

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG090122\  
 Data File : BG054819.D  
 Acq On : 1 Sep 2022 12:38  
 Operator : CG/JU  
 Sample : PB147322BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB147322BS

Quant Time: Sep 01 14:34:09 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 25 17:50:55 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.146  | 152  | 41386    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.972 | 136  | 176314   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.786 | 164  | 118467   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.529 | 188  | 270795   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.824 | 240  | 255046   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 25.191 | 264  | 273886   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.684  | 112  | 333812   | 140.455 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.300  | 99   | 442835   | 136.246 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.321  | 82   | 262483   | 78.153  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.272 | 330  | 201878   | 136.374 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.405 | 172  | 625029   | 79.299  | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.126 | 244  | 1102674  | 85.664  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.528  | 88   | 36587    | 32.239  | ng    | 98       |
| 3) Pyridine                   | 3.934  | 79   | 101574   | 32.089  | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.851  | 42   | 55140    | 40.297  | ng    | 98       |
| 6) Aniline                    | 7.465  | 93   | 162091   | 41.973  | ng    | 100      |
| 8) 2-Chlorophenol             | 7.711  | 128  | 131737   | 50.734  | ng    | 97       |
| 9) Benzaldehyde               | 7.277  | 77   | 43154    | 20.258  | ng    | 94       |
| 10) Phenol                    | 7.324  | 94   | 163474   | 48.907  | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.559  | 93   | 118852   | 44.212  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 8.035  | 146  | 137555   | 45.777  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 8.182  | 146  | 137426   | 45.340  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 8.505  | 146  | 134867   | 46.926  | ng    | 99       |
| 15) Benzyl Alcohol            | 8.381  | 79   | 113907   | 48.510  | ng    | 96       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.675  | 45   | 178835   | 42.515  | ng    | 99       |
| 17) 2-Methylphenol            | 8.587  | 107  | 114063   | 49.563  | ng    | 97       |
| 18) Hexachloroethane          | 9.239  | 117  | 48223    | 43.875  | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 8.951  | 70   | 98108    | 43.894  | ng    | 98       |
| 20) 3+4-Methylphenols         | 8.916  | 107  | 154868   | 48.529  | ng    | 95       |
| 22) Acetophenone              | 8.975  | 105  | 190909   | 43.280  | ng    | 98       |
| 24) Nitrobenzene              | 9.362  | 77   | 139767   | 41.287  | ng    | 98       |
| 25) Isophorone                | 9.885  | 82   | 271317   | 43.325  | ng    | 98       |
| 26) 2-Nitrophenol             | 10.079 | 139  | 71254    | 47.650  | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 10.126 | 122  | 126236   | 53.281  | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 10.367 | 93   | 162818   | 45.627  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.614 | 162  | 127105   | 47.166  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 10.831 | 180  | 132494   | 43.023  | ng    | 96       |
| 31) Naphthalene               | 11.025 | 128  | 397069   | 41.975  | ng    | 99       |
| 32) Benzoic acid              | 10.291 | 122  | 37068    | 26.155  | ng    | 96       |
| 33) 4-Chloroaniline           | 11.131 | 127  | 120563   | 31.262  | ng    | 98       |
| 34) Hexachlorobutadiene       | 11.301 | 225  | 86056    | 43.614  | ng    | 99       |
| 35) Caprolactam               | 11.907 | 113  | 21682    | 22.806  | ng    | 95       |
| 36) 4-Chloro-3-methylphenol   | 12.241 | 107  | 136952   | 46.473  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 12.623 | 142  | 282179   | 42.560  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.841 | 142  | 269572   | 41.790  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.982 | 216  | 158848   | 44.481  | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 12.958 | 237  | 185652   | 98.027  | ng    | 97       |
| 43) 2,4,6-Trichlorophenol     | 13.223 | 196  | 104609   | 44.133  | ng    | 100      |

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 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

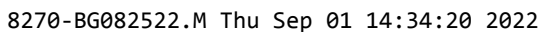
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 BNA\_G  
 ClientSampleId :  
 PB147322BS

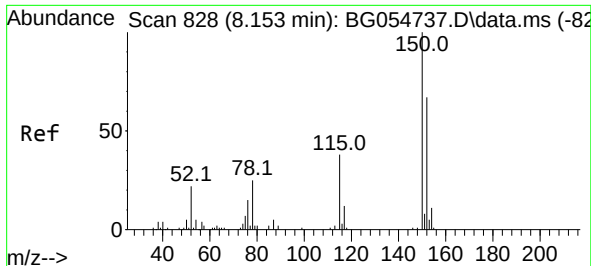
Quant Time: Sep 01 14:34:09 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 25 17:50:55 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.293 | 196  | 115826   | 43.511 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.616 | 154  | 383942   | 43.643 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.669 | 162  | 283028   | 42.362 | ng    | 98       |
| 48) 2-Nitroaniline            | 13.869 | 65   | 88367    | 42.203 | ng    | 93       |
| 49) Acenaphthylene            | 14.509 | 152  | 472710   | 42.875 | ng    | 99       |
| 50) Dimethylphthalate         | 14.233 | 163  | 386076   | 42.301 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.357 | 165  | 84131    | 45.067 | ng    | 88       |
| 52) Acenaphthene              | 14.850 | 154  | 279240   | 39.429 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.686 | 138  | 69970    | 33.482 | ng    | 93       |
| 54) 2,4-Dinitrophenol         | 14.891 | 184  | 86413    | 81.852 | ng    | 95       |
| 55) Dibenzofuran              | 15.179 | 168  | 447201   | 42.973 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.991 | 139  | 145962   | 90.256 | ng    | 94       |
| 57) 2,4-Dinitrotoluene        | 15.138 | 165  | 120767   | 46.771 | ng    | 89       |
| 58) Fluorene                  | 15.826 | 166  | 372169   | 42.452 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 15.402 | 232  | 101968   | 42.494 | ng    | 99       |
| 60) Diethylphthalate          | 15.585 | 149  | 386231   | 42.379 | ng    | 97       |
| 61) 4-Chlorophenyl-phenyle... | 15.814 | 204  | 193424   | 44.724 | ng    | 98       |
| 62) 4-Nitroaniline            | 15.855 | 138  | 92425    | 43.319 | ng    | 93       |
| 63) Azobenzene                | 16.108 | 77   | 345819   | 39.927 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 15.902 | 198  | 62262    | 45.169 | ng    | 99       |
| 66) n-Nitrosodiphenylamine    | 16.031 | 169  | 339423   | 43.464 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 16.713 | 248  | 136599   | 45.945 | ng    | 98       |
| 68) Hexachlorobenzene         | 16.830 | 284  | 153805   | 46.018 | ng    | 96       |
| 69) Atrazine                  | 16.971 | 200  | 131202   | 47.623 | ng    | 99       |
| 70) Pentachlorophenol         | 17.177 | 266  | 155395   | 85.571 | ng    | 99       |
| 71) Phenanthrene              | 17.571 | 178  | 614331   | 42.587 | ng    | 99       |
| 72) Anthracene                | 17.665 | 178  | 621850   | 44.339 | ng    | 99       |
| 73) Carbazole                 | 17.929 | 167  | 581355   | 44.990 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.475 | 149  | 696035   | 42.568 | ng    | 99       |
| 75) Fluoranthene              | 19.580 | 202  | 769061   | 43.825 | ng    | 98       |
| 77) Benzidine                 | 19.756 | 184  | 373630   | 59.145 | ng    | 99       |
| 78) Pyrene                    | 19.938 | 202  | 771885   | 43.403 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.808 | 149  | 309116   | 41.671 | ng    | 97       |
| 81) Benzo(a)anthracene        | 21.801 | 228  | 745176   | 43.092 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.713 | 252  | 236386   | 38.988 | ng    | 99       |
| 83) Chrysene                  | 21.871 | 228  | 707611   | 42.796 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.683 | 149  | 451474   | 42.243 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 22.947 | 149  | 754257   | 41.615 | ng    | # 94     |
| 87) Indeno(1,2,3-cd)pyrene    | 29.069 | 276  | 882479   | 42.442 | ng    | # 93     |
| 88) Benzo(b)fluoranthene      | 24.116 | 252  | 778789   | 45.328 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 24.186 | 252  | 764559   | 44.217 | ng    | 98       |
| 90) Benzo(a)pyrene            | 25.032 | 252  | 691621   | 47.117 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 29.145 | 278  | 763255   | 45.058 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 30.297 | 276  | 764253   | 44.659 | ng    | 96       |

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

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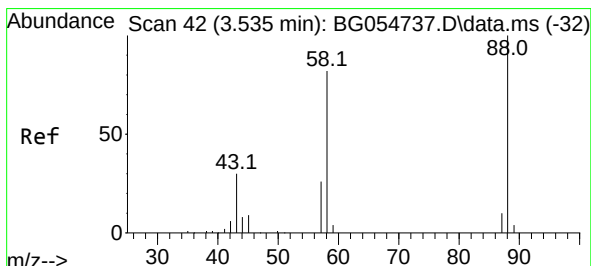
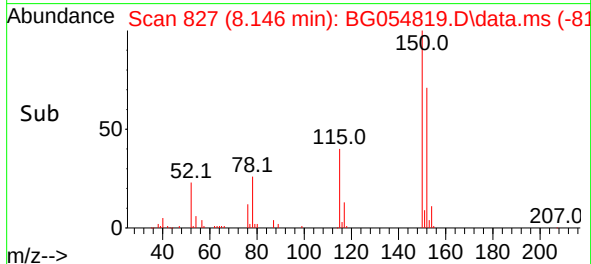
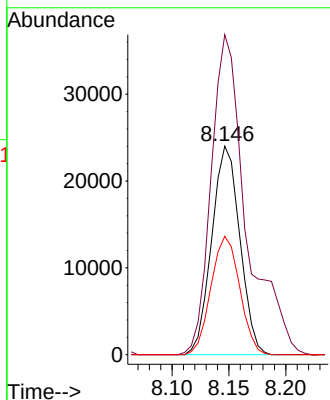
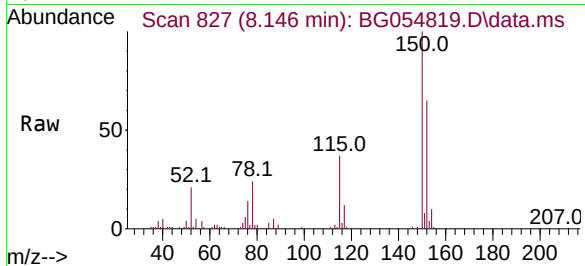




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.146 min Scan# 81  
 Delta R.T. -0.007 min  
 Lab File: BG054819.D  
 Acq: 1 Sep 2022 12:38

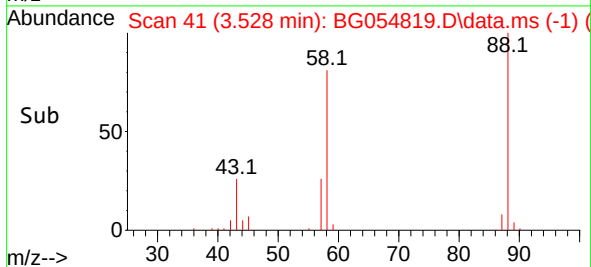
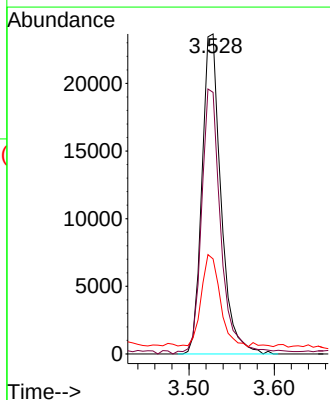
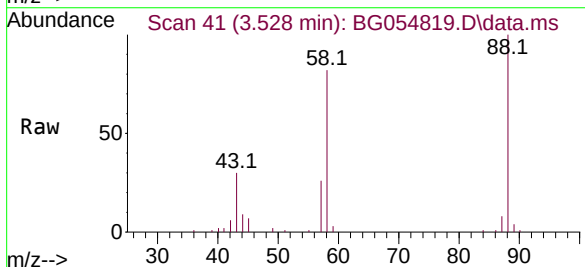
Instrument :  
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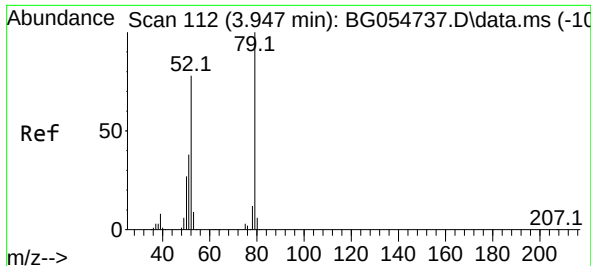
Tgt Ion:152 Resp: 41386  
 Ion Ratio Lower Upper  
 152 100  
 150 153.5 125.2 187.8  
 115 56.8 47.9 71.9



#2  
 1,4-Dioxane  
 Concen: 32.239 ng  
 RT: 3.528 min Scan# 41  
 Delta R.T. -0.007 min  
 Lab File: BG054819.D  
 Acq: 1 Sep 2022 12:38

Tgt Ion: 88 Resp: 36587  
 Ion Ratio Lower Upper  
 88 100  
 58 85.0 65.9 98.9  
 43 28.8 22.7 34.1

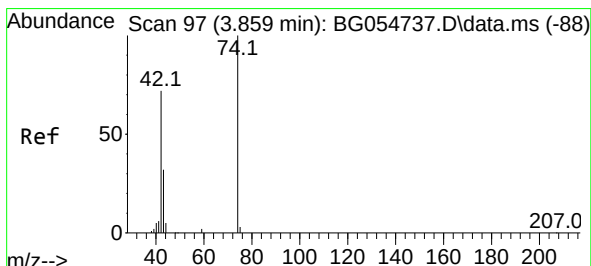
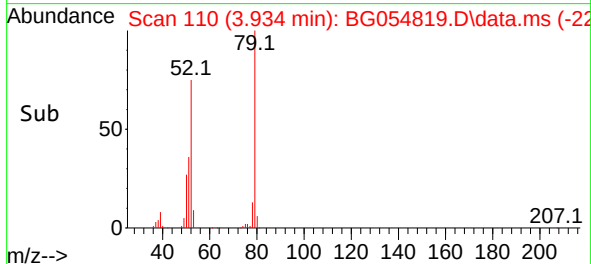
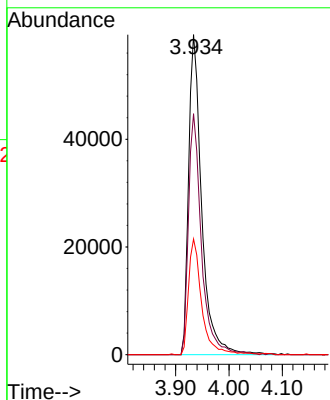
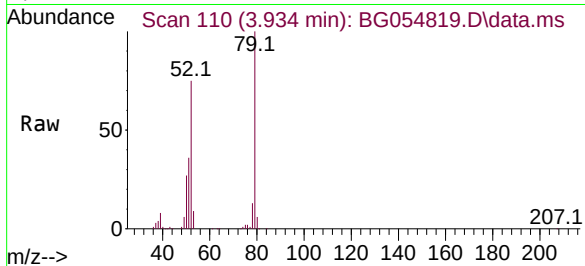




#3  
Pyridine  
Concen: 32.089 ng  
RT: 3.934 min Scan# 11  
Delta R.T. -0.013 min  
Lab File: BG054819.D  
Acq: 1 Sep 2022 12:38

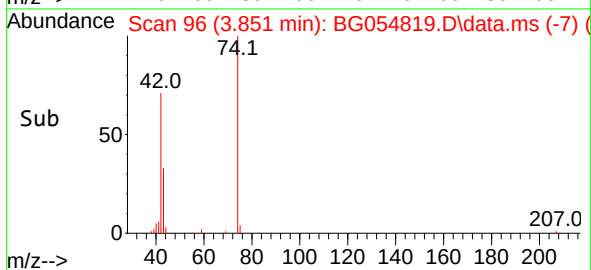
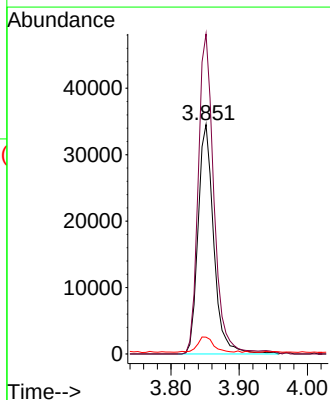
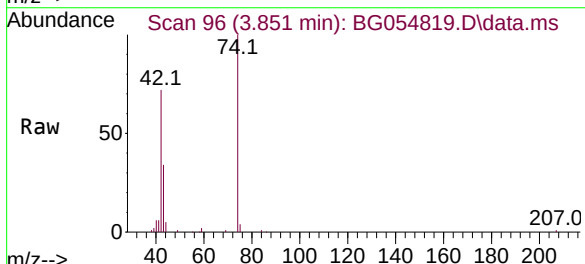
Instrument :  
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ClientSampleId :  
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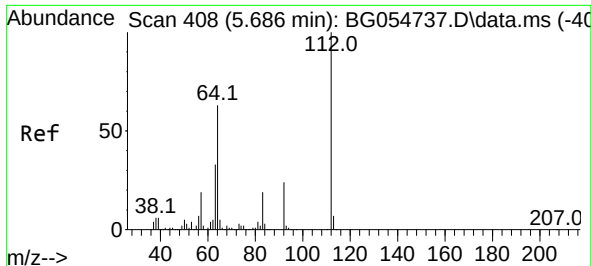
Tgt Ion: 79 Resp: 101574  
Ion Ratio Lower Upper  
79 100  
52 75.3 61.4 92.0  
51 36.1 31.4 47.0



#4  
n-Nitrosodimethylamine  
Concen: 40.297 ng  
RT: 3.851 min Scan# 96  
Delta R.T. -0.007 min  
Lab File: BG054819.D  
Acq: 1 Sep 2022 12:38

Tgt Ion: 42 Resp: 55140  
Ion Ratio Lower Upper  
42 100  
74 139.4 109.6 164.4  
44 7.3 5.5 8.3

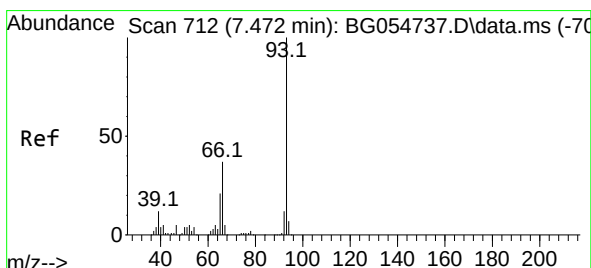
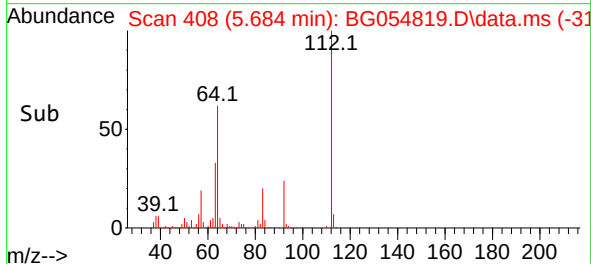
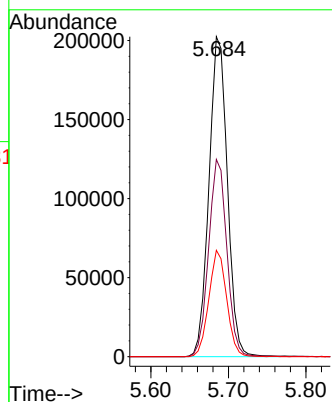
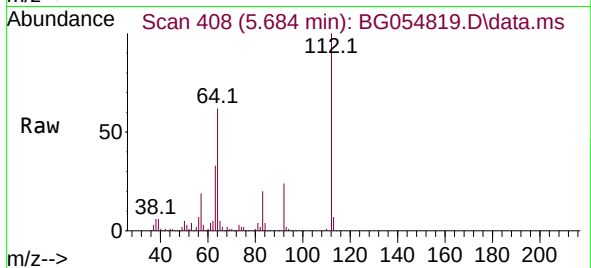




#5  
2-Fluorophenol  
Concen: 140.455 ng  
RT: 5.684 min Scan# 408  
Delta R.T. -0.001 min  
Lab File: BG054819.D  
Acq: 1 Sep 2022 12:38

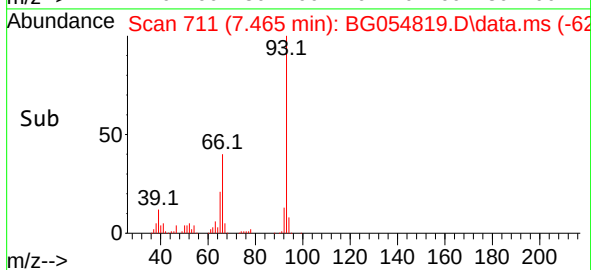
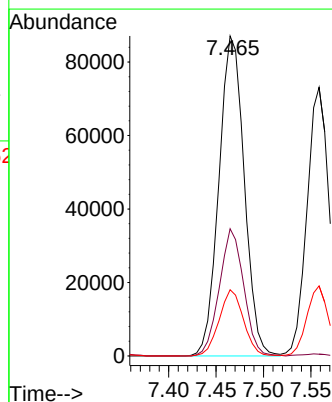
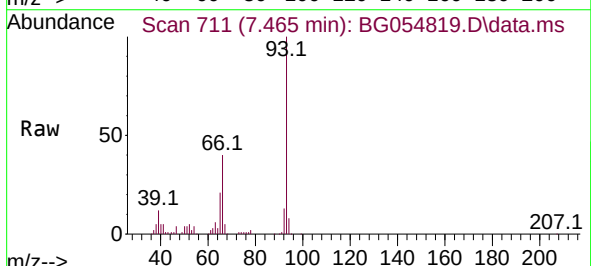
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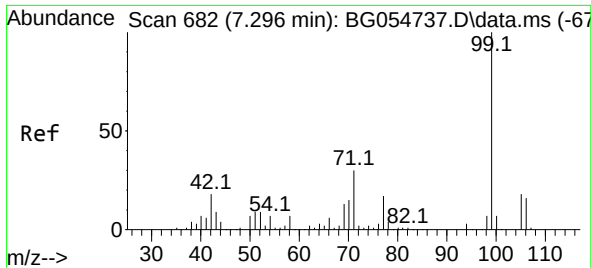
Tgt Ion:112 Resp: 333812  
Ion Ratio Lower Upper  
112 100  
64 61.6 49.3 73.9  
63 33.3 26.3 39.5



#6  
Aniline  
Concen: 41.973 ng  
RT: 7.465 min Scan# 711  
Delta R.T. -0.007 min  
Lab File: BG054819.D  
Acq: 1 Sep 2022 12:38

Tgt Ion: 93 Resp: 162091  
Ion Ratio Lower Upper  
93 100  
66 39.7 31.8 47.8  
65 20.7 16.6 25.0

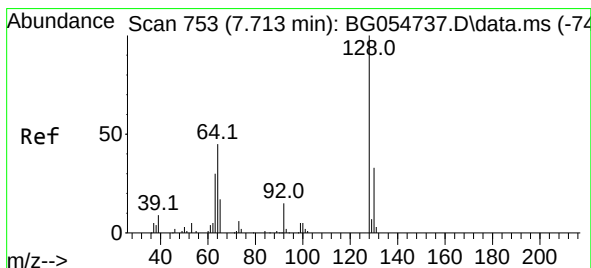
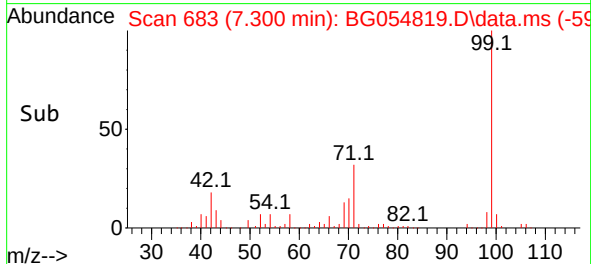
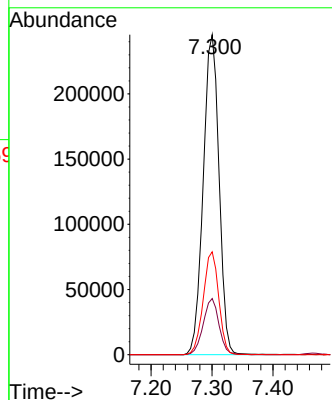
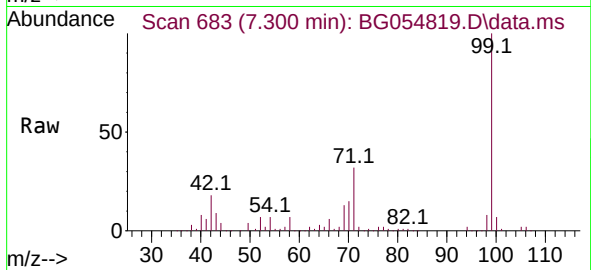




#7  
Phenol-d6  
Concen: 136.246 ng  
RT: 7.300 min Scan# 682  
Delta R.T. 0.004 min  
Lab File: BG054819.D  
Acq: 1 Sep 2022 12:38

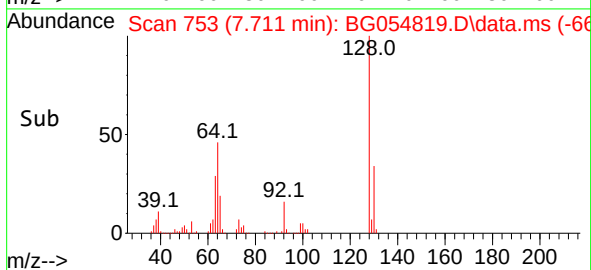
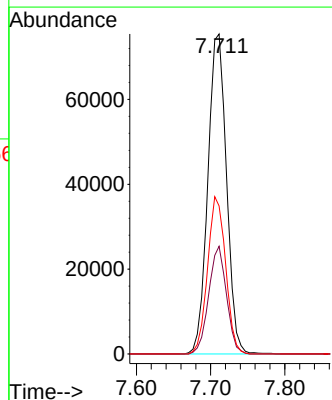
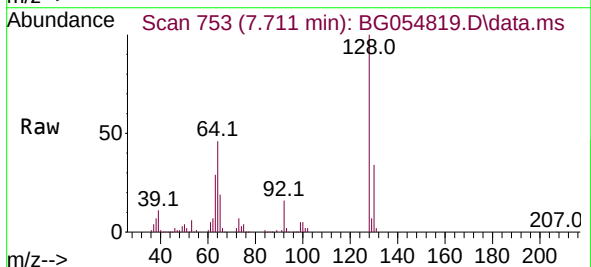
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ClientSampleId :  
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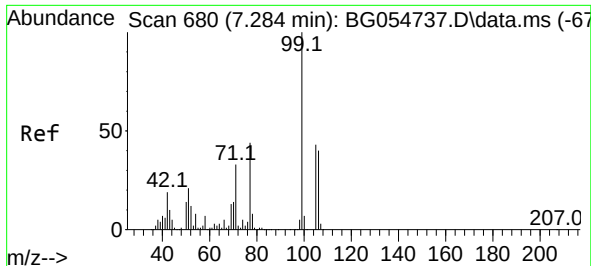
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Ion Ratio Lower Upper  
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42 17.6 14.6 22.0  
71 32.2 24.6 37.0



#8  
2-Chlorophenol  
Concen: 50.734 ng  
RT: 7.711 min Scan# 753  
Delta R.T. -0.001 min  
Lab File: BG054819.D  
Acq: 1 Sep 2022 12:38

Tgt Ion: 128 Resp: 131737  
Ion Ratio Lower Upper  
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130 33.6 12.5 52.5  
64 46.2 28.6 68.6

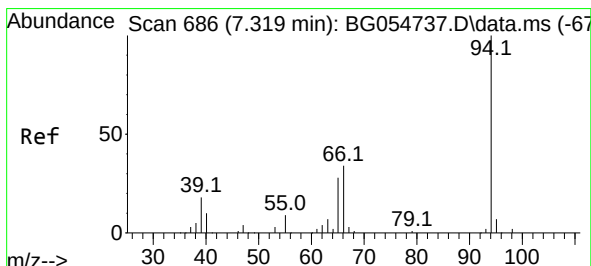
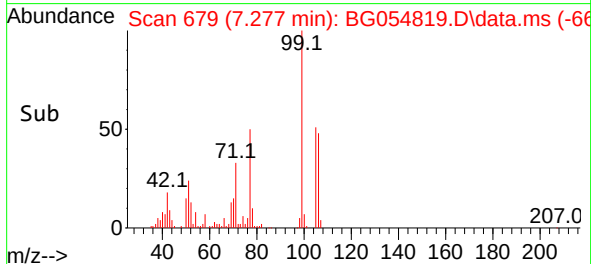
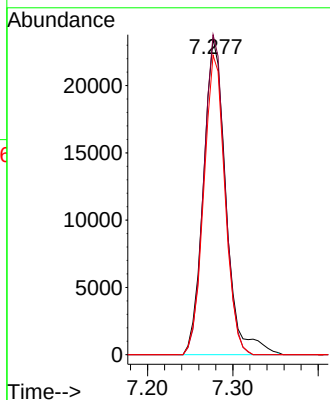
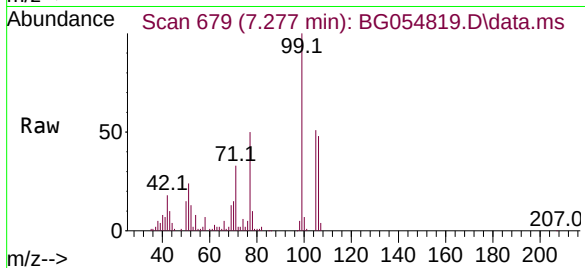




#9  
Benzaldehyde  
Concen: 20.258 ng  
RT: 7.277 min Scan# 61  
Delta R.T. -0.007 min  
Lab File: BG054819.D  
Acq: 1 Sep 2022 12:38

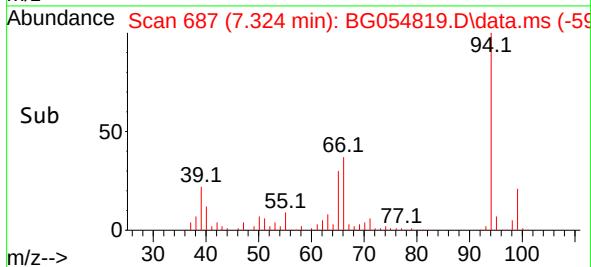
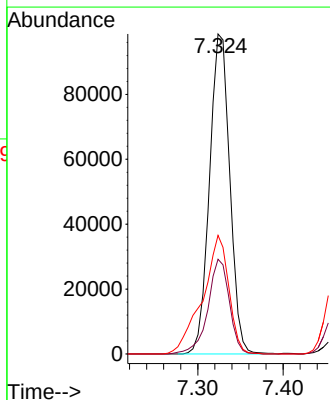
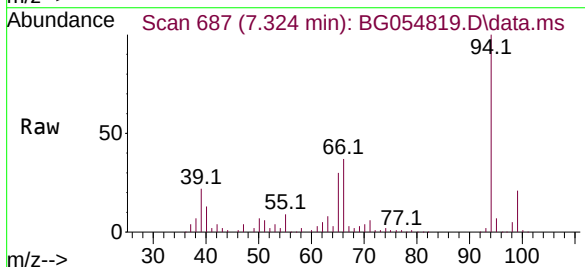
Instrument :  
BNA\_G  
ClientSampleId :  
PB147322BS

Tgt Ion: 77 Resp: 43154  
Ion Ratio Lower Upper  
77 100  
105 101.3 75.3 115.3  
106 94.8 70.2 110.2

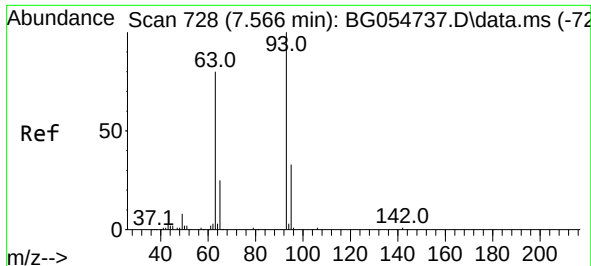


#10  
Phenol  
Concen: 48.907 ng  
RT: 7.324 min Scan# 687  
Delta R.T. 0.004 min  
Lab File: BG054819.D  
Acq: 1 Sep 2022 12:38

Tgt Ion: 94 Resp: 163474  
Ion Ratio Lower Upper  
94 100  
65 29.6 9.9 49.9  
66 37.1 16.4 56.4



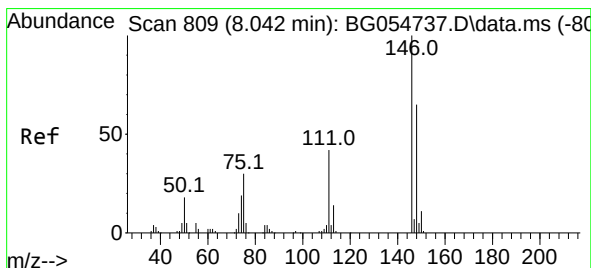
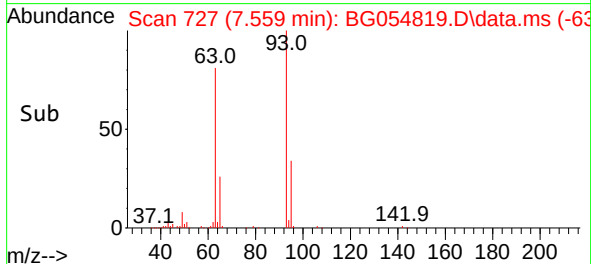
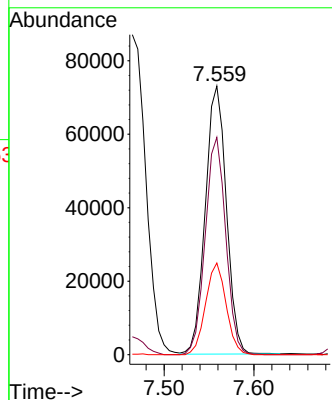
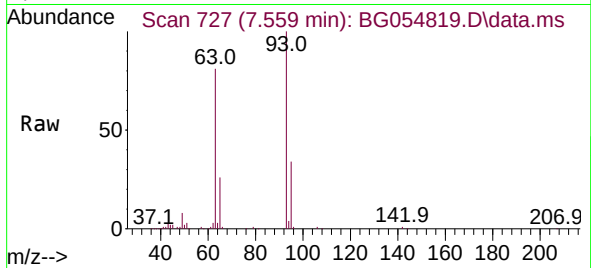




#11  
bis(2-Chloroethyl)ether  
Concen: 44.212 ng  
RT: 7.559 min Scan# 71  
Delta R.T. -0.007 min  
Lab File: BG054819.D  
Acq: 1 Sep 2022 12:38

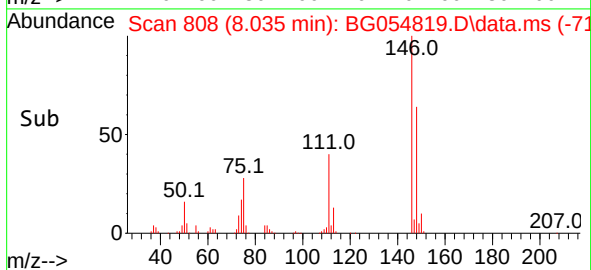
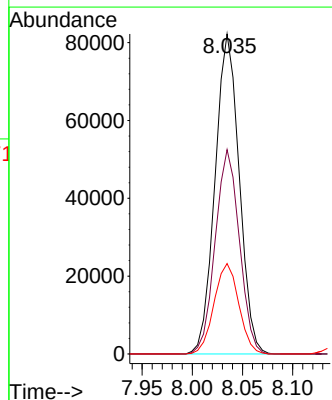
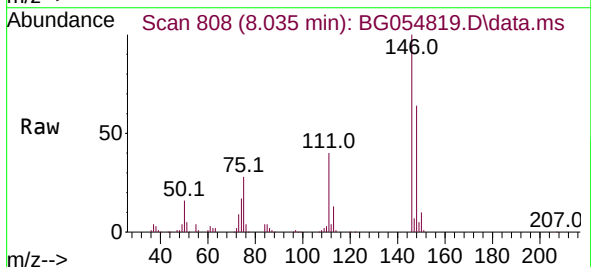
Instrument :  
BNA\_G  
ClientSampleId :  
PB147322BS

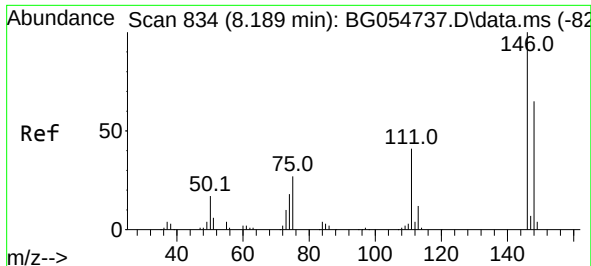
Tgt Ion: 93 Resp: 118852  
Ion Ratio Lower Upper  
93 100  
63 80.9 62.1 102.1  
95 34.1 12.1 52.1



#12  
1,3-Dichlorobenzene  
Concen: 45.777 ng  
RT: 8.035 min Scan# 808  
Delta R.T. -0.007 min  
Lab File: BG054819.D  
Acq: 1 Sep 2022 12:38

Tgt Ion:146 Resp: 137555  
Ion Ratio Lower Upper  
146 100  
148 63.9 50.6 76.0  
75 28.3 24.3 36.5





#13

1,4-Dichlorobenzene

Concen: 45.340 ng

RT: 8.182 min Scan# 81

Delta R.T. -0.007 min

Lab File: BG054819.D

Acq: 1 Sep 2022 12:38

Instrument :

BNA\_G

ClientSampleId :

PB147322BS

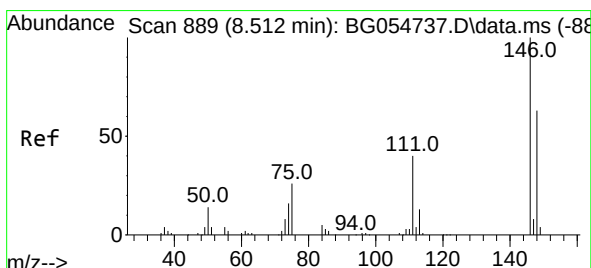
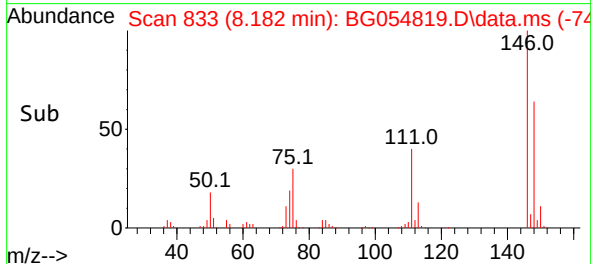
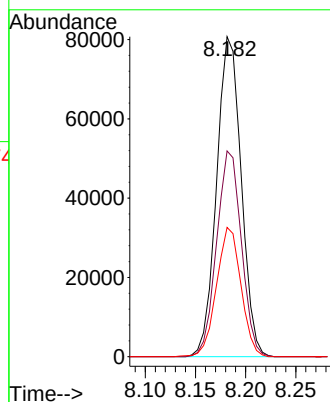
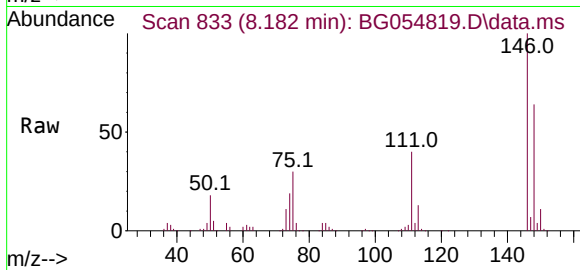
Tgt Ion:146 Resp: 137426

Ion Ratio Lower Upper

146 100

148 64.3 50.4 75.6

111 40.4 33.0 49.4



#14

1,2-Dichlorobenzene

Concen: 46.926 ng

RT: 8.505 min Scan# 888

Delta R.T. -0.007 min

Lab File: BG054819.D

Acq: 1 Sep 2022 12:38

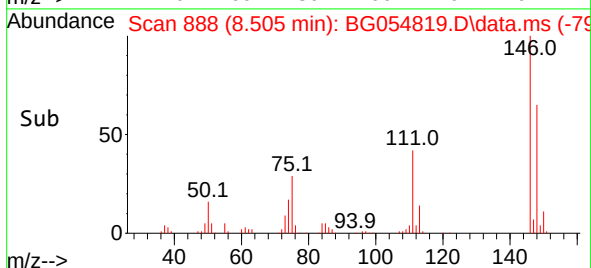
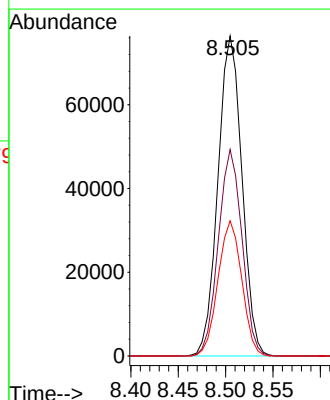
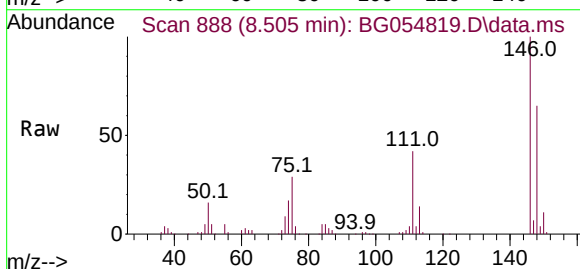
Tgt Ion:146 Resp: 134867

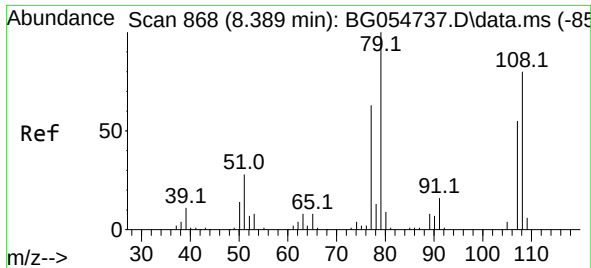
Ion Ratio Lower Upper

146 100

148 64.5 51.2 76.8

111 42.3 34.3 51.5

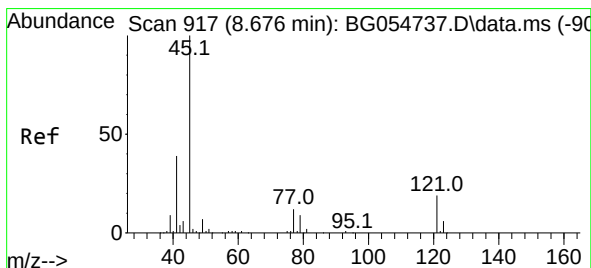
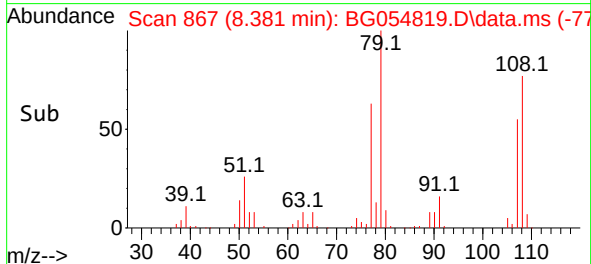
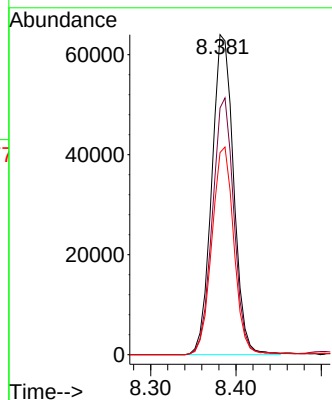
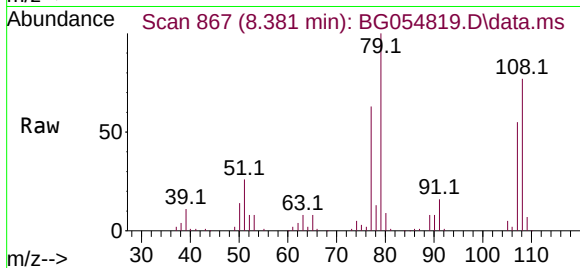




#15  
Benzyl Alcohol  
Concen: 48.510 ng  
RT: 8.381 min Scan# 868  
Delta R.T. -0.007 min  
Lab File: BG054819.D  
Acq: 1 Sep 2022 12:38

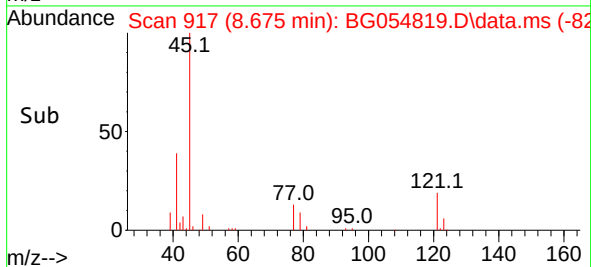
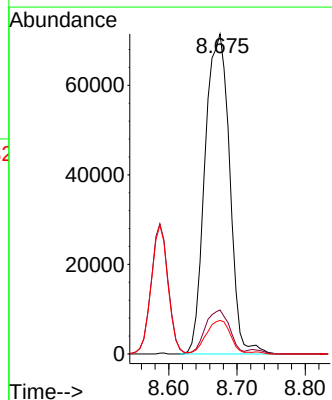
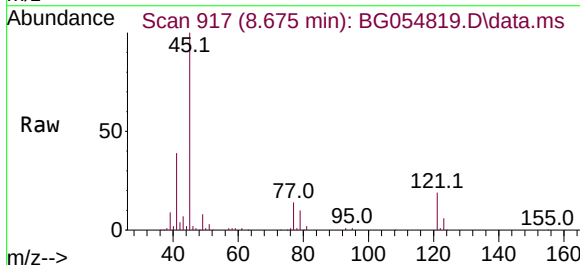
Instrument :  
BNA\_G  
ClientSampleId :  
PB147322BS

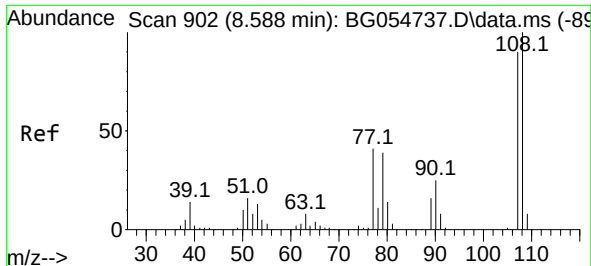
Tgt Ion: 79 Resp: 113907  
Ion Ratio Lower Upper  
79 100  
108 77.1 63.4 95.0  
77 63.2 55.0 82.4



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 42.515 ng  
RT: 8.675 min Scan# 917  
Delta R.T. -0.001 min  
Lab File: BG054819.D  
Acq: 1 Sep 2022 12:38

Tgt Ion: 45 Resp: 178835  
Ion Ratio Lower Upper  
45 100  
77 13.8 0.0 32.8  
79 10.5 0.0 30.4

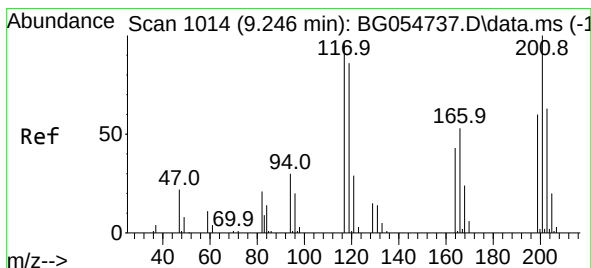
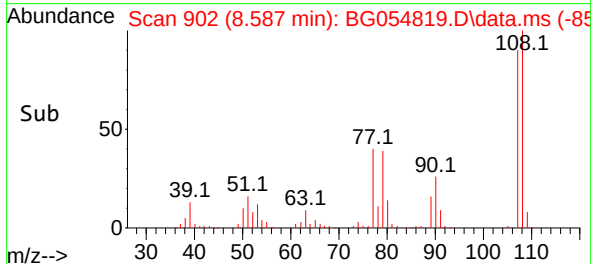
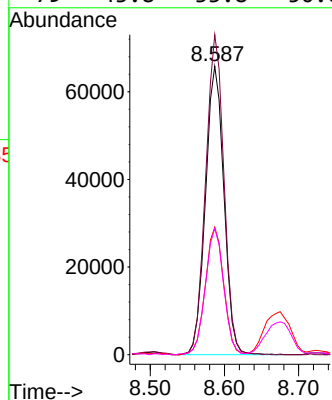
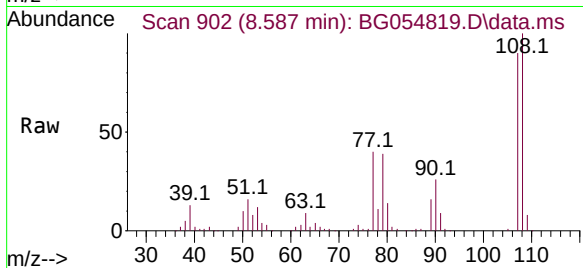




#17  
2-Methylphenol  
Concen: 49.563 ng  
RT: 8.587 min Scan# 90  
Delta R.T. -0.001 min  
Lab File: BG054819.D  
Acq: 1 Sep 2022 12:38

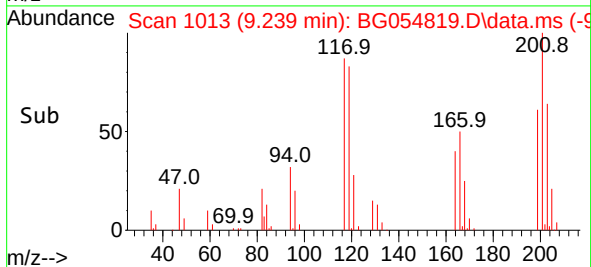
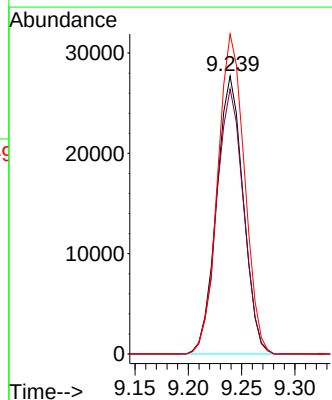
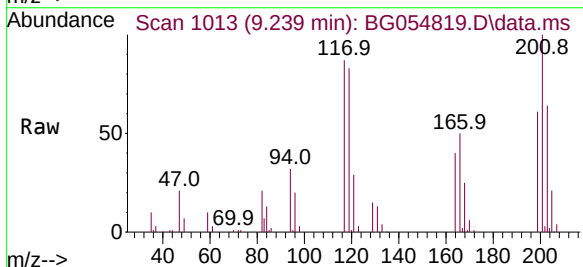
Instrument :  
BNA\_G  
ClientSampleId :  
PB147322BS

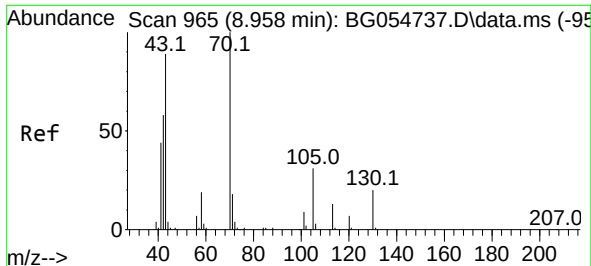
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 114063 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 110.9 | 85.6  | 128.4  |
| 77       | 44.2  | 35.8  | 53.8   |
| 79       | 43.8  | 33.8  | 50.6   |



#18  
Hexachloroethane  
Concen: 43.875 ng  
RT: 9.239 min Scan# 1013  
Delta R.T. -0.007 min  
Lab File: BG054819.D  
Acq: 1 Sep 2022 12:38

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 48223 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 95.4  | 77.0  | 115.6 |
| 201      | 115.2 | 87.2  | 130.8 |

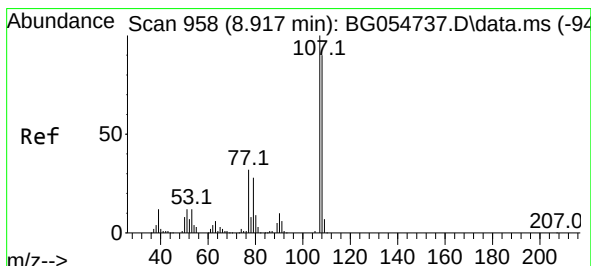
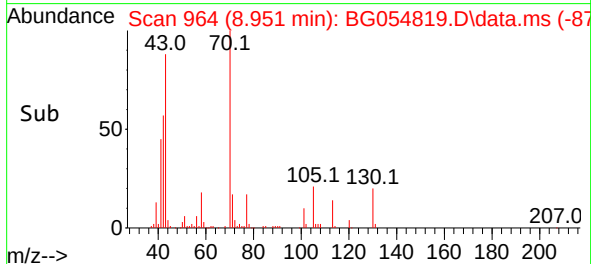
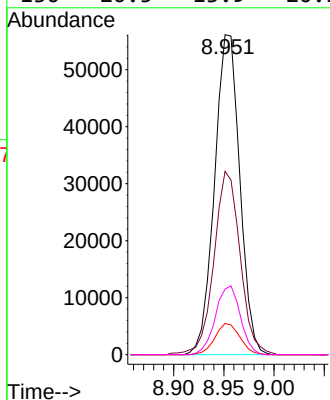
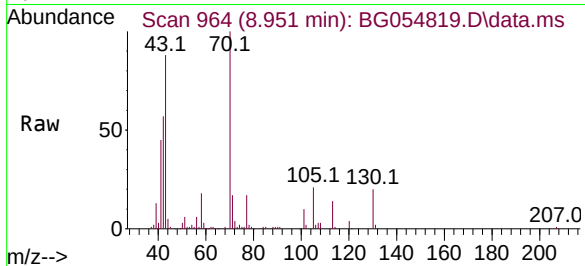




#19  
n-Nitroso-di-n-propylamine  
Concen: 43.894 ng  
RT: 8.951 min Scan# 90  
Delta R.T. -0.007 min  
Lab File: BG054819.D  
Acq: 1 Sep 2022 12:38

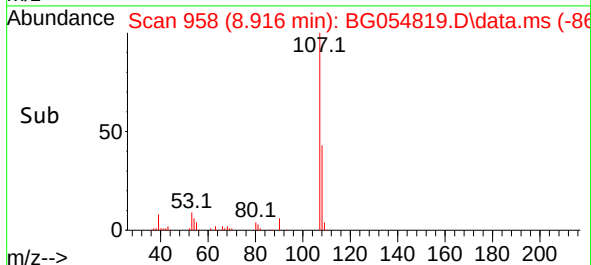
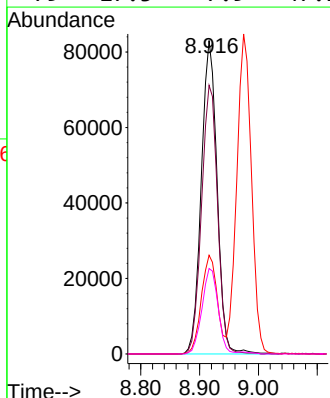
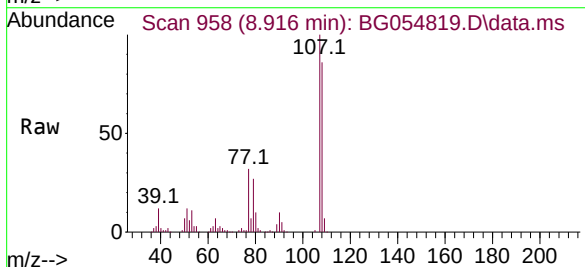
Instrument :  
BNA\_G  
ClientSampleId :  
PB147322BS

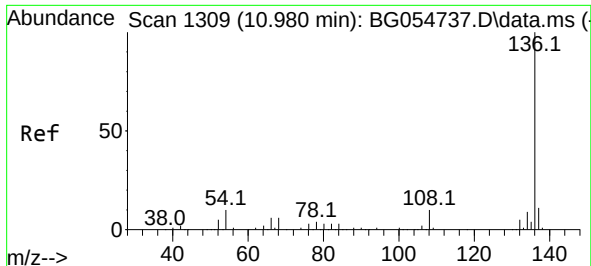
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 98108 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 57.3  | 46.6  | 69.8  |
| 101      | 9.8   | 7.7   | 11.5  |
| 130      | 20.5  | 13.9  | 20.9  |



#20  
3+4-Methylphenols  
Concen: 48.529 ng  
RT: 8.916 min Scan# 958  
Delta R.T. -0.001 min  
Lab File: BG054819.D  
Acq: 1 Sep 2022 12:38

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 154868 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 85.7  | 71.6  | 111.6  |
| 77       | 31.5  | 13.1  | 53.1   |
| 79       | 27.3  | 7.9   | 47.9   |

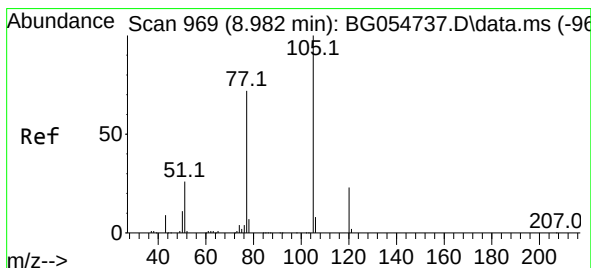
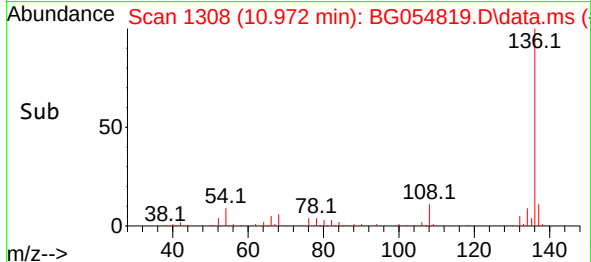
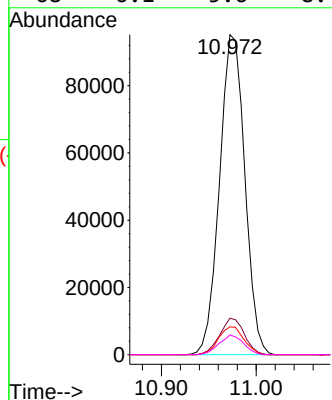
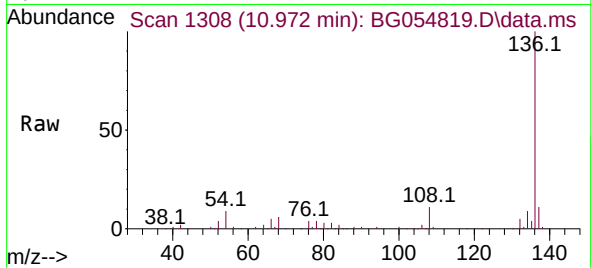




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.972 min Scan# 11  
Delta R.T. -0.008 min  
Lab File: BG054819.D  
Acq: 1 Sep 2022 12:38

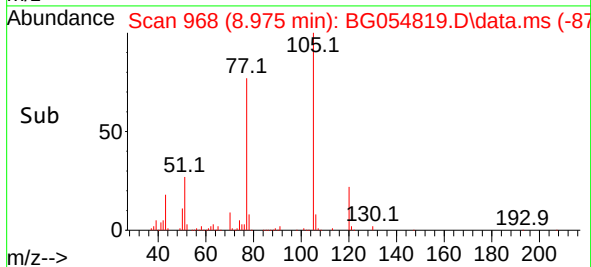
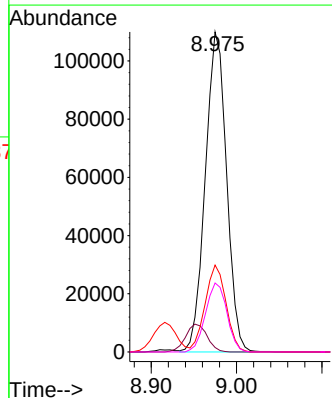
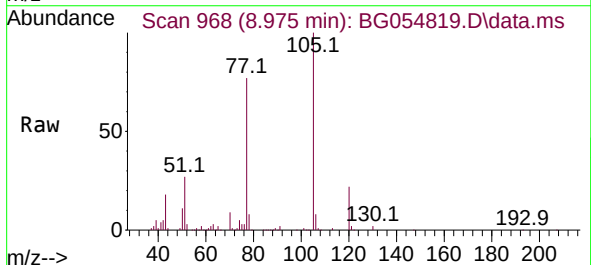
Instrument :  
BNA\_G  
ClientSampleId :  
PB147322BS

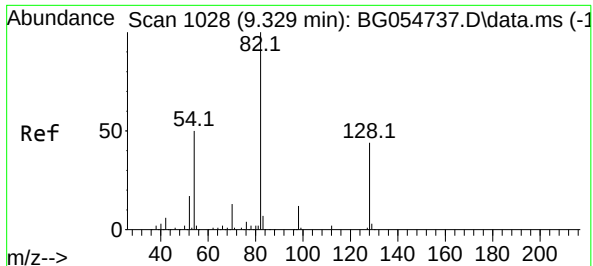
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 176314 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 11.4  | 9.2   | 13.8   |
| 54        | 8.7   | 7.7   | 11.5   |
| 68        | 6.1   | 5.6   | 8.4    |



#22  
Acetophenone  
Concen: 43.280 ng  
RT: 8.975 min Scan# 968  
Delta R.T. -0.007 min  
Lab File: BG054819.D  
Acq: 1 Sep 2022 12:38

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 190909 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 71        | 1.4   | 1.2   | 1.8    |
| 51        | 27.1  | 22.9  | 34.3   |
| 120       | 21.6  | 17.4  | 26.2   |

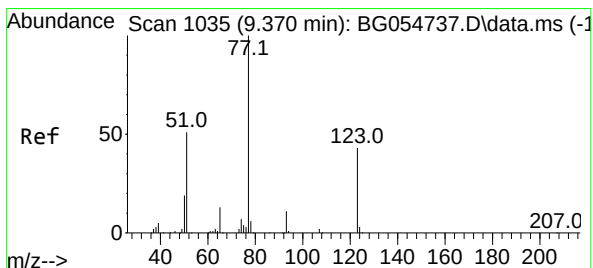
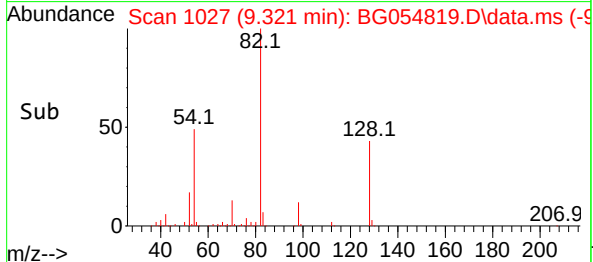
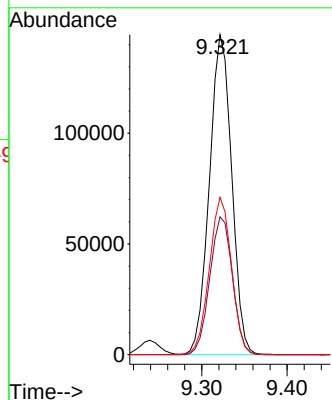
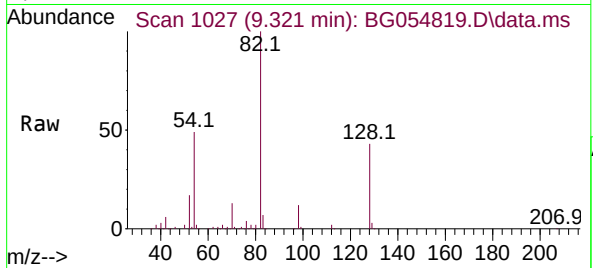




#23  
Nitrobenzene-d5  
Concen: 78.153 ng  
RT: 9.321 min Scan# 1027  
Delta R.T. -0.007 min  
Lab File: BG054819.D  
Acq: 1 Sep 2022 12:38

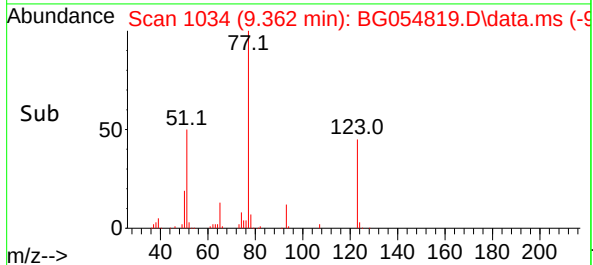
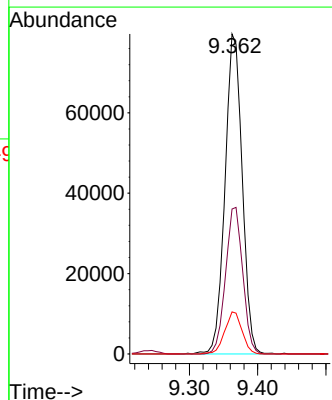
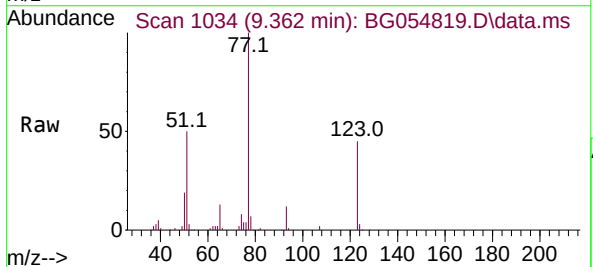
Instrument :  
BNA\_G  
ClientSampleId :  
PB147322BS

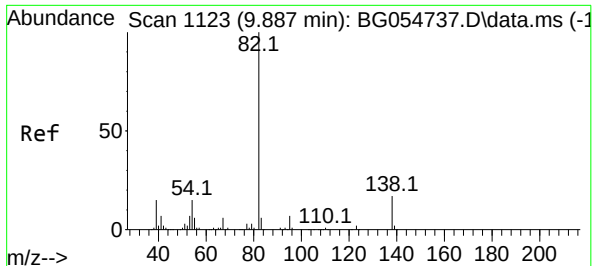
Tgt Ion: 82 Resp: 262483  
Ion Ratio Lower Upper  
82 100  
128 43.1 32.2 48.2  
54 49.2 41.4 62.0



#24  
Nitrobenzene  
Concen: 41.287 ng  
RT: 9.362 min Scan# 1034  
Delta R.T. -0.007 min  
Lab File: BG054819.D  
Acq: 1 Sep 2022 12:38

Tgt Ion: 77 Resp: 139767  
Ion Ratio Lower Upper  
77 100  
123 45.3 35.0 52.6  
65 13.1 10.2 15.2

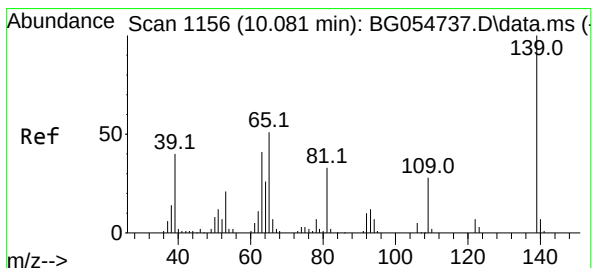
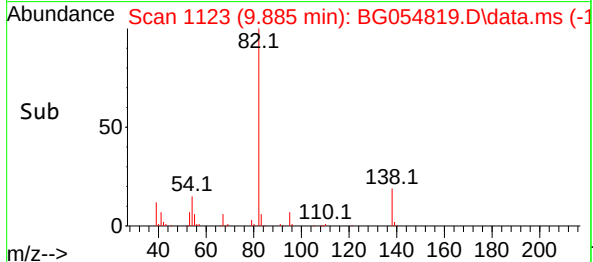
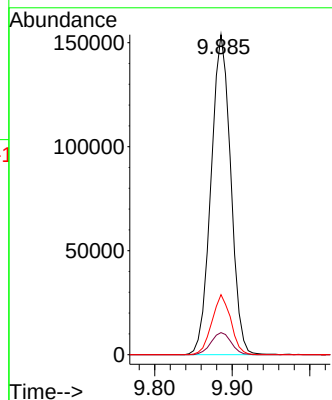
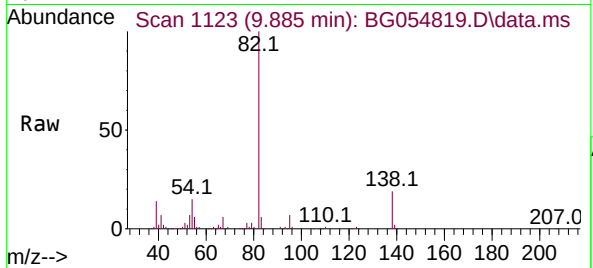




#25  
Isophorone  
Concen: 43.325 ng  
RT: 9.885 min Scan# 1123  
Delta R.T. -0.001 min  
Lab File: BG054819.D  
Acq: 1 Sep 2022 12:38

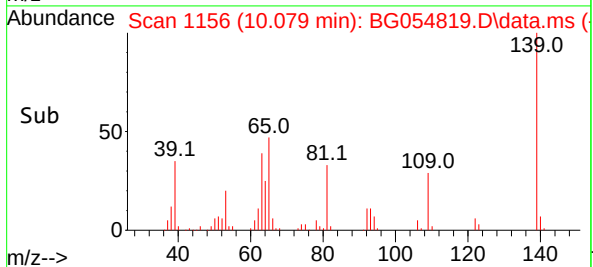
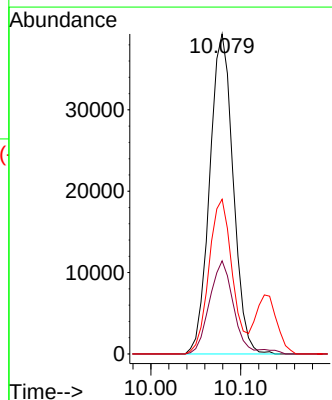
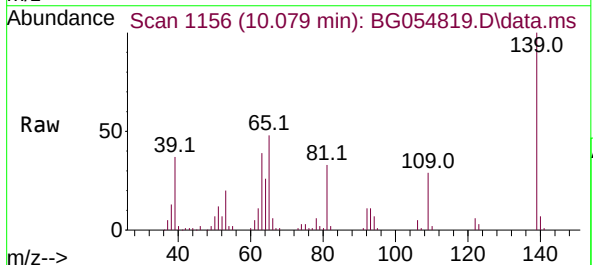
Instrument :  
BNA\_G  
ClientSampleId :  
PB147322BS

Tgt Ion: 82 Resp: 271317  
Ion Ratio Lower Upper  
82 100  
95 6.9 5.6 8.4  
138 18.8 13.9 20.9

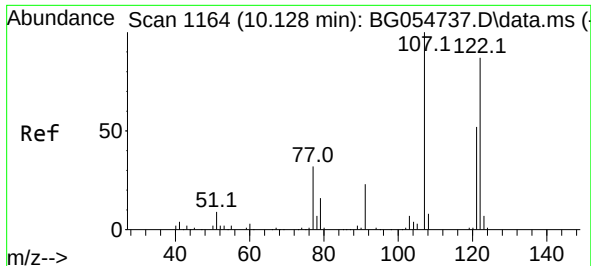


#26  
2-Nitrophenol  
Concen: 47.650 ng  
RT: 10.079 min Scan# 1156  
Delta R.T. -0.001 min  
Lab File: BG054819.D  
Acq: 1 Sep 2022 12:38

Tgt Ion:139 Resp: 71254  
Ion Ratio Lower Upper  
139 100  
109 29.1 21.8 32.6  
65 48.3 37.4 56.0







#27

2,4-Dimethylphenol

Concen: 53.281 ng

RT: 10.126 min Scan# 1164

Delta R.T. -0.001 min

Lab File: BG054819.D

Acq: 1 Sep 2022 12:38

Instrument :

BNA\_G

ClientSampleId :

PB147322BS

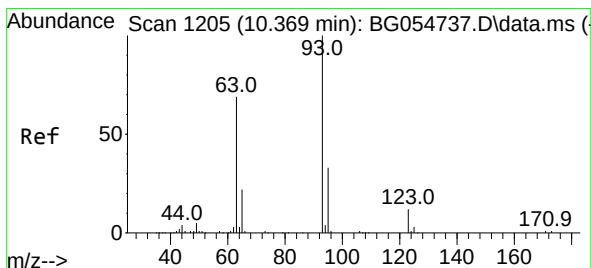
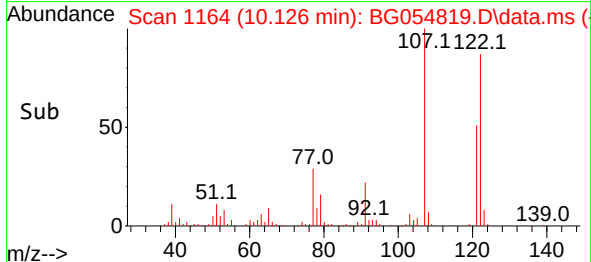
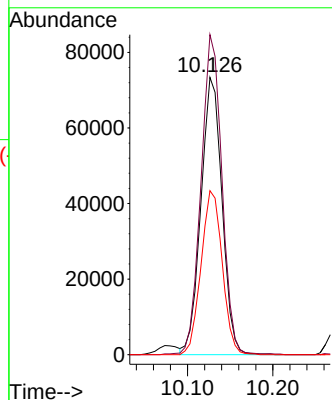
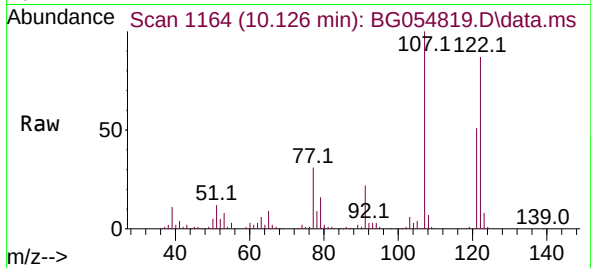
Tgt Ion:122 Resp: 126236

Ion Ratio Lower Upper

122 100

107 115.4 94.6 142.0

121 59.2 49.8 74.6



#28

bis(2-Chloroethoxy)methane

Concen: 45.627 ng

RT: 10.367 min Scan# 1205

Delta R.T. -0.001 min

Lab File: BG054819.D

Acq: 1 Sep 2022 12:38

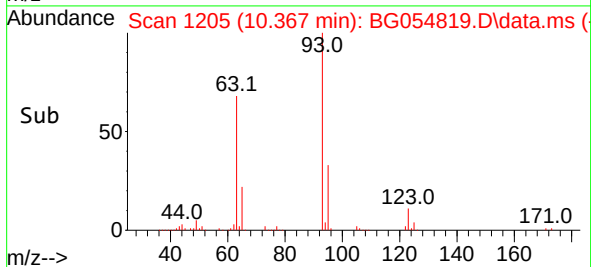
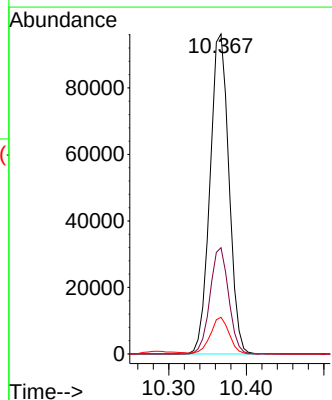
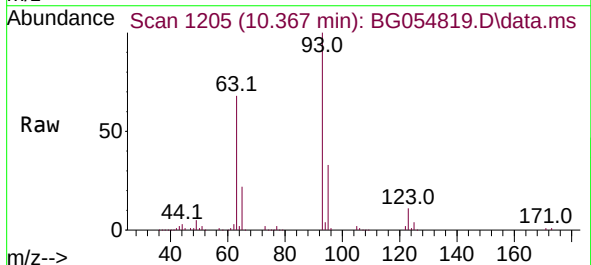
Tgt Ion: 93 Resp: 162818

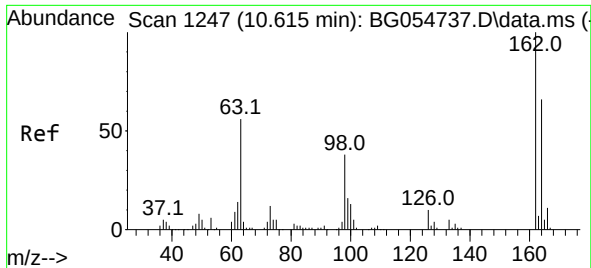
Ion Ratio Lower Upper

93 100

95 33.2 26.2 39.2

123 11.5 8.4 12.6

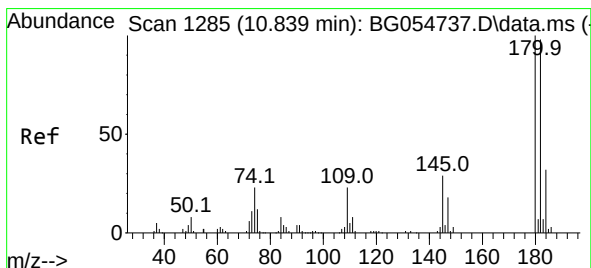
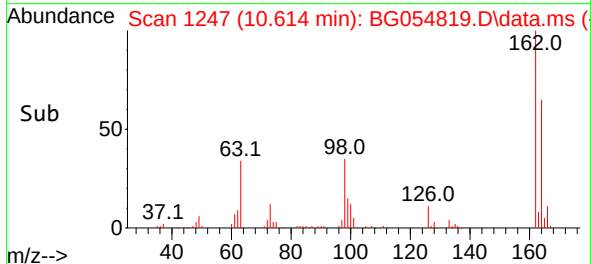
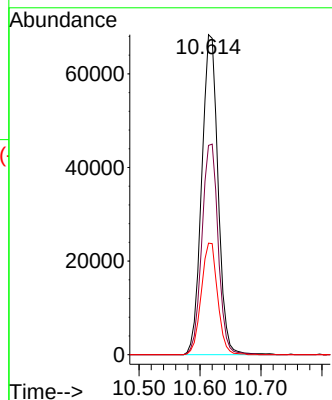
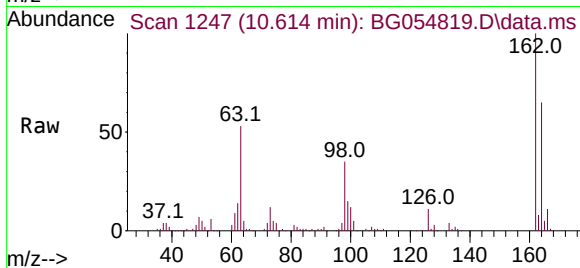




#29  
2,4-Dichlorophenol  
Concen: 47.166 ng  
RT: 10.614 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: BG054819.D  
Acq: 1 Sep 2022 12:38

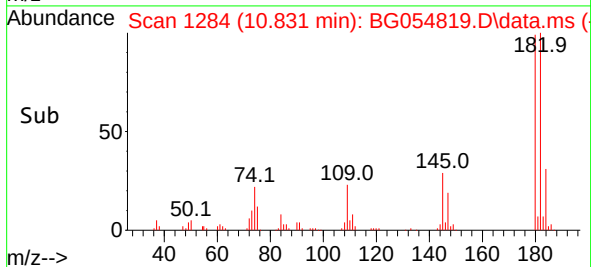
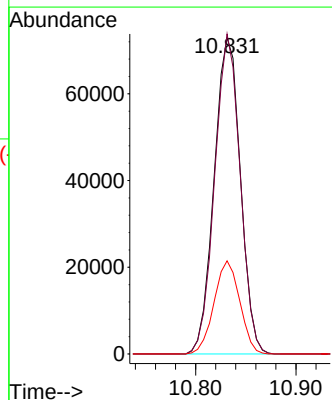
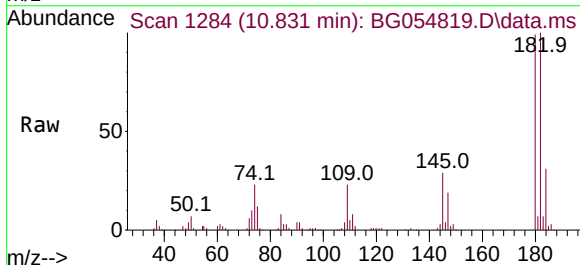
Instrument :  
BNA\_G  
ClientSampleId :  
PB147322BS

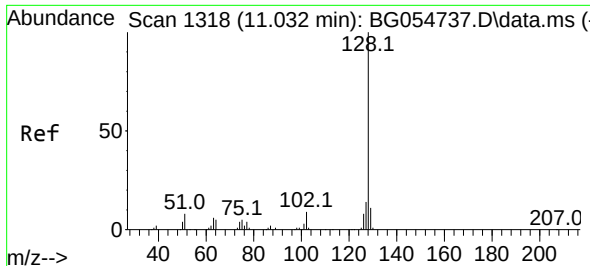
Tgt Ion:162 Resp: 127105  
Ion Ratio Lower Upper  
162 100  
164 65.4 47.2 87.2  
98 34.9 16.6 56.6



#30  
1,2,4-Trichlorobenzene  
Concen: 43.023 ng  
RT: 10.831 min Scan# 1284  
Delta R.T. -0.007 min  
Lab File: BG054819.D  
Acq: 1 Sep 2022 12:38

Tgt Ion:180 Resp: 132494  
Ion Ratio Lower Upper  
180 100  
182 101.1 77.0 115.6  
145 29.4 24.0 36.0

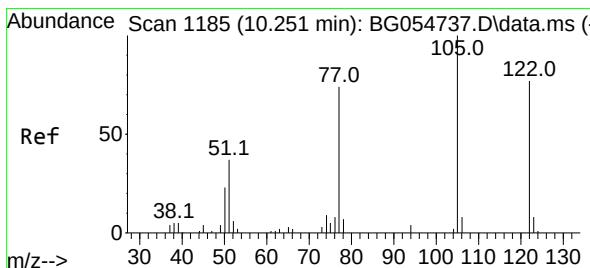
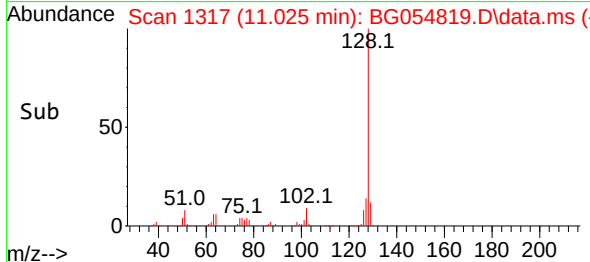
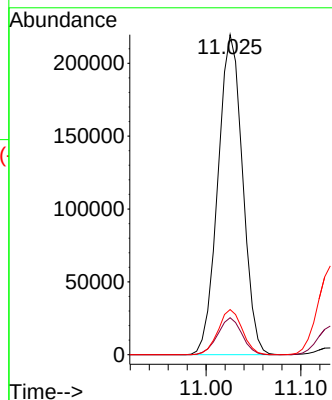
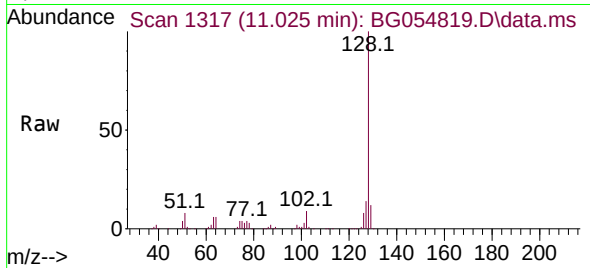




#31  
Naphthalene  
Concen: 41.975 ng  
RT: 11.025 min Scan# 11  
Delta R.T. -0.007 min  
Lab File: BG054819.D  
Acq: 1 Sep 2022 12:38

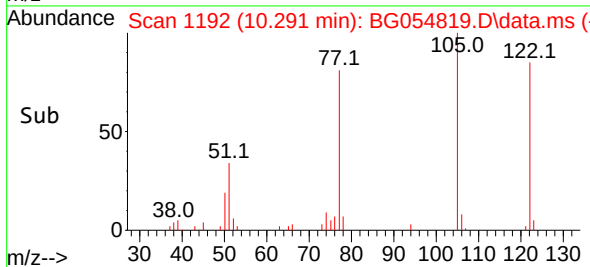
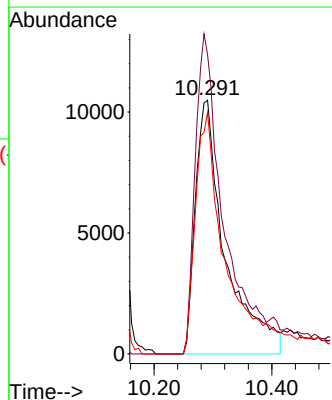
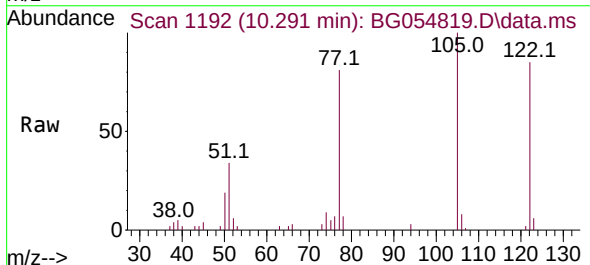
Instrument :  
BNA\_G  
ClientSampleId :  
PB147322BS

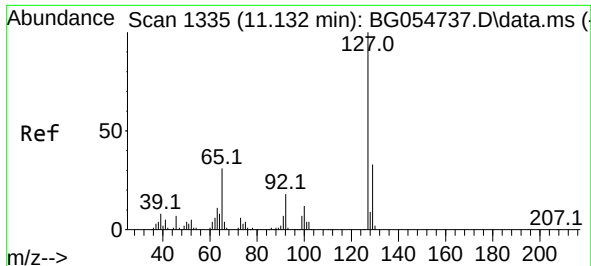
Tgt Ion:128 Resp: 397069  
Ion Ratio Lower Upper  
128 100  
129 11.5 9.0 13.4  
127 14.1 11.1 16.7



#32  
Benzoic acid  
Concen: 26.155 ng  
RT: 10.291 min Scan# 1192  
Delta R.T. 0.040 min  
Lab File: BG054819.D  
Acq: 1 Sep 2022 12:38

Tgt Ion:122 Resp: 37068  
Ion Ratio Lower Upper  
122 100  
105 118.0 101.5 141.5  
77 95.2 69.3 109.3

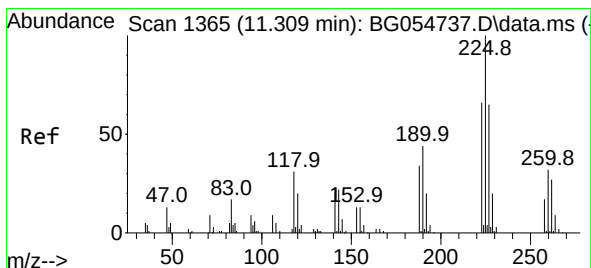
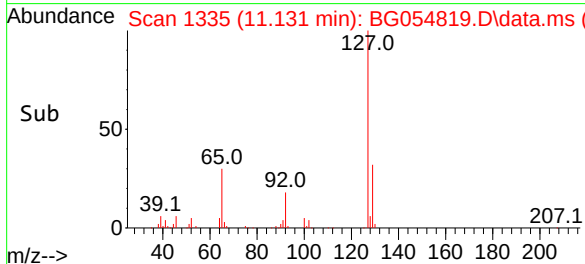
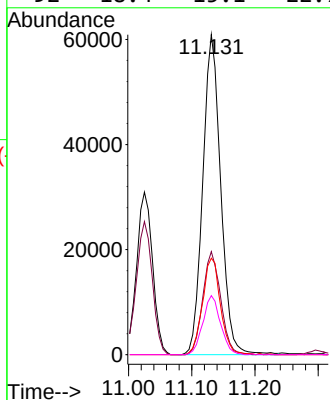
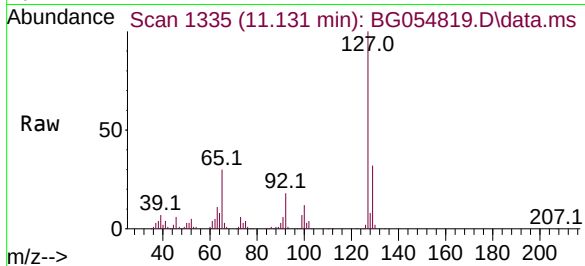




#33  
4-Chloroaniline  
Concen: 31.262 ng  
RT: 11.131 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: BG054819.D  
Acq: 1 Sep 2022 12:38

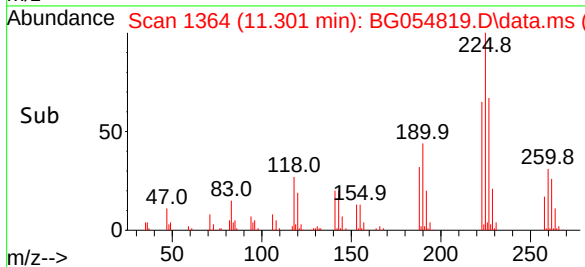
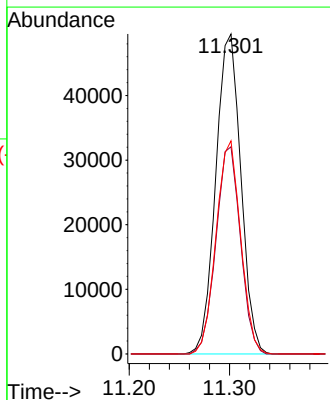
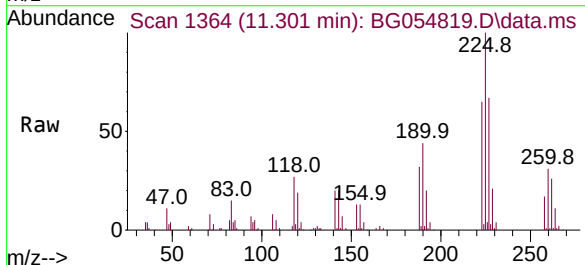
Instrument :  
BNA\_G  
ClientSampleId :  
PB147322BS

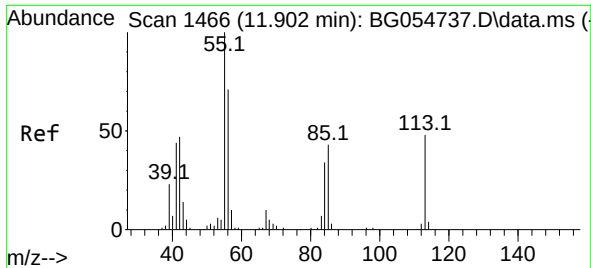
|             |              |
|-------------|--------------|
| Tgt Ion:127 | Resp: 120563 |
| Ion Ratio   | Lower Upper  |
| 127 100     |              |
| 129 32.2    | 26.0 39.0    |
| 65 30.1     | 25.8 38.8    |
| 92 18.4     | 15.1 22.7    |



#34  
Hexachlorobutadiene  
Concen: 43.614 ng  
RT: 11.301 min Scan# 1364  
Delta R.T. -0.007 min  
Lab File: BG054819.D  
Acq: 1 Sep 2022 12:38

|     |         |       |       |
|-----|---------|-------|-------|
| Tgt | Ion:225 | Resp: | 86056 |
| Ion | Ratio   | Lower | Upper |
| 225 | 100     |       |       |
| 223 | 64.8    | 51.4  | 77.0  |
| 227 | 66.6    | 52.6  | 79.0  |

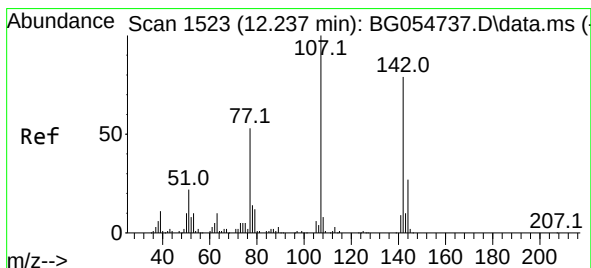
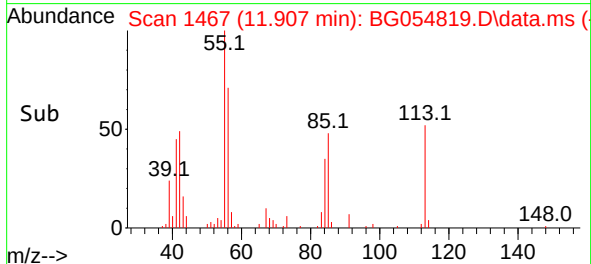
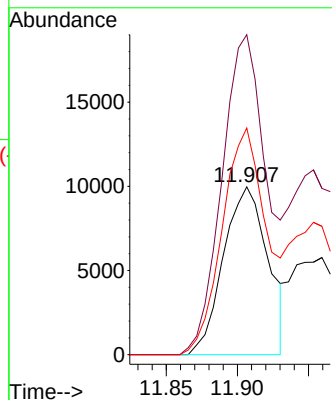
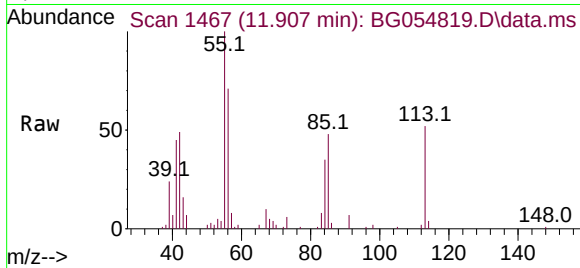




#35  
Caprolactam  
Concen: 22.806 ng  
RT: 11.907 min Scan# 1466  
Delta R.T. 0.005 min  
Lab File: BG054819.D  
Acq: 1 Sep 2022 12:38

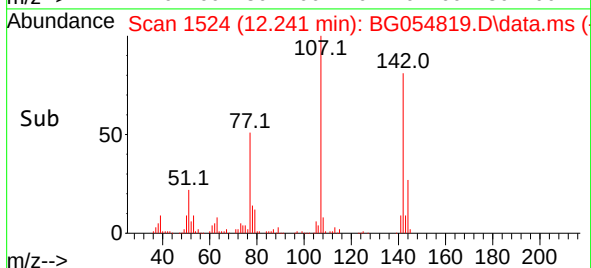
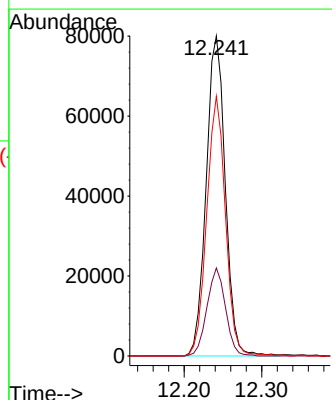
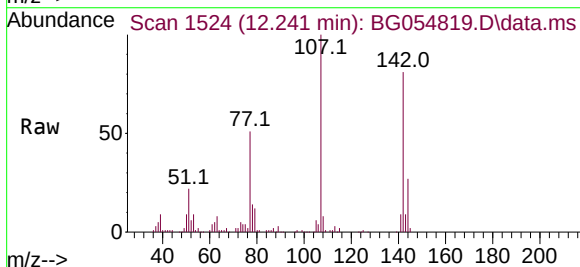
Instrument :  
BNA\_G  
ClientSampleId :  
PB147322BS

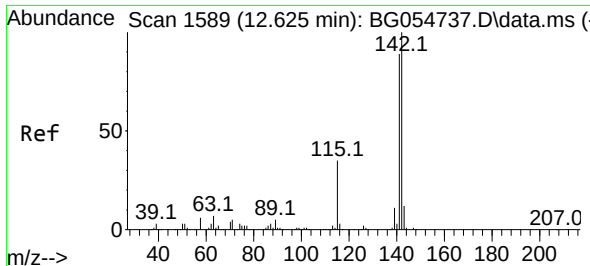
Tgt Ion:113 Resp: 21682  
Ion Ratio Lower Upper  
113 100  
55 190.7 179.1 219.1  
56 135.1 120.8 160.8



#36  
4-Chloro-3-methylphenol  
Concen: 46.473 ng  
RT: 12.241 min Scan# 1524  
Delta R.T. 0.005 min  
Lab File: BG054819.D  
Acq: 1 Sep 2022 12:38

Tgt Ion:107 Resp: 136952  
Ion Ratio Lower Upper  
107 100  
144 27.5 22.4 33.6  
142 81.1 65.8 98.8





#37

2-Methylnaphthalene

Concen: 42.560 ng

RT: 12.623 min Scan# 1589

Delta R.T. -0.001 min

Lab File: BG054819.D

Acq: 1 Sep 2022 12:38

Instrument :

BNA\_G

ClientSampleId :

PB147322BS

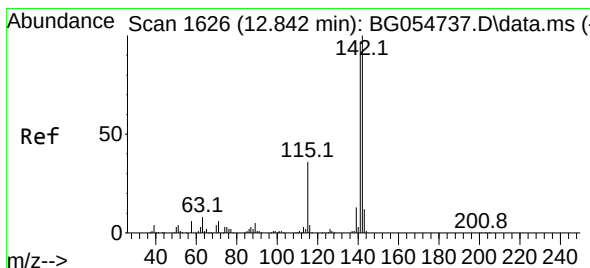
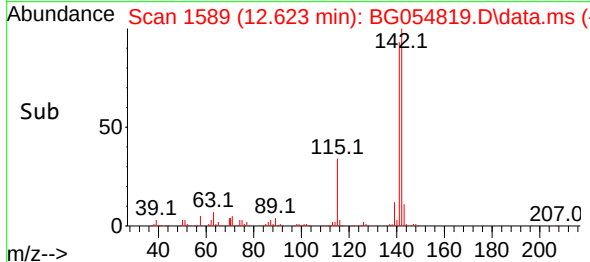
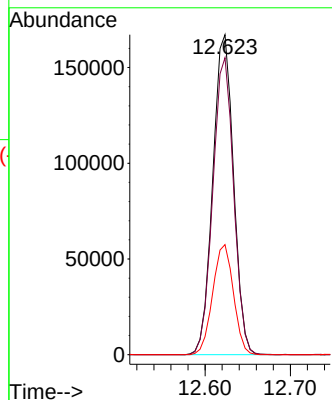
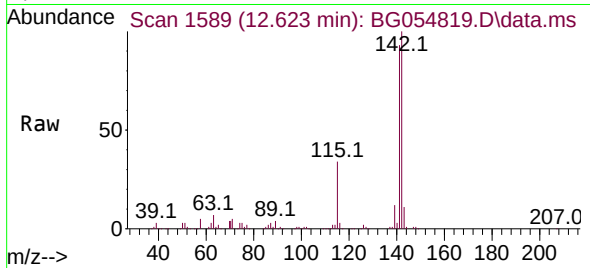
Tgt Ion:142 Resp: 282179

Ion Ratio Lower Upper

142 100

141 92.8 73.0 109.4

115 34.4 27.3 40.9



#38

1-Methylnaphthalene

Concen: 41.790 ng

RT: 12.841 min Scan# 1626

Delta R.T. -0.001 min

Lab File: BG054819.D

Acq: 1 Sep 2022 12:38

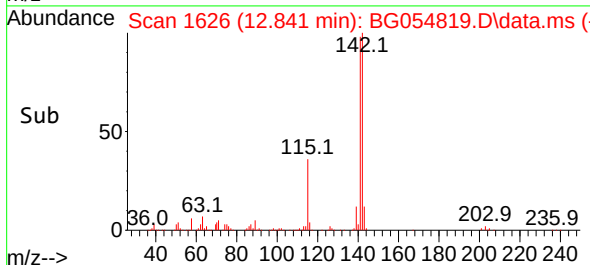
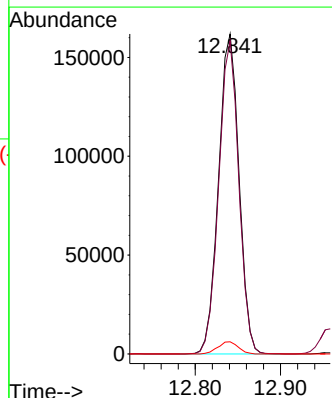
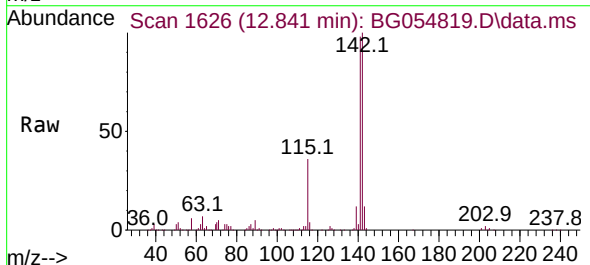
Tgt Ion:142 Resp: 269572

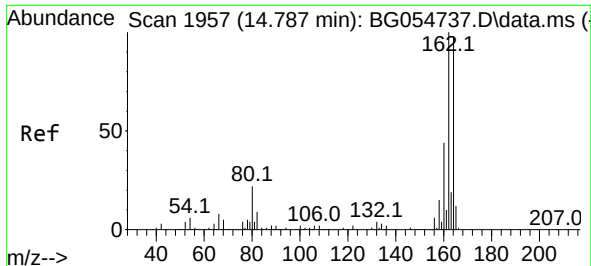
Ion Ratio Lower Upper

142 100

141 97.8 77.4 116.0

116 3.8 3.0 4.4

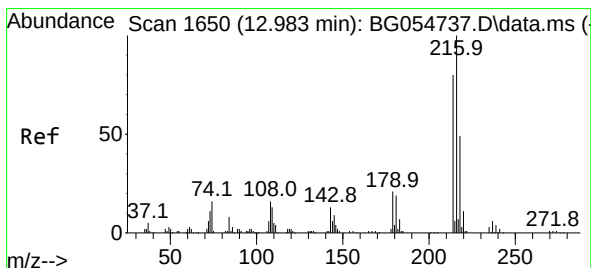
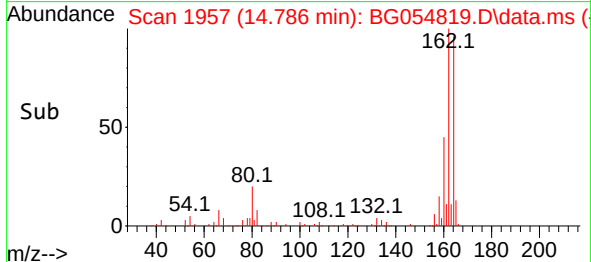
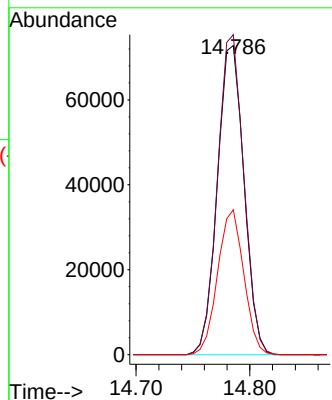
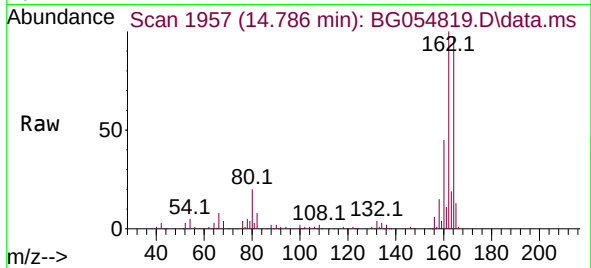




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.786 min Scan# 1957  
Delta R.T. -0.001 min  
Lab File: BG054819.D  
Acq: 1 Sep 2022 12:38

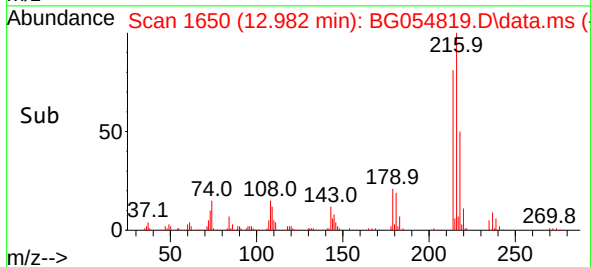
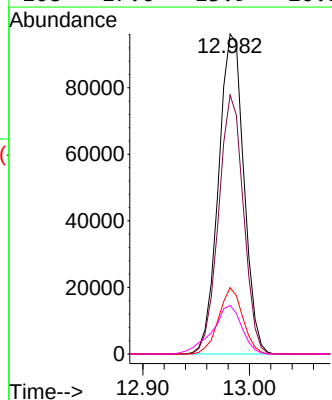
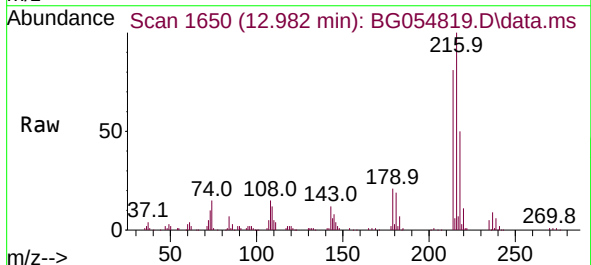
Instrument :  
BNA\_G  
ClientSampleId :  
PB147322BS

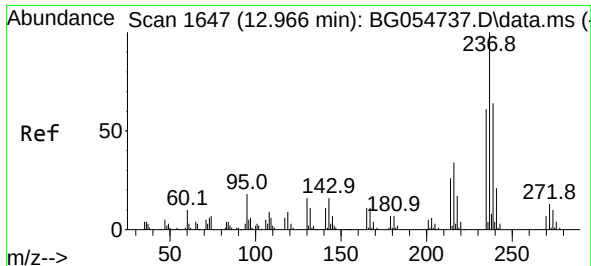
Tgt Ion:164 Resp: 118467  
Ion Ratio Lower Upper  
164 100  
162 103.5 83.0 124.4  
160 46.9 38.0 57.0



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 44.481 ng  
RT: 12.982 min Scan# 1650  
Delta R.T. -0.001 min  
Lab File: BG054819.D  
Acq: 1 Sep 2022 12:38

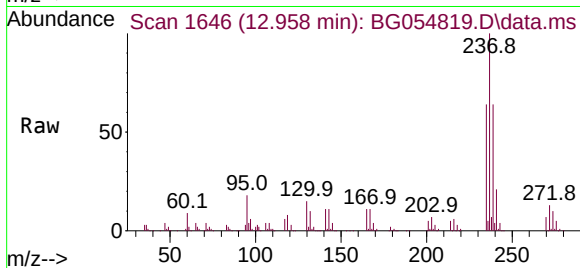
Tgt Ion:216 Resp: 158848  
Ion Ratio Lower Upper  
216 100  
214 79.0 63.2 94.8  
179 19.7 16.5 24.7  
108 17.6 13.9 20.9



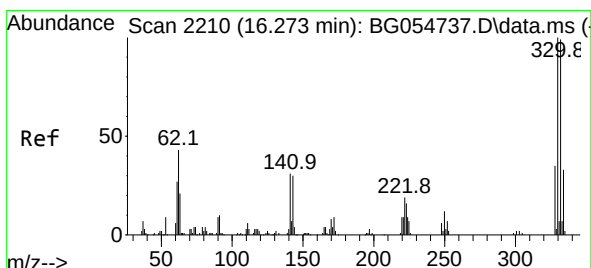
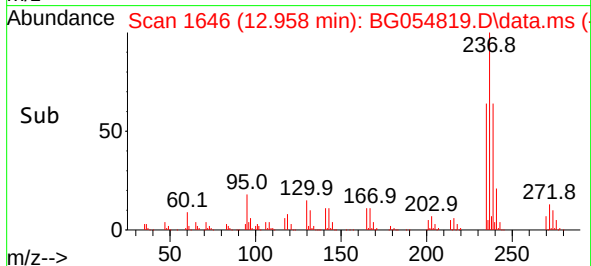
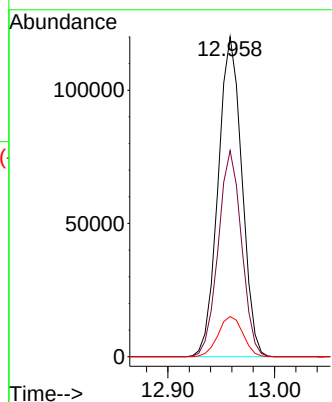


#41  
Hexachlorocyclopentadiene  
Concen: 98.027 ng  
RT: 12.958 min Scan# 1  
Delta R.T. -0.007 min  
Lab File: BG054819.D  
Acq: 1 Sep 2022 12:38

Instrument :  
BNA\_G  
ClientSampleId :  
PB147322BS

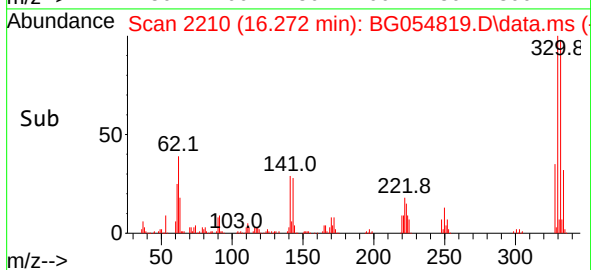
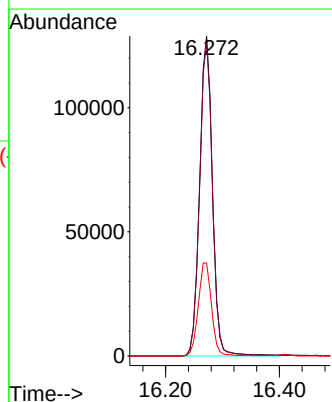
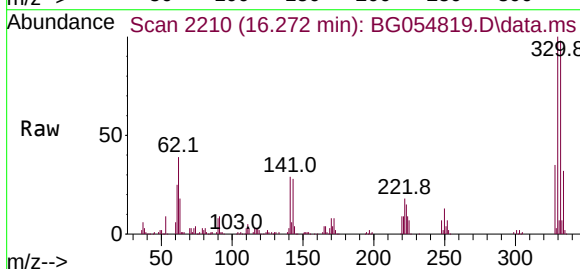


Tgt Ion:237 Resp: 185652  
Ion Ratio Lower Upper  
237 100  
235 64.4 42.2 82.2  
272 12.6 0.0 34.0

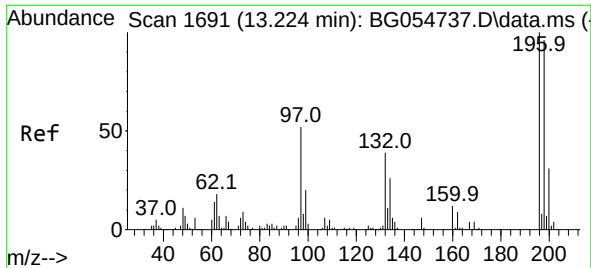


#42  
2,4,6-Tribromophenol  
Concen: 136.374 ng  
RT: 16.272 min Scan# 2210  
Delta R.T. -0.001 min  
Lab File: BG054819.D  
Acq: 1 Sep 2022 12:38

Tgt Ion:330 Resp: 201878  
Ion Ratio Lower Upper  
330 100  
332 98.5 79.8 119.6  
141 30.0 26.8 40.2



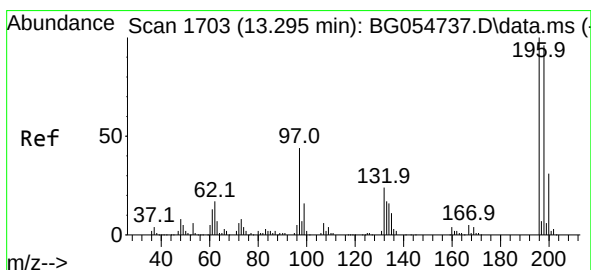
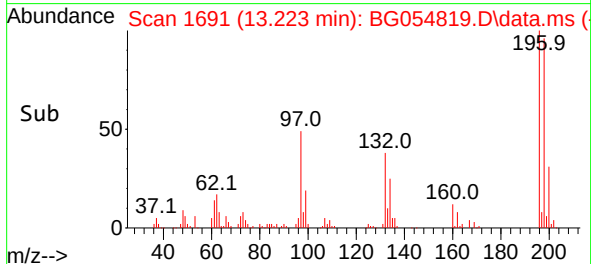
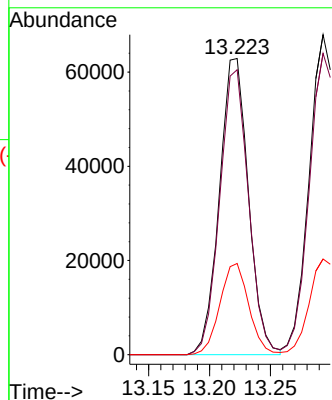
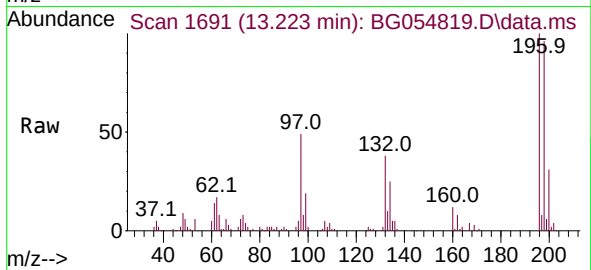




#43  
2,4,6-Trichlorophenol  
Concen: 44.133 ng  
RT: 13.223 min Scan# 1  
Delta R.T. -0.001 min  
Lab File: BG054819.D  
Acq: 1 Sep 2022 12:38

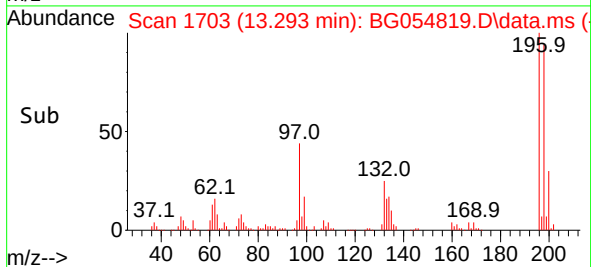
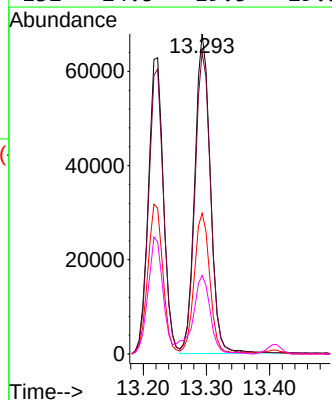
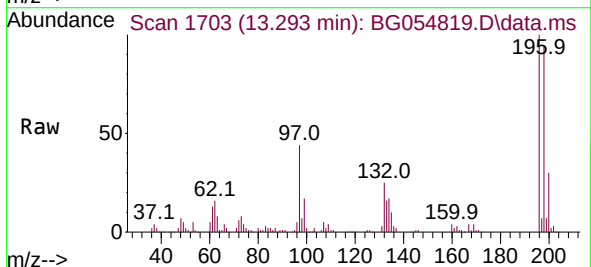
Instrument :  
BNA\_G  
ClientSampleId :  
PB147322BS

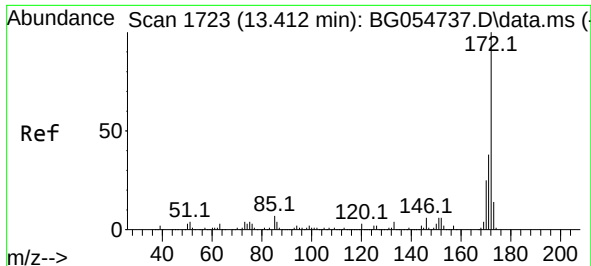
Tgt Ion:196 Resp: 104609  
Ion Ratio Lower Upper  
196 100  
198 96.2 77.1 115.7  
200 30.8 24.2 36.4



#44  
2,4,5-Trichlorophenol  
Concen: 43.511 ng  
RT: 13.293 min Scan# 1703  
Delta R.T. -0.001 min  
Lab File: BG054819.D  
Acq: 1 Sep 2022 12:38

Tgt Ion:196 Resp: 115826  
Ion Ratio Lower Upper  
196 100  
198 94.2 76.7 115.1  
97 44.0 36.6 55.0  
132 24.5 19.5 29.3

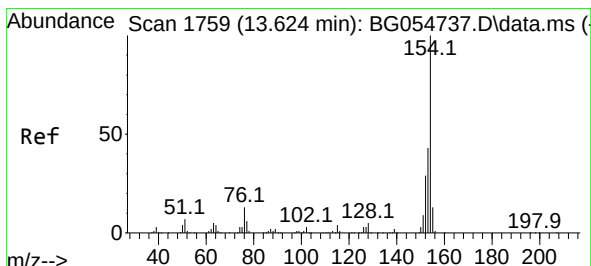
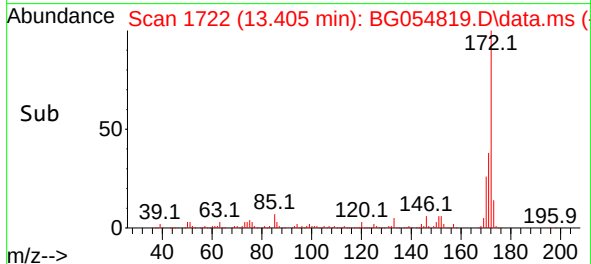
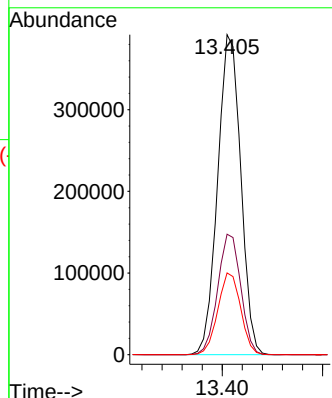
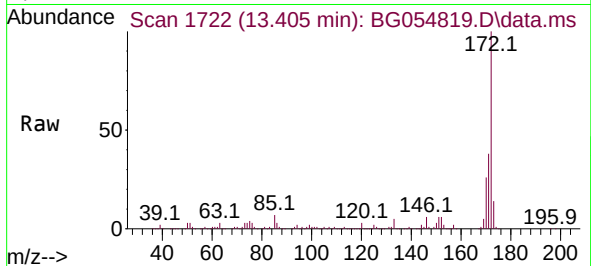




#45  
2-Fluorobiphenyl  
Concen: 79.299 ng  
RT: 13.405 min Scan# 1722  
Delta R.T. -0.007 min  
Lab File: BG054819.D  
Acq: 1 Sep 2022 12:38

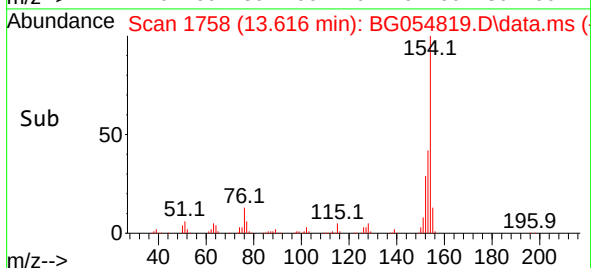
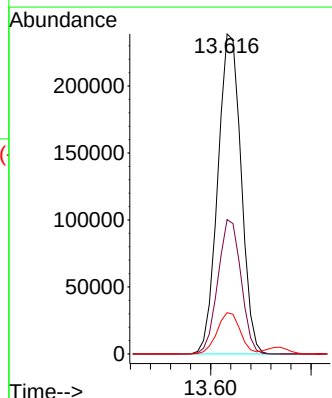
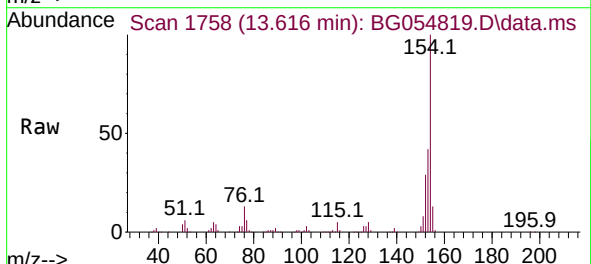
Instrument :  
BNA\_G  
ClientSampleId :  
PB147322BS

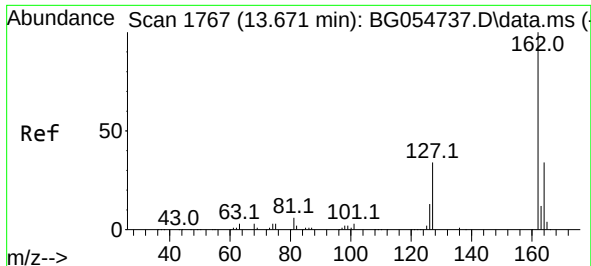
Tgt Ion:172 Resp: 625029  
Ion Ratio Lower Upper  
172 100  
171 37.7 31.2 46.8  
170 25.5 20.6 30.8



#46  
1,1'-Biphenyl  
Concen: 43.643 ng  
RT: 13.616 min Scan# 1758  
Delta R.T. -0.007 min  
Lab File: BG054819.D  
Acq: 1 Sep 2022 12:38

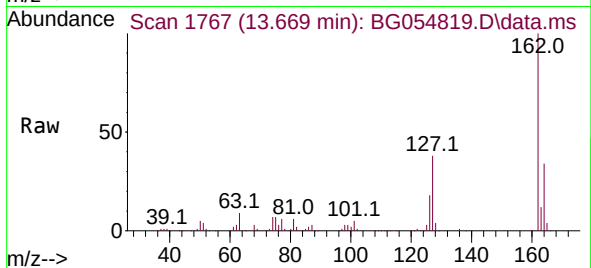
Tgt Ion:154 Resp: 383942  
Ion Ratio Lower Upper  
154 100  
153 42.0 22.2 62.2  
76 12.9 0.0 34.0



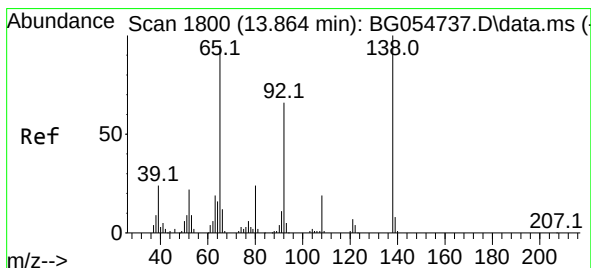
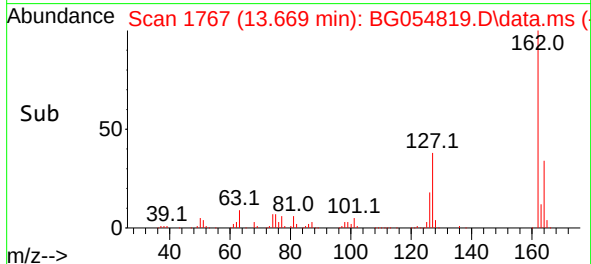
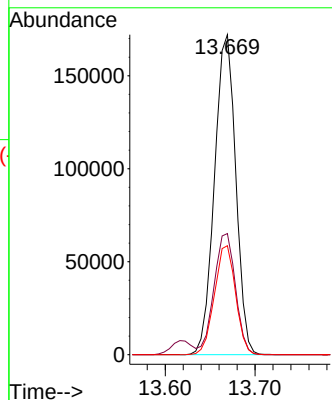


#47  
2-Chloronaphthalene  
Concen: 42.362 ng  
RT: 13.669 min Scan# 1  
Delta R.T. -0.001 min  
Lab File: BG054819.D  
Acq: 1 Sep 2022 12:38

Instrument :  
BNA\_G  
ClientSampleId :  
PB147322BS

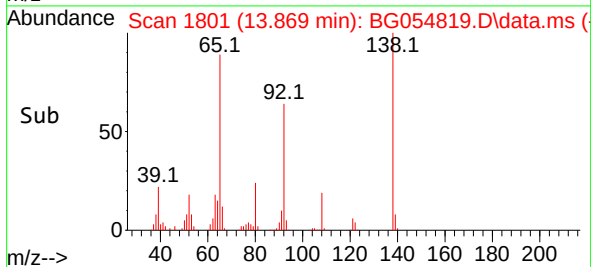
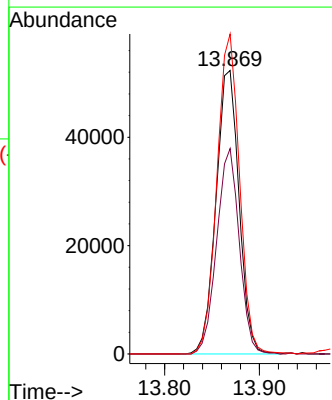
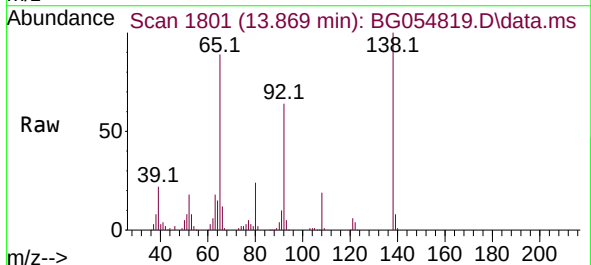


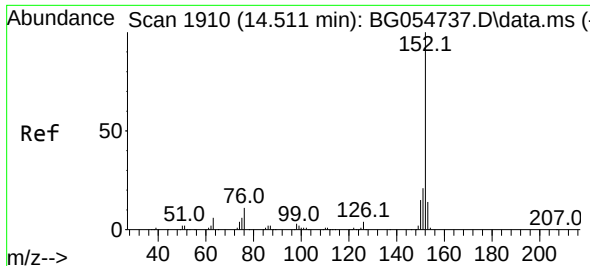
Tgt Ion:162 Resp: 283028  
Ion Ratio Lower Upper  
162 100  
127 37.9 31.5 47.3  
164 34.0 27.8 41.6



#48  
2-Nitroaniline  
Concen: 42.203 ng  
RT: 13.869 min Scan# 1801  
Delta R.T. 0.005 min  
Lab File: BG054819.D  
Acq: 1 Sep 2022 12:38

Tgt Ion: 65 Resp: 88367  
Ion Ratio Lower Upper  
65 100  
92 72.5 54.7 82.1  
138 112.9 84.1 126.1

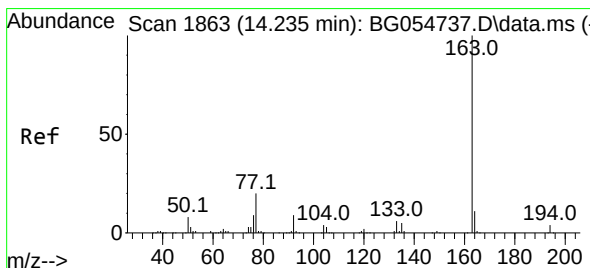
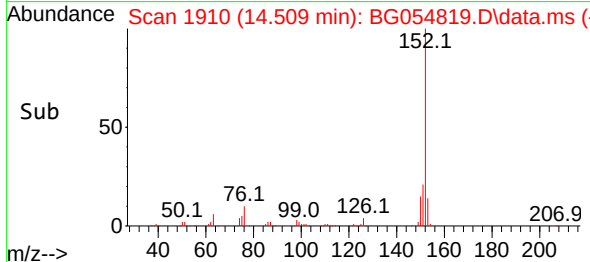
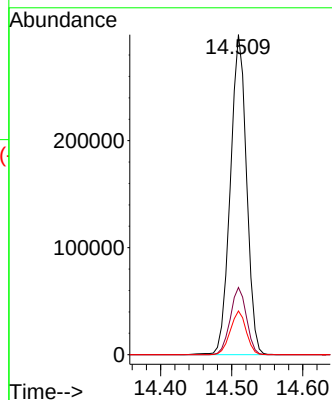
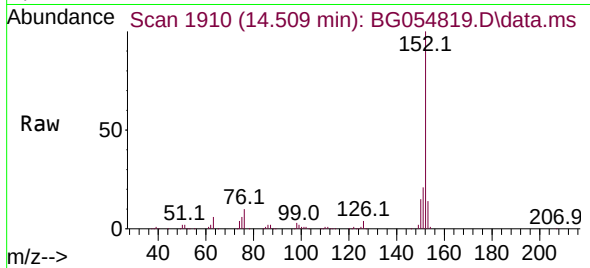




#49  
Acenaphthylene  
Concen: 42.875 ng  
RT: 14.509 min Scan# 1910  
Delta R.T. -0.001 min  
Lab File: BG054819.D  
Acq: 1 Sep 2022 12:38

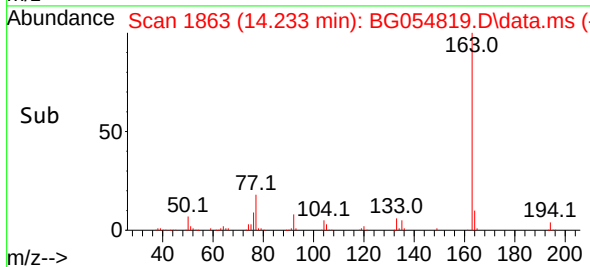
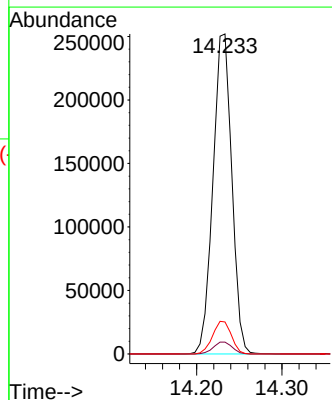
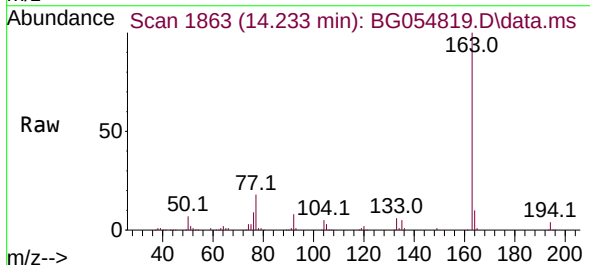
Instrument :  
BNA\_G  
ClientSampleId :  
PB147322BS

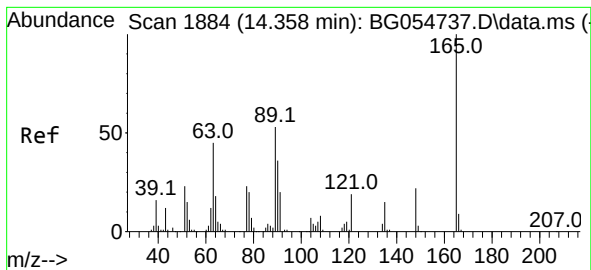
Tgt Ion:152 Resp: 472710  
Ion Ratio Lower Upper  
152 100  
151 21.0 17.3 25.9  
153 13.6 10.8 16.2



#50  
Dimethylphthalate  
Concen: 42.301 ng  
RT: 14.233 min Scan# 1863  
Delta R.T. -0.001 min  
Lab File: BG054819.D  
Acq: 1 Sep 2022 12:38

Tgt Ion:163 Resp: 386076  
Ion Ratio Lower Upper  
163 100  
194 3.7 3.0 4.4  
164 10.0 8.0 12.0

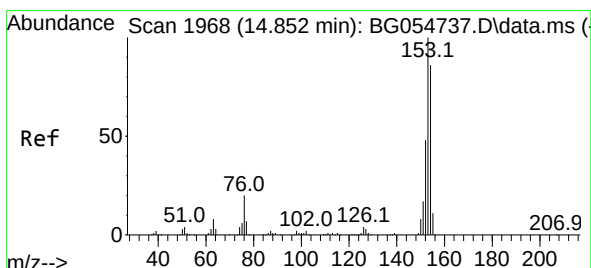
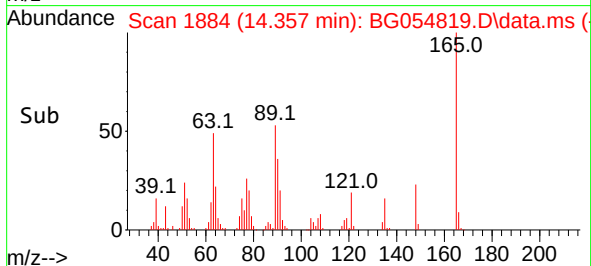
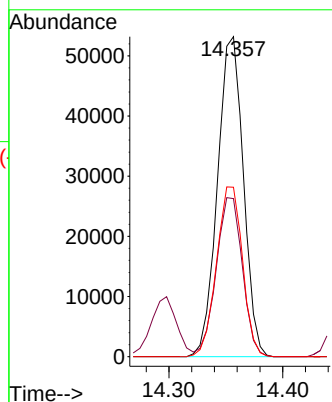
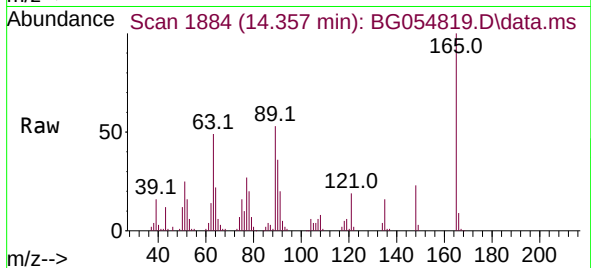




#51  
2,6-Dinitrotoluene  
Concen: 45.067 ng  
RT: 14.357 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: BG054819.D  
Acq: 1 Sep 2022 12:38

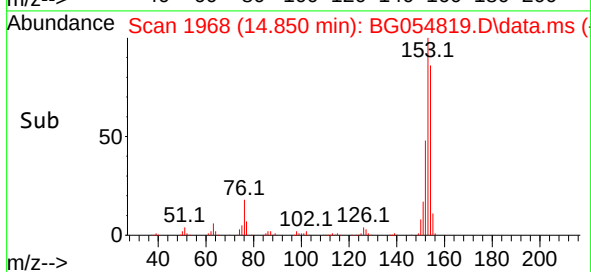
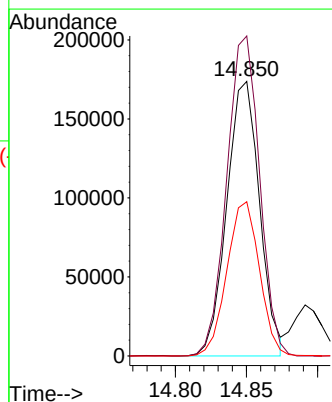
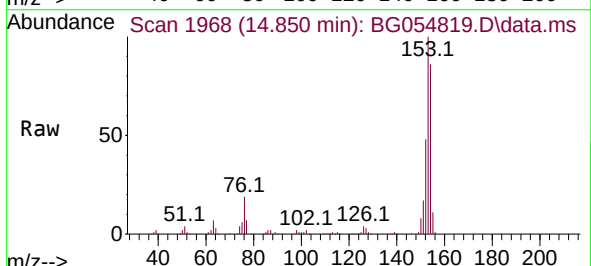
Instrument :  
BNA\_G  
ClientSampleId :  
PB147322BS

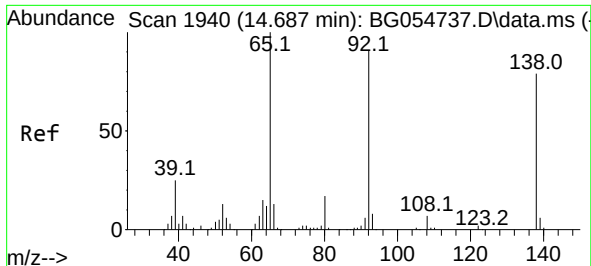
Tgt Ion:165 Resp: 84131  
Ion Ratio Lower Upper  
165 100  
63 49.4 46.0 69.0  
89 53.0 50.3 75.5



#52  
Acenaphthene  
Concen: 39.429 ng  
RT: 14.850 min Scan# 1968  
Delta R.T. -0.001 min  
Lab File: BG054819.D  
Acq: 1 Sep 2022 12:38

Tgt Ion:154 Resp: 279240  
Ion Ratio Lower Upper  
154 100  
153 116.5 92.8 139.2  
152 56.2 45.4 68.2

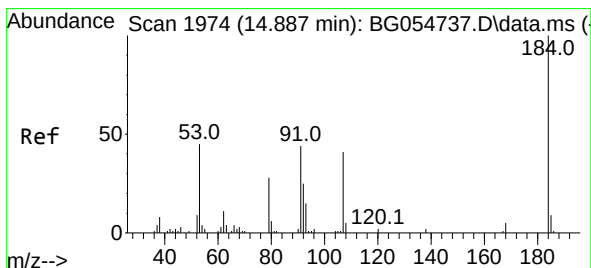
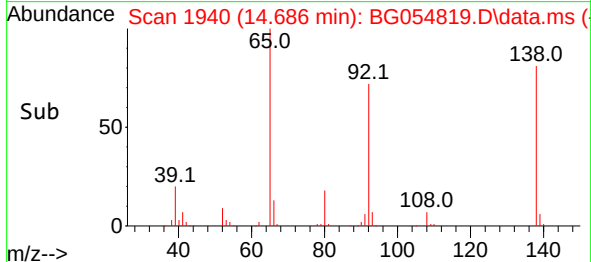
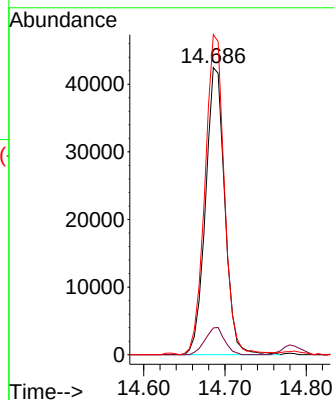
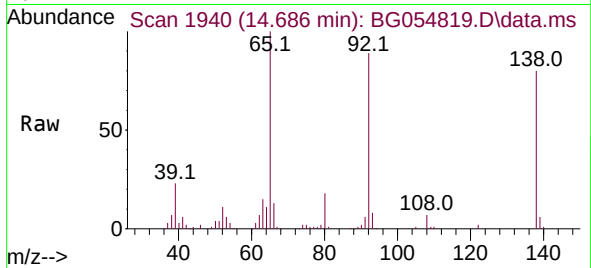




#53  
3-Nitroaniline  
Concen: 33.482 ng  
RT: 14.686 min Scan# 1940  
Delta R.T. -0.001 min  
Lab File: BG054819.D  
Acq: 1 Sep 2022 12:38

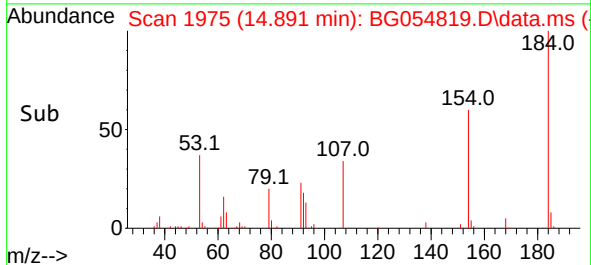
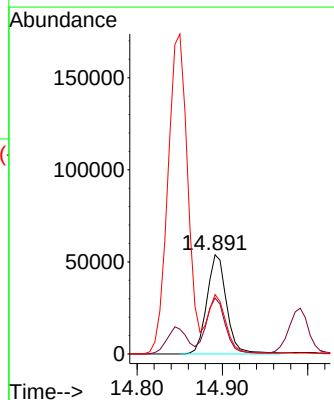
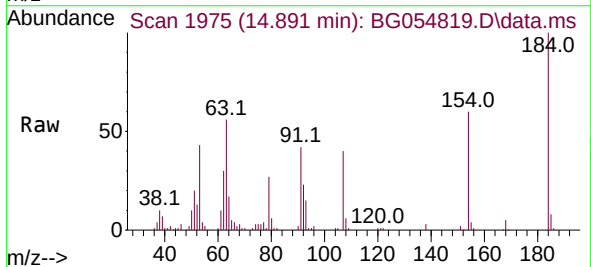
Instrument :  
BNA\_G  
ClientSampleId :  
PB147322BS

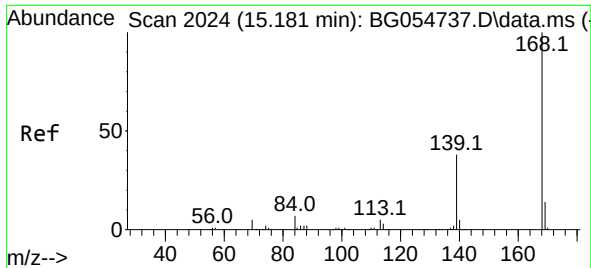
Tgt Ion:138 Resp: 69970  
Ion Ratio Lower Upper  
138 100  
108 9.3 7.6 11.4  
92 111.5 96.0 144.0



#54  
2,4-Dinitrophenol  
Concen: 81.852 ng  
RT: 14.891 min Scan# 1975  
Delta R.T. 0.004 min  
Lab File: BG054819.D  
Acq: 1 Sep 2022 12:38

Tgt Ion:184 Resp: 86413  
Ion Ratio Lower Upper  
184 100  
63 56.5 41.8 62.8  
154 59.9 45.2 67.8

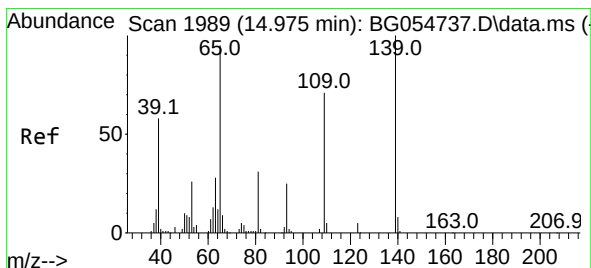
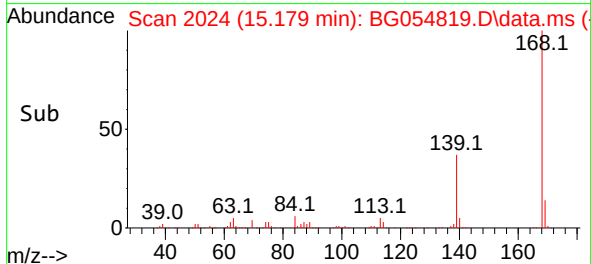
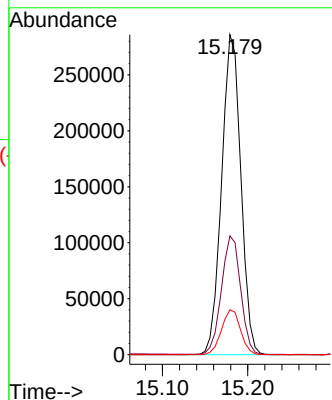
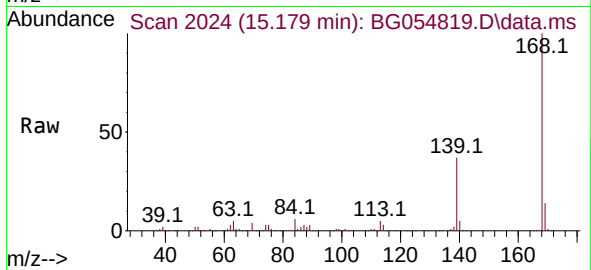




#55  
Dibenzofuran  
Concen: 42.973 ng  
RT: 15.179 min Scan# 20  
Delta R.T. -0.001 min  
Lab File: BG054819.D  
Acq: 1 Sep 2022 12:38

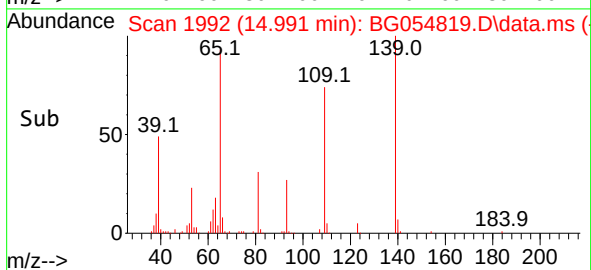
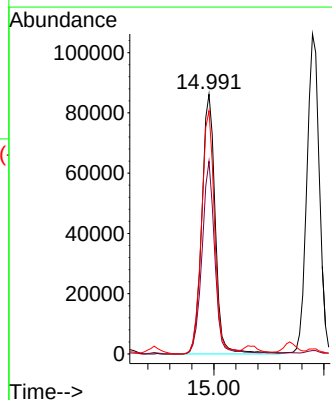
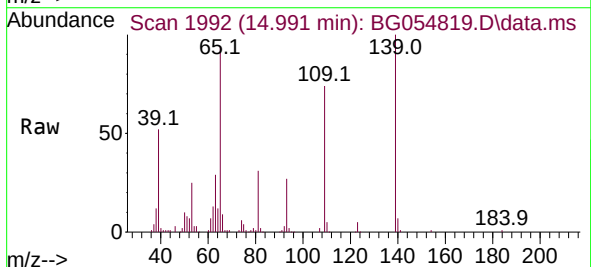
Instrument :  
BNA\_G  
ClientSampleId :  
PB147322BS

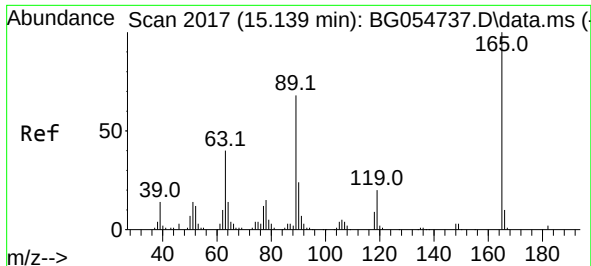
Tgt Ion:168 Resp: 447201  
Ion Ratio Lower Upper  
168 100  
139 37.1 30.2 45.2  
169 14.1 11.3 16.9



#56  
4-Nitrophenol  
Concen: 90.256 ng  
RT: 14.991 min Scan# 1992  
Delta R.T. 0.016 min  
Lab File: BG054819.D  
Acq: 1 Sep 2022 12:38

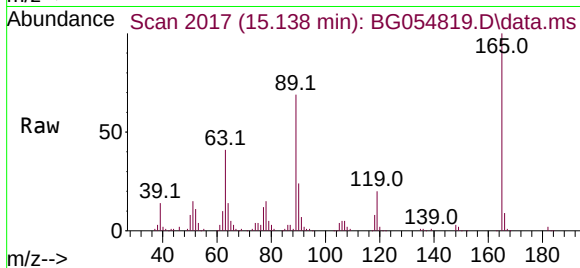
Tgt Ion:139 Resp: 145962  
Ion Ratio Lower Upper  
139 100  
109 74.2 50.5 90.5  
65 93.7 79.9 119.9



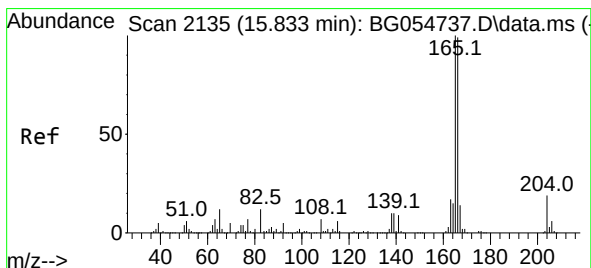
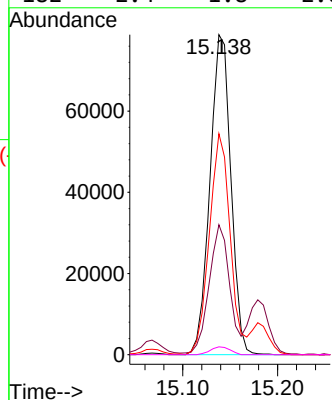
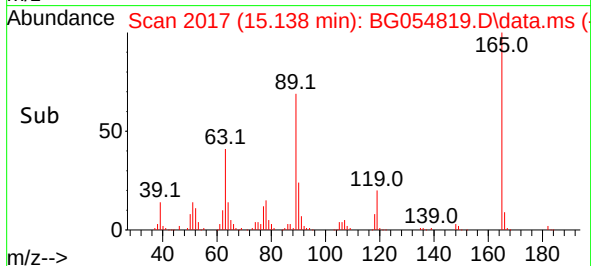


#57  
2,4-Dinitrotoluene  
Concen: 46.771 ng  
RT: 15.138 min Scan# 2017  
Delta R.T. -0.001 min  
Lab File: BG054819.D  
Acq: 1 Sep 2022 12:38

Instrument :  
BNA\_G  
ClientSampleId :  
PB147322BS

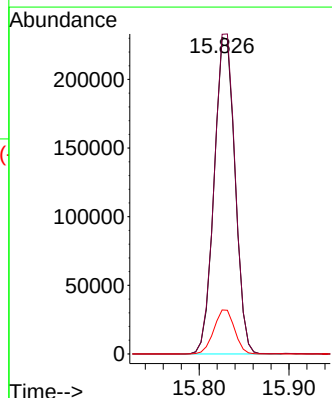
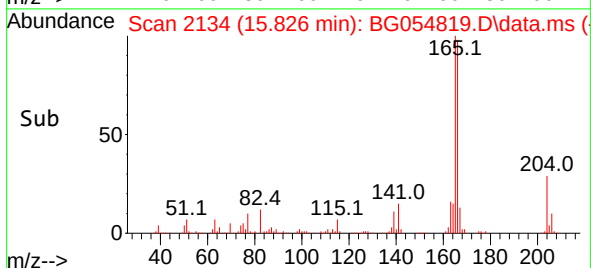
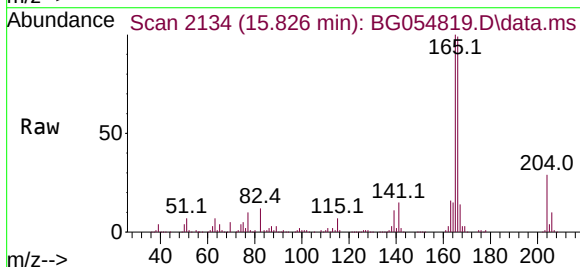


Tgt Ion:165 Resp: 120767  
Ion Ratio Lower Upper  
165 100  
63 40.6 36.8 55.2  
89 69.0 64.3 96.5  
182 2.4 1.8 2.6

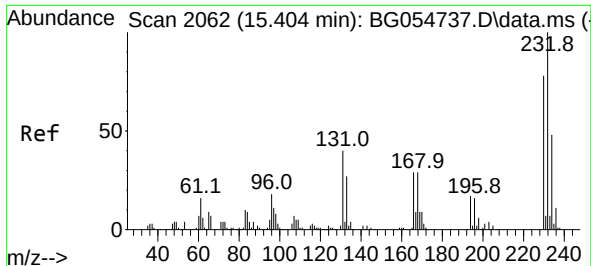


#58  
Fluorene  
Concen: 42.452 ng  
RT: 15.826 min Scan# 2134  
Delta R.T. -0.007 min  
Lab File: BG054819.D  
Acq: 1 Sep 2022 12:38

Tgt Ion:166 Resp: 372169  
Ion Ratio Lower Upper  
166 100  
165 101.0 80.8 121.2  
167 13.9 11.4 17.0



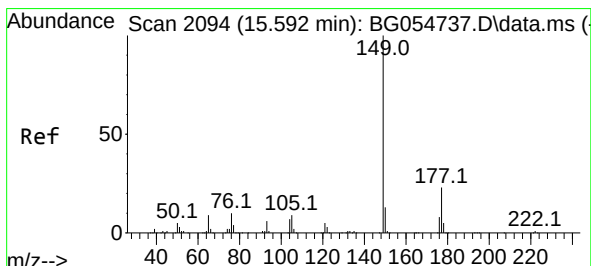
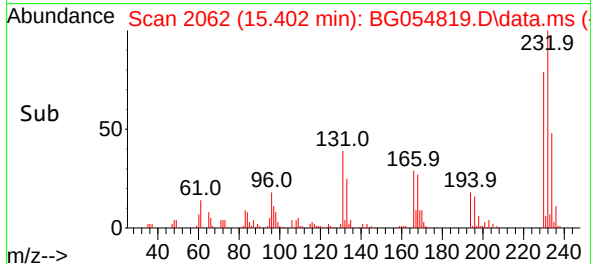
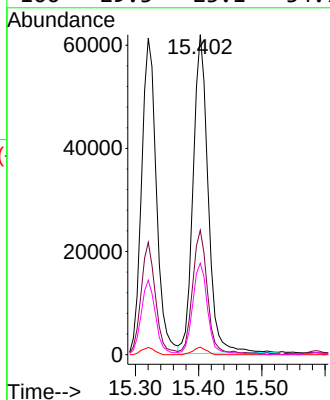
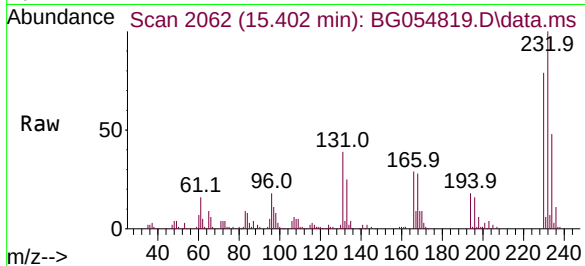




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 42.494 ng  
RT: 15.402 min Scan# 2062  
Delta R.T. -0.001 min  
Lab File: BG054819.D  
Acq: 1 Sep 2022 12:38

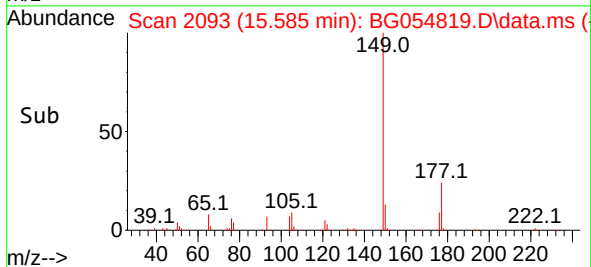
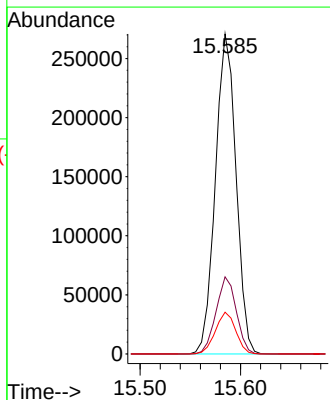
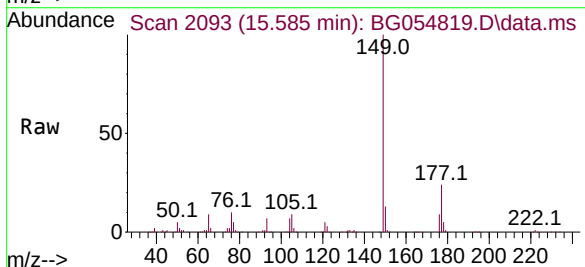
Instrument :  
BNA\_G  
ClientSampleId :  
PB147322BS

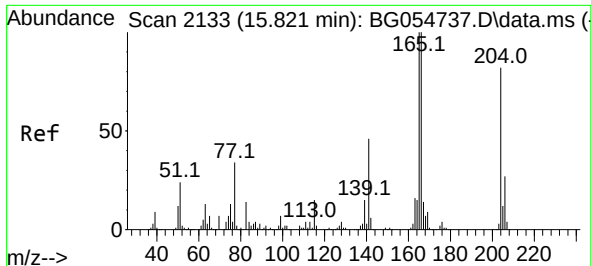
Tgt Ion:232 Resp: 101968  
Ion Ratio Lower Upper  
232 100  
131 38.3 31.3 46.9  
130 2.1 1.8 2.6  
166 29.3 23.1 34.7



#60  
Diethylphthalate  
Concen: 42.379 ng  
RT: 15.585 min Scan# 2093  
Delta R.T. -0.007 min  
Lab File: BG054819.D  
Acq: 1 Sep 2022 12:38

Tgt Ion:149 Resp: 386231  
Ion Ratio Lower Upper  
149 100  
177 24.1 17.8 26.6  
150 13.1 10.1 15.1

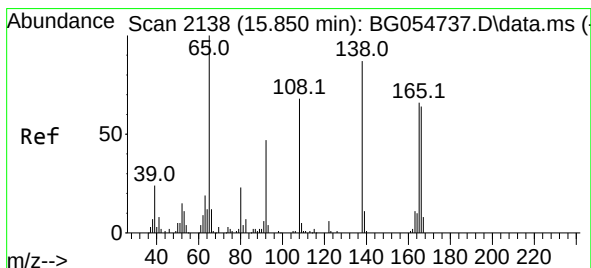
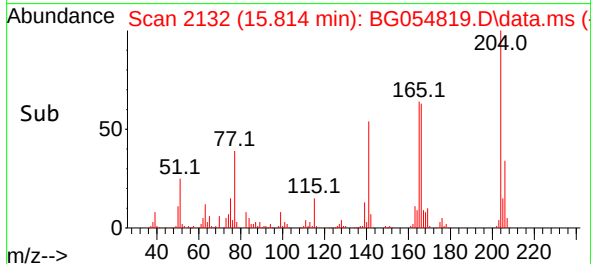
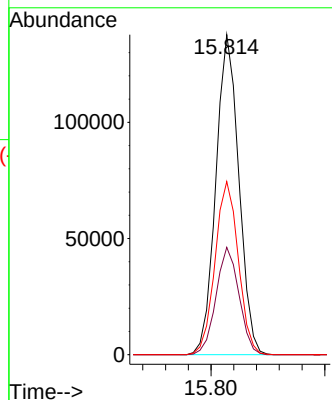
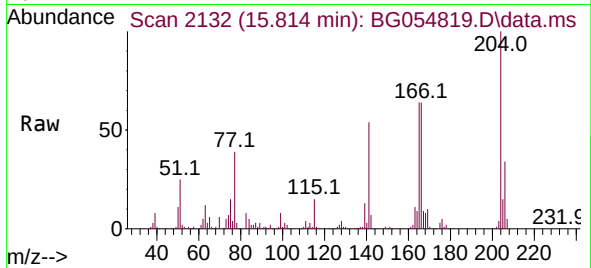




#61  
4-Chlorophenyl-phenylether  
Concen: 44.724 ng  
RT: 15.814 min Scan# 2132  
Delta R.T. -0.007 min  
Lab File: BG054819.D  
Acq: 1 Sep 2022 12:38

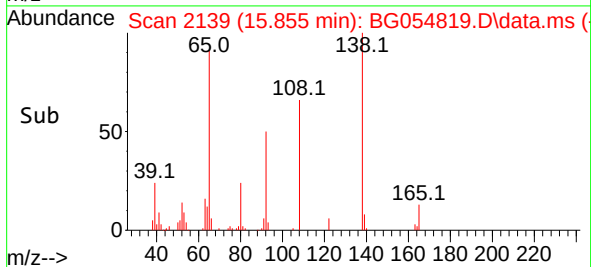
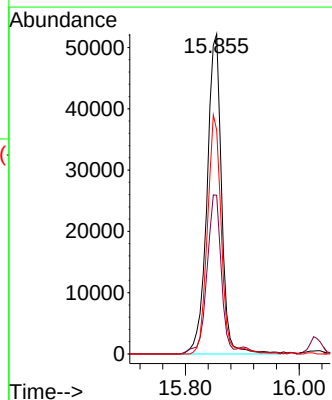
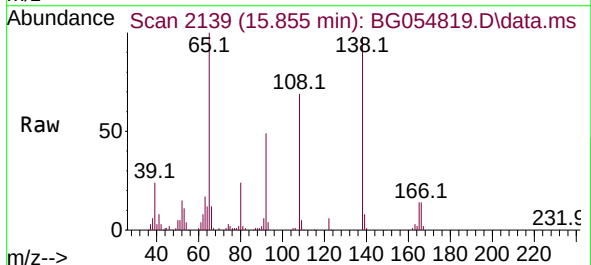
Instrument :  
BNA\_G  
ClientSampleId :  
PB147322BS

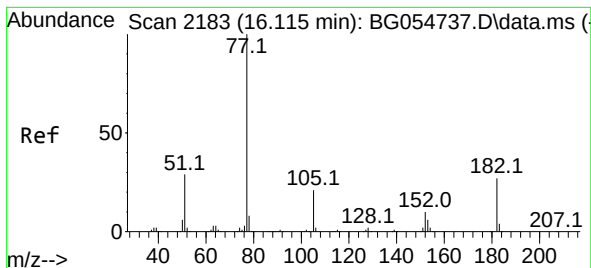
Tgt Ion:204 Resp: 193424  
Ion Ratio Lower Upper  
204 100  
206 33.6 26.6 39.8  
141 54.1 44.9 67.3



#62  
4-Nitroaniline  
Concen: 43.319 ng  
RT: 15.855 min Scan# 2139  
Delta R.T. 0.005 min  
Lab File: BG054819.D  
Acq: 1 Sep 2022 12:38

Tgt Ion:138 Resp: 92425  
Ion Ratio Lower Upper  
138 100  
92 49.6 34.7 74.7  
108 70.0 56.2 96.2





#63

Azobenzene

Concen: 39.927 ng

RT: 16.108 min Scan# 21

Delta R.T. -0.007 min

Lab File: BG054819.D

Acq: 1 Sep 2022 12:38

Instrument :

BNA\_G

ClientSampleId :

PB147322BS

Tgt Ion: 77 Resp: 345819

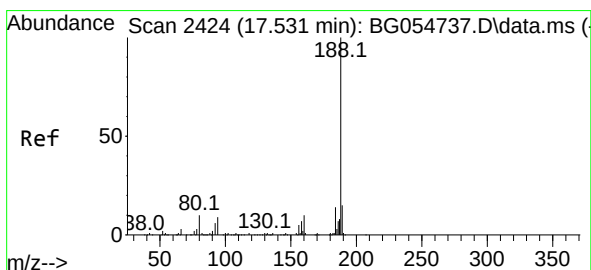
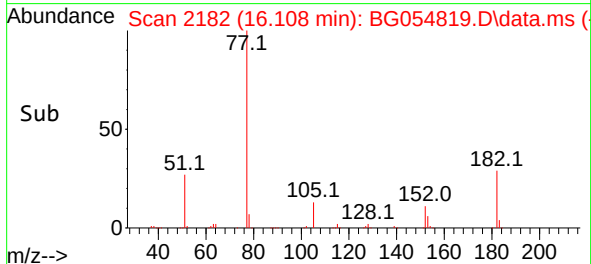
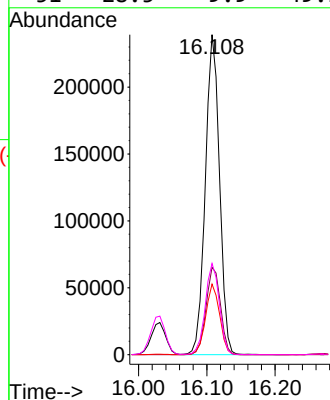
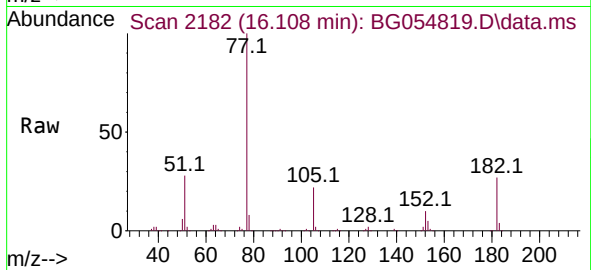
Ion Ratio Lower Upper

77 100

182 27.3 5.1 45.1

105 22.1 0.7 40.7

51 28.5 9.9 49.9



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.529 min Scan# 2424

Delta R.T. -0.001 min

Lab File: BG054819.D

Acq: 1 Sep 2022 12:38

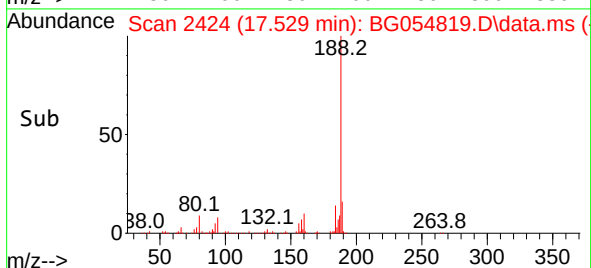
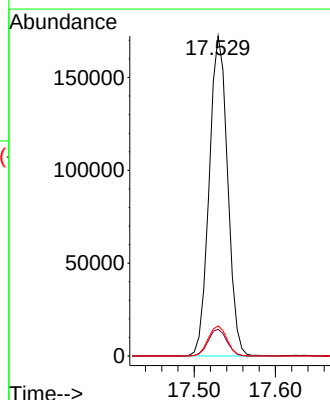
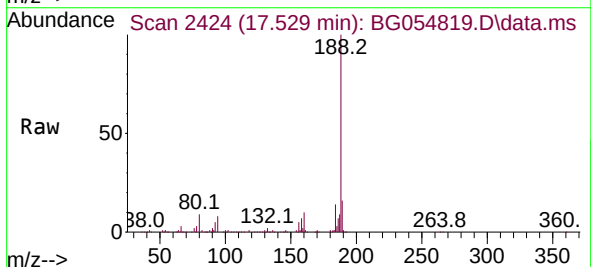
Tgt Ion:188 Resp: 270795

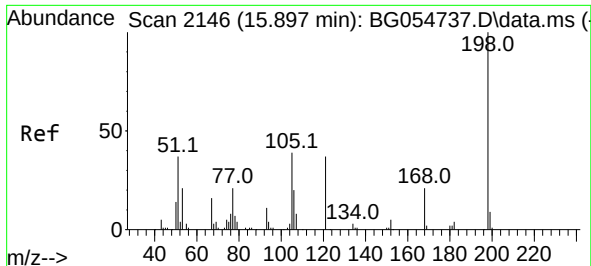
Ion Ratio Lower Upper

188 100

94 8.4 7.0 10.4

80 9.4 7.9 11.9

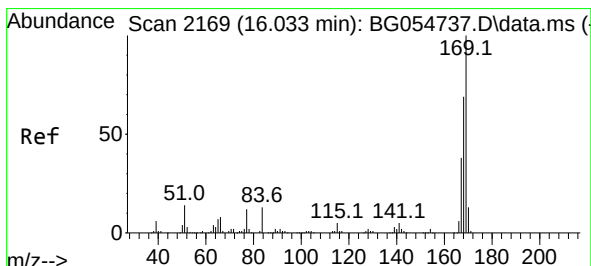
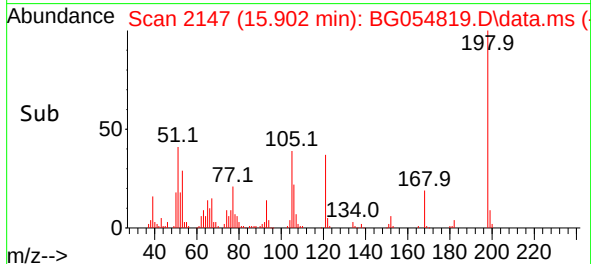
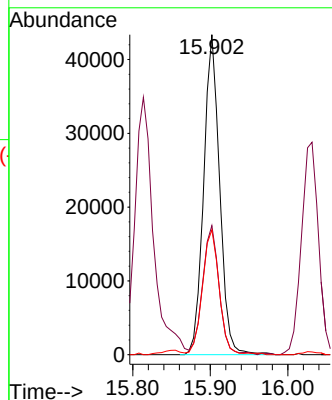
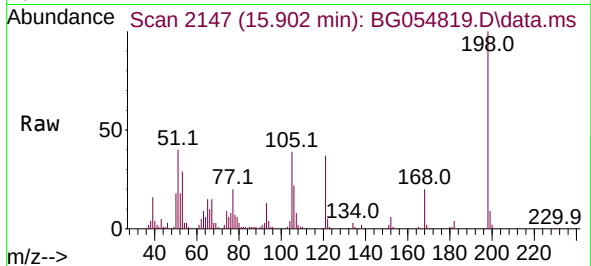




#65  
4,6-Dinitro-2-methylphenol  
Concen: 45.169 ng  
RT: 15.902 min Scan# 2147  
Delta R.T. 0.005 min  
Lab File: BG054819.D  
Acq: 1 Sep 2022 12:38

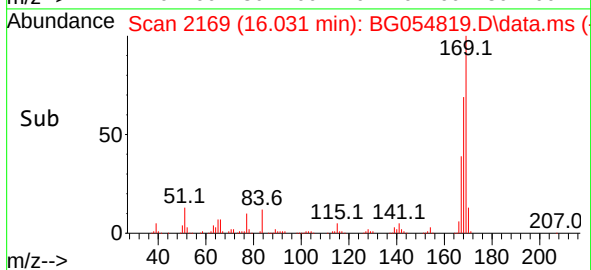
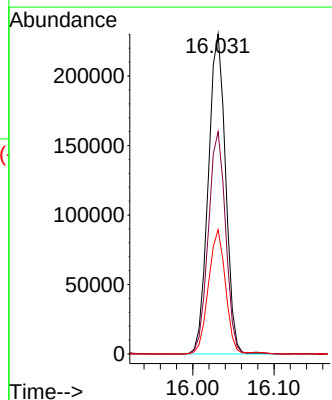
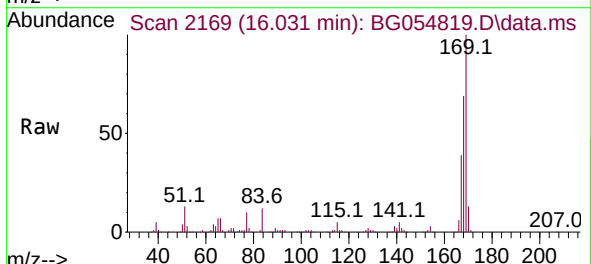
Instrument :  
BNA\_G  
ClientSampleId :  
PB147322BS

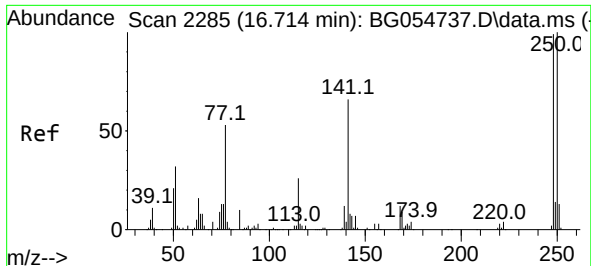
Tgt Ion:198 Resp: 62262  
Ion Ratio Lower Upper  
198 100  
51 40.4 19.9 59.9  
105 39.0 20.3 60.3



#66  
n-Nitrosodiphenylamine  
Concen: 43.464 ng  
RT: 16.031 min Scan# 2169  
Delta R.T. -0.001 min  
Lab File: BG054819.D  
Acq: 1 Sep 2022 12:38

Tgt Ion:169 Resp: 339423  
Ion Ratio Lower Upper  
169 100  
168 69.4 55.6 83.4  
167 38.8 30.9 46.3

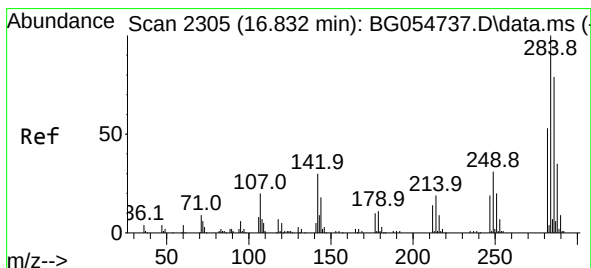
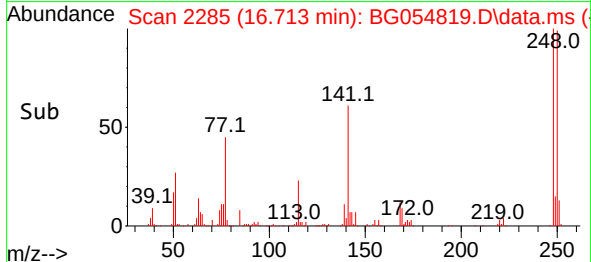
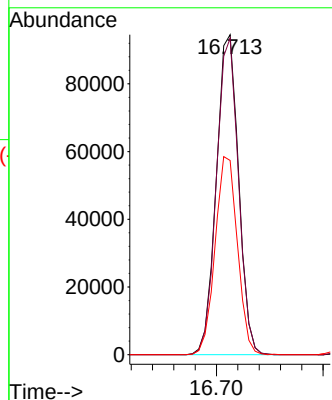
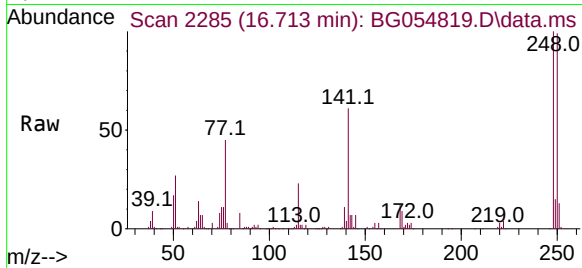




#67  
4-Bromophenyl-phenylether  
Concen: 45.945 ng  
RT: 16.713 min Scan# 21  
Delta R.T. -0.001 min  
Lab File: BG054819.D  
Acq: 1 Sep 2022 12:38

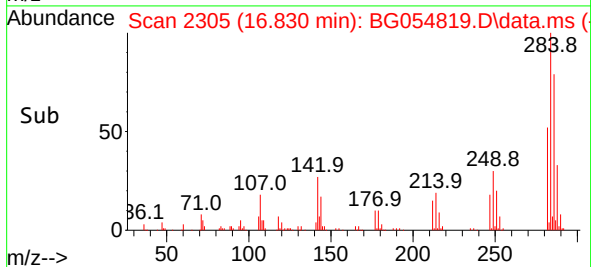
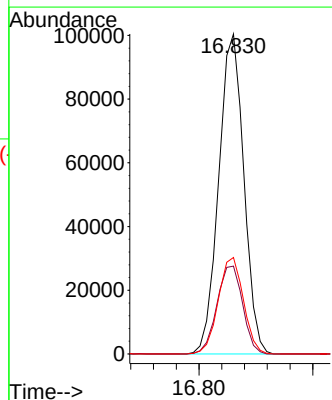
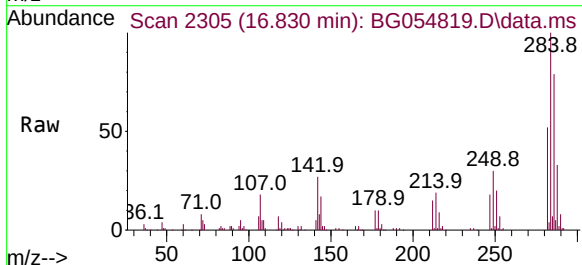
Instrument :  
BNA\_G  
ClientSampleId :  
PB147322BS

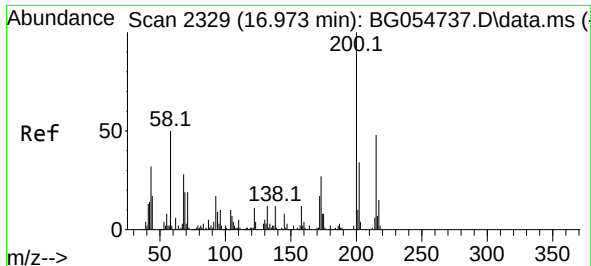
Tgt Ion:248 Resp: 136599  
Ion Ratio Lower Upper  
248 100  
250 98.9 78.8 118.2  
141 60.7 51.9 77.9



#68  
Hexachlorobenzene  
Concen: 46.018 ng  
RT: 16.830 min Scan# 2305  
Delta R.T. -0.001 min  
Lab File: BG054819.D  
Acq: 1 Sep 2022 12:38

Tgt Ion:284 Resp: 153805  
Ion Ratio Lower Upper  
284 100  
142 27.4 25.0 37.6  
249 30.2 24.5 36.7

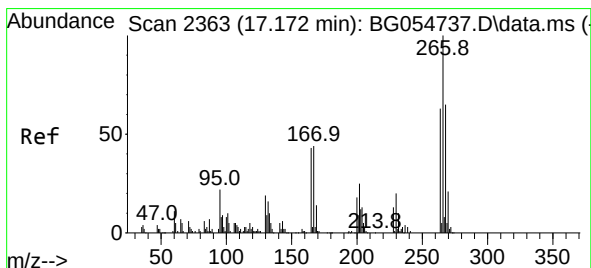
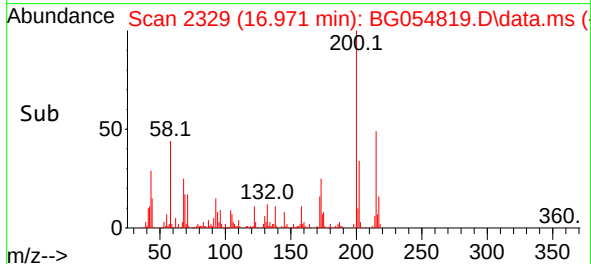
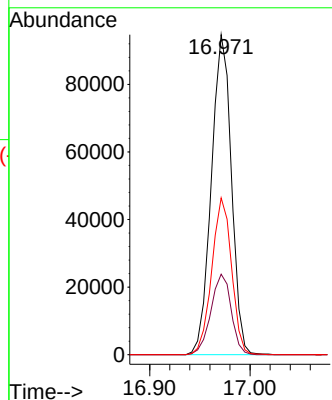
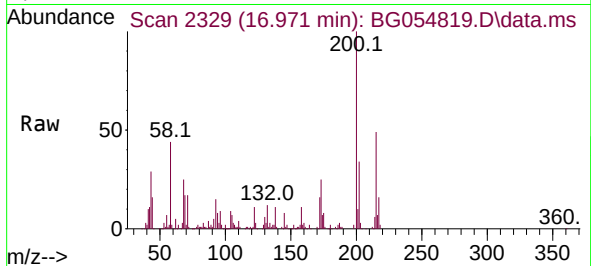




#69  
 Atrazine  
 Concen: 47.623 ng  
 RT: 16.971 min Scan# 21  
 Delta R.T. -0.001 min  
 Lab File: BG054819.D  
 Acq: 1 Sep 2022 12:38

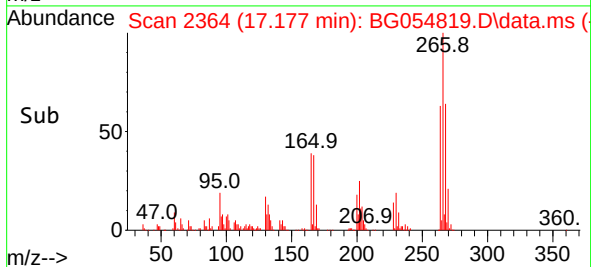
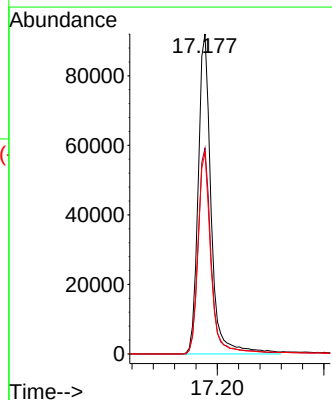
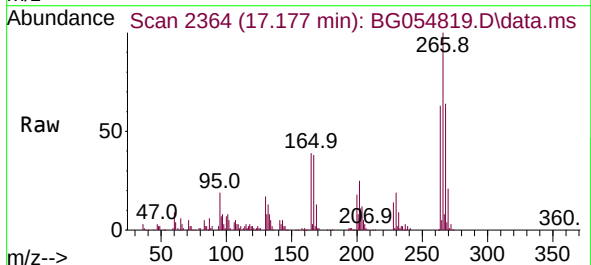
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB147322BS

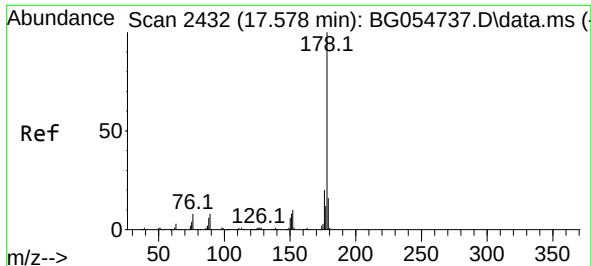
Tgt Ion:200 Resp: 131202  
 Ion Ratio Lower Upper  
 200 100  
 173 25.2 5.6 45.6  
 215 49.0 28.2 68.2



#70  
 Pentachlorophenol  
 Concen: 85.571 ng  
 RT: 17.177 min Scan# 2364  
 Delta R.T. 0.005 min  
 Lab File: BG054819.D  
 Acq: 1 Sep 2022 12:38

Tgt Ion:266 Resp: 155395  
 Ion Ratio Lower Upper  
 266 100  
 268 64.3 51.2 76.8  
 264 63.1 49.4 74.0

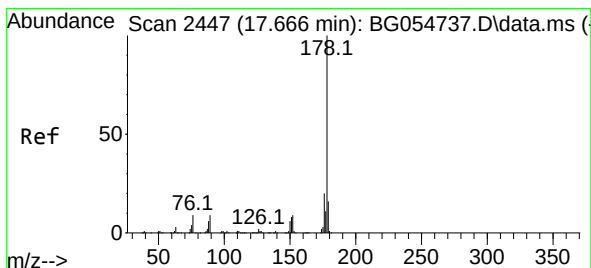
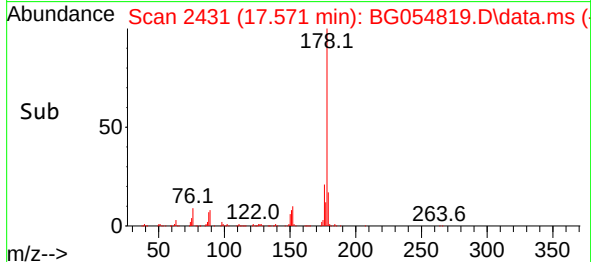
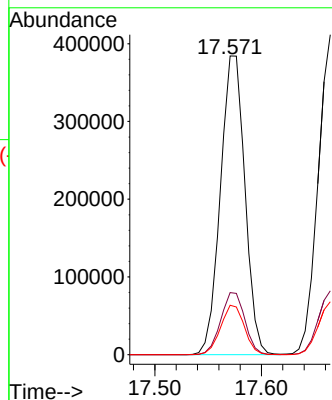
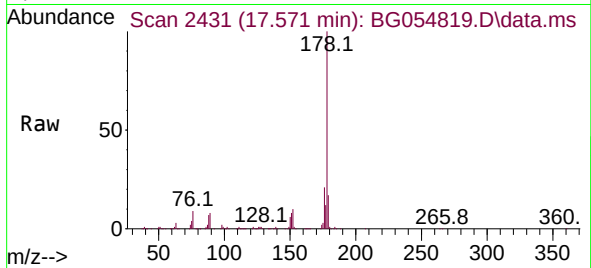




#71  
Phenanthrene  
Concen: 42.587 ng  
RT: 17.571 min Scan# 2432  
Delta R.T. -0.007 min  
Lab File: BG054819.D  
Acq: 1 Sep 2022 12:38

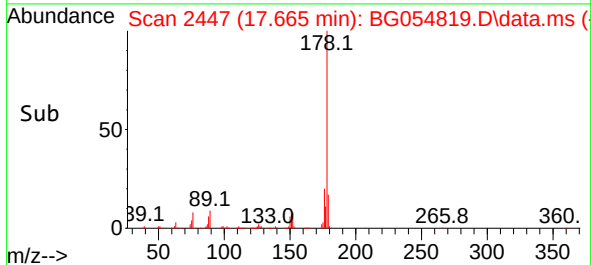
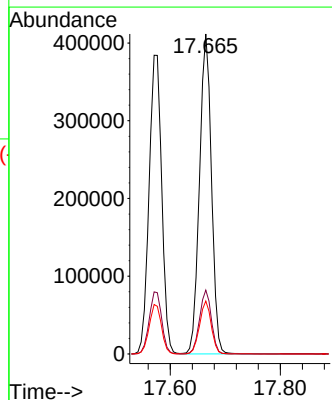
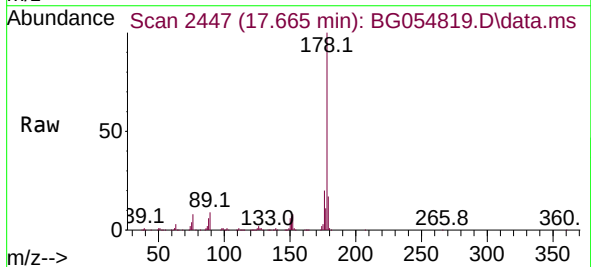
Instrument :  
BNA\_G  
ClientSampleId :  
PB147322BS

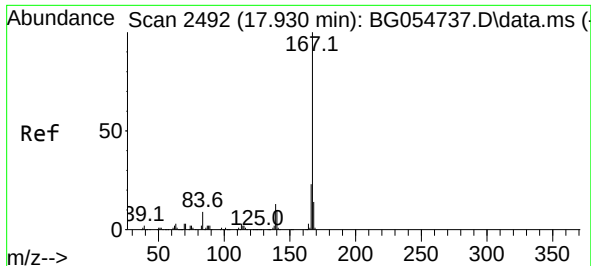
Tgt Ion:178 Resp: 614331  
Ion Ratio Lower Upper  
178 100  
176 20.8 16.6 25.0  
179 16.6 12.8 19.2



#72  
Anthracene  
Concen: 44.339 ng  
RT: 17.665 min Scan# 2447  
Delta R.T. -0.001 min  
Lab File: BG054819.D  
Acq: 1 Sep 2022 12:38

Tgt Ion:178 Resp: 621850  
Ion Ratio Lower Upper  
178 100  
176 19.9 16.2 24.4  
179 16.6 12.9 19.3

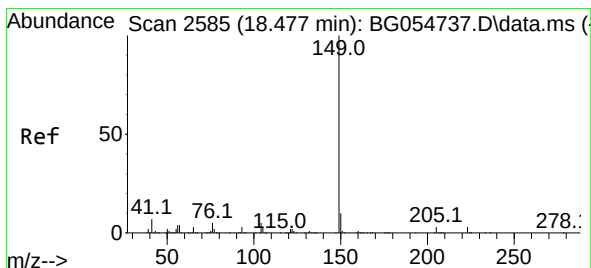
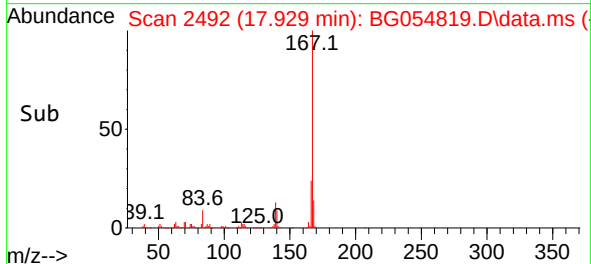
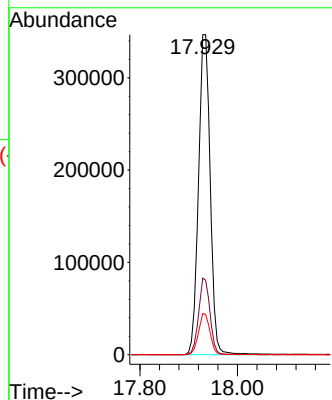
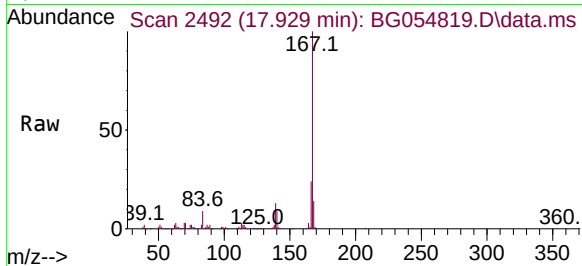




#73  
 Carbazole  
 Concen: 44.990 ng  
 RT: 17.929 min Scan# 2492  
 Delta R.T. -0.001 min  
 Lab File: BG054819.D  
 Acq: 1 Sep 2022 12:38

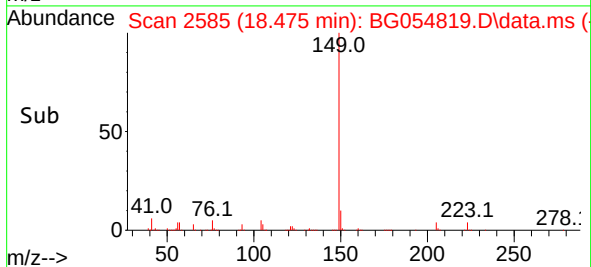
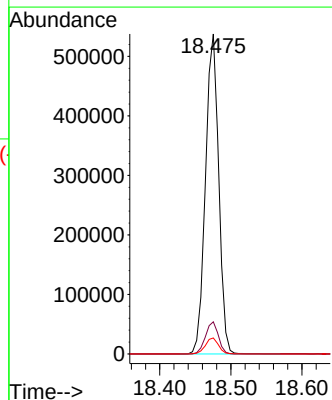
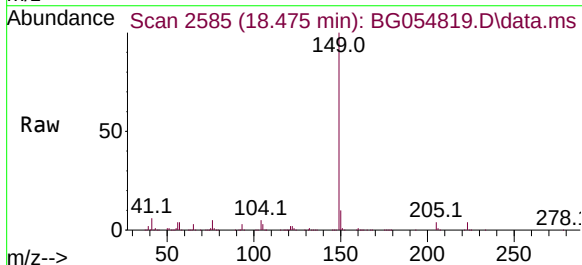
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB147322BS

Tgt Ion:167 Resp: 581355  
 Ion Ratio Lower Upper  
 167 100  
 166 23.9 18.8 28.2  
 139 12.8 10.2 15.4

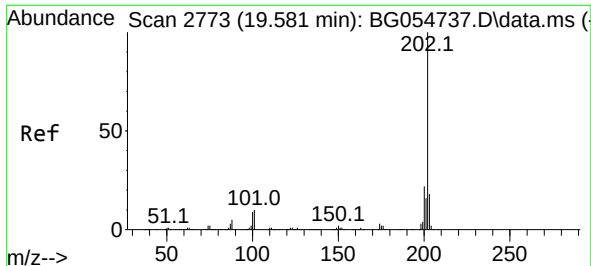


#74  
 Di-n-butylphthalate  
 Concen: 42.568 ng  
 RT: 18.475 min Scan# 2585  
 Delta R.T. -0.001 min  
 Lab File: BG054819.D  
 Acq: 1 Sep 2022 12:38

Tgt Ion:149 Resp: 696035  
 Ion Ratio Lower Upper  
 149 100  
 150 10.0 8.0 12.0  
 104 5.0 4.4 6.6

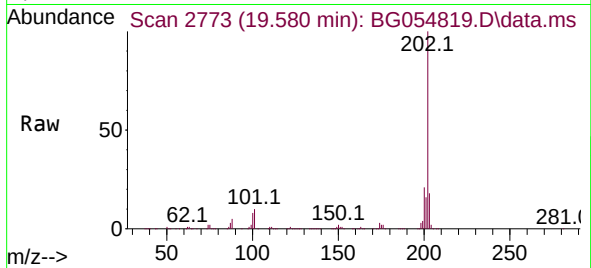




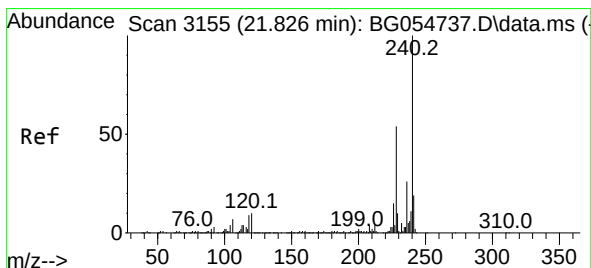
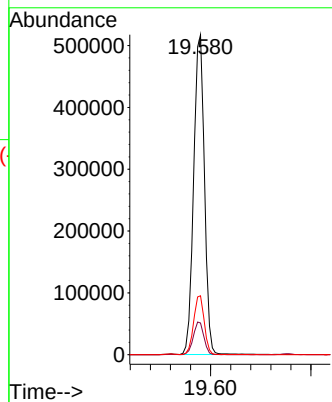
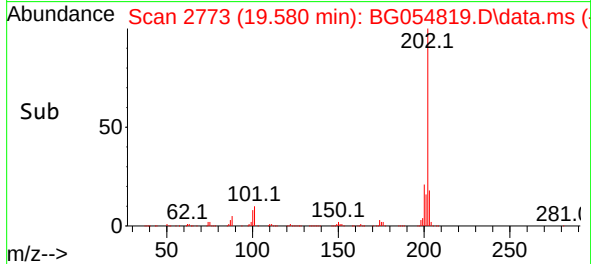


#75  
Fluoranthene  
Concen: 43.825 ng  
RT: 19.580 min Scan# 21  
Delta R.T. -0.001 min  
Lab File: BG054819.D  
Acq: 1 Sep 2022 12:38

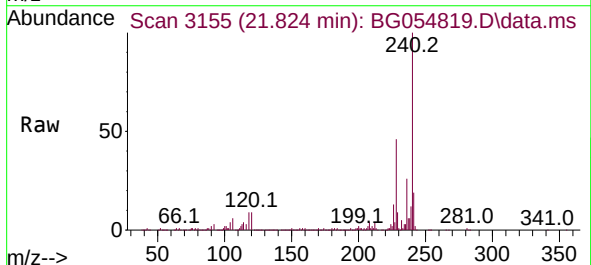
Instrument :  
BNA\_G  
ClientSampleId :  
PB147322BS



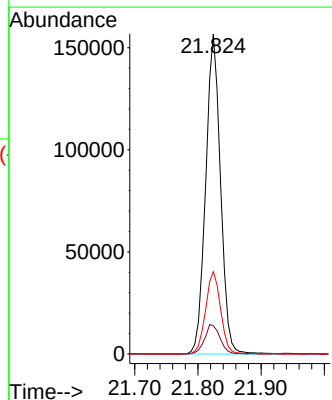
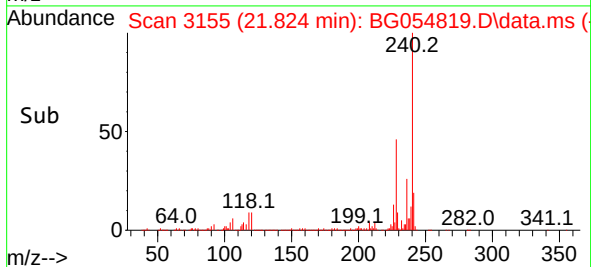
Tgt Ion:202 Resp: 769061  
Ion Ratio Lower Upper  
202 100  
101 9.9 0.0 31.4  
203 18.4 0.0 38.6

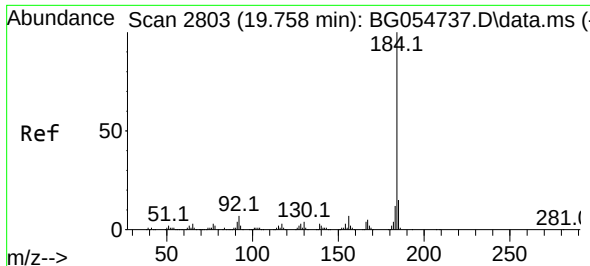


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.824 min Scan# 3155  
Delta R.T. -0.001 min  
Lab File: BG054819.D  
Acq: 1 Sep 2022 12:38



Tgt Ion:240 Resp: 255046  
Ion Ratio Lower Upper  
240 100  
120 8.8 8.2 12.4  
236 25.7 21.2 31.8

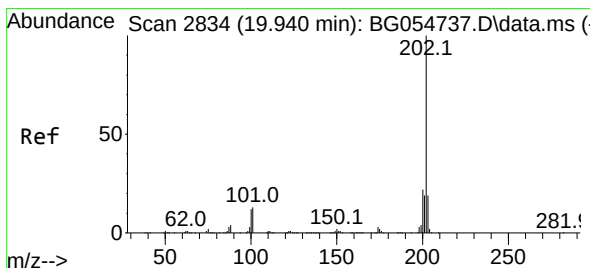
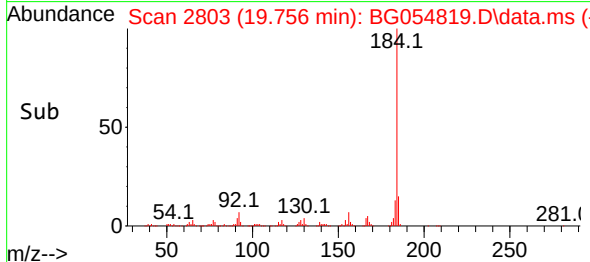
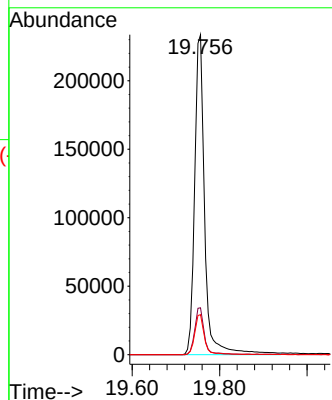
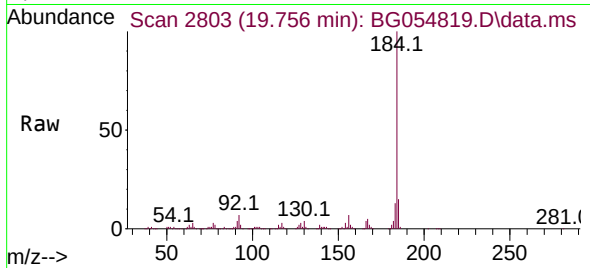




#77  
Benzidine  
Concen: 59.145 ng  
RT: 19.756 min Scan# 2803  
Delta R.T. -0.001 min  
Lab File: BG054819.D  
Acq: 1 Sep 2022 12:38

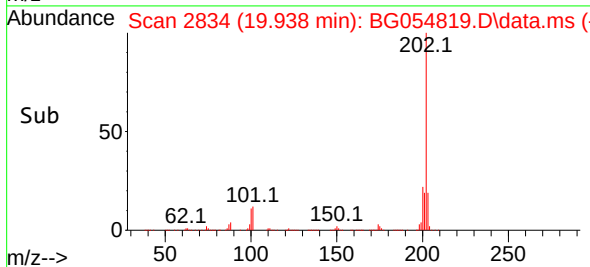
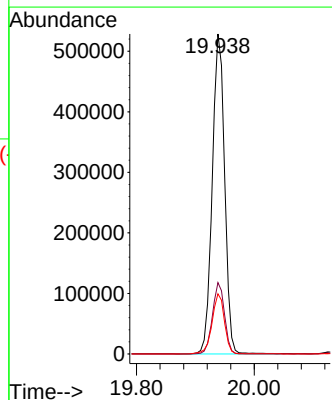
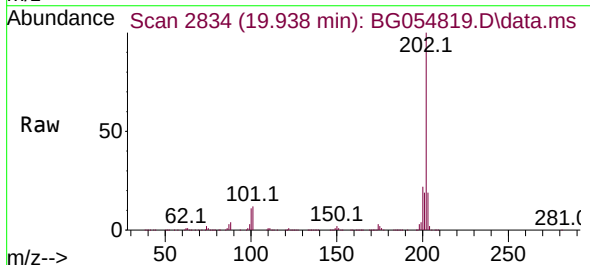
Instrument :  
BNA\_G  
ClientSampleId :  
PB147322BS

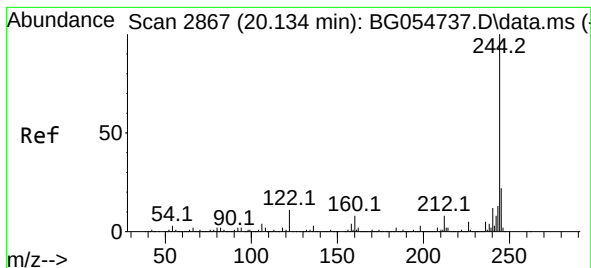
Tgt Ion:184 Resp: 373630  
Ion Ratio Lower Upper  
184 100  
185 14.7 11.4 17.0  
183 12.5 9.8 14.8



#78  
Pyrene  
Concen: 43.403 ng  
RT: 19.938 min Scan# 2834  
Delta R.T. -0.001 min  
Lab File: BG054819.D  
Acq: 1 Sep 2022 12:38

Tgt Ion:202 Resp: 771885  
Ion Ratio Lower Upper  
202 100  
200 22.3 17.8 26.6  
203 18.8 14.6 21.8





#79

Terphenyl-d14

Concen: 85.664 ng

RT: 20.126 min Scan# 21

Delta R.T. -0.007 min

Lab File: BG054819.D

Acq: 1 Sep 2022 12:38

Instrument :

BNA\_G

ClientSampleId :

PB147322BS

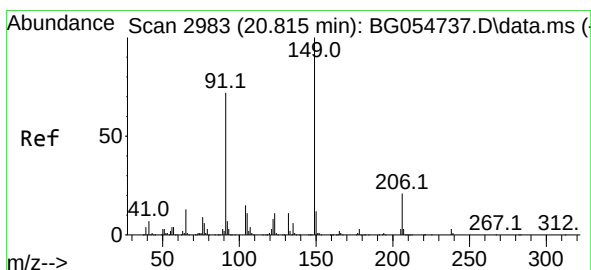
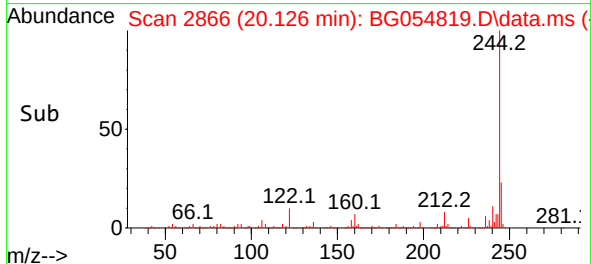
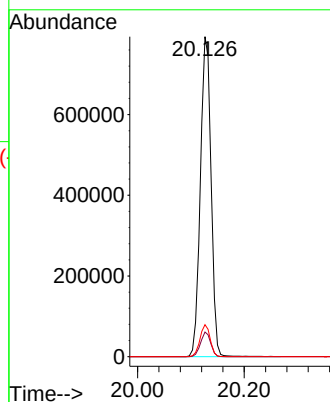
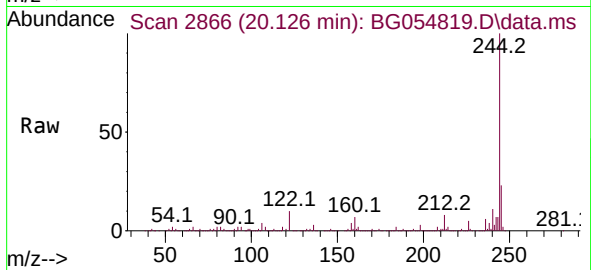
Tgt Ion:244 Resp: 1102674

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

122 10.0 9.0 13.6



#80

Butylbenzylphthalate

Concen: 41.671 ng

RT: 20.808 min Scan# 2982

Delta R.T. -0.007 min

Lab File: BG054819.D

Acq: 1 Sep 2022 12:38

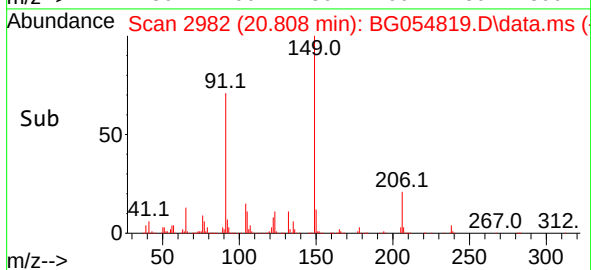
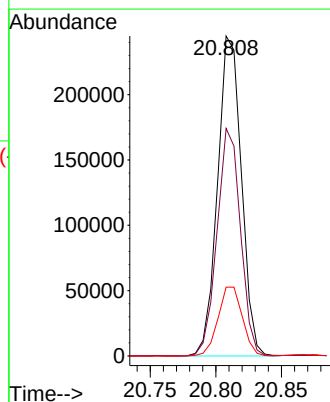
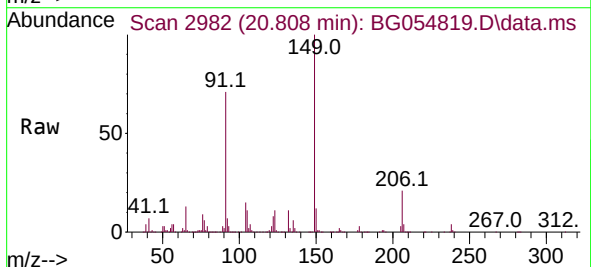
Tgt Ion:149 Resp: 309116

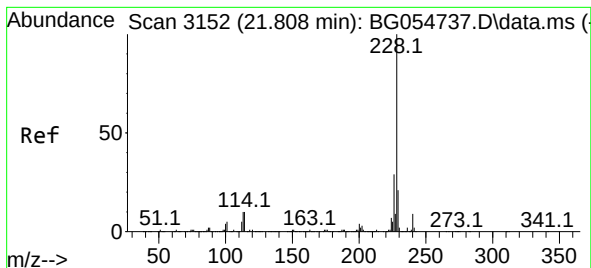
Ion Ratio Lower Upper

149 100

91 71.1 59.5 89.3

206 21.5 16.6 25.0





#81

Benzo(a)anthracene

Concen: 43.092 ng

RT: 21.801 min Scan# 3151

Delta R.T. -0.007 min

Lab File: BG054819.D

Acq: 1 Sep 2022 12:38

Instrument :

BNA\_G

ClientSampleId :

PB147322BS

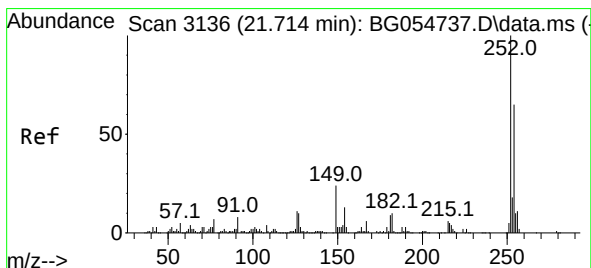
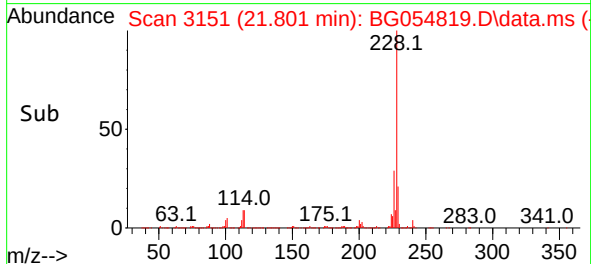
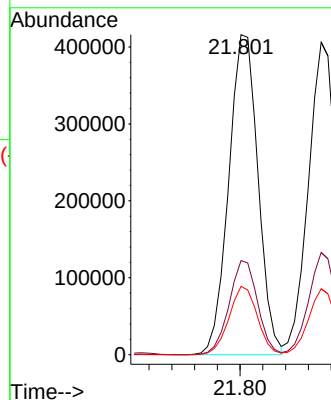
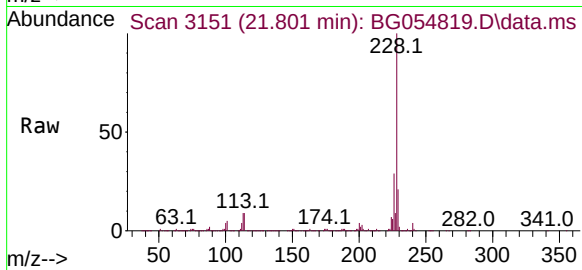
Tgt Ion:228 Resp: 745176

Ion Ratio Lower Upper

228 100

226 29.4 23.4 35.2

229 21.3 16.5 24.7



#82

3,3'-Dichlorobenzidine

Concen: 38.988 ng

RT: 21.713 min Scan# 3136

Delta R.T. -0.001 min

Lab File: BG054819.D

Acq: 1 Sep 2022 12:38

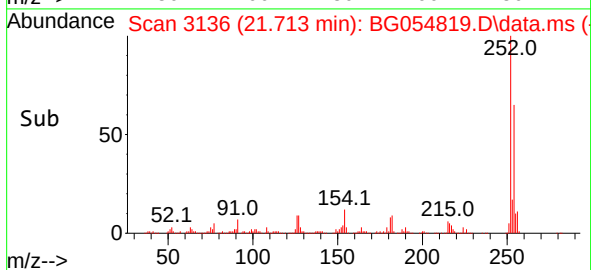
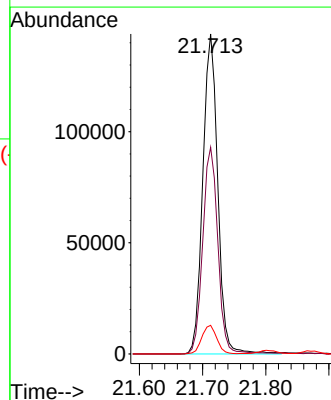
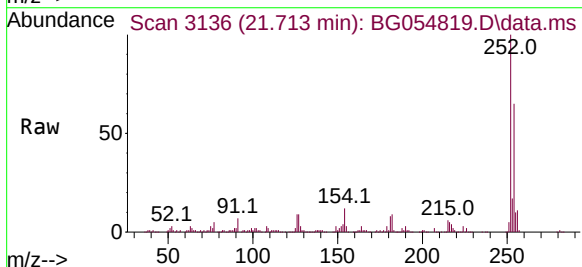
Tgt Ion:252 Resp: 236386

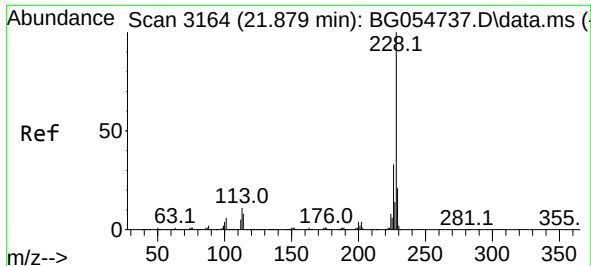
Ion Ratio Lower Upper

252 100

254 64.6 51.4 77.2

126 8.9 8.2 12.2

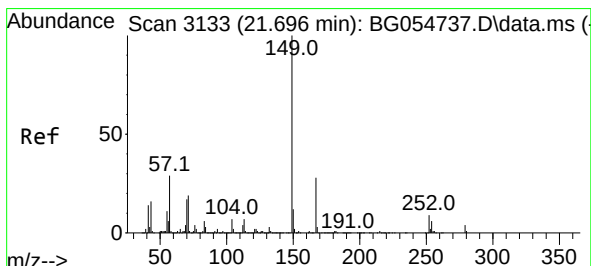
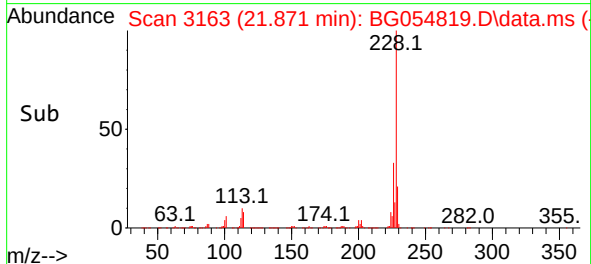
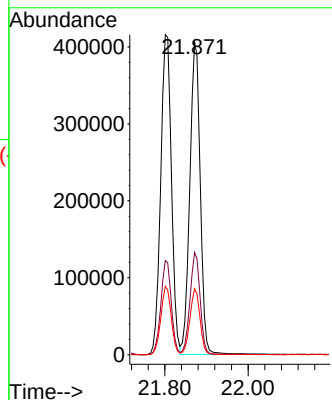
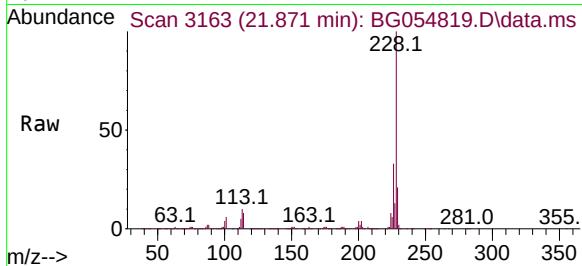




#83  
Chrysene  
Concen: 42.796 ng  
RT: 21.871 min Scan# 3164  
Delta R.T. -0.007 min  
Lab File: BG054819.D  
Acq: 1 Sep 2022 12:38

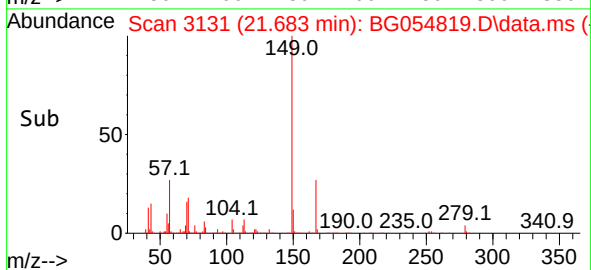
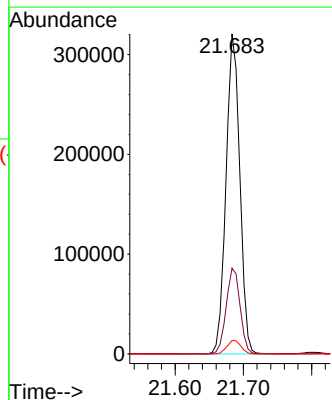
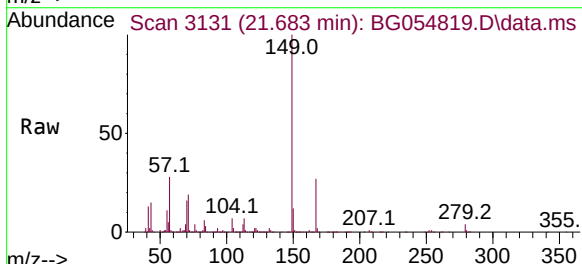
Instrument :  
BNA\_G  
ClientSampleId :  
PB147322BS

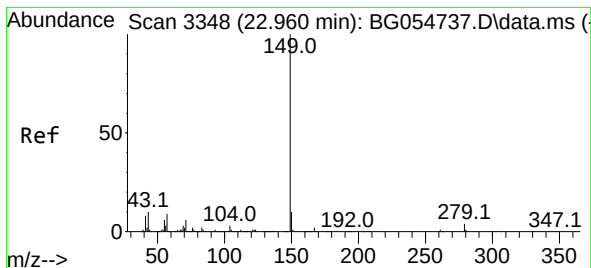
Tgt Ion:228 Resp: 707611  
Ion Ratio Lower Upper  
228 100  
226 32.7 25.5 38.3  
229 21.1 16.8 25.2



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 42.243 ng  
RT: 21.683 min Scan# 3131  
Delta R.T. -0.013 min  
Lab File: BG054819.D  
Acq: 1 Sep 2022 12:38

Tgt Ion:149 Resp: 451474  
Ion Ratio Lower Upper  
149 100  
167 26.8 21.4 32.0  
279 4.2 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 41.615 ng

RT: 22.947 min Scan# 31

Delta R.T. -0.013 min

Lab File: BG054819.D

Acq: 1 Sep 2022 12:38

Instrument :

BNA\_G

ClientSampleId :

PB147322BS

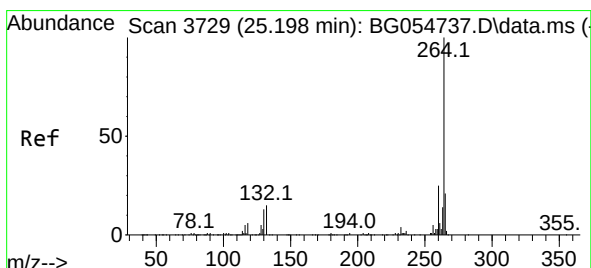
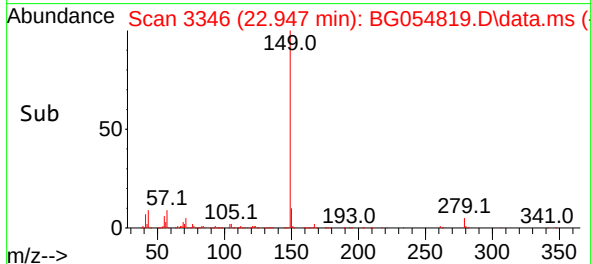
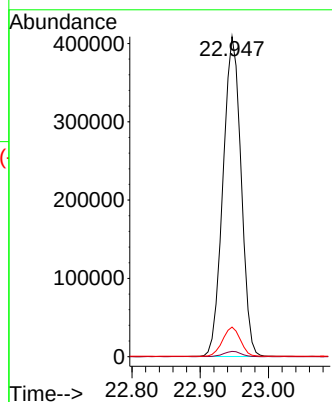
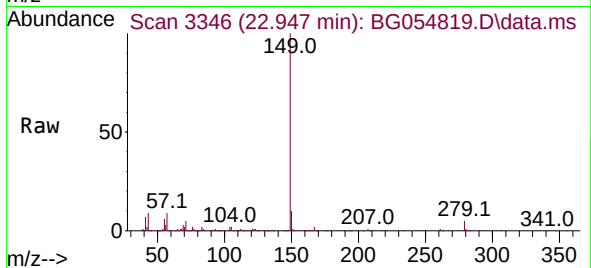
Tgt Ion:149 Resp: 754257

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 8.9 9.0 13.6#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.191 min Scan# 3728

Delta R.T. -0.007 min

Lab File: BG054819.D

Acq: 1 Sep 2022 12:38

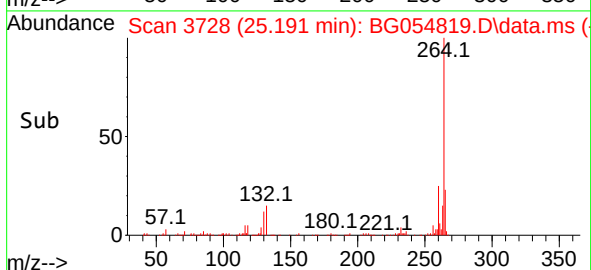
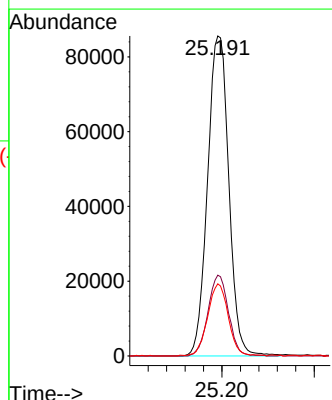
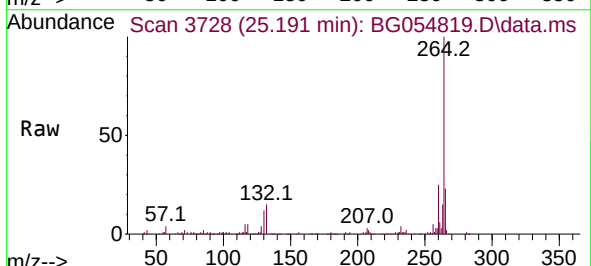
Tgt Ion:264 Resp: 273886

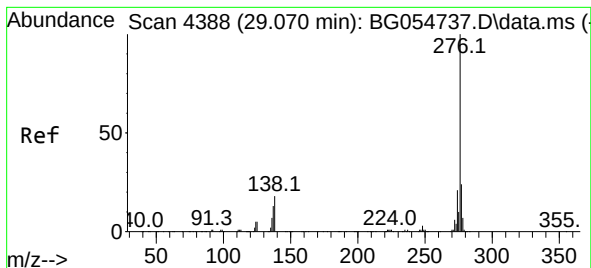
Ion Ratio Lower Upper

264 100

260 25.3 19.9 29.9

265 22.6 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.442 ng

RT: 29.069 min Scan# 41

Delta R.T. -0.001 min

Lab File: BG054819.D

Acq: 1 Sep 2022 12:38

Instrument :

BNA\_G

ClientSampleId :

PB147322BS

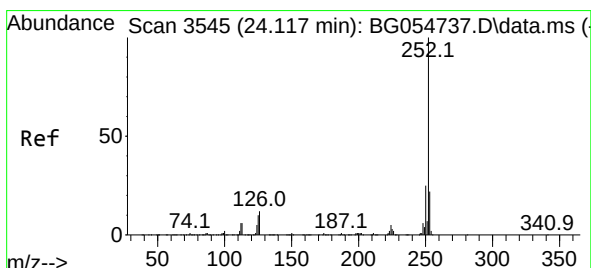
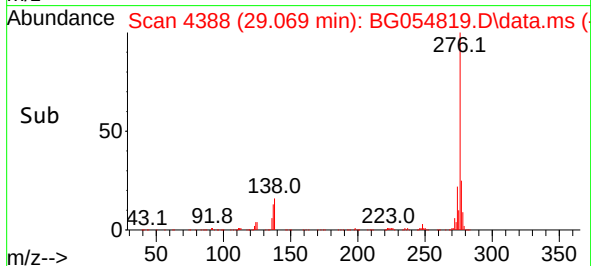
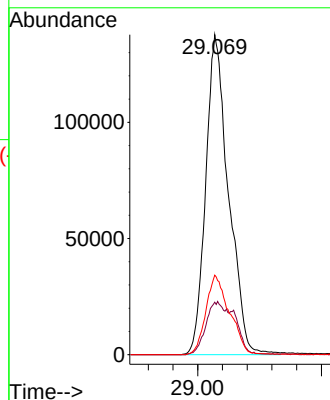
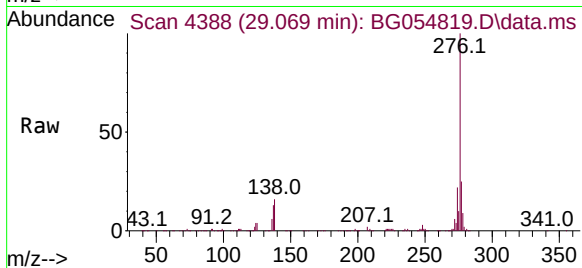
Tgt Ion:276 Resp: 882479

Ion Ratio Lower Upper

276 100

138 8.0 12.0 18.0#

277 25.8 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 45.328 ng

RT: 24.116 min Scan# 3545

Delta R.T. -0.001 min

Lab File: BG054819.D

Acq: 1 Sep 2022 12:38

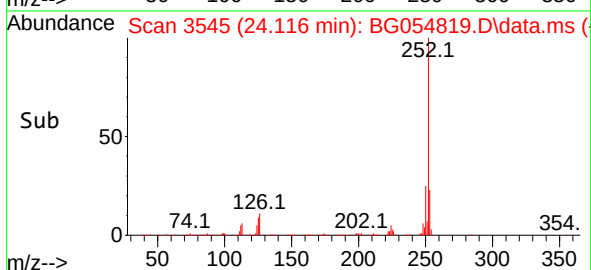
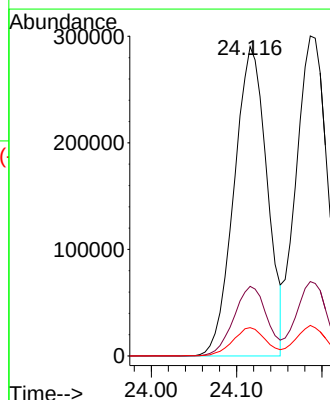
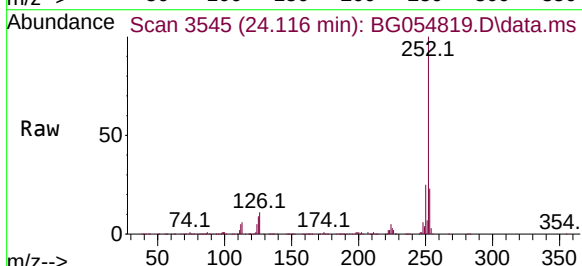
Tgt Ion:252 Resp: 778789

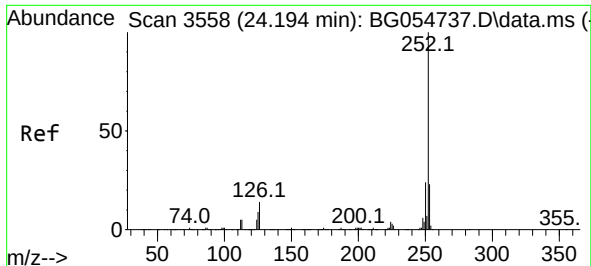
Ion Ratio Lower Upper

252 100

253 22.5 18.0 27.0

125 9.1 8.1 12.1

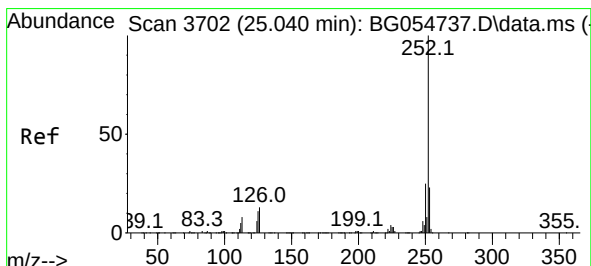
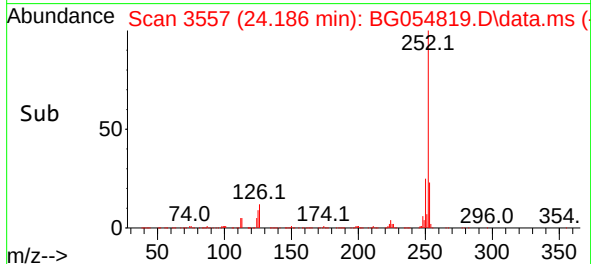
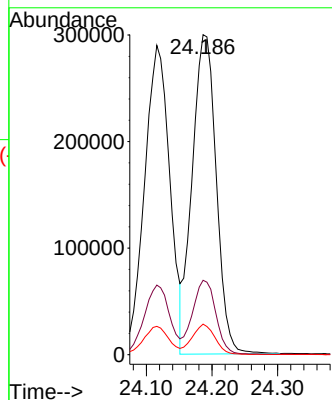
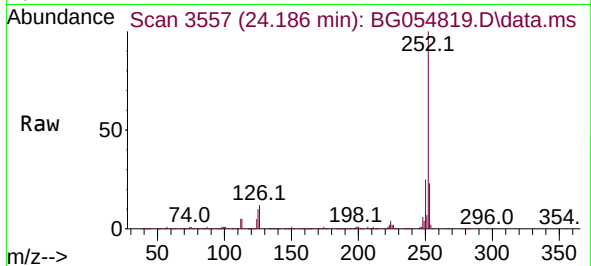




#89  
Benzo(k)fluoranthene  
Concen: 44.217 ng  
RT: 24.186 min Scan# 31  
Delta R.T. -0.007 min  
Lab File: BG054819.D  
Acq: 1 Sep 2022 12:38

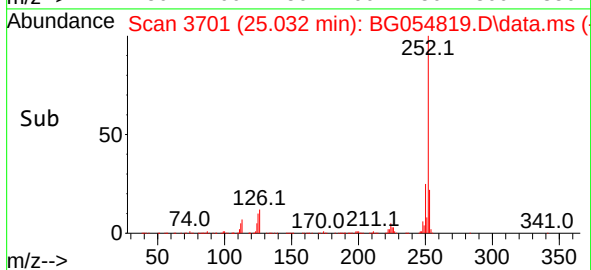
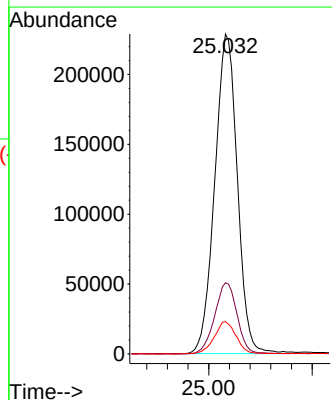
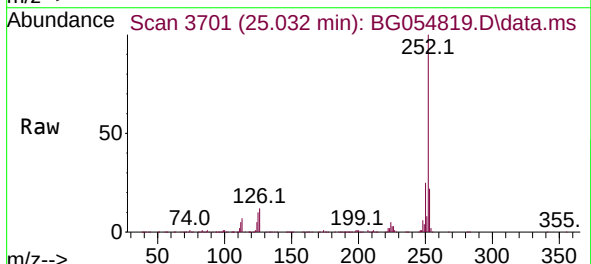
Instrument :  
BNA\_G  
ClientSampleId :  
PB147322BS

Tgt Ion:252 Resp: 764559  
Ion Ratio Lower Upper  
252 100  
253 23.2 17.8 26.8  
125 9.5 8.2 12.4

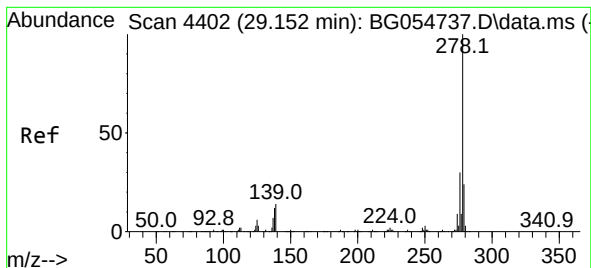


#90  
Benzo(a)pyrene  
Concen: 47.117 ng  
RT: 25.032 min Scan# 3701  
Delta R.T. -0.007 min  
Lab File: BG054819.D  
Acq: 1 Sep 2022 12:38

Tgt Ion:252 Resp: 691621  
Ion Ratio Lower Upper  
252 100  
253 22.3 18.3 27.5  
125 10.1 8.8 13.2







#91

Dibenzo(a,h)anthracene

Concen: 45.058 ng

RT: 29.145 min Scan# 4402

Delta R.T. -0.007 min

Lab File: BG054819.D

Acq: 1 Sep 2022 12:38

Instrument :

BNA\_G

ClientSampleId :

PB147322BS

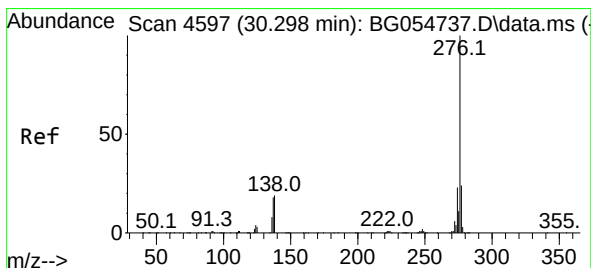
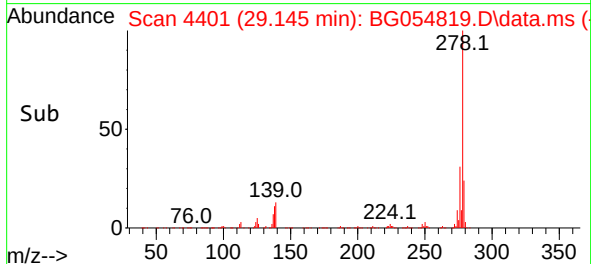
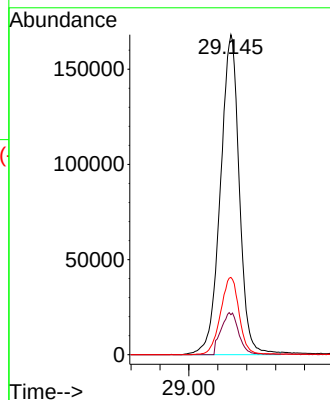
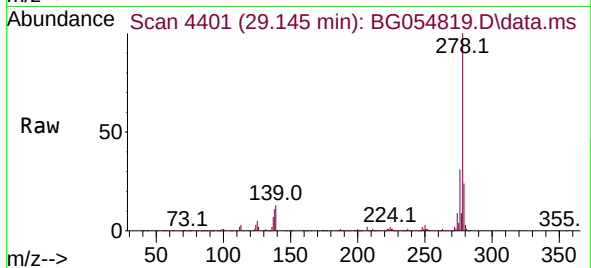
Tgt Ion:278 Resp: 763255

Ion Ratio Lower Upper

278 100

139 12.5 11.4 17.2

279 24.2 19.3 28.9



#92

Benzo(g,h,i)perylene

Concen: 44.659 ng

RT: 30.297 min Scan# 4597

Delta R.T. -0.001 min

Lab File: BG054819.D

Acq: 1 Sep 2022 12:38

Tgt Ion:276 Resp: 764253

Ion Ratio Lower Upper

276 100

277 23.7 19.4 29.0

138 17.6 16.6 25.0

