

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG042022\  
 Data File : BG053224.D  
 Acq On : 20 Apr 2022 20:31  
 Operator : CG/JU  
 Sample : N2467-01MSD  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 KR-1MSD

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 04/21/2022  
 Supervised By :mohammad ahmed 04/26/2022

Quant Time: Apr 21 06:04:55 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG040822.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Apr 08 15:31:24 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.116  | 152  | 34966    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.924 | 136  | 132079   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10          | 14.737 | 164  | 93958    | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10          | 17.480 | 188  | 214297   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12              | 21.768 | 240  | 202155   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 25.070 | 264  | 208566   | 20.000  | ng    | # 0.00   |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.684  | 112  | 266026   | 130.417 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.282  | 99   | 376843   | 119.800 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.279  | 82   | 259961   | 79.917  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.229 | 330  | 173800   | 116.267 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.362 | 172  | 549078   | 80.581  | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.082 | 244  | 955809   | 79.853  | ng    | -0.01    |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.564  | 88   | 36179    | 37.140  | ng    | 93       |
| 3) Pyridine                   | 3.963  | 79   | 94528    | 36.793  | ng    | # 92     |
| 4) n-Nitrosodimethylamine     | 3.875  | 42   | 58147    | 45.703  | ng    | 87       |
| 6) Aniline                    | 7.435  | 93   | 120808   | 33.139  | ng    | 96       |
| 8) 2-Chlorophenol             | 7.681  | 128  | 105648   | 47.975  | ng    | 96       |
| 9) Benzaldehyde               | 7.247  | 77   | 83133m   | 44.213  | ng    |          |
| 10) Phenol                    | 7.306  | 94   | 143373   | 45.790  | ng    | 91       |
| 11) bis(2-Chloroethyl)ether   | 7.523  | 93   | 100058   | 44.331  | ng    | 94       |
| 12) 1,3-Dichlorobenzene       | 8.005  | 146  | 115340m  | 45.073  | ng    |          |
| 13) 1,4-Dichlorobenzene       | 8.151  | 146  | 114541   | 43.906  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 8.469  | 146  | 111276   | 44.232  | ng    | 97       |
| 15) Benzyl Alcohol            | 8.351  | 79   | 117529   | 42.035  | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.639  | 45   | 159344   | 42.286  | ng    | 100      |
| 17) 2-Methylphenol            | 8.557  | 107  | 95086    | 44.877  | ng    | 96       |
| 18) Hexachloroethane          | 9.203  | 117  | 43569    | 44.536  | ng    | 93       |
| 19) n-Nitroso-di-n-propyla... | 8.915  | 70   | 92159    | 40.018  | ng    | # 94     |
| 20) 3+4-Methylphenols         | 8.886  | 107  | 128260   | 42.881  | ng    | 92       |
| 22) Acetophenone              | 8.939  | 105  | 168028   | 45.856  | ng    | # 97     |
| 24) Nitrobenzene              | 9.320  | 77   | 143653   | 45.402  | ng    | 93       |
| 25) Isophorone                | 9.843  | 82   | 249711   | 45.164  | ng    | 98       |
| 26) 2-Nitrophenol             | 10.031 | 139  | 59896    | 45.271  | ng    | 90       |
| 27) 2,4-Dimethylphenol        | 10.090 | 122  | 97855    | 51.643  | ng    | 95       |
| 28) bis(2-Chloroethoxy)met... | 10.319 | 93   | 134385   | 43.264  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.572 | 162  | 110418   | 46.353  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.789 | 180  | 119681   | 44.391  | ng    | 97       |
| 31) Naphthalene               | 10.977 | 128  | 310795   | 44.105  | ng    | 99       |
| 32) Benzoic acid              | 10.254 | 122  | 59176    | 47.987  | ng    | 93       |
| 33) 4-Chloroaniline           | 11.077 | 127  | 55300    | 18.326  | ng    | 97       |
| 34) Hexachlorobutadiene       | 11.265 | 225  | 87216    | 43.549  | ng    | 97       |
| 35) Caprolactam               | 11.846 | 113  | 34569m   | 41.171  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 12.199 | 107  | 120832   | 43.571  | ng    | 93       |
| 37) 2-Methylnaphthalene       | 12.575 | 142  | 222157   | 42.606  | ng    | 96       |
| 38) 1-Methylnaphthalene       | 12.792 | 142  | 216001   | 42.439  | ng    | 93       |
| 40) 1,2,4,5-Tetrachloroben... | 12.945 | 216  | 146686   | 45.966  | ng    | 97       |
| 41) Hexachlorocyclopentadiene | 12.921 | 237  | 166212   | 100.898 | ng    | 92       |
| 43) 2,4,6-Trichlorophenol     | 13.174 | 196  | 97587    | 44.354  | ng    | 92       |

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Manual Integrations  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Apr 08 15:31:24 2022  
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| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.256 | 196  | 103703   | 44.231 | ng    | 95       |
| 46) 1,1'-Biphenyl             | 13.574 | 154  | 308357   | 45.573 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 13.621 | 162  | 239050   | 44.283 | ng    | 97       |
| 48) 2-Nitroaniline            | 13.814 | 65   | 88239    | 43.072 | ng    | 89       |
| 49) Acenaphthylene            | 14.461 | 152  | 395814   | 46.839 | ng    | 98       |
| 50) Dimethylphthalate         | 14.184 | 163  | 308974   | 41.114 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.308 | 165  | 67150    | 42.831 | ng    | 90       |
| 52) Acenaphthene              | 14.801 | 154  | 283758m  | 49.516 | ng    |          |
| 53) 3-Nitroaniline            | 14.637 | 138  | 41168    | 24.833 | ng    | # 85     |
| 54) 2,4-Dinitrophenol         | 14.848 | 184  | 88150    | 88.366 | ng    | # 89     |
| 55) Dibenzofuran              | 15.136 | 168  | 373599   | 41.635 | ng    | 96       |
| 56) 4-Nitrophenol             | 14.954 | 139  | 110369   | 87.293 | ng    | # 80     |
| 57) 2,4-Dinitrotoluene        | 15.095 | 165  | 95300    | 42.696 | ng    | 90       |
| 58) Fluorene                  | 15.782 | 166  | 304925   | 42.073 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.365 | 232  | 95463    | 41.927 | ng    | 100      |
| 60) Diethylphthalate          | 15.541 | 149  | 310558   | 39.441 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.771 | 204  | 169195   | 41.183 | ng    | 95       |
| 62) 4-Nitroaniline            | 15.800 | 138  | 68603    | 39.217 | ng    | # 78     |
| 63) Azobenzene                | 16.064 | 77   | 318024   | 40.060 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 15.859 | 198  | 62755    | 41.974 | ng    | 98       |
| 66) n-Nitrosodiphenylamine    | 15.988 | 169  | 271509   | 44.058 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 16.663 | 248  | 118334   | 43.095 | ng    | 94       |
| 68) Hexachlorobenzene         | 16.793 | 284  | 133203   | 44.794 | ng    | 95       |
| 69) Atrazine                  | 16.928 | 200  | 114907   | 47.735 | ng    | 96       |
| 70) Pentachlorophenol         | 17.139 | 266  | 148557   | 91.409 | ng    | 90       |
| 71) Phenanthrene              | 17.527 | 178  | 504517   | 43.102 | ng    | 98       |
| 72) Anthracene                | 17.615 | 178  | 505748   | 43.613 | ng    | 99       |
| 73) Carbazole                 | 17.885 | 167  | 463313   | 41.102 | ng    | 98       |
| 74) Di-n-butylphthalate       | 18.432 | 149  | 534232   | 41.788 | ng    | 99       |
| 75) Fluoranthene              | 19.530 | 202  | 642703   | 42.835 | ng    | 99       |
| 77) Benzidine                 | 19.701 | 184  | 278767   | 48.332 | ng    | 99       |
| 78) Pyrene                    | 19.894 | 202  | 633121   | 43.974 | ng    | 98       |
| 80) Butylbenzylphthalate      | 20.770 | 149  | 232283   | 43.275 | ng    | 100      |
| 81) Benzo(a)anthracene        | 21.751 | 228  | 611070   | 44.210 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.657 | 252  | 137660   | 27.081 | ng    | 100      |
| 83) Chrysene                  | 21.815 | 228  | 555350   | 43.293 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.639 | 149  | 317645   | 43.780 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 22.873 | 149  | 540772   | 44.565 | ng    | 96       |
| 87) Indeno(1,2,3-cd)pyrene    | 28.859 | 276  | 668235   | 43.125 | ng    | # 98     |
| 88) Benzo(b)fluoranthene      | 24.018 | 252  | 626806   | 47.632 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 24.089 | 252  | 599114   | 46.324 | ng    | 98       |
| 90) Benzo(a)pyrene            | 24.917 | 252  | 592541   | 52.856 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 28.906 | 278  | 576995   | 45.242 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 30.039 | 276  | 578415   | 46.015 | ng    | 98       |

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

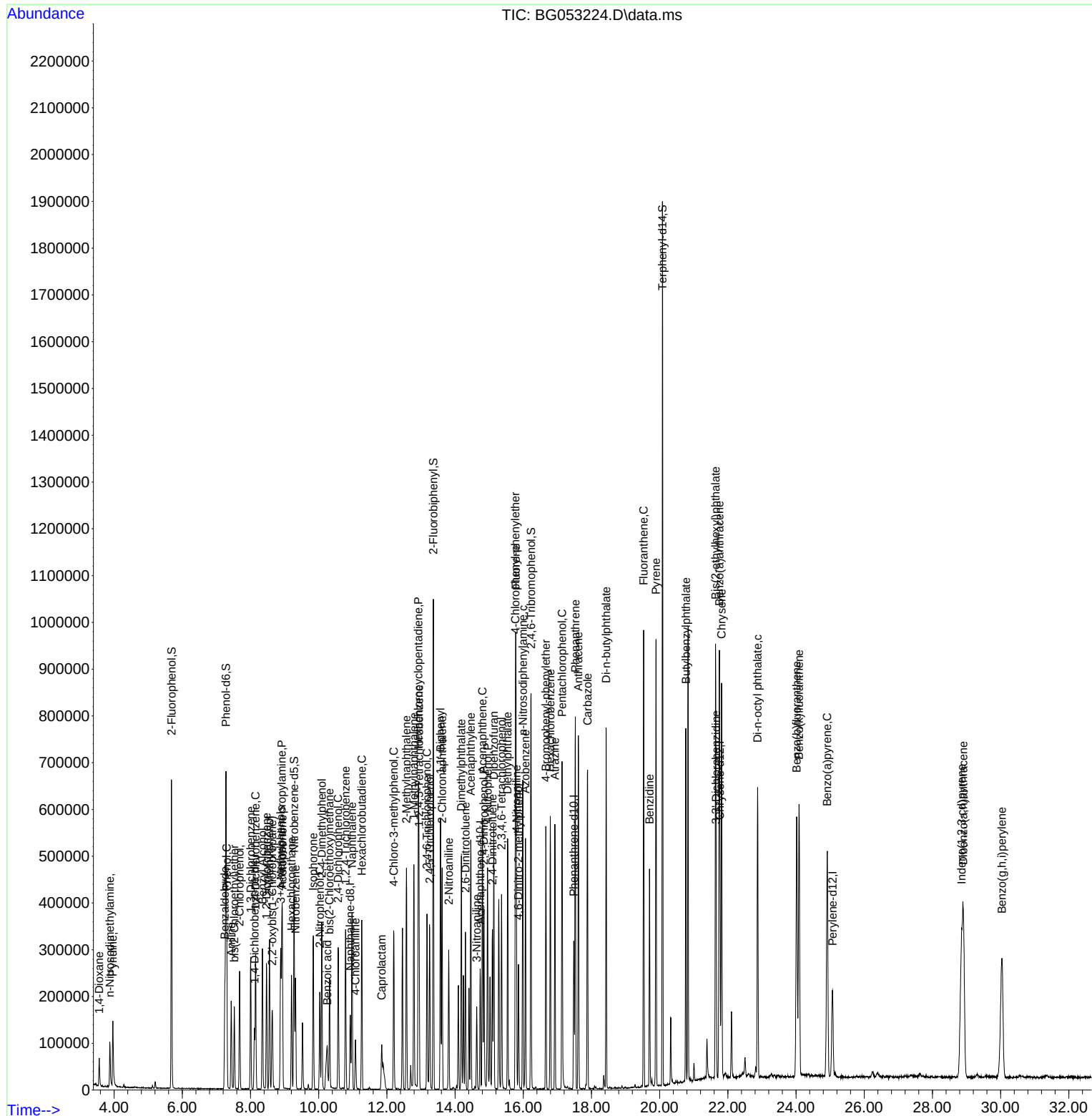
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG042022\  
 Data File : BG053224.D  
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 Sample : N2467-01MSD  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

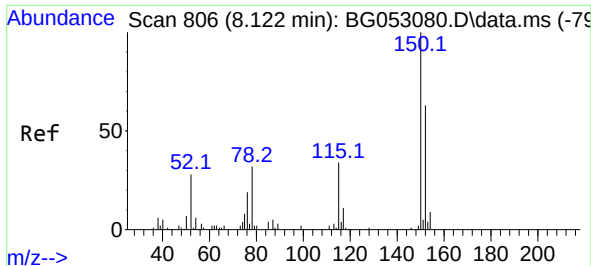
Instrument :  
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### Manual Integrations APPROVED

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 Supervised By :mohammad ahmed 04/26/2022

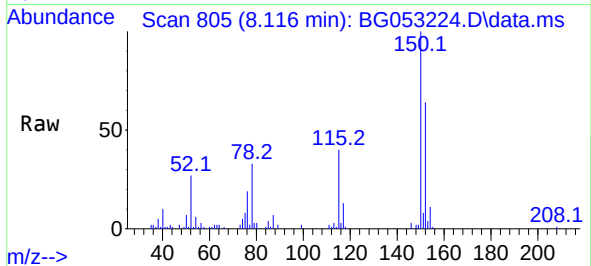
Quant Time: Apr 21 06:04:55 2022  
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#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.116 min Scan# 80  
Delta R.T. -0.006 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31

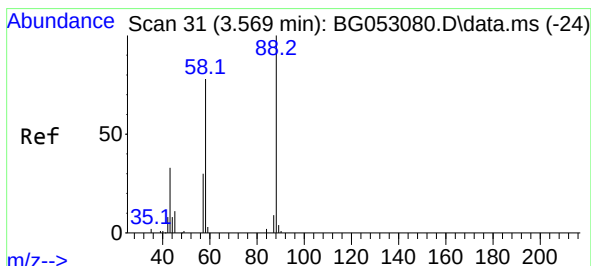
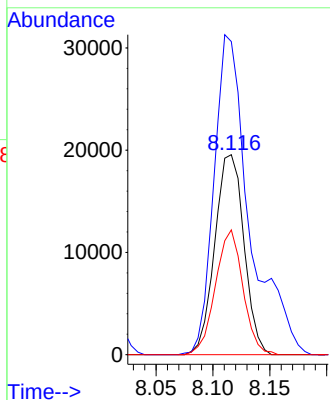
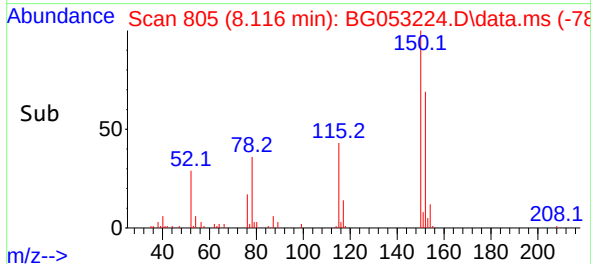
Instrument :  
BNA\_G  
ClientSampleId :  
KR-1MSD



Tgt Ion:152 Resp: 3496  
Ion Ratio Lower Upper  
152 100  
150 156.5 114.6 172.0  
115 62.4 45.9 68.9

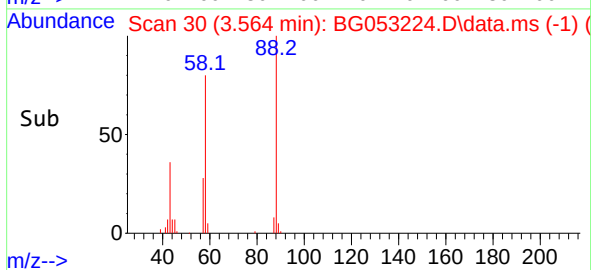
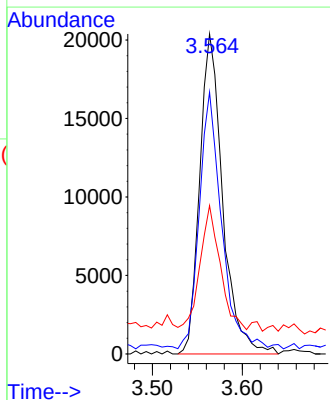
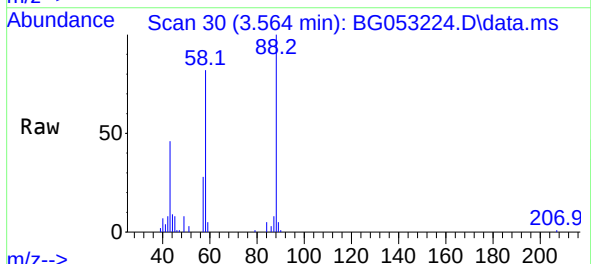
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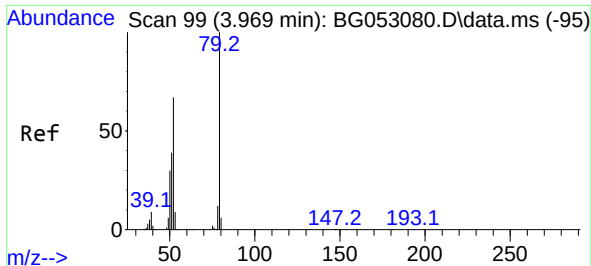
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#2  
1,4-Dioxane  
Concen: 37.140 ng  
RT: 3.564 min Scan# 30  
Delta R.T. -0.006 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31

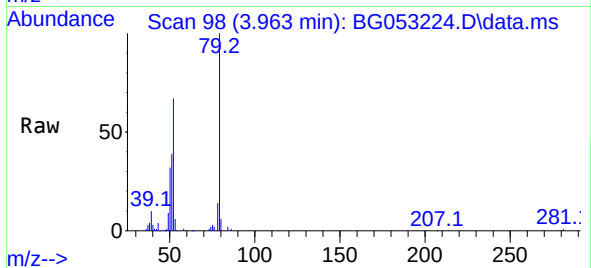
Tgt Ion: 88 Resp: 36179  
Ion Ratio Lower Upper  
88 100  
58 78.1 58.2 87.2  
43 33.9 23.4 35.0





#3  
Pyridine  
Concen: 36.793 ng  
RT: 3.963 min Scan# 90  
Delta R.T. -0.006 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31

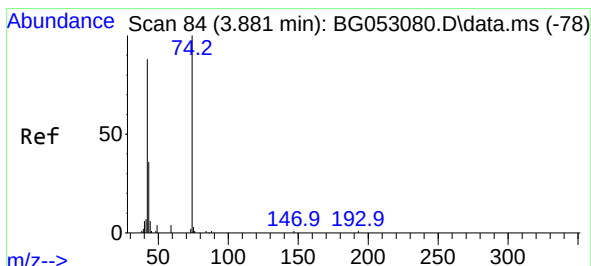
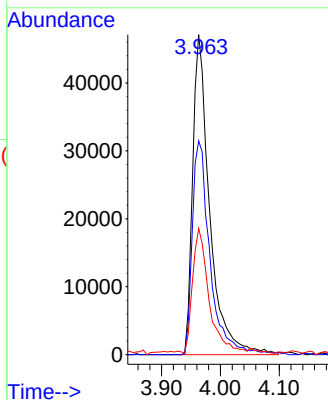
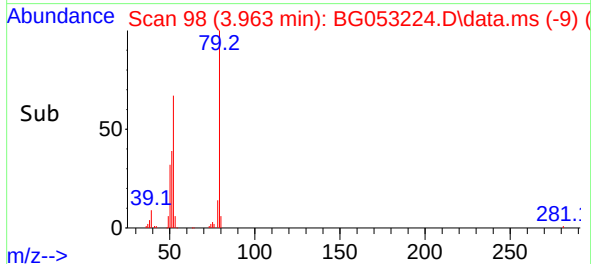
Instrument :  
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ClientSampleId :  
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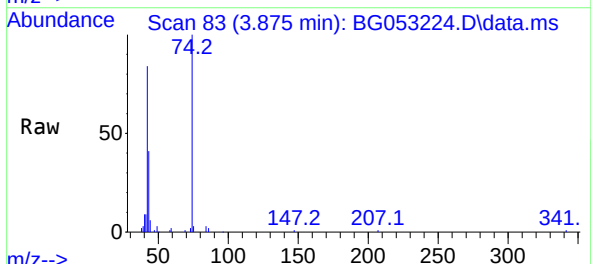
Tgt Ion: 79 Resp: 94528  
Ion Ratio Lower Upper  
79 100  
52 66.8 50.9 76.3  
51 39.5 24.4 36.6

Manual Integrations  
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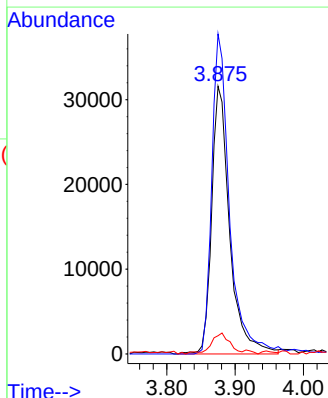
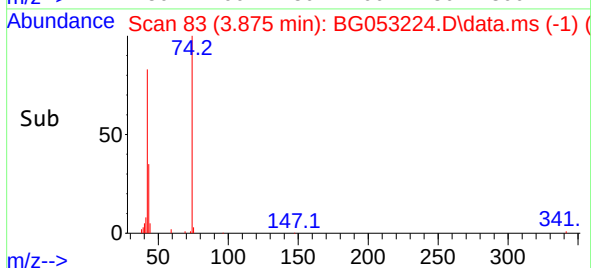
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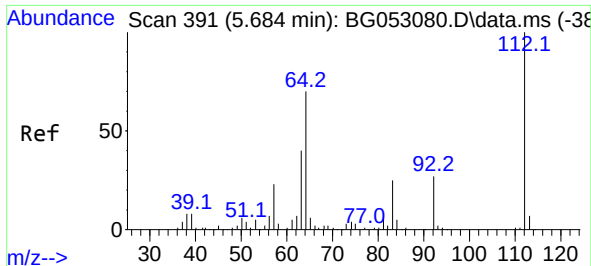


#4  
n-Nitrosodimethylamine  
Concen: 45.703 ng  
RT: 3.875 min Scan# 83  
Delta R.T. -0.006 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31



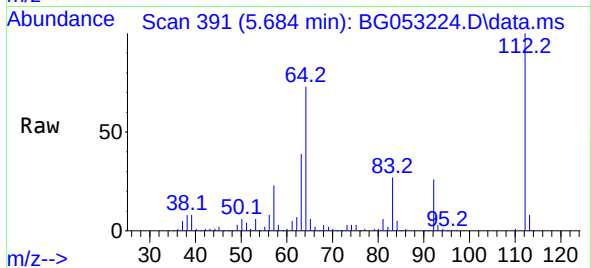
Tgt Ion: 42 Resp: 58147  
Ion Ratio Lower Upper  
42 100  
74 119.5 108.9 163.3  
44 6.8 5.7 8.5





#5  
2-Fluorophenol  
Concen: 130.417 ng  
RT: 5.684 min Scan# 391  
Delta R.T. 0.000 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31

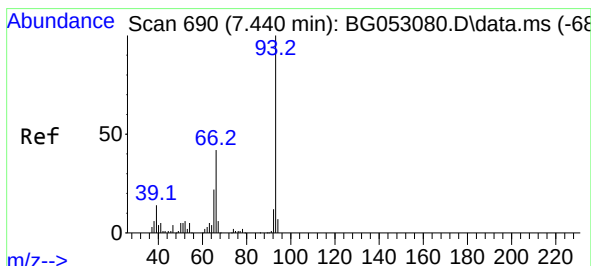
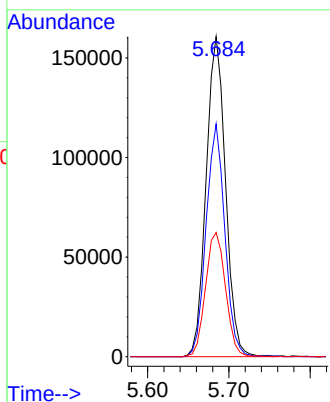
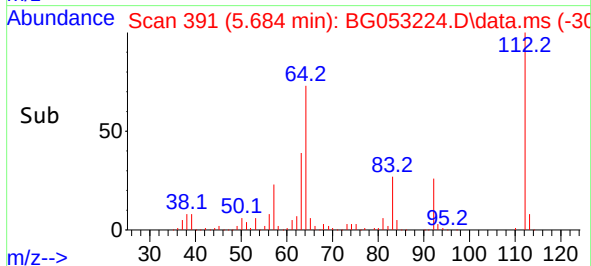
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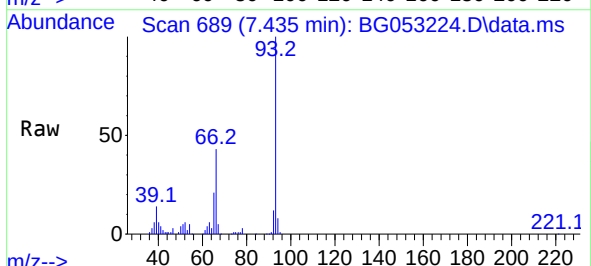
Tgt Ion: 112 Resp: 266020  
Ion Ratio Lower Upper  
112 100  
64 72.7 48.0 72.0  
63 38.8 26.5 39.7

Manual Integrations  
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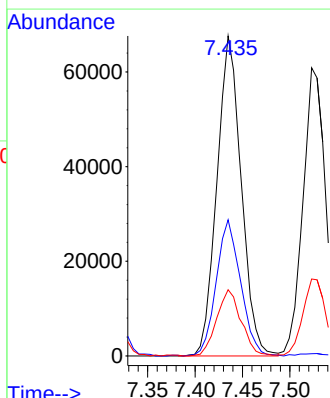
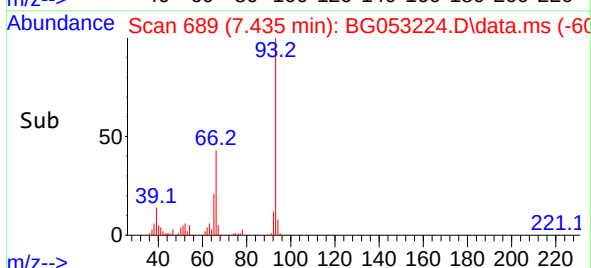
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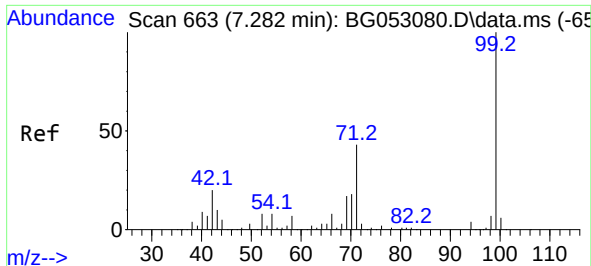


#6  
Aniline  
Concen: 33.139 ng  
RT: 7.435 min Scan# 689  
Delta R.T. -0.006 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31



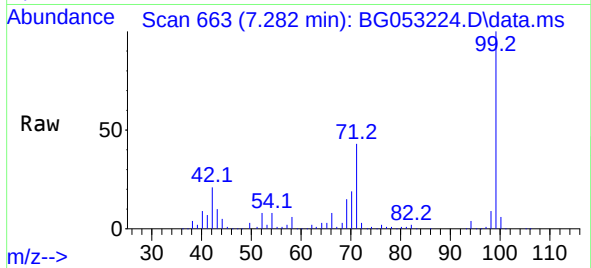
Tgt Ion: 93 Resp: 120808  
Ion Ratio Lower Upper  
93 100  
66 42.6 31.3 46.9  
65 20.7 16.7 25.1





#7  
Phenol-d6  
Concen: 119.800 ng  
RT: 7.282 min Scan# 60  
Delta R.T. 0.000 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31

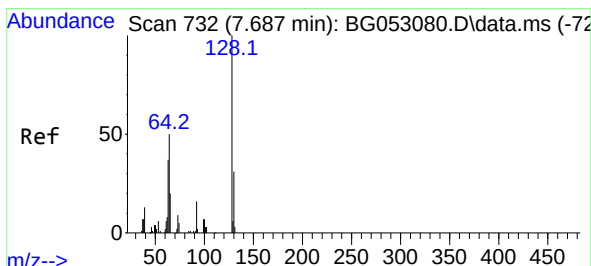
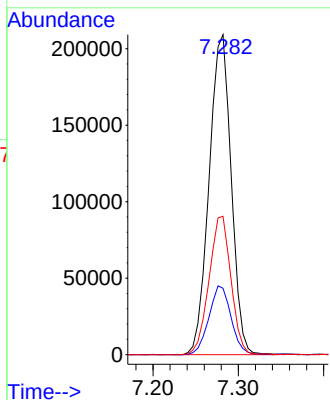
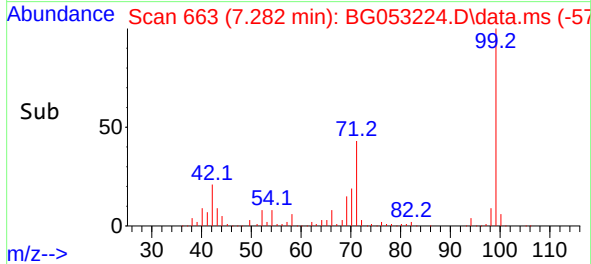
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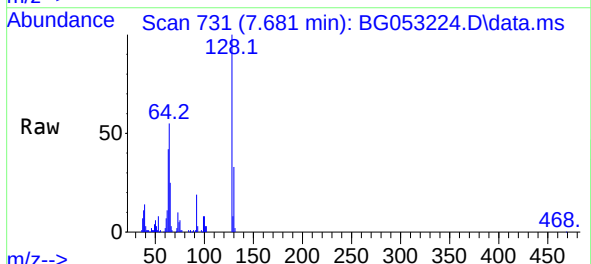
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Ion Ratio Lower Upper  
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42 20.7 14.7 22.1  
71 43.2 29.2 43.8

Manual Integrations  
APPROVED

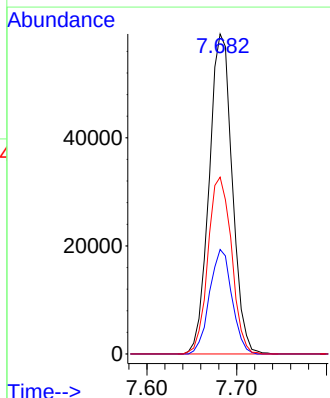
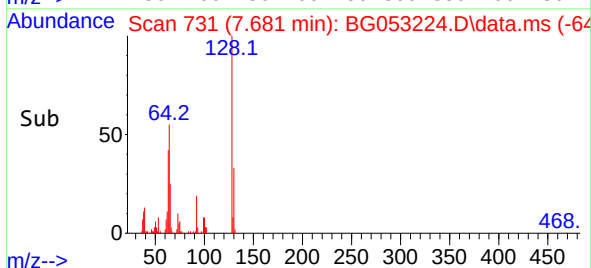
Reviewed By :Jagrut Upadhyay 04/21/2022  
Supervised By :mohammad ahmed 04/26/2022

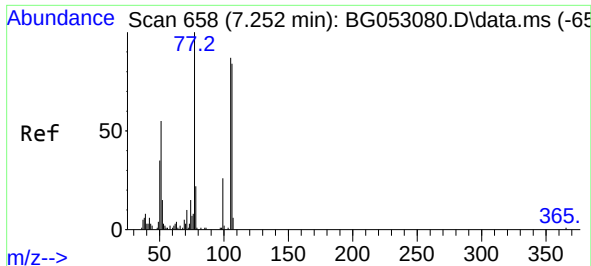


#8  
2-Chlorophenol  
Concen: 47.975 ng  
RT: 7.681 min Scan# 731  
Delta R.T. -0.006 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31



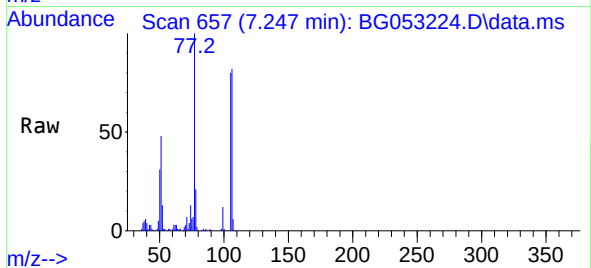
Tgt Ion:128 Resp: 105648  
Ion Ratio Lower Upper  
128 100  
130 32.6 13.4 53.4  
64 55.2 30.9 70.9





#9  
Benzaldehyde  
Concen: 44.213 ng m  
RT: 7.247 min Scan# 658  
Delta R.T. -0.006 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31

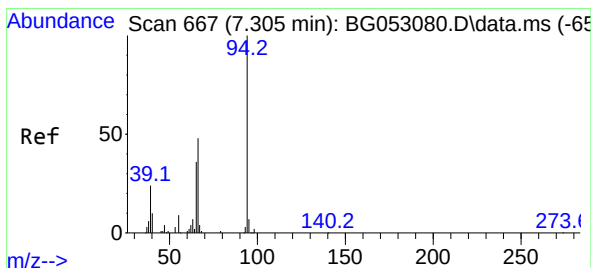
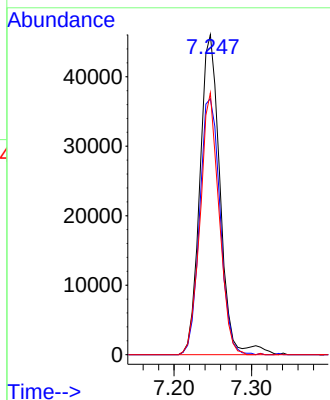
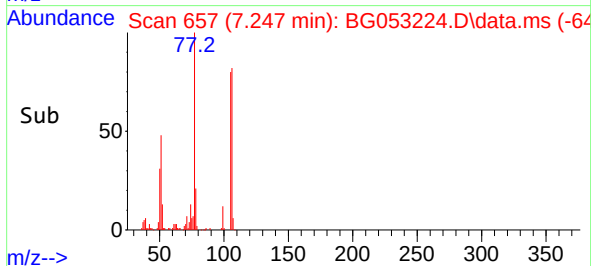
Instrument :  
BNA\_G  
ClientSampleId :  
KR-1MSD



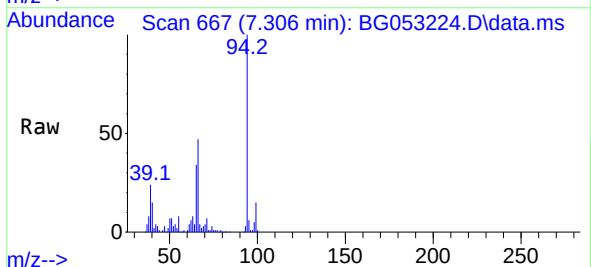
Tgt Ion: 77 Resp: 8313  
Ion Ratio Lower Upper  
77 100  
105 80.0 70.6 110.6  
106 81.8 67.6 107.6

Manual Integrations  
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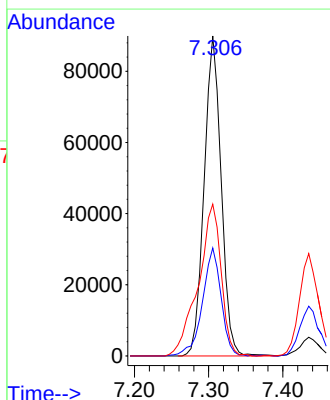
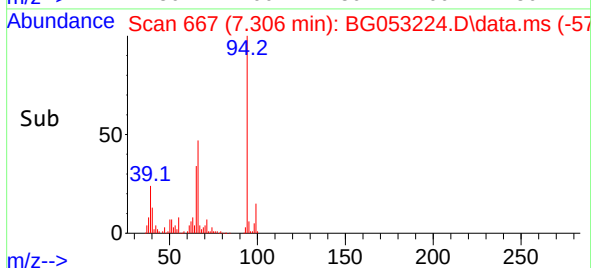
Reviewed By :Jagrut Upadhyay 04/21/2022  
Supervised By :mohammad ahmed 04/26/2022



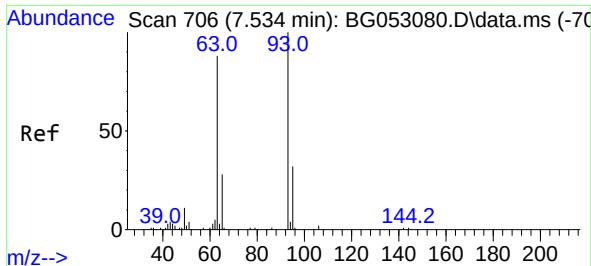
#10  
Phenol  
Concen: 45.790 ng  
RT: 7.306 min Scan# 667  
Delta R.T. 0.000 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31



Tgt Ion: 94 Resp: 143373  
Ion Ratio Lower Upper  
94 100  
65 33.7 11.1 51.1  
66 47.4 20.0 60.0

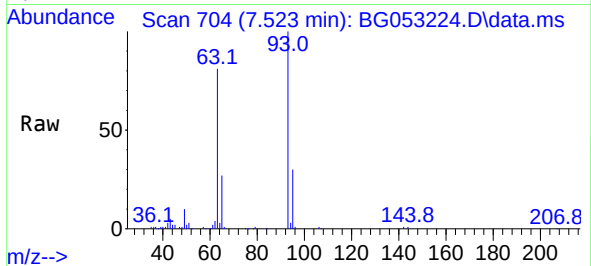






#11  
bis(2-Chloroethyl)ether  
Concen: 44.331 ng  
RT: 7.523 min Scan# 704  
Delta R.T. -0.012 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31

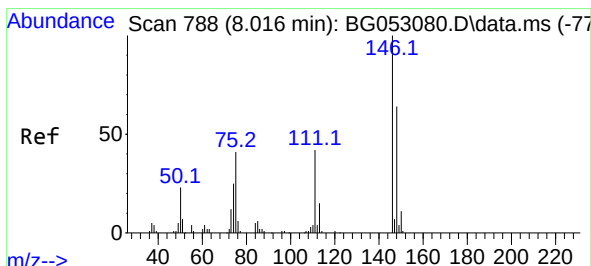
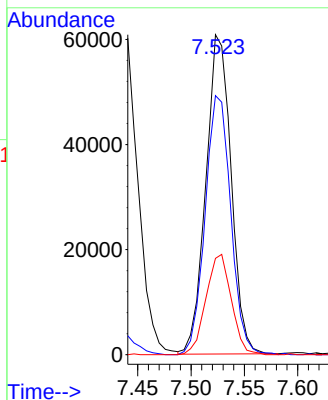
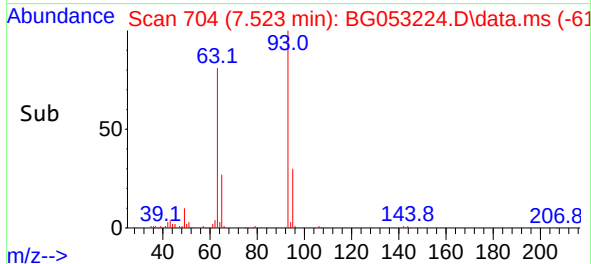
Instrument :  
BNA\_G  
ClientSampleId :  
KR-1MSD



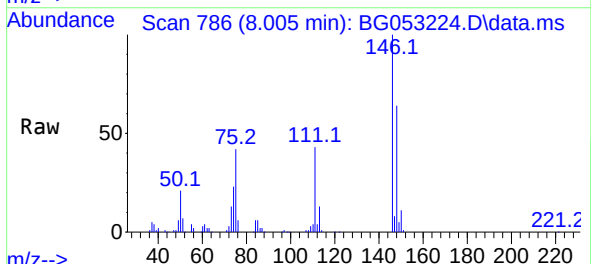
Tgt Ion: 93 Resp: 100058  
Ion Ratio Lower Upper  
93 100  
63 81.0 56.9 96.9  
95 30.1 14.5 54.5

Manual Integrations  
APPROVED

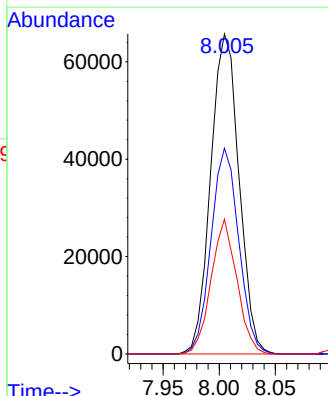
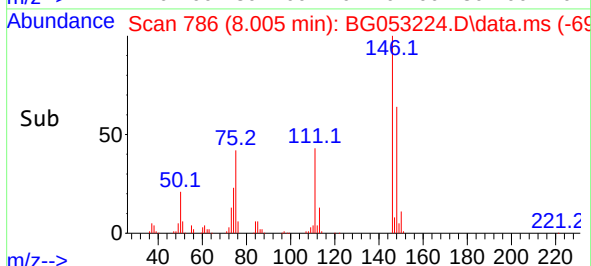
Reviewed By :Jagrut Upadhyay 04/21/2022  
Supervised By :mohammad ahmed 04/26/2022

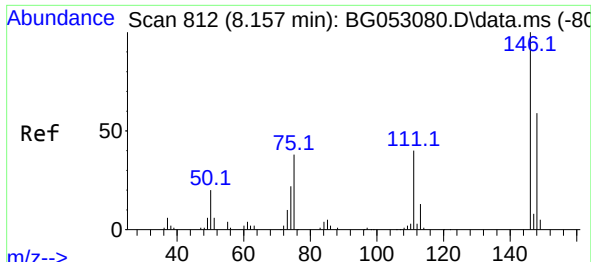


#12  
1,3-Dichlorobenzene  
Concen: 45.073 ng m  
RT: 8.005 min Scan# 786  
Delta R.T. -0.012 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31



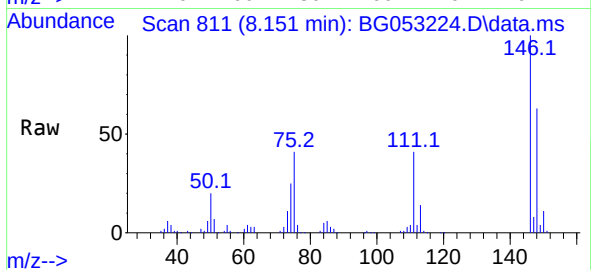
Tgt Ion:146 Resp: 115340  
Ion Ratio Lower Upper  
146 100  
148 64.3 50.6 76.0  
75 42.1 25.9 38.9#





#13  
1,4-Dichlorobenzene  
Concen: 43.906 ng  
RT: 8.151 min Scan# 811  
Delta R.T. -0.006 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31

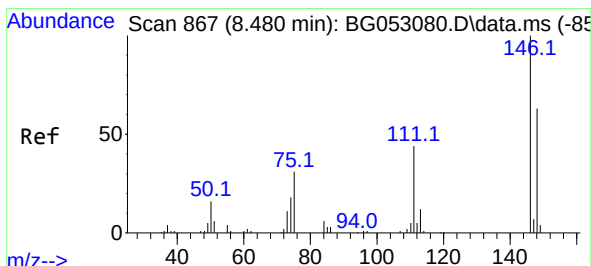
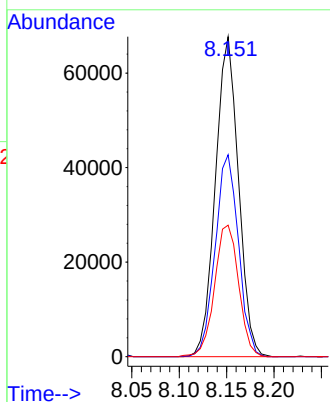
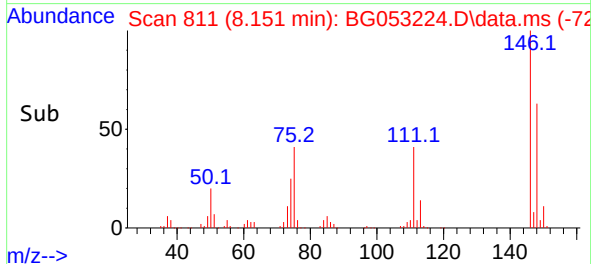
Instrument :  
BNA\_G  
ClientSampleId :  
KR-1MSD



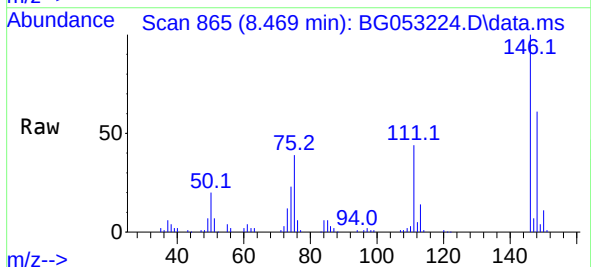
Tgt Ion:146 Resp: 11454  
Ion Ratio Lower Upper  
146 100  
148 63.1 50.0 75.0  
111 41.1 31.0 46.4

Manual Integrations  
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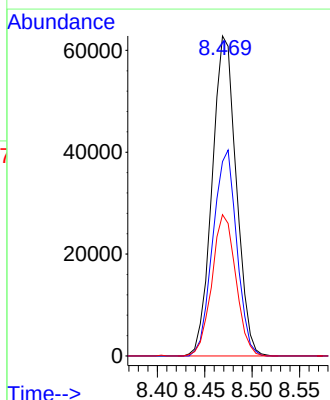
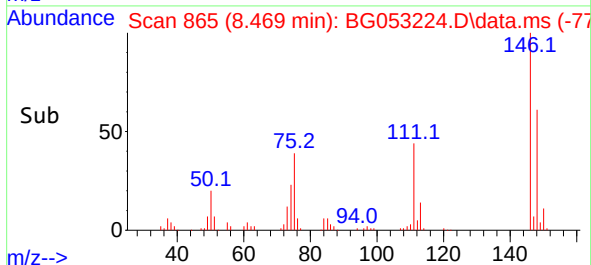
Reviewed By :Jagrut Upadhyay 04/21/2022  
Supervised By :mohammad ahmed 04/26/2022

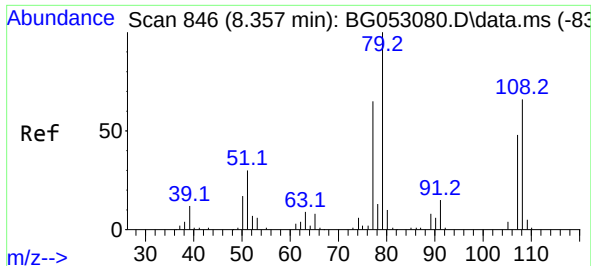


#14  
1,2-Dichlorobenzene  
Concen: 44.232 ng  
RT: 8.469 min Scan# 865  
Delta R.T. -0.012 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31



Tgt Ion:146 Resp: 111276  
Ion Ratio Lower Upper  
146 100  
148 60.8 51.0 76.6  
111 44.1 34.7 52.1





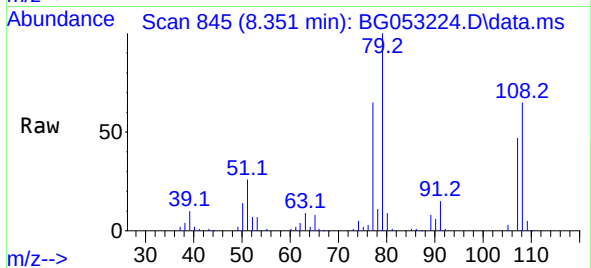
#15  
Benzyl Alcohol  
Concen: 42.035 ng  
RT: 8.351 min Scan# 846  
Delta R.T. -0.006 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31

Instrument :

BNA\_G

ClientSampleId :

KR-1MSD

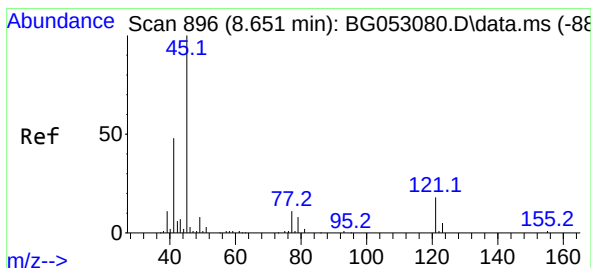
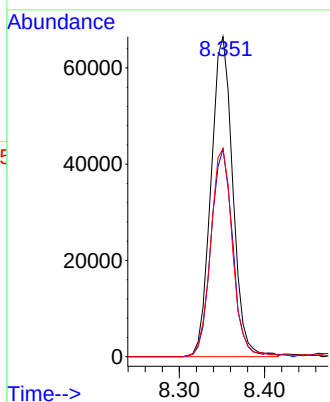
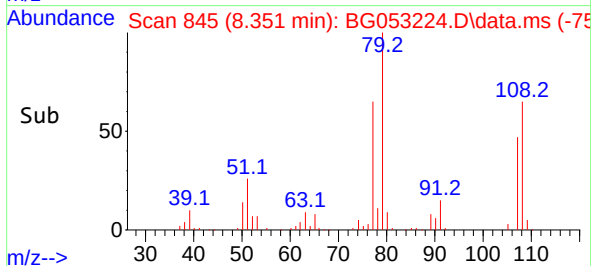


Tgt Ion: 79 Resp: 117529  
Ion Ratio Lower Upper  
79 100  
108 64.9 55.1 82.7  
77 65.0 52.4 78.6

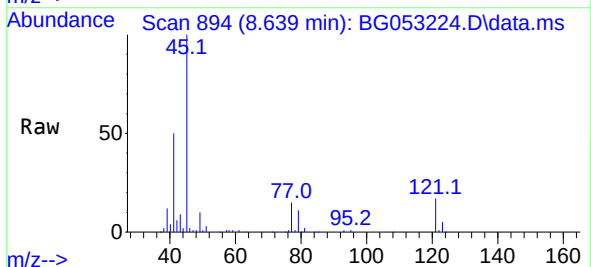
Manual Integrations

APPROVED

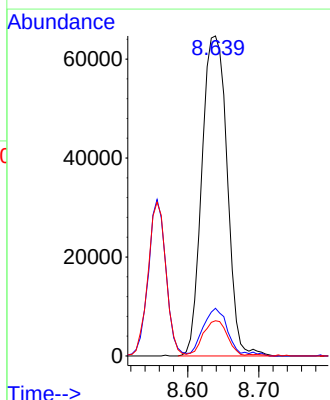
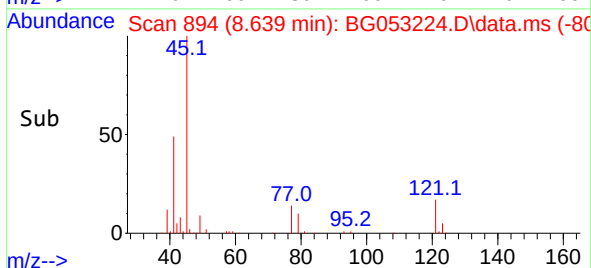
Reviewed By :Jagrut Upadhyay 04/21/2022  
Supervised By :mohammad ahmed 04/26/2022

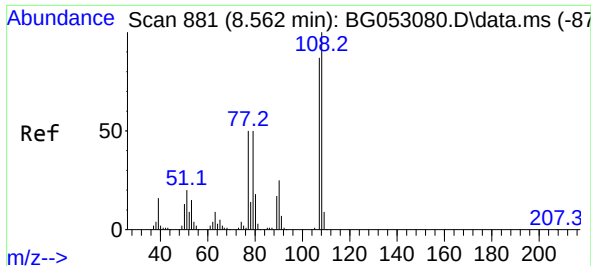


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 42.286 ng  
RT: 8.639 min Scan# 894  
Delta R.T. -0.012 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31



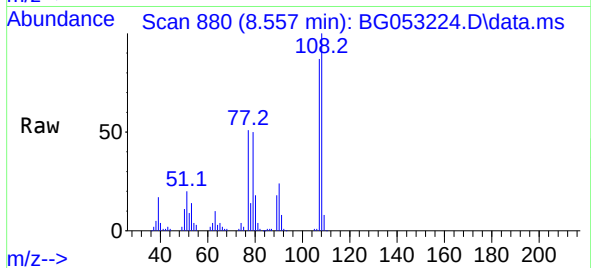
Tgt Ion: 45 Resp: 159344  
Ion Ratio Lower Upper  
45 100  
77 14.9 0.0 34.9  
79 11.0 0.0 30.7





#17  
2-Methylphenol  
Concen: 44.877 ng  
RT: 8.557 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31

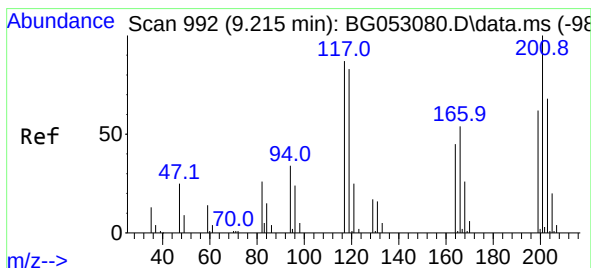
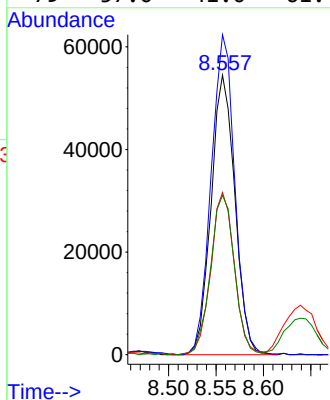
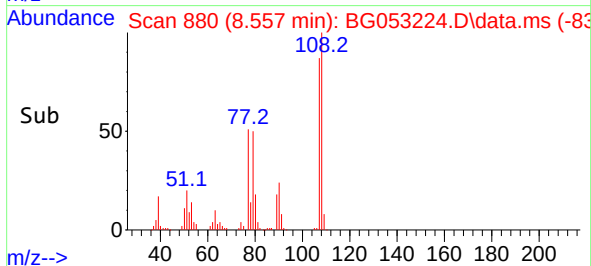
Instrument :  
BNA\_G  
ClientSampleId :  
KR-1MSD



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 107   | Resp: | 9508  |
| Ion Ratio | Lower | Upper |       |
| 107       | 100   |       |       |
| 108       | 114.5 | 91.5  | 137.3 |
| 77        | 58.1  | 42.5  | 63.7  |
| 79        | 57.0  | 41.0  | 61.4  |

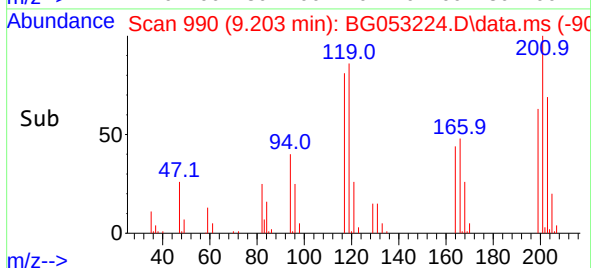
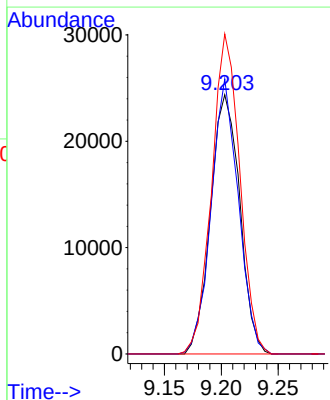
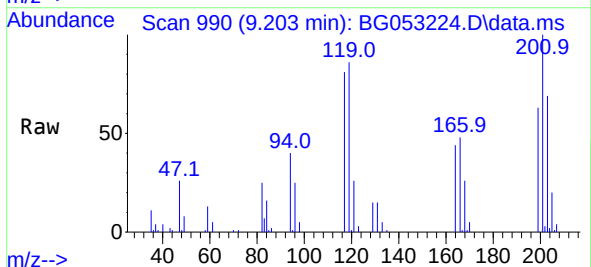
Manual Integrations  
APPROVED

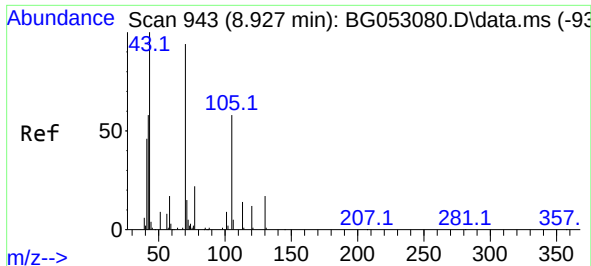
Reviewed By :Jagrut Upadhyay 04/21/2022  
Supervised By :mohammad ahmed 04/26/2022



#18  
Hexachloroethane  
Concen: 44.536 ng  
RT: 9.203 min Scan# 990  
Delta R.T. -0.012 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31

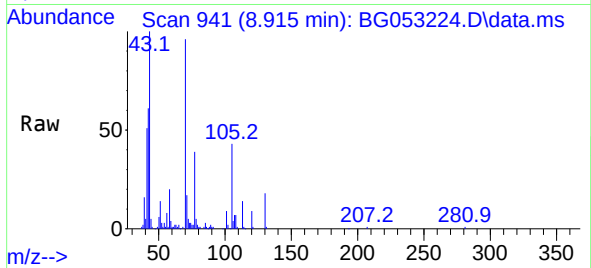
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 43569 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 119       | 106.1 | 75.1  | 112.7 |
| 201       | 123.4 | 96.6  | 145.0 |





#19  
n-Nitroso-di-n-propylamine  
Concen: 40.018 ng  
RT: 8.915 min Scan# 941  
Delta R.T. -0.012 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31

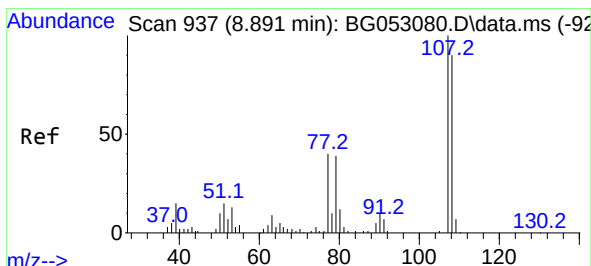
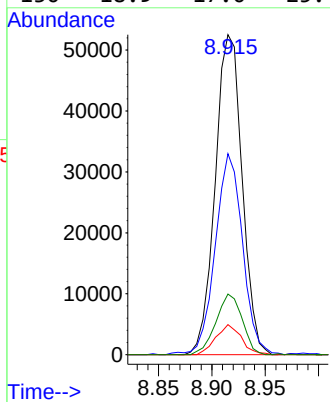
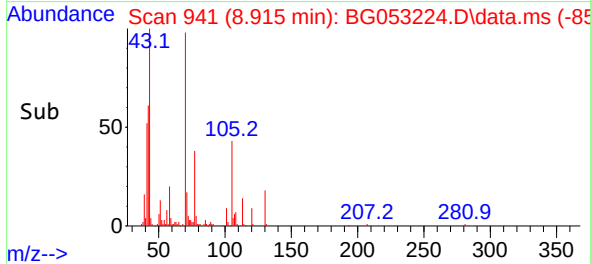
Instrument :  
BNA\_G  
ClientSampleId :  
KR-1MSD



Tgt Ion: 70 Resp: 92159  
Ion Ratio Lower Upper  
70 100  
42 62.8 46.0 69.0  
101 9.4 6.2 9.4  
130 18.9 17.0 25.4

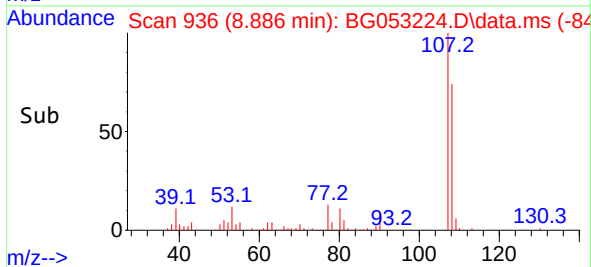
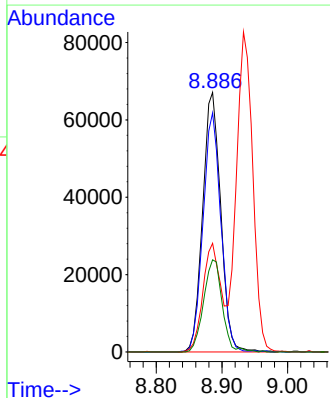
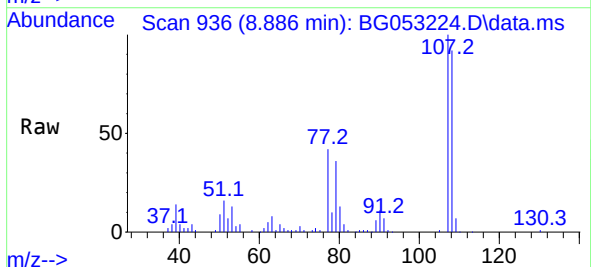
Manual Integrations  
APPROVED

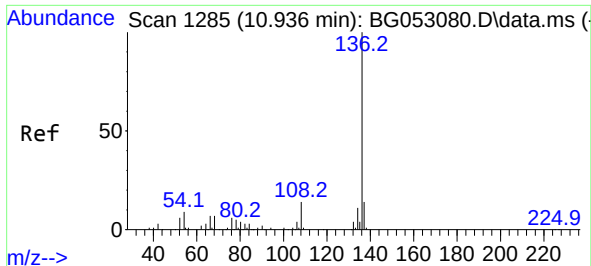
Reviewed By :Jagrut Upadhyay 04/21/2022  
Supervised By :mohammad ahmed 04/26/2022



#20  
3+4-Methylphenols  
Concen: 42.881 ng  
RT: 8.886 min Scan# 936  
Delta R.T. -0.006 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31

Tgt Ion:107 Resp: 128260  
Ion Ratio Lower Upper  
107 100  
108 92.1 64.8 104.8  
77 41.8 15.9 55.9  
79 35.5 11.5 51.5





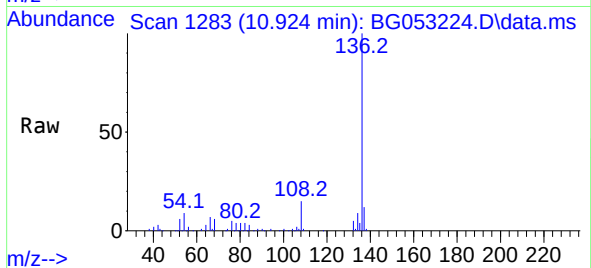
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.924 min Scan# 1283  
Delta R.T. -0.012 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31

Instrument :

BNA\_G

ClientSampleId :

KR-1MSD

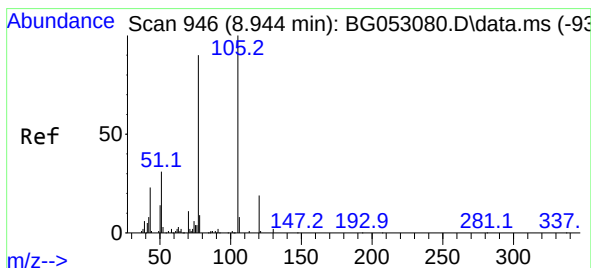
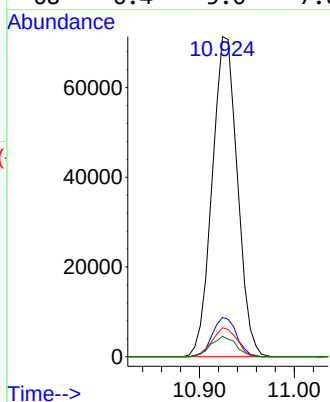
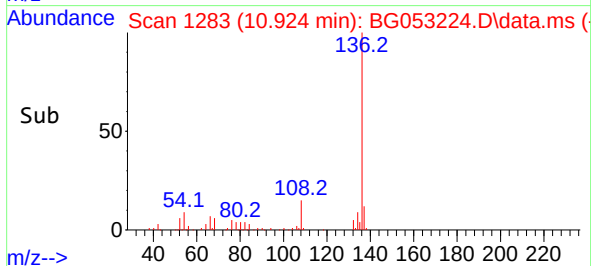


Tgt Ion:136 Resp: 132079  
Ion Ratio Lower Upper  
136 100  
137 12.3 9.4 14.2  
54 9.0 6.4 9.6  
68 6.4 5.0 7.6

Manual Integrations

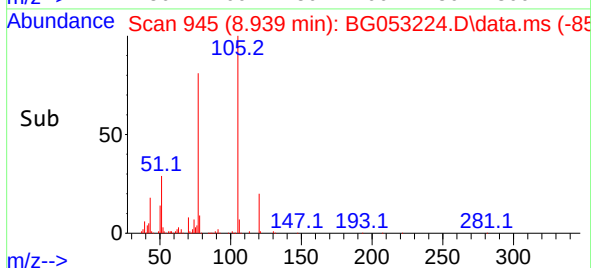
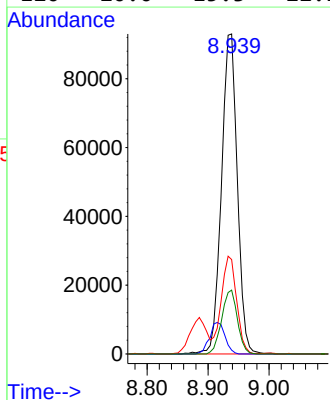
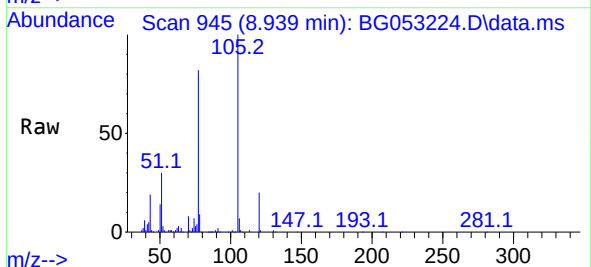
APPROVED

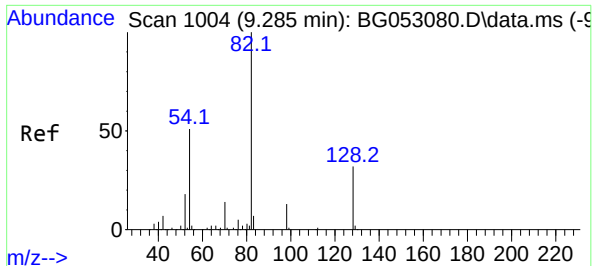
Reviewed By :Jagrut Upadhyay 04/21/2022  
Supervised By :mohammad ahmed 04/26/2022



#22  
Acetophenone  
Concen: 45.856 ng  
RT: 8.939 min Scan# 945  
Delta R.T. -0.006 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31

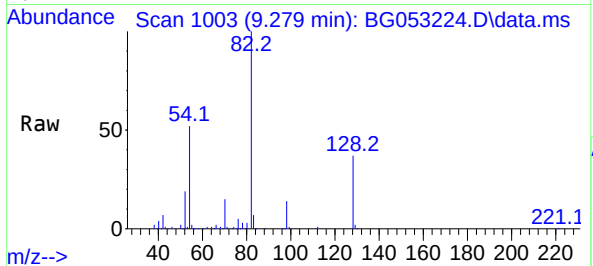
Tgt Ion:105 Resp: 168028  
Ion Ratio Lower Upper  
105 100  
71 1.2 2.1 3.1#  
51 29.5 21.9 32.9  
120 20.0 15.3 22.9





#23  
Nitrobenzene-d5  
Concen: 79.917 ng  
RT: 9.279 min Scan# 1010  
Delta R.T. -0.006 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31

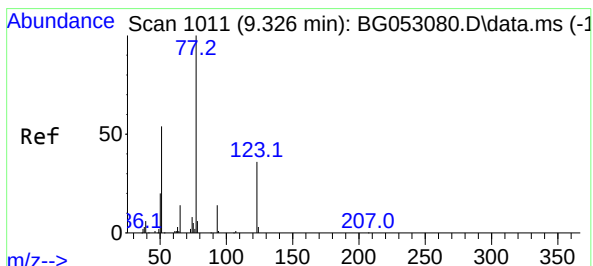
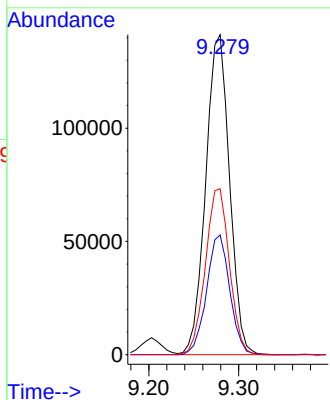
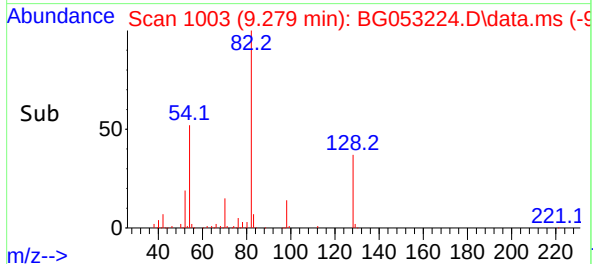
Instrument :  
BNA\_G  
ClientSampleId :  
KR-1MSD



Tgt Ion: 82 Resp: 25996  
Ion Ratio Lower Upper  
82 100  
128 37.4 31.3 46.9  
54 51.9 37.8 56.8

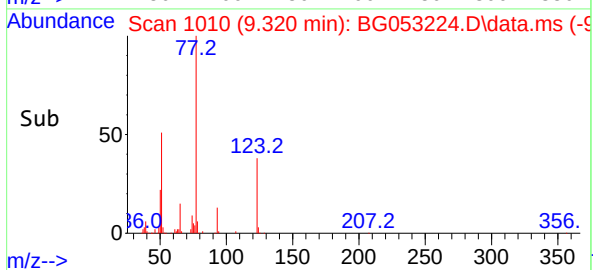
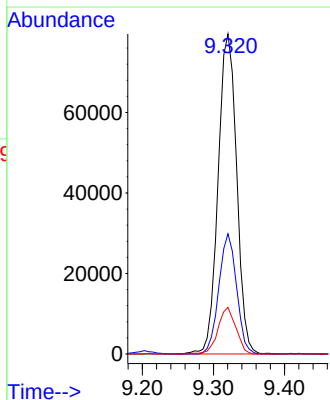
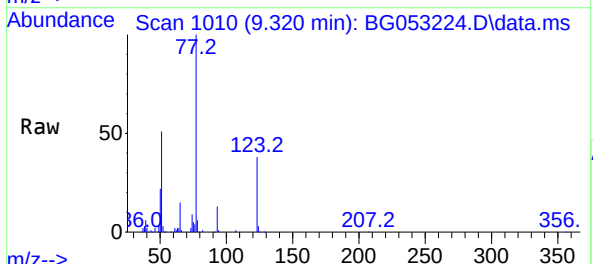
Manual Integrations  
APPROVED

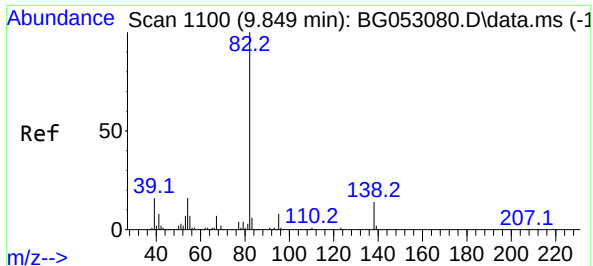
Reviewed By :Jagrut Upadhyay 04/21/2022  
Supervised By :mohammad ahmed 04/26/2022



#24  
Nitrobenzene  
Concen: 45.402 ng  
RT: 9.320 min Scan# 1010  
Delta R.T. -0.006 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31

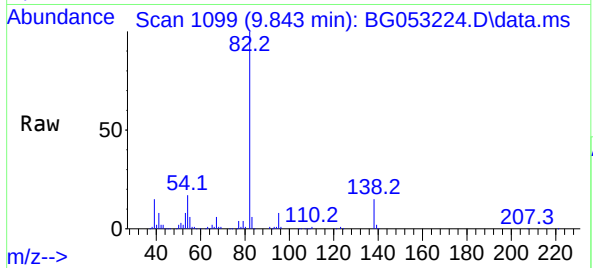
Tgt Ion: 77 Resp: 143653  
Ion Ratio Lower Upper  
77 100  
123 37.6 34.4 51.6  
65 14.6 11.2 16.8





#25  
Isophorone  
Concen: 45.164 ng  
RT: 9.843 min Scan# 1099  
Delta R.T. -0.006 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31

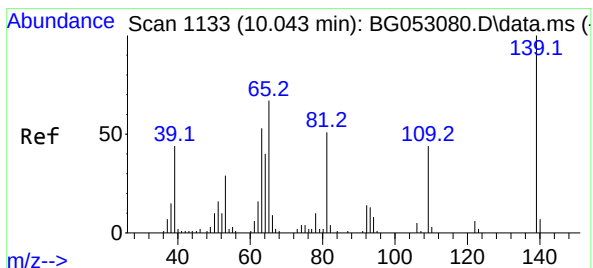
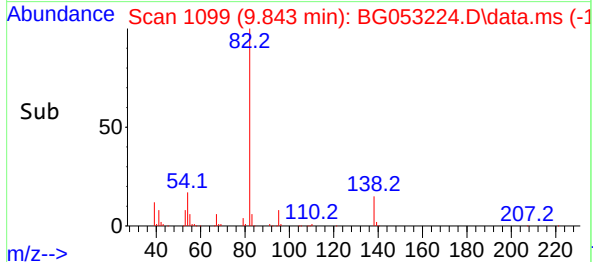
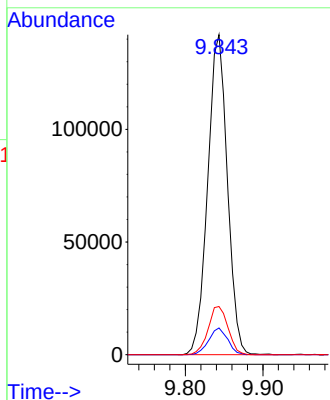
Instrument :  
BNA\_G  
ClientSampleId :  
KR-1MSD



Tgt Ion: 82 Resp: 24971  
Ion Ratio Lower Upper  
82 100  
95 8.4 5.8 8.6  
138 15.1 12.6 18.8

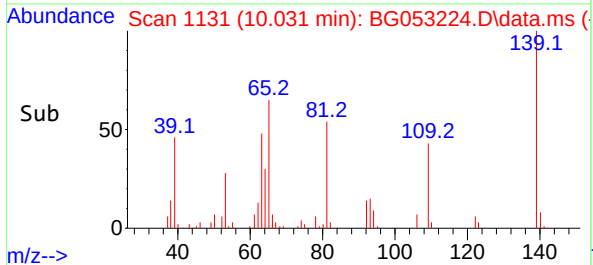
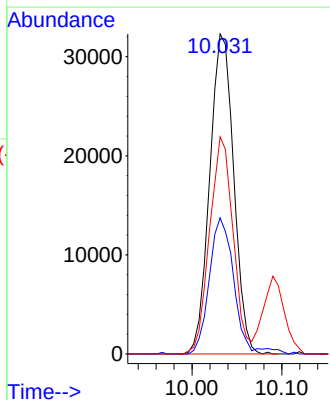
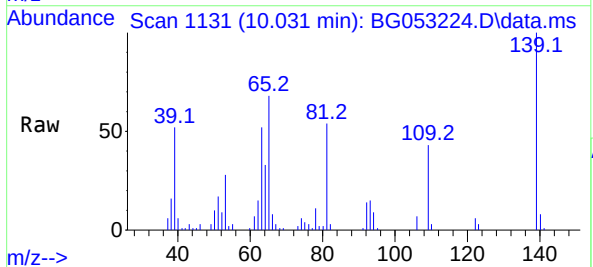
Manual Integrations  
APPROVED

Reviewed By :Jagrut Upadhyay 04/21/2022  
Supervised By :mohammad ahmed 04/26/2022

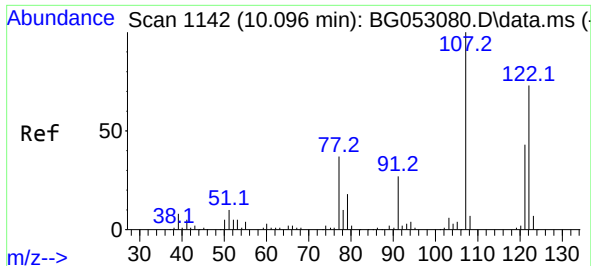


#26  
2-Nitrophenol  
Concen: 45.271 ng  
RT: 10.031 min Scan# 1131  
Delta R.T. -0.012 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31

Tgt Ion:139 Resp: 59896  
Ion Ratio Lower Upper  
139 100  
109 42.6 29.4 44.0  
65 67.9 48.2 72.2







#27  
2,4-Dimethylphenol  
Concen: 51.643 ng  
RT: 10.090 min Scan# 1142  
Delta R.T. -0.006 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31

Instrument :

BNA\_G

ClientSampleId :

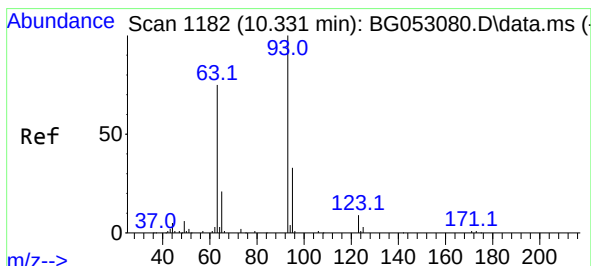
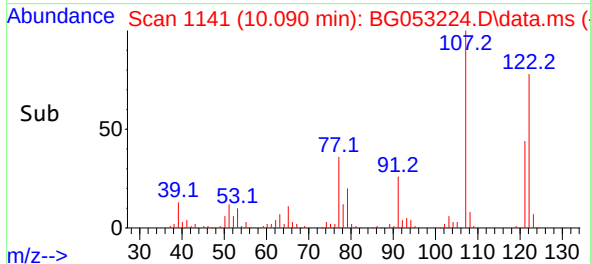
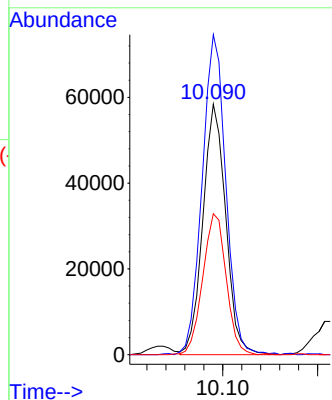
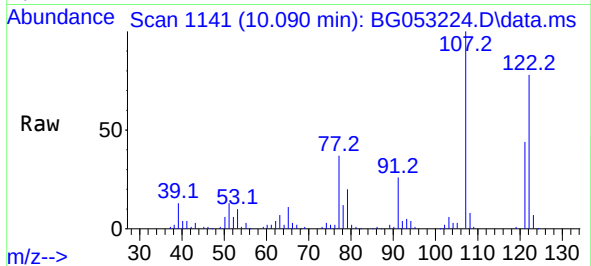
KR-1MSD

Tgt Ion:122 Resp: 9785  
Ion Ratio Lower Upper  
122 100  
107 127.7 96.7 145.1  
121 56.3 46.3 69.5

Manual Integrations

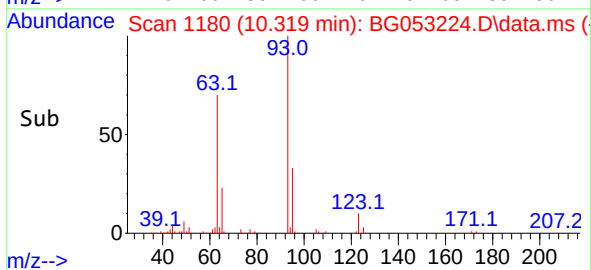
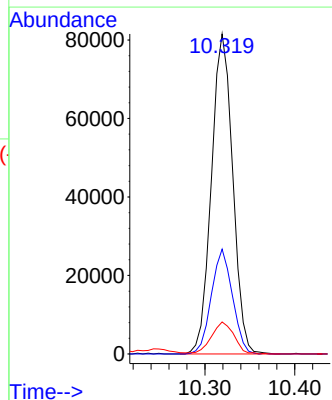
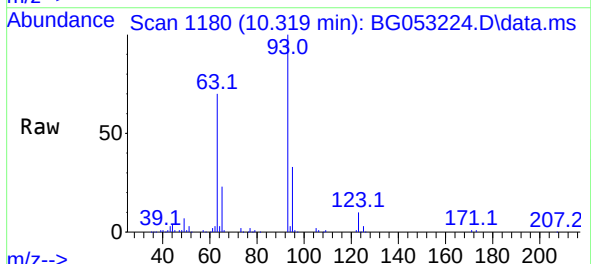
APPROVED

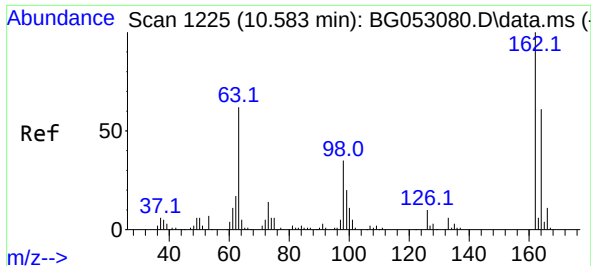
Reviewed By :Jagrut Upadhyay 04/21/2022  
Supervised By :mohammad ahmed 04/26/2022



#28  
bis(2-Chloroethoxy)methane  
Concen: 43.264 ng  
RT: 10.319 min Scan# 1180  
Delta R.T. -0.012 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31

Tgt Ion: 93 Resp: 134385  
Ion Ratio Lower Upper  
93 100  
95 32.7 26.5 39.7  
123 10.0 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 46.353 ng

RT: 10.572 min Scan# 11

Delta R.T. -0.012 min

Lab File: BG053224.D

Acq: 20 Apr 2022 20:31

Instrument :

BNA\_G

ClientSampleId :

KR-1MSD

Tgt Ion:162 Resp: 110418

Ion Ratio Lower Upper

162 100

164 64.6 44.0 84.0

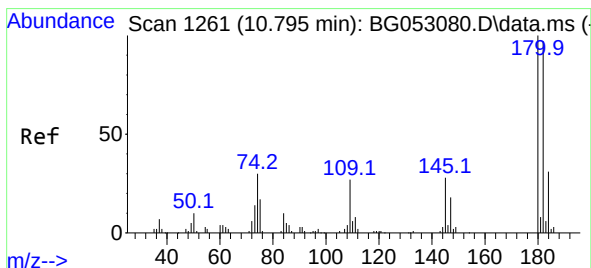
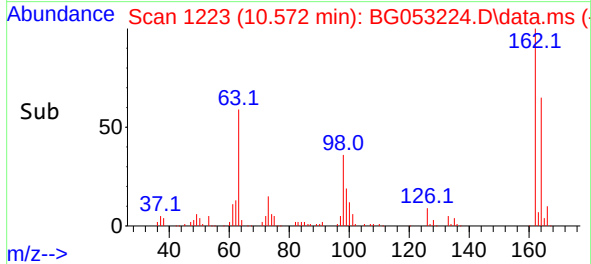
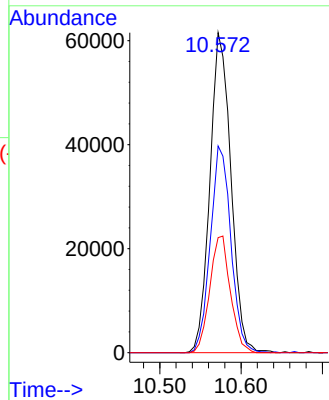
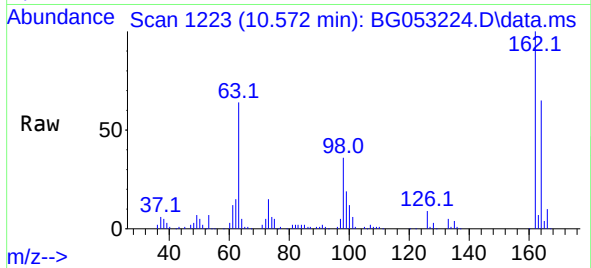
98 36.0 17.3 57.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/21/2022

Supervised By :mohammad ahmed 04/26/2022



#30

1,2,4-Trichlorobenzene

Concen: 44.391 ng

RT: 10.789 min Scan# 1260

Delta R.T. -0.006 min

Lab File: BG053224.D

Acq: 20 Apr 2022 20:31

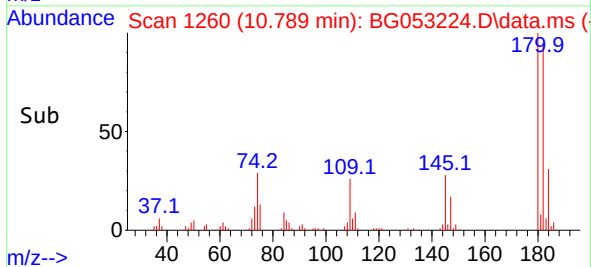
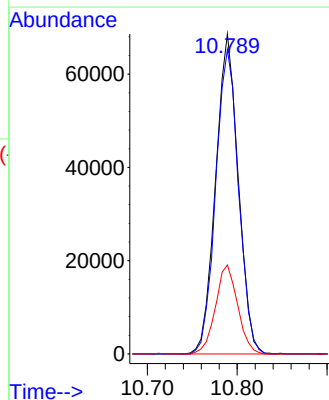
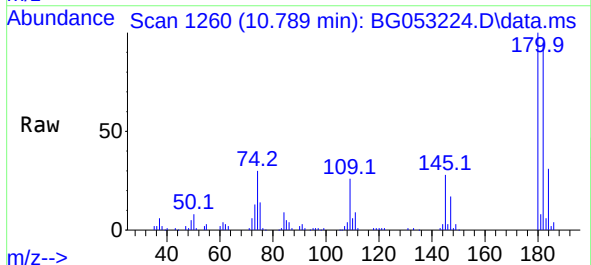
Tgt Ion:180 Resp: 119681

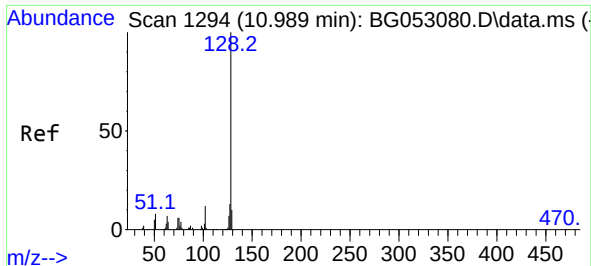
Ion Ratio Lower Upper

180 100

182 95.1 77.8 116.6

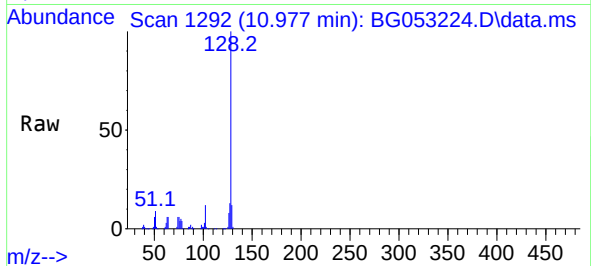
145 27.8 24.4 36.6





#31  
Naphthalene  
Concen: 44.105 ng  
RT: 10.977 min Scan# 1169  
Delta R.T. -0.012 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31

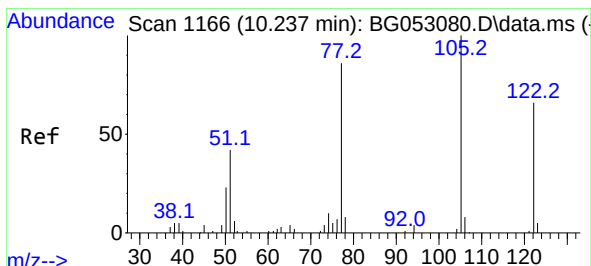
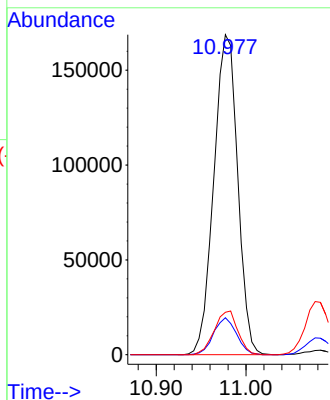
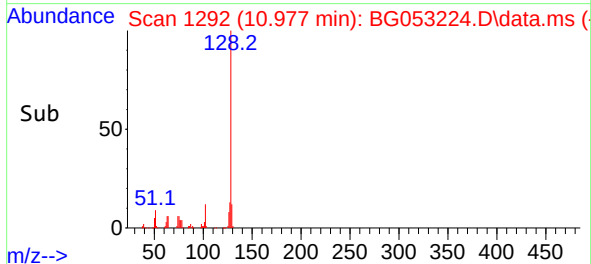
Instrument :  
BNA\_G  
ClientSampleId :  
KR-1MSD



Tgt Ion:128 Resp: 31079  
Ion Ratio Lower Upper  
128 100  
129 11.6 8.8 13.2  
127 13.3 10.5 15.7

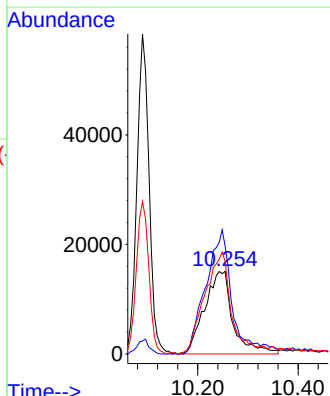
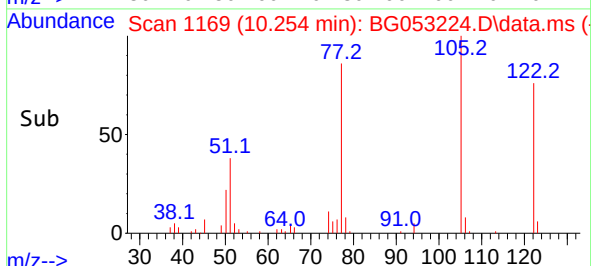
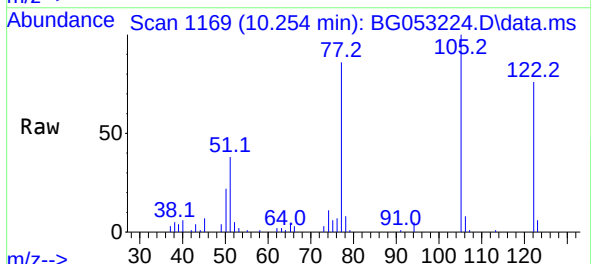
Manual Integrations  
APPROVED

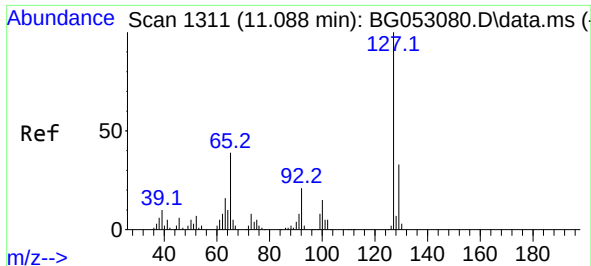
Reviewed By :Jagrut Upadhyay 04/21/2022  
Supervised By :mohammad ahmed 04/26/2022



#32  
Benzoic acid  
Concen: 47.987 ng  
RT: 10.254 min Scan# 1169  
Delta R.T. 0.017 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31

Tgt Ion:122 Resp: 59176  
Ion Ratio Lower Upper  
122 100  
105 130.8 112.8 152.8  
77 112.4 78.4 118.4





#33  
4-Chloroaniline  
Concen: 18.326 ng  
RT: 11.077 min Scan# 1109  
Delta R.T. -0.012 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31

Instrument :

BNA\_G

ClientSampleId :

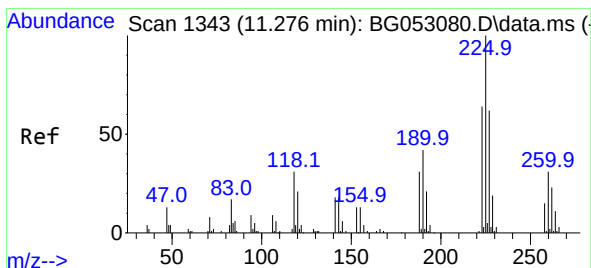
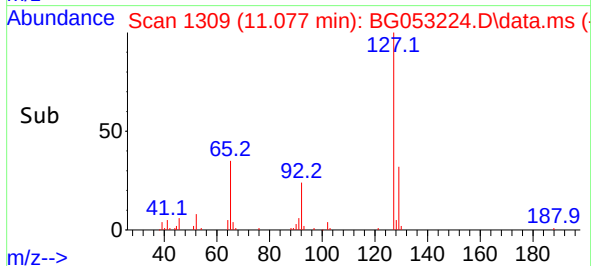
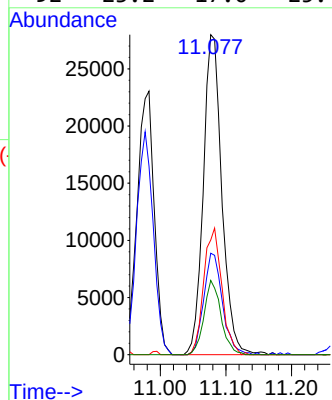
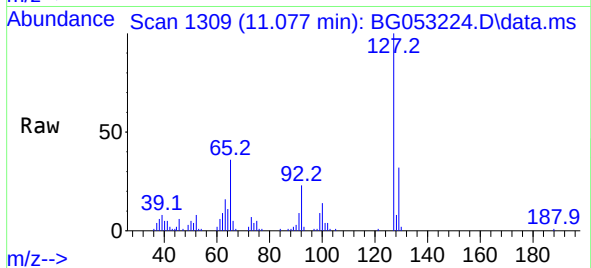
KR-1MSD

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 127   | Resp: | 55300 |
| Ion Ratio | Lower | Upper |       |
| 127       | 100   |       |       |
| 129       | 31.7  | 27.6  | 41.4  |
| 65        | 35.9  | 28.2  | 42.4  |
| 92        | 23.2  | 17.0  | 25.4  |

Manual Integrations

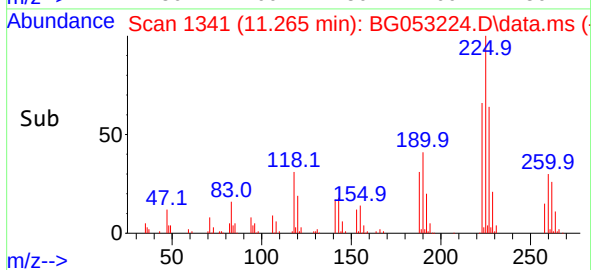
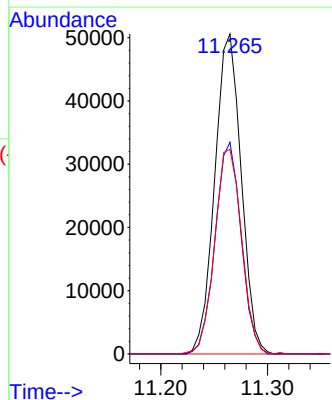
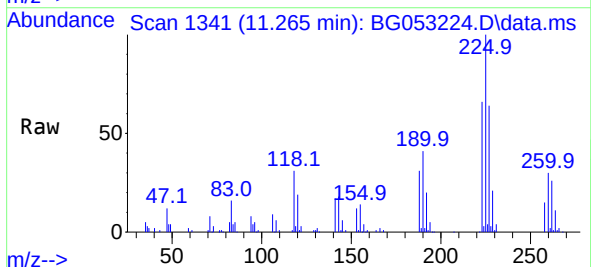
APPROVED

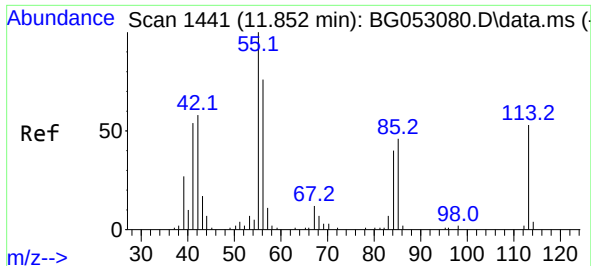
Reviewed By :Jagrut Upadhyay 04/21/2022  
Supervised By :mohammad ahmed 04/26/2022



#34  
Hexachlorobutadiene  
Concen: 43.549 ng  
RT: 11.265 min Scan# 1341  
Delta R.T. -0.012 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 87216 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 66.2  | 50.2  | 75.2  |
| 227       | 64.0  | 52.0  | 78.0  |





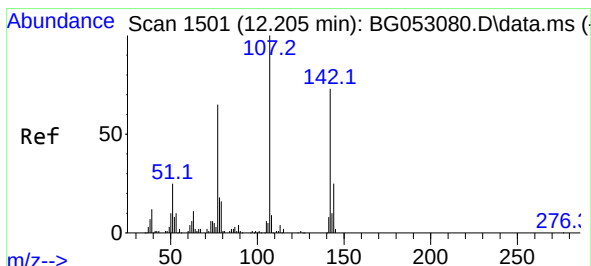
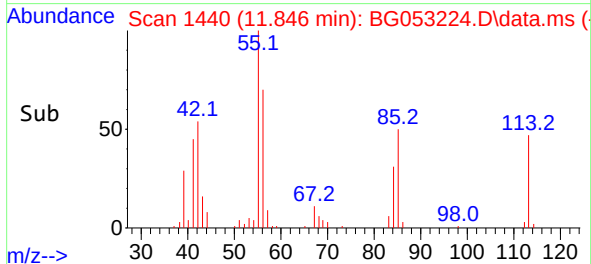
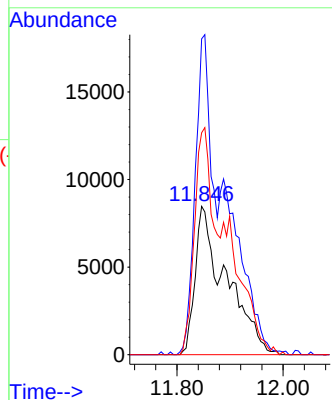
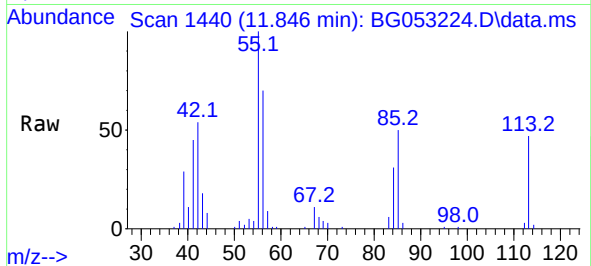
#35  
Caprolactam  
Concen: 41.171 ng m  
RT: 11.846 min Scan# 14  
Delta R.T. -0.006 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31

Instrument :  
BNA\_G  
ClientSampleId :  
KR-1MSD

Tgt Ion:113 Resp: 3456  
Ion Ratio Lower Upper  
113 100  
55 212.8 151.3 191.3  
56 149.6 128.5 168.5

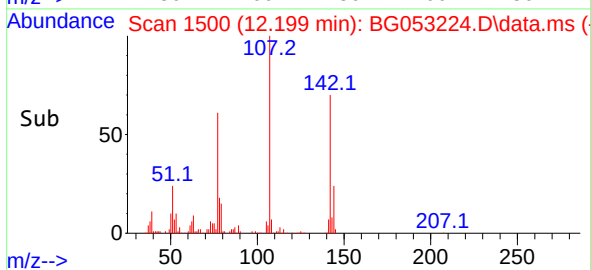
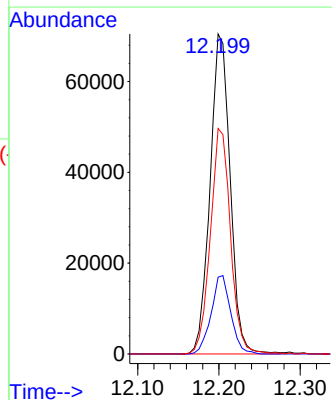
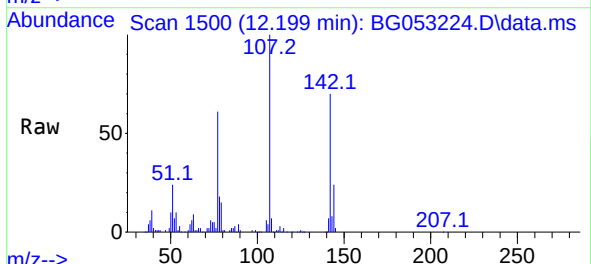
Manual Integrations  
APPROVED

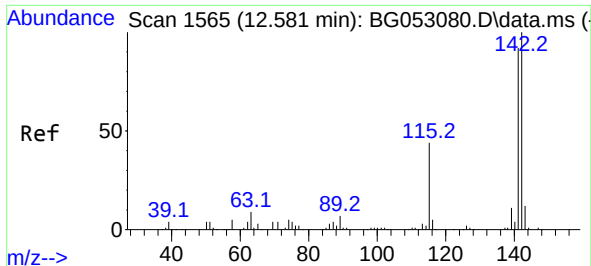
Reviewed By :Jagrut Upadhyay 04/21/2022  
Supervised By :mohammad ahmed 04/26/2022



#36  
4-Chloro-3-methylphenol  
Concen: 43.571 ng  
RT: 12.199 min Scan# 1500  
Delta R.T. -0.006 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31

Tgt Ion:107 Resp: 120832  
Ion Ratio Lower Upper  
107 100  
144 24.0 21.4 32.0  
142 70.5 61.7 92.5





#37

2-Methylnaphthalene

Concen: 42.606 ng

RT: 12.575 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG053224.D

Acq: 20 Apr 2022 20:31

Instrument :

BNA\_G

ClientSampleId :

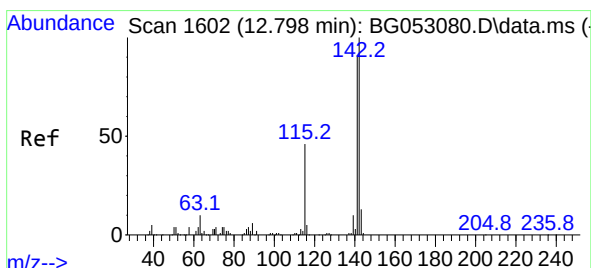
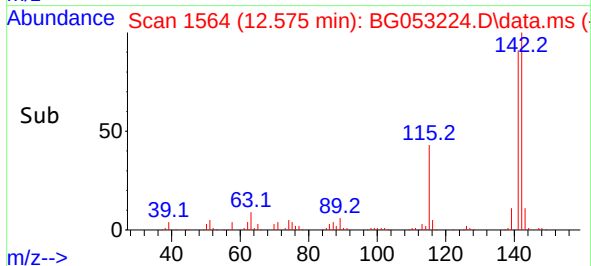
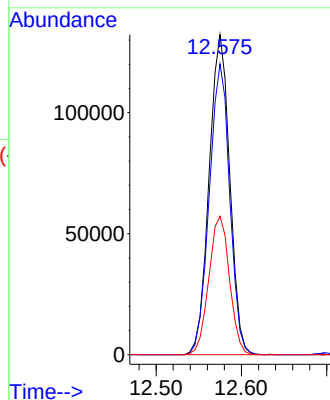
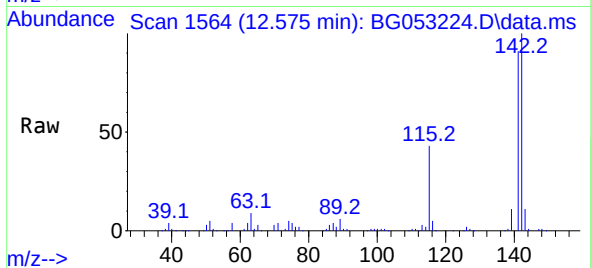
KR-1MSD

|             |                 |
|-------------|-----------------|
| Tgt Ion:142 | Resp: 22215     |
| Ion Ratio   | Lower Upper     |
| 142         | 100             |
| 141         | 90.9 71.3 106.9 |
| 115         | 43.3 29.5 44.3  |

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/21/2022  
Supervised By :mohammad ahmed 04/26/2022



#38

1-Methylnaphthalene

Concen: 42.439 ng

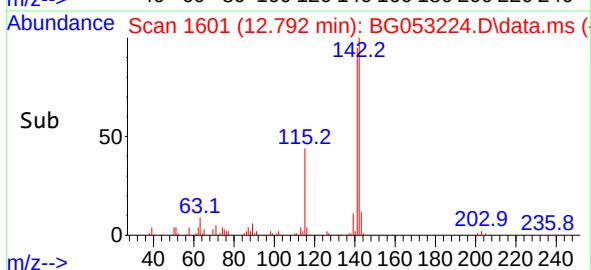
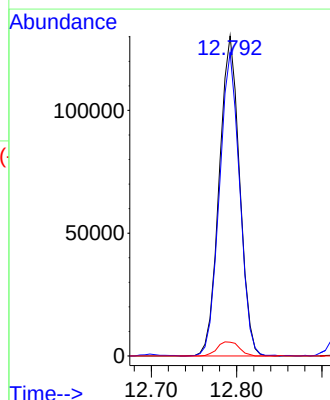
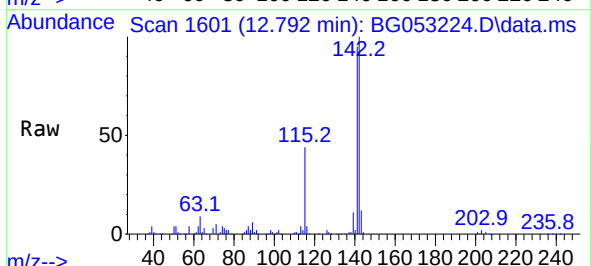
RT: 12.792 min Scan# 1601

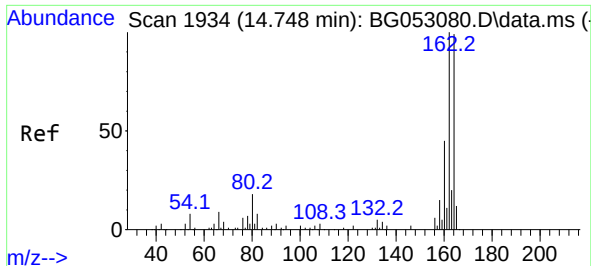
Delta R.T. -0.006 min

Lab File: BG053224.D

Acq: 20 Apr 2022 20:31

|             |                 |
|-------------|-----------------|
| Tgt Ion:142 | Resp: 216001    |
| Ion Ratio   | Lower Upper     |
| 142         | 100             |
| 141         | 94.8 70.5 105.7 |
| 116         | 4.3 3.1 4.7     |





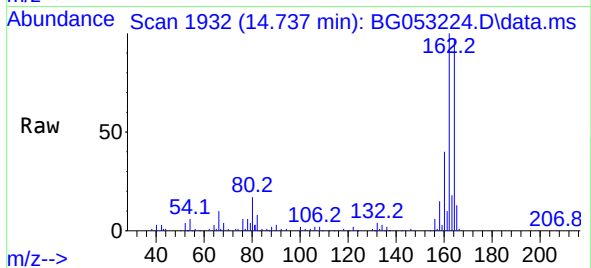
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.737 min Scan# 1934  
Delta R.T. -0.012 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31

Instrument :

BNA\_G

ClientSampleId :

KR-1MSD

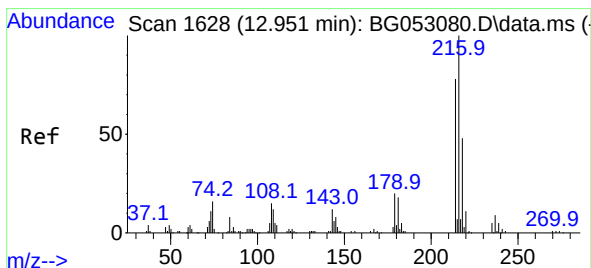
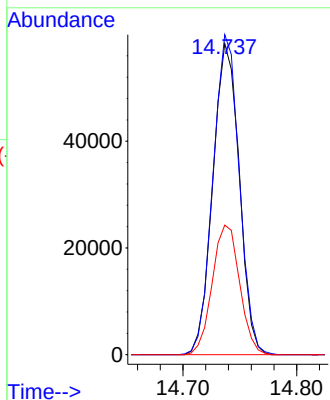
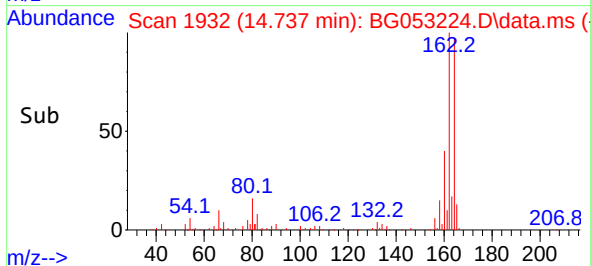


Tgt Ion:164 Resp: 93958  
Ion Ratio Lower Upper  
164 100  
162 102.9 80.0 120.0  
160 41.7 38.8 58.2

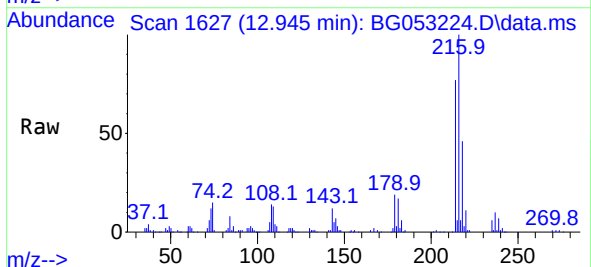
Manual Integrations

APPROVED

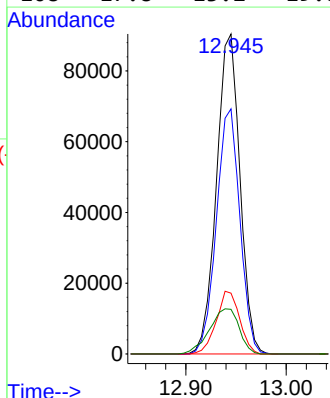
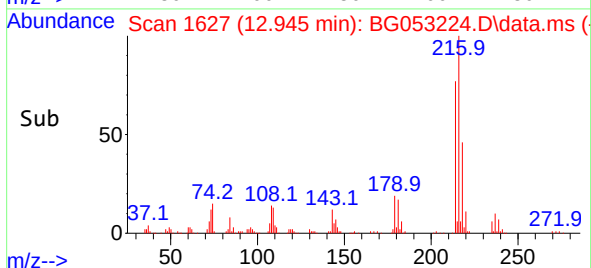
Reviewed By :Jagrut Upadhyay 04/21/2022  
Supervised By :mohammad ahmed 04/26/2022

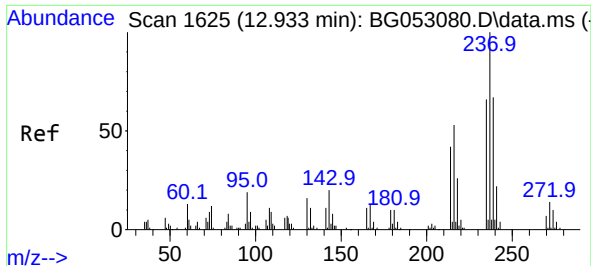


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 45.966 ng  
RT: 12.945 min Scan# 1627  
Delta R.T. -0.006 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31



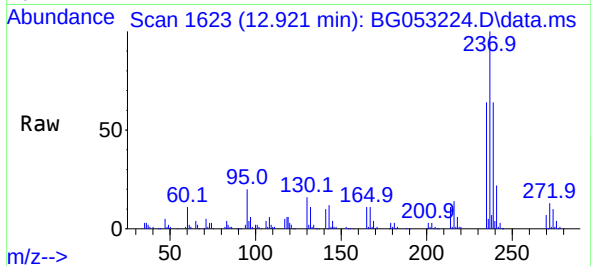
Tgt Ion:216 Resp: 146686  
Ion Ratio Lower Upper  
216 100  
214 76.7 63.8 95.6  
179 19.5 15.7 23.5  
108 17.8 13.2 19.8





#41  
Hexachlorocyclopentadiene  
Concen: 100.898 ng  
RT: 12.921 min Scan# 1621  
Delta R.T. -0.012 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31

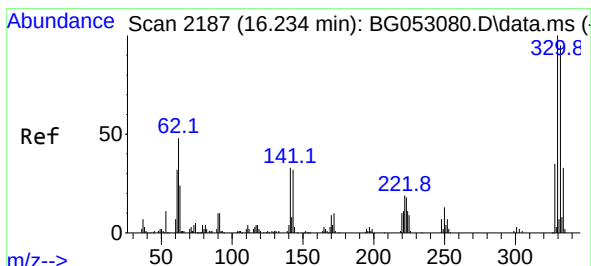
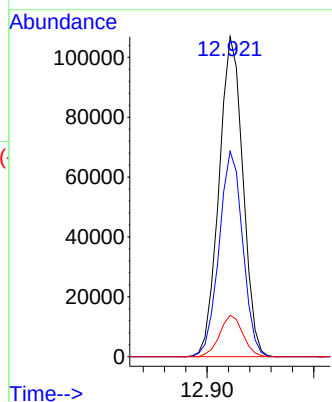
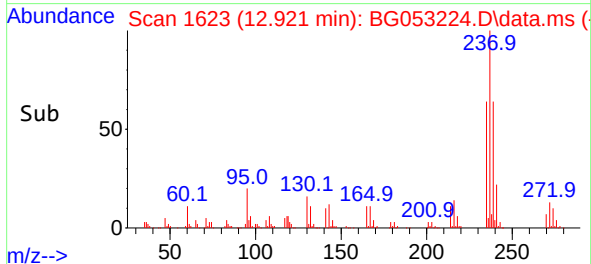
Instrument :  
BNA\_G  
ClientSampleId :  
KR-1MSD



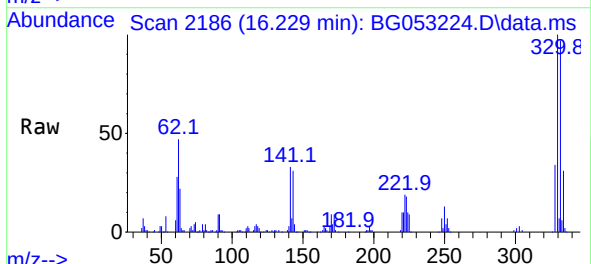
Tgt Ion:237 Resp: 16621  
Ion Ratio Lower Upper  
237 100  
235 64.1 37.7 77.7  
272 13.0 0.0 30.7

Manual Integrations  
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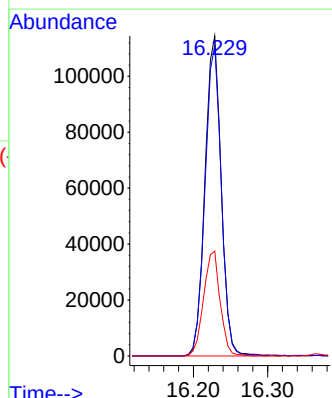
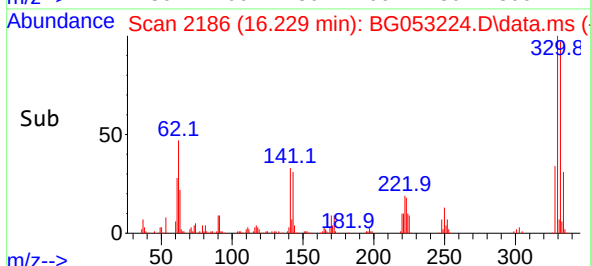
Reviewed By :Jagrut Upadhyay 04/21/2022  
Supervised By :mohammad ahmed 04/26/2022



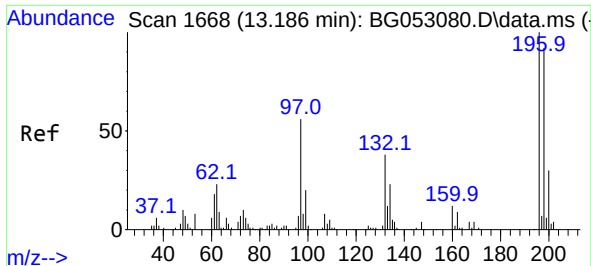
#42  
2,4,6-Tribromophenol  
Concen: 116.267 ng  
RT: 16.229 min Scan# 2186  
Delta R.T. -0.006 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31



Tgt Ion:330 Resp: 173800  
Ion Ratio Lower Upper  
330 100  
332 96.9 75.8 113.6  
141 33.4 24.6 36.8

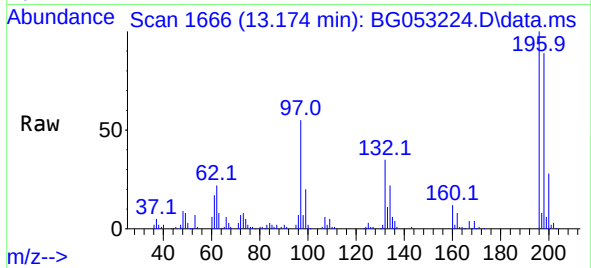






#43  
2,4,6-Trichlorophenol  
Concen: 44.354 ng  
RT: 13.174 min Scan# 1666  
Delta R.T. -0.012 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31

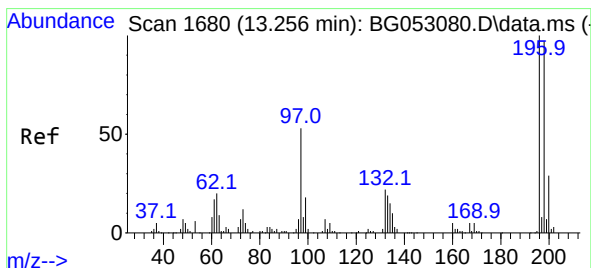
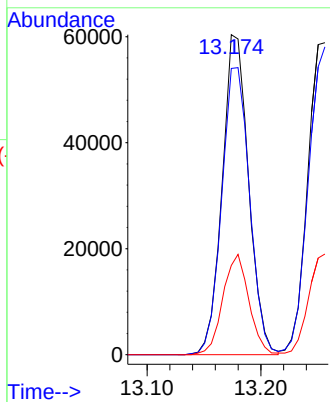
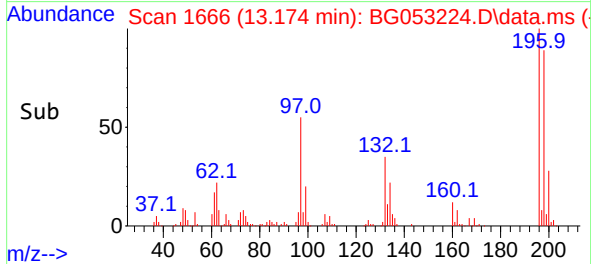
Instrument :  
BNA\_G  
ClientSampleId :  
KR-1MSD



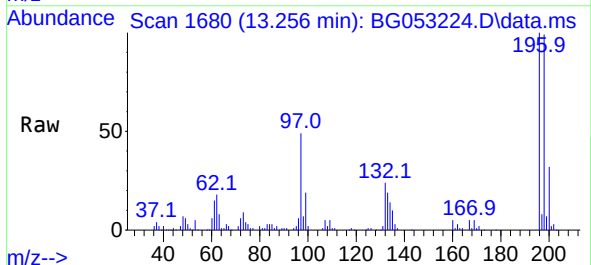
Tgt Ion:196 Resp: 9758  
Ion Ratio Lower Upper  
196 100  
198 89.4 78.8 118.2  
200 27.9 25.1 37.7

Manual Integrations  
APPROVED

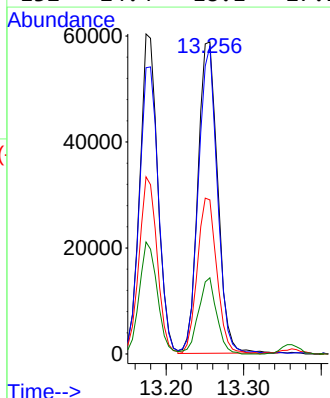
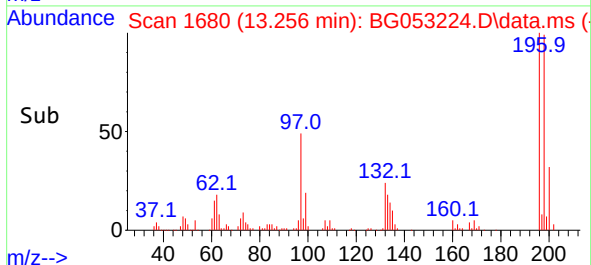
Reviewed By :Jagrut Upadhyay 04/21/2022  
Supervised By :mohammad ahmed 04/26/2022

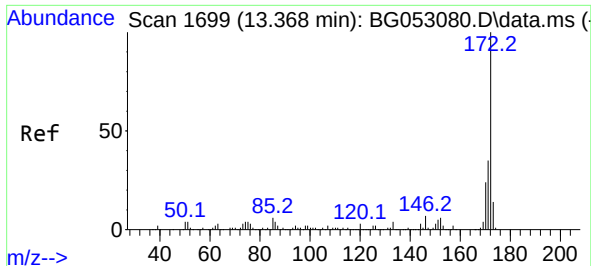


#44  
2,4,5-Trichlorophenol  
Concen: 44.231 ng  
RT: 13.256 min Scan# 1680  
Delta R.T. 0.000 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31



Tgt Ion:196 Resp: 103703  
Ion Ratio Lower Upper  
196 100  
198 98.7 75.8 113.6  
97 49.4 36.5 54.7  
132 24.4 18.1 27.1





#45  
2-Fluorobiphenyl  
Concen: 80.581 ng  
RT: 13.362 min Scan# 1699  
Delta R.T. -0.006 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31

Instrument :

BNA\_G

ClientSampleId :

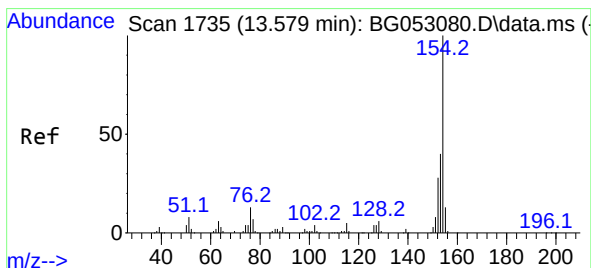
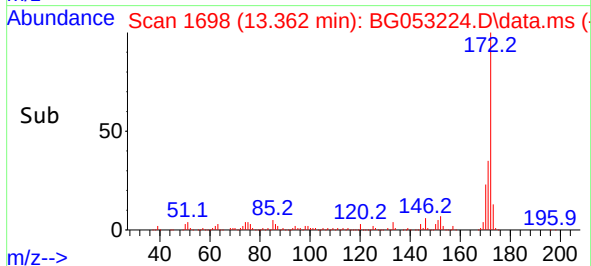
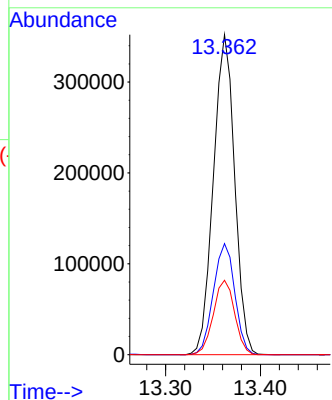
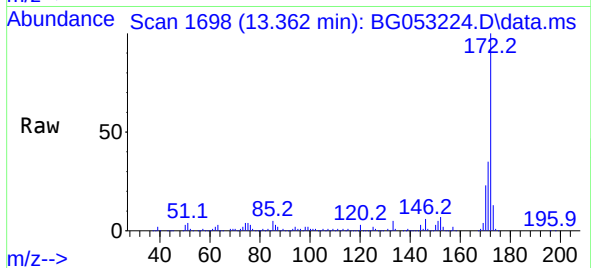
KR-1MSD

Tgt Ion:172 Resp: 549078  
Ion Ratio Lower Upper  
172 100  
171 34.7 28.3 42.5  
170 23.3 18.0 27.0

Manual Integrations

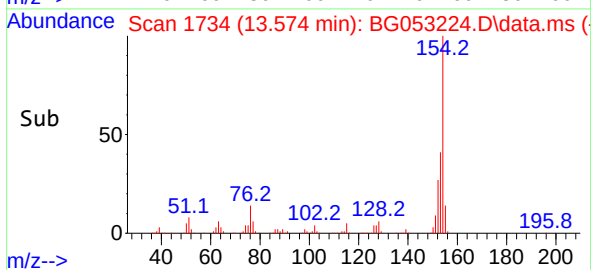
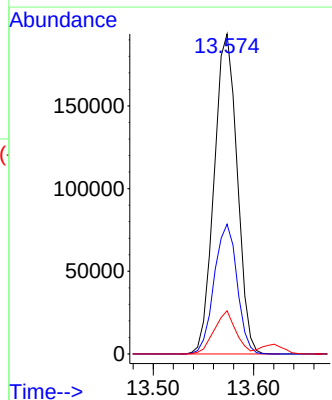
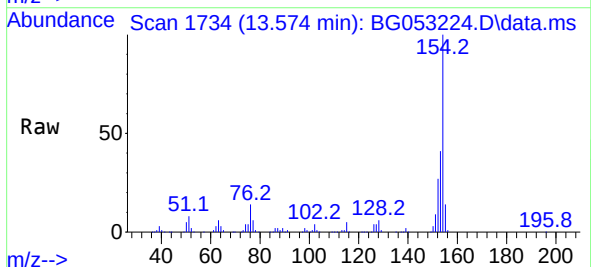
APPROVED

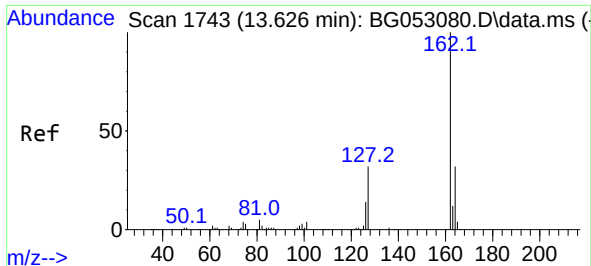
Reviewed By :Jagrut Upadhyay 04/21/2022  
Supervised By :mohammad ahmed 04/26/2022



#46  
1,1'-Biphenyl  
Concen: 45.573 ng  
RT: 13.574 min Scan# 1734  
Delta R.T. -0.006 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31

Tgt Ion:154 Resp: 308357  
Ion Ratio Lower Upper  
154 100  
153 40.5 21.6 61.6  
76 13.5 0.0 31.5





#47  
2-Chloronaphthalene  
Concen: 44.283 ng  
RT: 13.621 min Scan# 1742  
Delta R.T. -0.006 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31

Instrument :

BNA\_G

ClientSampleId :

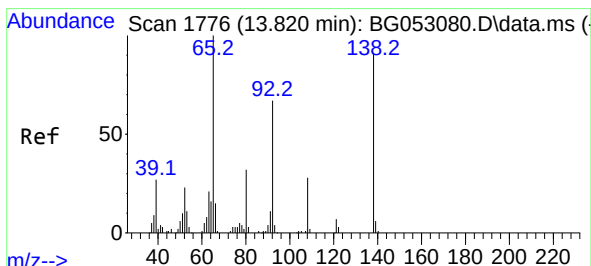
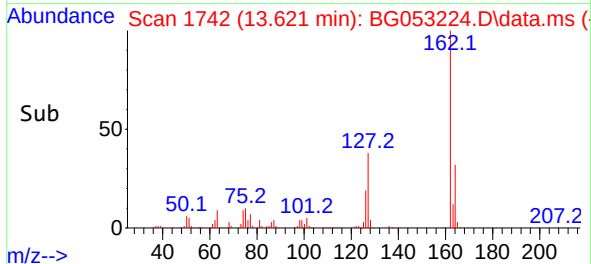
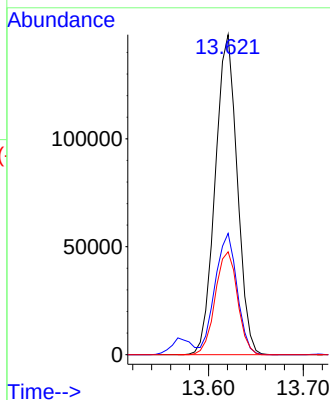
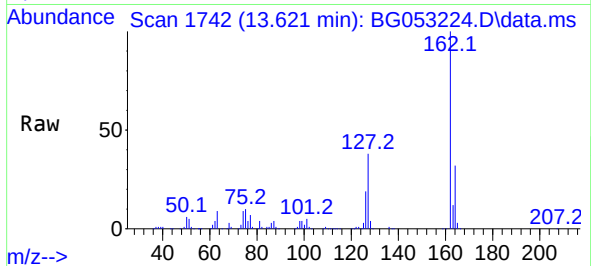
KR-1MSD

Tgt Ion:162 Resp: 239050  
Ion Ratio Lower Upper  
162 100  
127 37.9 28.1 42.1  
164 32.2 26.0 39.0

Manual Integrations

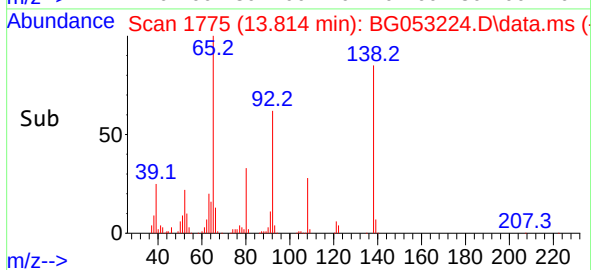
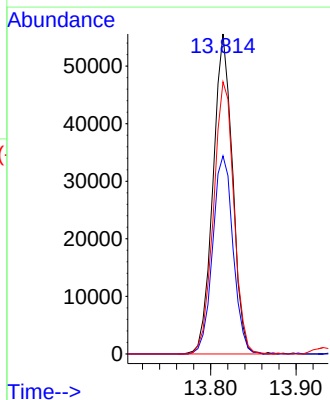
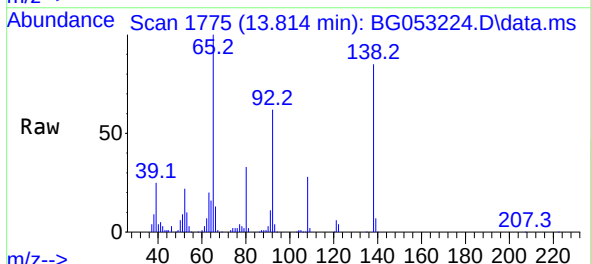
APPROVED

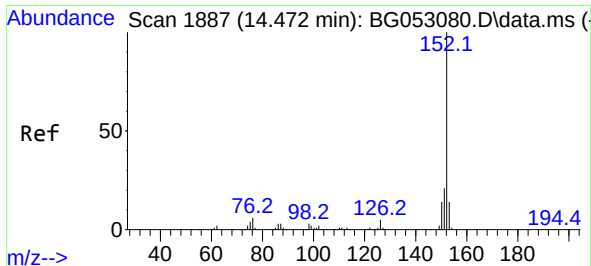
Reviewed By :Jagrut Upadhyay 04/21/2022  
Supervised By :mohammad ahmed 04/26/2022



#48  
2-Nitroaniline  
Concen: 43.072 ng  
RT: 13.814 min Scan# 1775  
Delta R.T. -0.006 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31

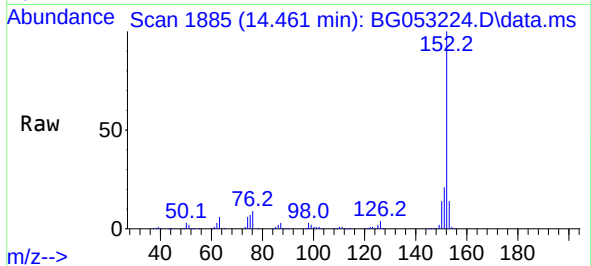
Tgt Ion: 65 Resp: 88239  
Ion Ratio Lower Upper  
65 100  
92 61.9 52.1 78.1  
138 85.0 80.1 120.1





#49  
Acenaphthylene  
Concen: 46.839 ng  
RT: 14.461 min Scan# 1885  
Delta R.T. -0.012 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31

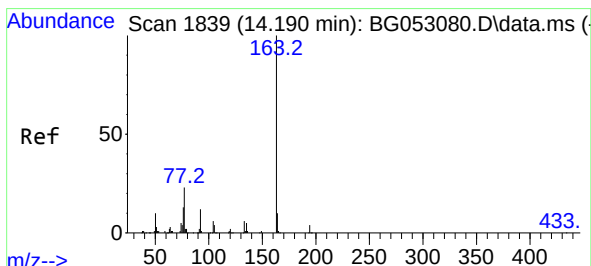
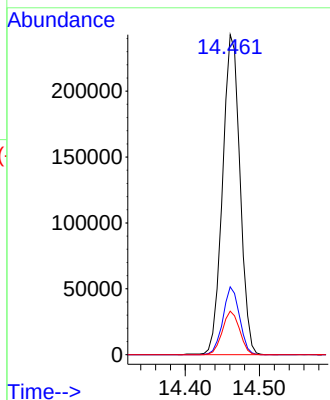
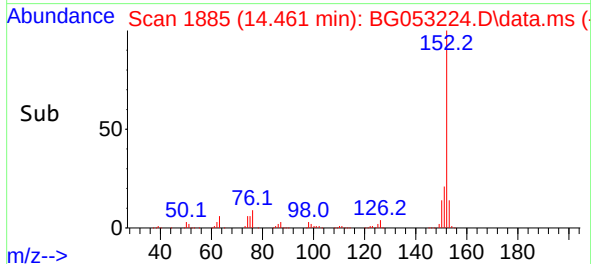
Instrument :  
BNA\_G  
ClientSampleId :  
KR-1MSD



Tgt Ion:152 Resp: 395814  
Ion Ratio Lower Upper  
152 100  
151 21.2 15.8 23.6  
153 13.6 10.6 15.8

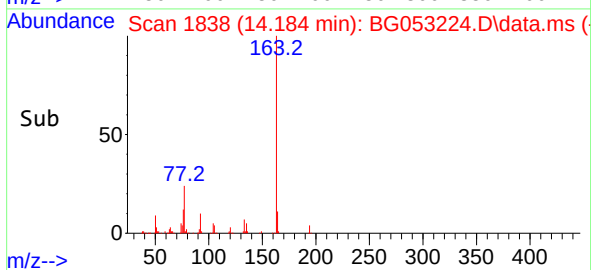
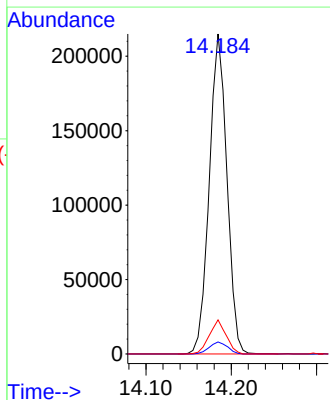
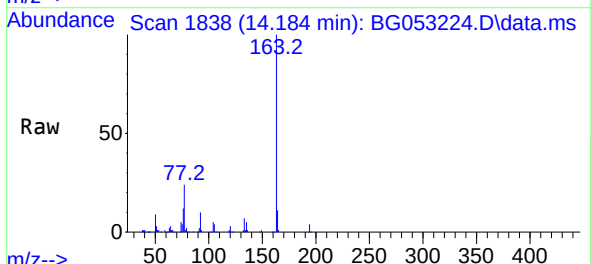
Manual Integrations  
APPROVED

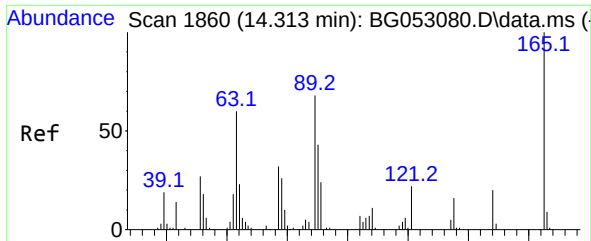
Reviewed By :Jagrut Upadhyay 04/21/2022  
Supervised By :mohammad ahmed 04/26/2022



#50  
Dimethylphthalate  
Concen: 41.114 ng  
RT: 14.184 min Scan# 1838  
Delta R.T. -0.006 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31

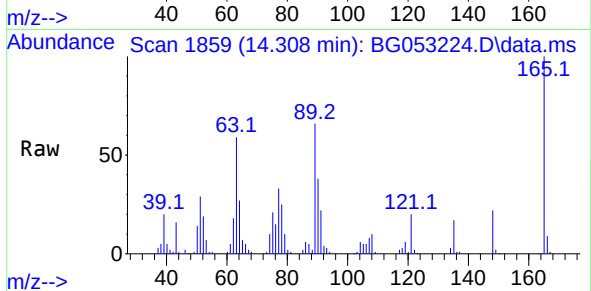
Tgt Ion:163 Resp: 308974  
Ion Ratio Lower Upper  
163 100  
194 3.8 3.3 4.9  
164 10.6 8.5 12.7





#51  
2,6-Dinitrotoluene  
Concen: 42.831 ng  
RT: 14.308 min Scan# 1859  
Delta R.T. -0.006 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31

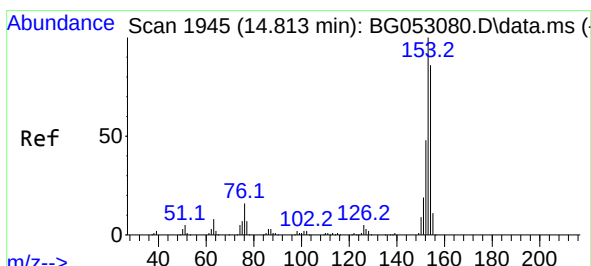
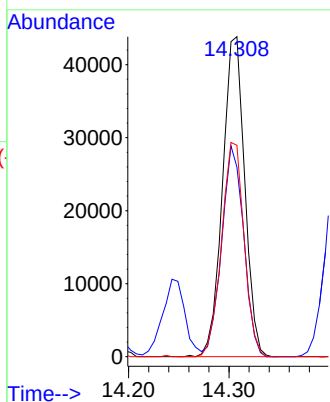
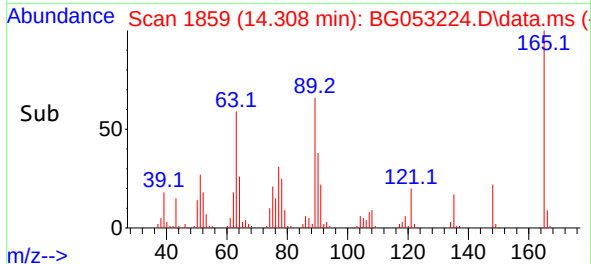
Instrument :  
BNA\_G  
ClientSampleId :  
KR-1MSD



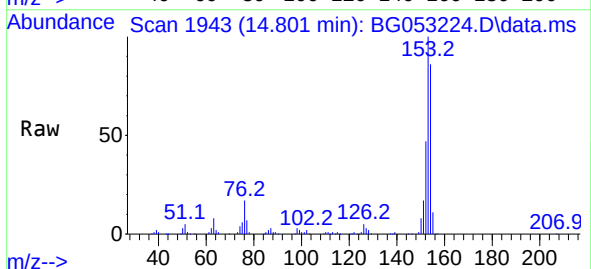
Tgt Ion:165 Resp: 67150  
Ion Ratio Lower Upper  
165 100  
63 59.2 43.7 65.5  
89 66.1 45.0 67.4

Manual Integrations  
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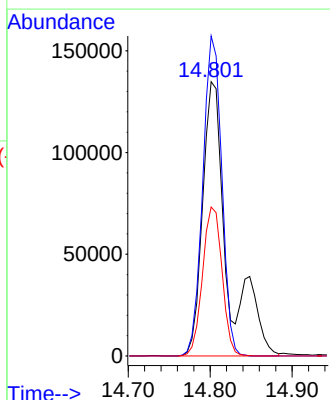
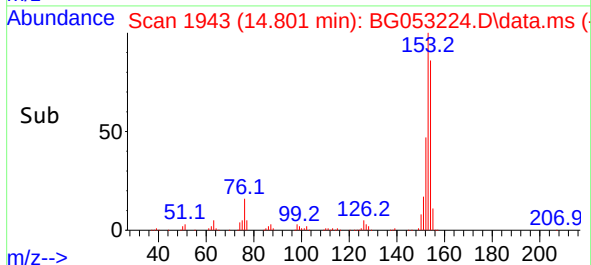
Reviewed By :Jagrut Upadhyay 04/21/2022  
Supervised By :mohammad ahmed 04/26/2022

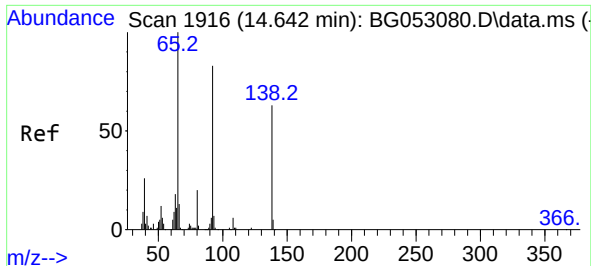


#52  
Acenaphthene  
Concen: 49.516 ng m  
RT: 14.801 min Scan# 1943  
Delta R.T. -0.012 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31



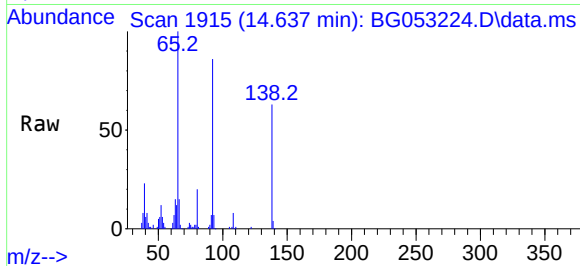
Tgt Ion:154 Resp: 283758  
Ion Ratio Lower Upper  
154 100  
153 116.7 89.0 133.4  
152 54.3 40.5 60.7





#53  
3-Nitroaniline  
Concen: 24.833 ng  
RT: 14.637 min Scan# 1915  
Delta R.T. -0.006 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31

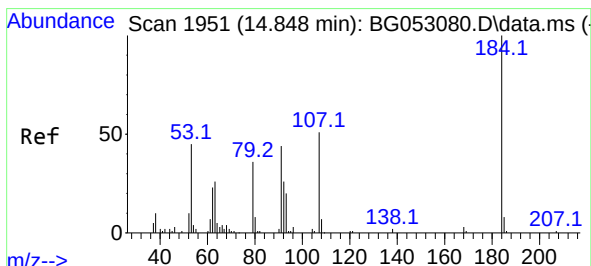
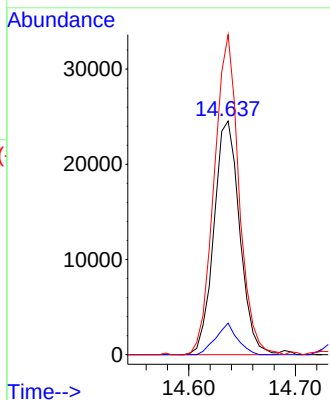
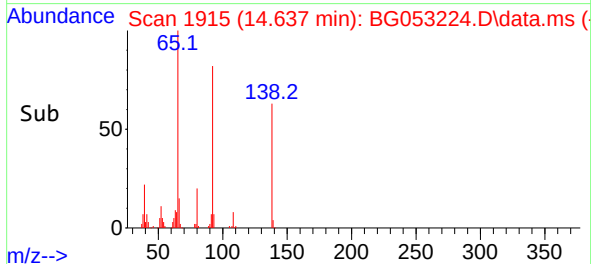
Instrument :  
BNA\_G  
ClientSampleId :  
KR-1MSD



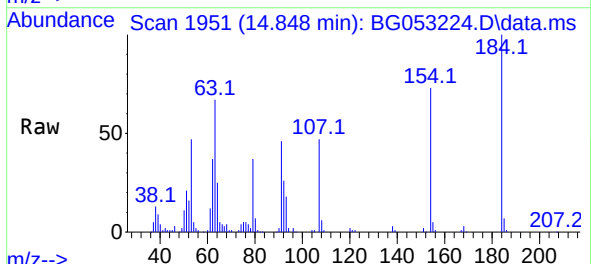
Tgt Ion:138 Resp: 4116  
Ion Ratio Lower Upper  
138 100  
108 13.5 8.0 12.0  
92 137.0 96.2 144.2

Manual Integrations  
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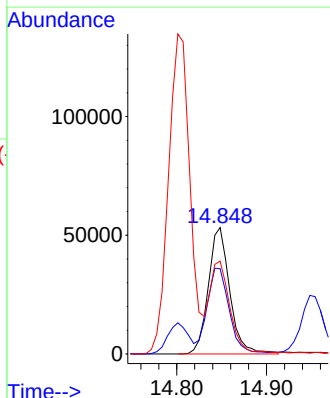
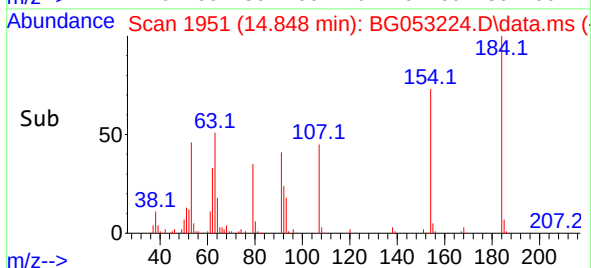
Reviewed By :Jagrut Upadhyay 04/21/2022  
Supervised By :mohammad ahmed 04/26/2022

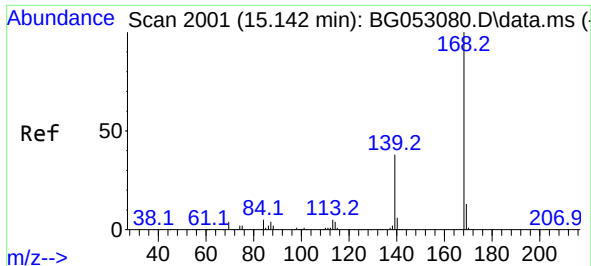


#54  
2,4-Dinitrophenol  
Concen: 88.366 ng  
RT: 14.848 min Scan# 1951  
Delta R.T. 0.000 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31



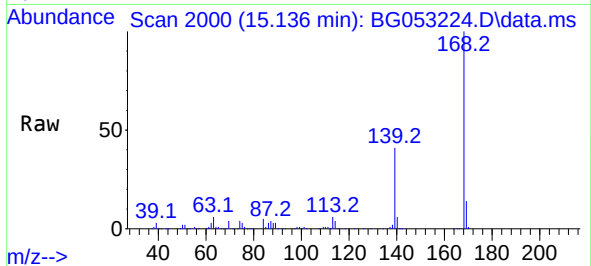
Tgt Ion:184 Resp: 88150  
Ion Ratio Lower Upper  
184 100  
63 67.5 51.8 77.6  
154 73.4 47.8 71.6#





#55  
Dibenzenofuran  
Concen: 41.635 ng  
RT: 15.136 min Scan# 2000  
Delta R.T. -0.006 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31

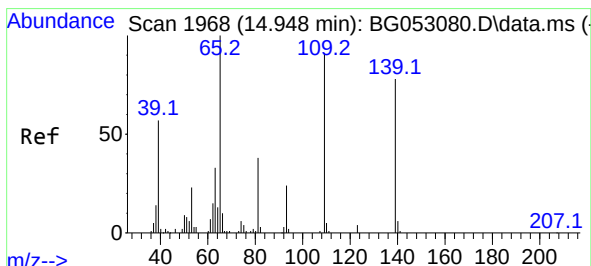
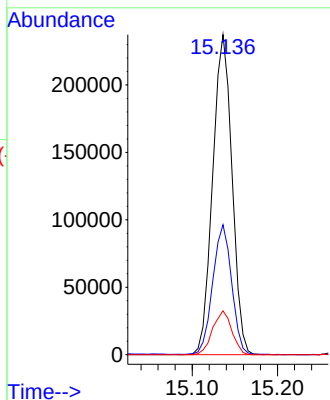
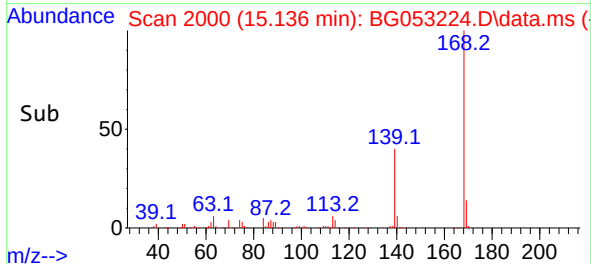
Instrument :  
BNA\_G  
ClientSampleId :  
KR-1MSD



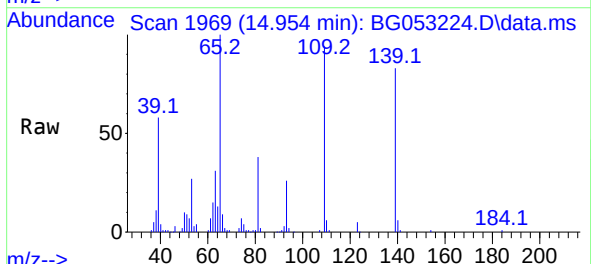
Tgt Ion:168 Resp: 373599  
Ion Ratio Lower Upper  
168 100  
139 40.6 30.2 45.4  
169 13.7 10.7 16.1

Manual Integrations  
APPROVED

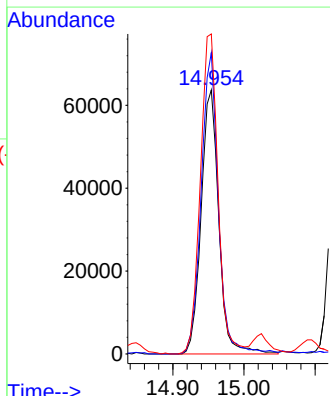
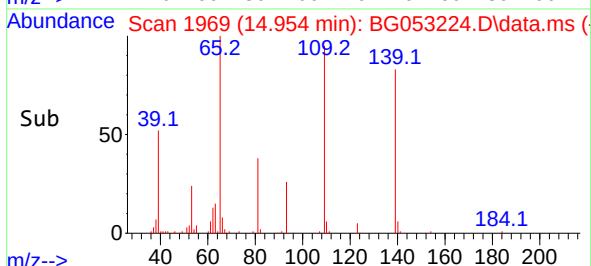
Reviewed By :Jagrut Upadhyay 04/21/2022  
Supervised By :mohammad ahmed 04/26/2022

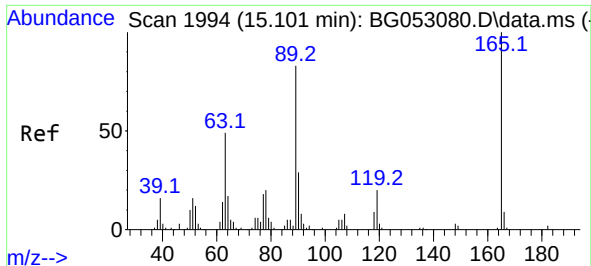


#56  
4-Nitrophenol  
Concen: 87.293 ng  
RT: 14.954 min Scan# 1969  
Delta R.T. 0.006 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31



Tgt Ion:139 Resp: 110369  
Ion Ratio Lower Upper  
139 100  
109 114.1 67.1 107.1#  
65 121.2 88.2 128.2





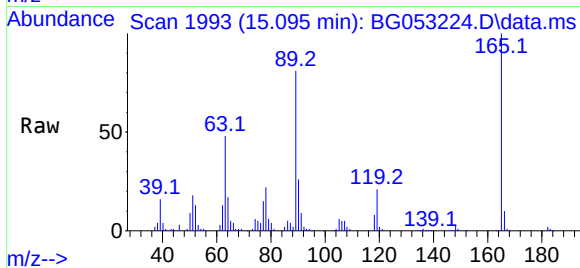
#57  
2,4-Dinitrotoluene  
Concen: 42.696 ng  
RT: 15.095 min Scan# 1993  
Delta R.T. -0.006 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31

Instrument :

BNA\_G

ClientSampleId :

KR-1MSD

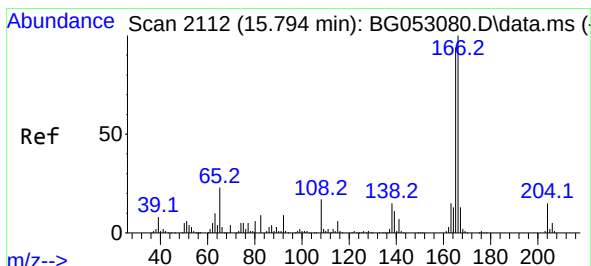
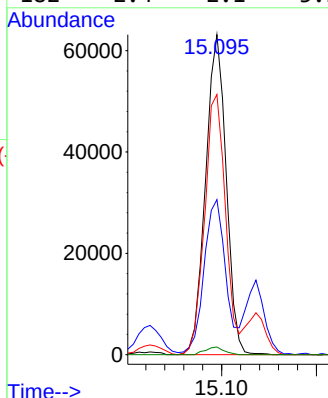
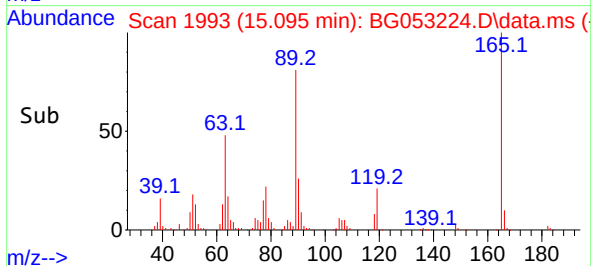


Tgt Ion:165 Resp: 95300  
Ion Ratio Lower Upper  
165 100  
63 48.5 34.8 52.2  
89 81.3 57.4 86.0  
182 2.4 2.1 3.1

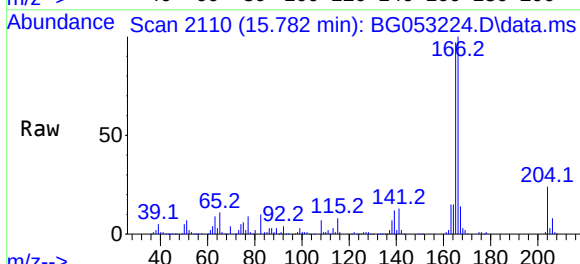
Manual Integrations

APPROVED

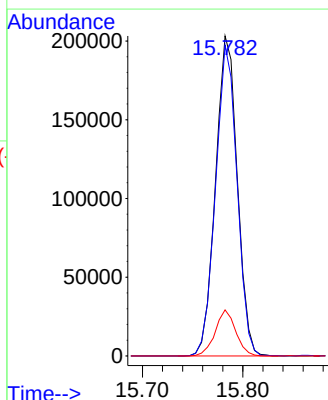
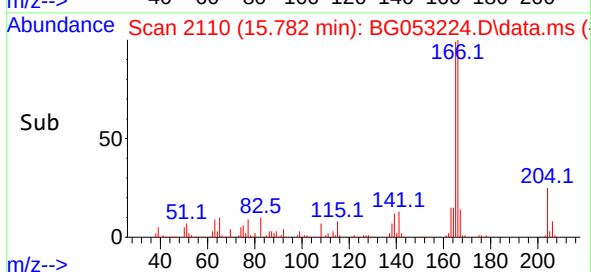
Reviewed By :Jagrut Upadhyay 04/21/2022  
Supervised By :mohammad ahmed 04/26/2022



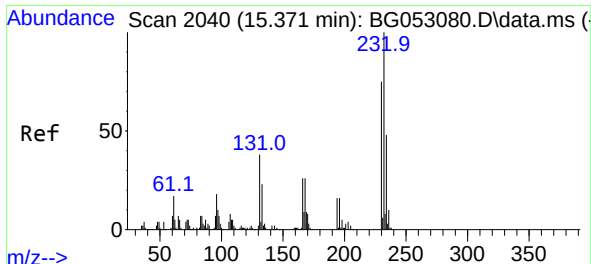
#58  
Fluorene  
Concen: 42.073 ng  
RT: 15.782 min Scan# 2110  
Delta R.T. -0.012 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31



Tgt Ion:166 Resp: 304925  
Ion Ratio Lower Upper  
166 100  
165 97.1 78.6 117.8  
167 14.4 10.9 16.3

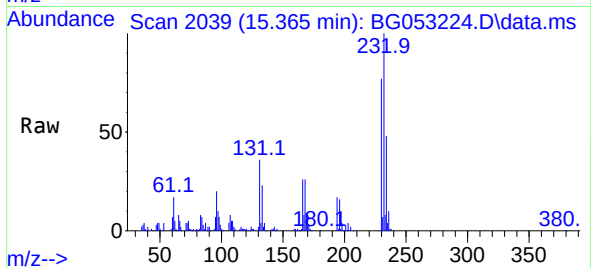






#59  
2,3,4,6-Tetrachlorophenol  
Concen: 41.927 ng  
RT: 15.365 min Scan# 2040  
Delta R.T. -0.006 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31

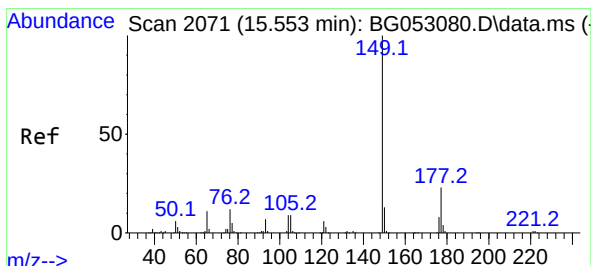
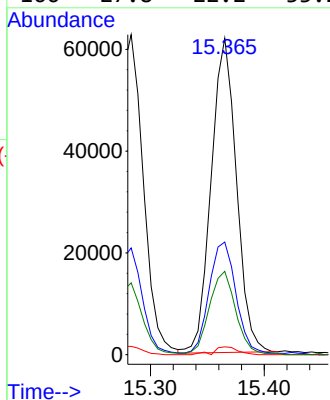
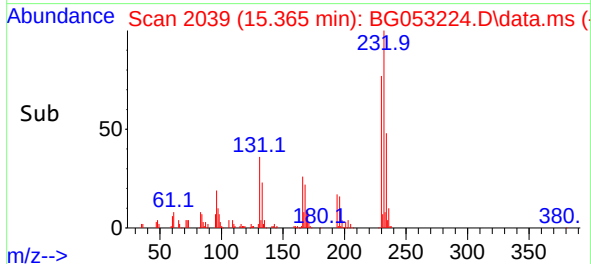
Instrument :  
BNA\_G  
ClientSampleId :  
KR-1MSD



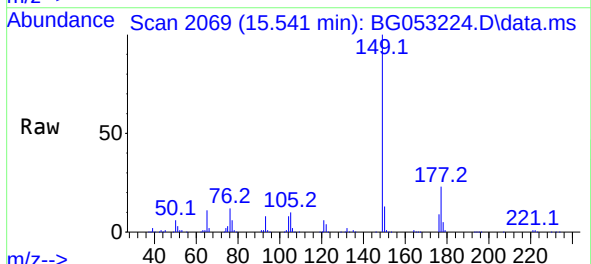
Tgt Ion:232 Resp: 95461  
Ion Ratio Lower Upper  
232 100  
131 37.5 30.1 45.1  
130 2.3 1.8 2.8  
166 27.8 22.2 33.2

Manual Integrations  
APPROVED

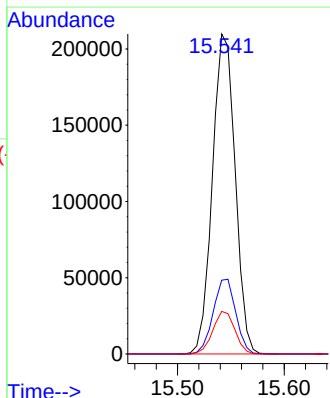
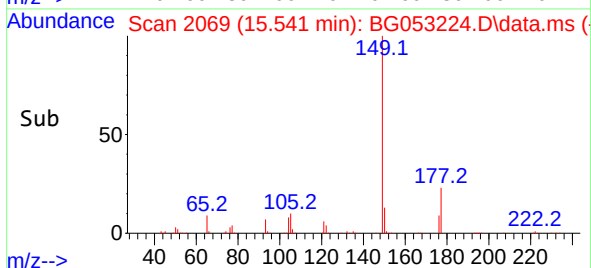
Reviewed By :Jagrut Upadhyay 04/21/2022  
Supervised By :mohammad ahmed 04/26/2022

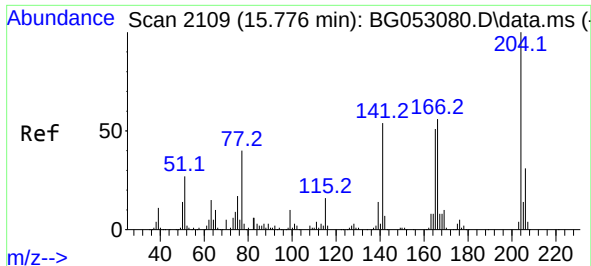


#60  
Diethylphthalate  
Concen: 39.441 ng  
RT: 15.541 min Scan# 2069  
Delta R.T. -0.012 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31



Tgt Ion:149 Resp: 310558  
Ion Ratio Lower Upper  
149 100  
177 23.1 18.2 27.2  
150 13.3 9.9 14.9





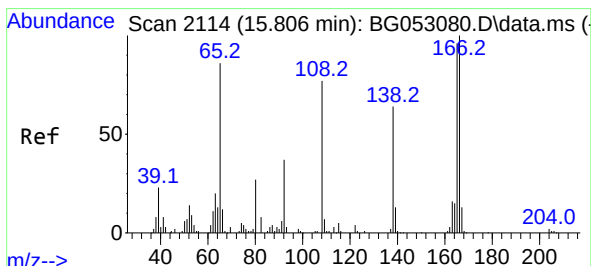
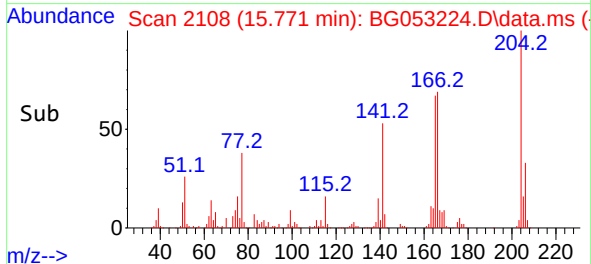
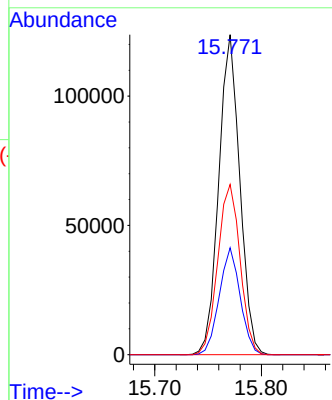
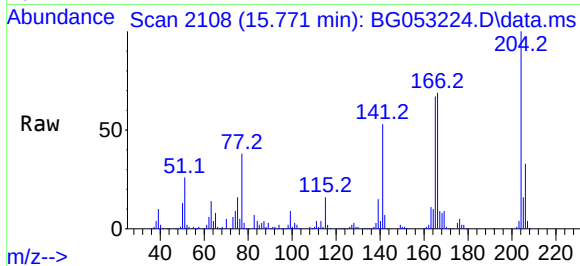
#61  
4-Chlorophenyl-phenylether  
Concen: 41.183 ng  
RT: 15.771 min Scan# 2109  
Delta R.T. -0.006 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31

Instrument :  
BNA\_G  
ClientSampleId :  
KR-1MSD

Tgt Ion:204 Resp: 16919  
Ion Ratio Lower Upper  
204 100  
206 33.4 28.3 42.5  
141 53.2 45.8 68.8

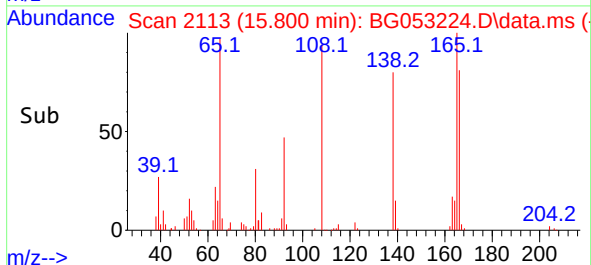
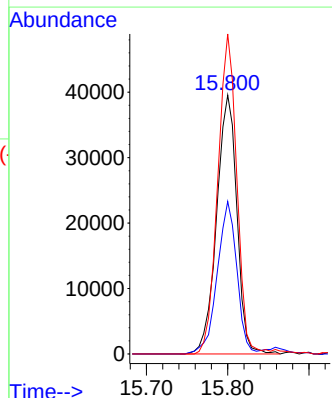
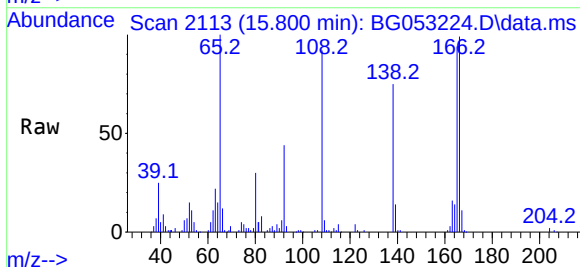
Manual Integrations  
APPROVED

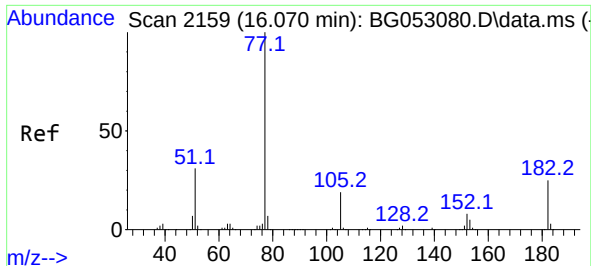
Reviewed By :Jagrut Upadhyay 04/21/2022  
Supervised By :mohammad ahmed 04/26/2022



#62  
4-Nitroaniline  
Concen: 39.217 ng  
RT: 15.800 min Scan# 2113  
Delta R.T. -0.006 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31

Tgt Ion:138 Resp: 68603  
Ion Ratio Lower Upper  
138 100  
92 58.9 33.3 73.3  
108 123.6 74.2 114.2#





#63  
Azobenzene  
Concen: 40.060 ng  
RT: 16.064 min Scan# 2159  
Delta R.T. -0.006 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31

Instrument :

BNA\_G

ClientSampleId :

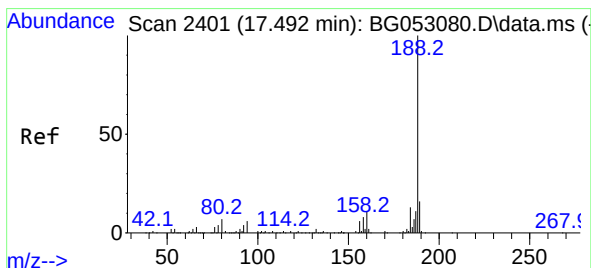
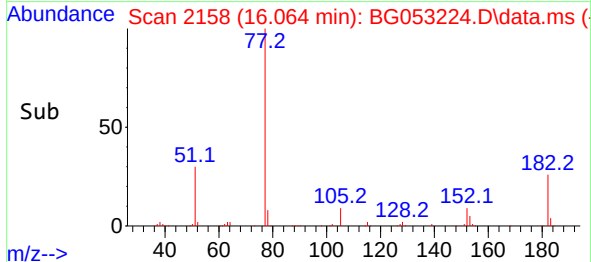
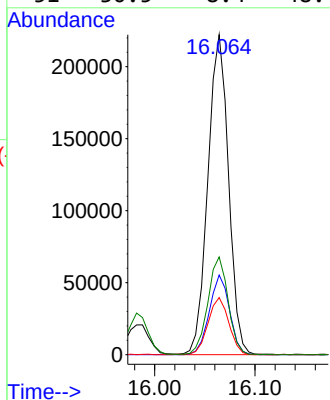
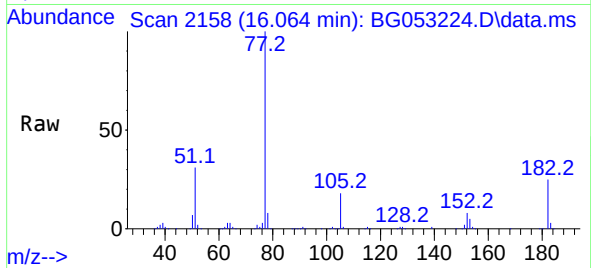
KR-1MSD

Tgt Ion: 77 Resp: 318024  
Ion Ratio Lower Upper  
77 100  
182 24.9 5.6 45.6  
105 17.9 0.0 38.8  
51 30.5 8.4 48.4

Manual Integrations

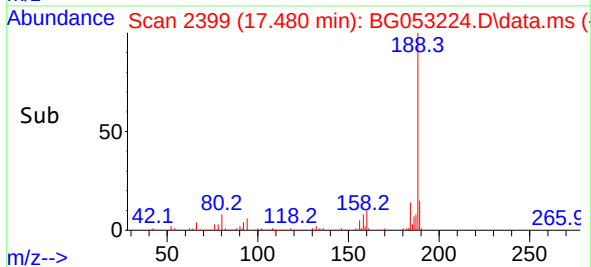
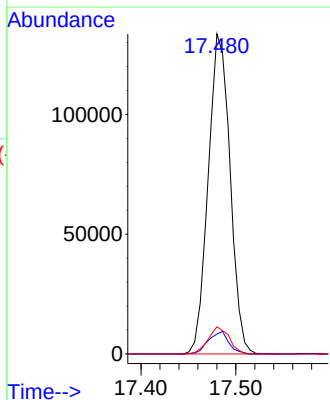
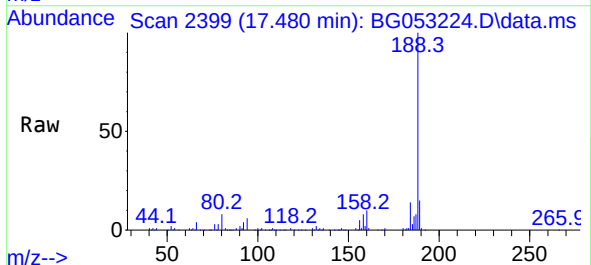
APPROVED

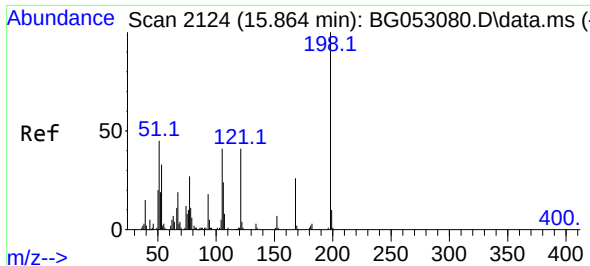
Reviewed By :Jagrut Upadhyay 04/21/2022  
Supervised By :mohammad ahmed 04/26/2022



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.480 min Scan# 2399  
Delta R.T. -0.012 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31

Tgt Ion:188 Resp: 214297  
Ion Ratio Lower Upper  
188 100  
94 6.2 5.7 8.5  
80 8.5 7.2 10.8





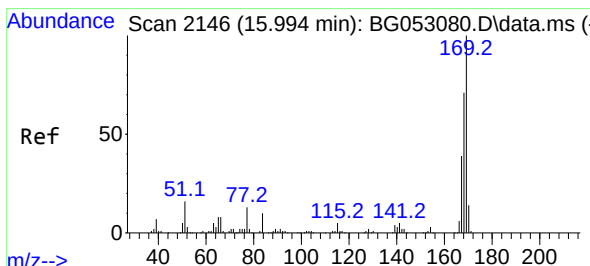
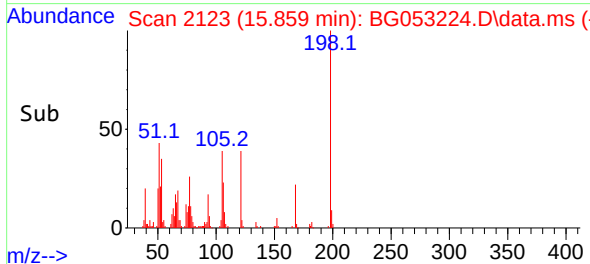
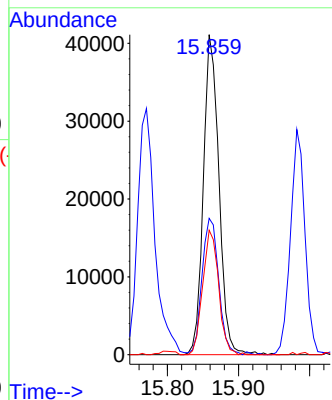
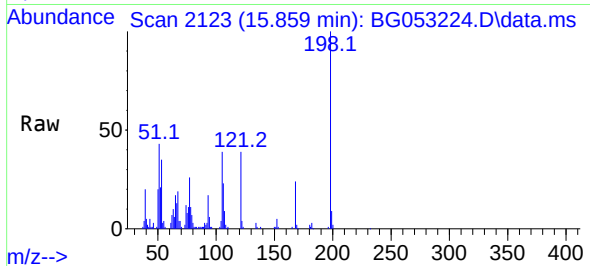
#65  
4,6-Dinitro-2-methylphenol  
Concen: 41.974 ng  
RT: 15.859 min Scan# 2123  
Delta R.T. -0.006 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31

Instrument :  
BNA\_G  
ClientSampleId :  
KR-1MSD

Tgt Ion:198 Resp: 6275  
Ion Ratio Lower Upper  
198 100  
51 42.6 21.7 61.7  
105 38.9 20.8 60.8

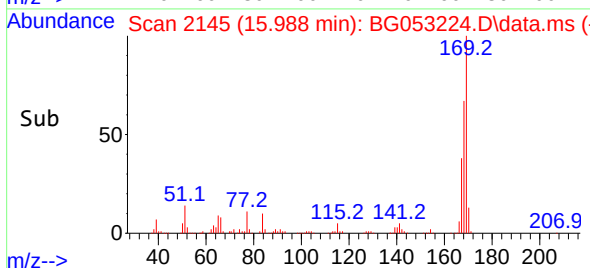
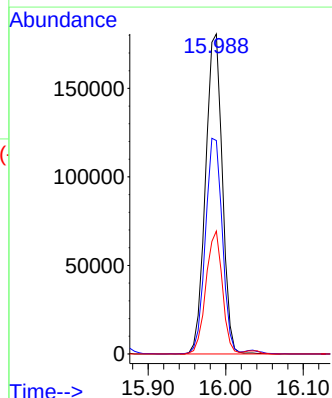
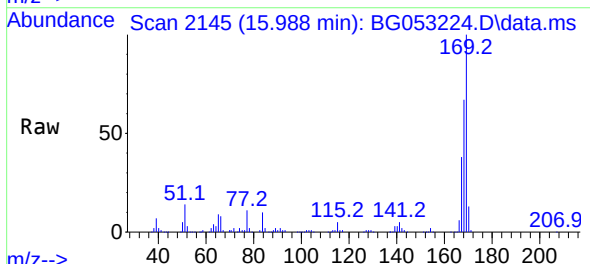
Manual Integrations  
APPROVED

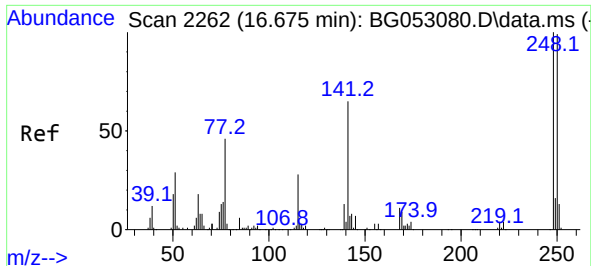
Reviewed By :Jagrut Upadhyay 04/21/2022  
Supervised By :mohammad ahmed 04/26/2022



#66  
n-Nitrosodiphenylamine  
Concen: 44.058 ng  
RT: 15.988 min Scan# 2145  
Delta R.T. -0.006 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31

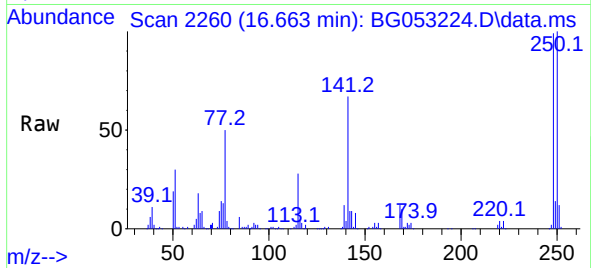
Tgt Ion:169 Resp: 271509  
Ion Ratio Lower Upper  
169 100  
168 66.7 54.5 81.7  
167 38.4 29.6 44.4





#67  
4-Bromophenyl-phenylether  
Concen: 43.095 ng  
RT: 16.663 min Scan# 211  
Delta R.T. -0.012 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31

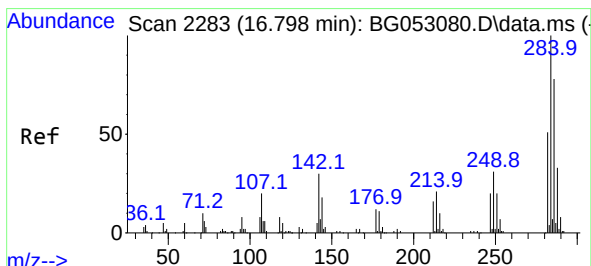
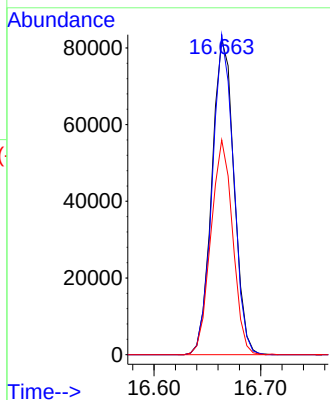
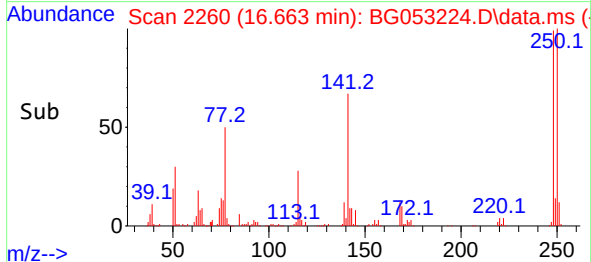
Instrument :  
BNA\_G  
ClientSampleId :  
KR-1MSD



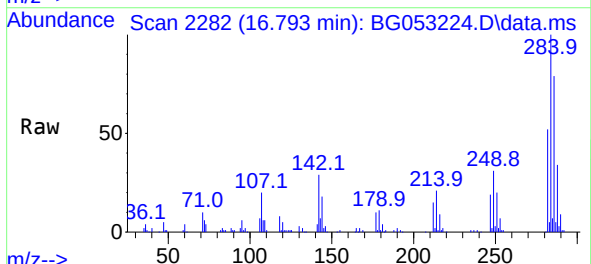
Tgt Ion:248 Resp: 118334  
Ion Ratio Lower Upper  
248 100  
250 101.5 77.9 116.9  
141 68.1 49.2 73.8

Manual Integrations  
APPROVED

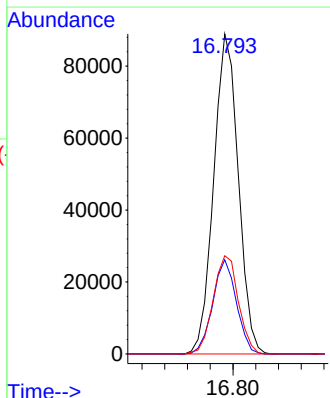
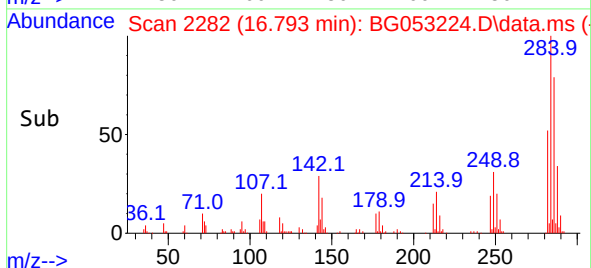
Reviewed By :Jagrut Upadhyay 04/21/2022  
Supervised By :mohammad ahmed 04/26/2022

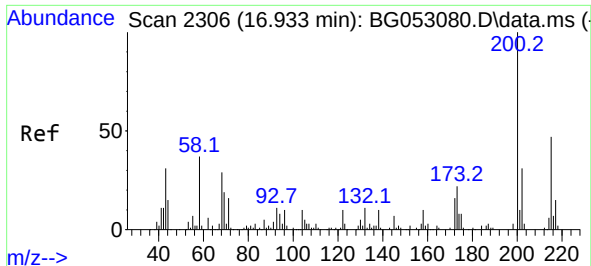


#68  
Hexachlorobenzene  
Concen: 44.794 ng  
RT: 16.793 min Scan# 2282  
Delta R.T. -0.006 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31



Tgt Ion:284 Resp: 133203  
Ion Ratio Lower Upper  
284 100  
142 29.5 21.0 31.4  
249 30.7 22.7 34.1





#69  
Atrazine  
Concen: 47.735 ng  
RT: 16.928 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31

Instrument :

BNA\_G

ClientSampleId :

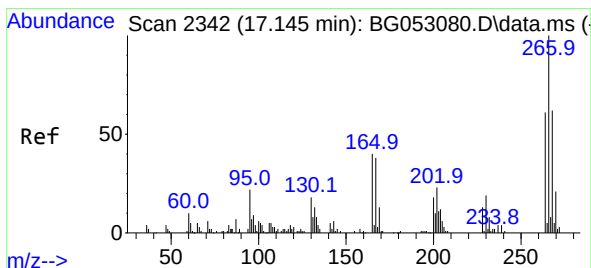
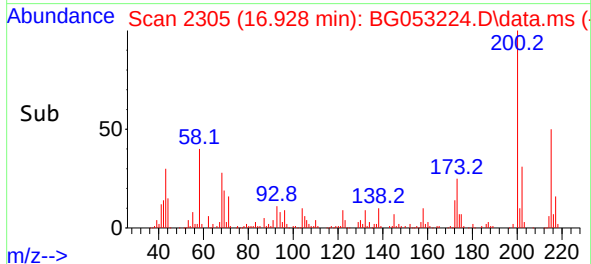
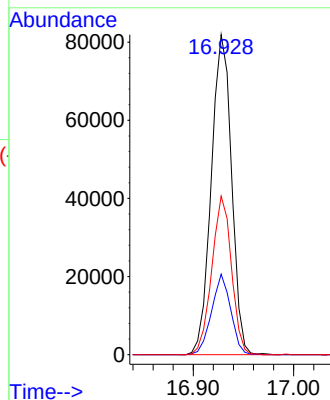
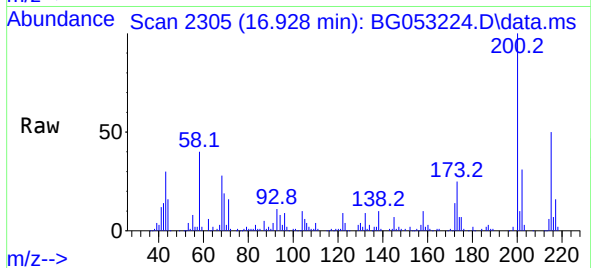
KR-1MSD

Tgt Ion:200 Resp: 11490  
Ion Ratio Lower Upper  
200 100  
173 25.2 3.8 43.8  
215 49.5 26.3 66.3

Manual Integrations

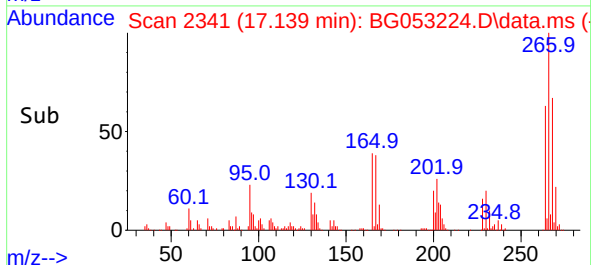
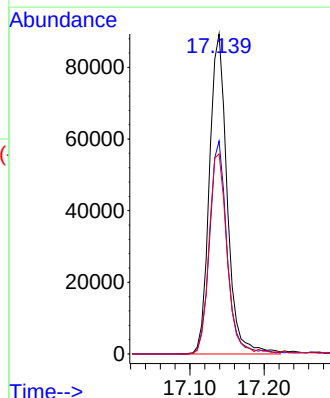
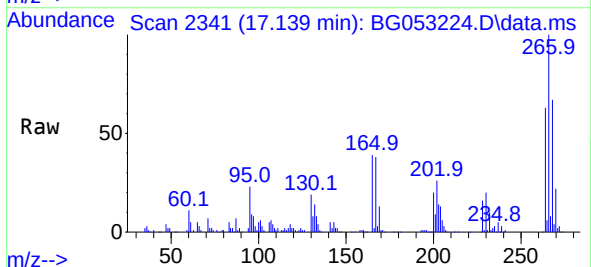
APPROVED

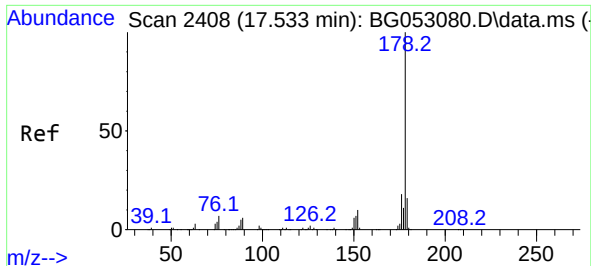
Reviewed By :Jagrut Upadhyay 04/21/2022  
Supervised By :mohammad ahmed 04/26/2022



#70  
Pentachlorophenol  
Concen: 91.409 ng  
RT: 17.139 min Scan# 2341  
Delta R.T. -0.006 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31

Tgt Ion:266 Resp: 148557  
Ion Ratio Lower Upper  
266 100  
268 66.5 45.9 68.9  
264 62.6 45.3 67.9





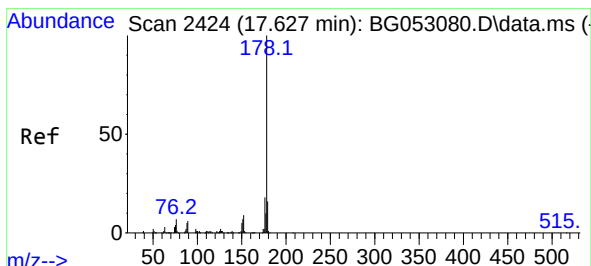
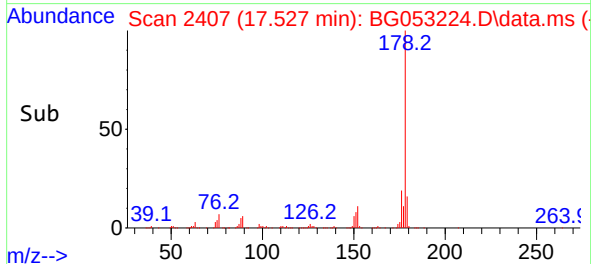
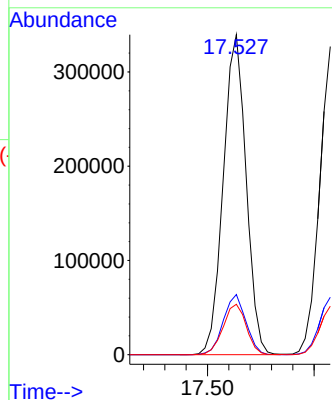
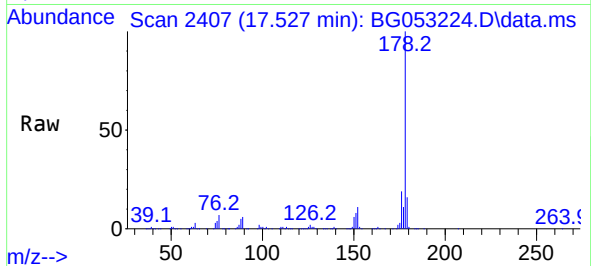
#71  
Phenanthrene  
Concen: 43.102 ng  
RT: 17.527 min Scan# 2407  
Delta R.T. -0.006 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31

Instrument :  
BNA\_G  
ClientSampleId :  
KR-1MSD

Tgt Ion:178 Resp: 50451  
Ion Ratio Lower Upper  
178 100  
176 18.8 15.9 23.9  
179 15.7 13.4 20.2

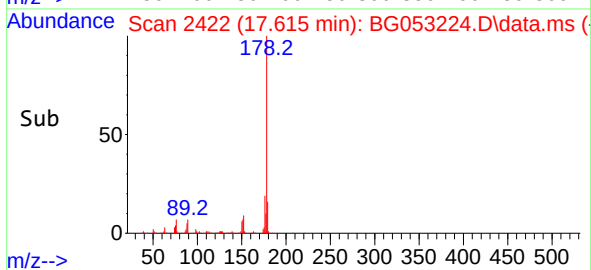
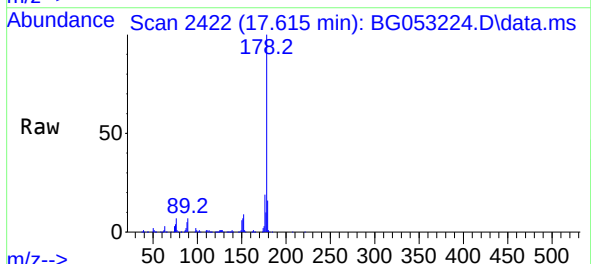
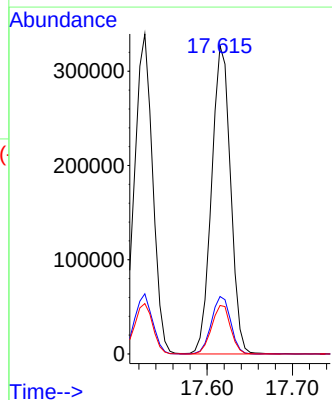
Manual Integrations  
APPROVED

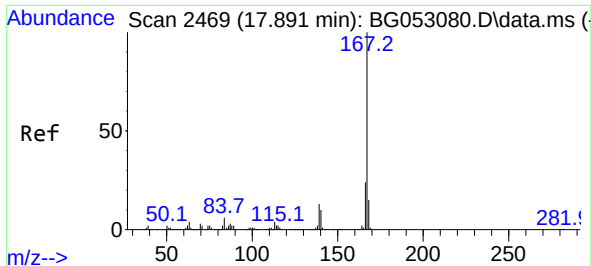
Reviewed By :Jagrut Upadhyay 04/21/2022  
Supervised By :mohammad ahmed 04/26/2022



#72  
Anthracene  
Concen: 43.613 ng  
RT: 17.615 min Scan# 2422  
Delta R.T. -0.012 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31

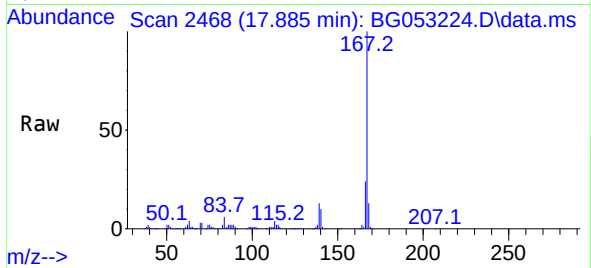
Tgt Ion:178 Resp: 505748  
Ion Ratio Lower Upper  
178 100  
176 18.7 14.7 22.1  
179 15.7 13.2 19.8





#73  
Carbazole  
Concen: 41.102 ng  
RT: 17.885 min Scan# 2468  
Delta R.T. -0.006 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31

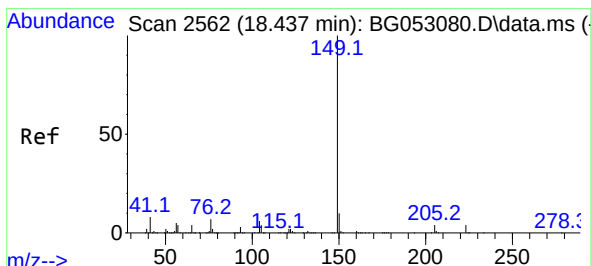
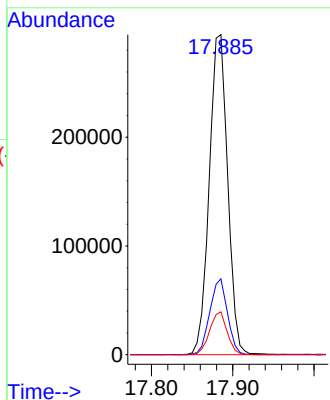
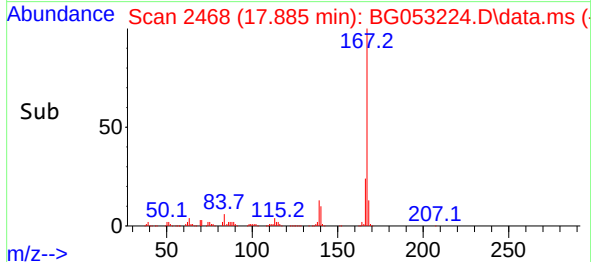
Instrument :  
BNA\_G  
ClientSampleId :  
KR-1MSD



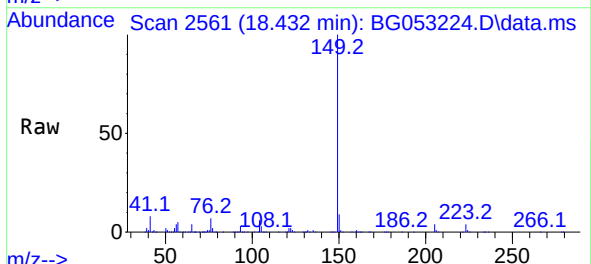
Tgt Ion:167 Resp: 463311  
Ion Ratio Lower Upper  
167 100  
166 23.7 18.5 27.7  
139 13.4 10.0 15.0

Manual Integrations  
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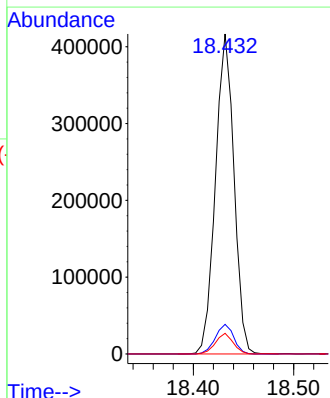
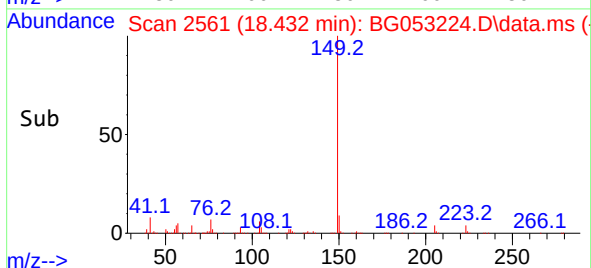
Reviewed By :Jagrut Upadhyay 04/21/2022  
Supervised By :mohammad ahmed 04/26/2022



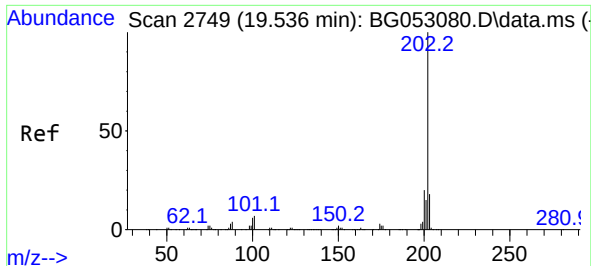
#74  
Di-n-butylphthalate  
Concen: 41.788 ng  
RT: 18.432 min Scan# 2561  
Delta R.T. -0.006 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31



Tgt Ion:149 Resp: 534232  
Ion Ratio Lower Upper  
149 100  
150 9.2 7.0 10.6  
104 6.4 4.6 7.0

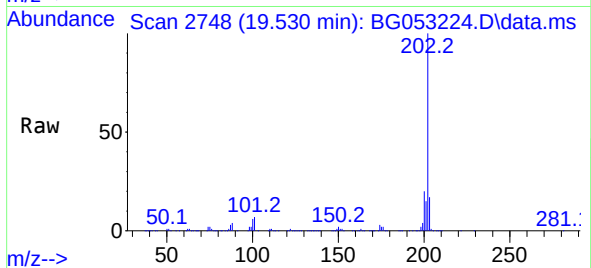






#75  
Fluoranthene  
Concen: 42.835 ng  
RT: 19.530 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31

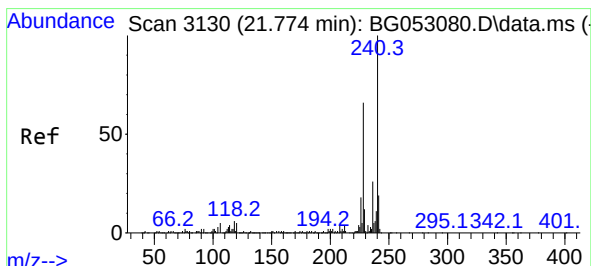
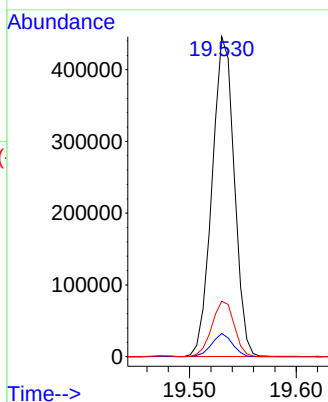
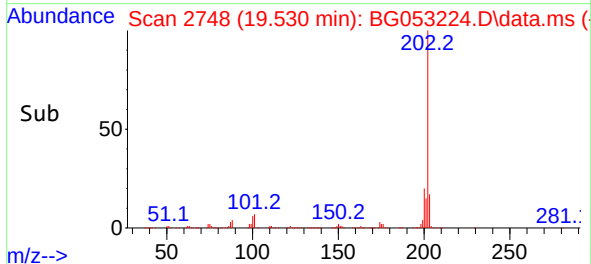
Instrument :  
BNA\_G  
ClientSampleId :  
KR-1MSD



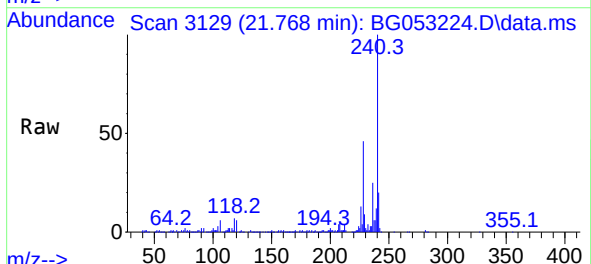
Tgt Ion:202 Resp: 64270  
Ion Ratio Lower Upper  
202 100  
101 7.2 0.0 27.3  
203 17.3 0.0 37.7

Manual Integrations  
APPROVED

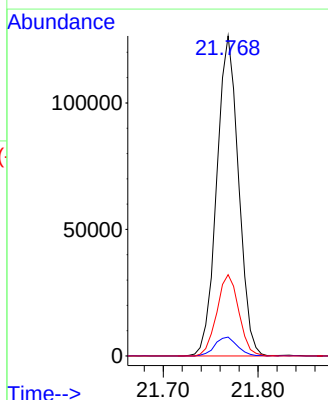
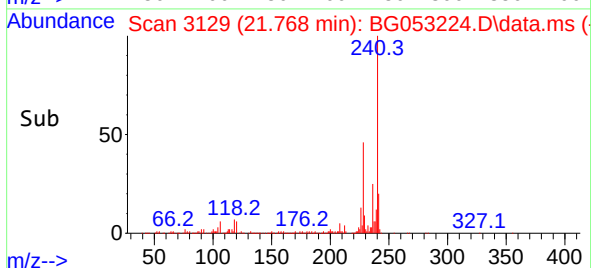
Reviewed By :Jagrut Upadhyay 04/21/2022  
Supervised By :mohammad ahmed 04/26/2022

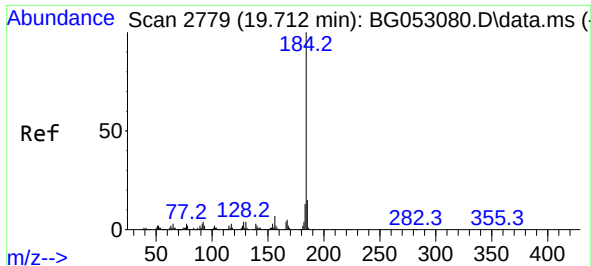


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.768 min Scan# 3129  
Delta R.T. -0.006 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31



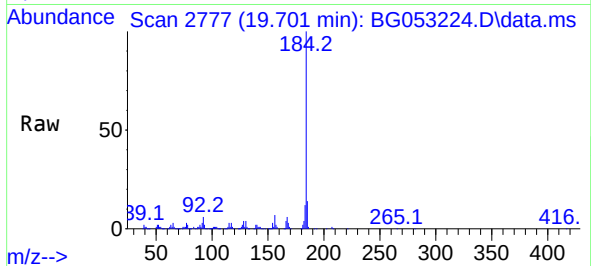
Tgt Ion:240 Resp: 202155  
Ion Ratio Lower Upper  
240 100  
120 5.9 5.4 8.0  
236 25.4 19.8 29.6





#77  
Benzidine  
Concen: 48.332 ng  
RT: 19.701 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31

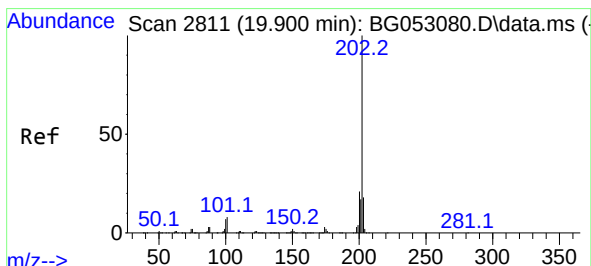
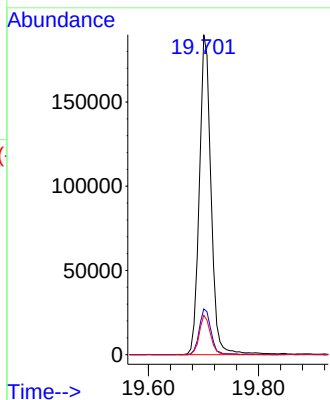
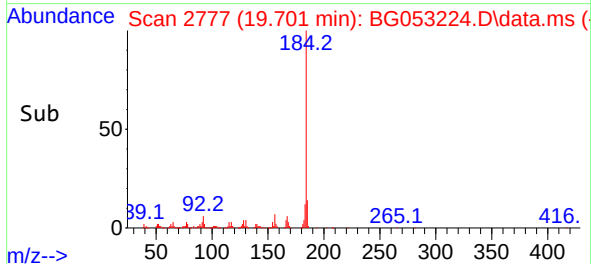
Instrument :  
BNA\_G  
ClientSampleId :  
KR-1MSD



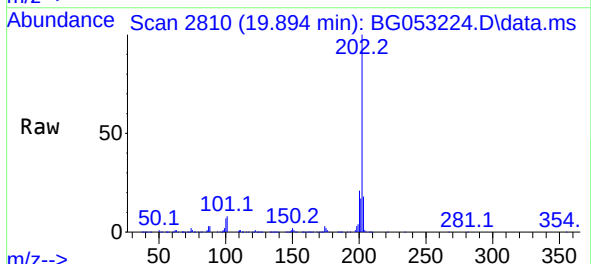
Tgt Ion:184 Resp: 27876  
Ion Ratio Lower Upper  
184 100  
185 14.3 11.5 17.3  
183 12.3 9.4 14.2

Manual Integrations  
APPROVED

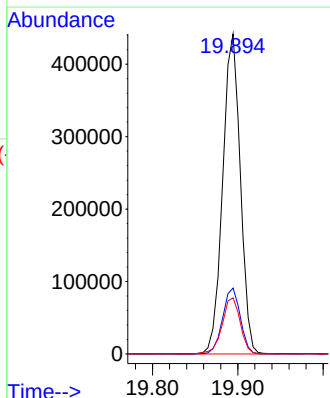
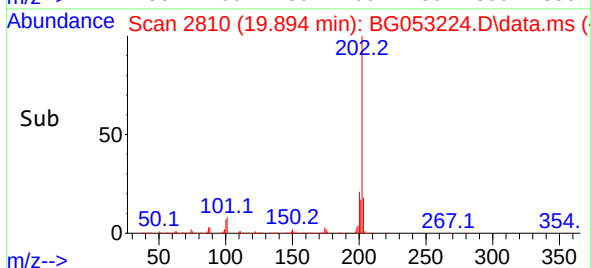
Reviewed By :Jagrut Upadhyay 04/21/2022  
Supervised By :mohammad ahmed 04/26/2022

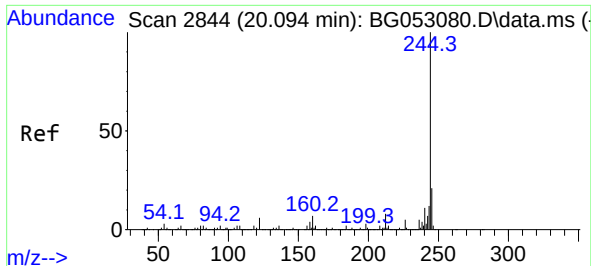


#78  
Pyrene  
Concen: 43.974 ng  
RT: 19.894 min Scan# 2810  
Delta R.T. -0.006 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31



Tgt Ion:202 Resp: 633121  
Ion Ratio Lower Upper  
202 100  
200 20.6 17.0 25.6  
203 17.6 15.0 22.6





#79  
 Terphenyl-d14  
 Concen: 79.853 ng  
 RT: 20.082 min Scan# 21  
 Delta R.T. -0.012 min  
 Lab File: BG053224.D  
 Acq: 20 Apr 2022 20:31

Instrument :

BNA\_G

ClientSampleId :

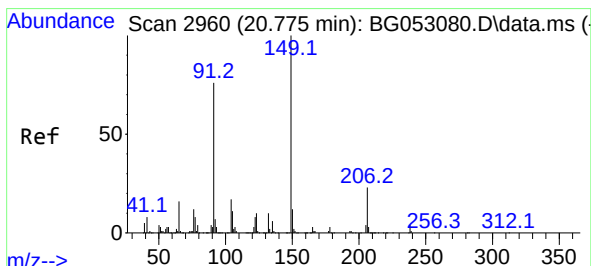
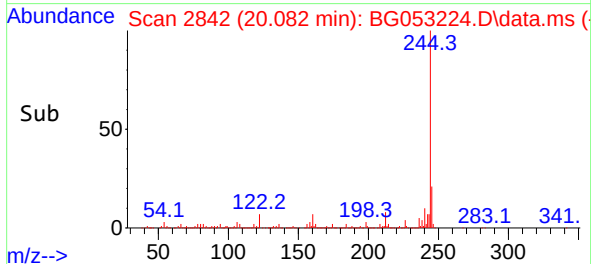
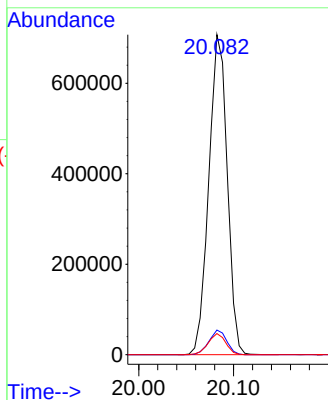
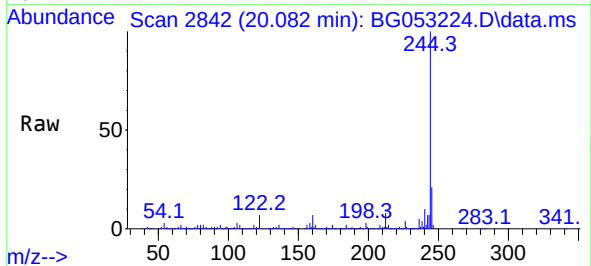
KR-1MSD

Tgt Ion:244 Resp: 955809  
 Ion Ratio Lower Upper  
 244 100  
 212 7.7 5.4 8.2  
 122 6.6 5.8 8.6

Manual Integrations

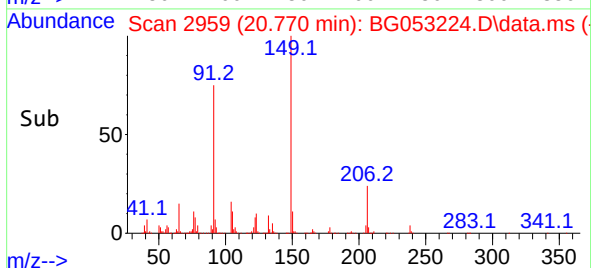
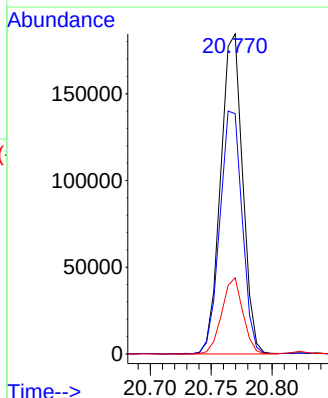
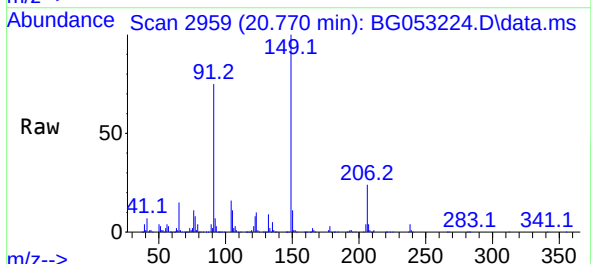
APPROVED

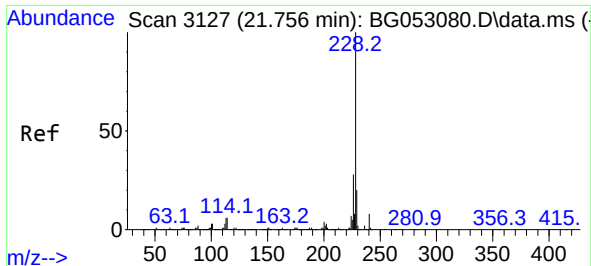
Reviewed By :Jagrut Upadhyay 04/21/2022  
 Supervised By :mohammad ahmed 04/26/2022



#80  
 Butylbenzylphthalate  
 Concen: 43.275 ng  
 RT: 20.770 min Scan# 2959  
 Delta R.T. -0.006 min  
 Lab File: BG053224.D  
 Acq: 20 Apr 2022 20:31

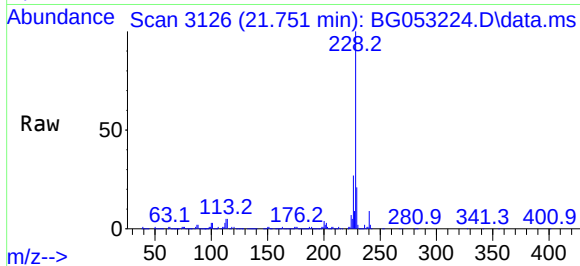
Tgt Ion:149 Resp: 232283  
 Ion Ratio Lower Upper  
 149 100  
 91 75.1 60.2 90.4  
 206 23.8 19.4 29.2





#81  
Benzo(a)anthracene  
Concen: 44.210 ng  
RT: 21.751 min Scan# 3110  
Delta R.T. -0.006 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31

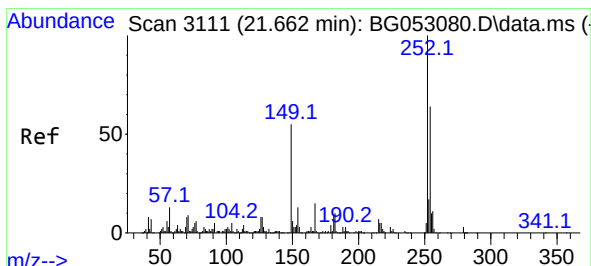
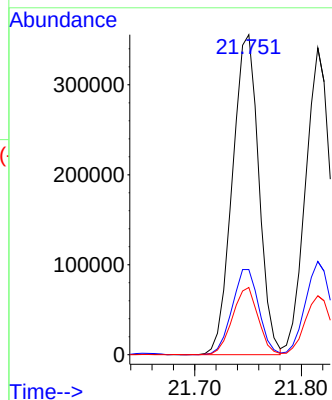
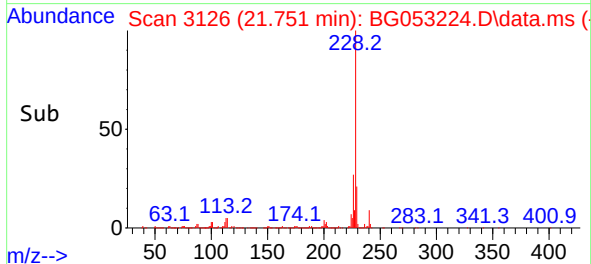
Instrument :  
BNA\_G  
ClientSampleId :  
KR-1MSD



Tgt Ion:228 Resp: 611070  
Ion Ratio Lower Upper  
228 100  
226 26.6 21.4 32.0  
229 21.0 16.7 25.1

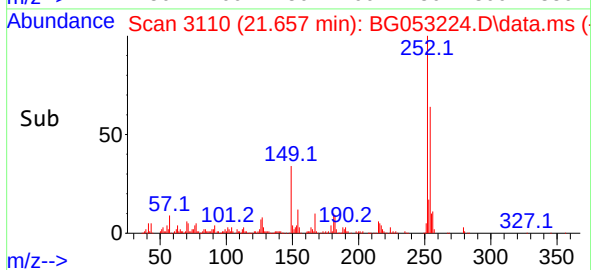
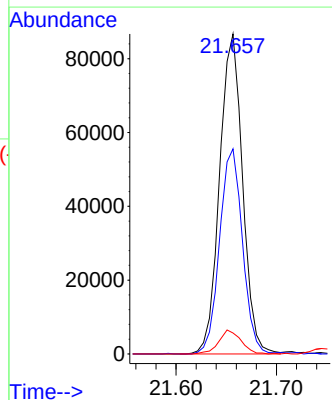
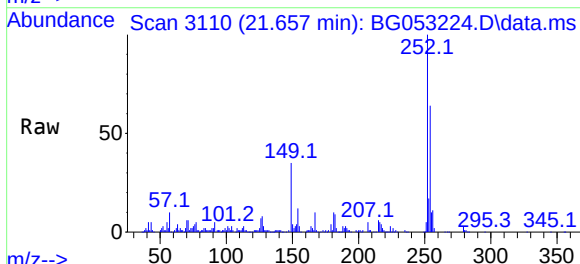
Manual Integrations  
APPROVED

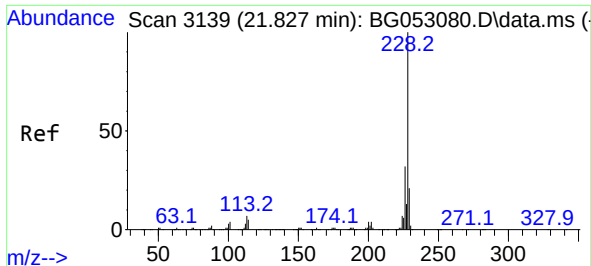
Reviewed By :Jagrut Upadhyay 04/21/2022  
Supervised By :mohammad ahmed 04/26/2022



#82  
3,3'-Dichlorobenzidine  
Concen: 27.081 ng  
RT: 21.657 min Scan# 3110  
Delta R.T. -0.006 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31

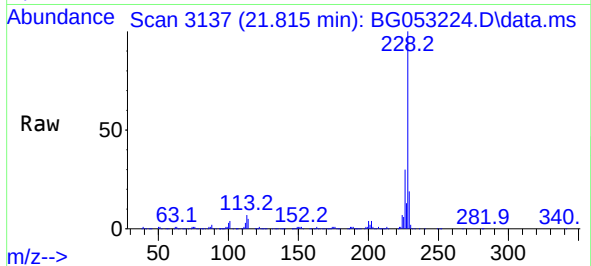
Tgt Ion:252 Resp: 137660  
Ion Ratio Lower Upper  
252 100  
254 64.1 51.2 76.8  
126 6.6 5.8 8.8





#83  
Chrysene  
Concen: 43.293 ng  
RT: 21.815 min Scan# 3139  
Delta R.T. -0.012 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31

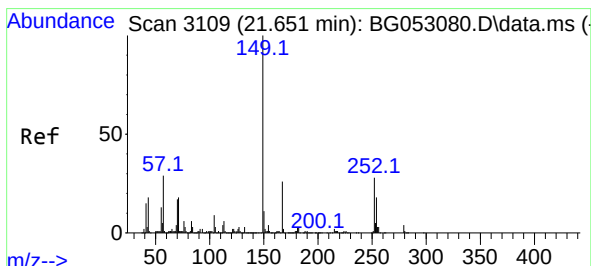
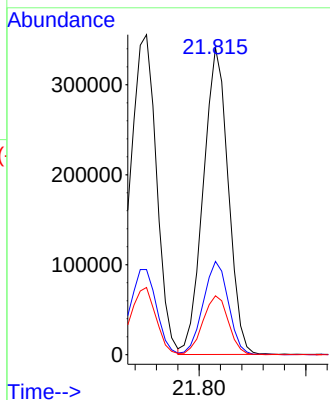
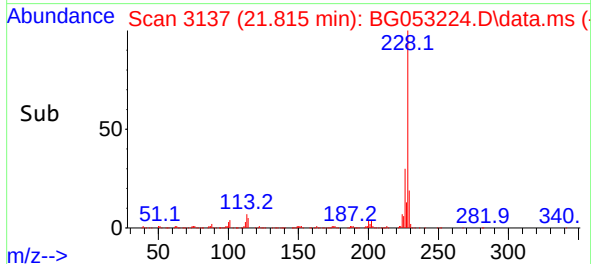
Instrument :  
BNA\_G  
ClientSampleId :  
KR-1MSD



Tgt Ion:228 Resp: 555350  
Ion Ratio Lower Upper  
228 100  
226 30.4 24.2 36.4  
229 19.2 16.3 24.5

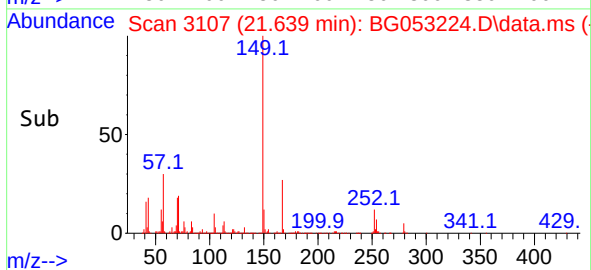
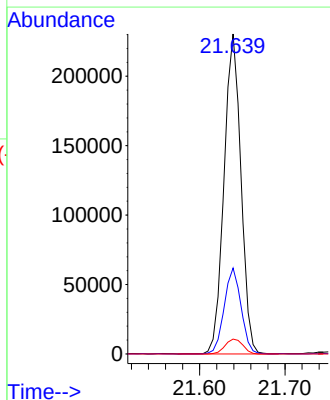
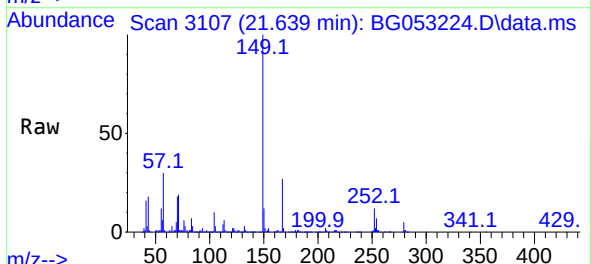
Manual Integrations  
APPROVED

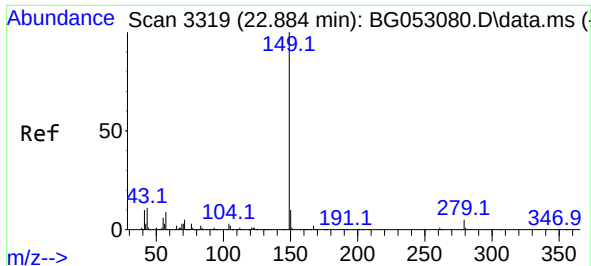
Reviewed By :Jagrut Upadhyay 04/21/2022  
Supervised By :mohammad ahmed 04/26/2022



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 43.780 ng  
RT: 21.639 min Scan# 3107  
Delta R.T. -0.012 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31

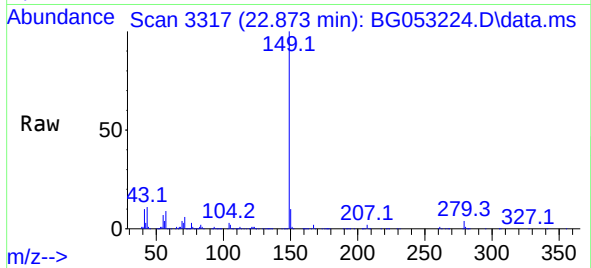
Tgt Ion:149 Resp: 317645  
Ion Ratio Lower Upper  
149 100  
167 26.9 21.4 32.2  
279 4.6 3.8 5.8





#85  
Di-n-octyl phthalate  
Concen: 44.565 ng  
RT: 22.873 min Scan# 31  
Delta R.T. -0.012 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31

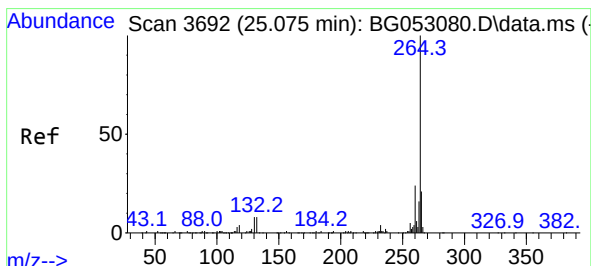
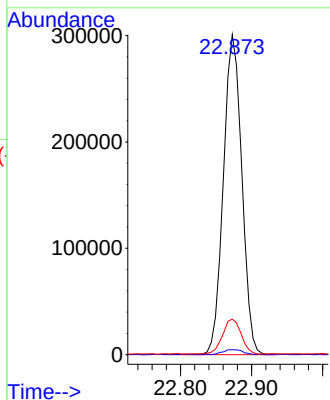
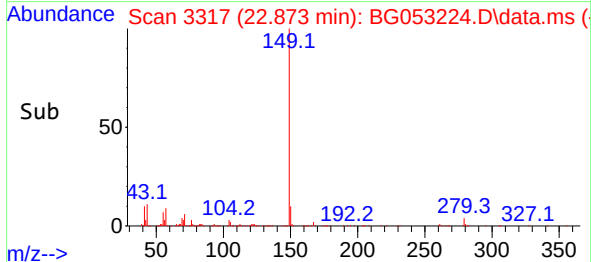
Instrument :  
BNA\_G  
ClientSampleId :  
KR-1MSD



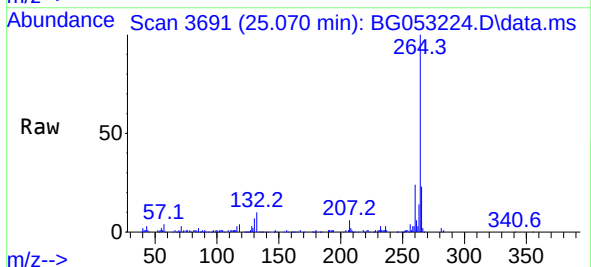
Tgt Ion:149 Resp: 540772  
Ion Ratio Lower Upper  
149 100  
167 1.8 1.2 1.8  
43 11.1 7.6 11.4

Manual Integrations  
APPROVED

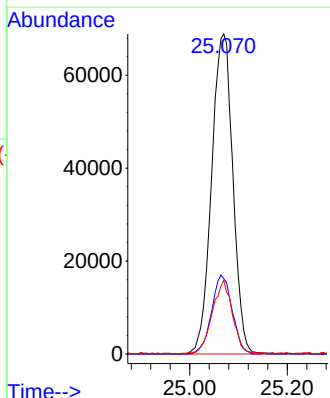
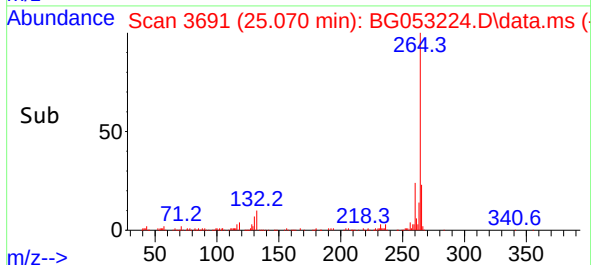
Reviewed By :Jagrut Upadhyay 04/21/2022  
Supervised By :mohammad ahmed 04/26/2022

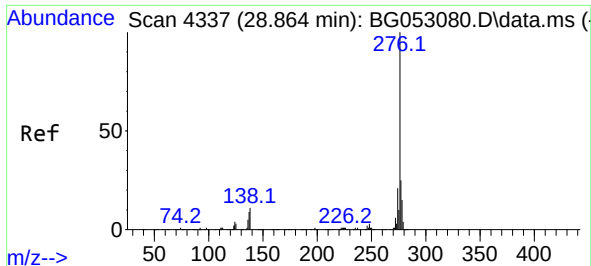


#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.070 min Scan# 3691  
Delta R.T. -0.006 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31



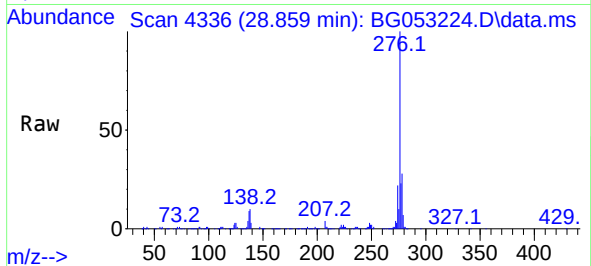
Tgt Ion:264 Resp: 208566  
Ion Ratio Lower Upper  
264 100  
260 23.6 18.2 27.2  
265 23.0 15.1 22.7#





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 43.125 ng  
RT: 28.859 min Scan# 41  
Delta R.T. -0.006 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31

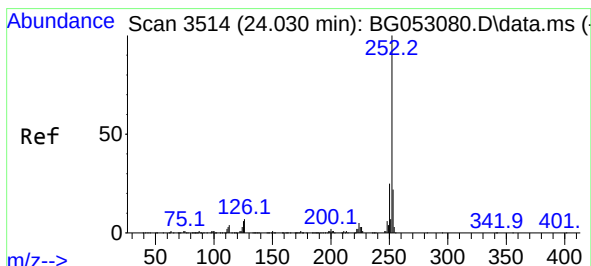
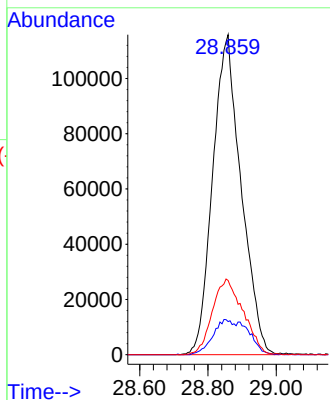
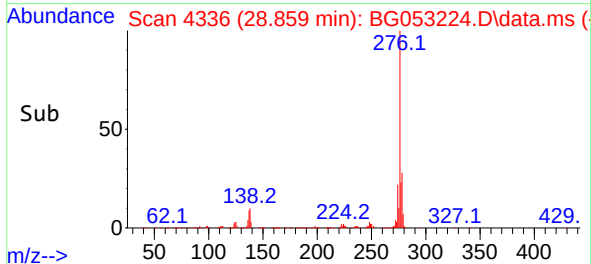
Instrument :  
BNA\_G  
ClientSampleId :  
KR-1MSD



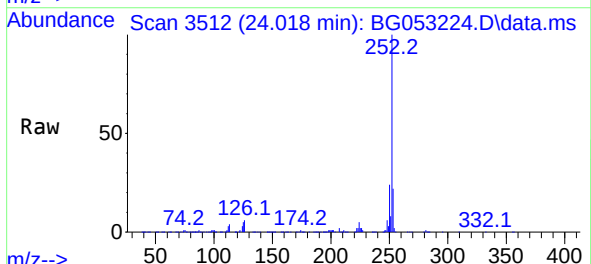
Tgt Ion:276 Resp: 66823  
Ion Ratio Lower Upper  
276 100  
138 8.4 8.7 13.1  
277 25.6 20.2 30.4

Manual Integrations  
APPROVED

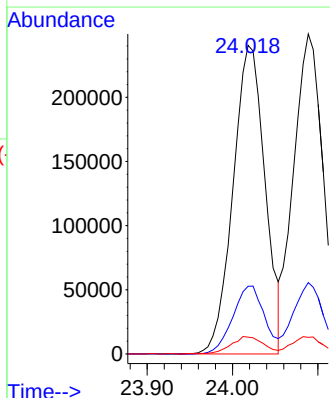
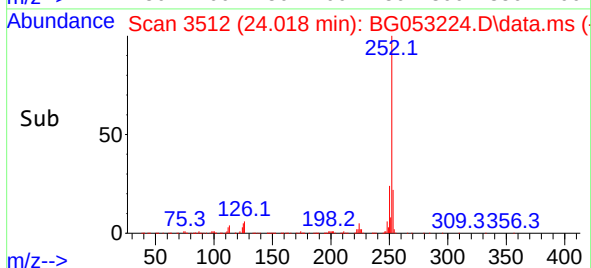
Reviewed By :Jagrut Upadhyay 04/21/2022  
Supervised By :mohammad ahmed 04/26/2022

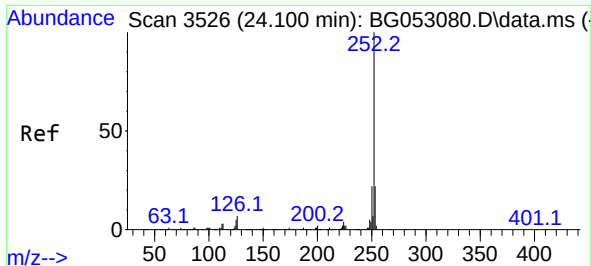


#88  
Benzo(b)fluoranthene  
Concen: 47.632 ng  
RT: 24.018 min Scan# 3512  
Delta R.T. -0.012 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31



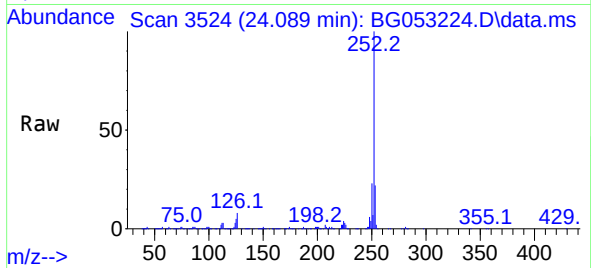
Tgt Ion:252 Resp: 626806  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.2 25.8  
125 5.5 5.2 7.8





#89  
Benzo(k)fluoranthene  
Concen: 46.324 ng  
RT: 24.089 min Scan# 31  
Delta R.T. -0.012 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31

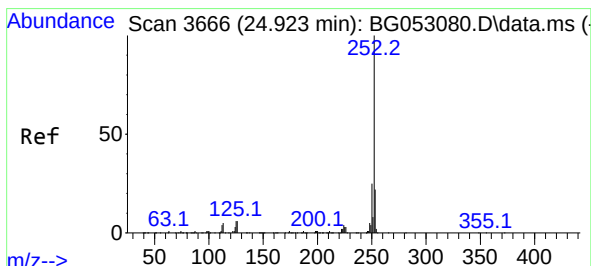
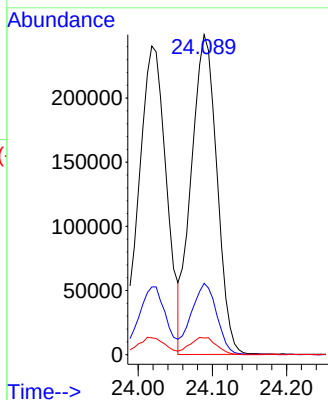
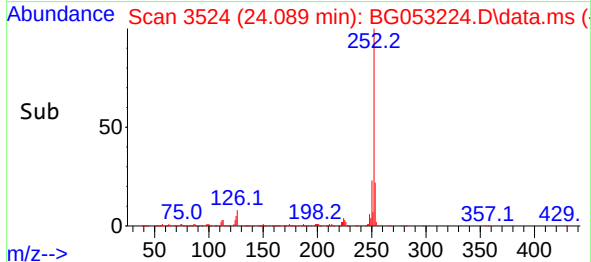
Instrument :  
BNA\_G  
ClientSampleId :  
KR-1MSD



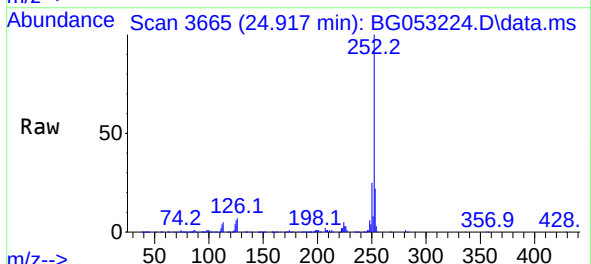
Tgt Ion:252 Resp: 599114  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.4 26.0  
125 5.2 5.0 7.4

Manual Integrations  
APPROVED

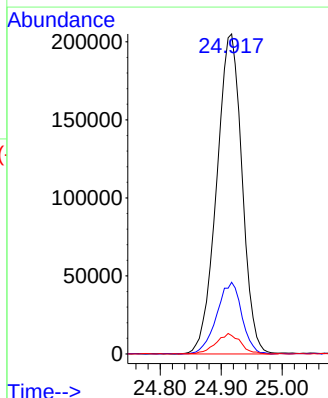
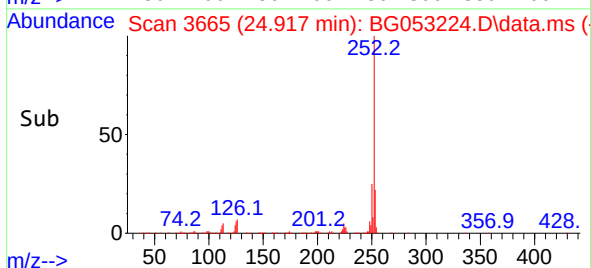
Reviewed By :Jagrut Upadhyay 04/21/2022  
Supervised By :mohammad ahmed 04/26/2022



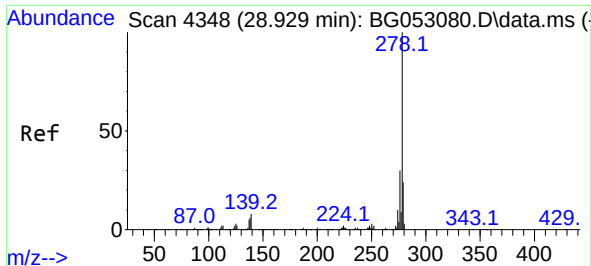
#90  
Benzo(a)pyrene  
Concen: 52.856 ng  
RT: 24.917 min Scan# 3665  
Delta R.T. -0.006 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31



Tgt Ion:252 Resp: 592541  
Ion Ratio Lower Upper  
252 100  
253 22.4 18.4 27.6  
125 5.7 5.6 8.4

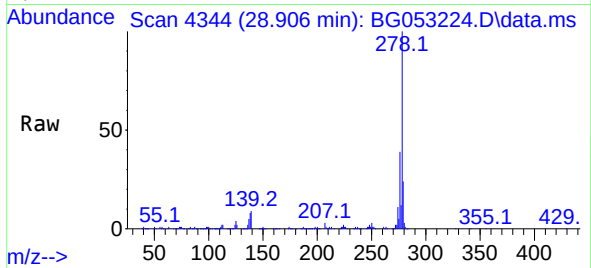






#91  
Dibenzo(a,h)anthracene  
Concen: 45.242 ng  
RT: 28.906 min Scan# 41  
Delta R.T. -0.023 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31

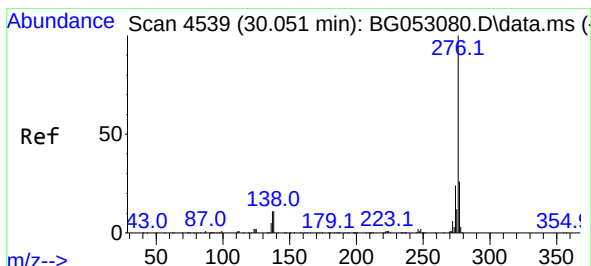
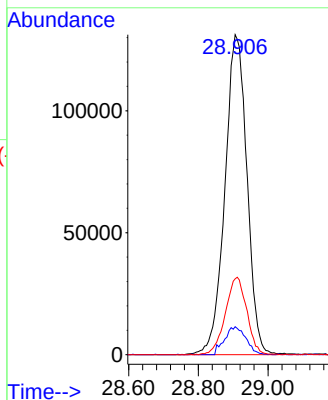
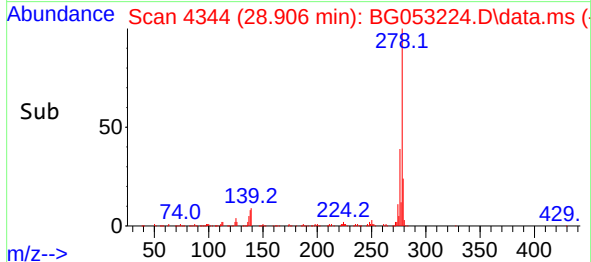
Instrument :  
BNA\_G  
ClientSampleId :  
KR-1MSD



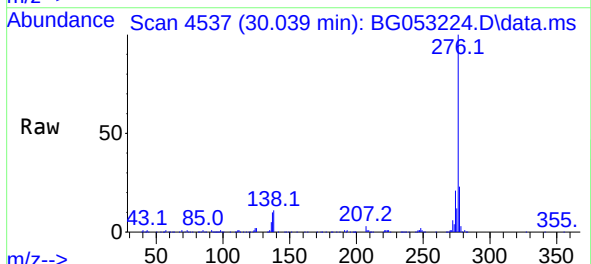
Tgt Ion:278 Resp: 57699  
Ion Ratio Lower Upper  
278 100  
139 8.7 7.8 11.6  
279 23.7 18.5 27.7

Manual Integrations  
APPROVED

Reviewed By :Jagrut Upadhyay 04/21/2022  
Supervised By :mohammad ahmed 04/26/2022



#92  
Benzo(g,h,i)perylene  
Concen: 46.015 ng  
RT: 30.039 min Scan# 4537  
Delta R.T. -0.012 min  
Lab File: BG053224.D  
Acq: 20 Apr 2022 20:31



Tgt Ion:276 Resp: 578415  
Ion Ratio Lower Upper  
276 100  
277 23.3 18.2 27.2  
138 10.5 9.1 13.7

