

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG030922\  
 Data File : BG052623.D  
 Acq On : 9 Mar 2022 22:16  
 Operator : CG/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 ICVBG030922

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 03/10/2022  
 Supervised By : Jagrut Upadhyay 03/10/2022

Quant Time: Mar 10 06:39:23 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030922.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 10 06:37:54 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.175  | 152  | 34768    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 11.013 | 136  | 133408   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.825 | 164  | 94223    | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.574 | 188  | 219553   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.886 | 240  | 211057   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 25.299 | 264  | 222010   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.702  | 112  | 157605   | 78.310 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.323  | 99   | 231248   | 79.390 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.350  | 82   | 236408   | 80.332 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.317 | 330  | 110714   | 82.849 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.445 | 172  | 551451   | 78.996 | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.171 | 244  | 950475   | 79.690 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.517  | 88   | 34272    | 37.020 | ng    | 97       |
| 3) Pyridine                   | 3.934  | 79   | 96496    | 39.405 | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.840  | 42   | 44678    | 38.284 | ng    | 98       |
| 6) Aniline                    | 7.482  | 93   | 131218   | 39.927 | ng    | 95       |
| 8) 2-Chlorophenol             | 7.735  | 128  | 83458    | 39.301 | ng    | 98       |
| 9) Benzaldehyde               | 7.294  | 77   | 62953    | 37.774 | ng    | 97       |
| 10) Phenol                    | 7.353  | 94   | 113405   | 39.363 | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 7.576  | 93   | 83704    | 37.827 | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 8.064  | 146  | 97313    | 38.452 | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 8.205  | 146  | 98744    | 38.292 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.534  | 146  | 93898    | 37.619 | ng    | 99       |
| 15) Benzyl Alcohol            | 8.410  | 79   | 90687    | 40.263 | ng    | 96       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.698  | 45   | 112940   | 37.843 | ng    | 99       |
| 17) 2-Methylphenol            | 8.616  | 107  | 74052    | 38.851 | ng    | 97       |
| 18) Hexachloroethane          | 9.274  | 117  | 33241    | 38.089 | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 8.980  | 70   | 77367    | 39.250 | ng    | # 94     |
| 20) 3+4-Methylphenols         | 8.951  | 107  | 105323   | 39.956 | ng    | 95       |
| 22) Acetophenone              | 8.998  | 105  | 137136   | 39.799 | ng    | 98       |
| 24) Nitrobenzene              | 9.391  | 77   | 110452   | 40.133 | ng    | 99       |
| 25) Isophorone                | 9.914  | 82   | 200766   | 41.025 | ng    | 99       |
| 26) 2-Nitrophenol             | 10.108 | 139  | 51873    | 41.520 | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 10.167 | 122  | 76244    | 42.380 | ng    | 96       |
| 28) bis(2-Chloroethoxy)met... | 10.396 | 93   | 118183   | 40.074 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.660 | 162  | 89044    | 41.599 | ng    | 95       |
| 30) 1,2,4-Trichlorobenzene    | 10.872 | 180  | 106693   | 40.284 | ng    | 95       |
| 31) Naphthalene               | 11.060 | 128  | 281464   | 40.093 | ng    | 99       |
| 32) Benzoic acid              | 10.331 | 122  | 30771m   | 29.443 | ng    |          |
| 33) 4-Chloroaniline           | 11.165 | 127  | 119666   | 42.130 | ng    | 95       |
| 34) Hexachlorobutadiene       | 11.347 | 225  | 68751    | 39.730 | ng    | 96       |
| 35) Caprolactam               | 11.935 | 113  | 31613    | 43.992 | ng    | # 89     |
| 36) 4-Chloro-3-methylphenol   | 12.281 | 107  | 97070    | 41.405 | ng    | 99       |
| 37) 2-Methylnaphthalene       | 12.657 | 142  | 207399   | 40.891 | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.881 | 142  | 203251   | 40.810 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 13.027 | 216  | 124805   | 39.600 | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 13.010 | 237  | 59226    | 41.907 | ng    | 89       |
| 43) 2,4,6-Trichlorophenol     | 13.262 | 196  | 83386    | 42.931 | ng    | 97       |

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 Sample : SSTDICV040  
 Misc :  
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Instrument :  
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Manual Integrations  
 APPROVED

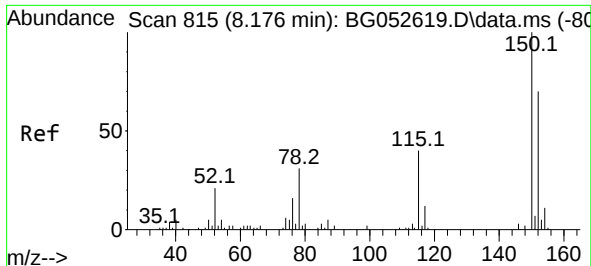
Reviewed By : Christian Giraldo 03/10/2022  
 Supervised By : Jagrut Upadhyay 03/10/2022

Quant Time: Mar 10 06:39:23 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030922.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 10 06:37:54 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.345 | 196  | 85576    | 40.678 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.656 | 154  | 280188   | 39.757 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 13.709 | 162  | 216952   | 39.578 | ng    | 96       |
| 48) 2-Nitroaniline            | 13.903 | 65   | 71661    | 40.605 | ng    | 93       |
| 49) Acenaphthylene            | 14.549 | 152  | 347563   | 40.038 | ng    | 98       |
| 50) Dimethylphthalate         | 14.267 | 163  | 285708   | 39.917 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.390 | 165  | 62491    | 39.947 | ng    | 95       |
| 52) Acenaphthene              | 14.890 | 154  | 210143   | 39.923 | ng    | 98       |
| 53) 3-Nitroaniline            | 14.725 | 138  | 66076    | 41.045 | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 14.937 | 184  | 33365    | 39.963 | ng    | 96       |
| 55) Dibenzofuran              | 15.225 | 168  | 355202   | 39.794 | ng    | 98       |
| 56) 4-Nitrophenol             | 15.037 | 139  | 48619    | 43.296 | ng    | 96       |
| 57) 2,4-Dinitrotoluene        | 15.183 | 165  | 90922    | 41.297 | ng    | 93       |
| 58) Fluorene                  | 15.871 | 166  | 285555   | 39.389 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.454 | 232  | 84128    | 43.549 | ng    | 99       |
| 60) Diethylphthalate          | 15.624 | 149  | 285919   | 39.801 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.853 | 204  | 160267   | 39.627 | ng    | 95       |
| 62) 4-Nitroaniline            | 15.888 | 138  | 68138    | 40.052 | ng    | 97       |
| 63) Azobenzene                | 16.147 | 77   | 281129   | 39.627 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.953 | 198  | 59066    | 42.369 | ng    | 93       |
| 66) n-Nitrosodiphenylamine    | 16.070 | 169  | 250943   | 40.675 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.752 | 248  | 108876   | 40.064 | ng    | 97       |
| 68) Hexachlorobenzene         | 16.887 | 284  | 117203   | 40.353 | ng    | 99       |
| 69) Atrazine                  | 17.010 | 200  | 97276    | 42.888 | ng    | 96       |
| 70) Pentachlorophenol         | 17.228 | 266  | 58168m   | 41.608 | ng    |          |
| 71) Phenanthrene              | 17.615 | 178  | 458480   | 39.801 | ng    | 98       |
| 72) Anthracene                | 17.709 | 178  | 445777   | 39.528 | ng    | 99       |
| 73) Carbazole                 | 17.974 | 167  | 441971   | 40.043 | ng    | 98       |
| 74) Di-n-butylphthalate       | 18.514 | 149  | 487368   | 40.458 | ng    | 99       |
| 75) Fluoranthene              | 19.624 | 202  | 558864   | 38.855 | ng    | 99       |
| 77) Benzidine                 | 19.795 | 184  | 168104   | 38.395 | ng    | 97       |
| 78) Pyrene                    | 19.983 | 202  | 568420   | 40.292 | ng    | 98       |
| 80) Butylbenzylphthalate      | 20.852 | 149  | 212105   | 41.344 | ng    | 98       |
| 81) Benzo(a)anthracene        | 21.863 | 228  | 567838   | 40.156 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 21.763 | 252  | 194374   | 39.572 | ng    | 97       |
| 83) Chrysene                  | 21.933 | 228  | 527456   | 39.894 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.739 | 149  | 295529   | 41.209 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 23.020 | 149  | 496558   | 41.768 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 29.253 | 276  | 643877   | 40.470 | ng    | # 96     |
| 88) Benzo(b)fluoranthene      | 24.212 | 252  | 554677   | 40.466 | ng    | 96       |
| 89) Benzo(k)fluoranthene      | 24.289 | 252  | 555310   | 40.283 | ng    | 98       |
| 90) Benzo(a)pyrene            | 25.146 | 252  | 473948   | 40.866 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 29.323 | 278  | 532434   | 40.329 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 30.498 | 276  | 522314   | 40.533 | ng    | 96       |

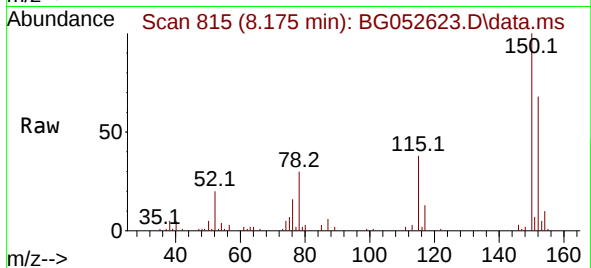
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.175 min Scan# 81  
Delta R.T. -0.001 min  
Lab File: BG052623.D  
Acq: 9 Mar 2022 22:16

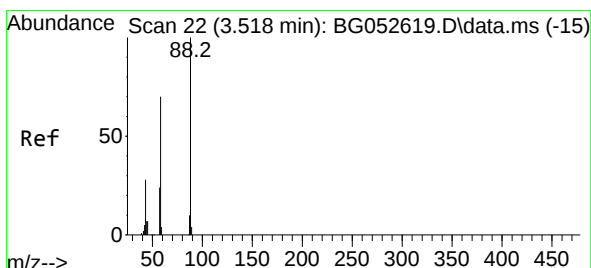
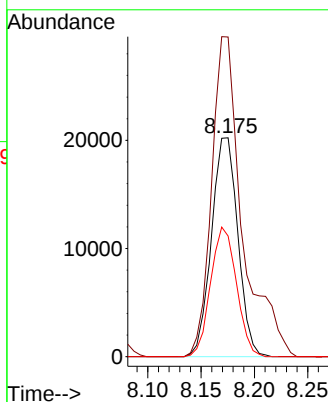
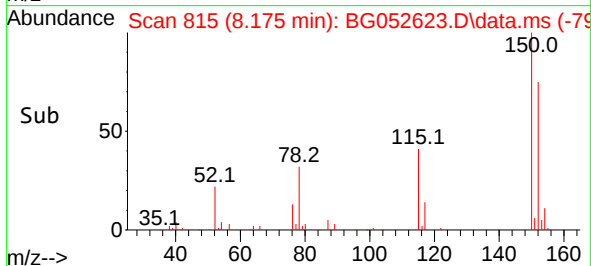
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG030922



Tgt Ion:152 Resp: 3476  
Ion Ratio Lower Upper  
152 100  
150 146.0 114.6 172.0  
115 55.1 45.9 68.9

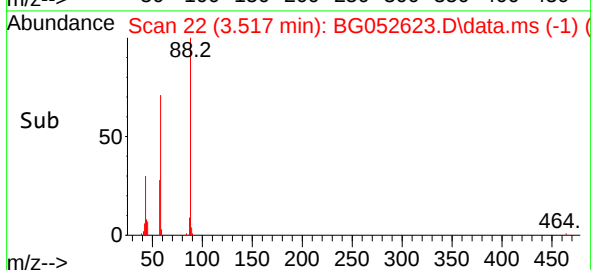
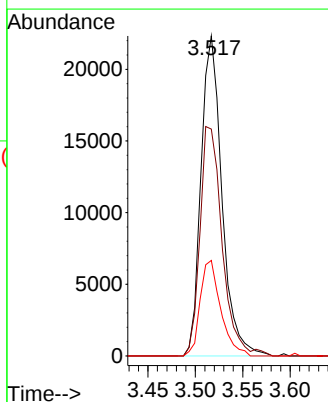
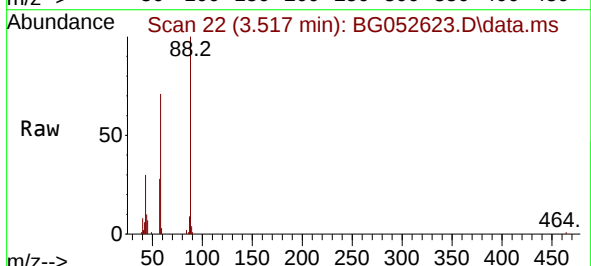
Manual Integrations  
APPROVED

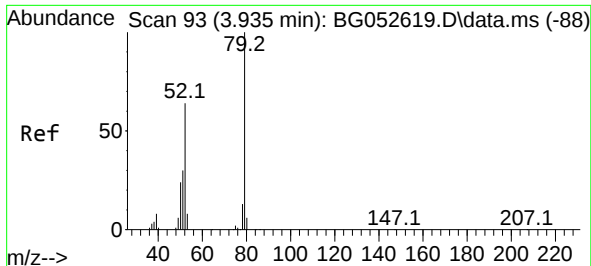
Reviewed By :Christian Giraldo 03/10/2022  
Supervised By :Jagrut Upadhyay 03/10/2022



#2  
1,4-Dioxane  
Concen: 37.020 ng  
RT: 3.517 min Scan# 22  
Delta R.T. -0.001 min  
Lab File: BG052623.D  
Acq: 9 Mar 2022 22:16

Tgt Ion: 88 Resp: 34272  
Ion Ratio Lower Upper  
88 100  
58 75.8 58.2 87.2  
43 29.3 23.4 35.0





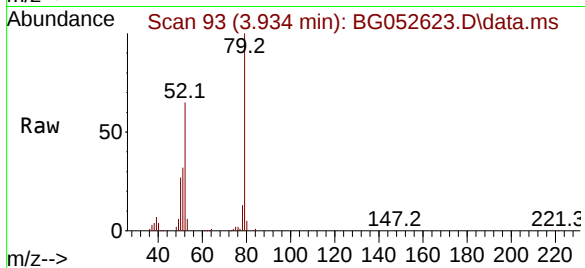
#3  
Pyridine  
Concen: 39.405 ng  
RT: 3.934 min Scan# 91  
Delta R.T. -0.001 min  
Lab File: BG052623.D  
Acq: 9 Mar 2022 22:16

Instrument :

BNA\_G

ClientSampleId :

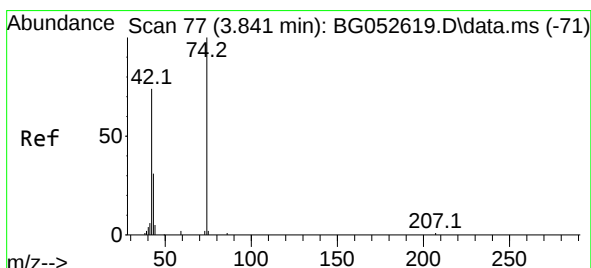
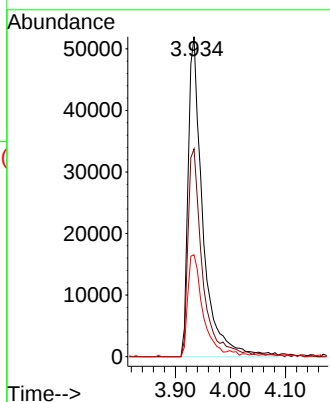
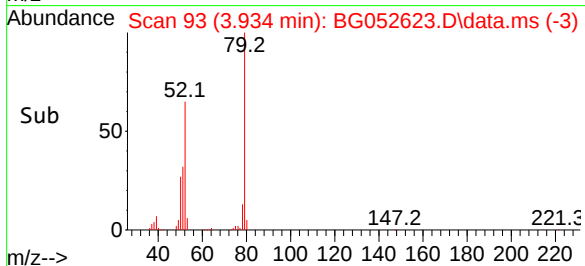
ICVBG030922



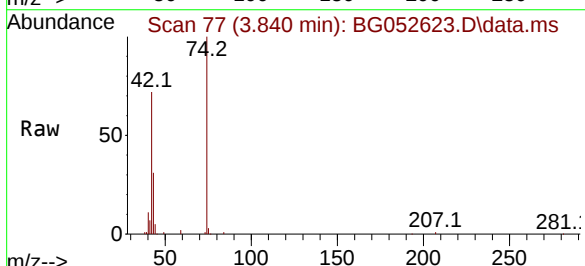
Tgt Ion: 79 Resp: 96490  
Ion Ratio Lower Upper  
79 100  
52 64.9 50.9 76.3  
51 31.8 24.4 36.6

Manual Integrations  
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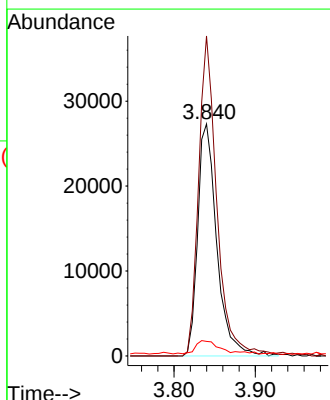
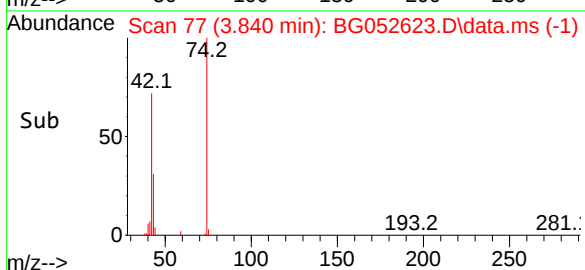
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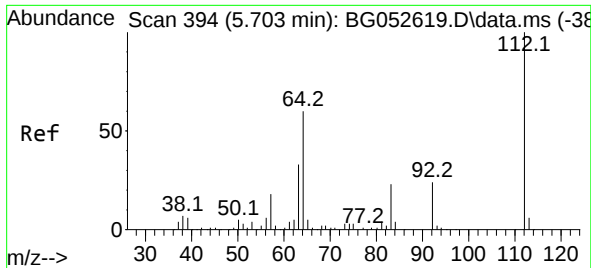


#4  
n-Nitrosodimethylamine  
Concen: 38.284 ng  
RT: 3.840 min Scan# 77  
Delta R.T. -0.001 min  
Lab File: BG052623.D  
Acq: 9 Mar 2022 22:16



Tgt Ion: 42 Resp: 44678  
Ion Ratio Lower Upper  
42 100  
74 138.0 108.9 163.3  
44 6.3 5.7 8.5





#5  
2-Fluorophenol  
Concen: 78.310 ng  
RT: 5.702 min Scan# 394  
Delta R.T. -0.001 min  
Lab File: BG052623.D  
Acq: 9 Mar 2022 22:16

Instrument :

BNA\_G

ClientSampleId :

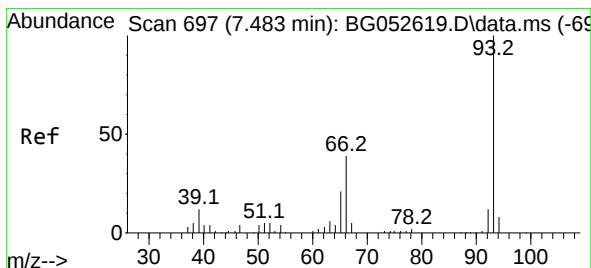
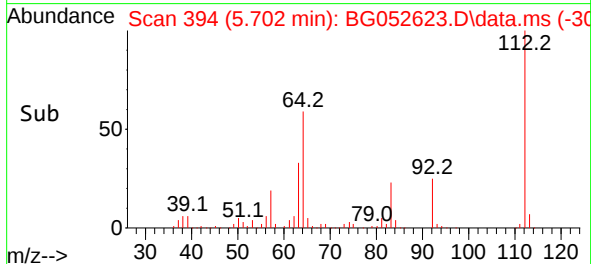
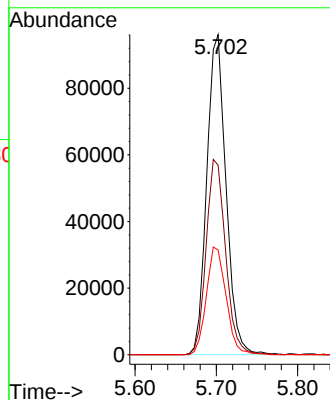
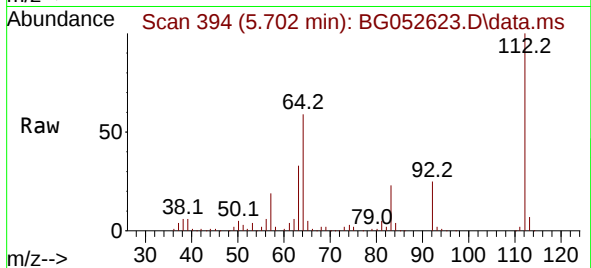
ICVBG030922

Tgt Ion:112 Resp: 157609  
Ion Ratio Lower Upper  
112 100  
64 59.2 48.0 72.0  
63 32.7 26.5 39.7

Manual Integrations

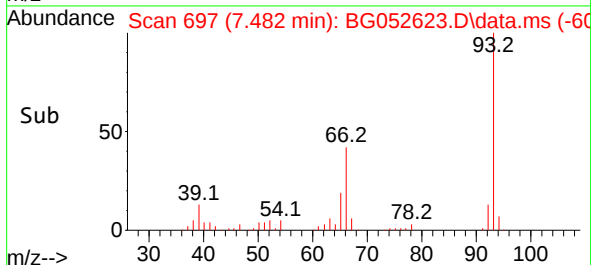
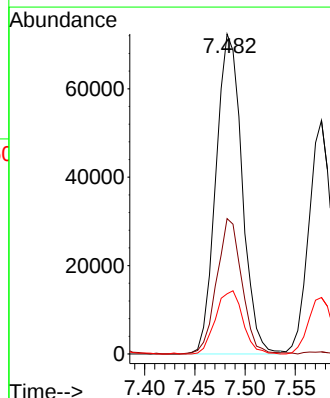
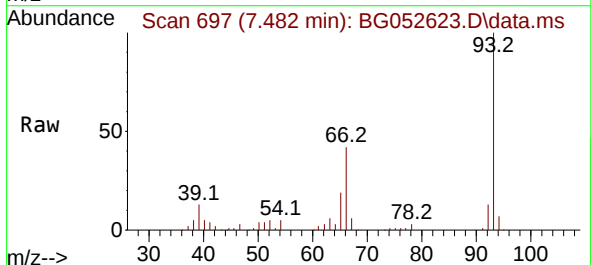
APPROVED

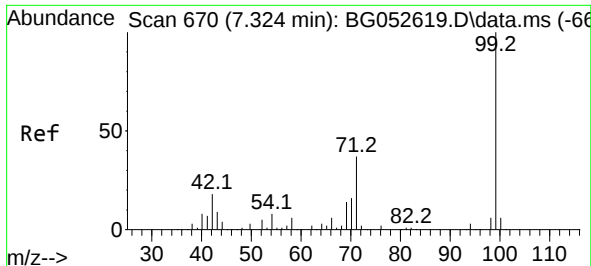
Reviewed By :Christian Giraldo 03/10/2022  
Supervised By :Jagrut Upadhyay 03/10/2022



#6  
Aniline  
Concen: 39.927 ng  
RT: 7.482 min Scan# 697  
Delta R.T. -0.001 min  
Lab File: BG052623.D  
Acq: 9 Mar 2022 22:16

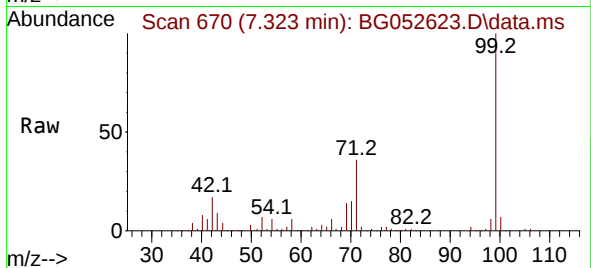
Tgt Ion: 93 Resp: 131218  
Ion Ratio Lower Upper  
93 100  
66 42.3 31.3 46.9  
65 18.8 16.7 25.1





#7  
Phenol-d6  
Concen: 79.390 ng  
RT: 7.323 min Scan# 61  
Delta R.T. -0.001 min  
Lab File: BG052623.D  
Acq: 9 Mar 2022 22:16

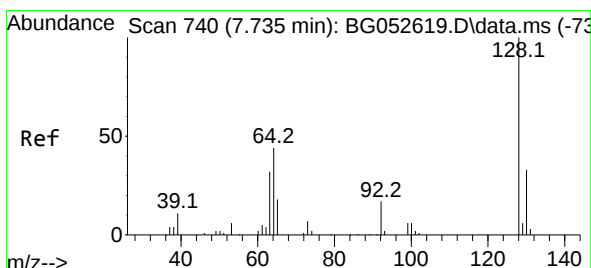
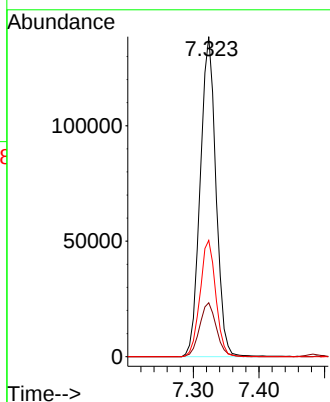
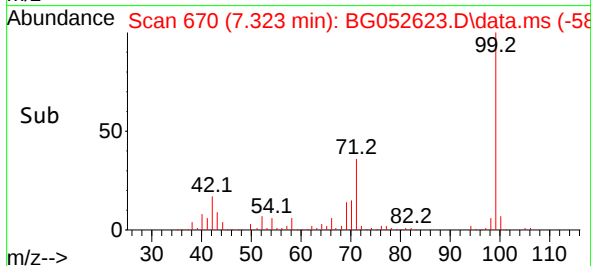
Instrument :  
BNA\_G  
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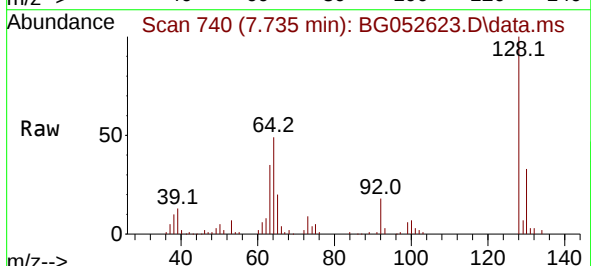
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Ion Ratio Lower Upper  
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71 36.4 29.2 43.8

Manual Integrations  
APPROVED

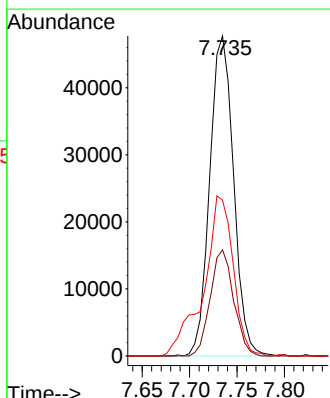
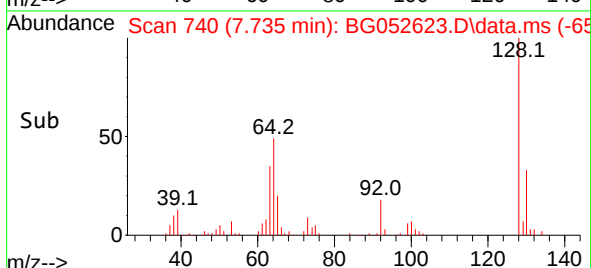
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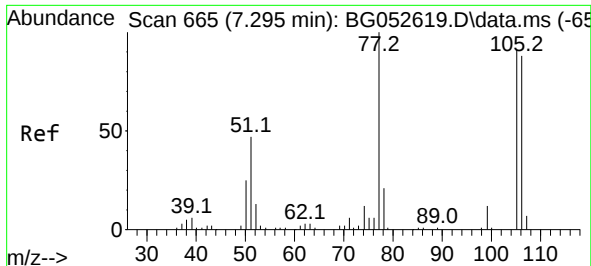


#8  
2-Chlorophenol  
Concen: 39.301 ng  
RT: 7.735 min Scan# 740  
Delta R.T. -0.001 min  
Lab File: BG052623.D  
Acq: 9 Mar 2022 22:16



Tgt Ion:128 Resp: 83458  
Ion Ratio Lower Upper  
128 100  
130 33.2 13.4 53.4  
64 48.7 30.9 70.9





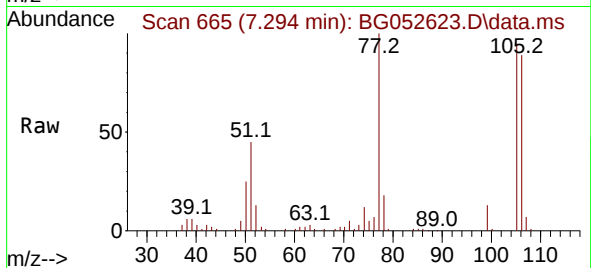
#9  
Benzaldehyde  
Concen: 37.774 ng  
RT: 7.294 min Scan# 609  
Delta R.T. -0.001 min  
Lab File: BG052623.D  
Acq: 9 Mar 2022 22:16

Instrument :

BNA\_G

ClientSampleId :

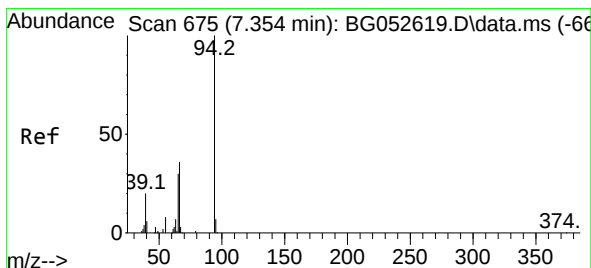
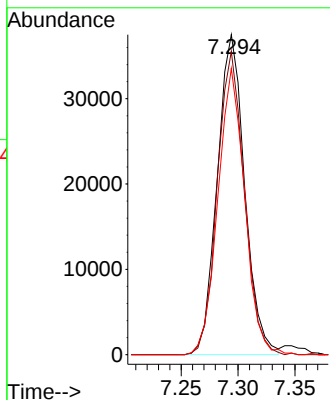
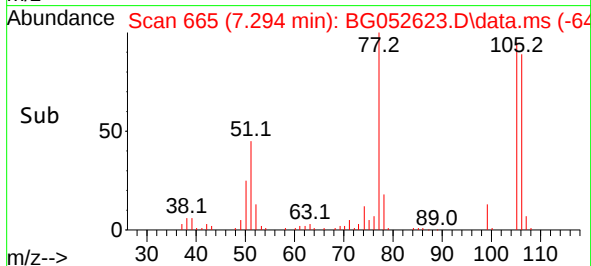
ICVBG030922



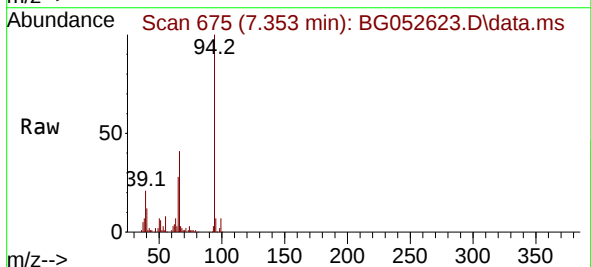
Tgt Ion: 77 Resp: 6295  
Ion Ratio Lower Upper  
77 100  
105 94.8 70.6 110.6  
106 89.4 67.6 107.6

Manual Integrations  
APPROVED

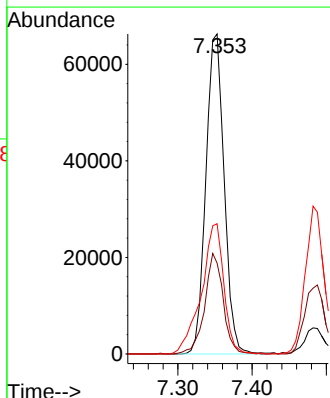
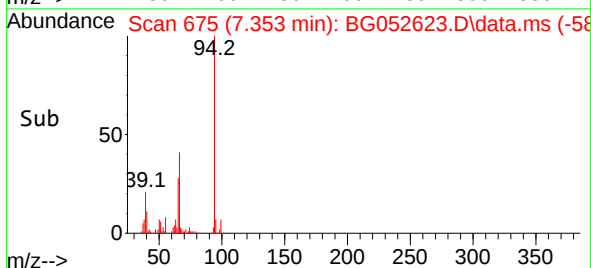
Reviewed By :Christian Giraldo 03/10/2022  
Supervised By :Jagrut Upadhyay 03/10/2022

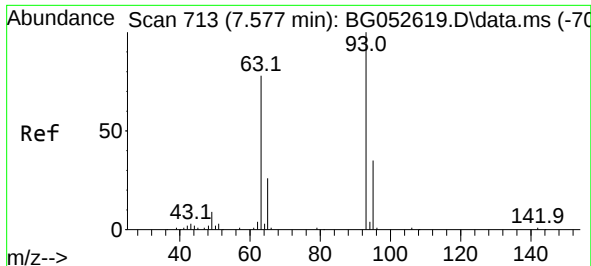


#10  
Phenol  
Concen: 39.363 ng  
RT: 7.353 min Scan# 675  
Delta R.T. -0.001 min  
Lab File: BG052623.D  
Acq: 9 Mar 2022 22:16



Tgt Ion: 94 Resp: 113405  
Ion Ratio Lower Upper  
94 100  
65 28.4 11.1 51.1  
66 40.7 20.0 60.0





#11

bis(2-Chloroethyl)ether

Concen: 37.827 ng

RT: 7.576 min Scan# 713

Delta R.T. -0.001 min

Lab File: BG052623.D

Acq: 9 Mar 2022 22:16

Instrument :

BNA\_G

ClientSampleId :

ICVBG030922

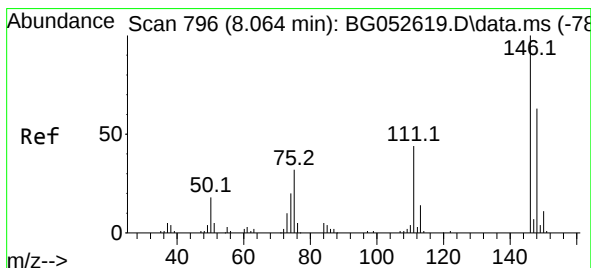
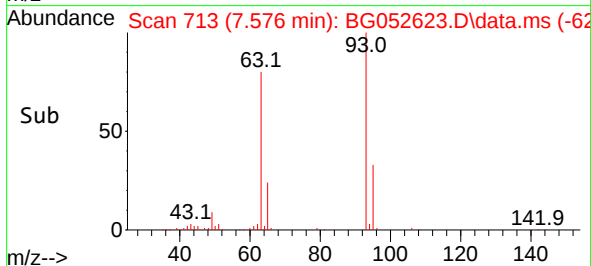
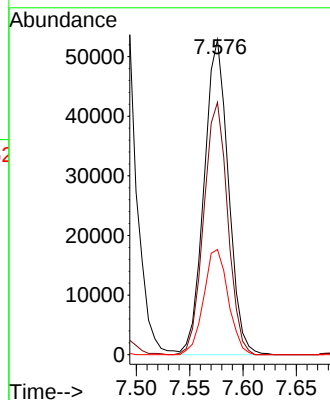
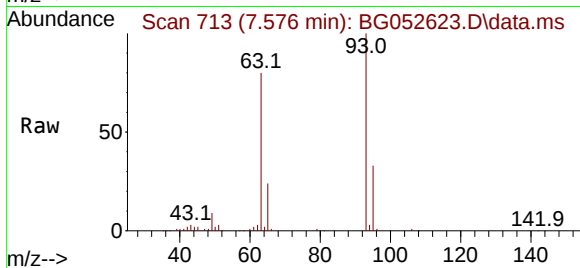
|             |             |
|-------------|-------------|
| Tgt Ion: 93 | Resp: 83704 |
| Ion Ratio   | Lower Upper |
| 93 100      |             |
| 63 80.1     | 56.9 96.9   |
| 95 33.4     | 14.5 54.5   |

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/10/2022

Supervised By :Jagrut Upadhyay 03/10/2022



#12

1,3-Dichlorobenzene

Concen: 38.452 ng

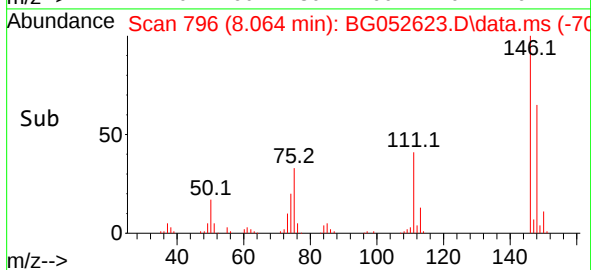
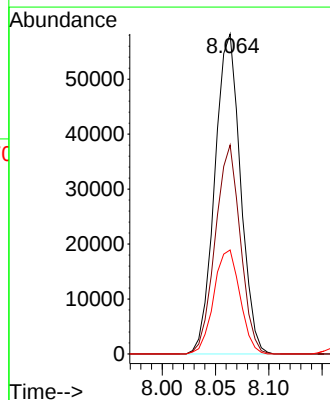
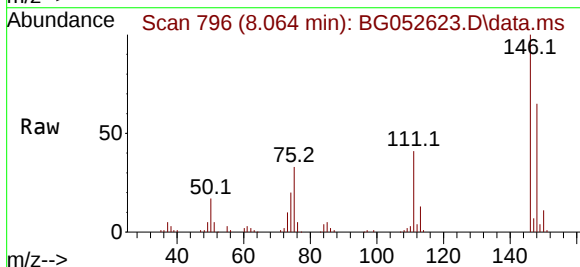
RT: 8.064 min Scan# 796

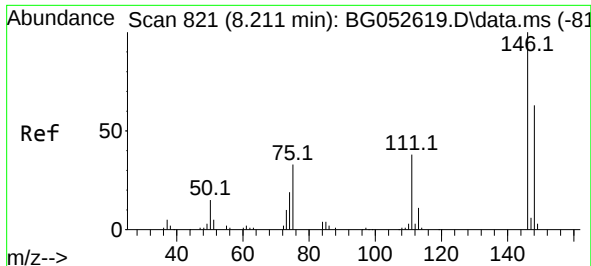
Delta R.T. -0.001 min

Lab File: BG052623.D

Acq: 9 Mar 2022 22:16

|             |             |
|-------------|-------------|
| Tgt Ion:146 | Resp: 97313 |
| Ion Ratio   | Lower Upper |
| 146 100     |             |
| 148 65.3    | 50.6 76.0   |
| 75 32.5     | 25.9 38.9   |





#13

1,4-Dichlorobenzene

Concen: 38.292 ng

RT: 8.205 min Scan# 81

Delta R.T. -0.007 min

Lab File: BG052623.D

Acq: 9 Mar 2022 22:16

Instrument :

BNA\_G

ClientSampleId :

ICVBG030922

Tgt Ion:146 Resp: 98744

Ion Ratio Lower Upper

146 100

148 62.5 50.0 75.0

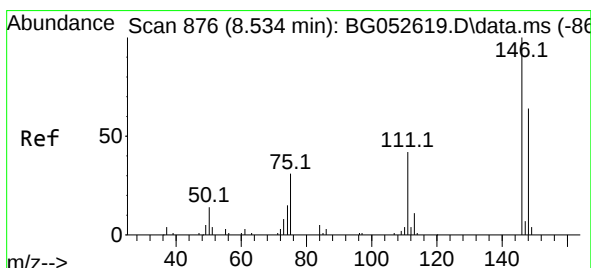
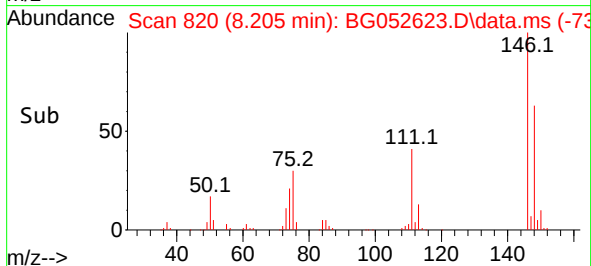
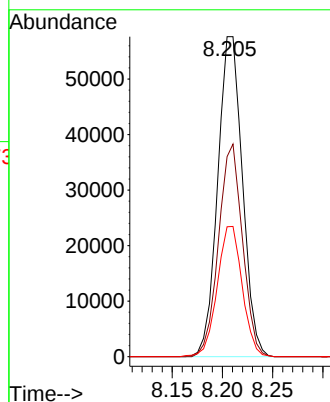
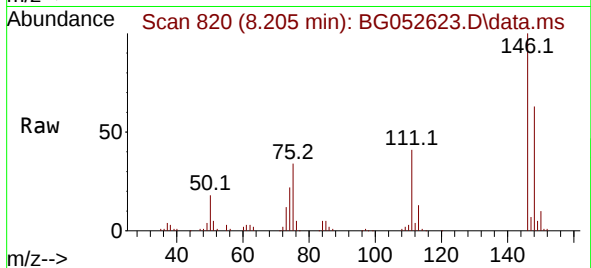
111 40.6 31.0 46.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/10/2022

Supervised By :Jagrut Upadhyay 03/10/2022



#14

1,2-Dichlorobenzene

Concen: 37.619 ng

RT: 8.534 min Scan# 876

Delta R.T. -0.001 min

Lab File: BG052623.D

Acq: 9 Mar 2022 22:16

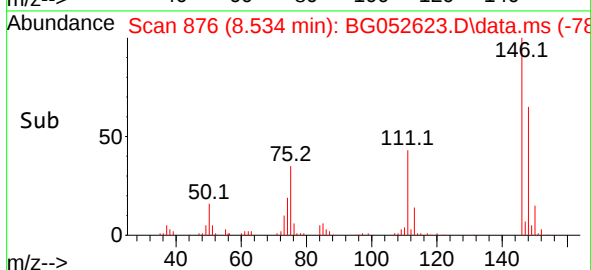
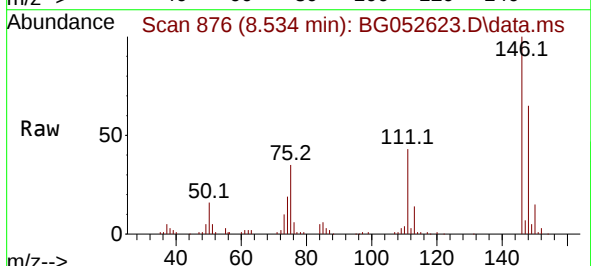
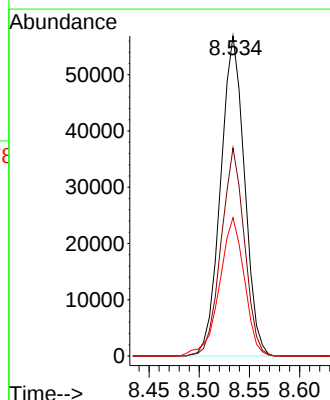
Tgt Ion:146 Resp: 93898

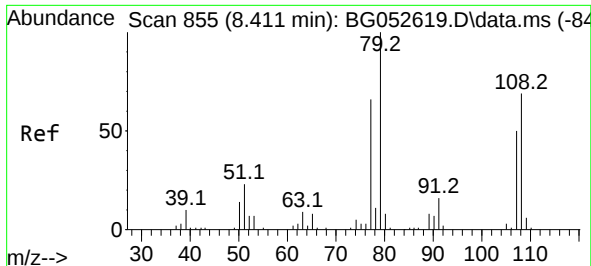
Ion Ratio Lower Upper

146 100

148 65.0 51.0 76.6

111 43.2 34.7 52.1





#15  
Benzyl Alcohol  
Concen: 40.263 ng  
RT: 8.410 min Scan# 855  
Delta R.T. -0.001 min  
Lab File: BG052623.D  
Acq: 9 Mar 2022 22:16

Instrument :

BNA\_G

ClientSampleId :

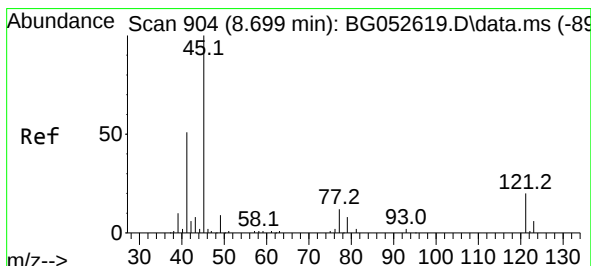
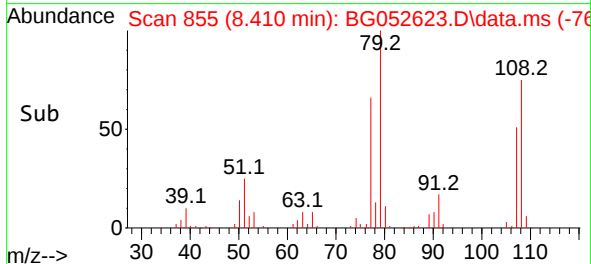
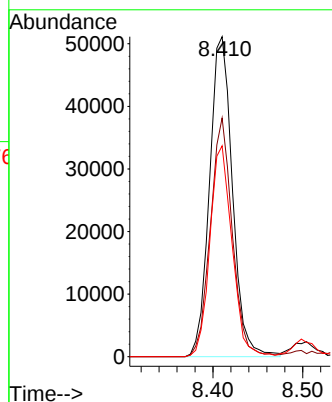
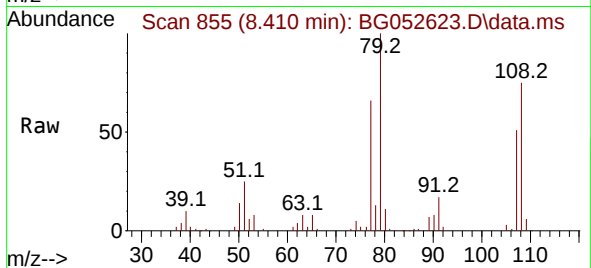
ICVBG030922

Tgt Ion: 79 Resp: 9068  
Ion Ratio Lower Upper  
79 100  
108 74.6 55.1 82.7  
77 65.9 52.4 78.6

Manual Integrations

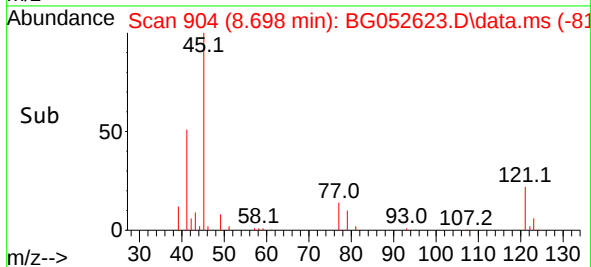
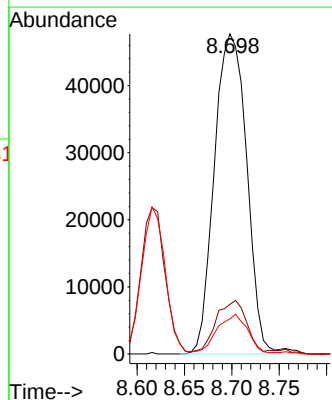
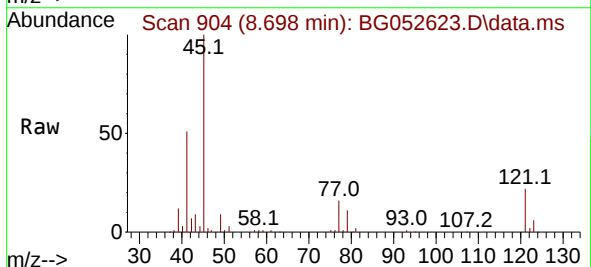
APPROVED

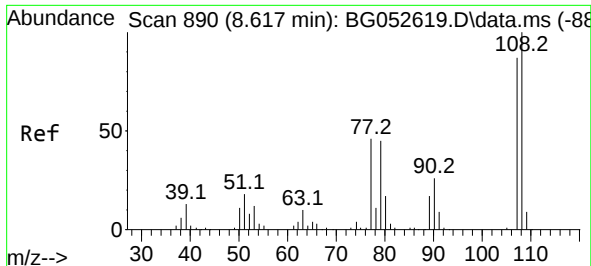
Reviewed By :Christian Giraldo 03/10/2022  
Supervised By :Jagrut Upadhyay 03/10/2022



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 37.843 ng  
RT: 8.698 min Scan# 904  
Delta R.T. -0.001 min  
Lab File: BG052623.D  
Acq: 9 Mar 2022 22:16

Tgt Ion: 45 Resp: 112940  
Ion Ratio Lower Upper  
45 100  
77 15.5 0.0 34.9  
79 11.0 0.0 30.7





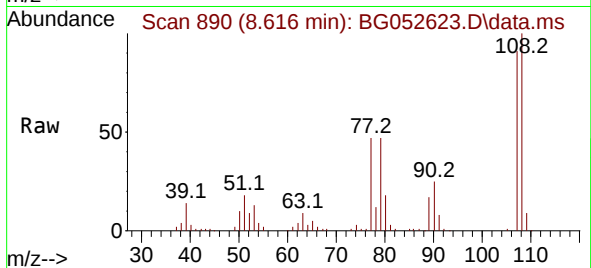
#17  
2-Methylphenol  
Concen: 38.851 ng  
RT: 8.616 min Scan# 890  
Delta R.T. -0.001 min  
Lab File: BG052623.D  
Acq: 9 Mar 2022 22:16

Instrument :

BNA\_G

ClientSampleId :

ICVBG030922

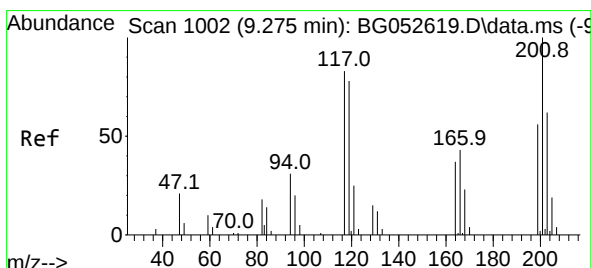
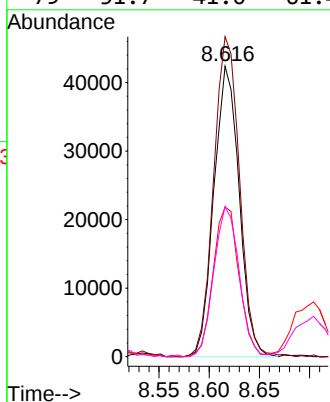
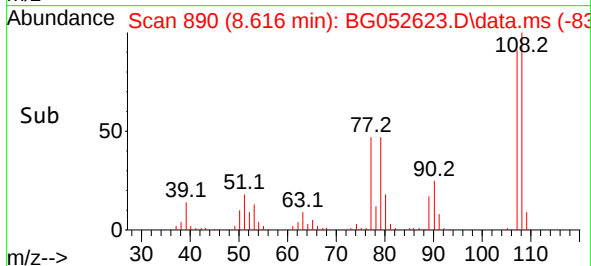


Tgt Ion:107 Resp: 74052  
Ion Ratio Lower Upper  
107 100  
108 110.2 91.5 137.3  
77 51.5 42.5 63.7  
79 51.7 41.0 61.4

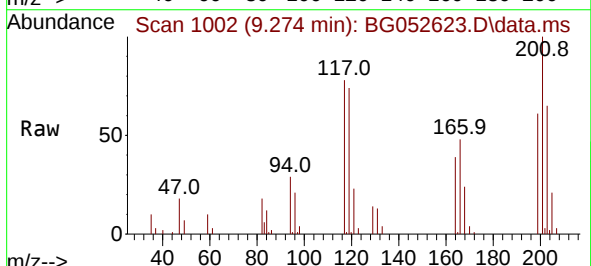
Manual Integrations

APPROVED

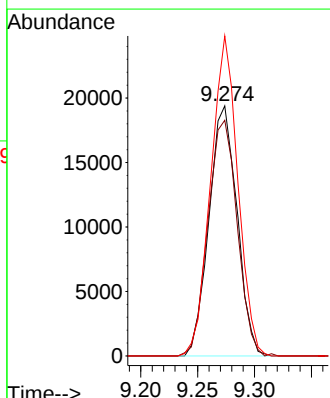
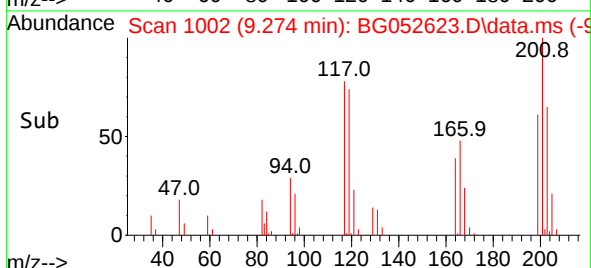
Reviewed By :Christian Giraldo 03/10/2022  
Supervised By :Jagrut Upadhyay 03/10/2022

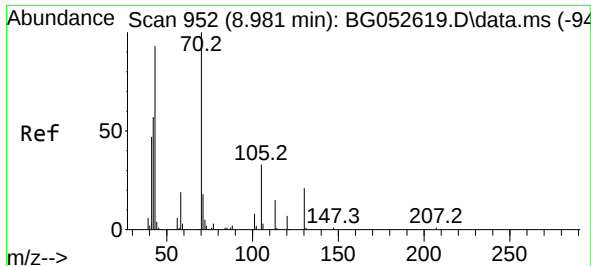


#18  
Hexachloroethane  
Concen: 38.089 ng  
RT: 9.274 min Scan# 1002  
Delta R.T. -0.001 min  
Lab File: BG052623.D  
Acq: 9 Mar 2022 22:16



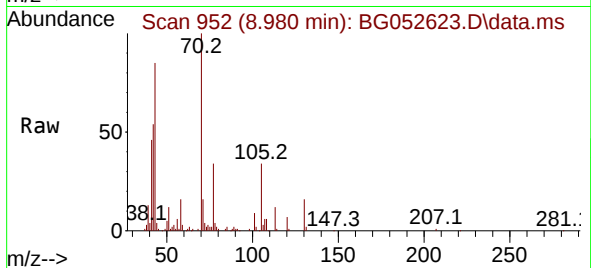
Tgt Ion:117 Resp: 33241  
Ion Ratio Lower Upper  
117 100  
119 94.2 75.1 112.7  
201 127.9 96.6 145.0





#19  
n-Nitroso-di-n-propylamine  
Concen: 39.250 ng  
RT: 8.980 min Scan# 91  
Delta R.T. -0.001 min  
Lab File: BG052623.D  
Acq: 9 Mar 2022 22:16

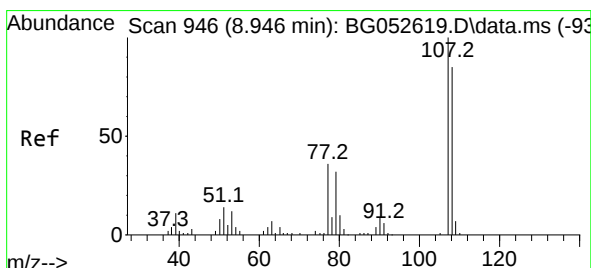
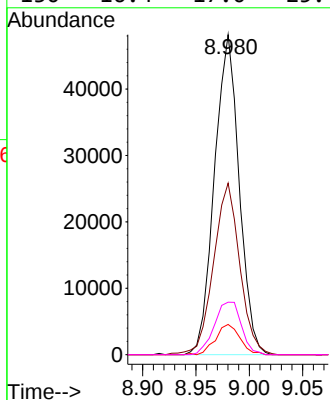
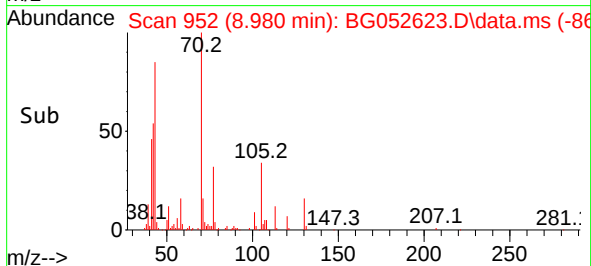
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG030922



Tgt Ion: 70 Resp: 7736  
Ion Ratio Lower Upper  
70 100  
42 53.6 46.0 69.0  
101 9.5 6.2 9.4  
130 16.4 17.0 25.4

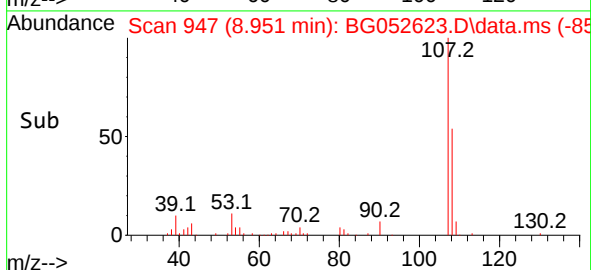
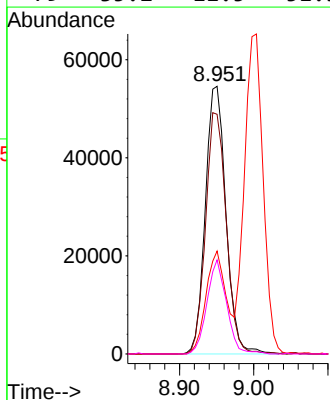
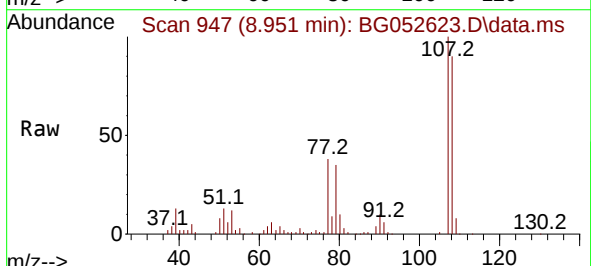
Manual Integrations  
APPROVED

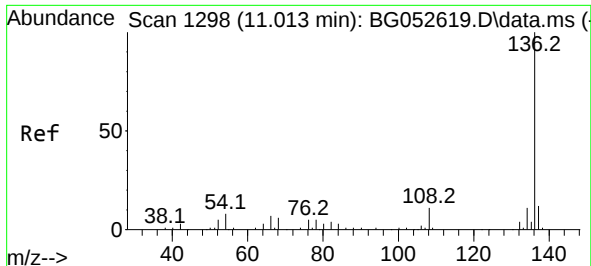
Reviewed By :Christian Giraldo 03/10/2022  
Supervised By :Jagrut Upadhyay 03/10/2022



#20  
3+4-Methylphenols  
Concen: 39.956 ng  
RT: 8.951 min Scan# 947  
Delta R.T. 0.005 min  
Lab File: BG052623.D  
Acq: 9 Mar 2022 22:16

Tgt Ion:107 Resp: 105323  
Ion Ratio Lower Upper  
107 100  
108 89.5 64.8 104.8  
77 38.4 15.9 55.9  
79 35.2 11.5 51.5





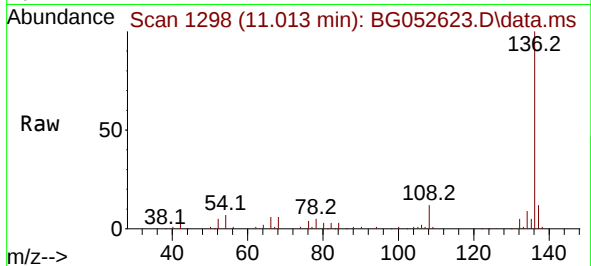
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.013 min Scan# 1298  
Delta R.T. -0.000 min  
Lab File: BG052623.D  
Acq: 9 Mar 2022 22:16

Instrument :

BNA\_G

ClientSampleId :

ICVBG030922

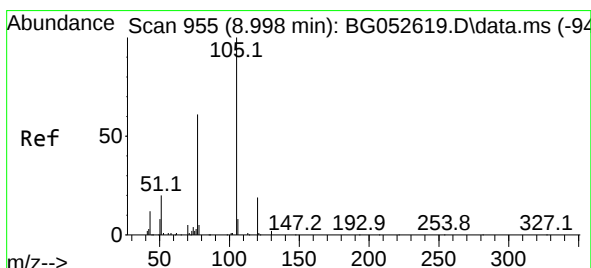
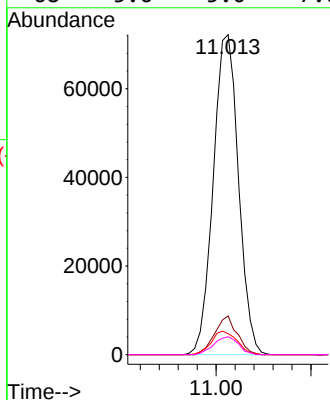
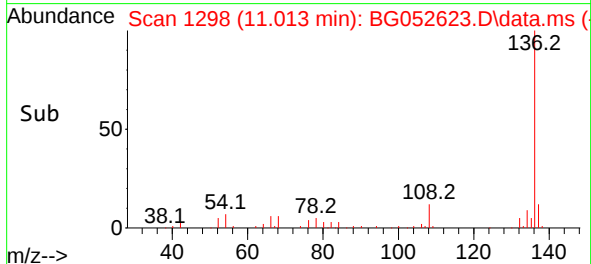


Tgt Ion:136 Resp: 133408  
Ion Ratio Lower Upper  
136 100  
137 12.1 9.4 14.2  
54 6.6 6.4 9.6  
68 5.6 5.0 7.6

Manual Integrations

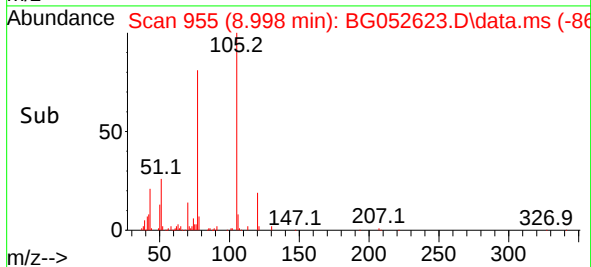
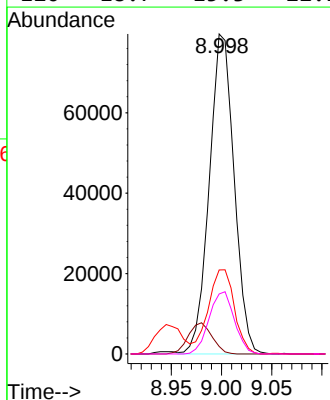
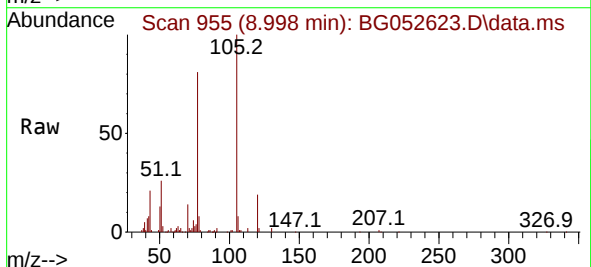
APPROVED

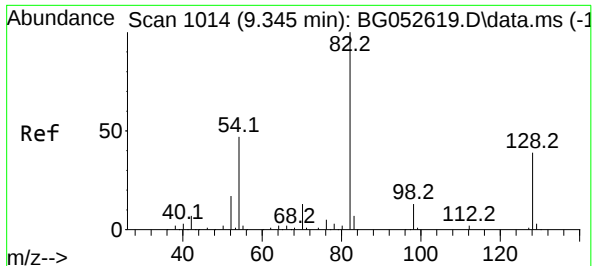
Reviewed By :Christian Giraldo 03/10/2022  
Supervised By :Jagrut Upadhyay 03/10/2022



#22  
Acetophenone  
Concen: 39.799 ng  
RT: 8.998 min Scan# 955  
Delta R.T. -0.001 min  
Lab File: BG052623.D  
Acq: 9 Mar 2022 22:16

Tgt Ion:105 Resp: 137136  
Ion Ratio Lower Upper  
105 100  
71 2.4 2.1 3.1  
51 26.3 21.9 32.9  
120 18.7 15.3 22.9





#23  
Nitrobenzene-d5  
Concen: 80.332 ng  
RT: 9.350 min Scan# 1015  
Delta R.T. 0.005 min  
Lab File: BG052623.D  
Acq: 9 Mar 2022 22:16

Instrument :

BNA\_G

ClientSampleId :

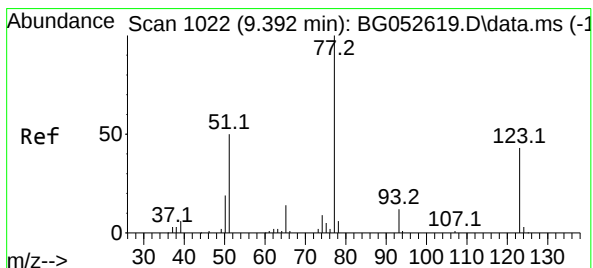
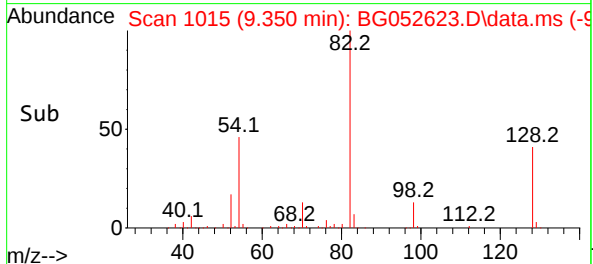
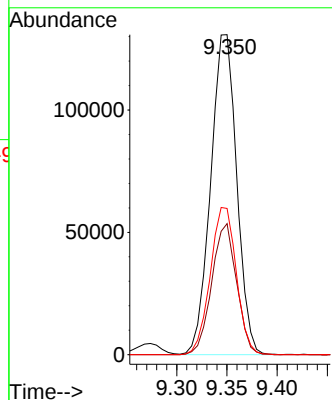
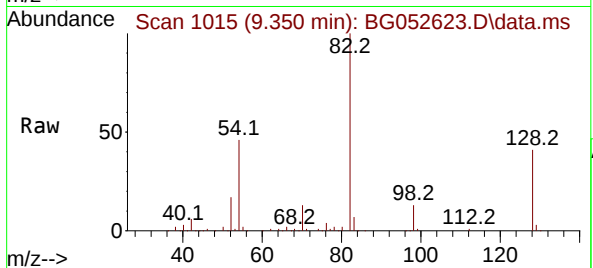
ICVBG030922

Tgt Ion: 82 Resp: 236408  
Ion Ratio Lower Upper  
82 100  
128 41.0 31.3 46.9  
54 45.7 37.8 56.8

Manual Integrations

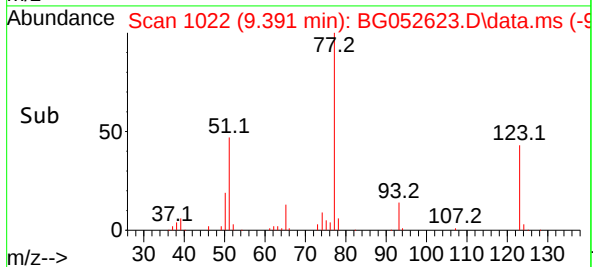
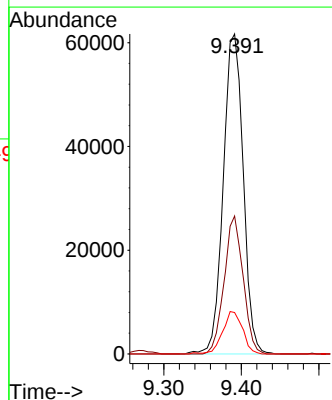
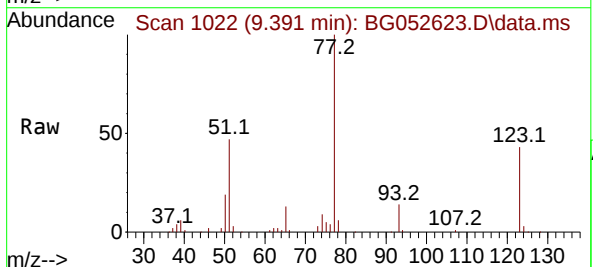
APPROVED

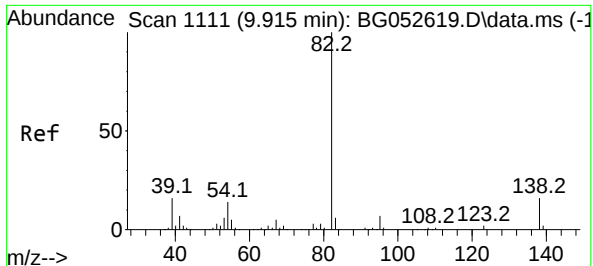
Reviewed By :Christian Giraldo 03/10/2022  
Supervised By :Jagrut Upadhyay 03/10/2022



#24  
Nitrobenzene  
Concen: 40.133 ng  
RT: 9.391 min Scan# 1022  
Delta R.T. -0.001 min  
Lab File: BG052623.D  
Acq: 9 Mar 2022 22:16

Tgt Ion: 77 Resp: 110452  
Ion Ratio Lower Upper  
77 100  
123 43.1 34.4 51.6  
65 13.0 11.2 16.8





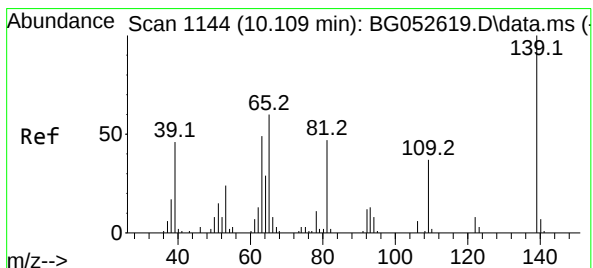
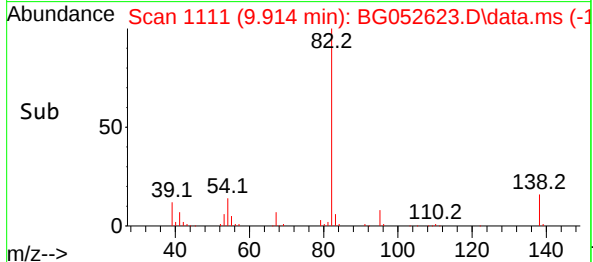
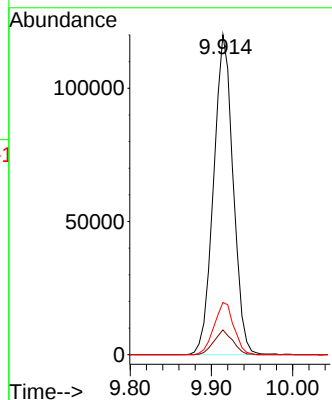
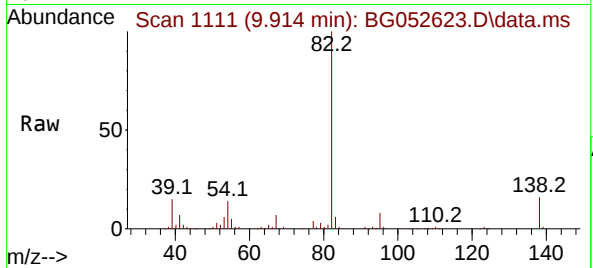
#25  
Isophorone  
Concen: 41.025 ng  
RT: 9.914 min Scan# 1111  
Delta R.T. -0.001 min  
Lab File: BG052623.D  
Acq: 9 Mar 2022 22:16

Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG030922

Tgt Ion: 82 Resp: 200760  
Ion Ratio Lower Upper  
82 100  
95 7.7 5.8 8.6  
138 16.3 12.6 18.8

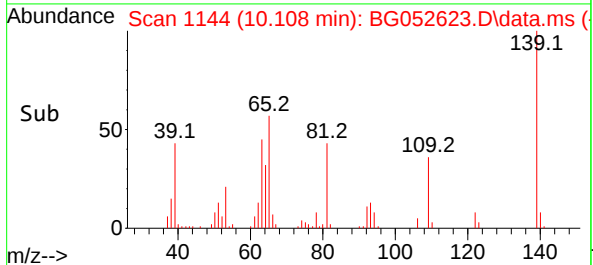
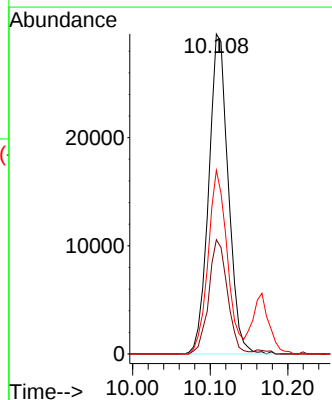
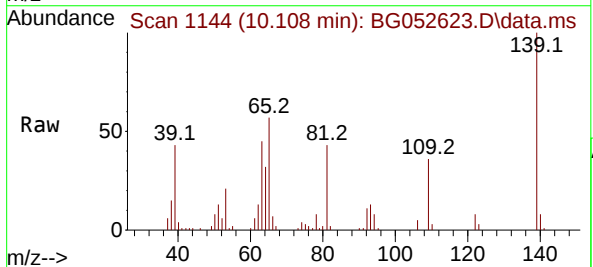
Manual Integrations  
APPROVED

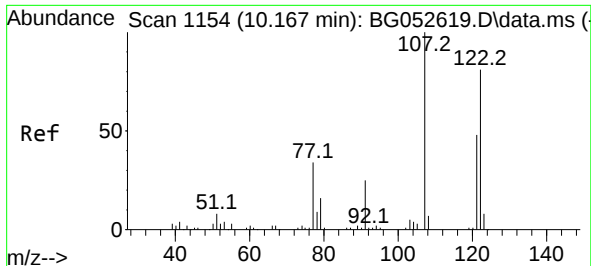
Reviewed By :Christian Giraldo 03/10/2022  
Supervised By :Jagrut Upadhyay 03/10/2022



#26  
2-Nitrophenol  
Concen: 41.520 ng  
RT: 10.108 min Scan# 1144  
Delta R.T. -0.001 min  
Lab File: BG052623.D  
Acq: 9 Mar 2022 22:16

Tgt Ion:139 Resp: 51873  
Ion Ratio Lower Upper  
139 100  
109 35.7 29.4 44.0  
65 57.4 48.2 72.2





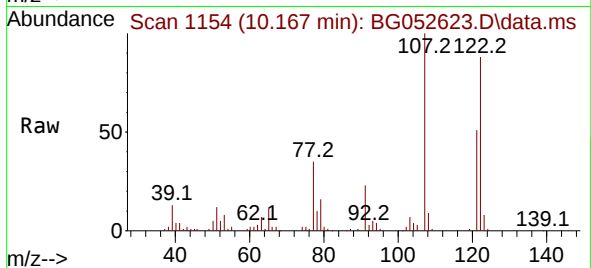
#27  
2,4-Dimethylphenol  
Concen: 42.380 ng  
RT: 10.167 min Scan# 1154  
Delta R.T. -0.001 min  
Lab File: BG052623.D  
Acq: 9 Mar 2022 22:16

Instrument :

BNA\_G

ClientSampleId :

ICVBG030922

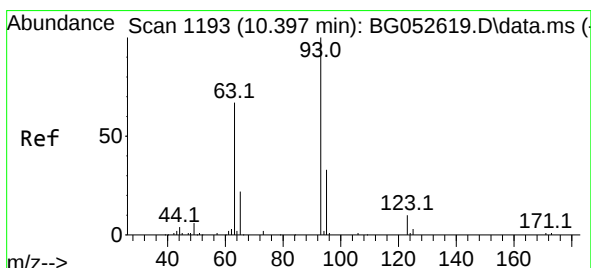
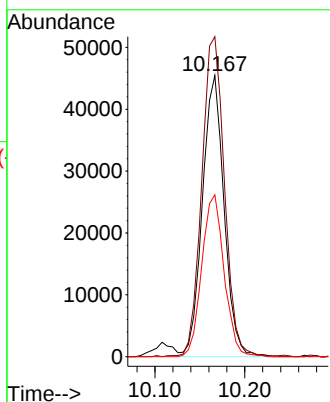
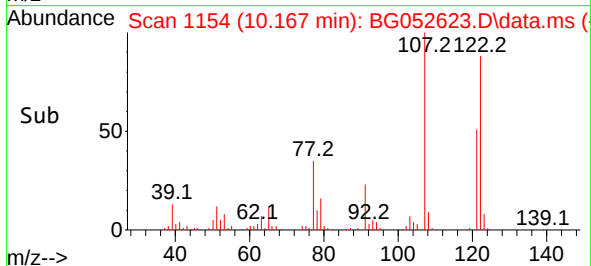


Tgt Ion:122 Resp: 76244  
Ion Ratio Lower Upper  
122 100  
107 113.9 96.7 145.1  
121 57.6 46.3 69.5

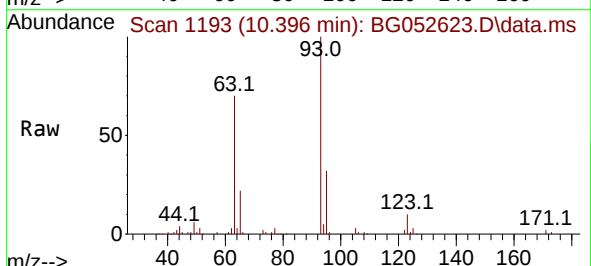
Manual Integrations

APPROVED

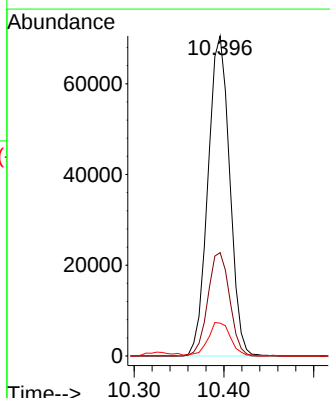
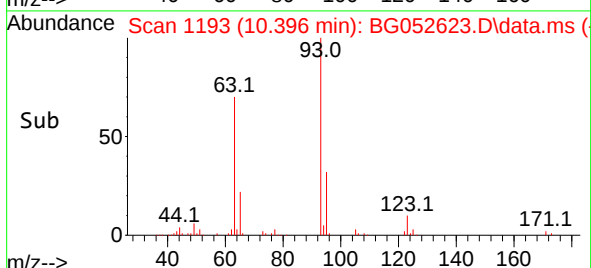
Reviewed By :Christian Giraldo 03/10/2022  
Supervised By :Jagrut Upadhyay 03/10/2022

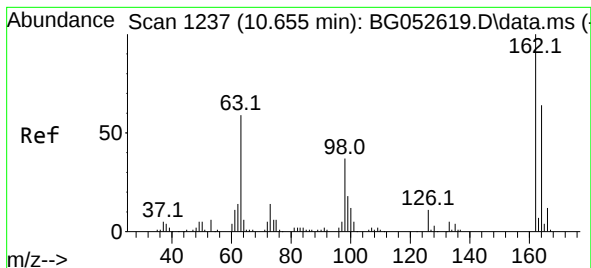


#28  
bis(2-Chloroethoxy)methane  
Concen: 40.074 ng  
RT: 10.396 min Scan# 1193  
Delta R.T. -0.001 min  
Lab File: BG052623.D  
Acq: 9 Mar 2022 22:16



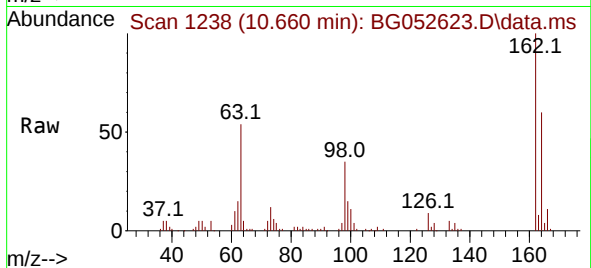
Tgt Ion: 93 Resp: 118183  
Ion Ratio Lower Upper  
93 100  
95 32.3 26.5 39.7  
123 10.2 8.6 12.8





#29  
2,4-Dichlorophenol  
Concen: 41.599 ng  
RT: 10.660 min Scan# 1238  
Delta R.T. 0.005 min  
Lab File: BG052623.D  
Acq: 9 Mar 2022 22:16

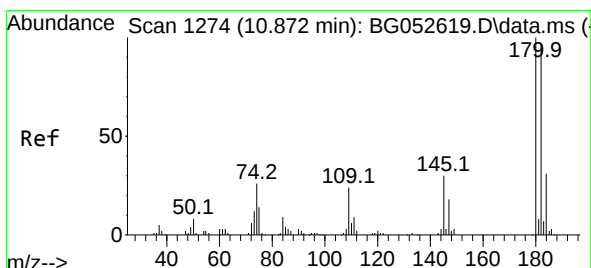
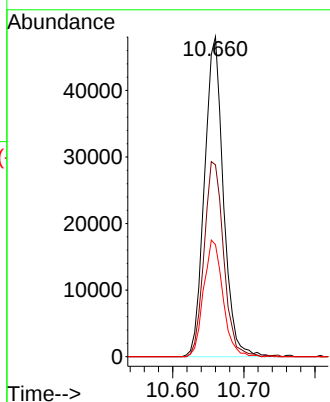
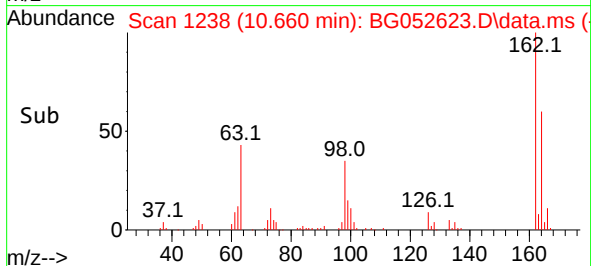
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG030922



Tgt Ion:162 Resp: 89044  
Ion Ratio Lower Upper  
162 100  
164 60.0 44.0 84.0  
98 35.0 17.3 57.3

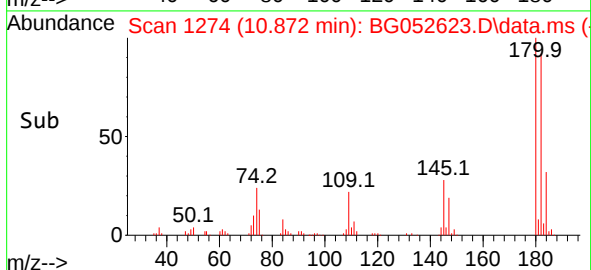
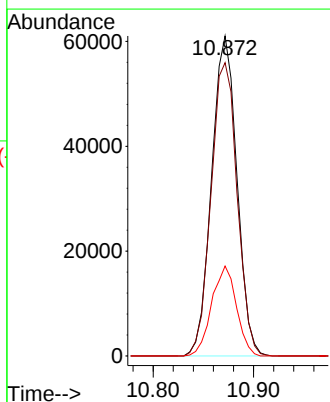
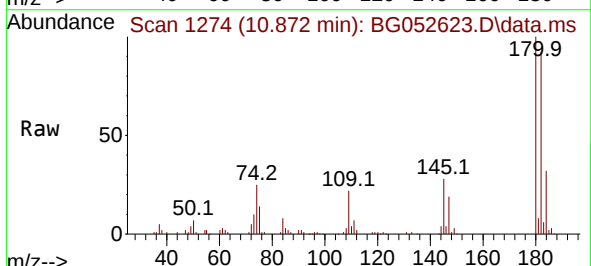
Manual Integrations  
APPROVED

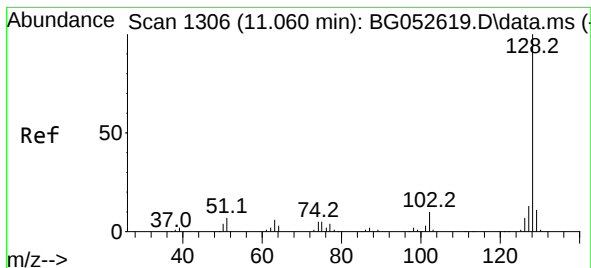
Reviewed By :Christian Giraldo 03/10/2022  
Supervised By :Jagrut Upadhyay 03/10/2022



#30  
1,2,4-Trichlorobenzene  
Concen: 40.284 ng  
RT: 10.872 min Scan# 1274  
Delta R.T. -0.001 min  
Lab File: BG052623.D  
Acq: 9 Mar 2022 22:16

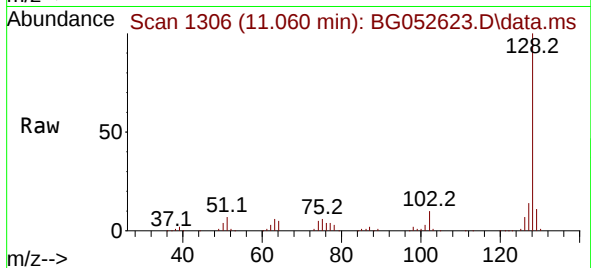
Tgt Ion:180 Resp: 106693  
Ion Ratio Lower Upper  
180 100  
182 91.7 77.8 116.6  
145 28.1 24.4 36.6





#31  
Naphthalene  
Concen: 40.093 ng  
RT: 11.060 min Scan# 1106  
Delta R.T. -0.001 min  
Lab File: BG052623.D  
Acq: 9 Mar 2022 22:16

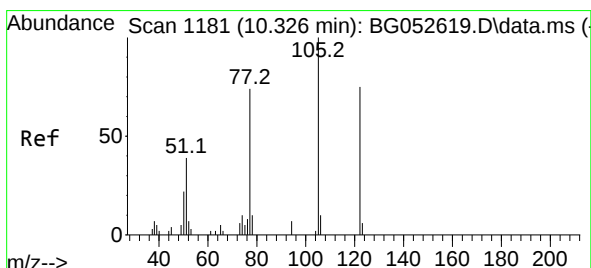
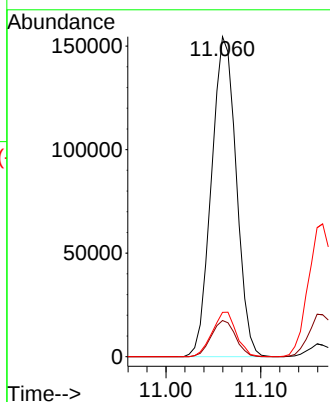
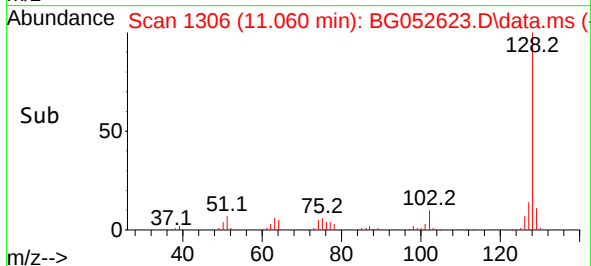
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG030922



Tgt Ion:128 Resp: 281464  
Ion Ratio Lower Upper  
128 100  
129 11.3 8.8 13.2  
127 13.8 10.5 15.7

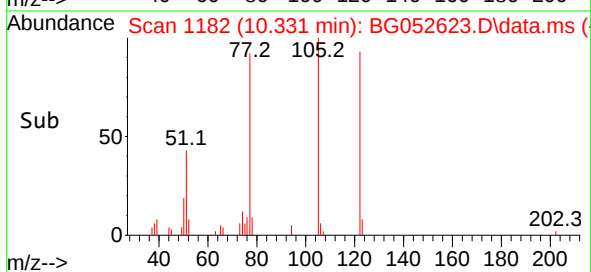
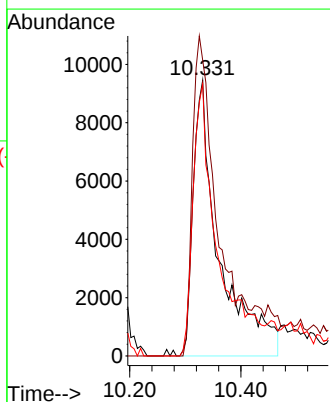
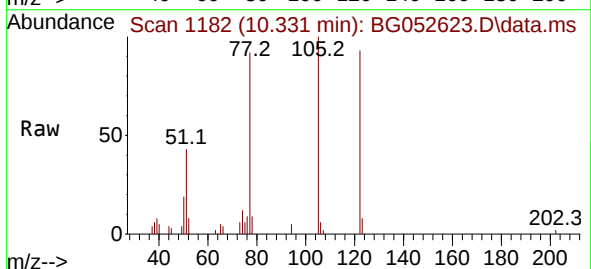
Manual Integrations  
APPROVED

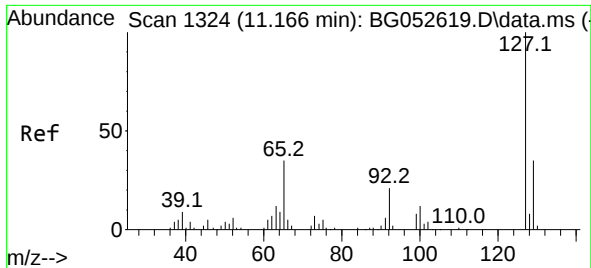
Reviewed By :Christian Giraldo 03/10/2022  
Supervised By :Jagrut Upadhyay 03/10/2022



#32  
Benzoic acid  
Concen: 29.443 ng m  
RT: 10.331 min Scan# 1182  
Delta R.T. 0.005 min  
Lab File: BG052623.D  
Acq: 9 Mar 2022 22:16

Tgt Ion:122 Resp: 30771  
Ion Ratio Lower Upper  
122 100  
105 107.3 112.8 152.8#  
77 98.8 78.4 118.4





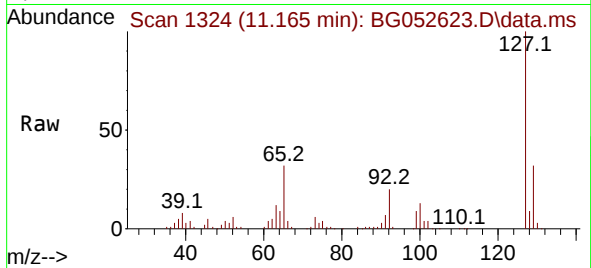
#33  
4-Chloroaniline  
Concen: 42.130 ng  
RT: 11.165 min Scan# 11966  
Delta R.T. -0.001 min  
Lab File: BG052623.D  
Acq: 9 Mar 2022 22:16

Instrument :

BNA\_G

ClientSampleId :

ICVBG030922

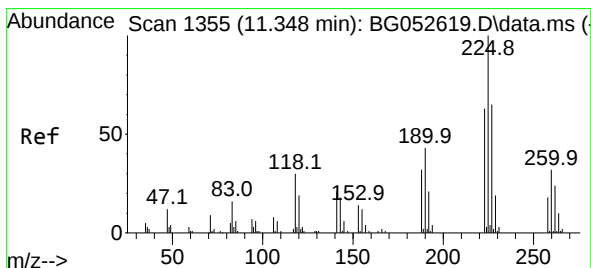
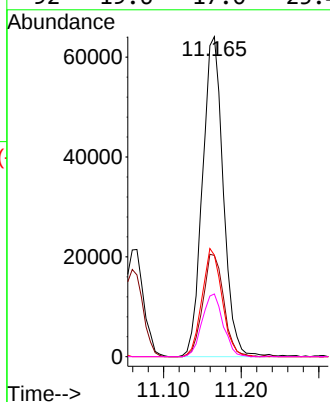
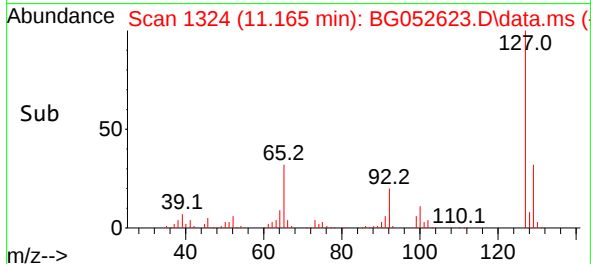


Tgt Ion:127 Resp: 11966  
Ion Ratio Lower Upper  
127 100  
129 31.6 27.6 41.4  
65 31.8 28.2 42.4  
92 19.6 17.0 25.4

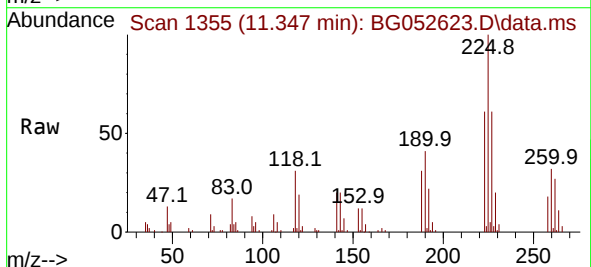
Manual Integrations

APPROVED

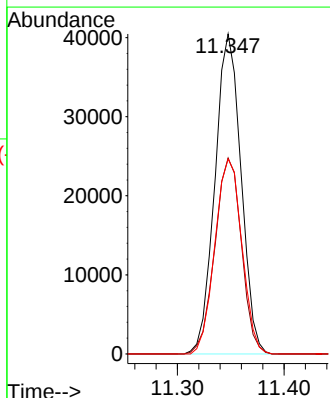
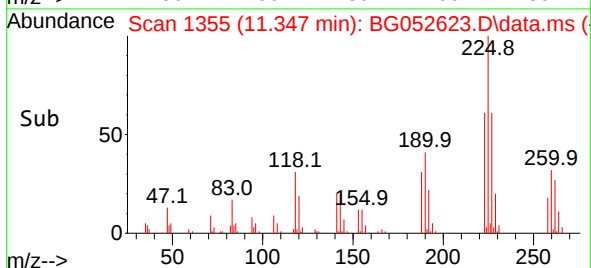
Reviewed By :Christian Giraldo 03/10/2022  
Supervised By :Jagrut Upadhyay 03/10/2022

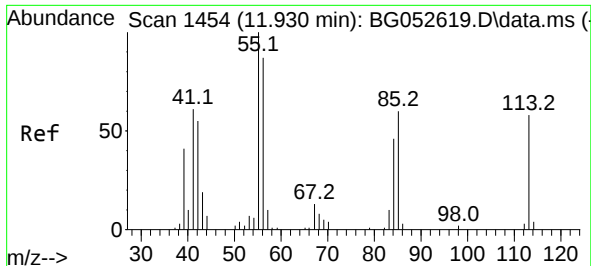


#34  
Hexachlorobutadiene  
Concen: 39.730 ng  
RT: 11.347 min Scan# 1355  
Delta R.T. -0.001 min  
Lab File: BG052623.D  
Acq: 9 Mar 2022 22:16



Tgt Ion:225 Resp: 68751  
Ion Ratio Lower Upper  
225 100  
223 61.3 50.2 75.2  
227 60.9 52.0 78.0





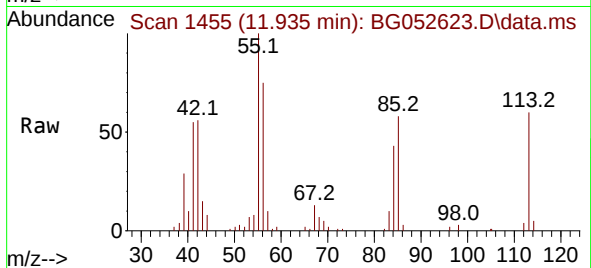
#35  
Caprolactam  
Concen: 43.992 ng  
RT: 11.935 min Scan# 1454  
Delta R.T. 0.005 min  
Lab File: BG052623.D  
Acq: 9 Mar 2022 22:16

Instrument :

BNA\_G

ClientSampleId :

ICVBG030922

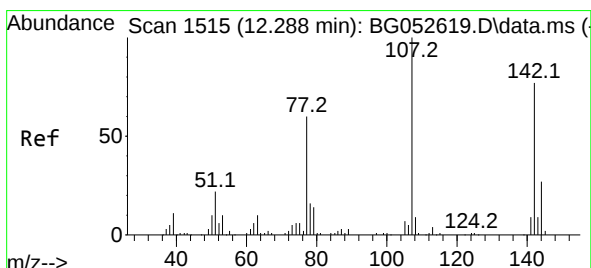
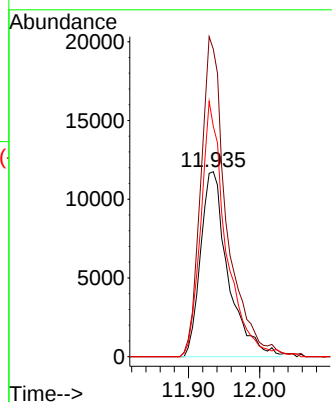
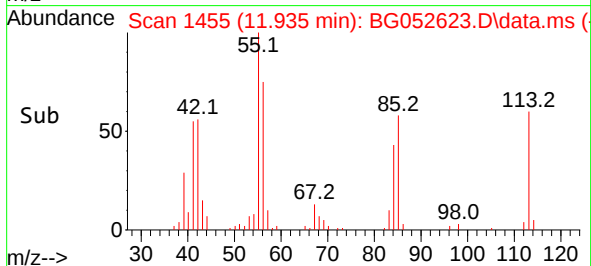


Tgt Ion:113 Resp: 3161  
Ion Ratio Lower Upper  
113 100  
55 166.2 151.3 191.3  
56 124.5 128.5 168.5

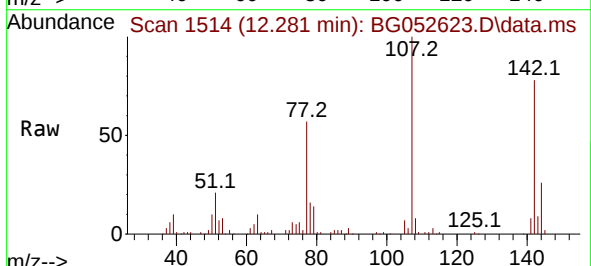
Manual Integrations

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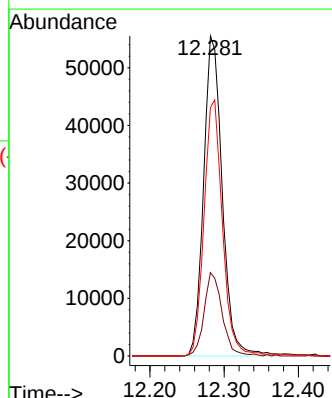
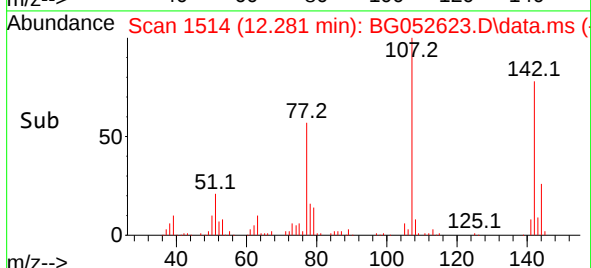
Reviewed By :Christian Giraldo 03/10/2022  
Supervised By :Jagrut Upadhyay 03/10/2022

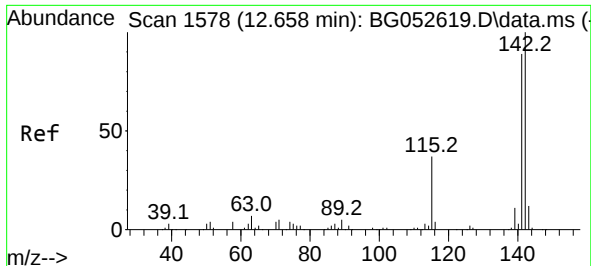


#36  
4-Chloro-3-methylphenol  
Concen: 41.405 ng  
RT: 12.281 min Scan# 1514  
Delta R.T. -0.007 min  
Lab File: BG052623.D  
Acq: 9 Mar 2022 22:16



Tgt Ion:107 Resp: 97070  
Ion Ratio Lower Upper  
107 100  
144 26.1 21.4 32.0  
142 77.7 61.7 92.5





#37

2-Methylnaphthalene

Concen: 40.891 ng

RT: 12.657 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG052623.D

Acq: 9 Mar 2022 22:16

Instrument :

BNA\_G

ClientSampleId :

ICVBG030922

Tgt Ion:142 Resp: 207399

Ion Ratio Lower Upper

142 100

141 90.9 71.3 106.9

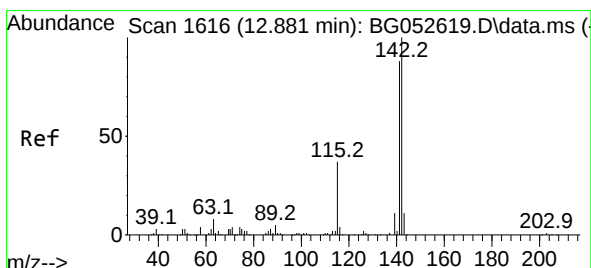
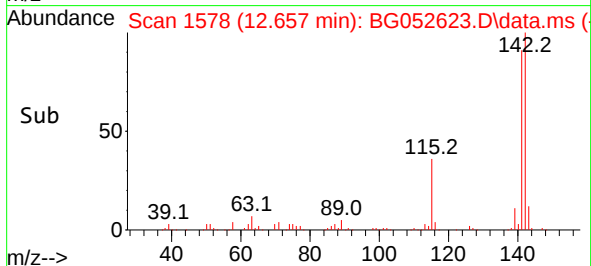
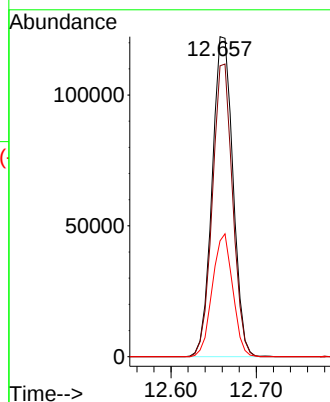
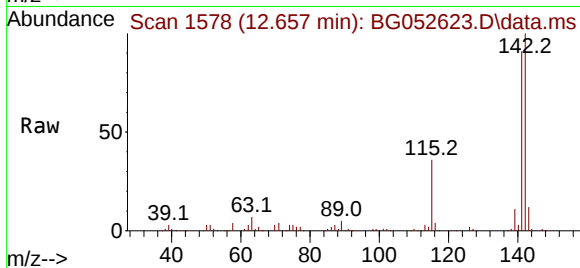
115 36.2 29.5 44.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/10/2022

Supervised By :Jagrut Upadhyay 03/10/2022



#38

1-Methylnaphthalene

Concen: 40.810 ng

RT: 12.881 min Scan# 1616

Delta R.T. -0.001 min

Lab File: BG052623.D

Acq: 9 Mar 2022 22:16

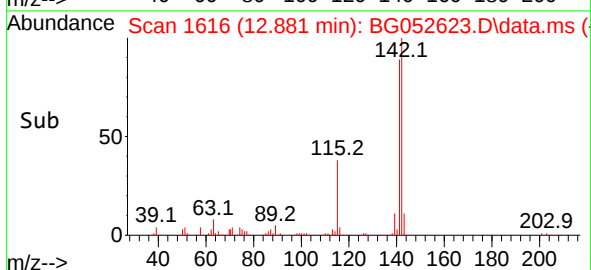
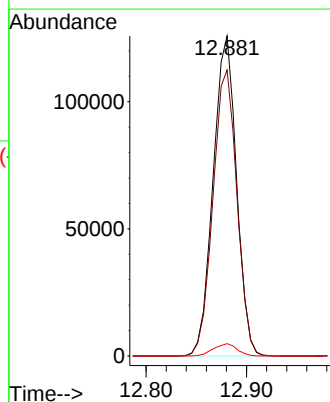
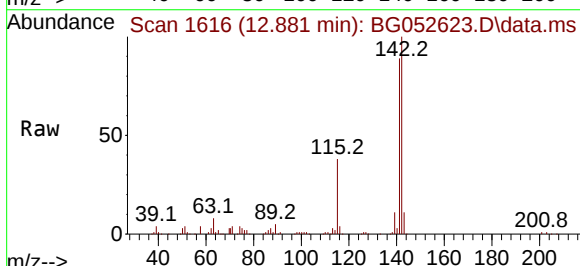
Tgt Ion:142 Resp: 203251

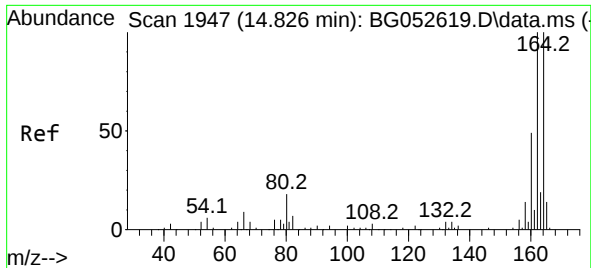
Ion Ratio Lower Upper

142 100

141 89.3 70.5 105.7

116 3.9 3.1 4.7





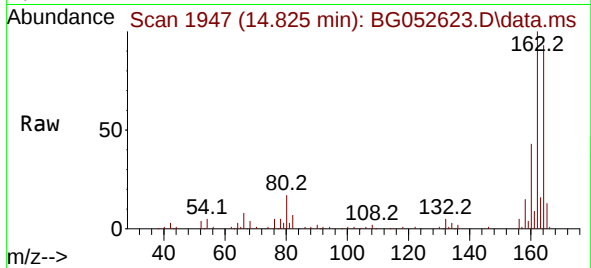
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.825 min Scan# 1947  
Delta R.T. -0.001 min  
Lab File: BG052623.D  
Acq: 9 Mar 2022 22:16

Instrument :

BNA\_G

ClientSampleId :

ICVBG030922

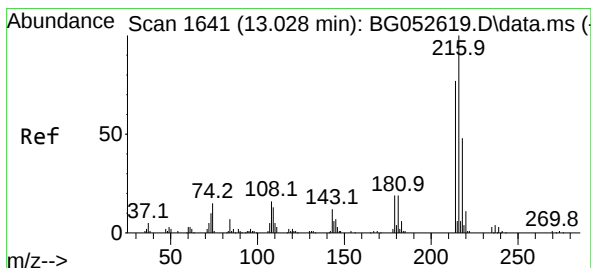
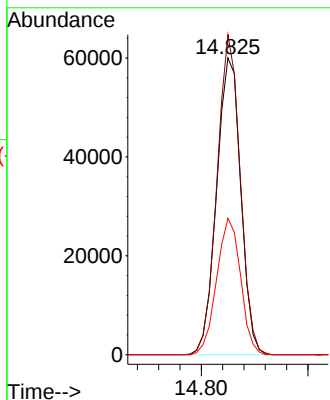
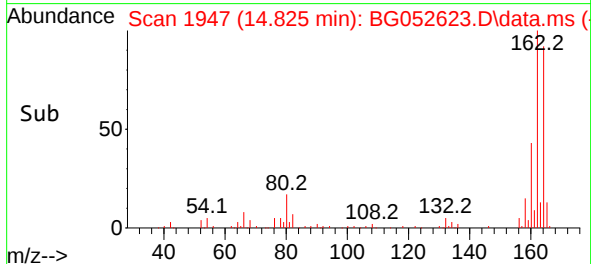


Tgt Ion:164 Resp: 9422  
Ion Ratio Lower Upper  
164 100  
162 107.9 80.0 120.0  
160 46.0 38.8 58.2

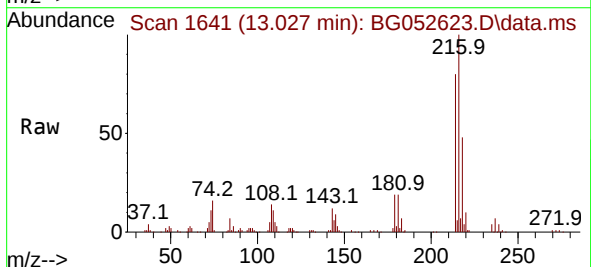
Manual Integrations

APPROVED

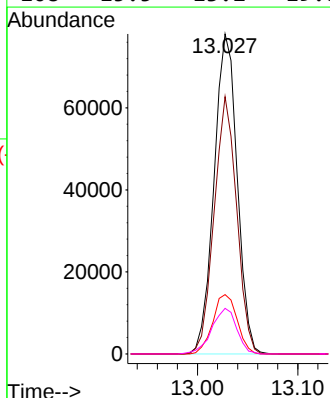
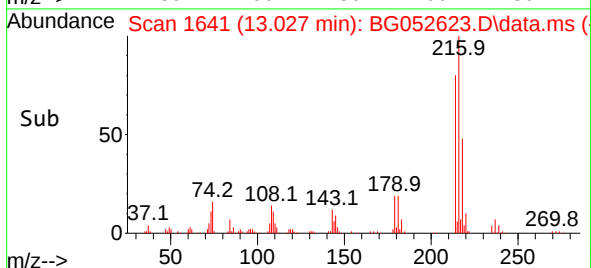
Reviewed By :Christian Giraldo 03/10/2022  
Supervised By :Jagrut Upadhyay 03/10/2022

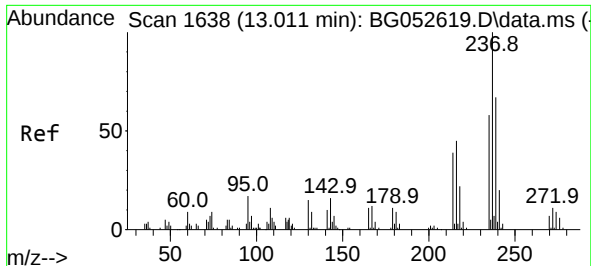


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 39.600 ng  
RT: 13.027 min Scan# 1641  
Delta R.T. -0.001 min  
Lab File: BG052623.D  
Acq: 9 Mar 2022 22:16



Tgt Ion:216 Resp: 124805  
Ion Ratio Lower Upper  
216 100  
214 78.1 63.8 95.6  
179 19.5 15.7 23.5  
108 15.5 13.2 19.8





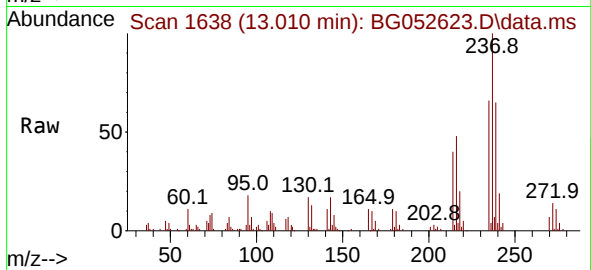
#41  
Hexachlorocyclopentadiene  
Concen: 41.907 ng  
RT: 13.010 min Scan# 1638  
Delta R.T. -0.001 min  
Lab File: BG052623.D  
Acq: 9 Mar 2022 22:16

Instrument :

BNA\_G

ClientSampleId :

ICVBG030922

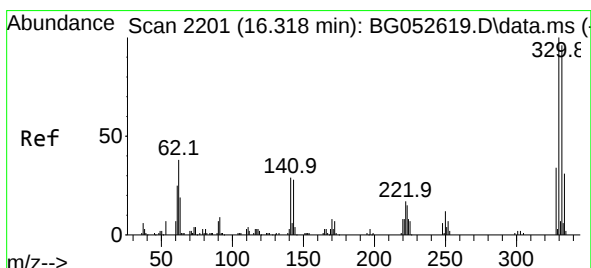
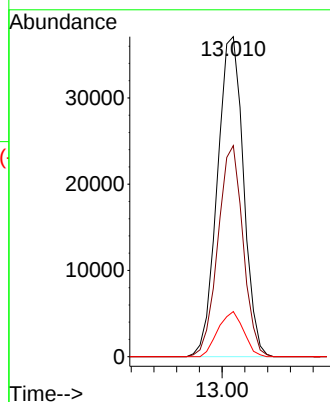
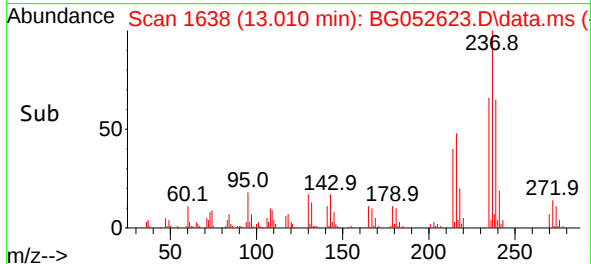


Tgt Ion:237 Resp: 59220  
Ion Ratio Lower Upper  
237 100  
235 65.9 37.7 77.7  
272 14.1 0.0 30.7

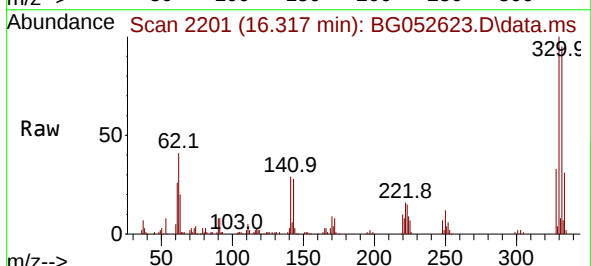
Manual Integrations

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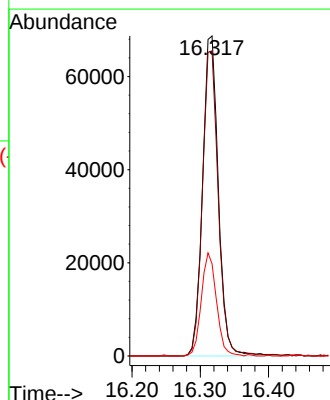
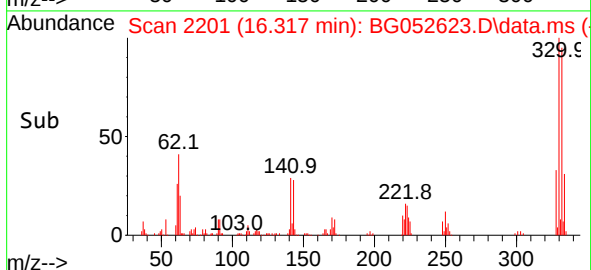
Reviewed By :Christian Giraldo 03/10/2022  
Supervised By :Jagrut Upadhyay 03/10/2022

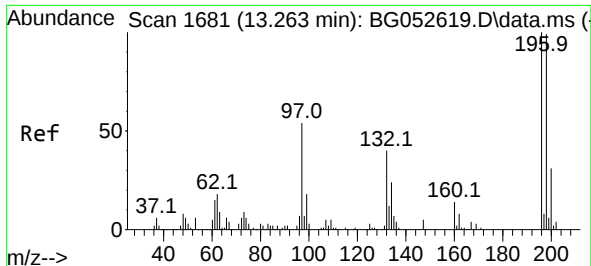


#42  
2,4,6-Tribromophenol  
Concen: 82.849 ng  
RT: 16.317 min Scan# 2201  
Delta R.T. -0.001 min  
Lab File: BG052623.D  
Acq: 9 Mar 2022 22:16



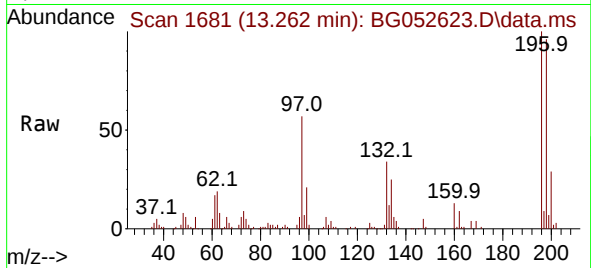
Tgt Ion:330 Resp: 110714  
Ion Ratio Lower Upper  
330 100  
332 95.2 75.8 113.6  
141 30.7 24.6 36.8





#43  
2,4,6-Trichlorophenol  
Concen: 42.931 ng  
RT: 13.262 min Scan# 1681  
Delta R.T. -0.001 min  
Lab File: BG052623.D  
Acq: 9 Mar 2022 22:16

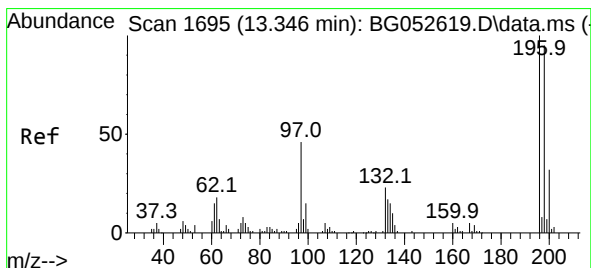
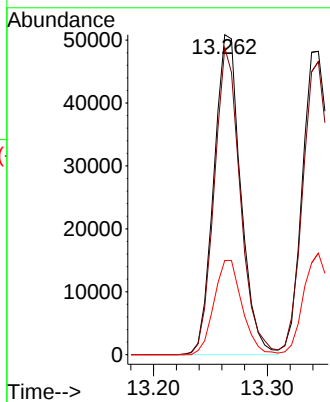
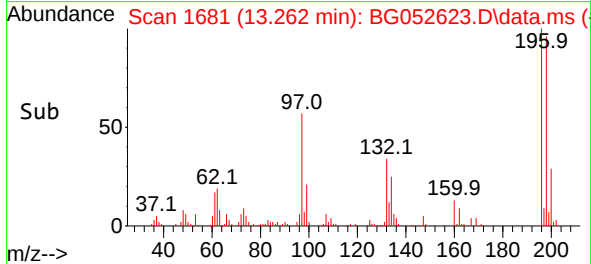
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG030922



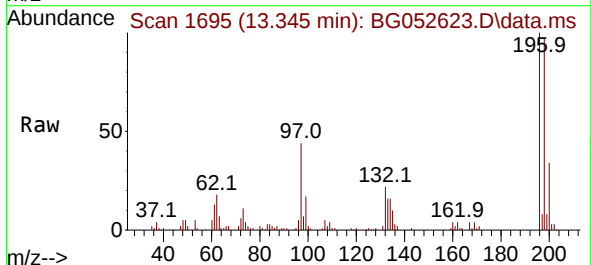
Tgt Ion:196 Resp: 83380  
Ion Ratio Lower Upper  
196 100  
198 96.0 78.8 118.2  
200 29.5 25.1 37.7

Manual Integrations  
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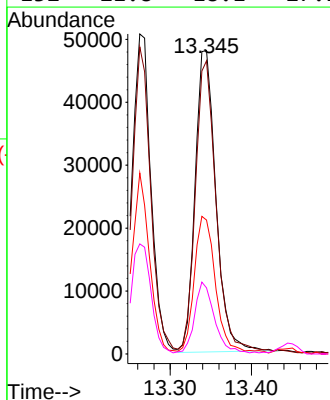
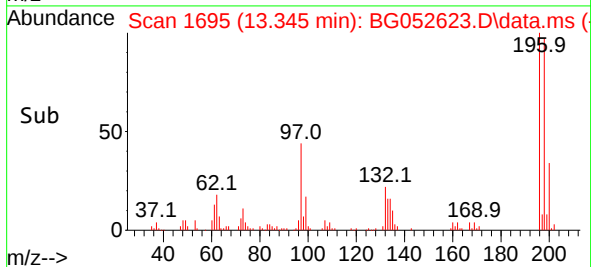
Reviewed By :Christian Giraldo 03/10/2022  
Supervised By :Jagrut Upadhyay 03/10/2022

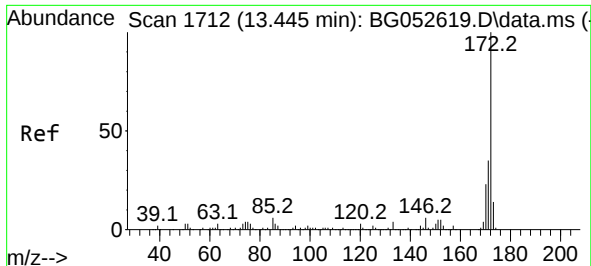


#44  
2,4,5-Trichlorophenol  
Concen: 40.678 ng  
RT: 13.345 min Scan# 1695  
Delta R.T. -0.001 min  
Lab File: BG052623.D  
Acq: 9 Mar 2022 22:16



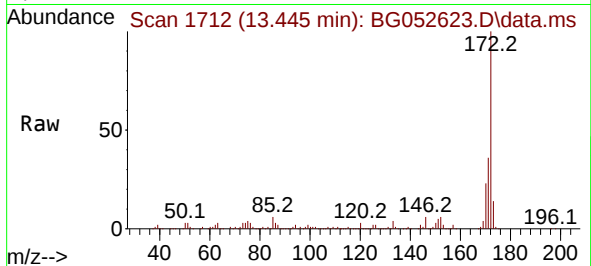
Tgt Ion:196 Resp: 85576  
Ion Ratio Lower Upper  
196 100  
198 96.7 75.8 113.6  
97 44.1 36.5 54.7  
132 21.8 18.1 27.1





#45  
2-Fluorobiphenyl  
Concen: 78.996 ng  
RT: 13.445 min Scan# 1712  
Delta R.T. -0.000 min  
Lab File: BG052623.D  
Acq: 9 Mar 2022 22:16

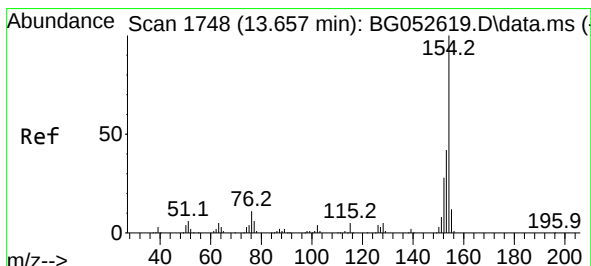
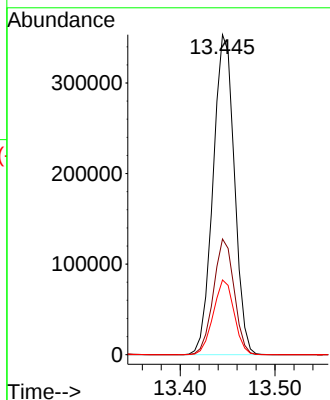
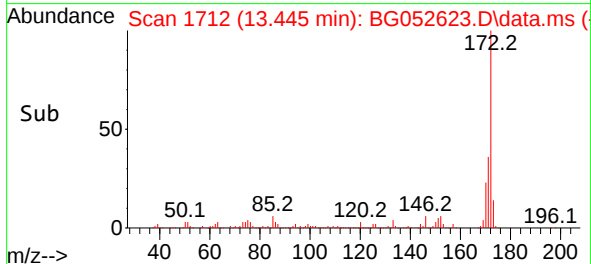
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG030922



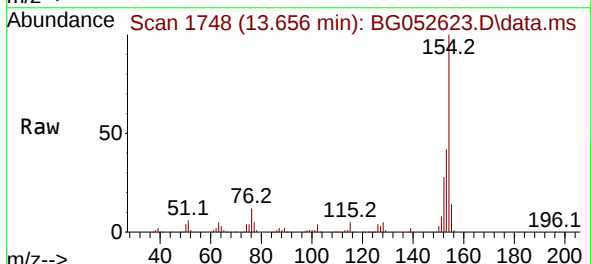
Tgt Ion:172 Resp: 55145  
Ion Ratio Lower Upper  
172 100  
171 36.2 28.3 42.5  
170 23.3 18.0 27.0

Manual Integrations  
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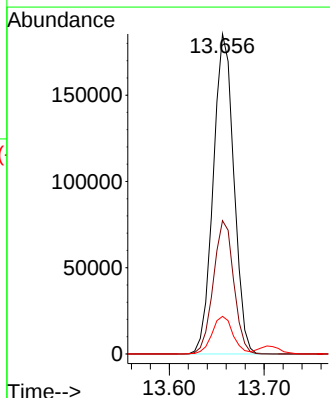
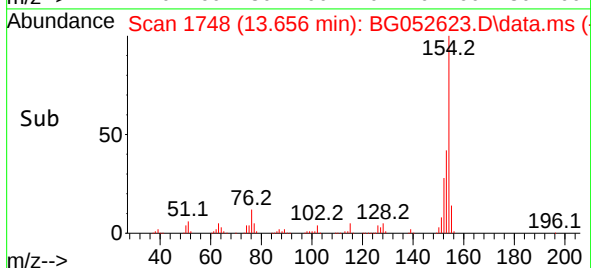
Reviewed By :Christian Giraldo 03/10/2022  
Supervised By :Jagrut Upadhyay 03/10/2022

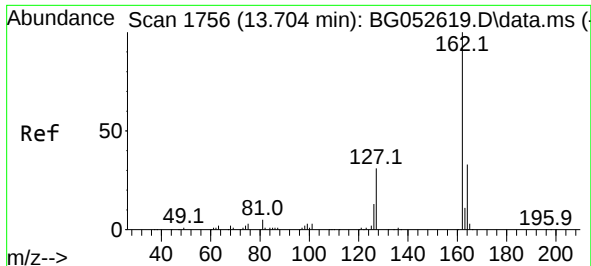


#46  
1,1'-Biphenyl  
Concen: 39.757 ng  
RT: 13.656 min Scan# 1748  
Delta R.T. -0.001 min  
Lab File: BG052623.D  
Acq: 9 Mar 2022 22:16



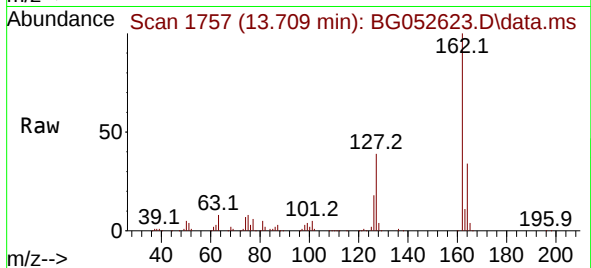
Tgt Ion:154 Resp: 280188  
Ion Ratio Lower Upper  
154 100  
153 41.6 21.6 61.6  
76 11.8 0.0 31.5





#47  
2-Chloronaphthalene  
Concen: 39.578 ng  
RT: 13.709 min Scan# 1756  
Delta R.T. 0.005 min  
Lab File: BG052623.D  
Acq: 9 Mar 2022 22:16

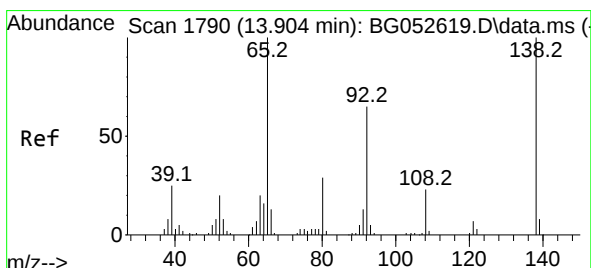
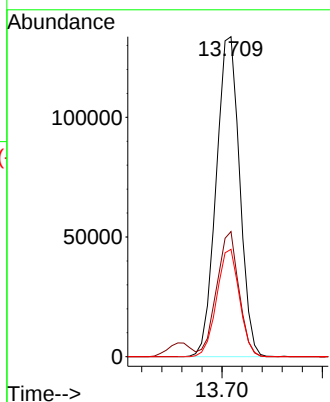
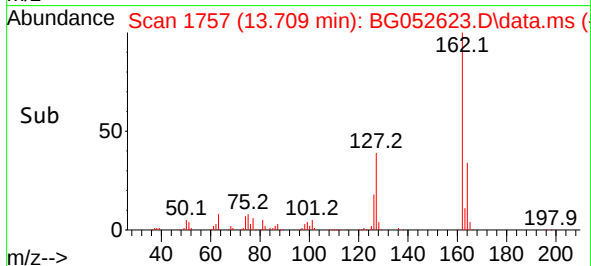
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG030922



Tgt Ion:162 Resp: 21695  
Ion Ratio Lower Upper  
162 100  
127 39.1 28.1 42.1  
164 33.5 26.0 39.0

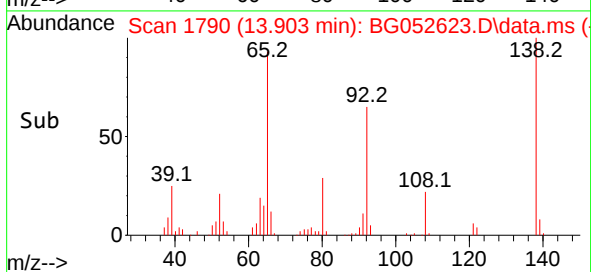
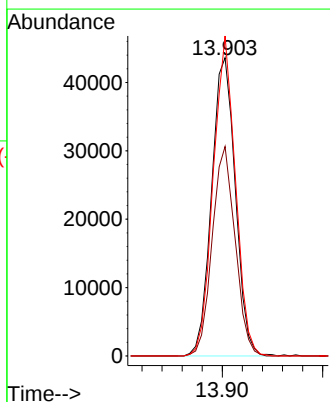
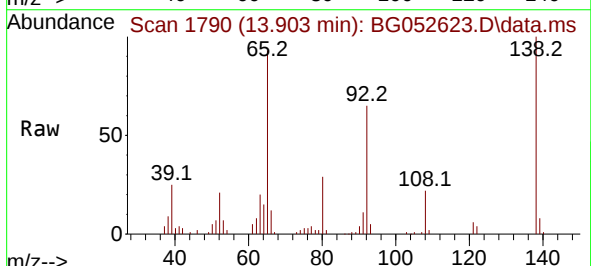
Manual Integrations  
APPROVED

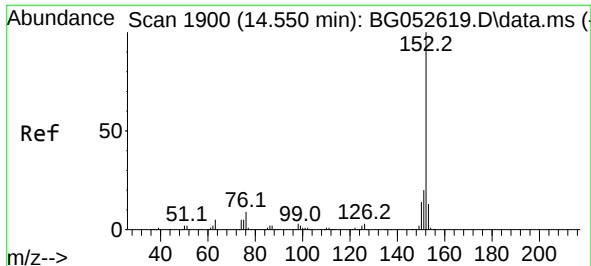
Reviewed By :Christian Giraldo 03/10/2022  
Supervised By :Jagrut Upadhyay 03/10/2022



#48  
2-Nitroaniline  
Concen: 40.605 ng  
RT: 13.903 min Scan# 1790  
Delta R.T. -0.001 min  
Lab File: BG052623.D  
Acq: 9 Mar 2022 22:16

Tgt Ion: 65 Resp: 71661  
Ion Ratio Lower Upper  
65 100  
92 70.2 52.1 78.1  
138 107.3 80.1 120.1





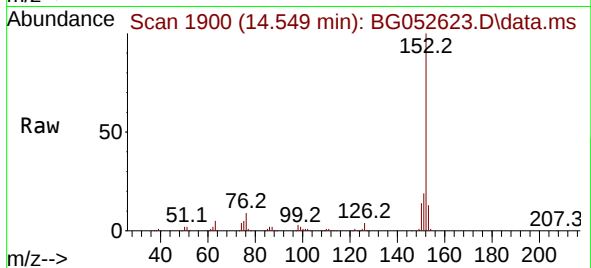
#49  
Acenaphthylene  
Concen: 40.038 ng  
RT: 14.549 min Scan# 1900  
Delta R.T. -0.001 min  
Lab File: BG052623.D  
Acq: 9 Mar 2022 22:16

Instrument :

BNA\_G

ClientSampleId :

ICVBG030922

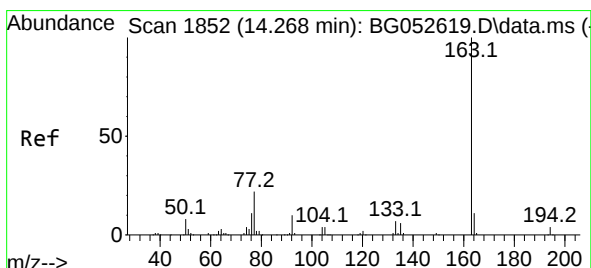
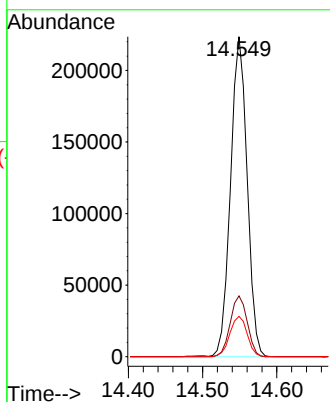
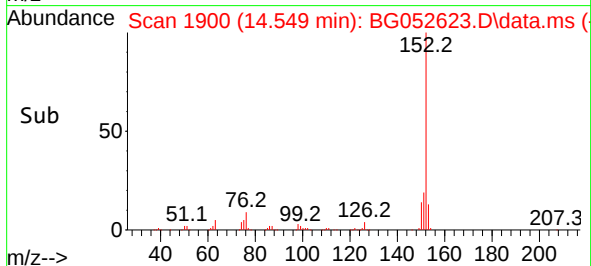


Tgt Ion:152 Resp: 34756  
Ion Ratio Lower Upper  
152 100  
151 19.0 15.8 23.6  
153 12.6 10.6 15.8

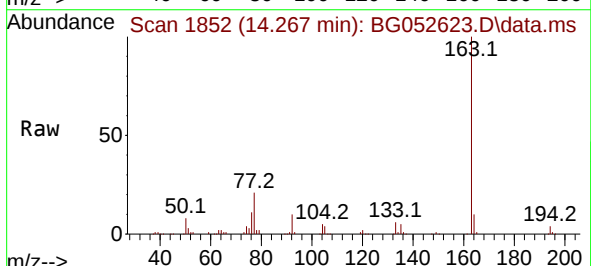
Manual Integrations

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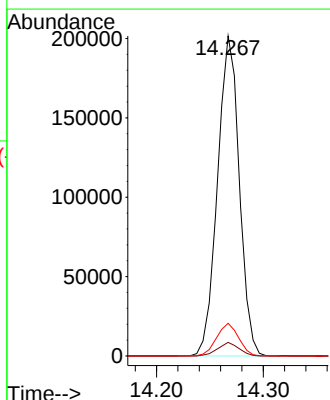
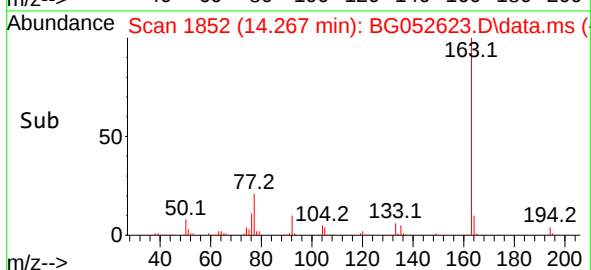
Reviewed By :Christian Giraldo 03/10/2022  
Supervised By :Jagrut Upadhyay 03/10/2022

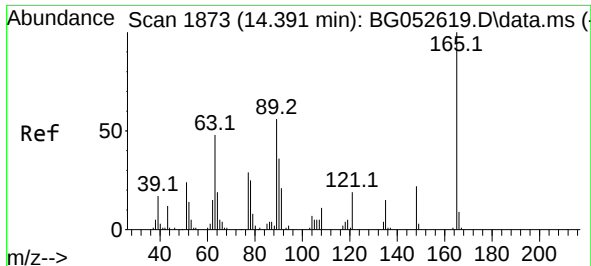


#50  
Dimethylphthalate  
Concen: 39.917 ng  
RT: 14.267 min Scan# 1852  
Delta R.T. -0.001 min  
Lab File: BG052623.D  
Acq: 9 Mar 2022 22:16



Tgt Ion:163 Resp: 285708  
Ion Ratio Lower Upper  
163 100  
194 4.2 3.3 4.9  
164 10.2 8.5 12.7





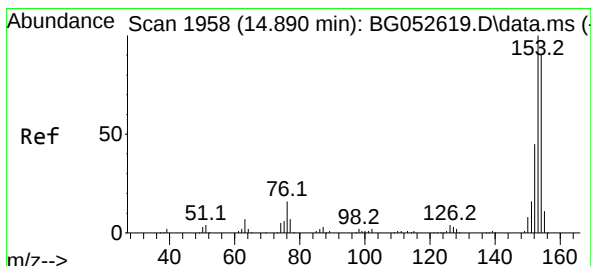
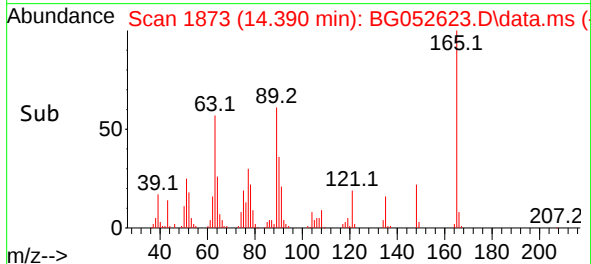
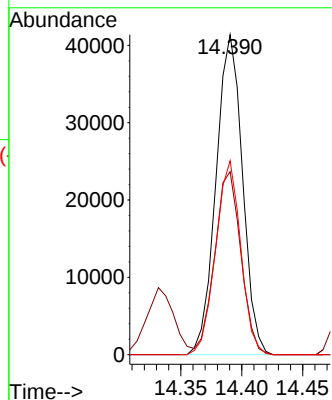
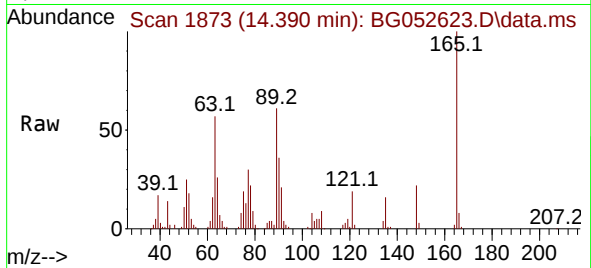
#51  
2,6-Dinitrotoluene  
Concen: 39.947 ng  
RT: 14.390 min Scan# 1873  
Delta R.T. -0.001 min  
Lab File: BG052623.D  
Acq: 9 Mar 2022 22:16

Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG030922

Tgt Ion:165 Resp: 6249  
Ion Ratio Lower Upper  
165 100  
63 57.2 43.7 65.5  
89 60.6 45.0 67.4

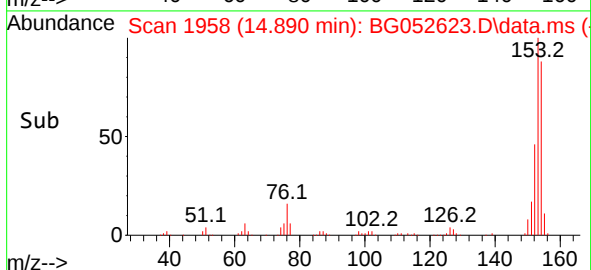
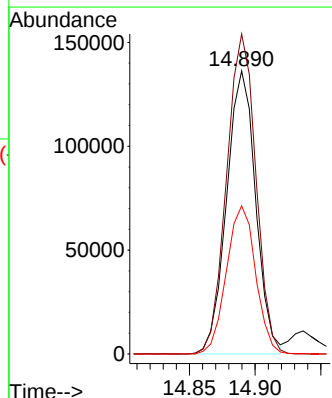
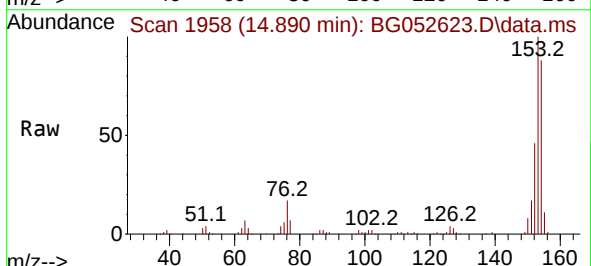
Manual Integrations  
APPROVED

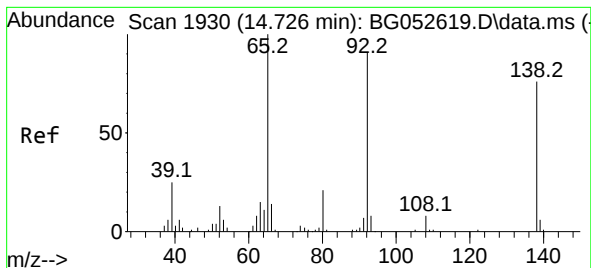
Reviewed By :Christian Giraldo 03/10/2022  
Supervised By :Jagrut Upadhyay 03/10/2022



#52  
Acenaphthene  
Concen: 39.923 ng  
RT: 14.890 min Scan# 1958  
Delta R.T. -0.001 min  
Lab File: BG052623.D  
Acq: 9 Mar 2022 22:16

Tgt Ion:154 Resp: 210143  
Ion Ratio Lower Upper  
154 100  
153 113.1 89.0 133.4  
152 52.3 40.5 60.7





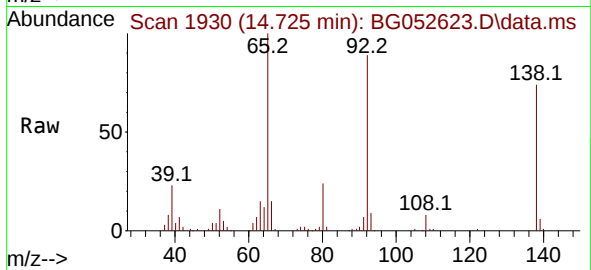
#53  
3-Nitroaniline  
Concen: 41.045 ng  
RT: 14.725 min Scan# 1930  
Delta R.T. -0.001 min  
Lab File: BG052623.D  
Acq: 9 Mar 2022 22:16

Instrument :

BNA\_G

ClientSampleId :

ICVBG030922

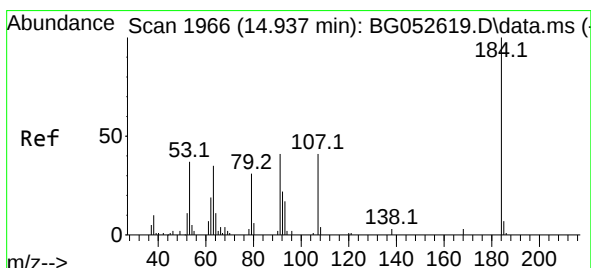
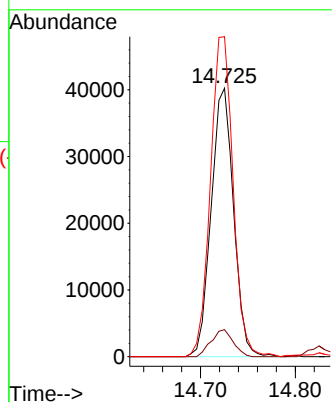
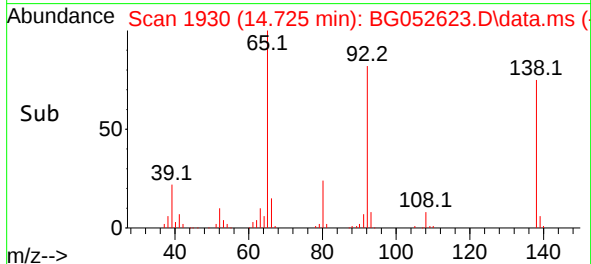


Tgt Ion:138 Resp: 66070  
Ion Ratio Lower Upper  
138 100  
108 10.1 8.0 12.0  
92 119.2 96.2 144.2

Manual Integrations

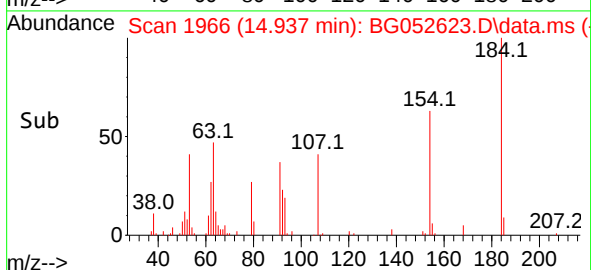
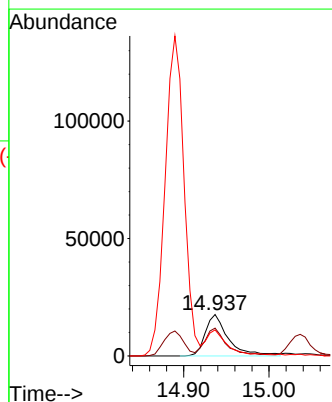
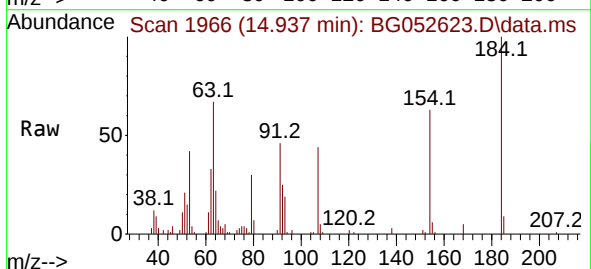
APPROVED

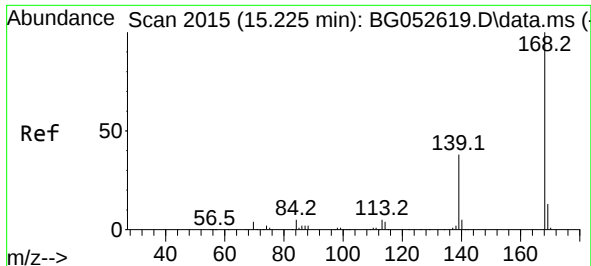
Reviewed By :Christian Giraldo 03/10/2022  
Supervised By :Jagrut Upadhyay 03/10/2022



#54  
2,4-Dinitrophenol  
Concen: 39.963 ng  
RT: 14.937 min Scan# 1966  
Delta R.T. -0.000 min  
Lab File: BG052623.D  
Acq: 9 Mar 2022 22:16

Tgt Ion:184 Resp: 33365  
Ion Ratio Lower Upper  
184 100  
63 67.2 51.8 77.6  
154 62.9 47.8 71.6





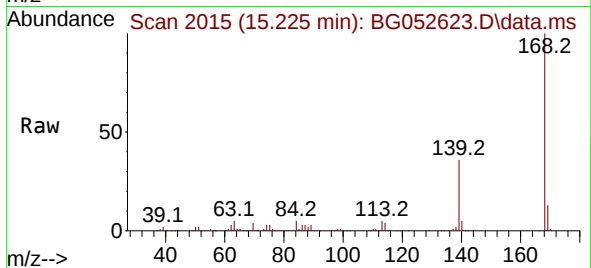
#55  
Dibenzenofuran  
Concen: 39.794 ng  
RT: 15.225 min Scan# 2015  
Delta R.T. -0.001 min  
Lab File: BG052623.D  
Acq: 9 Mar 2022 22:16

Instrument :

BNA\_G

ClientSampleId :

ICVBG030922

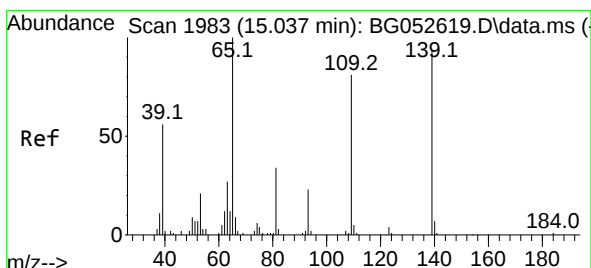
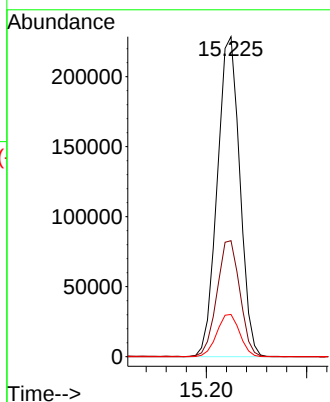
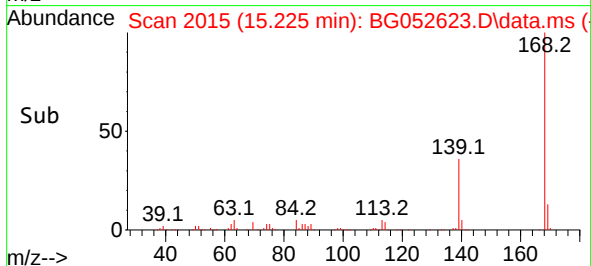


Tgt Ion:168 Resp: 35520  
Ion Ratio Lower Upper  
168 100  
139 36.2 30.2 45.4  
169 13.2 10.7 16.1

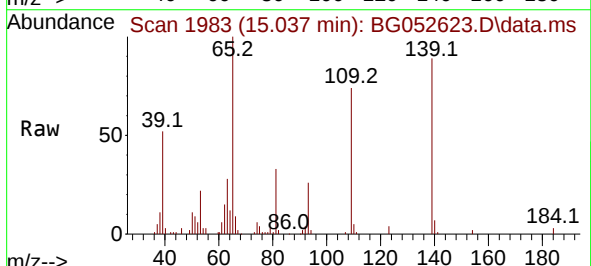
Manual Integrations

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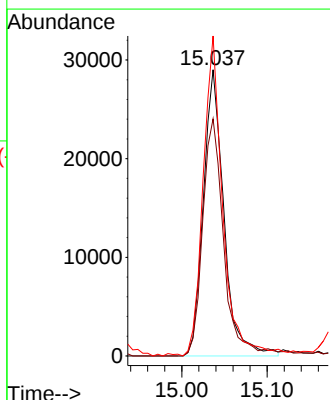
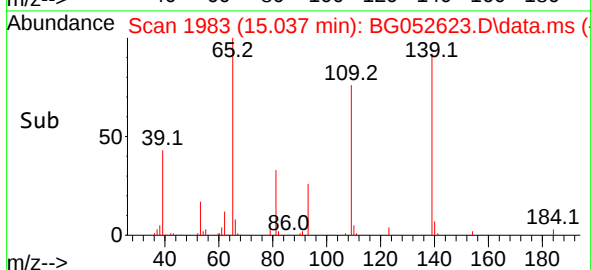
Reviewed By :Christian Giraldo 03/10/2022  
Supervised By :Jagrut Upadhyay 03/10/2022

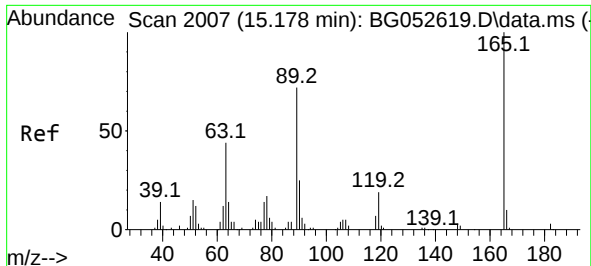


#56  
4-Nitrophenol  
Concen: 43.296 ng  
RT: 15.037 min Scan# 1983  
Delta R.T. -0.000 min  
Lab File: BG052623.D  
Acq: 9 Mar 2022 22:16



Tgt Ion:139 Resp: 48619  
Ion Ratio Lower Upper  
139 100  
109 82.9 67.1 107.1  
65 111.8 88.2 128.2





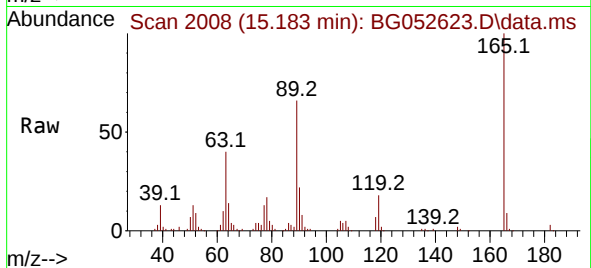
#57  
2,4-Dinitrotoluene  
Concen: 41.297 ng  
RT: 15.183 min Scan# 2007  
Delta R.T. 0.005 min  
Lab File: BG052623.D  
Acq: 9 Mar 2022 22:16

Instrument :

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ClientSampleId :

ICVBG030922



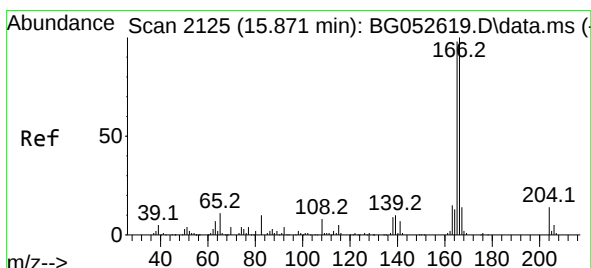
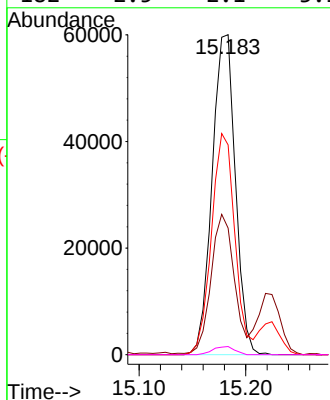
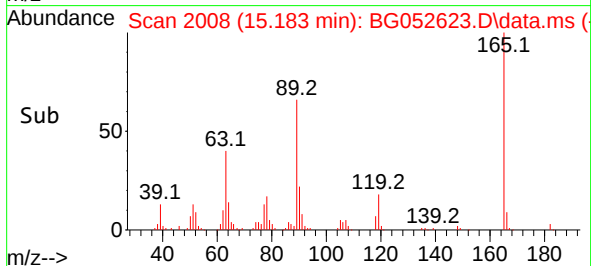
Tgt Ion:165 Resp: 9092  
Ion Ratio Lower Upper  
165 100  
63 39.5 34.8 52.2  
89 65.5 57.4 86.0  
182 2.5 2.1 3.1

Manual Integrations

APPROVED

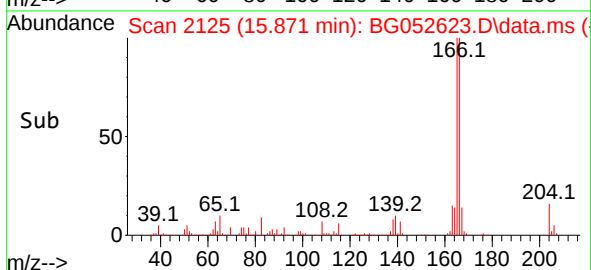
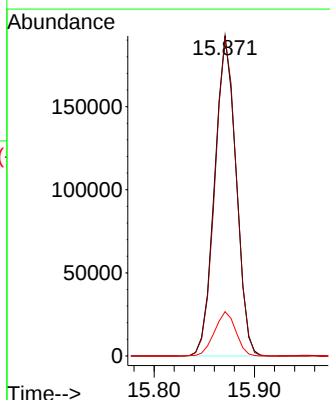
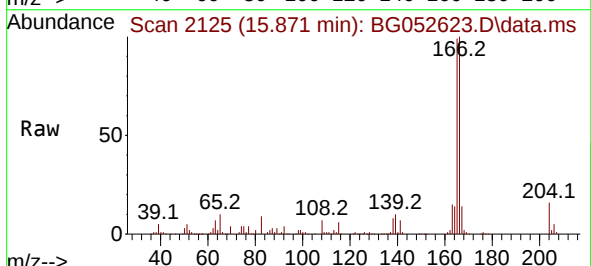
Reviewed By :Christian Giraldo 03/10/2022

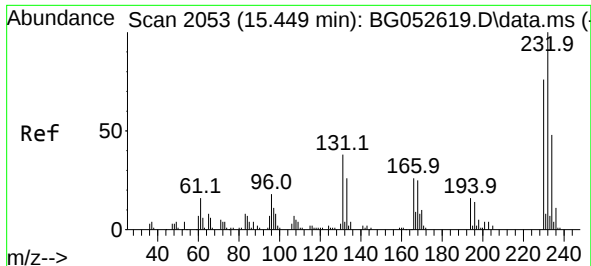
Supervised By :Jagrut Upadhyay 03/10/2022



#58  
Fluorene  
Concen: 39.389 ng  
RT: 15.871 min Scan# 2125  
Delta R.T. -0.001 min  
Lab File: BG052623.D  
Acq: 9 Mar 2022 22:16

Tgt Ion:166 Resp: 285555  
Ion Ratio Lower Upper  
166 100  
165 99.4 78.6 117.8  
167 13.8 10.9 16.3





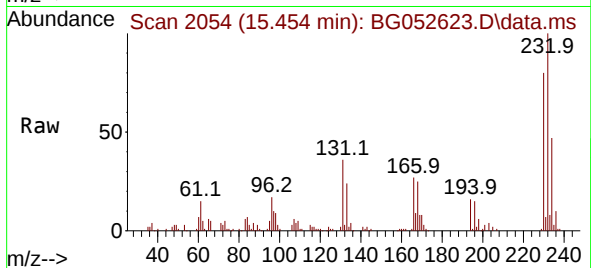
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 43.549 ng  
RT: 15.454 min Scan# 2054  
Delta R.T. 0.005 min  
Lab File: BG052623.D  
Acq: 9 Mar 2022 22:16

Instrument :

BNA\_G

ClientSampleId :

ICVBG030922

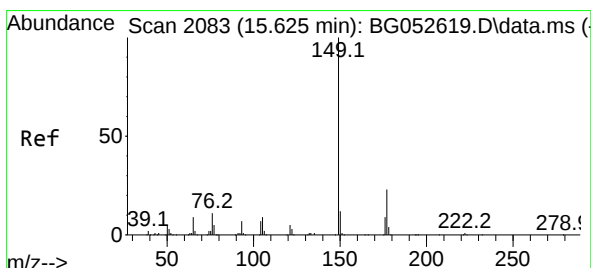
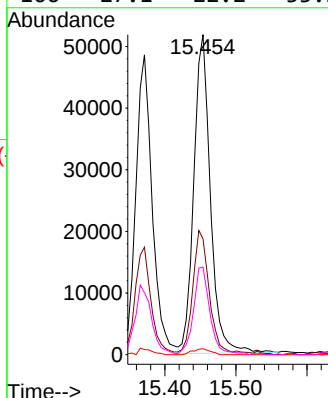
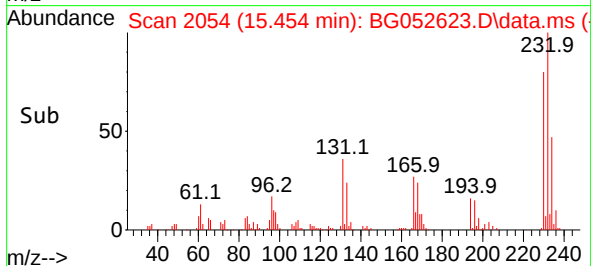


Tgt Ion:232 Resp: 84128  
Ion Ratio Lower Upper  
232 100  
131 38.1 30.1 45.1  
130 2.0 1.8 2.8  
166 27.1 22.2 33.2

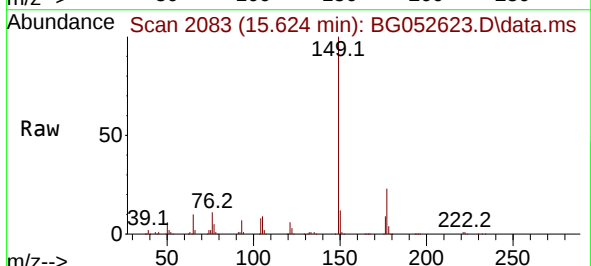
Manual Integrations

APPROVED

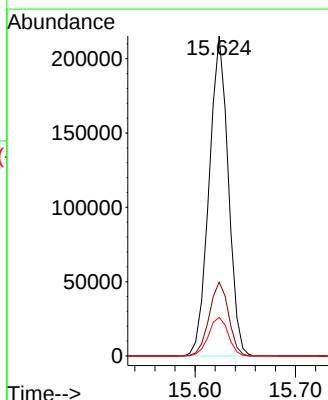
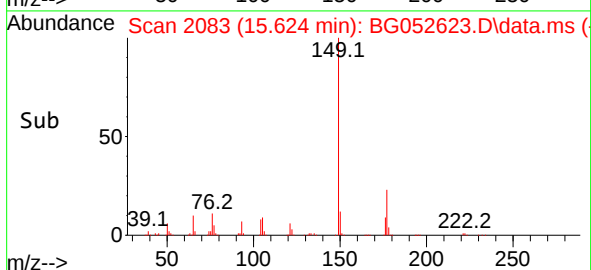
Reviewed By :Christian Giraldo 03/10/2022  
Supervised By :Jagrut Upadhyay 03/10/2022

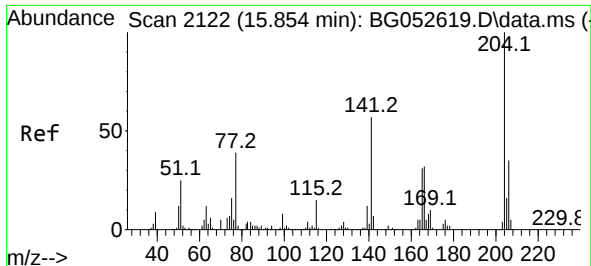


#60  
Diethylphthalate  
Concen: 39.801 ng  
RT: 15.624 min Scan# 2083  
Delta R.T. -0.001 min  
Lab File: BG052623.D  
Acq: 9 Mar 2022 22:16



Tgt Ion:149 Resp: 285919  
Ion Ratio Lower Upper  
149 100  
177 23.1 18.2 27.2  
150 12.1 9.9 14.9





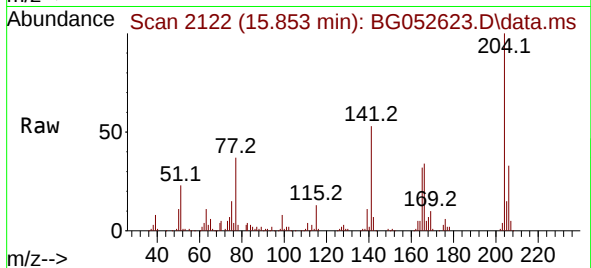
#61  
4-Chlorophenyl-phenylether  
Concen: 39.627 ng  
RT: 15.853 min Scan# 2122  
Delta R.T. -0.001 min  
Lab File: BG052623.D  
Acq: 9 Mar 2022 22:16

Instrument :

BNA\_G

ClientSampleId :

ICVBG030922

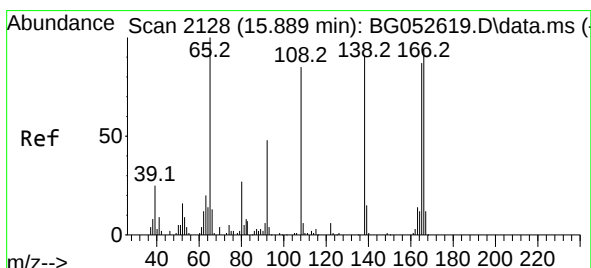
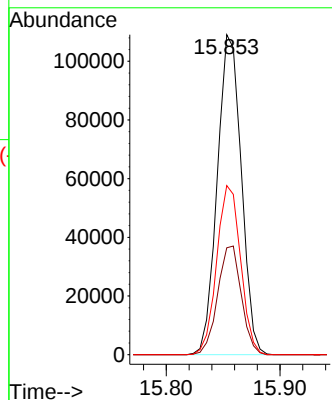
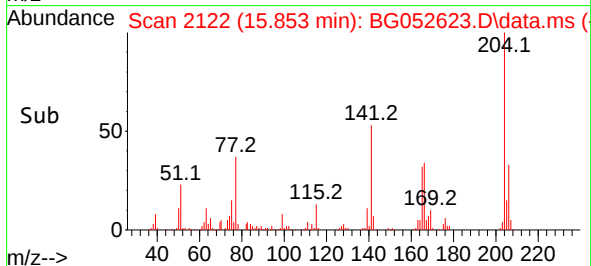


Tgt Ion:204 Resp: 16026  
Ion Ratio Lower Upper  
204 100  
206 33.4 28.3 42.5  
141 52.9 45.8 68.8

Manual Integrations

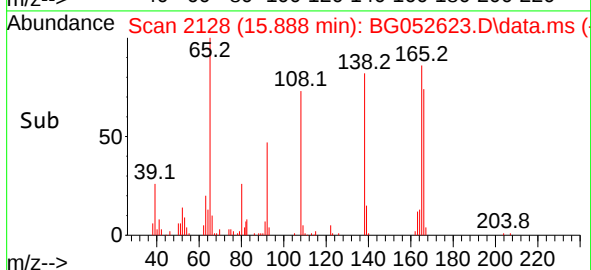
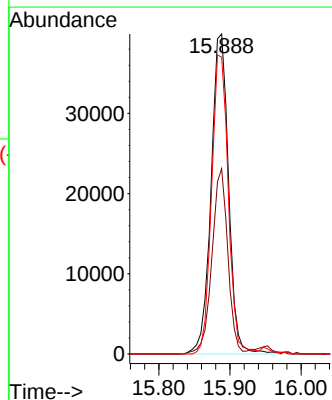
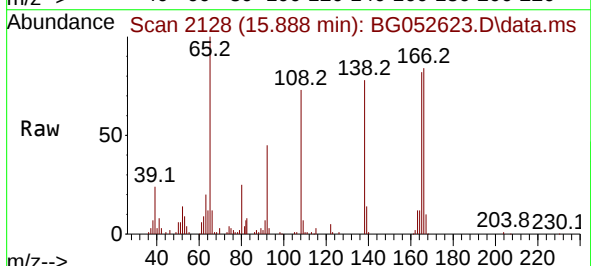
APPROVED

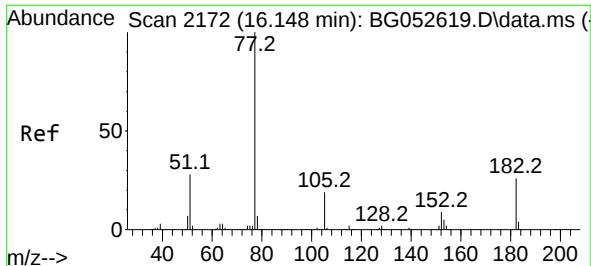
Reviewed By :Christian Giraldo 03/10/2022  
Supervised By :Jagrut Upadhyay 03/10/2022



#62  
4-Nitroaniline  
Concen: 40.052 ng  
RT: 15.888 min Scan# 2128  
Delta R.T. -0.001 min  
Lab File: BG052623.D  
Acq: 9 Mar 2022 22:16

Tgt Ion:138 Resp: 68138  
Ion Ratio Lower Upper  
138 100  
92 57.9 33.3 73.3  
108 92.7 74.2 114.2





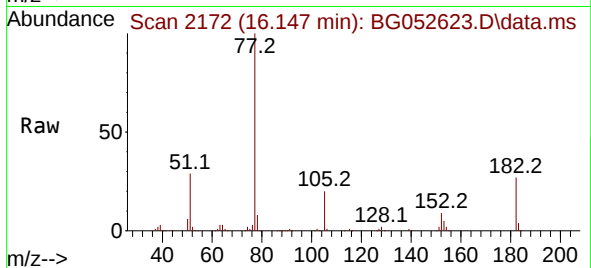
#63  
Azobenzene  
Concen: 39.627 ng  
RT: 16.147 min Scan# 2172  
Delta R.T. -0.001 min  
Lab File: BG052623.D  
Acq: 9 Mar 2022 22:16

Instrument :

BNA\_G

ClientSampleId :

ICVBG030922

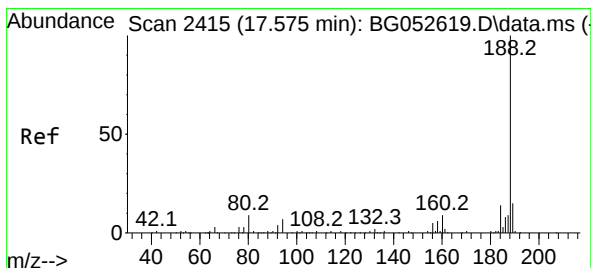
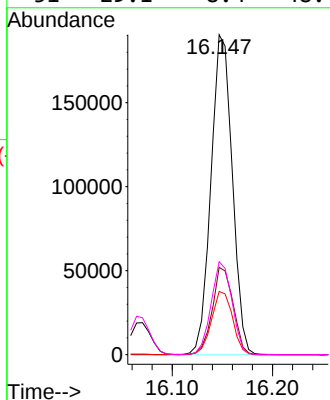
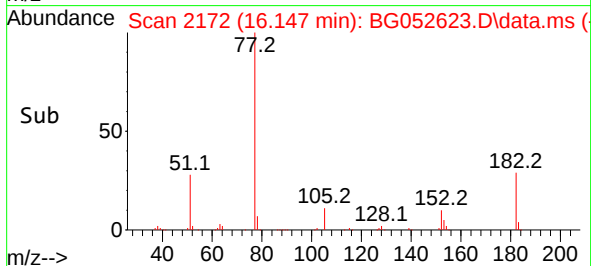


Tgt Ion: 77 Resp: 281129  
Ion Ratio Lower Upper  
77 100  
182 27.3 5.6 45.6  
105 19.7 0.0 38.8  
51 29.1 8.4 48.4

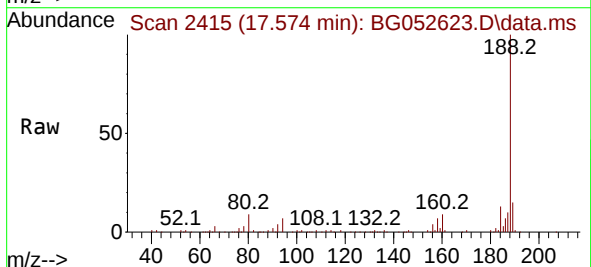
Manual Integrations

APPROVED

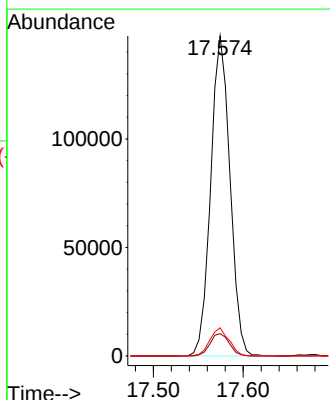
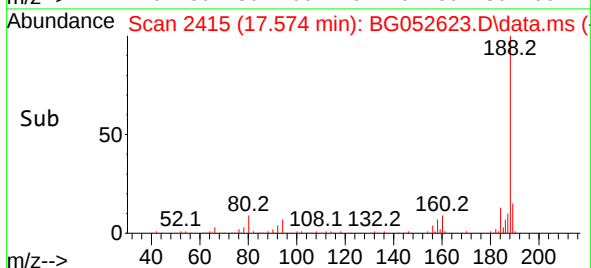
Reviewed By :Christian Giraldo 03/10/2022  
Supervised By :Jagrut Upadhyay 03/10/2022

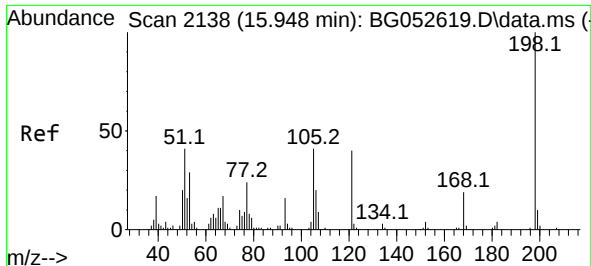


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.574 min Scan# 2415  
Delta R.T. -0.001 min  
Lab File: BG052623.D  
Acq: 9 Mar 2022 22:16



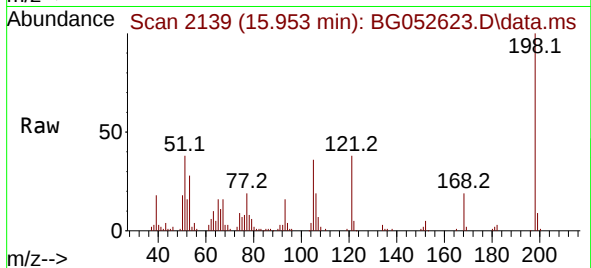
Tgt Ion:188 Resp: 219553  
Ion Ratio Lower Upper  
188 100  
94 6.9 5.7 8.5  
80 8.8 7.2 10.8





#65  
4,6-Dinitro-2-methylphenol  
Concen: 42.369 ng  
RT: 15.953 min Scan# 2138  
Delta R.T. 0.005 min  
Lab File: BG052623.D  
Acq: 9 Mar 2022 22:16

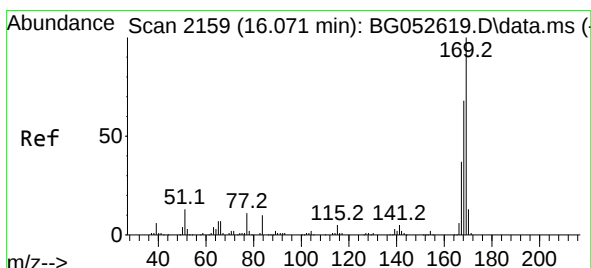
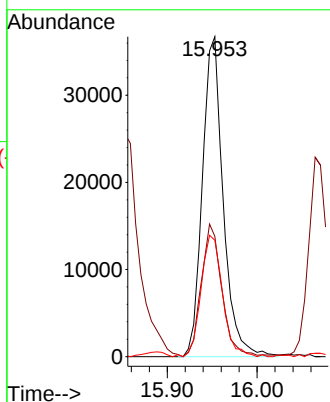
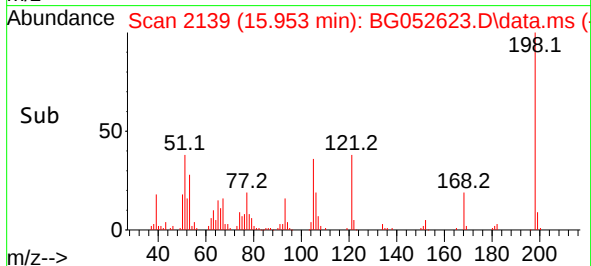
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG030922



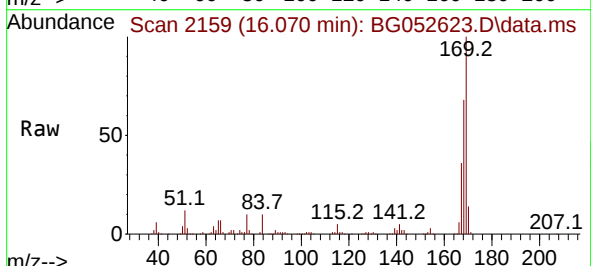
Tgt Ion:198 Resp: 59060  
Ion Ratio Lower Upper  
198 100  
51 37.6 21.7 61.7  
105 36.4 20.8 60.8

Manual Integrations  
APPROVED

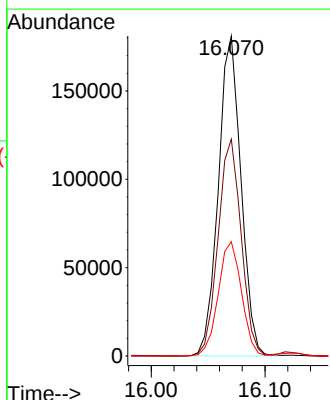
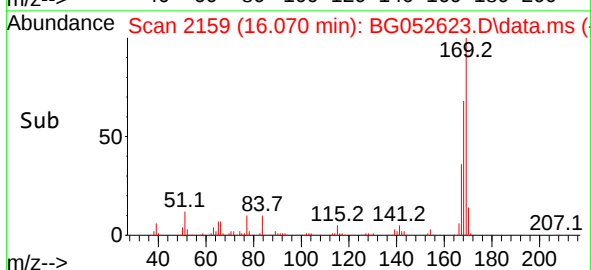
Reviewed By :Christian Giraldo 03/10/2022  
Supervised By :Jagrut Upadhyay 03/10/2022

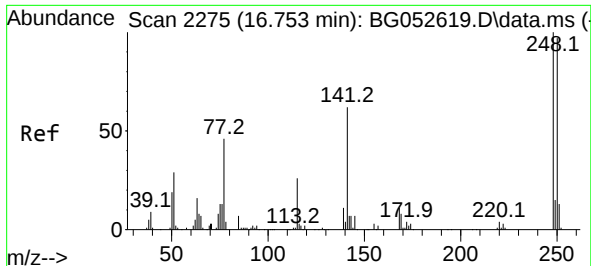


#66  
n-Nitrosodiphenylamine  
Concen: 40.675 ng  
RT: 16.070 min Scan# 2159  
Delta R.T. -0.001 min  
Lab File: BG052623.D  
Acq: 9 Mar 2022 22:16



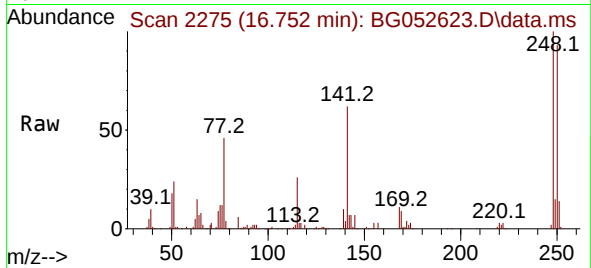
Tgt Ion:169 Resp: 250943  
Ion Ratio Lower Upper  
169 100  
168 67.8 54.5 81.7  
167 35.7 29.6 44.4





#67  
4-Bromophenyl-phenylether  
Concen: 40.064 ng  
RT: 16.752 min Scan# 211  
Delta R.T. -0.001 min  
Lab File: BG052623.D  
Acq: 9 Mar 2022 22:16

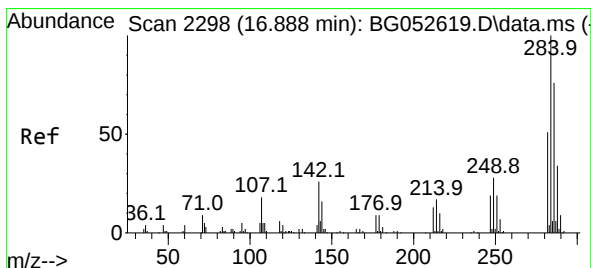
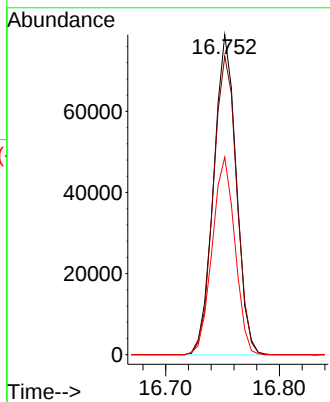
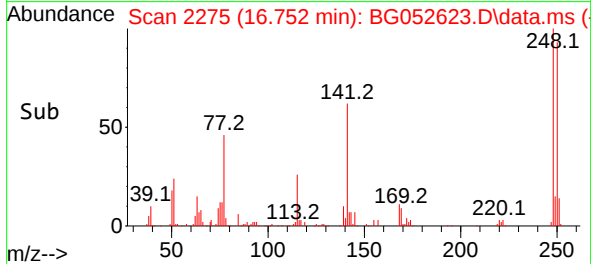
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG030922



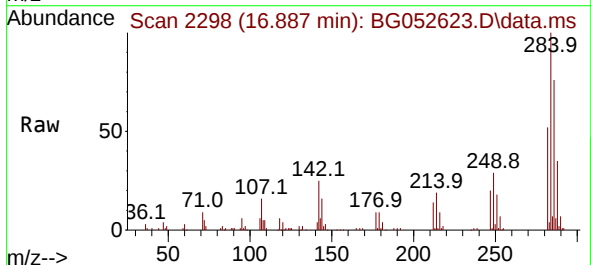
Tgt Ion:248 Resp: 108870  
Ion Ratio Lower Upper  
248 100  
250 93.3 77.9 116.9  
141 61.7 49.2 73.8

Manual Integrations  
APPROVED

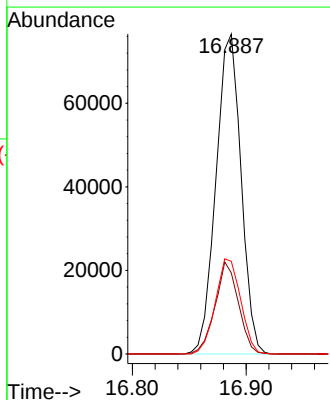
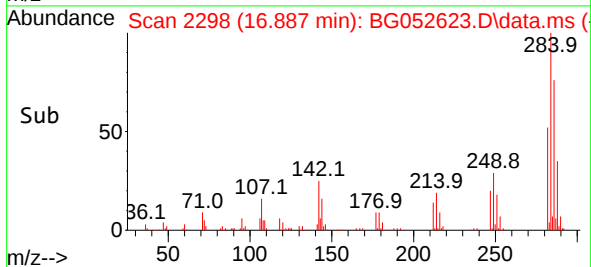
Reviewed By :Christian Giraldo 03/10/2022  
Supervised By :Jagrut Upadhyay 03/10/2022

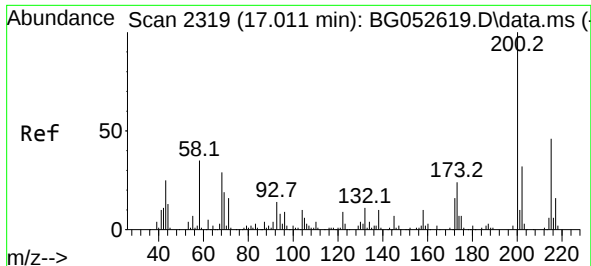


#68  
Hexachlorobenzene  
Concen: 40.353 ng  
RT: 16.887 min Scan# 2298  
Delta R.T. -0.001 min  
Lab File: BG052623.D  
Acq: 9 Mar 2022 22:16



Tgt Ion:284 Resp: 117203  
Ion Ratio Lower Upper  
284 100  
142 25.3 21.0 31.4  
249 28.9 22.7 34.1





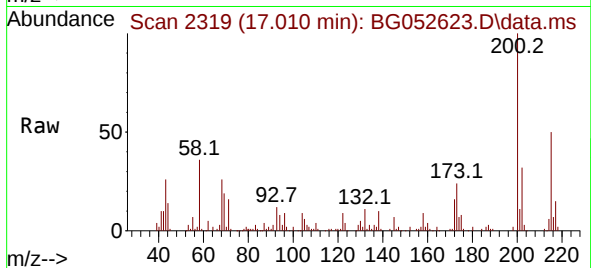
#69  
 Atrazine  
 Concen: 42.888 ng  
 RT: 17.010 min Scan# 21  
 Delta R.T. -0.001 min  
 Lab File: BG052623.D  
 Acq: 9 Mar 2022 22:16

Instrument :

BNA\_G

ClientSampleId :

ICVBG030922

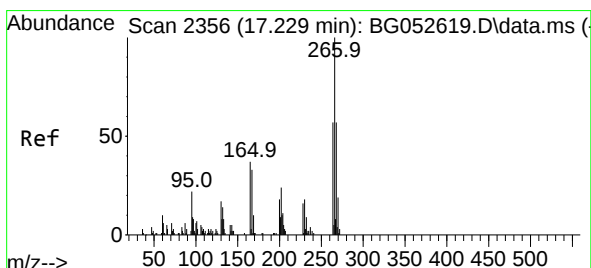
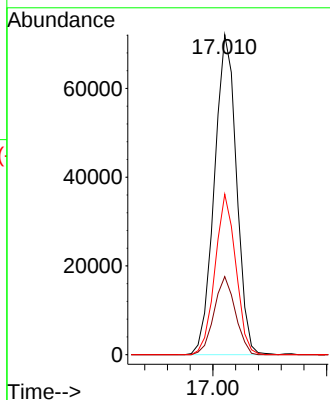
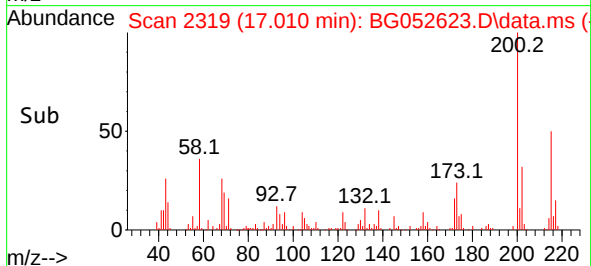


Tgt Ion:200 Resp: 97270  
 Ion Ratio Lower Upper  
 200 100  
 173 24.4 3.8 43.8  
 215 50.2 26.3 66.3

Manual Integrations

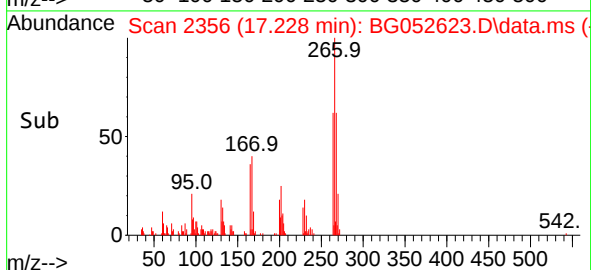
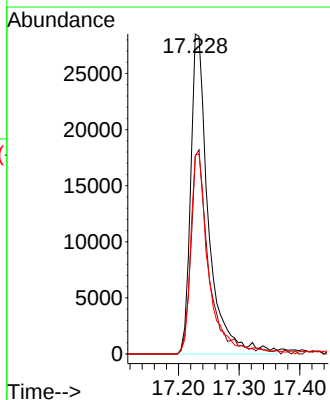
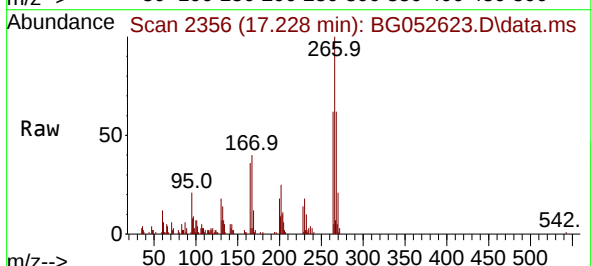
APPROVED

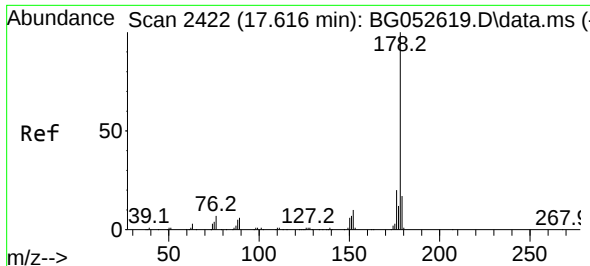
Reviewed By :Christian Giraldo 03/10/2022  
 Supervised By :Jagrut Upadhyay 03/10/2022



#70  
 Pentachlorophenol  
 Concen: 41.608 ng m  
 RT: 17.228 min Scan# 2356  
 Delta R.T. -0.001 min  
 Lab File: BG052623.D  
 Acq: 9 Mar 2022 22:16

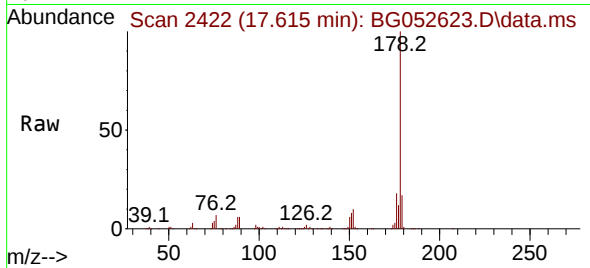
Tgt Ion:266 Resp: 58168  
 Ion Ratio Lower Upper  
 266 100  
 268 61.9 45.9 68.9  
 264 62.2 45.3 67.9





#71  
Phenanthrene  
Concen: 39.801 ng  
RT: 17.615 min Scan# 2422  
Delta R.T. -0.001 min  
Lab File: BG052623.D  
Acq: 9 Mar 2022 22:16

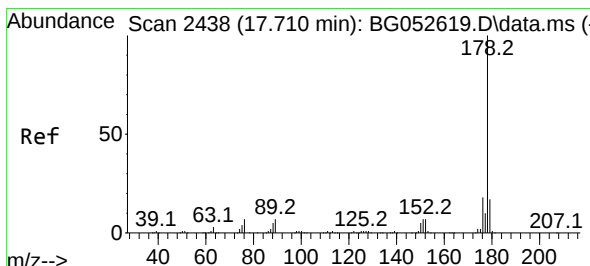
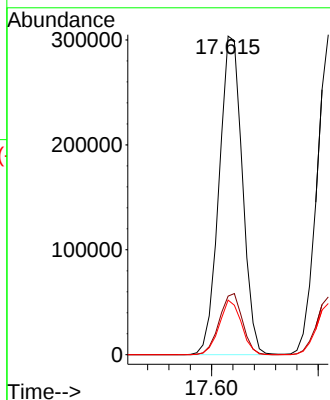
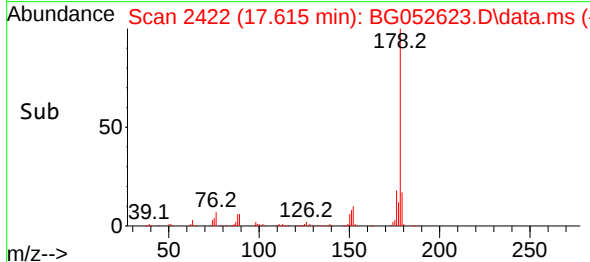
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG030922



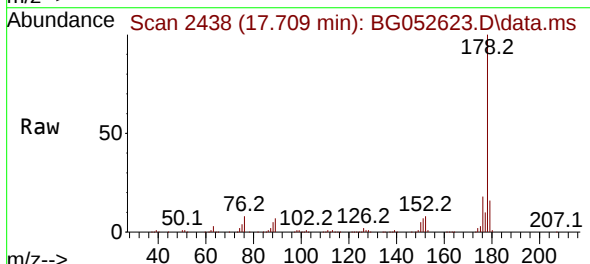
Tgt Ion:178 Resp: 458480  
Ion Ratio Lower Upper  
178 100  
176 18.4 15.9 23.9  
179 17.2 13.4 20.2

Manual Integrations  
APPROVED

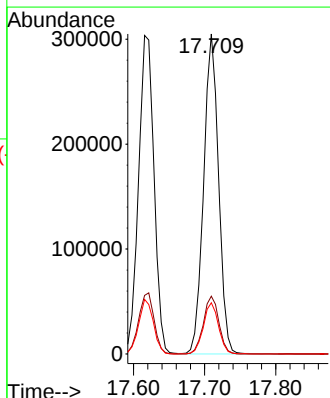
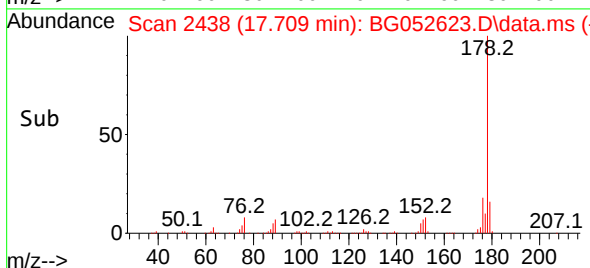
Reviewed By :Christian Giraldo 03/10/2022  
Supervised By :Jagrut Upadhyay 03/10/2022

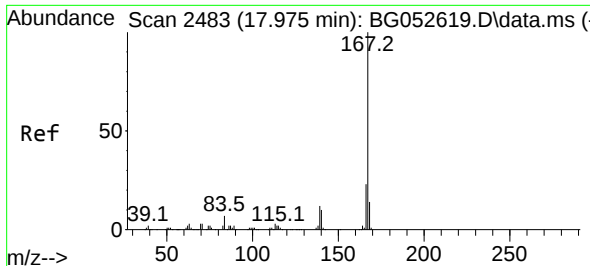


#72  
Anthracene  
Concen: 39.528 ng  
RT: 17.709 min Scan# 2438  
Delta R.T. -0.001 min  
Lab File: BG052623.D  
Acq: 9 Mar 2022 22:16



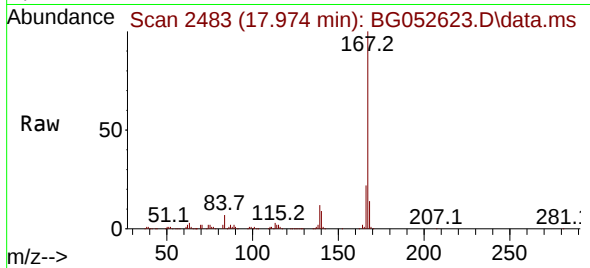
Tgt Ion:178 Resp: 445777  
Ion Ratio Lower Upper  
178 100  
176 18.1 14.7 22.1  
179 16.0 13.2 19.8





#73  
 Carbazole  
 Concen: 40.043 ng  
 RT: 17.974 min Scan# 2483  
 Delta R.T. -0.001 min  
 Lab File: BG052623.D  
 Acq: 9 Mar 2022 22:16

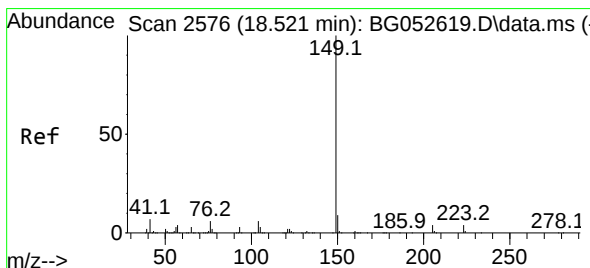
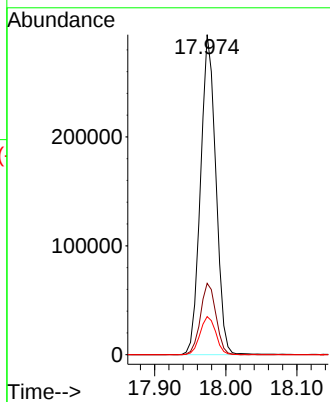
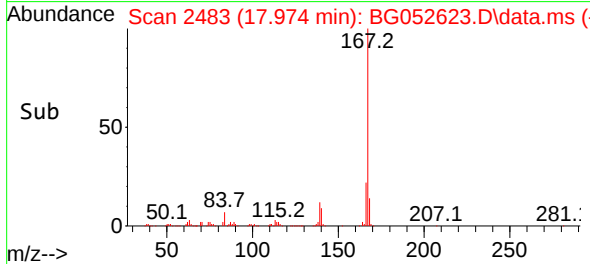
Instrument :  
 BNA\_G  
 ClientSampleId :  
 ICVBG030922



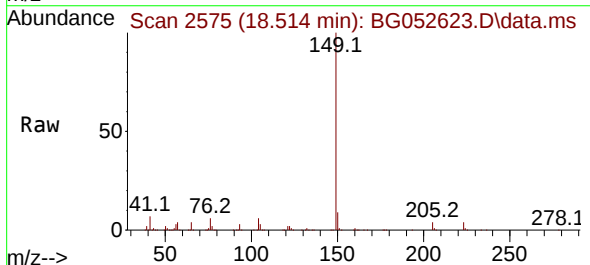
Tgt Ion:167 Resp: 44197  
 Ion Ratio Lower Upper  
 167 100  
 166 22.3 18.5 27.7  
 139 11.9 10.0 15.0

Manual Integrations  
 APPROVED

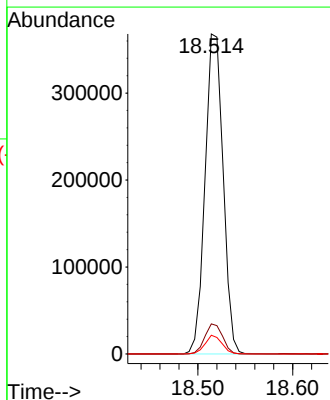
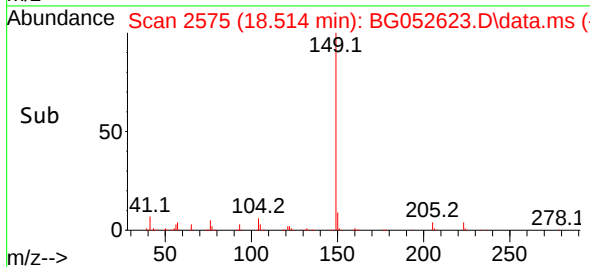
Reviewed By :Christian Giraldo 03/10/2022  
 Supervised By :Jagrut Upadhyay 03/10/2022

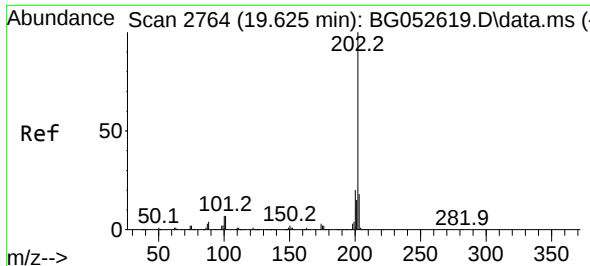


#74  
 Di-n-butylphthalate  
 Concen: 40.458 ng  
 RT: 18.514 min Scan# 2575  
 Delta R.T. -0.007 min  
 Lab File: BG052623.D  
 Acq: 9 Mar 2022 22:16



Tgt Ion:149 Resp: 487368  
 Ion Ratio Lower Upper  
 149 100  
 150 9.4 7.0 10.6  
 104 5.8 4.6 7.0





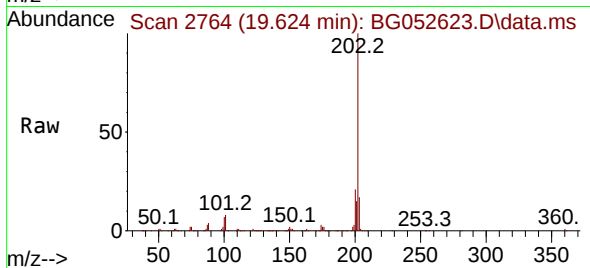
#75  
Fluoranthene  
Concen: 38.855 ng  
RT: 19.624 min Scan# 21  
Delta R.T. -0.001 min  
Lab File: BG052623.D  
Acq: 9 Mar 2022 22:16

Instrument :

BNA\_G

ClientSampleId :

ICVBG030922

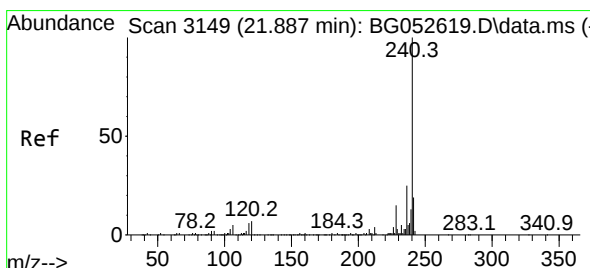
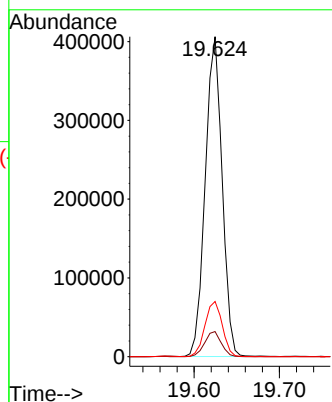
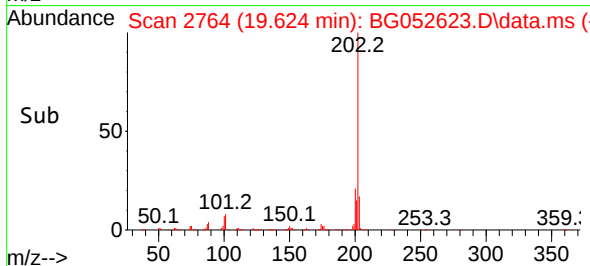


Tgt Ion:202 Resp: 558864  
Ion Ratio Lower Upper  
202 100  
101 7.8 0.0 27.3  
203 17.3 0.0 37.7

Manual Integrations

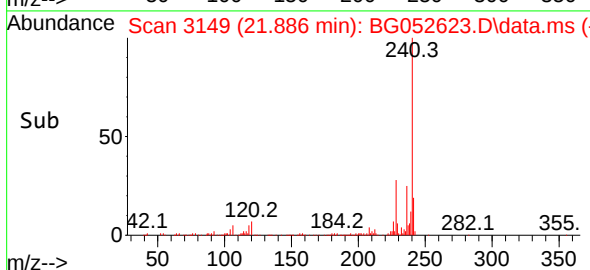
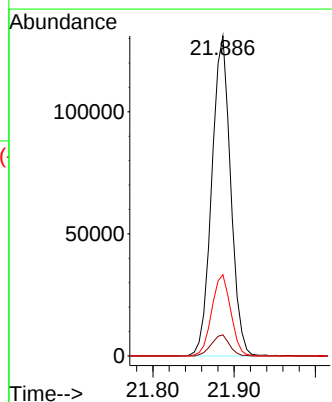
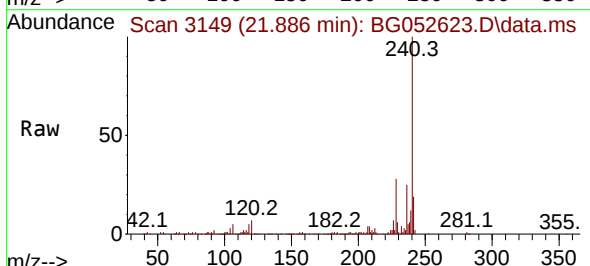
APPROVED

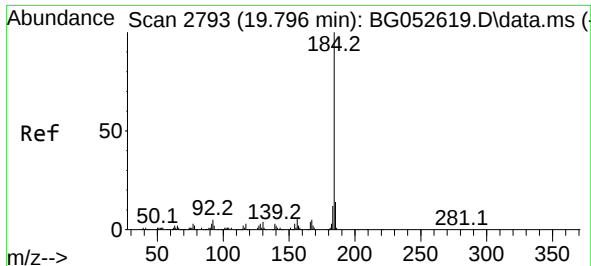
Reviewed By :Christian Giraldo 03/10/2022  
Supervised By :Jagrut Upadhyay 03/10/2022



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.886 min Scan# 3149  
Delta R.T. -0.001 min  
Lab File: BG052623.D  
Acq: 9 Mar 2022 22:16

Tgt Ion:240 Resp: 211057  
Ion Ratio Lower Upper  
240 100  
120 6.6 5.4 8.0  
236 25.4 19.8 29.6





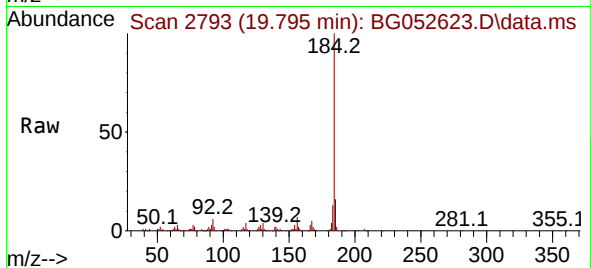
#77  
Benzidine  
Concen: 38.395 ng  
RT: 19.795 min Scan# 21  
Delta R.T. -0.001 min  
Lab File: BG052623.D  
Acq: 9 Mar 2022 22:16

Instrument :

BNA\_G

ClientSampleId :

ICVBG030922

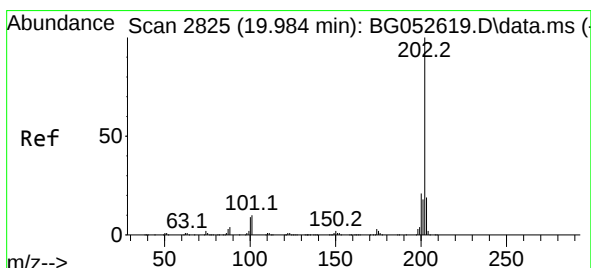
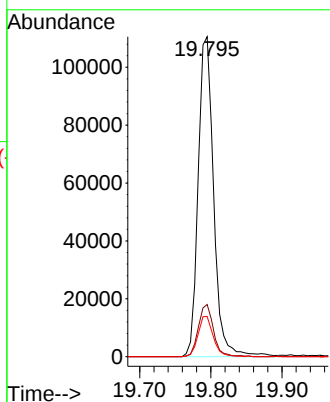
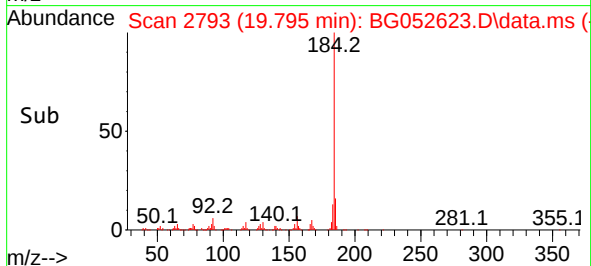


Tgt Ion:184 Resp: 168104  
Ion Ratio Lower Upper  
184 100  
185 16.3 11.5 17.3  
183 12.6 9.4 14.2

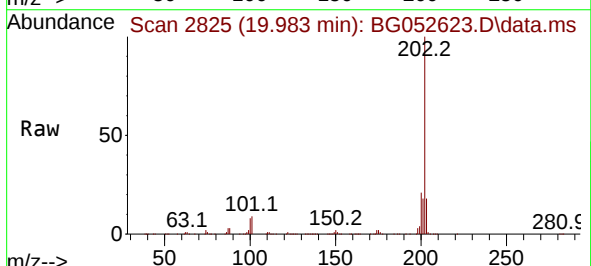
Manual Integrations

APPROVED

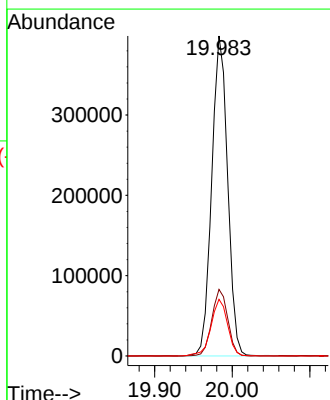
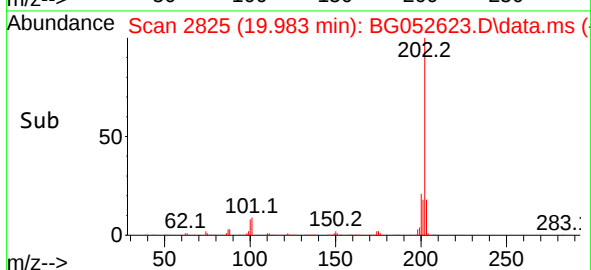
Reviewed By :Christian Giraldo 03/10/2022  
Supervised By :Jagrut Upadhyay 03/10/2022

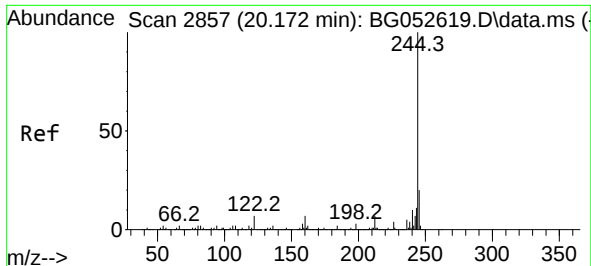


#78  
Pyrene  
Concen: 40.292 ng  
RT: 19.983 min Scan# 2825  
Delta R.T. -0.001 min  
Lab File: BG052623.D  
Acq: 9 Mar 2022 22:16



Tgt Ion:202 Resp: 568420  
Ion Ratio Lower Upper  
202 100  
200 20.8 17.0 25.6  
203 17.7 15.0 22.6





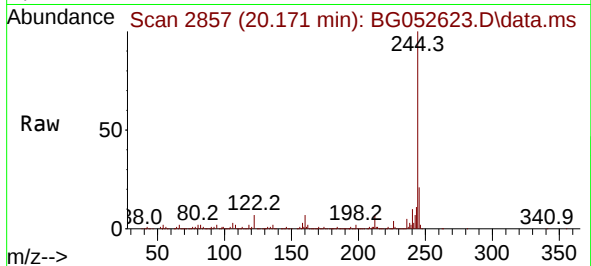
#79  
 Terphenyl-d14  
 Concen: 79.690 ng  
 RT: 20.171 min Scan# 2857  
 Delta R.T. -0.001 min  
 Lab File: BG052623.D  
 Acq: 9 Mar 2022 22:16

Instrument :

BNA\_G

ClientSampleId :

ICVBG030922

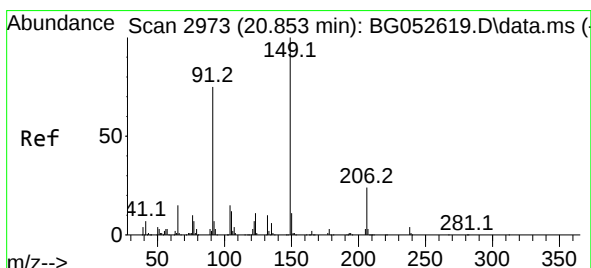
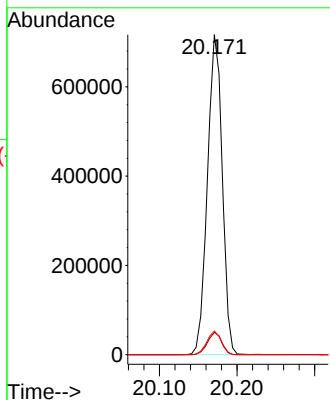
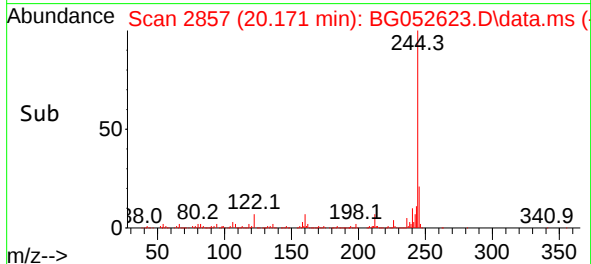


Tgt Ion:244 Resp: 950475  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 5.4 8.2  
 122 7.4 5.8 8.6

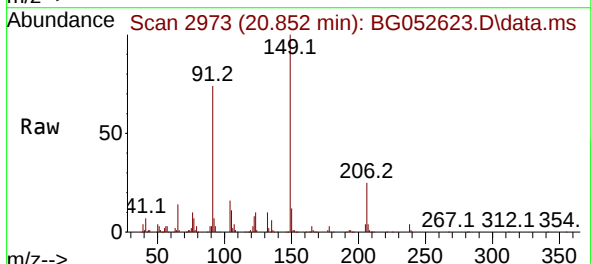
Manual Integrations

APPROVED

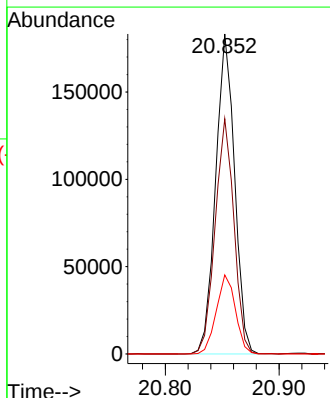
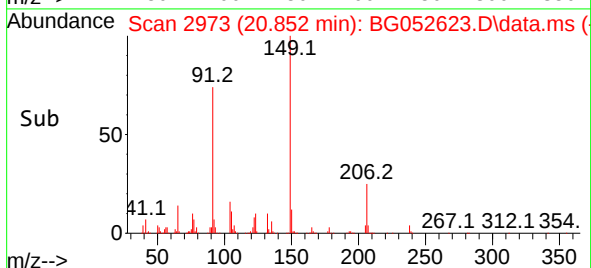
Reviewed By :Christian Giraldo 03/10/2022  
 Supervised By :Jagrut Upadhyay 03/10/2022

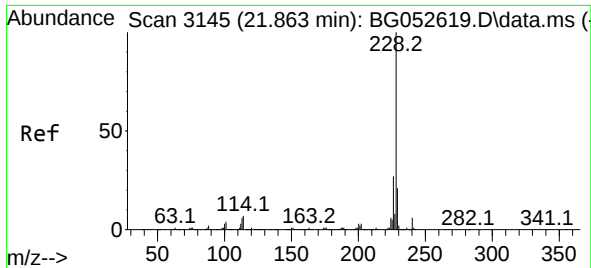


#80  
 Butylbenzylphthalate  
 Concen: 41.344 ng  
 RT: 20.852 min Scan# 2973  
 Delta R.T. -0.001 min  
 Lab File: BG052623.D  
 Acq: 9 Mar 2022 22:16



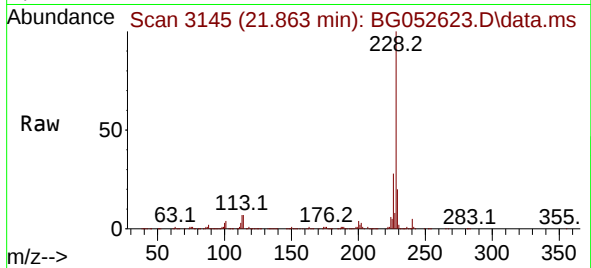
Tgt Ion:149 Resp: 212105  
 Ion Ratio Lower Upper  
 149 100  
 91 73.5 60.2 90.4  
 206 24.7 19.4 29.2





#81  
Benzo(a)anthracene  
Concen: 40.156 ng  
RT: 21.863 min Scan# 3145  
Delta R.T. -0.001 min  
Lab File: BG052623.D  
Acq: 9 Mar 2022 22:16

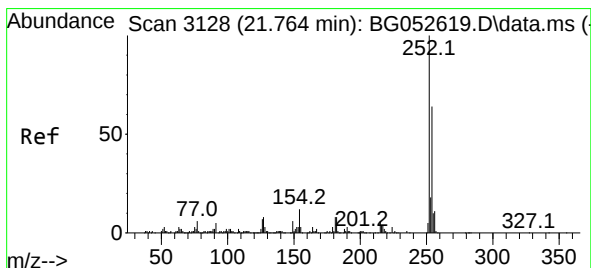
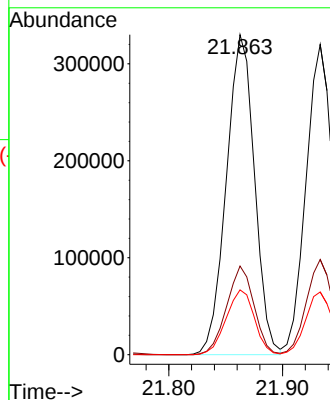
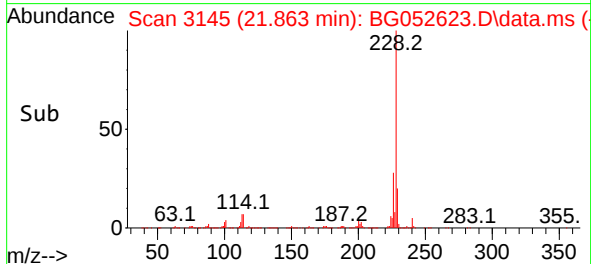
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG030922



Tgt Ion:228 Resp: 567838  
Ion Ratio Lower Upper  
228 100  
226 27.7 21.4 32.0  
229 20.3 16.7 25.1

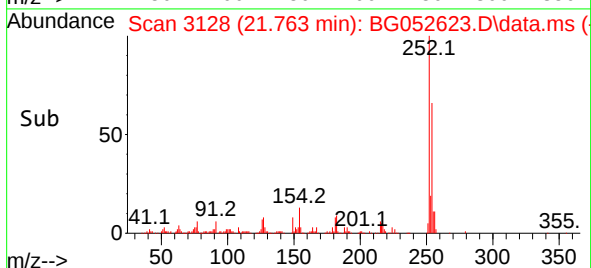
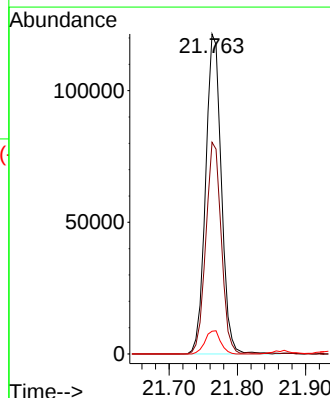
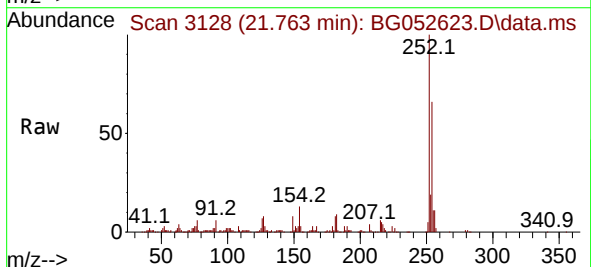
Manual Integrations  
APPROVED

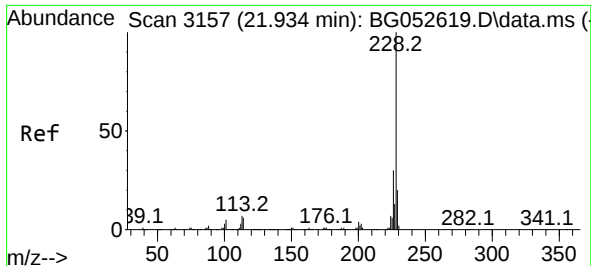
Reviewed By :Christian Giraldo 03/10/2022  
Supervised By :Jagrut Upadhyay 03/10/2022



#82  
3,3'-Dichlorobenzidine  
Concen: 39.572 ng  
RT: 21.763 min Scan# 3128  
Delta R.T. -0.001 min  
Lab File: BG052623.D  
Acq: 9 Mar 2022 22:16

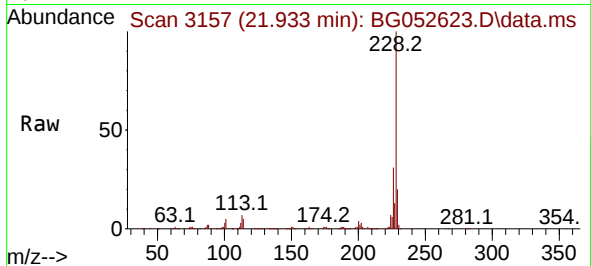
Tgt Ion:252 Resp: 194374  
Ion Ratio Lower Upper  
252 100  
254 66.2 51.2 76.8  
126 7.1 5.8 8.8





#83  
Chrysene  
Concen: 39.894 ng  
RT: 21.933 min Scan# 3157  
Delta R.T. -0.001 min  
Lab File: BG052623.D  
Acq: 9 Mar 2022 22:16

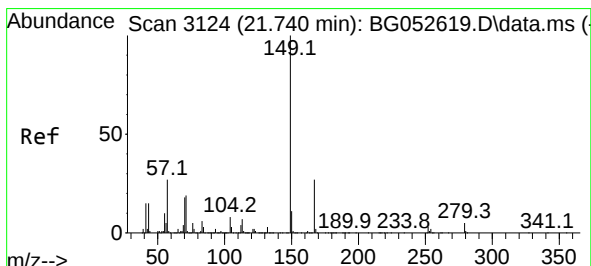
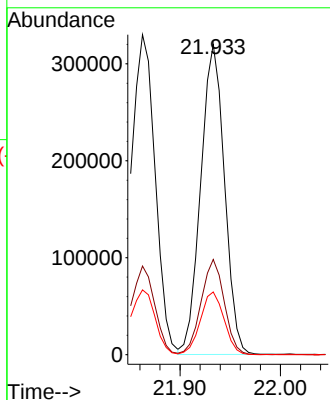
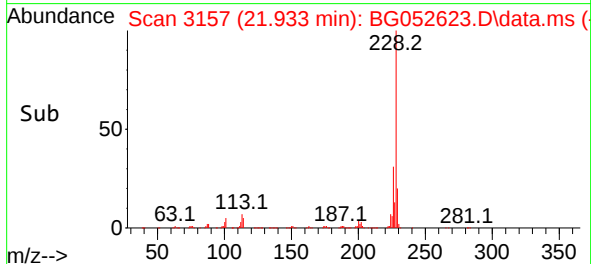
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG030922



Tgt Ion:228 Resp: 527450  
Ion Ratio Lower Upper  
228 100  
226 30.7 24.2 36.4  
229 20.2 16.3 24.5

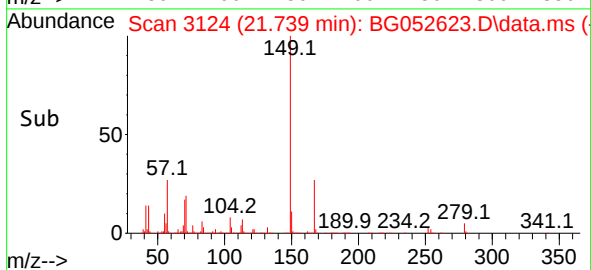
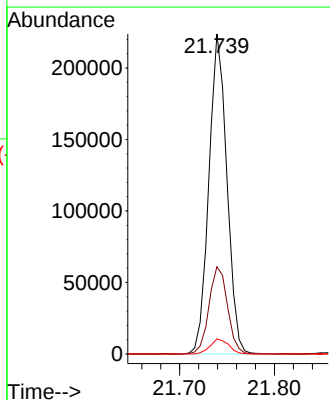
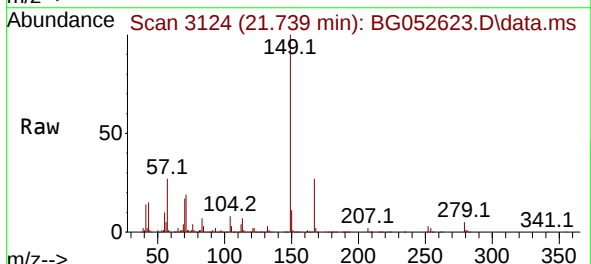
Manual Integrations  
APPROVED

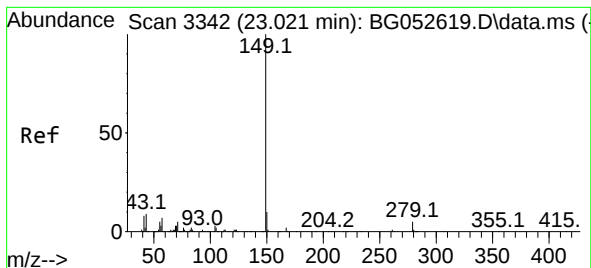
Reviewed By :Christian Giraldo 03/10/2022  
Supervised By :Jagrut Upadhyay 03/10/2022



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 41.209 ng  
RT: 21.739 min Scan# 3124  
Delta R.T. -0.001 min  
Lab File: BG052623.D  
Acq: 9 Mar 2022 22:16

Tgt Ion:149 Resp: 295529  
Ion Ratio Lower Upper  
149 100  
167 27.2 21.4 32.2  
279 4.7 3.8 5.8





#85

Di-n-octyl phthalate

Concen: 41.768 ng

RT: 23.020 min Scan# 31

Delta R.T. -0.001 min

Lab File: BG052623.D

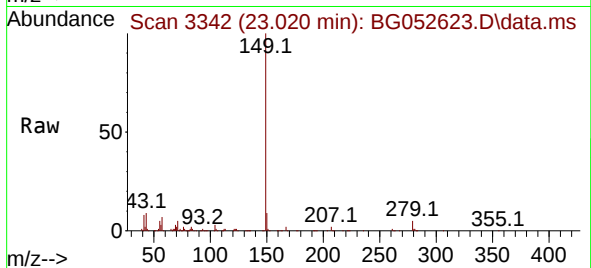
Acq: 9 Mar 2022 22:16

Instrument :

BNA\_G

ClientSampleId :

ICVBG030922



Tgt Ion:149 Resp: 496558

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

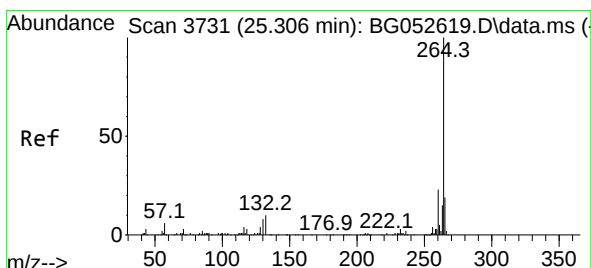
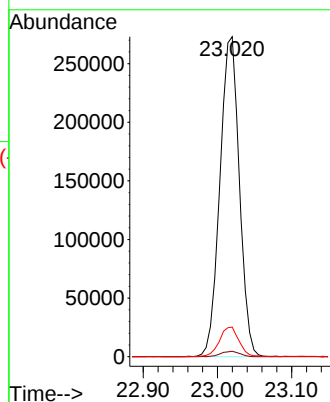
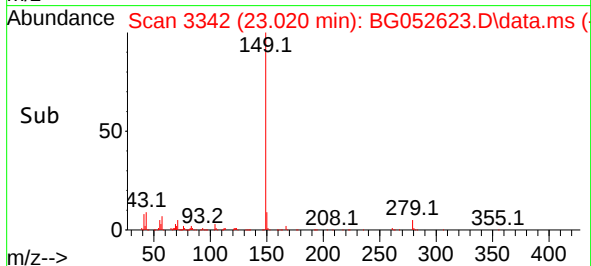
43 9.4 7.6 11.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/10/2022

Supervised By :Jagrut Upadhyay 03/10/2022



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.299 min Scan# 3730

Delta R.T. -0.007 min

Lab File: BG052623.D

Acq: 9 Mar 2022 22:16

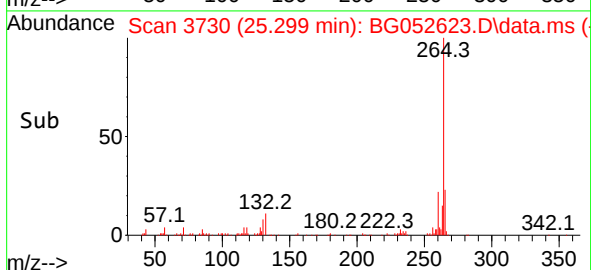
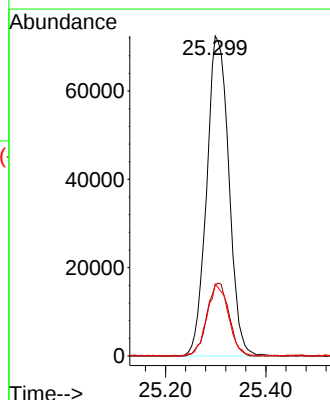
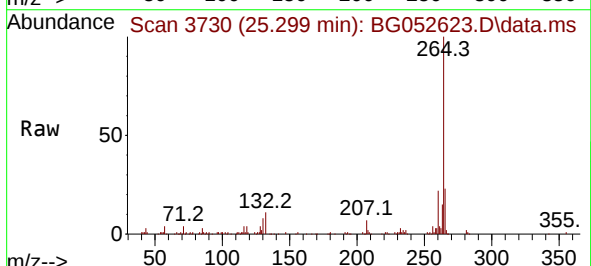
Tgt Ion:264 Resp: 222010

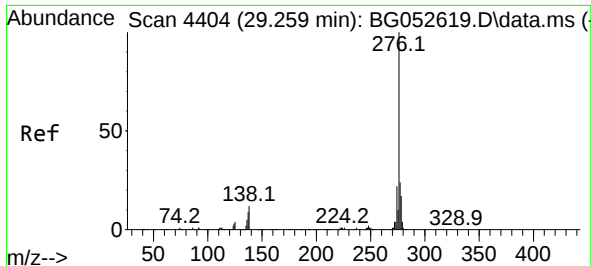
Ion Ratio Lower Upper

264 100

260 22.2 18.2 27.2

265 22.5 15.1 22.7





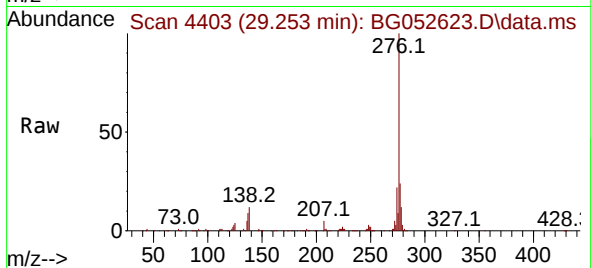
#87  
Indeno(1,2,3-cd)pyrene  
Concen: 40.470 ng  
RT: 29.253 min Scan# 4404  
Delta R.T. -0.007 min  
Lab File: BG052623.D  
Acq: 9 Mar 2022 22:16

Instrument :

BNA\_G

ClientSampleId :

ICVBG030922

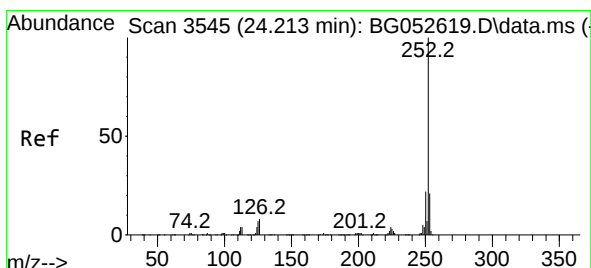
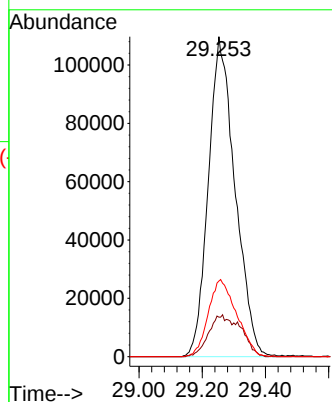
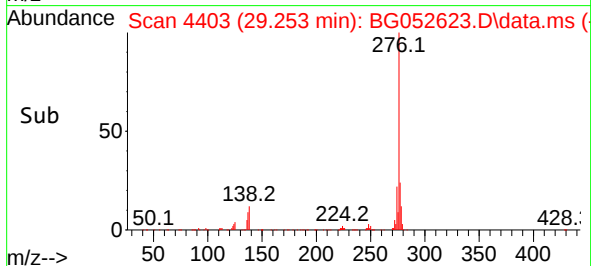


Tgt Ion:276 Resp: 64387  
Ion Ratio Lower Upper  
276 100  
138 15.8 8.7 13.1  
277 25.6 20.2 30.4

Manual Integrations

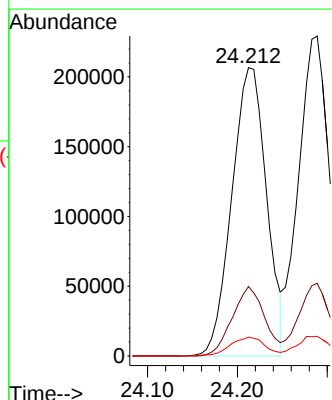
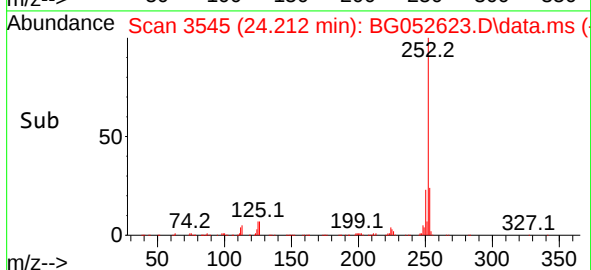
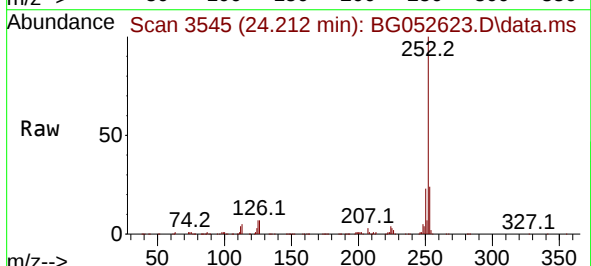
APPROVED

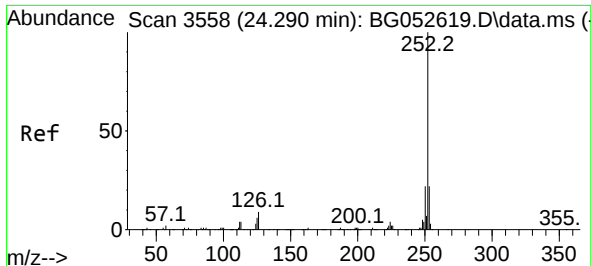
Reviewed By :Christian Giraldo 03/10/2022  
Supervised By :Jagrut Upadhyay 03/10/2022



#88  
Benzo(b)fluoranthene  
Concen: 40.466 ng  
RT: 24.212 min Scan# 3545  
Delta R.T. -0.001 min  
Lab File: BG052623.D  
Acq: 9 Mar 2022 22:16

Tgt Ion:252 Resp: 554677  
Ion Ratio Lower Upper  
252 100  
253 24.1 17.2 25.8  
125 6.5 5.2 7.8





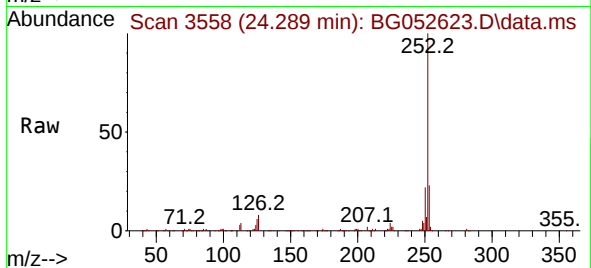
#89  
Benzo(k)fluoranthene  
Concen: 40.283 ng  
RT: 24.289 min Scan# 3558  
Delta R.T. -0.001 min  
Lab File: BG052623.D  
Acq: 9 Mar 2022 22:16

Instrument :

BNA\_G

ClientSampleId :

ICVBG030922

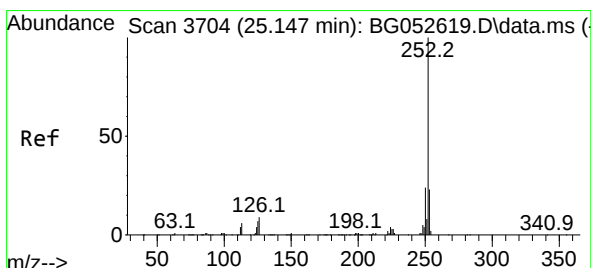
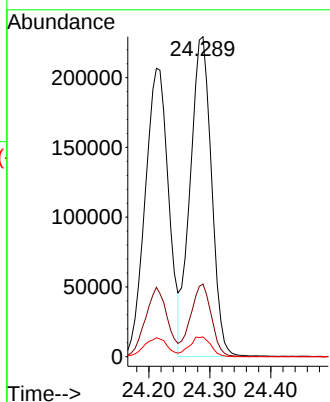
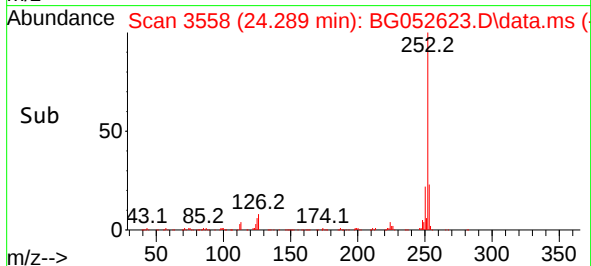


Tgt Ion:252 Resp: 555310  
Ion Ratio Lower Upper  
252 100  
253 22.7 17.4 26.0  
125 6.1 5.0 7.4

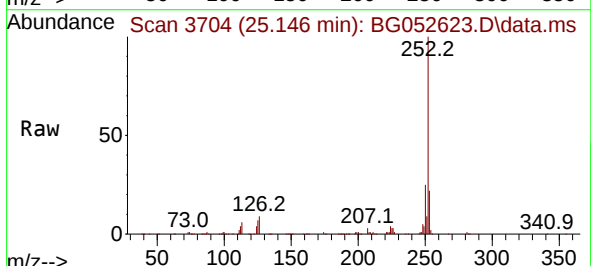
Manual Integrations

APPROVED

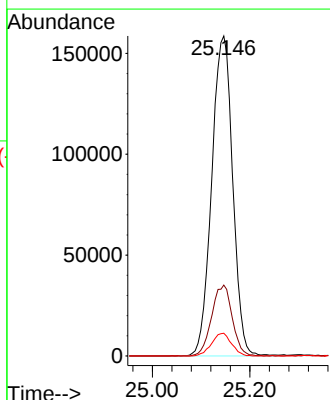
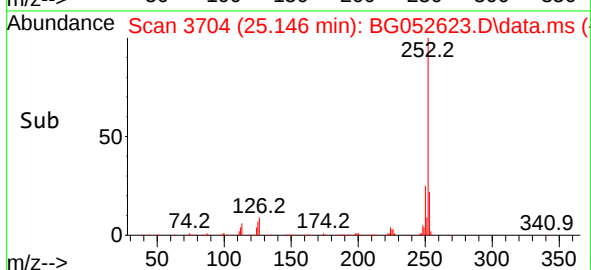
Reviewed By :Christian Giraldo 03/10/2022  
Supervised By :Jagrut Upadhyay 03/10/2022

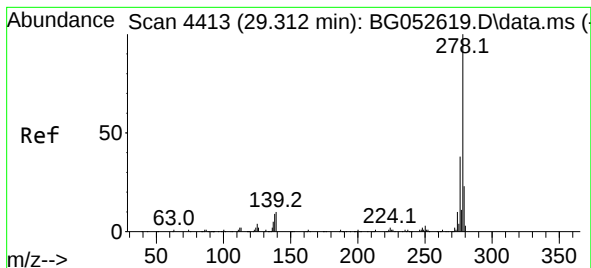


#90  
Benzo(a)pyrene  
Concen: 40.866 ng  
RT: 25.146 min Scan# 3704  
Delta R.T. -0.001 min  
Lab File: BG052623.D  
Acq: 9 Mar 2022 22:16



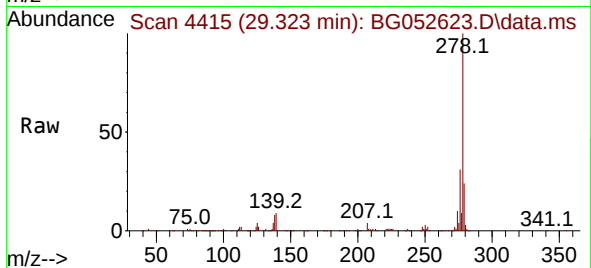
Tgt Ion:252 Resp: 473948  
Ion Ratio Lower Upper  
252 100  
253 22.2 18.4 27.6  
125 7.1 5.6 8.4





#91  
Dibenzo(a,h)anthracene  
Concen: 40.329 ng  
RT: 29.323 min Scan# 4413  
Delta R.T. 0.011 min  
Lab File: BG052623.D  
Acq: 9 Mar 2022 22:16

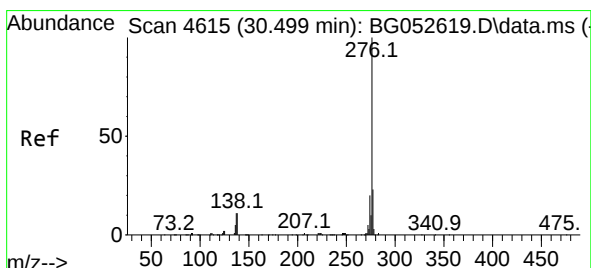
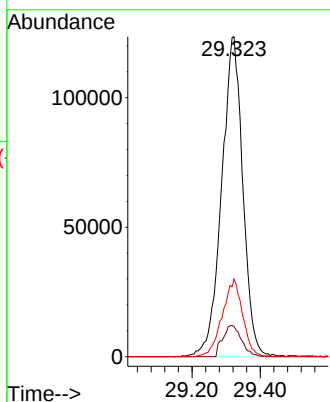
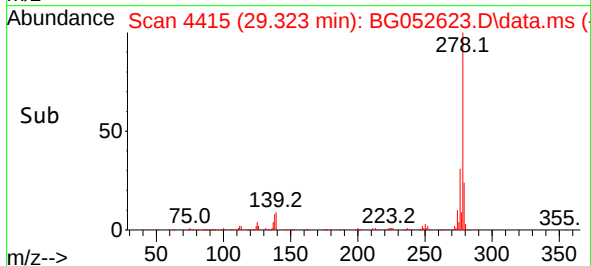
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG030922



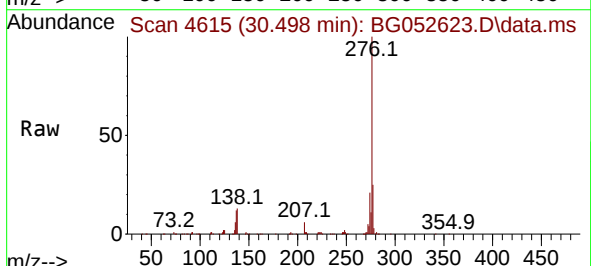
Tgt Ion: 278 Resp: 532434  
Ion Ratio Lower Upper  
278 100  
139 9.4 7.8 11.6  
279 24.2 18.5 27.7

Manual Integrations  
APPROVED

Reviewed By : Christian Giraldo 03/10/2022  
Supervised By : Jagrut Upadhyay 03/10/2022



#92  
Benzo(g,h,i)perylene  
Concen: 40.533 ng  
RT: 30.498 min Scan# 4615  
Delta R.T. -0.001 min  
Lab File: BG052623.D  
Acq: 9 Mar 2022 22:16



Tgt Ion: 276 Resp: 522314  
Ion Ratio Lower Upper  
276 100  
277 24.7 18.2 27.2  
138 12.9 9.1 13.7

