

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091222\  
 Data File : BG054913.D  
 Acq On : 12 Sep 2022 19:37  
 Operator : CG/JU  
 Sample : N4572-01MS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PSC-124037MS

Quant Time: Sep 13 03:07:24 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Sep 10 01:53:42 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.141  | 152  | 36531    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.967 | 136  | 151911   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.780 | 164  | 109711   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.524 | 188  | 258904   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.825 | 240  | 252562   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 25.198 | 264  | 277886   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.685  | 112  | 273468   | 130.357 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.301  | 99   | 367781   | 128.193 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.316  | 82   | 209944   | 72.551  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.267 | 330  | 183490   | 133.845 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.400 | 172  | 506980   | 69.455  | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.121 | 244  | 833721   | 65.407  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.511  | 88   | 38555    | 38.488  | ng    | 93       |
| 3) Pyridine                   | 3.922  | 79   | 98355    | 35.201  | ng    | 89       |
| 4) n-Nitrosodimethylamine     | 3.840  | 42   | 44989    | 37.248  | ng    | 86       |
| 6) Aniline                    | 7.460  | 93   | 158292   | 46.437  | ng    | 95       |
| 8) 2-Chlorophenol             | 7.706  | 128  | 122345   | 53.379  | ng    | 96       |
| 9) Benzaldehyde               | 7.271  | 77   | 76955    | 40.926  | ng    | 92       |
| 10) Phenol                    | 7.324  | 94   | 150889   | 51.141  | ng    | 96       |
| 11) bis(2-Chloroethyl)ether   | 7.548  | 93   | 108087   | 45.551  | ng    | 95       |
| 12) 1,3-Dichlorobenzene       | 8.029  | 146  | 129338   | 48.763  | ng    | 96       |
| 13) 1,4-Dichlorobenzene       | 8.176  | 146  | 130773   | 48.879  | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 8.499  | 146  | 125437   | 49.445  | ng    | 97       |
| 15) Benzyl Alcohol            | 8.382  | 79   | 102283   | 49.349  | ng    | 96       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.664  | 45   | 137573   | 37.052  | ng    | 94       |
| 17) 2-Methylphenol            | 8.588  | 107  | 105308   | 51.841  | ng    | 95       |
| 18) Hexachloroethane          | 9.228  | 117  | 44116    | 45.473  | ng    | 93       |
| 19) n-Nitroso-di-n-propyla... | 8.946  | 70   | 85616    | 43.396  | ng    | # 91     |
| 20) 3+4-Methylphenols         | 8.917  | 107  | 145362   | 51.604  | ng    | 97       |
| 22) Acetophenone              | 8.970  | 105  | 174063   | 45.800  | ng    | # 95     |
| 24) Nitrobenzene              | 9.357  | 77   | 124498   | 42.685  | ng    | 95       |
| 25) Isophorone                | 9.880  | 82   | 248911   | 46.132  | ng    | 97       |
| 26) 2-Nitrophenol             | 10.074 | 139  | 68126    | 52.877  | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 10.127 | 122  | 120920   | 59.236  | ng    | 95       |
| 28) bis(2-Chloroethoxy)met... | 10.356 | 93   | 152044   | 49.452  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 10.615 | 162  | 124506   | 53.624  | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 10.826 | 180  | 126385   | 47.632  | ng    | 97       |
| 31) Naphthalene               | 11.020 | 128  | 380234   | 46.652  | ng    | 100      |
| 32) Benzoic acid              | 10.362 | 122  | 9056     | 13.007  | ng    | 97       |
| 33) 4-Chloroaniline           | 11.126 | 127  | 136169   | 40.981  | ng    | 97       |
| 34) Hexachlorobutadiene       | 11.290 | 225  | 82639    | 48.610  | ng    | 99       |
| 35) Caprolactam               | 11.907 | 113  | 21054    | 25.702  | ng    | # 79     |
| 36) 4-Chloro-3-methylphenol   | 12.242 | 107  | 131022   | 51.603  | ng    | 100      |
| 37) 2-Methylnaphthalene       | 12.612 | 142  | 277662   | 48.606  | ng    | 100      |
| 38) 1-Methylnaphthalene       | 12.836 | 142  | 263091   | 47.337  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.977 | 216  | 159000   | 48.077  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 12.947 | 237  | 108039   | 61.599  | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 13.217 | 196  | 98754    | 44.988  | ng    | 99       |

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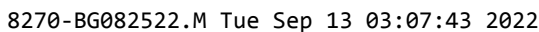
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PSC-124037MS

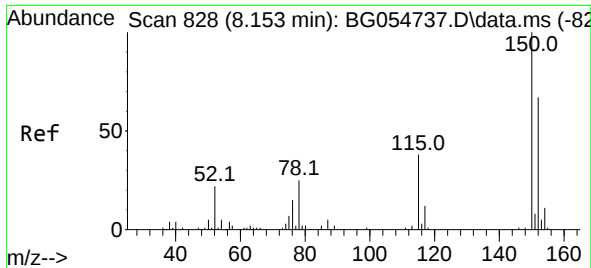
Quant Time: Sep 13 03:07:24 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Sep 10 01:53:42 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.294 | 196  | 111838   | 45.366 | ng    | 97       |
| 46) 1,1'-Biphenyl             | 13.611 | 154  | 380244   | 46.672 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 13.664 | 162  | 281745   | 45.535 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.864 | 65   | 82594    | 42.594 | ng    | 88       |
| 49) Acenaphthylene            | 14.504 | 152  | 477374   | 46.754 | ng    | 99       |
| 50) Dimethylphthalate         | 14.222 | 163  | 383696   | 45.396 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.351 | 165  | 86274    | 49.904 | ng    | # 81     |
| 52) Acenaphthene              | 14.845 | 154  | 284400   | 43.362 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.686 | 138  | 77393    | 39.990 | ng    | 89       |
| 54) 2,4-Dinitrophenol         | 14.898 | 184  | 76379    | 78.427 | ng    | 98       |
| 55) Dibenzofuran              | 15.174 | 168  | 459437   | 47.672 | ng    | 98       |
| 56) 4-Nitrophenol             | 15.004 | 139  | 128823   | 86.016 | ng    | 90       |
| 57) 2,4-Dinitrotoluene        | 15.139 | 165  | 122477   | 51.218 | ng    | # 82     |
| 58) Fluorene                  | 15.826 | 166  | 389948   | 48.030 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 15.403 | 232  | 98395    | 44.277 | ng    | 96       |
| 60) Diethylphthalate          | 15.579 | 149  | 381852   | 45.243 | ng    | 97       |
| 61) 4-Chlorophenyl-phenyle... | 15.809 | 204  | 198746   | 49.622 | ng    | 96       |
| 62) 4-Nitroaniline            | 15.850 | 138  | 92668    | 46.899 | ng    | 93       |
| 63) Azobenzene                | 16.102 | 77   | 325696   | 40.605 | ng    | 93       |
| 65) 4,6-Dinitro-2-methylph... | 15.903 | 198  | 64656    | 49.060 | ng    | 94       |
| 66) n-Nitrosodiphenylamine    | 16.026 | 169  | 345585   | 46.286 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 16.702 | 248  | 142401   | 50.096 | ng    | 97       |
| 68) Hexachlorobenzene         | 16.825 | 284  | 160807   | 50.323 | ng    | 96       |
| 69) Atrazine                  | 16.966 | 200  | 140599   | 53.378 | ng    | 99       |
| 70) Pentachlorophenol         | 17.178 | 266  | 116373   | 67.026 | ng    | 99       |
| 71) Phenanthrene              | 17.571 | 178  | 661304   | 47.948 | ng    | 99       |
| 72) Anthracene                | 17.659 | 178  | 696943   | 51.975 | ng    | 99       |
| 73) Carbazole                 | 17.930 | 167  | 591370   | 47.867 | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.464 | 149  | 682720   | 43.671 | ng    | 99       |
| 75) Fluoranthene              | 19.575 | 202  | 903895   | 53.874 | ng    | 98       |
| 77) Benzidine                 | 19.751 | 184  | 559085   | 89.373 | ng    | 99       |
| 78) Pyrene                    | 19.939 | 202  | 934240   | 53.049 | ng    | 98       |
| 80) Butylbenzylphthalate      | 20.803 | 149  | 305152   | 41.541 | ng    | 93       |
| 81) Benzo(a)anthracene        | 21.802 | 228  | 855369   | 49.950 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.708 | 252  | 211349   | 35.202 | ng    | 97       |
| 83) Chrysene                  | 21.872 | 228  | 828085   | 50.575 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.672 | 149  | 447875   | 42.318 | ng    | 97       |
| 85) Di-n-octyl phthalate      | 22.930 | 149  | 758625   | 42.268 | ng    | # 92     |
| 87) Indeno(1,2,3-cd)pyrene    | 29.105 | 276  | 989506   | 46.904 | ng    | # 95     |
| 88) Benzo(b)fluoranthene      | 24.122 | 252  | 936633   | 53.730 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 24.193 | 252  | 832059   | 47.428 | ng    | 98       |
| 90) Benzo(a)pyrene            | 25.039 | 252  | 796215   | 53.461 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 29.158 | 278  | 814390   | 47.384 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 30.321 | 276  | 849573   | 48.930 | ng    | 95       |

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

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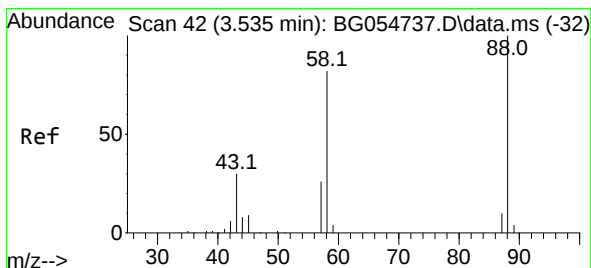
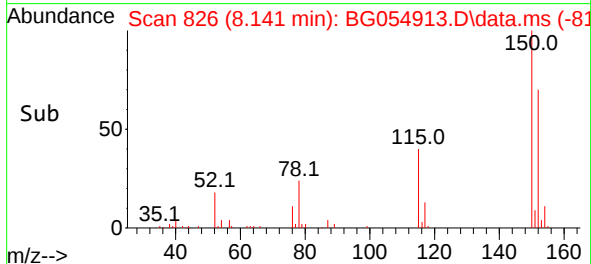
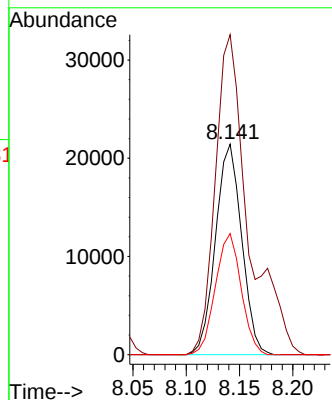
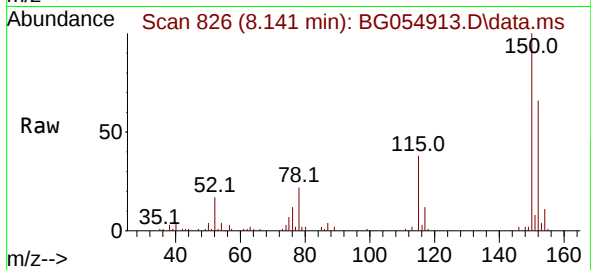




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.141 min Scan# 81  
 Delta R.T. -0.005 min  
 Lab File: BG054913.D  
 Acq: 12 Sep 2022 19:37

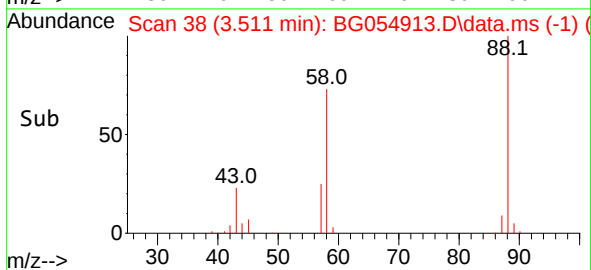
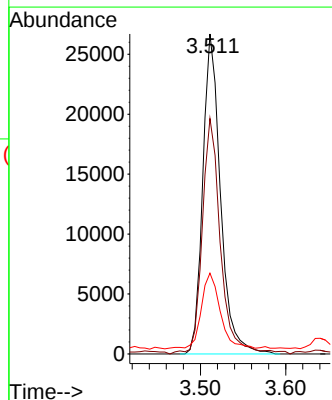
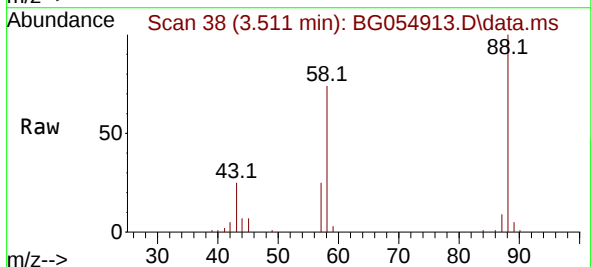
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PSC-124037MS

Tgt Ion:152 Resp: 36531  
 Ion Ratio Lower Upper  
 152 100  
 150 152.0 125.2 187.8  
 115 57.5 47.9 71.9



#2  
 1,4-Dioxane  
 Concen: 38.488 ng  
 RT: 3.511 min Scan# 38  
 Delta R.T. -0.011 min  
 Lab File: BG054913.D  
 Acq: 12 Sep 2022 19:37

Tgt Ion: 88 Resp: 38555  
 Ion Ratio Lower Upper  
 88 100  
 58 75.7 65.9 98.9  
 43 25.6 22.7 34.1

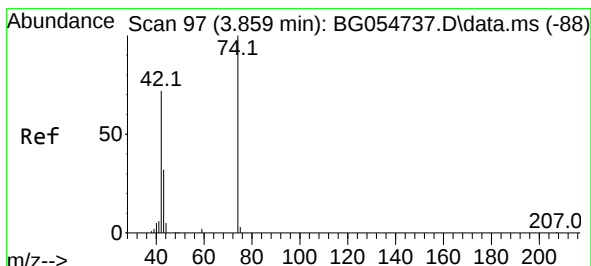
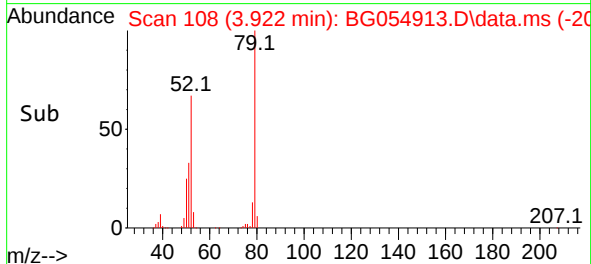
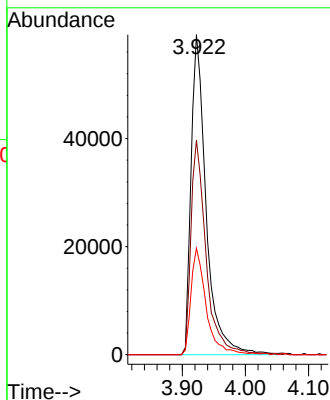
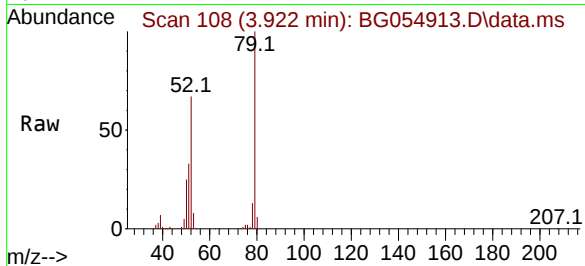




#3  
Pyridine  
Concen: 35.201 ng  
RT: 3.922 min Scan# 10  
Delta R.T. -0.011 min  
Lab File: BG054913.D  
Acq: 12 Sep 2022 19:37

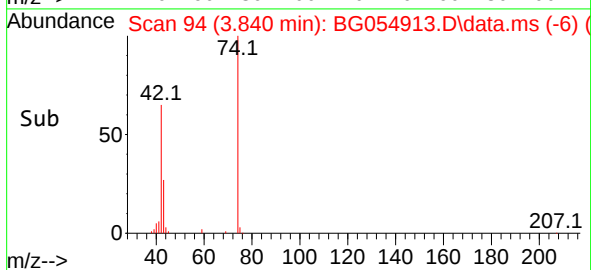
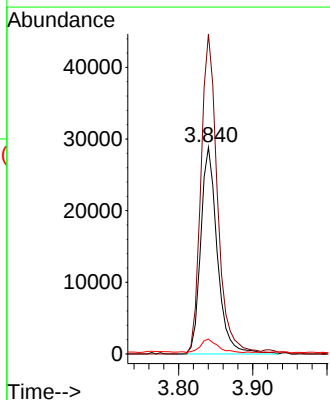
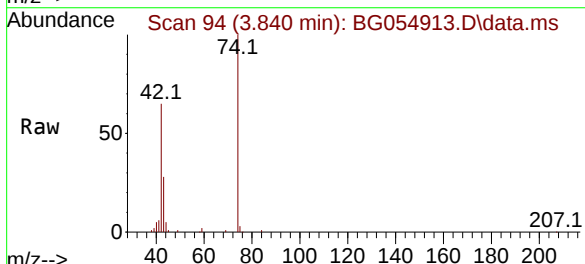
Instrument :  
BNA\_G  
ClientSampleId :  
PSC-124037MS

Tgt Ion: 79 Resp: 98355  
Ion Ratio Lower Upper  
79 100  
52 67.1 61.4 92.0  
51 33.3 31.4 47.0



#4  
n-Nitrosodimethylamine  
Concen: 37.248 ng  
RT: 3.840 min Scan# 94  
Delta R.T. -0.011 min  
Lab File: BG054913.D  
Acq: 12 Sep 2022 19:37

Tgt Ion: 42 Resp: 44989  
Ion Ratio Lower Upper  
42 100  
74 154.8 109.6 164.4  
44 7.2 5.5 8.3

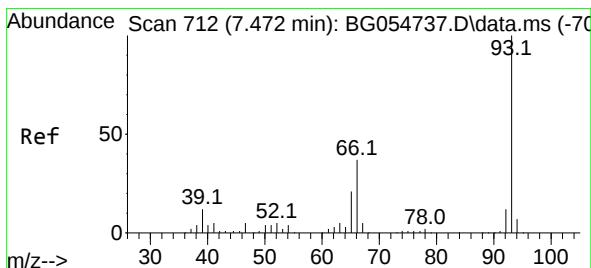
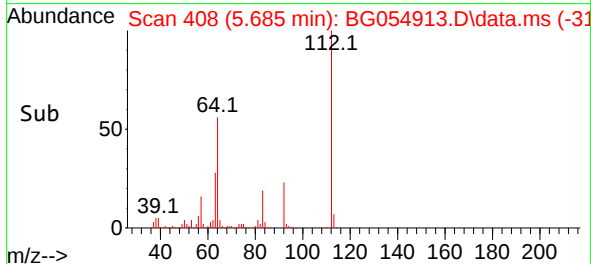
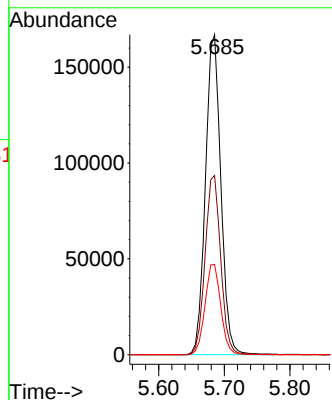
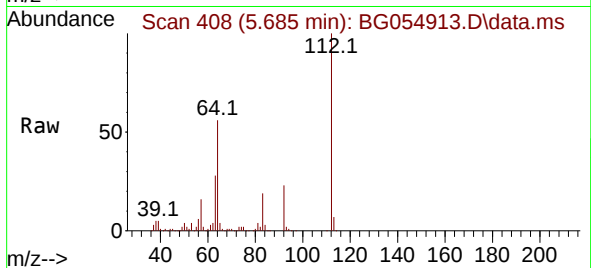




#5  
2-Fluorophenol  
Concen: 130.357 ng  
RT: 5.685 min Scan# 40  
Delta R.T. 0.001 min  
Lab File: BG054913.D  
Acq: 12 Sep 2022 19:37

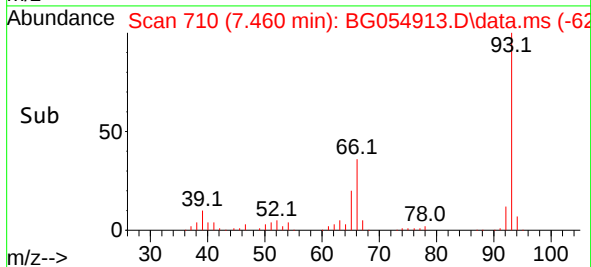
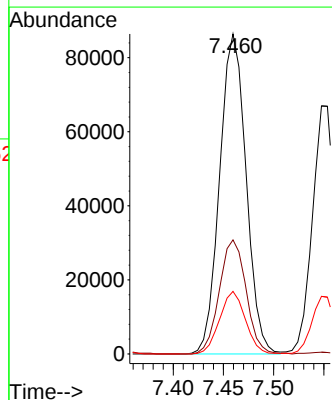
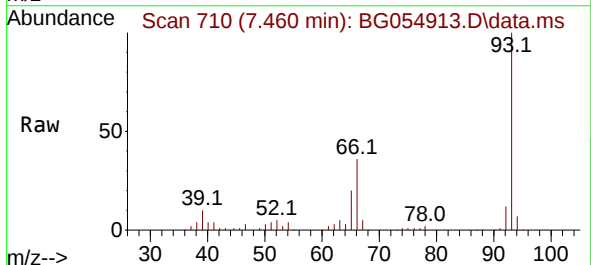
Instrument :  
BNA\_G  
ClientSampleId :  
PSC-124037MS

Tgt Ion:112 Resp: 273468  
Ion Ratio Lower Upper  
112 100  
64 56.0 49.3 73.9  
63 28.2 26.3 39.5



#6  
Aniline  
Concen: 46.437 ng  
RT: 7.460 min Scan# 710  
Delta R.T. -0.005 min  
Lab File: BG054913.D  
Acq: 12 Sep 2022 19:37

Tgt Ion: 93 Resp: 158292  
Ion Ratio Lower Upper  
93 100  
66 35.7 31.8 47.8  
65 19.6 16.6 25.0

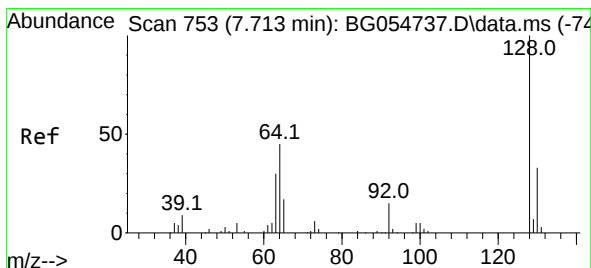
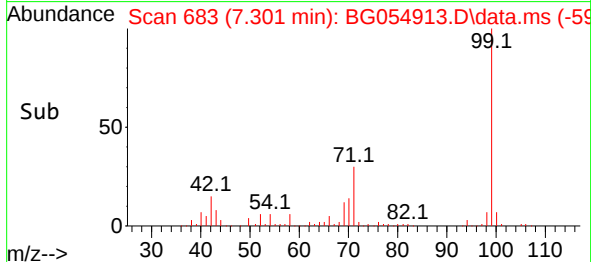
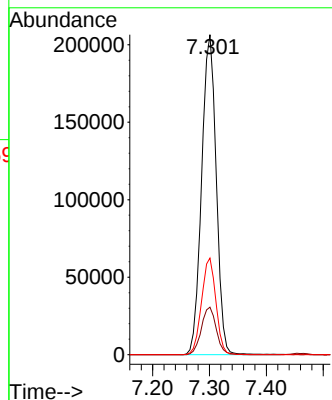
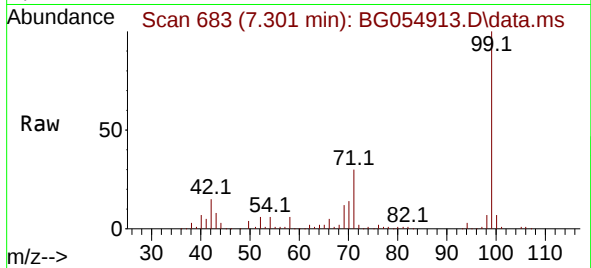




#7  
Phenol-d6  
Concen: 128.193 ng  
RT: 7.301 min Scan# 682  
Delta R.T. 0.001 min  
Lab File: BG054913.D  
Acq: 12 Sep 2022 19:37

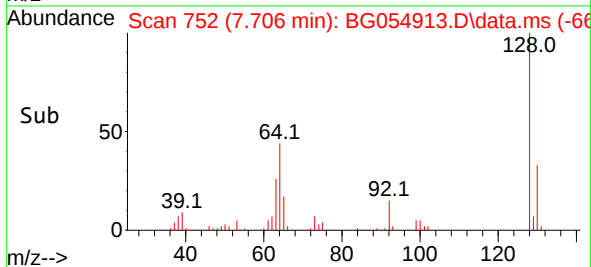
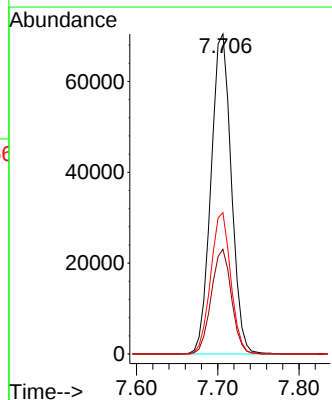
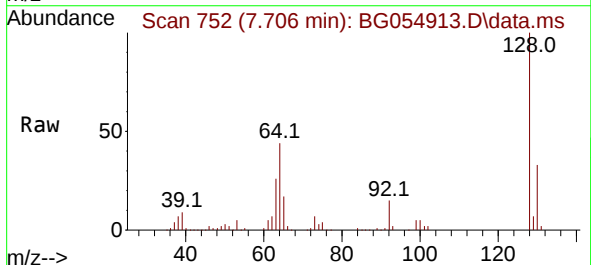
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BNA\_G  
ClientSampleId :  
PSC-124037MS

Tgt Ion: 99 Resp: 367781  
Ion Ratio Lower Upper  
99 100  
42 14.9 14.6 22.0  
71 30.2 24.6 37.0



#8  
2-Chlorophenol  
Concen: 53.379 ng  
RT: 7.706 min Scan# 752  
Delta R.T. 0.001 min  
Lab File: BG054913.D  
Acq: 12 Sep 2022 19:37

Tgt Ion: 128 Resp: 122345  
Ion Ratio Lower Upper  
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130 32.7 12.5 52.5  
64 44.1 28.6 68.6

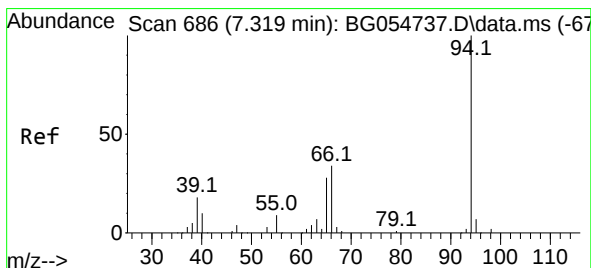
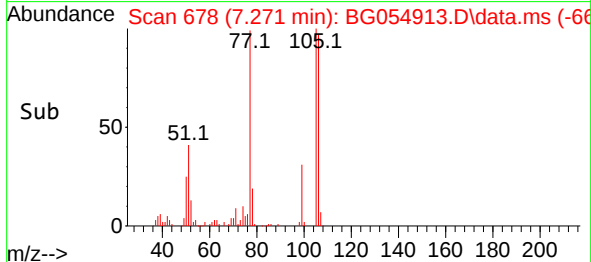
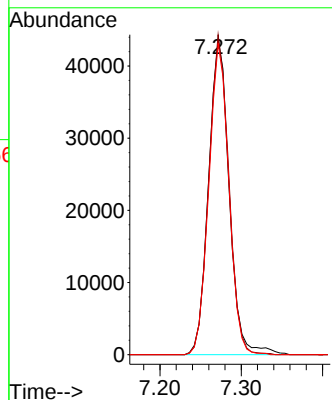
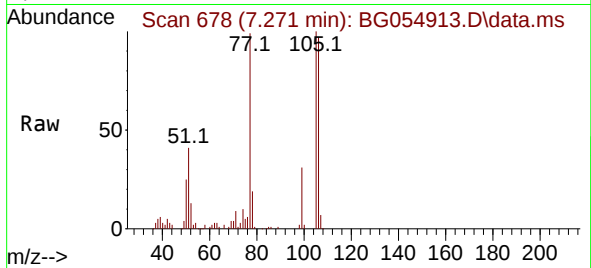




#9  
Benzaldehyde  
Concen: 40.926 ng  
RT: 7.271 min Scan# 61  
Delta R.T. -0.005 min  
Lab File: BG054913.D  
Acq: 12 Sep 2022 19:37

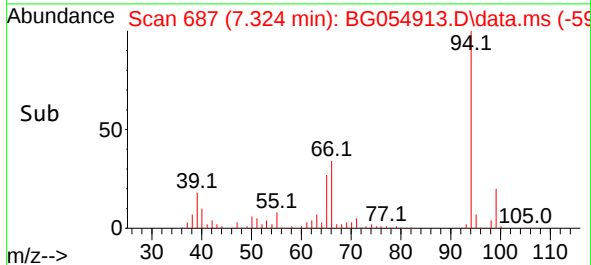
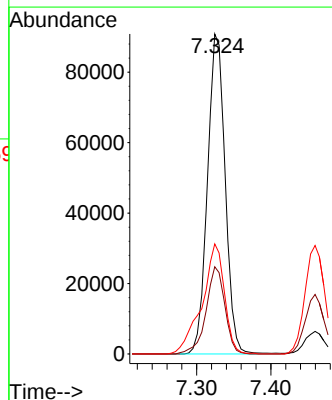
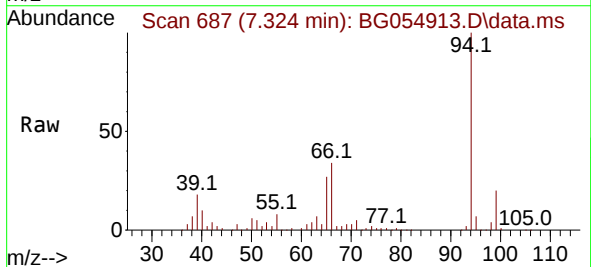
Instrument :  
BNA\_G  
ClientSampleId :  
PSC-124037MS

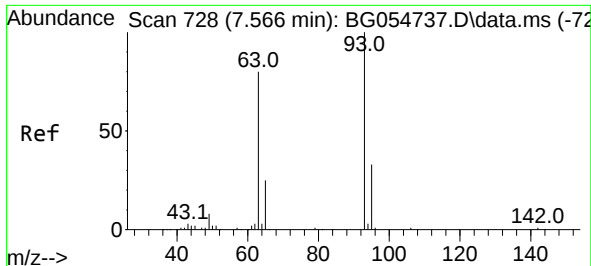
Tgt Ion: 77 Resp: 76955  
Ion Ratio Lower Upper  
77 100  
105 101.4 75.3 115.3  
106 98.7 70.2 110.2



#10  
Phenol  
Concen: 51.141 ng  
RT: 7.324 min Scan# 687  
Delta R.T. -0.005 min  
Lab File: BG054913.D  
Acq: 12 Sep 2022 19:37

Tgt Ion: 94 Resp: 150889  
Ion Ratio Lower Upper  
94 100  
65 27.3 9.9 49.9  
66 34.4 16.4 56.4

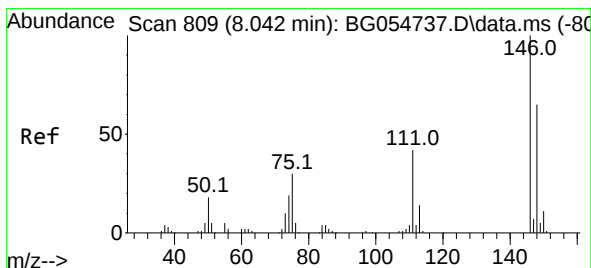
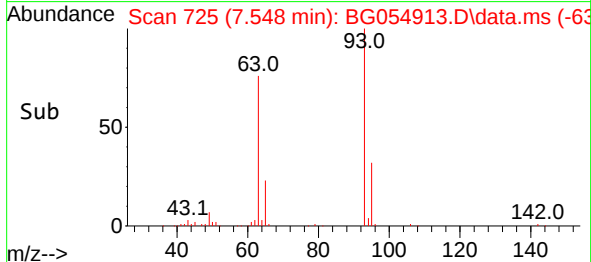
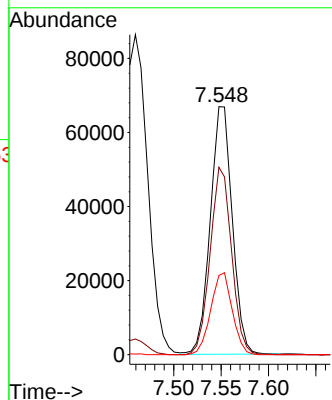
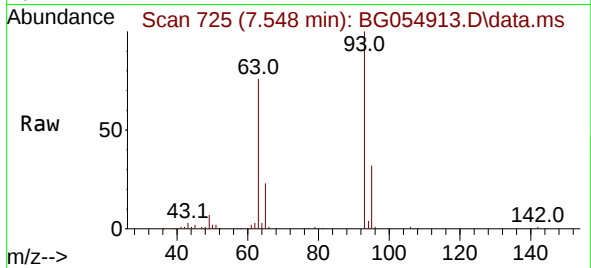




#11  
bis(2-Chloroethyl)ether  
Concen: 45.551 ng  
RT: 7.548 min Scan# 71  
Delta R.T. -0.005 min  
Lab File: BG054913.D  
Acq: 12 Sep 2022 19:37

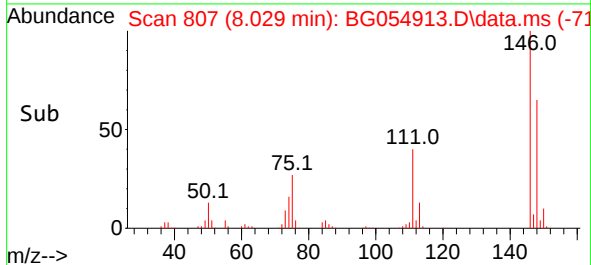
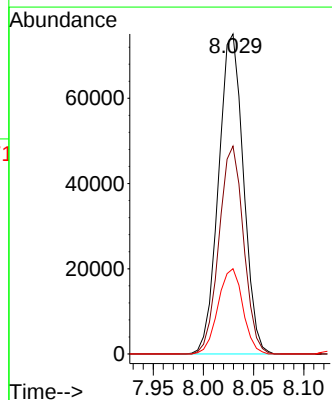
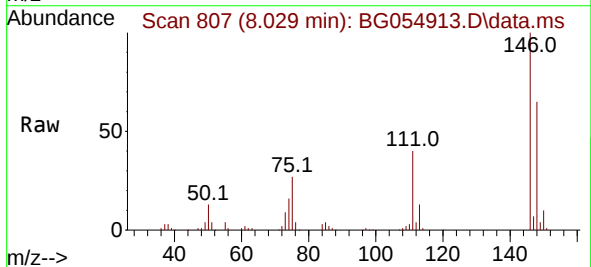
Instrument :  
BNA\_G  
ClientSampleId :  
PSC-124037MS

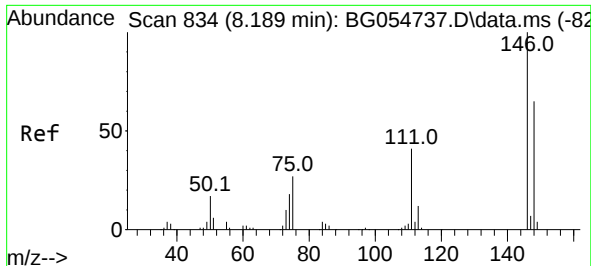
Tgt Ion: 93 Resp: 108087  
Ion Ratio Lower Upper  
93 100  
63 75.5 62.1 102.1  
95 32.0 12.1 52.1



#12  
1,3-Dichlorobenzene  
Concen: 48.763 ng  
RT: 8.029 min Scan# 807  
Delta R.T. 0.001 min  
Lab File: BG054913.D  
Acq: 12 Sep 2022 19:37

Tgt Ion:146 Resp: 129338  
Ion Ratio Lower Upper  
146 100  
148 65.0 50.6 76.0  
75 26.6 24.3 36.5





#13

1,4-Dichlorobenzene

Concen: 48.879 ng

RT: 8.176 min Scan# 81

Delta R.T. -0.005 min

Lab File: BG054913.D

Acq: 12 Sep 2022 19:37

Instrument :

BNA\_G

ClientSampleId :

PSC-124037MS

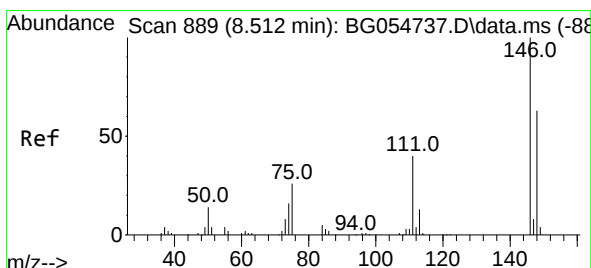
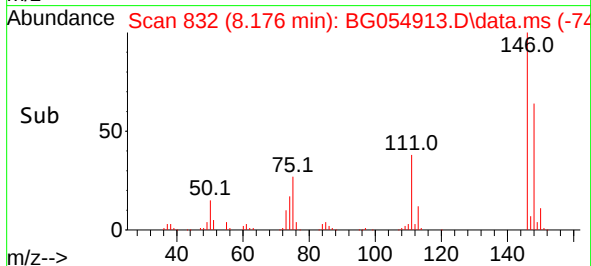
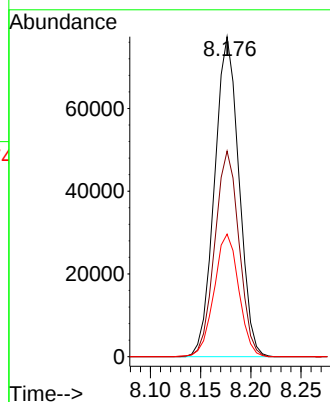
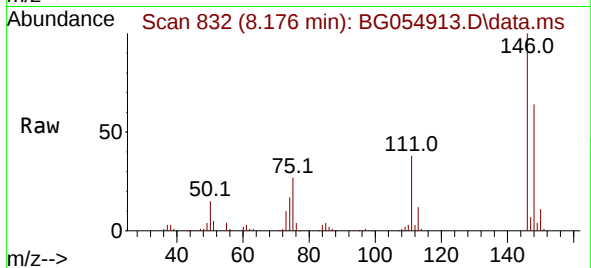
Tgt Ion:146 Resp: 130773

Ion Ratio Lower Upper

146 100

148 64.3 50.4 75.6

111 38.3 33.0 49.4



#14

1,2-Dichlorobenzene

Concen: 49.445 ng

RT: 8.499 min Scan# 887

Delta R.T. 0.001 min

Lab File: BG054913.D

Acq: 12 Sep 2022 19:37

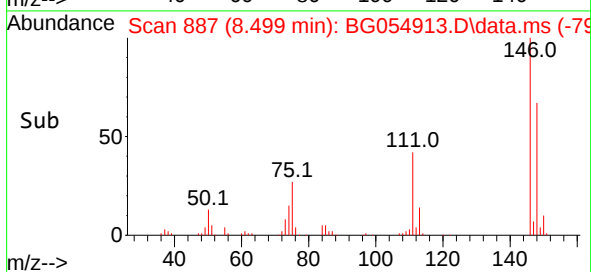
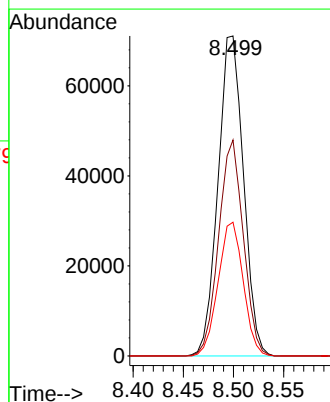
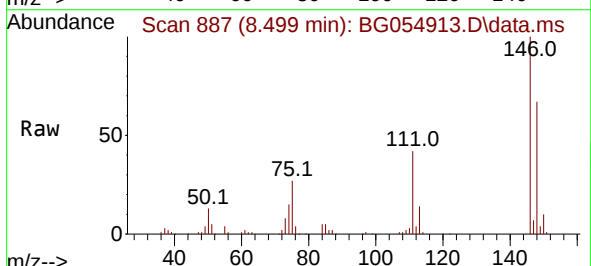
Tgt Ion:146 Resp: 125437

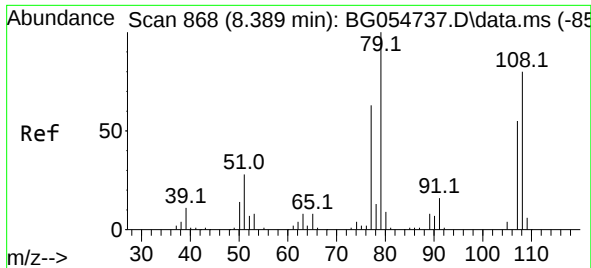
Ion Ratio Lower Upper

146 100

148 67.5 51.2 76.8

111 41.8 34.3 51.5

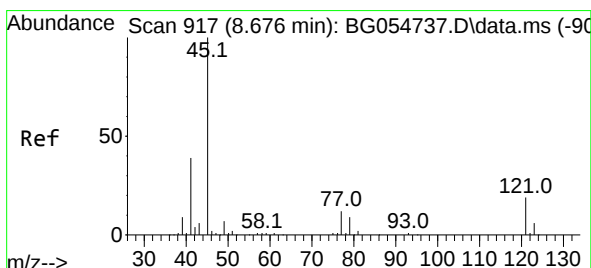
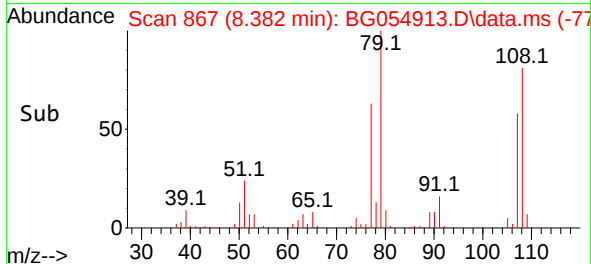
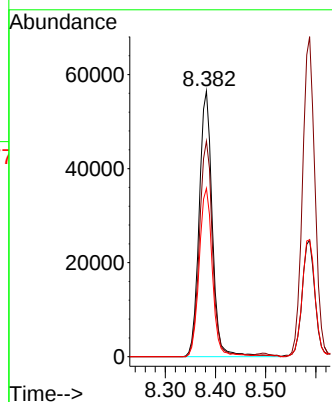
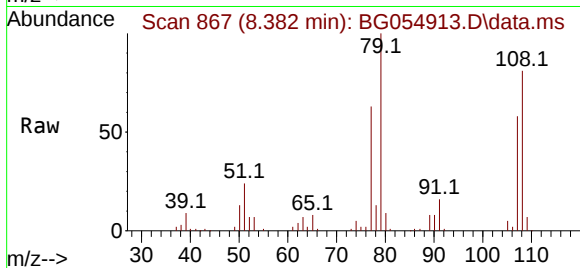




#15  
Benzyl Alcohol  
Concen: 49.349 ng  
RT: 8.382 min Scan# 80  
Delta R.T. 0.001 min  
Lab File: BG054913.D  
Acq: 12 Sep 2022 19:37

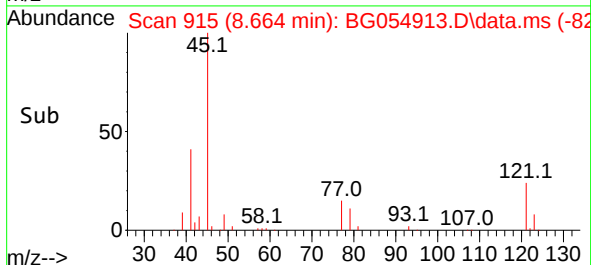
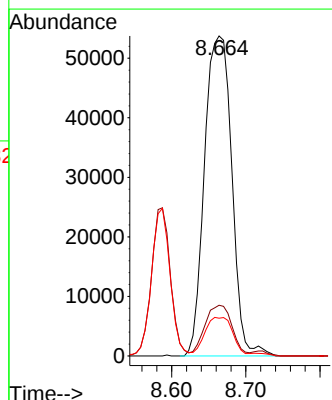
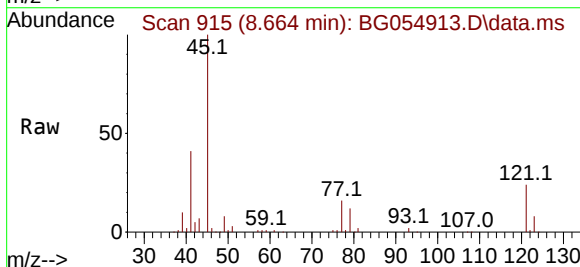
Instrument :  
BNA\_G  
ClientSampleId :  
PSC-124037MS

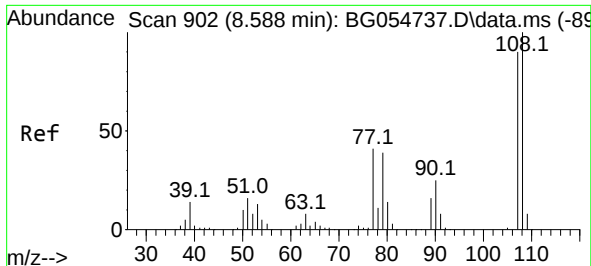
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 79    | Resp: | 102283 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 81.2  | 63.4  | 95.0   |
| 77        | 63.4  | 55.0  | 82.4   |



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 37.052 ng  
RT: 8.664 min Scan# 915  
Delta R.T. 0.001 min  
Lab File: BG054913.D  
Acq: 12 Sep 2022 19:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 137573 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 15.9  | 0.0   | 32.8   |
| 79        | 11.8  | 0.0   | 30.4   |





#17

2-Methylphenol

Concen: 51.841 ng

RT: 8.588 min Scan# 90

Delta R.T. 0.001 min

Lab File: BG054913.D

Acq: 12 Sep 2022 19:37

Instrument :

BNA\_G

ClientSampleId :

PSC-124037MS

Tgt Ion:107 Resp: 105308

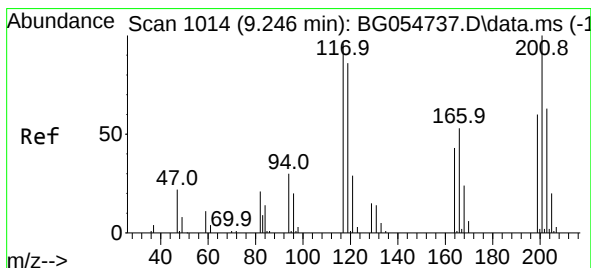
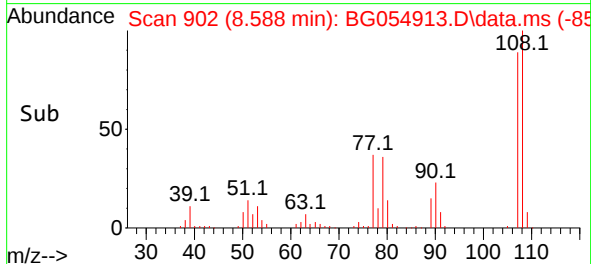
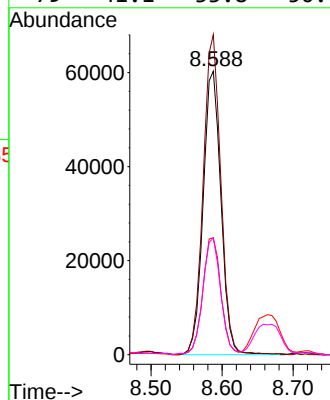
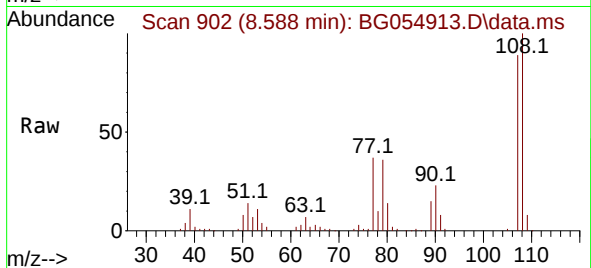
Ion Ratio Lower Upper

107 100

108 112.9 85.6 128.4

77 41.3 35.8 53.8

79 41.1 33.8 50.6



#18

Hexachloroethane

Concen: 45.473 ng

RT: 9.228 min Scan# 1011

Delta R.T. -0.005 min

Lab File: BG054913.D

Acq: 12 Sep 2022 19:37

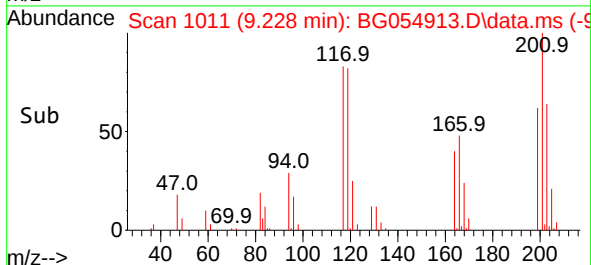
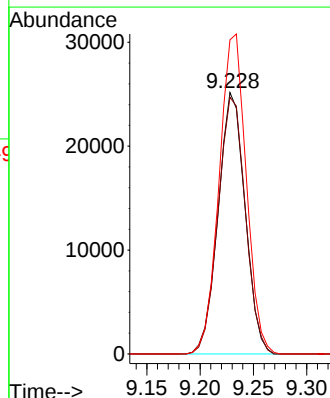
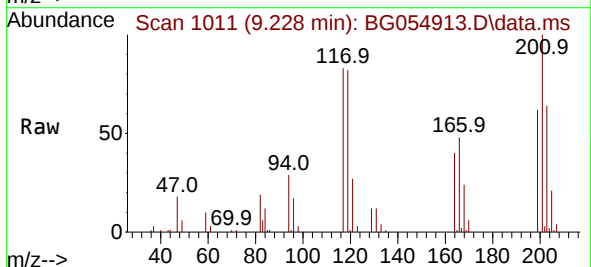
Tgt Ion:117 Resp: 44116

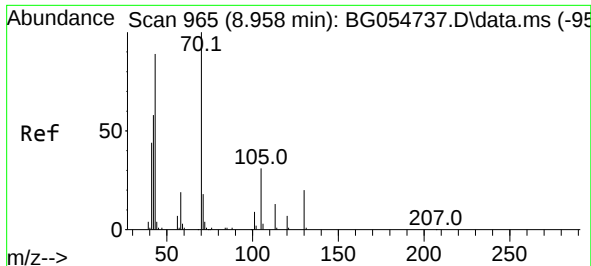
Ion Ratio Lower Upper

117 100

119 98.3 77.0 115.6

201 120.2 87.2 130.8

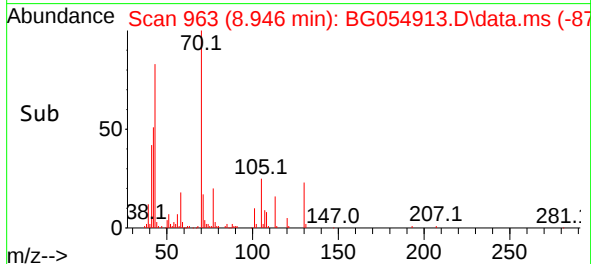
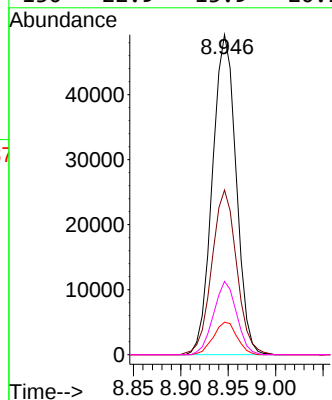
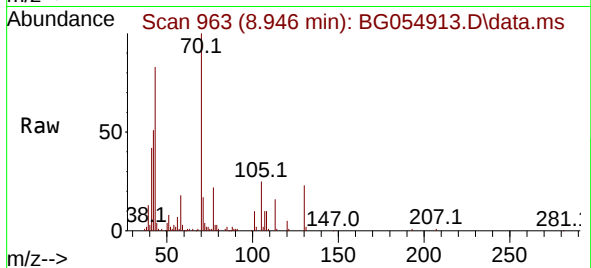




#19  
n-Nitroso-di-n-propylamine  
Concen: 43.396 ng  
RT: 8.946 min Scan# 963  
Delta R.T. -0.005 min  
Lab File: BG054913.D  
Acq: 12 Sep 2022 19:37

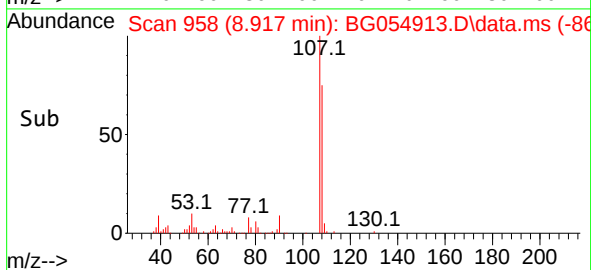
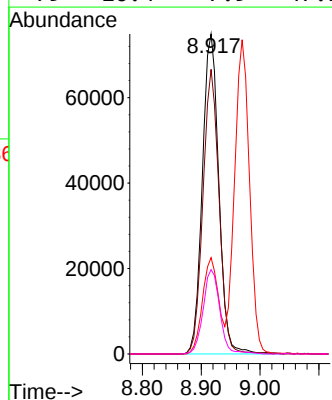
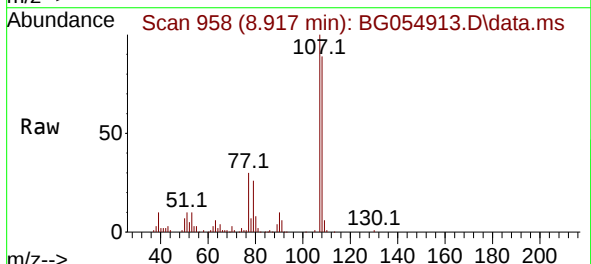
Instrument :  
BNA\_G  
ClientSampleId :  
PSC-124037MS

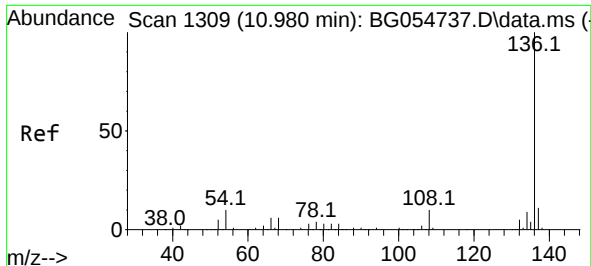
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 85616 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 51.5  | 46.6  | 69.8  |
| 101      | 10.1  | 7.7   | 11.5  |
| 130      | 22.9  | 13.9  | 20.9  |



#20  
3+4-Methylphenols  
Concen: 51.604 ng  
RT: 8.917 min Scan# 958  
Delta R.T. -0.005 min  
Lab File: BG054913.D  
Acq: 12 Sep 2022 19:37

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 145362 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 89.0  | 71.6  | 111.6  |
| 77       | 30.1  | 13.1  | 53.1   |
| 79       | 26.4  | 7.9   | 47.9   |

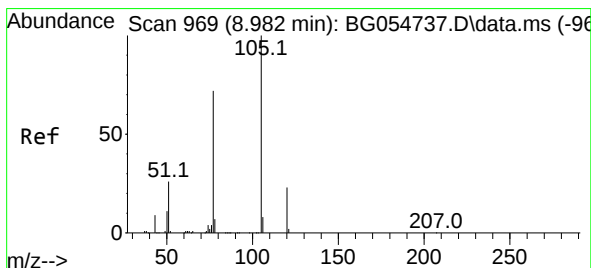
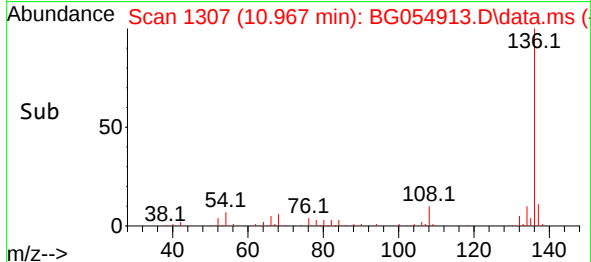
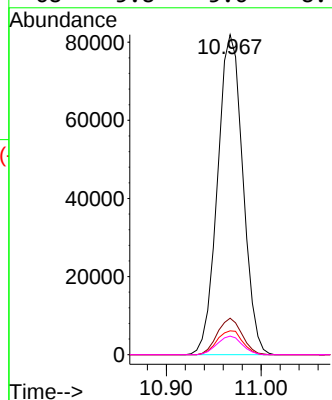
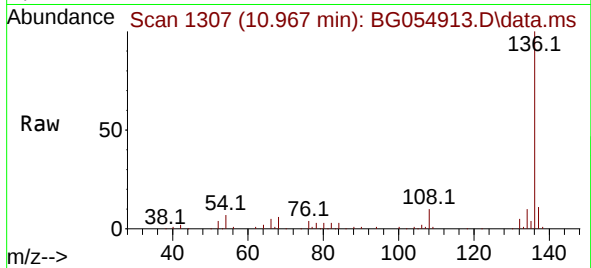




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.967 min Scan# 11  
Delta R.T. -0.005 min  
Lab File: BG054913.D  
Acq: 12 Sep 2022 19:37

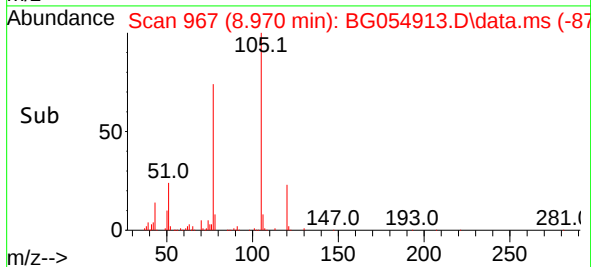
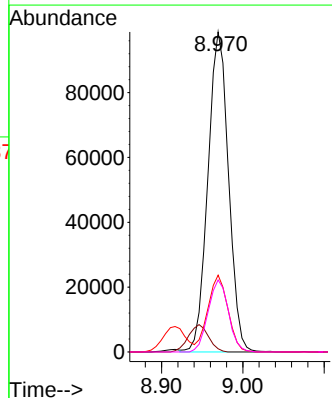
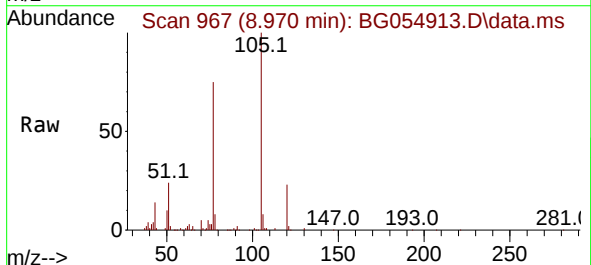
Instrument :  
BNA\_G  
ClientSampleId :  
PSC-124037MS

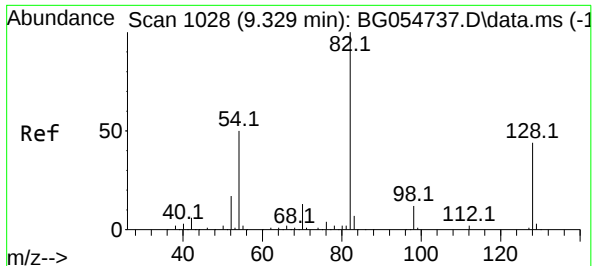
Tgt Ion:136 Resp: 151911  
Ion Ratio Lower Upper  
136 100  
137 11.4 9.2 13.8  
54 7.4 7.7 11.5#  
68 5.8 5.6 8.4



#22  
Acetophenone  
Concen: 45.800 ng  
RT: 8.970 min Scan# 967  
Delta R.T. -0.005 min  
Lab File: BG054913.D  
Acq: 12 Sep 2022 19:37

Tgt Ion:105 Resp: 174063  
Ion Ratio Lower Upper  
105 100  
71 1.0 1.2 1.8#  
51 24.0 22.9 34.3  
120 22.5 17.4 26.2





#23

Nitrobenzene-d5

Concen: 72.551 ng

RT: 9.316 min Scan# 1026

Delta R.T. -0.005 min

Lab File: BG054913.D

Acq: 12 Sep 2022 19:37

Instrument :

BNA\_G

ClientSampleId :

PSC-124037MS

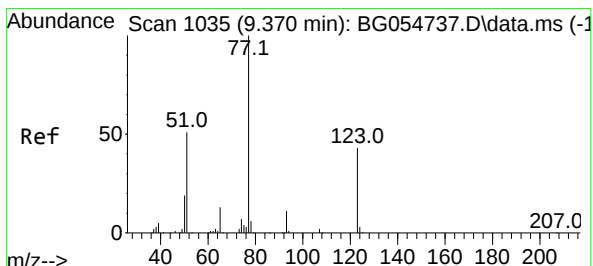
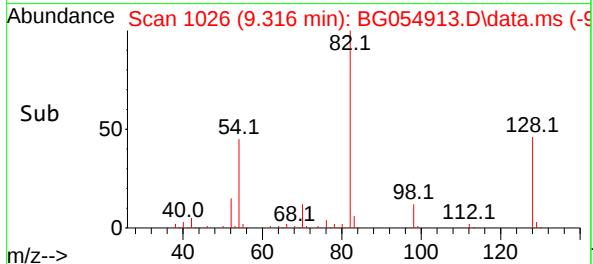
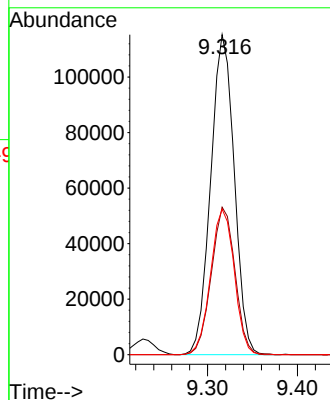
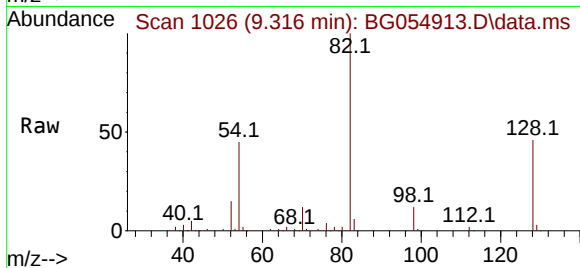
Tgt Ion: 82 Resp: 209944

Ion Ratio Lower Upper

82 100

128 46.1 32.2 48.2

54 45.5 41.4 62.0



#24

Nitrobenzene

Concen: 42.685 ng

RT: 9.357 min Scan# 1033

Delta R.T. -0.005 min

Lab File: BG054913.D

Acq: 12 Sep 2022 19:37

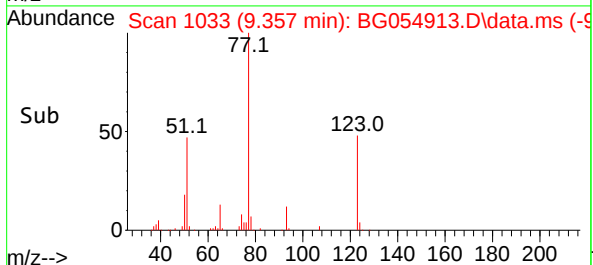
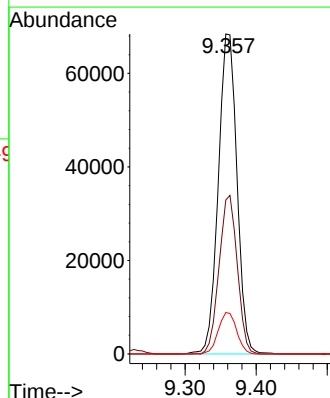
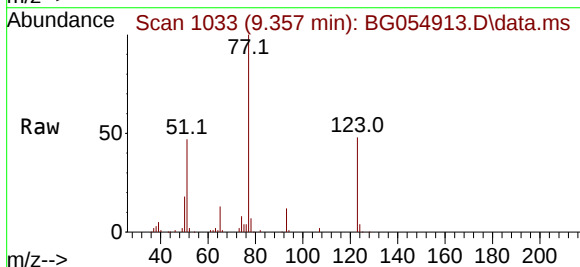
Tgt Ion: 77 Resp: 124498

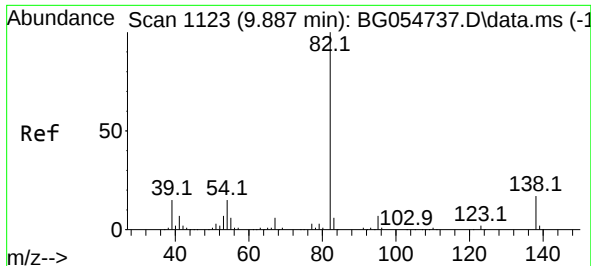
Ion Ratio Lower Upper

77 100

123 48.1 35.0 52.6

65 12.9 10.2 15.2

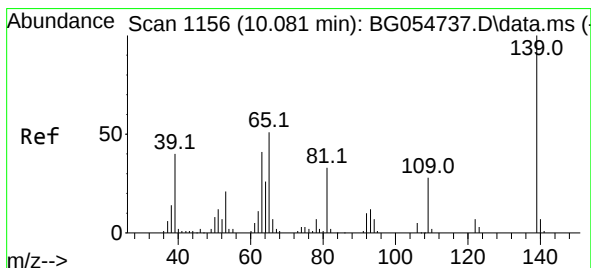
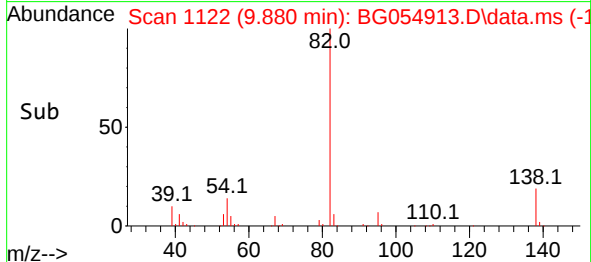
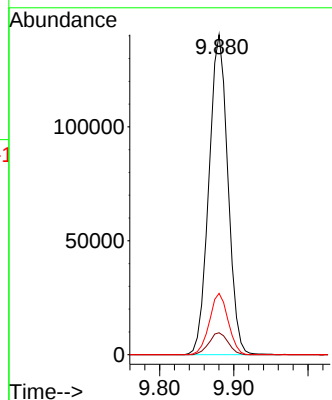
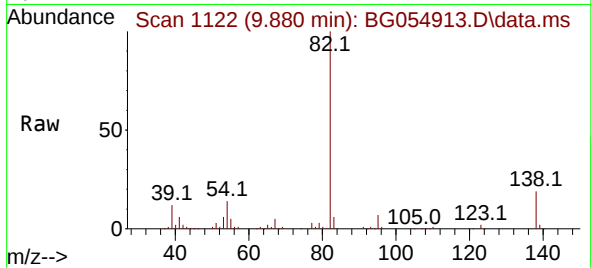




#25  
Isophorone  
Concen: 46.132 ng  
RT: 9.880 min Scan# 1123  
Delta R.T. -0.005 min  
Lab File: BG054913.D  
Acq: 12 Sep 2022 19:37

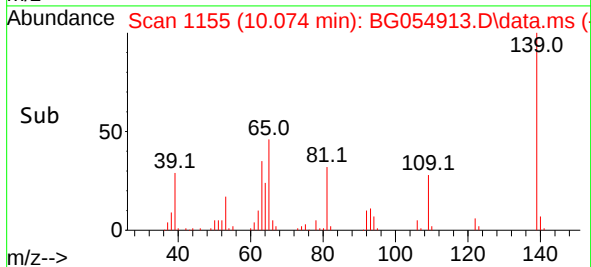
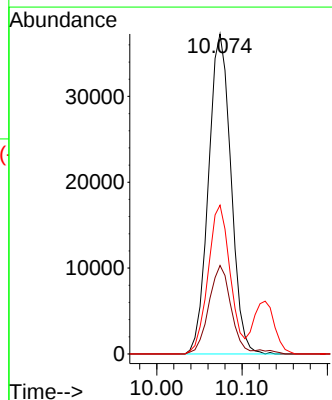
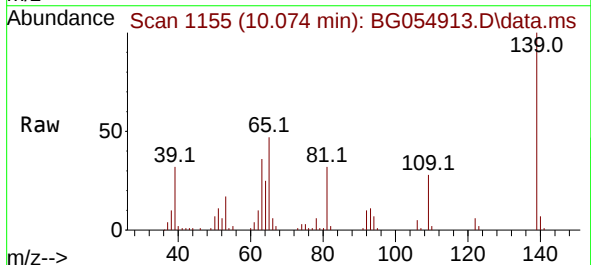
Instrument :  
BNA\_G  
ClientSampleId :  
PSC-124037MS

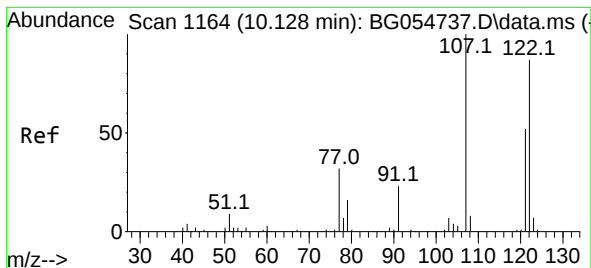
Tgt Ion: 82 Resp: 248911  
Ion Ratio Lower Upper  
82 100  
95 6.9 5.6 8.4  
138 19.1 13.9 20.9



#26  
2-Nitrophenol  
Concen: 52.877 ng  
RT: 10.074 min Scan# 1155  
Delta R.T. -0.005 min  
Lab File: BG054913.D  
Acq: 12 Sep 2022 19:37

Tgt Ion:139 Resp: 68126  
Ion Ratio Lower Upper  
139 100  
109 27.7 21.8 32.6  
65 46.5 37.4 56.0

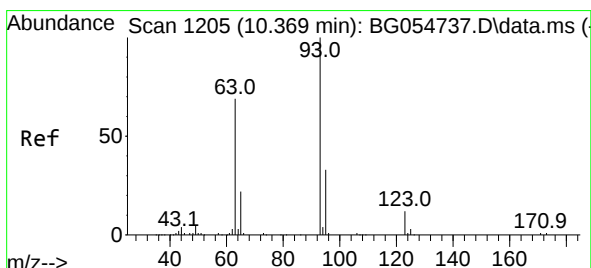
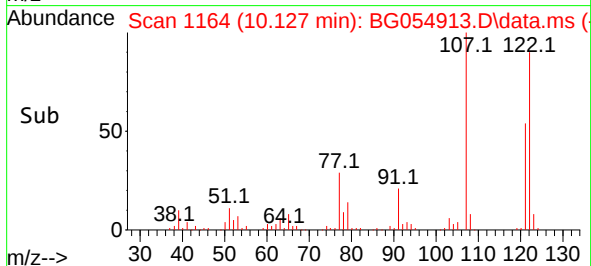
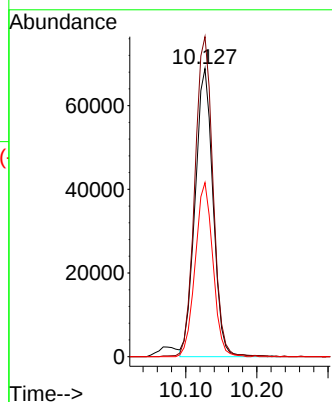
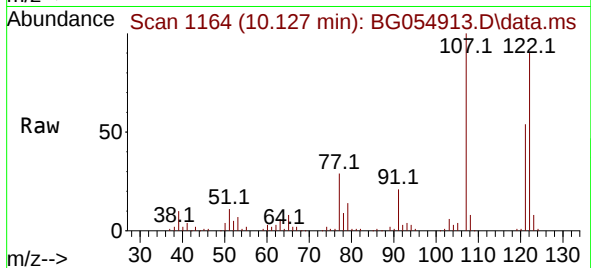




#27  
2,4-Dimethylphenol  
Concen: 59.236 ng  
RT: 10.127 min Scan# 1164  
Delta R.T. 0.001 min  
Lab File: BG054913.D  
Acq: 12 Sep 2022 19:37

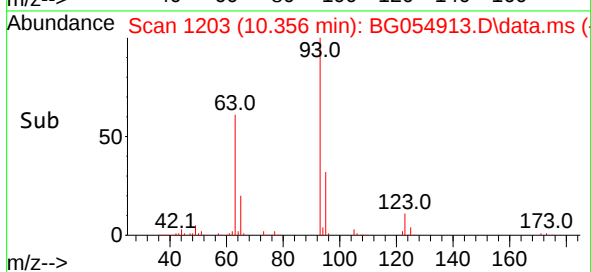
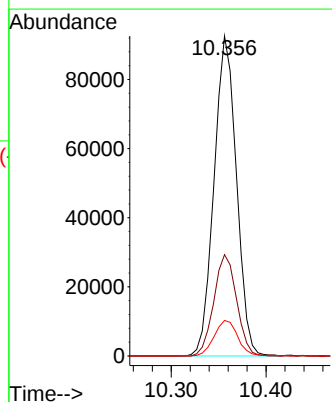
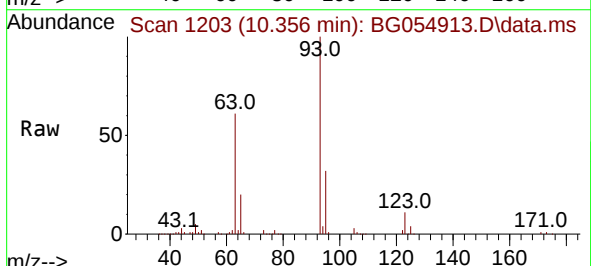
Instrument :  
BNA\_G  
ClientSampleId :  
PSC-124037MS

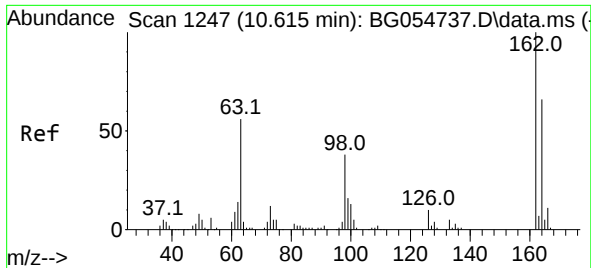
Tgt Ion:122 Resp: 120920  
Ion Ratio Lower Upper  
122 100  
107 111.0 94.6 142.0  
121 60.4 49.8 74.6



#28  
bis(2-Chloroethoxy)methane  
Concen: 49.452 ng  
RT: 10.356 min Scan# 1203  
Delta R.T. -0.005 min  
Lab File: BG054913.D  
Acq: 12 Sep 2022 19:37

Tgt Ion: 93 Resp: 152044  
Ion Ratio Lower Upper  
93 100  
95 31.6 26.2 39.2  
123 11.1 8.4 12.6

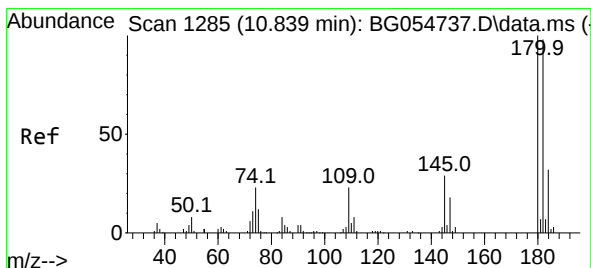
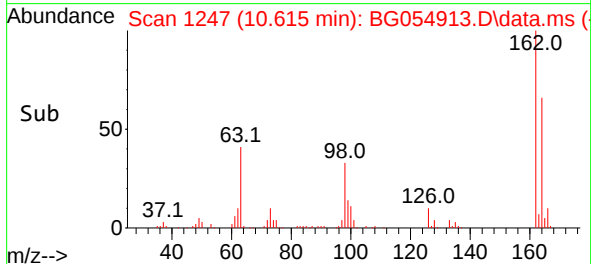
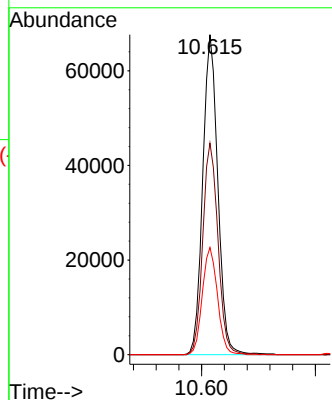
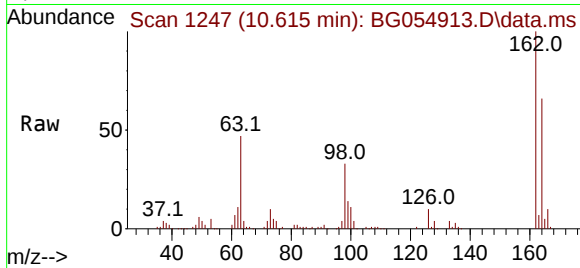




#29  
2,4-Dichlorophenol  
Concen: 53.624 ng  
RT: 10.615 min Scan# 1247  
Delta R.T. -0.005 min  
Lab File: BG054913.D  
Acq: 12 Sep 2022 19:37

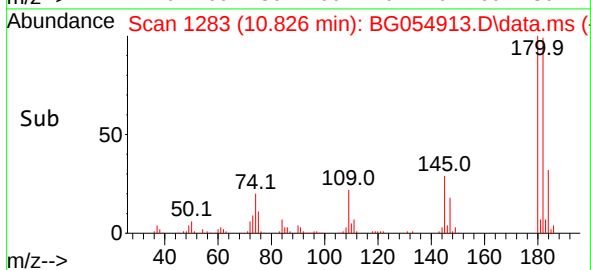
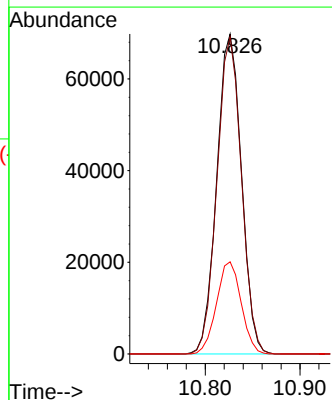
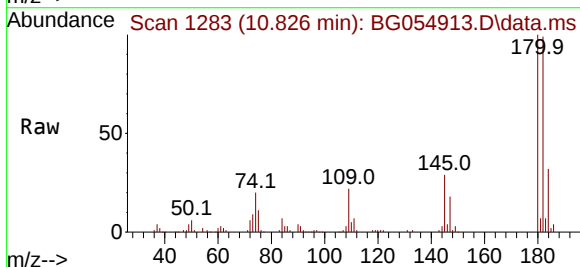
Instrument :  
BNA\_G  
ClientSampleId :  
PSC-124037MS

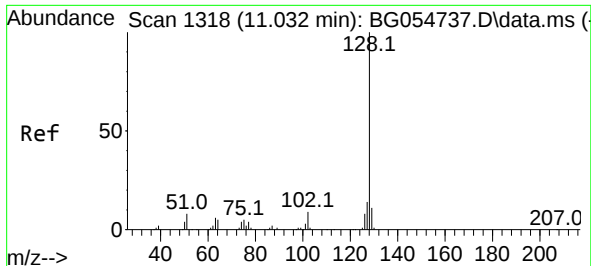
Tgt Ion:162 Resp: 124506  
Ion Ratio Lower Upper  
162 100  
164 66.1 47.2 87.2  
98 33.5 16.6 56.6



#30  
1,2,4-Trichlorobenzene  
Concen: 47.632 ng  
RT: 10.826 min Scan# 1283  
Delta R.T. -0.005 min  
Lab File: BG054913.D  
Acq: 12 Sep 2022 19:37

Tgt Ion:180 Resp: 126385  
Ion Ratio Lower Upper  
180 100  
182 99.1 77.0 115.6  
145 28.8 24.0 36.0

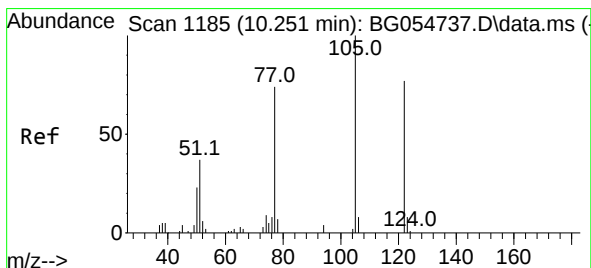
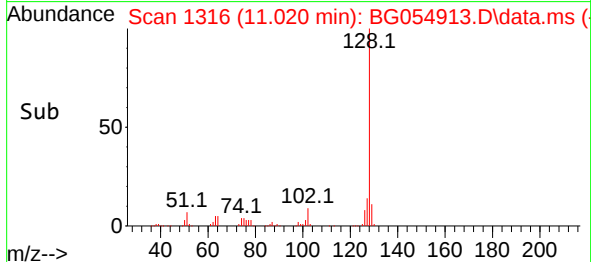
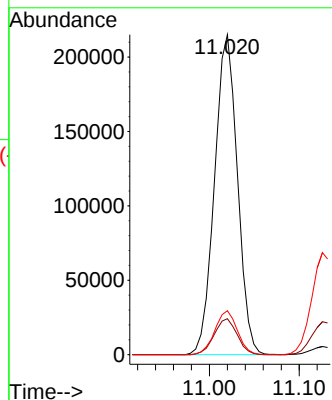
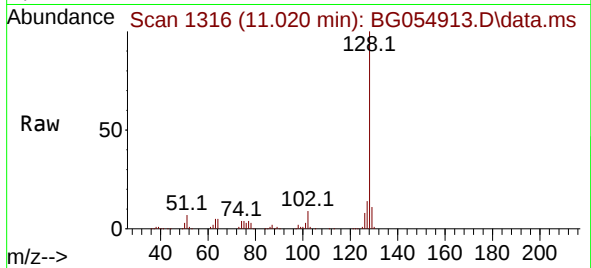




#31  
Naphthalene  
Concen: 46.652 ng  
RT: 11.020 min Scan# 11  
Delta R.T. -0.005 min  
Lab File: BG054913.D  
Acq: 12 Sep 2022 19:37

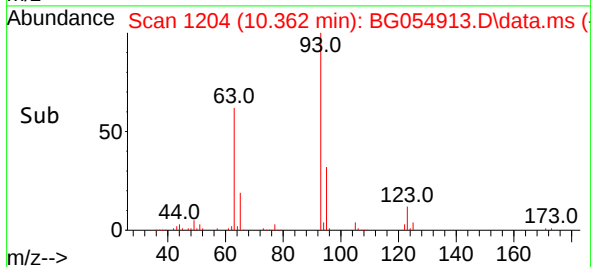
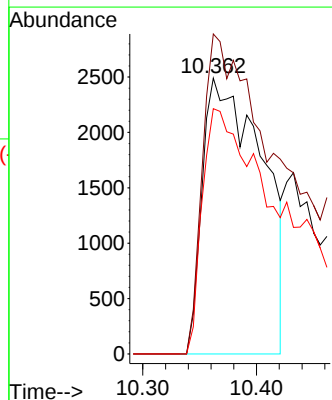
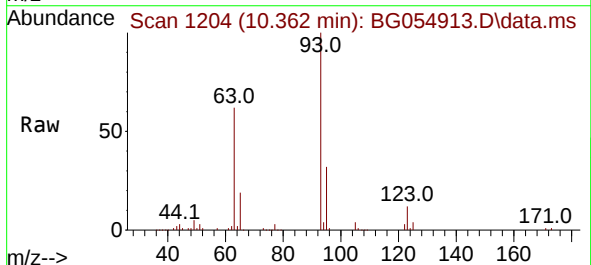
Instrument :  
BNA\_G  
ClientSampleId :  
PSC-124037MS

Tgt Ion:128 Resp: 380234  
Ion Ratio Lower Upper  
128 100  
129 11.3 9.0 13.4  
127 13.8 11.1 16.7



#32  
Benzoic acid  
Concen: 13.007 ng  
RT: 10.362 min Scan# 1204  
Delta R.T. 0.018 min  
Lab File: BG054913.D  
Acq: 12 Sep 2022 19:37

Tgt Ion:122 Resp: 9056  
Ion Ratio Lower Upper  
122 100  
105 116.0 101.5 141.5  
77 88.9 69.3 109.3

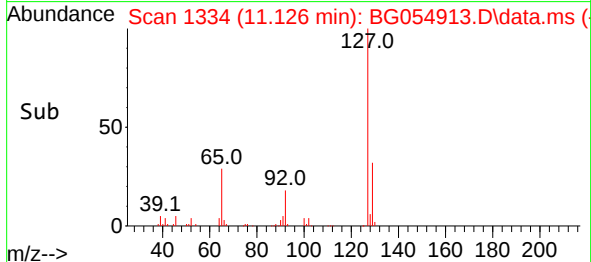
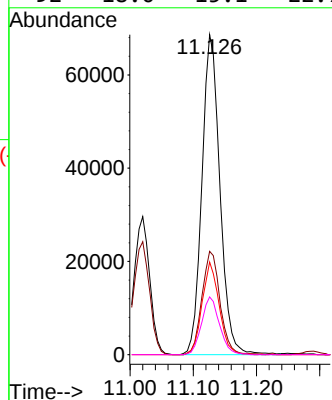
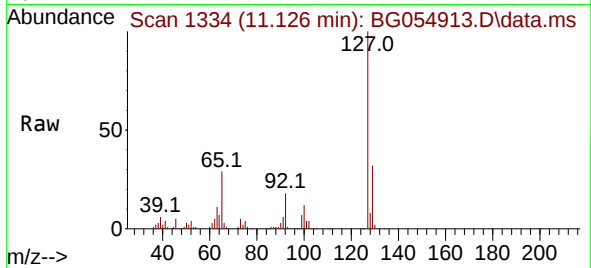




#33  
4-Chloroaniline  
Concen: 40.981 ng  
RT: 11.126 min Scan# 11  
Delta R.T. -0.005 min  
Lab File: BG054913.D  
Acq: 12 Sep 2022 19:37

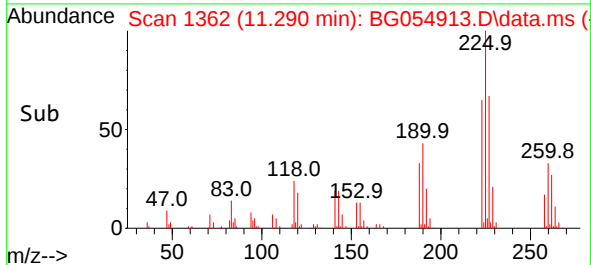
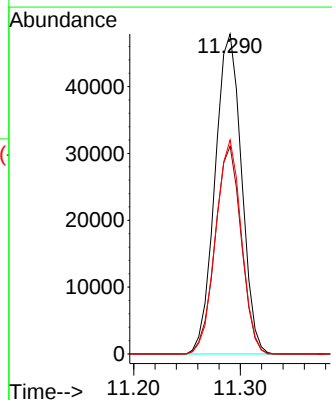
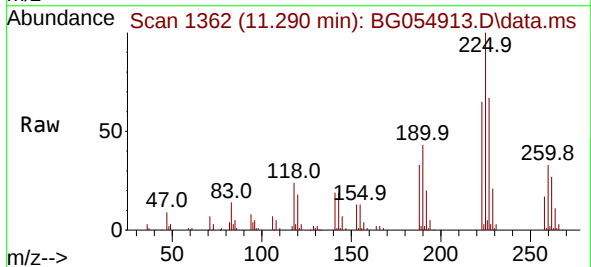
Instrument :  
BNA\_G  
ClientSampleId :  
PSC-124037MS

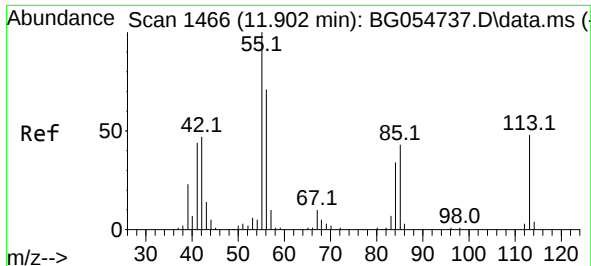
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 136169 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.3  | 26.0  | 39.0   |
| 65       | 28.9  | 25.8  | 38.8   |
| 92       | 18.0  | 15.1  | 22.7   |



#34  
Hexachlorobutadiene  
Concen: 48.610 ng  
RT: 11.290 min Scan# 1362  
Delta R.T. 0.001 min  
Lab File: BG054913.D  
Acq: 12 Sep 2022 19:37

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 82639 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 64.9  | 51.4  | 77.0  |
| 227      | 66.9  | 52.6  | 79.0  |

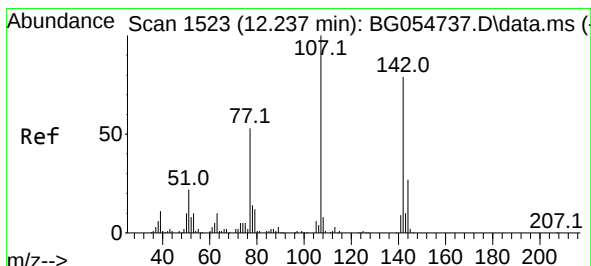
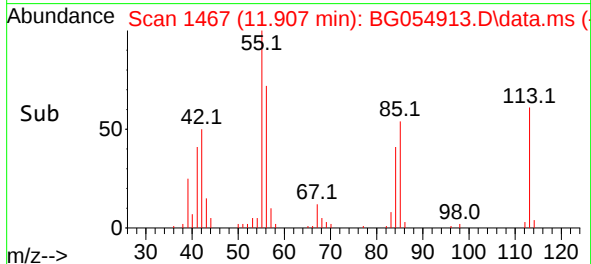
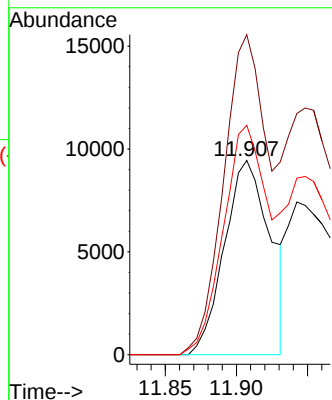
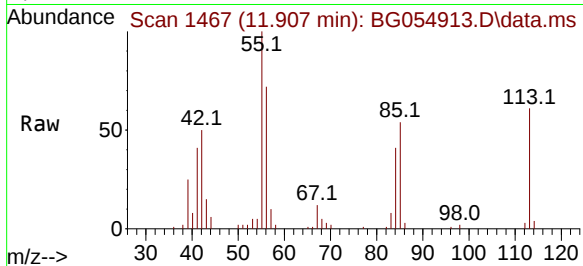




#35  
Caprolactam  
Concen: 25.702 ng  
RT: 11.907 min Scan# 1466  
Delta R.T. -0.005 min  
Lab File: BG054913.D  
Acq: 12 Sep 2022 19:37

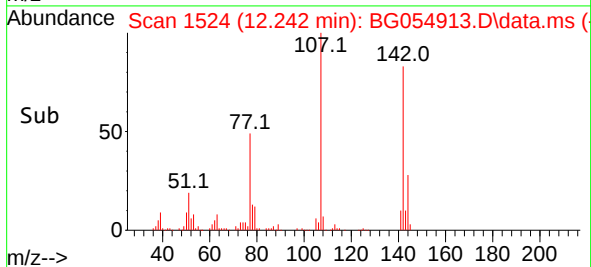
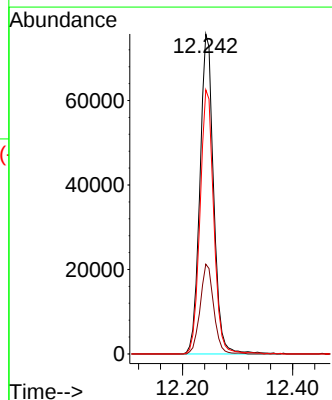
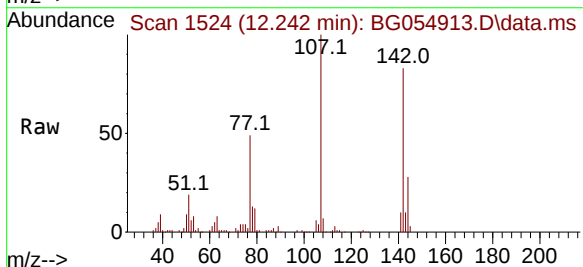
Instrument :  
BNA\_G  
ClientSampleId :  
PSC-124037MS

Tgt Ion:113 Resp: 21054  
Ion Ratio Lower Upper  
113 100  
55 164.8 179.1 219.1#  
56 118.1 120.8 160.8#



#36  
4-Chloro-3-methylphenol  
Concen: 51.603 ng  
RT: 12.242 min Scan# 1524  
Delta R.T. -0.005 min  
Lab File: BG054913.D  
Acq: 12 Sep 2022 19:37

Tgt Ion:107 Resp: 131022  
Ion Ratio Lower Upper  
107 100  
144 28.1 22.4 33.6  
142 82.6 65.8 98.8





#37

2-Methylnaphthalene

Concen: 48.606 ng

RT: 12.612 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG054913.D

Acq: 12 Sep 2022 19:37

Instrument :

BNA\_G

ClientSampleId :

PSC-124037MS

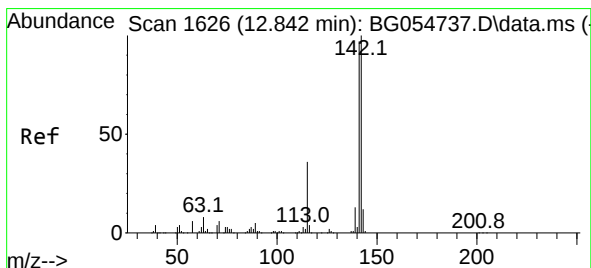
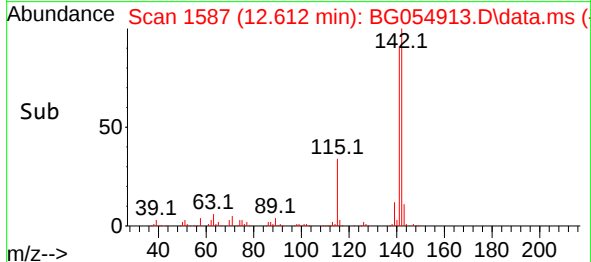
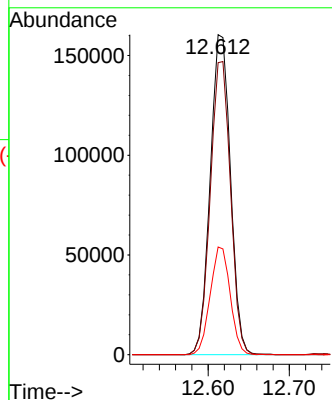
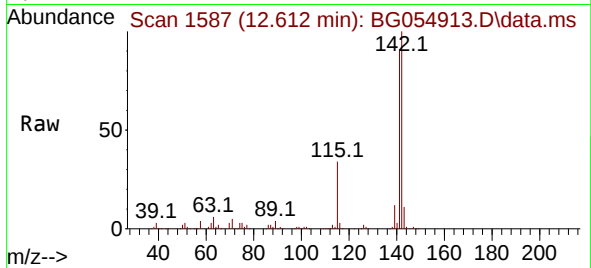
Tgt Ion:142 Resp: 277662

Ion Ratio Lower Upper

142 100

141 91.3 73.0 109.4

115 33.6 27.3 40.9



#38

1-Methylnaphthalene

Concen: 47.337 ng

RT: 12.836 min Scan# 1625

Delta R.T. 0.001 min

Lab File: BG054913.D

Acq: 12 Sep 2022 19:37

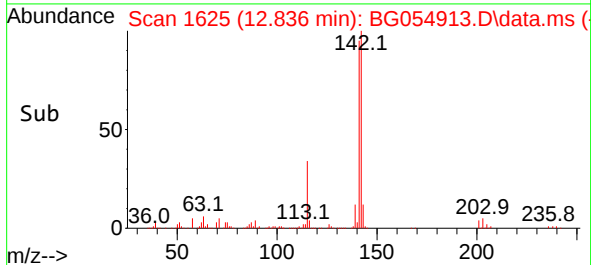
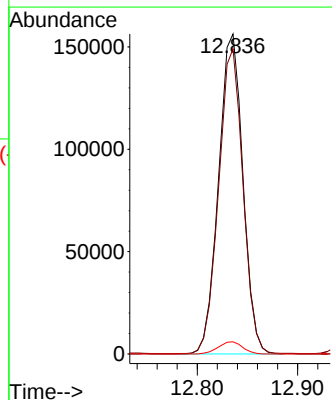
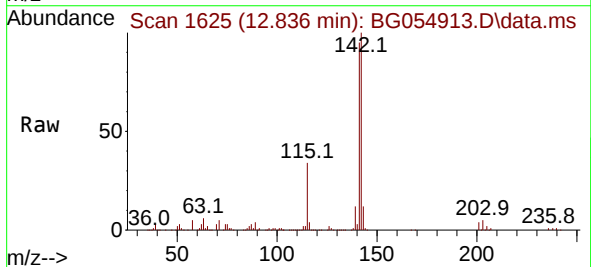
Tgt Ion:142 Resp: 263091

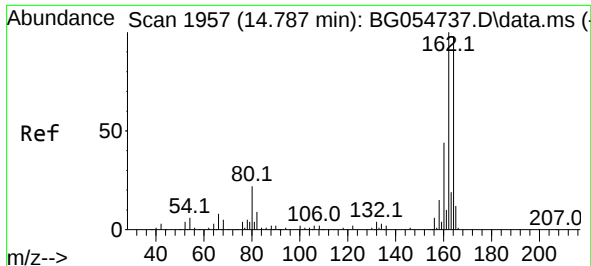
Ion Ratio Lower Upper

142 100

141 95.4 77.4 116.0

116 3.8 3.0 4.4

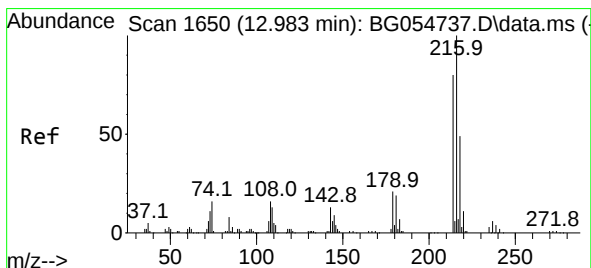
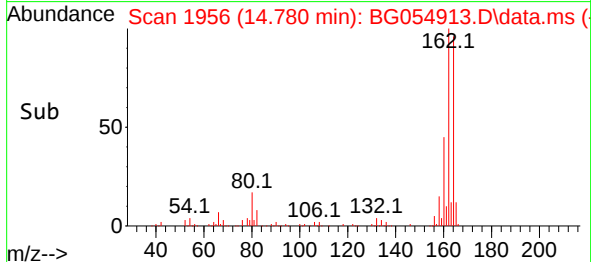
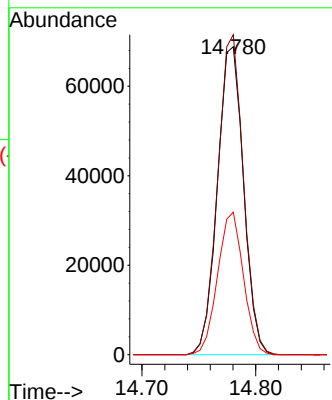
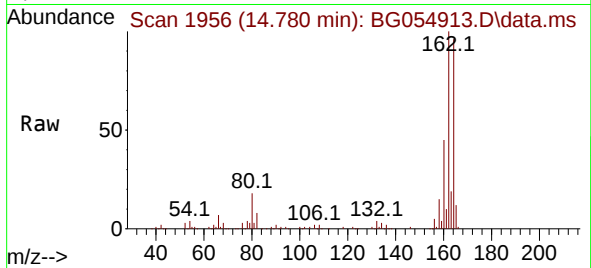




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.780 min Scan# 1957  
Delta R.T. 0.001 min  
Lab File: BG054913.D  
Acq: 12 Sep 2022 19:37

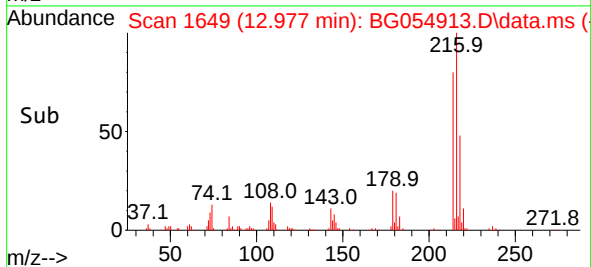
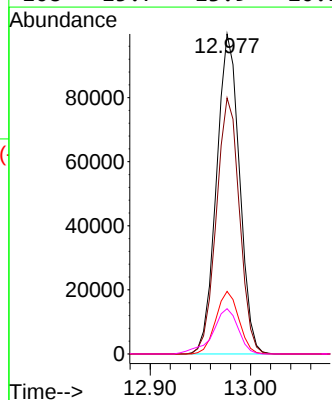
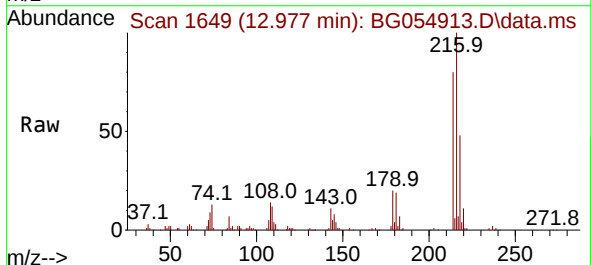
Instrument :  
BNA\_G  
ClientSampleId :  
PSC-124037MS

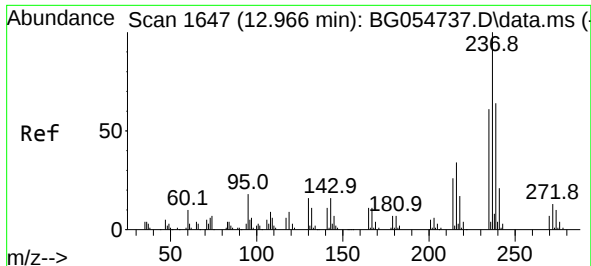
Tgt Ion:164 Resp: 109711  
Ion Ratio Lower Upper  
164 100  
162 103.9 83.0 124.4  
160 46.3 38.0 57.0



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 48.077 ng  
RT: 12.977 min Scan# 1649  
Delta R.T. -0.005 min  
Lab File: BG054913.D  
Acq: 12 Sep 2022 19:37

Tgt Ion:216 Resp: 159000  
Ion Ratio Lower Upper  
216 100  
214 80.2 63.2 94.8  
179 19.5 16.5 24.7  
108 15.7 13.9 20.9

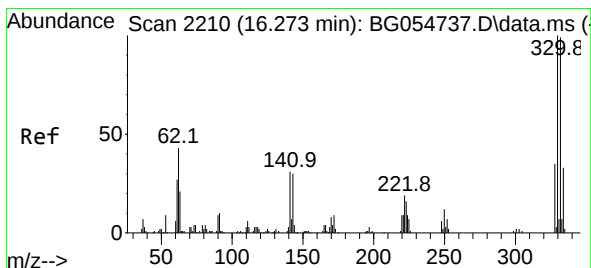
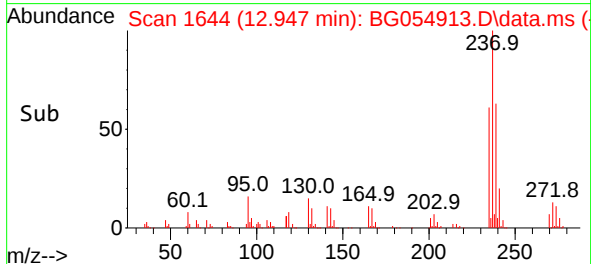
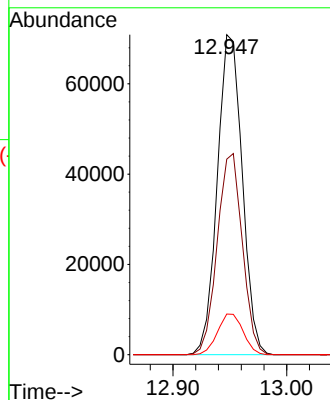
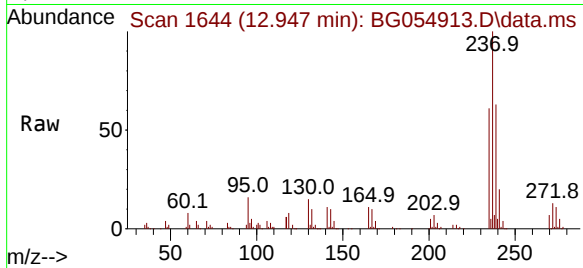




#41  
Hexachlorocyclopentadiene  
Concen: 61.599 ng  
RT: 12.947 min Scan# 1  
Delta R.T. -0.005 min  
Lab File: BG054913.D  
Acq: 12 Sep 2022 19:37

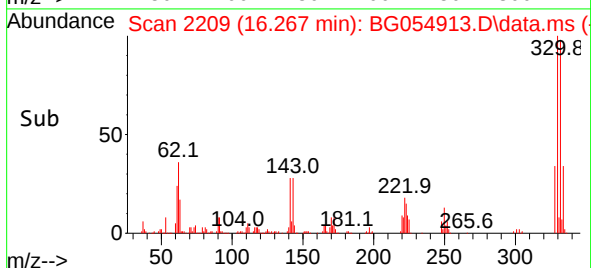
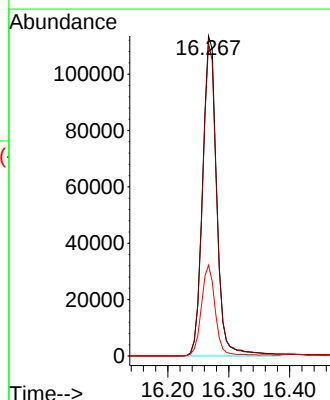
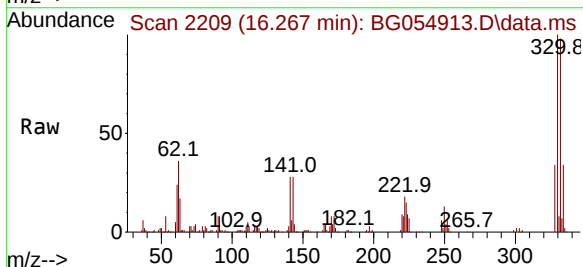
Instrument :  
BNA\_G  
ClientSampleId :  
PSC-124037MS

Tgt Ion:237 Resp: 108039  
Ion Ratio Lower Upper  
237 100  
235 61.1 42.2 82.2  
272 12.7 0.0 34.0



#42  
2,4,6-Tribromophenol  
Concen: 133.845 ng  
RT: 16.267 min Scan# 2209  
Delta R.T. -0.005 min  
Lab File: BG054913.D  
Acq: 12 Sep 2022 19:37

Tgt Ion:330 Resp: 183490  
Ion Ratio Lower Upper  
330 100  
332 98.9 79.8 119.6  
141 27.9 26.8 40.2

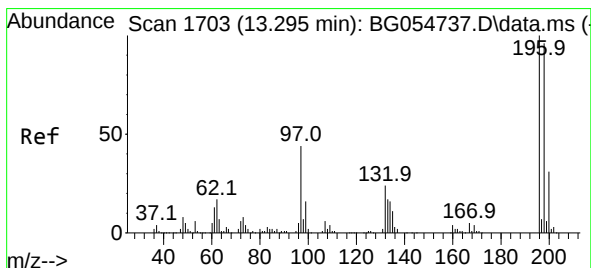
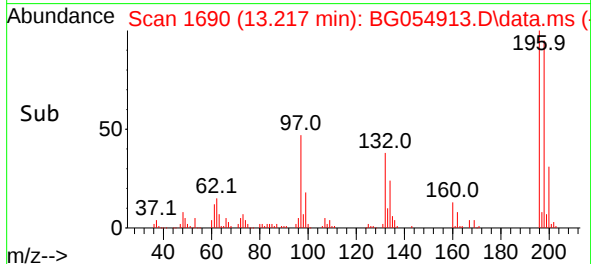
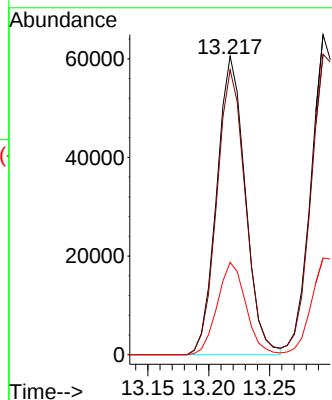
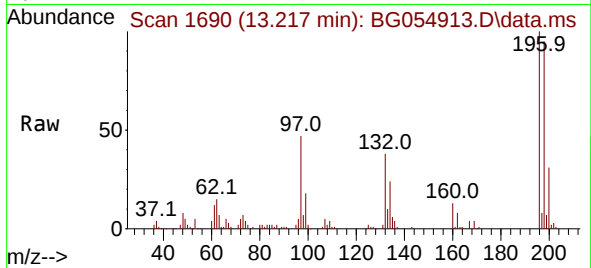




#43  
2,4,6-Trichlorophenol  
Concen: 44.988 ng  
RT: 13.217 min Scan# 1  
Delta R.T. -0.005 min  
Lab File: BG054913.D  
Acq: 12 Sep 2022 19:37

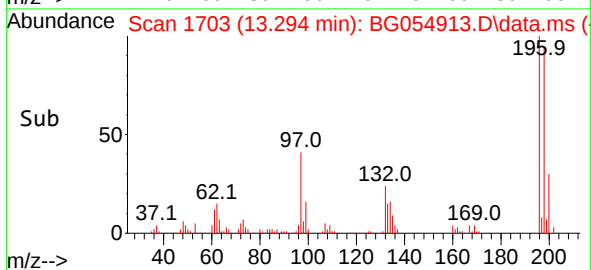
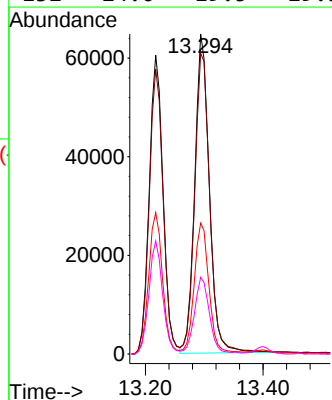
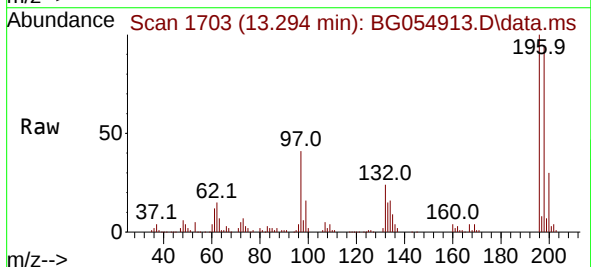
Instrument :  
BNA\_G  
ClientSampleId :  
PSC-124037MS

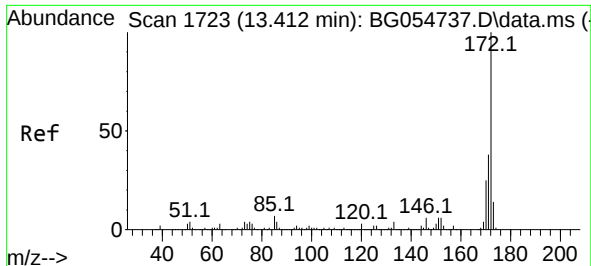
Tgt Ion:196 Resp: 98754  
Ion Ratio Lower Upper  
196 100  
198 95.4 77.1 115.7  
200 30.9 24.2 36.4



#44  
2,4,5-Trichlorophenol  
Concen: 45.366 ng  
RT: 13.294 min Scan# 1703  
Delta R.T. -0.005 min  
Lab File: BG054913.D  
Acq: 12 Sep 2022 19:37

Tgt Ion:196 Resp: 111838  
Ion Ratio Lower Upper  
196 100  
198 93.9 76.7 115.1  
97 40.9 36.6 55.0  
132 24.0 19.5 29.3

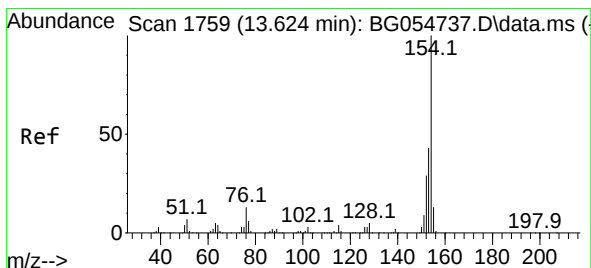
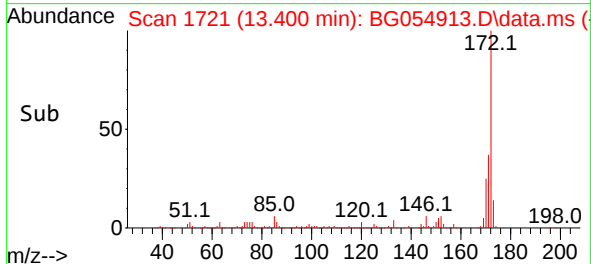
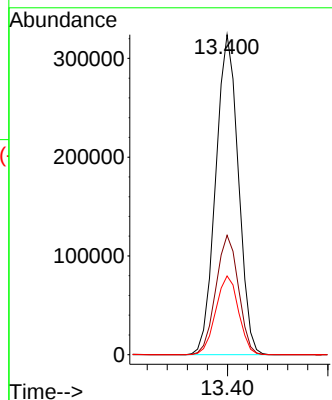
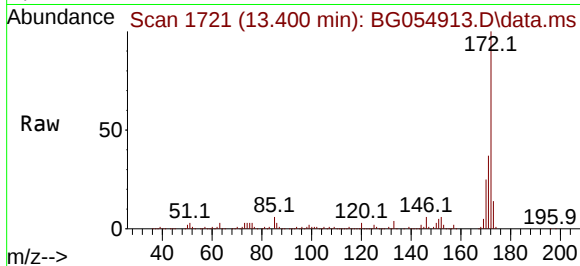




#45  
2-Fluorobiphenyl  
Concen: 69.455 ng  
RT: 13.400 min Scan# 1721  
Delta R.T. -0.005 min  
Lab File: BG054913.D  
Acq: 12 Sep 2022 19:37

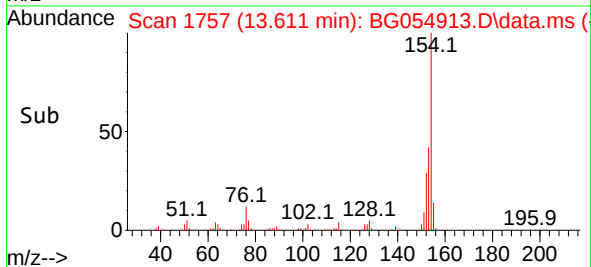
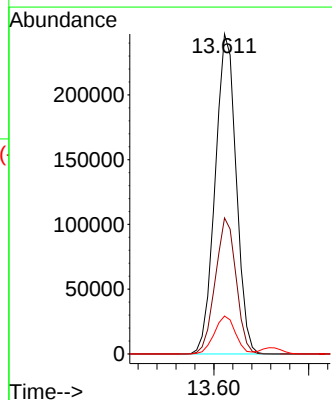
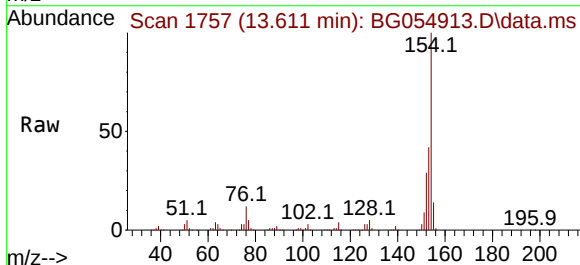
Instrument :  
BNA\_G  
ClientSampleId :  
PSC-124037MS

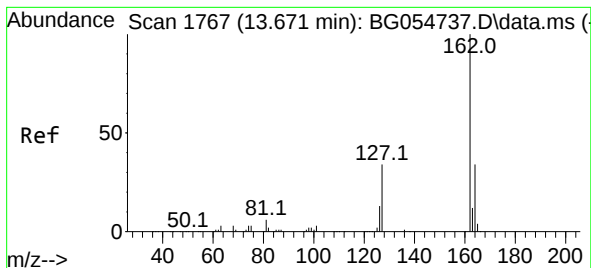
Tgt Ion:172 Resp: 506980  
Ion Ratio Lower Upper  
172 100  
171 37.3 31.2 46.8  
170 24.6 20.6 30.8



#46  
1,1'-Biphenyl  
Concen: 46.672 ng  
RT: 13.611 min Scan# 1757  
Delta R.T. -0.005 min  
Lab File: BG054913.D  
Acq: 12 Sep 2022 19:37

Tgt Ion:154 Resp: 380244  
Ion Ratio Lower Upper  
154 100  
153 42.5 22.2 62.2  
76 11.9 0.0 34.0





#47

2-Chloronaphthalene

Concen: 45.535 ng

RT: 13.664 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG054913.D

Acq: 12 Sep 2022 19:37

Instrument :

BNA\_G

ClientSampleId :

PSC-124037MS

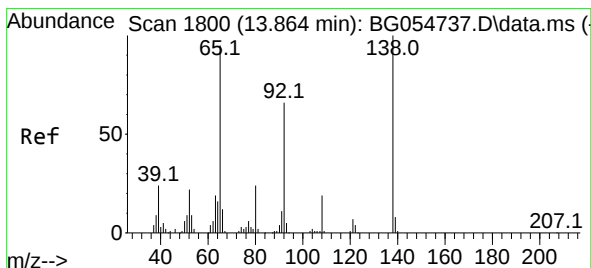
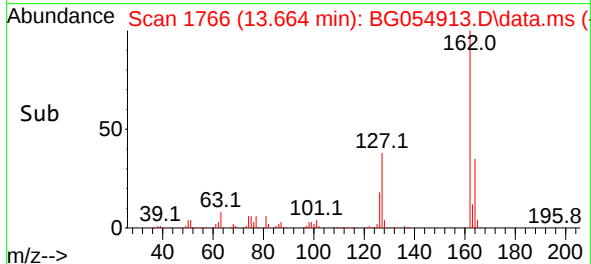
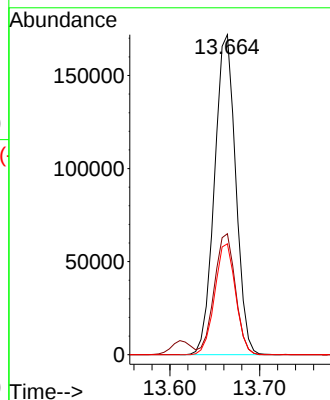
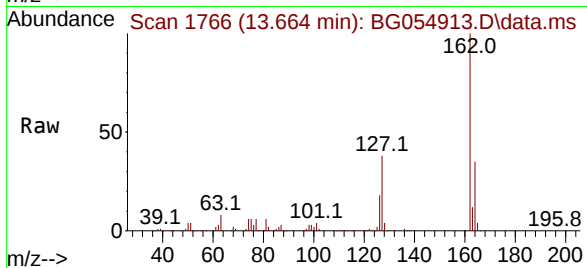
Tgt Ion:162 Resp: 281745

Ion Ratio Lower Upper

162 100

127 37.8 31.5 47.3

164 34.7 27.8 41.6



#48

2-Nitroaniline

Concen: 42.594 ng

RT: 13.864 min Scan# 1800

Delta R.T. -0.005 min

Lab File: BG054913.D

Acq: 12 Sep 2022 19:37

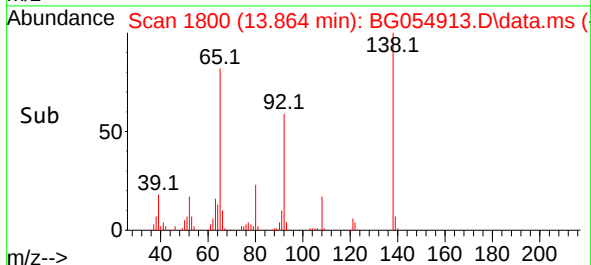
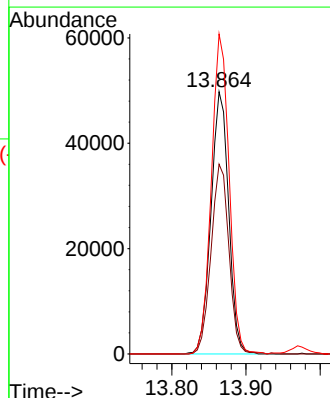
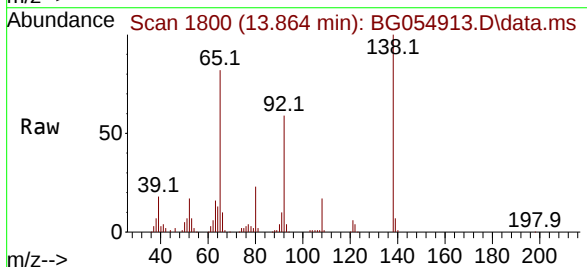
Tgt Ion: 65 Resp: 82594

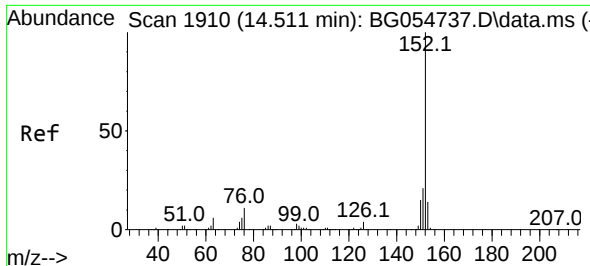
Ion Ratio Lower Upper

65 100

92 72.4 54.7 82.1

138 122.0 84.1 126.1





#49

Acenaphthylene

Concen: 46.754 ng

RT: 14.504 min Scan# 1910

Delta R.T. -0.005 min

Lab File: BG054913.D

Acq: 12 Sep 2022 19:37

Instrument :

BNA\_G

ClientSampleId :

PSC-124037MS

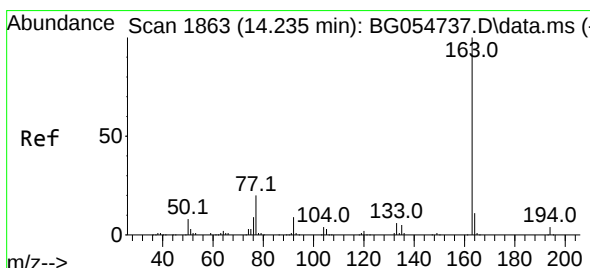
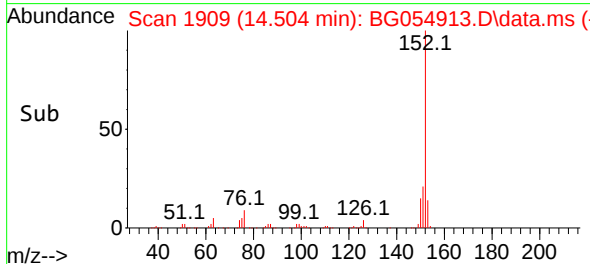
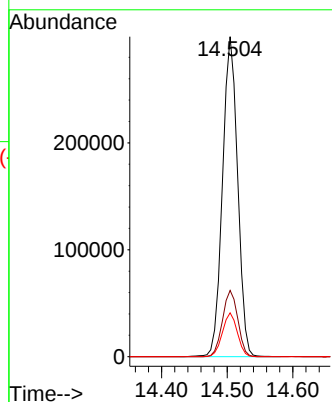
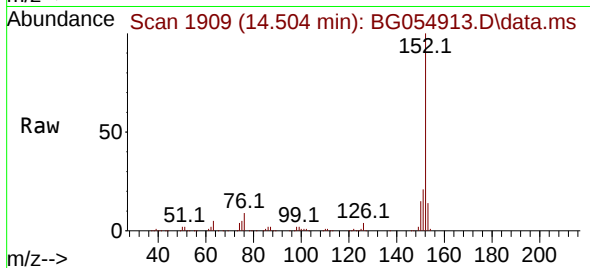
Tgt Ion:152 Resp: 477374

Ion Ratio Lower Upper

152 100

151 20.7 17.3 25.9

153 13.7 10.8 16.2



#50

Dimethylphthalate

Concen: 45.396 ng

RT: 14.222 min Scan# 1861

Delta R.T. -0.005 min

Lab File: BG054913.D

Acq: 12 Sep 2022 19:37

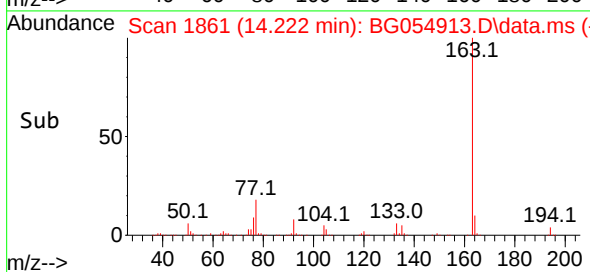
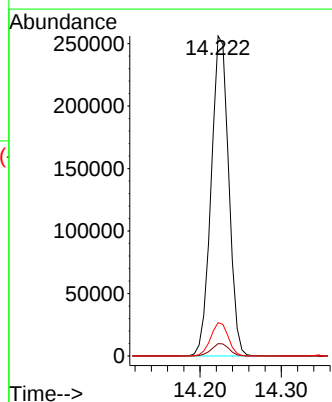
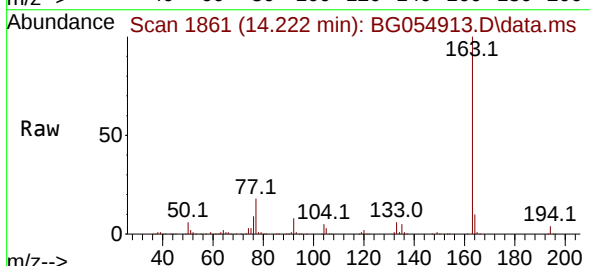
Tgt Ion:163 Resp: 383696

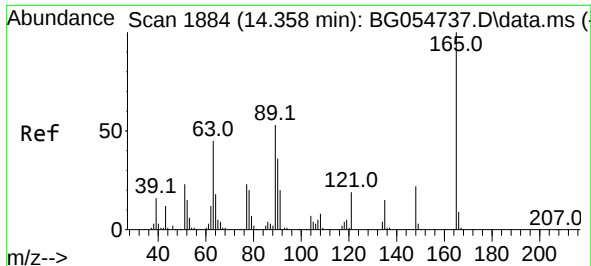
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

164 10.4 8.0 12.0

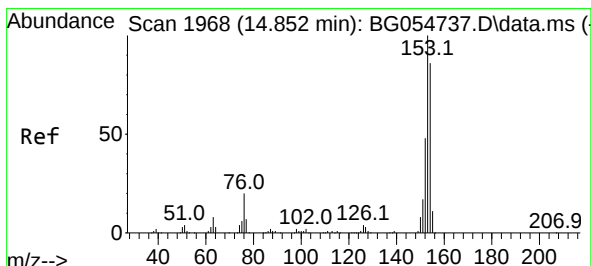
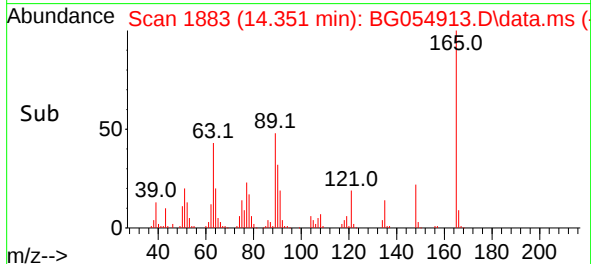
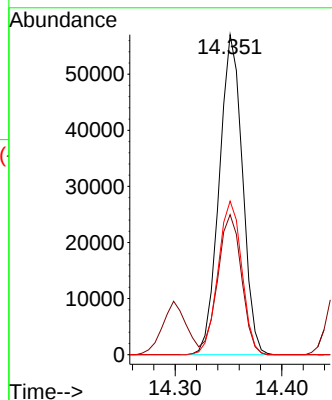
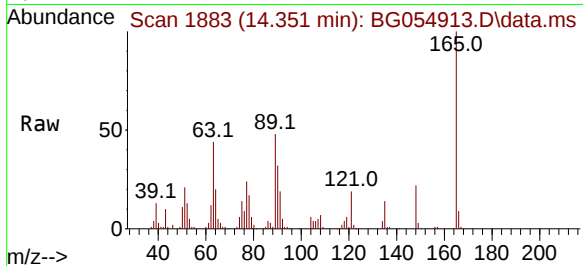




#51  
2,6-Dinitrotoluene  
Concen: 49.904 ng  
RT: 14.351 min Scan# 1  
Delta R.T. -0.005 min  
Lab File: BG054913.D  
Acq: 12 Sep 2022 19:37

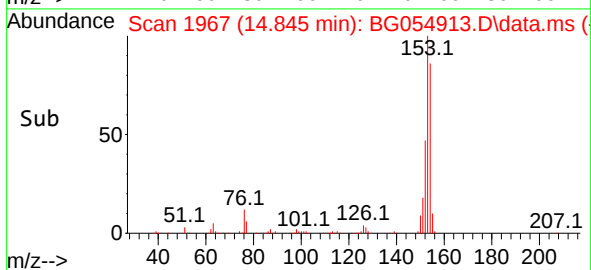
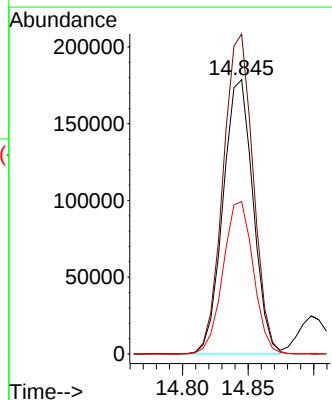
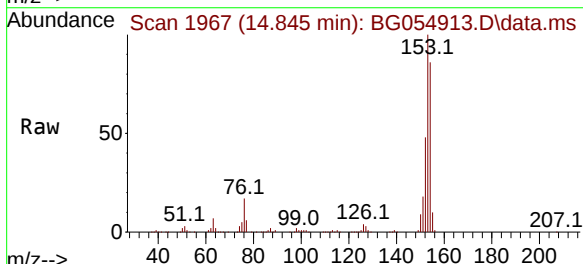
Instrument :  
BNA\_G  
ClientSampleId :  
PSC-124037MS

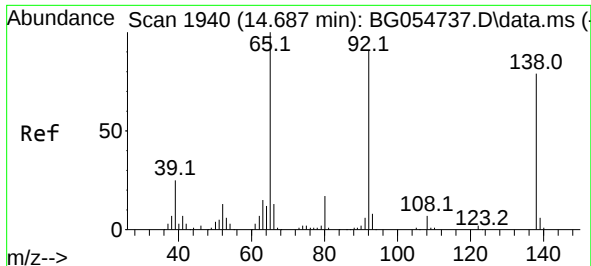
Tgt Ion:165 Resp: 86274  
Ion Ratio Lower Upper  
165 100  
63 43.8 46.0 69.0#  
89 48.0 50.3 75.5#



#52  
Acenaphthene  
Concen: 43.362 ng  
RT: 14.845 min Scan# 1967  
Delta R.T. 0.001 min  
Lab File: BG054913.D  
Acq: 12 Sep 2022 19:37

Tgt Ion:154 Resp: 284400  
Ion Ratio Lower Upper  
154 100  
153 116.7 92.8 139.2  
152 55.5 45.4 68.2

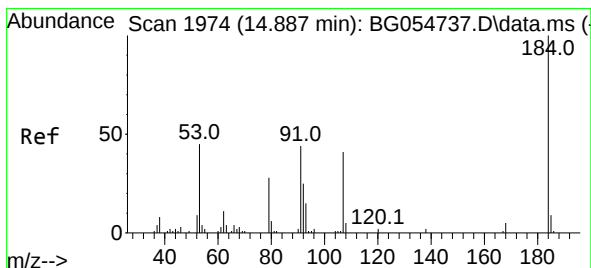
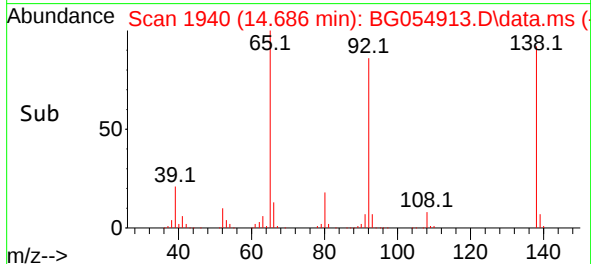
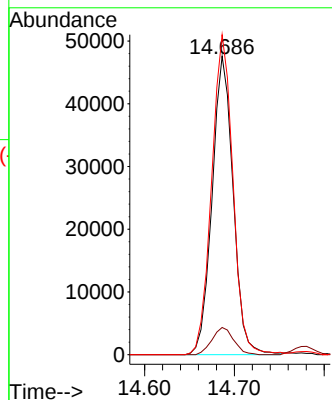
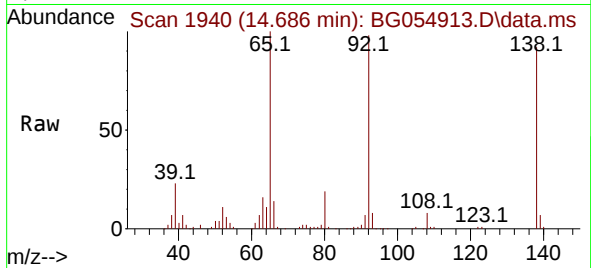




#53  
3-Nitroaniline  
Concen: 39.990 ng  
RT: 14.686 min Scan# 1940  
Delta R.T. -0.005 min  
Lab File: BG054913.D  
Acq: 12 Sep 2022 19:37

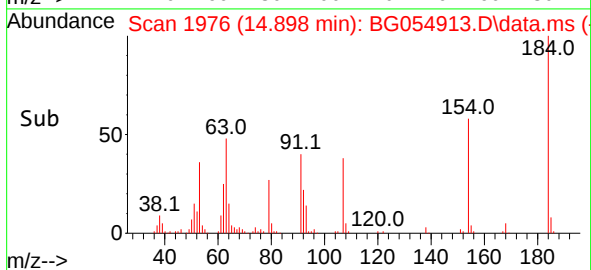
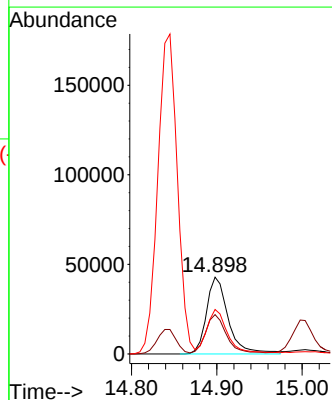
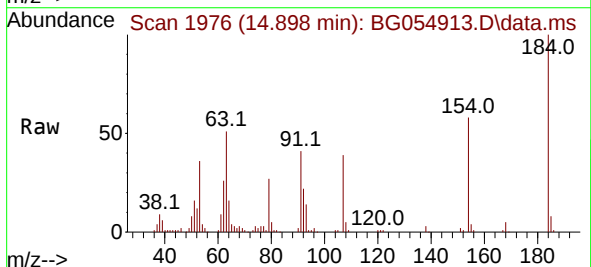
Instrument :  
BNA\_G  
ClientSampleId :  
PSC-124037MS

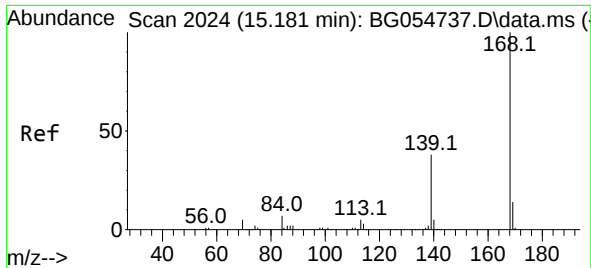
Tgt Ion:138 Resp: 77393  
Ion Ratio Lower Upper  
138 100  
108 9.1 7.6 11.4  
92 107.2 96.0 144.0



#54  
2,4-Dinitrophenol  
Concen: 78.427 ng  
RT: 14.898 min Scan# 1976  
Delta R.T. -0.005 min  
Lab File: BG054913.D  
Acq: 12 Sep 2022 19:37

Tgt Ion:184 Resp: 76379  
Ion Ratio Lower Upper  
184 100  
63 51.3 41.8 62.8  
154 57.9 45.2 67.8

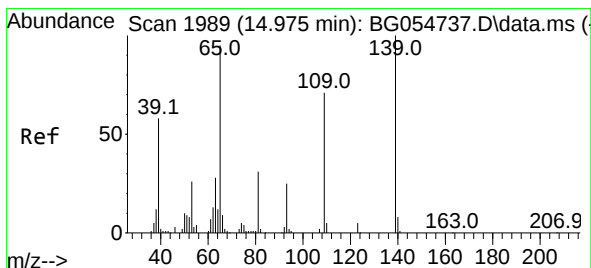
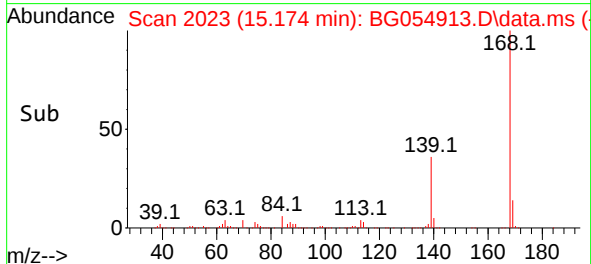
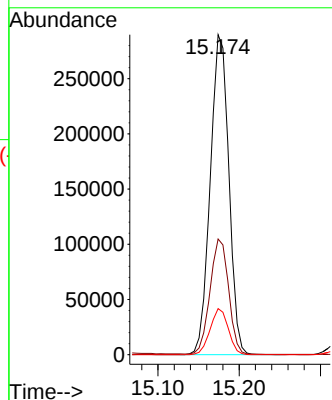
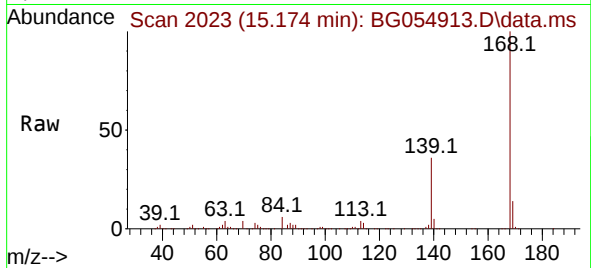




#55  
Dibenzenofuran  
Concen: 47.672 ng  
RT: 15.174 min Scan# 20  
Delta R.T. -0.005 min  
Lab File: BG054913.D  
Acq: 12 Sep 2022 19:37

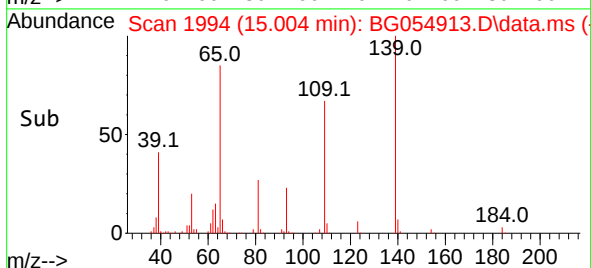
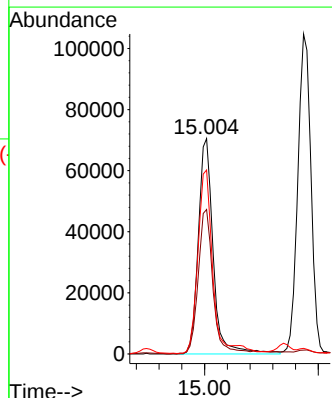
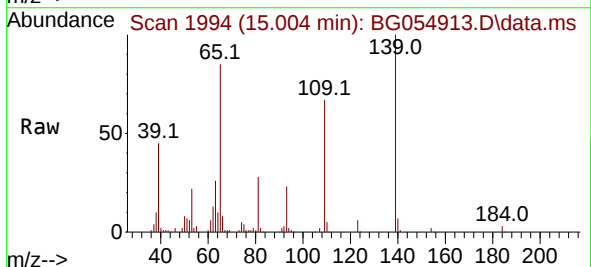
Instrument :  
BNA\_G  
ClientSampleId :  
PSC-124037MS

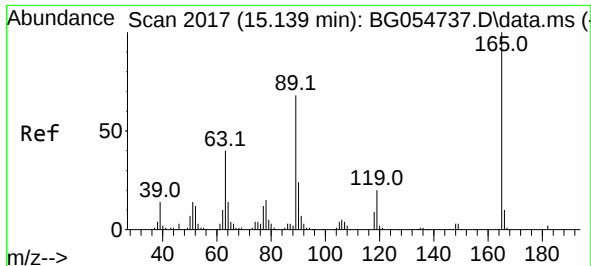
Tgt Ion:168 Resp: 459437  
Ion Ratio Lower Upper  
168 100  
139 36.1 30.2 45.2  
169 14.4 11.3 16.9



#56  
4-Nitrophenol  
Concen: 86.016 ng  
RT: 15.004 min Scan# 1994  
Delta R.T. 0.001 min  
Lab File: BG054913.D  
Acq: 12 Sep 2022 19:37

Tgt Ion:139 Resp: 128823  
Ion Ratio Lower Upper  
139 100  
109 67.0 50.5 90.5  
65 85.4 79.9 119.9

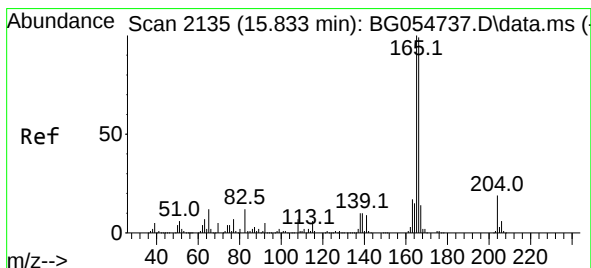
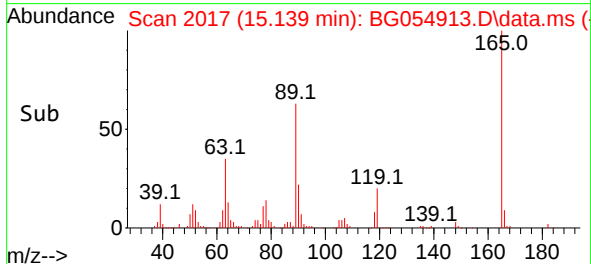
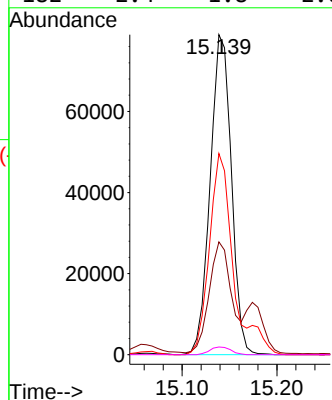
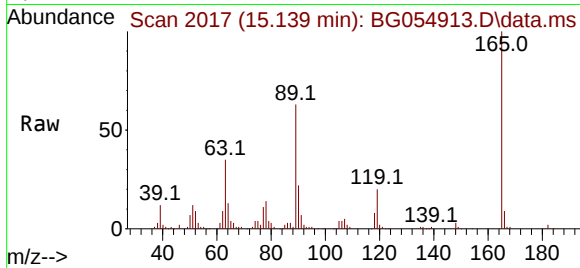




#57  
2,4-Dinitrotoluene  
Concen: 51.218 ng  
RT: 15.139 min Scan# 2017  
Delta R.T. -0.005 min  
Lab File: BG054913.D  
Acq: 12 Sep 2022 19:37

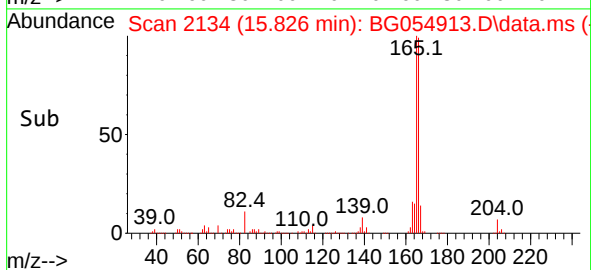
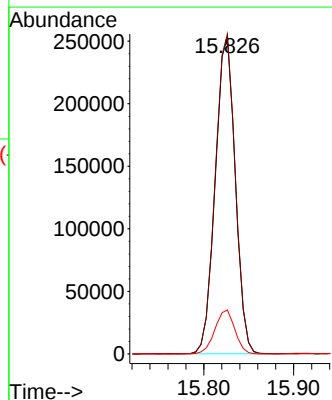
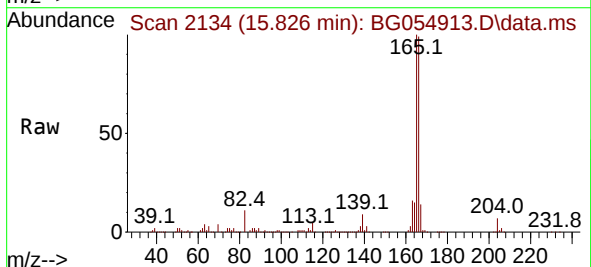
Instrument :  
BNA\_G  
ClientSampleId :  
PSC-124037MS

Tgt Ion:165 Resp: 122477  
Ion Ratio Lower Upper  
165 100  
63 35.2 36.8 55.2#  
89 62.9 64.3 96.5#  
182 2.4 1.8 2.6



#58  
Fluorene  
Concen: 48.030 ng  
RT: 15.826 min Scan# 2134  
Delta R.T. 0.001 min  
Lab File: BG054913.D  
Acq: 12 Sep 2022 19:37

Tgt Ion:166 Resp: 389948  
Ion Ratio Lower Upper  
166 100  
165 101.0 80.8 121.2  
167 13.9 11.4 17.0

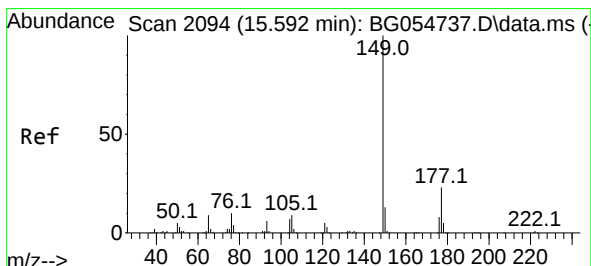
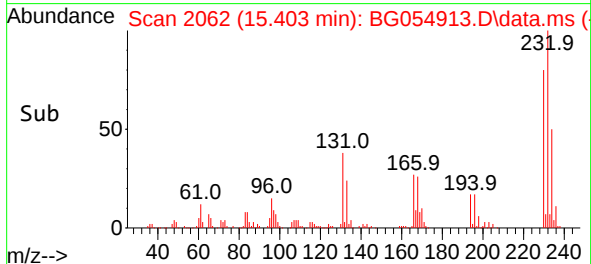
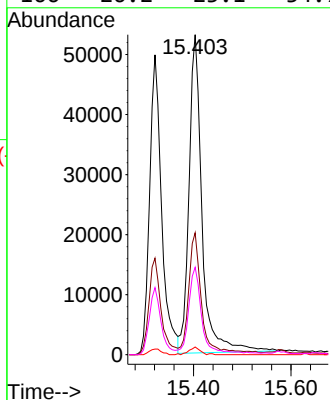
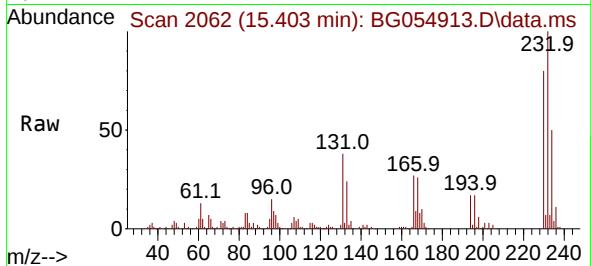




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 44.277 ng  
RT: 15.403 min Scan# 2062  
Delta R.T. 0.001 min  
Lab File: BG054913.D  
Acq: 12 Sep 2022 19:37

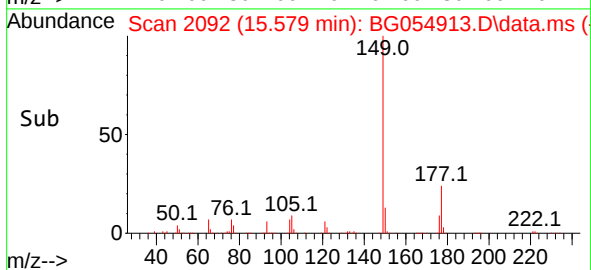
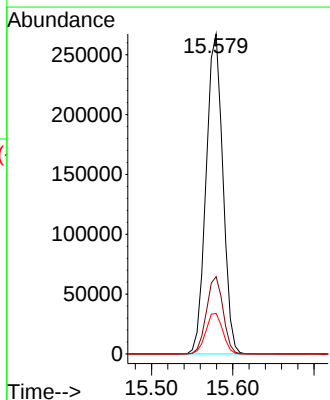
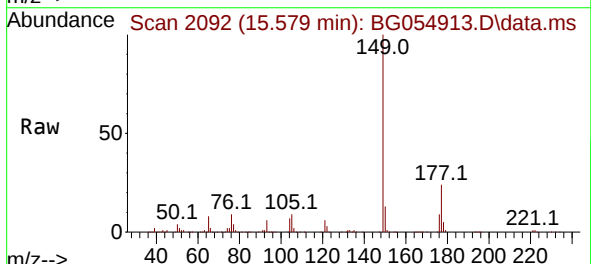
Instrument :  
BNA\_G  
ClientSampleId :  
PSC-124037MS

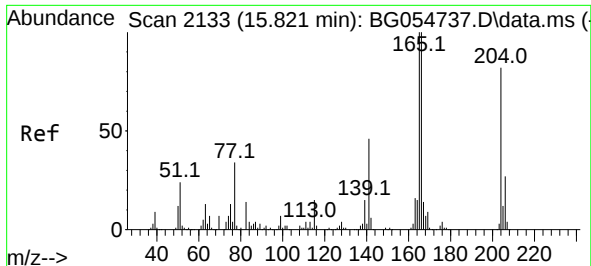
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:232 | Resp: | 98395     |
| Ion Ratio   | Lower | Upper     |
| 232         | 100   |           |
| 131         | 37.5  | 31.3 46.9 |
| 130         | 2.1   | 1.8 2.6   |
| 166         | 26.2  | 23.1 34.7 |



#60  
Diethylphthalate  
Concen: 45.243 ng  
RT: 15.579 min Scan# 2092  
Delta R.T. 0.001 min  
Lab File: BG054913.D  
Acq: 12 Sep 2022 19:37

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:149 | Resp: | 381852    |
| Ion Ratio   | Lower | Upper     |
| 149         | 100   |           |
| 177         | 24.2  | 17.8 26.6 |
| 150         | 12.7  | 10.1 15.1 |

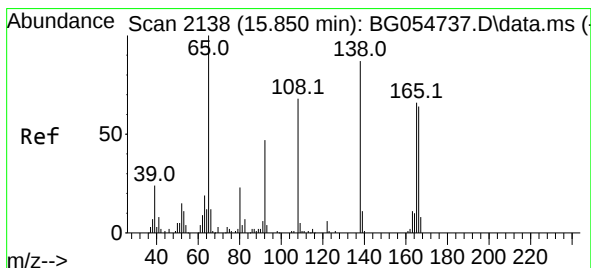
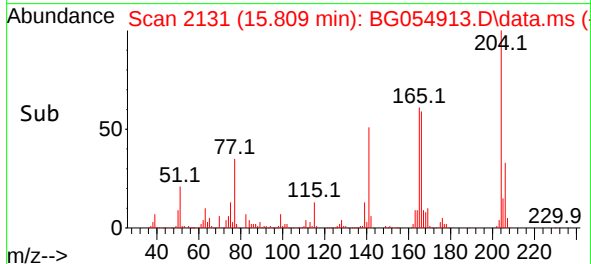
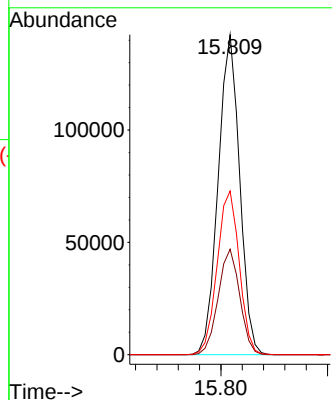
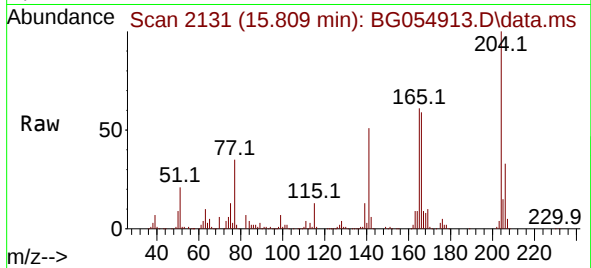




#61  
4-Chlorophenyl-phenylether  
Concen: 49.622 ng  
RT: 15.809 min Scan# 2131  
Delta R.T. -0.005 min  
Lab File: BG054913.D  
Acq: 12 Sep 2022 19:37

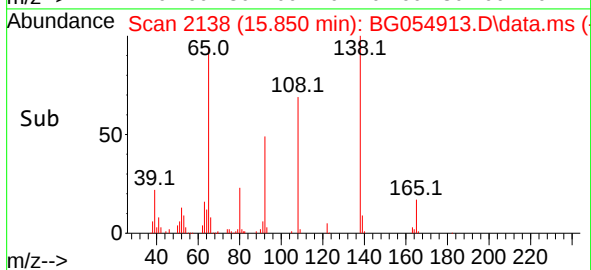
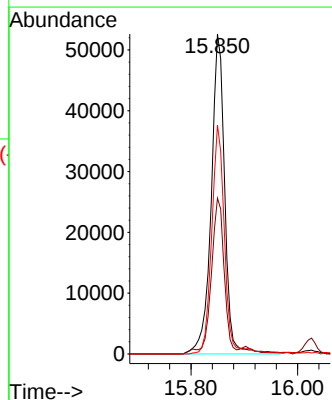
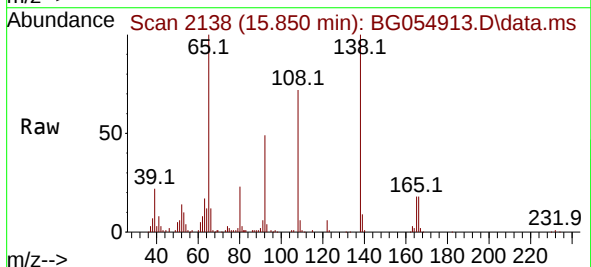
Instrument :  
BNA\_G  
ClientSampleId :  
PSC-124037MS

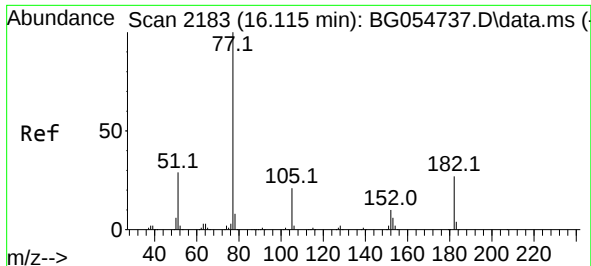
Tgt Ion:204 Resp: 198746  
Ion Ratio Lower Upper  
204 100  
206 33.0 26.6 39.8  
141 51.1 44.9 67.3



#62  
4-Nitroaniline  
Concen: 46.899 ng  
RT: 15.850 min Scan# 2138  
Delta R.T. -0.005 min  
Lab File: BG054913.D  
Acq: 12 Sep 2022 19:37

Tgt Ion:138 Resp: 92668  
Ion Ratio Lower Upper  
138 100  
92 48.7 34.7 74.7  
108 71.6 56.2 96.2

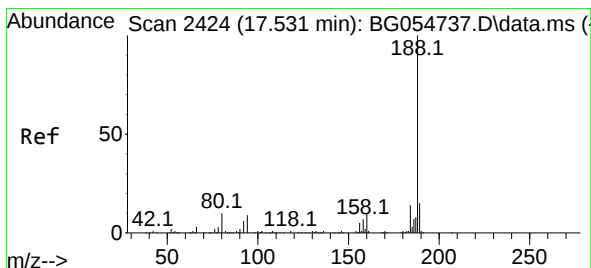
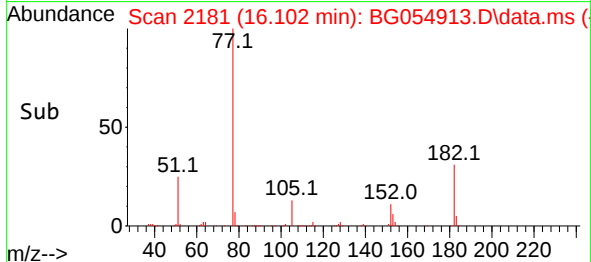
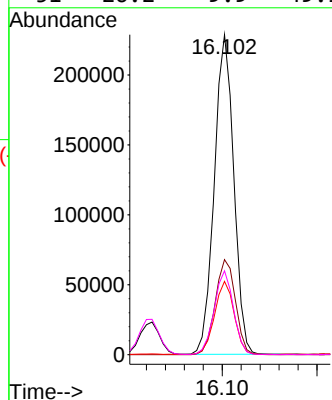
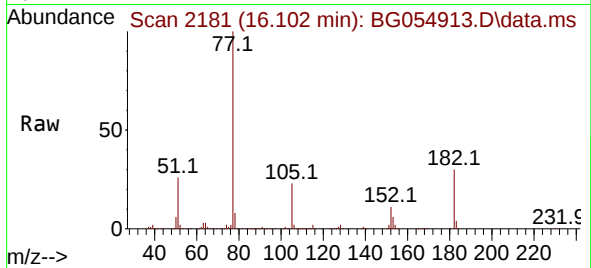




#63  
Azobenzene  
Concen: 40.605 ng  
RT: 16.102 min Scan# 2181  
Delta R.T. -0.005 min  
Lab File: BG054913.D  
Acq: 12 Sep 2022 19:37

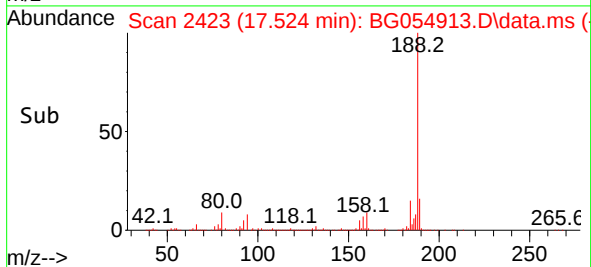
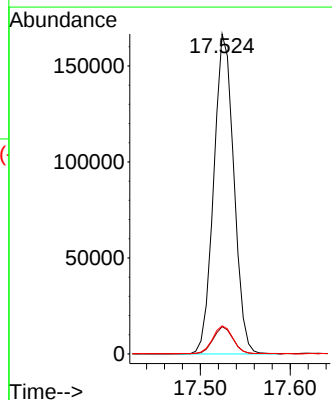
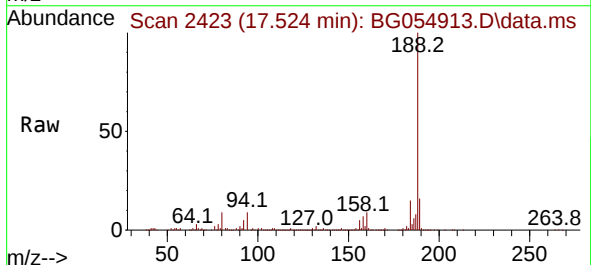
Instrument :  
BNA\_G  
ClientSampleId :  
PSC-124037MS

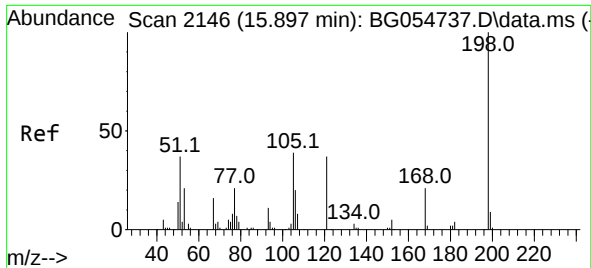
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 77    | Resp: | 325696 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 182      | 29.7  | 5.1   | 45.1   |
| 105      | 22.9  | 0.7   | 40.7   |
| 51       | 26.2  | 9.9   | 49.9   |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.524 min Scan# 2423  
Delta R.T. -0.005 min  
Lab File: BG054913.D  
Acq: 12 Sep 2022 19:37

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 258904 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 8.5   | 7.0   | 10.4   |
| 80       | 8.8   | 7.9   | 11.9   |

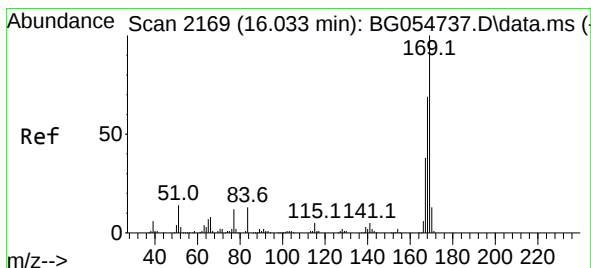
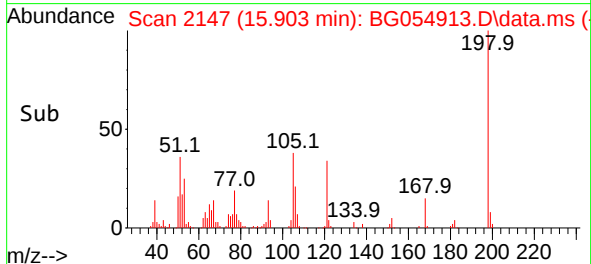
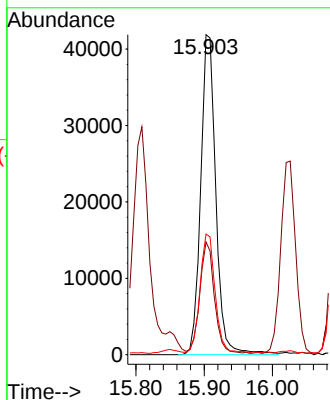
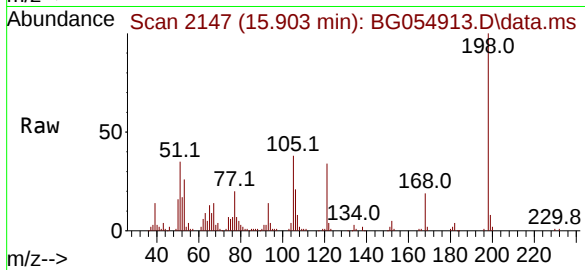




#65  
4,6-Dinitro-2-methylphenol  
Concen: 49.060 ng  
RT: 15.903 min Scan# 2147  
Delta R.T. -0.005 min  
Lab File: BG054913.D  
Acq: 12 Sep 2022 19:37

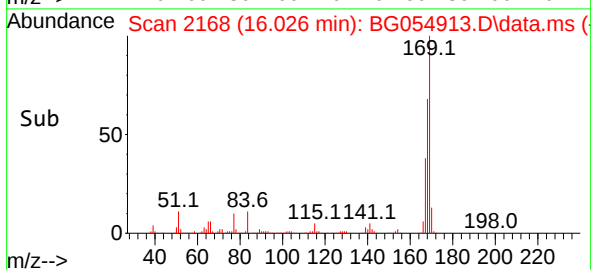
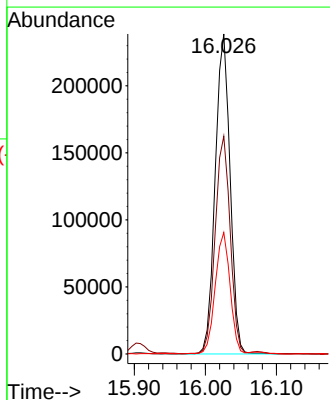
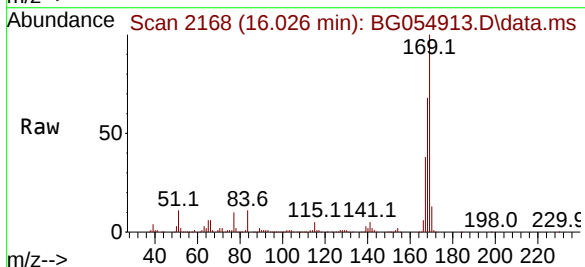
Instrument :  
BNA\_G  
ClientSampleId :  
PSC-124037MS

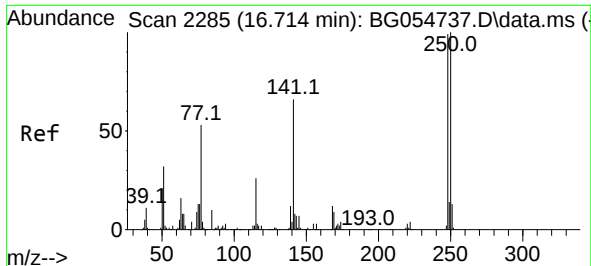
Tgt Ion:198 Resp: 64656  
Ion Ratio Lower Upper  
198 100  
51 35.2 19.9 59.9  
105 37.7 20.3 60.3



#66  
n-Nitrosodiphenylamine  
Concen: 46.286 ng  
RT: 16.026 min Scan# 2168  
Delta R.T. 0.001 min  
Lab File: BG054913.D  
Acq: 12 Sep 2022 19:37

Tgt Ion:169 Resp: 345585  
Ion Ratio Lower Upper  
169 100  
168 68.1 55.6 83.4  
167 37.9 30.9 46.3

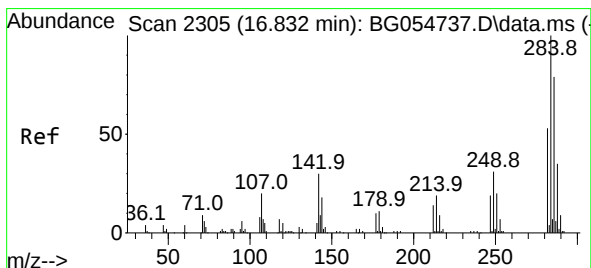
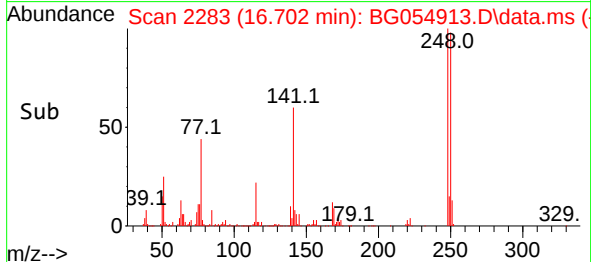
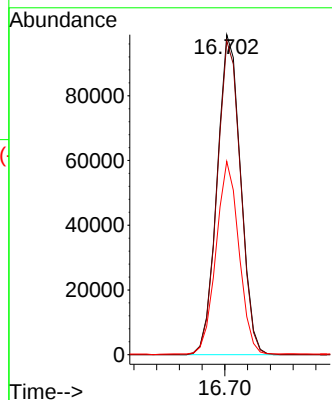
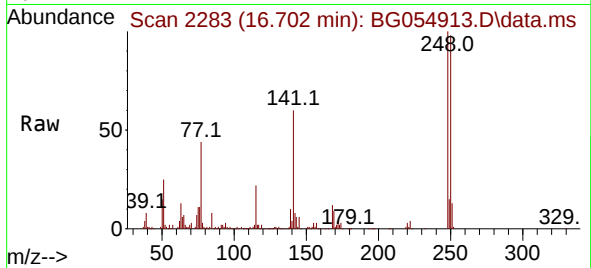




#67  
4-Bromophenyl-phenylether  
Concen: 50.096 ng  
RT: 16.702 min Scan# 21  
Delta R.T. -0.005 min  
Lab File: BG054913.D  
Acq: 12 Sep 2022 19:37

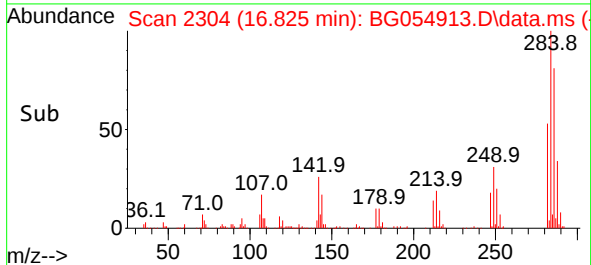
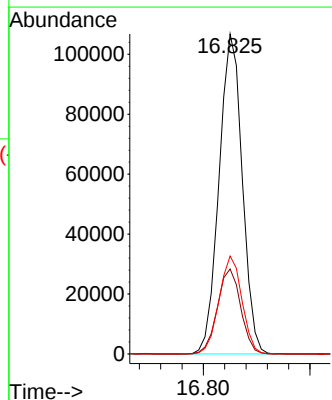
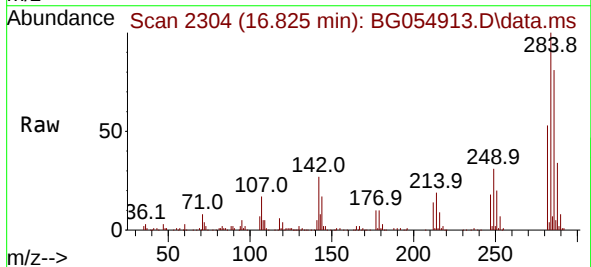
Instrument :  
BNA\_G  
ClientSampleId :  
PSC-124037MS

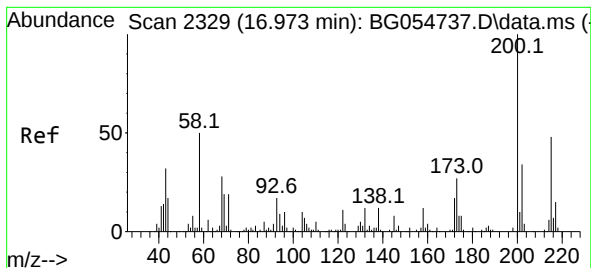
Tgt Ion:248 Resp: 142401  
Ion Ratio Lower Upper  
248 100  
250 98.0 78.8 118.2  
141 60.4 51.9 77.9



#68  
Hexachlorobenzene  
Concen: 50.323 ng  
RT: 16.825 min Scan# 2304  
Delta R.T. -0.005 min  
Lab File: BG054913.D  
Acq: 12 Sep 2022 19:37

Tgt Ion:284 Resp: 160807  
Ion Ratio Lower Upper  
284 100  
142 26.6 25.0 37.6  
249 30.6 24.5 36.7





#69

Atrazine

Concen: 53.378 ng

RT: 16.966 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG054913.D

Acq: 12 Sep 2022 19:37

Instrument :

BNA\_G

ClientSampleId :

PSC-124037MS

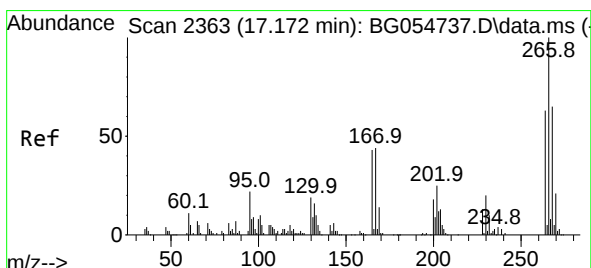
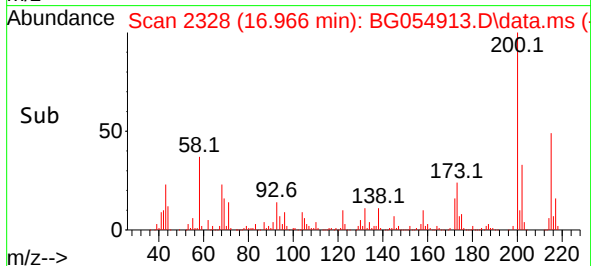
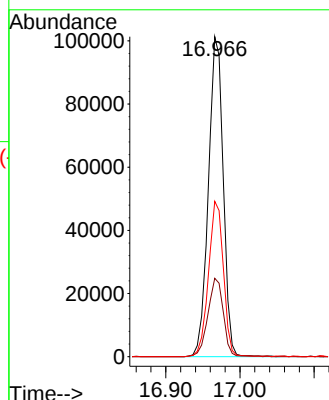
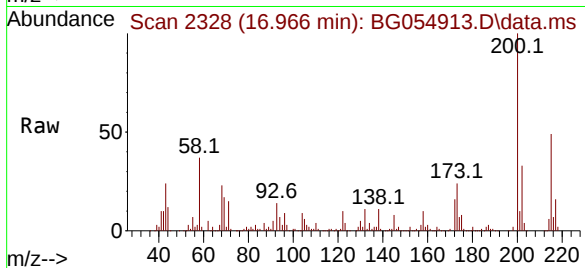
Tgt Ion:200 Resp: 140599

Ion Ratio Lower Upper

200 100

173 24.5 5.6 45.6

215 48.6 28.2 68.2



#70

Pentachlorophenol

Concen: 67.026 ng

RT: 17.178 min Scan# 2364

Delta R.T. -0.005 min

Lab File: BG054913.D

Acq: 12 Sep 2022 19:37

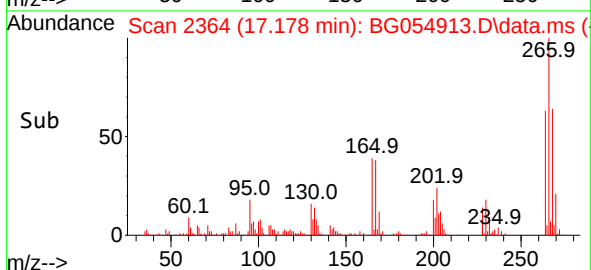
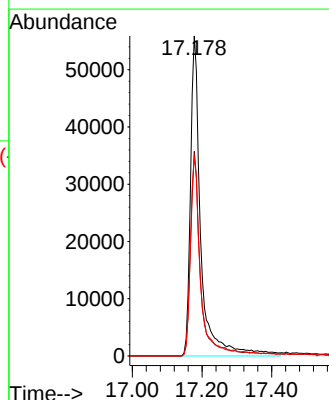
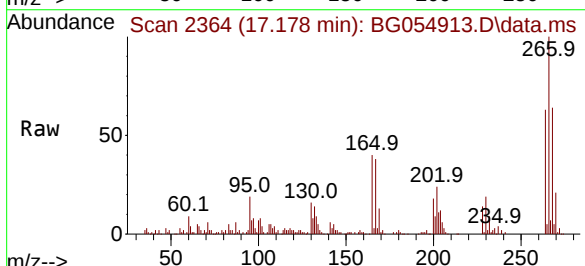
Tgt Ion:266 Resp: 116373

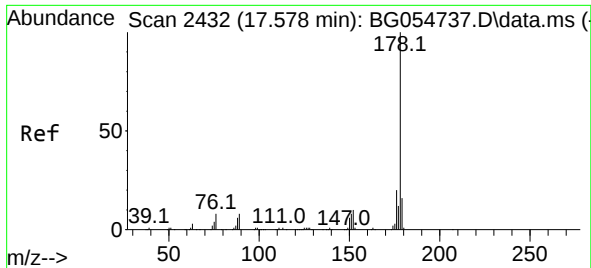
Ion Ratio Lower Upper

266 100

268 64.0 51.2 76.8

264 62.6 49.4 74.0

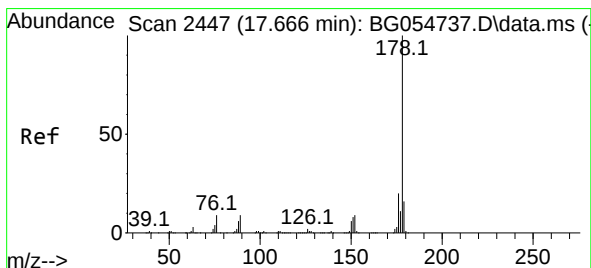
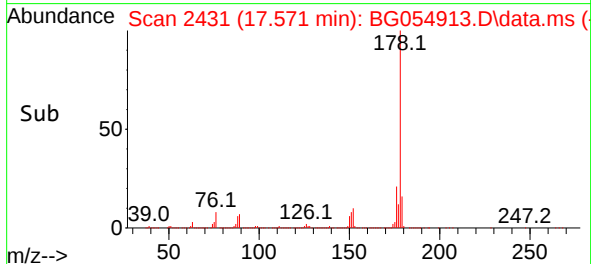
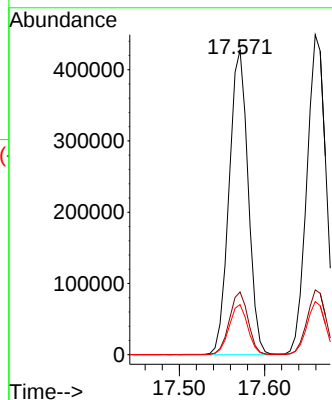
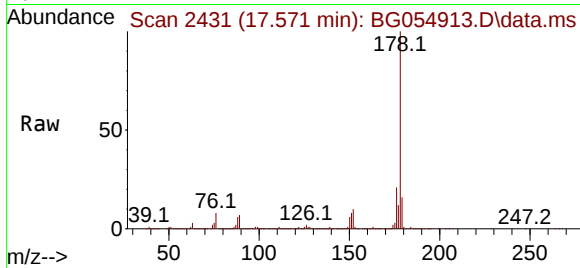




#71  
Phenanthrene  
Concen: 47.948 ng  
RT: 17.571 min Scan# 2432  
Delta R.T. 0.001 min  
Lab File: BG054913.D  
Acq: 12 Sep 2022 19:37

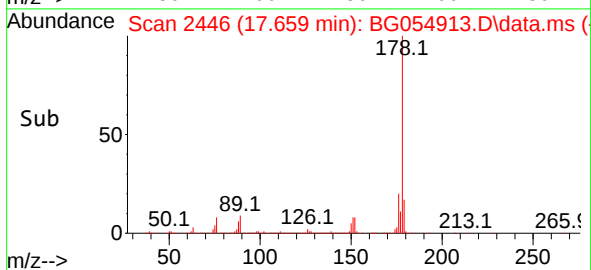
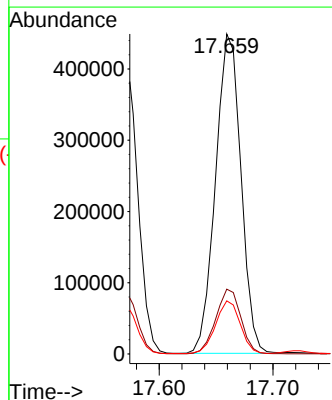
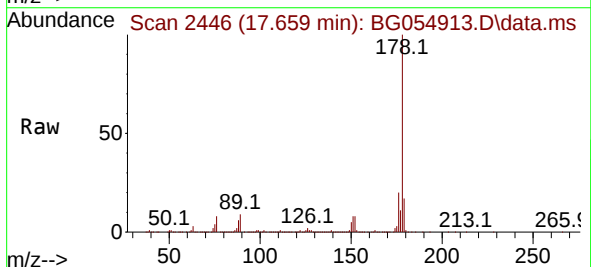
Instrument :  
BNA\_G  
ClientSampleId :  
PSC-124037MS

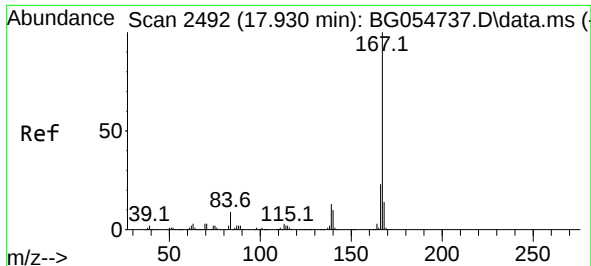
Tgt Ion:178 Resp: 661304  
Ion Ratio Lower Upper  
178 100  
176 20.6 16.6 25.0  
179 16.4 12.8 19.2



#72  
Anthracene  
Concen: 51.975 ng  
RT: 17.659 min Scan# 2446  
Delta R.T. -0.005 min  
Lab File: BG054913.D  
Acq: 12 Sep 2022 19:37

Tgt Ion:178 Resp: 696943  
Ion Ratio Lower Upper  
178 100  
176 20.3 16.2 24.4  
179 16.6 12.9 19.3

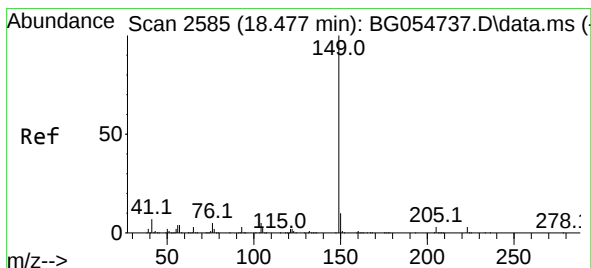
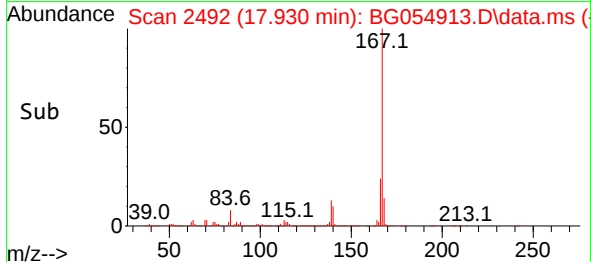
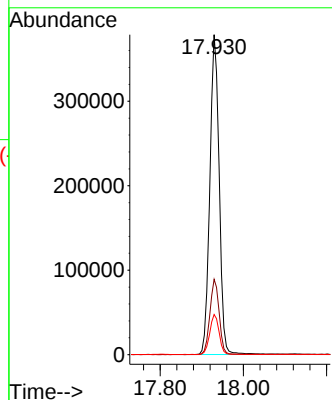
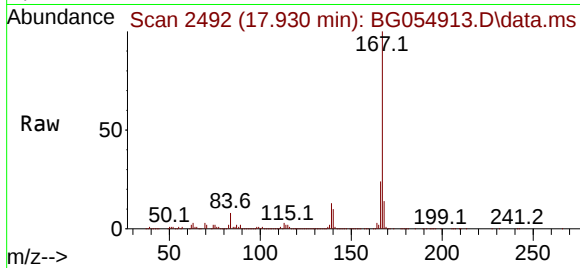




#73  
 Carbazole  
 Concen: 47.867 ng  
 RT: 17.930 min Scan# 2492  
 Delta R.T. -0.005 min  
 Lab File: BG054913.D  
 Acq: 12 Sep 2022 19:37

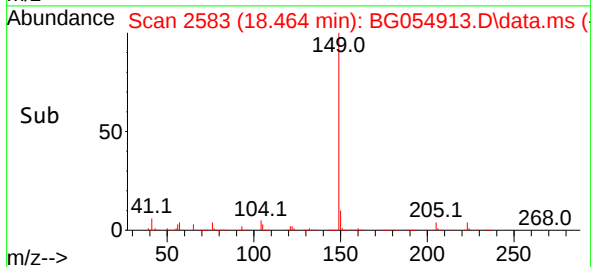
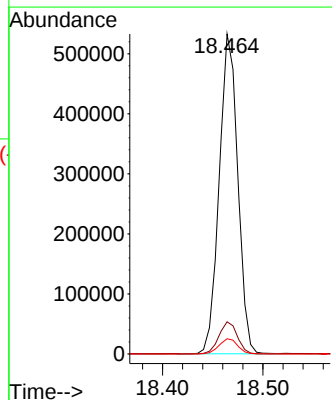
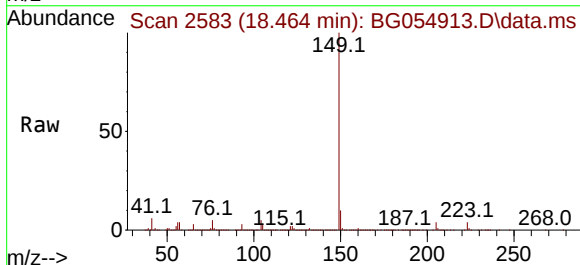
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PSC-124037MS

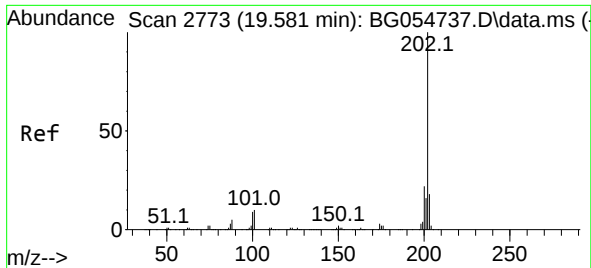
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 167   | Resp: | 591370 |
| Ion      | Ratio | Lower | Upper  |
| 167      | 100   |       |        |
| 166      | 23.6  | 18.8  | 28.2   |
| 139      | 12.6  | 10.2  | 15.4   |



#74  
 Di-n-butylphthalate  
 Concen: 43.671 ng  
 RT: 18.464 min Scan# 2583  
 Delta R.T. -0.005 min  
 Lab File: BG054913.D  
 Acq: 12 Sep 2022 19:37

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 682720 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 150      | 10.1  | 8.0   | 12.0   |
| 104      | 4.8   | 4.4   | 6.6    |

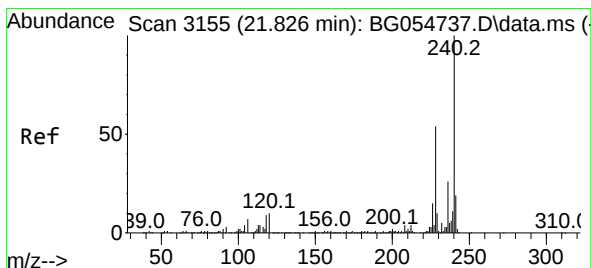
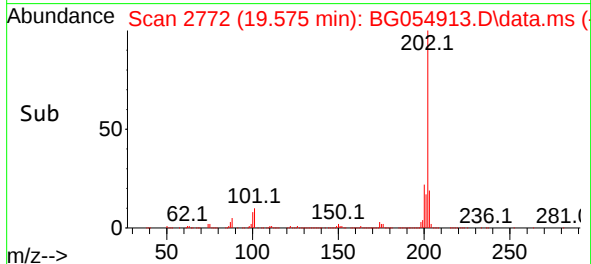
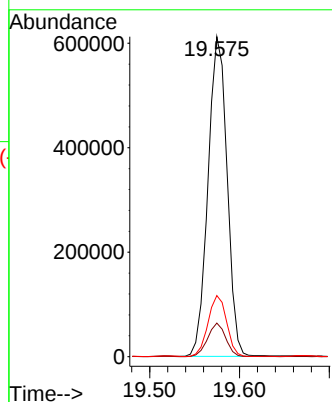
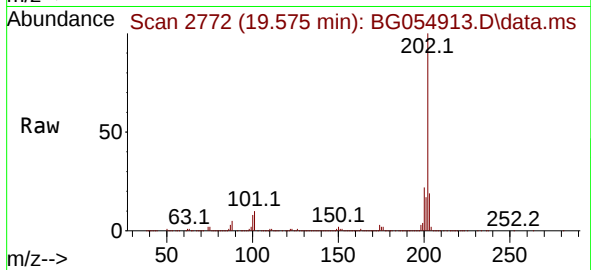




#75  
Fluoranthene  
Concen: 53.874 ng  
RT: 19.575 min Scan# 21  
Delta R.T. -0.005 min  
Lab File: BG054913.D  
Acq: 12 Sep 2022 19:37

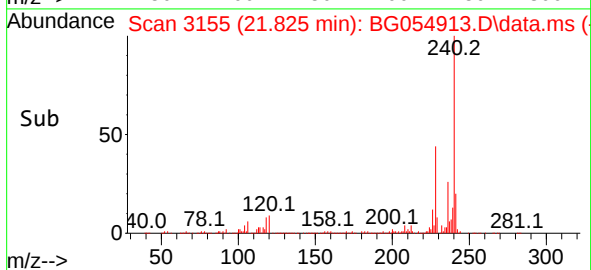
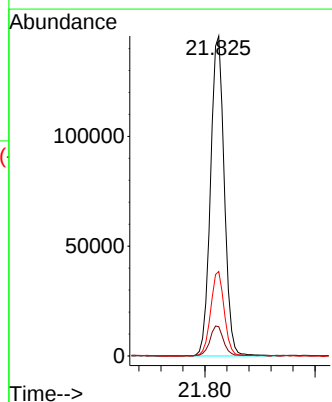
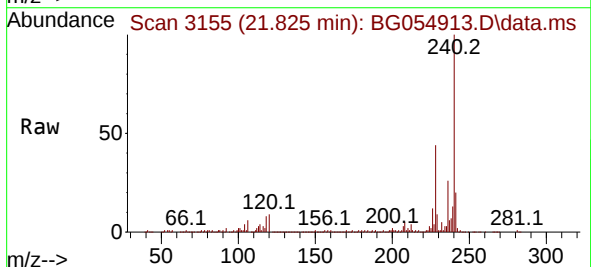
Instrument :  
BNA\_G  
ClientSampleId :  
PSC-124037MS

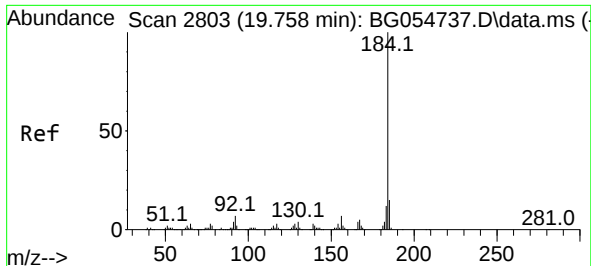
Tgt Ion:202 Resp: 903895  
Ion Ratio Lower Upper  
202 100  
101 10.5 0.0 31.4  
203 19.1 0.0 38.6



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.825 min Scan# 3155  
Delta R.T. 0.001 min  
Lab File: BG054913.D  
Acq: 12 Sep 2022 19:37

Tgt Ion:240 Resp: 252562  
Ion Ratio Lower Upper  
240 100  
120 9.2 8.2 12.4  
236 26.4 21.2 31.8

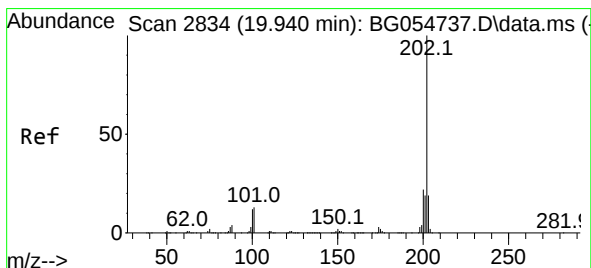
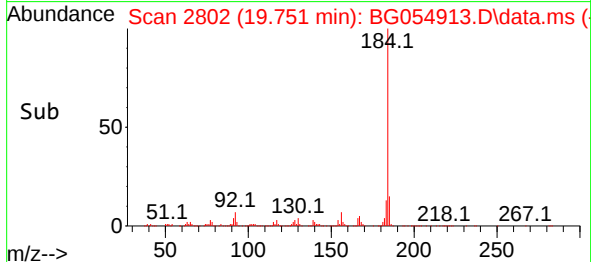
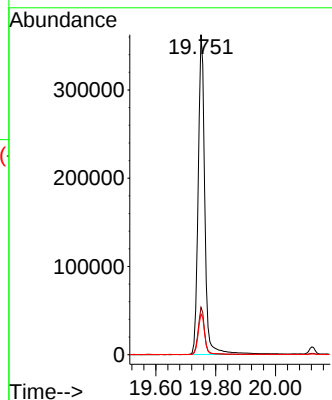
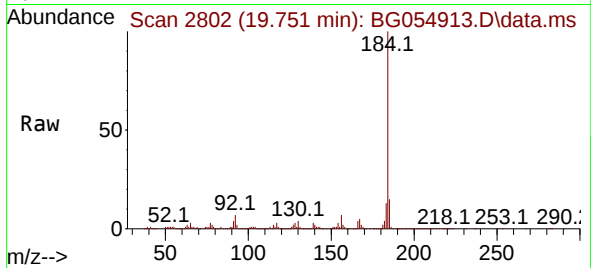




#77  
Benzidine  
Concen: 89.373 ng  
RT: 19.751 min Scan# 21  
Delta R.T. 0.001 min  
Lab File: BG054913.D  
Acq: 12 Sep 2022 19:37

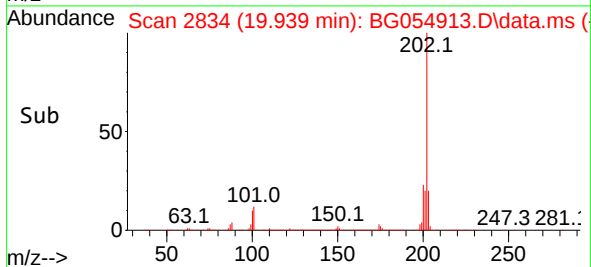
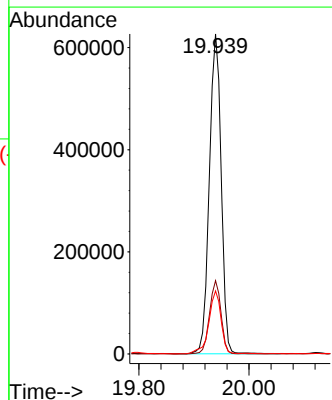
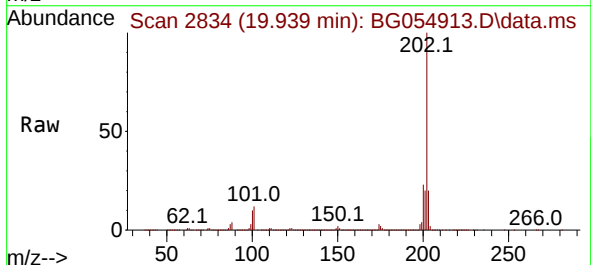
Instrument :  
BNA\_G  
ClientSampleId :  
PSC-124037MS

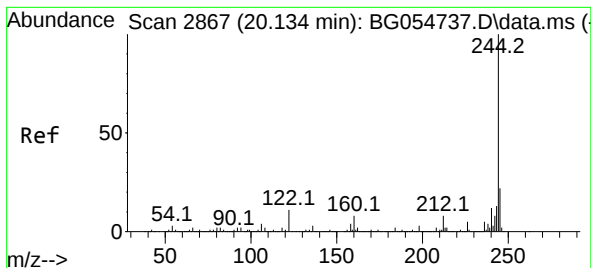
Tgt Ion:184 Resp: 559085  
Ion Ratio Lower Upper  
184 100  
185 14.8 11.4 17.0  
183 12.7 9.8 14.8



#78  
Pyrene  
Concen: 53.049 ng  
RT: 19.939 min Scan# 2834  
Delta R.T. 0.001 min  
Lab File: BG054913.D  
Acq: 12 Sep 2022 19:37

Tgt Ion:202 Resp: 934240  
Ion Ratio Lower Upper  
202 100  
200 22.9 17.8 26.6  
203 19.7 14.6 21.8





#79

Terphenyl-d14

Concen: 65.407 ng

RT: 20.121 min Scan# 2865

Delta R.T. -0.005 min

Lab File: BG054913.D

Acq: 12 Sep 2022 19:37

Instrument :

BNA\_G

ClientSampleId :

PSC-124037MS

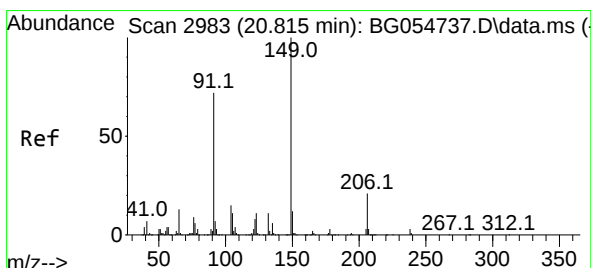
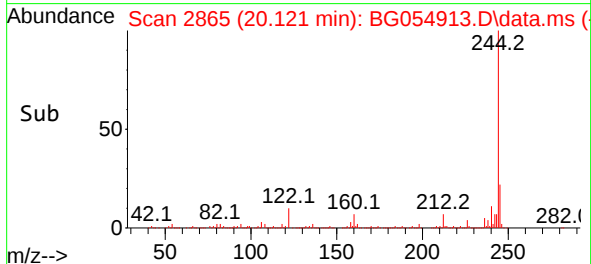
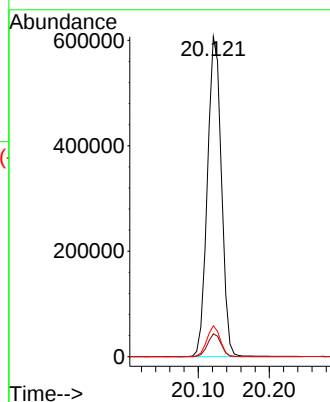
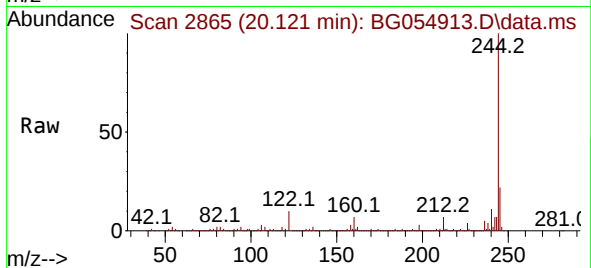
Tgt Ion:244 Resp: 833721

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

122 9.7 9.0 13.6



#80

Butylbenzylphthalate

Concen: 41.541 ng

RT: 20.803 min Scan# 2981

Delta R.T. -0.005 min

Lab File: BG054913.D

Acq: 12 Sep 2022 19:37

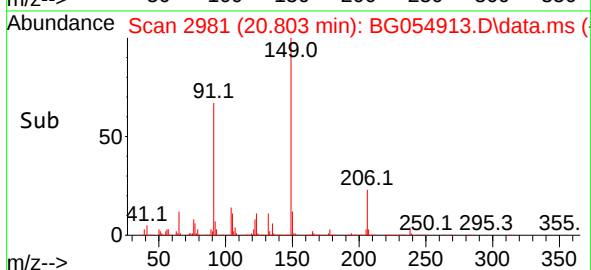
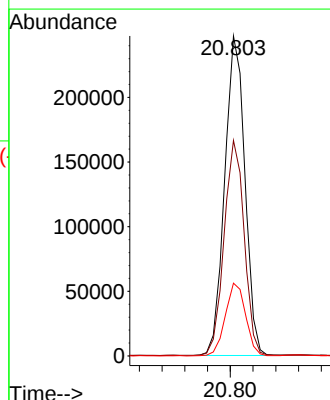
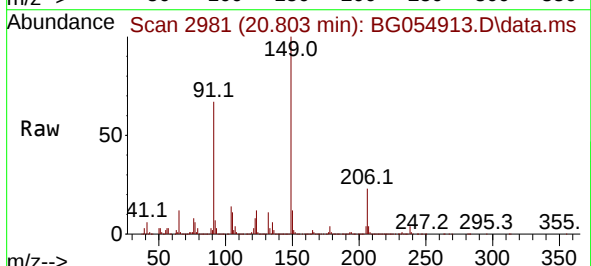
Tgt Ion:149 Resp: 305152

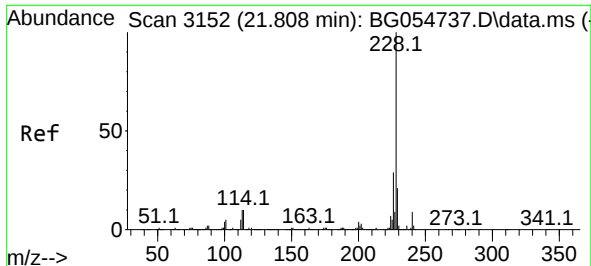
Ion Ratio Lower Upper

149 100

91 67.4 59.5 89.3

206 22.8 16.6 25.0

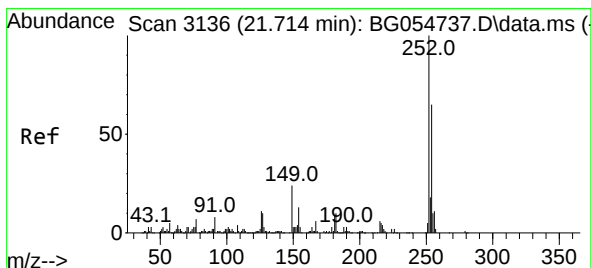
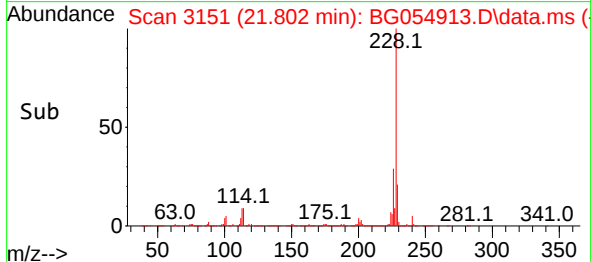
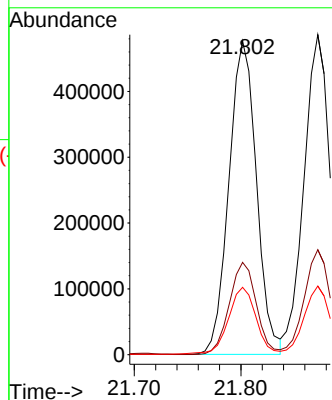
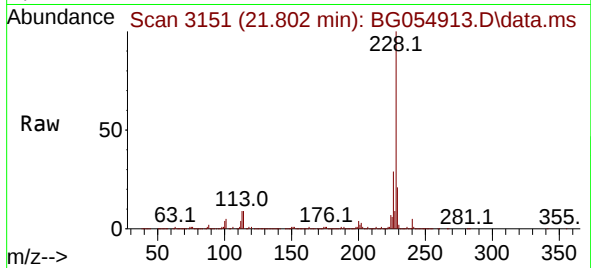




#81  
Benzo(a)anthracene  
Concen: 49.950 ng  
RT: 21.802 min Scan# 3152  
Delta R.T. -0.005 min  
Lab File: BG054913.D  
Acq: 12 Sep 2022 19:37

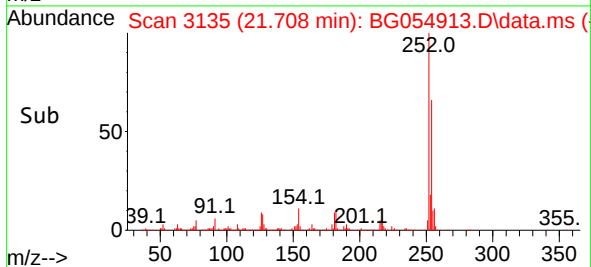
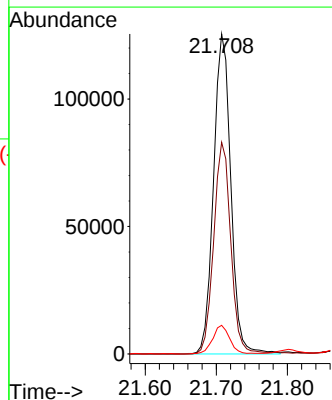
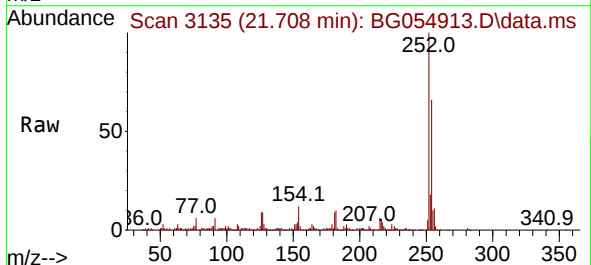
Instrument :  
BNA\_G  
ClientSampleId :  
PSC-124037MS

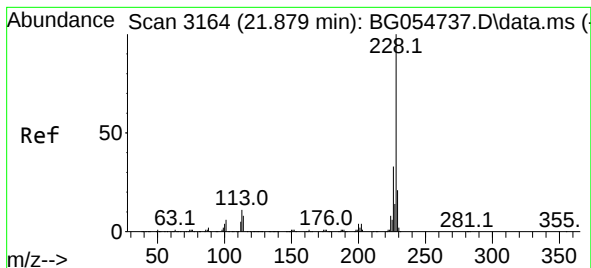
Tgt Ion:228 Resp: 855369  
Ion Ratio Lower Upper  
228 100  
226 29.4 23.4 35.2  
229 21.5 16.5 24.7



#82  
3,3'-Dichlorobenzidine  
Concen: 35.202 ng  
RT: 21.708 min Scan# 3135  
Delta R.T. -0.005 min  
Lab File: BG054913.D  
Acq: 12 Sep 2022 19:37

Tgt Ion:252 Resp: 211349  
Ion Ratio Lower Upper  
252 100  
254 66.2 51.4 77.2  
126 8.9 8.2 12.2





#83

Chrysene

Concen: 50.575 ng

RT: 21.872 min Scan# 3164

Delta R.T. 0.001 min

Lab File: BG054913.D

Acq: 12 Sep 2022 19:37

Instrument :

BNA\_G

ClientSampleId :

PSC-124037MS

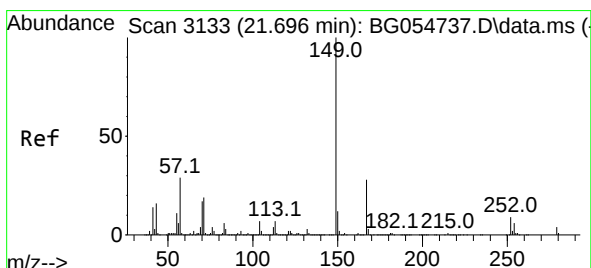
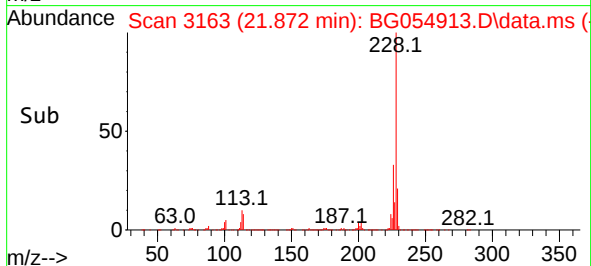
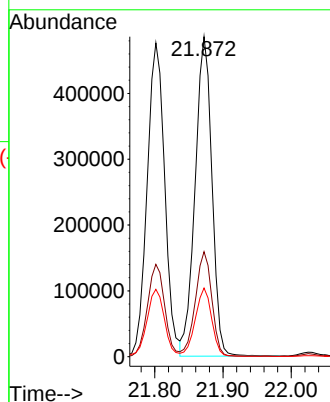
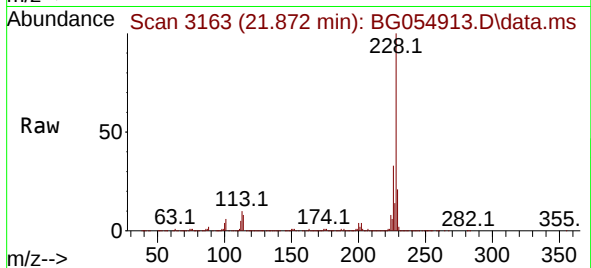
Tgt Ion:228 Resp: 828085

Ion Ratio Lower Upper

228 100

226 32.8 25.5 38.3

229 21.4 16.8 25.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.318 ng

RT: 21.672 min Scan# 3129

Delta R.T. -0.005 min

Lab File: BG054913.D

Acq: 12 Sep 2022 19:37

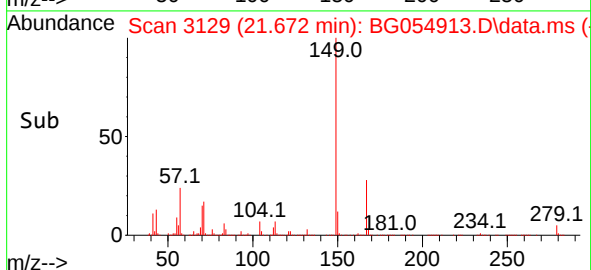
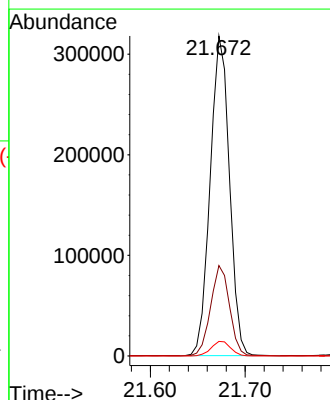
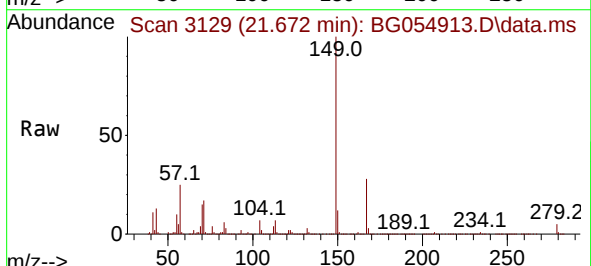
Tgt Ion:149 Resp: 447875

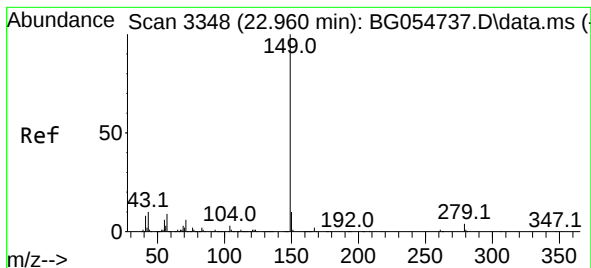
Ion Ratio Lower Upper

149 100

167 28.2 21.4 32.0

279 4.5 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 42.268 ng

RT: 22.930 min Scan# 31

Delta R.T. -0.005 min

Lab File: BG054913.D

Acq: 12 Sep 2022 19:37

Instrument :

BNA\_G

ClientSampleId :

PSC-124037MS

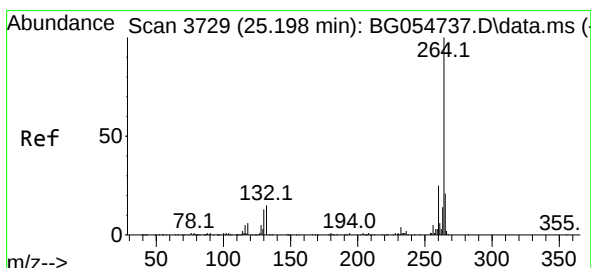
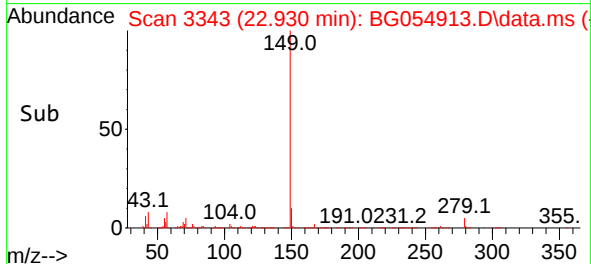
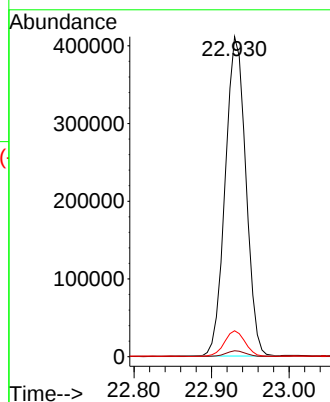
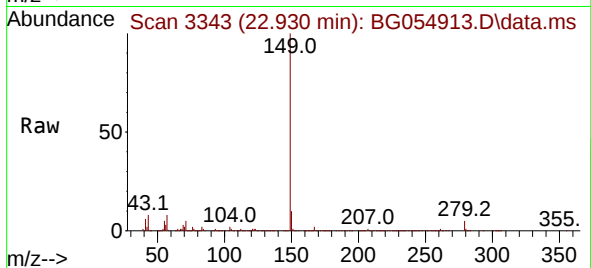
Tgt Ion:149 Resp: 758625

Ion Ratio Lower Upper

149 100

167 1.9 1.2 1.8#

43 7.9 9.0 13.6#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.198 min Scan# 3729

Delta R.T. -0.005 min

Lab File: BG054913.D

Acq: 12 Sep 2022 19:37

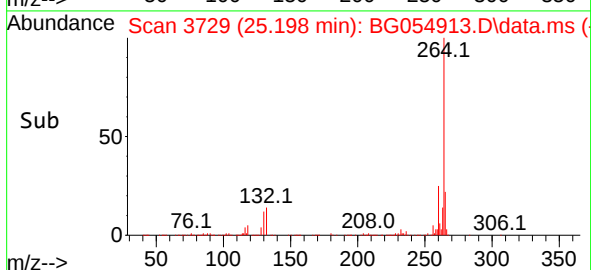
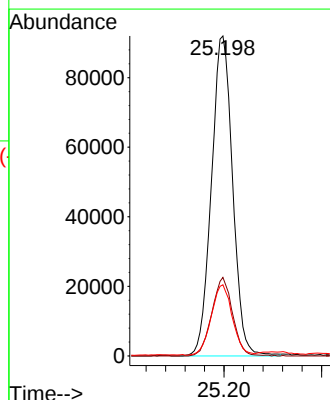
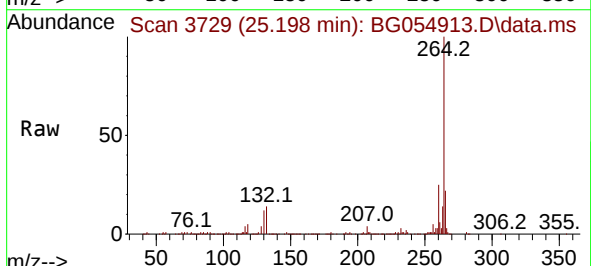
Tgt Ion:264 Resp: 277886

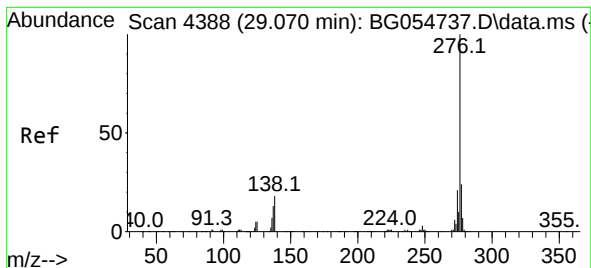
Ion Ratio Lower Upper

264 100

260 24.5 19.9 29.9

265 22.3 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.904 ng

RT: 29.105 min Scan# 41

Delta R.T. -0.005 min

Lab File: BG054913.D

Acq: 12 Sep 2022 19:37

Instrument :

BNA\_G

ClientSampleId :

PSC-124037MS

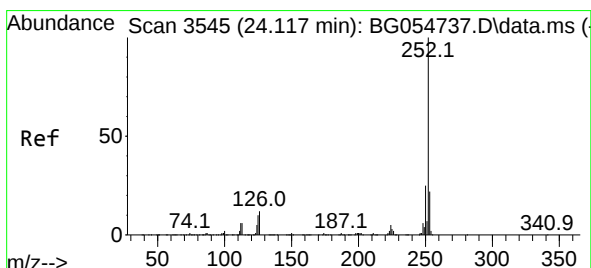
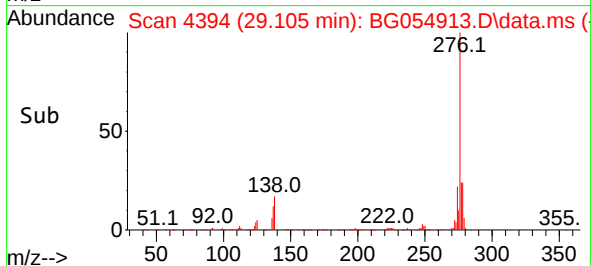
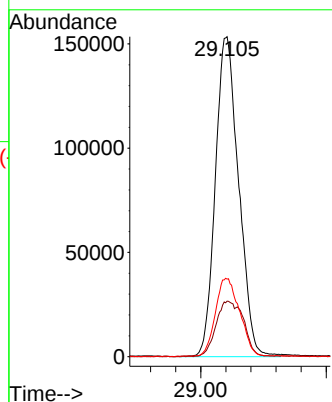
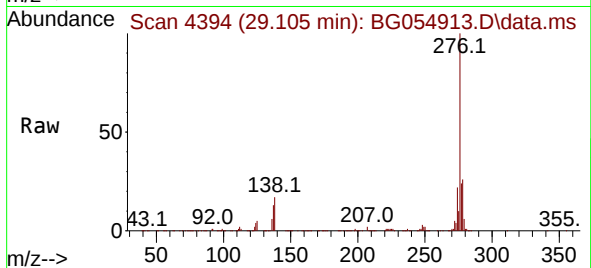
Tgt Ion:276 Resp: 989506

Ion Ratio Lower Upper

276 100

138 20.6 12.0 18.0#

277 25.3 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 53.730 ng

RT: 24.122 min Scan# 3546

Delta R.T. 0.001 min

Lab File: BG054913.D

Acq: 12 Sep 2022 19:37

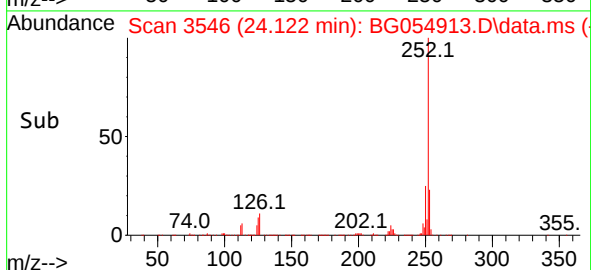
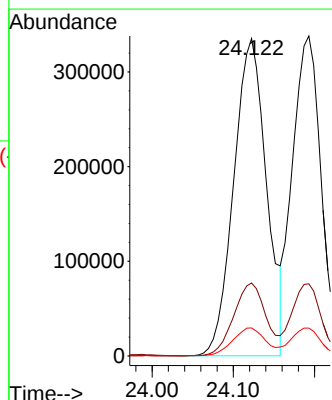
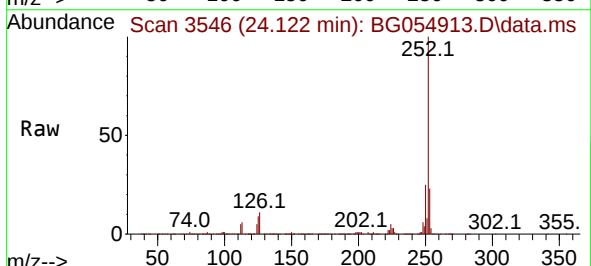
Tgt Ion:252 Resp: 936633

Ion Ratio Lower Upper

252 100

253 23.0 18.0 27.0

125 8.8 8.1 12.1

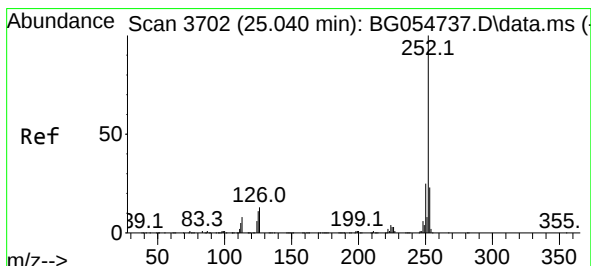
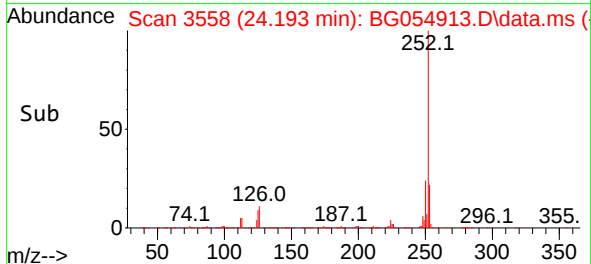
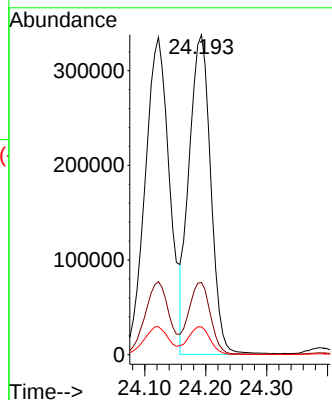
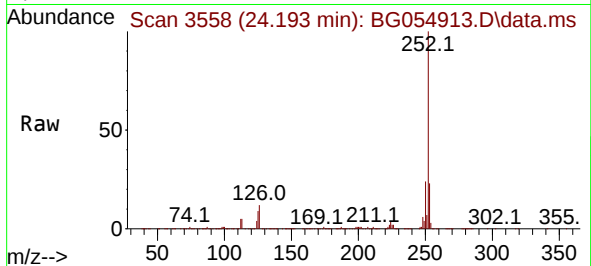




#89  
Benzo(k)fluoranthene  
Concen: 47.428 ng  
RT: 24.193 min Scan# 31  
Delta R.T. 0.001 min  
Lab File: BG054913.D  
Acq: 12 Sep 2022 19:37

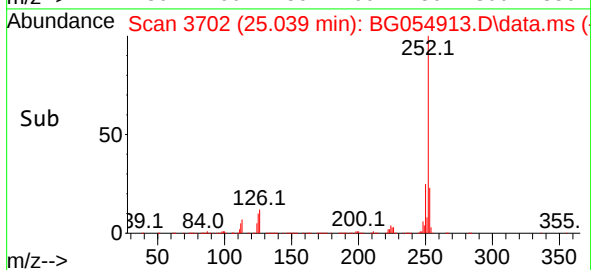
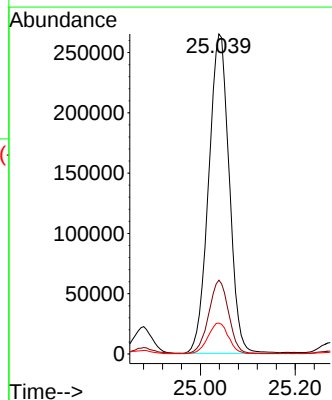
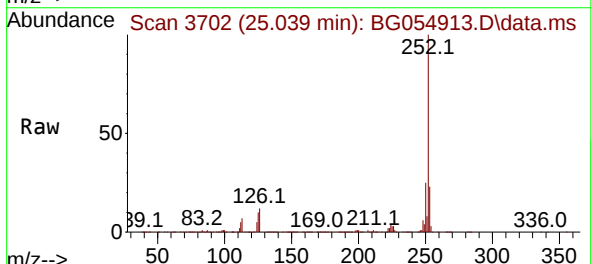
Instrument :  
BNA\_G  
ClientSampleId :  
PSC-124037MS

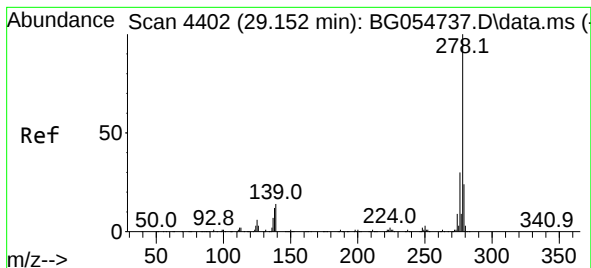
Tgt Ion:252 Resp: 832059  
Ion Ratio Lower Upper  
252 100  
253 22.6 17.8 26.8  
125 8.7 8.2 12.4



#90  
Benzo(a)pyrene  
Concen: 53.461 ng  
RT: 25.039 min Scan# 3702  
Delta R.T. -0.011 min  
Lab File: BG054913.D  
Acq: 12 Sep 2022 19:37

Tgt Ion:252 Resp: 796215  
Ion Ratio Lower Upper  
252 100  
253 23.0 18.3 27.5  
125 9.6 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 47.384 ng

RT: 29.158 min Scan# 4402

Delta R.T. -0.011 min

Lab File: BG054913.D

Acq: 12 Sep 2022 19:37

Instrument :

BNA\_G

ClientSampleId :

PSC-124037MS

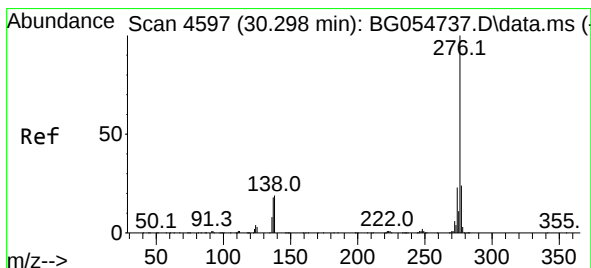
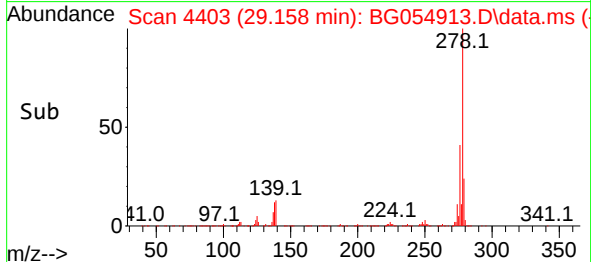
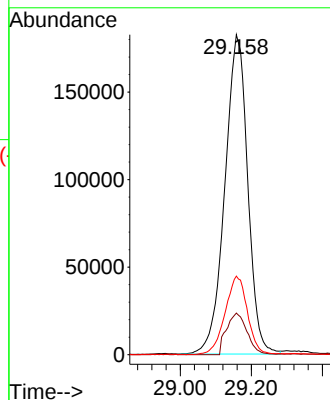
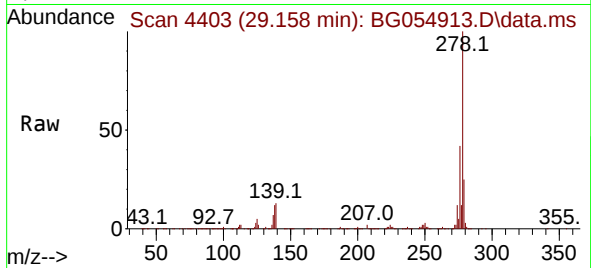
Tgt Ion:278 Resp: 814390

Ion Ratio Lower Upper

278 100

139 13.0 11.4 17.2

279 24.5 19.3 28.9



#92

Benzo(g,h,i)perylene

Concen: 48.930 ng

RT: 30.321 min Scan# 4601

Delta R.T. -0.005 min

Lab File: BG054913.D

Acq: 12 Sep 2022 19:37

Tgt Ion:276 Resp: 849573

Ion Ratio Lower Upper

276 100

277 23.7 19.4 29.0

138 16.8 16.6 25.0

