Nov 17 02:02:46 2022  
 Response via : Initial Calibration

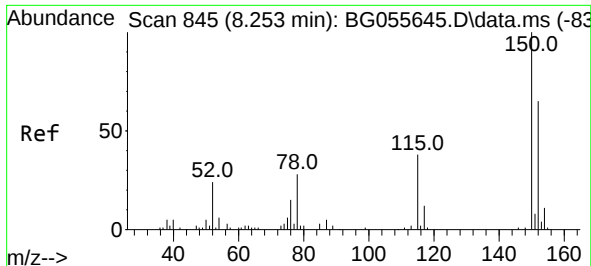
| Compound                       | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol      | 13.391 | 196  | 114379   | 43.734 | ng    | 97       |
| 46) 1,1'-Biphenyl              | 13.714 | 154  | 332862   | 41.144 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 13.761 | 162  | 251796   | 40.042 | ng    | 98       |
| 48) 2-Nitroaniline             | 13.955 | 65   | 90070    | 43.566 | ng    | 95       |
| 49) Acenaphthylene             | 14.601 | 152  | 428196   | 41.352 | ng    | 99       |
| 50) Dimethylphthalate          | 14.319 | 163  | 367876   | 41.568 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.442 | 165  | 78359    | 43.303 | ng    | 99       |
| 52) Acenaphthene               | 14.942 | 154  | 313666m  | 46.348 | ng    |          |
| 53) 3-Nitroaniline             | 14.771 | 138  | 45853    | 23.083 | ng    | 96       |
| 54) 2,4-Dinitrophenol          | 14.977 | 184  | 102620   | 98.633 | ng    | 99       |
| 55) Dibenzofuran               | 15.271 | 168  | 428841   | 41.075 | ng    | 98       |
| 56) 4-Nitrophenol              | 15.071 | 139  | 140727   | 90.263 | ng    | 99       |
| 57) 2,4-Dinitrotoluene         | 15.224 | 165  | 114711   | 44.962 | ng    | 98       |
| 58) Fluorene                   | 15.917 | 166  | 341913   | 41.004 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.494 | 232  | 109413   | 43.176 | ng    | 99       |
| 60) Diethylphthalate           | 15.670 | 149  | 375052   | 41.916 | ng    | 100      |
| 61) 4-Chlorophenyl-phenylether | 15.905 | 204  | 192221   | 41.936 | ng    | 99       |
| 62) 4-Nitroaniline             | 15.935 | 138  | 83556    | 40.238 | ng    | 97       |
| 63) Azobenzene                 | 16.199 | 77   | 321809   | 41.196 | ng    | 100      |
| 65) 4,6-Dinitro-2-methylph...  | 15.988 | 198  | 67316    | 44.233 | ng    | 97       |
| 66) n-Nitrosodiphenylamine     | 16.117 | 169  | 313916   | 41.794 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.798 | 248  | 130063   | 41.884 | ng    | 99       |
| 68) Hexachlorobenzene          | 16.922 | 284  | 144434   | 41.946 | ng    | 99       |
| 69) Atrazine                   | 17.057 | 200  | 124264   | 41.831 | ng    | 98       |
| 70) Pentachlorophenol          | 17.263 | 266  | 187774   | 89.146 | ng    | 98       |
| 71) Phenanthrene               | 17.662 | 178  | 594263   | 40.405 | ng    | 100      |
| 72) Anthracene                 | 17.750 | 178  | 607275   | 42.496 | ng    | 100      |
| 73) Carbazole                  | 18.015 | 167  | 547686   | 42.632 | ng    | 100      |
| 74) Di-n-butylphthalate        | 18.555 | 149  | 653473   | 40.965 | ng    | 99       |
| 75) Fluoranthene               | 19.660 | 202  | 714284   | 39.920 | ng    | 100      |
| 77) Benzidine                  | 19.824 | 184  | 222520   | 36.428 | ng    | 99       |
| 78) Pyrene                     | 20.018 | 202  | 728332   | 40.752 | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.888 | 149  | 295688   | 42.261 | ng    | 98       |
| 81) Benzo(a)anthracene         | 21.898 | 228  | 744124   | 40.917 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 21.798 | 252  | 221717   | 34.696 | ng    | 99       |
| 83) Chrysene                   | 21.969 | 228  | 705730   | 40.763 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha...  | 21.775 | 149  | 431543   | 42.917 | ng    | 100      |
| 85) Di-n-octyl phthalate       | 23.050 | 149  | 740539   | 43.035 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene     | 29.260 | 276  | 904112   | 38.618 | ng    | 98       |
| 88) Benzo(b)fluoranthene       | 24.243 | 252  | 806016   | 43.307 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 24.313 | 252  | 780065   | 42.047 | ng    | 99       |
| 90) Benzo(a)pyrene             | 25.171 | 252  | 708435   | 44.357 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene     | 29.337 | 278  | 779590   | 40.749 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 30.506 | 276  | 762244   | 39.531 | ng    | 100      |

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

## Manual Integrations

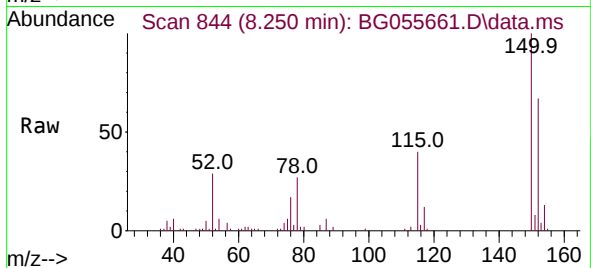
Quant Time: Nov 18 03:12:10 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG111622.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Nov 17 02:02:46 2022  
Response via : Initial Calibration





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.250 min Scan# 84  
Delta R.T. -0.003 min  
Lab File: BG055661.D  
Acq: 17 Nov 2022 11:29

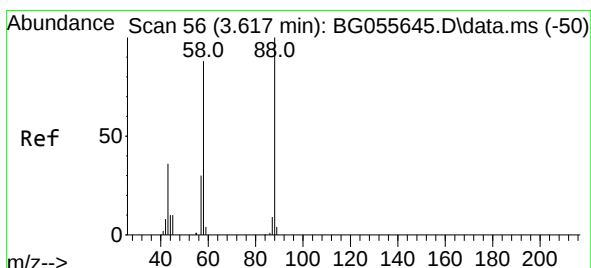
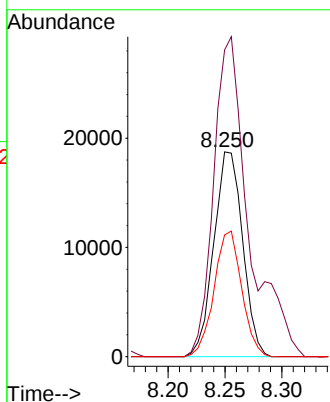
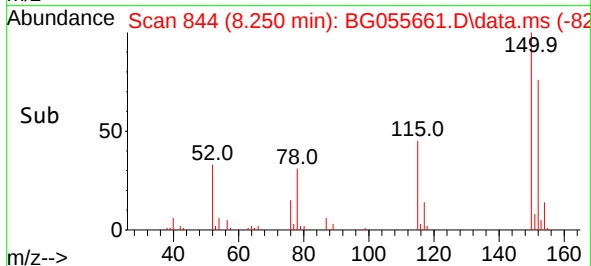
Instrument :  
BNA\_G  
ClientSampleId :  
PB148956BS



Tgt Ion:152 Resp: 33076  
Ion Ratio Lower Upper  
152 100  
150 149.8 123.0 184.6  
115 59.5 47.0 70.4

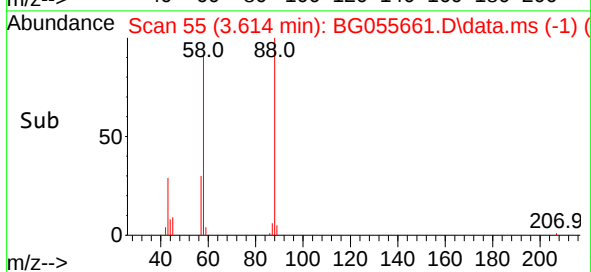
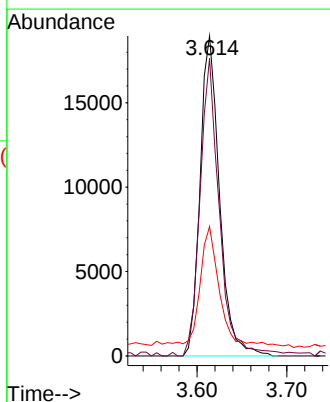
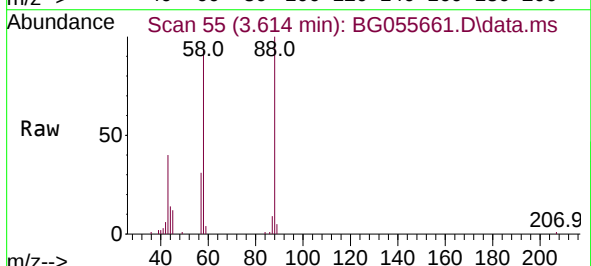
Manual Integrations  
APPROVED

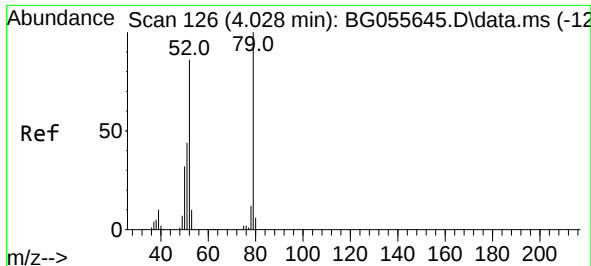
Reviewed By :Christian Giraldo 11/18/2022  
Supervised By :Jagrut Upadhyay 11/18/2022



#2  
1,4-Dioxane  
Concen: 36.429 ng  
RT: 3.614 min Scan# 55  
Delta R.T. -0.003 min  
Lab File: BG055661.D  
Acq: 17 Nov 2022 11:29

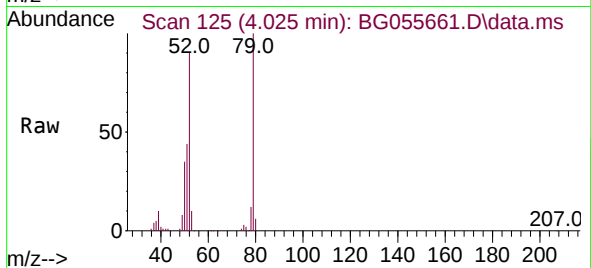
Tgt Ion: 88 Resp: 28488  
Ion Ratio Lower Upper  
88 100  
58 93.6 71.3 106.9  
43 38.3 28.6 43.0





#3  
Pyridine  
Concen: 32.194 ng  
RT: 4.025 min Scan# 110  
Delta R.T. -0.003 min  
Lab File: BG055661.D  
Acq: 17 Nov 2022 11:29

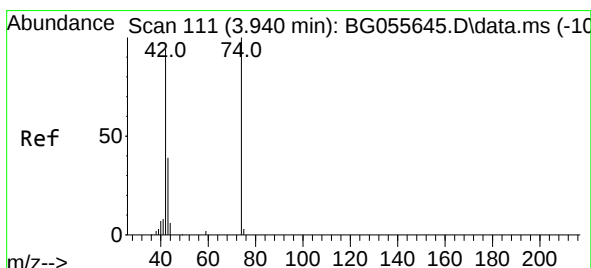
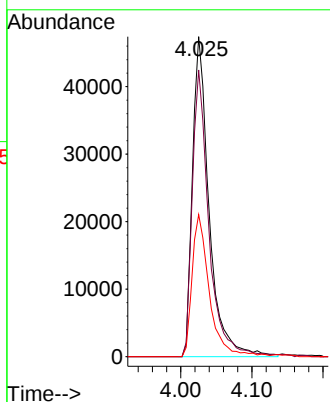
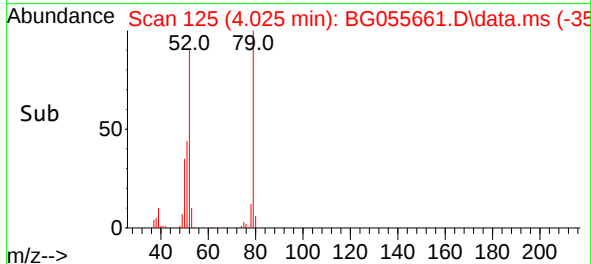
Instrument :  
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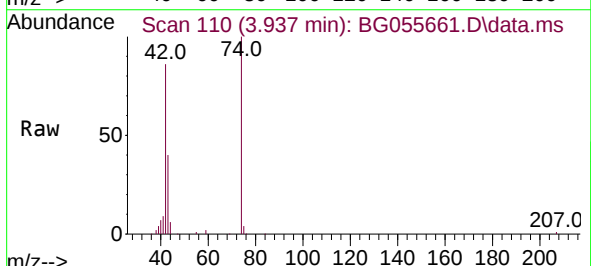
Tgt Ion: 79 Resp: 77236  
Ion Ratio Lower Upper  
79 100  
52 89.6 68.9 103.3  
51 44.4 34.8 52.2

Manual Integrations  
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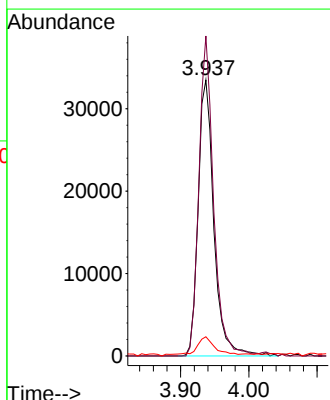
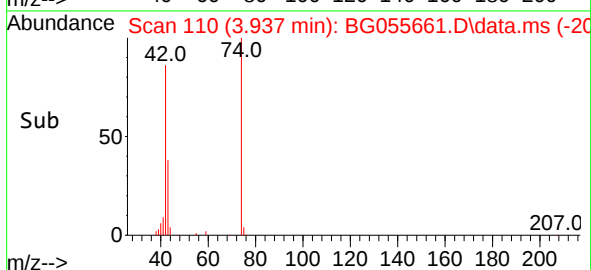
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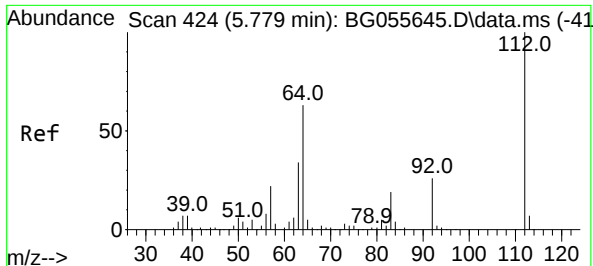


#4  
n-Nitrosodimethylamine  
Concen: 42.209 ng  
RT: 3.937 min Scan# 110  
Delta R.T. -0.003 min  
Lab File: BG055661.D  
Acq: 17 Nov 2022 11:29



Tgt Ion: 42 Resp: 53611  
Ion Ratio Lower Upper  
42 100  
74 116.0 84.7 127.1  
44 6.9 5.4 8.0





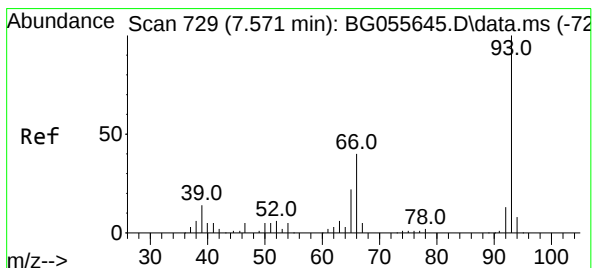
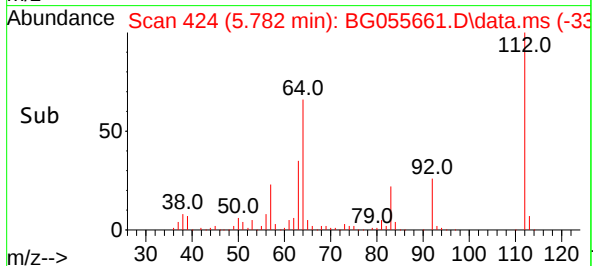
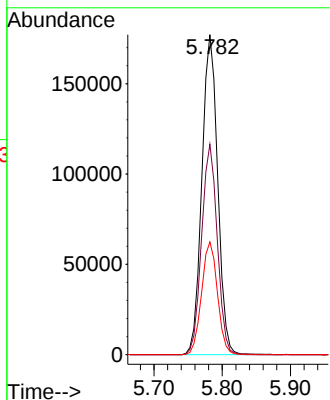
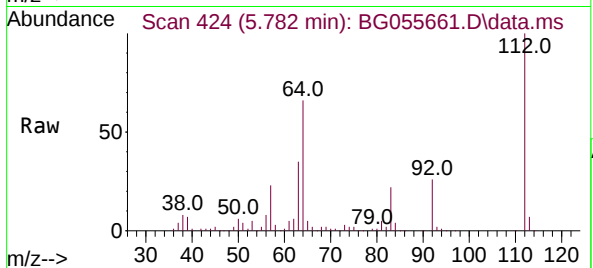
#5  
2-Fluorophenol  
Concen: 155.748 ng  
RT: 5.782 min Scan# 41  
Delta R.T. 0.003 min  
Lab File: BG055661.D  
Acq: 17 Nov 2022 11:29

Instrument :  
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Tgt Ion:112 Resp: 285005  
Ion Ratio Lower Upper  
112 100  
64 65.7 50.6 76.0  
63 35.2 27.5 41.3

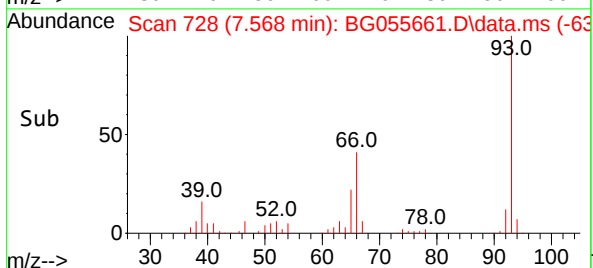
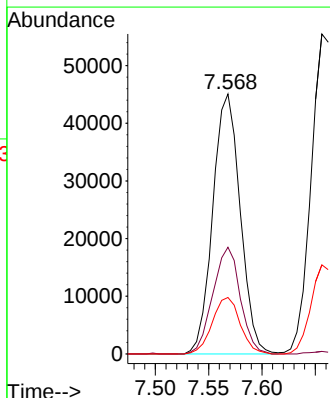
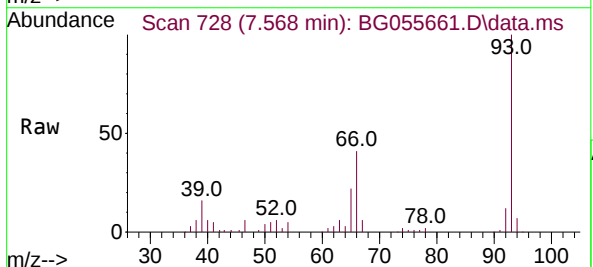
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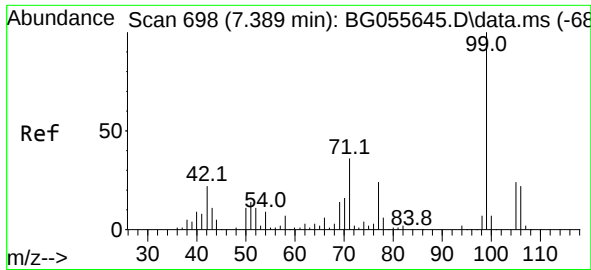
Reviewed By :Christian Giraldo 11/18/2022  
Supervised By :Jagrut Upadhyay 11/18/2022



#6  
Aniline  
Concen: 26.356 ng  
RT: 7.568 min Scan# 728  
Delta R.T. -0.003 min  
Lab File: BG055661.D  
Acq: 17 Nov 2022 11:29

Tgt Ion: 93 Resp: 80638  
Ion Ratio Lower Upper  
93 100  
66 41.1 31.7 47.5  
65 21.7 17.9 26.9





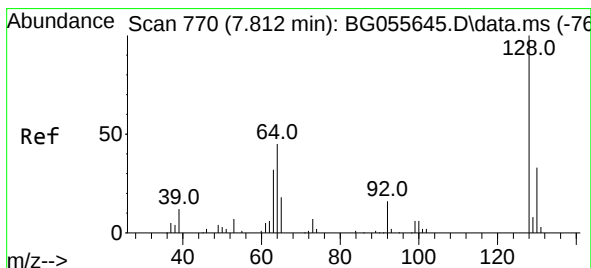
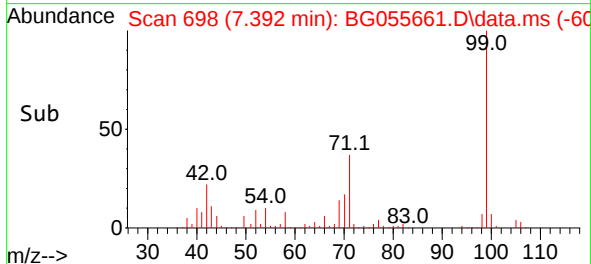
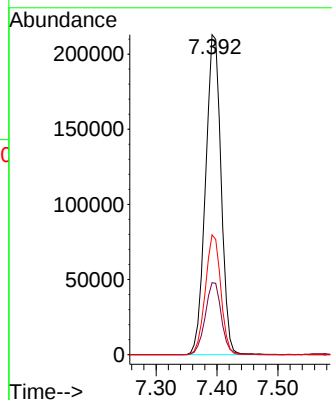
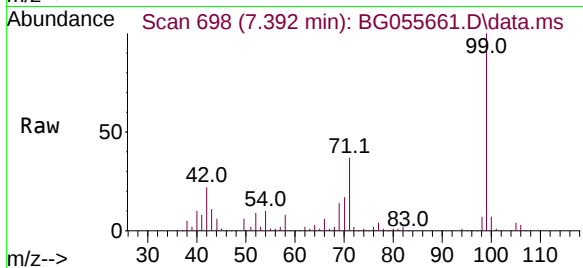
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Phenol-d6  
Concen: 154.630 ng  
RT: 7.392 min Scan# 698  
Delta R.T. 0.003 min  
Lab File: BG055661.D  
Acq: 17 Nov 2022 11:29

Instrument :  
BNA\_G  
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PB148956BS

Tgt Ion: 99 Resp: 376665  
Ion Ratio Lower Upper  
99 100  
42 22.5 18.0 27.0  
71 37.4 29.0 43.6

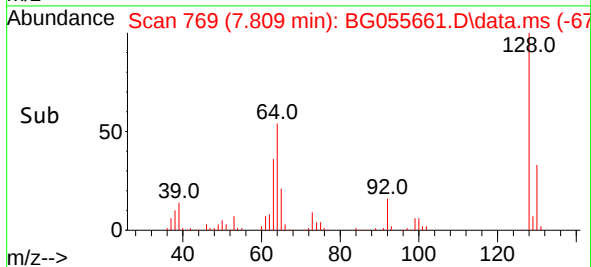
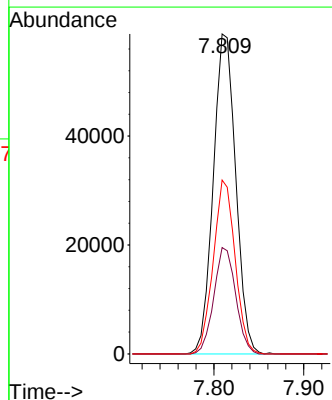
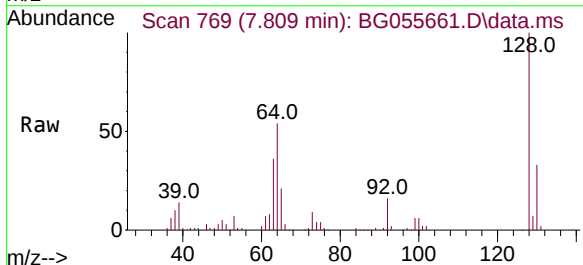
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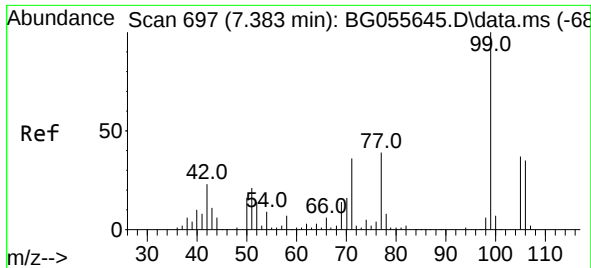
Reviewed By :Christian Giraldo 11/18/2022  
Supervised By :Jagrut Upadhyay 11/18/2022



#8  
2-Chlorophenol  
Concen: 49.066 ng  
RT: 7.809 min Scan# 769  
Delta R.T. -0.003 min  
Lab File: BG055661.D  
Acq: 17 Nov 2022 11:29

Tgt Ion:128 Resp: 102641  
Ion Ratio Lower Upper  
128 100  
130 33.2 13.1 53.1  
64 54.3 30.2 70.2





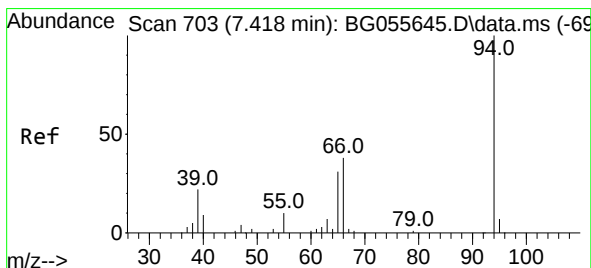
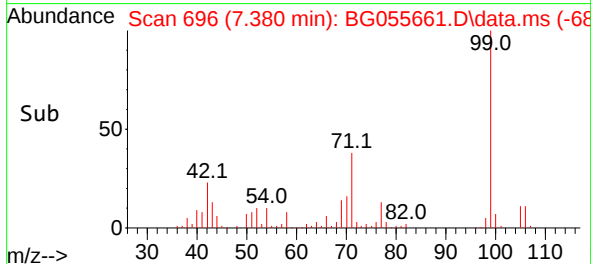
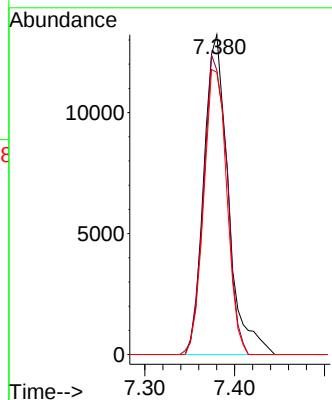
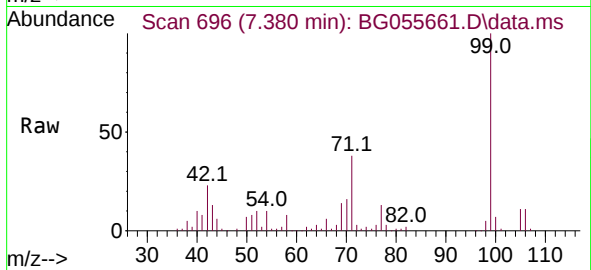
#9  
Benzaldehyde  
Concen: 15.081 ng  
RT: 7.380 min Scan# 697  
Delta R.T. -0.003 min  
Lab File: BG055661.D  
Acq: 17 Nov 2022 11:29

Instrument :  
BNA\_G  
ClientSampleId :  
PB148956BS

Tgt Ion: 77 Resp: 24949  
Ion Ratio Lower Upper  
77 100  
105 88.9 76.3 116.3  
106 88.2 69.8 109.8

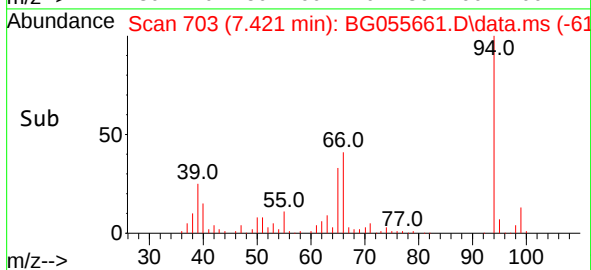
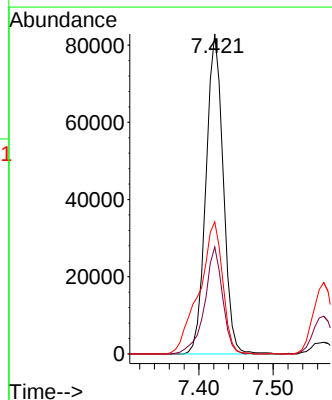
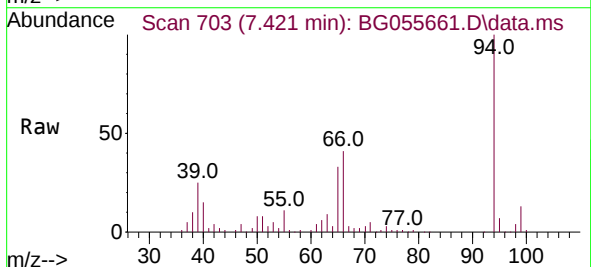
Manual Integrations  
APPROVED

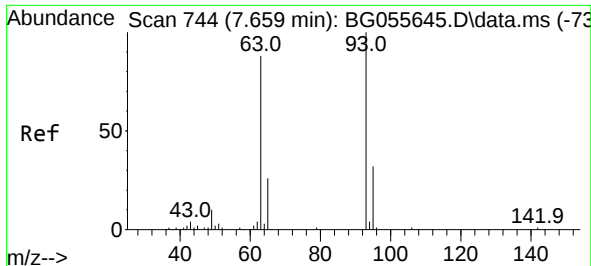
Reviewed By :Christian Giraldo 11/18/2022  
Supervised By :Jagrut Upadhyay 11/18/2022



#10  
Phenol  
Concen: 49.027 ng  
RT: 7.421 min Scan# 703  
Delta R.T. 0.003 min  
Lab File: BG055661.D  
Acq: 17 Nov 2022 11:29

Tgt Ion: 94 Resp: 133720  
Ion Ratio Lower Upper  
94 100  
65 33.4 11.8 51.8  
66 41.3 20.5 60.5





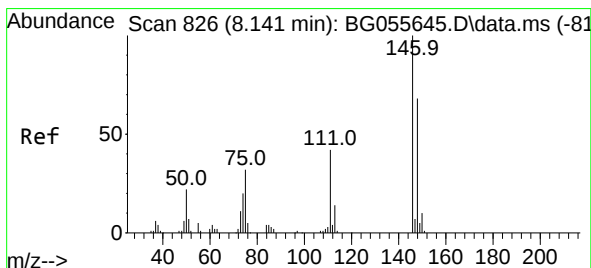
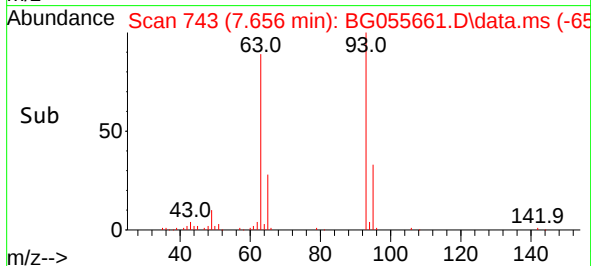
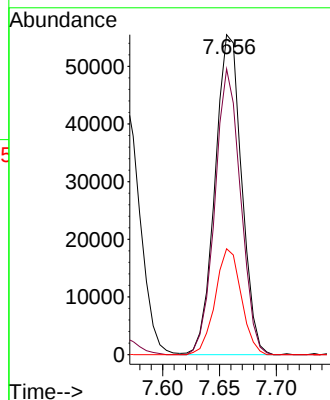
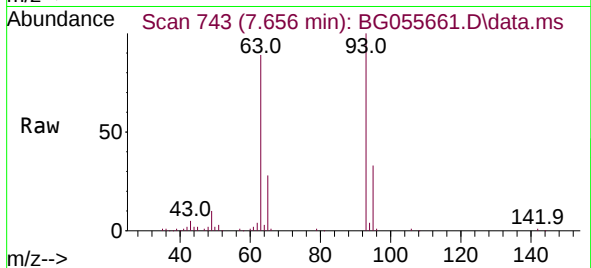
#11  
bis(2-Chloroethyl)ether  
Concen: 43.173 ng  
RT: 7.656 min Scan# 744  
Delta R.T. -0.003 min  
Lab File: BG055661.D  
Acq: 17 Nov 2022 11:29

Instrument :  
BNA\_G  
ClientSampleId :  
PB148956BS

Tgt Ion: 93 Resp: 9024  
Ion Ratio Lower Upper  
93 100  
63 89.3 67.6 107.6  
95 33.1 11.8 51.8

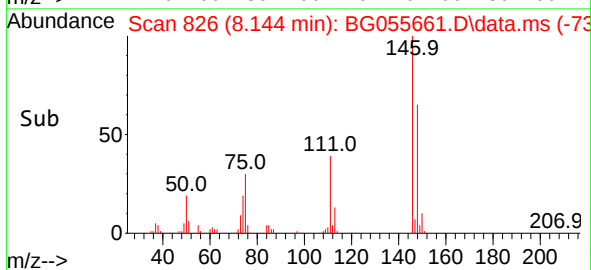
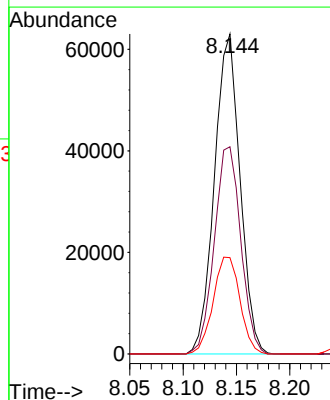
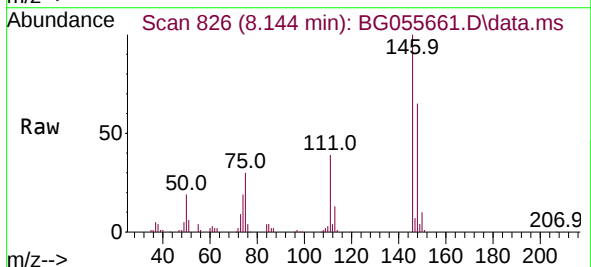
Manual Integrations  
APPROVED

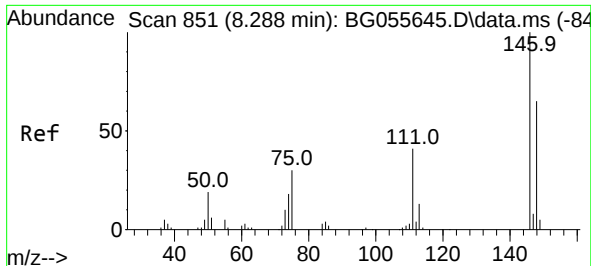
Reviewed By :Christian Giraldo 11/18/2022  
Supervised By :Jagrut Upadhyay 11/18/2022



#12  
1,3-Dichlorobenzene  
Concen: 42.821 ng  
RT: 8.144 min Scan# 826  
Delta R.T. 0.003 min  
Lab File: BG055661.D  
Acq: 17 Nov 2022 11:29

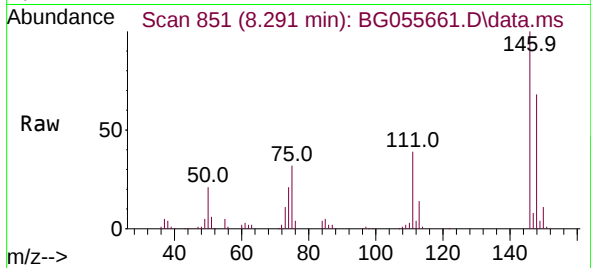
Tgt Ion:146 Resp: 105318  
Ion Ratio Lower Upper  
146 100  
148 64.7 54.6 81.8  
75 30.1 25.8 38.6





#13  
1,4-Dichlorobenzene  
Concen: 42.681 ng  
RT: 8.291 min Scan# 851  
Delta R.T. 0.003 min  
Lab File: BG055661.D  
Acq: 17 Nov 2022 11:29

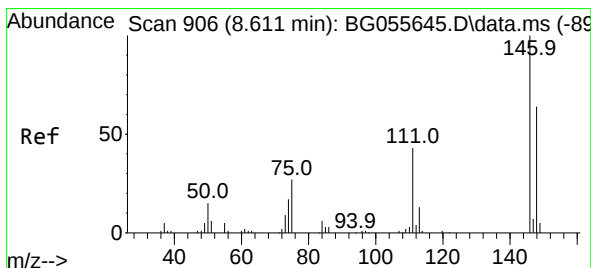
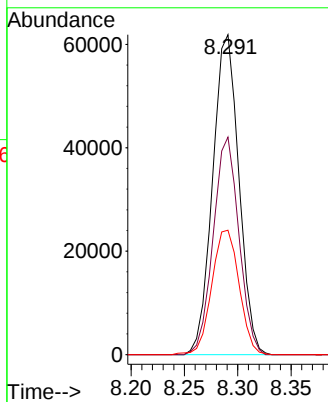
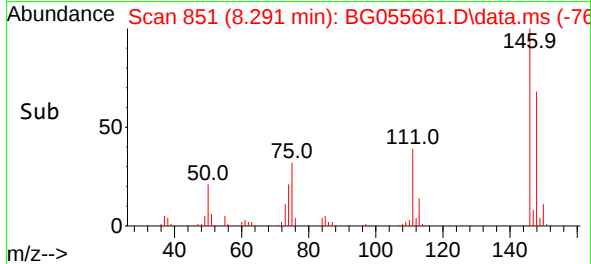
Instrument :  
BNA\_G  
ClientSampleId :  
PB148956BS



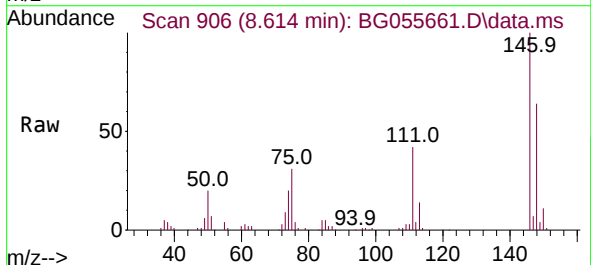
Tgt Ion:146 Resp: 106075  
Ion Ratio Lower Upper  
146 100  
148 68.0 52.1 78.1  
111 38.9 33.0 49.4

Manual Integrations  
APPROVED

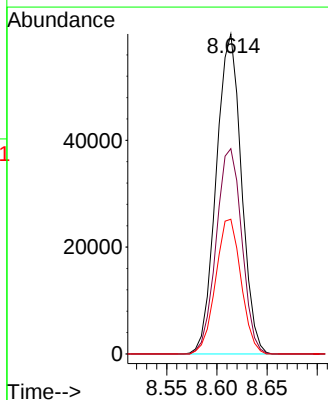
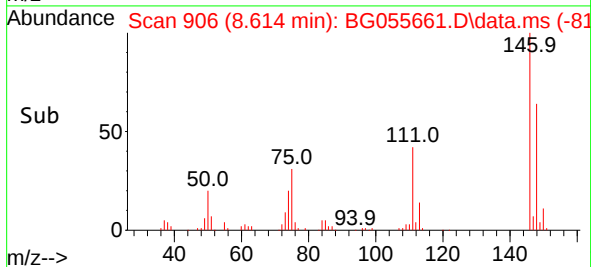
Reviewed By :Christian Giraldo 11/18/2022  
Supervised By :Jagrut Upadhyay 11/18/2022

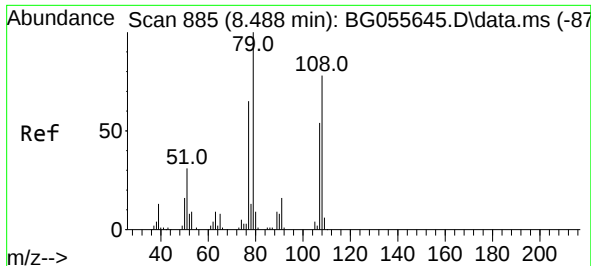


#14  
1,2-Dichlorobenzene  
Concen: 43.933 ng  
RT: 8.614 min Scan# 906  
Delta R.T. 0.003 min  
Lab File: BG055661.D  
Acq: 17 Nov 2022 11:29



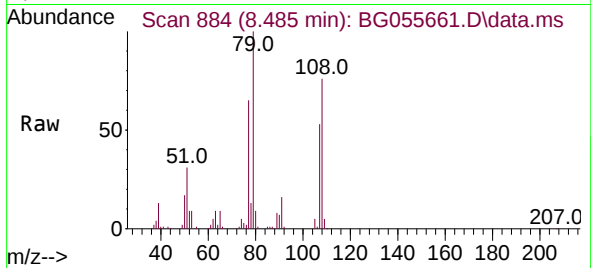
Tgt Ion:146 Resp: 104630  
Ion Ratio Lower Upper  
146 100  
148 64.1 50.9 76.3  
111 42.1 34.5 51.7





#15  
Benzyl Alcohol  
Concen: 48.859 ng m  
RT: 8.485 min Scan# 885  
Delta R.T. -0.003 min  
Lab File: BG055661.D  
Acq: 17 Nov 2022 11:29

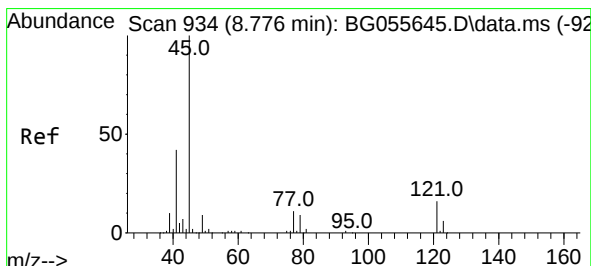
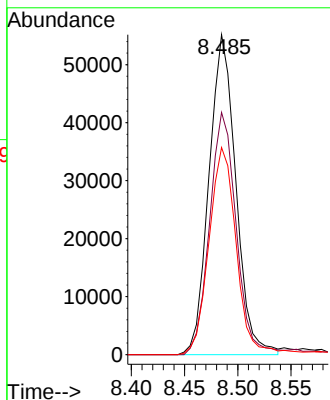
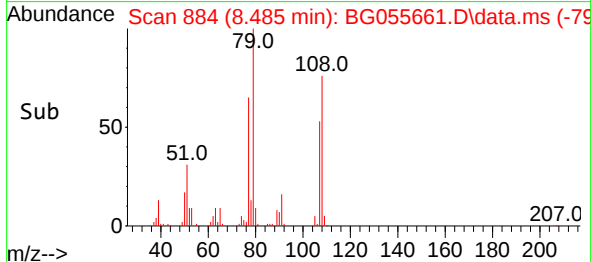
Instrument :  
BNA\_G  
ClientSampleId :  
PB148956BS



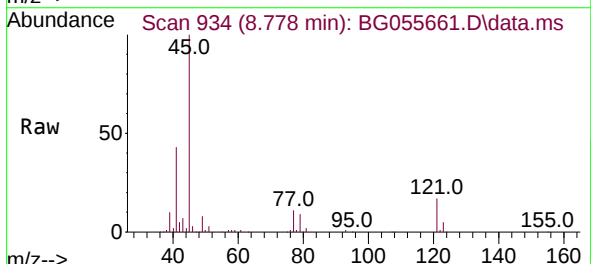
Tgt Ion: 79 Resp: 96726  
Ion Ratio Lower Upper  
79 100  
108 75.7 62.6 93.8  
77 64.7 52.4 78.6

Manual Integrations  
APPROVED

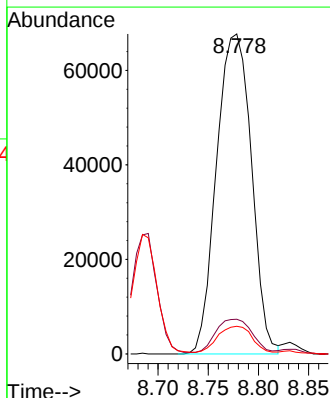
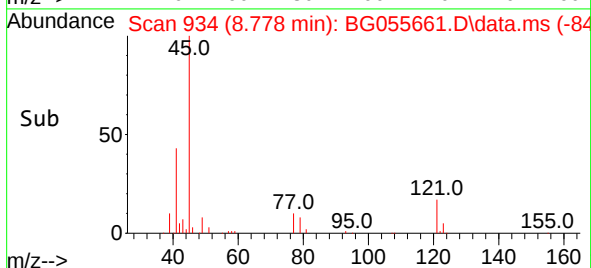
Reviewed By :Christian Giraldo 11/18/2022  
Supervised By :Jagrut Upadhyay 11/18/2022

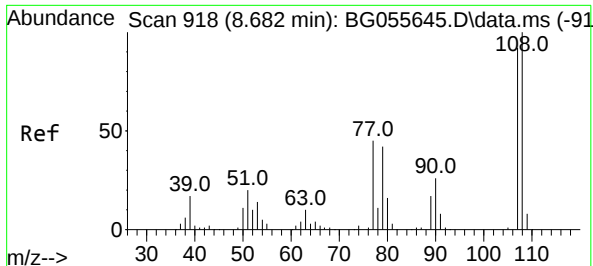


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 43.312 ng  
RT: 8.778 min Scan# 934  
Delta R.T. 0.003 min  
Lab File: BG055661.D  
Acq: 17 Nov 2022 11:29



Tgt Ion: 45 Resp: 163886  
Ion Ratio Lower Upper  
45 100  
77 10.8 0.0 31.7  
79 8.7 0.0 29.5





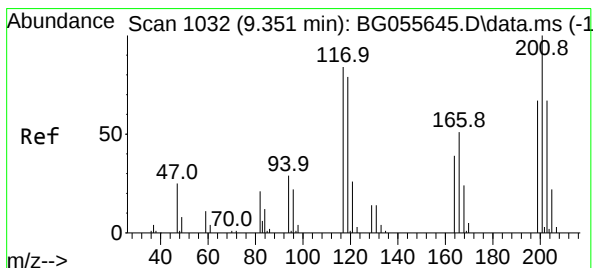
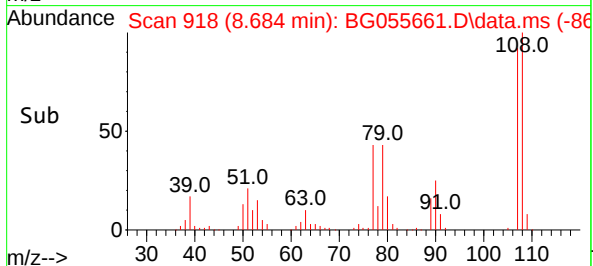
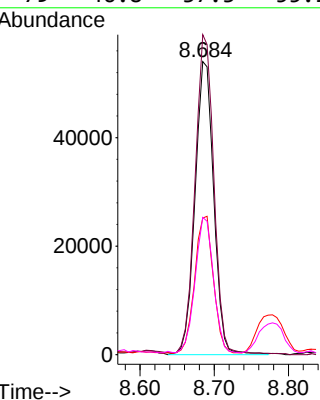
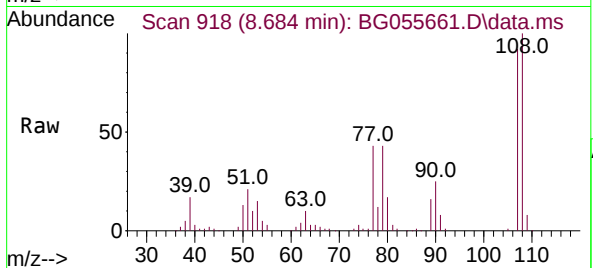
#17  
2-Methylphenol  
Concen: 48.940 ng  
RT: 8.684 min Scan# 918  
Delta R.T. 0.003 min  
Lab File: BG055661.D  
Acq: 17 Nov 2022 11:29

Instrument :  
BNA\_G  
ClientSampleId :  
PB148956BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 107   | Resp: | 94762 |
| Ion Ratio | Lower | Upper |       |
| 107       | 100   |       |       |
| 108       | 109.2 | 87.3  | 130.9 |
| 77        | 46.6  | 39.4  | 59.0  |
| 79        | 46.8  | 37.3  | 55.9  |

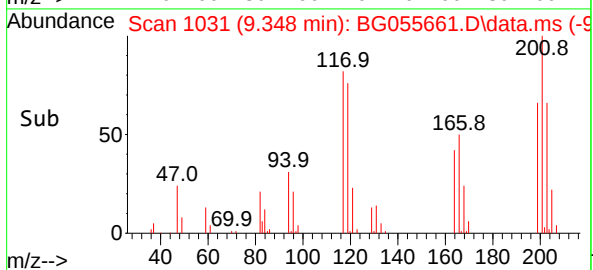
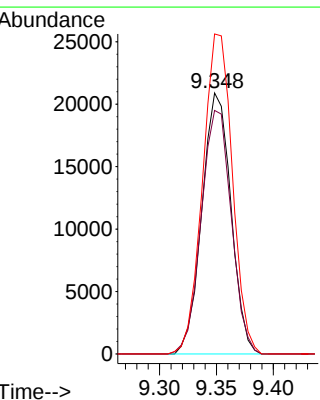
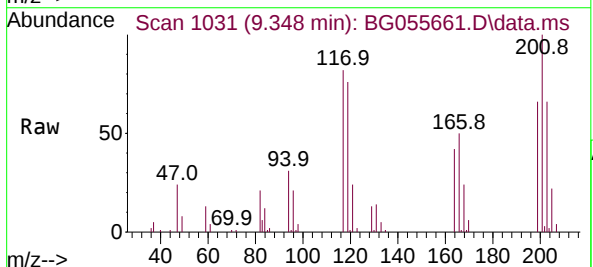
Manual Integrations  
APPROVED

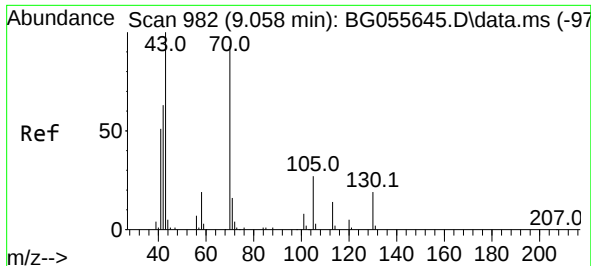
Reviewed By :Christian Giraldo 11/18/2022  
Supervised By :Jagrut Upadhyay 11/18/2022



#18  
Hexachloroethane  
Concen: 43.189 ng  
RT: 9.348 min Scan# 1031  
Delta R.T. -0.003 min  
Lab File: BG055661.D  
Acq: 17 Nov 2022 11:29

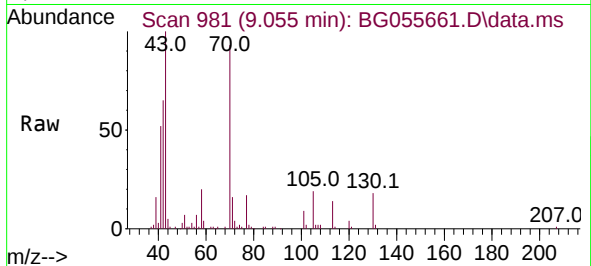
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 36944 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 119       | 93.3  | 76.0  | 114.0 |
| 201       | 122.7 | 98.6  | 148.0 |





#19  
n-Nitroso-di-n-propylamine  
Concen: 43.780 ng  
RT: 9.055 min Scan# 981  
Delta R.T. -0.003 min  
Lab File: BG055661.D  
Acq: 17 Nov 2022 11:29

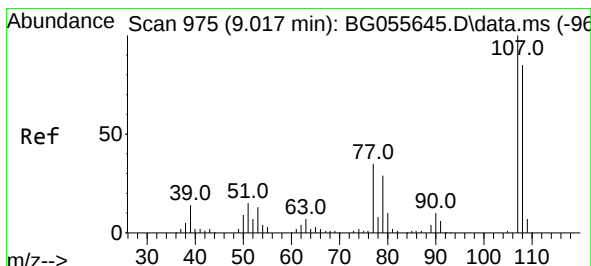
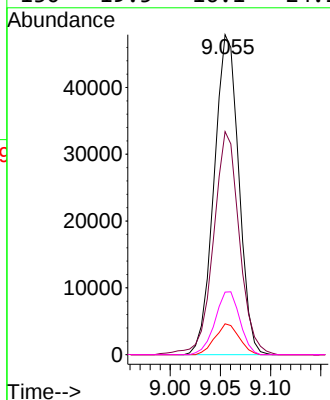
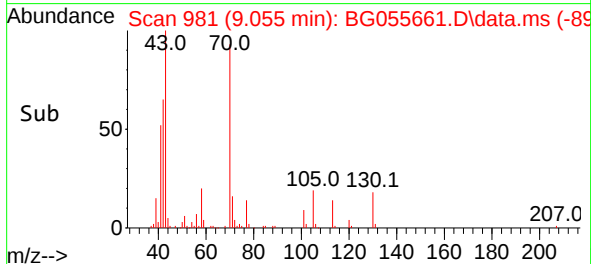
Instrument :  
BNA\_G  
ClientSampleId :  
PB148956BS



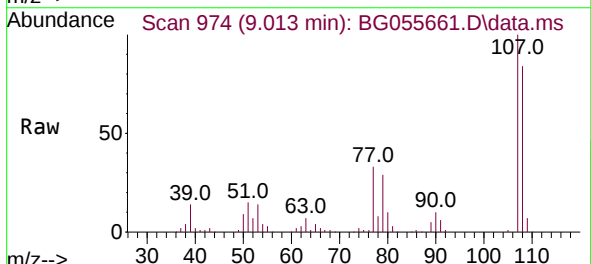
Tgt Ion: 70 Resp: 81938  
Ion Ratio Lower Upper  
70 100  
42 69.7 55.2 82.8  
101 9.6 7.1 10.7  
130 19.5 16.1 24.1

Manual Integrations  
APPROVED

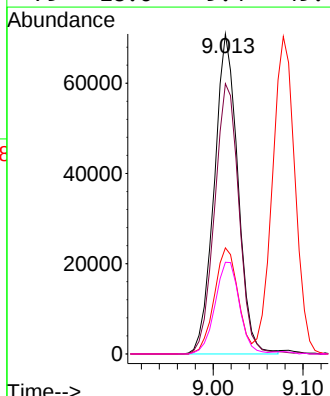
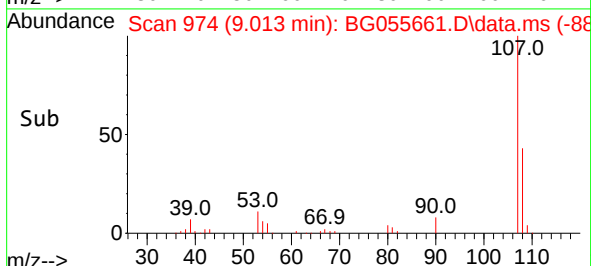
Reviewed By :Christian Giraldo 11/18/2022  
Supervised By :Jagrut Upadhyay 11/18/2022

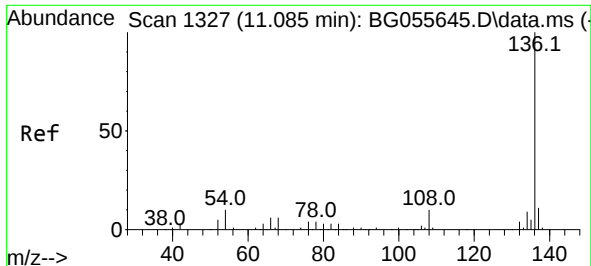


#20  
3+4-Methylphenols  
Concen: 48.072 ng  
RT: 9.013 min Scan# 974  
Delta R.T. -0.003 min  
Lab File: BG055661.D  
Acq: 17 Nov 2022 11:29



Tgt Ion:107 Resp: 130036  
Ion Ratio Lower Upper  
107 100  
108 84.4 65.5 105.5  
77 33.1 14.6 54.6  
79 28.6 9.4 49.4





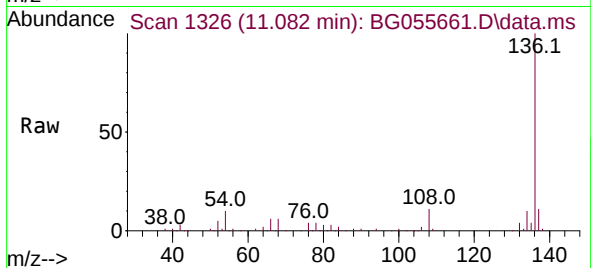
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.082 min Scan# 1327  
Delta R.T. -0.003 min  
Lab File: BG055661.D  
Acq: 17 Nov 2022 11:29

Instrument :

BNA\_G

ClientSampleId :

PB148956BS

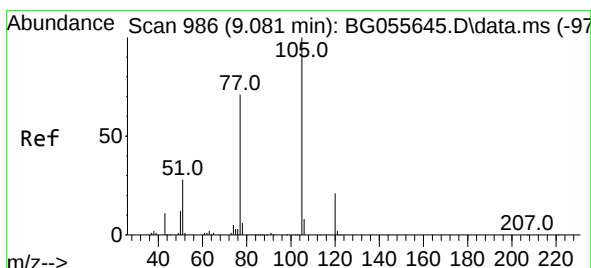
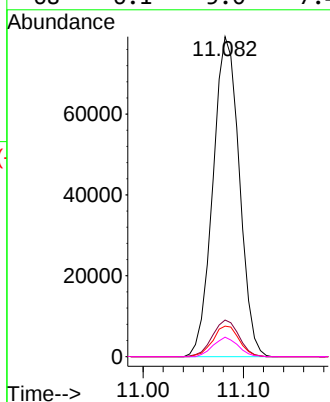
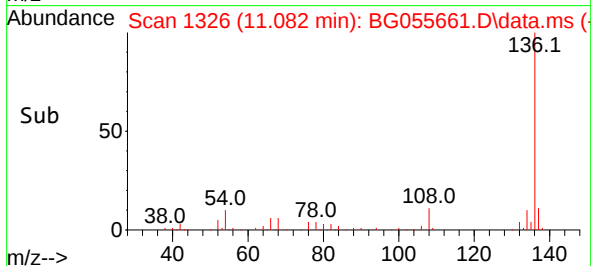


Tgt Ion:136 Resp: 144710  
Ion Ratio Lower Upper  
136 100  
137 11.4 9.0 13.6  
54 9.5 7.8 11.6  
68 6.1 5.0 7.4

Manual Integrations

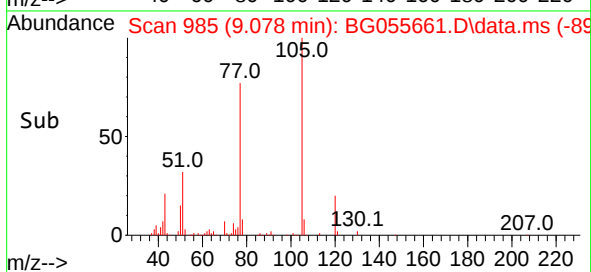
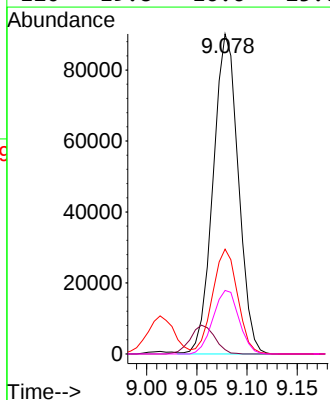
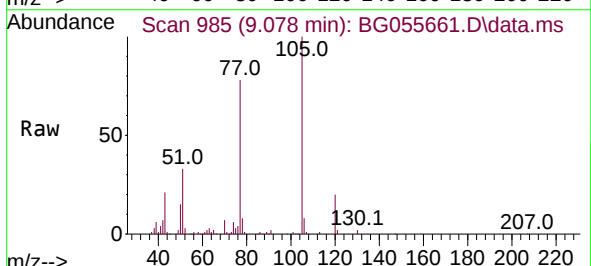
APPROVED

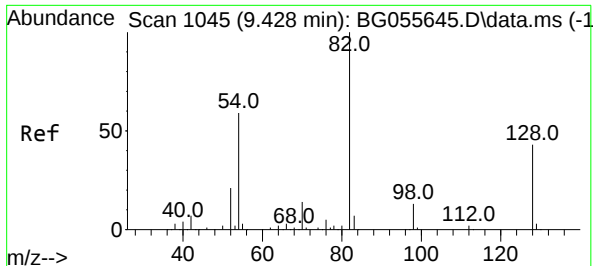
Reviewed By :Christian Giraldo 11/18/2022  
Supervised By :Jagrut Upadhyay 11/18/2022



#22  
Acetophenone  
Concen: 41.885 ng  
RT: 9.078 min Scan# 985  
Delta R.T. -0.003 min  
Lab File: BG055661.D  
Acq: 17 Nov 2022 11:29

Tgt Ion:105 Resp: 157500  
Ion Ratio Lower Upper  
105 100  
71 1.3 0.6 1.0#  
51 32.7 24.5 36.7  
120 19.8 16.6 25.0





#23

Nitrobenzene-d5

Concen: 83.436 ng

RT: 9.425 min Scan# 1044

Delta R.T. -0.003 min

Lab File: BG055661.D

Acq: 17 Nov 2022 11:29

Instrument :

BNA\_G

ClientSampleId :

PB148956BS

Tgt Ion: 82 Resp: 228439

Ion Ratio Lower Upper

82 100

128 42.4 34.1 51.1

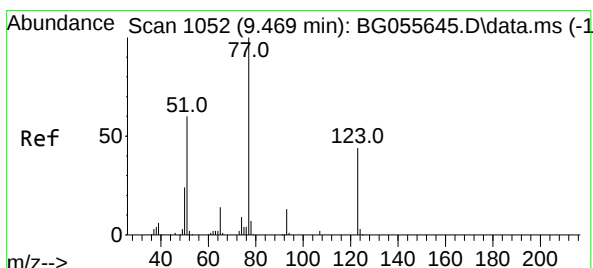
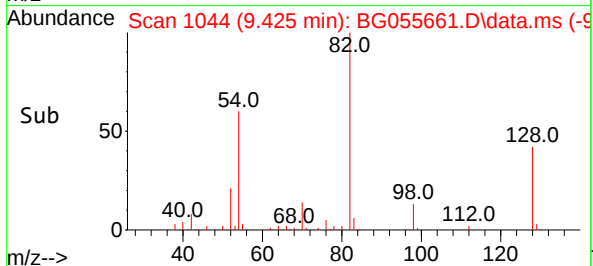
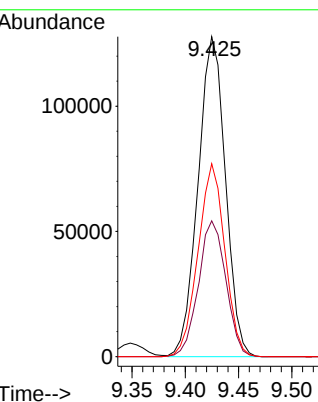
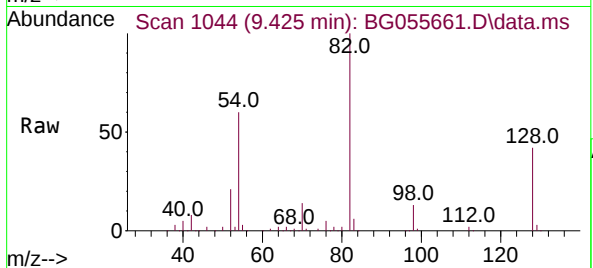
54 60.3 47.3 70.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/18/2022

Supervised By :Jagrut Upadhyay 11/18/2022



#24

Nitrobenzene

Concen: 41.092 ng

RT: 9.466 min Scan# 1051

Delta R.T. -0.003 min

Lab File: BG055661.D

Acq: 17 Nov 2022 11:29

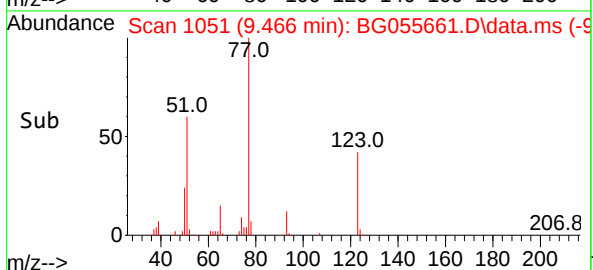
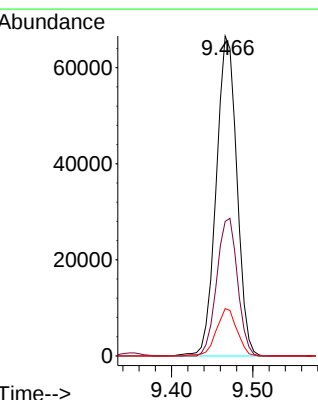
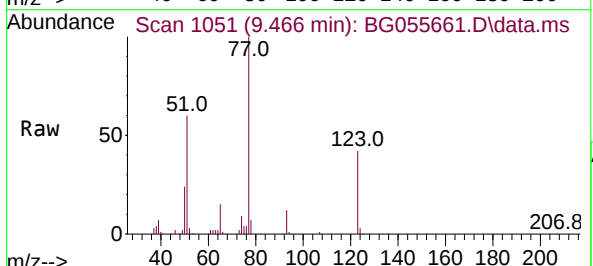
Tgt Ion: 77 Resp: 117515

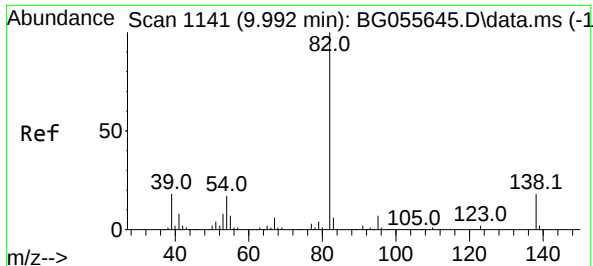
Ion Ratio Lower Upper

77 100

123 42.0 35.5 53.3

65 14.8 11.5 17.3





#25  
Isophorone  
Concen: 43.654 ng  
RT: 9.989 min Scan# 1141  
Delta R.T. -0.003 min  
Lab File: BG055661.D  
Acq: 17 Nov 2022 11:29

Instrument :

BNA\_G

ClientSampleId :

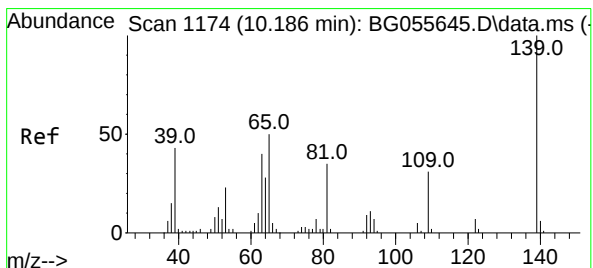
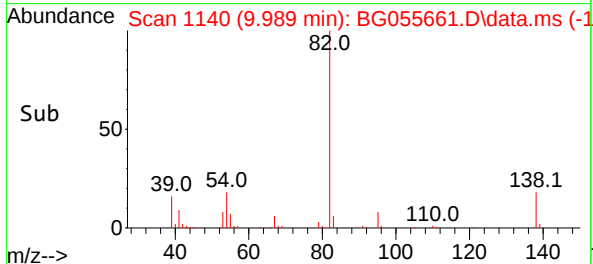
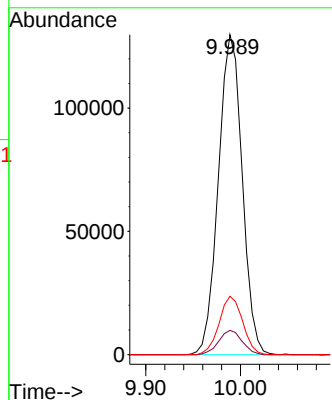
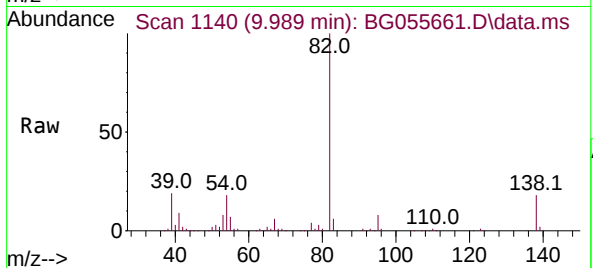
PB148956BS

Tgt Ion: 82 Resp: 22645  
Ion Ratio Lower Upper  
82 100  
95 7.6 5.5 8.3  
138 18.2 14.2 21.4

Manual Integrations

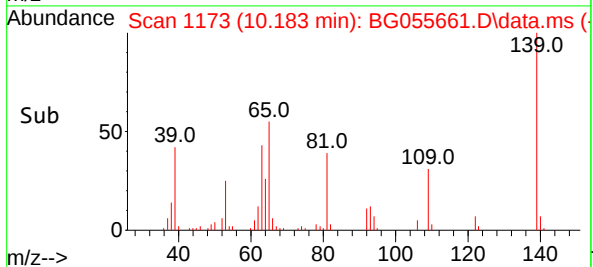
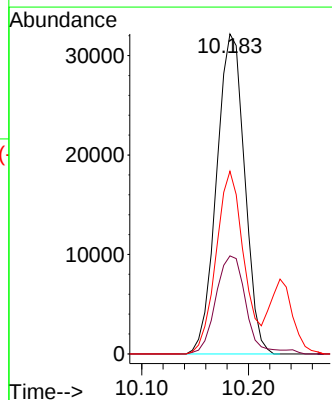
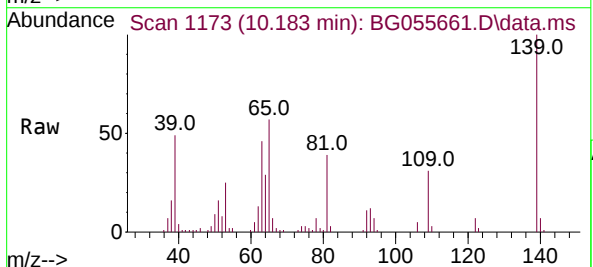
APPROVED

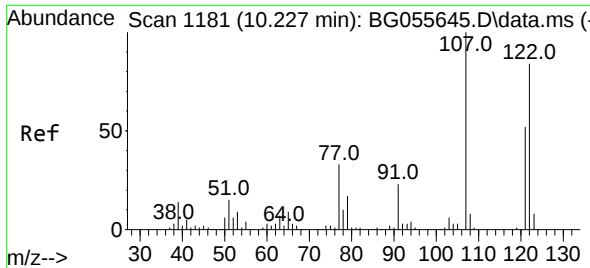
Reviewed By :Christian Giraldo 11/18/2022  
Supervised By :Jagrut Upadhyay 11/18/2022



#26  
2-Nitrophenol  
Concen: 44.519 ng  
RT: 10.183 min Scan# 1173  
Delta R.T. -0.003 min  
Lab File: BG055661.D  
Acq: 17 Nov 2022 11:29

Tgt Ion:139 Resp: 58773  
Ion Ratio Lower Upper  
139 100  
109 30.7 24.4 36.6  
65 57.1 40.2 60.2





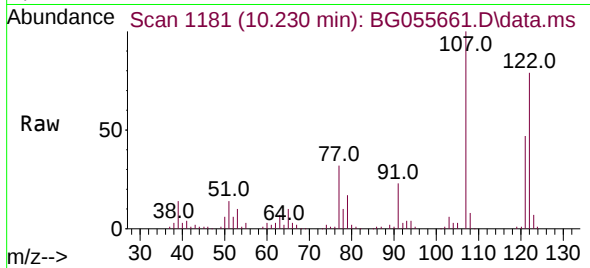
#27  
2,4-Dimethylphenol  
Concen: 52.248 ng  
RT: 10.230 min Scan# 1181  
Delta R.T. 0.003 min  
Lab File: BG055661.D  
Acq: 17 Nov 2022 11:29

Instrument :

BNA\_G

ClientSampleId :

PB148956BS

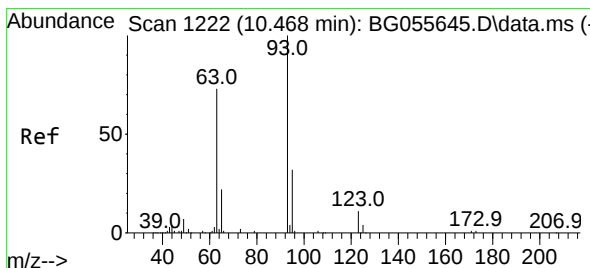
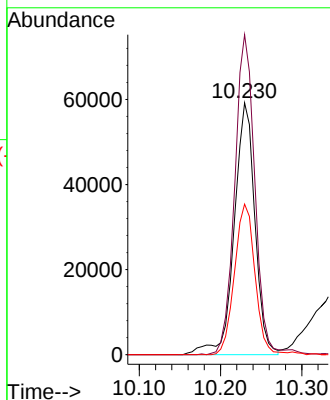
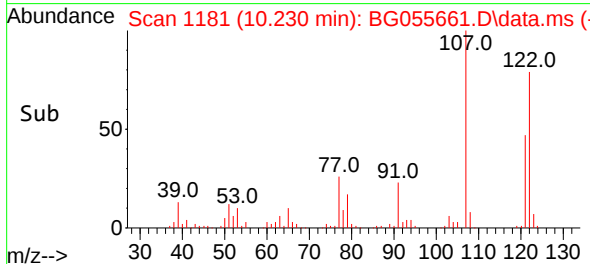


Tgt Ion:122 Resp: 104979  
Ion Ratio Lower Upper  
122 100  
107 127.1 95.8 143.6  
121 59.8 49.6 74.4

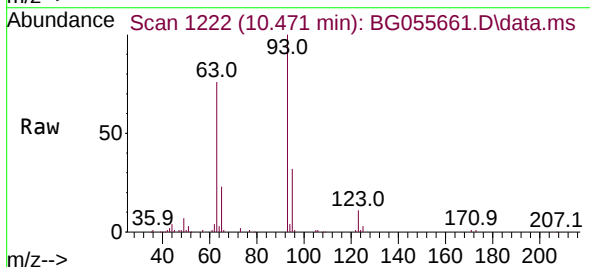
Manual Integrations

APPROVED

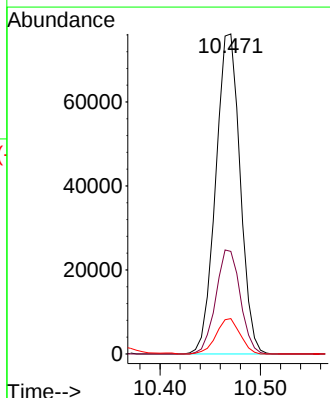
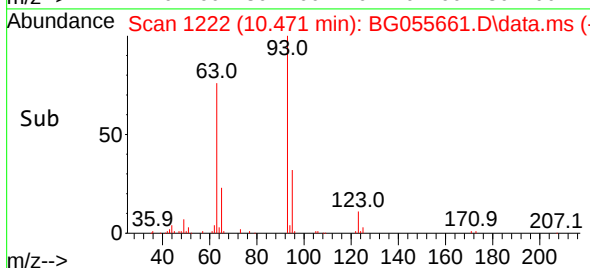
Reviewed By :Christian Giraldo 11/18/2022  
Supervised By :Jagrut Upadhyay 11/18/2022

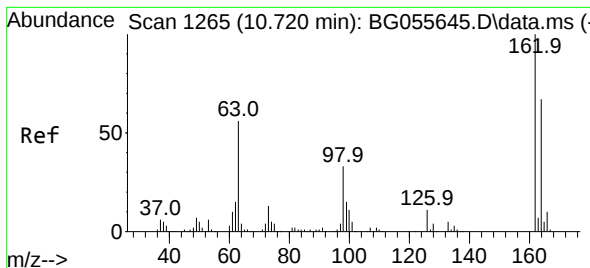


#28  
bis(2-Chloroethoxy)methane  
Concen: 46.267 ng  
RT: 10.471 min Scan# 1222  
Delta R.T. 0.003 min  
Lab File: BG055661.D  
Acq: 17 Nov 2022 11:29



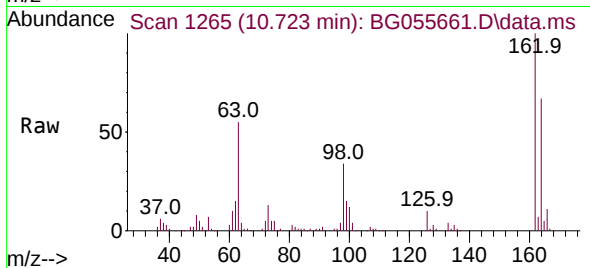
Tgt Ion: 93 Resp: 128851  
Ion Ratio Lower Upper  
93 100  
95 32.0 25.7 38.5  
123 11.0 8.9 13.3





#29  
2,4-Dichlorophenol  
Concen: 45.833 ng  
RT: 10.723 min Scan# 1265  
Delta R.T. 0.003 min  
Lab File: BG055661.D  
Acq: 17 Nov 2022 11:29

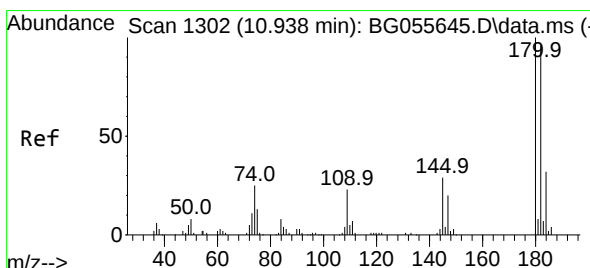
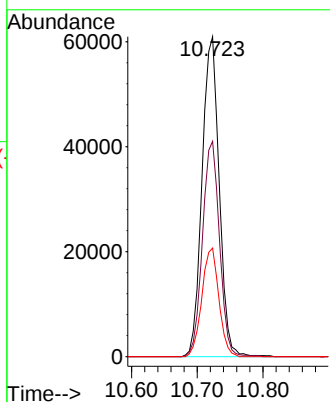
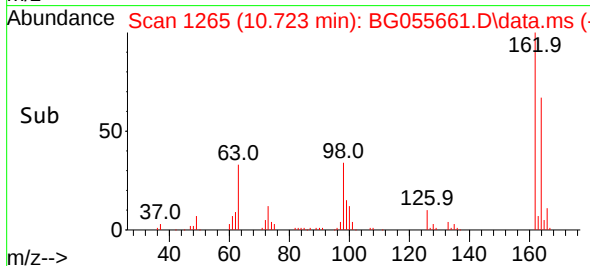
Instrument :  
BNA\_G  
ClientSampleId :  
PB148956BS



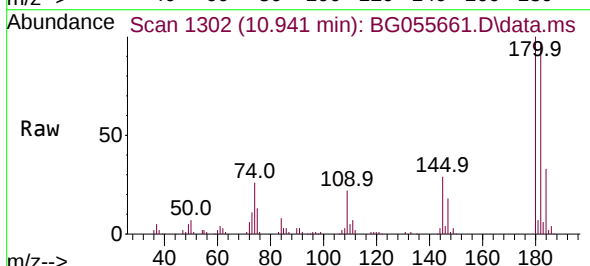
Tgt Ion:162 Resp: 110223  
Ion Ratio Lower Upper  
162 100  
164 67.3 46.7 86.7  
98 33.9 12.8 52.8

Manual Integrations  
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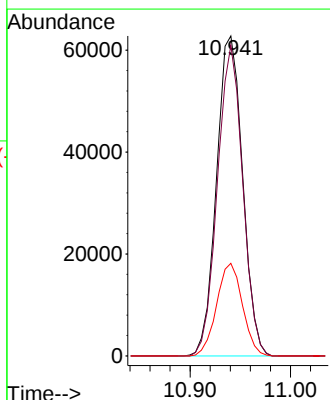
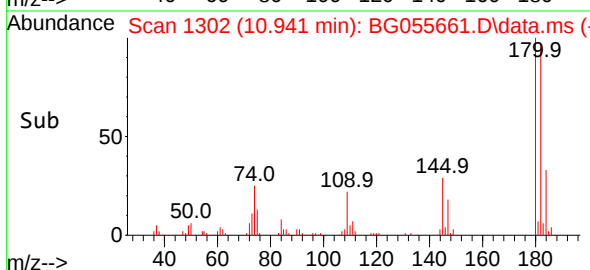
Reviewed By :Christian Giraldo 11/18/2022  
Supervised By :Jagrut Upadhyay 11/18/2022

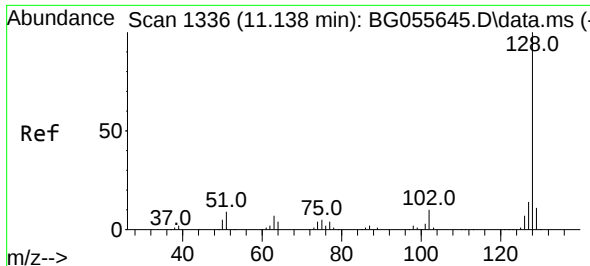


#30  
1,2,4-Trichlorobenzene  
Concen: 40.650 ng  
RT: 10.941 min Scan# 1302  
Delta R.T. 0.003 min  
Lab File: BG055661.D  
Acq: 17 Nov 2022 11:29



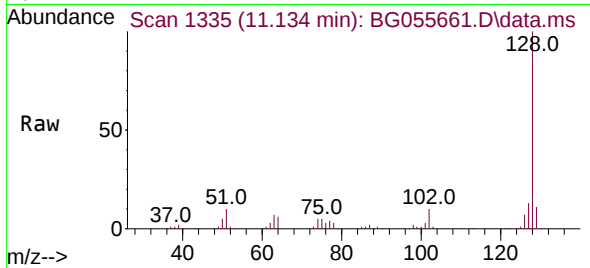
Tgt Ion:180 Resp: 113575  
Ion Ratio Lower Upper  
180 100  
182 97.0 77.1 115.7  
145 28.9 22.9 34.3





#31  
Naphthalene  
Concen: 40.038 ng  
RT: 11.134 min Scan# 1336  
Delta R.T. -0.003 min  
Lab File: BG055661.D  
Acq: 17 Nov 2022 11:29

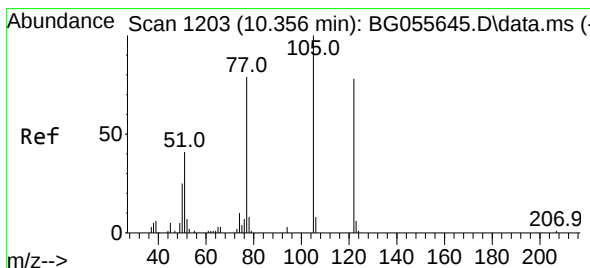
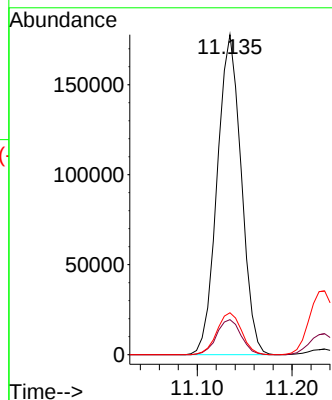
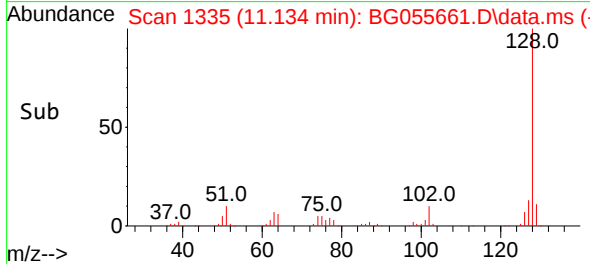
Instrument :  
BNA\_G  
ClientSampleId :  
PB148956BS



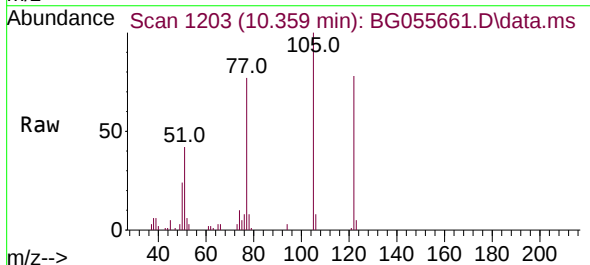
Tgt Ion:128 Resp: 313208  
Ion Ratio Lower Upper  
128 100  
129 10.9 8.7 13.1  
127 13.1 10.9 16.3

Manual Integrations  
APPROVED

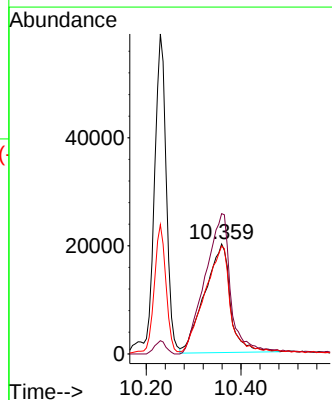
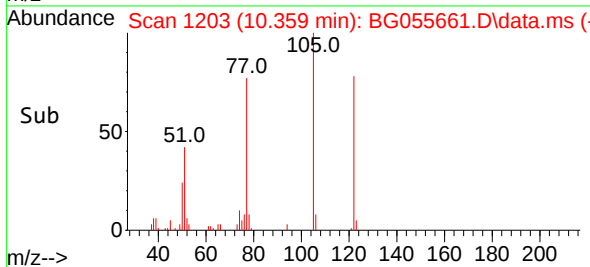
Reviewed By :Christian Giraldo 11/18/2022  
Supervised By :Jagrut Upadhyay 11/18/2022

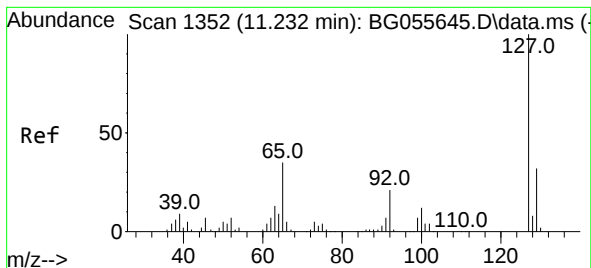


#32  
Benzoic acid  
Concen: 45.926 ng  
RT: 10.359 min Scan# 1203  
Delta R.T. 0.003 min  
Lab File: BG055661.D  
Acq: 17 Nov 2022 11:29



Tgt Ion:122 Resp: 75919  
Ion Ratio Lower Upper  
122 100  
105 127.7 104.3 144.3  
77 98.2 79.9 119.9





#33  
4-Chloroaniline  
Concen: 21.674 ng  
RT: 11.234 min Scan# 1352  
Delta R.T. 0.003 min  
Lab File: BG055661.D  
Acq: 17 Nov 2022 11:29

Instrument :

BNA\_G

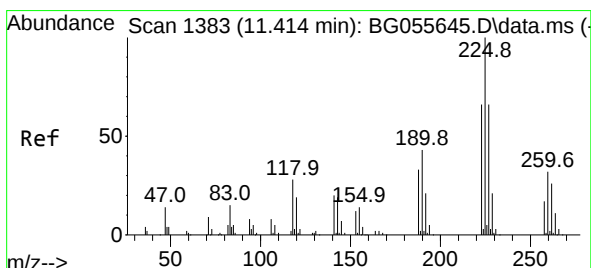
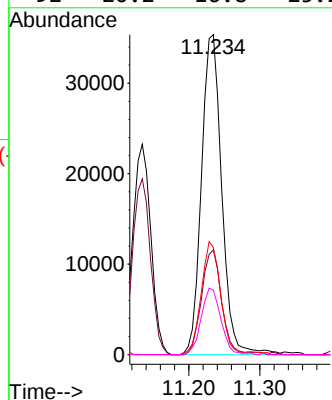
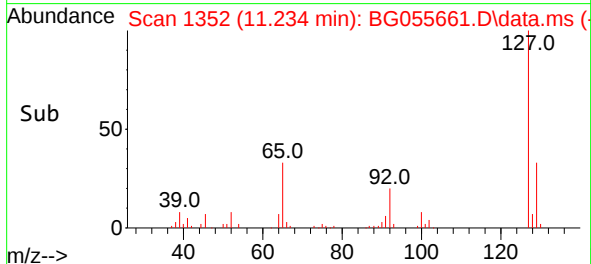
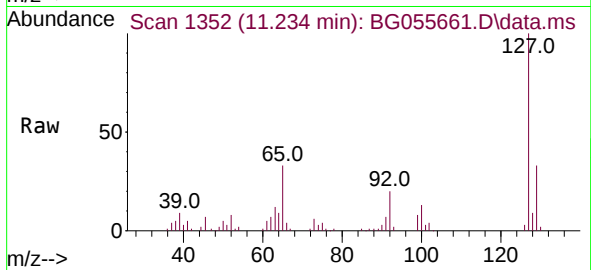
ClientSampleId :

PB148956BS

Tgt Ion:127 Resp: 69942  
Ion Ratio Lower Upper  
127 100  
129 32.7 25.9 38.9  
65 33.5 27.9 41.9  
92 20.2 16.8 25.2

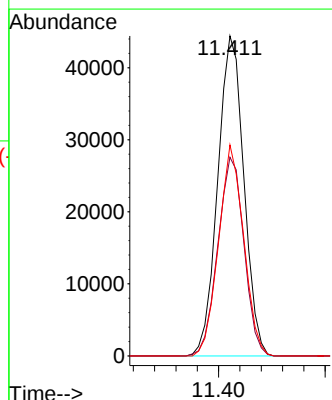
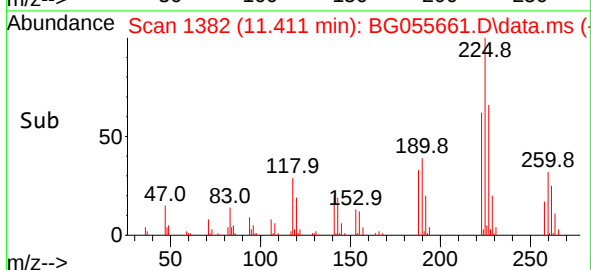
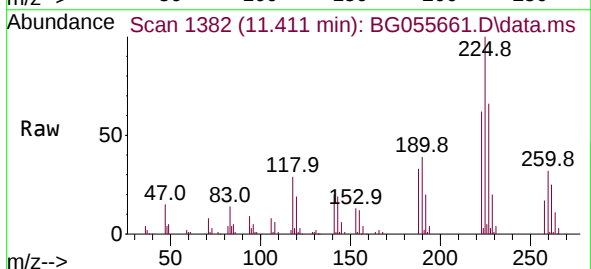
Manual Integrations  
APPROVED

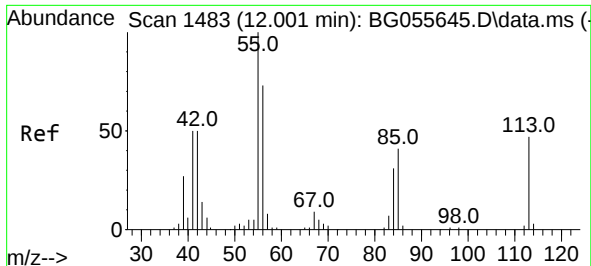
Reviewed By :Christian Giraldo 11/18/2022  
Supervised By :Jagrut Upadhyay 11/18/2022



#34  
Hexachlorobutadiene  
Concen: 39.611 ng  
RT: 11.411 min Scan# 1382  
Delta R.T. -0.003 min  
Lab File: BG055661.D  
Acq: 17 Nov 2022 11:29

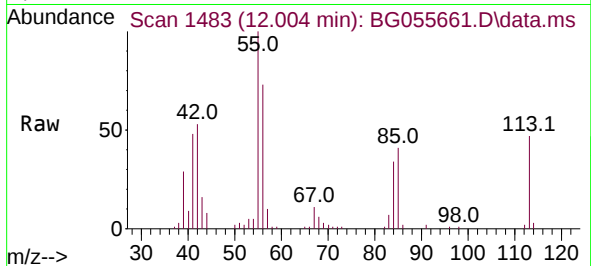
Tgt Ion:225 Resp: 75570  
Ion Ratio Lower Upper  
225 100  
223 62.1 52.9 79.3  
227 65.9 52.6 79.0





#35  
Caprolactam  
Concen: 46.262 ng m  
RT: 12.004 min Scan# 1483  
Delta R.T. 0.003 min  
Lab File: BG055661.D  
Acq: 17 Nov 2022 11:29

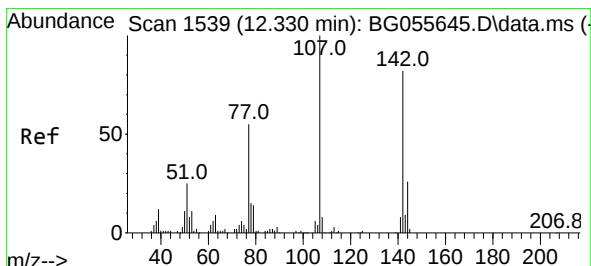
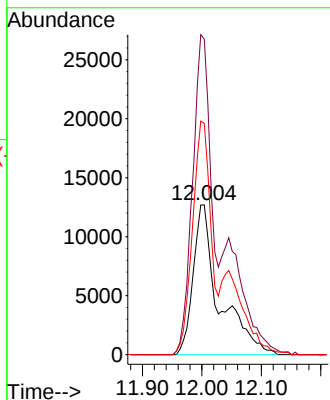
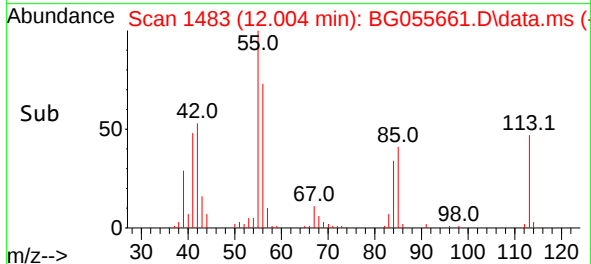
Instrument :  
BNA\_G  
ClientSampleId :  
PB148956BS



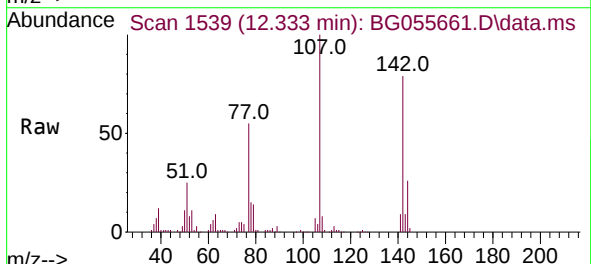
Tgt Ion:113 Resp: 38500  
Ion Ratio Lower Upper  
113 100  
55 210.7 193.5 233.5  
56 154.5 135.2 175.2

Manual Integrations  
APPROVED

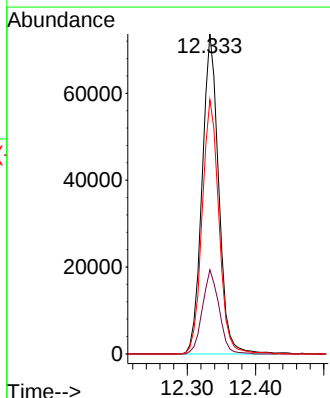
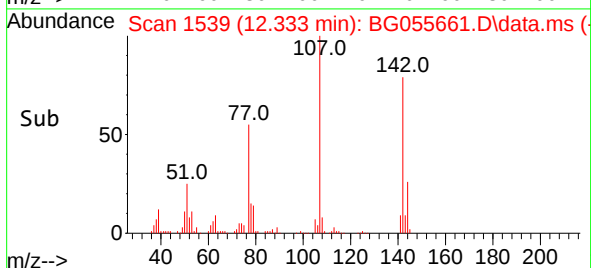
Reviewed By :Christian Giraldo 11/18/2022  
Supervised By :Jagrut Upadhyay 11/18/2022

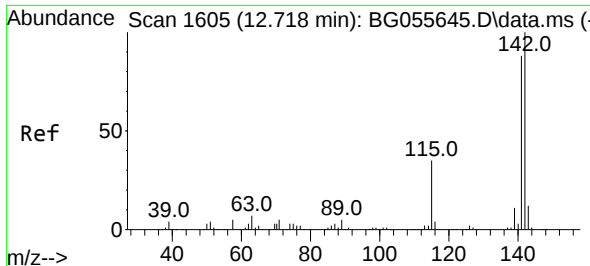


#36  
4-Chloro-3-methylphenol  
Concen: 47.089 ng  
RT: 12.333 min Scan# 1539  
Delta R.T. 0.003 min  
Lab File: BG055661.D  
Acq: 17 Nov 2022 11:29



Tgt Ion:107 Resp: 124467  
Ion Ratio Lower Upper  
107 100  
144 26.3 21.0 31.4  
142 79.4 65.9 98.9





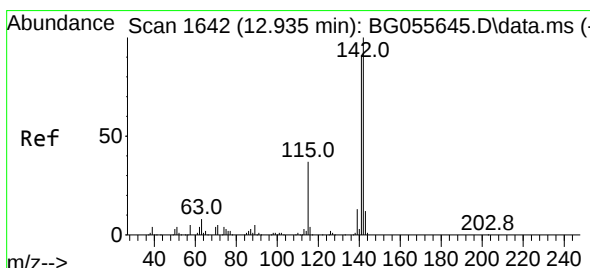
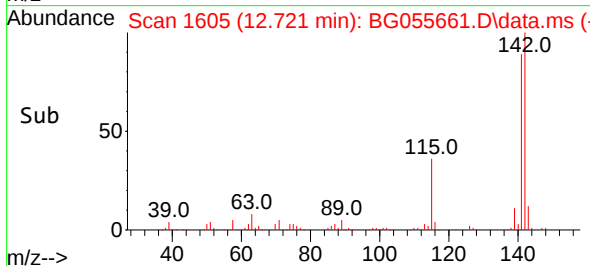
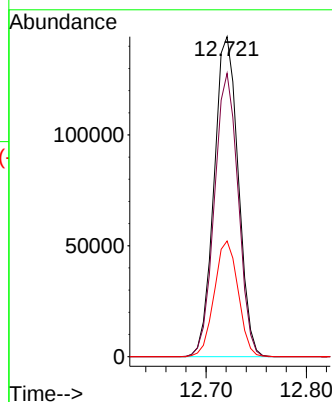
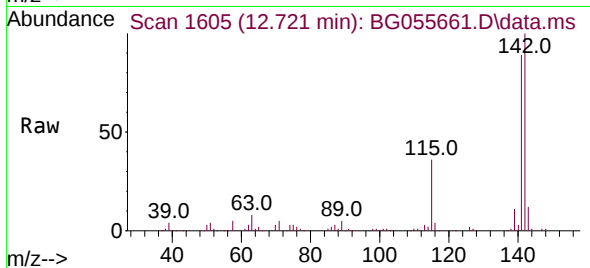
#37  
2-Methylnaphthalene  
Concen: 41.320 ng  
RT: 12.721 min Scan# 1605  
Delta R.T. 0.003 min  
Lab File: BG055661.D  
Acq: 17 Nov 2022 11:29

Instrument :  
BNA\_G  
ClientSampleId :  
PB148956BS

Tgt Ion:142 Resp: 242022  
Ion Ratio Lower Upper  
142 100  
141 88.5 70.3 105.5  
115 36.1 27.9 41.9

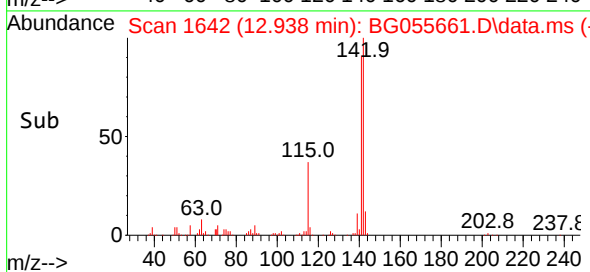
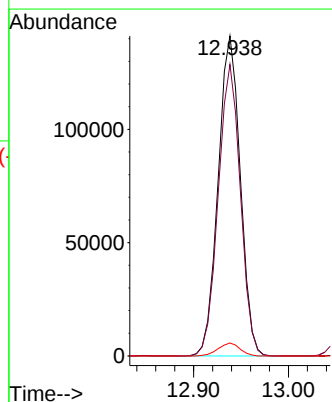
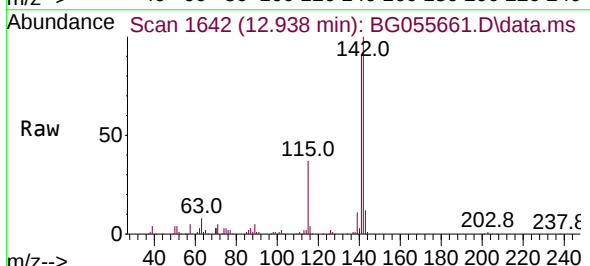
Manual Integrations  
APPROVED

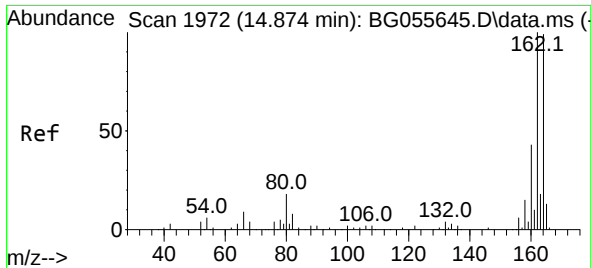
Reviewed By :Christian Giraldo 11/18/2022  
Supervised By :Jagrut Upadhyay 11/18/2022



#38  
1-Methylnaphthalene  
Concen: 40.314 ng  
RT: 12.938 min Scan# 1642  
Delta R.T. 0.003 min  
Lab File: BG055661.D  
Acq: 17 Nov 2022 11:29

Tgt Ion:142 Resp: 229234  
Ion Ratio Lower Upper  
142 100  
141 91.1 73.0 109.4  
116 4.0 3.1 4.7





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.877 min Scan# 1972  
Delta R.T. 0.003 min  
Lab File: BG055661.D  
Acq: 17 Nov 2022 11:29

Instrument :

BNA\_G

ClientSampleId :

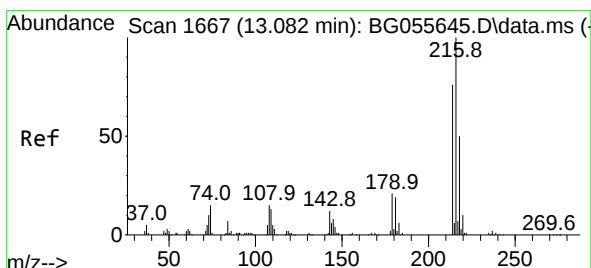
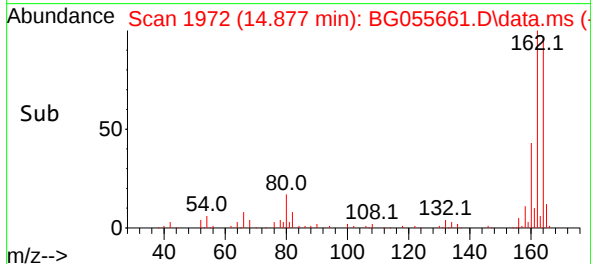
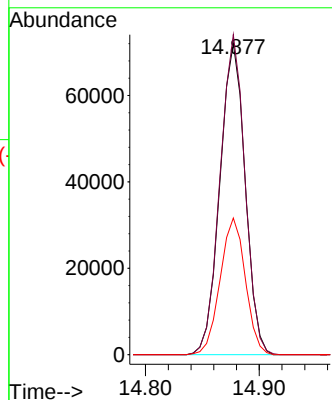
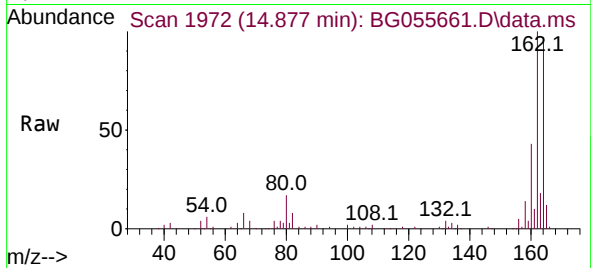
PB148956BS

Tgt Ion:164 Resp: 111020  
Ion Ratio Lower Upper  
164 100  
162 102.8 81.1 121.7  
160 43.9 34.8 52.2

Manual Integrations

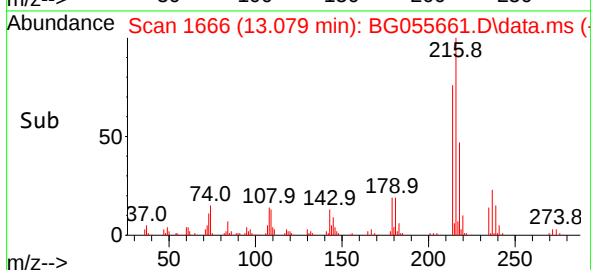
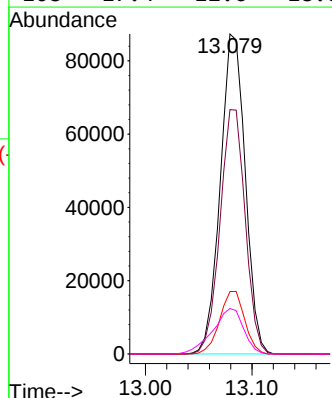
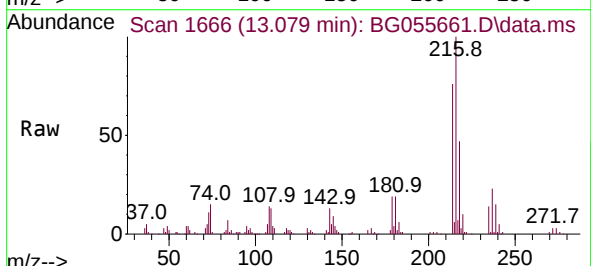
APPROVED

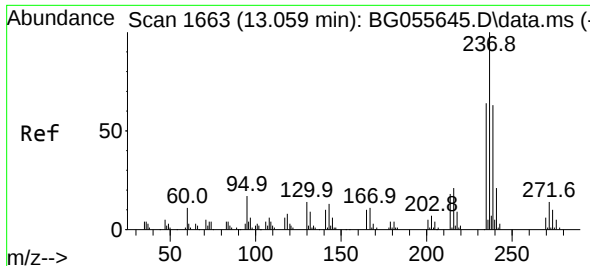
Reviewed By :Christian Giraldo 11/18/2022  
Supervised By :Jagrut Upadhyay 11/18/2022



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 40.754 ng  
RT: 13.079 min Scan# 1666  
Delta R.T. -0.003 min  
Lab File: BG055661.D  
Acq: 17 Nov 2022 11:29

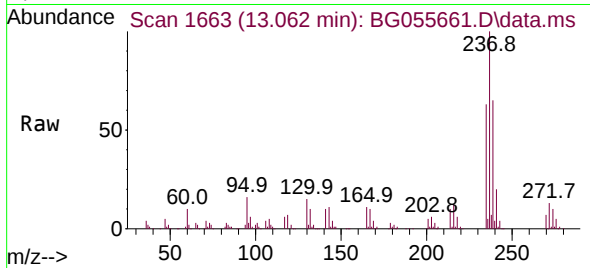
Tgt Ion:216 Resp: 142186  
Ion Ratio Lower Upper  
216 100  
214 76.8 62.1 93.1  
179 19.5 16.5 24.7  
108 17.4 12.6 18.8





#41  
Hexachlorocyclopentadiene  
Concen: 105.164 ng  
RT: 13.062 min Scan# 1663  
Delta R.T. 0.003 min  
Lab File: BG055661.D  
Acq: 17 Nov 2022 11:29

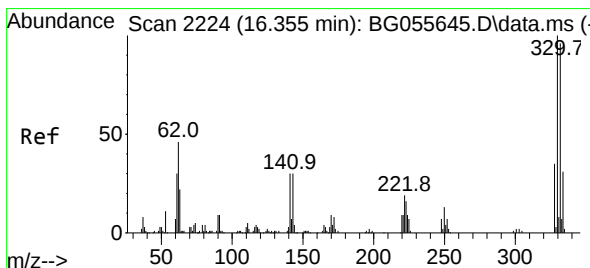
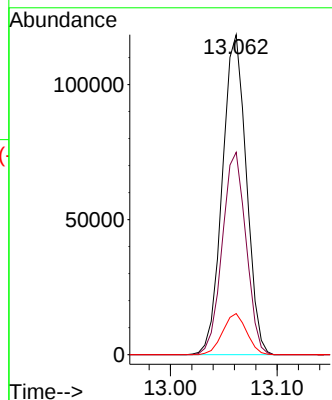
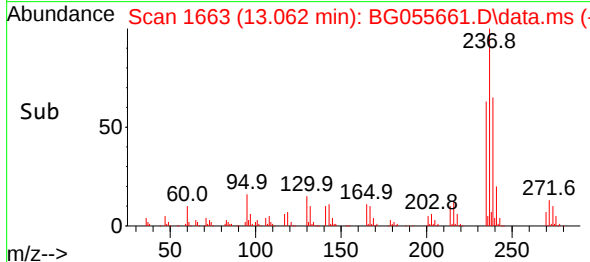
Instrument :  
BNA\_G  
ClientSampleId :  
PB148956BS



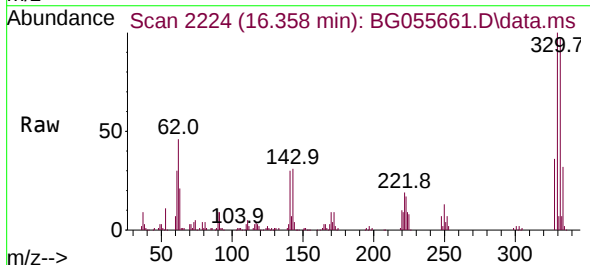
Tgt Ion:237 Resp: 184921  
Ion Ratio Lower Upper  
237 100  
235 63.2 43.7 83.7  
272 12.8 0.0 33.6

Manual Integrations  
APPROVED

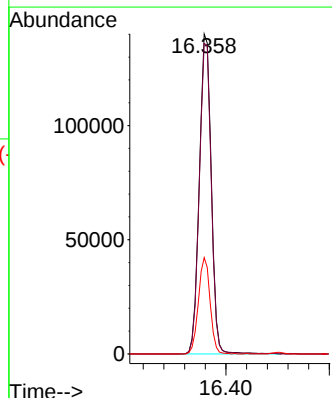
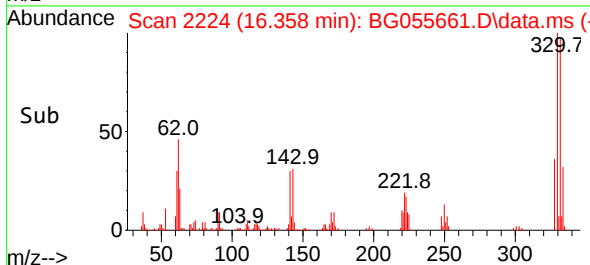
Reviewed By :Christian Giraldo 11/18/2022  
Supervised By :Jagrut Upadhyay 11/18/2022

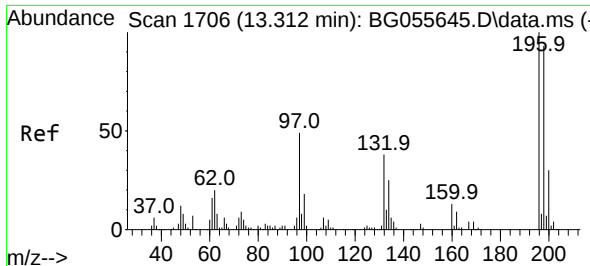


#42  
2,4,6-Tribromophenol  
Concen: 143.463 ng  
RT: 16.358 min Scan# 2224  
Delta R.T. 0.003 min  
Lab File: BG055661.D  
Acq: 17 Nov 2022 11:29



Tgt Ion:330 Resp: 224276  
Ion Ratio Lower Upper  
330 100  
332 97.0 77.8 116.8  
141 29.4 23.9 35.9





#43  
2,4,6-Trichlorophenol  
Concen: 43.198 ng  
RT: 13.314 min Scan# 1706  
Delta R.T. 0.003 min  
Lab File: BG055661.D  
Acq: 17 Nov 2022 11:29

Instrument :

BNA\_G

ClientSampleId :

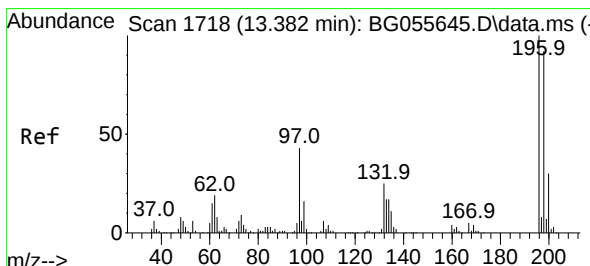
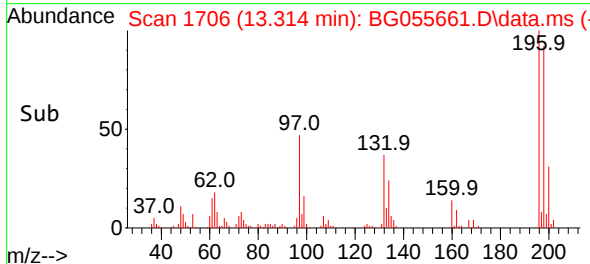
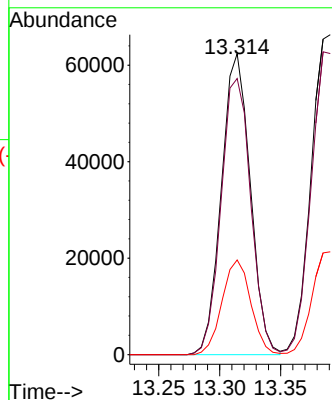
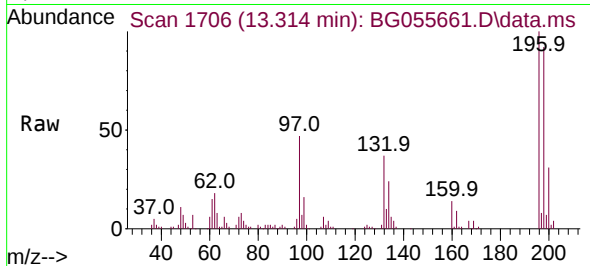
PB148956BS

Tgt Ion:196 Resp: 10280  
Ion Ratio Lower Upper  
196 100  
198 91.8 74.6 112.0  
200 31.5 23.7 35.5

Manual Integrations

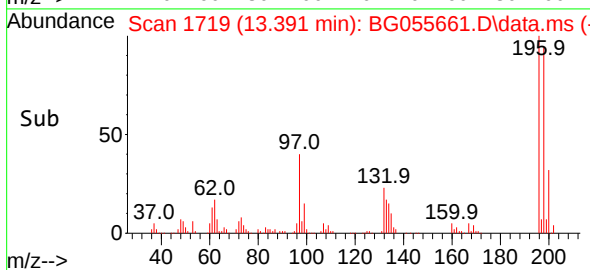
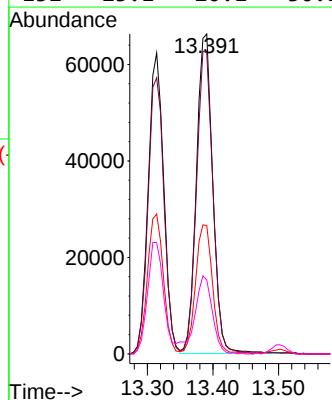
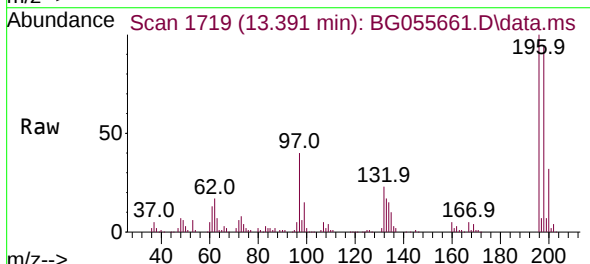
APPROVED

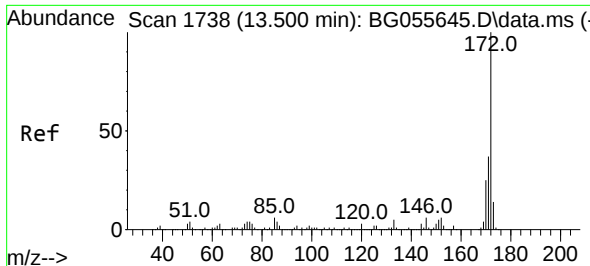
Reviewed By :Christian Giraldo 11/18/2022  
Supervised By :Jagrut Upadhyay 11/18/2022



#44  
2,4,5-Trichlorophenol  
Concen: 43.734 ng  
RT: 13.391 min Scan# 1719  
Delta R.T. 0.009 min  
Lab File: BG055661.D  
Acq: 17 Nov 2022 11:29

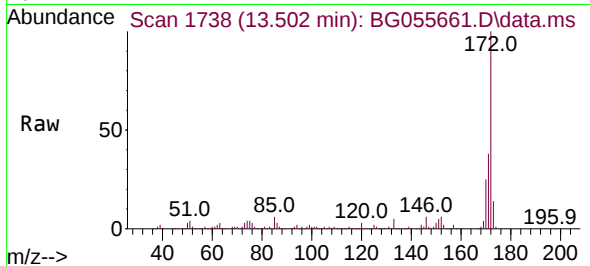
Tgt Ion:196 Resp: 114379  
Ion Ratio Lower Upper  
196 100  
198 94.1 74.1 111.1  
97 40.1 34.8 52.2  
132 23.1 20.1 30.1





#45  
2-Fluorobiphenyl  
Concen: 80.430 ng  
RT: 13.502 min Scan# 1738  
Delta R.T. 0.003 min  
Lab File: BG055661.D  
Acq: 17 Nov 2022 11:29

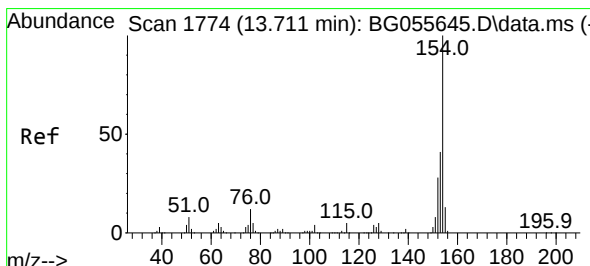
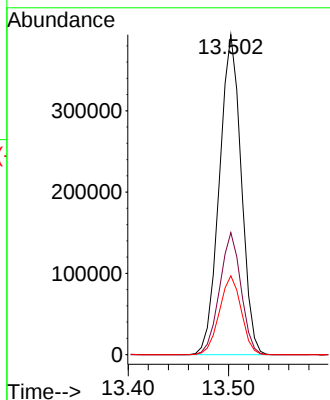
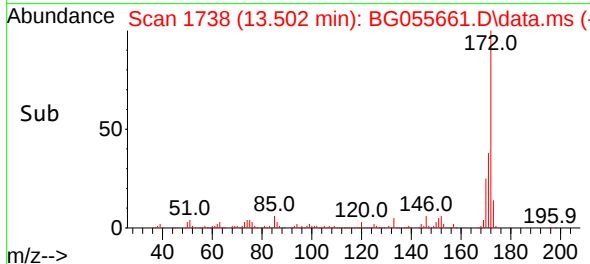
Instrument :  
BNA\_G  
ClientSampleId :  
PB148956BS



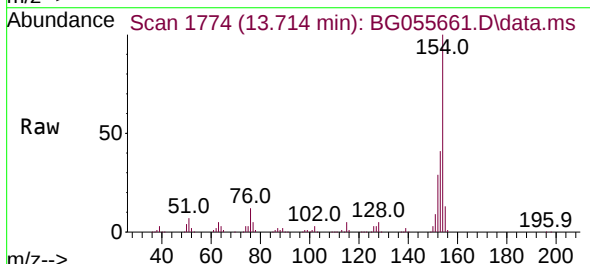
Tgt Ion:172 Resp: 596033  
Ion Ratio Lower Upper  
172 100  
171 38.1 29.8 44.6  
170 24.6 20.2 30.4

Manual Integrations  
APPROVED

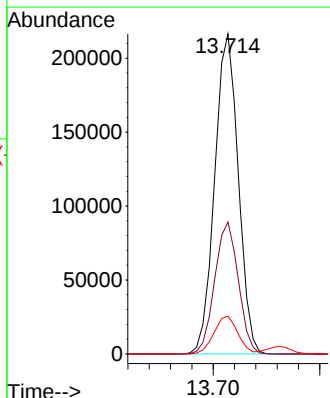
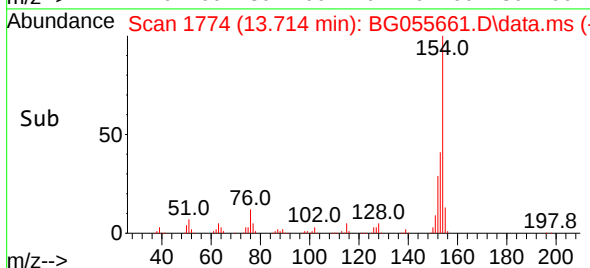
Reviewed By :Christian Giraldo 11/18/2022  
Supervised By :Jagrut Upadhyay 11/18/2022

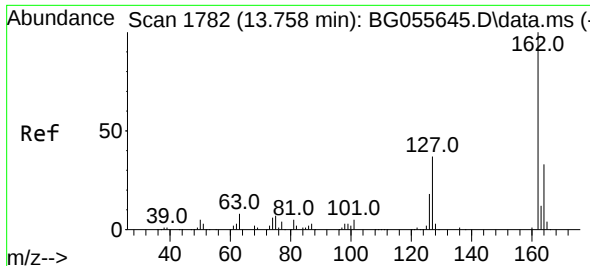


#46  
1,1'-Biphenyl  
Concen: 41.144 ng  
RT: 13.714 min Scan# 1774  
Delta R.T. 0.003 min  
Lab File: BG055661.D  
Acq: 17 Nov 2022 11:29



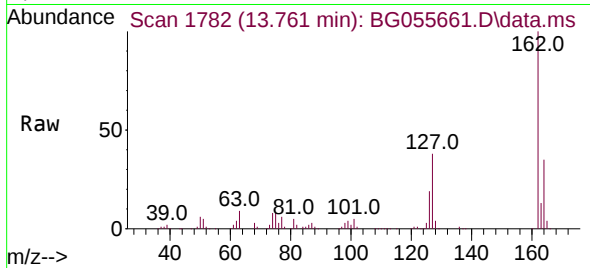
Tgt Ion:154 Resp: 332862  
Ion Ratio Lower Upper  
154 100  
153 41.2 20.6 60.6  
76 11.8 0.0 32.4





#47  
2-Chloronaphthalene  
Concen: 40.042 ng  
RT: 13.761 min Scan# 1782  
Delta R.T. 0.003 min  
Lab File: BG055661.D  
Acq: 17 Nov 2022 11:29

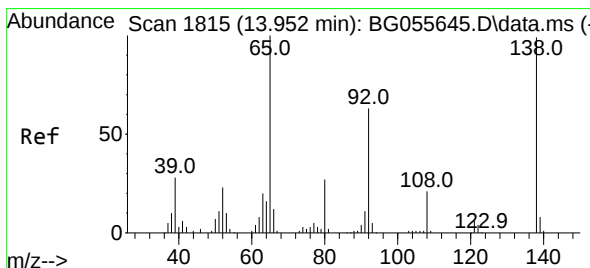
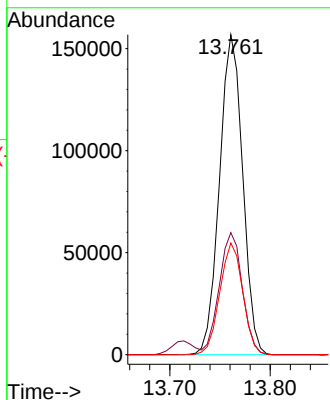
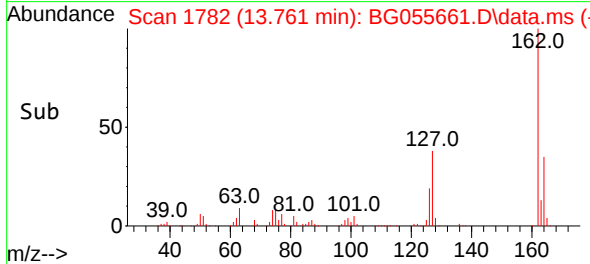
Instrument :  
BNA\_G  
ClientSampleId :  
PB148956BS



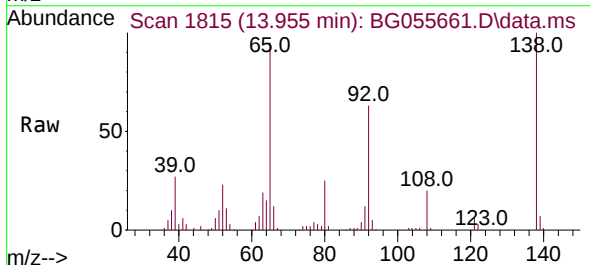
Tgt Ion:162 Resp: 251796  
Ion Ratio Lower Upper  
162 100  
127 38.1 29.9 44.9  
164 34.9 26.4 39.6

Manual Integrations  
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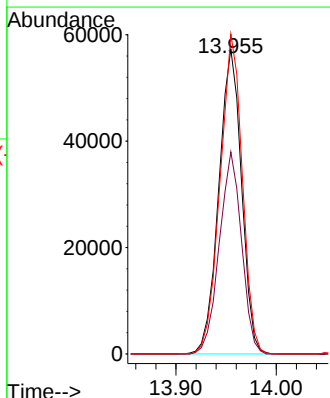
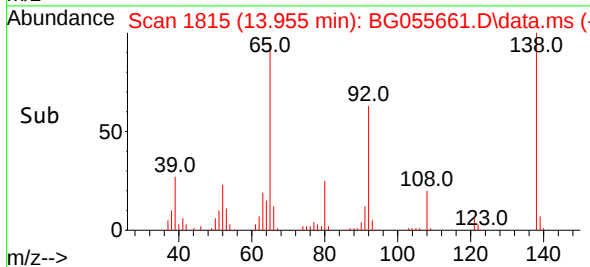
Reviewed By :Christian Giraldo 11/18/2022  
Supervised By :Jagrut Upadhyay 11/18/2022

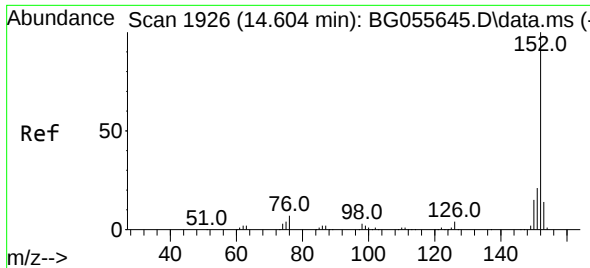


#48  
2-Nitroaniline  
Concen: 43.566 ng  
RT: 13.955 min Scan# 1815  
Delta R.T. 0.003 min  
Lab File: BG055661.D  
Acq: 17 Nov 2022 11:29



Tgt Ion: 65 Resp: 90070  
Ion Ratio Lower Upper  
65 100  
92 66.3 50.1 75.1  
138 105.0 79.4 119.0





#49  
Acenaphthylene  
Concen: 41.352 ng  
RT: 14.601 min Scan# 1925  
Delta R.T. -0.003 min  
Lab File: BG055661.D  
Acq: 17 Nov 2022 11:29

Instrument :

BNA\_G

ClientSampleId :

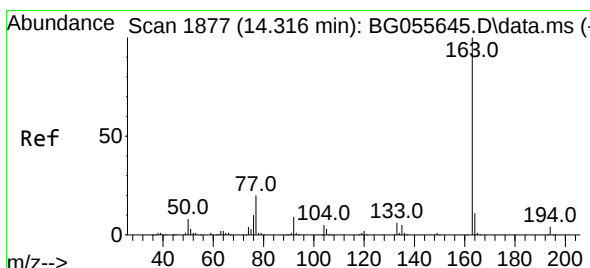
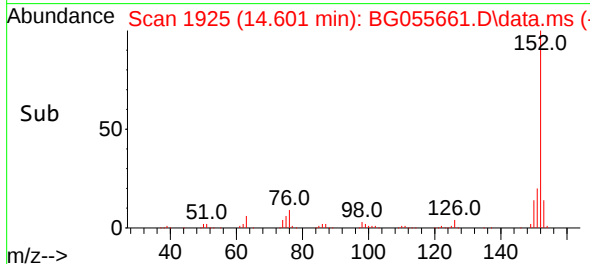
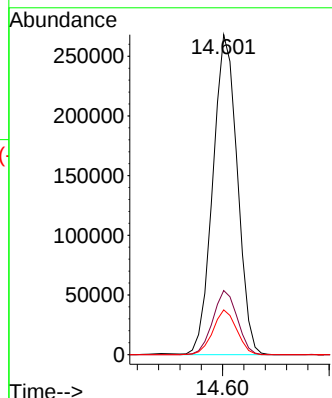
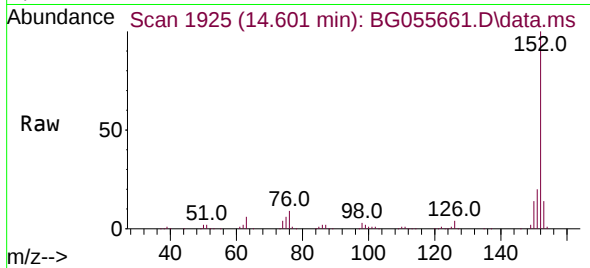
PB148956BS

Tgt Ion:152 Resp: 428196  
Ion Ratio Lower Upper  
152 100  
151 20.0 16.4 24.6  
153 14.0 11.0 16.4

Manual Integrations

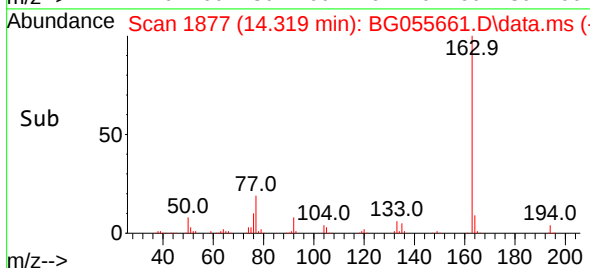
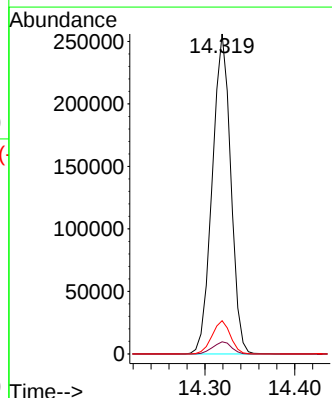
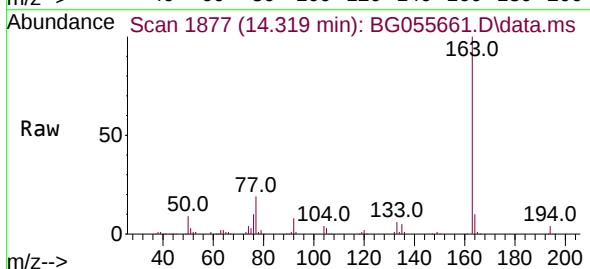
APPROVED

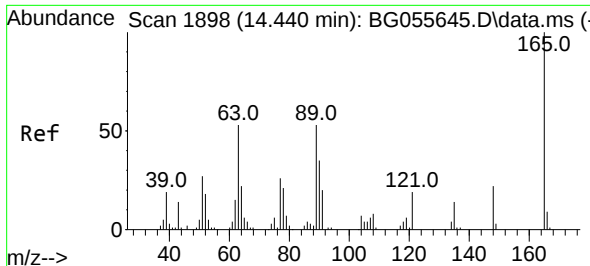
Reviewed By :Christian Giraldo 11/18/2022  
Supervised By :Jagrut Upadhyay 11/18/2022



#50  
Dimethylphthalate  
Concen: 41.568 ng  
RT: 14.319 min Scan# 1877  
Delta R.T. 0.003 min  
Lab File: BG055661.D  
Acq: 17 Nov 2022 11:29

Tgt Ion:163 Resp: 367876  
Ion Ratio Lower Upper  
163 100  
194 3.8 3.0 4.4  
164 10.4 8.6 12.8





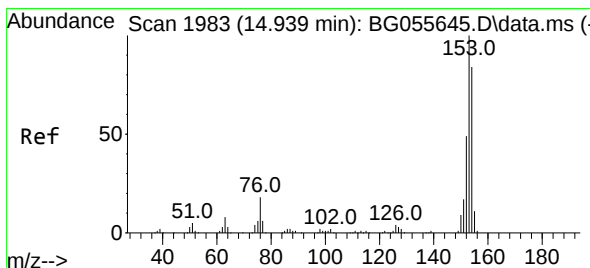
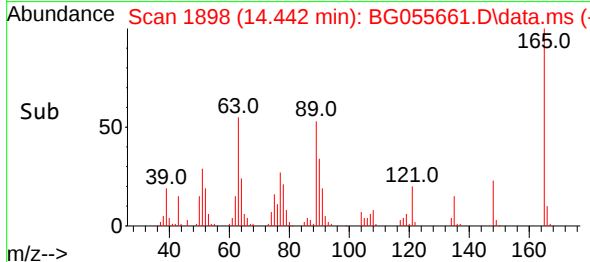
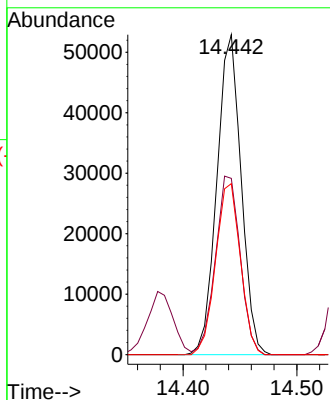
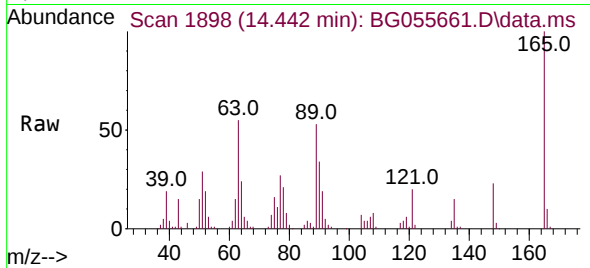
#51  
2,6-Dinitrotoluene  
Concen: 43.303 ng  
RT: 14.442 min Scan# 1898  
Delta R.T. 0.003 min  
Lab File: BG055661.D  
Acq: 17 Nov 2022 11:29

Instrument :  
BNA\_G  
ClientSampleId :  
PB148956BS

Tgt Ion:165 Resp: 78359  
Ion Ratio Lower Upper  
165 100  
63 55.1 44.6 66.8  
89 53.4 42.2 63.4

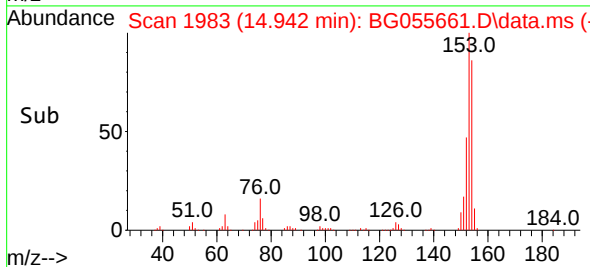
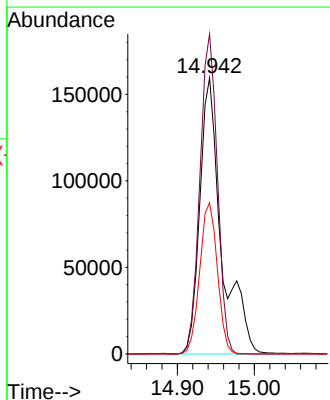
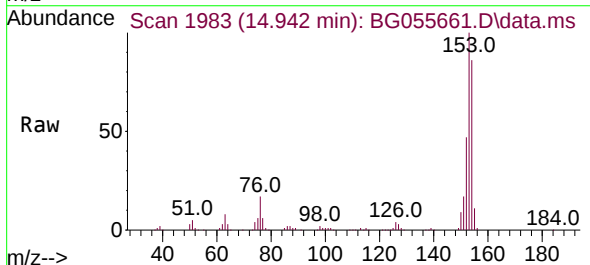
Manual Integrations  
APPROVED

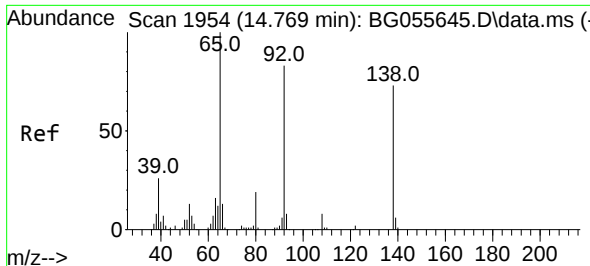
Reviewed By :Christian Giraldo 11/18/2022  
Supervised By :Jagrut Upadhyay 11/18/2022



#52  
Acenaphthene  
Concen: 46.348 ng m  
RT: 14.942 min Scan# 1983  
Delta R.T. 0.003 min  
Lab File: BG055661.D  
Acq: 17 Nov 2022 11:29

Tgt Ion:154 Resp: 313666  
Ion Ratio Lower Upper  
154 100  
153 116.1 95.0 142.4  
152 54.8 46.1 69.1





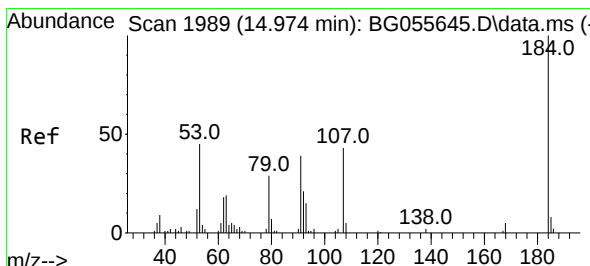
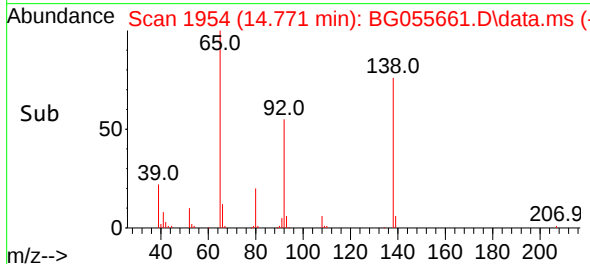
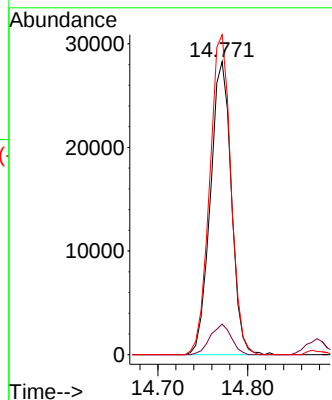
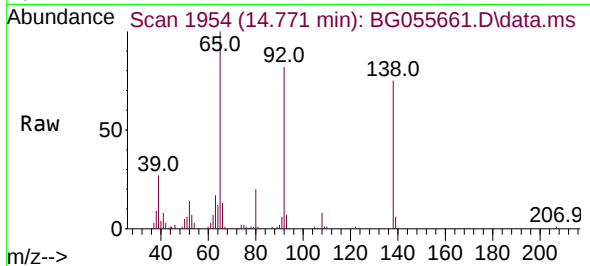
#53  
3-Nitroaniline  
Concen: 23.083 ng  
RT: 14.771 min Scan# 1954  
Delta R.T. 0.003 min  
Lab File: BG055661.D  
Acq: 17 Nov 2022 11:29

Instrument :  
BNA\_G  
ClientSampleId :  
PB148956BS

Tgt Ion:138 Resp: 4585  
Ion Ratio Lower Upper  
138 100  
108 10.4 8.5 12.7  
92 109.2 91.0 136.6

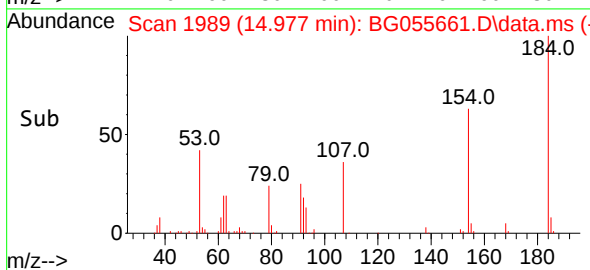
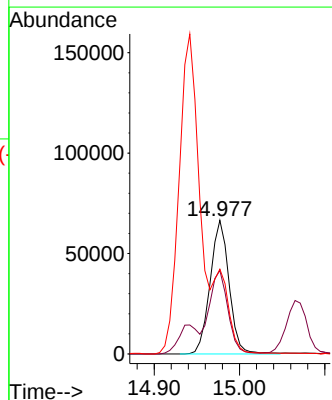
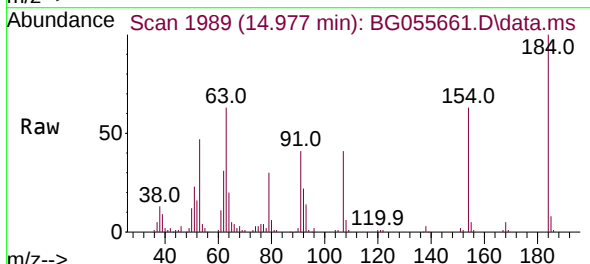
Manual Integrations  
APPROVED

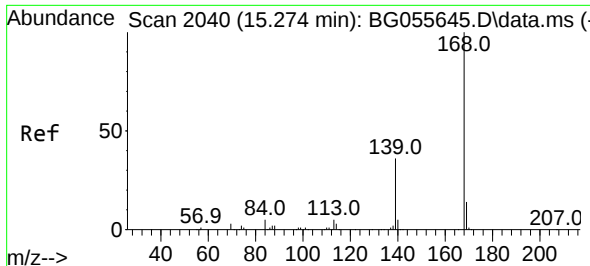
Reviewed By :Christian Giraldo 11/18/2022  
Supervised By :Jagrut Upadhyay 11/18/2022



#54  
2,4-Dinitrophenol  
Concen: 98.633 ng  
RT: 14.977 min Scan# 1989  
Delta R.T. 0.003 min  
Lab File: BG055661.D  
Acq: 17 Nov 2022 11:29

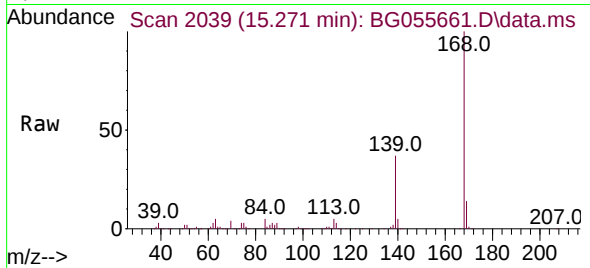
Tgt Ion:184 Resp: 102620  
Ion Ratio Lower Upper  
184 100  
63 62.6 49.5 74.3  
154 63.5 52.0 78.0





#55  
Dibenzofuran  
Concen: 41.075 ng  
RT: 15.271 min Scan# 2040  
Delta R.T. -0.003 min  
Lab File: BG055661.D  
Acq: 17 Nov 2022 11:29

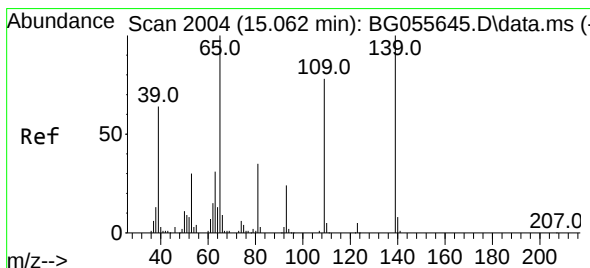
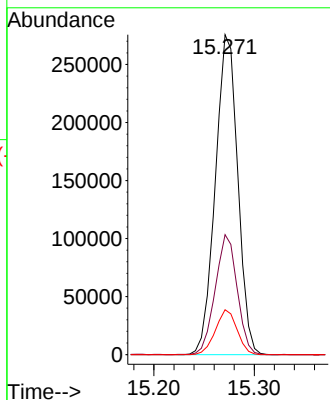
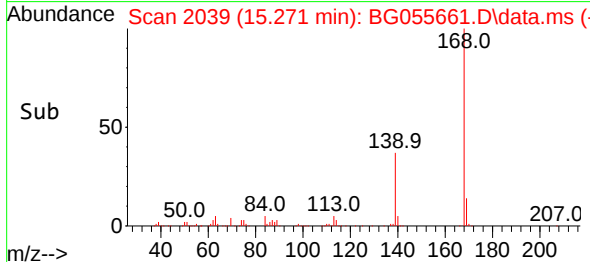
Instrument :  
BNA\_G  
ClientSampleId :  
PB148956BS



Tgt Ion:168 Resp: 42884  
Ion Ratio Lower Upper  
168 100  
139 37.5 28.8 43.2  
169 14.0 11.0 16.4

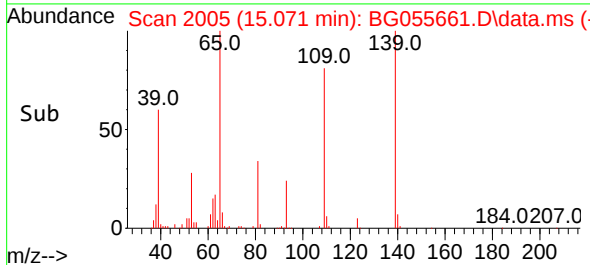
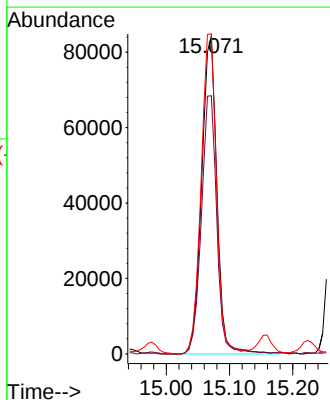
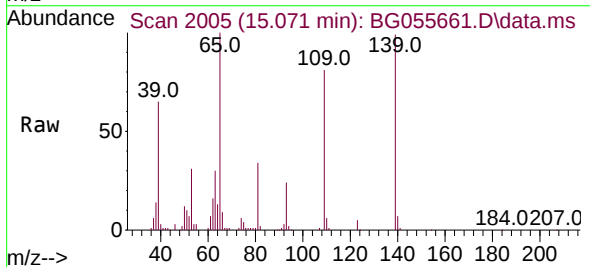
Manual Integrations  
APPROVED

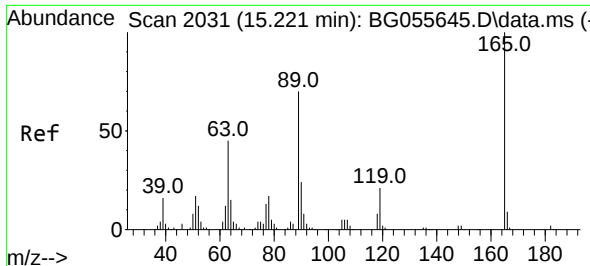
Reviewed By :Christian Giraldo 11/18/2022  
Supervised By :Jagrut Upadhyay 11/18/2022



#56  
4-Nitrophenol  
Concen: 90.263 ng  
RT: 15.071 min Scan# 2005  
Delta R.T. 0.009 min  
Lab File: BG055661.D  
Acq: 17 Nov 2022 11:29

Tgt Ion:139 Resp: 140727  
Ion Ratio Lower Upper  
139 100  
109 81.2 58.6 98.6  
65 100.7 80.5 120.5





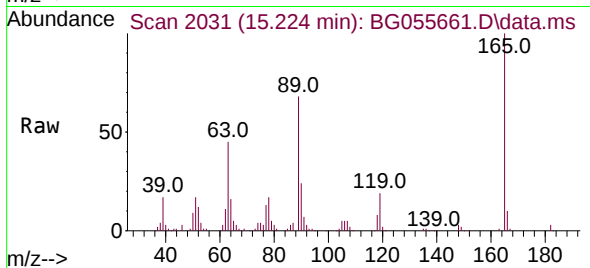
#57  
2,4-Dinitrotoluene  
Concen: 44.962 ng  
RT: 15.224 min Scan# 2031  
Delta R.T. 0.003 min  
Lab File: BG055661.D  
Acq: 17 Nov 2022 11:29

Instrument :

BNA\_G

ClientSampleId :

PB148956BS

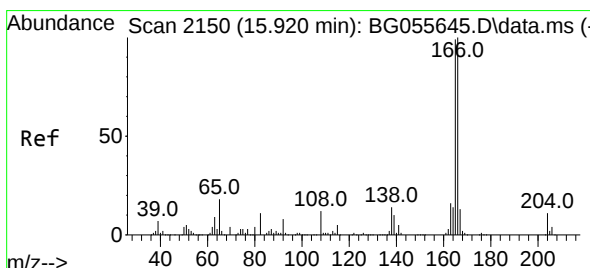
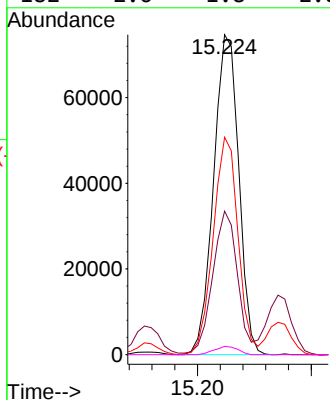
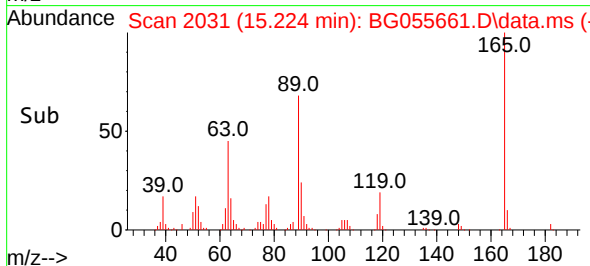


Tgt Ion:165 Resp: 114711  
Ion Ratio Lower Upper  
165 100  
63 44.8 35.8 53.8  
89 67.9 56.2 84.4  
182 2.6 1.8 2.8

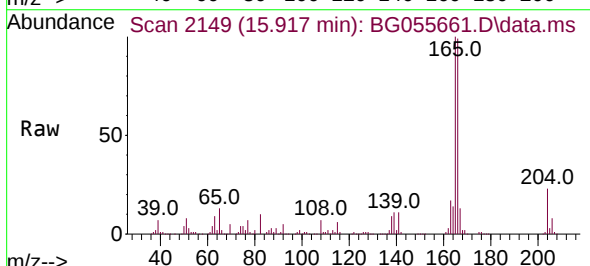
Manual Integrations

APPROVED

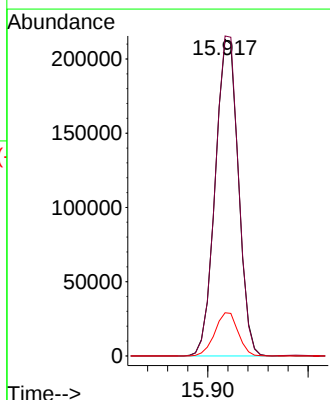
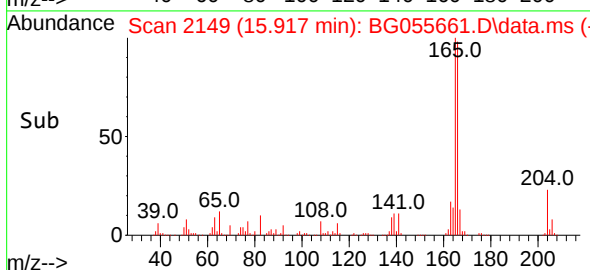
Reviewed By :Christian Giraldo 11/18/2022  
Supervised By :Jagrut Upadhyay 11/18/2022

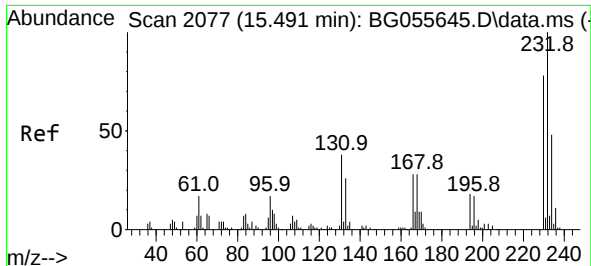


#58  
Fluorene  
Concen: 41.004 ng  
RT: 15.917 min Scan# 2149  
Delta R.T. -0.003 min  
Lab File: BG055661.D  
Acq: 17 Nov 2022 11:29



Tgt Ion:166 Resp: 341913  
Ion Ratio Lower Upper  
166 100  
165 101.1 79.3 118.9  
167 13.6 10.6 15.8





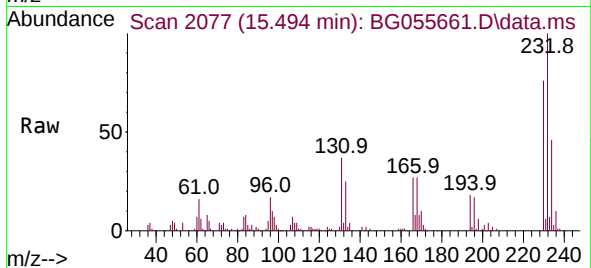
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 43.176 ng  
RT: 15.494 min Scan# 2077  
Delta R.T. 0.003 min  
Lab File: BG055661.D  
Acq: 17 Nov 2022 11:29

Instrument :

BNA\_G

ClientSampleId :

PB148956BS

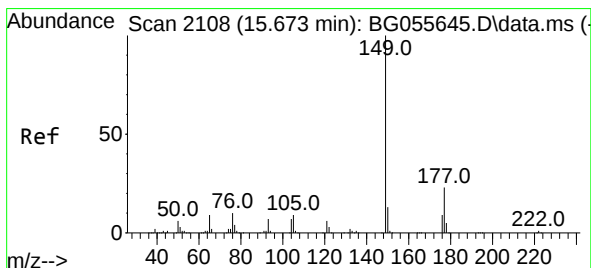
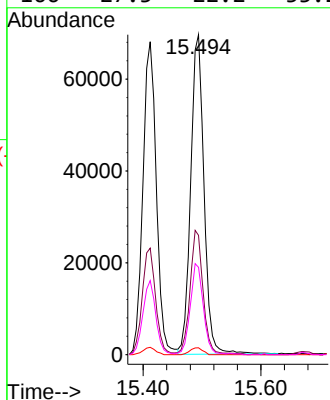
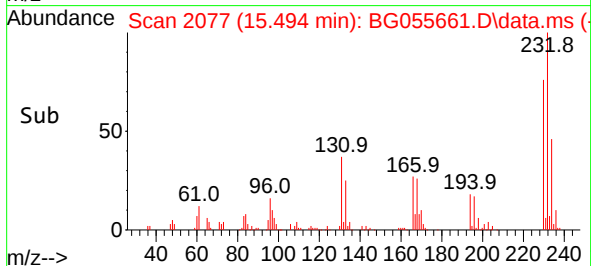


Tgt Ion:232 Resp: 109413  
Ion Ratio Lower Upper  
232 100  
131 38.3 29.8 44.8  
130 2.0 1.7 2.5  
166 27.3 22.2 33.2

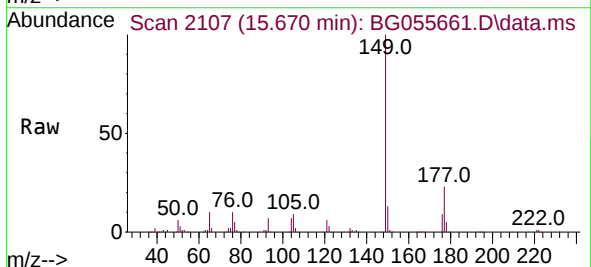
Manual Integrations

APPROVED

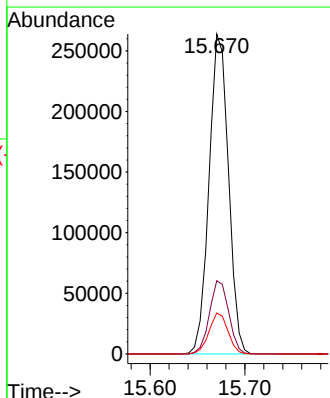
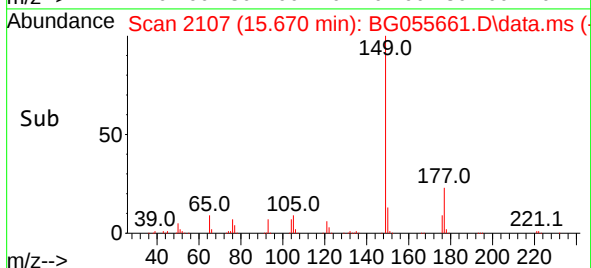
Reviewed By :Christian Giraldo 11/18/2022  
Supervised By :Jagrut Upadhyay 11/18/2022

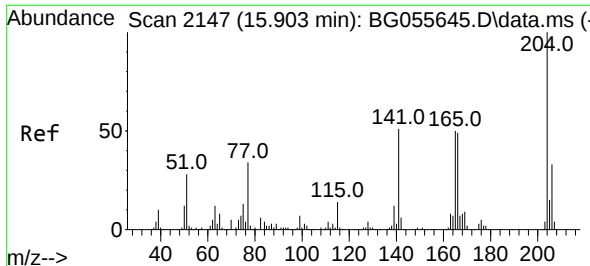


#60  
Diethylphthalate  
Concen: 41.916 ng  
RT: 15.670 min Scan# 2107  
Delta R.T. -0.003 min  
Lab File: BG055661.D  
Acq: 17 Nov 2022 11:29



Tgt Ion:149 Resp: 375052  
Ion Ratio Lower Upper  
149 100  
177 22.9 18.3 27.5  
150 12.8 10.0 15.0





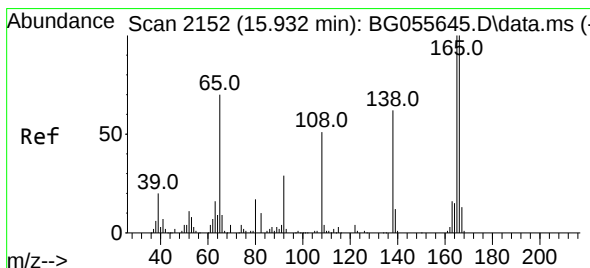
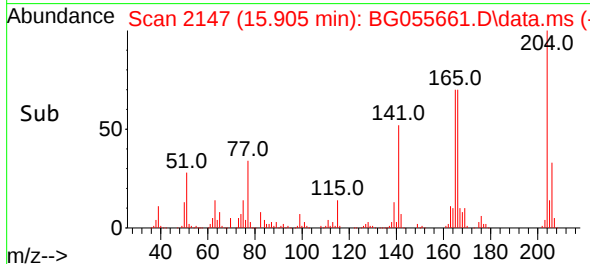
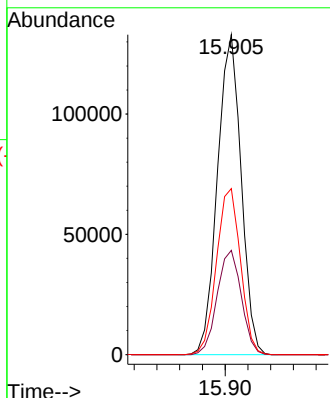
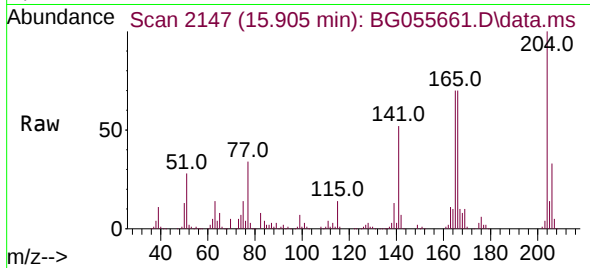
#61  
4-Chlorophenyl-phenylether  
Concen: 41.936 ng  
RT: 15.905 min Scan# 2147  
Delta R.T. 0.003 min  
Lab File: BG055661.D  
Acq: 17 Nov 2022 11:29

Instrument :  
BNA\_G  
ClientSampleId :  
PB148956BS

Tgt Ion:204 Resp: 19222  
Ion Ratio Lower Upper  
204 100  
206 32.6 26.6 40.0  
141 51.9 40.6 61.0

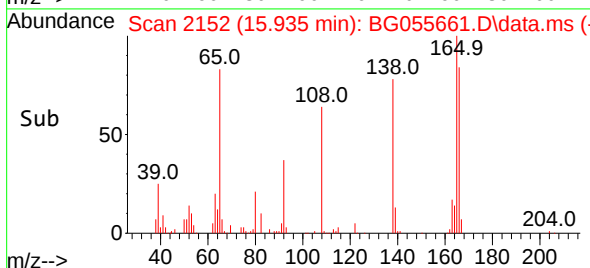
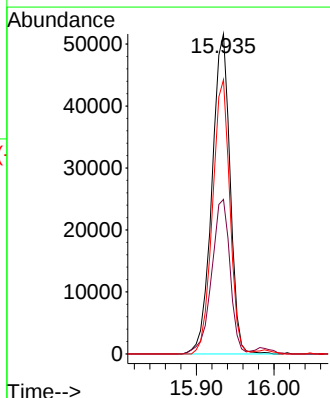
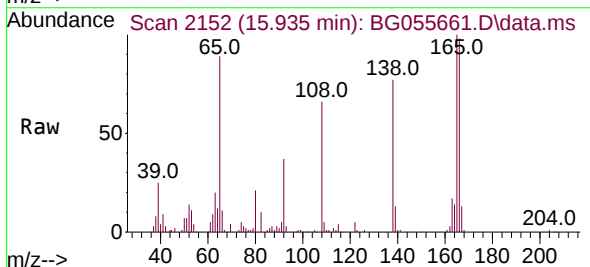
Manual Integrations  
APPROVED

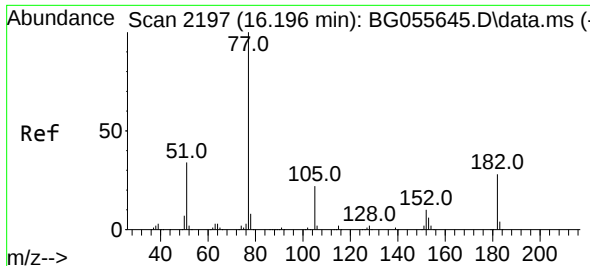
Reviewed By :Christian Giraldo 11/18/2022  
Supervised By :Jagrut Upadhyay 11/18/2022



#62  
4-Nitroaniline  
Concen: 40.238 ng  
RT: 15.935 min Scan# 2152  
Delta R.T. 0.003 min  
Lab File: BG055661.D  
Acq: 17 Nov 2022 11:29

Tgt Ion:138 Resp: 83556  
Ion Ratio Lower Upper  
138 100  
92 48.3 27.3 67.3  
108 85.7 62.8 102.8





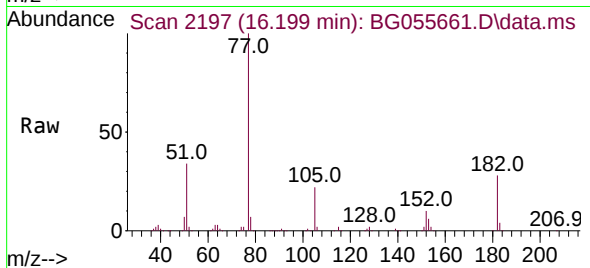
#63  
Azobenzene  
Concen: 41.196 ng  
RT: 16.199 min Scan# 2197  
Delta R.T. 0.003 min  
Lab File: BG055661.D  
Acq: 17 Nov 2022 11:29

Instrument :

BNA\_G

ClientSampleId :

PB148956BS

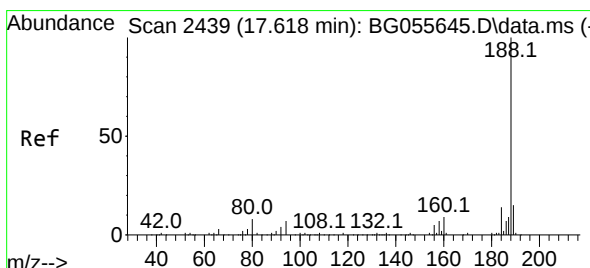
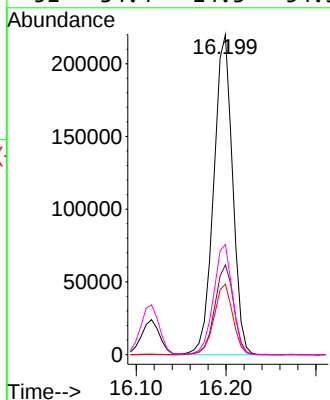
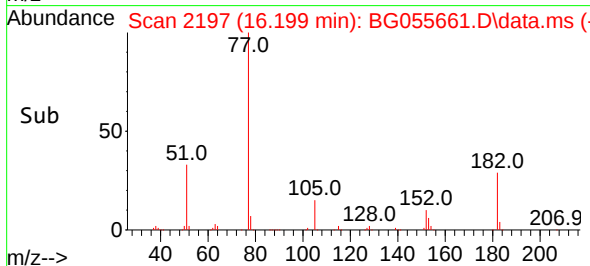


Tgt Ion: 77 Resp: 321809  
Ion Ratio Lower Upper  
77 100  
182 28.0 8.1 48.1  
105 22.0 1.8 41.8  
51 34.4 14.3 54.3

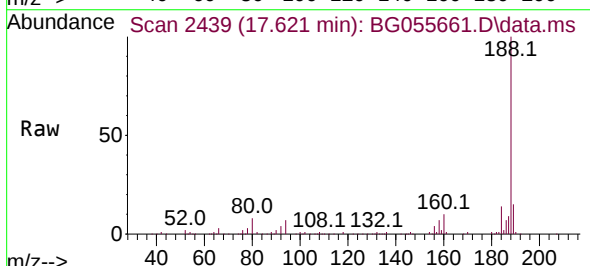
Manual Integrations

APPROVED

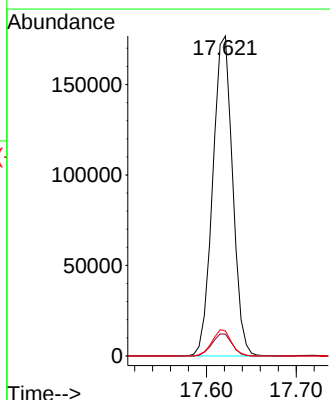
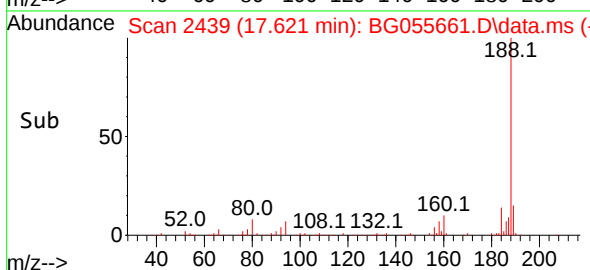
Reviewed By :Christian Giraldo 11/18/2022  
Supervised By :Jagrut Upadhyay 11/18/2022

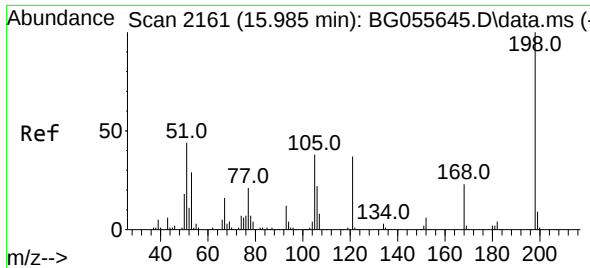


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.621 min Scan# 2439  
Delta R.T. 0.003 min  
Lab File: BG055661.D  
Acq: 17 Nov 2022 11:29



Tgt Ion:188 Resp: 272544  
Ion Ratio Lower Upper  
188 100  
94 6.8 5.4 8.2  
80 7.8 6.6 10.0





#65  
4,6-Dinitro-2-methylphenol  
Concen: 44.233 ng  
RT: 15.988 min Scan# 2161  
Delta R.T. 0.003 min  
Lab File: BG055661.D  
Acq: 17 Nov 2022 11:29

Instrument :

BNA\_G

ClientSampleId :

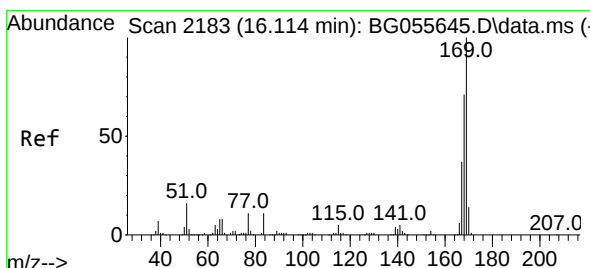
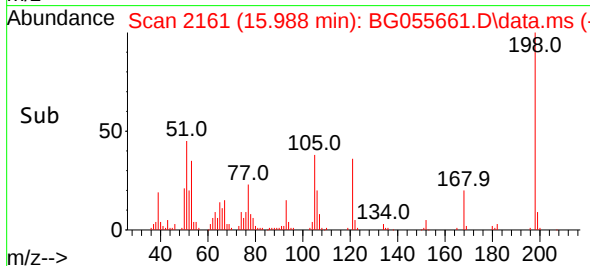
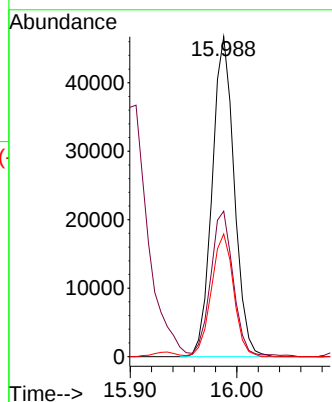
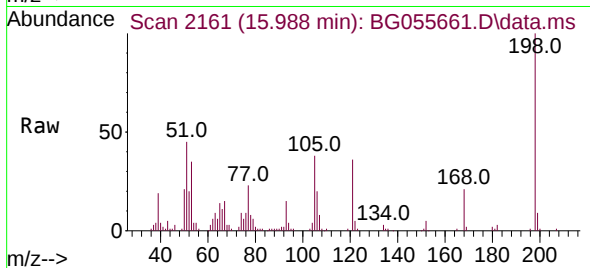
PB148956BS

Tgt Ion:198 Resp: 67316  
Ion Ratio Lower Upper  
198 100  
51 45.5 27.7 67.7  
105 38.3 19.3 59.3

Manual Integrations

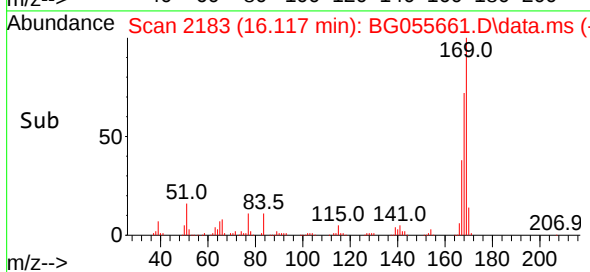
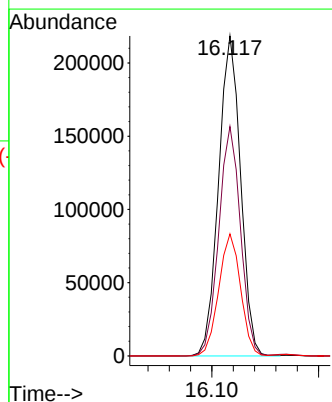
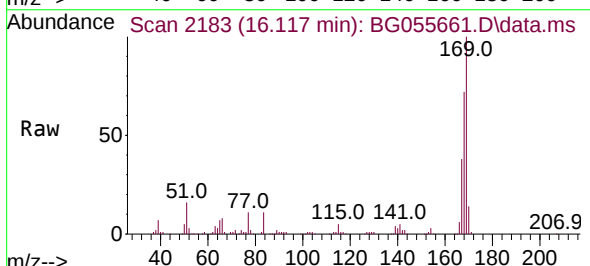
APPROVED

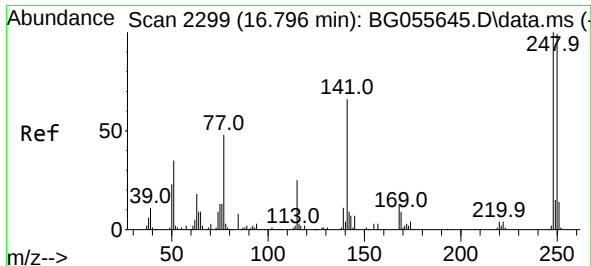
Reviewed By :Christian Giraldo 11/18/2022  
Supervised By :Jagrut Upadhyay 11/18/2022



#66  
n-Nitrosodiphenylamine  
Concen: 41.794 ng  
RT: 16.117 min Scan# 2183  
Delta R.T. 0.003 min  
Lab File: BG055661.D  
Acq: 17 Nov 2022 11:29

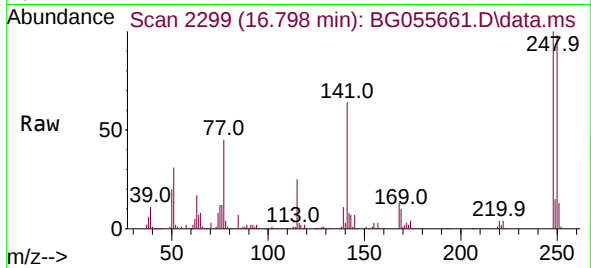
Tgt Ion:169 Resp: 313916  
Ion Ratio Lower Upper  
169 100  
168 71.7 56.6 85.0  
167 38.1 29.9 44.9





#67  
4-Bromophenyl-phenylether  
Concen: 41.884 ng  
RT: 16.798 min Scan# 21  
Delta R.T. 0.003 min  
Lab File: BG055661.D  
Acq: 17 Nov 2022 11:29

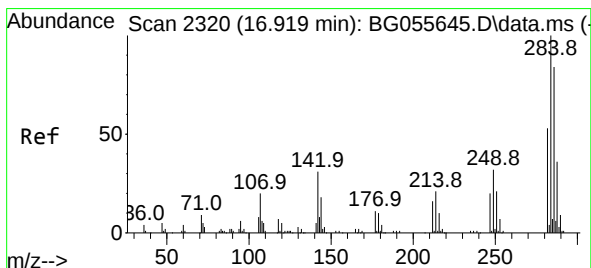
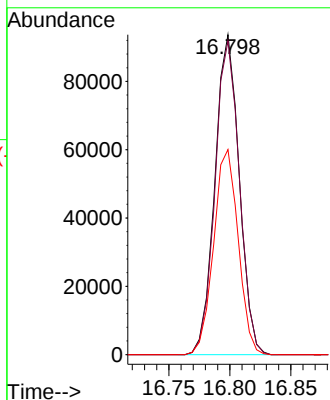
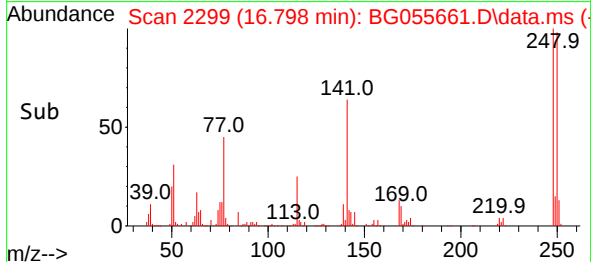
Instrument :  
BNA\_G  
ClientSampleId :  
PB148956BS



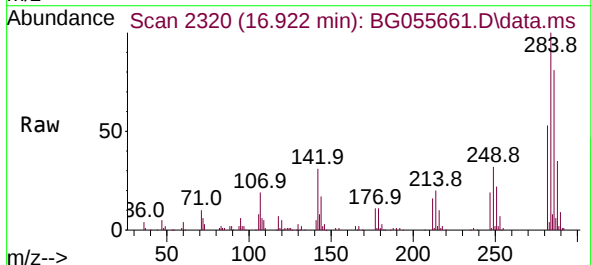
Tgt Ion:248 Resp: 130063  
Ion Ratio Lower Upper  
248 100  
250 98.0 79.0 118.4  
141 64.1 52.9 79.3

Manual Integrations  
APPROVED

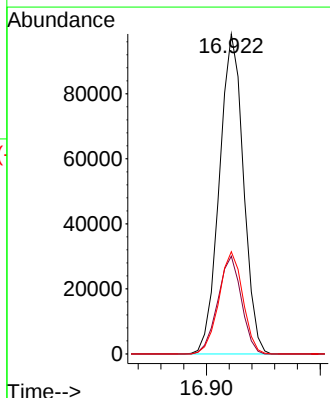
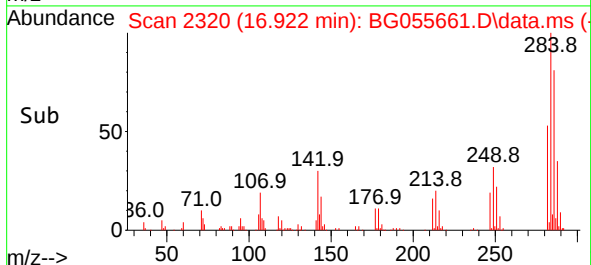
Reviewed By :Christian Giraldo 11/18/2022  
Supervised By :Jagrut Upadhyay 11/18/2022

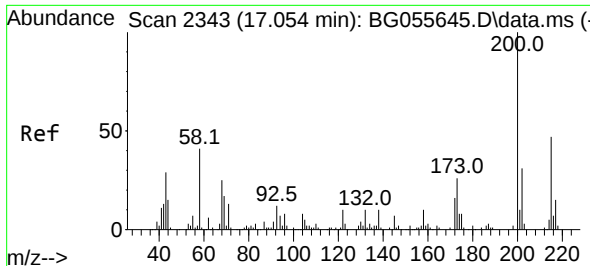


#68  
Hexachlorobenzene  
Concen: 41.946 ng  
RT: 16.922 min Scan# 2320  
Delta R.T. 0.003 min  
Lab File: BG055661.D  
Acq: 17 Nov 2022 11:29



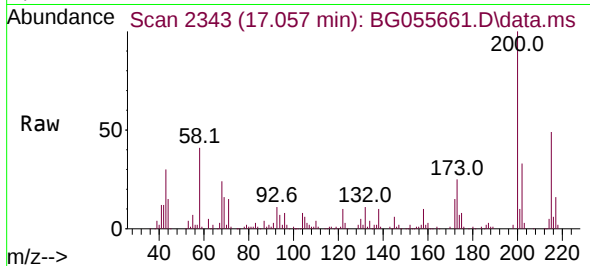
Tgt Ion:284 Resp: 144434  
Ion Ratio Lower Upper  
284 100  
142 30.5 24.8 37.2  
249 31.9 25.7 38.5





#69  
 Atrazine  
 Concen: 41.831 ng  
 RT: 17.057 min Scan# 2343  
 Delta R.T. 0.003 min  
 Lab File: BG055661.D  
 Acq: 17 Nov 2022 11:29

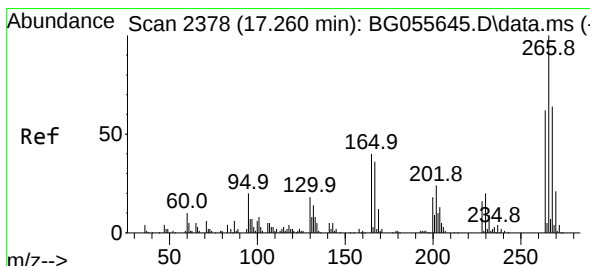
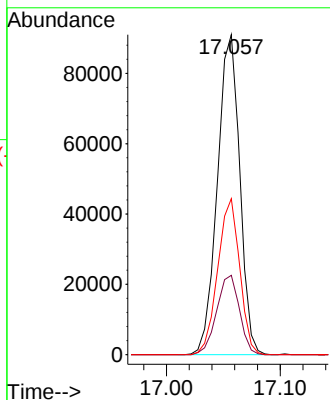
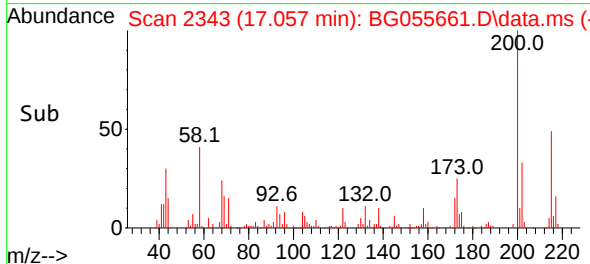
Instrument :  
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 ClientSampleId :  
 PB148956BS



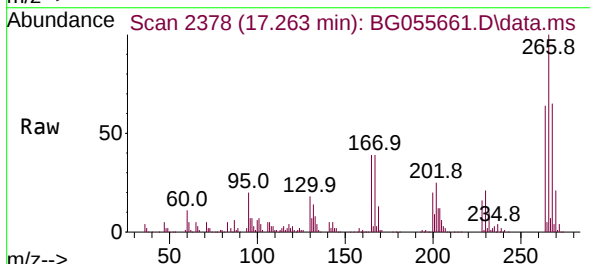
Tgt Ion:200 Resp: 124264  
 Ion Ratio Lower Upper  
 200 100  
 173 24.8 5.6 45.6  
 215 48.7 27.2 67.2

Manual Integrations  
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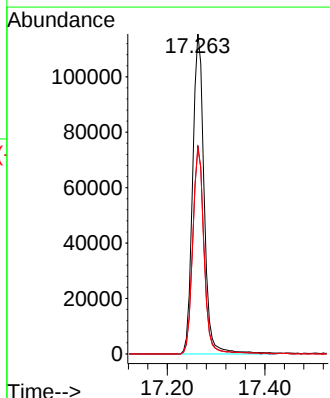
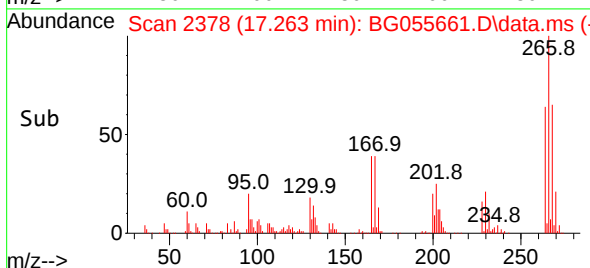
Reviewed By :Christian Giraldo 11/18/2022  
 Supervised By :Jagrut Upadhyay 11/18/2022

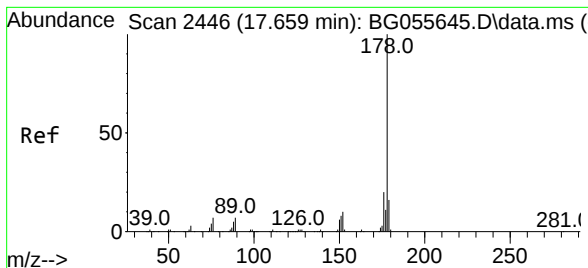


#70  
 Pentachlorophenol  
 Concen: 89.146 ng  
 RT: 17.263 min Scan# 2378  
 Delta R.T. 0.003 min  
 Lab File: BG055661.D  
 Acq: 17 Nov 2022 11:29



Tgt Ion:266 Resp: 187774  
 Ion Ratio Lower Upper  
 266 100  
 268 65.1 51.2 76.8  
 264 64.2 49.5 74.3





#71

Phenanthrene

Concen: 40.405 ng

RT: 17.662 min Scan# 2446

Delta R.T. 0.003 min

Lab File: BG055661.D

Acq: 17 Nov 2022 11:29

Instrument :

BNA\_G

ClientSampleId :

PB148956BS

Tgt Ion:178 Resp: 594263

Ion Ratio Lower Upper

178 100

176 19.6 16.0 24.0

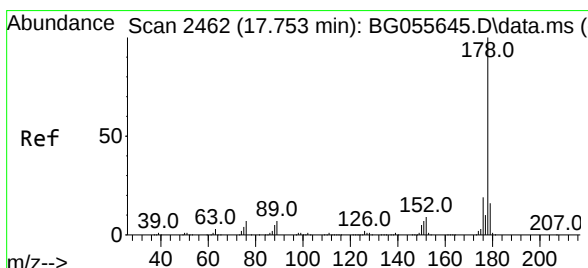
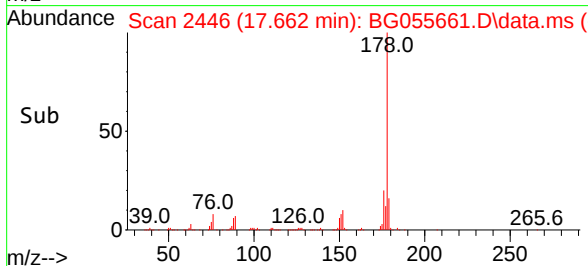
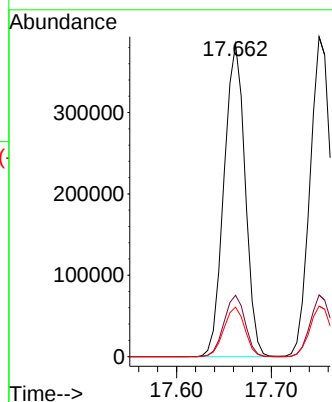
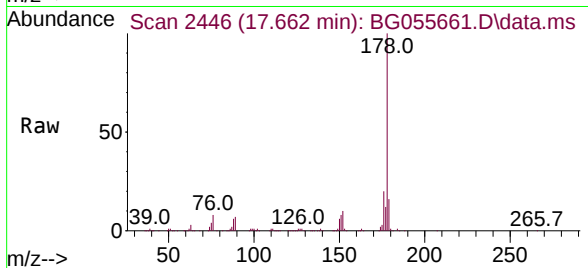
179 15.9 12.7 19.1

Manual Integrations

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Reviewed By :Christian Giraldo 11/18/2022

Supervised By :Jagrut Upadhyay 11/18/2022



#72

Anthracene

Concen: 42.496 ng

RT: 17.750 min Scan# 2461

Delta R.T. -0.003 min

Lab File: BG055661.D

Acq: 17 Nov 2022 11:29

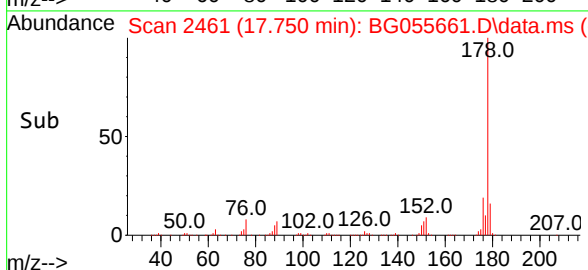
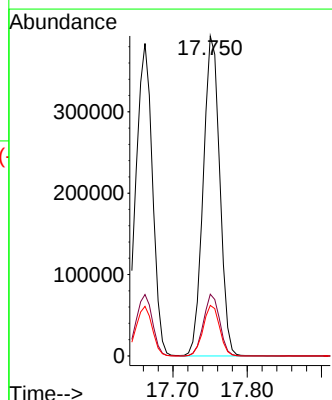
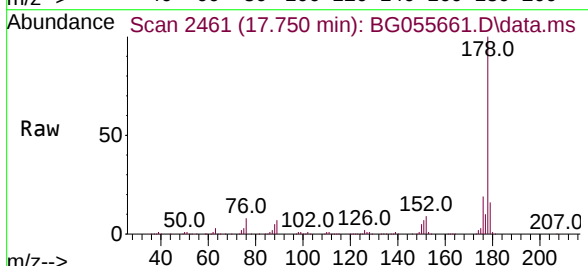
Tgt Ion:178 Resp: 607275

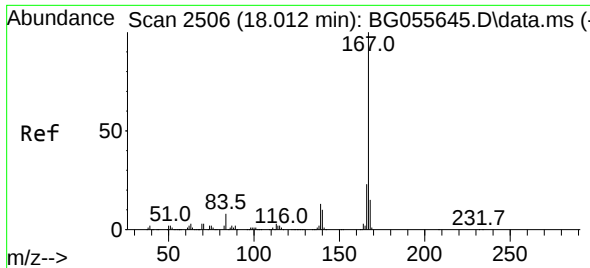
Ion Ratio Lower Upper

178 100

176 19.3 15.5 23.3

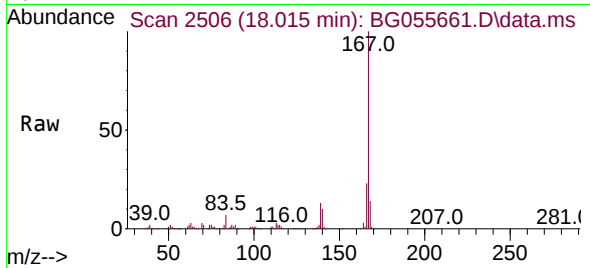
179 15.8 12.5 18.7





#73  
 Carbazole  
 Concen: 42.632 ng  
 RT: 18.015 min Scan# 2506  
 Delta R.T. 0.003 min  
 Lab File: BG055661.D  
 Acq: 17 Nov 2022 11:29

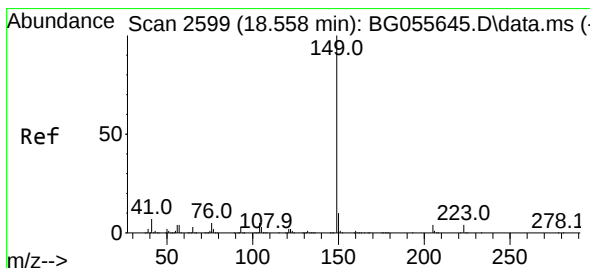
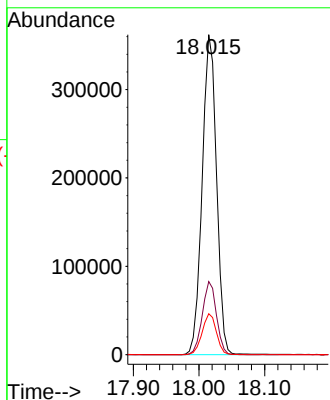
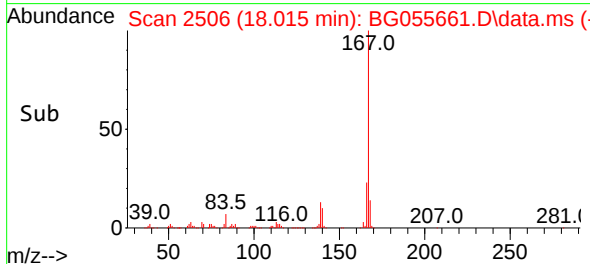
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB148956BS



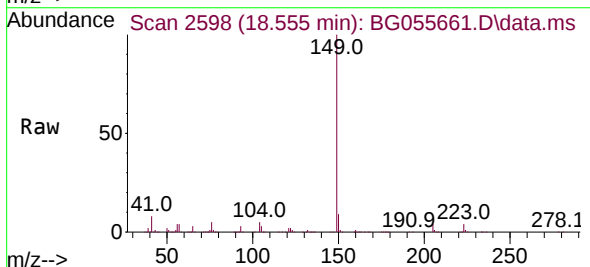
Tgt Ion:167 Resp: 547686  
 Ion Ratio Lower Upper  
 167 100  
 166 22.8 18.2 27.2  
 139 12.8 10.2 15.4

Manual Integrations  
 APPROVED

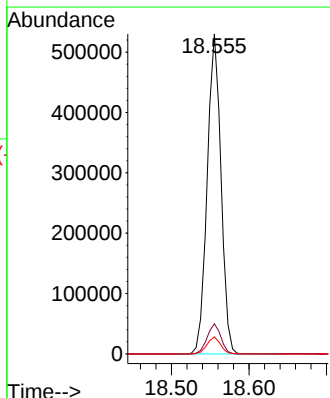
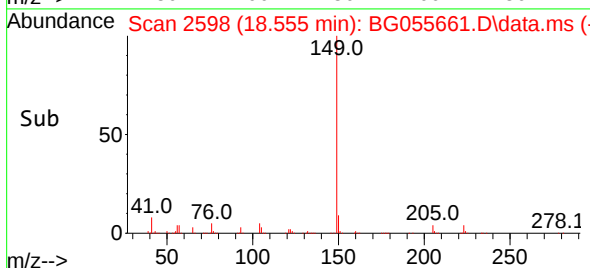
Reviewed By :Christian Giraldo 11/18/2022  
 Supervised By :Jagrut Upadhyay 11/18/2022

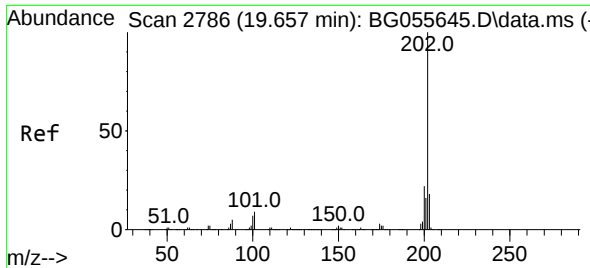


#74  
 Di-n-butylphthalate  
 Concen: 40.965 ng  
 RT: 18.555 min Scan# 2598  
 Delta R.T. -0.003 min  
 Lab File: BG055661.D  
 Acq: 17 Nov 2022 11:29



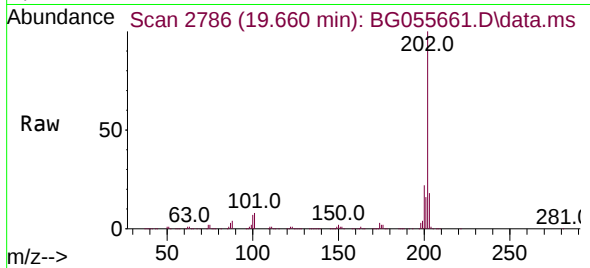
Tgt Ion:149 Resp: 653473  
 Ion Ratio Lower Upper  
 149 100  
 150 9.4 7.8 11.6  
 104 5.3 4.0 6.0





#75  
Fluoranthene  
Concen: 39.920 ng  
RT: 19.660 min Scan# 21  
Delta R.T. 0.003 min  
Lab File: BG055661.D  
Acq: 17 Nov 2022 11:29

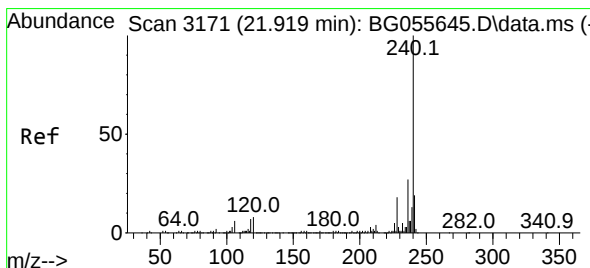
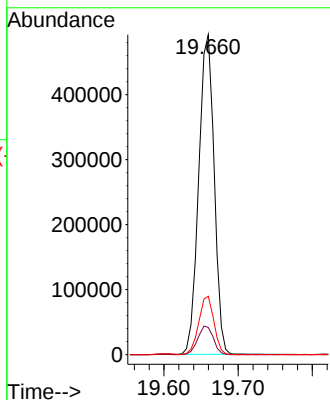
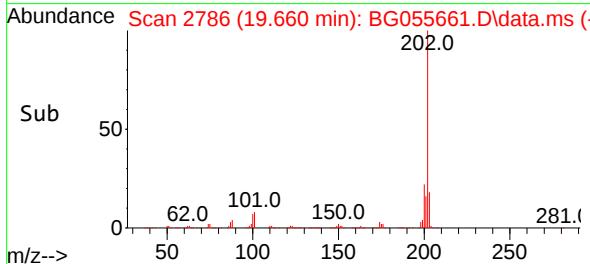
Instrument :  
BNA\_G  
ClientSampleId :  
PB148956BS



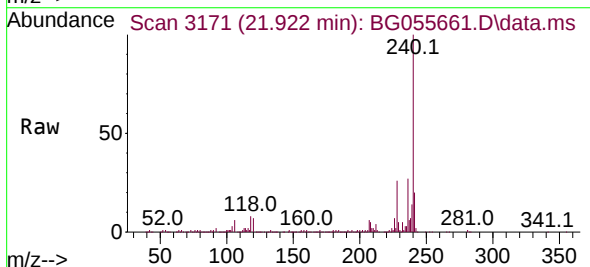
Tgt Ion:202 Resp: 714284  
Ion Ratio Lower Upper  
202 100  
101 8.5 0.0 28.8  
203 18.2 0.0 38.1

Manual Integrations  
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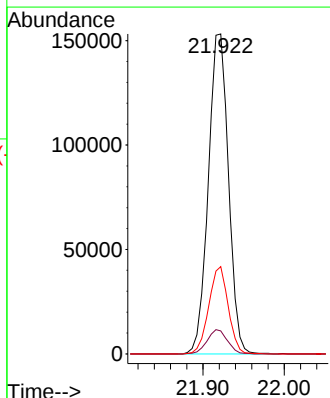
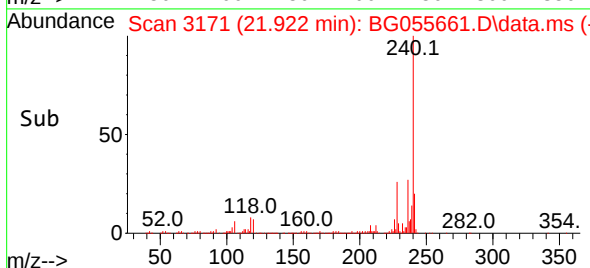
Reviewed By :Christian Giraldo 11/18/2022  
Supervised By :Jagrut Upadhyay 11/18/2022

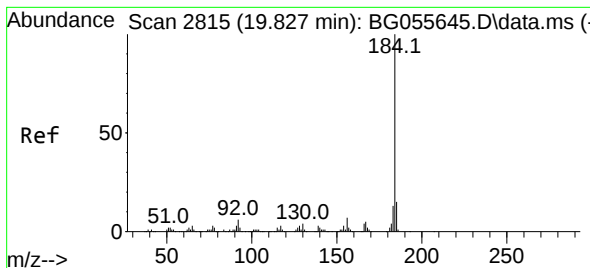


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.922 min Scan# 3171  
Delta R.T. 0.003 min  
Lab File: BG055661.D  
Acq: 17 Nov 2022 11:29



Tgt Ion:240 Resp: 264041  
Ion Ratio Lower Upper  
240 100  
120 7.2 6.3 9.5  
236 27.3 21.9 32.9





#77

Benzidine

Concen: 36.428 ng

RT: 19.824 min Scan# 2814

Delta R.T. -0.003 min

Lab File: BG055661.D

Acq: 17 Nov 2022 11:29

Instrument :

BNA\_G

ClientSampleId :

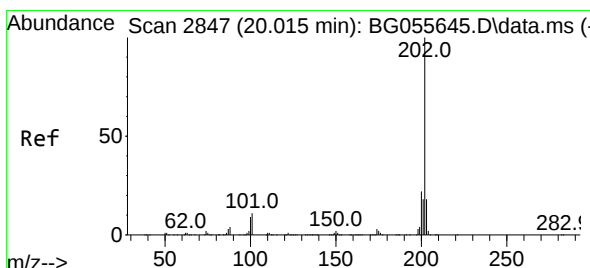
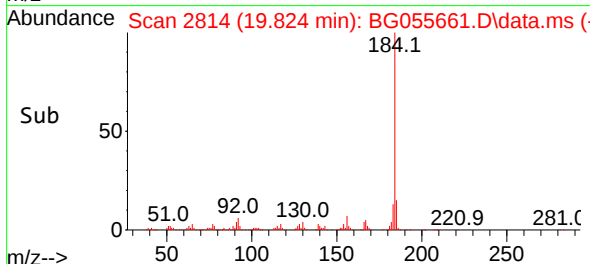
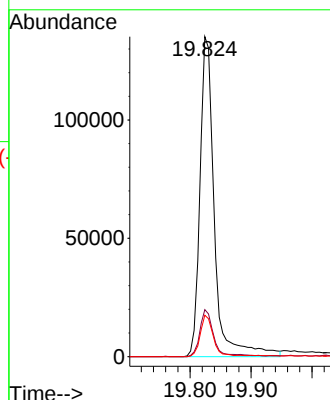
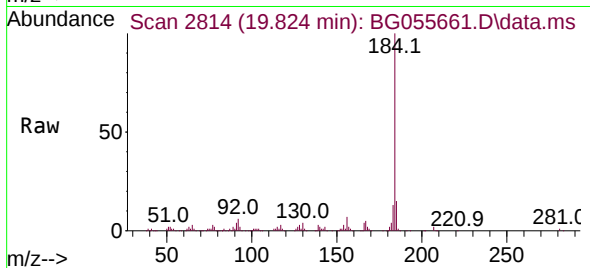
PB148956BS

|             |                |
|-------------|----------------|
| Tgt Ion:184 | Resp: 222520   |
| Ion Ratio   | Lower Upper    |
| 184         | 100            |
| 185         | 14.7 11.8 17.8 |
| 183         | 12.9 10.6 15.8 |

Manual Integrations

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Reviewed By :Christian Giraldo 11/18/2022  
Supervised By :Jagrut Upadhyay 11/18/2022



#78

Pyrene

Concen: 40.752 ng

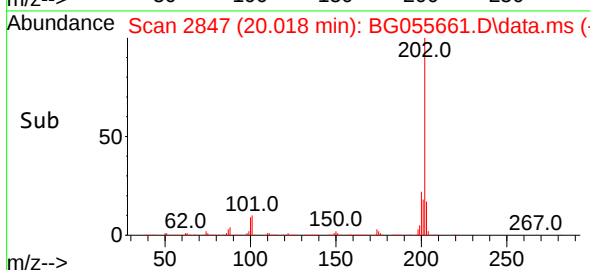
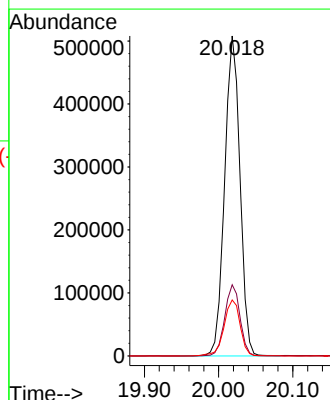
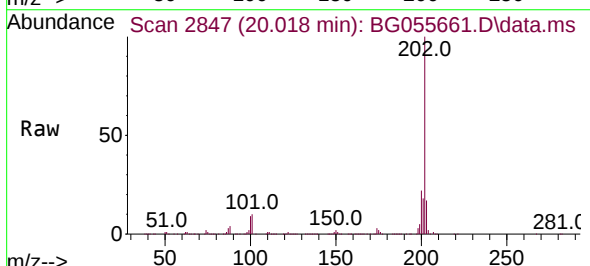
RT: 20.018 min Scan# 2847

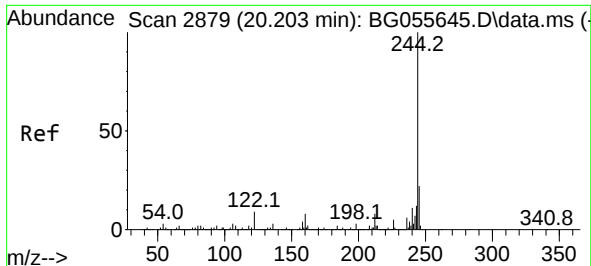
Delta R.T. 0.003 min

Lab File: BG055661.D

Acq: 17 Nov 2022 11:29

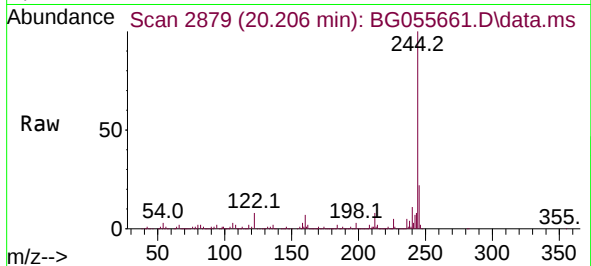
|             |                |
|-------------|----------------|
| Tgt Ion:202 | Resp: 728332   |
| Ion Ratio   | Lower Upper    |
| 202         | 100            |
| 200         | 22.2 17.8 26.6 |
| 203         | 17.5 14.4 21.6 |





#79  
 Terphenyl-d14  
 Concen: 87.604 ng  
 RT: 20.206 min Scan# 2879  
 Delta R.T. 0.003 min  
 Lab File: BG055661.D  
 Acq: 17 Nov 2022 11:29

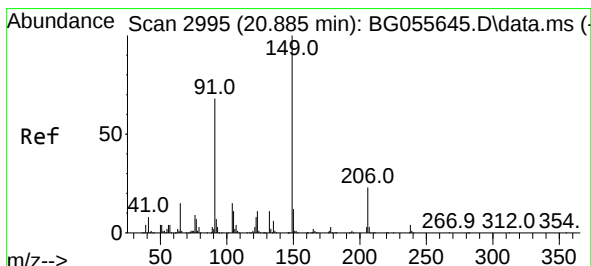
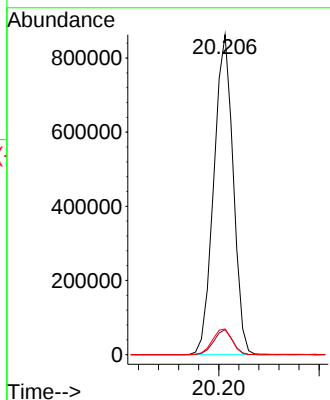
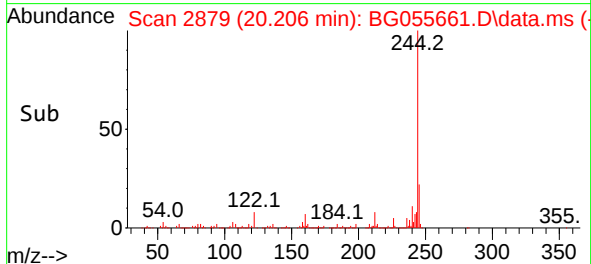
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB148956BS



Tgt Ion:244 Resp: 1156484  
 Ion Ratio Lower Upper  
 244 100  
 212 7.8 6.3 9.5  
 122 8.0 6.9 10.3

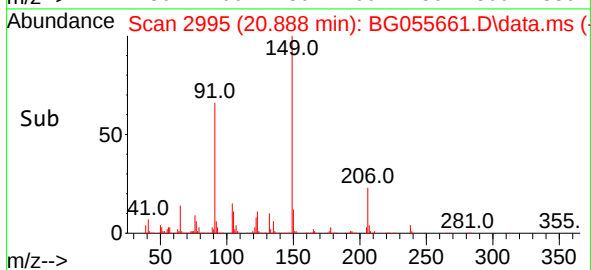
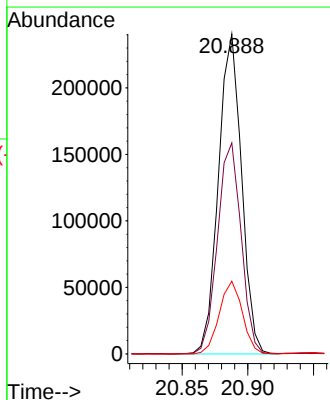
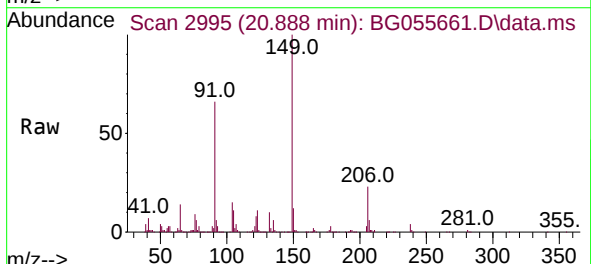
Manual Integrations  
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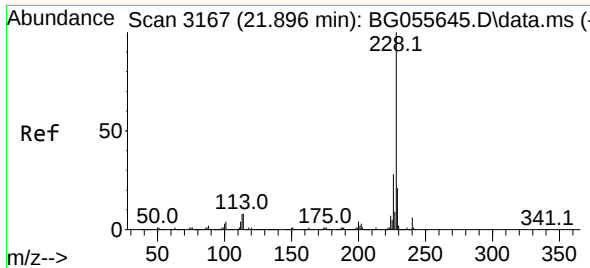
Reviewed By :Christian Giraldo 11/18/2022  
 Supervised By :Jagrut Upadhyay 11/18/2022



#80  
 Butylbenzylphthalate  
 Concen: 42.261 ng  
 RT: 20.888 min Scan# 2995  
 Delta R.T. 0.003 min  
 Lab File: BG055661.D  
 Acq: 17 Nov 2022 11:29

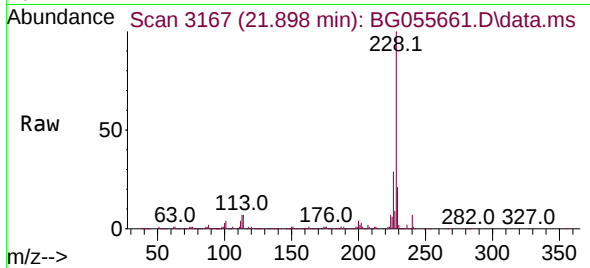
Tgt Ion:149 Resp: 295688  
 Ion Ratio Lower Upper  
 149 100  
 91 65.9 54.6 81.8  
 206 22.7 18.3 27.5





#81  
Benzo(a)anthracene  
Concen: 40.917 ng  
RT: 21.898 min Scan# 3167  
Delta R.T. 0.003 min  
Lab File: BG055661.D  
Acq: 17 Nov 2022 11:29

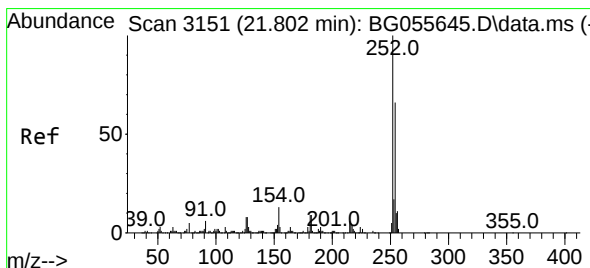
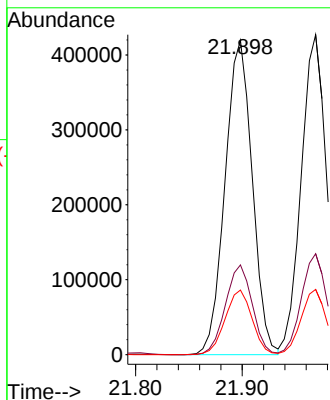
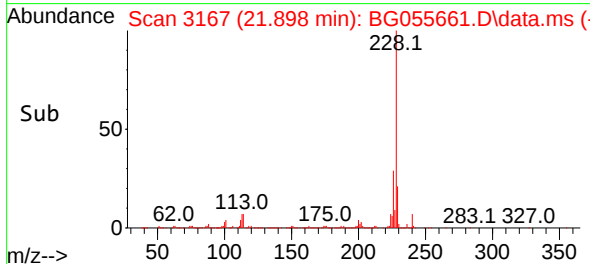
Instrument :  
BNA\_G  
ClientSampleId :  
PB148956BS



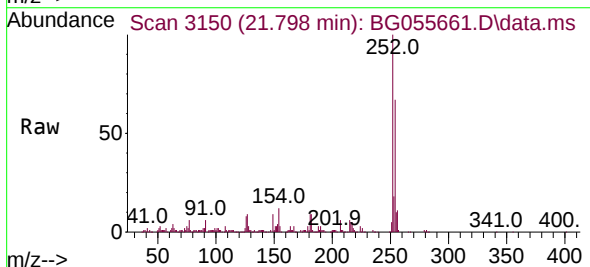
Tgt Ion:228 Resp: 744124  
Ion Ratio Lower Upper  
228 100  
226 28.5 22.7 34.1  
229 20.6 16.5 24.7

Manual Integrations  
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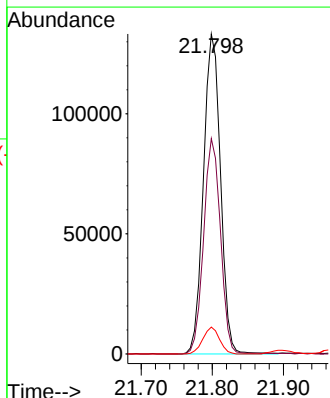
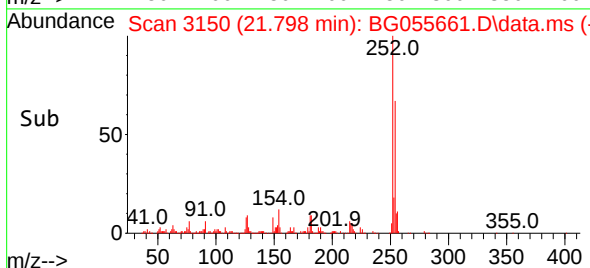
Reviewed By :Christian Giraldo 11/18/2022  
Supervised By :Jagrut Upadhyay 11/18/2022

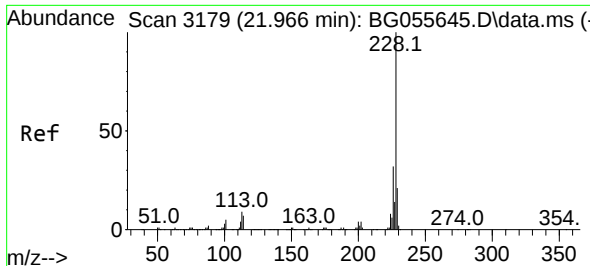


#82  
3,3'-Dichlorobenzidine  
Concen: 34.696 ng  
RT: 21.798 min Scan# 3150  
Delta R.T. -0.003 min  
Lab File: BG055661.D  
Acq: 17 Nov 2022 11:29



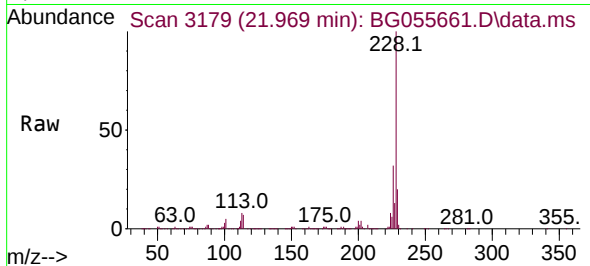
Tgt Ion:252 Resp: 221717  
Ion Ratio Lower Upper  
252 100  
254 67.3 53.0 79.6  
126 8.4 6.7 10.1





#83  
Chrysene  
Concen: 40.763 ng  
RT: 21.969 min Scan# 3179  
Delta R.T. 0.003 min  
Lab File: BG055661.D  
Acq: 17 Nov 2022 11:29

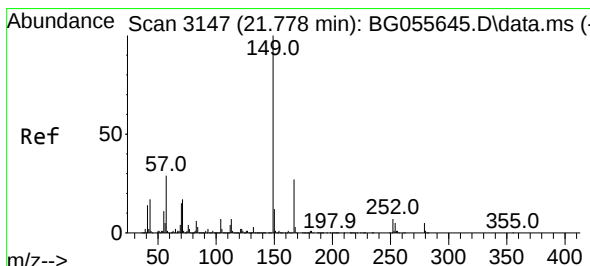
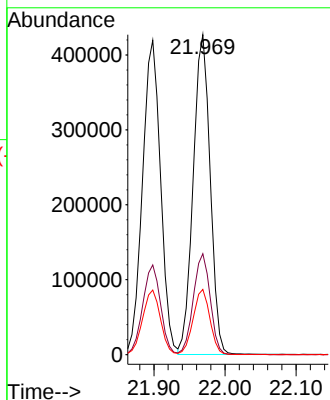
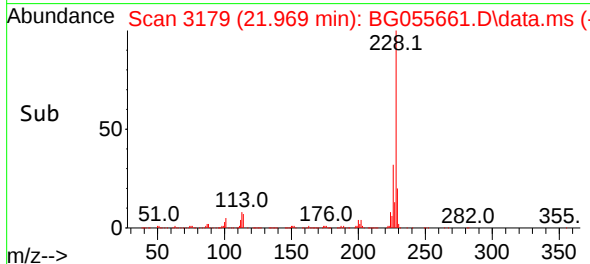
Instrument :  
BNA\_G  
ClientSampleId :  
PB148956BS



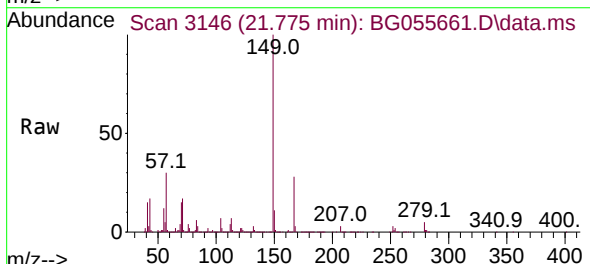
Tgt Ion:228 Resp: 705730  
Ion Ratio Lower Upper  
228 100  
226 31.5 25.4 38.2  
229 20.4 17.1 25.7

Manual Integrations  
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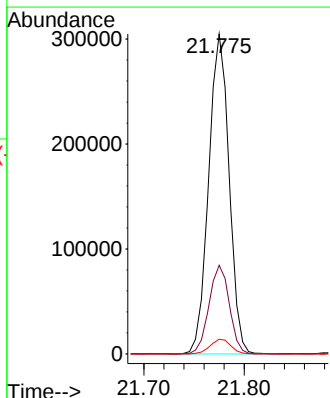
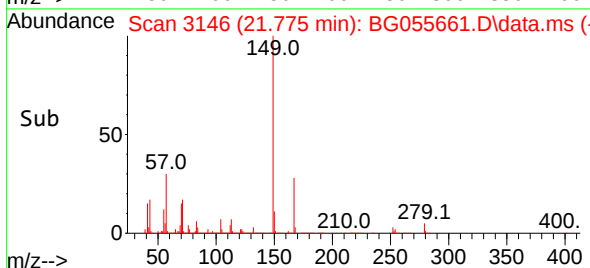
Reviewed By :Christian Giraldo 11/18/2022  
Supervised By :Jagrut Upadhyay 11/18/2022

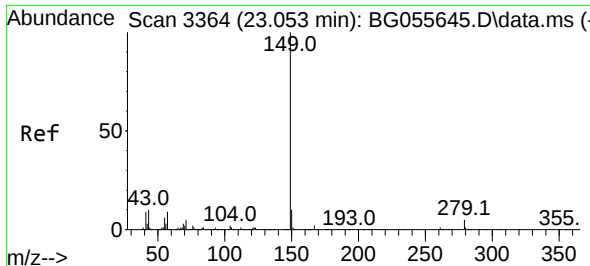


#84  
Bis(2-ethylhexyl)phthalate  
Concen: 42.917 ng  
RT: 21.775 min Scan# 3146  
Delta R.T. -0.003 min  
Lab File: BG055661.D  
Acq: 17 Nov 2022 11:29



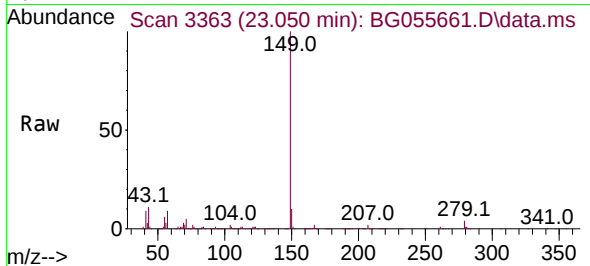
Tgt Ion:149 Resp: 431543  
Ion Ratio Lower Upper  
149 100  
167 27.7 22.0 33.0  
279 4.6 3.7 5.5





#85  
Di-n-octyl phthalate  
Concen: 43.035 ng  
RT: 23.050 min Scan# 3364  
Delta R.T. -0.003 min  
Lab File: BG055661.D  
Acq: 17 Nov 2022 11:29

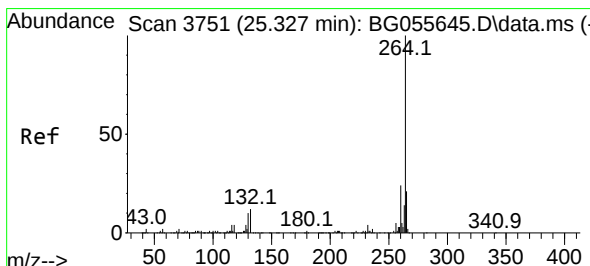
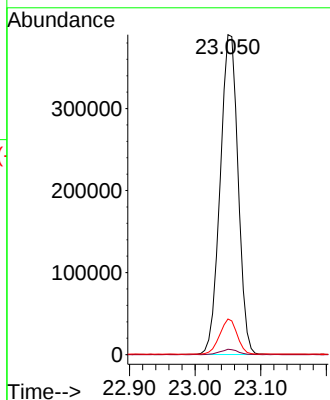
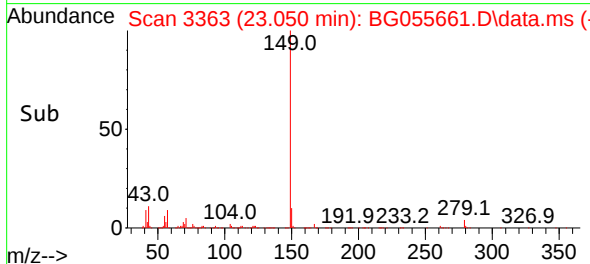
Instrument :  
BNA\_G  
ClientSampleId :  
PB148956BS



Tgt Ion:149 Resp: 740539  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.3 1.9  
43 10.8 8.4 12.6

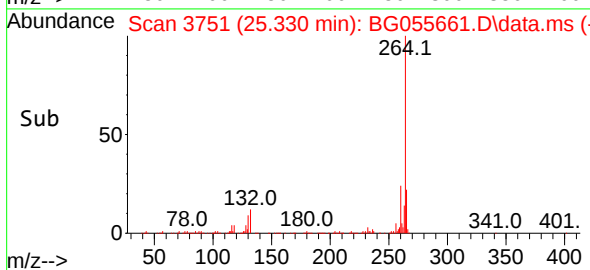
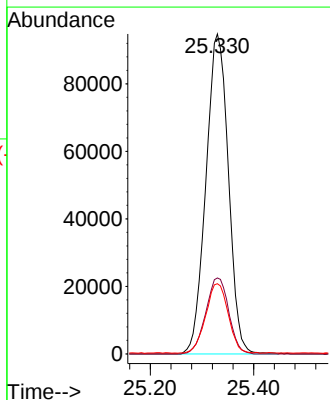
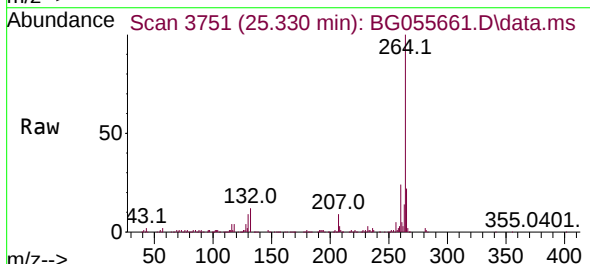
Manual Integrations  
APPROVED

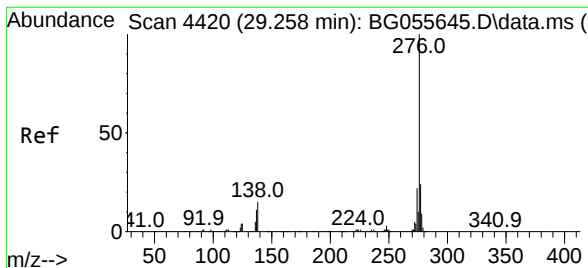
Reviewed By :Christian Giraldo 11/18/2022  
Supervised By :Jagrut Upadhyay 11/18/2022



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.330 min Scan# 3751  
Delta R.T. 0.003 min  
Lab File: BG055661.D  
Acq: 17 Nov 2022 11:29

Tgt Ion:264 Resp: 285781  
Ion Ratio Lower Upper  
264 100  
260 23.7 19.5 29.3  
265 21.9 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.618 ng

RT: 29.260 min Scan# 4420

Delta R.T. 0.003 min

Lab File: BG055661.D

Acq: 17 Nov 2022 11:29

Instrument :

BNA\_G

ClientSampleId :

PB148956BS

Tgt Ion:276 Resp: 904112

Ion Ratio Lower Upper

276 100

138 11.5 10.4 15.6

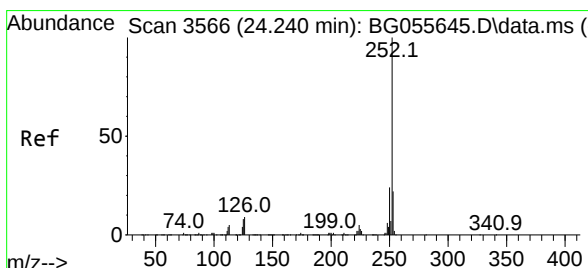
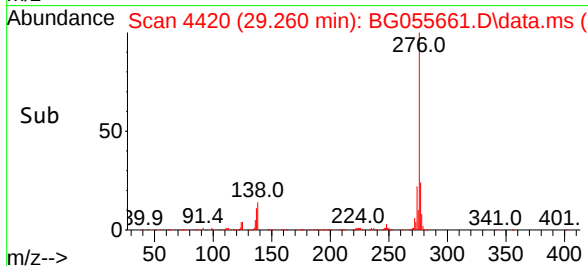
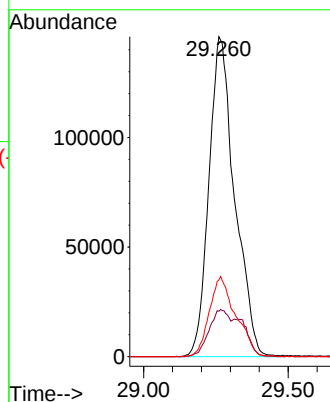
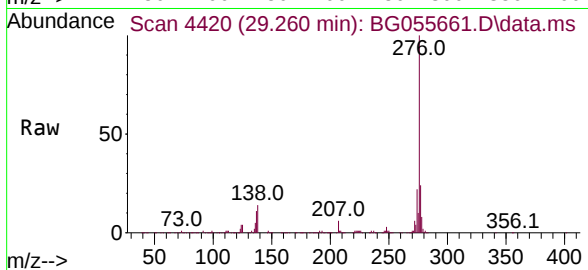
277 25.7 20.2 30.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/18/2022

Supervised By :Jagrut Upadhyay 11/18/2022



#88

Benzo(b)fluoranthene

Concen: 43.307 ng

RT: 24.243 min Scan# 3566

Delta R.T. 0.003 min

Lab File: BG055661.D

Acq: 17 Nov 2022 11:29

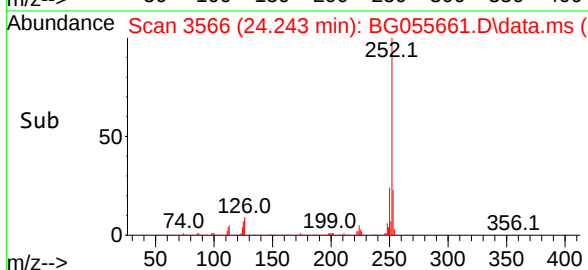
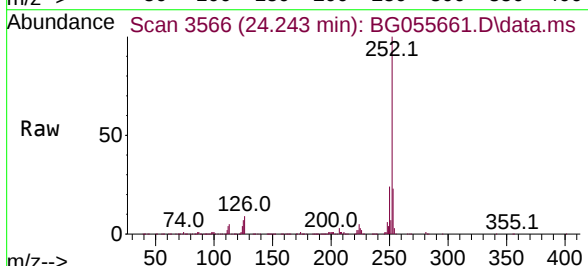
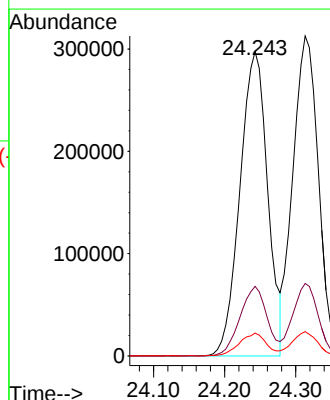
Tgt Ion:252 Resp: 806016

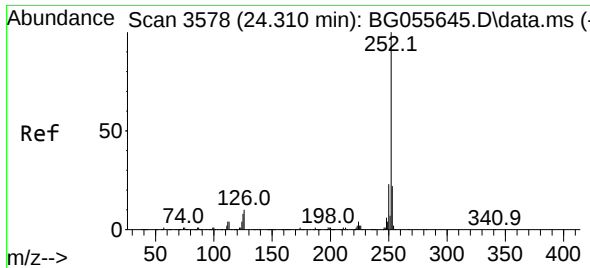
Ion Ratio Lower Upper

252 100

253 22.8 18.0 27.0

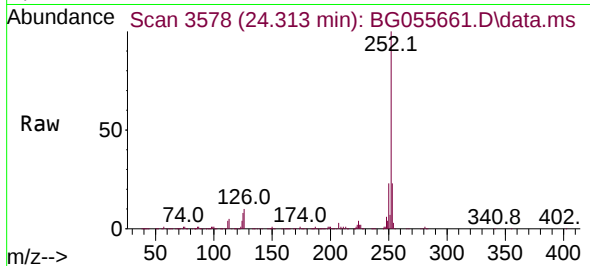
125 7.5 6.2 9.2





#89  
Benzo(k)fluoranthene  
Concen: 42.047 ng  
RT: 24.313 min Scan# 3578  
Delta R.T. 0.003 min  
Lab File: BG055661.D  
Acq: 17 Nov 2022 11:29

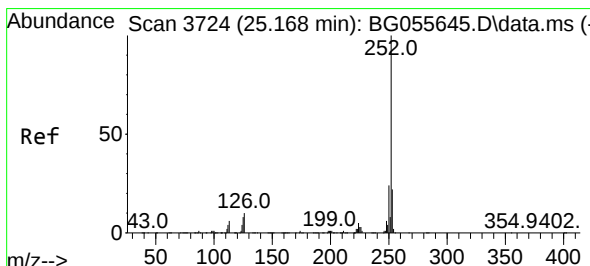
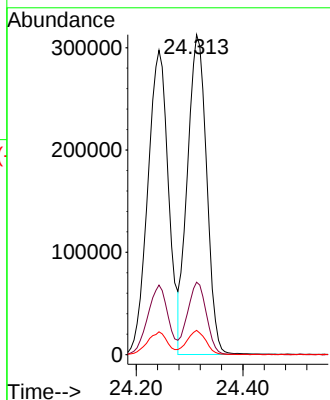
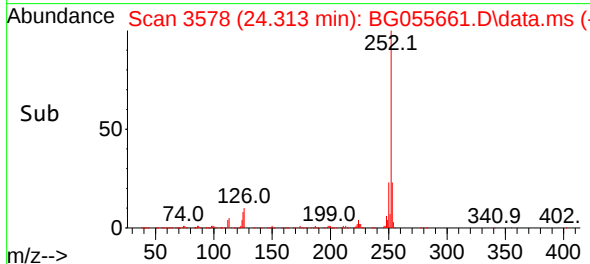
Instrument :  
BNA\_G  
ClientSampleId :  
PB148956BS



Tgt Ion:252 Resp: 780065  
Ion Ratio Lower Upper  
252 100  
253 22.6 17.8 26.6  
125 7.6 6.1 9.1

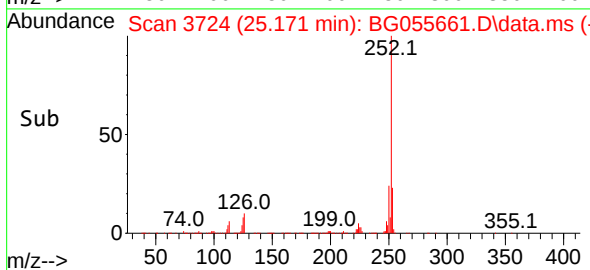
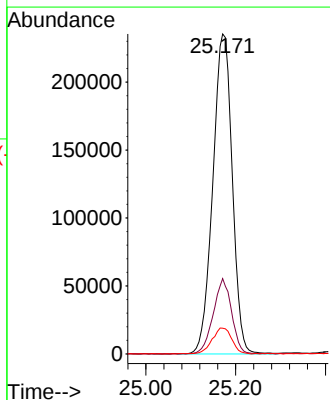
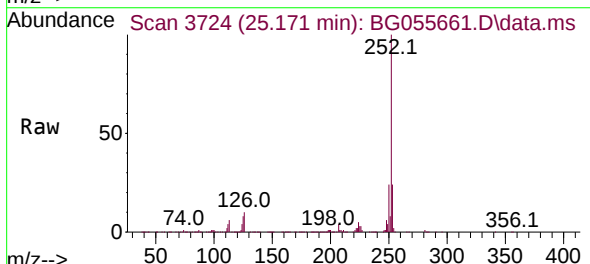
Manual Integrations  
APPROVED

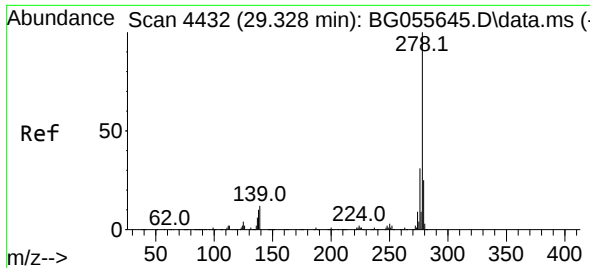
Reviewed By :Christian Giraldo 11/18/2022  
Supervised By :Jagrut Upadhyay 11/18/2022



#90  
Benzo(a)pyrene  
Concen: 44.357 ng  
RT: 25.171 min Scan# 3724  
Delta R.T. 0.003 min  
Lab File: BG055661.D  
Acq: 17 Nov 2022 11:29

Tgt Ion:252 Resp: 708435  
Ion Ratio Lower Upper  
252 100  
253 23.5 17.8 26.6  
125 8.0 6.4 9.6





#91  
Dibenzo(a,h)anthracene  
Concen: 40.749 ng  
RT: 29.337 min Scan# 4433  
Delta R.T. 0.009 min  
Lab File: BG055661.D  
Acq: 17 Nov 2022 11:29

Instrument :

BNA\_G

ClientSampleId :

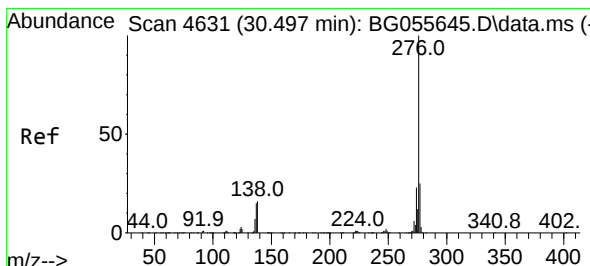
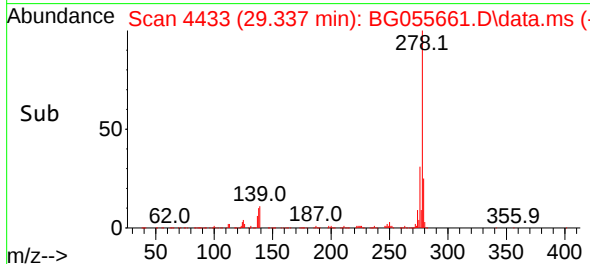
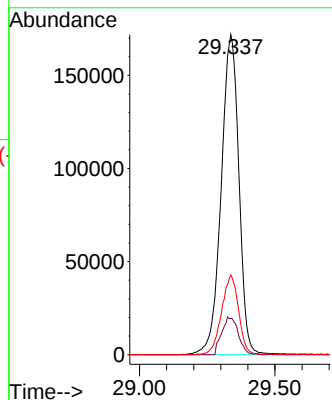
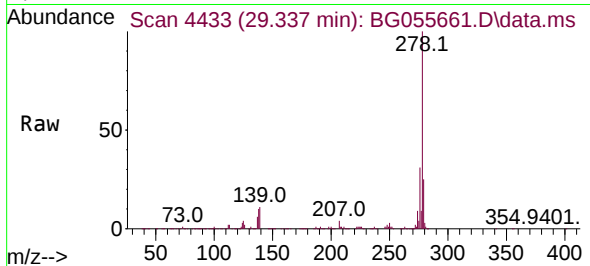
PB148956BS

Tgt Ion:278 Resp: 779590  
Ion Ratio Lower Upper  
278 100  
139 11.3 9.8 14.8  
279 24.8 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/18/2022  
Supervised By :Jagrut Upadhyay 11/18/2022



#92  
Benzo(g,h,i)perylene  
Concen: 39.531 ng  
RT: 30.506 min Scan# 4632  
Delta R.T. 0.009 min  
Lab File: BG055661.D  
Acq: 17 Nov 2022 11:29

Tgt Ion:276 Resp: 762244  
Ion Ratio Lower Upper  
276 100  
277 24.5 19.8 29.6  
138 16.5 13.1 19.7

