

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091322\  
 Data File : BG054928.D  
 Acq On : 13 Sep 2022 19:02  
 Operator : CG/JU  
 Sample : N4578-11MSD  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 CHERRY-HILL-COMP-3MSD

Quant Time: Sep 14 03:21:28 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     | 8.137  | 152  | 35467    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.963 | 136  | 146339   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.776 | 164  | 103678   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.520 | 188  | 240290   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.815 | 240  | 229549   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 25.188 | 264  | 244350   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.681  | 112  | 270874   | 132.994 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.297  | 99   | 365812   | 131.331 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.312  | 82   | 204716   | 73.438  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.263 | 330  | 189434   | 146.222 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.396 | 172  | 517152   | 74.971  | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.117 | 244  | 815414   | 70.384  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.507  | 88   | 38926    | 40.024  | ng    | 92       |
| 3) Pyridine                   | 3.919  | 79   | 102467   | 37.773  | ng    | 88       |
| 4) n-Nitrosodimethylamine     | 3.836  | 42   | 44596    | 38.030  | ng    | 83       |
| 6) Aniline                    | 7.456  | 93   | 131159   | 39.632  | ng    | 95       |
| 8) 2-Chlorophenol             | 7.702  | 128  | 120905   | 54.333  | ng    | 95       |
| 9) Benzaldehyde               | 7.268  | 77   | 73694    | 40.367  | ng    | 95       |
| 10) Phenol                    | 7.326  | 94   | 147124   | 51.361  | ng    | 95       |
| 11) bis(2-Chloroethyl)ether   | 7.544  | 93   | 105550   | 45.816  | ng    | 93       |
| 12) 1,3-Dichlorobenzene       | 8.026  | 146  | 126711   | 49.205  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 8.172  | 146  | 128876   | 49.615  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 8.496  | 146  | 125014   | 50.757  | ng    | 98       |
| 15) Benzyl Alcohol            | 8.378  | 79   | 101030   | 50.207  | ng    | 94       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.660  | 45   | 134697   | 37.366  | ng    | 95       |
| 17) 2-Methylphenol            | 8.584  | 107  | 103469   | 52.463  | ng    | 98       |
| 18) Hexachloroethane          | 9.224  | 117  | 44631    | 47.384  | ng    | 94       |
| 19) n-Nitroso-di-n-propyla... | 8.942  | 70   | 83433    | 43.558  | ng    | # 91     |
| 20) 3+4-Methylphenols         | 8.913  | 107  | 141069   | 51.582  | ng    | 95       |
| 22) Acetophenone              | 8.966  | 105  | 171177   | 46.755  | ng    | # 94     |
| 24) Nitrobenzene              | 9.353  | 77   | 121151   | 43.119  | ng    | 93       |
| 25) Isophorone                | 9.876  | 82   | 243248   | 46.799  | ng    | 98       |
| 26) 2-Nitrophenol             | 10.070 | 139  | 69949    | 56.359  | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 10.123 | 122  | 116340   | 59.162  | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 10.352 | 93   | 148052   | 49.988  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.611 | 162  | 123359   | 55.153  | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 10.822 | 180  | 121940   | 47.707  | ng    | 95       |
| 31) Naphthalene               | 11.016 | 128  | 361425   | 46.033  | ng    | 100      |
| 32) Benzoic acid              | 10.123 | 122  | 116340   | 77.199  | ng    | # 14     |
| 33) 4-Chloroaniline           | 11.122 | 127  | 113889   | 35.580  | ng    | 96       |
| 34) Hexachlorobutadiene       | 11.281 | 225  | 81454    | 49.738  | ng    | 98       |
| 35) Caprolactam               | 11.915 | 113  | 18637    | 23.618  | ng    | # 75     |
| 36) 4-Chloro-3-methylphenol   | 12.244 | 107  | 128682   | 52.611  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 12.608 | 142  | 263456   | 47.875  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.832 | 142  | 251209   | 46.920  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.973 | 216  | 153795   | 49.210  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.943 | 237  | 96241    | 58.066  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 13.214 | 196  | 105495   | 50.855  | ng    | 99       |

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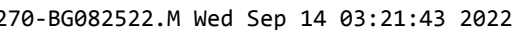
Instrument :  
 BNA\_G  
 ClientSampleId :  
 CHERRY-HILL-COMP-3MSD

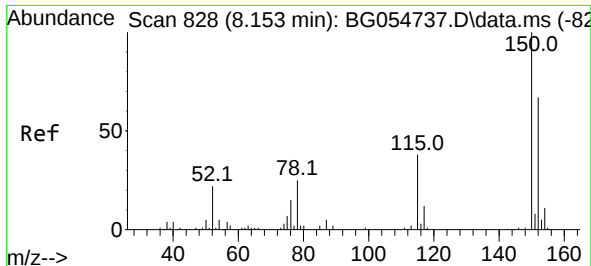
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Sep 10 01:53:42 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.296 | 196  | 114328   | 49.075 | ng    | 97       |
| 46) 1,1'-Biphenyl             | 13.607 | 154  | 363518   | 47.215 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 13.660 | 162  | 269708   | 46.126 | ng    | 98       |
| 48) 2-Nitroaniline            | 13.860 | 65   | 80276    | 43.807 | ng    | 89       |
| 49) Acenaphthylene            | 14.500 | 152  | 448871   | 46.520 | ng    | 99       |
| 50) Dimethylphthalate         | 14.218 | 163  | 368062   | 46.080 | ng    | 98       |
| 51) 2,6-Dinitrotoluene        | 14.348 | 165  | 80309    | 49.156 | ng    | 85       |
| 52) Acenaphthene              | 14.841 | 154  | 268280   | 43.285 | ng    | 97       |
| 53) 3-Nitroaniline            | 14.682 | 138  | 66041    | 36.110 | ng    | 88       |
| 54) 2,4-Dinitrophenol         | 14.900 | 184  | 62605    | 68.913 | ng    | 97       |
| 55) Dibenzofuran              | 15.170 | 168  | 431248   | 47.351 | ng    | 99       |
| 56) 4-Nitrophenol             | 15.000 | 139  | 123850   | 87.507 | ng    | 89       |
| 57) 2,4-Dinitrotoluene        | 15.135 | 165  | 115134   | 50.949 | ng    | # 83     |
| 58) Fluorene                  | 15.822 | 166  | 362229   | 47.212 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.399 | 232  | 98292    | 46.805 | ng    | 97       |
| 60) Diethylphthalate          | 15.576 | 149  | 362150   | 45.405 | ng    | 97       |
| 61) 4-Chlorophenyl-phenyle... | 15.805 | 204  | 189207   | 49.990 | ng    | 96       |
| 62) 4-Nitroaniline            | 15.846 | 138  | 88377    | 47.330 | ng    | 95       |
| 63) Azobenzene                | 16.098 | 77   | 311134   | 41.046 | ng    | 93       |
| 65) 4,6-Dinitro-2-methylph... | 15.905 | 198  | 61123    | 49.972 | ng    | 93       |
| 66) n-Nitrosodiphenylamine    | 16.022 | 169  | 327207   | 47.219 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.698 | 248  | 134222   | 50.877 | ng    | 97       |
| 68) Hexachlorobenzene         | 16.821 | 284  | 151359   | 51.035 | ng    | 96       |
| 69) Atrazine                  | 16.962 | 200  | 129321   | 52.899 | ng    | 98       |
| 70) Pentachlorophenol         | 17.174 | 266  | 106010   | 65.787 | ng    | 98       |
| 71) Phenanthrene              | 17.567 | 178  | 586800   | 45.842 | ng    | 99       |
| 72) Anthracene                | 17.655 | 178  | 599095   | 48.139 | ng    | 99       |
| 73) Carbazole                 | 17.926 | 167  | 549961   | 47.964 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.460 | 149  | 651481   | 44.901 | ng    | 99       |
| 75) Fluoranthene              | 19.571 | 202  | 710692   | 45.640 | ng    | 98       |
| 77) Benzidine                 | 19.747 | 184  | 436249   | 76.728 | ng    | 99       |
| 78) Pyrene                    | 19.935 | 202  | 720026   | 44.984 | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.799 | 149  | 287255   | 43.025 | ng    | 94       |
| 81) Benzo(a)anthracene        | 21.798 | 228  | 707980   | 45.488 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.704 | 252  | 161955   | 29.679 | ng    | 99       |
| 83) Chrysene                  | 21.868 | 228  | 659327   | 44.305 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.668 | 149  | 419645   | 43.626 | ng    | 98       |
| 85) Di-n-octyl phthalate      | 22.926 | 149  | 709677   | 43.505 | ng    | # 92     |
| 87) Indeno(1,2,3-cd)pyrene    | 29.089 | 276  | 857116   | 46.205 | ng    | # 94     |
| 88) Benzo(b)fluoranthene      | 24.113 | 252  | 748422   | 48.826 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 24.183 | 252  | 719114   | 46.616 | ng    | 98       |
| 90) Benzo(a)pyrene            | 25.035 | 252  | 662820   | 50.613 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 29.154 | 278  | 738072   | 48.838 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 30.311 | 276  | 731415   | 47.907 | ng    | 96       |

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

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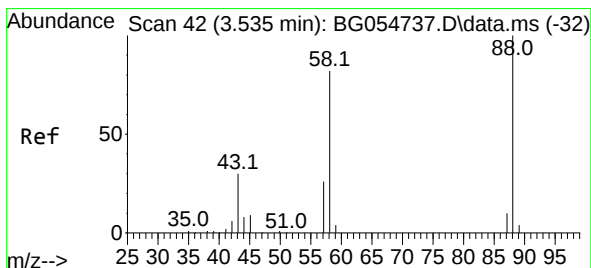
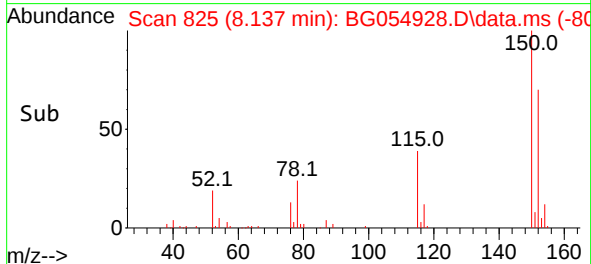
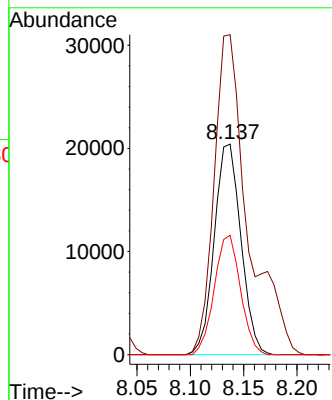
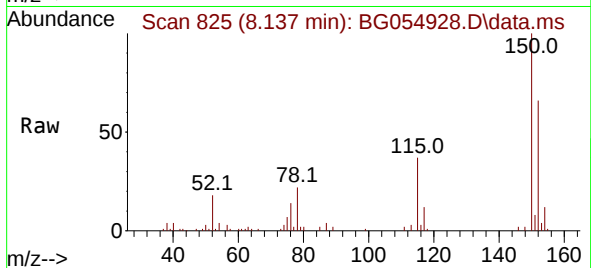




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.137 min Scan# 81  
Delta R.T. -0.009 min  
Lab File: BG054928.D  
Acq: 13 Sep 2022 19:02

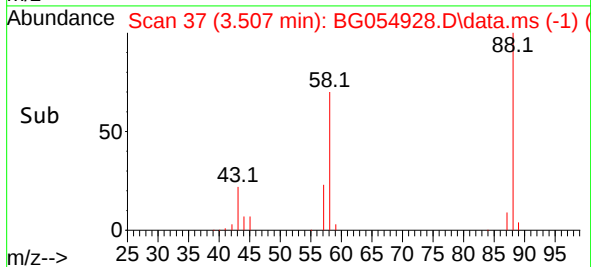
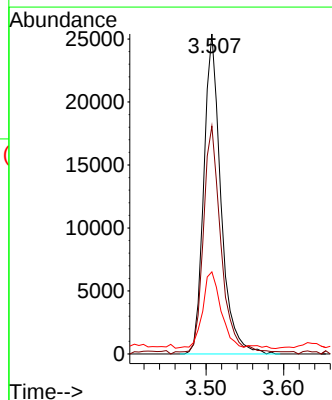
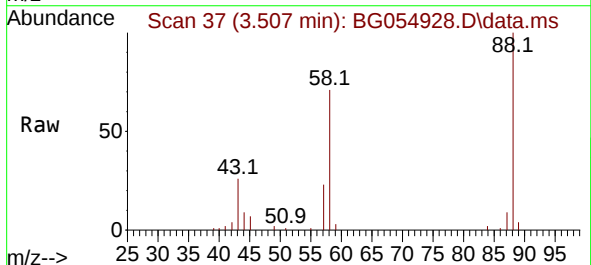
Instrument :  
BNA\_G  
ClientSampleId :  
CHERRY-HILL-COMP-3MSD

Tgt Ion:152 Resp: 35467  
Ion Ratio Lower Upper  
152 100  
150 152.0 125.2 187.8  
115 56.7 47.9 71.9



#2  
1,4-Dioxane  
Concen: 40.024 ng  
RT: 3.507 min Scan# 37  
Delta R.T. -0.015 min  
Lab File: BG054928.D  
Acq: 13 Sep 2022 19:02

Tgt Ion: 88 Resp: 38926  
Ion Ratio Lower Upper  
88 100  
58 75.2 65.9 98.9  
43 24.8 22.7 34.1

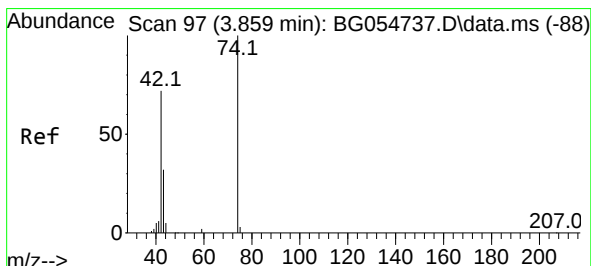
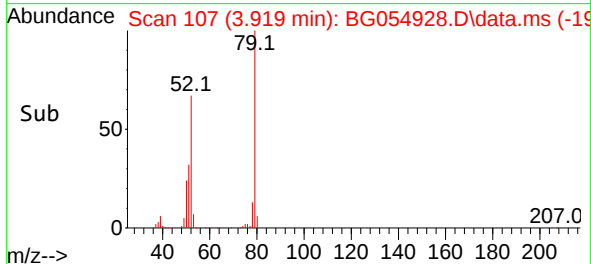
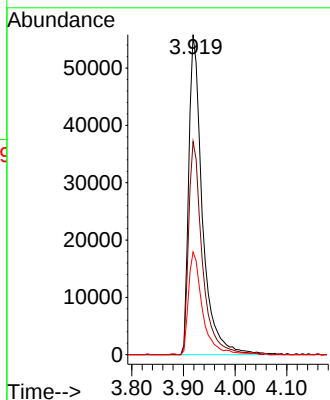
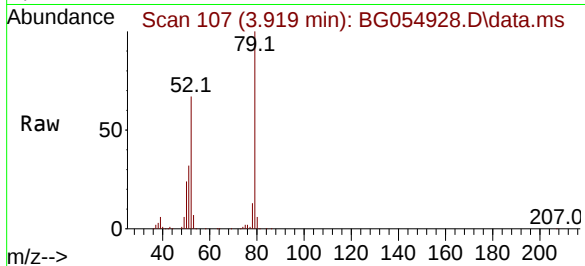




#3  
Pyridine  
Concen: 37.773 ng  
RT: 3.919 min Scan# 10  
Delta R.T. -0.015 min  
Lab File: BG054928.D  
Acq: 13 Sep 2022 19:02

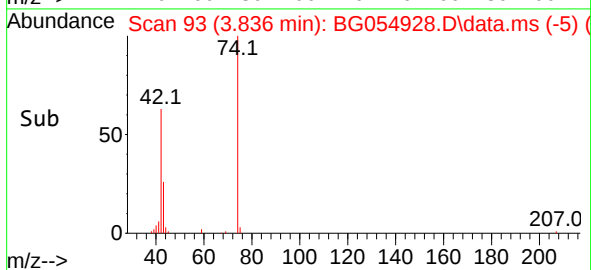
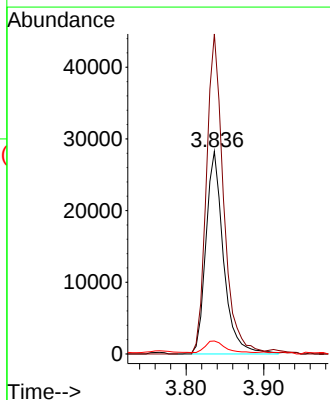
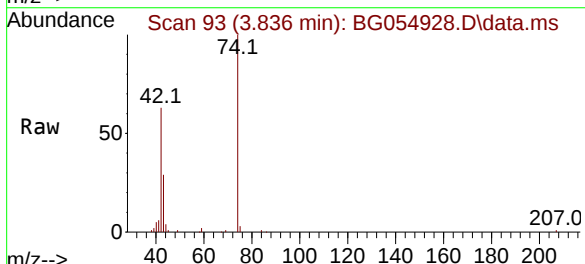
Instrument :  
BNA\_G  
ClientSampleId :  
CHERRY-HILL-COMP-3MSD

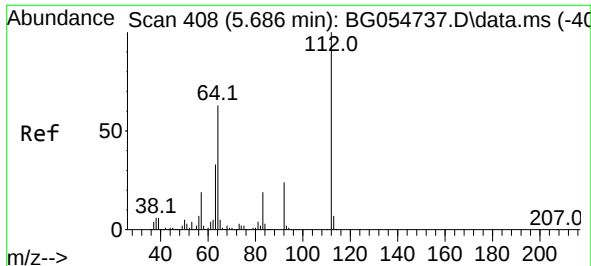
Tgt Ion: 79 Resp: 102467  
Ion Ratio Lower Upper  
79 100  
52 66.6 61.4 92.0  
51 32.1 31.4 47.0



#4  
n-Nitrosodimethylamine  
Concen: 38.030 ng  
RT: 3.836 min Scan# 93  
Delta R.T. -0.015 min  
Lab File: BG054928.D  
Acq: 13 Sep 2022 19:02

Tgt Ion: 42 Resp: 44596  
Ion Ratio Lower Upper  
42 100  
74 158.0 109.6 164.4  
44 6.4 5.5 8.3

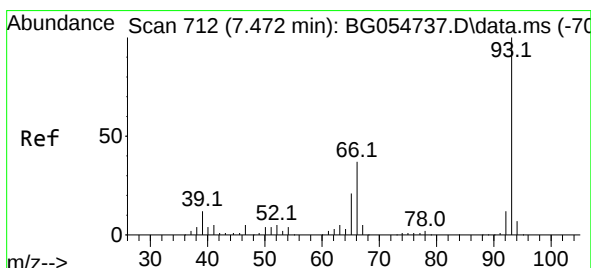
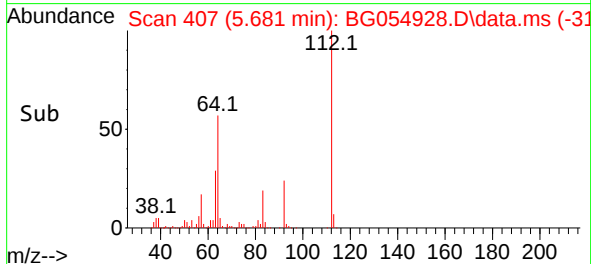
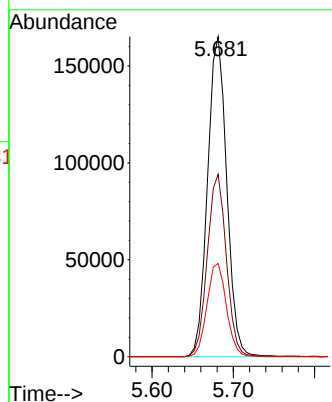
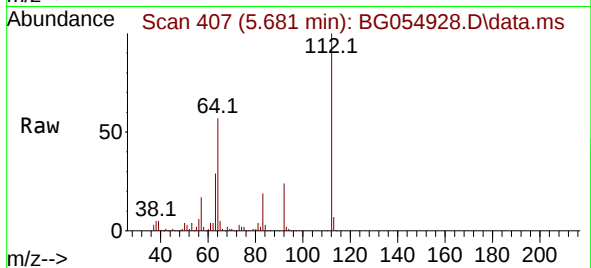




#5  
2-Fluorophenol  
Concen: 132.994 ng  
RT: 5.681 min Scan# 408  
Delta R.T. -0.003 min  
Lab File: BG054928.D  
Acq: 13 Sep 2022 19:02

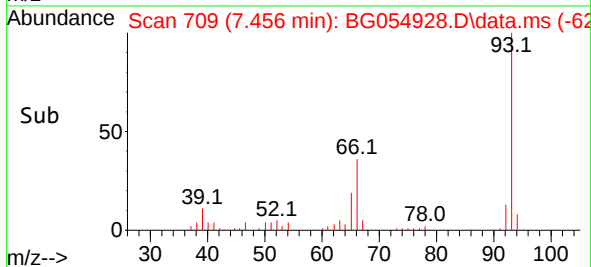
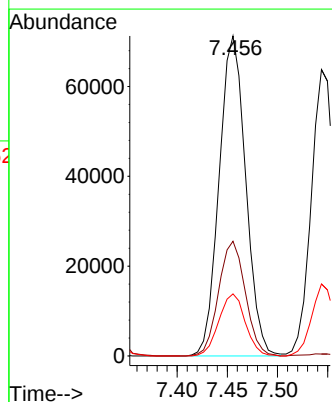
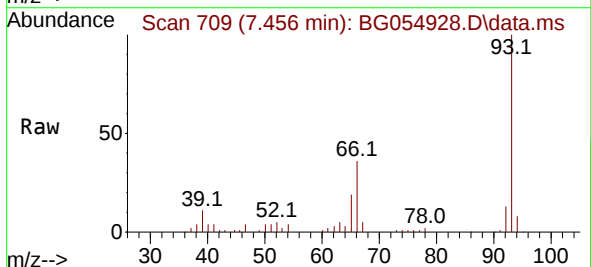
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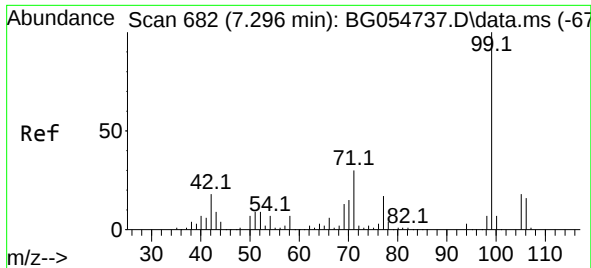
Tgt Ion:112 Resp: 270874  
Ion Ratio Lower Upper  
112 100  
64 57.0 49.3 73.9  
63 29.2 26.3 39.5



#6  
Aniline  
Concen: 39.632 ng  
RT: 7.456 min Scan# 709  
Delta R.T. -0.009 min  
Lab File: BG054928.D  
Acq: 13 Sep 2022 19:02

Tgt Ion: 93 Resp: 131159  
Ion Ratio Lower Upper  
93 100  
66 35.9 31.8 47.8  
65 19.4 16.6 25.0

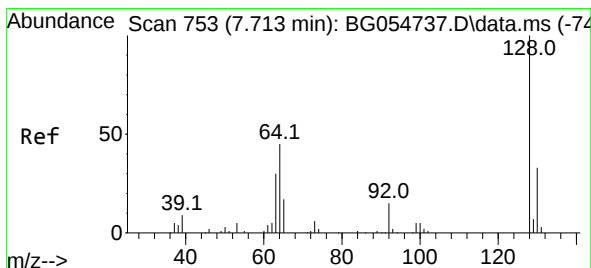
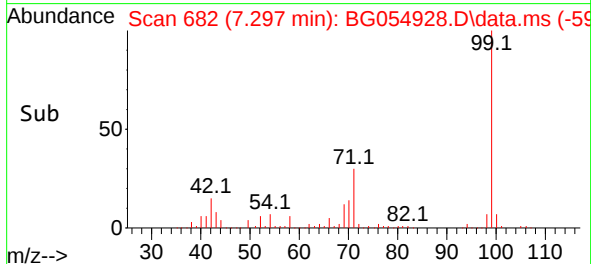
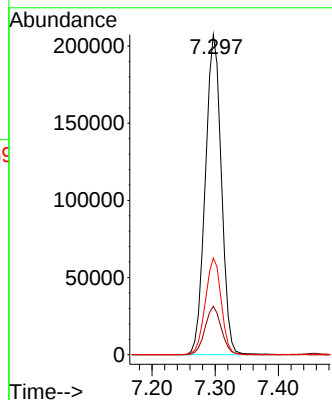
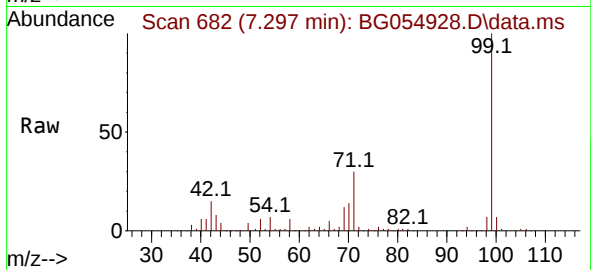




#7  
Phenol-d6  
Concen: 131.331 ng  
RT: 7.297 min Scan# 61  
Delta R.T. -0.003 min  
Lab File: BG054928.D  
Acq: 13 Sep 2022 19:02

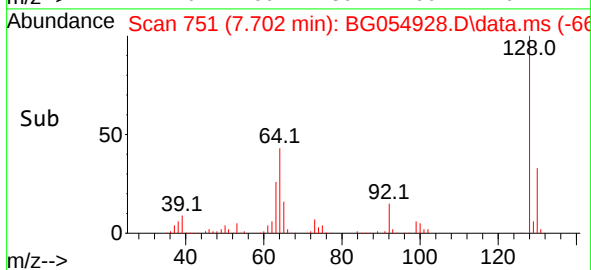
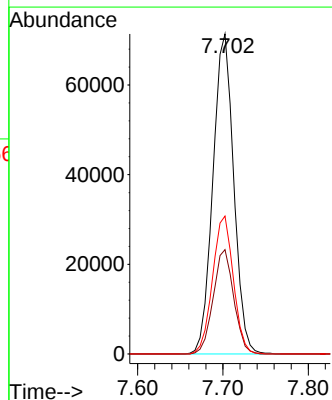
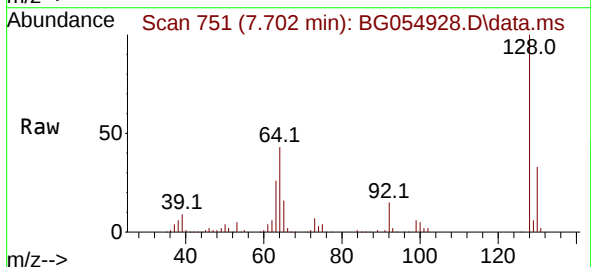
Instrument :  
BNA\_G  
ClientSampleId :  
CHERRY-HILL-COMP-3MSD

Tgt Ion: 99 Resp: 365812  
Ion Ratio Lower Upper  
99 100  
42 15.2 14.6 22.0  
71 30.2 24.6 37.0



#8  
2-Chlorophenol  
Concen: 54.333 ng  
RT: 7.702 min Scan# 751  
Delta R.T. -0.003 min  
Lab File: BG054928.D  
Acq: 13 Sep 2022 19:02

Tgt Ion:128 Resp: 120905  
Ion Ratio Lower Upper  
128 100  
130 32.6 12.5 52.5  
64 43.1 28.6 68.6

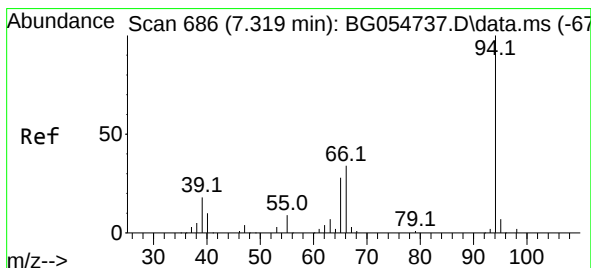
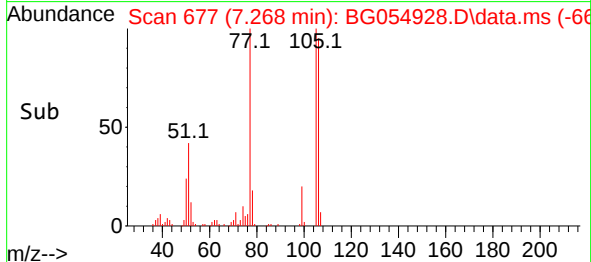
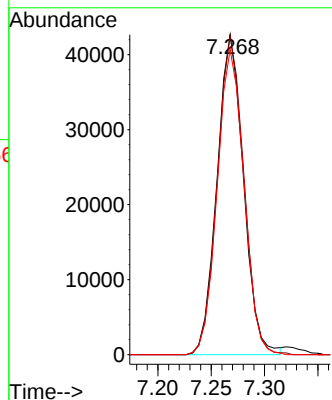
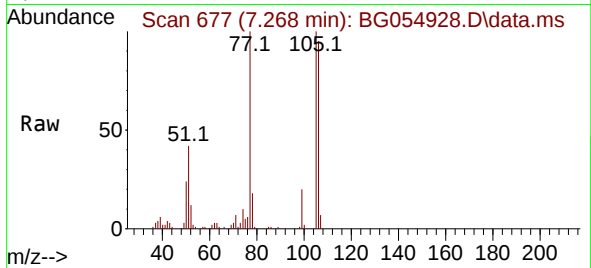




#9  
Benzaldehyde  
Concen: 40.367 ng  
RT: 7.268 min Scan# 61  
Delta R.T. -0.009 min  
Lab File: BG054928.D  
Acq: 13 Sep 2022 19:02

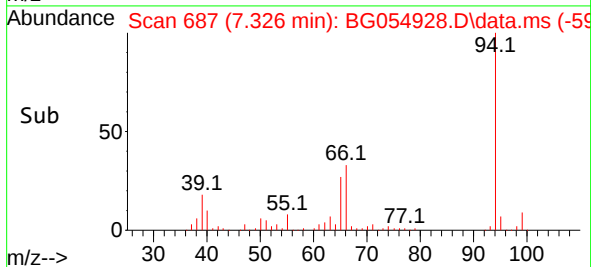
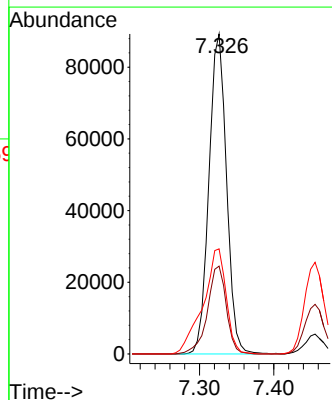
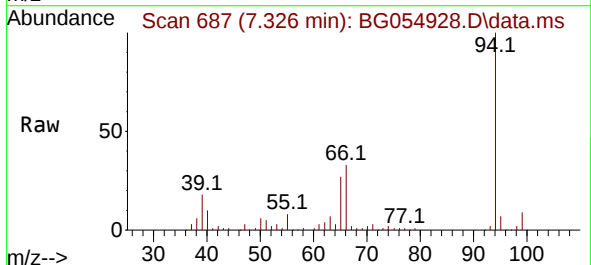
Instrument :  
BNA\_G  
ClientSampleId :  
CHERRY-HILL-COMP-3MSD

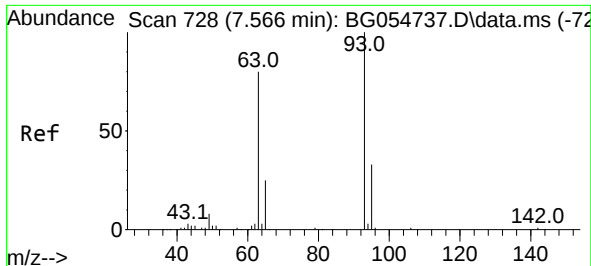
Tgt Ion: 77 Resp: 73694  
Ion Ratio Lower Upper  
77 100  
105 99.7 75.3 115.3  
106 95.3 70.2 110.2



#10  
Phenol  
Concen: 51.361 ng  
RT: 7.326 min Scan# 687  
Delta R.T. -0.003 min  
Lab File: BG054928.D  
Acq: 13 Sep 2022 19:02

Tgt Ion: 94 Resp: 147124  
Ion Ratio Lower Upper  
94 100  
65 27.5 9.9 49.9  
66 32.8 16.4 56.4

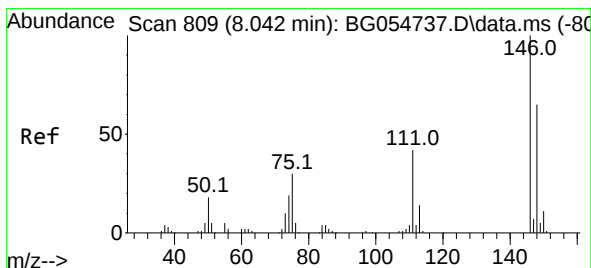
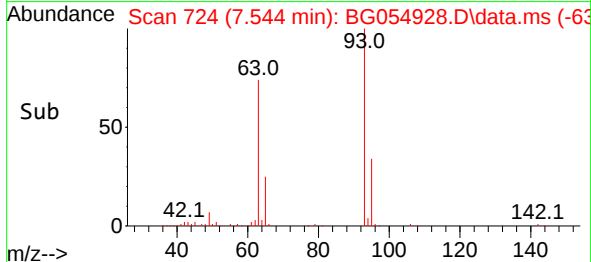
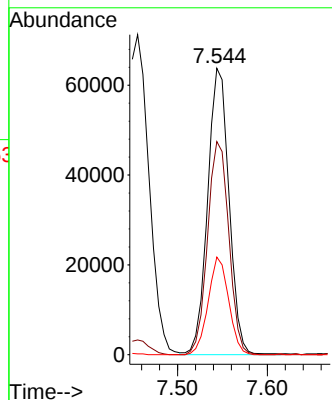
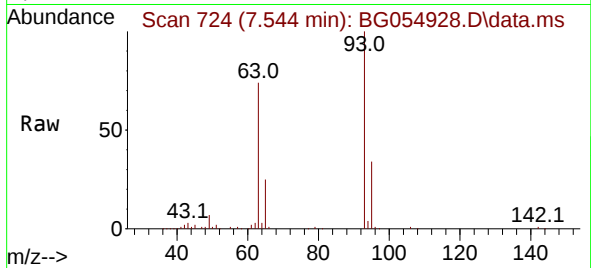




#11  
bis(2-Chloroethyl)ether  
Concen: 45.816 ng  
RT: 7.544 min Scan# 71  
Delta R.T. -0.009 min  
Lab File: BG054928.D  
Acq: 13 Sep 2022 19:02

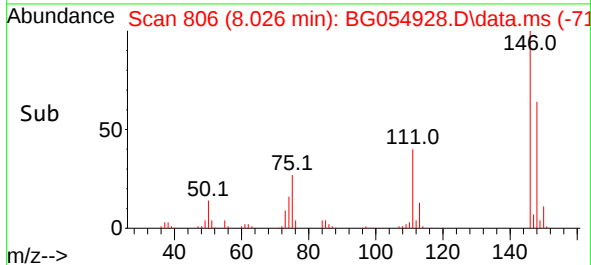
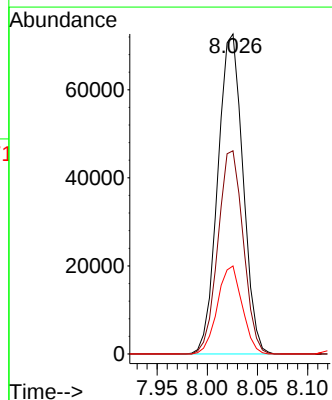
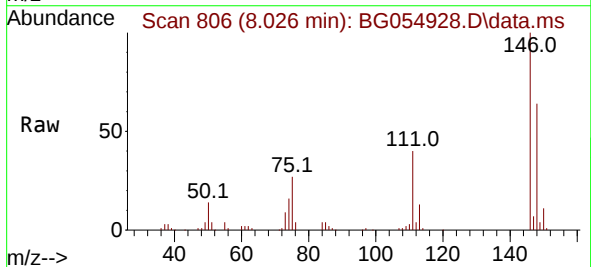
Instrument :  
BNA\_G  
ClientSampleId :  
CHERRY-HILL-COMP-3MSD

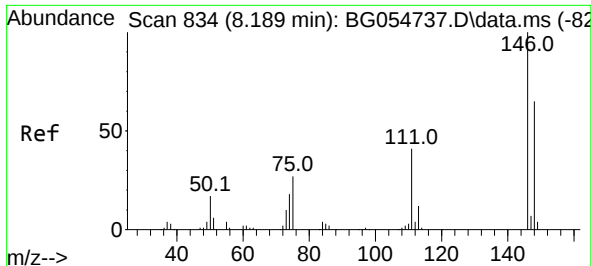
Tgt Ion: 93 Resp: 105550  
Ion Ratio Lower Upper  
93 100  
63 74.4 62.1 102.1  
95 34.1 12.1 52.1



#12  
1,3-Dichlorobenzene  
Concen: 49.205 ng  
RT: 8.026 min Scan# 806  
Delta R.T. -0.003 min  
Lab File: BG054928.D  
Acq: 13 Sep 2022 19:02

Tgt Ion: 146 Resp: 126711  
Ion Ratio Lower Upper  
146 100  
148 63.5 50.6 76.0  
75 27.5 24.3 36.5





#13

1,4-Dichlorobenzene

Concen: 49.615 ng

RT: 8.172 min Scan# 81

Delta R.T. -0.009 min

Lab File: BG054928.D

Acq: 13 Sep 2022 19:02

Instrument :

BNA\_G

ClientSampleId :

CHERRY-HILL-COMP-3MSD

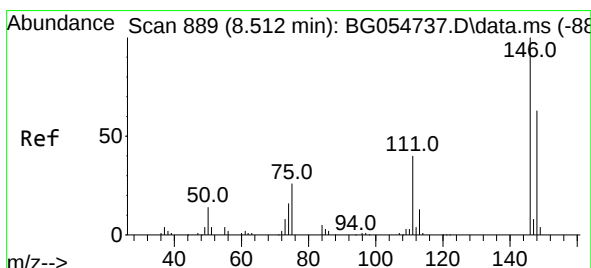
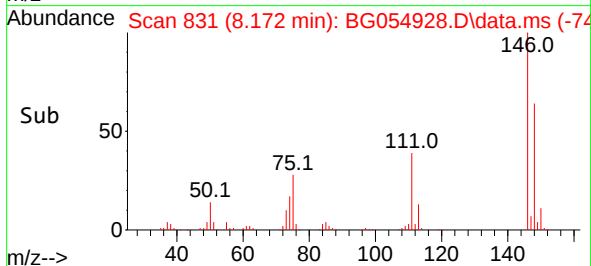
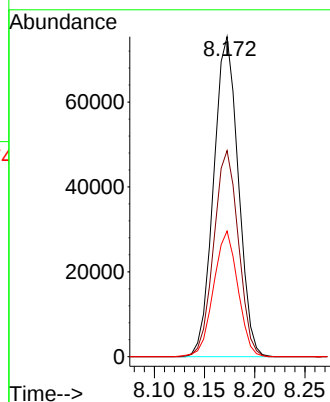
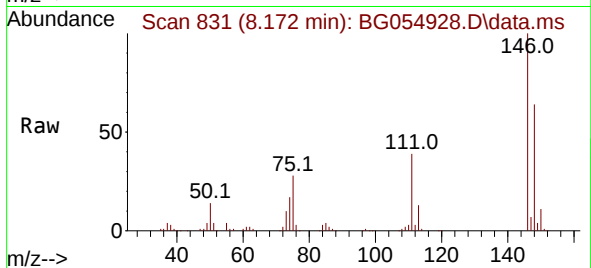
Tgt Ion:146 Resp: 128876

Ion Ratio Lower Upper

146 100

148 64.4 50.4 75.6

111 39.3 33.0 49.4



#14

1,2-Dichlorobenzene

Concen: 50.757 ng

RT: 8.496 min Scan# 886

Delta R.T. -0.003 min

Lab File: BG054928.D

Acq: 13 Sep 2022 19:02

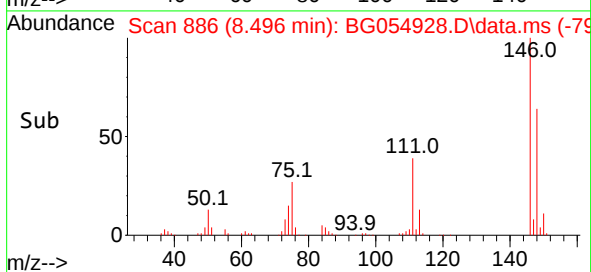
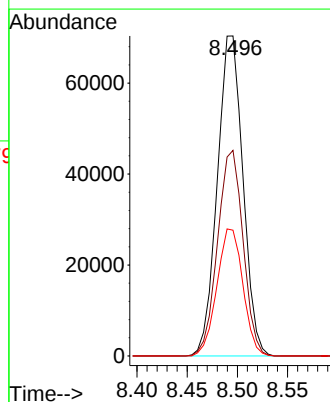
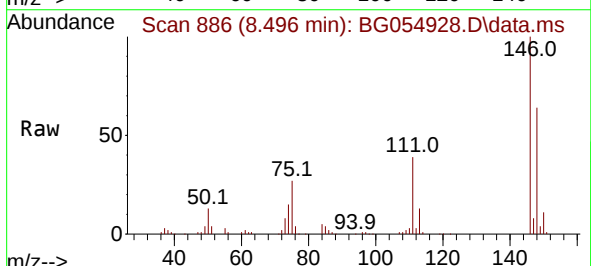
Tgt Ion:146 Resp: 125014

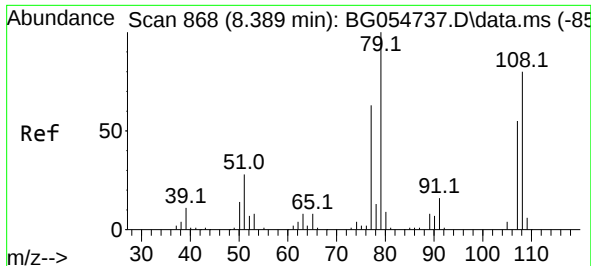
Ion Ratio Lower Upper

146 100

148 64.2 51.2 76.8

111 39.3 34.3 51.5

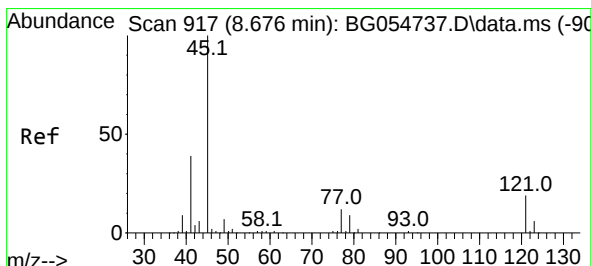
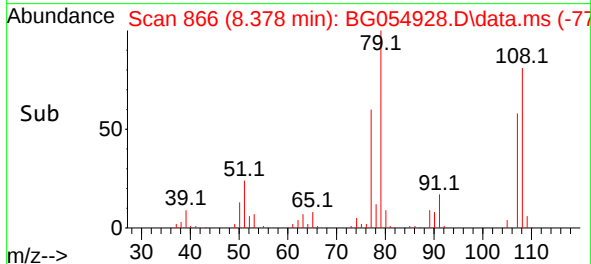
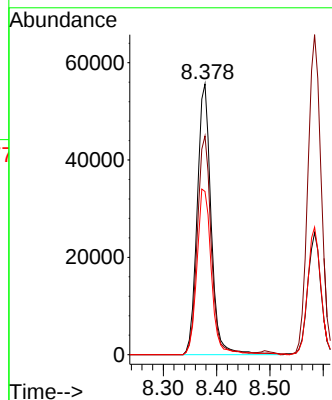
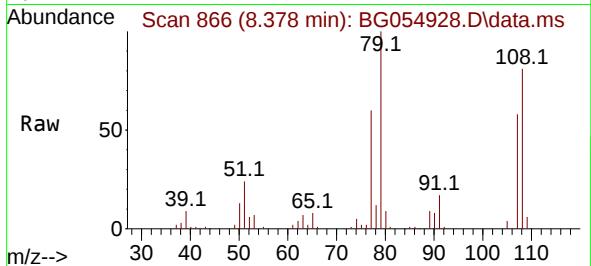




#15  
Benzyl Alcohol  
Concen: 50.207 ng  
RT: 8.378 min Scan# 80  
Delta R.T. -0.003 min  
Lab File: BG054928.D  
Acq: 13 Sep 2022 19:02

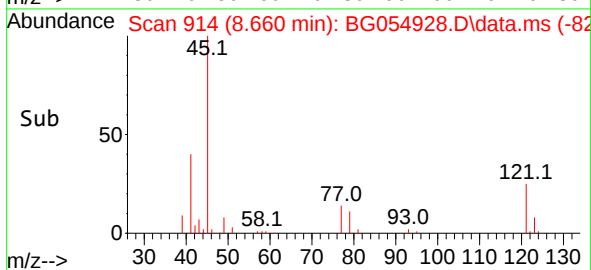
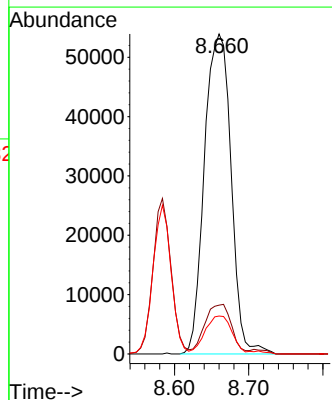
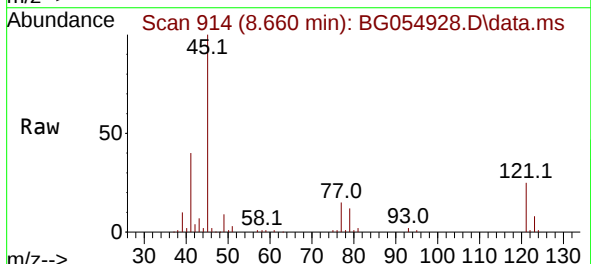
Instrument :  
BNA\_G  
ClientSampleId :  
CHERRY-HILL-COMP-3MSD

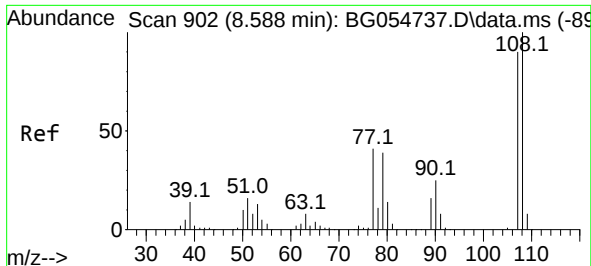
Tgt Ion: 79 Resp: 101030  
Ion Ratio Lower Upper  
79 100  
108 80.8 63.4 95.0  
77 60.3 55.0 82.4



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 37.366 ng  
RT: 8.660 min Scan# 914  
Delta R.T. -0.003 min  
Lab File: BG054928.D  
Acq: 13 Sep 2022 19:02

Tgt Ion: 45 Resp: 134697  
Ion Ratio Lower Upper  
45 100  
77 15.3 0.0 32.8  
79 11.8 0.0 30.4

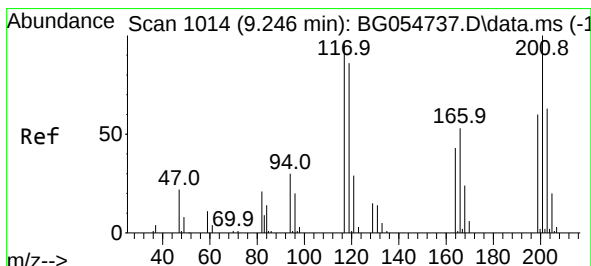
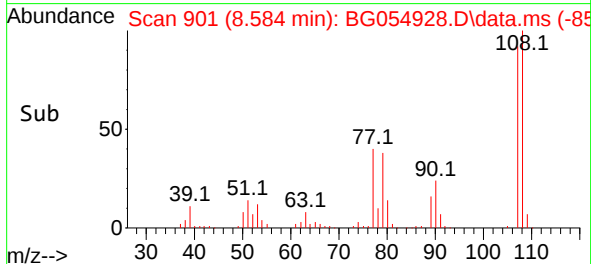
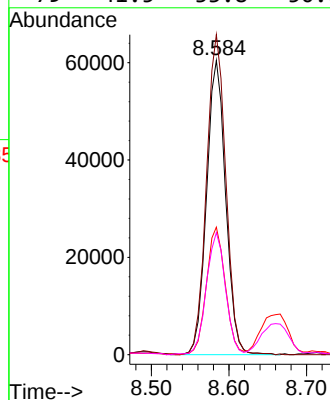
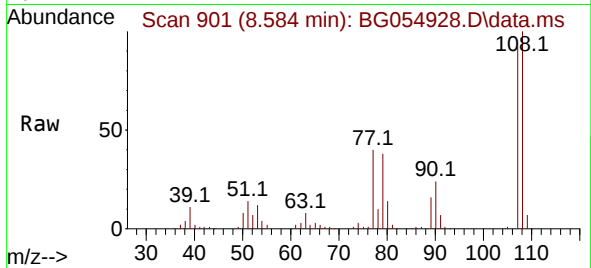




#17  
2-Methylphenol  
Concen: 52.463 ng  
RT: 8.584 min Scan# 902  
Delta R.T. -0.003 min  
Lab File: BG054928.D  
Acq: 13 Sep 2022 19:02

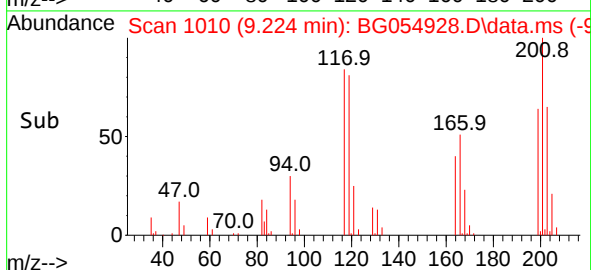
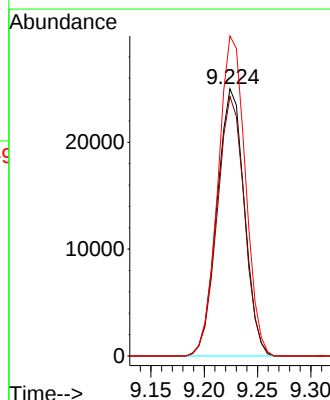
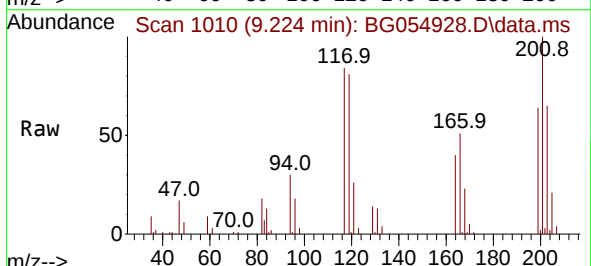
Instrument :  
BNA\_G  
ClientSampleId :  
CHERRY-HILL-COMP-3MSD

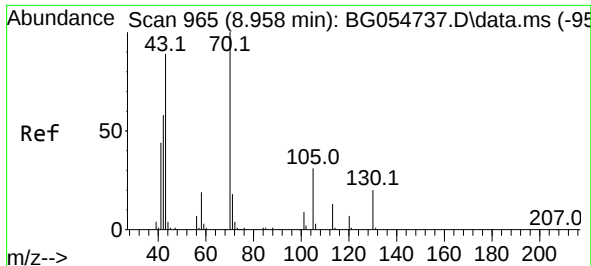
Tgt Ion:107 Resp: 103469  
Ion Ratio Lower Upper  
107 100  
108 108.7 85.6 128.4  
77 43.3 35.8 53.8  
79 41.5 33.8 50.6



#18  
Hexachloroethane  
Concen: 47.384 ng  
RT: 9.224 min Scan# 1010  
Delta R.T. -0.009 min  
Lab File: BG054928.D  
Acq: 13 Sep 2022 19:02

Tgt Ion:117 Resp: 44631  
Ion Ratio Lower Upper  
117 100  
119 97.1 77.0 115.6  
201 119.7 87.2 130.8

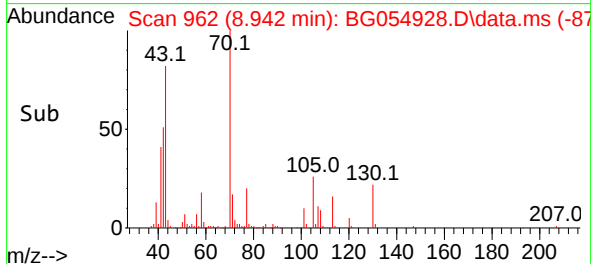
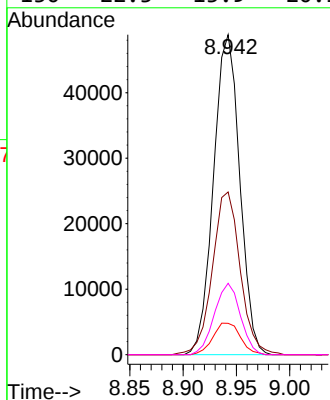
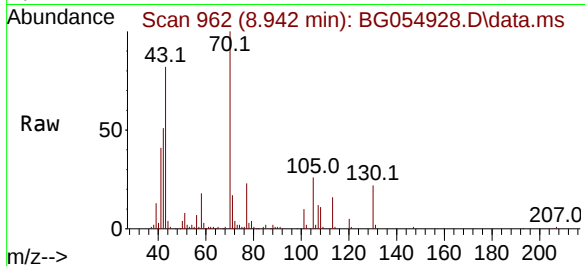




#19  
n-Nitroso-di-n-propylamine  
Concen: 43.558 ng  
RT: 8.942 min Scan# 90  
Delta R.T. -0.009 min  
Lab File: BG054928.D  
Acq: 13 Sep 2022 19:02

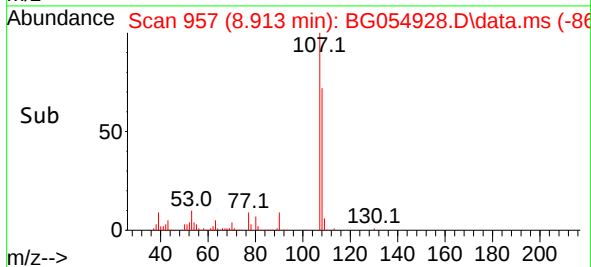
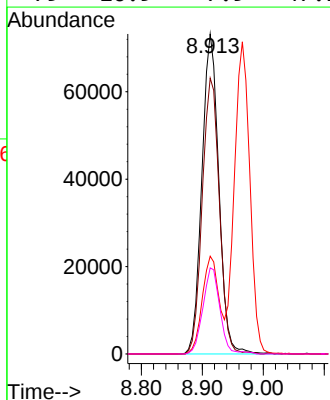
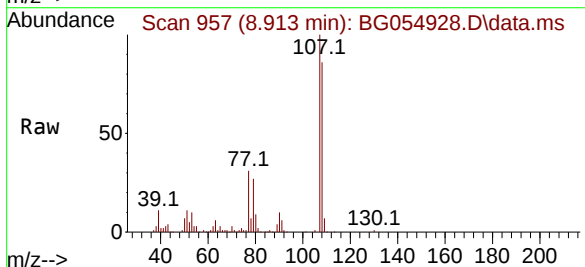
Instrument :  
BNA\_G  
ClientSampleId :  
CHERRY-HILL-COMP-3MSD

Tgt Ion: 70 Resp: 83433  
Ion Ratio Lower Upper  
70 100  
42 50.9 46.6 69.8  
101 9.8 7.7 11.5  
130 22.3 13.9 20.9#



#20  
3+4-Methylphenols  
Concen: 51.582 ng  
RT: 8.913 min Scan# 957  
Delta R.T. -0.009 min  
Lab File: BG054928.D  
Acq: 13 Sep 2022 19:02

Tgt Ion: 107 Resp: 141069  
Ion Ratio Lower Upper  
107 100  
108 86.2 71.6 111.6  
77 30.5 13.1 53.1  
79 26.9 7.9 47.9

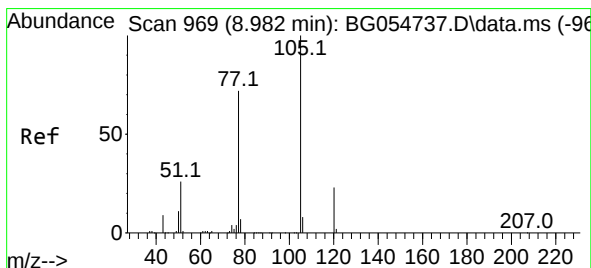
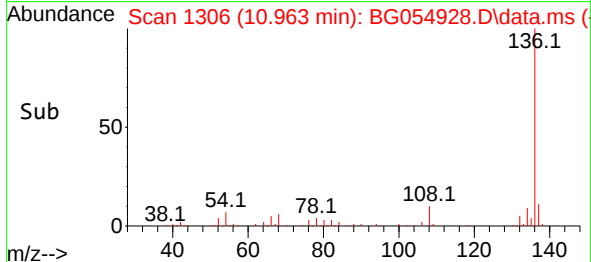
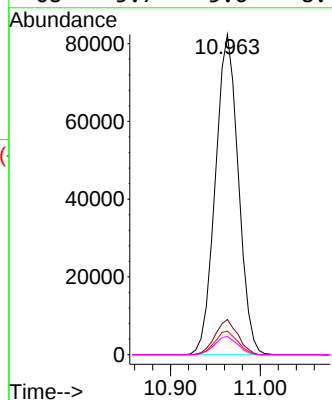
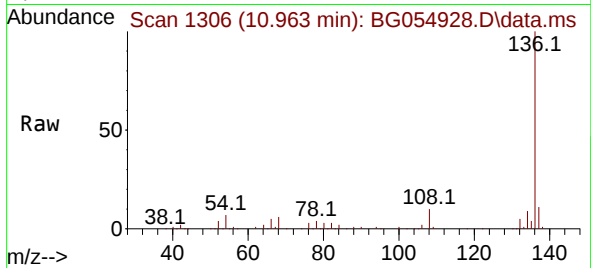




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.963 min Scan# 11  
Delta R.T. -0.009 min  
Lab File: BG054928.D  
Acq: 13 Sep 2022 19:02

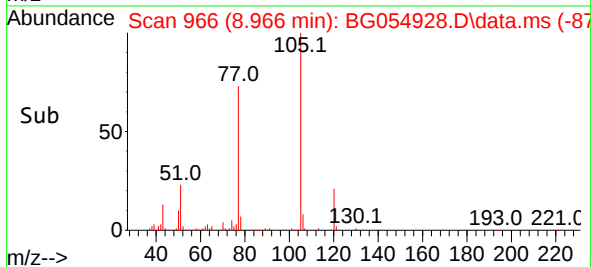
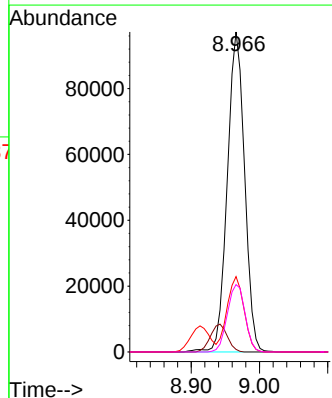
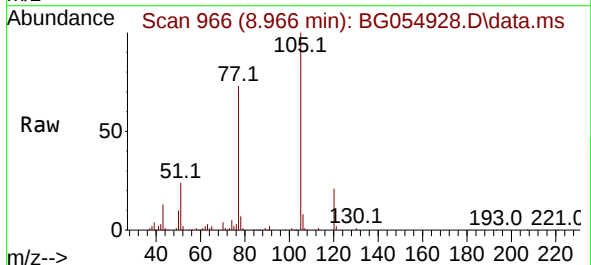
Instrument :  
BNA\_G  
ClientSampleId :  
CHERRY-HILL-COMP-3MSD

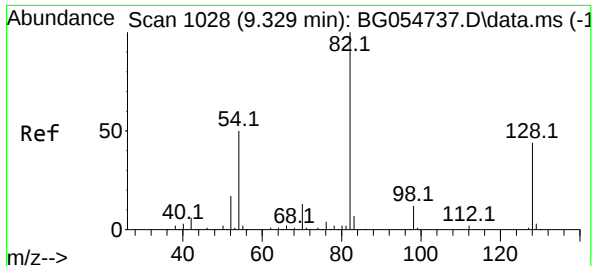
Tgt Ion:136 Resp: 146339  
Ion Ratio Lower Upper  
136 100  
137 11.0 9.2 13.8  
54 7.3 7.7 11.5#  
68 5.7 5.6 8.4



#22  
Acetophenone  
Concen: 46.755 ng  
RT: 8.966 min Scan# 966  
Delta R.T. -0.009 min  
Lab File: BG054928.D  
Acq: 13 Sep 2022 19:02

Tgt Ion:105 Resp: 171177  
Ion Ratio Lower Upper  
105 100  
71 0.8 1.2 1.8#  
51 23.5 22.9 34.3  
120 21.0 17.4 26.2





#23

Nitrobenzene-d5

Concen: 73.438 ng

RT: 9.312 min Scan# 1025

Delta R.T. -0.009 min

Lab File: BG054928.D

Acq: 13 Sep 2022 19:02

Instrument :

BNA\_G

ClientSampleId :

CHERRY-HILL-COMP-3MSD

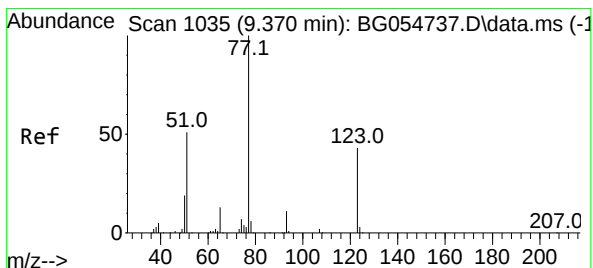
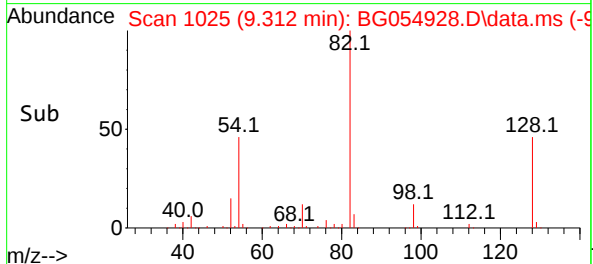
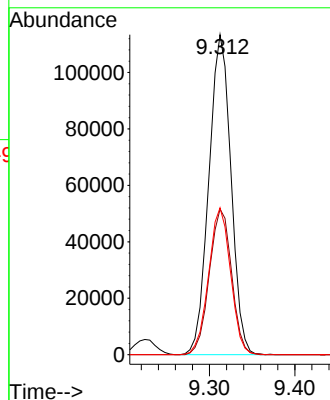
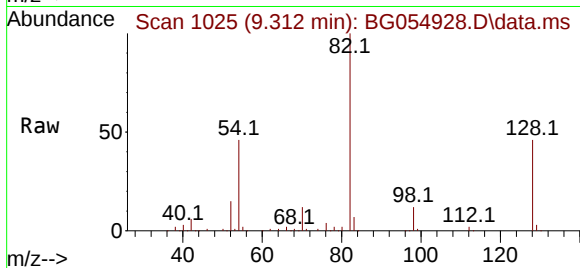
Tgt Ion: 82 Resp: 204716

Ion Ratio Lower Upper

82 100

128 45.5 32.2 48.2

54 45.9 41.4 62.0



#24

Nitrobenzene

Concen: 43.119 ng

RT: 9.353 min Scan# 1032

Delta R.T. -0.009 min

Lab File: BG054928.D

Acq: 13 Sep 2022 19:02

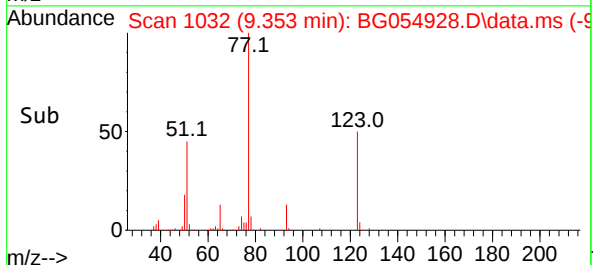
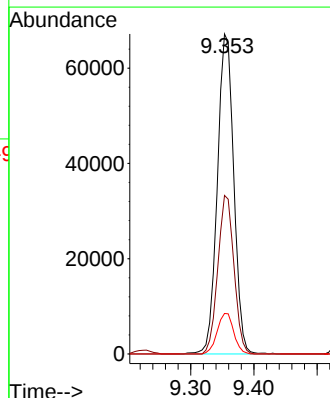
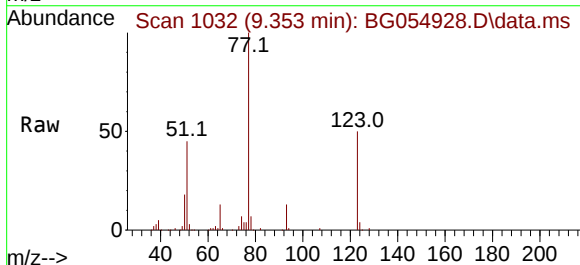
Tgt Ion: 77 Resp: 121151

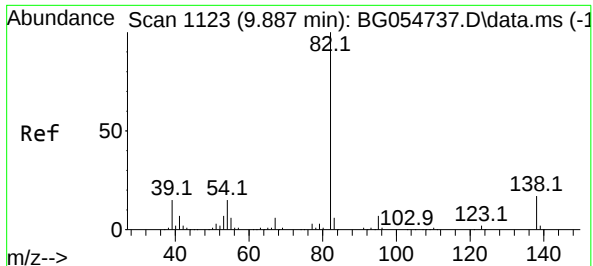
Ion Ratio Lower Upper

77 100

123 49.5 35.0 52.6

65 12.6 10.2 15.2

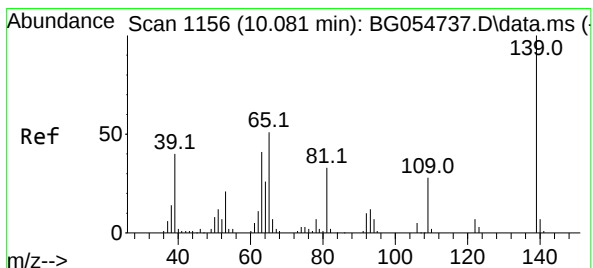
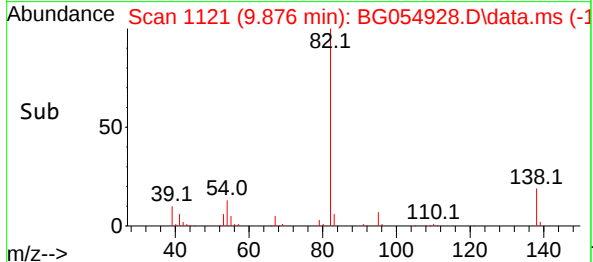
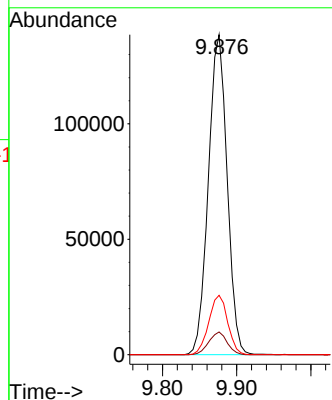
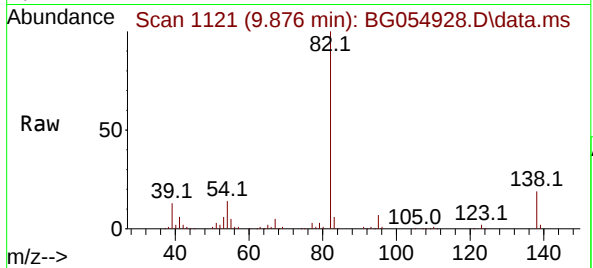




#25  
Isophorone  
Concen: 46.799 ng  
RT: 9.876 min Scan# 1123  
Delta R.T. -0.009 min  
Lab File: BG054928.D  
Acq: 13 Sep 2022 19:02

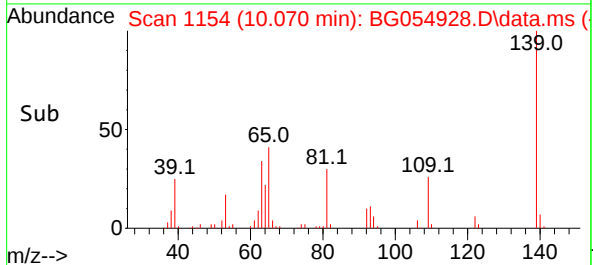
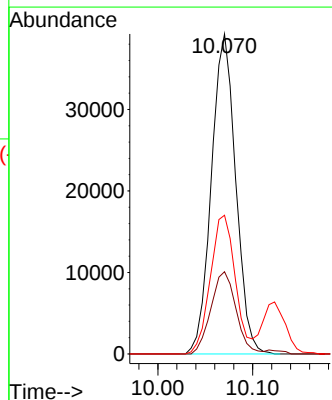
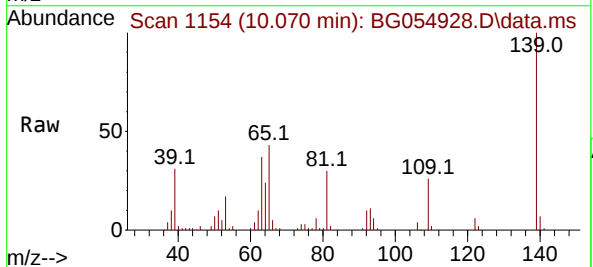
Instrument :  
BNA\_G  
ClientSampleId :  
CHERRY-HILL-COMP-3MSD

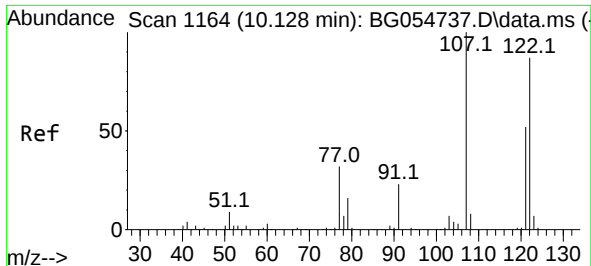
Tgt Ion: 82 Resp: 243248  
Ion Ratio Lower Upper  
82 100  
95 7.1 5.6 8.4  
138 18.5 13.9 20.9



#26  
2-Nitrophenol  
Concen: 56.359 ng  
RT: 10.070 min Scan# 1154  
Delta R.T. -0.009 min  
Lab File: BG054928.D  
Acq: 13 Sep 2022 19:02

Tgt Ion:139 Resp: 69949  
Ion Ratio Lower Upper  
139 100  
109 25.7 21.8 32.6  
65 43.3 37.4 56.0





#27

2,4-Dimethylphenol

Concen: 59.162 ng

RT: 10.123 min Scan# 1163

Delta R.T. -0.003 min

Lab File: BG054928.D

Acq: 13 Sep 2022 19:02

Instrument :

BNA\_G

ClientSampleId :

CHERRY-HILL-COMP-3MSD

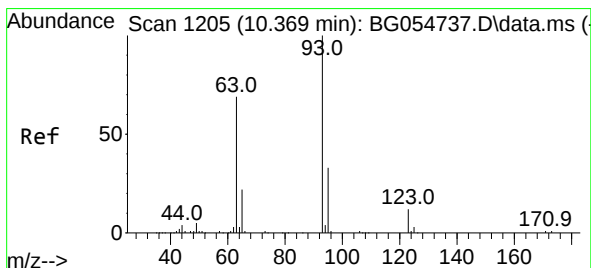
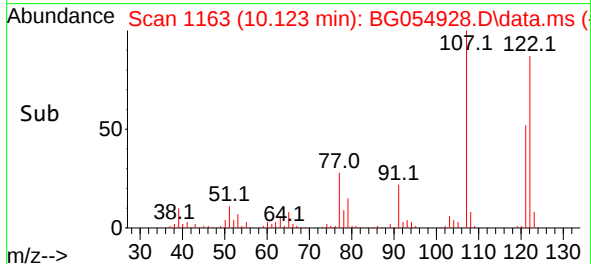
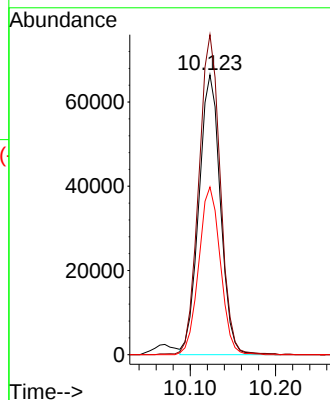
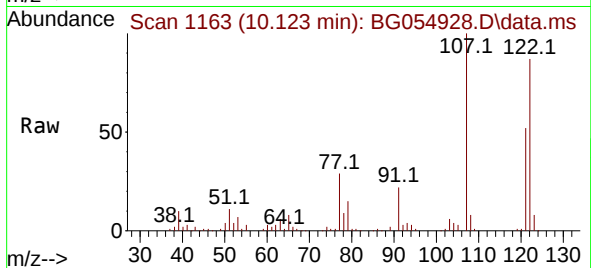
Tgt Ion:122 Resp: 116340

Ion Ratio Lower Upper

122 100

107 114.3 94.6 142.0

121 59.9 49.8 74.6



#28

bis(2-Chloroethoxy)methane

Concen: 49.988 ng

RT: 10.352 min Scan# 1202

Delta R.T. -0.009 min

Lab File: BG054928.D

Acq: 13 Sep 2022 19:02

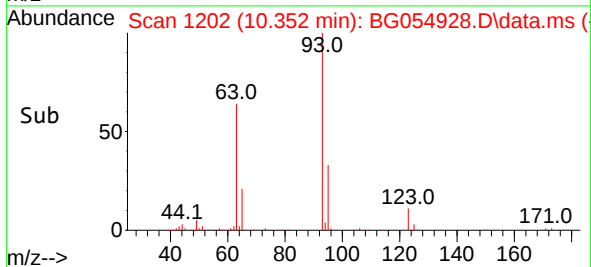
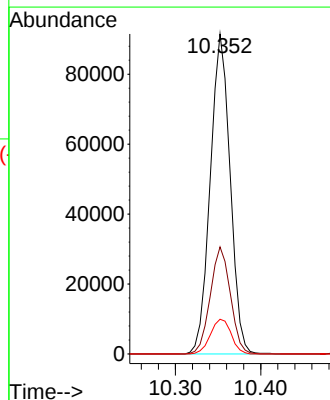
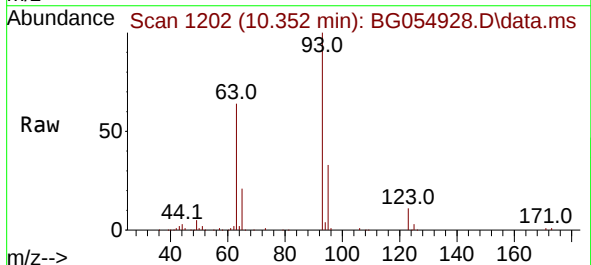
Tgt Ion: 93 Resp: 148052

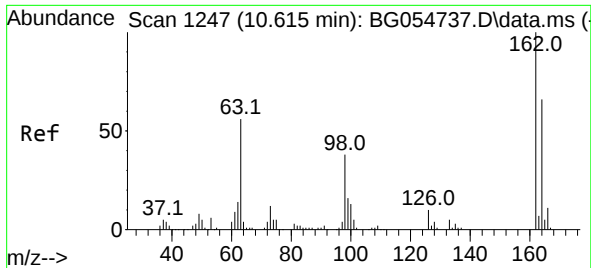
Ion Ratio Lower Upper

93 100

95 33.5 26.2 39.2

123 10.9 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 55.153 ng

RT: 10.611 min Scan# 1246

Delta R.T. -0.009 min

Lab File: BG054928.D

Acq: 13 Sep 2022 19:02

Instrument :

BNA\_G

ClientSampleId :

CHERRY-HILL-COMP-3MSD

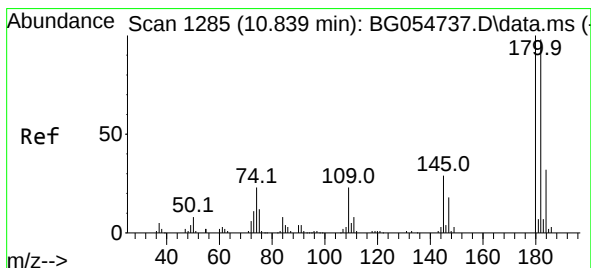
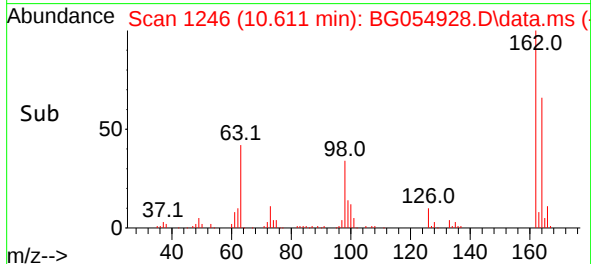
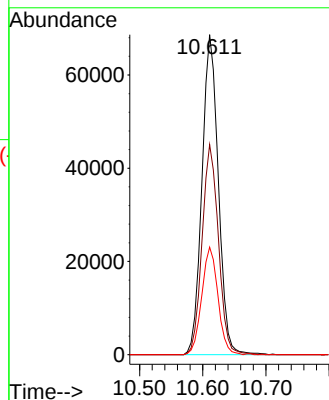
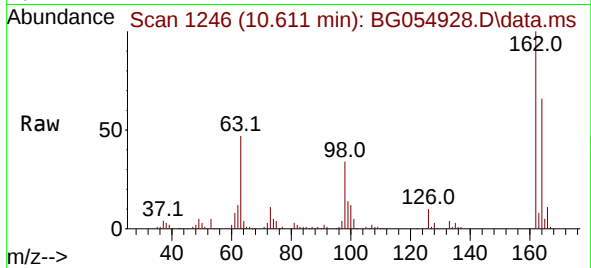
Tgt Ion:162 Resp: 123359

Ion Ratio Lower Upper

162 100

164 65.7 47.2 87.2

98 33.6 16.6 56.6



#30

1,2,4-Trichlorobenzene

Concen: 47.707 ng

RT: 10.822 min Scan# 1282

Delta R.T. -0.009 min

Lab File: BG054928.D

Acq: 13 Sep 2022 19:02

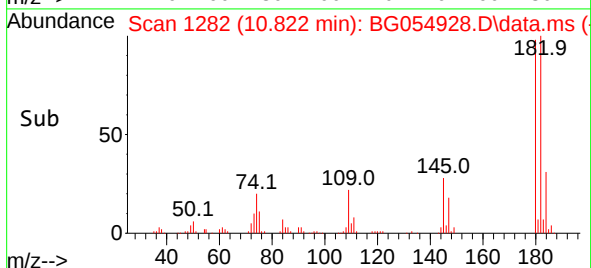
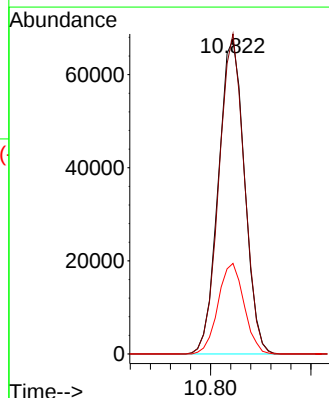
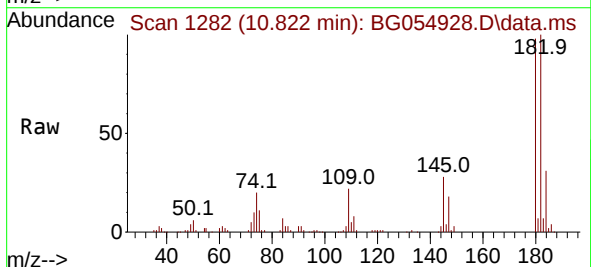
Tgt Ion:180 Resp: 121940

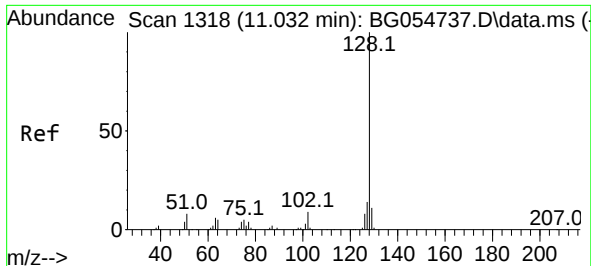
Ion Ratio Lower Upper

180 100

182 101.8 77.0 115.6

145 28.8 24.0 36.0

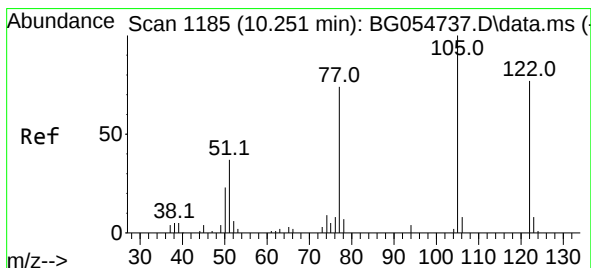
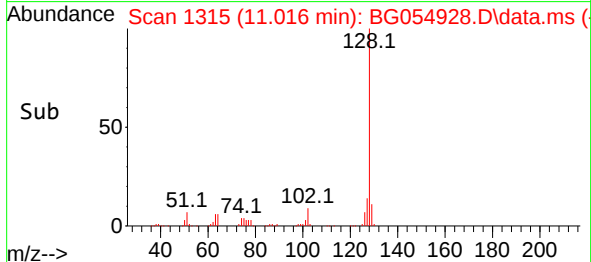
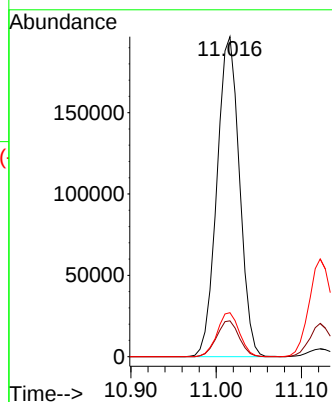
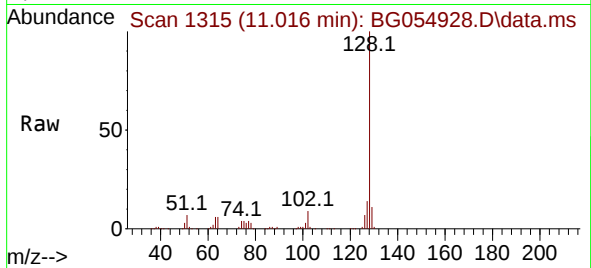




#31  
Naphthalene  
Concen: 46.033 ng  
RT: 11.016 min Scan# 1163  
Delta R.T. -0.009 min  
Lab File: BG054928.D  
Acq: 13 Sep 2022 19:02

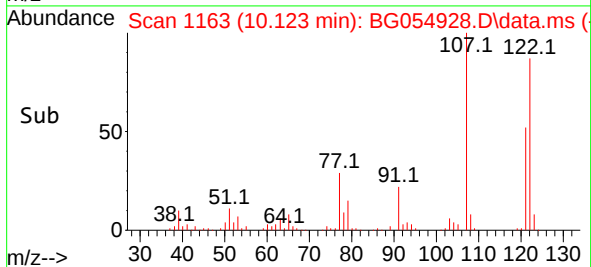
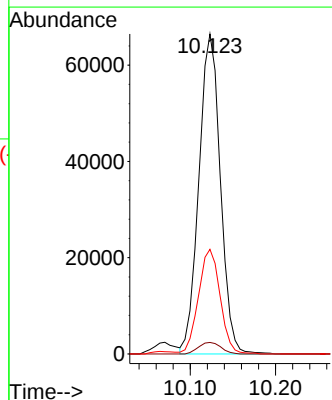
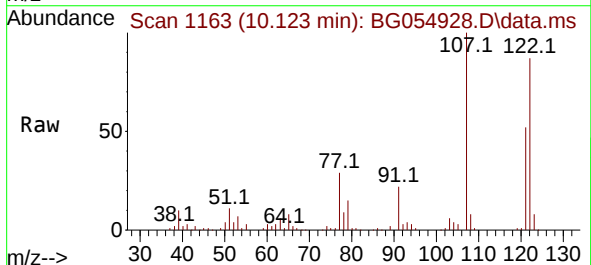
Instrument :  
BNA\_G  
ClientSampleId :  
CHERRY-HILL-COMP-3MSD

Tgt Ion:128 Resp: 361425  
Ion Ratio Lower Upper  
128 100  
129 11.2 9.0 13.4  
127 13.7 11.1 16.7



#32  
Benzoic acid  
Concen: 77.199 ng  
RT: 10.123 min Scan# 1163  
Delta R.T. -0.220 min  
Lab File: BG054928.D  
Acq: 13 Sep 2022 19:02

Tgt Ion:122 Resp: 116340  
Ion Ratio Lower Upper  
122 100  
105 3.6 101.5 141.5#  
77 32.7 69.3 109.3#

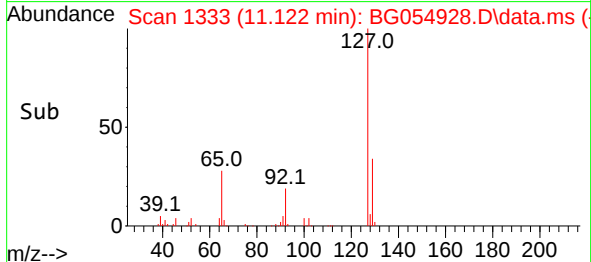
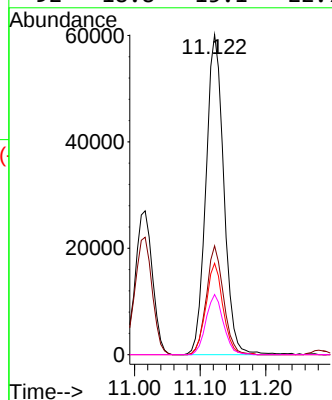
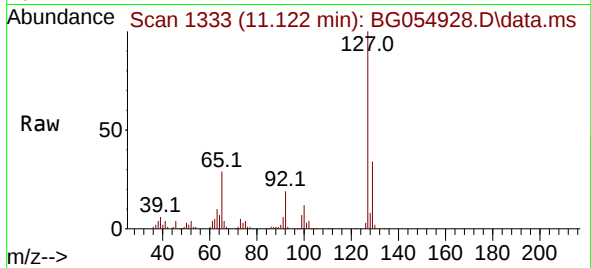




#33  
4-Chloroaniline  
Concen: 35.580 ng  
RT: 11.122 min Scan# 11  
Delta R.T. -0.009 min  
Lab File: BG054928.D  
Acq: 13 Sep 2022 19:02

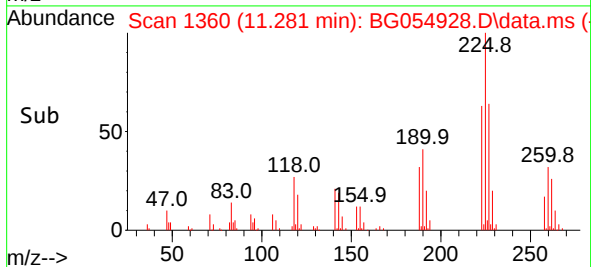
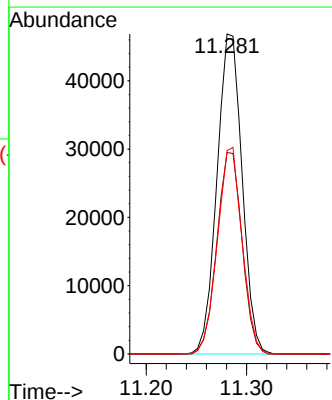
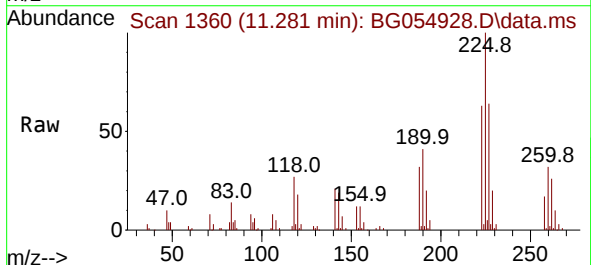
Instrument :  
BNA\_G  
ClientSampleId :  
CHERRY-HILL-COMP-3MSD

|             |       |        |       |
|-------------|-------|--------|-------|
| Tgt Ion:127 | Resp: | 113889 |       |
| Ion         | Ratio | Lower  | Upper |
| 127         | 100   |        |       |
| 129         | 34.0  | 26.0   | 39.0  |
| 65          | 28.5  | 25.8   | 38.8  |
| 92          | 18.8  | 15.1   | 22.7  |



#34  
Hexachlorobutadiene  
Concen: 49.738 ng  
RT: 11.281 min Scan# 1360  
Delta R.T. -0.009 min  
Lab File: BG054928.D  
Acq: 13 Sep 2022 19:02

|     |         |       |       |
|-----|---------|-------|-------|
| Tgt | Ion:225 | Resp: | 81454 |
| Ion | Ratio   | Lower | Upper |
| 225 | 100     |       |       |
| 223 | 63.0    | 51.4  | 77.0  |
| 227 | 63.5    | 52.6  | 79.0  |

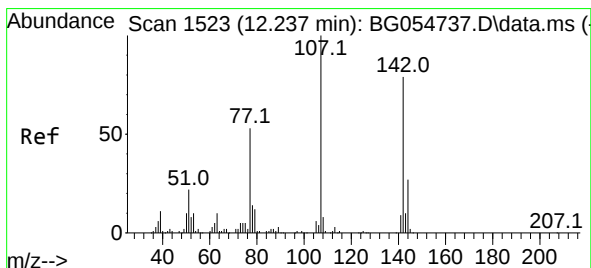
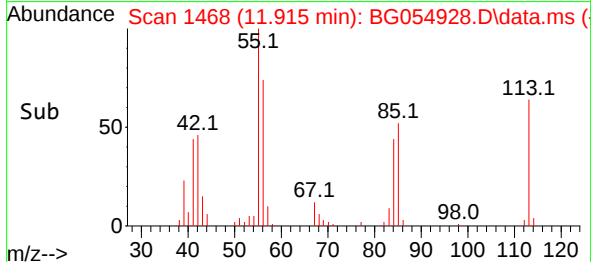
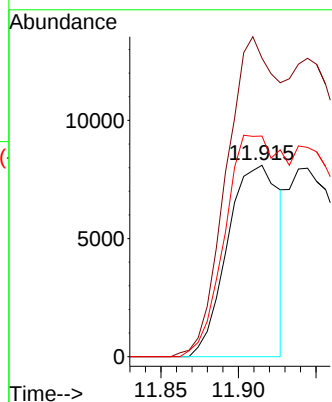
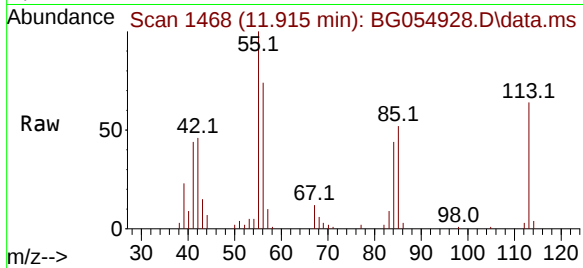




#35  
 Caprolactam  
 Concen: 23.618 ng  
 RT: 11.915 min Scan# 1468  
 Delta R.T. 0.003 min  
 Lab File: BG054928.D  
 Acq: 13 Sep 2022 19:02

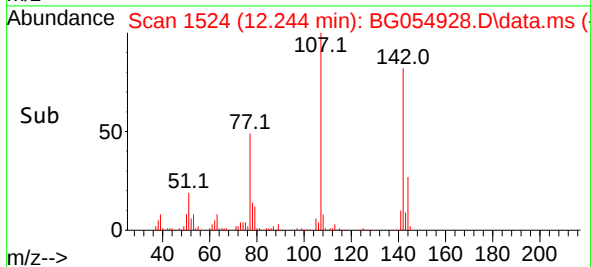
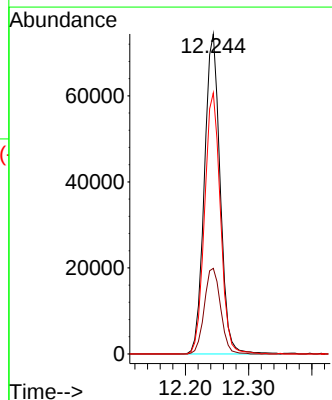
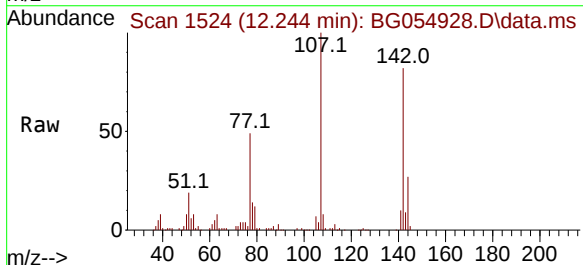
Instrument :  
 BNA\_G  
 ClientSampleId :  
 CHERRY-HILL-COMP-3MSD

Tgt Ion:113 Resp: 18637  
 Ion Ratio Lower Upper  
 113 100  
 55 156.0 179.1 219.1#  
 56 115.3 120.8 160.8#



#36  
 4-Chloro-3-methylphenol  
 Concen: 52.611 ng  
 RT: 12.244 min Scan# 1524  
 Delta R.T. -0.003 min  
 Lab File: BG054928.D  
 Acq: 13 Sep 2022 19:02

Tgt Ion:107 Resp: 128682  
 Ion Ratio Lower Upper  
 107 100  
 144 26.8 22.4 33.6  
 142 81.6 65.8 98.8

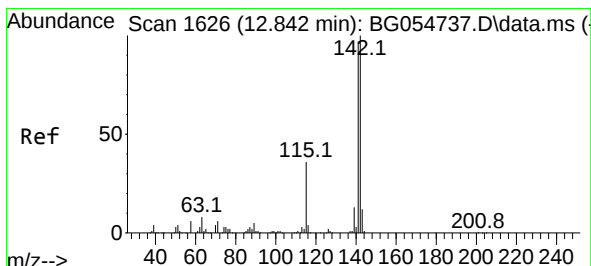
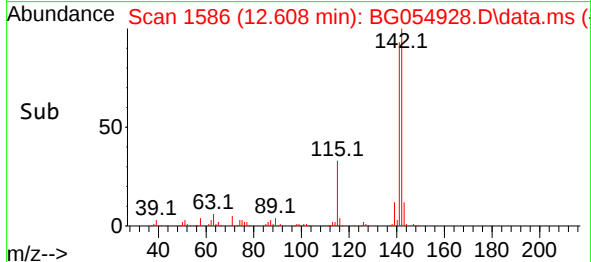
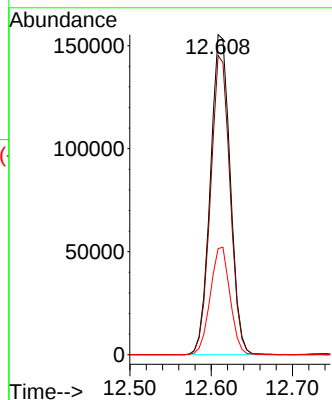
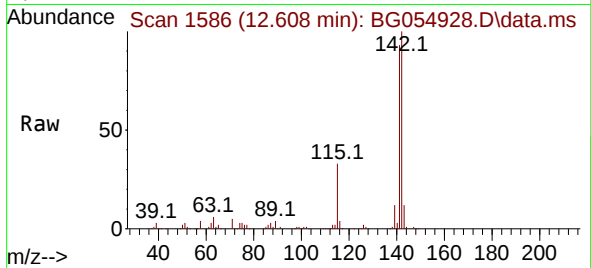




#37  
2-Methylnaphthalene  
Concen: 47.875 ng  
RT: 12.608 min Scan# 11  
Delta R.T. -0.009 min  
Lab File: BG054928.D  
Acq: 13 Sep 2022 19:02

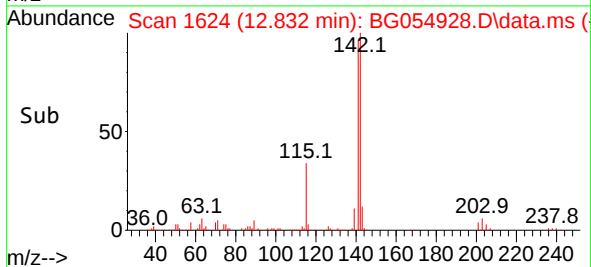
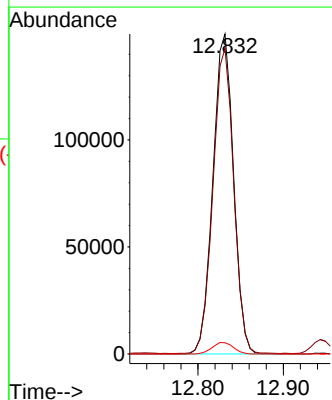
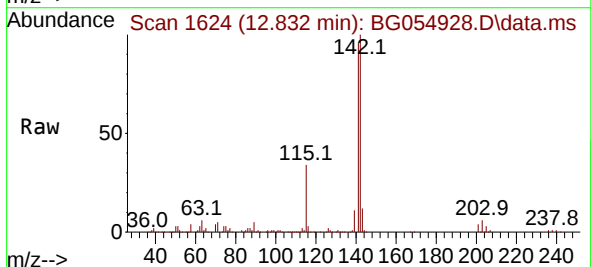
Instrument :  
BNA\_G  
ClientSampleId :  
CHERRY-HILL-COMP-3MSD

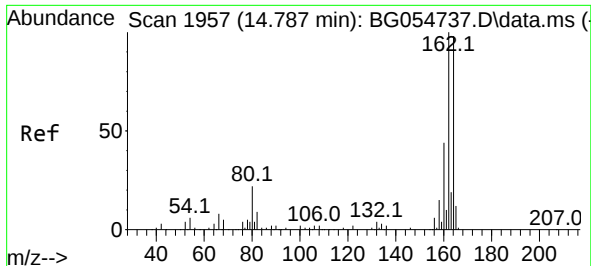
Tgt Ion:142 Resp: 263456  
Ion Ratio Lower Upper  
142 100  
141 93.5 73.0 109.4  
115 33.2 27.3 40.9



#38  
1-Methylnaphthalene  
Concen: 46.920 ng  
RT: 12.832 min Scan# 1624  
Delta R.T. -0.003 min  
Lab File: BG054928.D  
Acq: 13 Sep 2022 19:02

Tgt Ion:142 Resp: 251209  
Ion Ratio Lower Upper  
142 100  
141 95.5 77.4 116.0  
116 3.5 3.0 4.4

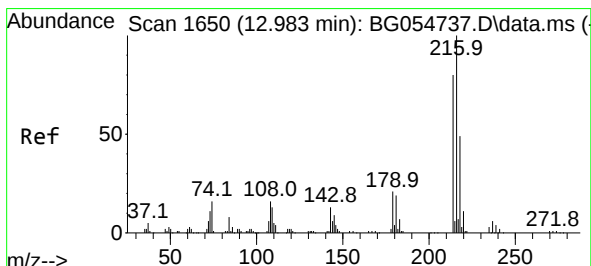
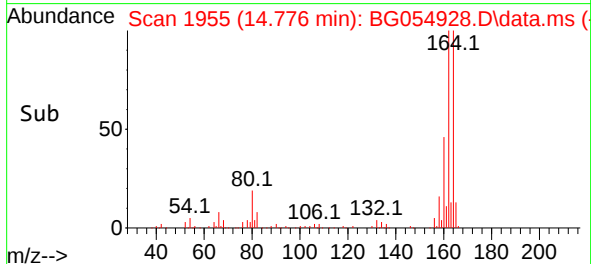
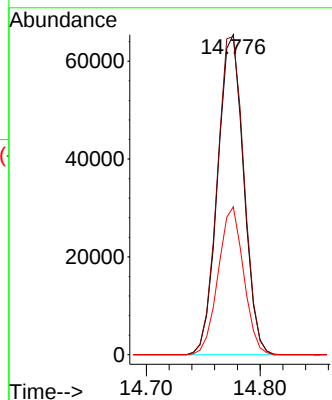
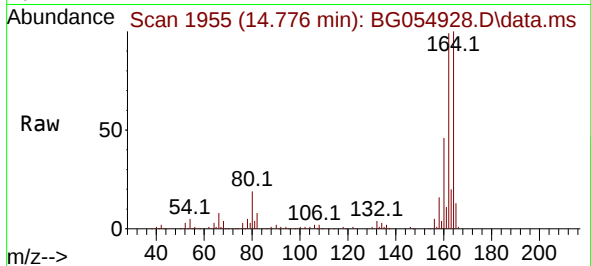




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.776 min Scan# 14  
Delta R.T. -0.003 min  
Lab File: BG054928.D  
Acq: 13 Sep 2022 19:02

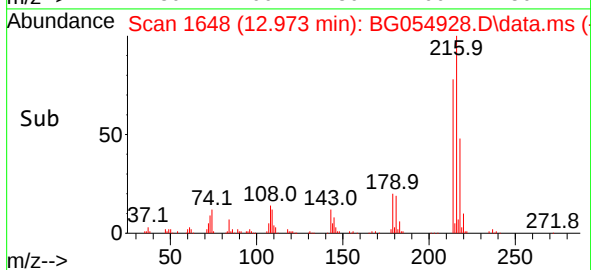
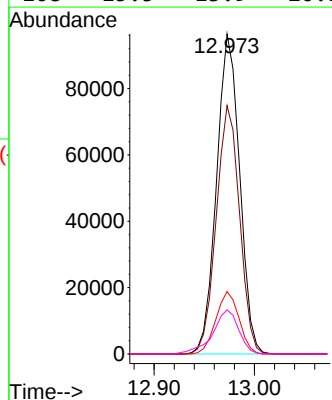
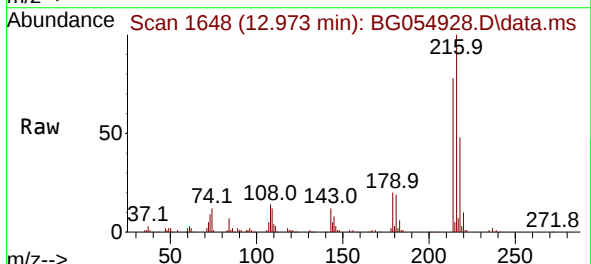
Instrument :  
BNA\_G  
ClientSampleId :  
CHERRY-HILL-COMP-3MSD

Tgt Ion:164 Resp: 103678  
Ion Ratio Lower Upper  
164 100  
162 99.4 83.0 124.4  
160 46.2 38.0 57.0



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 49.210 ng  
RT: 12.973 min Scan# 1648  
Delta R.T. -0.009 min  
Lab File: BG054928.D  
Acq: 13 Sep 2022 19:02

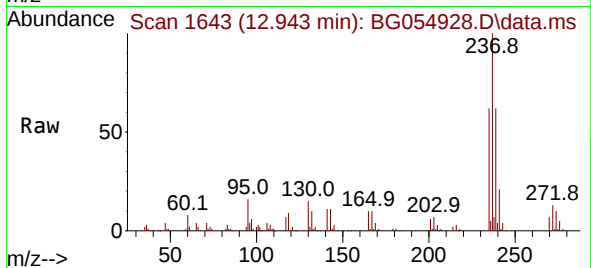
Tgt Ion:216 Resp: 153795  
Ion Ratio Lower Upper  
216 100  
214 78.4 63.2 94.8  
179 19.5 16.5 24.7  
108 15.5 13.9 20.9



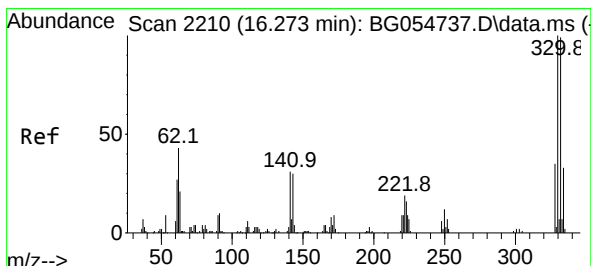
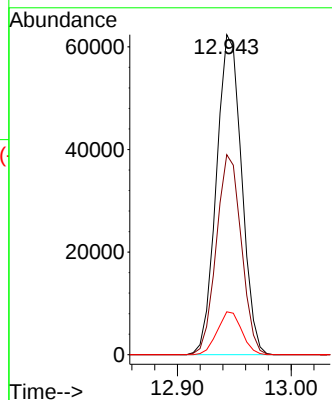
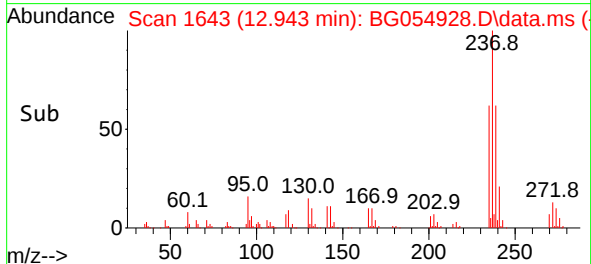


#41  
Hexachlorocyclopentadiene  
Concen: 58.066 ng  
RT: 12.943 min Scan# 1  
Delta R.T. -0.009 min  
Lab File: BG054928.D  
Acq: 13 Sep 2022 19:02

Instrument :  
BNA\_G  
ClientSampleId :  
CHERRY-HILL-COMP-3MSD

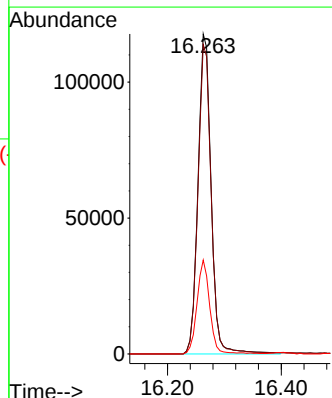
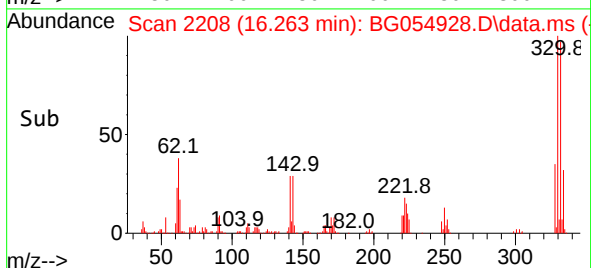
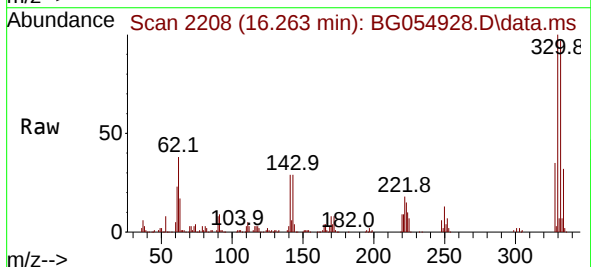


Tgt Ion:237 Resp: 96241  
Ion Ratio Lower Upper  
237 100  
235 62.5 42.2 82.2  
272 13.4 0.0 34.0



#42  
2,4,6-Tribromophenol  
Concen: 146.222 ng  
RT: 16.263 min Scan# 2208  
Delta R.T. -0.009 min  
Lab File: BG054928.D  
Acq: 13 Sep 2022 19:02

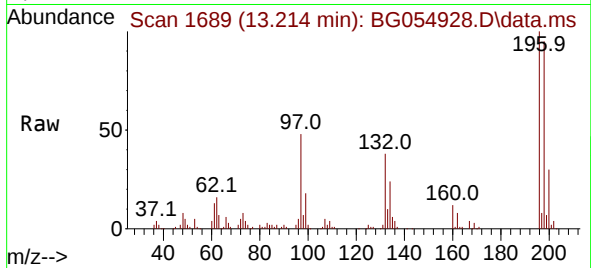
Tgt Ion:330 Resp: 189434  
Ion Ratio Lower Upper  
330 100  
332 97.0 79.8 119.6  
141 28.5 26.8 40.2



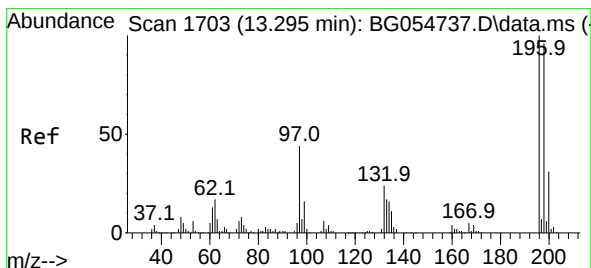
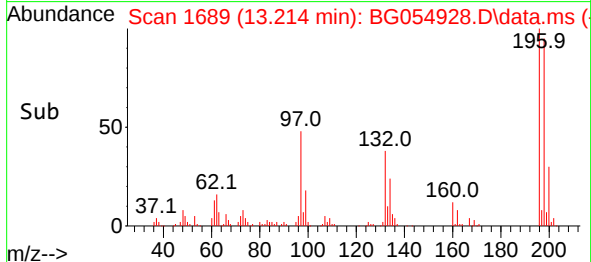
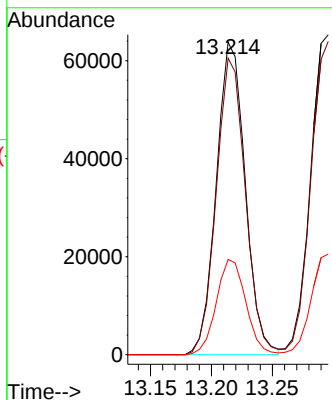


#43  
2,4,6-Trichlorophenol  
Concen: 50.855 ng  
RT: 13.214 min Scan# 1  
Delta R.T. -0.009 min  
Lab File: BG054928.D  
Acq: 13 Sep 2022 19:02

Instrument :  
BNA\_G  
ClientSampleId :  
CHERRY-HILL-COMP-3MSD

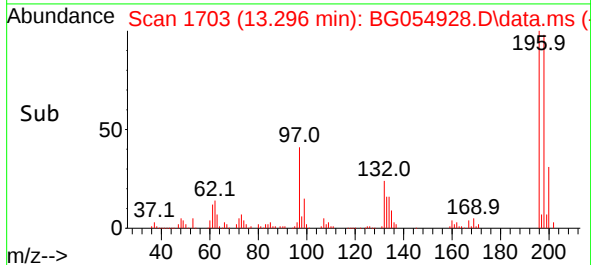
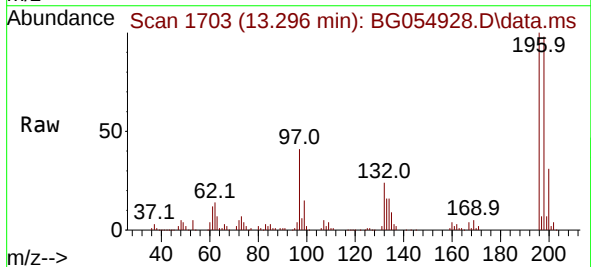
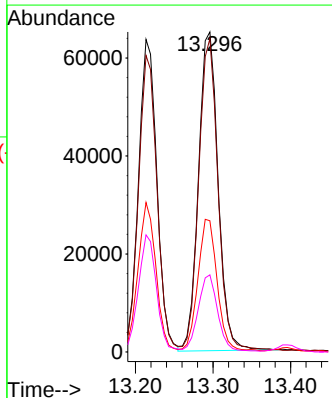


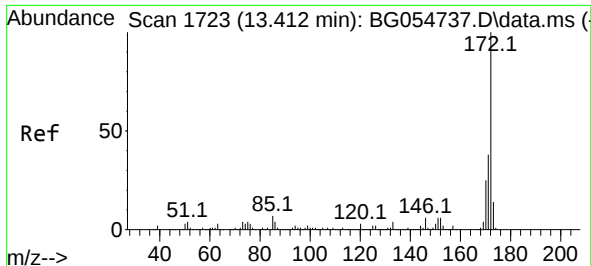
Tgt Ion:196 Resp: 105495  
Ion Ratio Lower Upper  
196 100  
198 94.9 77.1 115.7  
200 30.5 24.2 36.4



#44  
2,4,5-Trichlorophenol  
Concen: 49.075 ng  
RT: 13.296 min Scan# 1703  
Delta R.T. -0.003 min  
Lab File: BG054928.D  
Acq: 13 Sep 2022 19:02

Tgt Ion:196 Resp: 114328  
Ion Ratio Lower Upper  
196 100  
198 97.9 76.7 115.1  
97 41.0 36.6 55.0  
132 24.1 19.5 29.3

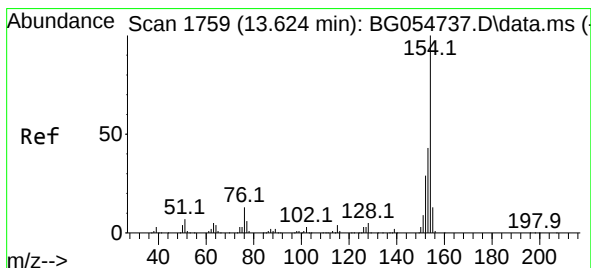
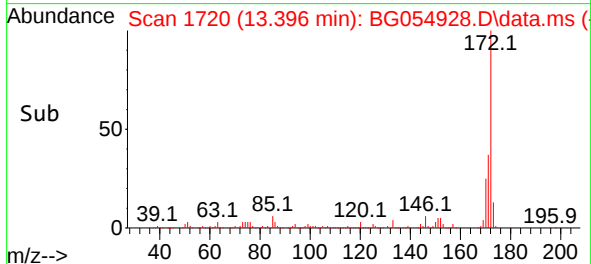
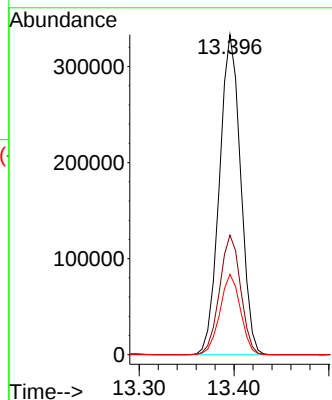
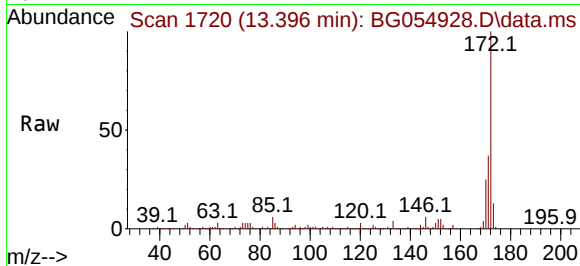




#45  
2-Fluorobiphenyl  
Concen: 74.971 ng  
RT: 13.396 min Scan# 1720  
Delta R.T. -0.009 min  
Lab File: BG054928.D  
Acq: 13 Sep 2022 19:02

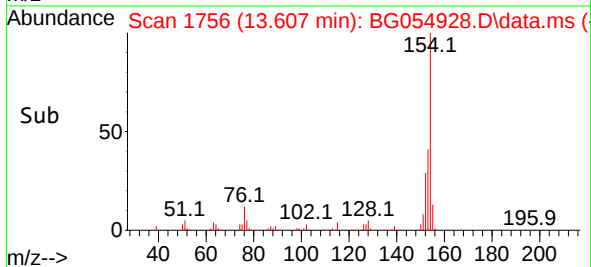
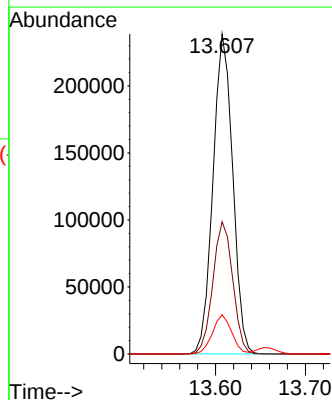
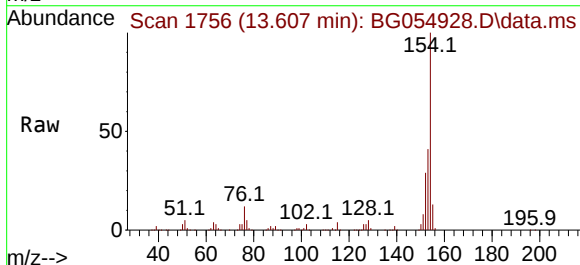
Instrument :  
BNA\_G  
ClientSampleId :  
CHERRY-HILL-COMP-3MSD

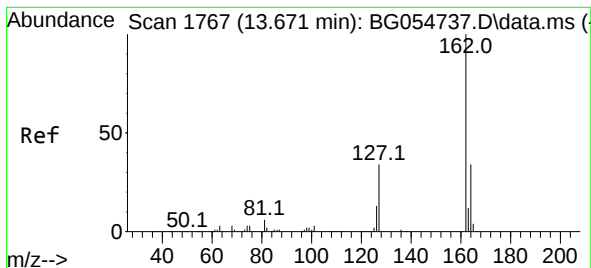
Tgt Ion:172 Resp: 517152  
Ion Ratio Lower Upper  
172 100  
171 37.4 31.2 46.8  
170 25.1 20.6 30.8



#46  
1,1'-Biphenyl  
Concen: 47.215 ng  
RT: 13.607 min Scan# 1756  
Delta R.T. -0.009 min  
Lab File: BG054928.D  
Acq: 13 Sep 2022 19:02

Tgt Ion:154 Resp: 363518  
Ion Ratio Lower Upper  
154 100  
153 41.3 22.2 62.2  
76 12.2 0.0 34.0





#47

2-Chloronaphthalene

Concen: 46.126 ng

RT: 13.660 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG054928.D

Acq: 13 Sep 2022 19:02

Instrument :

BNA\_G

ClientSampleId :

CHERRY-HILL-COMP-3MSD

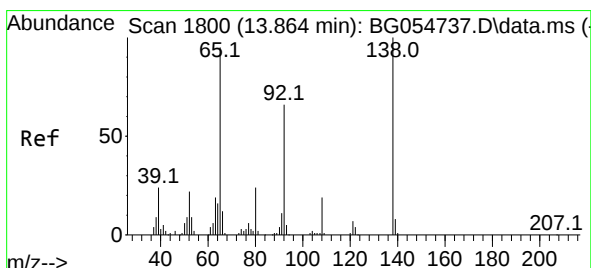
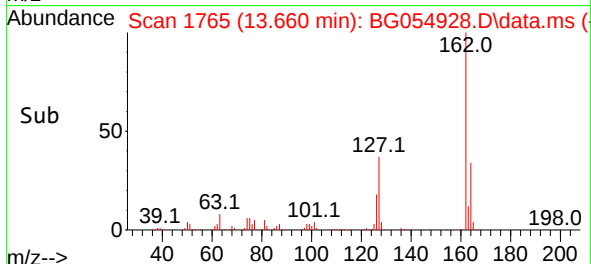
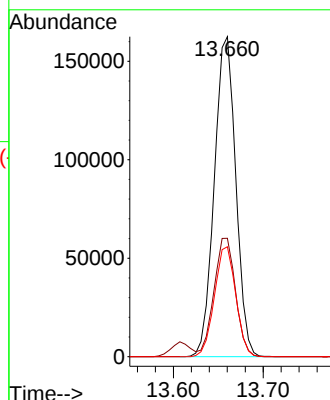
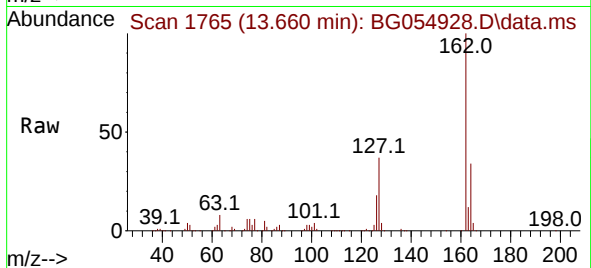
Tgt Ion:162 Resp: 269708

Ion Ratio Lower Upper

162 100

127 37.0 31.5 47.3

164 34.4 27.8 41.6



#48

2-Nitroaniline

Concen: 43.807 ng

RT: 13.860 min Scan# 1799

Delta R.T. -0.009 min

Lab File: BG054928.D

Acq: 13 Sep 2022 19:02

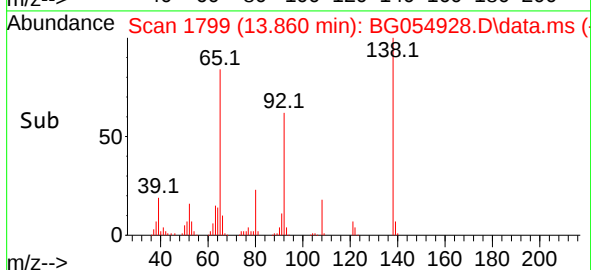
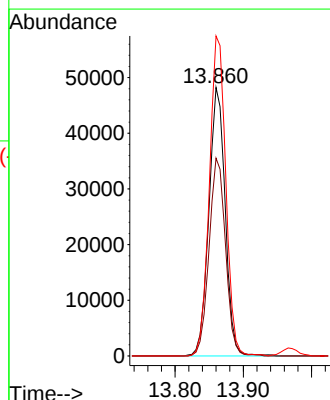
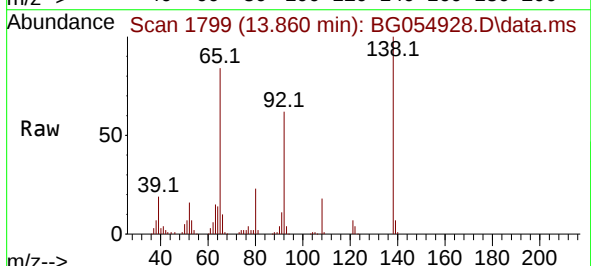
Tgt Ion: 65 Resp: 80276

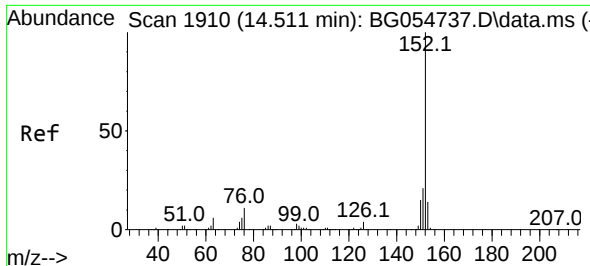
Ion Ratio Lower Upper

65 100

92 73.7 54.7 82.1

138 119.2 84.1 126.1

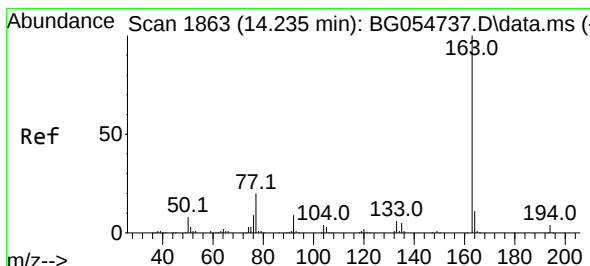
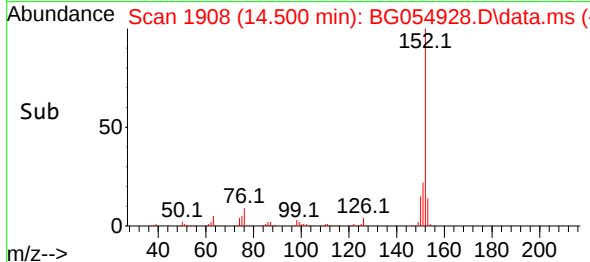
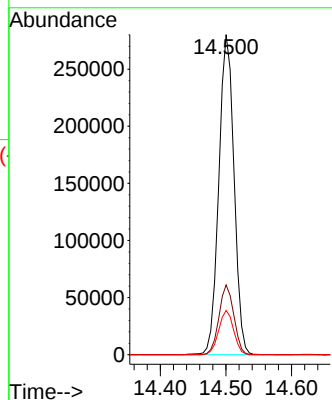
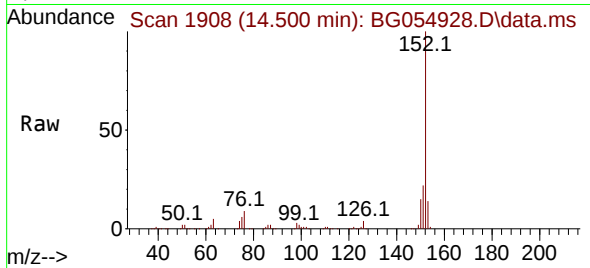




#49  
Acenaphthylene  
Concen: 46.520 ng  
RT: 14.500 min Scan# 1910  
Delta R.T. -0.009 min  
Lab File: BG054928.D  
Acq: 13 Sep 2022 19:02

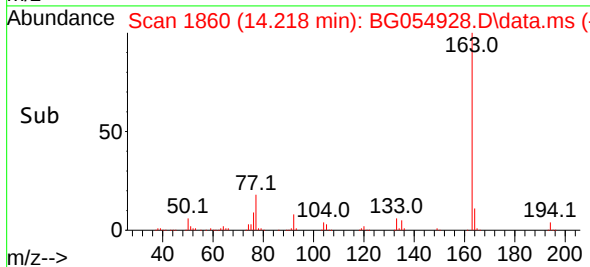
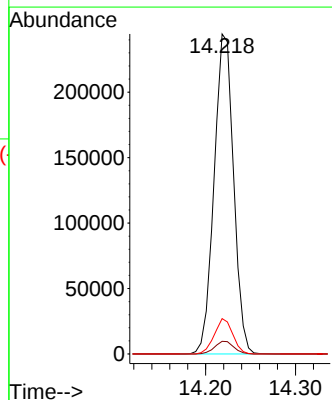
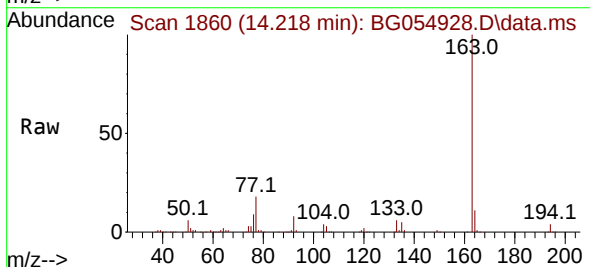
Instrument :  
BNA\_G  
ClientSampleId :  
CHERRY-HILL-COMP-3MSD

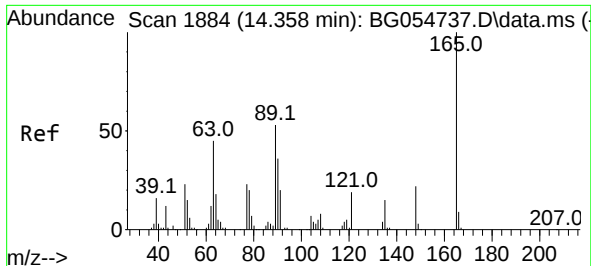
Tgt Ion:152 Resp: 448871  
Ion Ratio Lower Upper  
152 100  
151 21.8 17.3 25.9  
153 13.8 10.8 16.2



#50  
Dimethylphthalate  
Concen: 46.080 ng  
RT: 14.218 min Scan# 1860  
Delta R.T. -0.009 min  
Lab File: BG054928.D  
Acq: 13 Sep 2022 19:02

Tgt Ion:163 Resp: 368062  
Ion Ratio Lower Upper  
163 100  
194 3.9 3.0 4.4  
164 11.0 8.0 12.0

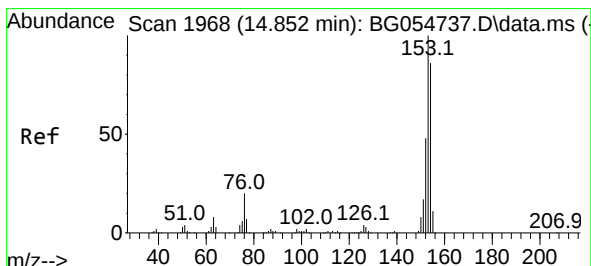
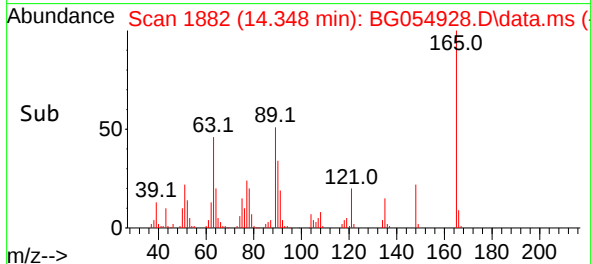
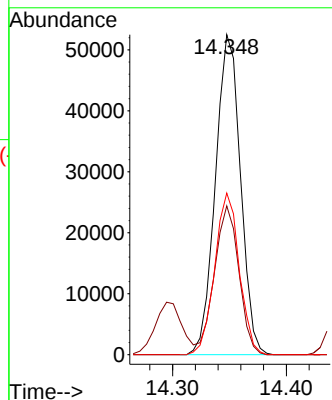
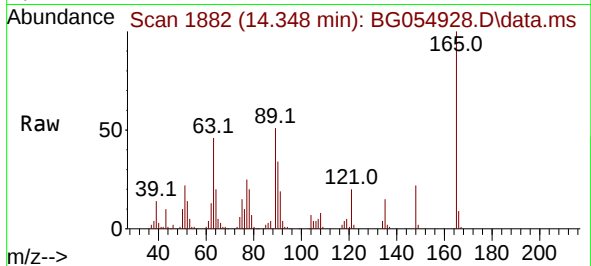




#51  
2,6-Dinitrotoluene  
Concen: 49.156 ng  
RT: 14.348 min Scan# 1882  
Delta R.T. -0.009 min  
Lab File: BG054928.D  
Acq: 13 Sep 2022 19:02

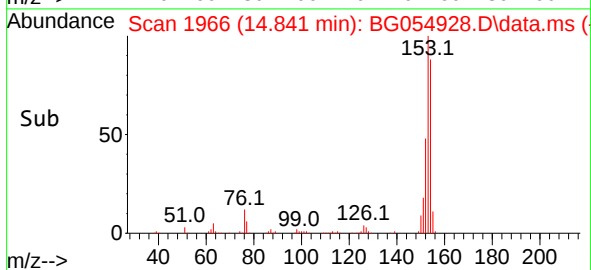
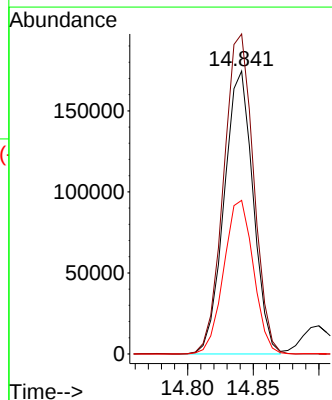
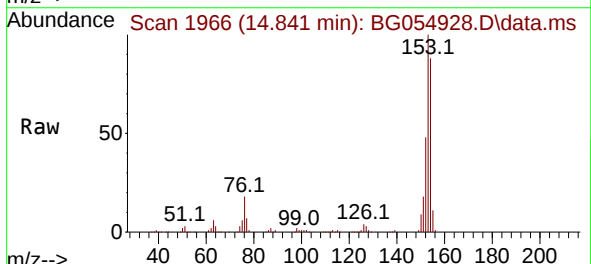
Instrument :  
BNA\_G  
ClientSampleId :  
CHERRY-HILL-COMP-3MSD

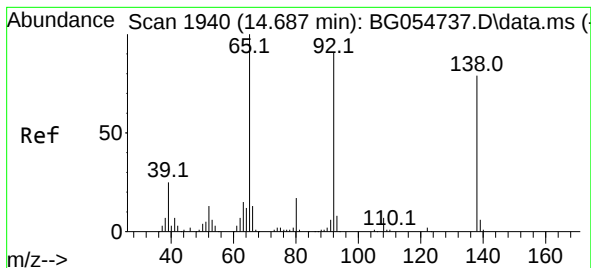
Tgt Ion:165 Resp: 80309  
Ion Ratio Lower Upper  
165 100  
63 46.5 46.0 69.0  
89 50.5 50.3 75.5



#52  
Acenaphthene  
Concen: 43.285 ng  
RT: 14.841 min Scan# 1966  
Delta R.T. -0.003 min  
Lab File: BG054928.D  
Acq: 13 Sep 2022 19:02

Tgt Ion:154 Resp: 268280  
Ion Ratio Lower Upper  
154 100  
153 113.1 92.8 139.2  
152 54.3 45.4 68.2

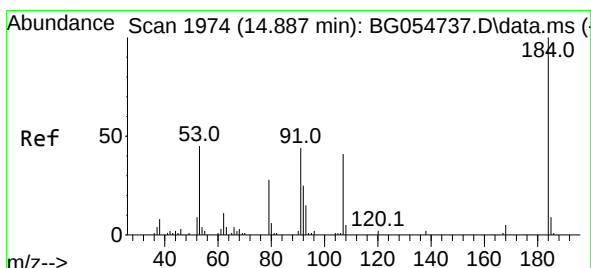
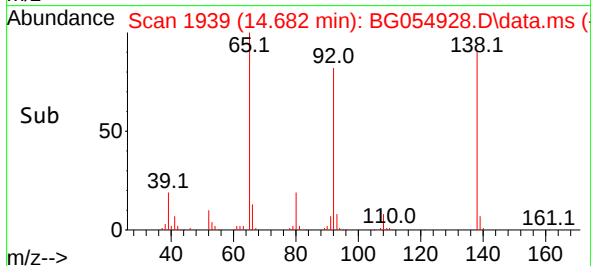
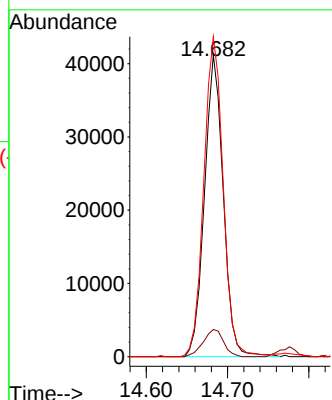
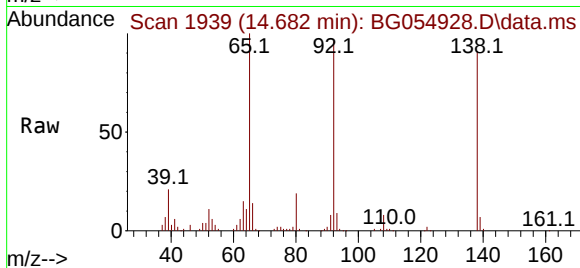




#53  
3-Nitroaniline  
Concen: 36.110 ng  
RT: 14.682 min Scan# 1939  
Delta R.T. -0.009 min  
Lab File: BG054928.D  
Acq: 13 Sep 2022 19:02

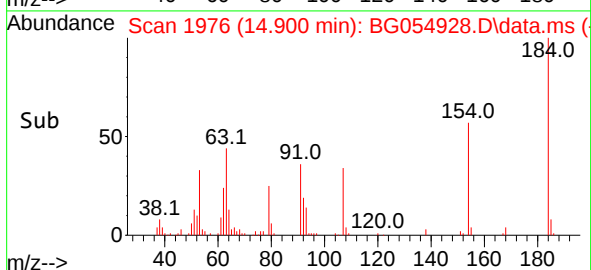
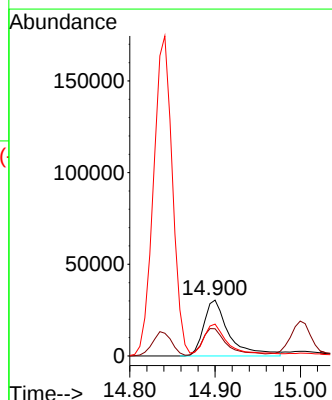
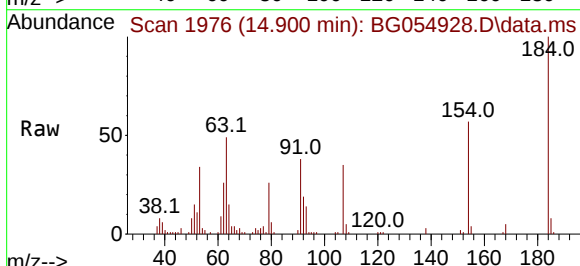
Instrument :  
BNA\_G  
ClientSampleId :  
CHERRY-HILL-COMP-3MSD

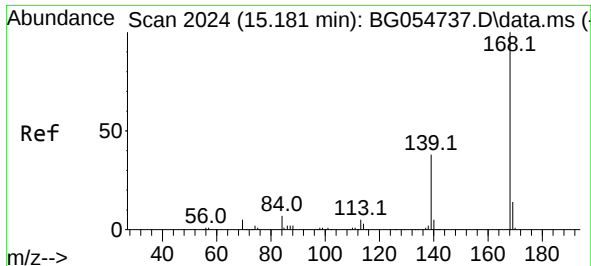
Tgt Ion:138 Resp: 66041  
Ion Ratio Lower Upper  
138 100  
108 9.0 7.6 11.4  
92 106.0 96.0 144.0



#54  
2,4-Dinitrophenol  
Concen: 68.913 ng  
RT: 14.900 min Scan# 1976  
Delta R.T. -0.003 min  
Lab File: BG054928.D  
Acq: 13 Sep 2022 19:02

Tgt Ion:184 Resp: 62605  
Ion Ratio Lower Upper  
184 100  
63 48.7 41.8 62.8  
154 56.9 45.2 67.8

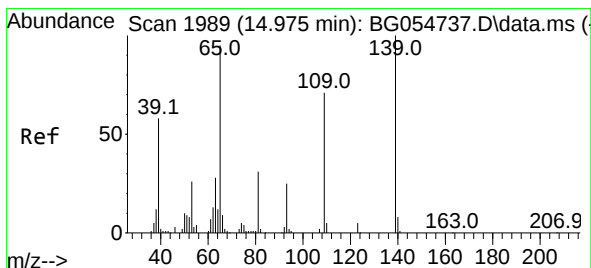
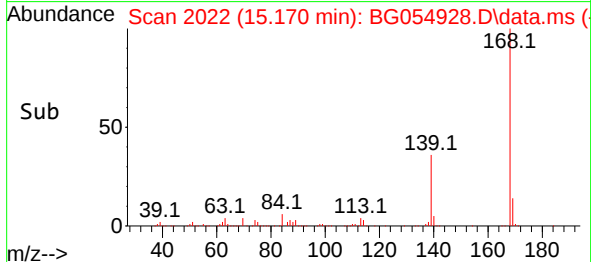
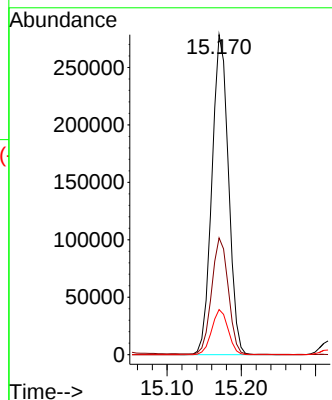
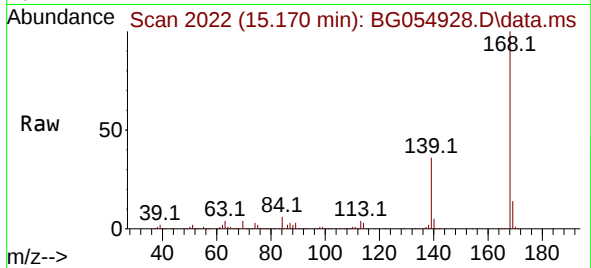




#55  
Dibenzofuran  
Concen: 47.351 ng  
RT: 15.170 min Scan# 20  
Delta R.T. -0.009 min  
Lab File: BG054928.D  
Acq: 13 Sep 2022 19:02

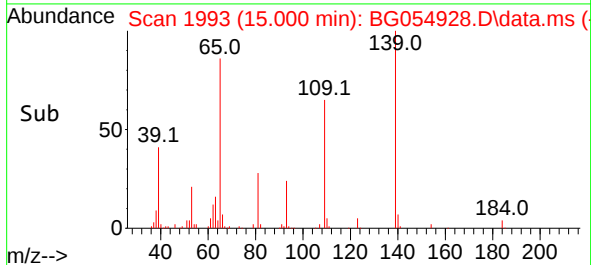
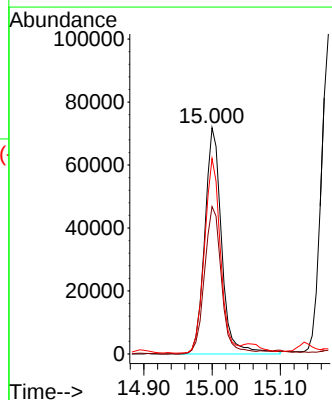
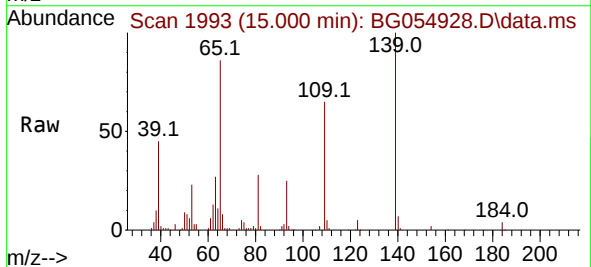
Instrument :  
BNA\_G  
ClientSampleId :  
CHERRY-HILL-COMP-3MSD

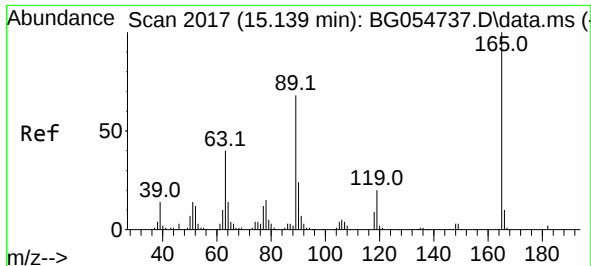
Tgt Ion:168 Resp: 431248  
Ion Ratio Lower Upper  
168 100  
139 36.5 30.2 45.2  
169 14.1 11.3 16.9



#56  
4-Nitrophenol  
Concen: 87.507 ng  
RT: 15.000 min Scan# 1993  
Delta R.T. -0.003 min  
Lab File: BG054928.D  
Acq: 13 Sep 2022 19:02

Tgt Ion:139 Resp: 123850  
Ion Ratio Lower Upper  
139 100  
109 65.1 50.5 90.5  
65 86.4 79.9 119.9

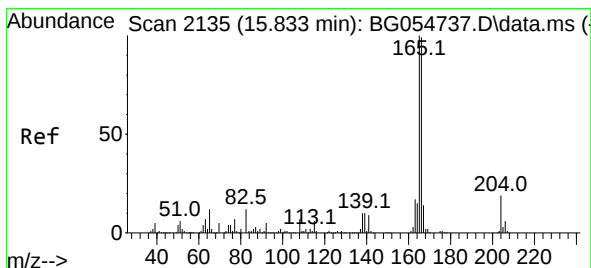
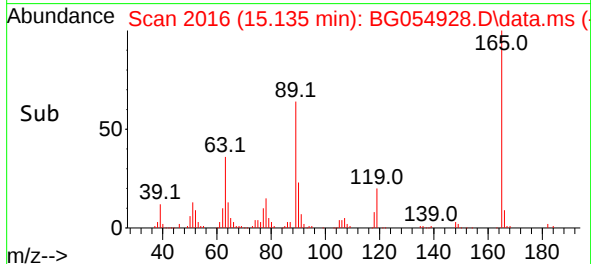
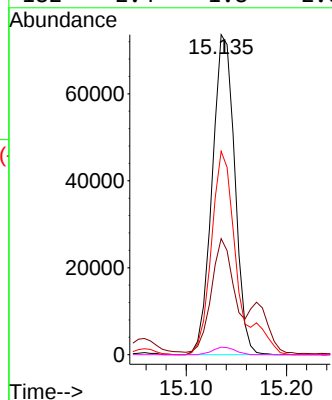
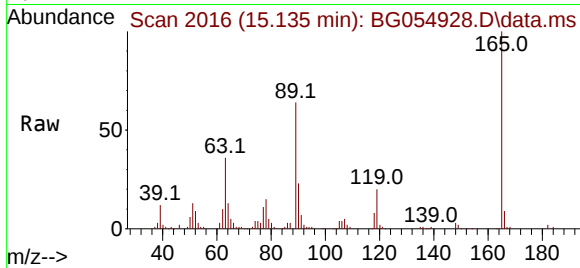




#57  
2,4-Dinitrotoluene  
Concen: 50.949 ng  
RT: 15.135 min Scan# 2017  
Delta R.T. -0.009 min  
Lab File: BG054928.D  
Acq: 13 Sep 2022 19:02

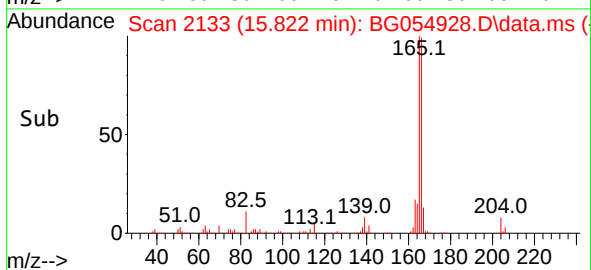
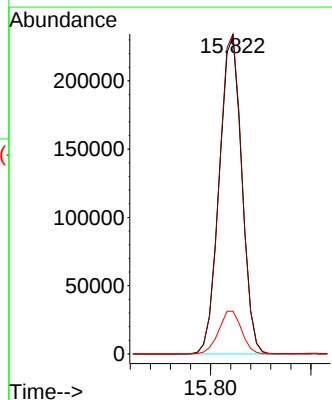
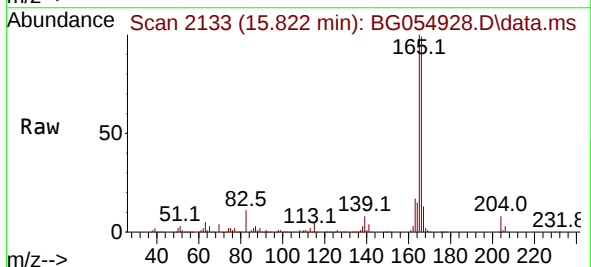
Instrument :  
BNA\_G  
ClientSampleId :  
CHERRY-HILL-COMP-3MSD

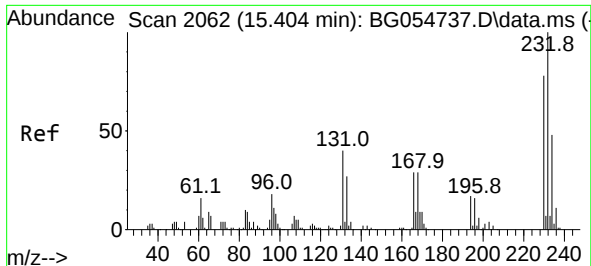
Tgt Ion:165 Resp: 115134  
Ion Ratio Lower Upper  
165 100  
63 36.2 36.8 55.2#  
89 63.6 64.3 96.5#  
182 2.4 1.8 2.6



#58  
Fluorene  
Concen: 47.212 ng  
RT: 15.822 min Scan# 2133  
Delta R.T. -0.003 min  
Lab File: BG054928.D  
Acq: 13 Sep 2022 19:02

Tgt Ion:166 Resp: 362229  
Ion Ratio Lower Upper  
166 100  
165 100.6 80.8 121.2  
167 13.4 11.4 17.0

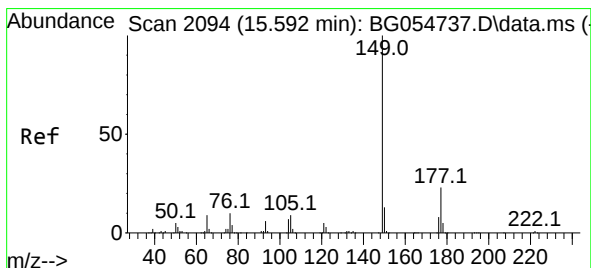
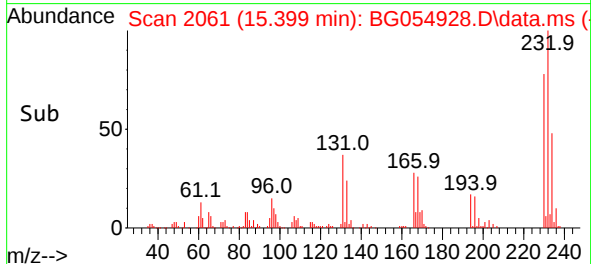
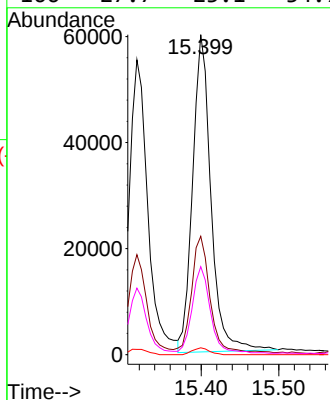
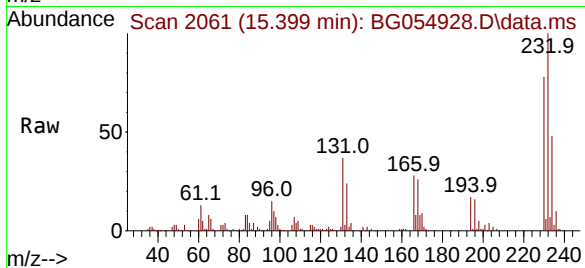




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 46.805 ng  
RT: 15.399 min Scan# 2061  
Delta R.T. -0.003 min  
Lab File: BG054928.D  
Acq: 13 Sep 2022 19:02

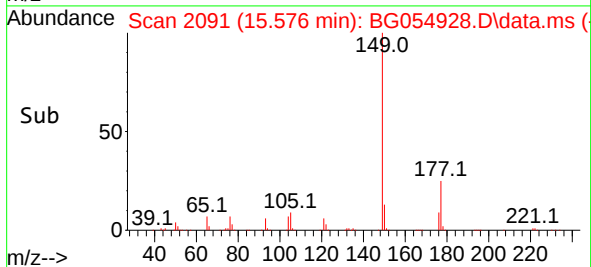
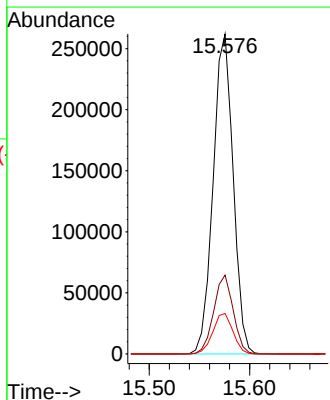
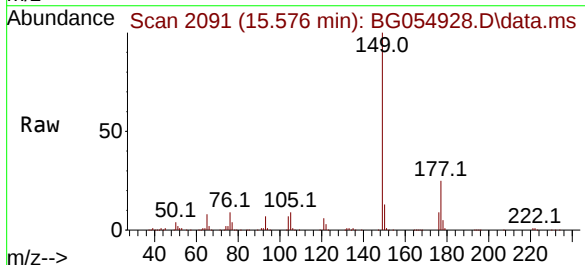
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BNA\_G  
ClientSampleId :  
CHERRY-HILL-COMP-3MSD

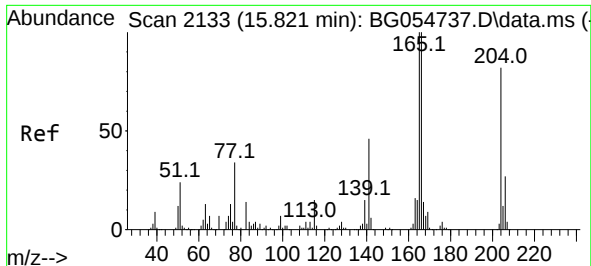
Tgt Ion:232 Resp: 98292  
Ion Ratio Lower Upper  
232 100  
131 37.2 31.3 46.9  
130 2.0 1.8 2.6  
166 27.7 23.1 34.7



#60  
Diethylphthalate  
Concen: 45.405 ng  
RT: 15.576 min Scan# 2091  
Delta R.T. -0.003 min  
Lab File: BG054928.D  
Acq: 13 Sep 2022 19:02

Tgt Ion:149 Resp: 362150  
Ion Ratio Lower Upper  
149 100  
177 24.6 17.8 26.6  
150 12.7 10.1 15.1

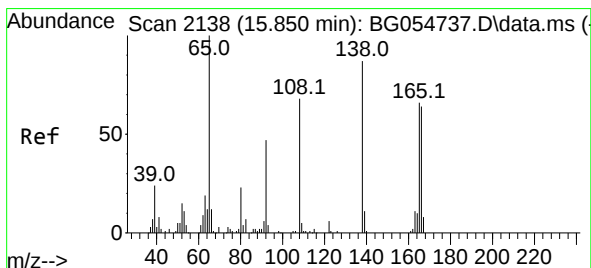
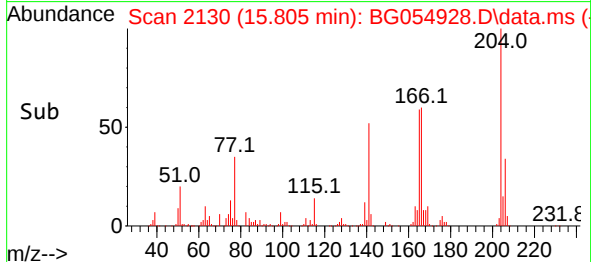
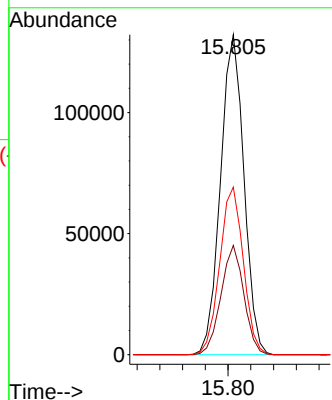
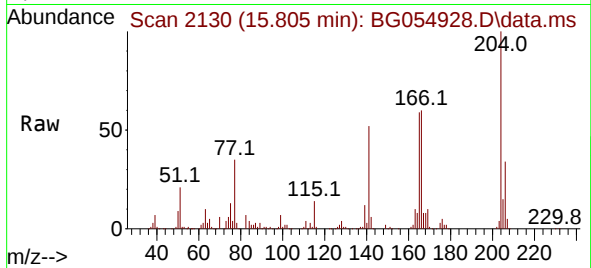




#61  
4-Chlorophenyl-phenylether  
Concen: 49.990 ng  
RT: 15.805 min Scan# 2130  
Delta R.T. -0.009 min  
Lab File: BG054928.D  
Acq: 13 Sep 2022 19:02

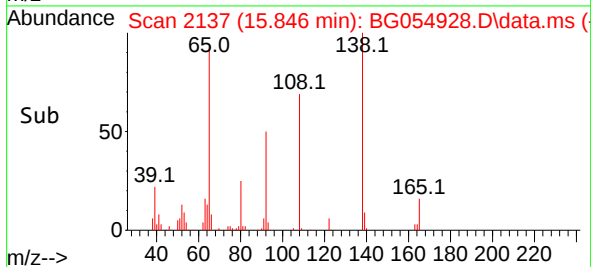
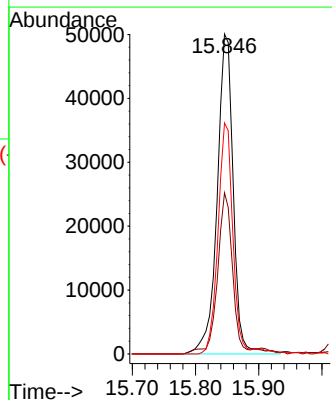
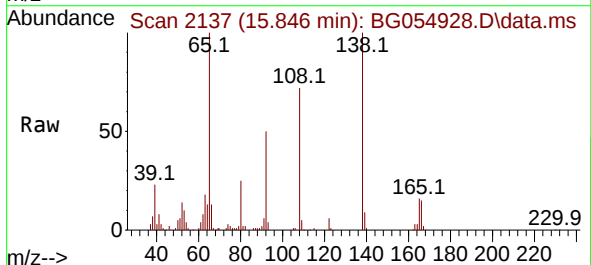
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ClientSampleId :  
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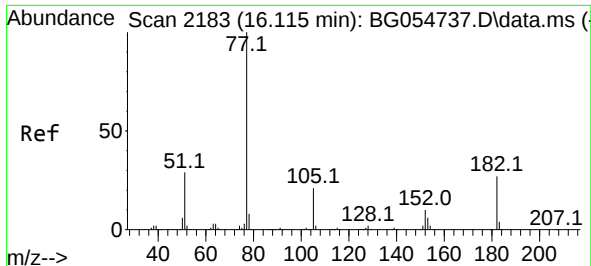
Tgt Ion:204 Resp: 189207  
Ion Ratio Lower Upper  
204 100  
206 34.2 26.6 39.8  
141 52.4 44.9 67.3



#62  
4-Nitroaniline  
Concen: 47.330 ng  
RT: 15.846 min Scan# 2137  
Delta R.T. -0.009 min  
Lab File: BG054928.D  
Acq: 13 Sep 2022 19:02

Tgt Ion:138 Resp: 88377  
Ion Ratio Lower Upper  
138 100  
92 50.3 34.7 74.7  
108 72.2 56.2 96.2

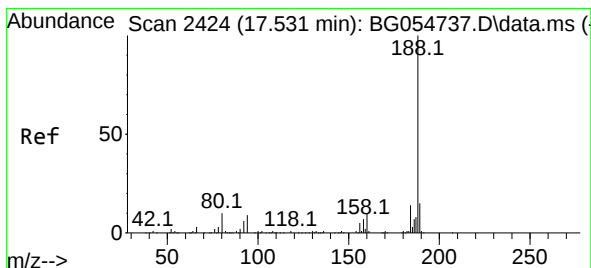
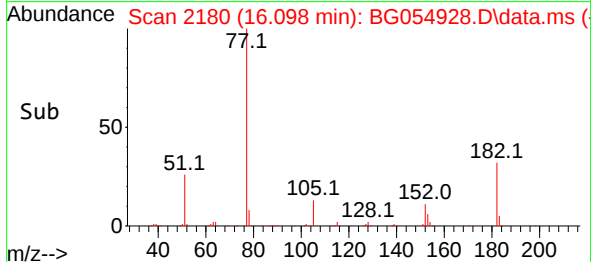
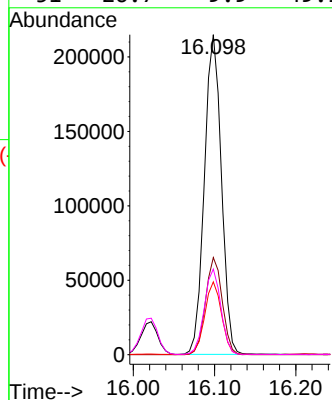
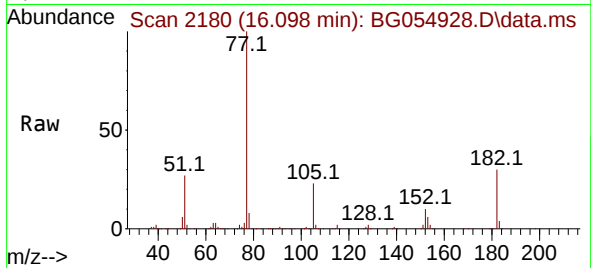




#63  
Azobenzene  
Concen: 41.046 ng  
RT: 16.098 min Scan# 2183  
Delta R.T. -0.009 min  
Lab File: BG054928.D  
Acq: 13 Sep 2022 19:02

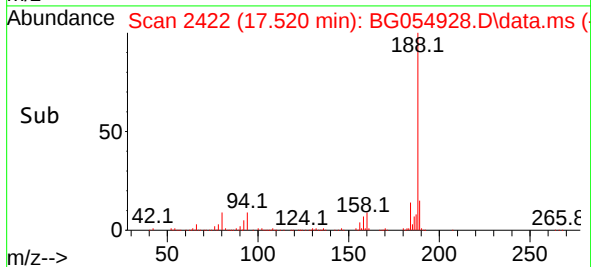
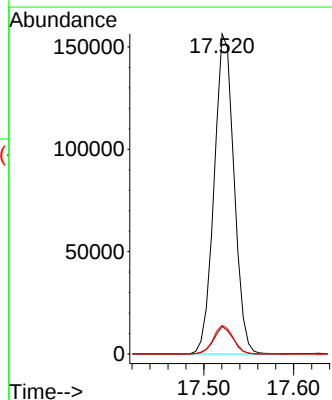
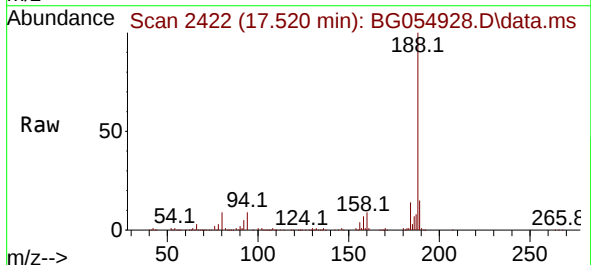
Instrument :  
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ClientSampleId :  
CHERRY-HILL-COMP-3MSD

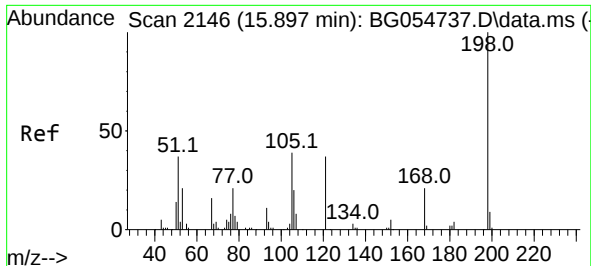
|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 311134 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 30.4    | 5.1 45.1     |
| 105 22.8    | 0.7 40.7     |
| 51 26.7     | 9.9 49.9     |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.520 min Scan# 2422  
Delta R.T. -0.009 min  
Lab File: BG054928.D  
Acq: 13 Sep 2022 19:02

|             |              |
|-------------|--------------|
| Tgt Ion:188 | Resp: 240290 |
| Ion Ratio   | Lower Upper  |
| 188 100     |              |
| 94 8.6      | 7.0 10.4     |
| 80 8.9      | 7.9 11.9     |

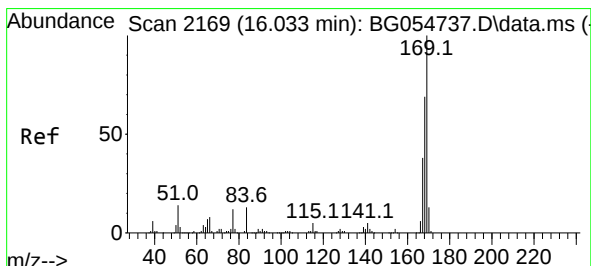
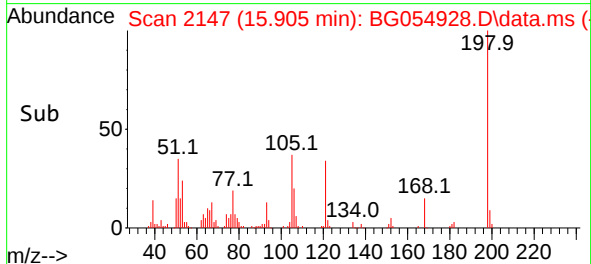
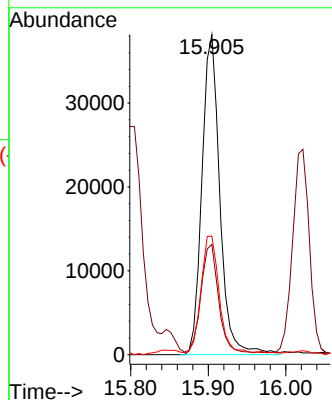
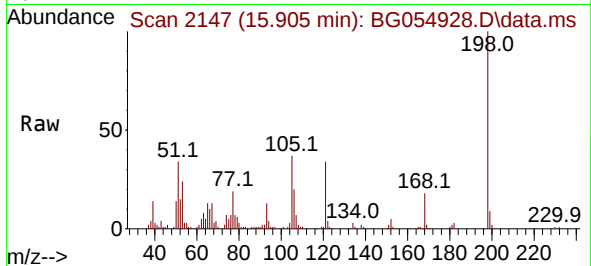




#65  
4,6-Dinitro-2-methylphenol  
Concen: 49.972 ng  
RT: 15.905 min Scan# 2147  
Delta R.T. -0.003 min  
Lab File: BG054928.D  
Acq: 13 Sep 2022 19:02

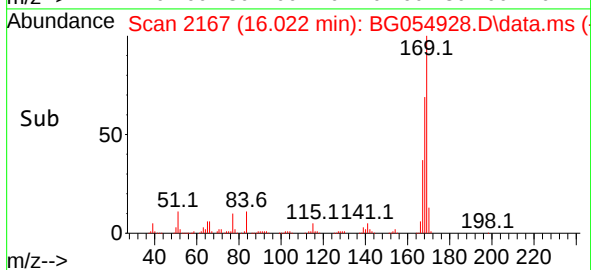
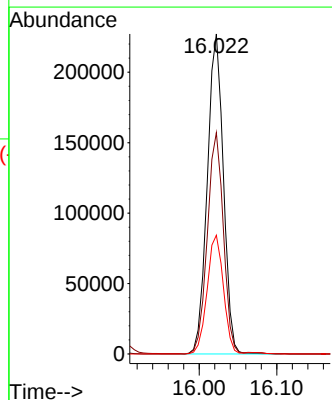
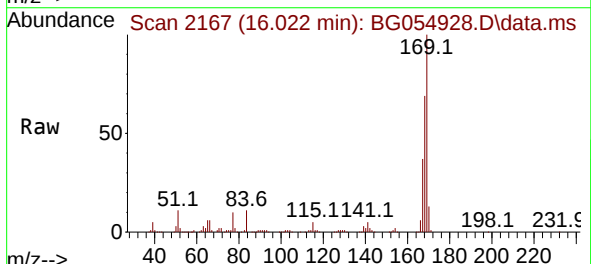
Instrument :  
BNA\_G  
ClientSampleId :  
CHERRY-HILL-COMP-3MSD

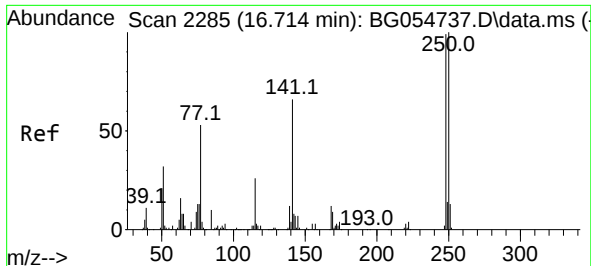
Tgt Ion:198 Resp: 61123  
Ion Ratio Lower Upper  
198 100  
51 34.4 19.9 59.9  
105 37.0 20.3 60.3



#66  
n-Nitrosodiphenylamine  
Concen: 47.219 ng  
RT: 16.022 min Scan# 2167  
Delta R.T. -0.003 min  
Lab File: BG054928.D  
Acq: 13 Sep 2022 19:02

Tgt Ion:169 Resp: 327207  
Ion Ratio Lower Upper  
169 100  
168 69.2 55.6 83.4  
167 37.1 30.9 46.3

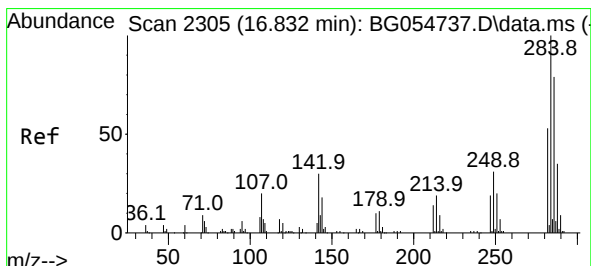
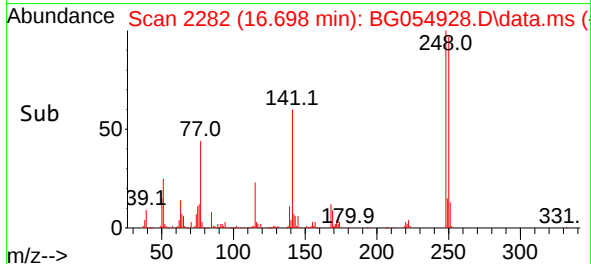
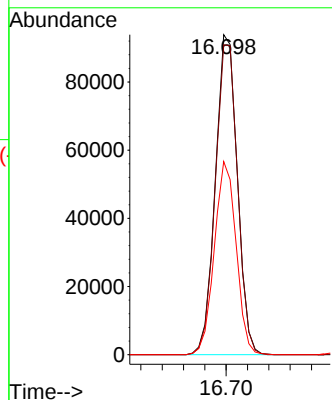
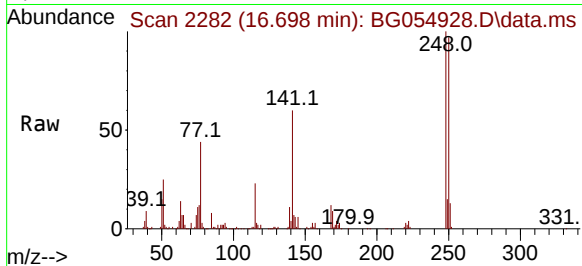




#67  
4-Bromophenyl-phenylether  
Concen: 50.877 ng  
RT: 16.698 min Scan# 21  
Delta R.T. -0.009 min  
Lab File: BG054928.D  
Acq: 13 Sep 2022 19:02

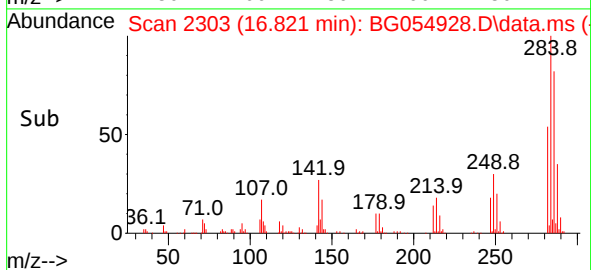
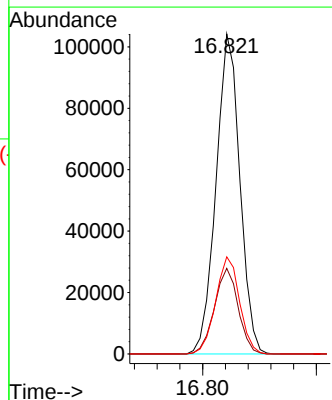
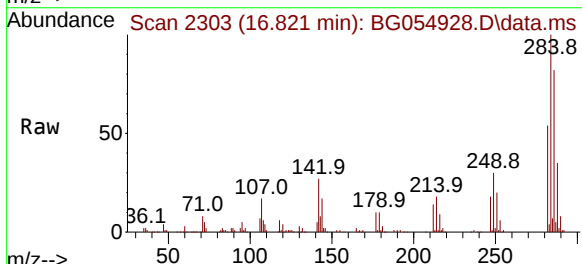
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ClientSampleId :  
CHERRY-HILL-COMP-3MSD

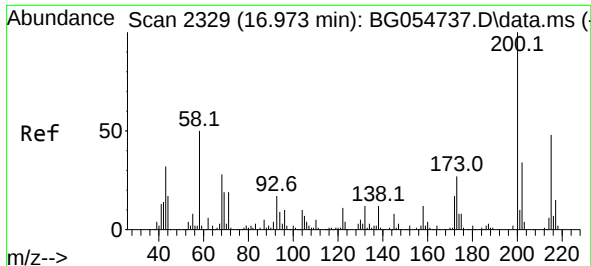
Tgt Ion:248 Resp: 134222  
Ion Ratio Lower Upper  
248 100  
250 96.9 78.8 118.2  
141 60.4 51.9 77.9



#68  
Hexachlorobenzene  
Concen: 51.035 ng  
RT: 16.821 min Scan# 2303  
Delta R.T. -0.009 min  
Lab File: BG054928.D  
Acq: 13 Sep 2022 19:02

Tgt Ion:284 Resp: 151359  
Ion Ratio Lower Upper  
284 100  
142 26.8 25.0 37.6  
249 30.4 24.5 36.7

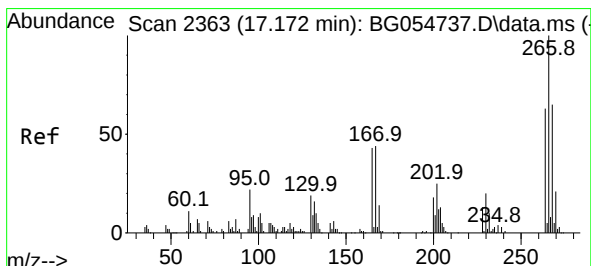
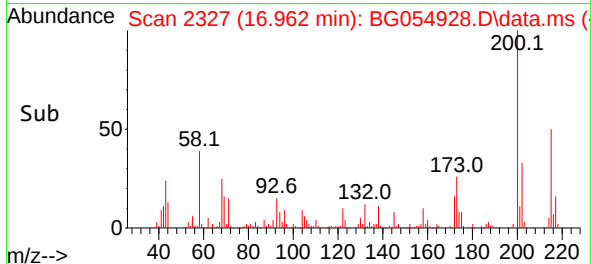
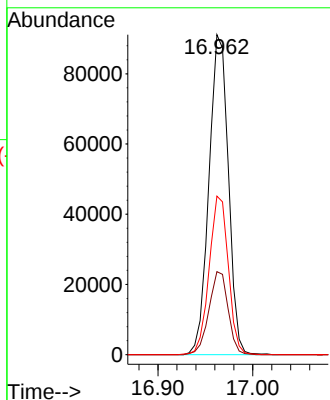
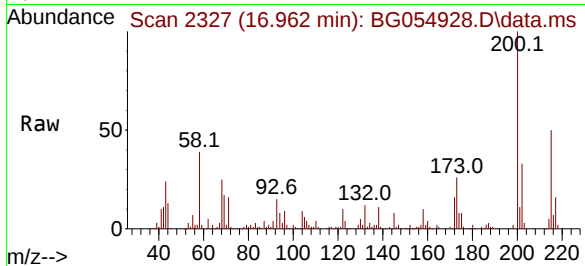




#69  
Atrazine  
Concen: 52.899 ng  
RT: 16.962 min Scan# 21  
Delta R.T. -0.009 min  
Lab File: BG054928.D  
Acq: 13 Sep 2022 19:02

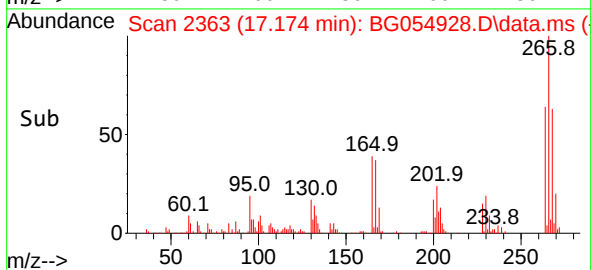
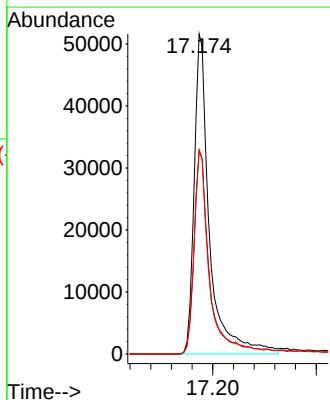
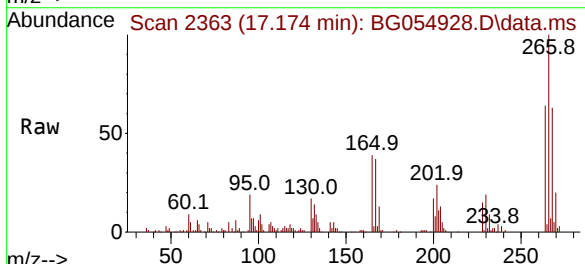
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CHERRY-HILL-COMP-3MSD

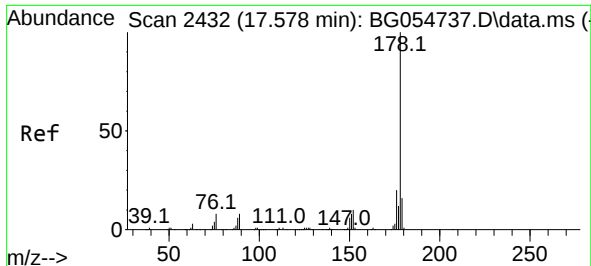
Tgt Ion:200 Resp: 129321  
Ion Ratio Lower Upper  
200 100  
173 26.0 5.6 45.6  
215 49.6 28.2 68.2



#70  
Pentachlorophenol  
Concen: 65.787 ng  
RT: 17.174 min Scan# 2363  
Delta R.T. -0.009 min  
Lab File: BG054928.D  
Acq: 13 Sep 2022 19:02

Tgt Ion:266 Resp: 106010  
Ion Ratio Lower Upper  
266 100  
268 63.5 51.2 76.8  
264 63.8 49.4 74.0

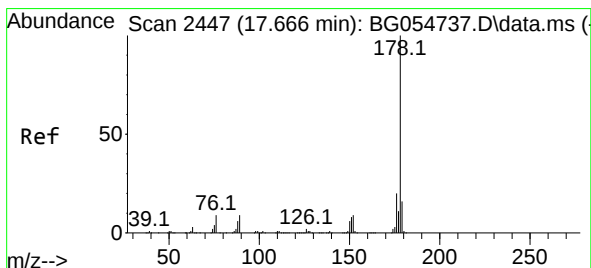
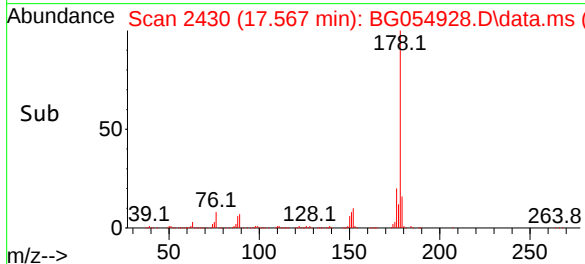
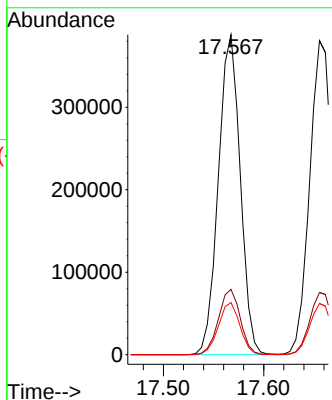
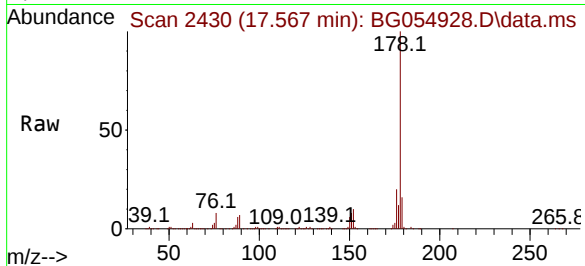




#71  
 Phenanthrene  
 Concen: 45.842 ng  
 RT: 17.567 min Scan# 2432  
 Delta R.T. -0.003 min  
 Lab File: BG054928.D  
 Acq: 13 Sep 2022 19:02

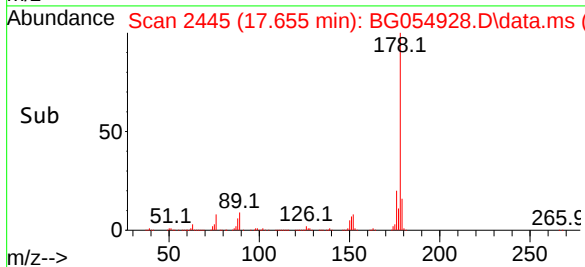
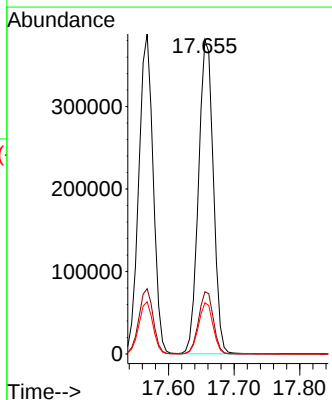
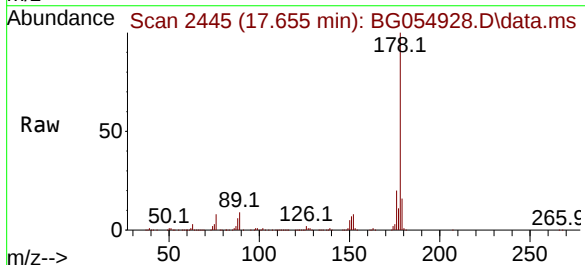
Instrument :  
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 ClientSampleId :  
 CHERRY-HILL-COMP-3MSD

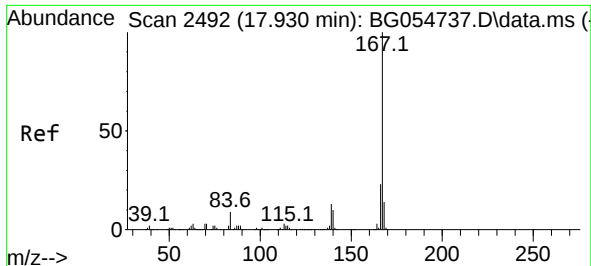
Tgt Ion:178 Resp: 586800  
 Ion Ratio Lower Upper  
 178 100  
 176 20.4 16.6 25.0  
 179 16.3 12.8 19.2



#72  
 Anthracene  
 Concen: 48.139 ng  
 RT: 17.655 min Scan# 2445  
 Delta R.T. -0.009 min  
 Lab File: BG054928.D  
 Acq: 13 Sep 2022 19:02

Tgt Ion:178 Resp: 599095  
 Ion Ratio Lower Upper  
 178 100  
 176 19.8 16.2 24.4  
 179 16.3 12.9 19.3

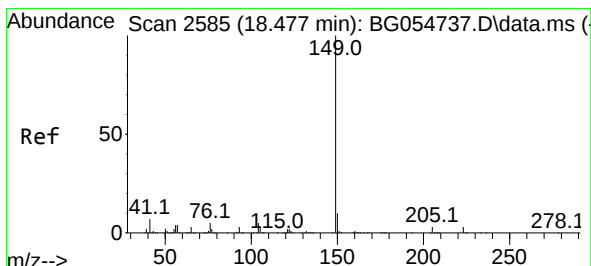
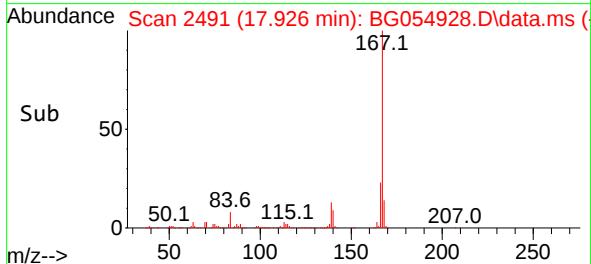
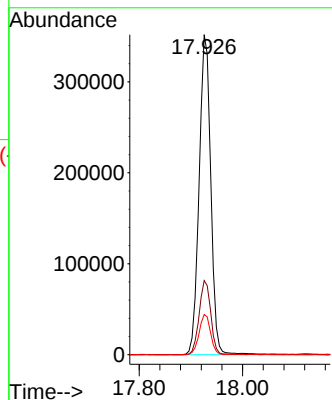
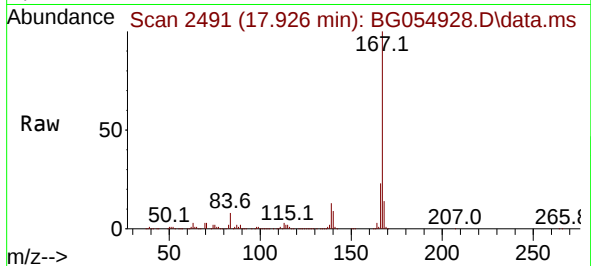




#73  
 Carbazole  
 Concen: 47.964 ng  
 RT: 17.926 min Scan# 2491  
 Delta R.T. -0.009 min  
 Lab File: BG054928.D  
 Acq: 13 Sep 2022 19:02

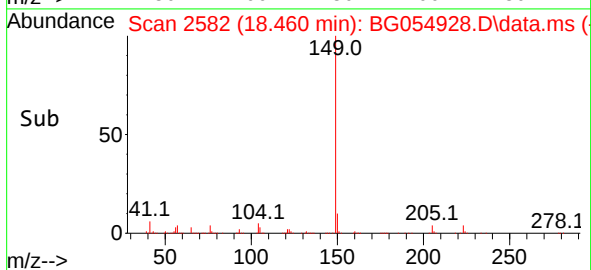
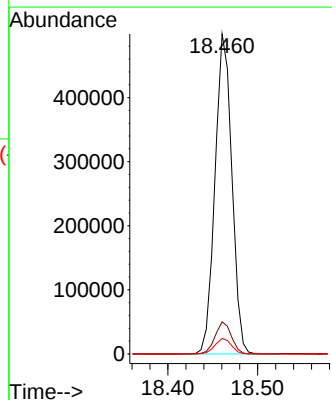
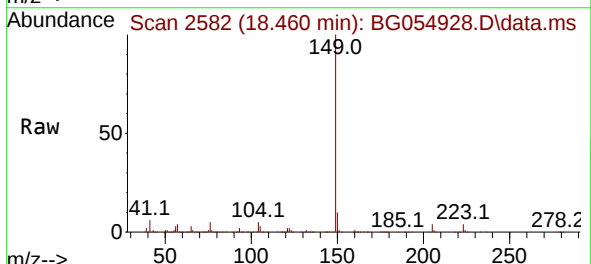
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 CHERRY-HILL-COMP-3MSD

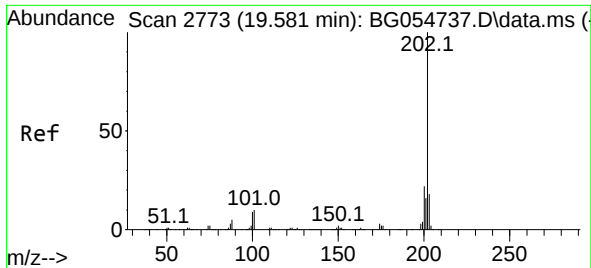
Tgt Ion:167 Resp: 549961  
 Ion Ratio Lower Upper  
 167 100  
 166 23.2 18.8 28.2  
 139 12.5 10.2 15.4



#74  
 Di-n-butylphthalate  
 Concen: 44.901 ng  
 RT: 18.460 min Scan# 2582  
 Delta R.T. -0.009 min  
 Lab File: BG054928.D  
 Acq: 13 Sep 2022 19:02

Tgt Ion:149 Resp: 651481  
 Ion Ratio Lower Upper  
 149 100  
 150 10.1 8.0 12.0  
 104 4.8 4.4 6.6

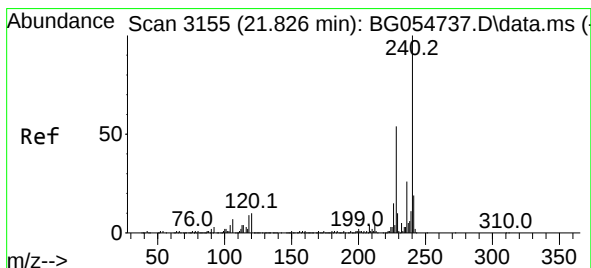
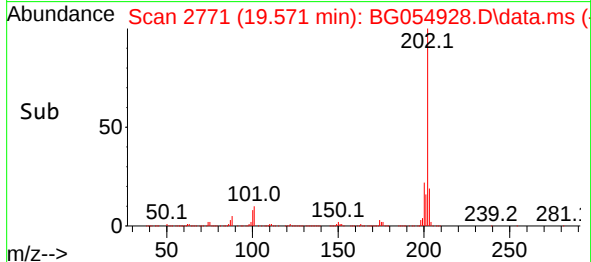
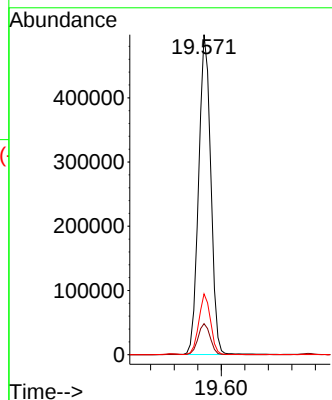
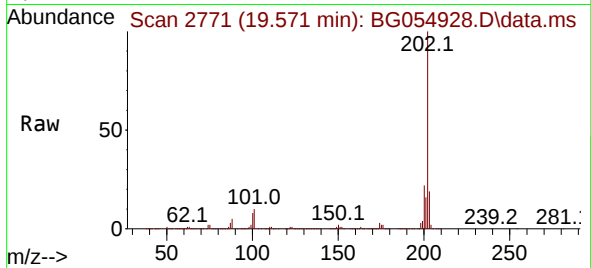




#75  
Fluoranthene  
Concen: 45.640 ng  
RT: 19.571 min Scan# 21  
Delta R.T. -0.009 min  
Lab File: BG054928.D  
Acq: 13 Sep 2022 19:02

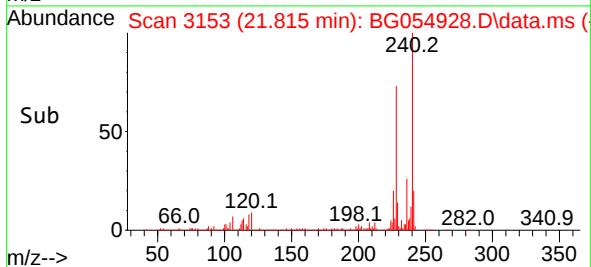
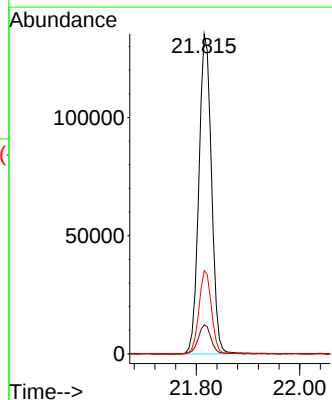
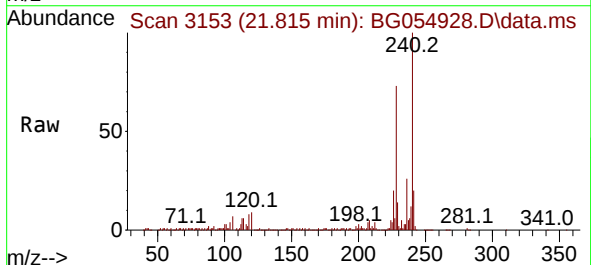
Instrument :  
BNA\_G  
ClientSampleId :  
CHERRY-HILL-COMP-3MSD

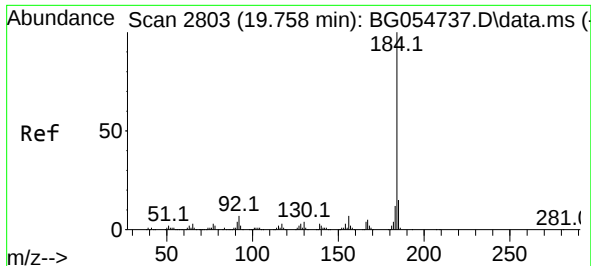
Tgt Ion:202 Resp: 710692  
Ion Ratio Lower Upper  
202 100  
101 9.7 0.0 31.4  
203 19.0 0.0 38.6



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.815 min Scan# 3153  
Delta R.T. -0.009 min  
Lab File: BG054928.D  
Acq: 13 Sep 2022 19:02

Tgt Ion:240 Resp: 229549  
Ion Ratio Lower Upper  
240 100  
120 9.1 8.2 12.4  
236 26.0 21.2 31.8

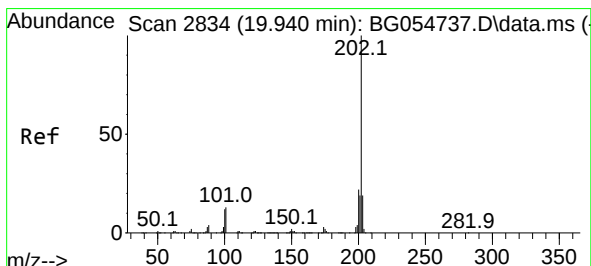
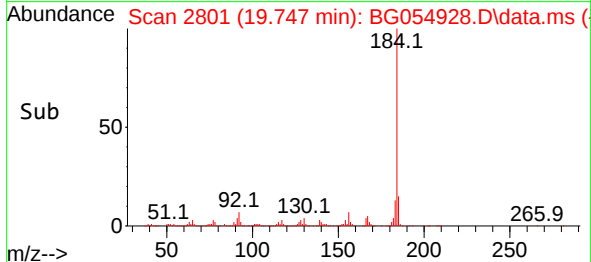
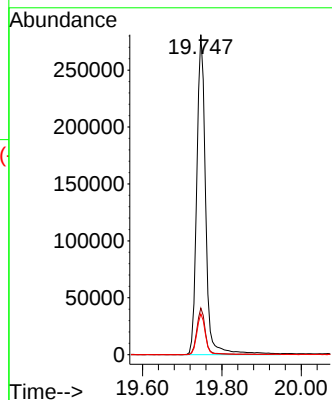
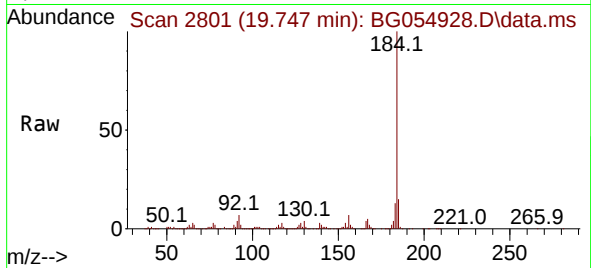




#77  
Benzidine  
Concen: 76.728 ng  
RT: 19.747 min Scan# 2801  
Delta R.T. -0.003 min  
Lab File: BG054928.D  
Acq: 13 Sep 2022 19:02

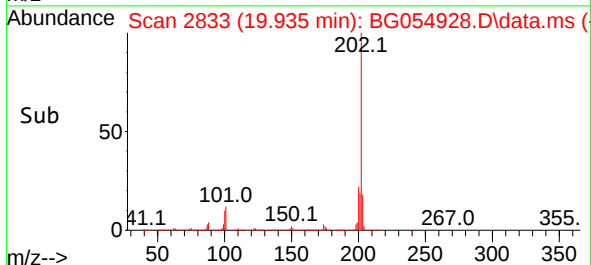
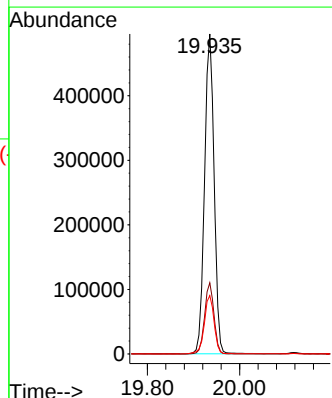
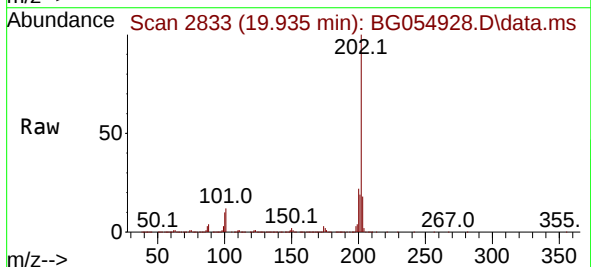
Instrument :  
BNA\_G  
ClientSampleId :  
CHERRY-HILL-COMP-3MSD

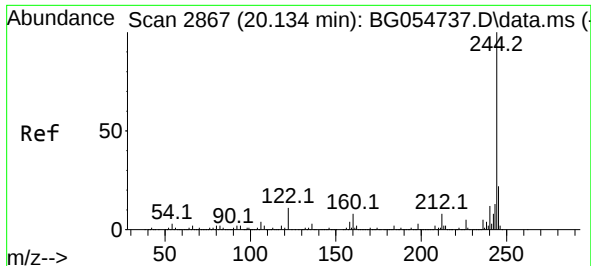
Tgt Ion:184 Resp: 436249  
Ion Ratio Lower Upper  
184 100  
185 14.6 11.4 17.0  
183 12.8 9.8 14.8



#78  
Pyrene  
Concen: 44.984 ng  
RT: 19.935 min Scan# 2833  
Delta R.T. -0.003 min  
Lab File: BG054928.D  
Acq: 13 Sep 2022 19:02

Tgt Ion:202 Resp: 720026  
Ion Ratio Lower Upper  
202 100  
200 22.3 17.8 26.6  
203 18.3 14.6 21.8

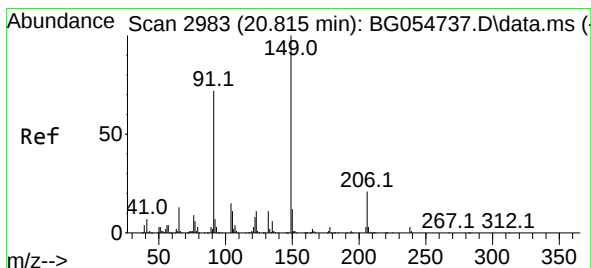
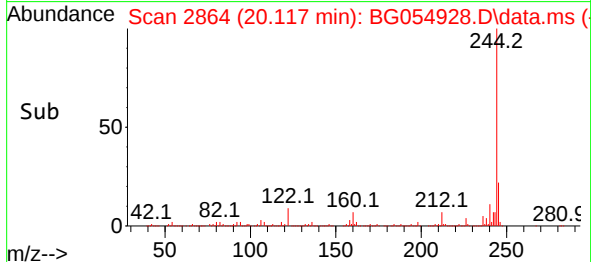
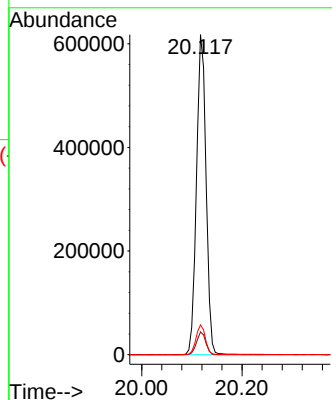
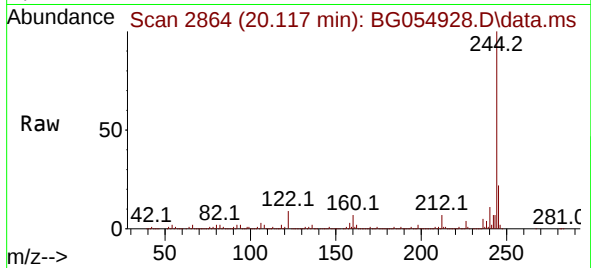




#79  
 Terphenyl-d14  
 Concen: 70.384 ng  
 RT: 20.117 min Scan# 21  
 Delta R.T. -0.009 min  
 Lab File: BG054928.D  
 Acq: 13 Sep 2022 19:02

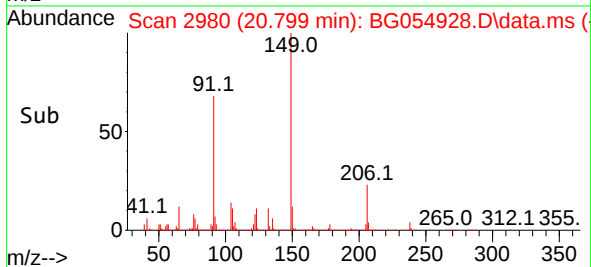
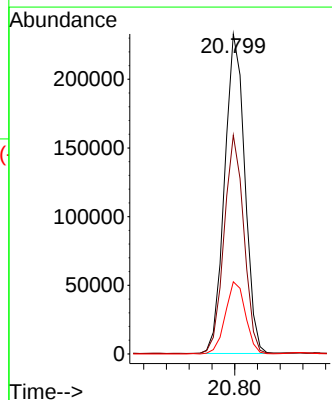
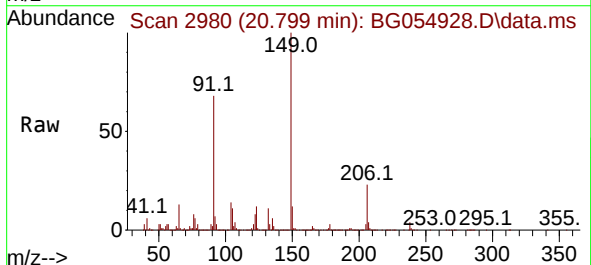
Instrument :  
 BNA\_G  
 ClientSampleId :  
 CHERRY-HILL-COMP-3MSD

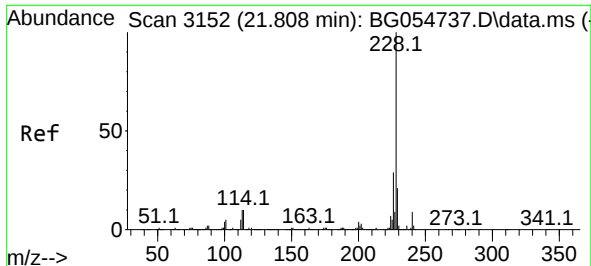
Tgt Ion:244 Resp: 815414  
 Ion Ratio Lower Upper  
 244 100  
 212 7.1 6.2 9.2  
 122 9.3 9.0 13.6



#80  
 Butylbenzylphthalate  
 Concen: 43.025 ng  
 RT: 20.799 min Scan# 2980  
 Delta R.T. -0.009 min  
 Lab File: BG054928.D  
 Acq: 13 Sep 2022 19:02

Tgt Ion:149 Resp: 287255  
 Ion Ratio Lower Upper  
 149 100  
 91 68.3 59.5 89.3  
 206 22.6 16.6 25.0

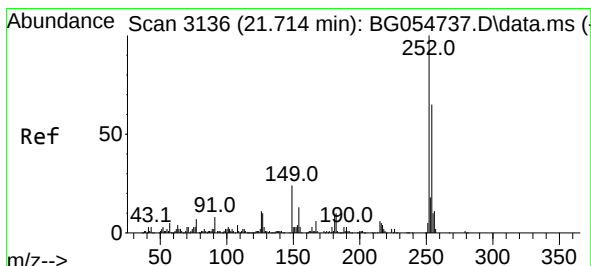
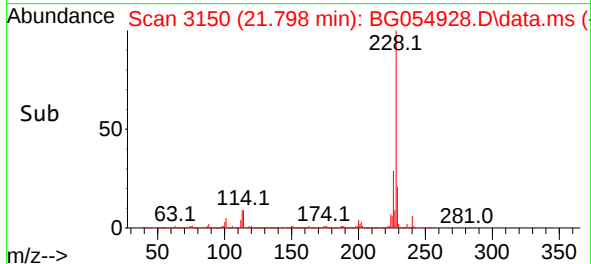
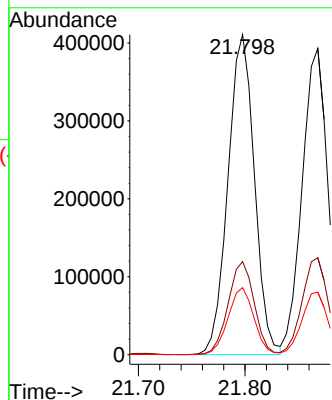
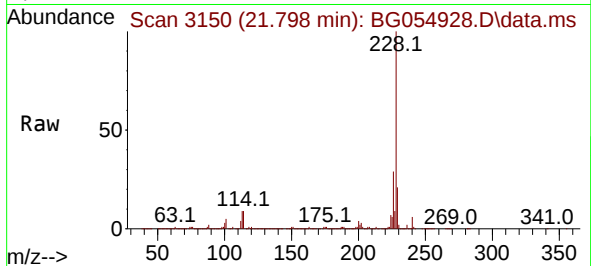




#81  
Benzo(a)anthracene  
Concen: 45.488 ng  
RT: 21.798 min Scan# 3152  
Delta R.T. -0.009 min  
Lab File: BG054928.D  
Acq: 13 Sep 2022 19:02

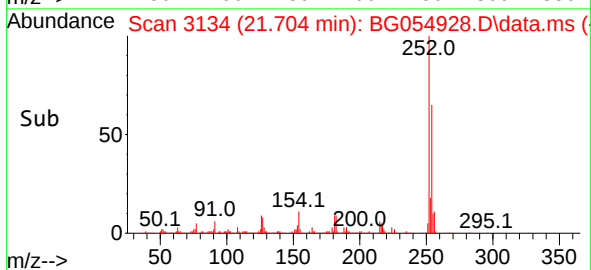
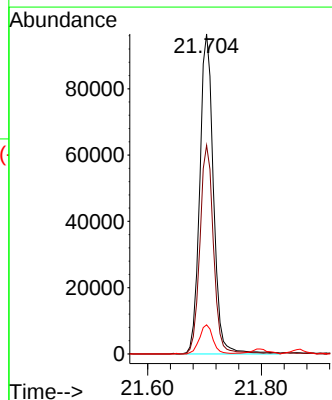
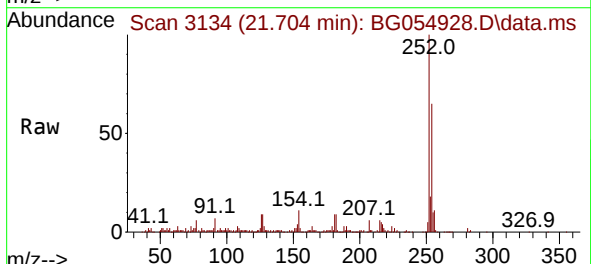
Instrument :  
BNA\_G  
ClientSampleId :  
CHERRY-HILL-COMP-3MSD

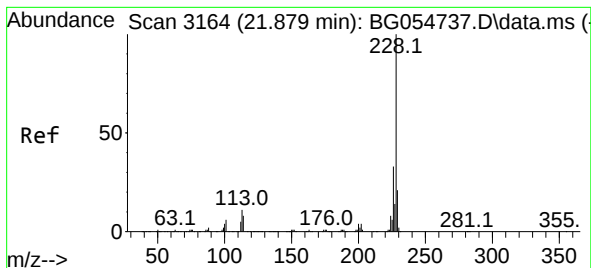
Tgt Ion:228 Resp: 707980  
Ion Ratio Lower Upper  
228 100  
226 29.1 23.4 35.2  
229 20.9 16.5 24.7



#82  
3,3'-Dichlorobenzidine  
Concen: 29.679 ng  
RT: 21.704 min Scan# 3134  
Delta R.T. -0.009 min  
Lab File: BG054928.D  
Acq: 13 Sep 2022 19:02

Tgt Ion:252 Resp: 161955  
Ion Ratio Lower Upper  
252 100  
254 65.2 51.4 77.2  
126 9.1 8.2 12.2





#83

Chrysene

Concen: 44.305 ng

RT: 21.868 min Scan# 3162

Delta R.T. -0.003 min

Lab File: BG054928.D

Acq: 13 Sep 2022 19:02

Instrument :

BNA\_G

ClientSampleId :

CHERRY-HILL-COMP-3MSD

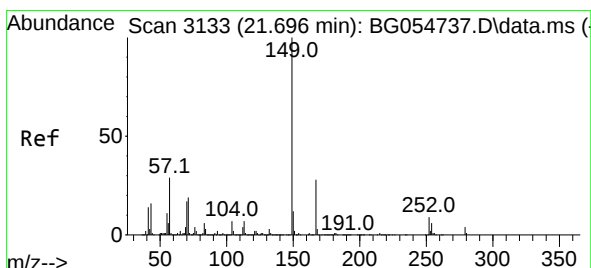
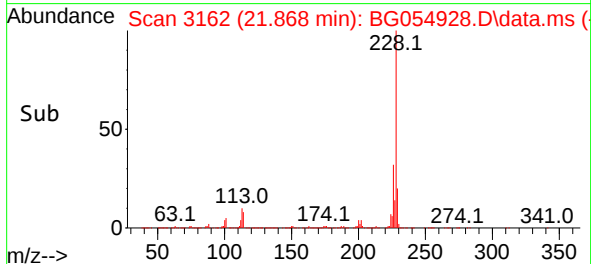
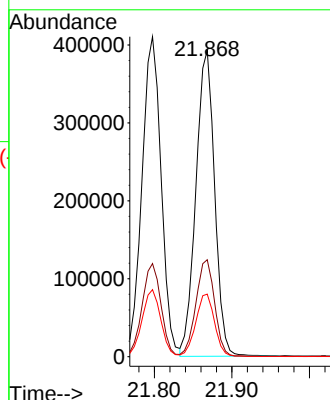
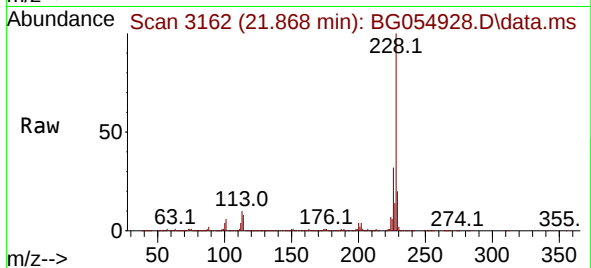
Tgt Ion:228 Resp: 659327

Ion Ratio Lower Upper

228 100

226 31.6 25.5 38.3

229 20.4 16.8 25.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.626 ng

RT: 21.668 min Scan# 3128

Delta R.T. -0.009 min

Lab File: BG054928.D

Acq: 13 Sep 2022 19:02

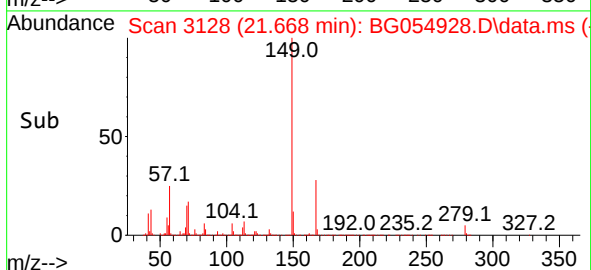
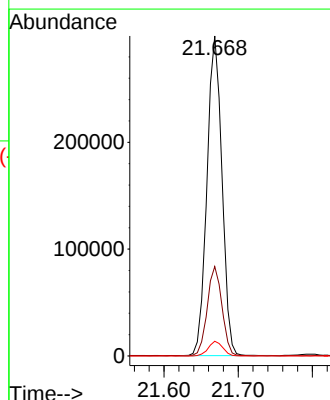
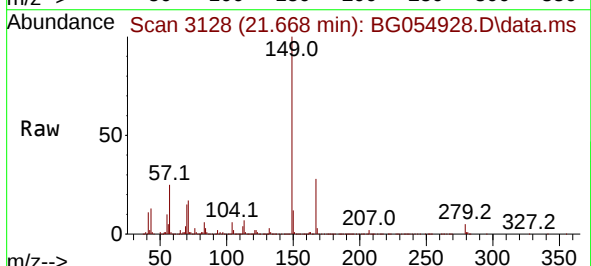
Tgt Ion:149 Resp: 419645

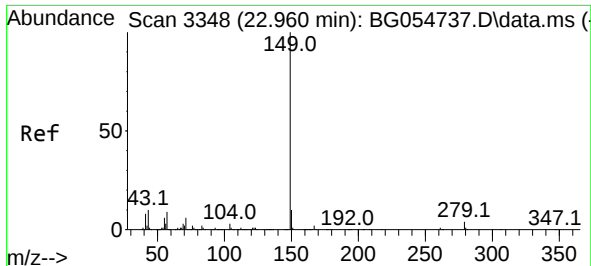
Ion Ratio Lower Upper

149 100

167 28.0 21.4 32.0

279 4.6 3.1 4.7

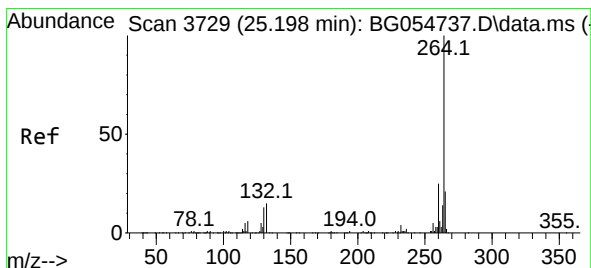
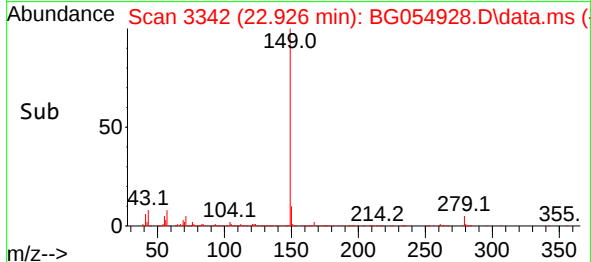
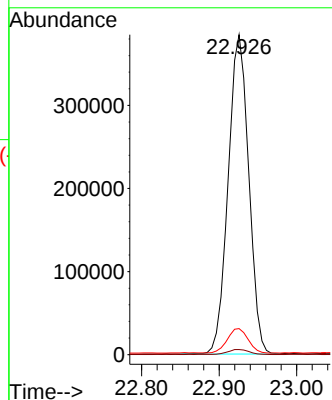
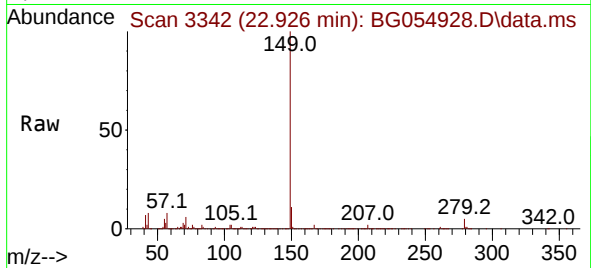




#85  
Di-n-octyl phthalate  
Concen: 43.505 ng  
RT: 22.926 min Scan# 31  
Delta R.T. -0.009 min  
Lab File: BG054928.D  
Acq: 13 Sep 2022 19:02

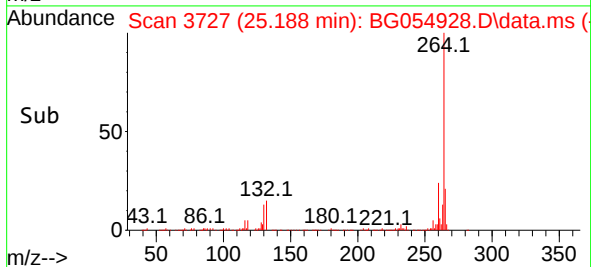
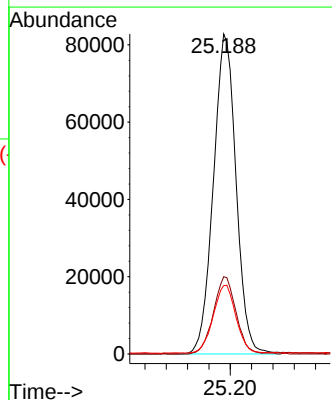
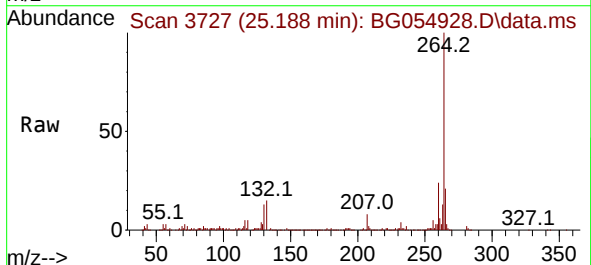
Instrument :  
BNA\_G  
ClientSampleId :  
CHERRY-HILL-COMP-3MSD

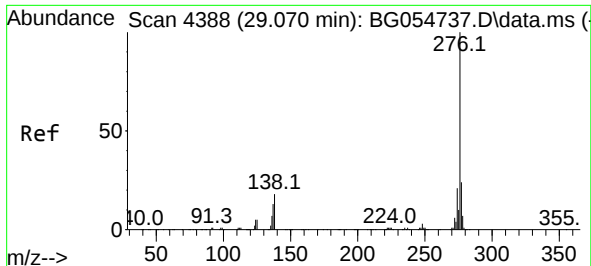
Tgt Ion:149 Resp: 709677  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.2 1.8  
43 7.7 9.0 13.6#



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.188 min Scan# 3727  
Delta R.T. -0.015 min  
Lab File: BG054928.D  
Acq: 13 Sep 2022 19:02

Tgt Ion:264 Resp: 244350  
Ion Ratio Lower Upper  
264 100  
260 24.1 19.9 29.9  
265 21.4 16.9 25.3

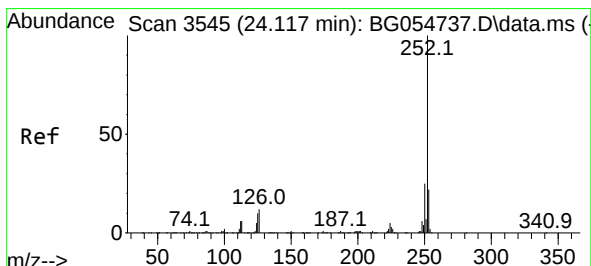
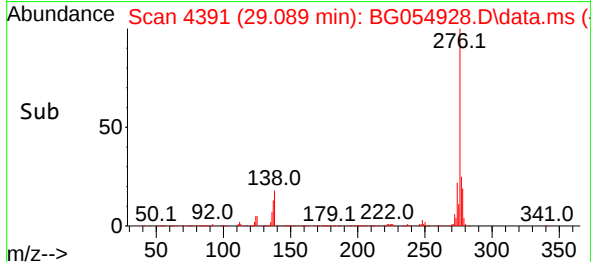
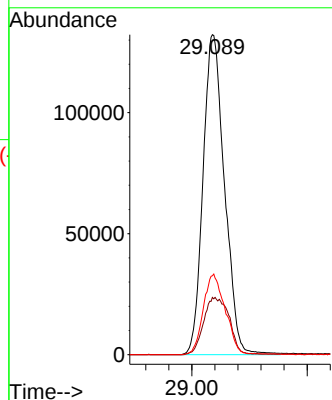
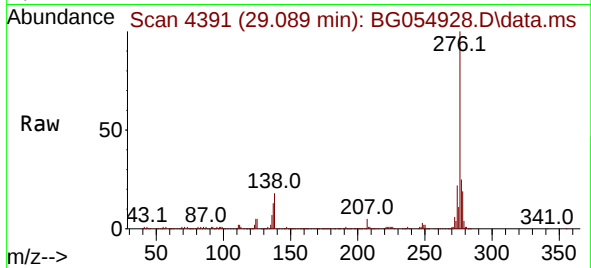




#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 46.205 ng  
 RT: 29.089 min Scan# 41  
 Delta R.T. -0.021 min  
 Lab File: BG054928.D  
 Acq: 13 Sep 2022 19:02

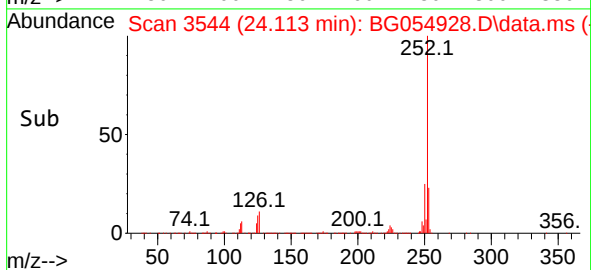
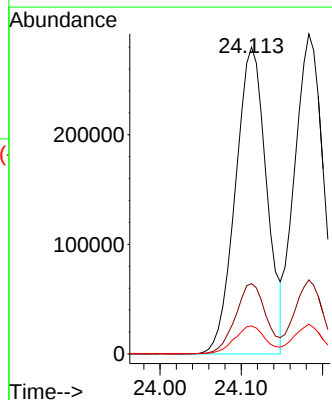
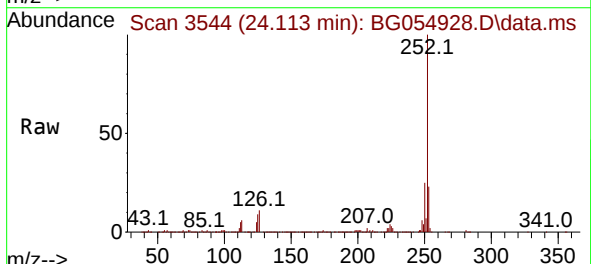
Instrument :  
 BNA\_G  
 ClientSampleId :  
 CHERRY-HILL-COMP-3MSD

Tgt Ion:276 Resp: 857116  
 Ion Ratio Lower Upper  
 276 100  
 138 21.2 12.0 18.0#  
 277 25.6 20.2 30.4



#88  
 Benzo(b)fluoranthene  
 Concen: 48.826 ng  
 RT: 24.113 min Scan# 3544  
 Delta R.T. -0.009 min  
 Lab File: BG054928.D  
 Acq: 13 Sep 2022 19:02

Tgt Ion:252 Resp: 748422  
 Ion Ratio Lower Upper  
 252 100  
 253 22.9 18.0 27.0  
 125 9.1 8.1 12.1

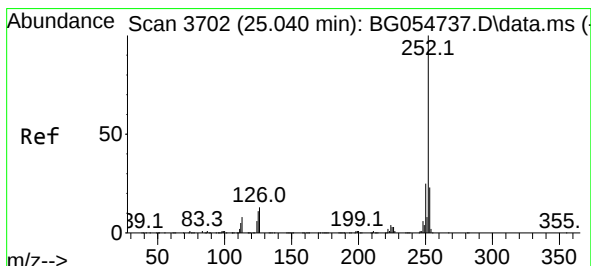
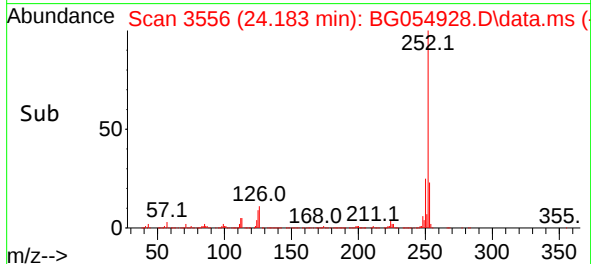
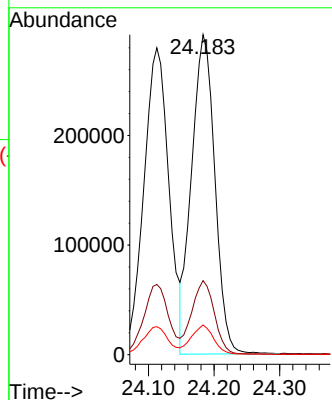
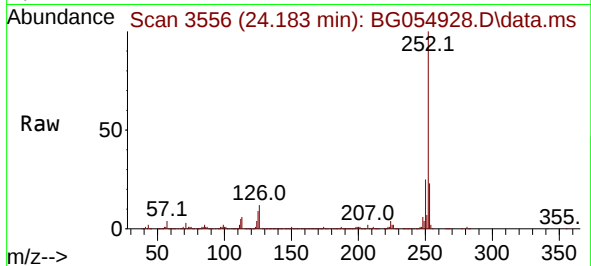




#89  
Benzo(k)fluoranthene  
Concen: 46.616 ng  
RT: 24.183 min Scan# 31  
Delta R.T. -0.009 min  
Lab File: BG054928.D  
Acq: 13 Sep 2022 19:02

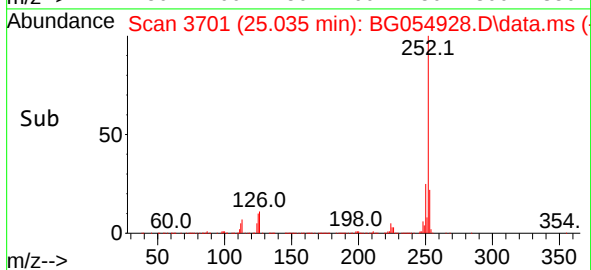
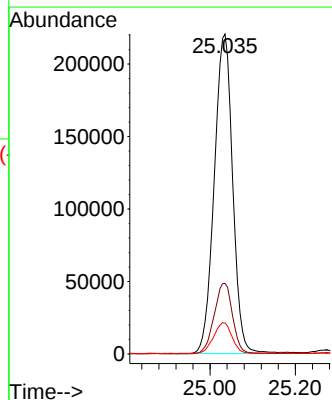
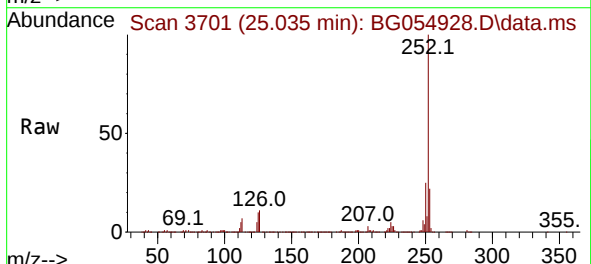
Instrument :  
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CHERRY-HILL-COMP-3MSD

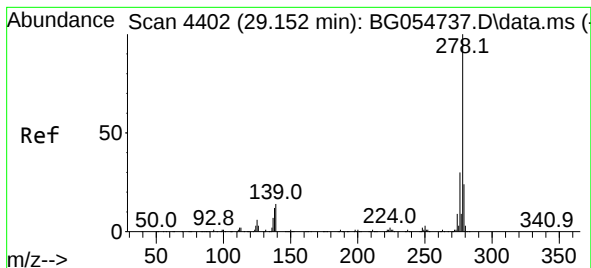
Tgt Ion:252 Resp: 719114  
Ion Ratio Lower Upper  
252 100  
253 23.1 17.8 26.8  
125 9.3 8.2 12.4



#90  
Benzo(a)pyrene  
Concen: 50.613 ng  
RT: 25.035 min Scan# 3701  
Delta R.T. -0.015 min  
Lab File: BG054928.D  
Acq: 13 Sep 2022 19:02

Tgt Ion:252 Resp: 662820  
Ion Ratio Lower Upper  
252 100  
253 22.0 18.3 27.5  
125 9.7 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 48.838 ng

RT: 29.154 min Scan# 4402

Delta R.T. -0.015 min

Lab File: BG054928.D

Acq: 13 Sep 2022 19:02

Instrument :

BNA\_G

ClientSampleId :

CHERRY-HILL-COMP-3MSD

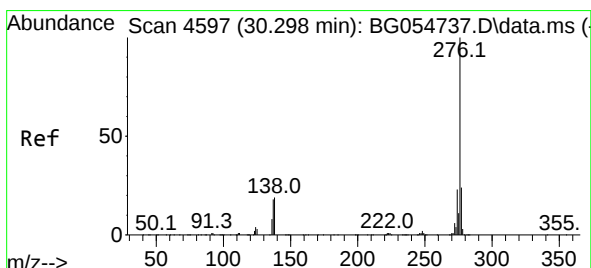
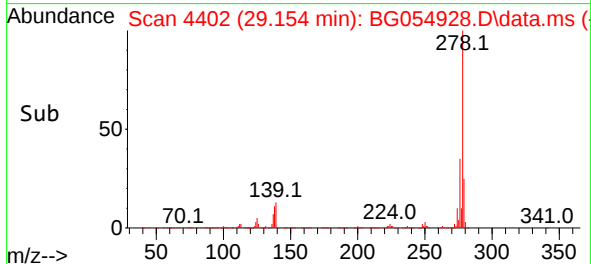
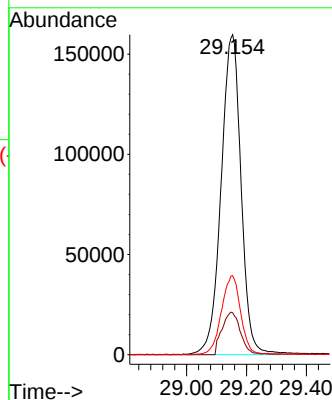
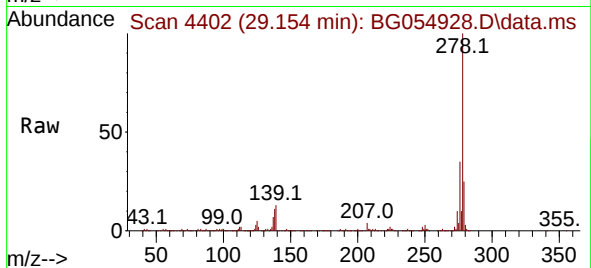
Tgt Ion:278 Resp: 738072

Ion Ratio Lower Upper

278 100

139 13.1 11.4 17.2

279 24.7 19.3 28.9



#92

Benzo(g,h,i)perylene

Concen: 47.907 ng

RT: 30.311 min Scan# 4599

Delta R.T. -0.015 min

Lab File: BG054928.D

Acq: 13 Sep 2022 19:02

Tgt Ion:276 Resp: 731415

Ion Ratio Lower Upper

276 100

277 24.7 19.4 29.0

138 17.5 16.6 25.0

