

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP101620\  
 Data File : BP003644.D  
 Acq On : 16 Oct 2020 16:21  
 Operator : CG/JU  
 Sample : PB132419BSD  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB132419BSD

Quant Time: Oct 16 16:53:07 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\8270-BP101420.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 16 12:46:19 2020  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.540  | 152  | 92543    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8            | 11.387 | 136  | 362763   | 20.00  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 15.140 | 164  | 266814   | 20.00  | ng    | -0.01    |
| 64) Phenanthrene-d10          | 17.851 | 188  | 629817   | 20.00  | ng    | -0.01    |
| 76) Chrysene-d12              | 21.857 | 240  | 674507   | 20.00  | ng    | #-0.02   |
| 86) Perylene-d12              | 24.427 | 264  | 654590   | 20.00  | ng    | -0.04    |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 6.034  | 112  | 657045   | 122.06 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.687  | 99   | 921250   | 117.49 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.705  | 82   | 565435   | 72.27  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.610 | 330  | 467493   | 131.42 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.769 | 172  | 1291805  | 63.52  | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.316 | 244  | 2367455  | 63.50  | ng    | -0.02    |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.687  | 88   | 80592    | 34.95  | ng    | # 87     |
| 3) Pyridine                   | 4.128  | 79   | 230492   | 34.30  | ng    | # 89     |
| 4) n-Nitrosodimethylamine     | 4.023  | 42   | 119349   | 41.33  | ng    | # 62     |
| 6) Aniline                    | 7.834  | 93   | 294300   | 32.07  | ng    | # 87     |
| 8) 2-Chlorophenol             | 8.105  | 128  | 261216   | 47.73  | ng    | 82       |
| 9) Benzaldehyde               | 7.634  | 77   | 140875   | 33.64  | ng    | # 75     |
| 10) Phenol                    | 7.711  | 94   | 364525   | 48.14  | ng    | 77       |
| 11) bis(2-Chloroethyl)ether   | 7.916  | 93   | 255110   | 41.97  | ng    | 89       |
| 12) 1,3-Dichlorobenzene       | 8.434  | 146  | 280701   | 39.45  | ng    | # 92     |
| 13) 1,4-Dichlorobenzene       | 8.575  | 146  | 285916   | 40.05  | ng    | # 94     |
| 14) 1,2-Dichlorobenzene       | 8.910  | 146  | 278118   | 40.62  | ng    | # 93     |
| 15) Benzyl Alcohol            | 8.769  | 79   | 296411   | 47.06  | ng    | # 82     |
| 16) 2,2'-oxybis(1-Chloropr... | 9.063  | 45   | 238205   | 38.27  | ng    | 99       |
| 17) 2-Methylphenol            | 8.987  | 107  | 243873   | 47.53  | ng    | # 88     |
| 18) Hexachloroethane          | 9.663  | 117  | 110757   | 39.91  | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 9.340  | 70   | 223194   | 42.70  | ng    | # 85     |
| 20) 3+4-Methylphenols         | 9.316  | 107  | 332871   | 48.73  | ng    | 89       |
| 22) Acetophenone              | 9.358  | 105  | 434154   | 40.54  | ng    | # 87     |
| 24) Nitrobenzene              | 9.746  | 77   | 342422   | 44.46  | ng    | # 74     |
| 25) Isophorone                | 10.275 | 82   | 618611   | 42.37  | ng    | # 88     |
| 26) 2-Nitrophenol             | 10.475 | 139  | 139037   | 59.69  | ng    | # 60     |
| 27) 2,4-Dimethylphenol        | 10.528 | 122  | 259741   | 53.98  | ng    | # 85     |
| 28) bis(2-Chloroethoxy)met... | 10.746 | 93   | 352604   | 39.28  | ng    | 96       |
| 29) 2,4-Dichlorophenol        | 11.028 | 162  | 288081   | 47.97  | ng    | 95       |
| 30) 1,2,4-Trichlorobenzene    | 11.252 | 180  | 309099   | 38.80  | ng    | 98       |
| 31) Naphthalene               | 11.434 | 128  | 790885   | 40.66  | ng    | 99       |
| 32) Benzoic acid              | 10.669 | 122  | 157478   | 58.86  | ng    | # 63     |
| 33) 4-Chloroaniline           | 11.516 | 127  | 205665   | 24.49  | ng    | # 85     |
| 34) Hexachlorobutadiene       | 11.746 | 225  | 222928   | 37.75  | ng    | 100      |
| 35) Caprolactam               | 12.246 | 113  | 90989    | 47.81  | ng    | # 55     |
| 36) 4-Chloro-3-methylphenol   | 12.616 | 107  | 335590   | 48.96  | ng    | # 82     |
| 37) 2-Methylnaphthalene       | 13.004 | 142  | 610042   | 42.16  | ng    | # 94     |
| 38) 1-Methylnaphthalene       | 13.216 | 142  | 567676   | 41.73  | ng    | # 98     |
| 40) 1,2,4,5-Tetrachloroben... | 13.375 | 216  | 402644   | 39.80  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 13.369 | 237  | 540431   | 95.86  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 13.593 | 196  | 259571   | 46.27  | ng    | 98       |

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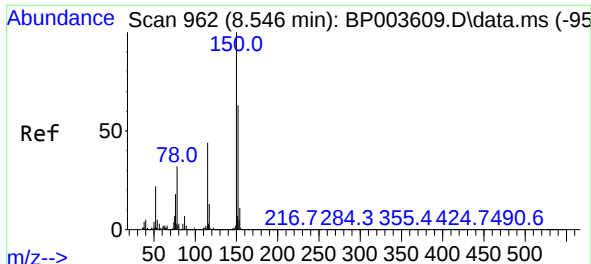
Quant Time: Oct 16 16:53:07 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\8270-BP101420.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 16 12:46:19 2020  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |     |
|-------------------------------|--------|------|----------|--------|-------|----------|-----|
| 44) 2,4,5-Trichlorophenol     | 13.669 | 196  | 283384   | 48.10  | ng    | #        | 95  |
| 46) 1,1'-Biphenyl             | 13.975 | 154  | 814766   | 39.52  | ng    |          | 98  |
| 47) 2-Chloronaphthalene       | 14.028 | 162  | 654315   | 38.12  | ng    |          | 97  |
| 48) 2-Nitroaniline            | 14.198 | 65   | 213324   | 44.07  | ng    | #        | 58  |
| 49) Acenaphthylene            | 14.863 | 152  | 1005889  | 40.23  | ng    |          | 100 |
| 50) Dimethylphthalate         | 14.563 | 163  | 884619   | 40.38  | ng    |          | 99  |
| 51) 2,6-Dinitrotoluene        | 14.675 | 165  | 192505   | 48.79  | ng    | #        | 64  |
| 52) Acenaphthene              | 15.204 | 154  | 735103   | 45.13  | ng    | #        | 82  |
| 53) 3-Nitroaniline            | 15.004 | 138  | 124200   | 31.22  | ng    | #        | 66  |
| 54) 2,4-Dinitrophenol         | 15.204 | 184  | 193574   | 90.63  | ng    | #        | 1   |
| 55) Dibenzofuran              | 15.528 | 168  | 1024220  | 40.46  | ng    |          | 97  |
| 56) 4-Nitrophenol             | 15.310 | 139  | 301724   | 105.63 | ng    | #        | 36  |
| 57) 2,4-Dinitrotoluene        | 15.457 | 165  | 267017   | 46.56  | ng    | #        | 64  |
| 58) Fluorene                  | 16.169 | 166  | 849644   | 41.48  | ng    |          | 99  |
| 59) 2,3,4,6-Tetrachlorophenol | 15.751 | 232  | 272396   | 50.28  | ng    |          | 94  |
| 60) Diethylphthalate          | 15.904 | 149  | 885907   | 41.14  | ng    |          | 98  |
| 61) 4-Chlorophenyl-phenyle... | 16.145 | 204  | 494089   | 40.72  | ng    |          | 96  |
| 62) 4-Nitroaniline            | 16.157 | 138  | 184942   | 41.78  | ng    | #        | 55  |
| 63) Azobenzene                | 16.434 | 77   | 840167   | 40.55  | ng    |          | 85  |
| 65) 4,6-Dinitro-2-methylph... | 16.228 | 198  | 145315   | 52.58  | ng    |          | 89  |
| 66) n-Nitrosodiphenylamine    | 16.351 | 169  | 750501   | 39.90  | ng    |          | 98  |
| 67) 4-Bromophenyl-phenylether | 17.034 | 248  | 320962   | 38.82  | ng    |          | 98  |
| 68) Hexachlorobenzene         | 17.192 | 284  | 366513   | 38.82  | ng    |          | 97  |
| 69) Atrazine                  | 17.269 | 200  | 262876   | 35.85  | ng    |          | 98  |
| 70) Pentachlorophenol         | 17.516 | 266  | 460509   | 107.21 | ng    |          | 99  |
| 71) Phenanthrene              | 17.892 | 178  | 1389386  | 39.71  | ng    |          | 99  |
| 72) Anthracene                | 17.981 | 178  | 1411249  | 41.35  | ng    |          | 99  |
| 73) Carbazole                 | 18.228 | 167  | 1242888  | 40.33  | ng    |          | 99  |
| 74) Di-n-butylphthalate       | 18.728 | 149  | 1506502  | 40.13  | ng    | #        | 98  |
| 75) Fluoranthene              | 19.804 | 202  | 1778588  | 41.06  | ng    |          | 97  |
| 77) Benzidine                 | 19.939 | 184  | 704342   | 44.54  | ng    |          | 100 |
| 78) Pyrene                    | 20.151 | 202  | 1783324  | 39.78  | ng    |          | 98  |
| 80) Butylbenzylphthalate      | 20.951 | 149  | 653878   | 41.76  | ng    | #        | 77  |
| 81) Benzo(a)anthracene        | 21.839 | 228  | 1792068  | 39.51  | ng    |          | 98  |
| 82) 3,3'-Dichlorobenzidine    | 21.745 | 252  | 465768   | 29.05  | ng    | #        | 98  |
| 83) Chrysene                  | 21.898 | 228  | 1697546  | 39.56  | ng    |          | 99  |
| 84) Bis(2-ethylhexyl)phtha... | 21.698 | 149  | 969930   | 40.82  | ng    |          | 99  |
| 85) Di-n-octyl phthalate      | 22.663 | 149  | 1649506  | 42.99  | ng    | #        | 91  |
| 87) Indeno(1,2,3-cd)pyrene    | 27.121 | 276  | 2030814  | 40.88  | ng    | #        | 91  |
| 88) Benzo(b)fluoranthene      | 23.645 | 252  | 1887702  | 41.50  | ng    | #        | 97  |
| 89) Benzo(k)fluoranthene      | 23.692 | 252  | 1763652  | 41.30  | ng    | #        | 96  |
| 90) Benzo(a)pyrene            | 24.316 | 252  | 1621035  | 39.57  | ng    | #        | 96  |
| 91) Dibenzo(a,h)anthracene    | 27.121 | 278  | 1730309  | 41.76  | ng    | #        | 93  |
| 92) Benzo(g,h,i)perylene      | 27.951 | 276  | 1646528  | 42.10  | ng    | #        | 91  |

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

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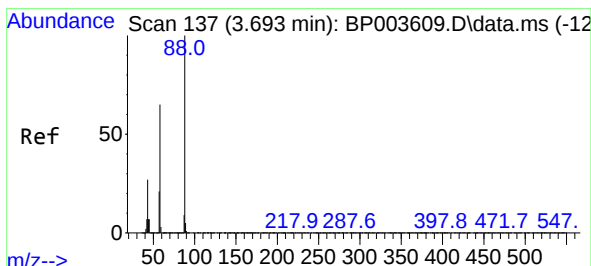
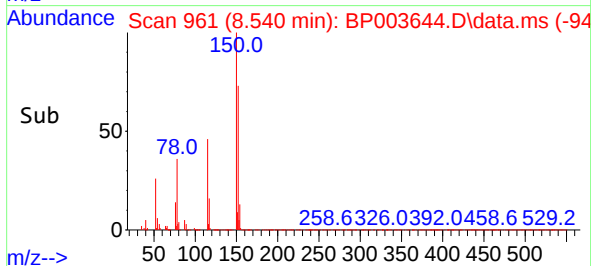
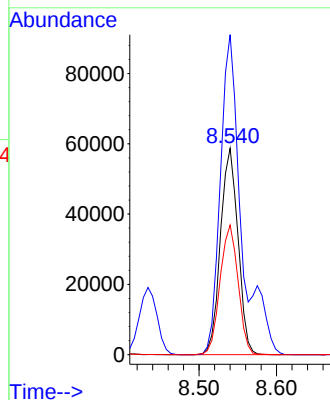
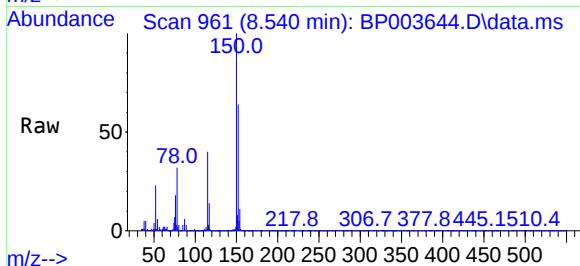




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.540 min Scan# 961  
Delta R.T. -0.006 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

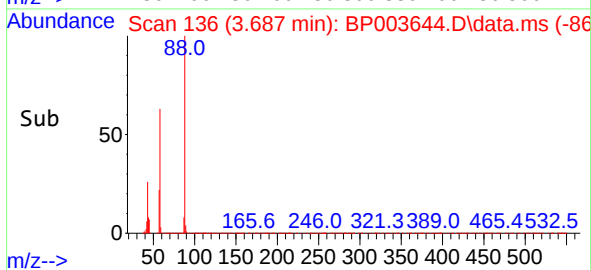
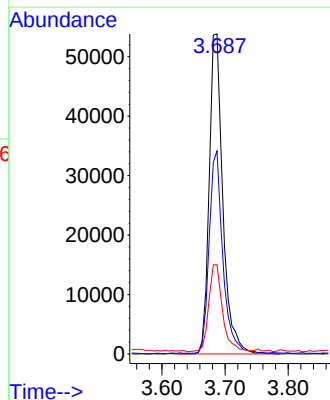
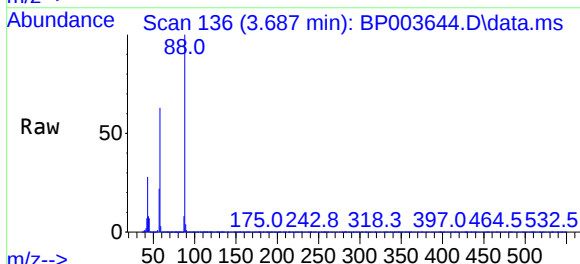
Instrument :  
BNA\_P  
ClientSampleId :  
PB132419BSD

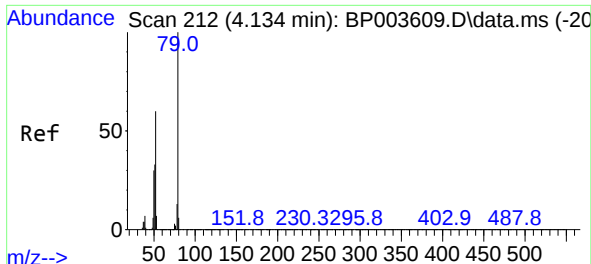
Tgt Ion:152 Resp: 92543  
Ion Ratio Lower Upper  
152 100  
150 155.0 123.8 185.6  
115 62.8 43.8 65.6



#2  
1,4-Dioxane  
Concen: 34.95 ng  
RT: 3.687 min Scan# 136  
Delta R.T. -0.006 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

Tgt Ion: 88 Resp: 80592  
Ion Ratio Lower Upper  
88 100  
58 63.6 44.2 66.4  
43 27.5 15.2 22.8#



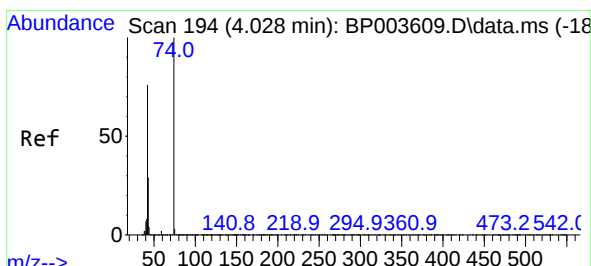
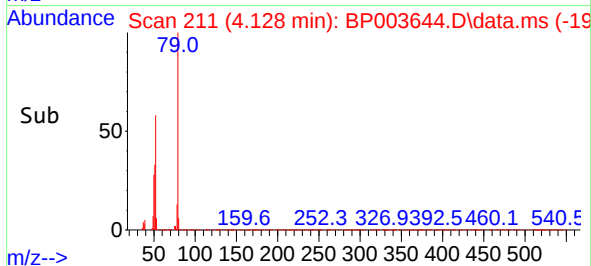
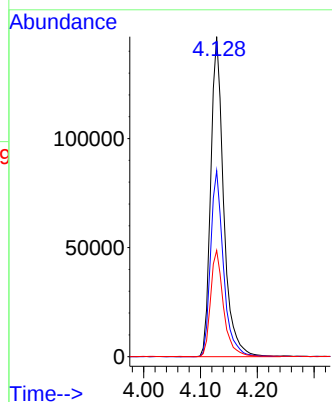
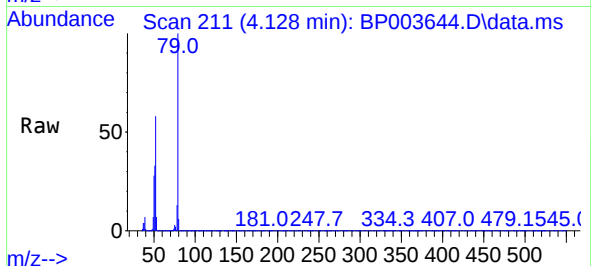


#3  
Pyridine  
Concen: 34.30 ng  
RT: 4.128 min Scan# 211  
Delta R.T. -0.006 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

Instrument :  
BNA\_P  
ClientSampleId :  
PB132419BSD

Tgt Ion: 79 Resp: 230492

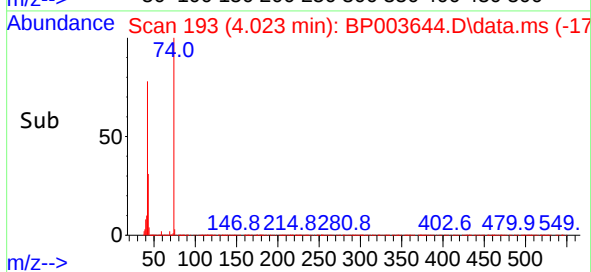
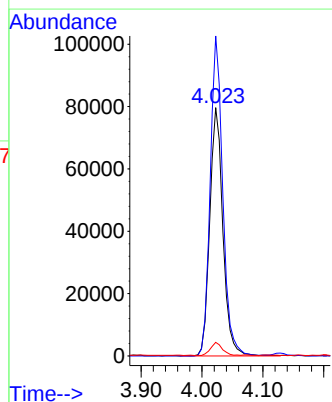
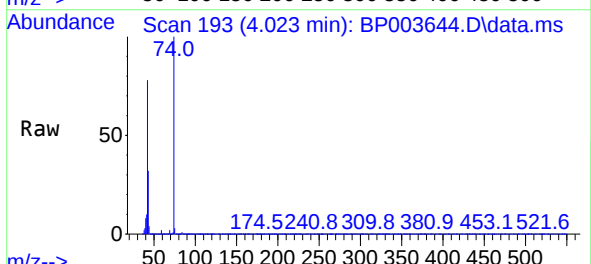
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79  | 100   |       |       |
| 52  | 58.1  | 41.3  | 61.9  |
| 51  | 33.2  | 21.2  | 31.8# |

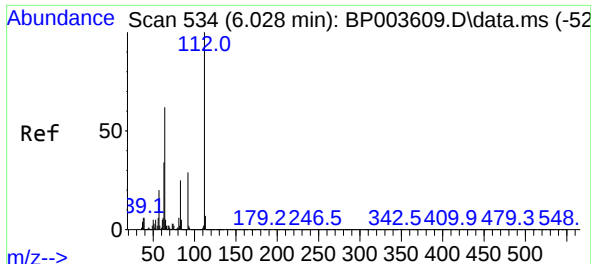


#4  
n-Nitrosodimethylamine  
Concen: 41.33 ng  
RT: 4.023 min Scan# 193  
Delta R.T. -0.006 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

Tgt Ion: 42 Resp: 119349

| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 42  | 100   |       |        |
| 74  | 128.9 | 148.6 | 223.0# |
| 44  | 5.5   | 5.3   | 7.9    |

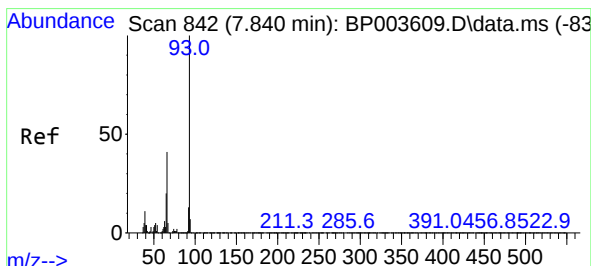
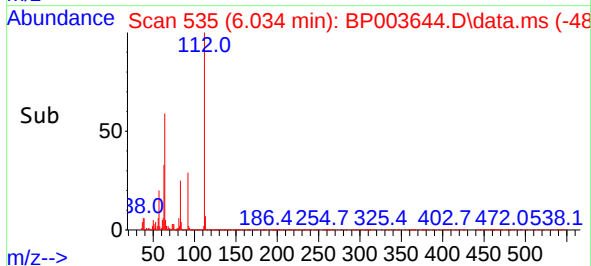
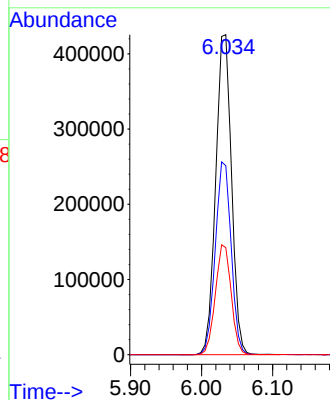
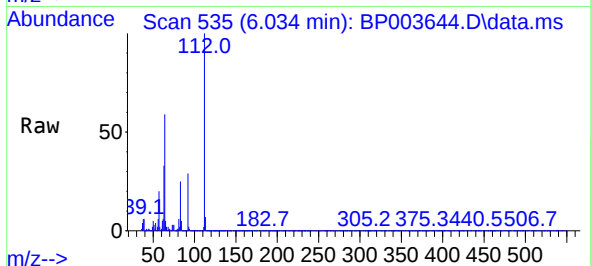




#5  
2-Fluorophenol  
Concen: 122.06 ng  
RT: 6.034 min Scan# 535  
Delta R.T. 0.006 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

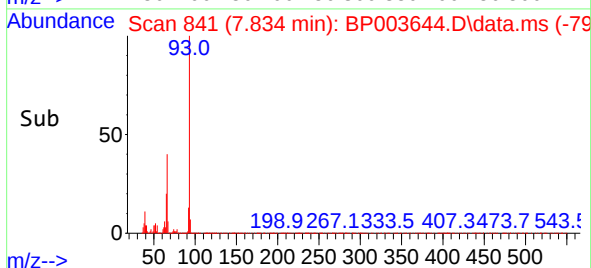
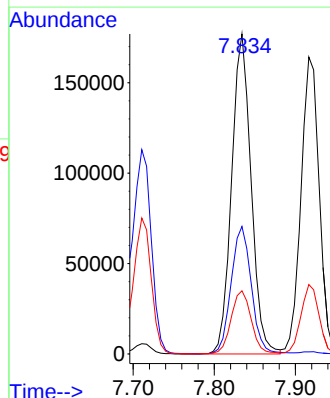
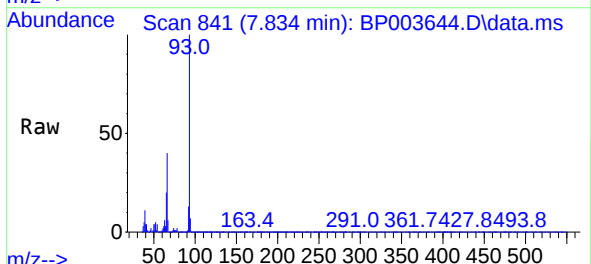
Instrument :  
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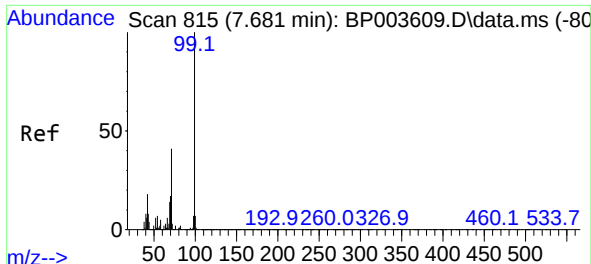
Tgt Ion:112 Resp: 657045  
Ion Ratio Lower Upper  
112 100  
64 59.1 32.8 49.2#  
63 33.4 17.0 25.4#



#6  
Aniline  
Concen: 32.07 ng  
RT: 7.834 min Scan# 841  
Delta R.T. -0.006 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

Tgt Ion: 93 Resp: 294300  
Ion Ratio Lower Upper  
93 100  
66 39.9 25.4 38.0#  
65 19.7 12.5 18.7#

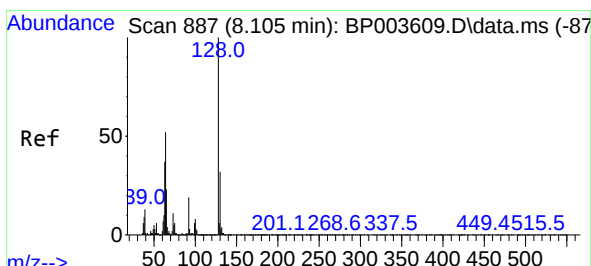
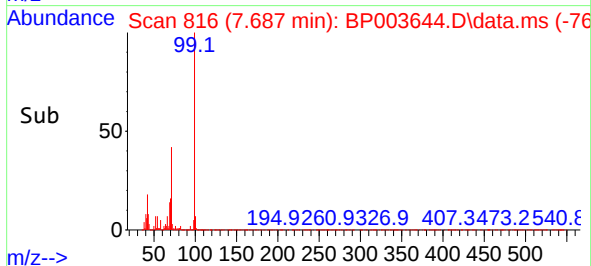
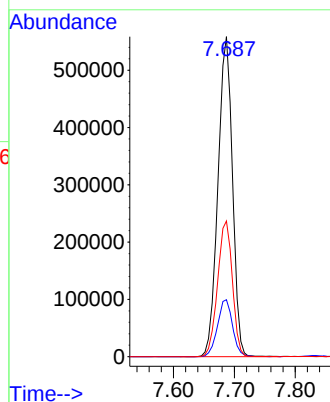
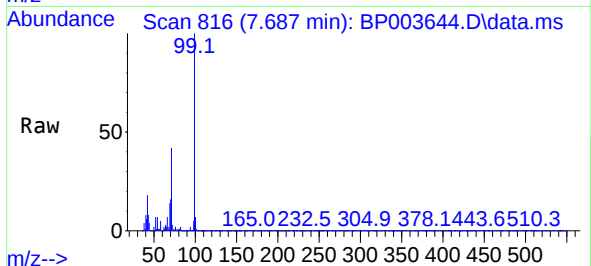




#7  
Phenol-d6  
Concen: 117.49 ng  
RT: 7.687 min Scan# 816  
Delta R.T. 0.006 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

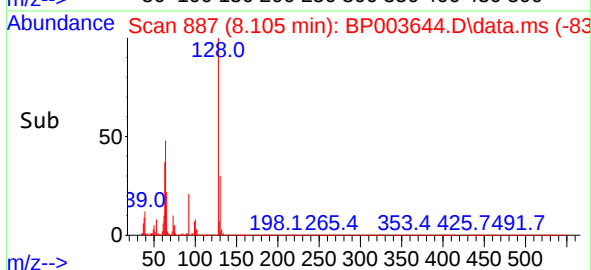
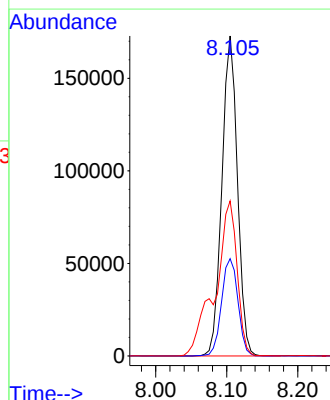
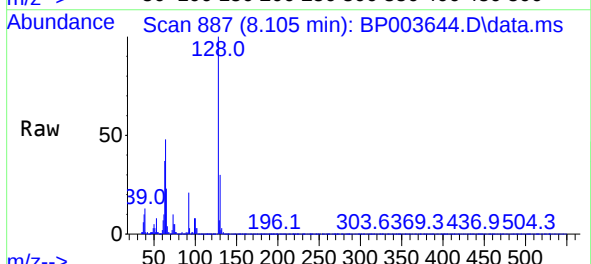
Instrument :  
BNA\_P  
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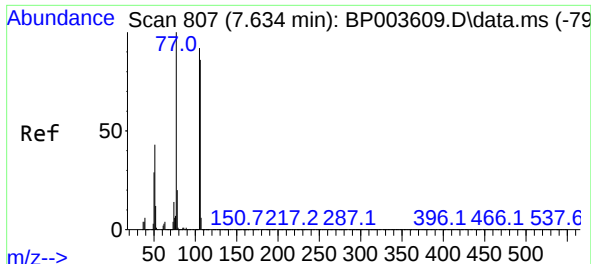
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Ion Ratio Lower Upper  
99 100  
42 17.8 8.6 13.0#  
71 42.4 23.4 35.2#



#8  
2-Chlorophenol  
Concen: 47.73 ng  
RT: 8.105 min Scan# 887  
Delta R.T. -0.000 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

Tgt Ion: 128 Resp: 261216  
Ion Ratio Lower Upper  
128 100  
130 30.4 13.0 53.0  
64 48.4 10.4 50.4

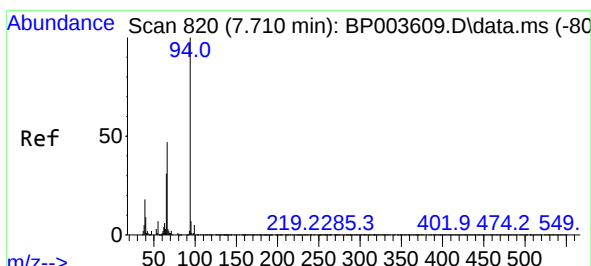
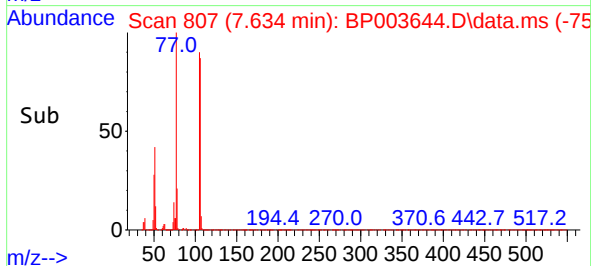
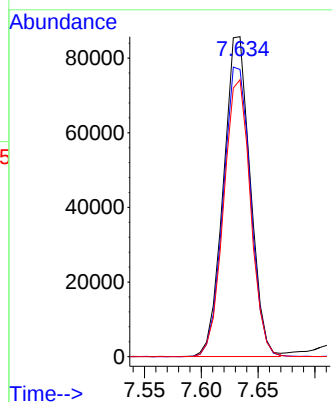
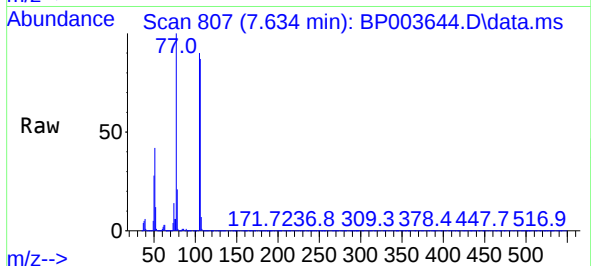




#9  
Benzaldehyde  
Concen: 33.64 ng  
RT: 7.634 min Scan# 807  
Delta R.T. 0.000 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

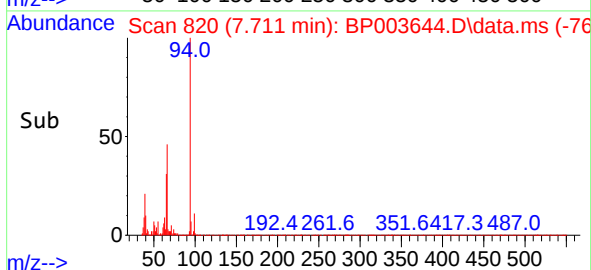
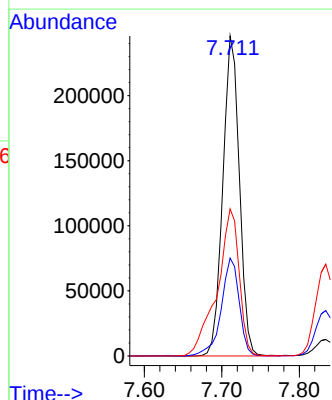
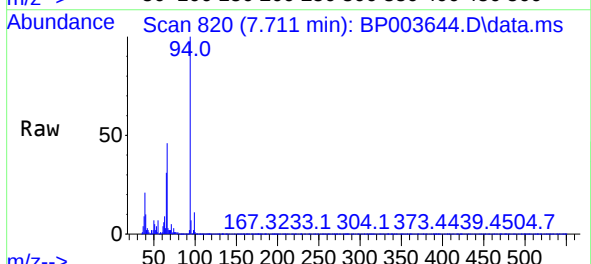
Instrument :  
BNA\_P  
ClientSampleId :  
PB132419BSD

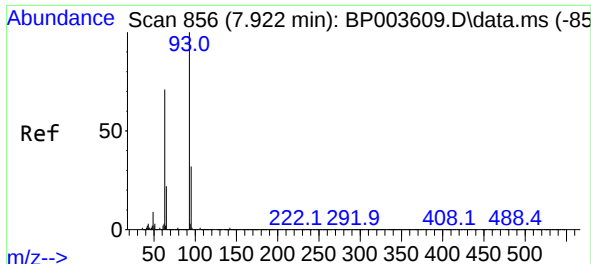
Tgt Ion: 77 Resp: 140875  
Ion Ratio Lower Upper  
77 100  
105 89.8 97.1 137.1#  
106 86.5 93.7 133.7#



#10  
Phenol  
Concen: 48.14 ng  
RT: 7.711 min Scan# 820  
Delta R.T. 0.000 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

Tgt Ion: 94 Resp: 364525  
Ion Ratio Lower Upper  
94 100  
65 30.6 2.3 42.3  
66 46.0 10.9 50.9

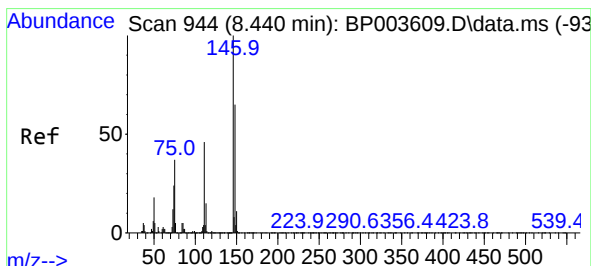
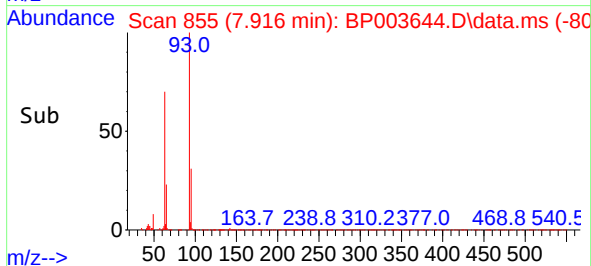
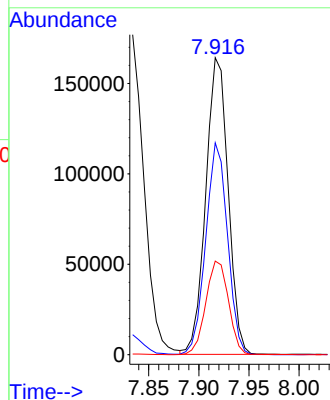
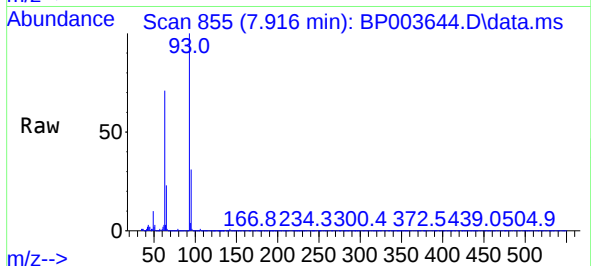




#11  
bis(2-Chloroethyl)ether  
Concen: 41.97 ng  
RT: 7.916 min Scan# 855  
Delta R.T. -0.006 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

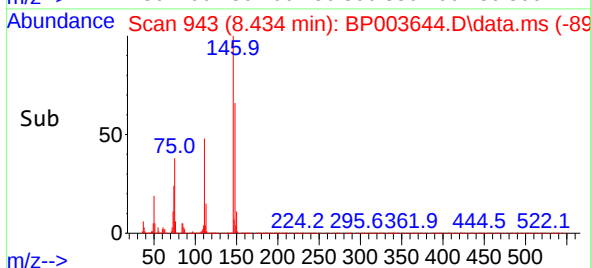
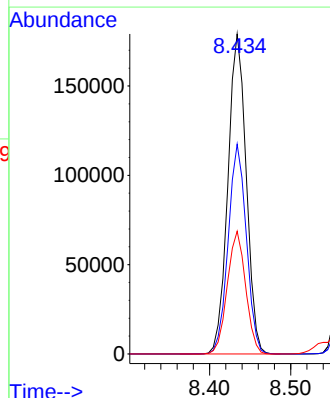
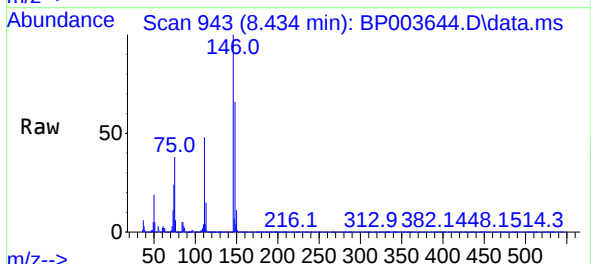
Instrument :  
BNA\_P  
ClientSampleId :  
PB132419BSD

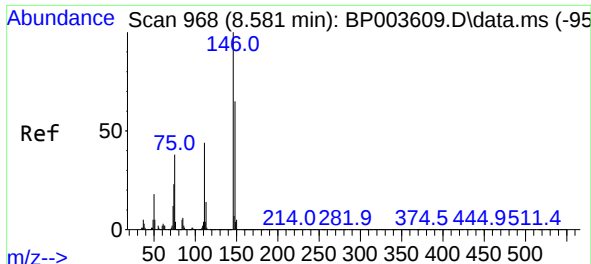
Tgt Ion: 93 Resp: 255110  
Ion Ratio Lower Upper  
93 100  
63 71.3 39.0 79.0  
95 31.5 12.8 52.8



#12  
1,3-Dichlorobenzene  
Concen: 39.45 ng  
RT: 8.434 min Scan# 943  
Delta R.T. -0.006 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

Tgt Ion: 146 Resp: 280701  
Ion Ratio Lower Upper  
146 100  
148 65.6 52.5 78.7  
75 38.3 18.1 27.1#

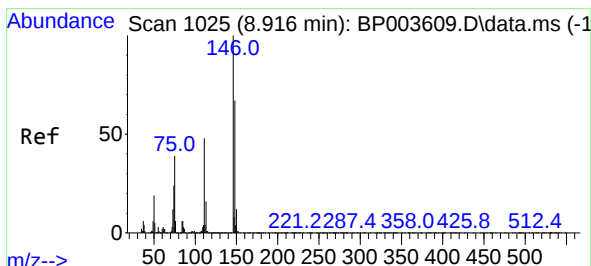
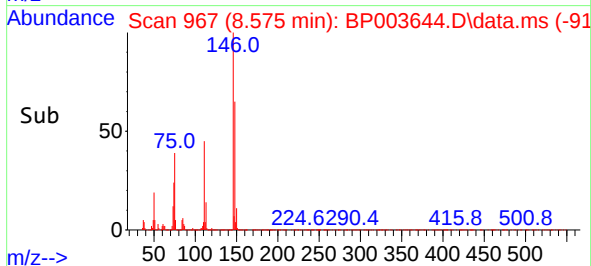
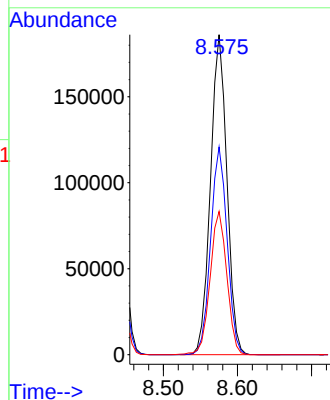
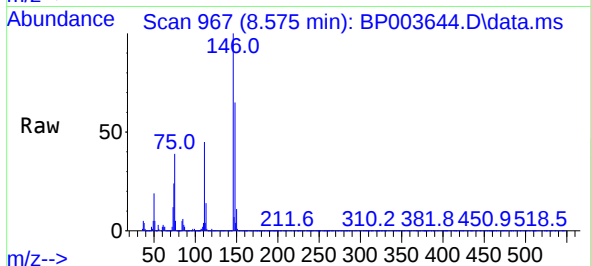




#13  
1,4-Dichlorobenzene  
Concen: 40.05 ng  
RT: 8.575 min Scan# 967  
Delta R.T. -0.006 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

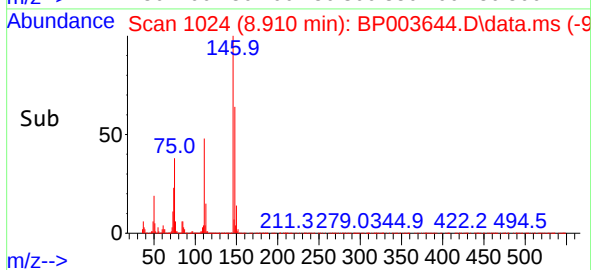
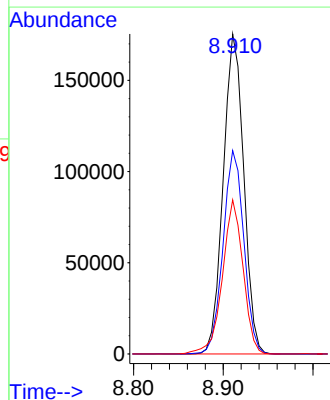
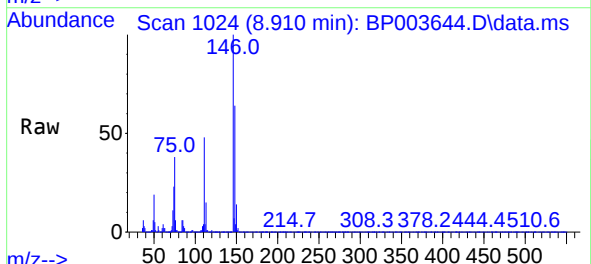
Instrument :  
BNA\_P  
ClientSampleId :  
PB132419BSD

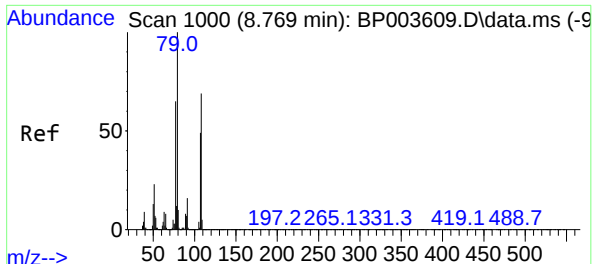
Tgt Ion:146 Resp: 285916  
Ion Ratio Lower Upper  
146 100  
148 64.9 51.3 76.9  
111 44.7 28.9 43.3#



#14  
1,2-Dichlorobenzene  
Concen: 40.62 ng  
RT: 8.910 min Scan# 1024  
Delta R.T. -0.006 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

Tgt Ion:146 Resp: 278118  
Ion Ratio Lower Upper  
146 100  
148 63.5 51.6 77.4  
111 48.1 31.0 46.6#

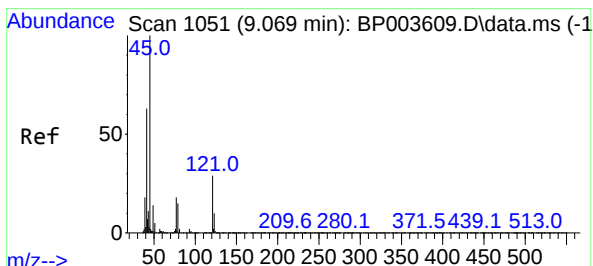
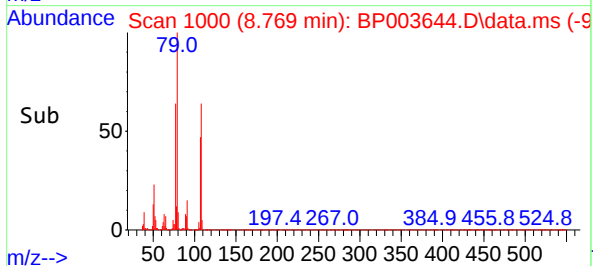
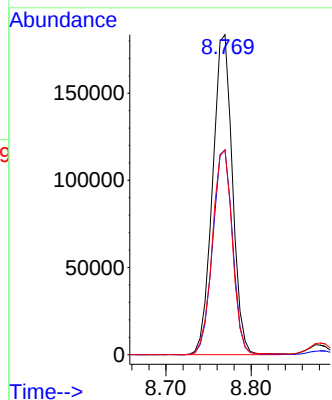
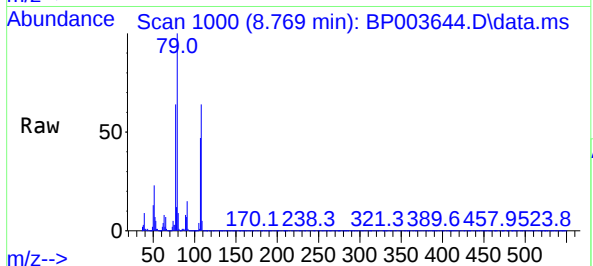




#15  
Benzyl Alcohol  
Concen: 47.06 ng  
RT: 8.769 min Scan# 1000  
Delta R.T. 0.000 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

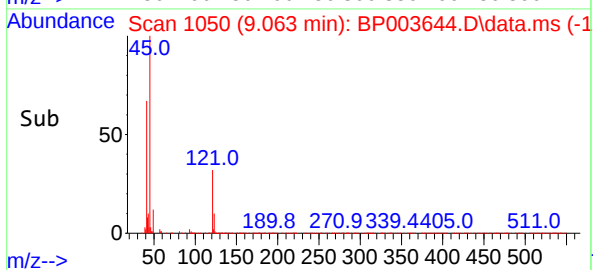
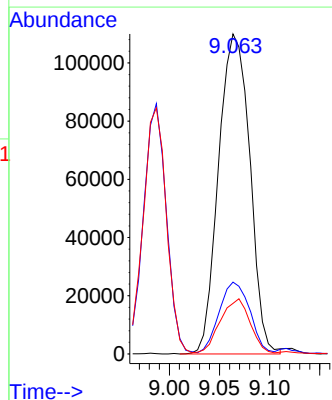
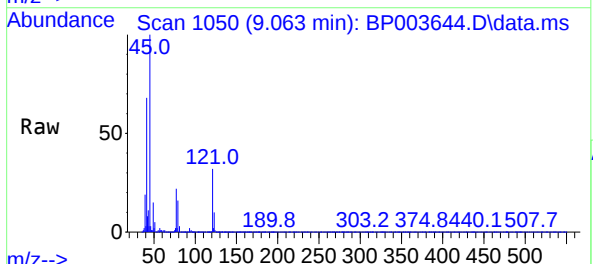
Instrument :  
BNA\_P  
ClientSampleId :  
PB132419BSD

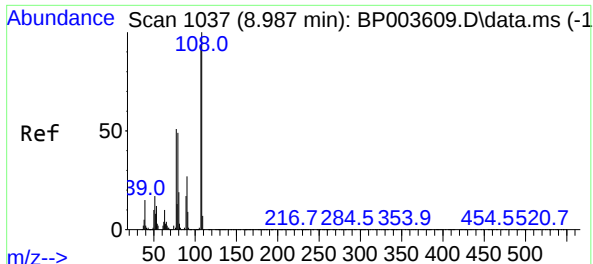
Tgt Ion: 79 Resp: 296411  
Ion Ratio Lower Upper  
79 100  
108 64.0 73.5 110.3#  
77 64.0 50.3 75.5



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 38.27 ng  
RT: 9.063 min Scan# 1050  
Delta R.T. -0.006 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

Tgt Ion: 45 Resp: 238205  
Ion Ratio Lower Upper  
45 100  
77 22.4 2.3 42.3  
79 15.8 0.0 36.6

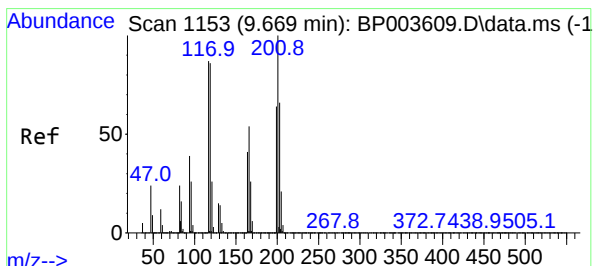
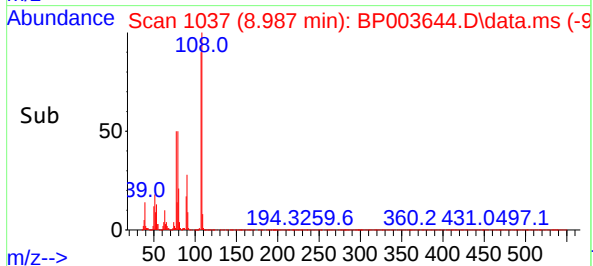
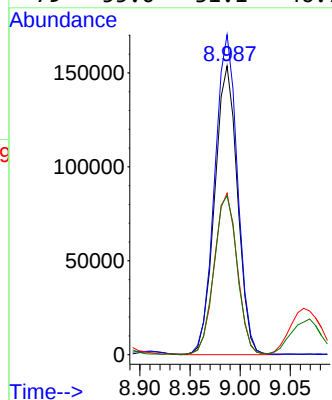
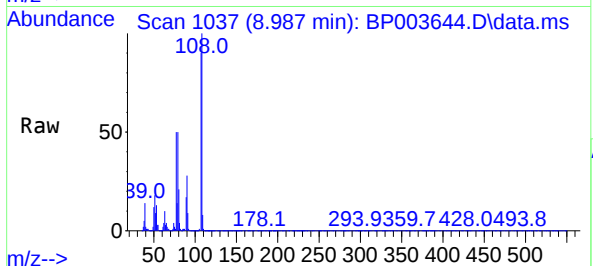




#17  
2-Methylphenol  
Concen: 47.53 ng  
RT: 8.987 min Scan# 1037  
Delta R.T. 0.000 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

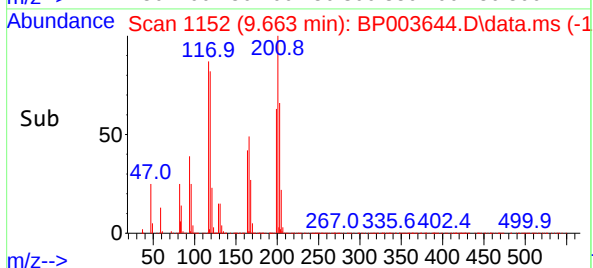
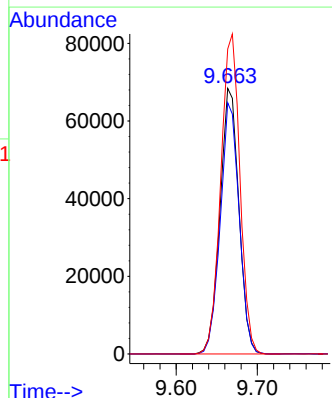
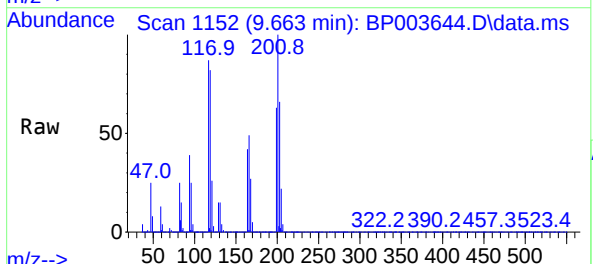
Instrument :  
BNA\_P  
ClientSampleId :  
PB132419BSD

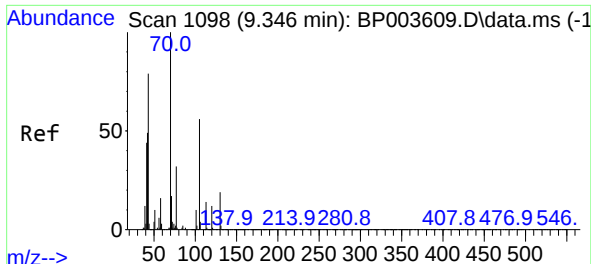
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 243873 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 110.9 | 89.6  | 134.4  |
| 77       | 55.9  | 31.8  | 47.6#  |
| 79       | 55.0  | 31.1  | 46.7#  |



#18  
Hexachloroethane  
Concen: 39.91 ng  
RT: 9.663 min Scan# 1152  
Delta R.T. -0.006 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 110757 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 94.6  | 78.8  | 118.2  |
| 201      | 114.8 | 92.3  | 138.5  |



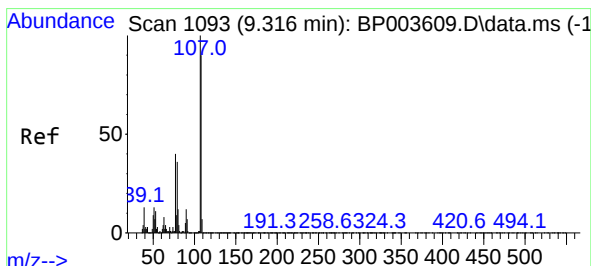
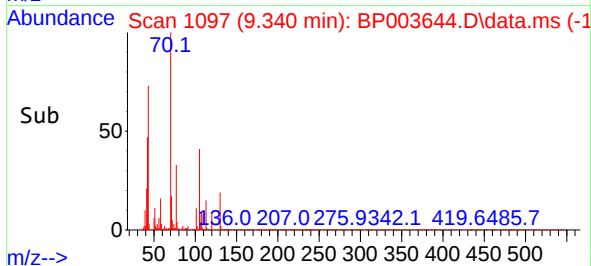
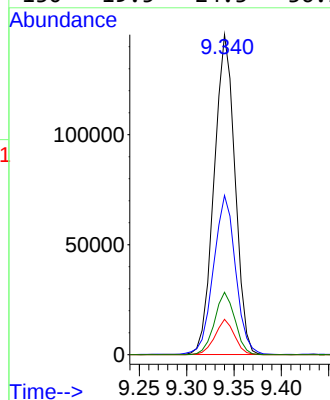
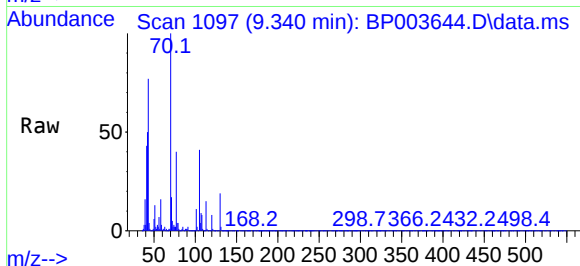


#19  
n-Nitroso-di-n-propylamine  
Concen: 42.70 ng  
RT: 9.340 min Scan# 1097  
Delta R.T. -0.006 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

Instrument :  
BNA\_P  
ClientSampleId :  
PB132419BSD

Tgt Ion: 70 Resp: 223194

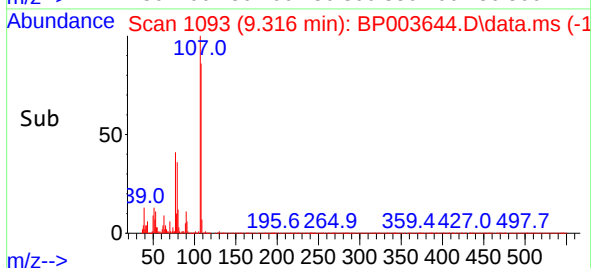
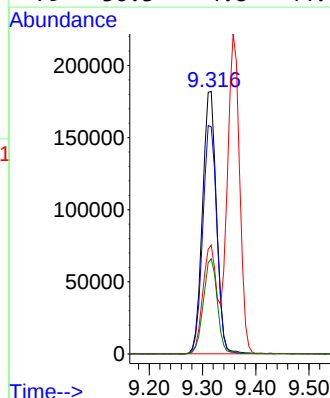
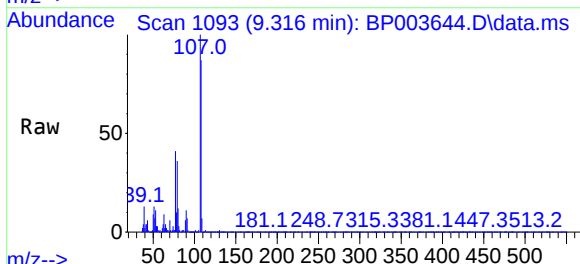
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 49.8  | 32.8  | 49.2# |
| 101 | 11.0  | 9.6   | 14.4  |
| 130 | 19.5  | 24.3  | 36.5# |

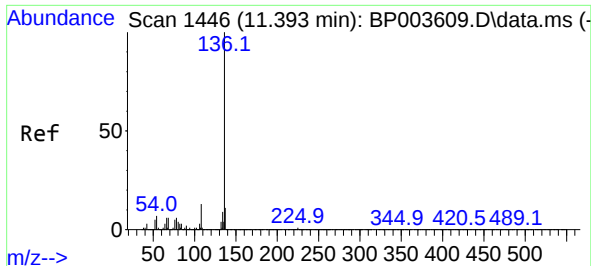


#20  
3+4-Methylphenols  
Concen: 48.73 ng  
RT: 9.316 min Scan# 1093  
Delta R.T. 0.000 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

Tgt Ion: 107 Resp: 332871

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 86.5  | 69.0  | 109.0 |
| 77  | 41.5  | 8.5   | 48.5  |
| 79  | 36.3  | 4.8   | 44.8  |



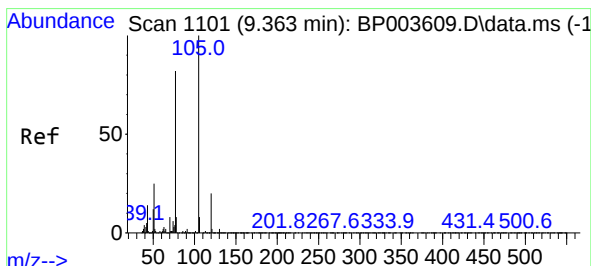
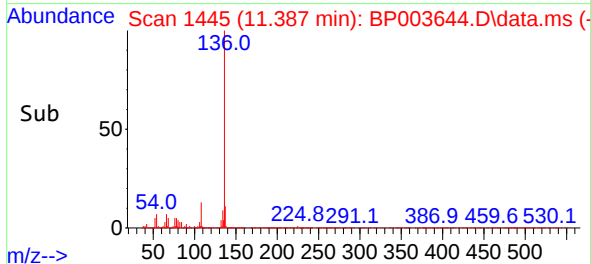
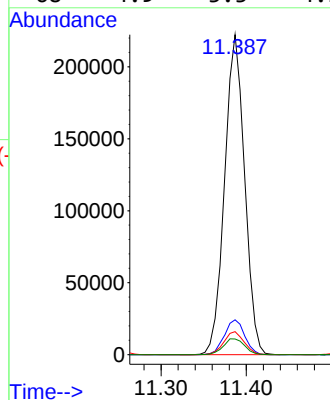
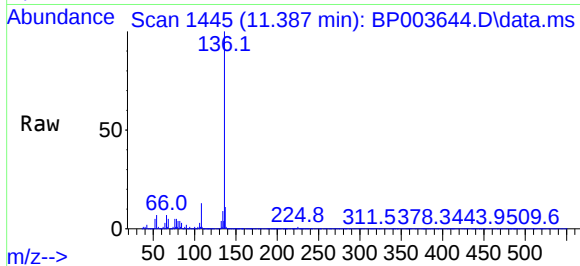


#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 11.387 min Scan# 1445  
Delta R.T. -0.006 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

Instrument :  
BNA\_P  
ClientSampleId :  
PB132419BSD

Tgt Ion:136 Resp: 362763

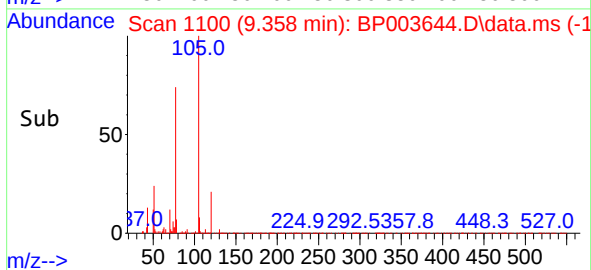
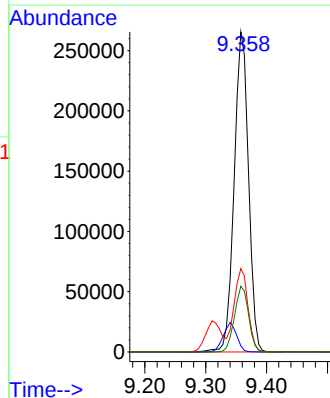
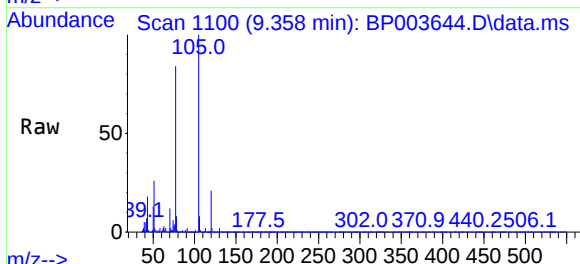
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.9  | 8.6   | 13.0  |
| 54  | 7.2   | 3.6   | 5.4#  |
| 68  | 4.9   | 3.3   | 4.9   |

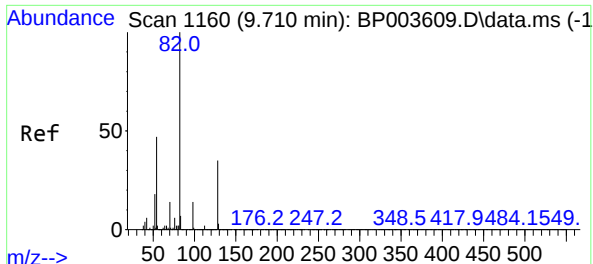


#22  
Acetophenone  
Concen: 40.54 ng  
RT: 9.358 min Scan# 1100  
Delta R.T. -0.006 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

Tgt Ion:105 Resp: 434154

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 71  | 1.9   | 2.6   | 3.8#  |
| 51  | 26.1  | 13.5  | 20.3# |
| 120 | 20.6  | 19.6  | 29.4  |

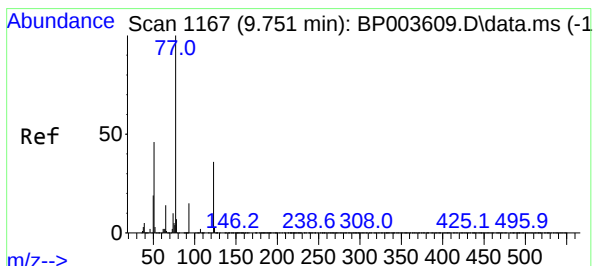
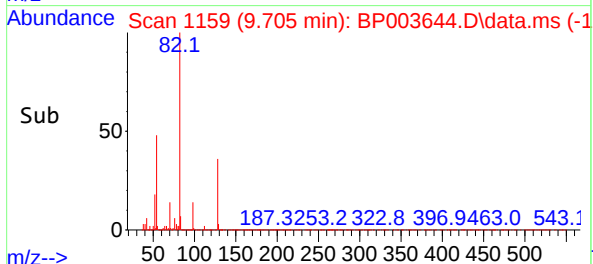
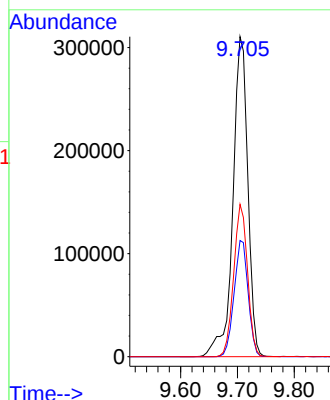
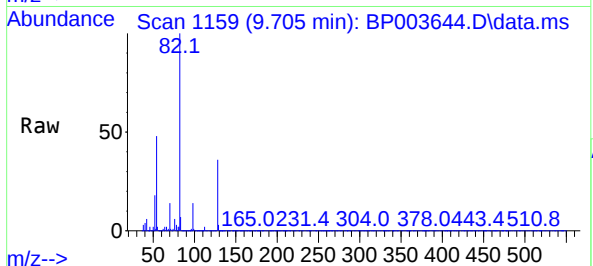




#23  
Nitrobenzene-d5  
Concen: 72.27 ng  
RT: 9.705 min Scan# 1159  
Delta R.T. -0.006 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

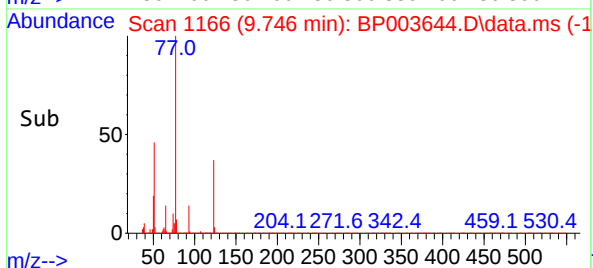
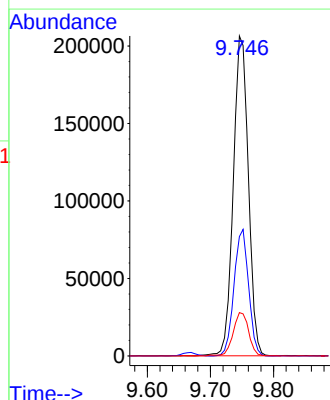
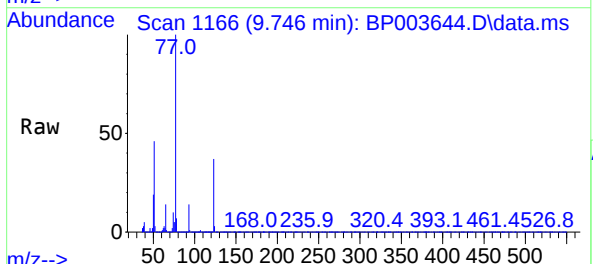
Instrument :  
BNA\_P  
ClientSampleId :  
PB132419BSD

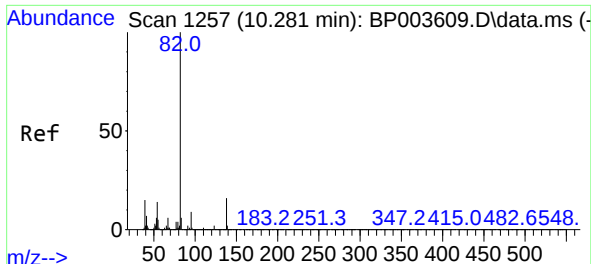
Tgt Ion: 82 Resp: 565435  
Ion Ratio Lower Upper  
82 100  
128 36.3 45.6 68.4#  
54 47.6 30.1 45.1#



#24  
Nitrobenzene  
Concen: 44.46 ng  
RT: 9.746 min Scan# 1166  
Delta R.T. -0.006 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

Tgt Ion: 77 Resp: 342422  
Ion Ratio Lower Upper  
77 100  
123 37.3 48.6 72.8#  
65 13.6 10.0 15.0

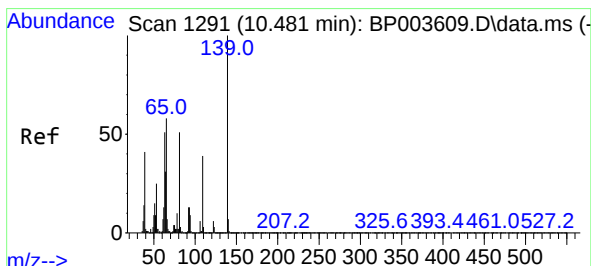
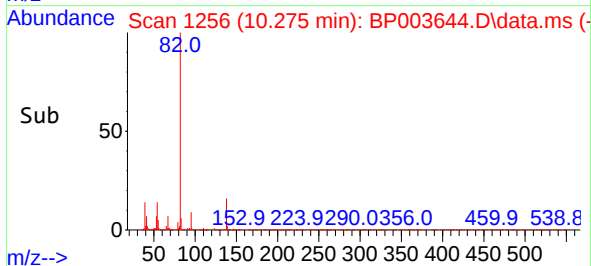
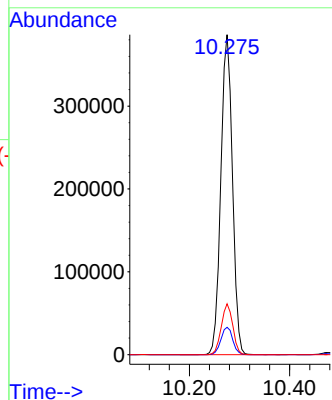
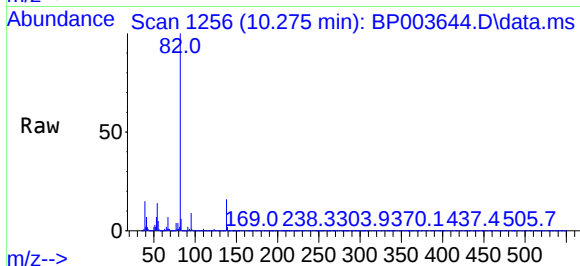




#25  
Isophorone  
Concen: 42.37 ng  
RT: 10.275 min Scan# 1256  
Delta R.T. -0.006 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

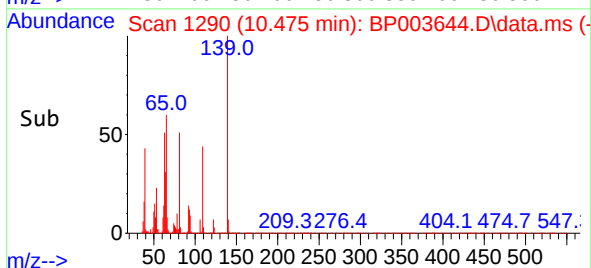
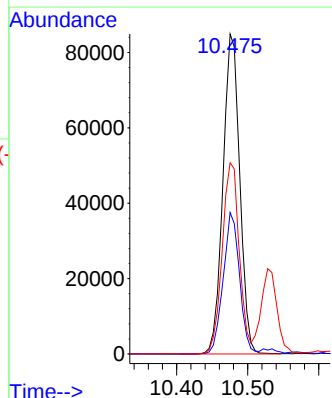
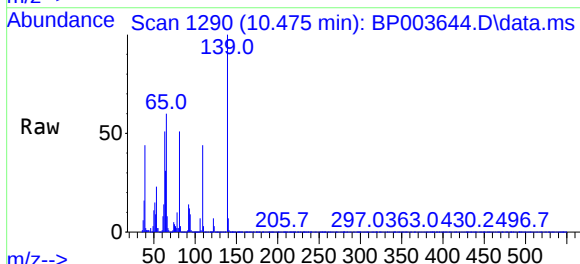
Instrument :  
BNA\_P  
ClientSampleId :  
PB132419BSD

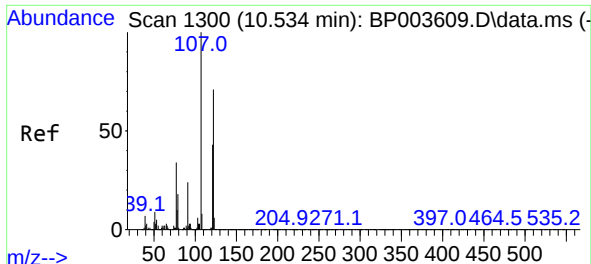
Tgt Ion: 82 Resp: 618611  
Ion Ratio Lower Upper  
82 100  
95 8.6 6.4 9.6  
138 15.9 18.7 28.1#



#26  
2-Nitrophenol  
Concen: 59.69 ng  
RT: 10.475 min Scan# 1290  
Delta R.T. -0.006 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

Tgt Ion: 139 Resp: 139037  
Ion Ratio Lower Upper  
139 100  
109 44.2 22.1 33.1#  
65 59.7 26.5 39.7#

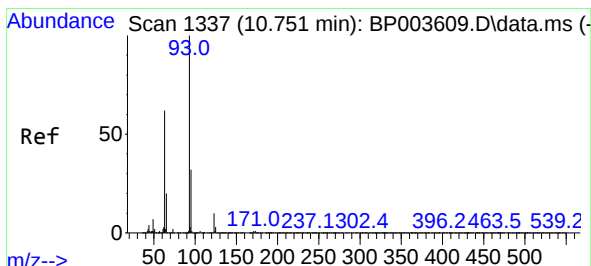
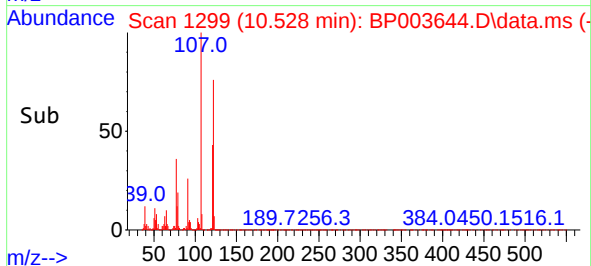
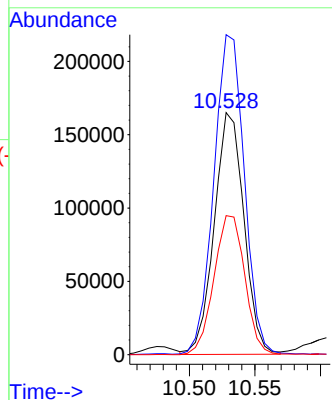
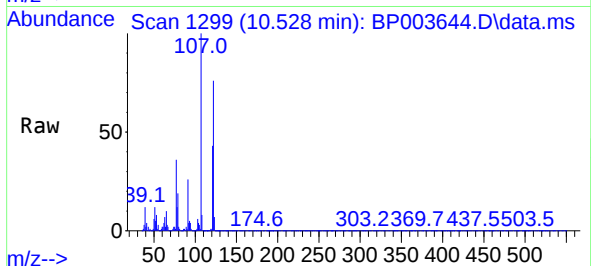




#27  
2,4-Dimethylphenol  
Concen: 53.98 ng  
RT: 10.528 min Scan# 1299  
Delta R.T. -0.006 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

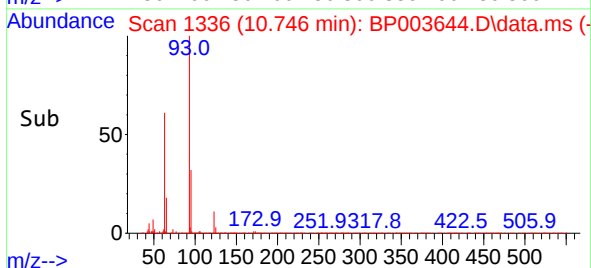
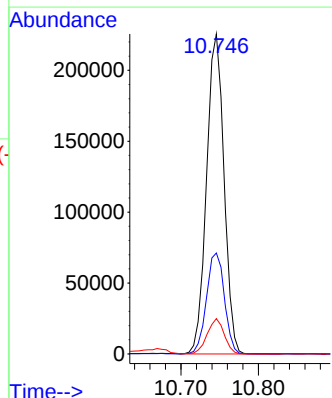
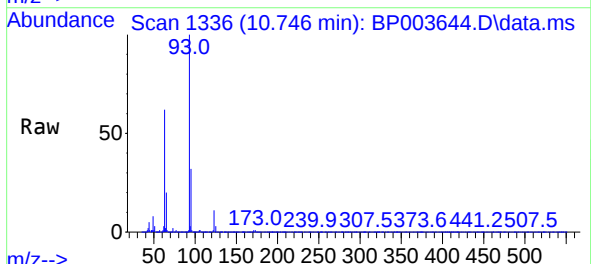
Instrument :  
BNA\_P  
ClientSampleId :  
PB132419BSD

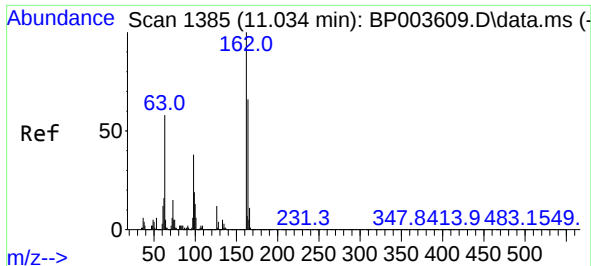
Tgt Ion:122 Resp: 259741  
Ion Ratio Lower Upper  
122 100  
107 132.2 87.3 130.9#  
121 57.4 47.3 70.9



#28  
bis(2-Chloroethoxy)methane  
Concen: 39.28 ng  
RT: 10.746 min Scan# 1336  
Delta R.T. -0.006 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

Tgt Ion: 93 Resp: 352604  
Ion Ratio Lower Upper  
93 100  
95 31.6 26.7 40.1  
123 11.1 10.5 15.7

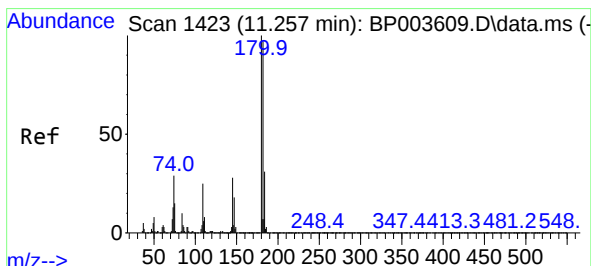
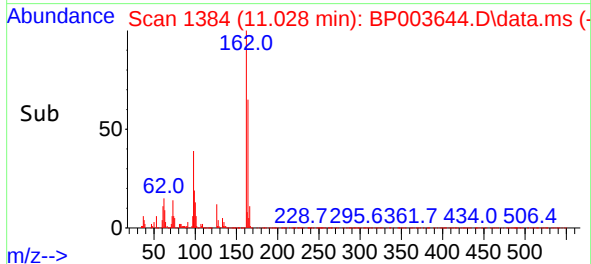
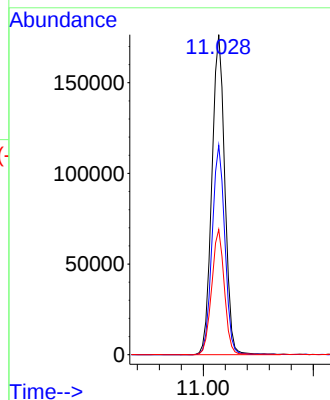
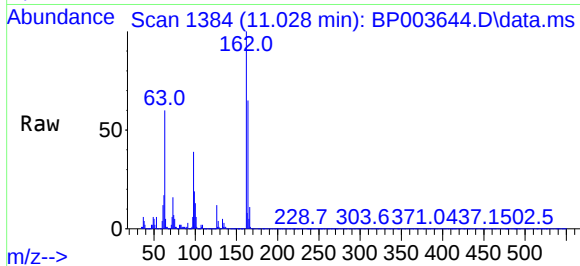




#29  
2,4-Dichlorophenol  
Concen: 47.97 ng  
RT: 11.028 min Scan# 1384  
Delta R.T. -0.006 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

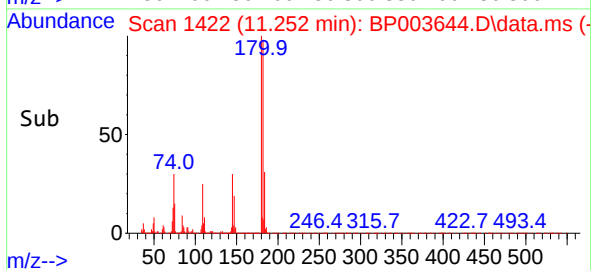
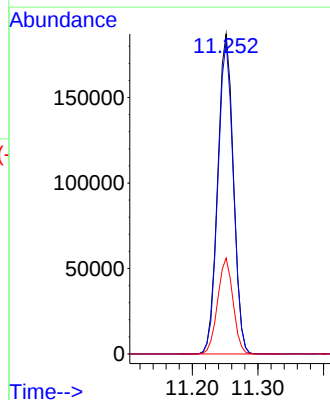
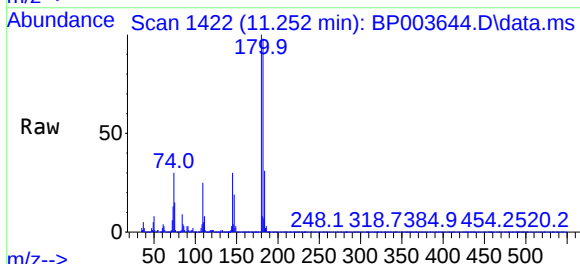
Instrument :  
BNA\_P  
ClientSampleId :  
PB132419BSD

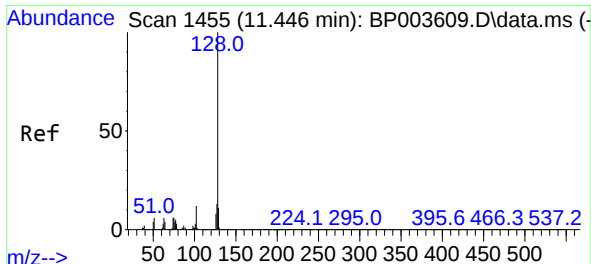
Tgt Ion:162 Resp: 288081  
Ion Ratio Lower Upper  
162 100  
164 65.4 45.8 85.8  
98 39.1 10.2 50.2



#30  
1,2,4-Trichlorobenzene  
Concen: 38.80 ng  
RT: 11.252 min Scan# 1422  
Delta R.T. -0.006 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

Tgt Ion:180 Resp: 309099  
Ion Ratio Lower Upper  
180 100  
182 97.7 76.2 114.2  
145 30.0 23.8 35.8

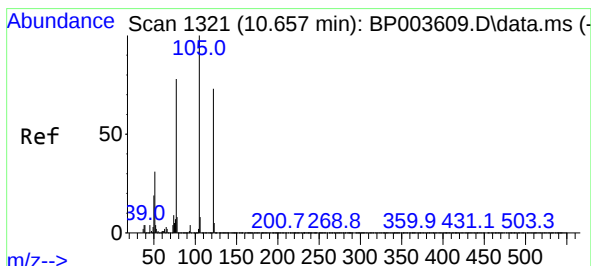
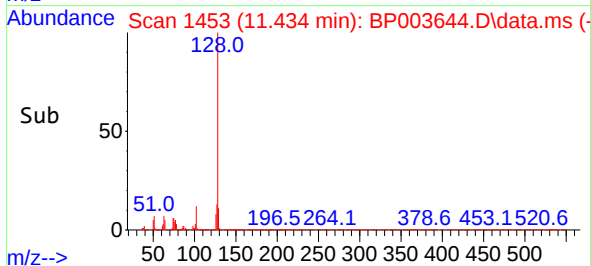
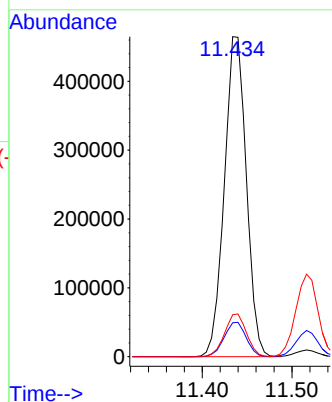
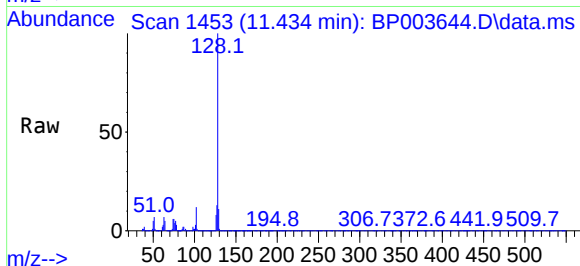




#31  
Naphthalene  
Concen: 40.66 ng  
RT: 11.434 min Scan# 1453  
Delta R.T. -0.012 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

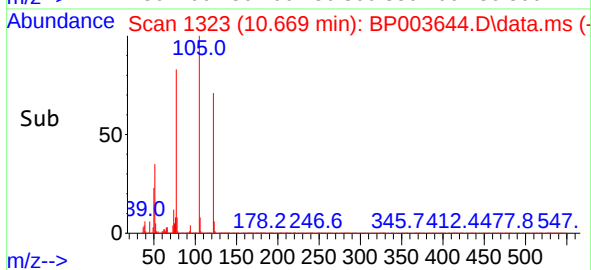
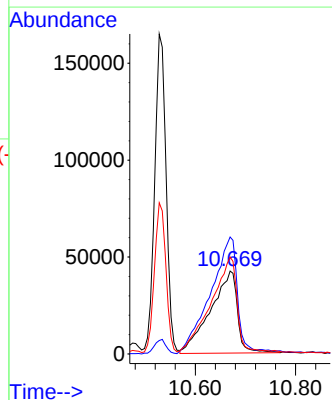
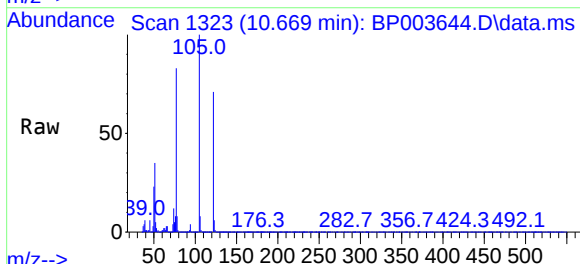
Instrument :  
BNA\_P  
ClientSampleId :  
PB132419BSD

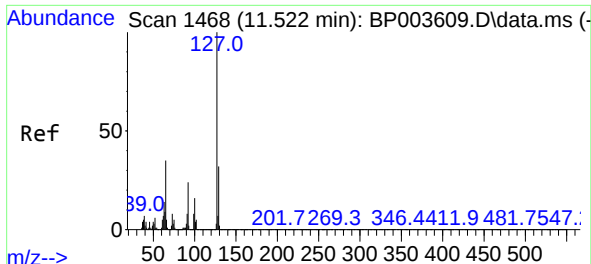
|             |              |
|-------------|--------------|
| Tgt Ion:128 | Resp: 790885 |
| Ion Ratio   | Lower Upper  |
| 128 100     |              |
| 129 10.6    | 8.8 13.2     |
| 127 13.1    | 10.6 15.8    |



#32  
Benzoic acid  
Concen: 58.86 ng  
RT: 10.669 min Scan# 1323  
Delta R.T. 0.012 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

|             |       |        |        |
|-------------|-------|--------|--------|
| Tgt Ion:122 | Resp: | 157478 |        |
| Ion         | Ratio | Lower  | Upper  |
| 122         | 100   |        |        |
| 105         | 141.2 | 94.1   | 134.1# |
| 77          | 117.0 | 50.1   | 90.1#  |

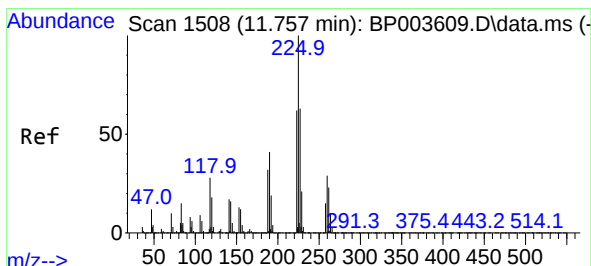
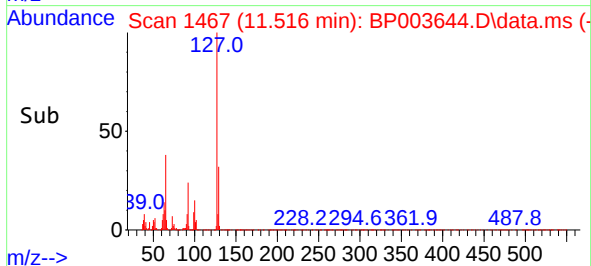
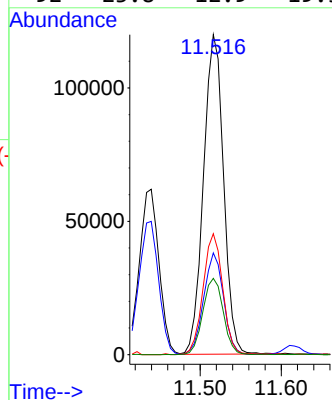
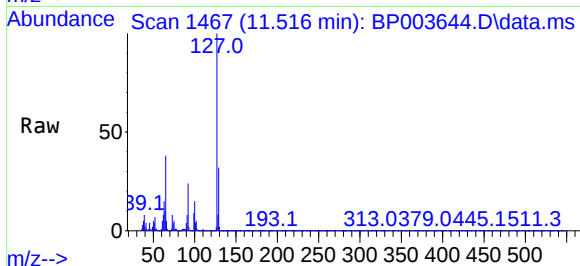




#33  
4-Chloroaniline  
Concen: 24.49 ng  
RT: 11.516 min Scan# 1467  
Delta R.T. -0.006 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

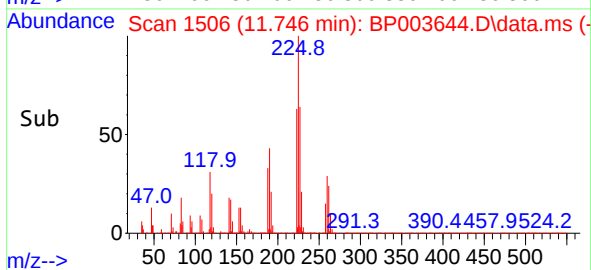
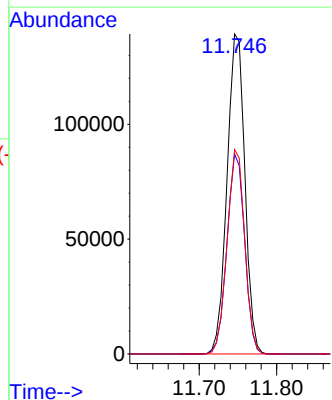
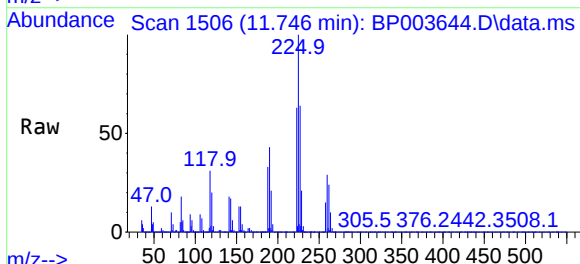
Instrument :  
BNA\_P  
ClientSampleId :  
PB132419BSD

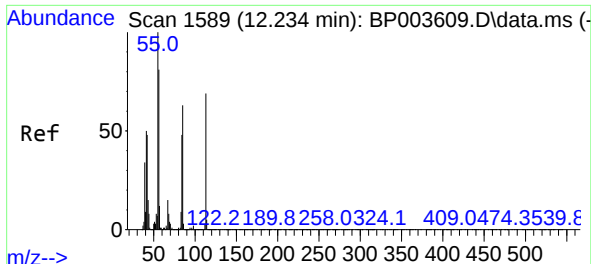
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 205665 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 31.8  | 25.7  | 38.5   |
| 65       | 37.8  | 17.3  | 25.9#  |
| 92       | 23.8  | 12.9  | 19.3#  |



#34  
Hexachlorobutadiene  
Concen: 37.75 ng  
RT: 11.746 min Scan# 1506  
Delta R.T. -0.012 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 222928 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.5  | 50.1  | 75.1   |
| 227      | 63.8  | 51.4  | 77.2   |

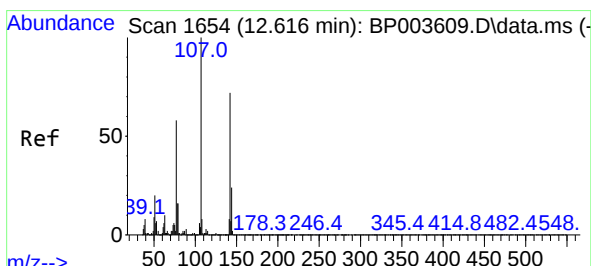
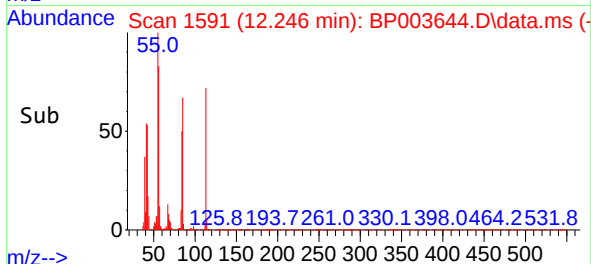
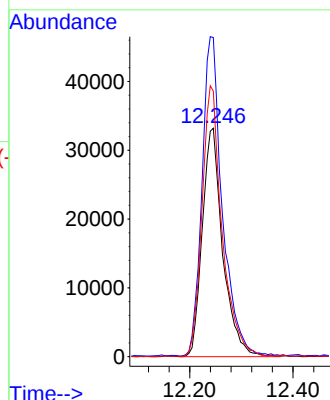
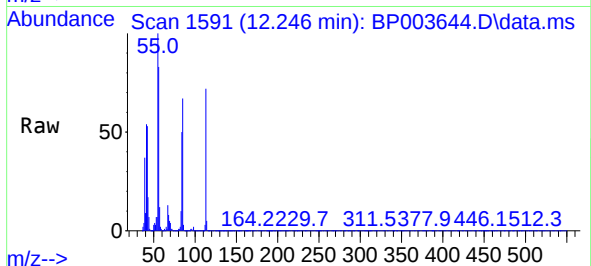




#35  
Caprolactam  
Concen: 47.81 ng  
RT: 12.246 min Scan# 1591  
Delta R.T. 0.012 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

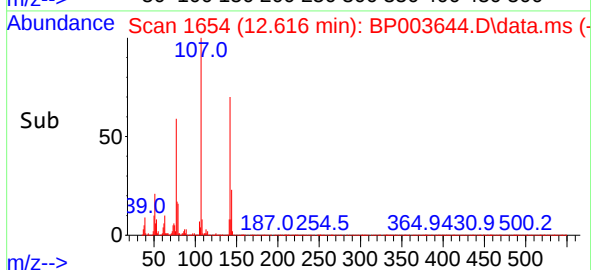
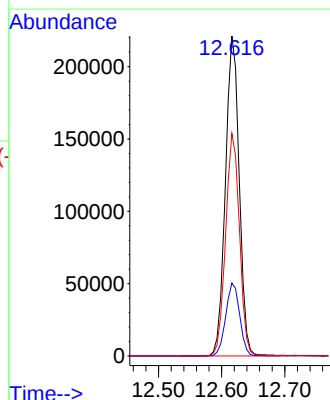
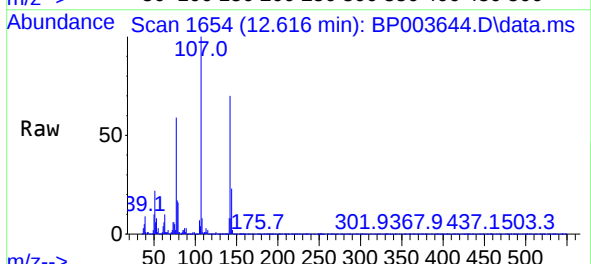
Instrument :  
BNA\_P  
ClientSampleId :  
PB132419BSD

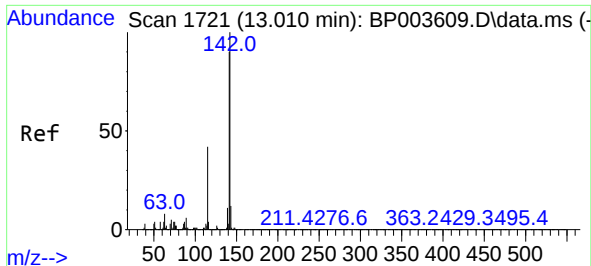
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 113   | Resp: | 90989  |
| Ion      | Ratio | Lower | Upper  |
| 113      | 100   |       |        |
| 55       | 139.7 | 77.3  | 117.3# |
| 56       | 116.3 | 55.9  | 95.9#  |



#36  
4-Chloro-3-methylphenol  
Concen: 48.96 ng  
RT: 12.616 min Scan# 1654  
Delta R.T. 0.000 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 335590 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 144      | 22.8  | 22.7  | 34.1   |
| 142      | 69.5  | 70.7  | 106.1# |

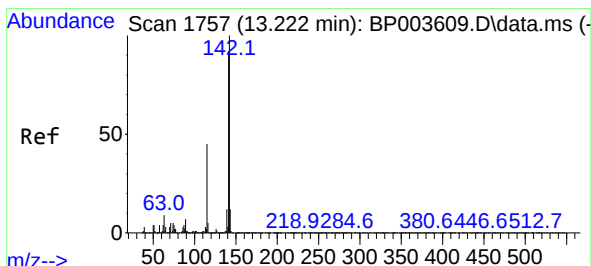
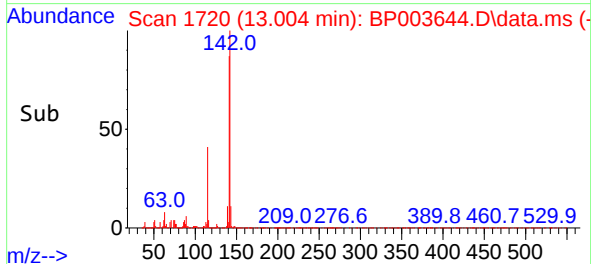
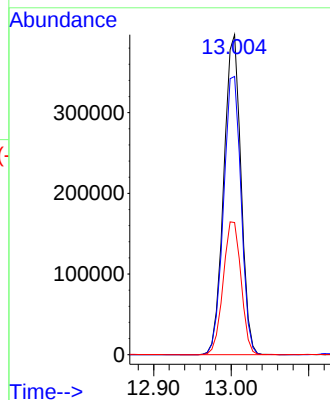
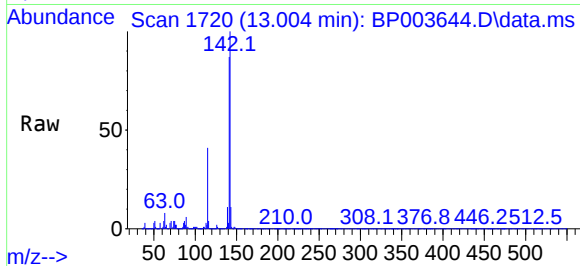




#37  
2-Methylnaphthalene  
Concen: 42.16 ng  
RT: 13.004 min Scan# 1720  
Delta R.T. -0.006 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

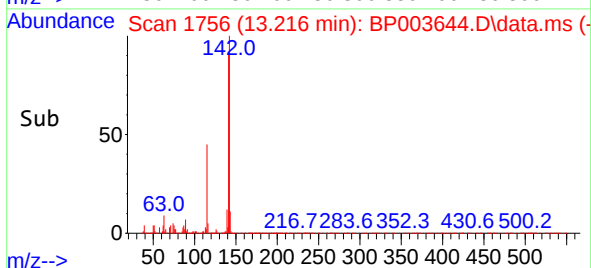
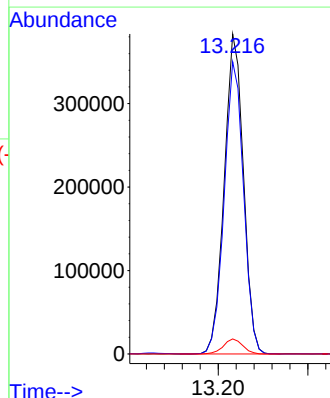
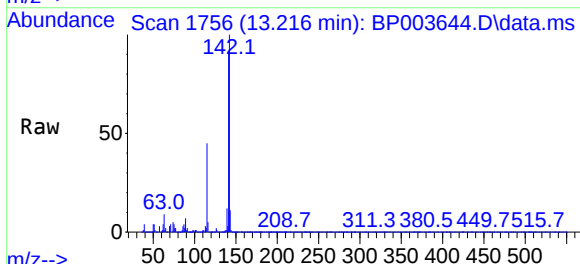
Instrument :  
BNA\_P  
ClientSampleId :  
PB132419BSD

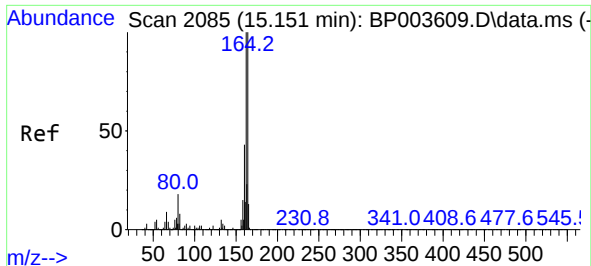
Tgt Ion:142 Resp: 610042  
Ion Ratio Lower Upper  
142 100  
141 87.0 71.4 107.2  
115 41.3 25.8 38.6#



#38  
1-Methylnaphthalene  
Concen: 41.73 ng  
RT: 13.216 min Scan# 1756  
Delta R.T. -0.006 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

Tgt Ion:142 Resp: 567676  
Ion Ratio Lower Upper  
142 100  
141 91.3 74.4 111.6  
116 4.7 2.9 4.3#

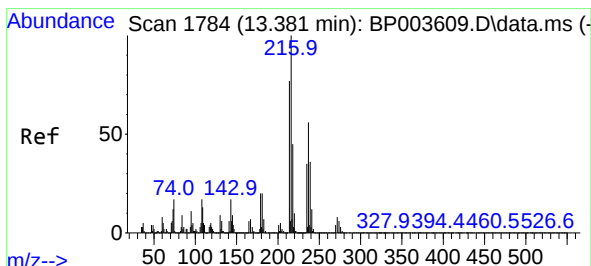
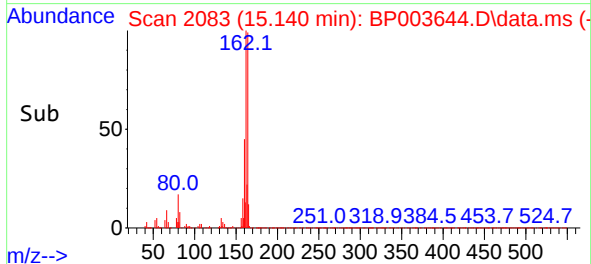
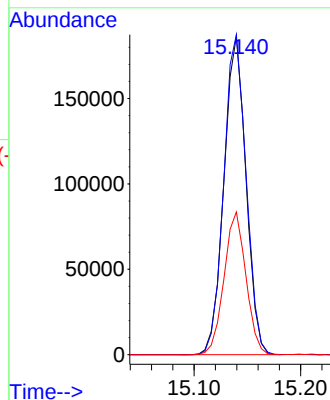
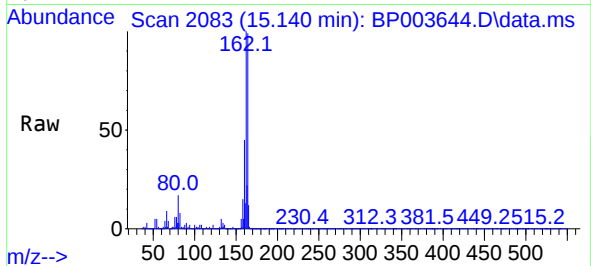




#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 15.140 min Scan# 2083  
Delta R.T. -0.011 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

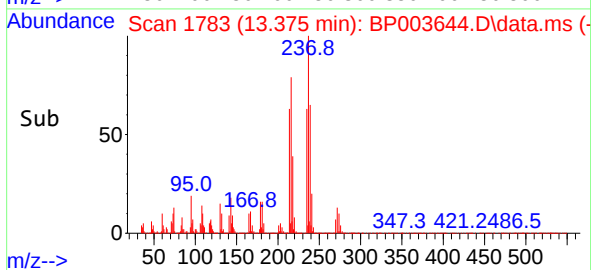
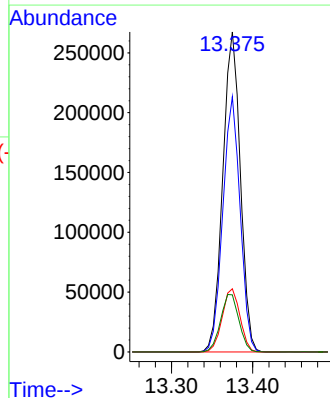
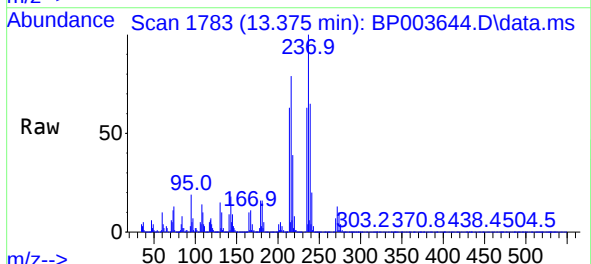
Instrument :  
BNA\_P  
ClientSampleId :  
PB132419BSD

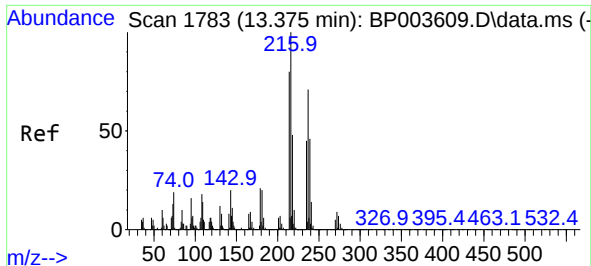
Tgt Ion:164 Resp: 266814  
Ion Ratio Lower Upper  
164 100  
162 100.5 79.4 119.2  
160 44.8 36.1 54.1



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 39.80 ng  
RT: 13.375 min Scan# 1783  
Delta R.T. -0.006 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

Tgt Ion:216 Resp: 402644  
Ion Ratio Lower Upper  
216 100  
214 78.5 63.0 94.6  
179 20.0 16.9 25.3  
108 18.8 12.6 19.0

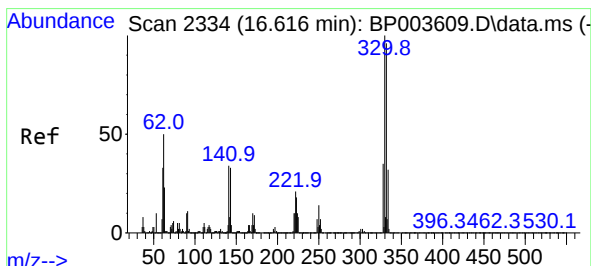
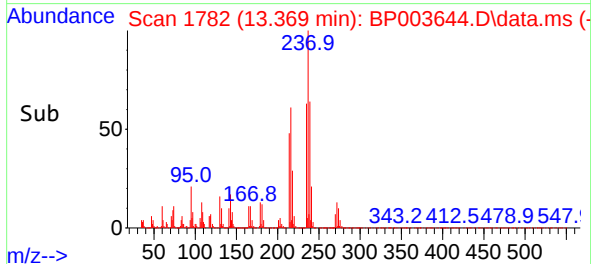
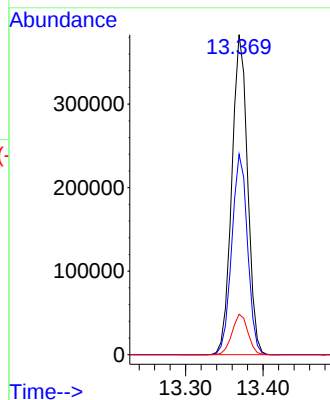
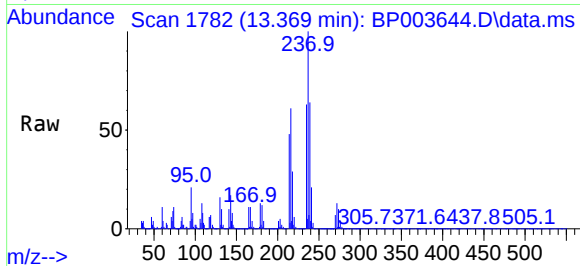




#41  
Hexachlorocyclopentadiene  
Concen: 95.86 ng  
RT: 13.369 min Scan# 1782  
Delta R.T. -0.006 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

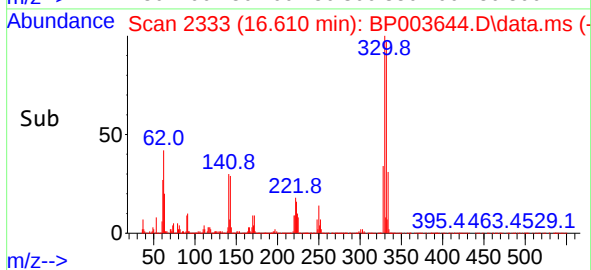
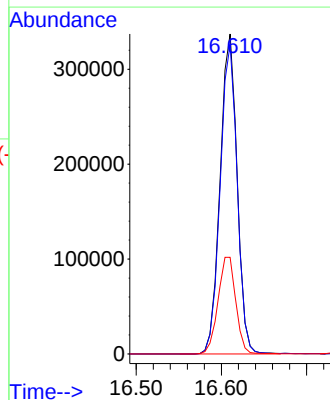
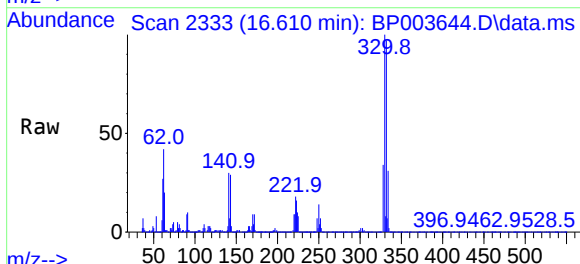
Instrument :  
BNA\_P  
ClientSampleId :  
PB132419BSD

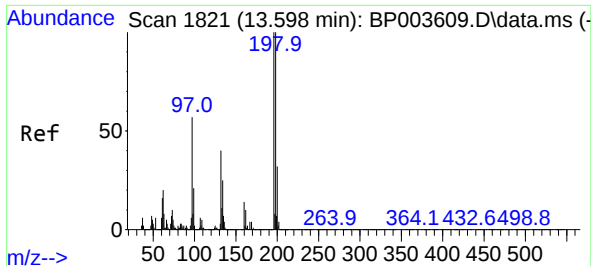
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 237   | Resp: | 540431 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 62.7  | 43.2  | 83.2   |
| 272       | 12.6  | 0.0   | 33.3   |



#42  
2,4,6-Tribromophenol  
Concen: 131.42 ng  
RT: 16.610 min Scan# 2333  
Delta R.T. -0.006 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 467493 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 96.7  | 77.1  | 115.7  |
| 141       | 31.8  | 23.4  | 35.2   |

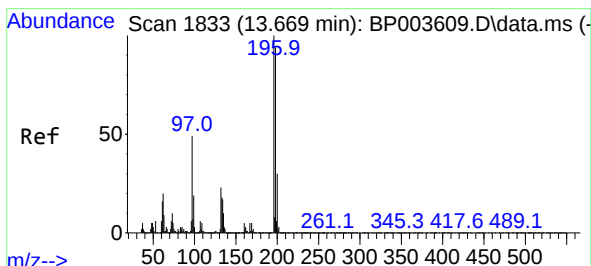
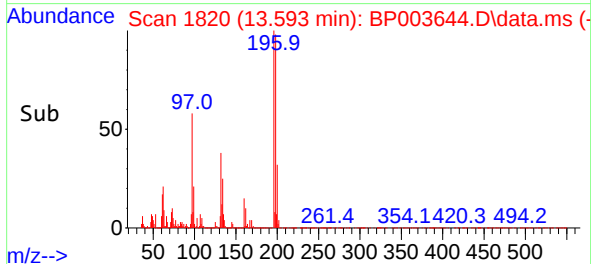
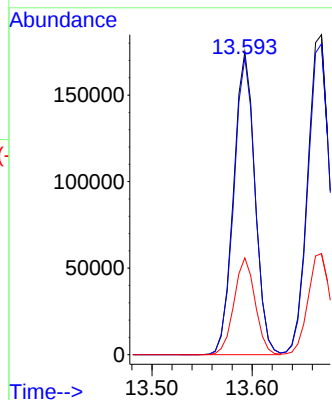
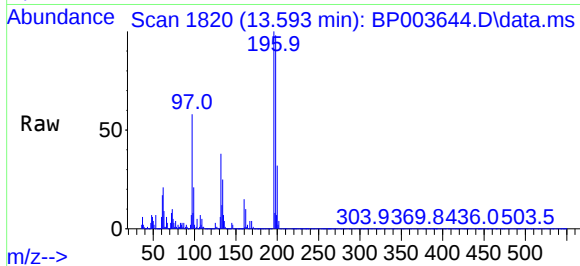




#43  
2,4,6-Trichlorophenol  
Concen: 46.27 ng  
RT: 13.593 min Scan# 1820  
Delta R.T. -0.006 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

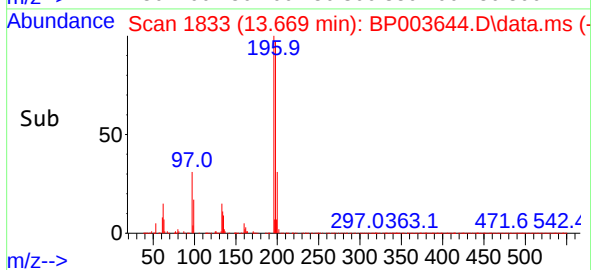
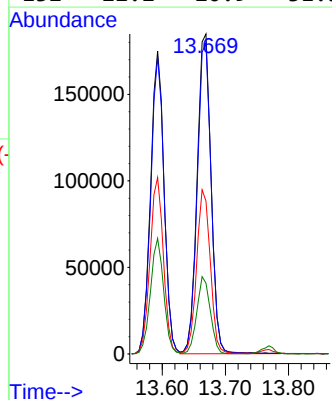
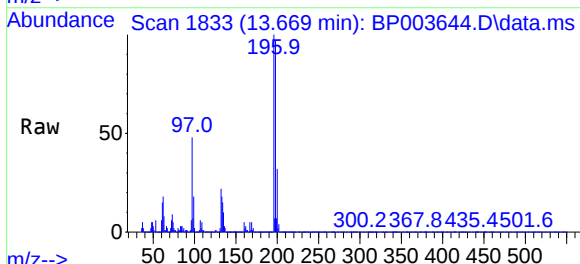
Instrument :  
BNA\_P  
ClientSampleId :  
PB132419BSD

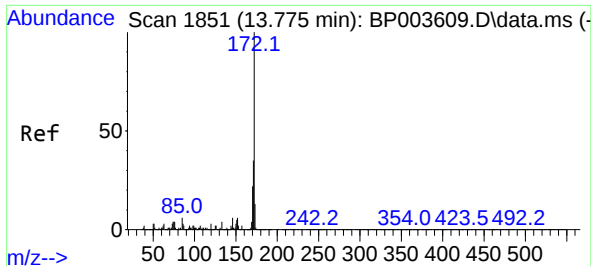
Tgt Ion:196 Resp: 259571  
Ion Ratio Lower Upper  
196 100  
198 98.1 77.0 115.6  
200 32.0 25.1 37.7



#44  
2,4,5-Trichlorophenol  
Concen: 48.10 ng  
RT: 13.669 min Scan# 1833  
Delta R.T. 0.000 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

Tgt Ion:196 Resp: 283384  
Ion Ratio Lower Upper  
196 100  
198 97.2 77.3 115.9  
97 47.8 31.0 46.4#  
132 22.2 20.9 31.3



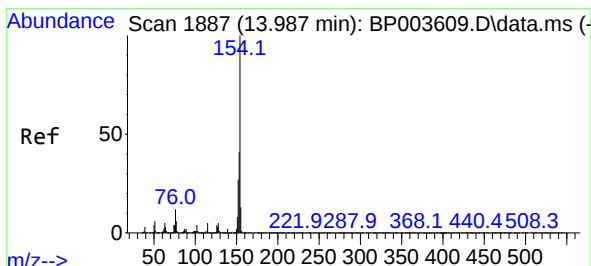
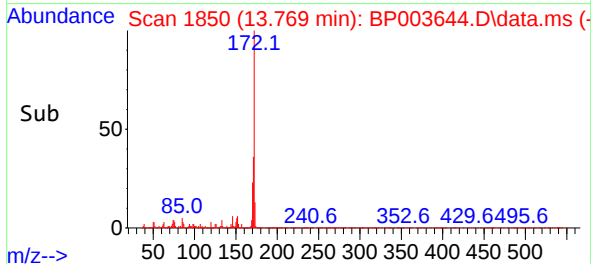
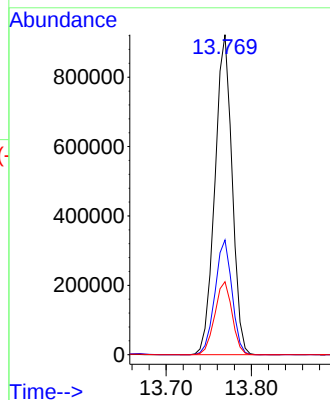
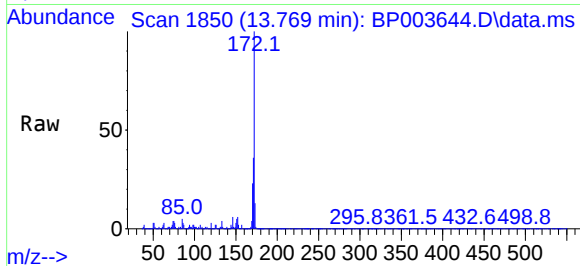


#45  
2-Fluorobiphenyl  
Concen: 63.52 ng  
RT: 13.769 min Scan# 1850  
Delta R.T. -0.006 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

Instrument :  
BNA\_P  
ClientSampleId :  
PB132419BSD

Tgt Ion:172 Resp: 1291805

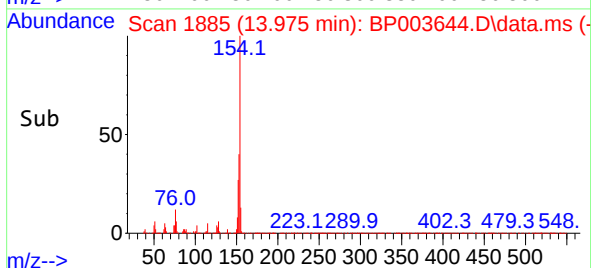
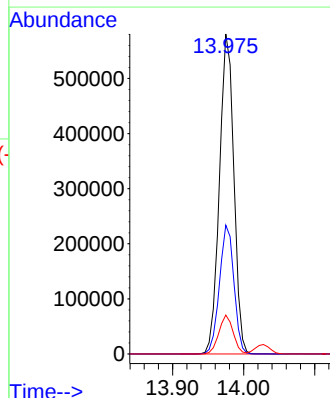
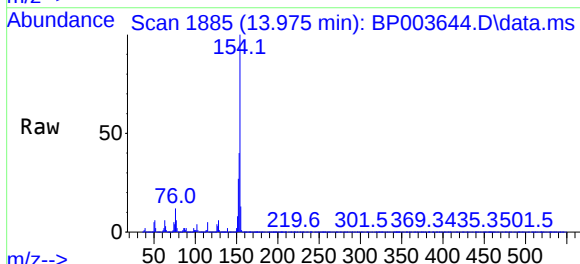
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 35.9  | 28.5  | 42.7  |
| 170 | 22.8  | 19.2  | 28.8  |

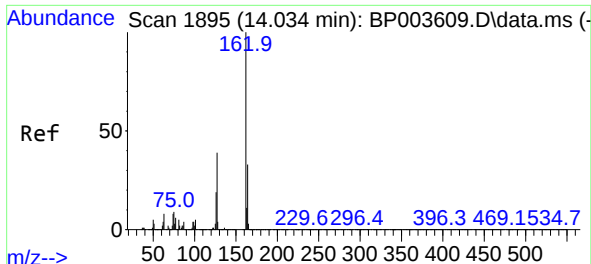


#46  
1,1'-Biphenyl  
Concen: 39.52 ng  
RT: 13.975 min Scan# 1885  
Delta R.T. -0.012 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

Tgt Ion:154 Resp: 814766

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 40.3  | 20.4  | 60.4  |
| 76  | 12.1  | 0.0   | 29.3  |

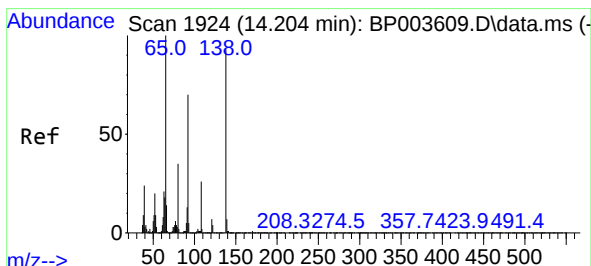
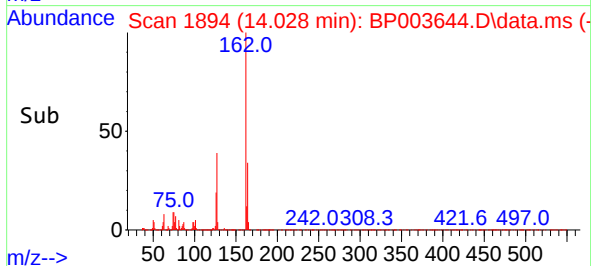
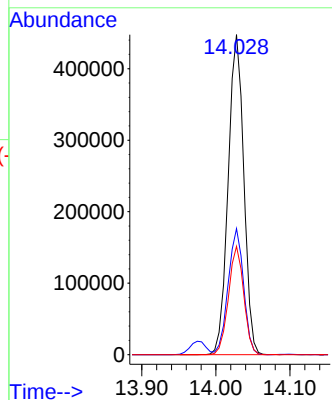
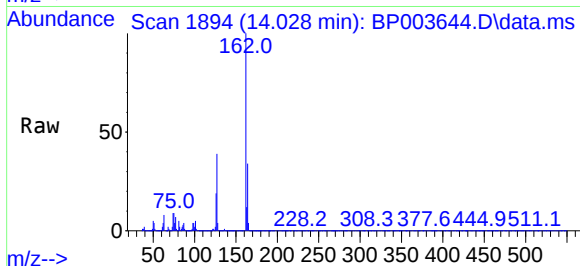




#47  
2-Chloronaphthalene  
Concen: 38.12 ng  
RT: 14.028 min Scan# 1894  
Delta R.T. -0.006 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

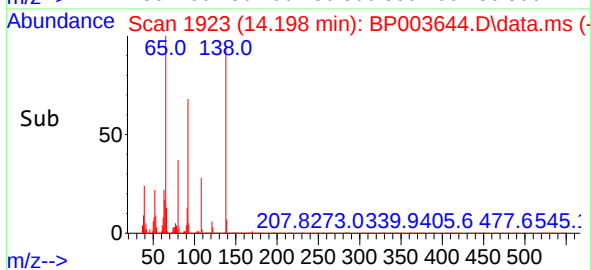
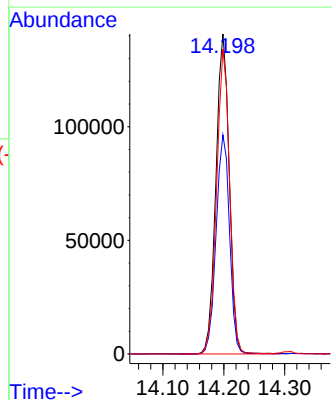
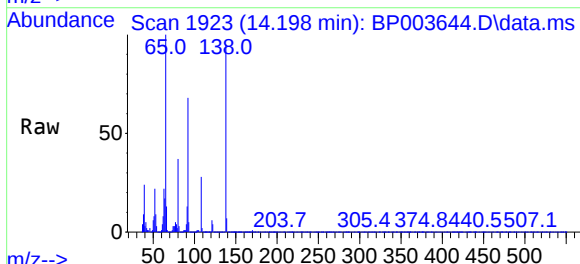
Instrument :  
BNA\_P  
ClientSampleId :  
PB132419BSD

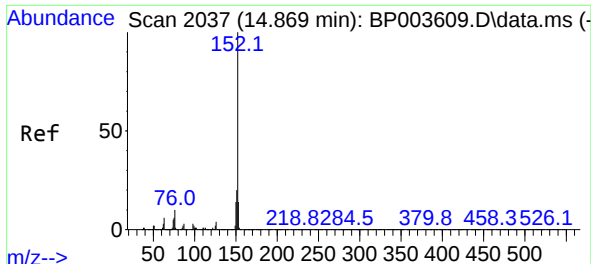
Tgt Ion:162 Resp: 654315  
Ion Ratio Lower Upper  
162 100  
127 39.4 29.9 44.9  
164 33.9 26.1 39.1



#48  
2-Nitroaniline  
Concen: 44.07 ng  
RT: 14.198 min Scan# 1923  
Delta R.T. -0.006 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

Tgt Ion: 65 Resp: 213324  
Ion Ratio Lower Upper  
65 100  
92 68.4 70.6 106.0#  
138 95.3 133.6 200.4#

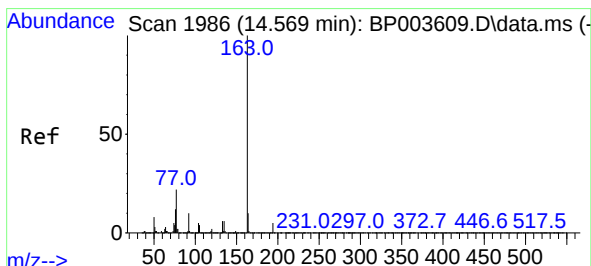
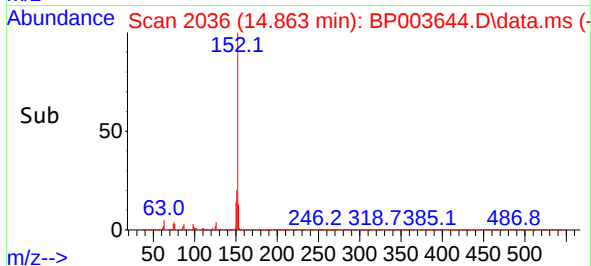
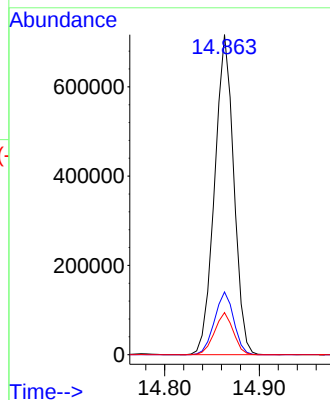
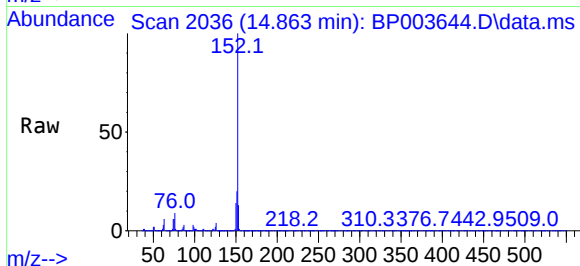




#49  
Acenaphthylene  
Concen: 40.23 ng  
RT: 14.863 min Scan# 2036  
Delta R.T. -0.006 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

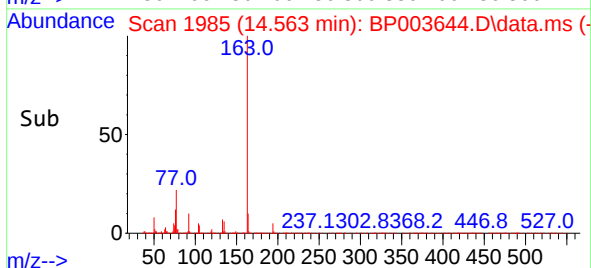
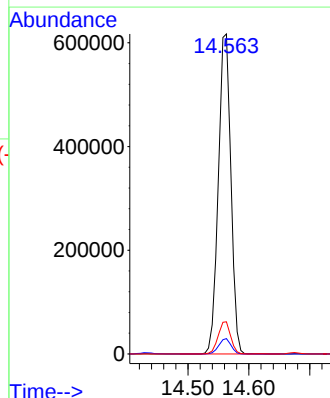
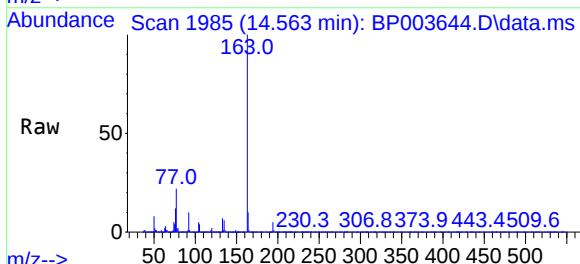
Instrument :  
BNA\_P  
ClientSampleId :  
PB132419BSD

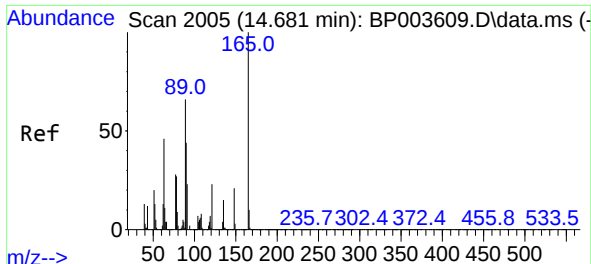
Tgt Ion:152 Resp: 1005889  
Ion Ratio Lower Upper  
152 100  
151 19.6 15.9 23.9  
153 13.1 10.5 15.7



#50  
Dimethylphthalate  
Concen: 40.38 ng  
RT: 14.563 min Scan# 1985  
Delta R.T. -0.006 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

Tgt Ion:163 Resp: 884619  
Ion Ratio Lower Upper  
163 100  
194 4.8 3.3 4.9  
164 10.0 8.2 12.2

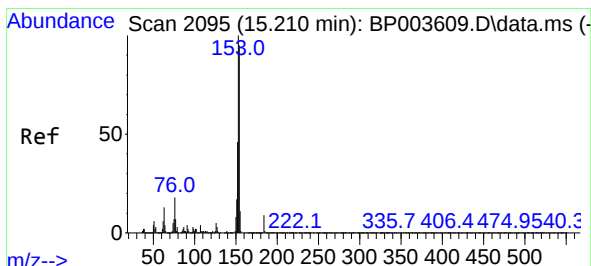
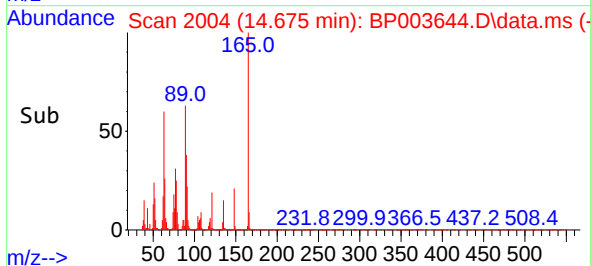
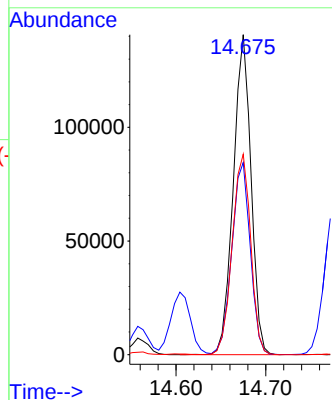
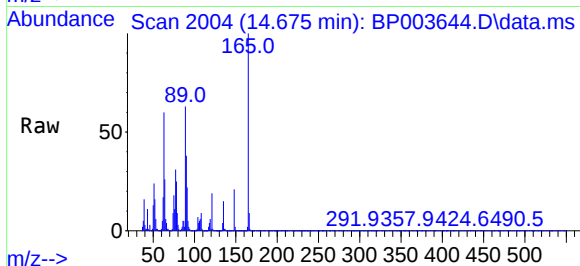




#51  
2,6-Dinitrotoluene  
Concen: 48.79 ng  
RT: 14.675 min Scan# 2004  
Delta R.T. -0.006 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

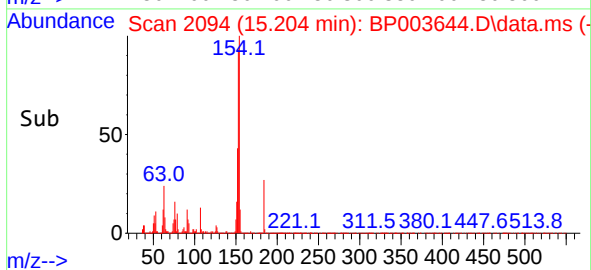
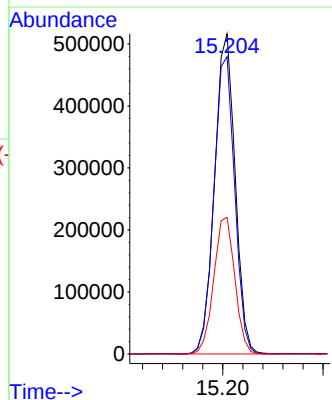
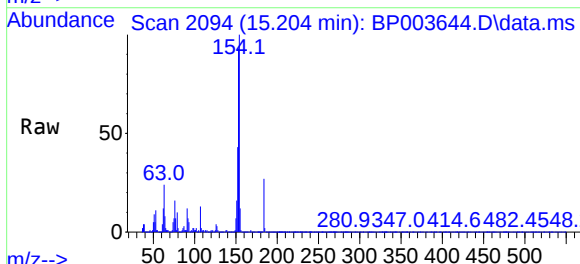
Instrument :  
BNA\_P  
ClientSampleId :  
PB132419BSD

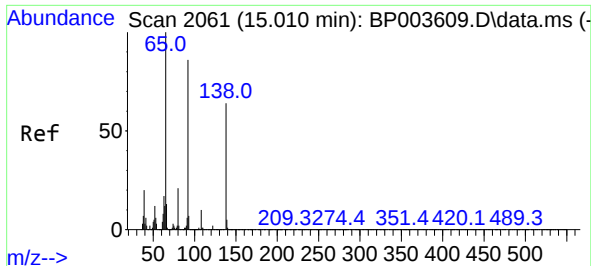
Tgt Ion:165 Resp: 192505  
Ion Ratio Lower Upper  
165 100  
63 60.1 27.8 41.6#  
89 62.7 34.6 52.0#



#52  
Acenaphthene  
Concen: 45.13 ng  
RT: 15.204 min Scan# 2094  
Delta R.T. -0.006 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

Tgt Ion:154 Resp: 735103  
Ion Ratio Lower Upper  
154 100  
153 92.9 91.0 136.6  
152 42.7 43.0 64.6#

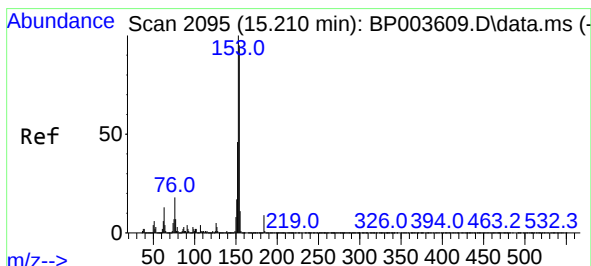
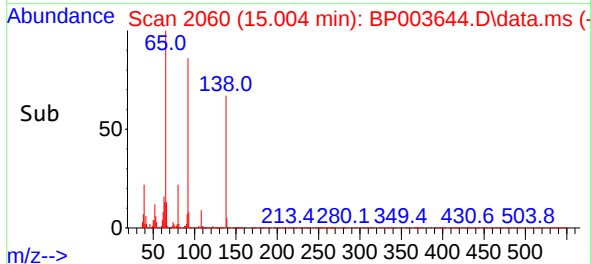
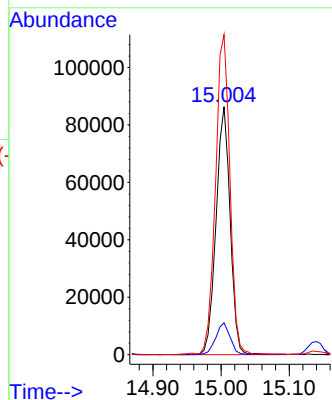
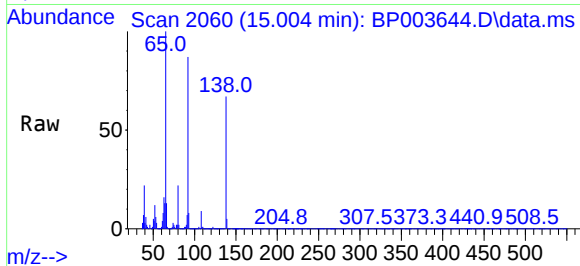




#53  
3-Nitroaniline  
Concen: 31.22 ng  
RT: 15.004 min Scan# 2060  
Delta R.T. -0.006 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

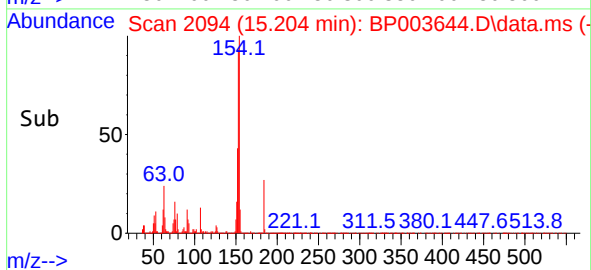
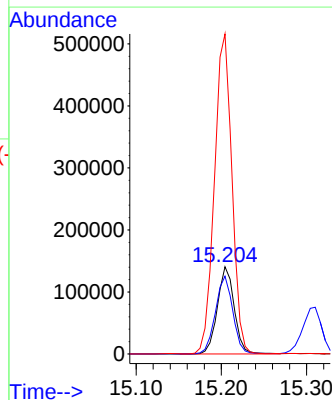
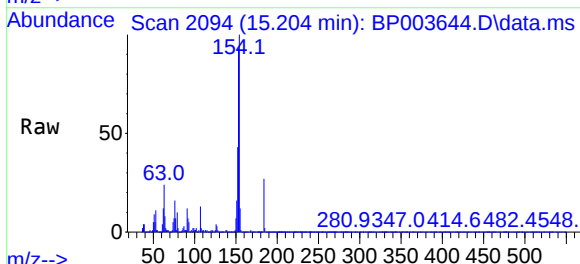
Instrument :  
BNA\_P  
ClientSampleId :  
PB132419BSD

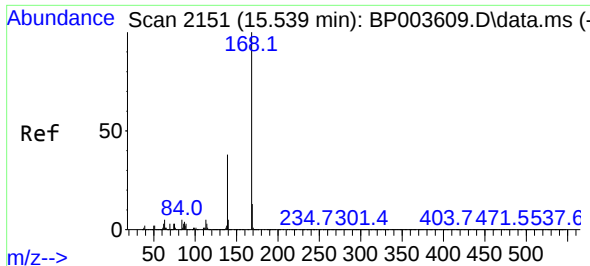
Tgt Ion:138 Resp: 124200  
Ion Ratio Lower Upper  
138 100  
108 12.9 7.5 11.3#  
92 129.0 75.0 112.6#



#54  
2,4-Dinitrophenol  
Concen: 90.63 ng  
RT: 15.204 min Scan# 2094  
Delta R.T. -0.006 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

Tgt Ion:184 Resp: 193574  
Ion Ratio Lower Upper  
184 100  
63 89.3 32.3 48.5#  
154 367.2 49.1 73.7#

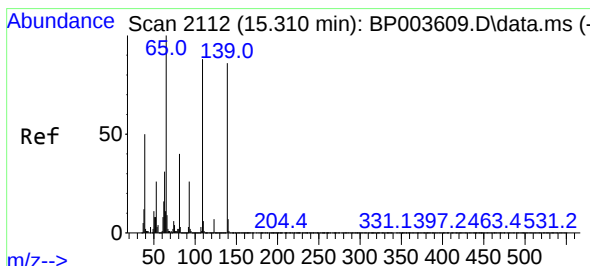
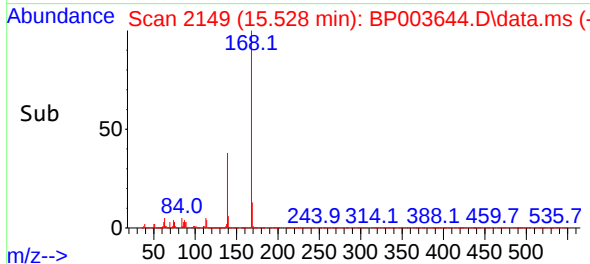
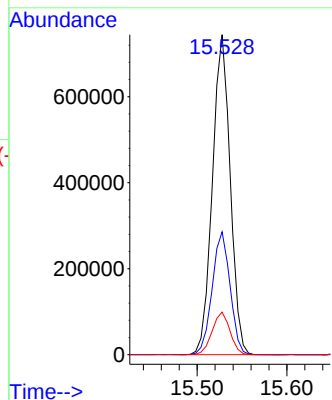
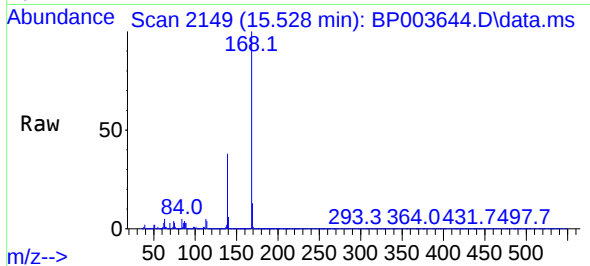




#55  
Dibenzofuran  
Concen: 40.46 ng  
RT: 15.528 min Scan# 2149  
Delta R.T. -0.012 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

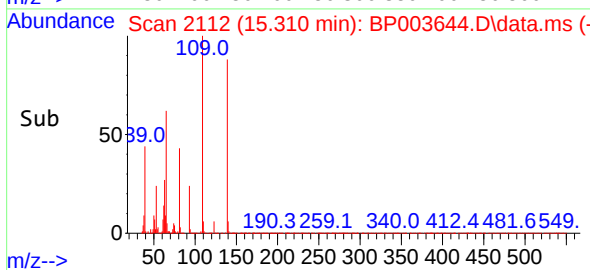
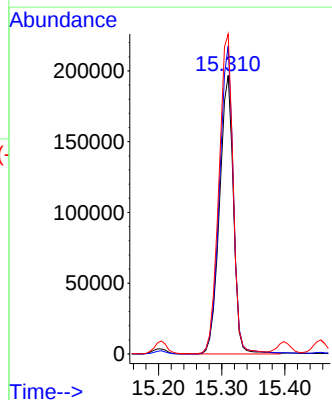
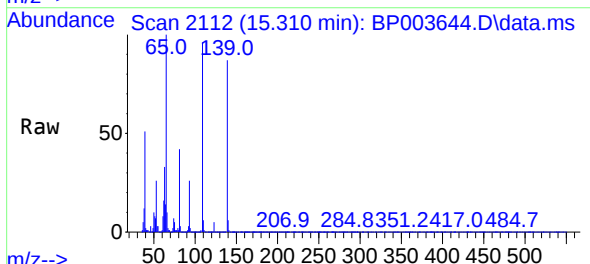
Instrument :  
BNA\_P  
ClientSampleId :  
PB132419BSD

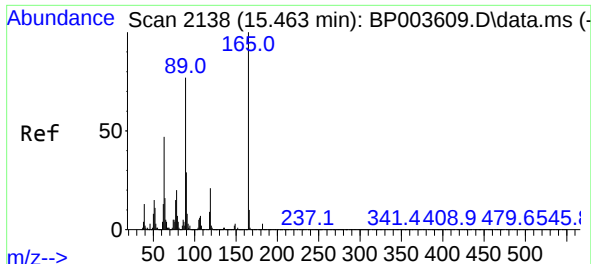
Tgt Ion:168 Resp: 1024220  
Ion Ratio Lower Upper  
168 100  
139 38.4 29.1 43.7  
169 13.3 10.4 15.6



#56  
4-Nitrophenol  
Concen: 105.63 ng  
RT: 15.310 min Scan# 2112  
Delta R.T. 0.000 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

Tgt Ion:139 Resp: 301724  
Ion Ratio Lower Upper  
139 100  
109 110.6 44.6 84.6#  
65 114.9 41.6 81.6#

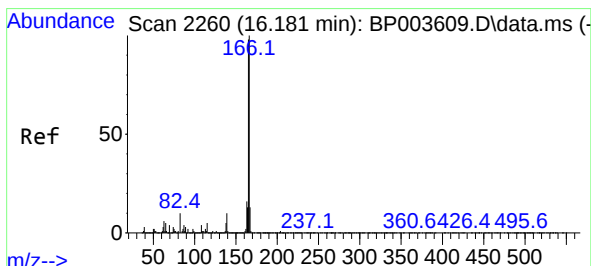
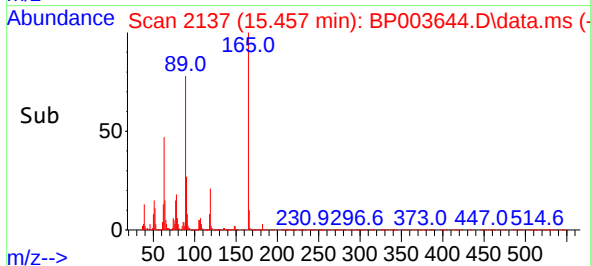
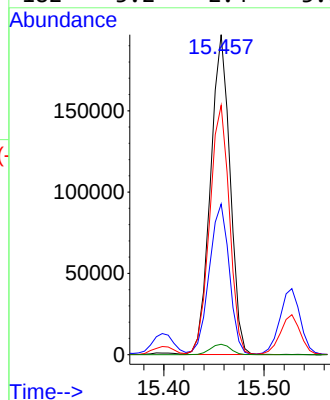
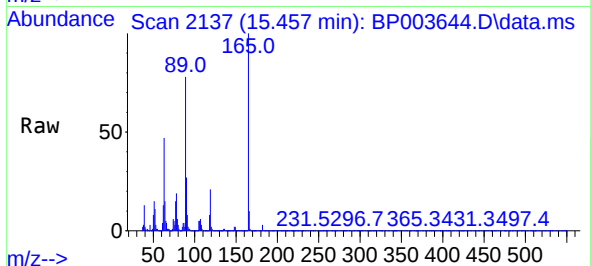




#57  
2,4-Dinitrotoluene  
Concen: 46.56 ng  
RT: 15.457 min Scan# 2137  
Delta R.T. -0.006 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

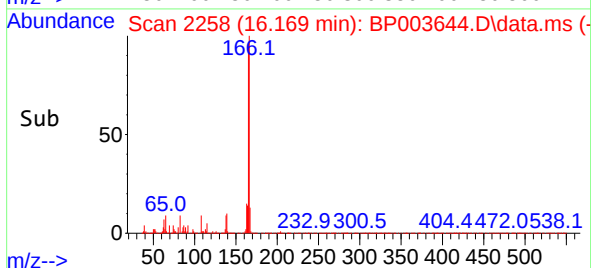
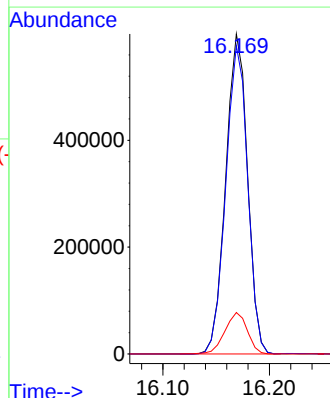
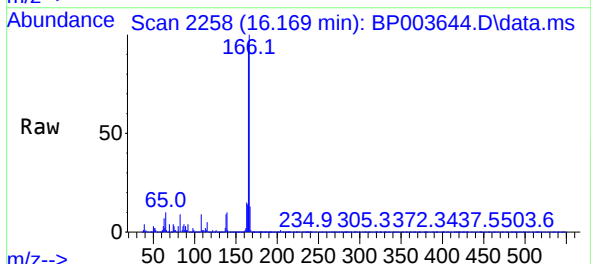
Instrument :  
BNA\_P  
ClientSampleId :  
PB132419BSD

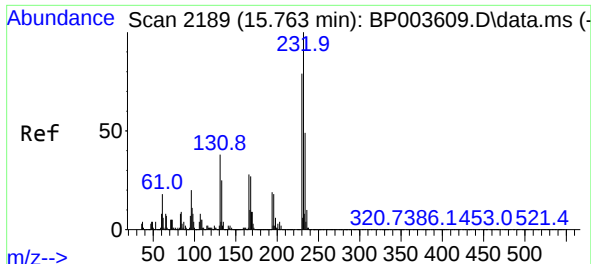
Tgt Ion:165 Resp: 267017  
Ion Ratio Lower Upper  
165 100  
63 47.1 20.6 31.0#  
89 77.9 42.6 63.8#  
182 3.2 2.4 3.6



#58  
Fluorene  
Concen: 41.48 ng  
RT: 16.169 min Scan# 2258  
Delta R.T. -0.012 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

Tgt Ion:166 Resp: 849644  
Ion Ratio Lower Upper  
166 100  
165 96.3 77.8 116.8  
167 13.0 11.0 16.4



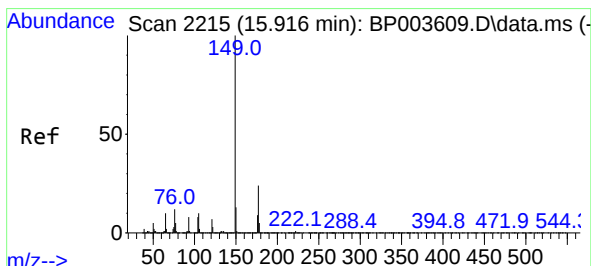
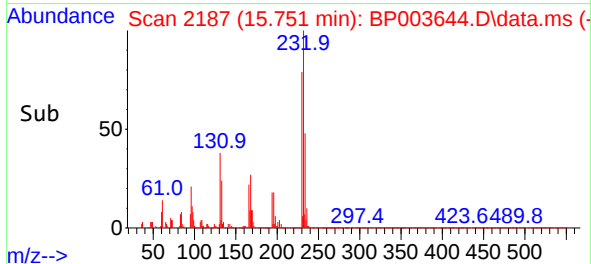
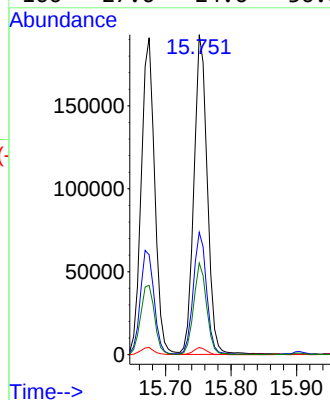
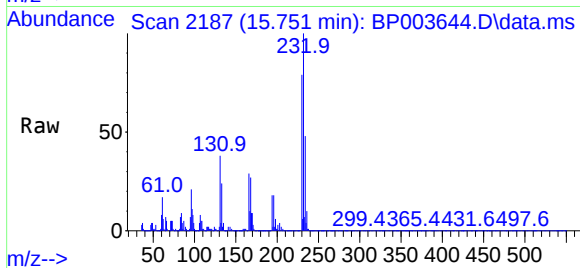


#59  
2,3,4,6-Tetrachlorophenol  
Concen: 50.28 ng  
RT: 15.751 min Scan# 2187  
Delta R.T. -0.012 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

Instrument :  
BNA\_P  
ClientSampleId :  
PB132419BSD

Tgt Ion:232 Resp: 272396

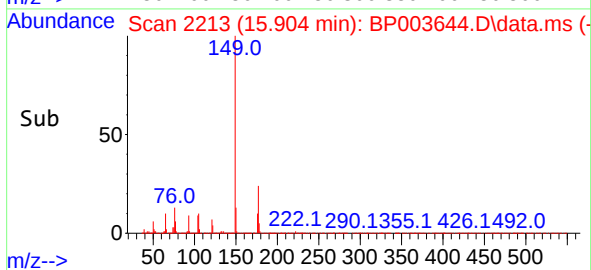
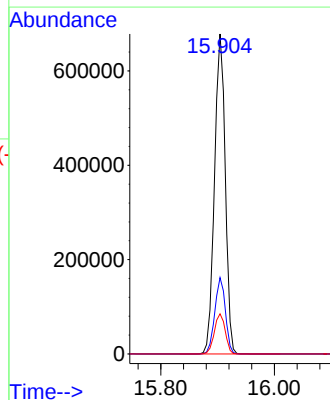
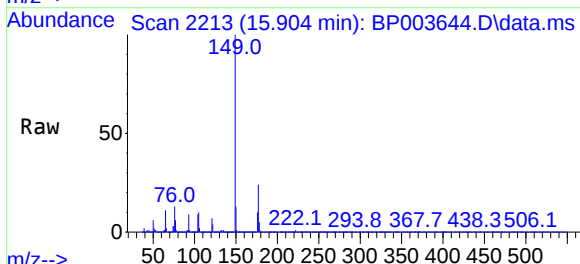
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 232 | 100   |       |       |
| 131 | 38.2  | 34.1  | 51.1  |
| 130 | 2.2   | 1.8   | 2.8   |
| 166 | 27.6  | 24.6  | 36.8  |

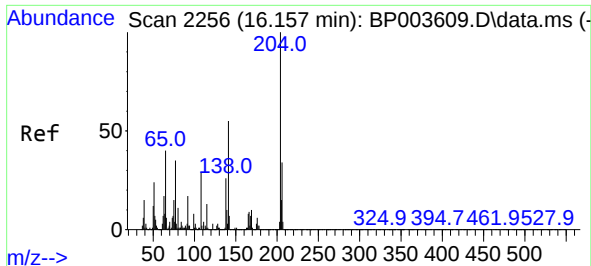


#60  
Diethylphthalate  
Concen: 41.14 ng  
RT: 15.904 min Scan# 2213  
Delta R.T. -0.012 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

Tgt Ion:149 Resp: 885907

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 177 | 23.8  | 18.0  | 27.0  |
| 150 | 12.5  | 10.0  | 15.0  |

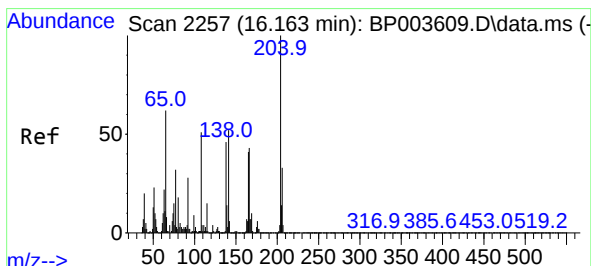
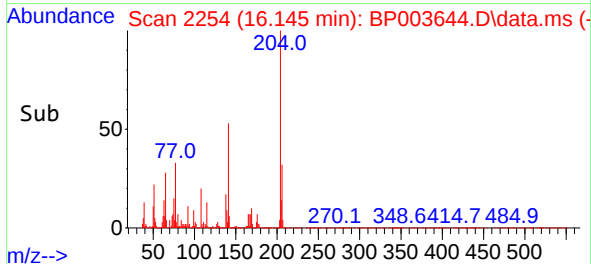
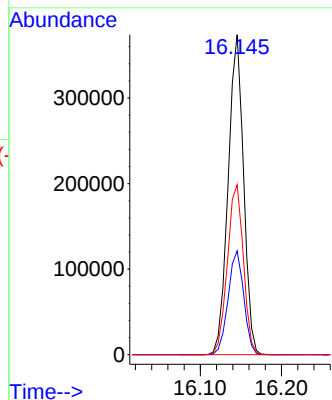
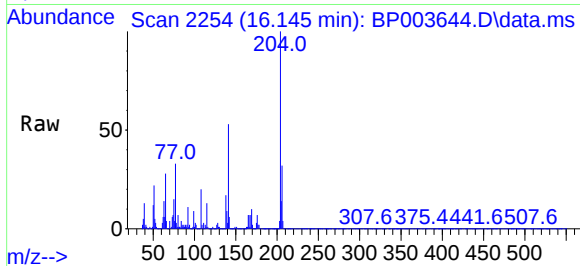




#61  
4-Chlorophenyl-phenylether  
Concen: 40.72 ng  
RT: 16.145 min Scan# 2254  
Delta R.T. -0.012 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

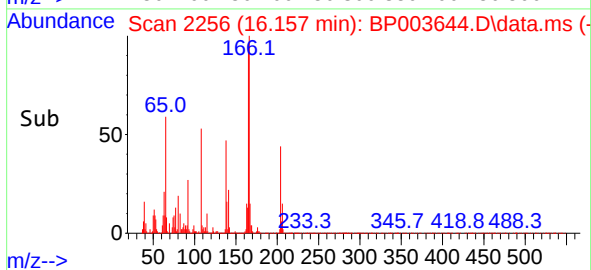
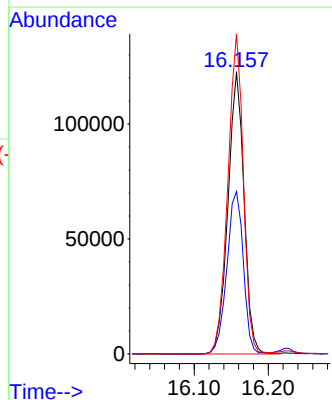
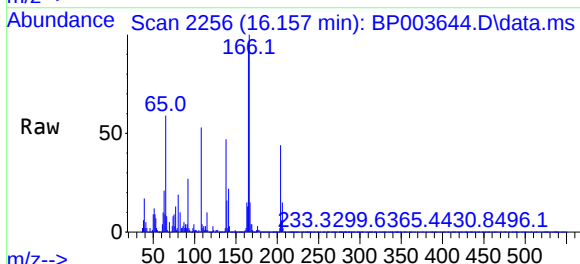
Instrument :  
BNA\_P  
ClientSampleId :  
PB132419BSD

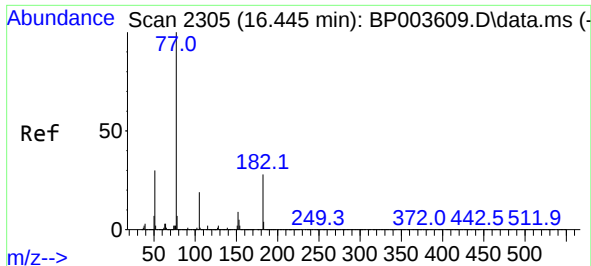
Tgt Ion:204 Resp: 494089  
Ion Ratio Lower Upper  
204 100  
206 32.4 25.9 38.9  
141 53.1 46.5 69.7



#62  
4-Nitroaniline  
Concen: 41.78 ng  
RT: 16.157 min Scan# 2256  
Delta R.T. -0.006 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

Tgt Ion:138 Resp: 184942  
Ion Ratio Lower Upper  
138 100  
92 57.5 20.7 60.7  
108 113.4 47.8 87.8#



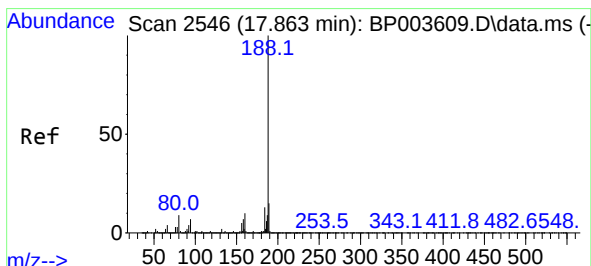
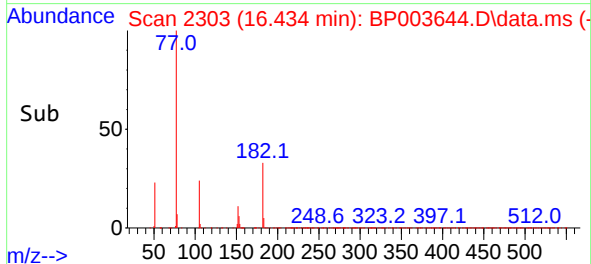
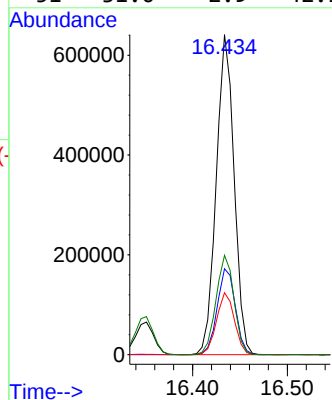
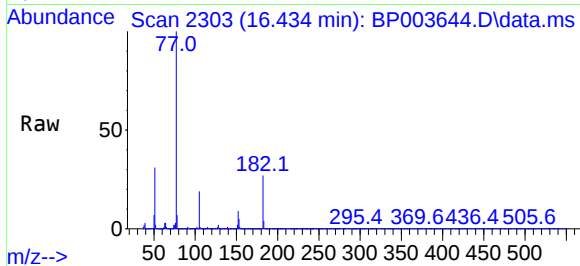


#63  
Azobenzene  
Concen: 40.55 ng  
RT: 16.434 min Scan# 2303  
Delta R.T. -0.012 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

Instrument :  
BNA\_P  
ClientSampleId :  
PB132419BSD

Tgt Ion: 77 Resp: 840167

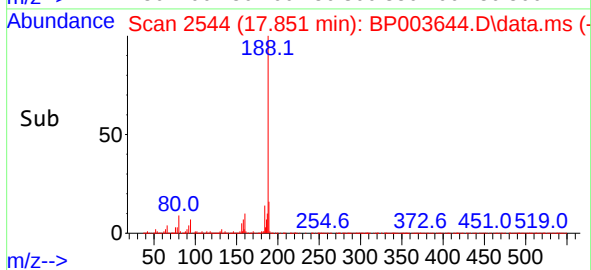
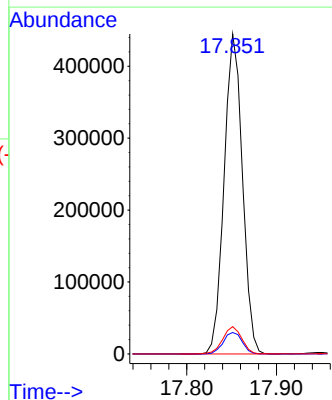
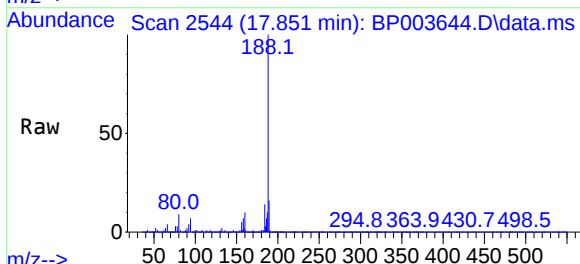
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 26.9  | 16.9  | 56.9  |
| 105 | 19.4  | 5.6   | 45.6  |
| 51  | 31.0  | 2.9   | 42.9  |

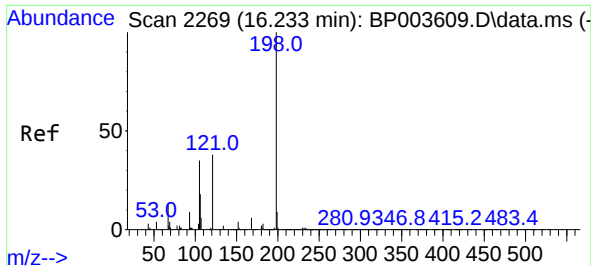


#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.851 min Scan# 2544  
Delta R.T. -0.012 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

Tgt Ion: 188 Resp: 629817

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 6.7   | 6.2   | 9.2   |
| 80  | 8.5   | 6.2   | 9.2   |

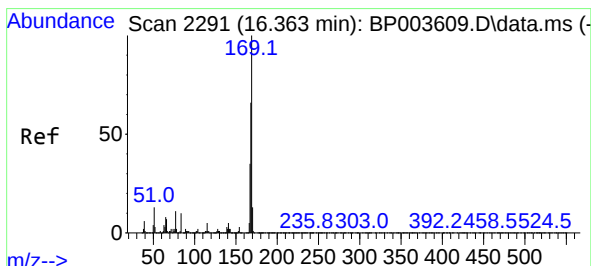
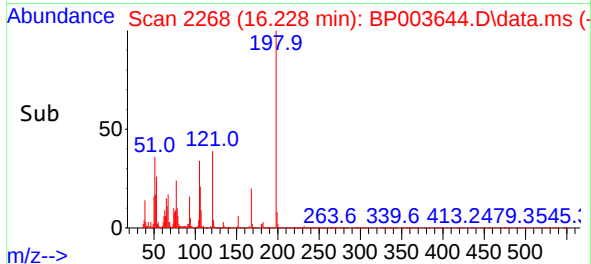
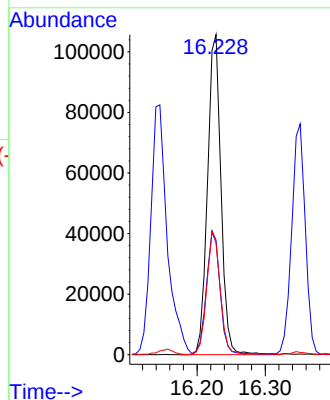
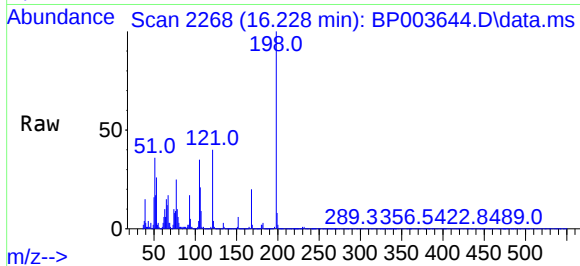




#65  
4,6-Dinitro-2-methylphenol  
Concen: 52.58 ng  
RT: 16.228 min Scan# 2268  
Delta R.T. -0.005 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

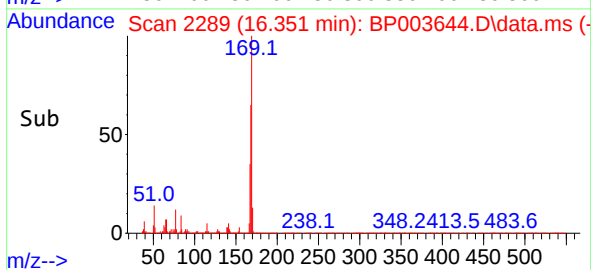
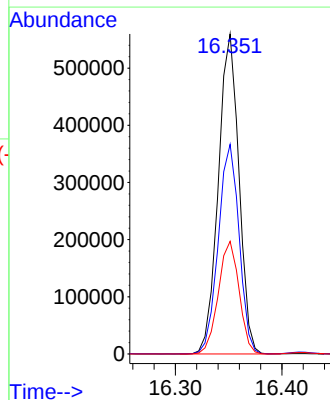
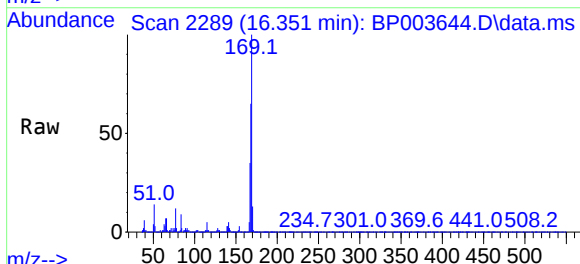
Instrument :  
BNA\_P  
ClientSampleId :  
PB132419BSD

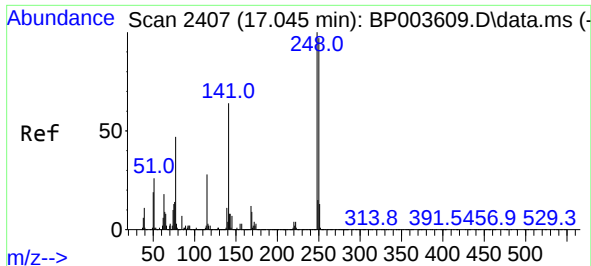
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:198 | Resp: | 145315    |
| Ion Ratio   | Lower | Upper     |
| 198         | 100   |           |
| 51          | 35.8  | 6.4 46.4  |
| 105         | 34.8  | 18.9 58.9 |



#66  
n-Nitrosodiphenylamine  
Concen: 39.90 ng  
RT: 16.351 min Scan# 2289  
Delta R.T. -0.012 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:169 | Resp: | 750501    |
| Ion Ratio   | Lower | Upper     |
| 169         | 100   |           |
| 168         | 65.5  | 53.8 80.6 |
| 167         | 35.2  | 28.9 43.3 |

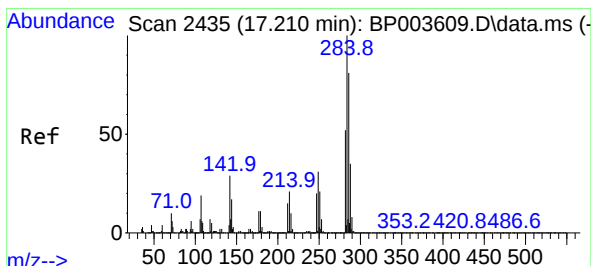
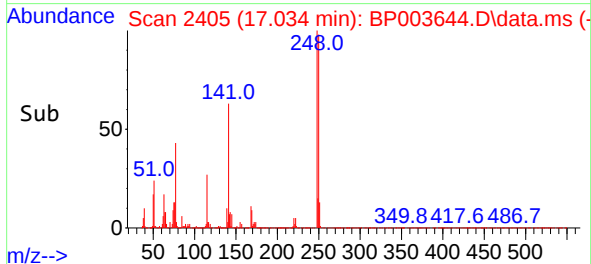
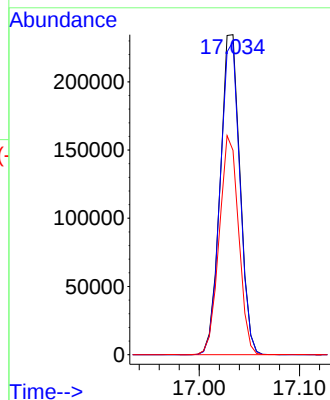
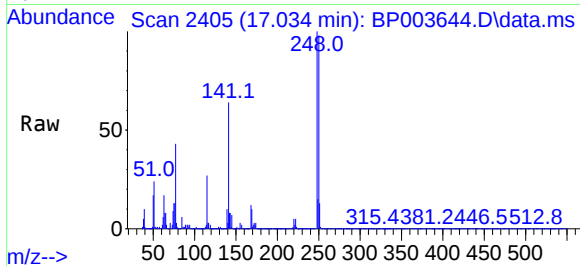




#67  
4-Bromophenyl-phenylether  
Concen: 38.82 ng  
RT: 17.034 min Scan# 2405  
Delta R.T. -0.012 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

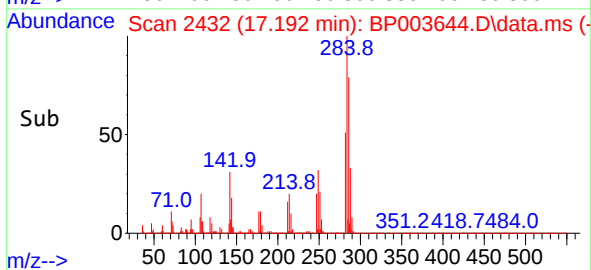
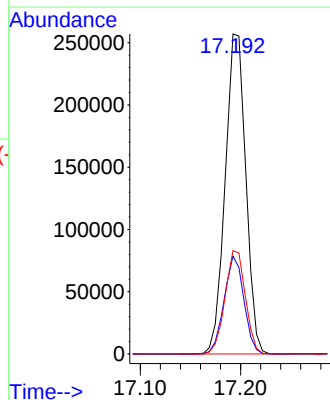
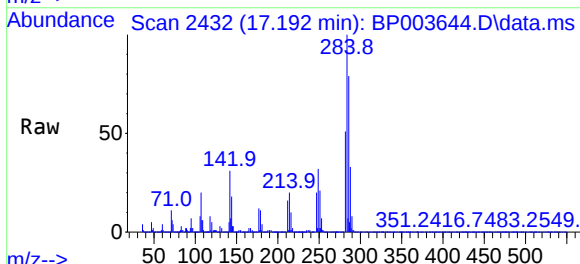
Instrument :  
BNA\_P  
ClientSampleId :  
PB132419BSD

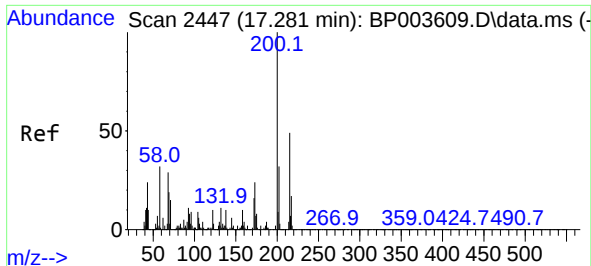
Tgt Ion:248 Resp: 320962  
Ion Ratio Lower Upper  
248 100  
250 97.8 76.7 115.1  
141 63.9 53.0 79.6



#68  
Hexachlorobenzene  
Concen: 38.82 ng  
RT: 17.192 min Scan# 2432  
Delta R.T. -0.018 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

Tgt Ion:284 Resp: 366513  
Ion Ratio Lower Upper  
284 100  
142 30.6 24.2 36.4  
249 32.3 23.8 35.8

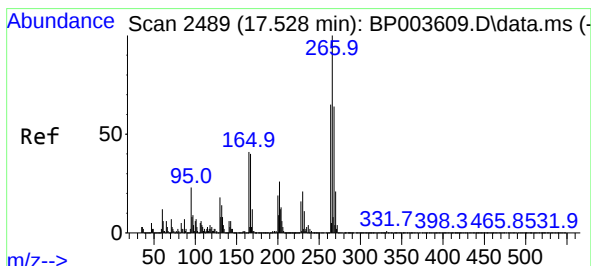
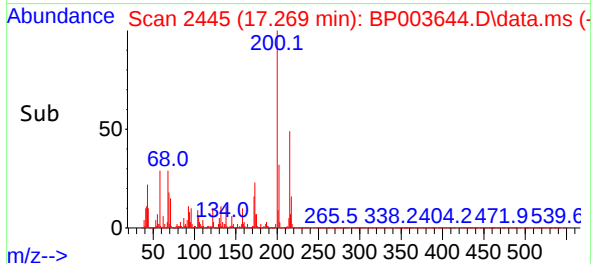
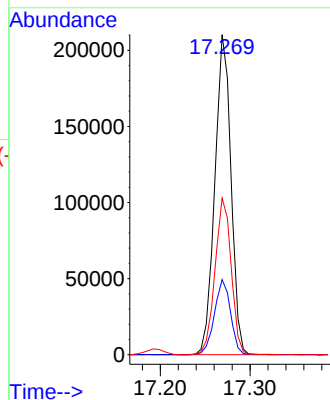
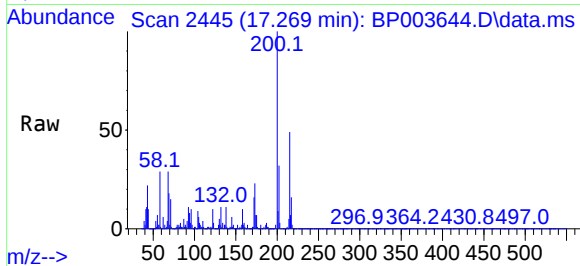




#69  
Atrazine  
Concen: 35.85 ng  
RT: 17.269 min Scan# 2445  
Delta R.T. -0.012 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

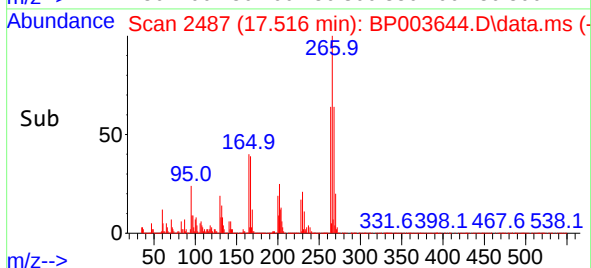
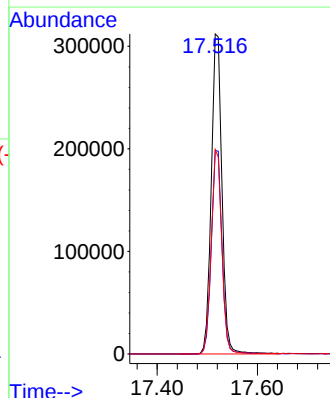
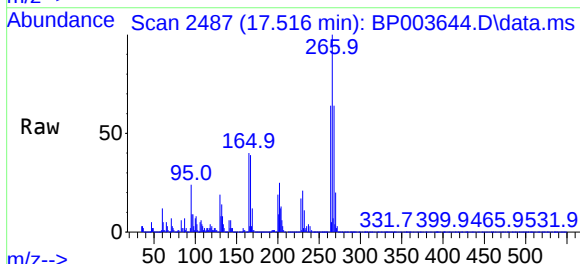
Instrument :  
BNA\_P  
ClientSampleId :  
PB132419BSD

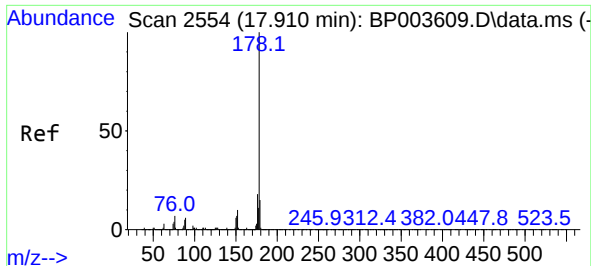
Tgt Ion:200 Resp: 262876  
Ion Ratio Lower Upper  
200 100  
173 23.4 5.9 45.9  
215 48.9 28.4 68.4



#70  
Pentachlorophenol  
Concen: 107.21 ng  
RT: 17.516 min Scan# 2487  
Delta R.T. -0.012 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

Tgt Ion:266 Resp: 460509  
Ion Ratio Lower Upper  
266 100  
268 63.6 51.1 76.7  
264 63.9 50.6 76.0

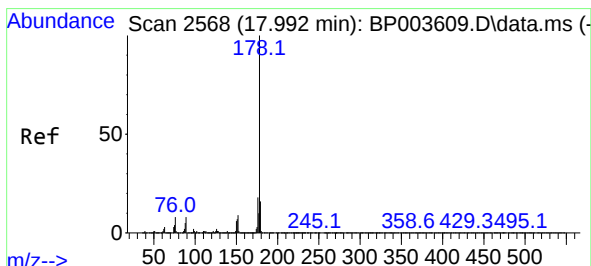
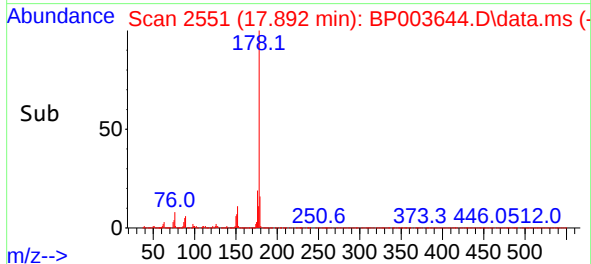
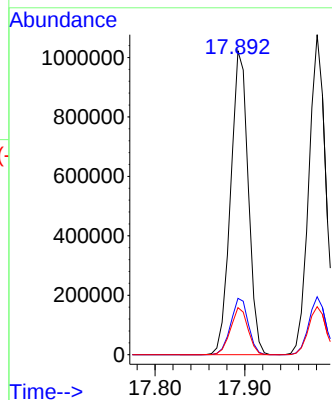
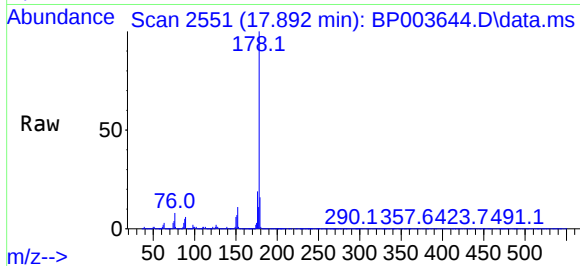




#71  
Phenanthrene  
Concen: 39.71 ng  
RT: 17.892 min Scan# 2551  
Delta R.T. -0.018 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

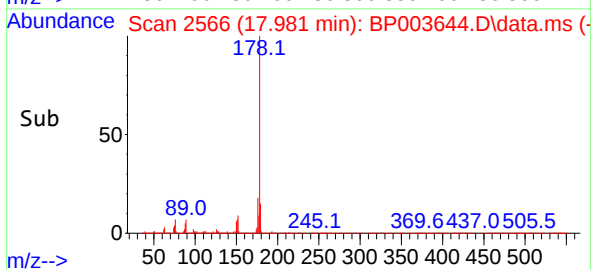
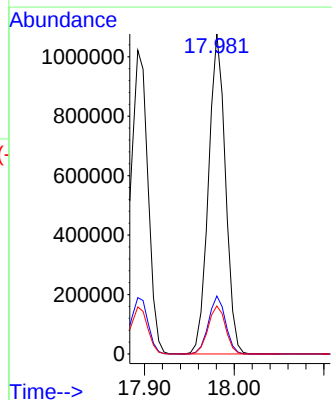
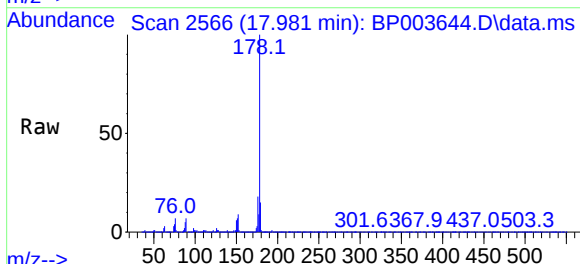
Instrument :  
BNA\_P  
ClientSampleId :  
PB132419BSD

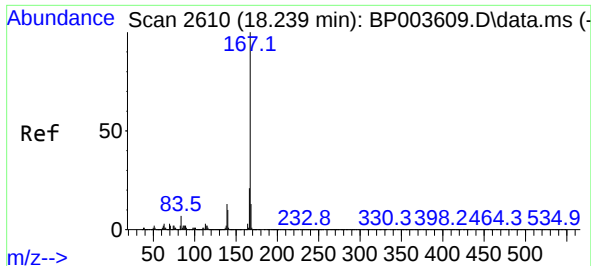
Tgt Ion:178 Resp: 1389386  
Ion Ratio Lower Upper  
178 100  
176 18.6 15.3 22.9  
179 15.5 12.5 18.7



#72  
Anthracene  
Concen: 41.35 ng  
RT: 17.981 min Scan# 2566  
Delta R.T. -0.012 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

Tgt Ion:178 Resp: 1411249  
Ion Ratio Lower Upper  
178 100  
176 18.1 15.0 22.4  
179 15.0 12.5 18.7



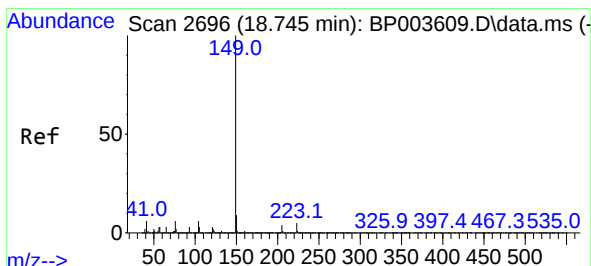
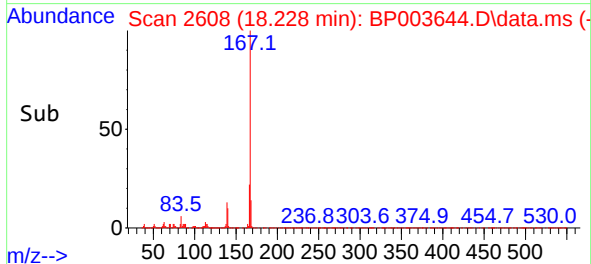
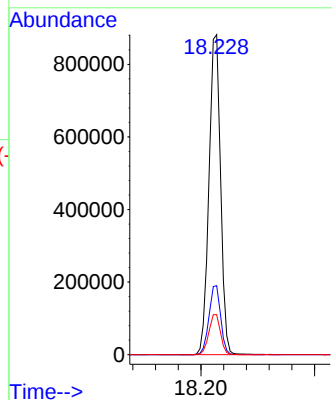
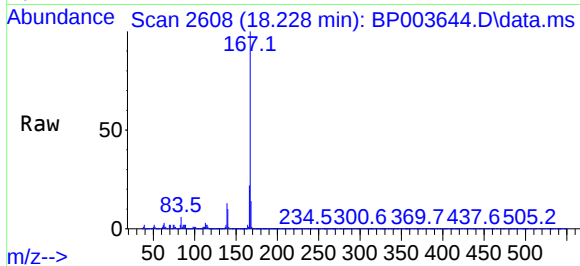


#73  
 Carbazole  
 Concen: 40.33 ng  
 RT: 18.228 min Scan# 2608  
 Delta R.T. -0.012 min  
 Lab File: BP003644.D  
 Acq: 16 Oct 2020 16:21

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB132419BSD

Tgt Ion:167 Resp: 1242888

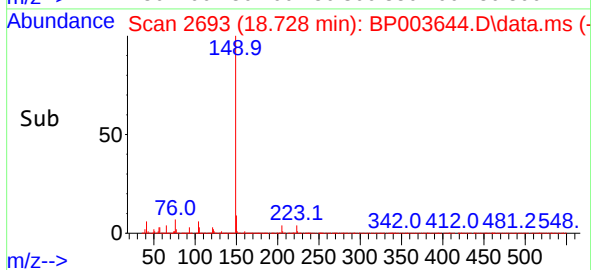
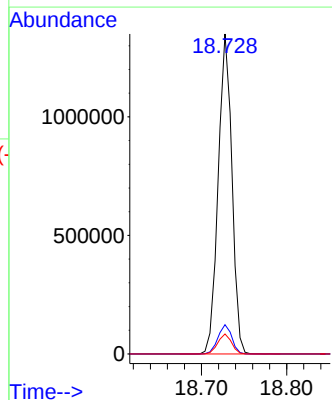
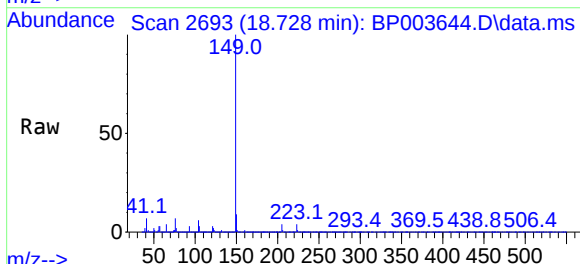
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 21.5  | 17.6  | 26.4  |
| 139 | 12.5  | 10.2  | 15.4  |

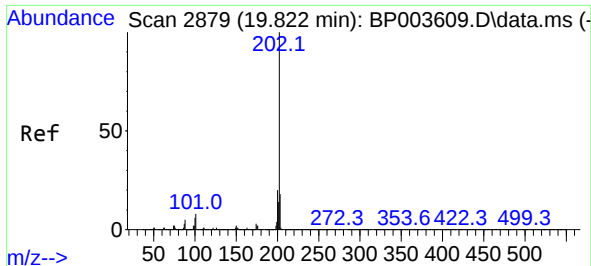


#74  
 Di-n-butylphthalate  
 Concen: 40.13 ng  
 RT: 18.728 min Scan# 2693  
 Delta R.T. -0.018 min  
 Lab File: BP003644.D  
 Acq: 16 Oct 2020 16:21

Tgt Ion:149 Resp: 1506502

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.2   | 7.3   | 10.9  |
| 104 | 6.3   | 3.4   | 5.0#  |



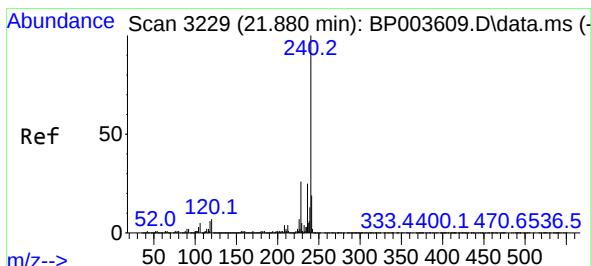
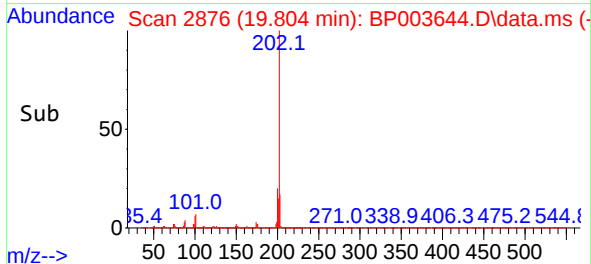
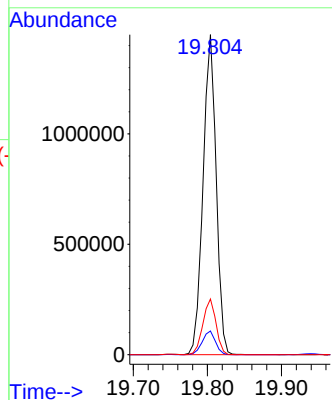
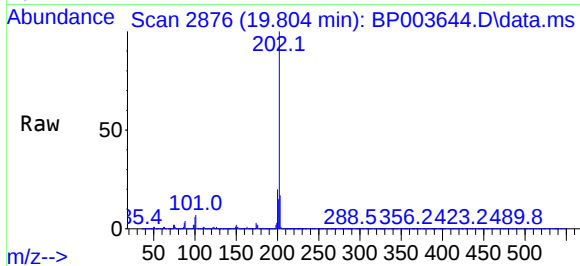


#75  
Fluoranthene  
Concen: 41.06 ng  
RT: 19.804 min Scan# 2876  
Delta R.T. -0.018 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

Instrument :  
BNA\_P  
ClientSampleId :  
PB132419BSD

Tgt Ion:202 Resp: 1778588

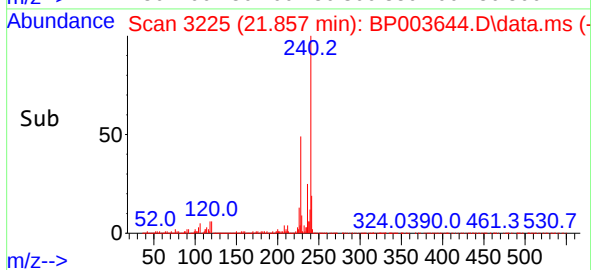
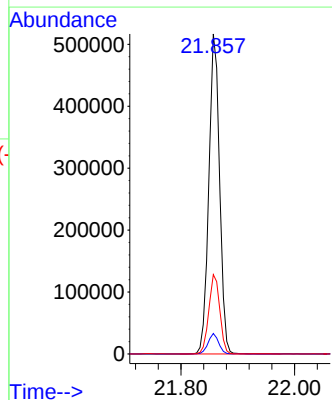
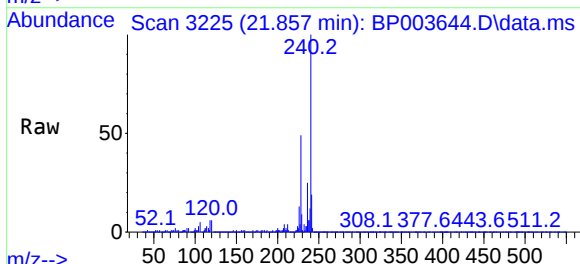
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 101 | 7.4   | 0.0   | 29.4  |
| 203 | 17.4  | 0.0   | 37.8  |

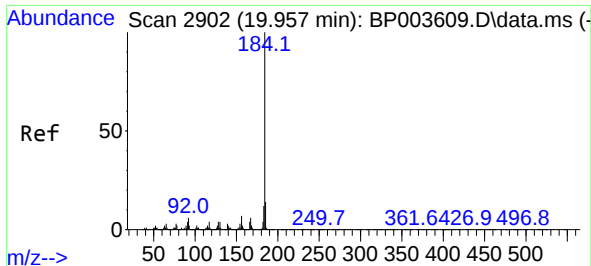


#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.857 min Scan# 3225  
Delta R.T. -0.023 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

Tgt Ion:240 Resp: 674507

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100   |       |       |
| 120 | 6.4   | 7.8   | 11.6# |
| 236 | 24.8  | 20.8  | 31.2  |

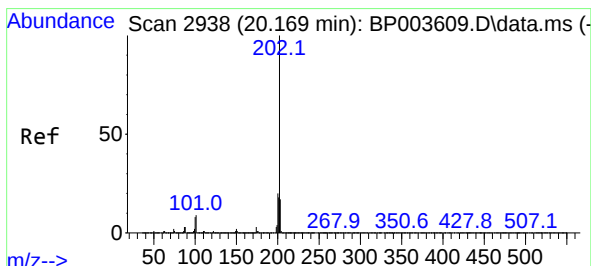
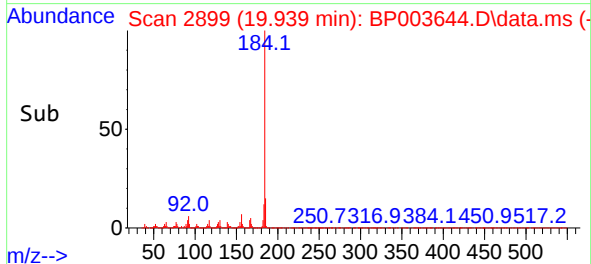
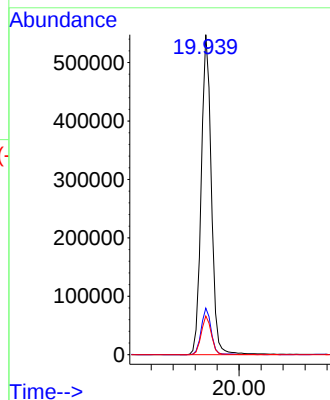
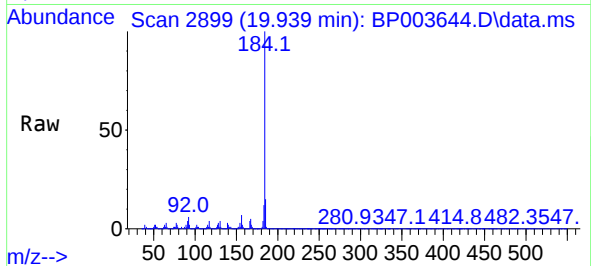




#77  
Benzidine  
Concen: 44.54 ng  
RT: 19.939 min Scan# 2899  
Delta R.T. -0.018 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

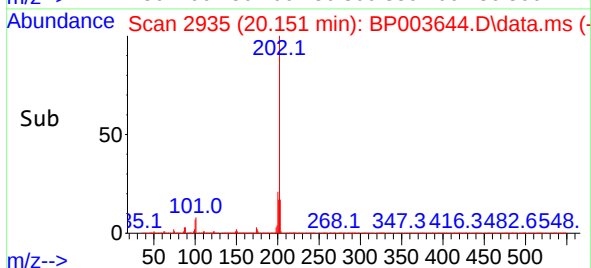
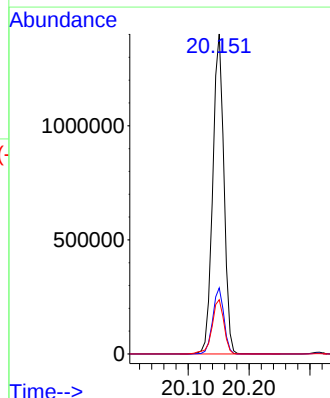
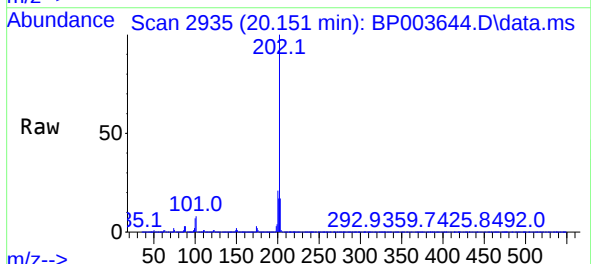
Instrument :  
BNA\_P  
ClientSampleId :  
PB132419BSD

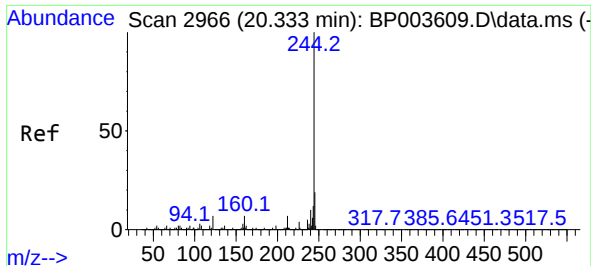
|             |                |
|-------------|----------------|
| Tgt Ion:184 | Resp: 704342   |
| Ion Ratio   | Lower Upper    |
| 184         | 100            |
| 185         | 14.5 11.5 17.3 |
| 183         | 12.1 9.6 14.4  |



#78  
Pyrene  
Concen: 39.78 ng  
RT: 20.151 min Scan# 2935  
Delta R.T. -0.018 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

|             |                |
|-------------|----------------|
| Tgt Ion:202 | Resp: 1783324  |
| Ion Ratio   | Lower Upper    |
| 202         | 100            |
| 200         | 20.6 17.1 25.7 |
| 203         | 16.9 14.2 21.2 |

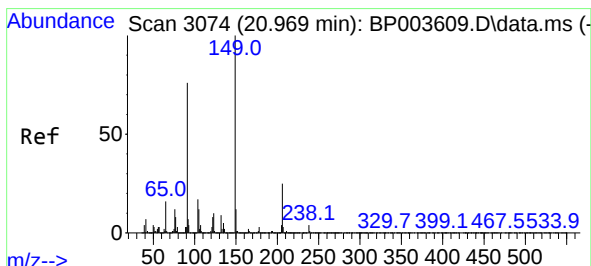
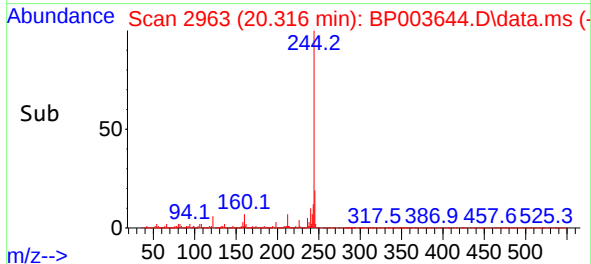
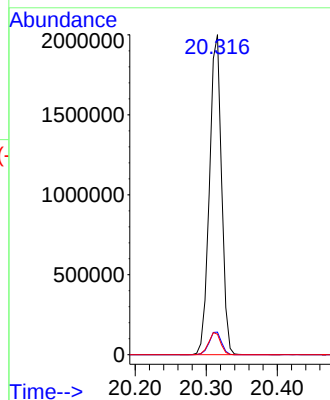
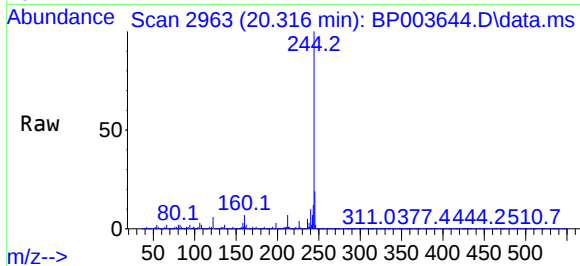




#79  
Terphenyl-d14  
Concen: 63.50 ng  
RT: 20.316 min Scan# 2963  
Delta R.T. -0.018 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

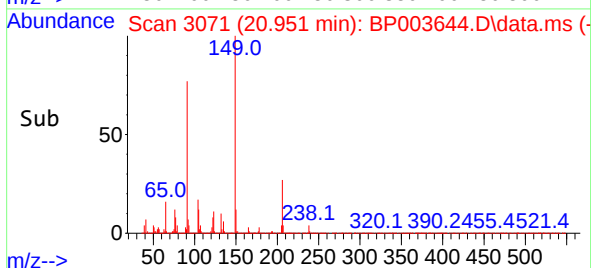
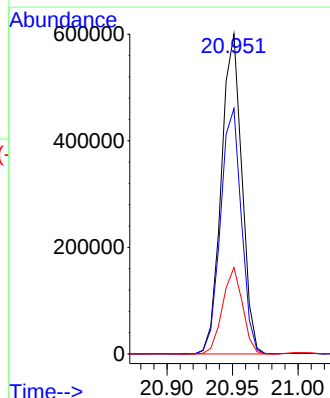
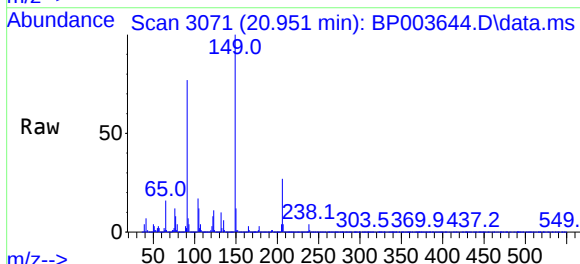
Instrument :  
BNA\_P  
ClientSampleId :  
PB132419BSD

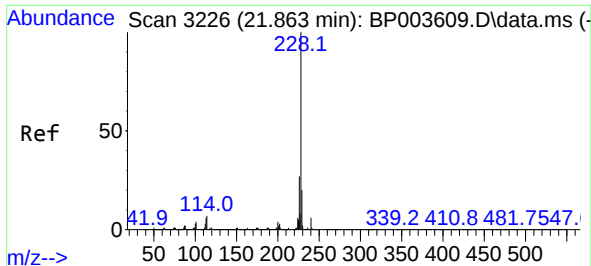
Tgt Ion:244 Resp: 2367455  
Ion Ratio Lower Upper  
244 100  
212 7.1 5.8 8.6  
122 6.4 7.8 11.8#



#80  
Butylbenzylphthalate  
Concen: 41.76 ng  
RT: 20.951 min Scan# 3071  
Delta R.T. -0.018 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

Tgt Ion:149 Resp: 653878  
Ion Ratio Lower Upper  
149 100  
91 76.7 45.4 68.0#  
206 27.0 17.1 25.7#

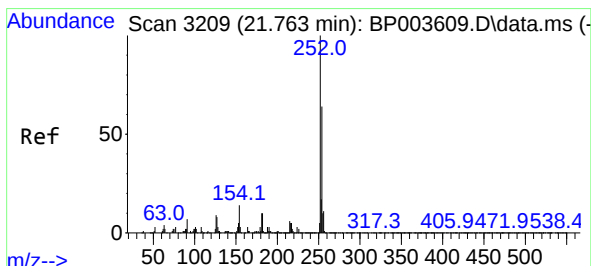
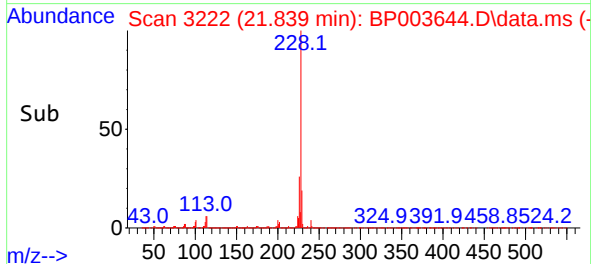
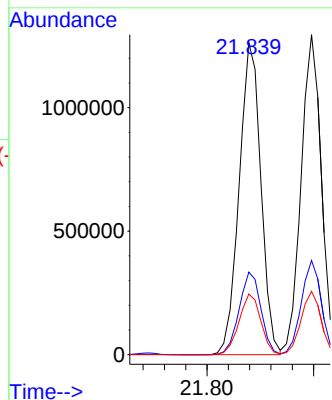
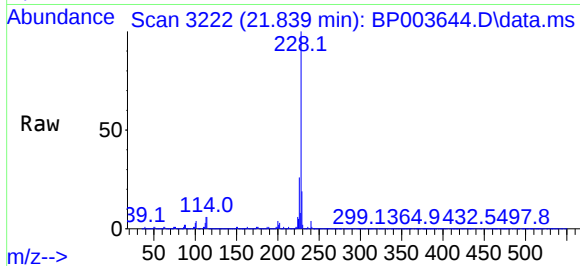




#81  
Benzo(a)anthracene  
Concen: 39.51 ng  
RT: 21.839 min Scan# 3222  
Delta R.T. -0.023 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

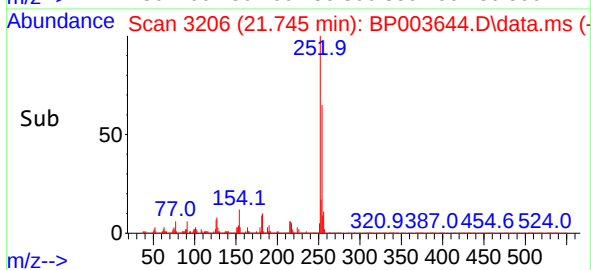
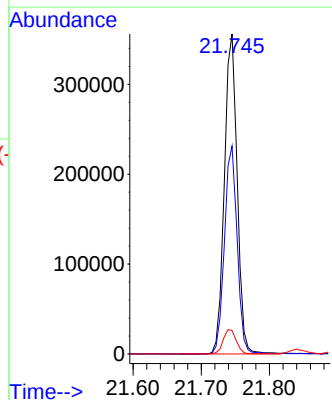
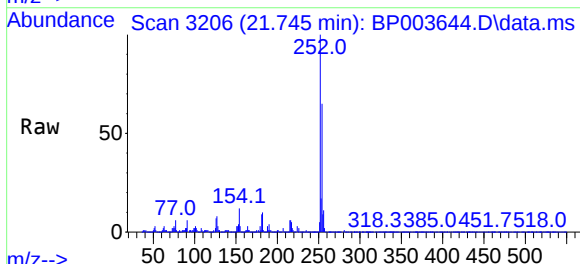
Instrument :  
BNA\_P  
ClientSampleId :  
PB132419BSD

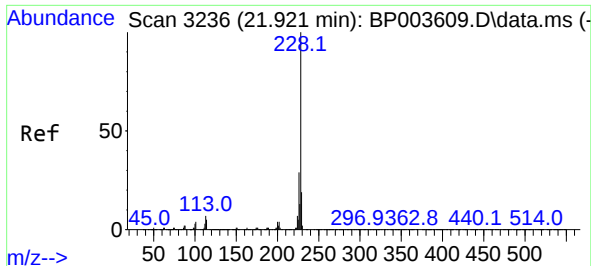
Tgt Ion:228 Resp: 1792068  
Ion Ratio Lower Upper  
228 100  
226 26.5 22.1 33.1  
229 19.5 15.9 23.9



#82  
3,3'-Dichlorobenzidine  
Concen: 29.05 ng  
RT: 21.745 min Scan# 3206  
Delta R.T. -0.018 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

Tgt Ion:252 Resp: 465768  
Ion Ratio Lower Upper  
252 100  
254 65.0 51.0 76.4  
126 7.3 7.9 11.9#

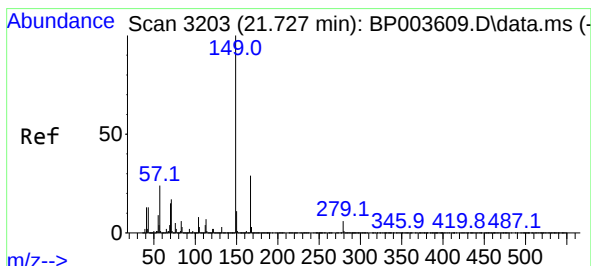
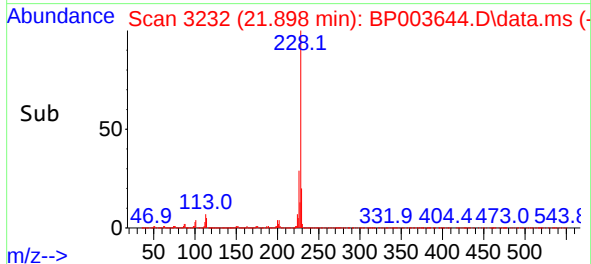
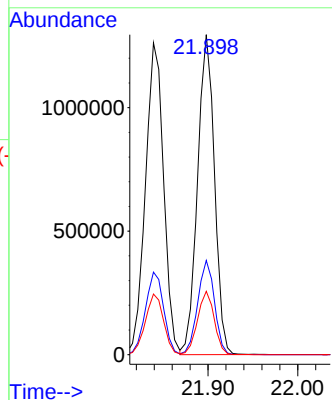
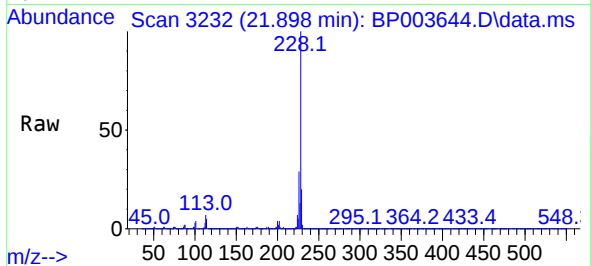




#83  
Chrysene  
Concen: 39.56 ng  
RT: 21.898 min Scan# 3232  
Delta R.T. -0.023 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

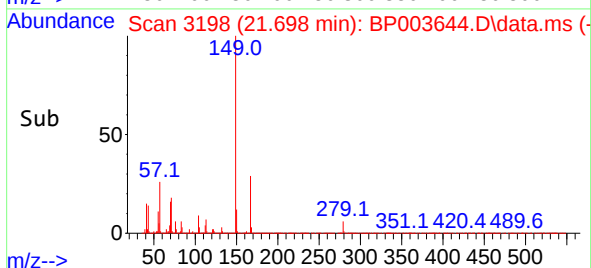
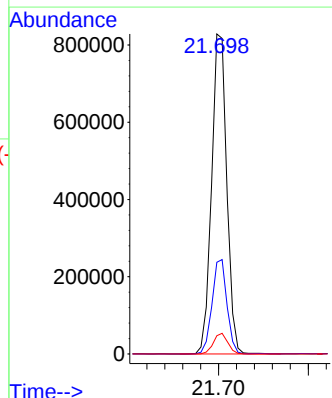
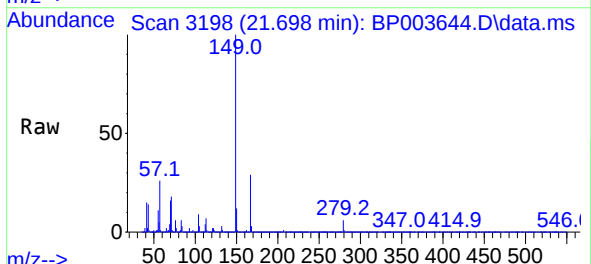
Instrument :  
BNA\_P  
ClientSampleId :  
PB132419BSD

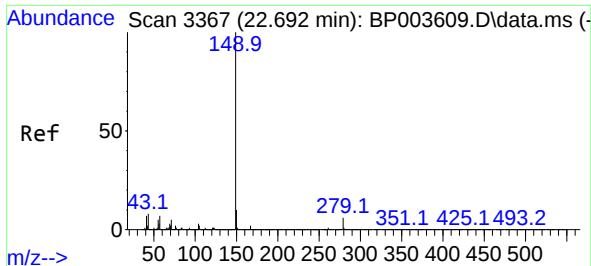
Tgt Ion:228 Resp: 1697546  
Ion Ratio Lower Upper  
228 100  
226 29.4 24.4 36.6  
229 19.8 15.8 23.6



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 40.82 ng  
RT: 21.698 min Scan# 3198  
Delta R.T. -0.029 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

Tgt Ion:149 Resp: 969930  
Ion Ratio Lower Upper  
149 100  
167 28.7 22.6 34.0  
279 5.7 4.2 6.2

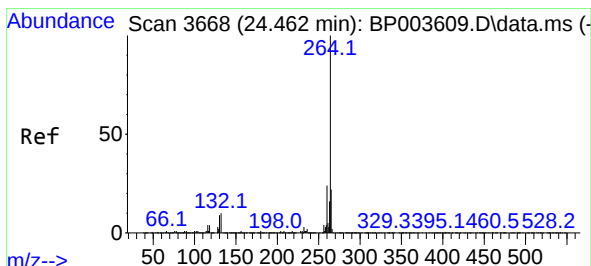
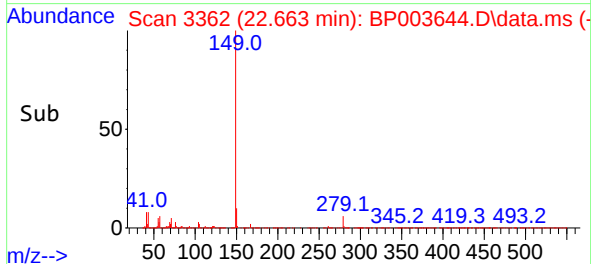
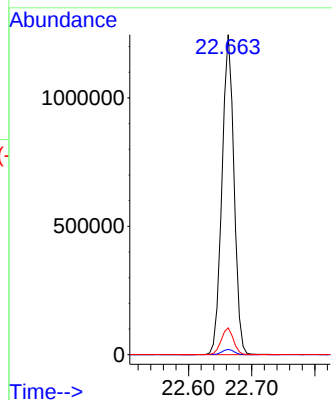
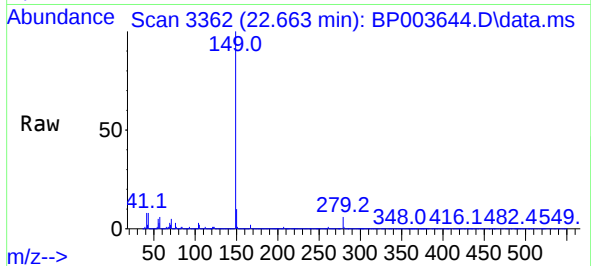




#85  
Di-n-octyl phthalate  
Concen: 42.99 ng  
RT: 22.663 min Scan# 3362  
Delta R.T. -0.029 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

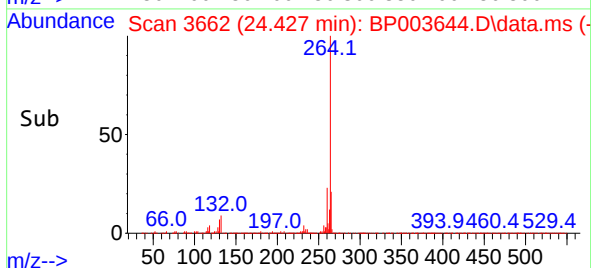
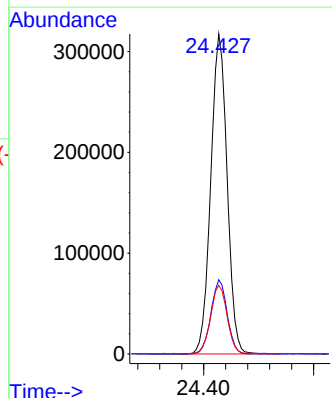
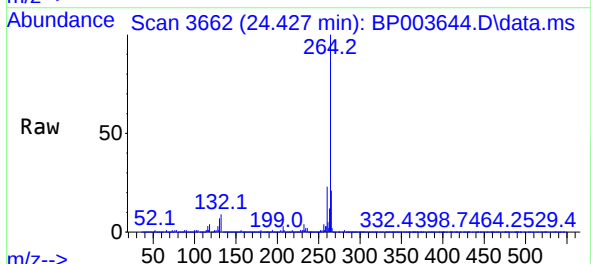
Instrument :  
BNA\_P  
ClientSampleId :  
PB132419BSD

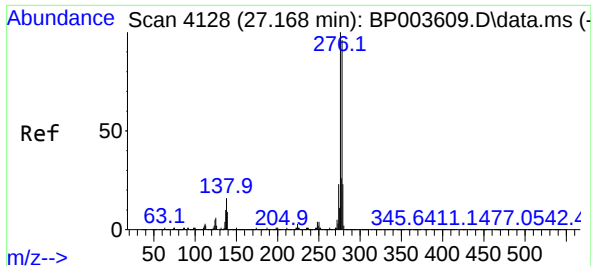
Tgt Ion:149 Resp: 1649506  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.3 1.9  
43 8.4 3.7 5.5#



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 24.427 min Scan# 3662  
Delta R.T. -0.035 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

Tgt Ion:264 Resp: 654590  
Ion Ratio Lower Upper  
264 100  
260 23.2 18.8 28.2  
265 21.5 17.4 26.2

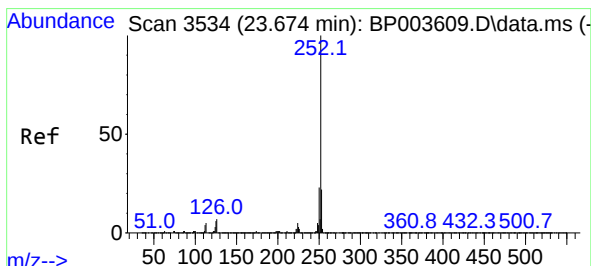
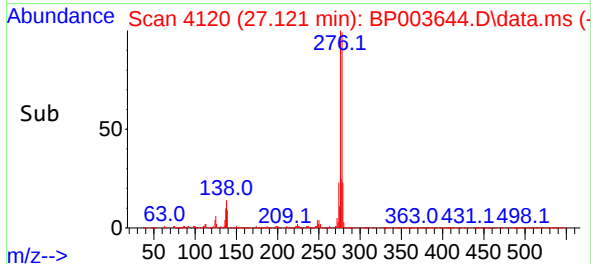
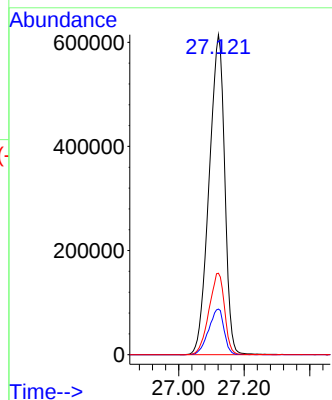
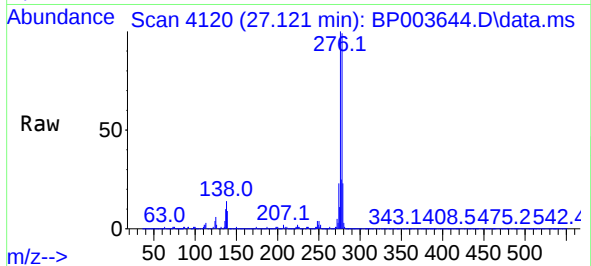




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 40.88 ng  
RT: 27.121 min Scan# 4120  
Delta R.T. -0.047 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

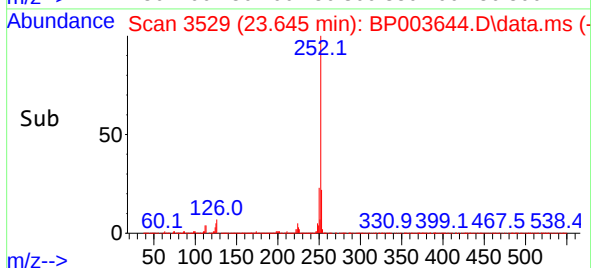
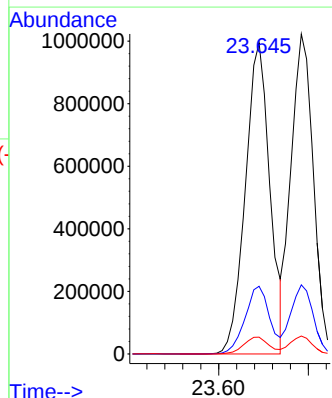
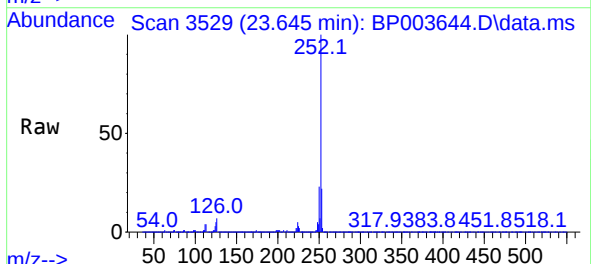
Instrument :  
BNA\_P  
ClientSampleId :  
PB132419BSD

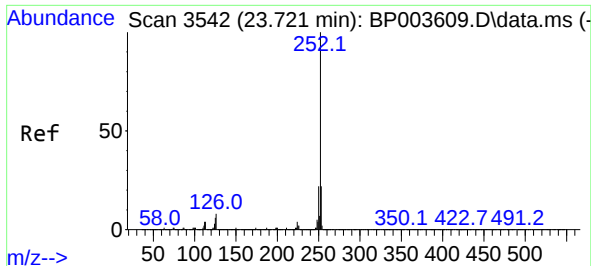
Tgt Ion:276 Resp: 2030814  
Ion Ratio Lower Upper  
276 100  
138 14.1 18.7 28.1#  
277 25.5 20.4 30.6



#88  
Benzo(b)fluoranthene  
Concen: 41.50 ng  
RT: 23.645 min Scan# 3529  
Delta R.T. -0.029 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

Tgt Ion:252 Resp: 1887702  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.6 26.4  
125 5.4 7.3 10.9#

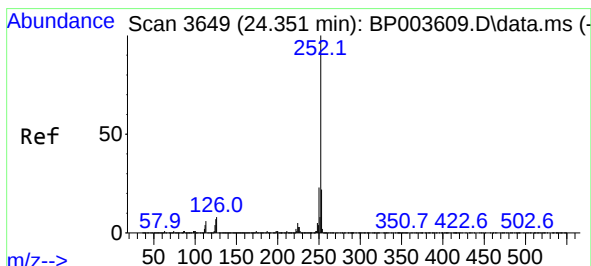
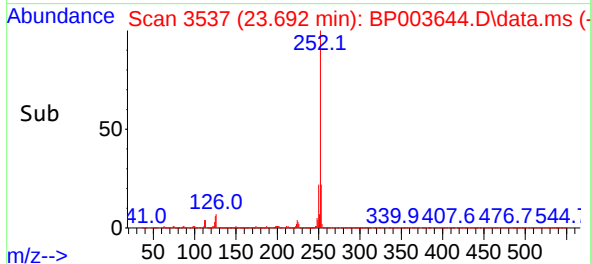
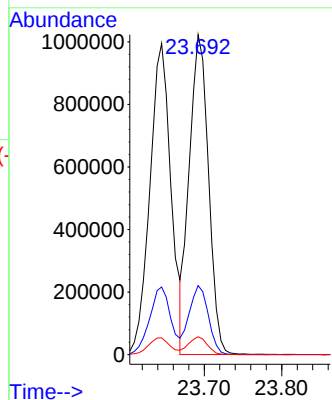
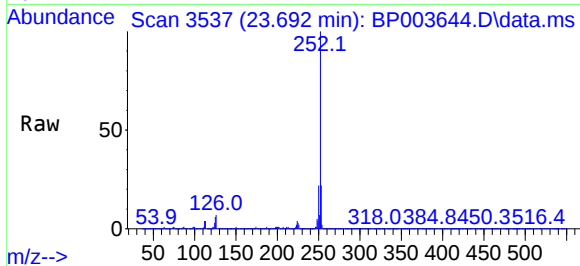




#89  
Benzo(k)fluoranthene  
Concen: 41.30 ng  
RT: 23.692 min Scan# 3537  
Delta R.T. -0.029 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

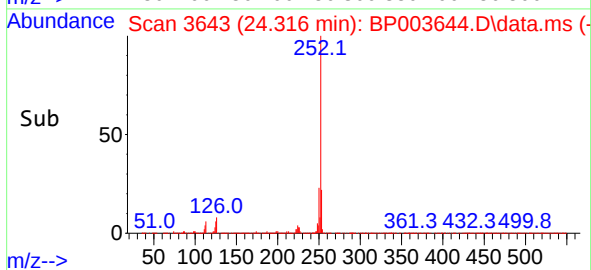
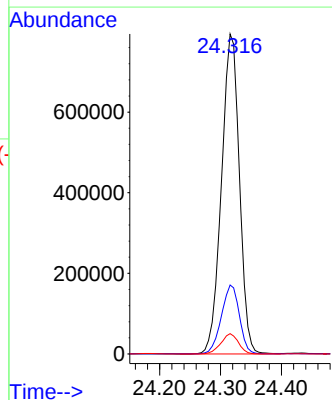
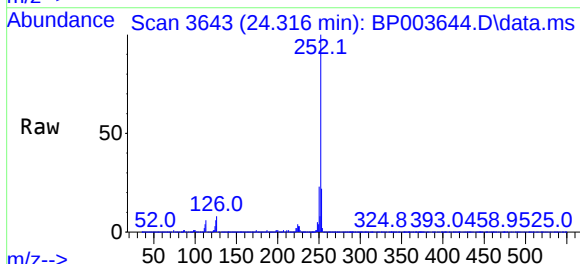
Instrument :  
BNA\_P  
ClientSampleId :  
PB132419BSD

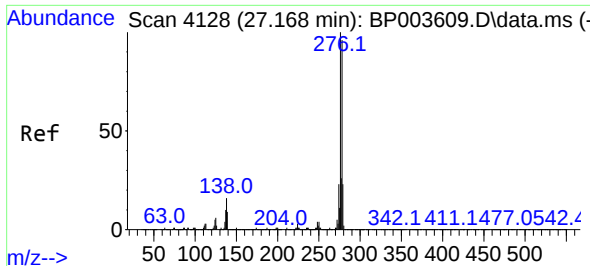
Tgt Ion:252 Resp: 1763652  
Ion Ratio Lower Upper  
252 100  
253 21.6 17.8 26.8  
125 5.6 7.4 11.2#



#90  
Benzo(a)pyrene  
Concen: 39.57 ng  
RT: 24.316 min Scan# 3643  
Delta R.T. -0.035 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

Tgt Ion:252 Resp: 1621035  
Ion Ratio Lower Upper  
252 100  
253 21.6 17.4 26.0  
125 6.4 8.2 12.4#

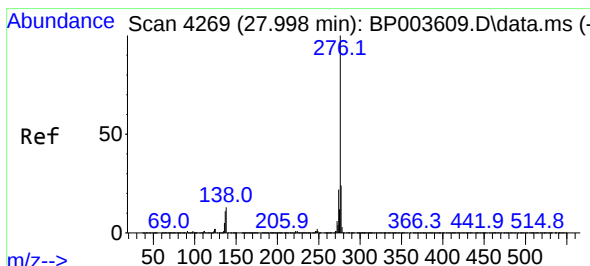
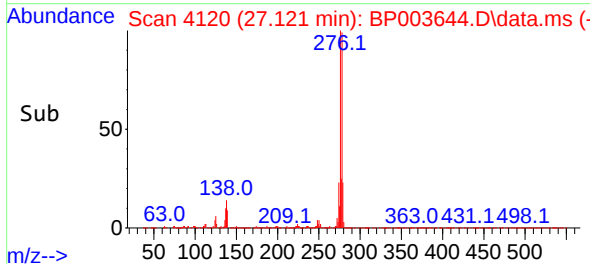
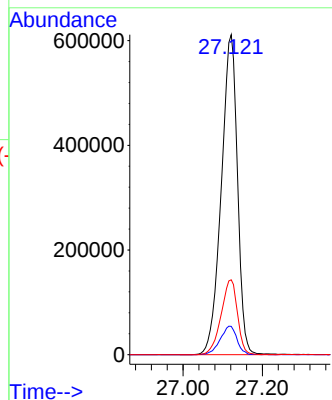
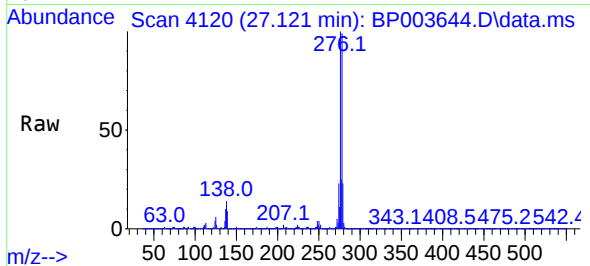




#91  
Dibenzo(a,h)anthracene  
Concen: 41.76 ng  
RT: 27.121 min Scan# 4120  
Delta R.T. -0.047 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

Instrument :  
BNA\_P  
ClientSampleId :  
PB132419BSD

Tgt Ion:278 Resp: 1730309  
Ion Ratio Lower Upper  
278 100  
139 8.9 12.4 18.6#  
279 23.4 19.0 28.6



#92  
Benzo(g,h,i)perylene  
Concen: 42.10 ng  
RT: 27.951 min Scan# 4261  
Delta R.T. -0.047 min  
Lab File: BP003644.D  
Acq: 16 Oct 2020 16:21

Tgt Ion:276 Resp: 1646528  
Ion Ratio Lower Upper  
276 100  
277 24.1 19.0 28.6  
138 11.8 16.6 24.8#

