

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG050922\  
 Data File : BG053494.D  
 Acq On : 9 May 2022 15:48  
 Operator : CG/JU  
 Sample : N2745-04MS  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MH-31DMS

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 05/10/2022  
 Supervised By : Jagrut Upadhyay 05/10/2022

Quant Time: May 09 17:39:21 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG050522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu May 05 02:13:53 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.088  | 152  | 31180    | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8            | 10.901 | 136  | 119369   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10          | 14.714 | 164  | 86294    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.457 | 188  | 206811   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12              | 21.740 | 240  | 201790   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 25.018 | 264  | 209330   | 20.000  | ng    | -0.02    |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.661  | 112  | 253707   | 138.093 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.253  | 99   | 360515   | 129.298 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.251  | 82   | 246259   | 87.819  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 16.206 | 330  | 160170   | 125.847 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.339 | 172  | 503805   | 85.313  | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.060 | 244  | 868346   | 80.146  | ng    | -0.01    |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.535  | 88   | 37307    | 38.702  | ng    | 93       |
| 3) Pyridine                   | 3.934  | 79   | 92709    | 39.381  | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.846  | 42   | 56954    | 49.665  | ng    | 98       |
| 6) Aniline                    | 7.412  | 93   | 117089   | 37.915  | ng    | 96       |
| 8) 2-Chlorophenol             | 7.659  | 128  | 98233    | 51.146  | ng    | 98       |
| 9) Benzaldehyde               | 7.224  | 77   | 68179m   | 38.490  | ng    |          |
| 10) Phenol                    | 7.283  | 94   | 135900   | 49.835  | ng    | 94       |
| 11) bis(2-Chloroethyl)ether   | 7.500  | 93   | 93741    | 46.091  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 7.976  | 146  | 106327   | 46.927  | ng    | 93       |
| 13) 1,4-Dichlorobenzene       | 8.123  | 146  | 106961   | 46.781  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.446  | 146  | 101607   | 47.324  | ng    | 97       |
| 15) Benzyl Alcohol            | 8.328  | 79   | 111848   | 47.981  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.616  | 45   | 150729   | 45.535  | ng    | 98       |
| 17) 2-Methylphenol            | 8.534  | 107  | 91635    | 49.716  | ng    | 95       |
| 18) Hexachloroethane          | 9.174  | 117  | 41686    | 48.011  | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 8.892  | 70   | 88600    | 44.288  | ng    | 99       |
| 20) 3+4-Methylphenols         | 8.863  | 107  | 122377   | 47.012  | ng    | 96       |
| 22) Acetophenone              | 8.910  | 105  | 153816   | 47.082  | ng    | # 97     |
| 24) Nitrobenzene              | 9.298  | 77   | 138838   | 51.155  | ng    | 97       |
| 25) Isophorone                | 9.815  | 82   | 241107   | 51.090  | ng    | 98       |
| 26) 2-Nitrophenol             | 10.008 | 139  | 56579    | 51.470  | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 10.067 | 122  | 97042    | 58.660  | ng    | 96       |
| 28) bis(2-Chloroethoxy)met... | 10.296 | 93   | 129790   | 47.819  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 10.549 | 162  | 104797   | 52.488  | ng    | 92       |
| 30) 1,2,4-Trichlorobenzene    | 10.760 | 180  | 109711   | 48.363  | ng    | 98       |
| 31) Naphthalene               | 10.948 | 128  | 295282   | 48.630  | ng    | 99       |
| 32) Benzoic acid              | 10.243 | 122  | 47671    | 46.436  | ng    | 93       |
| 33) 4-Chloroaniline           | 11.054 | 127  | 51743    | 20.348  | ng    | 94       |
| 34) Hexachlorobutadiene       | 11.236 | 225  | 81682    | 48.558  | ng    | 97       |
| 35) Caprolactam               | 11.829 | 113  | 32435m   | 44.704  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 12.182 | 107  | 116821   | 48.915  | ng    | 98       |
| 37) 2-Methylnaphthalene       | 12.546 | 142  | 211292   | 46.628  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.764 | 142  | 205176   | 46.408  | ng    | 97       |
| 40) 1,2,4,5-Tetrachloroben... | 12.916 | 216  | 135988   | 49.994  | ng    | # 99     |
| 41) Hexachlorocyclopentadiene | 12.899 | 237  | 147882   | 127.566 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol     | 13.157 | 196  | 90383    | 50.904  | ng    | 96       |

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 Operator : CG/JU  
 Sample : N2745-04MS  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MH-31DMS

Manual Integrations  
 APPROVED

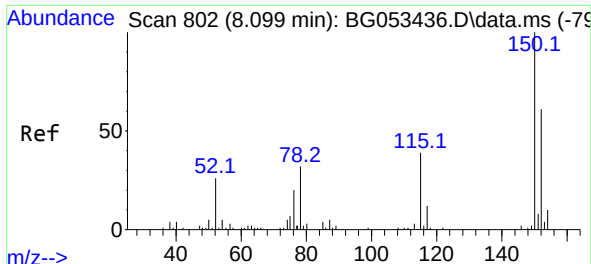
Reviewed By : Christian Giraldo 05/10/2022  
 Supervised By : Jagrut Upadhyay 05/10/2022

Quant Time: May 09 17:39:21 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG050522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu May 05 02:13:53 2022  
 Response via : Initial Calibration

| Compound                       | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol      | 13.233 | 196  | 99456    | 52.630 | ng    | 99       |
| 46) 1,1'-Biphenyl              | 13.545 | 154  | 294374   | 50.046 | ng    | 98       |
| 47) 2-Chloronaphthalene        | 13.592 | 162  | 226749   | 49.202 | ng    | 98       |
| 48) 2-Nitroaniline             | 13.792 | 65   | 86419    | 50.325 | ng    | 98       |
| 49) Acenaphthylene             | 14.438 | 152  | 381553   | 51.884 | ng    | 98       |
| 50) Dimethylphthalate          | 14.162 | 163  | 305977   | 46.660 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.285 | 165  | 66334    | 49.652 | ng    | 100      |
| 52) Acenaphthene               | 14.778 | 154  | 213786   | 48.781 | ng    | 99       |
| 53) 3-Nitroaniline             | 14.620 | 138  | 39448    | 27.328 | ng    | # 93     |
| 54) 2,4-Dinitrophenol          | 14.831 | 184  | 82043    | 95.437 | ng    | 96       |
| 55) Dibenzofuran               | 15.113 | 168  | 362578   | 46.059 | ng    | 99       |
| 56) 4-Nitrophenol              | 14.937 | 139  | 101182   | 98.137 | ng    | 86       |
| 57) 2,4-Dinitrotoluene         | 15.072 | 165  | 93045    | 48.048 | ng    | # 86     |
| 58) Fluorene                   | 15.759 | 166  | 297331   | 47.067 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.342 | 232  | 88981    | 46.409 | ng    | 98       |
| 60) Diethylphthalate           | 15.519 | 149  | 311241   | 45.948 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.748 | 204  | 163230   | 46.306 | ng    | 99       |
| 62) 4-Nitroaniline             | 15.783 | 138  | 67359    | 44.990 | ng    | 97       |
| 63) Azobenzene                 | 16.041 | 77   | 318257   | 45.883 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph...  | 15.842 | 198  | 60019    | 48.704 | ng    | 96       |
| 66) n-Nitrosodiphenylamine     | 15.959 | 169  | 264559   | 48.723 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether  | 16.641 | 248  | 118405   | 49.022 | ng    | 98       |
| 68) Hexachlorobenzene          | 16.770 | 284  | 127881   | 48.344 | ng    | 99       |
| 69) Atrazine                   | 16.905 | 200  | 112628   | 49.271 | ng    | 93       |
| 70) Pentachlorophenol          | 17.116 | 266  | 133417   | 92.863 | ng    | 96       |
| 71) Phenanthrene               | 17.504 | 178  | 495593   | 47.128 | ng    | 98       |
| 72) Anthracene                 | 17.592 | 178  | 498759   | 48.253 | ng    | 98       |
| 73) Carbazole                  | 17.857 | 167  | 462594   | 45.665 | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.409 | 149  | 538490   | 47.265 | ng    | 99       |
| 75) Fluoranthene               | 19.507 | 202  | 629980   | 46.267 | ng    | 99       |
| 77) Benzidine                  | 19.684 | 184  | 398688   | 91.667 | ng    | 99       |
| 78) Pyrene                     | 19.872 | 202  | 631210   | 48.321 | ng    | 100      |
| 80) Butylbenzylphthalate       | 20.741 | 149  | 237629   | 49.609 | ng    | 95       |
| 81) Benzo(a)anthracene         | 21.722 | 228  | 619120   | 48.104 | ng    | 97       |
| 82) 3,3'-Dichlorobenzidine     | 21.628 | 252  | 134466   | 41.199 | ng    | 96       |
| 83) Chrysene                   | 21.787 | 228  | 567658   | 47.224 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha...  | 21.610 | 149  | 329933   | 49.903 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 22.832 | 149  | 556599   | 49.786 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene     | 28.783 | 276  | 706156   | 48.435 | ng    | # 94     |
| 88) Benzo(b)fluoranthene       | 23.978 | 252  | 661506   | 53.388 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 24.048 | 252  | 600922   | 49.354 | ng    | 97       |
| 90) Benzo(a)pyrene             | 24.871 | 252  | 623179   | 59.090 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 28.836 | 278  | 611594   | 50.910 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 29.958 | 276  | 609960   | 51.222 | ng    | 98       |

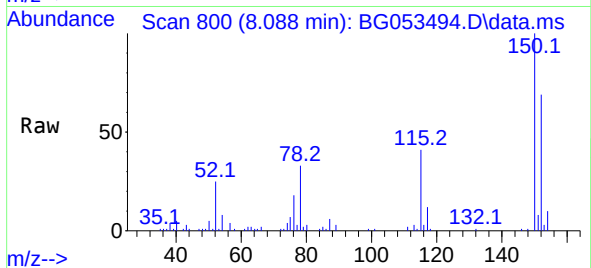
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.088 min Scan# 80  
Delta R.T. -0.011 min  
Lab File: BG053494.D  
Acq: 9 May 2022 15:48

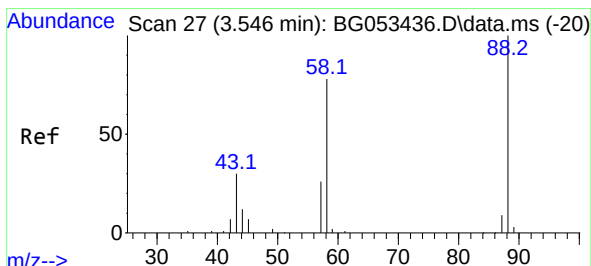
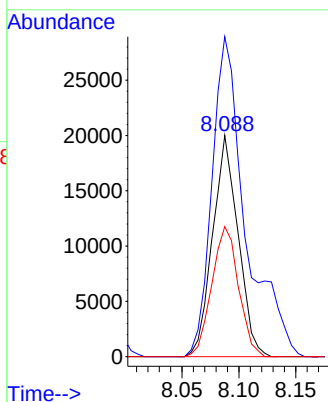
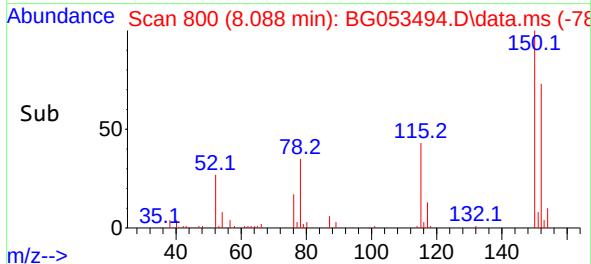
Instrument :  
BNA\_G  
ClientSampleId :  
MH-31DMS



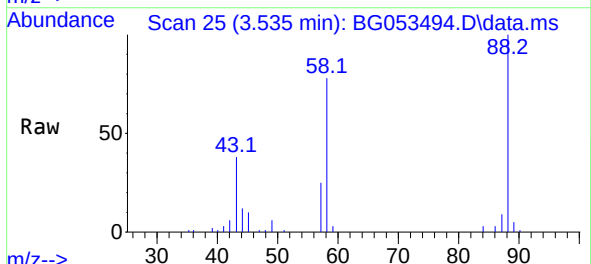
Tgt Ion:152 Resp: 31180  
Ion Ratio Lower Upper  
152 100  
150 144.6 131.6 197.4  
115 58.8 50.9 76.3

Manual Integrations  
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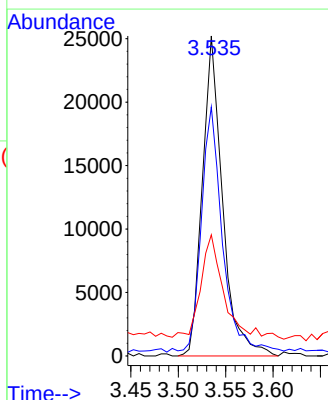
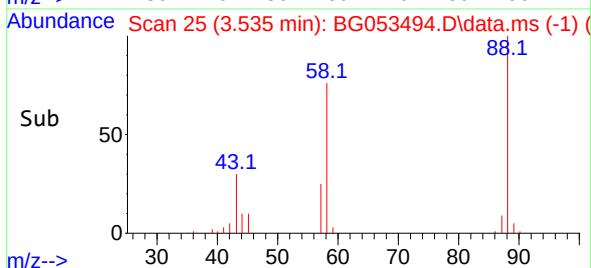
Reviewed By :Christian Giraldo 05/10/2022  
Supervised By :Jagrut Upadhyay 05/10/2022

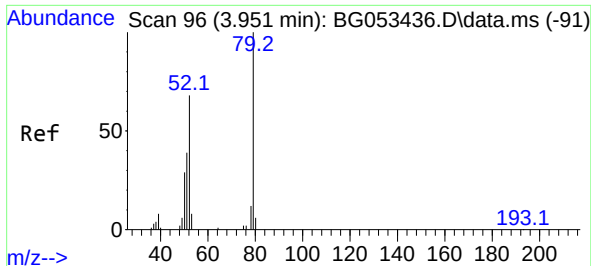


#2  
1,4-Dioxane  
Concen: 38.702 ng  
RT: 3.535 min Scan# 25  
Delta R.T. -0.011 min  
Lab File: BG053494.D  
Acq: 9 May 2022 15:48



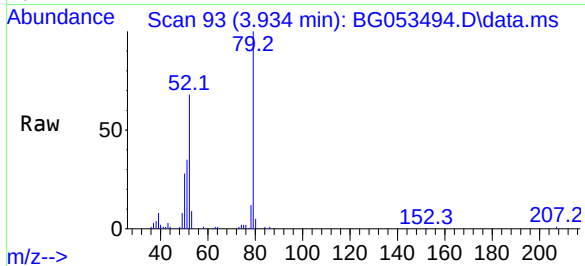
Tgt Ion: 88 Resp: 37307  
Ion Ratio Lower Upper  
88 100  
58 80.1 59.2 88.8  
43 34.2 24.3 36.5





#3  
Pyridine  
Concen: 39.381 ng  
RT: 3.934 min Scan# 91  
Delta R.T. -0.017 min  
Lab File: BG053494.D  
Acq: 9 May 2022 15:48

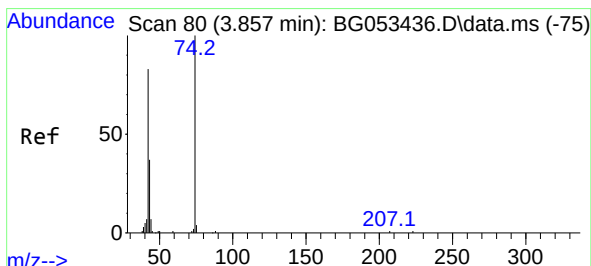
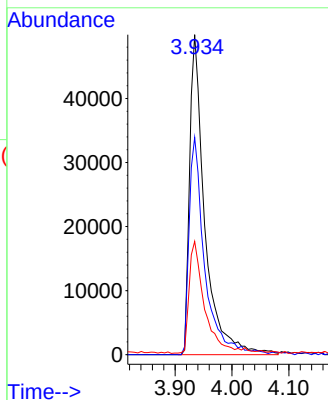
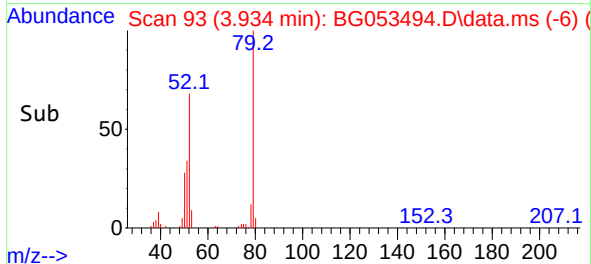
Instrument :  
BNA\_G  
ClientSampleId :  
MH-31DMS



Tgt Ion: 79 Resp: 92709  
Ion Ratio Lower Upper  
79 100  
52 67.9 54.6 81.8  
51 35.4 32.5 48.7

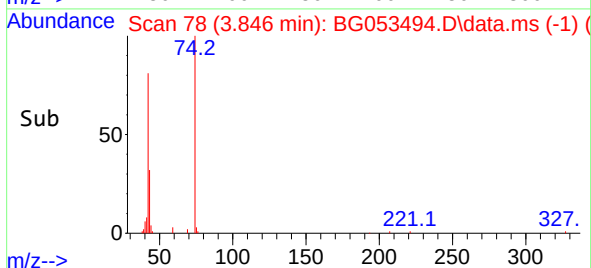
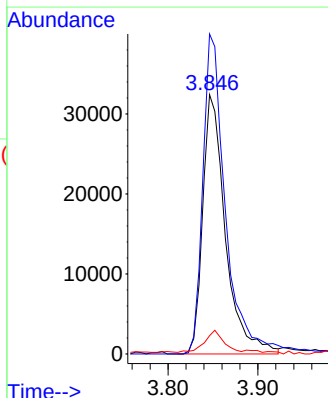
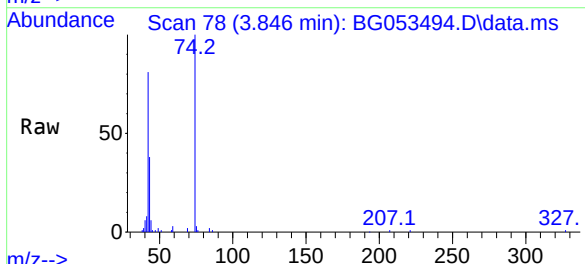
Manual Integrations  
APPROVED

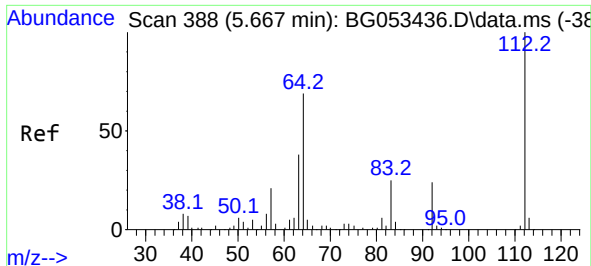
Reviewed By :Christian Giraldo 05/10/2022  
Supervised By :Jagrut Upadhyay 05/10/2022



#4  
n-Nitrosodimethylamine  
Concen: 49.665 ng  
RT: 3.846 min Scan# 78  
Delta R.T. -0.011 min  
Lab File: BG053494.D  
Acq: 9 May 2022 15:48

Tgt Ion: 42 Resp: 56954  
Ion Ratio Lower Upper  
42 100  
74 123.3 97.0 145.4  
44 7.0 7.0 10.4





#5  
2-Fluorophenol  
Concen: 138.093 ng  
RT: 5.661 min Scan# 388  
Delta R.T. -0.006 min  
Lab File: BG053494.D  
Acq: 9 May 2022 15:48

Instrument :

BNA\_G

ClientSampleId :

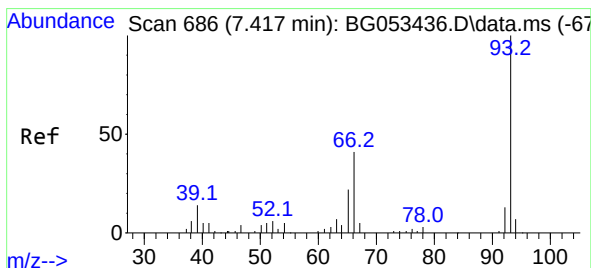
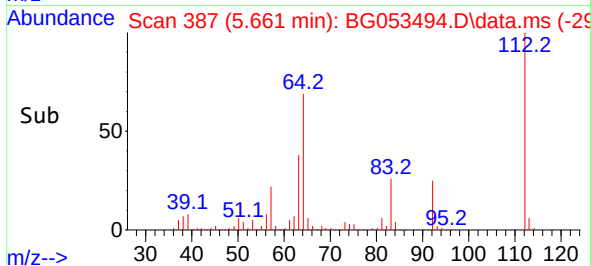
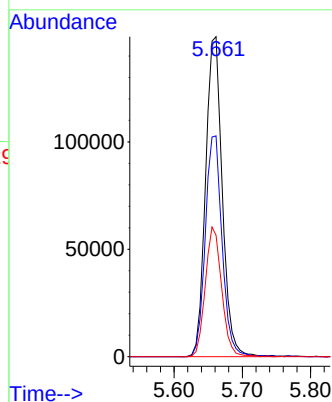
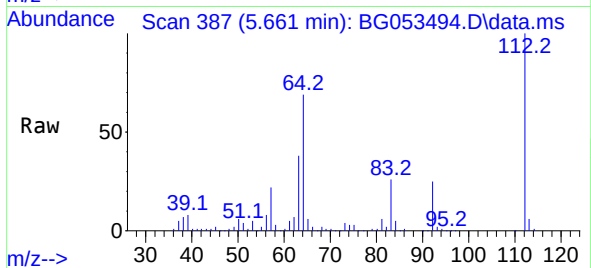
MH-31DMS

Tgt Ion:112 Resp: 25370  
Ion Ratio Lower Upper  
112 100  
64 69.0 55.1 82.7  
63 37.9 30.4 45.6

Manual Integrations

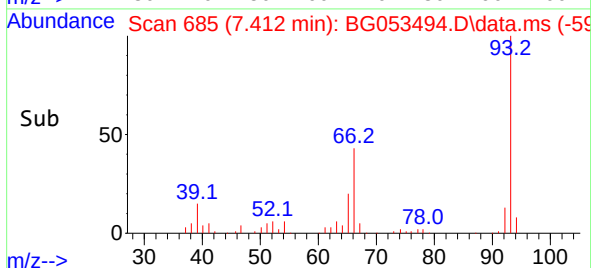
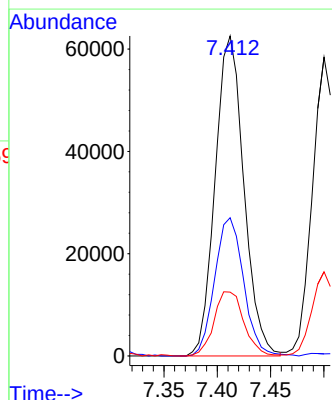
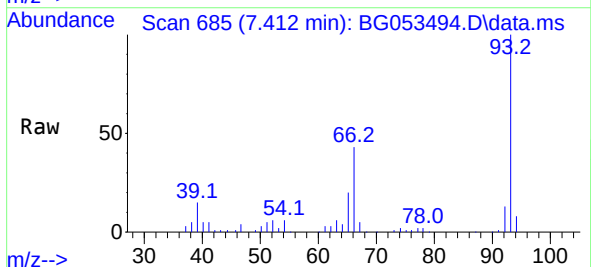
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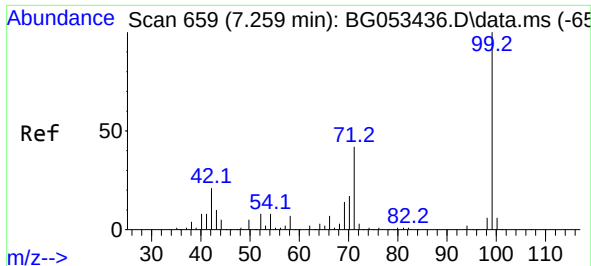
Reviewed By :Christian Giraldo 05/10/2022  
Supervised By :Jagrut Upadhyay 05/10/2022



#6  
Aniline  
Concen: 37.915 ng  
RT: 7.412 min Scan# 685  
Delta R.T. -0.005 min  
Lab File: BG053494.D  
Acq: 9 May 2022 15:48

Tgt Ion: 93 Resp: 117089  
Ion Ratio Lower Upper  
93 100  
66 43.2 32.9 49.3  
65 20.0 17.8 26.8





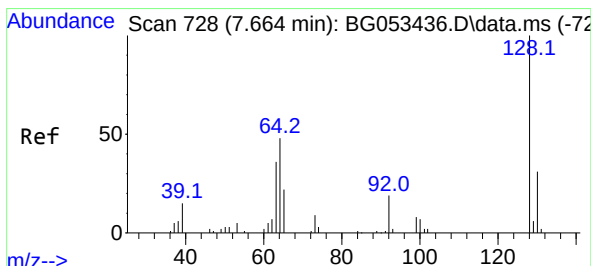
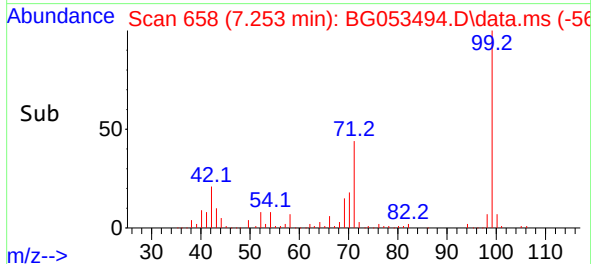
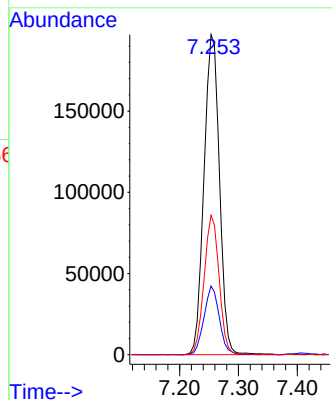
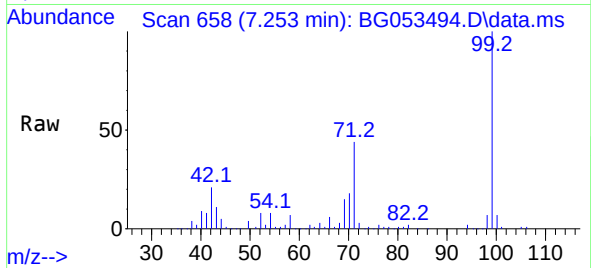
#7  
Phenol-d6  
Concen: 129.298 ng  
RT: 7.253 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BG053494.D  
Acq: 9 May 2022 15:48

Instrument :  
BNA\_G  
ClientSampleId :  
MH-31DMS

Tgt Ion: 99 Resp: 36051  
Ion Ratio Lower Upper  
99 100  
42 21.5 17.0 25.6  
71 43.6 33.8 50.8

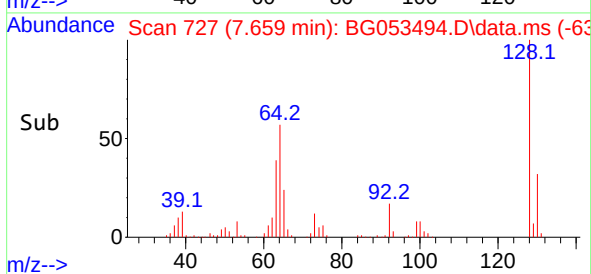
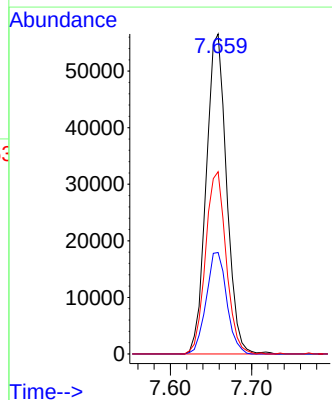
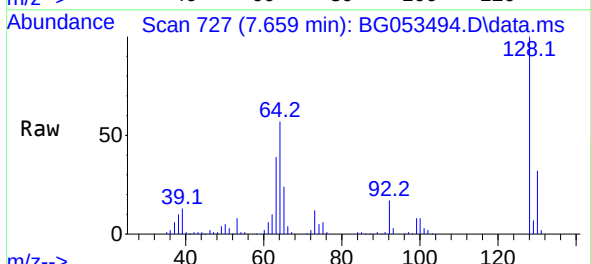
Manual Integrations  
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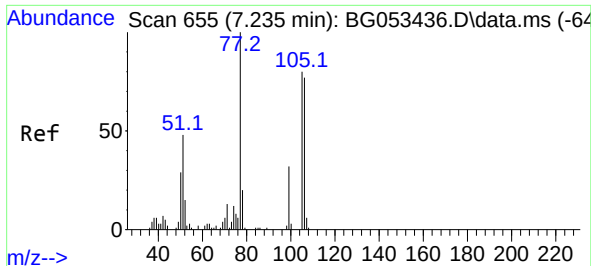
Reviewed By :Christian Giraldo 05/10/2022  
Supervised By :Jagrut Upadhyay 05/10/2022



#8  
2-Chlorophenol  
Concen: 51.146 ng  
RT: 7.659 min Scan# 727  
Delta R.T. -0.005 min  
Lab File: BG053494.D  
Acq: 9 May 2022 15:48

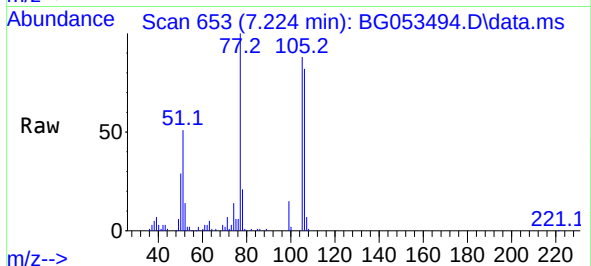
Tgt Ion:128 Resp: 98233  
Ion Ratio Lower Upper  
128 100  
130 31.7 10.5 50.5  
64 56.9 35.1 75.1





#9  
Benzaldehyde  
Concen: 38.490 ng m  
RT: 7.224 min Scan# 61  
Delta R.T. -0.011 min  
Lab File: BG053494.D  
Acq: 9 May 2022 15:48

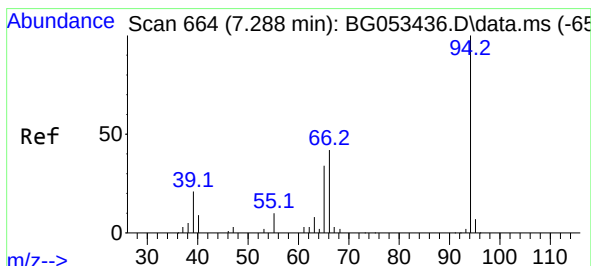
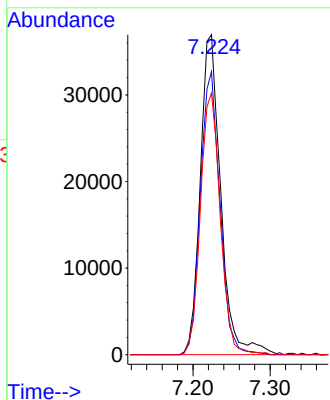
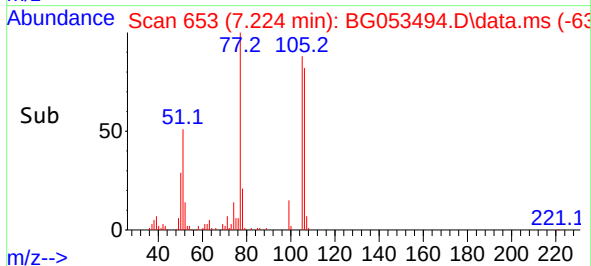
Instrument :  
BNA\_G  
ClientSampleId :  
MH-31DMS



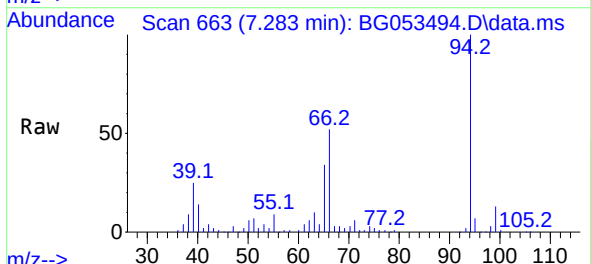
Tgt Ion: 77 Resp: 68179  
Ion Ratio Lower Upper  
77 100  
105 88.5 59.6 99.6  
106 81.8 56.8 96.8

Manual Integrations  
APPROVED

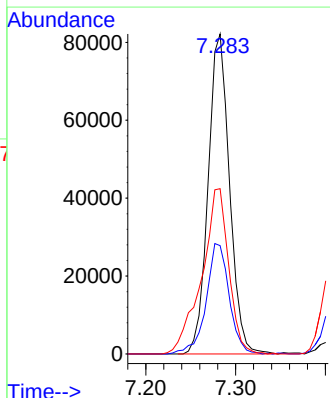
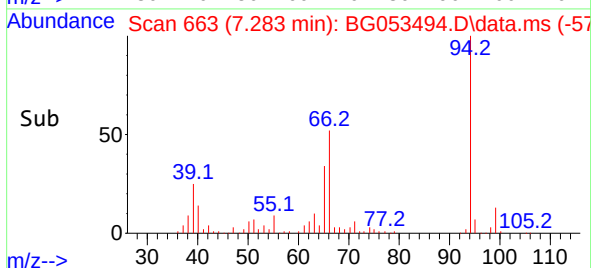
Reviewed By :Christian Giraldo 05/10/2022  
Supervised By :Jagrut Upadhyay 05/10/2022



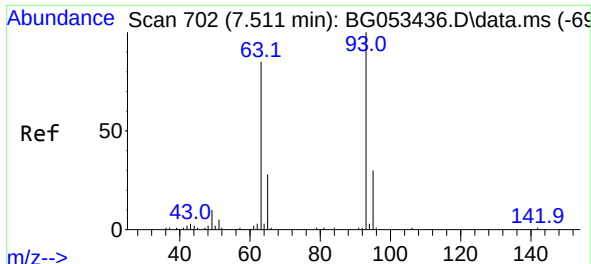
#10  
Phenol  
Concen: 49.835 ng  
RT: 7.283 min Scan# 663  
Delta R.T. -0.005 min  
Lab File: BG053494.D  
Acq: 9 May 2022 15:48



Tgt Ion: 94 Resp: 135900  
Ion Ratio Lower Upper  
94 100  
65 33.8 14.8 54.8  
66 51.6 25.2 65.2

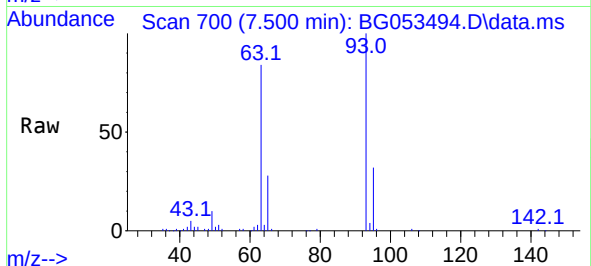






#11  
bis(2-Chloroethyl)ether  
Concen: 46.091 ng  
RT: 7.500 min Scan# 702  
Delta R.T. -0.011 min  
Lab File: BG053494.D  
Acq: 9 May 2022 15:48

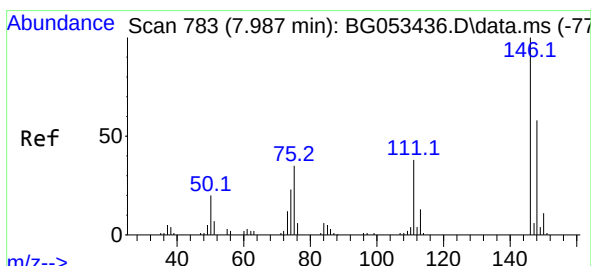
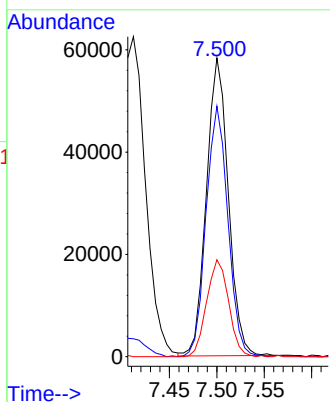
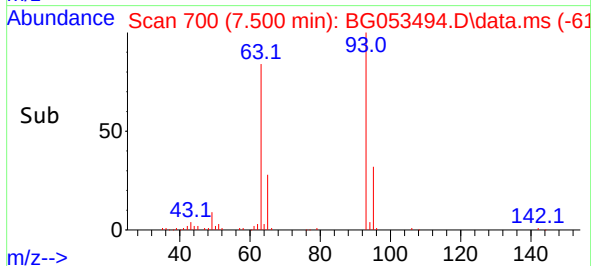
Instrument :  
BNA\_G  
ClientSampleId :  
MH-31DMS



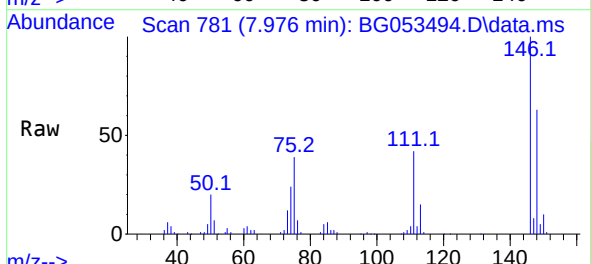
Tgt Ion: 93 Resp: 9374  
Ion Ratio Lower Upper  
93 100  
63 83.8 63.6 103.6  
95 32.4 10.1 50.1

Manual Integrations  
APPROVED

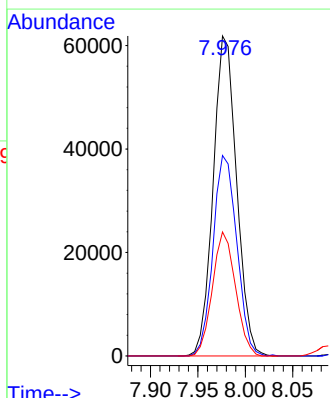
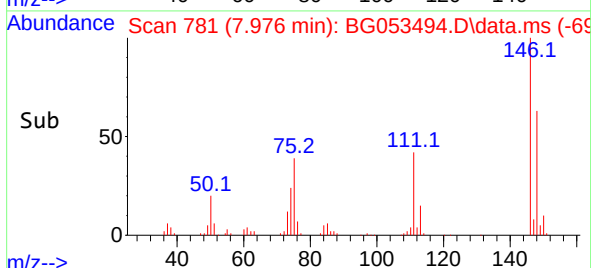
Reviewed By :Christian Giraldo 05/10/2022  
Supervised By :Jagrut Upadhyay 05/10/2022



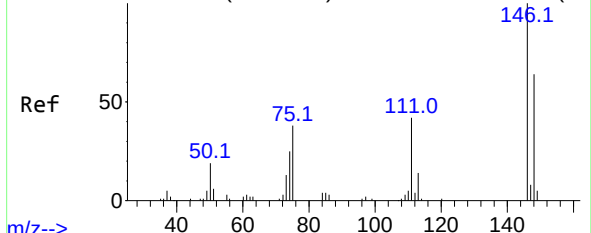
#12  
1,3-Dichlorobenzene  
Concen: 46.927 ng  
RT: 7.976 min Scan# 781  
Delta R.T. -0.011 min  
Lab File: BG053494.D  
Acq: 9 May 2022 15:48



Tgt Ion:146 Resp: 106327  
Ion Ratio Lower Upper  
146 100  
148 62.6 46.1 69.1  
75 38.8 27.6 41.4

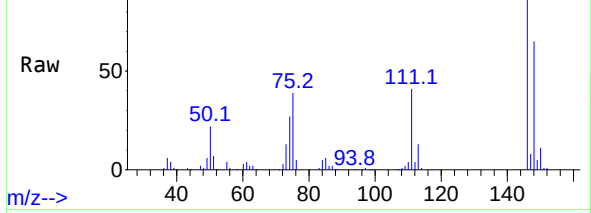


Abundance Scan 808 (8.134 min): BG053436.D\data.ms (-80



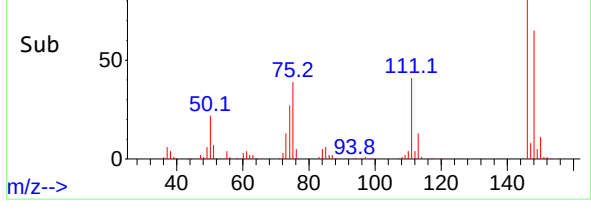
m/z-->

Abundance Scan 806 (8.123 min): BG053494.D\data.ms



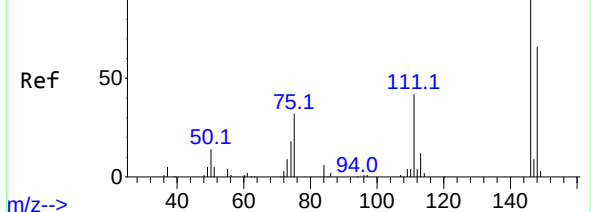
m/z-->

Abundance Scan 806 (8.123 min): BG053494.D\data.ms (-71



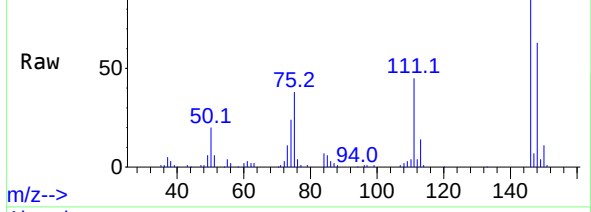
m/z-->

Abundance Scan 863 (8.457 min): BG053436.D\data.ms (-85



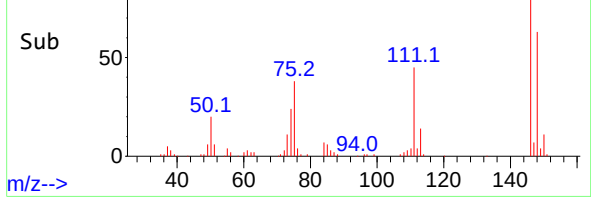
m/z-->

Abundance Scan 861 (8.446 min): BG053494.D\data.ms



m/z-->

Abundance Scan 861 (8.446 min): BG053494.D\data.ms (-77



m/z-->

#13

1,4-Dichlorobenzene

Concen: 46.781 ng

RT: 8.123 min Scan# 80

Delta R.T. -0.011 min

Lab File: BG053494.D

Acq: 9 May 2022 15:48

Tgt Ion:146 Resp: 10696

Ion Ratio Lower Upper

146 100

148 64.5 51.5 77.3

111 41.4 33.9 50.9

Instrument :

BNA\_G

ClientSampleId :

MH-31DMS

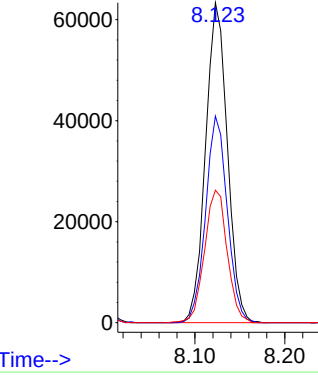
Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/10/2022

Supervised By :Jagrut Upadhyay 05/10/2022

Abundance



Time-->

#14

1,2-Dichlorobenzene

Concen: 47.324 ng

RT: 8.446 min Scan# 861

Delta R.T. -0.011 min

Lab File: BG053494.D

Acq: 9 May 2022 15:48

Tgt Ion:146 Resp: 101607

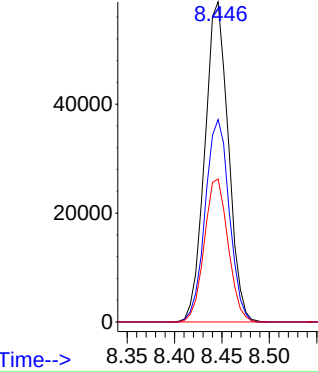
Ion Ratio Lower Upper

146 100

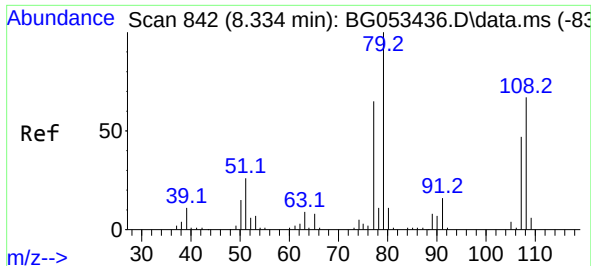
148 63.2 52.6 78.8

111 44.7 34.5 51.7

Abundance



Time-->



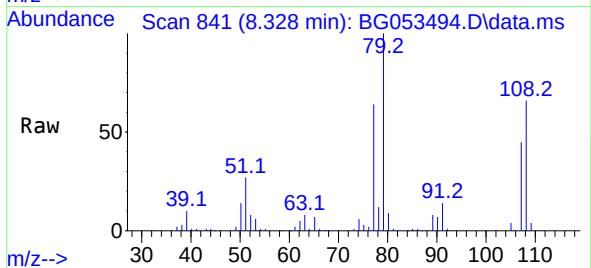
#15  
Benzyl Alcohol  
Concen: 47.981 ng  
RT: 8.328 min Scan# 841  
Delta R.T. -0.005 min  
Lab File: BG053494.D  
Acq: 9 May 2022 15:48

Instrument :

BNA\_G

ClientSampleId :

MH-31DMS

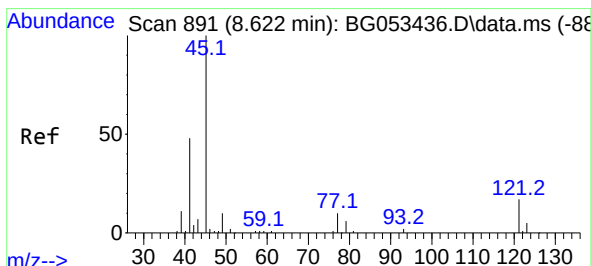
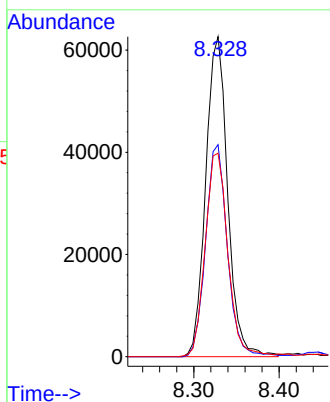
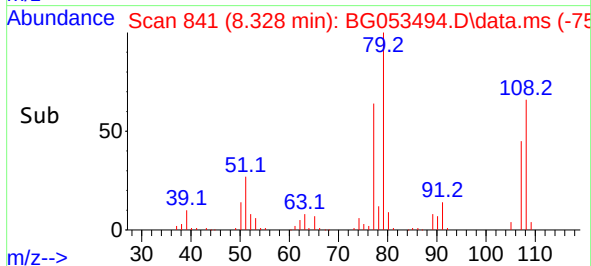


Tgt Ion: 79 Resp: 111848  
Ion Ratio Lower Upper  
79 100  
108 66.2 53.7 80.5  
77 63.6 52.2 78.4

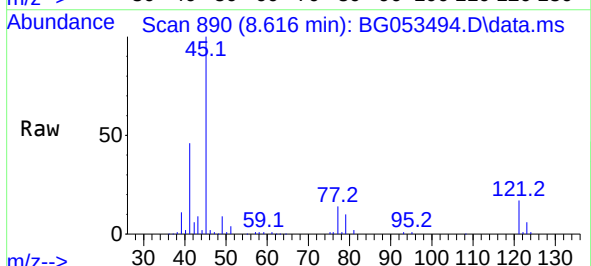
Manual Integrations

APPROVED

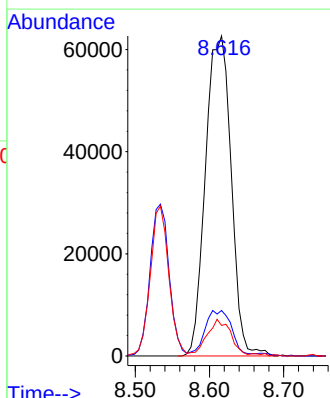
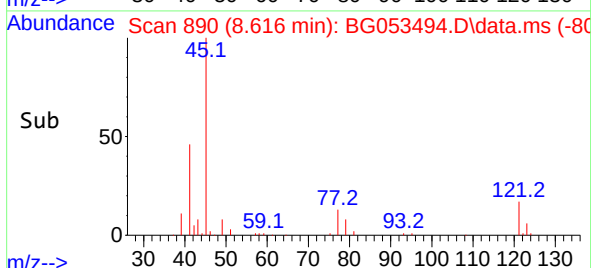
Reviewed By :Christian Giraldo 05/10/2022  
Supervised By :Jagrut Upadhyay 05/10/2022

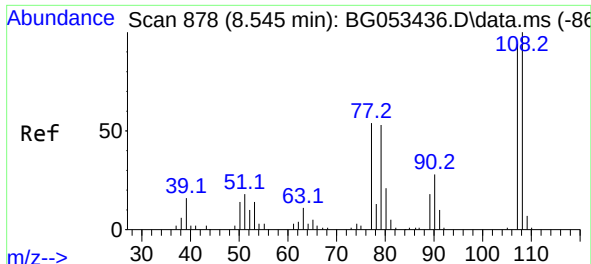


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 45.535 ng  
RT: 8.616 min Scan# 890  
Delta R.T. -0.005 min  
Lab File: BG053494.D  
Acq: 9 May 2022 15:48



Tgt Ion: 45 Resp: 150729  
Ion Ratio Lower Upper  
45 100  
77 14.2 0.0 32.7  
79 9.5 0.0 29.7





#17  
2-Methylphenol  
Concen: 49.716 ng  
RT: 8.534 min Scan# 81  
Delta R.T. -0.011 min  
Lab File: BG053494.D  
Acq: 9 May 2022 15:48

Instrument :

BNA\_G

ClientSampleId :

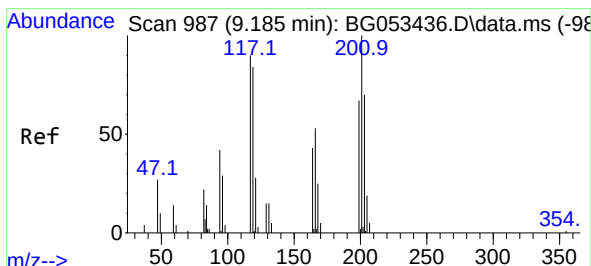
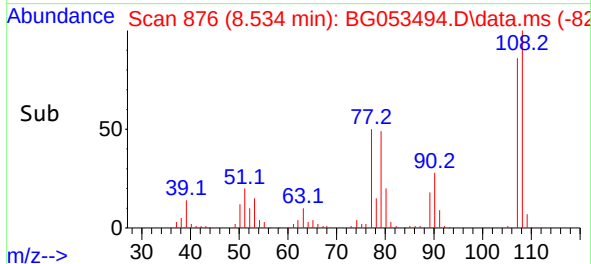
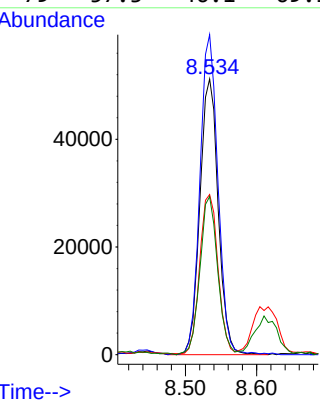
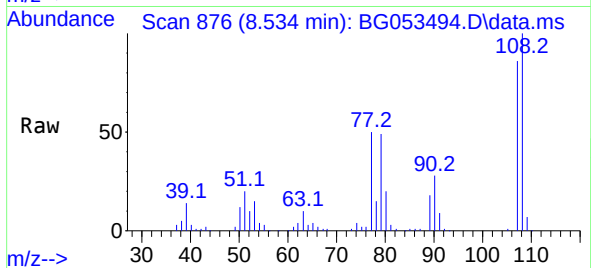
MH-31DMS

Tgt Ion:107 Resp: 9163  
Ion Ratio Lower Upper  
107 100  
108 116.0 85.4 128.0  
77 58.1 46.2 69.2  
79 57.3 46.1 69.2

Manual Integrations

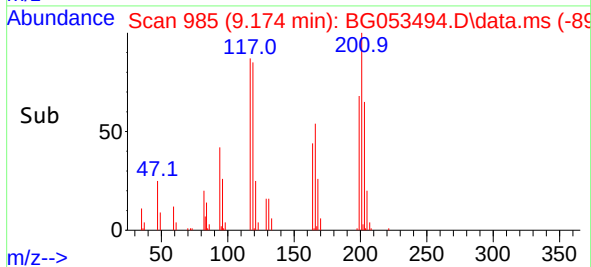
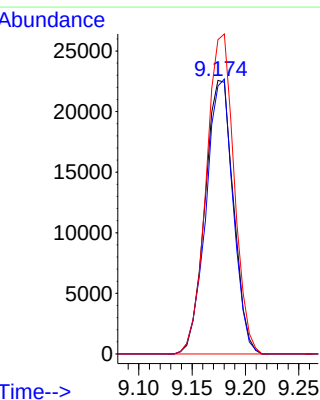
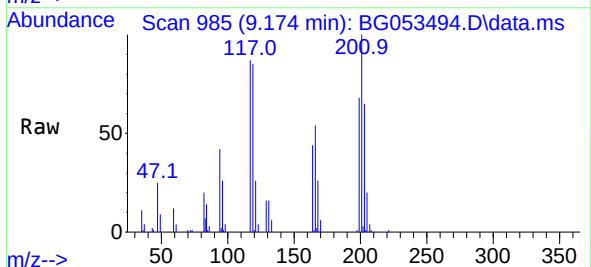
APPROVED

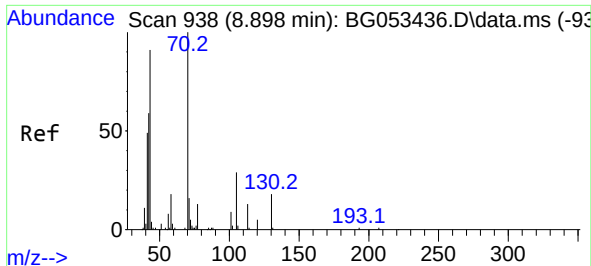
Reviewed By :Christian Giraldo 05/10/2022  
Supervised By :Jagrut Upadhyay 05/10/2022



#18  
Hexachloroethane  
Concen: 48.011 ng  
RT: 9.174 min Scan# 985  
Delta R.T. -0.011 min  
Lab File: BG053494.D  
Acq: 9 May 2022 15:48

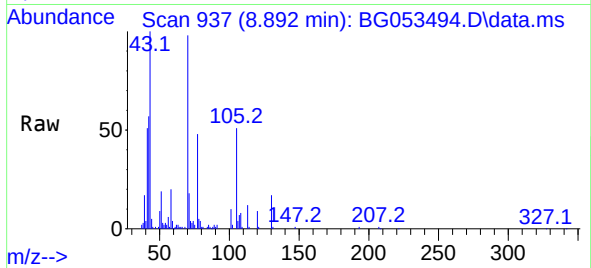
Tgt Ion:117 Resp: 41686  
Ion Ratio Lower Upper  
117 100  
119 98.0 75.0 112.6  
201 114.9 89.0 133.6





#19  
n-Nitroso-di-n-propylamine  
Concen: 44.288 ng  
RT: 8.892 min Scan# 91  
Delta R.T. -0.005 min  
Lab File: BG053494.D  
Acq: 9 May 2022 15:48

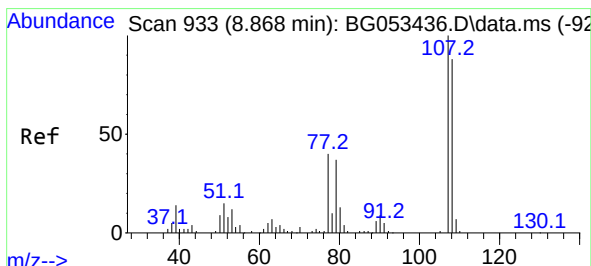
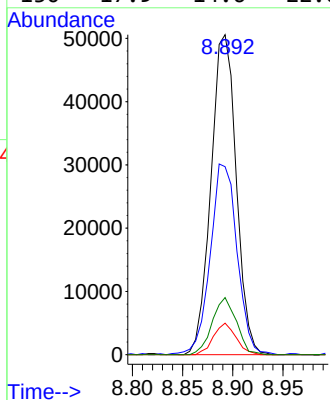
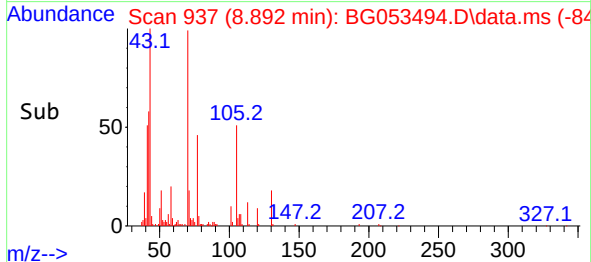
Instrument :  
BNA\_G  
ClientSampleId :  
MH-31DMS



Tgt Ion: 70 Resp: 88600  
Ion Ratio Lower Upper  
70 100  
42 58.7 47.3 70.9  
101 9.9 7.0 10.4  
130 17.9 14.6 22.0

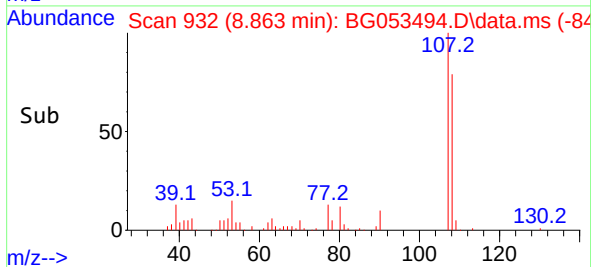
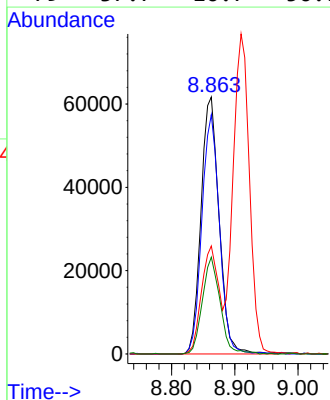
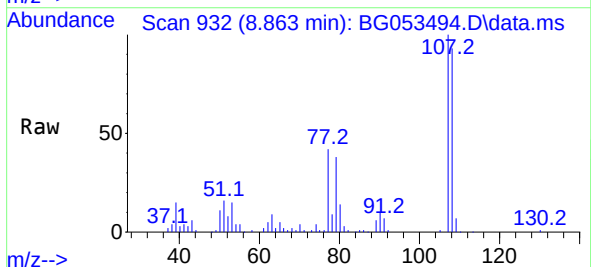
Manual Integrations  
APPROVED

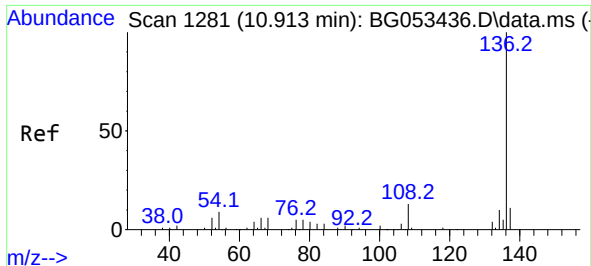
Reviewed By :Christian Giraldo 05/10/2022  
Supervised By :Jagrut Upadhyay 05/10/2022



#20  
3+4-Methylphenols  
Concen: 47.012 ng  
RT: 8.863 min Scan# 932  
Delta R.T. -0.005 min  
Lab File: BG053494.D  
Acq: 9 May 2022 15:48

Tgt Ion:107 Resp: 122377  
Ion Ratio Lower Upper  
107 100  
108 93.1 67.5 107.5  
77 42.0 20.3 60.3  
79 37.7 16.7 56.7





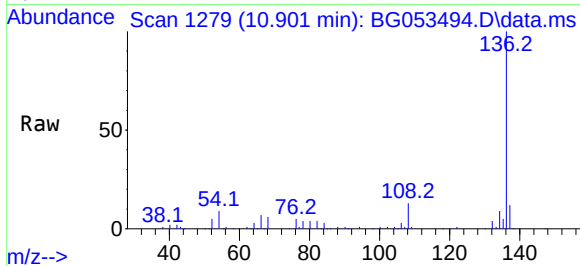
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.901 min Scan# 119369  
Delta R.T. -0.012 min  
Lab File: BG053494.D  
Acq: 9 May 2022 15:48

Instrument :

BNA\_G

ClientSampleId :

MH-31DMS

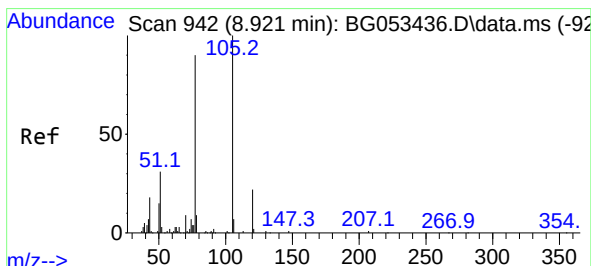
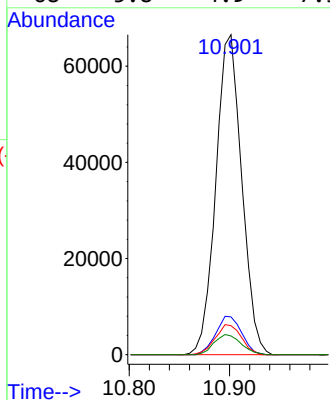
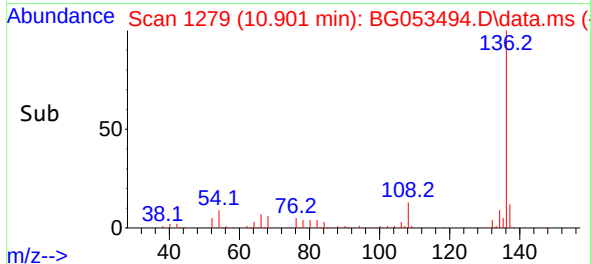


Tgt Ion:136 Resp: 119369  
Ion Ratio Lower Upper  
136 100  
137 11.8 8.5 12.7  
54 9.0 7.4 11.2  
68 5.8 4.9 7.3

Manual Integrations

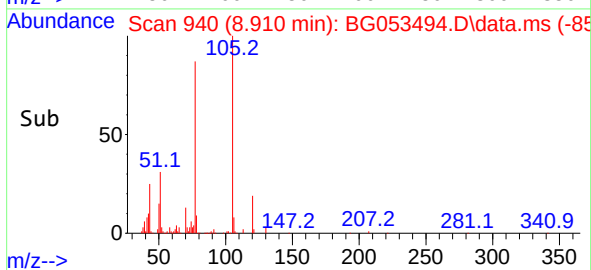
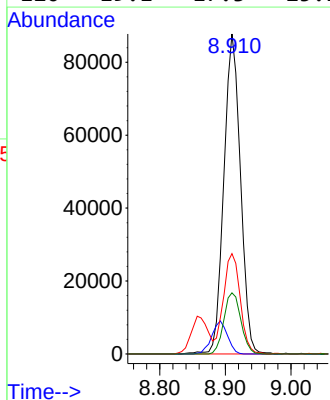
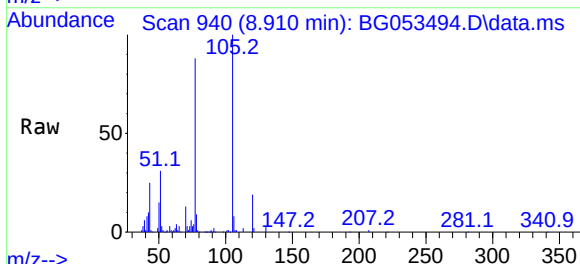
APPROVED

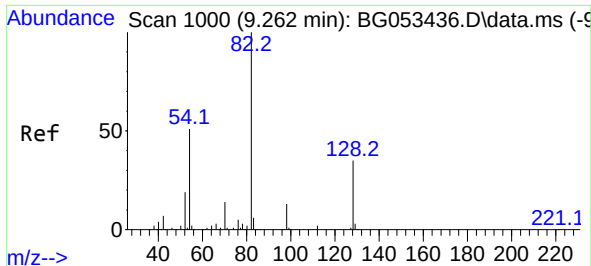
Reviewed By :Christian Giraldo 05/10/2022  
Supervised By :Jagrut Upadhyay 05/10/2022



#22  
Acetophenone  
Concen: 47.082 ng  
RT: 8.910 min Scan# 940  
Delta R.T. -0.011 min  
Lab File: BG053494.D  
Acq: 9 May 2022 15:48

Tgt Ion:105 Resp: 153816  
Ion Ratio Lower Upper  
105 100  
71 2.5 1.1 1.7#  
51 31.4 25.4 38.0  
120 19.1 17.3 25.9





#23

Nitrobenzene-d5

Concen: 87.819 ng

RT: 9.251 min Scan# 91

Delta R.T. -0.011 min

Lab File: BG053494.D

Acq: 9 May 2022 15:48

Instrument :

BNA\_G

ClientSampleId :

MH-31DMS

Tgt Ion: 82 Resp: 246259

Ion Ratio Lower Upper

82 100

128 35.6 27.9 41.9

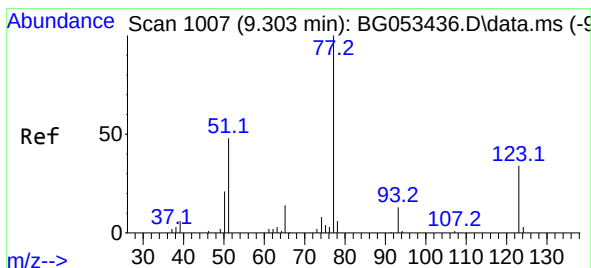
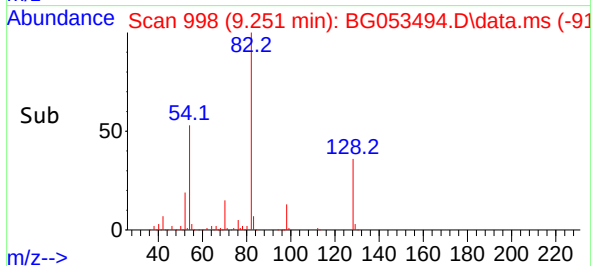
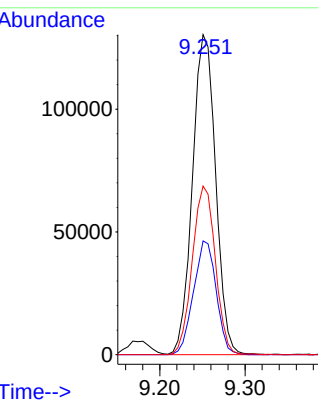
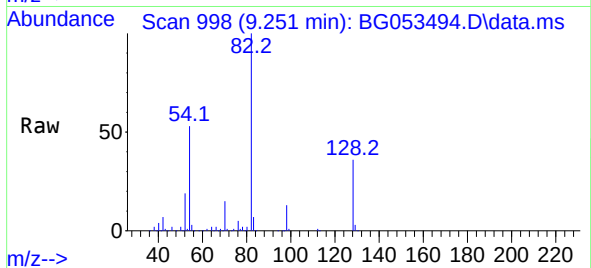
54 52.7 41.2 61.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/10/2022

Supervised By :Jagrut Upadhyay 05/10/2022



#24

Nitrobenzene

Concen: 51.155 ng

RT: 9.298 min Scan# 1006

Delta R.T. -0.005 min

Lab File: BG053494.D

Acq: 9 May 2022 15:48

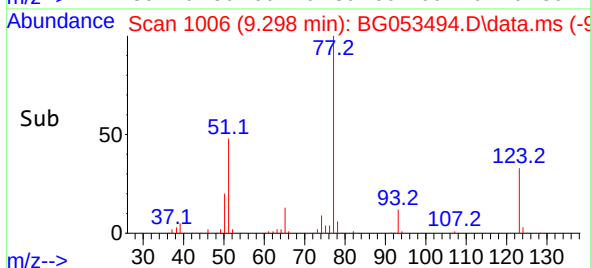
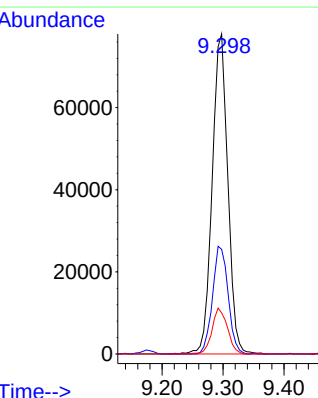
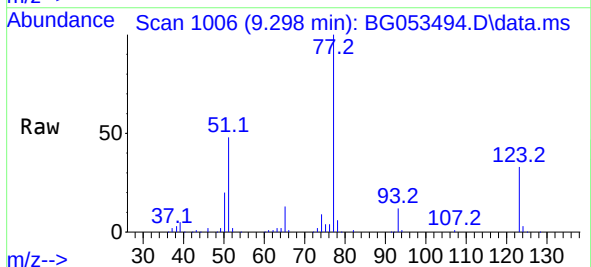
Tgt Ion: 77 Resp: 138838

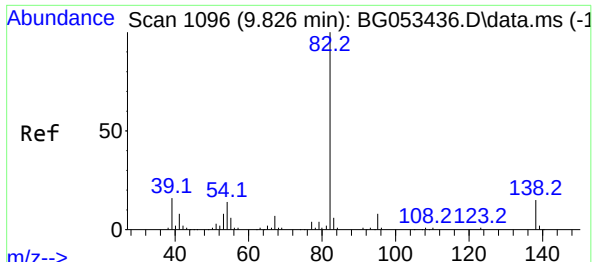
Ion Ratio Lower Upper

77 100

123 32.7 27.4 41.0

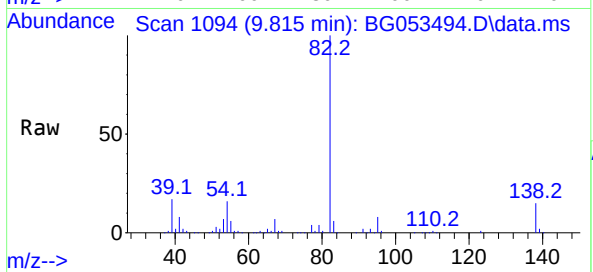
65 12.8 11.4 17.0





#25  
Isophorone  
Concen: 51.090 ng  
RT: 9.815 min Scan# 1094  
Delta R.T. -0.011 min  
Lab File: BG053494.D  
Acq: 9 May 2022 15:48

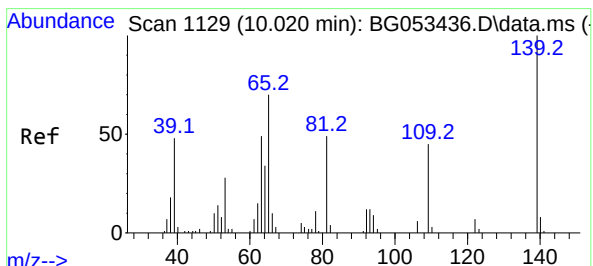
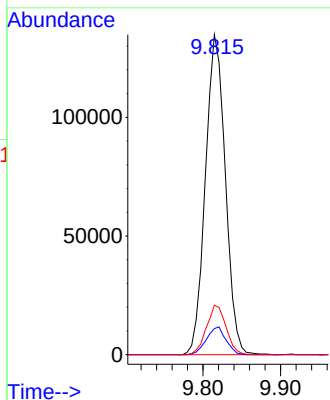
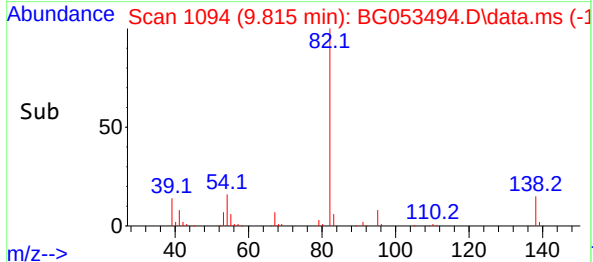
Instrument :  
BNA\_G  
ClientSampleId :  
MH-31DMS



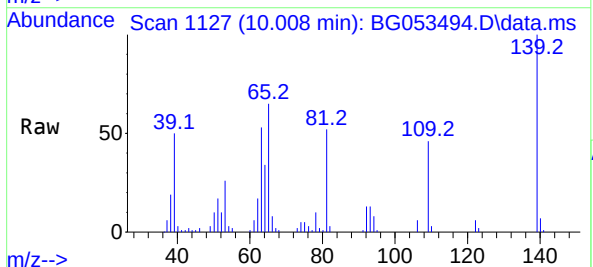
Tgt Ion: 82 Resp: 24110  
Ion Ratio Lower Upper  
82 100  
95 8.2 6.2 9.4  
138 15.4 11.6 17.4

Manual Integrations  
APPROVED

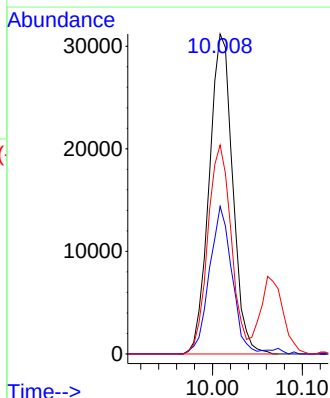
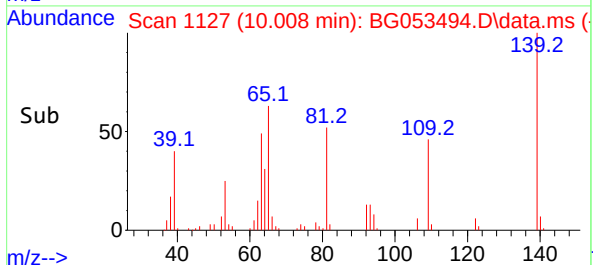
Reviewed By :Christian Giraldo 05/10/2022  
Supervised By :Jagrut Upadhyay 05/10/2022



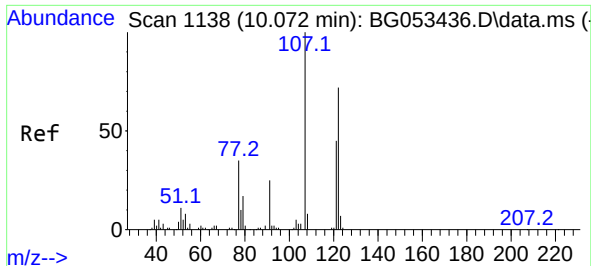
#26  
2-Nitrophenol  
Concen: 51.470 ng  
RT: 10.008 min Scan# 1127  
Delta R.T. -0.011 min  
Lab File: BG053494.D  
Acq: 9 May 2022 15:48



Tgt Ion:139 Resp: 56579  
Ion Ratio Lower Upper  
139 100  
109 46.1 36.1 54.1  
65 65.3 55.8 83.6







#27  
2,4-Dimethylphenol  
Concen: 58.660 ng  
RT: 10.067 min Scan# 1137  
Delta R.T. -0.005 min  
Lab File: BG053494.D  
Acq: 9 May 2022 15:48

Instrument :

BNA\_G

ClientSampleId :

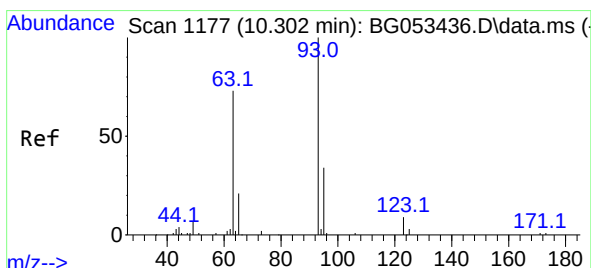
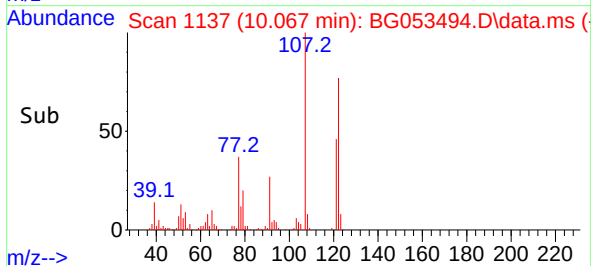
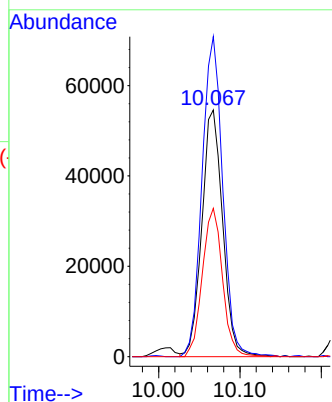
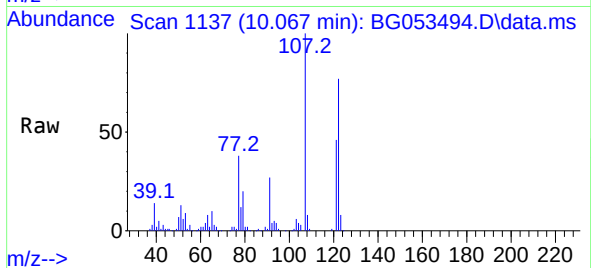
MH-31DMS

Tgt Ion:122 Resp: 9704  
Ion Ratio Lower Upper  
122 100  
107 129.7 109.4 164.0  
121 60.1 48.7 73.1

Manual Integrations

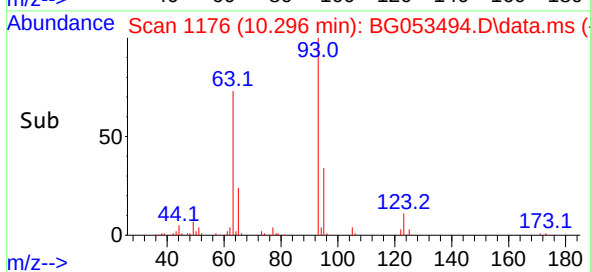
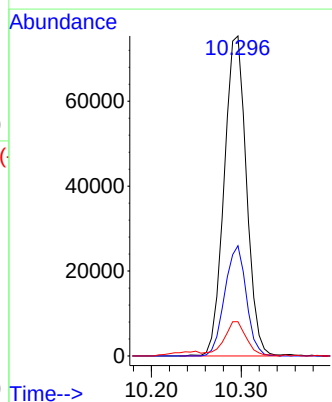
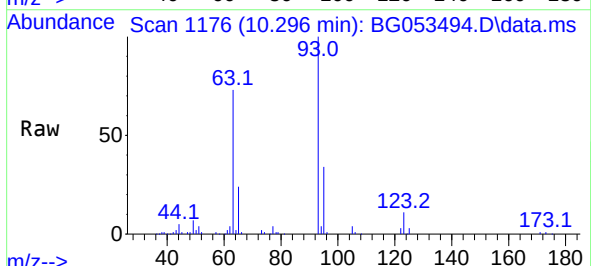
APPROVED

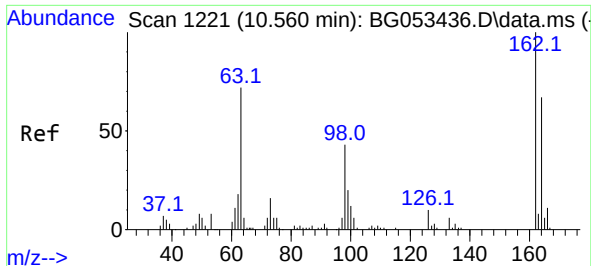
Reviewed By :Christian Giraldo 05/10/2022  
Supervised By :Jagrut Upadhyay 05/10/2022



#28  
bis(2-Chloroethoxy)methane  
Concen: 47.819 ng  
RT: 10.296 min Scan# 1176  
Delta R.T. -0.005 min  
Lab File: BG053494.D  
Acq: 9 May 2022 15:48

Tgt Ion: 93 Resp: 129790  
Ion Ratio Lower Upper  
93 100  
95 34.5 26.9 40.3  
123 10.7 7.7 11.5





#29

2,4-Dichlorophenol

Concen: 52.488 ng

RT: 10.549 min Scan# 1219

Delta R.T. -0.011 min

Lab File: BG053494.D

Acq: 9 May 2022 15:48

Instrument :

BNA\_G

ClientSampleId :

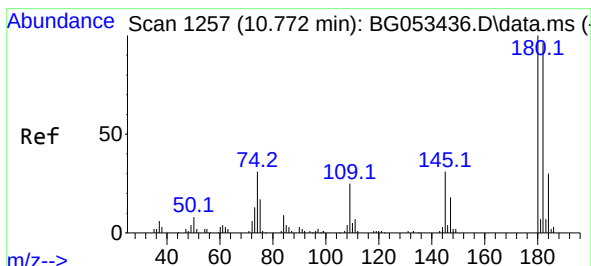
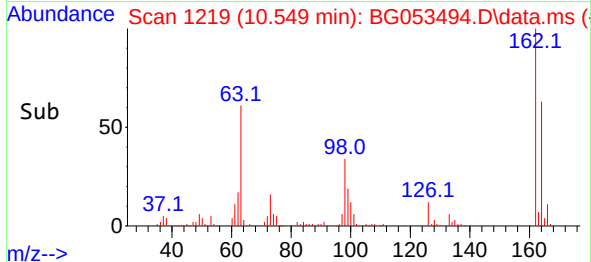
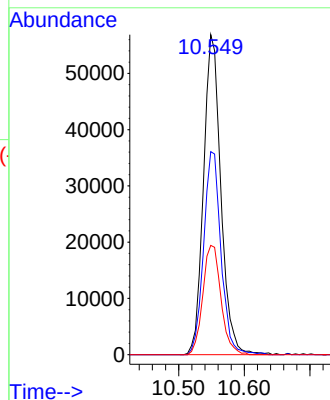
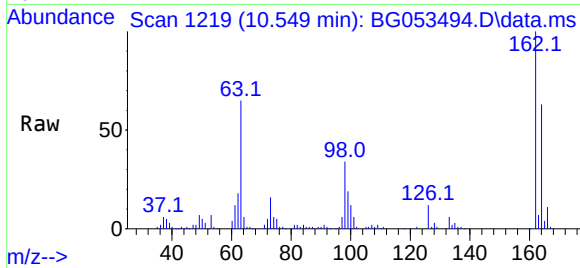
MH-31DMS

Tgt Ion:162 Resp: 10479  
 Ion Ratio Lower Upper  
 162 100  
 164 63.5 46.6 86.6  
 98 34.1 22.8 62.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/10/2022  
 Supervised By :Jagrut Upadhyay 05/10/2022



#30

1,2,4-Trichlorobenzene

Concen: 48.363 ng

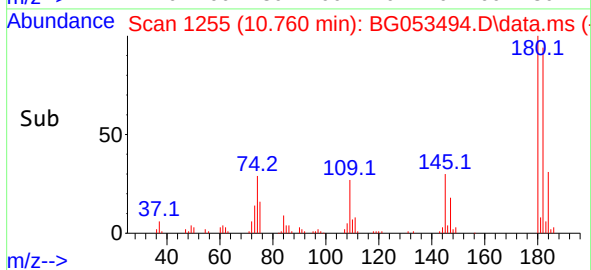
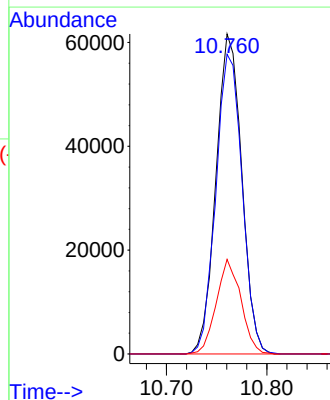
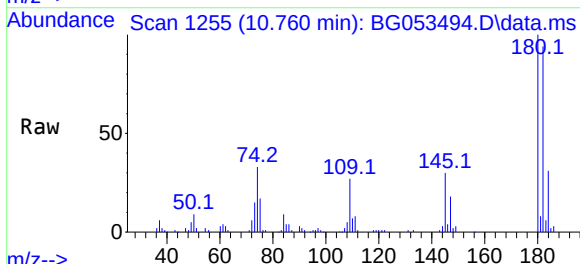
RT: 10.760 min Scan# 1255

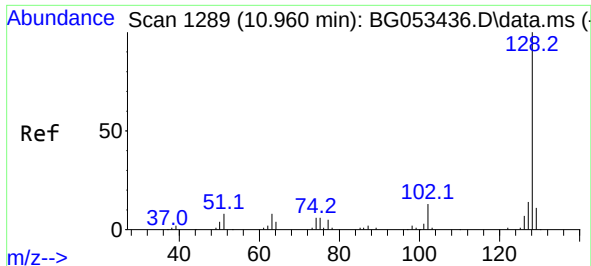
Delta R.T. -0.011 min

Lab File: BG053494.D

Acq: 9 May 2022 15:48

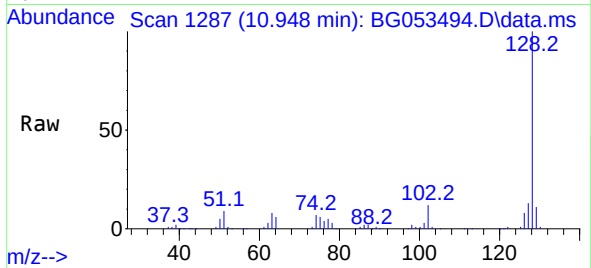
Tgt Ion:180 Resp: 109711  
 Ion Ratio Lower Upper  
 180 100  
 182 93.6 76.6 115.0  
 145 29.5 25.0 37.4





#31  
Naphthalene  
Concen: 48.630 ng  
RT: 10.948 min Scan# 1167  
Delta R.T. -0.012 min  
Lab File: BG053494.D  
Acq: 9 May 2022 15:48

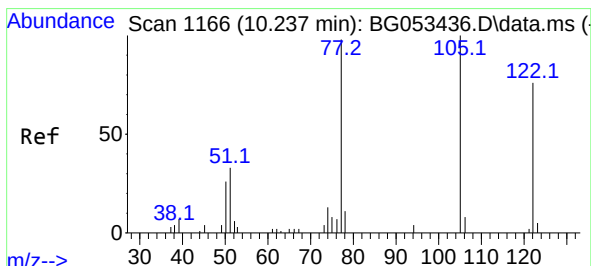
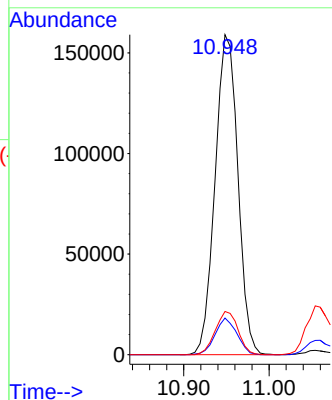
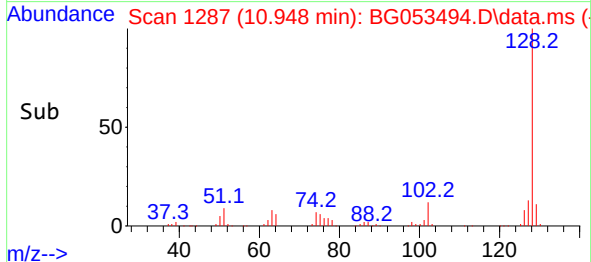
Instrument :  
BNA\_G  
ClientSampleId :  
MH-31DMS



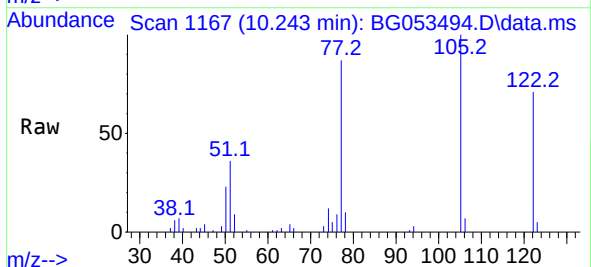
Tgt Ion:128 Resp: 29528  
Ion Ratio Lower Upper  
128 100  
129 11.4 9.0 13.6  
127 13.5 11.1 16.7

Manual Integrations  
APPROVED

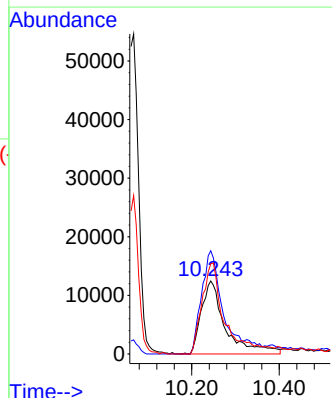
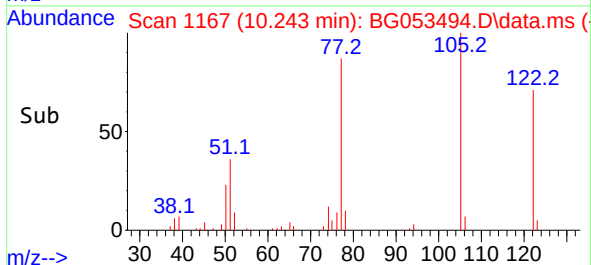
Reviewed By :Christian Giraldo 05/10/2022  
Supervised By :Jagrut Upadhyay 05/10/2022

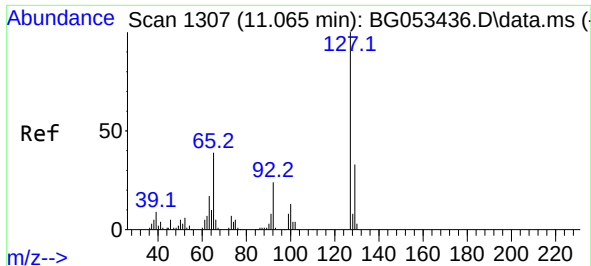


#32  
Benzoic acid  
Concen: 46.436 ng  
RT: 10.243 min Scan# 1167  
Delta R.T. 0.006 min  
Lab File: BG053494.D  
Acq: 9 May 2022 15:48



Tgt Ion:122 Resp: 47671  
Ion Ratio Lower Upper  
122 100  
105 141.3 111.8 151.8  
77 123.4 109.4 149.4





#33  
4-Chloroaniline  
Concen: 20.348 ng  
RT: 11.054 min Scan# 11054  
Delta R.T. -0.011 min  
Lab File: BG053494.D  
Acq: 9 May 2022 15:48

Instrument :

BNA\_G

ClientSampleId :

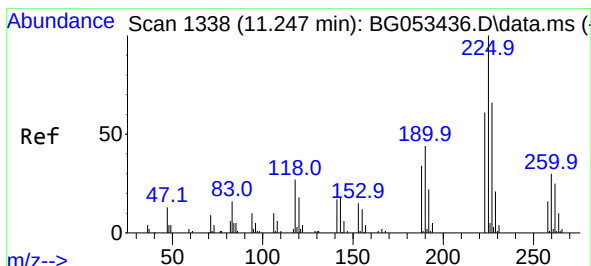
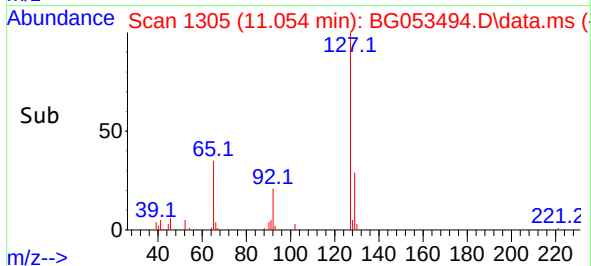
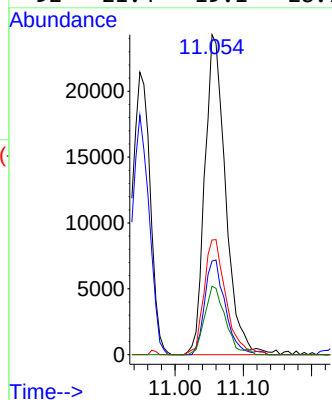
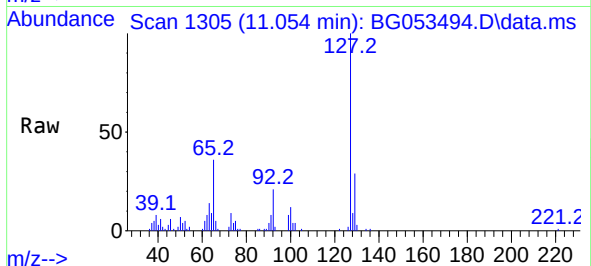
MH-31DMS

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 127   | Resp: | 5174 |
| Ion Ratio | Lower | Upper |      |
| 127       | 100   |       |      |
| 129       | 29.2  | 26.3  | 39.5 |
| 65        | 35.8  | 31.1  | 46.7 |
| 92        | 21.4  | 19.1  | 28.7 |

Manual Integrations

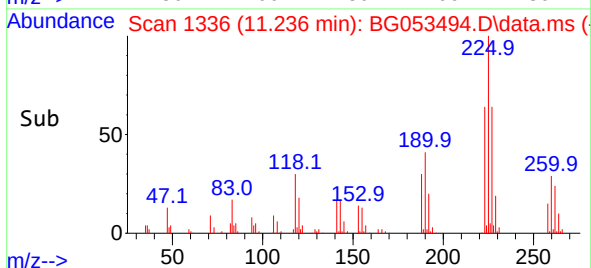
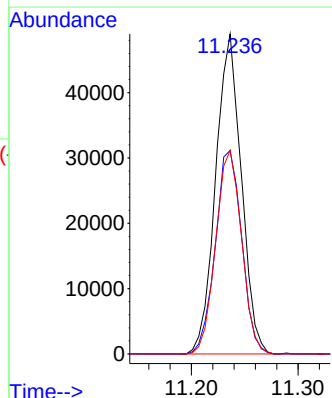
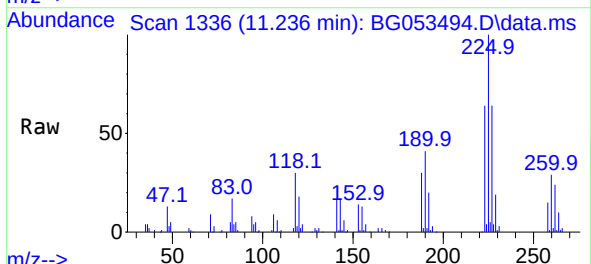
APPROVED

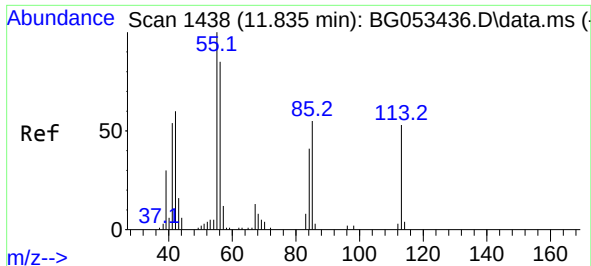
Reviewed By :Christian Giraldo 05/10/2022  
Supervised By :Jagrut Upadhyay 05/10/2022



#34  
Hexachlorobutadiene  
Concen: 48.558 ng  
RT: 11.236 min Scan# 1336  
Delta R.T. -0.011 min  
Lab File: BG053494.D  
Acq: 9 May 2022 15:48

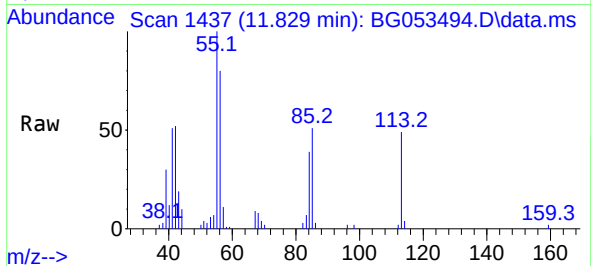
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 81682 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 63.6  | 48.9  | 73.3  |
| 227       | 63.6  | 52.8  | 79.2  |





#35  
Caprolactam  
Concen: 44.704 ng m  
RT: 11.829 min Scan# 1438  
Delta R.T. -0.005 min  
Lab File: BG053494.D  
Acq: 9 May 2022 15:48

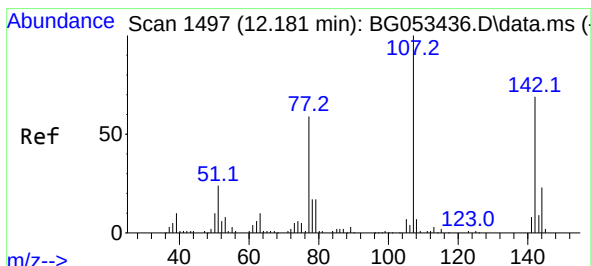
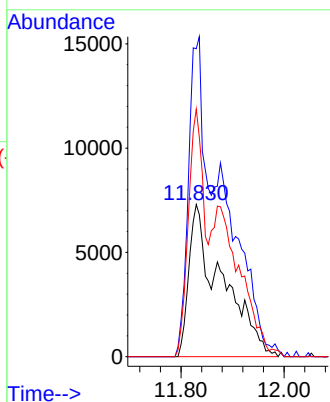
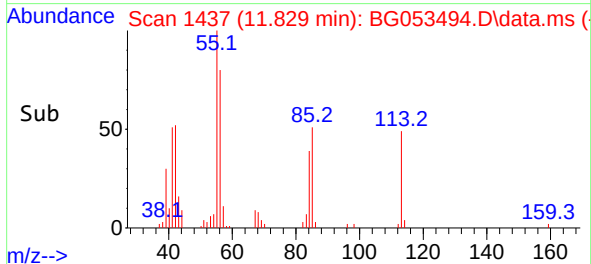
Instrument :  
BNA\_G  
ClientSampleId :  
MH-31DMS



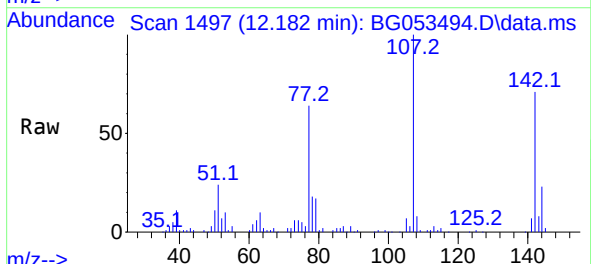
Tgt Ion:113 Resp: 3243  
Ion Ratio Lower Upper  
113 100  
55 202.5 169.8 209.8  
56 162.8 141.2 181.2

Manual Integrations  
APPROVED

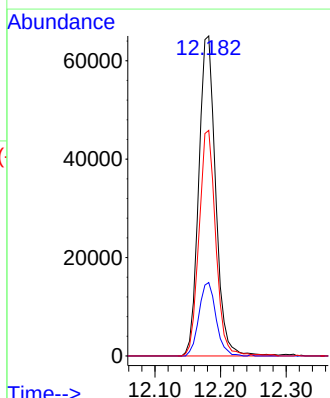
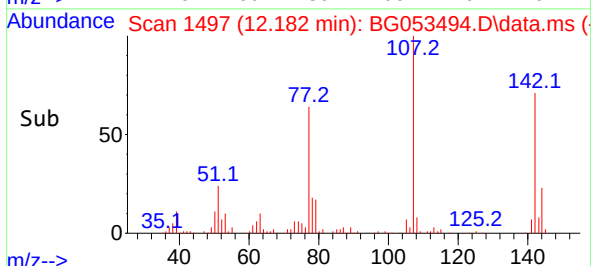
Reviewed By :Christian Giraldo 05/10/2022  
Supervised By :Jagrut Upadhyay 05/10/2022

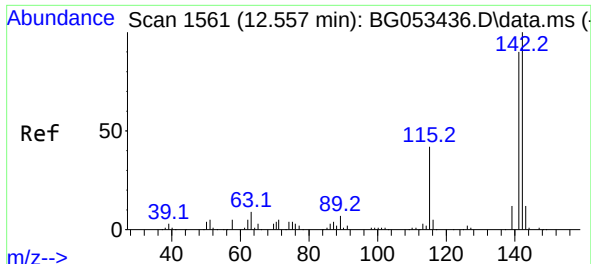


#36  
4-Chloro-3-methylphenol  
Concen: 48.915 ng  
RT: 12.182 min Scan# 1497  
Delta R.T. 0.001 min  
Lab File: BG053494.D  
Acq: 9 May 2022 15:48



Tgt Ion:107 Resp: 116821  
Ion Ratio Lower Upper  
107 100  
144 22.9 18.5 27.7  
142 70.5 55.0 82.4





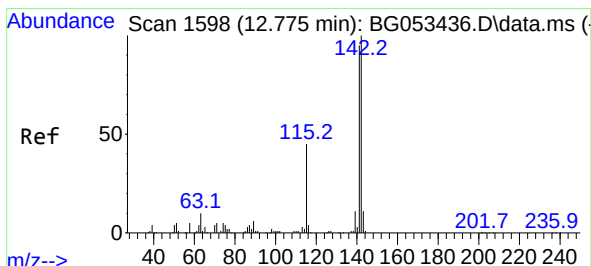
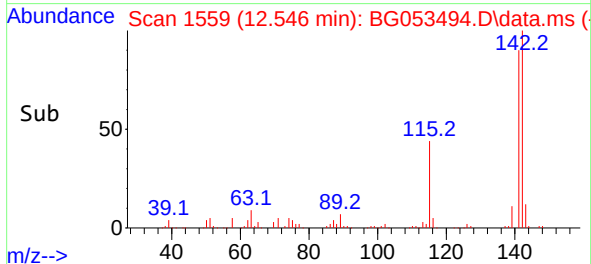
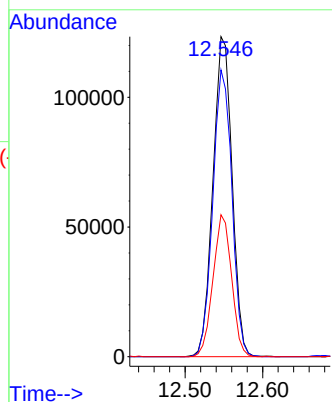
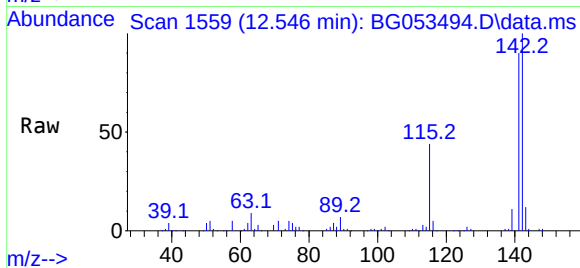
#37  
2-Methylnaphthalene  
Concen: 46.628 ng  
RT: 12.546 min Scan# 1559  
Delta R.T. -0.011 min  
Lab File: BG053494.D  
Acq: 9 May 2022 15:48

Instrument :  
BNA\_G  
ClientSampleId :  
MH-31DMS

Tgt Ion:142 Resp: 211292  
Ion Ratio Lower Upper  
142 100  
141 89.6 72.3 108.5  
115 44.3 33.7 50.5

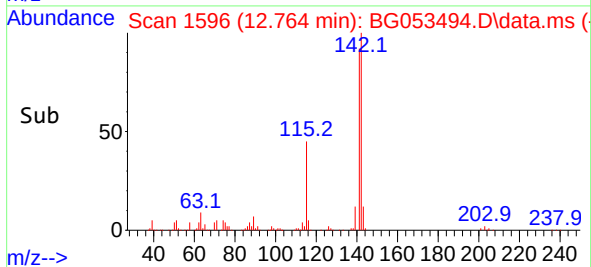
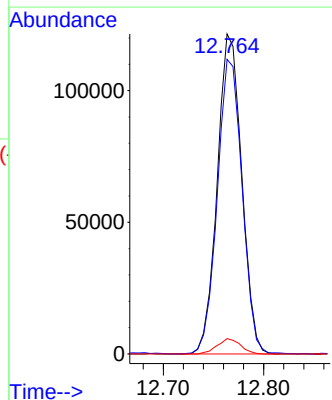
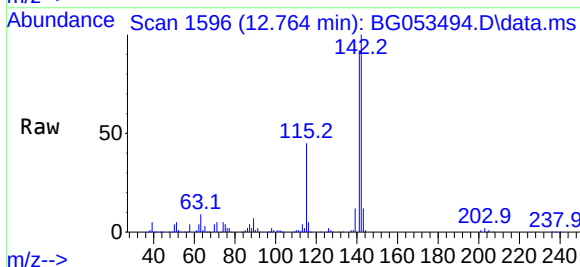
Manual Integrations  
APPROVED

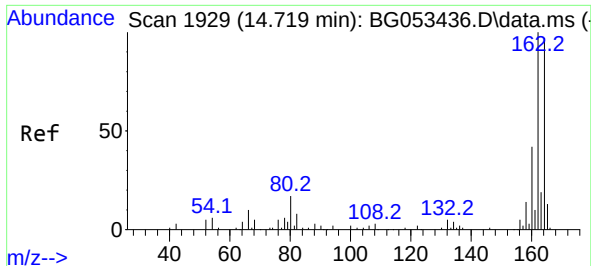
Reviewed By :Christian Giraldo 05/10/2022  
Supervised By :Jagrut Upadhyay 05/10/2022



#38  
1-Methylnaphthalene  
Concen: 46.408 ng  
RT: 12.764 min Scan# 1596  
Delta R.T. -0.011 min  
Lab File: BG053494.D  
Acq: 9 May 2022 15:48

Tgt Ion:142 Resp: 205176  
Ion Ratio Lower Upper  
142 100  
141 92.1 76.4 114.6  
116 4.8 3.3 4.9





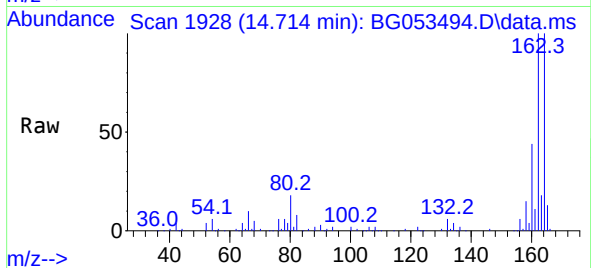
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.714 min Scan# 1929  
Delta R.T. -0.005 min  
Lab File: BG053494.D  
Acq: 9 May 2022 15:48

Instrument :

BNA\_G

ClientSampleId :

MH-31DMS

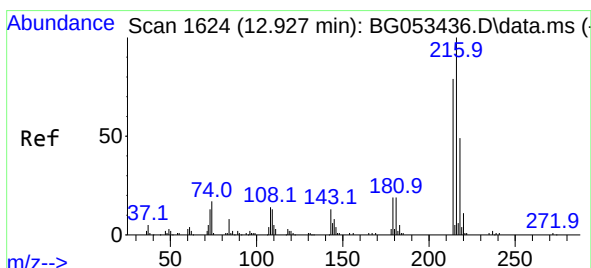
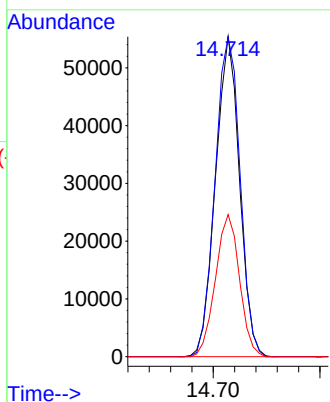
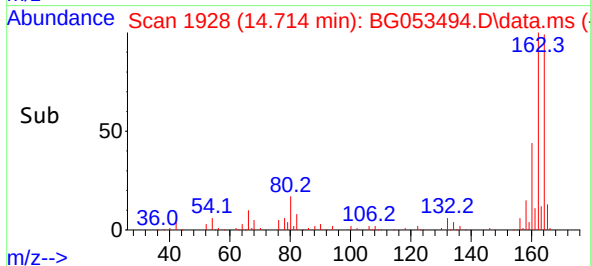


Tgt Ion:164 Resp: 86294  
Ion Ratio Lower Upper  
164 100  
162 99.9 82.3 123.5  
160 44.4 34.2 51.2

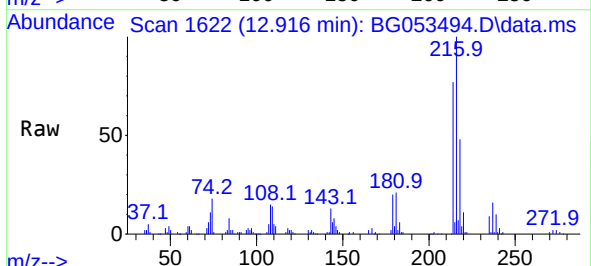
Manual Integrations

APPROVED

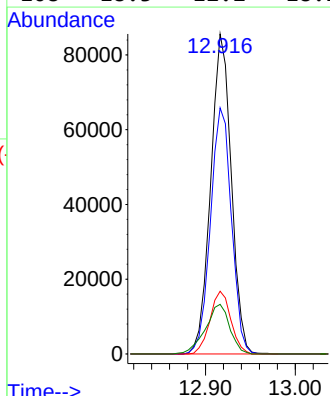
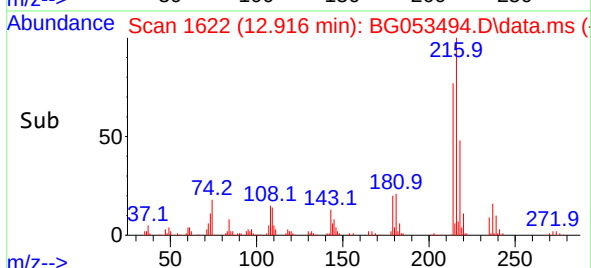
Reviewed By :Christian Giraldo 05/10/2022  
Supervised By :Jagrut Upadhyay 05/10/2022

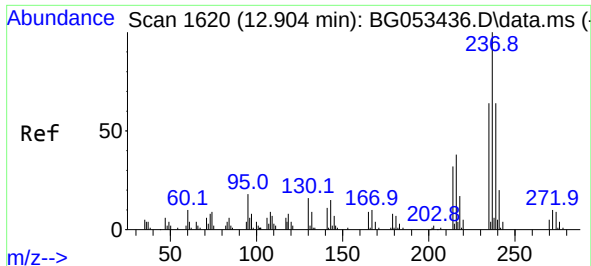


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 49.994 ng  
RT: 12.916 min Scan# 1622  
Delta R.T. -0.011 min  
Lab File: BG053494.D  
Acq: 9 May 2022 15:48



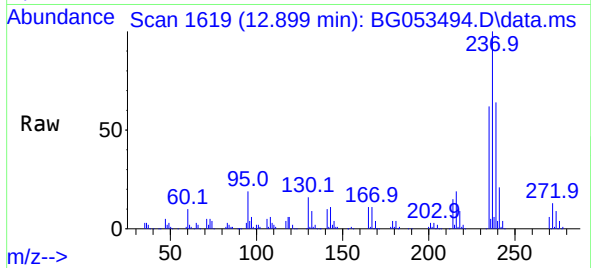
Tgt Ion:216 Resp: 135988  
Ion Ratio Lower Upper  
216 100  
214 78.3 62.9 94.3  
179 19.9 16.1 24.1  
108 18.3 12.2 18.2#





#41  
Hexachlorocyclopentadiene  
Concen: 127.566 ng  
RT: 12.899 min Scan# 1619  
Delta R.T. -0.005 min  
Lab File: BG053494.D  
Acq: 9 May 2022 15:48

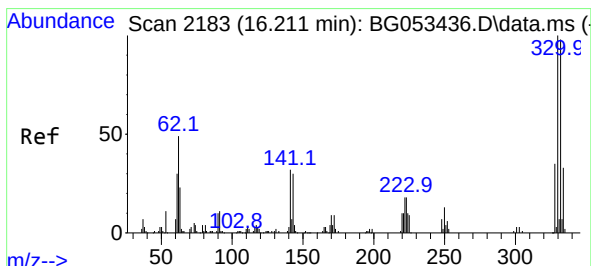
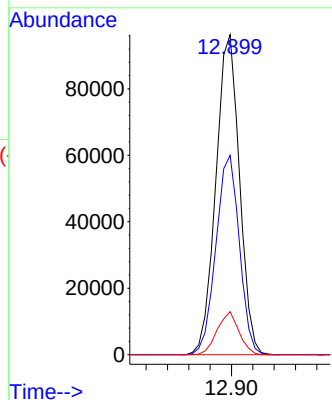
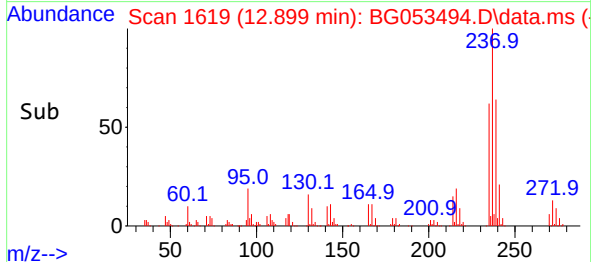
Instrument :  
BNA\_G  
ClientSampleId :  
MH-31DMS



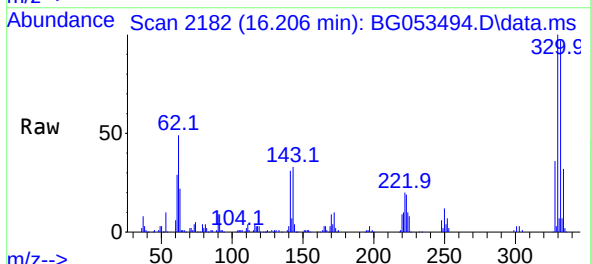
Tgt Ion:237 Resp: 147882  
Ion Ratio Lower Upper  
237 100  
235 62.3 43.5 83.5  
272 13.4 0.0 30.1

Manual Integrations  
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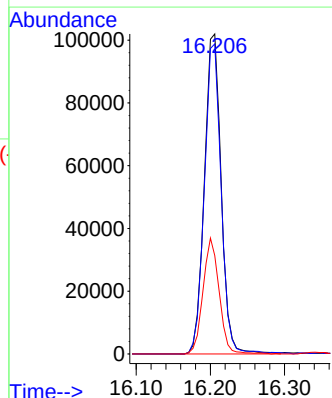
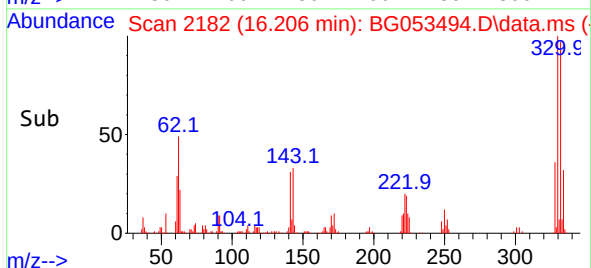
Reviewed By :Christian Giraldo 05/10/2022  
Supervised By :Jagrut Upadhyay 05/10/2022



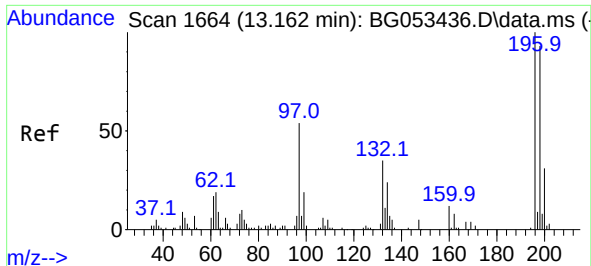
#42  
2,4,6-Tribromophenol  
Concen: 125.847 ng  
RT: 16.206 min Scan# 2182  
Delta R.T. -0.005 min  
Lab File: BG053494.D  
Acq: 9 May 2022 15:48



Tgt Ion:330 Resp: 160170  
Ion Ratio Lower Upper  
330 100  
332 96.6 76.0 114.0  
141 34.8 27.1 40.7

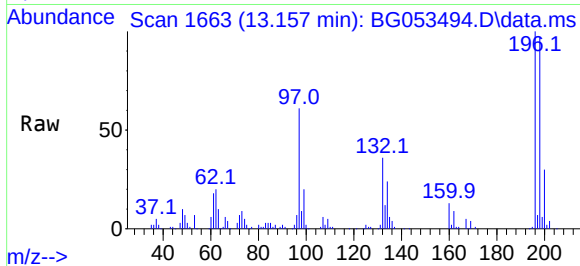






#43  
2,4,6-Trichlorophenol  
Concen: 50.904 ng  
RT: 13.157 min Scan# 1663  
Delta R.T. -0.005 min  
Lab File: BG053494.D  
Acq: 9 May 2022 15:48

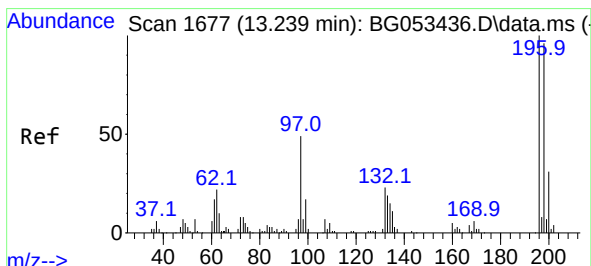
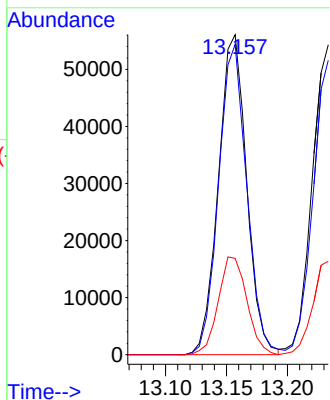
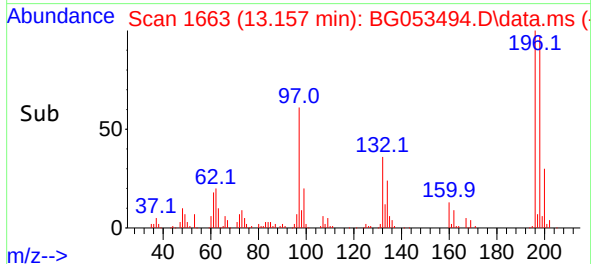
Instrument :  
BNA\_G  
ClientSampleId :  
MH-31DMS



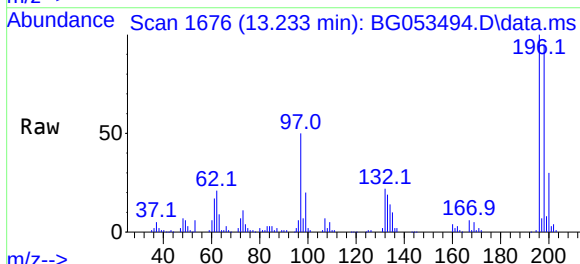
Tgt Ion:196 Resp: 9038  
Ion Ratio Lower Upper  
196 100  
198 96.9 74.1 111.1  
200 30.1 24.7 37.1

Manual Integrations  
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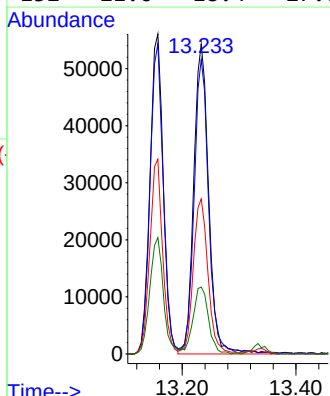
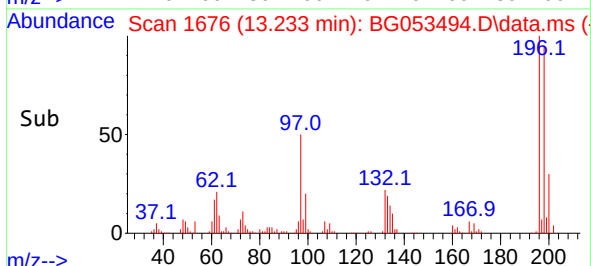
Reviewed By :Christian Giraldo 05/10/2022  
Supervised By :Jagrut Upadhyay 05/10/2022

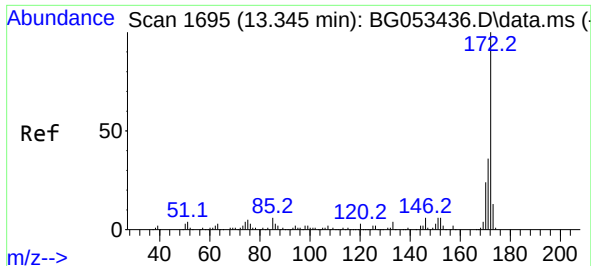


#44  
2,4,5-Trichlorophenol  
Concen: 52.630 ng  
RT: 13.233 min Scan# 1676  
Delta R.T. -0.005 min  
Lab File: BG053494.D  
Acq: 9 May 2022 15:48



Tgt Ion:196 Resp: 99456  
Ion Ratio Lower Upper  
196 100  
198 95.0 76.8 115.2  
97 50.0 39.8 59.6  
132 21.6 18.4 27.6





#45  
2-Fluorobiphenyl  
Concen: 85.313 ng  
RT: 13.339 min Scan# 1729  
Delta R.T. -0.006 min  
Lab File: BG053494.D  
Acq: 9 May 2022 15:48

Instrument :

BNA\_G

ClientSampleId :

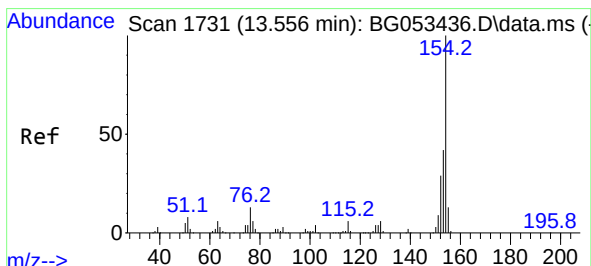
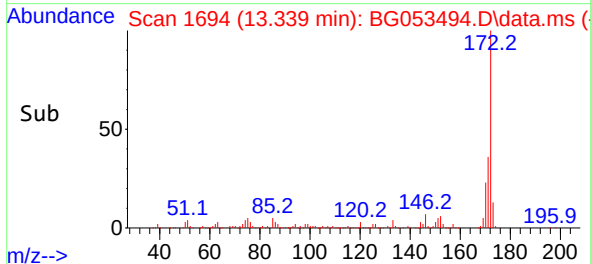
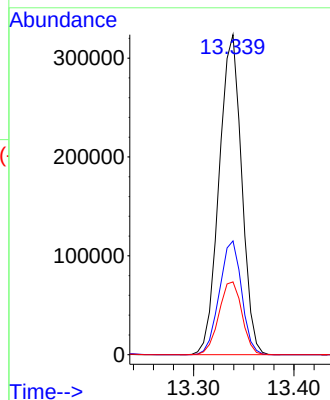
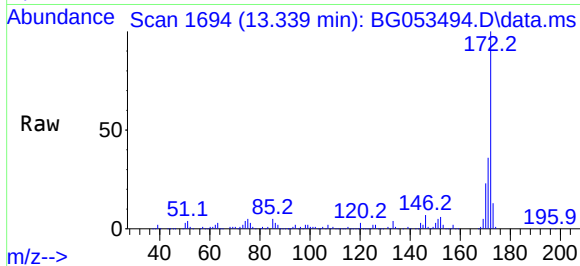
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Tgt Ion:172 Resp: 50380  
Ion Ratio Lower Upper  
172 100  
171 35.6 28.5 42.7  
170 22.7 18.9 28.3

Manual Integrations

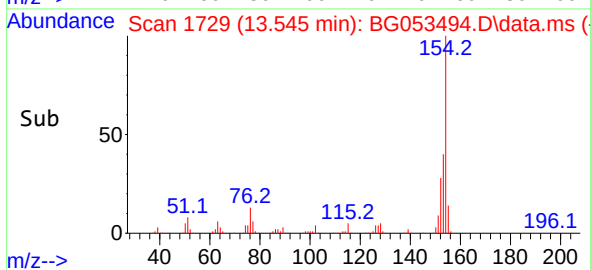
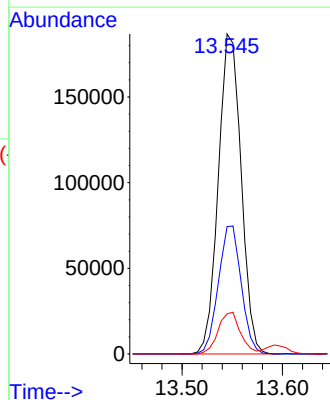
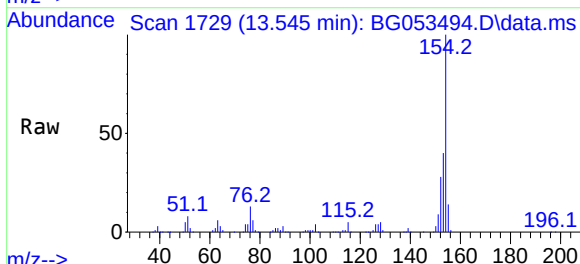
APPROVED

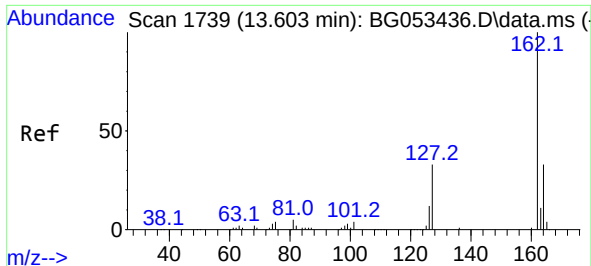
Reviewed By :Christian Giraldo 05/10/2022  
Supervised By :Jagrut Upadhyay 05/10/2022



#46  
1,1'-Biphenyl  
Concen: 50.046 ng  
RT: 13.545 min Scan# 1729  
Delta R.T. -0.011 min  
Lab File: BG053494.D  
Acq: 9 May 2022 15:48

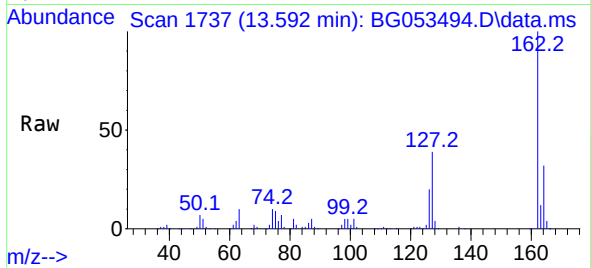
Tgt Ion:154 Resp: 294374  
Ion Ratio Lower Upper  
154 100  
153 39.8 21.6 61.6  
76 12.6 0.0 32.6





#47  
2-Chloronaphthalene  
Concen: 49.202 ng  
RT: 13.592 min Scan# 1737  
Delta R.T. -0.011 min  
Lab File: BG053494.D  
Acq: 9 May 2022 15:48

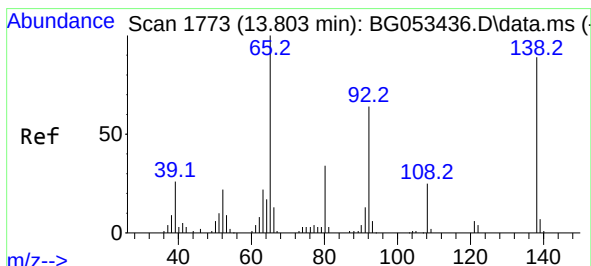
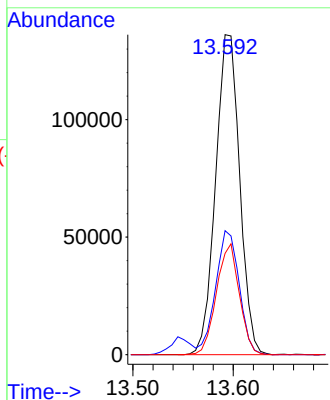
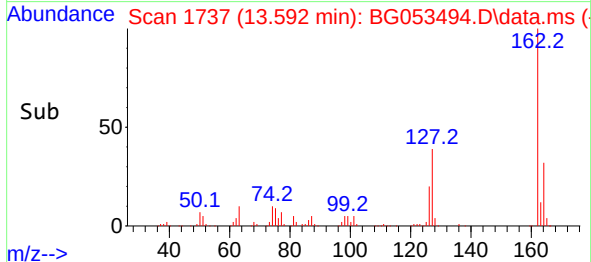
Instrument :  
BNA\_G  
ClientSampleId :  
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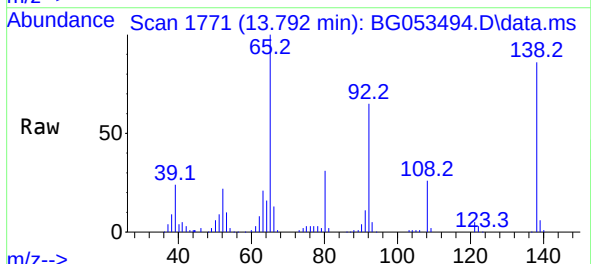
Tgt Ion:162 Resp: 226749  
Ion Ratio Lower Upper  
162 100  
127 38.7 30.6 45.8  
164 31.7 26.5 39.7

Manual Integrations  
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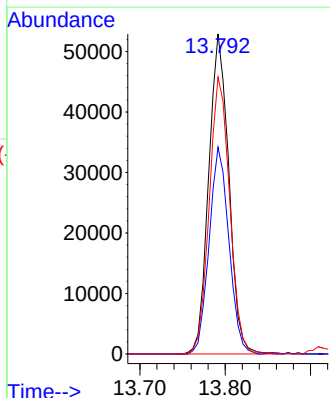
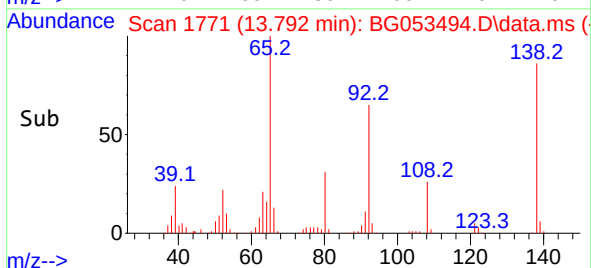
Reviewed By :Christian Giraldo 05/10/2022  
Supervised By :Jagrut Upadhyay 05/10/2022

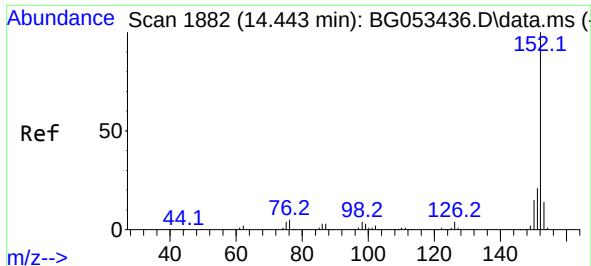


#48  
2-Nitroaniline  
Concen: 50.325 ng  
RT: 13.792 min Scan# 1771  
Delta R.T. -0.011 min  
Lab File: BG053494.D  
Acq: 9 May 2022 15:48



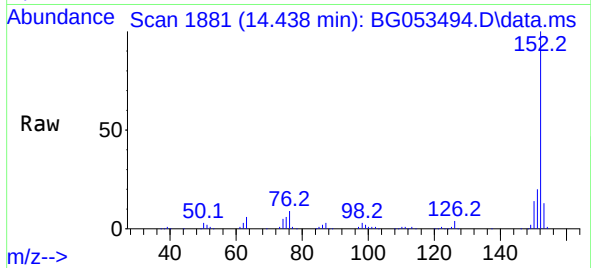
Tgt Ion: 65 Resp: 86419  
Ion Ratio Lower Upper  
65 100  
92 64.6 51.5 77.3  
138 86.5 71.3 106.9





#49  
Acenaphthylene  
Concen: 51.884 ng  
RT: 14.438 min Scan# 1881  
Delta R.T. -0.005 min  
Lab File: BG053494.D  
Acq: 9 May 2022 15:48

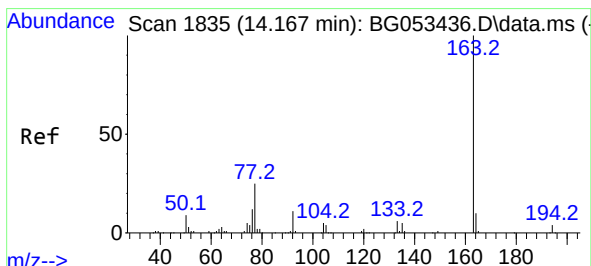
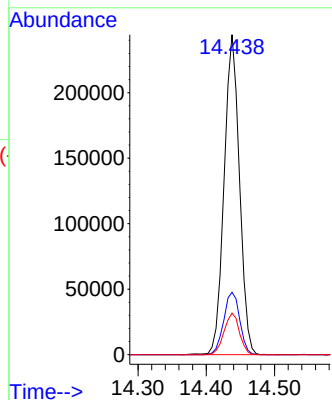
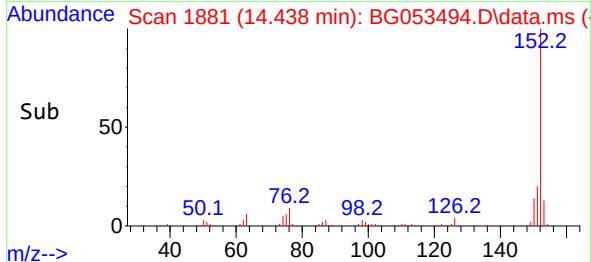
Instrument :  
BNA\_G  
ClientSampleId :  
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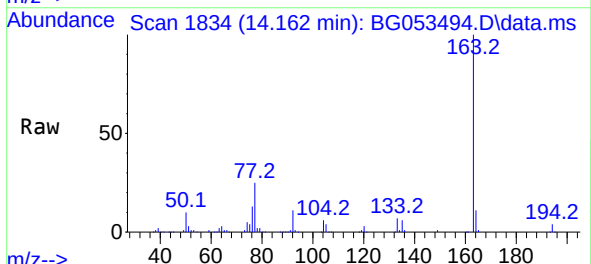
Tgt Ion:152 Resp: 38155  
Ion Ratio Lower Upper  
152 100  
151 19.5 16.4 24.6  
153 13.0 10.8 16.2

Manual Integrations  
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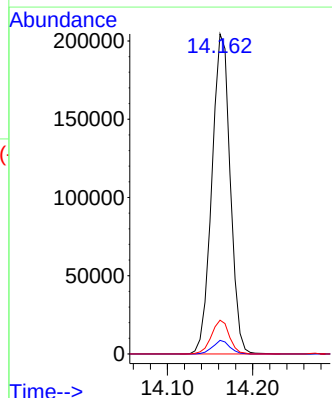
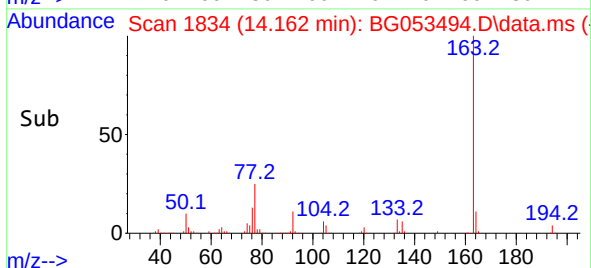
Reviewed By :Christian Giraldo 05/10/2022  
Supervised By :Jagrut Upadhyay 05/10/2022

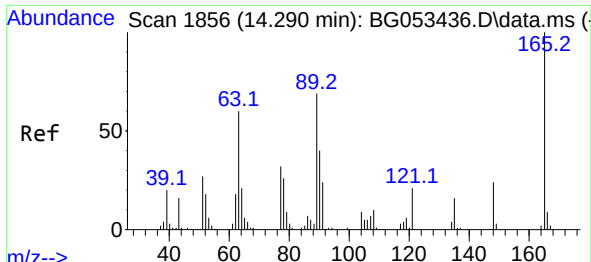


#50  
Dimethylphthalate  
Concen: 46.660 ng  
RT: 14.162 min Scan# 1834  
Delta R.T. -0.005 min  
Lab File: BG053494.D  
Acq: 9 May 2022 15:48



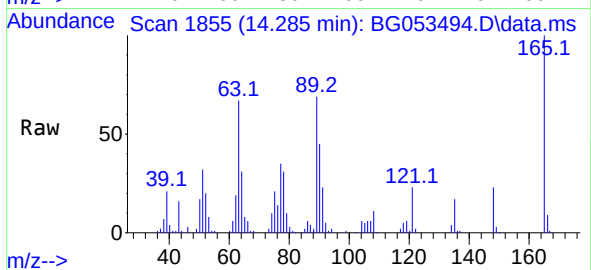
Tgt Ion:163 Resp: 305977  
Ion Ratio Lower Upper  
163 100  
194 4.3 3.0 4.6  
164 10.5 8.0 12.0





#51  
2,6-Dinitrotoluene  
Concen: 49.652 ng  
RT: 14.285 min Scan# 1855  
Delta R.T. -0.005 min  
Lab File: BG053494.D  
Acq: 9 May 2022 15:48

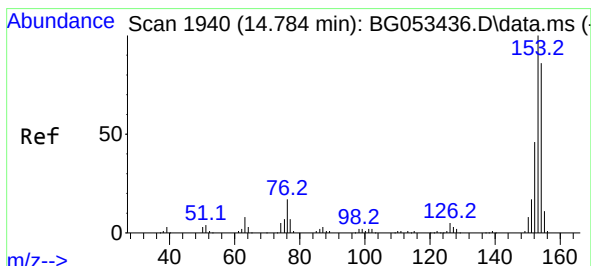
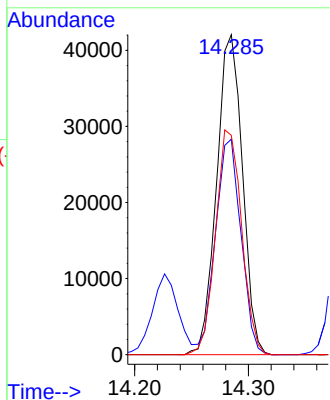
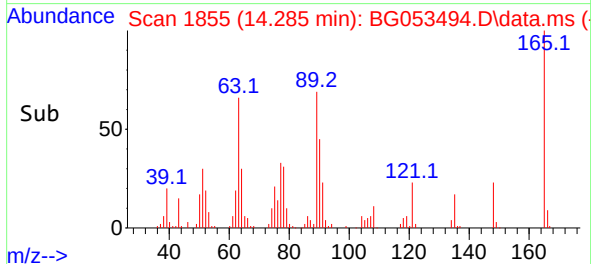
Instrument :  
BNA\_G  
ClientSampleId :  
MH-31DMS



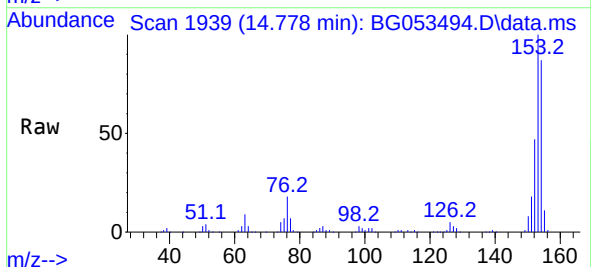
Tgt Ion:165 Resp: 66334  
Ion Ratio Lower Upper  
165 100  
63 67.4 54.1 81.1  
89 68.6 54.8 82.2

Manual Integrations  
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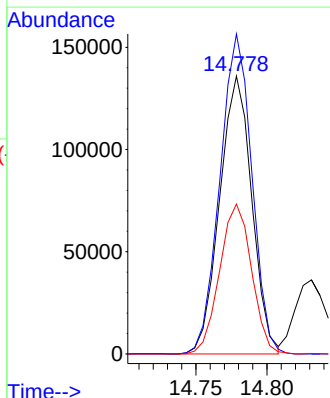
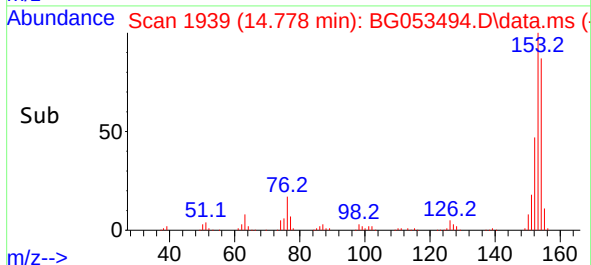
Reviewed By :Christian Giraldo 05/10/2022  
Supervised By :Jagrut Upadhyay 05/10/2022

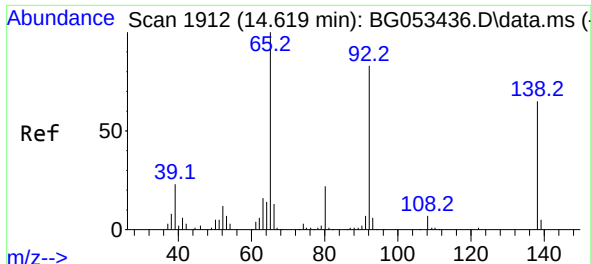


#52  
Acenaphthene  
Concen: 48.781 ng  
RT: 14.778 min Scan# 1939  
Delta R.T. -0.006 min  
Lab File: BG053494.D  
Acq: 9 May 2022 15:48



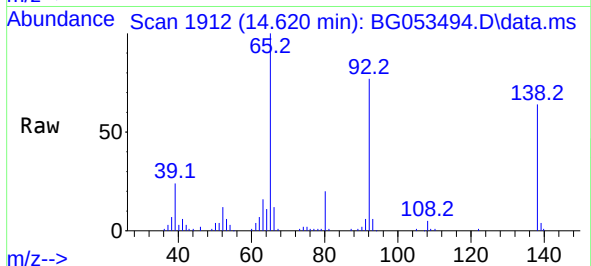
Tgt Ion:154 Resp: 213786  
Ion Ratio Lower Upper  
154 100  
153 115.2 92.7 139.1  
152 53.9 42.6 64.0





#53  
3-Nitroaniline  
Concen: 27.328 ng  
RT: 14.620 min Scan# 1912  
Delta R.T. 0.001 min  
Lab File: BG053494.D  
Acq: 9 May 2022 15:48

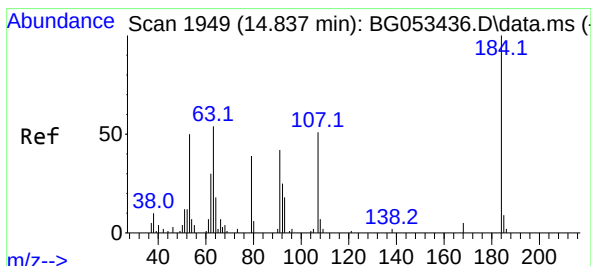
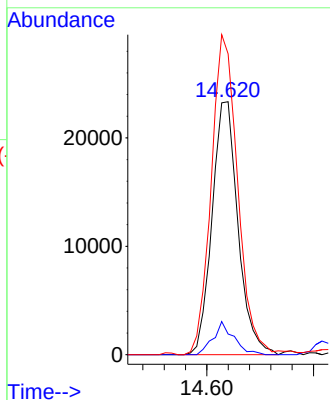
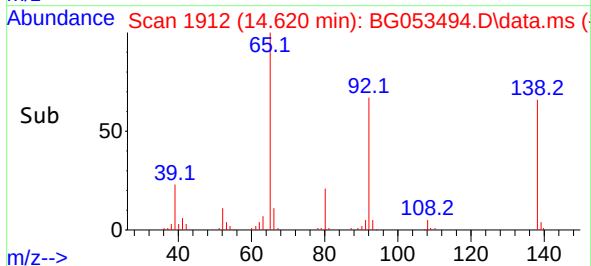
Instrument :  
BNA\_G  
ClientSampleId :  
MH-31DMS



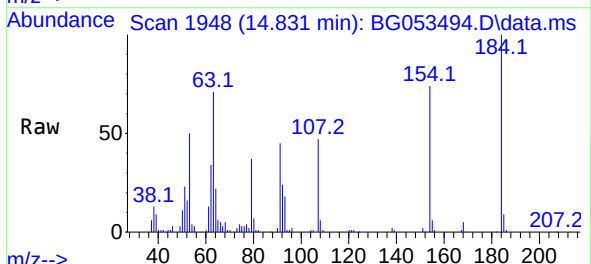
Tgt Ion:138 Resp: 3944  
Ion Ratio Lower Upper  
138 100  
108 8.2 9.2 13.8  
92 119.0 101.9 152.9

Manual Integrations  
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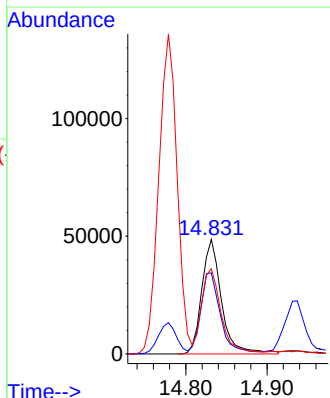
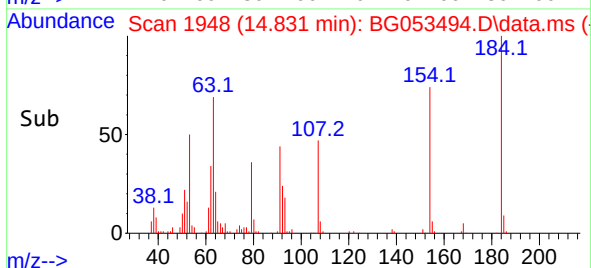
Reviewed By :Christian Giraldo 05/10/2022  
Supervised By :Jagrut Upadhyay 05/10/2022

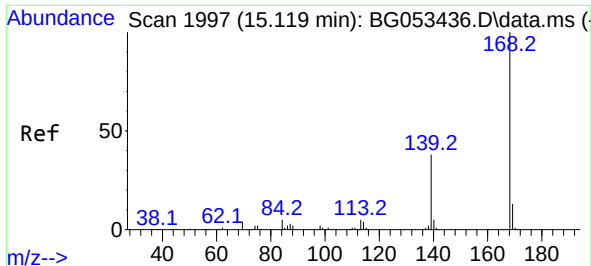


#54  
2,4-Dinitrophenol  
Concen: 95.437 ng  
RT: 14.831 min Scan# 1948  
Delta R.T. -0.006 min  
Lab File: BG053494.D  
Acq: 9 May 2022 15:48



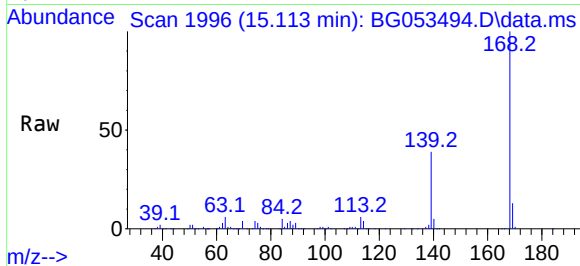
Tgt Ion:184 Resp: 82043  
Ion Ratio Lower Upper  
184 100  
63 70.9 61.1 91.7  
154 74.5 60.6 91.0





#55  
Dibenzenofuran  
Concen: 46.059 ng  
RT: 15.113 min Scan# 1997  
Delta R.T. -0.005 min  
Lab File: BG053494.D  
Acq: 9 May 2022 15:48

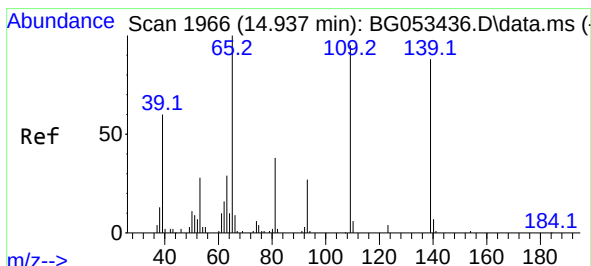
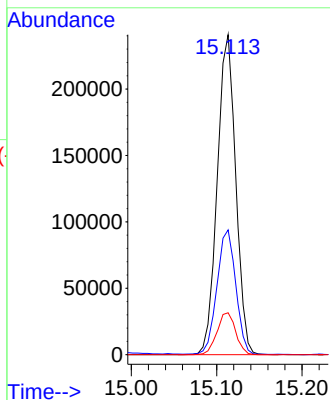
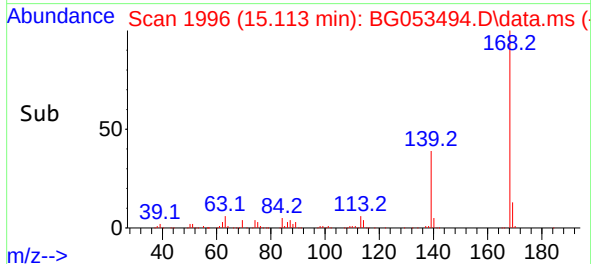
Instrument :  
BNA\_G  
ClientSampleId :  
MH-31DMS



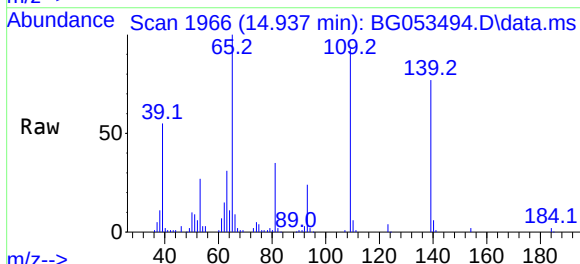
Tgt Ion:168 Resp: 362578  
Ion Ratio Lower Upper  
168 100  
139 39.0 30.5 45.7  
169 13.1 10.3 15.5

Manual Integrations  
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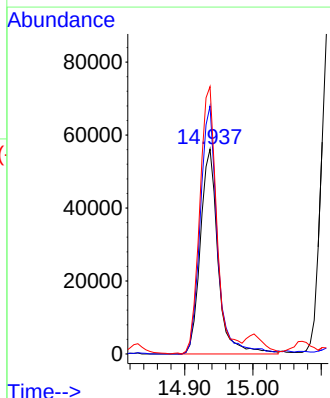
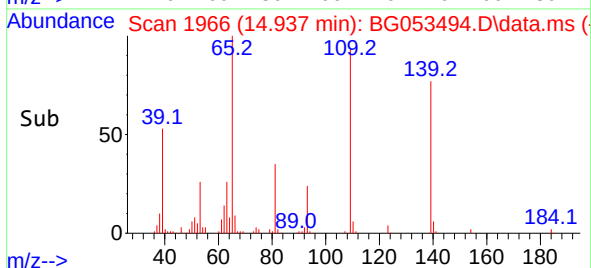
Reviewed By :Christian Giraldo 05/10/2022  
Supervised By :Jagrut Upadhyay 05/10/2022

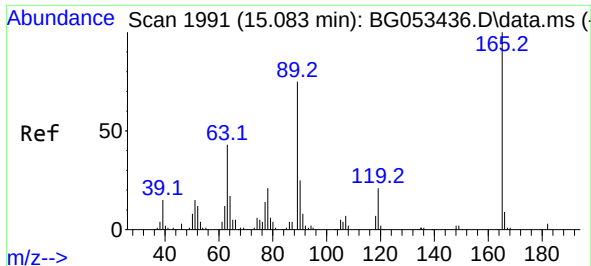


#56  
4-Nitrophenol  
Concen: 98.137 ng  
RT: 14.937 min Scan# 1966  
Delta R.T. 0.000 min  
Lab File: BG053494.D  
Acq: 9 May 2022 15:48



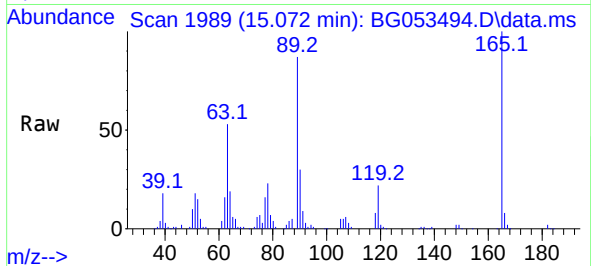
Tgt Ion:139 Resp: 101182  
Ion Ratio Lower Upper  
139 100  
109 121.1 88.5 128.5  
65 130.5 93.9 133.9





#57  
2,4-Dinitrotoluene  
Concen: 48.048 ng  
RT: 15.072 min Scan# 1991  
Delta R.T. -0.011 min  
Lab File: BG053494.D  
Acq: 9 May 2022 15:48

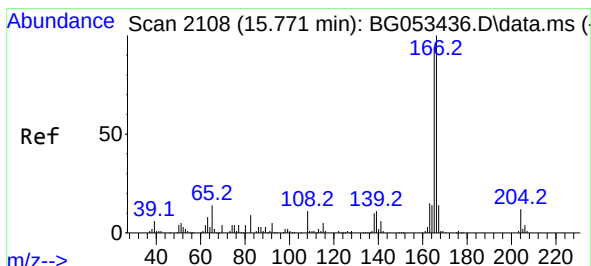
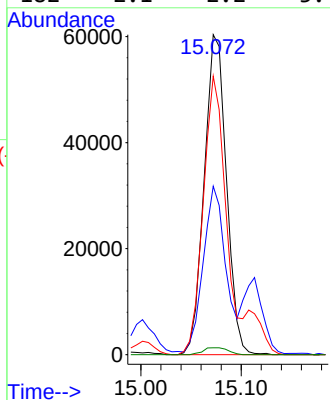
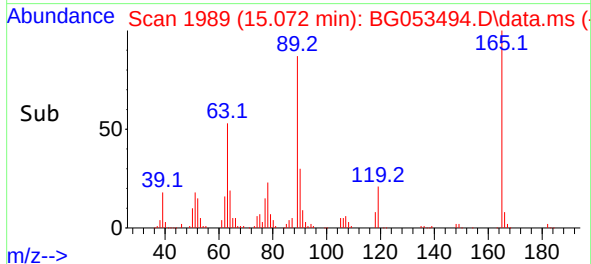
Instrument :  
BNA\_G  
ClientSampleId :  
MH-31DMS



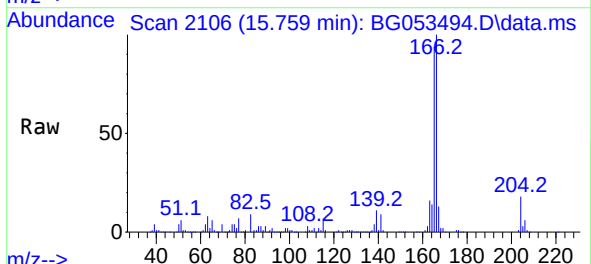
Tgt Ion:165 Resp: 93045  
Ion Ratio Lower Upper  
165 100  
63 52.6 34.6 52.0  
89 87.0 60.3 90.5  
182 2.1 2.2 3.4#

Manual Integrations  
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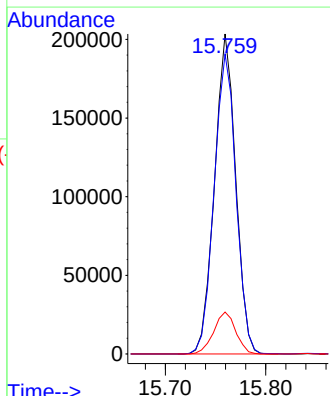
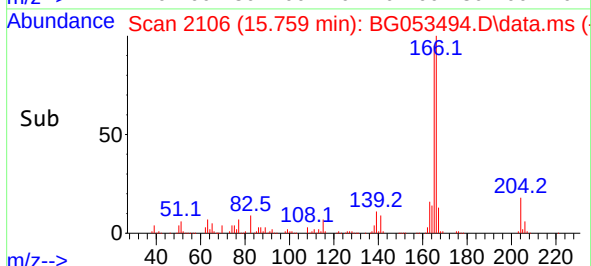
Reviewed By :Christian Giraldo 05/10/2022  
Supervised By :Jagrut Upadhyay 05/10/2022



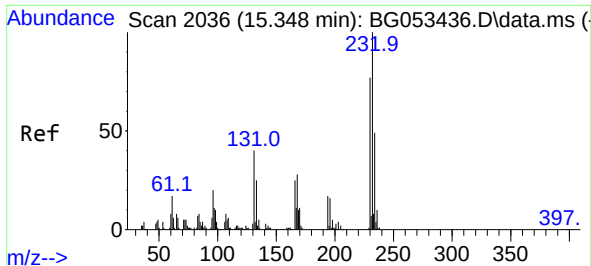
#58  
Fluorene  
Concen: 47.067 ng  
RT: 15.759 min Scan# 2106  
Delta R.T. -0.011 min  
Lab File: BG053494.D  
Acq: 9 May 2022 15:48



Tgt Ion:166 Resp: 297331  
Ion Ratio Lower Upper  
166 100  
165 93.7 75.0 112.6  
167 13.1 10.8 16.2

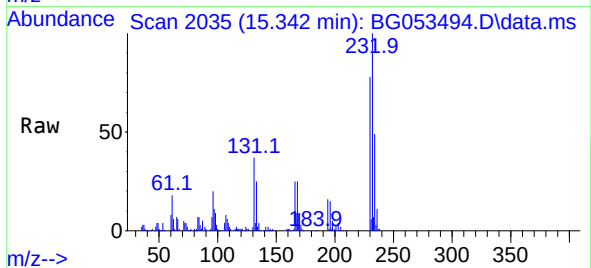






#59  
2,3,4,6-Tetrachlorophenol  
Concen: 46.409 ng  
RT: 15.342 min Scan# 2035  
Delta R.T. -0.005 min  
Lab File: BG053494.D  
Acq: 9 May 2022 15:48

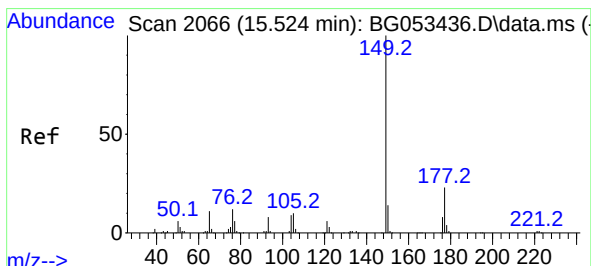
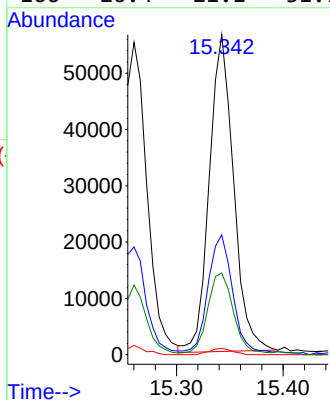
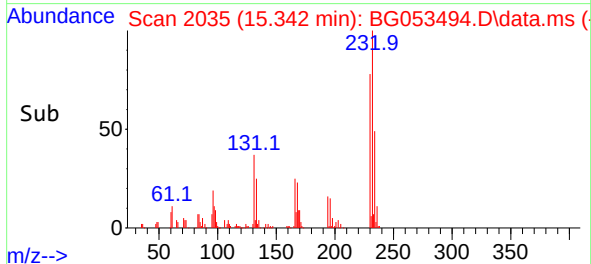
Instrument :  
BNA\_G  
ClientSampleId :  
MH-31DMS



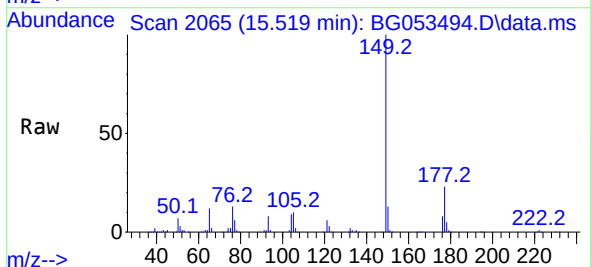
Tgt Ion:232 Resp: 88981  
Ion Ratio Lower Upper  
232 100  
131 39.9 30.6 46.0  
130 1.9 1.8 2.8  
166 26.4 21.1 31.7

Manual Integrations  
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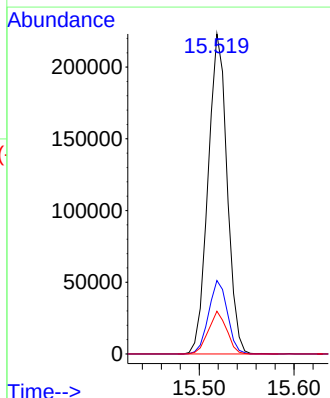
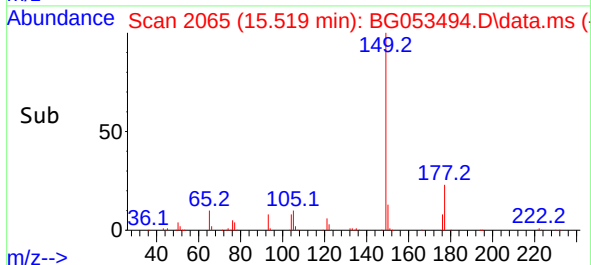
Reviewed By :Christian Giraldo 05/10/2022  
Supervised By :Jagrut Upadhyay 05/10/2022

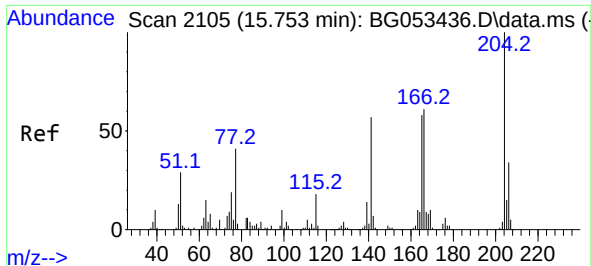


#60  
Diethylphthalate  
Concen: 45.948 ng  
RT: 15.519 min Scan# 2065  
Delta R.T. -0.005 min  
Lab File: BG053494.D  
Acq: 9 May 2022 15:48



Tgt Ion:149 Resp: 311241  
Ion Ratio Lower Upper  
149 100  
177 22.9 18.4 27.6  
150 13.4 11.2 16.8





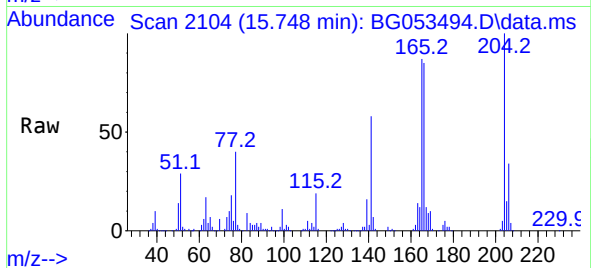
#61  
4-Chlorophenyl-phenylether  
Concen: 46.306 ng  
RT: 15.748 min Scan# 2104  
Delta R.T. -0.005 min  
Lab File: BG053494.D  
Acq: 9 May 2022 15:48

Instrument :

BNA\_G

ClientSampleId :

MH-31DMS

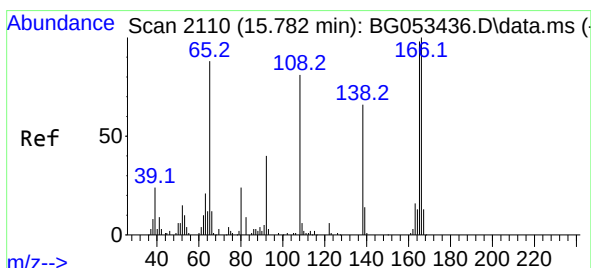
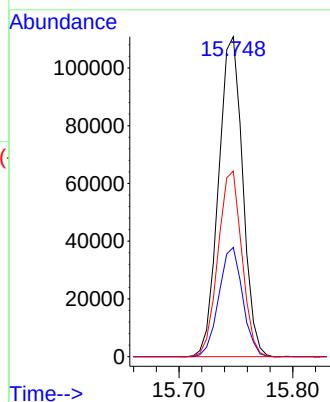
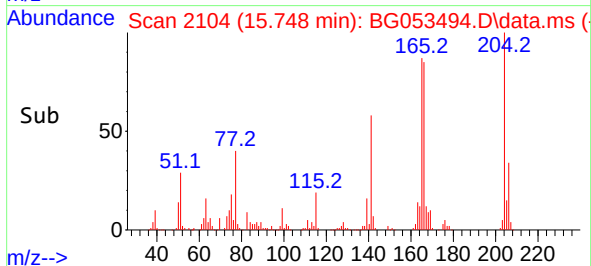


Tgt Ion:204 Resp: 163230  
Ion Ratio Lower Upper  
204 100  
206 34.2 27.5 41.3  
141 58.0 45.3 67.9

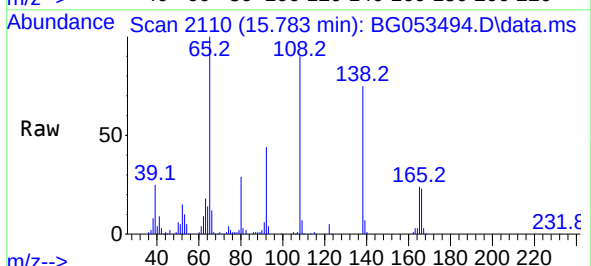
Manual Integrations

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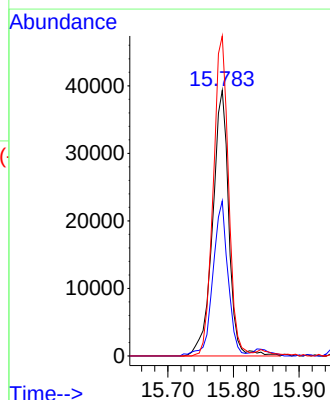
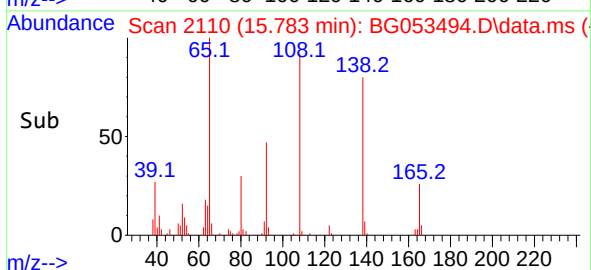
Reviewed By :Christian Giraldo 05/10/2022  
Supervised By :Jagrut Upadhyay 05/10/2022

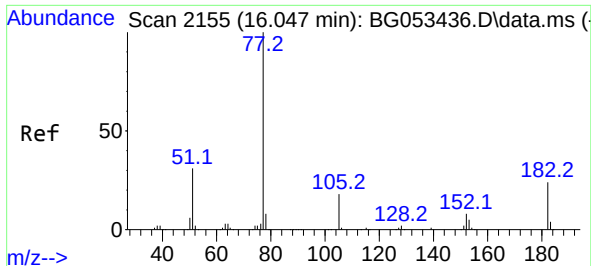


#62  
4-Nitroaniline  
Concen: 44.990 ng  
RT: 15.783 min Scan# 2110  
Delta R.T. 0.001 min  
Lab File: BG053494.D  
Acq: 9 May 2022 15:48



Tgt Ion:138 Resp: 67359  
Ion Ratio Lower Upper  
138 100  
92 58.4 40.5 80.5  
108 120.5 103.7 143.7





#63  
Azobenzene  
Concen: 45.883 ng  
RT: 16.041 min Scan# 2155  
Delta R.T. -0.005 min  
Lab File: BG053494.D  
Acq: 9 May 2022 15:48

Instrument :

BNA\_G

ClientSampleId :

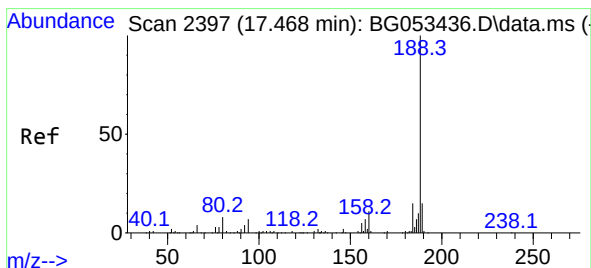
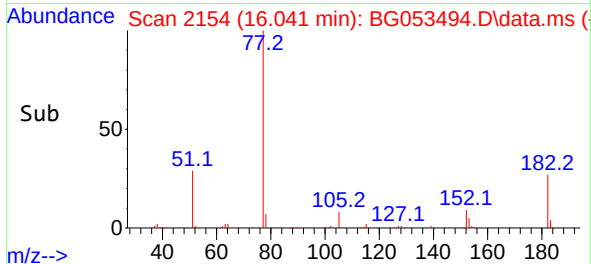
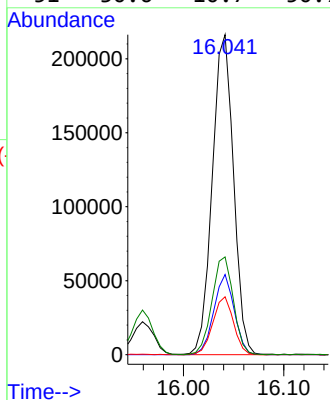
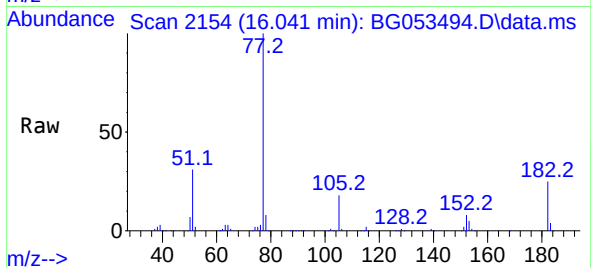
MH-31DMS

Tgt Ion: 77 Resp: 31825  
Ion Ratio Lower Upper  
77 100  
182 25.1 3.8 43.8  
105 18.1 0.0 37.8  
51 30.6 10.7 50.7

Manual Integrations

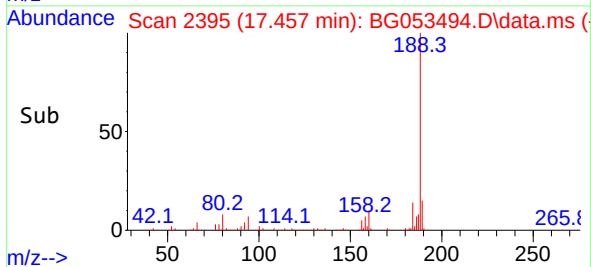
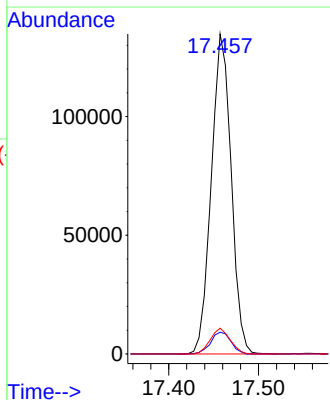
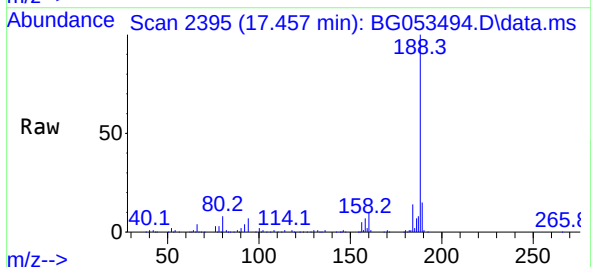
APPROVED

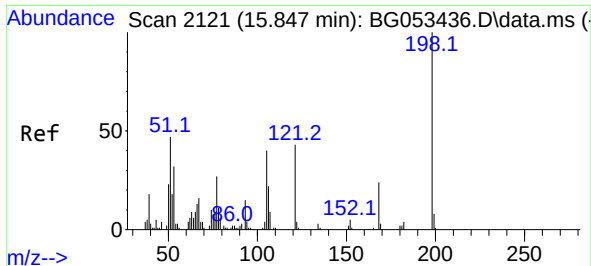
Reviewed By :Christian Giraldo 05/10/2022  
Supervised By :Jagrut Upadhyay 05/10/2022



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.457 min Scan# 2395  
Delta R.T. -0.011 min  
Lab File: BG053494.D  
Acq: 9 May 2022 15:48

Tgt Ion:188 Resp: 206811  
Ion Ratio Lower Upper  
188 100  
94 6.8 5.4 8.0  
80 8.1 6.8 10.2





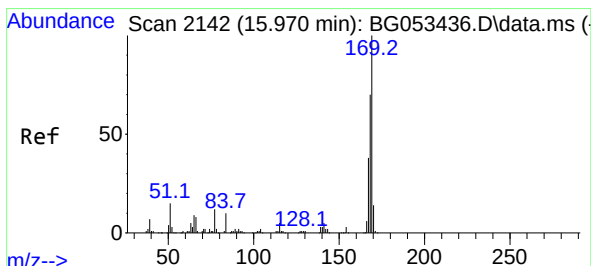
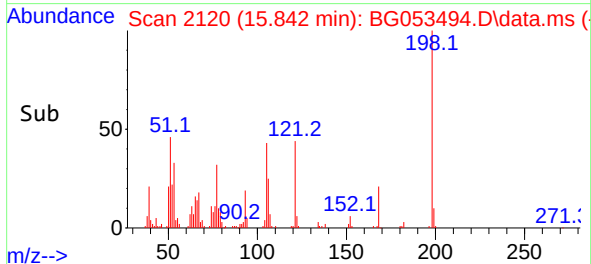
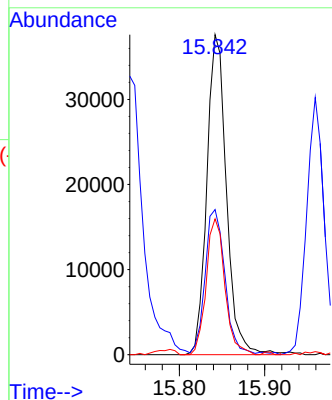
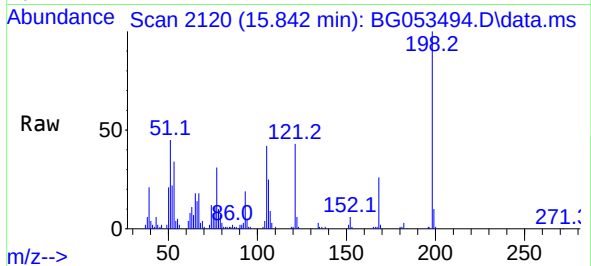
#65  
4,6-Dinitro-2-methylphenol  
Concen: 48.704 ng  
RT: 15.842 min Scan# 2121  
Delta R.T. -0.005 min  
Lab File: BG053494.D  
Acq: 9 May 2022 15:48

Instrument :  
BNA\_G  
ClientSampleId :  
MH-31DMS

Tgt Ion:198 Resp: 60019  
Ion Ratio Lower Upper  
198 100  
51 45.4 28.1 68.1  
105 42.5 20.3 60.3

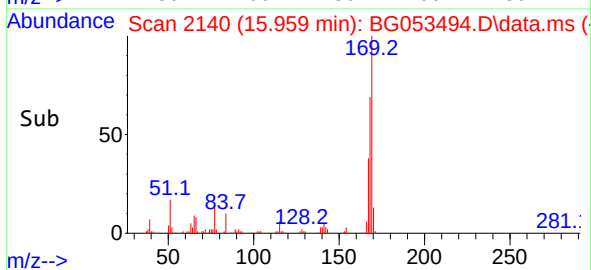
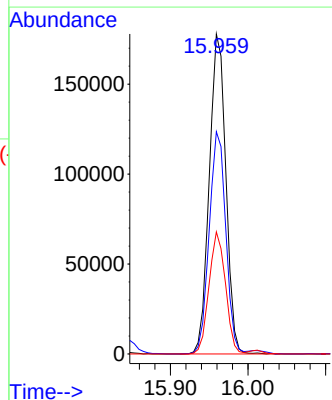
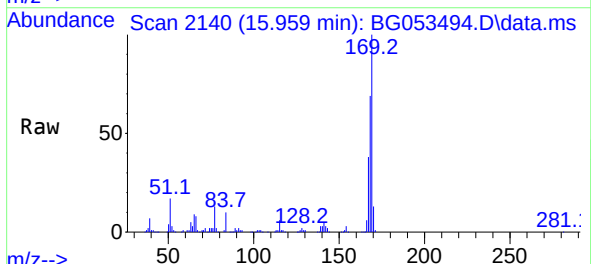
Manual Integrations  
APPROVED

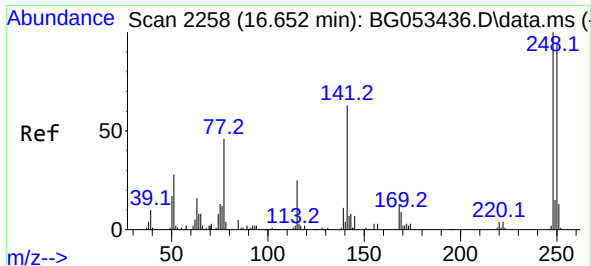
Reviewed By :Christian Giraldo 05/10/2022  
Supervised By :Jagrut Upadhyay 05/10/2022



#66  
n-Nitrosodiphenylamine  
Concen: 48.723 ng  
RT: 15.959 min Scan# 2140  
Delta R.T. -0.011 min  
Lab File: BG053494.D  
Acq: 9 May 2022 15:48

Tgt Ion:169 Resp: 264559  
Ion Ratio Lower Upper  
169 100  
168 69.5 55.9 83.9  
167 38.1 30.6 46.0





#67  
4-Bromophenyl-phenylether  
Concen: 49.022 ng  
RT: 16.641 min Scan# 211  
Delta R.T. -0.011 min  
Lab File: BG053494.D  
Acq: 9 May 2022 15:48

Instrument :

BNA\_G

ClientSampleId :

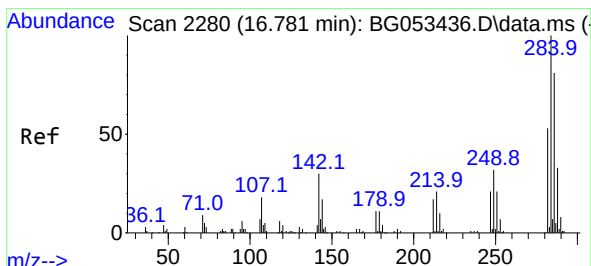
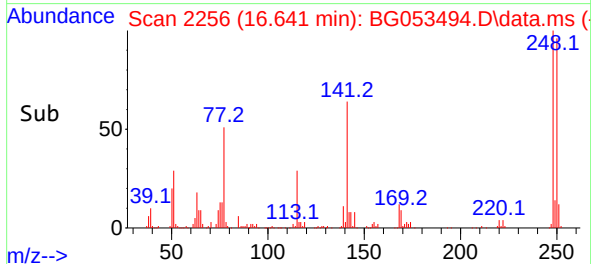
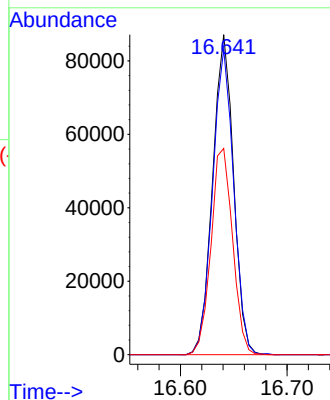
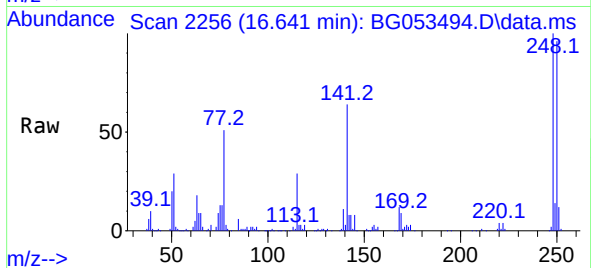
MH-31DMS

Tgt Ion:248 Resp: 11840  
Ion Ratio Lower Upper  
248 100  
250 95.5 75.2 112.8  
141 64.4 50.0 75.0

Manual Integrations

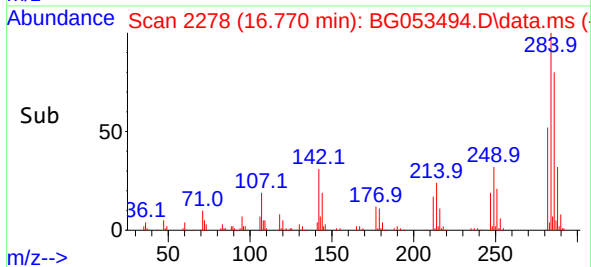
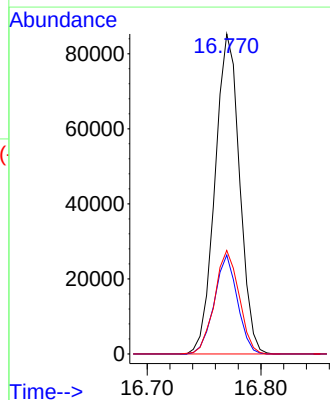
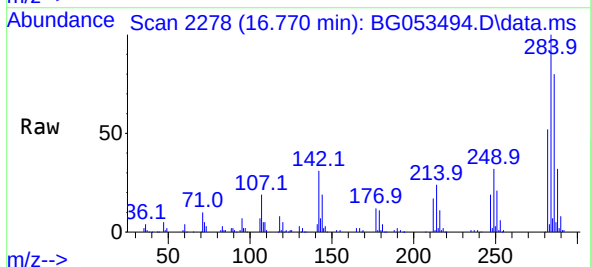
APPROVED

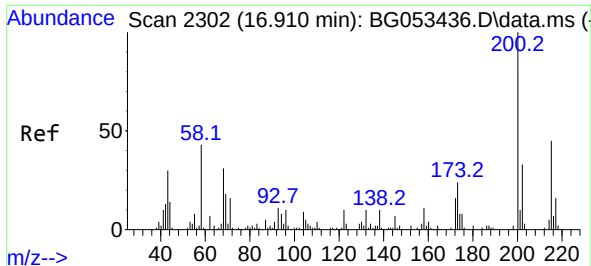
Reviewed By :Christian Giraldo 05/10/2022  
Supervised By :Jagrut Upadhyay 05/10/2022



#68  
Hexachlorobenzene  
Concen: 48.344 ng  
RT: 16.770 min Scan# 2278  
Delta R.T. -0.011 min  
Lab File: BG053494.D  
Acq: 9 May 2022 15:48

Tgt Ion:284 Resp: 127881  
Ion Ratio Lower Upper  
284 100  
142 30.9 23.6 35.4  
249 32.3 25.8 38.6





#69  
 Atrazine  
 Concen: 49.271 ng  
 RT: 16.905 min Scan# 211  
 Delta R.T. -0.005 min  
 Lab File: BG053494.D  
 Acq: 9 May 2022 15:48

Instrument :

BNA\_G

ClientSampleId :

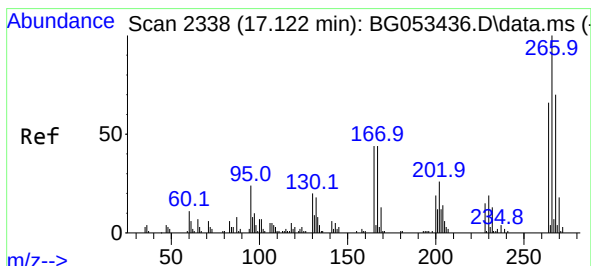
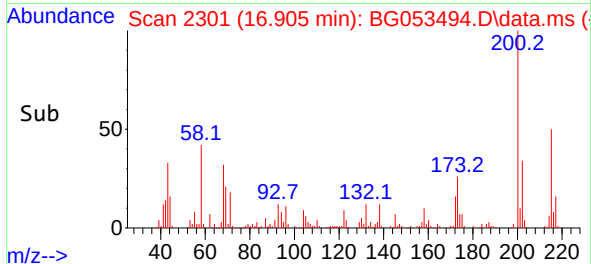
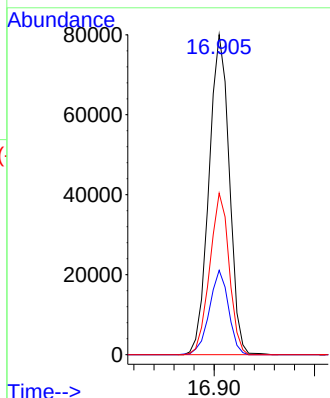
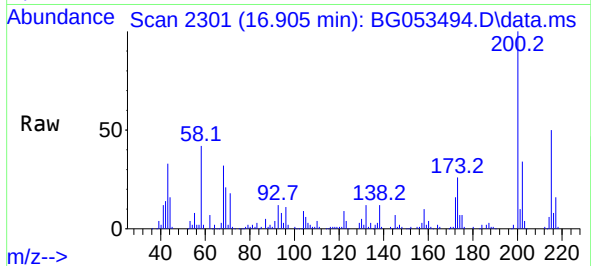
MH-31DMS

Tgt Ion:200 Resp: 112628  
 Ion Ratio Lower Upper  
 200 100  
 173 26.4 3.7 43.7  
 215 50.4 25.2 65.2

Manual Integrations

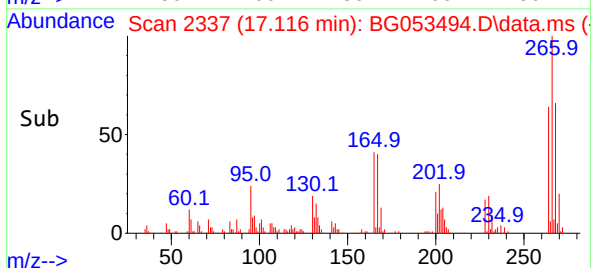
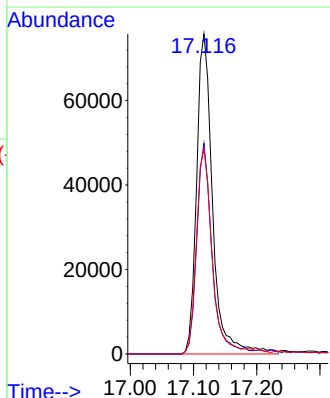
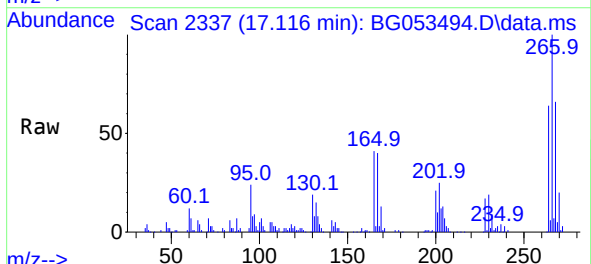
APPROVED

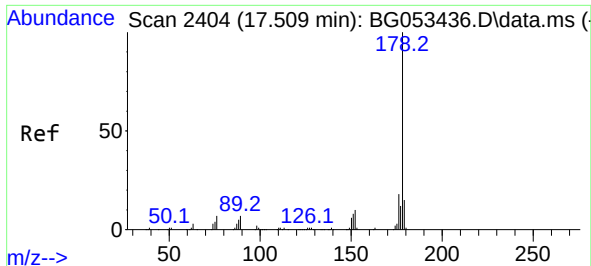
Reviewed By :Christian Giraldo 05/10/2022  
 Supervised By :Jagrut Upadhyay 05/10/2022



#70  
 Pentachlorophenol  
 Concen: 92.863 ng  
 RT: 17.116 min Scan# 2337  
 Delta R.T. -0.006 min  
 Lab File: BG053494.D  
 Acq: 9 May 2022 15:48

Tgt Ion:266 Resp: 133417  
 Ion Ratio Lower Upper  
 266 100  
 268 65.8 56.2 84.2  
 264 64.1 53.0 79.4





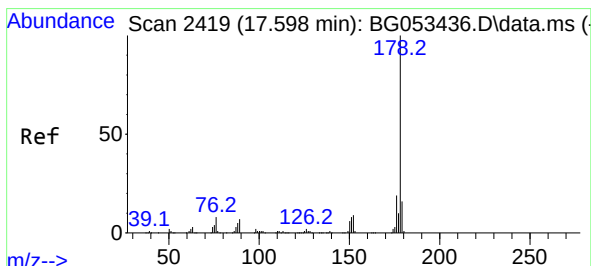
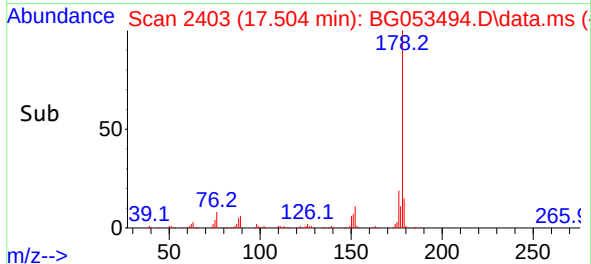
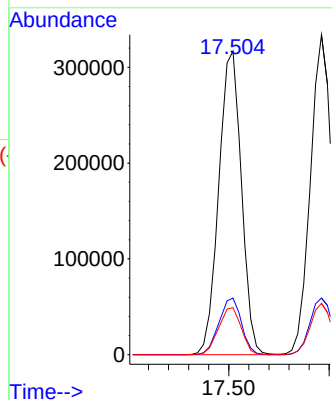
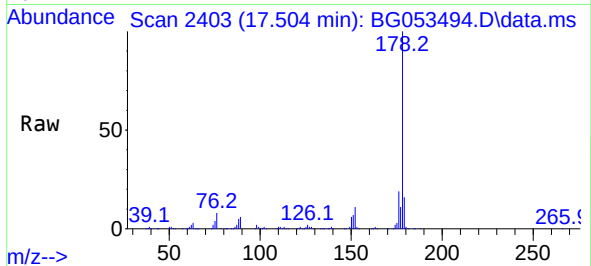
#71  
Phenanthrene  
Concen: 47.128 ng  
RT: 17.504 min Scan# 2403  
Delta R.T. -0.005 min  
Lab File: BG053494.D  
Acq: 9 May 2022 15:48

Instrument :  
BNA\_G  
ClientSampleId :  
MH-31DMS

Tgt Ion:178 Resp: 49559  
Ion Ratio Lower Upper  
178 100  
176 18.7 14.1 21.1  
179 15.5 12.1 18.1

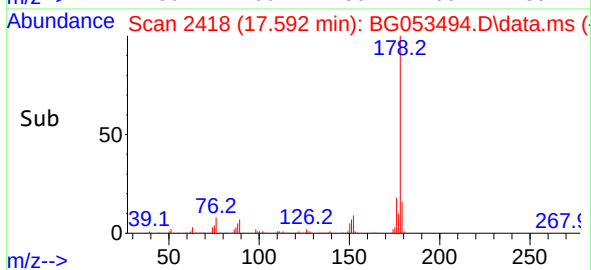
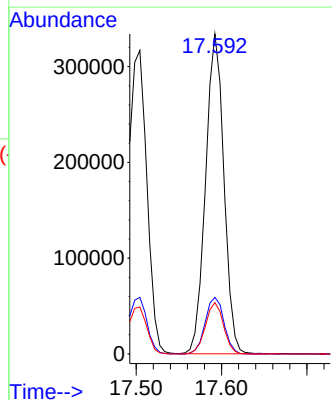
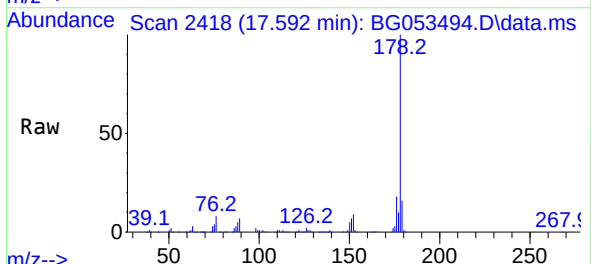
Manual Integrations  
APPROVED

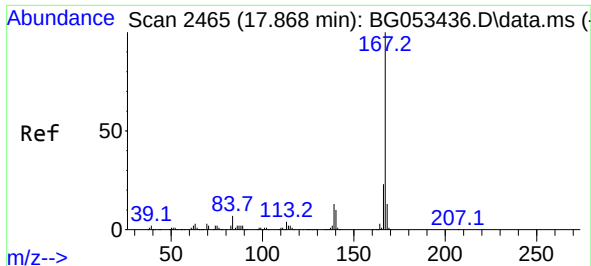
Reviewed By :Christian Giraldo 05/10/2022  
Supervised By :Jagrut Upadhyay 05/10/2022



#72  
Anthracene  
Concen: 48.253 ng  
RT: 17.592 min Scan# 2418  
Delta R.T. -0.005 min  
Lab File: BG053494.D  
Acq: 9 May 2022 15:48

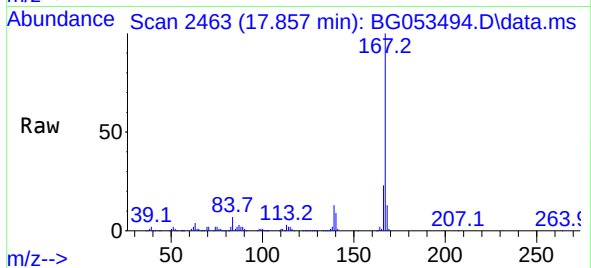
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Ion Ratio Lower Upper  
178 100  
176 17.7 15.2 22.8  
179 16.1 13.0 19.4





#73  
Carbazole  
Concen: 45.665 ng  
RT: 17.857 min Scan# 2463  
Delta R.T. -0.011 min  
Lab File: BG053494.D  
Acq: 9 May 2022 15:48

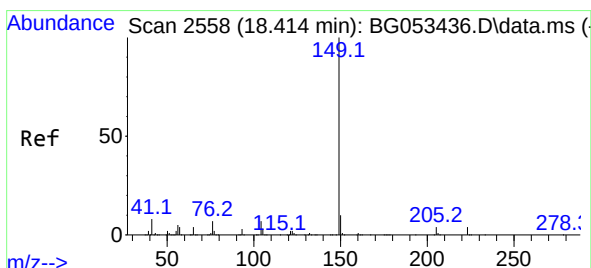
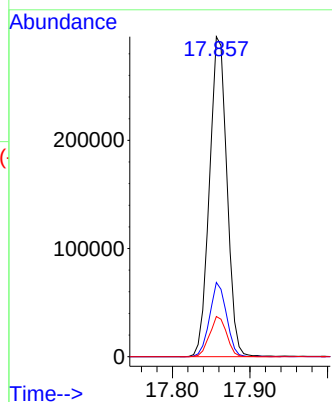
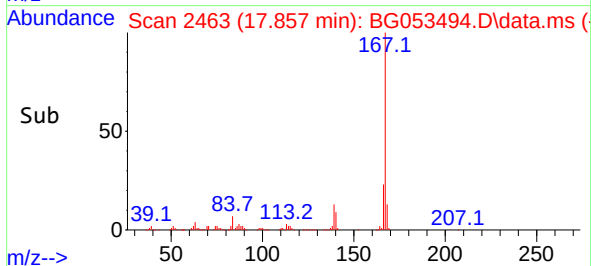
Instrument :  
BNA\_G  
ClientSampleId :  
MH-31DMS



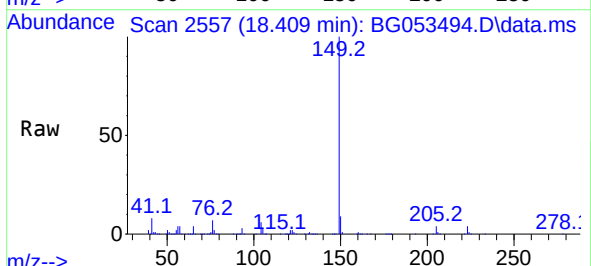
Tgt Ion:167 Resp: 462594  
Ion Ratio Lower Upper  
167 100  
166 23.2 18.2 27.2  
139 12.6 10.1 15.1

Manual Integrations  
APPROVED

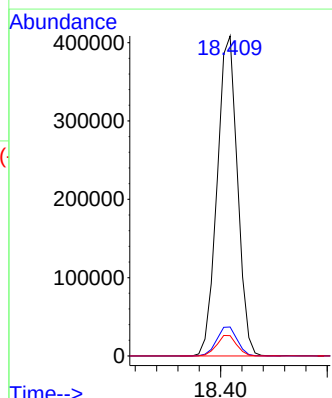
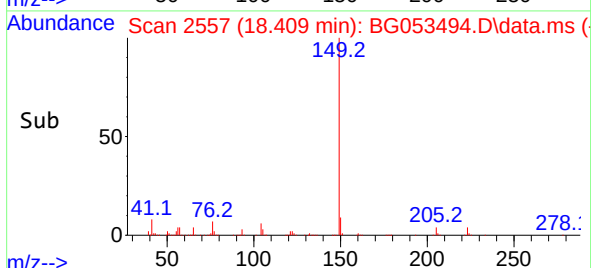
Reviewed By :Christian Giraldo 05/10/2022  
Supervised By :Jagrut Upadhyay 05/10/2022



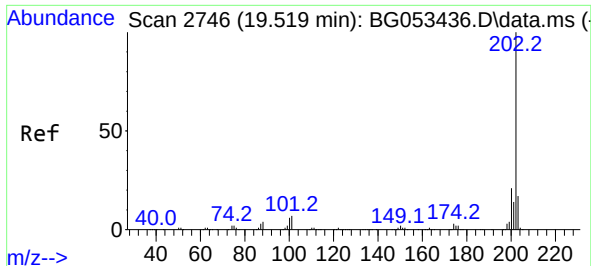
#74  
Di-n-butylphthalate  
Concen: 47.265 ng  
RT: 18.409 min Scan# 2557  
Delta R.T. -0.005 min  
Lab File: BG053494.D  
Acq: 9 May 2022 15:48



Tgt Ion:149 Resp: 538490  
Ion Ratio Lower Upper  
149 100  
150 9.0 7.7 11.5  
104 6.3 5.4 8.0

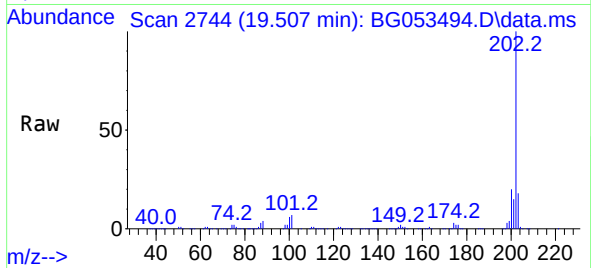






#75  
Fluoranthene  
Concen: 46.267 ng  
RT: 19.507 min Scan# 21  
Delta R.T. -0.011 min  
Lab File: BG053494.D  
Acq: 9 May 2022 15:48

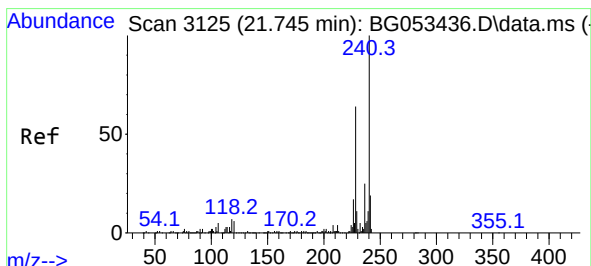
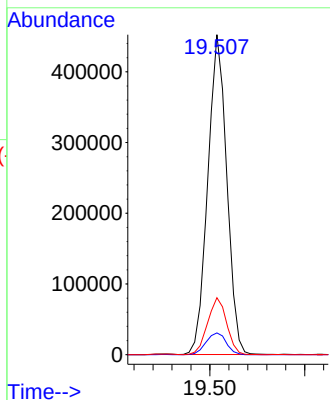
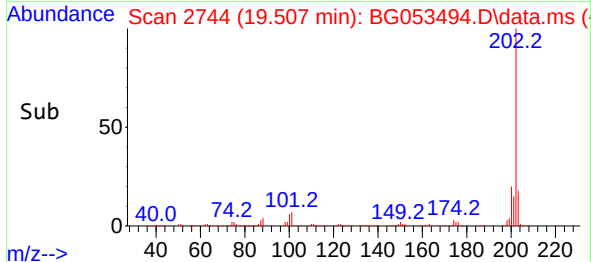
Instrument :  
BNA\_G  
ClientSampleId :  
MH-31DMS



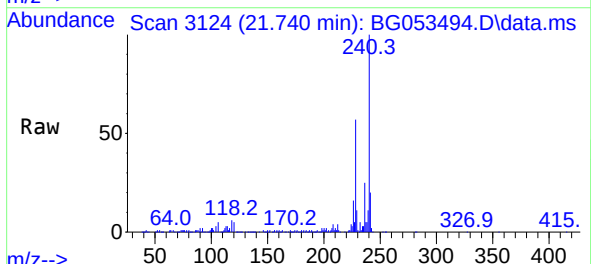
Tgt Ion:202 Resp: 629980  
Ion Ratio Lower Upper  
202 100  
101 6.8 0.0 26.9  
203 17.8 0.0 37.2

Manual Integrations  
APPROVED

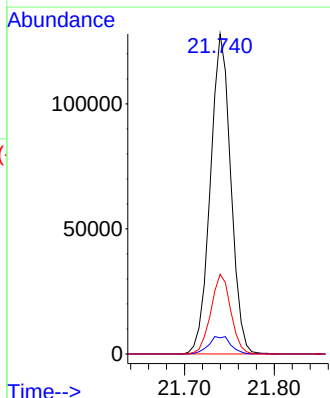
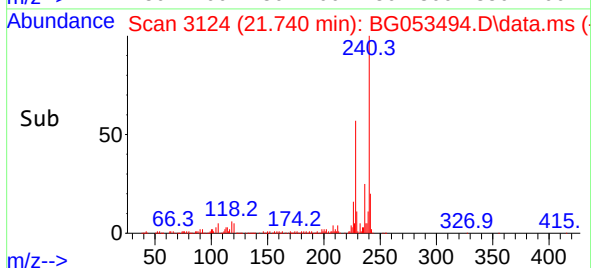
Reviewed By :Christian Giraldo 05/10/2022  
Supervised By :Jagrut Upadhyay 05/10/2022

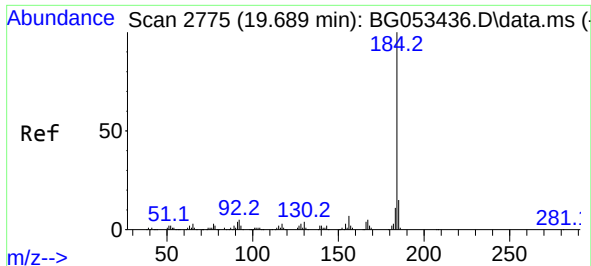


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.740 min Scan# 3124  
Delta R.T. -0.005 min  
Lab File: BG053494.D  
Acq: 9 May 2022 15:48



Tgt Ion:240 Resp: 201790  
Ion Ratio Lower Upper  
240 100  
120 5.0 4.6 7.0  
236 24.9 20.2 30.4





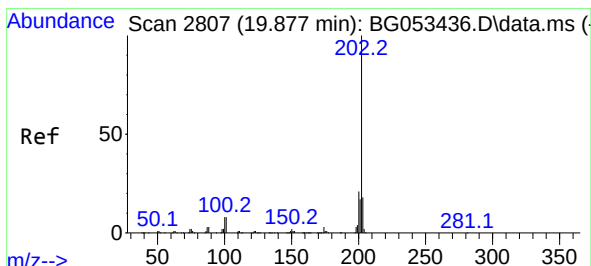
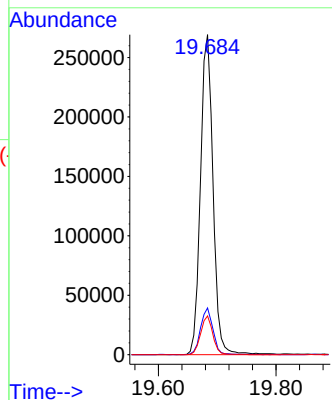
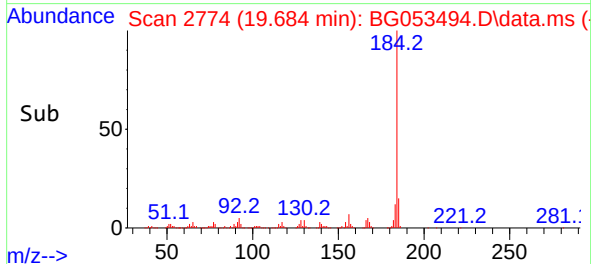
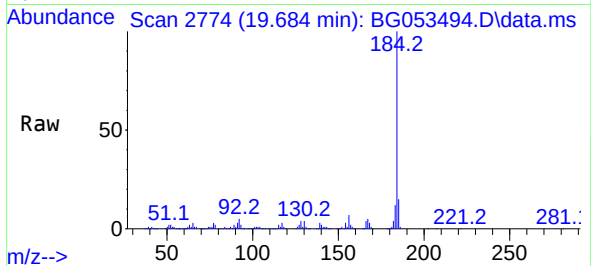
#77  
Benzidine  
Concen: 91.667 ng  
RT: 19.684 min Scan# 21  
Delta R.T. -0.005 min  
Lab File: BG053494.D  
Acq: 9 May 2022 15:48

Instrument :  
BNA\_G  
ClientSampleId :  
MH-31DMS

Tgt Ion:184 Resp: 39868  
Ion Ratio Lower Upper  
184 100  
185 14.6 11.8 17.6  
183 12.1 8.9 13.3

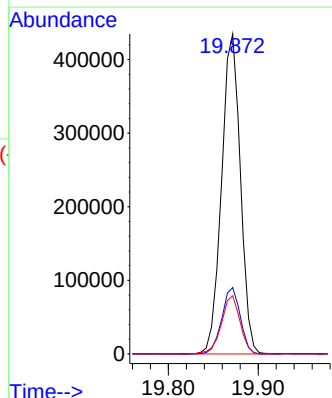
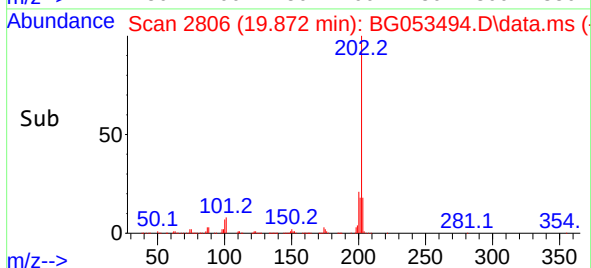
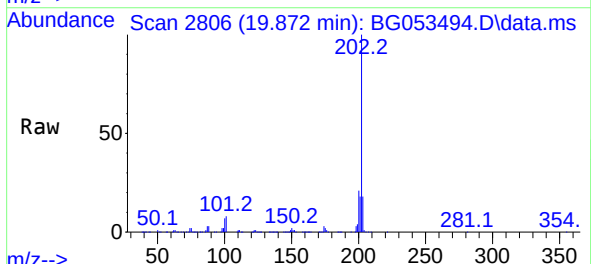
Manual Integrations  
APPROVED

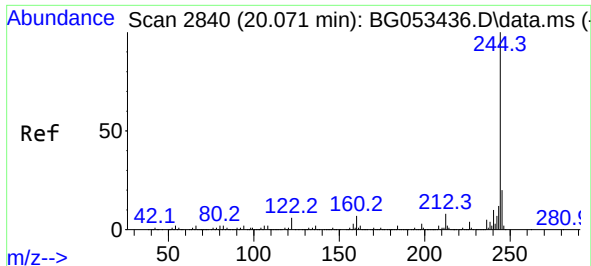
Reviewed By :Christian Giraldo 05/10/2022  
Supervised By :Jagrut Upadhyay 05/10/2022



#78  
Pyrene  
Concen: 48.321 ng  
RT: 19.872 min Scan# 2806  
Delta R.T. -0.005 min  
Lab File: BG053494.D  
Acq: 9 May 2022 15:48

Tgt Ion:202 Resp: 631210  
Ion Ratio Lower Upper  
202 100  
200 20.8 16.6 24.8  
203 18.2 14.6 21.8





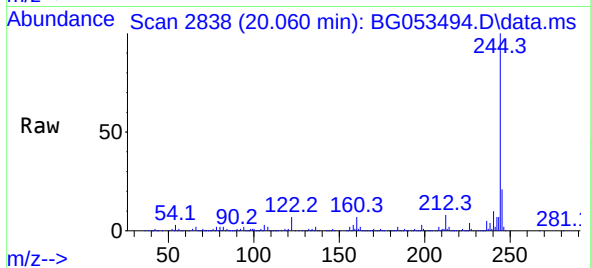
#79  
 Terphenyl-d14  
 Concen: 80.146 ng  
 RT: 20.060 min Scan# 21  
 Delta R.T. -0.011 min  
 Lab File: BG053494.D  
 Acq: 9 May 2022 15:48

Instrument :

BNA\_G

ClientSampleId :

MH-31DMS

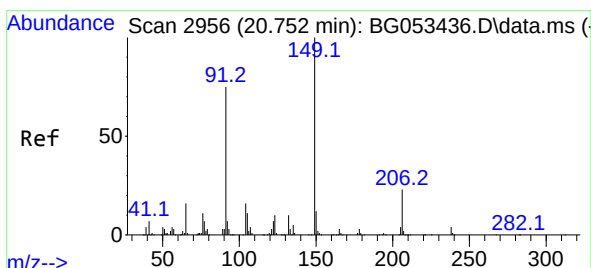
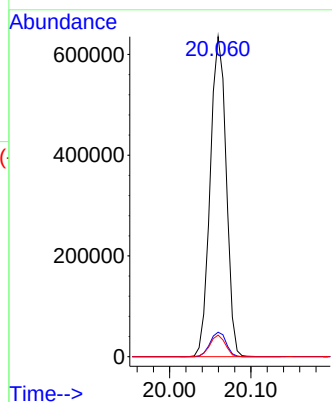
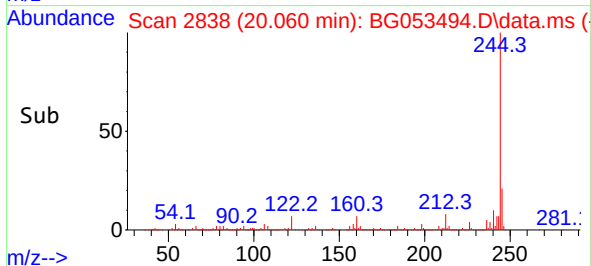


Tgt Ion:244 Resp: 868340  
 Ion Ratio Lower Upper  
 244 100  
 212 7.6 6.5 9.7  
 122 6.8 5.0 7.4

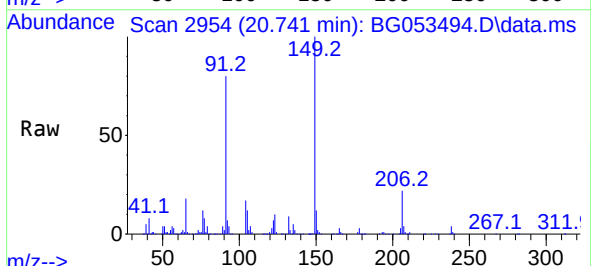
Manual Integrations

APPROVED

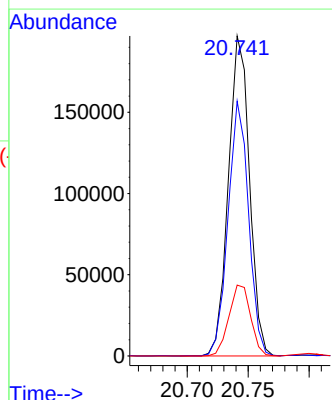
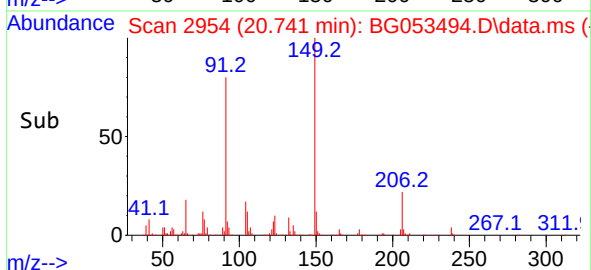
Reviewed By :Christian Giraldo 05/10/2022  
 Supervised By :Jagrut Upadhyay 05/10/2022

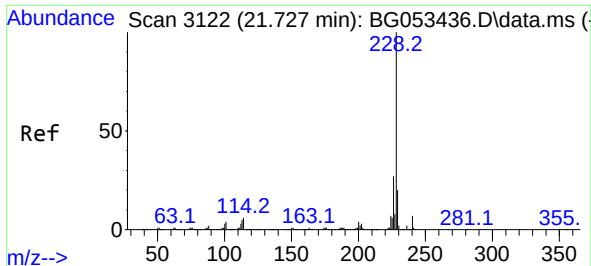


#80  
 Butylbenzylphthalate  
 Concen: 49.609 ng  
 RT: 20.741 min Scan# 2954  
 Delta R.T. -0.011 min  
 Lab File: BG053494.D  
 Acq: 9 May 2022 15:48



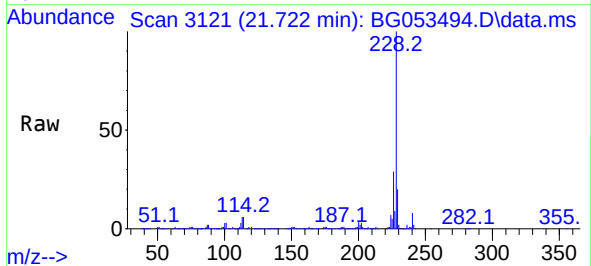
Tgt Ion:149 Resp: 237629  
 Ion Ratio Lower Upper  
 149 100  
 91 79.6 59.6 89.4  
 206 22.1 18.6 28.0





#81  
Benzo(a)anthracene  
Concen: 48.104 ng  
RT: 21.722 min Scan# 3122  
Delta R.T. -0.005 min  
Lab File: BG053494.D  
Acq: 9 May 2022 15:48

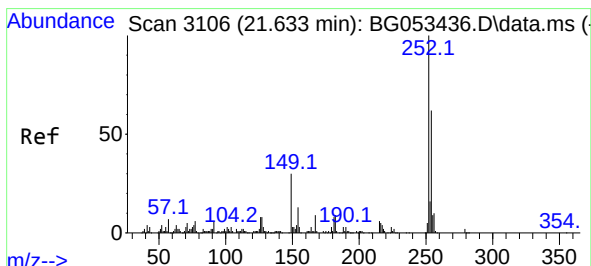
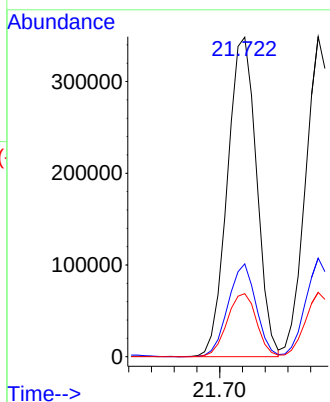
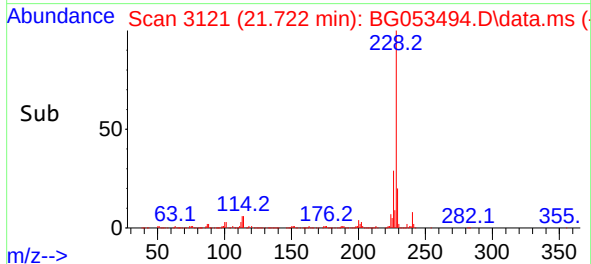
Instrument :  
BNA\_G  
ClientSampleId :  
MH-31DMS



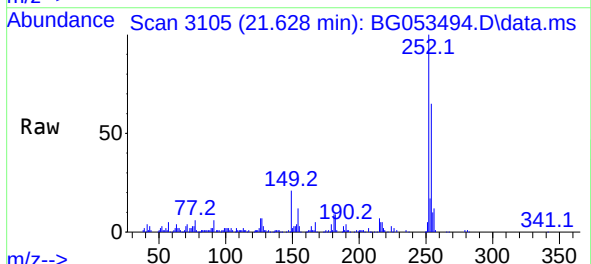
Tgt Ion:228 Resp: 619120  
Ion Ratio Lower Upper  
228 100  
226 29.0 21.6 32.4  
229 19.7 16.2 24.2

Manual Integrations  
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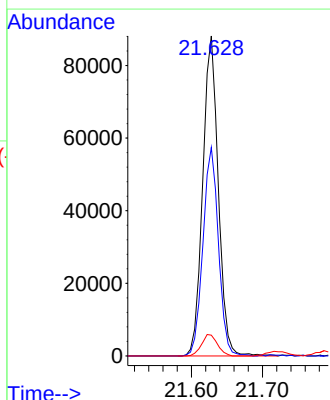
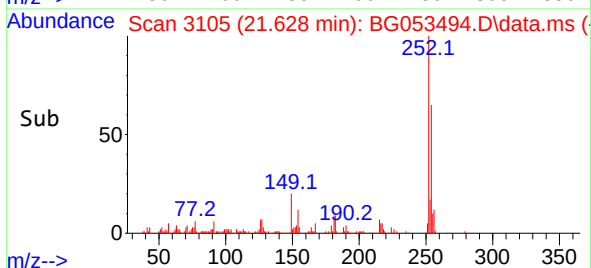
Reviewed By :Christian Giraldo 05/10/2022  
Supervised By :Jagrut Upadhyay 05/10/2022

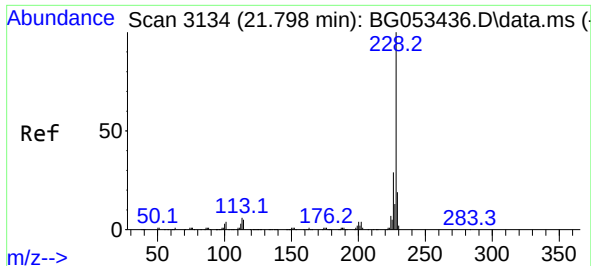


#82  
3,3'-Dichlorobenzidine  
Concen: 41.199 ng  
RT: 21.628 min Scan# 3105  
Delta R.T. -0.005 min  
Lab File: BG053494.D  
Acq: 9 May 2022 15:48



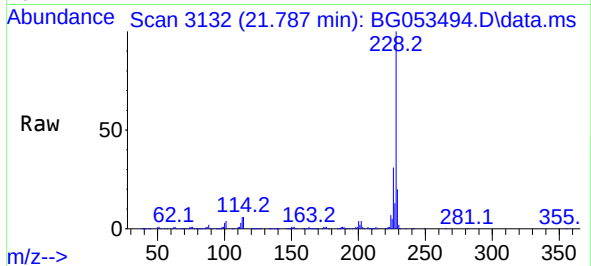
Tgt Ion:252 Resp: 134466  
Ion Ratio Lower Upper  
252 100  
254 65.1 49.8 74.8  
126 6.5 6.0 9.0





#83  
Chrysene  
Concen: 47.224 ng  
RT: 21.787 min Scan# 3134  
Delta R.T. -0.011 min  
Lab File: BG053494.D  
Acq: 9 May 2022 15:48

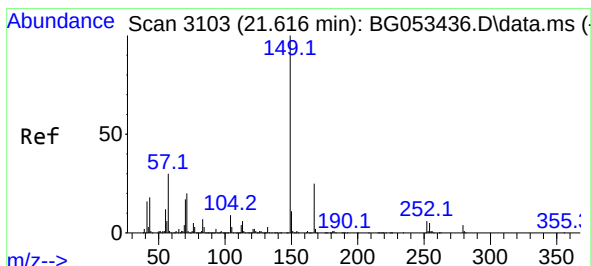
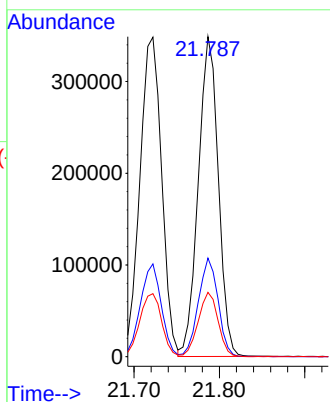
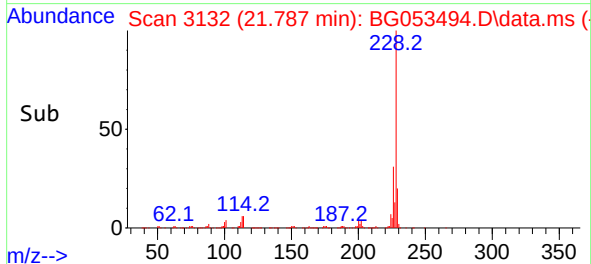
Instrument :  
BNA\_G  
ClientSampleId :  
MH-31DMS



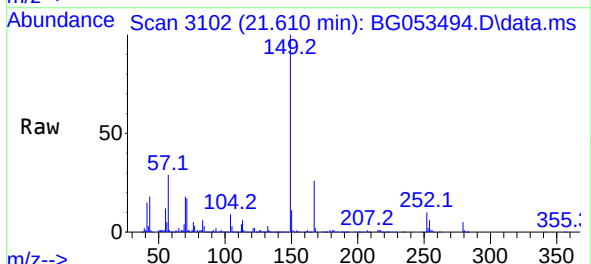
Tgt Ion:228 Resp: 567658  
Ion Ratio Lower Upper  
228 100  
226 30.8 23.4 35.2  
229 20.1 15.5 23.3

Manual Integrations  
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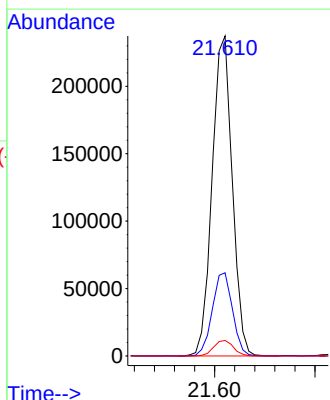
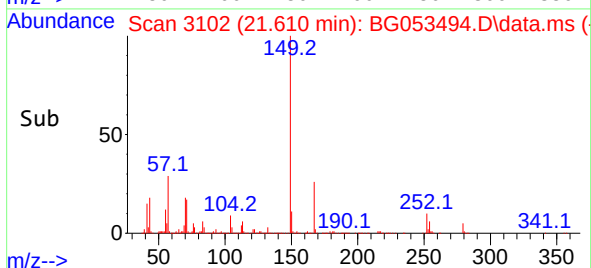
Reviewed By :Christian Giraldo 05/10/2022  
Supervised By :Jagrut Upadhyay 05/10/2022

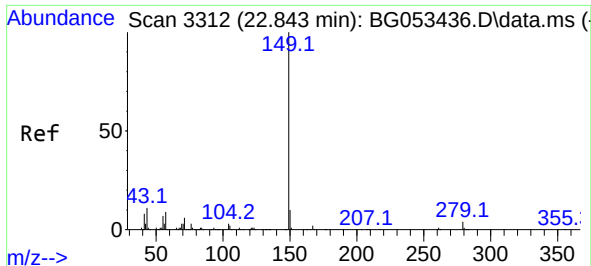


#84  
Bis(2-ethylhexyl)phthalate  
Concen: 49.903 ng  
RT: 21.610 min Scan# 3102  
Delta R.T. -0.005 min  
Lab File: BG053494.D  
Acq: 9 May 2022 15:48



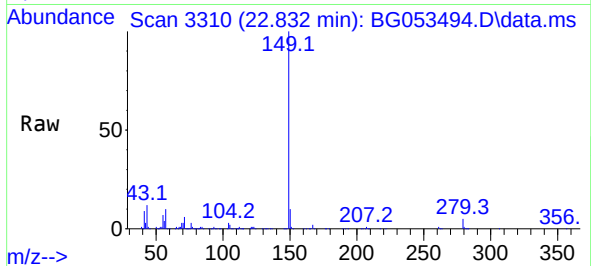
Tgt Ion:149 Resp: 329933  
Ion Ratio Lower Upper  
149 100  
167 26.0 20.2 30.4  
279 4.8 3.6 5.4





#85  
Di-n-octyl phthalate  
Concen: 49.786 ng  
RT: 22.832 min Scan# 31  
Delta R.T. -0.011 min  
Lab File: BG053494.D  
Acq: 9 May 2022 15:48

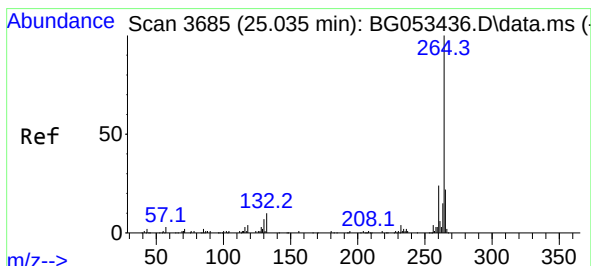
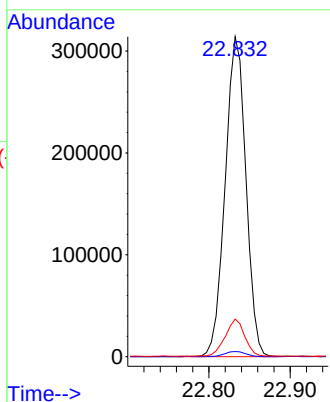
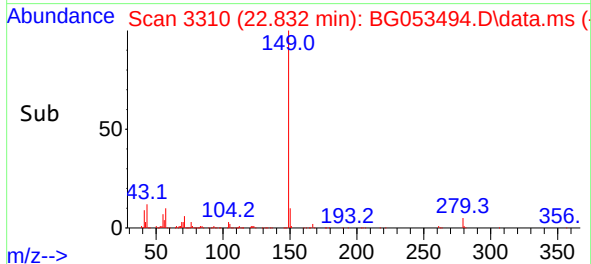
Instrument :  
BNA\_G  
ClientSampleId :  
MH-31DMS



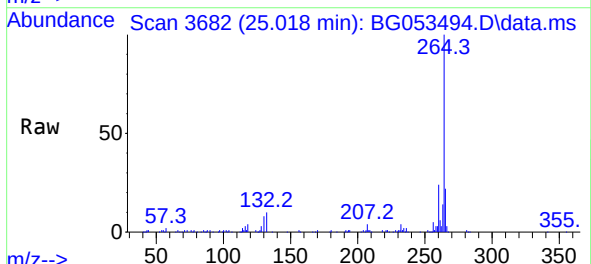
Tgt Ion:149 Resp: 556599  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 11.0 9.0 13.4

Manual Integrations  
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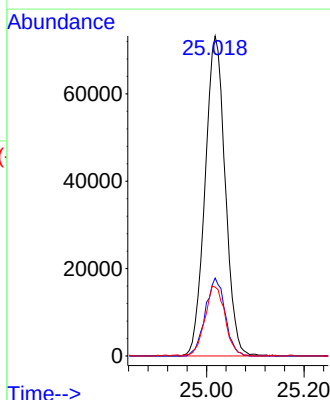
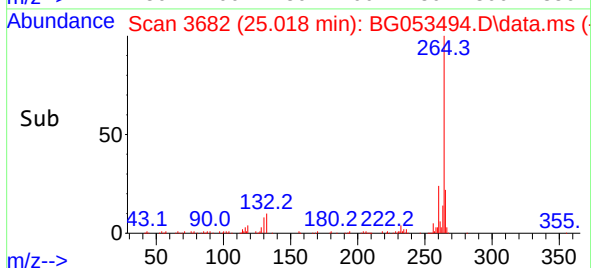
Reviewed By :Christian Giraldo 05/10/2022  
Supervised By :Jagrut Upadhyay 05/10/2022

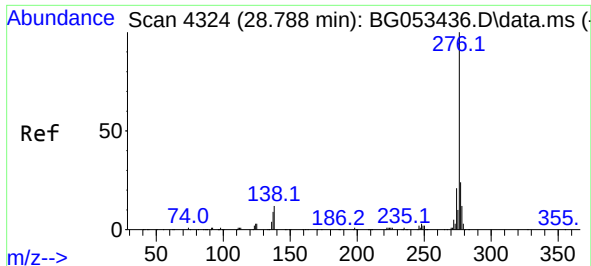


#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.018 min Scan# 3682  
Delta R.T. -0.017 min  
Lab File: BG053494.D  
Acq: 9 May 2022 15:48



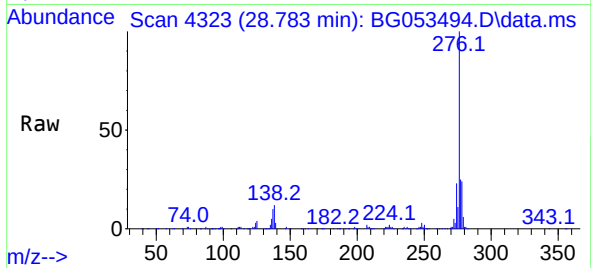
Tgt Ion:264 Resp: 209330  
Ion Ratio Lower Upper  
264 100  
260 24.4 19.0 28.6  
265 21.5 17.4 26.2





#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 48.435 ng  
 RT: 28.783 min Scan# 41  
 Delta R.T. -0.005 min  
 Lab File: BG053494.D  
 Acq: 9 May 2022 15:48

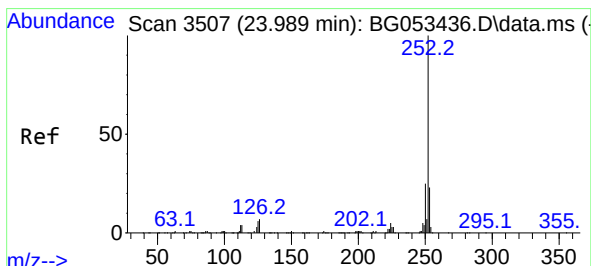
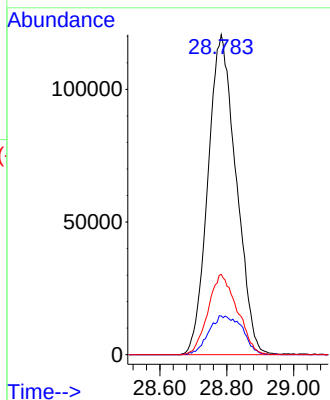
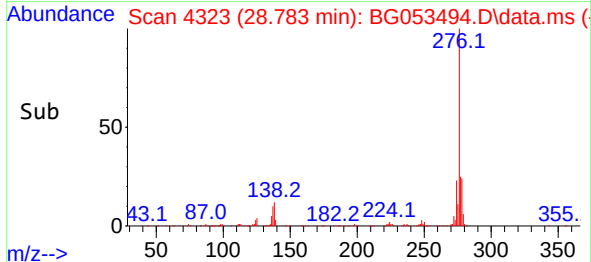
Instrument :  
 BNA\_G  
 ClientSampleId :  
 MH-31DMS



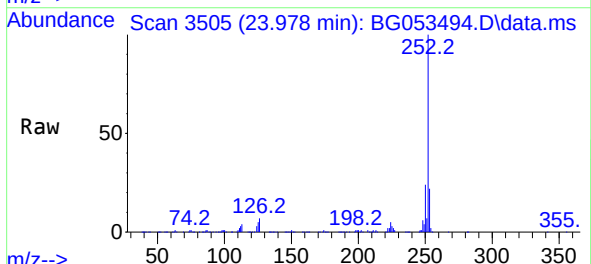
Tgt Ion:276 Resp: 706150  
 Ion Ratio Lower Upper  
 276 100  
 138 14.5 5.0 7.4  
 277 26.0 20.3 30.5

Manual Integrations  
 APPROVED

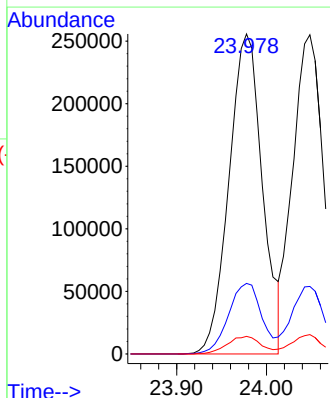
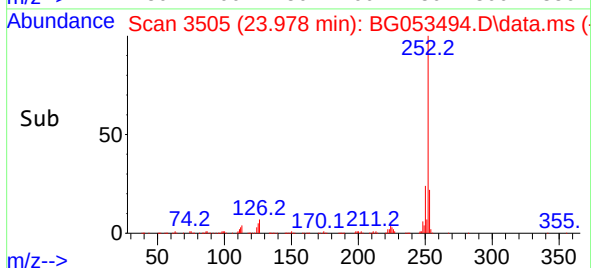
Reviewed By :Christian Giraldo 05/10/2022  
 Supervised By :Jagrut Upadhyay 05/10/2022

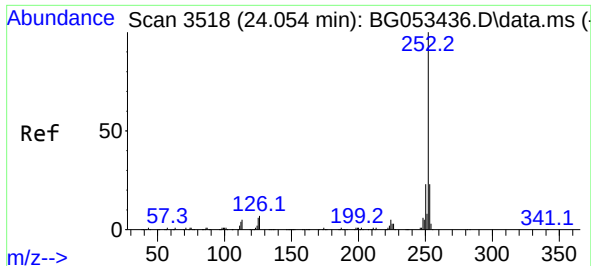


#88  
 Benzo(b)fluoranthene  
 Concen: 53.388 ng  
 RT: 23.978 min Scan# 3505  
 Delta R.T. -0.011 min  
 Lab File: BG053494.D  
 Acq: 9 May 2022 15:48



Tgt Ion:252 Resp: 661506  
 Ion Ratio Lower Upper  
 252 100  
 253 22.1 18.0 27.0  
 125 5.5 4.6 6.8





#89  
Benzo(k)fluoranthene  
Concen: 49.354 ng  
RT: 24.048 min Scan# 31  
Delta R.T. -0.005 min  
Lab File: BG053494.D  
Acq: 9 May 2022 15:48

Instrument :

BNA\_G

ClientSampleId :

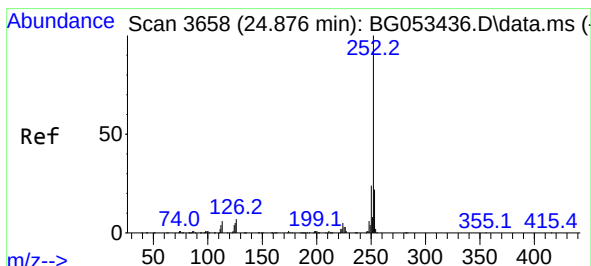
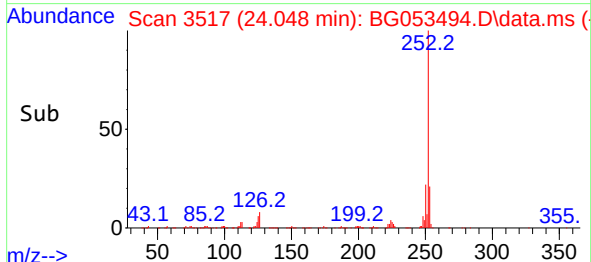
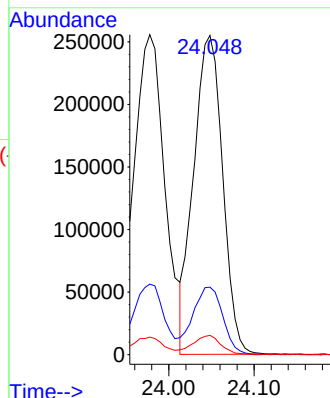
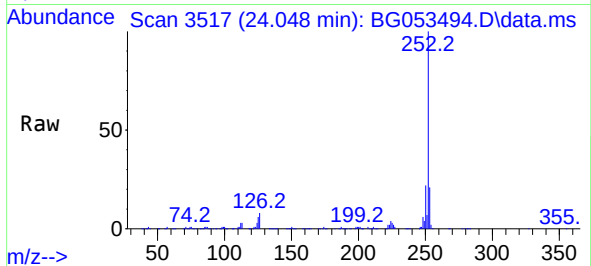
MH-31DMS

Tgt Ion:252 Resp: 60092  
Ion Ratio Lower Upper  
252 100  
253 21.1 18.4 27.6  
125 6.1 4.8 7.2

Manual Integrations

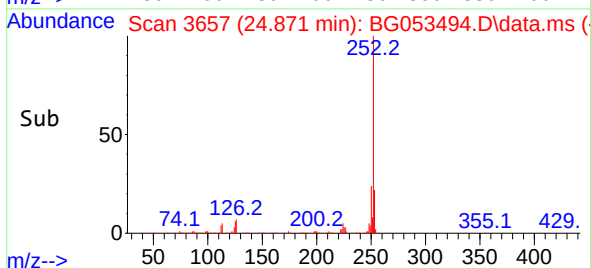
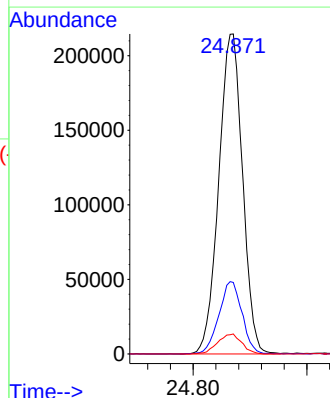
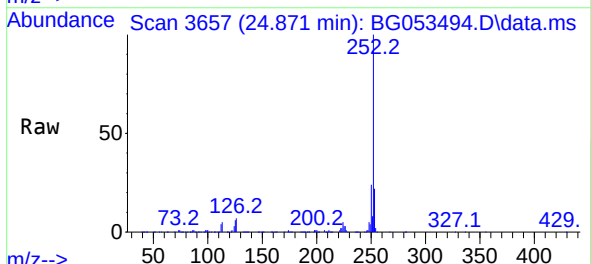
APPROVED

Reviewed By :Christian Giraldo 05/10/2022  
Supervised By :Jagrut Upadhyay 05/10/2022

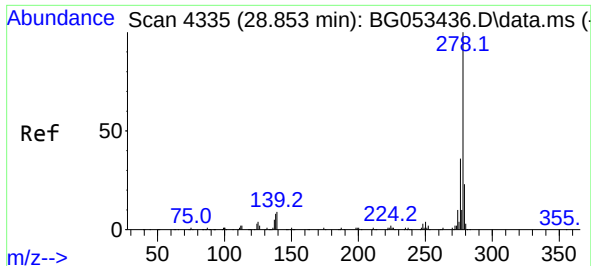


#90  
Benzo(a)pyrene  
Concen: 59.090 ng  
RT: 24.871 min Scan# 3657  
Delta R.T. -0.005 min  
Lab File: BG053494.D  
Acq: 9 May 2022 15:48

Tgt Ion:252 Resp: 623179  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.8 26.8  
125 6.3 4.3 6.5

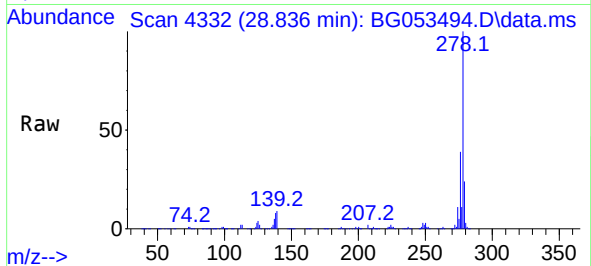






#91  
Dibenzo(a,h)anthracene  
Concen: 50.910 ng  
RT: 28.836 min Scan# 41  
Delta R.T. -0.017 min  
Lab File: BG053494.D  
Acq: 9 May 2022 15:48

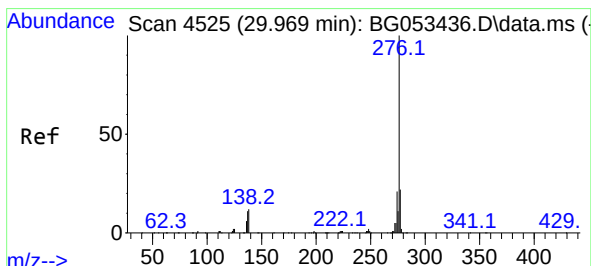
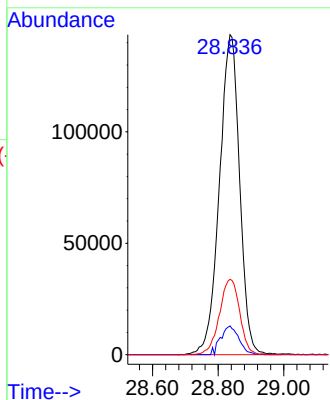
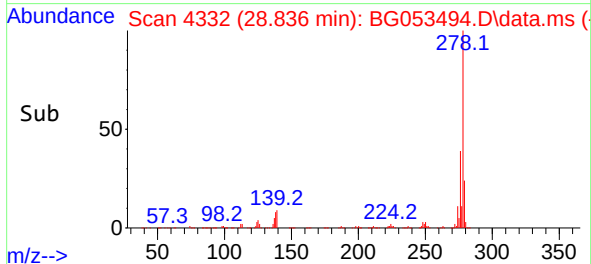
Instrument :  
BNA\_G  
ClientSampleId :  
MH-31DMS



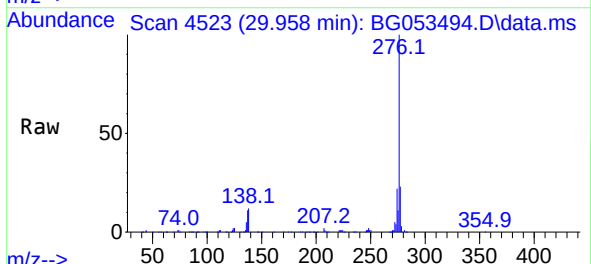
Tgt Ion:278 Resp: 611594  
Ion Ratio Lower Upper  
278 100  
139 9.0 7.2 10.8  
279 23.6 18.6 27.8

Manual Integrations  
APPROVED

Reviewed By :Christian Giraldo 05/10/2022  
Supervised By :Jagrut Upadhyay 05/10/2022



#92  
Benzo(g,h,i)perylene  
Concen: 51.222 ng  
RT: 29.958 min Scan# 4523  
Delta R.T. -0.011 min  
Lab File: BG053494.D  
Acq: 9 May 2022 15:48



Tgt Ion:276 Resp: 609960  
Ion Ratio Lower Upper  
276 100  
277 23.0 17.3 25.9  
138 12.2 9.6 14.4

