

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG050322\  
 Data File : BG053413.D  
 Acq On : 3 May 2022 12:05  
 Operator : CG/JU  
 Sample : PB144515BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB144515BS

Quant Time: May 04 06:06:00 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG040822.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 04 06:03:03 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.098  | 152  | 28696    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.912 | 136  | 116509   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.725 | 164  | 87557    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.468 | 188  | 211122   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.751 | 240  | 224592   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 25.040 | 264  | 229606   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.666  | 112  | 224868   | 134.327 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.264  | 99   | 316711   | 122.683 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.262  | 82   | 218881   | 76.280  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.217 | 330  | 155720   | 111.788 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.350 | 172  | 472536   | 74.418  | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.070 | 244  | 994774   | 74.806  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.546  | 88   | 24347    | 30.455  | ng    | 96       |
| 3) Pyridine                   | 3.945  | 79   | 62129    | 29.466  | ng    | # 94     |
| 4) n-Nitrosodimethylamine     | 3.857  | 42   | 43956    | 42.098  | ng    | # 92     |
| 6) Aniline                    | 7.423  | 93   | 113003   | 37.771  | ng    | 96       |
| 8) 2-Chlorophenol             | 7.670  | 128  | 80745    | 44.678  | ng    | 97       |
| 9) Benzaldehyde               | 7.229  | 77   | 59512    | 38.566  | ng    | 88       |
| 10) Phenol                    | 7.294  | 94   | 109780   | 42.722  | ng    | 90       |
| 11) bis(2-Chloroethyl)ether   | 7.511  | 93   | 75868    | 40.958  | ng    | 90       |
| 12) 1,3-Dichlorobenzene       | 7.987  | 146  | 84610    | 40.289  | ng    | 95       |
| 13) 1,4-Dichlorobenzene       | 8.134  | 146  | 83274    | 38.895  | ng    | 96       |
| 14) 1,2-Dichlorobenzene       | 8.457  | 146  | 81746    | 39.594  | ng    | 94       |
| 15) Benzyl Alcohol            | 8.339  | 79   | 91517    | 39.884  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.621  | 45   | 123724   | 40.007  | ng    | 97       |
| 17) 2-Methylphenol            | 8.545  | 107  | 73814    | 42.449  | ng    | 95       |
| 18) Hexachloroethane          | 9.185  | 117  | 32538    | 40.528  | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 8.903  | 70   | 72593    | 38.410  | ng    | 97       |
| 20) 3+4-Methylphenols         | 8.874  | 107  | 99134    | 40.385  | ng    | 91       |
| 22) Acetophenone              | 8.921  | 105  | 127563   | 39.465  | ng    | # 94     |
| 24) Nitrobenzene              | 9.309  | 77   | 112854   | 40.435  | ng    | # 89     |
| 25) Isophorone                | 9.826  | 82   | 197538   | 40.502  | ng    | 99       |
| 26) 2-Nitrophenol             | 10.019 | 139  | 47024    | 40.292  | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 10.078 | 122  | 78075    | 46.710  | ng    | 91       |
| 28) bis(2-Chloroethoxy)met... | 10.307 | 93   | 104964   | 38.308  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.560 | 162  | 84111    | 40.028  | ng    | 96       |
| 30) 1,2,4-Trichlorobenzene    | 10.771 | 180  | 89722    | 37.726  | ng    | 96       |
| 31) Naphthalene               | 10.965 | 128  | 241289   | 38.818  | ng    | 99       |
| 32) Benzoic acid              | 10.243 | 122  | 33788    | 32.341  | ng    | 93       |
| 33) 4-Chloroaniline           | 11.065 | 127  | 84177    | 31.623  | ng    | 95       |
| 34) Hexachlorobutadiene       | 11.247 | 225  | 64669    | 36.606  | ng    | 98       |
| 35) Caprolactam               | 11.835 | 113  | 18825    | 25.416  | ng    | # 88     |
| 36) 4-Chloro-3-methylphenol   | 12.187 | 107  | 96473    | 39.436  | ng    | 92       |
| 37) 2-Methylnaphthalene       | 12.557 | 142  | 176873   | 38.455  | ng    | # 95     |
| 38) 1-Methylnaphthalene       | 12.780 | 142  | 167115   | 37.222  | ng    | 92       |
| 40) 1,2,4,5-Tetrachloroben... | 12.927 | 216  | 113323   | 38.108  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.910 | 237  | 115148   | 75.010  | ng    | 94       |
| 43) 2,4,6-Trichlorophenol     | 13.168 | 196  | 73836    | 36.012  | ng    | 96       |

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 Sample : PB144515BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

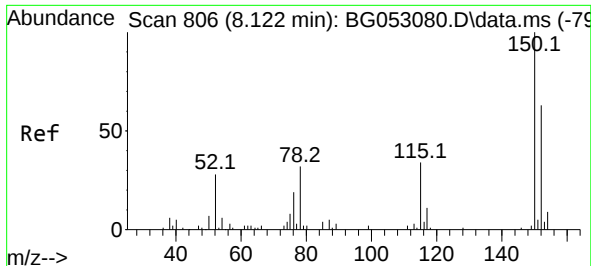
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB144515BS

Quant Time: May 04 06:06:00 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG040822.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 04 06:03:03 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.244 | 196  | 80432    | 36.814 | ng    | 95       |
| 46) 1,1'-Biphenyl             | 13.562 | 154  | 239486   | 37.982 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.603 | 162  | 188040   | 37.380 | ng    | 96       |
| 48) 2-Nitroaniline            | 13.803 | 65   | 75598    | 39.599 | ng    | 94       |
| 49) Acenaphthylene            | 14.449 | 152  | 318995   | 40.509 | ng    | 97       |
| 50) Dimethylphthalate         | 14.173 | 163  | 263617   | 37.643 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.296 | 165  | 57625    | 39.443 | ng    | 86       |
| 52) Acenaphthene              | 14.789 | 154  | 178581   | 33.441 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.625 | 138  | 51998    | 33.659 | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 14.836 | 184  | 62584    | 67.324 | ng    | # 84     |
| 55) Dibenzofuran              | 15.124 | 168  | 308467   | 36.889 | ng    | 98       |
| 56) 4-Nitrophenol             | 14.942 | 139  | 92006    | 78.089 | ng    | # 74     |
| 57) 2,4-Dinitrotoluene        | 15.083 | 165  | 82294    | 39.565 | ng    | # 83     |
| 58) Fluorene                  | 15.770 | 166  | 254459   | 37.677 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.353 | 232  | 77898    | 36.714 | ng    | 100      |
| 60) Diethylphthalate          | 15.530 | 149  | 271512   | 37.003 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 15.759 | 204  | 140363   | 36.663 | ng    | 98       |
| 62) 4-Nitroaniline            | 15.788 | 138  | 63214    | 38.778 | ng    | # 80     |
| 63) Azobenzene                | 16.047 | 77   | 276599   | 37.389 | ng    | 95       |
| 65) 4,6-Dinitro-2-methylph... | 15.853 | 198  | 50551    | 34.320 | ng    | 94       |
| 66) n-Nitrosodiphenylamine    | 15.970 | 169  | 229984   | 37.881 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.652 | 248  | 99909    | 36.932 | ng    | 95       |
| 68) Hexachlorobenzene         | 16.781 | 284  | 109985   | 37.542 | ng    | 92       |
| 69) Atrazine                  | 16.916 | 200  | 102453   | 43.201 | ng    | 98       |
| 70) Pentachlorophenol         | 17.127 | 266  | 111328   | 69.532 | ng    | 89       |
| 71) Phenanthrene              | 17.509 | 178  | 446951   | 38.758 | ng    | 98       |
| 72) Anthracene                | 17.603 | 178  | 450132   | 39.400 | ng    | 98       |
| 73) Carbazole                 | 17.873 | 167  | 424394   | 38.215 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.420 | 149  | 494342   | 39.249 | ng    | 98       |
| 75) Fluoranthene              | 19.518 | 202  | 594023   | 40.186 | ng    | 98       |
| 77) Benzidine                 | 19.689 | 184  | 282447   | 44.077 | ng    | 99       |
| 78) Pyrene                    | 19.883 | 202  | 598896   | 37.442 | ng    | 98       |
| 80) Butylbenzylphthalate      | 20.752 | 149  | 226030   | 37.903 | ng    | 95       |
| 81) Benzo(a)anthracene        | 21.733 | 228  | 600006   | 39.073 | ng    | 97       |
| 82) 3,3'-Dichlorobenzidine    | 21.639 | 252  | 180457   | 31.954 | ng    | 99       |
| 83) Chrysene                  | 21.803 | 228  | 542441   | 38.062 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.621 | 149  | 321097   | 39.835 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.855 | 149  | 541412   | 40.161 | ng    | 97       |
| 87) Indeno(1,2,3-cd)pyrene    | 28.823 | 276  | 665928   | 39.038 | ng    | # 97     |
| 88) Benzo(b)fluoranthene      | 24.000 | 252  | 606333   | 41.854 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 24.065 | 252  | 572483   | 40.209 | ng    | 99       |
| 90) Benzo(a)pyrene            | 24.893 | 252  | 595112   | 48.221 | ng    | 96       |
| 91) Dibenzo(a,h)anthracene    | 28.876 | 278  | 576164   | 41.037 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 30.004 | 276  | 572840   | 41.395 | ng    | 96       |

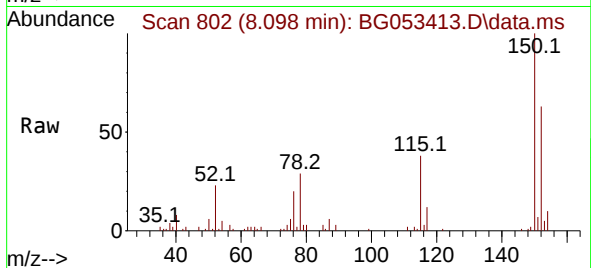
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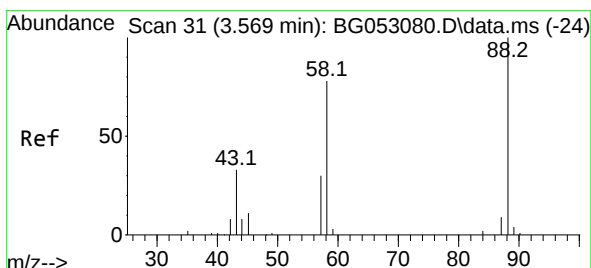
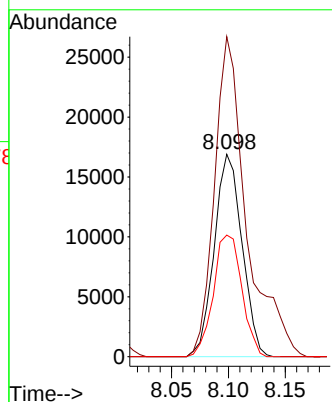
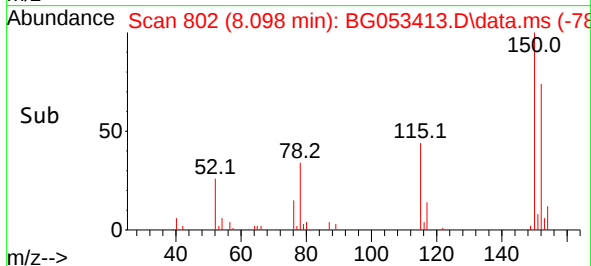


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.098 min Scan# 80  
Delta R.T. 0.002 min  
Lab File: BG053413.D  
Acq: 3 May 2022 12:05

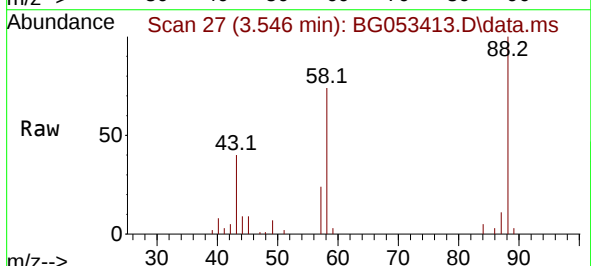
Instrument :  
BNA\_G  
ClientSampleId :  
PB144515BS



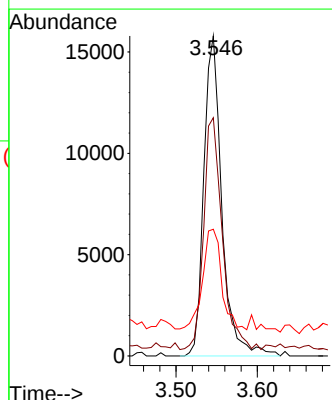
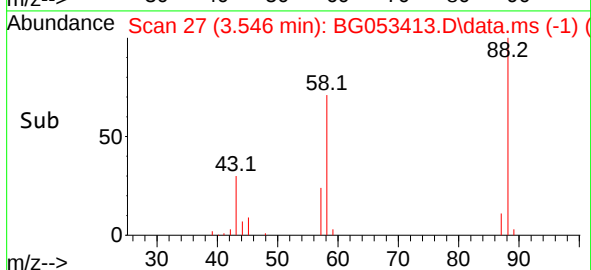
Tgt Ion:152 Resp: 28696  
Ion Ratio Lower Upper  
152 100  
150 158.1 114.6 172.0  
115 60.1 45.9 68.9

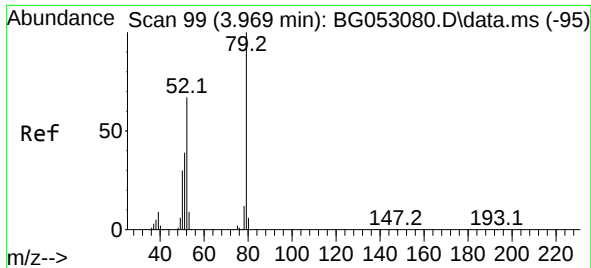


#2  
1,4-Dioxane  
Concen: 30.455 ng  
RT: 3.546 min Scan# 27  
Delta R.T. -0.003 min  
Lab File: BG053413.D  
Acq: 3 May 2022 12:05



Tgt Ion: 88 Resp: 24347  
Ion Ratio Lower Upper  
88 100  
58 74.7 58.2 87.2  
43 33.7 23.4 35.0





#3

Pyridine

Concen: 29.466 ng

RT: 3.945 min Scan# 91

Delta R.T. -0.003 min

Lab File: BG053413.D

Acq: 3 May 2022 12:05

Instrument :

BNA\_G

ClientSampleId :

PB144515BS

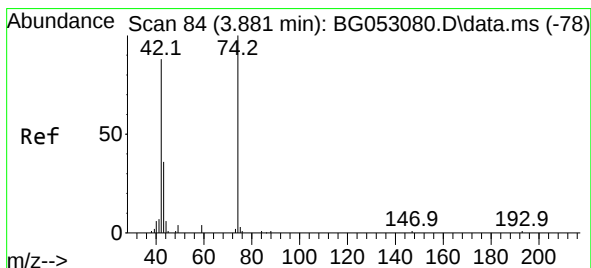
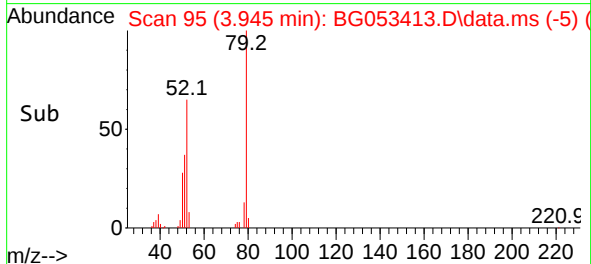
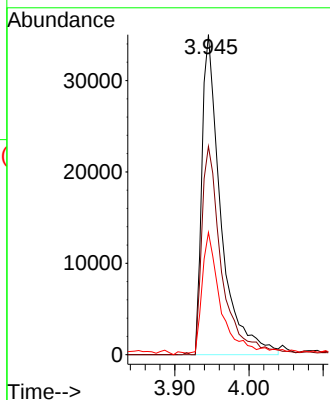
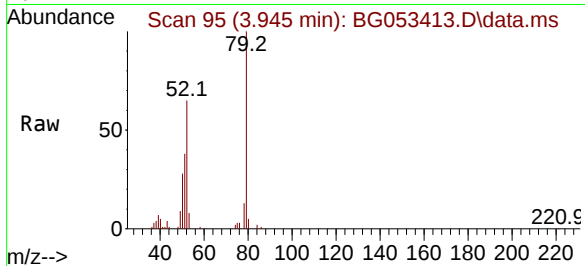
Tgt Ion: 79 Resp: 62129

Ion Ratio Lower Upper

79 100

52 65.1 50.9 76.3

51 38.2 24.4 36.6#



#4

n-Nitrosodimethylamine

Concen: 42.098 ng

RT: 3.857 min Scan# 80

Delta R.T. -0.003 min

Lab File: BG053413.D

Acq: 3 May 2022 12:05

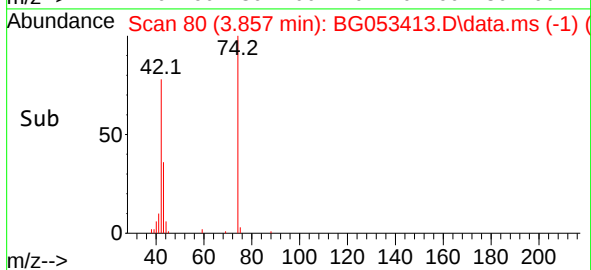
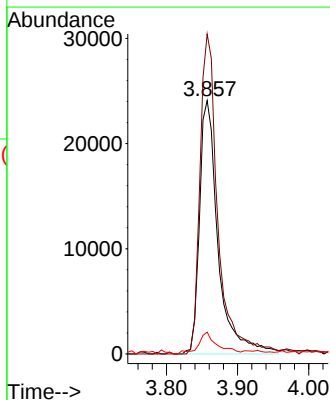
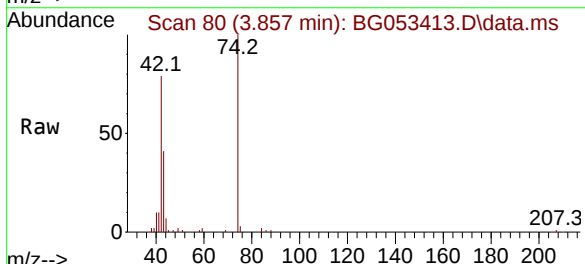
Tgt Ion: 42 Resp: 43956

Ion Ratio Lower Upper

42 100

74 126.3 108.9 163.3

44 8.6 5.7 8.5#

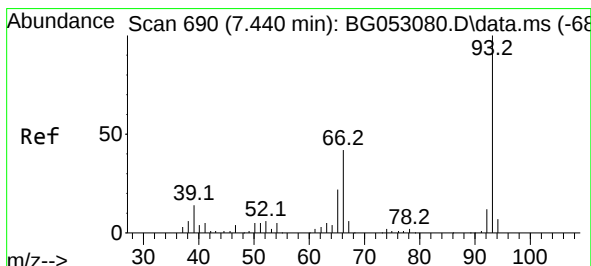
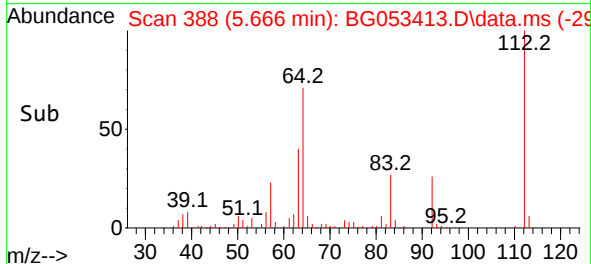
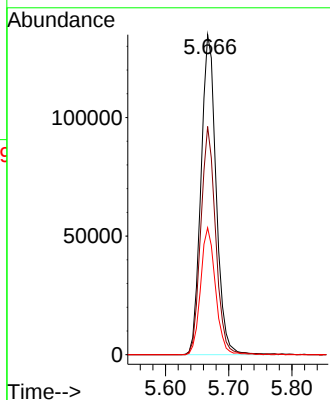
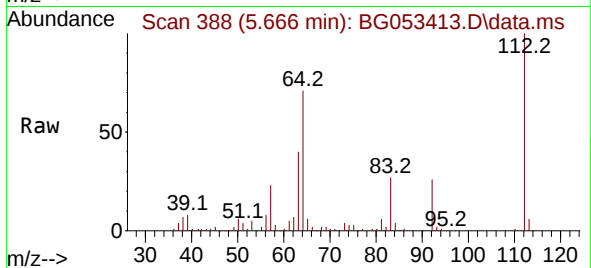




#5  
2-Fluorophenol  
Concen: 134.327 ng  
RT: 5.666 min Scan# 31  
Delta R.T. 0.003 min  
Lab File: BG053413.D  
Acq: 3 May 2022 12:05

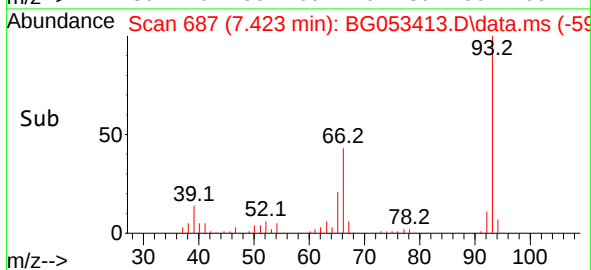
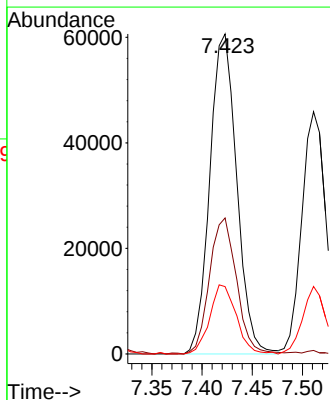
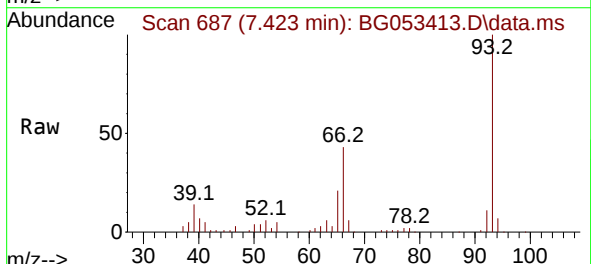
Instrument :  
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ClientSampleId :  
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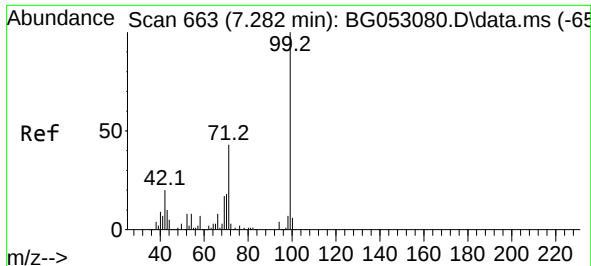
Tgt Ion:112 Resp: 224868  
Ion Ratio Lower Upper  
112 100  
64 71.3 48.0 72.0  
63 39.7 26.5 39.7



#6  
Aniline  
Concen: 37.771 ng  
RT: 7.423 min Scan# 687  
Delta R.T. -0.003 min  
Lab File: BG053413.D  
Acq: 3 May 2022 12:05

Tgt Ion: 93 Resp: 113003  
Ion Ratio Lower Upper  
93 100  
66 42.5 31.3 46.9  
65 21.0 16.7 25.1

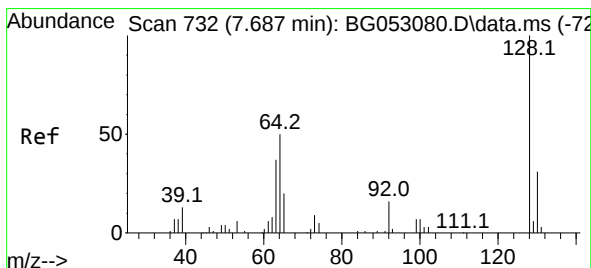
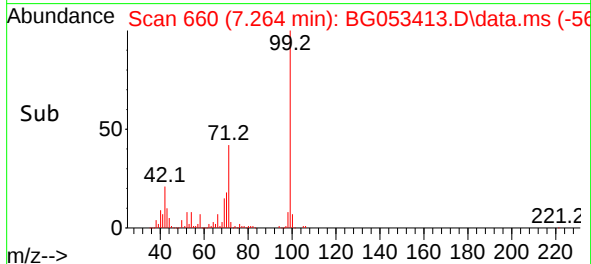
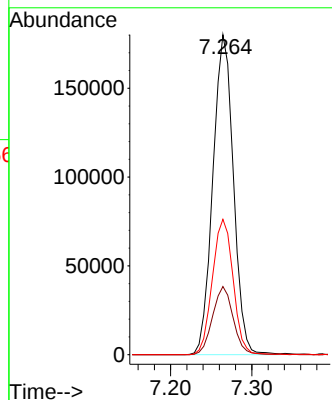
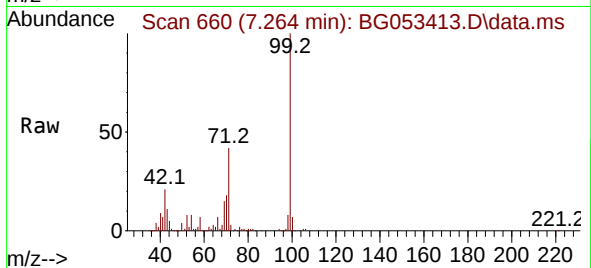




#7  
Phenol-d6  
Concen: 122.683 ng  
RT: 7.264 min Scan# 60  
Delta R.T. 0.003 min  
Lab File: BG053413.D  
Acq: 3 May 2022 12:05

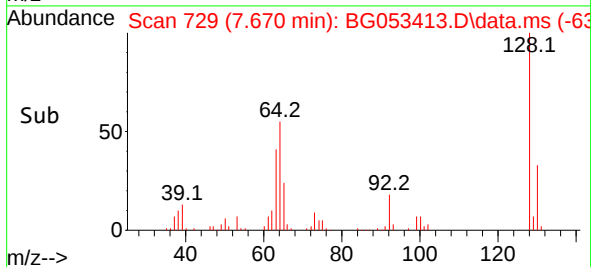
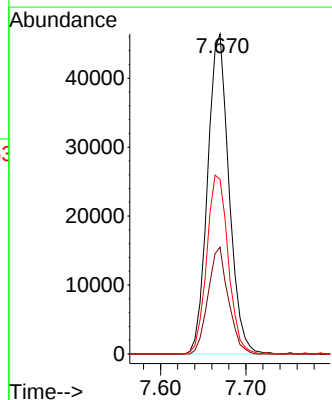
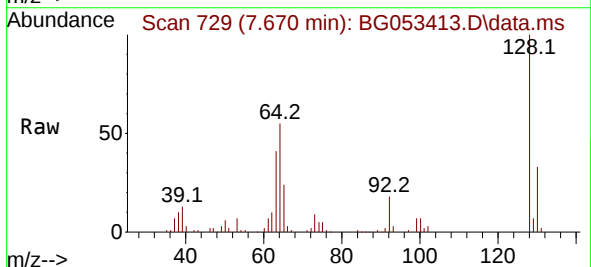
Instrument :  
BNA\_G  
ClientSampleId :  
PB144515BS

Tgt Ion: 99 Resp: 316711  
Ion Ratio Lower Upper  
99 100  
42 21.3 14.7 22.1  
71 42.3 29.2 43.8



#8  
2-Chlorophenol  
Concen: 44.678 ng  
RT: 7.670 min Scan# 729  
Delta R.T. 0.003 min  
Lab File: BG053413.D  
Acq: 3 May 2022 12:05

Tgt Ion: 128 Resp: 80745  
Ion Ratio Lower Upper  
128 100  
130 33.3 13.4 53.4  
64 54.6 30.9 70.9

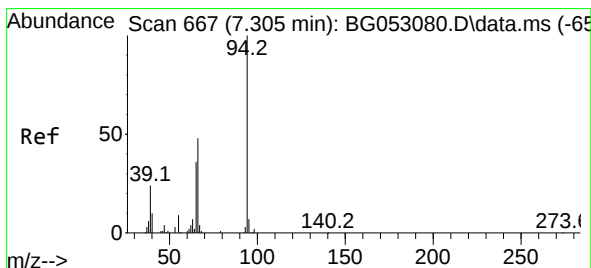
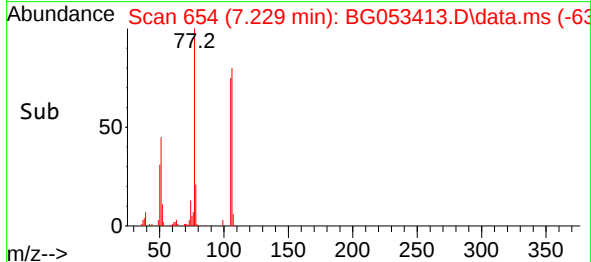
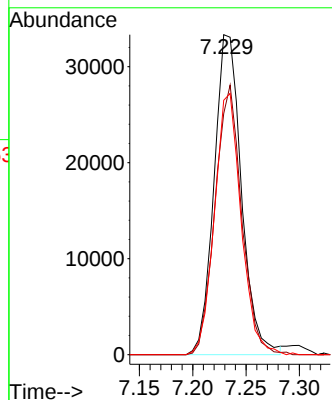
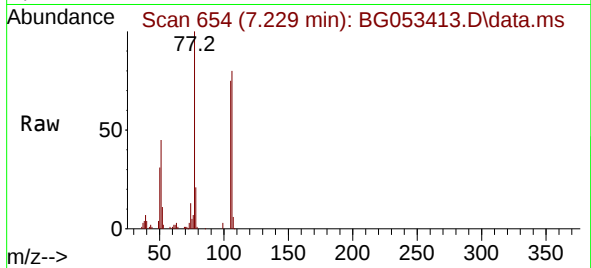




#9  
Benzaldehyde  
Concen: 38.566 ng  
RT: 7.229 min Scan# 61  
Delta R.T. -0.003 min  
Lab File: BG053413.D  
Acq: 3 May 2022 12:05

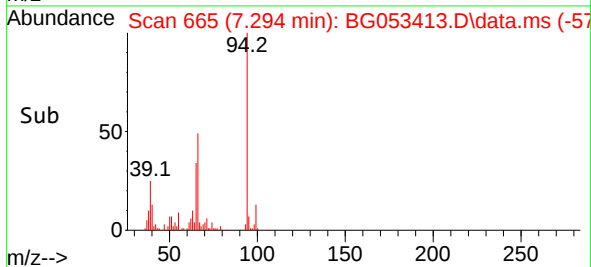
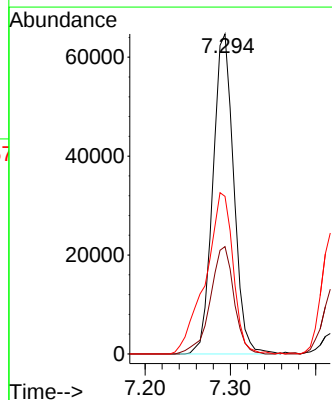
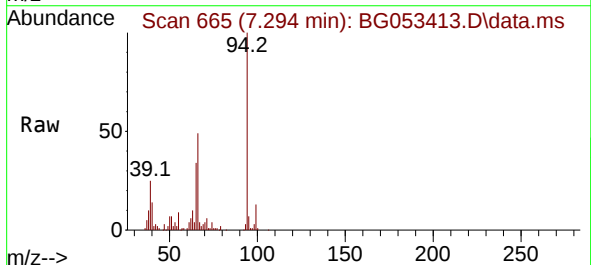
Instrument :  
BNA\_G  
ClientSampleId :  
PB144515BS

Tgt Ion: 77 Resp: 59512  
Ion Ratio Lower Upper  
77 100  
105 75.4 70.6 110.6  
106 79.5 67.6 107.6



#10  
Phenol  
Concen: 42.722 ng  
RT: 7.294 min Scan# 665  
Delta R.T. 0.003 min  
Lab File: BG053413.D  
Acq: 3 May 2022 12:05

Tgt Ion: 94 Resp: 109780  
Ion Ratio Lower Upper  
94 100  
65 33.5 11.1 51.1  
66 49.3 20.0 60.0

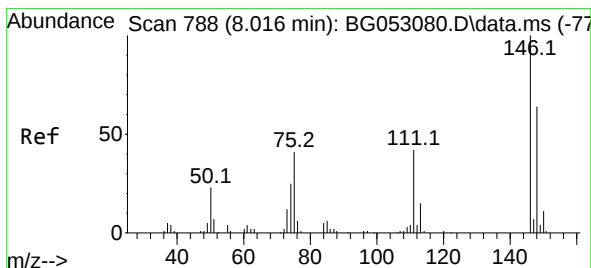
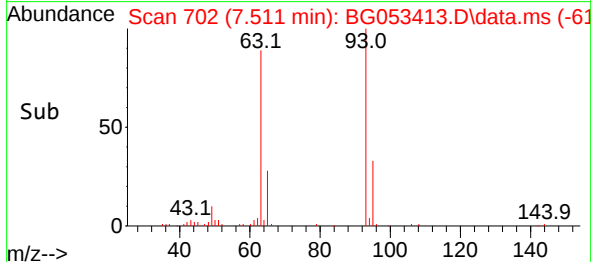
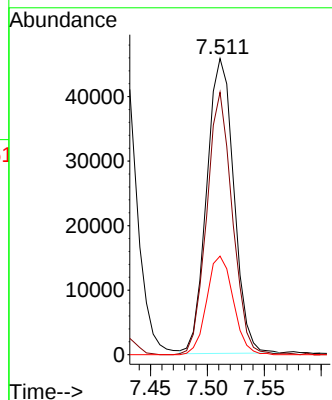
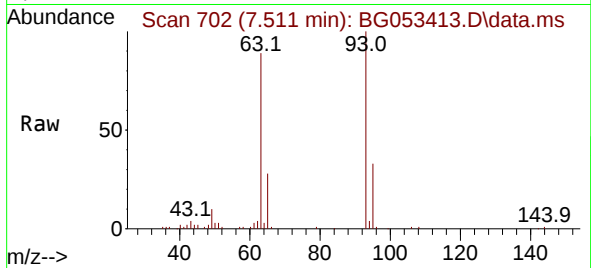




#11  
bis(2-Chloroethyl)ether  
Concen: 40.958 ng  
RT: 7.511 min Scan# 706  
Delta R.T. -0.003 min  
Lab File: BG053413.D  
Acq: 3 May 2022 12:05

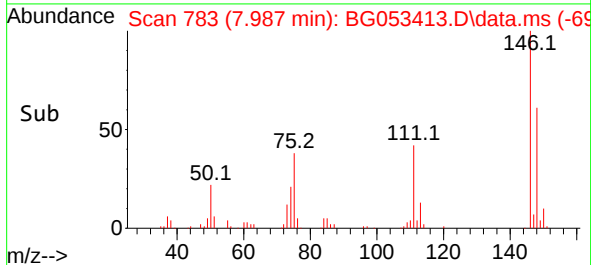
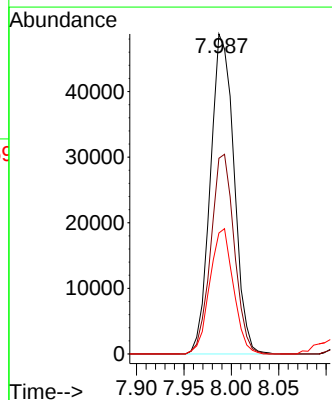
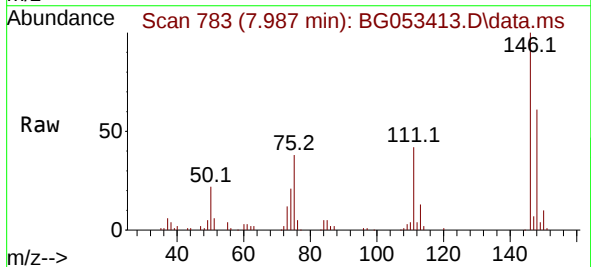
Instrument :  
BNA\_G  
ClientSampleId :  
PB144515BS

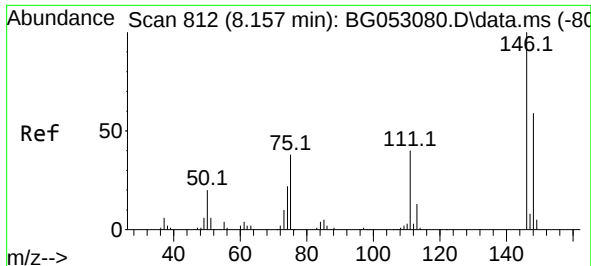
Tgt Ion: 93 Resp: 75868  
Ion Ratio Lower Upper  
93 100  
63 88.6 56.9 96.9  
95 33.3 14.5 54.5



#12  
1,3-Dichlorobenzene  
Concen: 40.289 ng  
RT: 7.987 min Scan# 783  
Delta R.T. -0.003 min  
Lab File: BG053413.D  
Acq: 3 May 2022 12:05

Tgt Ion:146 Resp: 84610  
Ion Ratio Lower Upper  
146 100  
148 61.1 50.6 76.0  
75 37.8 25.9 38.9





#13

1,4-Dichlorobenzene

Concen: 38.895 ng

RT: 8.134 min Scan# 80

Delta R.T. -0.003 min

Lab File: BG053413.D

Acq: 3 May 2022 12:05

Instrument :

BNA\_G

ClientSampleId :

PB144515BS

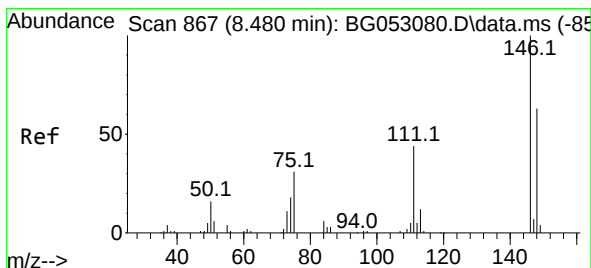
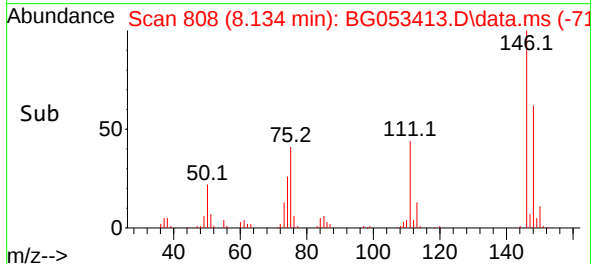
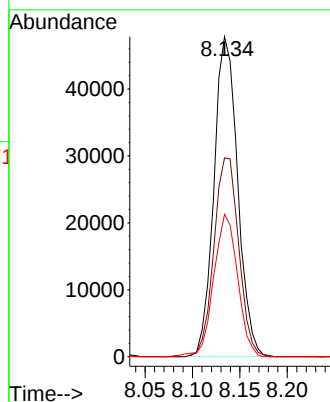
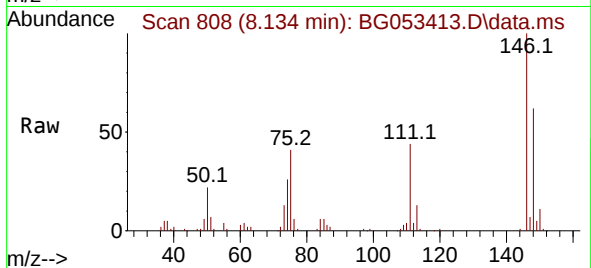
Tgt Ion:146 Resp: 83274

Ion Ratio Lower Upper

146 100

148 62.2 50.0 75.0

111 44.5 31.0 46.4



#14

1,2-Dichlorobenzene

Concen: 39.594 ng

RT: 8.457 min Scan# 863

Delta R.T. -0.003 min

Lab File: BG053413.D

Acq: 3 May 2022 12:05

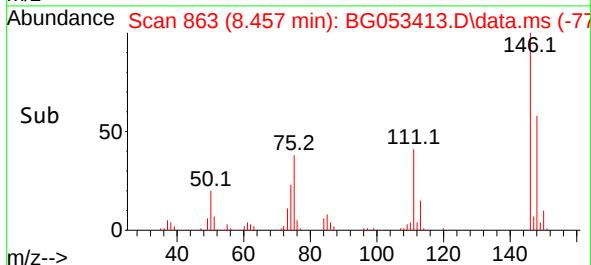
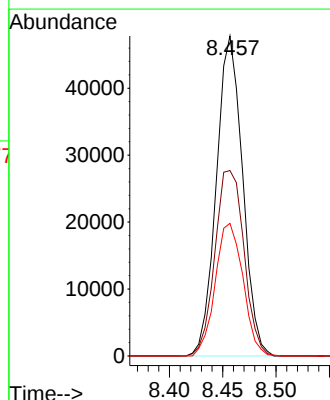
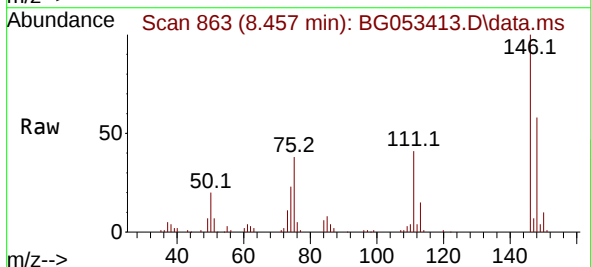
Tgt Ion:146 Resp: 81746

Ion Ratio Lower Upper

146 100

148 57.9 51.0 76.6

111 41.5 34.7 52.1

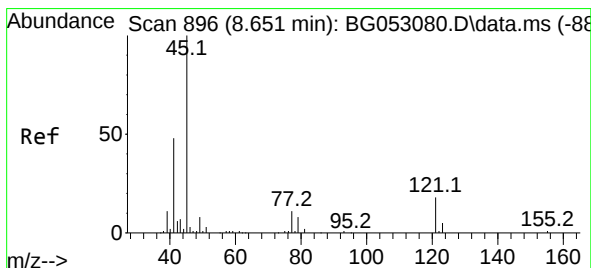
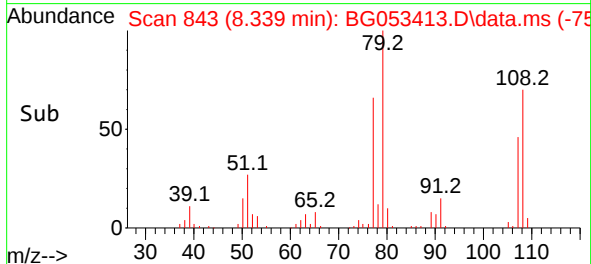
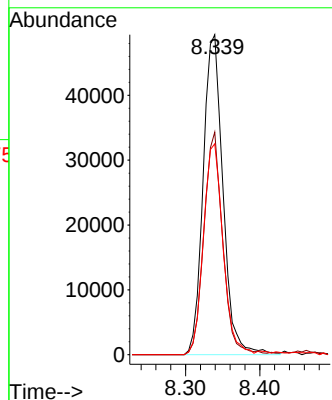
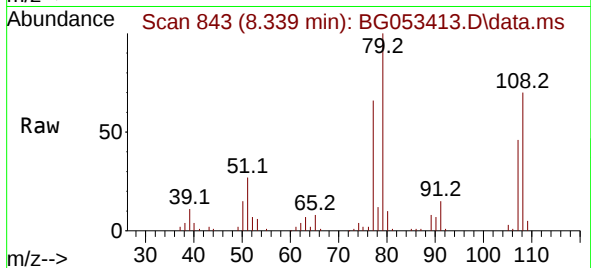




#15  
Benzyl Alcohol  
Concen: 39.884 ng  
RT: 8.339 min Scan# 846  
Delta R.T. 0.003 min  
Lab File: BG053413.D  
Acq: 3 May 2022 12:05

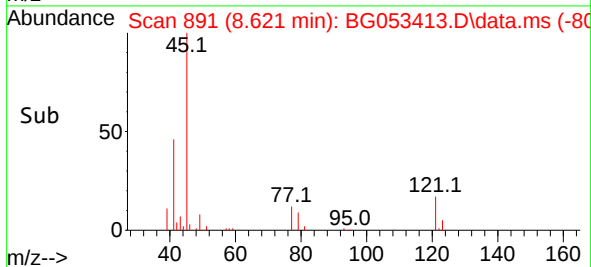
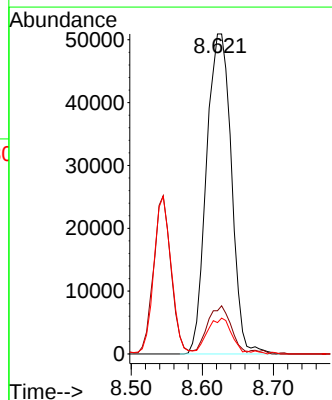
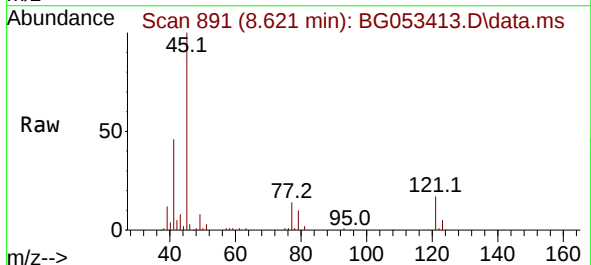
Instrument :  
BNA\_G  
ClientSampleId :  
PB144515BS

Tgt Ion: 79 Resp: 91517  
Ion Ratio Lower Upper  
79 100  
108 69.5 55.1 82.7  
77 65.9 52.4 78.6



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 40.007 ng  
RT: 8.621 min Scan# 891  
Delta R.T. -0.003 min  
Lab File: BG053413.D  
Acq: 3 May 2022 12:05

Tgt Ion: 45 Resp: 123724  
Ion Ratio Lower Upper  
45 100  
77 13.5 0.0 34.9  
79 9.8 0.0 30.7

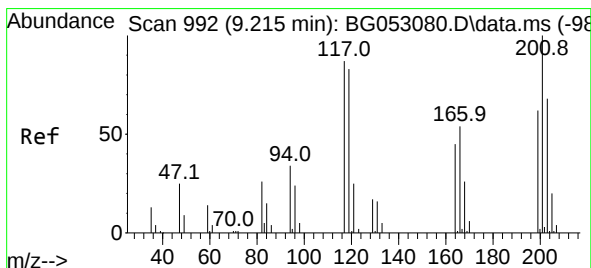
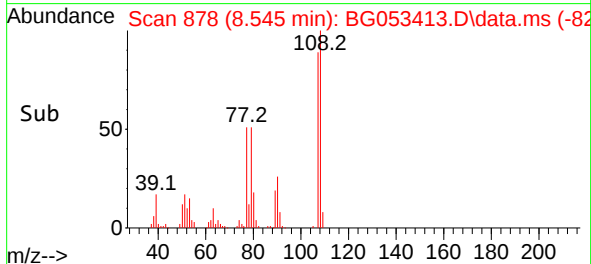
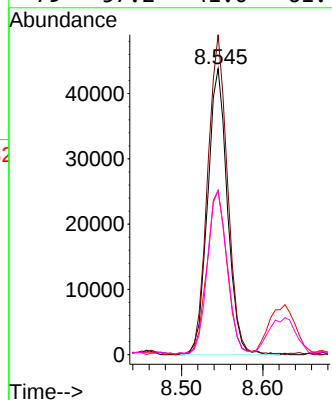
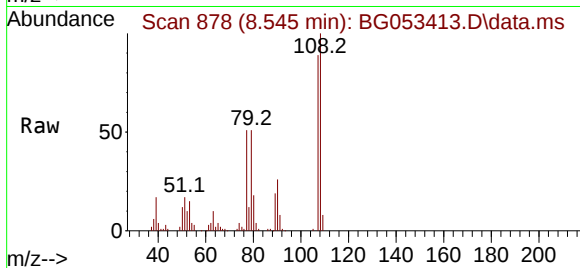




#17  
2-Methylphenol  
Concen: 42.449 ng  
RT: 8.545 min Scan# 81  
Delta R.T. 0.003 min  
Lab File: BG053413.D  
Acq: 3 May 2022 12:05

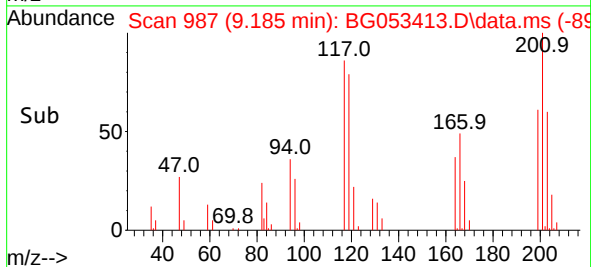
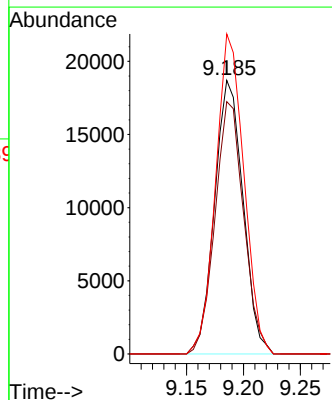
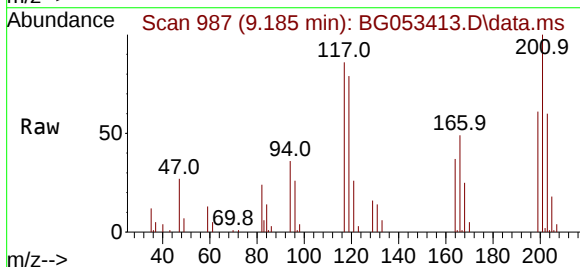
Instrument :  
BNA\_G  
ClientSampleId :  
PB144515BS

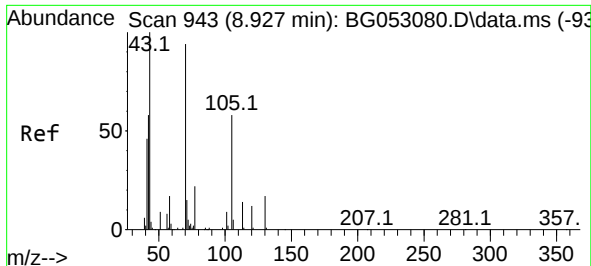
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 73814 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 111.8 | 91.5  | 137.3 |
| 77       | 57.4  | 42.5  | 63.7  |
| 79       | 57.2  | 41.0  | 61.4  |



#18  
Hexachloroethane  
Concen: 40.528 ng  
RT: 9.185 min Scan# 987  
Delta R.T. -0.003 min  
Lab File: BG053413.D  
Acq: 3 May 2022 12:05

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 32538 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 92.2  | 75.1  | 112.7 |
| 201      | 116.9 | 96.6  | 145.0 |

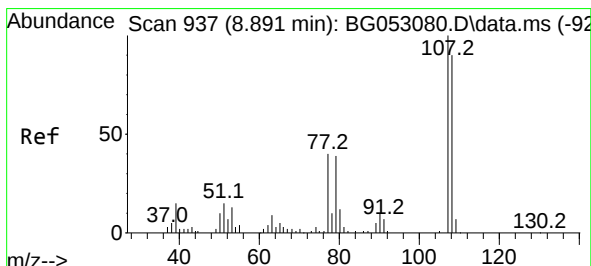
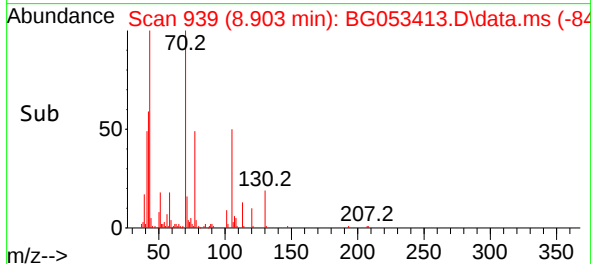
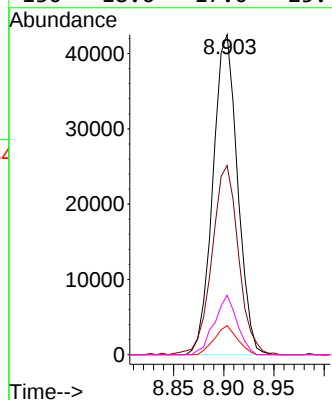
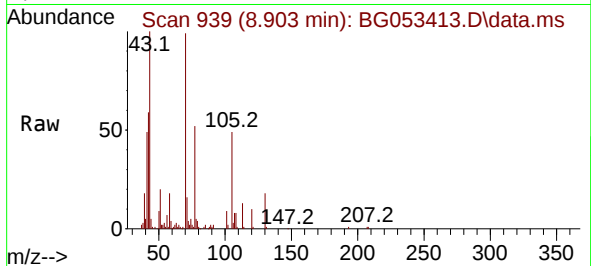




#19  
n-Nitroso-di-n-propylamine  
Concen: 38.410 ng  
RT: 8.903 min Scan# 91  
Delta R.T. -0.003 min  
Lab File: BG053413.D  
Acq: 3 May 2022 12:05

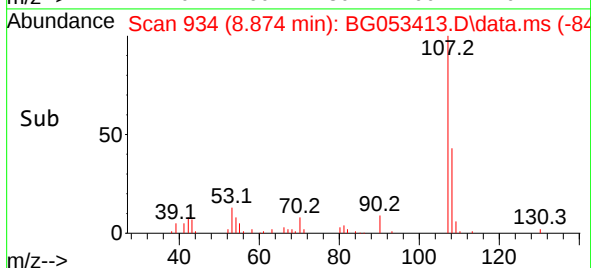
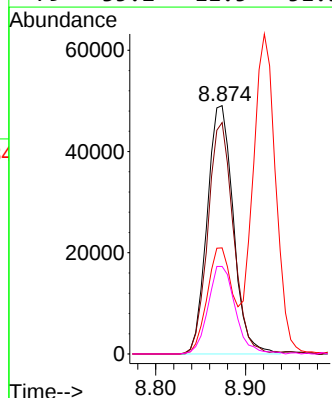
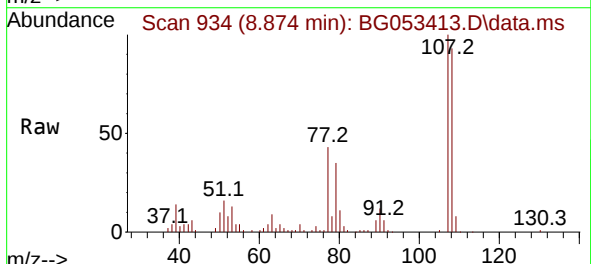
Instrument :  
BNA\_G  
ClientSampleId :  
PB144515BS

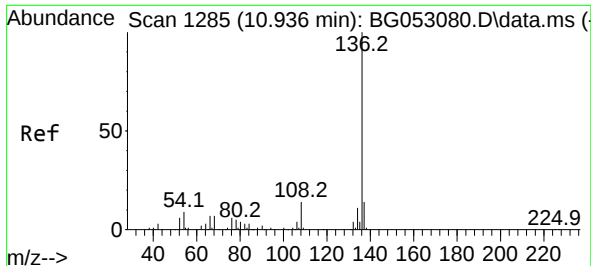
Tgt Ion: 70 Resp: 72593  
Ion Ratio Lower Upper  
70 100  
42 59.1 46.0 69.0  
101 9.1 6.2 9.4  
130 18.6 17.0 25.4



#20  
3+4-Methylphenols  
Concen: 40.385 ng  
RT: 8.874 min Scan# 934  
Delta R.T. 0.003 min  
Lab File: BG053413.D  
Acq: 3 May 2022 12:05

Tgt Ion: 107 Resp: 99134  
Ion Ratio Lower Upper  
107 100  
108 93.2 64.8 104.8  
77 42.8 15.9 55.9  
79 35.2 11.5 51.5

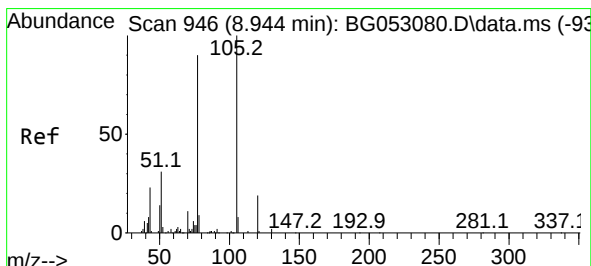
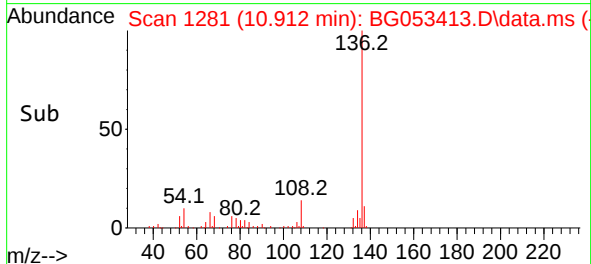
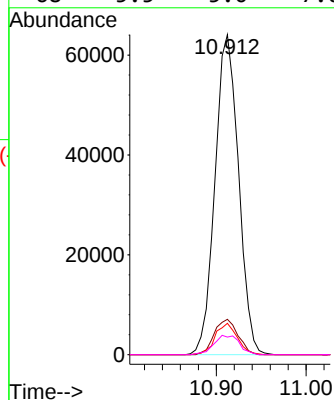
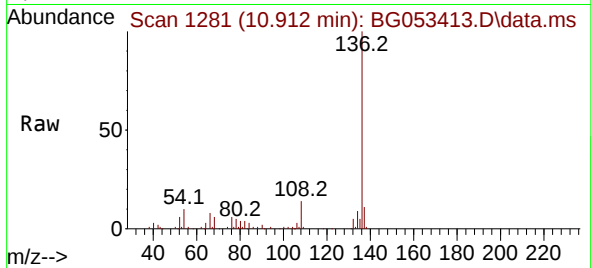




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.912 min Scan# 11  
Delta R.T. -0.003 min  
Lab File: BG053413.D  
Acq: 3 May 2022 12:05

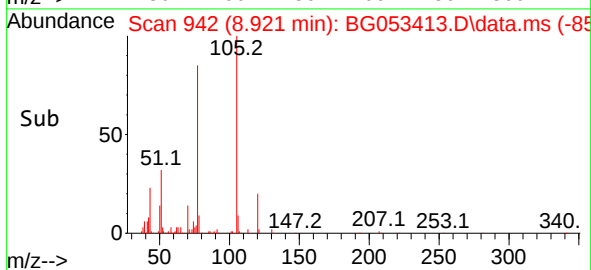
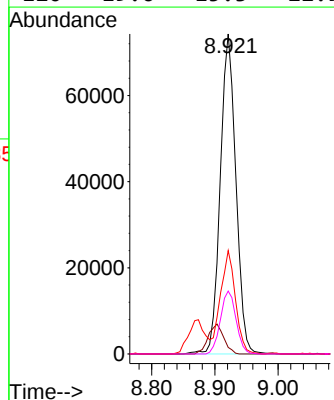
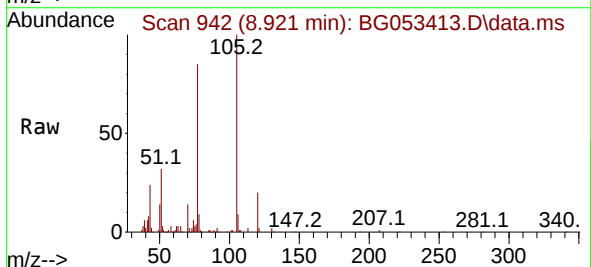
Instrument :  
BNA\_G  
ClientSampleId :  
PB144515BS

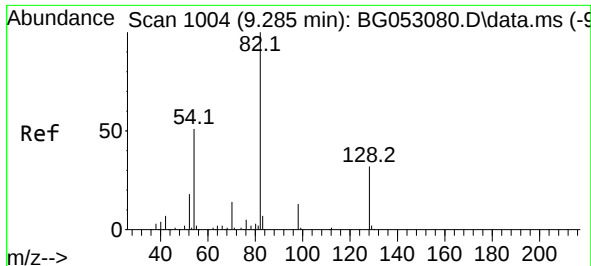
Tgt Ion:136 Resp: 116509  
Ion Ratio Lower Upper  
136 100  
137 11.1 9.4 14.2  
54 9.8 6.4 9.6#  
68 5.5 5.0 7.6



#22  
Acetophenone  
Concen: 39.465 ng  
RT: 8.921 min Scan# 942  
Delta R.T. -0.003 min  
Lab File: BG053413.D  
Acq: 3 May 2022 12:05

Tgt Ion:105 Resp: 127563  
Ion Ratio Lower Upper  
105 100  
71 2.0 2.1 3.1#  
51 32.3 21.9 32.9  
120 19.6 15.3 22.9





#23

Nitrobenzene-d5

Concen: 76.280 ng

RT: 9.262 min Scan# 1000

Delta R.T. -0.003 min

Lab File: BG053413.D

Acq: 3 May 2022 12:05

Instrument :

BNA\_G

ClientSampleId :

PB144515BS

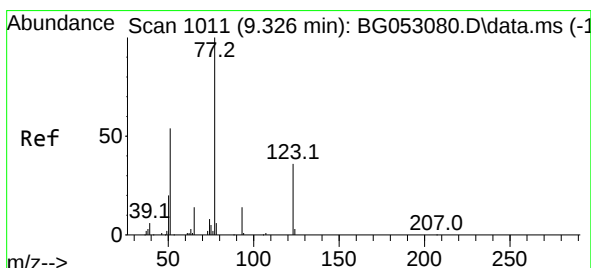
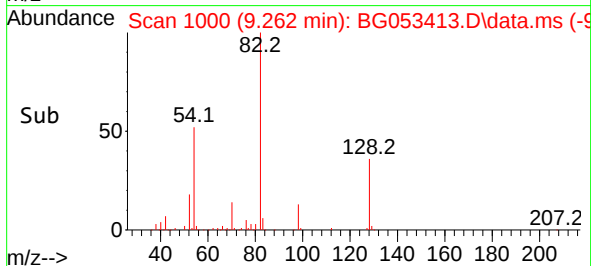
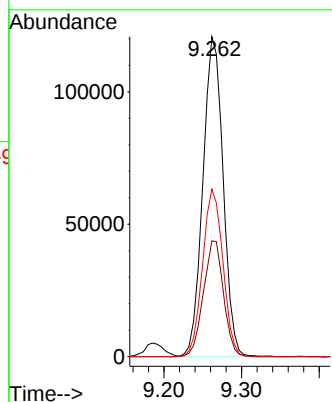
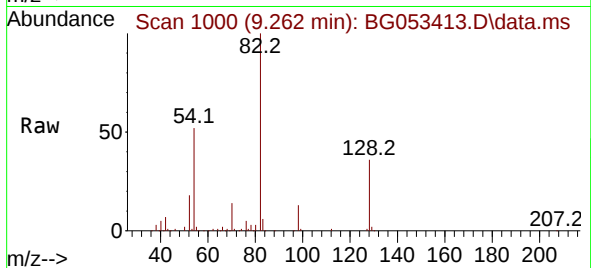
Tgt Ion: 82 Resp: 218881

Ion Ratio Lower Upper

82 100

128 36.2 31.3 46.9

54 52.3 37.8 56.8



#24

Nitrobenzene

Concen: 40.435 ng

RT: 9.309 min Scan# 1008

Delta R.T. 0.003 min

Lab File: BG053413.D

Acq: 3 May 2022 12:05

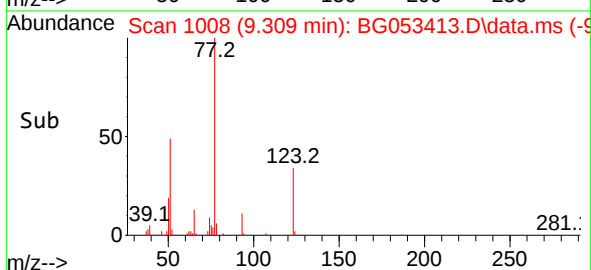
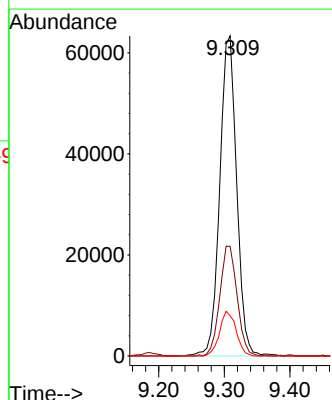
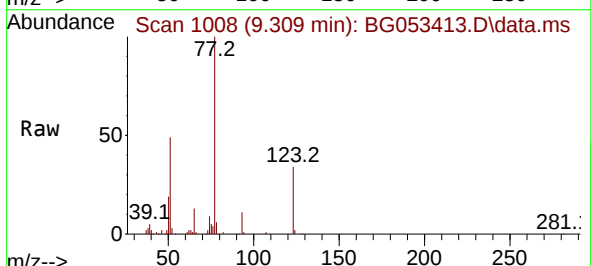
Tgt Ion: 77 Resp: 112854

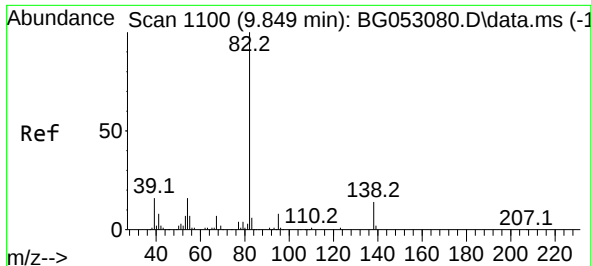
Ion Ratio Lower Upper

77 100

123 34.3 34.4 51.6#

65 12.6 11.2 16.8

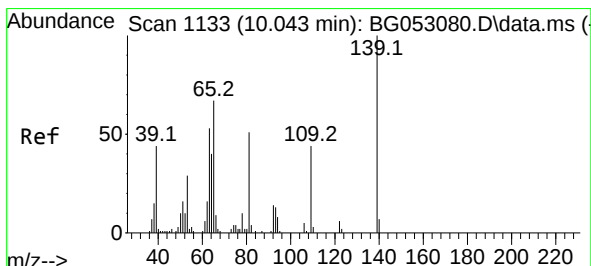
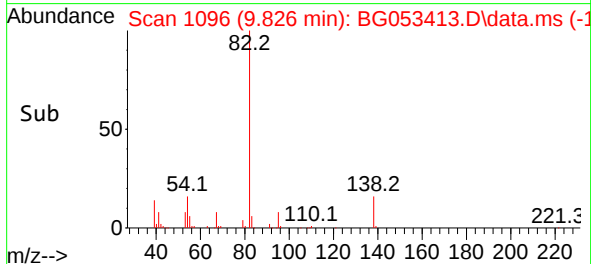
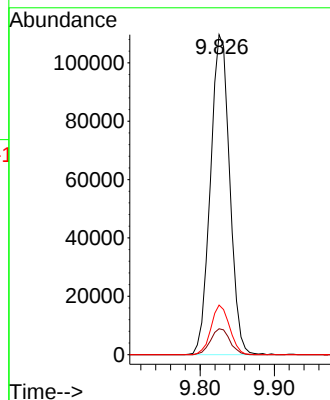
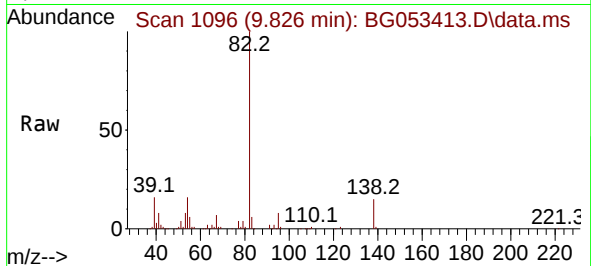




#25  
Isophorone  
Concen: 40.502 ng  
RT: 9.826 min Scan# 1100  
Delta R.T. -0.003 min  
Lab File: BG053413.D  
Acq: 3 May 2022 12:05

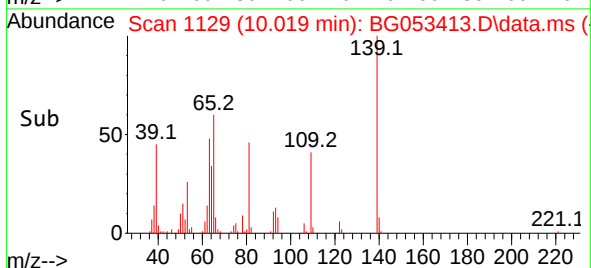
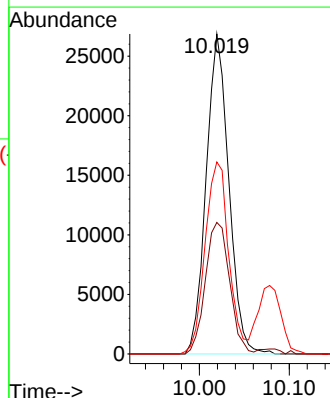
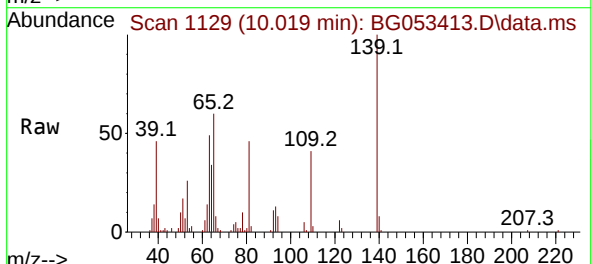
Instrument :  
BNA\_G  
ClientSampleId :  
PB144515BS

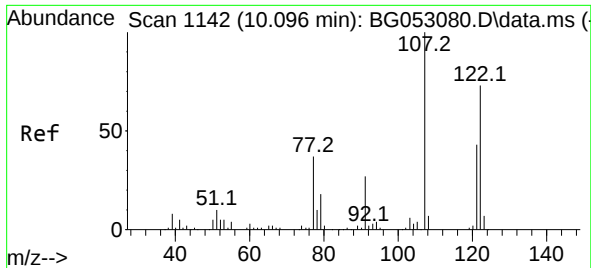
Tgt Ion: 82 Resp: 197538  
Ion Ratio Lower Upper  
82 100  
95 8.1 5.8 8.6  
138 15.5 12.6 18.8



#26  
2-Nitrophenol  
Concen: 40.292 ng  
RT: 10.019 min Scan# 1129  
Delta R.T. -0.003 min  
Lab File: BG053413.D  
Acq: 3 May 2022 12:05

Tgt Ion: 139 Resp: 47024  
Ion Ratio Lower Upper  
139 100  
109 41.1 29.4 44.0  
65 60.0 48.2 72.2





#27

2,4-Dimethylphenol

Concen: 46.710 ng

RT: 10.078 min Scan# 1142

Delta R.T. 0.003 min

Lab File: BG053413.D

Acq: 3 May 2022 12:05

Instrument :

BNA\_G

ClientSampleId :

PB144515BS

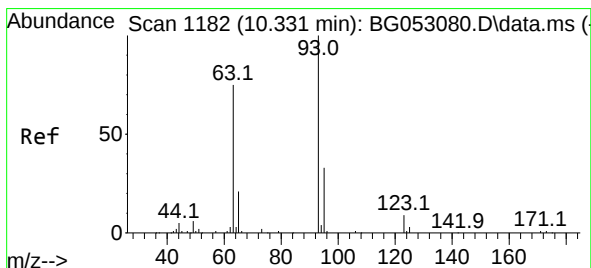
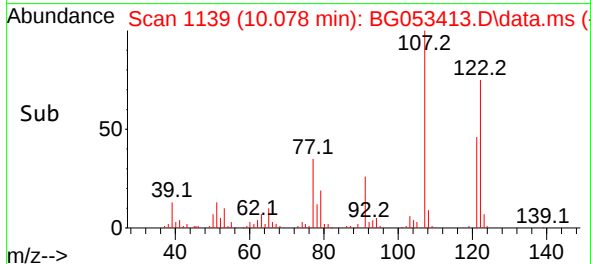
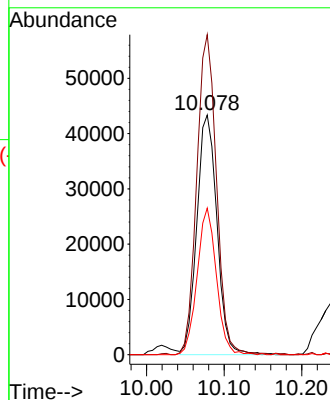
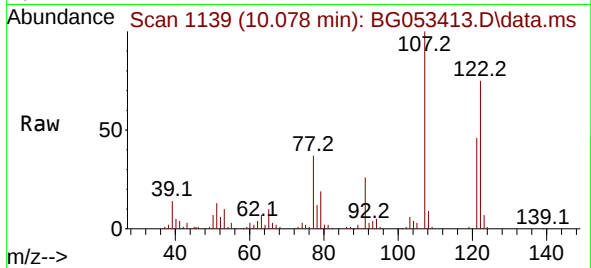
Tgt Ion:122 Resp: 78075

Ion Ratio Lower Upper

122 100

107 133.5 96.7 145.1

121 61.2 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 38.308 ng

RT: 10.307 min Scan# 1178

Delta R.T. 0.003 min

Lab File: BG053413.D

Acq: 3 May 2022 12:05

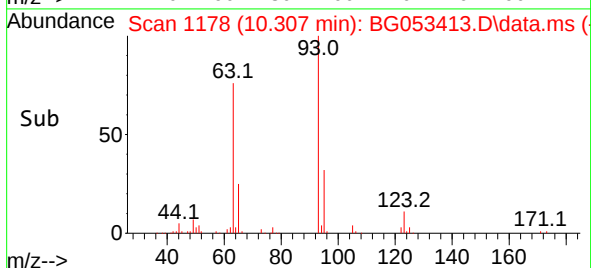
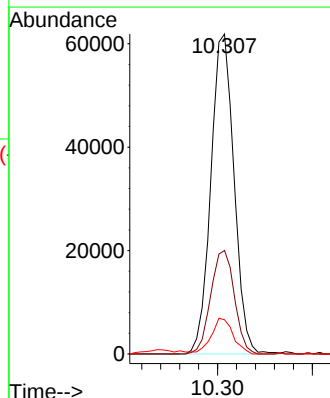
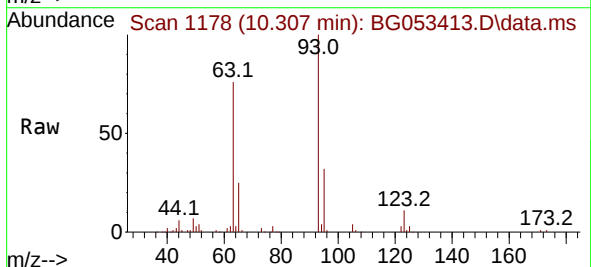
Tgt Ion: 93 Resp: 104964

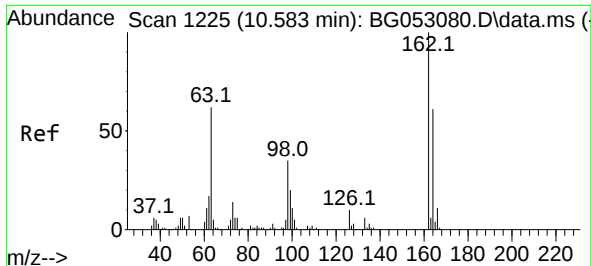
Ion Ratio Lower Upper

93 100

95 32.4 26.5 39.7

123 10.7 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 40.028 ng

RT: 10.560 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG053413.D

Acq: 3 May 2022 12:05

Instrument :

BNA\_G

ClientSampleId :

PB144515BS

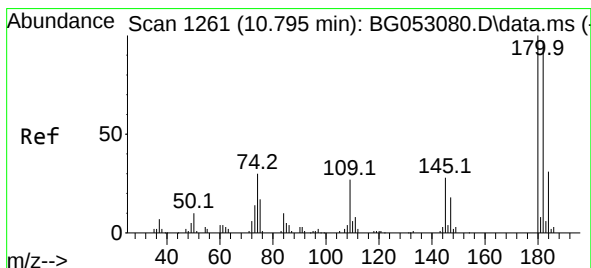
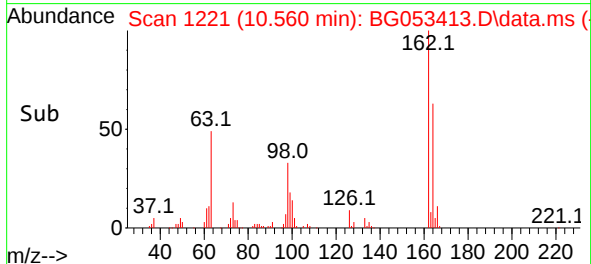
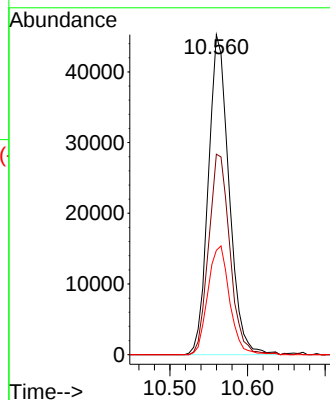
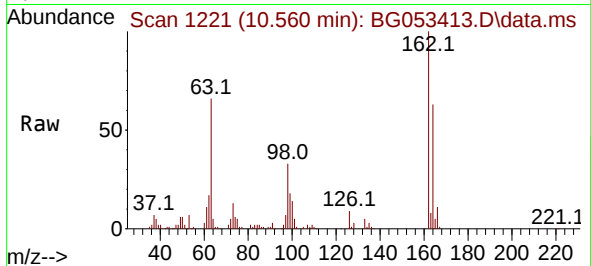
Tgt Ion:162 Resp: 84111

Ion Ratio Lower Upper

162 100

164 62.6 44.0 84.0

98 32.6 17.3 57.3



#30

1,2,4-Trichlorobenzene

Concen: 37.726 ng

RT: 10.771 min Scan# 1257

Delta R.T. -0.003 min

Lab File: BG053413.D

Acq: 3 May 2022 12:05

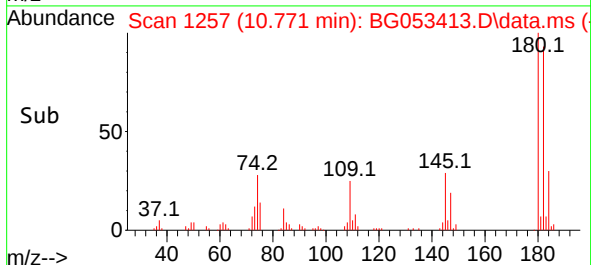
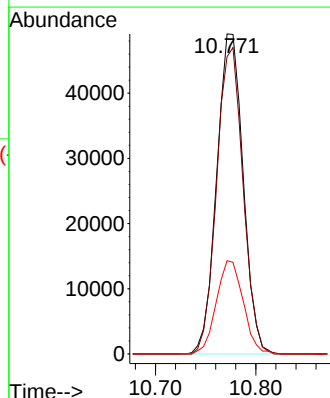
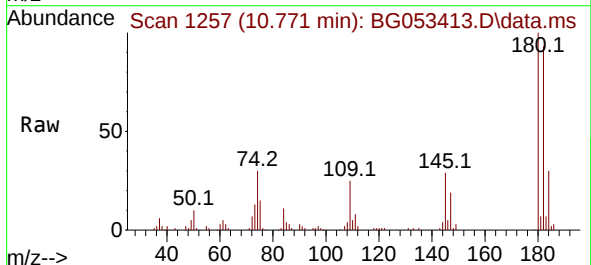
Tgt Ion:180 Resp: 89722

Ion Ratio Lower Upper

180 100

182 92.9 77.8 116.6

145 29.2 24.4 36.6

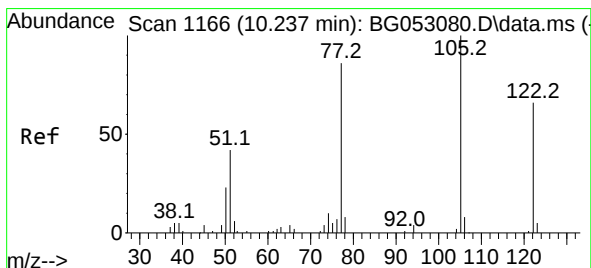
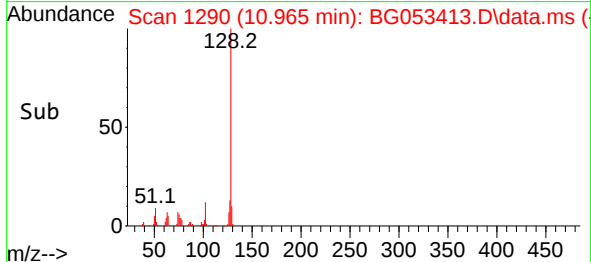
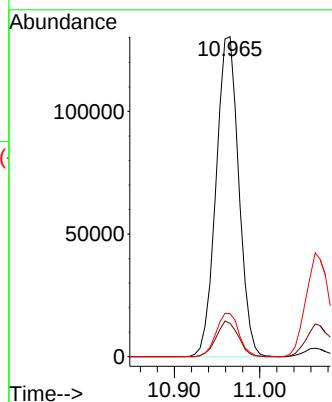
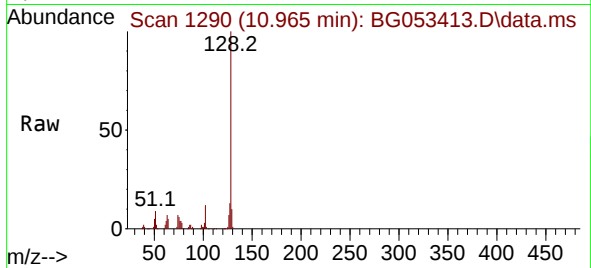




#31  
Naphthalene  
Concen: 38.818 ng  
RT: 10.965 min Scan# 1167  
Delta R.T. 0.003 min  
Lab File: BG053413.D  
Acq: 3 May 2022 12:05

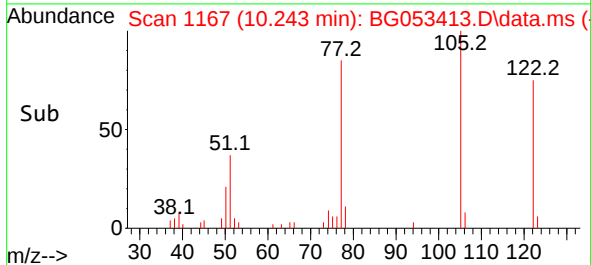
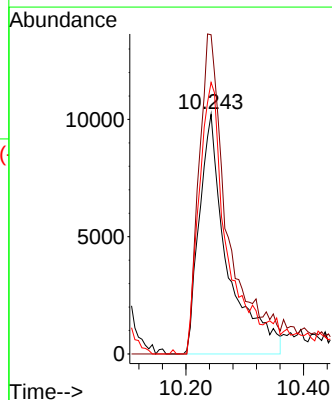
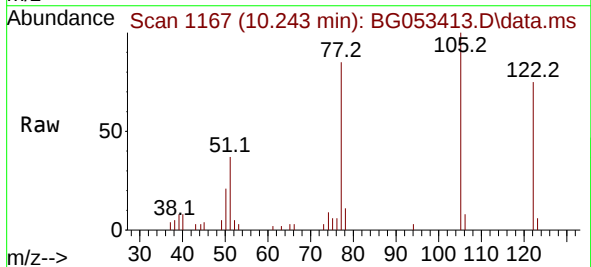
Instrument :  
BNA\_G  
ClientSampleId :  
PB144515BS

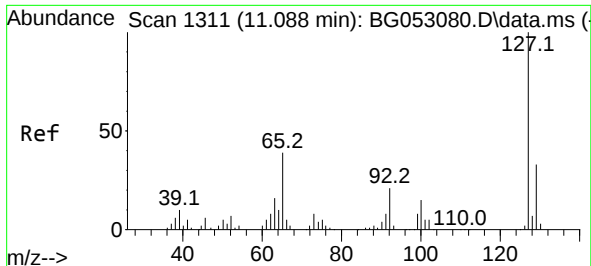
Tgt Ion:128 Resp: 241289  
Ion Ratio Lower Upper  
128 100  
129 10.4 8.8 13.2  
127 13.4 10.5 15.7



#32  
Benzoic acid  
Concen: 32.341 ng  
RT: 10.243 min Scan# 1167  
Delta R.T. -0.003 min  
Lab File: BG053413.D  
Acq: 3 May 2022 12:05

Tgt Ion:122 Resp: 33788  
Ion Ratio Lower Upper  
122 100  
105 133.1 112.8 152.8  
77 113.3 78.4 118.4

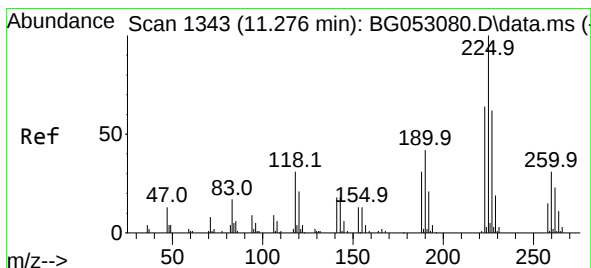
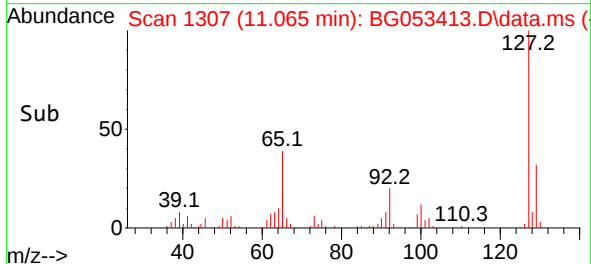
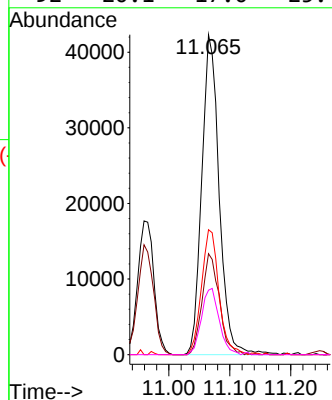
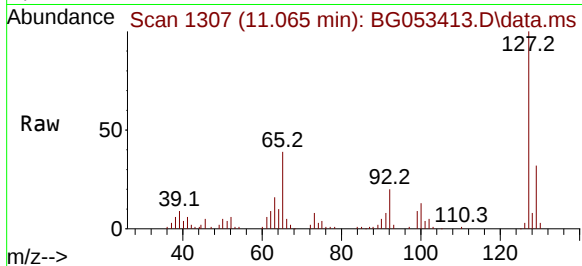




#33  
4-Chloroaniline  
Concen: 31.623 ng  
RT: 11.065 min Scan# 11  
Delta R.T. -0.003 min  
Lab File: BG053413.D  
Acq: 3 May 2022 12:05

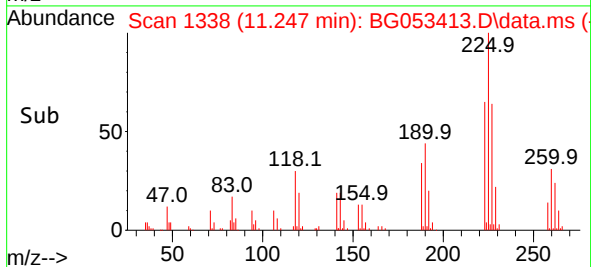
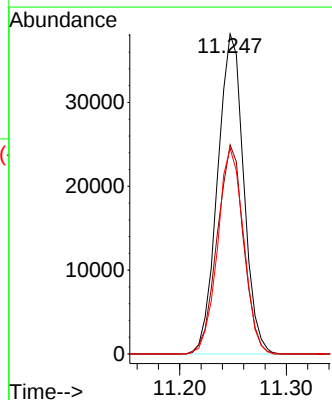
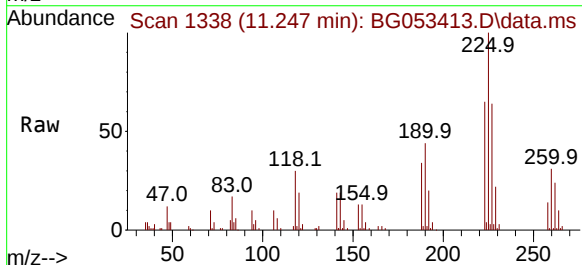
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BNA\_G  
ClientSampleId :  
PB144515BS

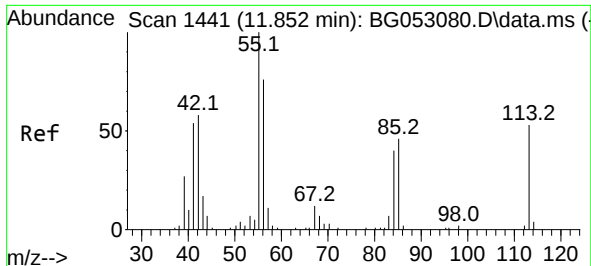
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:127 | Resp: | 84177       |
| Ion         | Ratio | Lower Upper |
| 127         | 100   |             |
| 129         | 31.6  | 27.6 41.4   |
| 65          | 39.1  | 28.2 42.4   |
| 92          | 20.1  | 17.0 25.4   |



#34  
Hexachlorobutadiene  
Concen: 36.606 ng  
RT: 11.247 min Scan# 1338  
Delta R.T. -0.003 min  
Lab File: BG053413.D  
Acq: 3 May 2022 12:05

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:225 | Resp: | 64669       |
| Ion         | Ratio | Lower Upper |
| 225         | 100   |             |
| 223         | 65.4  | 50.2 75.2   |
| 227         | 64.3  | 52.0 78.0   |

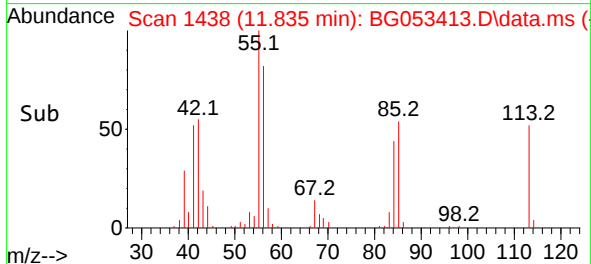
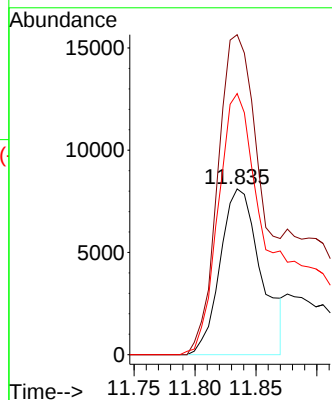
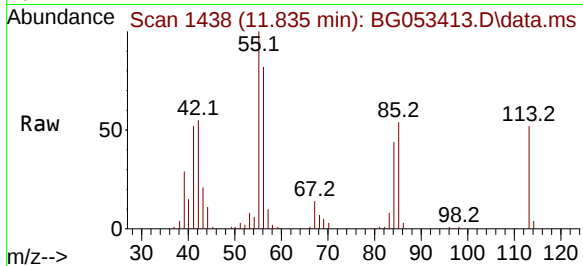




#35  
 Caprolactam  
 Concen: 25.416 ng  
 RT: 11.835 min Scan# 1441  
 Delta R.T. -0.015 min  
 Lab File: BG053413.D  
 Acq: 3 May 2022 12:05

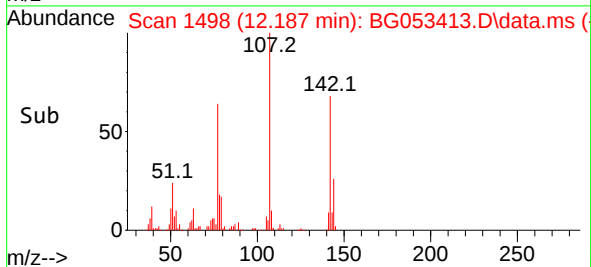
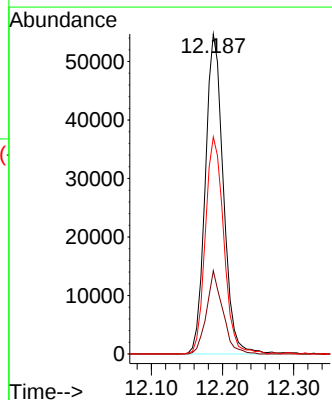
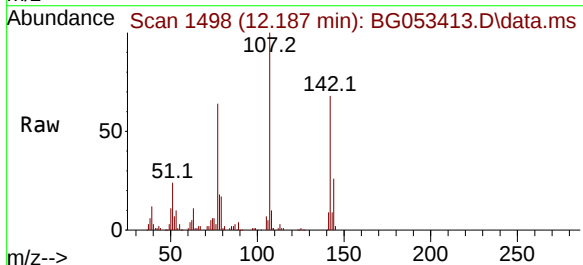
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 ClientSampleId :  
 PB144515BS

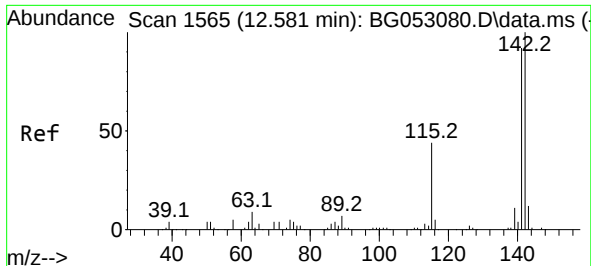
Tgt Ion:113 Resp: 18825  
 Ion Ratio Lower Upper  
 113 100  
 55 193.1 151.3 191.3#  
 56 157.6 128.5 168.5



#36  
 4-Chloro-3-methylphenol  
 Concen: 39.436 ng  
 RT: 12.187 min Scan# 1498  
 Delta R.T. -0.003 min  
 Lab File: BG053413.D  
 Acq: 3 May 2022 12:05

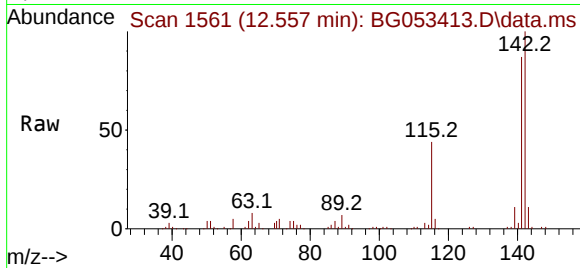
Tgt Ion:107 Resp: 96473  
 Ion Ratio Lower Upper  
 107 100  
 144 26.0 21.4 32.0  
 142 67.8 61.7 92.5



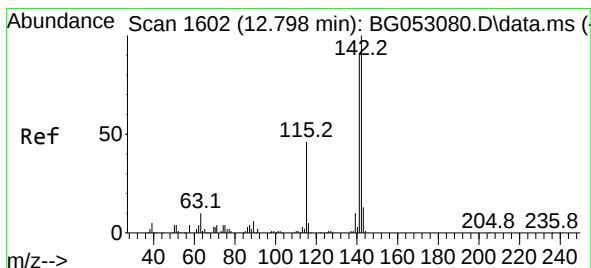
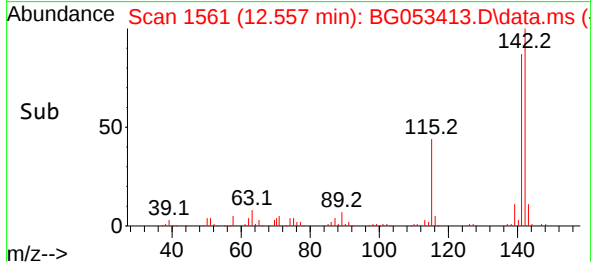
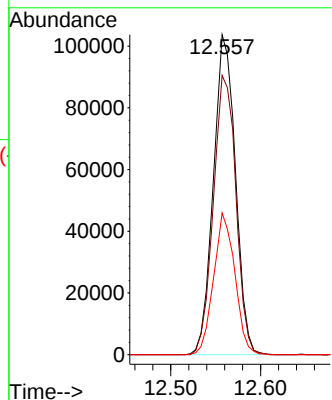


#37  
2-Methylnaphthalene  
Concen: 38.455 ng  
RT: 12.557 min Scan# 1561  
Delta R.T. -0.003 min  
Lab File: BG053413.D  
Acq: 3 May 2022 12:05

Instrument :  
BNA\_G  
ClientSampleId :  
PB144515BS

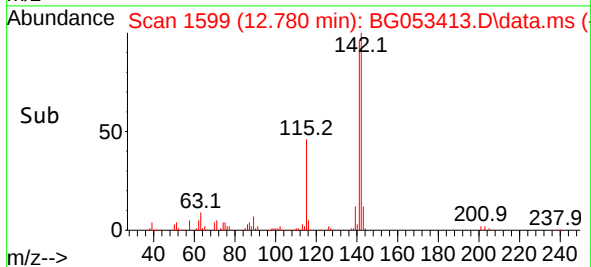
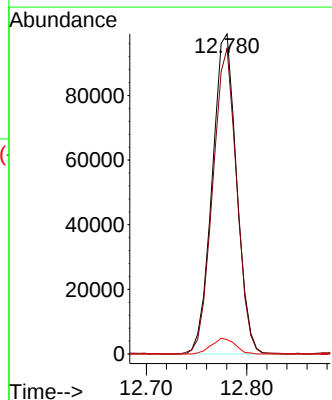
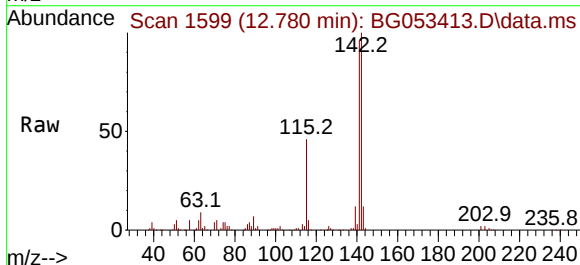


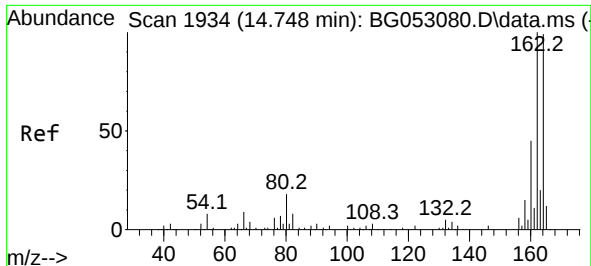
Tgt Ion:142 Resp: 176873  
Ion Ratio Lower Upper  
142 100  
141 87.2 71.3 106.9  
115 44.3 29.5 44.3#



#38  
1-Methylnaphthalene  
Concen: 37.222 ng  
RT: 12.780 min Scan# 1599  
Delta R.T. 0.003 min  
Lab File: BG053413.D  
Acq: 3 May 2022 12:05

Tgt Ion:142 Resp: 167115  
Ion Ratio Lower Upper  
142 100  
141 95.5 70.5 105.7  
116 4.5 3.1 4.7

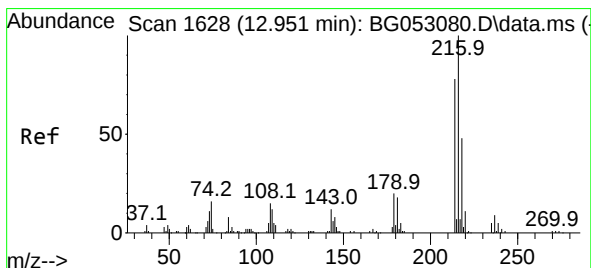
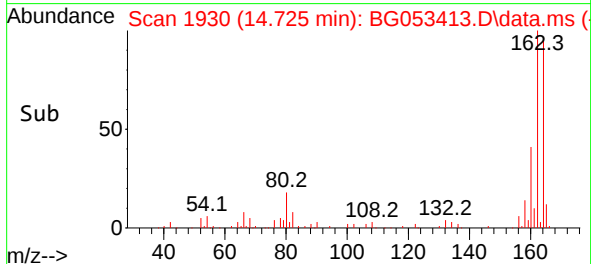
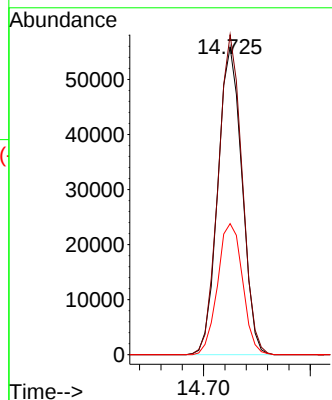
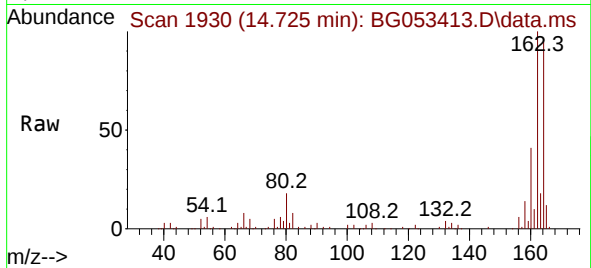




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.725 min Scan# 1930  
Delta R.T. -0.003 min  
Lab File: BG053413.D  
Acq: 3 May 2022 12:05

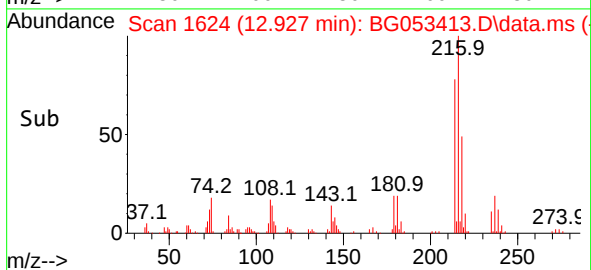
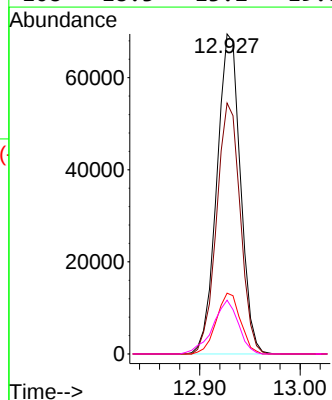
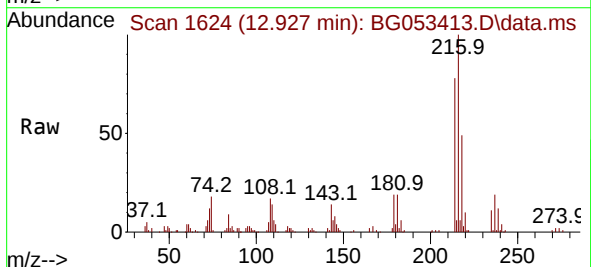
Instrument :  
BNA\_G  
ClientSampleId :  
PB144515BS

Tgt Ion:164 Resp: 87557  
Ion Ratio Lower Upper  
164 100  
162 104.0 80.0 120.0  
160 42.6 38.8 58.2



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 38.108 ng  
RT: 12.927 min Scan# 1624  
Delta R.T. -0.003 min  
Lab File: BG053413.D  
Acq: 3 May 2022 12:05

Tgt Ion:216 Resp: 113323  
Ion Ratio Lower Upper  
216 100  
214 78.7 63.8 95.6  
179 19.4 15.7 23.5  
108 18.3 13.2 19.8

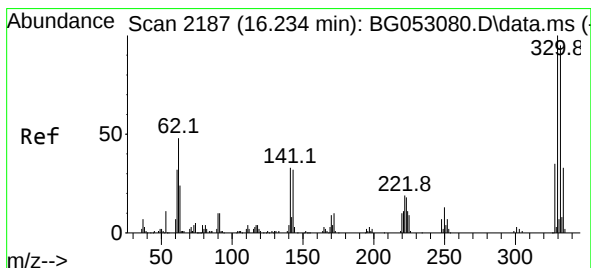
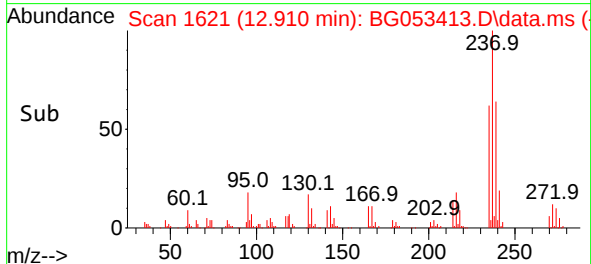
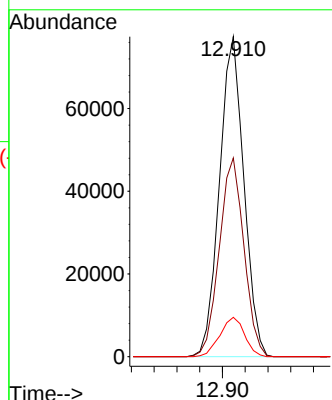
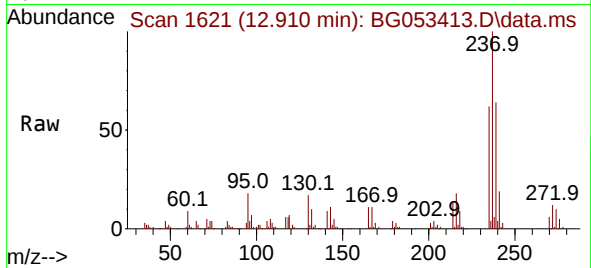




#41  
Hexachlorocyclopentadiene  
Concen: 75.010 ng  
RT: 12.910 min Scan# 1  
Delta R.T. 0.003 min  
Lab File: BG053413.D  
Acq: 3 May 2022 12:05

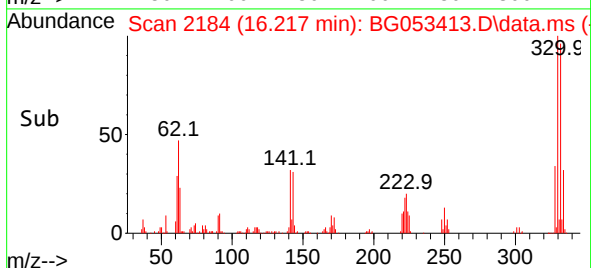
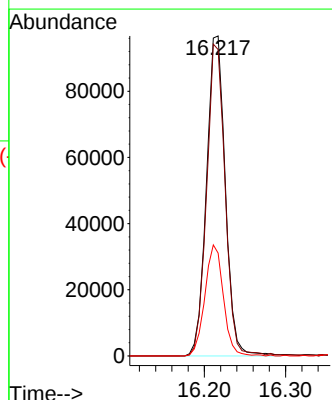
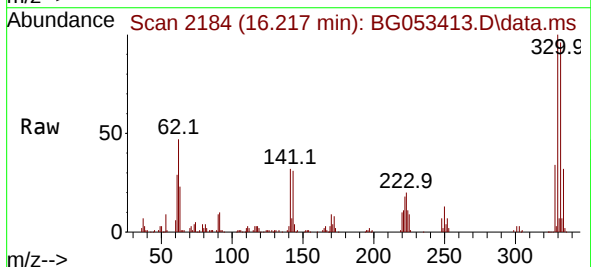
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BNA\_G  
ClientSampleId :  
PB144515BS

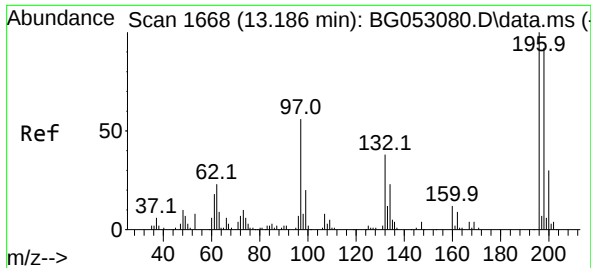
Tgt Ion:237 Resp: 115148  
Ion Ratio Lower Upper  
237 100  
235 62.1 37.7 77.7  
272 12.3 0.0 30.7



#42  
2,4,6-Tribromophenol  
Concen: 111.788 ng  
RT: 16.217 min Scan# 2184  
Delta R.T. 0.003 min  
Lab File: BG053413.D  
Acq: 3 May 2022 12:05

Tgt Ion:330 Resp: 155720  
Ion Ratio Lower Upper  
330 100  
332 95.5 75.8 113.6  
141 34.2 24.6 36.8

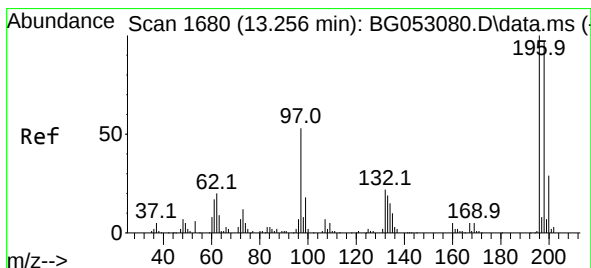
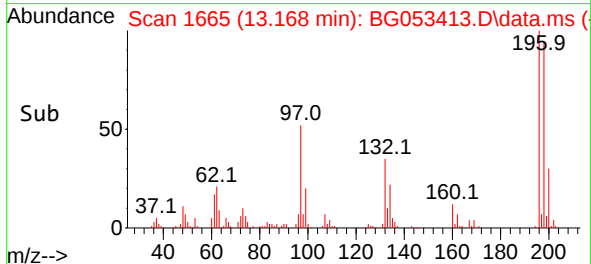
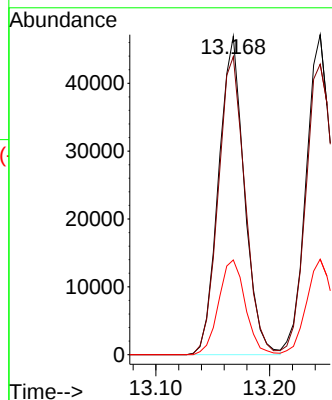
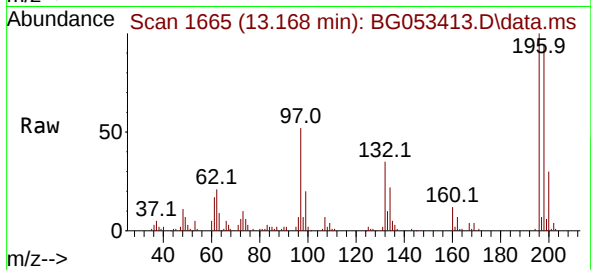




#43  
2,4,6-Trichlorophenol  
Concen: 36.012 ng  
RT: 13.168 min Scan# 1  
Delta R.T. 0.003 min  
Lab File: BG053413.D  
Acq: 3 May 2022 12:05

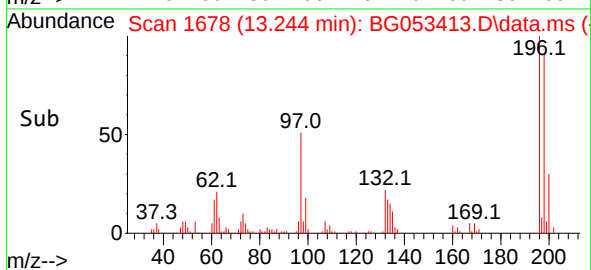
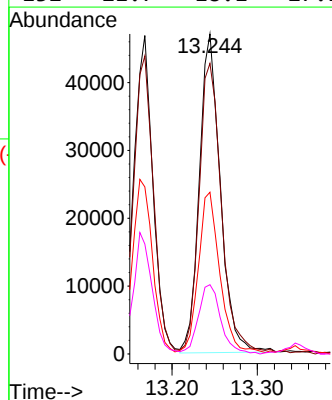
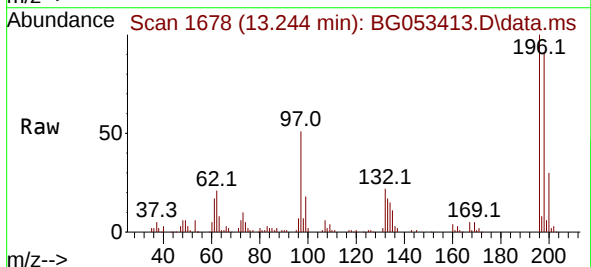
Instrument :  
BNA\_G  
ClientSampleId :  
PB144515BS

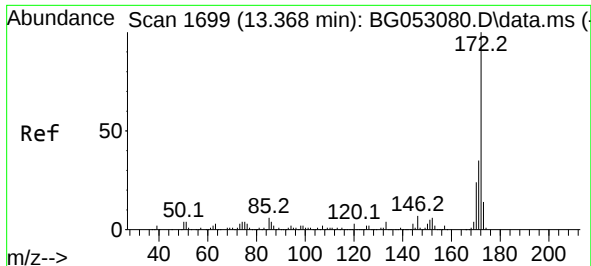
Tgt Ion:196 Resp: 73836  
Ion Ratio Lower Upper  
196 100  
198 93.6 78.8 118.2  
200 29.8 25.1 37.7



#44  
2,4,5-Trichlorophenol  
Concen: 36.814 ng  
RT: 13.244 min Scan# 1678  
Delta R.T. -0.003 min  
Lab File: BG053413.D  
Acq: 3 May 2022 12:05

Tgt Ion:196 Resp: 80432  
Ion Ratio Lower Upper  
196 100  
198 90.8 75.8 113.6  
97 50.5 36.5 54.7  
132 21.7 18.1 27.1

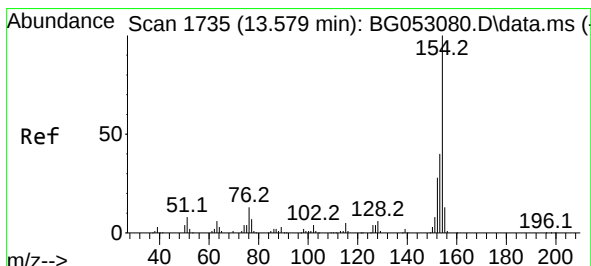
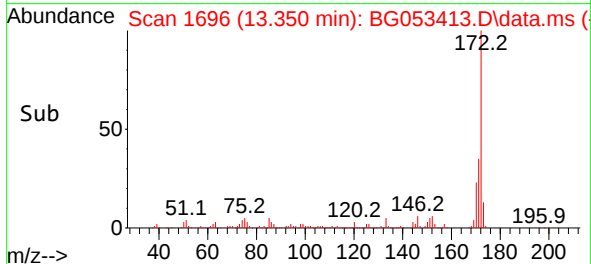
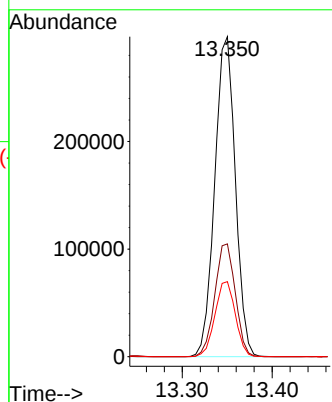
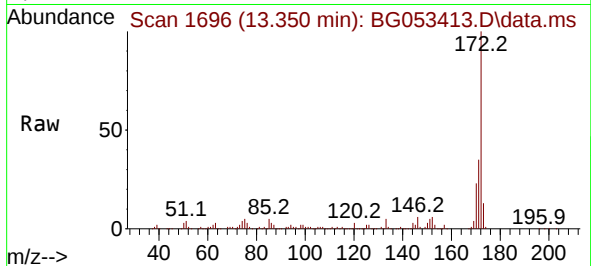




#45  
2-Fluorobiphenyl  
Concen: 74.418 ng  
RT: 13.350 min Scan# 1  
Delta R.T. 0.003 min  
Lab File: BG053413.D  
Acq: 3 May 2022 12:05

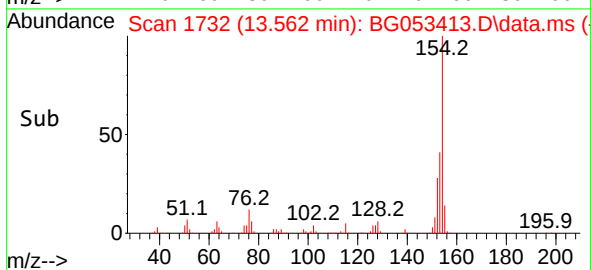
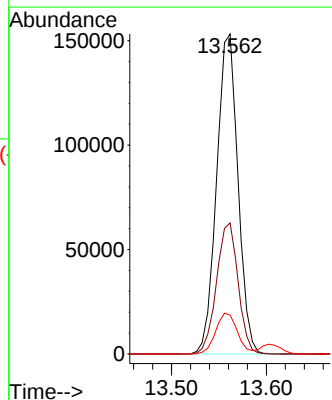
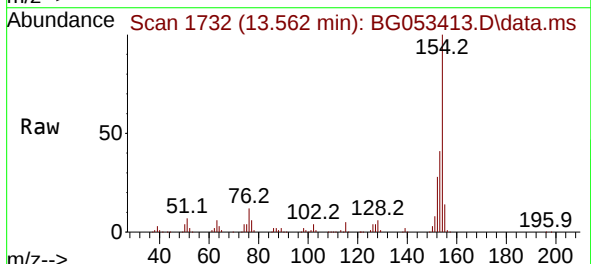
Instrument :  
BNA\_G  
ClientSampleId :  
PB144515BS

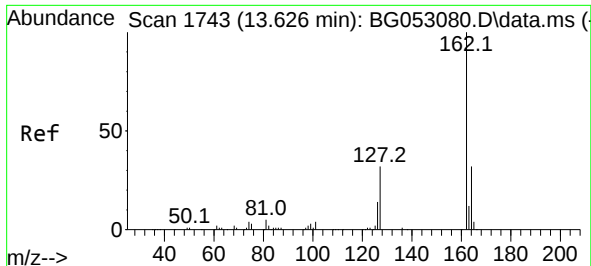
Tgt Ion:172 Resp: 472536  
Ion Ratio Lower Upper  
172 100  
171 35.3 28.3 42.5  
170 23.5 18.0 27.0



#46  
1,1'-Biphenyl  
Concen: 37.982 ng  
RT: 13.562 min Scan# 1732  
Delta R.T. 0.003 min  
Lab File: BG053413.D  
Acq: 3 May 2022 12:05

Tgt Ion:154 Resp: 239486  
Ion Ratio Lower Upper  
154 100  
153 40.9 21.6 61.6  
76 12.1 0.0 31.5

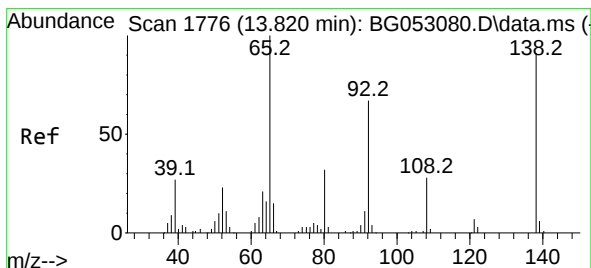
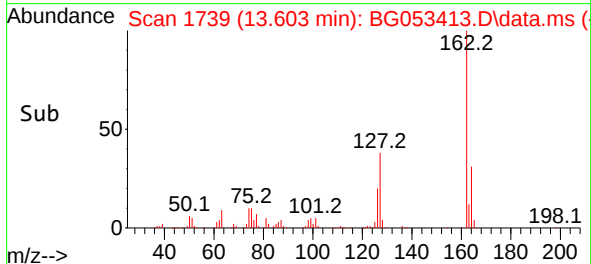
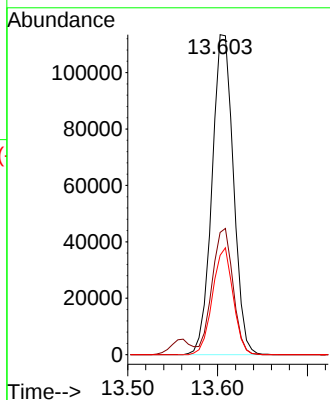
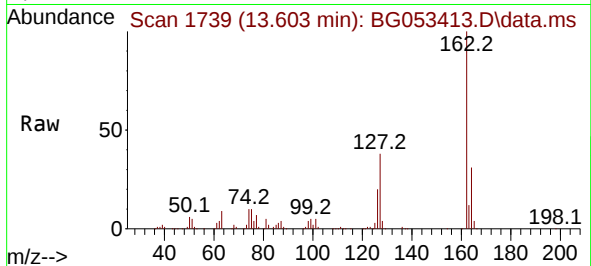




#47  
2-Chloronaphthalene  
Concen: 37.380 ng  
RT: 13.603 min Scan# 1739  
Delta R.T. -0.003 min  
Lab File: BG053413.D  
Acq: 3 May 2022 12:05

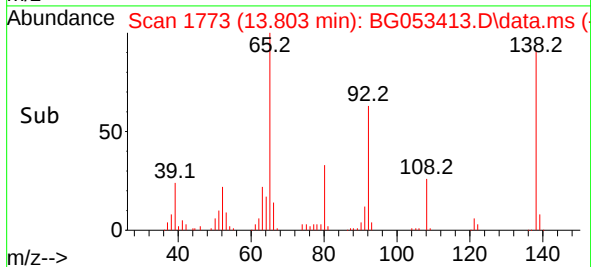
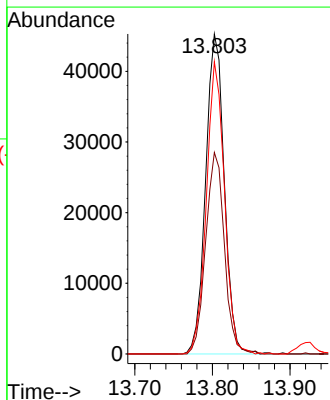
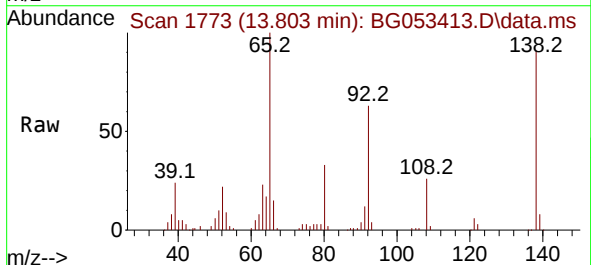
Instrument :  
BNA\_G  
ClientSampleId :  
PB144515BS

Tgt Ion:162 Resp: 188040  
Ion Ratio Lower Upper  
162 100  
127 38.2 28.1 42.1  
164 31.1 26.0 39.0



#48  
2-Nitroaniline  
Concen: 39.599 ng  
RT: 13.803 min Scan# 1773  
Delta R.T. -0.003 min  
Lab File: BG053413.D  
Acq: 3 May 2022 12:05

Tgt Ion: 65 Resp: 75598  
Ion Ratio Lower Upper  
65 100  
92 63.0 52.1 78.1  
138 91.3 80.1 120.1

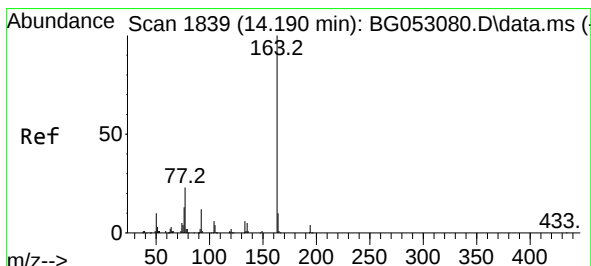
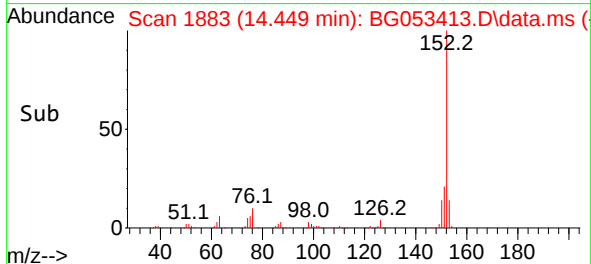
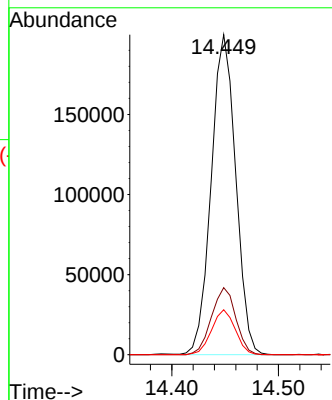
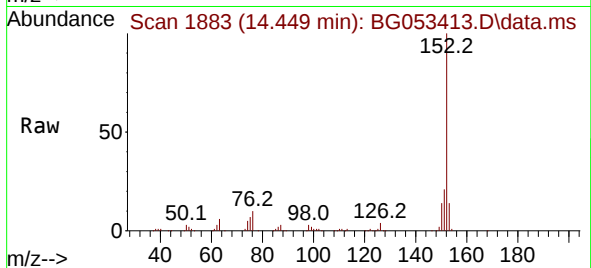




#49  
Acenaphthylene  
Concen: 40.509 ng  
RT: 14.449 min Scan# 1883  
Delta R.T. -0.003 min  
Lab File: BG053413.D  
Acq: 3 May 2022 12:05

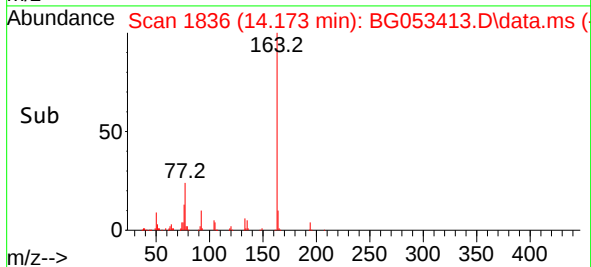
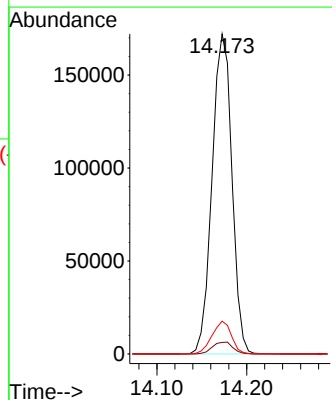
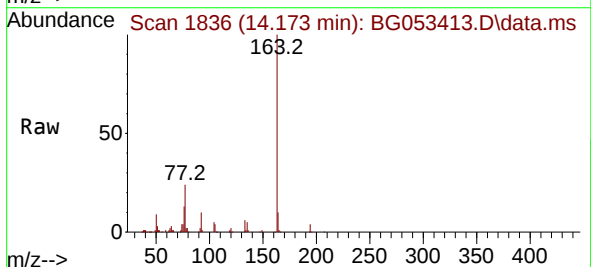
Instrument :  
BNA\_G  
ClientSampleId :  
PB144515BS

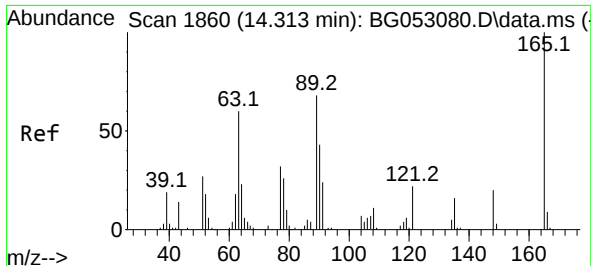
Tgt Ion:152 Resp: 318995  
Ion Ratio Lower Upper  
152 100  
151 21.0 15.8 23.6  
153 14.0 10.6 15.8



#50  
Dimethylphthalate  
Concen: 37.643 ng  
RT: 14.173 min Scan# 1836  
Delta R.T. -0.003 min  
Lab File: BG053413.D  
Acq: 3 May 2022 12:05

Tgt Ion:163 Resp: 263617  
Ion Ratio Lower Upper  
163 100  
194 3.6 3.3 4.9  
164 10.3 8.5 12.7

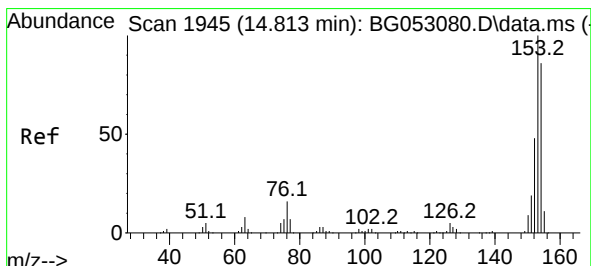
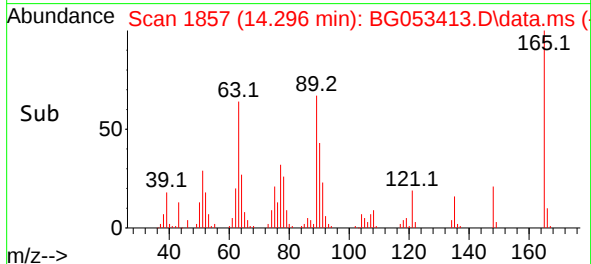
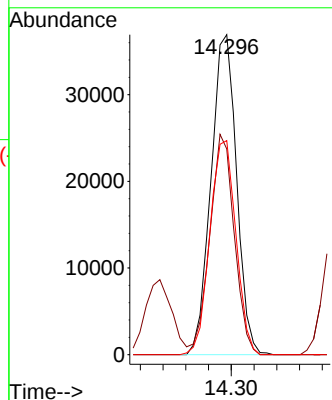
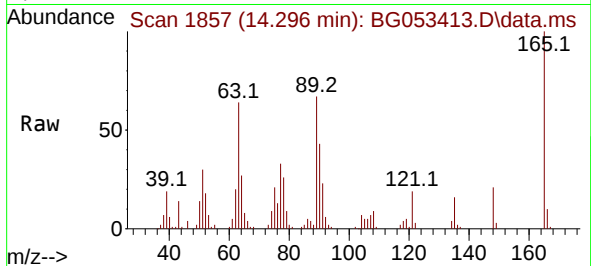




#51  
2,6-Dinitrotoluene  
Concen: 39.443 ng  
RT: 14.296 min Scan# 1860  
Delta R.T. 0.003 min  
Lab File: BG053413.D  
Acq: 3 May 2022 12:05

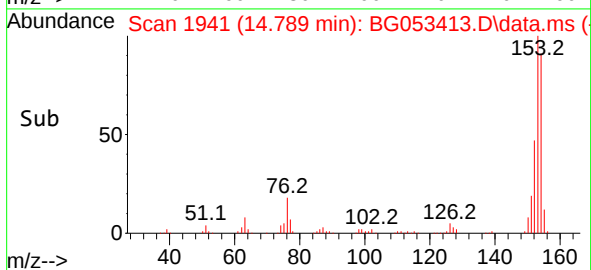
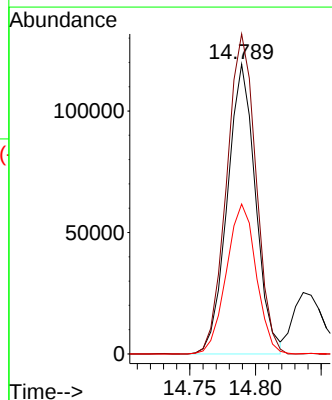
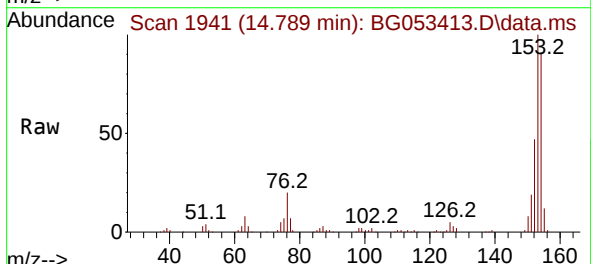
Instrument :  
BNA\_G  
ClientSampleId :  
PB144515BS

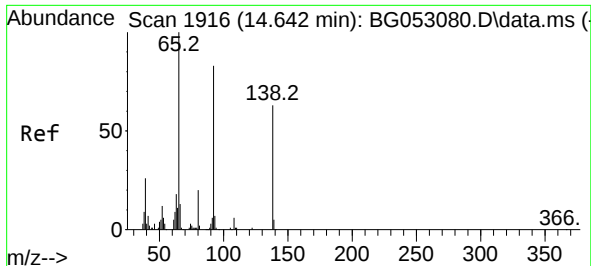
Tgt Ion:165 Resp: 57625  
Ion Ratio Lower Upper  
165 100  
63 64.3 43.7 65.5  
89 66.9 45.0 67.4



#52  
Acenaphthene  
Concen: 33.441 ng  
RT: 14.789 min Scan# 1941  
Delta R.T. -0.003 min  
Lab File: BG053413.D  
Acq: 3 May 2022 12:05

Tgt Ion:154 Resp: 178581  
Ion Ratio Lower Upper  
154 100  
153 110.4 89.0 133.4  
152 51.7 40.5 60.7

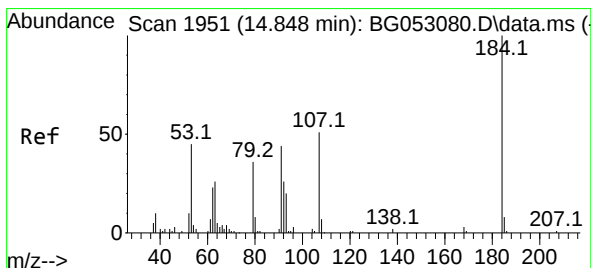
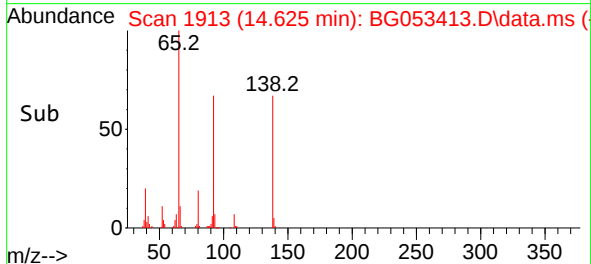
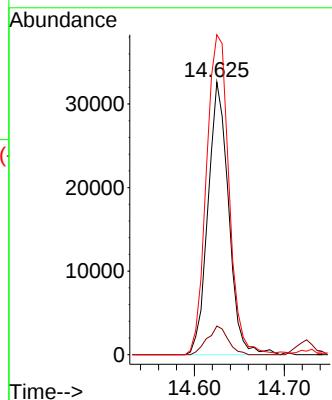
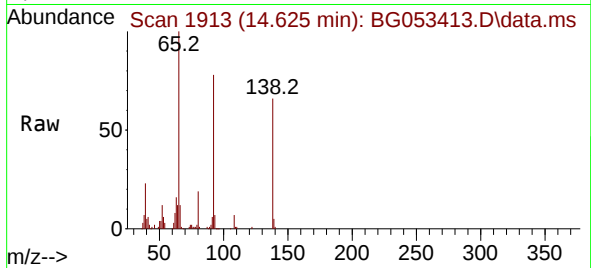




#53  
3-Nitroaniline  
Concen: 33.659 ng  
RT: 14.625 min Scan# 1913  
Delta R.T. -0.003 min  
Lab File: BG053413.D  
Acq: 3 May 2022 12:05

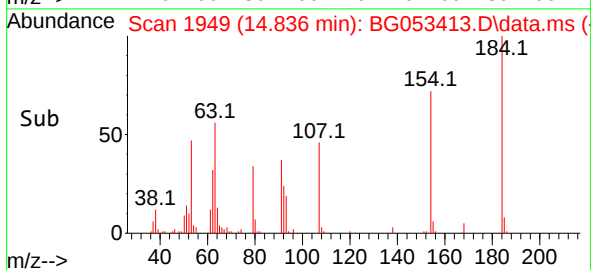
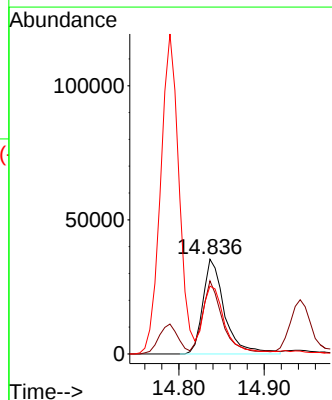
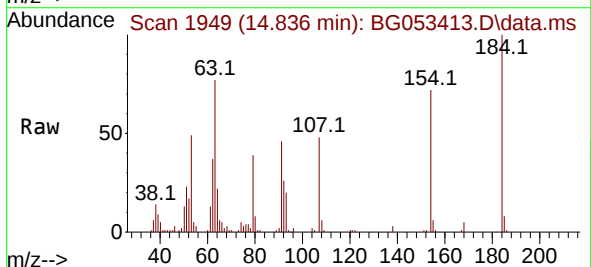
Instrument :  
BNA\_G  
ClientSampleId :  
PB144515BS

Tgt Ion:138 Resp: 51998  
Ion Ratio Lower Upper  
138 100  
108 10.5 8.0 12.0  
92 117.4 96.2 144.2



#54  
2,4-Dinitrophenol  
Concen: 67.324 ng  
RT: 14.836 min Scan# 1949  
Delta R.T. -0.003 min  
Lab File: BG053413.D  
Acq: 3 May 2022 12:05

Tgt Ion:184 Resp: 62584  
Ion Ratio Lower Upper  
184 100  
63 77.2 51.8 77.6  
154 71.7 47.8 71.6#

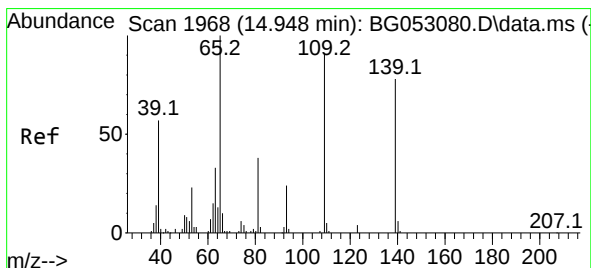
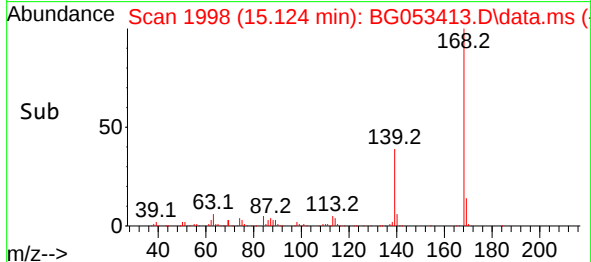
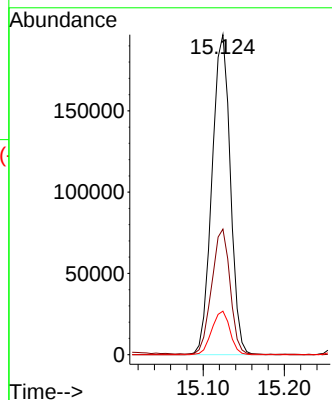
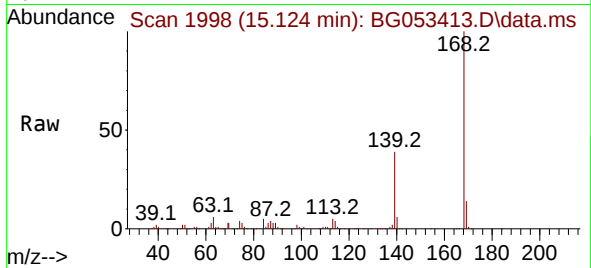




#55  
Dibenzofuran  
Concen: 36.889 ng  
RT: 15.124 min Scan# 1998  
Delta R.T. 0.003 min  
Lab File: BG053413.D  
Acq: 3 May 2022 12:05

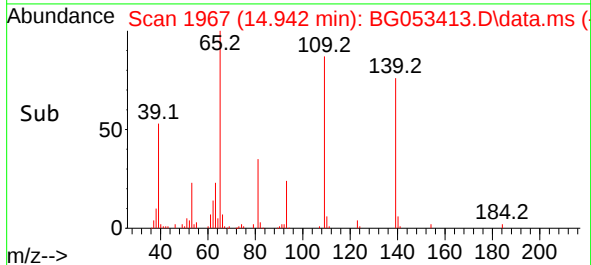
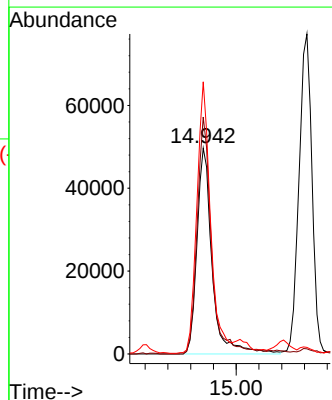
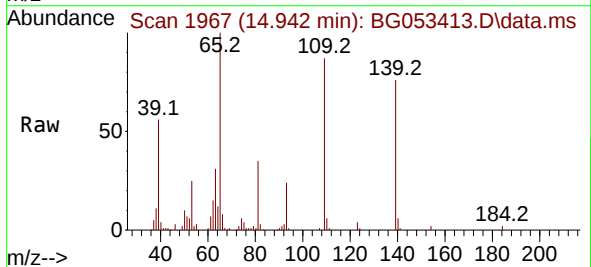
Instrument :  
BNA\_G  
ClientSampleId :  
PB144515BS

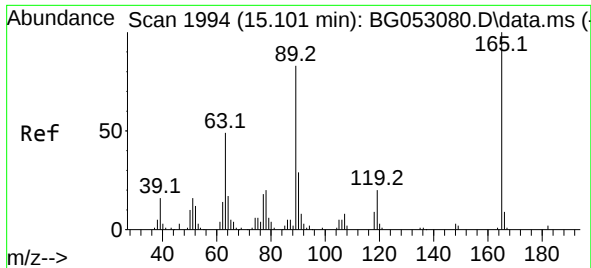
Tgt Ion:168 Resp: 308467  
Ion Ratio Lower Upper  
168 100  
139 39.2 30.2 45.4  
169 13.6 10.7 16.1



#56  
4-Nitrophenol  
Concen: 78.089 ng  
RT: 14.942 min Scan# 1967  
Delta R.T. -0.003 min  
Lab File: BG053413.D  
Acq: 3 May 2022 12:05

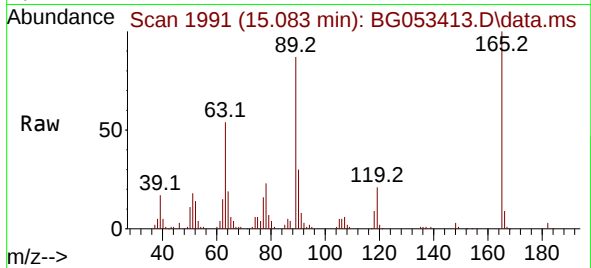
Tgt Ion:139 Resp: 92006  
Ion Ratio Lower Upper  
139 100  
109 115.1 67.1 107.1#  
65 132.3 88.2 128.2#



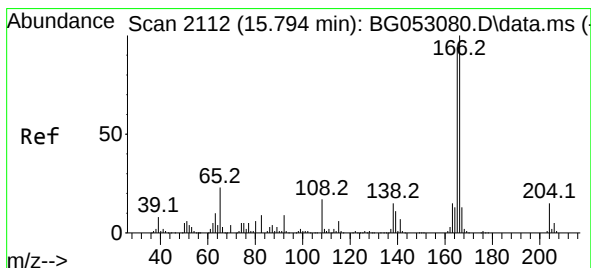
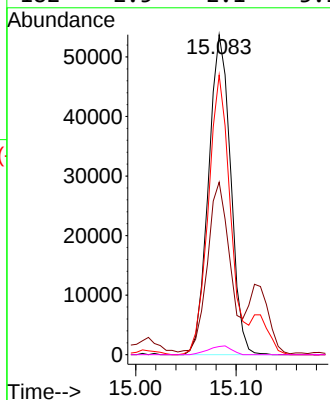
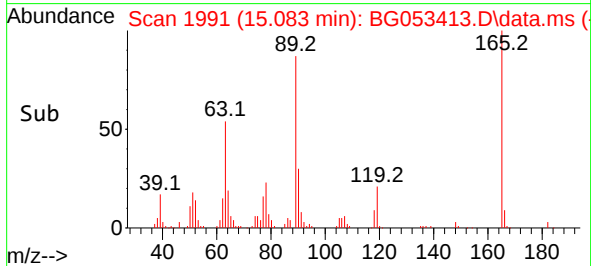


#57  
2,4-Dinitrotoluene  
Concen: 39.565 ng  
RT: 15.083 min Scan# 11  
Delta R.T. -0.003 min  
Lab File: BG053413.D  
Acq: 3 May 2022 12:05

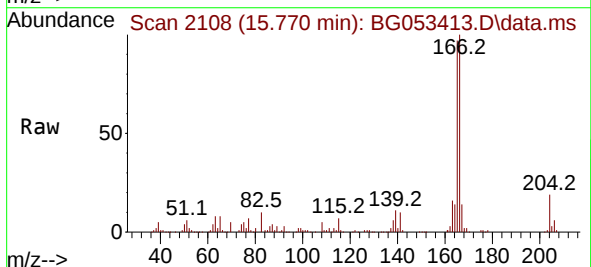
Instrument :  
BNA\_G  
ClientSampleId :  
PB144515BS



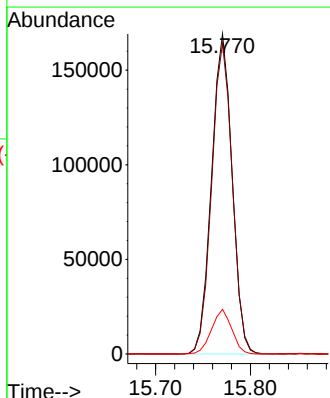
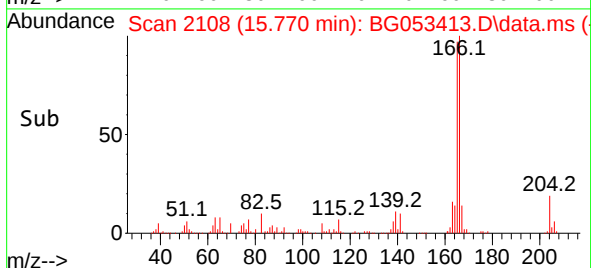
Tgt Ion:165 Resp: 82294  
Ion Ratio Lower Upper  
165 100  
63 53.9 34.8 52.2#  
89 87.4 57.4 86.0#  
182 2.5 2.1 3.1



#58  
Fluorene  
Concen: 37.677 ng  
RT: 15.770 min Scan# 2108  
Delta R.T. -0.003 min  
Lab File: BG053413.D  
Acq: 3 May 2022 12:05



Tgt Ion:166 Resp: 254459  
Ion Ratio Lower Upper  
166 100  
165 97.1 78.6 117.8  
167 13.9 10.9 16.3

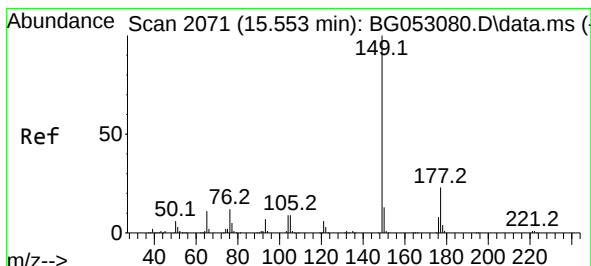
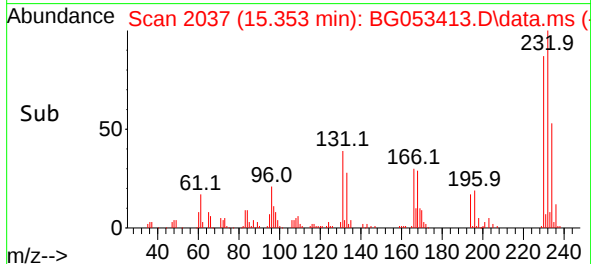
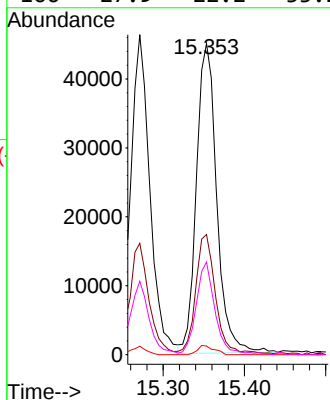
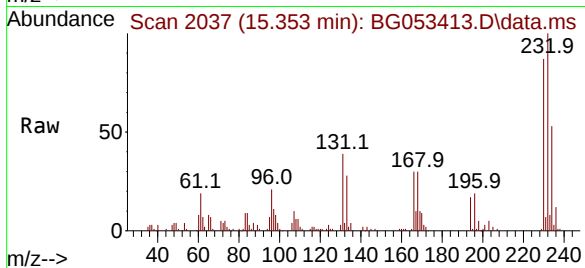




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 36.714 ng  
RT: 15.353 min Scan# 2040  
Delta R.T. 0.003 min  
Lab File: BG053413.D  
Acq: 3 May 2022 12:05

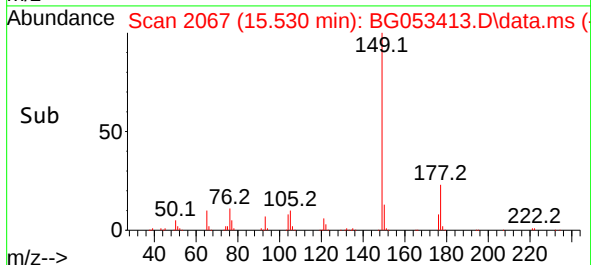
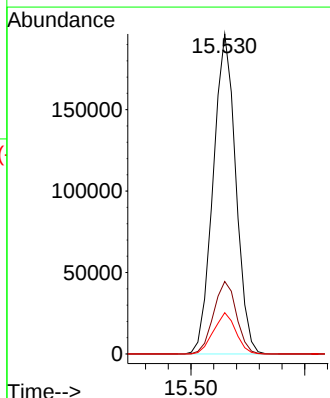
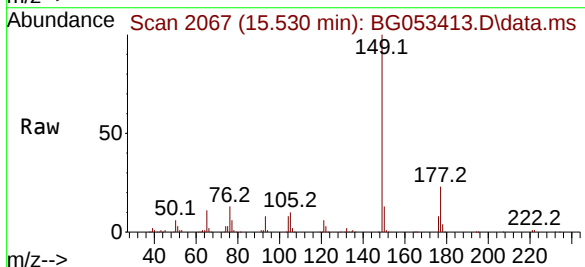
Instrument :  
BNA\_G  
ClientSampleId :  
PB144515BS

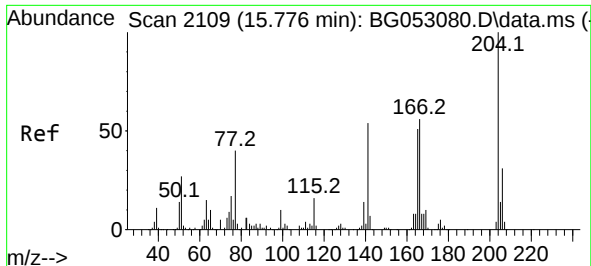
Tgt Ion:232 Resp: 77898  
Ion Ratio Lower Upper  
232 100  
131 37.6 30.1 45.1  
130 2.4 1.8 2.8  
166 27.9 22.2 33.2



#60  
Diethylphthalate  
Concen: 37.003 ng  
RT: 15.530 min Scan# 2067  
Delta R.T. -0.003 min  
Lab File: BG053413.D  
Acq: 3 May 2022 12:05

Tgt Ion:149 Resp: 271512  
Ion Ratio Lower Upper  
149 100  
177 22.7 18.2 27.2  
150 12.9 9.9 14.9

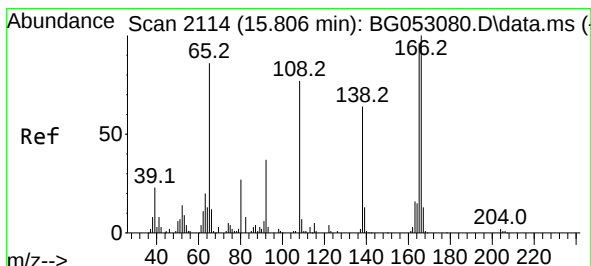
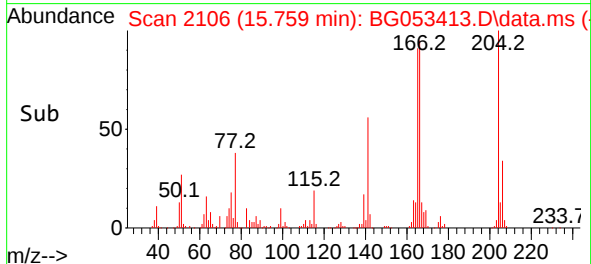
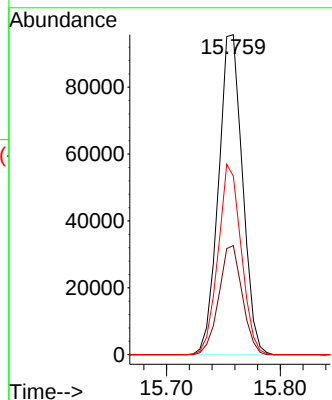
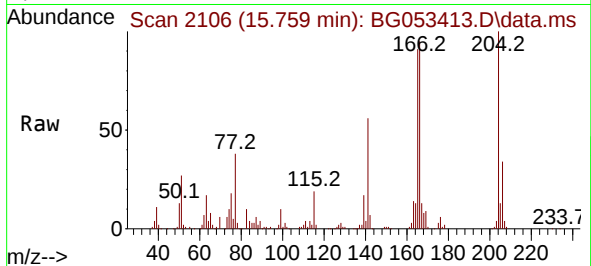




#61  
4-Chlorophenyl-phenylether  
Concen: 36.663 ng  
RT: 15.759 min Scan# 2109  
Delta R.T. 0.003 min  
Lab File: BG053413.D  
Acq: 3 May 2022 12:05

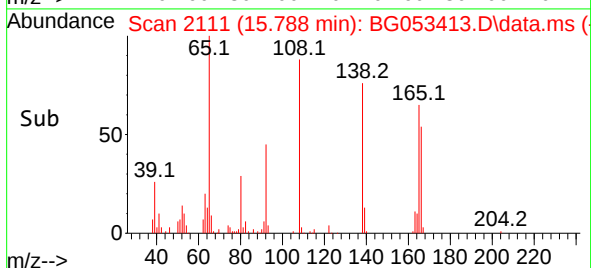
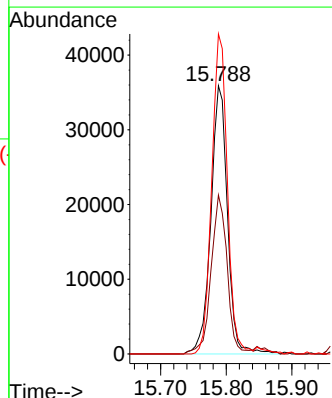
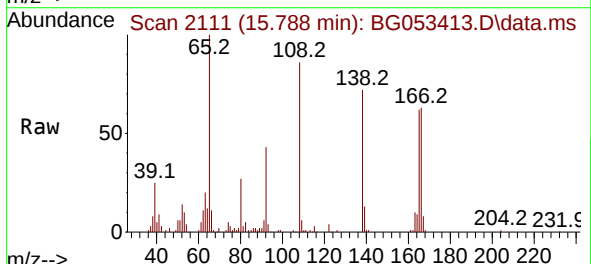
Instrument :  
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ClientSampleId :  
PB144515BS

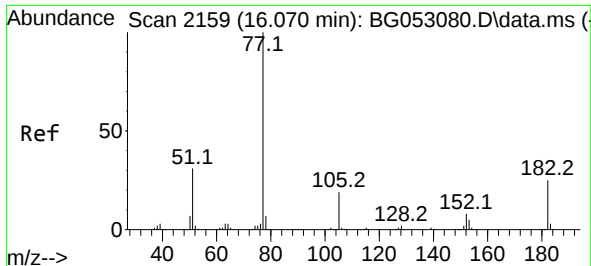
Tgt Ion:204 Resp: 140363  
Ion Ratio Lower Upper  
204 100  
206 34.1 28.3 42.5  
141 55.8 45.8 68.8



#62  
4-Nitroaniline  
Concen: 38.778 ng  
RT: 15.788 min Scan# 2111  
Delta R.T. -0.003 min  
Lab File: BG053413.D  
Acq: 3 May 2022 12:05

Tgt Ion:138 Resp: 63214  
Ion Ratio Lower Upper  
138 100  
92 59.3 33.3 73.3  
108 119.3 74.2 114.2#

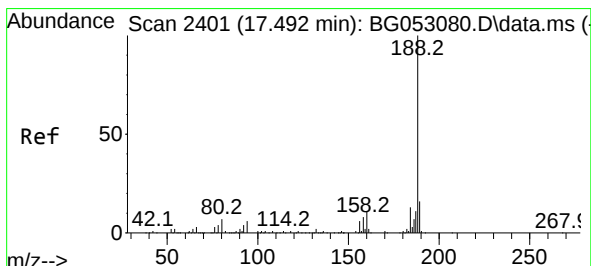
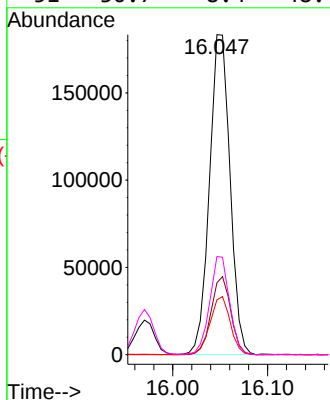
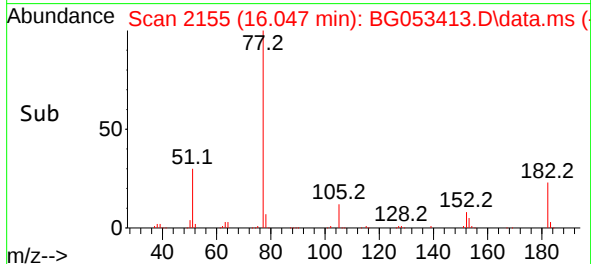
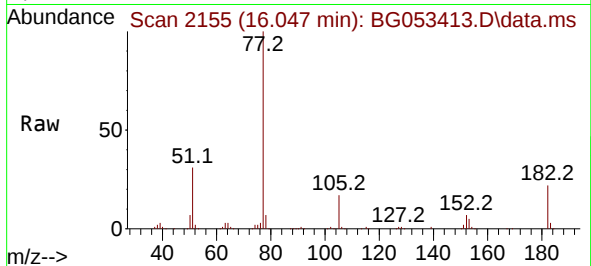




#63  
Azobenzene  
Concen: 37.389 ng  
RT: 16.047 min Scan# 2155  
Delta R.T. -0.003 min  
Lab File: BG053413.D  
Acq: 3 May 2022 12:05

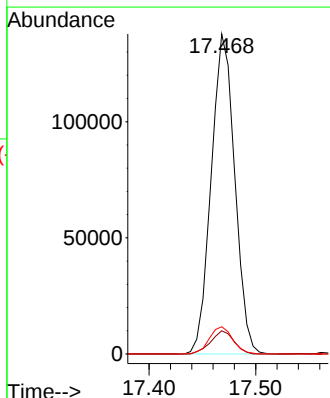
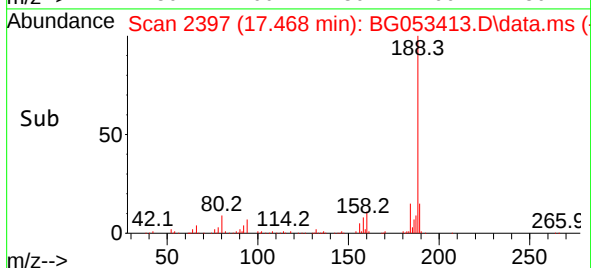
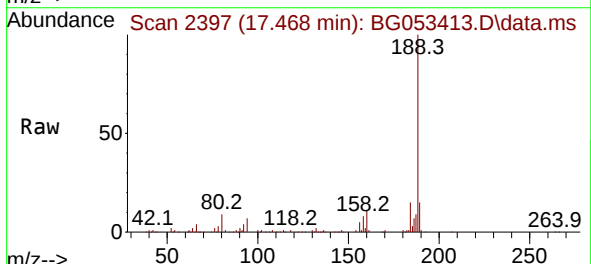
Instrument :  
BNA\_G  
ClientSampleId :  
PB144515BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 77    | Resp: | 276599 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 182      | 22.4  | 5.6   | 45.6   |
| 105      | 17.2  | 0.0   | 38.8   |
| 51       | 30.7  | 8.4   | 48.4   |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.468 min Scan# 2397  
Delta R.T. -0.003 min  
Lab File: BG053413.D  
Acq: 3 May 2022 12:05

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 211122 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 7.2   | 5.7   | 8.5    |
| 80       | 8.5   | 7.2   | 10.8   |

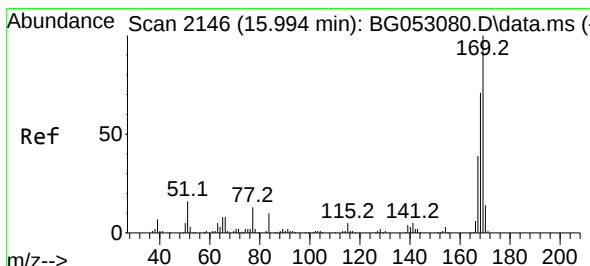
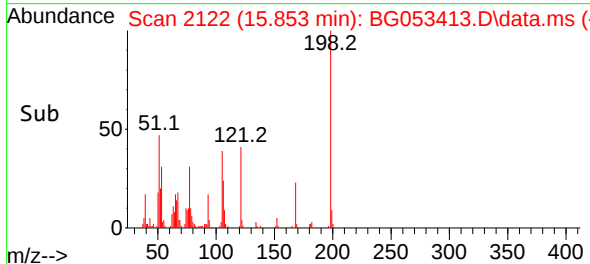
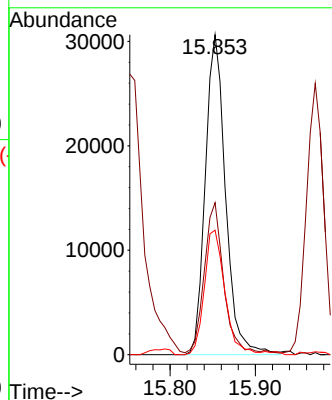
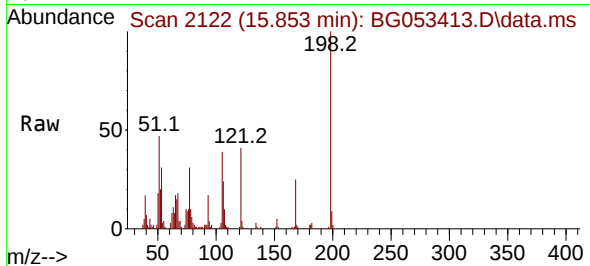




#65  
4,6-Dinitro-2-methylphenol  
Concen: 34.320 ng  
RT: 15.853 min Scan# 2122  
Delta R.T. -0.003 min  
Lab File: BG053413.D  
Acq: 3 May 2022 12:05

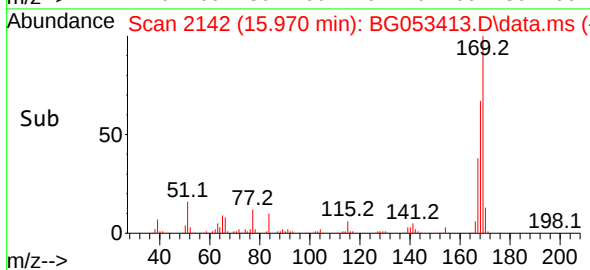
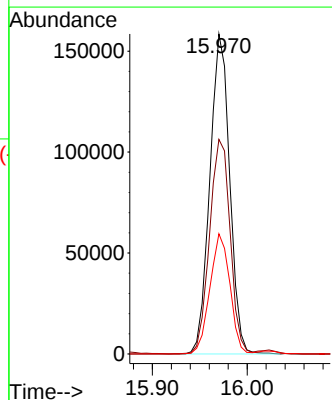
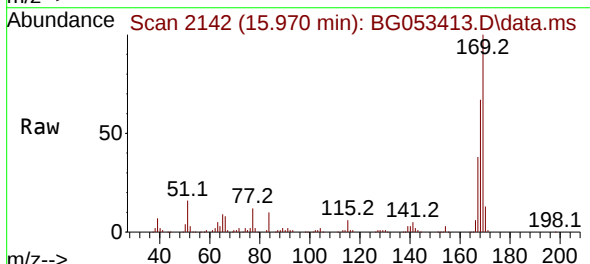
Instrument :  
BNA\_G  
ClientSampleId :  
PB144515BS

Tgt Ion:198 Resp: 50551  
Ion Ratio Lower Upper  
198 100  
51 47.5 21.7 61.7  
105 38.9 20.8 60.8



#66  
n-Nitrosodiphenylamine  
Concen: 37.881 ng  
RT: 15.970 min Scan# 2142  
Delta R.T. -0.003 min  
Lab File: BG053413.D  
Acq: 3 May 2022 12:05

Tgt Ion:169 Resp: 229984  
Ion Ratio Lower Upper  
169 100  
168 67.0 54.5 81.7  
167 37.6 29.6 44.4

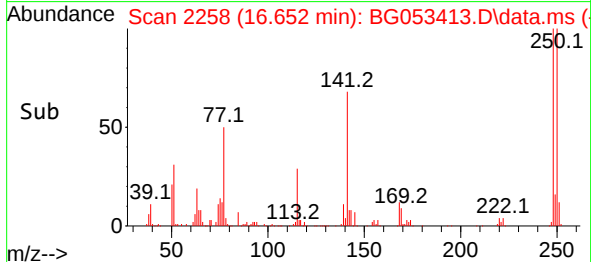
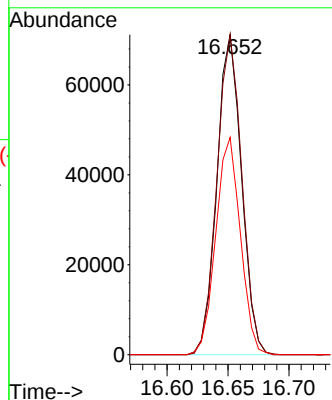
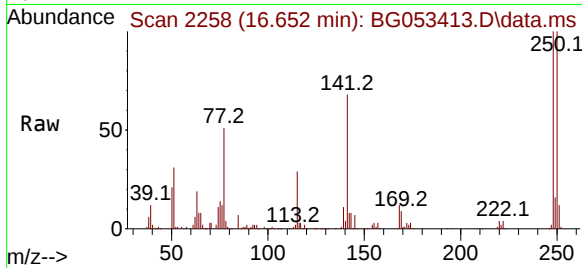




#67  
4-Bromophenyl-phenylether  
Concen: 36.932 ng  
RT: 16.652 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: BG053413.D  
Acq: 3 May 2022 12:05

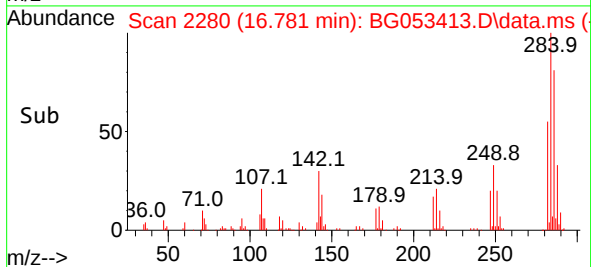
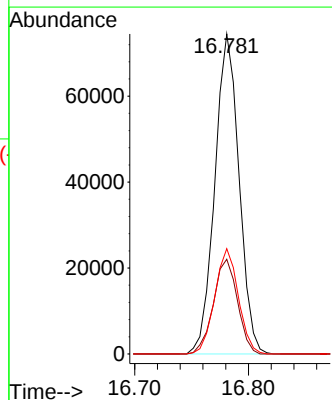
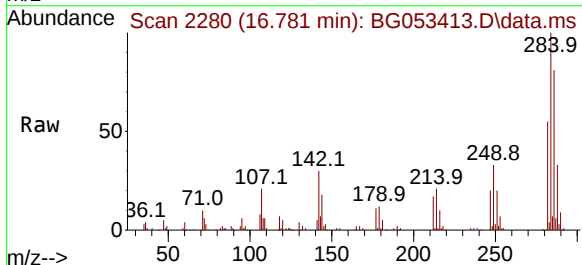
Instrument :  
BNA\_G  
ClientSampleId :  
PB144515BS

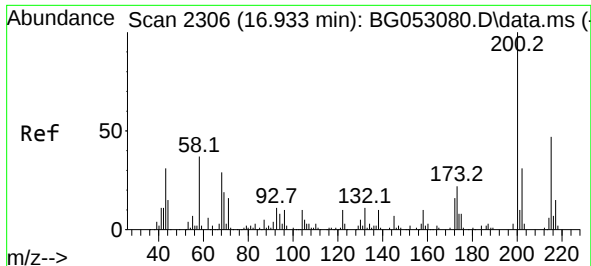
Tgt Ion:248 Resp: 99909  
Ion Ratio Lower Upper  
248 100  
250 100.1 77.9 116.9  
141 67.9 49.2 73.8



#68  
Hexachlorobenzene  
Concen: 37.542 ng  
RT: 16.781 min Scan# 2280  
Delta R.T. -0.003 min  
Lab File: BG053413.D  
Acq: 3 May 2022 12:05

Tgt Ion:284 Resp: 109985  
Ion Ratio Lower Upper  
284 100  
142 29.6 21.0 31.4  
249 32.9 22.7 34.1

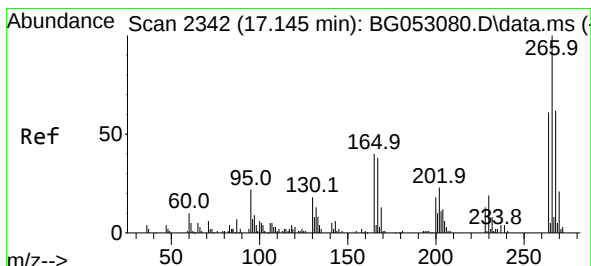
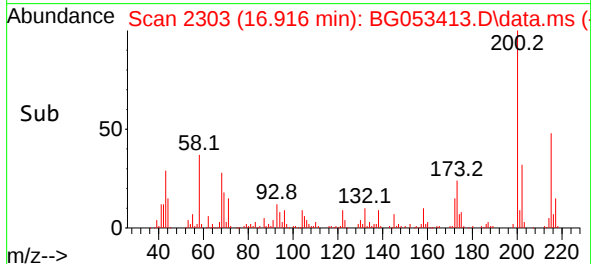
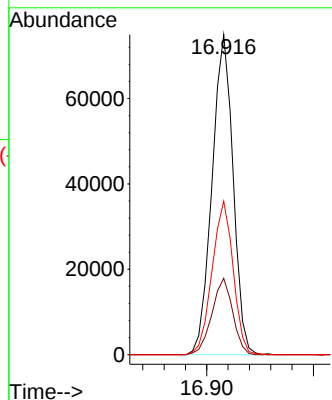
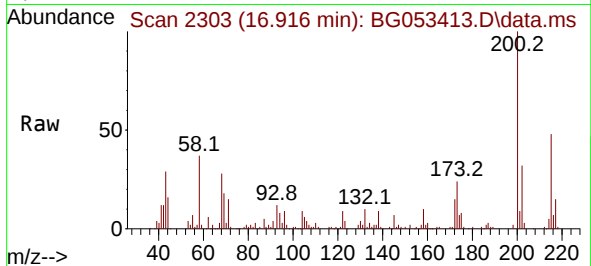




#69  
 Atrazine  
 Concen: 43.201 ng  
 RT: 16.916 min Scan# 21  
 Delta R.T. 0.003 min  
 Lab File: BG053413.D  
 Acq: 3 May 2022 12:05

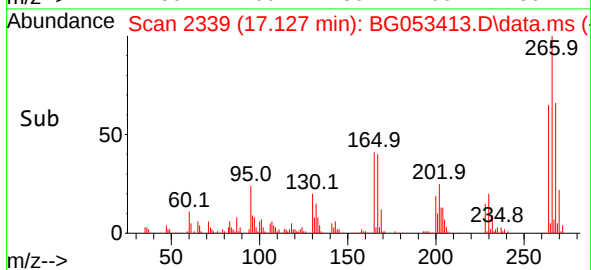
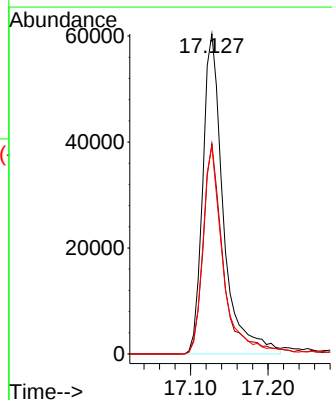
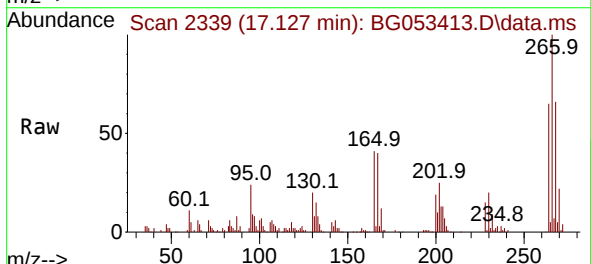
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB144515BS

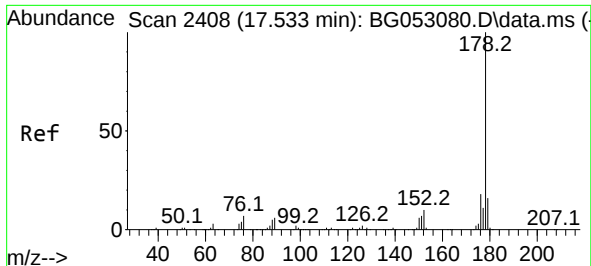
Tgt Ion:200 Resp: 102453  
 Ion Ratio Lower Upper  
 200 100  
 173 23.9 3.8 43.8  
 215 47.9 26.3 66.3



#70  
 Pentachlorophenol  
 Concen: 69.532 ng  
 RT: 17.127 min Scan# 2339  
 Delta R.T. -0.003 min  
 Lab File: BG053413.D  
 Acq: 3 May 2022 12:05

Tgt Ion:266 Resp: 111328  
 Ion Ratio Lower Upper  
 266 100  
 268 65.7 45.9 68.9  
 264 65.0 45.3 67.9

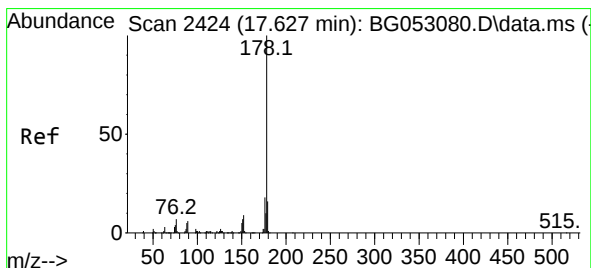
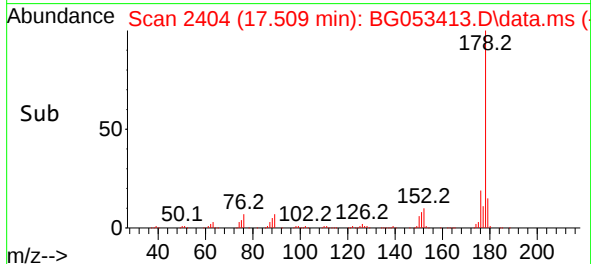
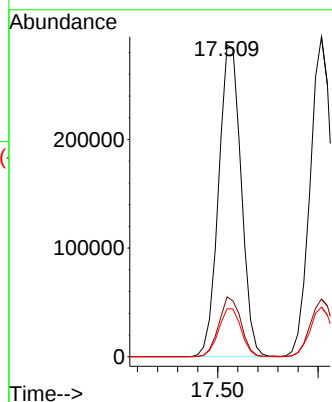
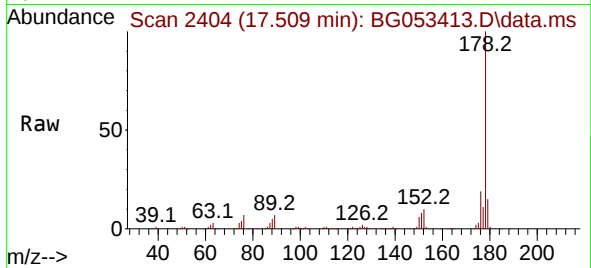




#71  
Phenanthrene  
Concen: 38.758 ng  
RT: 17.509 min Scan# 24  
Delta R.T. -0.003 min  
Lab File: BG053413.D  
Acq: 3 May 2022 12:05

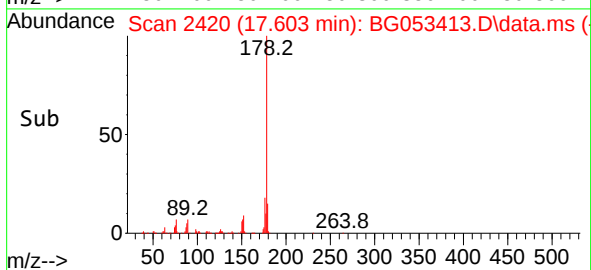
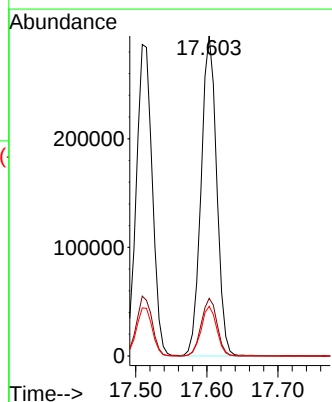
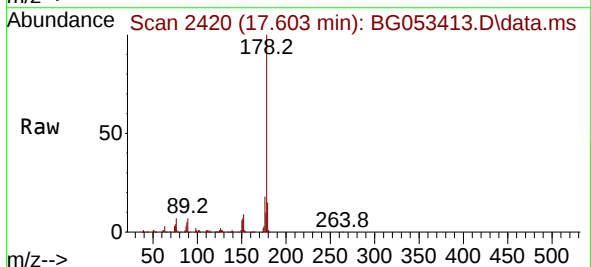
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BNA\_G  
ClientSampleId :  
PB144515BS

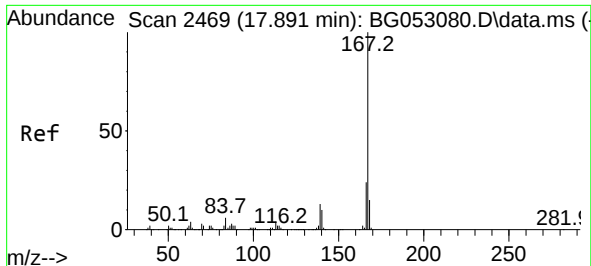
Tgt Ion:178 Resp: 446951  
Ion Ratio Lower Upper  
178 100  
176 19.2 15.9 23.9  
179 15.4 13.4 20.2



#72  
Anthracene  
Concen: 39.400 ng  
RT: 17.603 min Scan# 2420  
Delta R.T. -0.003 min  
Lab File: BG053413.D  
Acq: 3 May 2022 12:05

Tgt Ion:178 Resp: 450132  
Ion Ratio Lower Upper  
178 100  
176 18.0 14.7 22.1  
179 15.5 13.2 19.8

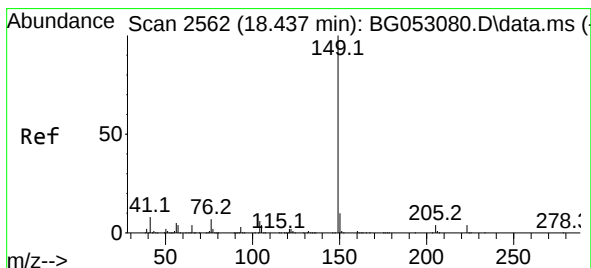
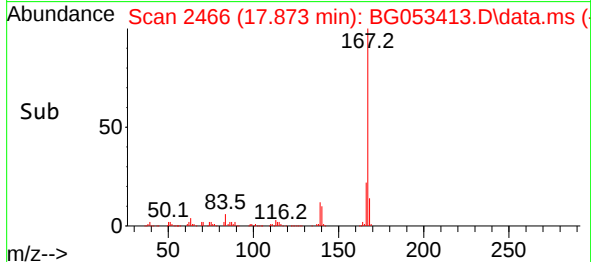
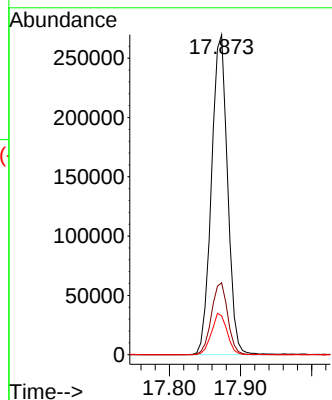
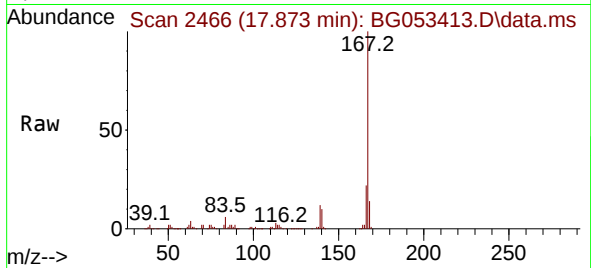




#73  
 Carbazole  
 Concen: 38.215 ng  
 RT: 17.873 min Scan# 2466  
 Delta R.T. 0.003 min  
 Lab File: BG053413.D  
 Acq: 3 May 2022 12:05

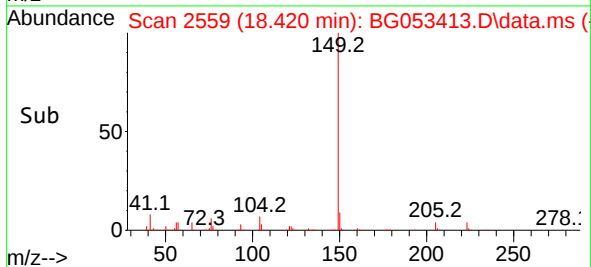
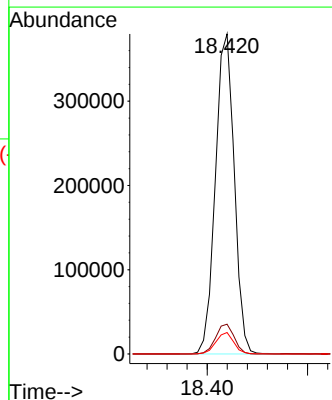
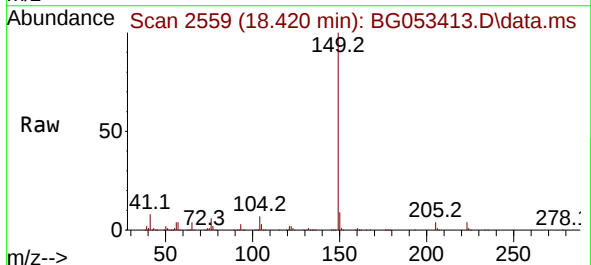
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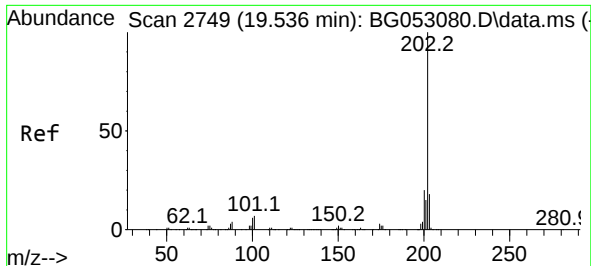
Tgt Ion:167 Resp: 424394  
 Ion Ratio Lower Upper  
 167 100  
 166 22.4 18.5 27.7  
 139 12.1 10.0 15.0



#74  
 Di-n-butylphthalate  
 Concen: 39.249 ng  
 RT: 18.420 min Scan# 2559  
 Delta R.T. 0.003 min  
 Lab File: BG053413.D  
 Acq: 3 May 2022 12:05

Tgt Ion:149 Resp: 494342  
 Ion Ratio Lower Upper  
 149 100  
 150 9.3 7.0 10.6  
 104 6.7 4.6 7.0

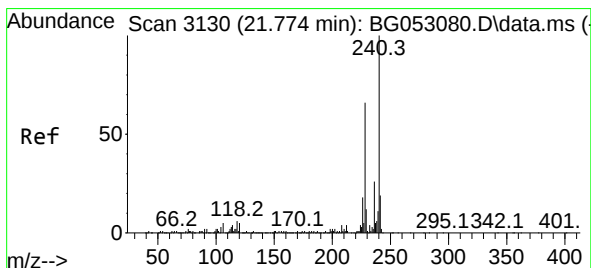
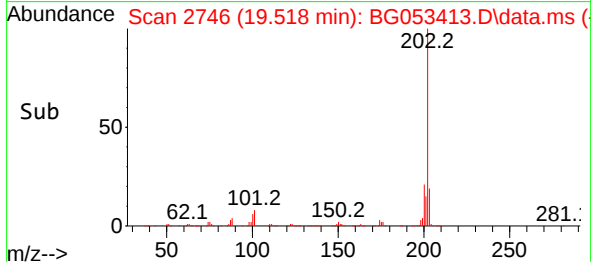
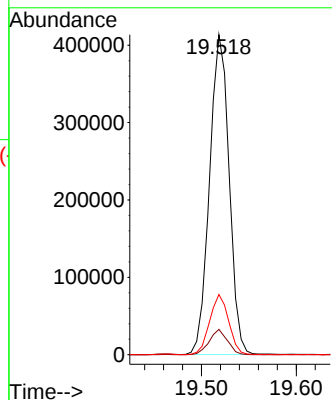
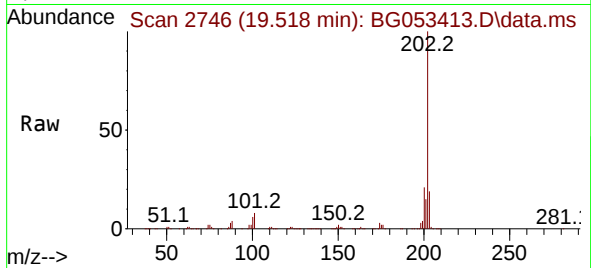




#75  
Fluoranthene  
Concen: 40.186 ng  
RT: 19.518 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: BG053413.D  
Acq: 3 May 2022 12:05

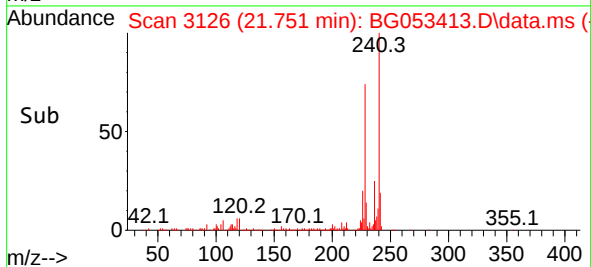
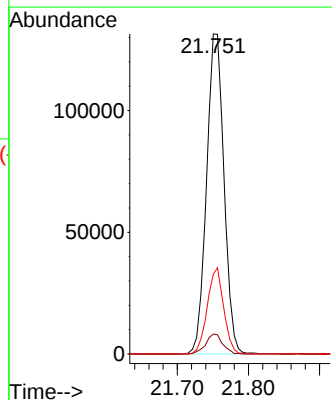
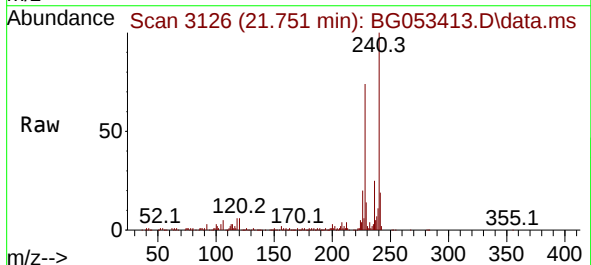
Instrument :  
BNA\_G  
ClientSampleId :  
PB144515BS

Tgt Ion:202 Resp: 594023  
Ion Ratio Lower Upper  
202 100  
101 7.9 0.0 27.3  
203 18.8 0.0 37.7



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.751 min Scan# 3126  
Delta R.T. -0.003 min  
Lab File: BG053413.D  
Acq: 3 May 2022 12:05

Tgt Ion:240 Resp: 224592  
Ion Ratio Lower Upper  
240 100  
120 6.2 5.4 8.0  
236 24.9 19.8 29.6

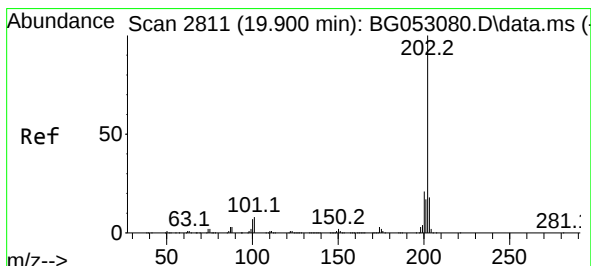
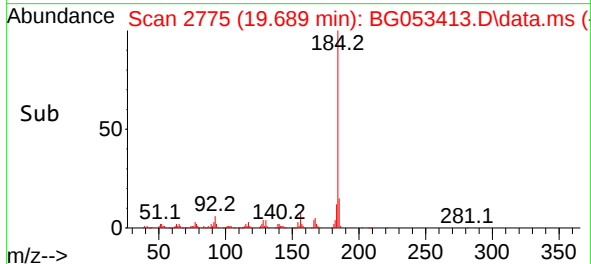
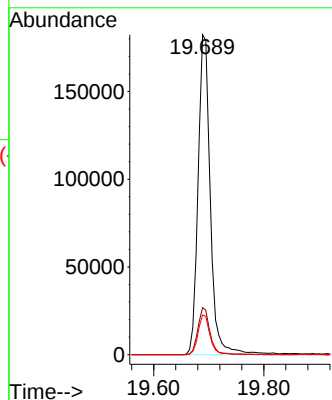
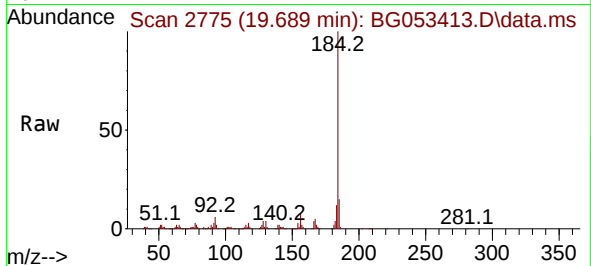




#77  
Benzidine  
Concen: 44.077 ng  
RT: 19.689 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: BG053413.D  
Acq: 3 May 2022 12:05

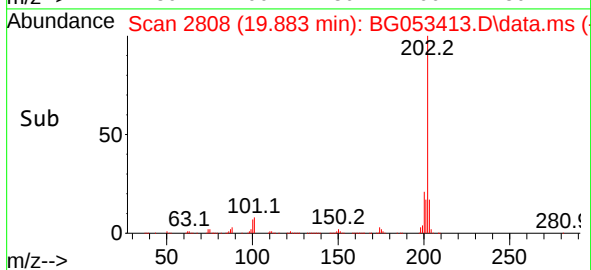
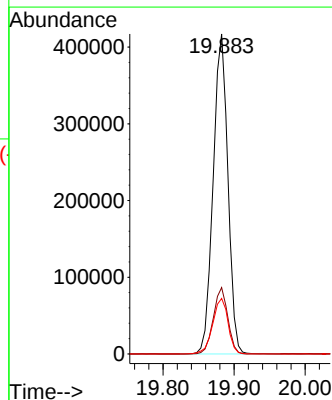
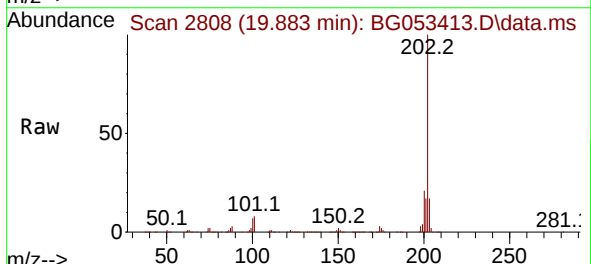
Instrument :  
BNA\_G  
ClientSampleId :  
PB144515BS

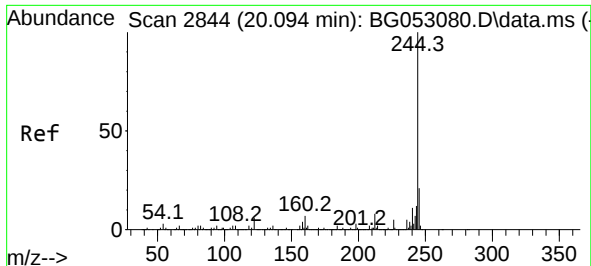
Tgt Ion:184 Resp: 282447  
Ion Ratio Lower Upper  
184 100  
185 14.7 11.5 17.3  
183 12.4 9.4 14.2



#78  
Pyrene  
Concen: 37.442 ng  
RT: 19.883 min Scan# 2808  
Delta R.T. 0.003 min  
Lab File: BG053413.D  
Acq: 3 May 2022 12:05

Tgt Ion:202 Resp: 598896  
Ion Ratio Lower Upper  
202 100  
200 20.8 17.0 25.6  
203 17.3 15.0 22.6

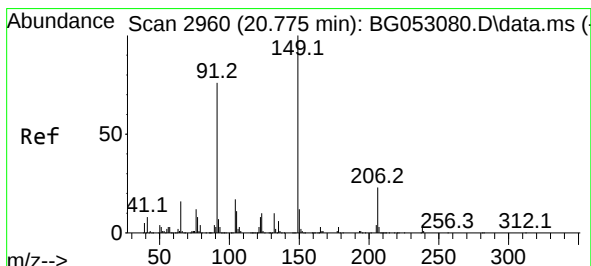
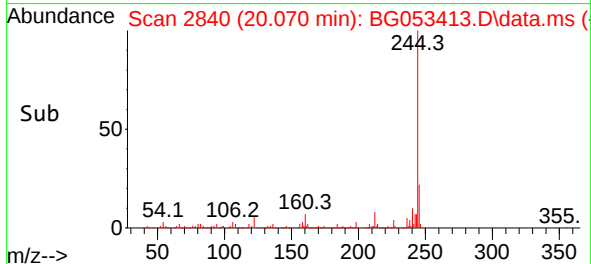
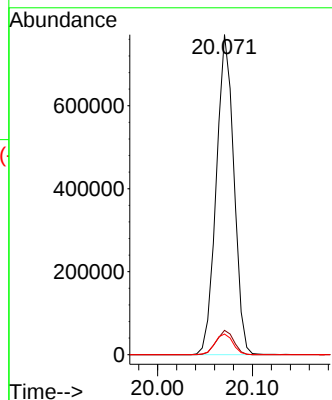
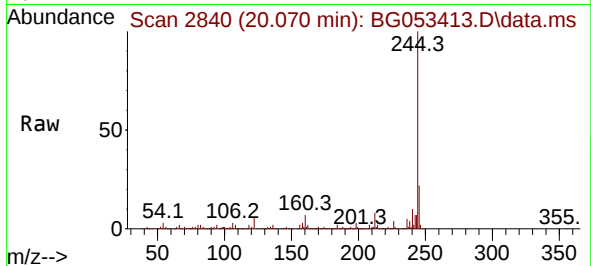




#79  
 Terphenyl-d14  
 Concen: 74.806 ng  
 RT: 20.070 min Scan# 21  
 Delta R.T. -0.003 min  
 Lab File: BG053413.D  
 Acq: 3 May 2022 12:05

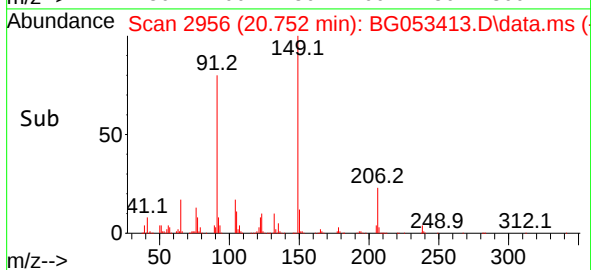
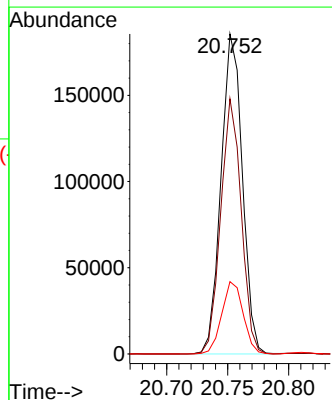
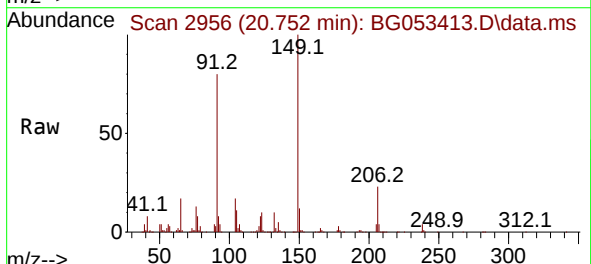
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB144515BS

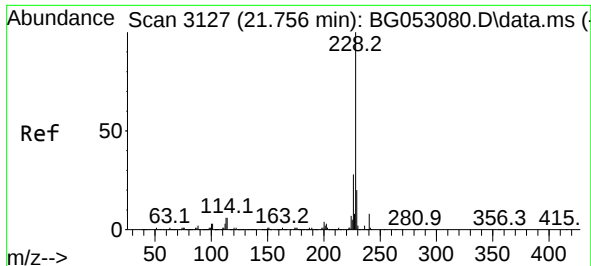
Tgt Ion:244 Resp: 994774  
 Ion Ratio Lower Upper  
 244 100  
 212 7.6 5.4 8.2  
 122 6.4 5.8 8.6



#80  
 Butylbenzylphthalate  
 Concen: 37.903 ng  
 RT: 20.752 min Scan# 2956  
 Delta R.T. -0.003 min  
 Lab File: BG053413.D  
 Acq: 3 May 2022 12:05

Tgt Ion:149 Resp: 226030  
 Ion Ratio Lower Upper  
 149 100  
 91 79.8 60.2 90.4  
 206 22.6 19.4 29.2

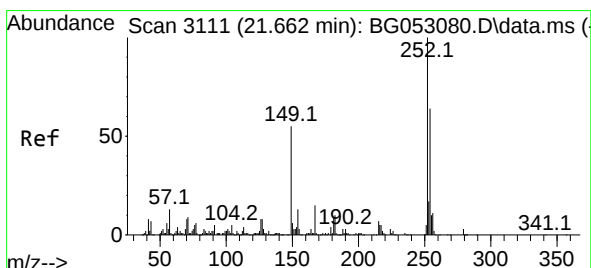
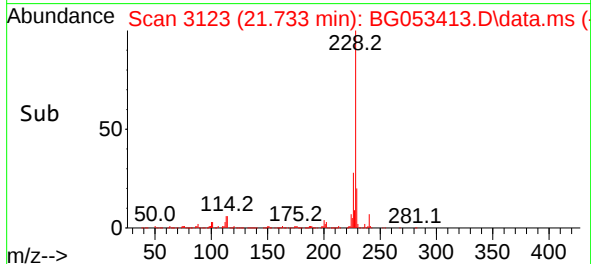
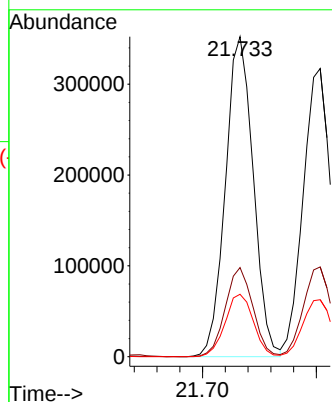
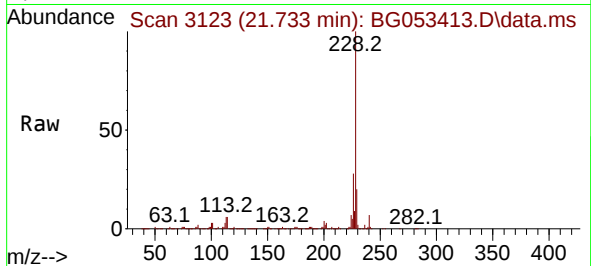




#81  
 Benzo(a)anthracene  
 Concen: 39.073 ng  
 RT: 21.733 min Scan# 3107  
 Delta R.T. -0.003 min  
 Lab File: BG053413.D  
 Acq: 3 May 2022 12:05

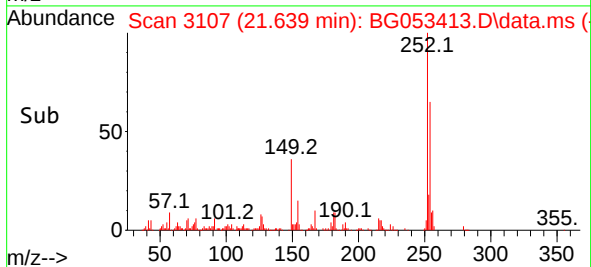
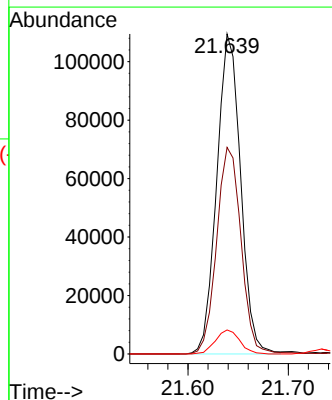
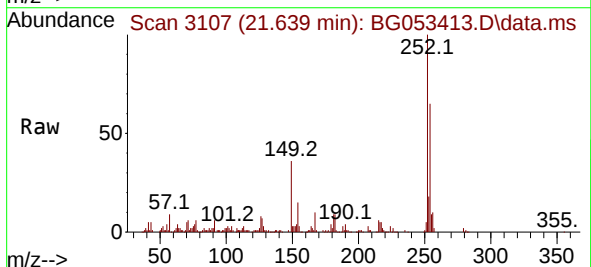
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB144515BS

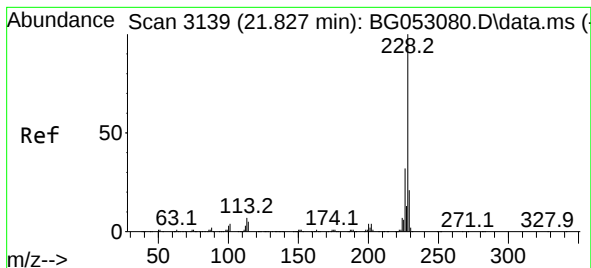
Tgt Ion:228 Resp: 600006  
 Ion Ratio Lower Upper  
 228 100  
 226 27.9 21.4 32.0  
 229 19.5 16.7 25.1



#82  
 3,3'-Dichlorobenzidine  
 Concen: 31.954 ng  
 RT: 21.639 min Scan# 3107  
 Delta R.T. -0.003 min  
 Lab File: BG053413.D  
 Acq: 3 May 2022 12:05

Tgt Ion:252 Resp: 180457  
 Ion Ratio Lower Upper  
 252 100  
 254 64.5 51.2 76.8  
 126 7.5 5.8 8.8





#83

Chrysene

Concen: 38.062 ng

RT: 21.803 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG053413.D

Acq: 3 May 2022 12:05

Instrument :

BNA\_G

ClientSampleId :

PB144515BS

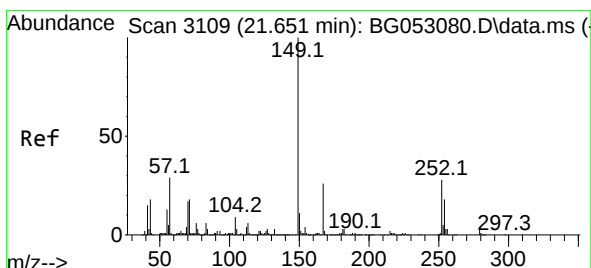
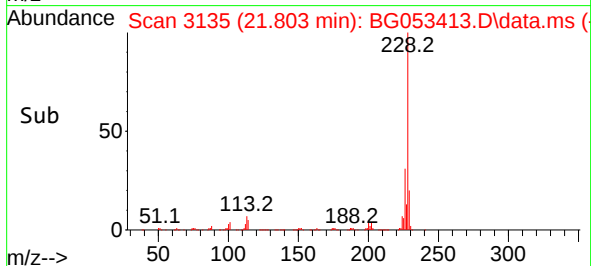
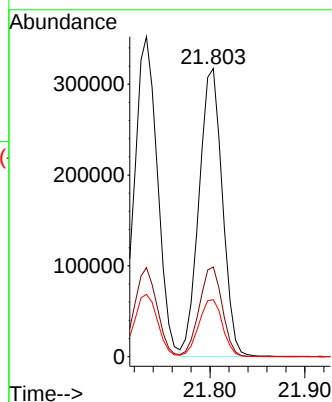
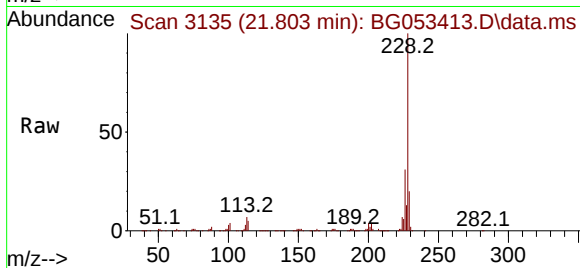
Tgt Ion:228 Resp: 542441

Ion Ratio Lower Upper

228 100

226 31.1 24.2 36.4

229 19.8 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.835 ng

RT: 21.621 min Scan# 3104

Delta R.T. -0.003 min

Lab File: BG053413.D

Acq: 3 May 2022 12:05

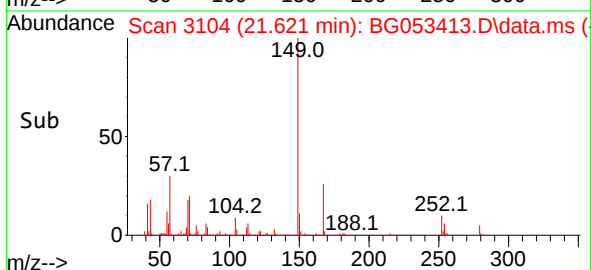
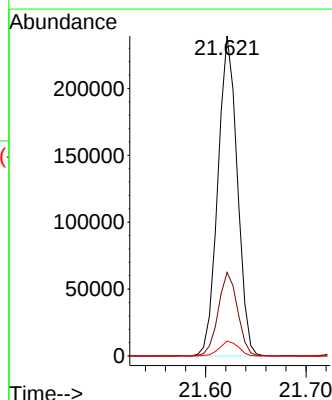
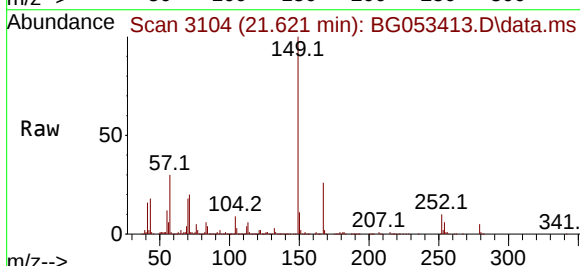
Tgt Ion:149 Resp: 321097

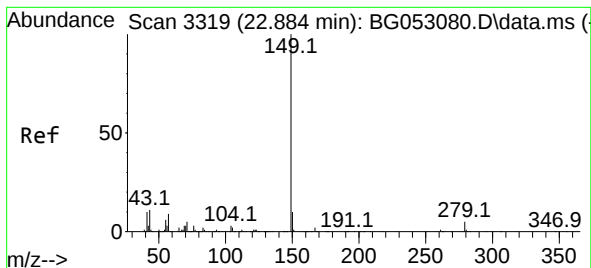
Ion Ratio Lower Upper

149 100

167 26.1 21.4 32.2

279 4.6 3.8 5.8





#85

Di-n-octyl phthalate

Concen: 40.161 ng

RT: 22.855 min Scan# 31

Delta R.T. 0.003 min

Lab File: BG053413.D

Acq: 3 May 2022 12:05

Instrument :

BNA\_G

ClientSampleId :

PB144515BS

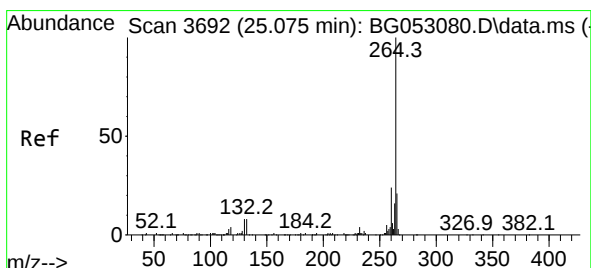
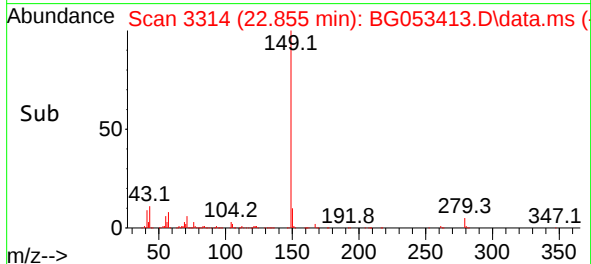
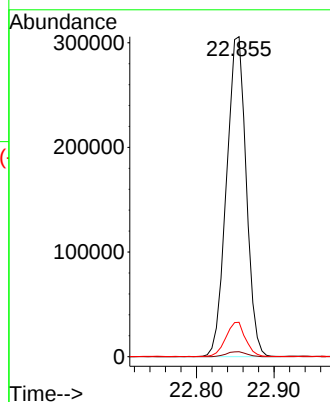
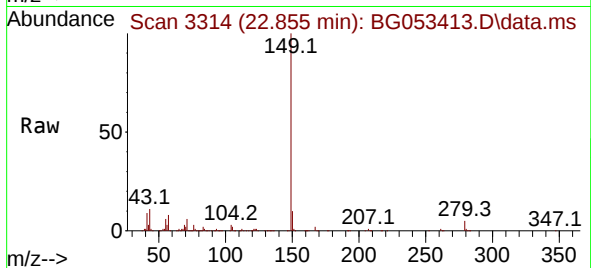
Tgt Ion:149 Resp: 541412

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.9 7.6 11.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.040 min Scan# 3686

Delta R.T. -0.003 min

Lab File: BG053413.D

Acq: 3 May 2022 12:05

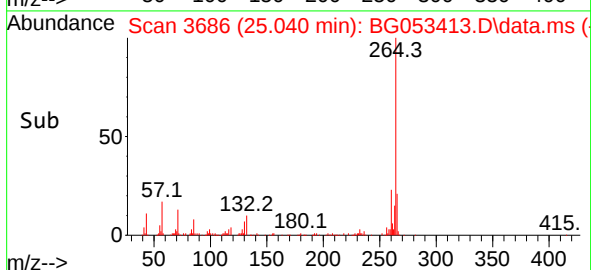
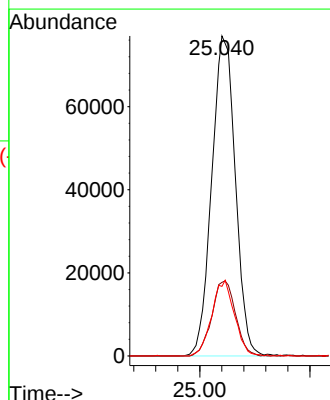
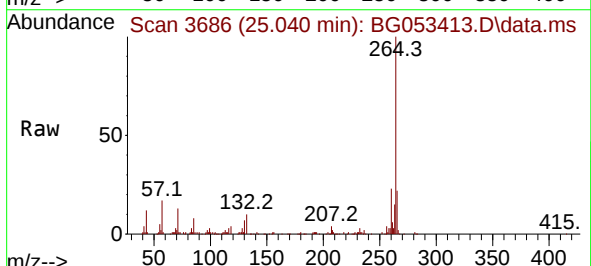
Tgt Ion:264 Resp: 229606

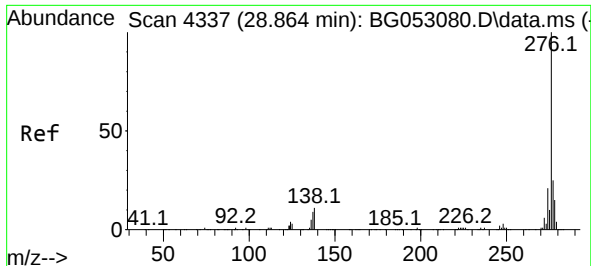
Ion Ratio Lower Upper

264 100

260 23.0 18.2 27.2

265 21.7 15.1 22.7

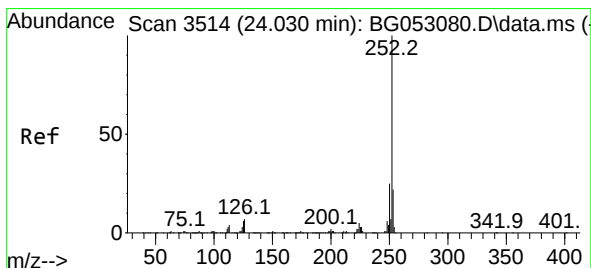
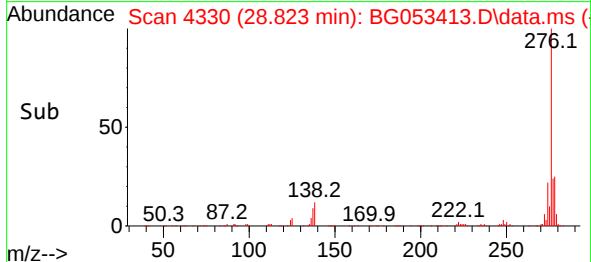
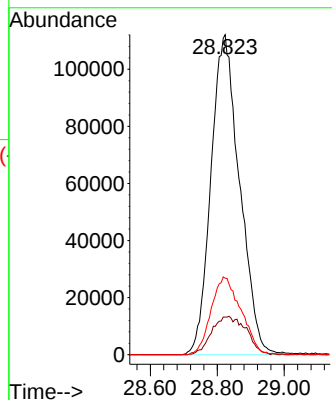
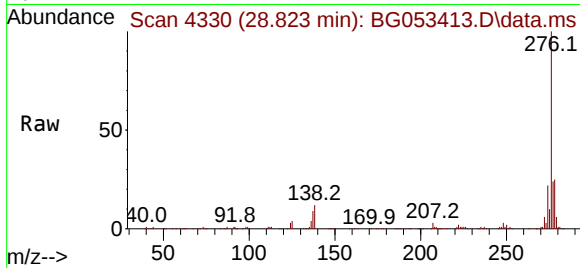




#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 39.038 ng  
 RT: 28.823 min Scan# 41  
 Delta R.T. 0.008 min  
 Lab File: BG053413.D  
 Acq: 3 May 2022 12:05

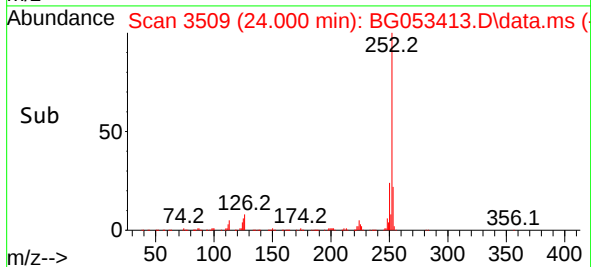
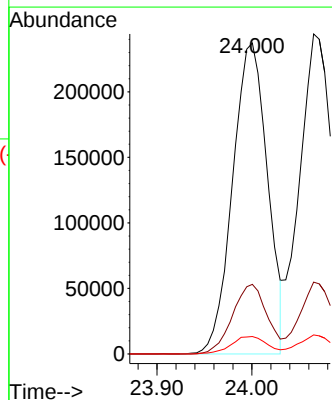
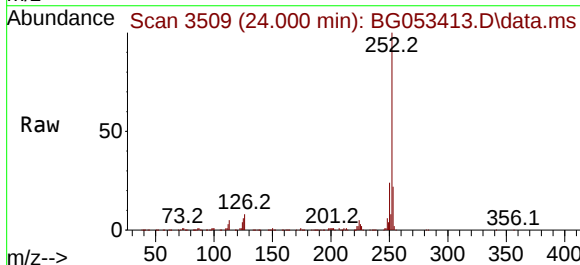
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB144515BS

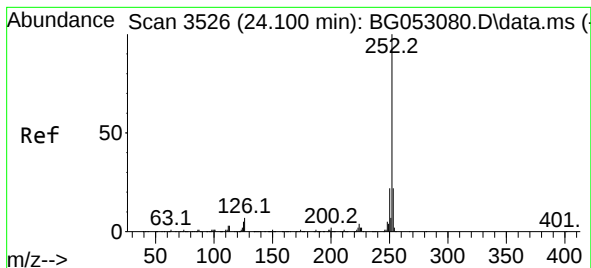
Tgt Ion:276 Resp: 665928  
 Ion Ratio Lower Upper  
 276 100  
 138 14.4 8.7 13.1#  
 277 25.5 20.2 30.4



#88  
 Benzo(b)fluoranthene  
 Concen: 41.854 ng  
 RT: 24.000 min Scan# 3509  
 Delta R.T. -0.003 min  
 Lab File: BG053413.D  
 Acq: 3 May 2022 12:05

Tgt Ion:252 Resp: 606333  
 Ion Ratio Lower Upper  
 252 100  
 253 22.4 17.2 25.8  
 125 5.6 5.2 7.8





#89

Benzo(k)fluoranthene

Concen: 40.209 ng

RT: 24.065 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG053413.D

Acq: 3 May 2022 12:05

Instrument :

BNA\_G

ClientSampleId :

PB144515BS

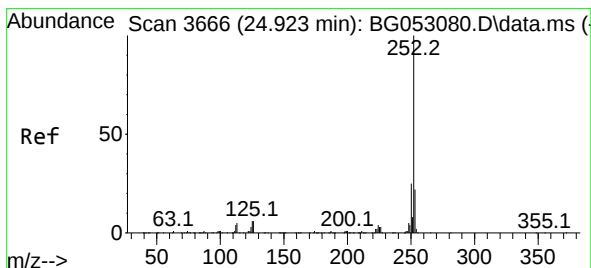
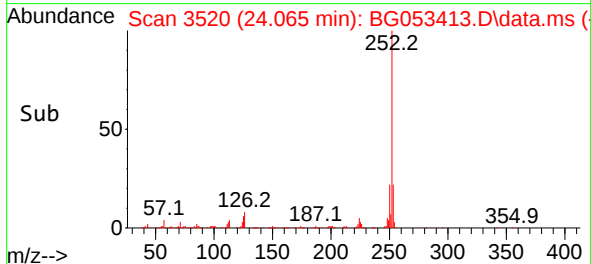
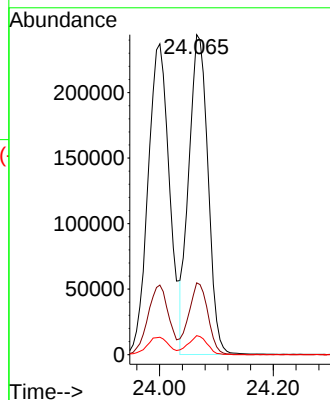
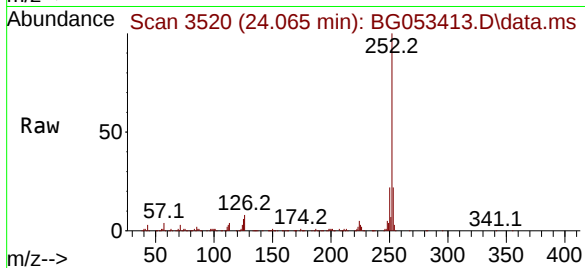
Tgt Ion:252 Resp: 572483

Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.0

125 6.0 5.0 7.4



#90

Benzo(a)pyrene

Concen: 48.221 ng

RT: 24.893 min Scan# 3661

Delta R.T. 0.003 min

Lab File: BG053413.D

Acq: 3 May 2022 12:05

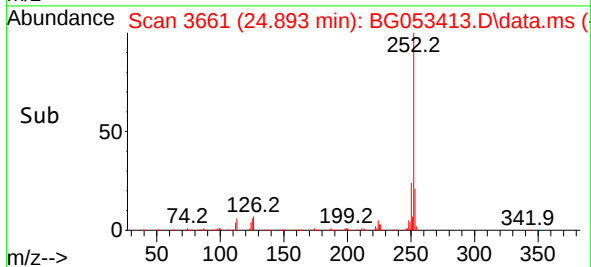
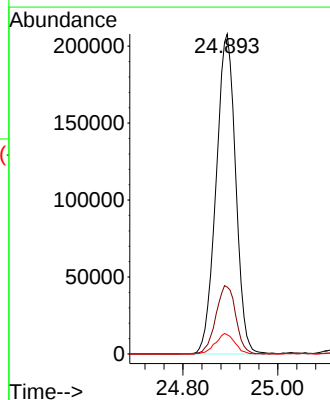
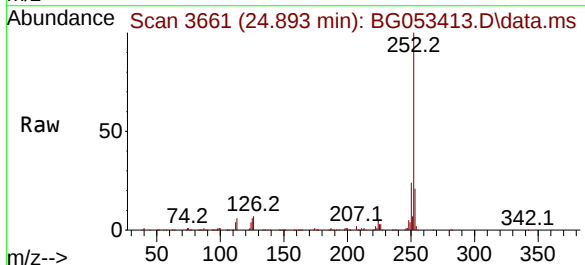
Tgt Ion:252 Resp: 595112

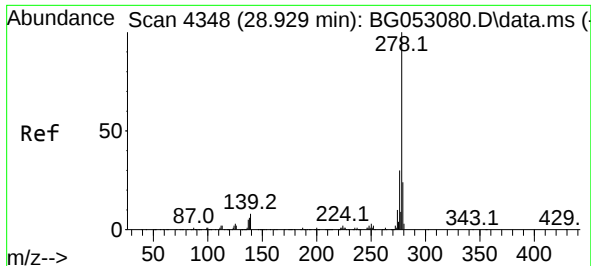
Ion Ratio Lower Upper

252 100

253 20.9 18.4 27.6

125 6.0 5.6 8.4

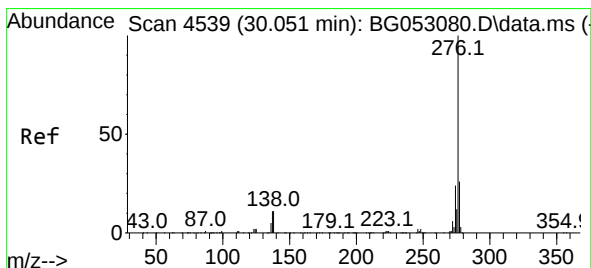
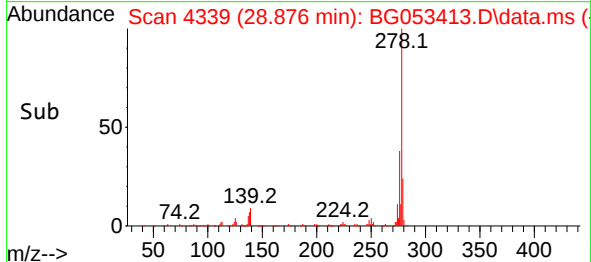
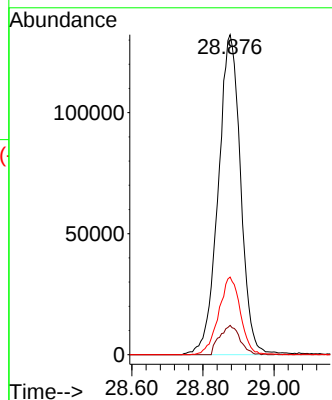
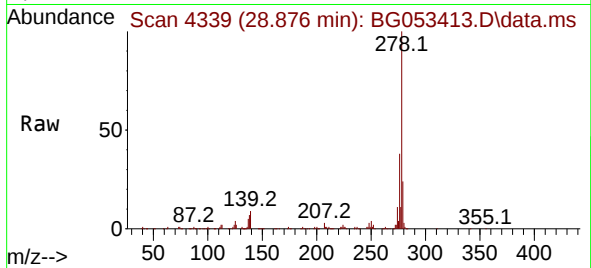




#91  
 Dibenzo(a,h)anthracene  
 Concen: 41.037 ng  
 RT: 28.876 min Scan# 41  
 Delta R.T. -0.009 min  
 Lab File: BG053413.D  
 Acq: 3 May 2022 12:05

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB144515BS

Tgt Ion:278 Resp: 576164  
 Ion Ratio Lower Upper  
 278 100  
 139 9.2 7.8 11.6  
 279 24.2 18.5 27.7



#92  
 Benzo(g,h,i)perylene  
 Concen: 41.395 ng  
 RT: 30.004 min Scan# 4531  
 Delta R.T. -0.003 min  
 Lab File: BG053413.D  
 Acq: 3 May 2022 12:05

Tgt Ion:276 Resp: 572840  
 Ion Ratio Lower Upper  
 276 100  
 277 24.8 18.2 27.2  
 138 12.1 9.1 13.7

