

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG072022\  
 Data File : BG054326.D  
 Acq On : 20 Jul 2022 13:44  
 Operator : CG/JU  
 Sample : PB146329BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB146329BS

Quant Time: Jul 21 01:24:27 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG071522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 15 15:54:11 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.997  | 152  | 19348    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.805 | 136  | 72189    | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.630 | 164  | 57019    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.374 | 188  | 153886   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.639 | 240  | 190922   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 24.842 | 264  | 208421   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.564  | 112  | 121769   | 131.404 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.162  | 99   | 156644   | 123.363 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.160  | 82   | 100122   | 75.529  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.122 | 330  | 145609   | 121.626 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.255 | 172  | 314240   | 77.745  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.982 | 244  | 780923   | 81.143  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.420  | 88   | 9795     | 26.569  | ng    | # 96     |
| 3) Pyridine                   | 3.825  | 79   | 29349    | 31.382  | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.737  | 42   | 22919    | 43.827  | ng    | # 77     |
| 6) Aniline                    | 7.315  | 93   | 57470    | 39.210  | ng    | 97       |
| 8) 2-Chlorophenol             | 7.562  | 128  | 47142    | 44.267  | ng    | 88       |
| 9) Benzaldehyde               | 7.127  | 77   | 23422    | 35.177  | ng    | # 73     |
| 10) Phenol                    | 7.192  | 94   | 55321    | 43.850  | ng    | 95       |
| 11) bis(2-Chloroethyl)ether   | 7.409  | 93   | 36192    | 39.345  | ng    | 93       |
| 12) 1,3-Dichlorobenzene       | 7.885  | 146  | 53368    | 41.130  | ng    | 91       |
| 13) 1,4-Dichlorobenzene       | 8.032  | 146  | 53910    | 40.233  | ng    | 95       |
| 14) 1,2-Dichlorobenzene       | 8.349  | 146  | 52775    | 41.766  | ng    | 98       |
| 15) Benzyl Alcohol            | 8.232  | 79   | 44759    | 42.858  | ng    | 96       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.519  | 45   | 47470    | 40.976  | ng    | 90       |
| 17) 2-Methylphenol            | 8.443  | 107  | 38362    | 42.188  | ng    | 97       |
| 18) Hexachloroethane          | 9.084  | 117  | 18842    | 42.468  | ng    | # 61     |
| 19) n-Nitroso-di-n-propyla... | 8.796  | 70   | 33222    | 39.180  | ng    | 94       |
| 20) 3+4-Methylphenols         | 8.772  | 107  | 52214    | 40.753  | ng    | 95       |
| 22) Acetophenone              | 8.813  | 105  | 70293    | 40.486  | ng    | # 97     |
| 24) Nitrobenzene              | 9.201  | 77   | 52156    | 40.259  | ng    | # 86     |
| 25) Isophorone                | 9.724  | 82   | 94591    | 41.029  | ng    | # 91     |
| 26) 2-Nitrophenol             | 9.912  | 139  | 27183    | 41.627  | ng    | 91       |
| 27) 2,4-Dimethylphenol        | 9.977  | 122  | 43794    | 48.547  | ng    | 91       |
| 28) bis(2-Chloroethoxy)met... | 10.206 | 93   | 50933    | 43.803  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 10.452 | 162  | 58396    | 42.887  | ng    | 90       |
| 30) 1,2,4-Trichlorobenzene    | 10.670 | 180  | 67868    | 40.245  | ng    | # 95     |
| 31) Naphthalene               | 10.852 | 128  | 139941   | 38.618  | ng    | 98       |
| 32) Benzoic acid              | 10.159 | 122  | 6407     | 22.704  | ng    | # 73     |
| 33) 4-Chloroaniline           | 10.958 | 127  | 50763    | 34.447  | ng    | # 93     |
| 34) Hexachlorobutadiene       | 11.140 | 225  | 59748    | 40.090  | ng    | 99       |
| 35) Caprolactam               | 11.727 | 113  | 8195     | 23.903  | ng    | # 59     |
| 36) 4-Chloro-3-methylphenol   | 12.086 | 107  | 51981    | 41.963  | ng    | # 85     |
| 37) 2-Methylnaphthalene       | 12.456 | 142  | 109431   | 39.324  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.456 | 142  | 109431   | 40.357  | ng    | 97       |
| 40) 1,2,4,5-Tetrachloroben... | 12.832 | 216  | 102609   | 41.075  | ng    | # 95     |
| 41) Hexachlorocyclopentadiene | 12.809 | 237  | 90806    | 108.536 | ng    | 95       |
| 43) 2,4,6-Trichlorophenol     | 13.067 | 196  | 55662    | 40.922  | ng    | 92       |

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 ALS Vial : 4 Sample Multiplier: 1

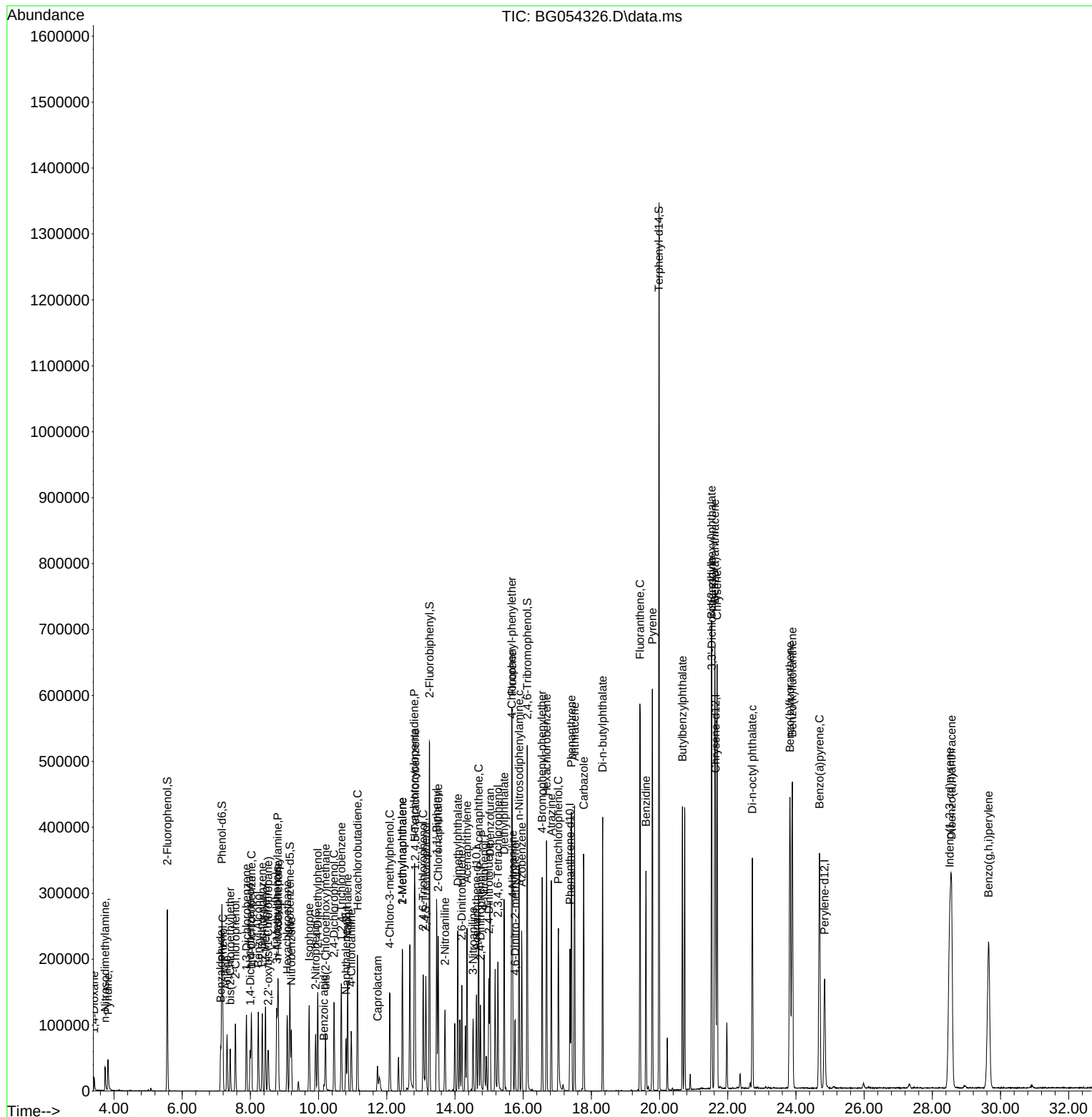
Instrument :  
 BNA\_G  
 ClientSampleId :  
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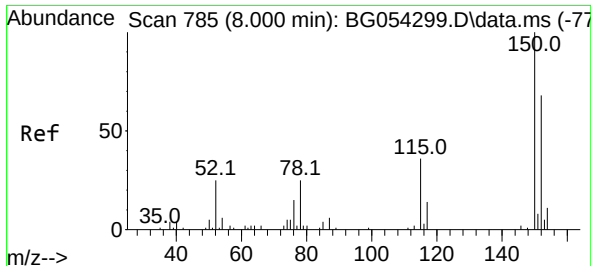
Quant Time: Jul 21 01:24:27 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG071522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 15 15:54:11 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.143 | 196  | 62905    | 40.931 | ng    | # 90     |
| 46) 1,1'-Biphenyl             | 13.461 | 154  | 162146   | 41.567 | ng    | 96       |
| 47) 2-Chloronaphthalene       | 13.508 | 162  | 132744   | 40.662 | ng    | 97       |
| 48) 2-Nitroaniline            | 13.707 | 65   | 35667    | 41.864 | ng    | # 86     |
| 49) Acenaphthylene            | 14.354 | 152  | 198587   | 40.939 | ng    | 100      |
| 50) Dimethylphthalate         | 14.084 | 163  | 182097   | 40.886 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.201 | 165  | 41094    | 42.067 | ng    | # 80     |
| 52) Acenaphthene              | 14.695 | 154  | 118982   | 40.506 | ng    | 98       |
| 53) 3-Nitroaniline            | 14.530 | 138  | 27476    | 33.630 | ng    | 87       |
| 54) 2,4-Dinitrophenol         | 14.747 | 184  | 39690    | 70.824 | ng    | # 79     |
| 55) Dibenzofuran              | 15.029 | 168  | 211690   | 40.503 | ng    | 96       |
| 56) 4-Nitrophenol             | 14.853 | 139  | 48485    | 88.949 | ng    | 96       |
| 57) 2,4-Dinitrotoluene        | 14.994 | 165  | 59976    | 42.827 | ng    | # 84     |
| 58) Fluorene                  | 15.676 | 166  | 175370   | 40.811 | ng    | 92       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.259 | 232  | 61193    | 40.897 | ng    | # 86     |
| 60) Diethylphthalate          | 15.441 | 149  | 175546   | 41.087 | ng    | 95       |
| 61) 4-Chlorophenyl-phenyle... | 15.664 | 204  | 119494   | 42.363 | ng    | # 89     |
| 62) 4-Nitroaniline            | 15.693 | 138  | 34285    | 39.943 | ng    | 90       |
| 63) Azobenzene                | 15.958 | 77   | 124275   | 40.256 | ng    | 83       |
| 65) 4,6-Dinitro-2-methylph... | 15.764 | 198  | 35085    | 36.904 | ng    | 78       |
| 66) n-Nitrosodiphenylamine    | 15.881 | 169  | 158105   | 41.151 | ng    | 97       |
| 67) 4-Bromophenyl-phenylether | 16.557 | 248  | 90812    | 42.018 | ng    | # 92     |
| 68) Hexachlorobenzene         | 16.686 | 284  | 103681   | 41.950 | ng    | # 91     |
| 69) Atrazine                  | 16.827 | 200  | 83576    | 48.884 | ng    | 94       |
| 70) Pentachlorophenol         | 17.033 | 266  | 71660    | 67.468 | ng    | 95       |
| 71) Phenanthrene              | 17.415 | 178  | 311871   | 40.696 | ng    | 98       |
| 72) Anthracene                | 17.509 | 178  | 316815   | 42.128 | ng    | 98       |
| 73) Carbazole                 | 17.773 | 167  | 265522   | 42.886 | ng    | 98       |
| 74) Di-n-butylphthalate       | 18.331 | 149  | 303621   | 41.556 | ng    | 98       |
| 75) Fluoranthene              | 19.424 | 202  | 434057   | 41.550 | ng    | 95       |
| 77) Benzidine                 | 19.601 | 184  | 218676   | 63.242 | ng    | 97       |
| 78) Pyrene                    | 19.789 | 202  | 434462   | 39.659 | ng    | 98       |
| 80) Butylbenzylphthalate      | 20.670 | 149  | 135632   | 39.729 | ng    | # 85     |
| 81) Benzo(a)anthracene        | 21.622 | 228  | 489682   | 40.404 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 21.534 | 252  | 150267   | 39.867 | ng    | # 95     |
| 83) Chrysene                  | 21.686 | 228  | 456525   | 39.870 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 21.522 | 149  | 196215   | 40.618 | ng    | # 91     |
| 85) Di-n-octyl phthalate      | 22.720 | 149  | 342252   | 41.530 | ng    | # 92     |
| 87) Indeno(1,2,3-cd)pyrene    | 28.508 | 276  | 630242   | 39.749 | ng    | # 98     |
| 88) Benzo(b)fluoranthene      | 23.825 | 252  | 548478   | 44.498 | ng    | # 98     |
| 89) Benzo(k)fluoranthene      | 23.896 | 252  | 509923   | 41.569 | ng    | # 98     |
| 90) Benzo(a)pyrene            | 24.689 | 252  | 477168   | 45.331 | ng    | # 98     |
| 91) Dibenzo(a,h)anthracene    | 28.567 | 278  | 547856   | 42.021 | ng    | # 95     |
| 92) Benzo(g,h,i)perylene      | 29.648 | 276  | 536789   | 41.715 | ng    | # 92     |

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

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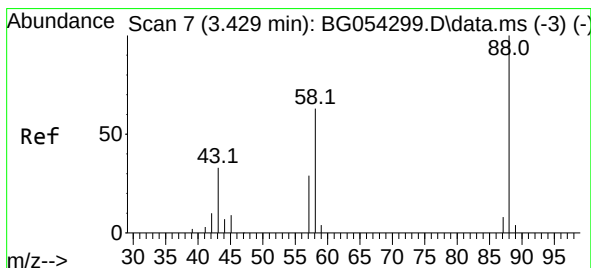
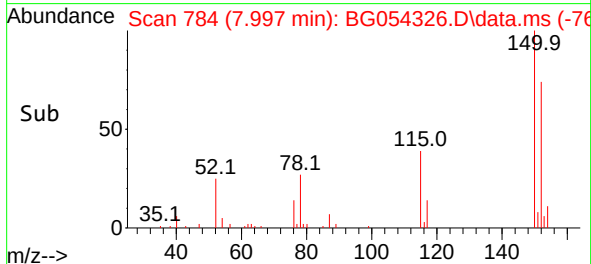
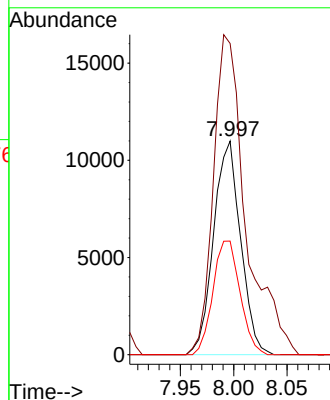
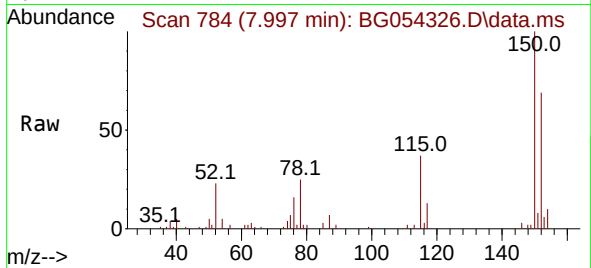




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.997 min Scan# 7  
 Delta R.T. -0.003 min  
 Lab File: BG054326.D  
 Acq: 20 Jul 2022 13:44

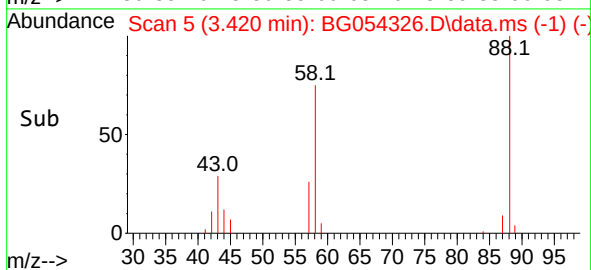
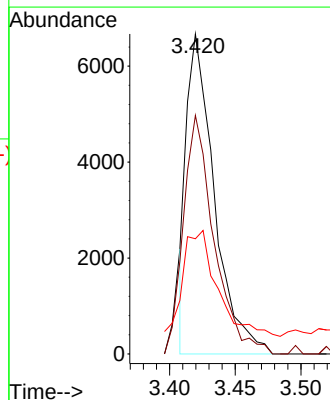
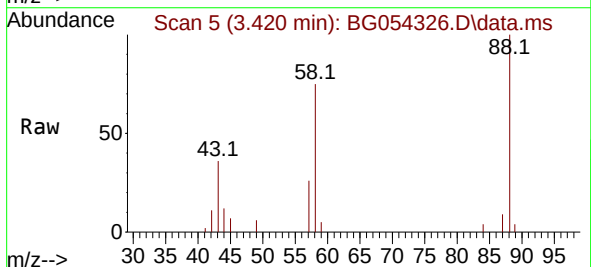
Instrument :  
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 PB146329BS

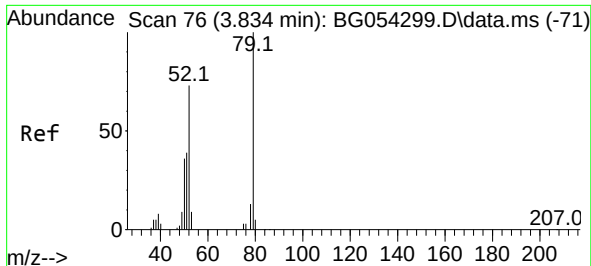
Tgt Ion:152 Resp: 19348  
 Ion Ratio Lower Upper  
 152 100  
 150 145.7 131.6 197.4  
 115 53.2 50.9 76.3



#2  
 1,4-Dioxane  
 Concen: 26.569 ng  
 RT: 3.420 min Scan# 5  
 Delta R.T. -0.009 min  
 Lab File: BG054326.D  
 Acq: 20 Jul 2022 13:44

Tgt Ion: 88 Resp: 9795  
 Ion Ratio Lower Upper  
 88 100  
 58 73.8 59.2 88.8  
 43 37.0 24.3 36.5#

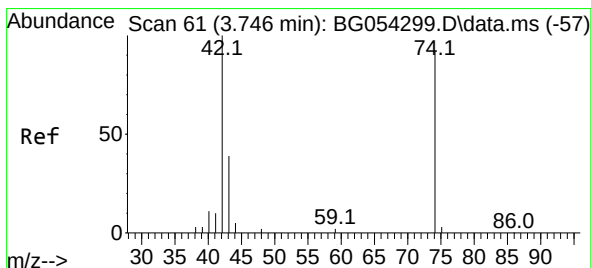
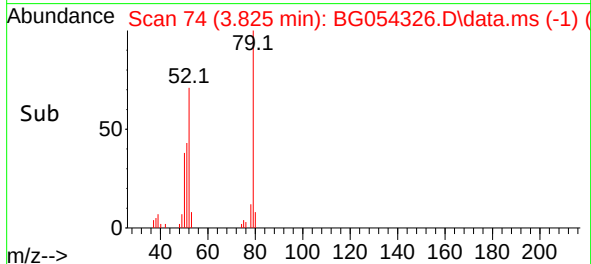
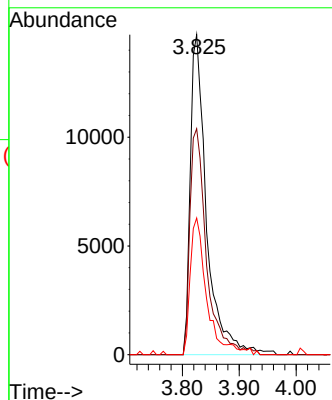
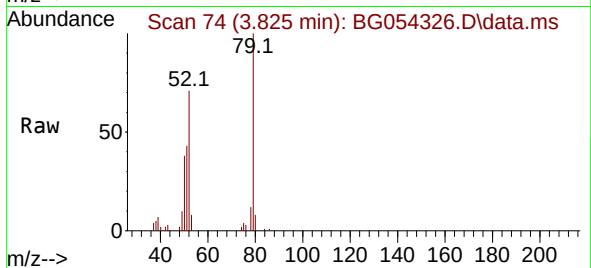




#3  
Pyridine  
Concen: 31.382 ng  
RT: 3.825 min Scan# 74  
Delta R.T. -0.009 min  
Lab File: BG054326.D  
Acq: 20 Jul 2022 13:44

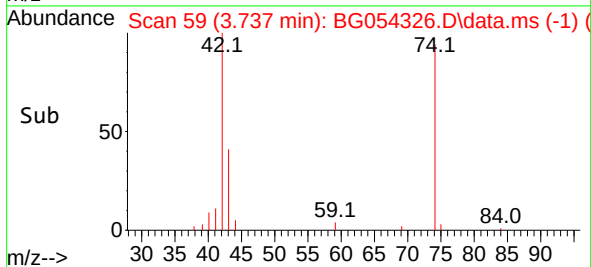
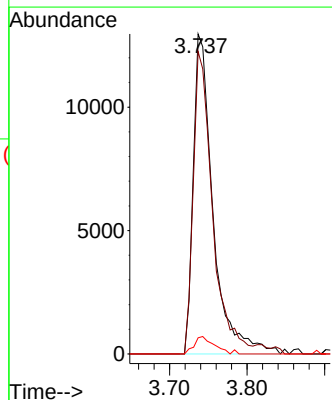
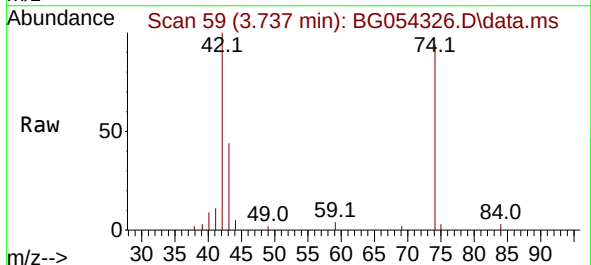
Instrument :  
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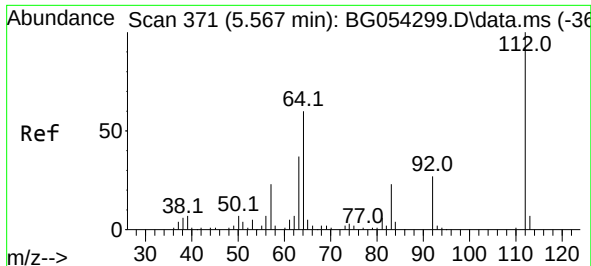
Tgt Ion: 79 Resp: 29349  
Ion Ratio Lower Upper  
79 100  
52 70.6 54.6 81.8  
51 42.7 32.5 48.7



#4  
n-Nitrosodimethylamine  
Concen: 43.827 ng  
RT: 3.737 min Scan# 59  
Delta R.T. -0.009 min  
Lab File: BG054326.D  
Acq: 20 Jul 2022 13:44

Tgt Ion: 42 Resp: 22919  
Ion Ratio Lower Upper  
42 100  
74 94.5 97.0 145.4#  
44 5.1 7.0 10.4#

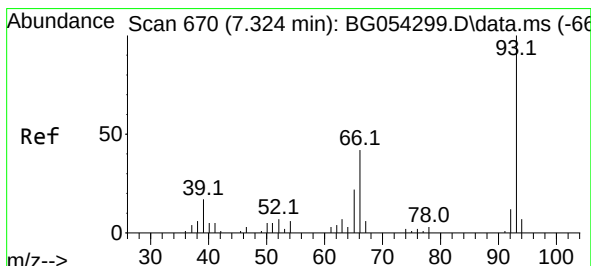
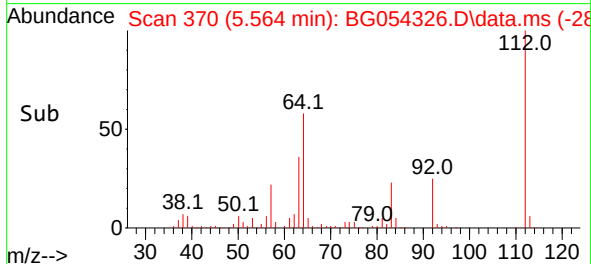
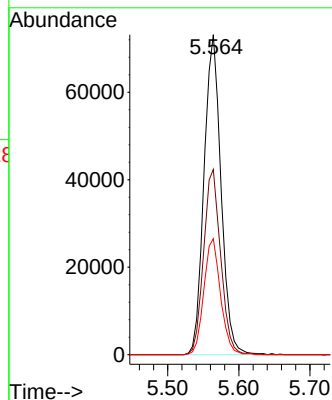
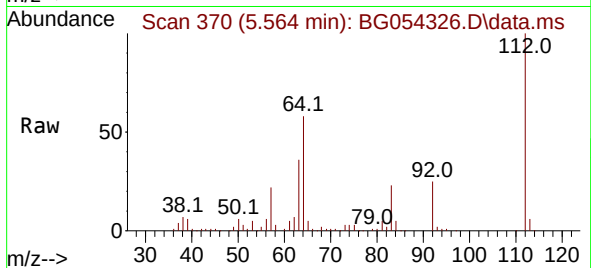




#5  
2-Fluorophenol  
Concen: 131.404 ng  
RT: 5.564 min Scan# 31  
Delta R.T. -0.003 min  
Lab File: BG054326.D  
Acq: 20 Jul 2022 13:44

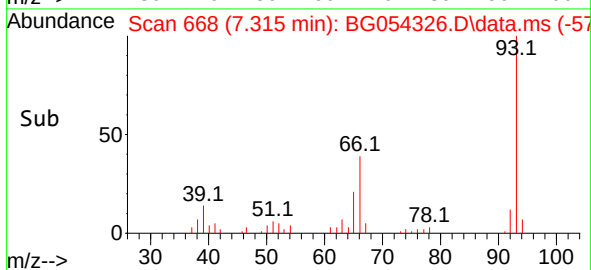
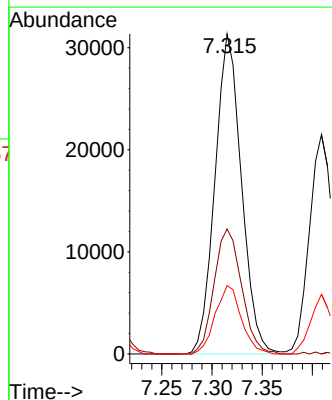
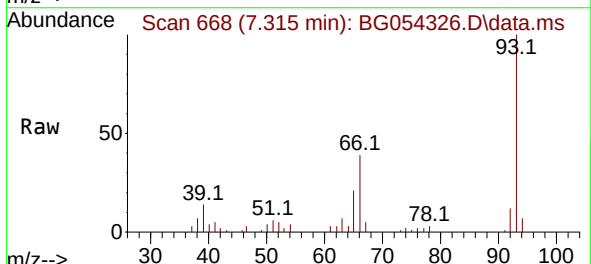
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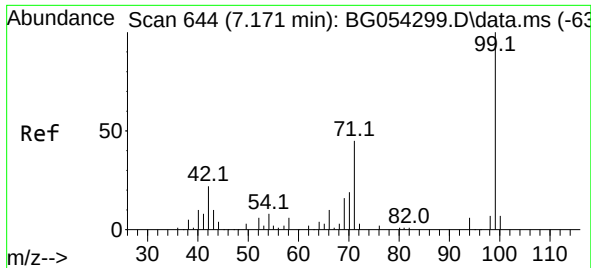
Tgt Ion:112 Resp: 121769  
Ion Ratio Lower Upper  
112 100  
64 57.9 55.1 82.7  
63 36.2 30.4 45.6



#6  
Aniline  
Concen: 39.210 ng  
RT: 7.315 min Scan# 668  
Delta R.T. -0.009 min  
Lab File: BG054326.D  
Acq: 20 Jul 2022 13:44

Tgt Ion: 93 Resp: 57470  
Ion Ratio Lower Upper  
93 100  
66 39.0 32.9 49.3  
65 21.3 17.8 26.8

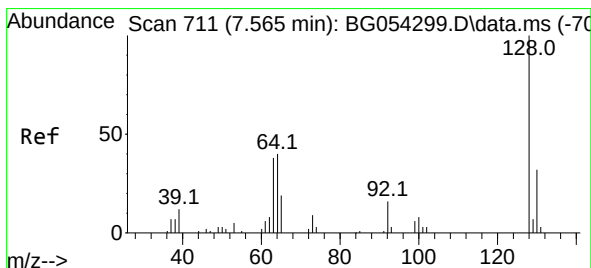
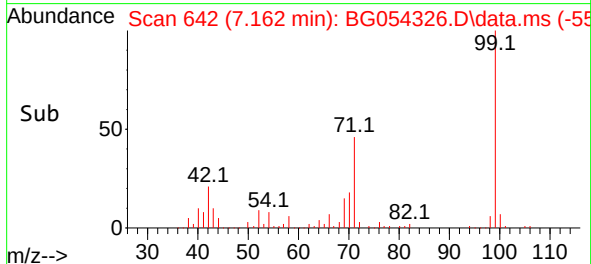
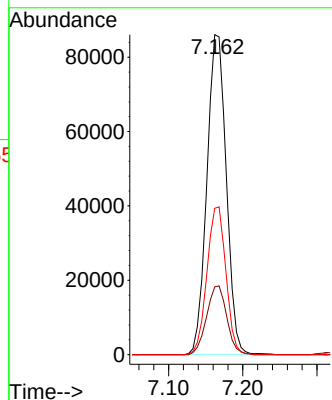
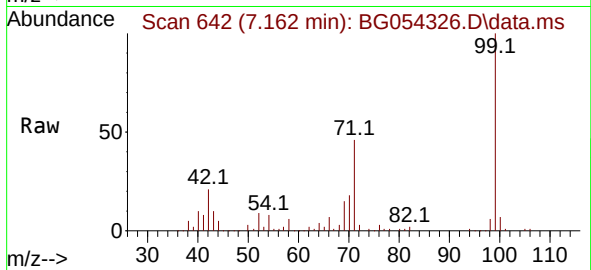




#7  
Phenol-d6  
Concen: 123.363 ng  
RT: 7.162 min Scan# 64  
Delta R.T. -0.009 min  
Lab File: BG054326.D  
Acq: 20 Jul 2022 13:44

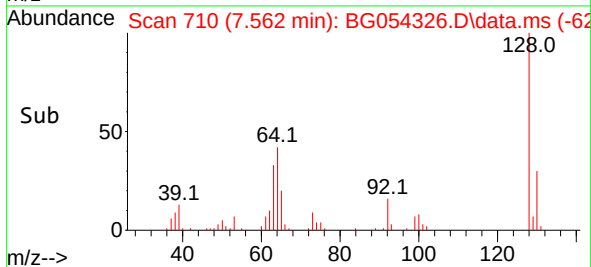
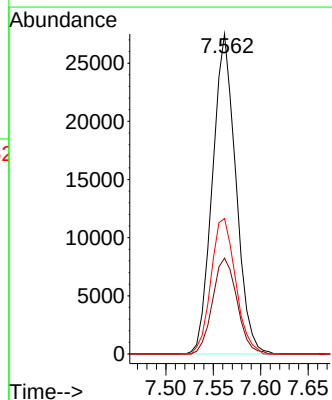
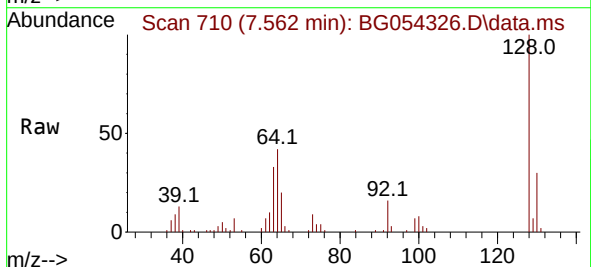
Instrument :  
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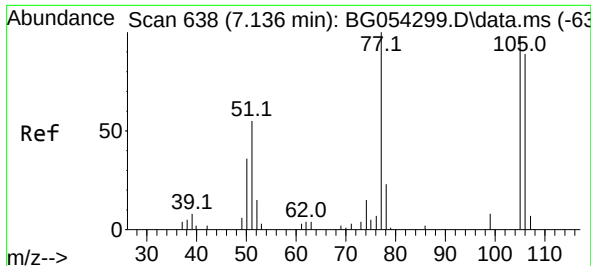
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Ion Ratio Lower Upper  
99 100  
42 21.2 17.0 25.6  
71 45.8 33.8 50.8



#8  
2-Chlorophenol  
Concen: 44.267 ng  
RT: 7.562 min Scan# 710  
Delta R.T. -0.003 min  
Lab File: BG054326.D  
Acq: 20 Jul 2022 13:44

Tgt Ion:128 Resp: 47142  
Ion Ratio Lower Upper  
128 100  
130 30.0 10.5 50.5  
64 42.4 35.1 75.1

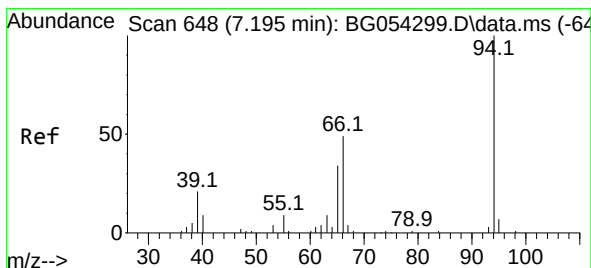
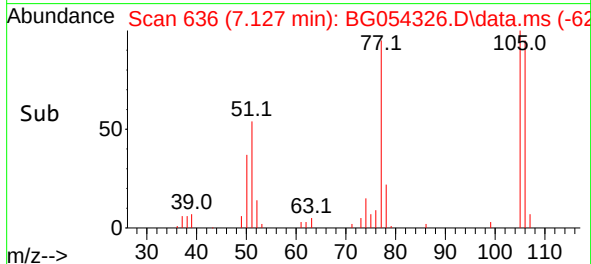
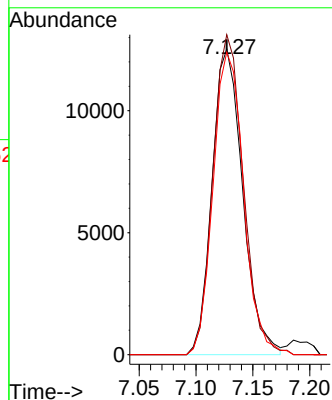
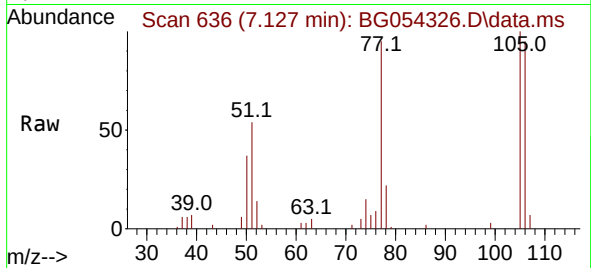




#9  
Benzaldehyde  
Concen: 35.177 ng  
RT: 7.127 min Scan# 61  
Delta R.T. -0.009 min  
Lab File: BG054326.D  
Acq: 20 Jul 2022 13:44

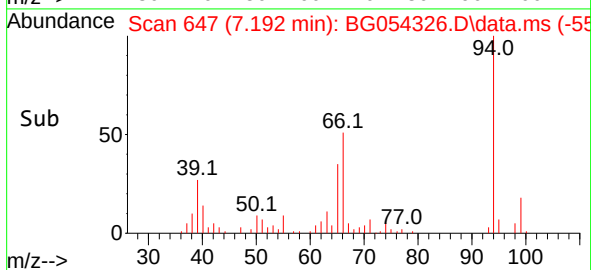
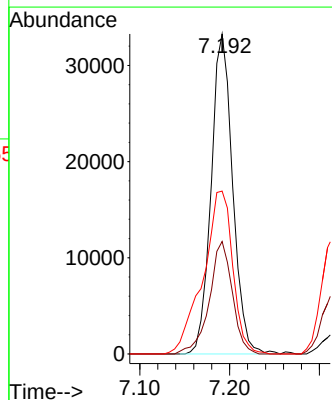
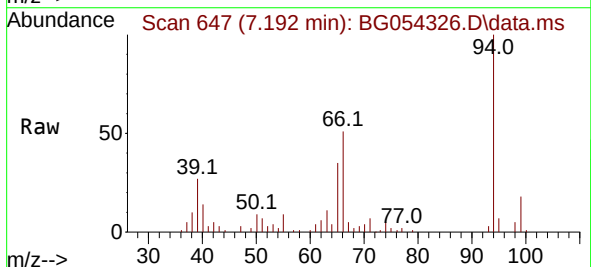
Instrument :  
BNA\_G  
ClientSampleId :  
PB146329BS

Tgt Ion: 77 Resp: 23422  
Ion Ratio Lower Upper  
77 100  
105 104.7 59.6 99.6#  
106 99.0 56.8 96.8#

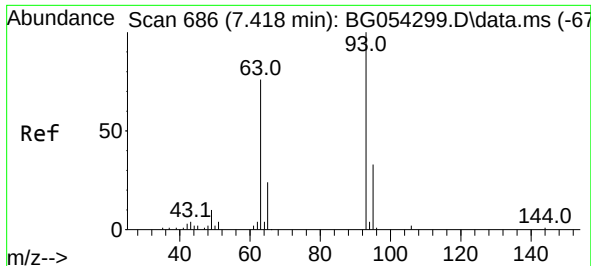


#10  
Phenol  
Concen: 43.850 ng  
RT: 7.192 min Scan# 647  
Delta R.T. -0.003 min  
Lab File: BG054326.D  
Acq: 20 Jul 2022 13:44

Tgt Ion: 94 Resp: 55321  
Ion Ratio Lower Upper  
94 100  
65 35.1 14.8 54.8  
66 50.9 25.2 65.2



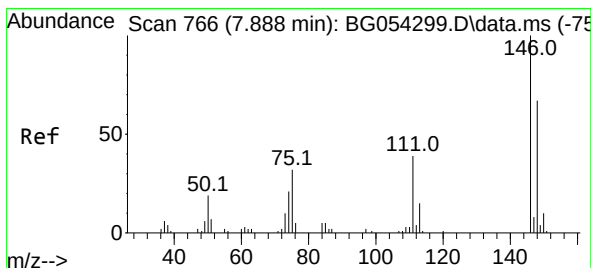
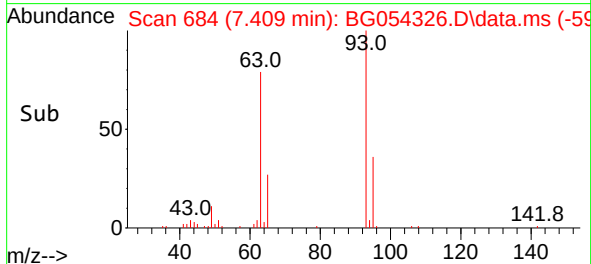
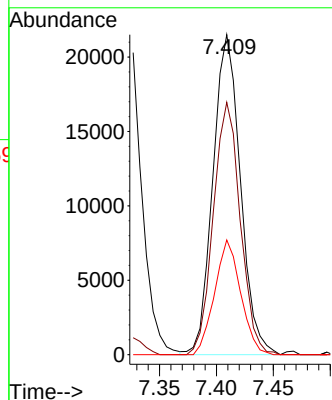
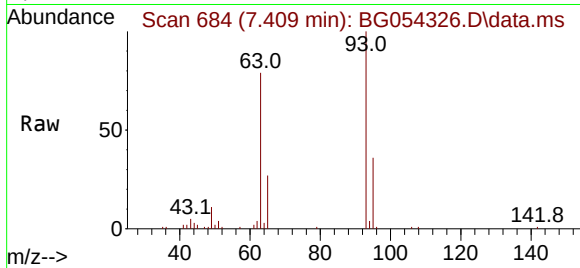




#11  
bis(2-Chloroethyl)ether  
Concen: 39.345 ng  
RT: 7.409 min Scan# 61  
Delta R.T. -0.009 min  
Lab File: BG054326.D  
Acq: 20 Jul 2022 13:44

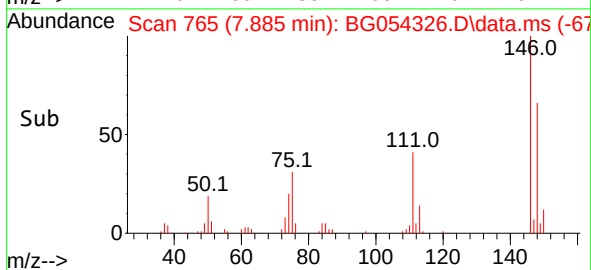
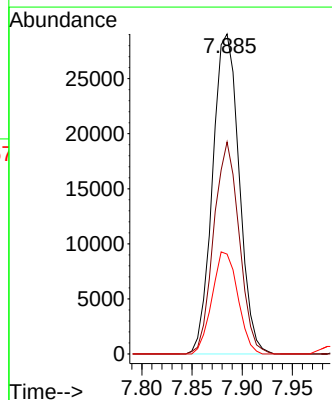
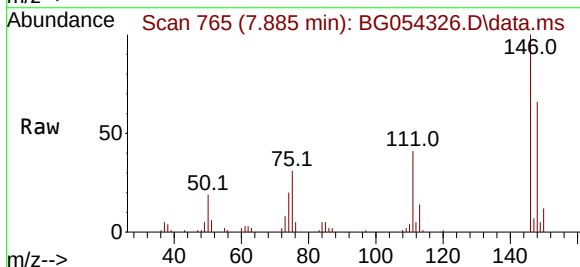
Instrument :  
BNA\_G  
ClientSampleId :  
PB146329BS

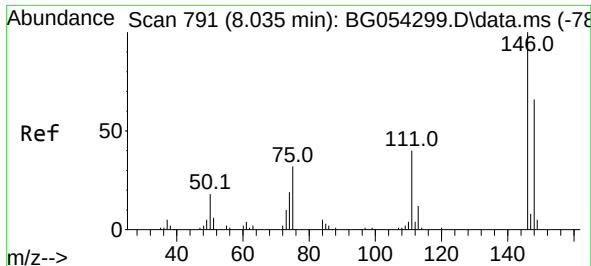
Tgt Ion: 93 Resp: 36192  
Ion Ratio Lower Upper  
93 100  
63 78.9 63.6 103.6  
95 35.9 10.1 50.1



#12  
1,3-Dichlorobenzene  
Concen: 41.130 ng  
RT: 7.885 min Scan# 765  
Delta R.T. -0.003 min  
Lab File: BG054326.D  
Acq: 20 Jul 2022 13:44

Tgt Ion:146 Resp: 53368  
Ion Ratio Lower Upper  
146 100  
148 66.2 46.1 69.1  
75 31.2 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 40.233 ng

RT: 8.032 min Scan# 791

Delta R.T. -0.003 min

Lab File: BG054326.D

Acq: 20 Jul 2022 13:44

Instrument :

BNA\_G

ClientSampleId :

PB146329BS

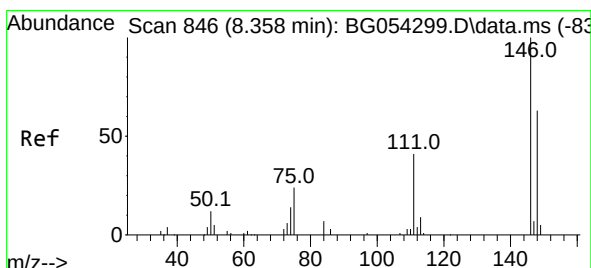
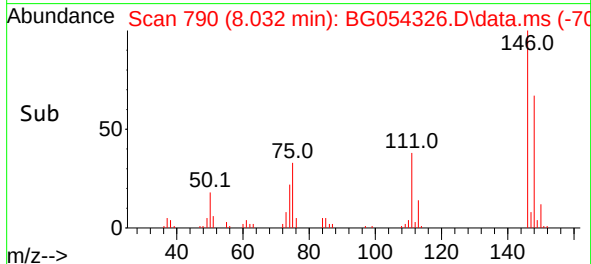
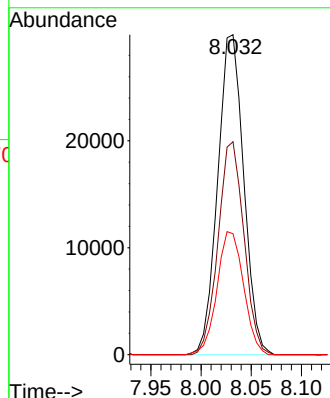
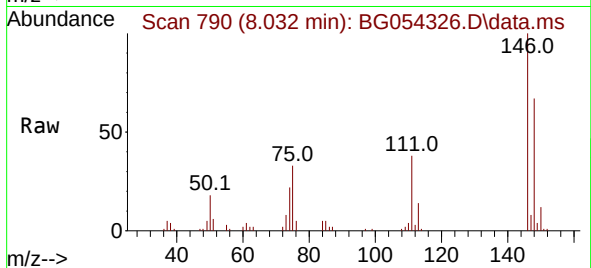
Tgt Ion:146 Resp: 53910

Ion Ratio Lower Upper

146 100

148 66.5 51.5 77.3

111 37.8 33.9 50.9



#14

1,2-Dichlorobenzene

Concen: 41.766 ng

RT: 8.349 min Scan# 844

Delta R.T. -0.009 min

Lab File: BG054326.D

Acq: 20 Jul 2022 13:44

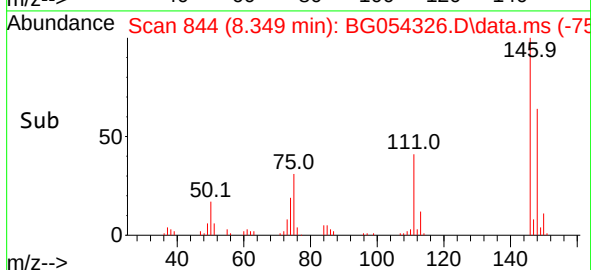
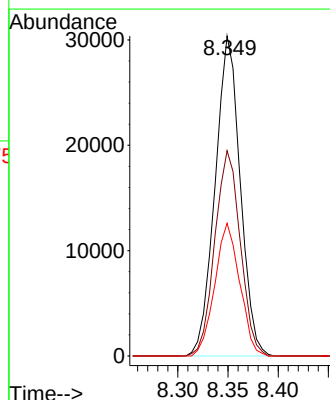
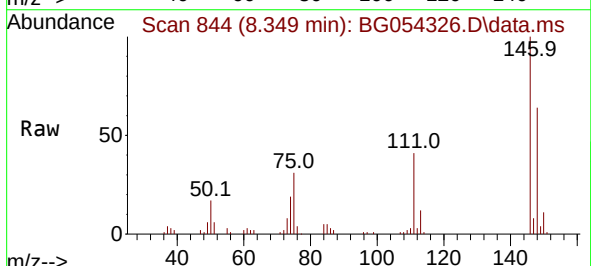
Tgt Ion:146 Resp: 52775

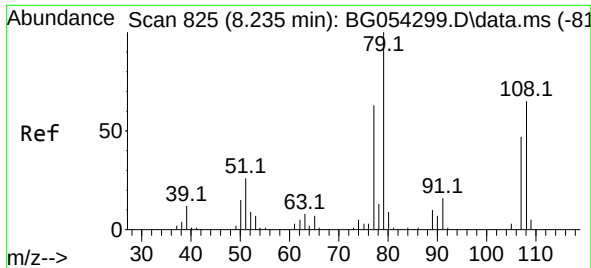
Ion Ratio Lower Upper

146 100

148 64.1 52.6 78.8

111 41.5 34.5 51.7

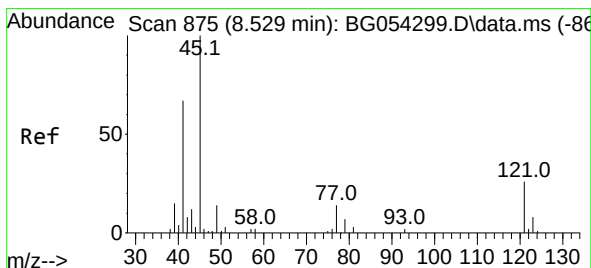
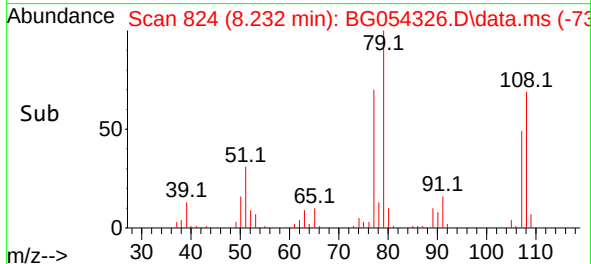
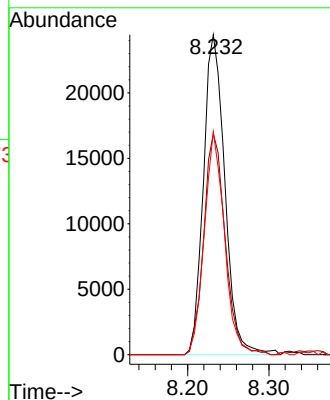
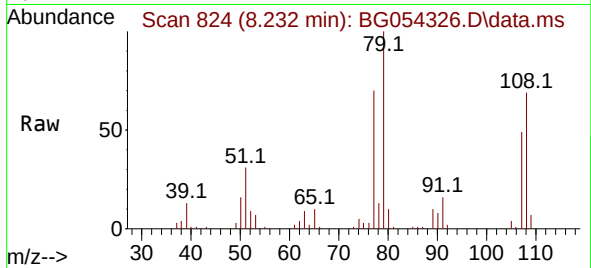




#15  
Benzyl Alcohol  
Concen: 42.858 ng  
RT: 8.232 min Scan# 81  
Delta R.T. -0.003 min  
Lab File: BG054326.D  
Acq: 20 Jul 2022 13:44

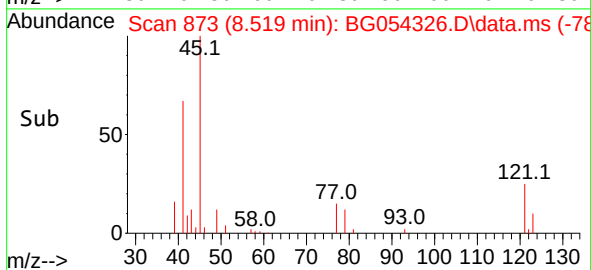
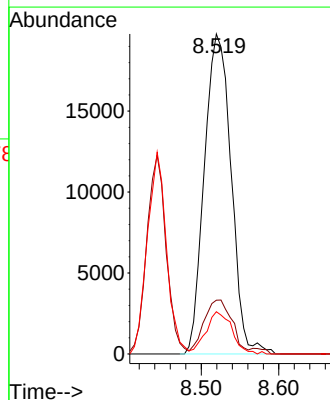
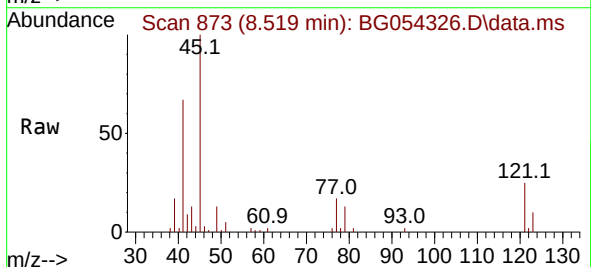
Instrument :  
BNA\_G  
ClientSampleId :  
PB146329BS

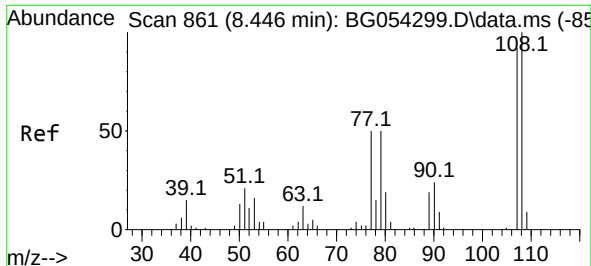
Tgt Ion: 79 Resp: 44759  
Ion Ratio Lower Upper  
79 100  
108 69.1 53.7 80.5  
77 69.7 52.2 78.4



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 40.976 ng  
RT: 8.519 min Scan# 873  
Delta R.T. -0.009 min  
Lab File: BG054326.D  
Acq: 20 Jul 2022 13:44

Tgt Ion: 45 Resp: 47470  
Ion Ratio Lower Upper  
45 100  
77 16.8 0.0 32.7  
79 13.2 0.0 29.7





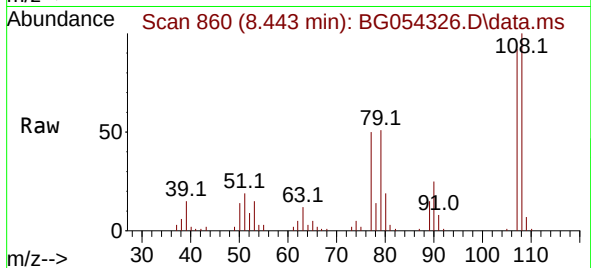
#17  
2-Methylphenol  
Concen: 42.188 ng  
RT: 8.443 min Scan# 80  
Delta R.T. -0.003 min  
Lab File: BG054326.D  
Acq: 20 Jul 2022 13:44

Instrument :

BNA\_G

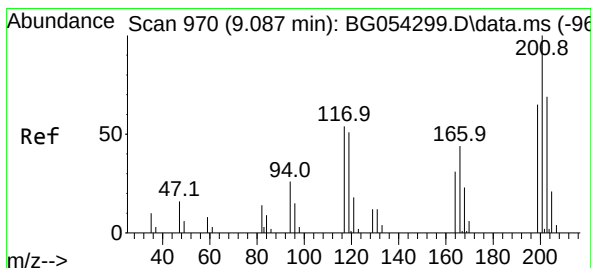
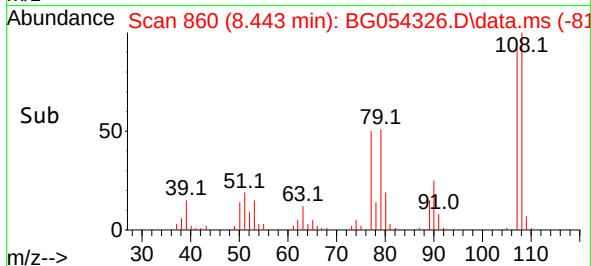
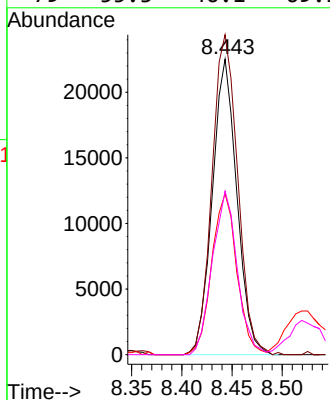
ClientSampleId :

PB146329BS



Tgt Ion:107 Resp: 38362

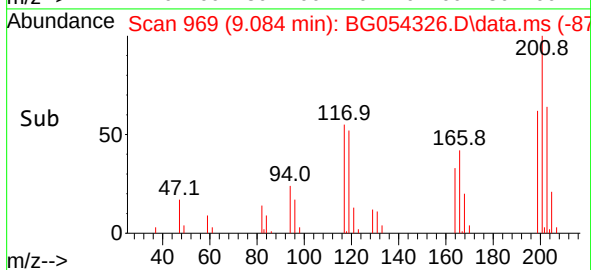
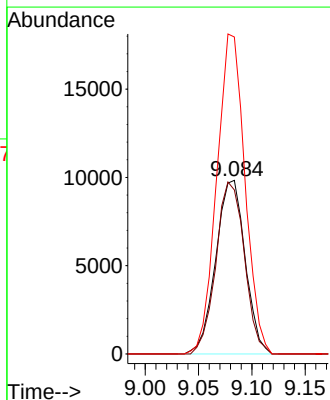
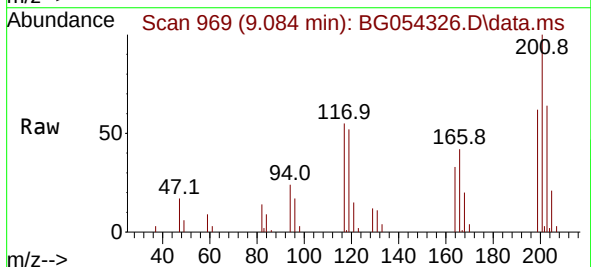
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 108.3 | 85.4  | 128.0 |
| 77  | 54.5  | 46.2  | 69.2  |
| 79  | 55.3  | 46.1  | 69.1  |

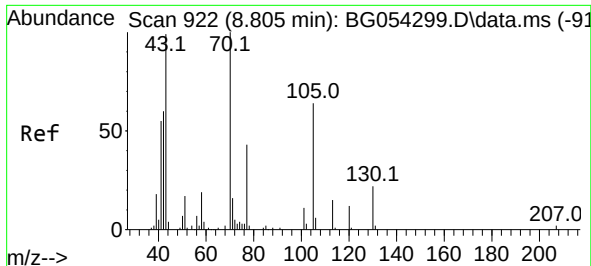


#18  
Hexachloroethane  
Concen: 42.468 ng  
RT: 9.084 min Scan# 969  
Delta R.T. -0.003 min  
Lab File: BG054326.D  
Acq: 20 Jul 2022 13:44

Tgt Ion:117 Resp: 18842

| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 117 | 100   |       |        |
| 119 | 94.5  | 75.0  | 112.6  |
| 201 | 188.0 | 89.0  | 133.6# |

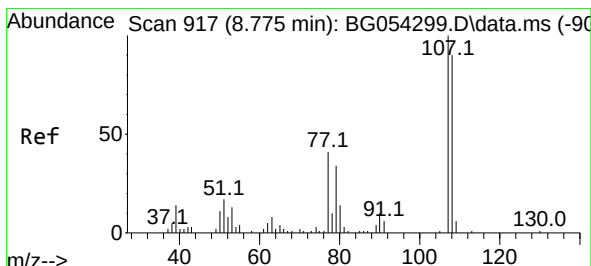
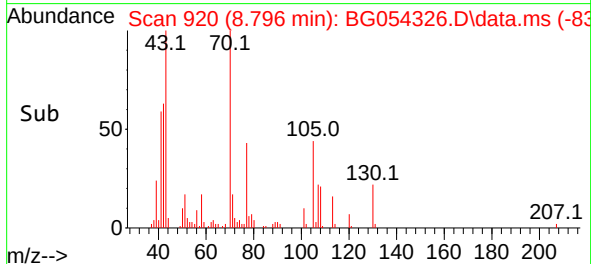
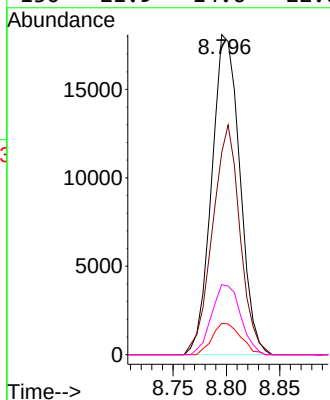
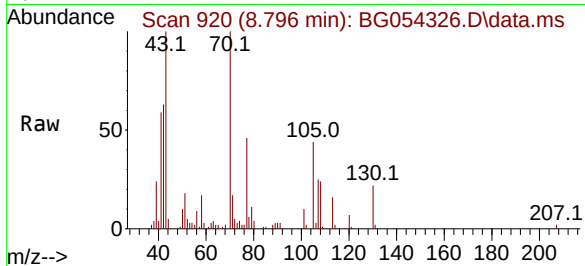




#19  
n-Nitroso-di-n-propylamine  
Concen: 39.180 ng  
RT: 8.796 min Scan# 916  
Delta R.T. -0.009 min  
Lab File: BG054326.D  
Acq: 20 Jul 2022 13:44

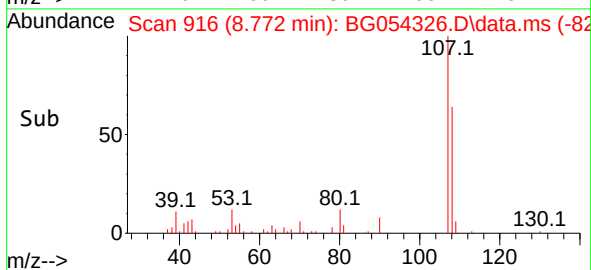
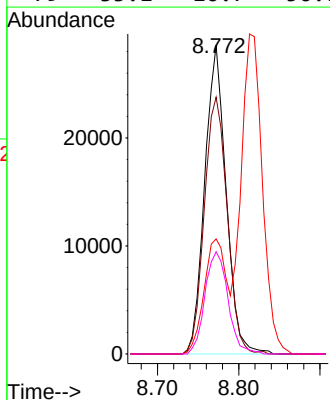
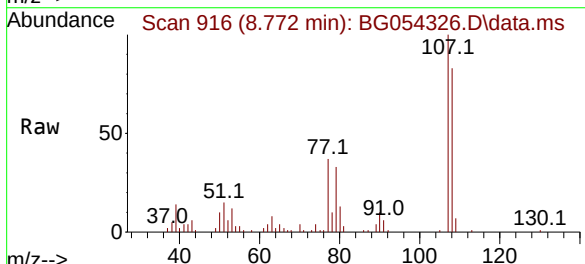
Instrument :  
BNA\_G  
ClientSampleId :  
PB146329BS

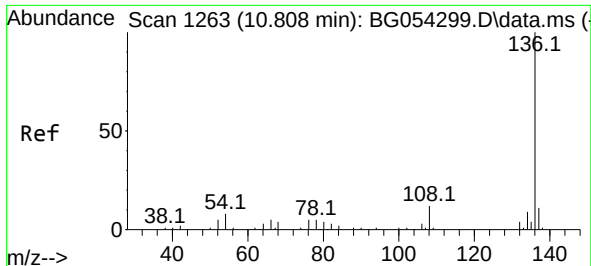
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 33222 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 63.2  | 47.3  | 70.9  |
| 101      | 9.8   | 7.0   | 10.4  |
| 130      | 21.9  | 14.6  | 22.0  |



#20  
3+4-Methylphenols  
Concen: 40.753 ng  
RT: 8.772 min Scan# 916  
Delta R.T. -0.003 min  
Lab File: BG054326.D  
Acq: 20 Jul 2022 13:44

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 52214 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 83.2  | 67.5  | 107.5 |
| 77       | 37.3  | 20.3  | 60.3  |
| 79       | 33.1  | 16.7  | 56.7  |

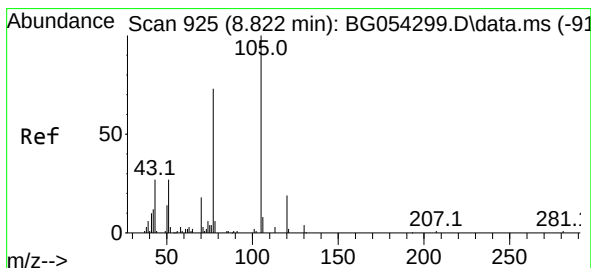
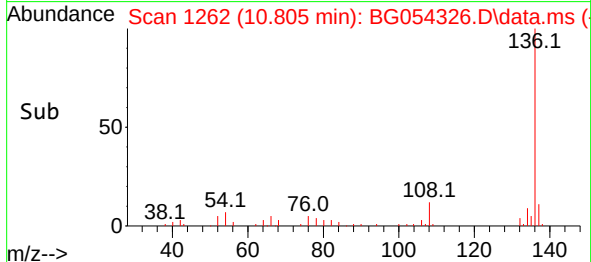
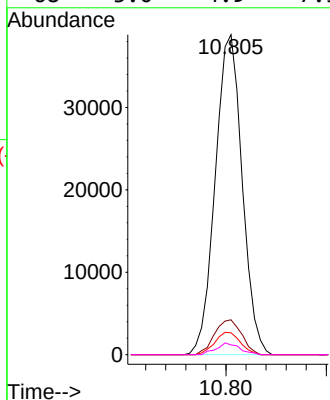
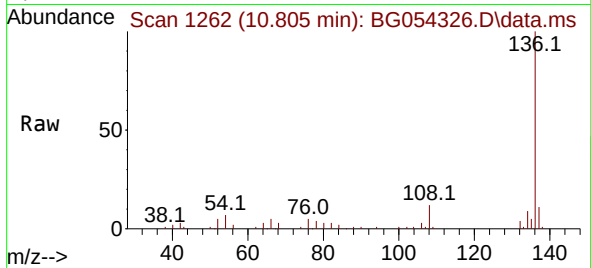




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.805 min Scan# 11  
Delta R.T. -0.003 min  
Lab File: BG054326.D  
Acq: 20 Jul 2022 13:44

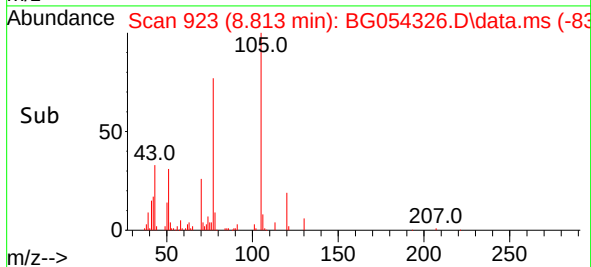
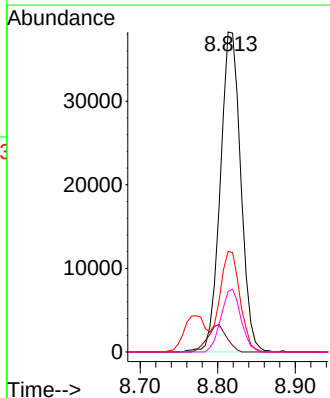
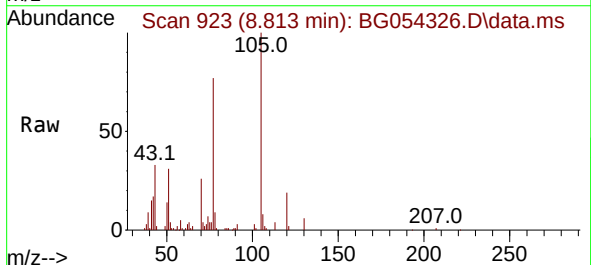
Instrument :  
BNA\_G  
ClientSampleId :  
PB146329BS

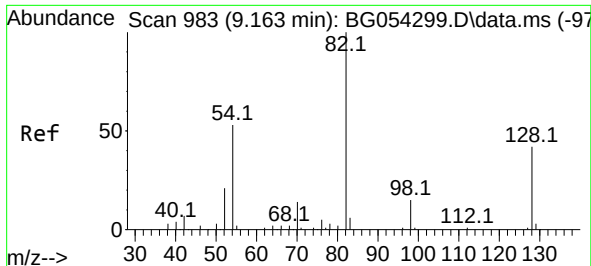
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 72189 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 10.9  | 8.5   | 12.7  |
| 54        | 6.9   | 7.4   | 11.2# |
| 68        | 3.0   | 4.9   | 7.3#  |



#22  
Acetophenone  
Concen: 40.486 ng  
RT: 8.813 min Scan# 923  
Delta R.T. -0.009 min  
Lab File: BG054326.D  
Acq: 20 Jul 2022 13:44

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 105   | Resp: | 70293 |
| Ion Ratio | Lower | Upper |       |
| 105       | 100   |       |       |
| 71        | 3.9   | 1.1   | 1.7#  |
| 51        | 31.5  | 25.4  | 38.0  |
| 120       | 18.9  | 17.3  | 25.9  |

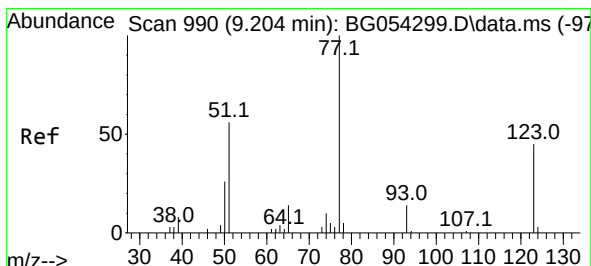
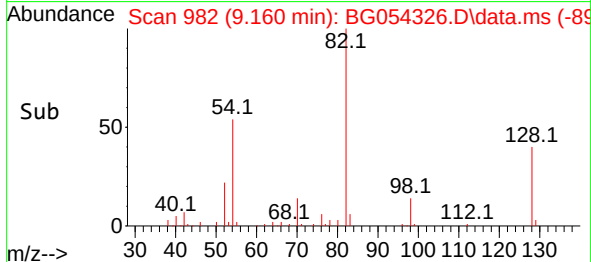
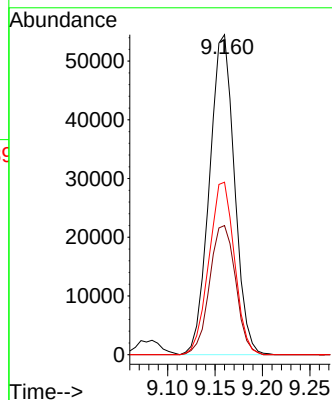
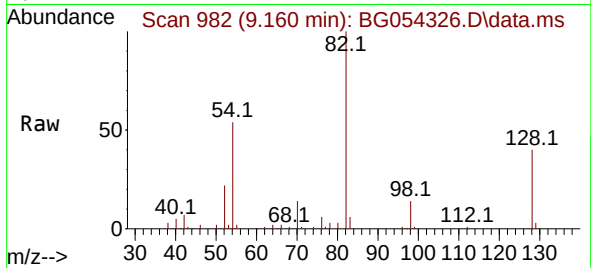




#23  
Nitrobenzene-d5  
Concen: 75.529 ng  
RT: 9.160 min Scan# 91  
Delta R.T. -0.003 min  
Lab File: BG054326.D  
Acq: 20 Jul 2022 13:44

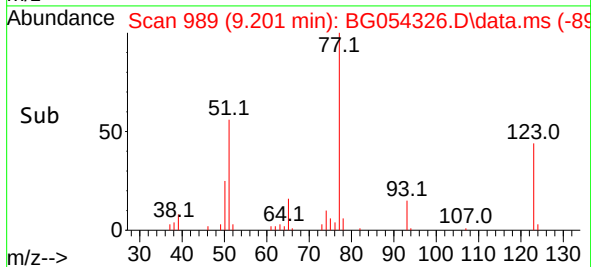
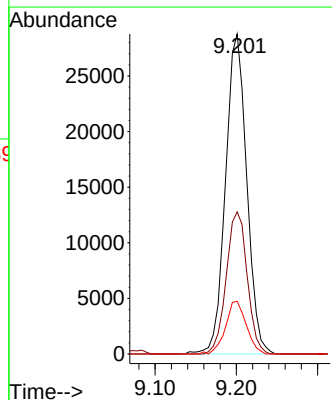
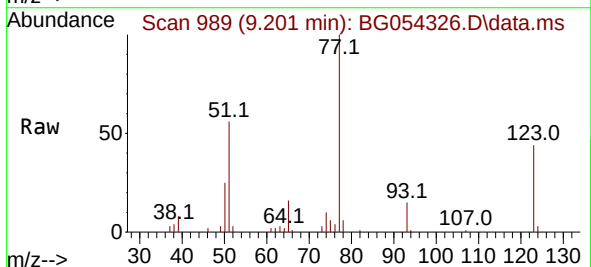
Instrument :  
BNA\_G  
ClientSampleId :  
PB146329BS

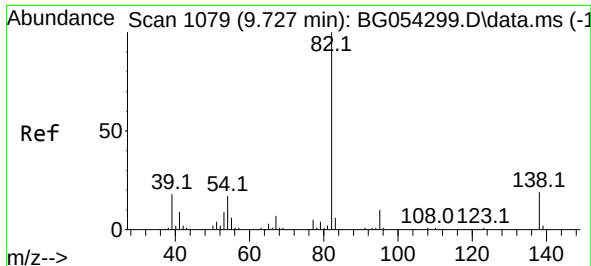
Tgt Ion: 82 Resp: 100122  
Ion Ratio Lower Upper  
82 100  
128 40.4 27.9 41.9  
54 53.9 41.2 61.8



#24  
Nitrobenzene  
Concen: 40.259 ng  
RT: 9.201 min Scan# 989  
Delta R.T. -0.003 min  
Lab File: BG054326.D  
Acq: 20 Jul 2022 13:44

Tgt Ion: 77 Resp: 52156  
Ion Ratio Lower Upper  
77 100  
123 44.4 27.4 41.0#  
65 16.4 11.4 17.0

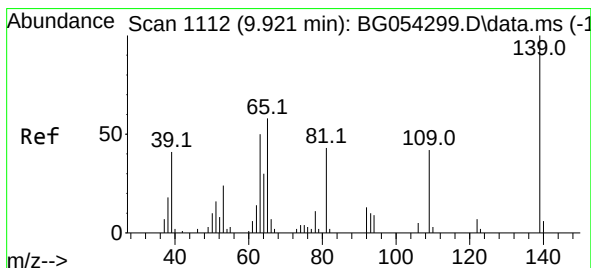
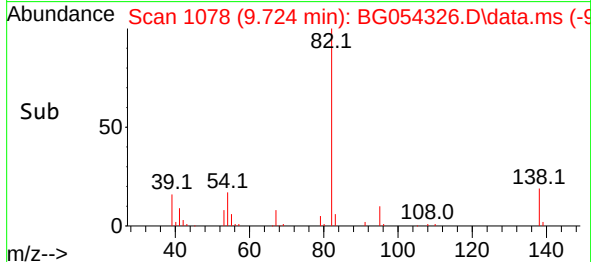
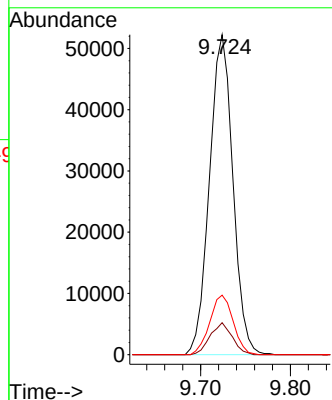
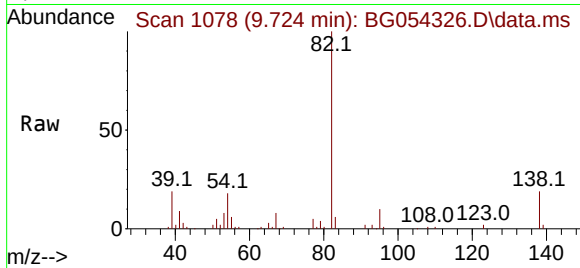




#25  
Isophorone  
Concen: 41.029 ng  
RT: 9.724 min Scan# 1107  
Delta R.T. -0.003 min  
Lab File: BG054326.D  
Acq: 20 Jul 2022 13:44

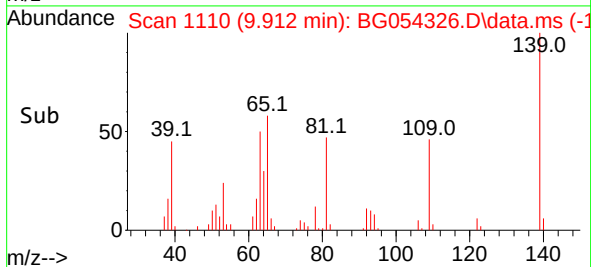
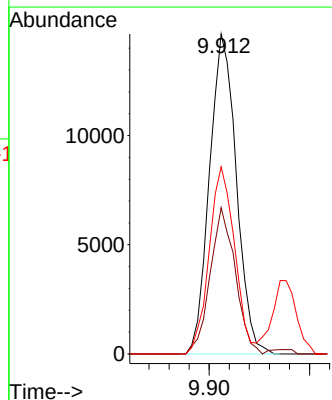
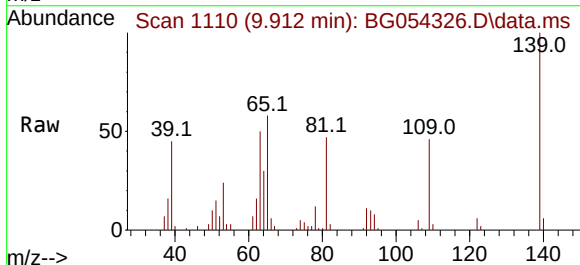
Instrument :  
BNA\_G  
ClientSampleId :  
PB146329BS

Tgt Ion: 82 Resp: 94591  
Ion Ratio Lower Upper  
82 100  
95 10.0 6.2 9.4#  
138 18.6 11.6 17.4#

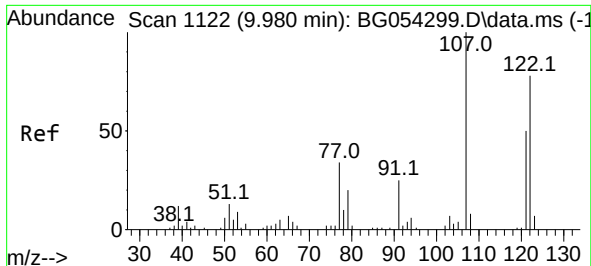


#26  
2-Nitrophenol  
Concen: 41.627 ng  
RT: 9.912 min Scan# 1110  
Delta R.T. -0.009 min  
Lab File: BG054326.D  
Acq: 20 Jul 2022 13:44

Tgt Ion:139 Resp: 27183  
Ion Ratio Lower Upper  
139 100  
109 45.7 36.1 54.1  
65 58.4 55.8 83.6







#27

2,4-Dimethylphenol

Concen: 48.547 ng

RT: 9.977 min Scan# 1121

Delta R.T. -0.003 min

Lab File: BG054326.D

Acq: 20 Jul 2022 13:44

Instrument :

BNA\_G

ClientSampleId :

PB146329BS

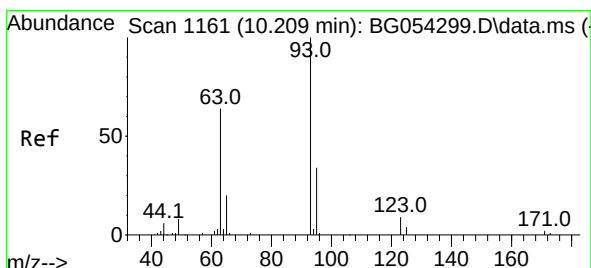
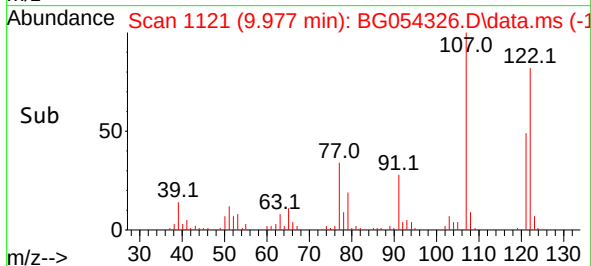
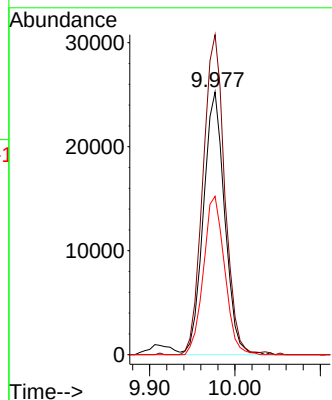
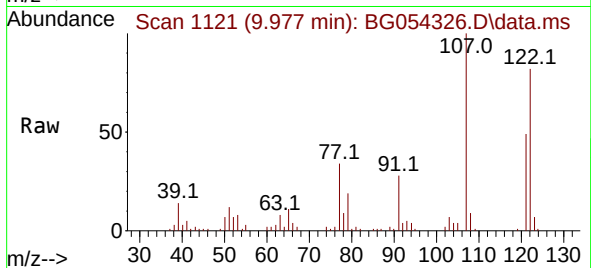
Tgt Ion:122 Resp: 43794

Ion Ratio Lower Upper

122 100

107 121.8 109.4 164.0

121 60.3 48.7 73.1



#28

bis(2-Chloroethoxy)methane

Concen: 43.803 ng

RT: 10.206 min Scan# 1160

Delta R.T. -0.003 min

Lab File: BG054326.D

Acq: 20 Jul 2022 13:44

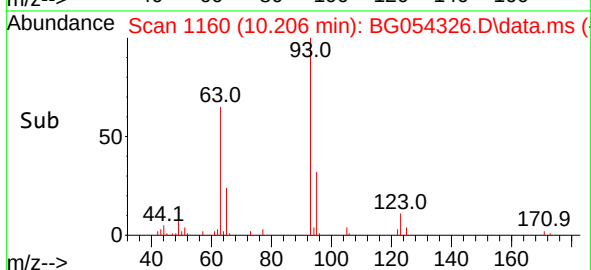
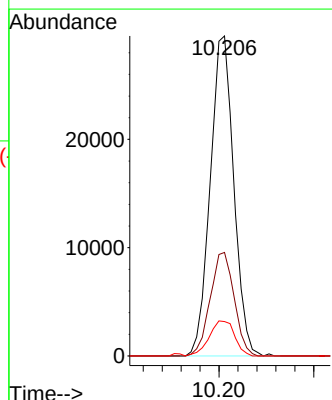
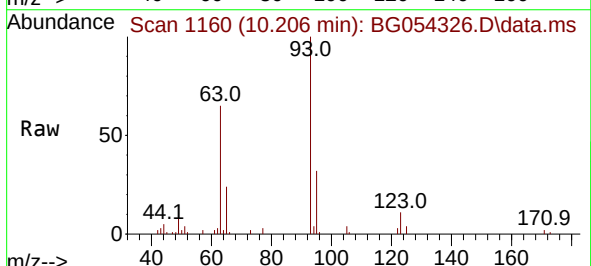
Tgt Ion: 93 Resp: 50933

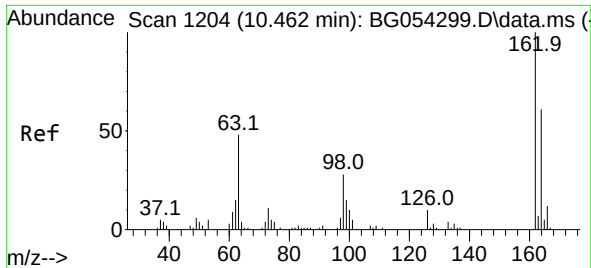
Ion Ratio Lower Upper

93 100

95 32.3 26.9 40.3

123 10.8 7.7 11.5





#29

2,4-Dichlorophenol

Concen: 42.887 ng

RT: 10.452 min Scan# 11

Delta R.T. -0.009 min

Lab File: BG054326.D

Acq: 20 Jul 2022 13:44

Instrument :

BNA\_G

ClientSampleId :

PB146329BS

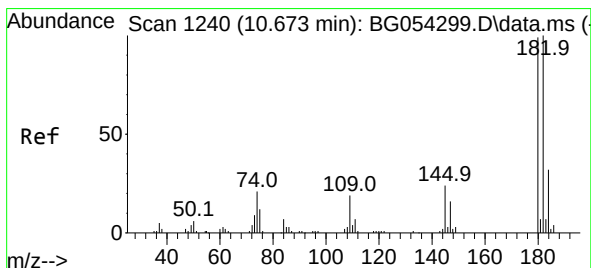
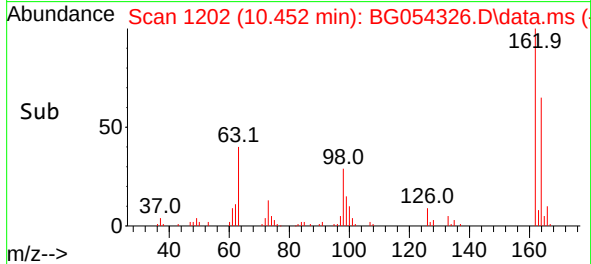
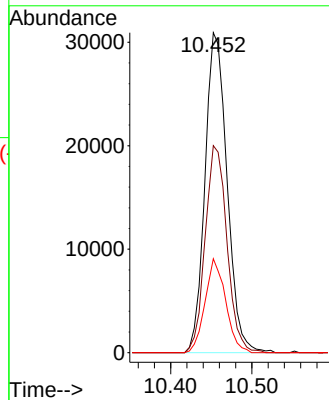
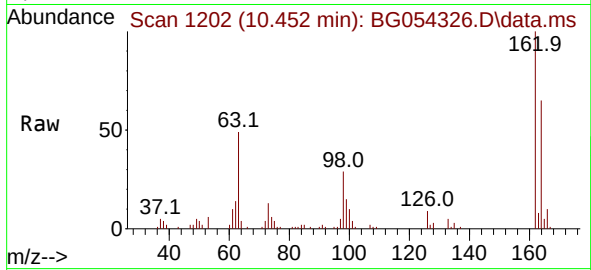
Tgt Ion:162 Resp: 58396

Ion Ratio Lower Upper

162 100

164 64.7 46.6 86.6

98 29.3 22.8 62.8



#30

1,2,4-Trichlorobenzene

Concen: 40.245 ng

RT: 10.670 min Scan# 1239

Delta R.T. -0.003 min

Lab File: BG054326.D

Acq: 20 Jul 2022 13:44

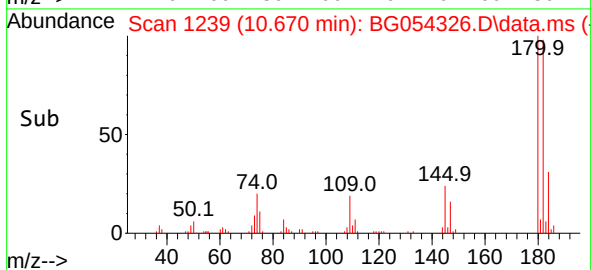
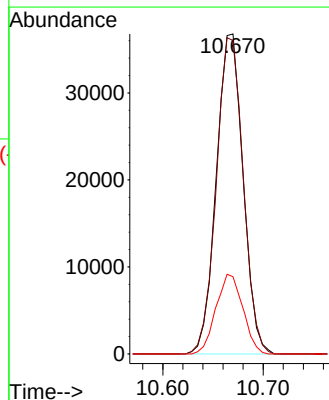
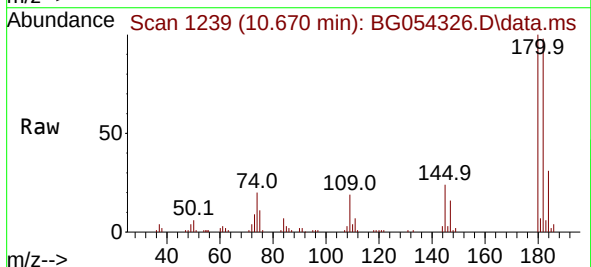
Tgt Ion:180 Resp: 67868

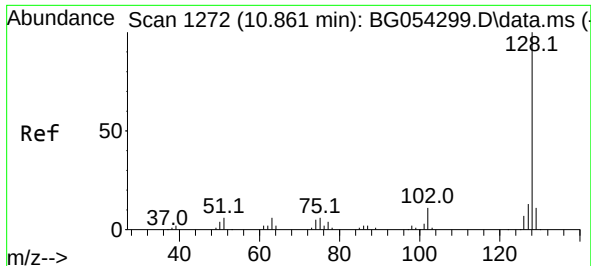
Ion Ratio Lower Upper

180 100

182 97.9 76.6 115.0

145 24.1 25.0 37.4#

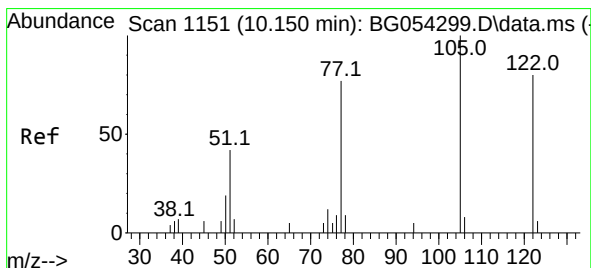
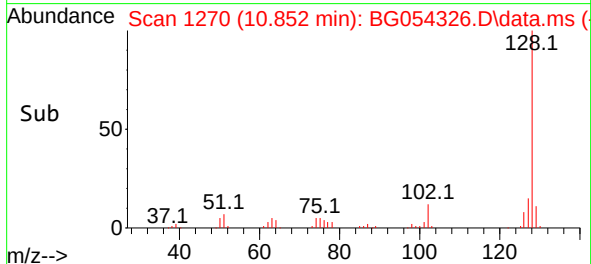
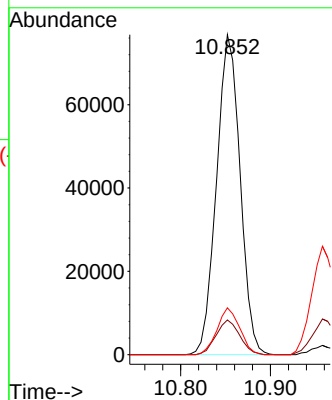
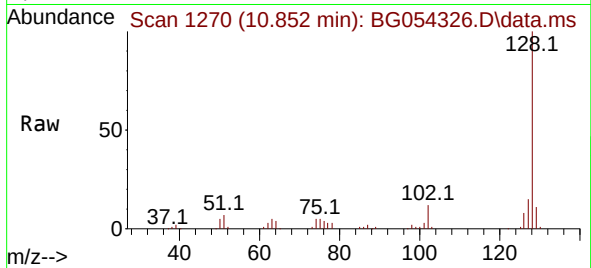




#31  
Naphthalene  
Concen: 38.618 ng  
RT: 10.852 min Scan# 1152  
Delta R.T. -0.009 min  
Lab File: BG054326.D  
Acq: 20 Jul 2022 13:44

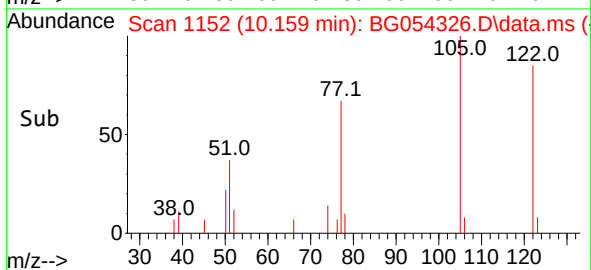
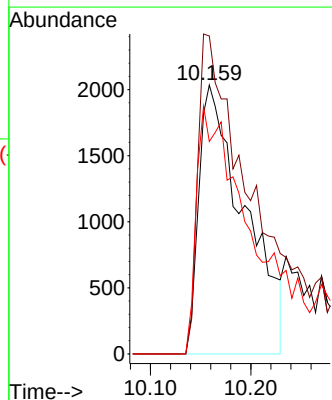
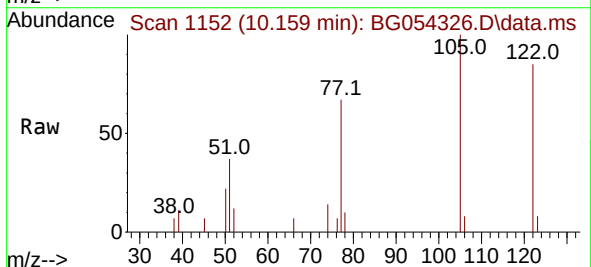
Instrument :  
BNA\_G  
ClientSampleId :  
PB146329BS

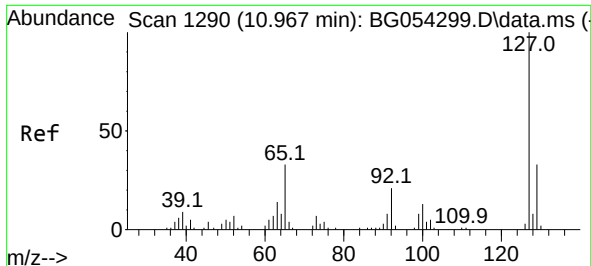
Tgt Ion:128 Resp: 139941  
Ion Ratio Lower Upper  
128 100  
129 10.8 9.0 13.6  
127 14.6 11.1 16.7



#32  
Benzoic acid  
Concen: 22.704 ng  
RT: 10.159 min Scan# 1152  
Delta R.T. 0.009 min  
Lab File: BG054326.D  
Acq: 20 Jul 2022 13:44

Tgt Ion:122 Resp: 6407  
Ion Ratio Lower Upper  
122 100  
105 118.2 111.8 151.8  
77 79.0 109.4 149.4#

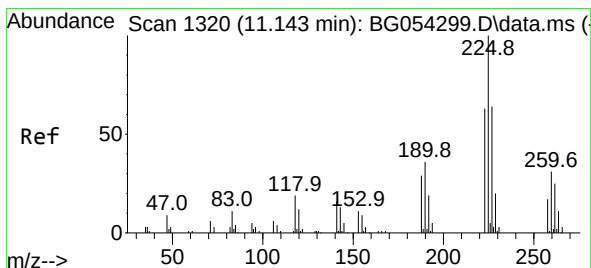
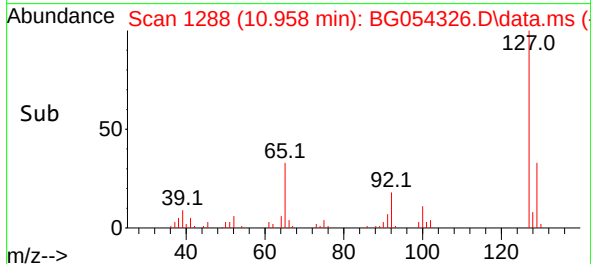
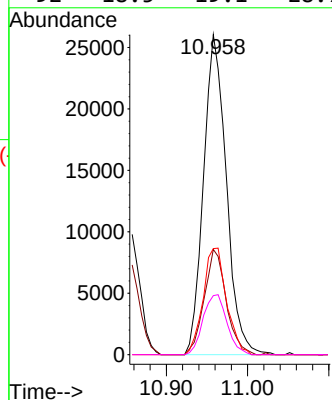
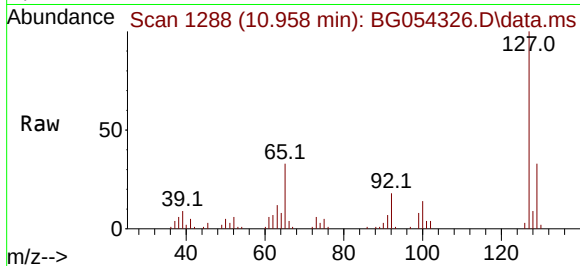




#33  
4-Chloroaniline  
Concen: 34.447 ng  
RT: 10.958 min Scan# 111  
Delta R.T. -0.009 min  
Lab File: BG054326.D  
Acq: 20 Jul 2022 13:44

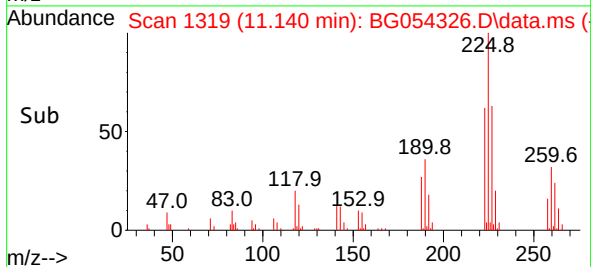
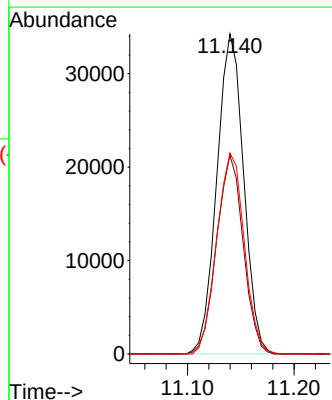
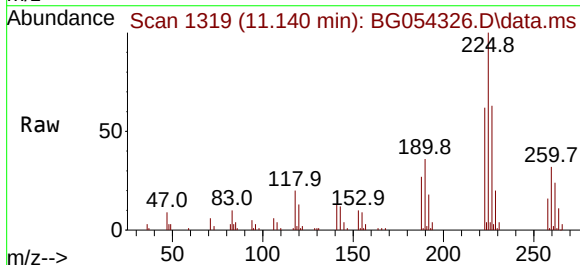
Instrument :  
BNA\_G  
ClientSampleId :  
PB146329BS

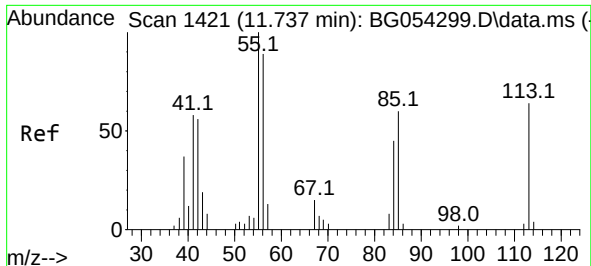
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 127   | Resp: | 50763 |
| Ion Ratio | Lower | Upper |       |
| 127       | 100   |       |       |
| 129       | 32.9  | 26.3  | 39.5  |
| 65        | 33.2  | 31.1  | 46.7  |
| 92        | 18.5  | 19.1  | 28.7  |



#34  
Hexachlorobutadiene  
Concen: 40.090 ng  
RT: 11.140 min Scan# 1319  
Delta R.T. -0.003 min  
Lab File: BG054326.D  
Acq: 20 Jul 2022 13:44

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 59748 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 62.2  | 48.9  | 73.3  |
| 227       | 65.5  | 52.8  | 79.2  |

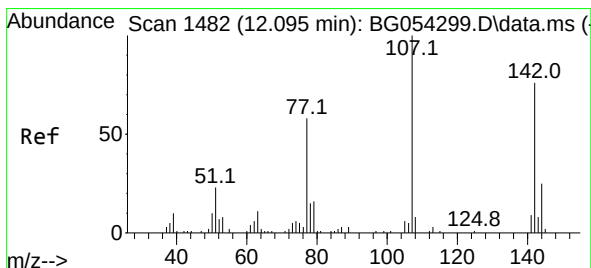
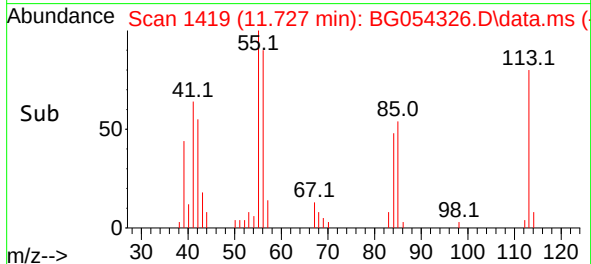
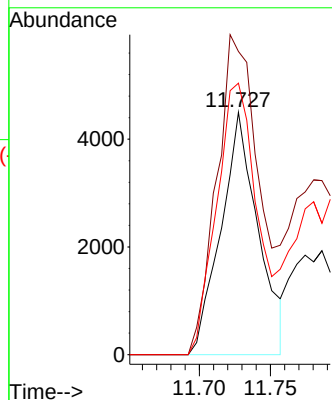
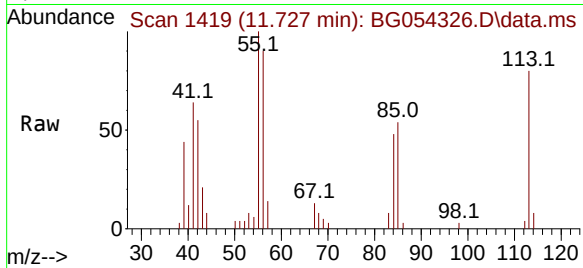




#35  
Caprolactam  
Concen: 23.903 ng  
RT: 11.727 min Scan# 1419  
Delta R.T. -0.009 min  
Lab File: BG054326.D  
Acq: 20 Jul 2022 13:44

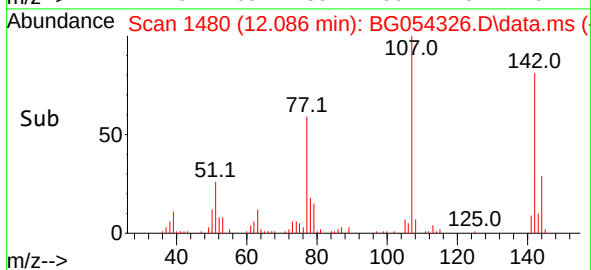
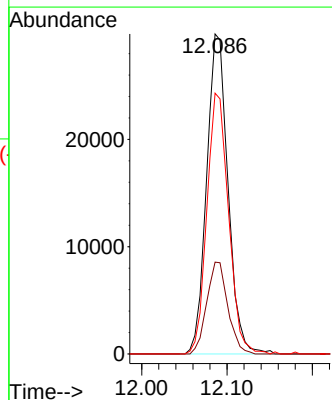
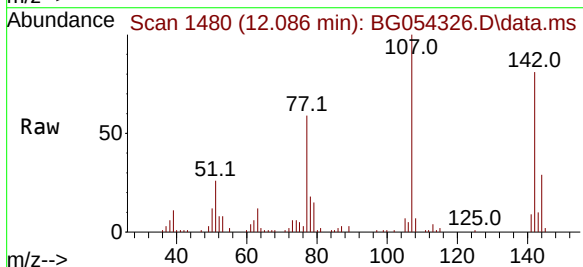
Instrument :  
BNA\_G  
ClientSampleId :  
PB146329BS

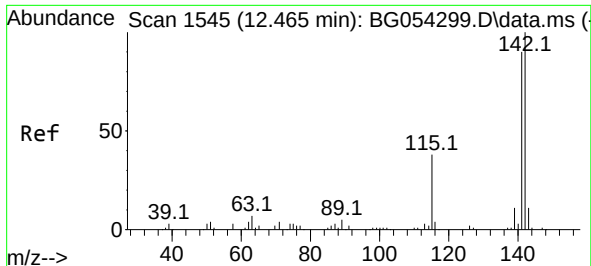
Tgt Ion:113 Resp: 8195  
Ion Ratio Lower Upper  
113 100  
55 125.0 169.8 209.8#  
56 112.0 141.2 181.2#



#36  
4-Chloro-3-methylphenol  
Concen: 41.963 ng  
RT: 12.086 min Scan# 1480  
Delta R.T. -0.009 min  
Lab File: BG054326.D  
Acq: 20 Jul 2022 13:44

Tgt Ion:107 Resp: 51981  
Ion Ratio Lower Upper  
107 100  
144 28.7 18.5 27.7#  
142 81.5 55.0 82.4

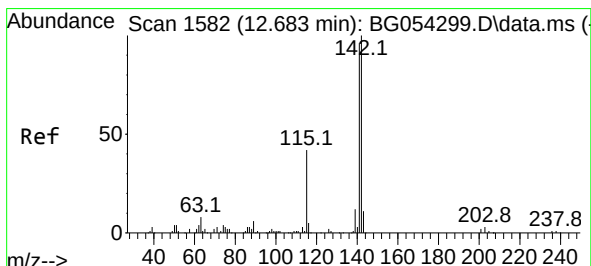
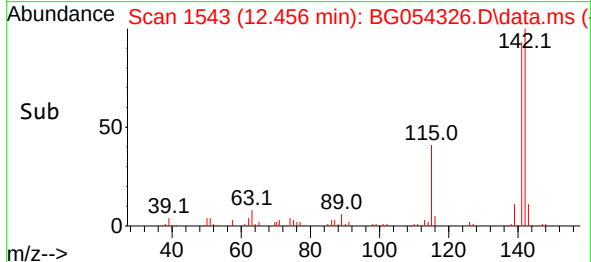
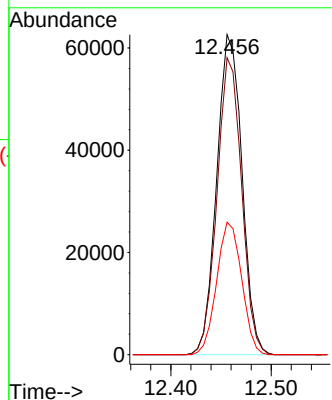
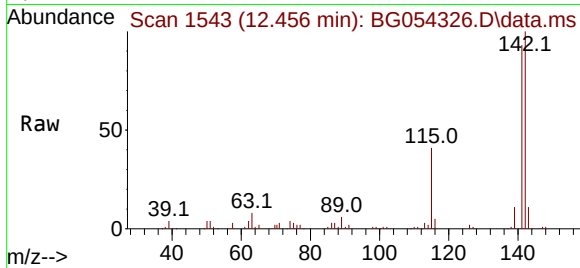




#37  
2-Methylnaphthalene  
Concen: 39.324 ng  
RT: 12.456 min Scan# 1543  
Delta R.T. -0.009 min  
Lab File: BG054326.D  
Acq: 20 Jul 2022 13:44

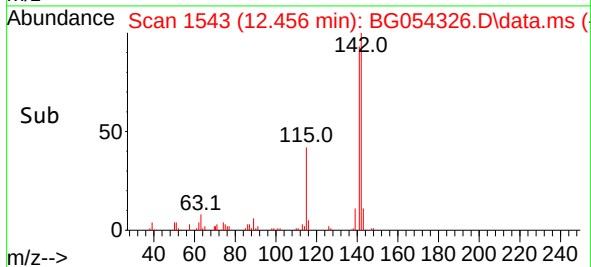
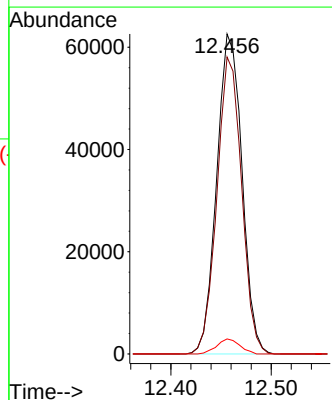
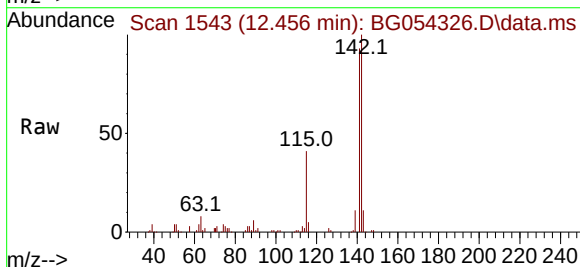
Instrument :  
BNA\_G  
ClientSampleId :  
PB146329BS

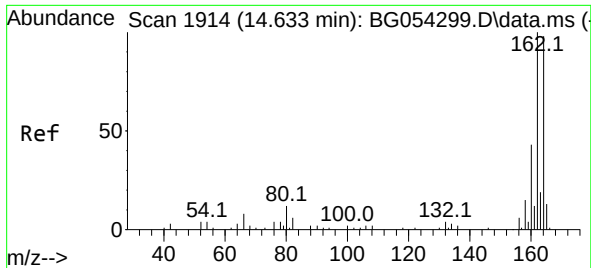
Tgt Ion:142 Resp: 109431  
Ion Ratio Lower Upper  
142 100  
141 92.8 72.3 108.5  
115 41.4 33.7 50.5



#38  
1-Methylnaphthalene  
Concen: 40.357 ng  
RT: 12.456 min Scan# 1543  
Delta R.T. -0.227 min  
Lab File: BG054326.D  
Acq: 20 Jul 2022 13:44

Tgt Ion:142 Resp: 109431  
Ion Ratio Lower Upper  
142 100  
141 92.8 76.4 114.6  
116 4.7 3.3 4.9

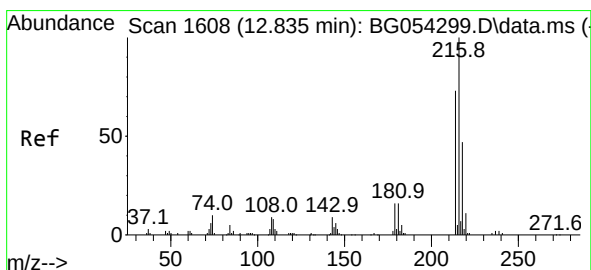
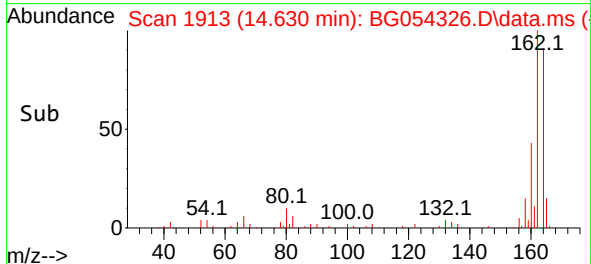
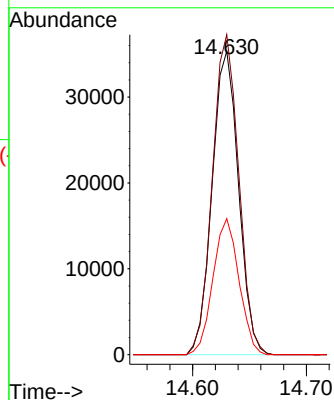
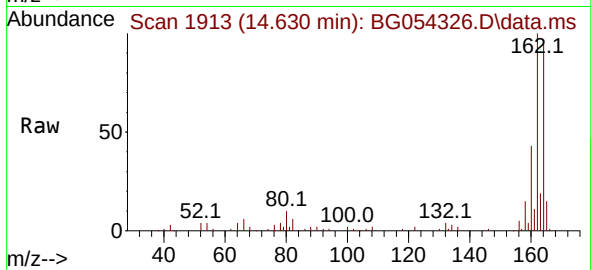




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.630 min Scan# 1914  
Delta R.T. -0.003 min  
Lab File: BG054326.D  
Acq: 20 Jul 2022 13:44

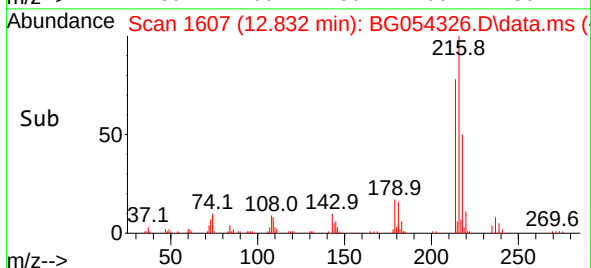
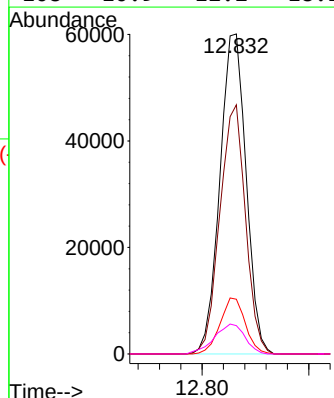
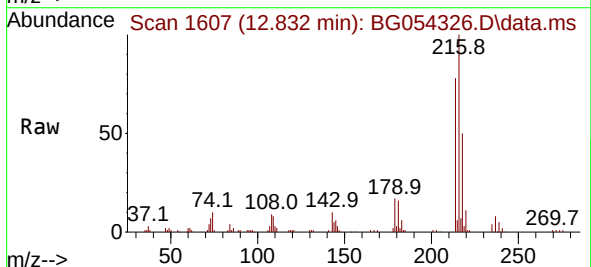
Instrument :  
BNA\_G  
ClientSampleId :  
PB146329BS

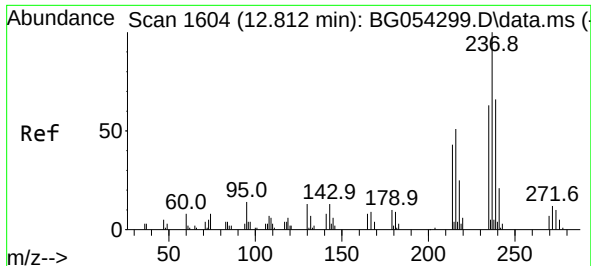
Tgt Ion:164 Resp: 57019  
Ion Ratio Lower Upper  
164 100  
162 105.4 82.3 123.5  
160 44.8 34.2 51.2



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 41.075 ng  
RT: 12.832 min Scan# 1607  
Delta R.T. -0.003 min  
Lab File: BG054326.D  
Acq: 20 Jul 2022 13:44

Tgt Ion:216 Resp: 102609  
Ion Ratio Lower Upper  
216 100  
214 76.1 62.9 94.3  
179 16.8 16.1 24.1  
108 10.9 12.2 18.2#

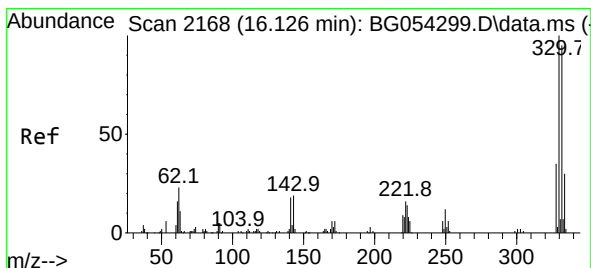
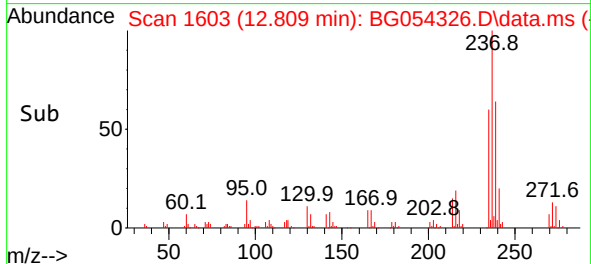
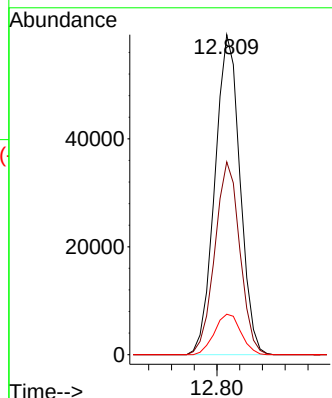
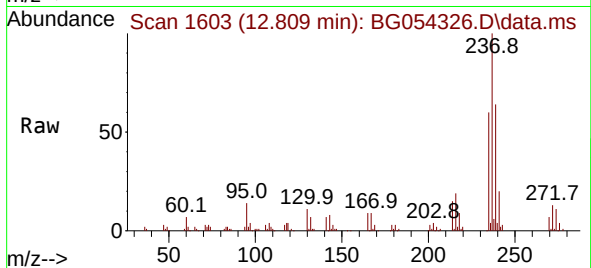




#41  
Hexachlorocyclopentadiene  
Concen: 108.536 ng  
RT: 12.809 min Scan# 1  
Delta R.T. -0.003 min  
Lab File: BG054326.D  
Acq: 20 Jul 2022 13:44

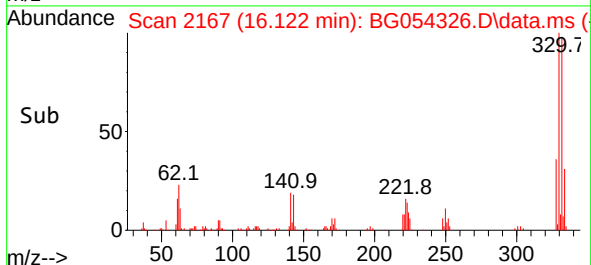
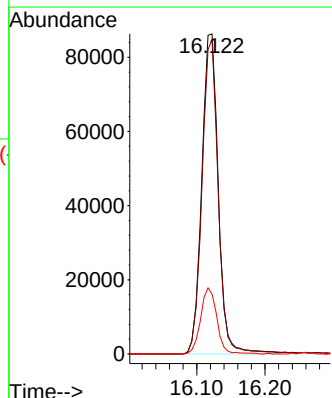
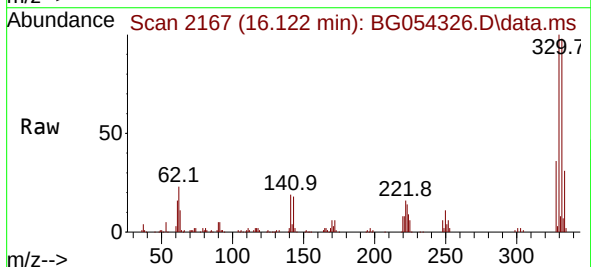
Instrument :  
BNA\_G  
ClientSampleId :  
PB146329BS

Tgt Ion:237 Resp: 90806  
Ion Ratio Lower Upper  
237 100  
235 60.2 43.5 83.5  
272 12.6 0.0 30.1

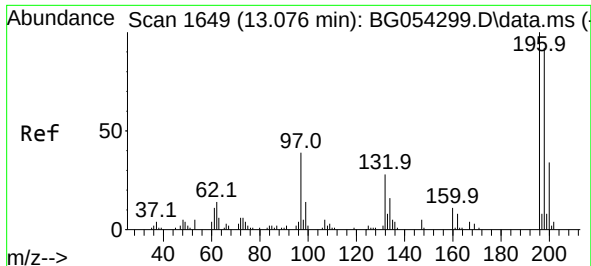


#42  
2,4,6-Tribromophenol  
Concen: 121.626 ng  
RT: 16.122 min Scan# 2167  
Delta R.T. -0.003 min  
Lab File: BG054326.D  
Acq: 20 Jul 2022 13:44

Tgt Ion:330 Resp: 145609  
Ion Ratio Lower Upper  
330 100  
332 96.2 76.0 114.0  
141 20.2 27.1 40.7#



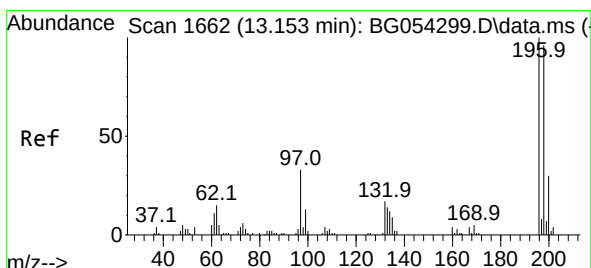
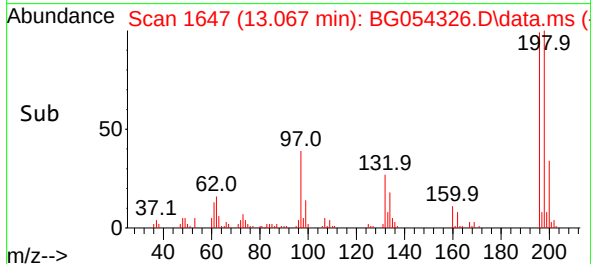
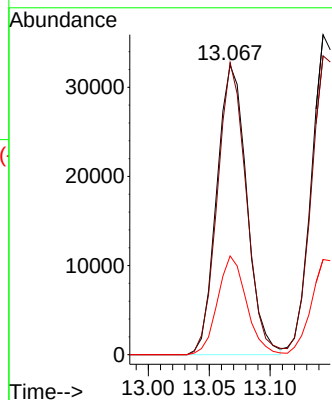
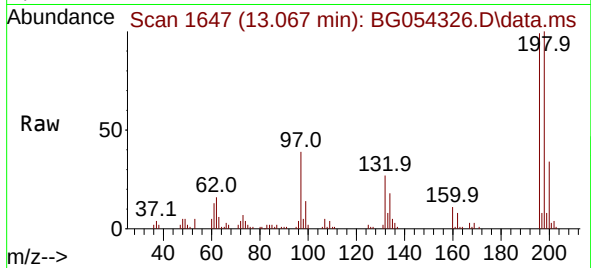




#43  
2,4,6-Trichlorophenol  
Concen: 40.922 ng  
RT: 13.067 min Scan# 1  
Delta R.T. -0.009 min  
Lab File: BG054326.D  
Acq: 20 Jul 2022 13:44

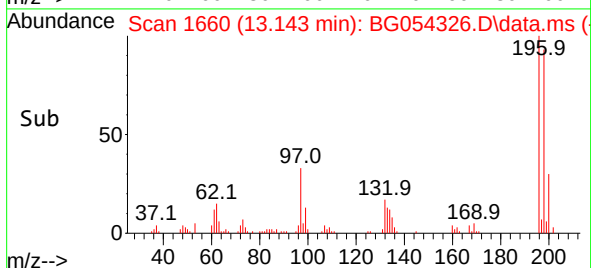
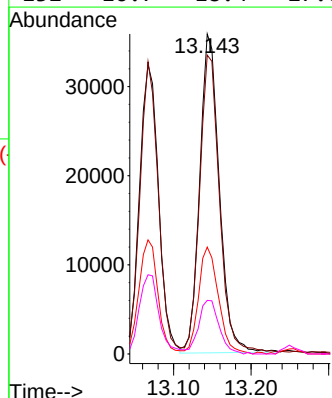
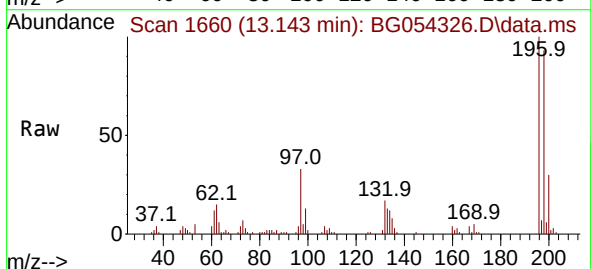
Instrument :  
BNA\_G  
ClientSampleId :  
PB146329BS

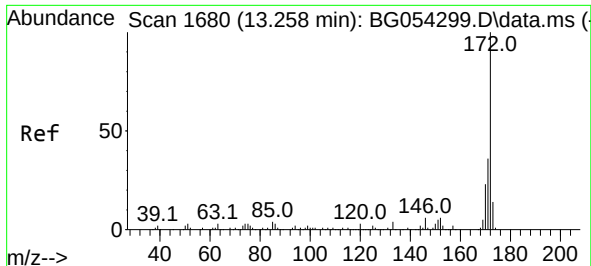
Tgt Ion:196 Resp: 55662  
Ion Ratio Lower Upper  
196 100  
198 100.9 74.1 111.1  
200 34.1 24.7 37.1



#44  
2,4,5-Trichlorophenol  
Concen: 40.931 ng  
RT: 13.143 min Scan# 1660  
Delta R.T. -0.009 min  
Lab File: BG054326.D  
Acq: 20 Jul 2022 13:44

Tgt Ion:196 Resp: 62905  
Ion Ratio Lower Upper  
196 100  
198 93.4 76.8 115.2  
97 33.4 39.8 59.6#  
132 16.7 18.4 27.6#

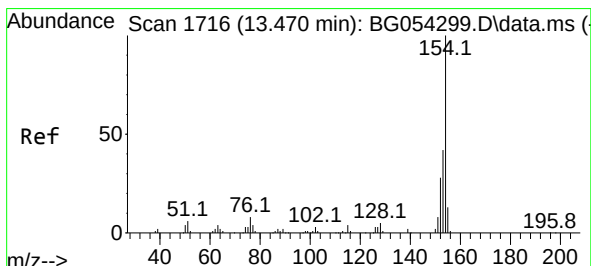
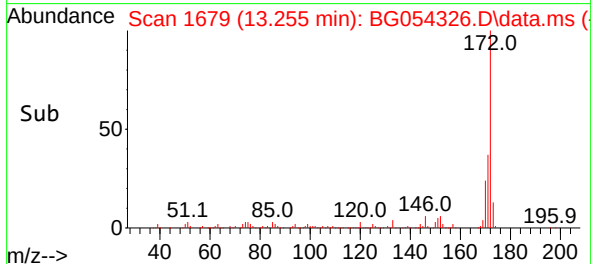
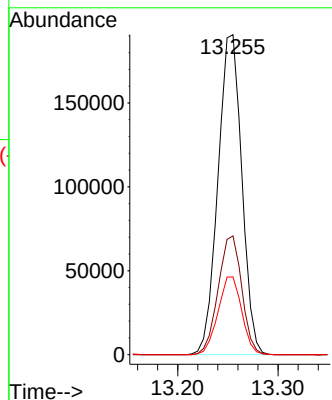
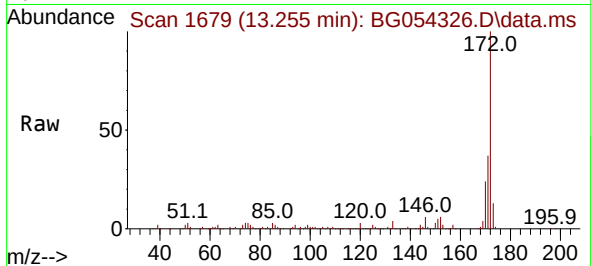




#45  
2-Fluorobiphenyl  
Concen: 77.745 ng  
RT: 13.255 min Scan# 1  
Delta R.T. -0.003 min  
Lab File: BG054326.D  
Acq: 20 Jul 2022 13:44

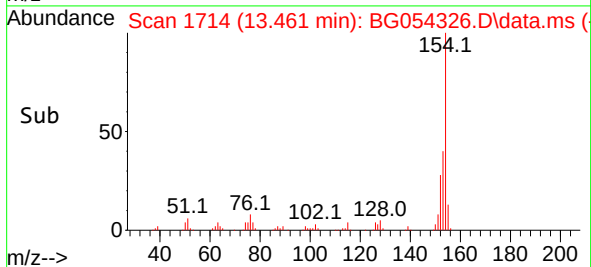
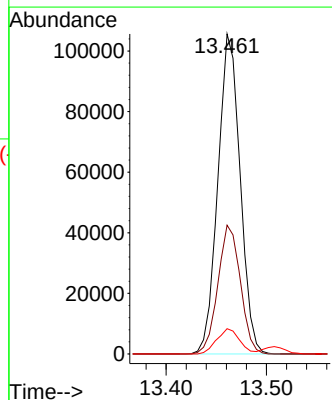
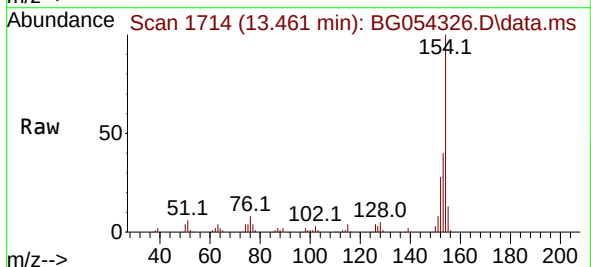
Instrument :  
BNA\_G  
ClientSampleId :  
PB146329BS

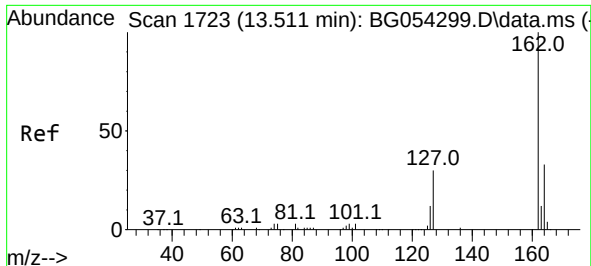
Tgt Ion:172 Resp: 314240  
Ion Ratio Lower Upper  
172 100  
171 37.1 28.5 42.7  
170 24.3 18.9 28.3



#46  
1,1'-Biphenyl  
Concen: 41.567 ng  
RT: 13.461 min Scan# 1714  
Delta R.T. -0.009 min  
Lab File: BG054326.D  
Acq: 20 Jul 2022 13:44

Tgt Ion:154 Resp: 162146  
Ion Ratio Lower Upper  
154 100  
153 40.2 21.6 61.6  
76 7.9 0.0 32.6





#47

2-Chloronaphthalene

Concen: 40.662 ng

RT: 13.508 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG054326.D

Acq: 20 Jul 2022 13:44

Instrument :

BNA\_G

ClientSampleId :

PB146329BS

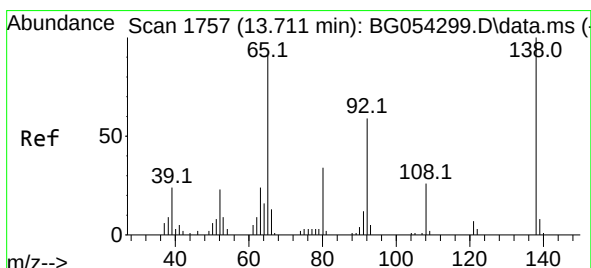
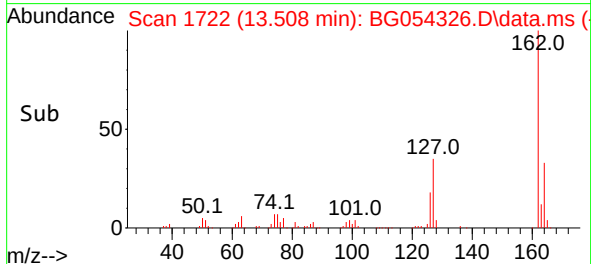
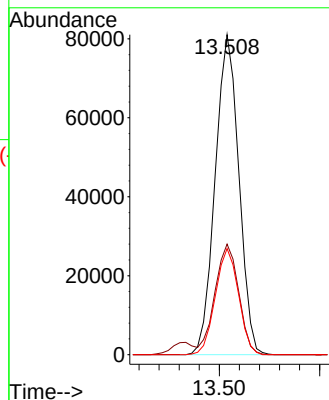
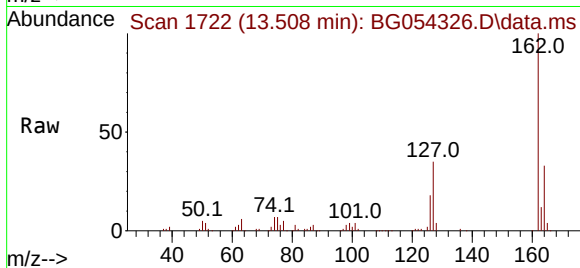
Tgt Ion:162 Resp: 132744

Ion Ratio Lower Upper

162 100

127 34.6 30.6 45.8

164 33.1 26.5 39.7



#48

2-Nitroaniline

Concen: 41.864 ng

RT: 13.707 min Scan# 1756

Delta R.T. -0.003 min

Lab File: BG054326.D

Acq: 20 Jul 2022 13:44

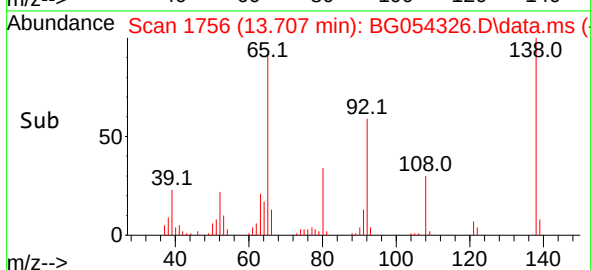
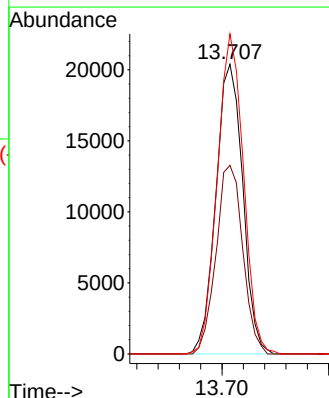
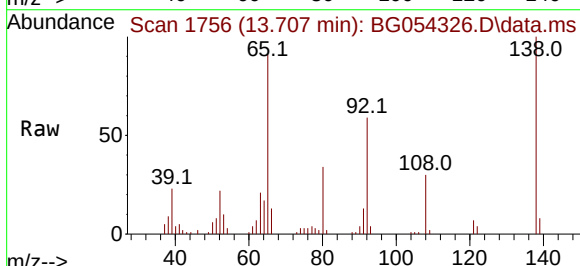
Tgt Ion: 65 Resp: 35667

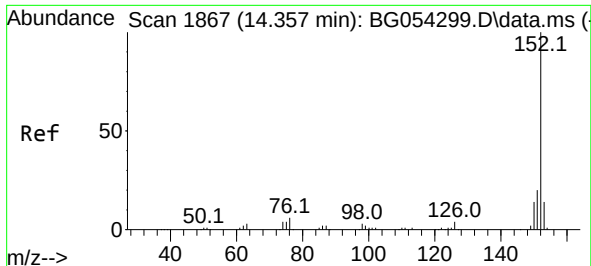
Ion Ratio Lower Upper

65 100

92 65.1 51.5 77.3

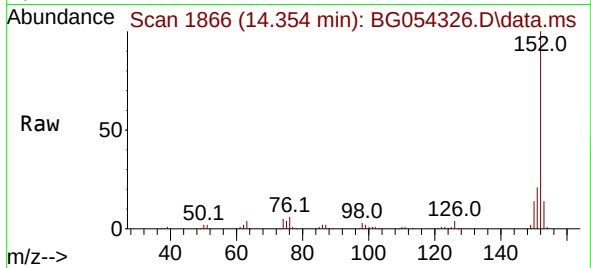
138 110.4 71.3 106.9#



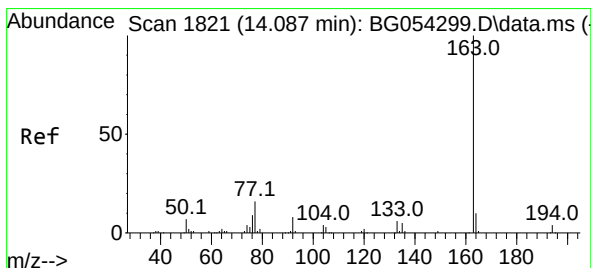
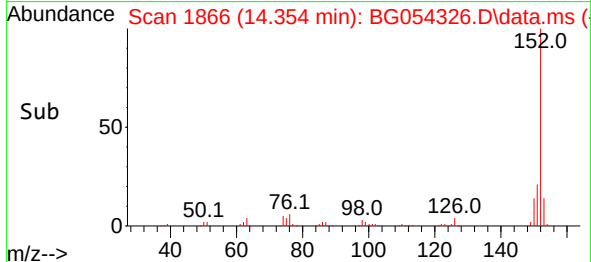
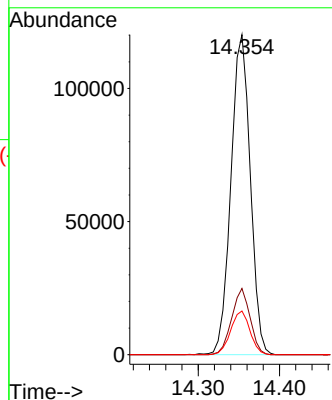


#49  
Acenaphthylene  
Concen: 40.939 ng  
RT: 14.354 min Scan# 1866  
Delta R.T. -0.003 min  
Lab File: BG054326.D  
Acq: 20 Jul 2022 13:44

Instrument :  
BNA\_G  
ClientSampleId :  
PB146329BS

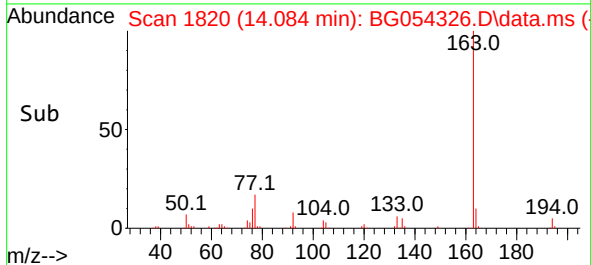
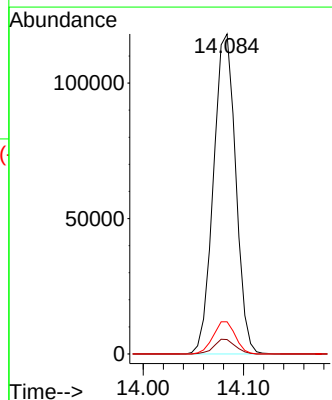
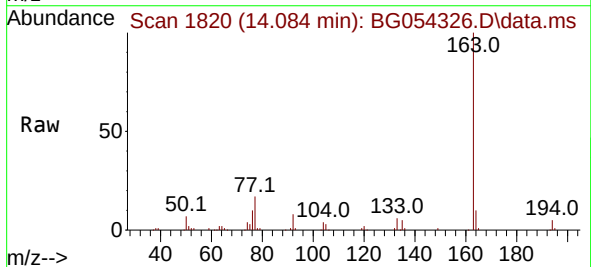


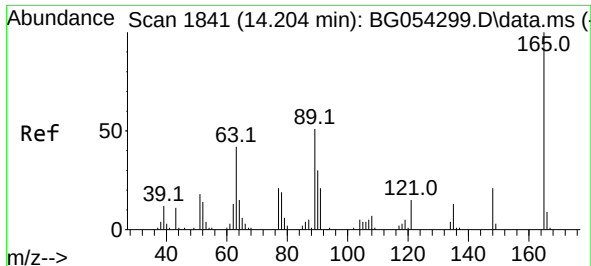
Tgt Ion:152 Resp: 198587  
Ion Ratio Lower Upper  
152 100  
151 20.7 16.4 24.6  
153 13.6 10.8 16.2



#50  
Dimethylphthalate  
Concen: 40.886 ng  
RT: 14.084 min Scan# 1820  
Delta R.T. -0.003 min  
Lab File: BG054326.D  
Acq: 20 Jul 2022 13:44

Tgt Ion:163 Resp: 182097  
Ion Ratio Lower Upper  
163 100  
194 4.5 3.0 4.6  
164 10.1 8.0 12.0

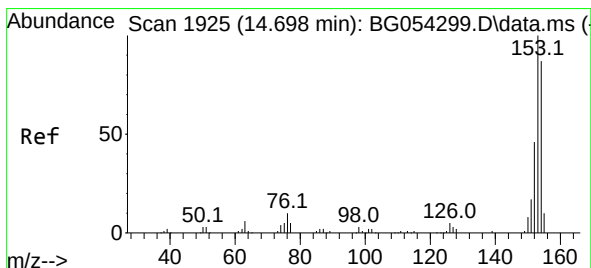
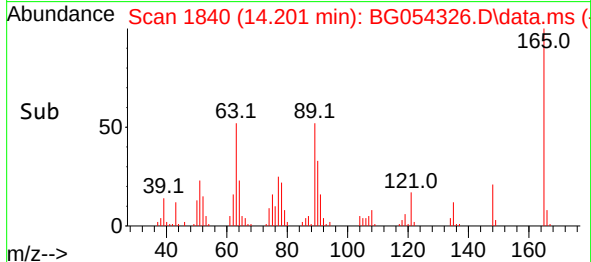
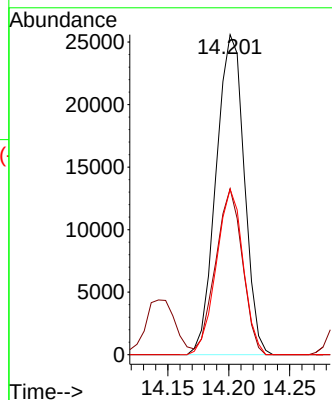
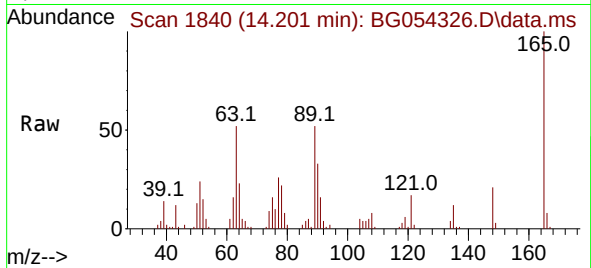




#51  
2,6-Dinitrotoluene  
Concen: 42.067 ng  
RT: 14.201 min Scan# 1840  
Delta R.T. -0.003 min  
Lab File: BG054326.D  
Acq: 20 Jul 2022 13:44

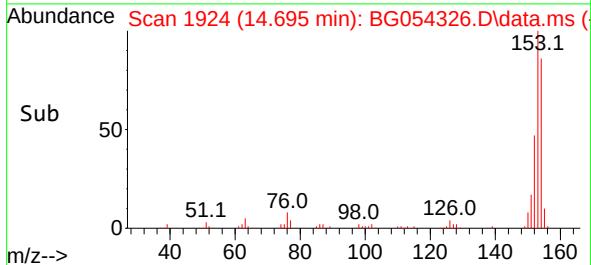
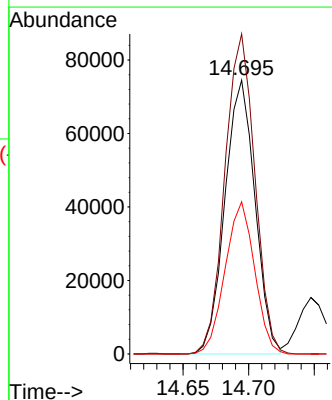
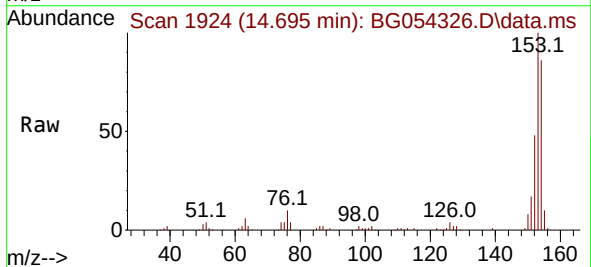
Instrument :  
BNA\_G  
ClientSampleId :  
PB146329BS

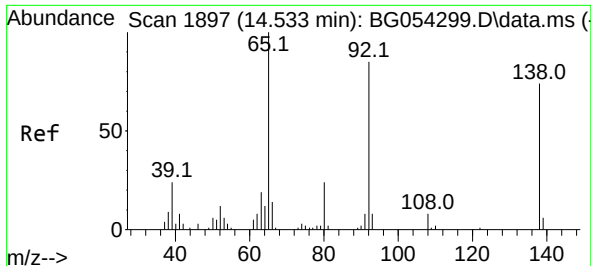
Tgt Ion:165 Resp: 41094  
Ion Ratio Lower Upper  
165 100  
63 51.9 54.1 81.1#  
89 51.7 54.8 82.2#



#52  
Acenaphthene  
Concen: 40.506 ng  
RT: 14.695 min Scan# 1924  
Delta R.T. -0.003 min  
Lab File: BG054326.D  
Acq: 20 Jul 2022 13:44

Tgt Ion:154 Resp: 118982  
Ion Ratio Lower Upper  
154 100  
153 116.9 92.7 139.1  
152 55.6 42.6 64.0

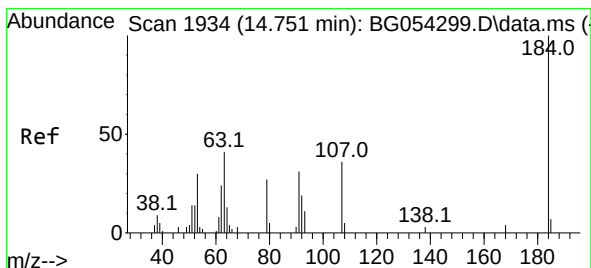
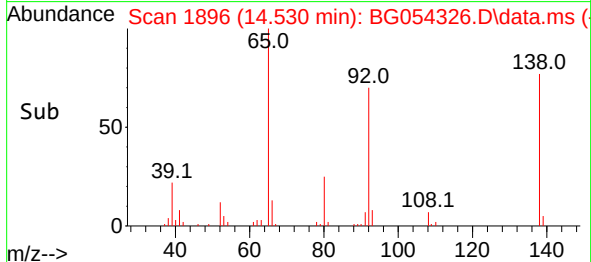
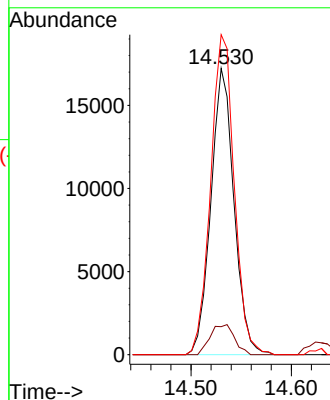
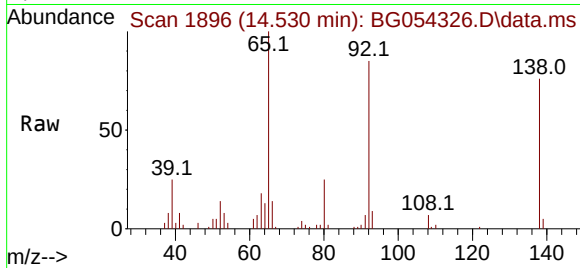




#53  
3-Nitroaniline  
Concen: 33.630 ng  
RT: 14.530 min Scan# 1897  
Delta R.T. -0.003 min  
Lab File: BG054326.D  
Acq: 20 Jul 2022 13:44

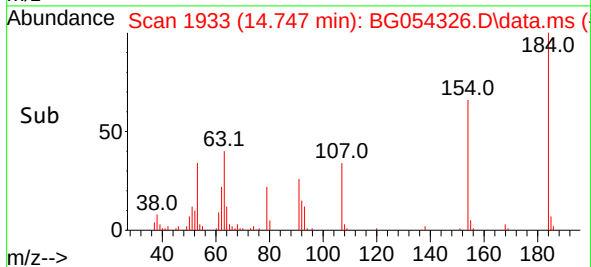
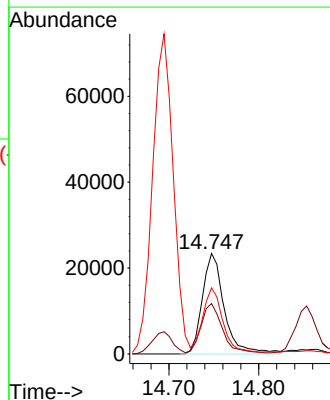
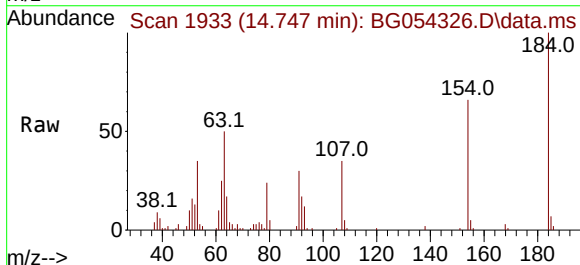
Instrument :  
BNA\_G  
ClientSampleId :  
PB146329BS

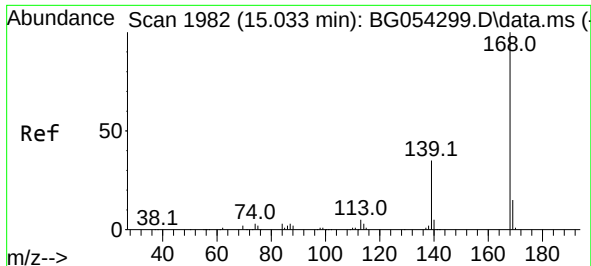
Tgt Ion:138 Resp: 27476  
Ion Ratio Lower Upper  
138 100  
108 9.8 9.2 13.8  
92 111.8 101.9 152.9



#54  
2,4-Dinitrophenol  
Concen: 70.824 ng  
RT: 14.747 min Scan# 1933  
Delta R.T. -0.004 min  
Lab File: BG054326.D  
Acq: 20 Jul 2022 13:44

Tgt Ion:184 Resp: 39690  
Ion Ratio Lower Upper  
184 100  
63 50.2 61.1 91.7#  
154 65.7 60.6 91.0

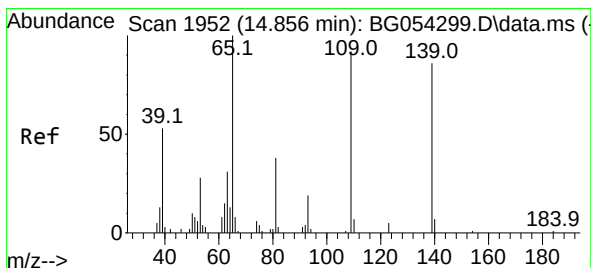
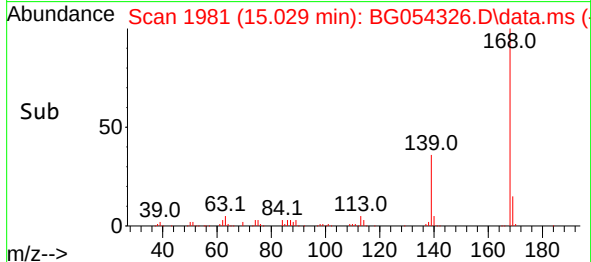
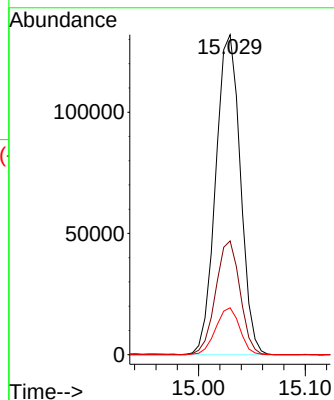
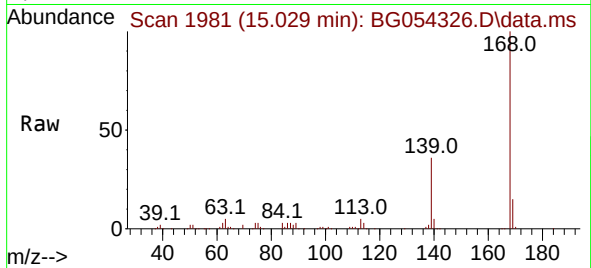




#55  
Dibenzofuran  
Concen: 40.503 ng  
RT: 15.029 min Scan# 1982  
Delta R.T. -0.003 min  
Lab File: BG054326.D  
Acq: 20 Jul 2022 13:44

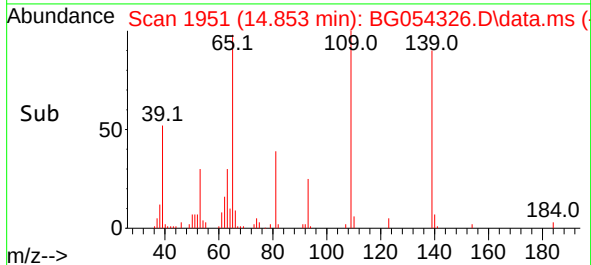
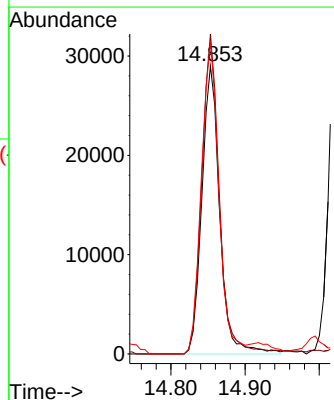
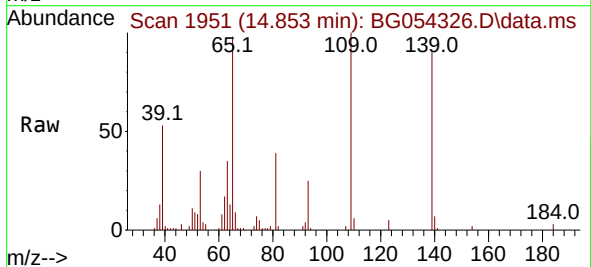
Instrument :  
BNA\_G  
ClientSampleId :  
PB146329BS

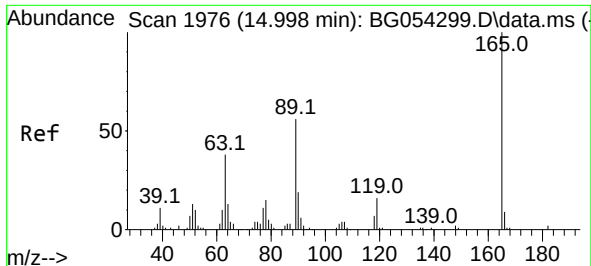
Tgt Ion:168 Resp: 211690  
Ion Ratio Lower Upper  
168 100  
139 35.6 30.5 45.7  
169 14.7 10.3 15.5



#56  
4-Nitrophenol  
Concen: 88.949 ng  
RT: 14.853 min Scan# 1951  
Delta R.T. -0.003 min  
Lab File: BG054326.D  
Acq: 20 Jul 2022 13:44

Tgt Ion:139 Resp: 48485  
Ion Ratio Lower Upper  
139 100  
109 111.1 88.5 128.5  
65 108.5 93.9 133.9

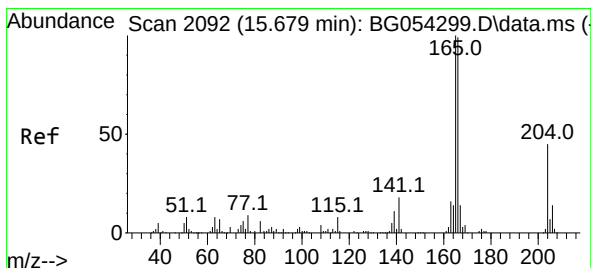
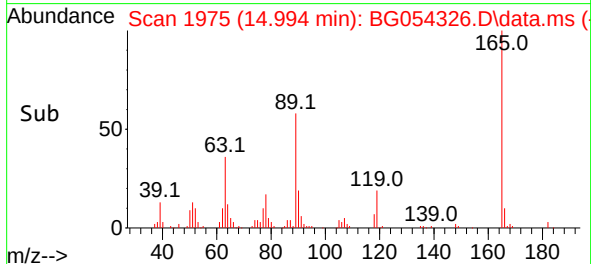
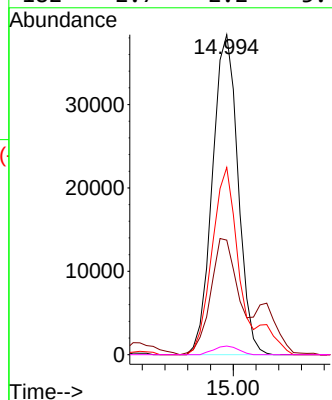
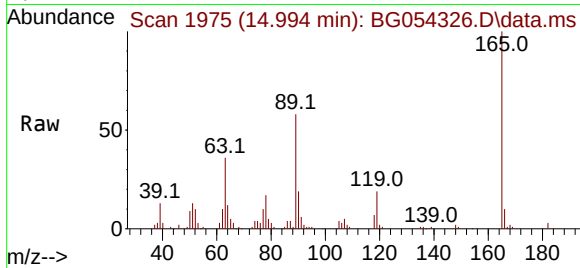




#57  
2,4-Dinitrotoluene  
Concen: 42.827 ng  
RT: 14.994 min Scan# 1975  
Delta R.T. -0.003 min  
Lab File: BG054326.D  
Acq: 20 Jul 2022 13:44

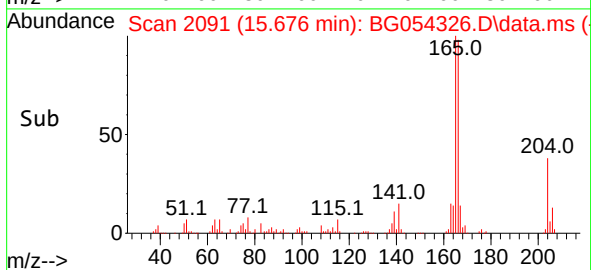
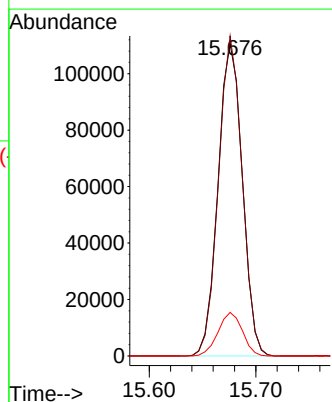
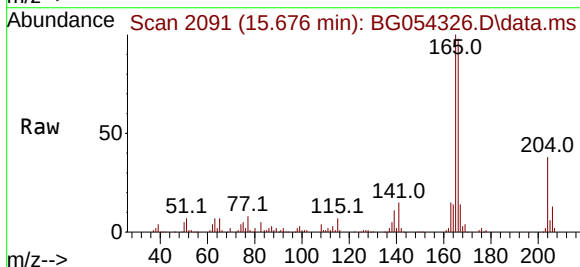
Instrument :  
BNA\_G  
ClientSampleId :  
PB146329BS

Tgt Ion:165 Resp: 59976  
Ion Ratio Lower Upper  
165 100  
63 35.8 34.6 52.0  
89 58.5 60.3 90.5#  
182 2.7 2.2 3.4

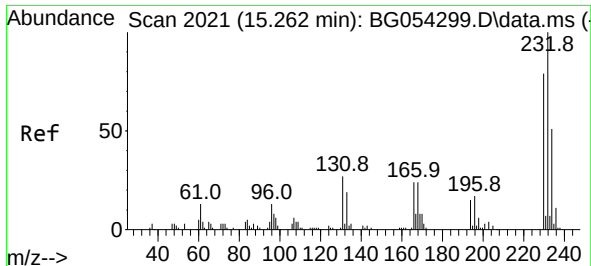


#58  
Fluorene  
Concen: 40.811 ng  
RT: 15.676 min Scan# 2091  
Delta R.T. -0.003 min  
Lab File: BG054326.D  
Acq: 20 Jul 2022 13:44

Tgt Ion:166 Resp: 175370  
Ion Ratio Lower Upper  
166 100  
165 102.5 75.0 112.6  
167 14.0 10.8 16.2



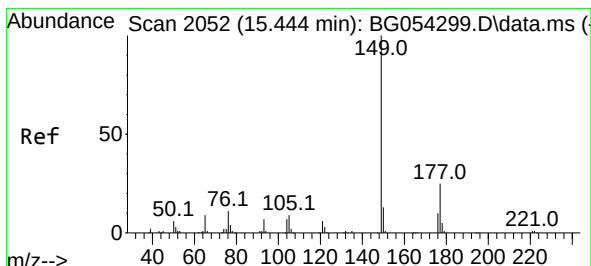
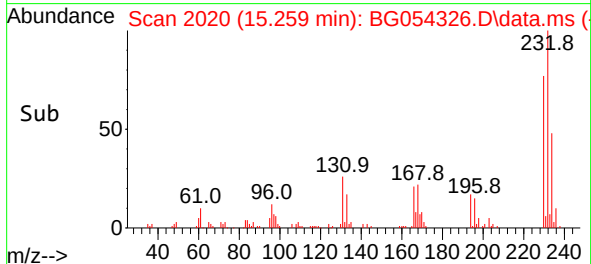
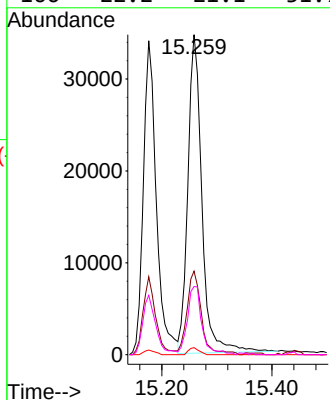
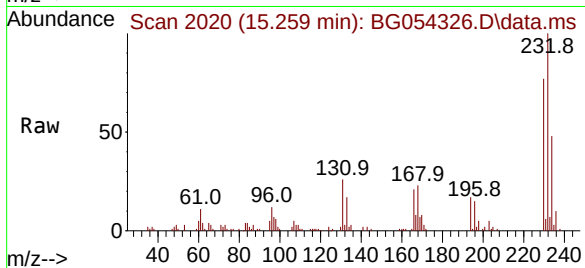




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 40.897 ng  
RT: 15.259 min Scan# 20  
Delta R.T. -0.003 min  
Lab File: BG054326.D  
Acq: 20 Jul 2022 13:44

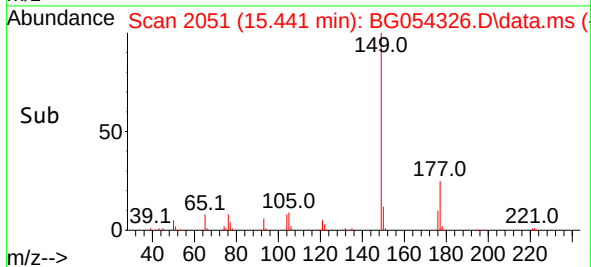
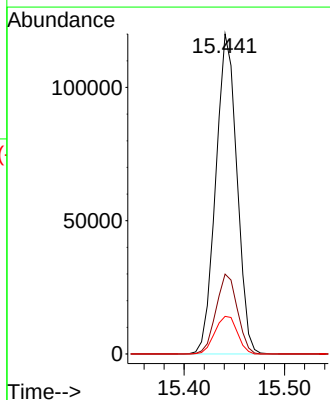
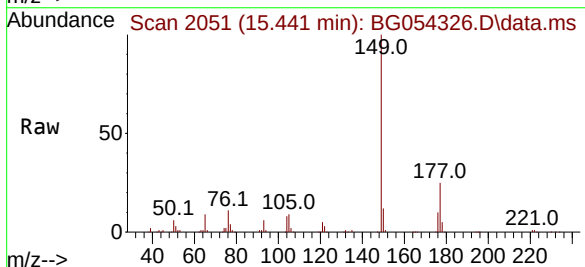
Instrument :  
BNA\_G  
ClientSampleId :  
PB146329BS

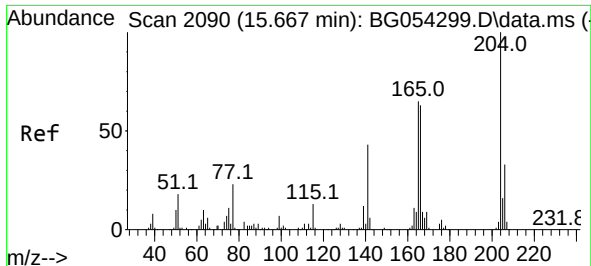
Tgt Ion:232 Resp: 61193  
Ion Ratio Lower Upper  
232 100  
131 27.0 30.6 46.0#  
130 1.6 1.8 2.8#  
166 22.2 21.1 31.7



#60  
Diethylphthalate  
Concen: 41.087 ng  
RT: 15.441 min Scan# 2051  
Delta R.T. -0.003 min  
Lab File: BG054326.D  
Acq: 20 Jul 2022 13:44

Tgt Ion:149 Resp: 175546  
Ion Ratio Lower Upper  
149 100  
177 25.0 18.4 27.6  
150 11.8 11.2 16.8

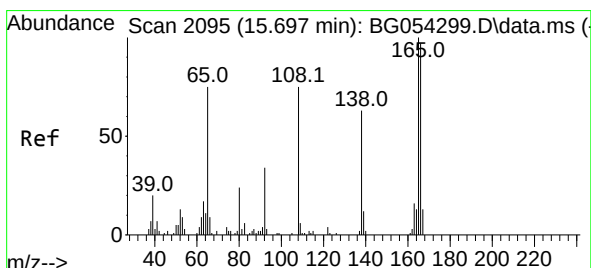
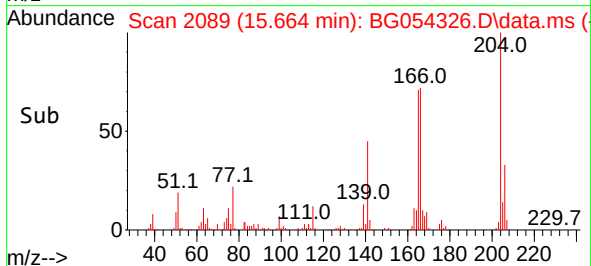
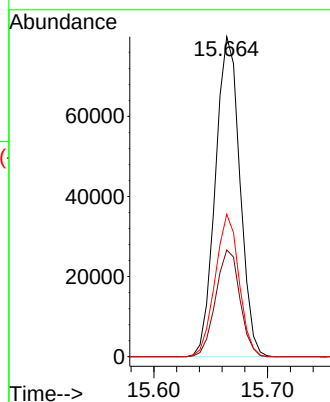
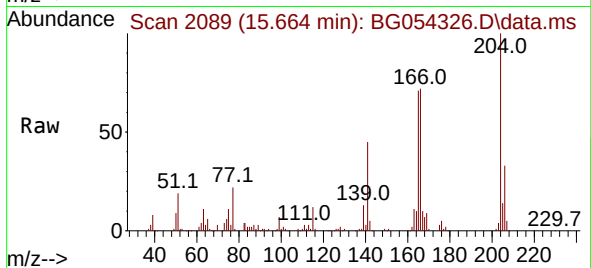




#61  
4-Chlorophenyl-phenylether  
Concen: 42.363 ng  
RT: 15.664 min Scan# 2090  
Delta R.T. -0.003 min  
Lab File: BG054326.D  
Acq: 20 Jul 2022 13:44

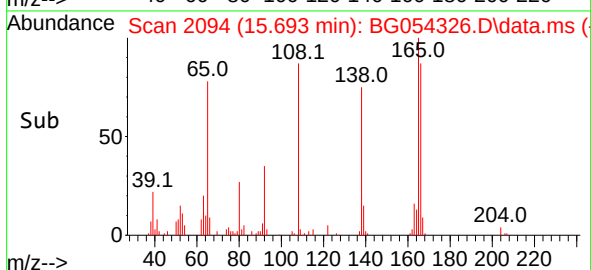
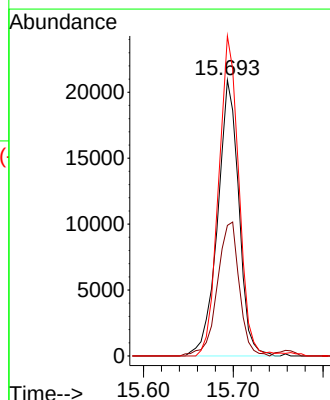
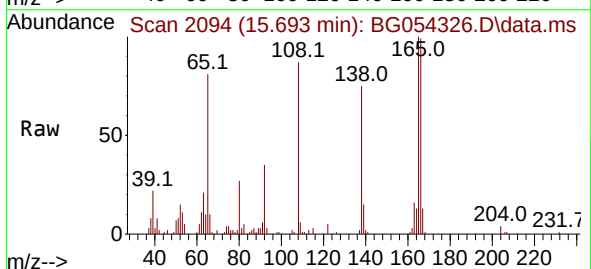
Instrument :  
BNA\_G  
ClientSampleId :  
PB146329BS

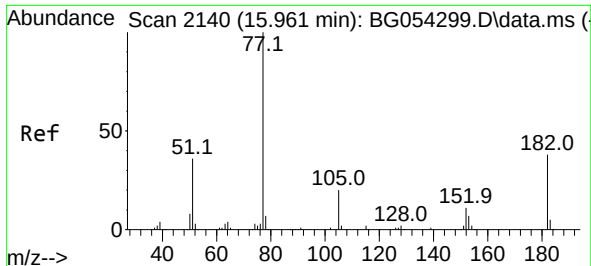
Tgt Ion:204 Resp: 119494  
Ion Ratio Lower Upper  
204 100  
206 33.3 27.5 41.3  
141 44.5 45.3 67.9#



#62  
4-Nitroaniline  
Concen: 39.943 ng  
RT: 15.693 min Scan# 2094  
Delta R.T. -0.003 min  
Lab File: BG054326.D  
Acq: 20 Jul 2022 13:44

Tgt Ion:138 Resp: 34285  
Ion Ratio Lower Upper  
138 100  
92 47.3 40.5 80.5  
108 116.0 103.7 143.7

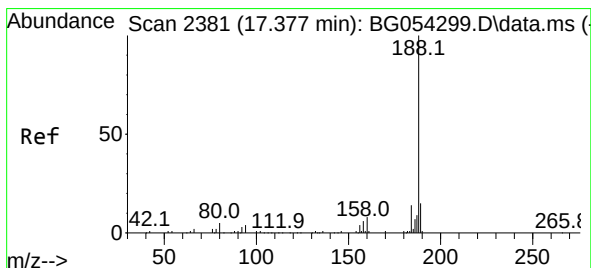
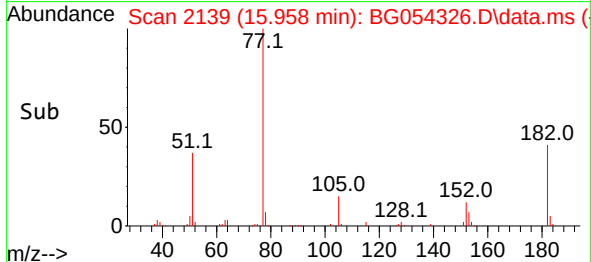
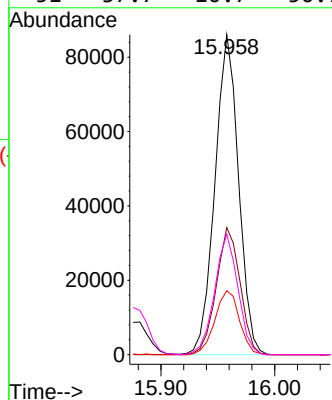
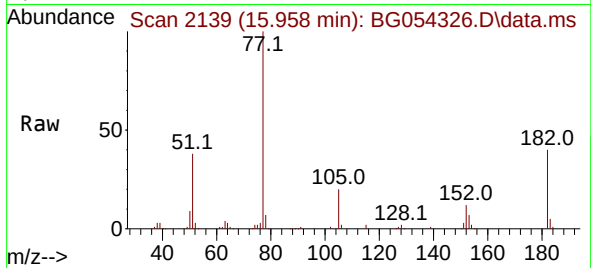




#63  
Azobenzene  
Concen: 40.256 ng  
RT: 15.958 min Scan# 2140  
Delta R.T. -0.003 min  
Lab File: BG054326.D  
Acq: 20 Jul 2022 13:44

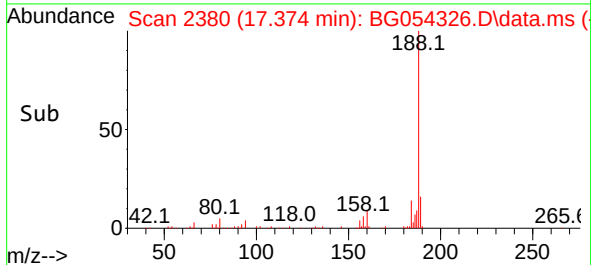
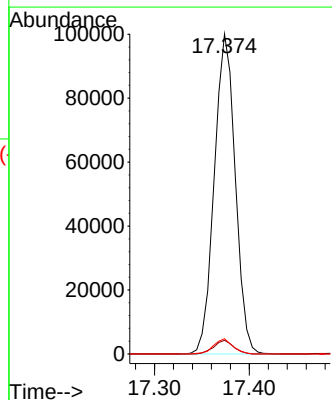
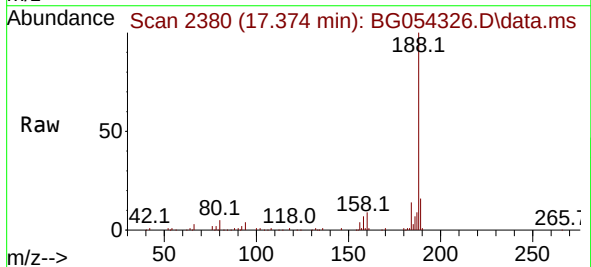
Instrument :  
BNA\_G  
ClientSampleId :  
PB146329BS

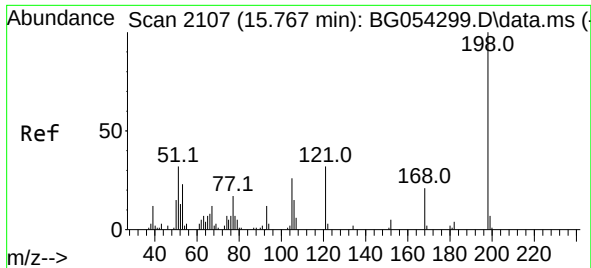
Tgt Ion: 77 Resp: 124275  
Ion Ratio Lower Upper  
77 100  
182 39.7 3.8 43.8  
105 20.0 0.0 37.8  
51 37.7 10.7 50.7



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.374 min Scan# 2380  
Delta R.T. -0.003 min  
Lab File: BG054326.D  
Acq: 20 Jul 2022 13:44

Tgt Ion:188 Resp: 153886  
Ion Ratio Lower Upper  
188 100  
94 4.2 5.4 8.0#  
80 4.7 6.8 10.2#

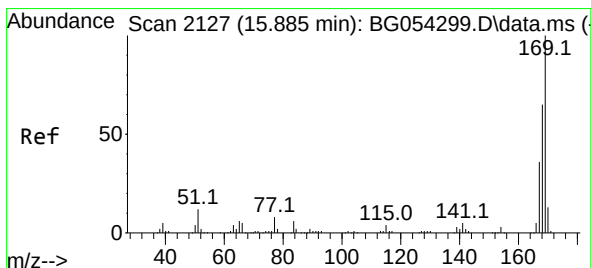
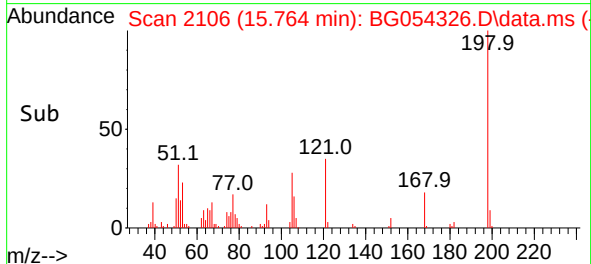
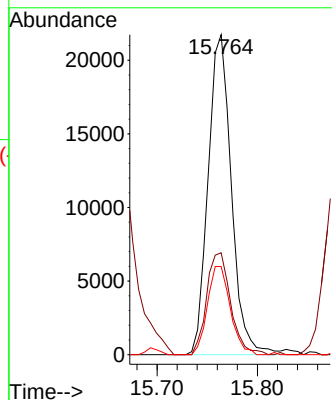
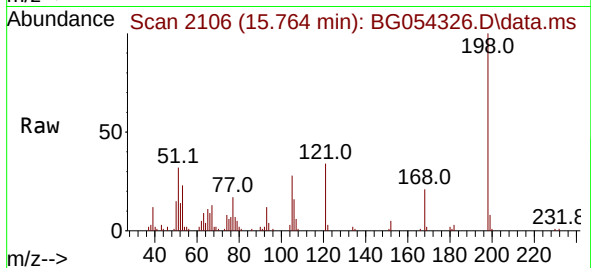




#65  
4,6-Dinitro-2-methylphenol  
Concen: 36.904 ng  
RT: 15.764 min Scan# 2106  
Delta R.T. -0.003 min  
Lab File: BG054326.D  
Acq: 20 Jul 2022 13:44

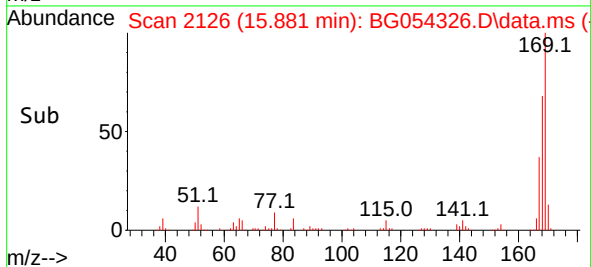
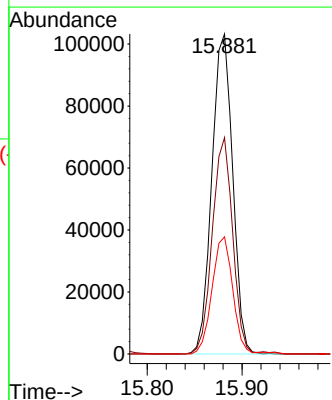
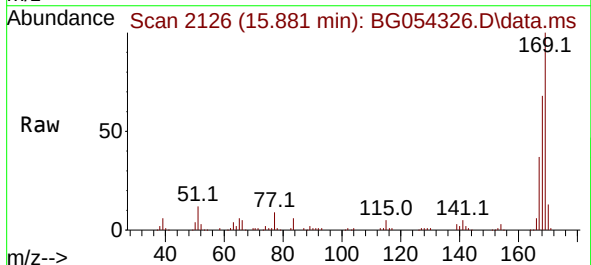
Instrument :  
BNA\_G  
ClientSampleId :  
PB146329BS

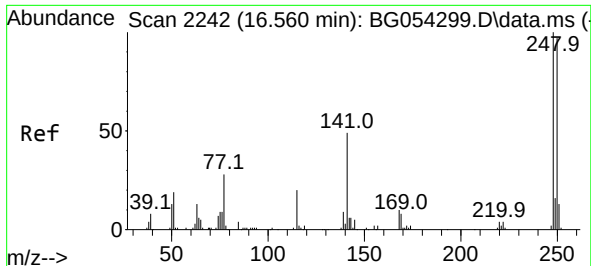
Tgt Ion:198 Resp: 35085  
Ion Ratio Lower Upper  
198 100  
51 31.8 28.1 68.1  
105 27.5 20.3 60.3



#66  
n-Nitrosodiphenylamine  
Concen: 41.151 ng  
RT: 15.881 min Scan# 2126  
Delta R.T. -0.003 min  
Lab File: BG054326.D  
Acq: 20 Jul 2022 13:44

Tgt Ion:169 Resp: 158105  
Ion Ratio Lower Upper  
169 100  
168 67.6 55.9 83.9  
167 36.6 30.6 46.0

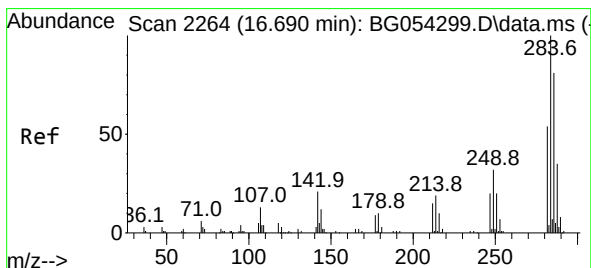
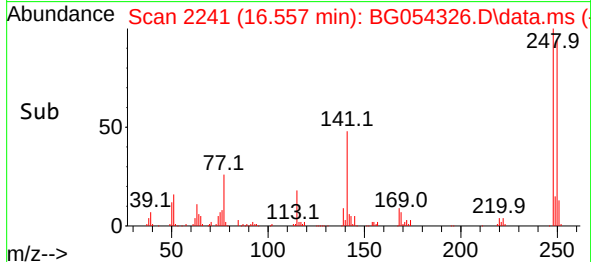
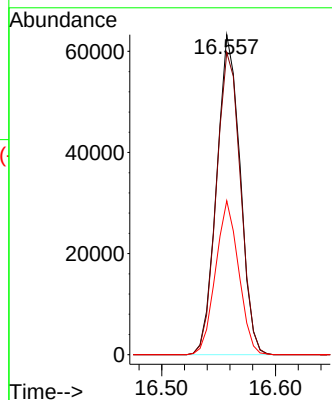
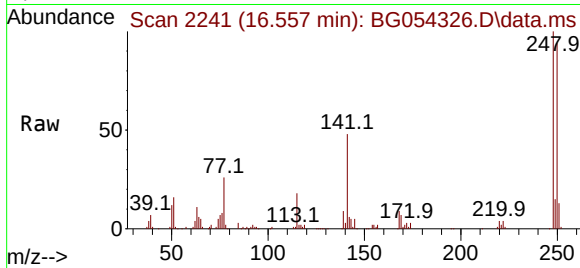




#67  
4-Bromophenyl-phenylether  
Concen: 42.018 ng  
RT: 16.557 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: BG054326.D  
Acq: 20 Jul 2022 13:44

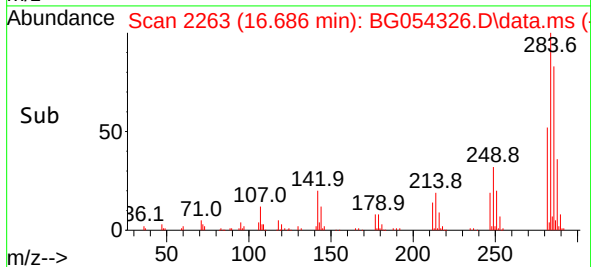
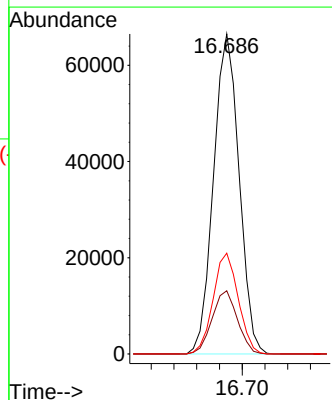
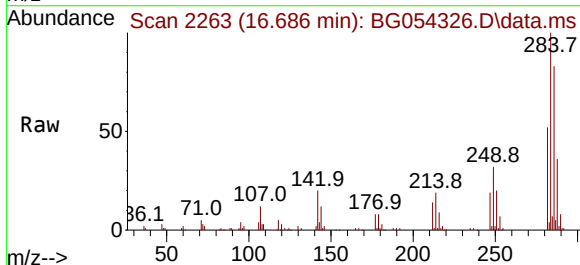
Instrument :  
BNA\_G  
ClientSampleId :  
PB146329BS

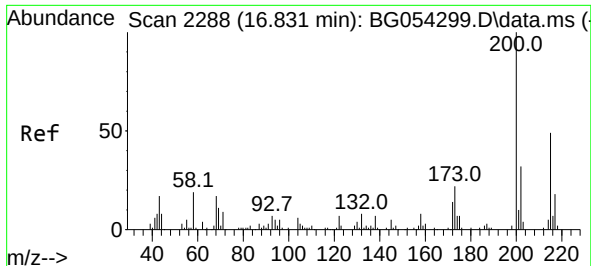
Tgt Ion:248 Resp: 90812  
Ion Ratio Lower Upper  
248 100  
250 94.4 75.2 112.8  
141 48.1 50.0 75.0#



#68  
Hexachlorobenzene  
Concen: 41.950 ng  
RT: 16.686 min Scan# 2263  
Delta R.T. -0.003 min  
Lab File: BG054326.D  
Acq: 20 Jul 2022 13:44

Tgt Ion:284 Resp: 103681  
Ion Ratio Lower Upper  
284 100  
142 19.7 23.6 35.4#  
249 31.5 25.8 38.6

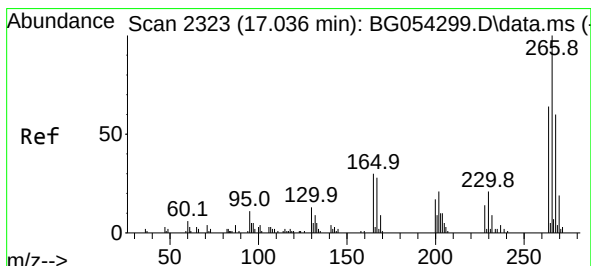
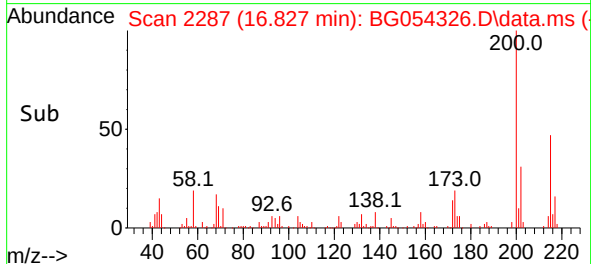
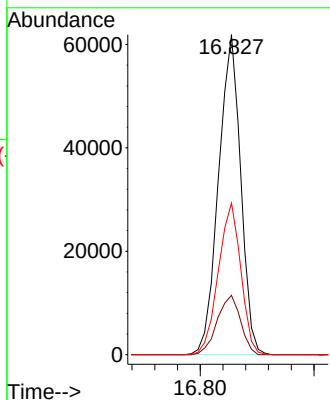
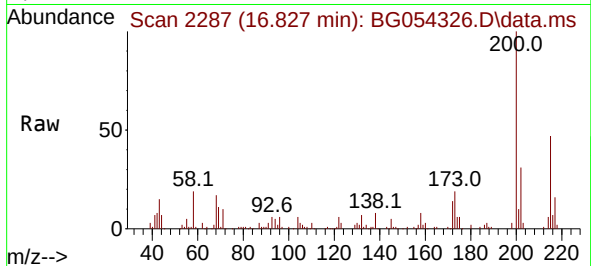




#69  
 Atrazine  
 Concen: 48.884 ng  
 RT: 16.827 min Scan# 21  
 Delta R.T. -0.003 min  
 Lab File: BG054326.D  
 Acq: 20 Jul 2022 13:44

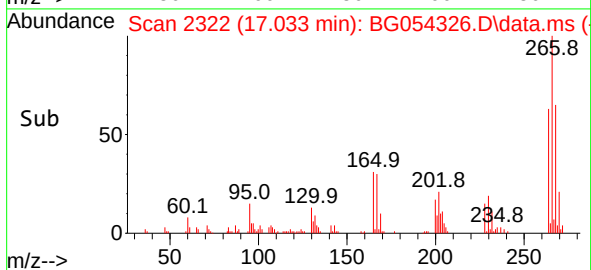
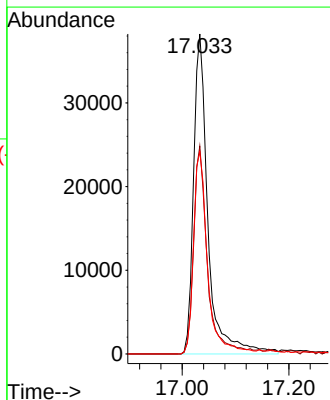
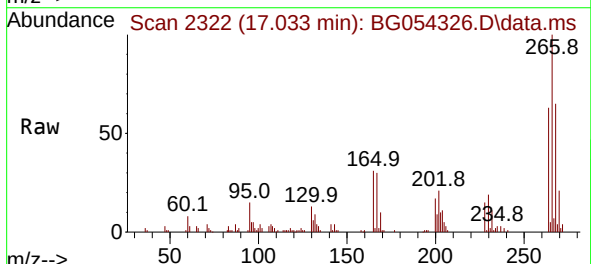
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB146329BS

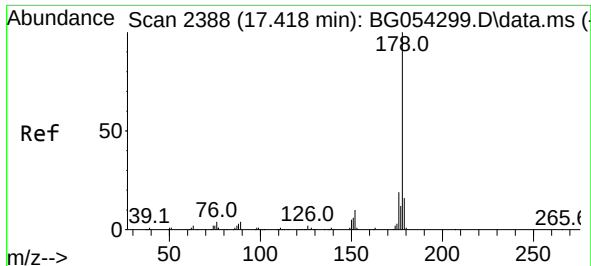
Tgt Ion:200 Resp: 83576  
 Ion Ratio Lower Upper  
 200 100  
 173 18.5 3.7 43.7  
 215 47.4 25.2 65.2



#70  
 Pentachlorophenol  
 Concen: 67.468 ng  
 RT: 17.033 min Scan# 2322  
 Delta R.T. -0.003 min  
 Lab File: BG054326.D  
 Acq: 20 Jul 2022 13:44

Tgt Ion:266 Resp: 71660  
 Ion Ratio Lower Upper  
 266 100  
 268 65.0 56.2 84.2  
 264 63.3 53.0 79.4

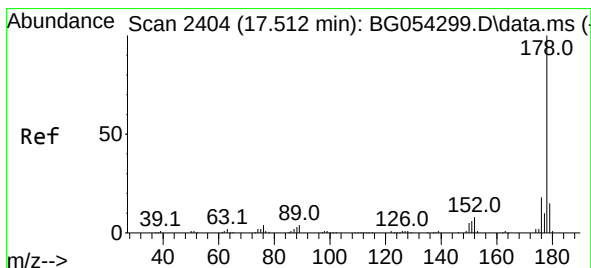
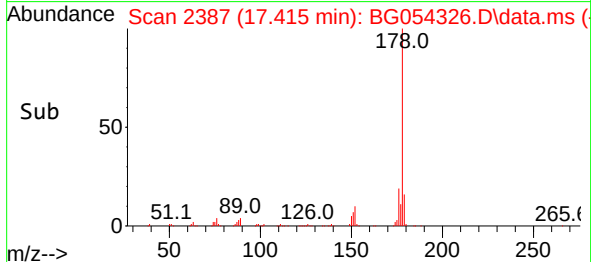
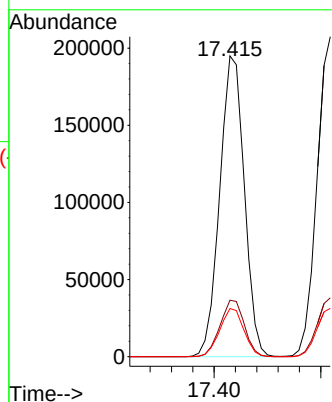
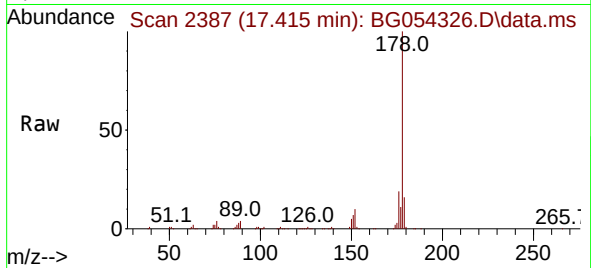




#71  
Phenanthrene  
Concen: 40.696 ng  
RT: 17.415 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: BG054326.D  
Acq: 20 Jul 2022 13:44

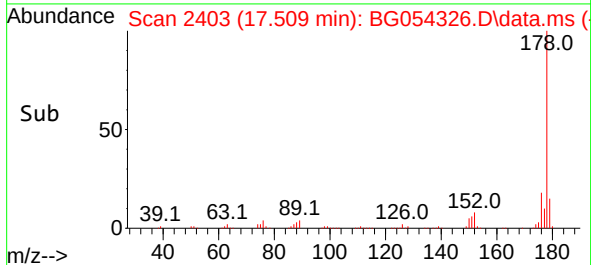
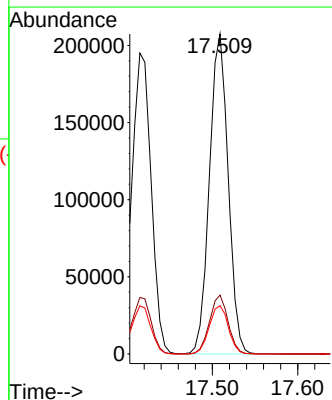
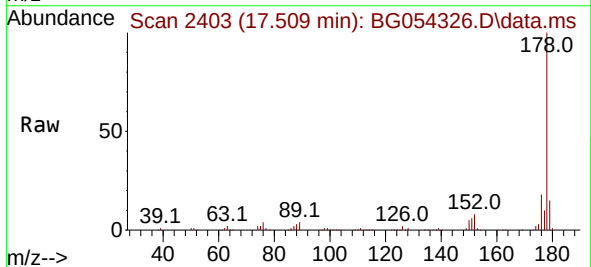
Instrument :  
BNA\_G  
ClientSampleId :  
PB146329BS

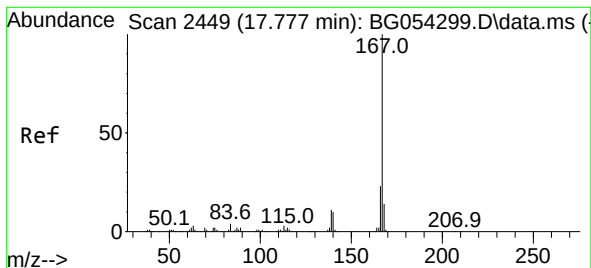
Tgt Ion:178 Resp: 311871  
Ion Ratio Lower Upper  
178 100  
176 18.8 14.1 21.1  
179 16.0 12.1 18.1



#72  
Anthracene  
Concen: 42.128 ng  
RT: 17.509 min Scan# 2403  
Delta R.T. -0.003 min  
Lab File: BG054326.D  
Acq: 20 Jul 2022 13:44

Tgt Ion:178 Resp: 316815  
Ion Ratio Lower Upper  
178 100  
176 18.4 15.2 22.8  
179 15.1 13.0 19.4





#73

Carbazole

Concen: 42.886 ng

RT: 17.773 min Scan# 2448

Delta R.T. -0.003 min

Lab File: BG054326.D

Acq: 20 Jul 2022 13:44

Instrument :

BNA\_G

ClientSampleId :

PB146329BS

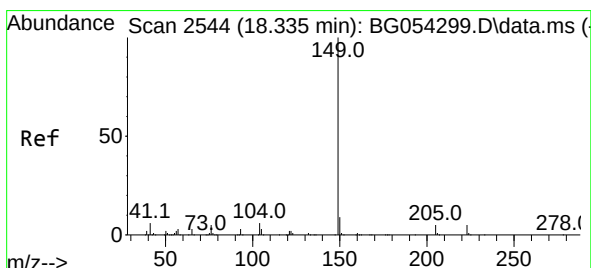
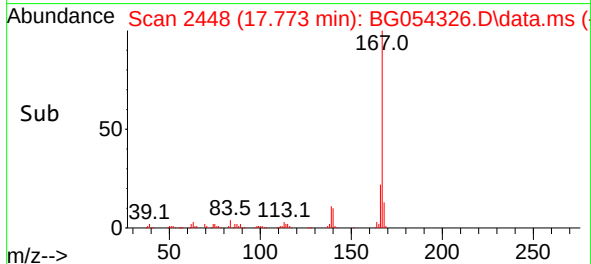
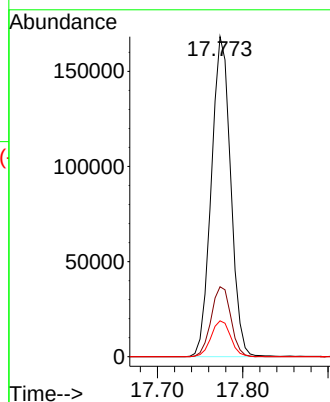
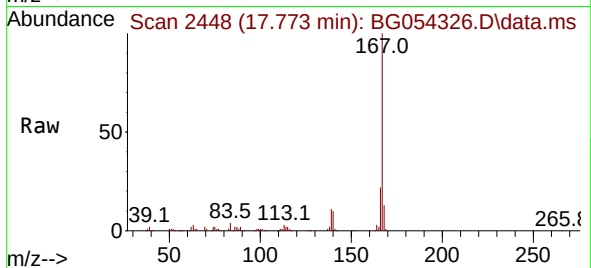
Tgt Ion:167 Resp: 265522

Ion Ratio Lower Upper

167 100

166 21.8 18.2 27.2

139 11.2 10.1 15.1



#74

Di-n-butylphthalate

Concen: 41.556 ng

RT: 18.331 min Scan# 2543

Delta R.T. -0.003 min

Lab File: BG054326.D

Acq: 20 Jul 2022 13:44

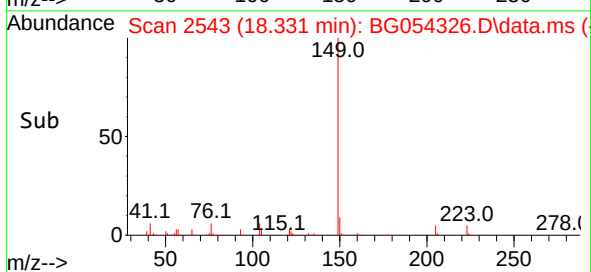
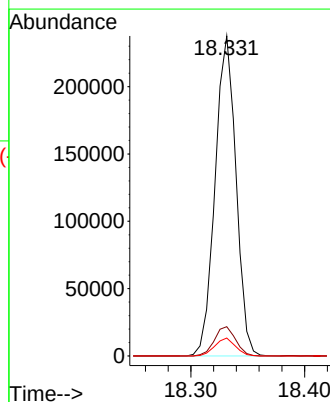
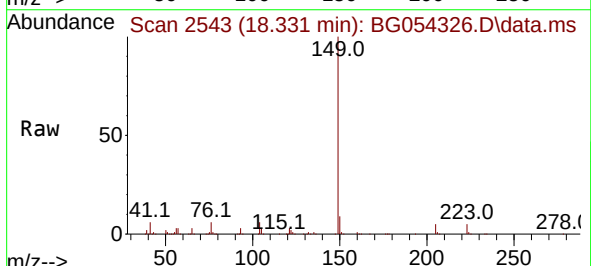
Tgt Ion:149 Resp: 303621

Ion Ratio Lower Upper

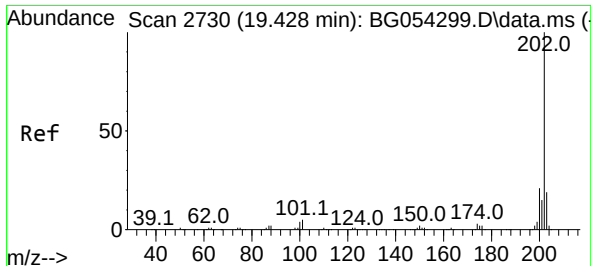
149 100

150 9.1 7.7 11.5

104 5.6 5.4 8.0



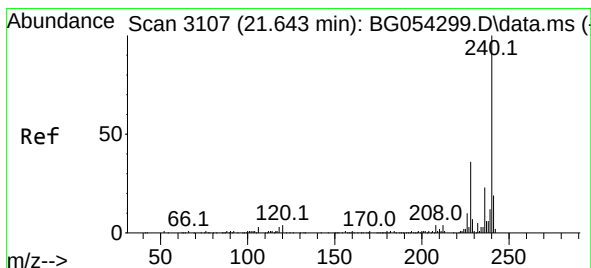
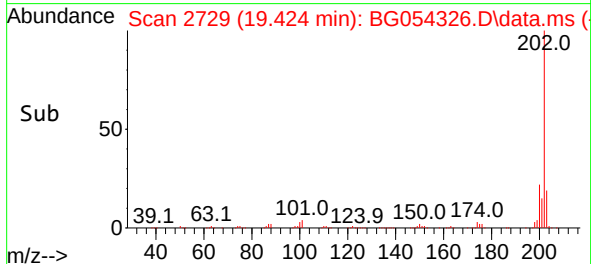
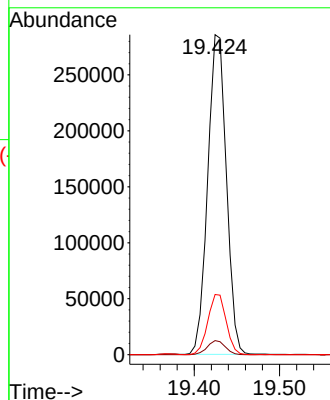
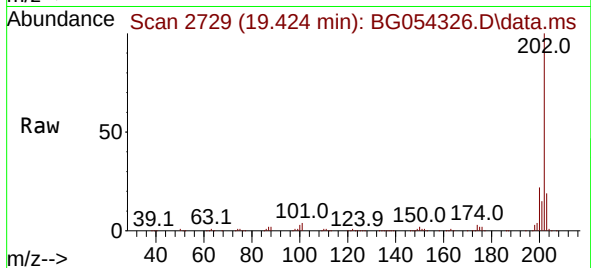




#75  
Fluoranthene  
Concen: 41.550 ng  
RT: 19.424 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: BG054326.D  
Acq: 20 Jul 2022 13:44

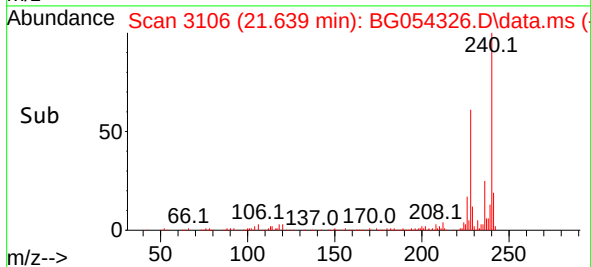
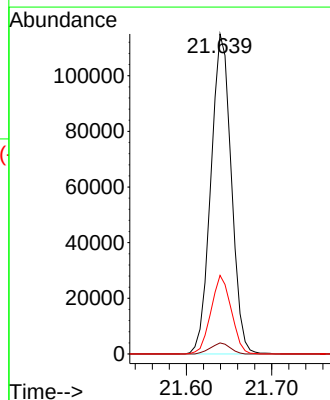
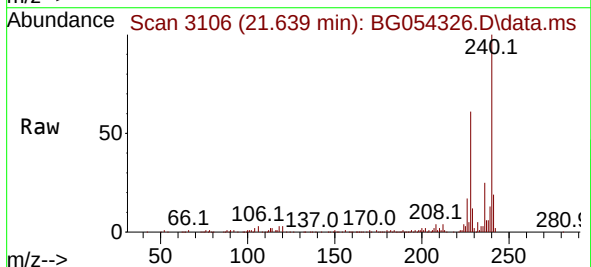
Instrument :  
BNA\_G  
ClientSampleId :  
PB146329BS

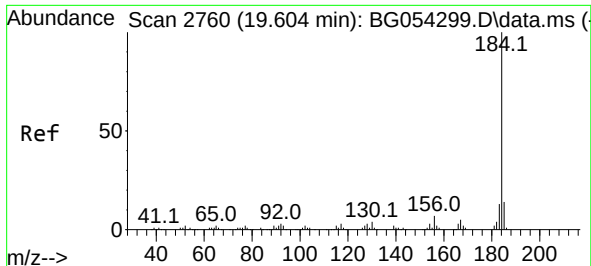
Tgt Ion:202 Resp: 434057  
Ion Ratio Lower Upper  
202 100  
101 4.4 0.0 26.9  
203 18.8 0.0 37.2



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.639 min Scan# 3106  
Delta R.T. -0.004 min  
Lab File: BG054326.D  
Acq: 20 Jul 2022 13:44

Tgt Ion:240 Resp: 190922  
Ion Ratio Lower Upper  
240 100  
120 3.5 4.6 7.0#  
236 24.6 20.2 30.4

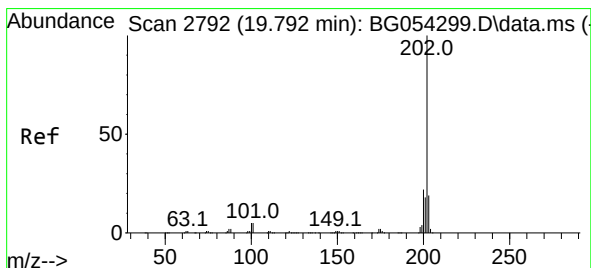
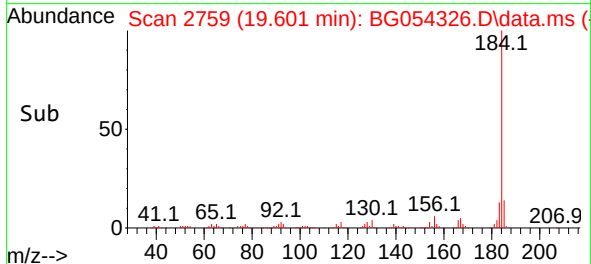
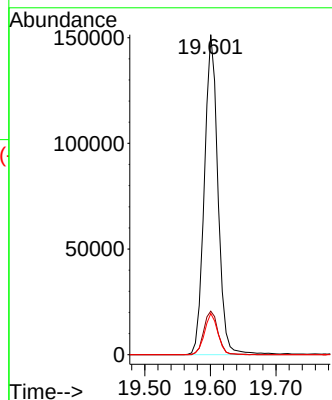
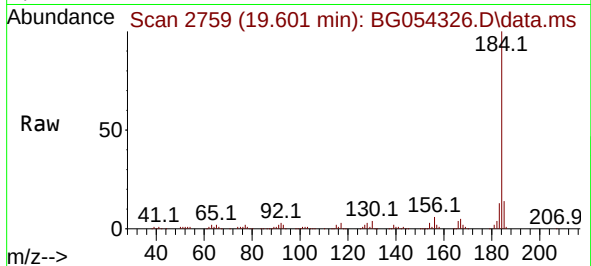




#77  
Benzidine  
Concen: 63.242 ng  
RT: 19.601 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: BG054326.D  
Acq: 20 Jul 2022 13:44

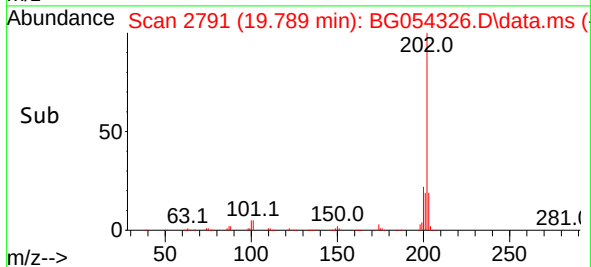
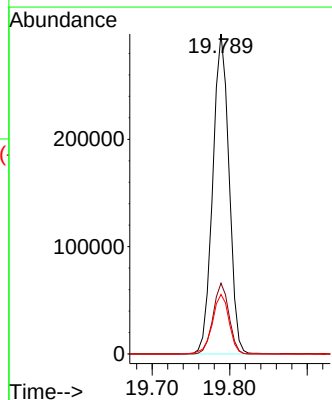
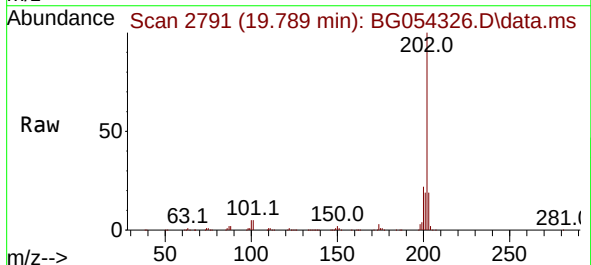
Instrument :  
BNA\_G  
ClientSampleId :  
PB146329BS

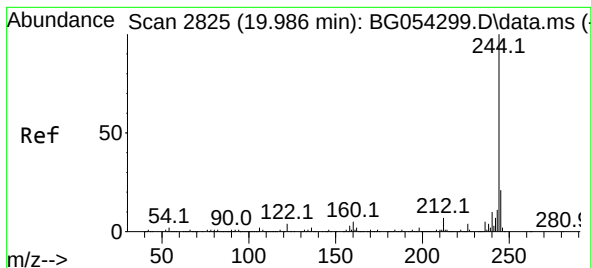
Tgt Ion:184 Resp: 218676  
Ion Ratio Lower Upper  
184 100  
185 13.6 11.8 17.6  
183 12.9 8.9 13.3



#78  
Pyrene  
Concen: 39.659 ng  
RT: 19.789 min Scan# 2791  
Delta R.T. -0.003 min  
Lab File: BG054326.D  
Acq: 20 Jul 2022 13:44

Tgt Ion:202 Resp: 434462  
Ion Ratio Lower Upper  
202 100  
200 22.1 16.6 24.8  
203 18.6 14.6 21.8





#79

Terphenyl-d14

Concen: 81.143 ng

RT: 19.982 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG054326.D

Acq: 20 Jul 2022 13:44

Instrument :

BNA\_G

ClientSampleId :

PB146329BS

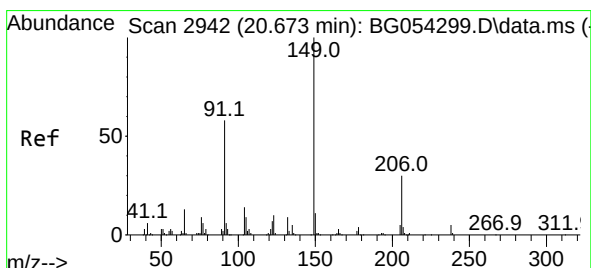
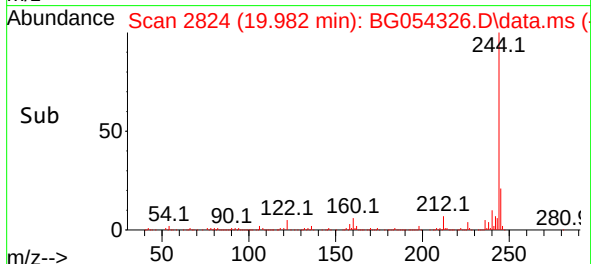
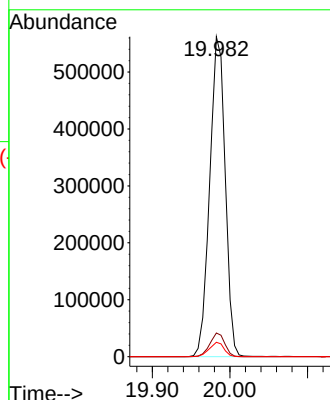
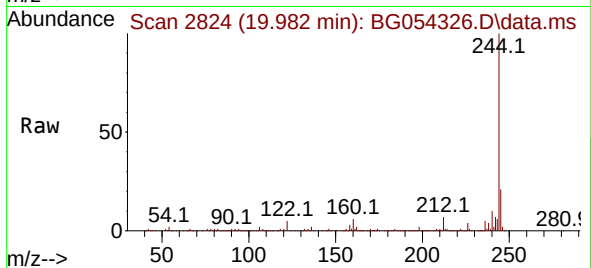
Tgt Ion:244 Resp: 780923

Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

122 4.5 5.0 7.4#



#80

Butylbenzylphthalate

Concen: 39.729 ng

RT: 20.670 min Scan# 2941

Delta R.T. -0.003 min

Lab File: BG054326.D

Acq: 20 Jul 2022 13:44

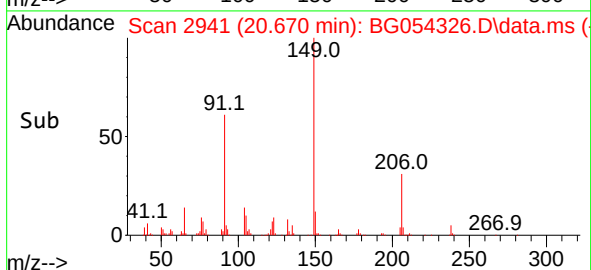
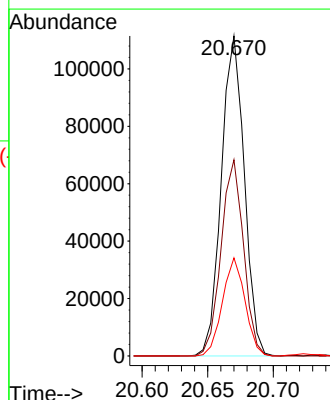
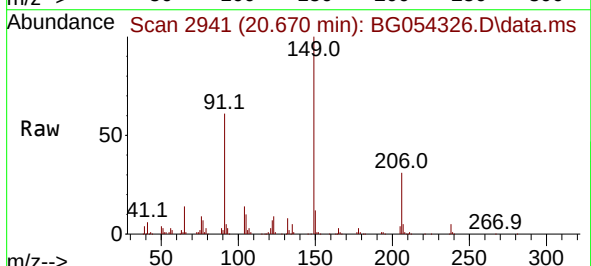
Tgt Ion:149 Resp: 135632

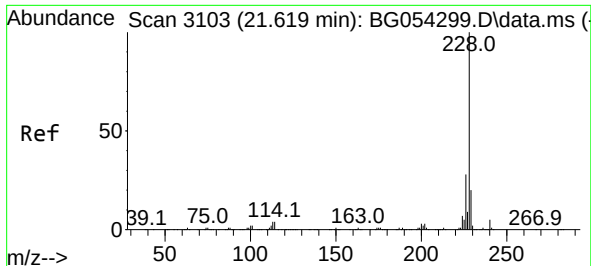
Ion Ratio Lower Upper

149 100

91 61.3 59.6 89.4

206 30.7 18.6 28.0#

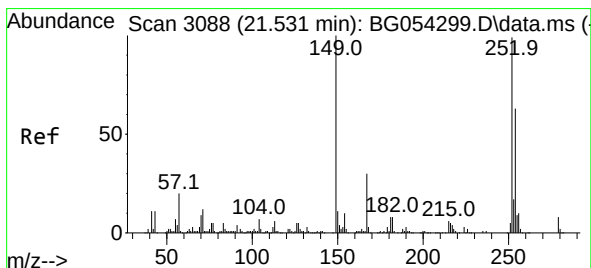
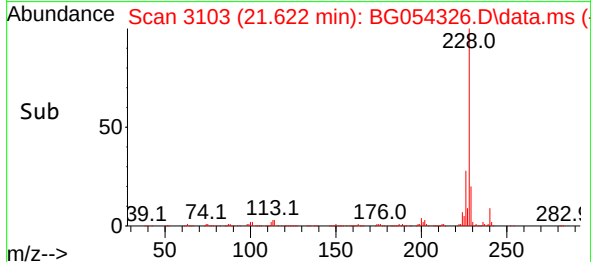
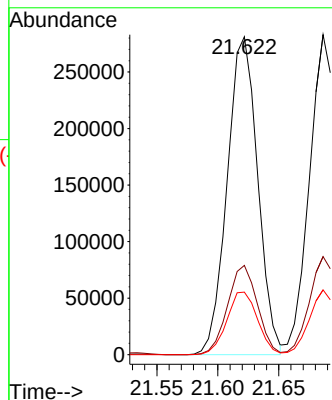
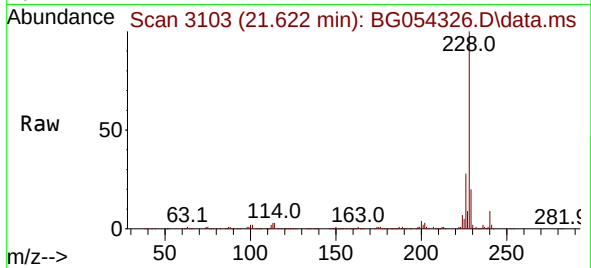




#81  
Benzo(a)anthracene  
Concen: 40.404 ng  
RT: 21.622 min Scan# 3103  
Delta R.T. 0.003 min  
Lab File: BG054326.D  
Acq: 20 Jul 2022 13:44

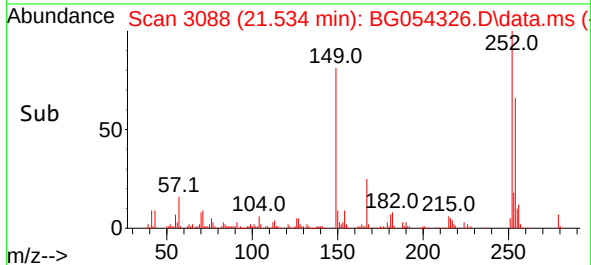
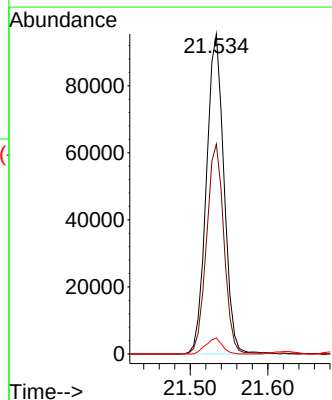
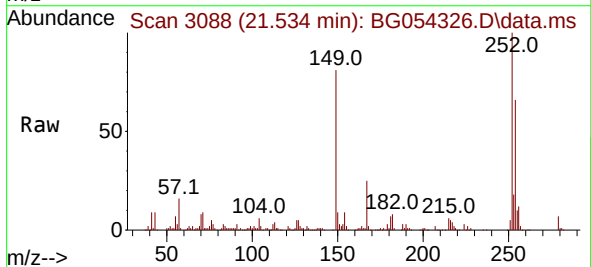
Instrument :  
BNA\_G  
ClientSampleId :  
PB146329BS

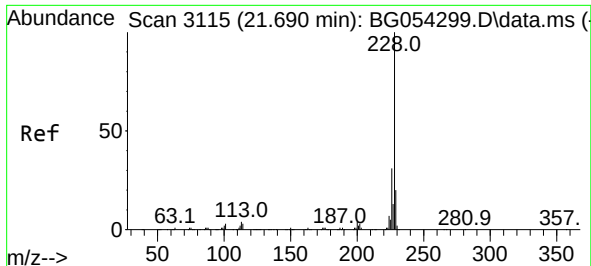
Tgt Ion:228 Resp: 489682  
Ion Ratio Lower Upper  
228 100  
226 28.1 21.6 32.4  
229 19.7 16.2 24.2



#82  
3,3'-Dichlorobenzidine  
Concen: 39.867 ng  
RT: 21.534 min Scan# 3088  
Delta R.T. 0.003 min  
Lab File: BG054326.D  
Acq: 20 Jul 2022 13:44

Tgt Ion:252 Resp: 150267  
Ion Ratio Lower Upper  
252 100  
254 65.6 49.8 74.8  
126 5.0 6.0 9.0

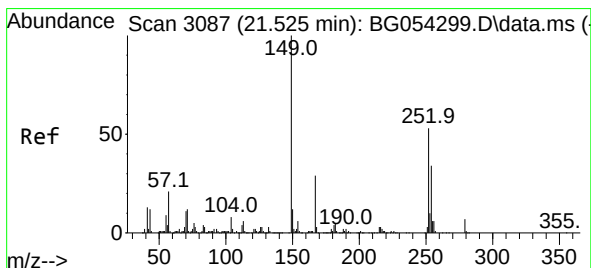
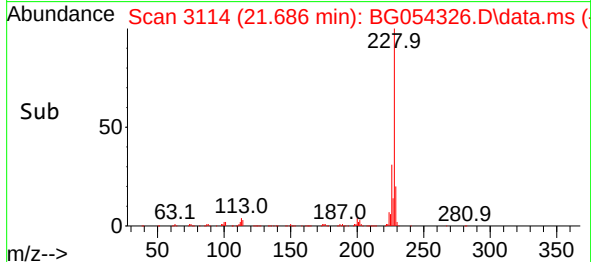
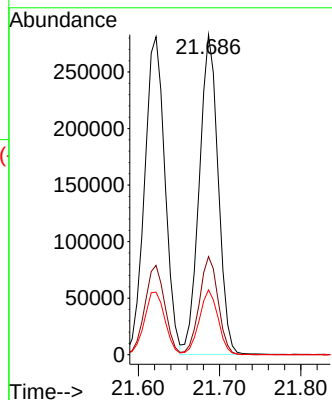
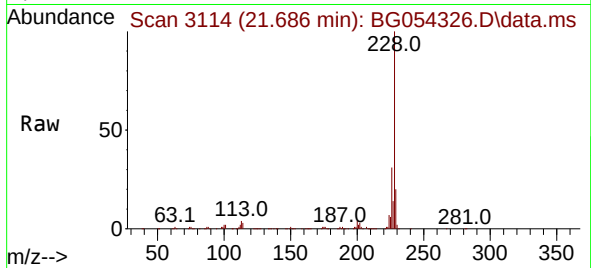




#83  
Chrysene  
Concen: 39.870 ng  
RT: 21.686 min Scan# 3115  
Delta R.T. -0.003 min  
Lab File: BG054326.D  
Acq: 20 Jul 2022 13:44

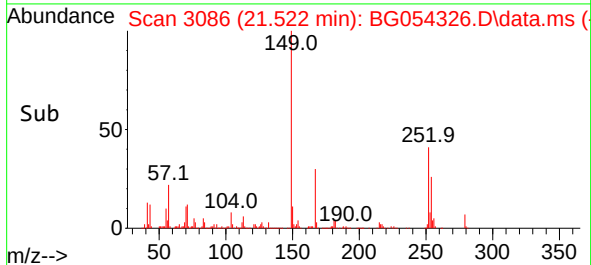
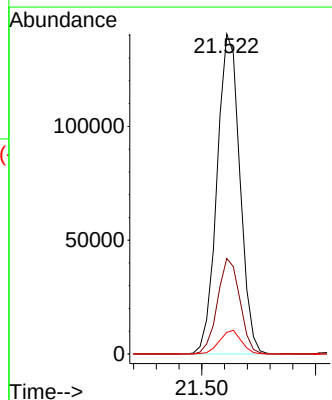
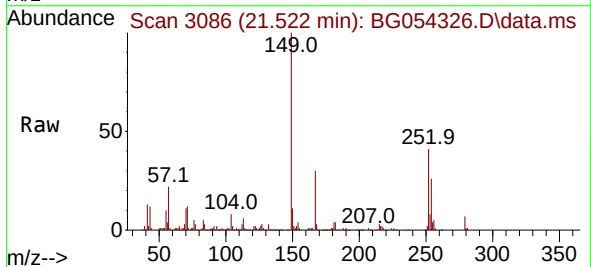
Instrument :  
BNA\_G  
ClientSampleId :  
PB146329BS

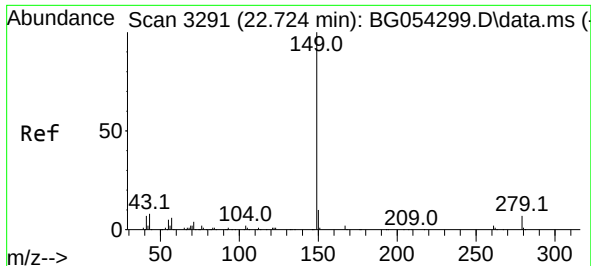
Tgt Ion:228 Resp: 456525  
Ion Ratio Lower Upper  
228 100  
226 30.7 23.4 35.2  
229 20.3 15.5 23.3



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 40.618 ng  
RT: 21.522 min Scan# 3086  
Delta R.T. -0.003 min  
Lab File: BG054326.D  
Acq: 20 Jul 2022 13:44

Tgt Ion:149 Resp: 196215  
Ion Ratio Lower Upper  
149 100  
167 29.9 20.2 30.4  
279 6.8 3.6 5.4#

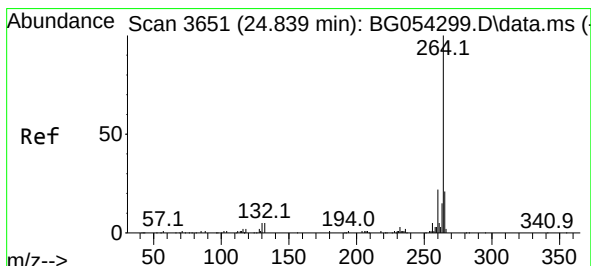
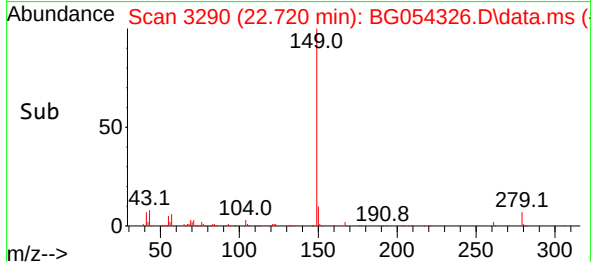
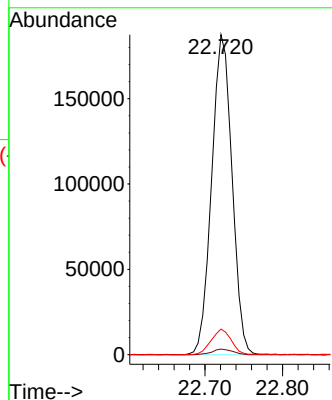
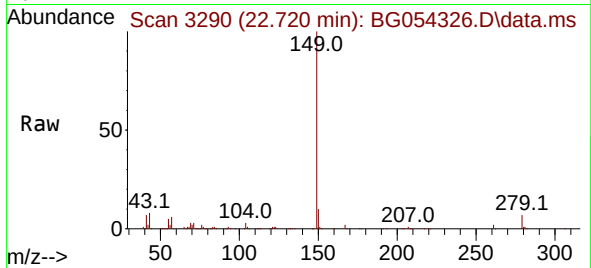




#85  
Di-n-octyl phthalate  
Concen: 41.530 ng  
RT: 22.720 min Scan# 31  
Delta R.T. -0.003 min  
Lab File: BG054326.D  
Acq: 20 Jul 2022 13:44

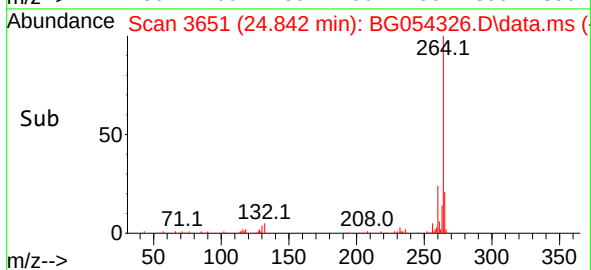
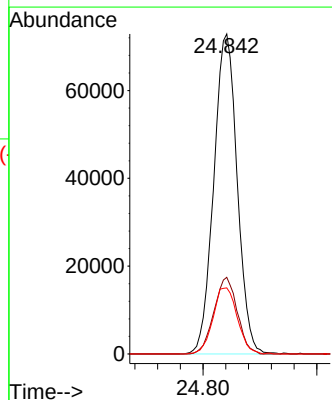
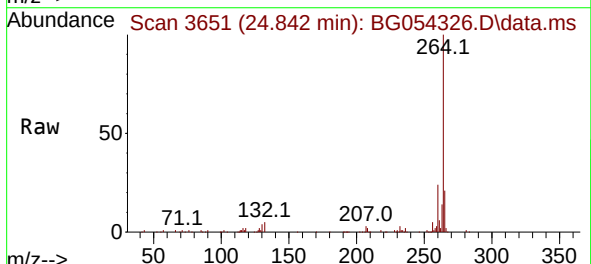
Instrument :  
BNA\_G  
ClientSampleId :  
PB146329BS

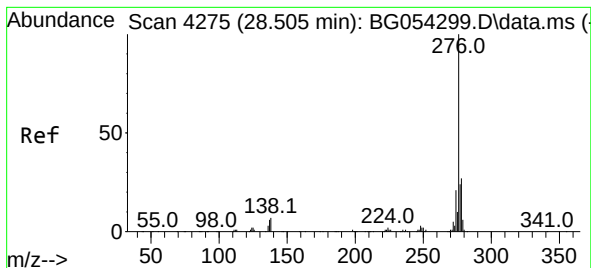
Tgt Ion:149 Resp: 342252  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.3 1.9  
43 7.9 9.0 13.4#



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.842 min Scan# 3651  
Delta R.T. 0.003 min  
Lab File: BG054326.D  
Acq: 20 Jul 2022 13:44

Tgt Ion:264 Resp: 208421  
Ion Ratio Lower Upper  
264 100  
260 23.9 19.0 28.6  
265 20.7 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.749 ng

RT: 28.508 min Scan# 41

Delta R.T. 0.003 min

Lab File: BG054326.D

Acq: 20 Jul 2022 13:44

Instrument :

BNA\_G

ClientSampleId :

PB146329BS

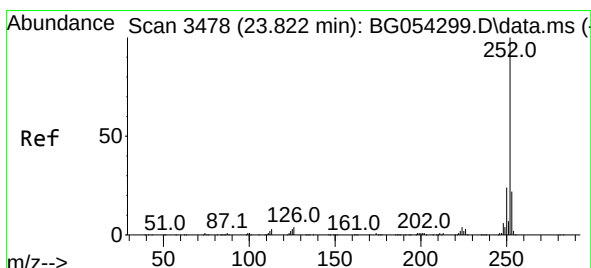
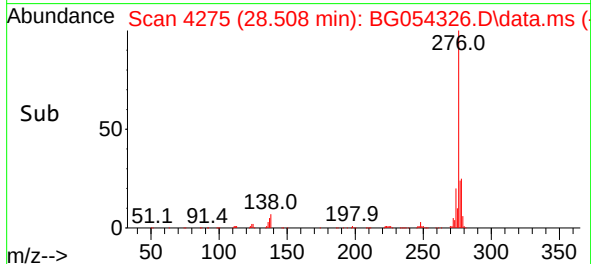
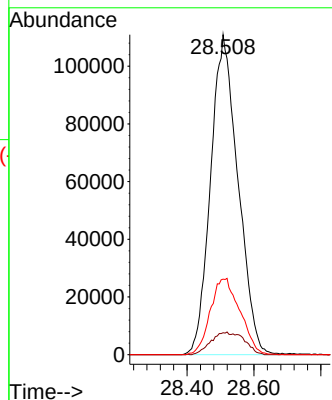
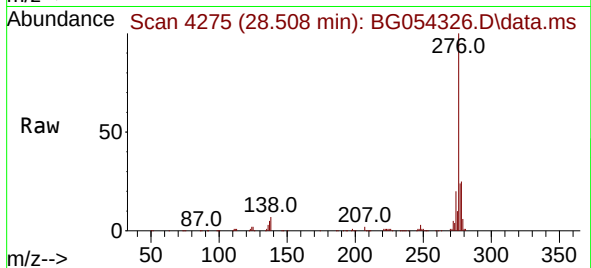
Tgt Ion:276 Resp: 630242

Ion Ratio Lower Upper

276 100

138 8.6 5.0 7.4#

277 25.8 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 44.498 ng

RT: 23.825 min Scan# 3478

Delta R.T. 0.003 min

Lab File: BG054326.D

Acq: 20 Jul 2022 13:44

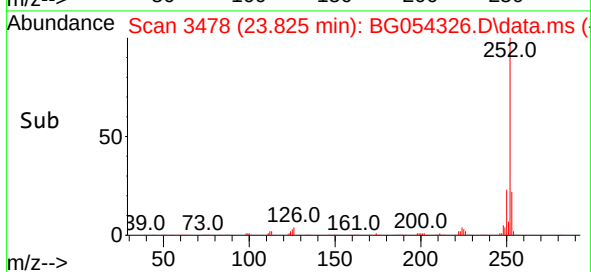
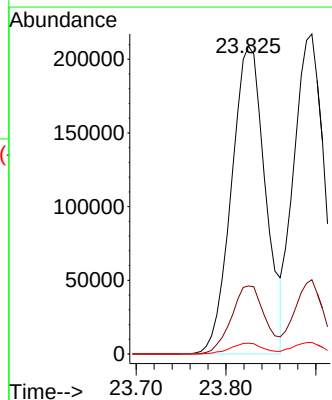
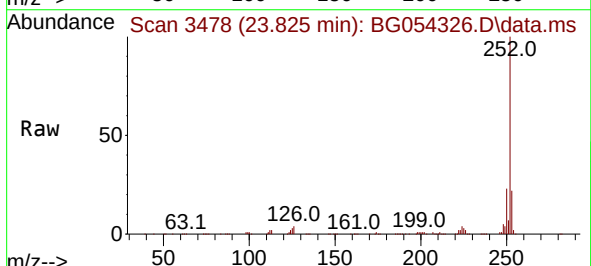
Tgt Ion:252 Resp: 548478

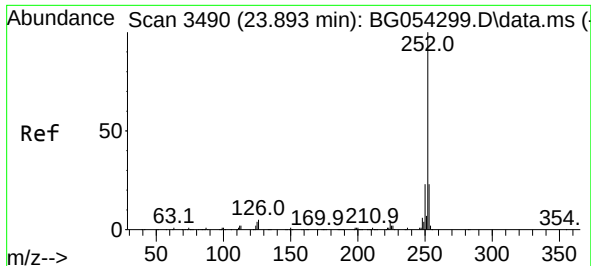
Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

125 3.5 4.6 6.8#

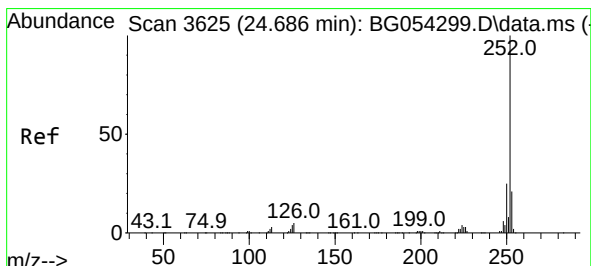
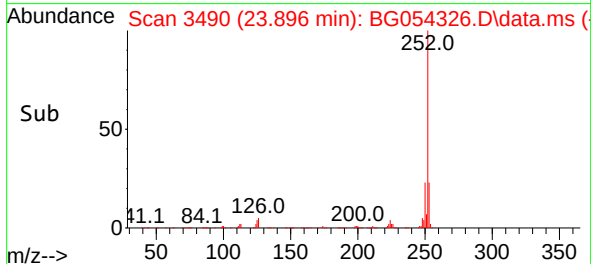
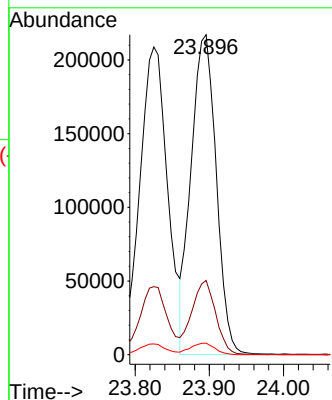
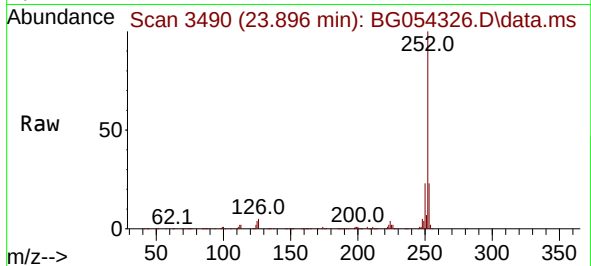




#89  
Benzo(k)fluoranthene  
Concen: 41.569 ng  
RT: 23.896 min Scan# 3490  
Delta R.T. 0.003 min  
Lab File: BG054326.D  
Acq: 20 Jul 2022 13:44

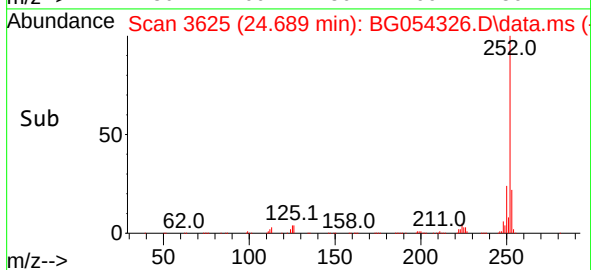
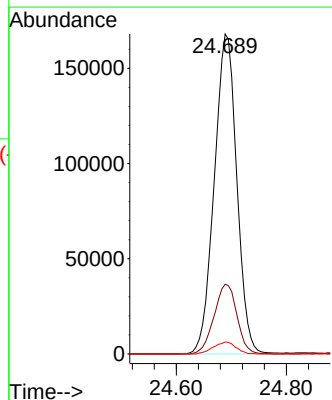
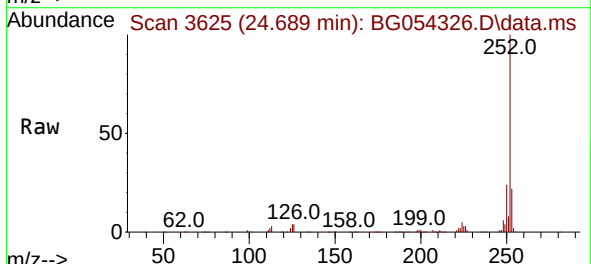
Instrument :  
BNA\_G  
ClientSampleId :  
PB146329BS

Tgt Ion:252 Resp: 509923  
Ion Ratio Lower Upper  
252 100  
253 23.2 18.4 27.6  
125 3.6 4.8 7.2#

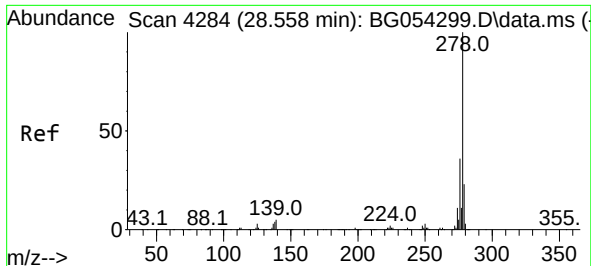


#90  
Benzo(a)pyrene  
Concen: 45.331 ng  
RT: 24.689 min Scan# 3625  
Delta R.T. 0.003 min  
Lab File: BG054326.D  
Acq: 20 Jul 2022 13:44

Tgt Ion:252 Resp: 477168  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.8 26.8  
125 3.8 4.3 6.5#



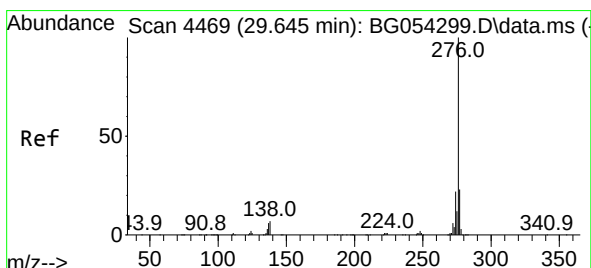
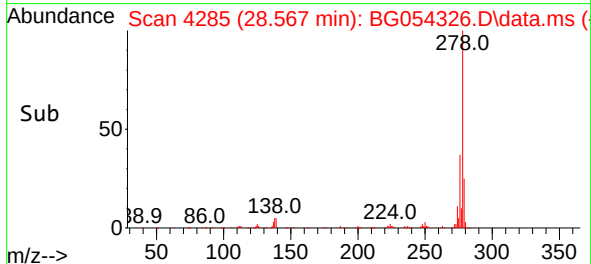
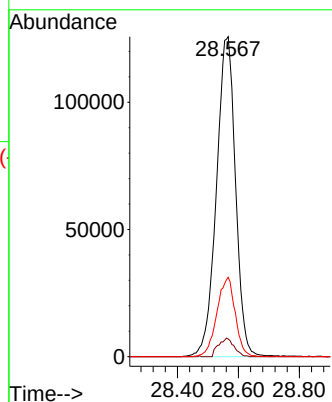
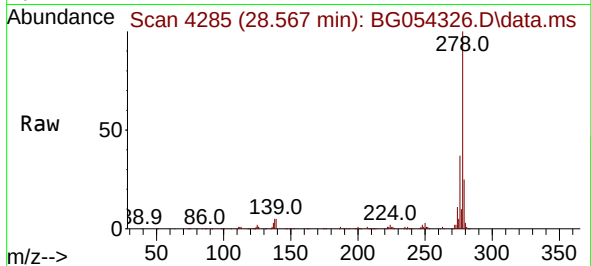




#91  
 Dibenzo(a,h)anthracene  
 Concen: 42.021 ng  
 RT: 28.567 min Scan# 41  
 Delta R.T. 0.008 min  
 Lab File: BG054326.D  
 Acq: 20 Jul 2022 13:44

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB146329BS

Tgt Ion:278 Resp: 547856  
 Ion Ratio Lower Upper  
 278 100  
 139 5.5 7.2 10.8#  
 279 24.8 18.6 27.8



#92  
 Benzo(g,h,i)perylene  
 Concen: 41.715 ng  
 RT: 29.648 min Scan# 4469  
 Delta R.T. 0.003 min  
 Lab File: BG054326.D  
 Acq: 20 Jul 2022 13:44

Tgt Ion:276 Resp: 536789  
 Ion Ratio Lower Upper  
 276 100  
 277 24.1 17.3 25.9  
 138 7.4 9.6 14.4#

