

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG061422\  
 Data File : BG053899.D  
 Acq On : 14 Jun 2022 12:21  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

## Instrument :

BNA\_G

## ClientSampleId :

SSTDCCC040

## Manual Integrations

## APPROVED

Reviewed By :Christian Giraldo 06/15/2022  
 Supervised By :Jagrut Upadhyay 06/15/2022

Quant Time: Jun 15 02:58:18 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG061322.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 13 15:49:31 2022

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.087  | 152  | 23675    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.896 | 136  | 90126    | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.709 | 164  | 67158    | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.453 | 188  | 168518   | 20.000 | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.730 | 240  | 192982   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 24.997 | 264  | 203521   | 20.000 | ng    | 0.01     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.649  | 112  | 102757   | 82.983 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.236  | 99   | 140031   | 83.360 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.245  | 82   | 132410   | 82.561 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.196 | 330  | 86447    | 80.117 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.340 | 172  | 367318   | 79.533 | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.062 | 244  | 755289   | 78.827 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.552  | 88   | 22395    | 41.372 | ng    | 98       |
| 3) Pyridine                   | 3.945  | 79   | 61900    | 42.852 | ng    | 93       |
| 4) n-Nitrosodimethylamine     | 3.857  | 42   | 26558    | 41.798 | ng    | # 97     |
| 6) Aniline                    | 7.406  | 93   | 81595    | 40.969 | ng    | 99       |
| 8) 2-Chlorophenol             | 7.647  | 128  | 54868    | 41.498 | ng    | 95       |
| 9) Benzaldehyde               | 7.218  | 77   | 37247    | 37.570 | ng    | # 77     |
| 10) Phenol                    | 7.265  | 94   | 70197    | 41.234 | ng    | 94       |
| 11) bis(2-Chloroethyl)ether   | 7.500  | 93   | 53217    | 40.727 | ng    | 94       |
| 12) 1,3-Dichlorobenzene       | 7.976  | 146  | 65848    | 39.745 | ng    | 92       |
| 13) 1,4-Dichlorobenzene       | 8.123  | 146  | 66777    | 40.125 | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 8.440  | 146  | 64479    | 40.360 | ng    | 95       |
| 15) Benzyl Alcohol            | 8.317  | 79   | 52091    | 41.490 | ng    | 94       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.616  | 45   | 79601    | 40.751 | ng    | 100      |
| 17) 2-Methylphenol            | 8.522  | 107  | 47581    | 40.233 | ng    | 92       |
| 18) Hexachloroethane          | 9.180  | 117  | 22898    | 41.475 | ng    | # 80     |
| 19) n-Nitroso-di-n-propyla... | 8.887  | 70   | 45467    | 40.288 | ng    | # 93     |
| 20) 3+4-Methylphenols         | 8.845  | 107  | 67097    | 40.456 | ng    | 96       |
| 22) Acetophenone              | 8.904  | 105  | 88438    | 40.369 | ng    | # 96     |
| 24) Nitrobenzene              | 9.286  | 77   | 65338    | 41.372 | ng    | # 84     |
| 25) Isophorone                | 9.809  | 82   | 121047   | 40.413 | ng    | # 94     |
| 26) 2-Nitrophenol             | 10.003 | 139  | 28652    | 41.075 | ng    | # 81     |
| 27) 2,4-Dimethylphenol        | 10.056 | 122  | 45888    | 40.643 | ng    | 89       |
| 28) bis(2-Chloroethoxy)met... | 10.291 | 93   | 65077    | 40.331 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.538 | 162  | 63915    | 42.222 | ng    | 88       |
| 30) 1,2,4-Trichlorobenzene    | 10.755 | 180  | 75553    | 40.308 | ng    | 96       |
| 31) Naphthalene               | 10.949 | 128  | 181270   | 39.841 | ng    | 100      |
| 32) Benzoic acid              | 10.209 | 122  | 14516m   | 33.858 | ng    |          |
| 33) 4-Chloroaniline           | 11.043 | 127  | 76944    | 40.765 | ng    | # 91     |
| 34) Hexachlorobutadiene       | 11.237 | 225  | 58912    | 40.881 | ng    | 95       |
| 35) Caprolactam               | 11.813 | 113  | 17593    | 42.217 | ng    | # 81     |
| 36) 4-Chloro-3-methylphenol   | 12.159 | 107  | 59741    | 40.597 | ng    | 87       |
| 37) 2-Methylnaphthalene       | 12.547 | 142  | 135489   | 40.249 | ng    | 95       |
| 38) 1-Methylnaphthalene       | 12.764 | 142  | 130732   | 39.885 | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 12.911 | 216  | 103502   | 39.997 | ng    | # 96     |
| 41) Hexachlorocyclopentadiene | 12.899 | 237  | 49522    | 41.098 | ng    | 94       |
| 43) 2,4,6-Trichlorophenol     | 13.146 | 196  | 59057    | 40.628 | ng    | 99       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG061422\  
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 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

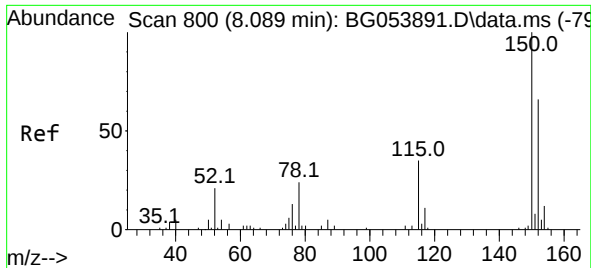
Reviewed By : Christian Giraldo 06/15/2022  
 Supervised By : Jagrut Upadhyay 06/15/2022

Quant Time: Jun 15 02:58:18 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG061322.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 13 15:49:31 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.217 | 196  | 66193    | 40.783 | ng    | # 92     |
| 46) 1,1'-Biphenyl             | 13.546 | 154  | 182873   | 39.093 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 13.593 | 162  | 151548   | 40.030 | ng    | 96       |
| 48) 2-Nitroaniline            | 13.781 | 65   | 41675    | 41.382 | ng    | 89       |
| 49) Acenaphthylene            | 14.433 | 152  | 235394   | 39.986 | ng    | 100      |
| 50) Dimethylphthalate         | 14.157 | 163  | 203628   | 39.813 | ng    | 97       |
| 51) 2,6-Dinitrotoluene        | 14.274 | 165  | 43577    | 42.170 | ng    | # 77     |
| 52) Acenaphthene              | 14.774 | 154  | 150142   | 40.011 | ng    | 100      |
| 53) 3-Nitroaniline            | 14.603 | 138  | 41215    | 41.168 | ng    | 86       |
| 54) 2,4-Dinitrophenol         | 14.809 | 184  | 18719    | 36.986 | ng    | # 75     |
| 55) Dibenzofuran              | 15.109 | 168  | 241244   | 39.902 | ng    | 94       |
| 56) 4-Nitrophenol             | 14.903 | 139  | 31327    | 44.074 | ng    | # 80     |
| 57) 2,4-Dinitrotoluene        | 15.062 | 165  | 61122    | 41.881 | ng    | 86       |
| 58) Fluorene                  | 15.755 | 166  | 199960   | 40.282 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.332 | 232  | 63659    | 40.107 | ng    | # 90     |
| 60) Diethylphthalate          | 15.520 | 149  | 199693   | 40.316 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 15.749 | 204  | 116736   | 39.280 | ng    | # 87     |
| 62) 4-Nitroaniline            | 15.767 | 138  | 42999    | 41.184 | ng    | # 75     |
| 63) Azobenzene                | 16.037 | 77   | 162726   | 40.814 | ng    | 91       |
| 65) 4,6-Dinitro-2-methylph... | 15.825 | 198  | 34673    | 41.241 | ng    | 83       |
| 66) n-Nitrosodiphenylamine    | 15.955 | 169  | 176948   | 40.290 | ng    | 96       |
| 67) 4-Bromophenyl-phenylether | 16.642 | 248  | 84594    | 40.193 | ng    | 92       |
| 68) Hexachlorobenzene         | 16.766 | 284  | 94912    | 39.423 | ng    | # 93     |
| 69) Atrazine                  | 16.901 | 200  | 74988    | 41.217 | ng    | 95       |
| 70) Pentachlorophenol         | 17.106 | 266  | 44356    | 39.662 | ng    | 94       |
| 71) Phenanthrene              | 17.494 | 178  | 347458   | 40.132 | ng    | 97       |
| 72) Anthracene                | 17.588 | 178  | 342071   | 40.459 | ng    | 99       |
| 73) Carbazole                 | 17.853 | 167  | 296286   | 40.827 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.411 | 149  | 346913   | 41.345 | ng    | # 97     |
| 75) Fluoranthene              | 19.504 | 202  | 459462   | 40.426 | ng    | 97       |
| 77) Benzidine                 | 19.674 | 184  | 176987   | 44.286 | ng    | 98       |
| 78) Pyrene                    | 19.862 | 202  | 463292   | 39.748 | ng    | 97       |
| 80) Butylbenzylphthalate      | 20.749 | 149  | 155032   | 41.497 | ng    | 87       |
| 81) Benzo(a)anthracene        | 21.713 | 228  | 499445   | 39.971 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 21.619 | 252  | 152891   | 40.955 | ng    | 95       |
| 83) Chrysene                  | 21.777 | 228  | 466155   | 39.138 | ng    | 96       |
| 84) Bis(2-ethylhexyl)phtha... | 21.619 | 149  | 220387   | 41.246 | ng    | 95       |
| 85) Di-n-octyl phthalate      | 22.847 | 149  | 383056   | 41.710 | ng    | # 94     |
| 87) Indeno(1,2,3-cd)pyrene    | 28.734 | 276  | 624742   | 40.677 | ng    | # 96     |
| 88) Benzo(b)fluoranthene      | 23.963 | 252  | 487993   | 39.435 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 24.034 | 252  | 500724   | 40.869 | ng    | 98       |
| 90) Benzo(a)pyrene            | 24.844 | 252  | 423687   | 40.580 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 28.799 | 278  | 511606   | 40.283 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 29.903 | 276  | 507814   | 40.516 | ng    | 95       |

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





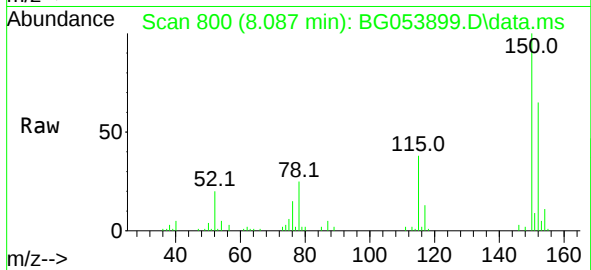
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1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.087 min Scan# 80  
Delta R.T. -0.002 min  
Lab File: BG053899.D  
Acq: 14 Jun 2022 12:21

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

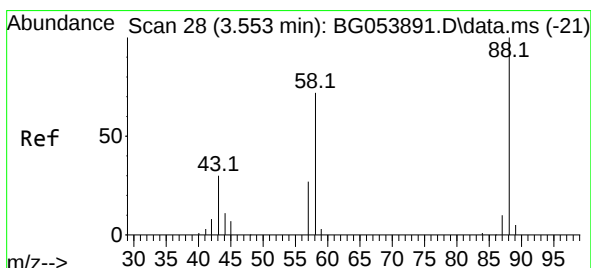
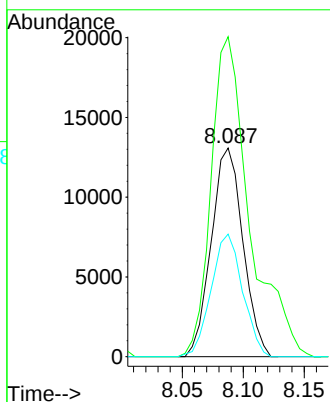
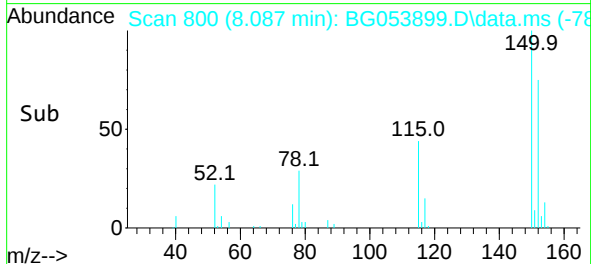


Tgt Ion:152 Resp: 2367  
Ion Ratio Lower Upper  
152 100  
150 153.3 131.6 197.4  
115 58.7 50.9 76.3

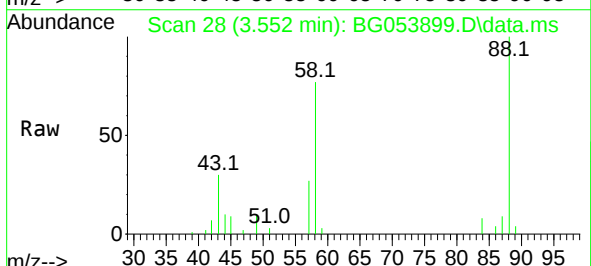
Manual Integrations

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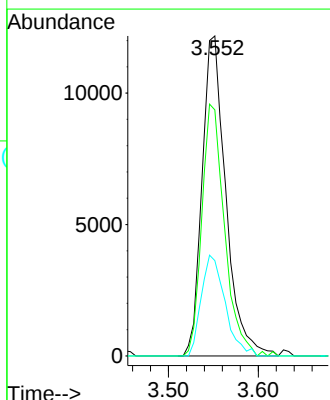
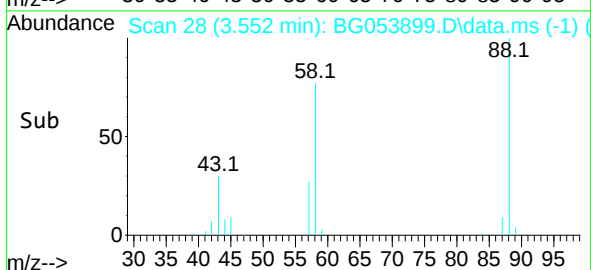
Reviewed By :Christian Giraldo 06/15/2022  
Supervised By :Jagrut Upadhyay 06/15/2022

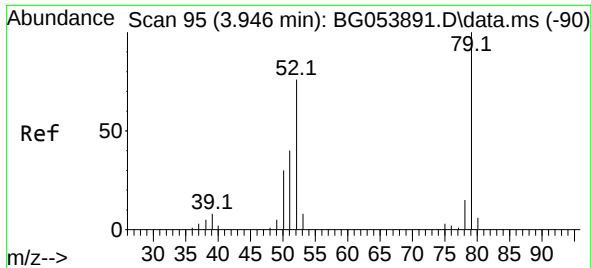


#2  
1,4-Dioxane  
Concen: 41.372 ng  
RT: 3.552 min Scan# 28  
Delta R.T. -0.001 min  
Lab File: BG053899.D  
Acq: 14 Jun 2022 12:21



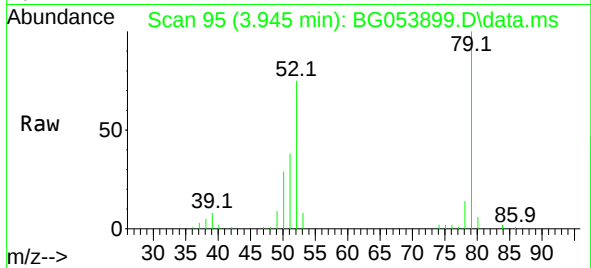
Tgt Ion: 88 Resp: 22395  
Ion Ratio Lower Upper  
88 100  
58 75.3 59.2 88.8  
43 31.5 24.3 36.5





#3  
Pyridine  
Concen: 42.852 ng  
RT: 3.945 min Scan# 90  
Delta R.T. -0.001 min  
Lab File: BG053899.D  
Acq: 14 Jun 2022 12:21

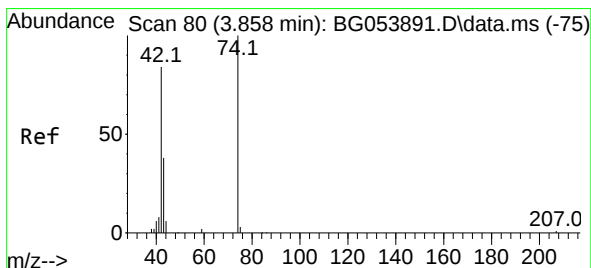
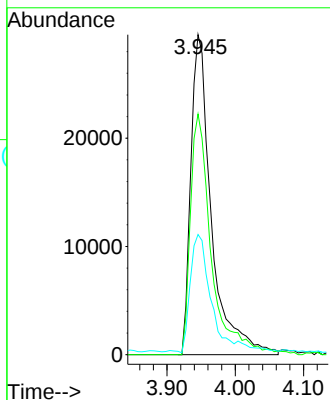
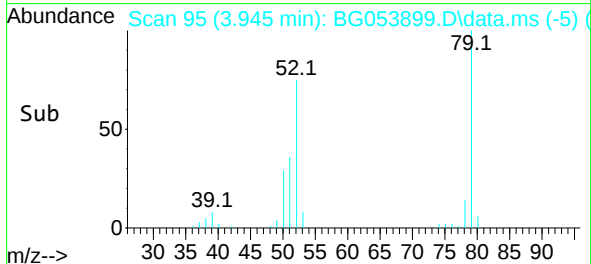
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 79 Resp: 61900  
Ion Ratio Lower Upper  
79 100  
52 75.2 54.6 81.8  
51 37.5 32.5 48.7

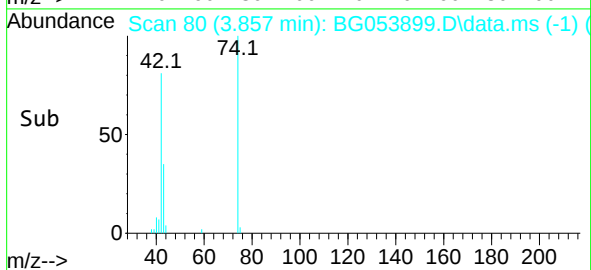
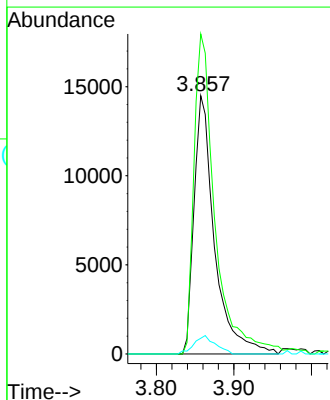
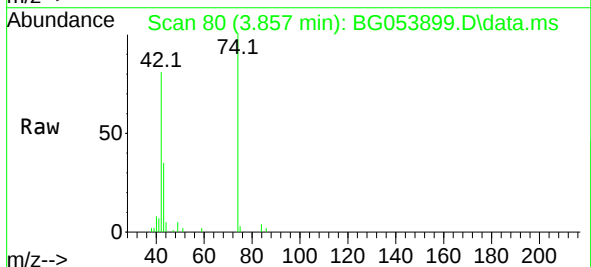
Manual Integrations  
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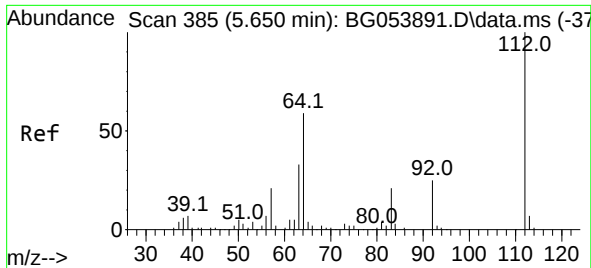
Reviewed By :Christian Giraldo 06/15/2022  
Supervised By :Jagrut Upadhyay 06/15/2022



#4  
n-Nitrosodimethylamine  
Concen: 41.798 ng  
RT: 3.857 min Scan# 80  
Delta R.T. -0.001 min  
Lab File: BG053899.D  
Acq: 14 Jun 2022 12:21

Tgt Ion: 42 Resp: 26558  
Ion Ratio Lower Upper  
42 100  
74 123.9 97.0 145.4  
44 6.1 7.0 10.4





#5  
2-Fluorophenol  
Concen: 82.983 ng  
RT: 5.649 min Scan# 385  
Delta R.T. -0.001 min  
Lab File: BG053899.D  
Acq: 14 Jun 2022 12:21

Instrument :

BNA\_G

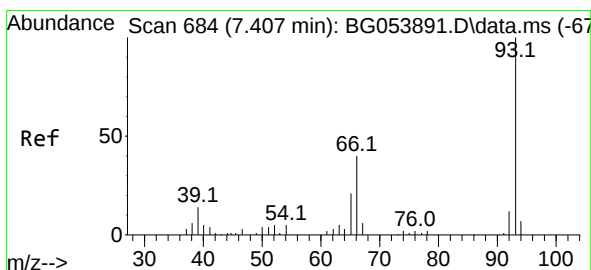
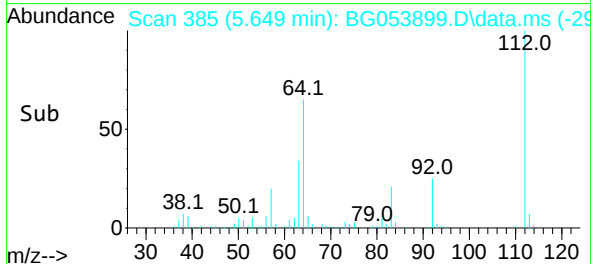
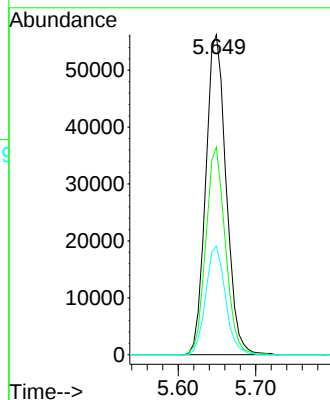
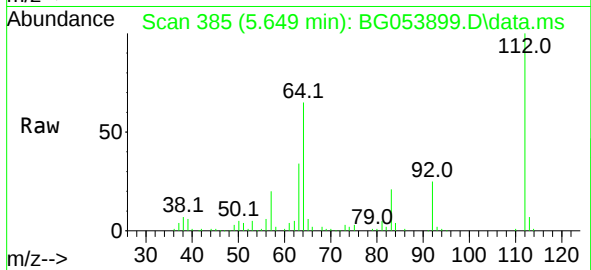
ClientSampleId :

SSTDCCC040

Tgt Ion:112 Resp: 10275  
Ion Ratio Lower Upper  
112 100  
64 64.9 55.1 82.7  
63 33.9 30.4 45.6

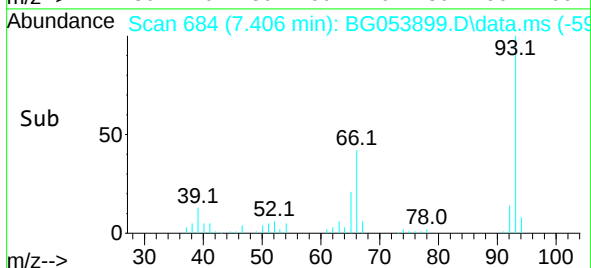
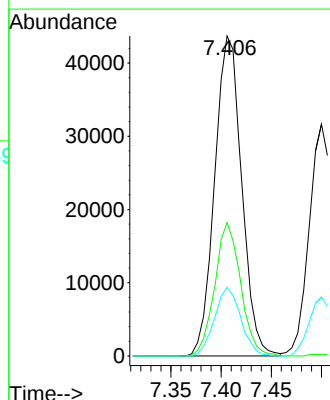
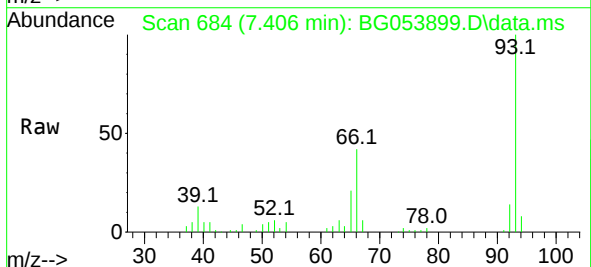
Manual Integrations  
APPROVED

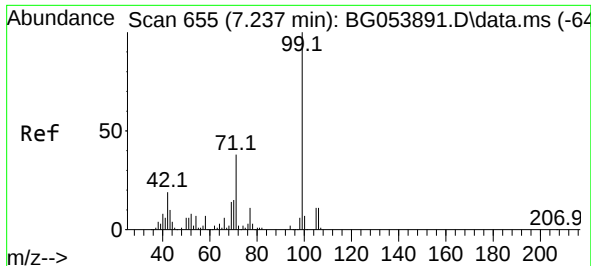
Reviewed By :Christian Giraldo 06/15/2022  
Supervised By :Jagrut Upadhyay 06/15/2022



#6  
Aniline  
Concen: 40.969 ng  
RT: 7.406 min Scan# 684  
Delta R.T. -0.001 min  
Lab File: BG053899.D  
Acq: 14 Jun 2022 12:21

Tgt Ion: 93 Resp: 81595  
Ion Ratio Lower Upper  
93 100  
66 41.7 32.9 49.3  
65 21.4 17.8 26.8





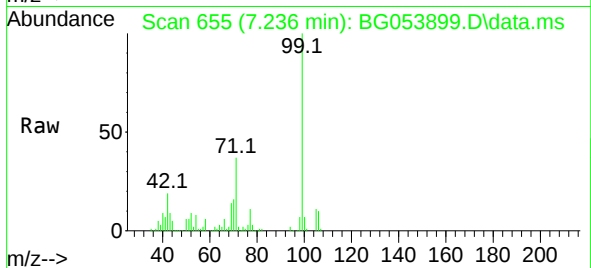
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Phenol-d6  
Concen: 83.360 ng  
RT: 7.236 min Scan# 611  
Delta R.T. -0.001 min  
Lab File: BG053899.D  
Acq: 14 Jun 2022 12:21

Instrument :

BNA\_G

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SSTDCCC040

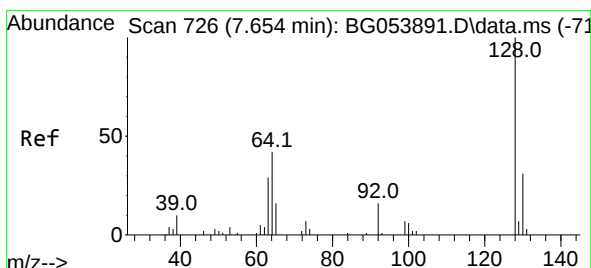
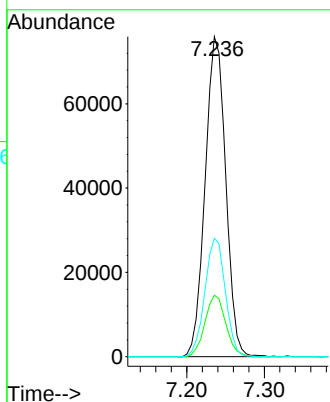
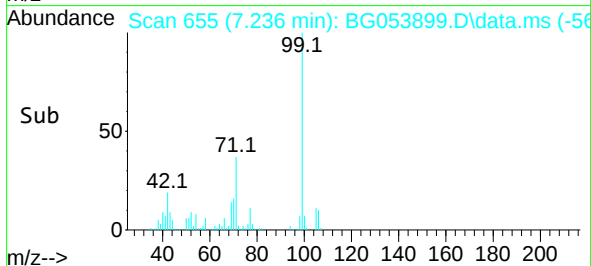


Tgt Ion: 99 Resp: 14003  
Ion Ratio Lower Upper  
99 100  
42 19.2 17.0 25.6  
71 37.0 33.8 50.8

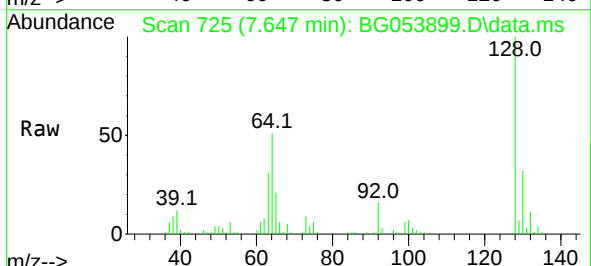
Manual Integrations

APPROVED

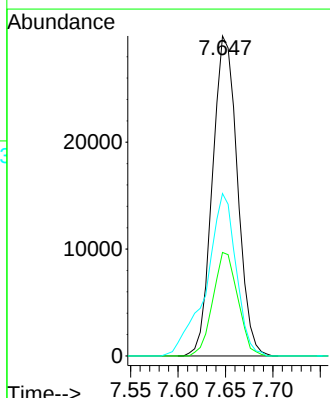
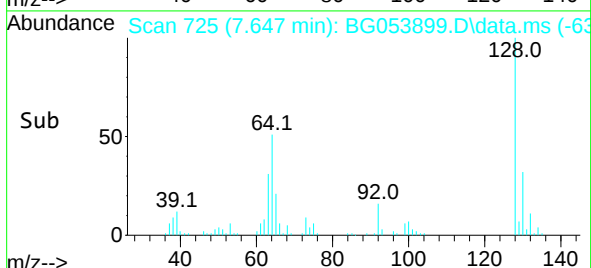
Reviewed By :Christian Giraldo 06/15/2022  
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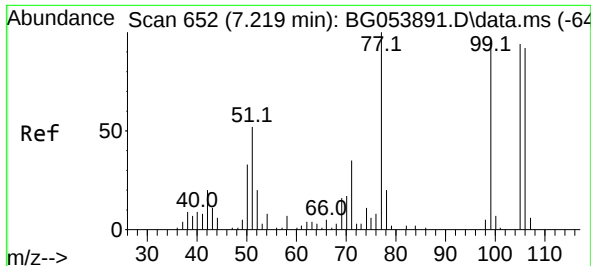


#8  
2-Chlorophenol  
Concen: 41.498 ng  
RT: 7.647 min Scan# 725  
Delta R.T. -0.007 min  
Lab File: BG053899.D  
Acq: 14 Jun 2022 12:21



Tgt Ion:128 Resp: 54868  
Ion Ratio Lower Upper  
128 100  
130 32.4 10.5 50.5  
64 50.8 35.1 75.1





#9  
Benzaldehyde  
Concen: 37.570 ng  
RT: 7.218 min Scan# 61  
Delta R.T. -0.001 min  
Lab File: BG053899.D  
Acq: 14 Jun 2022 12:21

Instrument :

BNA\_G

ClientSampleId :

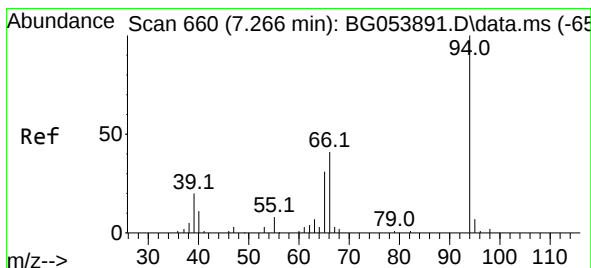
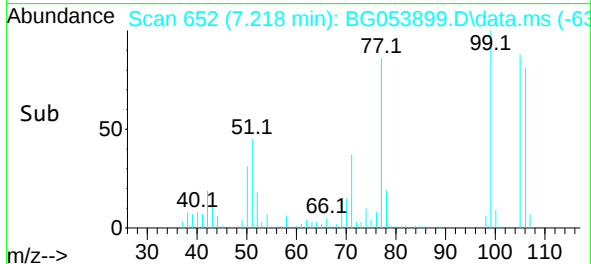
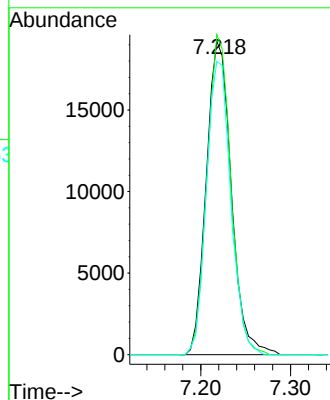
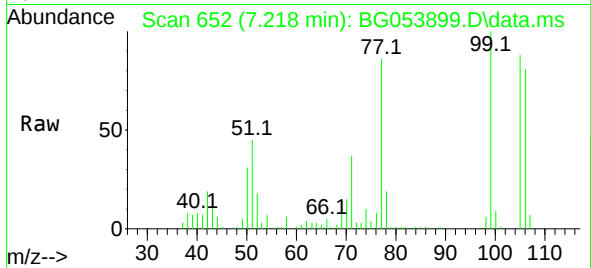
SSTDCCC040

Tgt Ion: 77 Resp: 3724  
Ion Ratio Lower Upper  
77 100  
105 102.2 59.6 99.6  
106 93.6 56.8 96.8

Manual Integrations

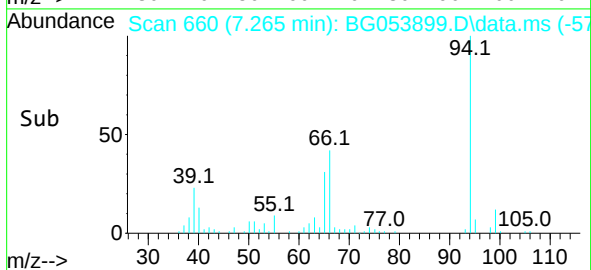
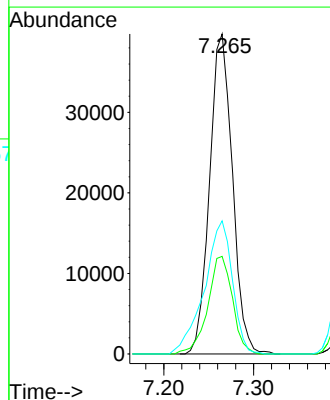
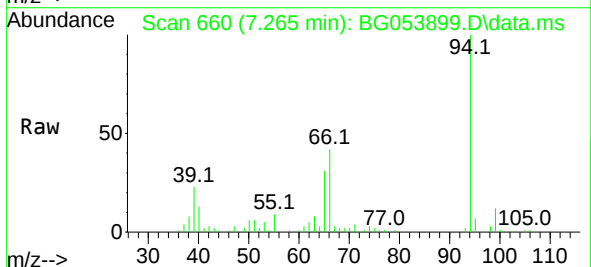
APPROVED

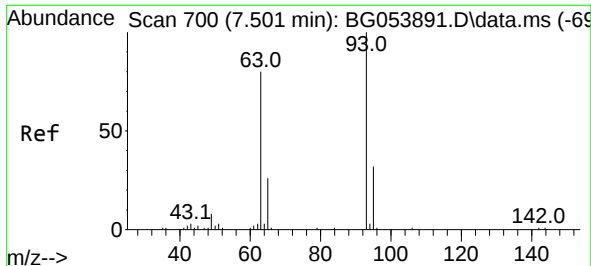
Reviewed By :Christian Giraldo 06/15/2022  
Supervised By :Jagrut Upadhyay 06/15/2022



#10  
Phenol  
Concen: 41.234 ng  
RT: 7.265 min Scan# 660  
Delta R.T. -0.001 min  
Lab File: BG053899.D  
Acq: 14 Jun 2022 12:21

Tgt Ion: 94 Resp: 70197  
Ion Ratio Lower Upper  
94 100  
65 30.5 14.8 54.8  
66 41.6 25.2 65.2





#11  
bis(2-Chloroethyl)ether  
Concen: 40.727 ng  
RT: 7.500 min Scan# 700  
Delta R.T. -0.001 min  
Lab File: BG053899.D  
Acq: 14 Jun 2022 12:21

Instrument :

BNA\_G

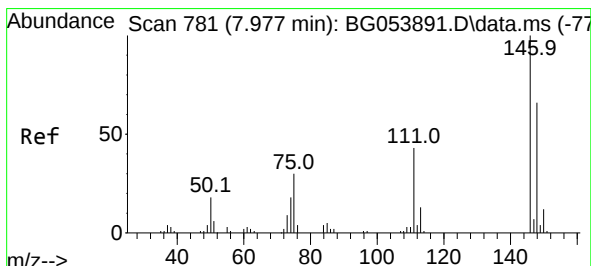
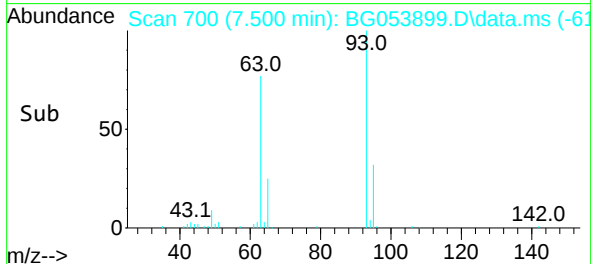
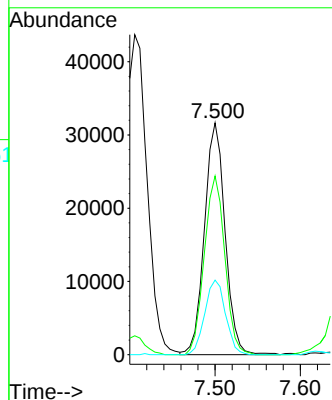
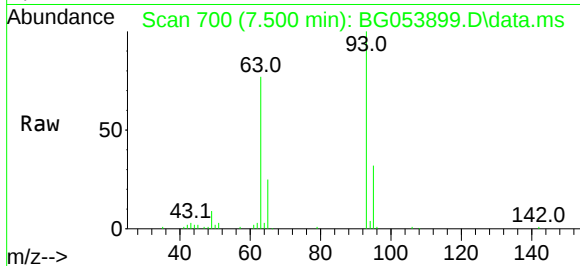
ClientSampleId :

SSTDCCC040

Tgt Ion: 93 Resp: 5321  
Ion Ratio Lower Upper  
93 100  
63 77.1 63.6 103.6  
95 32.2 10.1 50.1

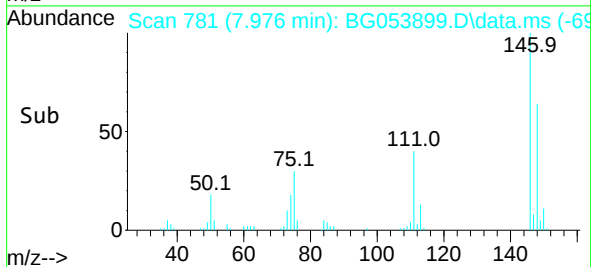
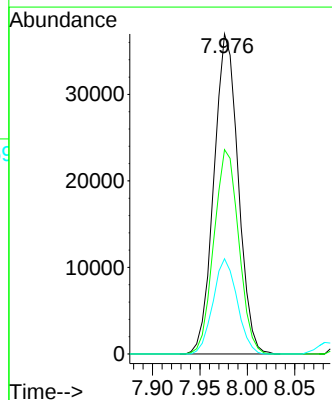
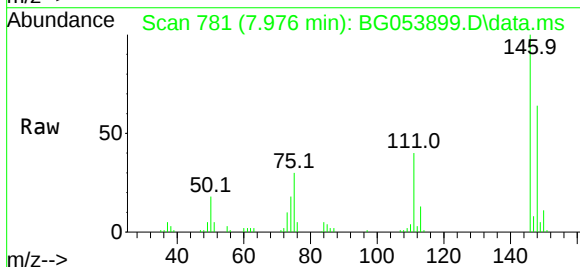
Manual Integrations  
APPROVED

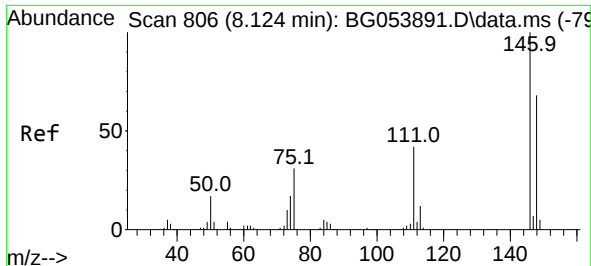
Reviewed By :Christian Giraldo 06/15/2022  
Supervised By :Jagrut Upadhyay 06/15/2022



#12  
1,3-Dichlorobenzene  
Concen: 39.745 ng  
RT: 7.976 min Scan# 781  
Delta R.T. -0.001 min  
Lab File: BG053899.D  
Acq: 14 Jun 2022 12:21

Tgt Ion:146 Resp: 65848  
Ion Ratio Lower Upper  
146 100  
148 63.9 46.1 69.1  
75 29.8 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 40.125 ng

RT: 8.123 min Scan# 80

Delta R.T. -0.001 min

Lab File: BG053899.D

Acq: 14 Jun 2022 12:21

Instrument :

BNA\_G

ClientSampleId :

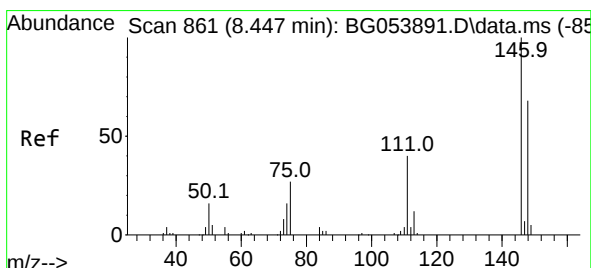
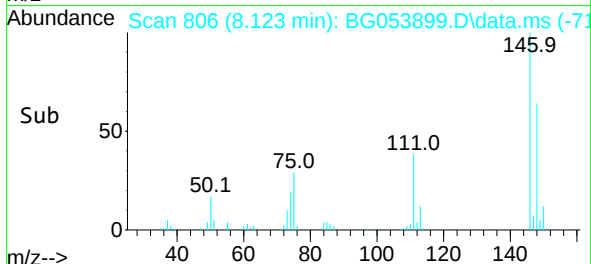
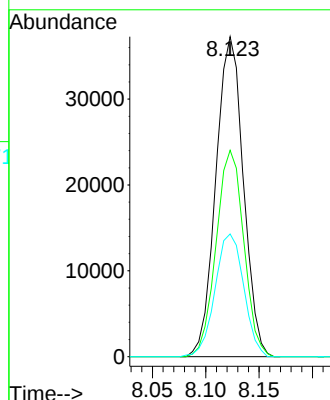
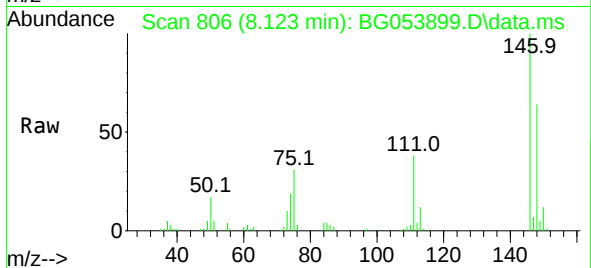
SSTDCCC040

Tgt Ion:146 Resp: 6677  
 Ion Ratio Lower Upper  
 146 100  
 148 64.5 51.5 77.3  
 111 38.3 33.9 50.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/15/2022  
 Supervised By :Jagrut Upadhyay 06/15/2022



#14

1,2-Dichlorobenzene

Concen: 40.360 ng

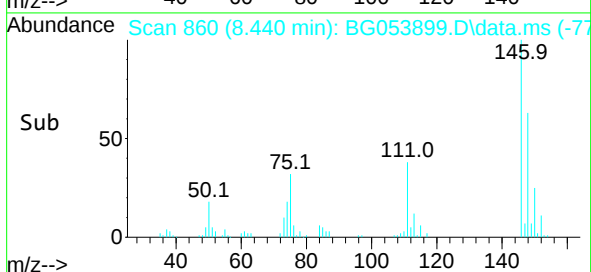
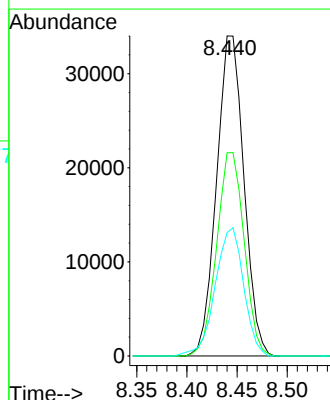
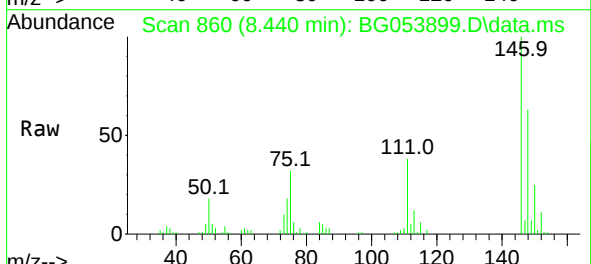
RT: 8.440 min Scan# 860

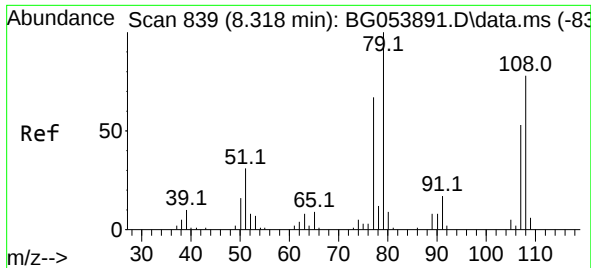
Delta R.T. -0.007 min

Lab File: BG053899.D

Acq: 14 Jun 2022 12:21

Tgt Ion:146 Resp: 64479  
 Ion Ratio Lower Upper  
 146 100  
 148 63.5 52.6 78.8  
 111 38.5 34.5 51.7





#15  
Benzyl Alcohol  
Concen: 41.490 ng  
RT: 8.317 min Scan# 81  
Delta R.T. -0.001 min  
Lab File: BG053899.D  
Acq: 14 Jun 2022 12:21

Instrument :

BNA\_G

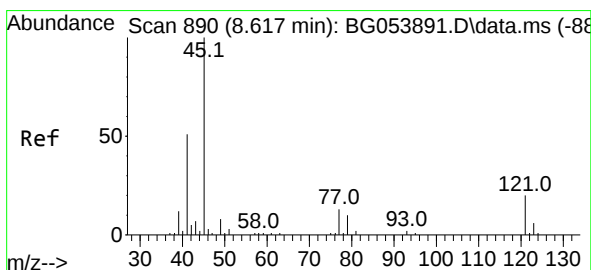
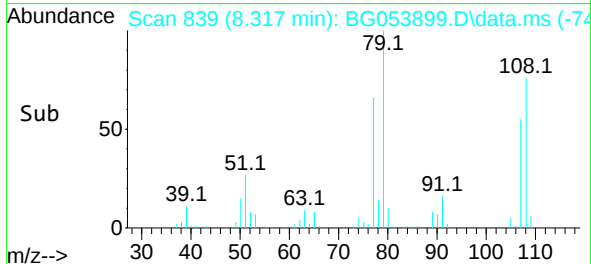
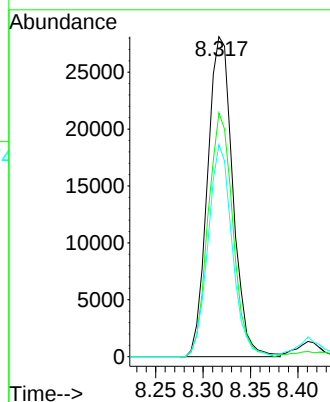
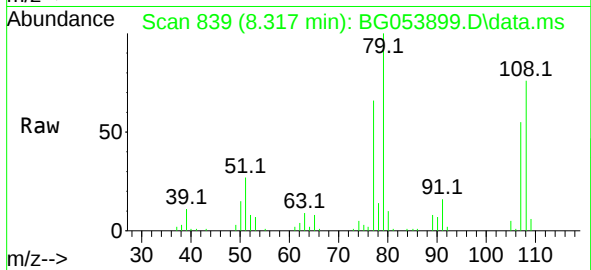
ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 5209  
Ion Ratio Lower Upper  
79 100  
108 76.2 53.7 80.5  
77 66.2 52.2 78.4

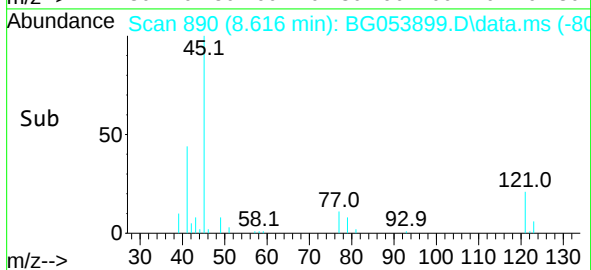
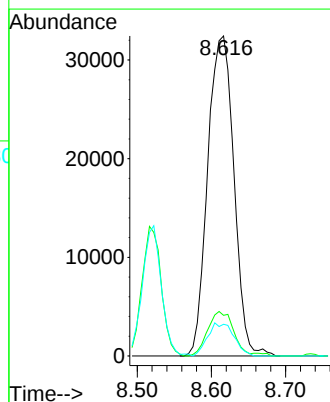
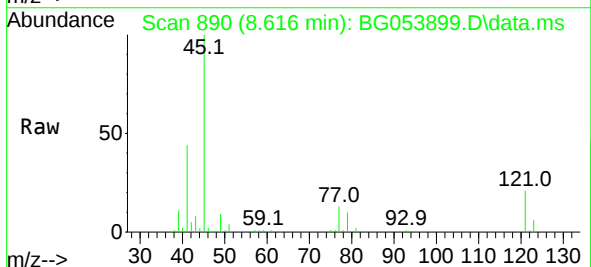
Manual Integrations  
APPROVED

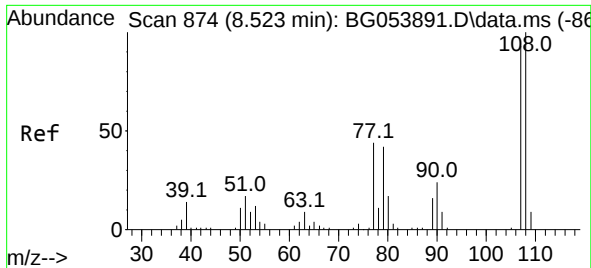
Reviewed By :Christian Giraldo 06/15/2022  
Supervised By :Jagrut Upadhyay 06/15/2022



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 40.751 ng  
RT: 8.616 min Scan# 890  
Delta R.T. -0.001 min  
Lab File: BG053899.D  
Acq: 14 Jun 2022 12:21

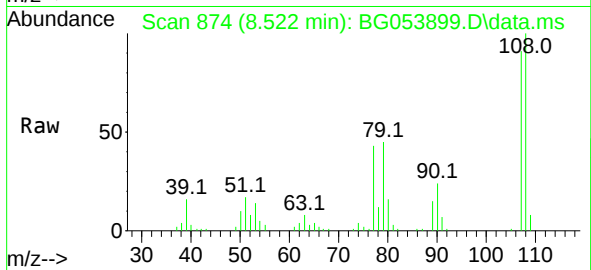
Tgt Ion: 45 Resp: 79601  
Ion Ratio Lower Upper  
45 100  
77 12.7 0.0 32.7  
79 9.9 0.0 29.7





#17  
2-Methylphenol  
Concen: 40.233 ng  
RT: 8.522 min Scan# 81  
Delta R.T. -0.001 min  
Lab File: BG053899.D  
Acq: 14 Jun 2022 12:21

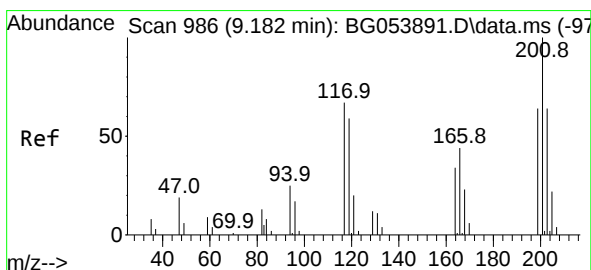
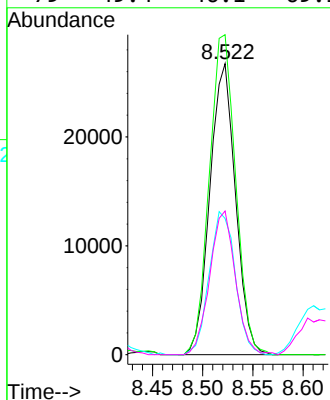
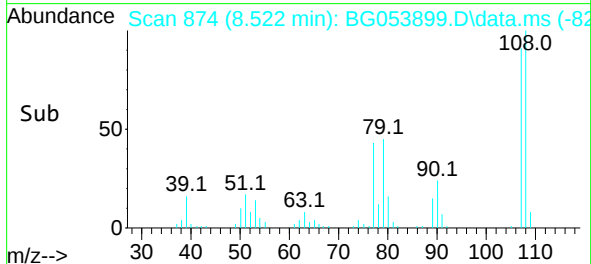
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



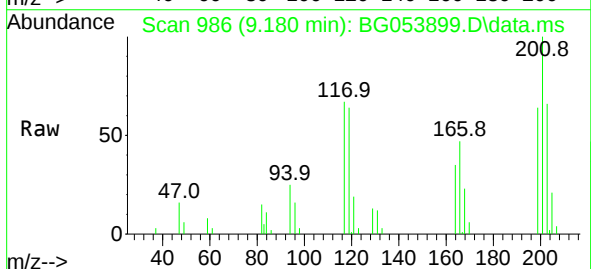
Tgt Ion:107 Resp: 4758  
Ion Ratio Lower Upper  
107 100  
108 109.9 85.4 128.0  
77 46.8 46.2 69.2  
79 49.4 46.1 69.1

Manual Integrations  
APPROVED

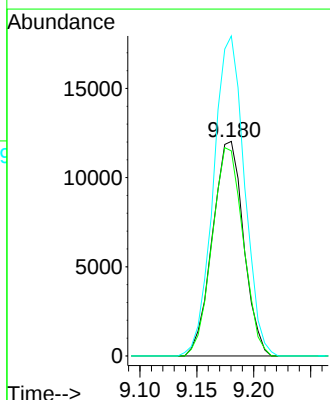
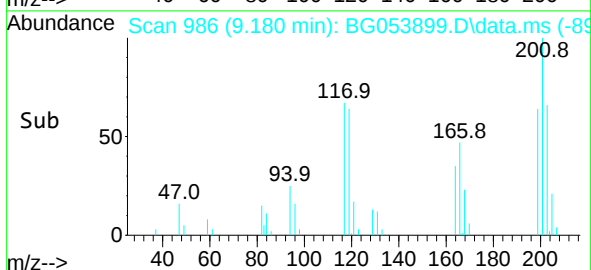
Reviewed By :Christian Giraldo 06/15/2022  
Supervised By :Jagrut Upadhyay 06/15/2022

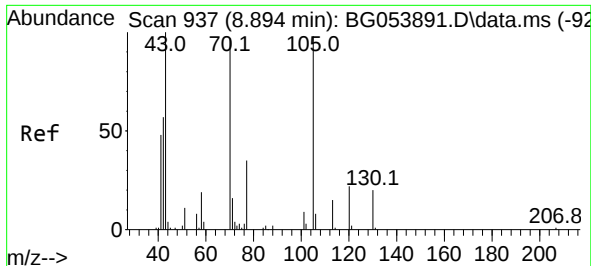


#18  
Hexachloroethane  
Concen: 41.475 ng  
RT: 9.180 min Scan# 986  
Delta R.T. -0.001 min  
Lab File: BG053899.D  
Acq: 14 Jun 2022 12:21



Tgt Ion:117 Resp: 22898  
Ion Ratio Lower Upper  
117 100  
119 95.7 75.0 112.6  
201 149.2 89.0 133.6#





#19

n-Nitroso-di-n-propylamine

Concen: 40.288 ng

RT: 8.887 min Scan# 91

Delta R.T. -0.007 min

Lab File: BG053899.D

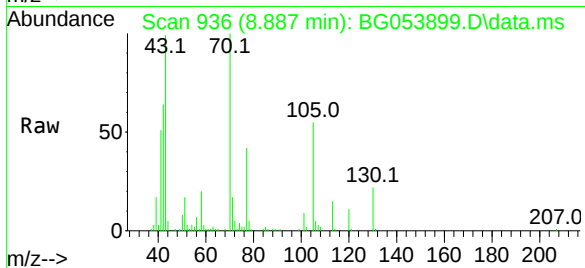
Acq: 14 Jun 2022 12:21

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040



Tgt Ion: 70 Resp: 4546

Ion Ratio Lower Upper

70 100

42 64.2 47.3 70.9

101 9.2 7.0 10.4

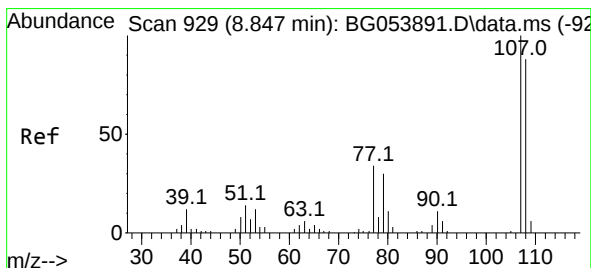
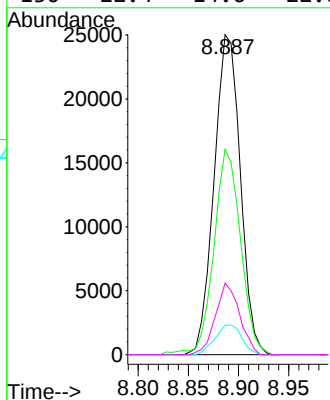
130 22.4 14.6 22.0#

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/15/2022

Supervised By :Jagrut Upadhyay 06/15/2022



#20

3+4-Methylphenols

Concen: 40.456 ng

RT: 8.845 min Scan# 929

Delta R.T. -0.001 min

Lab File: BG053899.D

Acq: 14 Jun 2022 12:21

Tgt Ion:107 Resp: 67097

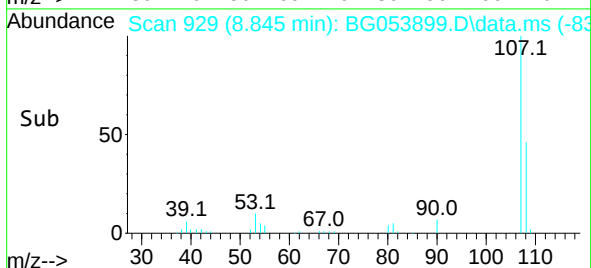
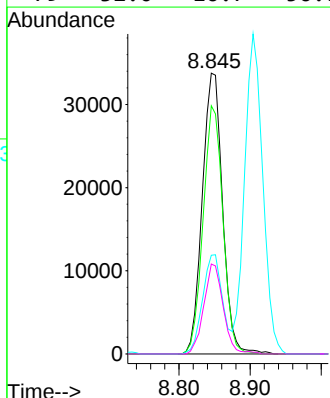
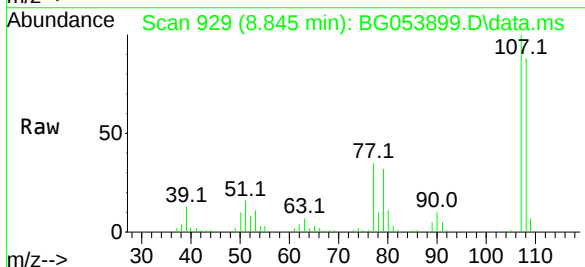
Ion Ratio Lower Upper

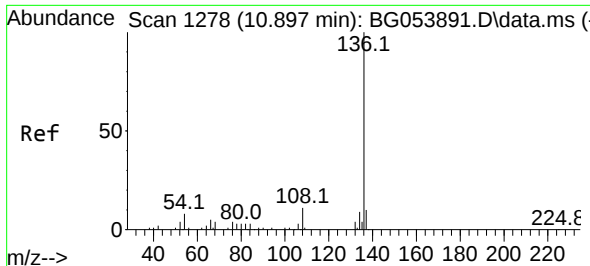
107 100

108 88.4 67.5 107.5

77 35.2 20.3 60.3

79 32.0 16.7 56.7





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.896 min Scan# 1089  
Delta R.T. -0.001 min  
Lab File: BG053899.D  
Acq: 14 Jun 2022 12:21

Instrument :

BNA\_G

ClientSampleId :

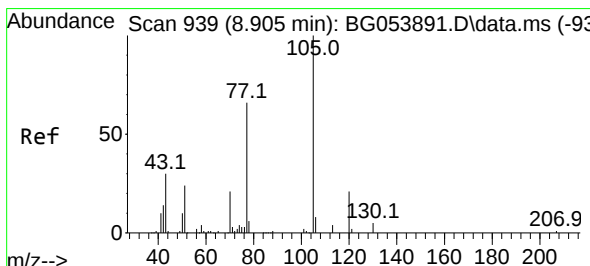
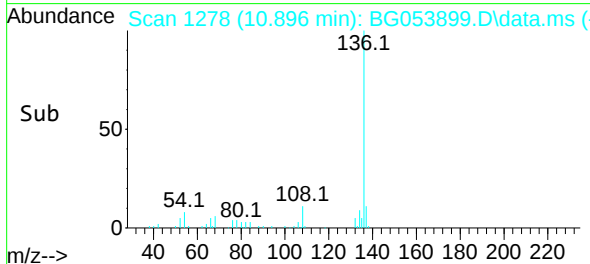
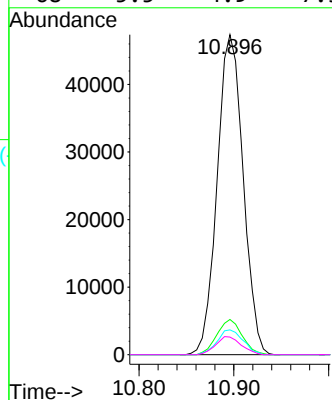
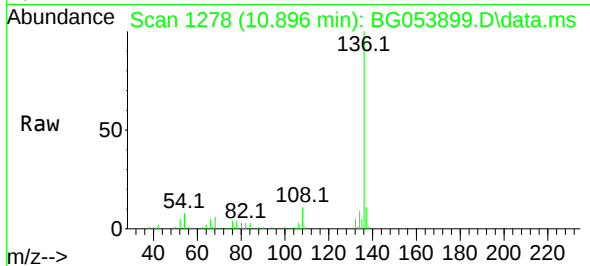
SSTDCCC040

Tgt Ion:136 Resp: 90120  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.5 12.7  
54 7.8 7.4 11.2  
68 5.5 4.9 7.3

Manual Integrations

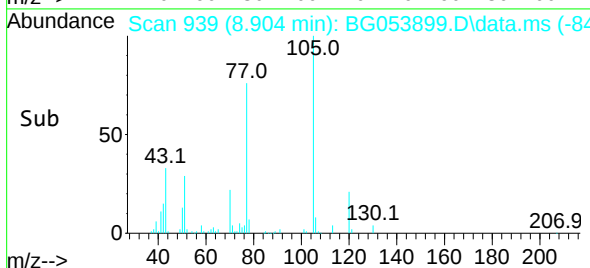
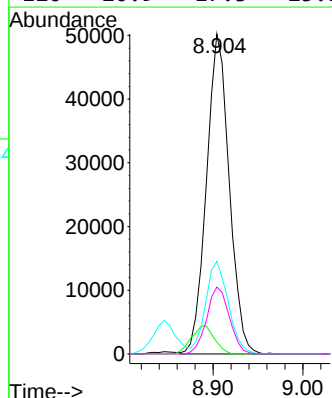
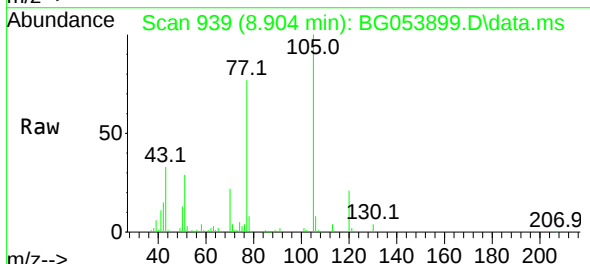
APPROVED

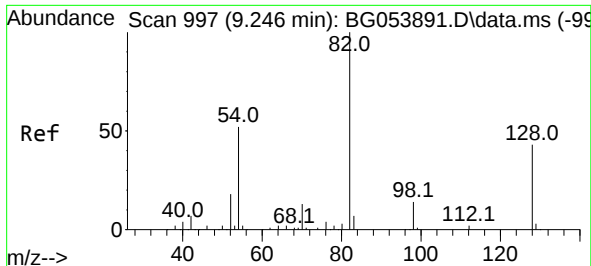
Reviewed By :Christian Giraldo 06/15/2022  
Supervised By :Jagrut Upadhyay 06/15/2022



#22  
Acetophenone  
Concen: 40.369 ng  
RT: 8.904 min Scan# 939  
Delta R.T. -0.001 min  
Lab File: BG053899.D  
Acq: 14 Jun 2022 12:21

Tgt Ion:105 Resp: 88438  
Ion Ratio Lower Upper  
105 100  
71 3.7 1.1 1.7#  
51 28.9 25.4 38.0  
120 20.9 17.3 25.9





#23

Nitrobenzene-d5

Concen: 82.561 ng

RT: 9.245 min Scan# 997

Delta R.T. -0.001 min

Lab File: BG053899.D

Acq: 14 Jun 2022 12:21

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 132410

Ion Ratio Lower Upper

82 100

128 41.4 27.9 41.9

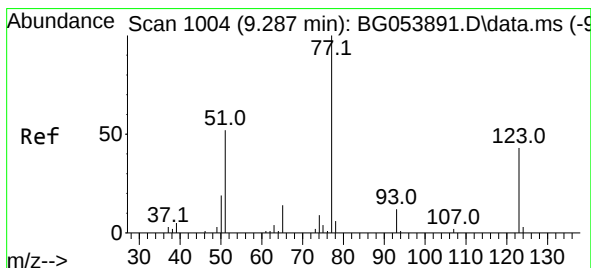
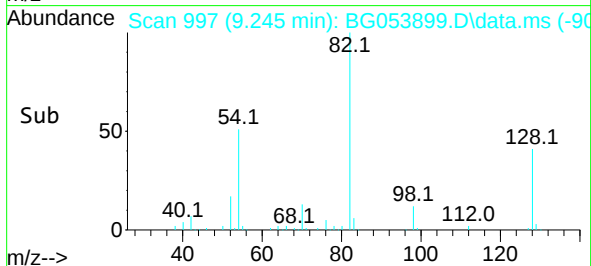
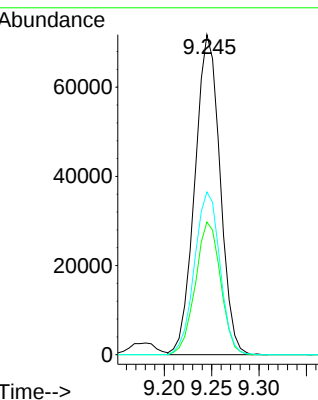
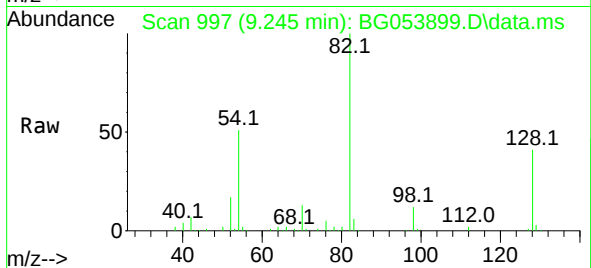
54 50.9 41.2 61.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/15/2022

Supervised By :Jagrut Upadhyay 06/15/2022



#24

Nitrobenzene

Concen: 41.372 ng

RT: 9.286 min Scan# 1004

Delta R.T. -0.001 min

Lab File: BG053899.D

Acq: 14 Jun 2022 12:21

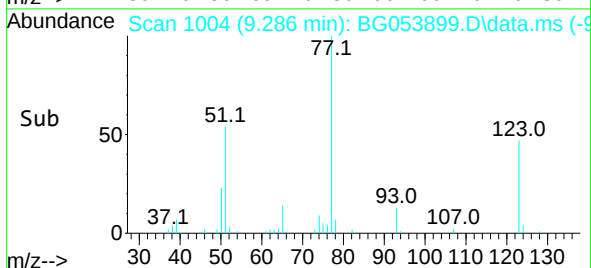
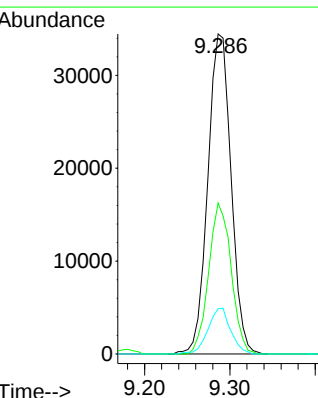
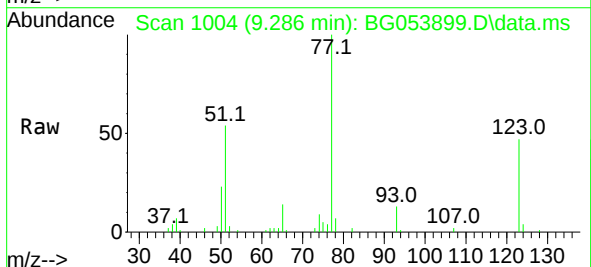
Tgt Ion: 77 Resp: 65338

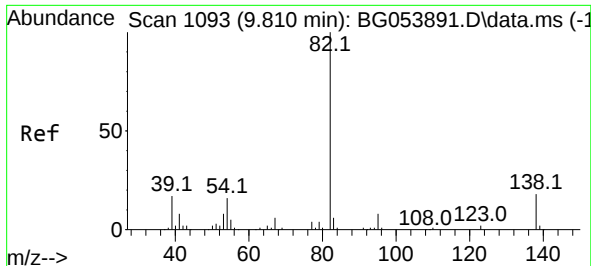
Ion Ratio Lower Upper

77 100

123 47.1 27.4 41.0#

65 14.1 11.4 17.0





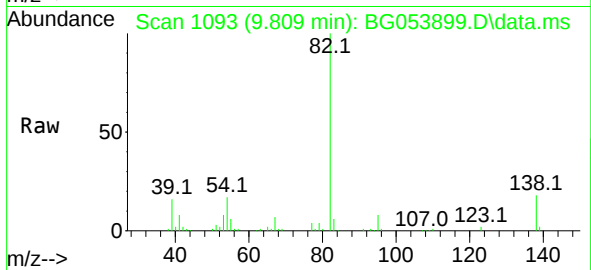
#25  
Isophorone  
Concen: 40.413 ng  
RT: 9.809 min Scan# 1093  
Delta R.T. -0.001 min  
Lab File: BG053899.D  
Acq: 14 Jun 2022 12:21

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040



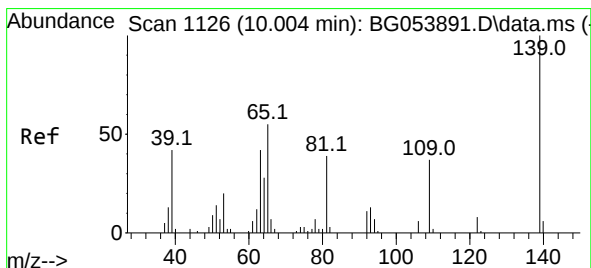
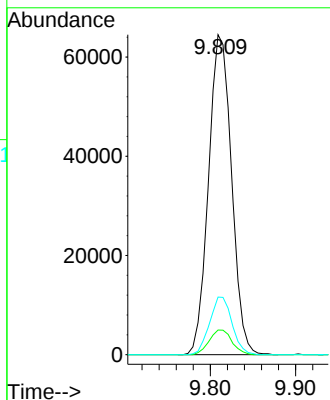
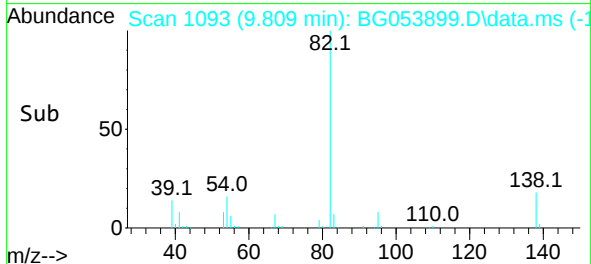
Tgt Ion: 82 Resp: 12104  
Ion Ratio Lower Upper  
82 100  
95 7.7 6.2 9.4  
138 18.0 11.6 17.4

Manual Integrations

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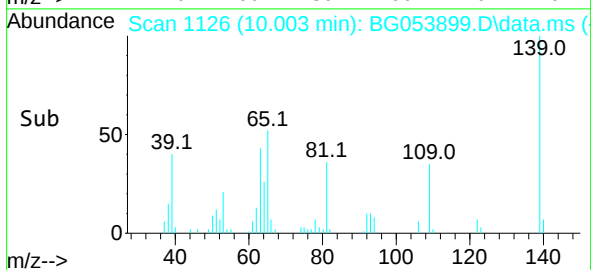
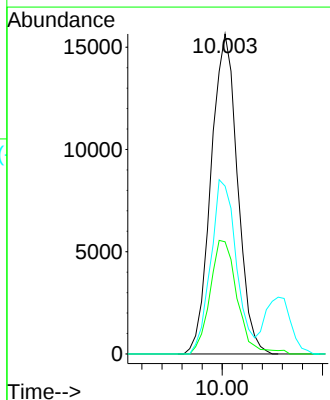
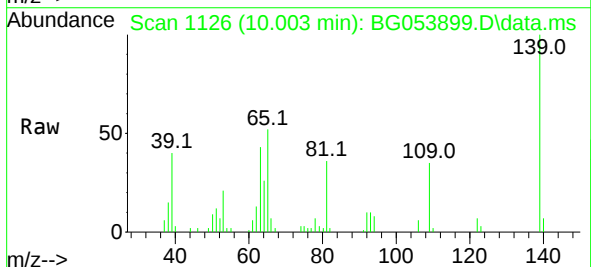
Reviewed By :Christian Giraldo 06/15/2022

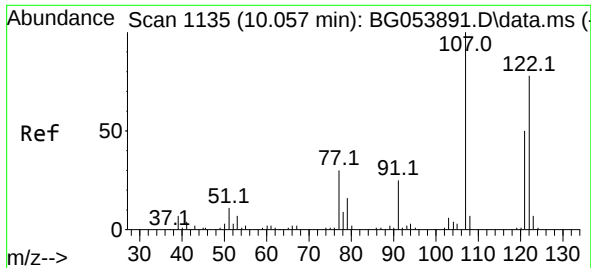
Supervised By :Jagrut Upadhyay 06/15/2022



#26  
2-Nitrophenol  
Concen: 41.075 ng  
RT: 10.003 min Scan# 1126  
Delta R.T. -0.001 min  
Lab File: BG053899.D  
Acq: 14 Jun 2022 12:21

Tgt Ion:139 Resp: 28652  
Ion Ratio Lower Upper  
139 100  
109 35.0 36.1 54.1#  
65 52.4 55.8 83.6#





#27  
2,4-Dimethylphenol  
Concen: 40.643 ng  
RT: 10.056 min Scan# 1135  
Delta R.T. -0.001 min  
Lab File: BG053899.D  
Acq: 14 Jun 2022 12:21

Instrument :

BNA\_G

ClientSampleId :

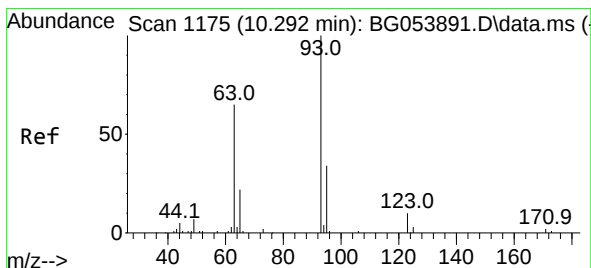
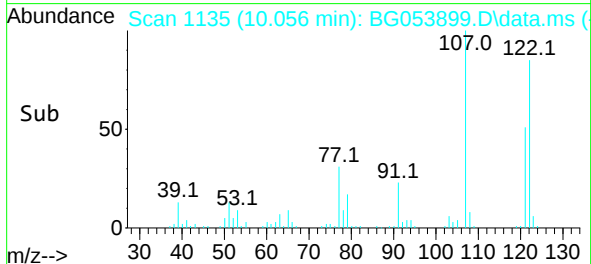
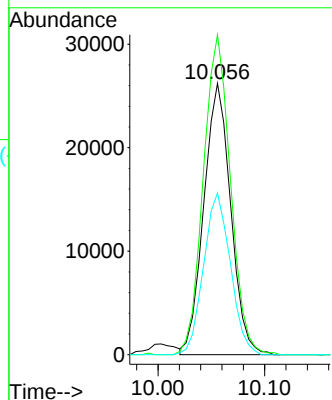
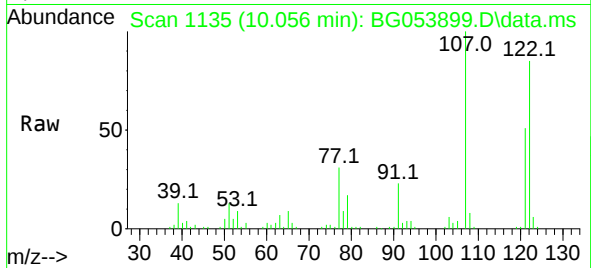
SSTDCCC040

Tgt Ion:122 Resp: 4588  
Ion Ratio Lower Upper  
122 100  
107 117.9 109.4 164.0  
121 59.6 48.7 73.1

Manual Integrations

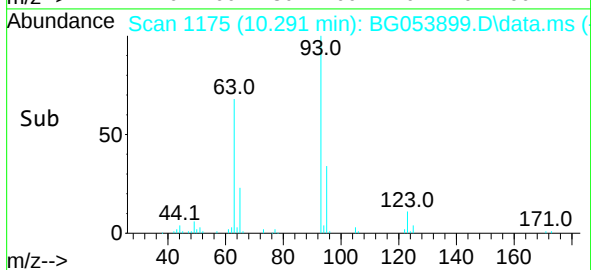
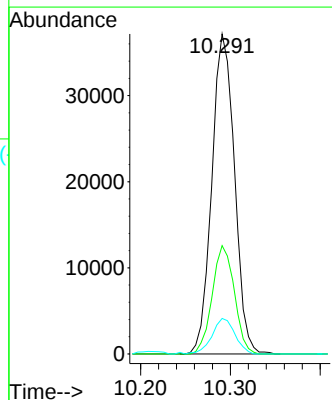
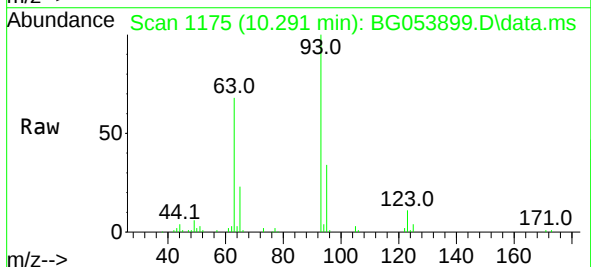
APPROVED

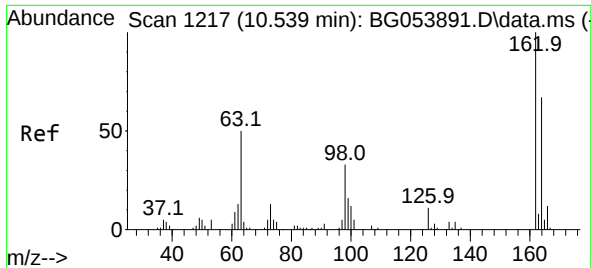
Reviewed By :Christian Giraldo 06/15/2022  
Supervised By :Jagrut Upadhyay 06/15/2022



#28  
bis(2-Chloroethoxy)methane  
Concen: 40.331 ng  
RT: 10.291 min Scan# 1175  
Delta R.T. -0.001 min  
Lab File: BG053899.D  
Acq: 14 Jun 2022 12:21

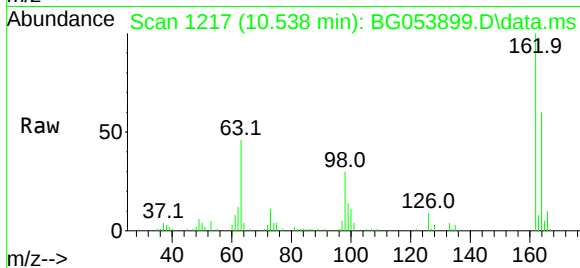
Tgt Ion: 93 Resp: 65077  
Ion Ratio Lower Upper  
93 100  
95 33.8 26.9 40.3  
123 11.1 7.7 11.5





#29  
2,4-Dichlorophenol  
Concen: 42.222 ng  
RT: 10.538 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: BG053899.D  
Acq: 14 Jun 2022 12:21

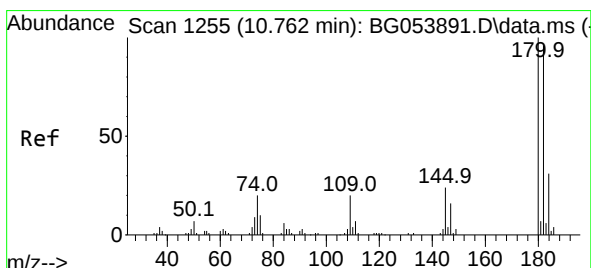
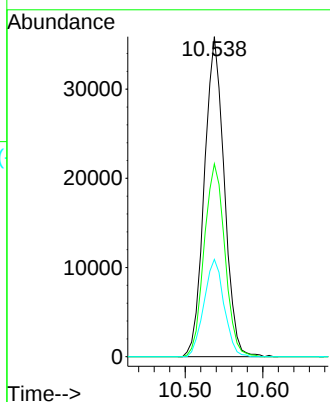
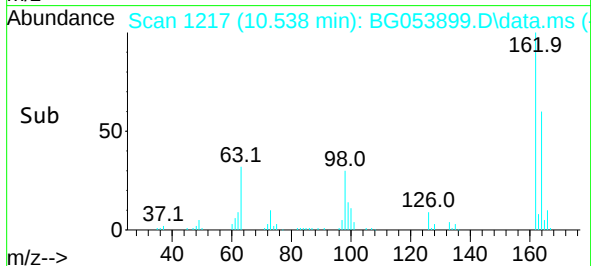
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



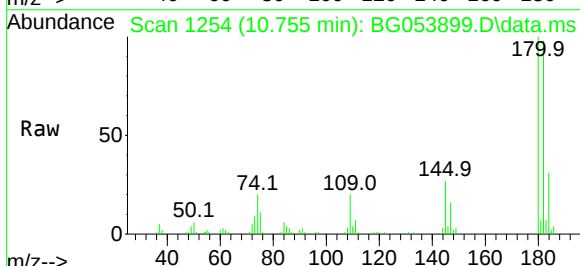
Tgt Ion:162 Resp: 63915  
Ion Ratio Lower Upper  
162 100  
164 60.2 46.6 86.6  
98 30.4 22.8 62.8

Manual Integrations  
APPROVED

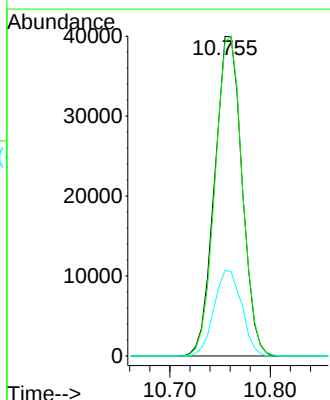
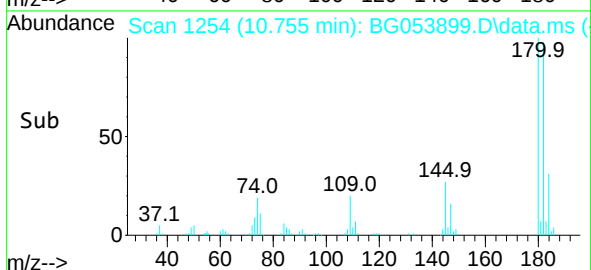
Reviewed By :Christian Giraldo 06/15/2022  
Supervised By :Jagrut Upadhyay 06/15/2022

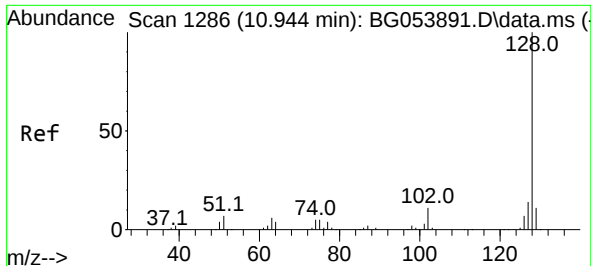


#30  
1,2,4-Trichlorobenzene  
Concen: 40.308 ng  
RT: 10.755 min Scan# 1254  
Delta R.T. -0.007 min  
Lab File: BG053899.D  
Acq: 14 Jun 2022 12:21



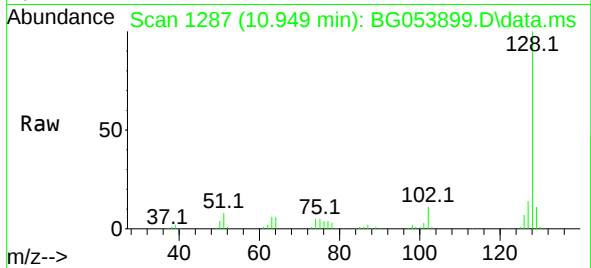
Tgt Ion:180 Resp: 75553  
Ion Ratio Lower Upper  
180 100  
182 98.3 76.6 115.0  
145 26.8 25.0 37.4





#31  
Naphthalene  
Concen: 39.841 ng  
RT: 10.949 min Scan# 1161  
Delta R.T. 0.005 min  
Lab File: BG053899.D  
Acq: 14 Jun 2022 12:21

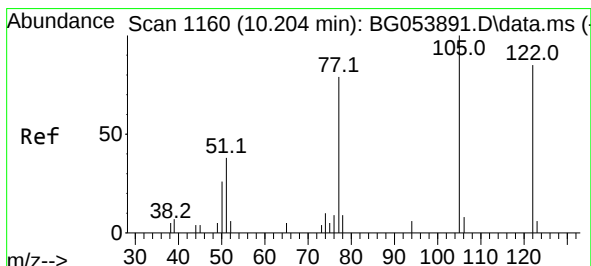
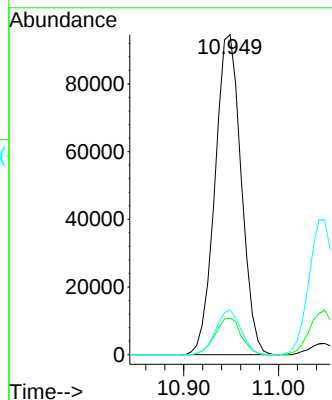
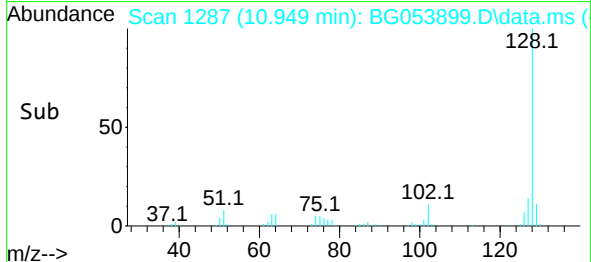
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



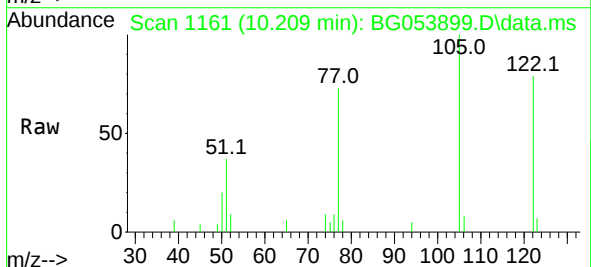
Tgt Ion:128 Resp: 181270  
Ion Ratio Lower Upper  
128 100  
129 11.4 9.0 13.6  
127 13.9 11.1 16.7

Manual Integrations  
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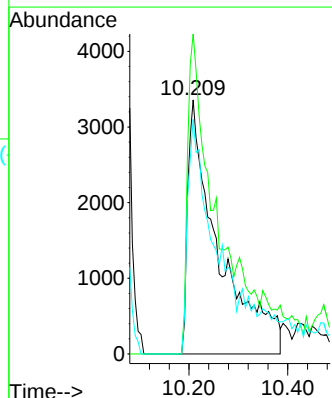
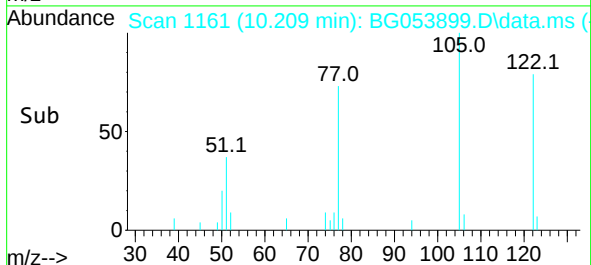
Reviewed By :Christian Giraldo 06/15/2022  
Supervised By :Jagrut Upadhyay 06/15/2022

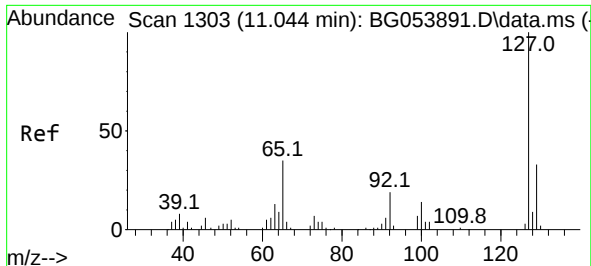


#32  
Benzoic acid  
Concen: 33.858 ng m  
RT: 10.209 min Scan# 1161  
Delta R.T. 0.005 min  
Lab File: BG053899.D  
Acq: 14 Jun 2022 12:21



Tgt Ion:122 Resp: 14516  
Ion Ratio Lower Upper  
122 100  
105 126.0 111.8 151.8  
77 92.3 109.4 149.4#





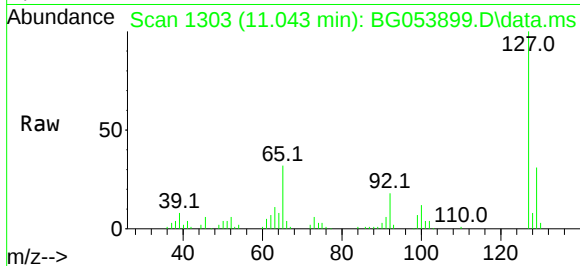
#33  
4-Chloroaniline  
Concen: 40.765 ng  
RT: 11.043 min Scan# 1103  
Delta R.T. -0.001 min  
Lab File: BG053899.D  
Acq: 14 Jun 2022 12:21

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

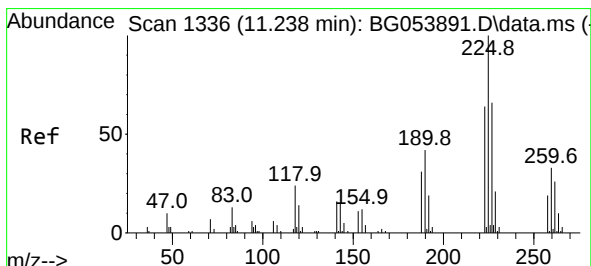
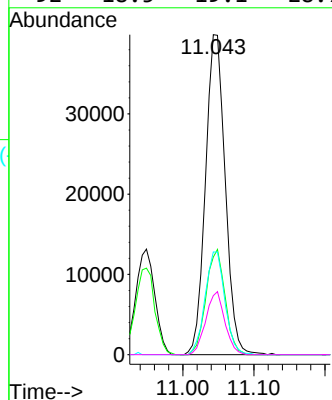
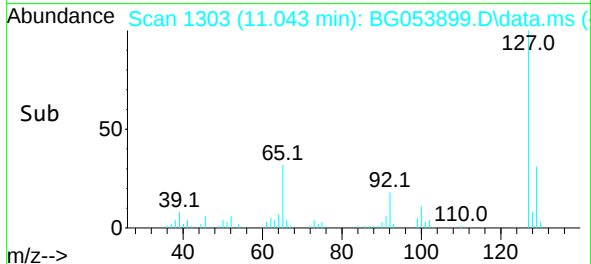


| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 30.5  | 26.3  | 39.5  |
| 65      | 32.1  | 31.1  | 46.7  |
| 92      | 18.5  | 19.1  | 28.7  |

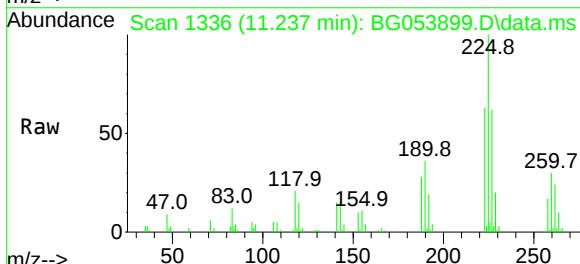
Manual Integrations

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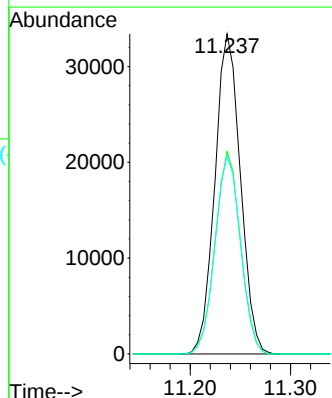
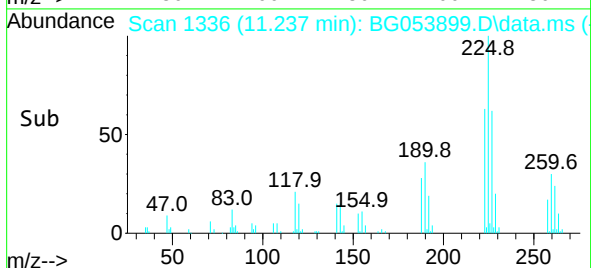
Reviewed By :Christian Giraldo 06/15/2022  
Supervised By :Jagrut Upadhyay 06/15/2022

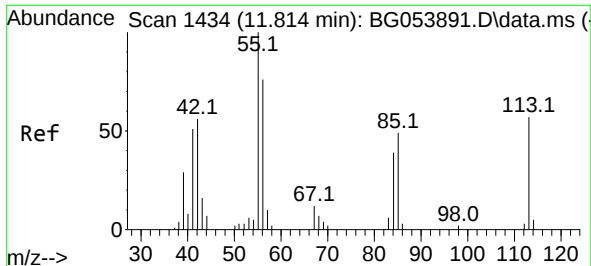


#34  
Hexachlorobutadiene  
Concen: 40.881 ng  
RT: 11.237 min Scan# 1336  
Delta R.T. -0.001 min  
Lab File: BG053899.D  
Acq: 14 Jun 2022 12:21



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 60.3  | 48.9  | 73.3  |
| 227     | 59.0  | 52.8  | 79.2  |





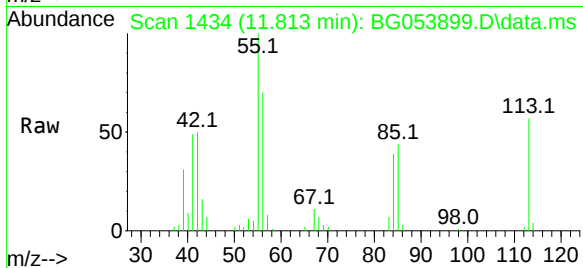
#35  
Caprolactam  
Concen: 42.217 ng  
RT: 11.813 min Scan# 1434  
Delta R.T. -0.001 min  
Lab File: BG053899.D  
Acq: 14 Jun 2022 12:21

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

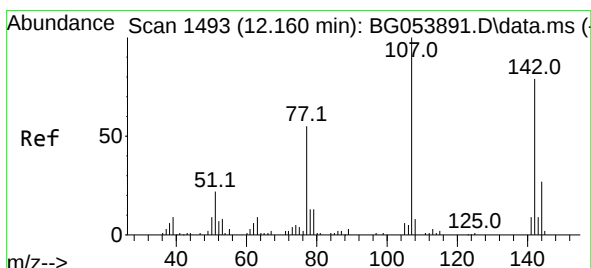
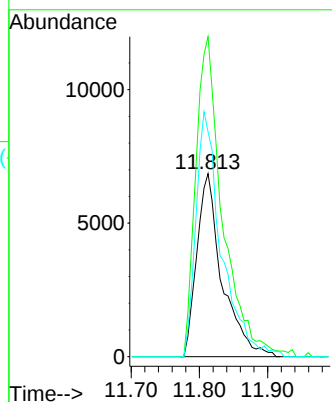
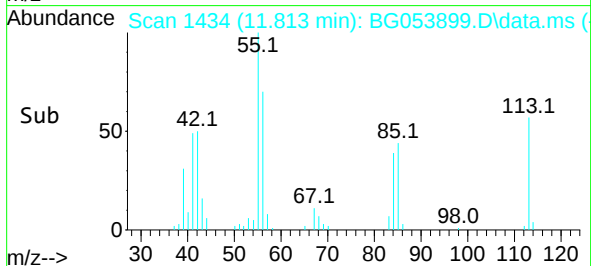


Tgt Ion:113 Resp: 1759  
Ion Ratio Lower Upper  
113 100  
55 174.8 169.8 209.8  
56 122.8 141.2 181.2

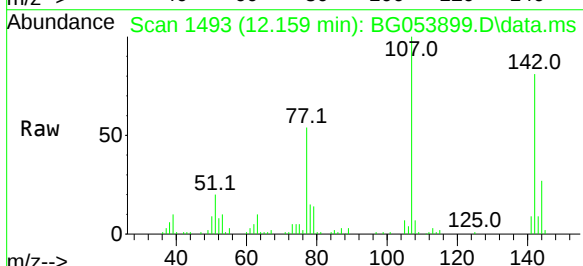
Manual Integrations

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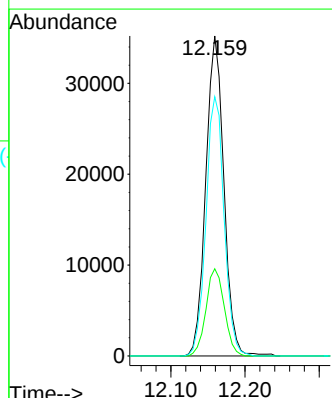
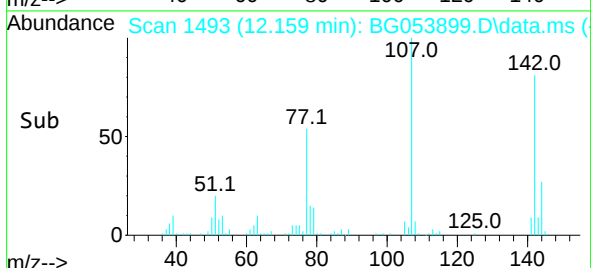
Reviewed By :Christian Giraldo 06/15/2022  
Supervised By :Jagrut Upadhyay 06/15/2022

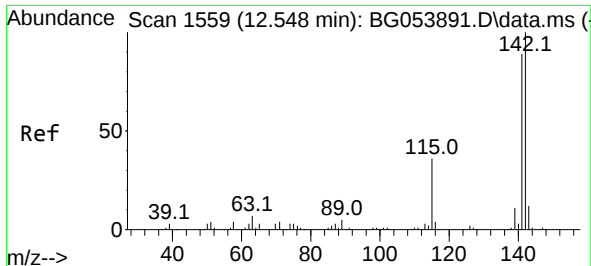


#36  
4-Chloro-3-methylphenol  
Concen: 40.597 ng  
RT: 12.159 min Scan# 1493  
Delta R.T. -0.001 min  
Lab File: BG053899.D  
Acq: 14 Jun 2022 12:21



Tgt Ion:107 Resp: 59741  
Ion Ratio Lower Upper  
107 100  
144 27.3 18.5 27.7  
142 81.0 55.0 82.4





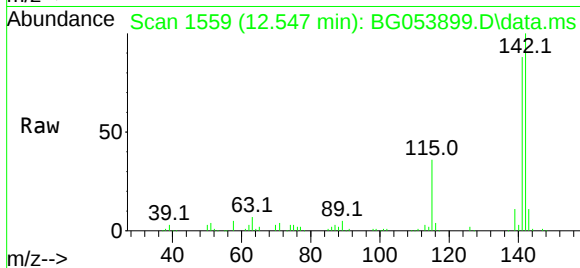
#37  
2-Methylnaphthalene  
Concen: 40.249 ng  
RT: 12.547 min Scan# 1559  
Delta R.T. -0.001 min  
Lab File: BG053899.D  
Acq: 14 Jun 2022 12:21

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

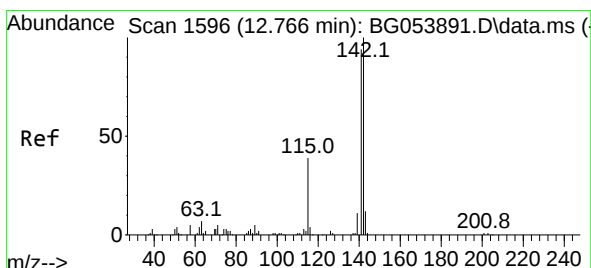
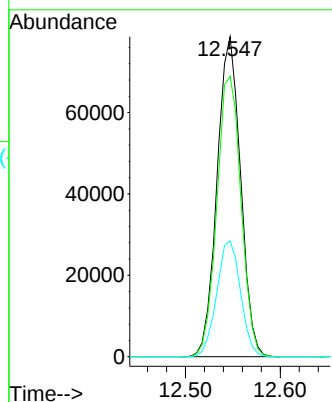
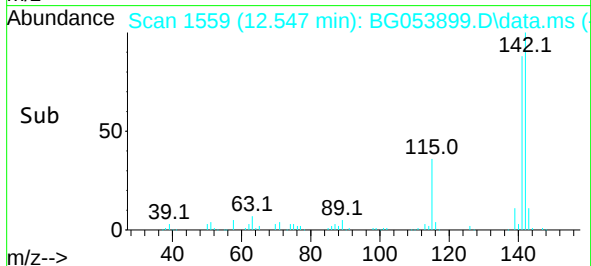


Tgt Ion:142 Resp: 135489  
Ion Ratio Lower Upper  
142 100  
141 87.6 72.3 108.5  
115 36.2 33.7 50.5

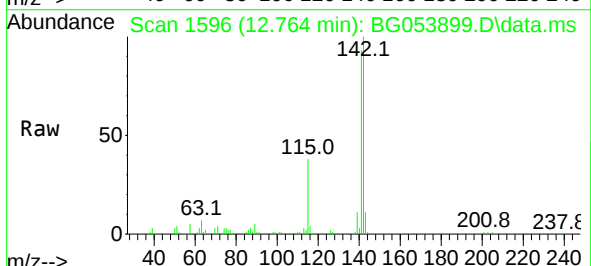
Manual Integrations

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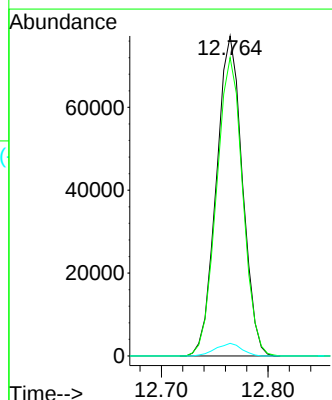
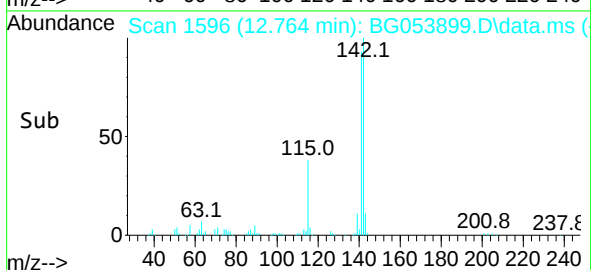
Reviewed By :Christian Giraldo 06/15/2022  
Supervised By :Jagrut Upadhyay 06/15/2022

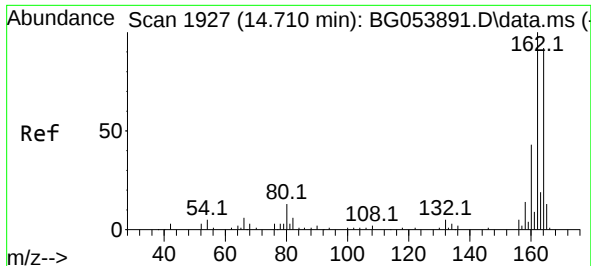


#38  
1-Methylnaphthalene  
Concen: 39.885 ng  
RT: 12.764 min Scan# 1596  
Delta R.T. -0.001 min  
Lab File: BG053899.D  
Acq: 14 Jun 2022 12:21



Tgt Ion:142 Resp: 130732  
Ion Ratio Lower Upper  
142 100  
141 93.2 76.4 114.6  
116 4.0 3.3 4.9





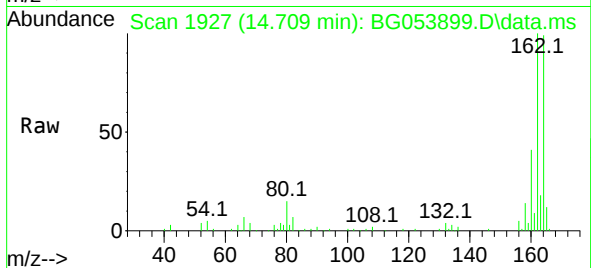
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.709 min Scan# 1927  
Delta R.T. -0.001 min  
Lab File: BG053899.D  
Acq: 14 Jun 2022 12:21

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

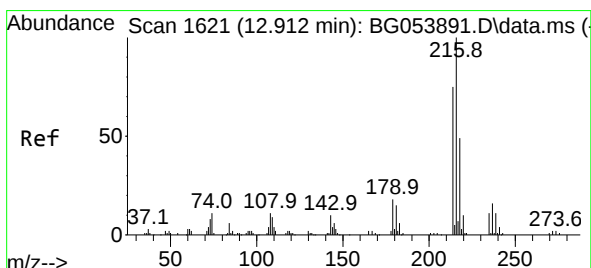
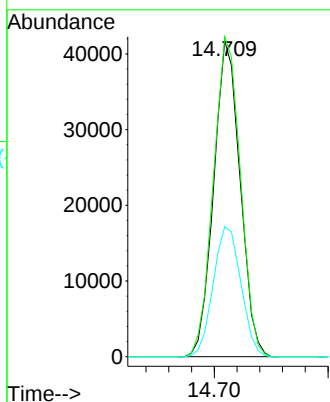
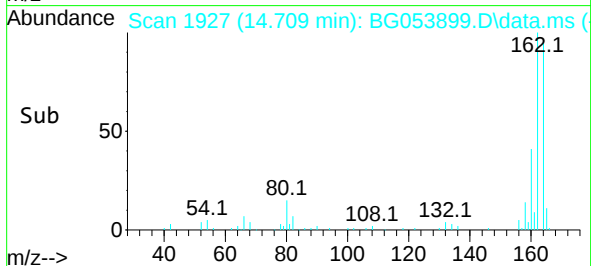


Tgt Ion:164 Resp: 67158  
Ion Ratio Lower Upper  
164 100  
162 101.3 82.3 123.5  
160 41.2 34.2 51.2

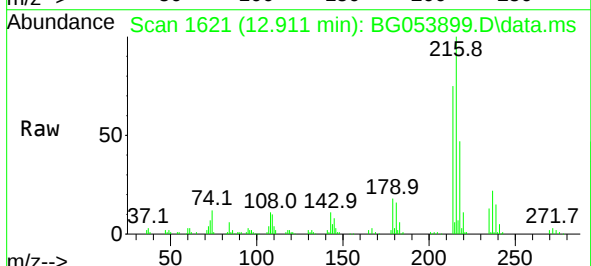
Manual Integrations

APPROVED

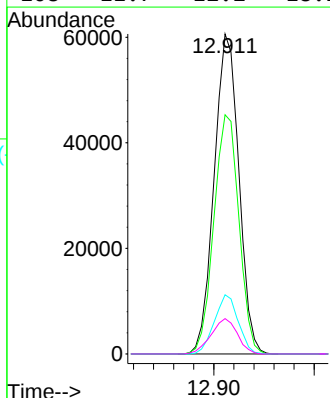
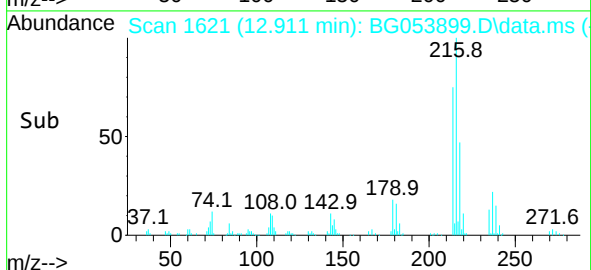
Reviewed By :Christian Giraldo 06/15/2022  
Supervised By :Jagrut Upadhyay 06/15/2022

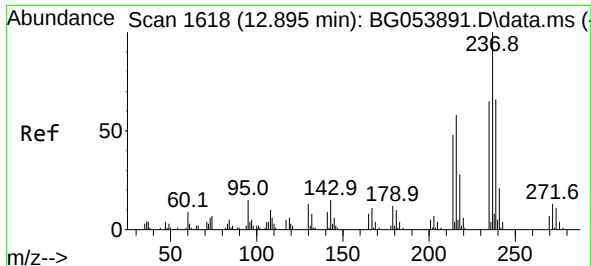


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 39.997 ng  
RT: 12.911 min Scan# 1621  
Delta R.T. -0.001 min  
Lab File: BG053899.D  
Acq: 14 Jun 2022 12:21



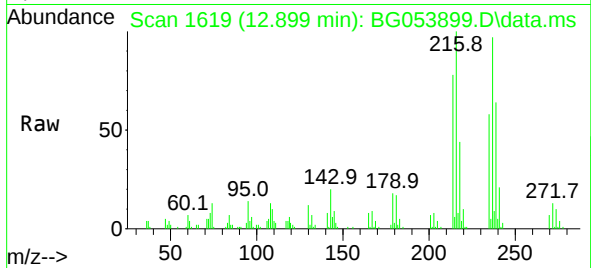
Tgt Ion:216 Resp: 103502  
Ion Ratio Lower Upper  
216 100  
214 75.8 62.9 94.3  
179 17.8 16.1 24.1  
108 11.7 12.2 18.2#





#41  
Hexachlorocyclopentadiene  
Concen: 41.098 ng  
RT: 12.899 min Scan# 1  
Delta R.T. 0.005 min  
Lab File: BG053899.D  
Acq: 14 Jun 2022 12:21

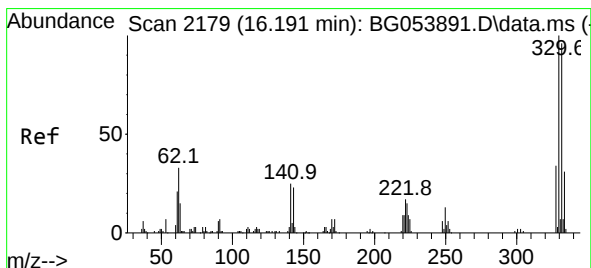
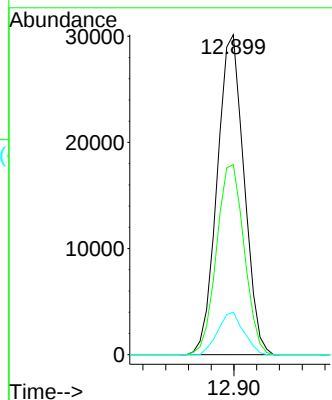
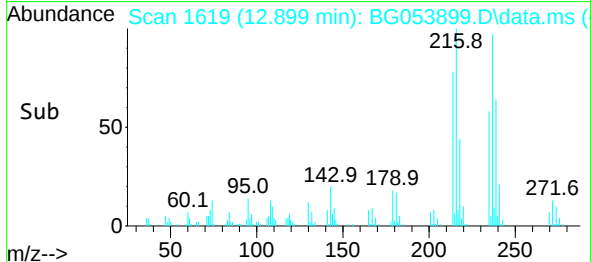
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



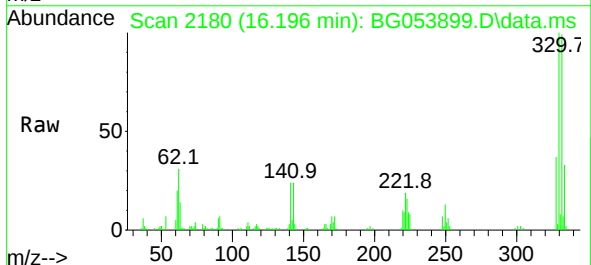
Tgt Ion:237 Resp: 4952  
Ion Ratio Lower Upper  
237 100  
235 59.4 43.5 83.5  
272 13.3 0.0 30.1

Manual Integrations  
APPROVED

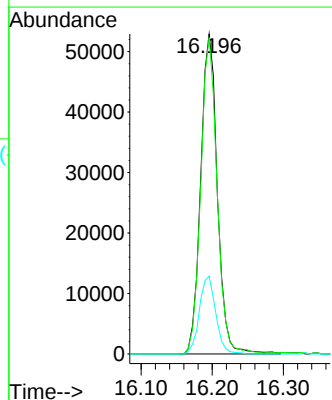
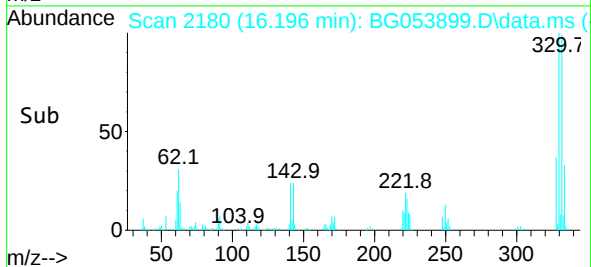
Reviewed By :Christian Giraldo 06/15/2022  
Supervised By :Jagrut Upadhyay 06/15/2022

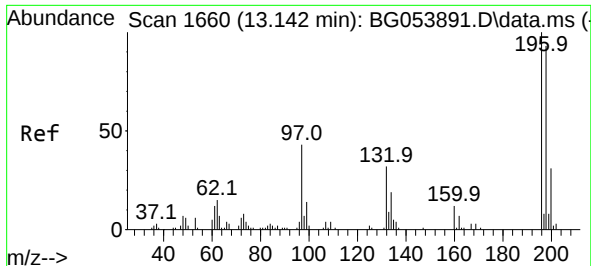


#42  
2,4,6-Tribromophenol  
Concen: 80.117 ng  
RT: 16.196 min Scan# 2180  
Delta R.T. 0.005 min  
Lab File: BG053899.D  
Acq: 14 Jun 2022 12:21



Tgt Ion:330 Resp: 86447  
Ion Ratio Lower Upper  
330 100  
332 96.7 76.0 114.0  
141 23.8 27.1 40.7#





#43  
2,4,6-Trichlorophenol  
Concen: 40.628 ng  
RT: 13.146 min Scan# 1660  
Delta R.T. 0.005 min  
Lab File: BG053899.D  
Acq: 14 Jun 2022 12:21

Instrument :

BNA\_G

ClientSampleId :

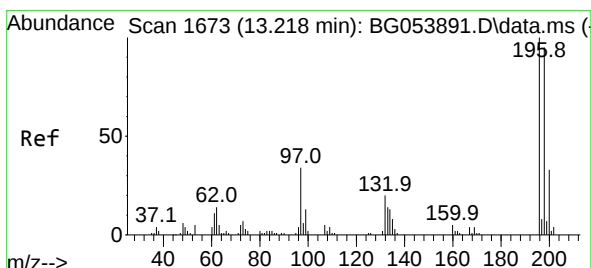
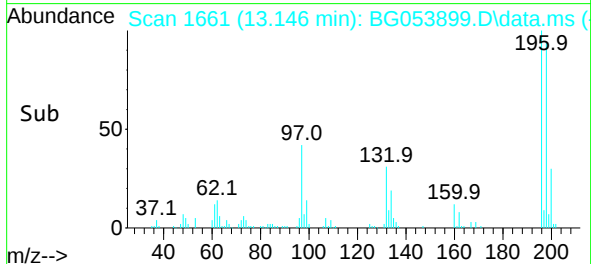
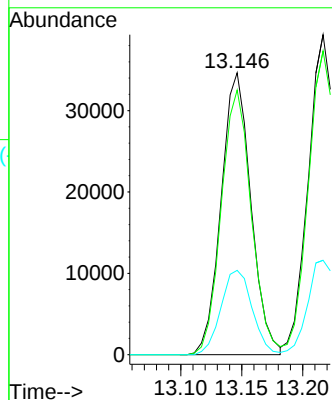
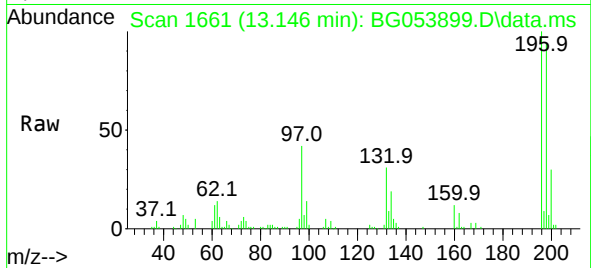
SSTDCCC040

Tgt Ion:196 Resp: 5905  
Ion Ratio Lower Upper  
196 100  
198 93.8 74.1 111.1  
200 29.9 24.7 37.1

Manual Integrations

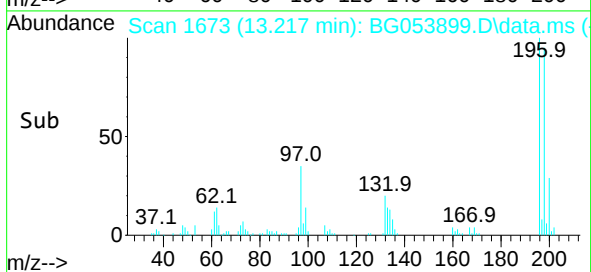
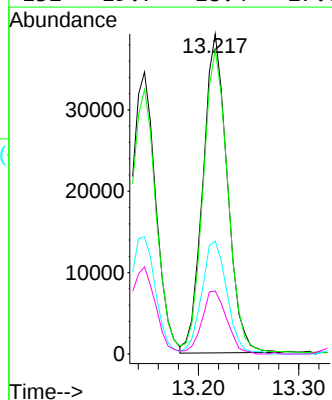
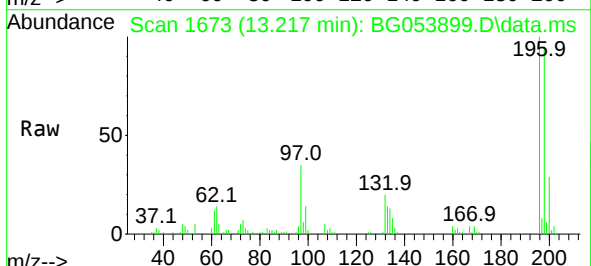
APPROVED

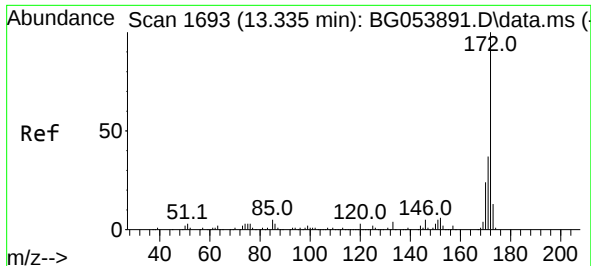
Reviewed By :Christian Giraldo 06/15/2022  
Supervised By :Jagrut Upadhyay 06/15/2022



#44  
2,4,5-Trichlorophenol  
Concen: 40.783 ng  
RT: 13.217 min Scan# 1673  
Delta R.T. -0.001 min  
Lab File: BG053899.D  
Acq: 14 Jun 2022 12:21

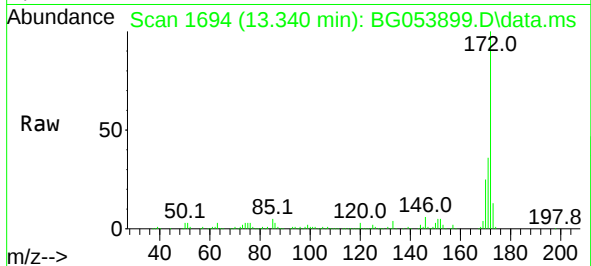
Tgt Ion:196 Resp: 66193  
Ion Ratio Lower Upper  
196 100  
198 94.9 76.8 115.2  
97 35.3 39.8 59.6#  
132 19.7 18.4 27.6





#45  
2-Fluorobiphenyl  
Concen: 79.533 ng  
RT: 13.340 min Scan# 1693  
Delta R.T. 0.005 min  
Lab File: BG053899.D  
Acq: 14 Jun 2022 12:21

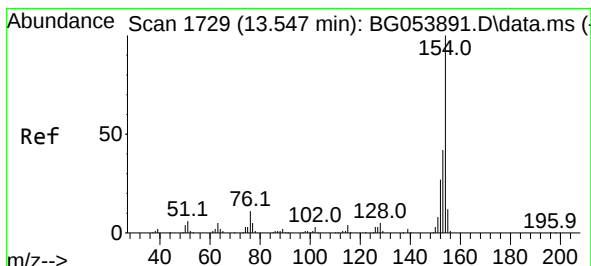
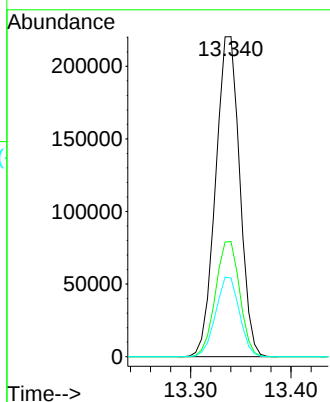
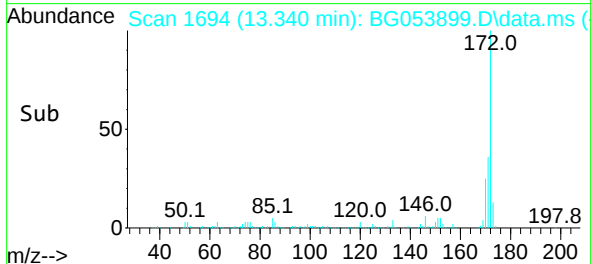
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



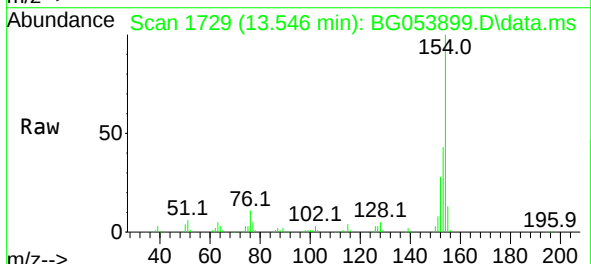
Tgt Ion:172 Resp: 367318  
Ion Ratio Lower Upper  
172 100  
171 36.0 28.5 42.7  
170 24.6 18.9 28.3

Manual Integrations  
APPROVED

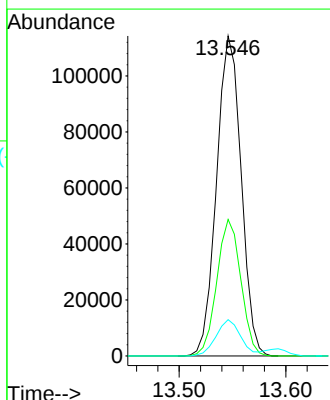
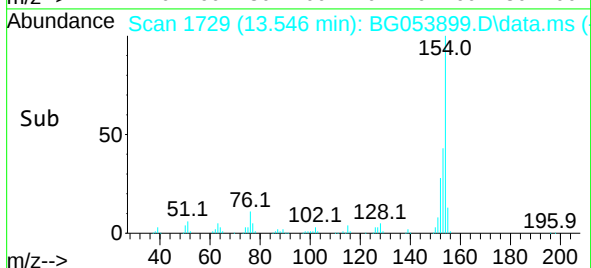
Reviewed By :Christian Giraldo 06/15/2022  
Supervised By :Jagrut Upadhyay 06/15/2022

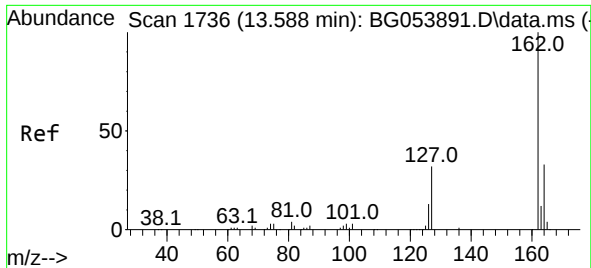


#46  
1,1'-Biphenyl  
Concen: 39.093 ng  
RT: 13.546 min Scan# 1729  
Delta R.T. -0.001 min  
Lab File: BG053899.D  
Acq: 14 Jun 2022 12:21



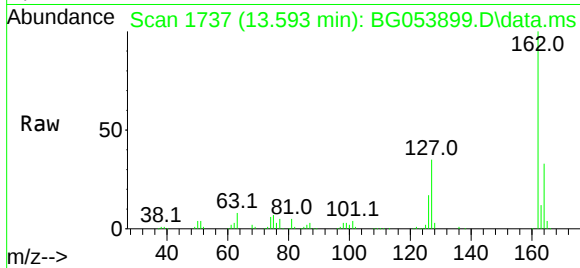
Tgt Ion:154 Resp: 182873  
Ion Ratio Lower Upper  
154 100  
153 42.7 21.6 61.6  
76 11.4 0.0 32.6





#47  
2-Chloronaphthalene  
Concen: 40.030 ng  
RT: 13.593 min Scan# 1737  
Delta R.T. 0.005 min  
Lab File: BG053899.D  
Acq: 14 Jun 2022 12:21

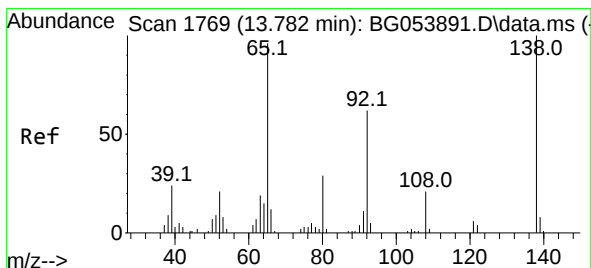
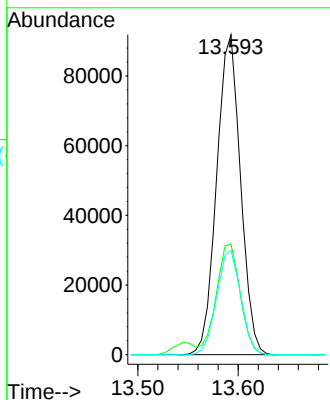
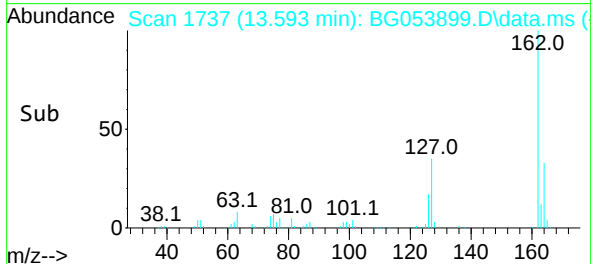
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



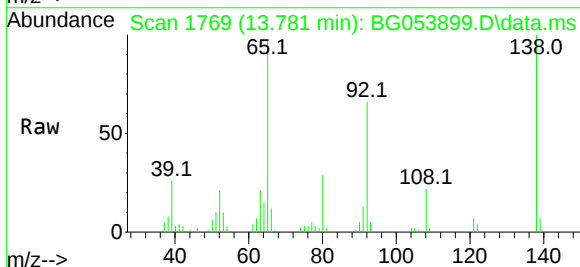
Tgt Ion:162 Resp: 151548  
Ion Ratio Lower Upper  
162 100  
127 34.5 30.6 45.8  
164 32.6 26.5 39.7

Manual Integrations  
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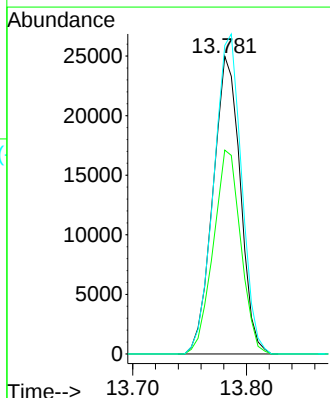
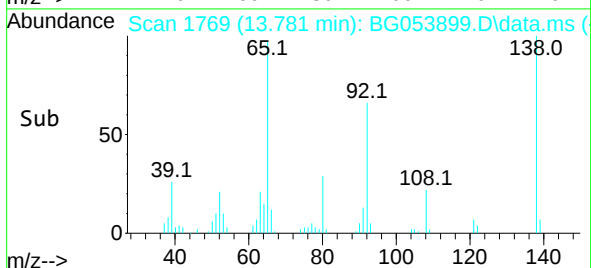
Reviewed By :Christian Giraldo 06/15/2022  
Supervised By :Jagrut Upadhyay 06/15/2022

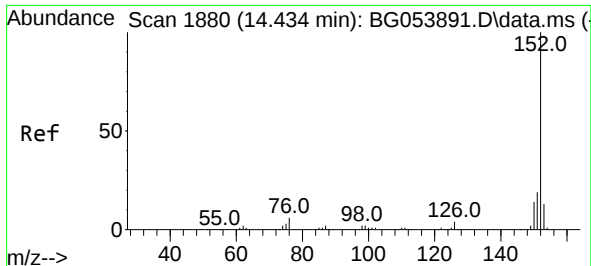


#48  
2-Nitroaniline  
Concen: 41.382 ng  
RT: 13.781 min Scan# 1769  
Delta R.T. -0.001 min  
Lab File: BG053899.D  
Acq: 14 Jun 2022 12:21



Tgt Ion: 65 Resp: 41675  
Ion Ratio Lower Upper  
65 100  
92 68.4 51.5 77.3  
138 103.6 71.3 106.9





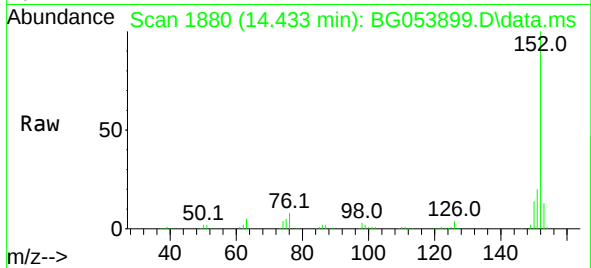
#49  
Acenaphthylene  
Concen: 39.986 ng  
RT: 14.433 min Scan# 1880  
Delta R.T. -0.001 min  
Lab File: BG053899.D  
Acq: 14 Jun 2022 12:21

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

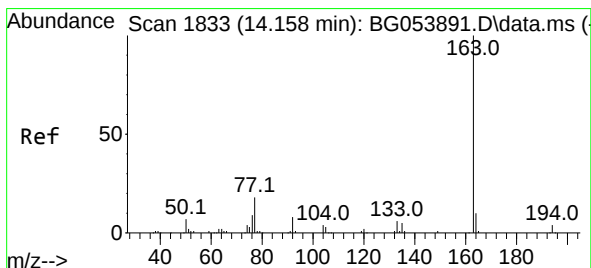
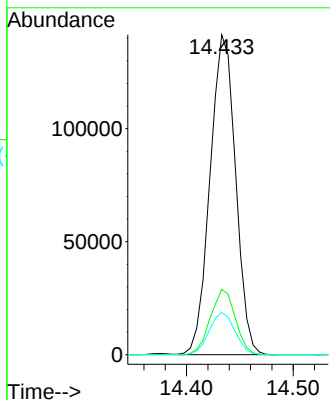
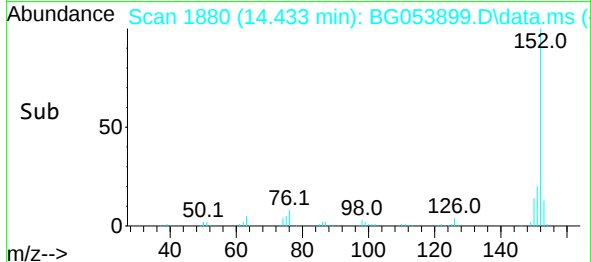


Tgt Ion:152 Resp: 235394  
Ion Ratio Lower Upper  
152 100  
151 20.4 16.4 24.6  
153 13.2 10.8 16.2

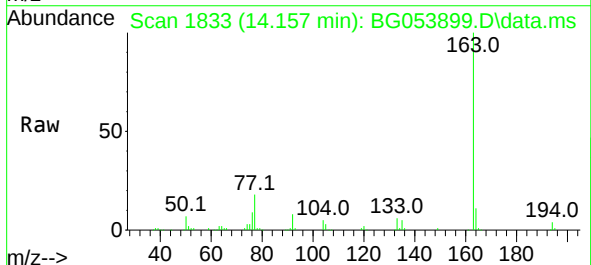
Manual Integrations

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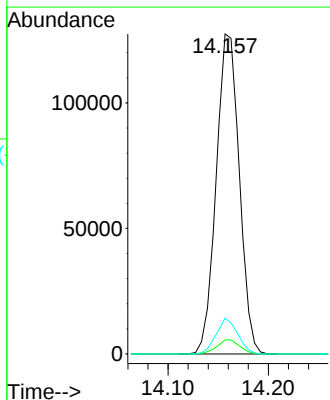
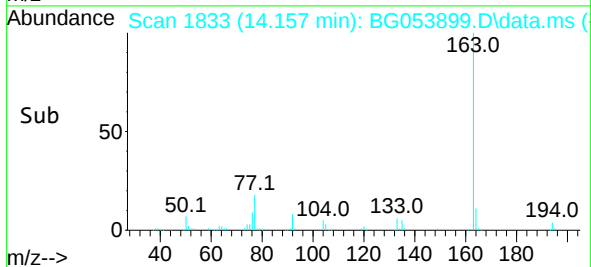
Reviewed By :Christian Giraldo 06/15/2022  
Supervised By :Jagrut Upadhyay 06/15/2022

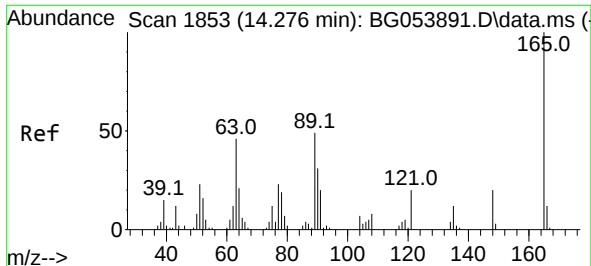


#50  
Dimethylphthalate  
Concen: 39.813 ng  
RT: 14.157 min Scan# 1833  
Delta R.T. -0.001 min  
Lab File: BG053899.D  
Acq: 14 Jun 2022 12:21



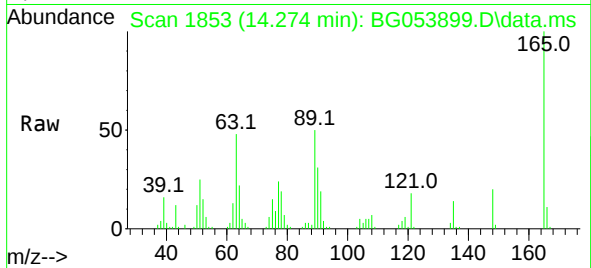
Tgt Ion:163 Resp: 203628  
Ion Ratio Lower Upper  
163 100  
194 4.3 3.0 4.6  
164 11.2 8.0 12.0





#51  
2,6-Dinitrotoluene  
Concen: 42.170 ng  
RT: 14.274 min Scan# 1853  
Delta R.T. -0.001 min  
Lab File: BG053899.D  
Acq: 14 Jun 2022 12:21

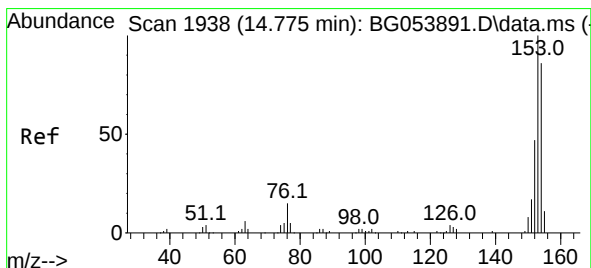
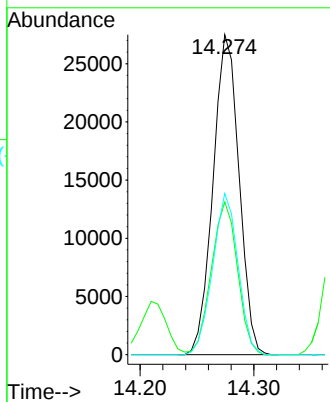
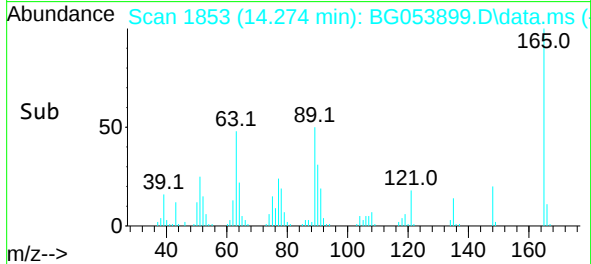
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



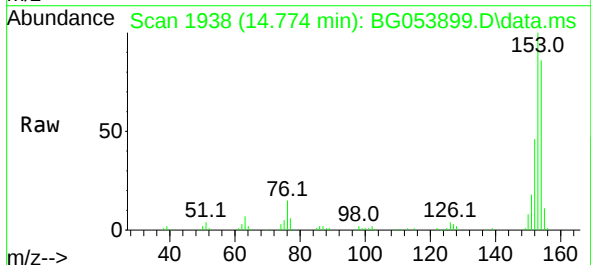
Tgt Ion:165 Resp: 4357  
Ion Ratio Lower Upper  
165 100  
63 47.8 54.1 81.1  
89 50.4 54.8 82.2

Manual Integrations  
APPROVED

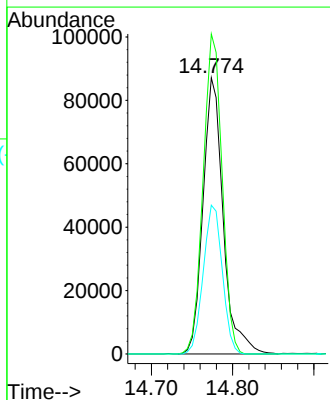
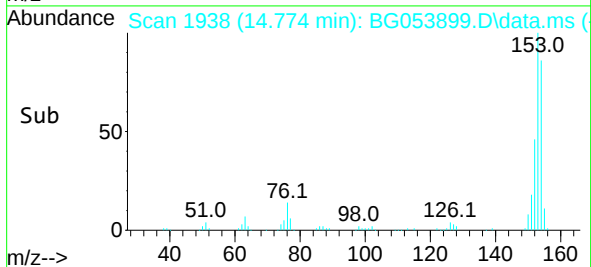
Reviewed By :Christian Giraldo 06/15/2022  
Supervised By :Jagrut Upadhyay 06/15/2022

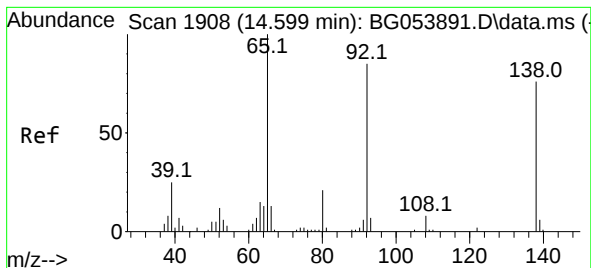


#52  
Acenaphthene  
Concen: 40.011 ng  
RT: 14.774 min Scan# 1938  
Delta R.T. -0.001 min  
Lab File: BG053899.D  
Acq: 14 Jun 2022 12:21



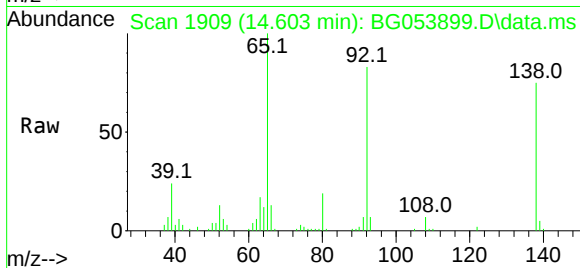
Tgt Ion:154 Resp: 150142  
Ion Ratio Lower Upper  
154 100  
153 115.9 92.7 139.1  
152 53.9 42.6 64.0





#53  
3-Nitroaniline  
Concen: 41.168 ng  
RT: 14.603 min Scan# 1909  
Delta R.T. 0.005 min  
Lab File: BG053899.D  
Acq: 14 Jun 2022 12:21

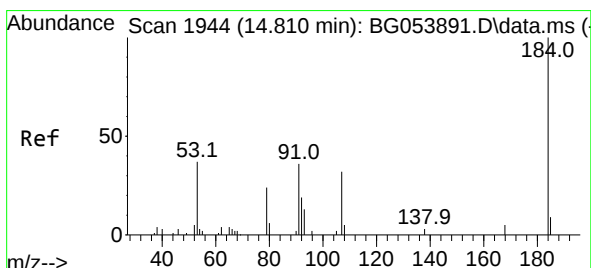
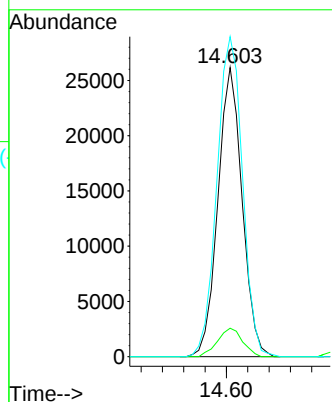
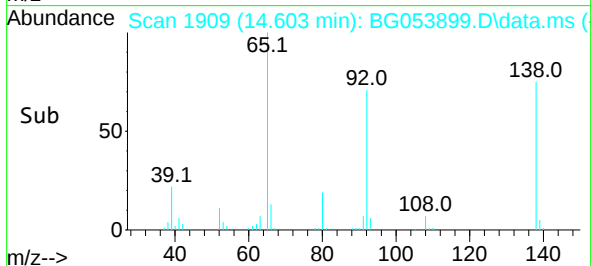
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



Tgt Ion:138 Resp: 41219  
Ion Ratio Lower Upper  
138 100  
108 9.9 9.2 13.8  
92 110.7 101.9 152.9

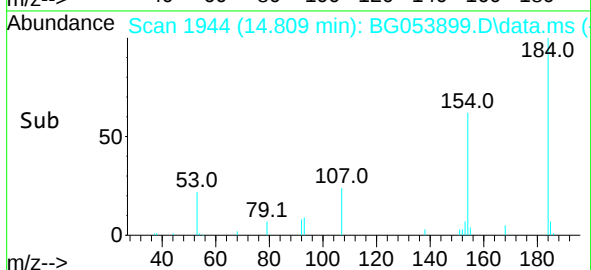
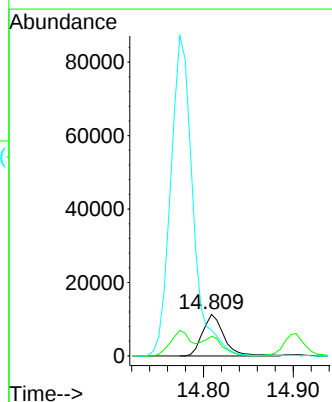
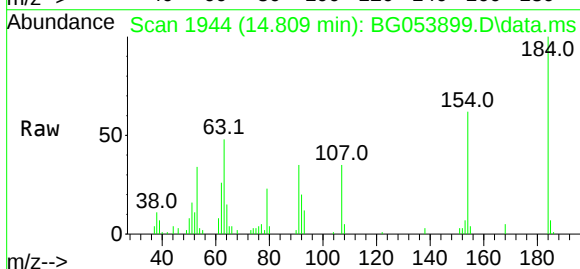
Manual Integrations  
APPROVED

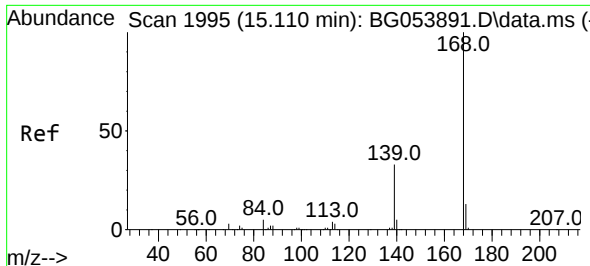
Reviewed By :Christian Giraldo 06/15/2022  
Supervised By :Jagrut Upadhyay 06/15/2022



#54  
2,4-Dinitrophenol  
Concen: 36.986 ng  
RT: 14.809 min Scan# 1944  
Delta R.T. -0.001 min  
Lab File: BG053899.D  
Acq: 14 Jun 2022 12:21

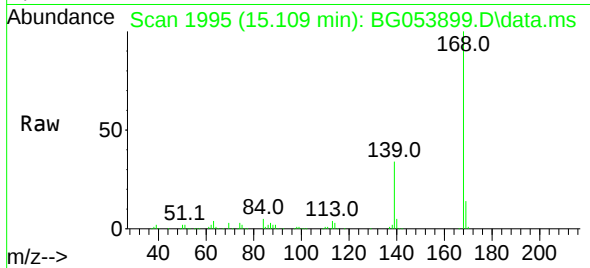
Tgt Ion:184 Resp: 18719  
Ion Ratio Lower Upper  
184 100  
63 47.5 61.1 91.7#  
154 62.4 60.6 91.0





#55  
Dibenzofuran  
Concen: 39.902 ng  
RT: 15.109 min Scan# 1995  
Delta R.T. -0.001 min  
Lab File: BG053899.D  
Acq: 14 Jun 2022 12:21

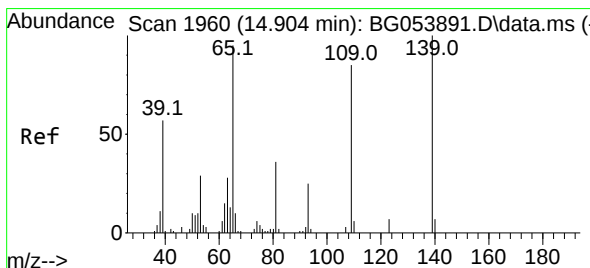
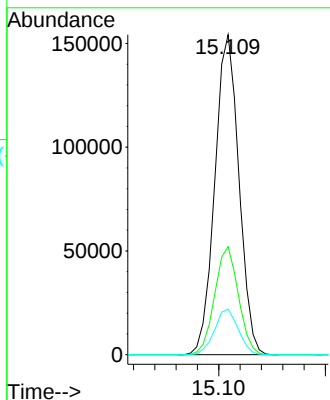
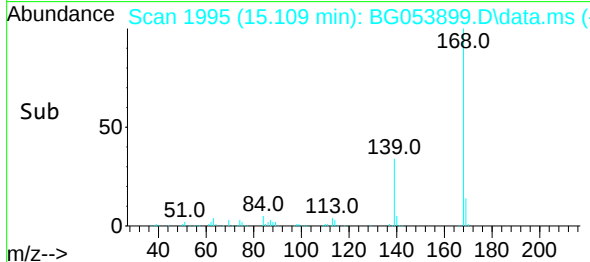
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



Tgt Ion:168 Resp: 241244  
Ion Ratio Lower Upper  
168 100  
139 33.8 30.5 45.7  
169 14.3 10.3 15.5

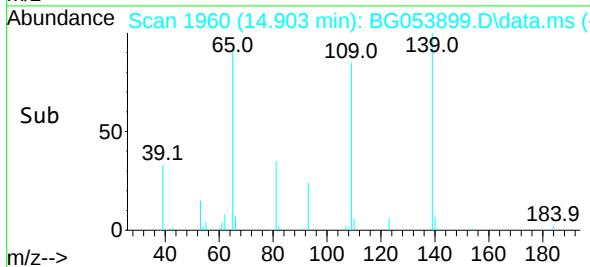
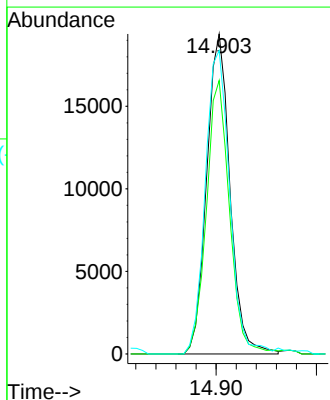
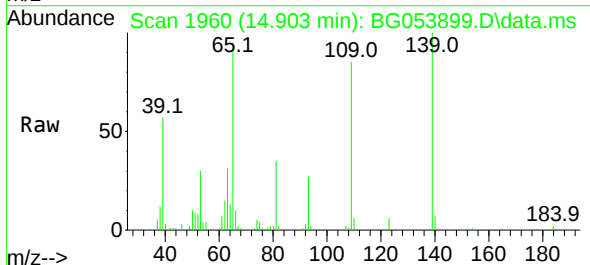
Manual Integrations  
APPROVED

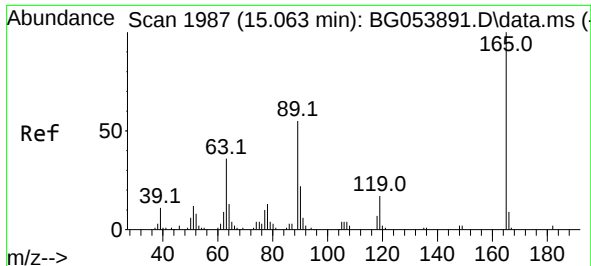
Reviewed By :Christian Giraldo 06/15/2022  
Supervised By :Jagrut Upadhyay 06/15/2022



#56  
4-Nitrophenol  
Concen: 44.074 ng  
RT: 14.903 min Scan# 1960  
Delta R.T. -0.001 min  
Lab File: BG053899.D  
Acq: 14 Jun 2022 12:21

Tgt Ion:139 Resp: 31327  
Ion Ratio Lower Upper  
139 100  
109 85.5 88.5 128.5#  
65 94.8 93.9 133.9





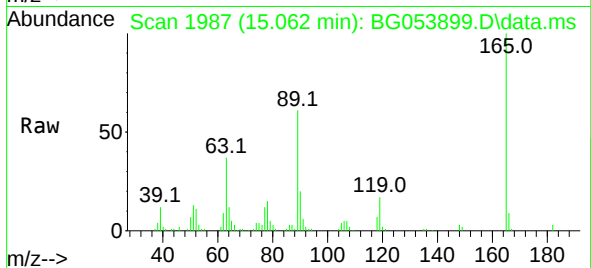
#57  
2,4-Dinitrotoluene  
Concen: 41.881 ng  
RT: 15.062 min Scan# 1987  
Delta R.T. -0.001 min  
Lab File: BG053899.D  
Acq: 14 Jun 2022 12:21

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

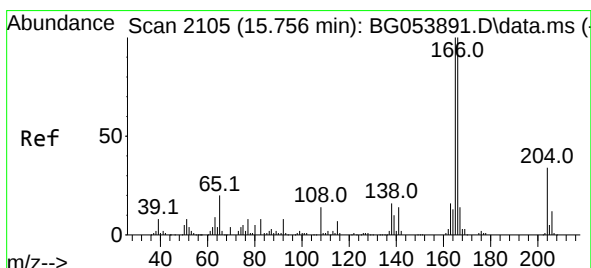
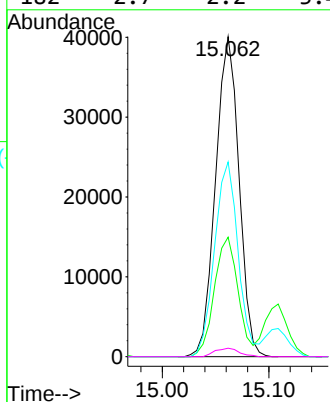
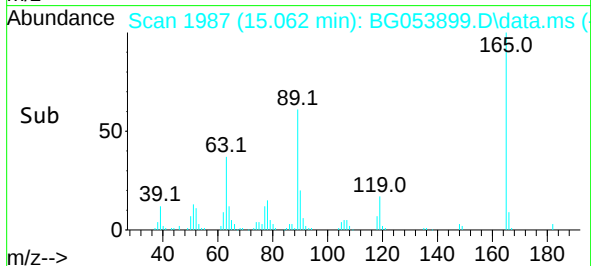


Tgt Ion:165 Resp: 6112  
Ion Ratio Lower Upper  
165 100  
63 37.4 34.6 52.0  
89 60.9 60.3 90.5  
182 2.7 2.2 3.4

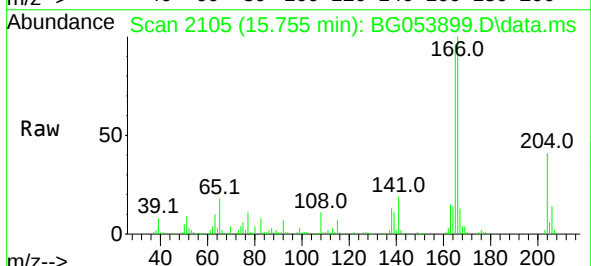
Manual Integrations

APPROVED

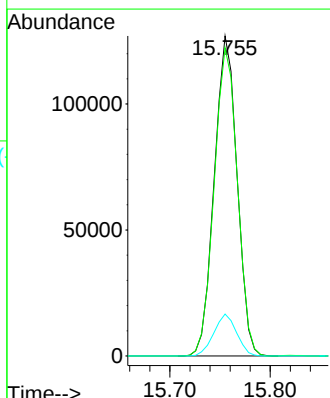
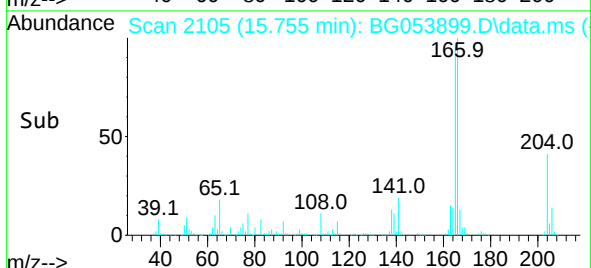
Reviewed By :Christian Giraldo 06/15/2022  
Supervised By :Jagrut Upadhyay 06/15/2022

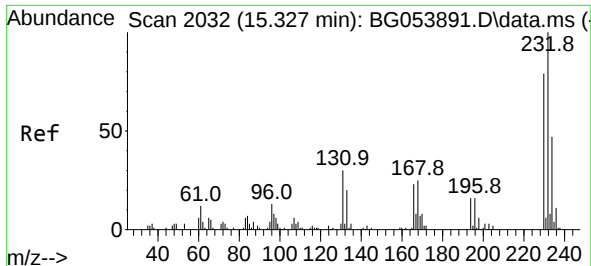


#58  
Fluorene  
Concen: 40.282 ng  
RT: 15.755 min Scan# 2105  
Delta R.T. -0.001 min  
Lab File: BG053899.D  
Acq: 14 Jun 2022 12:21



Tgt Ion:166 Resp: 199960  
Ion Ratio Lower Upper  
166 100  
165 96.3 75.0 112.6  
167 13.1 10.8 16.2





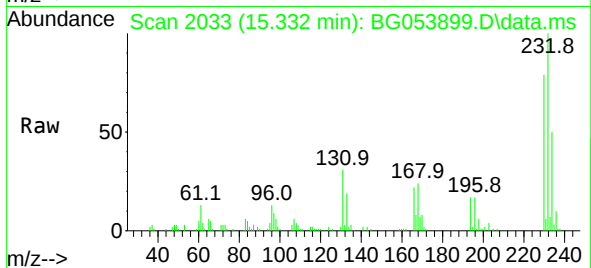
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 40.107 ng  
RT: 15.332 min Scan# 2033  
Delta R.T. 0.005 min  
Lab File: BG053899.D  
Acq: 14 Jun 2022 12:21

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

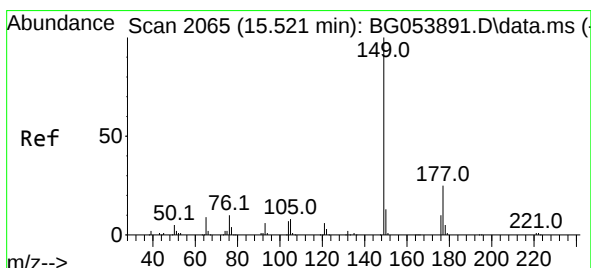
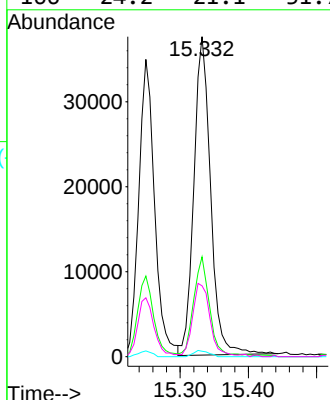
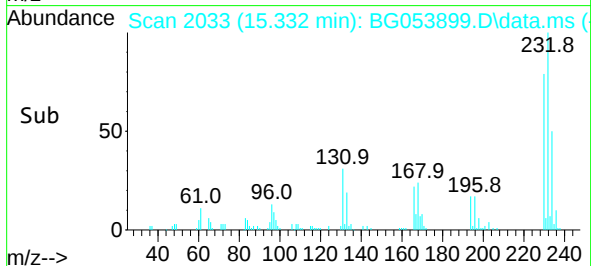


Tgt Ion:232 Resp: 63659  
Ion Ratio Lower Upper  
232 100  
131 29.0 30.6 46.0  
130 1.8 1.8 2.8  
166 24.2 21.1 31.7

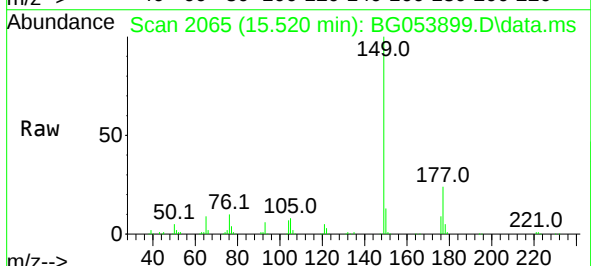
Manual Integrations

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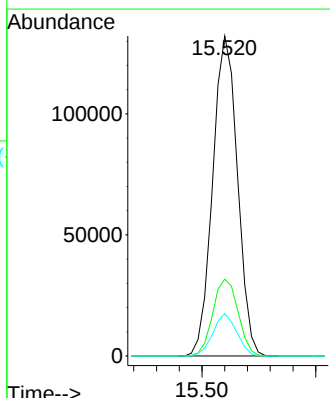
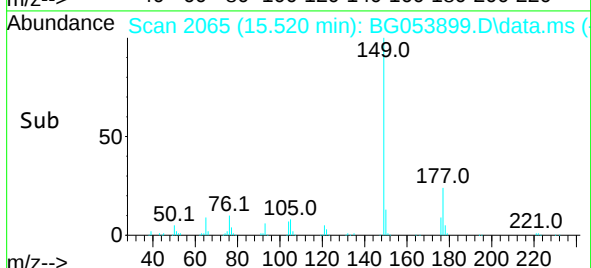
Reviewed By :Christian Giraldo 06/15/2022  
Supervised By :Jagrut Upadhyay 06/15/2022

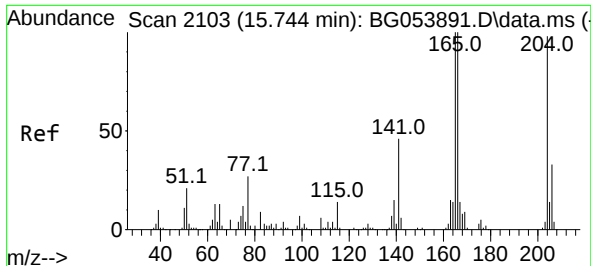


#60  
Diethylphthalate  
Concen: 40.316 ng  
RT: 15.520 min Scan# 2065  
Delta R.T. -0.001 min  
Lab File: BG053899.D  
Acq: 14 Jun 2022 12:21



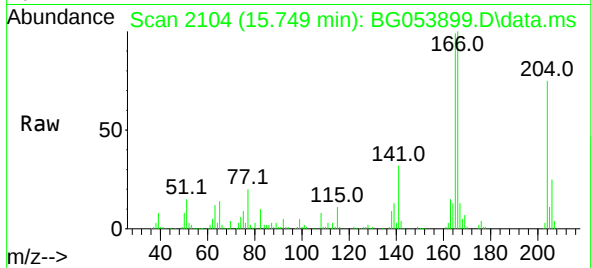
Tgt Ion:149 Resp: 199693  
Ion Ratio Lower Upper  
149 100  
177 24.0 18.4 27.6  
150 13.3 11.2 16.8





#61  
4-Chlorophenyl-phenylether  
Concen: 39.280 ng  
RT: 15.749 min Scan# 2103  
Delta R.T. 0.005 min  
Lab File: BG053899.D  
Acq: 14 Jun 2022 12:21

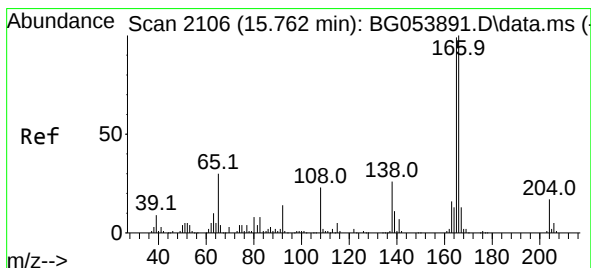
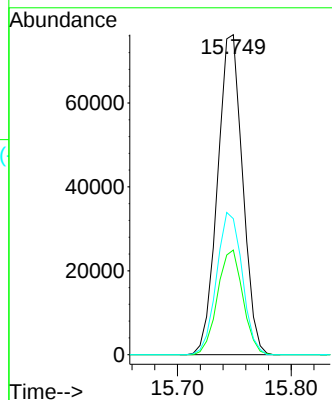
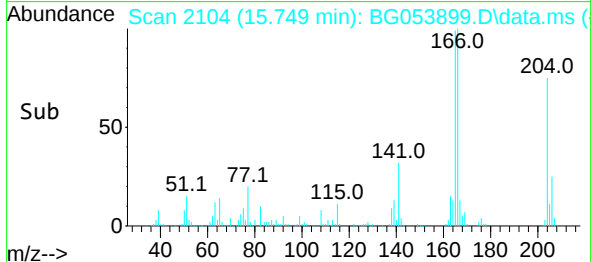
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



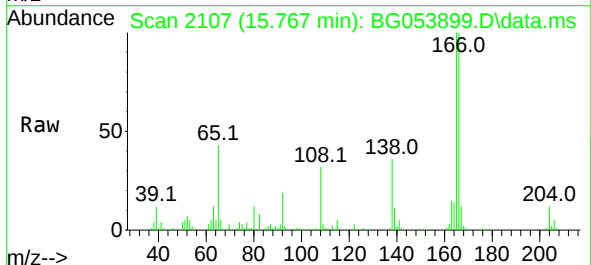
Tgt Ion:204 Resp: 116730  
Ion Ratio Lower Upper  
204 100  
206 32.7 27.5 41.3  
141 42.5 45.3 67.9

Manual Integrations  
APPROVED

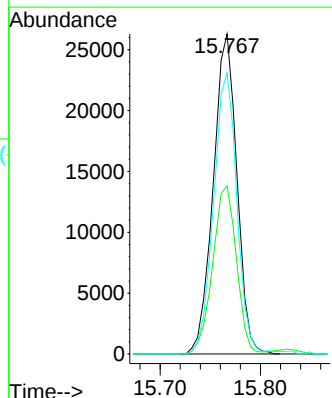
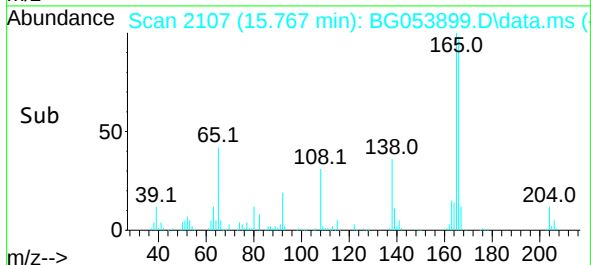
Reviewed By :Christian Giraldo 06/15/2022  
Supervised By :Jagrut Upadhyay 06/15/2022

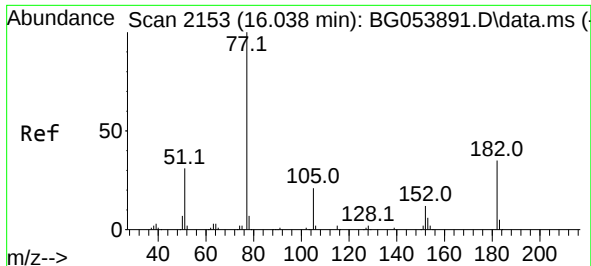


#62  
4-Nitroaniline  
Concen: 41.184 ng  
RT: 15.767 min Scan# 2107  
Delta R.T. 0.005 min  
Lab File: BG053899.D  
Acq: 14 Jun 2022 12:21



Tgt Ion:138 Resp: 42999  
Ion Ratio Lower Upper  
138 100  
92 52.5 40.5 80.5  
108 87.8 103.7 143.7





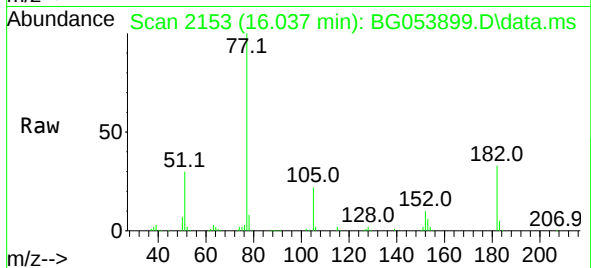
#63  
Azobenzene  
Concen: 40.814 ng  
RT: 16.037 min Scan# 2153  
Delta R.T. -0.001 min  
Lab File: BG053899.D  
Acq: 14 Jun 2022 12:21

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

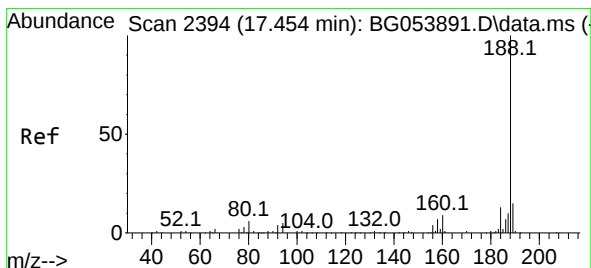
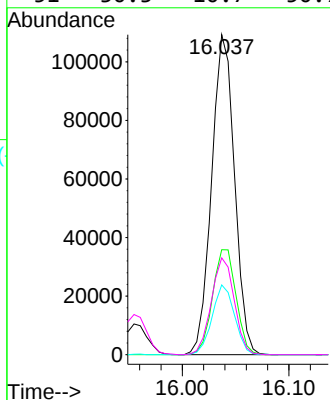
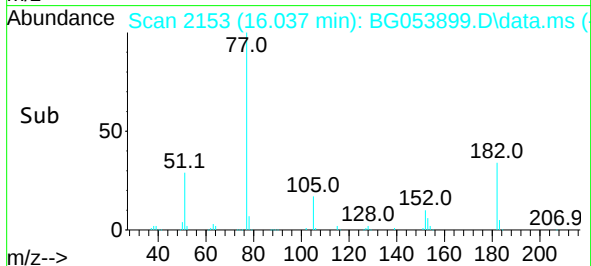


Tgt Ion: 77 Resp: 162720  
Ion Ratio Lower Upper  
77 100  
182 32.8 3.8 43.8  
105 21.8 0.0 37.8  
51 30.3 10.7 50.7

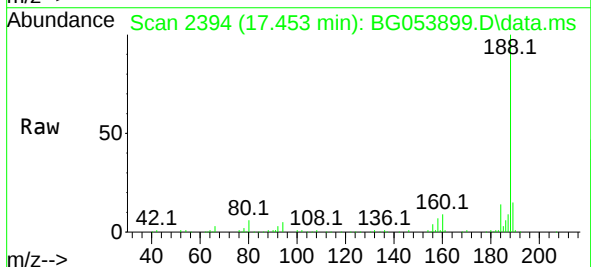
Manual Integrations

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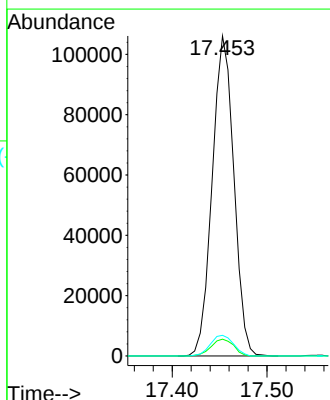
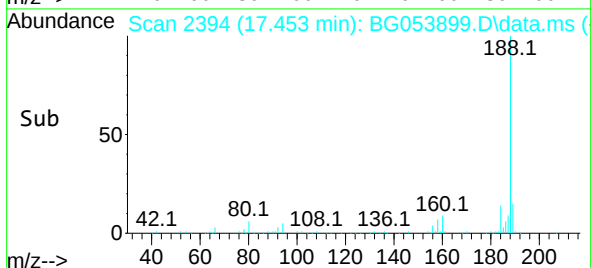
Reviewed By :Christian Giraldo 06/15/2022  
Supervised By :Jagrut Upadhyay 06/15/2022

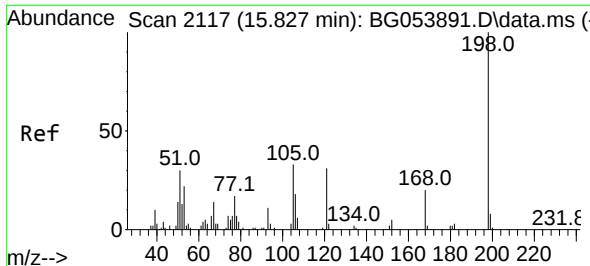


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.453 min Scan# 2394  
Delta R.T. -0.001 min  
Lab File: BG053899.D  
Acq: 14 Jun 2022 12:21



Tgt Ion:188 Resp: 168518  
Ion Ratio Lower Upper  
188 100  
94 5.2 5.4 8.0#  
80 6.4 6.8 10.2#





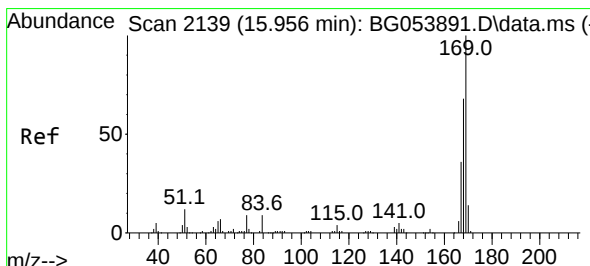
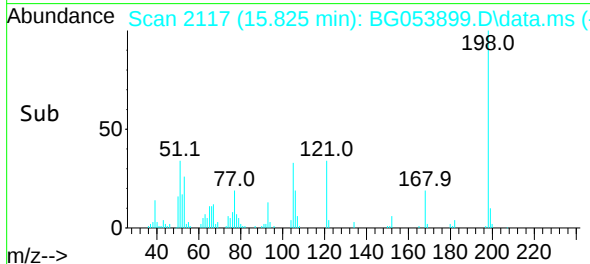
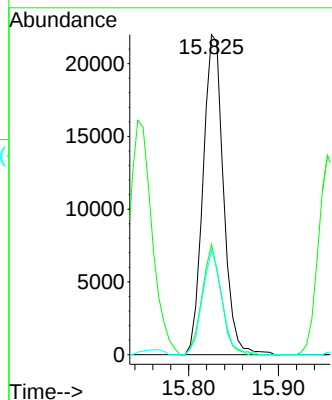
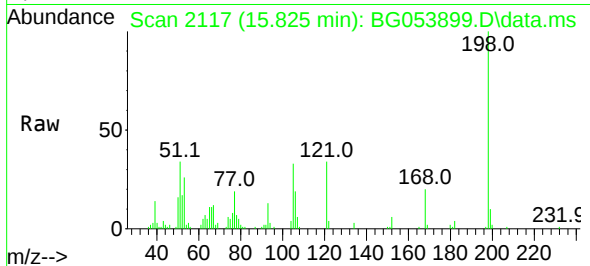
#65  
4,6-Dinitro-2-methylphenol  
Concen: 41.241 ng  
RT: 15.825 min Scan# 2117  
Delta R.T. -0.001 min  
Lab File: BG053899.D  
Acq: 14 Jun 2022 12:21

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:198 Resp: 3467  
Ion Ratio Lower Upper  
198 100  
51 34.4 28.1 68.1  
105 32.6 20.3 60.3

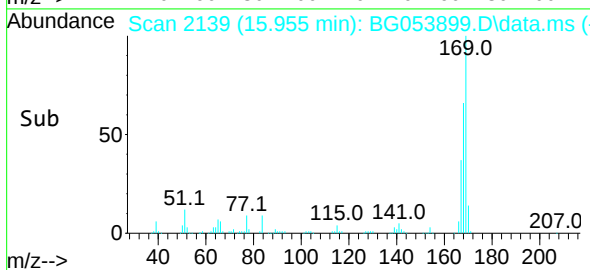
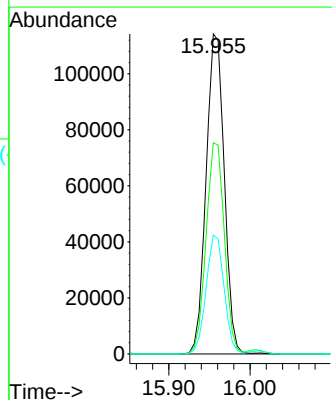
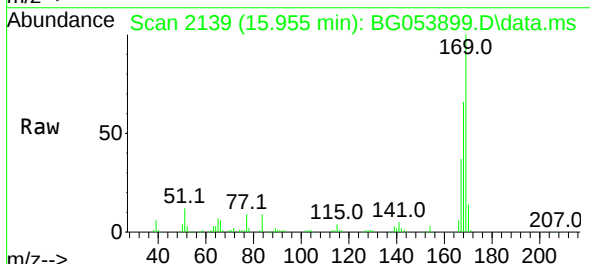
Manual Integrations  
APPROVED

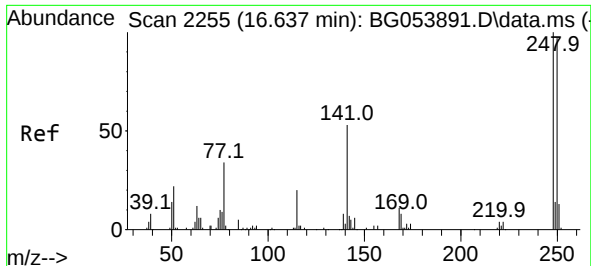
Reviewed By :Christian Giraldo 06/15/2022  
Supervised By :Jagrut Upadhyay 06/15/2022



#66  
n-Nitrosodiphenylamine  
Concen: 40.290 ng  
RT: 15.955 min Scan# 2139  
Delta R.T. -0.001 min  
Lab File: BG053899.D  
Acq: 14 Jun 2022 12:21

Tgt Ion:169 Resp: 176948  
Ion Ratio Lower Upper  
169 100  
168 66.0 55.9 83.9  
167 37.1 30.6 46.0





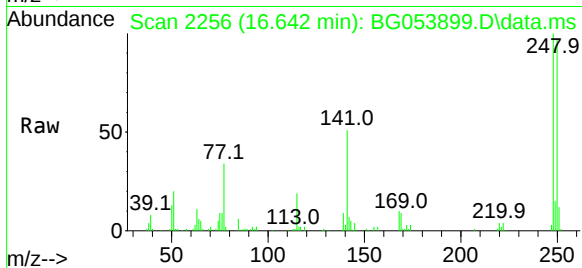
#67  
4-Bromophenyl-phenylether  
Concen: 40.193 ng  
RT: 16.642 min Scan# 21  
Delta R.T. 0.005 min  
Lab File: BG053899.D  
Acq: 14 Jun 2022 12:21

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

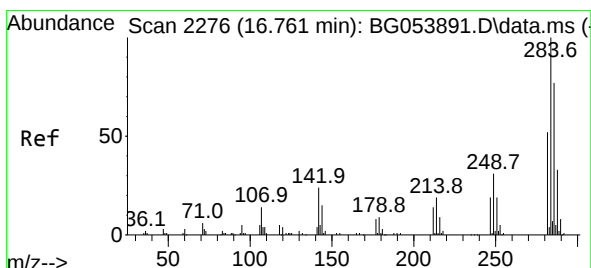
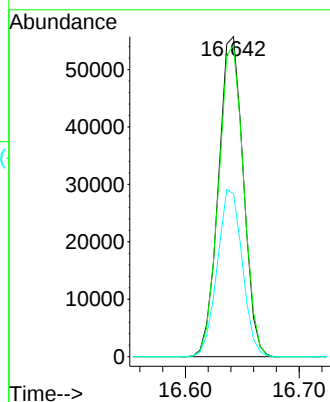


Tgt Ion:248 Resp: 84594  
Ion Ratio Lower Upper  
248 100  
250 97.2 75.2 112.8  
141 51.0 50.0 75.0

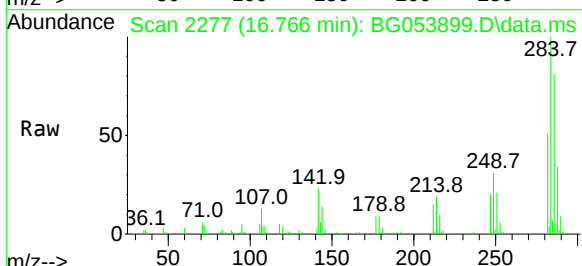
Manual Integrations

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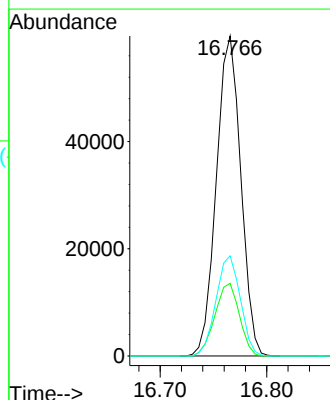
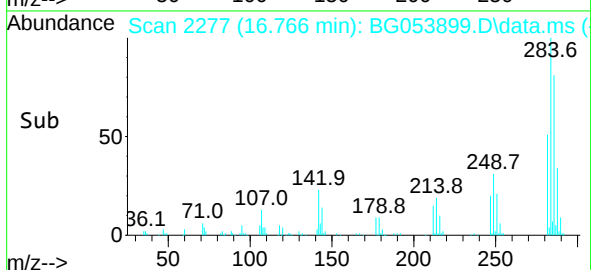
Reviewed By :Christian Giraldo 06/15/2022  
Supervised By :Jagrut Upadhyay 06/15/2022

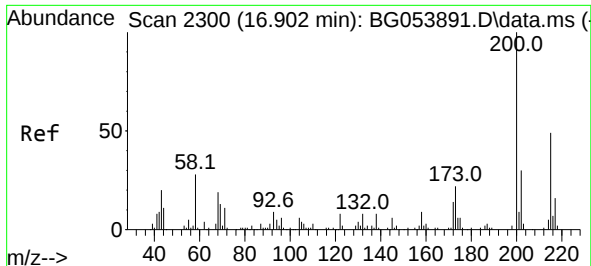


#68  
Hexachlorobenzene  
Concen: 39.423 ng  
RT: 16.766 min Scan# 2277  
Delta R.T. 0.005 min  
Lab File: BG053899.D  
Acq: 14 Jun 2022 12:21



Tgt Ion:284 Resp: 94912  
Ion Ratio Lower Upper  
284 100  
142 22.7 23.6 35.4#  
249 33.6 25.8 38.6





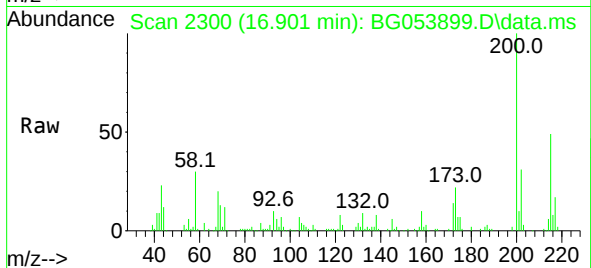
#69  
 Atrazine  
 Concen: 41.217 ng  
 RT: 16.901 min Scan# 21  
 Delta R.T. -0.001 min  
 Lab File: BG053899.D  
 Acq: 14 Jun 2022 12:21

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

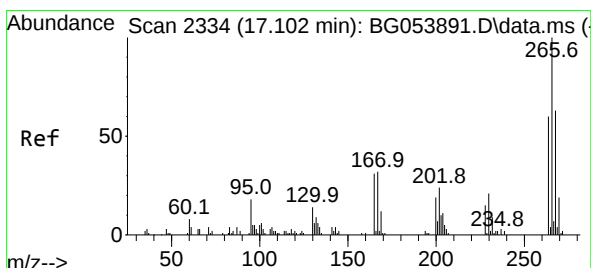
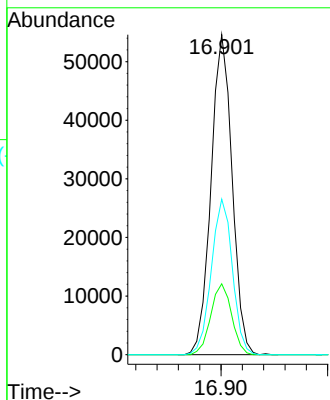
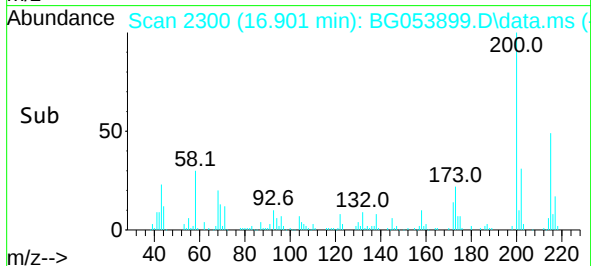


Tgt Ion:200 Resp: 7498  
 Ion Ratio Lower Upper  
 200 100  
 173 22.2 3.7 43.7  
 215 48.6 25.2 65.2

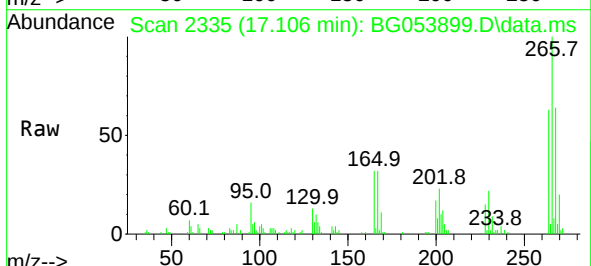
Manual Integrations

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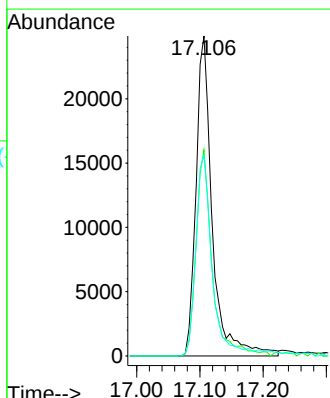
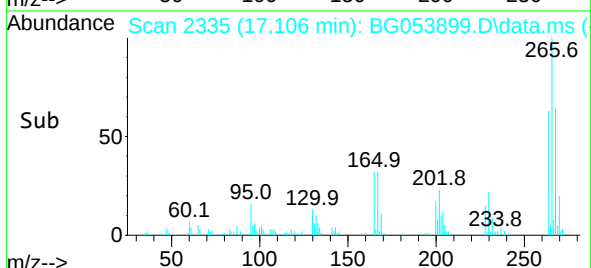
Reviewed By :Christian Giraldo 06/15/2022  
 Supervised By :Jagrut Upadhyay 06/15/2022

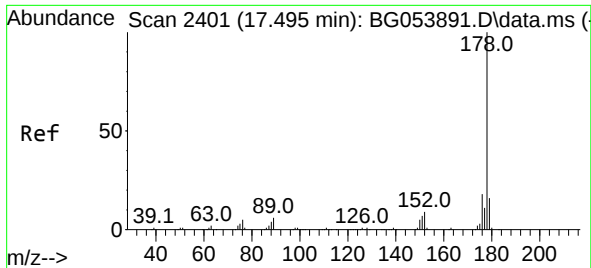


#70  
 Pentachlorophenol  
 Concen: 39.662 ng  
 RT: 17.106 min Scan# 2335  
 Delta R.T. 0.005 min  
 Lab File: BG053899.D  
 Acq: 14 Jun 2022 12:21



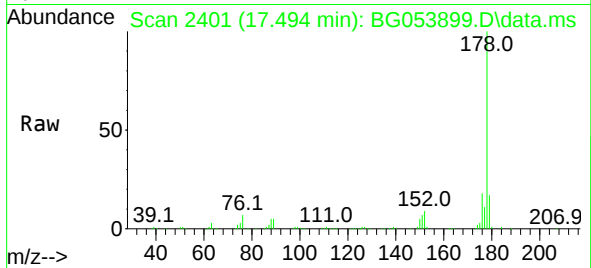
Tgt Ion:266 Resp: 44356  
 Ion Ratio Lower Upper  
 266 100  
 268 64.5 56.2 84.2  
 264 62.7 53.0 79.4





#71  
Phenanthrene  
Concen: 40.132 ng  
RT: 17.494 min Scan# 2401  
Delta R.T. -0.001 min  
Lab File: BG053899.D  
Acq: 14 Jun 2022 12:21

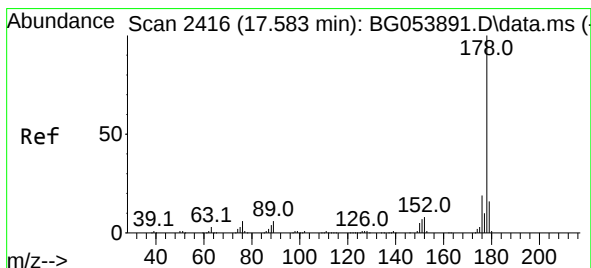
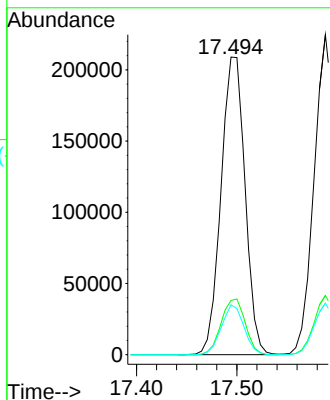
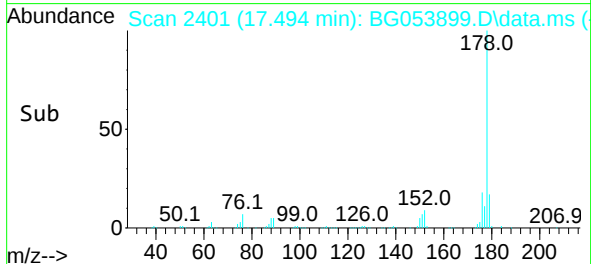
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



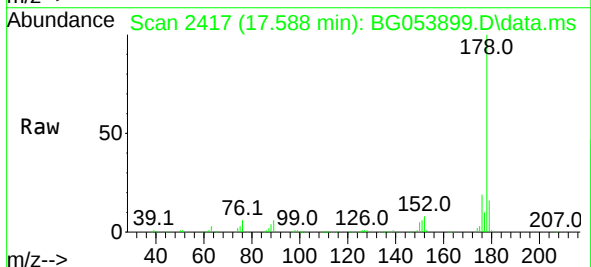
Tgt Ion:178 Resp: 347458  
Ion Ratio Lower Upper  
178 100  
176 18.2 14.1 21.1  
179 16.8 12.1 18.1

Manual Integrations  
APPROVED

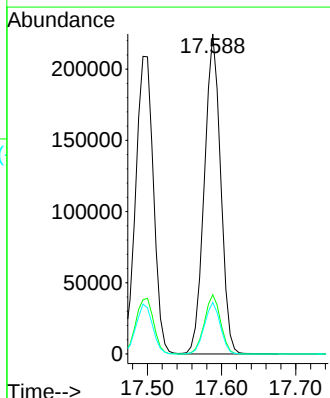
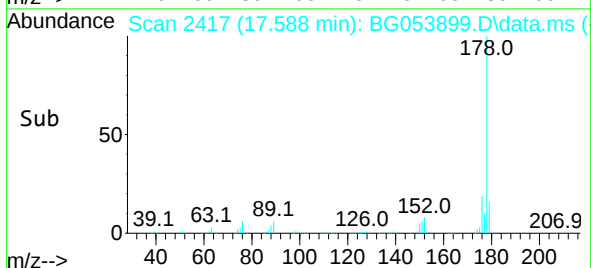
Reviewed By :Christian Giraldo 06/15/2022  
Supervised By :Jagrut Upadhyay 06/15/2022

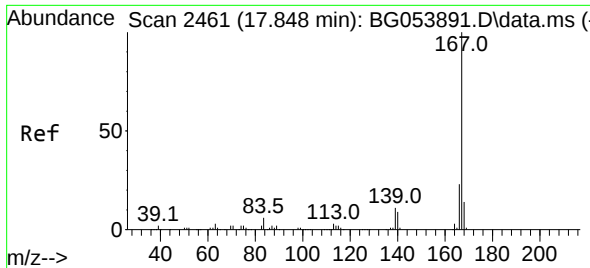


#72  
Anthracene  
Concen: 40.459 ng  
RT: 17.588 min Scan# 2417  
Delta R.T. 0.005 min  
Lab File: BG053899.D  
Acq: 14 Jun 2022 12:21



Tgt Ion:178 Resp: 342071  
Ion Ratio Lower Upper  
178 100  
176 18.5 15.2 22.8  
179 16.1 13.0 19.4





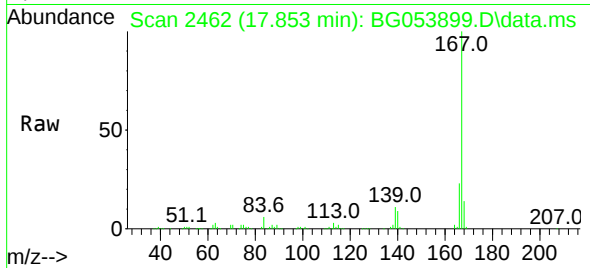
#73  
Carbazole  
Concen: 40.827 ng  
RT: 17.853 min Scan# 2462  
Delta R.T. 0.005 min  
Lab File: BG053899.D  
Acq: 14 Jun 2022 12:21

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

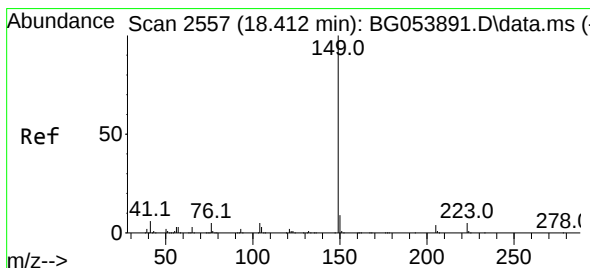
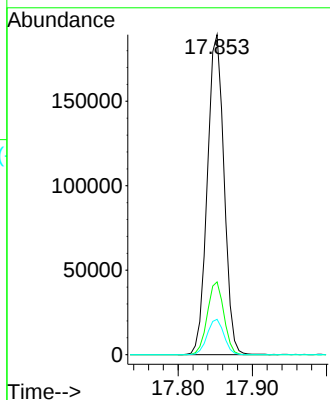
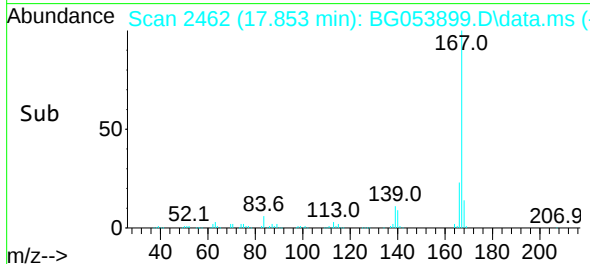


Tgt Ion:167 Resp: 296280  
Ion Ratio Lower Upper  
167 100  
166 22.8 18.2 27.2  
139 11.1 10.1 15.1

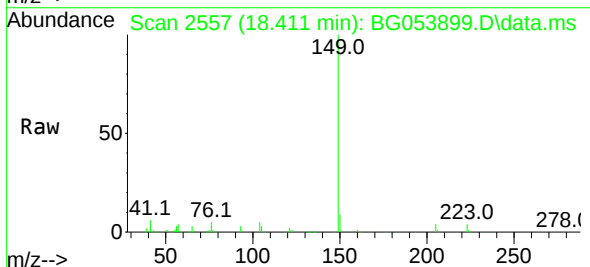
Manual Integrations

APPROVED

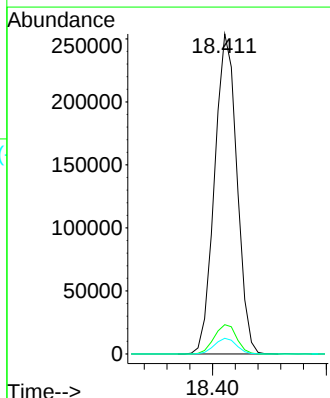
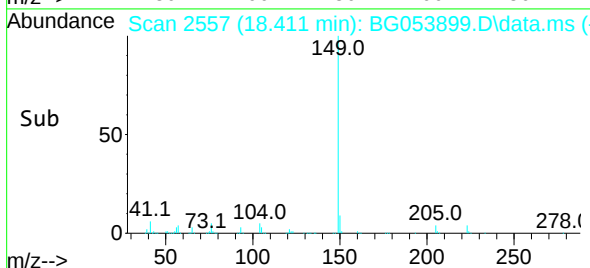
Reviewed By :Christian Giraldo 06/15/2022  
Supervised By :Jagrut Upadhyay 06/15/2022

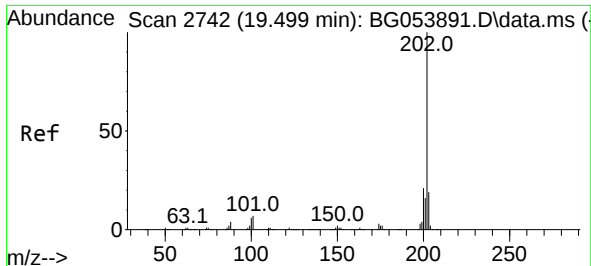


#74  
Di-n-butylphthalate  
Concen: 41.345 ng  
RT: 18.411 min Scan# 2557  
Delta R.T. -0.001 min  
Lab File: BG053899.D  
Acq: 14 Jun 2022 12:21



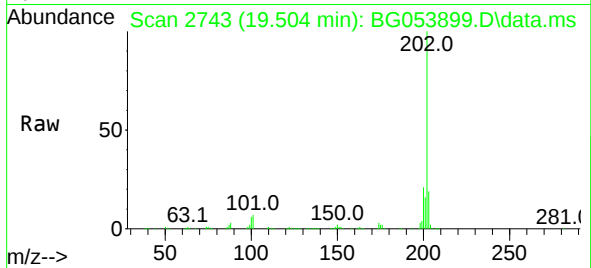
Tgt Ion:149 Resp: 346913  
Ion Ratio Lower Upper  
149 100  
150 9.2 7.7 11.5  
104 4.9 5.4 8.0#





#75  
Fluoranthene  
Concen: 40.426 ng  
RT: 19.504 min Scan# 21  
Delta R.T. 0.005 min  
Lab File: BG053899.D  
Acq: 14 Jun 2022 12:21

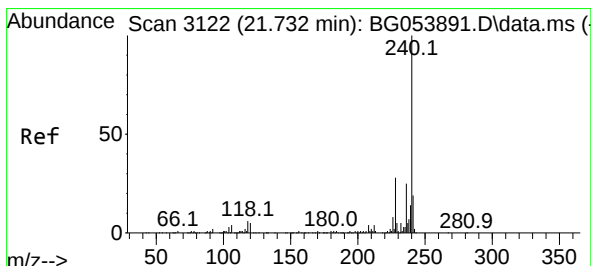
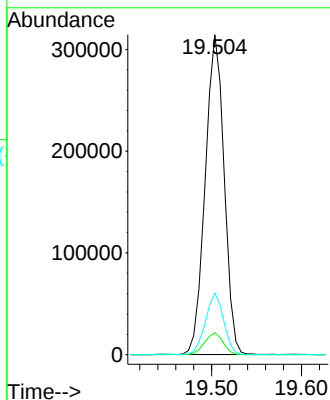
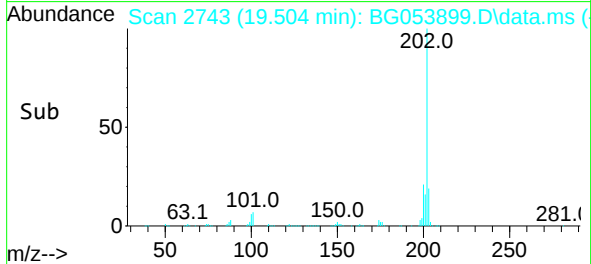
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



Tgt Ion:202 Resp: 459462  
Ion Ratio Lower Upper  
202 100  
101 6.8 0.0 26.9  
203 19.2 0.0 37.2

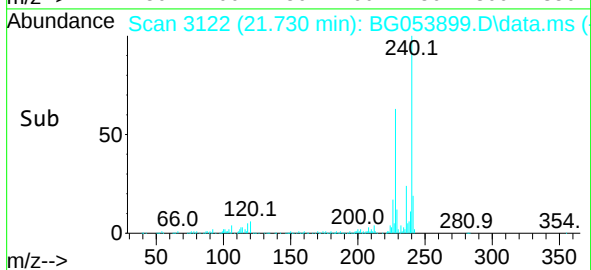
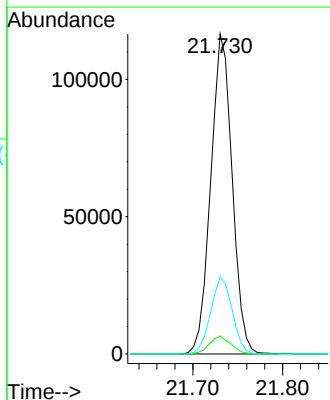
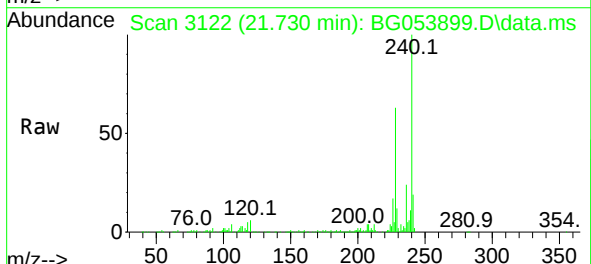
Manual Integrations  
APPROVED

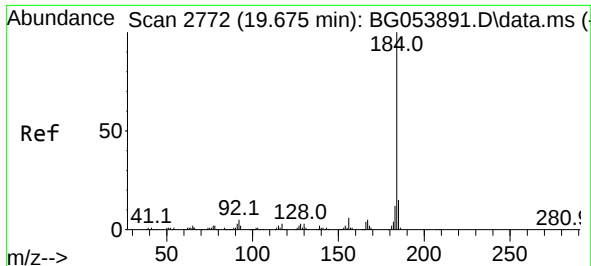
Reviewed By :Christian Giraldo 06/15/2022  
Supervised By :Jagrut Upadhyay 06/15/2022



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.730 min Scan# 3122  
Delta R.T. -0.001 min  
Lab File: BG053899.D  
Acq: 14 Jun 2022 12:21

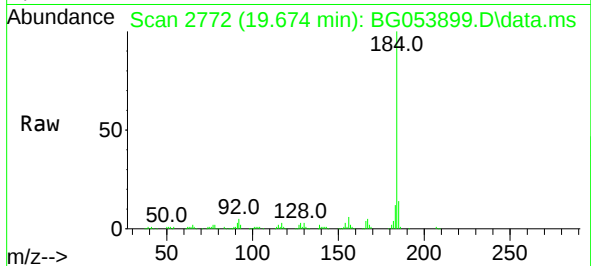
Tgt Ion:240 Resp: 192982  
Ion Ratio Lower Upper  
240 100  
120 5.6 4.6 7.0  
236 24.1 20.2 30.4





#77  
Benzidine  
Concen: 44.286 ng  
RT: 19.674 min Scan# 21  
Delta R.T. -0.001 min  
Lab File: BG053899.D  
Acq: 14 Jun 2022 12:21

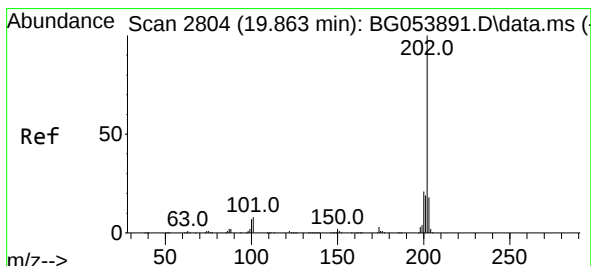
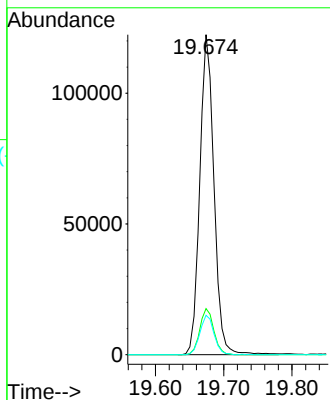
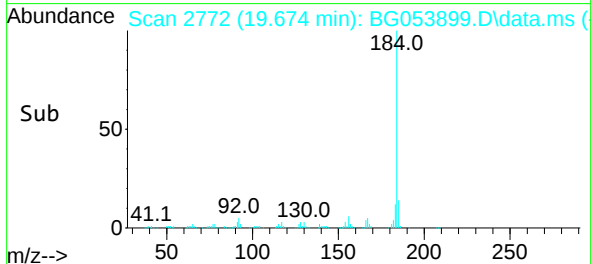
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



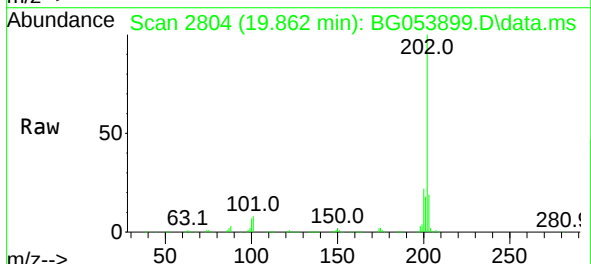
Tgt Ion:184 Resp: 17698  
Ion Ratio Lower Upper  
184 100  
185 14.4 11.8 17.6  
183 12.3 8.9 13.3

Manual Integrations  
APPROVED

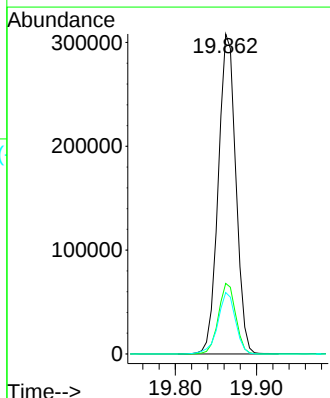
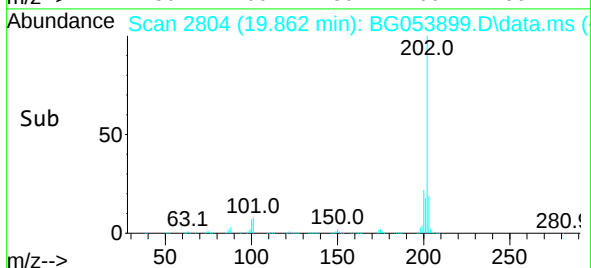
Reviewed By :Christian Giraldo 06/15/2022  
Supervised By :Jagrut Upadhyay 06/15/2022

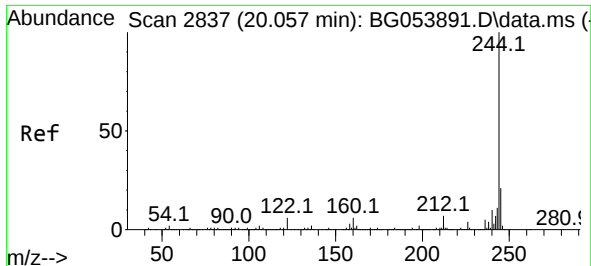


#78  
Pyrene  
Concen: 39.748 ng  
RT: 19.862 min Scan# 2804  
Delta R.T. -0.001 min  
Lab File: BG053899.D  
Acq: 14 Jun 2022 12:21



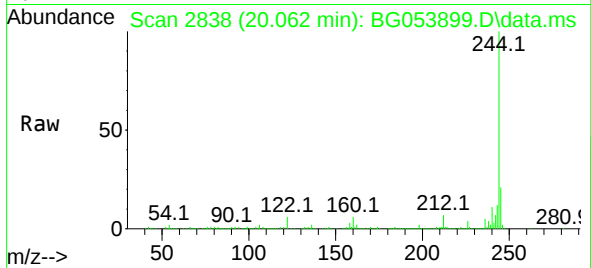
Tgt Ion:202 Resp: 463292  
Ion Ratio Lower Upper  
202 100  
200 22.1 16.6 24.8  
203 19.2 14.6 21.8





#79  
 Terphenyl-d14  
 Concen: 78.827 ng  
 RT: 20.062 min Scan# 2837  
 Delta R.T. 0.005 min  
 Lab File: BG053899.D  
 Acq: 14 Jun 2022 12:21

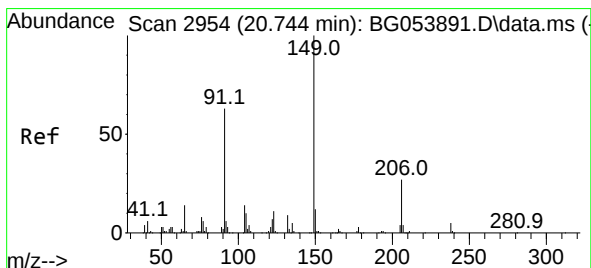
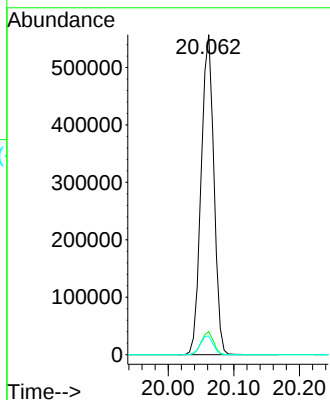
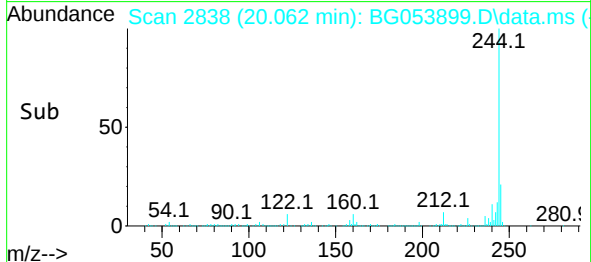
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040



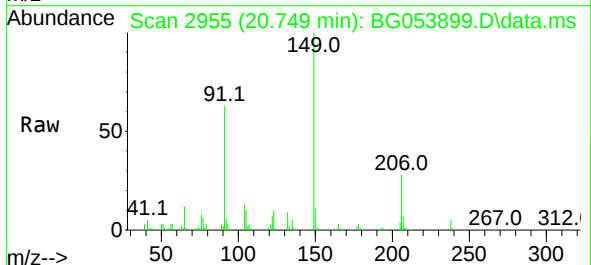
Tgt Ion:244 Resp: 755289  
 Ion Ratio Lower Upper  
 244 100  
 212 7.2 6.5 9.7  
 122 5.8 5.0 7.4

Manual Integrations  
 APPROVED

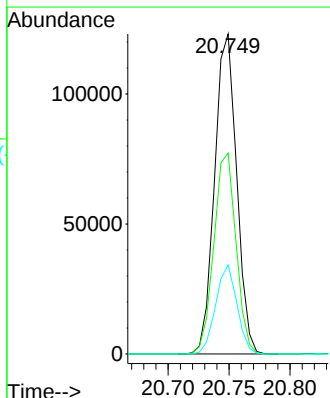
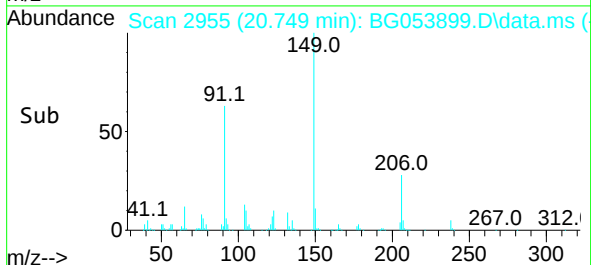
Reviewed By :Christian Giraldo 06/15/2022  
 Supervised By :Jagrut Upadhyay 06/15/2022

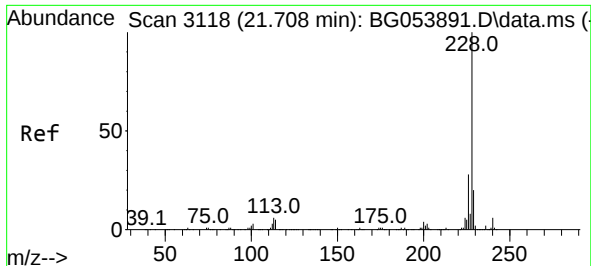


#80  
 Butylbenzylphthalate  
 Concen: 41.497 ng  
 RT: 20.749 min Scan# 2955  
 Delta R.T. 0.005 min  
 Lab File: BG053899.D  
 Acq: 14 Jun 2022 12:21



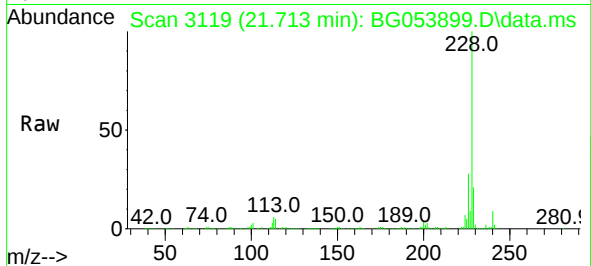
Tgt Ion:149 Resp: 155032  
 Ion Ratio Lower Upper  
 149 100  
 91 62.8 59.6 89.4  
 206 27.8 18.6 28.0





#81  
Benzo(a)anthracene  
Concen: 39.971 ng  
RT: 21.713 min Scan# 3118  
Delta R.T. 0.005 min  
Lab File: BG053899.D  
Acq: 14 Jun 2022 12:21

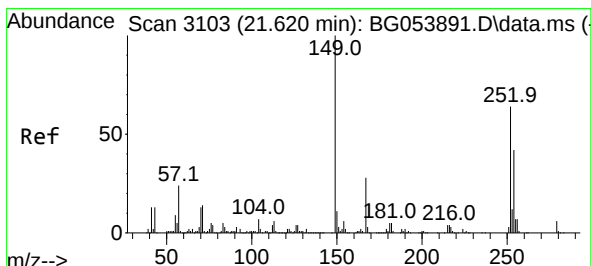
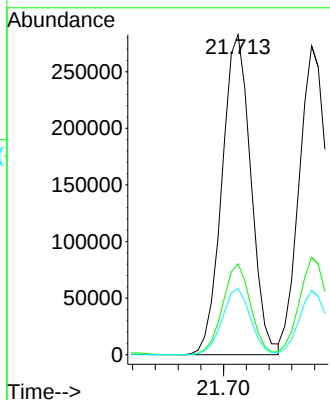
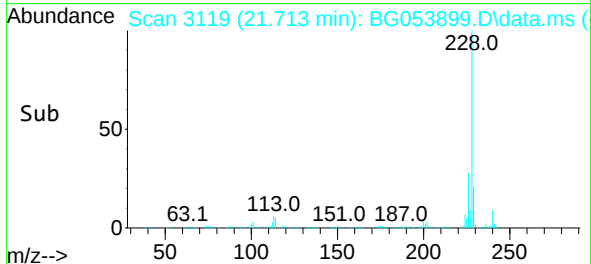
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



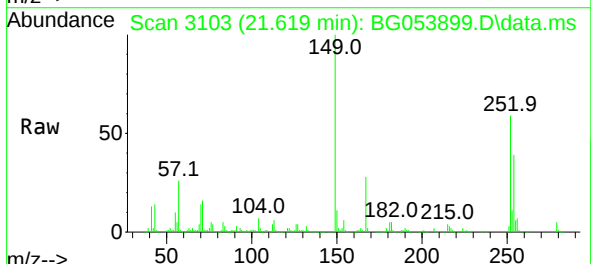
Tgt Ion:228 Resp: 49944  
Ion Ratio Lower Upper  
228 100  
226 28.4 21.6 32.4  
229 20.6 16.2 24.2

Manual Integrations  
APPROVED

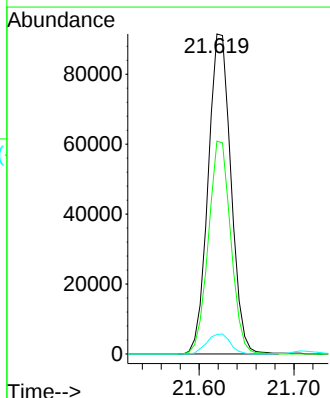
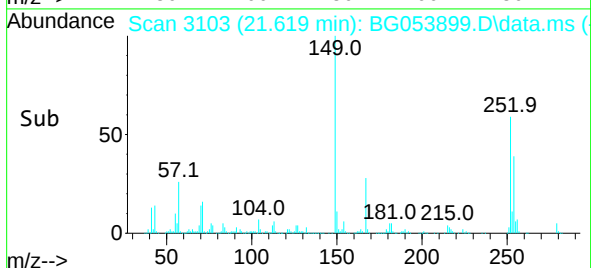
Reviewed By :Christian Giraldo 06/15/2022  
Supervised By :Jagrut Upadhyay 06/15/2022

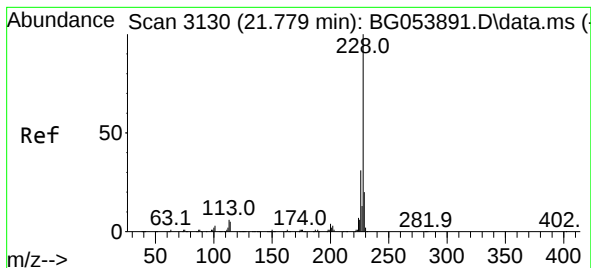


#82  
3,3'-Dichlorobenzidine  
Concen: 40.955 ng  
RT: 21.619 min Scan# 3103  
Delta R.T. -0.001 min  
Lab File: BG053899.D  
Acq: 14 Jun 2022 12:21



Tgt Ion:252 Resp: 152891  
Ion Ratio Lower Upper  
252 100  
254 66.5 49.8 74.8  
126 6.1 6.0 9.0





#83

Chrysene

Concen: 39.138 ng

RT: 21.777 min Scan# 31

Delta R.T. -0.001 min

Lab File: BG053899.D

Acq: 14 Jun 2022 12:21

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

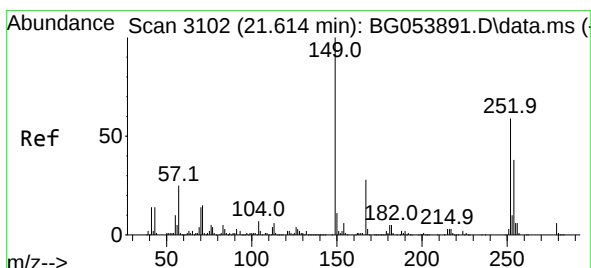
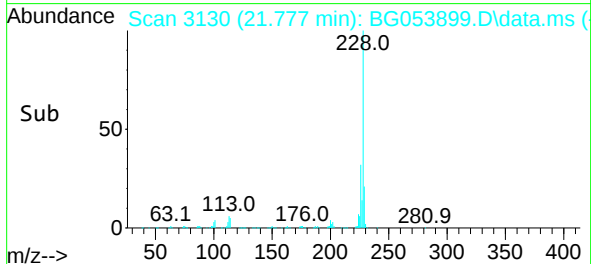
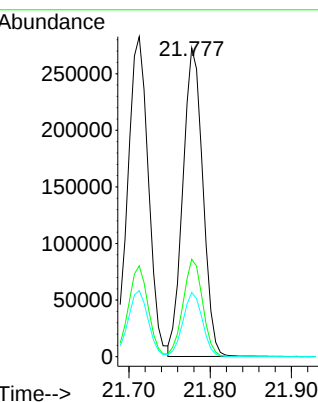
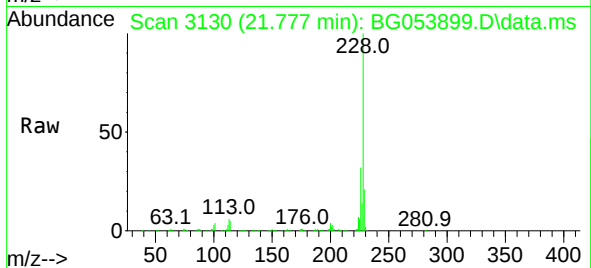
Tgt Ion:228 Resp: 46615

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 31.6  | 23.4  | 35.2  |
| 229 | 20.8  | 15.5  | 23.3  |

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/15/2022  
Supervised By :Jagrut Upadhyay 06/15/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.246 ng

RT: 21.619 min Scan# 3103

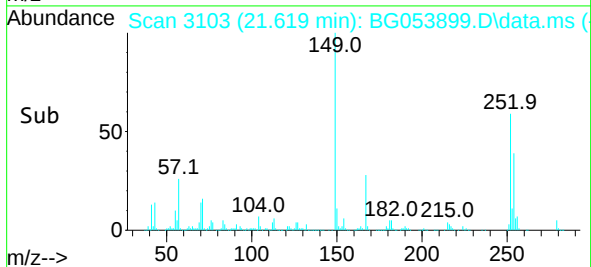
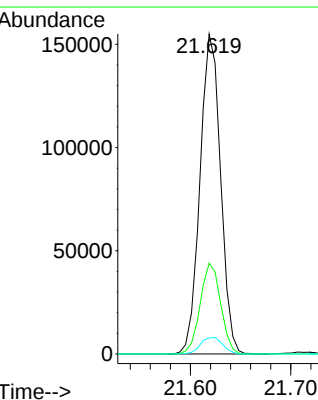
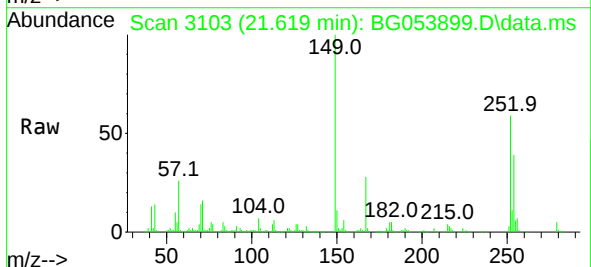
Delta R.T. 0.005 min

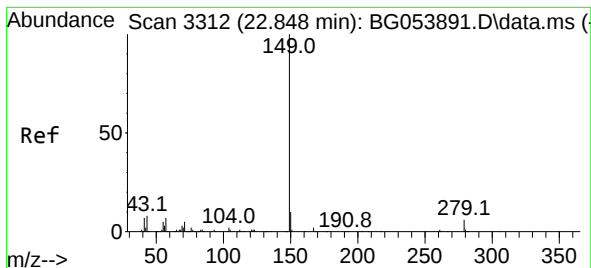
Lab File: BG053899.D

Acq: 14 Jun 2022 12:21

Tgt Ion:149 Resp: 220387

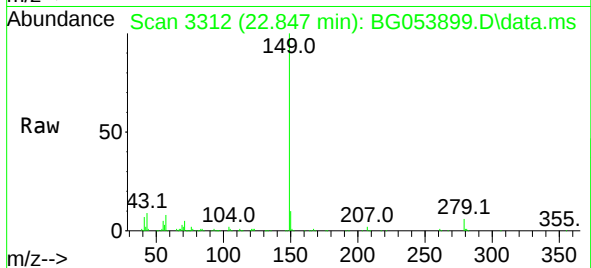
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 28.3  | 20.2  | 30.4  |
| 279 | 5.0   | 3.6   | 5.4   |





#85  
Di-n-octyl phthalate  
Concen: 41.710 ng  
RT: 22.847 min Scan# 31  
Delta R.T. -0.001 min  
Lab File: BG053899.D  
Acq: 14 Jun 2022 12:21

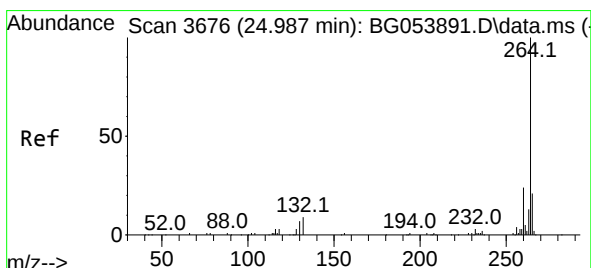
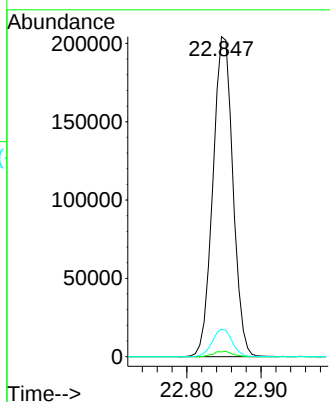
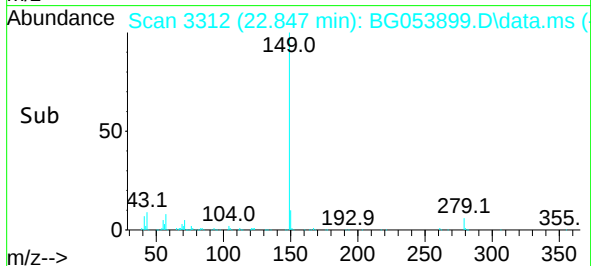
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



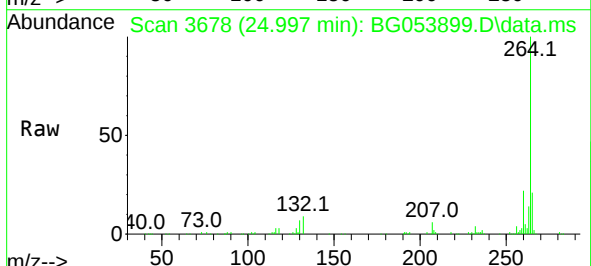
Tgt Ion:149 Resp: 383050  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 8.6 9.0 13.4

Manual Integrations  
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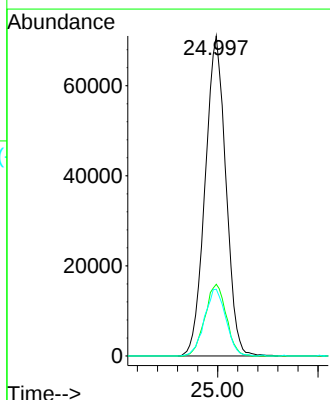
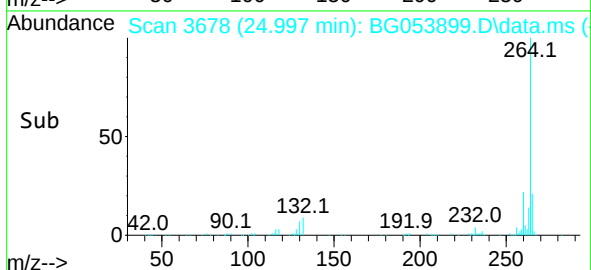
Reviewed By :Christian Giraldo 06/15/2022  
Supervised By :Jagrut Upadhyay 06/15/2022

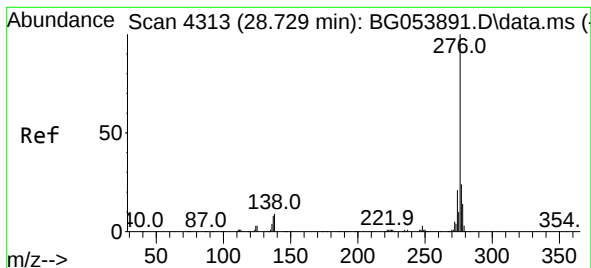


#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.997 min Scan# 3678  
Delta R.T. 0.011 min  
Lab File: BG053899.D  
Acq: 14 Jun 2022 12:21



Tgt Ion:264 Resp: 203521  
Ion Ratio Lower Upper  
264 100  
260 22.4 19.0 28.6  
265 20.8 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.677 ng

RT: 28.734 min Scan# 4313

Delta R.T. 0.005 min

Lab File: BG053899.D

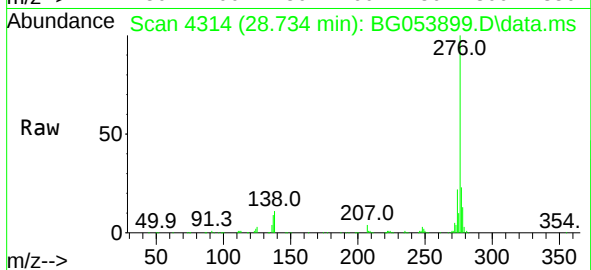
Acq: 14 Jun 2022 12:21

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040



Tgt Ion:276 Resp: 62474

Ion Ratio Lower Upper

276 100

138 13.3 5.0 7.4

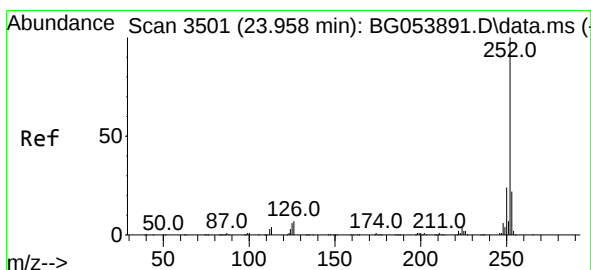
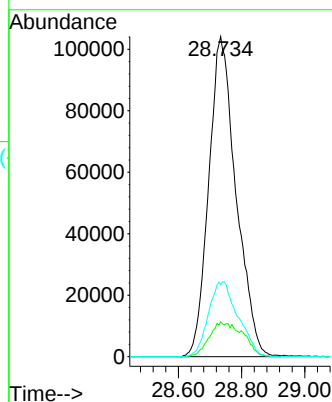
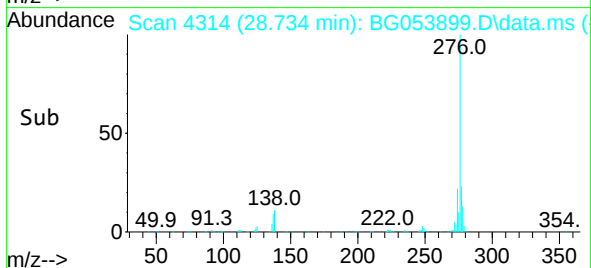
277 25.4 20.3 30.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/15/2022

Supervised By :Jagrut Upadhyay 06/15/2022



#88

Benzo(b)fluoranthene

Concen: 39.435 ng

RT: 23.963 min Scan# 3502

Delta R.T. 0.005 min

Lab File: BG053899.D

Acq: 14 Jun 2022 12:21

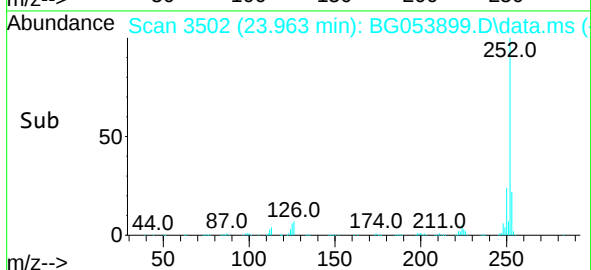
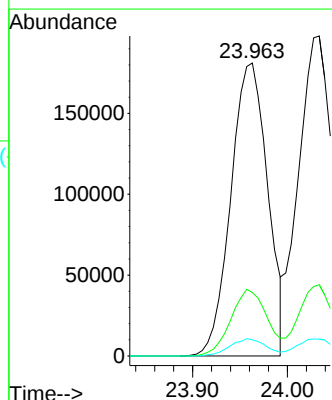
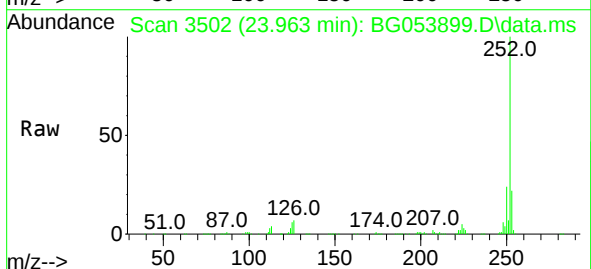
Tgt Ion:252 Resp: 487993

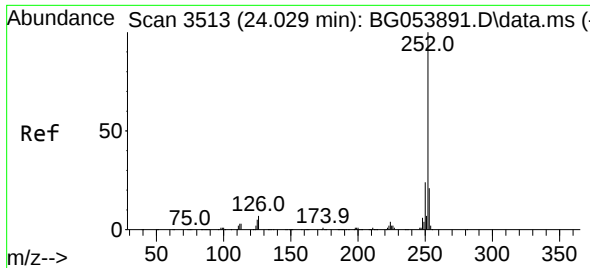
Ion Ratio Lower Upper

252 100

253 21.6 18.0 27.0

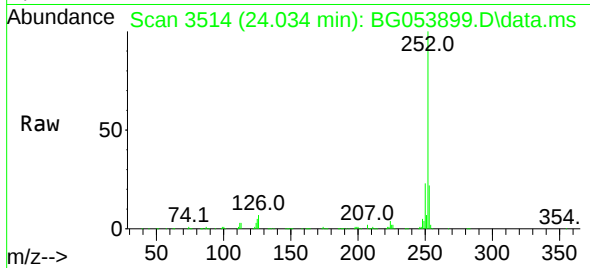
125 5.5 4.6 6.8





#89  
Benzo(k)fluoranthene  
Concen: 40.869 ng  
RT: 24.034 min Scan# 3513  
Delta R.T. 0.005 min  
Lab File: BG053899.D  
Acq: 14 Jun 2022 12:21

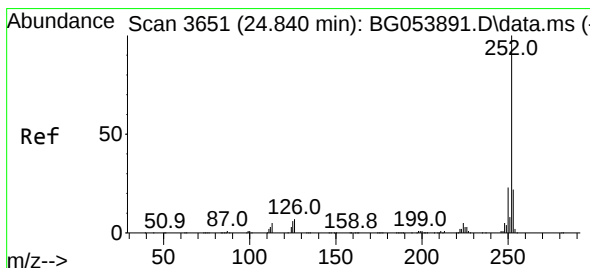
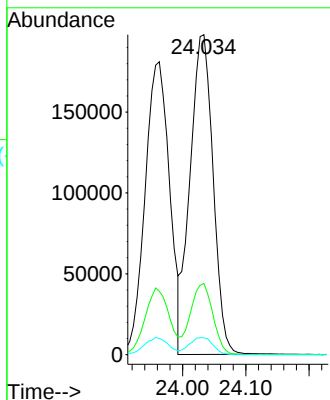
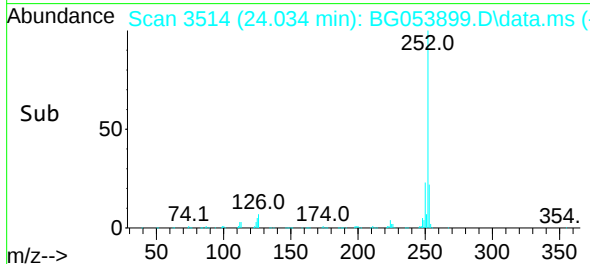
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



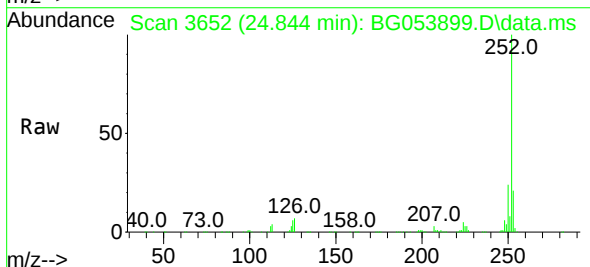
Tgt Ion:252 Resp: 500724  
Ion Ratio Lower Upper  
252 100  
253 22.3 18.4 27.6  
125 5.3 4.8 7.2

Manual Integrations  
APPROVED

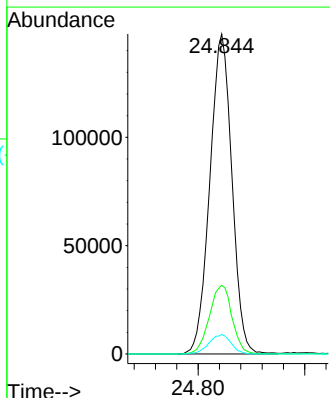
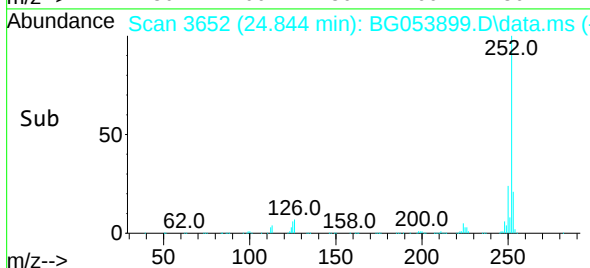
Reviewed By :Christian Giraldo 06/15/2022  
Supervised By :Jagrut Upadhyay 06/15/2022

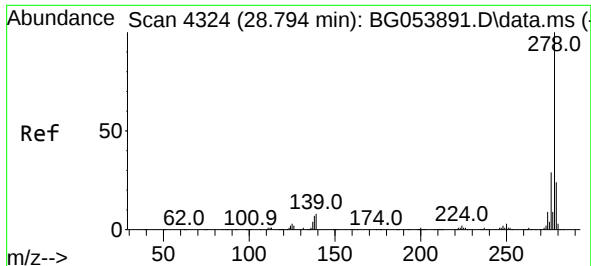


#90  
Benzo(a)pyrene  
Concen: 40.580 ng  
RT: 24.844 min Scan# 3652  
Delta R.T. 0.005 min  
Lab File: BG053899.D  
Acq: 14 Jun 2022 12:21



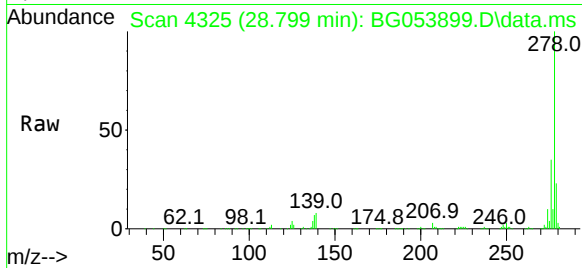
Tgt Ion:252 Resp: 423687  
Ion Ratio Lower Upper  
252 100  
253 21.5 17.8 26.8  
125 6.1 4.3 6.5





#91  
Dibenzo(a,h)anthracene  
Concen: 40.283 ng  
RT: 28.799 min Scan# 41  
Delta R.T. 0.005 min  
Lab File: BG053899.D  
Acq: 14 Jun 2022 12:21

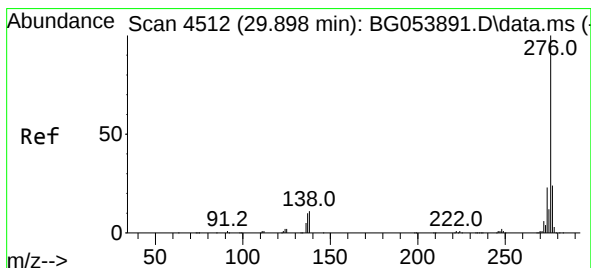
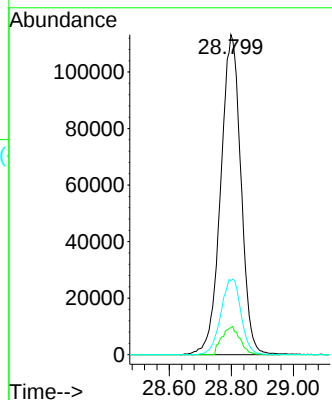
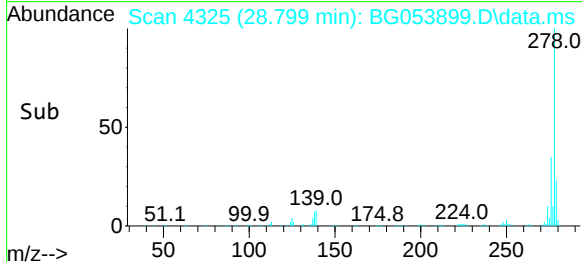
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



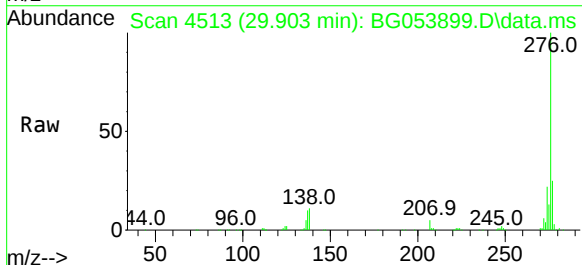
Tgt Ion:278 Resp: 511600  
Ion Ratio Lower Upper  
278 100  
139 8.4 7.2 10.8  
279 23.1 18.6 27.8

Manual Integrations  
APPROVED

Reviewed By :Christian Giraldo 06/15/2022  
Supervised By :Jagrut Upadhyay 06/15/2022



#92  
Benzo(g,h,i)perylene  
Concen: 40.516 ng  
RT: 29.903 min Scan# 4513  
Delta R.T. 0.005 min  
Lab File: BG053899.D  
Acq: 14 Jun 2022 12:21



Tgt Ion:276 Resp: 507814  
Ion Ratio Lower Upper  
276 100  
277 24.6 17.3 25.9  
138 11.2 9.6 14.4

