

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG030922\  
 Data File : BG052616.D  
 Acq On : 9 Mar 2022 17:45  
 Operator : CG/JU  
 Sample : SSTDICC005  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC005

Manual Integrations  
 APPROVED

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

Quant Time: Mar 10 06:32:46 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030922.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 10 03:46:05 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.179  | 152  | 28149    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 11.016 | 136  | 114438   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.828 | 164  | 82308    | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.578 | 188  | 197676   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.884 | 240  | 199620   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 25.308 | 264  | 203792   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.706  | 112  | 16830    | 10.329 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.327  | 99   | 24541    | 10.406 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.348  | 82   | 26798    | 10.615 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.321 | 330  | 11012    | 9.433  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.448 | 172  | 66999    | 10.987 | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.174 | 244  | 124109   | 11.002 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.520  | 88   | 4256     | 5.678  | ng    | 96       |
| 3) Pyridine                   | 3.955  | 79   | 9345m    | 4.713  | ng    |          |
| 4) n-Nitrosodimethylamine     | 3.849  | 42   | 5158     | 5.459  | ng    | # 81     |
| 6) Aniline                    | 7.485  | 93   | 13401    | 5.036  | ng    | 99       |
| 8) 2-Chlorophenol             | 7.738  | 128  | 8869     | 5.159  | ng    | 95       |
| 10) Phenol                    | 7.356  | 94   | 12358    | 5.298  | ng    | 93       |
| 11) bis(2-Chloroethyl)ether   | 7.579  | 93   | 9880     | 5.515  | ng    | 84       |
| 12) 1,3-Dichlorobenzene       | 8.067  | 146  | 11186    | 5.459  | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 8.214  | 146  | 11289    | 5.407  | ng    | 95       |
| 14) 1,2-Dichlorobenzene       | 8.537  | 146  | 11372    | 5.627  | ng    | 92       |
| 15) Benzyl Alcohol            | 8.419  | 79   | 9557     | 5.241  | ng    | # 87     |
| 16) 2,2'-oxybis(1-Chloropr... | 8.701  | 45   | 13731    | 5.683  | ng    | 99       |
| 17) 2-Methylphenol            | 8.625  | 107  | 8294     | 5.375  | ng    | 95       |
| 18) Hexachloroethane          | 9.277  | 117  | 3527     | 4.992  | ng    | 86       |
| 19) n-Nitroso-di-n-propyla... | 8.983  | 70   | 8787     | 5.506  | ng    | 94       |
| 20) 3+4-Methylphenols         | 8.960  | 107  | 10527    | 4.933  | ng    | 93       |
| 22) Acetophenone              | 9.007  | 105  | 15884    | 5.374  | ng    | # 97     |
| 24) Nitrobenzene              | 9.395  | 77   | 11891    | 5.037  | ng    | 97       |
| 25) Isophorone                | 9.917  | 82   | 20736    | 4.940  | ng    | # 96     |
| 26) 2-Nitrophenol             | 10.123 | 139  | 5394     | 5.033  | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 10.170 | 122  | 7476     | 4.844  | ng    | 95       |
| 28) bis(2-Chloroethoxy)met... | 10.399 | 93   | 13429    | 5.308  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.669 | 162  | 8481     | 4.619  | ng    | 94       |
| 30) 1,2,4-Trichlorobenzene    | 10.881 | 180  | 12338    | 5.431  | ng    | 91       |
| 31) Naphthalene               | 11.063 | 128  | 31964    | 5.308  | ng    | 98       |
| 32) Benzoic acid              | 10.170 | 122  | 7476     | 8.339  | ng    | # 14     |
| 33) 4-Chloroaniline           | 11.175 | 127  | 12218    | 5.015  | ng    | 94       |
| 34) Hexachlorobutadiene       | 11.357 | 225  | 7853     | 5.290  | ng    | 97       |
| 35) Caprolactam               | 11.909 | 113  | 2868     | 4.653  | ng    | # 90     |
| 36) 4-Chloro-3-methylphenol   | 12.291 | 107  | 9772     | 4.859  | ng    | 91       |
| 37) 2-Methylnaphthalene       | 12.667 | 142  | 22284    | 5.122  | ng    | 95       |
| 38) 1-Methylnaphthalene       | 12.884 | 142  | 22495    | 5.265  | ng    | 90       |
| 40) 1,2,4,5-Tetrachloroben... | 13.031 | 216  | 14653    | 5.322  | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 13.284 | 196  | 7735     | 4.559  | ng    | 97       |
| 44) 2,4,5-Trichlorophenol     | 13.360 | 196  | 8767m    | 4.771  | ng    |          |
| 46) 1,1'-Biphenyl             | 13.659 | 154  | 32050    | 5.206  | ng    | 99       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG030922\  
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 Acq On : 9 Mar 2022 17:45  
 Operator : CG/JU  
 Sample : SSTDICC005  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC005

Manual Integrations  
 APPROVED

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

Quant Time: Mar 10 06:32:46 2022  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 10 03:46:05 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 47) 2-Chloronaphthalene       | 13.706 | 162  | 25257    | 5.275 | ng    | # 92     |
| 48) 2-Nitroaniline            | 13.906 | 65   | 7369     | 4.780 | ng    | 89       |
| 49) Acenaphthylene            | 14.552 | 152  | 39558    | 5.217 | ng    | 97       |
| 50) Dimethylphthalate         | 14.265 | 163  | 32916    | 5.264 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.388 | 165  | 7289     | 5.334 | ng    | 92       |
| 52) Acenaphthene              | 14.893 | 154  | 24360    | 5.298 | ng    | 97       |
| 53) 3-Nitroaniline            | 14.723 | 138  | 6519     | 4.636 | ng    | 97       |
| 55) Dibenzofuran              | 15.222 | 168  | 41971    | 5.383 | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 15.181 | 165  | 9384     | 4.879 | ng    | 93       |
| 58) Fluorene                  | 15.874 | 166  | 33809    | 5.339 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.469 | 232  | 7735m    | 4.584 | ng    |          |
| 60) Diethylphthalate          | 15.622 | 149  | 32256    | 5.140 | ng    | 95       |
| 61) 4-Chlorophenyl-phenyle... | 15.856 | 204  | 19183    | 5.430 | ng    | 93       |
| 62) 4-Nitroaniline            | 15.886 | 138  | 6800     | 4.576 | ng    | 94       |
| 63) Azobenzene                | 16.150 | 77   | 34101    | 5.503 | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 16.068 | 169  | 28054    | 5.050 | ng    | 96       |
| 67) 4-Bromophenyl-phenylether | 16.755 | 248  | 12938    | 5.288 | ng    | 95       |
| 68) Hexachlorobenzene         | 16.884 | 284  | 13857    | 5.299 | ng    | 94       |
| 69) Atrazine                  | 17.014 | 200  | 10728    | 5.253 | ng    | 94       |
| 71) Phenanthrene              | 17.619 | 178  | 55312    | 5.333 | ng    | 98       |
| 72) Anthracene                | 17.713 | 178  | 53222    | 5.242 | ng    | 99       |
| 73) Carbazole                 | 17.977 | 167  | 51741    | 5.207 | ng    | 98       |
| 74) Di-n-butylphthalate       | 18.518 | 149  | 53663    | 4.948 | ng    | # 97     |
| 75) Fluoranthene              | 19.628 | 202  | 69211    | 5.344 | ng    | 98       |
| 77) Benzidine                 | 19.798 | 184  | 23667    | 5.715 | ng    | 97       |
| 78) Pyrene                    | 19.986 | 202  | 70487    | 5.283 | ng    | 96       |
| 80) Butylbenzylphthalate      | 20.856 | 149  | 22599    | 4.657 | ng    | 95       |
| 81) Benzo(a)anthracene        | 21.866 | 228  | 71333    | 5.334 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.766 | 252  | 23176    | 4.989 | ng    | 96       |
| 83) Chrysene                  | 21.931 | 228  | 66742    | 5.337 | ng    | 97       |
| 84) Bis(2-ethylhexyl)phtha... | 21.743 | 149  | 32916    | 4.853 | ng    | 97       |
| 85) Di-n-octyl phthalate      | 23.017 | 149  | 53090    | 4.721 | ng    | 97       |
| 87) Indeno(1,2,3-cd)pyrene    | 29.250 | 276  | 75027    | 5.137 | ng    | # 92     |
| 88) Benzo(b)fluoranthene      | 24.216 | 252  | 64395m   | 5.118 | ng    |          |
| 89) Benzo(k)fluoranthene      | 24.280 | 252  | 66029    | 5.218 | ng    | 99       |
| 90) Benzo(a)pyrene            | 25.144 | 252  | 53018    | 4.980 | ng    | # 96     |
| 91) Dibenzo(a,h)anthracene    | 29.315 | 278  | 62724    | 5.176 | ng    | 96       |
| 92) Benzo(g,h,i)perylene      | 30.478 | 276  | 60039    | 5.076 | ng    | 97       |

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

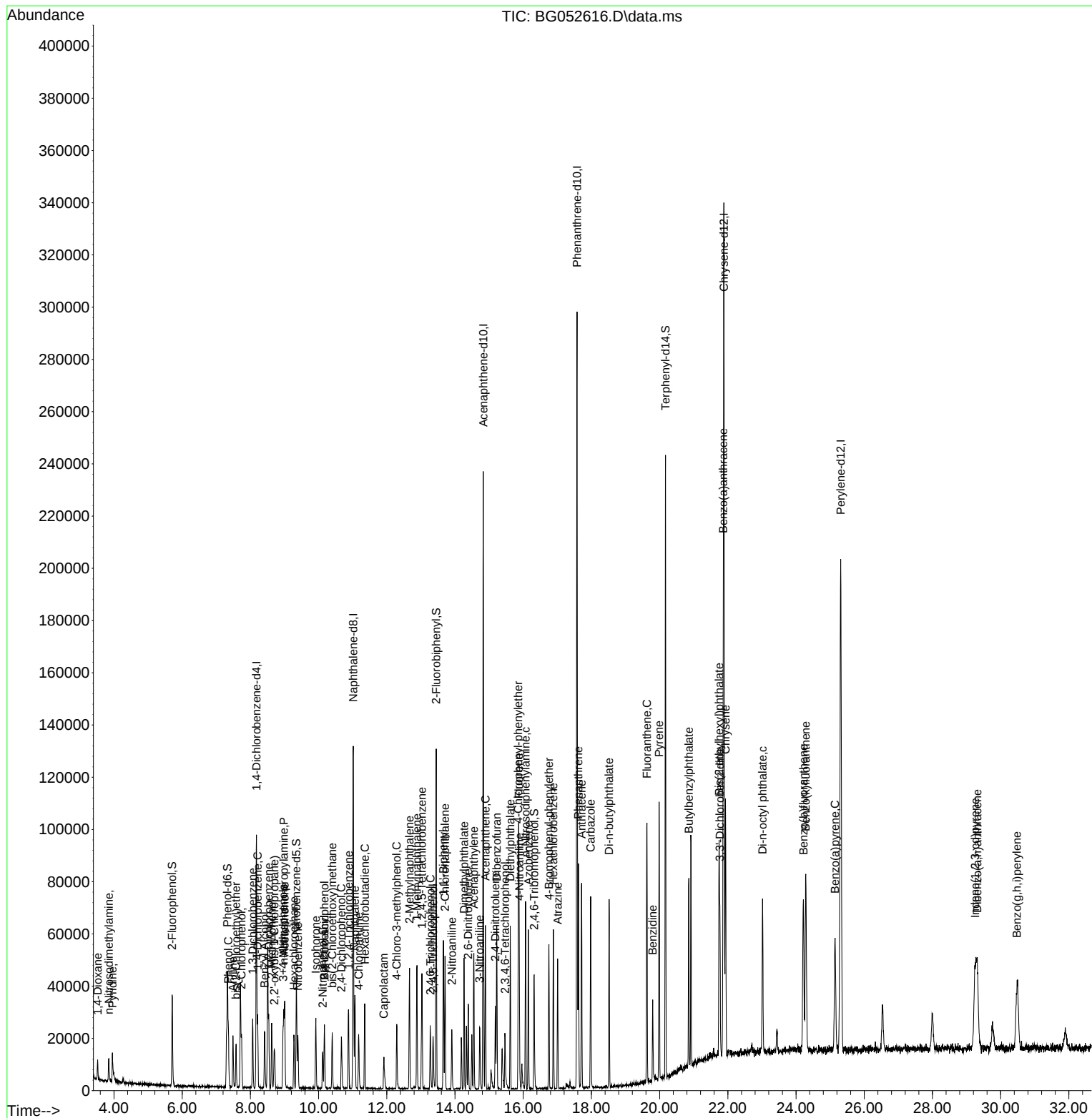
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG030922\  
 Data File : BG052616.D  
 Acq On : 9 Mar 2022 17:45  
 Operator : CG/JU  
 Sample : SSTDICC005  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

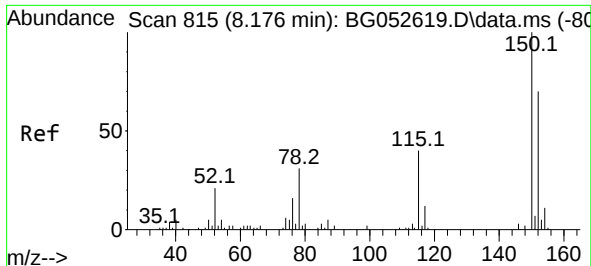
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC005

### Manual Integrations APPROVED

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 Supervised By : Jagrut Upadhyay 03/10/2022

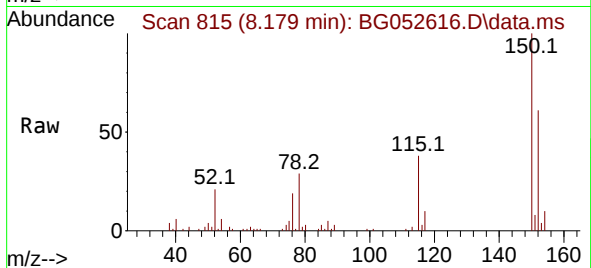
Quant Time: Mar 10 06:32:46 2022  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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 Response via : Initial Calibration





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.179 min Scan# 815  
Delta R.T. 0.003 min  
Lab File: BG052616.D  
Acq: 9 Mar 2022 17:45

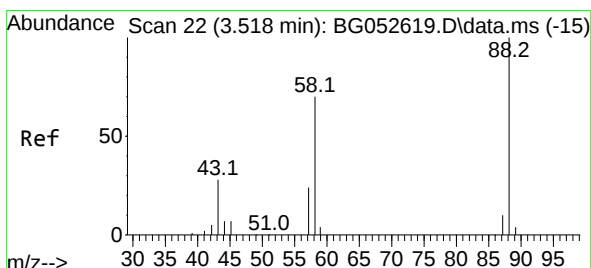
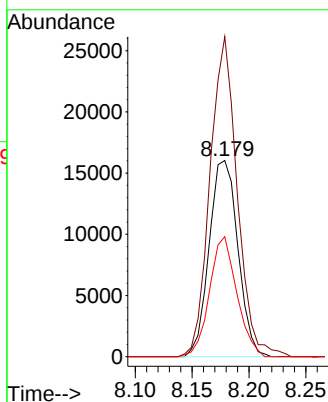
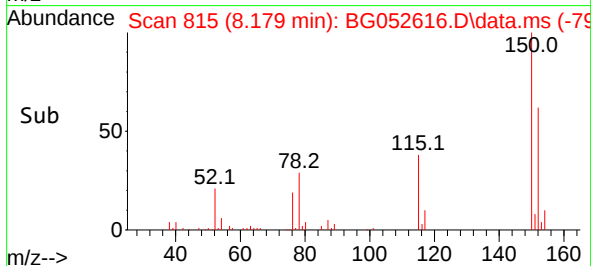
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



Tgt Ion:152 Resp: 28149  
Ion Ratio Lower Upper  
152 100  
150 163.1 114.6 172.0  
115 61.2 45.9 68.9

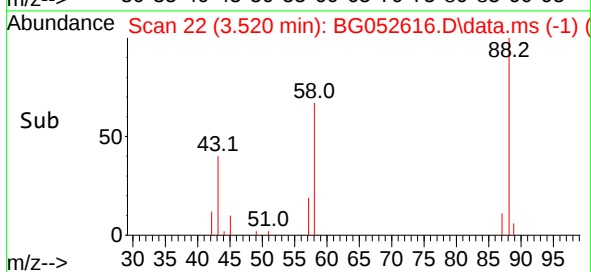
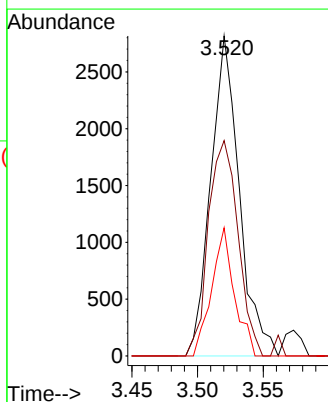
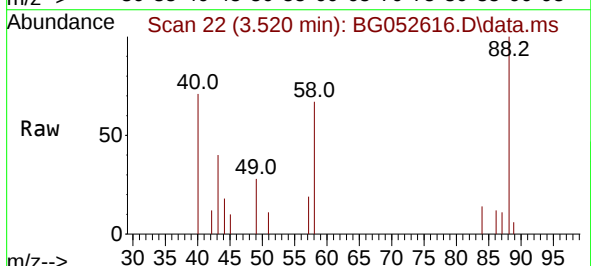
Manual Integrations  
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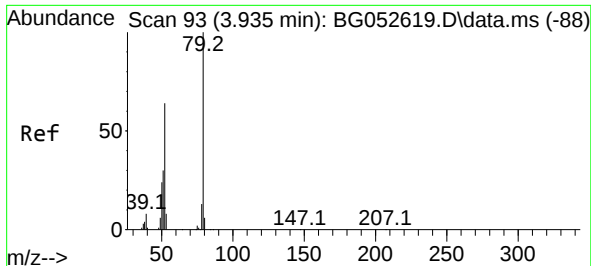
Reviewed By :Christian Giraldo 03/10/2022  
Supervised By :Jagrut Upadhyay 03/10/2022



#2  
1,4-Dioxane  
Concen: 5.678 ng  
RT: 3.520 min Scan# 22  
Delta R.T. 0.003 min  
Lab File: BG052616.D  
Acq: 9 Mar 2022 17:45

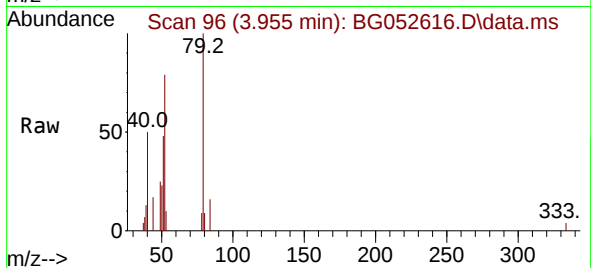
Tgt Ion: 88 Resp: 4256  
Ion Ratio Lower Upper  
88 100  
58 70.1 58.2 87.2  
43 31.9 23.4 35.0





#3  
 Pyridine  
 Concen: 4.713 ng m  
 RT: 3.955 min Scan# 90  
 Delta R.T. 0.020 min  
 Lab File: BG052616.D  
 Acq: 9 Mar 2022 17:45

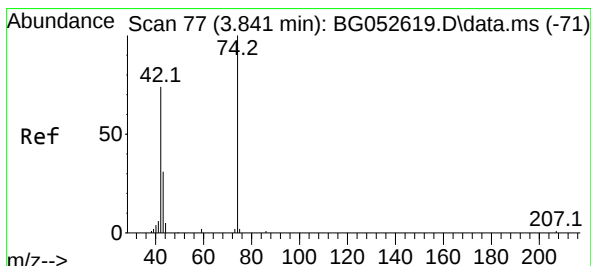
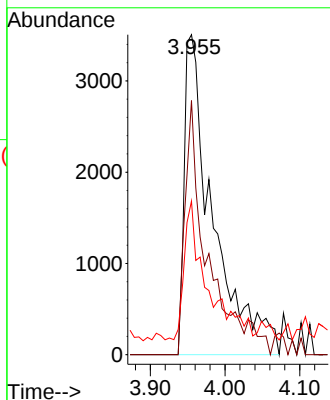
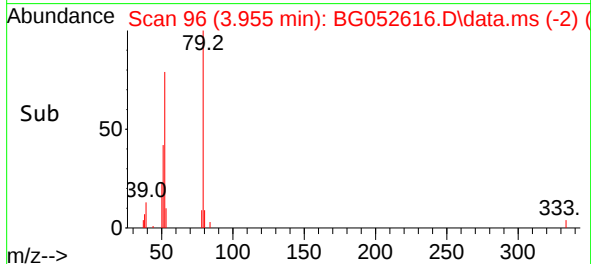
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC005



Tgt Ion: 79 Resp: 934  
 Ion Ratio Lower Upper  
 79 100  
 52 79.4 50.9 76.3  
 51 48.0 24.4 36.6

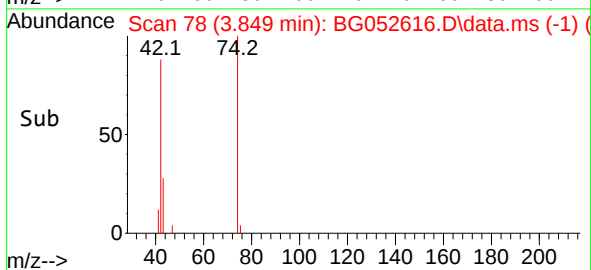
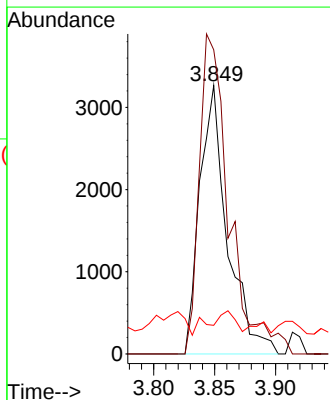
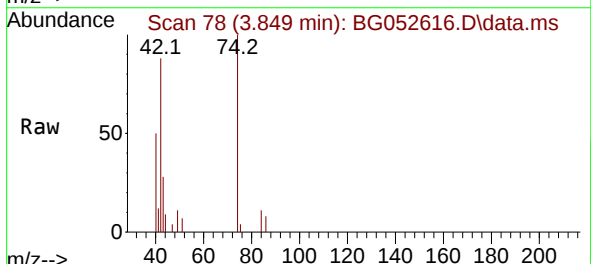
Manual Integrations  
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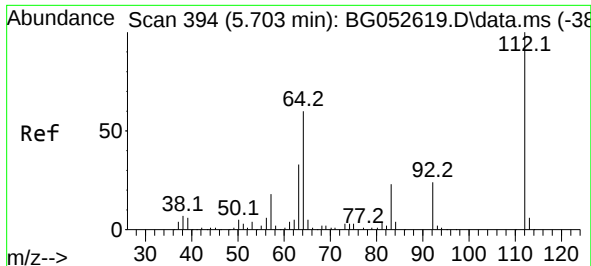
Reviewed By :Christian Giraldo 03/10/2022  
 Supervised By :Jagrut Upadhyay 03/10/2022



#4  
 n-Nitrosodimethylamine  
 Concen: 5.459 ng  
 RT: 3.849 min Scan# 78  
 Delta R.T. 0.008 min  
 Lab File: BG052616.D  
 Acq: 9 Mar 2022 17:45

Tgt Ion: 42 Resp: 5158  
 Ion Ratio Lower Upper  
 42 100  
 74 113.2 108.9 163.3  
 44 10.6 5.7 8.5





#5  
2-Fluorophenol  
Concen: 10.329 ng  
RT: 5.706 min Scan# 394  
Delta R.T. 0.003 min  
Lab File: BG052616.D  
Acq: 9 Mar 2022 17:45

Instrument :

BNA\_G

ClientSampleId :

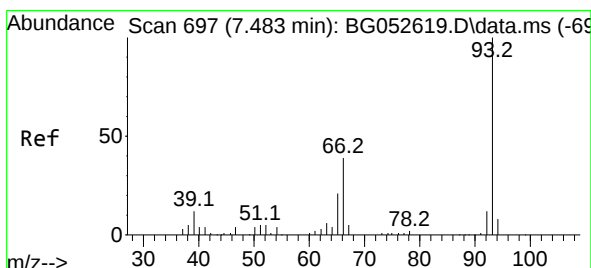
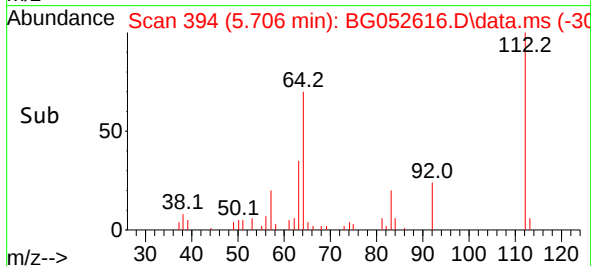
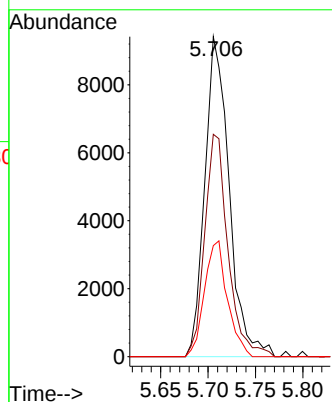
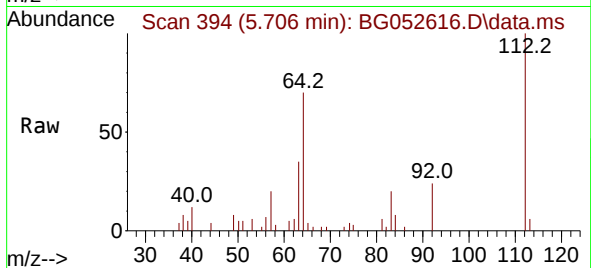
SSTDICC005

Tgt Ion:112 Resp: 16830  
Ion Ratio Lower Upper  
112 100  
64 69.5 48.0 72.0  
63 34.7 26.5 39.7

Manual Integrations

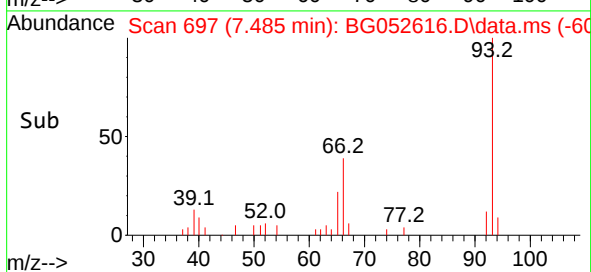
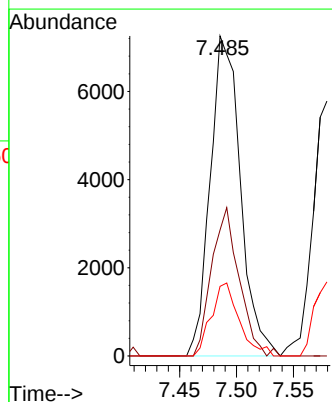
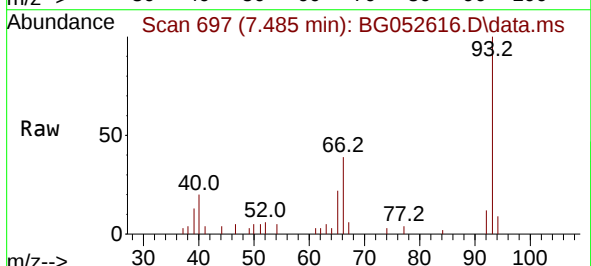
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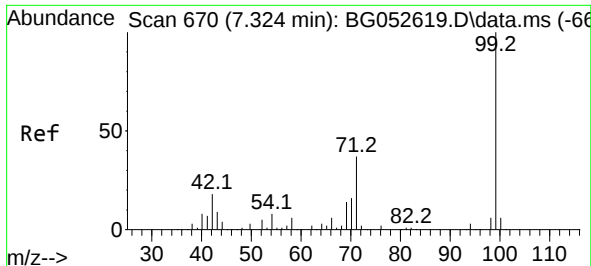
Reviewed By :Christian Giraldo 03/10/2022  
Supervised By :Jagrut Upadhyay 03/10/2022



#6  
Aniline  
Concen: 5.036 ng  
RT: 7.485 min Scan# 697  
Delta R.T. 0.003 min  
Lab File: BG052616.D  
Acq: 9 Mar 2022 17:45

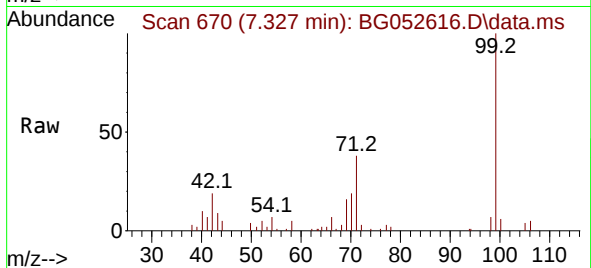
Tgt Ion: 93 Resp: 13401  
Ion Ratio Lower Upper  
93 100  
66 39.3 31.3 46.9  
65 21.8 16.7 25.1





#7  
Phenol-d6  
Concen: 10.406 ng  
RT: 7.327 min Scan# 61  
Delta R.T. 0.003 min  
Lab File: BG052616.D  
Acq: 9 Mar 2022 17:45

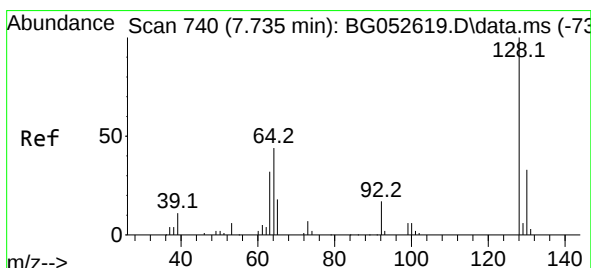
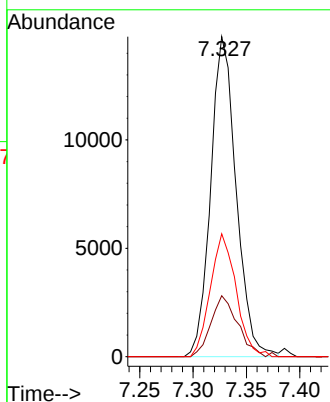
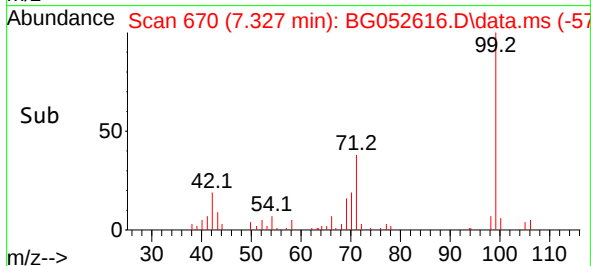
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



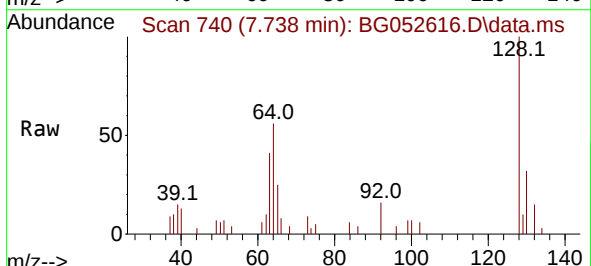
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Ion Ratio Lower Upper  
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71 38.4 29.2 43.8

Manual Integrations  
APPROVED

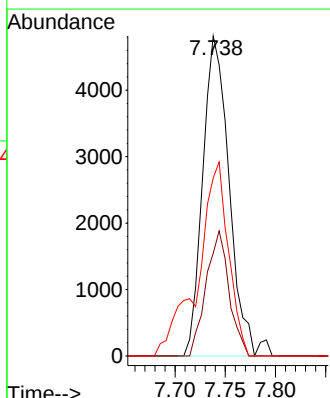
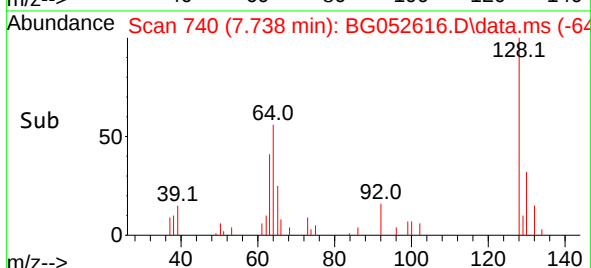
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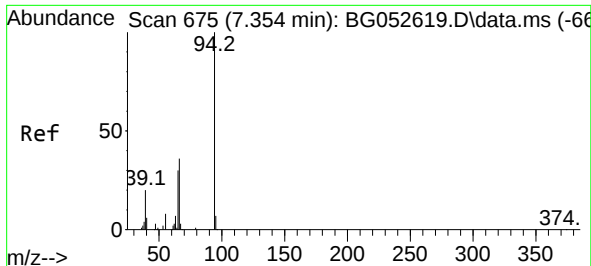


#8  
2-Chlorophenol  
Concen: 5.159 ng  
RT: 7.738 min Scan# 740  
Delta R.T. 0.003 min  
Lab File: BG052616.D  
Acq: 9 Mar 2022 17:45



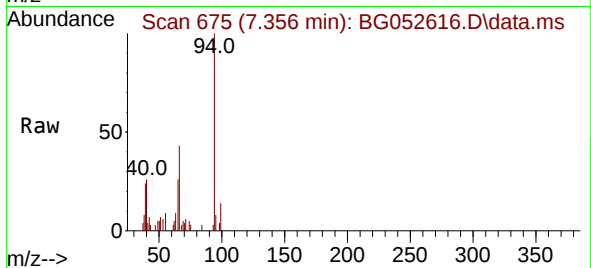
Tgt Ion:128 Resp: 8869  
Ion Ratio Lower Upper  
128 100  
130 32.1 13.4 53.4  
64 55.6 30.9 70.9





#10  
Phenol  
Concen: 5.298 ng  
RT: 7.356 min Scan# 61  
Delta R.T. 0.003 min  
Lab File: BG052616.D  
Acq: 9 Mar 2022 17:45

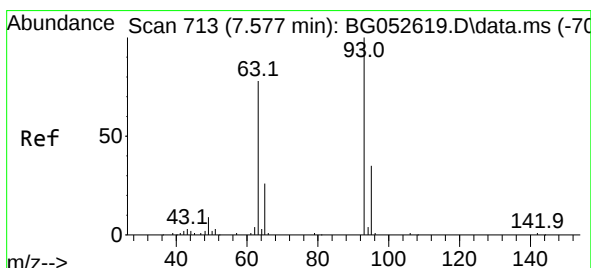
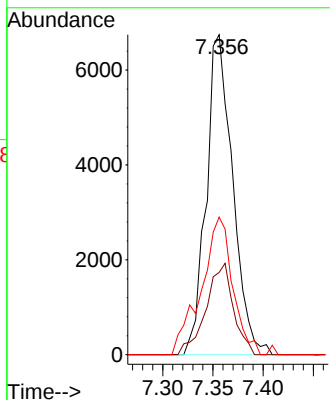
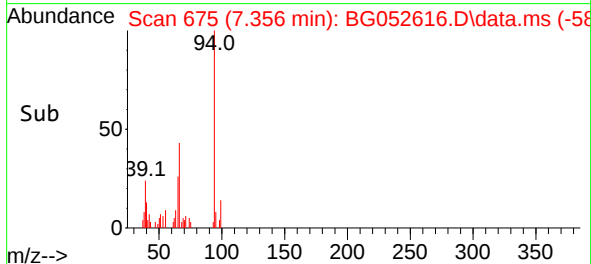
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



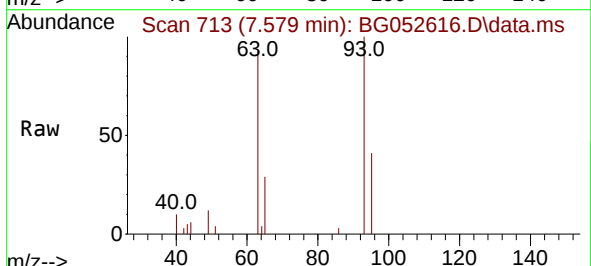
Tgt Ion: 94 Resp: 12358  
Ion Ratio Lower Upper  
94 100  
65 25.7 11.1 51.1  
66 43.0 20.0 60.0

Manual Integrations  
APPROVED

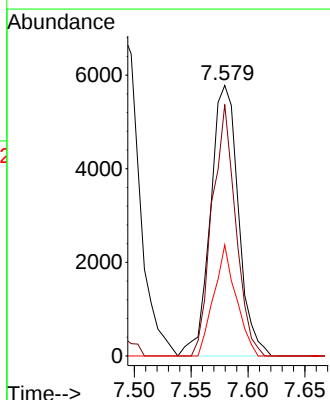
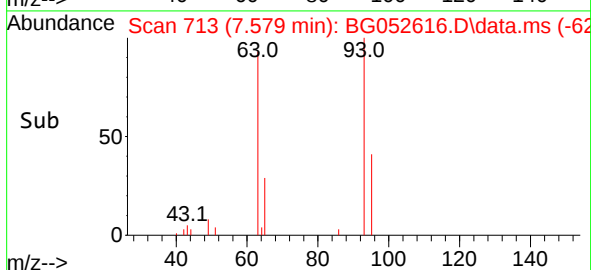
Reviewed By :Christian Giraldo 03/10/2022  
Supervised By :Jagrut Upadhyay 03/10/2022

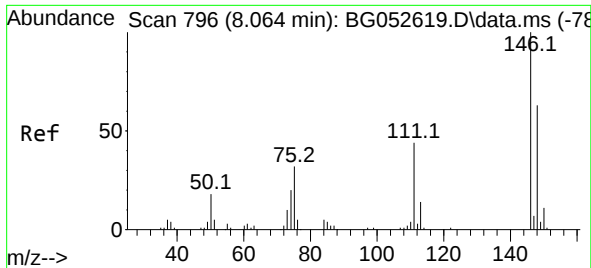


#11  
bis(2-Chloroethyl)ether  
Concen: 5.515 ng  
RT: 7.579 min Scan# 713  
Delta R.T. 0.003 min  
Lab File: BG052616.D  
Acq: 9 Mar 2022 17:45



Tgt Ion: 93 Resp: 9880  
Ion Ratio Lower Upper  
93 100  
63 93.0 56.9 96.9  
95 41.0 14.5 54.5





#12

1,3-Dichlorobenzene

Concen: 5.459 ng

RT: 8.067 min Scan# 796

Delta R.T. 0.003 min

Lab File: BG052616.D

Acq: 9 Mar 2022 17:45

Instrument :

BNA\_G

ClientSampleId :

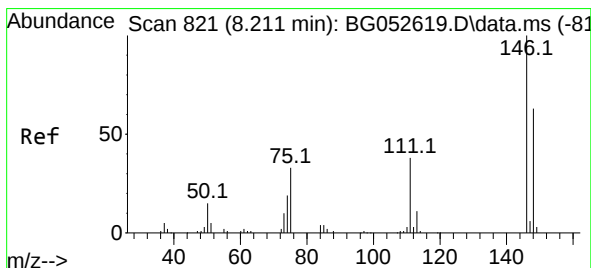
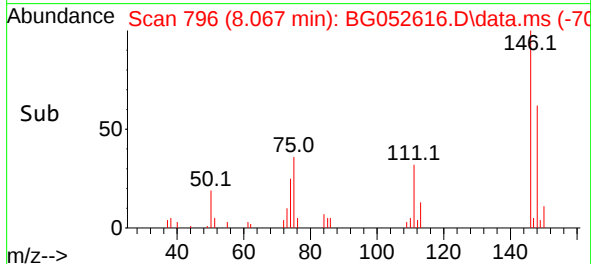
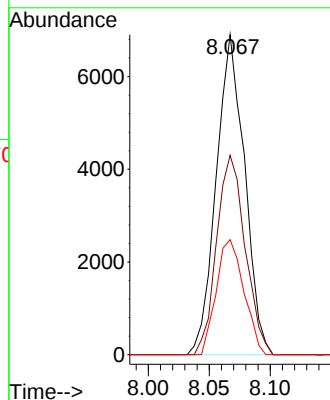
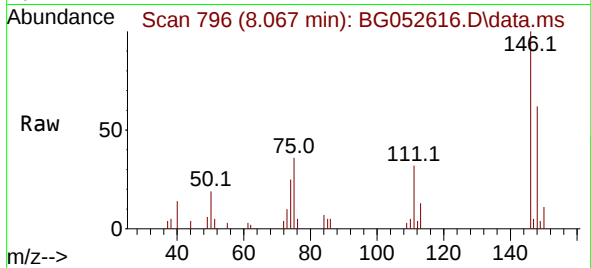
SSTDIC005

Tgt Ion:146 Resp: 11180  
 Ion Ratio Lower Upper  
 146 100  
 148 62.3 50.6 76.0  
 75 35.9 25.9 38.9

Manual Integrations

APPROVED

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



#13

1,4-Dichlorobenzene

Concen: 5.407 ng

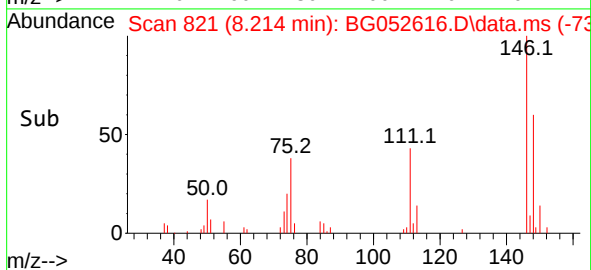
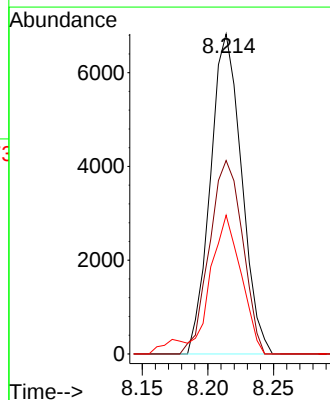
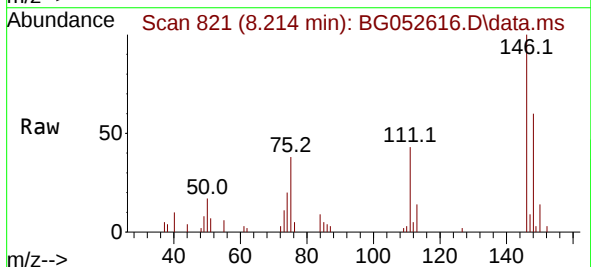
RT: 8.214 min Scan# 821

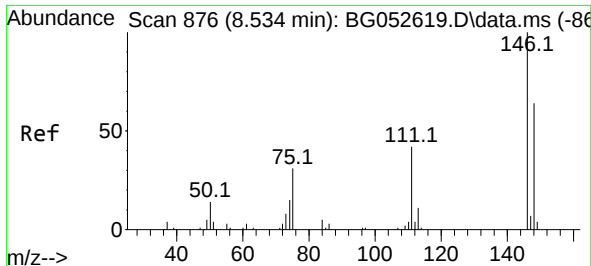
Delta R.T. 0.003 min

Lab File: BG052616.D

Acq: 9 Mar 2022 17:45

Tgt Ion:146 Resp: 11289  
 Ion Ratio Lower Upper  
 146 100  
 148 60.5 50.0 75.0  
 111 43.4 31.0 46.4





#14

1,2-Dichlorobenzene

Concen: 5.627 ng

RT: 8.537 min Scan# 81

Delta R.T. 0.003 min

Lab File: BG052616.D

Acq: 9 Mar 2022 17:45

Instrument :

BNA\_G

ClientSampleId :

SSTDICC005

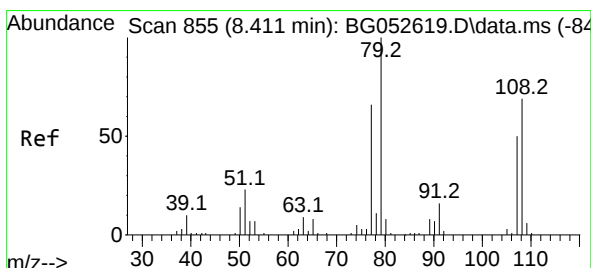
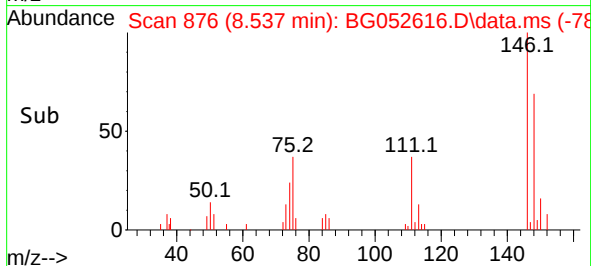
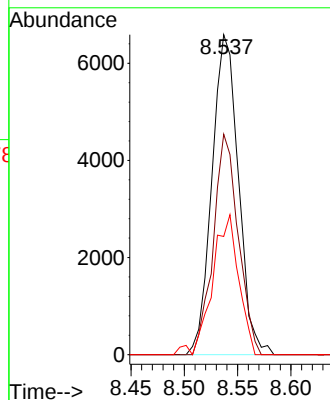
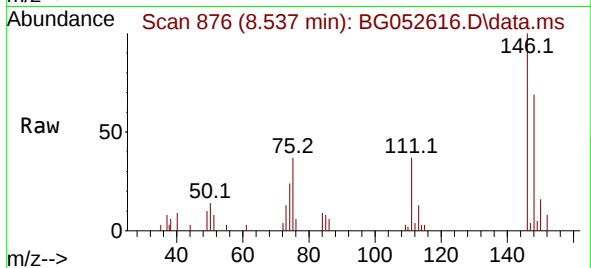
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 146   | Resp: | 1137 |
| Ion Ratio | Lower | Upper |      |
| 146       | 100   |       |      |
| 148       | 68.9  | 51.0  | 76.6 |
| 111       | 36.9  | 34.7  | 52.1 |

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/10/2022

Supervised By :Jagrut Upadhyay 03/10/2022



#15

Benzyl Alcohol

Concen: 5.241 ng

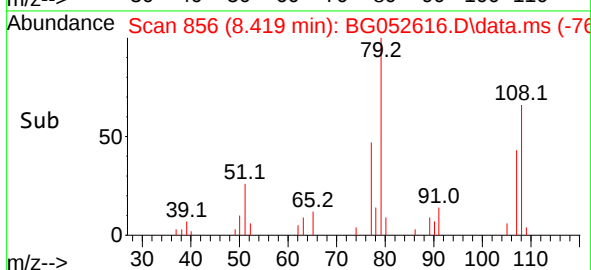
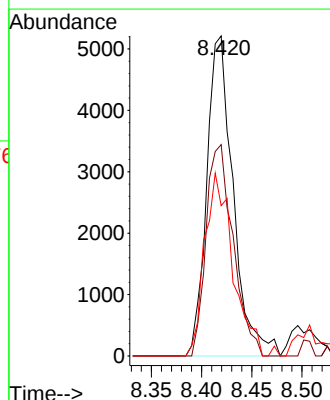
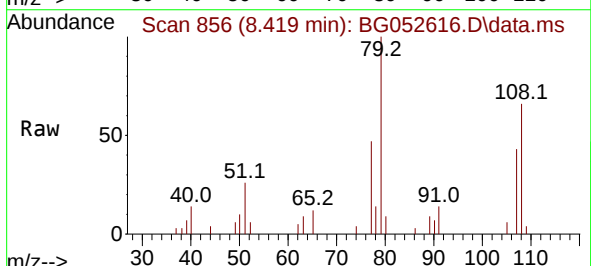
RT: 8.419 min Scan# 856

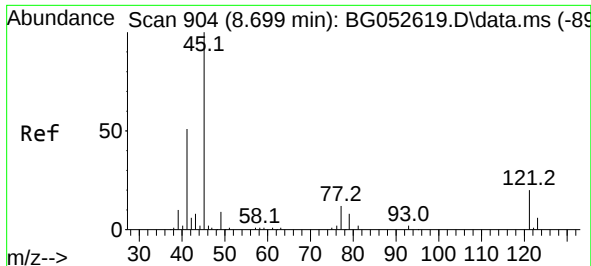
Delta R.T. 0.008 min

Lab File: BG052616.D

Acq: 9 Mar 2022 17:45

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 79    | Resp: | 9557 |
| Ion Ratio | Lower | Upper |      |
| 79        | 100   |       |      |
| 108       | 66.0  | 55.1  | 82.7 |
| 77        | 46.9  | 52.4  | 78.6 |





#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 5.683 ng  
RT: 8.701 min Scan# 904  
Delta R.T. 0.003 min  
Lab File: BG052616.D  
Acq: 9 Mar 2022 17:45

Instrument :

BNA\_G

ClientSampleId :

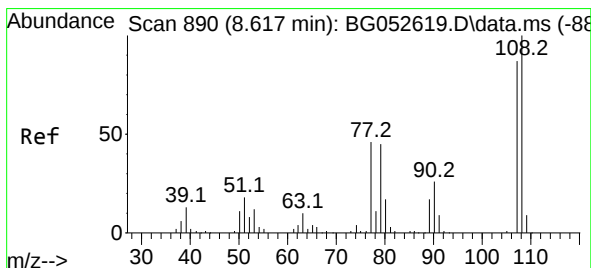
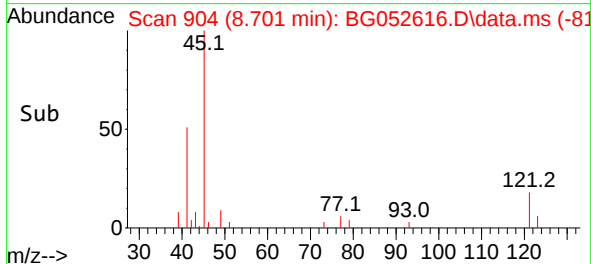
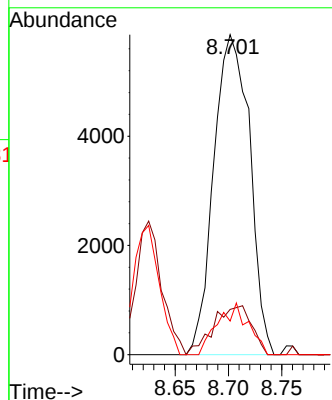
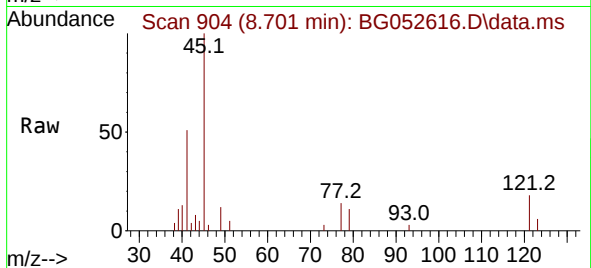
SSTDICC005

Tgt Ion: 45 Resp: 1373  
Ion Ratio Lower Upper  
45 100  
77 14.1 0.0 34.9  
79 10.5 0.0 30.7

Manual Integrations

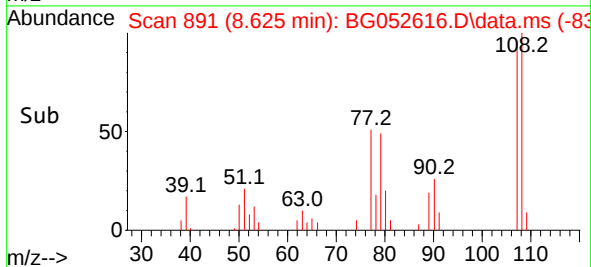
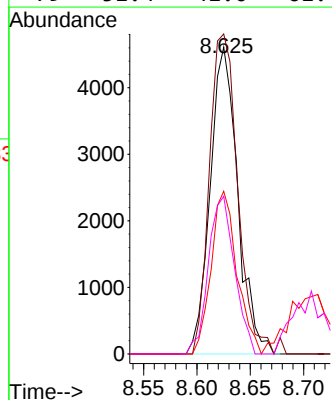
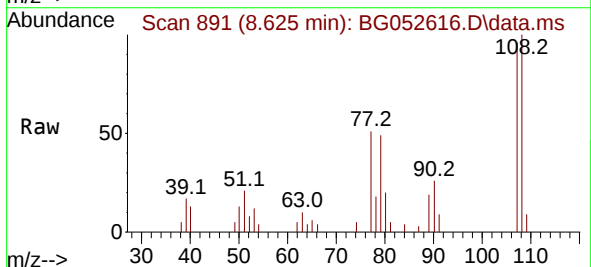
APPROVED

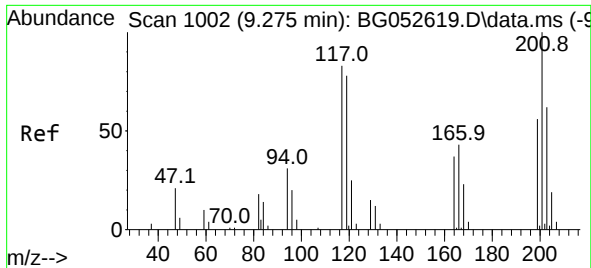
Reviewed By :Christian Giraldo 03/10/2022  
Supervised By :Jagrut Upadhyay 03/10/2022



#17  
2-Methylphenol  
Concen: 5.375 ng  
RT: 8.625 min Scan# 891  
Delta R.T. 0.008 min  
Lab File: BG052616.D  
Acq: 9 Mar 2022 17:45

Tgt Ion:107 Resp: 8294  
Ion Ratio Lower Upper  
107 100  
108 104.3 91.5 137.3  
77 53.0 42.5 63.7  
79 51.4 41.0 61.4





#18  
Hexachloroethane  
Concen: 4.992 ng  
RT: 9.277 min Scan# 1002  
Delta R.T. 0.003 min  
Lab File: BG052616.D  
Acq: 9 Mar 2022 17:45

Instrument :

BNA\_G

ClientSampleId :

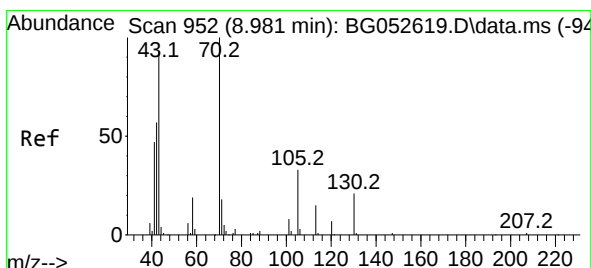
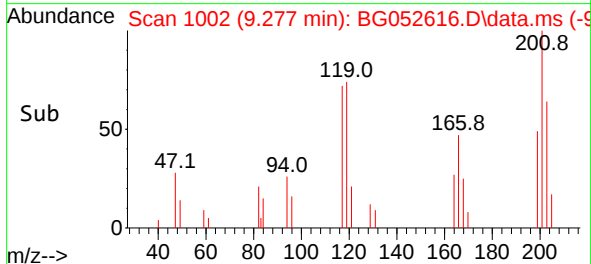
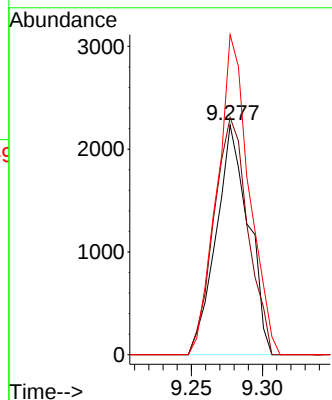
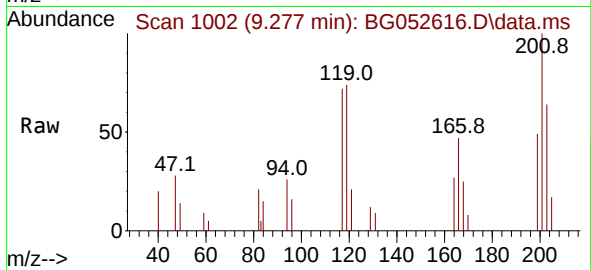
SSTDICC005

Tgt Ion:117 Resp: 352  
Ion Ratio Lower Upper  
117 100  
119 103.3 75.1 112.7  
201 139.4 96.6 145.0

Manual Integrations

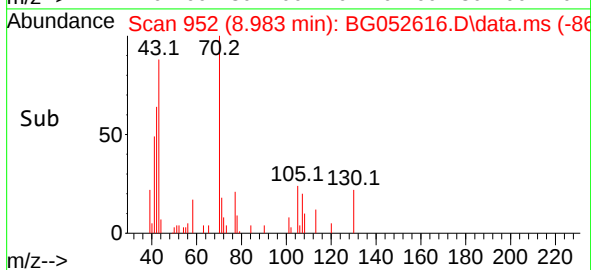
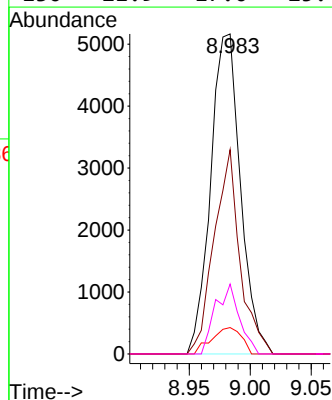
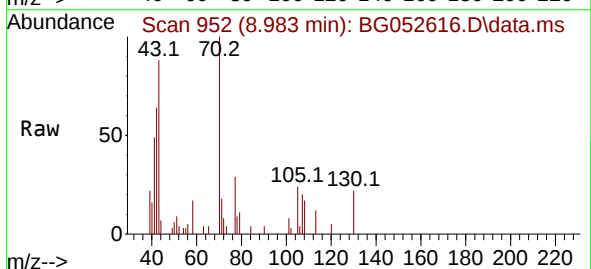
APPROVED

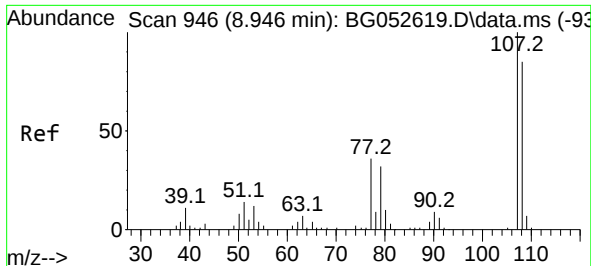
Reviewed By :Christian Giraldo 03/10/2022  
Supervised By :Jagrut Upadhyay 03/10/2022



#19  
n-Nitroso-di-n-propylamine  
Concen: 5.506 ng  
RT: 8.983 min Scan# 952  
Delta R.T. 0.003 min  
Lab File: BG052616.D  
Acq: 9 Mar 2022 17:45

Tgt Ion: 70 Resp: 8787  
Ion Ratio Lower Upper  
70 100  
42 63.9 46.0 69.0  
101 8.3 6.2 9.4  
130 21.9 17.0 25.4





#20

3+4-Methylphenols

Concen: 4.933 ng

RT: 8.960 min Scan# 946

Delta R.T. 0.014 min

Lab File: BG052616.D

Acq: 9 Mar 2022 17:45

Instrument :

BNA\_G

ClientSampleId :

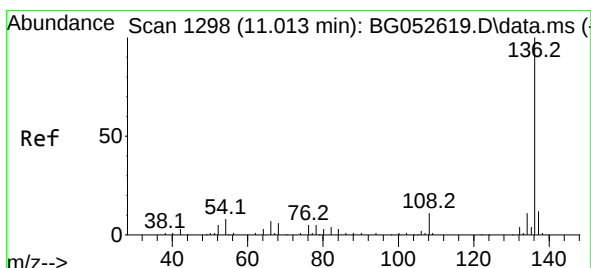
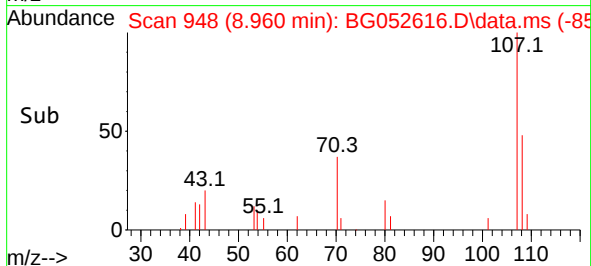
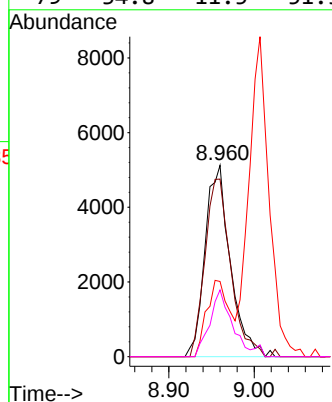
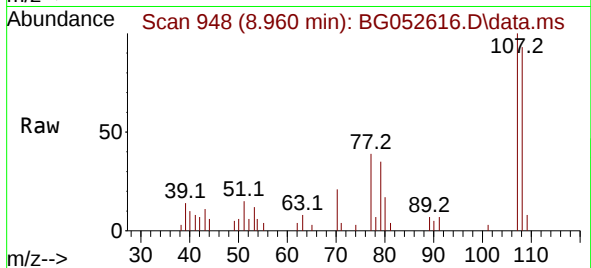
SSTDICC005

|             |             |
|-------------|-------------|
| Tgt Ion:107 | Resp: 1052  |
| Ion Ratio   | Lower Upper |
| 107 100     |             |
| 108 92.8    | 64.8 104.8  |
| 77 39.3     | 15.9 55.9   |
| 79 34.8     | 11.5 51.5   |

Manual Integrations

APPROVED

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



#21

Naphthalene-d8

Concen: 20.000 ng

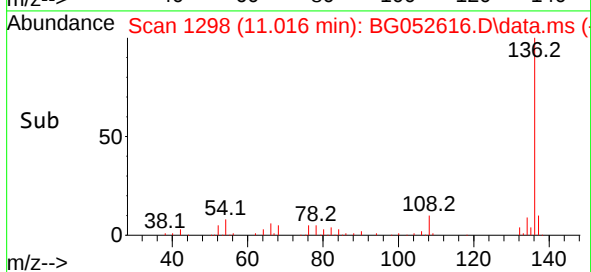
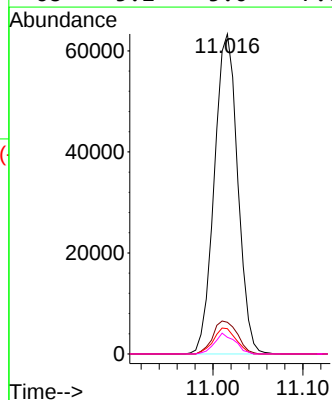
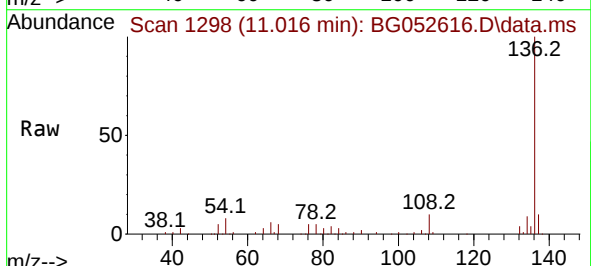
RT: 11.016 min Scan# 1298

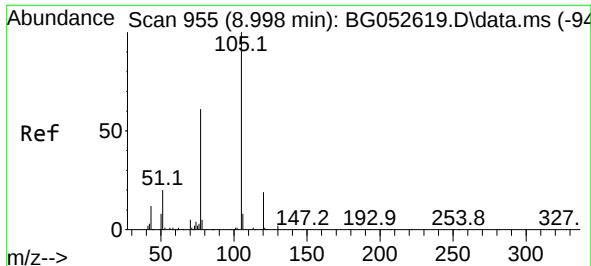
Delta R.T. 0.003 min

Lab File: BG052616.D

Acq: 9 Mar 2022 17:45

|             |              |
|-------------|--------------|
| Tgt Ion:136 | Resp: 114438 |
| Ion Ratio   | Lower Upper  |
| 136 100     |              |
| 137 9.9     | 9.4 14.2     |
| 54 7.9      | 6.4 9.6      |
| 68 5.2      | 5.0 7.6      |





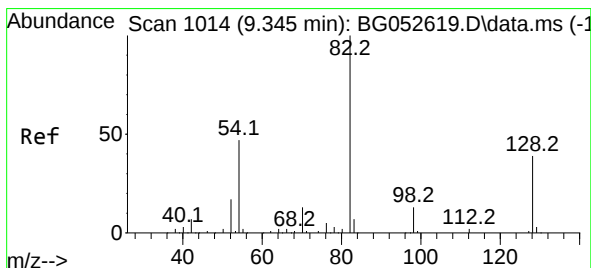
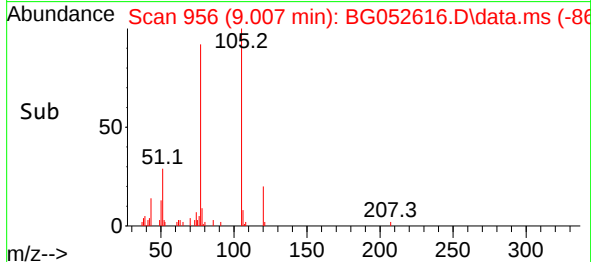
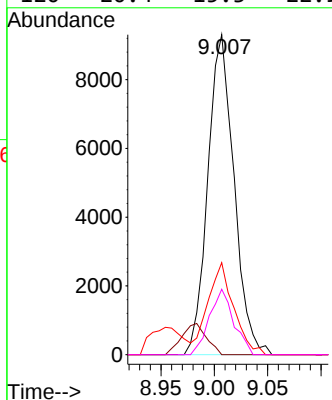
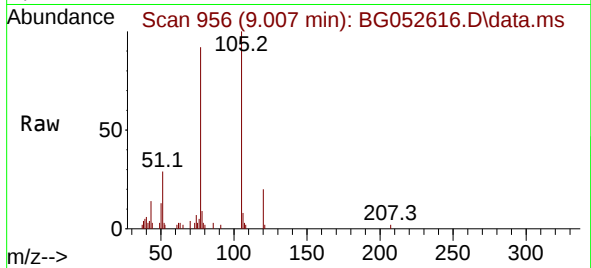
#22  
Acetophenone  
Concen: 5.374 ng  
RT: 9.007 min Scan# 91  
Delta R.T. 0.008 min  
Lab File: BG052616.D  
Acq: 9 Mar 2022 17:45

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005

Tgt Ion: 105 Resp: 15884  
Ion Ratio Lower Upper  
105 100  
71 0.0 2.1 3.1  
51 28.7 21.9 32.9  
120 20.4 15.3 22.9

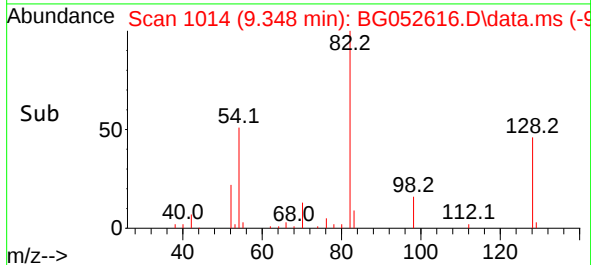
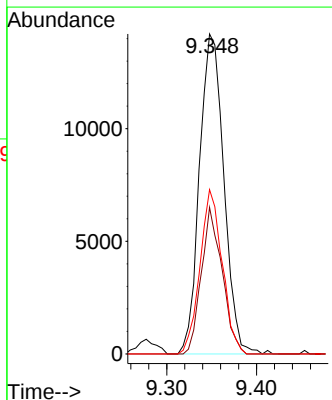
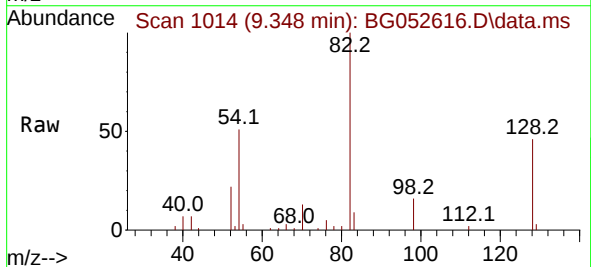
Manual Integrations  
APPROVED

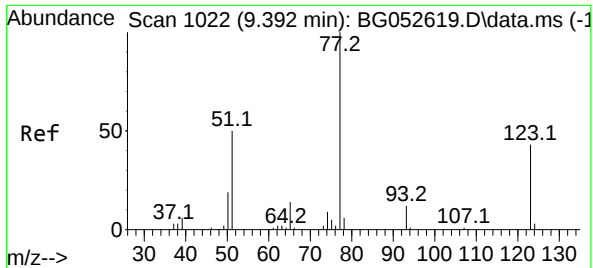
Reviewed By : Christian Giraldo 03/10/2022  
Supervised By : Jagrut Upadhyay 03/10/2022



#23  
Nitrobenzene-d5  
Concen: 10.615 ng  
RT: 9.348 min Scan# 1014  
Delta R.T. 0.003 min  
Lab File: BG052616.D  
Acq: 9 Mar 2022 17:45

Tgt Ion: 82 Resp: 26798  
Ion Ratio Lower Upper  
82 100  
128 45.8 31.3 46.9  
54 51.3 37.8 56.8





#24  
Nitrobenzene  
Concen: 5.037 ng  
RT: 9.395 min Scan# 1022  
Delta R.T. 0.003 min  
Lab File: BG052616.D  
Acq: 9 Mar 2022 17:45

Instrument :

BNA\_G

ClientSampleId :

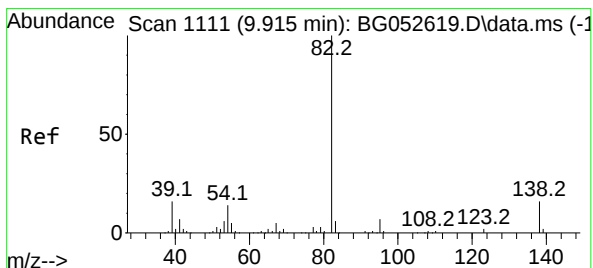
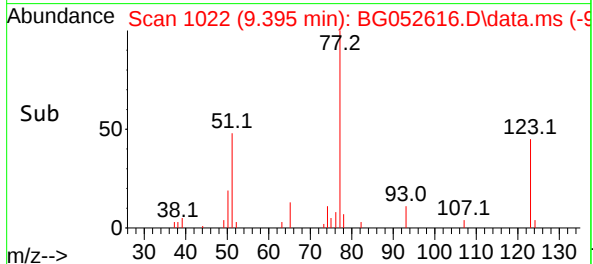
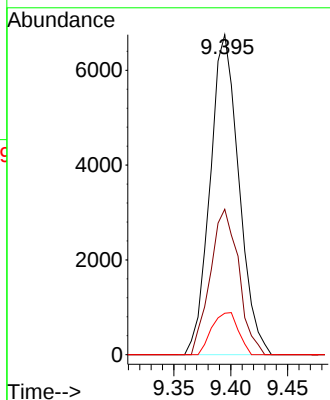
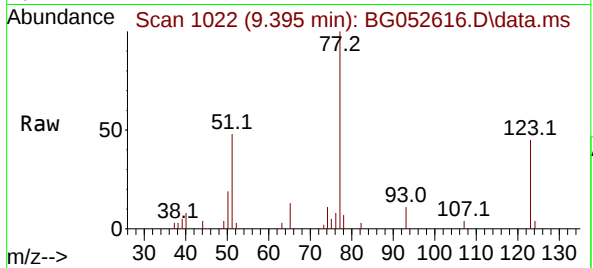
SSTDICC005

Tgt Ion: 77 Resp: 1189  
Ion Ratio Lower Upper  
77 100  
123 45.4 34.4 51.6  
65 13.0 11.2 16.8

Manual Integrations

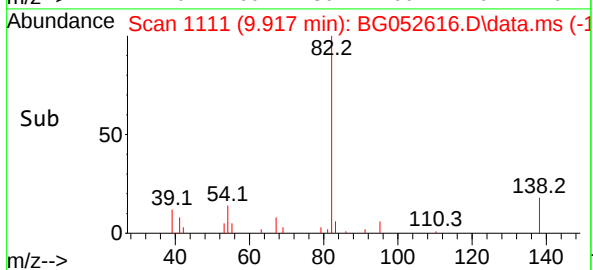
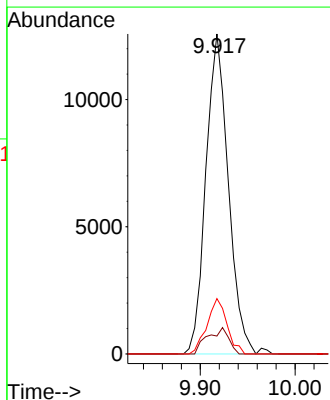
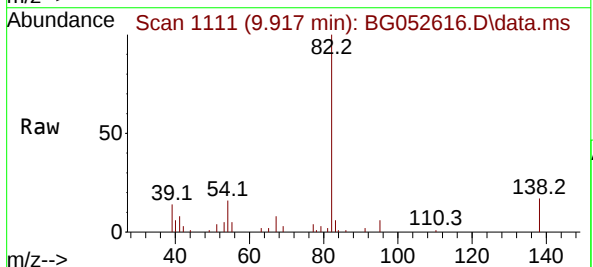
APPROVED

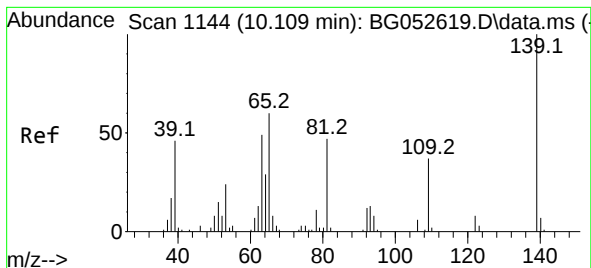
Reviewed By :Christian Giraldo 03/10/2022  
Supervised By :Jagrut Upadhyay 03/10/2022



#25  
Isophorone  
Concen: 4.940 ng  
RT: 9.917 min Scan# 1111  
Delta R.T. 0.003 min  
Lab File: BG052616.D  
Acq: 9 Mar 2022 17:45

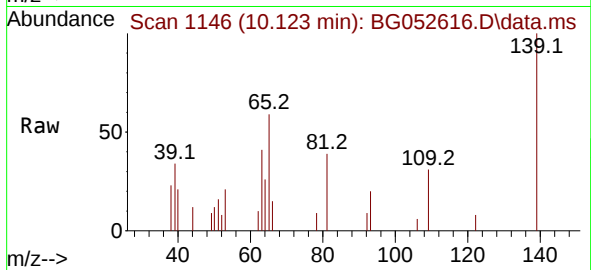
Tgt Ion: 82 Resp: 20736  
Ion Ratio Lower Upper  
82 100  
95 5.6 5.8 8.6#  
138 17.3 12.6 18.8





#26  
2-Nitrophenol  
Concen: 5.033 ng  
RT: 10.123 min Scan# 1146  
Delta R.T. 0.014 min  
Lab File: BG052616.D  
Acq: 9 Mar 2022 17:45

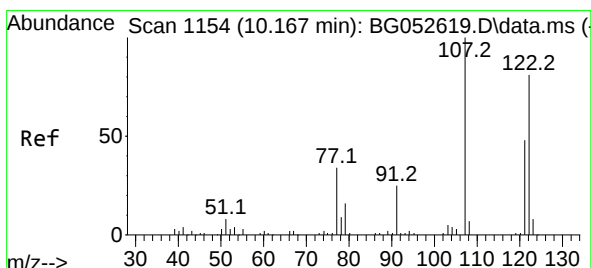
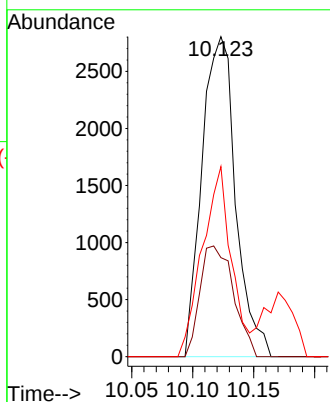
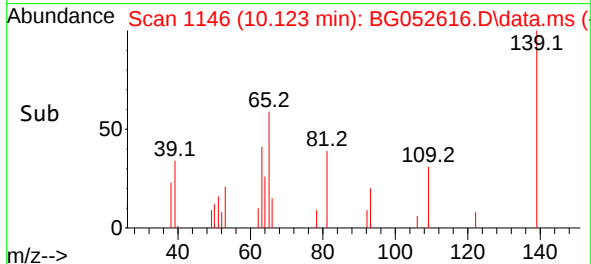
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



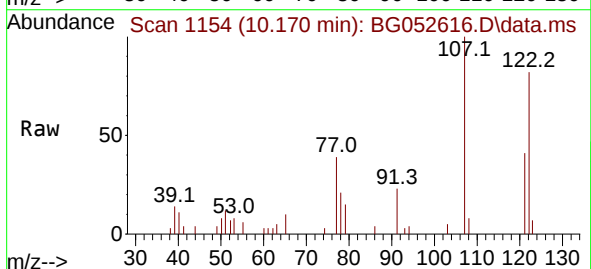
Tgt Ion:139 Resp: 5394  
Ion Ratio Lower Upper  
139 100  
109 31.0 29.4 44.0  
65 59.4 48.2 72.2

Manual Integrations  
APPROVED

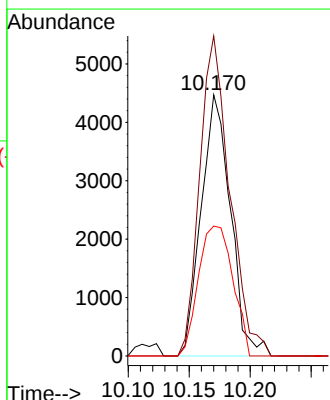
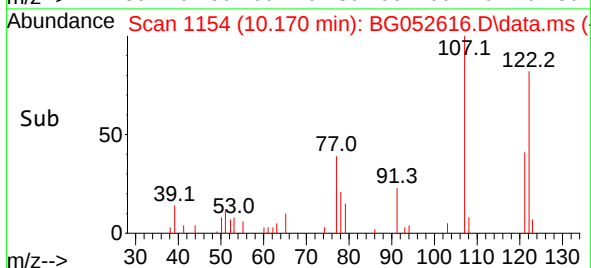
Reviewed By :Christian Giraldo 03/10/2022  
Supervised By :Jagrut Upadhyay 03/10/2022

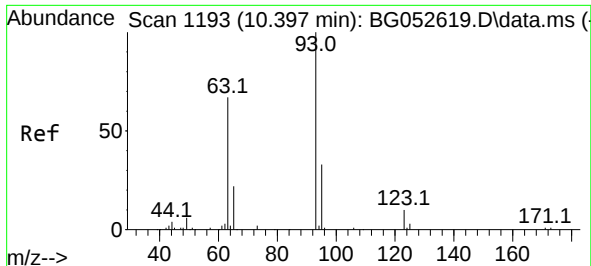


#27  
2,4-Dimethylphenol  
Concen: 4.844 ng  
RT: 10.170 min Scan# 1154  
Delta R.T. 0.003 min  
Lab File: BG052616.D  
Acq: 9 Mar 2022 17:45



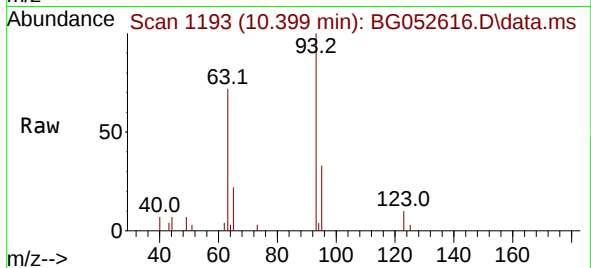
Tgt Ion:122 Resp: 7476  
Ion Ratio Lower Upper  
122 100  
107 122.6 96.7 145.1  
121 49.8 46.3 69.5





#28  
bis(2-Chloroethoxy)methane  
Concen: 5.308 ng  
RT: 10.399 min Scan# 1193  
Delta R.T. 0.003 min  
Lab File: BG052616.D  
Acq: 9 Mar 2022 17:45

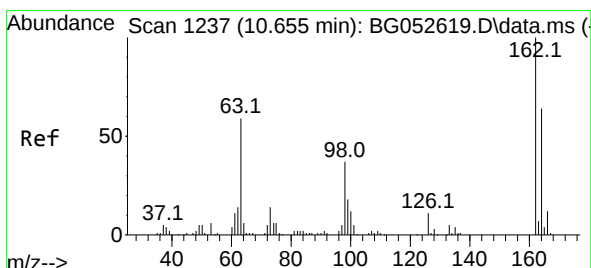
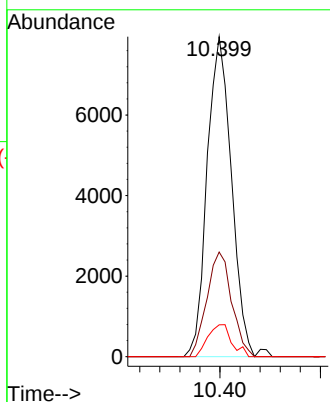
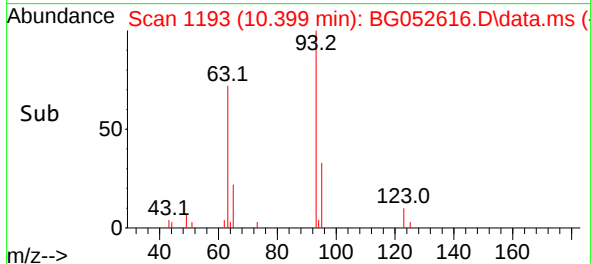
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



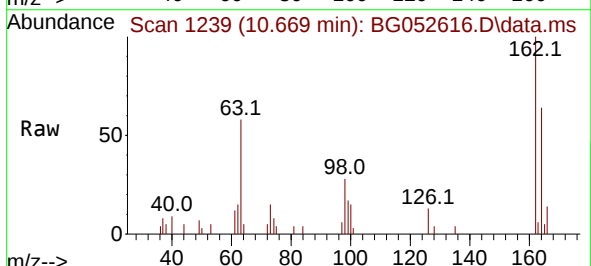
Tgt Ion: 93 Resp: 13429  
Ion Ratio Lower Upper  
93 100  
95 32.7 26.5 39.7  
123 10.0 8.6 12.8

Manual Integrations  
APPROVED

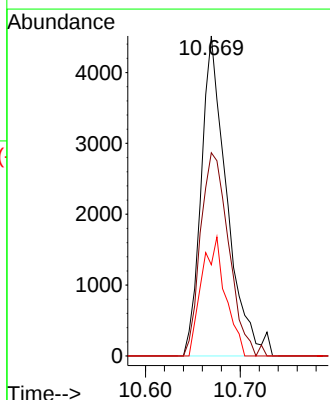
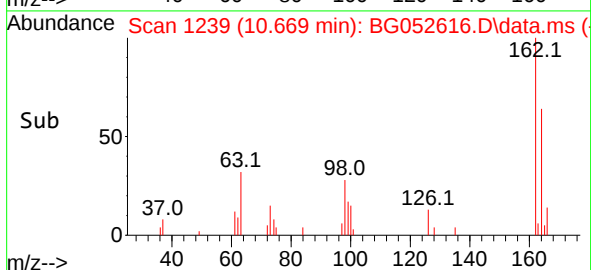
Reviewed By :Christian Giraldo 03/10/2022  
Supervised By :Jagrut Upadhyay 03/10/2022

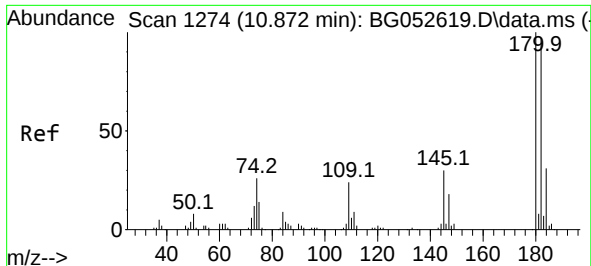


#29  
2,4-Dichlorophenol  
Concen: 4.619 ng  
RT: 10.669 min Scan# 1239  
Delta R.T. 0.014 min  
Lab File: BG052616.D  
Acq: 9 Mar 2022 17:45



Tgt Ion:162 Resp: 8481  
Ion Ratio Lower Upper  
162 100  
164 63.5 44.0 84.0  
98 28.5 17.3 57.3





#30  
1,2,4-Trichlorobenzene  
Concen: 5.431 ng  
RT: 10.881 min Scan# 1275  
Delta R.T. 0.008 min  
Lab File: BG052616.D  
Acq: 9 Mar 2022 17:45

Instrument :

BNA\_G

ClientSampleId :

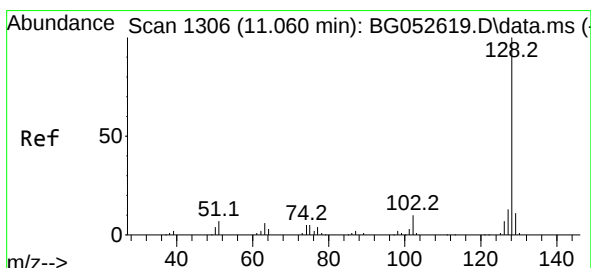
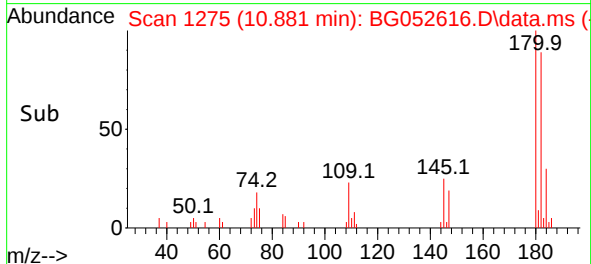
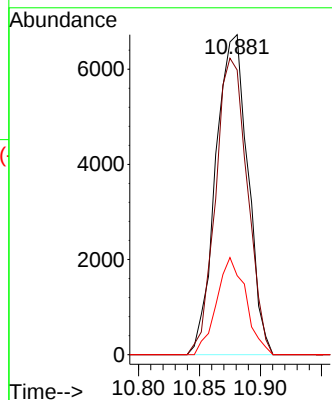
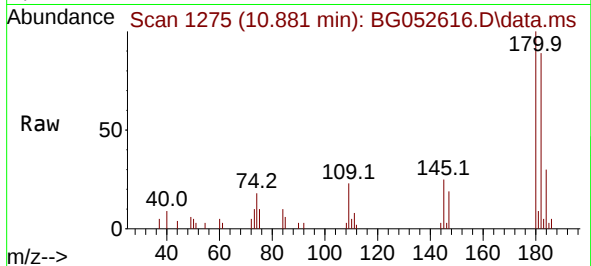
SSTDICC005

Tgt Ion:180 Resp: 12338  
Ion Ratio Lower Upper  
180 100  
182 89.0 77.8 116.6  
145 24.7 24.4 36.6

Manual Integrations

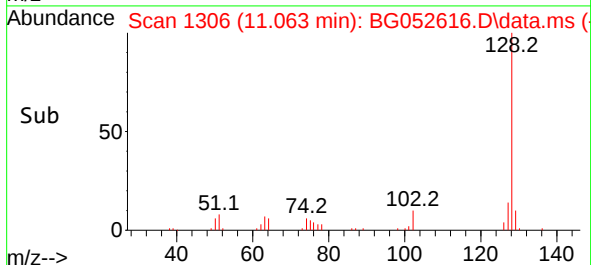
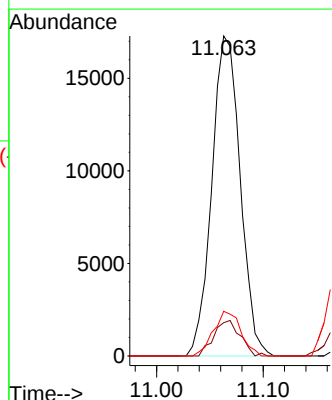
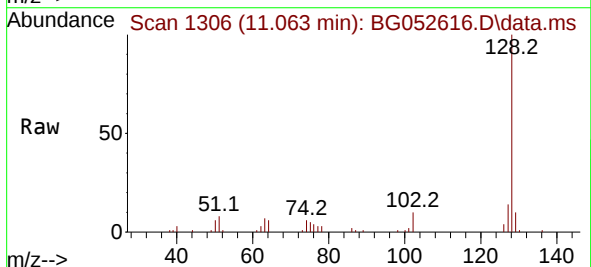
APPROVED

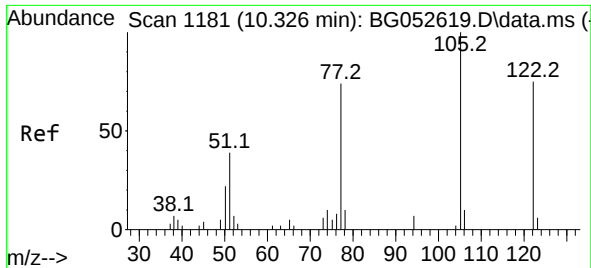
Reviewed By :Christian Giraldo 03/10/2022  
Supervised By :Jagrut Upadhyay 03/10/2022



#31  
Naphthalene  
Concen: 5.308 ng  
RT: 11.063 min Scan# 1306  
Delta R.T. 0.003 min  
Lab File: BG052616.D  
Acq: 9 Mar 2022 17:45

Tgt Ion:128 Resp: 31964  
Ion Ratio Lower Upper  
128 100  
129 10.4 8.8 13.2  
127 14.0 10.5 15.7





#32  
Benzoic acid  
Concen: 8.339 ng  
RT: 10.170 min Scan# 1181  
Delta R.T. -0.156 min  
Lab File: BG052616.D  
Acq: 9 Mar 2022 17:45

Instrument :

BNA\_G

ClientSampleId :

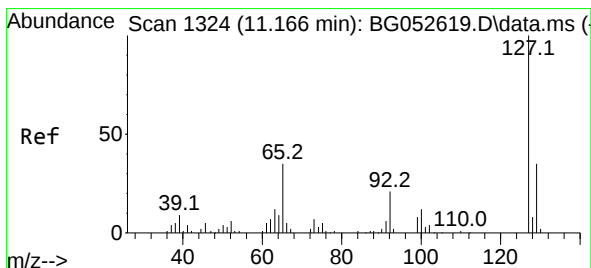
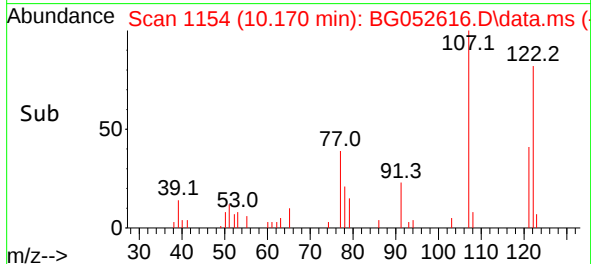
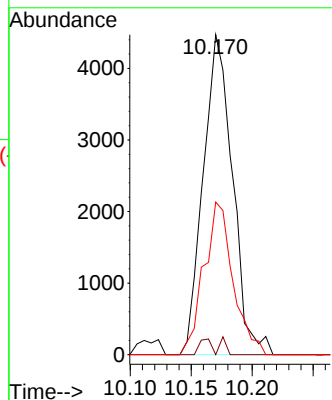
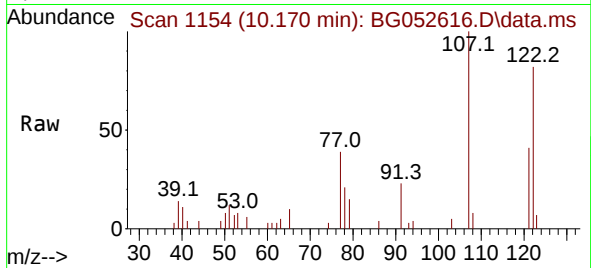
SSTDICC005

Tgt Ion:122 Resp: 7470  
Ion Ratio Lower Upper  
122 100  
105 0.0 112.8 152.8  
77 47.7 78.4 118.4

Manual Integrations

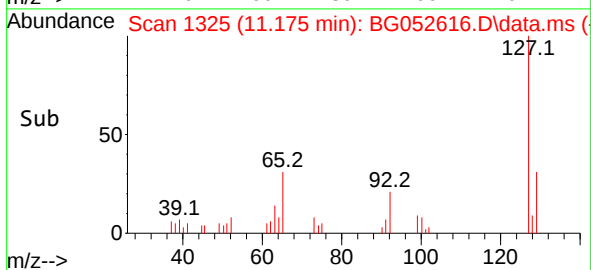
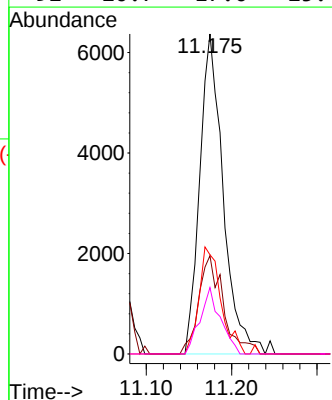
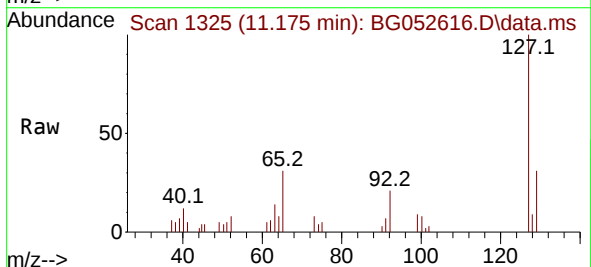
APPROVED

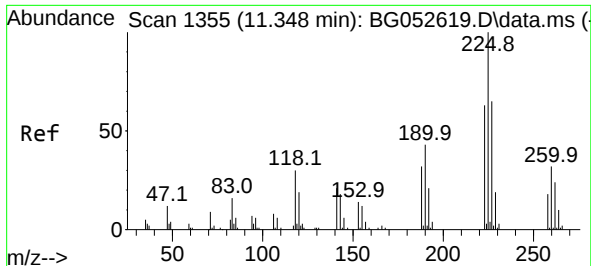
Reviewed By :Christian Giraldo 03/10/2022  
Supervised By :Jagrut Upadhyay 03/10/2022



#33  
4-Chloroaniline  
Concen: 5.015 ng  
RT: 11.175 min Scan# 1325  
Delta R.T. 0.008 min  
Lab File: BG052616.D  
Acq: 9 Mar 2022 17:45

Tgt Ion:127 Resp: 12218  
Ion Ratio Lower Upper  
127 100  
129 30.7 27.6 41.4  
65 31.0 28.2 42.4  
92 20.7 17.0 25.4





#34  
Hexachlorobutadiene  
Concen: 5.290 ng  
RT: 11.357 min Scan# 11357  
Delta R.T. 0.008 min  
Lab File: BG052616.D  
Acq: 9 Mar 2022 17:45

Instrument :

BNA\_G

ClientSampleId :

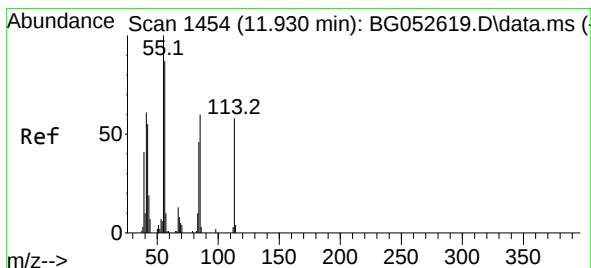
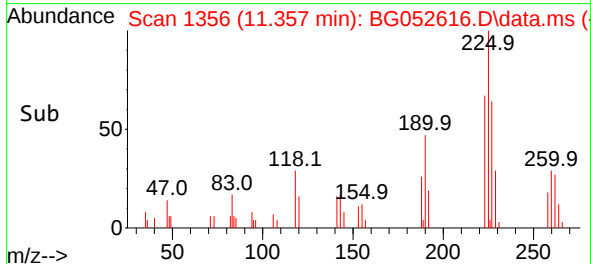
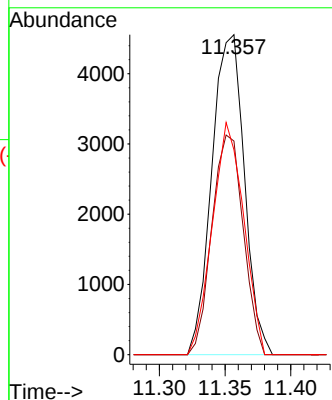
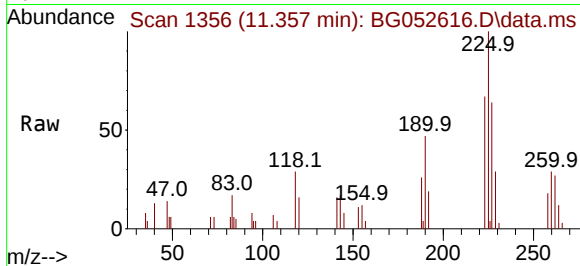
SSTDICC005

Tgt Ion:225 Resp: 785  
Ion Ratio Lower Upper  
225 100  
223 66.8 50.2 75.2  
227 64.0 52.0 78.0

Manual Integrations

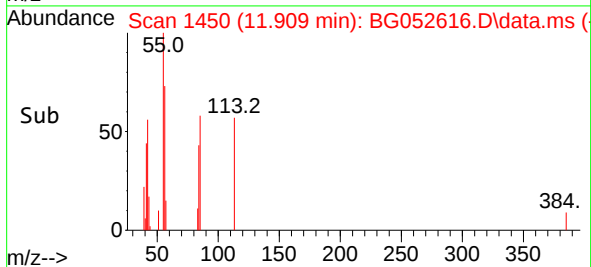
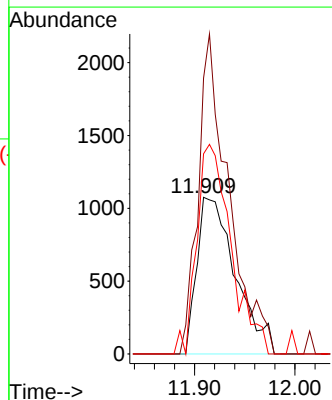
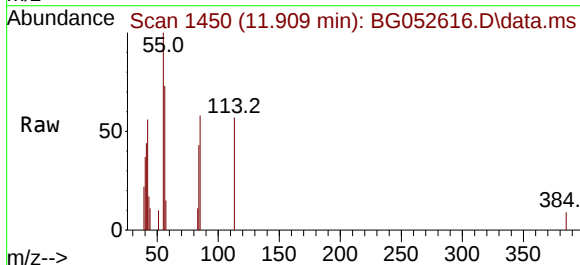
APPROVED

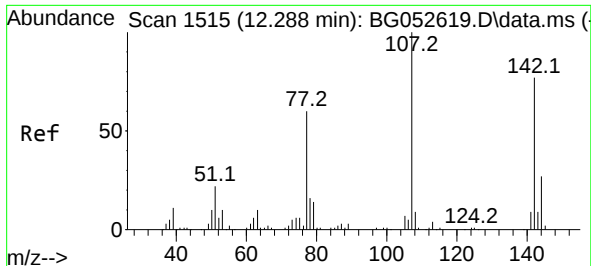
Reviewed By :Christian Giraldo 03/10/2022  
Supervised By :Jagrut Upadhyay 03/10/2022



#35  
Caprolactam  
Concen: 4.653 ng  
RT: 11.909 min Scan# 1450  
Delta R.T. -0.021 min  
Lab File: BG052616.D  
Acq: 9 Mar 2022 17:45

Tgt Ion:113 Resp: 2868  
Ion Ratio Lower Upper  
113 100  
55 176.2 151.3 191.3  
56 127.8 128.5 168.5#





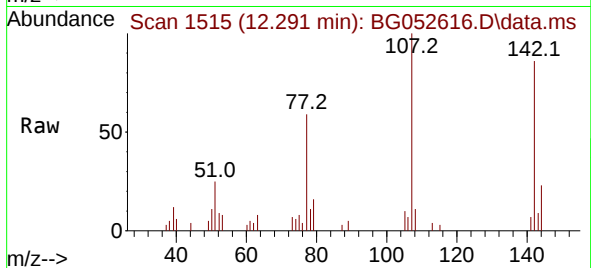
#36  
4-Chloro-3-methylphenol  
Concen: 4.859 ng  
RT: 12.291 min Scan# 1515  
Delta R.T. 0.003 min  
Lab File: BG052616.D  
Acq: 9 Mar 2022 17:45

Instrument :

BNA\_G

ClientSampleId :

SSTDICC005



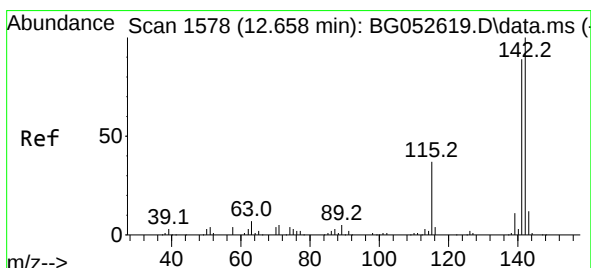
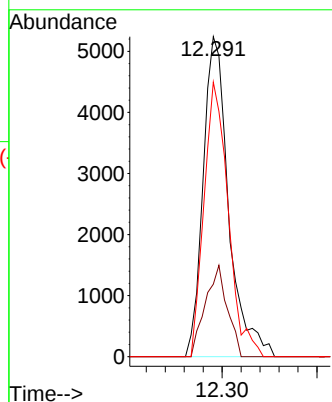
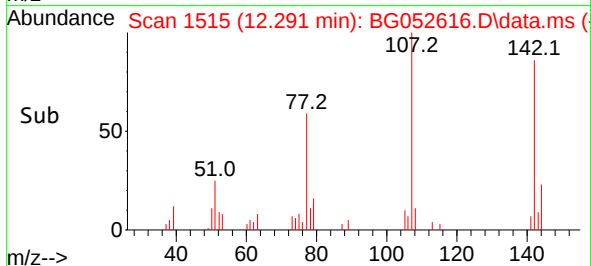
Tgt Ion:107 Resp: 9772  
Ion Ratio Lower Upper  
107 100  
144 22.7 21.4 32.0  
142 85.8 61.7 92.5

Manual Integrations

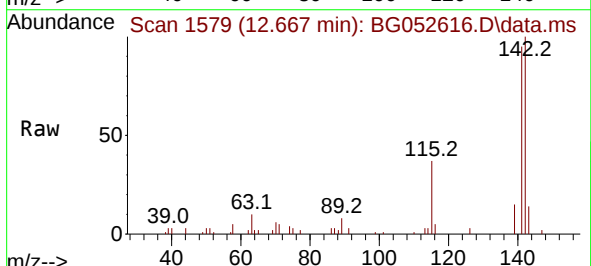
APPROVED

Reviewed By :Christian Giraldo 03/10/2022

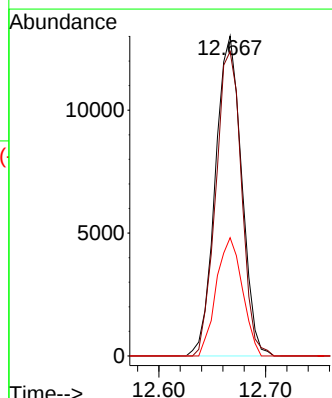
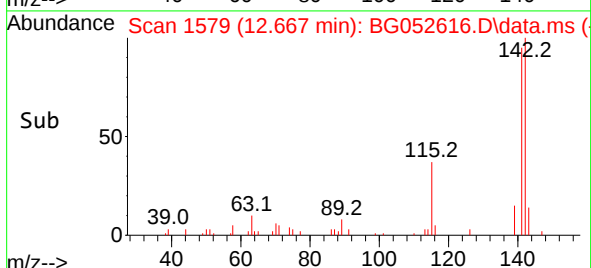
Supervised By :Jagrut Upadhyay 03/10/2022

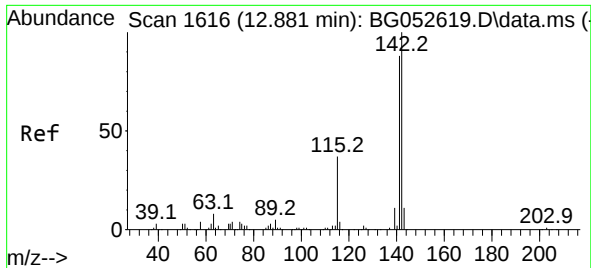


#37  
2-Methylnaphthalene  
Concen: 5.122 ng  
RT: 12.667 min Scan# 1579  
Delta R.T. 0.008 min  
Lab File: BG052616.D  
Acq: 9 Mar 2022 17:45



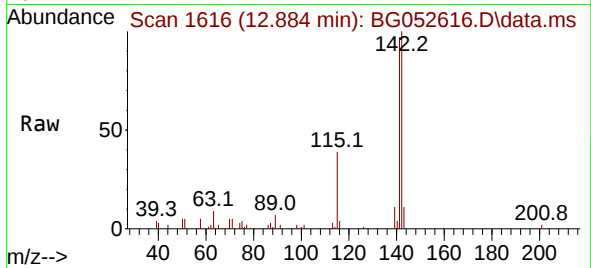
Tgt Ion:142 Resp: 22284  
Ion Ratio Lower Upper  
142 100  
141 95.1 71.3 106.9  
115 36.9 29.5 44.3





#38  
1-Methylnaphthalene  
Concen: 5.265 ng  
RT: 12.884 min Scan# 1616  
Delta R.T. 0.003 min  
Lab File: BG052616.D  
Acq: 9 Mar 2022 17:45

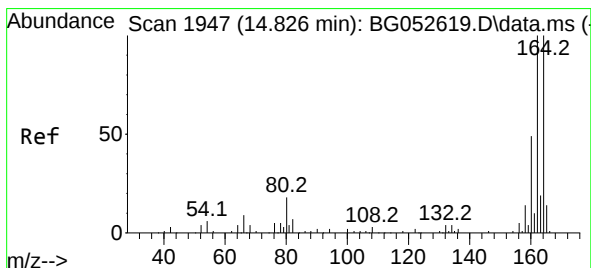
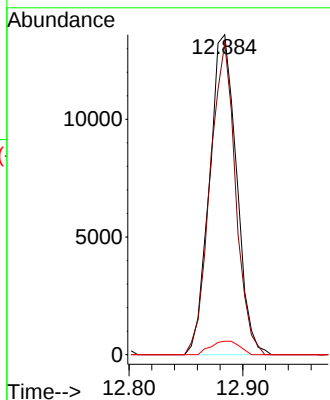
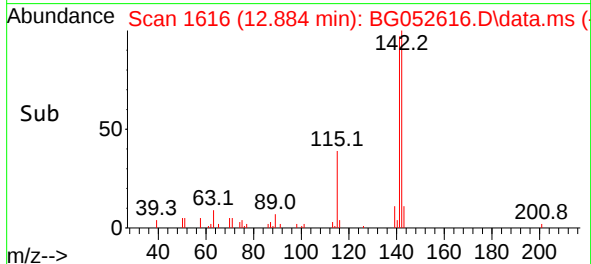
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



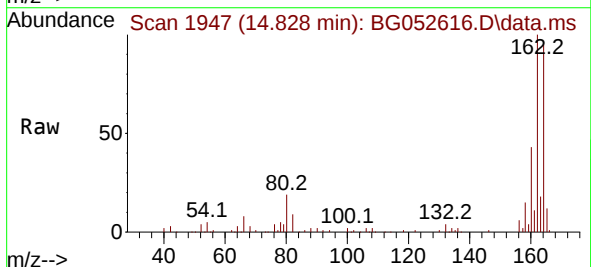
Tgt Ion:142 Resp: 2249  
Ion Ratio Lower Upper  
142 100  
141 97.4 70.5 105.7  
116 4.2 3.1 4.7

Manual Integrations  
APPROVED

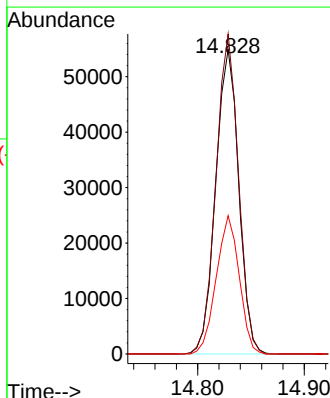
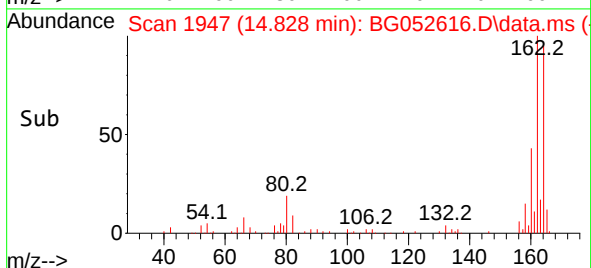
Reviewed By :Christian Giraldo 03/10/2022  
Supervised By :Jagrut Upadhyay 03/10/2022

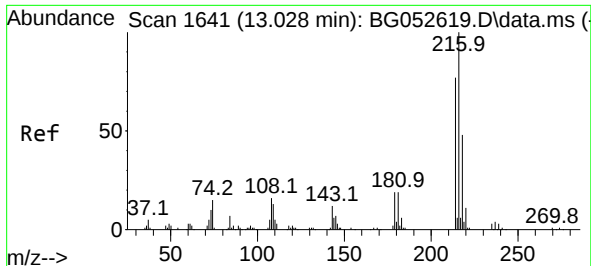


#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.828 min Scan# 1947  
Delta R.T. 0.003 min  
Lab File: BG052616.D  
Acq: 9 Mar 2022 17:45



Tgt Ion:164 Resp: 82308  
Ion Ratio Lower Upper  
164 100  
162 105.1 80.0 120.0  
160 45.4 38.8 58.2





#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 5.322 ng  
RT: 13.031 min Scan# 1  
Delta R.T. 0.003 min  
Lab File: BG052616.D  
Acq: 9 Mar 2022 17:45

Instrument :

BNA\_G

ClientSampleId :

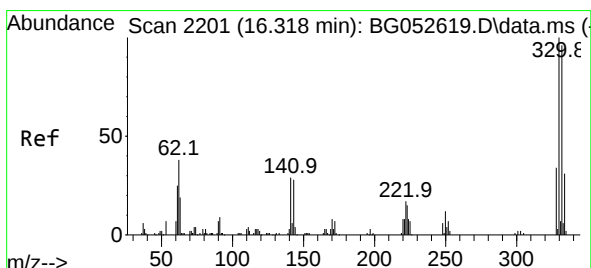
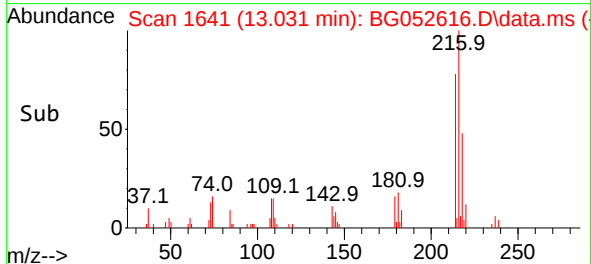
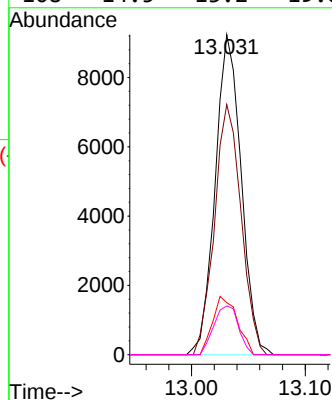
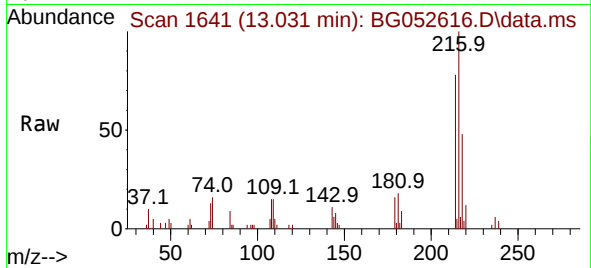
SSTDICC005

Tgt Ion:216 Resp: 1465  
Ion Ratio Lower Upper  
216 100  
214 79.9 63.8 95.6  
179 17.2 15.7 23.5  
108 14.5 13.2 19.8

Manual Integrations

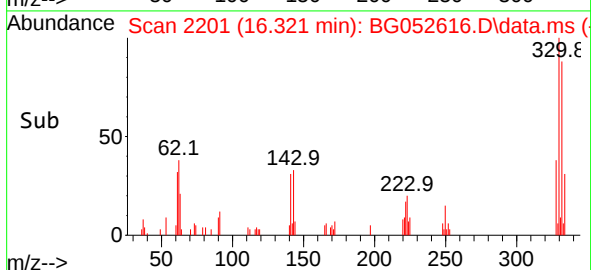
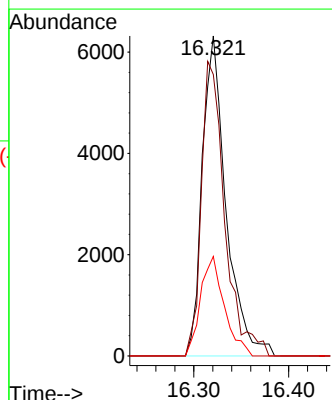
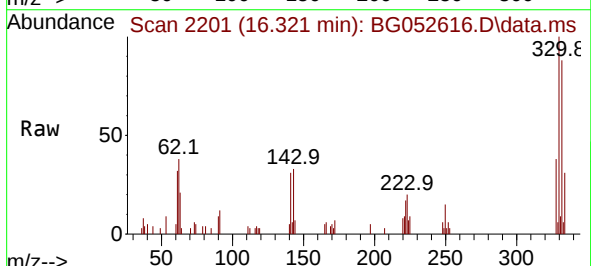
APPROVED

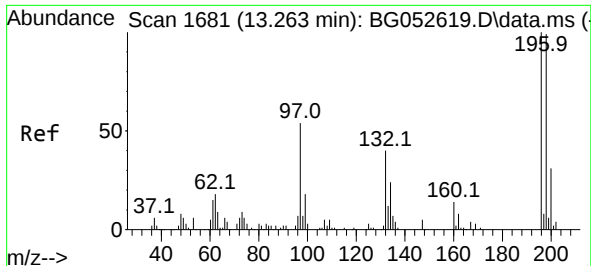
Reviewed By :Christian Giraldo 03/10/2022  
Supervised By :Jagrut Upadhyay 03/10/2022



#42  
2,4,6-Tribromophenol  
Concen: 9.433 ng  
RT: 16.321 min Scan# 2201  
Delta R.T. 0.003 min  
Lab File: BG052616.D  
Acq: 9 Mar 2022 17:45

Tgt Ion:330 Resp: 11012  
Ion Ratio Lower Upper  
330 100  
332 90.9 75.8 113.6  
141 31.1 24.6 36.8





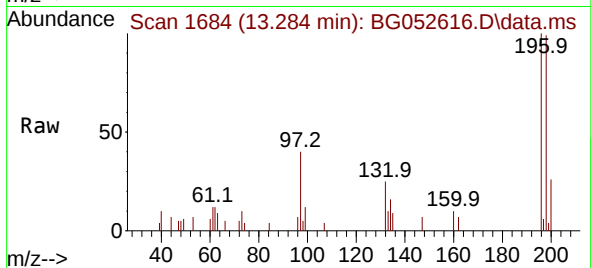
#43  
2,4,6-Trichlorophenol  
Concen: 4.559 ng  
RT: 13.284 min Scan# 1684  
Delta R.T. 0.020 min  
Lab File: BG052616.D  
Acq: 9 Mar 2022 17:45

Instrument :

BNA\_G

ClientSampleId :

SSTDICC005

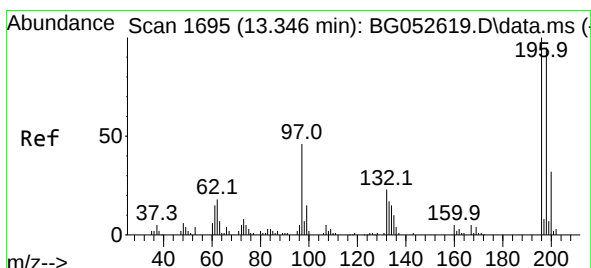
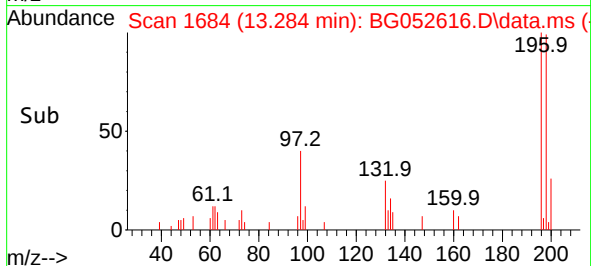
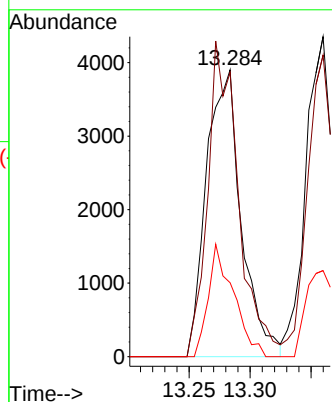


Tgt Ion:196 Resp: 773  
Ion Ratio Lower Upper  
196 100  
198 99.1 78.8 118.2  
200 25.8 25.1 37.7

Manual Integrations

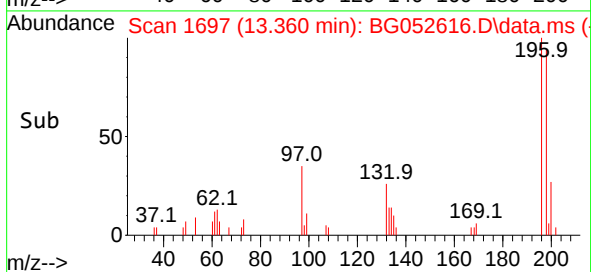
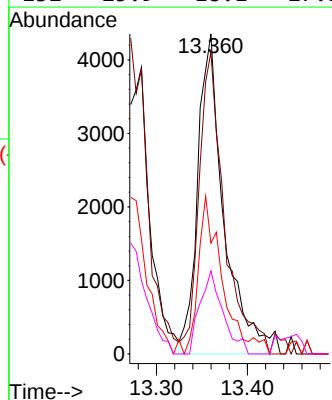
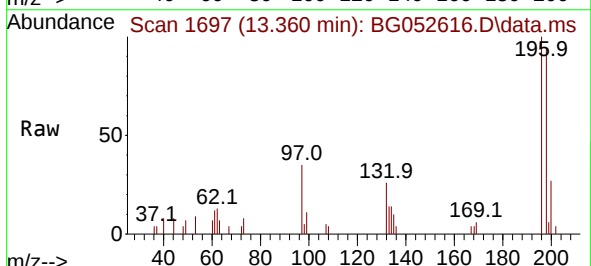
APPROVED

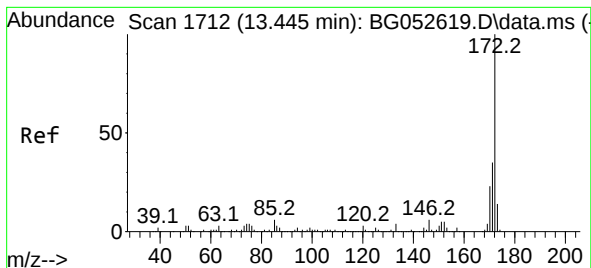
Reviewed By :Christian Giraldo 03/10/2022  
Supervised By :Jagrut Upadhyay 03/10/2022



#44  
2,4,5-Trichlorophenol  
Concen: 4.771 ng m  
RT: 13.360 min Scan# 1697  
Delta R.T. 0.014 min  
Lab File: BG052616.D  
Acq: 9 Mar 2022 17:45

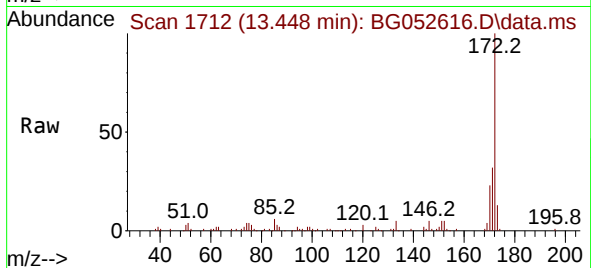
Tgt Ion:196 Resp: 8767  
Ion Ratio Lower Upper  
196 100  
198 94.2 75.8 113.6  
97 34.6 36.5 54.7#  
132 25.9 18.1 27.1





#45  
2-Fluorobiphenyl  
Concen: 10.987 ng  
RT: 13.448 min Scan# 1712  
Delta R.T. 0.003 min  
Lab File: BG052616.D  
Acq: 9 Mar 2022 17:45

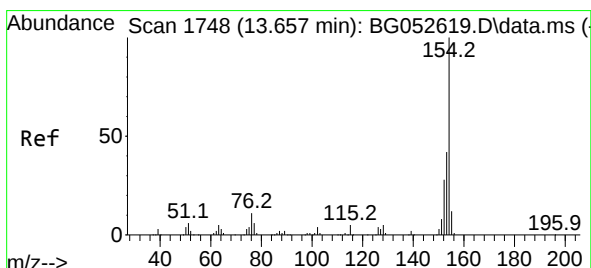
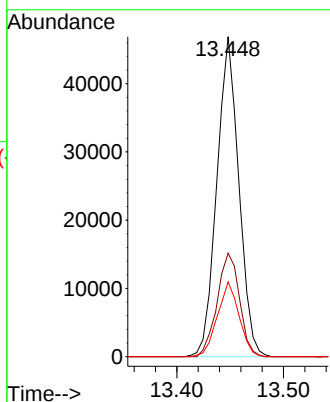
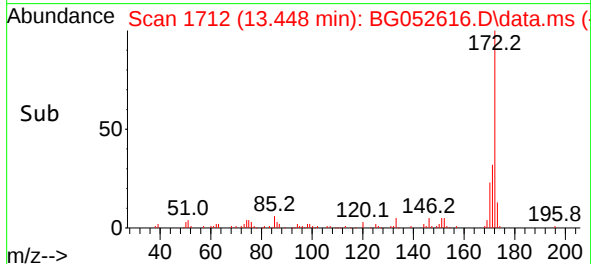
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



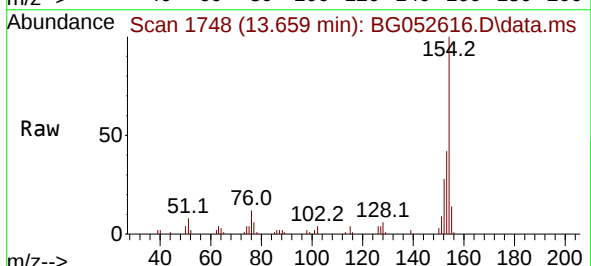
Tgt Ion:172 Resp: 6699  
Ion Ratio Lower Upper  
172 100  
171 32.4 28.3 42.5  
170 23.4 18.0 27.0

Manual Integrations  
APPROVED

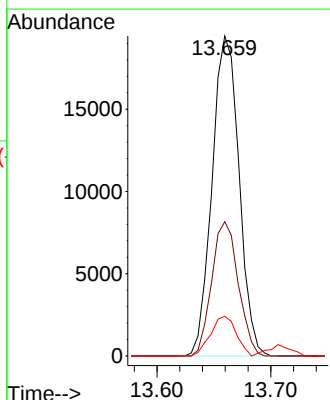
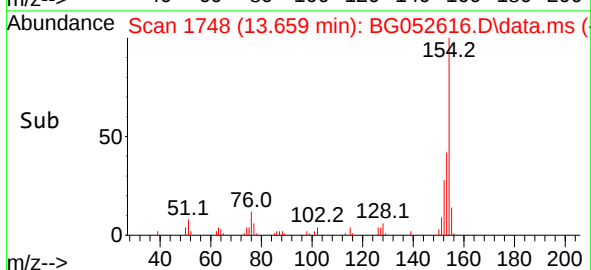
Reviewed By :Christian Giraldo 03/10/2022  
Supervised By :Jagrut Upadhyay 03/10/2022

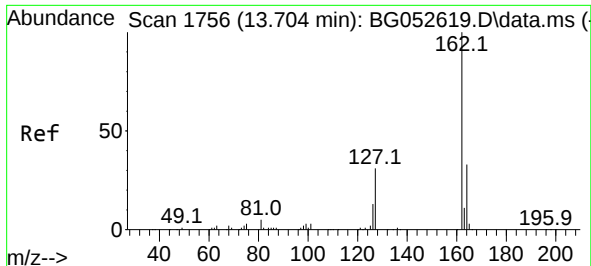


#46  
1,1'-Biphenyl  
Concen: 5.206 ng  
RT: 13.659 min Scan# 1748  
Delta R.T. 0.003 min  
Lab File: BG052616.D  
Acq: 9 Mar 2022 17:45



Tgt Ion:154 Resp: 32050  
Ion Ratio Lower Upper  
154 100  
153 42.0 21.6 61.6  
76 12.4 0.0 31.5





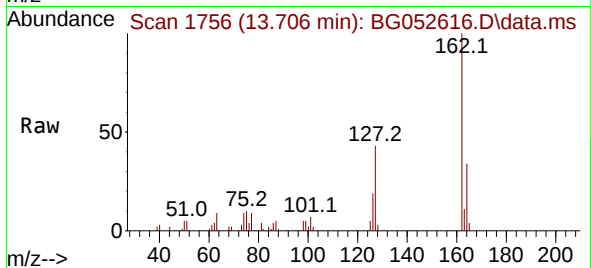
#47  
2-Chloronaphthalene  
Concen: 5.275 ng  
RT: 13.706 min Scan# 1756  
Delta R.T. 0.002 min  
Lab File: BG052616.D  
Acq: 9 Mar 2022 17:45

Instrument :

BNA\_G

ClientSampleId :

SSTDICC005

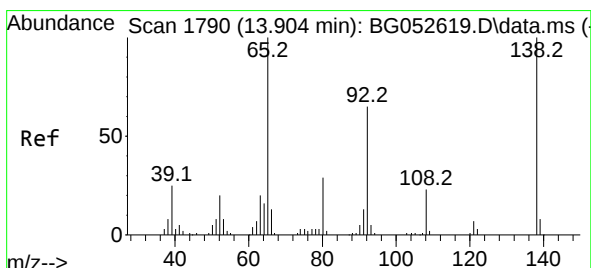
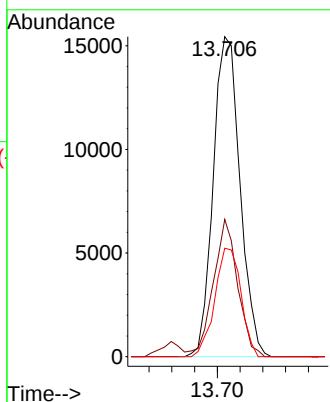
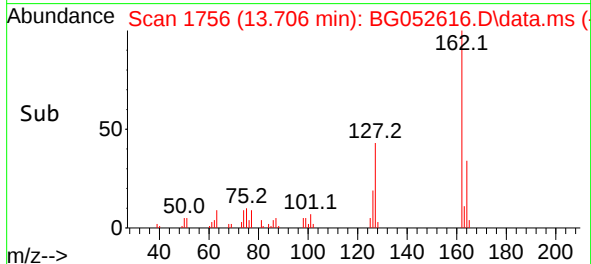


Tgt Ion:162 Resp: 2525  
Ion Ratio Lower Upper  
162 100  
127 42.9 28.1 42.1  
164 33.9 26.0 39.0

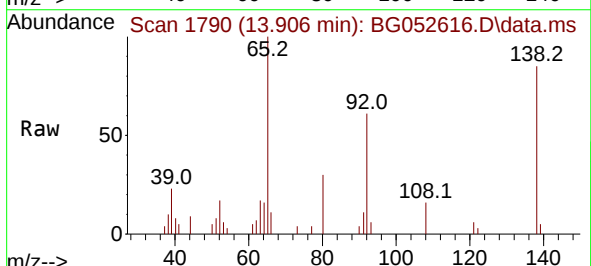
Manual Integrations

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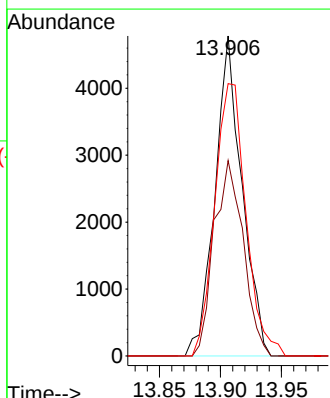
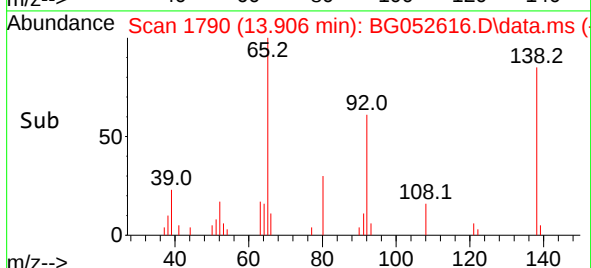
Reviewed By :Christian Giraldo 03/10/2022  
Supervised By :Jagrut Upadhyay 03/10/2022

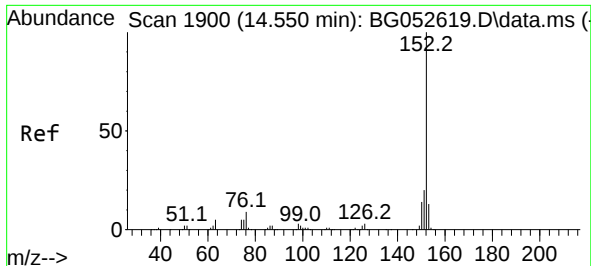


#48  
2-Nitroaniline  
Concen: 4.780 ng  
RT: 13.906 min Scan# 1790  
Delta R.T. 0.002 min  
Lab File: BG052616.D  
Acq: 9 Mar 2022 17:45



Tgt Ion: 65 Resp: 7369  
Ion Ratio Lower Upper  
65 100  
92 61.1 52.1 78.1  
138 85.1 80.1 120.1





#49  
Acenaphthylene  
Concen: 5.217 ng  
RT: 14.552 min Scan# 1900  
Delta R.T. 0.003 min  
Lab File: BG052616.D  
Acq: 9 Mar 2022 17:45

Instrument :

BNA\_G

ClientSampleId :

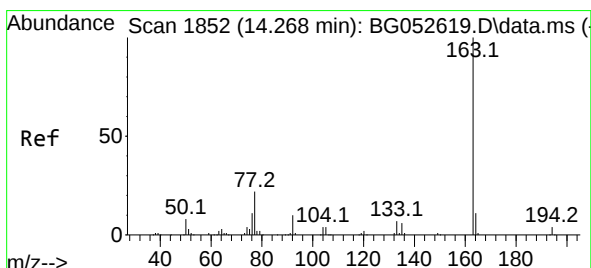
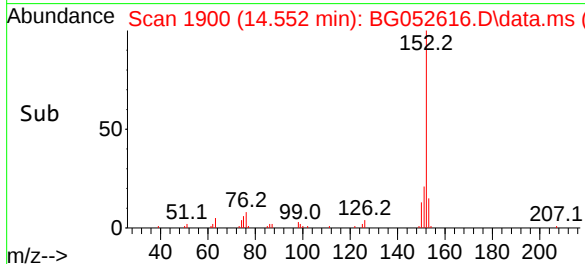
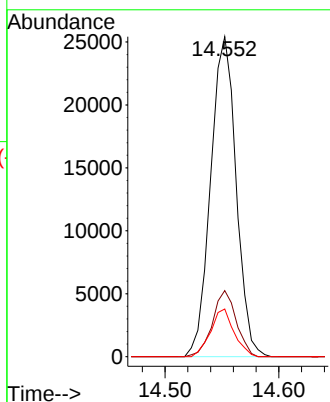
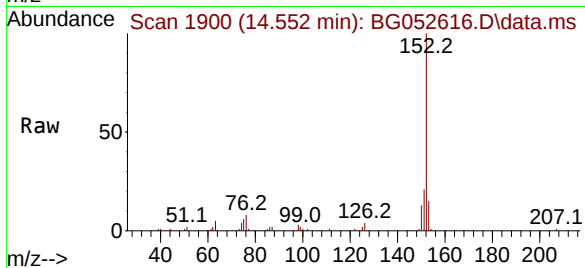
SSTDICC005

Tgt Ion:152 Resp: 39558  
Ion Ratio Lower Upper  
152 100  
151 20.7 15.8 23.6  
153 14.9 10.6 15.8

Manual Integrations

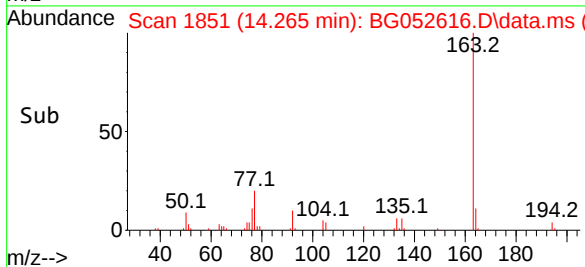
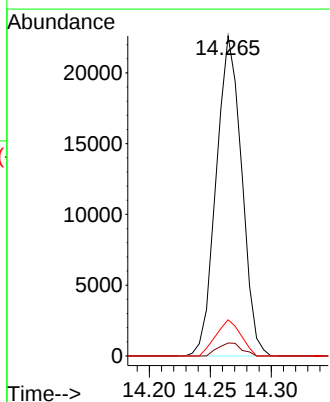
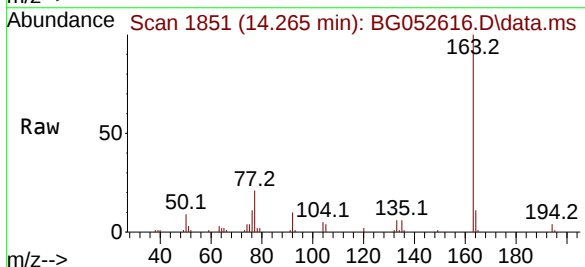
APPROVED

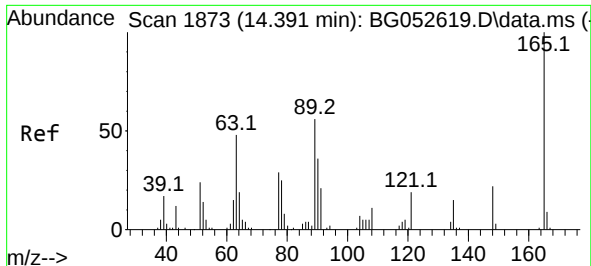
Reviewed By :Christian Giraldo 03/10/2022  
Supervised By :Jagrut Upadhyay 03/10/2022



#50  
Dimethylphthalate  
Concen: 5.264 ng  
RT: 14.265 min Scan# 1851  
Delta R.T. -0.003 min  
Lab File: BG052616.D  
Acq: 9 Mar 2022 17:45

Tgt Ion:163 Resp: 32916  
Ion Ratio Lower Upper  
163 100  
194 4.0 3.3 4.9  
164 11.3 8.5 12.7





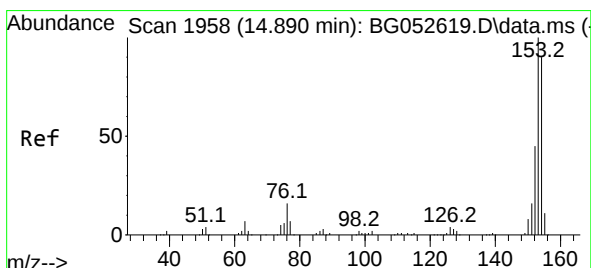
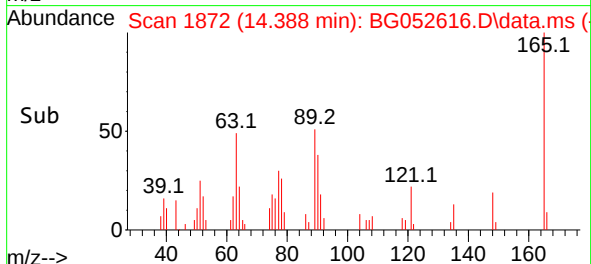
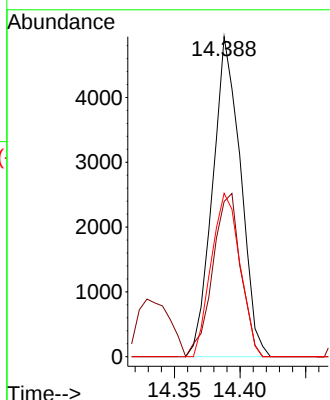
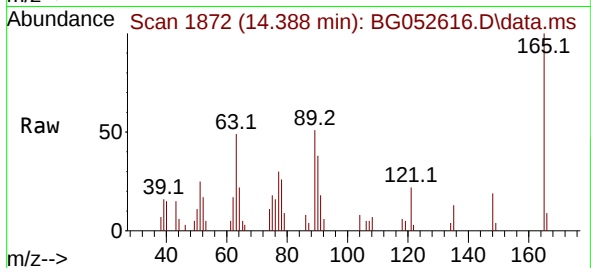
#51  
2,6-Dinitrotoluene  
Concen: 5.334 ng  
RT: 14.388 min Scan# 1872  
Delta R.T. -0.003 min  
Lab File: BG052616.D  
Acq: 9 Mar 2022 17:45

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005

Tgt Ion:165 Resp: 7289  
Ion Ratio Lower Upper  
165 100  
63 48.5 43.7 65.5  
89 51.1 45.0 67.4

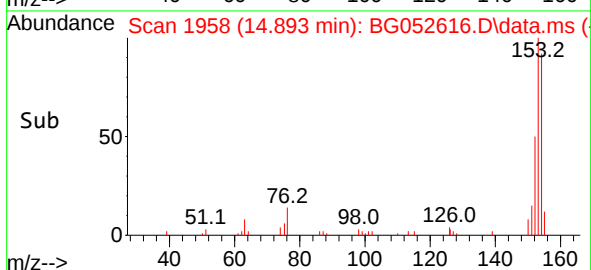
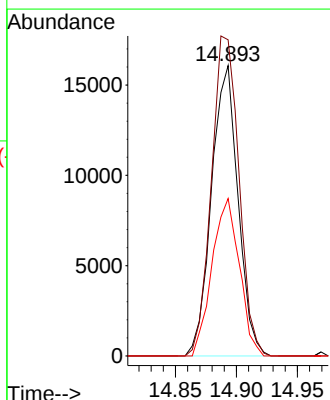
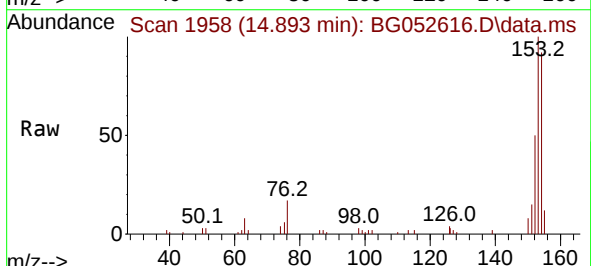
Manual Integrations  
APPROVED

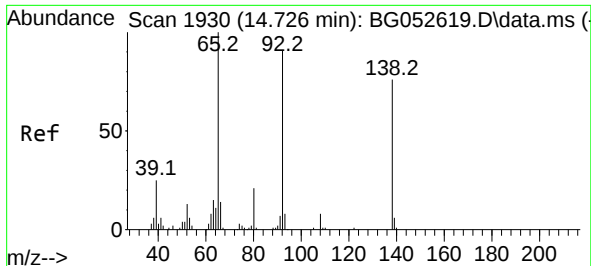
Reviewed By :Christian Giraldo 03/10/2022  
Supervised By :Jagrut Upadhyay 03/10/2022



#52  
Acenaphthene  
Concen: 5.298 ng  
RT: 14.893 min Scan# 1958  
Delta R.T. 0.003 min  
Lab File: BG052616.D  
Acq: 9 Mar 2022 17:45

Tgt Ion:154 Resp: 24360  
Ion Ratio Lower Upper  
154 100  
153 108.8 89.0 133.4  
152 54.2 40.5 60.7





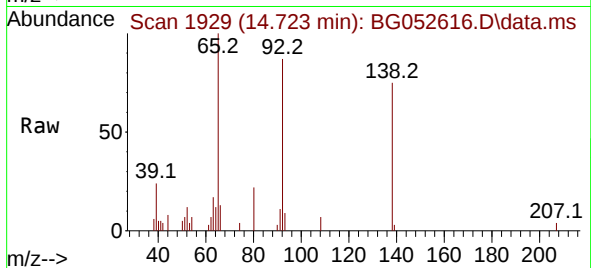
#53  
3-Nitroaniline  
Concen: 4.636 ng  
RT: 14.723 min Scan# 1930  
Delta R.T. -0.003 min  
Lab File: BG052616.D  
Acq: 9 Mar 2022 17:45

Instrument :

BNA\_G

ClientSampleId :

SSTDICC005

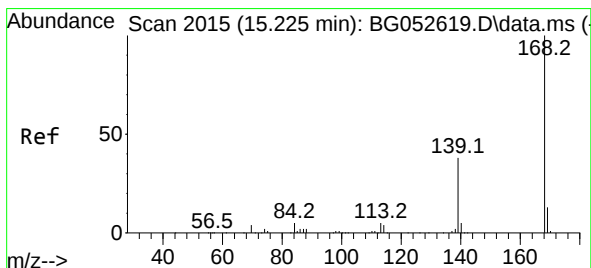
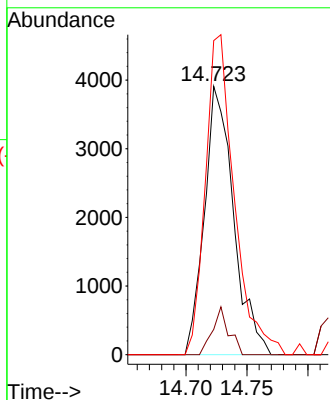
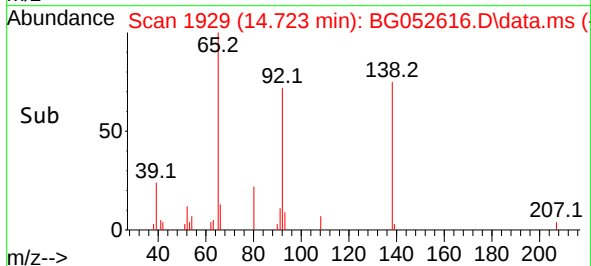


Tgt Ion:138 Resp: 6519  
Ion Ratio Lower Upper  
138 100  
108 9.4 8.0 12.0  
92 117.0 96.2 144.2

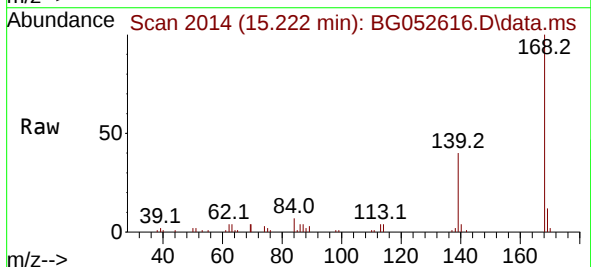
Manual Integrations

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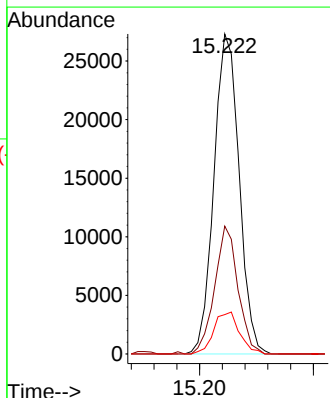
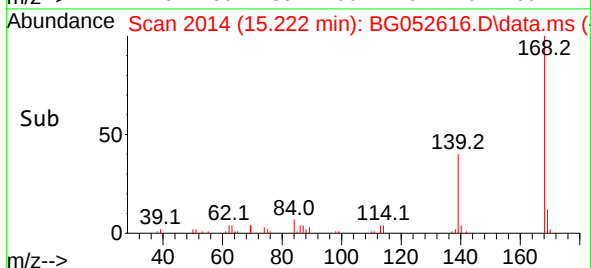
Reviewed By :Christian Giraldo 03/10/2022  
Supervised By :Jagrut Upadhyay 03/10/2022

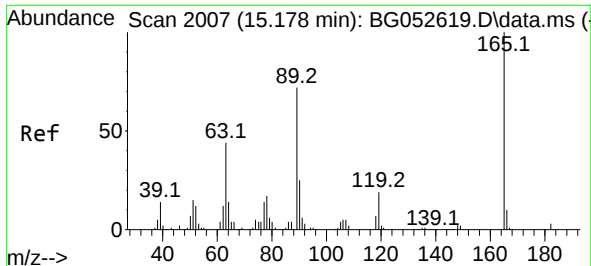


#55  
Dibenzofuran  
Concen: 5.383 ng  
RT: 15.222 min Scan# 2014  
Delta R.T. -0.003 min  
Lab File: BG052616.D  
Acq: 9 Mar 2022 17:45



Tgt Ion:168 Resp: 41971  
Ion Ratio Lower Upper  
168 100  
139 39.9 30.2 45.4  
169 12.3 10.7 16.1





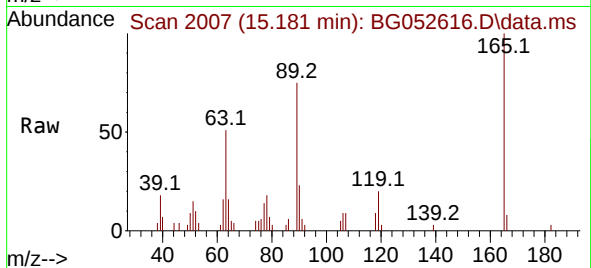
#57  
2,4-Dinitrotoluene  
Concen: 4.879 ng  
RT: 15.181 min Scan# 2007  
Delta R.T. 0.003 min  
Lab File: BG052616.D  
Acq: 9 Mar 2022 17:45

Instrument :

BNA\_G

ClientSampleId :

SSTDICC005

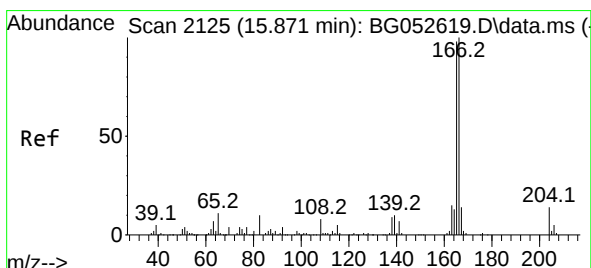
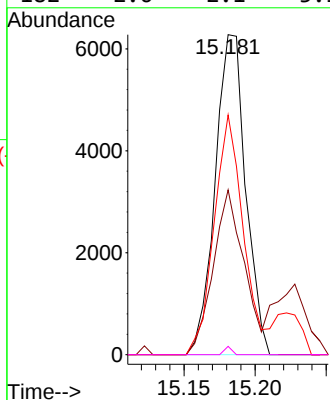
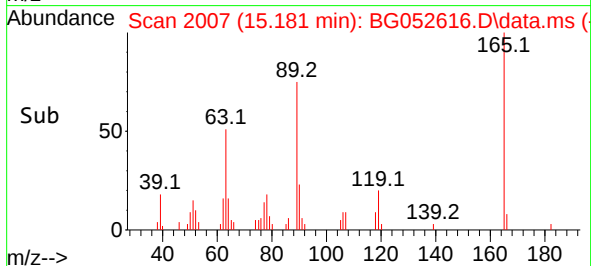


Tgt Ion:165 Resp: 9384  
Ion Ratio Lower Upper  
165 100  
63 51.5 34.8 52.2  
89 74.9 57.4 86.0  
182 2.6 2.1 3.1

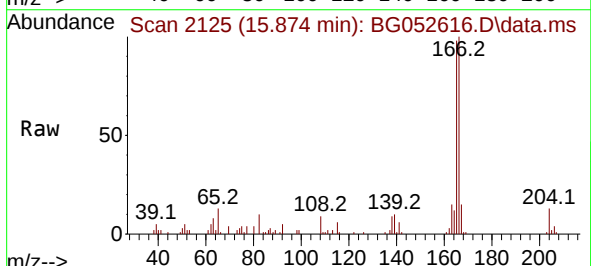
Manual Integrations

APPROVED

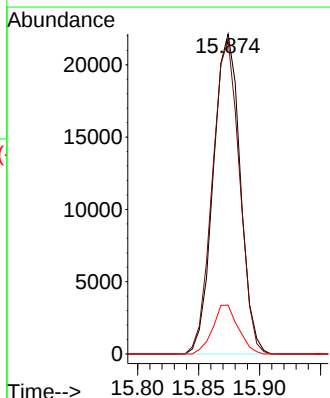
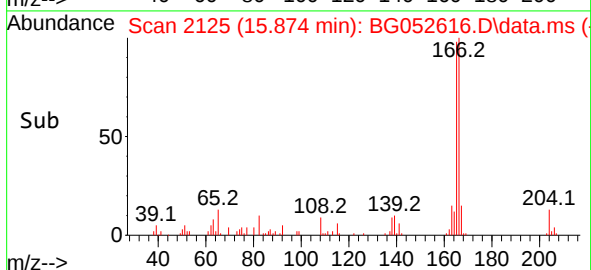
Reviewed By :Christian Giraldo 03/10/2022  
Supervised By :Jagrut Upadhyay 03/10/2022

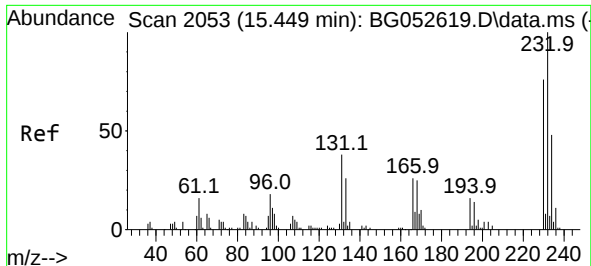


#58  
Fluorene  
Concen: 5.339 ng  
RT: 15.874 min Scan# 2125  
Delta R.T. 0.003 min  
Lab File: BG052616.D  
Acq: 9 Mar 2022 17:45



Tgt Ion:166 Resp: 33809  
Ion Ratio Lower Upper  
166 100  
165 98.2 78.6 117.8  
167 15.3 10.9 16.3





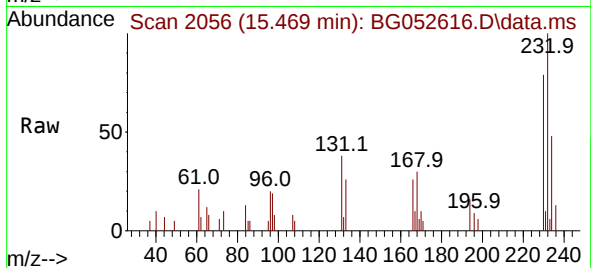
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 4.584 ng m  
RT: 15.469 min Scan# 2053  
Delta R.T. 0.020 min  
Lab File: BG052616.D  
Acq: 9 Mar 2022 17:45

Instrument :

BNA\_G

ClientSampleId :

SSTDICC005

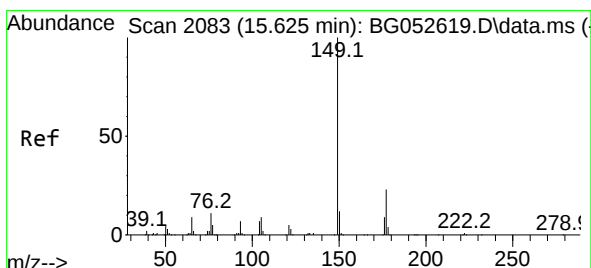
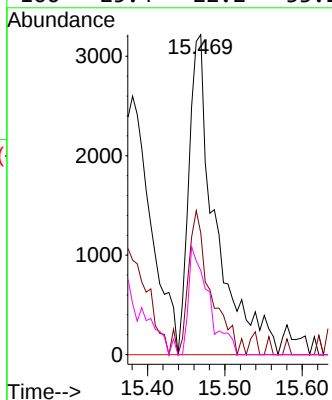
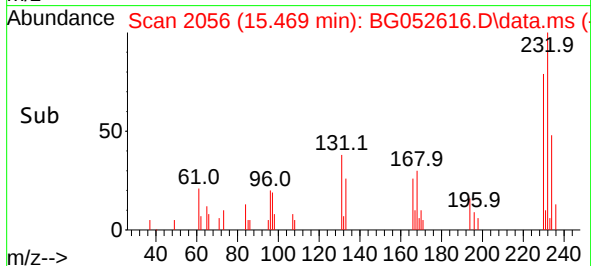


Tgt Ion:232 Resp: 7735  
Ion Ratio Lower Upper  
232 100  
131 38.2 30.1 45.1  
130 0.0 1.8 2.8  
166 25.4 22.2 33.2

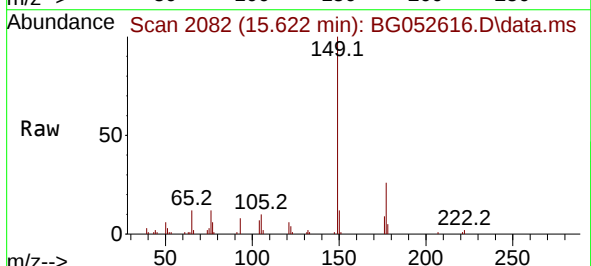
Manual Integrations

APPROVED

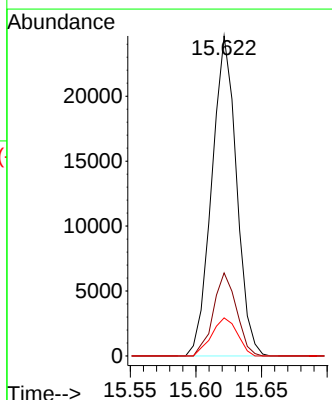
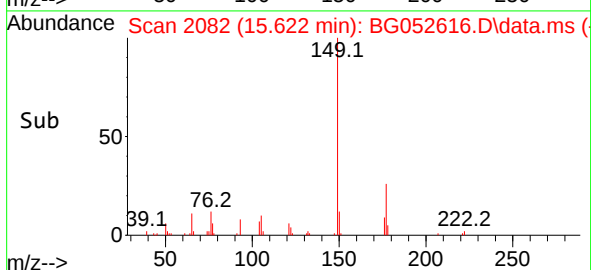
Reviewed By :Christian Giraldo 03/10/2022  
Supervised By :Jagrut Upadhyay 03/10/2022

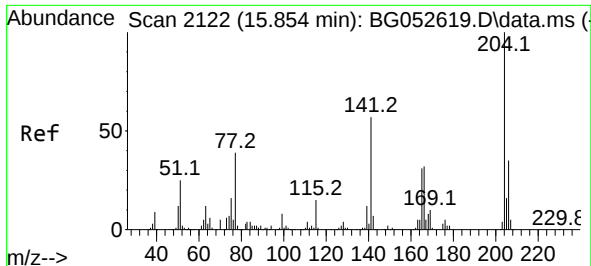


#60  
Diethylphthalate  
Concen: 5.140 ng  
RT: 15.622 min Scan# 2082  
Delta R.T. -0.003 min  
Lab File: BG052616.D  
Acq: 9 Mar 2022 17:45



Tgt Ion:149 Resp: 32256  
Ion Ratio Lower Upper  
149 100  
177 25.9 18.2 27.2  
150 11.9 9.9 14.9





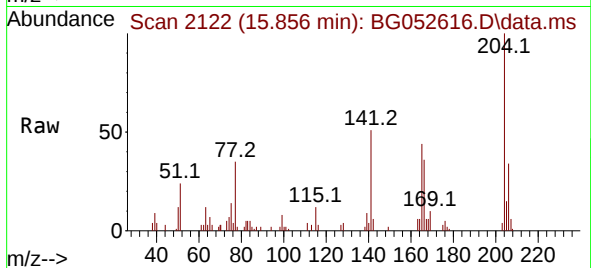
#61  
4-Chlorophenyl-phenylether  
Concen: 5.430 ng  
RT: 15.856 min Scan# 2122  
Delta R.T. 0.003 min  
Lab File: BG052616.D  
Acq: 9 Mar 2022 17:45

Instrument :

BNA\_G

ClientSampleId :

SSTDICC005

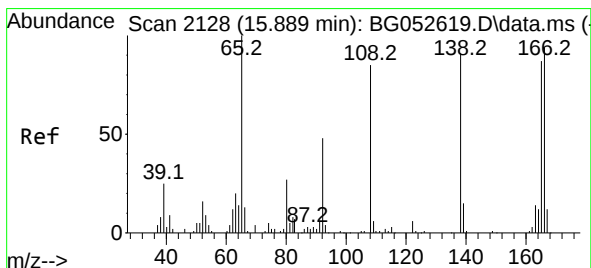
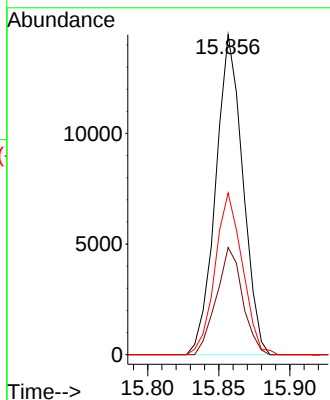
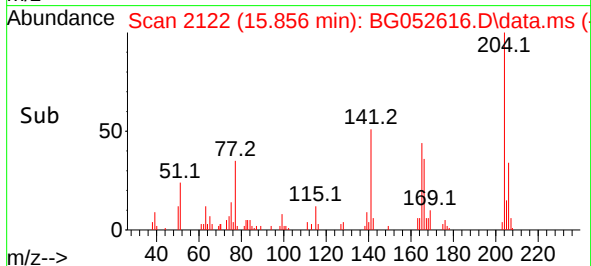


Tgt Ion:204 Resp: 1918  
Ion Ratio Lower Upper  
204 100  
206 33.5 28.3 42.5  
141 50.6 45.8 68.8

Manual Integrations

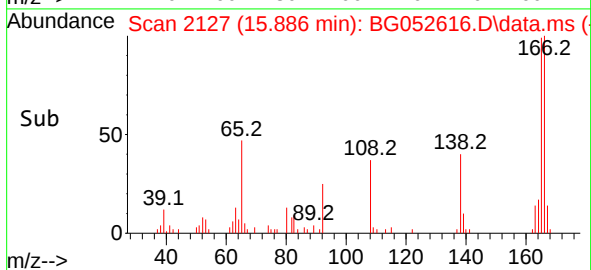
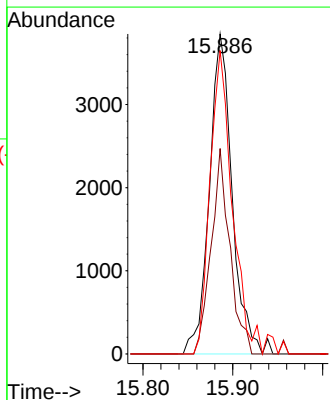
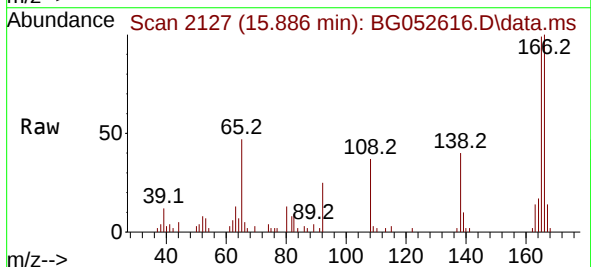
APPROVED

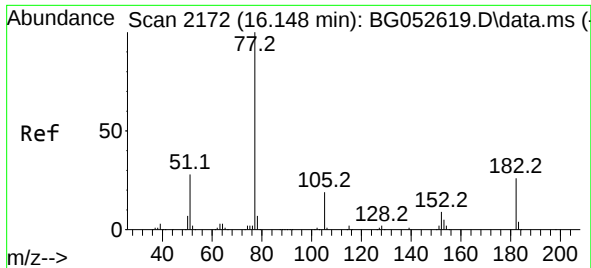
Reviewed By :Christian Giraldo 03/10/2022  
Supervised By :Jagrut Upadhyay 03/10/2022



#62  
4-Nitroaniline  
Concen: 4.576 ng  
RT: 15.886 min Scan# 2127  
Delta R.T. -0.003 min  
Lab File: BG052616.D  
Acq: 9 Mar 2022 17:45

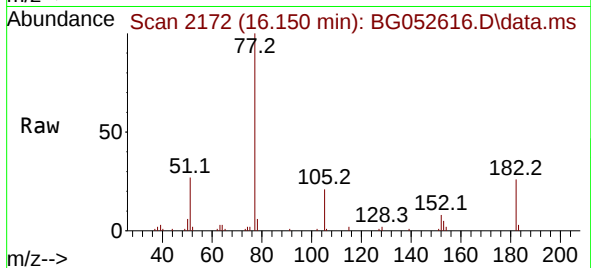
Tgt Ion:138 Resp: 6800  
Ion Ratio Lower Upper  
138 100  
92 64.2 33.3 73.3  
108 94.8 74.2 114.2





#63  
Azobenzene  
Concen: 5.503 ng  
RT: 16.150 min Scan# 2172  
Delta R.T. 0.003 min  
Lab File: BG052616.D  
Acq: 9 Mar 2022 17:45

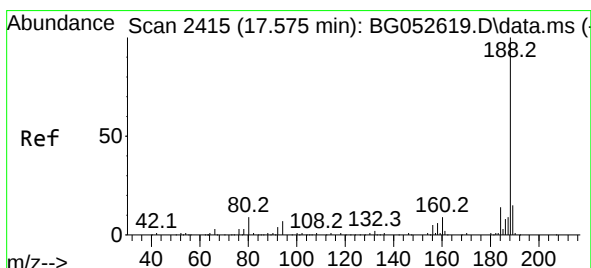
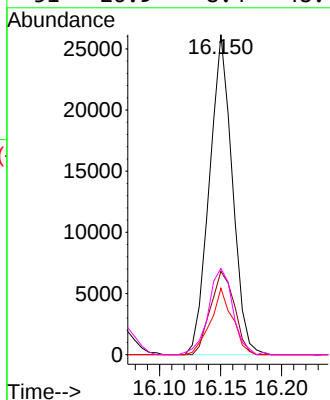
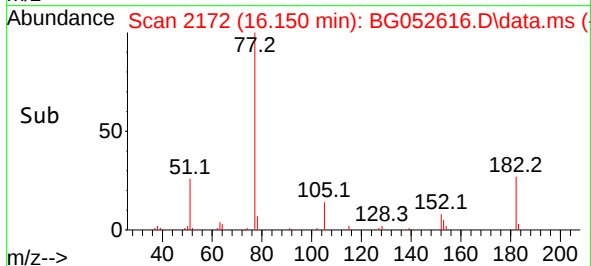
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



Tgt Ion: 77 Resp: 3410  
Ion Ratio Lower Upper  
77 100  
182 26.1 5.6 45.6  
105 20.7 0.0 38.8  
51 26.9 8.4 48.4

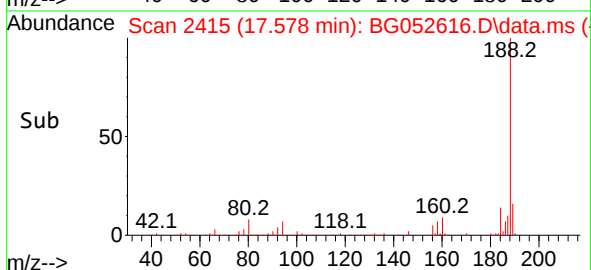
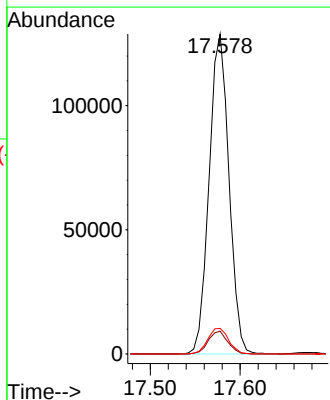
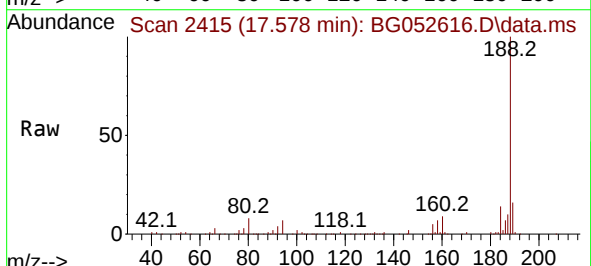
Manual Integrations  
APPROVED

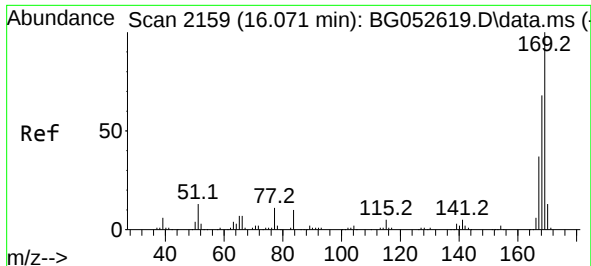
Reviewed By :Christian Giraldo 03/10/2022  
Supervised By :Jagrut Upadhyay 03/10/2022



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.578 min Scan# 2415  
Delta R.T. 0.003 min  
Lab File: BG052616.D  
Acq: 9 Mar 2022 17:45

Tgt Ion:188 Resp: 197676  
Ion Ratio Lower Upper  
188 100  
94 7.2 5.7 8.5  
80 8.0 7.2 10.8





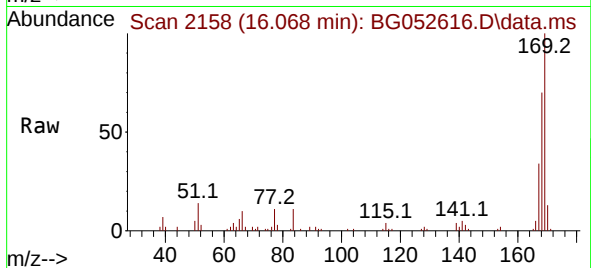
#66  
n-Nitrosodiphenylamine  
Concen: 5.050 ng  
RT: 16.068 min Scan# 2159  
Delta R.T. -0.003 min  
Lab File: BG052616.D  
Acq: 9 Mar 2022 17:45

Instrument :

BNA\_G

ClientSampleId :

SSTDICC005

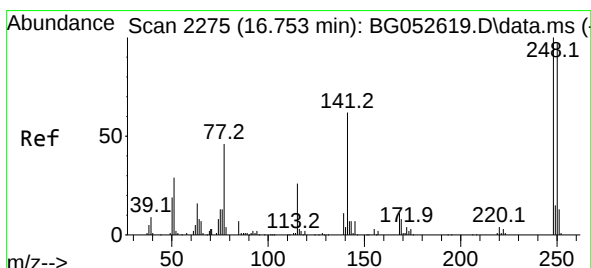
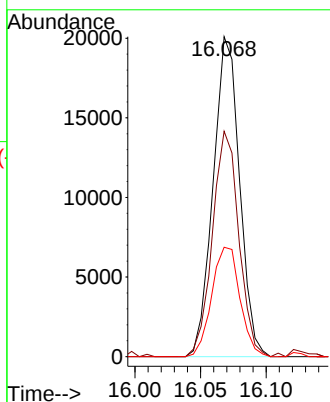
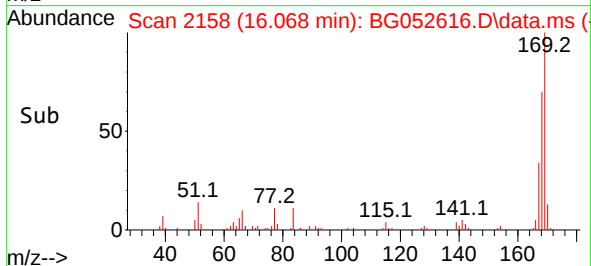


Tgt Ion:169 Resp: 28054  
Ion Ratio Lower Upper  
169 100  
168 70.4 54.5 81.7  
167 34.2 29.6 44.4

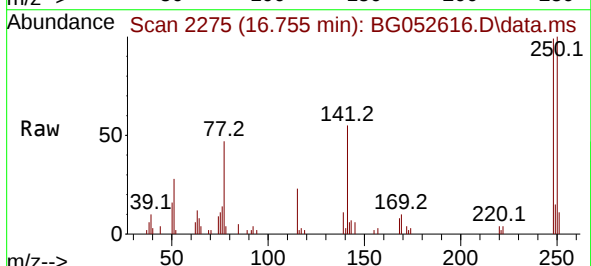
Manual Integrations

APPROVED

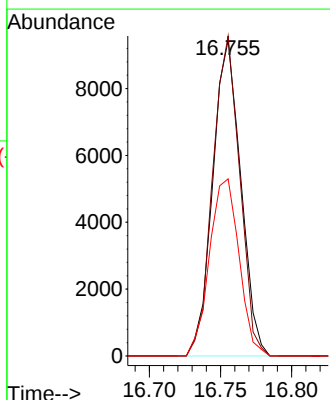
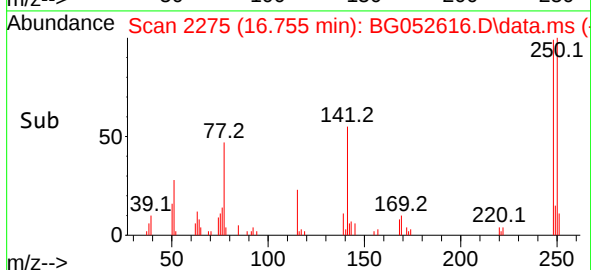
Reviewed By :Christian Giraldo 03/10/2022  
Supervised By :Jagrut Upadhyay 03/10/2022

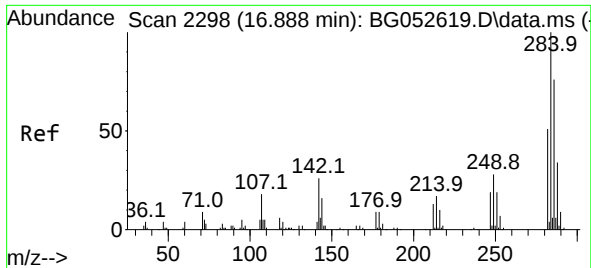


#67  
4-Bromophenyl-phenylether  
Concen: 5.288 ng  
RT: 16.755 min Scan# 2275  
Delta R.T. 0.003 min  
Lab File: BG052616.D  
Acq: 9 Mar 2022 17:45



Tgt Ion:248 Resp: 12938  
Ion Ratio Lower Upper  
248 100  
250 101.4 77.9 116.9  
141 56.1 49.2 73.8





#68  
Hexachlorobenzene  
Concen: 5.299 ng  
RT: 16.884 min Scan# 21  
Delta R.T. -0.004 min  
Lab File: BG052616.D  
Acq: 9 Mar 2022 17:45

Instrument :

BNA\_G

ClientSampleId :

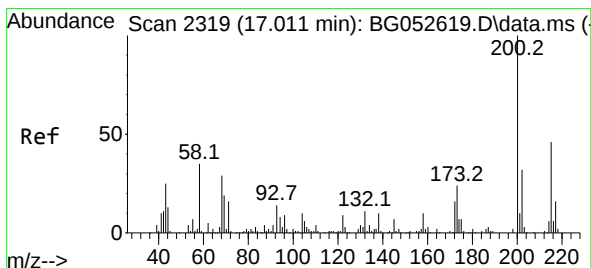
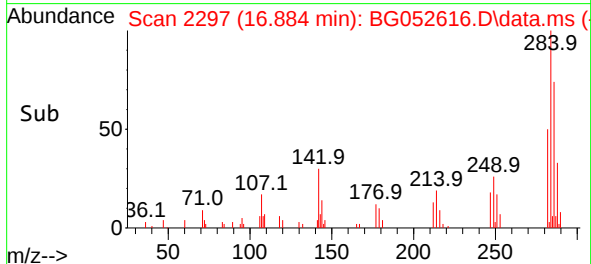
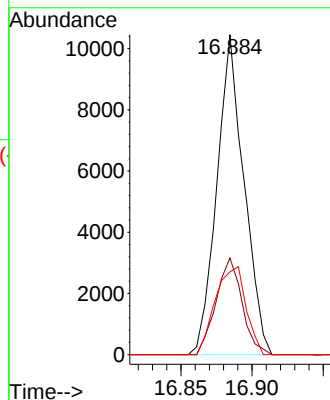
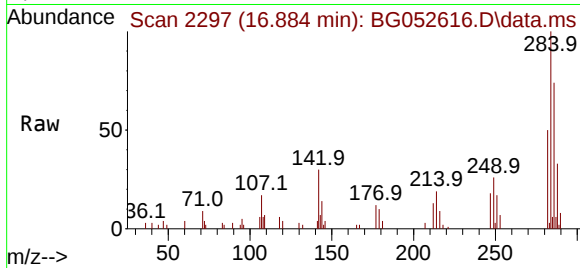
SSTDICC005

Tgt Ion:284 Resp: 1385  
Ion Ratio Lower Upper  
284 100  
142 30.2 21.0 31.4  
249 25.9 22.7 34.1

Manual Integrations

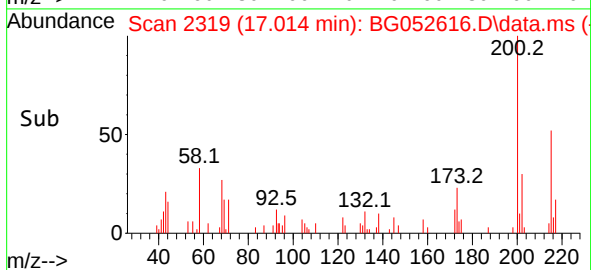
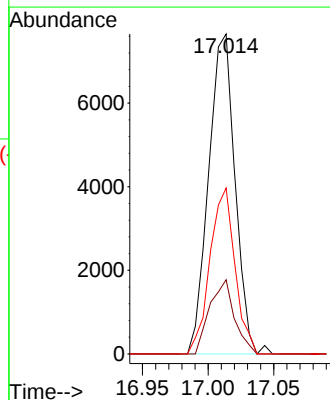
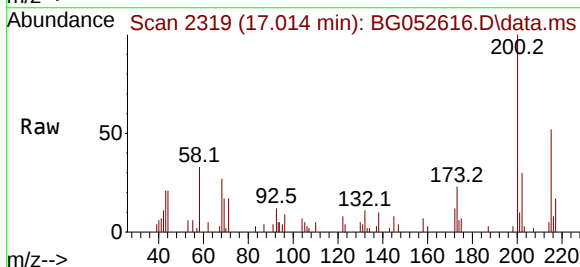
APPROVED

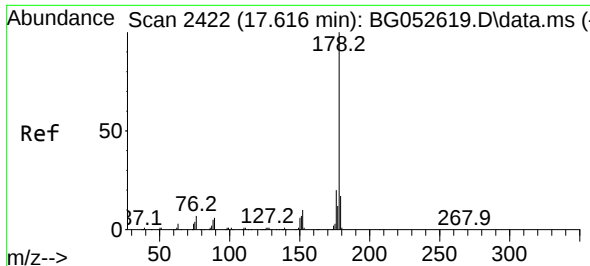
Reviewed By :Christian Giraldo 03/10/2022  
Supervised By :Jagrut Upadhyay 03/10/2022



#69  
Atrazine  
Concen: 5.253 ng  
RT: 17.014 min Scan# 2319  
Delta R.T. 0.003 min  
Lab File: BG052616.D  
Acq: 9 Mar 2022 17:45

Tgt Ion:200 Resp: 10728  
Ion Ratio Lower Upper  
200 100  
173 23.2 3.8 43.8  
215 51.9 26.3 66.3





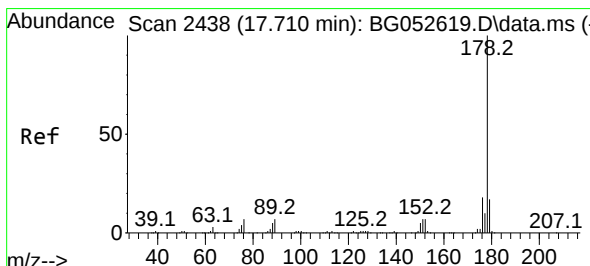
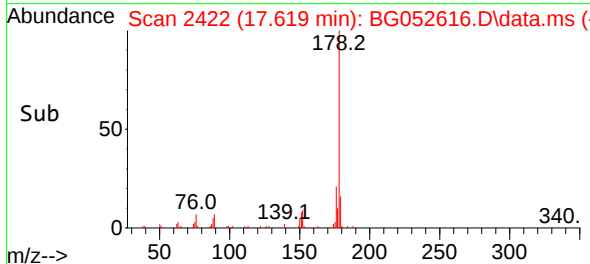
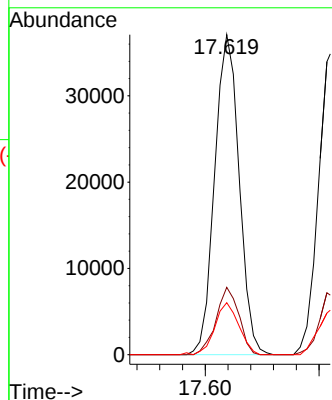
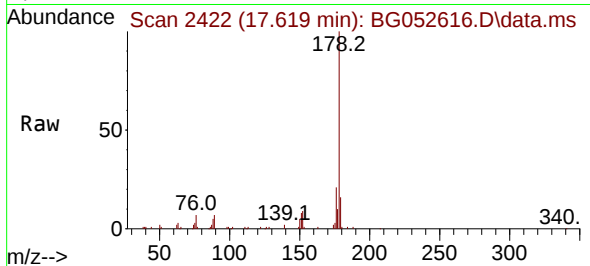
#71  
Phenanthrene  
Concen: 5.333 ng  
RT: 17.619 min Scan# 2422  
Delta R.T. 0.003 min  
Lab File: BG052616.D  
Acq: 9 Mar 2022 17:45

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005

Tgt Ion:178 Resp: 55312  
Ion Ratio Lower Upper  
178 100  
176 21.0 15.9 23.9  
179 16.3 13.4 20.2

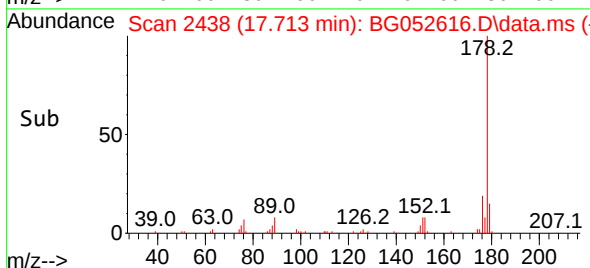
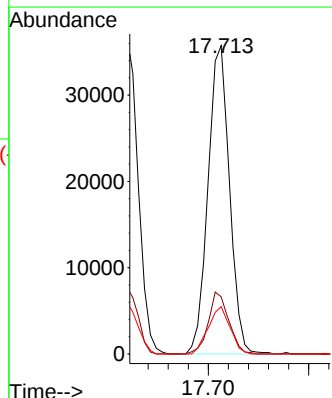
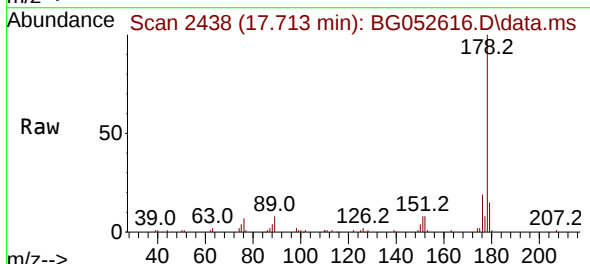
Manual Integrations  
APPROVED

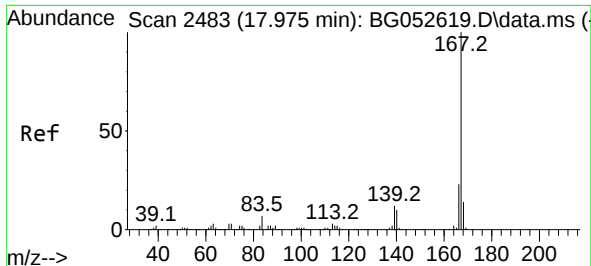
Reviewed By :Christian Giraldo 03/10/2022  
Supervised By :Jagrut Upadhyay 03/10/2022



#72  
Anthracene  
Concen: 5.242 ng  
RT: 17.713 min Scan# 2438  
Delta R.T. 0.003 min  
Lab File: BG052616.D  
Acq: 9 Mar 2022 17:45

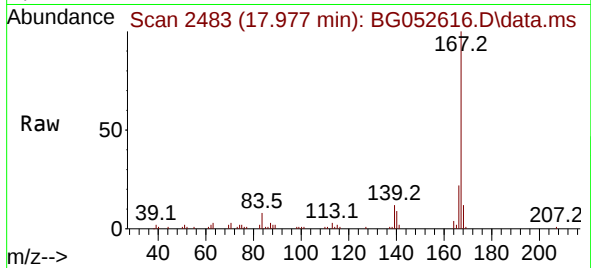
Tgt Ion:178 Resp: 53222  
Ion Ratio Lower Upper  
178 100  
176 18.5 14.7 22.1  
179 15.4 13.2 19.8





#73  
 Carbazole  
 Concen: 5.207 ng  
 RT: 17.977 min Scan# 2483  
 Delta R.T. 0.003 min  
 Lab File: BG052616.D  
 Acq: 9 Mar 2022 17:45

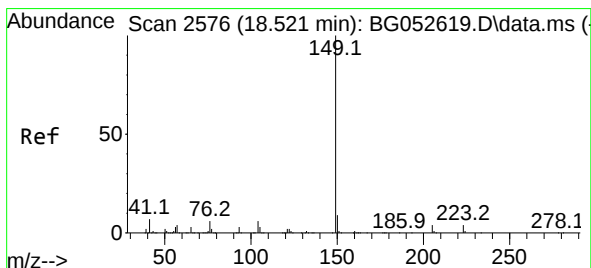
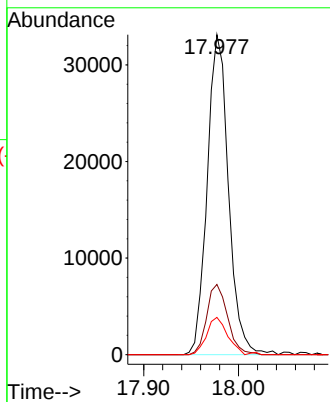
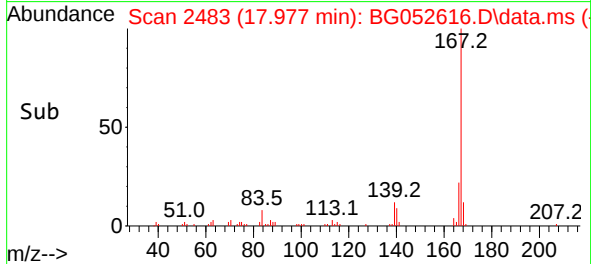
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC005



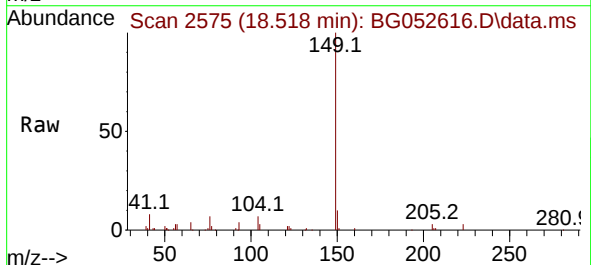
Tgt Ion:167 Resp: 5174  
 Ion Ratio Lower Upper  
 167 100  
 166 21.9 18.5 27.7  
 139 11.7 10.0 15.0

Manual Integrations  
 APPROVED

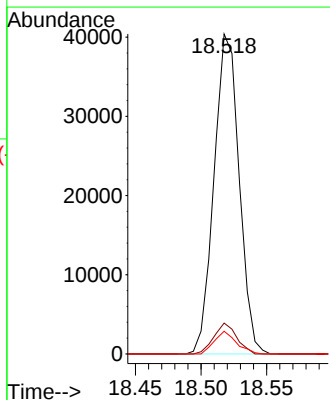
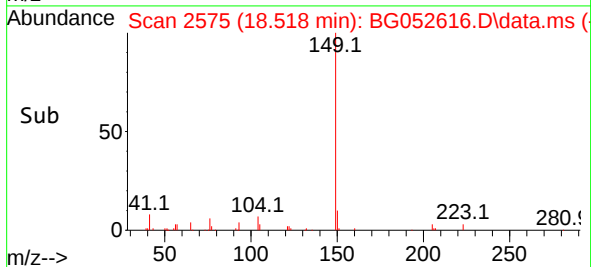
Reviewed By :Christian Giraldo 03/10/2022  
 Supervised By :Jagrut Upadhyay 03/10/2022

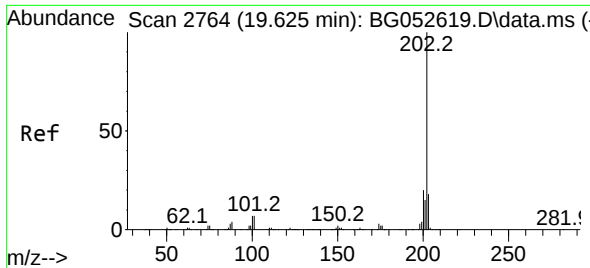


#74  
 Di-n-butylphthalate  
 Concen: 4.948 ng  
 RT: 18.518 min Scan# 2575  
 Delta R.T. -0.003 min  
 Lab File: BG052616.D  
 Acq: 9 Mar 2022 17:45



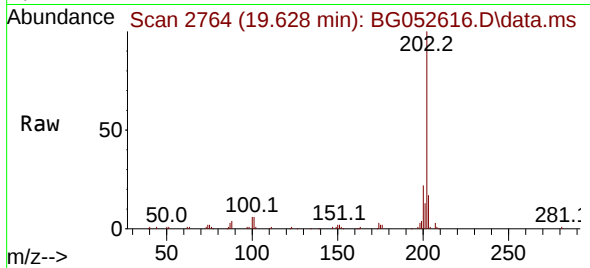
Tgt Ion:149 Resp: 53663  
 Ion Ratio Lower Upper  
 149 100  
 150 9.6 7.0 10.6  
 104 7.1 4.6 7.0#





#75  
Fluoranthene  
Concen: 5.344 ng  
RT: 19.628 min Scan# 21  
Delta R.T. 0.003 min  
Lab File: BG052616.D  
Acq: 9 Mar 2022 17:45

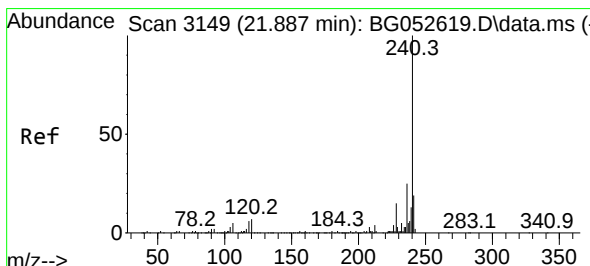
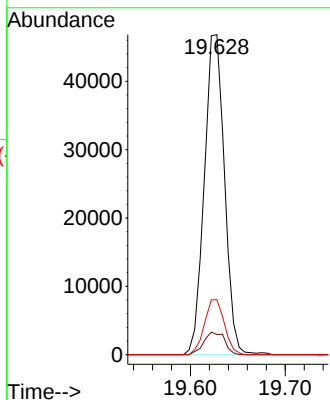
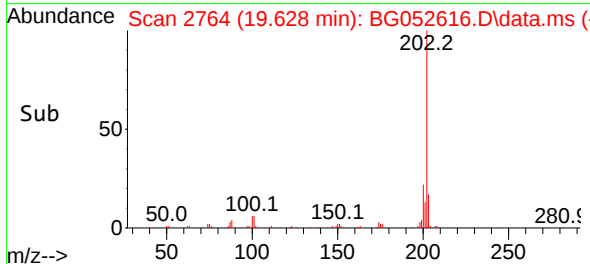
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



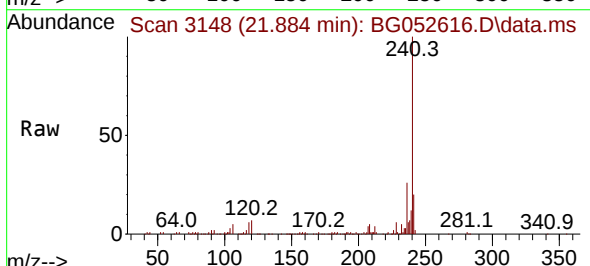
Tgt Ion:202 Resp: 6921  
Ion Ratio Lower Upper  
202 100  
101 6.3 0.0 27.3  
203 17.2 0.0 37.7

Manual Integrations  
APPROVED

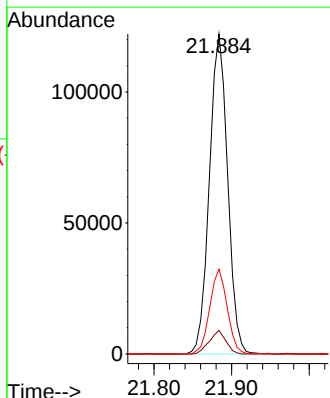
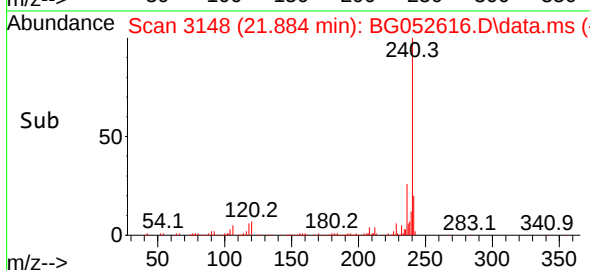
Reviewed By :Christian Giraldo 03/10/2022  
Supervised By :Jagrut Upadhyay 03/10/2022

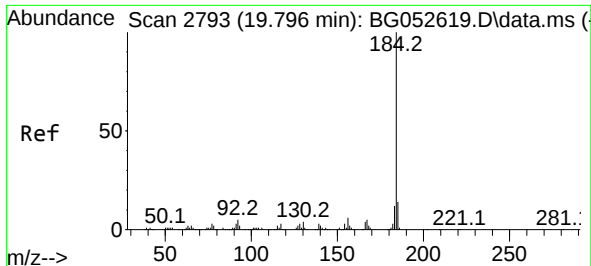


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.884 min Scan# 3148  
Delta R.T. -0.003 min  
Lab File: BG052616.D  
Acq: 9 Mar 2022 17:45



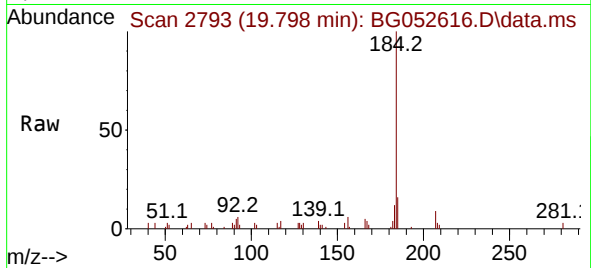
Tgt Ion:240 Resp: 199620  
Ion Ratio Lower Upper  
240 100  
120 7.3 5.4 8.0  
236 26.5 19.8 29.6





#77  
Benzidine  
Concen: 5.715 ng  
RT: 19.798 min Scan# 2793  
Delta R.T. 0.003 min  
Lab File: BG052616.D  
Acq: 9 Mar 2022 17:45

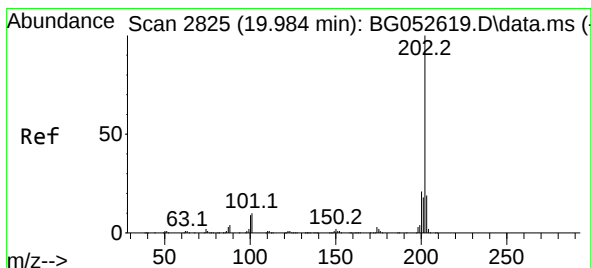
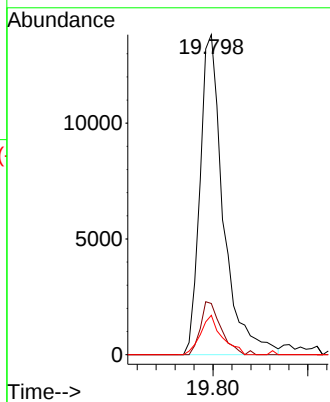
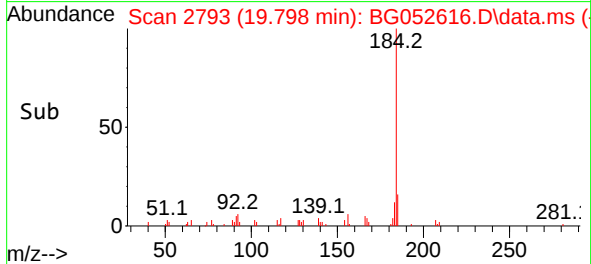
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



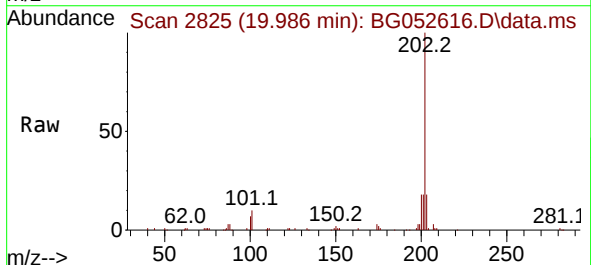
Tgt Ion:184 Resp: 2366  
Ion Ratio Lower Upper  
184 100  
185 16.0 11.5 17.3  
183 12.3 9.4 14.2

Manual Integrations  
APPROVED

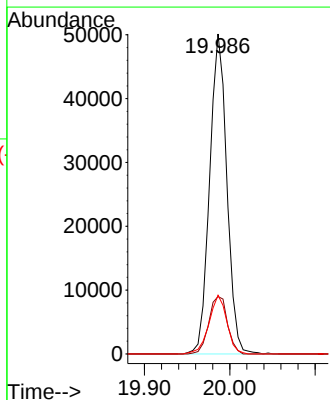
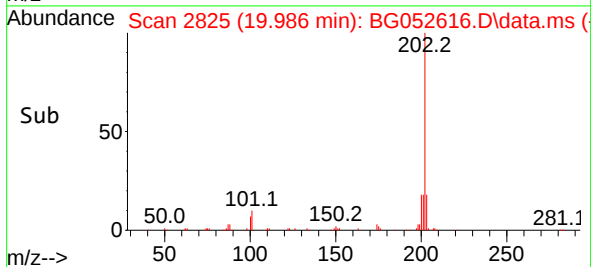
Reviewed By :Christian Giraldo 03/10/2022  
Supervised By :Jagrut Upadhyay 03/10/2022

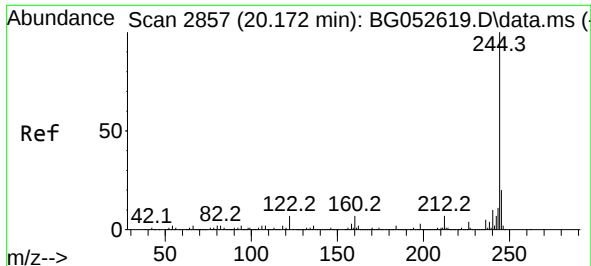


#78  
Pyrene  
Concen: 5.283 ng  
RT: 19.986 min Scan# 2825  
Delta R.T. 0.003 min  
Lab File: BG052616.D  
Acq: 9 Mar 2022 17:45



Tgt Ion:202 Resp: 70487  
Ion Ratio Lower Upper  
202 100  
200 18.0 17.0 25.6  
203 18.4 15.0 22.6





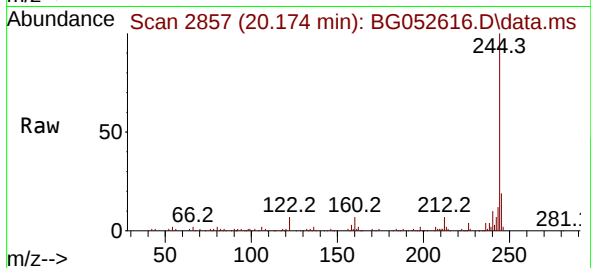
#79  
 Terphenyl-d14  
 Concen: 11.002 ng  
 RT: 20.174 min Scan# 2857  
 Delta R.T. 0.003 min  
 Lab File: BG052616.D  
 Acq: 9 Mar 2022 17:45

Instrument :

BNA\_G

ClientSampleId :

SSTDICC005

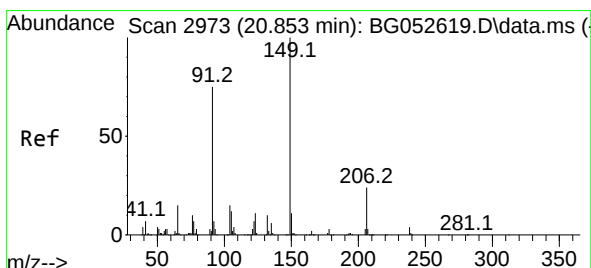
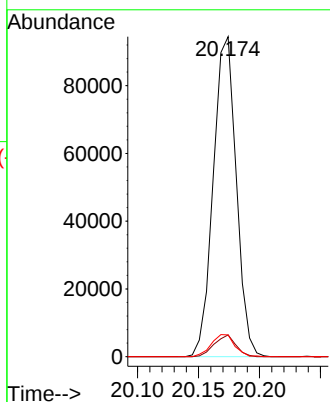
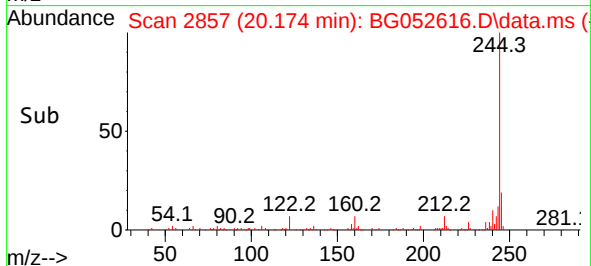


Tgt Ion:244 Resp: 124109  
 Ion Ratio Lower Upper  
 244 100  
 212 6.8 5.4 8.2  
 122 6.8 5.8 8.6

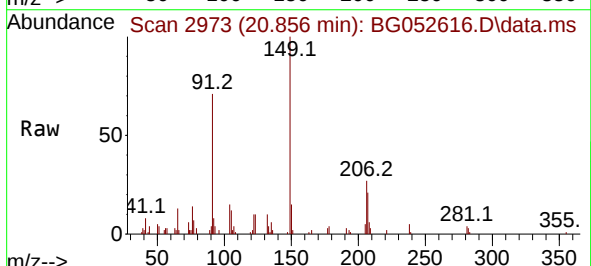
Manual Integrations

APPROVED

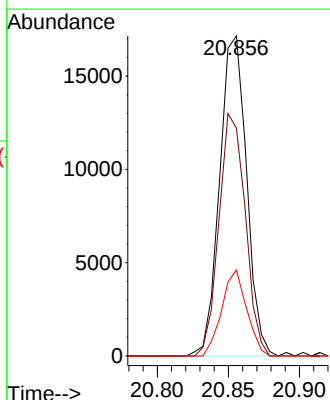
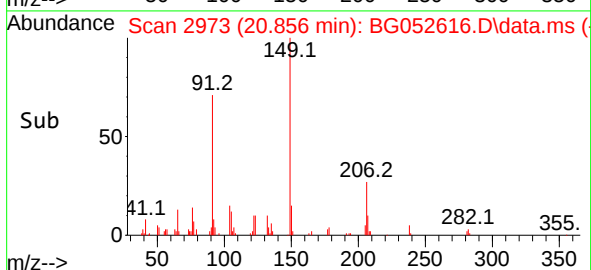
Reviewed By :Christian Giraldo 03/10/2022  
 Supervised By :Jagrut Upadhyay 03/10/2022

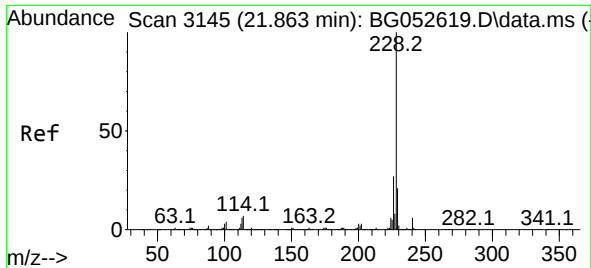


#80  
 Butylbenzylphthalate  
 Concen: 4.657 ng  
 RT: 20.856 min Scan# 2973  
 Delta R.T. 0.003 min  
 Lab File: BG052616.D  
 Acq: 9 Mar 2022 17:45



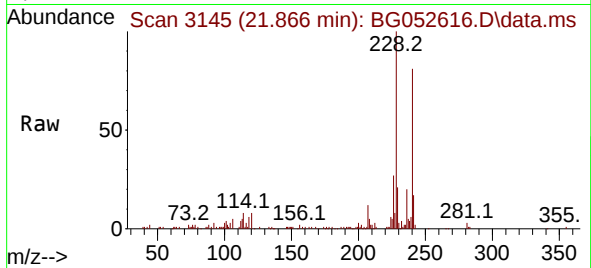
Tgt Ion:149 Resp: 22599  
 Ion Ratio Lower Upper  
 149 100  
 91 71.2 60.2 90.4  
 206 26.9 19.4 29.2





#81  
Benzo(a)anthracene  
Concen: 5.334 ng  
RT: 21.866 min Scan# 3145  
Delta R.T. 0.003 min  
Lab File: BG052616.D  
Acq: 9 Mar 2022 17:45

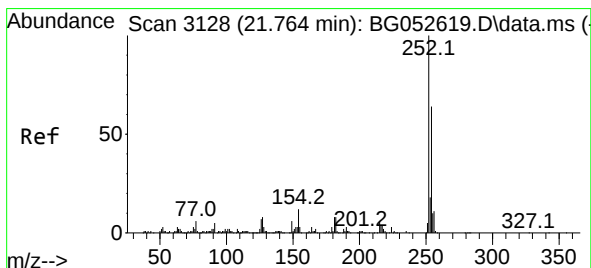
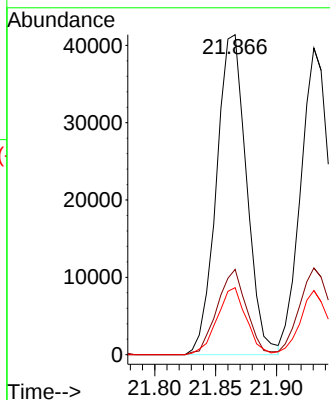
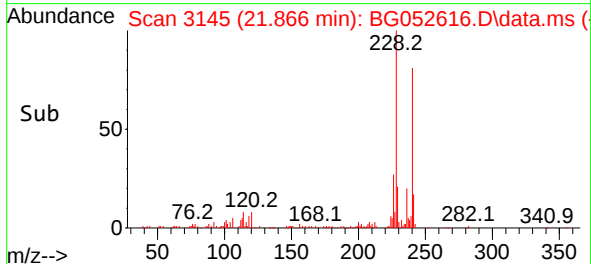
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



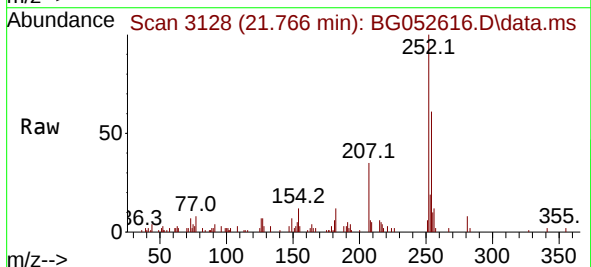
Tgt Ion:228 Resp: 7133  
Ion Ratio Lower Upper  
228 100  
226 26.6 21.4 32.0  
229 21.0 16.7 25.1

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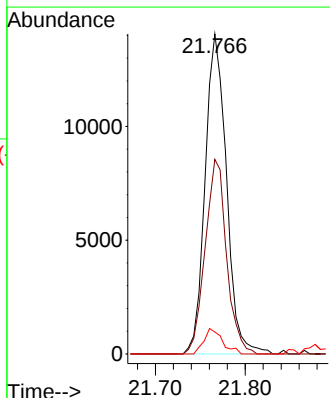
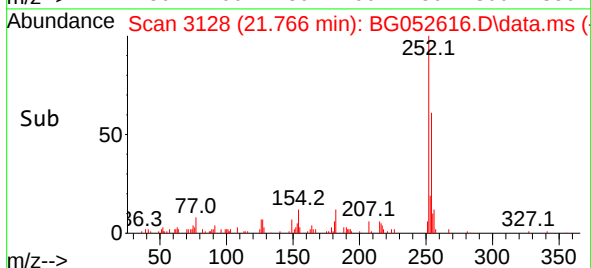
Reviewed By :Christian Giraldo 03/10/2022  
Supervised By :Jagrut Upadhyay 03/10/2022

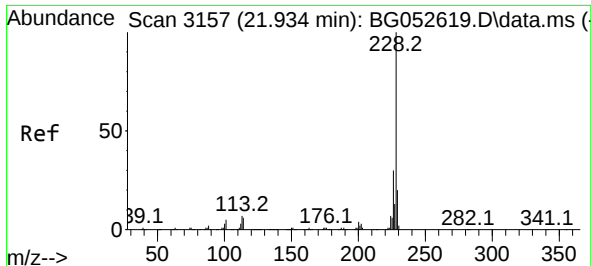


#82  
3,3'-Dichlorobenzidine  
Concen: 4.989 ng  
RT: 21.766 min Scan# 3128  
Delta R.T. 0.003 min  
Lab File: BG052616.D  
Acq: 9 Mar 2022 17:45



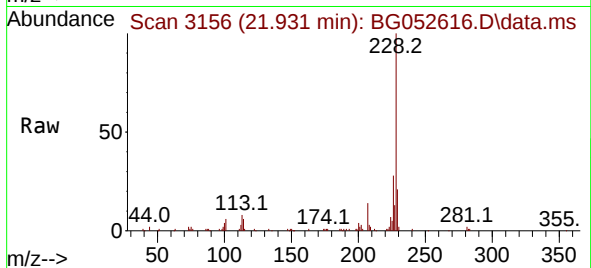
Tgt Ion:252 Resp: 23176  
Ion Ratio Lower Upper  
252 100  
254 60.8 51.2 76.8  
126 6.8 5.8 8.8





#83  
Chrysene  
Concen: 5.337 ng  
RT: 21.931 min Scan# 3157  
Delta R.T. -0.003 min  
Lab File: BG052616.D  
Acq: 9 Mar 2022 17:45

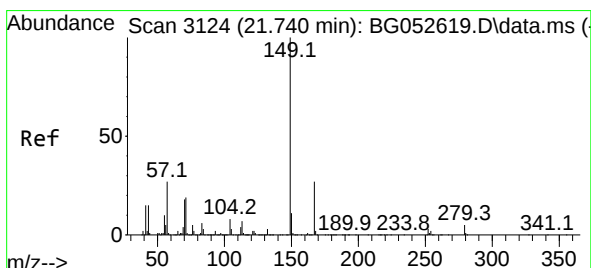
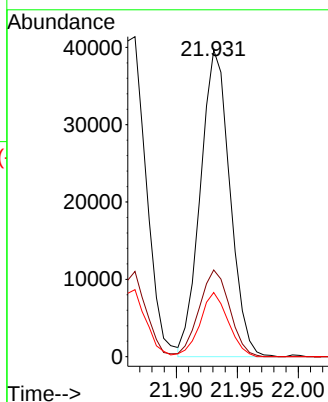
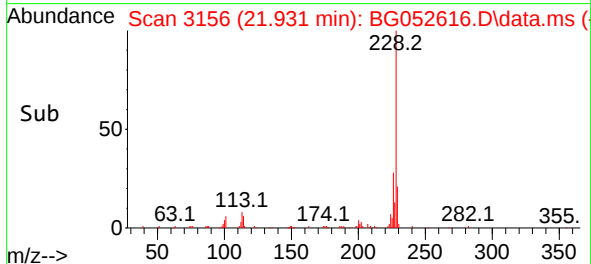
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



Tgt Ion:228 Resp: 6674  
Ion Ratio Lower Upper  
228 100  
226 28.3 24.2 36.4  
229 20.9 16.3 24.5

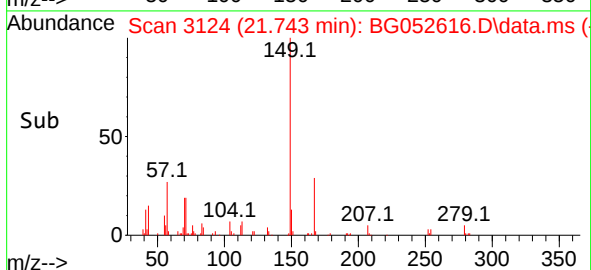
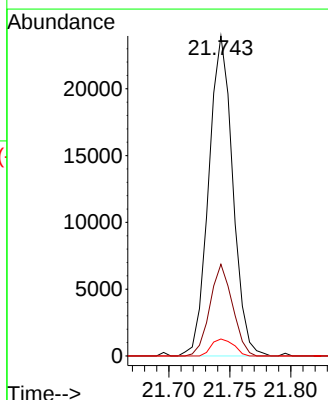
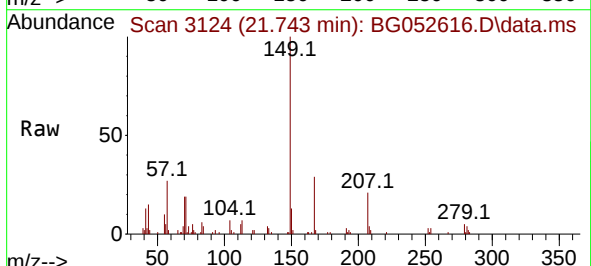
Manual Integrations  
APPROVED

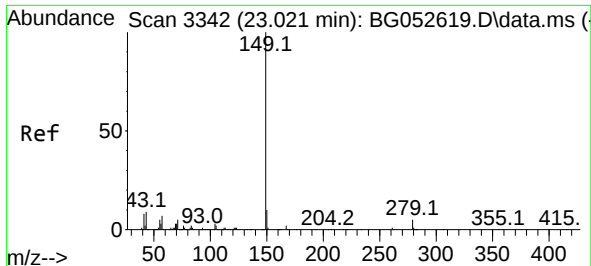
Reviewed By :Christian Giraldo 03/10/2022  
Supervised By :Jagrut Upadhyay 03/10/2022



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 4.853 ng  
RT: 21.743 min Scan# 3124  
Delta R.T. 0.003 min  
Lab File: BG052616.D  
Acq: 9 Mar 2022 17:45

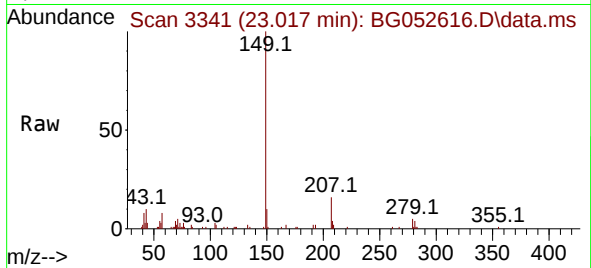
Tgt Ion:149 Resp: 32916  
Ion Ratio Lower Upper  
149 100  
167 28.7 21.4 32.2  
279 5.3 3.8 5.8





#85  
Di-n-octyl phthalate  
Concen: 4.721 ng  
RT: 23.017 min Scan# 3342  
Delta R.T. -0.003 min  
Lab File: BG052616.D  
Acq: 9 Mar 2022 17:45

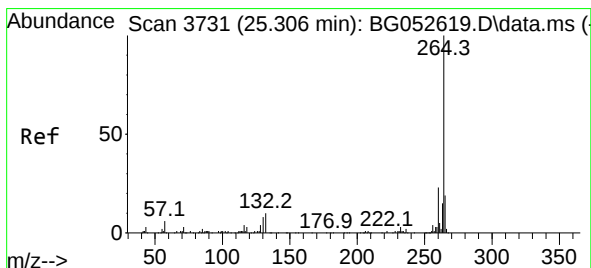
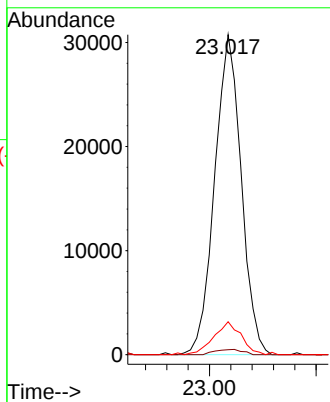
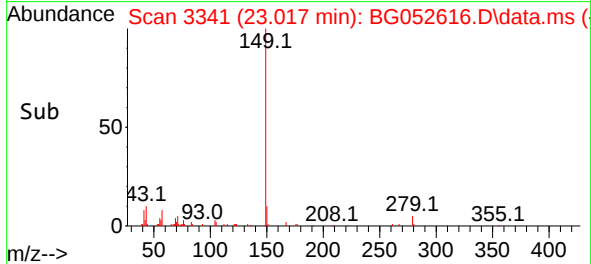
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



Tgt Ion:149 Resp: 53090  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.2 1.8  
43 10.8 7.6 11.4

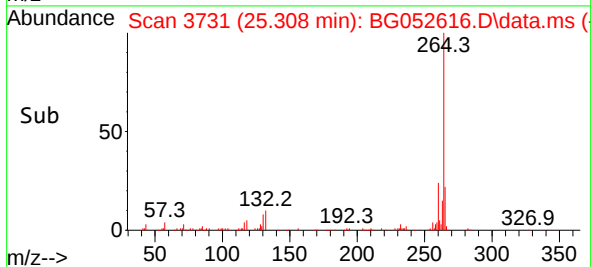
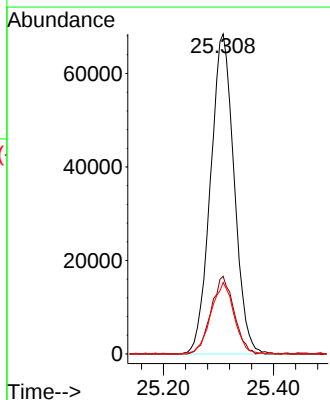
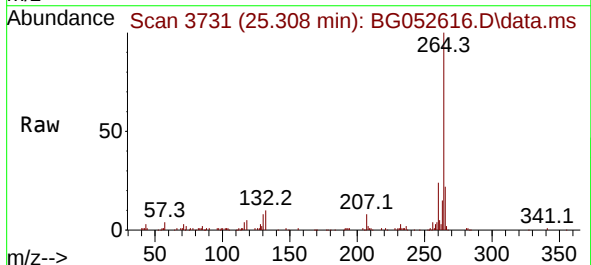
Manual Integrations  
APPROVED

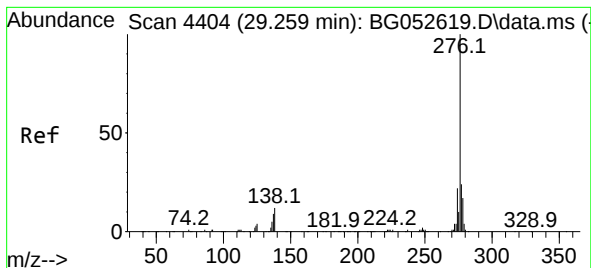
Reviewed By :Christian Giraldo 03/10/2022  
Supervised By :Jagrut Upadhyay 03/10/2022



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.308 min Scan# 3731  
Delta R.T. 0.003 min  
Lab File: BG052616.D  
Acq: 9 Mar 2022 17:45

Tgt Ion:264 Resp: 203792  
Ion Ratio Lower Upper  
264 100  
260 24.2 18.2 27.2  
265 22.4 15.1 22.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 5.137 ng

RT: 29.250 min Scan# 4404

Delta R.T. -0.009 min

Lab File: BG052616.D

Acq: 9 Mar 2022 17:45

Instrument :

BNA\_G

ClientSampleId :

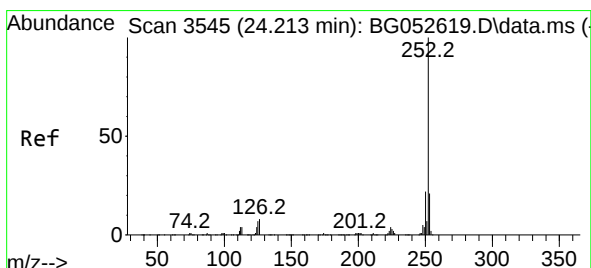
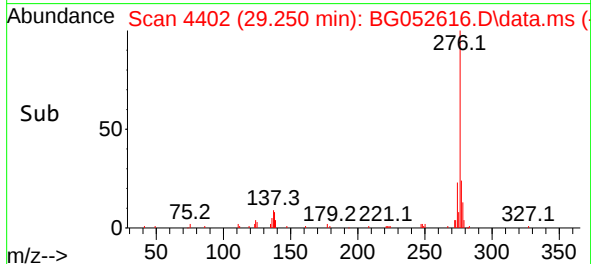
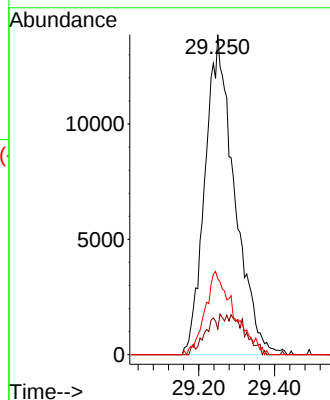
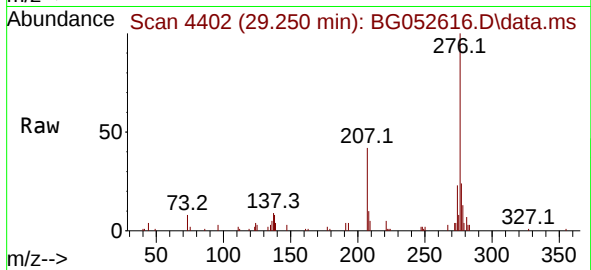
SSTDICC005

Tgt Ion:276 Resp: 7502  
 Ion Ratio Lower Upper  
 276 100  
 138 0.7 8.7 13.1  
 277 25.6 20.2 30.4

Manual Integrations

APPROVED

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



#88

Benzo(b)fluoranthene

Concen: 5.118 ng m

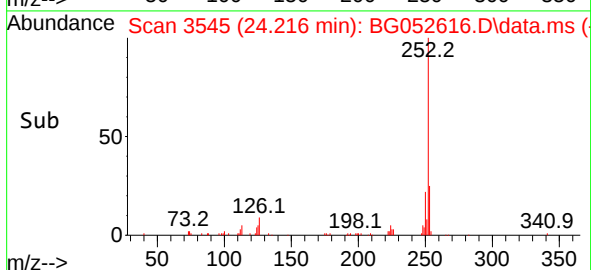
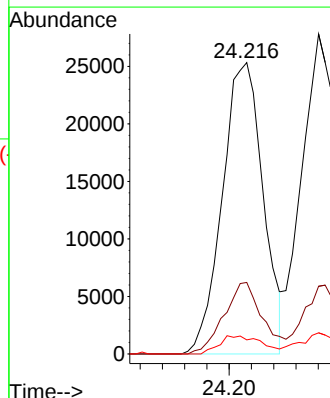
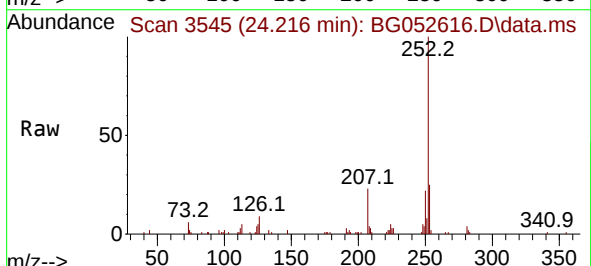
RT: 24.216 min Scan# 3545

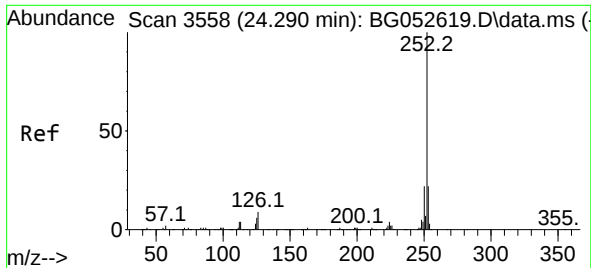
Delta R.T. 0.003 min

Lab File: BG052616.D

Acq: 9 Mar 2022 17:45

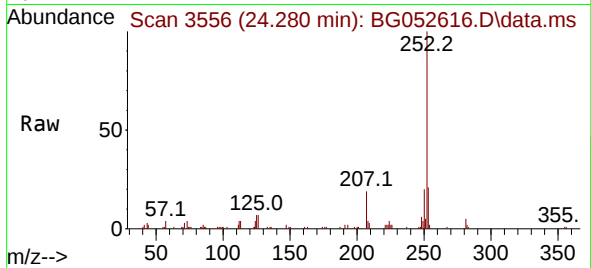
Tgt Ion:252 Resp: 64395  
 Ion Ratio Lower Upper  
 252 100  
 253 24.5 17.2 25.8  
 125 4.8 5.2 7.8





#89  
Benzo(k)fluoranthene  
Concen: 5.218 ng  
RT: 24.280 min Scan# 31  
Delta R.T. -0.009 min  
Lab File: BG052616.D  
Acq: 9 Mar 2022 17:45

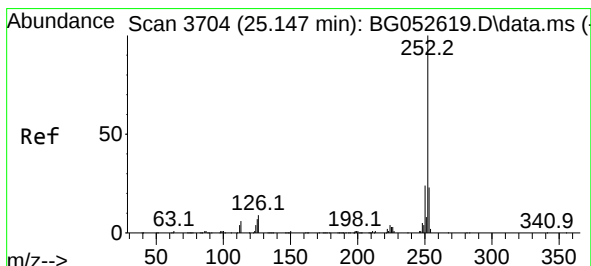
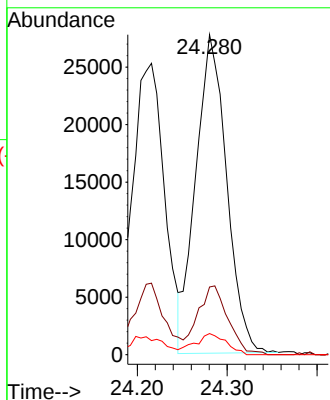
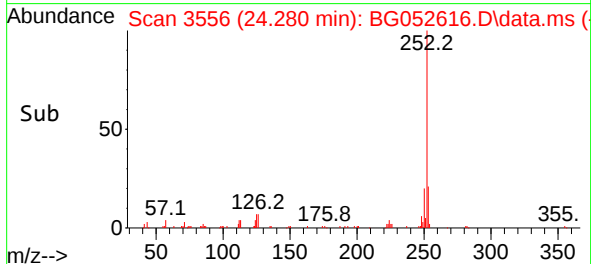
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



Tgt Ion:252 Resp: 66029  
Ion Ratio Lower Upper  
252 100  
253 21.1 17.4 26.0  
125 6.6 5.0 7.4

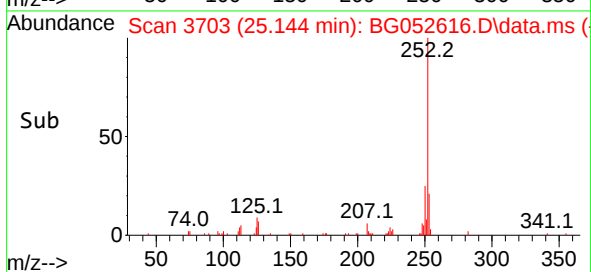
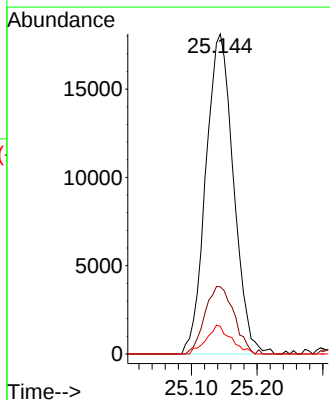
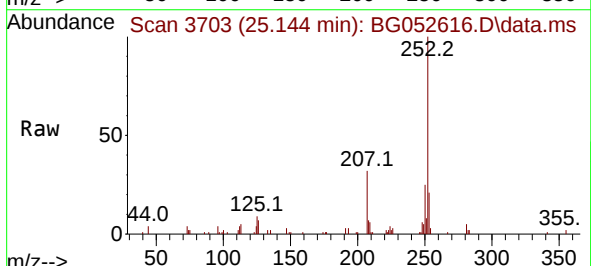
Manual Integrations  
APPROVED

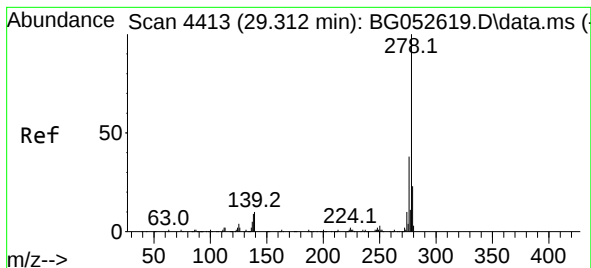
Reviewed By :Christian Giraldo 03/10/2022  
Supervised By :Jagrut Upadhyay 03/10/2022



#90  
Benzo(a)pyrene  
Concen: 4.980 ng  
RT: 25.144 min Scan# 3703  
Delta R.T. -0.003 min  
Lab File: BG052616.D  
Acq: 9 Mar 2022 17:45

Tgt Ion:252 Resp: 53018  
Ion Ratio Lower Upper  
252 100  
253 21.0 18.4 27.6  
125 8.6 5.6 8.4#





#91

Dibenzo(a,h)anthracene

Concen: 5.176 ng

RT: 29.315 min Scan# 4413

Delta R.T. 0.003 min

Lab File: BG052616.D

Acq: 9 Mar 2022 17:45

Instrument :

BNA\_G

ClientSampleId :

SSTDICC005

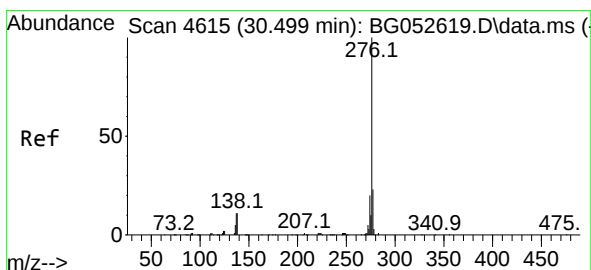
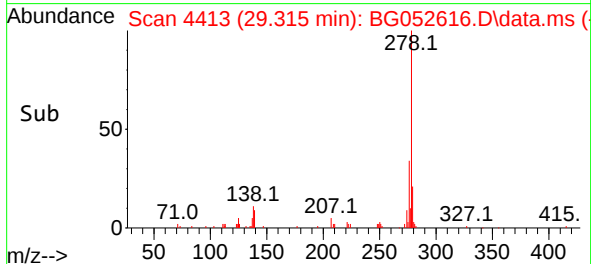
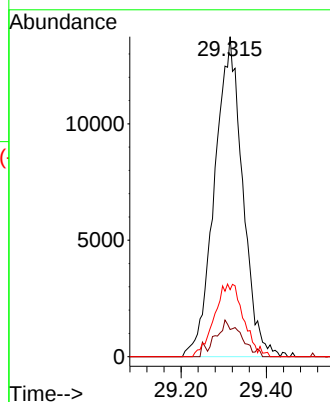
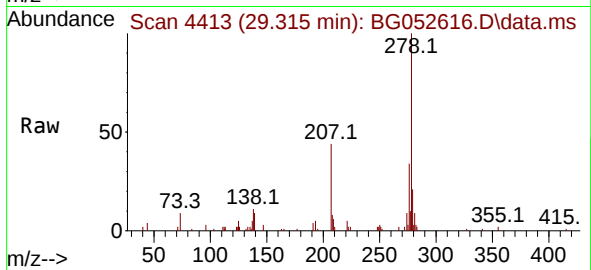
Tgt Ion:278 Resp: 62724  
 Ion Ratio Lower Upper  
 278 100  
 139 8.5 7.8 11.6  
 279 20.9 18.5 27.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/10/2022

Supervised By :Jagrut Upadhyay 03/10/2022



#92

Benzo(g,h,i)perylene

Concen: 5.076 ng

RT: 30.478 min Scan# 4611

Delta R.T. -0.021 min

Lab File: BG052616.D

Acq: 9 Mar 2022 17:45

Tgt Ion:276 Resp: 60039  
 Ion Ratio Lower Upper  
 276 100  
 277 21.0 18.2 27.2  
 138 12.0 9.1 13.7

