

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP032322\  
 Data File : BP009514.D  
 Acq On : 23 Mar 2022 19:45  
 Operator : CG/JU  
 Sample : N2031-14MSD  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 CMP-B2-031822-2-5MSD

Quant Time: Mar 24 01:21:50 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP031722.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 24 01:19:11 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.787  | 152  | 499885   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.581 | 136  | 2125048  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.434 | 164  | 1330123  | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.198 | 188  | 2660557  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.316 | 240  | 2150427  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 23.715 | 264  | 2010854  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.393  | 112  | 3682389  | 128.614 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.981  | 99   | 4800447  | 123.979 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.946  | 82   | 2971553  | 74.309  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.934 | 330  | 2073293  | 94.458  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.051 | 172  | 6792721  | 70.796  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.775 | 244  | 9252328  | 77.226  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.322  | 88   | 435334   | 38.388  | ng    | 98       |
| 3) Pyridine                   | 3.717  | 79   | 1197375  | 39.203  | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.628  | 42   | 536776   | 47.720  | ng    | 99       |
| 6) Aniline                    | 7.122  | 93   | 1861048  | 42.172  | ng    | 97       |
| 8) 2-Chlorophenol             | 7.363  | 128  | 1618545  | 49.575  | ng    | 97       |
| 9) Benzaldehyde               | 6.934  | 77   | 785496   | 42.964  | ng    | 97       |
| 10) Phenol                    | 7.010  | 94   | 2031441  | 52.296  | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.216  | 93   | 1465162  | 47.659  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 7.675  | 146  | 1636203  | 44.403  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 7.822  | 146  | 1663112  | 44.143  | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 8.140  | 146  | 1617183  | 44.410  | ng    | 98       |
| 15) Benzyl Alcohol            | 8.040  | 79   | 1384973  | 44.863  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.322  | 45   | 1687762  | 50.645  | ng    | 97       |
| 17) 2-Methylphenol            | 8.246  | 107  | 1336859  | 49.941  | ng    | 99       |
| 18) Hexachloroethane          | 8.863  | 117  | 590289   | 44.707  | ng    | 95       |
| 19) n-Nitroso-di-n-propyla... | 8.604  | 70   | 1148372  | 46.890  | ng    | 97       |
| 20) 3+4-Methylphenols         | 8.575  | 107  | 1824284  | 49.563  | ng    | 98       |
| 22) Acetophenone              | 8.616  | 105  | 2229500  | 42.389  | ng    | # 98     |
| 24) Nitrobenzene              | 8.987  | 77   | 1696388  | 44.906  | ng    | 97       |
| 25) Isophorone                | 9.522  | 82   | 3238193  | 47.473  | ng    | 98       |
| 26) 2-Nitrophenol             | 9.699  | 139  | 877593   | 44.569  | ng    | 95       |
| 27) 2,4-Dimethylphenol        | 9.775  | 122  | 1497302  | 53.889  | ng    | 100      |
| 28) bis(2-Chloroethoxy)met... | 9.999  | 93   | 1979261  | 44.565  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 10.246 | 162  | 1574109  | 46.446  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 10.446 | 180  | 1632462  | 41.575  | ng    | 98       |
| 31) Naphthalene               | 10.634 | 128  | 4696169  | 42.903  | ng    | 100      |
| 32) Benzoic acid              | 9.987  | 122  | 1007059  | 46.359  | ng    | 95       |
| 33) 4-Chloroaniline           | 10.751 | 127  | 758808   | 16.988  | ng    | 98       |
| 34) Hexachlorobutadiene       | 10.922 | 225  | 1026040  | 38.565  | ng    | 100      |
| 35) Caprolactam               | 11.557 | 113  | 234372   | 20.491  | ng    | 99       |
| 36) 4-Chloro-3-methylphenol   | 11.898 | 107  | 1598159  | 43.883  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 12.245 | 142  | 3349430  | 43.611  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.469 | 142  | 3219258  | 43.028  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.622 | 216  | 1868924  | 42.348  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.604 | 237  | 1503589  | 78.427  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.869 | 196  | 1269416  | 43.396  | ng    | 100      |

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Instrument :  
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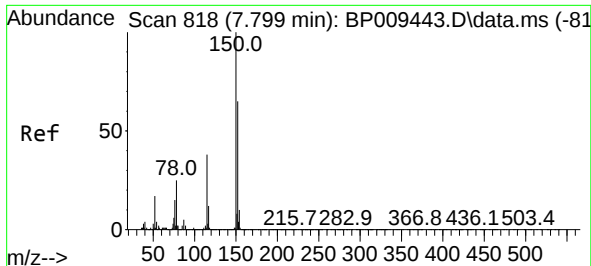
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 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.945 | 196  | 1369748  | 43.121 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.263 | 154  | 4295963  | 43.294 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.304 | 162  | 3369306  | 43.128 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.516 | 65   | 953150   | 44.796 | ng    | 96       |
| 49) Acenaphthylene            | 14.151 | 152  | 5513193  | 45.715 | ng    | 99       |
| 50) Dimethylphthalate         | 13.898 | 163  | 4163448  | 41.309 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.016 | 165  | 925800   | 43.841 | ng    | 98       |
| 52) Acenaphthene              | 14.498 | 154  | 3090230  | 42.895 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.345 | 138  | 663610   | 29.752 | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 14.563 | 184  | 1010390  | 77.170 | ng    | 98       |
| 55) Dibenzofuran              | 14.834 | 168  | 4960729  | 40.988 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.681 | 139  | 1493789  | 89.846 | ng    | 99       |
| 57) 2,4-Dinitrotoluene        | 14.810 | 165  | 1252315  | 43.130 | ng    | 98       |
| 58) Fluorene                  | 15.486 | 166  | 3889463  | 40.862 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.075 | 232  | 1146989  | 39.830 | ng    | 95       |
| 60) Diethylphthalate          | 15.269 | 149  | 4105168  | 40.697 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 15.481 | 204  | 2073853  | 39.552 | ng    | 97       |
| 62) 4-Nitroaniline            | 15.516 | 138  | 886389   | 37.840 | ng    | 98       |
| 63) Azobenzene                | 15.781 | 77   | 3789623  | 43.187 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 15.581 | 198  | 671675   | 39.261 | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 15.704 | 169  | 3503871  | 44.503 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.386 | 248  | 1353025  | 41.559 | ng    | 94       |
| 68) Hexachlorobenzene         | 16.504 | 284  | 1530072  | 40.836 | ng    | 98       |
| 69) Atrazine                  | 16.669 | 200  | 1288671  | 46.553 | ng    | 99       |
| 70) Pentachlorophenol         | 16.857 | 266  | 1817978  | 90.766 | ng    | 99       |
| 71) Phenanthrene              | 17.239 | 178  | 6141191  | 43.120 | ng    | 99       |
| 72) Anthracene                | 17.333 | 178  | 6136555  | 43.641 | ng    | 98       |
| 73) Carbazole                 | 17.610 | 167  | 5601663  | 40.734 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.169 | 149  | 6916266  | 42.919 | ng    | 99       |
| 75) Fluoranthene              | 19.222 | 202  | 7106885  | 41.218 | ng    | 99       |
| 77) Benzidine                 | 19.404 | 184  | 3321040  | 63.006 | ng    | 100      |
| 78) Pyrene                    | 19.575 | 202  | 7164649  | 50.561 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.457 | 149  | 2976827  | 49.425 | ng    | 97       |
| 81) Benzo(a)anthracene        | 21.298 | 228  | 6340292  | 44.877 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.233 | 252  | 1895254  | 34.725 | ng    | 98       |
| 83) Chrysene                  | 21.351 | 228  | 5786755  | 43.255 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.227 | 149  | 4142310  | 49.342 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 22.157 | 149  | 6666971  | 46.073 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 26.227 | 276  | 6247501  | 40.951 | ng    | 97       |
| 88) Benzo(b)fluoranthene      | 22.986 | 252  | 5851768  | 48.747 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.033 | 252  | 5377369  | 45.752 | ng    | 99       |
| 90) Benzo(a)pyrene            | 23.610 | 252  | 5427540  | 52.845 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 26.239 | 278  | 5399133  | 42.464 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 26.992 | 276  | 5463050  | 43.676 | ng    | 97       |

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

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QLast Update : Thu Mar 24 01:19:11 2022  
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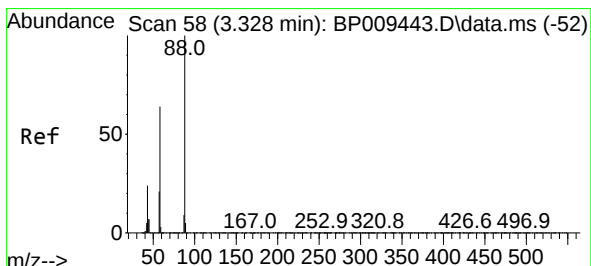
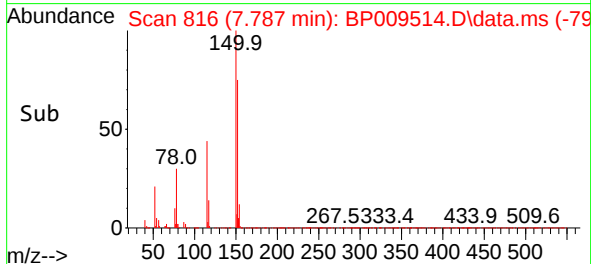
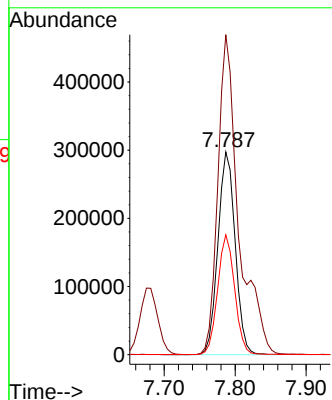
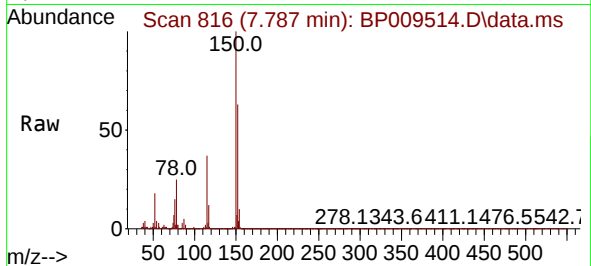




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.787 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BP009514.D  
Acq: 23 Mar 2022 19:45

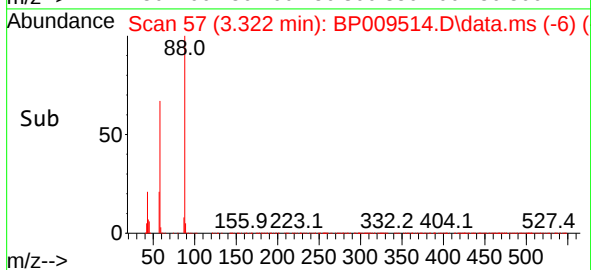
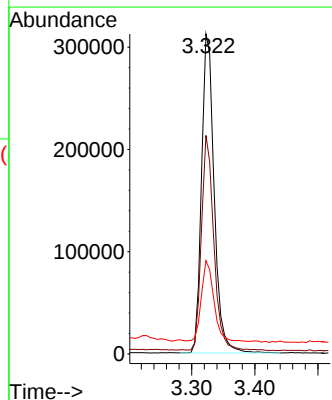
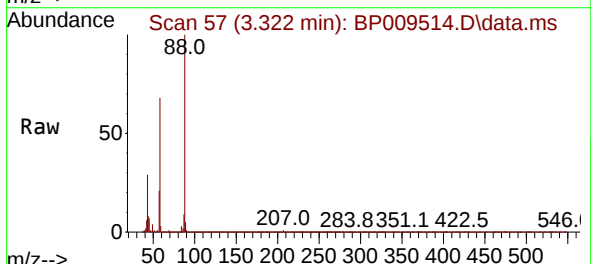
Instrument :  
BNA\_P  
ClientSampleId :  
CMP-B2-031822-2-5MSD

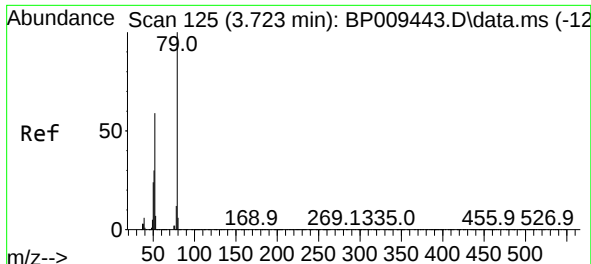
Tgt Ion:152 Resp: 499885  
Ion Ratio Lower Upper  
152 100  
150 157.9 124.5 186.7  
115 59.1 48.2 72.4



#2  
1,4-Dioxane  
Concen: 38.388 ng  
RT: 3.322 min Scan# 57  
Delta R.T. 0.000 min  
Lab File: BP009514.D  
Acq: 23 Mar 2022 19:45

Tgt Ion: 88 Resp: 435334  
Ion Ratio Lower Upper  
88 100  
58 66.2 54.2 81.2  
43 24.8 20.4 30.6

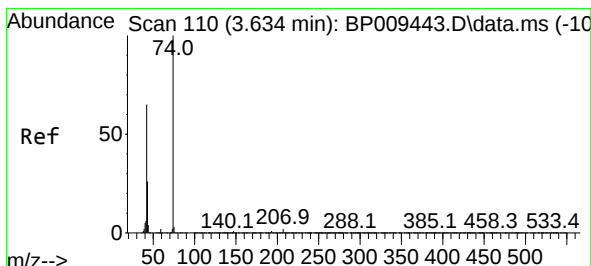
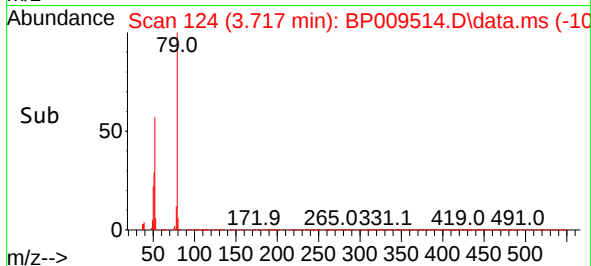
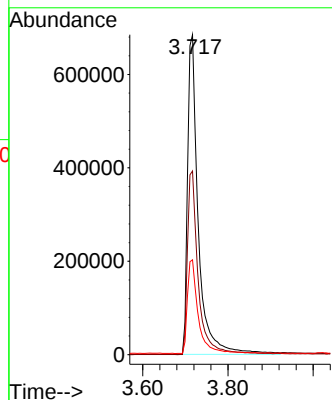
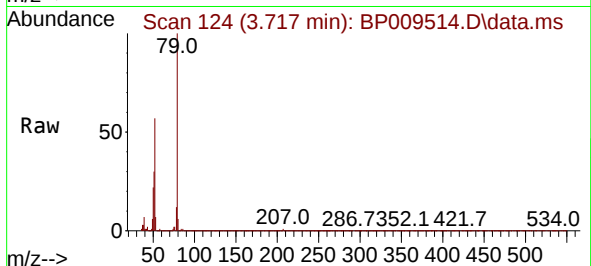




#3  
Pyridine  
Concen: 39.203 ng  
RT: 3.717 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BP009514.D  
Acq: 23 Mar 2022 19:45

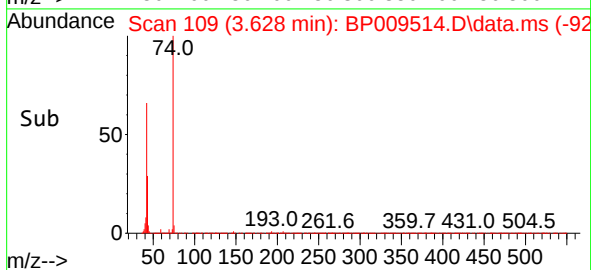
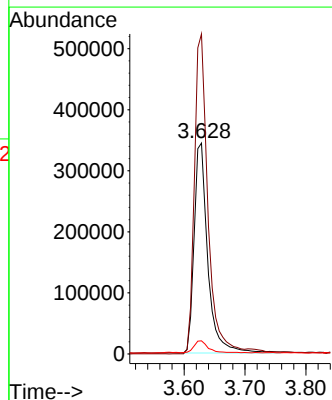
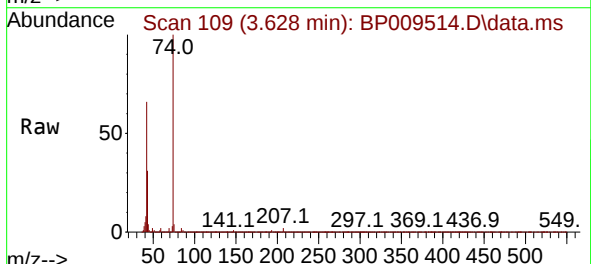
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ClientSampleId :  
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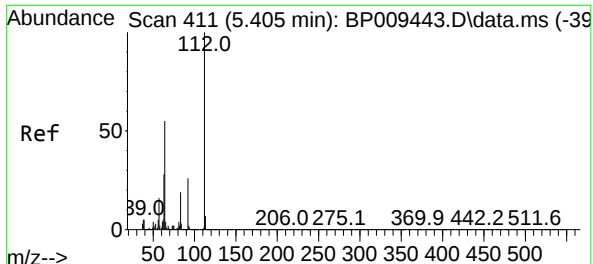
Tgt Ion: 79 Resp: 1197375  
Ion Ratio Lower Upper  
79 100  
52 57.4 47.5 71.3  
51 29.6 24.1 36.1



#4  
n-Nitrosodimethylamine  
Concen: 47.720 ng  
RT: 3.628 min Scan# 109  
Delta R.T. 0.000 min  
Lab File: BP009514.D  
Acq: 23 Mar 2022 19:45

Tgt Ion: 42 Resp: 536776  
Ion Ratio Lower Upper  
42 100  
74 151.8 122.1 183.1  
44 6.3 5.8 8.8

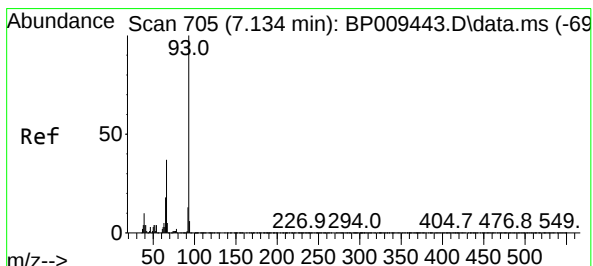
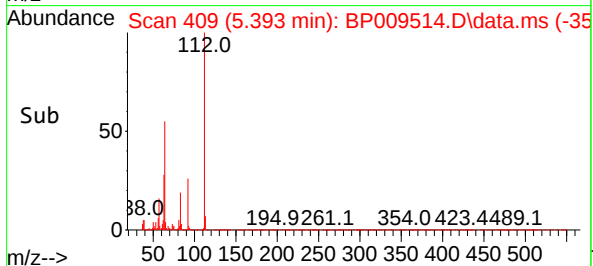
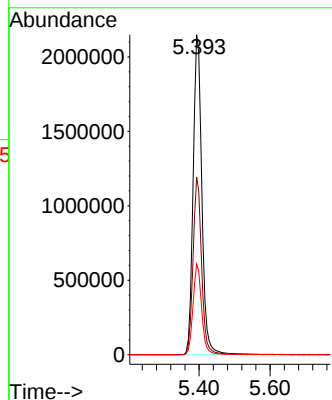
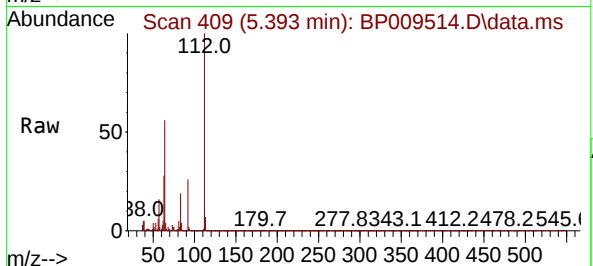




#5  
2-Fluorophenol  
Concen: 128.614 ng  
RT: 5.393 min Scan# 409  
Delta R.T. 0.000 min  
Lab File: BP009514.D  
Acq: 23 Mar 2022 19:45

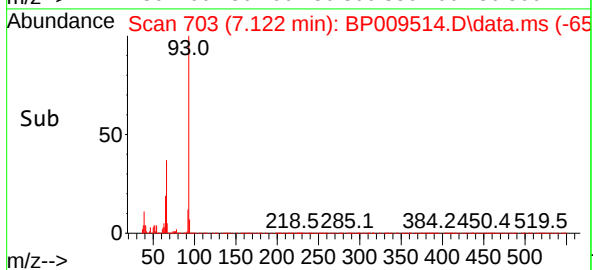
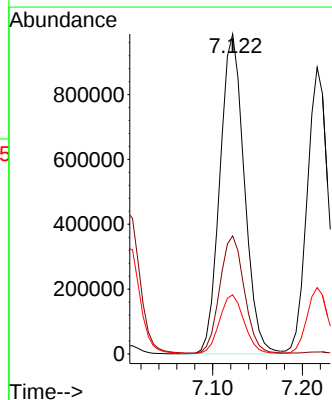
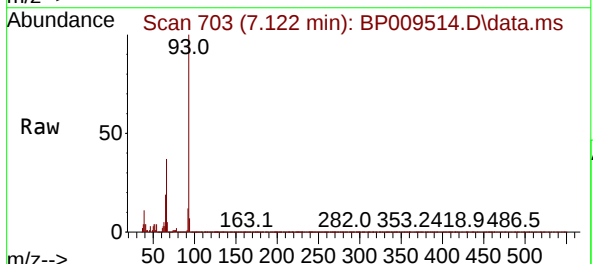
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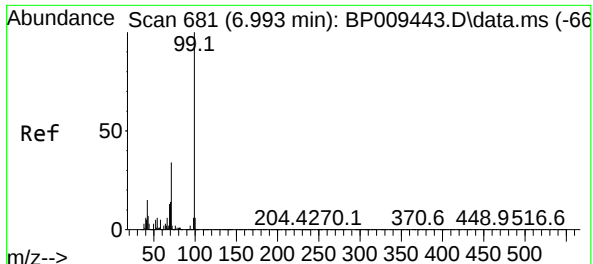
Tgt Ion:112 Resp: 3682389  
Ion Ratio Lower Upper  
112 100  
64 55.5 45.0 67.4  
63 28.3 23.0 34.6



#6  
Aniline  
Concen: 42.172 ng  
RT: 7.122 min Scan# 703  
Delta R.T. 0.000 min  
Lab File: BP009514.D  
Acq: 23 Mar 2022 19:45

Tgt Ion: 93 Resp: 1861048  
Ion Ratio Lower Upper  
93 100  
66 36.9 30.9 46.3  
65 18.5 15.8 23.8

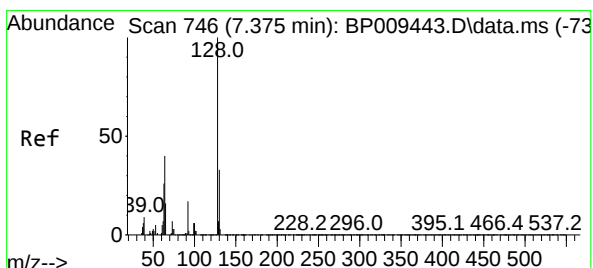
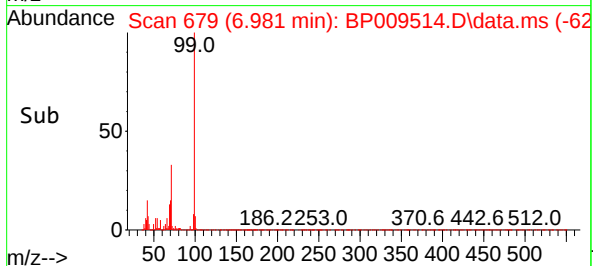
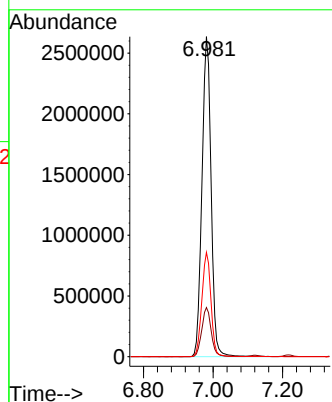
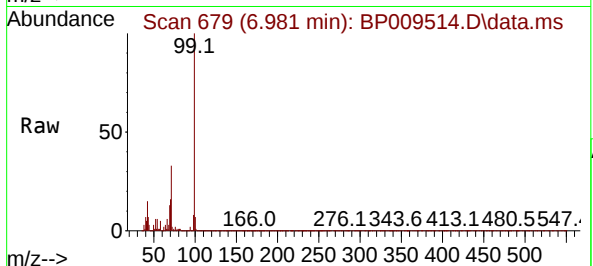




#7  
Phenol-d6  
Concen: 123.979 ng  
RT: 6.981 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BP009514.D  
Acq: 23 Mar 2022 19:45

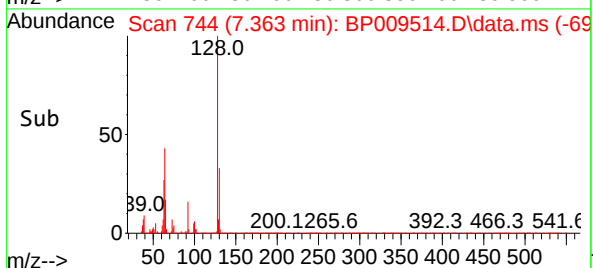
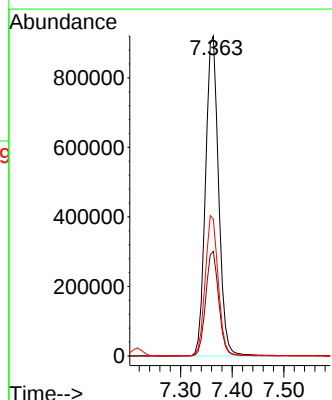
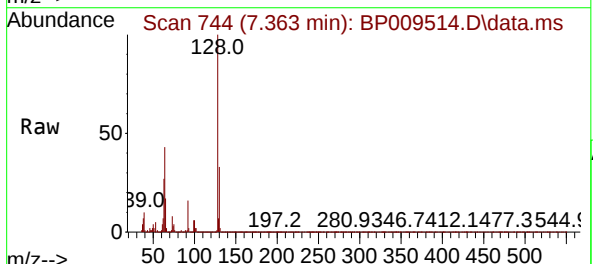
Instrument :  
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ClientSampleId :  
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Tgt Ion: 99 Resp: 4800447  
Ion Ratio Lower Upper  
99 100  
42 15.4 12.8 19.2  
71 32.6 26.3 39.5



#8  
2-Chlorophenol  
Concen: 49.575 ng  
RT: 7.363 min Scan# 744  
Delta R.T. 0.006 min  
Lab File: BP009514.D  
Acq: 23 Mar 2022 19:45

Tgt Ion: 128 Resp: 1618545  
Ion Ratio Lower Upper  
128 100  
130 32.7 12.5 52.5  
64 42.8 26.2 66.2

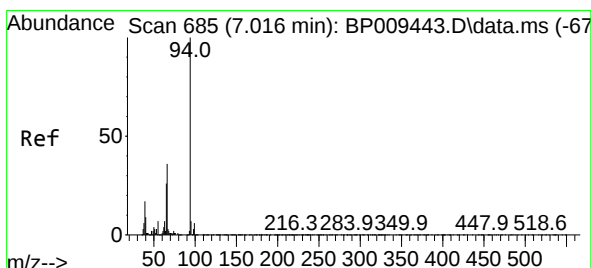
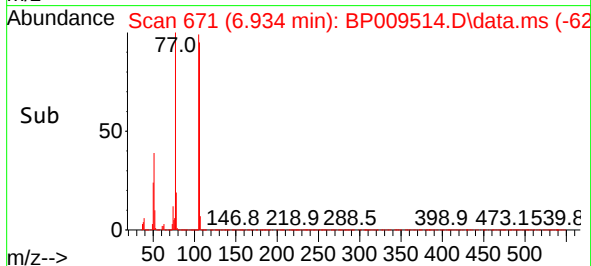
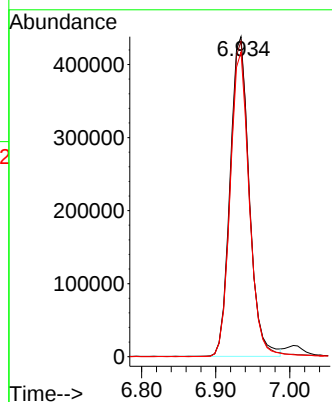
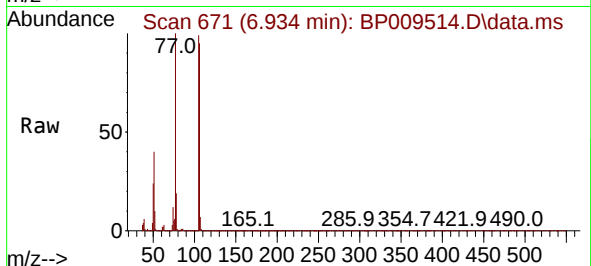




#9  
Benzaldehyde  
Concen: 42.964 ng  
RT: 6.934 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BP009514.D  
Acq: 23 Mar 2022 19:45

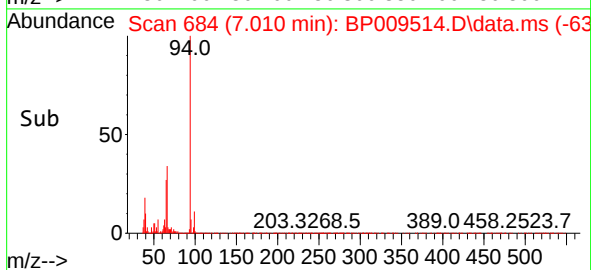
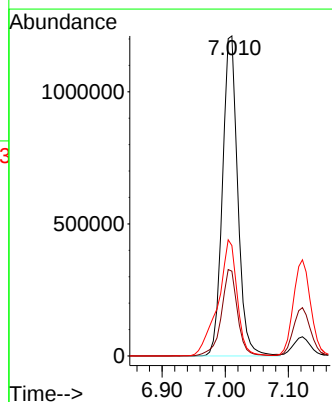
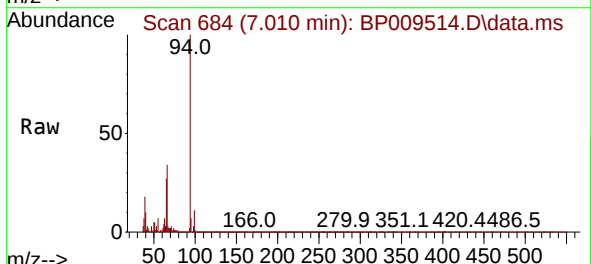
Instrument :  
BNA\_P  
ClientSampleId :  
CMP-B2-031822-2-5MSD

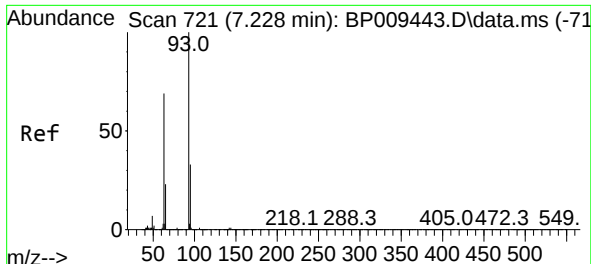
Tgt Ion: 77 Resp: 785496  
Ion Ratio Lower Upper  
77 100  
105 98.6 75.2 115.2  
106 95.2 72.3 112.3



#10  
Phenol  
Concen: 52.296 ng  
RT: 7.010 min Scan# 684  
Delta R.T. 0.006 min  
Lab File: BP009514.D  
Acq: 23 Mar 2022 19:45

Tgt Ion: 94 Resp: 2031441  
Ion Ratio Lower Upper  
94 100  
65 26.5 7.2 47.2  
66 34.5 14.3 54.3



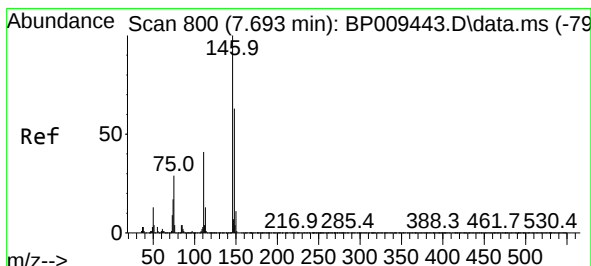
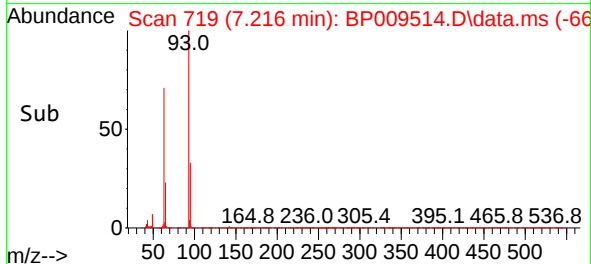
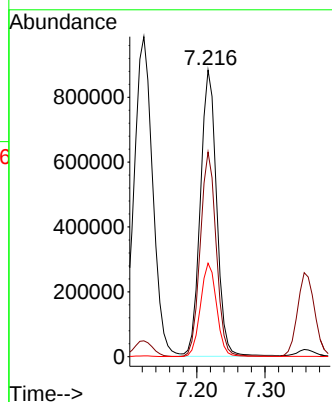
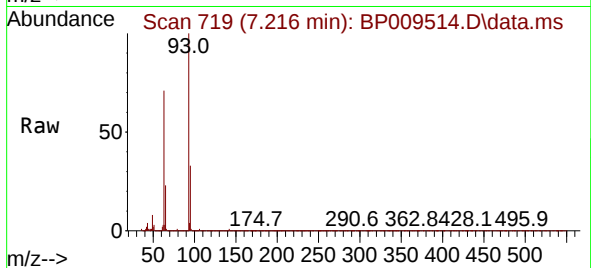


#11  
bis(2-Chloroethyl)ether  
Concen: 47.659 ng  
RT: 7.216 min Scan# 719  
Delta R.T. 0.000 min  
Lab File: BP009514.D  
Acq: 23 Mar 2022 19:45

Instrument :  
BNA\_P  
ClientSampleId :  
CMP-B2-031822-2-5MSD

Tgt Ion: 93 Resp: 1465162

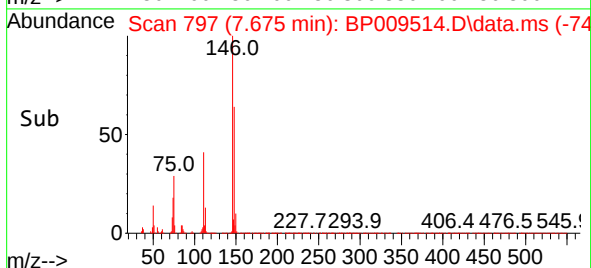
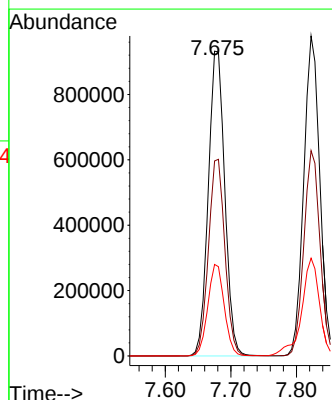
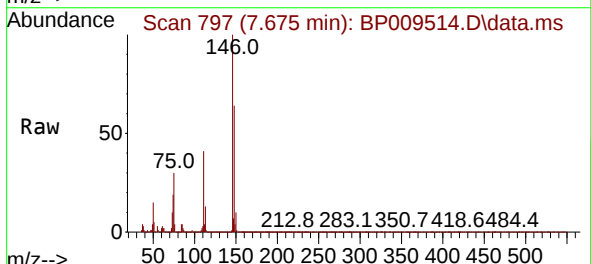
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 63  | 71.4  | 53.5  | 93.5  |
| 95  | 32.6  | 12.0  | 52.0  |

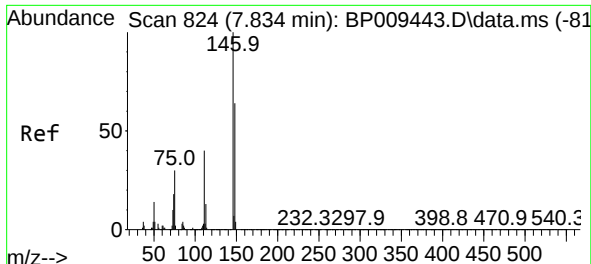


#12  
1,3-Dichlorobenzene  
Concen: 44.403 ng  
RT: 7.675 min Scan# 797  
Delta R.T. -0.006 min  
Lab File: BP009514.D  
Acq: 23 Mar 2022 19:45

Tgt Ion: 146 Resp: 1636203

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 148 | 64.0  | 51.4  | 77.0  |
| 75  | 30.0  | 25.3  | 37.9  |

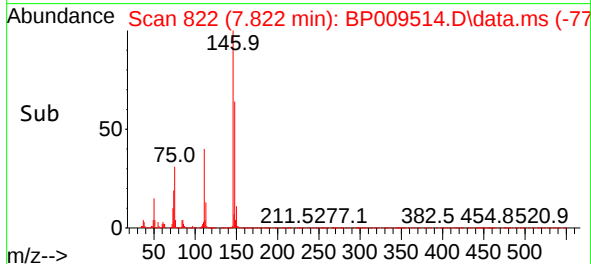
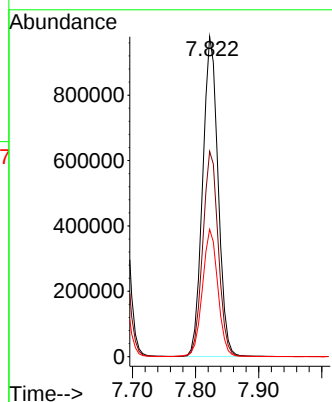
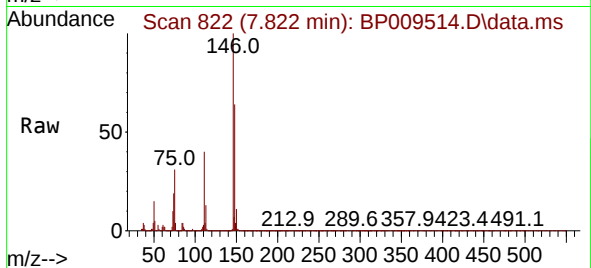




#13  
1,4-Dichlorobenzene  
Concen: 44.143 ng  
RT: 7.822 min Scan# 811  
Delta R.T. 0.000 min  
Lab File: BP009514.D  
Acq: 23 Mar 2022 19:45

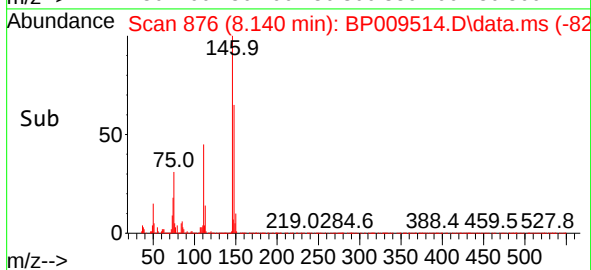
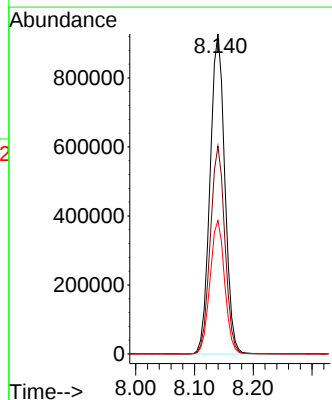
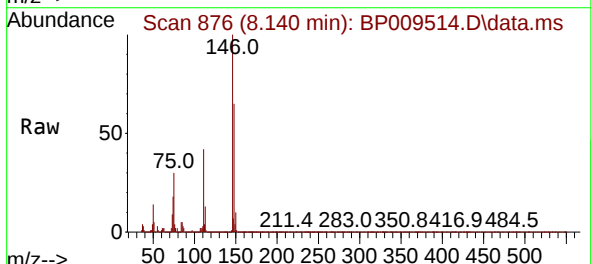
Instrument :  
BNA\_P  
ClientSampleId :  
CMP-B2-031822-2-5MSD

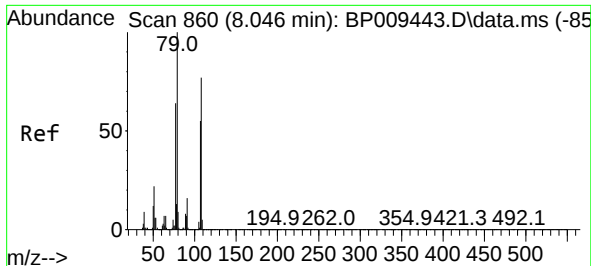
Tgt Ion:146 Resp: 1663112  
Ion Ratio Lower Upper  
146 100  
148 64.1 51.1 76.7  
111 39.8 32.1 48.1



#14  
1,2-Dichlorobenzene  
Concen: 44.410 ng  
RT: 8.140 min Scan# 876  
Delta R.T. 0.000 min  
Lab File: BP009514.D  
Acq: 23 Mar 2022 19:45

Tgt Ion:146 Resp: 1617183  
Ion Ratio Lower Upper  
146 100  
148 65.0 50.9 76.3  
111 41.7 34.1 51.1

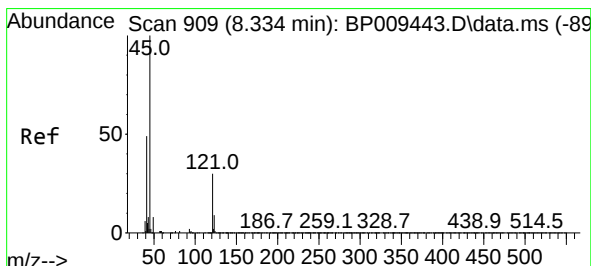
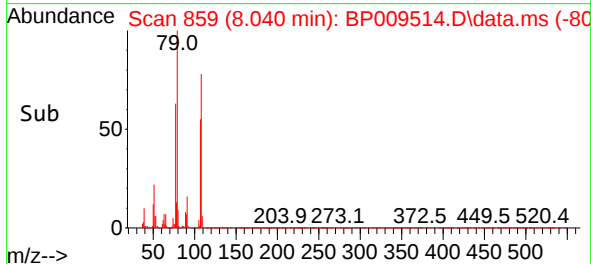
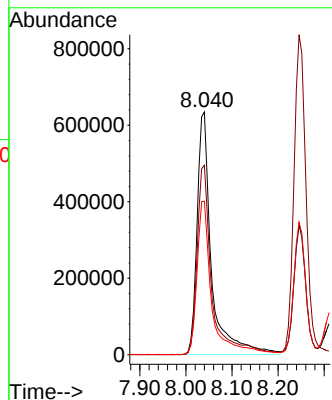
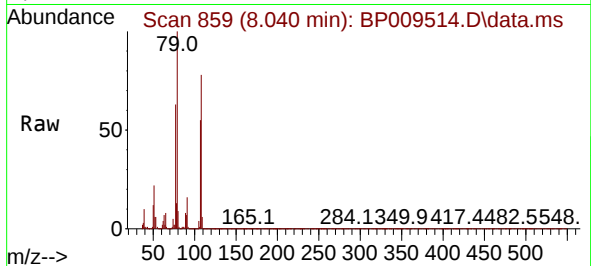




#15  
Benzyl Alcohol  
Concen: 44.863 ng  
RT: 8.040 min Scan# 860  
Delta R.T. 0.000 min  
Lab File: BP009514.D  
Acq: 23 Mar 2022 19:45

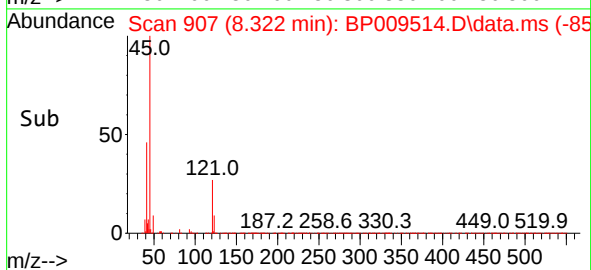
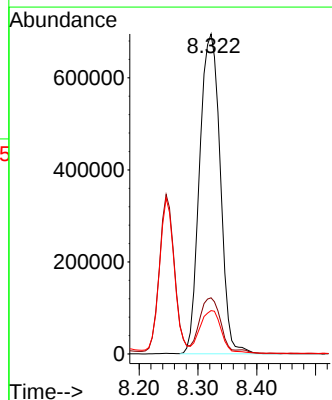
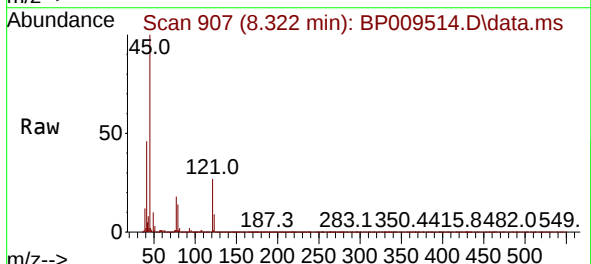
Instrument :  
BNA\_P  
ClientSampleId :  
CMP-B2-031822-2-5MSD

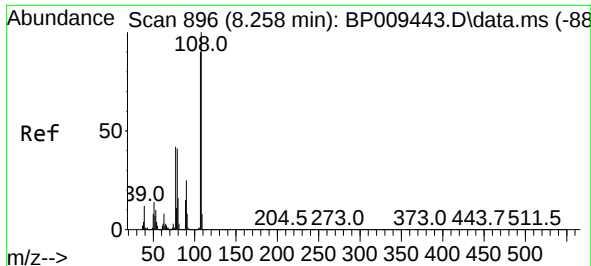
Tgt Ion: 79 Resp: 1384973  
Ion Ratio Lower Upper  
79 100  
108 78.0 62.5 93.7  
77 63.2 51.7 77.5



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 50.645 ng  
RT: 8.322 min Scan# 907  
Delta R.T. 0.000 min  
Lab File: BP009514.D  
Acq: 23 Mar 2022 19:45

Tgt Ion: 45 Resp: 1687762  
Ion Ratio Lower Upper  
45 100  
77 17.5 0.0 36.5  
79 13.6 0.0 32.4

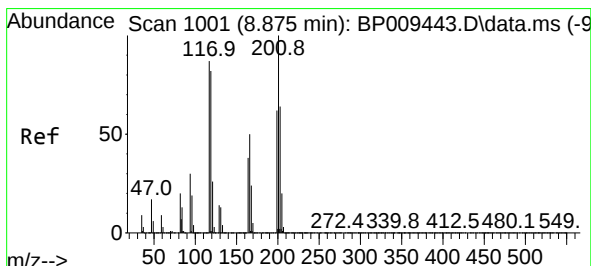
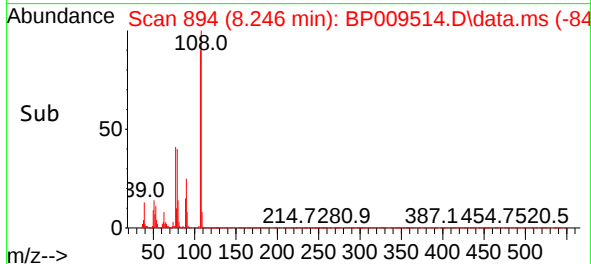
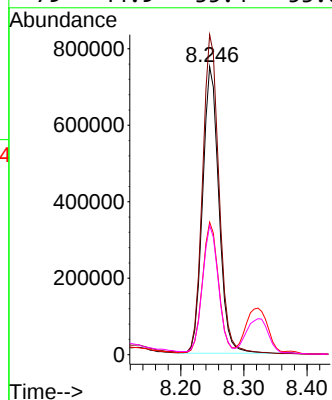
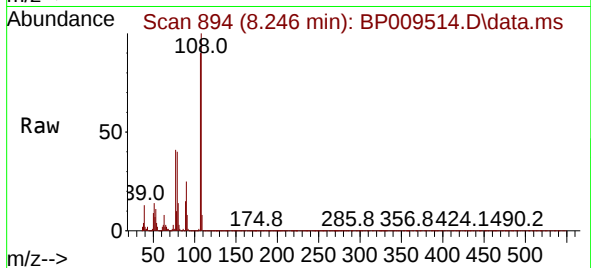




#17  
2-Methylphenol  
Concen: 49.941 ng  
RT: 8.246 min Scan# 896  
Delta R.T. 0.000 min  
Lab File: BP009514.D  
Acq: 23 Mar 2022 19:45

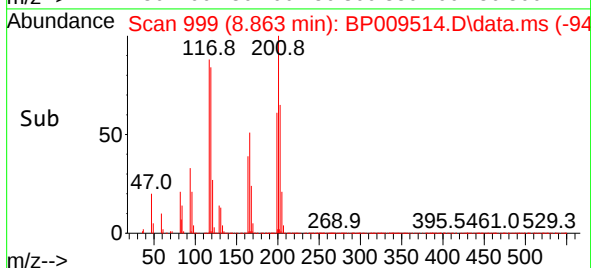
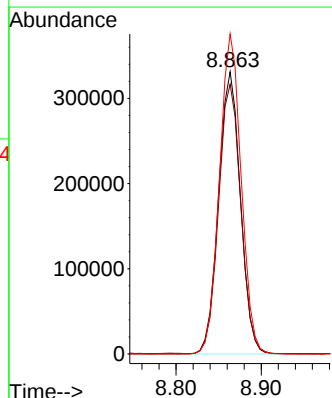
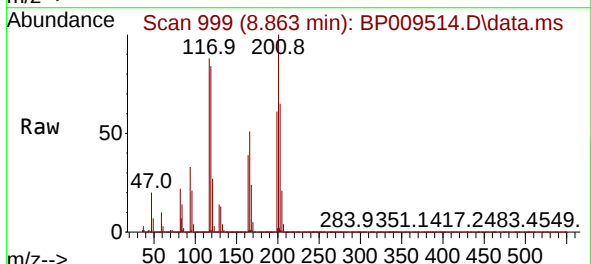
Instrument :  
BNA\_P  
ClientSampleId :  
CMP-B2-031822-2-5MSD

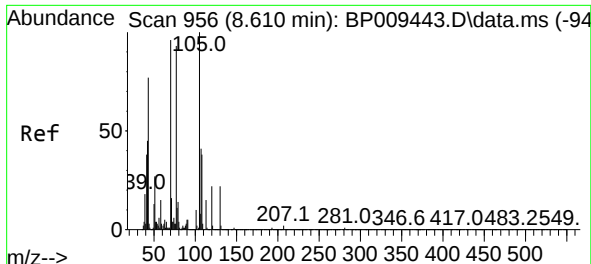
Tgt Ion:107 Resp: 1336859  
Ion Ratio Lower Upper  
107 100  
108 111.1 90.2 135.2  
77 46.0 36.3 54.5  
79 44.9 35.4 53.0



#18  
Hexachloroethane  
Concen: 44.707 ng  
RT: 8.863 min Scan# 999  
Delta R.T. 0.000 min  
Lab File: BP009514.D  
Acq: 23 Mar 2022 19:45

Tgt Ion:117 Resp: 590289  
Ion Ratio Lower Upper  
117 100  
119 95.6 76.4 114.6  
201 113.4 83.4 125.2

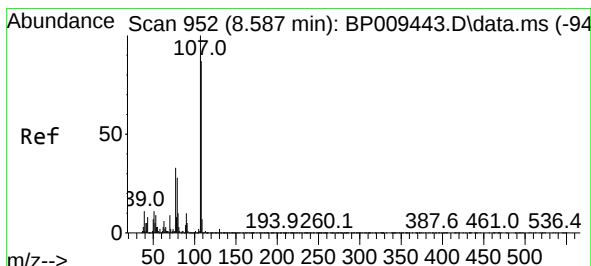
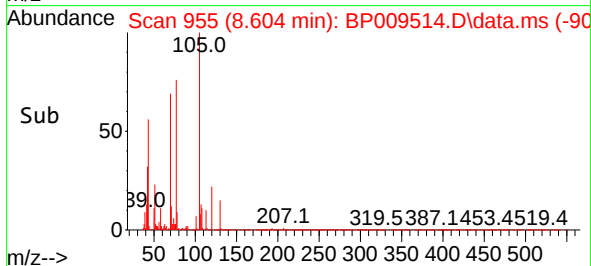
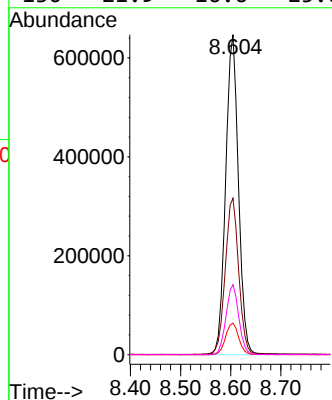
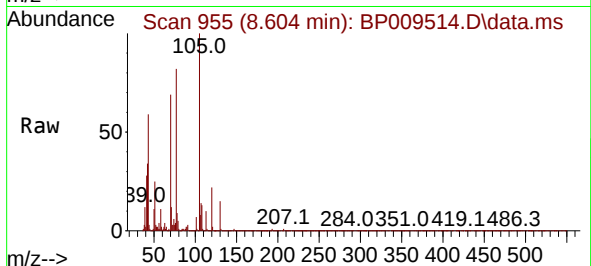




#19  
n-Nitroso-di-n-propylamine  
Concen: 46.890 ng  
RT: 8.604 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: BP009514.D  
Acq: 23 Mar 2022 19:45

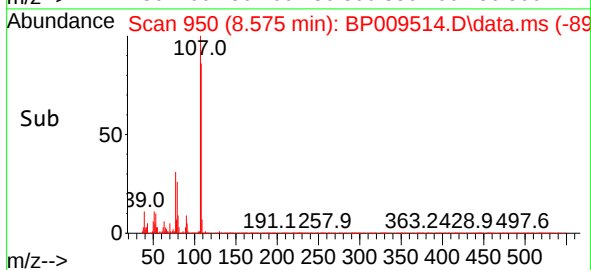
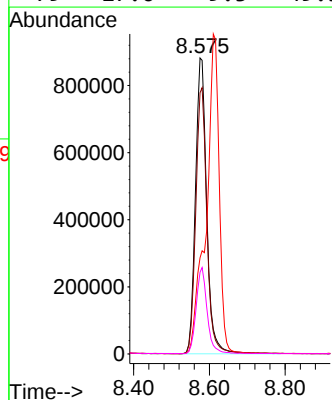
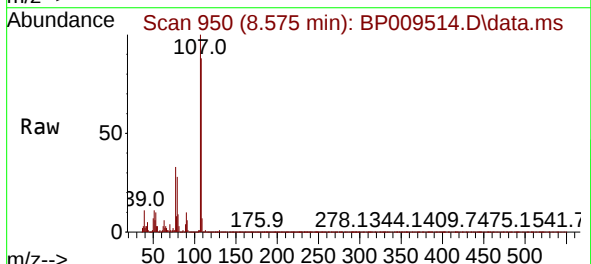
Instrument :  
BNA\_P  
ClientSampleId :  
CMP-B2-031822-2-5MSD

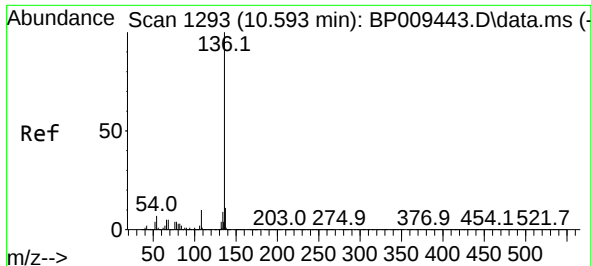
Tgt Ion: 70 Resp: 1148372  
Ion Ratio Lower Upper  
70 100  
42 48.9 41.0 61.4  
101 9.9 7.9 11.9  
130 21.9 16.6 25.0



#20  
3+4-Methylphenols  
Concen: 49.563 ng  
RT: 8.575 min Scan# 950  
Delta R.T. 0.000 min  
Lab File: BP009514.D  
Acq: 23 Mar 2022 19:45

Tgt Ion: 107 Resp: 1824284  
Ion Ratio Lower Upper  
107 100  
108 88.2 69.4 109.4  
77 32.5 13.6 53.6  
79 27.6 9.3 49.3

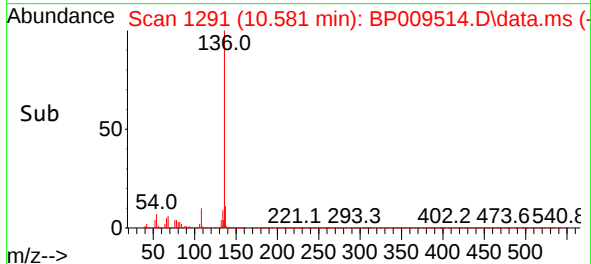
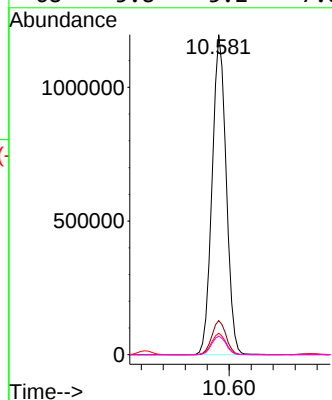
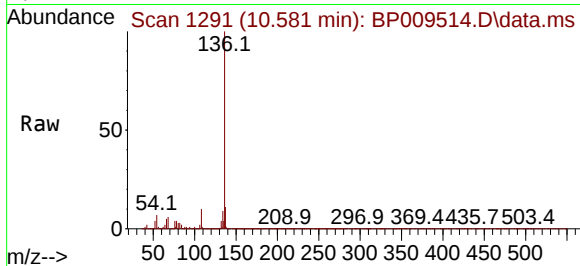




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.581 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BP009514.D  
Acq: 23 Mar 2022 19:45

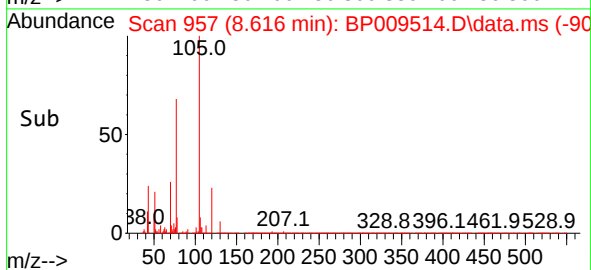
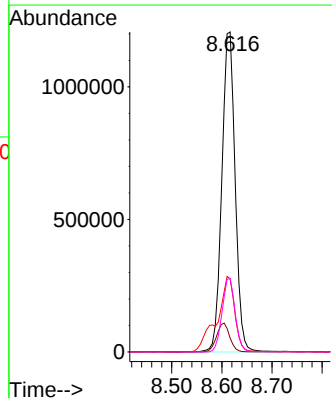
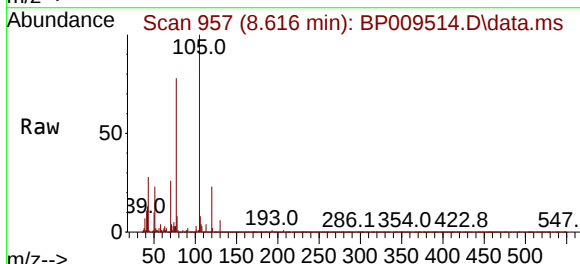
Instrument :  
BNA\_P  
ClientSampleId :  
CMP-B2-031822-2-5MSD

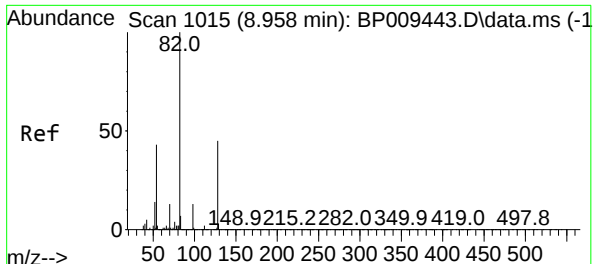
Tgt Ion:136 Resp: 2125048  
Ion Ratio Lower Upper  
136 100  
137 10.6 8.6 12.8  
54 6.7 5.8 8.8  
68 5.8 5.2 7.8



#22  
Acetophenone  
Concen: 42.389 ng  
RT: 8.616 min Scan# 957  
Delta R.T. 0.006 min  
Lab File: BP009514.D  
Acq: 23 Mar 2022 19:45

Tgt Ion:105 Resp: 2229500  
Ion Ratio Lower Upper  
105 100  
71 4.4 5.5 8.3#  
51 22.9 18.9 28.3  
120 22.9 18.1 27.1





#23

Nitrobenzene-d5

Concen: 74.309 ng

RT: 8.946 min Scan# 1013

Delta R.T. 0.000 min

Lab File: BP009514.D

Acq: 23 Mar 2022 19:45

Instrument :

BNA\_P

ClientSampleId :

CMP-B2-031822-2-5MSD

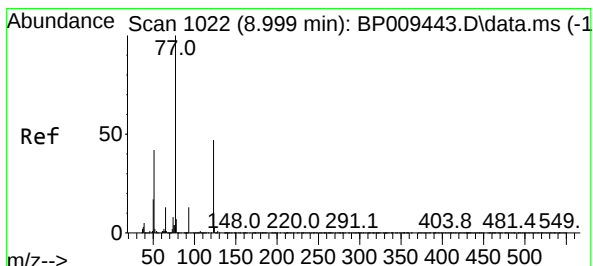
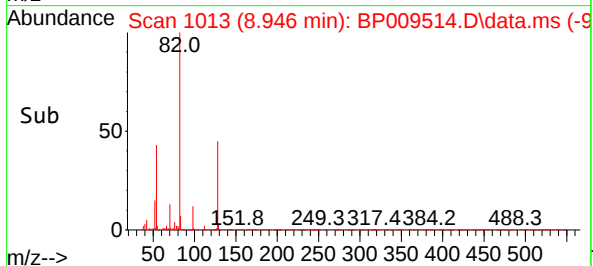
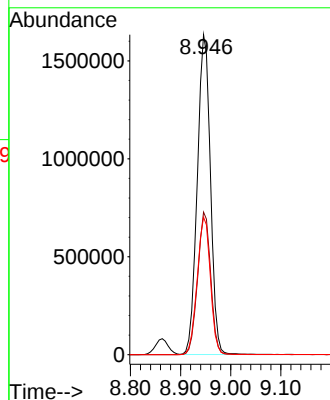
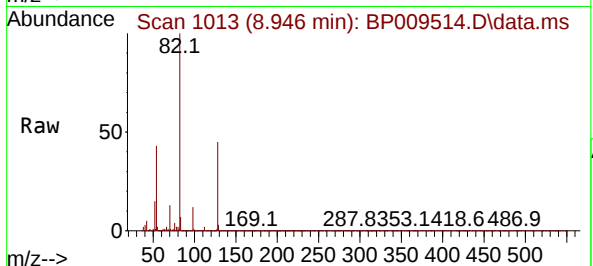
Tgt Ion: 82 Resp: 2971553

Ion Ratio Lower Upper

82 100

128 44.5 34.2 51.4

54 43.0 34.7 52.1



#24

Nitrobenzene

Concen: 44.906 ng

RT: 8.987 min Scan# 1020

Delta R.T. 0.000 min

Lab File: BP009514.D

Acq: 23 Mar 2022 19:45

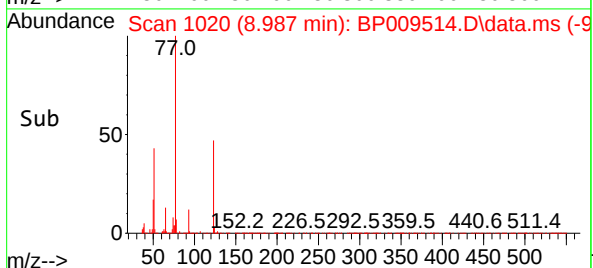
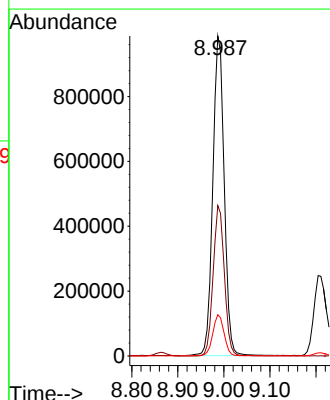
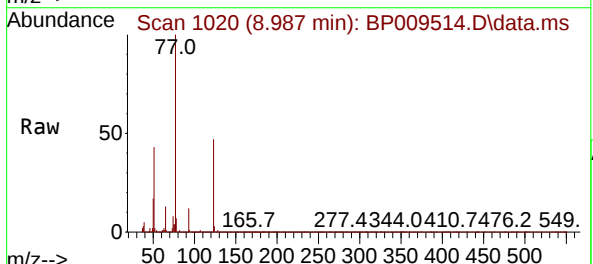
Tgt Ion: 77 Resp: 1696388

Ion Ratio Lower Upper

77 100

123 47.0 35.5 53.3

65 12.9 10.3 15.5

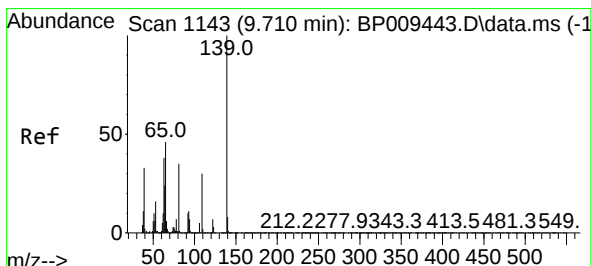
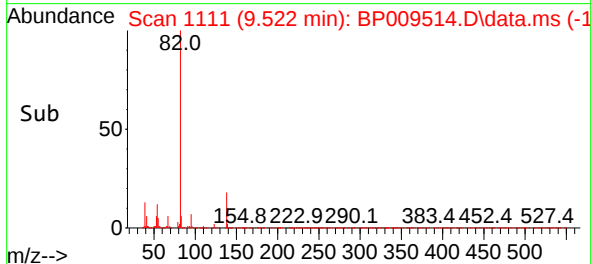
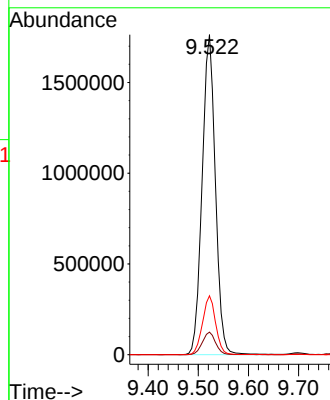
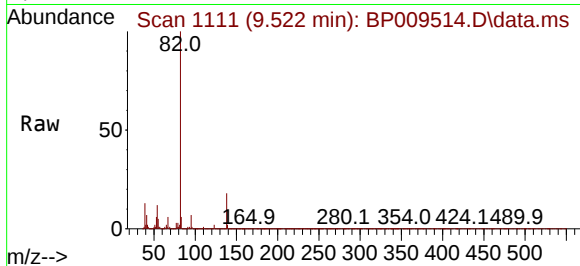




#25  
Isophorone  
Concen: 47.473 ng  
RT: 9.522 min Scan# 1112  
Delta R.T. 0.000 min  
Lab File: BP009514.D  
Acq: 23 Mar 2022 19:45

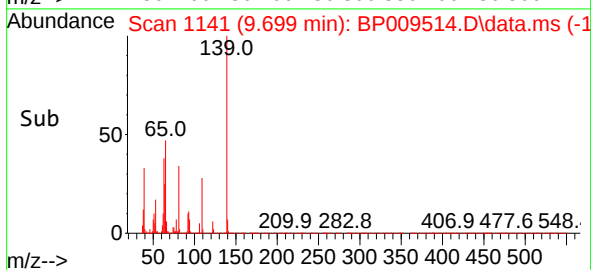
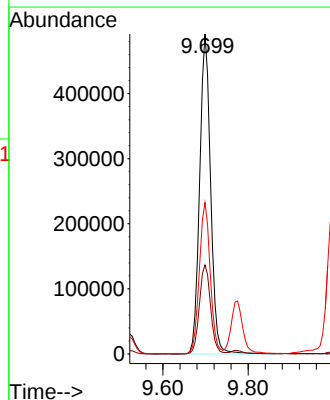
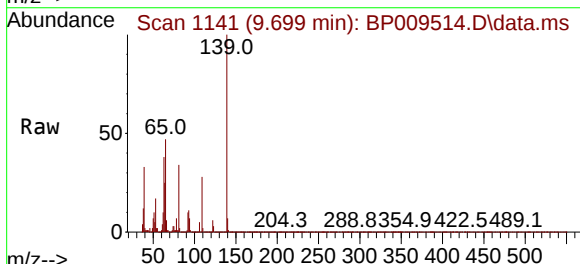
Instrument :  
BNA\_P  
ClientSampleId :  
CMP-B2-031822-2-5MSD

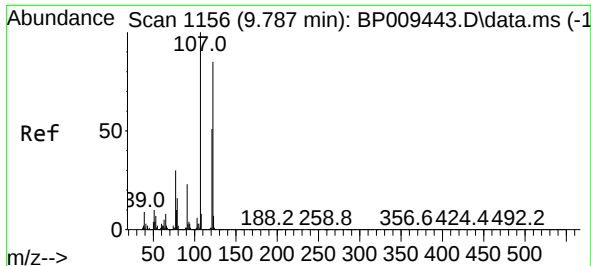
Tgt Ion: 82 Resp: 3238193  
Ion Ratio Lower Upper  
82 100  
95 7.0 5.5 8.3  
138 18.4 13.8 20.8



#26  
2-Nitrophenol  
Concen: 44.569 ng  
RT: 9.699 min Scan# 1141  
Delta R.T. 0.000 min  
Lab File: BP009514.D  
Acq: 23 Mar 2022 19:45

Tgt Ion: 139 Resp: 877593  
Ion Ratio Lower Upper  
139 100  
109 27.8 23.4 35.0  
65 47.3 41.0 61.6

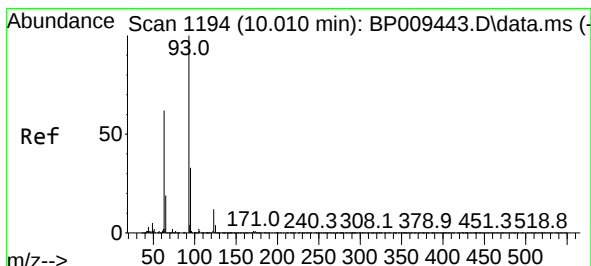
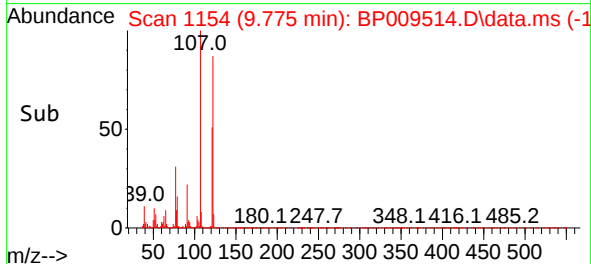
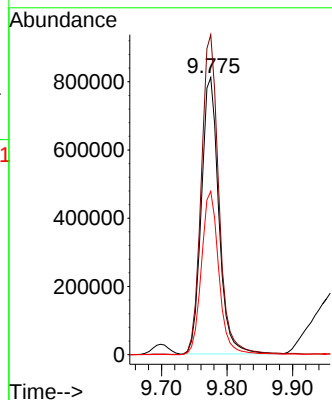
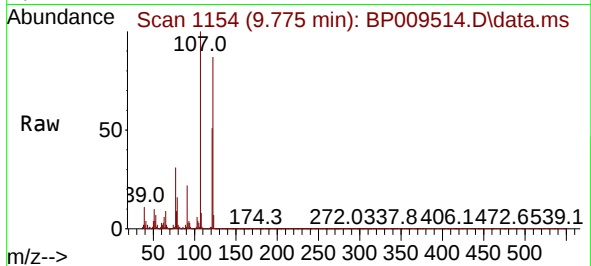




#27  
2,4-Dimethylphenol  
Concen: 53.889 ng  
RT: 9.775 min Scan# 1154  
Delta R.T. 0.000 min  
Lab File: BP009514.D  
Acq: 23 Mar 2022 19:45

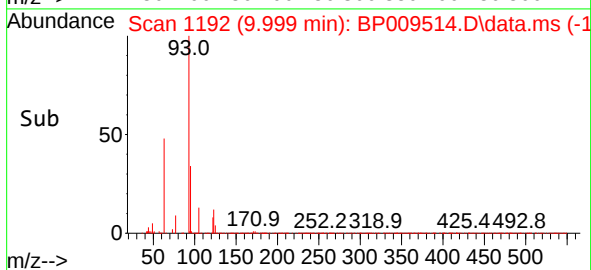
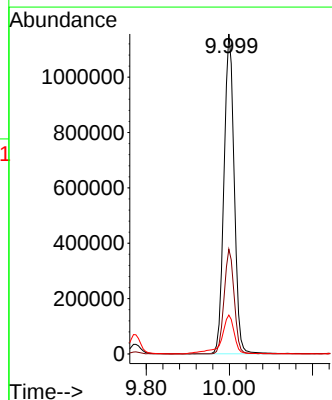
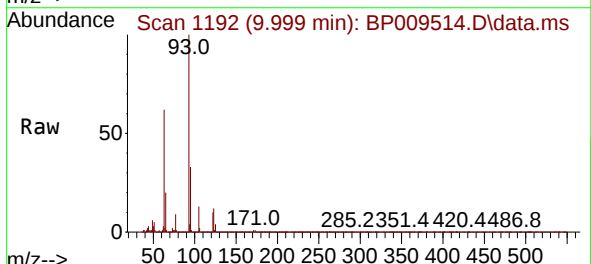
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BNA\_P  
ClientSampleId :  
CMP-B2-031822-2-5MSD

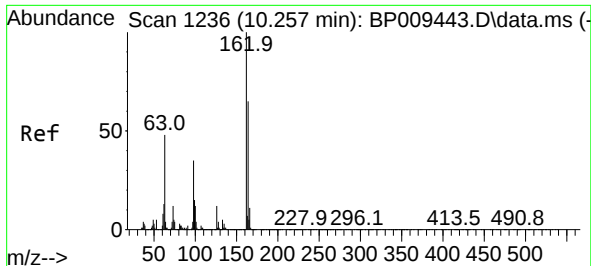
Tgt Ion:122 Resp: 1497302  
Ion Ratio Lower Upper  
122 100  
107 115.5 92.6 138.8  
121 58.9 46.7 70.1



#28  
bis(2-Chloroethoxy)methane  
Concen: 44.565 ng  
RT: 9.999 min Scan# 1192  
Delta R.T. 0.000 min  
Lab File: BP009514.D  
Acq: 23 Mar 2022 19:45

Tgt Ion: 93 Resp: 1979261  
Ion Ratio Lower Upper  
93 100  
95 32.7 25.5 38.3  
123 12.2 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 46.446 ng

RT: 10.246 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP009514.D

Acq: 23 Mar 2022 19:45

Instrument :

BNA\_P

ClientSampleId :

CMP-B2-031822-2-5MSD

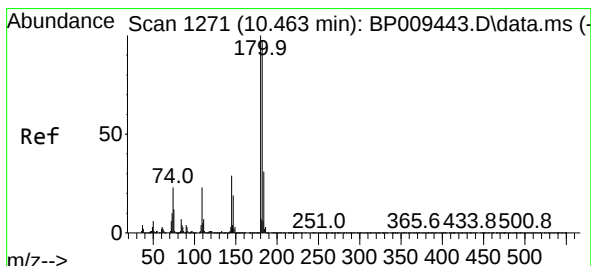
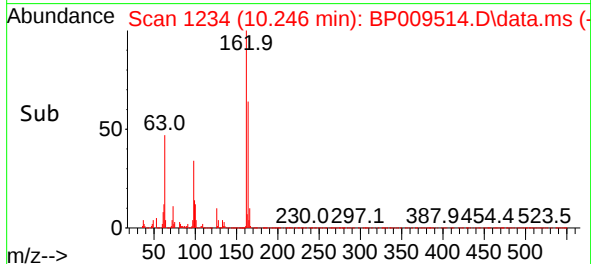
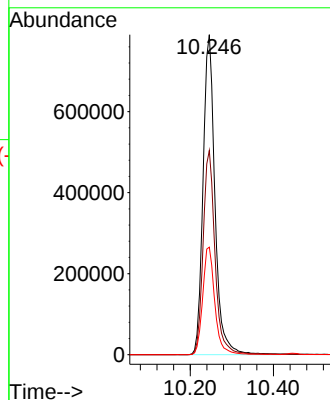
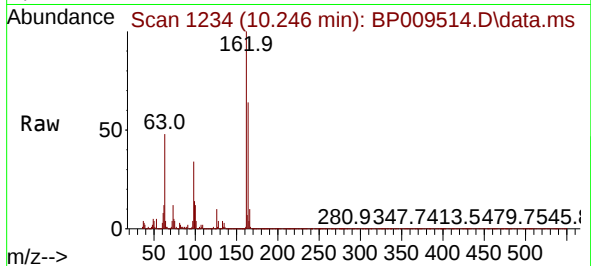
Tgt Ion:162 Resp: 1574109

Ion Ratio Lower Upper

162 100

164 63.8 44.3 84.3

98 33.6 15.6 55.6



#30

1,2,4-Trichlorobenzene

Concen: 41.575 ng

RT: 10.446 min Scan# 1268

Delta R.T. -0.006 min

Lab File: BP009514.D

Acq: 23 Mar 2022 19:45

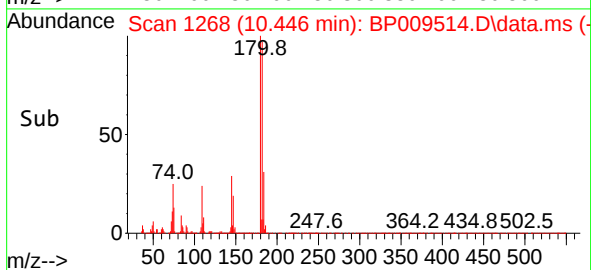
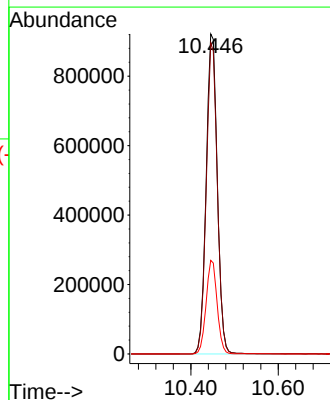
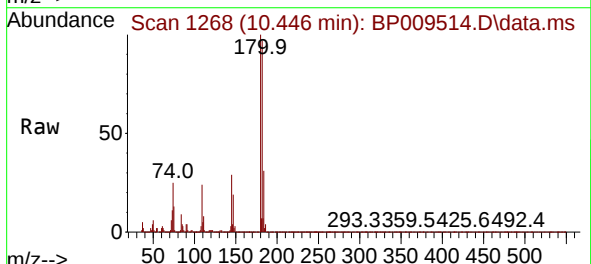
Tgt Ion:180 Resp: 1632462

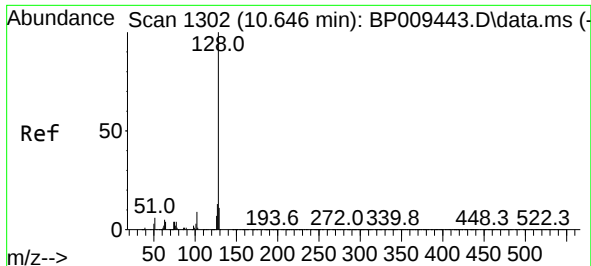
Ion Ratio Lower Upper

180 100

182 97.2 76.4 114.6

145 29.3 23.8 35.6

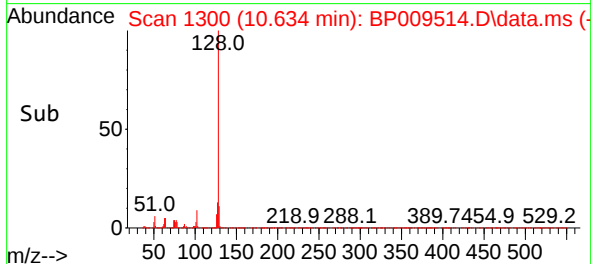
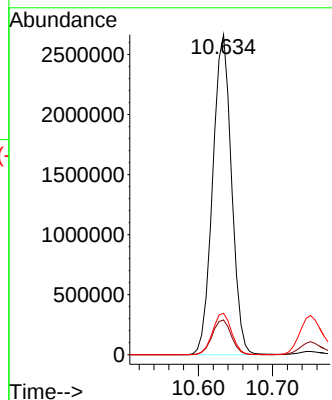
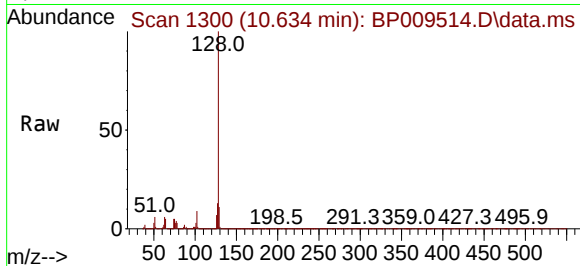




#31  
Naphthalene  
Concen: 42.903 ng  
RT: 10.634 min Scan# 1190  
Delta R.T. 0.000 min  
Lab File: BP009514.D  
Acq: 23 Mar 2022 19:45

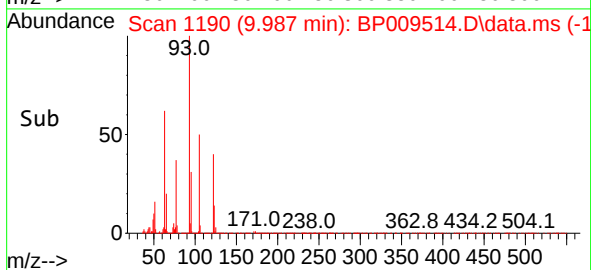
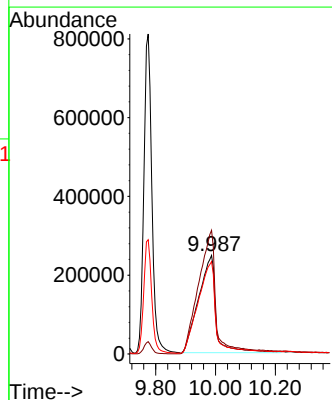
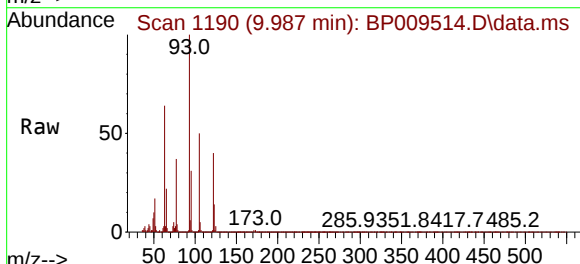
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BNA\_P  
ClientSampleId :  
CMP-B2-031822-2-5MSD

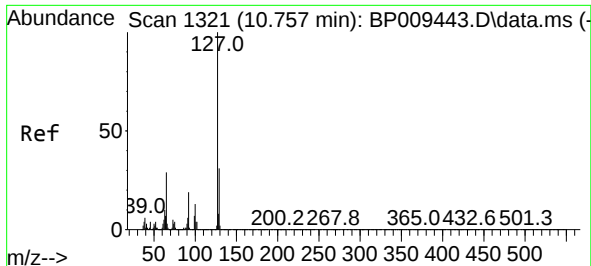
Tgt Ion:128 Resp: 4696169  
Ion Ratio Lower Upper  
128 100  
129 10.9 8.6 13.0  
127 13.0 10.5 15.7



#32  
Benzoic acid  
Concen: 46.359 ng  
RT: 9.987 min Scan# 1190  
Delta R.T. 0.018 min  
Lab File: BP009514.D  
Acq: 23 Mar 2022 19:45

Tgt Ion:122 Resp: 1007059  
Ion Ratio Lower Upper  
122 100  
105 125.5 110.5 150.5  
77 93.8 79.9 119.9

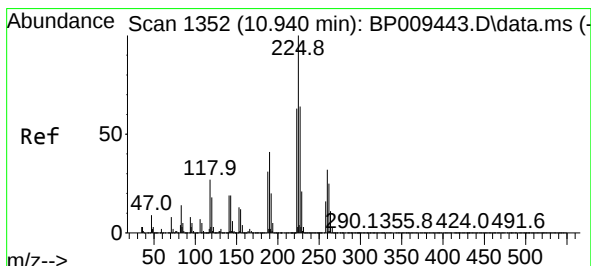
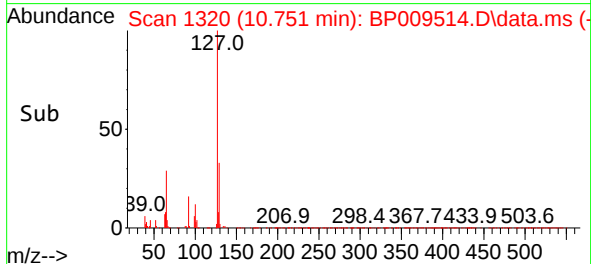
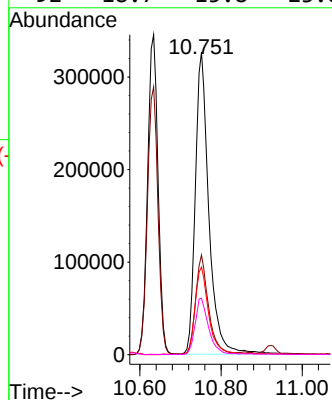
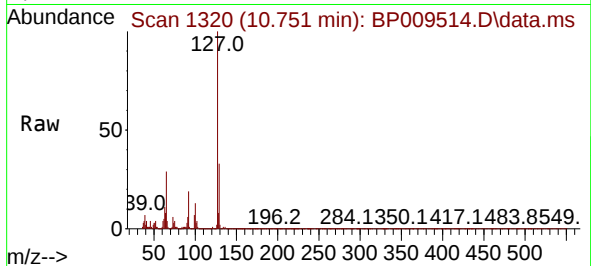




#33  
4-Chloroaniline  
Concen: 16.988 ng  
RT: 10.751 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BP009514.D  
Acq: 23 Mar 2022 19:45

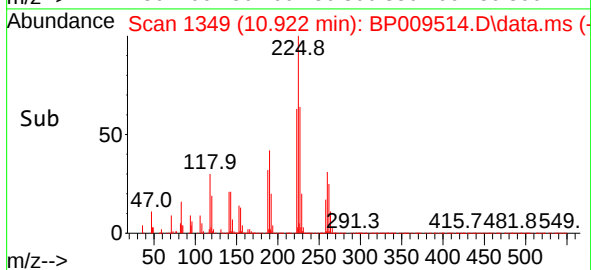
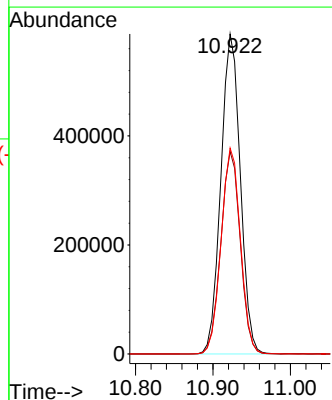
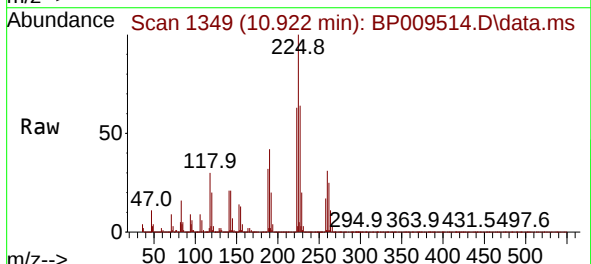
Instrument :  
BNA\_P  
ClientSampleId :  
CMP-B2-031822-2-5MSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 758808 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.9  | 25.5  | 38.3   |
| 65       | 28.9  | 24.3  | 36.5   |
| 92       | 18.7  | 15.8  | 23.8   |



#34  
Hexachlorobutadiene  
Concen: 38.565 ng  
RT: 10.922 min Scan# 1349  
Delta R.T. 0.000 min  
Lab File: BP009514.D  
Acq: 23 Mar 2022 19:45

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 225   | Resp: | 1026040 |
| Ion      | Ratio | Lower | Upper   |
| 225      | 100   |       |         |
| 223      | 63.2  | 50.5  | 75.7    |
| 227      | 64.4  | 51.2  | 76.8    |

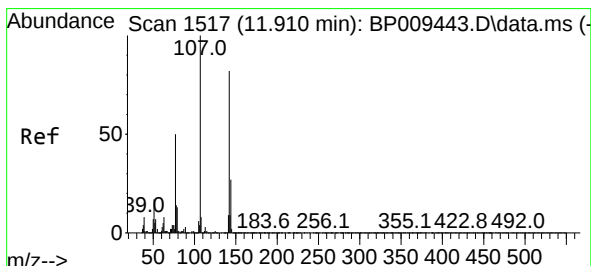
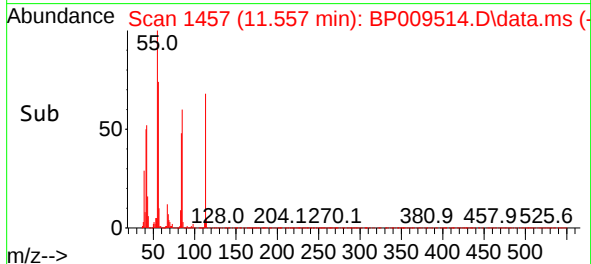
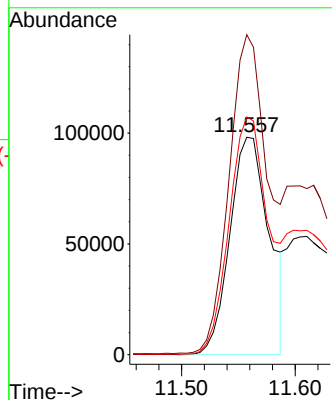
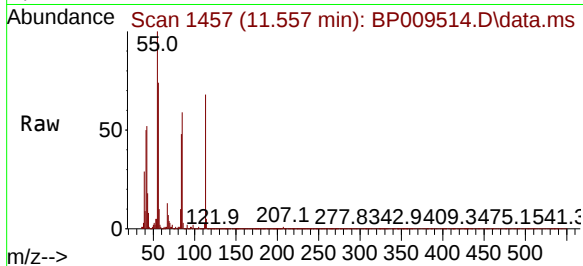




#35  
Caprolactam  
Concen: 20.491 ng  
RT: 11.557 min Scan# 1456  
Delta R.T. 0.000 min  
Lab File: BP009514.D  
Acq: 23 Mar 2022 19:45

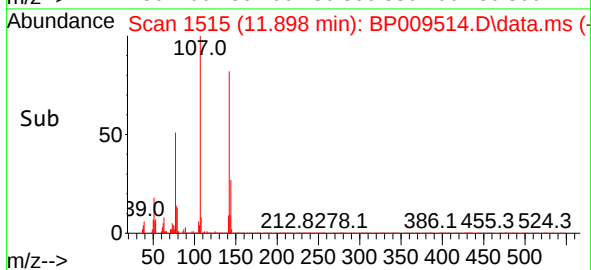
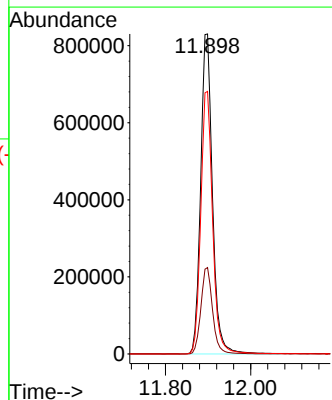
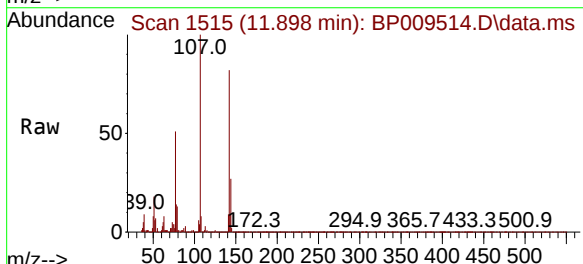
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BNA\_P  
ClientSampleId :  
CMP-B2-031822-2-5MSD

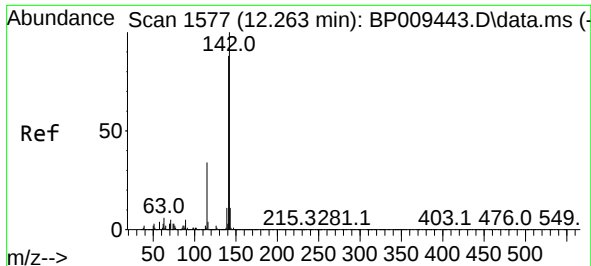
Tgt Ion:113 Resp: 234372  
Ion Ratio Lower Upper  
113 100  
55 147.2 128.4 168.4  
56 109.3 90.9 130.9



#36  
4-Chloro-3-methylphenol  
Concen: 43.883 ng  
RT: 11.898 min Scan# 1515  
Delta R.T. 0.006 min  
Lab File: BP009514.D  
Acq: 23 Mar 2022 19:45

Tgt Ion:107 Resp: 1598159  
Ion Ratio Lower Upper  
107 100  
144 27.0 21.0 31.4  
142 82.1 64.9 97.3

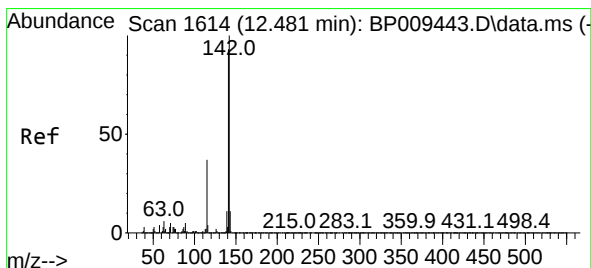
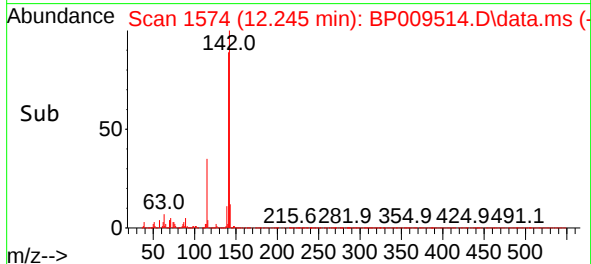
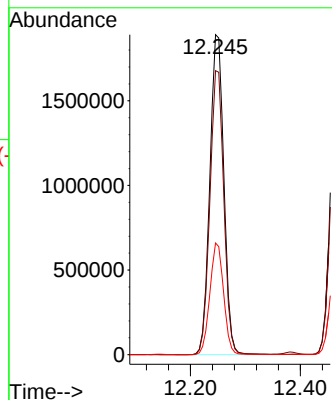
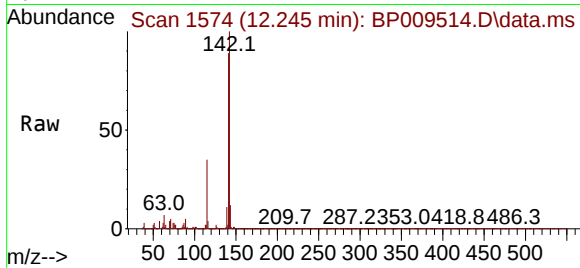




#37  
2-Methylnaphthalene  
Concen: 43.611 ng  
RT: 12.245 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BP009514.D  
Acq: 23 Mar 2022 19:45

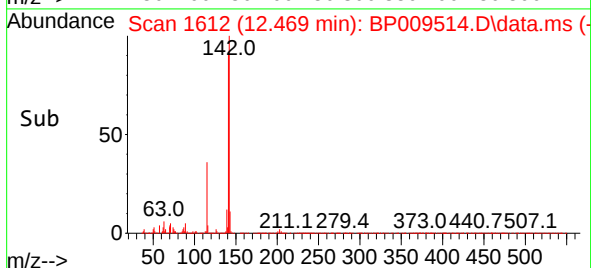
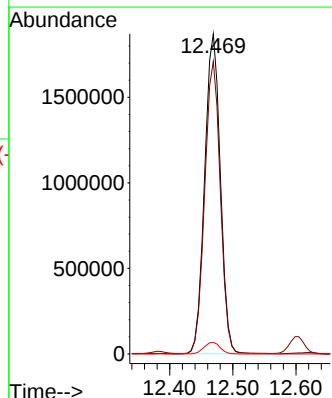
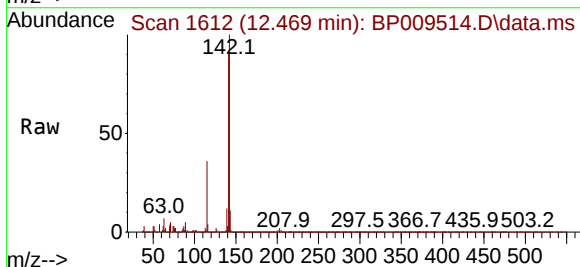
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BNA\_P  
ClientSampleId :  
CMP-B2-031822-2-5MSD

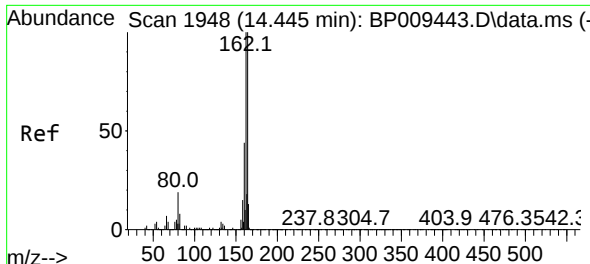
Tgt Ion:142 Resp: 3349430  
Ion Ratio Lower Upper  
142 100  
141 88.7 70.2 105.4  
115 34.9 27.4 41.2



#38  
1-Methylnaphthalene  
Concen: 43.028 ng  
RT: 12.469 min Scan# 1612  
Delta R.T. 0.000 min  
Lab File: BP009514.D  
Acq: 23 Mar 2022 19:45

Tgt Ion:142 Resp: 3219258  
Ion Ratio Lower Upper  
142 100  
141 91.4 73.5 110.3  
116 3.6 3.3 4.9

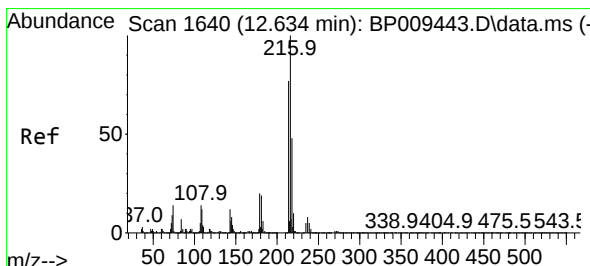
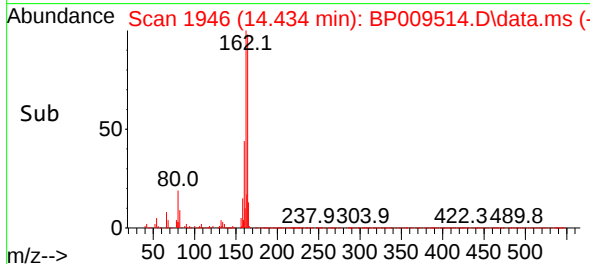
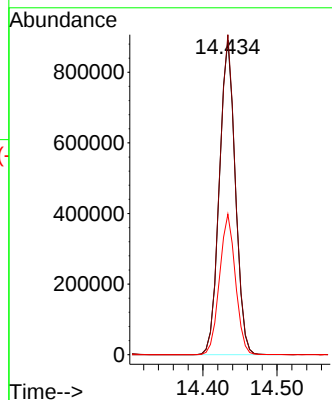
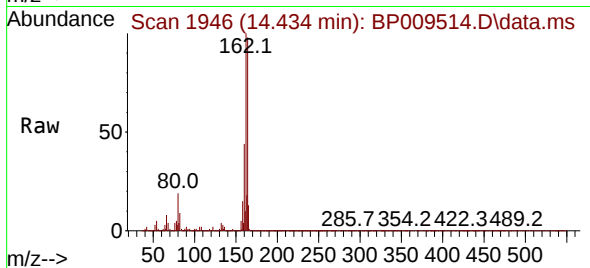




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.434 min Scan# 1948  
Delta R.T. 0.000 min  
Lab File: BP009514.D  
Acq: 23 Mar 2022 19:45

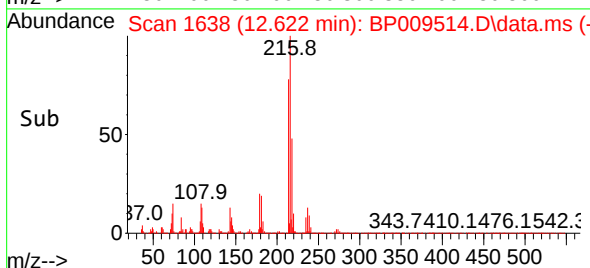
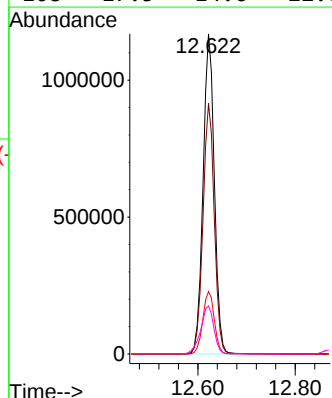
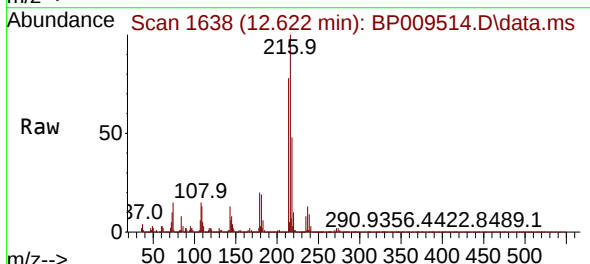
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BNA\_P  
ClientSampleId :  
CMP-B2-031822-2-5MSD

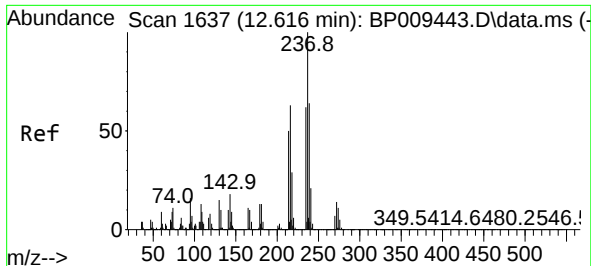
Tgt Ion:164 Resp: 1330123  
Ion Ratio Lower Upper  
164 100  
162 101.7 79.1 118.7  
160 44.6 34.9 52.3



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 42.348 ng  
RT: 12.622 min Scan# 1638  
Delta R.T. 0.000 min  
Lab File: BP009514.D  
Acq: 23 Mar 2022 19:45

Tgt Ion:216 Resp: 1868924  
Ion Ratio Lower Upper  
216 100  
214 78.8 62.3 93.5  
179 20.0 16.8 25.2  
108 17.5 14.6 22.0

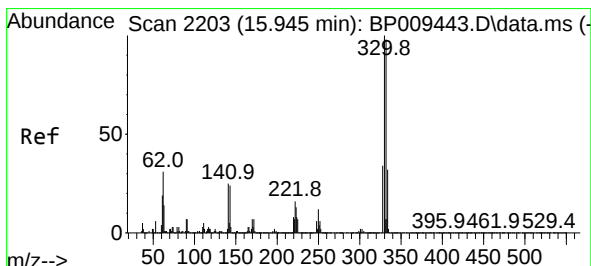
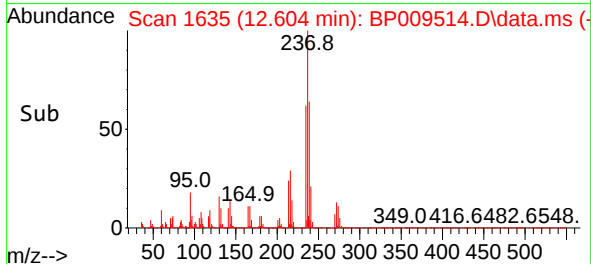
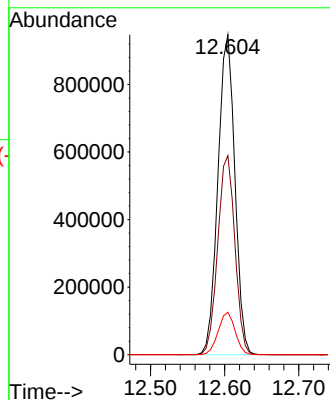
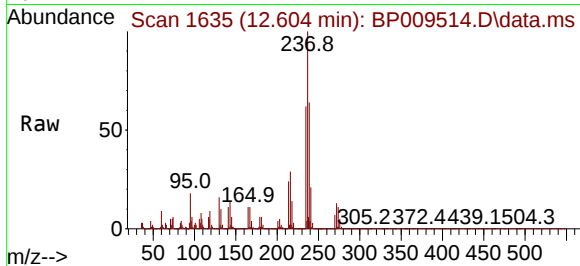




#41  
Hexachlorocyclopentadiene  
Concen: 78.427 ng  
RT: 12.604 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: BP009514.D  
Acq: 23 Mar 2022 19:45

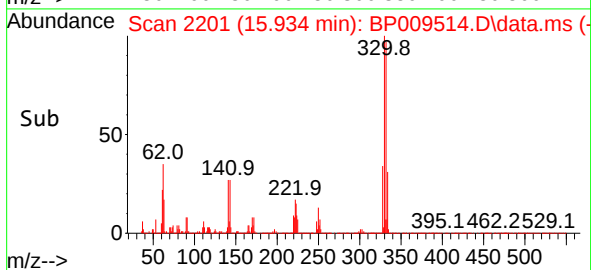
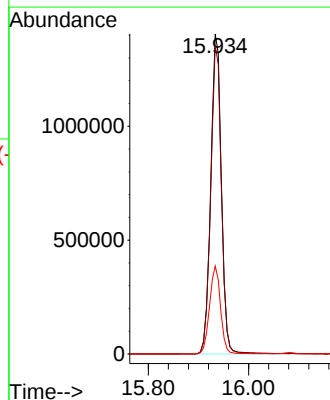
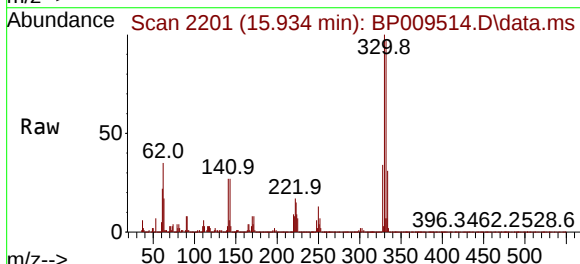
Instrument :  
BNA\_P  
ClientSampleId :  
CMP-B2-031822-2-5MSD

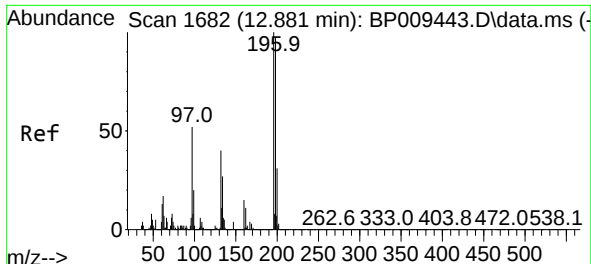
Tgt Ion:237 Resp: 1503589  
Ion Ratio Lower Upper  
237 100  
235 62.2 42.6 82.6  
272 13.2 0.0 32.8



#42  
2,4,6-Tribromophenol  
Concen: 94.458 ng  
RT: 15.934 min Scan# 2201  
Delta R.T. 0.000 min  
Lab File: BP009514.D  
Acq: 23 Mar 2022 19:45

Tgt Ion:330 Resp: 2073293  
Ion Ratio Lower Upper  
330 100  
332 96.6 77.0 115.6  
141 28.3 27.6 41.4

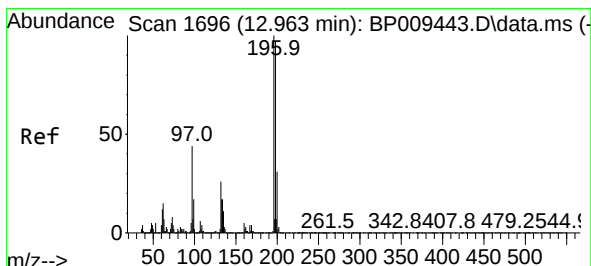
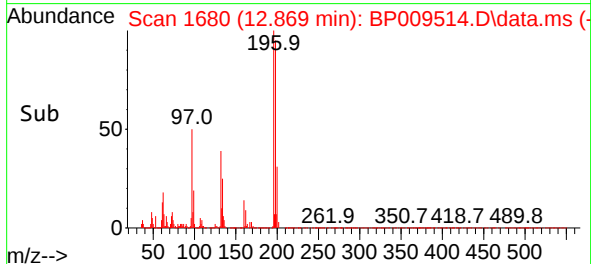
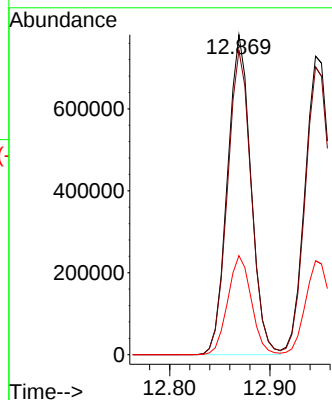
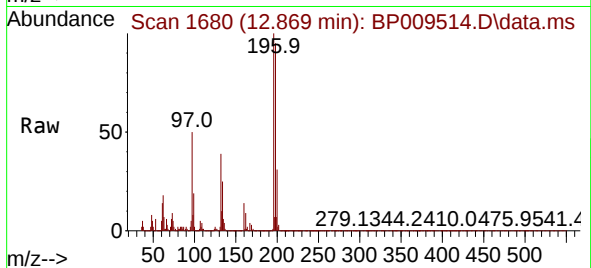




#43  
2,4,6-Trichlorophenol  
Concen: 43.396 ng  
RT: 12.869 min Scan# 1680  
Delta R.T. 0.000 min  
Lab File: BP009514.D  
Acq: 23 Mar 2022 19:45

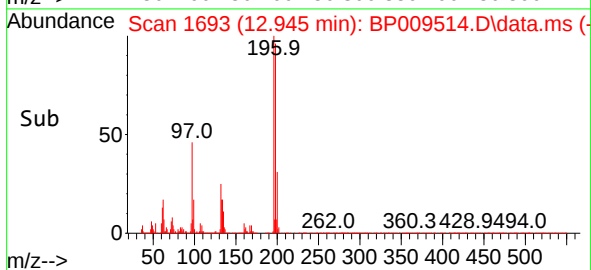
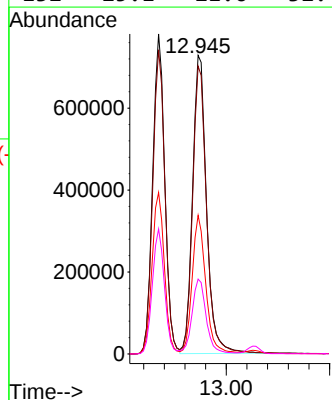
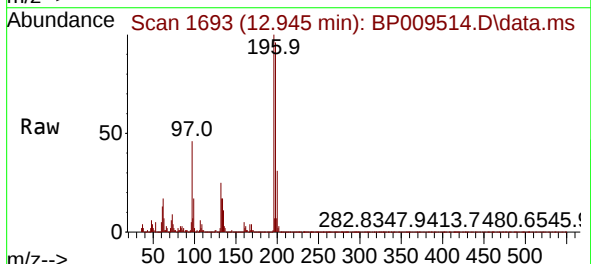
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BNA\_P  
ClientSampleId :  
CMP-B2-031822-2-5MSD

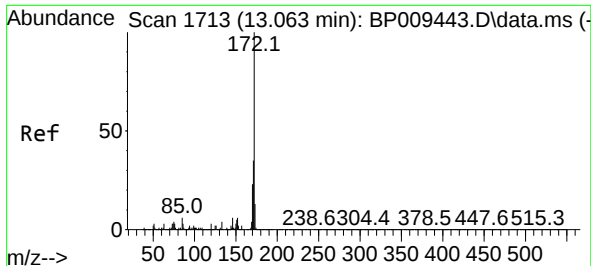
Tgt Ion:196 Resp: 1269416  
Ion Ratio Lower Upper  
196 100  
198 95.1 76.2 114.4  
200 30.9 24.4 36.6



#44  
2,4,5-Trichlorophenol  
Concen: 43.121 ng  
RT: 12.945 min Scan# 1693  
Delta R.T. -0.006 min  
Lab File: BP009514.D  
Acq: 23 Mar 2022 19:45

Tgt Ion:196 Resp: 1369748  
Ion Ratio Lower Upper  
196 100  
198 96.4 76.6 114.8  
97 46.4 38.3 57.5  
132 25.1 21.6 32.4

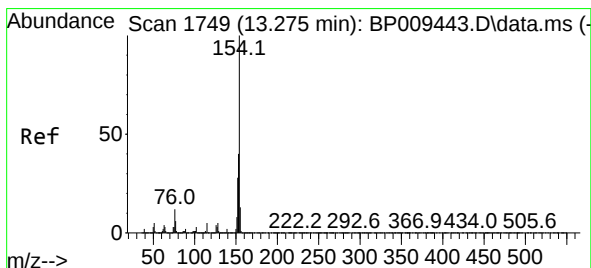
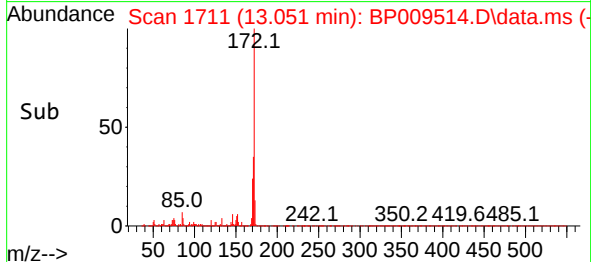
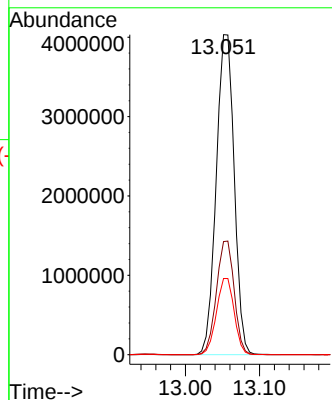
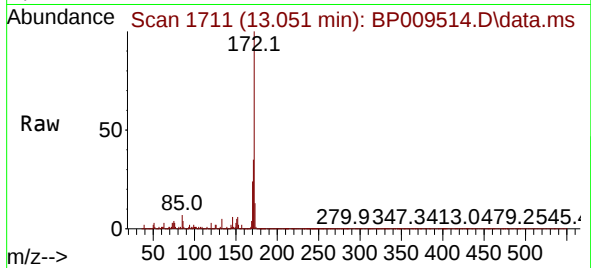




#45  
2-Fluorobiphenyl  
Concen: 70.796 ng  
RT: 13.051 min Scan# 1711  
Delta R.T. -0.006 min  
Lab File: BP009514.D  
Acq: 23 Mar 2022 19:45

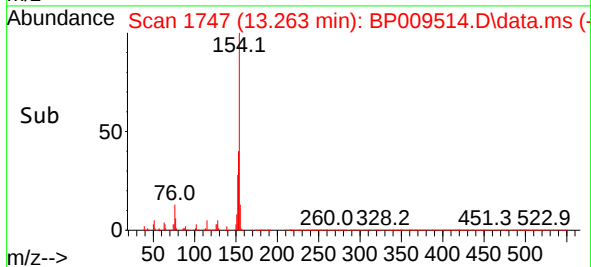
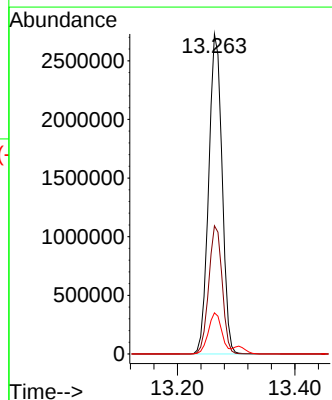
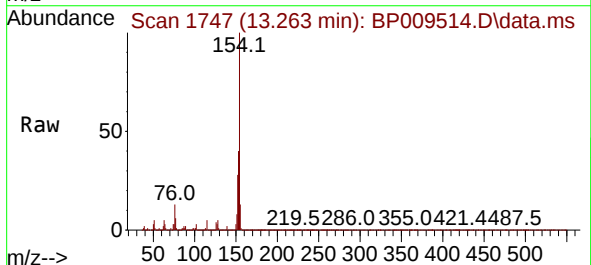
Instrument :  
BNA\_P  
ClientSampleId :  
CMP-B2-031822-2-5MSD

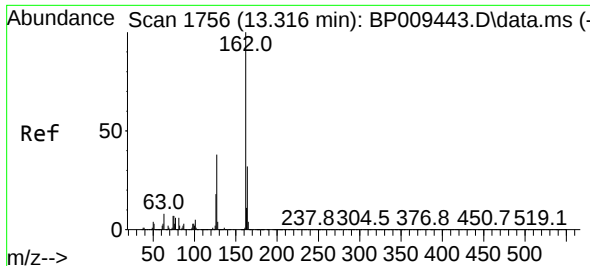
Tgt Ion:172 Resp: 6792721  
Ion Ratio Lower Upper  
172 100  
171 35.4 28.0 42.0  
170 23.8 18.6 27.8



#46  
1,1'-Biphenyl  
Concen: 43.294 ng  
RT: 13.263 min Scan# 1747  
Delta R.T. 0.000 min  
Lab File: BP009514.D  
Acq: 23 Mar 2022 19:45

Tgt Ion:154 Resp: 4295963  
Ion Ratio Lower Upper  
154 100  
153 40.1 20.2 60.2  
76 12.8 0.0 34.0

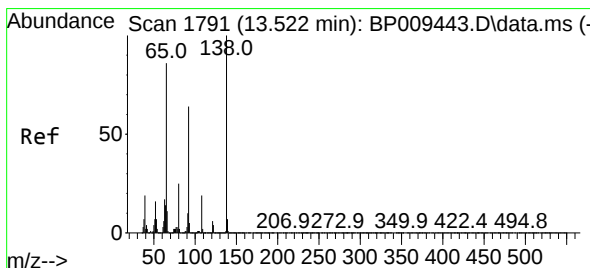
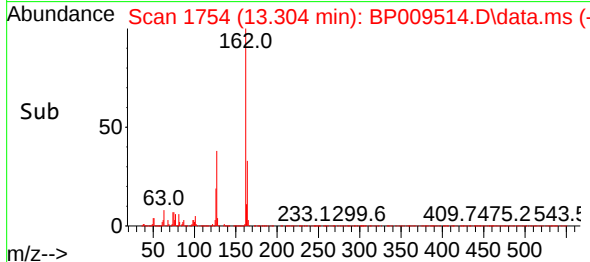
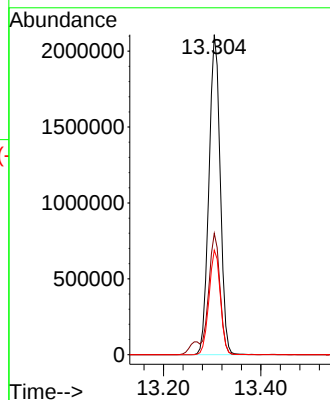
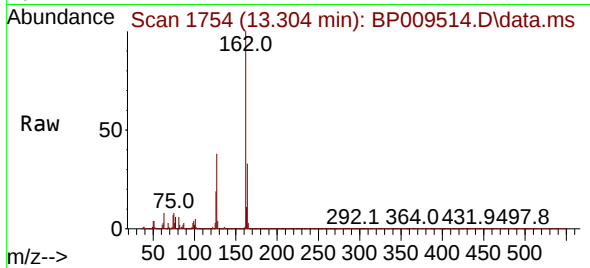




#47  
2-Chloronaphthalene  
Concen: 43.128 ng  
RT: 13.304 min Scan# 1756  
Delta R.T. 0.000 min  
Lab File: BP009514.D  
Acq: 23 Mar 2022 19:45

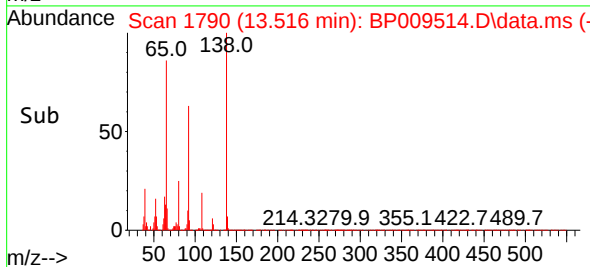
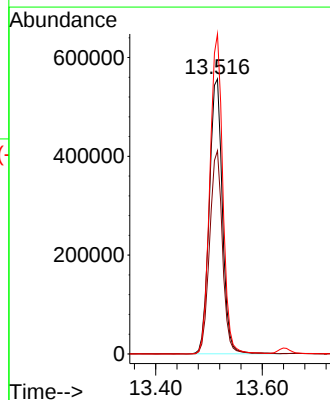
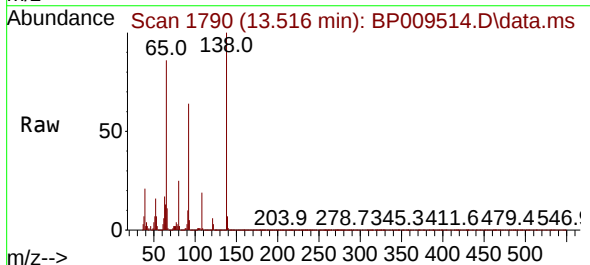
Instrument :  
BNA\_P  
ClientSampleId :  
CMP-B2-031822-2-5MSD

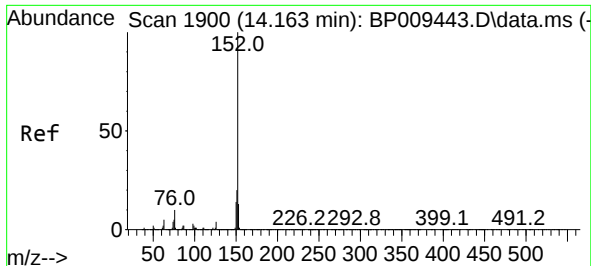
Tgt Ion:162 Resp: 3369306  
Ion Ratio Lower Upper  
162 100  
127 37.9 30.8 46.2  
164 32.7 26.3 39.5



#48  
2-Nitroaniline  
Concen: 44.796 ng  
RT: 13.516 min Scan# 1790  
Delta R.T. 0.000 min  
Lab File: BP009514.D  
Acq: 23 Mar 2022 19:45

Tgt Ion: 65 Resp: 953150  
Ion Ratio Lower Upper  
65 100  
92 73.9 56.9 85.3  
138 116.3 89.3 133.9

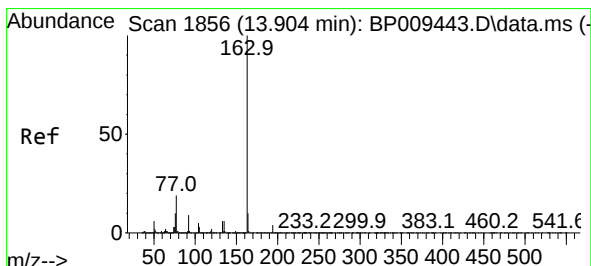
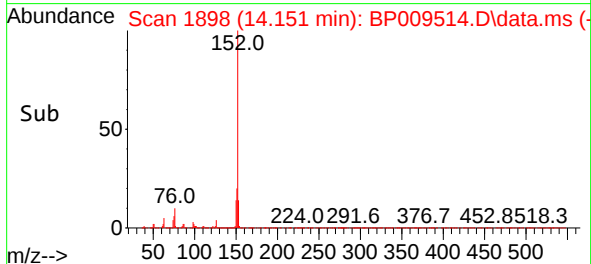
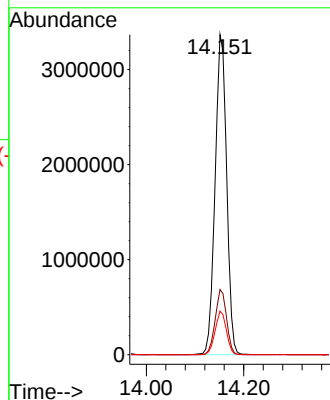
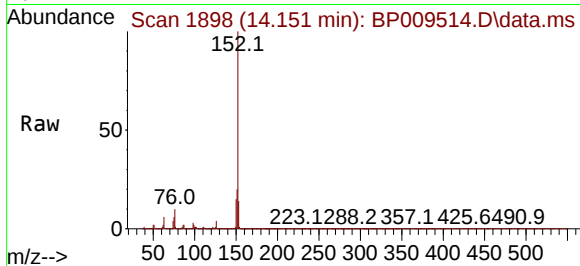




#49  
Acenaphthylene  
Concen: 45.715 ng  
RT: 14.151 min Scan# 1898  
Delta R.T. 0.000 min  
Lab File: BP009514.D  
Acq: 23 Mar 2022 19:45

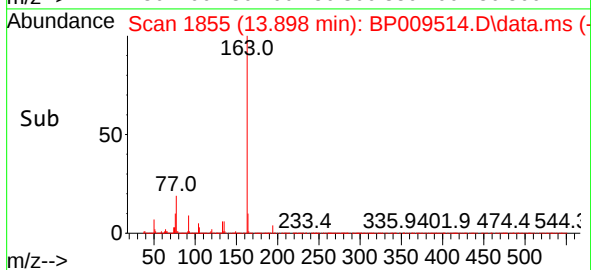
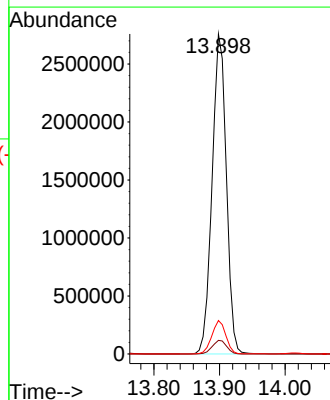
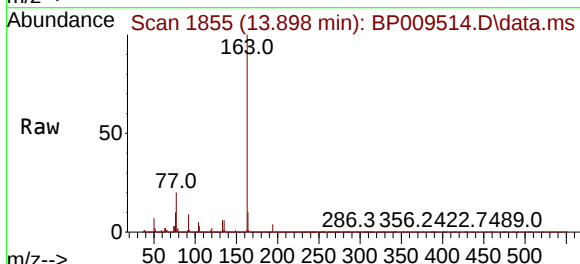
Instrument :  
BNA\_P  
ClientSampleId :  
CMP-B2-031822-2-5MSD

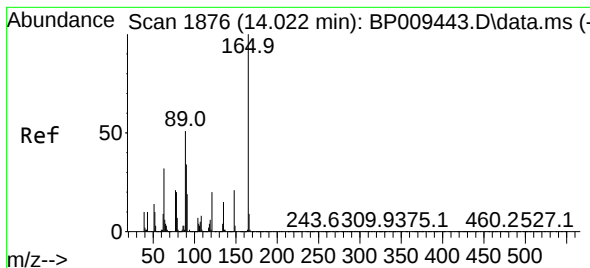
Tgt Ion:152 Resp: 5513193  
Ion Ratio Lower Upper  
152 100  
151 20.4 15.9 23.9  
153 13.6 10.7 16.1



#50  
Dimethylphthalate  
Concen: 41.309 ng  
RT: 13.898 min Scan# 1855  
Delta R.T. 0.000 min  
Lab File: BP009514.D  
Acq: 23 Mar 2022 19:45

Tgt Ion:163 Resp: 4163448  
Ion Ratio Lower Upper  
163 100  
194 4.2 3.4 5.0  
164 10.5 8.2 12.2

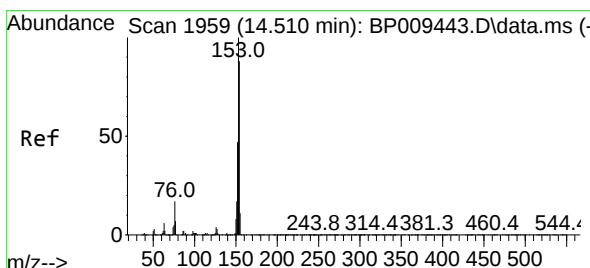
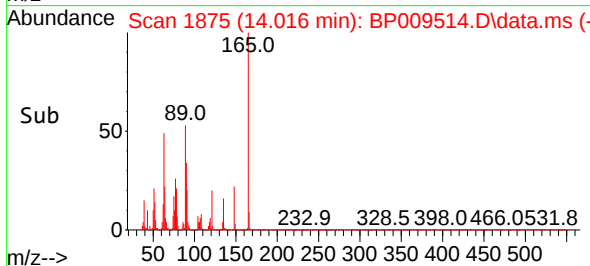
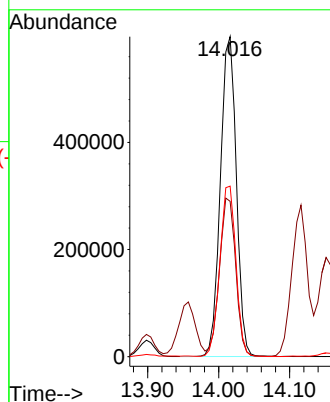
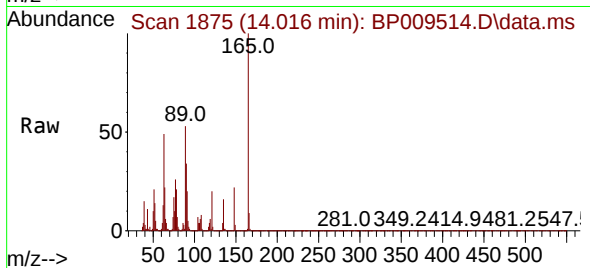




#51  
2,6-Dinitrotoluene  
Concen: 43.841 ng  
RT: 14.016 min Scan# 1875  
Delta R.T. 0.000 min  
Lab File: BP009514.D  
Acq: 23 Mar 2022 19:45

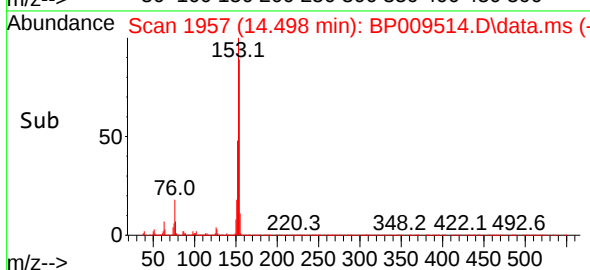
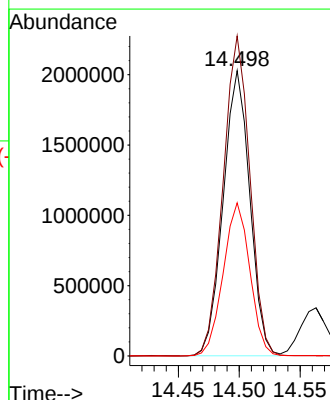
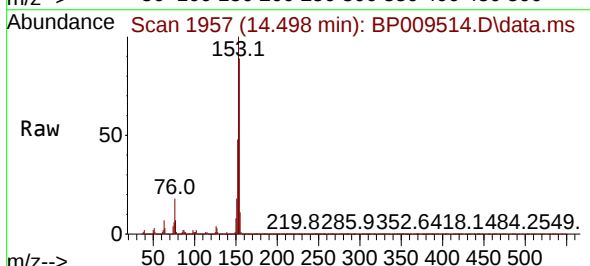
Instrument :  
BNA\_P  
ClientSampleId :  
CMP-B2-031822-2-5MSD

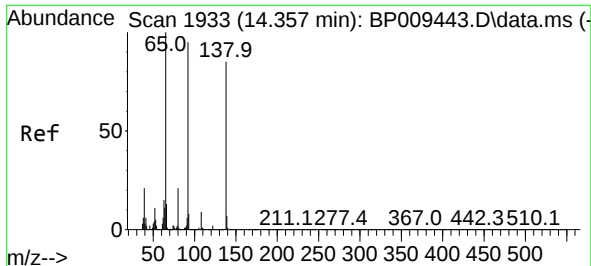
Tgt Ion:165 Resp: 925800  
Ion Ratio Lower Upper  
165 100  
63 48.6 40.9 61.3  
89 53.3 43.4 65.2



#52  
Acenaphthene  
Concen: 42.895 ng  
RT: 14.498 min Scan# 1957  
Delta R.T. 0.000 min  
Lab File: BP009514.D  
Acq: 23 Mar 2022 19:45

Tgt Ion:154 Resp: 3090230  
Ion Ratio Lower Upper  
154 100  
153 112.2 90.2 135.4  
152 53.7 42.7 64.1

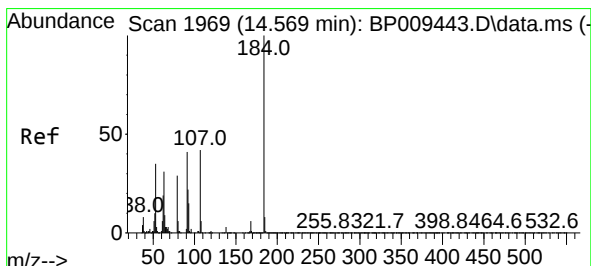
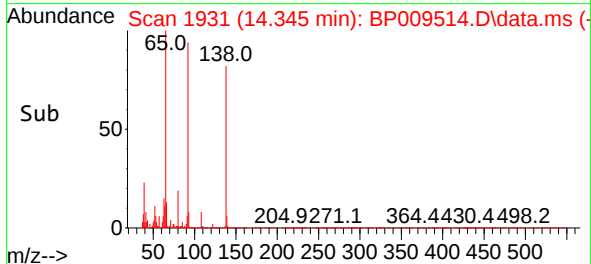
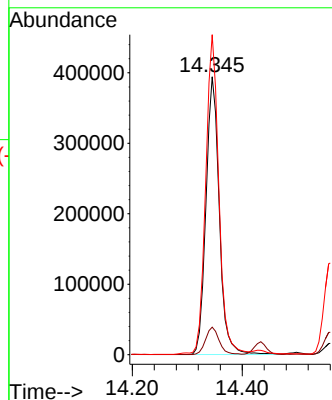
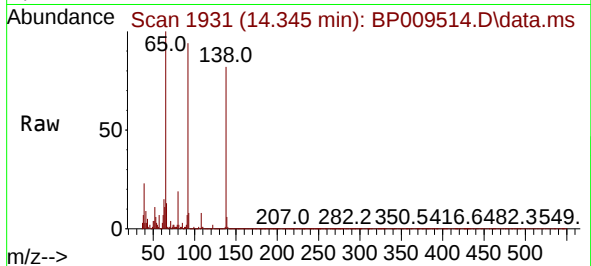




#53  
3-Nitroaniline  
Concen: 29.752 ng  
RT: 14.345 min Scan# 1933  
Delta R.T. 0.000 min  
Lab File: BP009514.D  
Acq: 23 Mar 2022 19:45

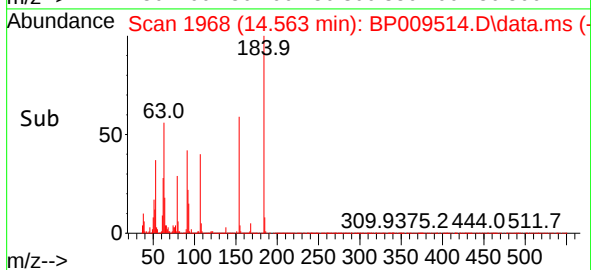
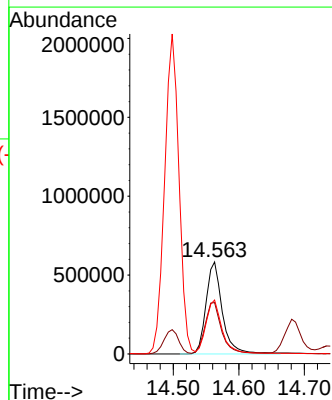
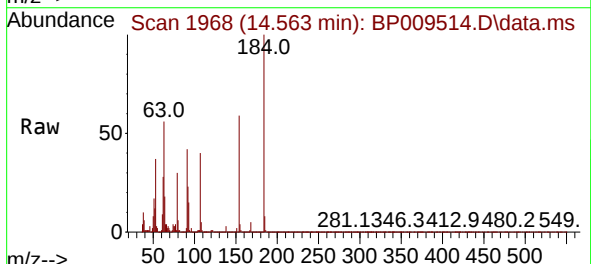
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BNA\_P  
ClientSampleId :  
CMP-B2-031822-2-5MSD

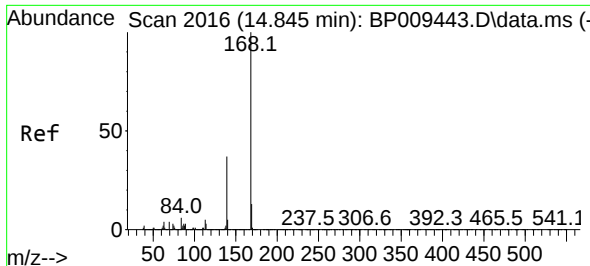
Tgt Ion:138 Resp: 663610  
Ion Ratio Lower Upper  
138 100  
108 9.9 9.7 14.5  
92 115.2 94.4 141.6



#54  
2,4-Dinitrophenol  
Concen: 77.170 ng  
RT: 14.563 min Scan# 1968  
Delta R.T. 0.000 min  
Lab File: BP009514.D  
Acq: 23 Mar 2022 19:45

Tgt Ion:184 Resp: 1010390  
Ion Ratio Lower Upper  
184 100  
63 55.8 46.3 69.5  
154 58.7 45.8 68.6

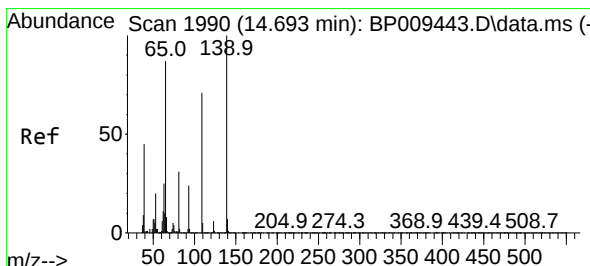
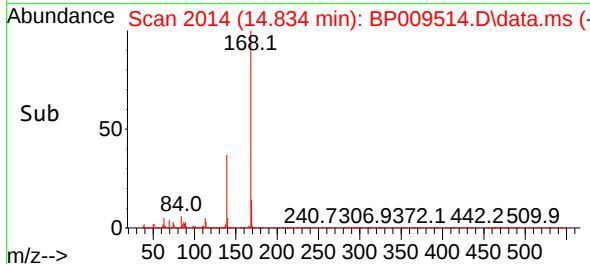
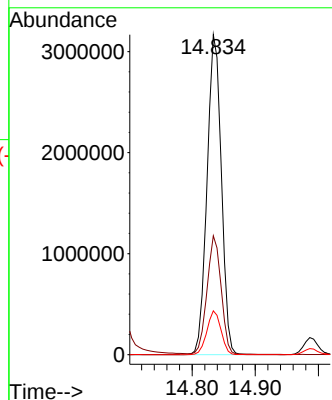
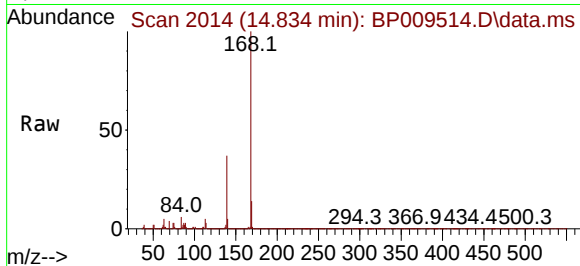




#55  
Dibenzofuran  
Concen: 40.988 ng  
RT: 14.834 min Scan# 2016  
Delta R.T. 0.000 min  
Lab File: BP009514.D  
Acq: 23 Mar 2022 19:45

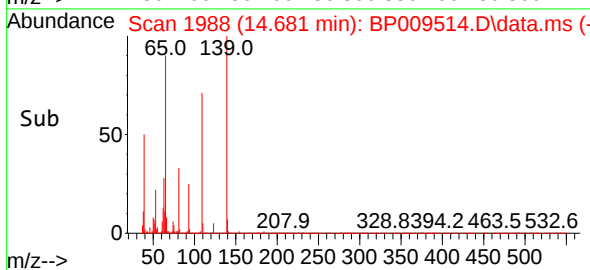
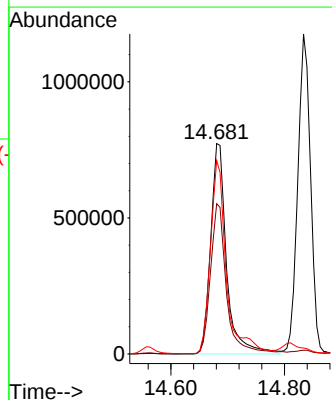
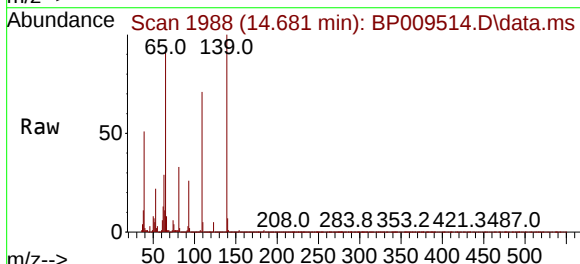
Instrument :  
BNA\_P  
ClientSampleId :  
CMP-B2-031822-2-5MSD

Tgt Ion:168 Resp: 4960729  
Ion Ratio Lower Upper  
168 100  
139 37.1 29.1 43.7  
169 13.7 10.6 16.0



#56  
4-Nitrophenol  
Concen: 89.846 ng  
RT: 14.681 min Scan# 1988  
Delta R.T. 0.000 min  
Lab File: BP009514.D  
Acq: 23 Mar 2022 19:45

Tgt Ion:139 Resp: 1493789  
Ion Ratio Lower Upper  
139 100  
109 71.4 51.2 91.2  
65 91.9 73.2 113.2

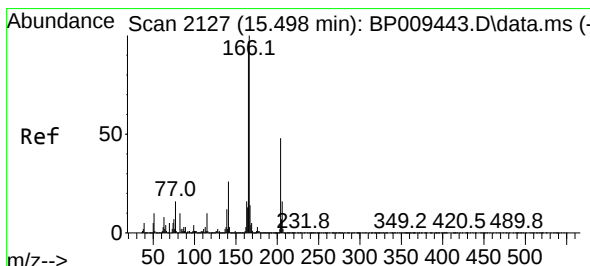
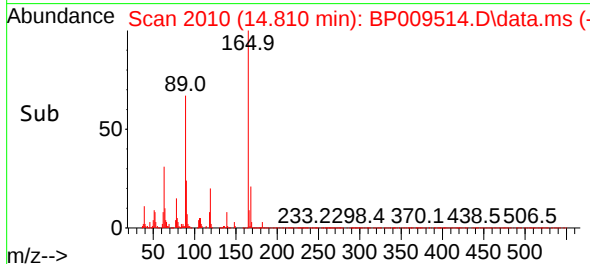
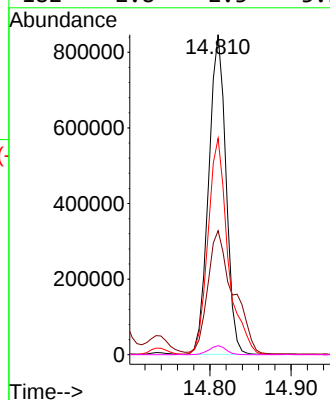
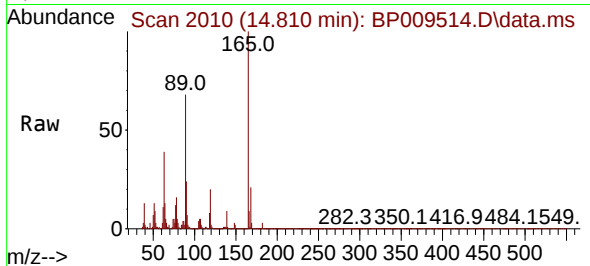




#57  
2,4-Dinitrotoluene  
Concen: 43.130 ng  
RT: 14.810 min Scan# 2011  
Delta R.T. 0.000 min  
Lab File: BP009514.D  
Acq: 23 Mar 2022 19:45

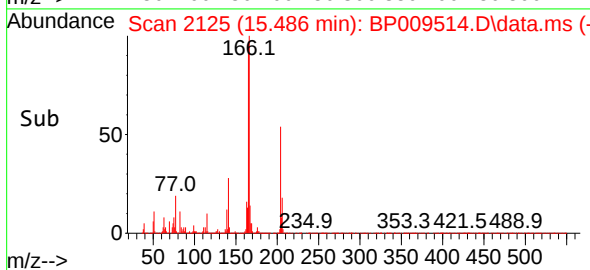
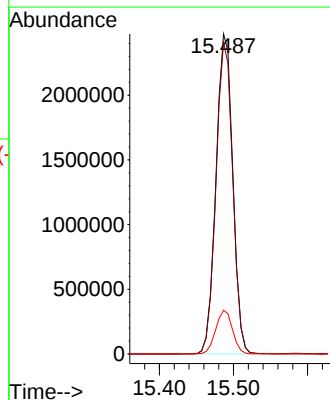
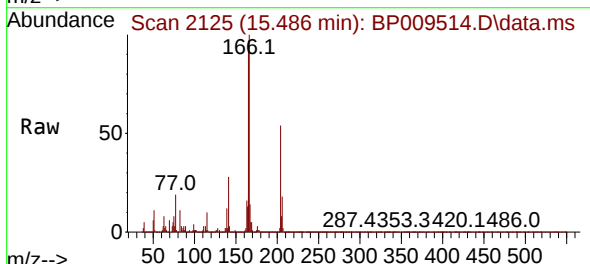
Instrument :  
BNA\_P  
ClientSampleId :  
CMP-B2-031822-2-5MSD

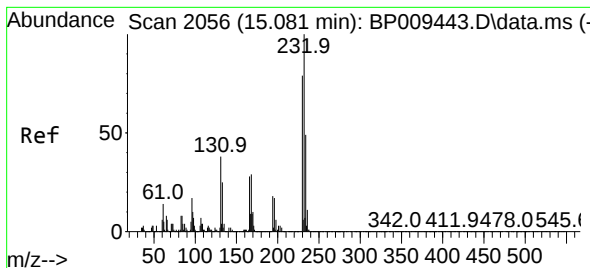
Tgt Ion:165 Resp: 1252315  
Ion Ratio Lower Upper  
165 100  
63 38.8 31.4 47.2  
89 67.6 55.9 83.9  
182 2.8 2.3 3.5



#58  
Fluorene  
Concen: 40.862 ng  
RT: 15.486 min Scan# 2125  
Delta R.T. 0.000 min  
Lab File: BP009514.D  
Acq: 23 Mar 2022 19:45

Tgt Ion:166 Resp: 3889463  
Ion Ratio Lower Upper  
166 100  
165 97.3 79.2 118.8  
167 13.7 10.7 16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 39.830 ng

RT: 15.075 min Scan# 2055

Delta R.T. 0.000 min

Lab File: BP009514.D

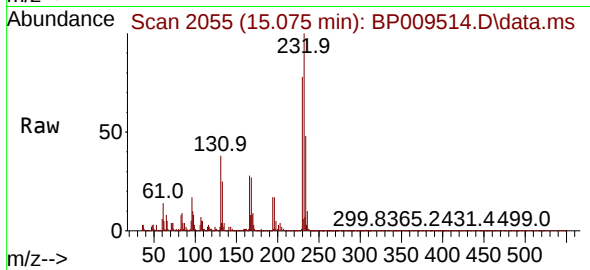
Acq: 23 Mar 2022 19:45

Instrument :

BNA\_P

ClientSampleId :

CMP-B2-031822-2-5MSD



Tgt Ion:232 Resp: 1146989

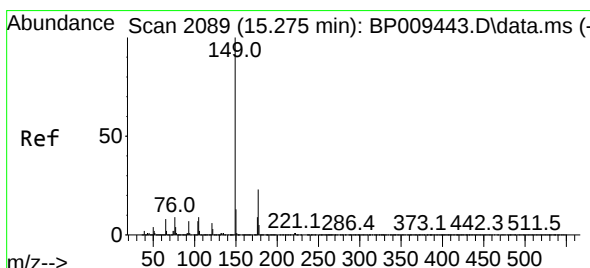
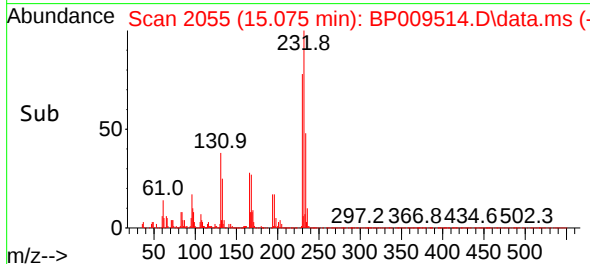
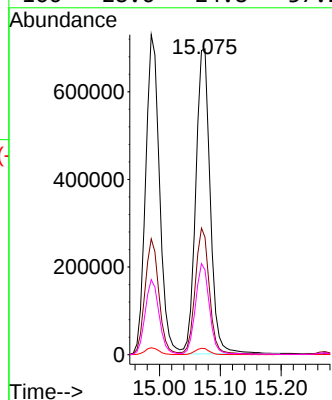
Ion Ratio Lower Upper

232 100

131 40.6 35.5 53.3

130 2.0 1.8 2.8

166 28.6 24.8 37.2



#60

Diethylphthalate

Concen: 40.697 ng

RT: 15.269 min Scan# 2088

Delta R.T. 0.000 min

Lab File: BP009514.D

Acq: 23 Mar 2022 19:45

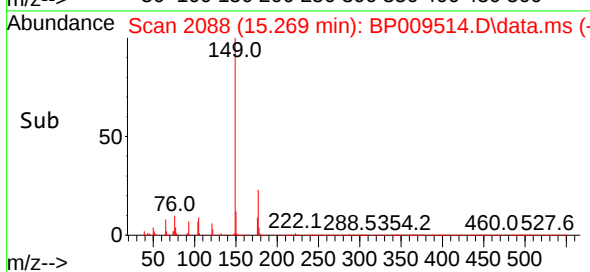
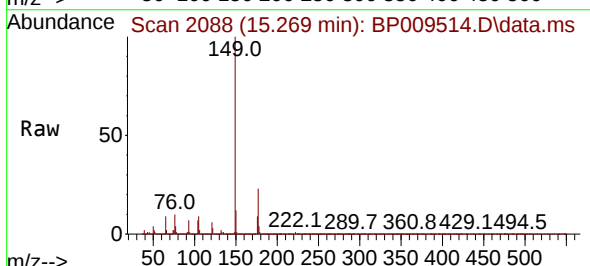
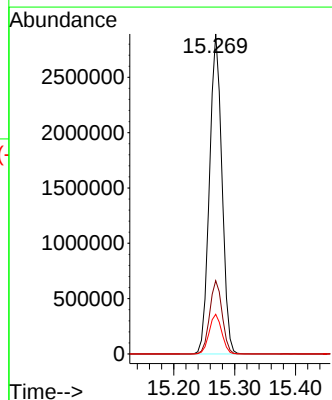
Tgt Ion:149 Resp: 4105168

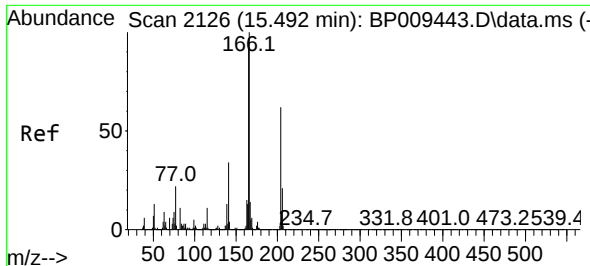
Ion Ratio Lower Upper

149 100

177 22.9 18.2 27.2

150 12.4 9.9 14.9

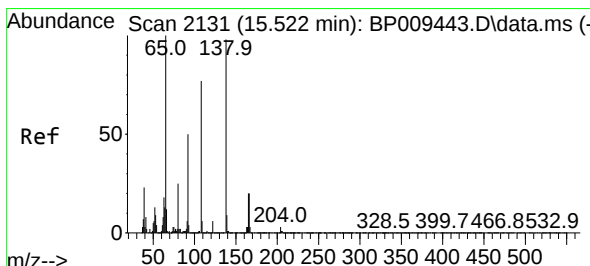
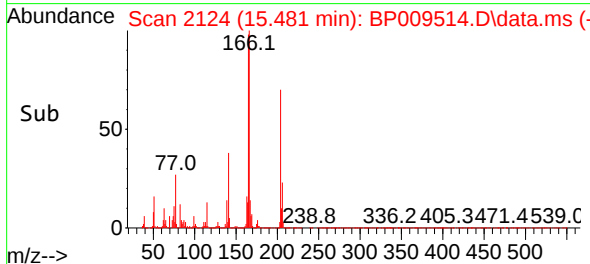
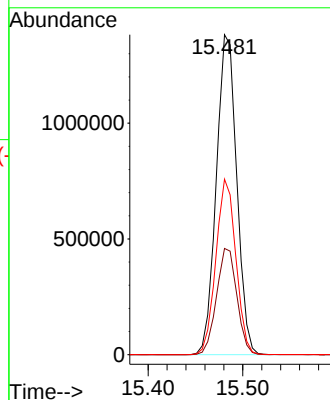
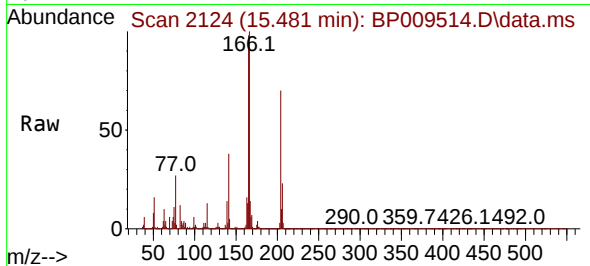




#61  
4-Chlorophenyl-phenylether  
Concen: 39.552 ng  
RT: 15.481 min Scan# 2126  
Delta R.T. -0.006 min  
Lab File: BP009514.D  
Acq: 23 Mar 2022 19:45

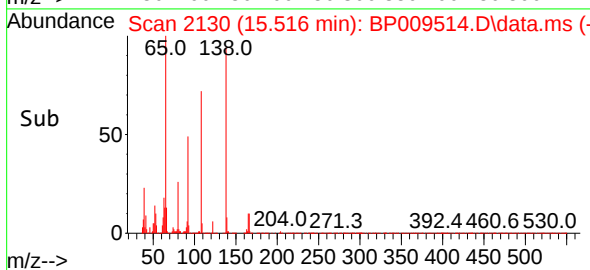
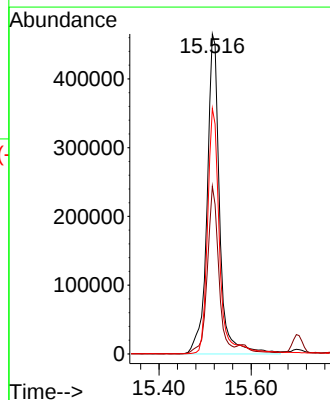
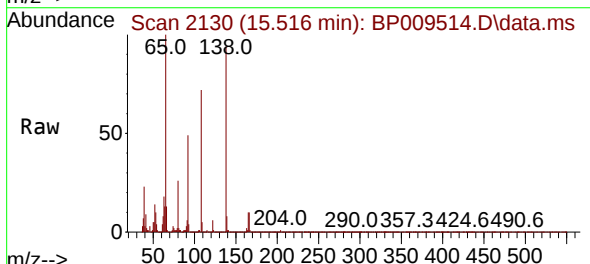
Instrument :  
BNA\_P  
ClientSampleId :  
CMP-B2-031822-2-5MSD

Tgt Ion:204 Resp: 2073853  
Ion Ratio Lower Upper  
204 100  
206 33.2 26.0 39.0  
141 54.9 45.9 68.9



#62  
4-Nitroaniline  
Concen: 37.840 ng  
RT: 15.516 min Scan# 2130  
Delta R.T. 0.000 min  
Lab File: BP009514.D  
Acq: 23 Mar 2022 19:45

Tgt Ion:138 Resp: 886389  
Ion Ratio Lower Upper  
138 100  
92 52.4 31.2 71.2  
108 76.7 54.3 94.3



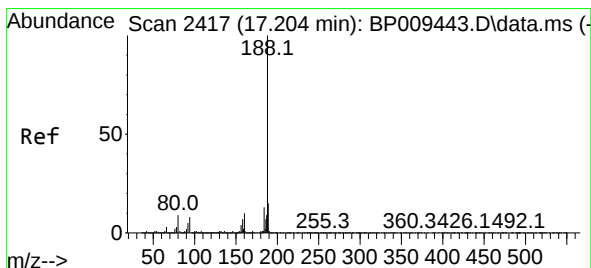
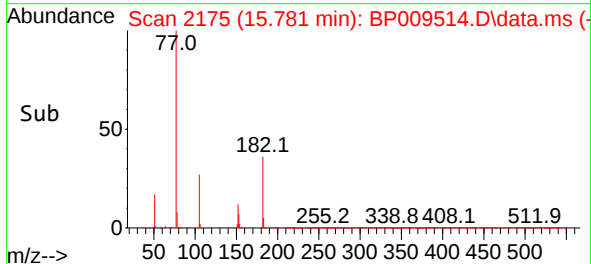
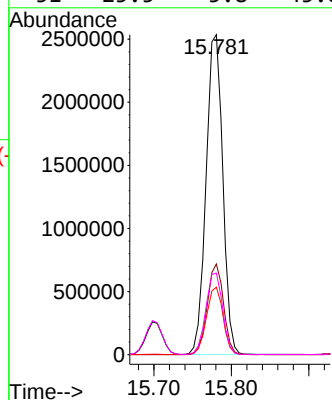
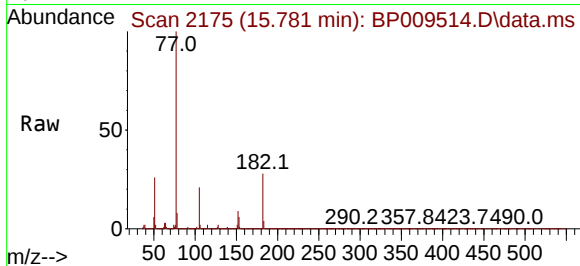


#63  
Azobenzene  
Concen: 43.187 ng  
RT: 15.781 min Scan# 2176  
Delta R.T. 0.000 min  
Lab File: BP009514.D  
Acq: 23 Mar 2022 19:45

Instrument :  
BNA\_P  
ClientSampleId :  
CMP-B2-031822-2-5MSD

Tgt Ion: 77 Resp: 3789623

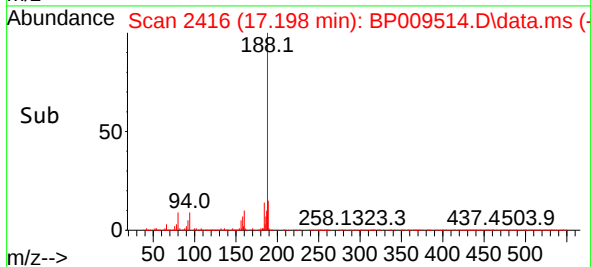
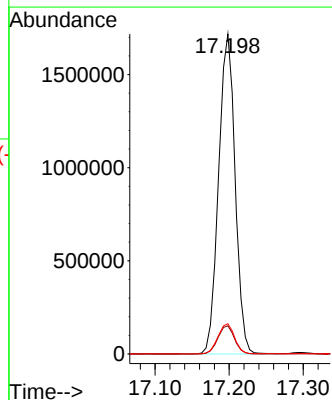
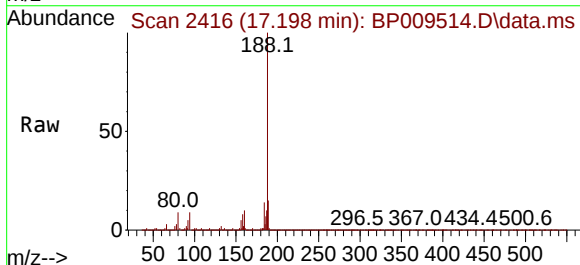
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 28.3  | 5.4   | 45.4  |
| 105 | 21.1  | 0.3   | 40.3  |
| 51  | 25.5  | 5.8   | 45.8  |

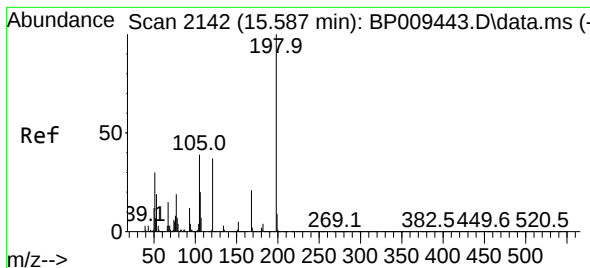


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.198 min Scan# 2416  
Delta R.T. 0.000 min  
Lab File: BP009514.D  
Acq: 23 Mar 2022 19:45

Tgt Ion:188 Resp: 2660557

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 8.8   | 7.9   | 11.9  |
| 80  | 9.4   | 8.8   | 13.2  |

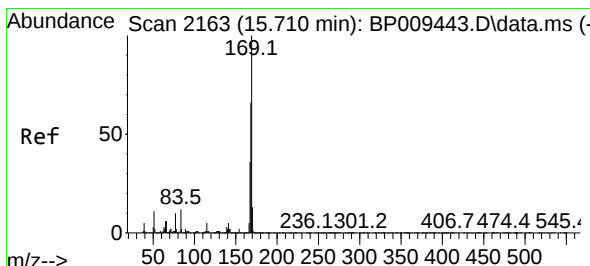
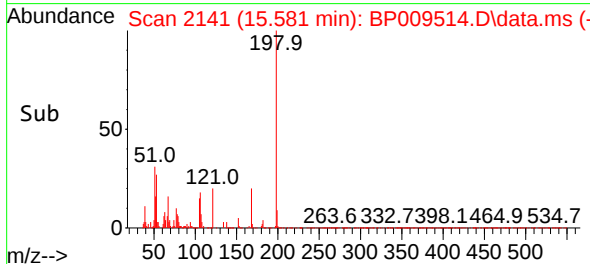
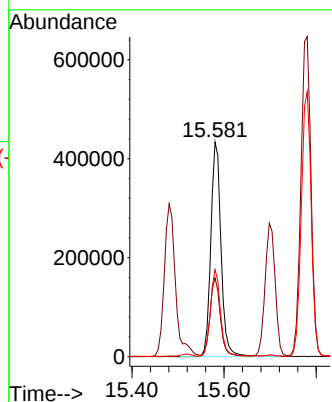
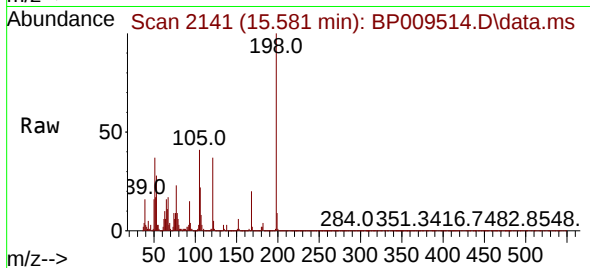




#65  
4,6-Dinitro-2-methylphenol  
Concen: 39.261 ng  
RT: 15.581 min Scan# 2142  
Delta R.T. 0.000 min  
Lab File: BP009514.D  
Acq: 23 Mar 2022 19:45

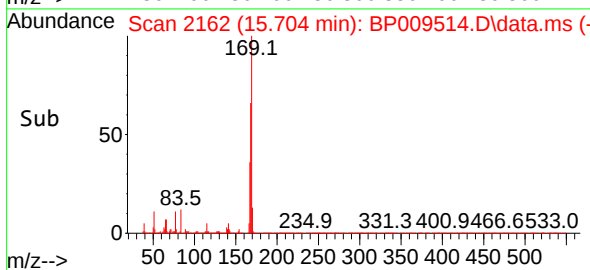
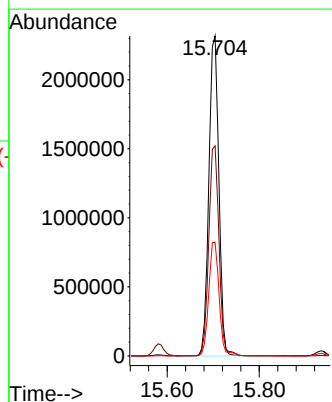
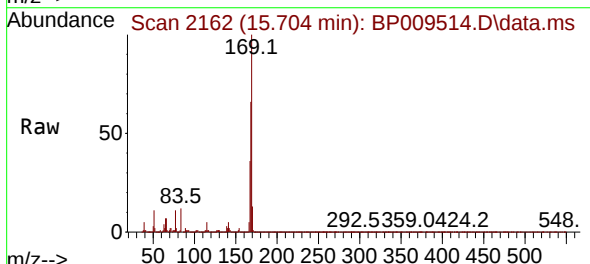
Instrument :  
BNA\_P  
ClientSampleId :  
CMP-B2-031822-2-5MSD

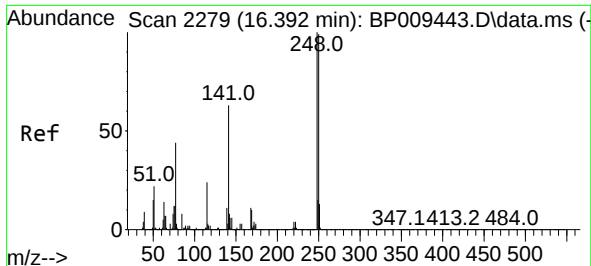
Tgt Ion:198 Resp: 671675  
Ion Ratio Lower Upper  
198 100  
51 36.7 17.7 57.7  
105 40.6 23.2 63.2



#66  
n-Nitrosodiphenylamine  
Concen: 44.503 ng  
RT: 15.704 min Scan# 2162  
Delta R.T. 0.000 min  
Lab File: BP009514.D  
Acq: 23 Mar 2022 19:45

Tgt Ion:169 Resp: 3503871  
Ion Ratio Lower Upper  
169 100  
168 65.6 51.6 77.4  
167 35.6 29.0 43.4

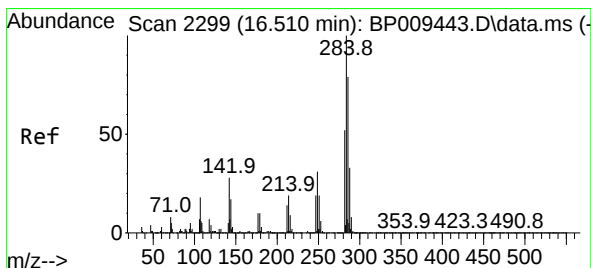
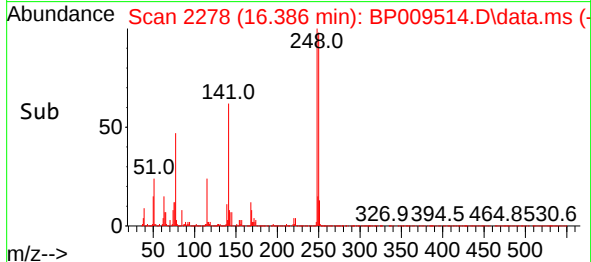
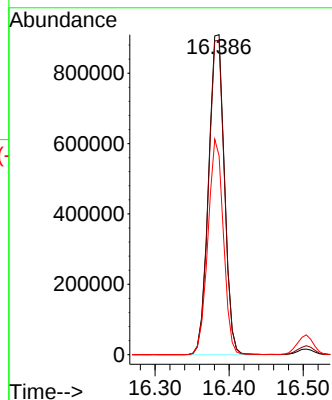
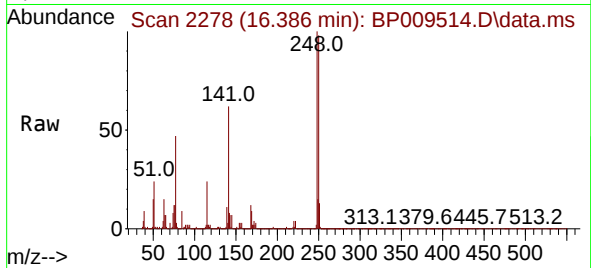




#67  
4-Bromophenyl-phenylether  
Concen: 41.559 ng  
RT: 16.386 min Scan# 2278  
Delta R.T. 0.000 min  
Lab File: BP009514.D  
Acq: 23 Mar 2022 19:45

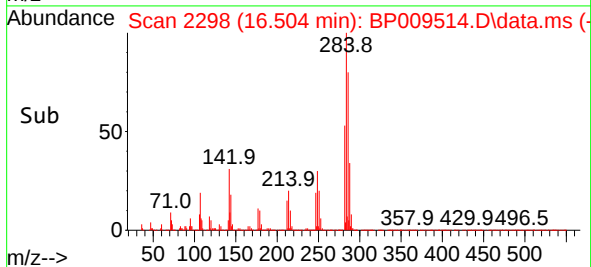
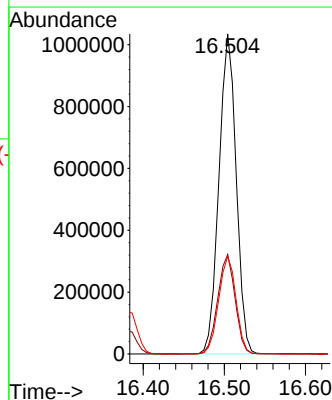
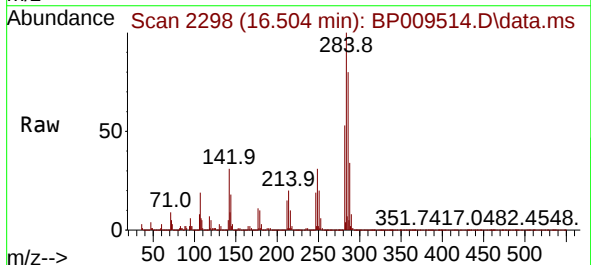
Instrument :  
BNA\_P  
ClientSampleId :  
CMP-B2-031822-2-5MSD

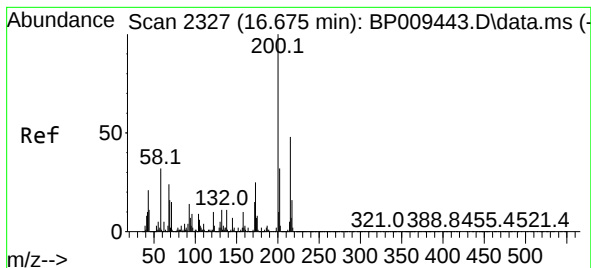
Tgt Ion:248 Resp: 1353025  
Ion Ratio Lower Upper  
248 100  
250 98.2 77.7 116.5  
141 62.1 58.3 87.5



#68  
Hexachlorobenzene  
Concen: 40.836 ng  
RT: 16.504 min Scan# 2298  
Delta R.T. 0.000 min  
Lab File: BP009514.D  
Acq: 23 Mar 2022 19:45

Tgt Ion:284 Resp: 1530072  
Ion Ratio Lower Upper  
284 100  
142 31.1 26.8 40.2  
249 30.5 24.6 37.0





#69

Atrazine

Concen: 46.553 ng

RT: 16.669 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP009514.D

Acq: 23 Mar 2022 19:45

Instrument :

BNA\_P

ClientSampleId :

CMP-B2-031822-2-5MSD

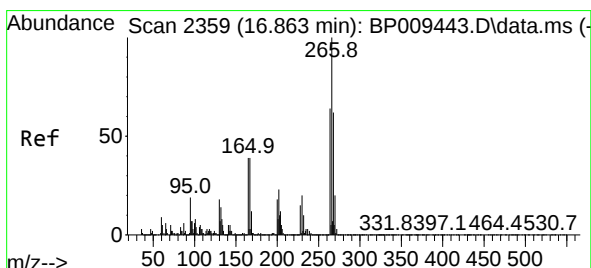
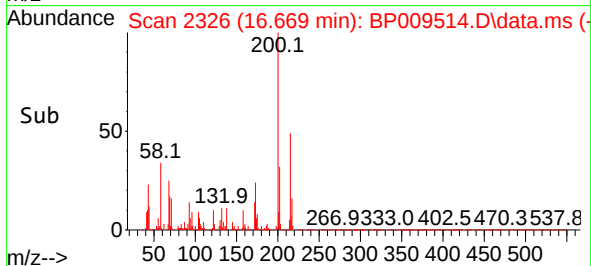
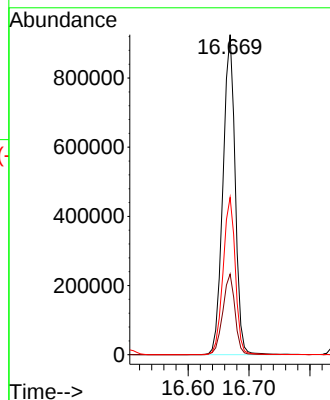
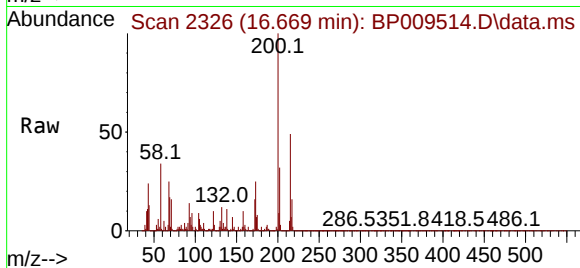
Tgt Ion:200 Resp: 1288671

Ion Ratio Lower Upper

200 100

173 25.2 6.2 46.2

215 49.1 28.5 68.5



#70

Pentachlorophenol

Concen: 90.766 ng

RT: 16.857 min Scan# 2358

Delta R.T. 0.000 min

Lab File: BP009514.D

Acq: 23 Mar 2022 19:45

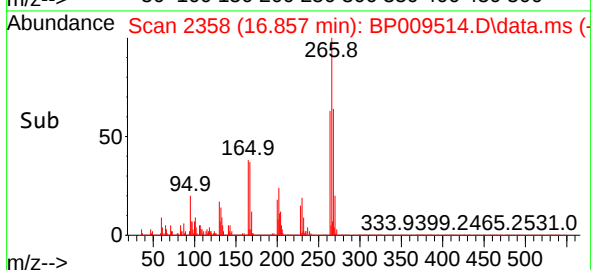
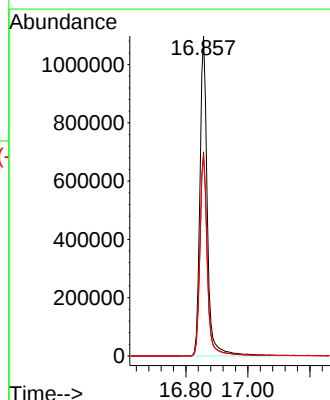
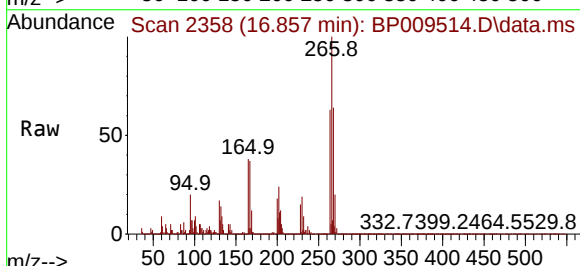
Tgt Ion:266 Resp: 1817978

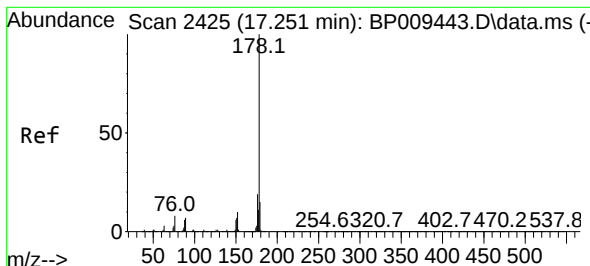
Ion Ratio Lower Upper

266 100

268 63.8 49.8 74.8

264 62.9 50.9 76.3





#71

Phenanthrene

Concen: 43.120 ng

RT: 17.239 min Scan# 2423

Delta R.T. 0.000 min

Lab File: BP009514.D

Acq: 23 Mar 2022 19:45

Instrument :

BNA\_P

ClientSampleId :

CMP-B2-031822-2-5MSD

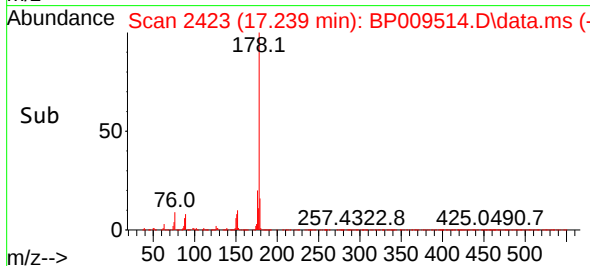
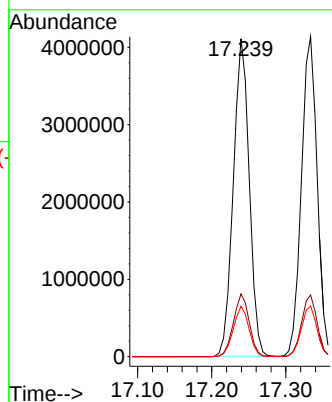
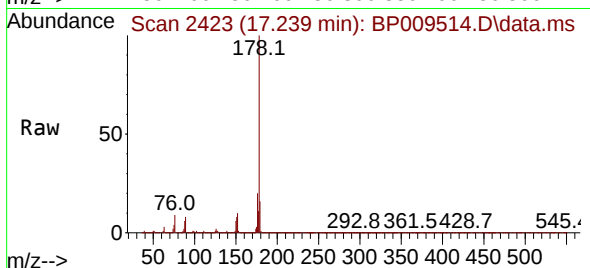
Tgt Ion:178 Resp: 6141191

Ion Ratio Lower Upper

178 100

176 19.7 15.4 23.2

179 15.9 12.3 18.5



#72

Anthracene

Concen: 43.641 ng

RT: 17.333 min Scan# 2439

Delta R.T. 0.000 min

Lab File: BP009514.D

Acq: 23 Mar 2022 19:45

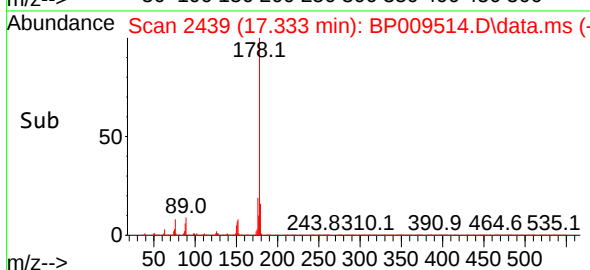
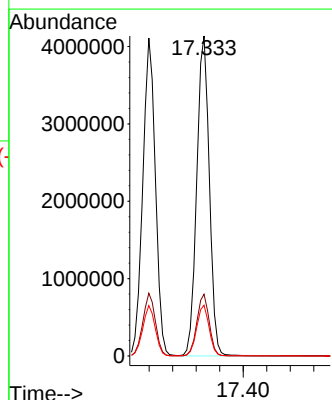
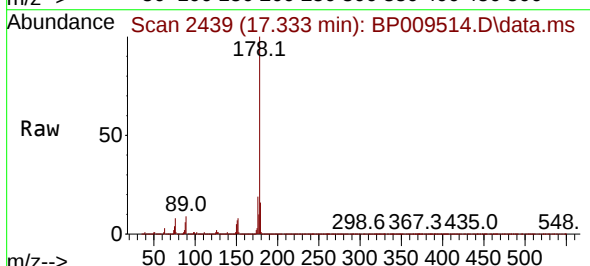
Tgt Ion:178 Resp: 6136555

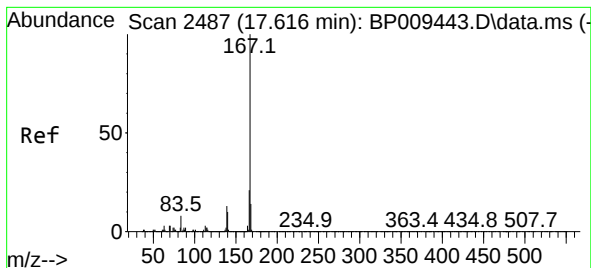
Ion Ratio Lower Upper

178 100

176 19.3 14.8 22.2

179 15.8 12.2 18.4





#73

Carbazole

Concen: 40.734 ng

RT: 17.610 min Scan# 2486

Delta R.T. 0.000 min

Lab File: BP009514.D

Acq: 23 Mar 2022 19:45

Instrument :

BNA\_P

ClientSampleId :

CMP-B2-031822-2-5MSD

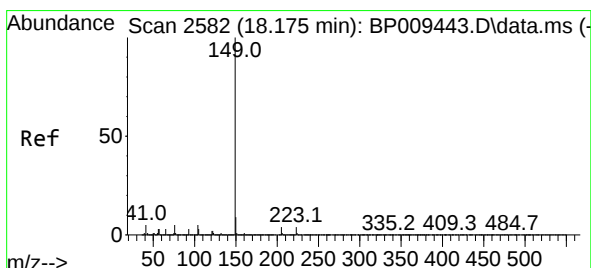
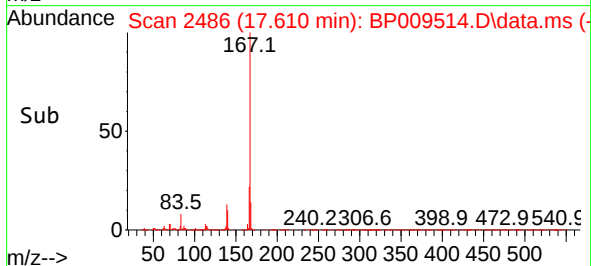
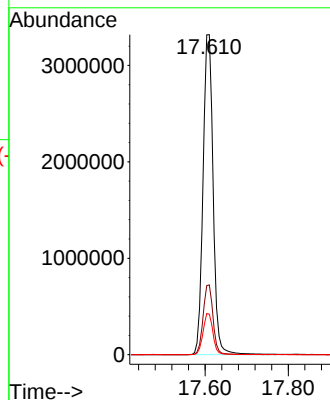
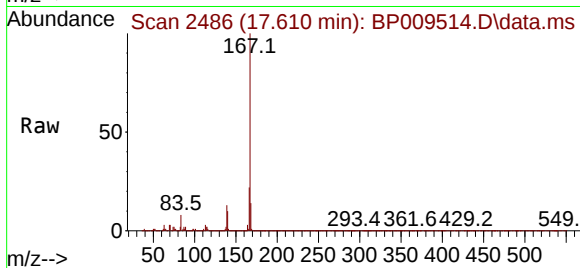
Tgt Ion:167 Resp: 5601663

Ion Ratio Lower Upper

167 100

166 21.8 17.2 25.8

139 12.7 10.3 15.5



#74

Di-n-butylphthalate

Concen: 42.919 ng

RT: 18.169 min Scan# 2581

Delta R.T. 0.000 min

Lab File: BP009514.D

Acq: 23 Mar 2022 19:45

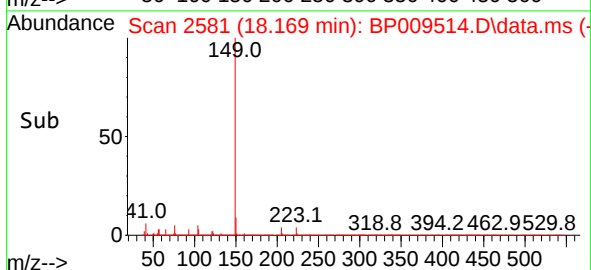
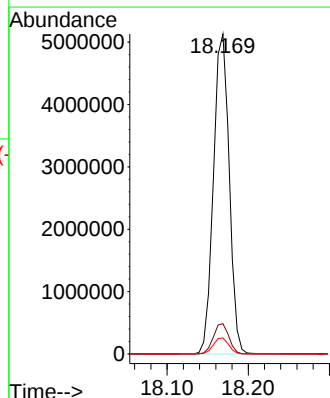
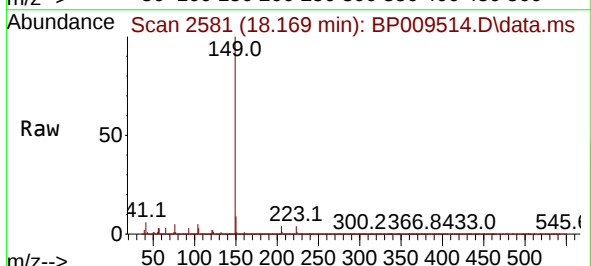
Tgt Ion:149 Resp: 6916266

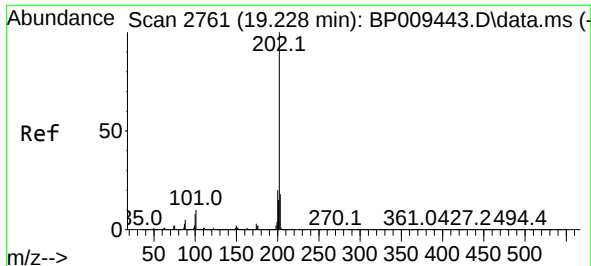
Ion Ratio Lower Upper

149 100

150 9.5 7.3 10.9

104 5.0 4.2 6.2

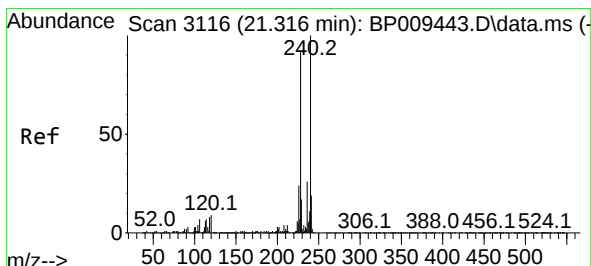
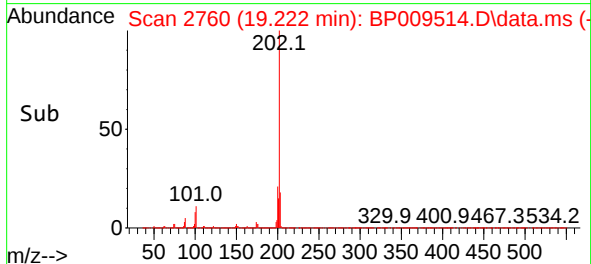
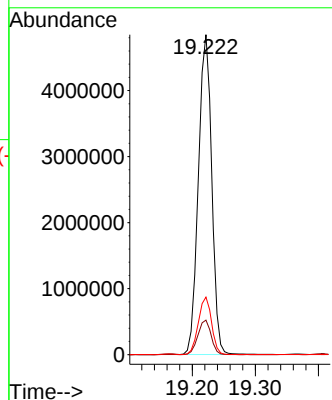
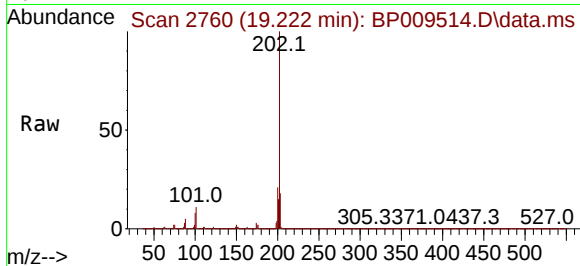




#75  
Fluoranthene  
Concen: 41.218 ng  
RT: 19.222 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BP009514.D  
Acq: 23 Mar 2022 19:45

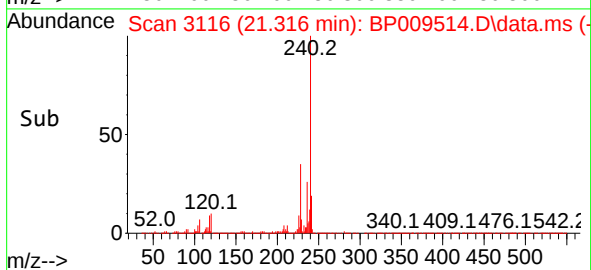
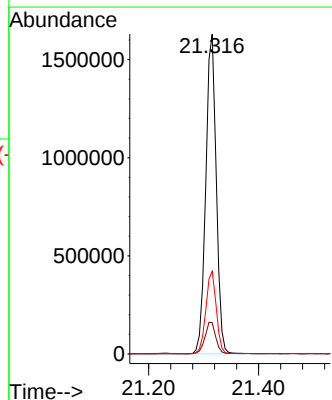
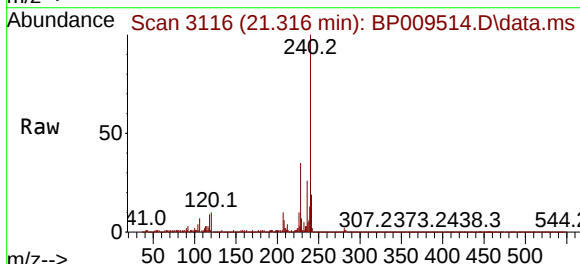
Instrument :  
BNA\_P  
ClientSampleId :  
CMP-B2-031822-2-5MSD

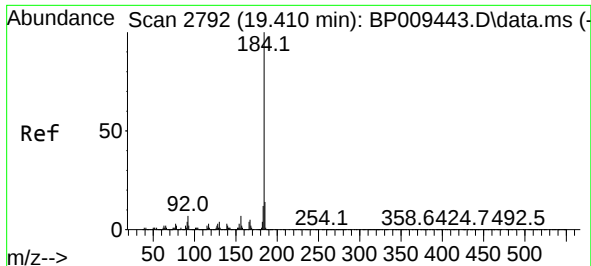
Tgt Ion:202 Resp: 7106885  
Ion Ratio Lower Upper  
202 100  
101 10.8 0.0 31.5  
203 18.0 0.0 37.8



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.316 min Scan# 3116  
Delta R.T. 0.000 min  
Lab File: BP009514.D  
Acq: 23 Mar 2022 19:45

Tgt Ion:240 Resp: 2150427  
Ion Ratio Lower Upper  
240 100  
120 9.8 9.0 13.4  
236 25.9 20.6 30.8

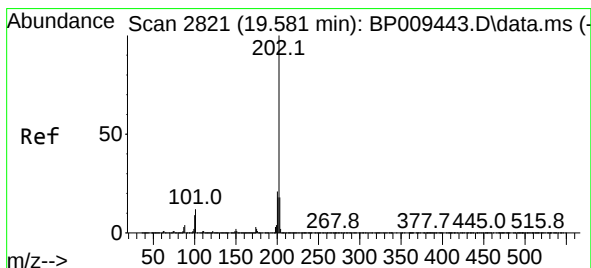
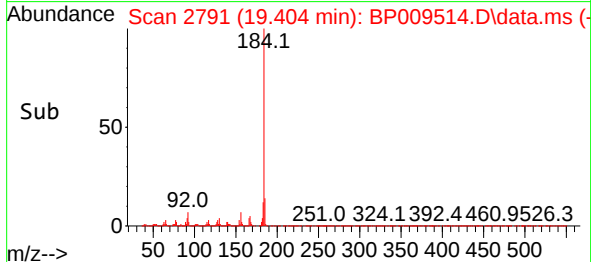
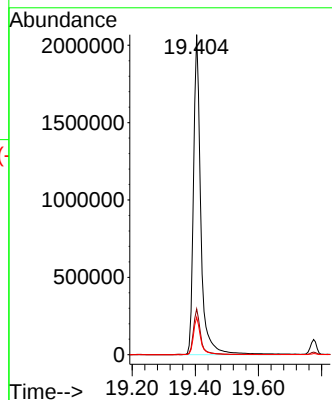
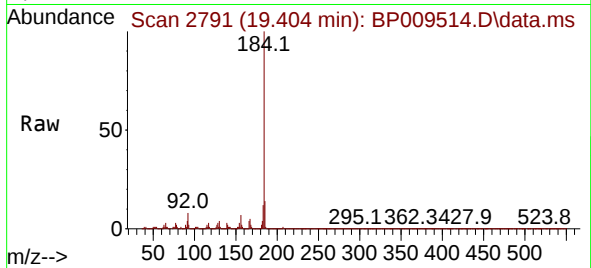




#77  
Benzidine  
Concen: 63.006 ng  
RT: 19.404 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BP009514.D  
Acq: 23 Mar 2022 19:45

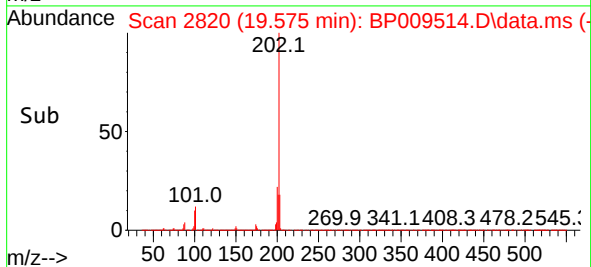
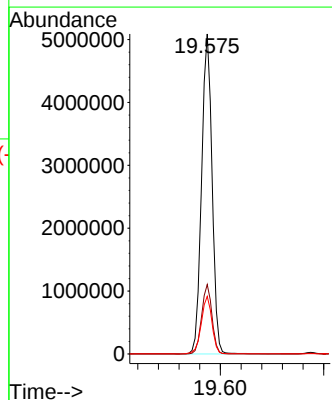
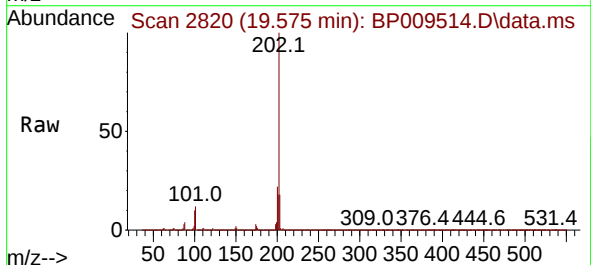
Instrument :  
BNA\_P  
ClientSampleId :  
CMP-B2-031822-2-5MSD

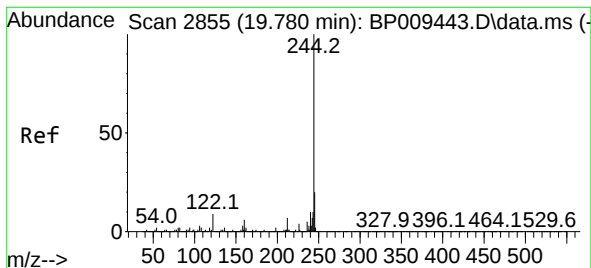
Tgt Ion:184 Resp: 3321040  
Ion Ratio Lower Upper  
184 100  
185 14.3 11.5 17.3  
183 11.7 9.4 14.0



#78  
Pyrene  
Concen: 50.561 ng  
RT: 19.575 min Scan# 2820  
Delta R.T. 0.000 min  
Lab File: BP009514.D  
Acq: 23 Mar 2022 19:45

Tgt Ion:202 Resp: 7164649  
Ion Ratio Lower Upper  
202 100  
200 21.7 16.8 25.2  
203 18.0 14.2 21.4





#79

Terphenyl-d14

Concen: 77.226 ng

RT: 19.775 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP009514.D

Acq: 23 Mar 2022 19:45

Instrument :

BNA\_P

ClientSampleId :

CMP-B2-031822-2-5MSD

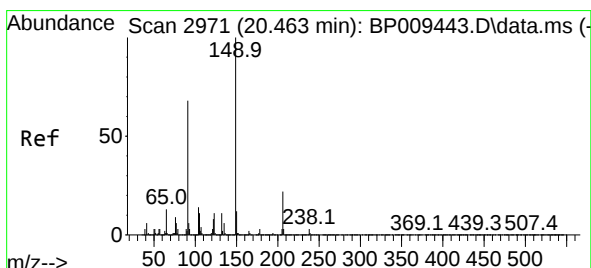
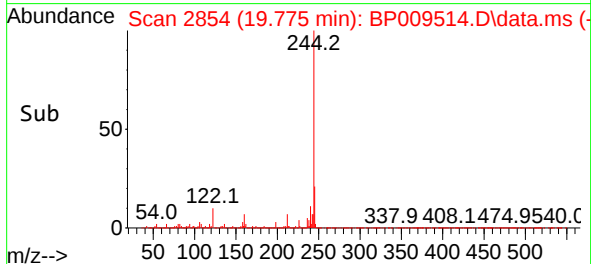
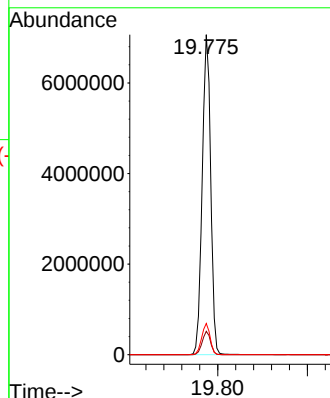
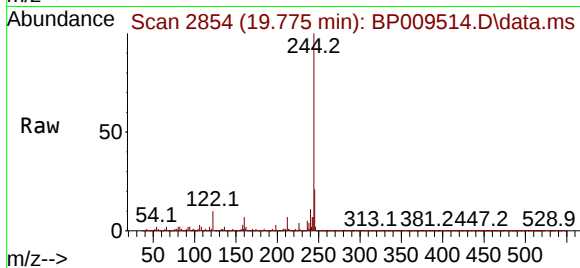
Tgt Ion:244 Resp: 9252328

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

122 9.7 8.3 12.5



#80

Butylbenzylphthalate

Concen: 49.425 ng

RT: 20.457 min Scan# 2970

Delta R.T. 0.000 min

Lab File: BP009514.D

Acq: 23 Mar 2022 19:45

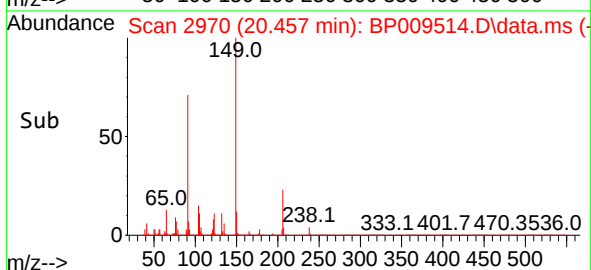
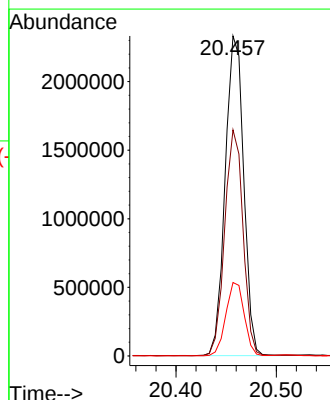
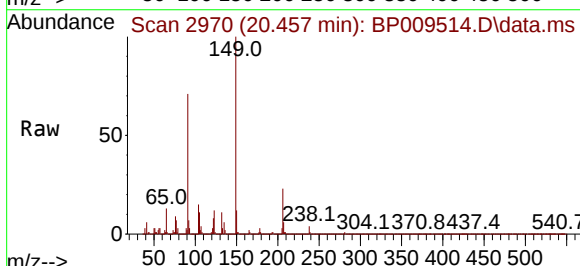
Tgt Ion:149 Resp: 2976827

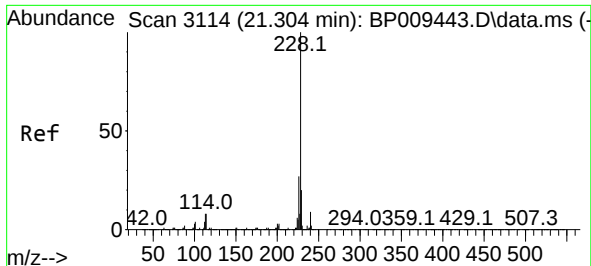
Ion Ratio Lower Upper

149 100

91 70.7 57.9 86.9

206 22.9 16.9 25.3

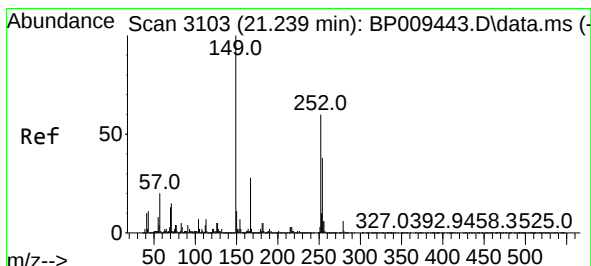
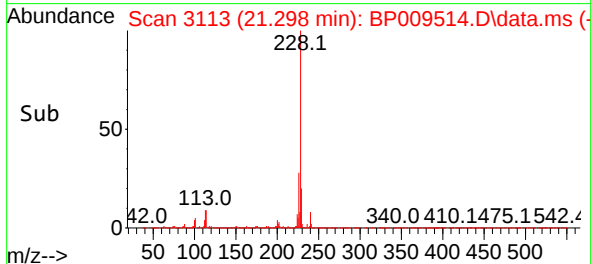
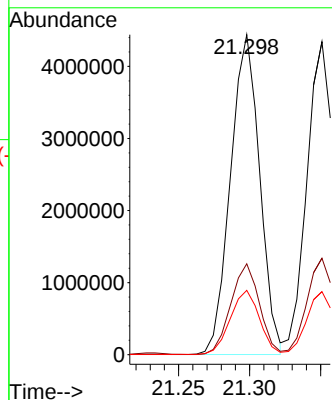
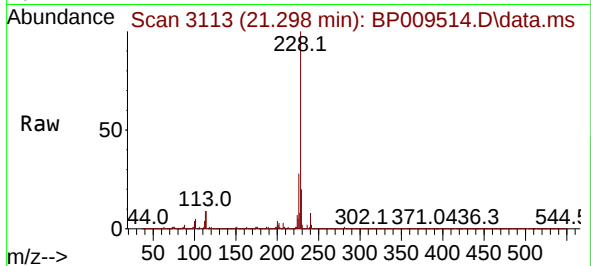




#81  
Benzo(a)anthracene  
Concen: 44.877 ng  
RT: 21.298 min Scan# 3114  
Delta R.T. 0.000 min  
Lab File: BP009514.D  
Acq: 23 Mar 2022 19:45

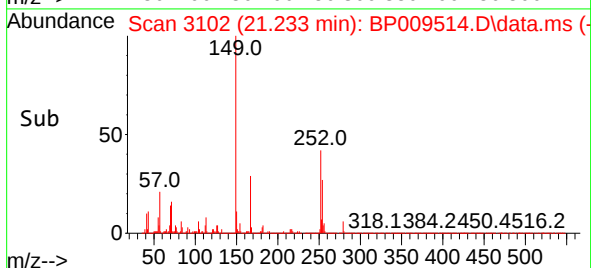
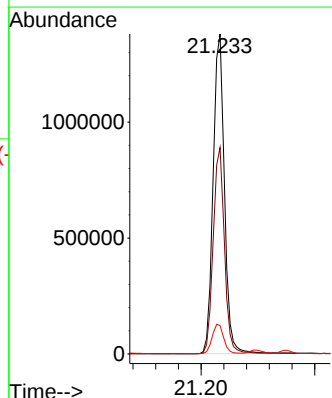
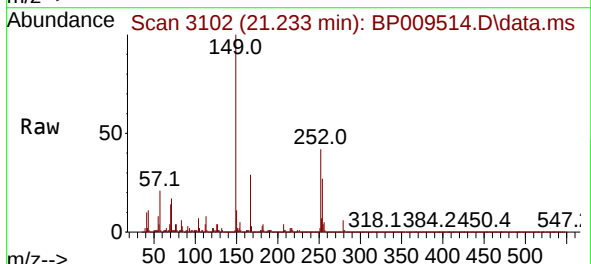
Instrument :  
BNA\_P  
ClientSampleId :  
CMP-B2-031822-2-5MSD

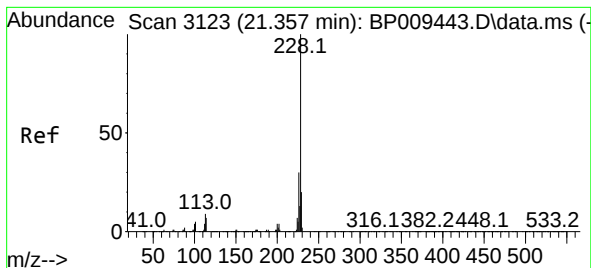
Tgt Ion:228 Resp: 6340292  
Ion Ratio Lower Upper  
228 100  
226 28.4 22.0 33.0  
229 20.1 16.1 24.1



#82  
3,3'-Dichlorobenzidine  
Concen: 34.725 ng  
RT: 21.233 min Scan# 3102  
Delta R.T. 0.000 min  
Lab File: BP009514.D  
Acq: 23 Mar 2022 19:45

Tgt Ion:252 Resp: 1895254  
Ion Ratio Lower Upper  
252 100  
254 64.5 50.7 76.1  
126 8.9 8.9 13.3





#83

Chrysene

Concen: 43.255 ng

RT: 21.351 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP009514.D

Acq: 23 Mar 2022 19:45

Instrument :

BNA\_P

ClientSampleId :

CMP-B2-031822-2-5MSD

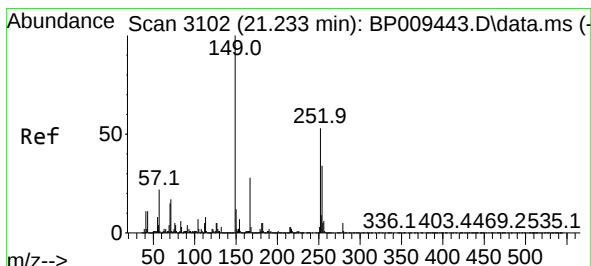
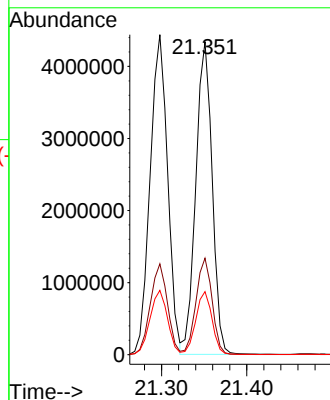
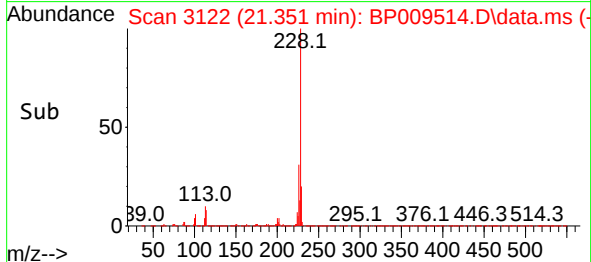
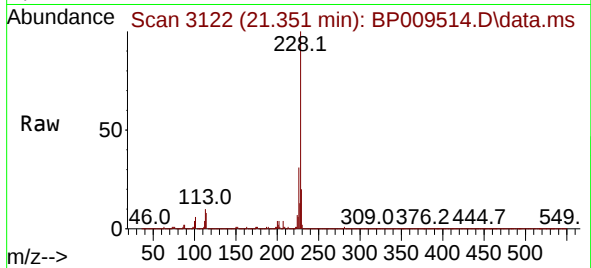
Tgt Ion:228 Resp: 5786755

Ion Ratio Lower Upper

228 100

226 30.8 24.2 36.2

229 20.1 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.342 ng

RT: 21.227 min Scan# 3101

Delta R.T. -0.006 min

Lab File: BP009514.D

Acq: 23 Mar 2022 19:45

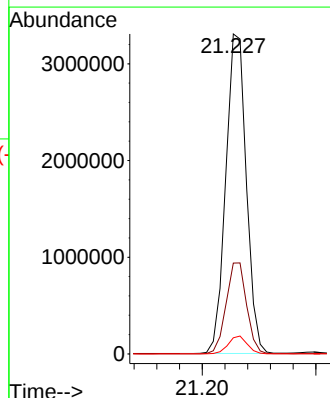
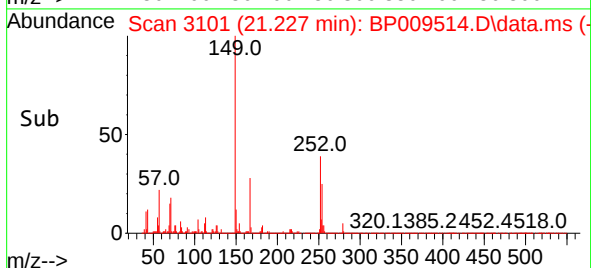
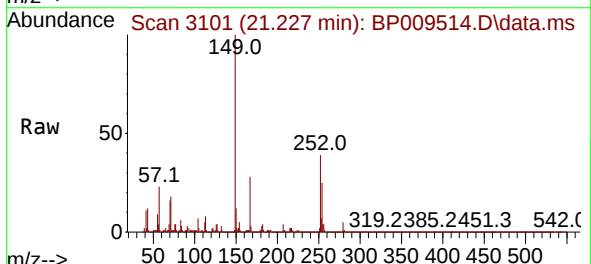
Tgt Ion:149 Resp: 4142310

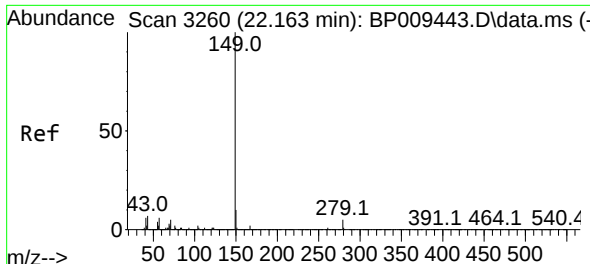
Ion Ratio Lower Upper

149 100

167 28.4 22.6 33.8

279 5.0 3.8 5.6

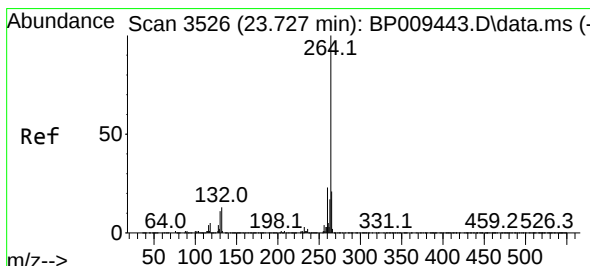
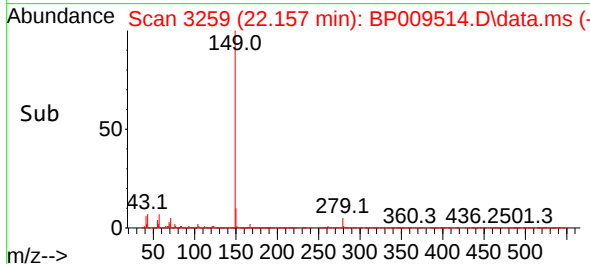
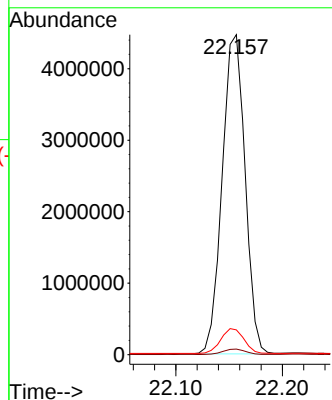
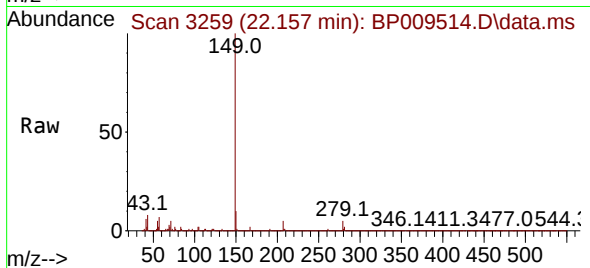




#85  
Di-n-octyl phthalate  
Concen: 46.073 ng  
RT: 22.157 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: BP009514.D  
Acq: 23 Mar 2022 19:45

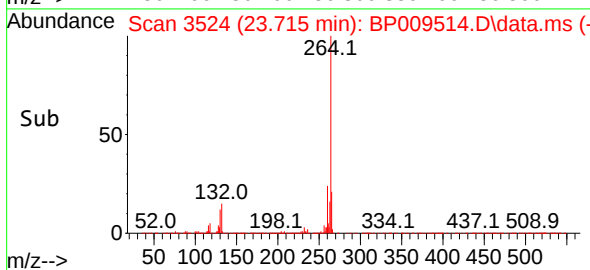
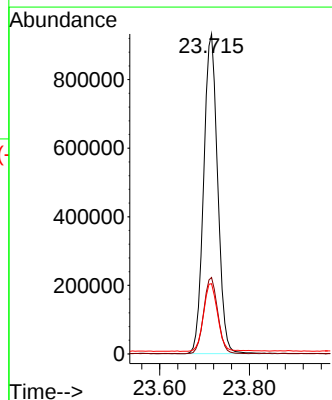
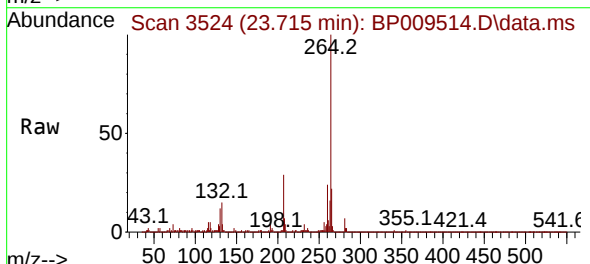
Instrument :  
BNA\_P  
ClientSampleId :  
CMP-B2-031822-2-5MSD

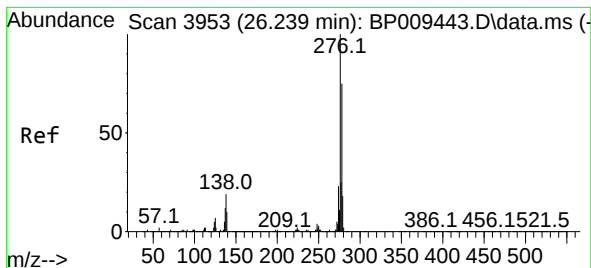
Tgt Ion:149 Resp: 6666971  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.3 1.9  
43 7.8 6.9 10.3



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.715 min Scan# 3524  
Delta R.T. 0.000 min  
Lab File: BP009514.D  
Acq: 23 Mar 2022 19:45

Tgt Ion:264 Resp: 2010854  
Ion Ratio Lower Upper  
264 100  
260 23.9 19.4 29.0  
265 21.9 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.951 ng

RT: 26.227 min Scan# 3951

Delta R.T. 0.000 min

Lab File: BP009514.D

Acq: 23 Mar 2022 19:45

Instrument :

BNA\_P

ClientSampleId :

CMP-B2-031822-2-5MSD

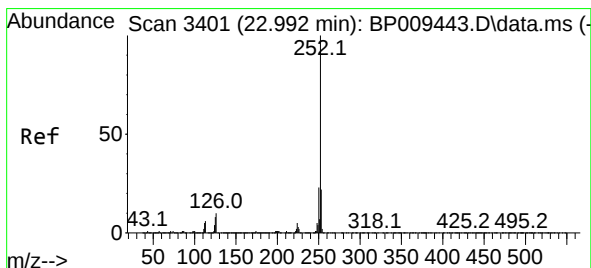
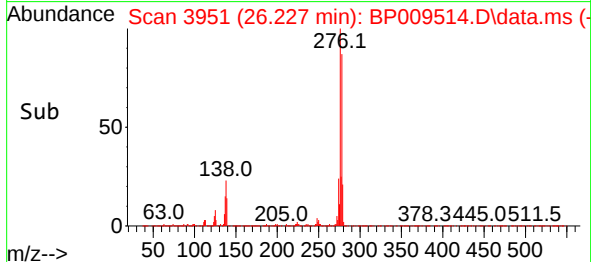
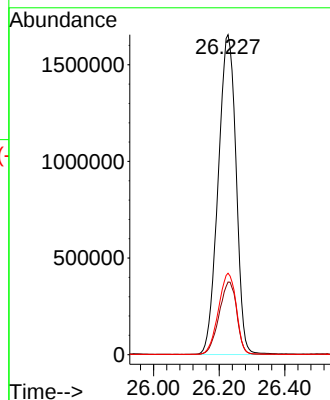
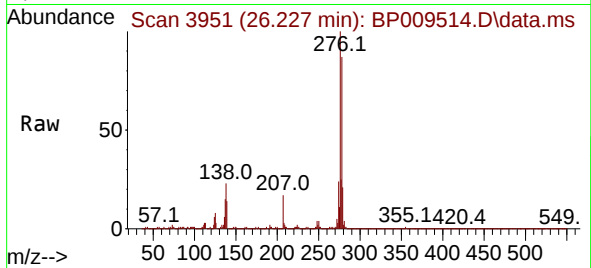
Tgt Ion:276 Resp: 6247501

Ion Ratio Lower Upper

276 100

138 22.4 20.5 30.7

277 25.2 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 48.747 ng

RT: 22.986 min Scan# 3400

Delta R.T. 0.000 min

Lab File: BP009514.D

Acq: 23 Mar 2022 19:45

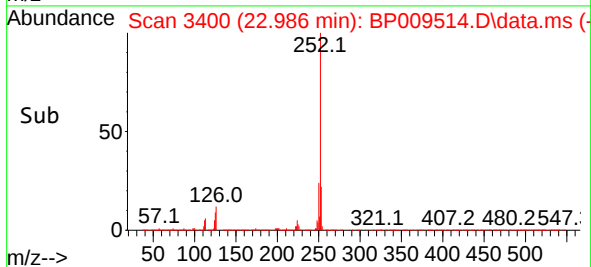
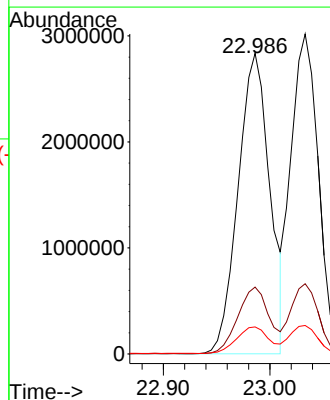
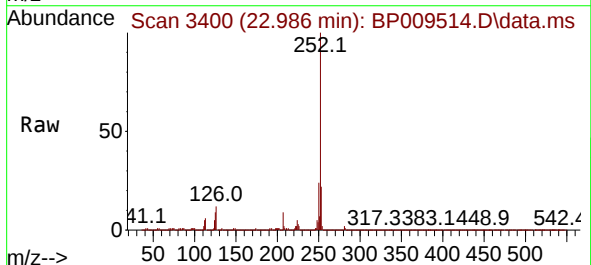
Tgt Ion:252 Resp: 5851768

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

125 9.0 8.1 12.1

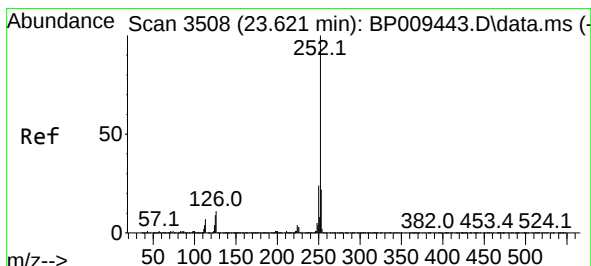
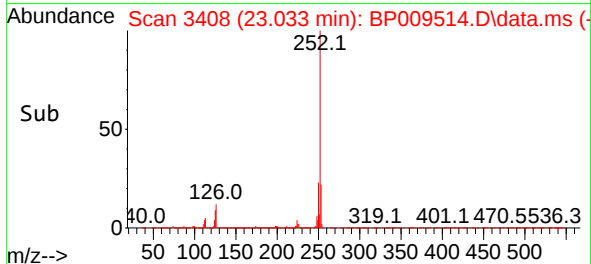
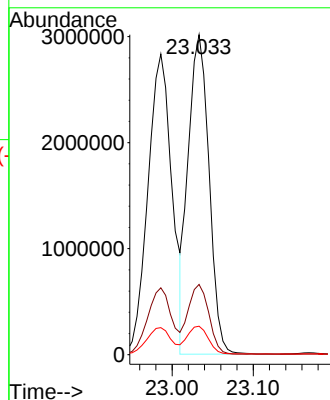
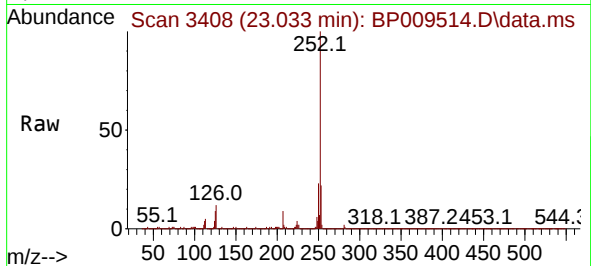




#89  
Benzo(k)fluoranthene  
Concen: 45.752 ng  
RT: 23.033 min Scan# 3409  
Delta R.T. -0.006 min  
Lab File: BP009514.D  
Acq: 23 Mar 2022 19:45

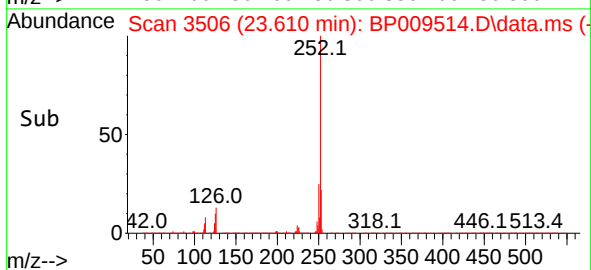
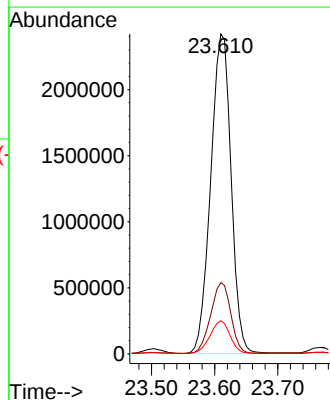
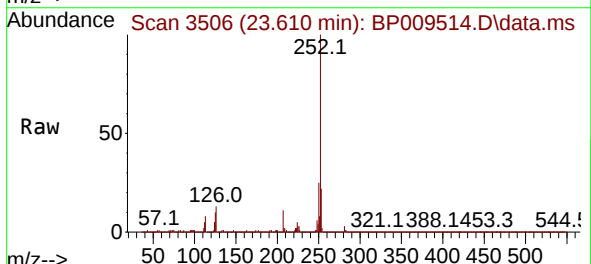
Instrument :  
BNA\_P  
ClientSampleId :  
CMP-B2-031822-2-5MSD

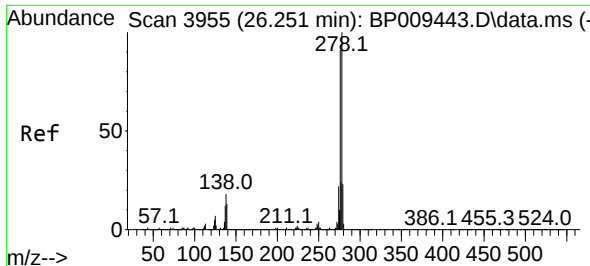
Tgt Ion:252 Resp: 5377369  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.5 26.3  
125 8.9 8.3 12.5



#90  
Benzo(a)pyrene  
Concen: 52.845 ng  
RT: 23.610 min Scan# 3506  
Delta R.T. 0.000 min  
Lab File: BP009514.D  
Acq: 23 Mar 2022 19:45

Tgt Ion:252 Resp: 5427540  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.8 26.6  
125 10.4 9.3 13.9



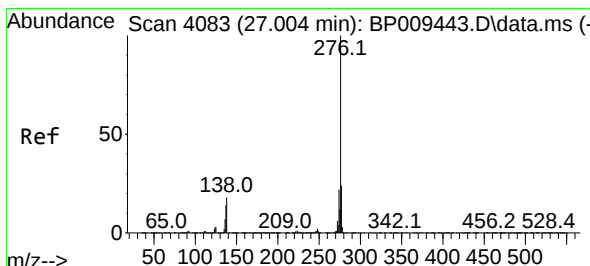
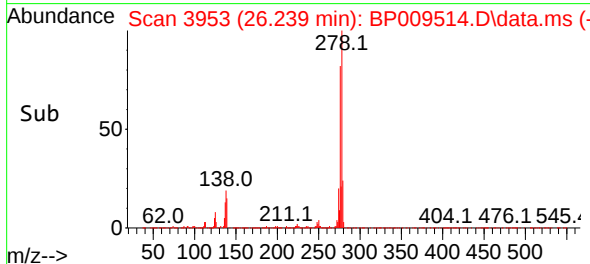
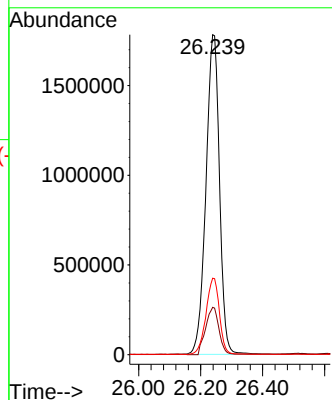
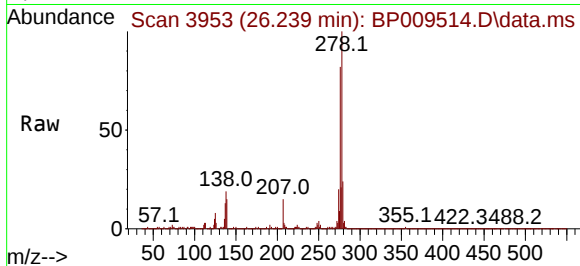


#91  
Dibenzo(a,h)anthracene  
Concen: 42.464 ng  
RT: 26.239 min Scan# 3955  
Delta R.T. -0.006 min  
Lab File: BP009514.D  
Acq: 23 Mar 2022 19:45

Instrument :  
BNA\_P  
ClientSampleId :  
CMP-B2-031822-2-5MSD

Tgt Ion:278 Resp: 5399133  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 14.8  | 13.2  | 19.8  |
| 279 | 23.9  | 19.2  | 28.8  |



#92  
Benzo(g,h,i)perylene  
Concen: 43.676 ng  
RT: 26.992 min Scan# 4081  
Delta R.T. 0.006 min  
Lab File: BP009514.D  
Acq: 23 Mar 2022 19:45

Tgt Ion:276 Resp: 5463050  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 23.9  | 19.2  | 28.8  |
| 138 | 19.2  | 18.0  | 27.0  |

