

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP021921\  
 Data File : BP004817.D  
 Acq On : 19 Feb 2021 12:08  
 Operator : CG/JU  
 Sample : PB134684BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Feb 19 12:50:01 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP020521.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 19 12:04:44 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.764  | 152  | 43704    | 20.00  | ng    | # 0.00   |
| 21) Naphthalene-d8            | 10.557 | 136  | 171439   | 20.00  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.410 | 164  | 108213   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.169 | 188  | 235372   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.251 | 240  | 247742   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12              | 23.557 | 264  | 225473   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.358  | 112  | 363238   | 128.33 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.946  | 99   | 470754   | 120.94 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.922  | 82   | 255065   | 64.82  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.910 | 330  | 181905   | 126.52 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.028 | 172  | 594122   | 67.10  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.728 | 244  | 904900   | 61.35  | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.276  | 88   | 44629    | 36.84  | ng    | # 89     |
| 3) Pyridine                   | 3.670  | 79   | 120133   | 39.17  | ng    | # 93     |
| 4) n-Nitrosodimethylamine     | 3.587  | 42   | 58017    | 45.46  | ng    | # 63     |
| 6) Aniline                    | 7.093  | 93   | 150987   | 34.78  | ng    | # 85     |
| 8) 2-Chlorophenol             | 7.334  | 128  | 143965   | 48.68  | ng    | # 89     |
| 9) Benzaldehyde               | 6.905  | 77   | 55580    | 34.00  | ng    | # 79     |
| 10) Phenol                    | 6.975  | 94   | 174146   | 46.22  | ng    | 77       |
| 11) bis(2-Chloroethyl)ether   | 7.193  | 93   | 126285   | 43.83  | ng    | 94       |
| 12) 1,3-Dichlorobenzene       | 7.652  | 146  | 157465   | 43.76  | ng    | # 91     |
| 13) 1,4-Dichlorobenzene       | 7.799  | 146  | 161843   | 44.27  | ng    | 94       |
| 14) 1,2-Dichlorobenzene       | 8.111  | 146  | 155039   | 44.22  | ng    | 96       |
| 15) Benzyl Alcohol            | 8.011  | 79   | 134174   | 45.91  | ng    | # 87     |
| 16) 2,2'-oxybis(1-Chloropr... | 8.293  | 45   | 102714   | 44.07  | ng    | 98       |
| 17) 2-Methylphenol            | 8.216  | 107  | 122841   | 48.24  | ng    | # 92     |
| 18) Hexachloroethane          | 8.840  | 117  | 60735    | 44.34  | ng    | 94       |
| 19) n-Nitroso-di-n-propyla... | 8.569  | 70   | 103393   | 43.95  | ng    | # 88     |
| 20) 3+4-Methylphenols         | 8.540  | 107  | 162039   | 47.95  | ng    | 93       |
| 22) Acetophenone              | 8.587  | 105  | 213214   | 42.79  | ng    | # 91     |
| 24) Nitrobenzene              | 8.963  | 77   | 157493   | 40.49  | ng    | # 82     |
| 25) Isophorone                | 9.487  | 82   | 279251   | 44.41  | ng    | # 90     |
| 26) 2-Nitrophenol             | 9.669  | 139  | 77112    | 50.05  | ng    | # 70     |
| 27) 2,4-Dimethylphenol        | 9.740  | 122  | 127449   | 53.18  | ng    | 89       |
| 28) bis(2-Chloroethoxy)met... | 9.975  | 93   | 164128   | 40.51  | ng    | 97       |
| 29) 2,4-Dichlorophenol        | 10.210 | 162  | 134860   | 46.59  | ng    | 93       |
| 30) 1,2,4-Trichlorobenzene    | 10.422 | 180  | 147988   | 41.38  | ng    | 97       |
| 31) Naphthalene               | 10.605 | 128  | 430844   | 43.06  | ng    | 99       |
| 32) Benzoic acid              | 9.887  | 122  | 80832    | 41.00  | ng    | # 75     |
| 33) 4-Chloroaniline           | 10.722 | 127  | 86661    | 21.11  | ng    | # 89     |
| 34) Hexachlorobutadiene       | 10.887 | 225  | 97638    | 40.64  | ng    | 98       |
| 35) Caprolactam               | 11.516 | 113  | 43242    | 47.27  | ng    | # 79     |
| 36) 4-Chloro-3-methylphenol   | 11.863 | 107  | 153080   | 44.53  | ng    | 85       |
| 37) 2-Methylnaphthalene       | 12.222 | 142  | 312270   | 43.87  | ng    | # 94     |
| 38) 1-Methylnaphthalene       | 12.222 | 142  | 312270   | 46.35  | ng    | 93       |
| 40) 1,2,4,5-Tetrachloroben... | 12.593 | 216  | 172353   | 44.33  | ng    | # 96     |
| 41) Hexachlorocyclopentadiene | 12.569 | 237  | 235205   | 106.37 | ng    | 96       |
| 43) 2,4,6-Trichlorophenol     | 12.840 | 196  | 115127   | 47.00  | ng    | 99       |

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 Sample : PB134684BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

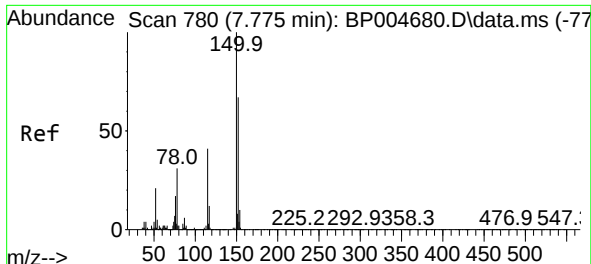
Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Feb 19 12:50:01 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP020521.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 19 12:04:44 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |     |
|-------------------------------|--------|------|----------|--------|-------|----------|-----|
| 44) 2,4,5-Trichlorophenol     | 12.916 | 196  | 122965   | 47.77  | ng    | #        | 95  |
| 46) 1,1'-Biphenyl             | 13.240 | 154  | 391835   | 43.25  | ng    |          | 98  |
| 47) 2-Chloronaphthalene       | 13.281 | 162  | 311004   | 41.88  | ng    |          | 96  |
| 48) 2-Nitroaniline            | 13.493 | 65   | 94563    | 43.14  | ng    | #        | 63  |
| 49) Acenaphthylene            | 14.134 | 152  | 489832   | 44.66  | ng    |          | 100 |
| 50) Dimethylphthalate         | 13.875 | 163  | 395020   | 41.50  | ng    |          | 99  |
| 51) 2,6-Dinitrotoluene        | 13.993 | 165  | 89509    | 46.66  | ng    | #        | 68  |
| 52) Acenaphthene              | 14.475 | 154  | 292035   | 41.99  | ng    |          | 98  |
| 53) 3-Nitroaniline            | 14.322 | 138  | 59190    | 29.67  | ng    | #        | 71  |
| 54) 2,4-Dinitrophenol         | 14.528 | 184  | 114065   | 103.24 | ng    | #        | 77  |
| 55) Dibenzofuran              | 14.810 | 168  | 471850   | 43.15  | ng    |          | 96  |
| 56) 4-Nitrophenol             | 14.651 | 139  | 150302   | 96.03  | ng    | #        | 56  |
| 57) 2,4-Dinitrotoluene        | 14.781 | 165  | 123959   | 47.17  | ng    | #        | 70  |
| 58) Fluorene                  | 15.463 | 166  | 392720   | 43.71  | ng    |          | 98  |
| 59) 2,3,4,6-Tetrachlorophenol | 15.040 | 232  | 115080   | 46.99  | ng    |          | 99  |
| 60) Diethylphthalate          | 15.240 | 149  | 401678   | 42.10  | ng    |          | 99  |
| 61) 4-Chlorophenyl-phenyle... | 15.457 | 204  | 208971   | 41.89  | ng    |          | 98  |
| 62) 4-Nitroaniline            | 15.493 | 138  | 88236    | 40.49  | ng    | #        | 61  |
| 63) Azobenzene                | 15.751 | 77   | 373768   | 41.71  | ng    |          | 85  |
| 65) 4,6-Dinitro-2-methylph... | 15.545 | 198  | 77696    | 54.03  | ng    |          | 85  |
| 66) n-Nitrosodiphenylamine    | 15.681 | 169  | 342195   | 44.71  | ng    |          | 99  |
| 67) 4-Bromophenyl-phenylether | 16.357 | 248  | 128678   | 42.46  | ng    |          | 95  |
| 68) Hexachlorobenzene         | 16.469 | 284  | 140090   | 42.43  | ng    |          | 95  |
| 69) Atrazine                  | 16.634 | 200  | 111056   | 44.23  | ng    |          | 99  |
| 70) Pentachlorophenol         | 16.816 | 266  | 186138   | 100.74 | ng    |          | 99  |
| 71) Phenanthrene              | 17.210 | 178  | 609492   | 42.29  | ng    |          | 98  |
| 72) Anthracene                | 17.298 | 178  | 623499   | 44.99  | ng    |          | 100 |
| 73) Carbazole                 | 17.575 | 167  | 555981   | 43.73  | ng    |          | 99  |
| 74) Di-n-butylphthalate       | 18.128 | 149  | 685963   | 43.97  | ng    | #        | 98  |
| 75) Fluoranthene              | 19.181 | 202  | 740385   | 43.12  | ng    |          | 98  |
| 77) Benzidine                 | 19.363 | 184  | 259165   | 53.77  | ng    |          | 98  |
| 78) Pyrene                    | 19.534 | 202  | 747526   | 42.79  | ng    |          | 98  |
| 80) Butylbenzylphthalate      | 20.404 | 149  | 306336   | 44.62  | ng    | #        | 81  |
| 81) Benzo(a)anthracene        | 21.239 | 228  | 739925   | 42.11  | ng    |          | 98  |
| 82) 3,3'-Dichlorobenzidine    | 21.175 | 252  | 232973   | 41.83  | ng    |          | 99  |
| 83) Chrysene                  | 21.292 | 228  | 716272   | 42.09  | ng    |          | 98  |
| 84) Bis(2-ethylhexyl)phtha... | 21.163 | 149  | 455506   | 43.95  | ng    |          | 98  |
| 85) Di-n-octyl phthalate      | 22.051 | 149  | 772823   | 45.98  | ng    | #        | 93  |
| 87) Indeno(1,2,3-cd)pyrene    | 25.933 | 276  | 854965   | 47.49  | ng    |          | 96  |
| 88) Benzo(b)fluoranthene      | 22.857 | 252  | 758446   | 45.93  | ng    |          | 99  |
| 89) Benzo(k)fluoranthene      | 22.904 | 252  | 738495   | 46.59  | ng    |          | 98  |
| 90) Benzo(a)pyrene            | 23.457 | 252  | 680320   | 45.59  | ng    |          | 98  |
| 91) Dibenzo(a,h)anthracene    | 25.945 | 278  | 727131   | 48.42  | ng    |          | 97  |
| 92) Benzo(g,h,i)perylene      | 26.657 | 276  | 698613   | 48.48  | ng    |          | 95  |

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

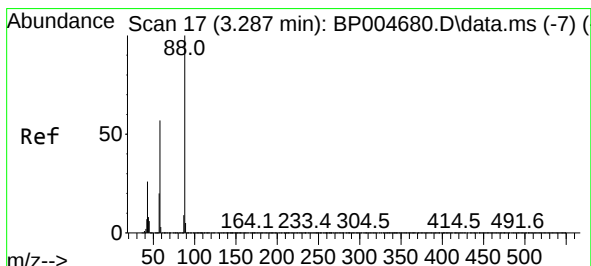
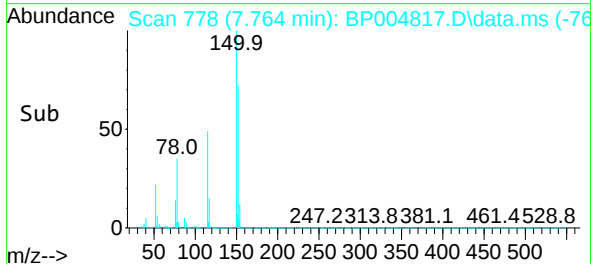
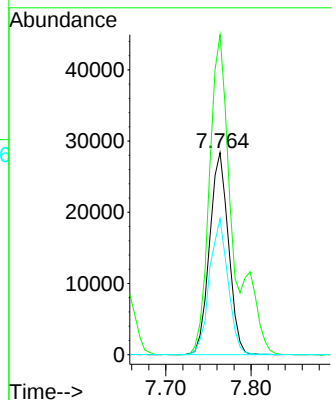
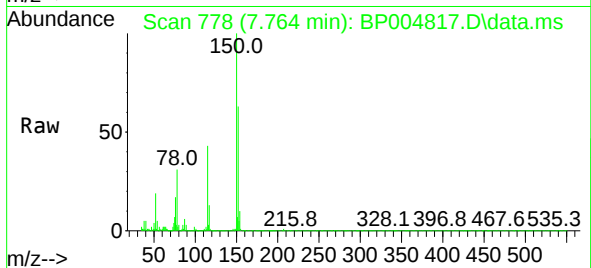




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.764 min Scan# 778  
Delta R.T. 0.000 min  
Lab File: BP004817.D  
Acq: 19 Feb 2021 12:08

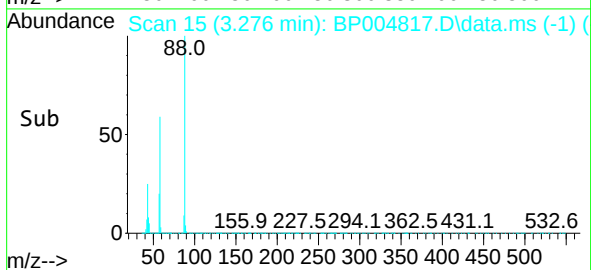
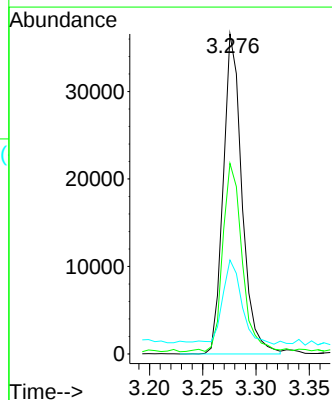
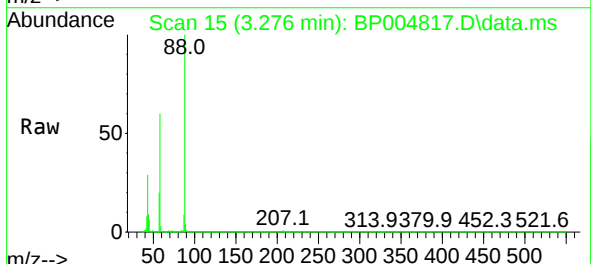
Instrument :  
BNA\_N  
ClientSampled :

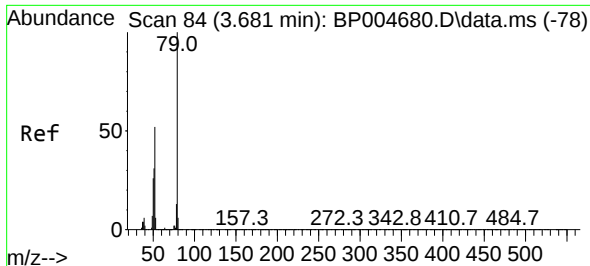
Tgt Ion:152 Resp: 43704  
Ion Ratio Lower Upper  
152 100  
150 158.3 123.8 185.6  
115 67.3 43.8 65.6#



#2  
1,4-Dioxane  
Concen: 36.84 ng  
RT: 3.276 min Scan# 15  
Delta R.T. -0.005 min  
Lab File: BP004817.D  
Acq: 19 Feb 2021 12:08

Tgt Ion: 88 Resp: 44629  
Ion Ratio Lower Upper  
88 100  
58 60.8 44.2 66.4  
43 27.7 15.2 22.8#

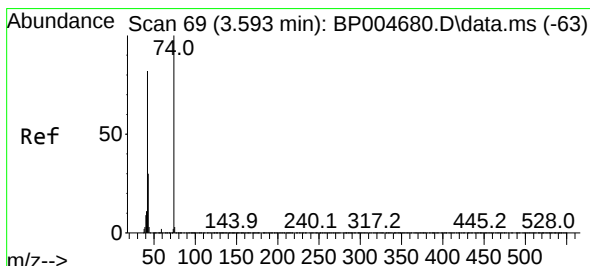
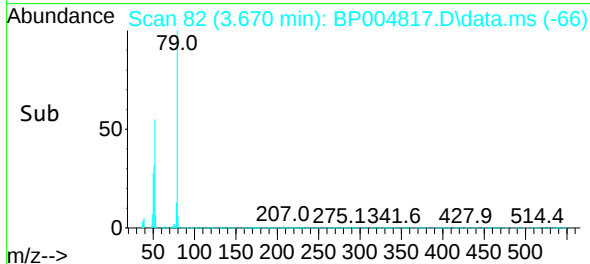
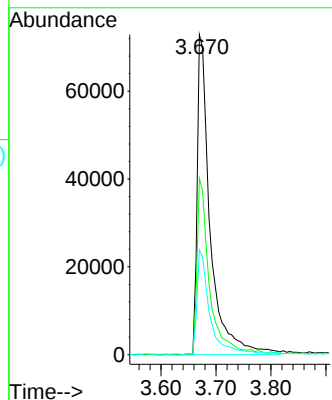
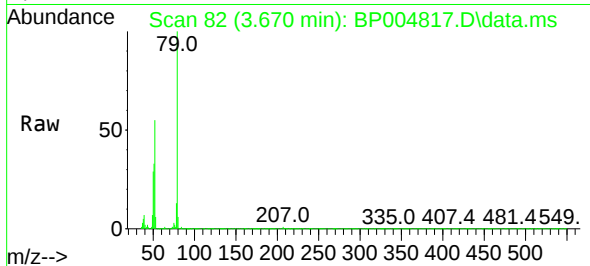




#3  
Pyridine  
Concen: 39.17 ng  
RT: 3.670 min Scan# 82  
Delta R.T. -0.005 min  
Lab File: BP004817.D  
Acq: 19 Feb 2021 12:08

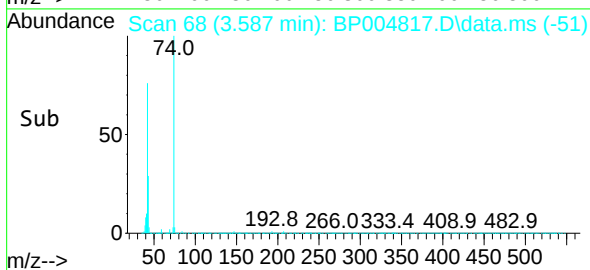
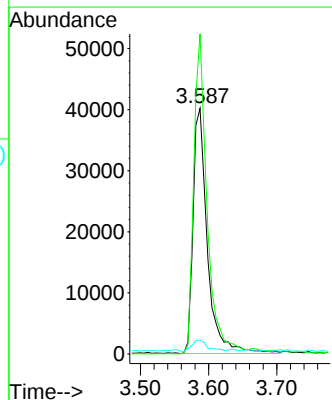
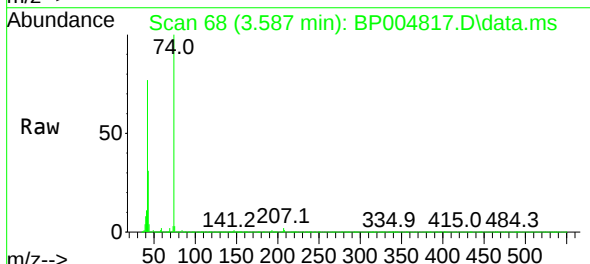
Instrument :  
BNA\_N  
ClientSampleId :

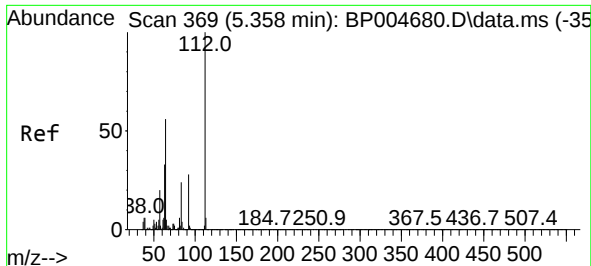
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Ion Ratio Lower Upper  
79 100  
52 55.1 41.3 61.9  
51 32.7 21.2 31.8#



#4  
n-Nitrosodimethylamine  
Concen: 45.46 ng  
RT: 3.587 min Scan# 68  
Delta R.T. 0.000 min  
Lab File: BP004817.D  
Acq: 19 Feb 2021 12:08

Tgt Ion: 42 Resp: 58017  
Ion Ratio Lower Upper  
42 100  
74 130.3 148.6 223.0#  
44 5.7 5.3 7.9

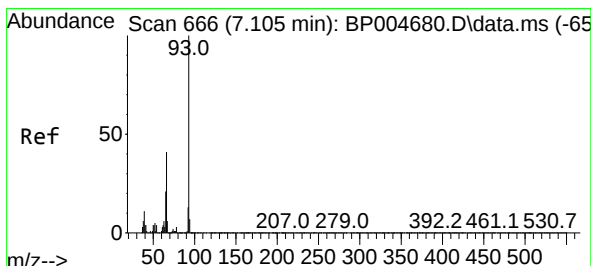
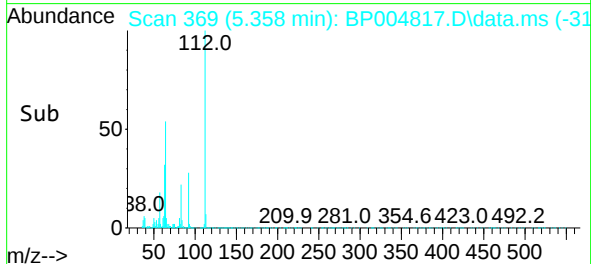
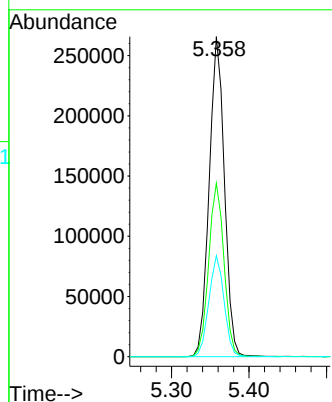
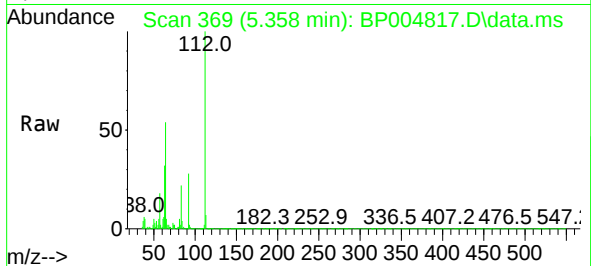




#5  
2-Fluorophenol  
Concen: 128.33 ng  
RT: 5.358 min Scan# 369  
Delta R.T. 0.006 min  
Lab File: BP004817.D  
Acq: 19 Feb 2021 12:08

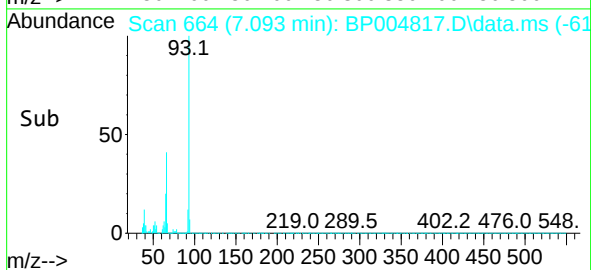
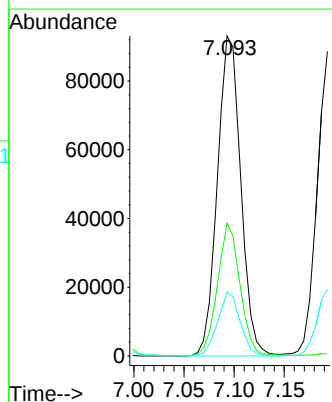
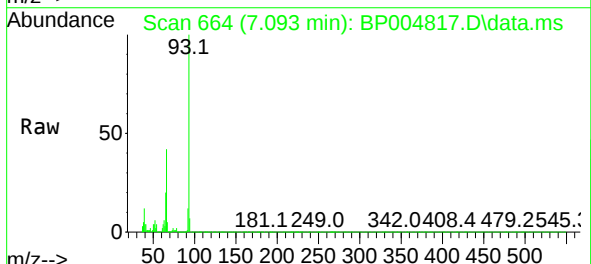
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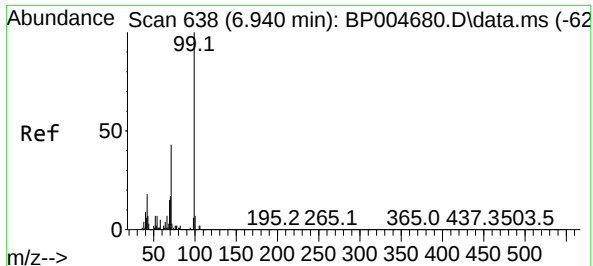
Tgt Ion:112 Resp: 363238  
Ion Ratio Lower Upper  
112 100  
64 54.2 32.8 49.2#  
63 31.5 17.0 25.4#



#6  
Aniline  
Concen: 34.78 ng  
RT: 7.093 min Scan# 664  
Delta R.T. 0.000 min  
Lab File: BP004817.D  
Acq: 19 Feb 2021 12:08

Tgt Ion: 93 Resp: 150987  
Ion Ratio Lower Upper  
93 100  
66 41.5 25.4 38.0#  
65 19.9 12.5 18.7#

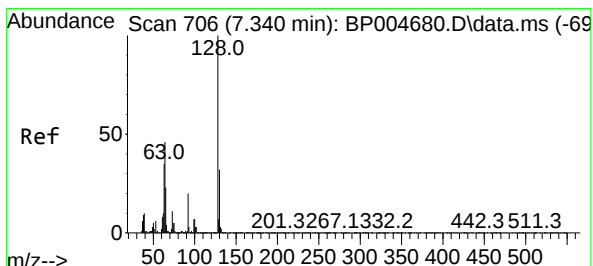
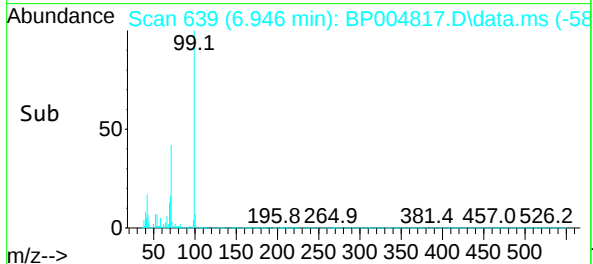
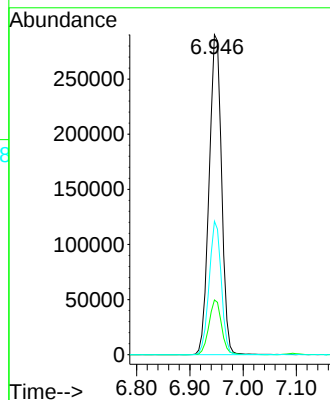
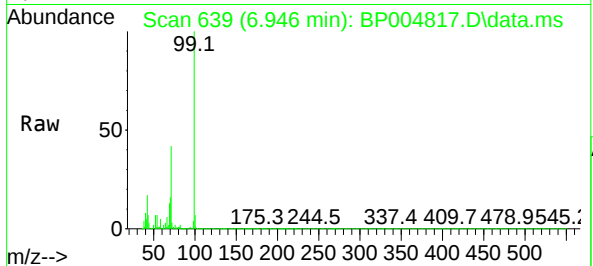




#7  
Phenol-d6  
Concen: 120.94 ng  
RT: 6.946 min Scan# 639  
Delta R.T. 0.000 min  
Lab File: BP004817.D  
Acq: 19 Feb 2021 12:08

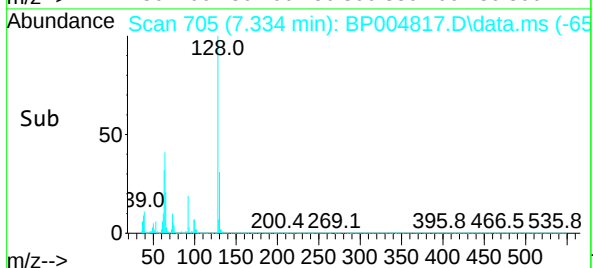
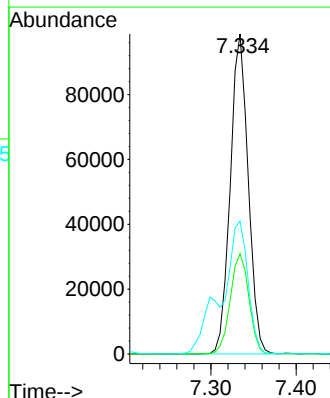
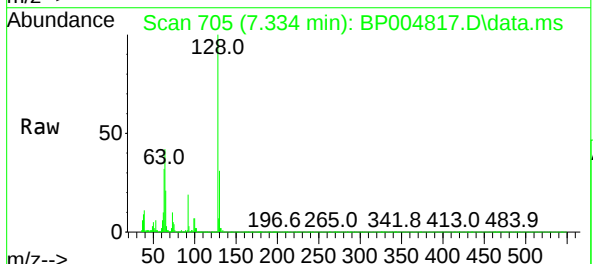
Instrument :  
BNA\_N  
ClientSampleId :

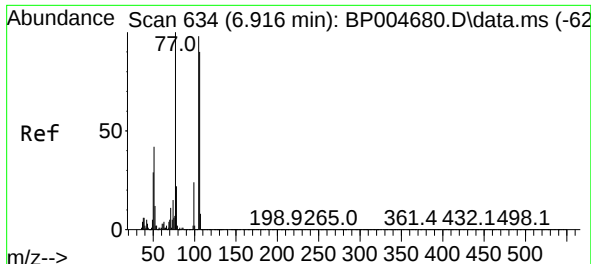
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Ion Ratio Lower Upper  
99 100  
42 17.1 8.6 13.0#  
71 41.7 23.4 35.2#



#8  
2-Chlorophenol  
Concen: 48.68 ng  
RT: 7.334 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: BP004817.D  
Acq: 19 Feb 2021 12:08

Tgt Ion: 128 Resp: 143965  
Ion Ratio Lower Upper  
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130 31.3 13.0 53.0  
64 41.5 10.4 50.4

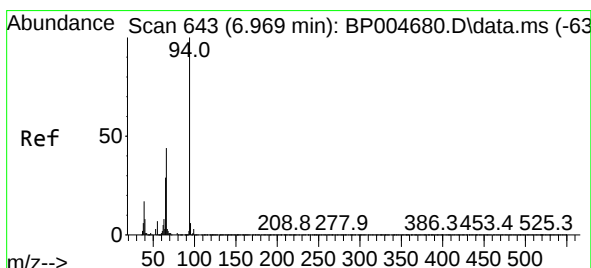
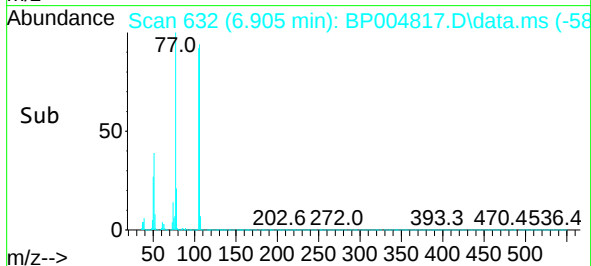
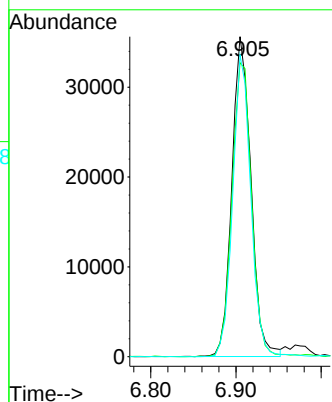
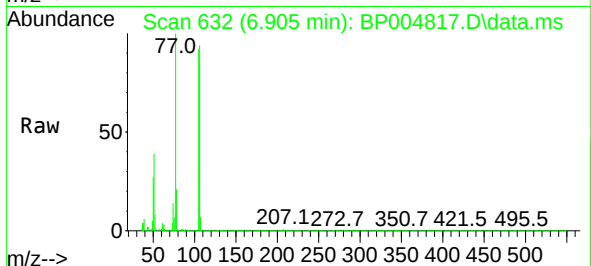




#9  
Benzaldehyde  
Concen: 34.00 ng  
RT: 6.905 min Scan# 632  
Delta R.T. 0.000 min  
Lab File: BP004817.D  
Acq: 19 Feb 2021 12:08

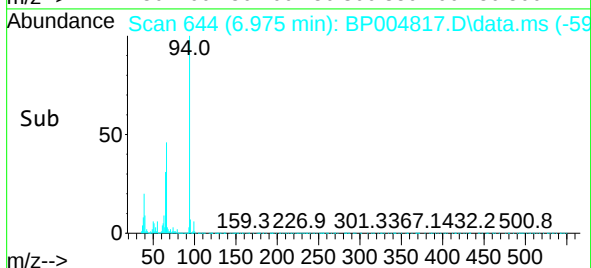
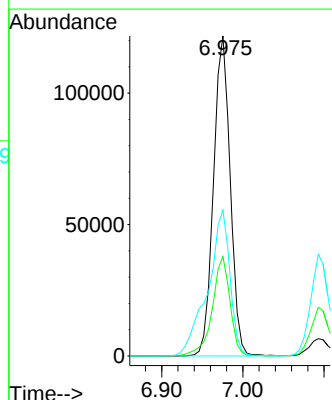
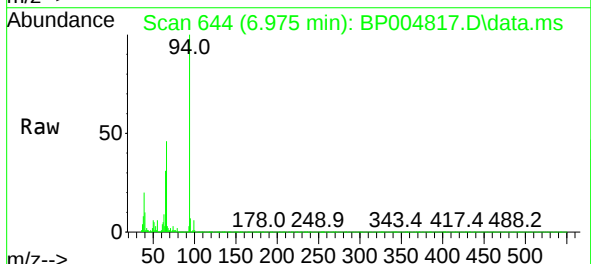
Instrument :  
BNA\_N  
ClientSampleId :

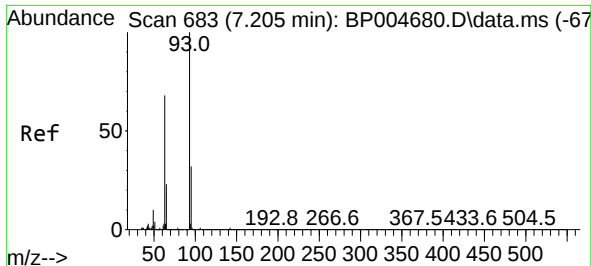
Tgt Ion: 77 Resp: 55580  
Ion Ratio Lower Upper  
77 100  
105 91.9 97.1 137.1#  
106 94.3 93.7 133.7



#10  
Phenol  
Concen: 46.22 ng  
RT: 6.975 min Scan# 644  
Delta R.T. 0.006 min  
Lab File: BP004817.D  
Acq: 19 Feb 2021 12:08

Tgt Ion: 94 Resp: 174146  
Ion Ratio Lower Upper  
94 100  
65 31.1 2.3 42.3  
66 45.6 10.9 50.9

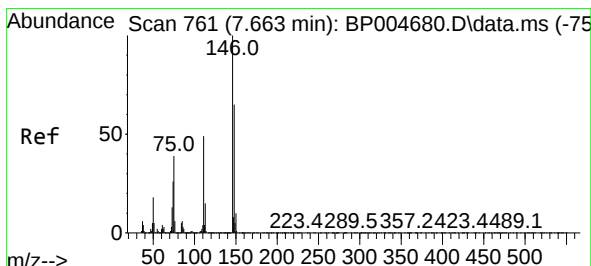
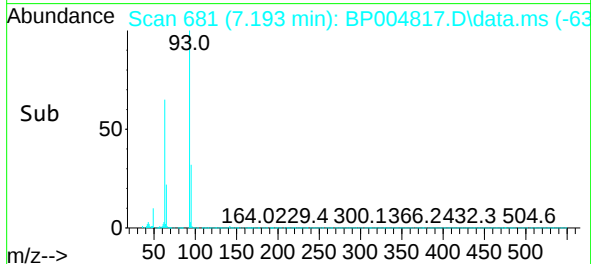
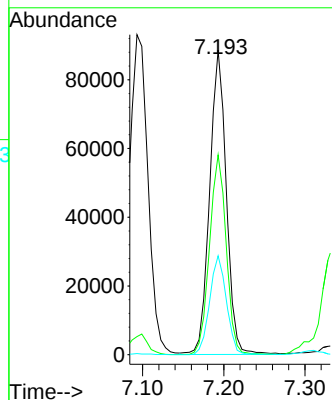
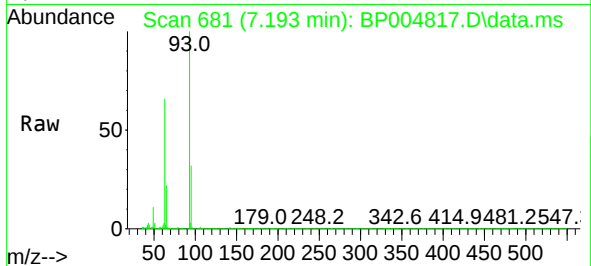




#11  
bis(2-Chloroethyl)ether  
Concen: 43.83 ng  
RT: 7.193 min Scan# 681  
Delta R.T. 0.000 min  
Lab File: BP004817.D  
Acq: 19 Feb 2021 12:08

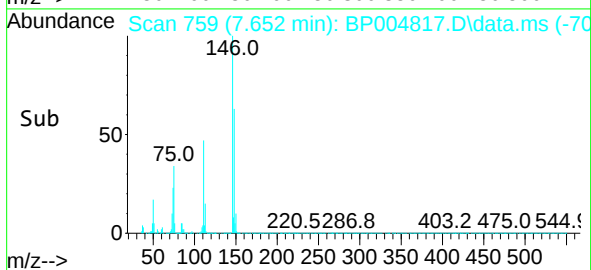
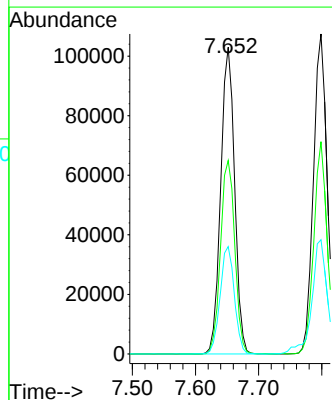
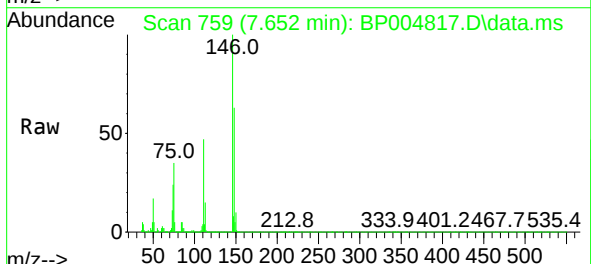
Instrument :  
BNA\_N  
ClientSampleId :

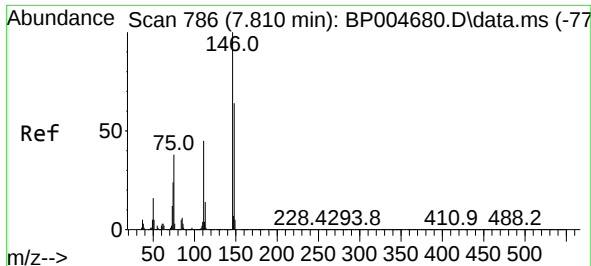
Tgt Ion: 93 Resp: 126285  
Ion Ratio Lower Upper  
93 100  
63 65.6 39.0 79.0  
95 32.4 12.8 52.8



#12  
1,3-Dichlorobenzene  
Concen: 43.76 ng  
RT: 7.652 min Scan# 759  
Delta R.T. 0.000 min  
Lab File: BP004817.D  
Acq: 19 Feb 2021 12:08

Tgt Ion:146 Resp: 157465  
Ion Ratio Lower Upper  
146 100  
148 63.1 52.5 78.7  
75 35.0 18.1 27.1#

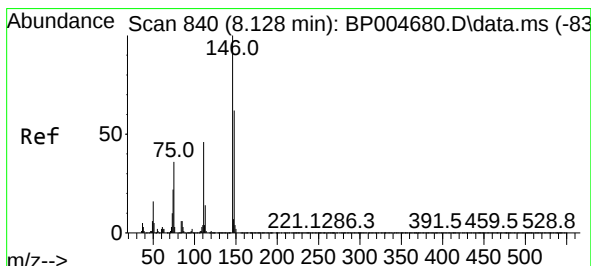
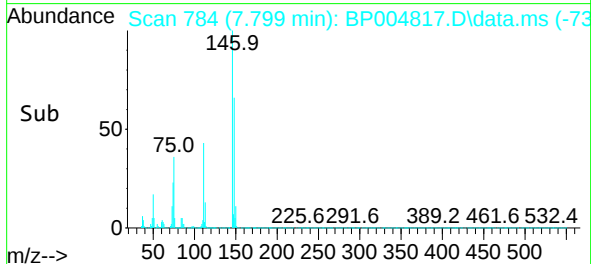
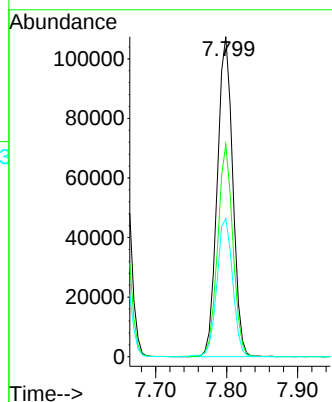
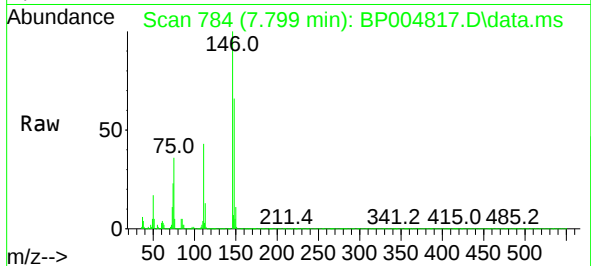




#13  
1,4-Dichlorobenzene  
Concen: 44.27 ng  
RT: 7.799 min Scan# 784  
Delta R.T. 0.000 min  
Lab File: BP004817.D  
Acq: 19 Feb 2021 12:08

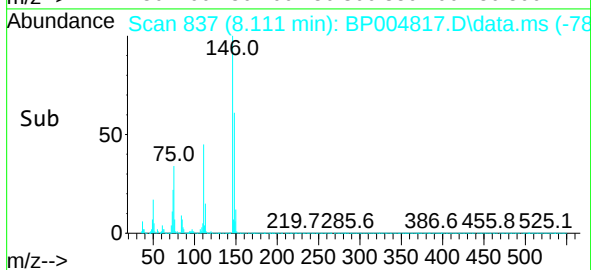
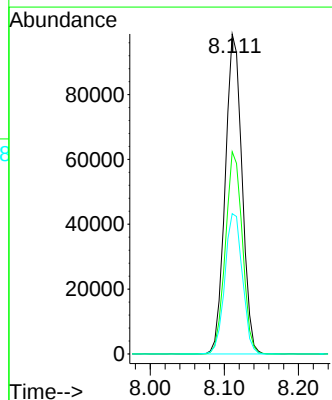
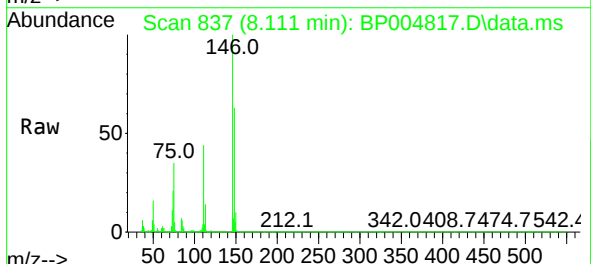
Instrument :  
BNA\_N  
ClientSampled :

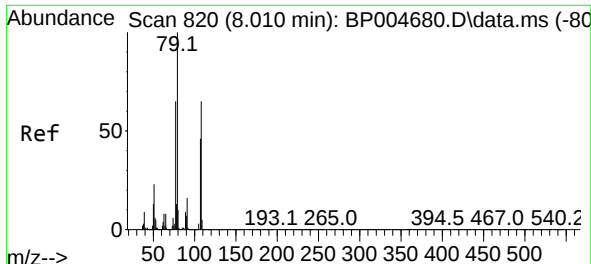
Tgt Ion:146 Resp: 161843  
Ion Ratio Lower Upper  
146 100  
148 66.3 51.3 76.9  
111 43.1 28.9 43.3



#14  
1,2-Dichlorobenzene  
Concen: 44.22 ng  
RT: 8.111 min Scan# 837  
Delta R.T. 0.000 min  
Lab File: BP004817.D  
Acq: 19 Feb 2021 12:08

Tgt Ion:146 Resp: 155039  
Ion Ratio Lower Upper  
146 100  
148 63.2 51.6 77.4  
111 43.9 31.0 46.6

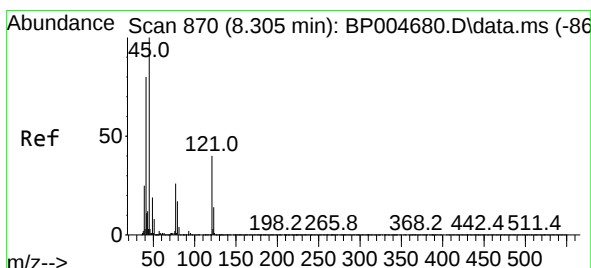
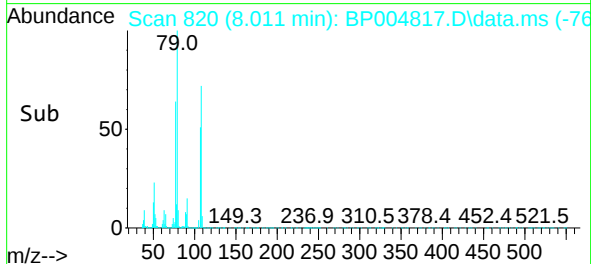
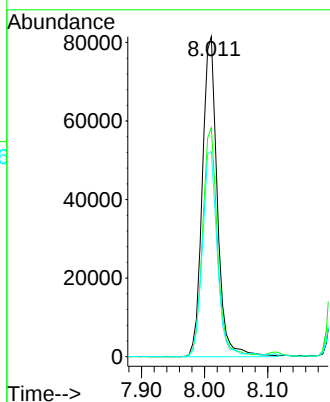
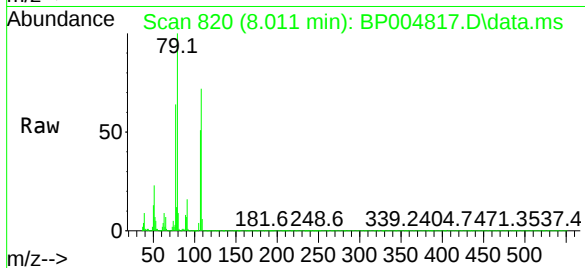




#15  
Benzyl Alcohol  
Concen: 45.91 ng  
RT: 8.011 min Scan# 820  
Delta R.T. 0.006 min  
Lab File: BP004817.D  
Acq: 19 Feb 2021 12:08

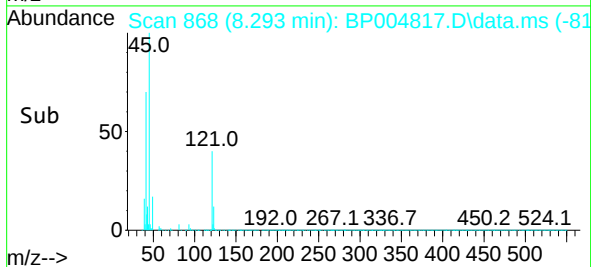
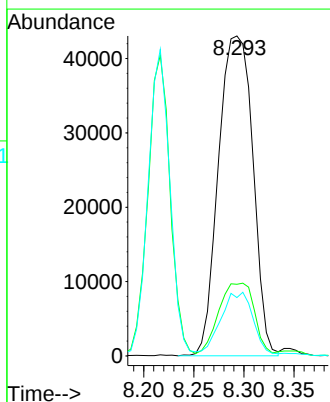
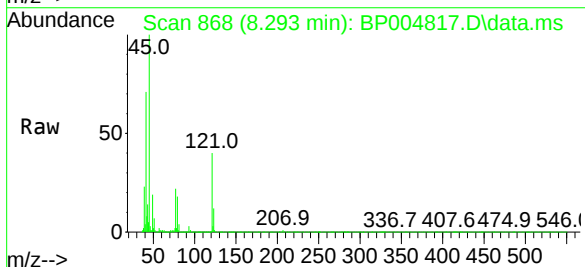
Instrument :  
BNA\_N  
ClientSampleId :

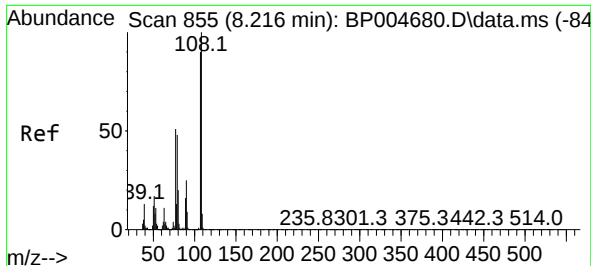
Tgt Ion: 79 Resp: 134174  
Ion Ratio Lower Upper  
79 100  
108 71.5 73.5 110.3#  
77 64.1 50.3 75.5



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 44.07 ng  
RT: 8.293 min Scan# 868  
Delta R.T. 0.000 min  
Lab File: BP004817.D  
Acq: 19 Feb 2021 12:08

Tgt Ion: 45 Resp: 102714  
Ion Ratio Lower Upper  
45 100  
77 22.4 2.3 42.3  
79 18.3 0.0 36.6

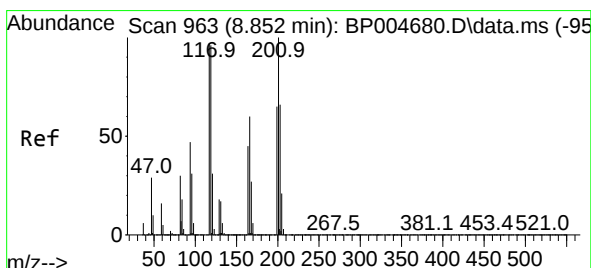
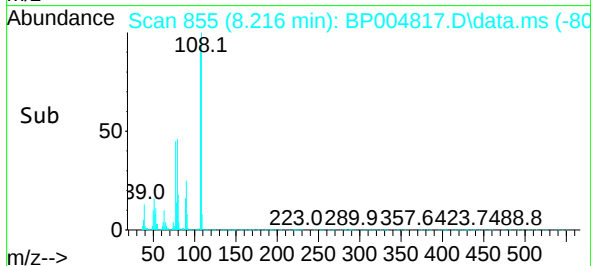
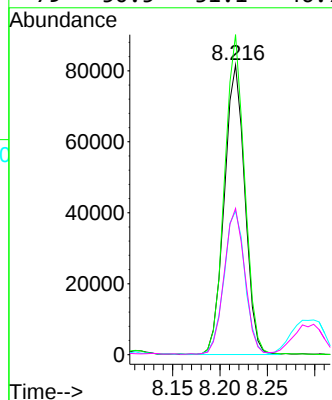
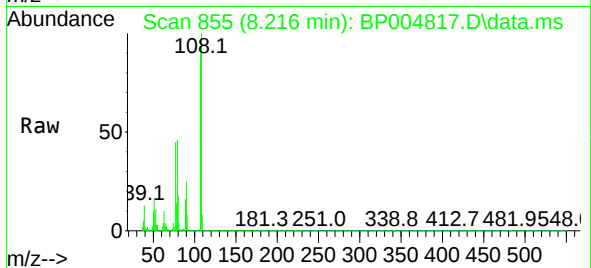




#17  
2-Methylphenol  
Concen: 48.24 ng  
RT: 8.216 min Scan# 855  
Delta R.T. 0.006 min  
Lab File: BP004817.D  
Acq: 19 Feb 2021 12:08

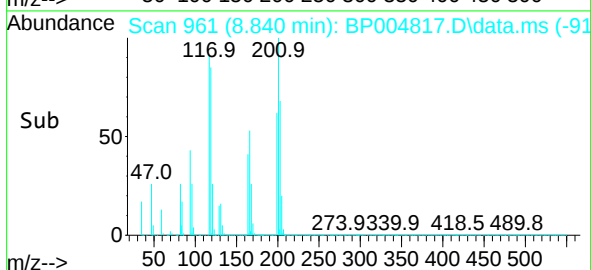
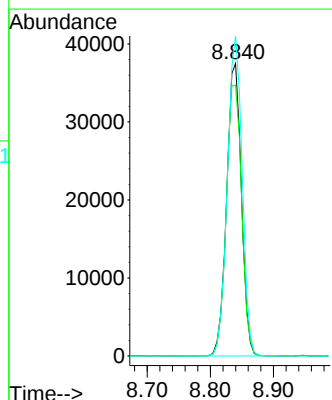
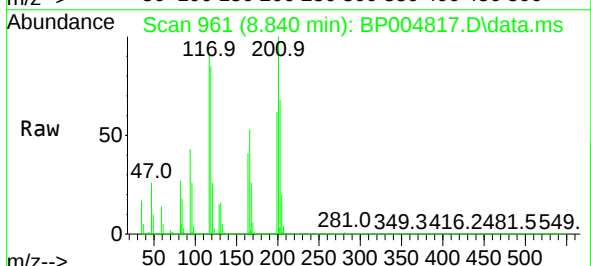
Instrument :  
BNA\_N  
ClientSampled :

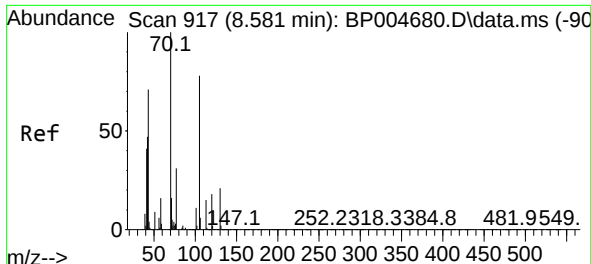
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 122841 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 110.5 | 89.6  | 134.4  |
| 77        | 49.6  | 31.8  | 47.6#  |
| 79        | 50.5  | 31.1  | 46.7#  |



#18  
Hexachloroethane  
Concen: 44.34 ng  
RT: 8.840 min Scan# 961  
Delta R.T. 0.000 min  
Lab File: BP004817.D  
Acq: 19 Feb 2021 12:08

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 60735 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 119       | 92.6  | 78.8  | 118.2 |
| 201       | 109.4 | 92.3  | 138.5 |

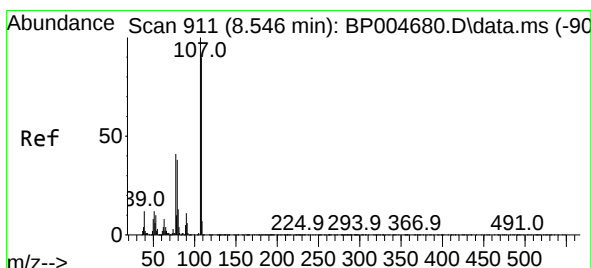
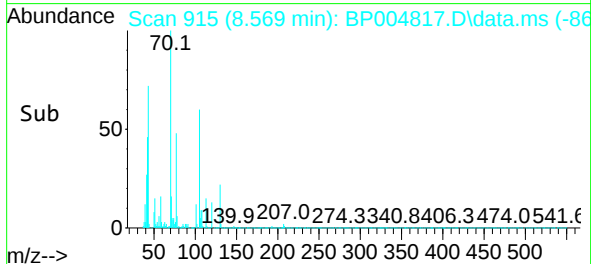
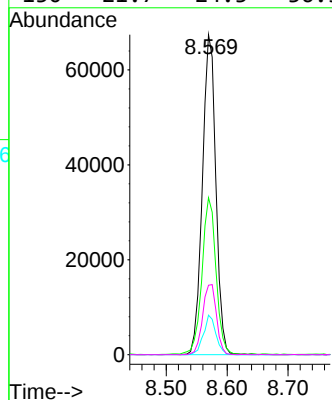
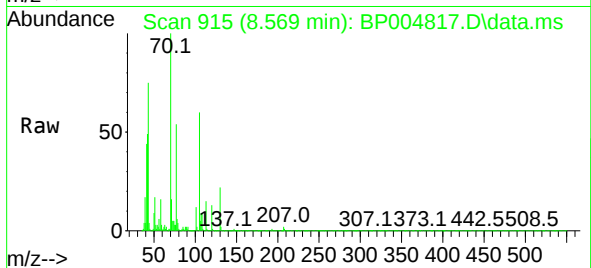




#19  
n-Nitroso-di-n-propylamine  
Concen: 43.95 ng  
RT: 8.569 min Scan# 915  
Delta R.T. 0.000 min  
Lab File: BP004817.D  
Acq: 19 Feb 2021 12:08

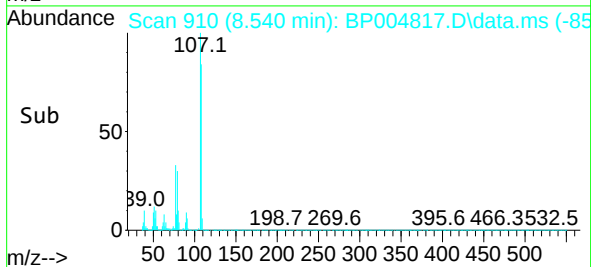
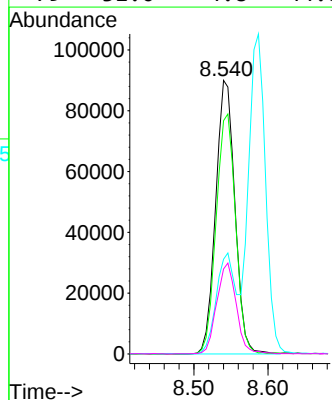
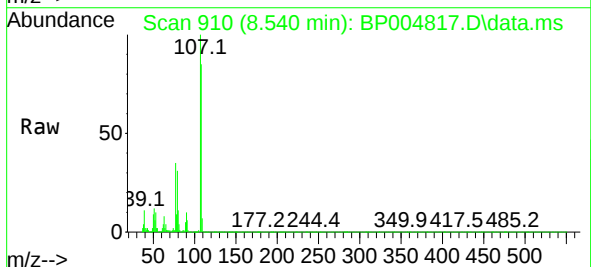
Instrument :  
BNA\_N  
ClientSampleId :

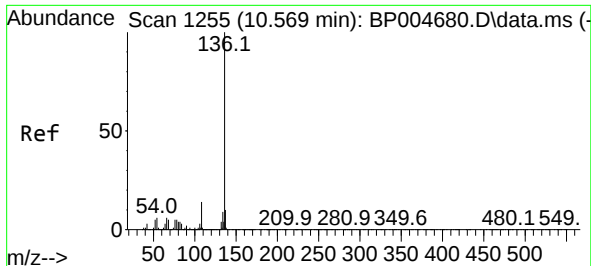
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 103393 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 49.0  | 32.8  | 49.2   |
| 101      | 12.4  | 9.6   | 14.4   |
| 130      | 21.7  | 24.3  | 36.5   |



#20  
3+4-Methylphenols  
Concen: 47.95 ng  
RT: 8.540 min Scan# 910  
Delta R.T. 0.000 min  
Lab File: BP004817.D  
Acq: 19 Feb 2021 12:08

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 162039 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 85.3  | 69.0  | 109.0  |
| 77       | 34.6  | 8.5   | 48.5   |
| 79       | 31.0  | 4.8   | 44.8   |

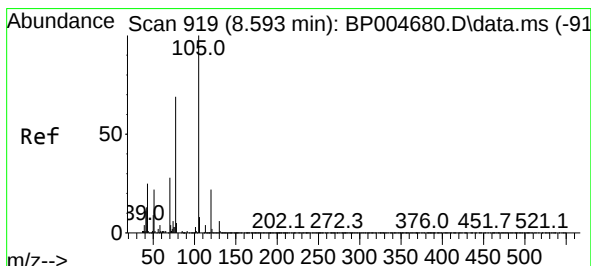
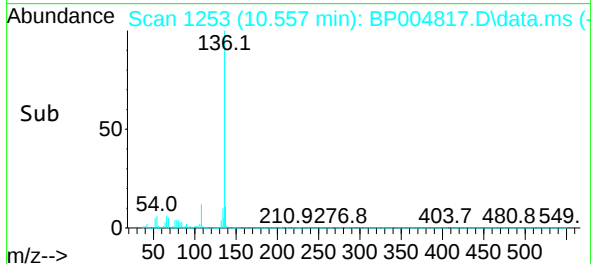
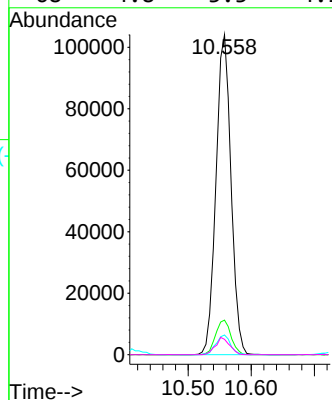
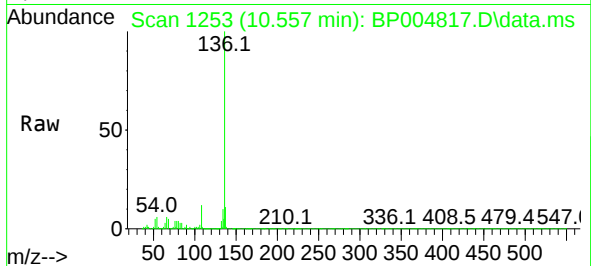




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.557 min Scan# 1253  
Delta R.T. 0.000 min  
Lab File: BP004817.D  
Acq: 19 Feb 2021 12:08

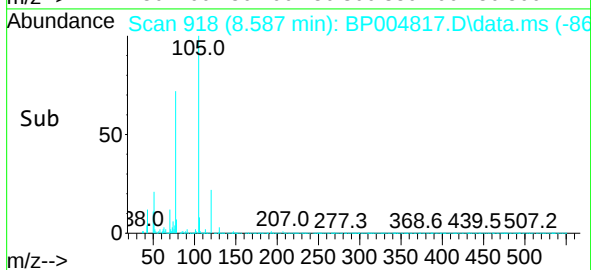
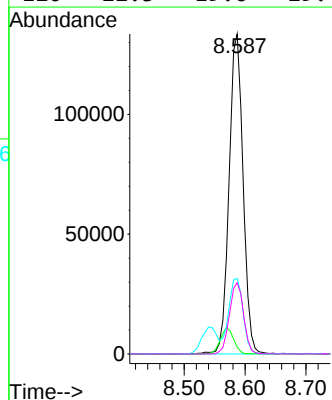
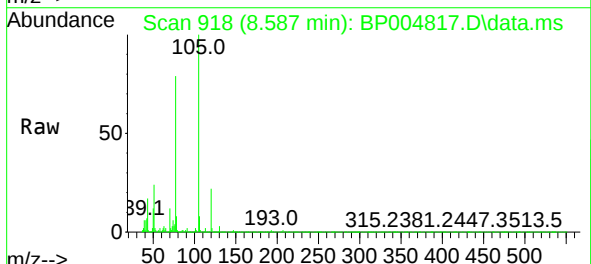
Instrument :  
BNA\_N  
ClientSampleId :

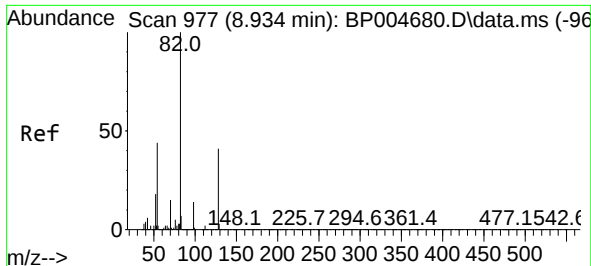
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 171439 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 10.8  | 8.6   | 13.0   |
| 54        | 6.1   | 3.6   | 5.4#   |
| 68        | 4.8   | 3.3   | 4.9    |



#22  
Acetophenone  
Concen: 42.79 ng  
RT: 8.587 min Scan# 918  
Delta R.T. 0.000 min  
Lab File: BP004817.D  
Acq: 19 Feb 2021 12:08

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 213214 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 71        | 2.1   | 2.6   | 3.8#   |
| 51        | 23.6  | 13.5  | 20.3#  |
| 120       | 22.3  | 19.6  | 29.4   |

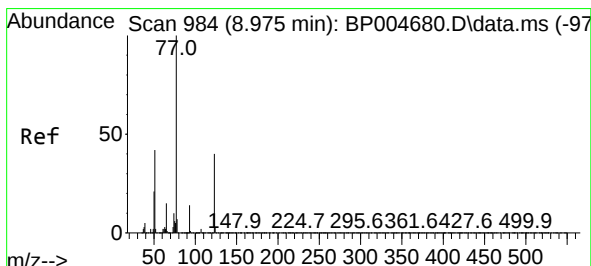
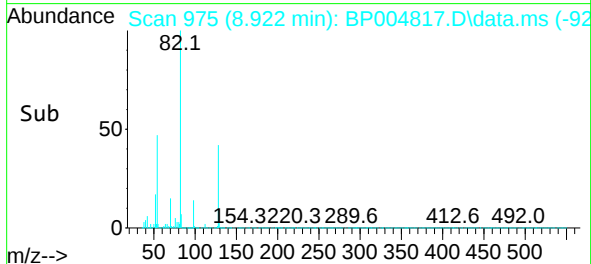
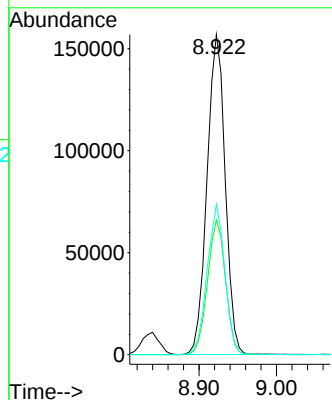
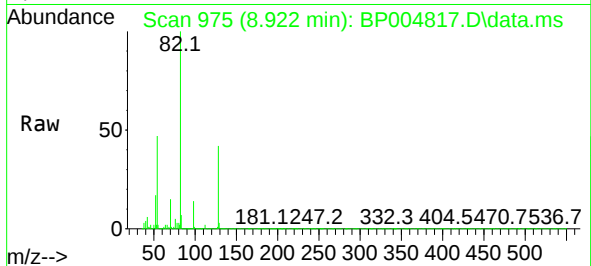




#23  
Nitrobenzene-d5  
Concen: 64.82 ng  
RT: 8.922 min Scan# 975  
Delta R.T. 0.000 min  
Lab File: BP004817.D  
Acq: 19 Feb 2021 12:08

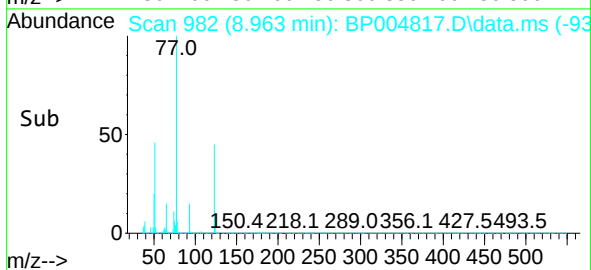
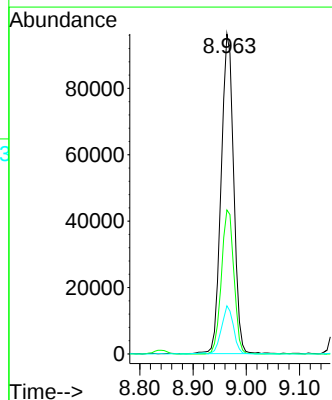
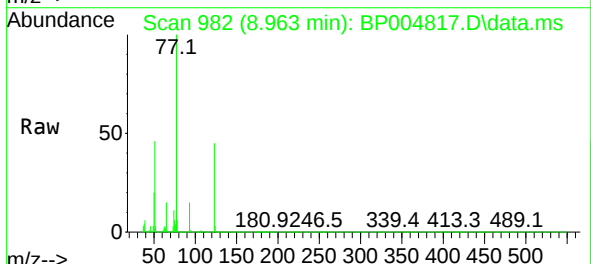
Instrument :  
BNA\_N  
ClientSampleId :

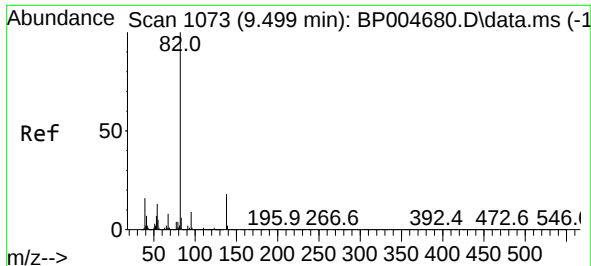
Tgt Ion: 82 Resp: 255065  
Ion Ratio Lower Upper  
82 100  
128 42.1 45.6 68.4#  
54 47.0 30.1 45.1#



#24  
Nitrobenzene  
Concen: 40.49 ng  
RT: 8.963 min Scan# 982  
Delta R.T. 0.000 min  
Lab File: BP004817.D  
Acq: 19 Feb 2021 12:08

Tgt Ion: 77 Resp: 157493  
Ion Ratio Lower Upper  
77 100  
123 45.0 48.6 72.8#  
65 15.1 10.0 15.0#

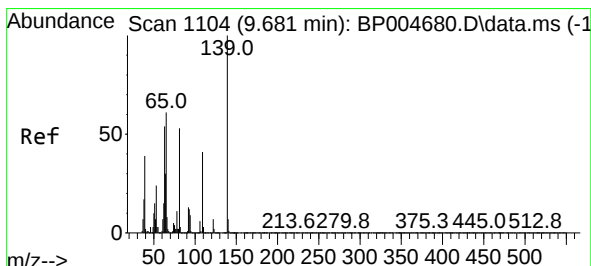
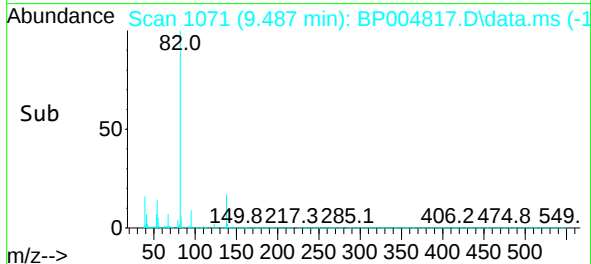
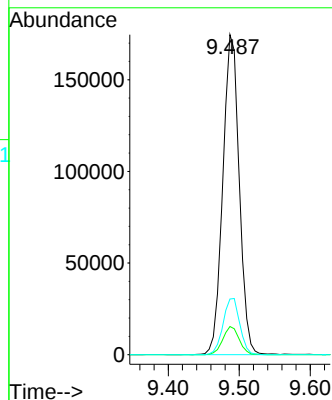
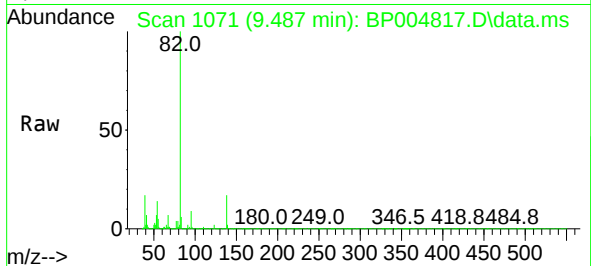




#25  
Isophorone  
Concen: 44.41 ng  
RT: 9.487 min Scan# 1071  
Delta R.T. 0.000 min  
Lab File: BP004817.D  
Acq: 19 Feb 2021 12:08

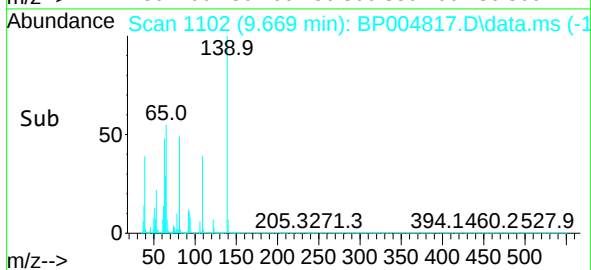
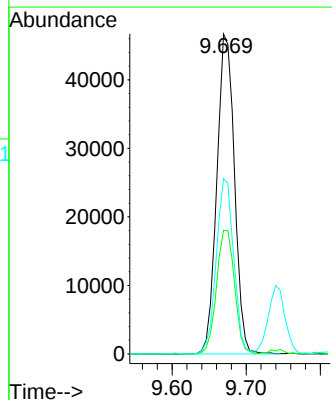
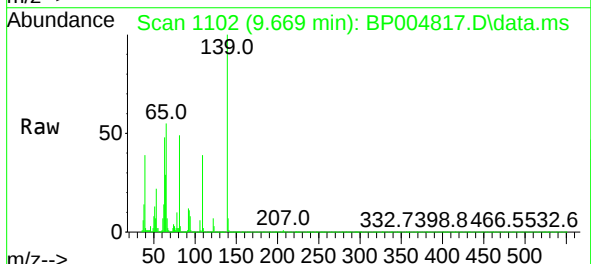
Instrument :  
BNA\_N  
ClientSampleId :

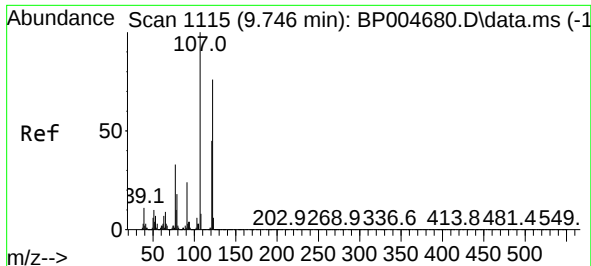
Tgt Ion: 82 Resp: 279251  
Ion Ratio Lower Upper  
82 100  
95 8.8 6.4 9.6  
138 17.4 18.7 28.1#



#26  
2-Nitrophenol  
Concen: 50.05 ng  
RT: 9.669 min Scan# 1102  
Delta R.T. -0.005 min  
Lab File: BP004817.D  
Acq: 19 Feb 2021 12:08

Tgt Ion: 139 Resp: 77112  
Ion Ratio Lower Upper  
139 100  
109 38.6 22.1 33.1#  
65 54.8 26.5 39.7#

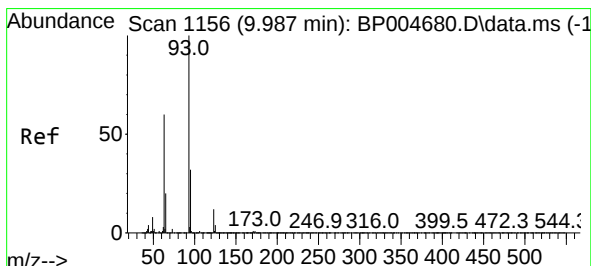
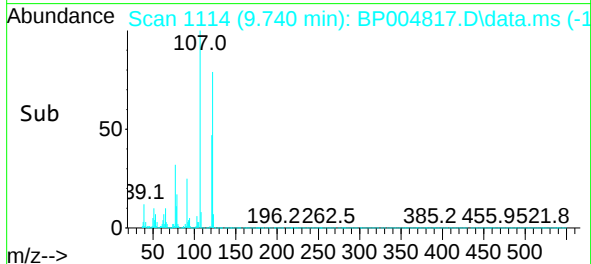
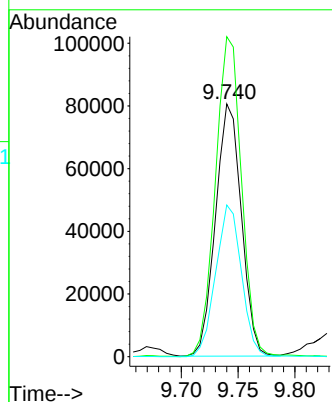
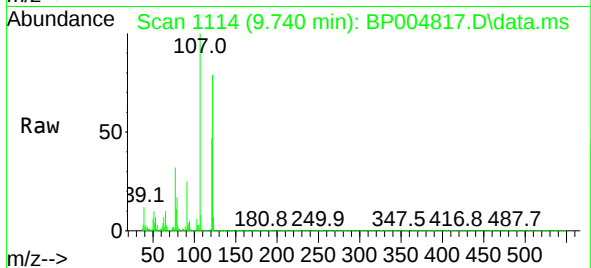




#27  
2,4-Dimethylphenol  
Concen: 53.18 ng  
RT: 9.740 min Scan# 1114  
Delta R.T. 0.000 min  
Lab File: BP004817.D  
Acq: 19 Feb 2021 12:08

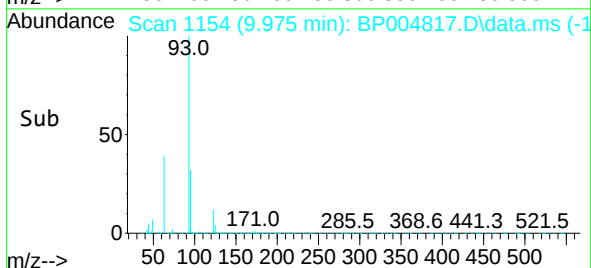
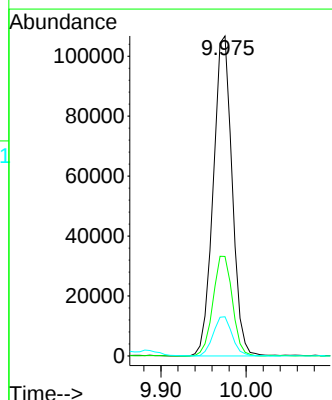
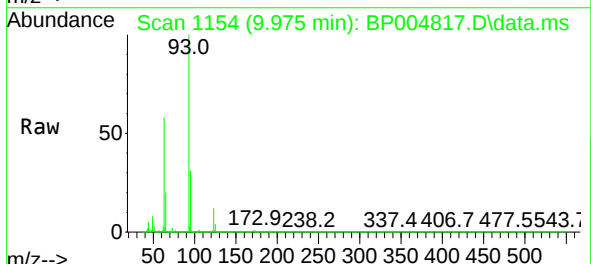
Instrument :  
BNA\_N  
ClientSampleId :

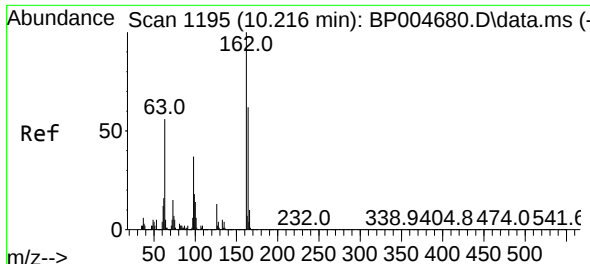
Tgt Ion:122 Resp: 127449  
Ion Ratio Lower Upper  
122 100  
107 126.6 87.3 130.9  
121 60.0 47.3 70.9



#28  
bis(2-Chloroethoxy)methane  
Concen: 40.51 ng  
RT: 9.975 min Scan# 1154  
Delta R.T. 0.006 min  
Lab File: BP004817.D  
Acq: 19 Feb 2021 12:08

Tgt Ion: 93 Resp: 164128  
Ion Ratio Lower Upper  
93 100  
95 31.1 26.7 40.1  
123 12.3 10.5 15.7

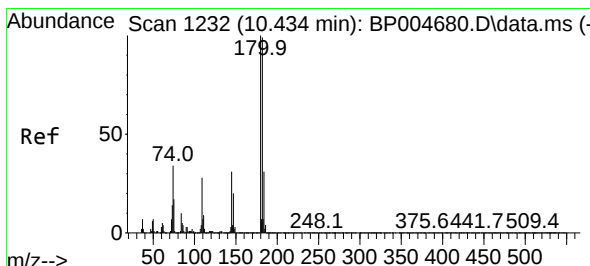
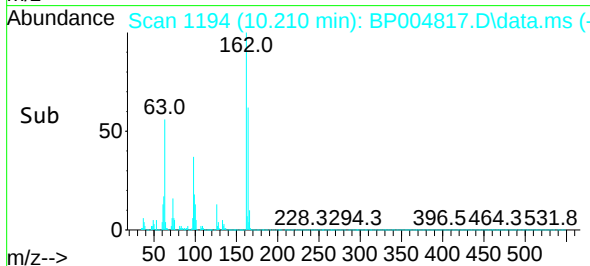
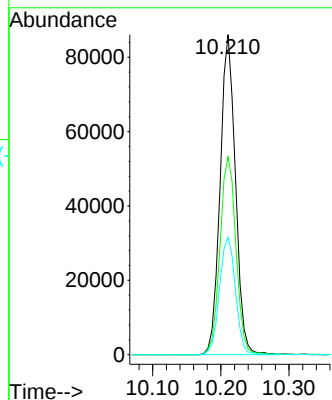
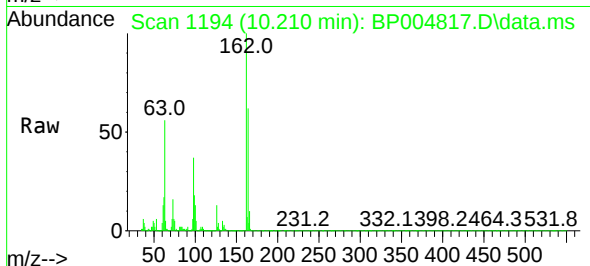




#29  
2,4-Dichlorophenol  
Concen: 46.59 ng  
RT: 10.210 min Scan# 1194  
Delta R.T. 0.000 min  
Lab File: BP004817.D  
Acq: 19 Feb 2021 12:08

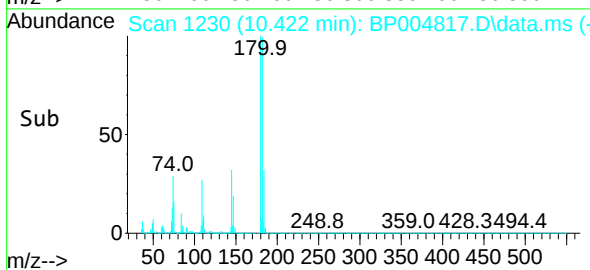
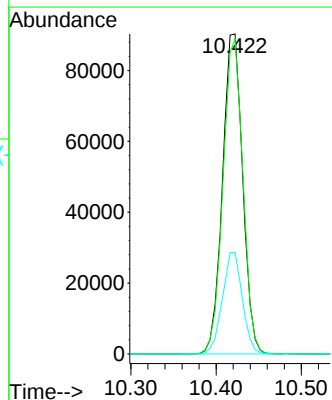
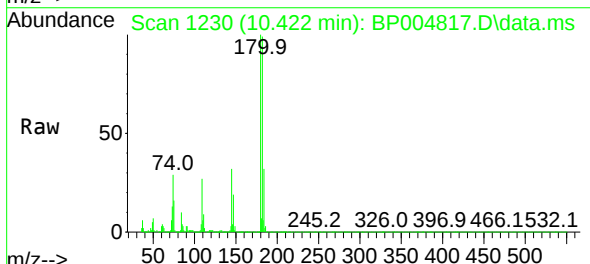
Instrument :  
BNA\_N  
ClientSampleId :

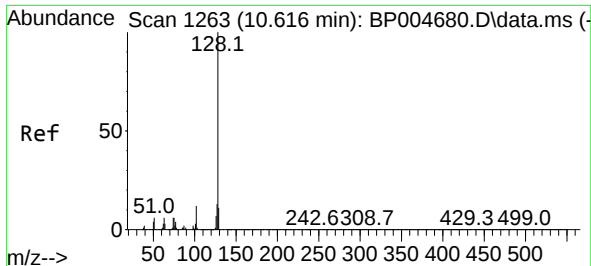
Tgt Ion:162 Resp: 134860  
Ion Ratio Lower Upper  
162 100  
164 61.8 45.8 85.8  
98 36.6 10.2 50.2



#30  
1,2,4-Trichlorobenzene  
Concen: 41.38 ng  
RT: 10.422 min Scan# 1230  
Delta R.T. 0.000 min  
Lab File: BP004817.D  
Acq: 19 Feb 2021 12:08

Tgt Ion:180 Resp: 147988  
Ion Ratio Lower Upper  
180 100  
182 98.5 76.2 114.2  
145 31.8 23.8 35.8

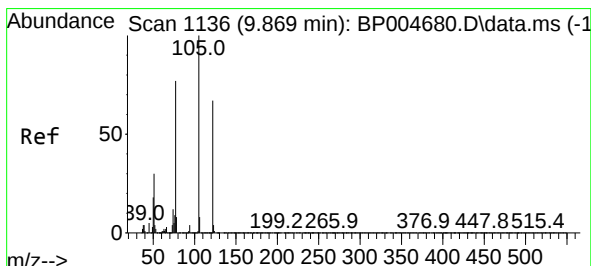
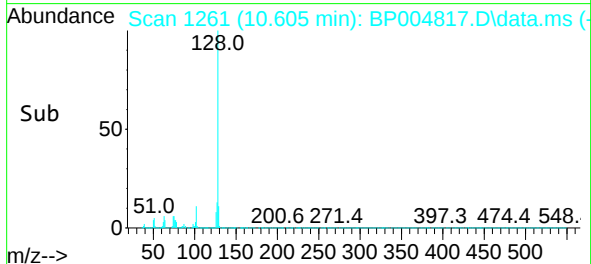
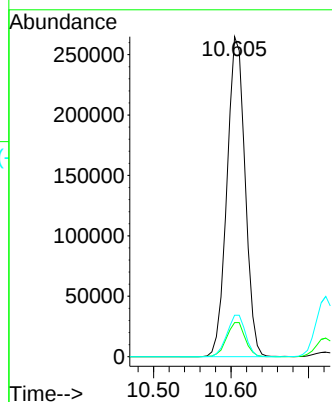
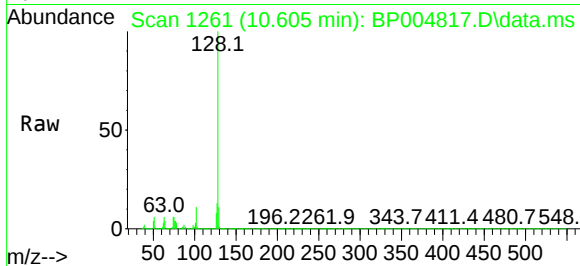




#31  
Naphthalene  
Concen: 43.06 ng  
RT: 10.605 min Scan# 1261  
Delta R.T. 0.000 min  
Lab File: BP004817.D  
Acq: 19 Feb 2021 12:08

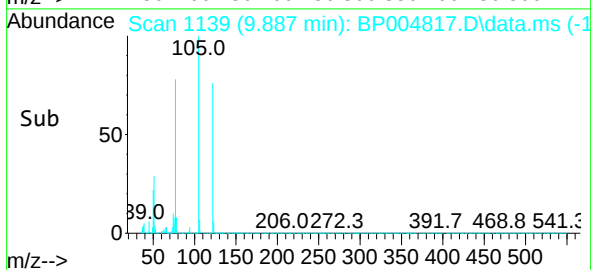
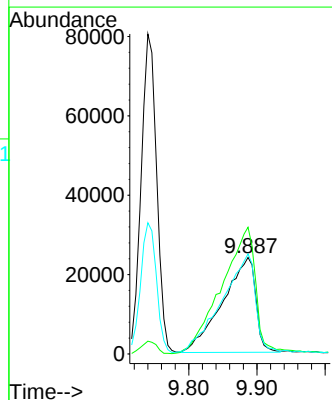
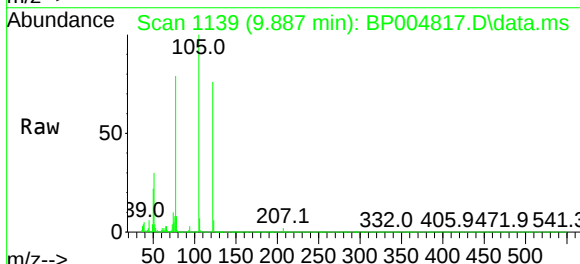
Instrument :  
BNA\_N  
ClientSampleId :

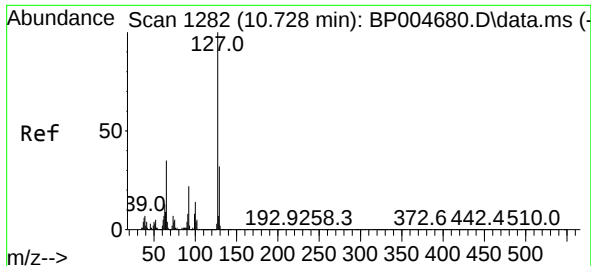
Tgt Ion:128 Resp: 430844  
Ion Ratio Lower Upper  
128 100  
129 10.7 8.8 13.2  
127 13.0 10.6 15.8



#32  
Benzoic acid  
Concen: 41.00 ng  
RT: 9.887 min Scan# 1139  
Delta R.T. 0.018 min  
Lab File: BP004817.D  
Acq: 19 Feb 2021 12:08

Tgt Ion:122 Resp: 80832  
Ion Ratio Lower Upper  
122 100  
105 131.4 94.1 134.1  
77 103.7 50.1 90.1#

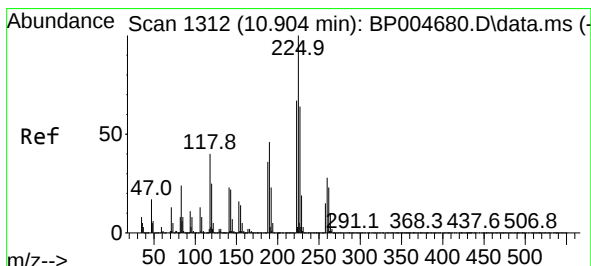
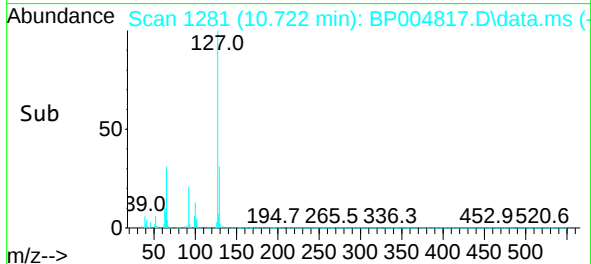
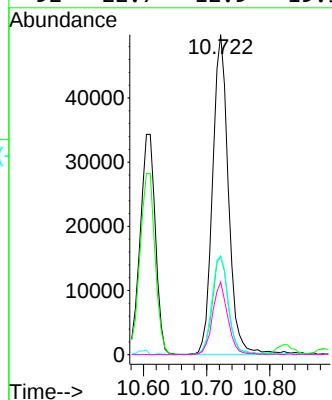
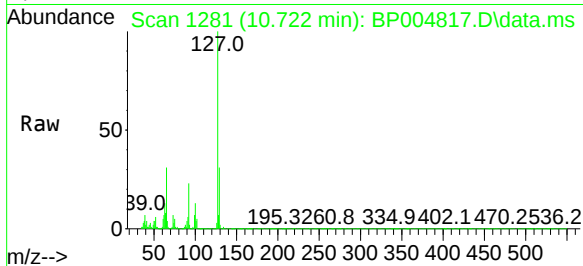




#33  
4-Chloroaniline  
Concen: 21.11 ng  
RT: 10.722 min Scan# 1281  
Delta R.T. 0.000 min  
Lab File: BP004817.D  
Acq: 19 Feb 2021 12:08

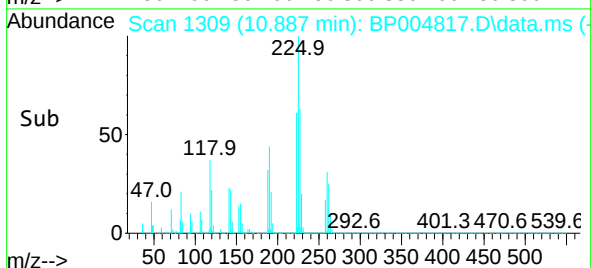
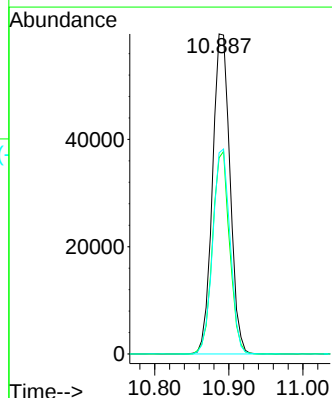
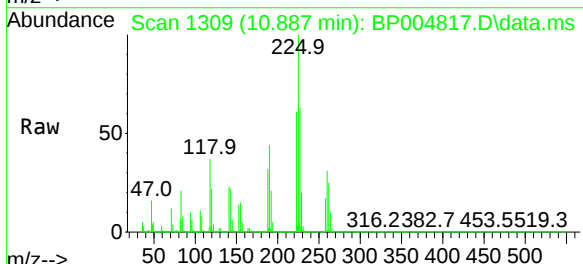
Instrument :  
BNA\_N  
ClientSampleId :

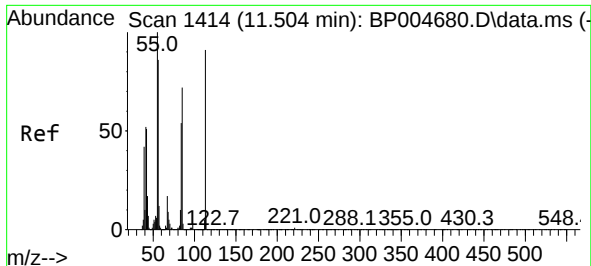
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 127   | Resp: | 86661 |
| Ion Ratio | Lower | Upper |       |
| 127       | 100   |       |       |
| 129       | 30.8  | 25.7  | 38.5  |
| 65        | 30.7  | 17.3  | 25.9# |
| 92        | 22.7  | 12.9  | 19.3# |



#34  
Hexachlorobutadiene  
Concen: 40.64 ng  
RT: 10.887 min Scan# 1309  
Delta R.T. -0.005 min  
Lab File: BP004817.D  
Acq: 19 Feb 2021 12:08

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 97638 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 61.3  | 50.1  | 75.1  |
| 227       | 62.9  | 51.4  | 77.2  |

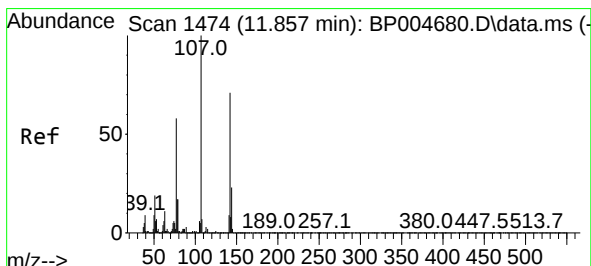
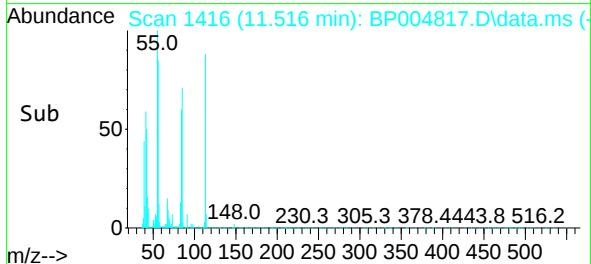
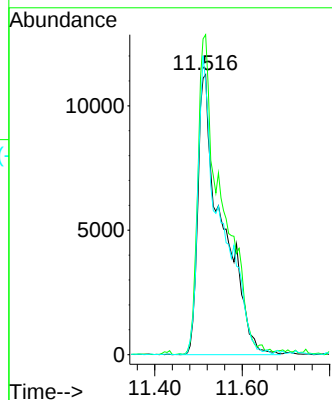
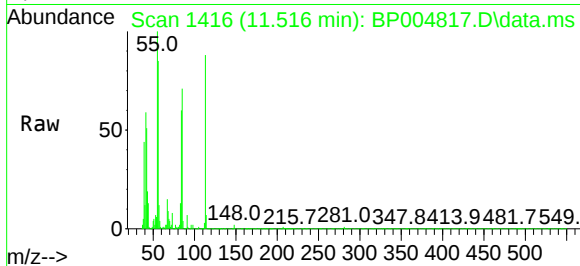




#35  
Caprolactam  
Concen: 47.27 ng  
RT: 11.516 min Scan# 1416  
Delta R.T. 0.006 min  
Lab File: BP004817.D  
Acq: 19 Feb 2021 12:08

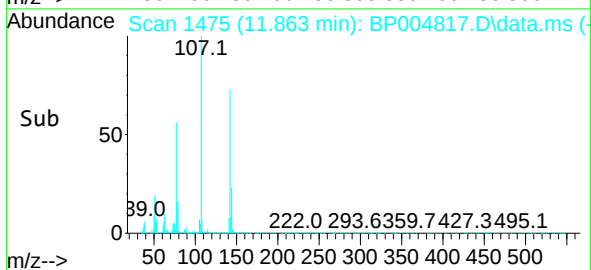
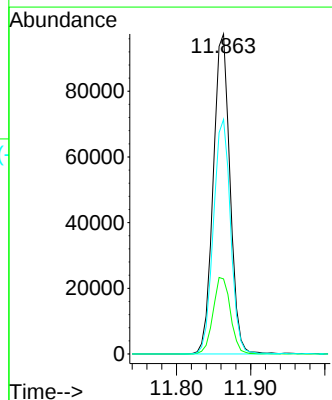
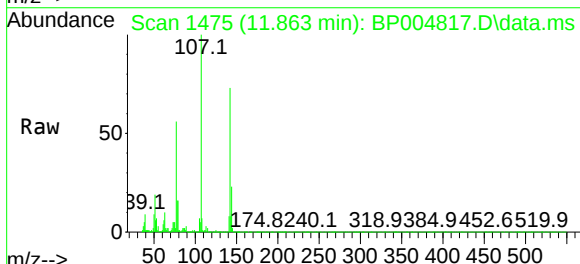
Instrument :  
BNA\_N  
ClientSampleId :

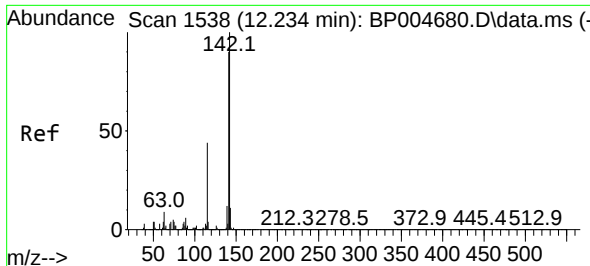
Tgt Ion:113 Resp: 43242  
Ion Ratio Lower Upper  
113 100  
55 114.2 77.3 117.3  
56 97.2 55.9 95.9#



#36  
4-Chloro-3-methylphenol  
Concen: 44.53 ng  
RT: 11.863 min Scan# 1475  
Delta R.T. 0.006 min  
Lab File: BP004817.D  
Acq: 19 Feb 2021 12:08

Tgt Ion:107 Resp: 153080  
Ion Ratio Lower Upper  
107 100  
144 23.4 22.7 34.1  
142 73.3 70.7 106.1

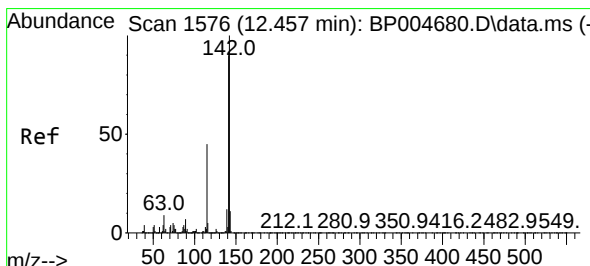
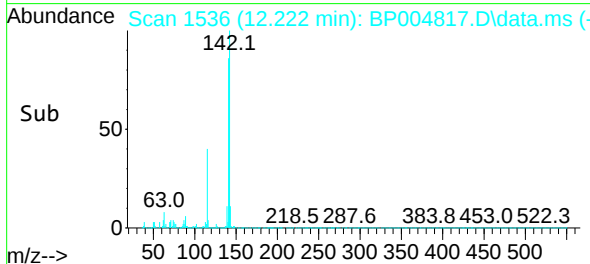
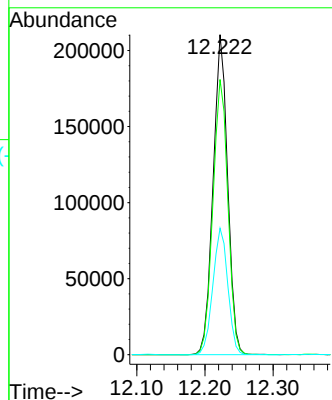
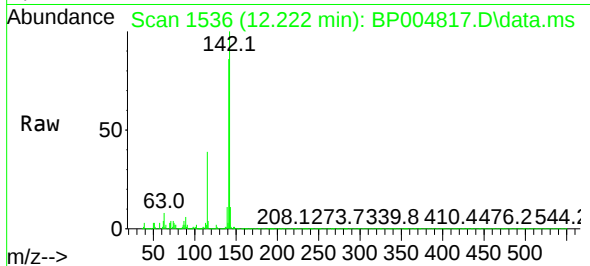




#37  
2-Methylnaphthalene  
Concen: 43.87 ng  
RT: 12.222 min Scan# 1536  
Delta R.T. 0.000 min  
Lab File: BP004817.D  
Acq: 19 Feb 2021 12:08

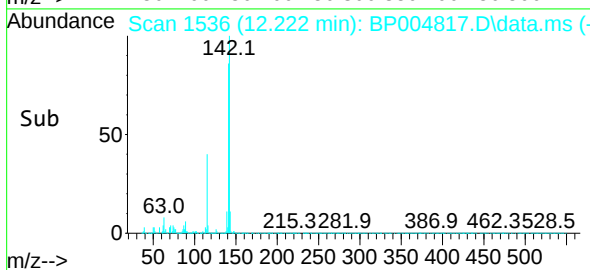
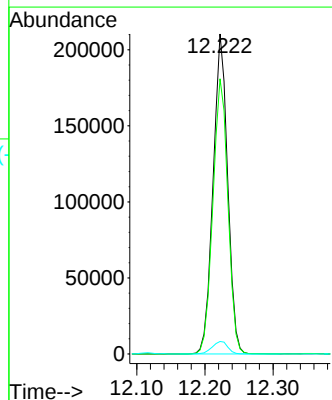
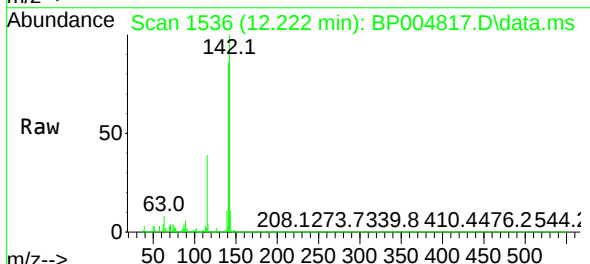
Instrument :  
BNA\_N  
ClientSampleId :

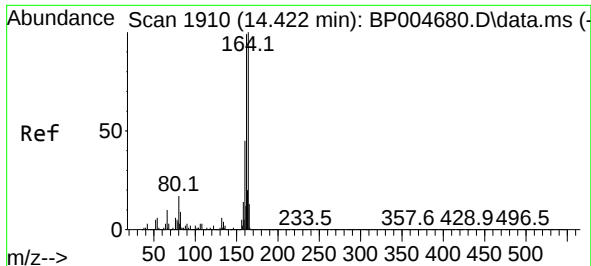
Tgt Ion:142 Resp: 312270  
Ion Ratio Lower Upper  
142 100  
141 86.0 71.4 107.2  
115 39.5 25.8 38.6#



#38  
1-Methylnaphthalene  
Concen: 46.35 ng  
RT: 12.222 min Scan# 1536  
Delta R.T. -0.223 min  
Lab File: BP004817.D  
Acq: 19 Feb 2021 12:08

Tgt Ion:142 Resp: 312270  
Ion Ratio Lower Upper  
142 100  
141 86.0 74.4 111.6  
116 3.9 2.9 4.3

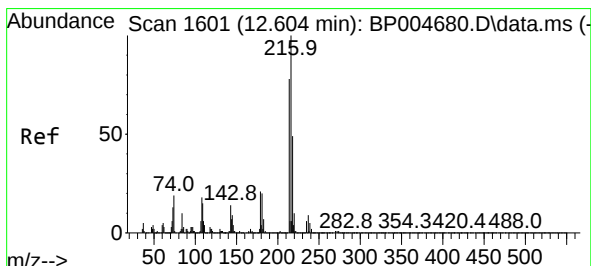
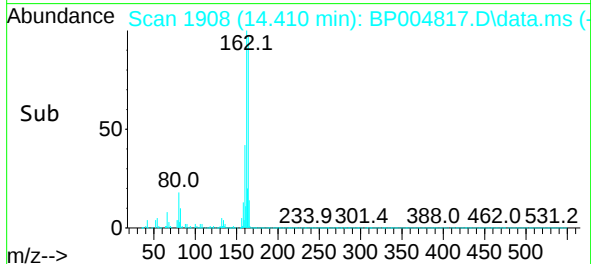
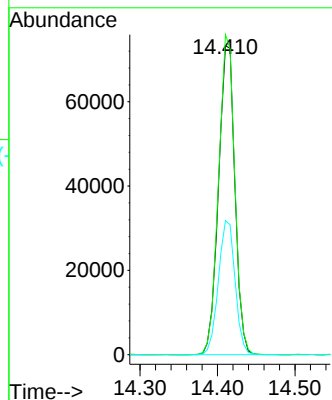
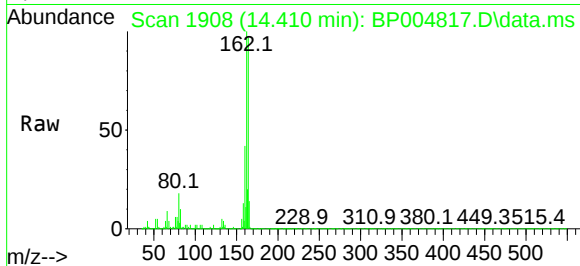




#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.410 min Scan# 1908  
Delta R.T. 0.000 min  
Lab File: BP004817.D  
Acq: 19 Feb 2021 12:08

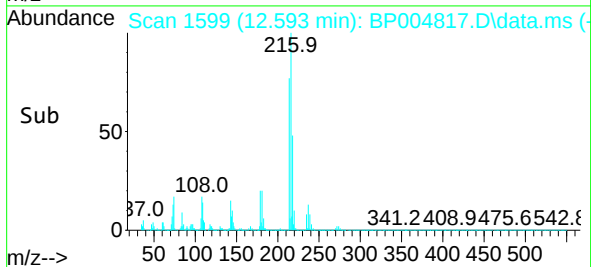
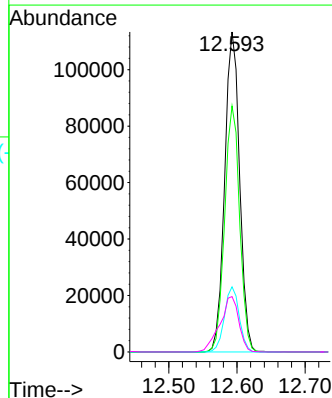
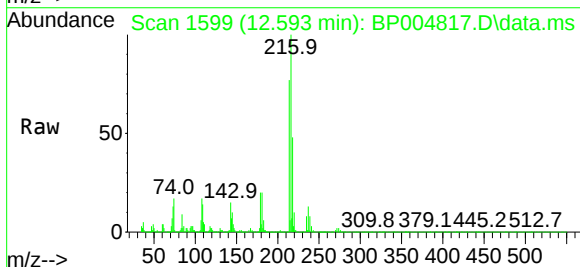
Instrument :  
BNA\_N  
ClientSampled :

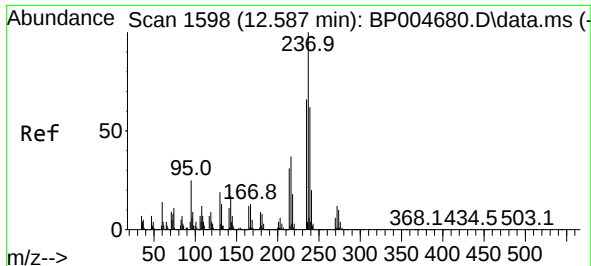
Tgt Ion:164 Resp: 108213  
Ion Ratio Lower Upper  
164 100  
162 103.6 79.4 119.2  
160 43.4 36.1 54.1



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 44.33 ng  
RT: 12.593 min Scan# 1599  
Delta R.T. 0.000 min  
Lab File: BP004817.D  
Acq: 19 Feb 2021 12:08

Tgt Ion:216 Resp: 172353  
Ion Ratio Lower Upper  
216 100  
214 77.2 63.0 94.6  
179 20.3 16.9 25.3  
108 22.0 12.6 19.0#

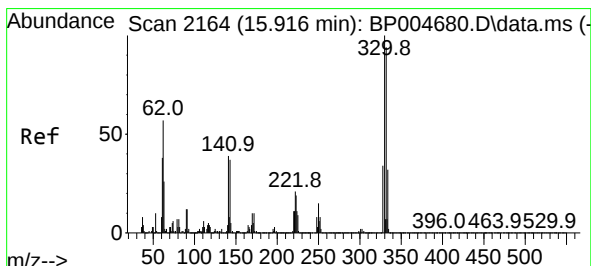
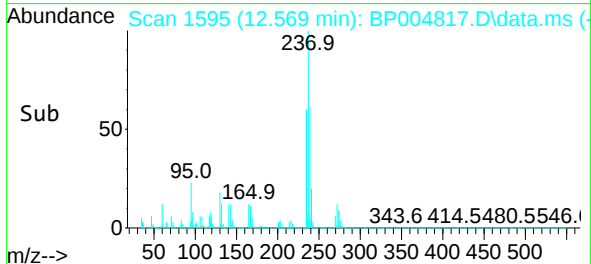
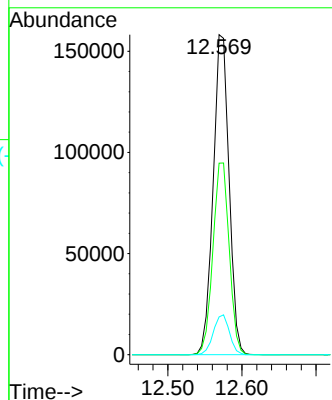
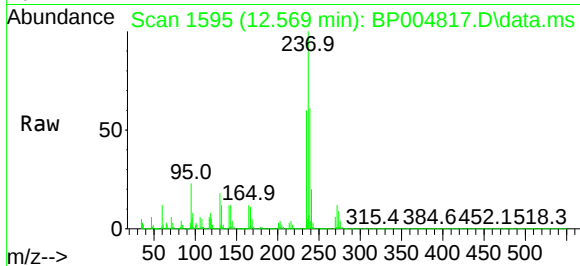




#41  
Hexachlorocyclopentadiene  
Concen: 106.37 ng  
RT: 12.569 min Scan# 1595  
Delta R.T. 0.000 min  
Lab File: BP004817.D  
Acq: 19 Feb 2021 12:08

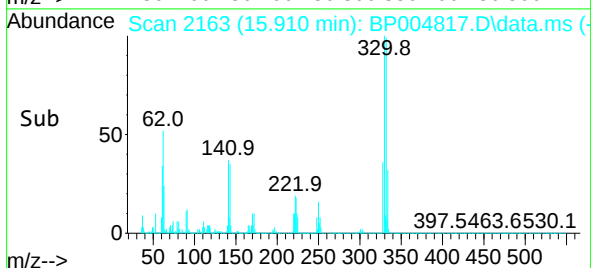
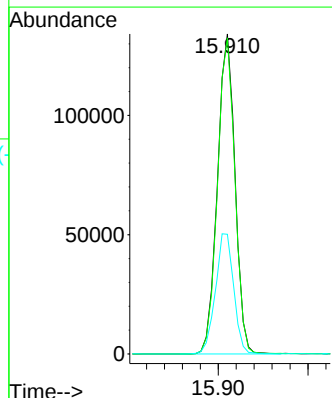
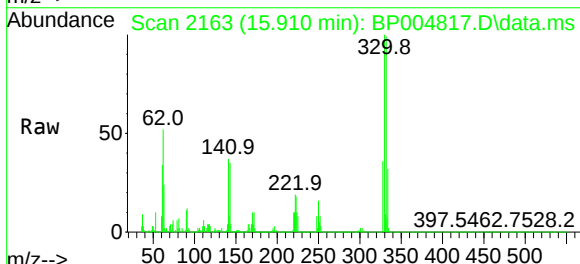
Instrument :  
BNA\_N  
ClientSampleId :

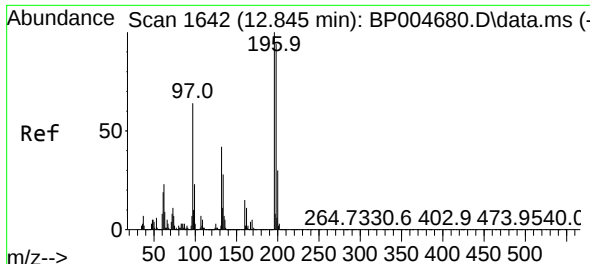
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 237     | 100   |       |       |
| 235     | 59.8  | 43.2  | 83.2  |
| 272     | 11.8  | 0.0   | 33.3  |



#42  
2,4,6-Tribromophenol  
Concen: 126.52 ng  
RT: 15.910 min Scan# 2163  
Delta R.T. 0.000 min  
Lab File: BP004817.D  
Acq: 19 Feb 2021 12:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 98.1  | 77.1  | 115.7 |
| 141     | 39.2  | 23.4  | 35.2  |

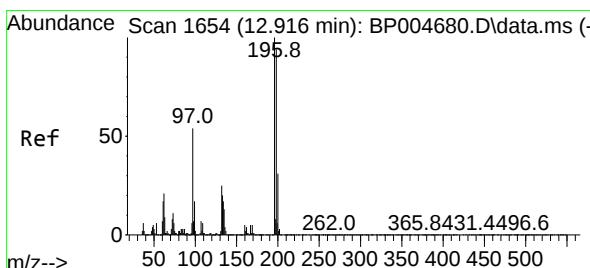
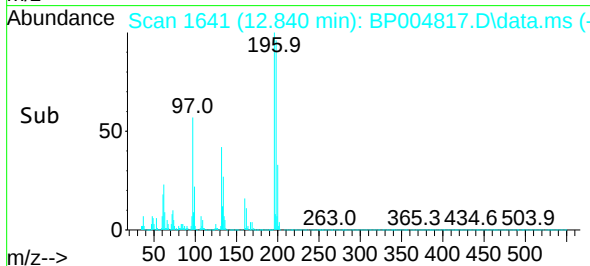
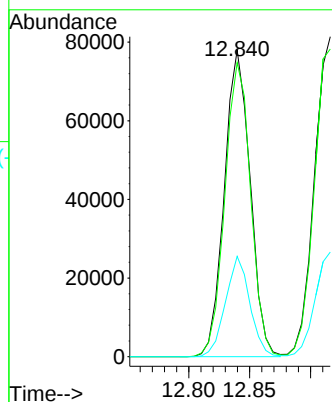
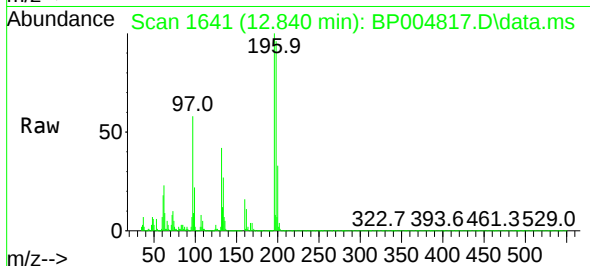




#43  
2,4,6-Trichlorophenol  
Concen: 47.00 ng  
RT: 12.840 min Scan# 1641  
Delta R.T. 0.000 min  
Lab File: BP004817.D  
Acq: 19 Feb 2021 12:08

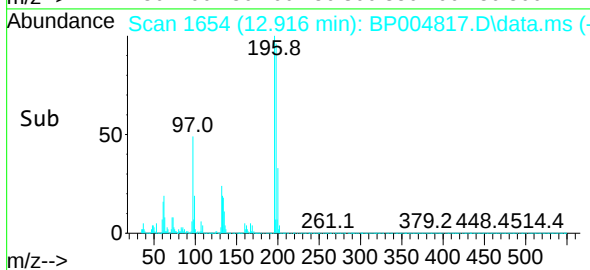
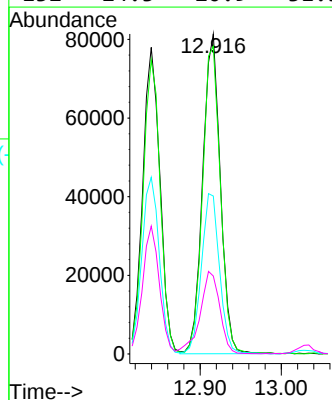
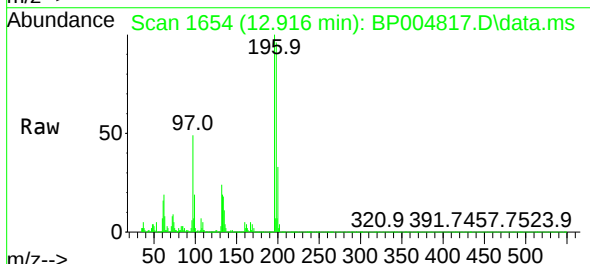
Instrument :  
BNA\_N  
ClientSampleId :

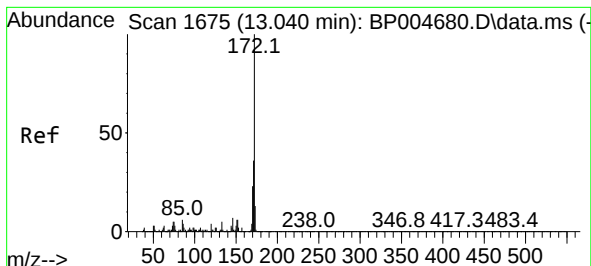
Tgt Ion:196 Resp: 115127  
Ion Ratio Lower Upper  
196 100  
198 95.9 77.0 115.6  
200 32.7 25.1 37.7



#44  
2,4,5-Trichlorophenol  
Concen: 47.77 ng  
RT: 12.916 min Scan# 1654  
Delta R.T. 0.000 min  
Lab File: BP004817.D  
Acq: 19 Feb 2021 12:08

Tgt Ion:196 Resp: 122965  
Ion Ratio Lower Upper  
196 100  
198 96.2 77.3 115.9  
97 49.3 31.0 46.4#  
132 24.3 20.9 31.3

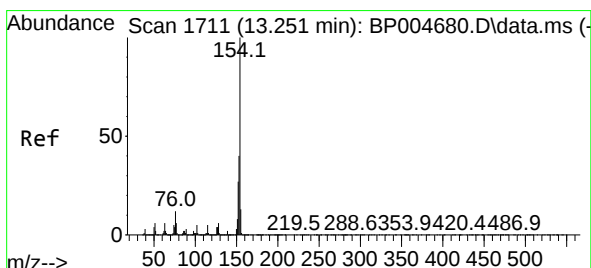
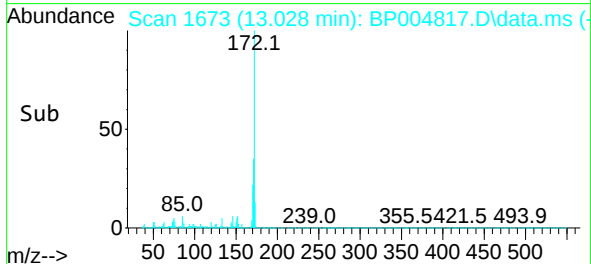
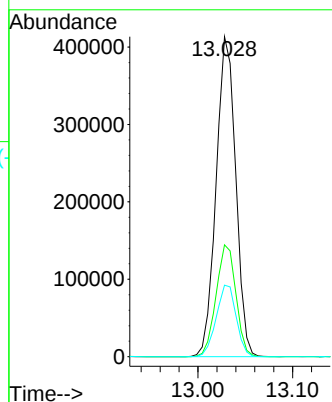
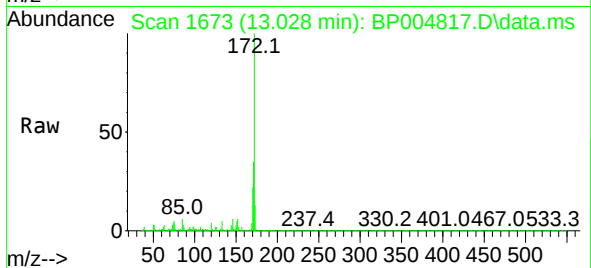




#45  
2-Fluorobiphenyl  
Concen: 67.10 ng  
RT: 13.028 min Scan# 1673  
Delta R.T. 0.000 min  
Lab File: BP004817.D  
Acq: 19 Feb 2021 12:08

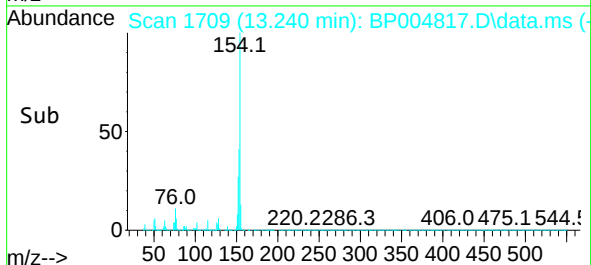
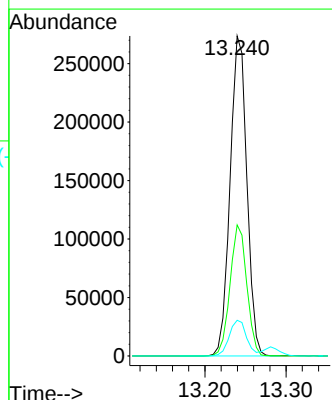
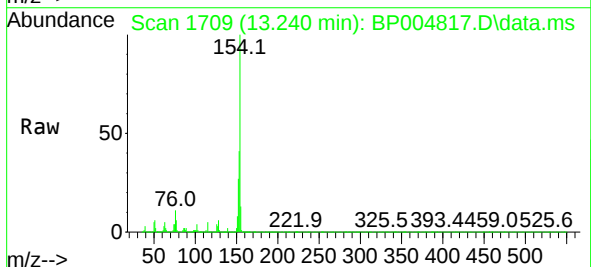
Instrument :  
BNA\_N  
ClientSampleId :

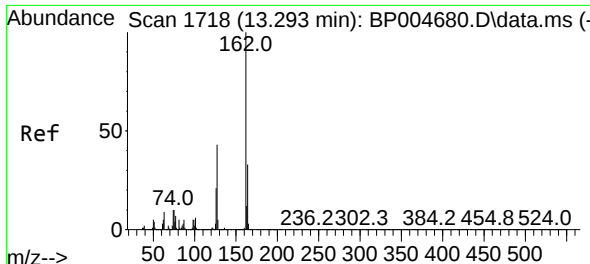
Tgt Ion:172 Resp: 594122  
Ion Ratio Lower Upper  
172 100  
171 35.0 28.5 42.7  
170 22.3 19.2 28.8



#46  
1,1'-Biphenyl  
Concen: 43.25 ng  
RT: 13.240 min Scan# 1709  
Delta R.T. 0.000 min  
Lab File: BP004817.D  
Acq: 19 Feb 2021 12:08

Tgt Ion:154 Resp: 391835  
Ion Ratio Lower Upper  
154 100  
153 40.9 20.4 60.4  
76 11.1 0.0 29.3

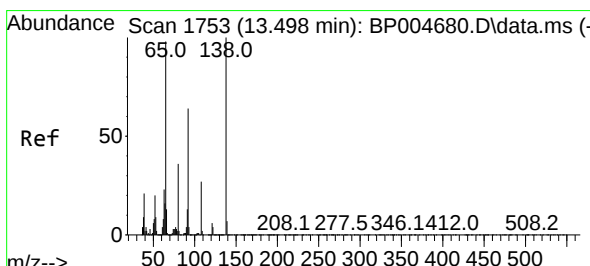
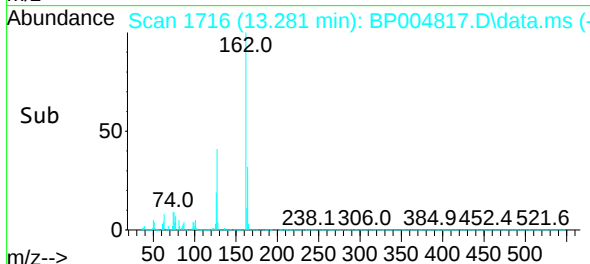
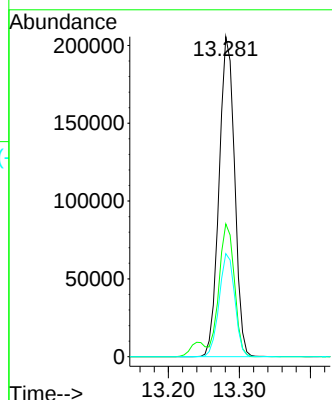
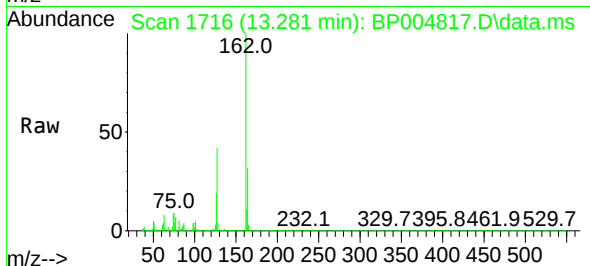




#47  
2-Chloronaphthalene  
Concen: 41.88 ng  
RT: 13.281 min Scan# 1716  
Delta R.T. 0.000 min  
Lab File: BP004817.D  
Acq: 19 Feb 2021 12:08

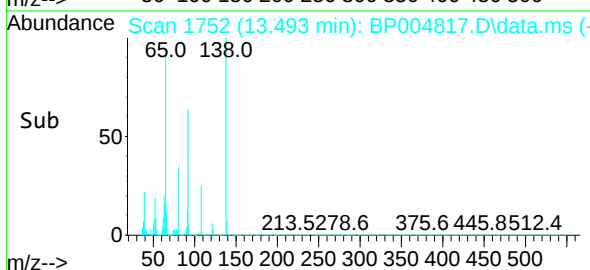
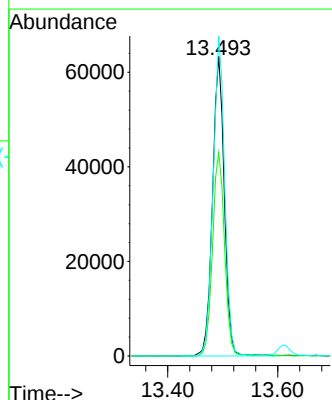
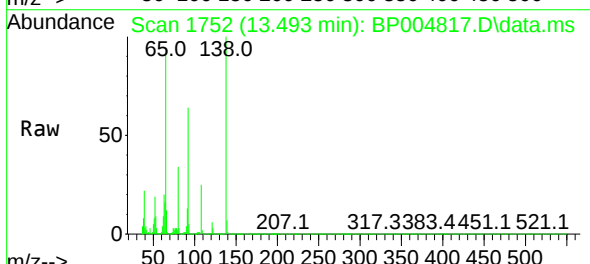
Instrument :  
BNA\_N  
ClientSampleId :

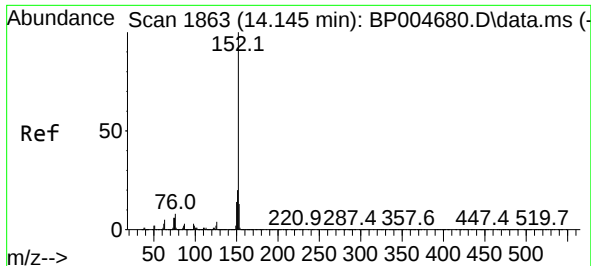
Tgt Ion:162 Resp: 311004  
Ion Ratio Lower Upper  
162 100  
127 41.5 29.9 44.9  
164 32.2 26.1 39.1



#48  
2-Nitroaniline  
Concen: 43.14 ng  
RT: 13.493 min Scan# 1752  
Delta R.T. 0.000 min  
Lab File: BP004817.D  
Acq: 19 Feb 2021 12:08

Tgt Ion: 65 Resp: 94563  
Ion Ratio Lower Upper  
65 100  
92 68.0 70.6 106.0#  
138 106.8 133.6 200.4#

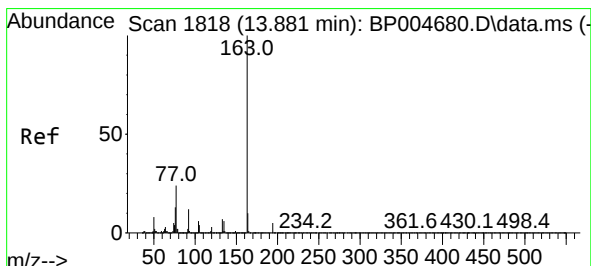
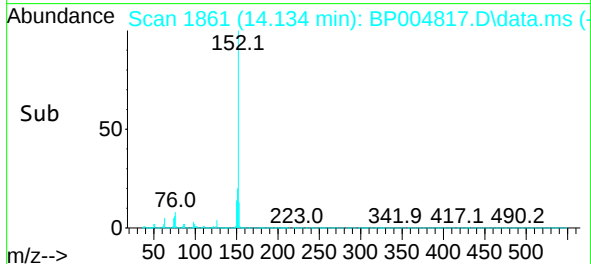
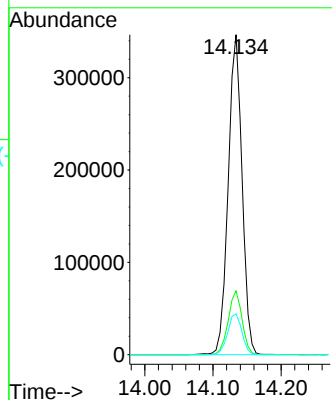
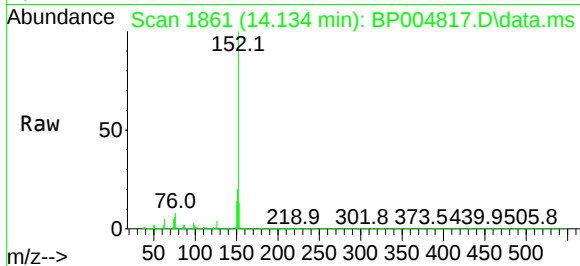




#49  
Acenaphthylene  
Concen: 44.66 ng  
RT: 14.134 min Scan# 1861  
Delta R.T. 0.000 min  
Lab File: BP004817.D  
Acq: 19 Feb 2021 12:08

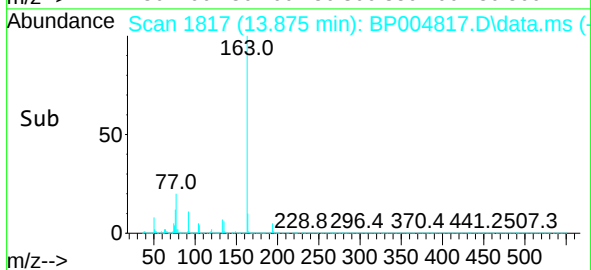
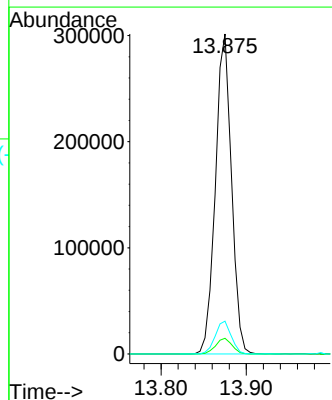
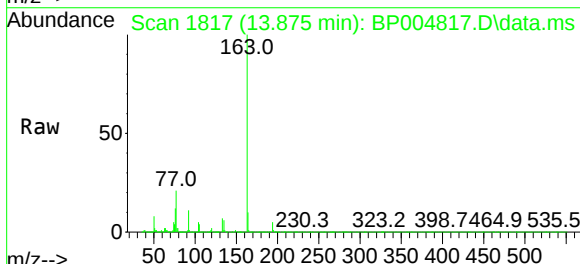
Instrument :  
BNA\_N  
ClientSampleId :

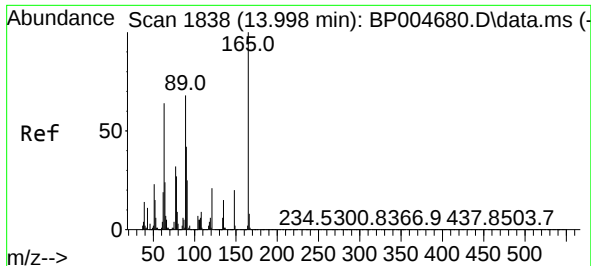
Tgt Ion:152 Resp: 489832  
Ion Ratio Lower Upper  
152 100  
151 20.0 15.9 23.9  
153 12.8 10.5 15.7



#50  
Dimethylphthalate  
Concen: 41.50 ng  
RT: 13.875 min Scan# 1817  
Delta R.T. 0.000 min  
Lab File: BP004817.D  
Acq: 19 Feb 2021 12:08

Tgt Ion:163 Resp: 395020  
Ion Ratio Lower Upper  
163 100  
194 4.9 3.3 4.9  
164 10.3 8.2 12.2

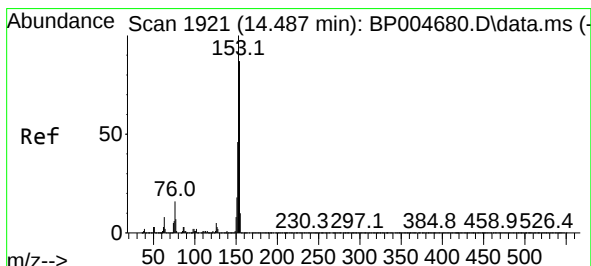
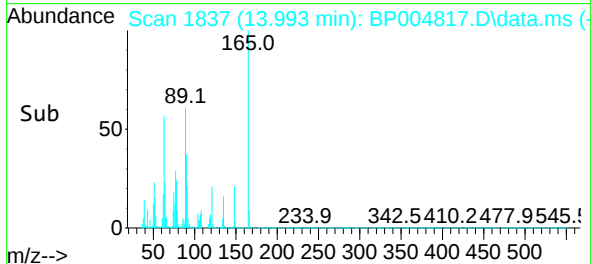
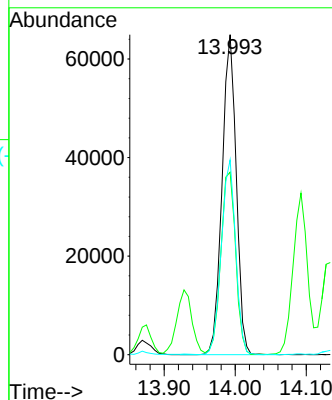
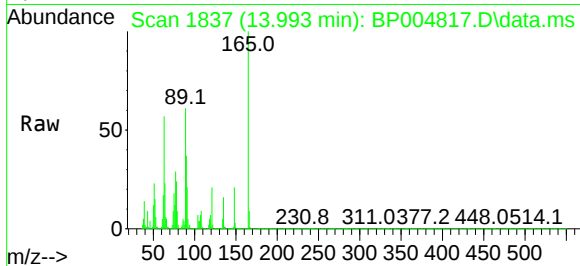




#51  
2,6-Dinitrotoluene  
Concen: 46.66 ng  
RT: 13.993 min Scan# 1837  
Delta R.T. 0.000 min  
Lab File: BP004817.D  
Acq: 19 Feb 2021 12:08

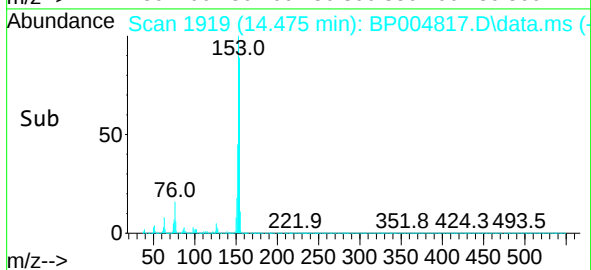
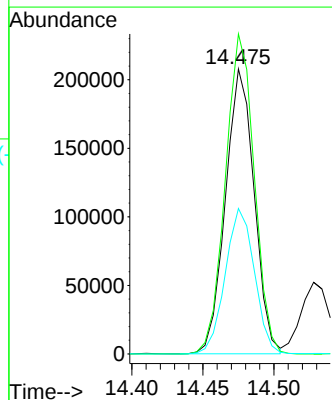
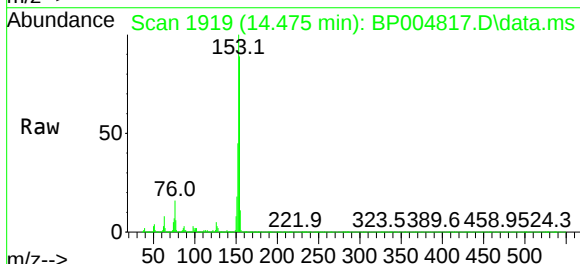
Instrument :  
BNA\_N  
ClientSampleId :

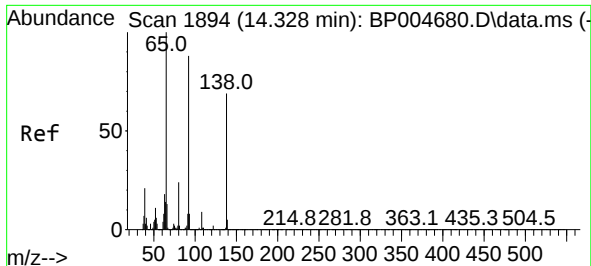
Tgt Ion:165 Resp: 89509  
Ion Ratio Lower Upper  
165 100  
63 57.0 27.8 41.6#  
89 60.9 34.6 52.0#



#52  
Acenaphthene  
Concen: 41.99 ng  
RT: 14.475 min Scan# 1919  
Delta R.T. 0.000 min  
Lab File: BP004817.D  
Acq: 19 Feb 2021 12:08

Tgt Ion:154 Resp: 292035  
Ion Ratio Lower Upper  
154 100  
153 112.3 91.0 136.6  
152 51.0 43.0 64.6

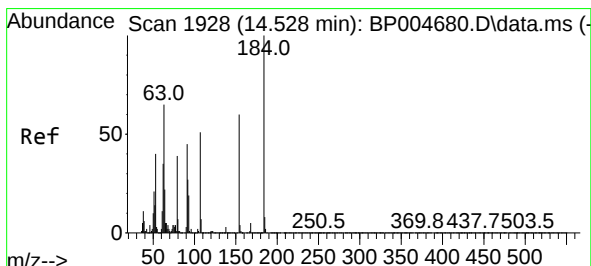
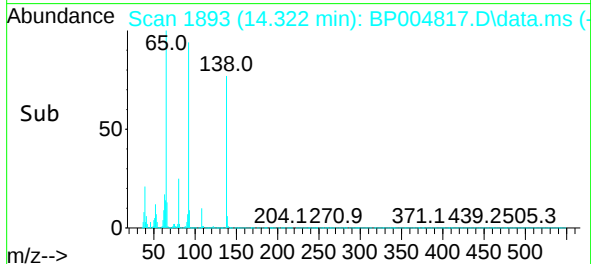
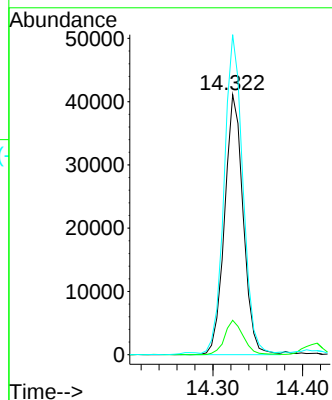
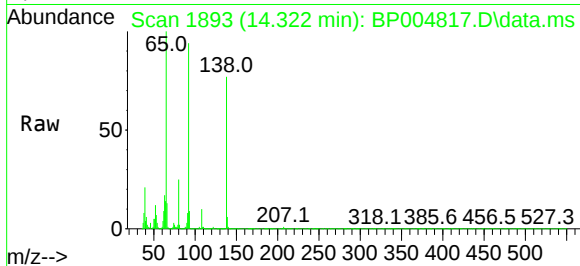




#53  
3-Nitroaniline  
Concen: 29.67 ng  
RT: 14.322 min Scan# 1893  
Delta R.T. 0.000 min  
Lab File: BP004817.D  
Acq: 19 Feb 2021 12:08

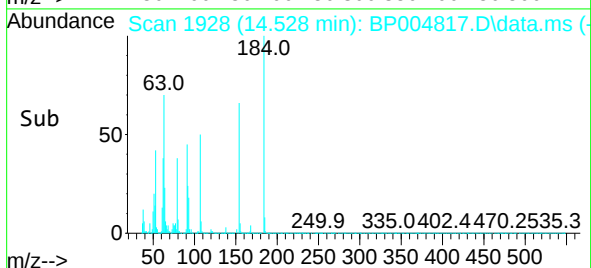
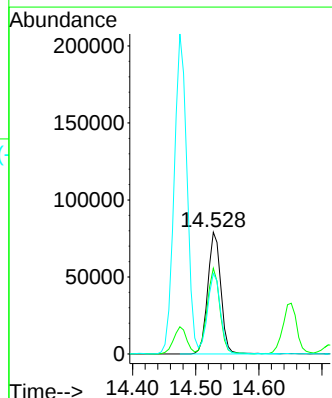
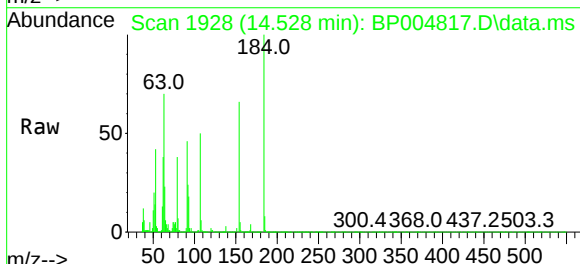
Instrument :  
BNA\_N  
ClientSampleId :

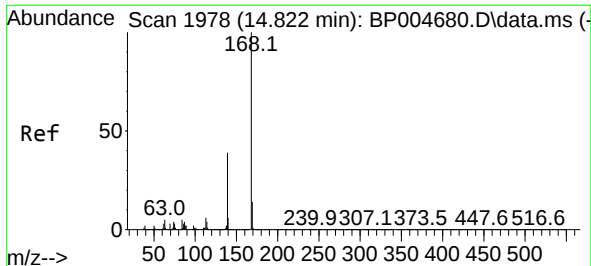
Tgt Ion:138 Resp: 59190  
Ion Ratio Lower Upper  
138 100  
108 13.3 7.5 11.3#  
92 123.1 75.0 112.6#



#54  
2,4-Dinitrophenol  
Concen: 103.24 ng  
RT: 14.528 min Scan# 1928  
Delta R.T. 0.000 min  
Lab File: BP004817.D  
Acq: 19 Feb 2021 12:08

Tgt Ion:184 Resp: 114065  
Ion Ratio Lower Upper  
184 100  
63 70.4 32.3 48.5#  
154 66.2 49.1 73.7

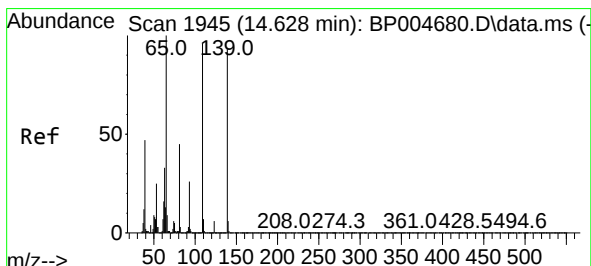
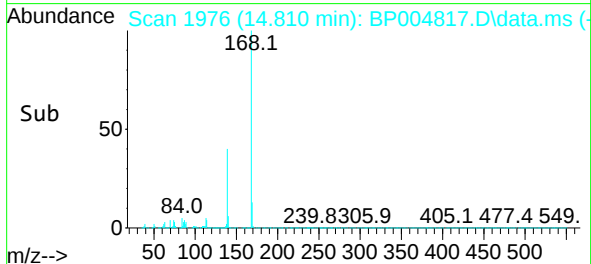
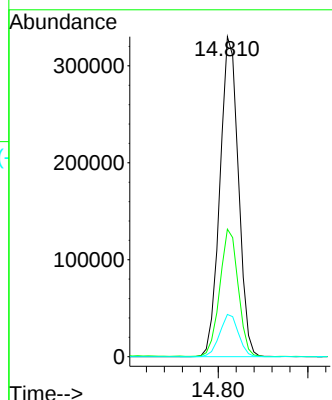
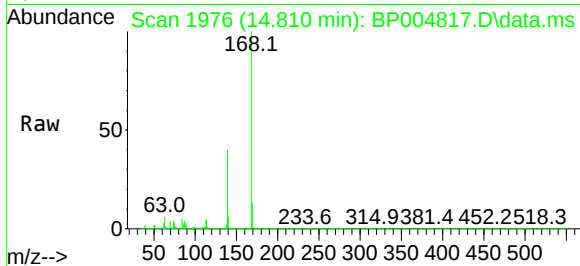




#55  
Dibenzenofuran  
Concen: 43.15 ng  
RT: 14.810 min Scan# 1976  
Delta R.T. 0.000 min  
Lab File: BP004817.D  
Acq: 19 Feb 2021 12:08

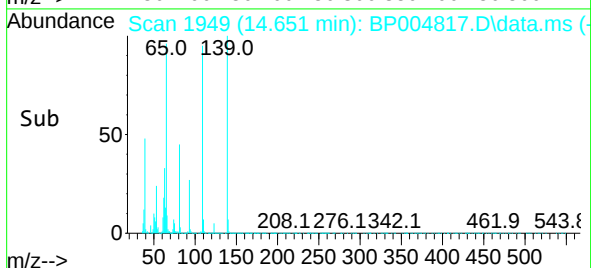
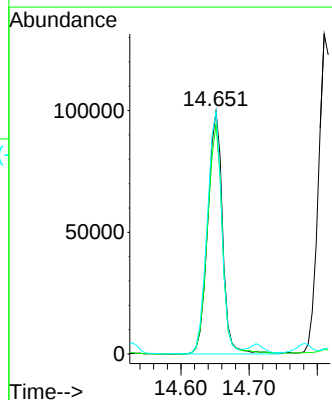
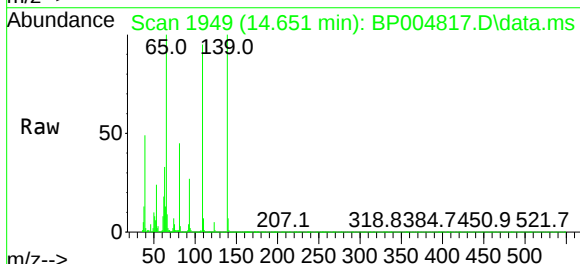
Instrument :  
BNA\_N  
ClientSampleId :

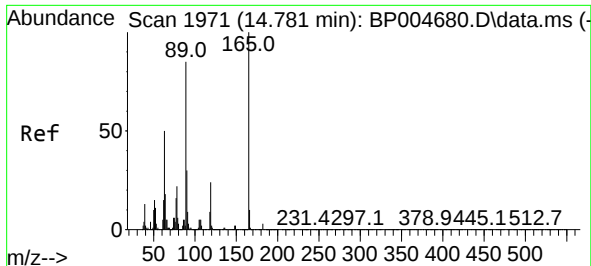
Tgt Ion:168 Resp: 471850  
Ion Ratio Lower Upper  
168 100  
139 39.8 29.1 43.7  
169 13.2 10.4 15.6



#56  
4-Nitrophenol  
Concen: 96.03 ng  
RT: 14.651 min Scan# 1949  
Delta R.T. 0.006 min  
Lab File: BP004817.D  
Acq: 19 Feb 2021 12:08

Tgt Ion:139 Resp: 150302  
Ion Ratio Lower Upper  
139 100  
109 94.5 44.6 84.6#  
65 99.9 41.6 81.6#

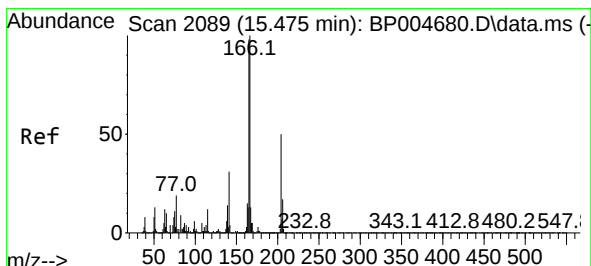
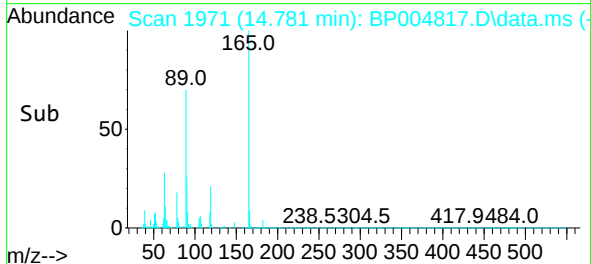
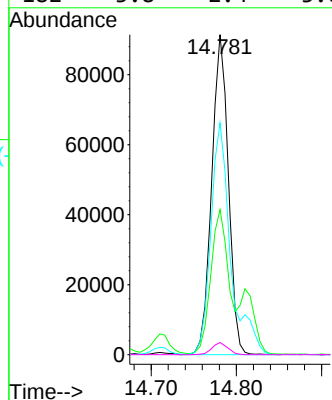
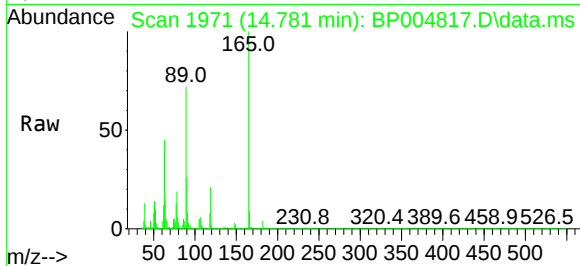




#57  
2,4-Dinitrotoluene  
Concen: 47.17 ng  
RT: 14.781 min Scan# 1971  
Delta R.T. 0.000 min  
Lab File: BP004817.D  
Acq: 19 Feb 2021 12:08

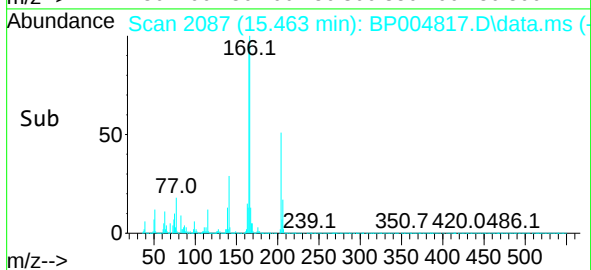
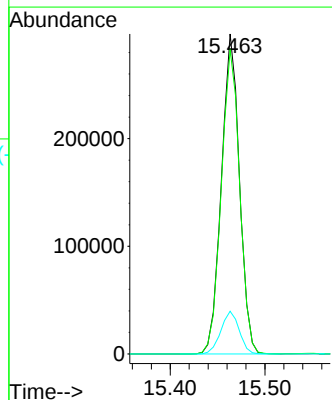
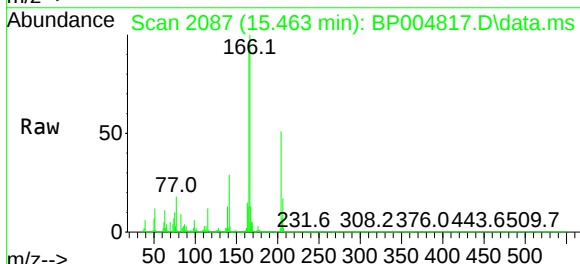
Instrument :  
BNA\_N  
ClientSampleId :

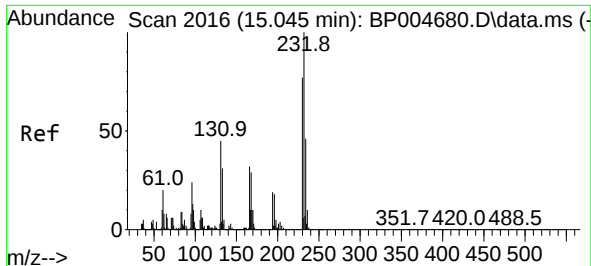
Tgt Ion:165 Resp: 123959  
Ion Ratio Lower Upper  
165 100  
63 45.3 20.6 31.0#  
89 72.4 42.6 63.8#  
182 3.8 2.4 3.6#



#58  
Fluorene  
Concen: 43.71 ng  
RT: 15.463 min Scan# 2087  
Delta R.T. 0.000 min  
Lab File: BP004817.D  
Acq: 19 Feb 2021 12:08

Tgt Ion:166 Resp: 392720  
Ion Ratio Lower Upper  
166 100  
165 95.1 77.8 116.8  
167 13.4 11.0 16.4

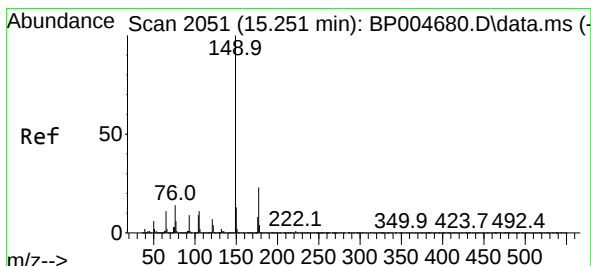
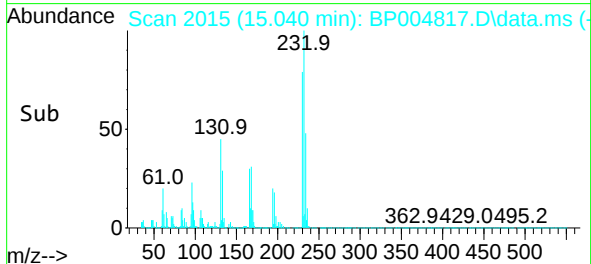
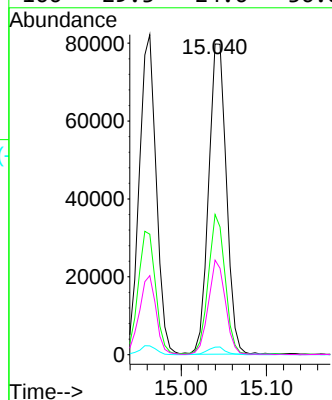
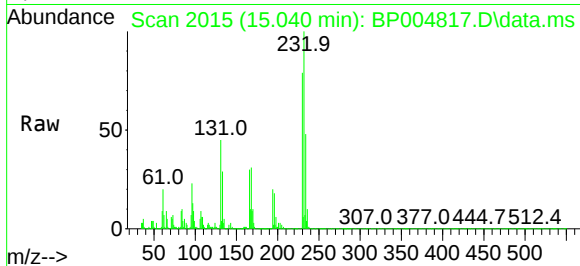




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 46.99 ng  
RT: 15.040 min Scan# 2015  
Delta R.T. 0.000 min  
Lab File: BP004817.D  
Acq: 19 Feb 2021 12:08

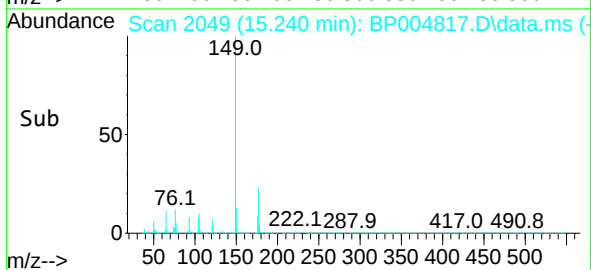
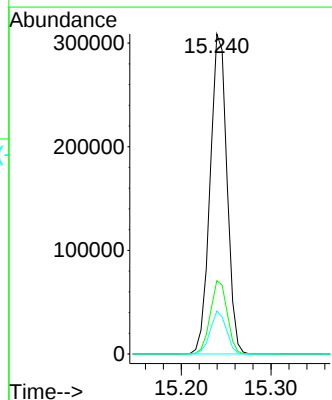
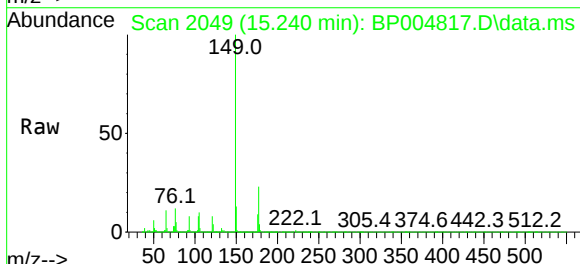
Instrument :  
BNA\_N  
ClientSampleId :

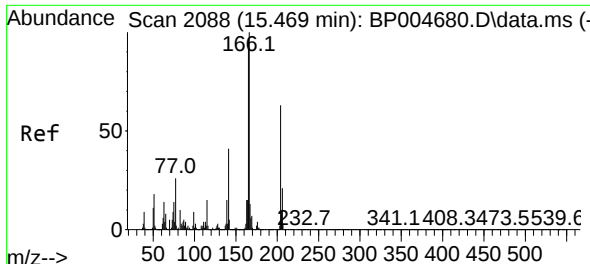
Tgt Ion:232 Resp: 115080  
Ion Ratio Lower Upper  
232 100  
131 42.7 34.1 51.1  
130 2.5 1.8 2.8  
166 29.3 24.6 36.8



#60  
Diethylphthalate  
Concen: 42.10 ng  
RT: 15.240 min Scan# 2049  
Delta R.T. 0.000 min  
Lab File: BP004817.D  
Acq: 19 Feb 2021 12:08

Tgt Ion:149 Resp: 401678  
Ion Ratio Lower Upper  
149 100  
177 22.9 18.0 27.0  
150 13.4 10.0 15.0

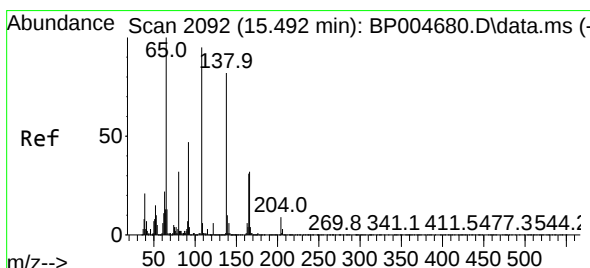
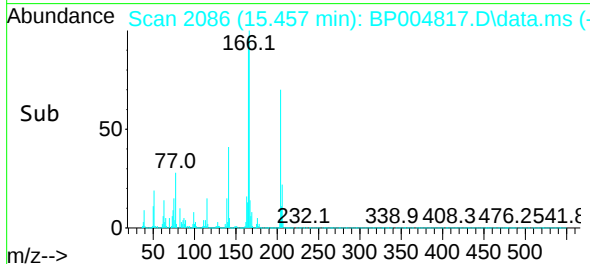
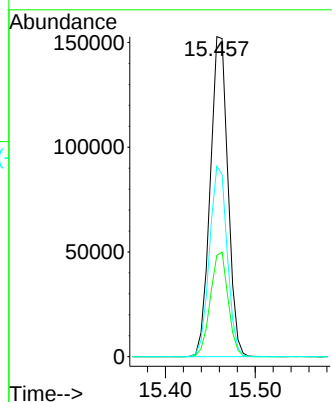
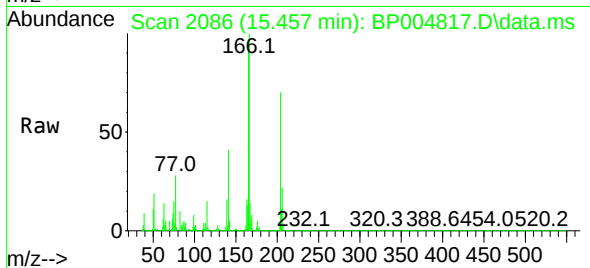




#61  
4-Chlorophenyl-phenylether  
Concen: 41.89 ng  
RT: 15.457 min Scan# 2086  
Delta R.T. 0.000 min  
Lab File: BP004817.D  
Acq: 19 Feb 2021 12:08

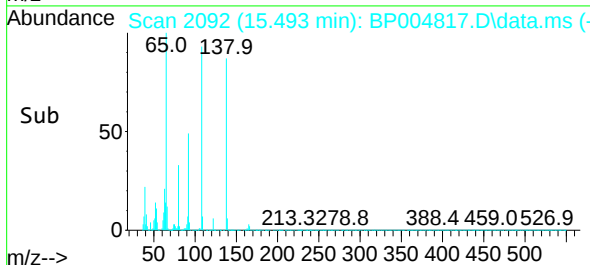
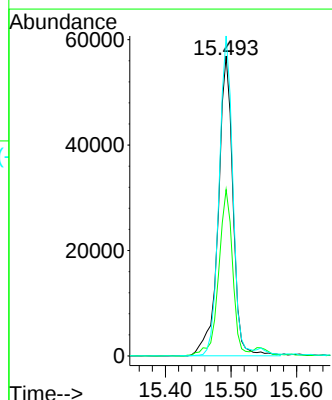
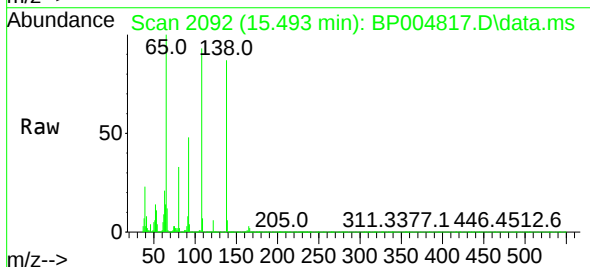
Instrument :  
BNA\_N  
ClientSampleId :

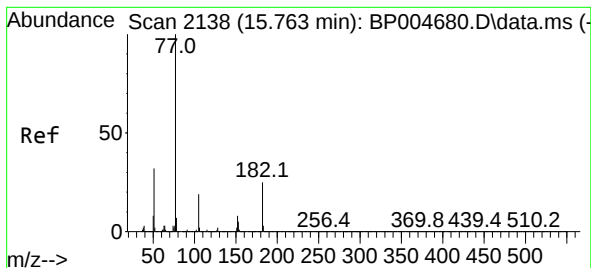
Tgt Ion:204 Resp: 208971  
Ion Ratio Lower Upper  
204 100  
206 31.7 25.9 38.9  
141 59.5 46.5 69.7



#62  
4-Nitroaniline  
Concen: 40.49 ng  
RT: 15.493 min Scan# 2092  
Delta R.T. 0.000 min  
Lab File: BP004817.D  
Acq: 19 Feb 2021 12:08

Tgt Ion:138 Resp: 88236  
Ion Ratio Lower Upper  
138 100  
92 55.5 20.7 60.7  
108 106.7 47.8 87.8#

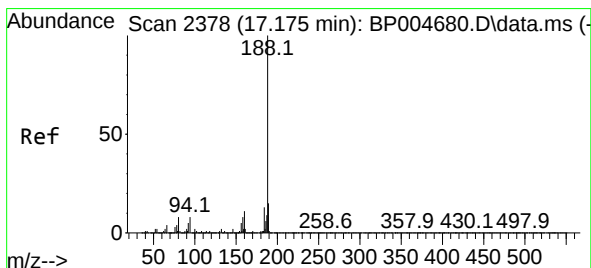
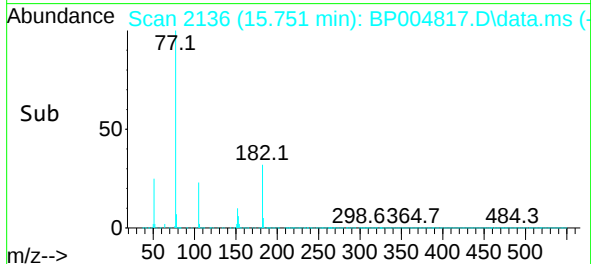
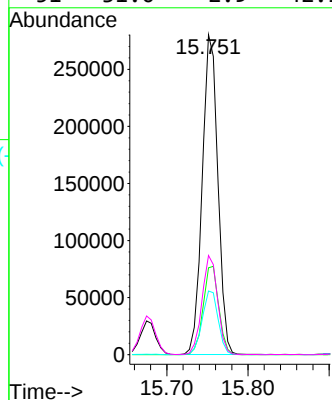
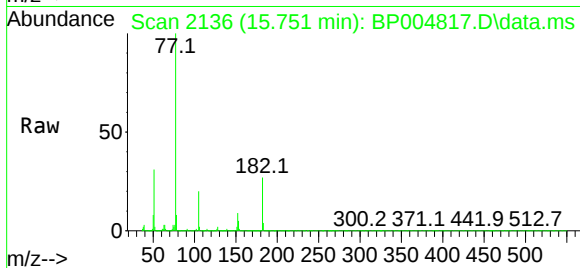




#63  
Azobenzene  
Concen: 41.71 ng  
RT: 15.751 min Scan# 2136  
Delta R.T. 0.000 min  
Lab File: BP004817.D  
Acq: 19 Feb 2021 12:08

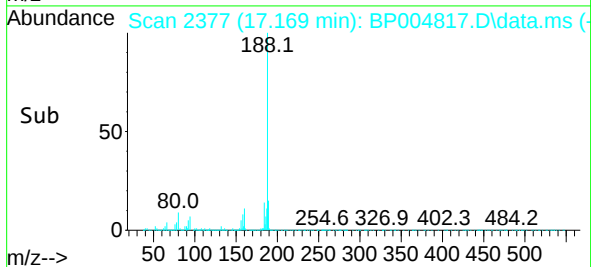
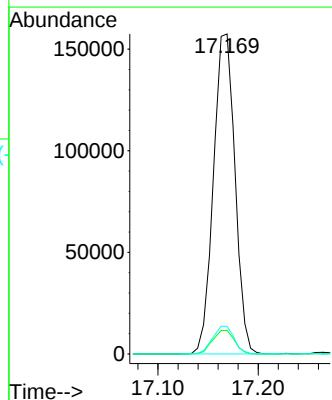
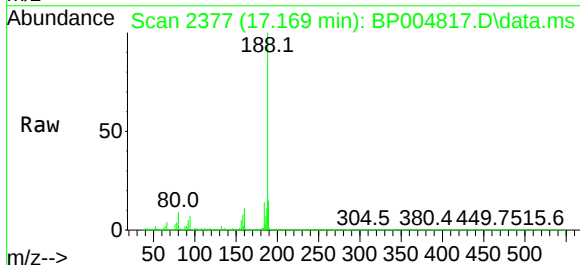
Instrument :  
BNA\_N  
ClientSampleId :

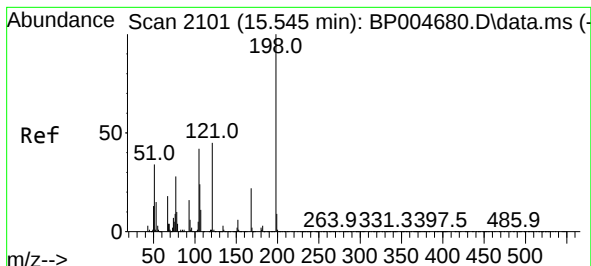
Tgt Ion: 77 Resp: 373768  
Ion Ratio Lower Upper  
77 100  
182 27.2 16.9 56.9  
105 19.9 5.6 45.6  
51 31.0 2.9 42.9



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.169 min Scan# 2377  
Delta R.T. 0.006 min  
Lab File: BP004817.D  
Acq: 19 Feb 2021 12:08

Tgt Ion:188 Resp: 235372  
Ion Ratio Lower Upper  
188 100  
94 7.4 6.2 9.2  
80 8.6 6.2 9.2

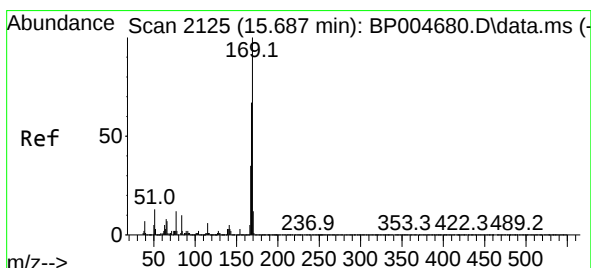
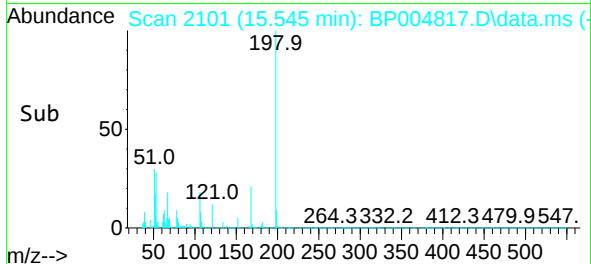
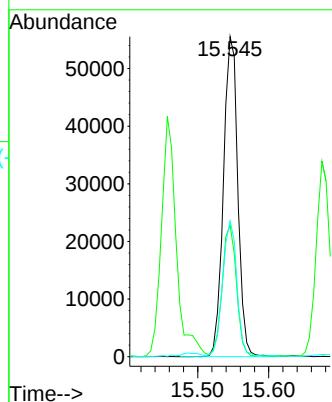
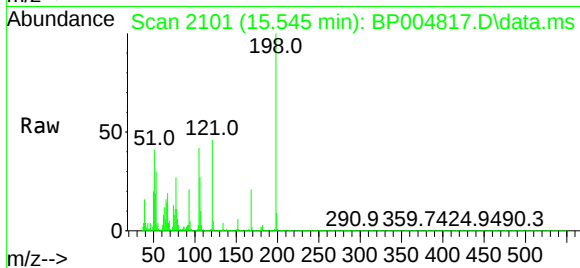




#65  
4,6-Dinitro-2-methylphenol  
Concen: 54.03 ng  
RT: 15.545 min Scan# 2101  
Delta R.T. 0.000 min  
Lab File: BP004817.D  
Acq: 19 Feb 2021 12:08

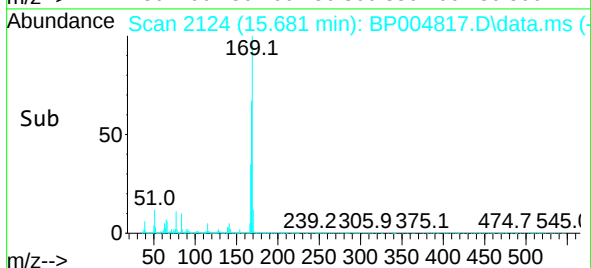
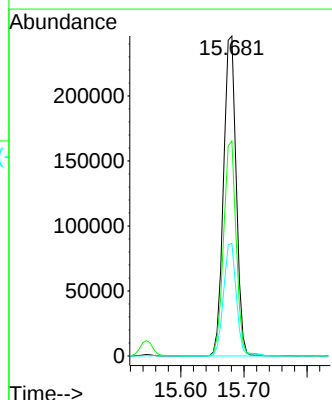
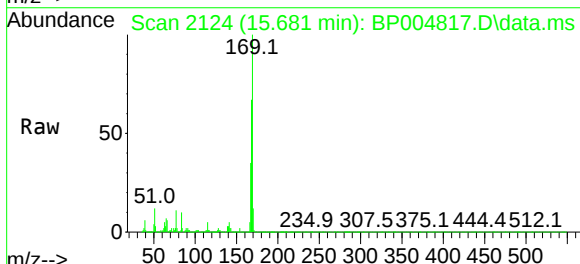
Instrument :  
BNA\_N  
ClientSampleId :

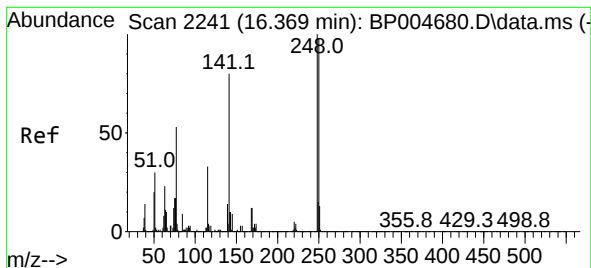
Tgt Ion:198 Resp: 77696  
Ion Ratio Lower Upper  
198 100  
51 41.1 6.4 46.4  
105 42.4 18.9 58.9



#66  
n-Nitrosodiphenylamine  
Concen: 44.71 ng  
RT: 15.681 min Scan# 2124  
Delta R.T. 0.006 min  
Lab File: BP004817.D  
Acq: 19 Feb 2021 12:08

Tgt Ion:169 Resp: 342195  
Ion Ratio Lower Upper  
169 100  
168 67.2 53.8 80.6  
167 35.2 28.9 43.3

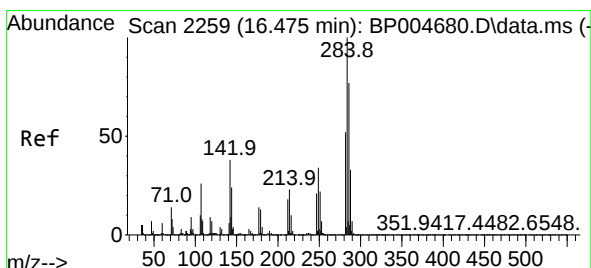
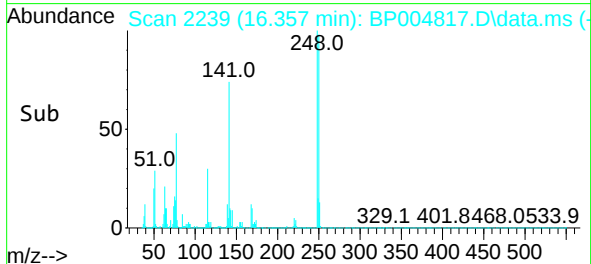
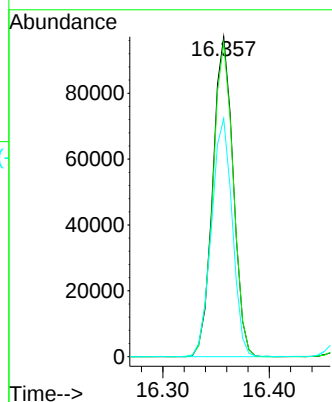
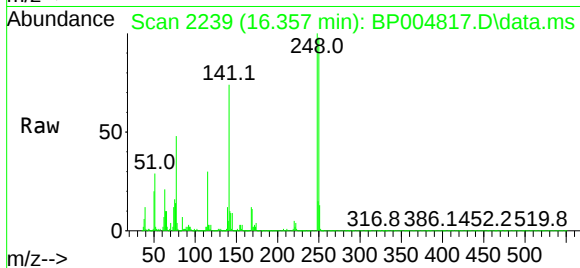




#67  
4-Bromophenyl-phenylether  
Concen: 42.46 ng  
RT: 16.357 min Scan# 2239  
Delta R.T. 0.000 min  
Lab File: BP004817.D  
Acq: 19 Feb 2021 12:08

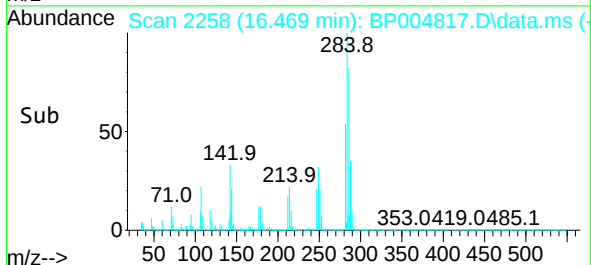
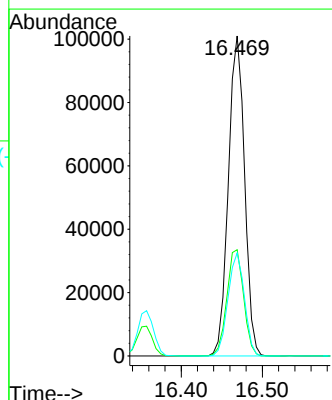
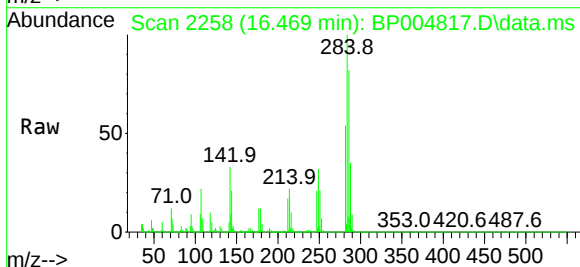
Instrument :  
BNA\_N  
ClientSampleId :

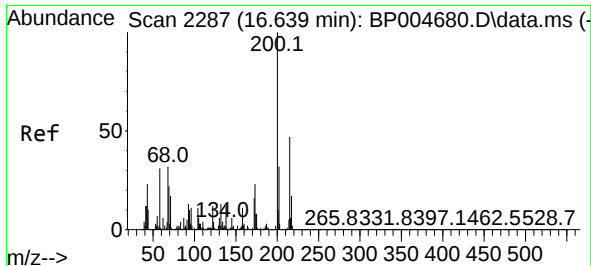
Tgt Ion:248 Resp: 128678  
Ion Ratio Lower Upper  
248 100  
250 98.1 76.7 115.1  
141 74.4 53.0 79.6



#68  
Hexachlorobenzene  
Concen: 42.43 ng  
RT: 16.469 min Scan# 2258  
Delta R.T. 0.000 min  
Lab File: BP004817.D  
Acq: 19 Feb 2021 12:08

Tgt Ion:284 Resp: 140090  
Ion Ratio Lower Upper  
284 100  
142 33.2 24.2 36.4  
249 32.2 23.8 35.8

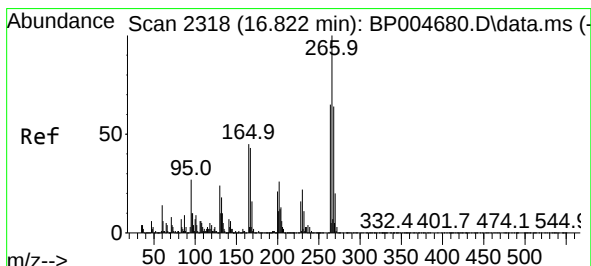
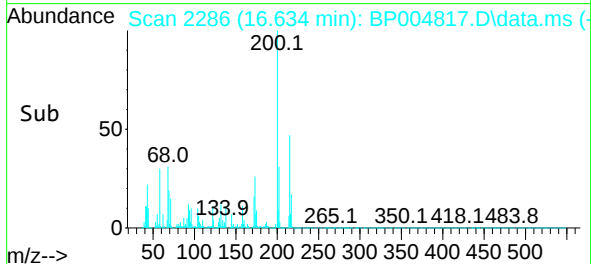
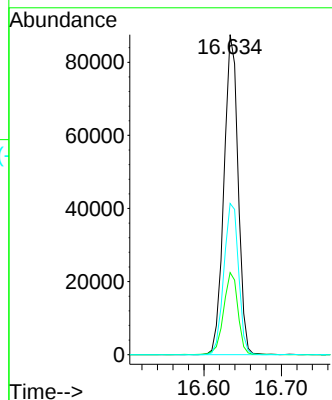
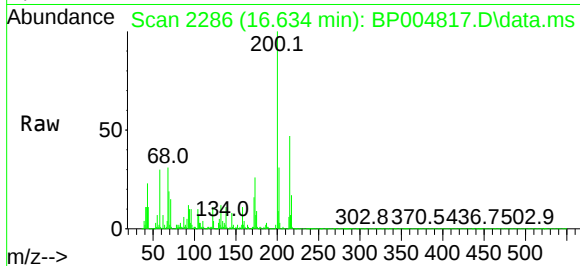




#69  
Atrazine  
Concen: 44.23 ng  
RT: 16.634 min Scan# 2286  
Delta R.T. 0.000 min  
Lab File: BP004817.D  
Acq: 19 Feb 2021 12:08

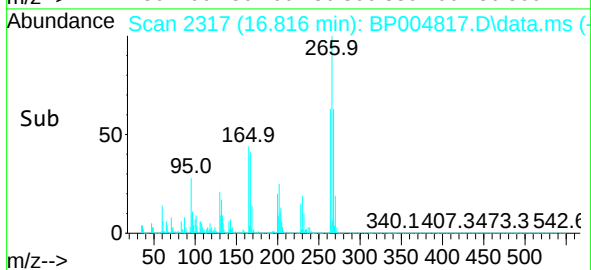
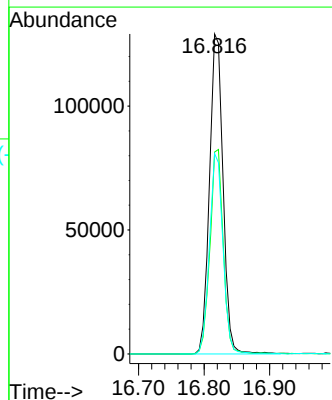
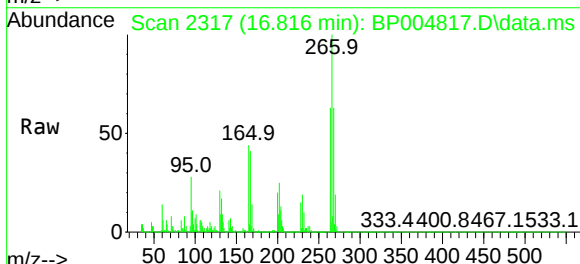
Instrument :  
BNA\_N  
ClientSampleId :

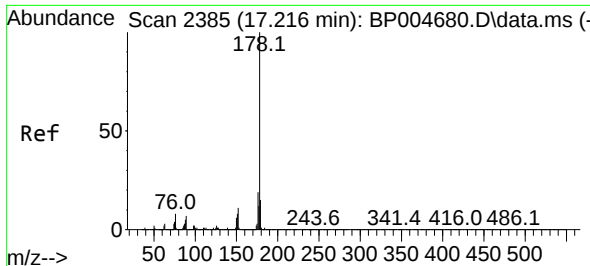
Tgt Ion:200 Resp: 111056  
Ion Ratio Lower Upper  
200 100  
173 25.6 5.9 45.9  
215 47.2 28.4 68.4



#70  
Pentachlorophenol  
Concen: 100.74 ng  
RT: 16.816 min Scan# 2317  
Delta R.T. 0.000 min  
Lab File: BP004817.D  
Acq: 19 Feb 2021 12:08

Tgt Ion:266 Resp: 186138  
Ion Ratio Lower Upper  
266 100  
268 63.1 51.1 76.7  
264 62.6 50.6 76.0

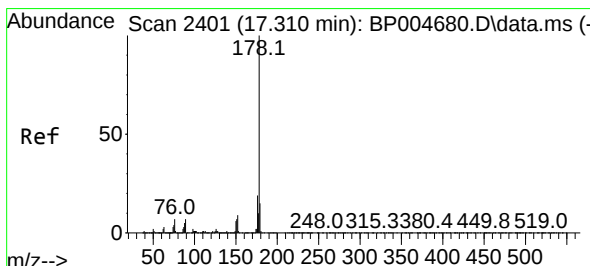
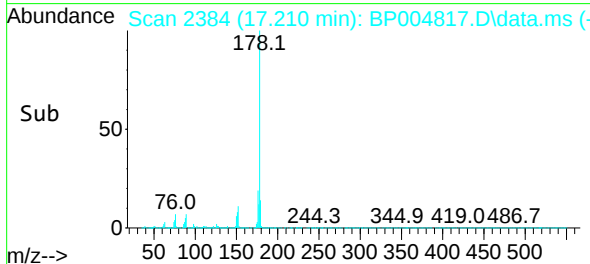
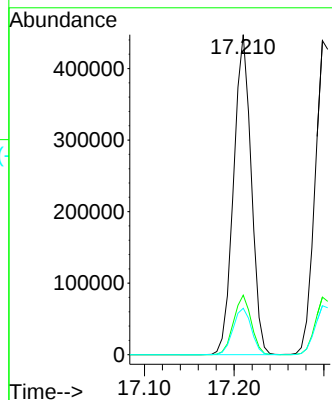
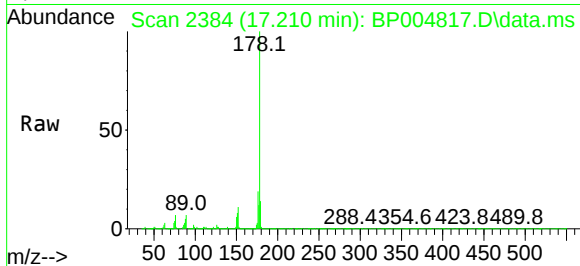




#71  
Phenanthrene  
Concen: 42.29 ng  
RT: 17.210 min Scan# 2384  
Delta R.T. 0.000 min  
Lab File: BP004817.D  
Acq: 19 Feb 2021 12:08

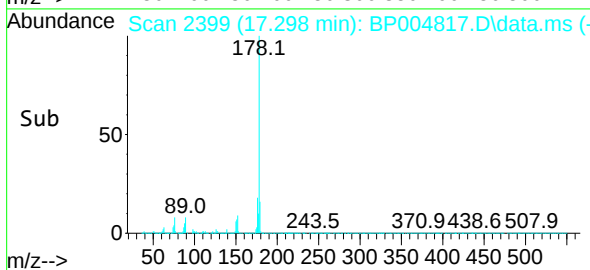
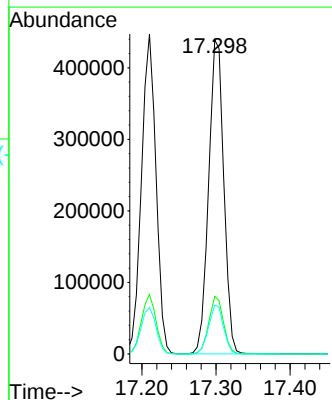
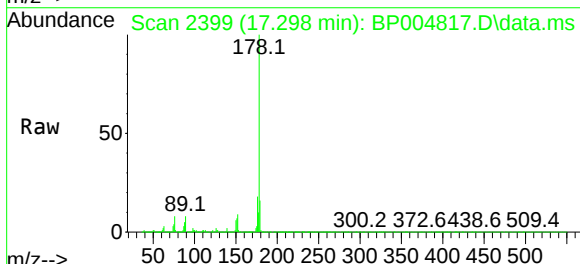
Instrument :  
BNA\_N  
ClientSampleId :

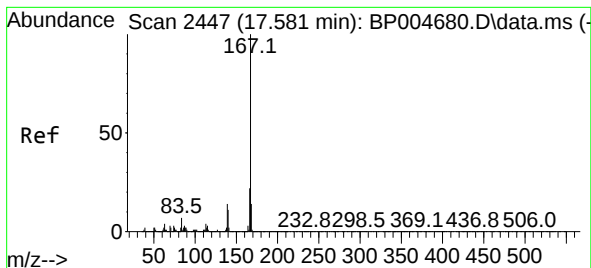
Tgt Ion:178 Resp: 609492  
Ion Ratio Lower Upper  
178 100  
176 18.6 15.3 22.9  
179 14.5 12.5 18.7



#72  
Anthracene  
Concen: 44.99 ng  
RT: 17.298 min Scan# 2399  
Delta R.T. 0.000 min  
Lab File: BP004817.D  
Acq: 19 Feb 2021 12:08

Tgt Ion:178 Resp: 623499  
Ion Ratio Lower Upper  
178 100  
176 18.3 15.0 22.4  
179 15.6 12.5 18.7

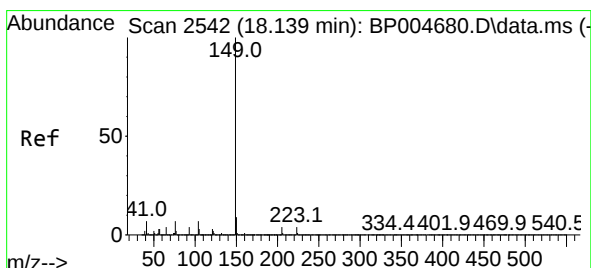
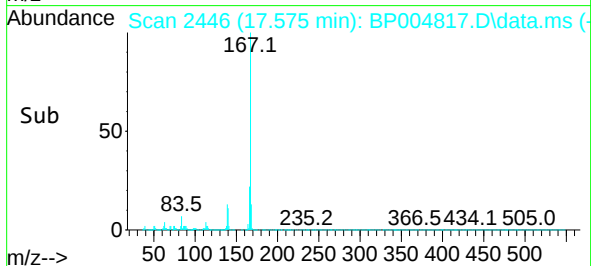
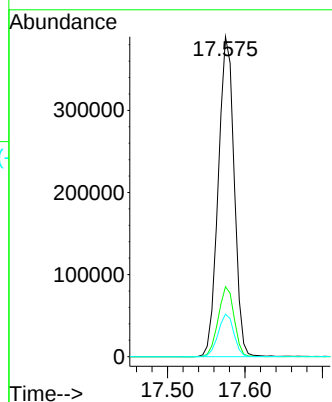
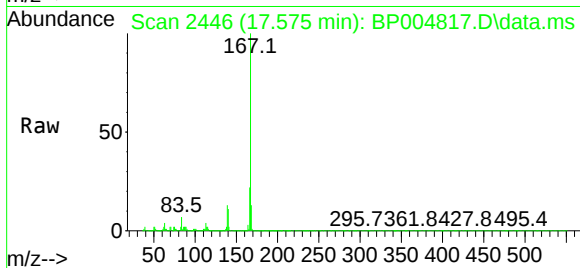




#73  
 Carbazole  
 Concen: 43.73 ng  
 RT: 17.575 min Scan# 2446  
 Delta R.T. 0.000 min  
 Lab File: BP004817.D  
 Acq: 19 Feb 2021 12:08

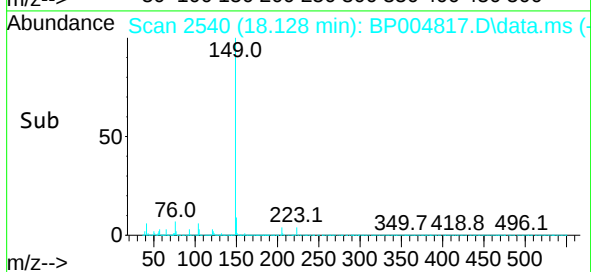
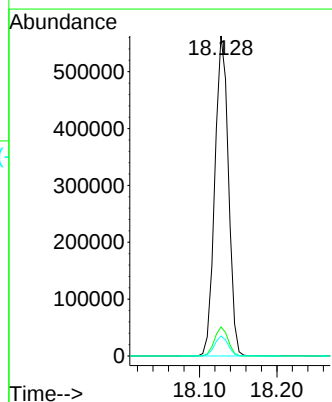
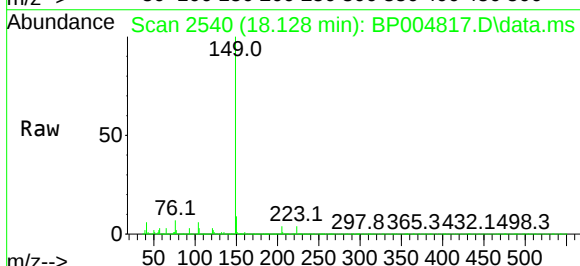
Instrument :  
 BNA\_N  
 ClientSampleId :

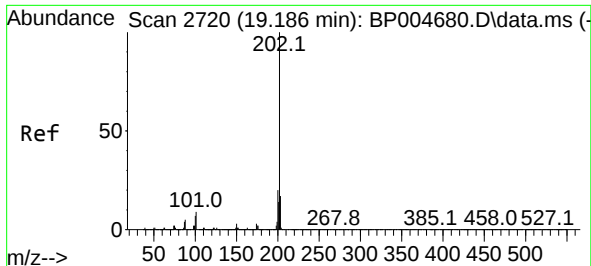
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 167   | Resp: | 555981 |
| Ion Ratio | Lower | Upper |        |
| 167       | 100   |       |        |
| 166       | 21.9  | 17.6  | 26.4   |
| 139       | 13.3  | 10.2  | 15.4   |



#74  
 Di-n-butylphthalate  
 Concen: 43.97 ng  
 RT: 18.128 min Scan# 2540  
 Delta R.T. 0.000 min  
 Lab File: BP004817.D  
 Acq: 19 Feb 2021 12:08

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 685963 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 9.1   | 7.3   | 10.9   |
| 104       | 6.3   | 3.4   | 5.0#   |

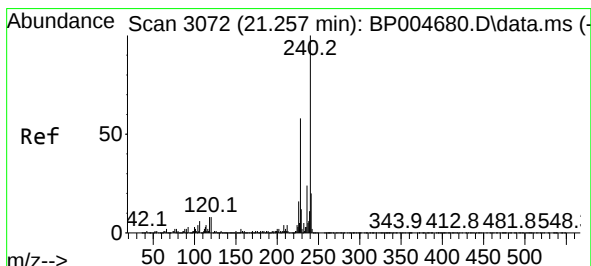
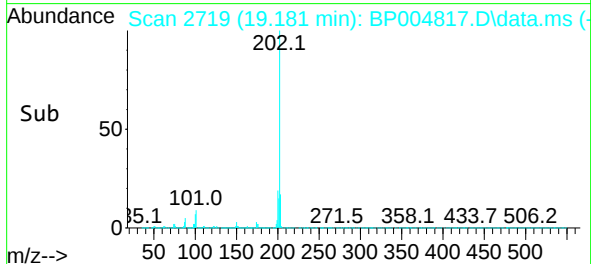
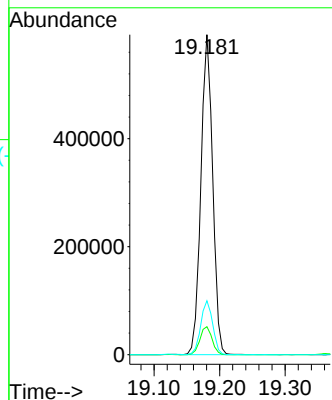
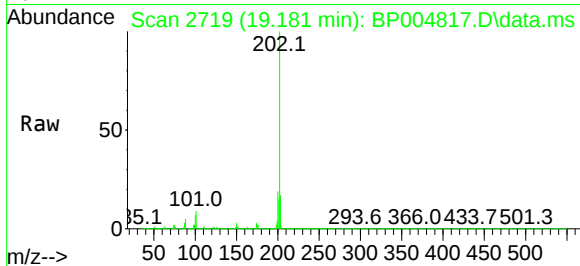




#75  
Fluoranthene  
Concen: 43.12 ng  
RT: 19.181 min Scan# 2719  
Delta R.T. 0.000 min  
Lab File: BP004817.D  
Acq: 19 Feb 2021 12:08

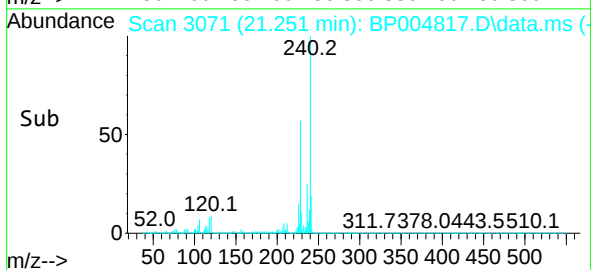
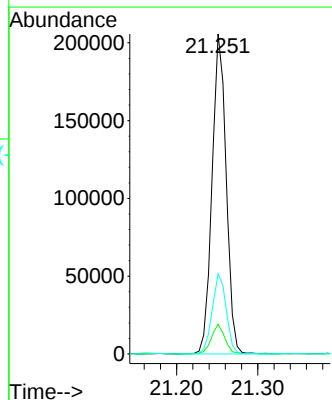
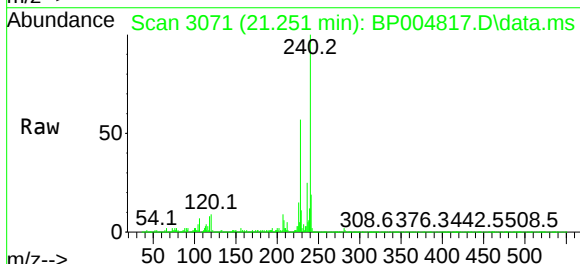
Instrument :  
BNA\_N  
ClientSampled :

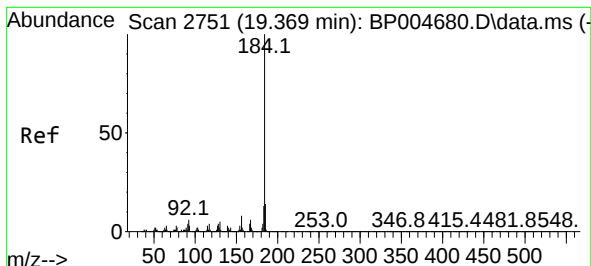
Tgt Ion:202 Resp: 740385  
Ion Ratio Lower Upper  
202 100  
101 8.7 0.0 29.4  
203 16.9 0.0 37.8



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.251 min Scan# 3071  
Delta R.T. 0.000 min  
Lab File: BP004817.D  
Acq: 19 Feb 2021 12:08

Tgt Ion:240 Resp: 247742  
Ion Ratio Lower Upper  
240 100  
120 9.3 7.8 11.6  
236 25.0 20.8 31.2





#77

Benzidine

Concen: 53.77 ng

RT: 19.363 min Scan# 2750

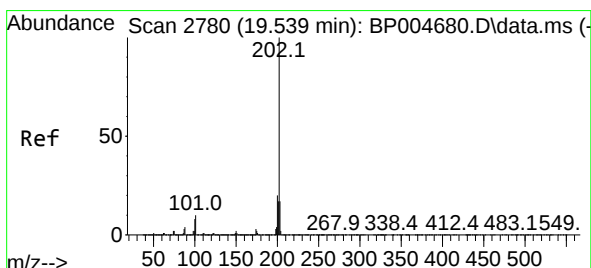
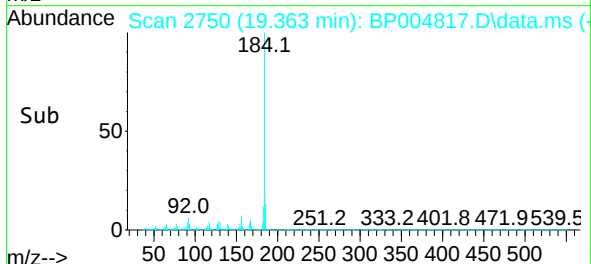
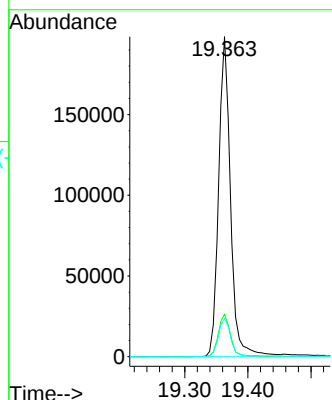
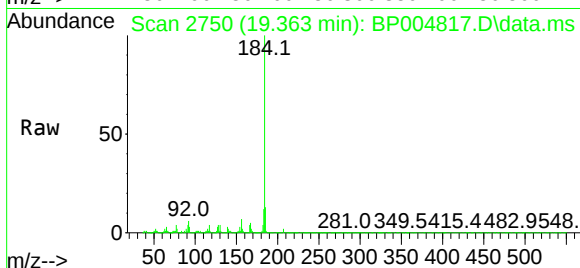
Delta R.T. 0.000 min

Lab File: BP004817.D

Acq: 19 Feb 2021 12:08

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:184 | Resp: | 259165    |
| Ion Ratio   | Lower | Upper     |
| 184         | 100   |           |
| 185         | 13.2  | 11.5 17.3 |
| 183         | 11.9  | 9.6 14.4  |

Instrument :  
BNA\_N  
ClientSampleId :



#78

Pyrene

Concen: 42.79 ng

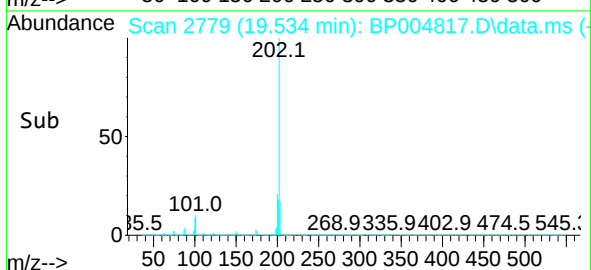
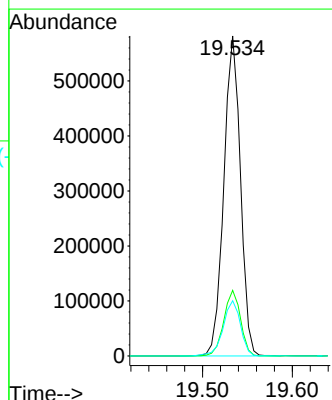
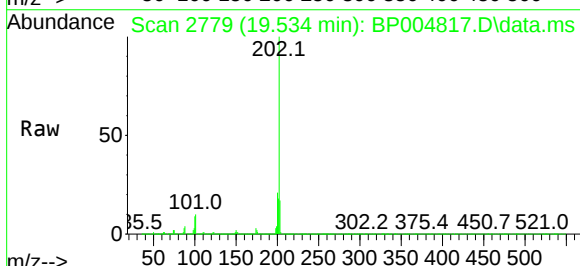
RT: 19.534 min Scan# 2779

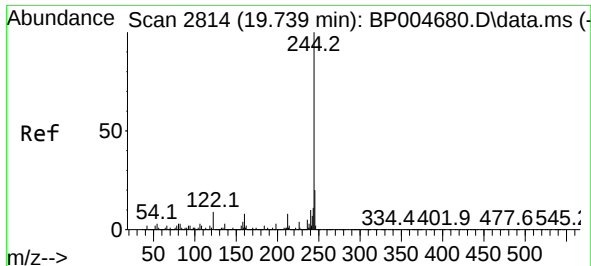
Delta R.T. 0.000 min

Lab File: BP004817.D

Acq: 19 Feb 2021 12:08

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:202 | Resp: | 747526    |
| Ion Ratio   | Lower | Upper     |
| 202         | 100   |           |
| 200         | 20.5  | 17.1 25.7 |
| 203         | 17.2  | 14.2 21.2 |

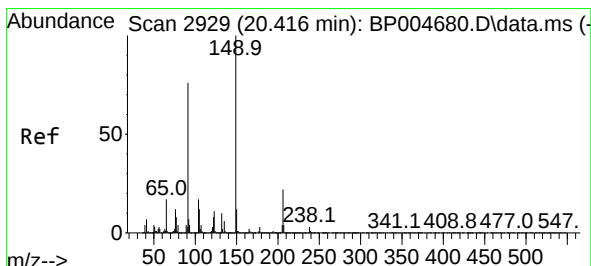
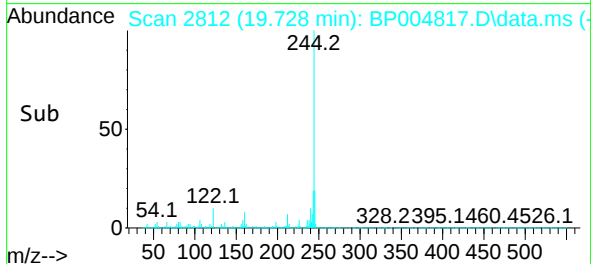
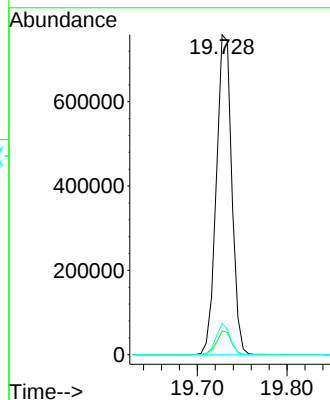
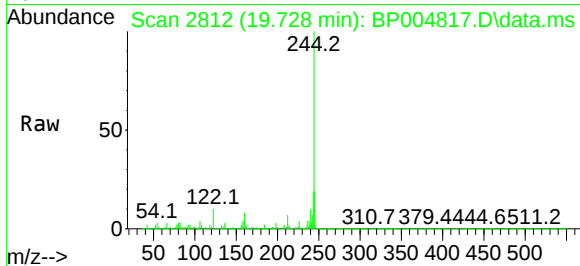




#79  
 Terphenyl-d14  
 Concen: 61.35 ng  
 RT: 19.728 min Scan# 2812  
 Delta R.T. -0.005 min  
 Lab File: BP004817.D  
 Acq: 19 Feb 2021 12:08

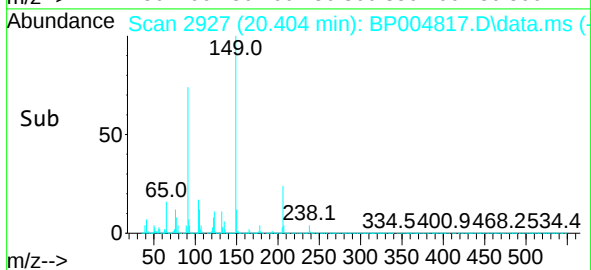
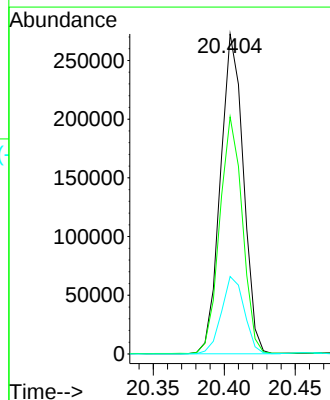
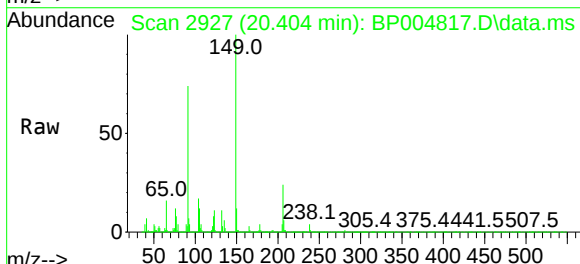
Instrument :  
 BNA\_N  
 ClientSampleId :

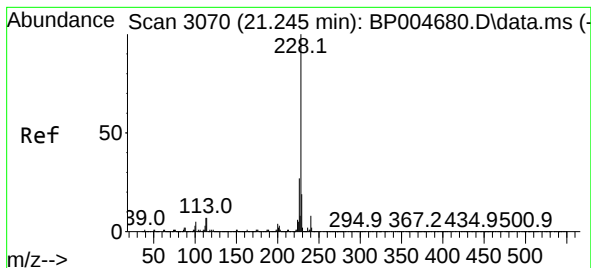
|             |       |          |
|-------------|-------|----------|
| Tgt Ion:244 | Resp: | 904900   |
| Ion Ratio   | Lower | Upper    |
| 244         | 100   |          |
| 212         | 7.4   | 5.8 8.6  |
| 122         | 9.8   | 7.8 11.8 |



#80  
 Butylbenzylphthalate  
 Concen: 44.62 ng  
 RT: 20.404 min Scan# 2927  
 Delta R.T. 0.000 min  
 Lab File: BP004817.D  
 Acq: 19 Feb 2021 12:08

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:149 | Resp: | 306336     |
| Ion Ratio   | Lower | Upper      |
| 149         | 100   |            |
| 91          | 74.1  | 45.4 68.0# |
| 206         | 24.2  | 17.1 25.7  |

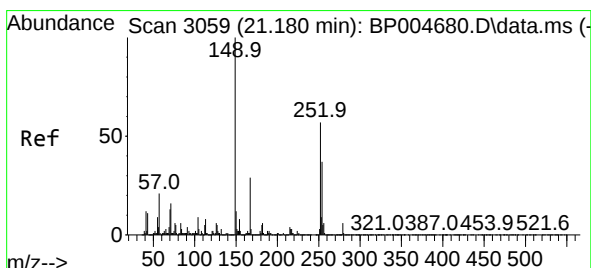
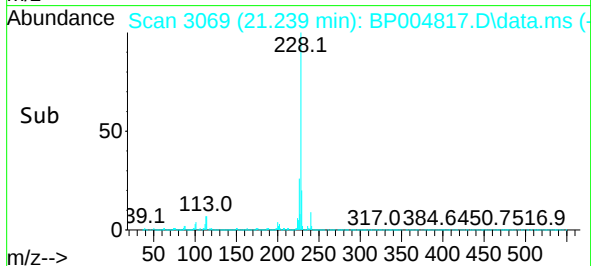
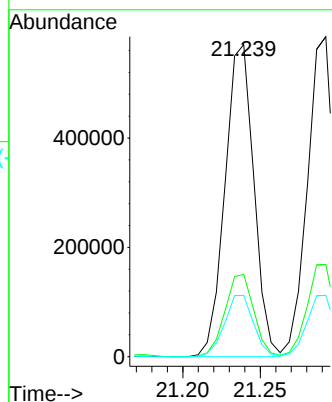
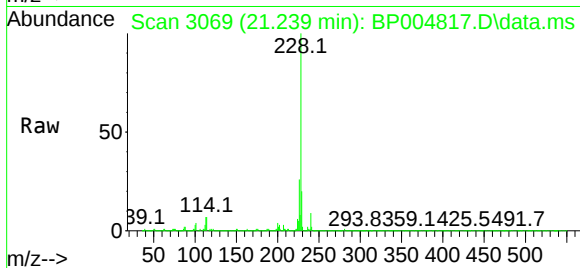




#81  
Benzo(a)anthracene  
Concen: 42.11 ng  
RT: 21.239 min Scan# 3069  
Delta R.T. 0.000 min  
Lab File: BP004817.D  
Acq: 19 Feb 2021 12:08

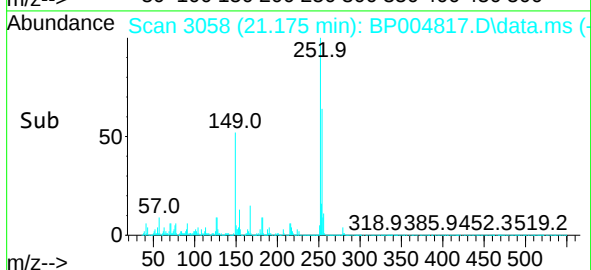
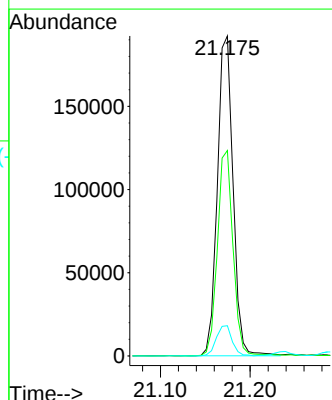
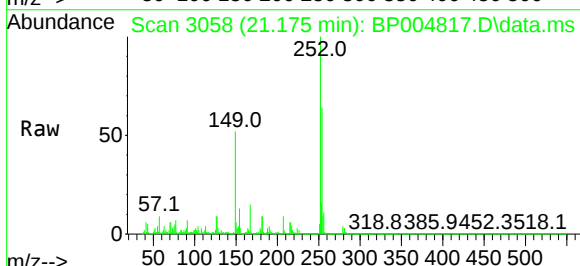
Instrument :  
BNA\_N  
ClientSampleId :

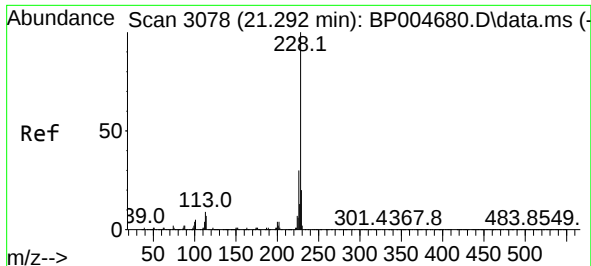
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 739925 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 26.4  | 22.1  | 33.1   |
| 229       | 19.6  | 15.9  | 23.9   |



#82  
3,3'-Dichlorobenzidine  
Concen: 41.83 ng  
RT: 21.175 min Scan# 3058  
Delta R.T. 0.000 min  
Lab File: BP004817.D  
Acq: 19 Feb 2021 12:08

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 232973 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 254       | 64.2  | 51.0  | 76.4   |
| 126       | 9.5   | 7.9   | 11.9   |

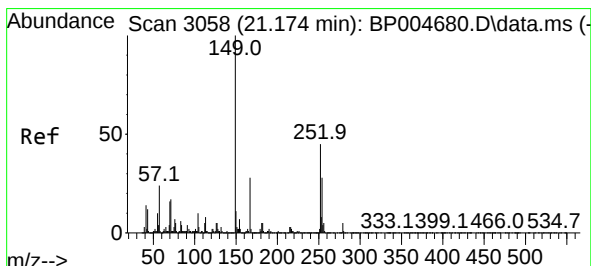
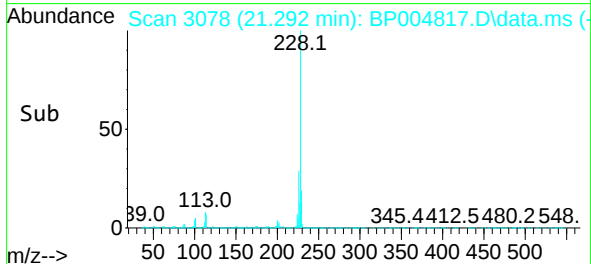
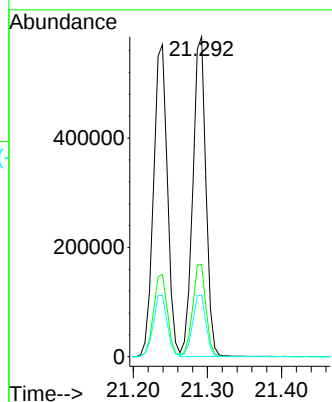
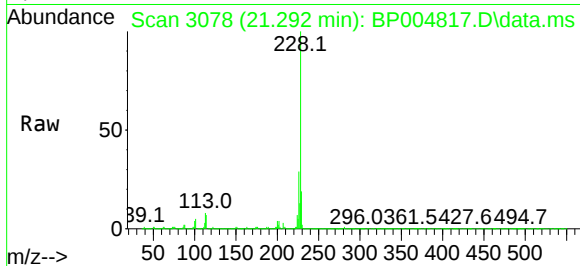




#83  
Chrysene  
Concen: 42.09 ng  
RT: 21.292 min Scan# 3078  
Delta R.T. 0.006 min  
Lab File: BP004817.D  
Acq: 19 Feb 2021 12:08

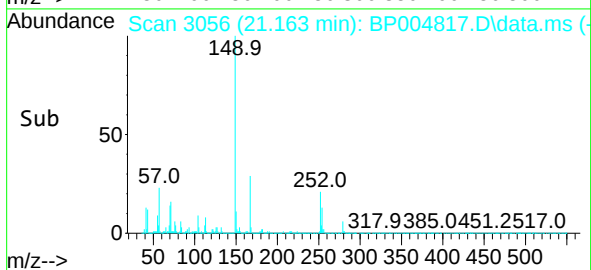
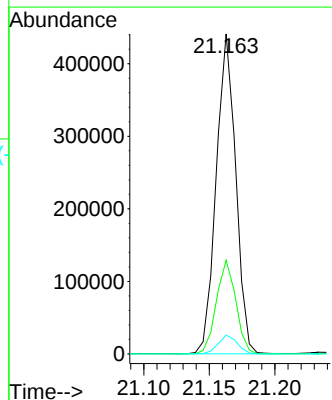
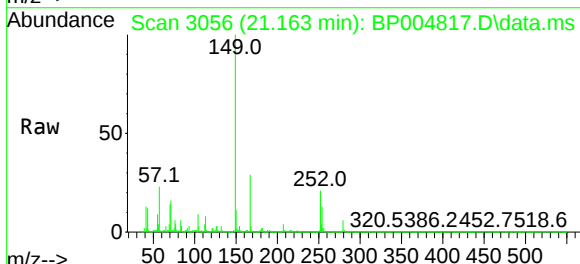
Instrument :  
BNA\_N  
ClientSampleId :

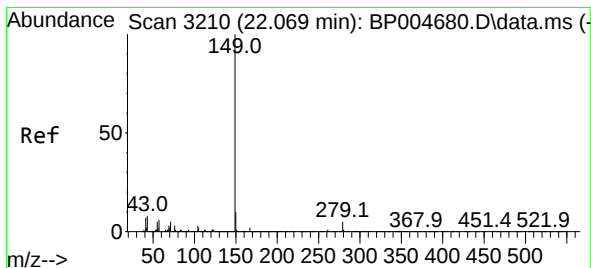
Tgt Ion:228 Resp: 716272  
Ion Ratio Lower Upper  
228 100  
226 28.8 24.4 36.6  
229 19.1 15.8 23.6



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 43.95 ng  
RT: 21.163 min Scan# 3056  
Delta R.T. 0.000 min  
Lab File: BP004817.D  
Acq: 19 Feb 2021 12:08

Tgt Ion:149 Resp: 455506  
Ion Ratio Lower Upper  
149 100  
167 29.3 22.6 34.0  
279 5.9 4.2 6.2

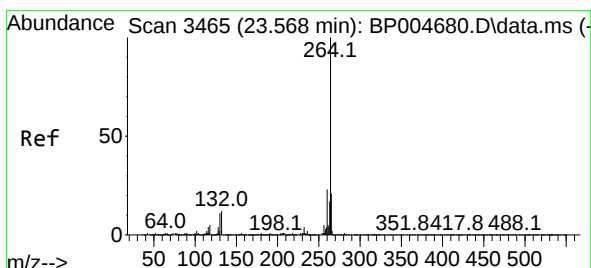
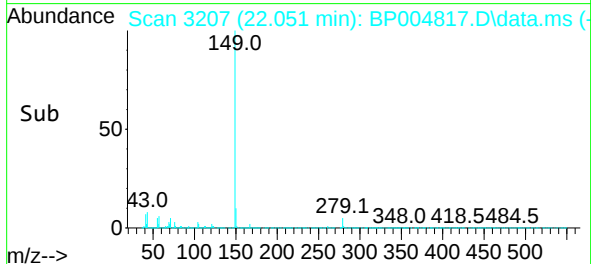
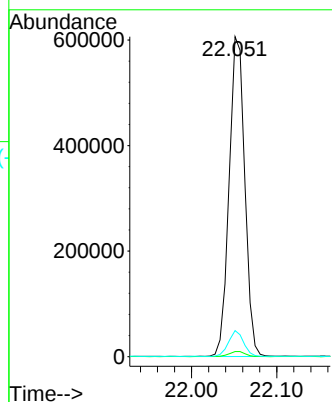
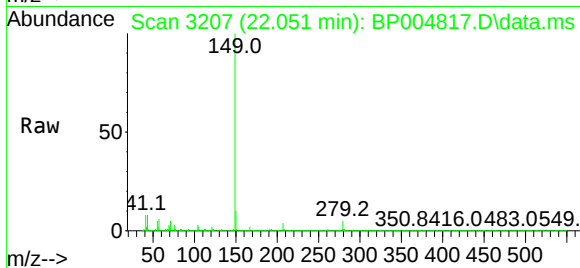




#85  
Di-n-octyl phthalate  
Concen: 45.98 ng  
RT: 22.051 min Scan# 3207  
Delta R.T. -0.005 min  
Lab File: BP004817.D  
Acq: 19 Feb 2021 12:08

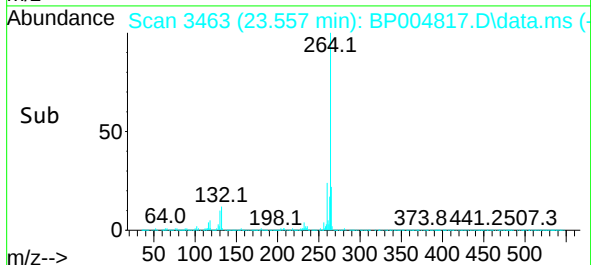
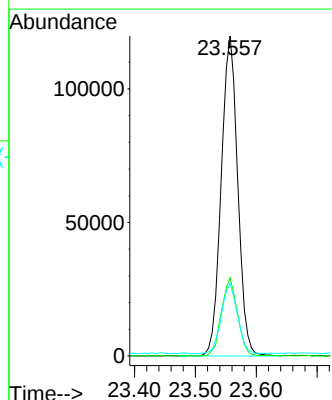
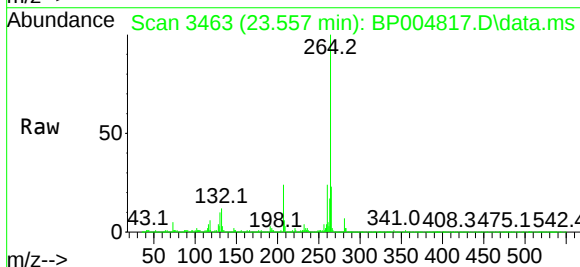
Instrument :  
BNA\_N  
ClientSampleId :

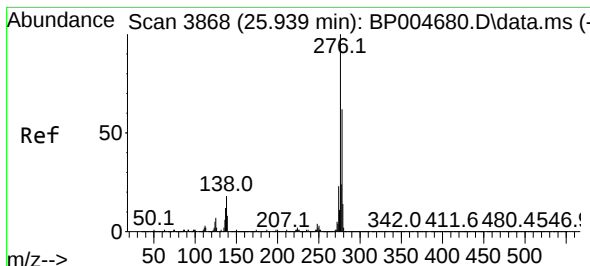
Tgt Ion:149 Resp: 772823  
Ion Ratio Lower Upper  
149 100  
167 1.8 1.3 1.9  
43 7.8 3.7 5.5#



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 23.557 min Scan# 3463  
Delta R.T. 0.000 min  
Lab File: BP004817.D  
Acq: 19 Feb 2021 12:08

Tgt Ion:264 Resp: 225473  
Ion Ratio Lower Upper  
264 100  
260 24.4 18.8 28.2  
265 22.7 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.49 ng

RT: 25.933 min Scan# 3867

Delta R.T. 0.006 min

Lab File: BP004817.D

Acq: 19 Feb 2021 12:08

Tgt Ion: 276 Resp: 854965

Ion Ratio Lower Upper

276 100

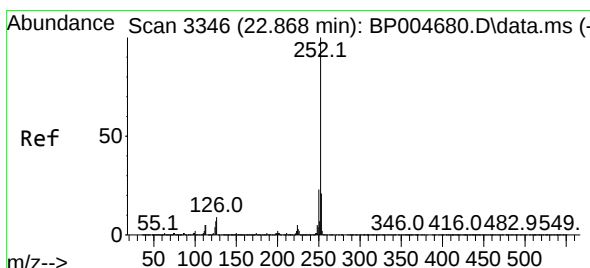
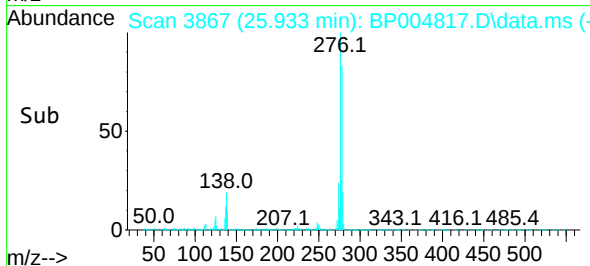
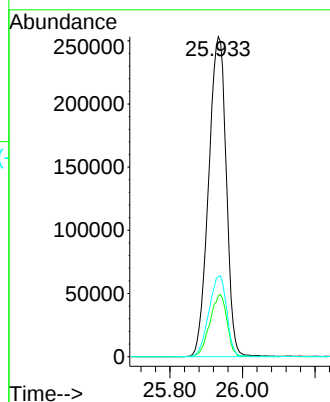
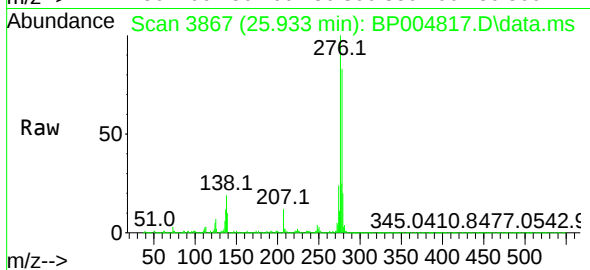
138 18.9 18.7 28.1

277 25.5 20.4 30.6

Instrument :

BNA\_N

ClientSampled :



#88

Benzo(b)fluoranthene

Concen: 45.93 ng

RT: 22.857 min Scan# 3344

Delta R.T. 0.000 min

Lab File: BP004817.D

Acq: 19 Feb 2021 12:08

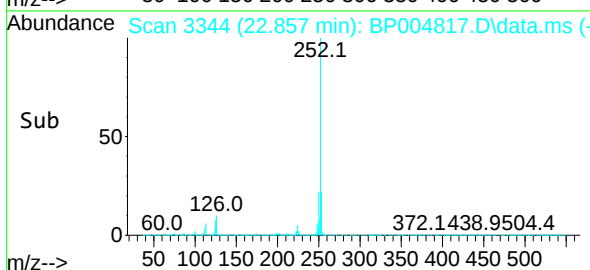
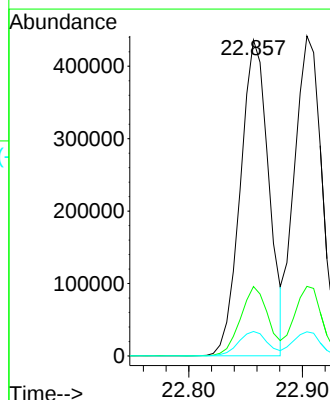
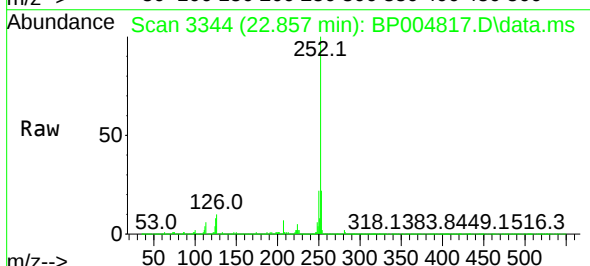
Tgt Ion: 252 Resp: 758446

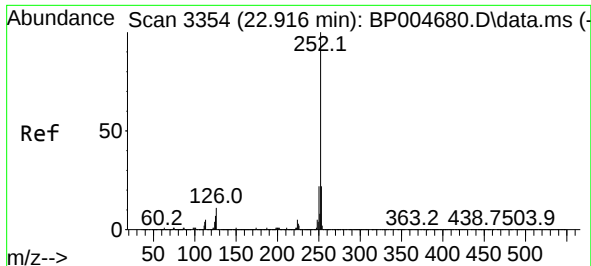
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 7.7 7.3 10.9

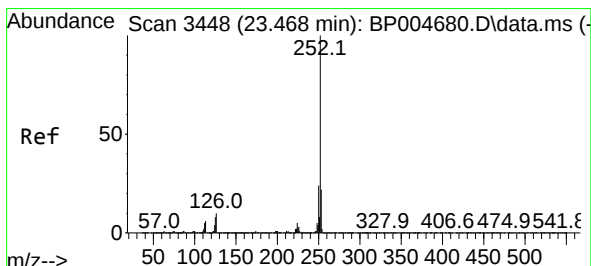
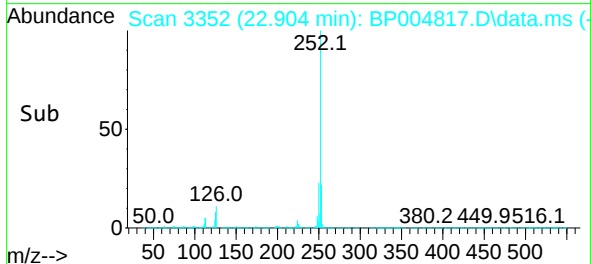
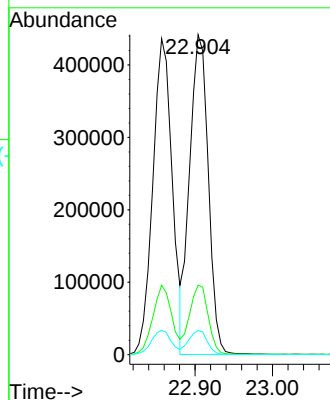
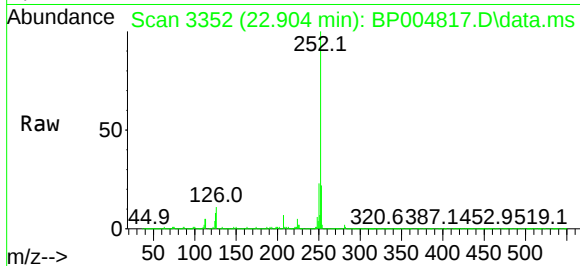




#89  
Benzo(k)fluoranthene  
Concen: 46.59 ng  
RT: 22.904 min Scan# 3352  
Delta R.T. 0.000 min  
Lab File: BP004817.D  
Acq: 19 Feb 2021 12:08

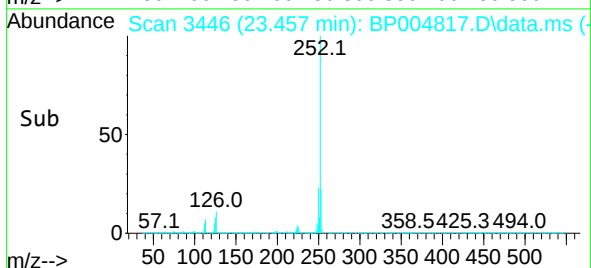
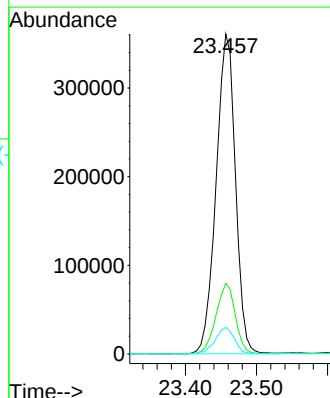
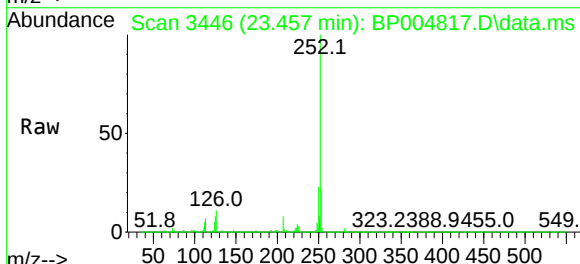
Instrument :  
BNA\_N  
ClientSampleId :

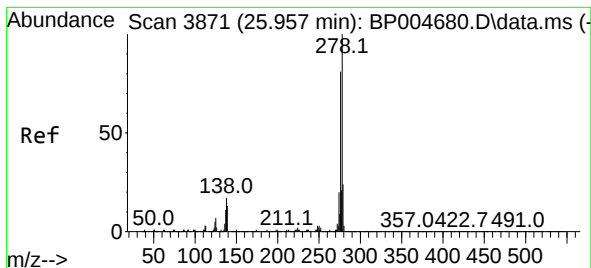
Tgt Ion:252 Resp: 738495  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.8 26.8  
125 7.5 7.4 11.2



#90  
Benzo(a)pyrene  
Concen: 45.59 ng  
RT: 23.457 min Scan# 3446  
Delta R.T. 0.000 min  
Lab File: BP004817.D  
Acq: 19 Feb 2021 12:08

Tgt Ion:252 Resp: 680320  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.4 26.0  
125 8.3 8.2 12.4

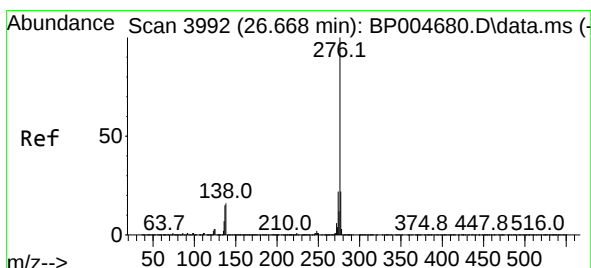
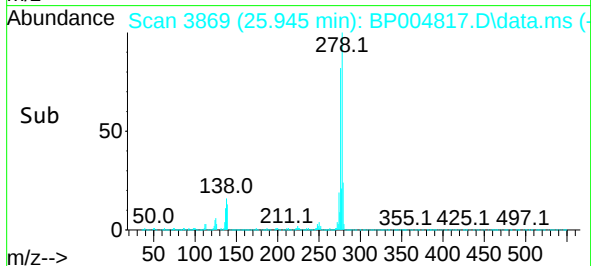
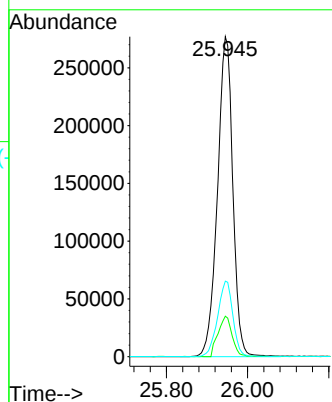
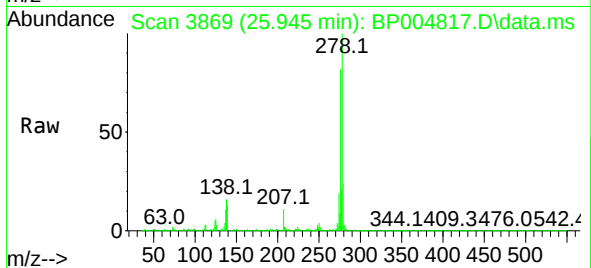




#91  
Dibenzo(a,h)anthracene  
Concen: 48.42 ng  
RT: 25.945 min Scan# 3869  
Delta R.T. 0.006 min  
Lab File: BP004817.D  
Acq: 19 Feb 2021 12:08

Instrument :  
BNA\_N  
ClientSampled :

Tgt Ion:278 Resp: 727131  
Ion Ratio Lower Upper  
278 100  
139 12.7 12.4 18.6  
279 23.6 19.0 28.6



#92  
Benzo(g,h,i)perylene  
Concen: 48.48 ng  
RT: 26.657 min Scan# 3990  
Delta R.T. 0.006 min  
Lab File: BP004817.D  
Acq: 19 Feb 2021 12:08

Tgt Ion:276 Resp: 698613  
Ion Ratio Lower Upper  
276 100  
277 25.1 19.0 28.6  
138 17.5 16.6 24.8

