

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG062621\  
 Data File : BG049113.D  
 Acq On : 26 Jun 2021 17:57  
 Operator : CG/JU  
 Sample : M2852-01MSD  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MANHOLE-WC-SMSD

Quant Time: Jun 27 04:32:44 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG061121.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 24 11:02:36 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.104  | 152  | 31690    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.924 | 136  | 136969   | 20.00  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.749 | 164  | 101393   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.493 | 188  | 241170   | 20.00  | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.782 | 240  | 223676   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12              | 25.096 | 264  | 236656   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.654  | 112  | 218909   | 107.53 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.258  | 99   | 294905   | 96.65  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.273  | 82   | 204774   | 64.47  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.236 | 330  | 184390   | 122.75 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.368 | 172  | 469776   | 65.45  | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.096 | 244  | 846914   | 69.34  | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.527  | 88   | 23891    | 24.04  | ng    | # 76     |
| 3) Pyridine                   | 3.932  | 79   | 62692    | 23.25  | ng    | 95       |
| 4) n-Nitrosodimethylamine     | 3.844  | 42   | 52202    | 40.43  | ng    | # 82     |
| 6) Aniline                    | 7.422  | 93   | 111750   | 29.08  | ng    | 91       |
| 8) 2-Chlorophenol             | 7.663  | 128  | 93959    | 41.87  | ng    | 92       |
| 9) Benzaldehyde               | 7.234  | 77   | 69282    | 43.88  | ng    | 90       |
| 10) Phenol                    | 7.287  | 94   | 123958   | 39.32  | ng    | 91       |
| 11) bis(2-Chloroethyl)ether   | 7.516  | 93   | 82300    | 35.19  | ng    | 84       |
| 12) 1,3-Dichlorobenzene       | 7.992  | 146  | 94028    | 37.51  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 8.139  | 146  | 95853    | 38.36  | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 8.457  | 146  | 95605    | 39.77  | ng    | 92       |
| 15) Benzyl Alcohol            | 8.339  | 79   | 103934   | 37.19  | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.627  | 45   | 140014   | 31.64  | ng    | 85       |
| 17) 2-Methylphenol            | 8.545  | 107  | 86561    | 41.87  | ng    | 95       |
| 18) Hexachloroethane          | 9.197  | 117  | 40358    | 40.26  | ng    | 95       |
| 19) n-Nitroso-di-n-propyla... | 8.915  | 70   | 78151    | 32.77  | ng    | # 96     |
| 20) 3+4-Methylphenols         | 8.874  | 107  | 114731   | 40.59  | ng    | 98       |
| 22) Acetophenone              | 8.927  | 105  | 157841   | 37.88  | ng    | # 95     |
| 24) Nitrobenzene              | 9.314  | 77   | 125519   | 35.08  | ng    | 96       |
| 25) Isophorone                | 9.843  | 82   | 210877   | 30.47  | ng    | 98       |
| 26) 2-Nitrophenol             | 10.031 | 139  | 54203    | 44.66  | ng    | 95       |
| 27) 2,4-Dimethylphenol        | 10.084 | 122  | 91887    | 41.76  | ng    | 95       |
| 28) bis(2-Chloroethoxy)met... | 10.319 | 93   | 115245   | 35.96  | ng    | 93       |
| 29) 2,4-Dichlorophenol        | 10.566 | 162  | 98995    | 40.10  | ng    | 95       |
| 30) 1,2,4-Trichlorobenzene    | 10.783 | 180  | 110821   | 39.15  | ng    | 95       |
| 31) Naphthalene               | 10.977 | 128  | 289040   | 35.42  | ng    | 99       |
| 32) Benzoic acid              | 10.237 | 122  | 65295    | 45.43  | ng    | # 66     |
| 33) 4-Chloroaniline           | 11.077 | 127  | 57298    | 16.54  | ng    | 96       |
| 34) Hexachlorobutadiene       | 11.259 | 225  | 78004    | 38.67  | ng    | 94       |
| 35) Caprolactam               | 11.864 | 113  | 17461    | 24.47  | ng    | # 42     |
| 36) 4-Chloro-3-methylphenol   | 12.199 | 107  | 117213   | 38.84  | ng    | 90       |
| 37) 2-Methylnaphthalene       | 12.575 | 142  | 222888   | 36.16  | ng    | 95       |
| 38) 1-Methylnaphthalene       | 12.798 | 142  | 212045   | 36.65  | ng    | 96       |
| 40) 1,2,4,5-Tetrachloroben... | 12.945 | 216  | 131862   | 40.96  | ng    | 96       |
| 41) Hexachlorocyclopentadiene | 12.922 | 237  | 164435   | 79.45  | ng    | 94       |
| 43) 2,4,6-Trichlorophenol     | 13.180 | 196  | 96061    | 44.59  | ng    | 96       |

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 Sample : M2852-01MSD  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

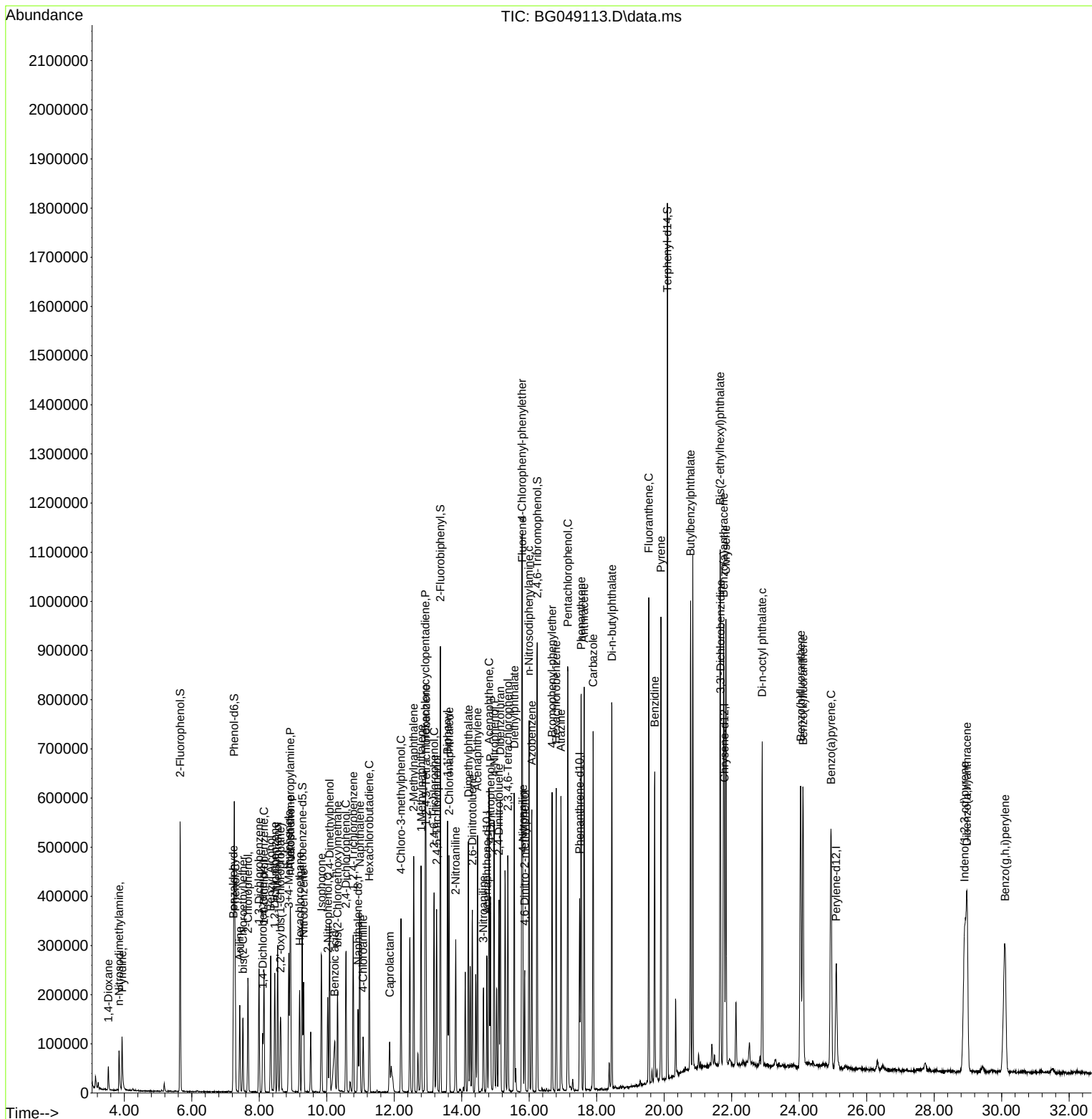
Instrument :  
 BNA\_G  
 ClientSampleId :  
 MANHOLE-WC-SMSD

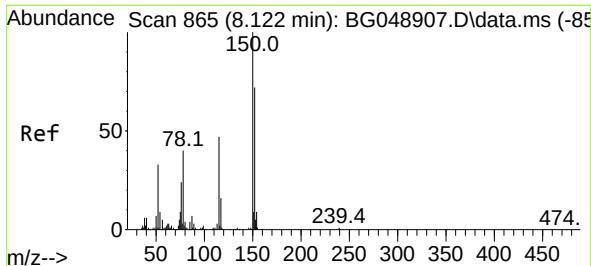
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 24 11:02:36 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.257 | 196  | 104479   | 46.90  | ng    | 95       |
| 46) 1,1'-Biphenyl             | 13.580 | 154  | 284171   | 38.01  | ng    | 98       |
| 47) 2-Chloronaphthalene       | 13.627 | 162  | 230541   | 38.62  | ng    | 98       |
| 48) 2-Nitroaniline            | 13.821 | 65   | 90943    | 42.78  | ng    | 96       |
| 49) Acenaphthylene            | 14.467 | 152  | 377054   | 37.90  | ng    | 97       |
| 50) Dimethylphthalate         | 14.197 | 163  | 312570   | 39.58  | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.314 | 165  | 68961    | 42.87  | ng    | 92       |
| 52) Acenaphthene              | 14.808 | 154  | 231468   | 36.10  | ng    | 94       |
| 53) 3-Nitroaniline            | 14.643 | 138  | 45674    | 28.05  | ng    | 84       |
| 54) 2,4-Dinitrophenol         | 14.849 | 184  | 77839    | 104.48 | ng    | 96       |
| 55) Dibenzofuran              | 15.143 | 168  | 368407   | 36.97  | ng    | 98       |
| 56) 4-Nitrophenol             | 14.961 | 139  | 119214   | 89.80  | ng    | 91       |
| 57) 2,4-Dinitrotoluene        | 15.102 | 165  | 103516   | 52.40  | ng    | 94       |
| 58) Fluorene                  | 15.795 | 166  | 317464   | 38.95  | ng    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.366 | 232  | 101295   | 44.92  | ng    | # 95     |
| 60) Diethylphthalate          | 15.554 | 149  | 340029   | 39.75  | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 15.783 | 204  | 174284   | 40.90  | ng    | 95       |
| 62) 4-Nitroaniline            | 15.813 | 138  | 68556    | 41.63  | ng    | 86       |
| 63) Azobenzene                | 16.077 | 77   | 330464   | 33.76  | ng    | 90       |
| 65) 4,6-Dinitro-2-methylph... | 15.865 | 198  | 52934    | 46.29  | ng    | 96       |
| 66) n-Nitrosodiphenylamine    | 15.995 | 169  | 279066   | 37.13  | ng    | 97       |
| 67) 4-Bromophenyl-phenylether | 16.676 | 248  | 123082   | 40.87  | ng    | 94       |
| 68) Hexachlorobenzene         | 16.800 | 284  | 137044   | 41.99  | ng    | 98       |
| 69) Atrazine                  | 16.941 | 200  | 118407   | 49.08  | ng    | 96       |
| 70) Pentachlorophenol         | 17.146 | 266  | 171837   | 87.61  | ng    | 98       |
| 71) Phenanthrene              | 17.540 | 178  | 516390   | 38.05  | ng    | 97       |
| 72) Anthracene                | 17.628 | 178  | 525170   | 38.51  | ng    | 98       |
| 73) Carbazole                 | 17.892 | 167  | 472754   | 36.17  | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.451 | 149  | 576642   | 39.33  | ng    | 97       |
| 75) Fluoranthene              | 19.544 | 202  | 618437   | 37.79  | ng    | 99       |
| 77) Benzidine                 | 19.720 | 184  | 369412   | 81.98  | ng    | 96       |
| 78) Pyrene                    | 19.902 | 202  | 620309   | 38.21  | ng    | 98       |
| 80) Butylbenzylphthalate      | 20.783 | 149  | 240824   | 39.32  | ng    | 98       |
| 81) Benzo(a)anthracene        | 21.759 | 228  | 613162   | 38.18  | ng    | 97       |
| 82) 3,3'-Dichlorobenzidine    | 21.670 | 252  | 133241   | 25.94  | ng    | 99       |
| 83) Chrysene                  | 21.829 | 228  | 588413   | 38.21  | ng    | 97       |
| 84) Bis(2-ethylhexyl)phtha... | 21.659 | 149  | 343467   | 39.34  | ng    | 96       |
| 85) Di-n-octyl phthalate      | 22.904 | 149  | 576348   | 38.92  | ng    | 97       |
| 87) Indeno(1,2,3-cd)pyrene    | 28.903 | 276  | 740314   | 41.57  | ng    | # 97     |
| 88) Benzo(b)fluoranthene      | 24.044 | 252  | 631803   | 37.45  | ng    | # 96     |
| 89) Benzo(k)fluoranthene      | 24.115 | 252  | 623188   | 38.93  | ng    | # 99     |
| 90) Benzo(a)pyrene            | 24.943 | 252  | 623468   | 40.49  | ng    | # 98     |
| 91) Dibenzo(a,h)anthracene    | 28.968 | 278  | 621114   | 41.73  | ng    | # 96     |
| 92) Benzo(g,h,i)perylene      | 30.102 | 276  | 621578   | 41.41  | ng    | 100      |

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

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QLast Update : Thu Jun 24 11:02:36 2021  
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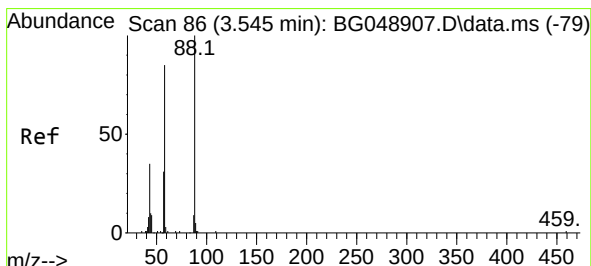
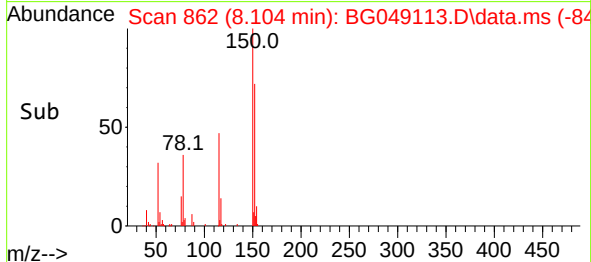
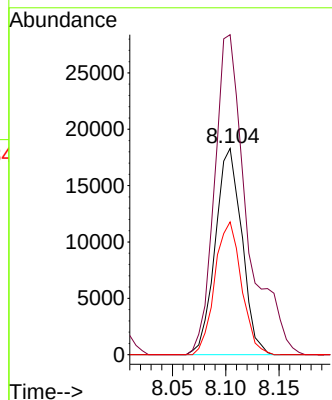
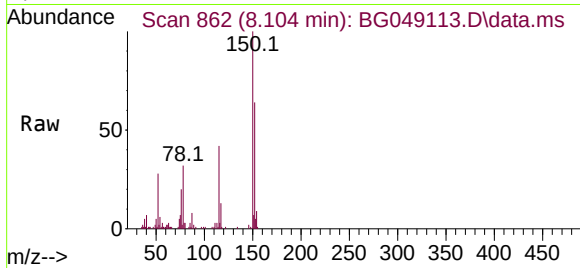




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.104 min Scan# 862  
Delta R.T. -0.001 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

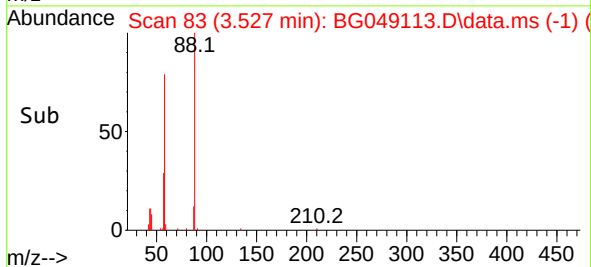
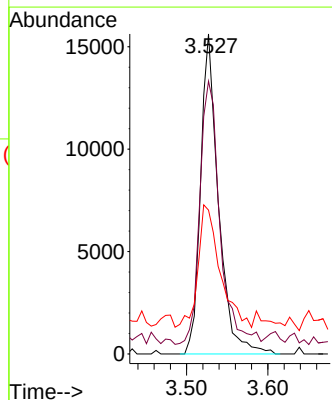
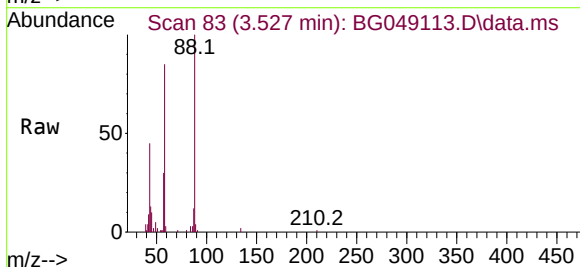
Instrument :  
BNA\_G  
ClientSampleId :  
MANHOLE-WC-SMSD

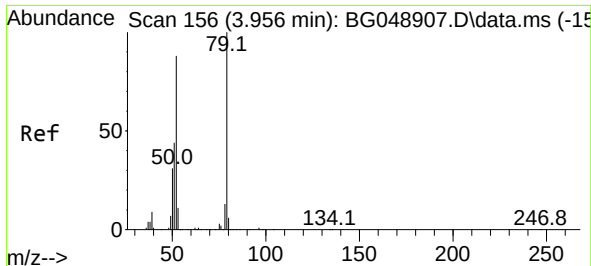
Tgt Ion:152 Resp: 31690  
Ion Ratio Lower Upper  
152 100  
150 155.1 119.4 179.0  
115 64.4 60.2 90.4



#2  
1,4-Dioxane  
Concen: 24.04 ng  
RT: 3.527 min Scan# 83  
Delta R.T. -0.007 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

Tgt Ion: 88 Resp: 23891  
Ion Ratio Lower Upper  
88 100  
58 92.3 55.7 83.5#  
43 46.5 29.3 43.9#

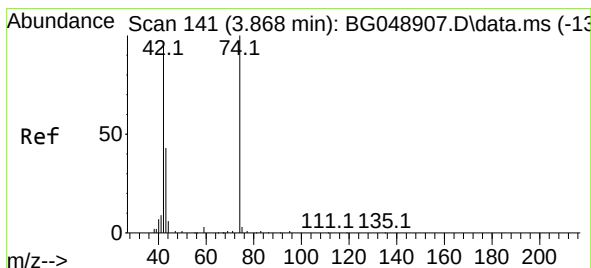
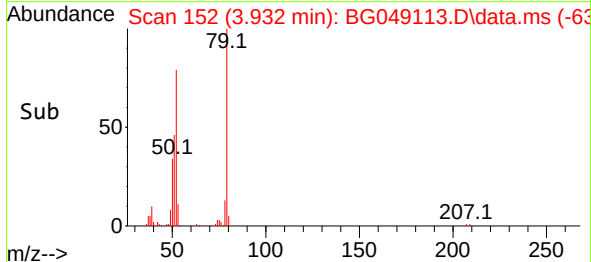
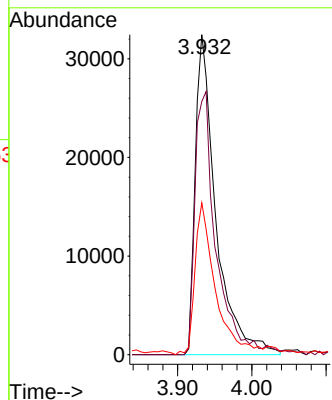
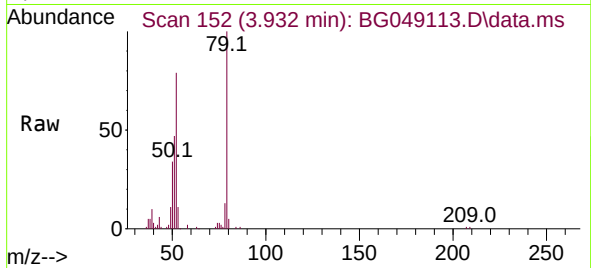




#3  
Pyridine  
Concen: 23.25 ng  
RT: 3.932 min Scan# 152  
Delta R.T. -0.007 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

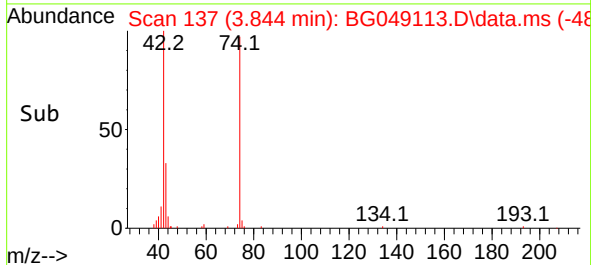
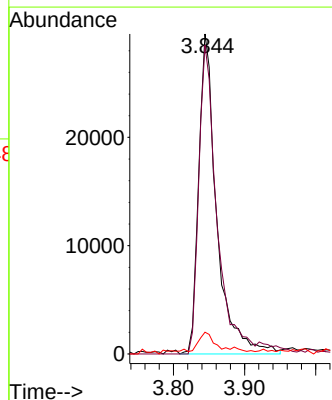
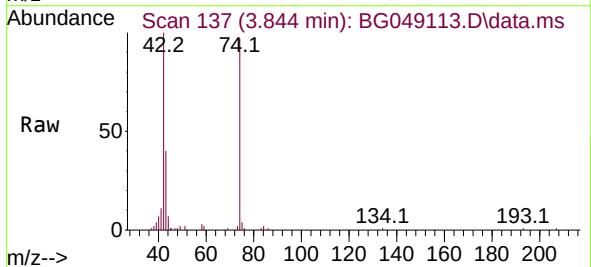
Instrument :  
BNA\_G  
ClientSampleId :  
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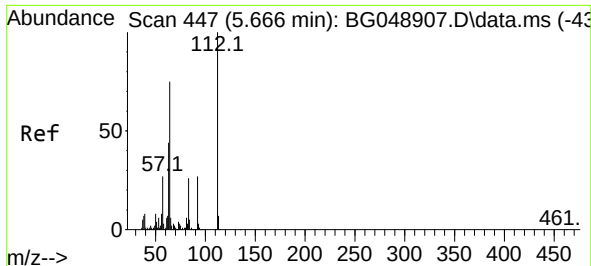
|             |             |
|-------------|-------------|
| Tgt Ion: 79 | Resp: 62692 |
| Ion Ratio   | Lower Upper |
| 79 100      |             |
| 52 79.2     | 58.4 87.6   |
| 51 47.4     | 37.0 55.6   |



#4  
n-Nitrosodimethylamine  
Concen: 40.43 ng  
RT: 3.844 min Scan# 137  
Delta R.T. -0.007 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

|             |             |
|-------------|-------------|
| Tgt Ion: 42 | Resp: 52202 |
| Ion Ratio   | Lower Upper |
| 42 100      |             |
| 74 96.5     | 64.0 96.0#  |
| 44 6.8      | 2.7 4.1#    |

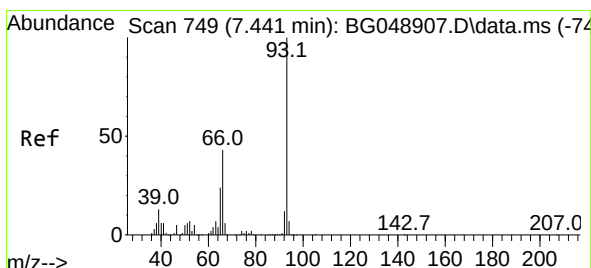
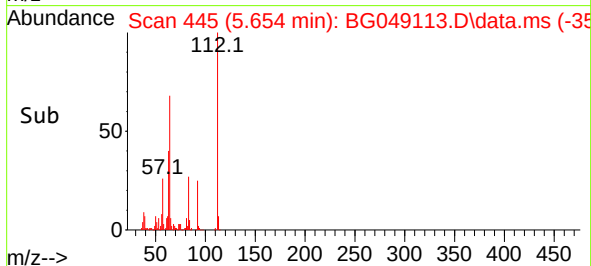
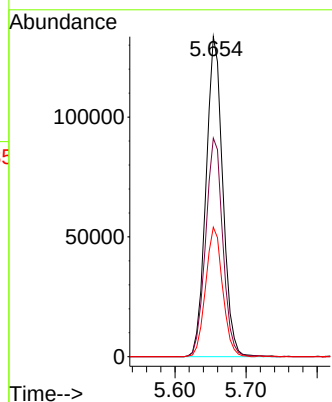
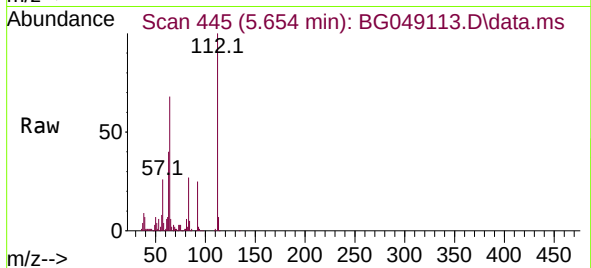




#5  
2-Fluorophenol  
Concen: 107.53 ng  
RT: 5.654 min Scan# 445  
Delta R.T. -0.001 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

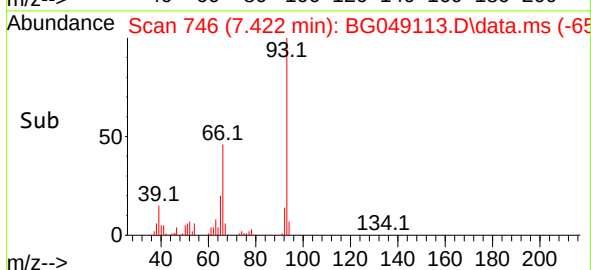
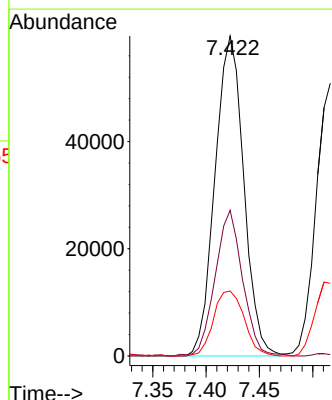
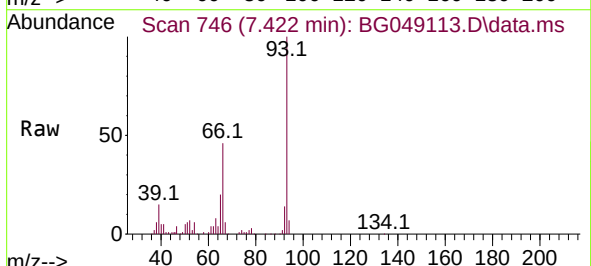
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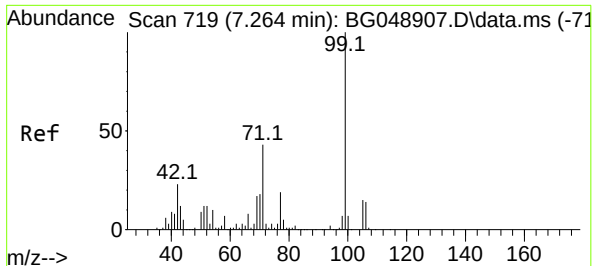
Tgt Ion:112 Resp: 218909  
Ion Ratio Lower Upper  
112 100  
64 68.3 46.7 70.1  
63 40.5 35.3 52.9



#6  
Aniline  
Concen: 29.08 ng  
RT: 7.422 min Scan# 746  
Delta R.T. -0.001 min  
Lab File: BG049113.D  
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Tgt Ion: 93 Resp: 111750  
Ion Ratio Lower Upper  
93 100  
66 45.5 30.6 45.8  
65 20.3 15.0 22.4

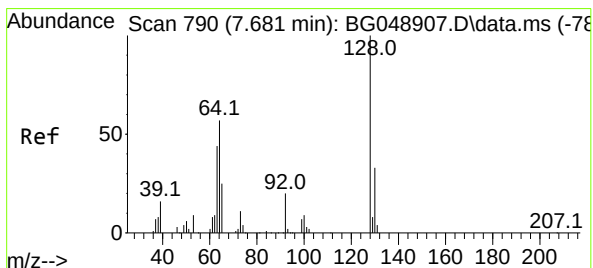
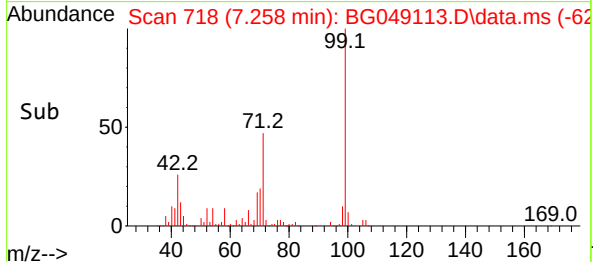
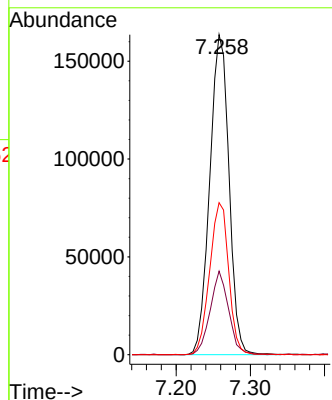
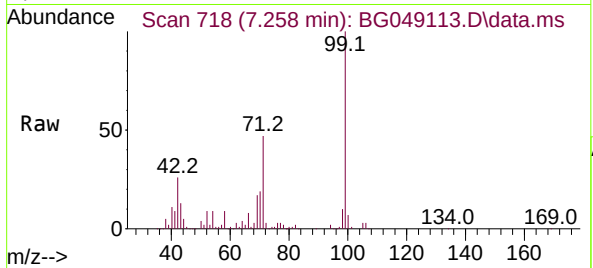




#7  
Phenol-d6  
Concen: 96.65 ng  
RT: 7.258 min Scan# 718  
Delta R.T. -0.002 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

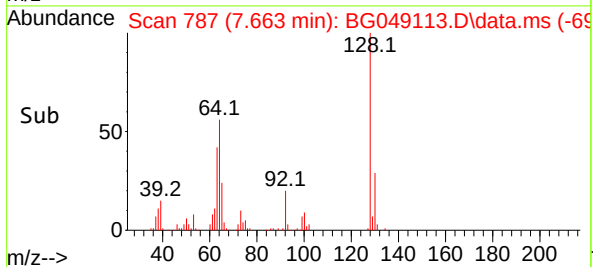
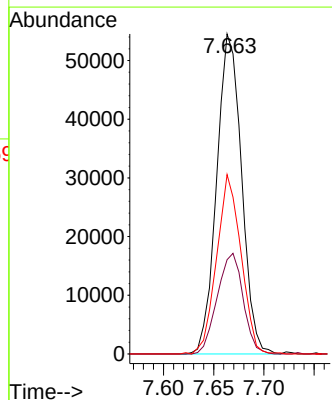
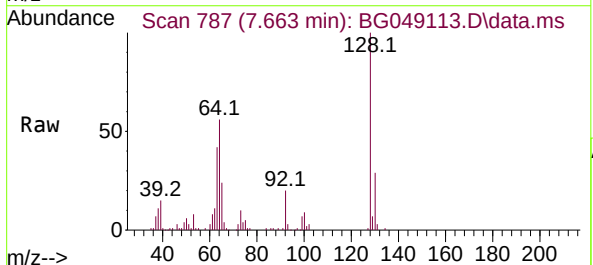
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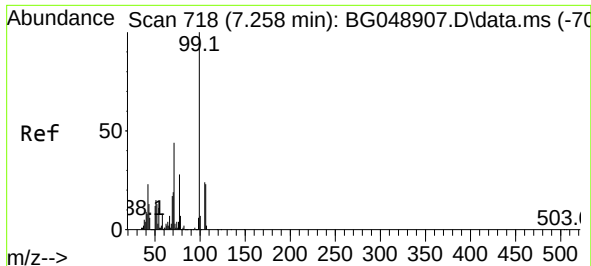
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Ion Ratio Lower Upper  
99 100  
42 26.1 20.5 30.7  
71 47.5 41.5 62.3



#8  
2-Chlorophenol  
Concen: 41.87 ng  
RT: 7.663 min Scan# 787  
Delta R.T. -0.007 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

Tgt Ion: 128 Resp: 93959  
Ion Ratio Lower Upper  
128 100  
130 29.5 10.0 50.0  
64 56.1 28.1 68.1

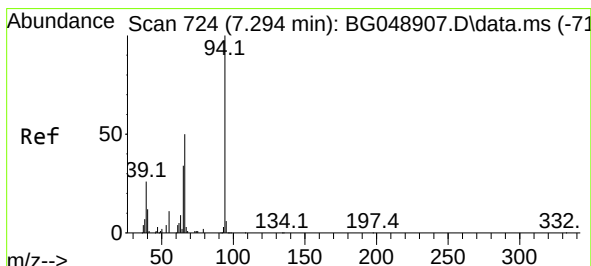
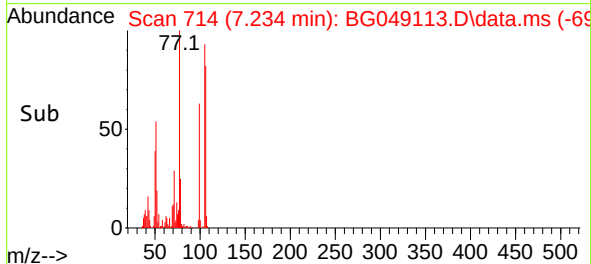
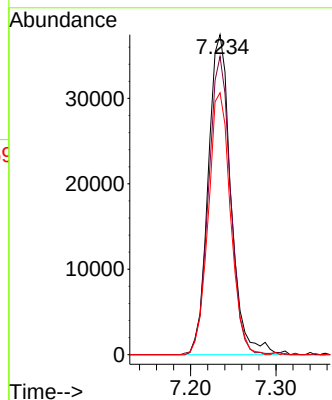
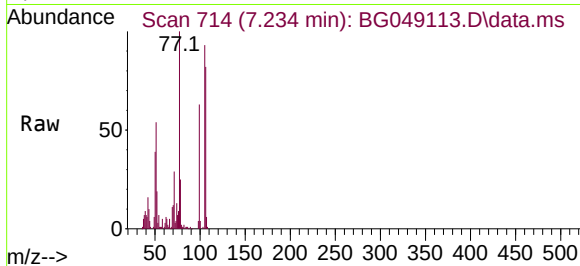




#9  
Benzaldehyde  
Concen: 43.88 ng  
RT: 7.234 min Scan# 714  
Delta R.T. -0.001 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

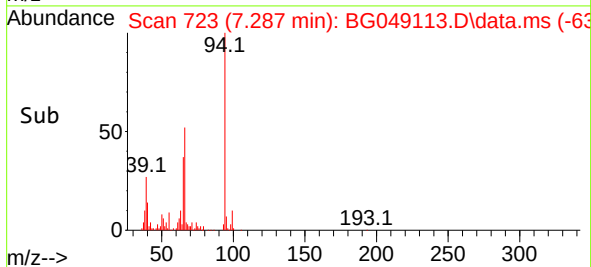
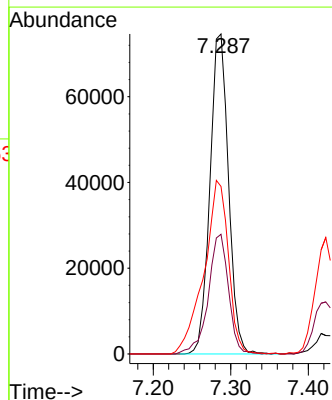
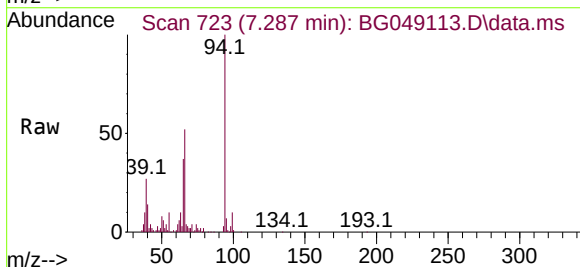
Instrument :  
BNA\_G  
ClientSampleId :  
MANHOLE-WC-SMSD

Tgt Ion: 77 Resp: 69282  
Ion Ratio Lower Upper  
77 100  
105 93.2 68.8 108.8  
106 81.8 47.9 87.9

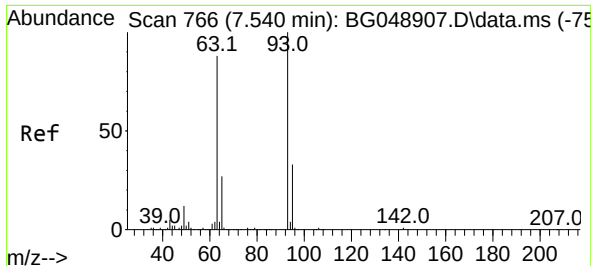


#10  
Phenol  
Concen: 39.32 ng  
RT: 7.287 min Scan# 723  
Delta R.T. 0.004 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

Tgt Ion: 94 Resp: 123958  
Ion Ratio Lower Upper  
94 100  
65 37.4 12.9 52.9  
66 52.4 39.4 79.4

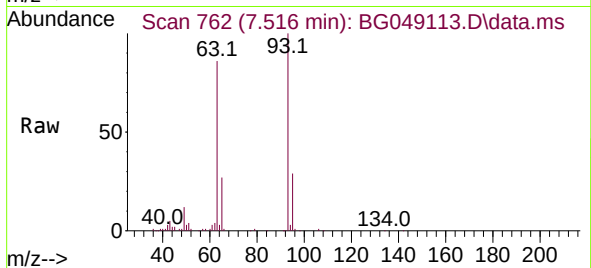




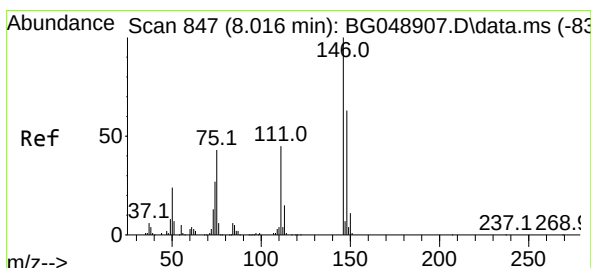
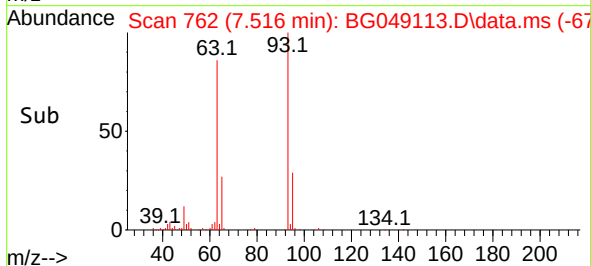
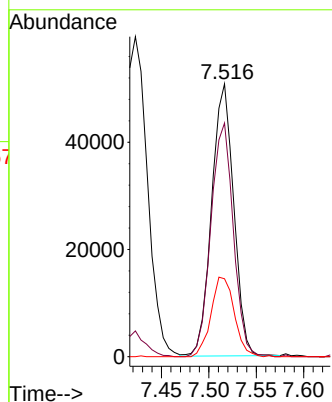


#11  
bis(2-Chloroethyl)ether  
Concen: 35.19 ng  
RT: 7.516 min Scan# 762  
Delta R.T. -0.001 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

Instrument :  
BNA\_G  
ClientSampleId :  
MANHOLE-WC-SMSD

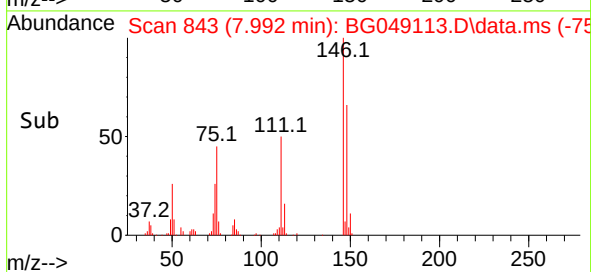
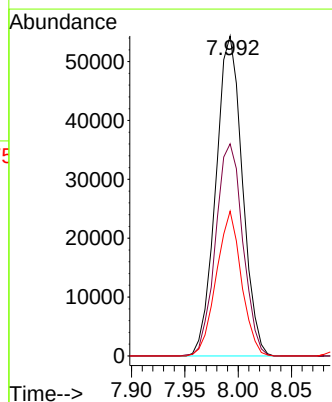
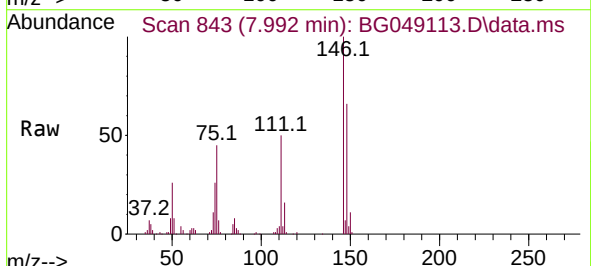


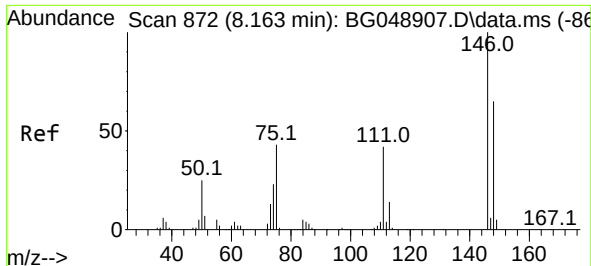
Tgt Ion: 93 Resp: 82300  
Ion Ratio Lower Upper  
93 100  
63 85.6 50.4 90.4  
95 28.5 15.3 55.3



#12  
1,3-Dichlorobenzene  
Concen: 37.51 ng  
RT: 7.992 min Scan# 843  
Delta R.T. -0.001 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

Tgt Ion: 146 Resp: 94028  
Ion Ratio Lower Upper  
146 100  
148 66.3 52.6 78.8  
75 45.3 35.7 53.5

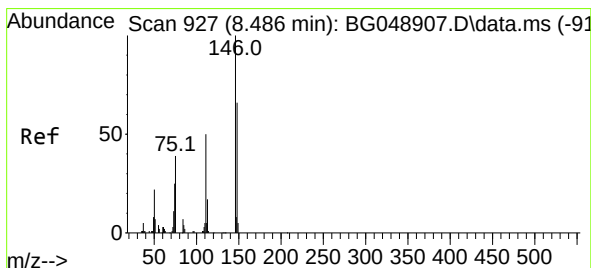
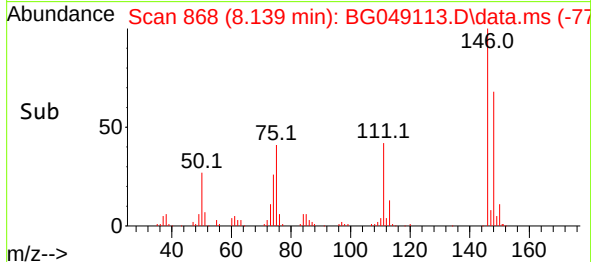
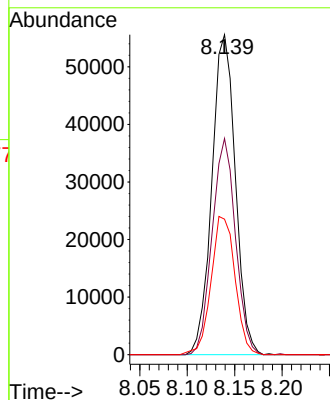
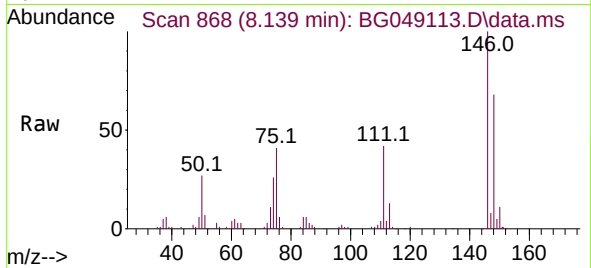




#13  
1,4-Dichlorobenzene  
Concen: 38.36 ng  
RT: 8.139 min Scan# 868  
Delta R.T. -0.001 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

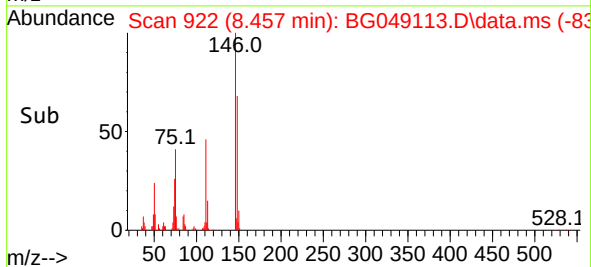
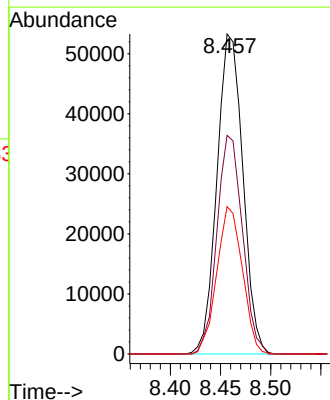
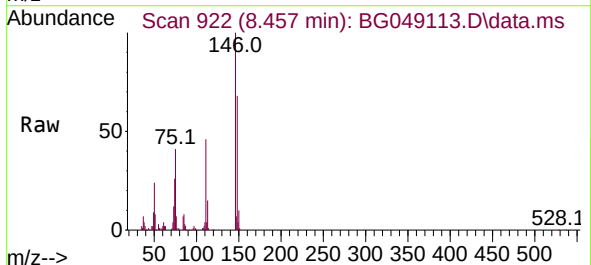
Instrument :  
BNA\_G  
ClientSampleId :  
MANHOLE-WC-SMSD

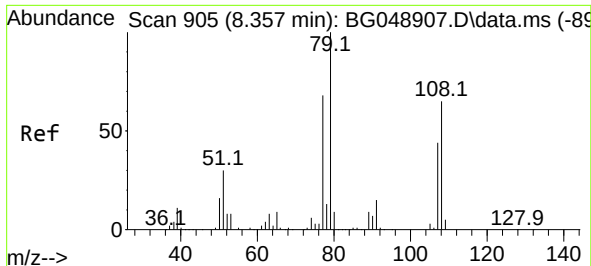
Tgt Ion:146 Resp: 95853  
Ion Ratio Lower Upper  
146 100  
148 67.6 54.0 81.0  
111 42.3 34.3 51.5



#14  
1,2-Dichlorobenzene  
Concen: 39.77 ng  
RT: 8.457 min Scan# 922  
Delta R.T. -0.007 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

Tgt Ion:146 Resp: 95605  
Ion Ratio Lower Upper  
146 100  
148 68.3 47.5 71.3  
111 46.1 39.1 58.7

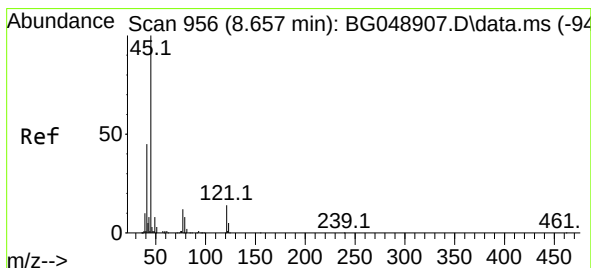
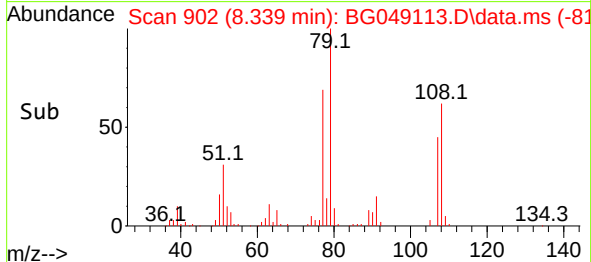
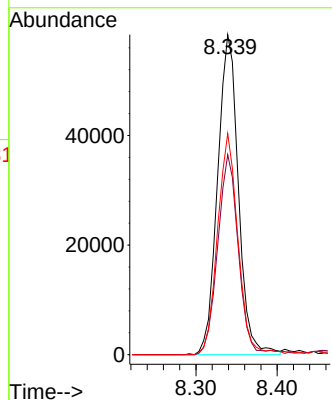
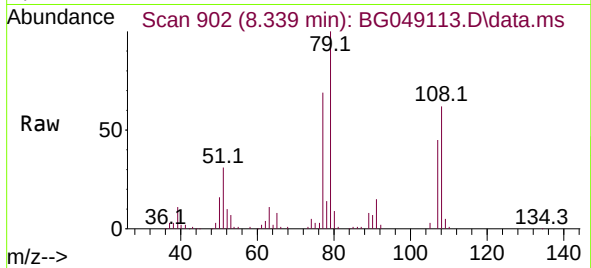




#15  
Benzyl Alcohol  
Concen: 37.19 ng  
RT: 8.339 min Scan# 902  
Delta R.T. -0.001 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

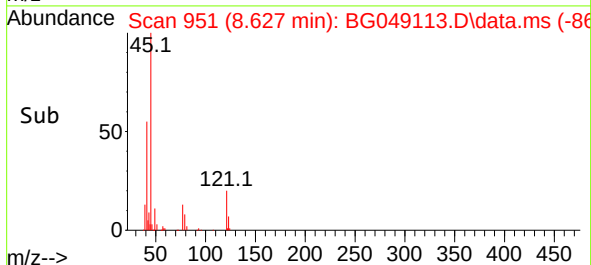
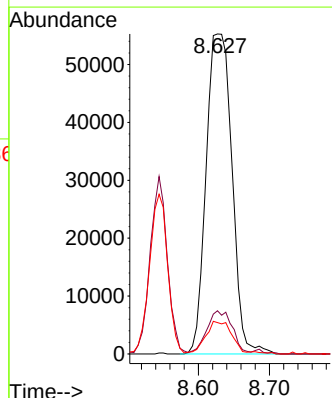
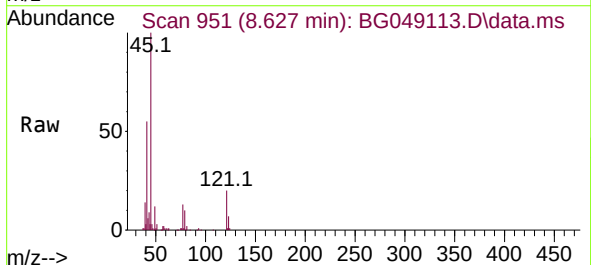
Instrument :  
BNA\_G  
ClientSampleId :  
MANHOLE-WC-SMSD

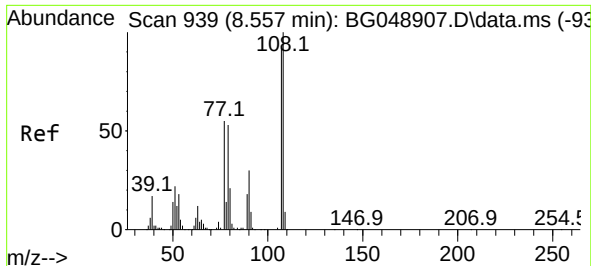
Tgt Ion: 79 Resp: 103934  
Ion Ratio Lower Upper  
79 100  
108 62.5 48.2 72.4  
77 69.1 57.3 85.9



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 31.64 ng  
RT: 8.627 min Scan# 951  
Delta R.T. -0.007 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

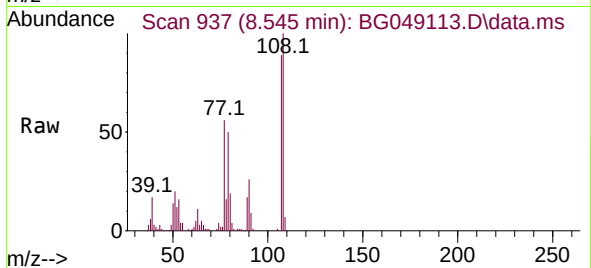
Tgt Ion: 45 Resp: 140014  
Ion Ratio Lower Upper  
45 100  
77 13.5 2.2 42.2  
79 9.8 0.0 34.3



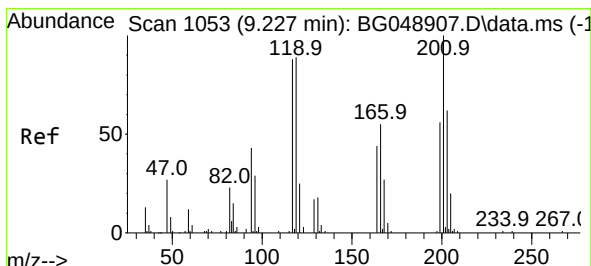
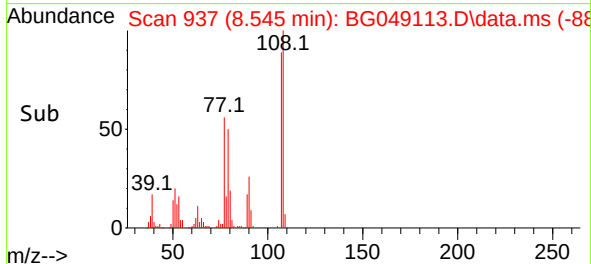
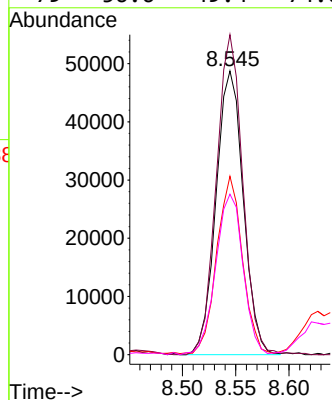


#17  
2-Methylphenol  
Concen: 41.87 ng  
RT: 8.545 min Scan# 937  
Delta R.T. -0.002 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

Instrument :  
BNA\_G  
ClientSampleId :  
MANHOLE-WC-SMSD

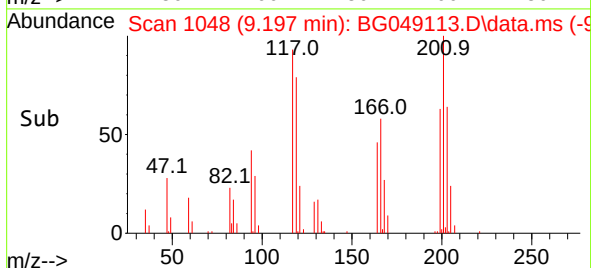
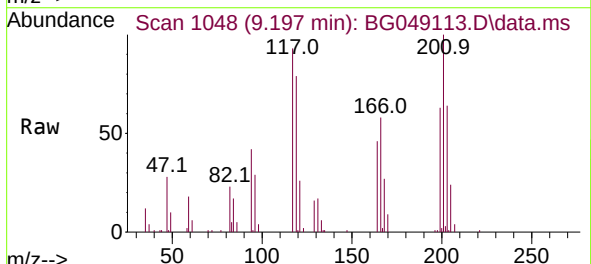
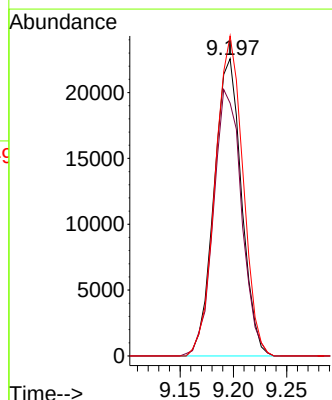


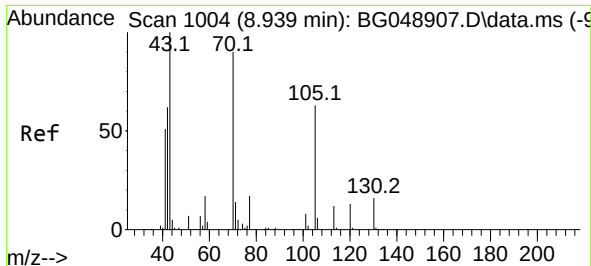
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 107   | Resp: | 86561 |
| Ion Ratio | Lower | Upper |       |
| 107       | 100   |       |       |
| 108       | 112.8 | 84.6  | 127.0 |
| 77        | 62.9  | 50.7  | 76.1  |
| 79        | 56.6  | 49.4  | 74.0  |



#18  
Hexachloroethane  
Concen: 40.26 ng  
RT: 9.197 min Scan# 1048  
Delta R.T. -0.001 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 40358 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 119       | 85.0  | 74.4  | 111.6 |
| 201       | 107.6 | 88.6  | 133.0 |

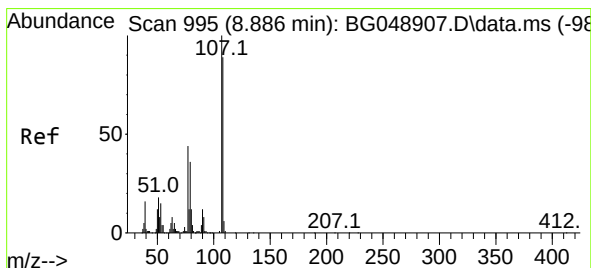
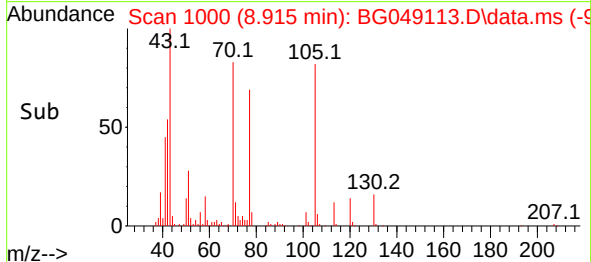
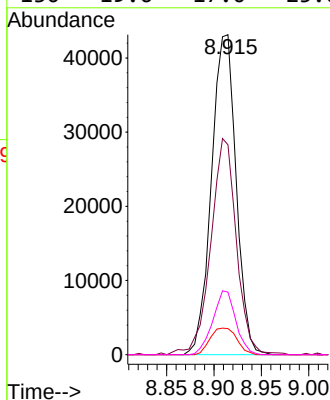
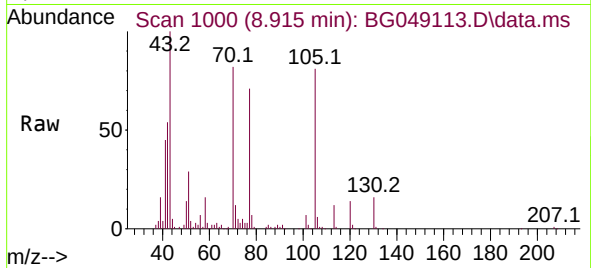




#19  
n-Nitroso-di-n-propylamine  
Concen: 32.77 ng  
RT: 8.915 min Scan# 1000  
Delta R.T. 0.004 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

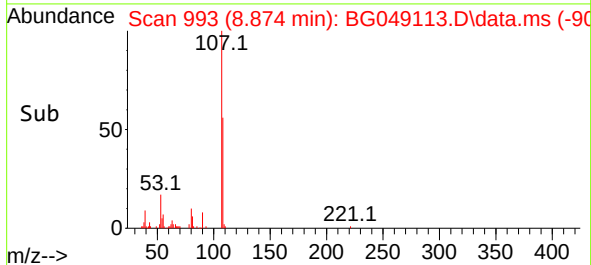
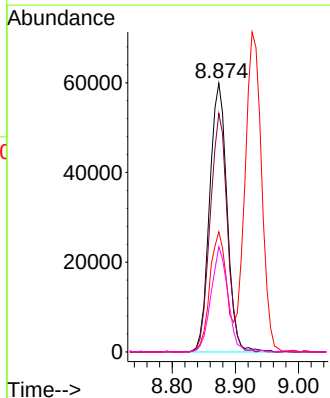
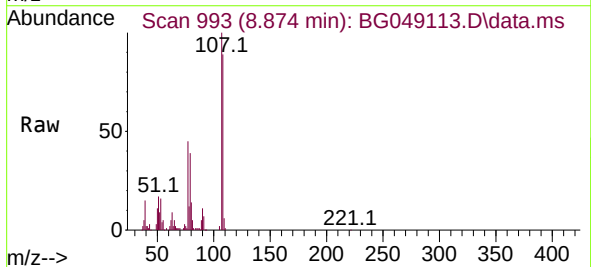
Instrument :  
BNA\_G  
ClientSampleId :  
MANHOLE-WC-SMSD

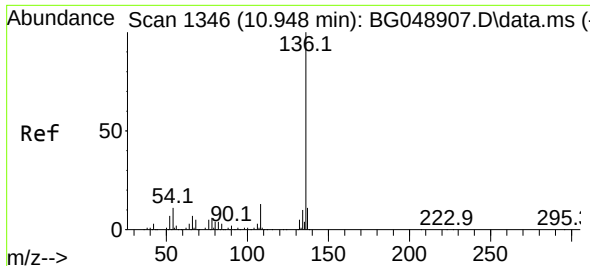
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 78151 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 65.6  | 54.5  | 81.7  |
| 101      | 8.1   | 9.0   | 13.6# |
| 130      | 19.6  | 17.0  | 25.6  |



#20  
3+4-Methylphenols  
Concen: 40.59 ng  
RT: 8.874 min Scan# 993  
Delta R.T. -0.001 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 114731 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 88.8  | 69.3  | 109.3  |
| 77       | 44.7  | 25.2  | 65.2   |
| 79       | 39.1  | 15.1  | 55.1   |

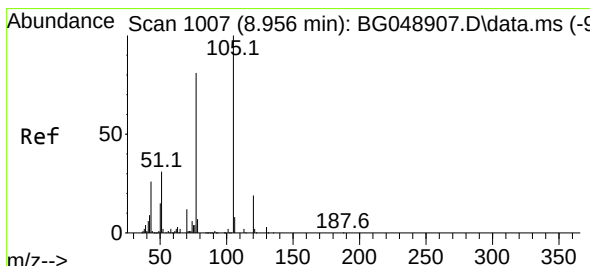
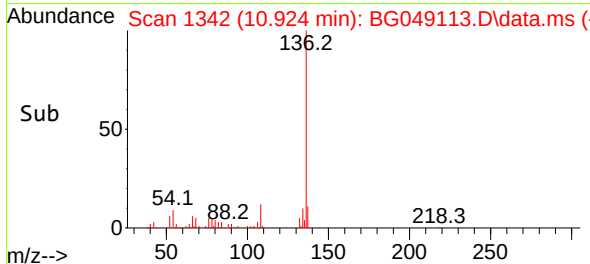
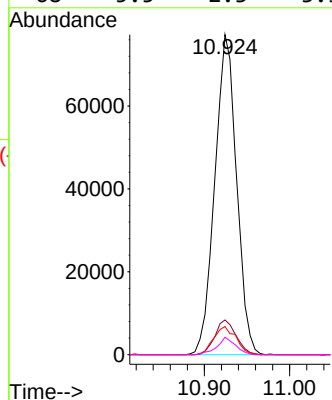
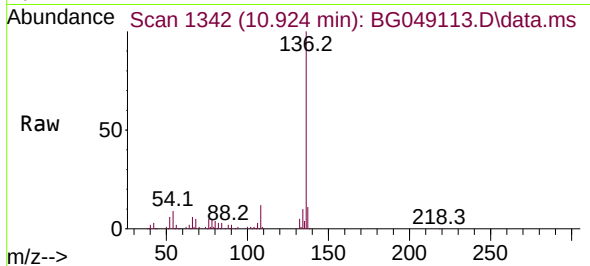




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.924 min Scan# 1342  
Delta R.T. -0.001 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

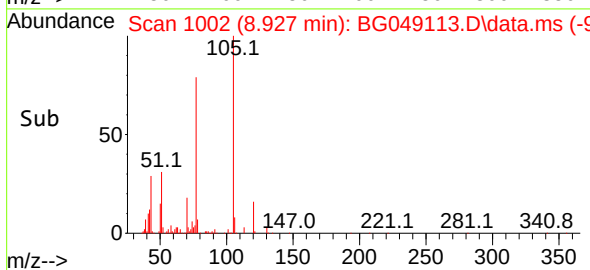
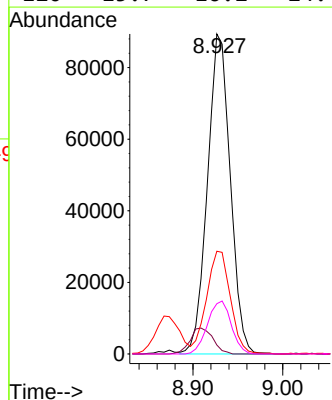
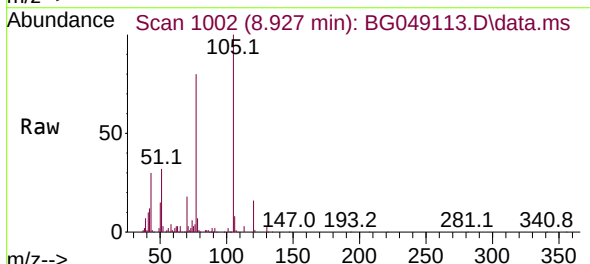
Instrument :  
BNA\_G  
ClientSampleId :  
MANHOLE-WC-SMSD

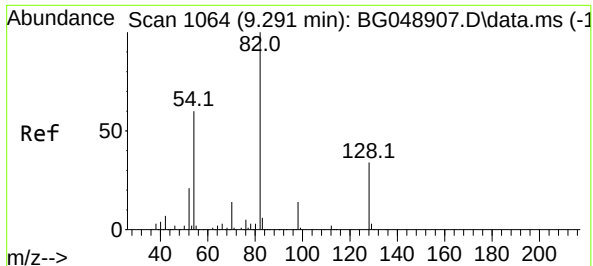
Tgt Ion:136 Resp: 136969  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.2 12.2  
54 8.8 5.5 8.3#  
68 5.5 2.3 3.5#



#22  
Acetophenone  
Concen: 37.88 ng  
RT: 8.927 min Scan# 1002  
Delta R.T. -0.002 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

Tgt Ion:105 Resp: 157841  
Ion Ratio Lower Upper  
105 100  
71 2.8 0.6 0.8#  
51 32.1 26.6 40.0  
120 15.7 16.2 24.4#





#23

Nitrobenzene-d5

Concen: 64.47 ng

RT: 9.273 min Scan# 1061

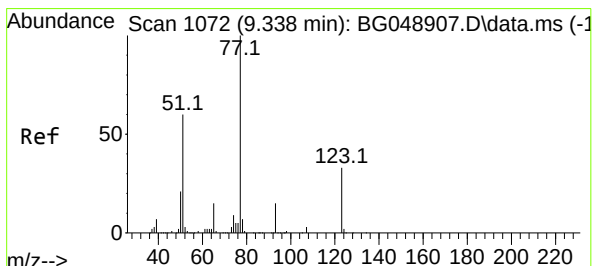
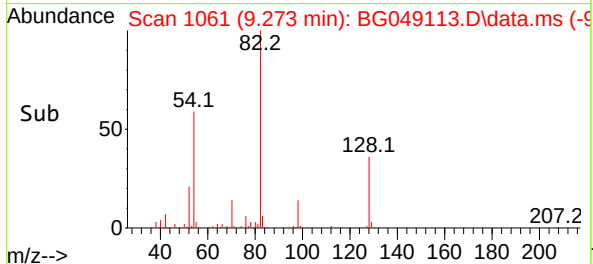
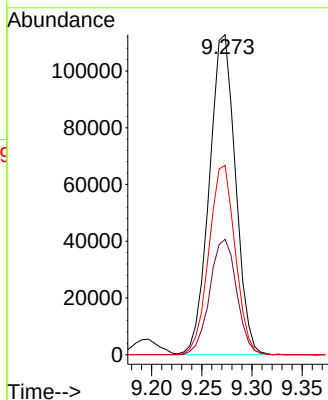
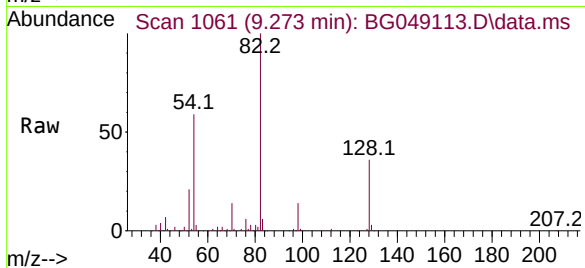
Delta R.T. -0.001 min

Lab File: BG049113.D

Acq: 26 Jun 2021 17:57

Tgt Ion: 82 Resp: 204774

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 36.1  | 29.8  | 44.6  |
| 54  | 59.2  | 45.8  | 68.8  |



#24

Nitrobenzene

Concen: 35.08 ng

RT: 9.314 min Scan# 1068

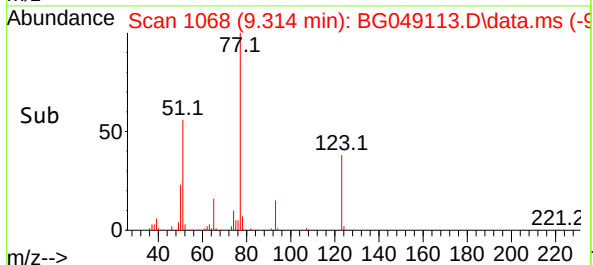
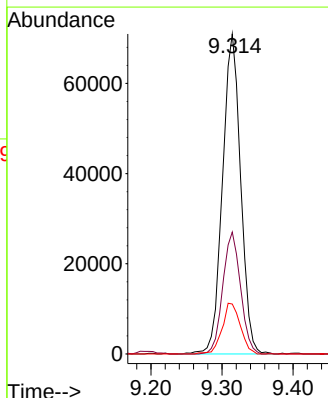
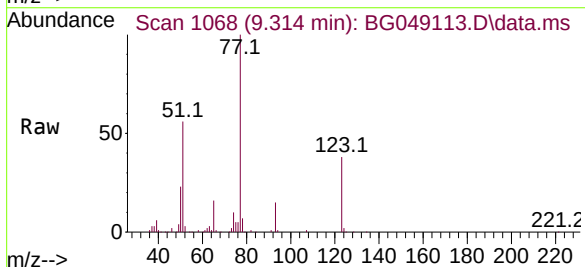
Delta R.T. -0.001 min

Lab File: BG049113.D

Acq: 26 Jun 2021 17:57

Tgt Ion: 77 Resp: 125519

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 38.1  | 27.5  | 41.3  |
| 65  | 15.6  | 12.6  | 18.8  |

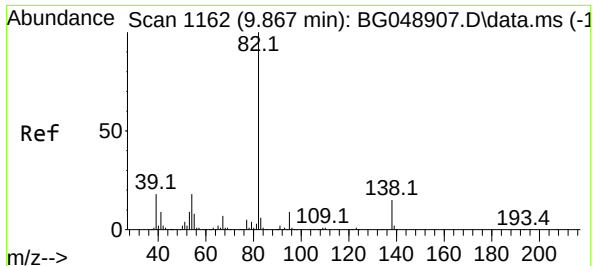


Instrument :

BNA\_G

ClientSampleId :

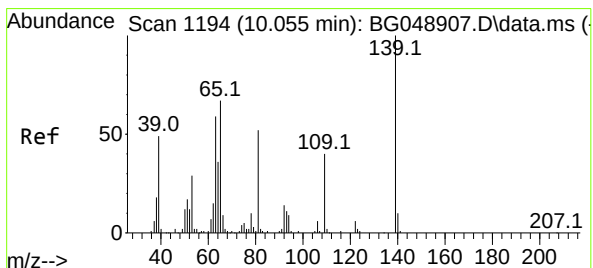
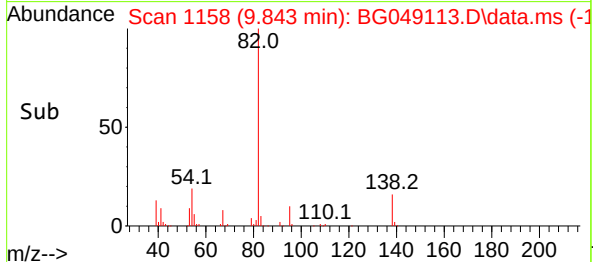
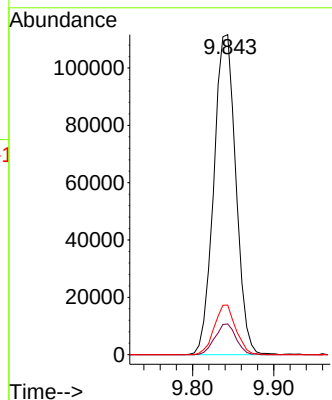
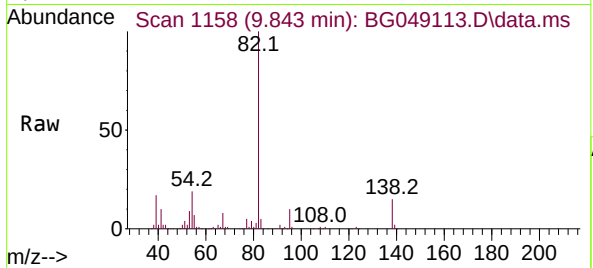
MANHOLE-WC-SMSD



#25  
Isophorone  
Concen: 30.47 ng  
RT: 9.843 min Scan# 1158  
Delta R.T. -0.001 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

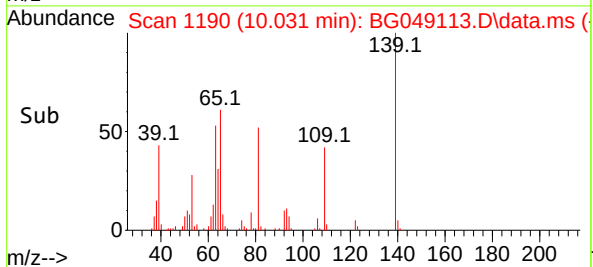
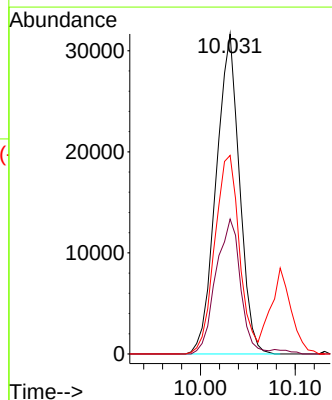
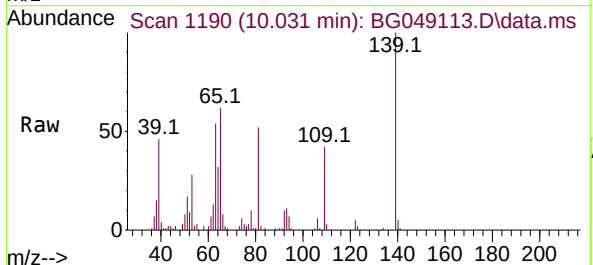
Instrument :  
BNA\_G  
ClientSampleId :  
MANHOLE-WC-SMSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 210877 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 95       | 9.6   | 8.5   | 12.7   |
| 138      | 15.5  | 11.8  | 17.6   |

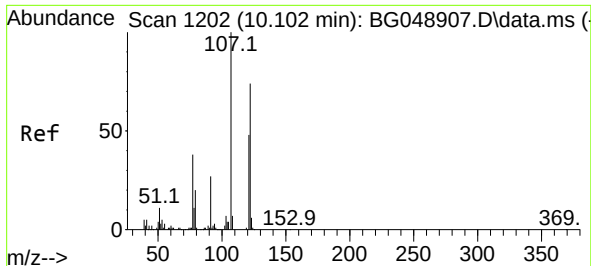


#26  
2-Nitrophenol  
Concen: 44.66 ng  
RT: 10.031 min Scan# 1190  
Delta R.T. -0.001 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 139   | Resp: | 54203 |
| Ion      | Ratio | Lower | Upper |
| 139      | 100   |       |       |
| 109      | 42.2  | 37.8  | 56.6  |
| 65       | 62.1  | 51.8  | 77.8  |



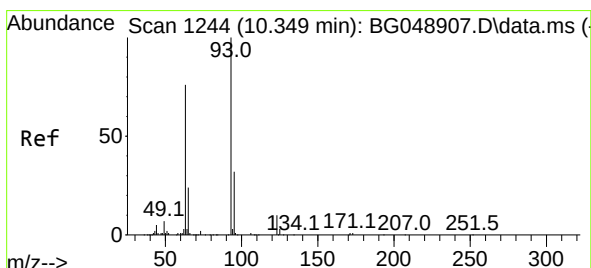
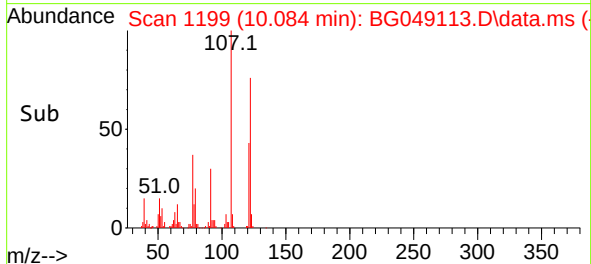
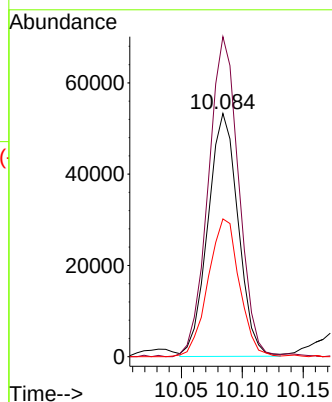
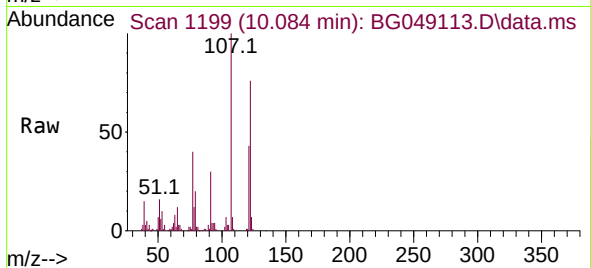




#27  
2,4-Dimethylphenol  
Concen: 41.76 ng  
RT: 10.084 min Scan# 1199  
Delta R.T. -0.001 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

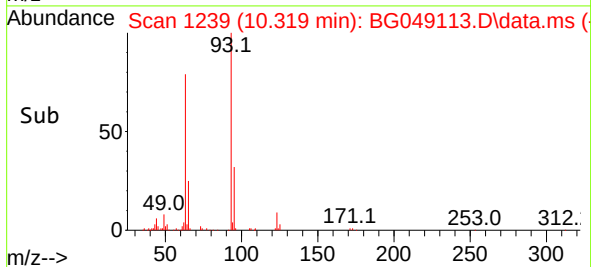
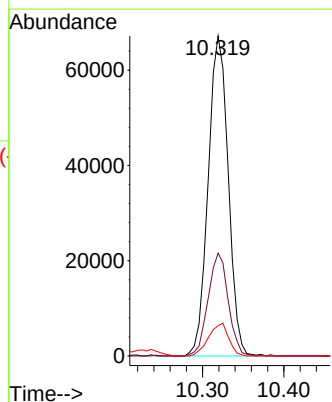
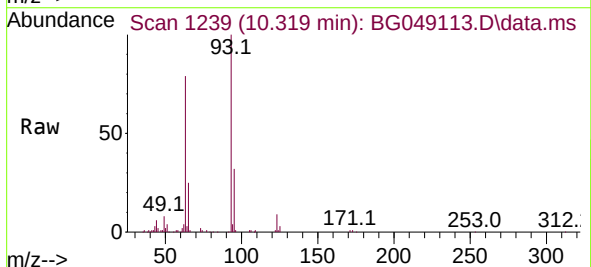
Instrument :  
BNA\_G  
ClientSampleId :  
MANHOLE-WC-SMSD

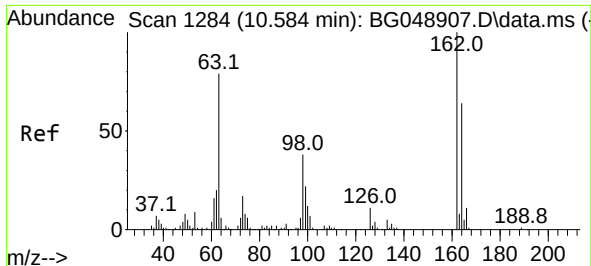
Tgt Ion:122 Resp: 91887  
Ion Ratio Lower Upper  
122 100  
107 131.6 110.1 165.1  
121 56.7 49.0 73.6



#28  
bis(2-Chloroethoxy)methane  
Concen: 35.96 ng  
RT: 10.319 min Scan# 1239  
Delta R.T. -0.001 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

Tgt Ion: 93 Resp: 115245  
Ion Ratio Lower Upper  
93 100  
95 32.2 22.2 33.4  
123 9.4 8.8 13.2

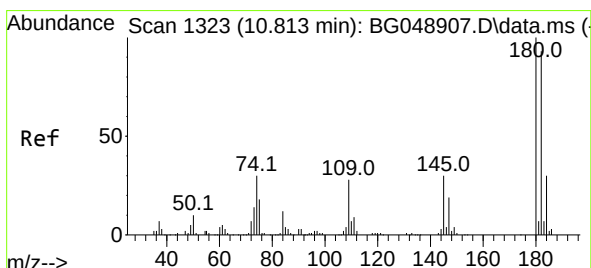
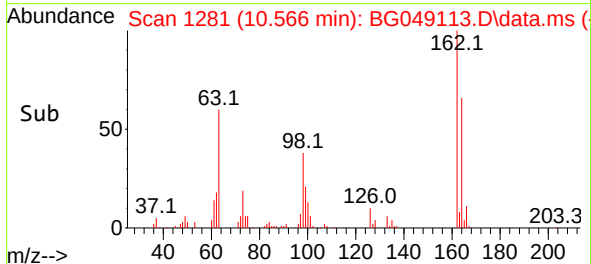
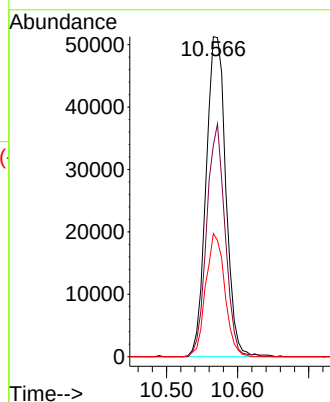
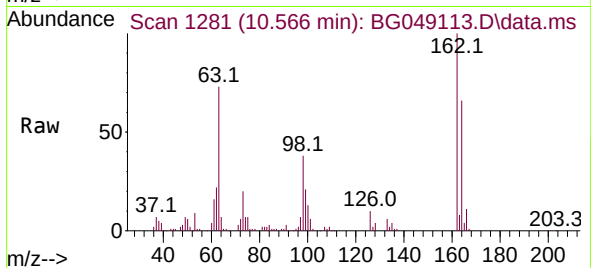




#29  
2,4-Dichlorophenol  
Concen: 40.10 ng  
RT: 10.566 min Scan# 1281  
Delta R.T. -0.007 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

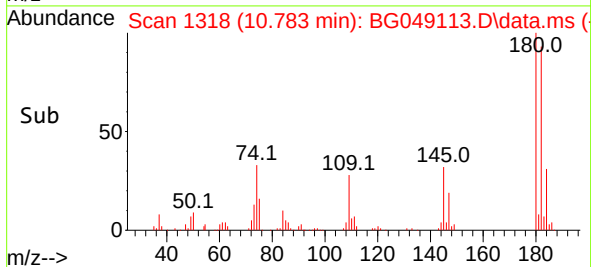
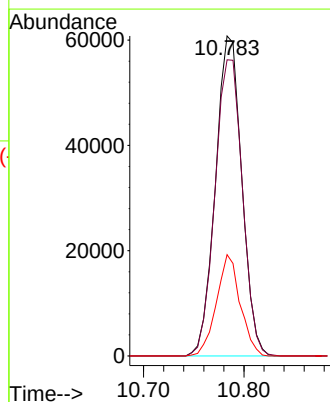
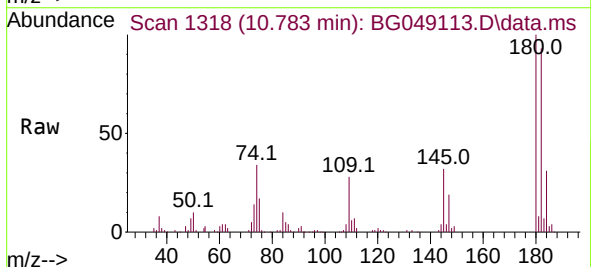
Instrument :  
BNA\_G  
ClientSampleId :  
MANHOLE-WC-SMSD

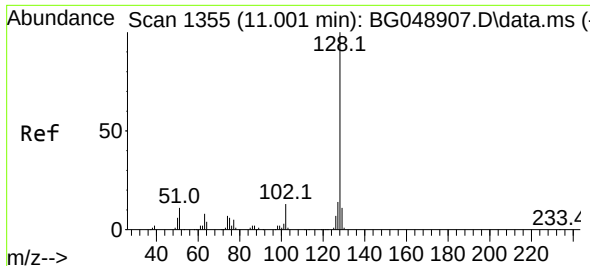
Tgt Ion:162 Resp: 98995  
Ion Ratio Lower Upper  
162 100  
164 66.0 39.4 79.4  
98 38.4 18.7 58.7



#30  
1,2,4-Trichlorobenzene  
Concen: 39.15 ng  
RT: 10.783 min Scan# 1318  
Delta R.T. -0.007 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

Tgt Ion:180 Resp: 110821  
Ion Ratio Lower Upper  
180 100  
182 92.6 78.9 118.3  
145 31.6 26.2 39.4

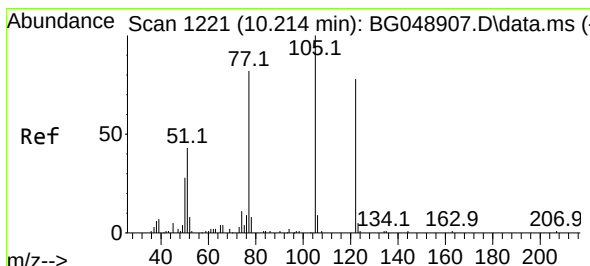
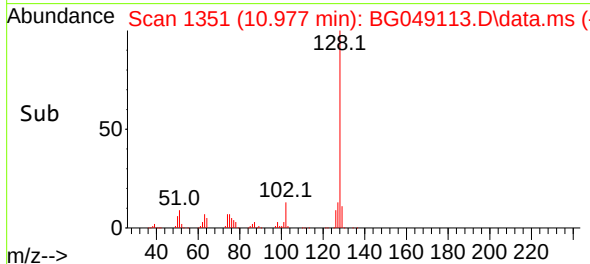
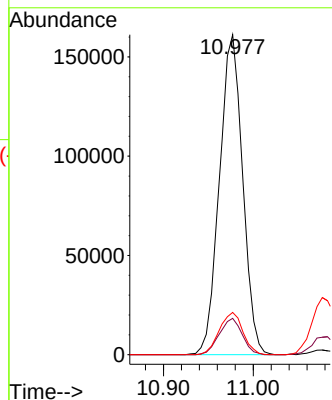
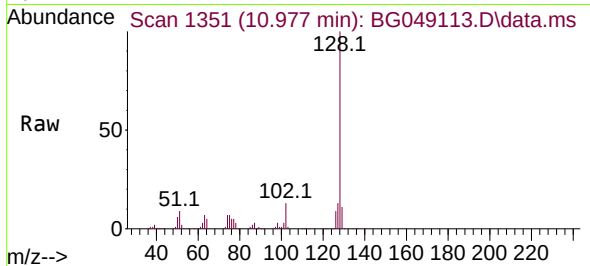




#31  
Naphthalene  
Concen: 35.42 ng  
RT: 10.977 min Scan# 1351  
Delta R.T. -0.001 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

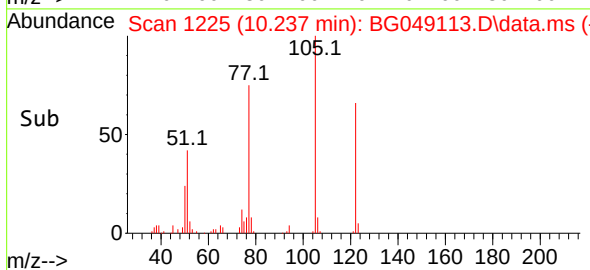
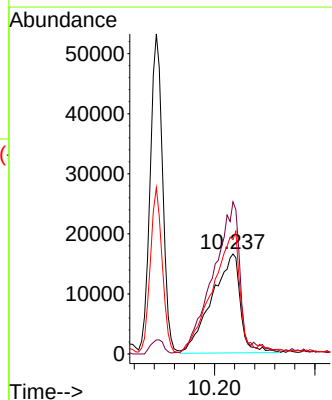
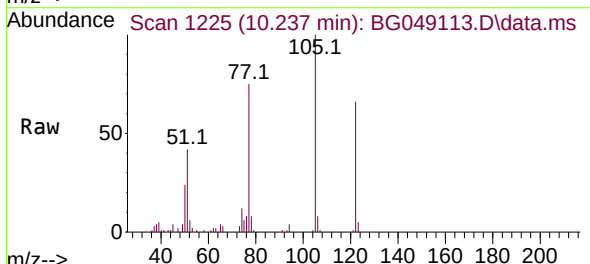
Instrument :  
BNA\_G  
ClientSampleId :  
MANHOLE-WC-SMSD

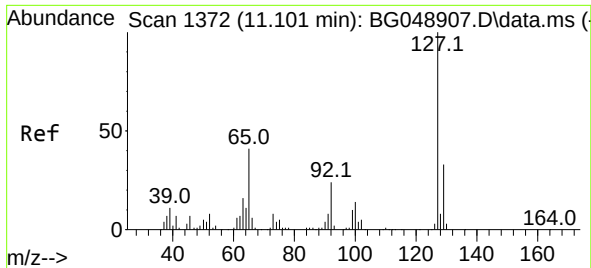
Tgt Ion:128 Resp: 289040  
Ion Ratio Lower Upper  
128 100  
129 11.4 8.5 12.7  
127 13.2 10.2 15.4



#32  
Benzoic acid  
Concen: 45.43 ng  
RT: 10.237 min Scan# 1225  
Delta R.T. 0.004 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

Tgt Ion:122 Resp: 65295  
Ion Ratio Lower Upper  
122 100  
105 152.1 92.3 132.3#  
77 114.4 66.5 106.5#

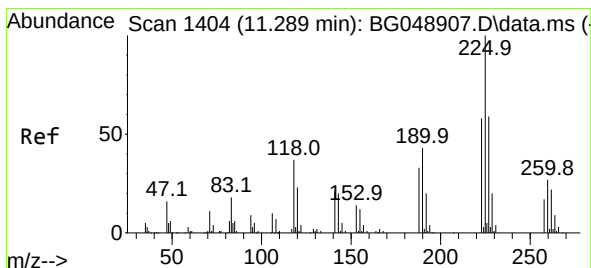
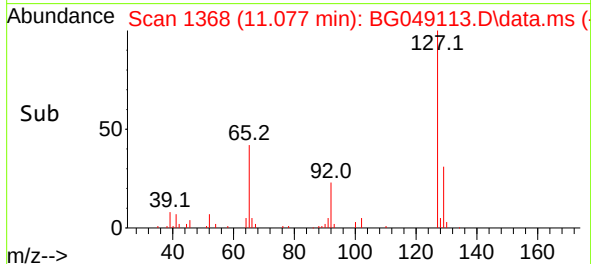
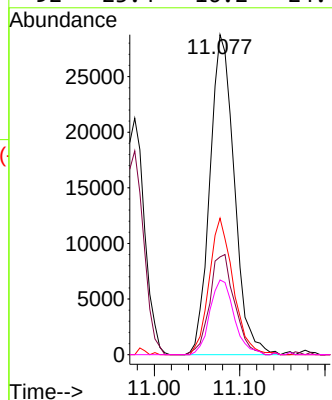
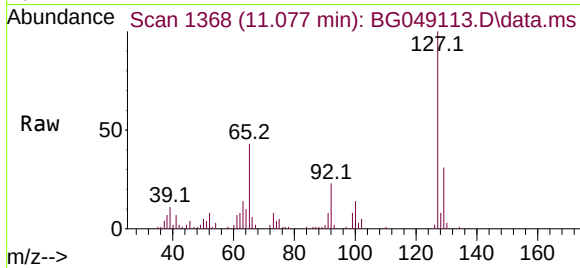




#33  
4-Chloroaniline  
Concen: 16.54 ng  
RT: 11.077 min Scan# 1368  
Delta R.T. -0.007 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

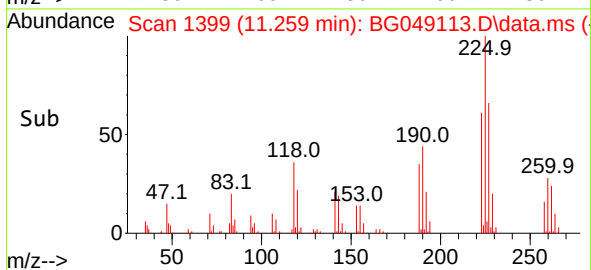
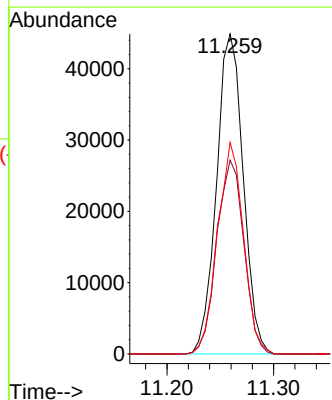
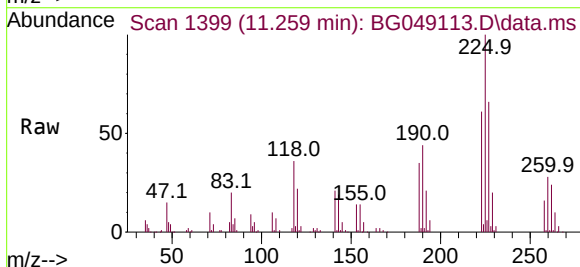
Instrument :  
BNA\_G  
ClientSampleId :  
MANHOLE-WC-SMSD

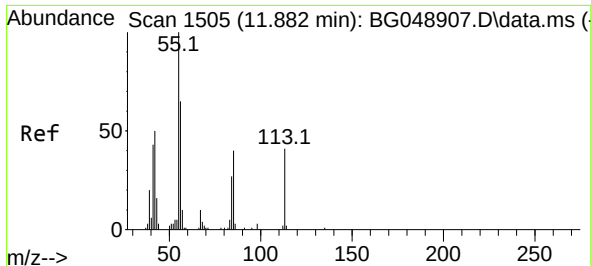
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 127   | Resp: | 57298 |
| Ion Ratio | Lower | Upper |       |
| 127       | 100   |       |       |
| 129       | 30.6  | 26.7  | 40.1  |
| 65        | 42.6  | 32.8  | 49.2  |
| 92        | 23.4  | 16.2  | 24.4  |



#34  
Hexachlorobutadiene  
Concen: 38.67 ng  
RT: 11.259 min Scan# 1399  
Delta R.T. -0.007 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 78004 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 60.6  | 49.8  | 74.8  |
| 227       | 66.1  | 46.4  | 69.6  |

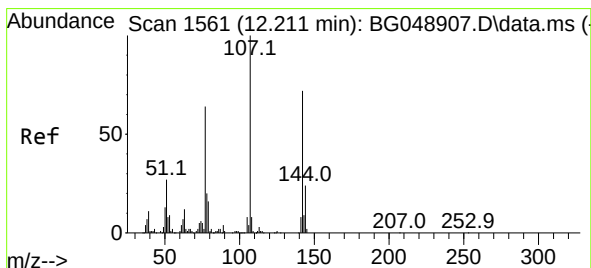
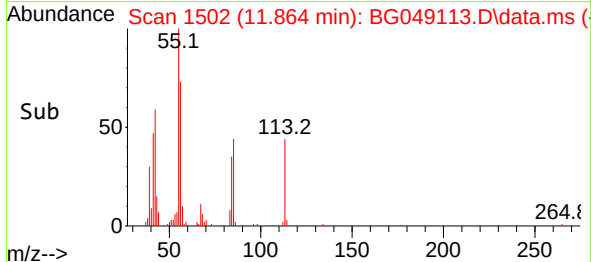
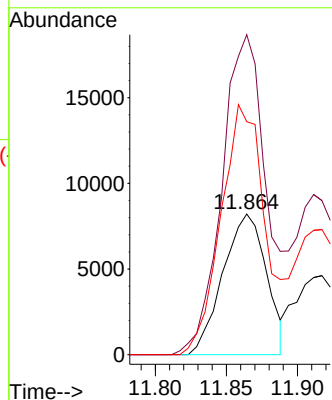
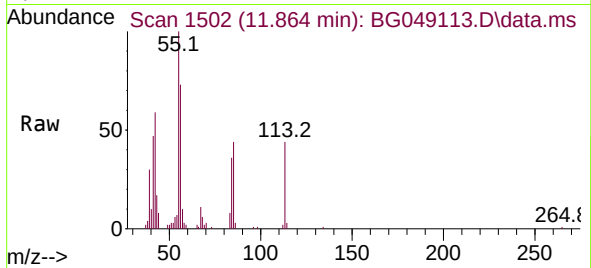




#35  
Caprolactam  
Concen: 24.47 ng  
RT: 11.864 min Scan# 1502  
Delta R.T. -0.001 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

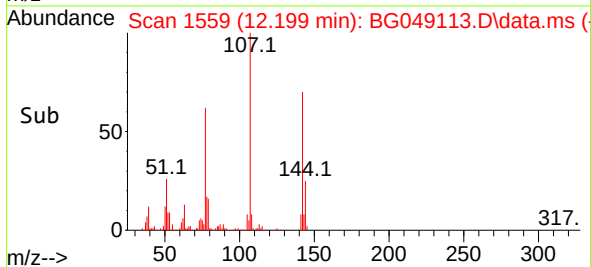
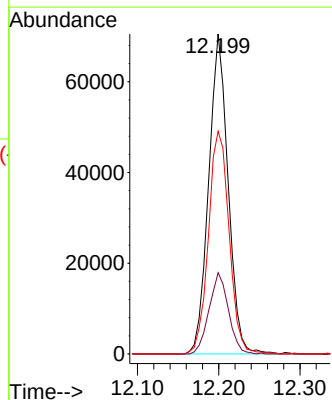
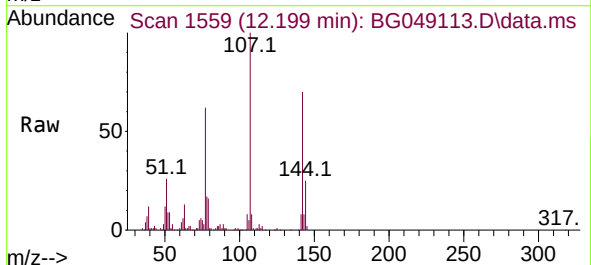
Instrument :  
BNA\_G  
ClientSampleId :  
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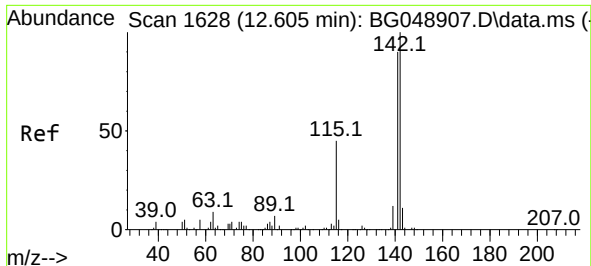
Tgt Ion:113 Resp: 17461  
Ion Ratio Lower Upper  
113 100  
55 227.6 113.8 153.8#  
56 165.8 105.6 145.6#



#36  
4-Chloro-3-methylphenol  
Concen: 38.84 ng  
RT: 12.199 min Scan# 1559  
Delta R.T. -0.001 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

Tgt Ion:107 Resp: 117213  
Ion Ratio Lower Upper  
107 100  
144 25.4 24.8 37.2  
142 69.6 62.2 93.4

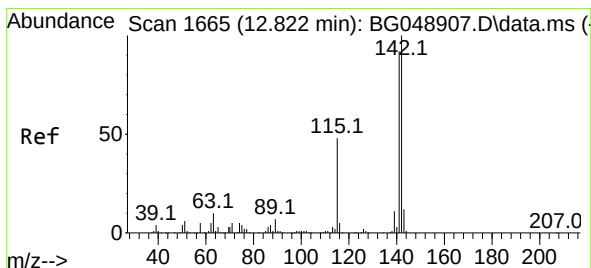
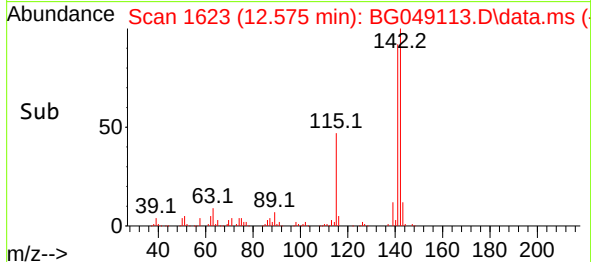
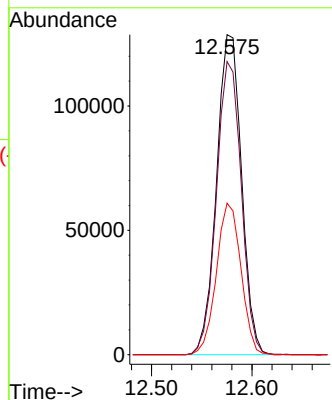
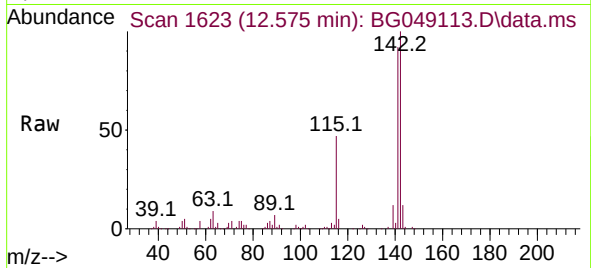




#37  
2-Methylnaphthalene  
Concen: 36.16 ng  
RT: 12.575 min Scan# 1623  
Delta R.T. -0.007 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

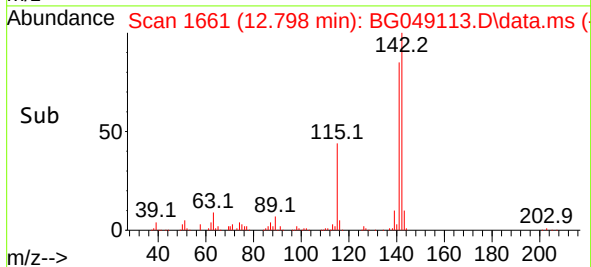
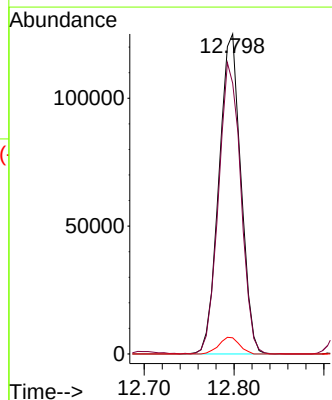
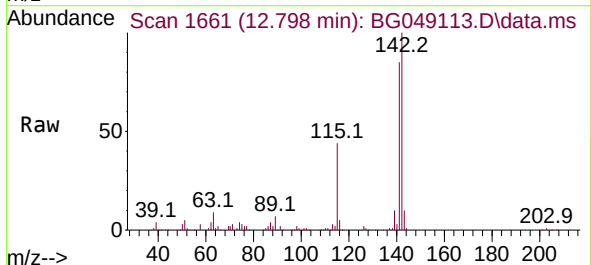
Instrument :  
BNA\_G  
ClientSampleId :  
MANHOLE-WC-SMSD

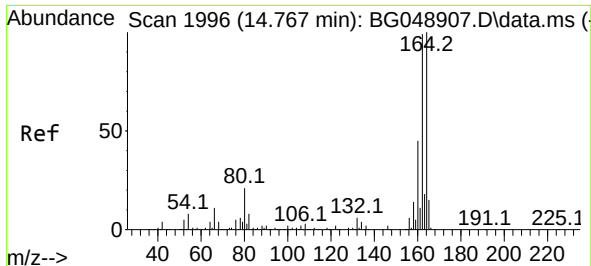
Tgt Ion:142 Resp: 222888  
Ion Ratio Lower Upper  
142 100  
141 91.6 68.8 103.2  
115 47.4 36.4 54.6



#38  
1-Methylnaphthalene  
Concen: 36.65 ng  
RT: 12.798 min Scan# 1661  
Delta R.T. -0.001 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

Tgt Ion:142 Resp: 212045  
Ion Ratio Lower Upper  
142 100  
141 84.6 70.6 106.0  
116 5.1 4.0 6.0

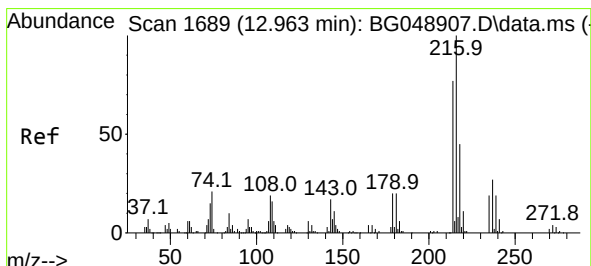
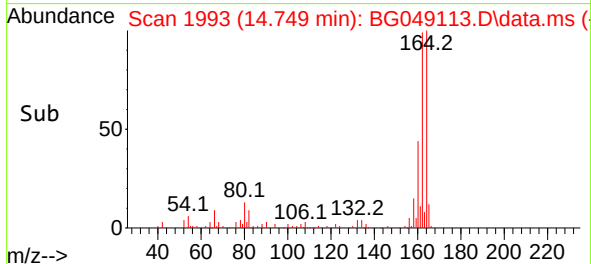
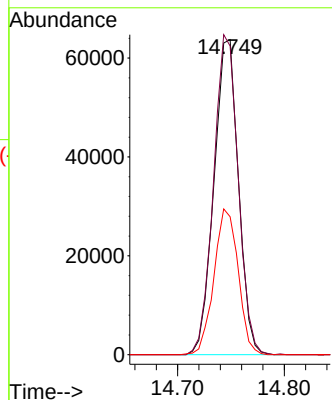
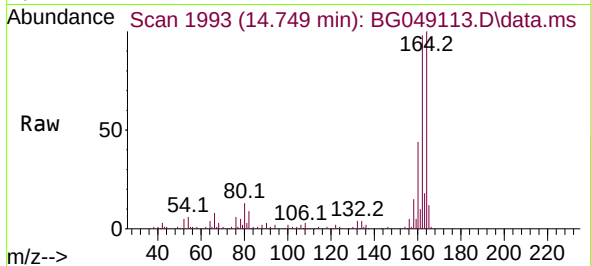




#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.749 min Scan# 1993  
Delta R.T. -0.001 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

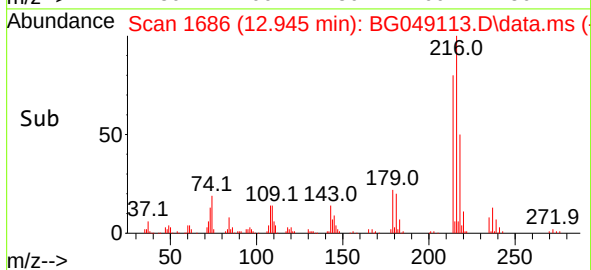
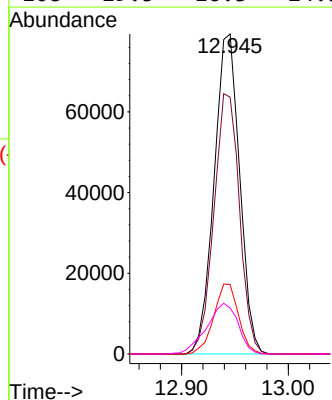
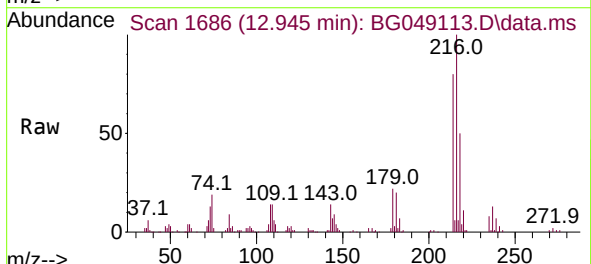
Instrument :  
BNA\_G  
ClientSampleId :  
MANHOLE-WC-SMSD

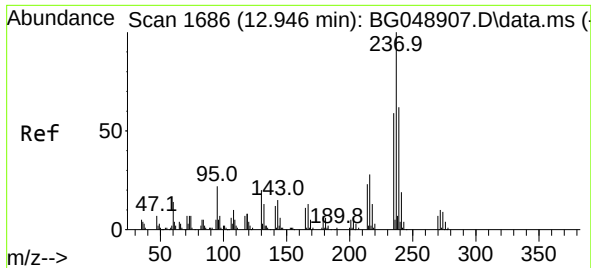
Tgt Ion:164 Resp: 101393  
Ion Ratio Lower Upper  
164 100  
162 98.0 81.4 122.0  
160 43.8 34.9 52.3



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 40.96 ng  
RT: 12.945 min Scan# 1686  
Delta R.T. -0.001 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

Tgt Ion:216 Resp: 131862  
Ion Ratio Lower Upper  
216 100  
214 81.3 61.4 92.2  
179 21.2 17.3 25.9  
108 19.5 16.3 24.5

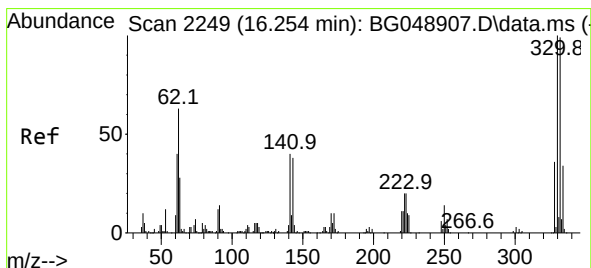
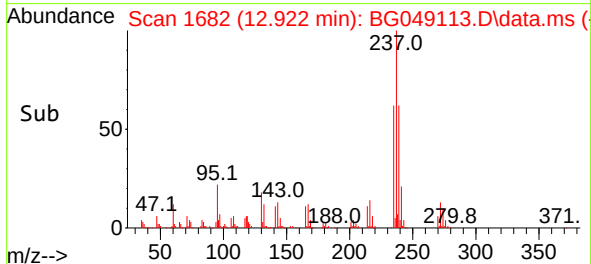
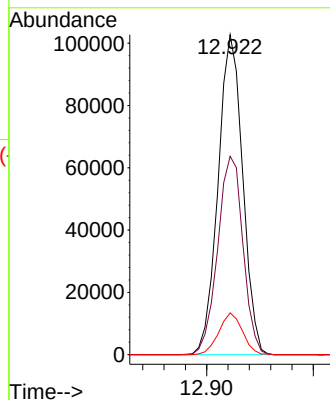
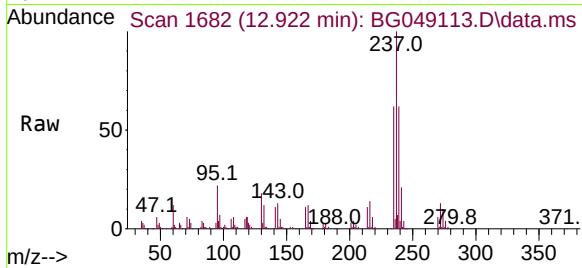




#41  
Hexachlorocyclopentadiene  
Concen: 79.45 ng  
RT: 12.922 min Scan# 1682  
Delta R.T. -0.007 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

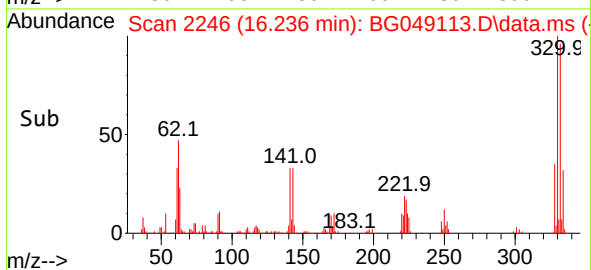
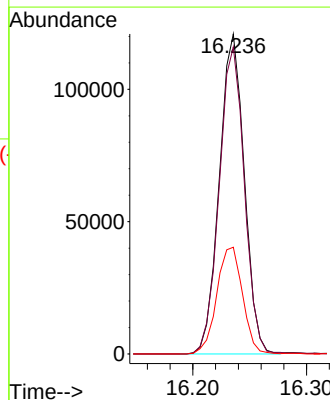
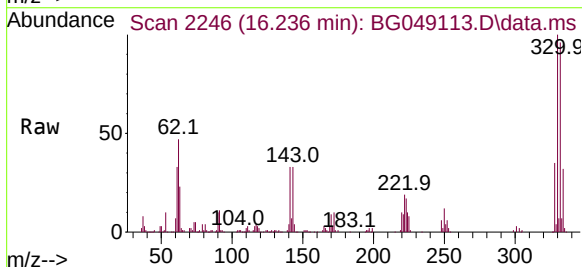
Instrument :  
BNA\_G  
ClientSampleId :  
MANHOLE-WC-SMSD

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:237 | Resp: | 164435    |
| Ion Ratio   | Lower | Upper     |
| 237         | 100   |           |
| 235         | 62.0  | 36.6 76.6 |
| 272         | 13.1  | 0.0 32.5  |

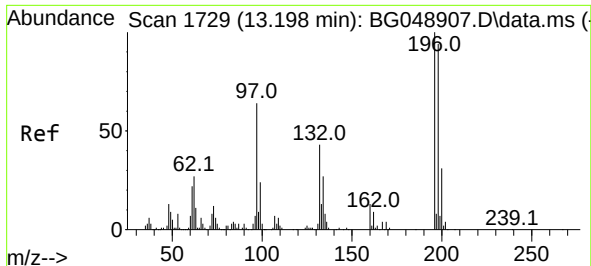


#42  
2,4,6-Tribromophenol  
Concen: 122.75 ng  
RT: 16.236 min Scan# 2246  
Delta R.T. -0.001 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:330 | Resp: | 184390     |
| Ion Ratio   | Lower | Upper      |
| 330         | 100   |            |
| 332         | 96.8  | 77.3 115.9 |
| 141         | 34.4  | 35.6 53.4# |



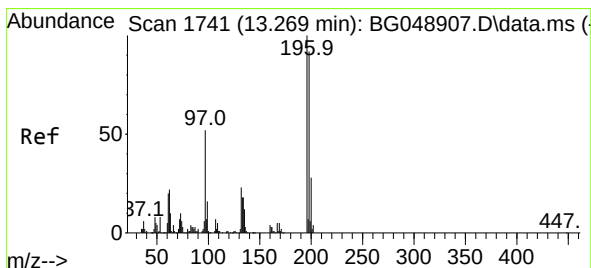
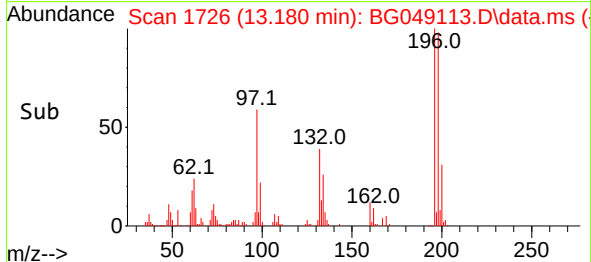
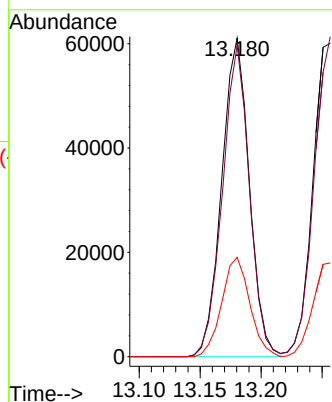
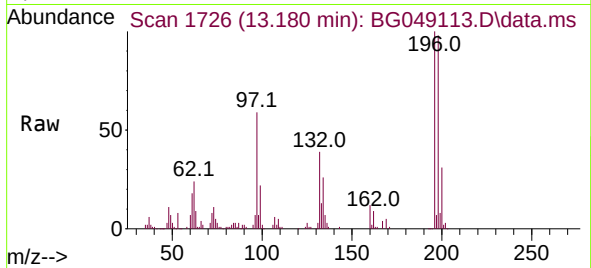




#43  
2,4,6-Trichlorophenol  
Concen: 44.59 ng  
RT: 13.180 min Scan# 1726  
Delta R.T. -0.001 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

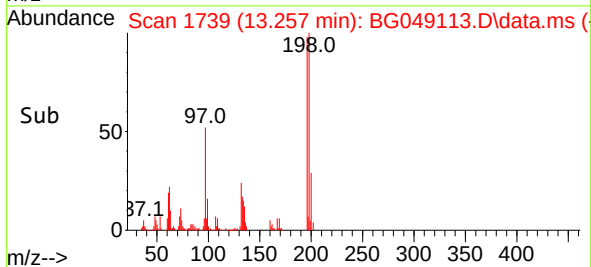
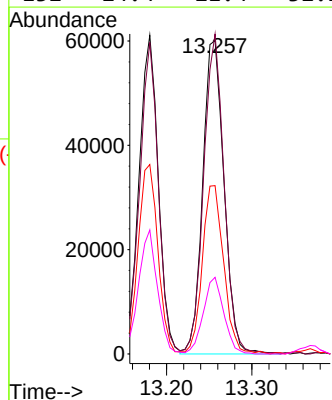
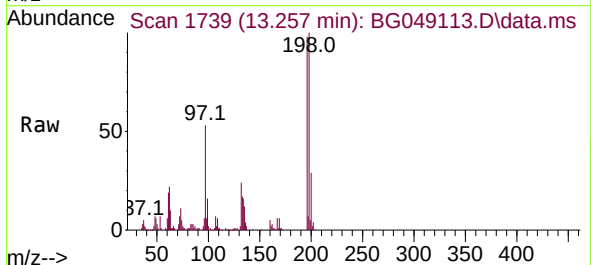
Instrument :  
BNA\_G  
ClientSampleId :  
MANHOLE-WC-SMSD

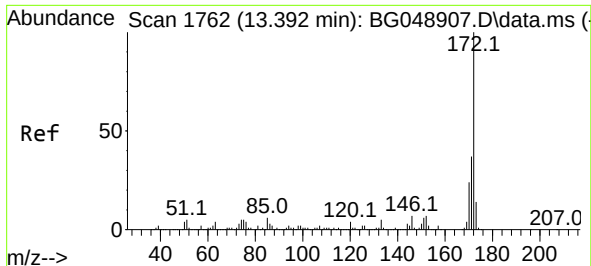
Tgt Ion:196 Resp: 96061  
Ion Ratio Lower Upper  
196 100  
198 97.7 82.1 123.1  
200 31.2 23.8 35.8



#44  
2,4,5-Trichlorophenol  
Concen: 46.90 ng  
RT: 13.257 min Scan# 1739  
Delta R.T. -0.001 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

Tgt Ion:196 Resp: 104479  
Ion Ratio Lower Upper  
196 100  
198 102.1 87.4 131.0  
97 53.7 43.3 64.9  
132 24.4 21.4 32.2

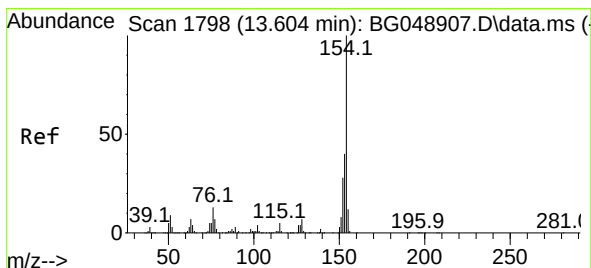
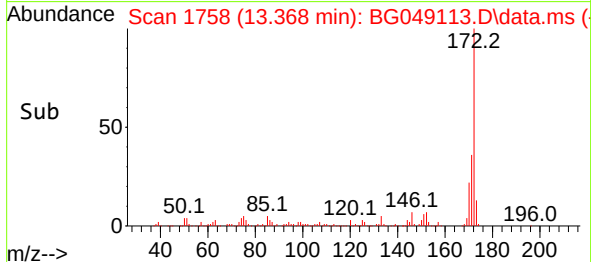
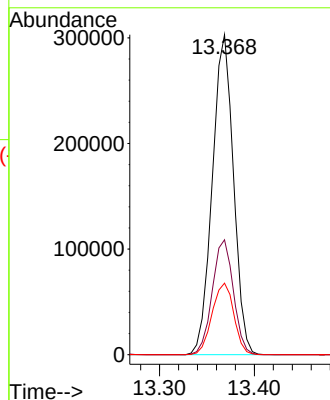
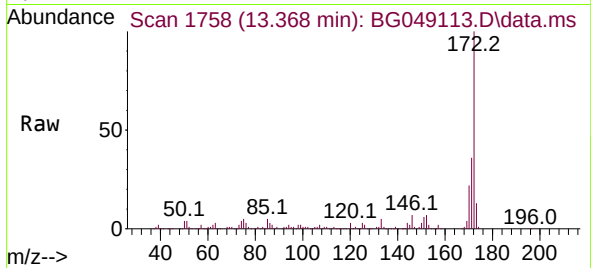




#45  
2-Fluorobiphenyl  
Concen: 65.45 ng  
RT: 13.368 min Scan# 1758  
Delta R.T. -0.001 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

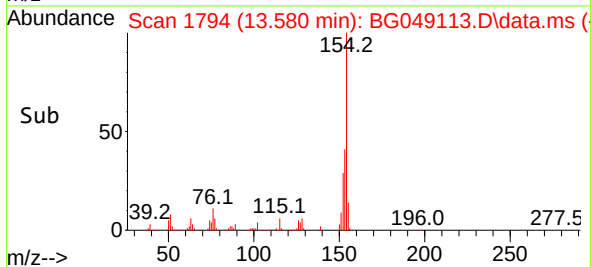
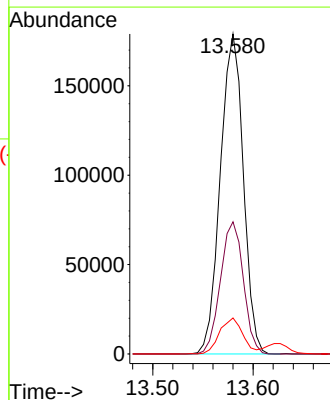
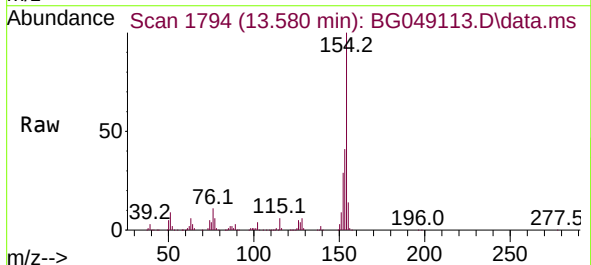
Instrument :  
BNA\_G  
ClientSampleId :  
MANHOLE-WC-SMSD

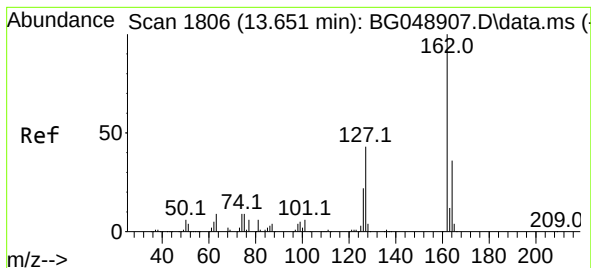
Tgt Ion:172 Resp: 469776  
Ion Ratio Lower Upper  
172 100  
171 35.9 28.6 43.0  
170 22.4 18.6 27.8



#46  
1,1'-Biphenyl  
Concen: 38.01 ng  
RT: 13.580 min Scan# 1794  
Delta R.T. -0.001 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

Tgt Ion:154 Resp: 284171  
Ion Ratio Lower Upper  
154 100  
153 41.3 20.5 60.5  
76 11.3 0.0 29.3

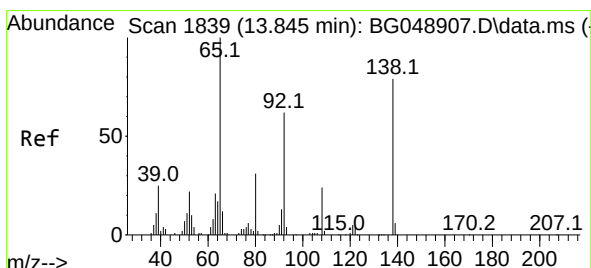
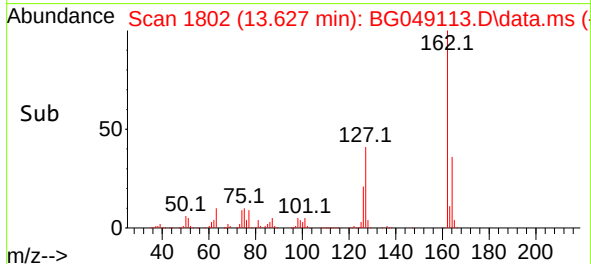
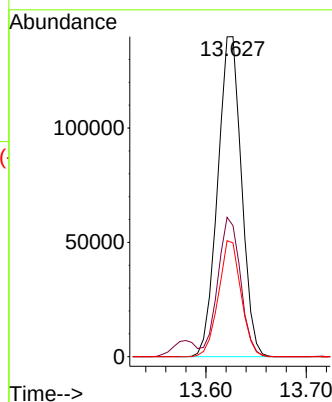
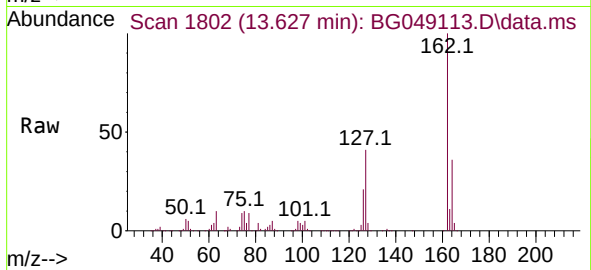




#47  
2-Chloronaphthalene  
Concen: 38.62 ng  
RT: 13.627 min Scan# 1802  
Delta R.T. -0.001 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

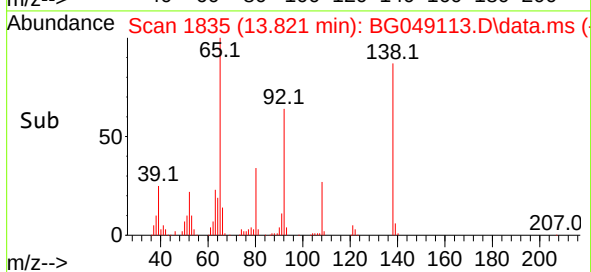
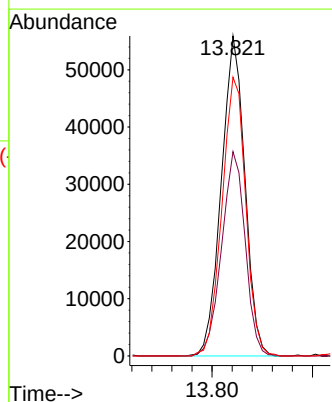
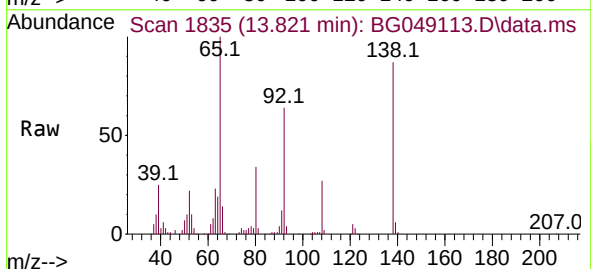
Instrument :  
BNA\_G  
ClientSampleId :  
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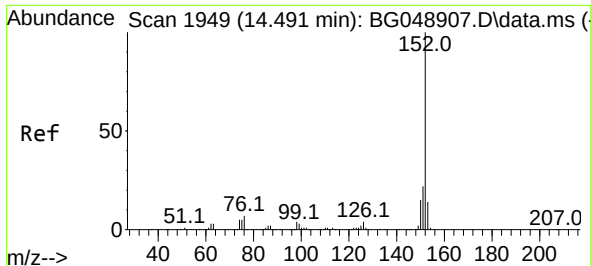
Tgt Ion:162 Resp: 230541  
Ion Ratio Lower Upper  
162 100  
127 41.0 32.7 49.1  
164 35.5 27.0 40.4



#48  
2-Nitroaniline  
Concen: 42.78 ng  
RT: 13.821 min Scan# 1835  
Delta R.T. -0.007 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

Tgt Ion: 65 Resp: 90943  
Ion Ratio Lower Upper  
65 100  
92 63.8 47.2 70.8  
138 87.1 68.0 102.0

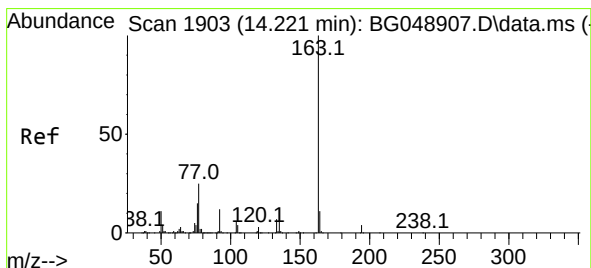
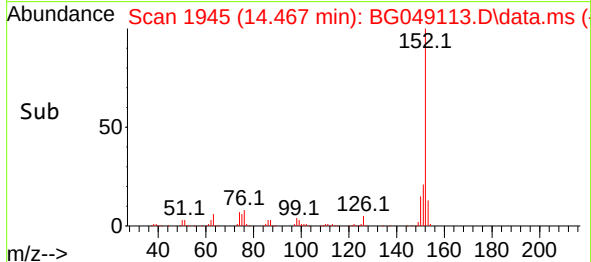
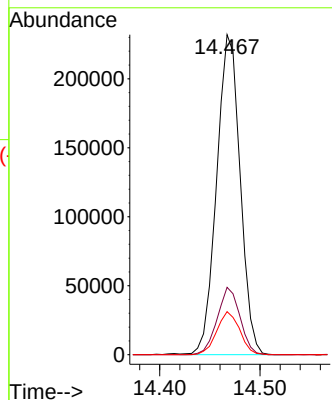
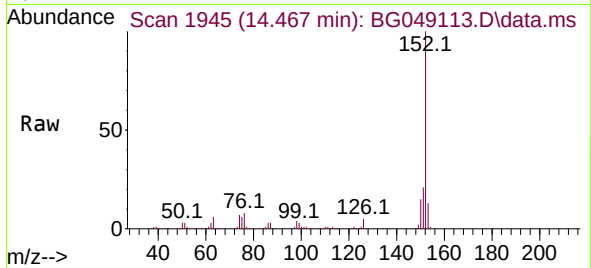




#49  
Acenaphthylene  
Concen: 37.90 ng  
RT: 14.467 min Scan# 1945  
Delta R.T. -0.007 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

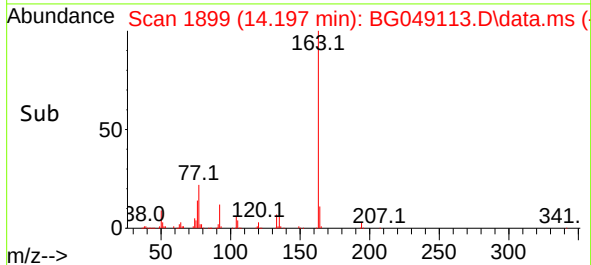
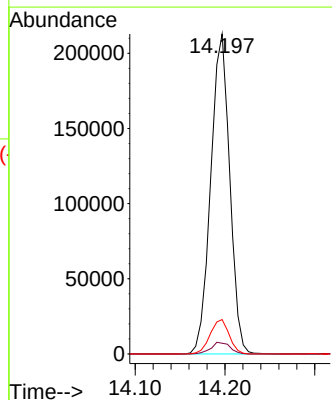
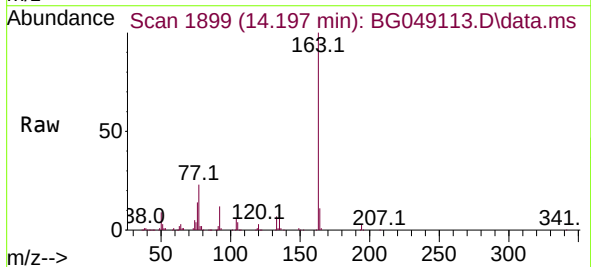
Instrument :  
BNA\_G  
ClientSampleId :  
MANHOLE-WC-SMSD

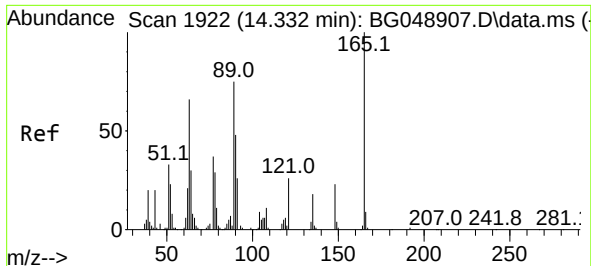
Tgt Ion:152 Resp: 377054  
Ion Ratio Lower Upper  
152 100  
151 21.0 18.2 27.4  
153 13.5 11.7 17.5



#50  
Dimethylphthalate  
Concen: 39.58 ng  
RT: 14.197 min Scan# 1899  
Delta R.T. -0.001 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

Tgt Ion:163 Resp: 312570  
Ion Ratio Lower Upper  
163 100  
194 3.4 3.0 4.6  
164 10.7 8.6 12.8

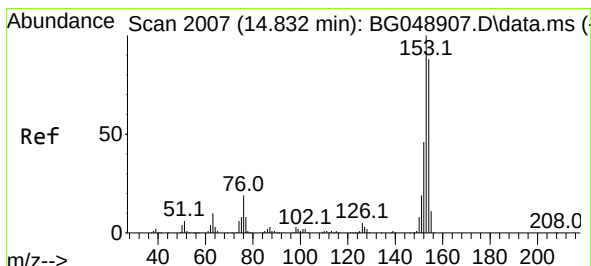
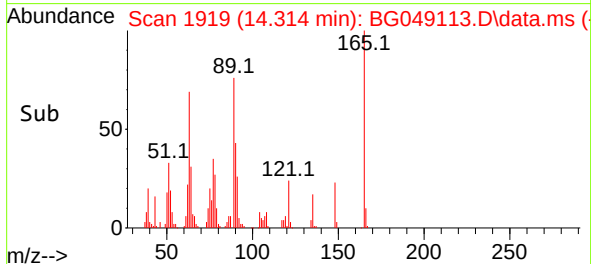
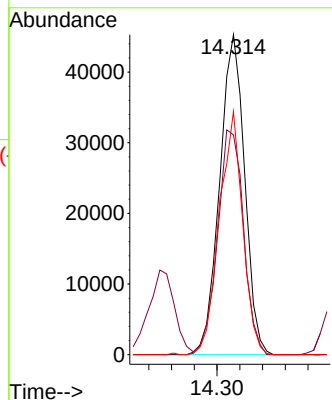
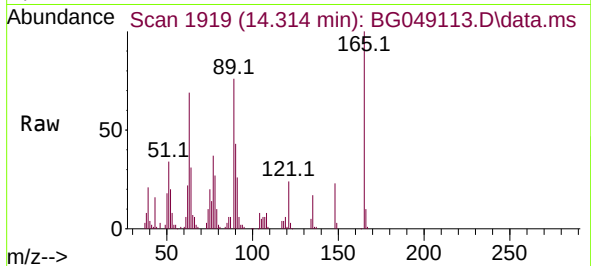




#51  
2,6-Dinitrotoluene  
Concen: 42.87 ng  
RT: 14.314 min Scan# 1919  
Delta R.T. -0.001 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

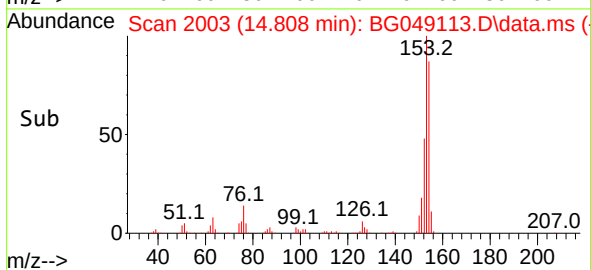
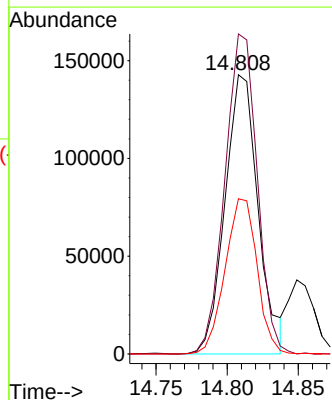
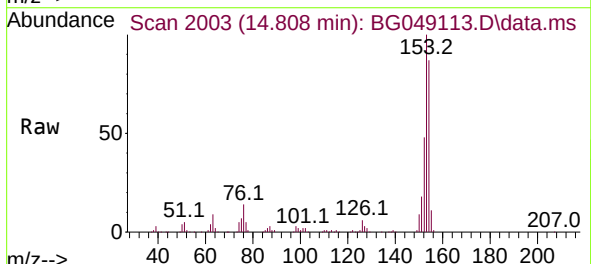
Instrument :  
BNA\_G  
ClientSampleId :  
MANHOLE-WC-SMSD

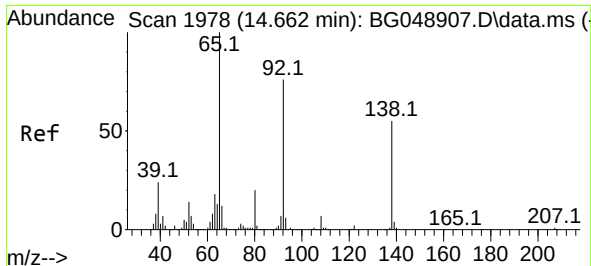
Tgt Ion:165 Resp: 68961  
Ion Ratio Lower Upper  
165 100  
63 68.7 63.3 94.9  
89 75.9 63.4 95.0



#52  
Acenaphthene  
Concen: 36.10 ng  
RT: 14.808 min Scan# 2003  
Delta R.T. -0.007 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

Tgt Ion:154 Resp: 231468  
Ion Ratio Lower Upper  
154 100  
153 114.6 87.0 130.4  
152 55.6 40.1 60.1

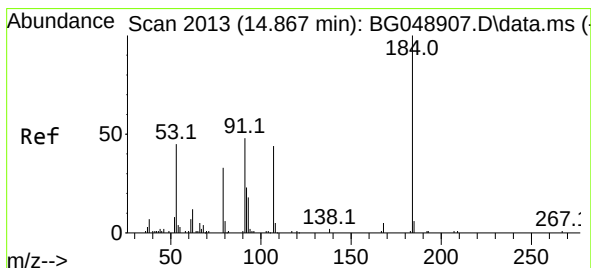
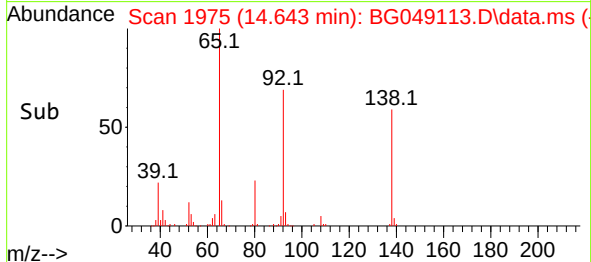
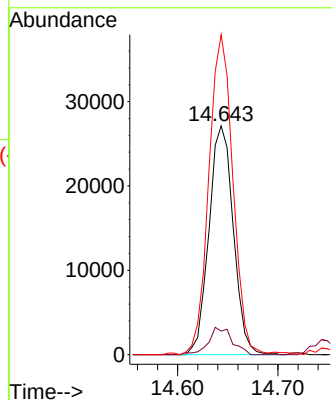
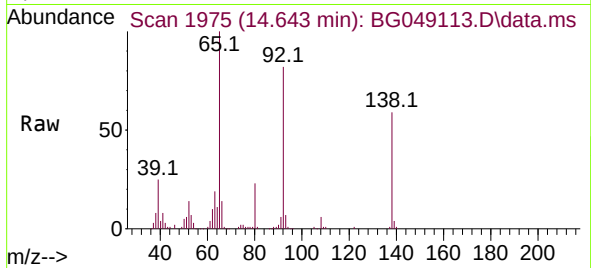




#53  
3-Nitroaniline  
Concen: 28.05 ng  
RT: 14.643 min Scan# 1975  
Delta R.T. -0.001 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

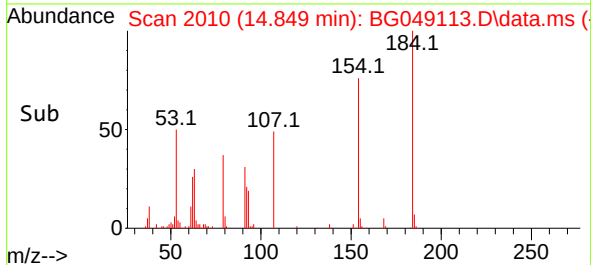
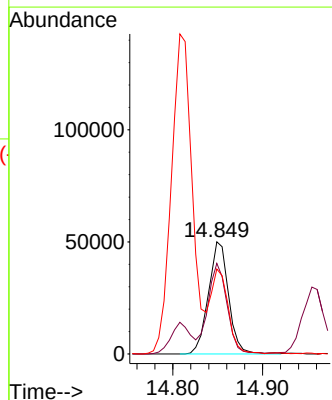
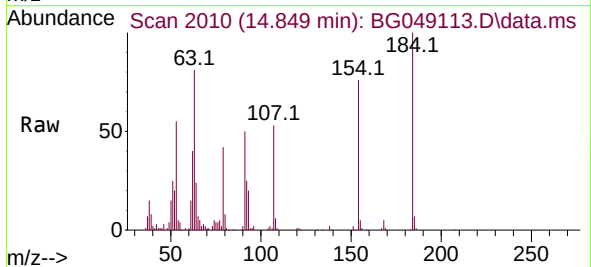
Instrument :  
BNA\_G  
ClientSampleId :  
MANHOLE-WC-SMSD

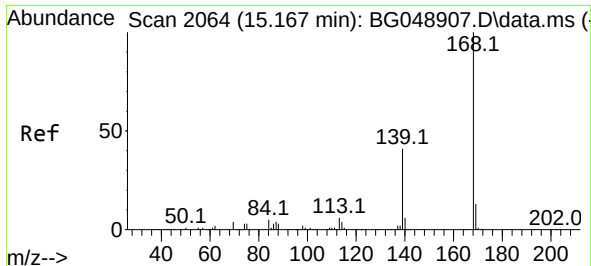
Tgt Ion:138 Resp: 45674  
Ion Ratio Lower Upper  
138 100  
108 10.3 8.3 12.5  
92 139.9 96.4 144.6



#54  
2,4-Dinitrophenol  
Concen: 104.48 ng  
RT: 14.849 min Scan# 2010  
Delta R.T. -0.001 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

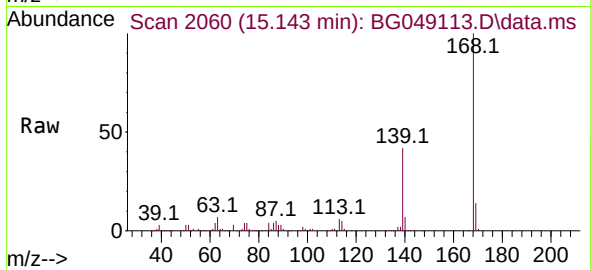
Tgt Ion:184 Resp: 77839  
Ion Ratio Lower Upper  
184 100  
63 80.8 68.3 102.5  
154 75.7 62.6 93.8



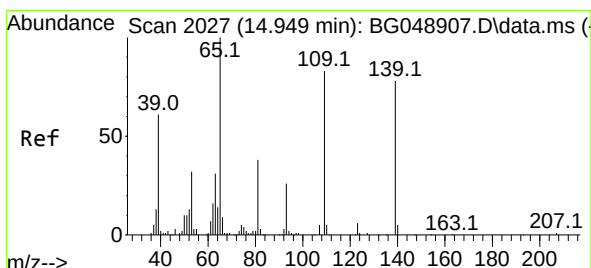
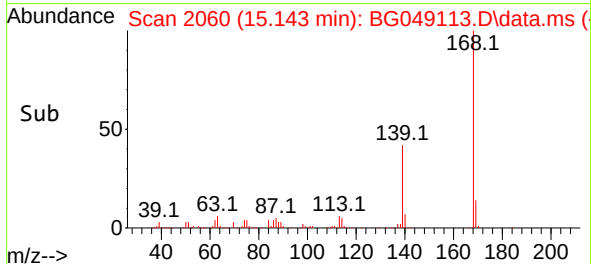
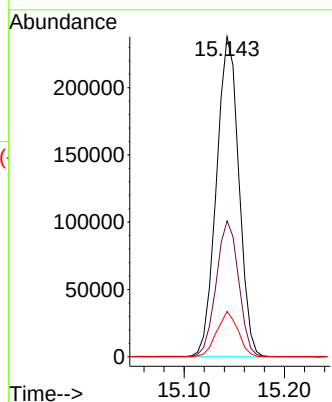


#55  
Dibenzofuran  
Concen: 36.97 ng  
RT: 15.143 min Scan# 2060  
Delta R.T. -0.001 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

Instrument :  
BNA\_G  
ClientSampleId :  
MANHOLE-WC-SMSD

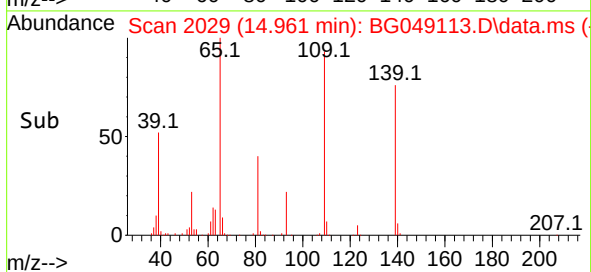
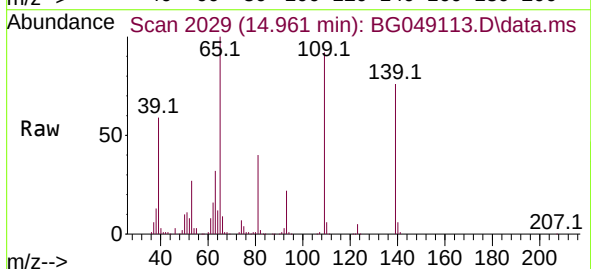
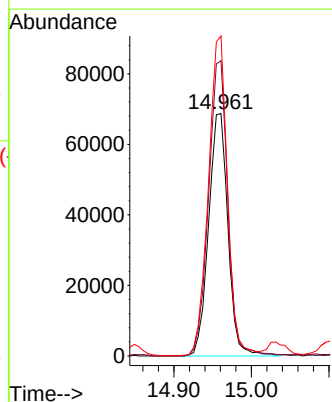


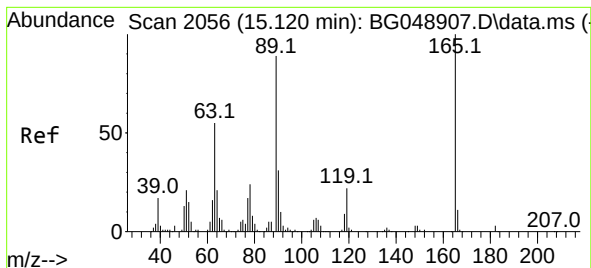
Tgt Ion:168 Resp: 368407  
Ion Ratio Lower Upper  
168 100  
139 42.4 33.4 50.2  
169 14.2 12.3 18.5



#56  
4-Nitrophenol  
Concen: 89.80 ng  
RT: 14.961 min Scan# 2029  
Delta R.T. 0.004 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

Tgt Ion:139 Resp: 119214  
Ion Ratio Lower Upper  
139 100  
109 121.8 116.3 156.3  
65 132.1 105.0 145.0

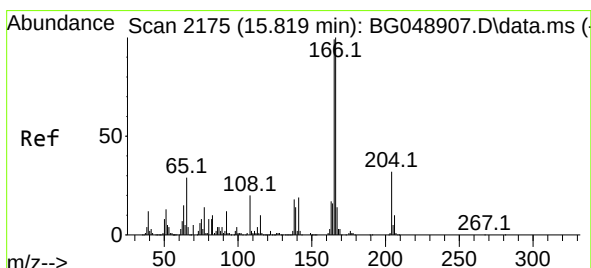
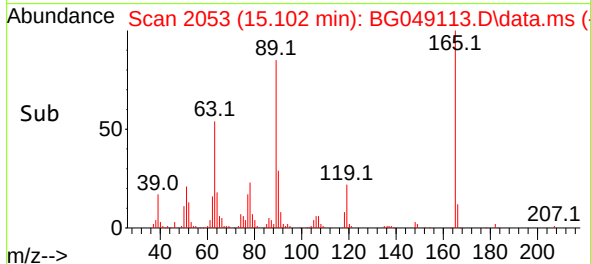
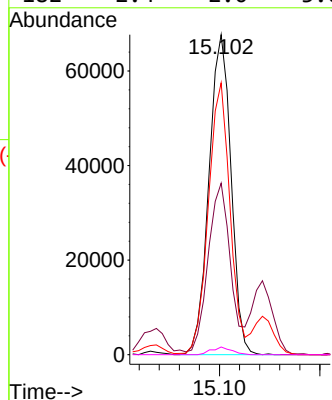
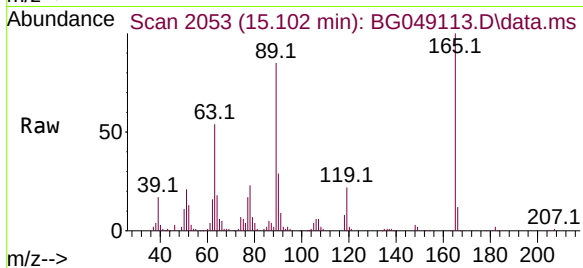




#57  
2,4-Dinitrotoluene  
Concen: 52.40 ng  
RT: 15.102 min Scan# 2053  
Delta R.T. -0.001 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

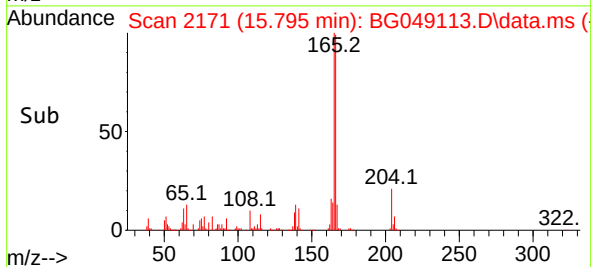
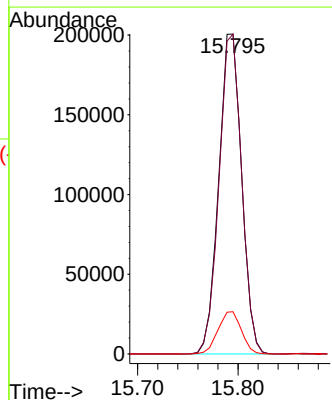
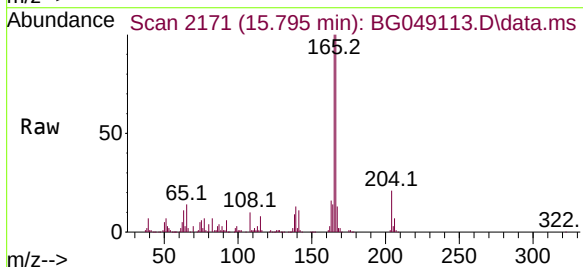
Instrument :  
BNA\_G  
ClientSampleId :  
MANHOLE-WC-SMSD

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:165 | Resp: | 103516    |
| Ion Ratio   | Lower | Upper     |
| 165         | 100   |           |
| 63          | 53.6  | 48.0 72.0 |
| 89          | 84.9  | 65.4 98.0 |
| 182         | 2.4   | 2.0 3.0   |

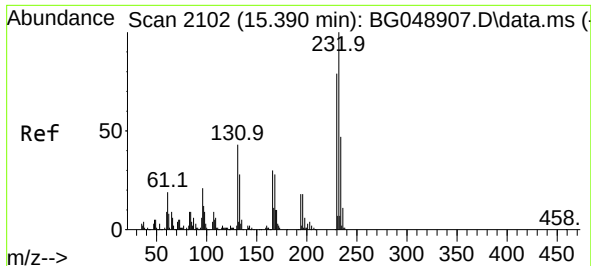


#58  
Fluorene  
Concen: 38.95 ng  
RT: 15.795 min Scan# 2171  
Delta R.T. -0.001 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:166 | Resp: | 317464     |
| Ion Ratio   | Lower | Upper      |
| 166         | 100   |            |
| 165         | 100.0 | 77.7 116.5 |
| 167         | 13.2  | 10.8 16.2  |



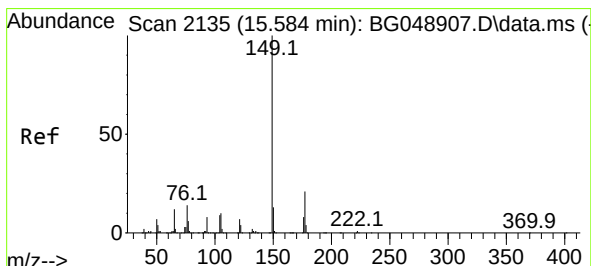
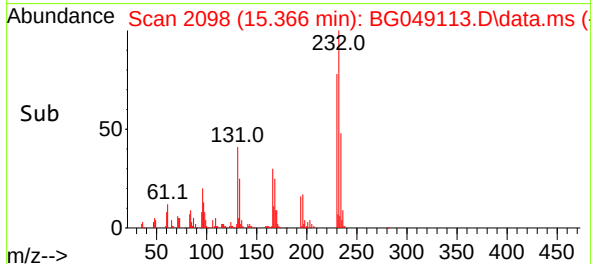
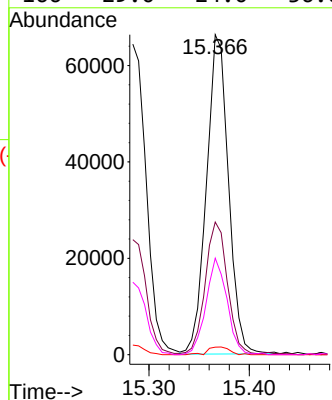
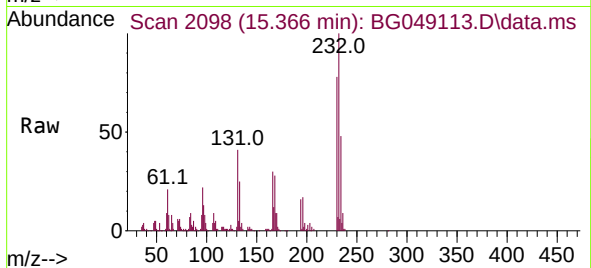




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 44.92 ng  
RT: 15.366 min Scan# 2098  
Delta R.T. -0.007 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

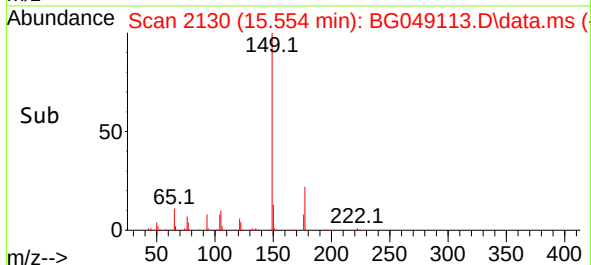
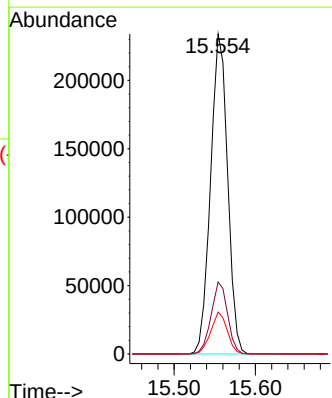
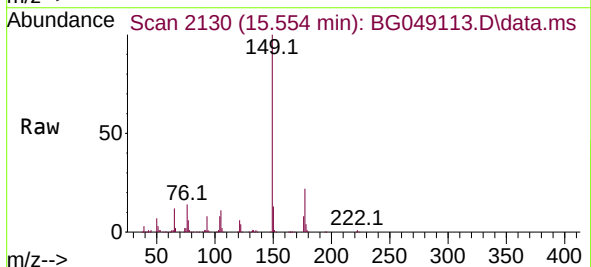
Instrument :  
BNA\_G  
ClientSampleId :  
MANHOLE-WC-SMSD

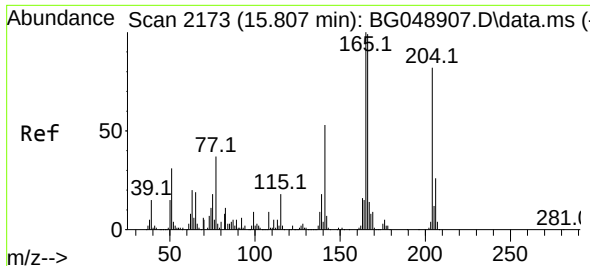
Tgt Ion:232 Resp: 101295  
Ion Ratio Lower Upper  
232 100  
131 41.2 37.2 55.8  
130 2.4 2.8 4.2#  
166 29.0 24.0 36.0



#60  
Diethylphthalate  
Concen: 39.75 ng  
RT: 15.554 min Scan# 2130  
Delta R.T. -0.007 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

Tgt Ion:149 Resp: 340029  
Ion Ratio Lower Upper  
149 100  
177 22.5 19.0 28.6  
150 13.1 10.2 15.4

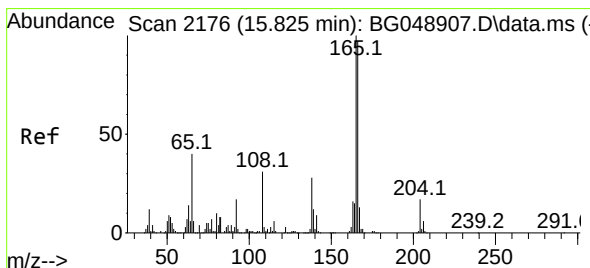
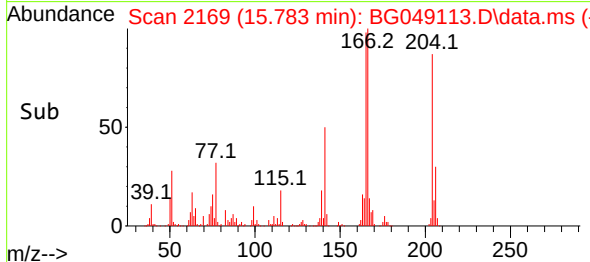
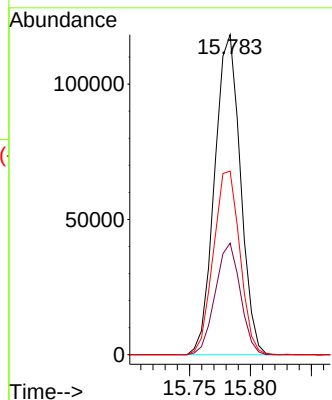
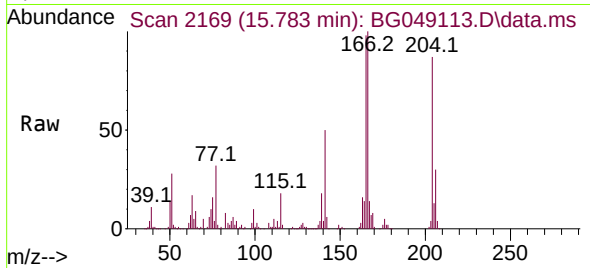




#61  
4-Chlorophenyl-phenylether  
Concen: 40.90 ng  
RT: 15.783 min Scan# 2169  
Delta R.T. -0.001 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

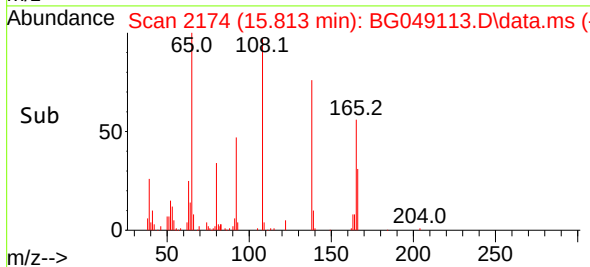
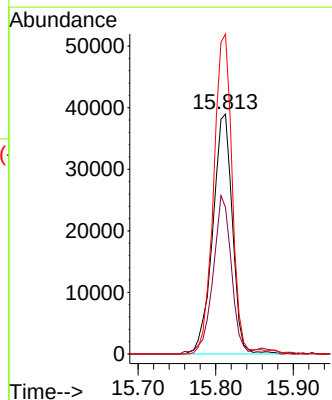
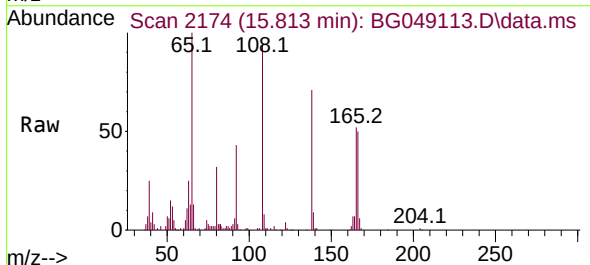
Instrument :  
BNA\_G  
ClientSampleId :  
MANHOLE-WC-SMSD

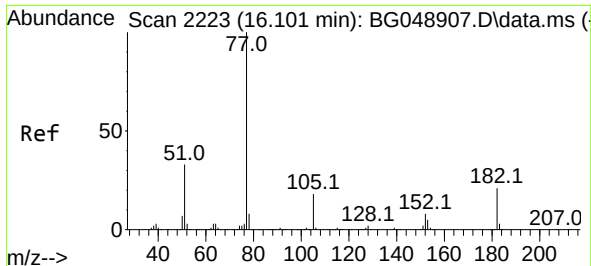
Tgt Ion:204 Resp: 174284  
Ion Ratio Lower Upper  
204 100  
206 34.9 24.6 37.0  
141 57.4 47.8 71.8



#62  
4-Nitroaniline  
Concen: 41.63 ng  
RT: 15.813 min Scan# 2174  
Delta R.T. 0.004 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

Tgt Ion:138 Resp: 68556  
Ion Ratio Lower Upper  
138 100  
92 61.1 32.3 72.3  
108 133.4 132.4 172.4

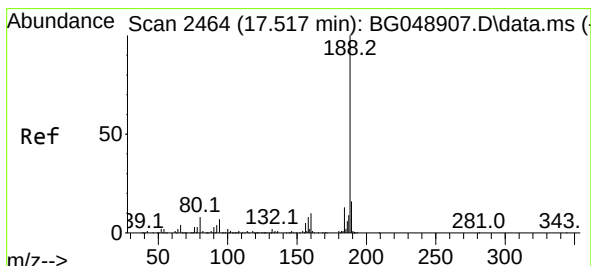
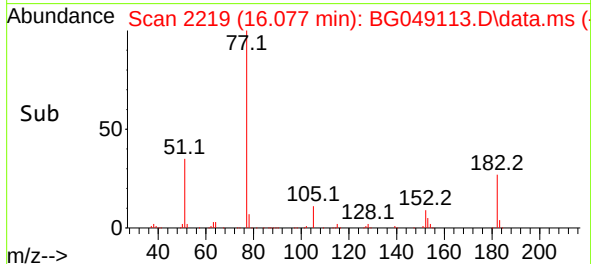
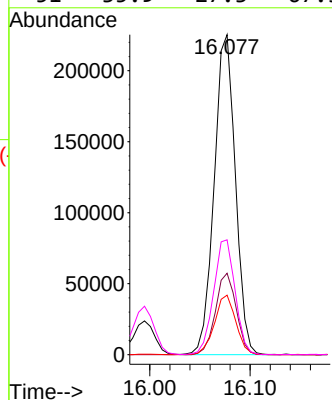
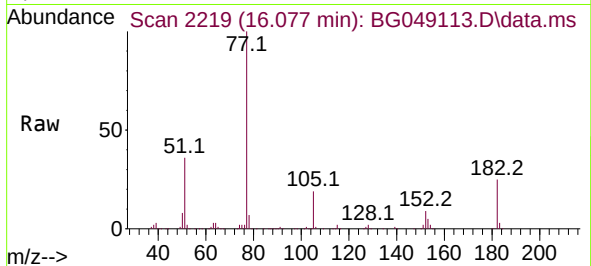




#63  
Azobenzene  
Concen: 33.76 ng  
RT: 16.077 min Scan# 2219  
Delta R.T. -0.001 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

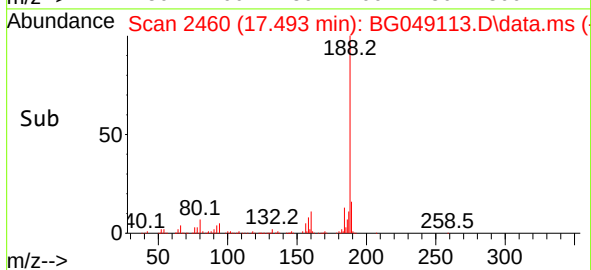
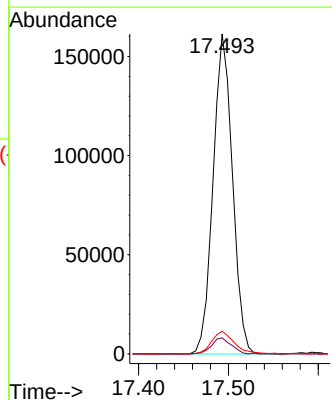
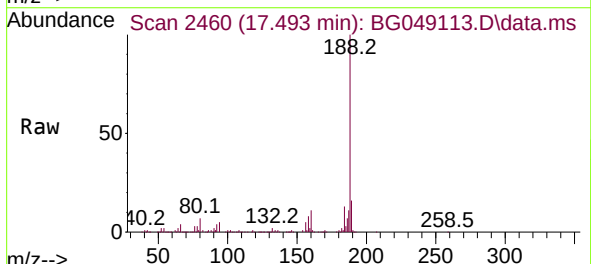
Instrument :  
BNA\_G  
ClientSampleId :  
MANHOLE-WC-SMSD

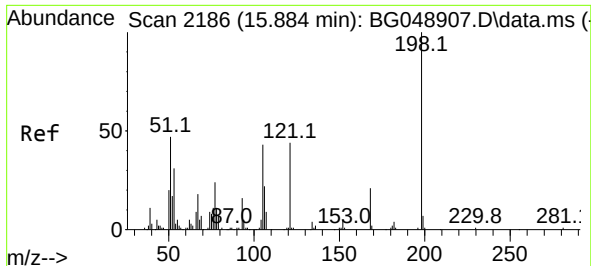
|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 330464 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 25.4    | 7.9 47.9     |
| 105 18.6    | 0.0 37.9     |
| 51 35.9     | 27.3 67.3    |



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.493 min Scan# 2460  
Delta R.T. -0.007 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

|             |              |
|-------------|--------------|
| Tgt Ion:188 | Resp: 241170 |
| Ion Ratio   | Lower Upper  |
| 188 100     |              |
| 94 5.1      | 5.4 8.0#     |
| 80 7.1      | 3.7 5.5#     |

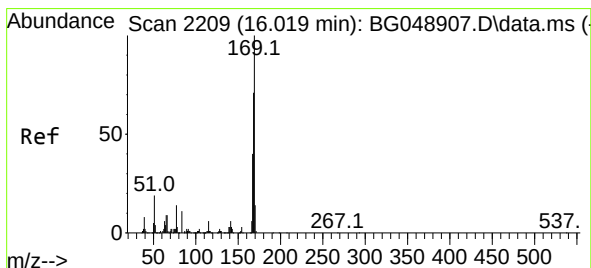
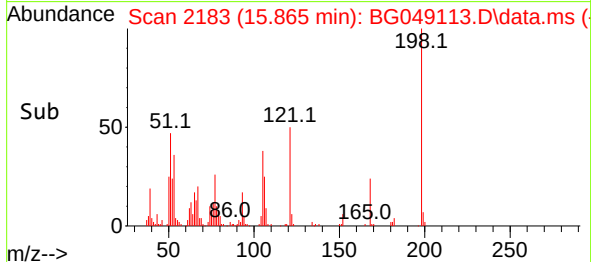
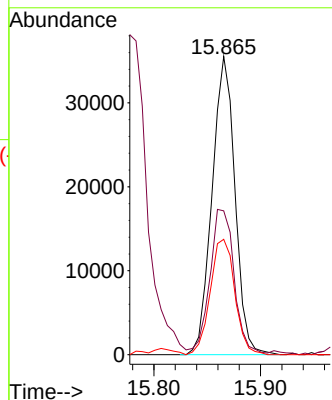
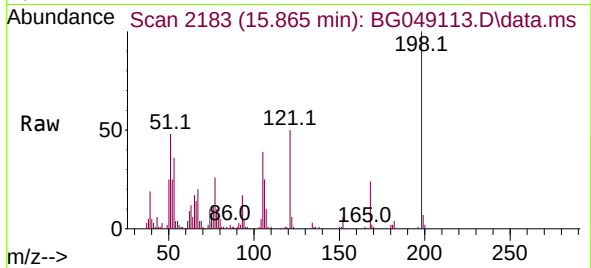




#65  
4,6-Dinitro-2-methylphenol  
Concen: 46.29 ng  
RT: 15.865 min Scan# 2183  
Delta R.T. -0.001 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

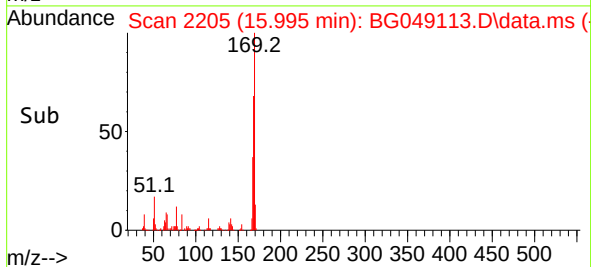
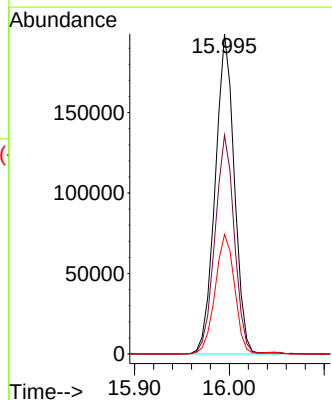
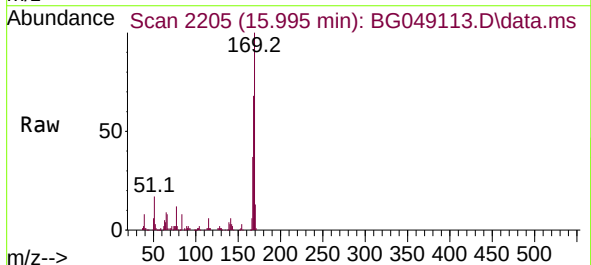
Instrument :  
BNA\_G  
ClientSampleId :  
MANHOLE-WC-SMSD

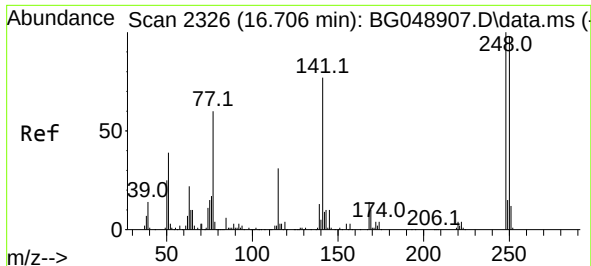
Tgt Ion:198 Resp: 52934  
Ion Ratio Lower Upper  
198 100  
51 48.2 29.4 69.4  
105 38.7 15.1 55.1



#66  
n-Nitrosodiphenylamine  
Concen: 37.13 ng  
RT: 15.995 min Scan# 2205  
Delta R.T. -0.001 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

Tgt Ion:169 Resp: 279066  
Ion Ratio Lower Upper  
169 100  
168 68.4 56.3 84.5  
167 37.4 28.4 42.6

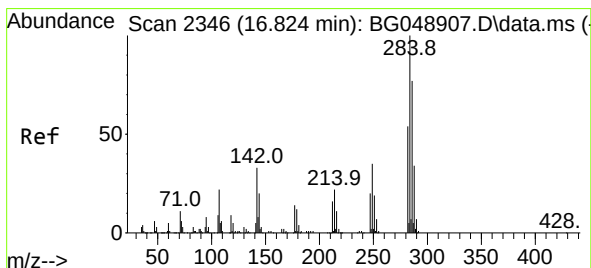
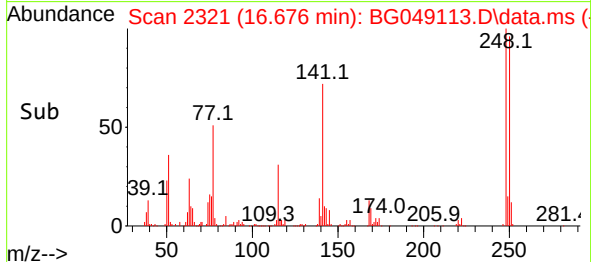
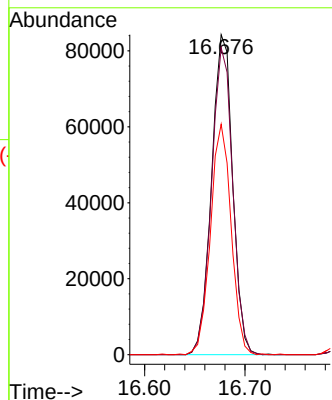
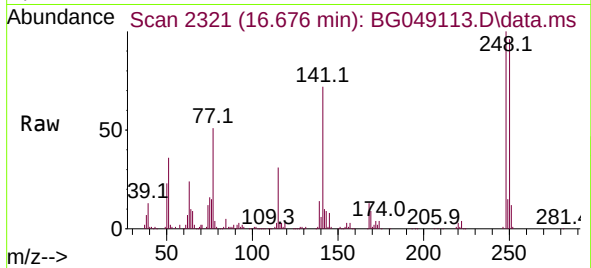




#67  
4-Bromophenyl-phenylether  
Concen: 40.87 ng  
RT: 16.676 min Scan# 2321  
Delta R.T. -0.007 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

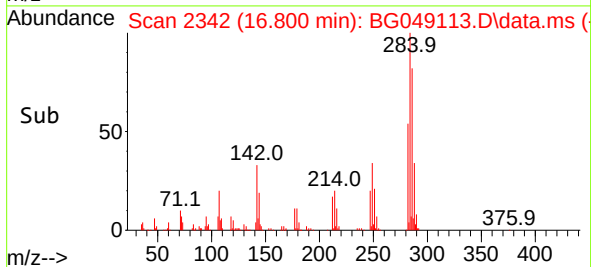
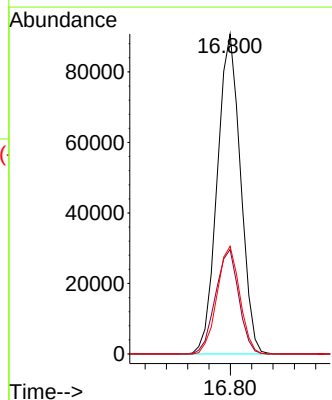
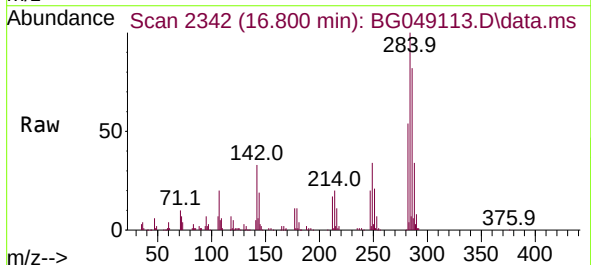
Instrument :  
BNA\_G  
ClientSampleId :  
MANHOLE-WC-SMSD

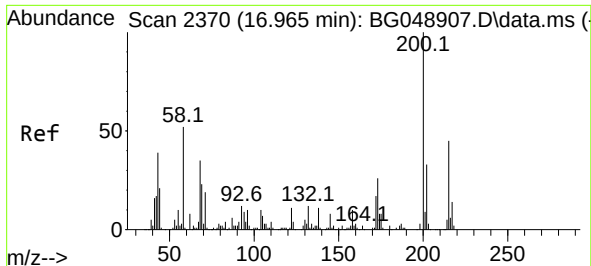
Tgt Ion:248 Resp: 123082  
Ion Ratio Lower Upper  
248 100  
250 96.0 76.1 114.1  
141 72.0 65.4 98.2



#68  
Hexachlorobenzene  
Concen: 41.99 ng  
RT: 16.800 min Scan# 2342  
Delta R.T. -0.001 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

Tgt Ion:284 Resp: 137044  
Ion Ratio Lower Upper  
284 100  
142 32.7 27.0 40.6  
249 33.7 28.2 42.2

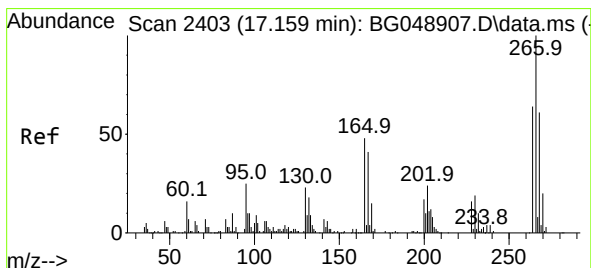
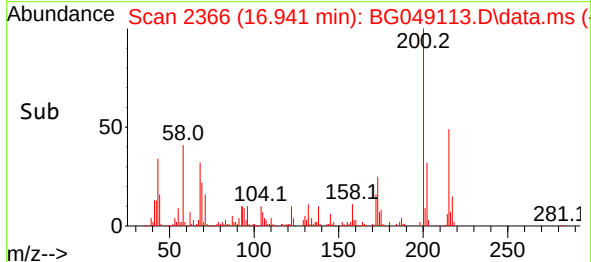
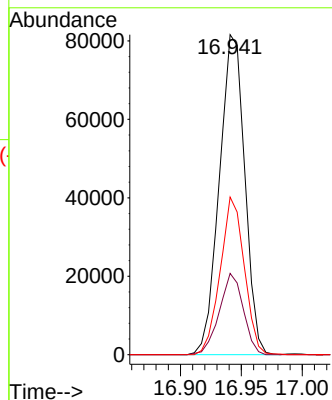
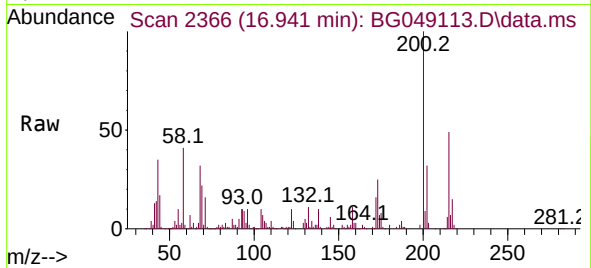




#69  
Atrazine  
Concen: 49.08 ng  
RT: 16.941 min Scan# 2366  
Delta R.T. -0.007 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

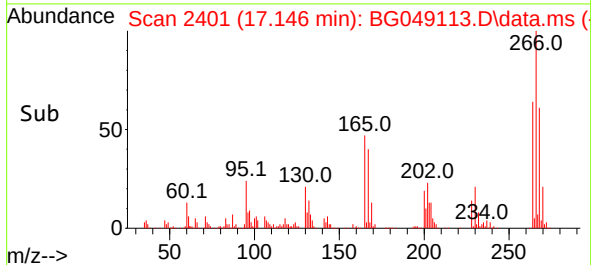
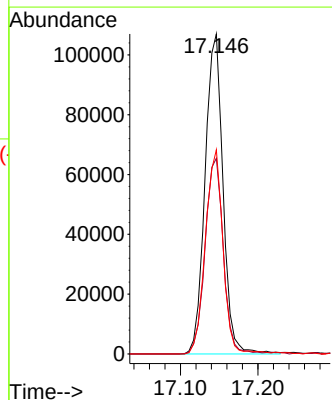
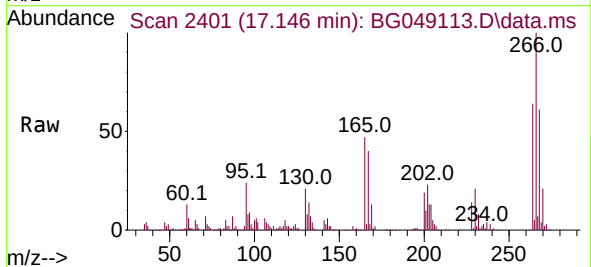
Instrument :  
BNA\_G  
ClientSampleId :  
MANHOLE-WC-SMSD

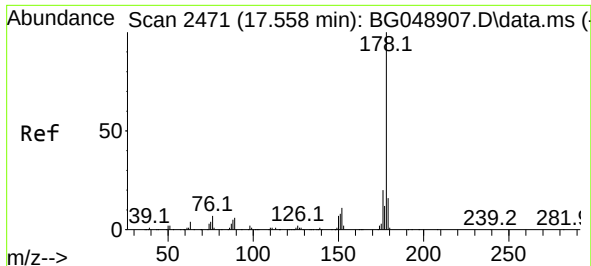
Tgt Ion:200 Resp: 118407  
Ion Ratio Lower Upper  
200 100  
173 25.4 3.7 43.7  
215 49.3 26.9 66.9



#70  
Pentachlorophenol  
Concen: 87.61 ng  
RT: 17.146 min Scan# 2401  
Delta R.T. -0.001 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

Tgt Ion:266 Resp: 171837  
Ion Ratio Lower Upper  
266 100  
268 61.1 49.0 73.4  
264 63.8 49.0 73.6

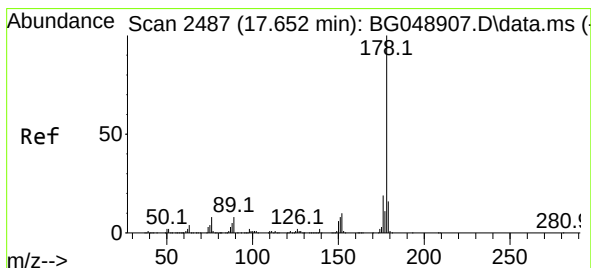
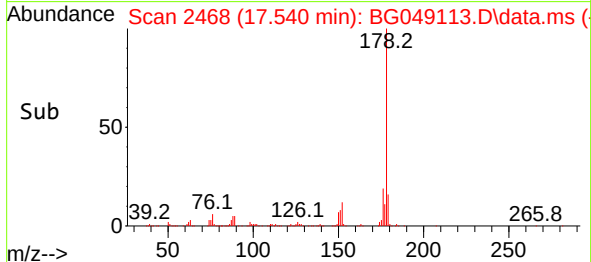
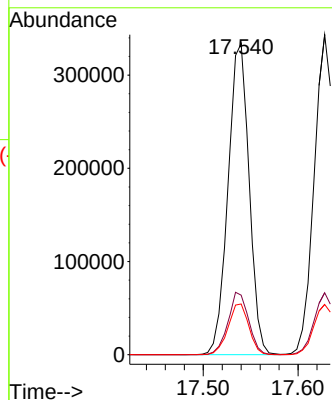
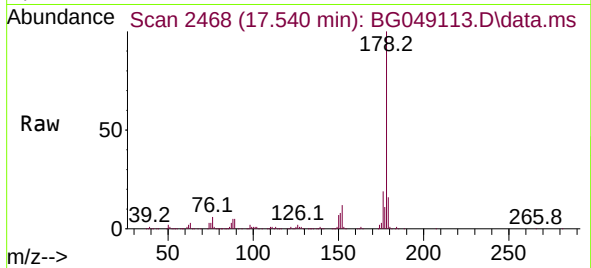




#71  
Phenanthrene  
Concen: 38.05 ng  
RT: 17.540 min Scan# 2468  
Delta R.T. -0.001 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

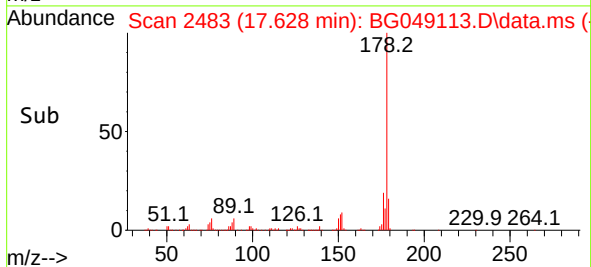
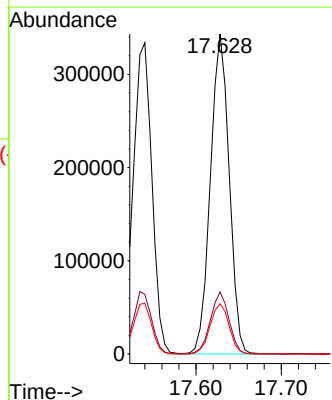
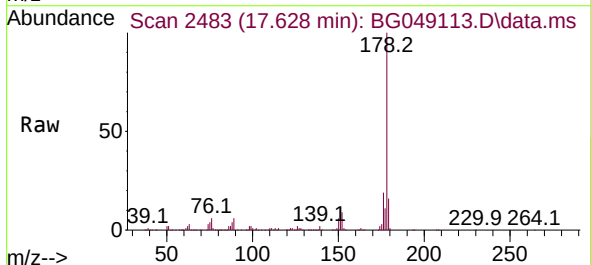
Instrument :  
BNA\_G  
ClientSampleId :  
MANHOLE-WC-SMSD

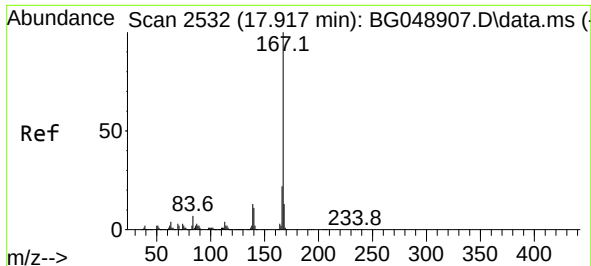
Tgt Ion:178 Resp: 516390  
Ion Ratio Lower Upper  
178 100  
176 19.1 16.0 24.0  
179 16.3 14.2 21.4



#72  
Anthracene  
Concen: 38.51 ng  
RT: 17.628 min Scan# 2483  
Delta R.T. -0.001 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

Tgt Ion:178 Resp: 525170  
Ion Ratio Lower Upper  
178 100  
176 19.4 14.6 21.8  
179 15.7 13.4 20.0

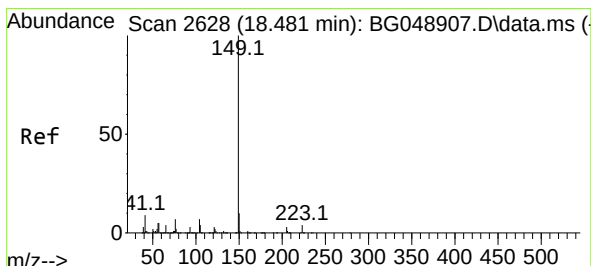
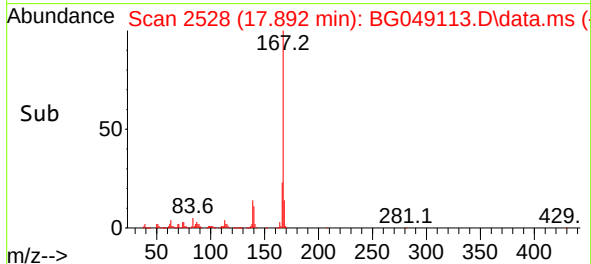
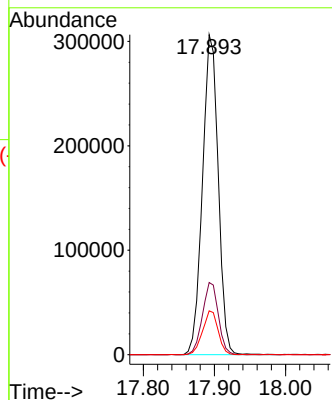
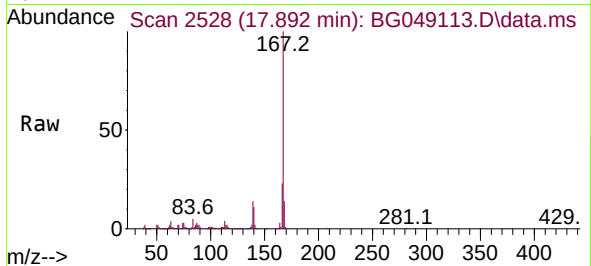




#73  
 Carbazole  
 Concen: 36.17 ng  
 RT: 17.892 min Scan# 2528  
 Delta R.T. -0.007 min  
 Lab File: BG049113.D  
 Acq: 26 Jun 2021 17:57

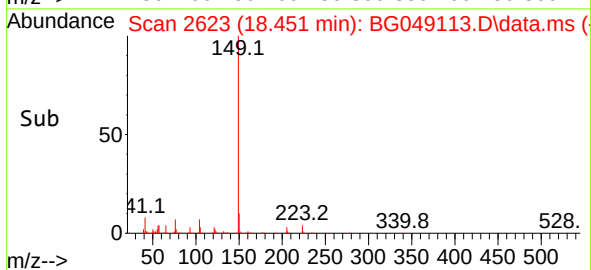
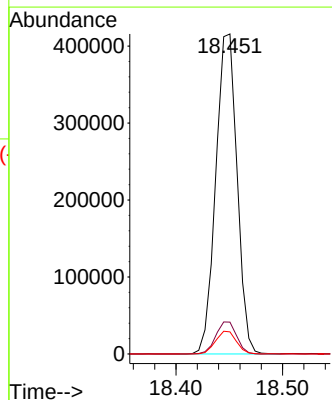
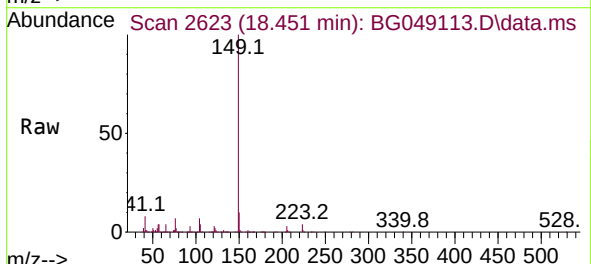
Instrument :  
 BNA\_G  
 ClientSampleId :  
 MANHOLE-WC-SMSD

Tgt Ion:167 Resp: 472754  
 Ion Ratio Lower Upper  
 167 100  
 166 22.6 17.4 26.2  
 139 13.7 10.7 16.1

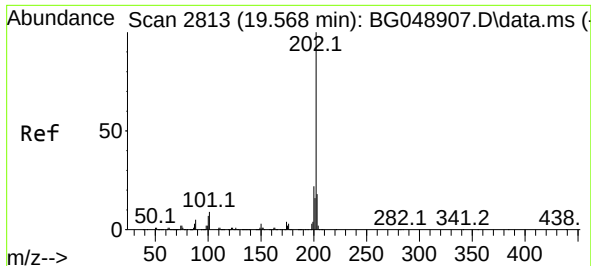


#74  
 Di-n-butylphthalate  
 Concen: 39.33 ng  
 RT: 18.451 min Scan# 2623  
 Delta R.T. -0.001 min  
 Lab File: BG049113.D  
 Acq: 26 Jun 2021 17:57

Tgt Ion:149 Resp: 576642  
 Ion Ratio Lower Upper  
 149 100  
 150 9.9 7.5 11.3  
 104 6.9 6.6 10.0



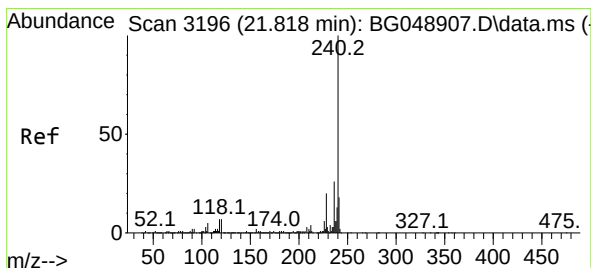
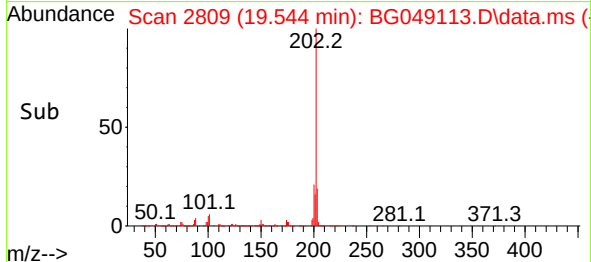
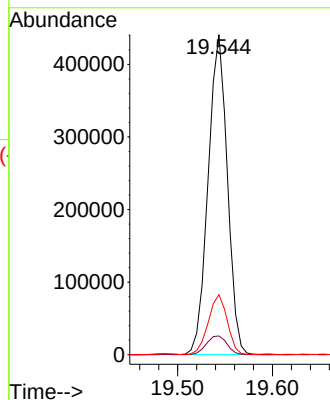
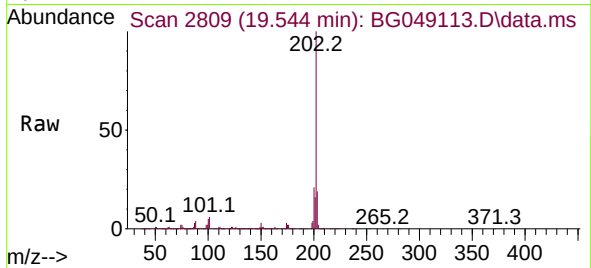




#75  
Fluoranthene  
Concen: 37.79 ng  
RT: 19.544 min Scan# 2809  
Delta R.T. -0.001 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

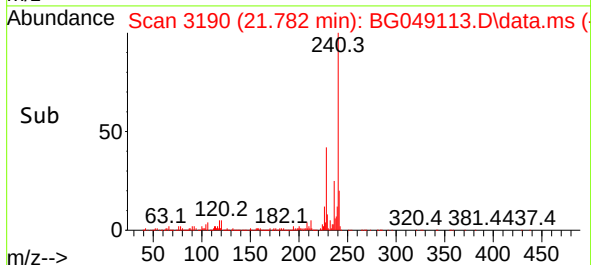
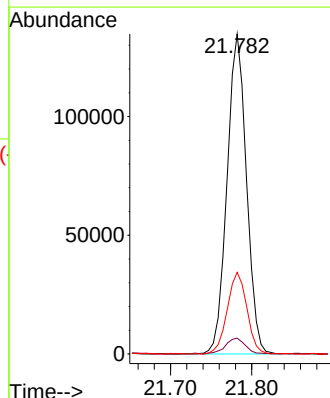
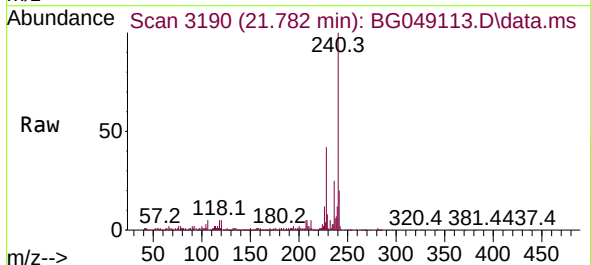
Instrument :  
BNA\_G  
ClientSampleId :  
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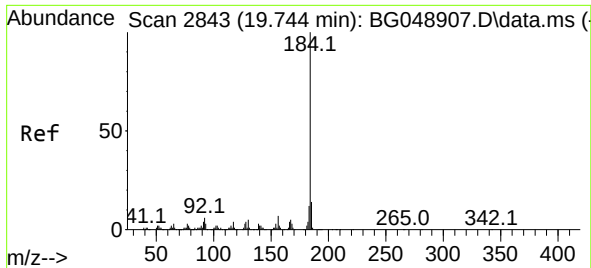
Tgt Ion:202 Resp: 618437  
Ion Ratio Lower Upper  
202 100  
101 5.9 0.0 24.7  
203 18.8 0.0 38.5



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.782 min Scan# 3190  
Delta R.T. -0.007 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

Tgt Ion:240 Resp: 223676  
Ion Ratio Lower Upper  
240 100  
120 4.9 4.2 6.2  
236 25.5 21.8 32.6

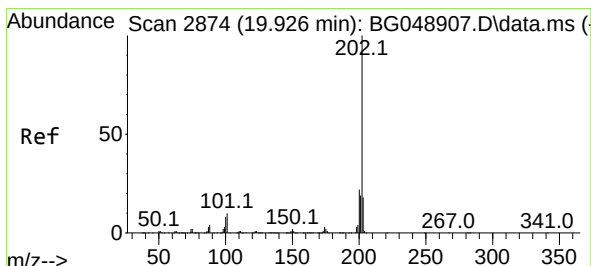
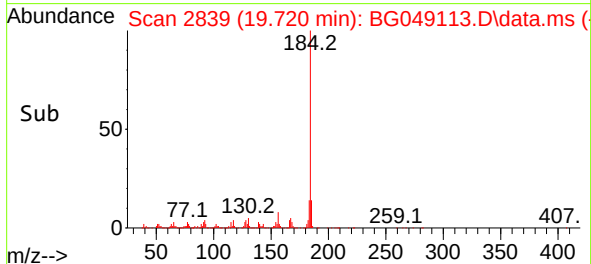
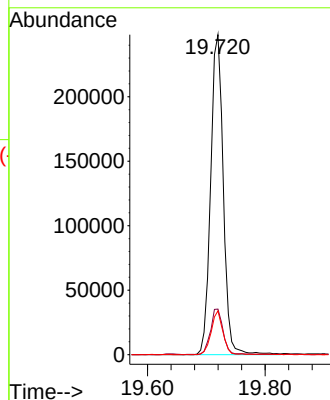
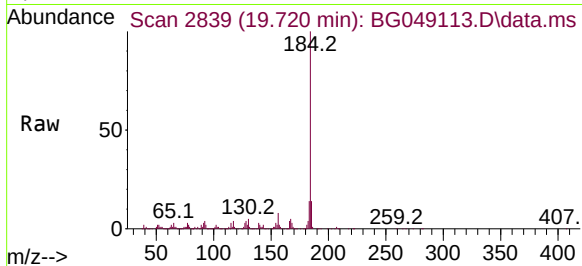




#77  
Benzidine  
Concen: 81.98 ng  
RT: 19.720 min Scan# 2839  
Delta R.T. -0.001 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

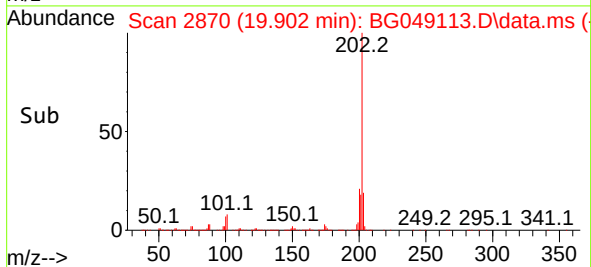
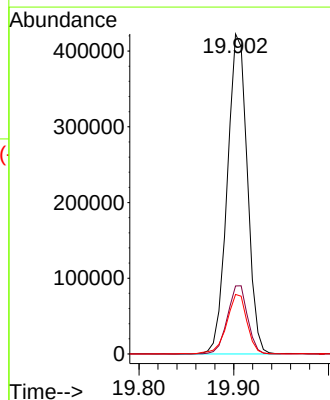
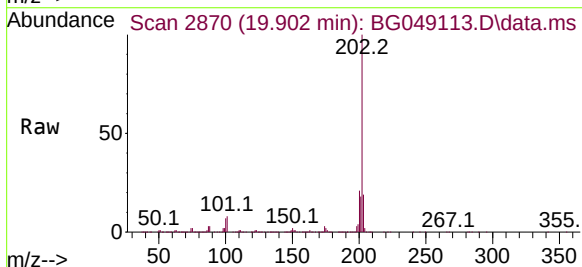
Instrument :  
BNA\_G  
ClientSampleId :  
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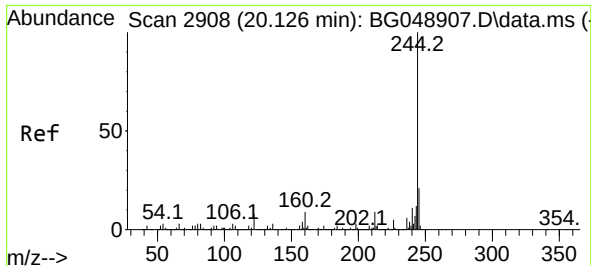
Tgt Ion:184 Resp: 369412  
Ion Ratio Lower Upper  
184 100  
185 14.2 10.7 16.1  
183 13.7 9.4 14.0



#78  
Pyrene  
Concen: 38.21 ng  
RT: 19.902 min Scan# 2870  
Delta R.T. -0.007 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

Tgt Ion:202 Resp: 620309  
Ion Ratio Lower Upper  
202 100  
200 21.3 15.8 23.8  
203 18.6 14.6 21.8

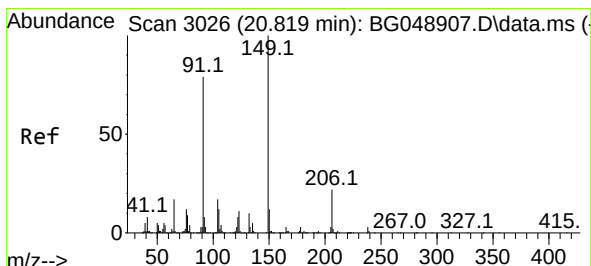
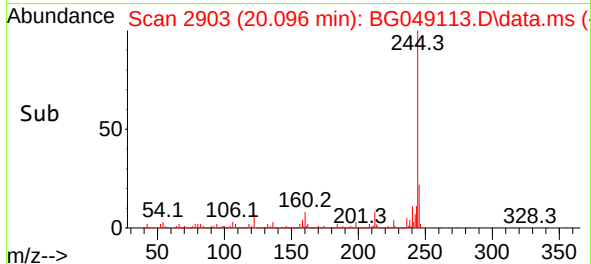
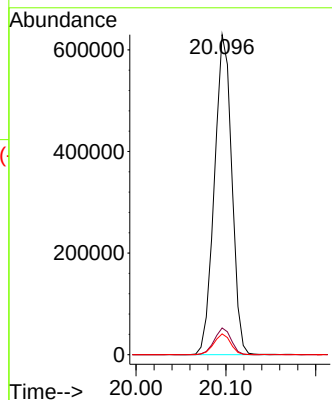
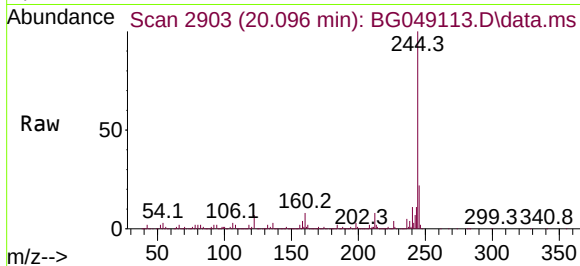




#79  
Terphenyl-d14  
Concen: 69.34 ng  
RT: 20.096 min Scan# 2903  
Delta R.T. -0.007 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

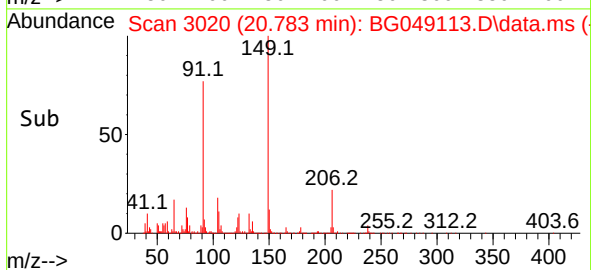
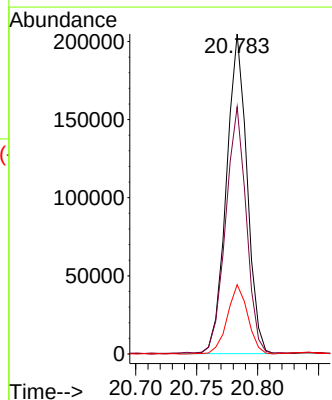
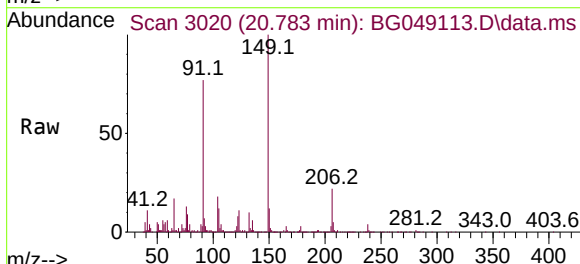
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BNA\_G  
ClientSampleId :  
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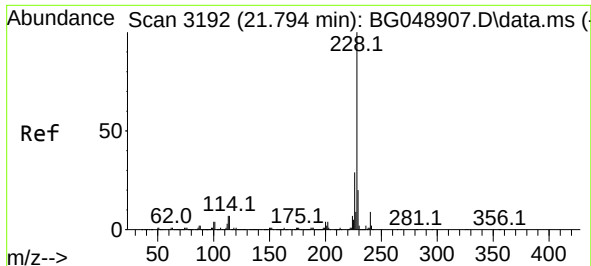
Tgt Ion:244 Resp: 846914  
Ion Ratio Lower Upper  
244 100  
212 8.4 6.9 10.3  
122 6.5 5.0 7.6



#80  
Butylbenzylphthalate  
Concen: 39.32 ng  
RT: 20.783 min Scan# 3020  
Delta R.T. -0.007 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

Tgt Ion:149 Resp: 240824  
Ion Ratio Lower Upper  
149 100  
91 77.3 63.4 95.2  
206 21.6 18.4 27.6

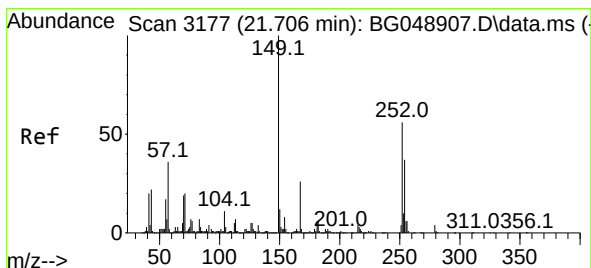
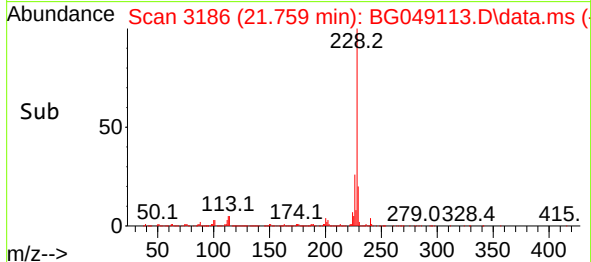
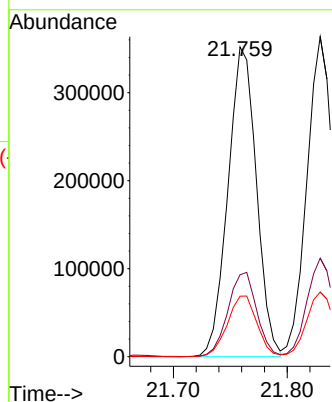
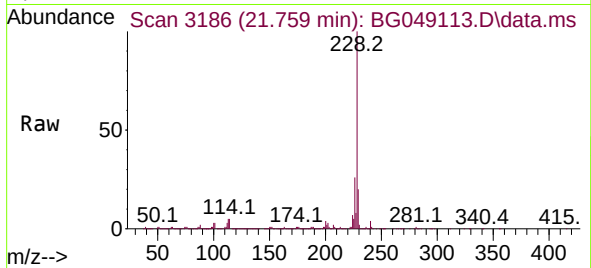




#81  
Benzo(a)anthracene  
Concen: 38.18 ng  
RT: 21.759 min Scan# 3186  
Delta R.T. -0.007 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

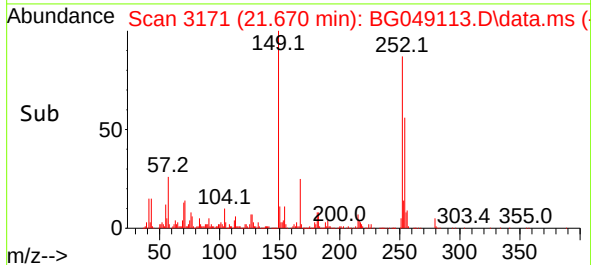
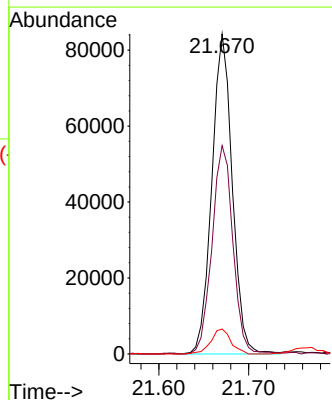
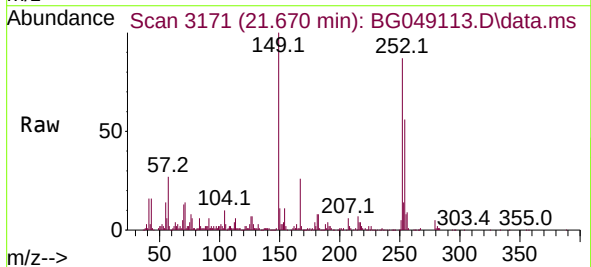
Instrument :  
BNA\_G  
ClientSampleId :  
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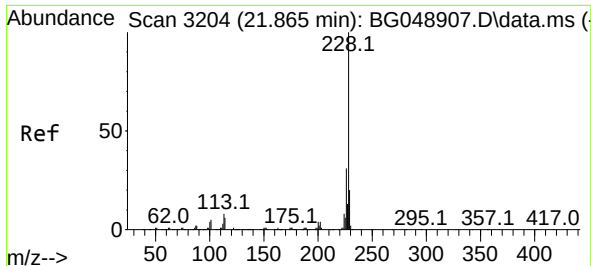
Tgt Ion:228 Resp: 613162  
Ion Ratio Lower Upper  
228 100  
226 26.5 22.7 34.1  
229 19.5 16.0 24.0



#82  
3,3'-Dichlorobenzidine  
Concen: 25.94 ng  
RT: 21.670 min Scan# 3171  
Delta R.T. -0.007 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

Tgt Ion:252 Resp: 133241  
Ion Ratio Lower Upper  
252 100  
254 65.1 52.4 78.6  
126 7.8 5.9 8.9

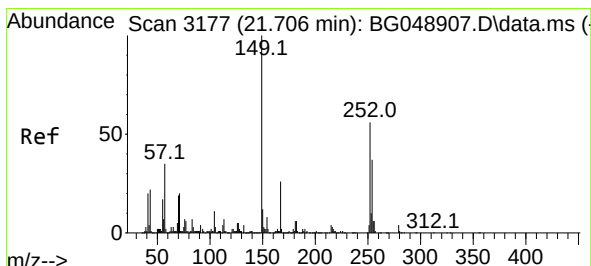
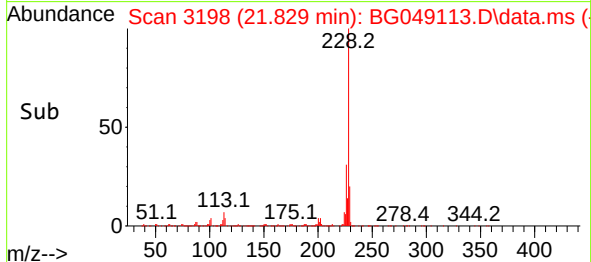
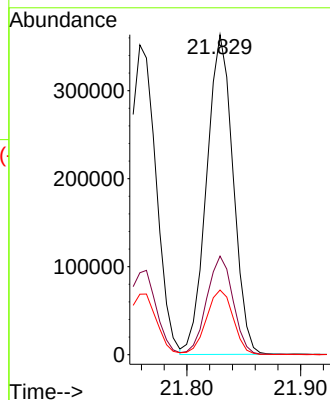
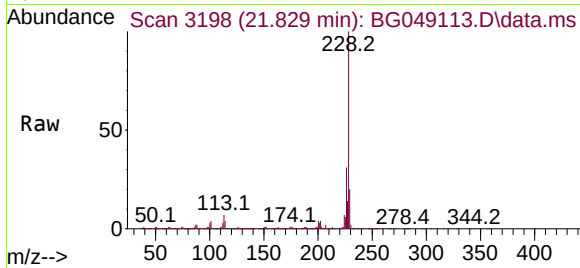




#83  
Chrysene  
Concen: 38.21 ng  
RT: 21.829 min Scan# 3198  
Delta R.T. -0.007 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

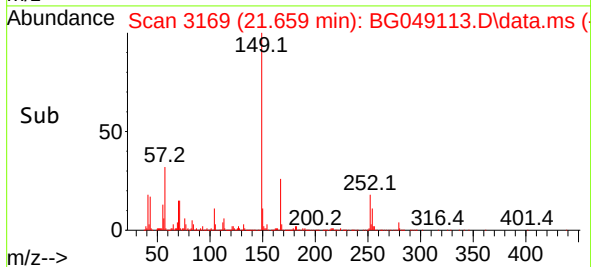
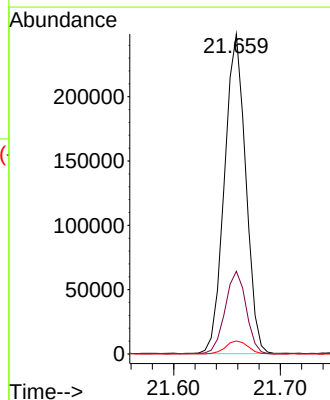
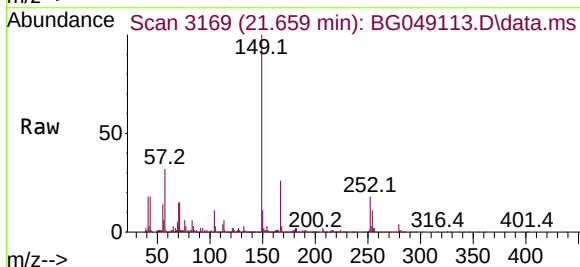
Instrument :  
BNA\_G  
ClientSampleId :  
MANHOLE-WC-SMSD

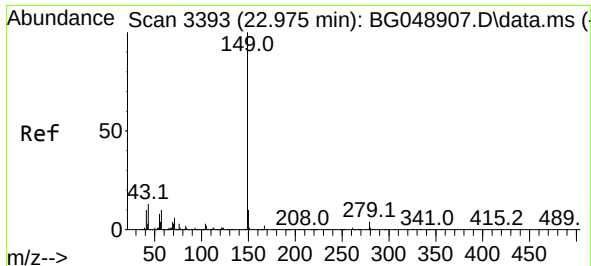
Tgt Ion:228 Resp: 588413  
Ion Ratio Lower Upper  
228 100  
226 30.8 23.1 34.7  
229 20.2 15.3 22.9



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 39.34 ng  
RT: 21.659 min Scan# 3169  
Delta R.T. -0.007 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

Tgt Ion:149 Resp: 343467  
Ion Ratio Lower Upper  
149 100  
167 25.8 22.3 33.5  
279 4.1 3.8 5.8

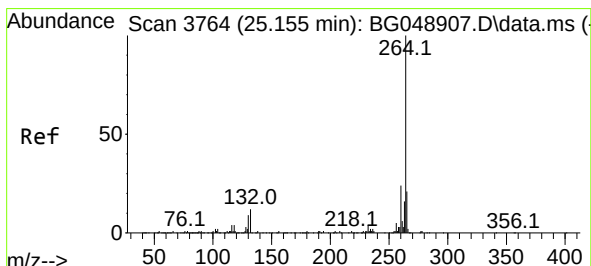
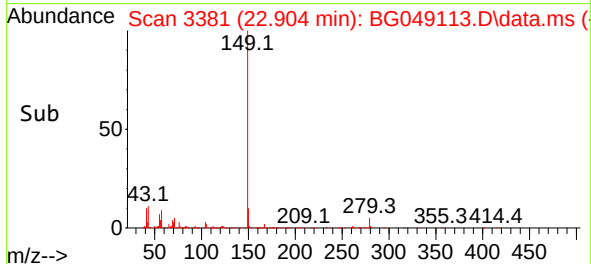
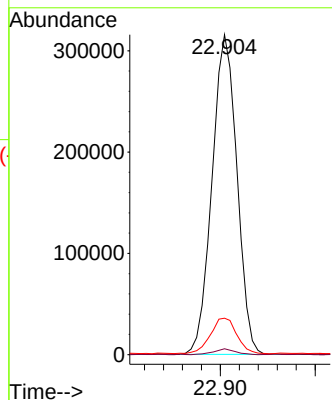
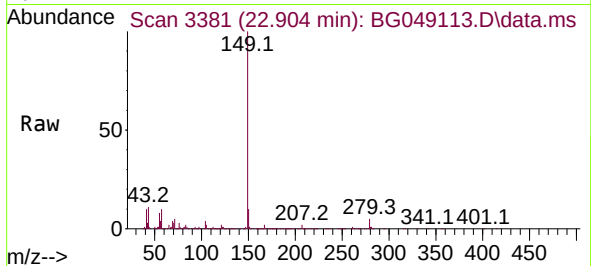




#85  
Di-n-octyl phthalate  
Concen: 38.92 ng  
RT: 22.904 min Scan# 3381  
Delta R.T. -0.013 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

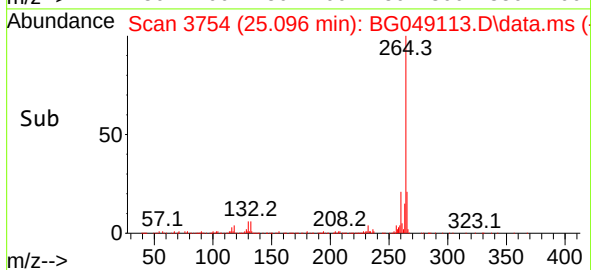
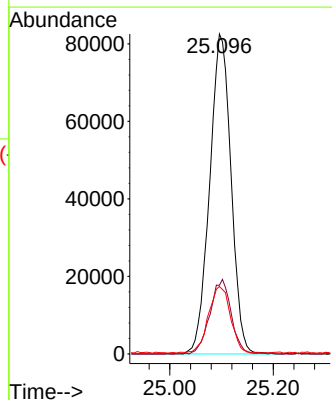
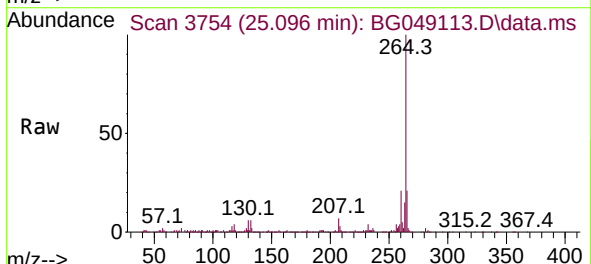
Instrument :  
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ClientSampleId :  
MANHOLE-WC-SMSD

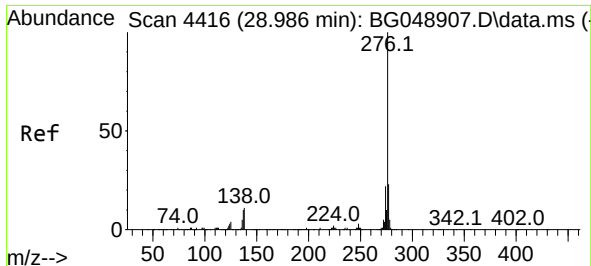
Tgt Ion:149 Resp: 576348  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.4 2.2  
43 11.8 8.6 12.8



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 25.096 min Scan# 3754  
Delta R.T. -0.007 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

Tgt Ion:264 Resp: 236656  
Ion Ratio Lower Upper  
264 100  
260 21.4 19.4 29.2  
265 21.1 16.9 25.3

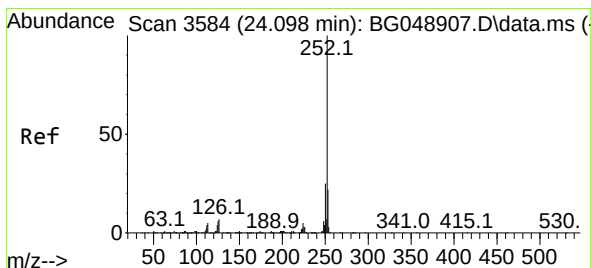
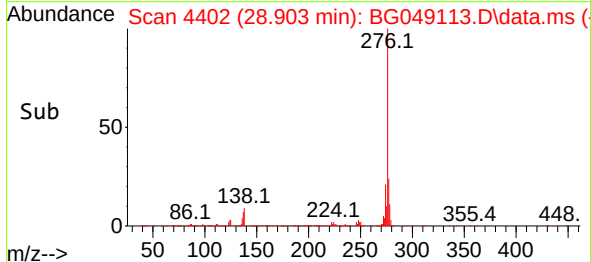
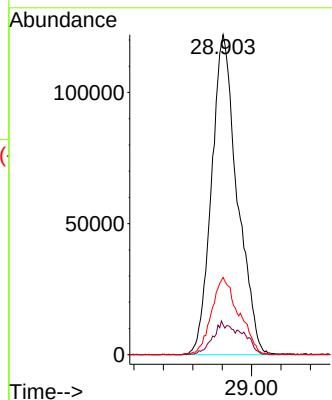
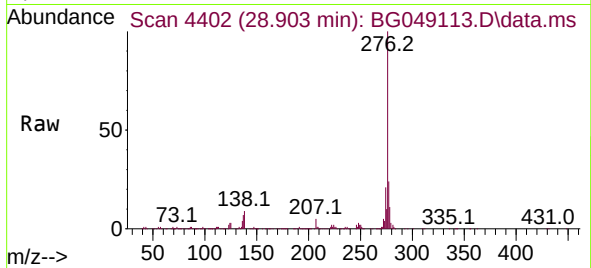




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 41.57 ng  
RT: 28.903 min Scan# 4402  
Delta R.T. -0.013 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

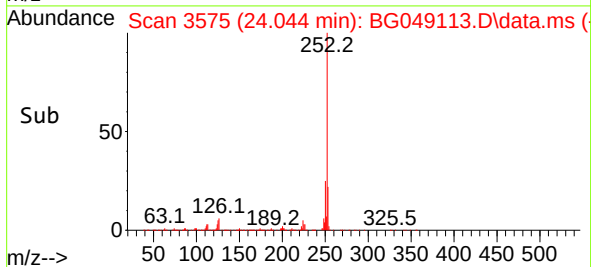
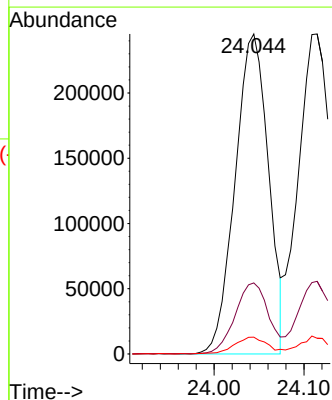
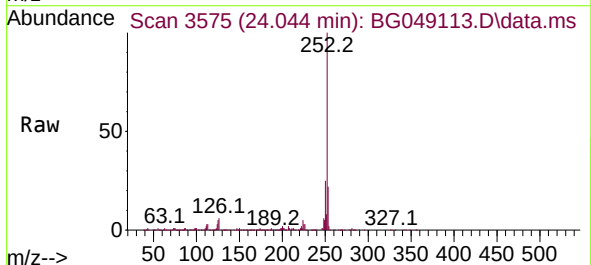
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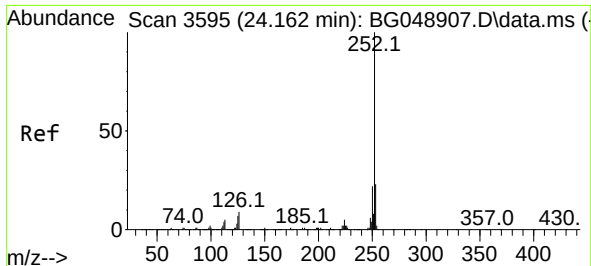
Tgt Ion:276 Resp: 740314  
Ion Ratio Lower Upper  
276 100  
138 4.9 5.1 7.7#  
277 25.7 19.8 29.6



#88  
Benzo(b)fluoranthene  
Concen: 37.45 ng  
RT: 24.044 min Scan# 3575  
Delta R.T. -0.007 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

Tgt Ion:252 Resp: 631803  
Ion Ratio Lower Upper  
252 100  
253 22.2 16.2 24.4  
125 5.2 3.0 4.4#

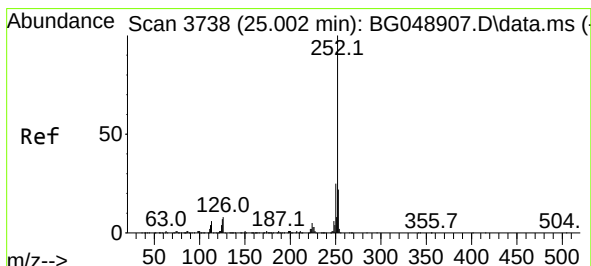
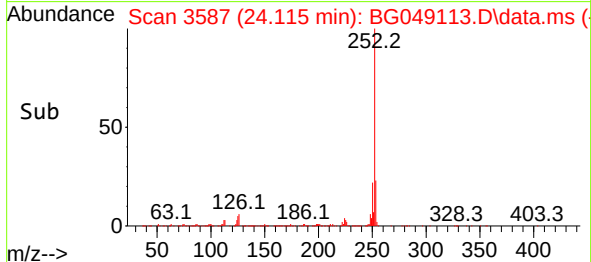
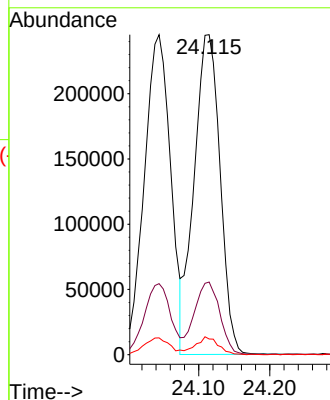
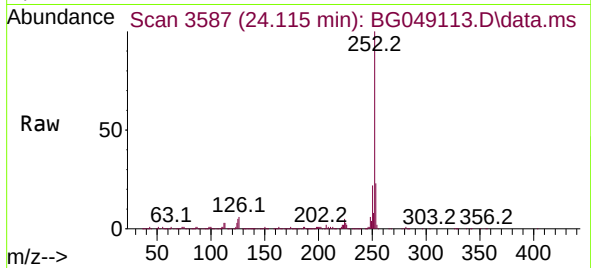




#89  
Benzo(k)fluoranthene  
Concen: 38.93 ng  
RT: 24.115 min Scan# 3587  
Delta R.T. -0.013 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

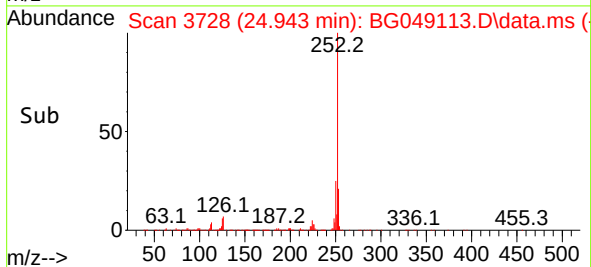
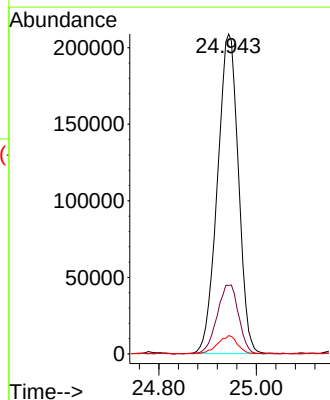
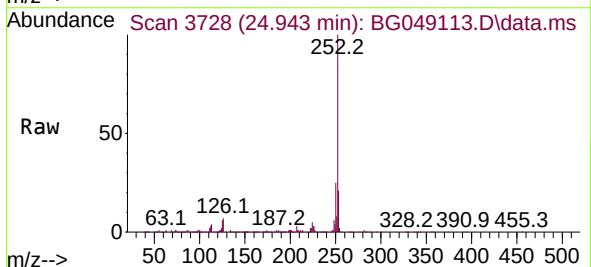
Instrument :  
BNA\_G  
ClientSampleId :  
MANHOLE-WC-SMSD

Tgt Ion:252 Resp: 623188  
Ion Ratio Lower Upper  
252 100  
253 22.7 18.0 27.0  
125 4.9 3.1 4.7#

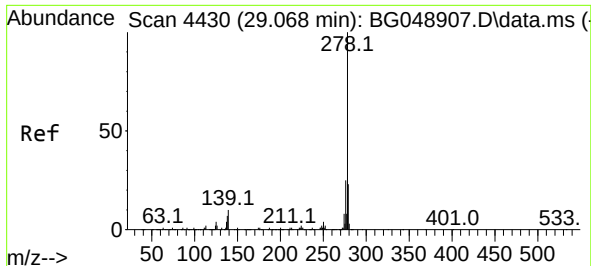


#90  
Benzo(a)pyrene  
Concen: 40.49 ng  
RT: 24.943 min Scan# 3728  
Delta R.T. -0.007 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

Tgt Ion:252 Resp: 623468  
Ion Ratio Lower Upper  
252 100  
253 21.5 16.6 25.0  
125 5.8 3.5 5.3#



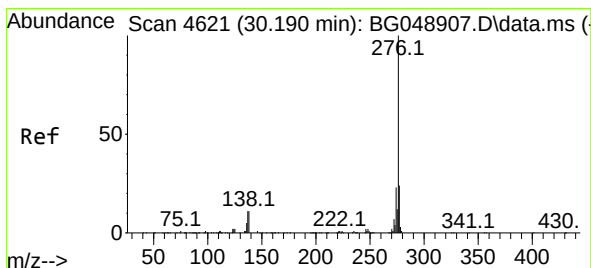
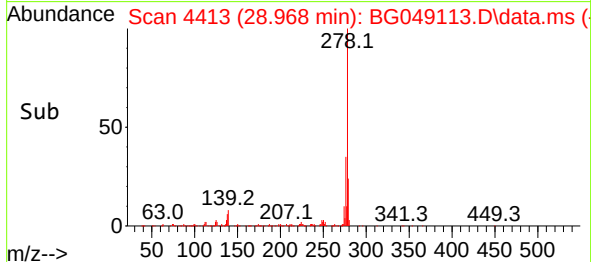
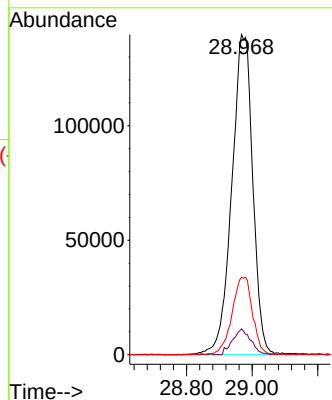
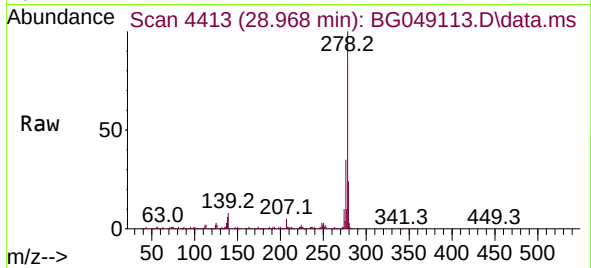




#91  
Dibenzo(a,h)anthracene  
Concen: 41.73 ng  
RT: 28.968 min Scan# 4413  
Delta R.T. -0.019 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

Instrument :  
BNA\_G  
ClientSampleId :  
MANHOLE-WC-SMSD

Tgt Ion:278 Resp: 621114  
Ion Ratio Lower Upper  
278 100  
139 8.1 4.6 6.8#  
279 24.2 17.9 26.9



#92  
Benzo(g,h,i)perylene  
Concen: 41.41 ng  
RT: 30.102 min Scan# 4606  
Delta R.T. -0.007 min  
Lab File: BG049113.D  
Acq: 26 Jun 2021 17:57

Tgt Ion:276 Resp: 621578  
Ion Ratio Lower Upper  
276 100  
277 23.2 18.4 27.6  
138 8.7 7.0 10.6

