

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121021\  
 Data File : BP008341.D  
 Acq On : 10 Dec 2021 15:19  
 Operator : CG/JU  
 Sample : PB141239BS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB141239BS

Quant Time: Dec 11 03:58:50 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP112521.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Dec 11 03:53:01 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.763  | 152  | 70768    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.563 | 136  | 271837   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.422 | 164  | 166135   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.186 | 188  | 350745   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.292 | 240  | 384951   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 23.680 | 264  | 421580   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.364  | 112  | 543505   | 123.657 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.958  | 99   | 714365   | 120.399 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.928  | 82   | 488176   | 81.663  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.922 | 330  | 259278   | 122.100 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.040 | 172  | 898215   | 78.532  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.757 | 244  | 1512859  | 82.134  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.264  | 88   | 68865    | 33.584  | ng    | 97       |
| 3) Pyridine                   | 3.664  | 79   | 179772   | 32.847  | ng    | 96       |
| 4) n-Nitrosodimethylamine     | 3.575  | 42   | 104981   | 45.988  | ng    | # 98     |
| 6) Aniline                    | 7.099  | 93   | 290734   | 41.802  | ng    | 96       |
| 8) 2-Chlorophenol             | 7.334  | 128  | 199695   | 44.383  | ng    | 96       |
| 9) Benzaldehyde               | 6.911  | 77   | 127272   | 38.565  | ng    | 96       |
| 10) Phenol                    | 6.981  | 94   | 286109   | 46.925  | ng    | 95       |
| 11) bis(2-Chloroethyl)ether   | 7.193  | 93   | 212196   | 43.541  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 7.652  | 146  | 212123   | 40.844  | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 7.799  | 146  | 217561   | 41.318  | ng    | 96       |
| 14) 1,2-Dichlorobenzene       | 8.116  | 146  | 207244   | 39.576  | ng    | 97       |
| 15) Benzyl Alcohol            | 8.016  | 79   | 225415   | 47.951  | ng    | 96       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.305  | 45   | 337925   | 45.955  | ng    | 100      |
| 17) 2-Methylphenol            | 8.228  | 107  | 178319   | 44.954  | ng    | 98       |
| 18) Hexachloroethane          | 8.834  | 117  | 83894    | 42.850  | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 8.581  | 70   | 179139   | 43.633  | ng    | 99       |
| 20) 3+4-Methylphenols         | 8.557  | 107  | 244094   | 44.587  | ng    | 97       |
| 22) Acetophenone              | 8.593  | 105  | 316414   | 42.555  | ng    | 96       |
| 24) Nitrobenzene              | 8.969  | 77   | 266300   | 45.935  | ng    | 99       |
| 25) Isophorone                | 9.505  | 82   | 461730   | 44.149  | ng    | 97       |
| 26) 2-Nitrophenol             | 9.681  | 139  | 106481   | 42.571  | ng    | 90       |
| 27) 2,4-Dimethylphenol        | 9.757  | 122  | 186984   | 49.986  | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 9.981  | 93   | 276117   | 41.425  | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 10.234 | 162  | 196171   | 43.909  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 10.428 | 180  | 209825   | 40.463  | ng    | 97       |
| 31) Naphthalene               | 10.610 | 128  | 579485   | 41.614  | ng    | 99       |
| 32) Benzoic acid              | 9.952  | 122  | 120237   | 39.294  | ng    | 94       |
| 33) 4-Chloroaniline           | 10.740 | 127  | 169512   | 29.342  | ng    | 96       |
| 34) Hexachlorobutadiene       | 10.899 | 225  | 145149   | 40.902  | ng    | 98       |
| 35) Caprolactam               | 11.546 | 113  | 34726    | 34.991  | ng    | 90       |
| 36) 4-Chloro-3-methylphenol   | 11.881 | 107  | 233724   | 45.763  | ng    | 94       |
| 37) 2-Methylnaphthalene       | 12.228 | 142  | 394826   | 40.088  | ng    | 97       |
| 38) 1-Methylnaphthalene       | 12.451 | 142  | 367340   | 38.317  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 12.604 | 216  | 231829   | 42.958  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.581 | 237  | 194368   | 93.680  | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 12.857 | 196  | 151484   | 41.431  | ng    | 98       |

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Instrument :  
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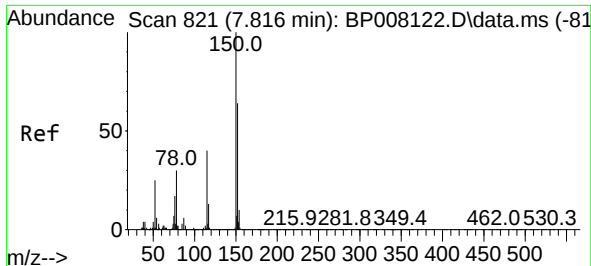
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP112521.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Dec 11 03:53:01 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.940 | 196  | 164608   | 42.014  | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.251 | 154  | 492055   | 40.822  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.293 | 162  | 397399   | 41.747  | ng    | 98       |
| 48) 2-Nitroaniline            | 13.510 | 65   | 162798   | 49.629  | ng    | 96       |
| 49) Acenaphthylene            | 14.140 | 152  | 624260   | 42.509  | ng    | 99       |
| 50) Dimethylphthalate         | 13.887 | 163  | 523590   | 41.970  | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.010 | 165  | 114873   | 44.367  | ng    | 96       |
| 52) Acenaphthene              | 14.487 | 154  | 367197   | 41.957  | ng    | 99       |
| 53) 3-Nitroaniline            | 14.340 | 138  | 86888    | 33.114  | ng    | 91       |
| 54) 2,4-Dinitrophenol         | 14.563 | 184  | 126421   | 82.583  | ng    | 89       |
| 55) Dibenzofuran              | 14.822 | 168  | 610958   | 40.852  | ng    | 96       |
| 56) 4-Nitrophenol             | 14.681 | 139  | 164196   | 81.642  | ng    | # 79     |
| 57) 2,4-Dinitrotoluene        | 14.810 | 165  | 163690   | 46.068  | ng    | # 86     |
| 58) Fluorene                  | 15.475 | 166  | 495131   | 40.748  | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 14.981 | 232  | 139354   | 39.998  | ng    | 96       |
| 60) Diethylphthalate          | 15.251 | 149  | 526537   | 42.531  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.469 | 204  | 260030   | 39.015  | ng    | 98       |
| 62) 4-Nitroaniline            | 15.516 | 138  | 106029   | 38.942  | ng    | 91       |
| 63) Azobenzene                | 15.763 | 77   | 567015   | 44.776  | ng    | 95       |
| 65) 4,6-Dinitro-2-methylph... | 15.581 | 198  | 89110    | 38.843  | ng    | 86       |
| 66) n-Nitrosodiphenylamine    | 15.687 | 169  | 437993   | 43.110  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.369 | 248  | 168290   | 43.149  | ng    | 95       |
| 68) Hexachlorobenzene         | 16.486 | 284  | 185743   | 44.552  | ng    | 99       |
| 69) Atrazine                  | 16.657 | 200  | 176013   | 66.751  | ng    | 96       |
| 70) Pentachlorophenol         | 16.845 | 266  | 200866   | 81.024  | ng    | 98       |
| 71) Phenanthrene              | 17.228 | 178  | 792361   | 42.787  | ng    | 99       |
| 72) Anthracene                | 17.322 | 178  | 814066   | 44.296  | ng    | 99       |
| 73) Carbazole                 | 17.598 | 167  | 730574   | 40.722  | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.151 | 149  | 890312   | 39.643  | ng    | 99       |
| 75) Fluoranthene              | 19.204 | 202  | 989492   | 39.664  | ng    | 100      |
| 77) Benzidine                 | 19.392 | 184  | 556064   | 105.306 | ng    | 98       |
| 78) Pyrene                    | 19.563 | 202  | 1022187  | 41.986  | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.439 | 149  | 422975   | 38.586  | ng    | 97       |
| 81) Benzo(a)anthracene        | 21.274 | 228  | 1043384  | 40.896  | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.216 | 252  | 359112   | 29.875  | ng    | 98       |
| 83) Chrysene                  | 21.327 | 228  | 1023337  | 42.151  | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.204 | 149  | 620023   | 37.253  | ng    | 100      |
| 85) Di-n-octyl phthalate      | 22.121 | 149  | 1124236  | 39.764  | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 26.168 | 276  | 1388841  | 45.283  | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 22.951 | 252  | 1124096  | 44.230  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.004 | 252  | 1119709  | 45.002  | ng    | 99       |
| 90) Benzo(a)pyrene            | 23.574 | 252  | 1121487  | 51.630  | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 26.180 | 278  | 1183236  | 46.453  | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 26.933 | 276  | 1174431  | 45.703  | ng    | 99       |

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

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QLast Update : Sat Dec 11 03:53:01 2021  
Response via : Initial Calibration

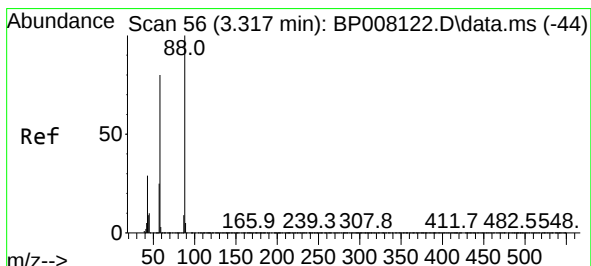
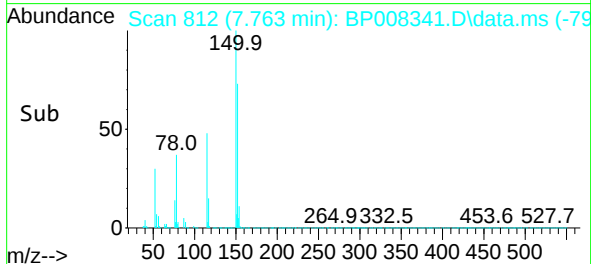
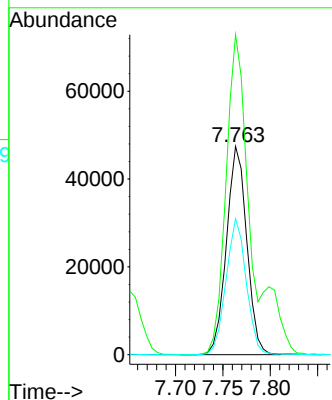
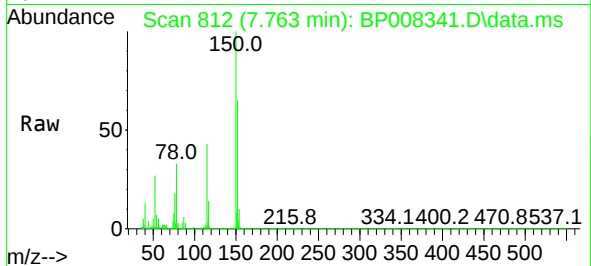




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.763 min Scan# 81  
 Delta R.T. 0.000 min  
 Lab File: BP008341.D  
 Acq: 10 Dec 2021 15:19

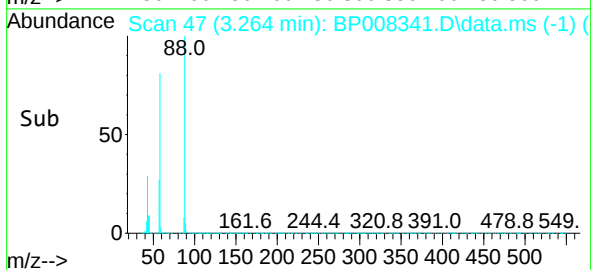
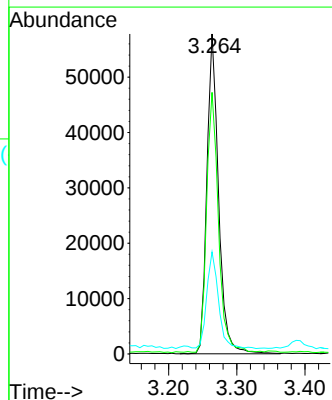
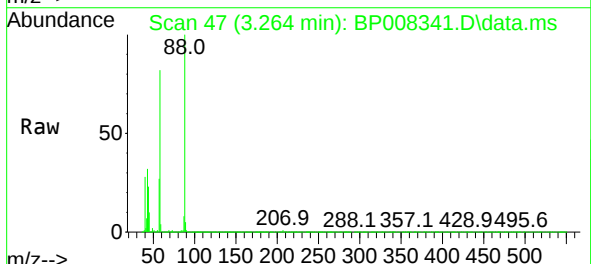
Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB141239BS

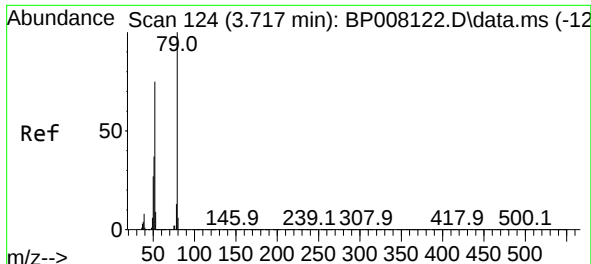
Tgt Ion:152 Resp: 70768  
 Ion Ratio Lower Upper  
 152 100  
 150 153.6 125.7 188.5  
 115 65.3 50.7 76.1



#2  
 1,4-Dioxane  
 Concen: 33.584 ng  
 RT: 3.264 min Scan# 47  
 Delta R.T. 0.006 min  
 Lab File: BP008341.D  
 Acq: 10 Dec 2021 15:19

Tgt Ion: 88 Resp: 68865  
 Ion Ratio Lower Upper  
 88 100  
 58 82.1 63.5 95.3  
 43 30.4 23.4 35.2

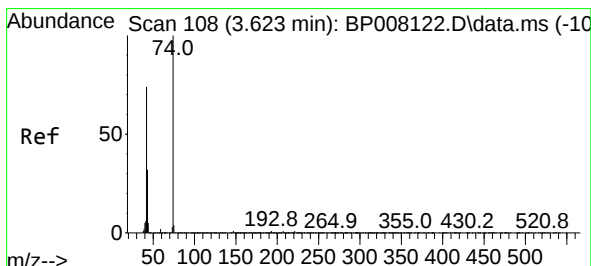
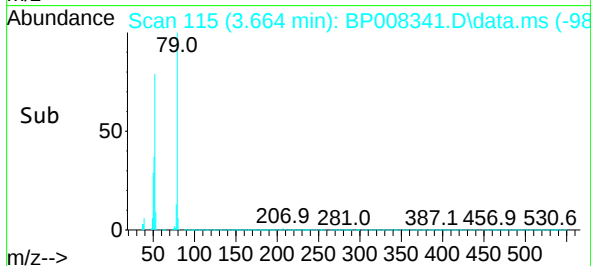
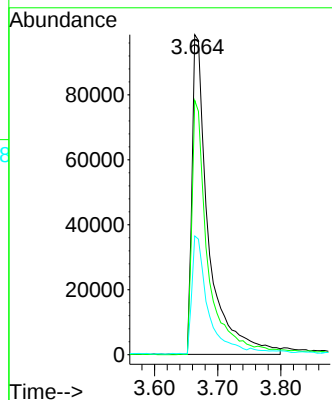
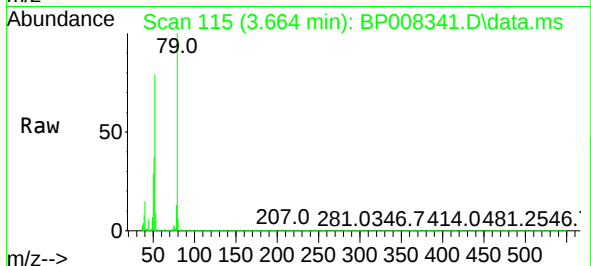




#3  
Pyridine  
Concen: 32.847 ng  
RT: 3.664 min Scan# 115  
Delta R.T. 0.000 min  
Lab File: BP008341.D  
Acq: 10 Dec 2021 15:19

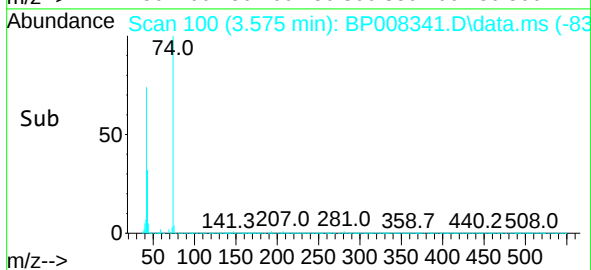
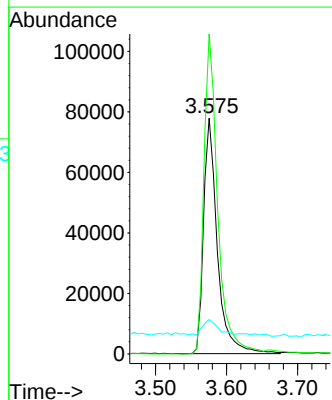
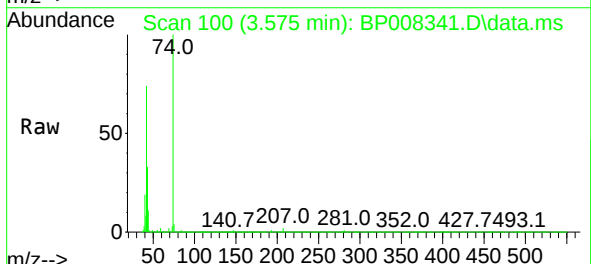
Instrument :  
BNA\_P  
ClientSampleId :  
PB141239BS

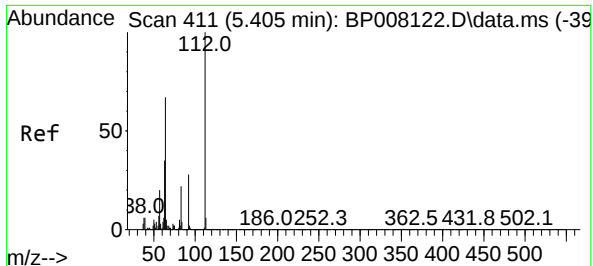
Tgt Ion: 79 Resp: 179772  
Ion Ratio Lower Upper  
79 100  
52 79.5 60.0 90.0  
51 37.1 29.6 44.4



#4  
n-Nitrosodimethylamine  
Concen: 45.988 ng  
RT: 3.575 min Scan# 100  
Delta R.T. 0.000 min  
Lab File: BP008341.D  
Acq: 10 Dec 2021 15:19

Tgt Ion: 42 Resp: 104981  
Ion Ratio Lower Upper  
42 100  
74 135.8 108.0 162.0  
44 14.6 5.8 8.6

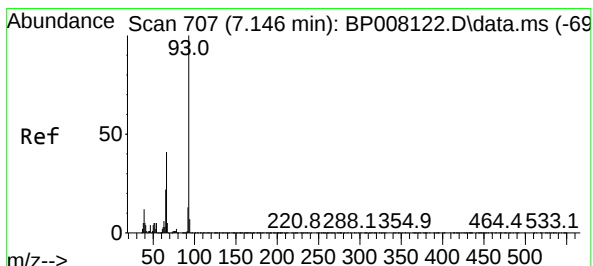
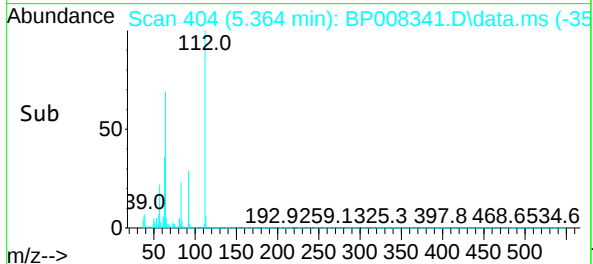
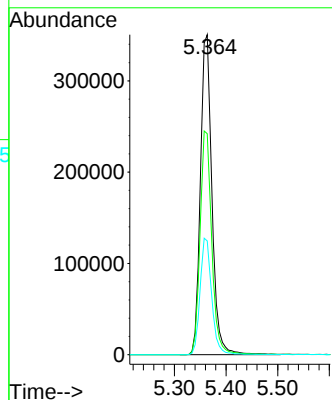
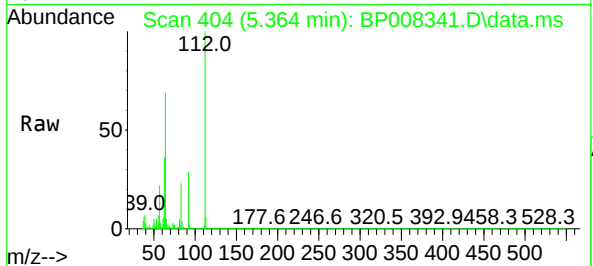




#5  
2-Fluorophenol  
Concen: 123.657 ng  
RT: 5.364 min Scan# 411  
Delta R.T. 0.006 min  
Lab File: BP008341.D  
Acq: 10 Dec 2021 15:19

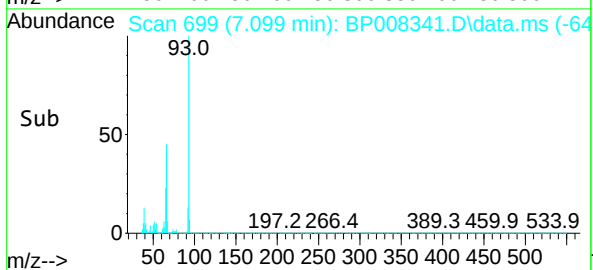
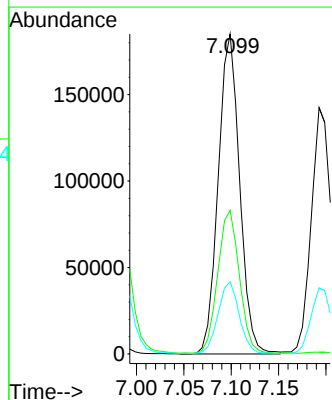
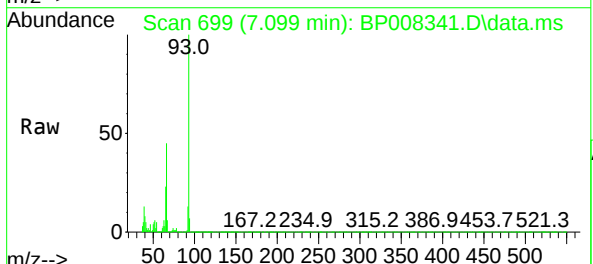
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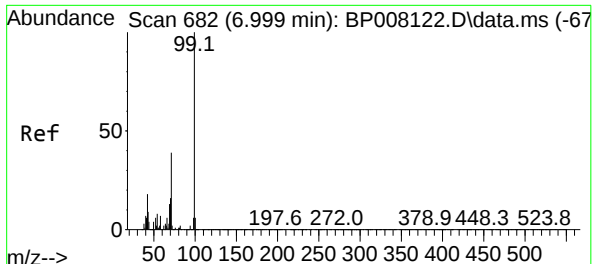
Tgt Ion:112 Resp: 543505  
Ion Ratio Lower Upper  
112 100  
64 69.1 53.4 80.2  
63 35.6 27.8 41.8



#6  
Aniline  
Concen: 41.802 ng  
RT: 7.099 min Scan# 699  
Delta R.T. 0.006 min  
Lab File: BP008341.D  
Acq: 10 Dec 2021 15:19

Tgt Ion: 93 Resp: 290734  
Ion Ratio Lower Upper  
93 100  
66 44.9 32.9 49.3  
65 22.5 17.5 26.3

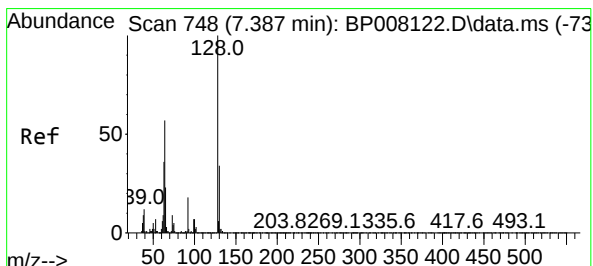
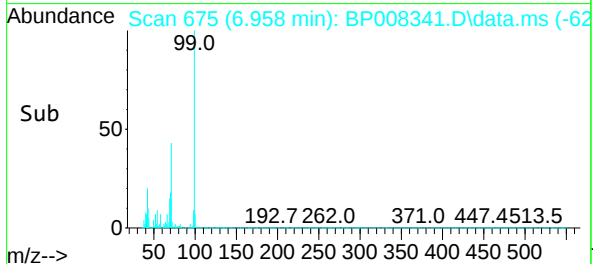
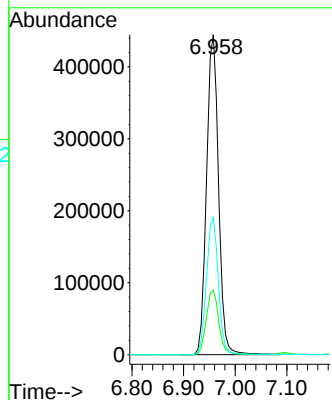
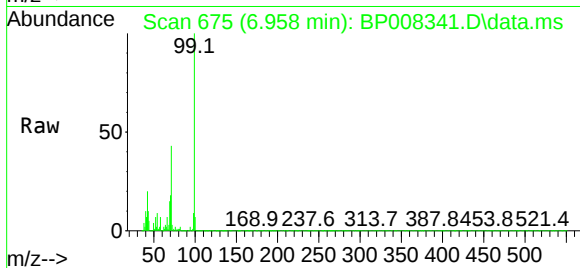




#7  
Phenol-d6  
Concen: 120.399 ng  
RT: 6.958 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: BP008341.D  
Acq: 10 Dec 2021 15:19

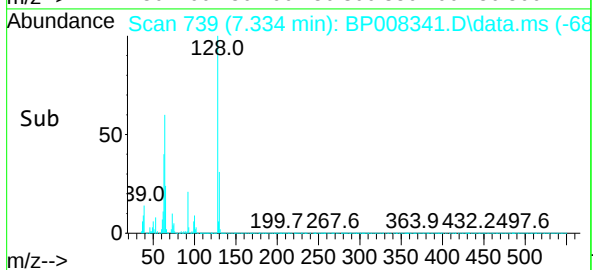
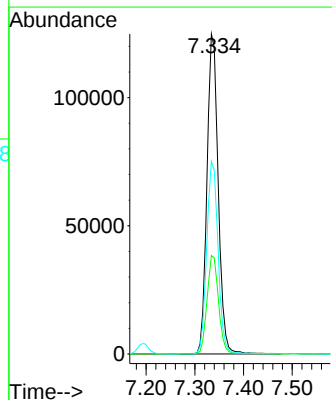
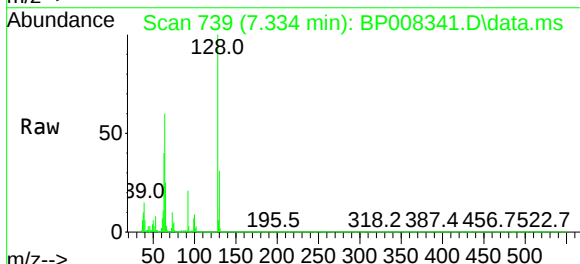
Instrument :  
BNA\_P  
ClientSampleId :  
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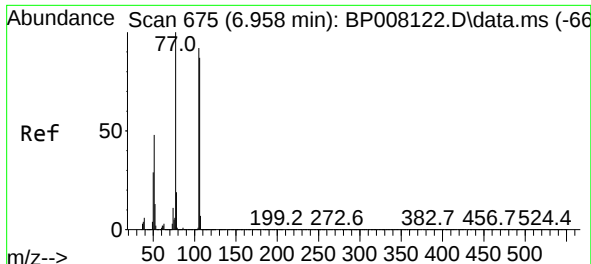
Tgt Ion: 99 Resp: 714365  
Ion Ratio Lower Upper  
99 100  
42 20.1 14.6 22.0  
71 42.8 31.1 46.7



#8  
2-Chlorophenol  
Concen: 44.383 ng  
RT: 7.334 min Scan# 739  
Delta R.T. 0.006 min  
Lab File: BP008341.D  
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Tgt Ion: 128 Resp: 199695  
Ion Ratio Lower Upper  
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130 30.7 13.5 53.5  
64 60.2 37.4 77.4

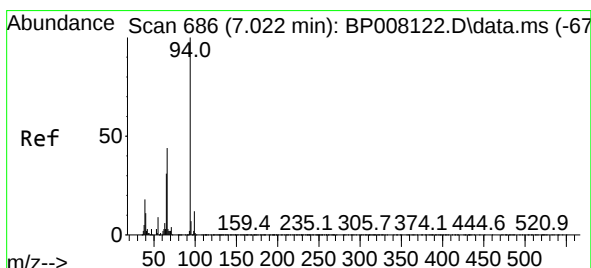
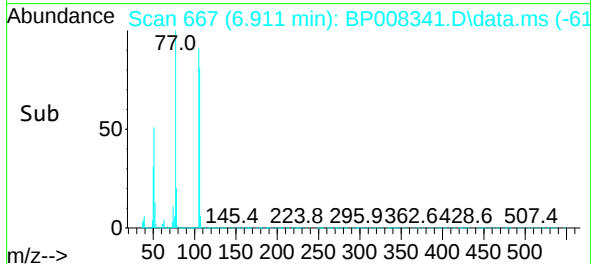
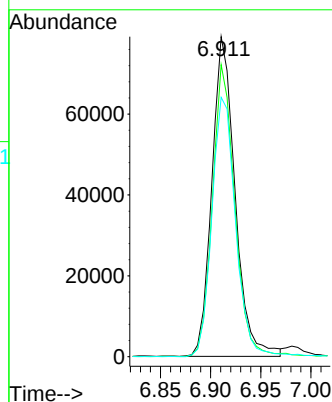
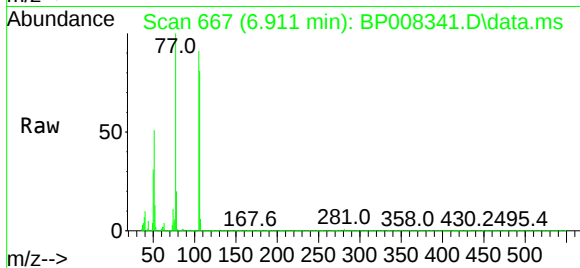




#9  
Benzaldehyde  
Concen: 38.565 ng  
RT: 6.911 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BP008341.D  
Acq: 10 Dec 2021 15:19

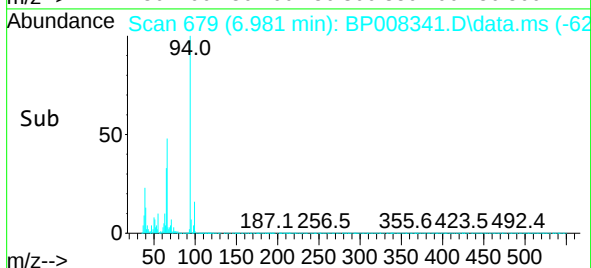
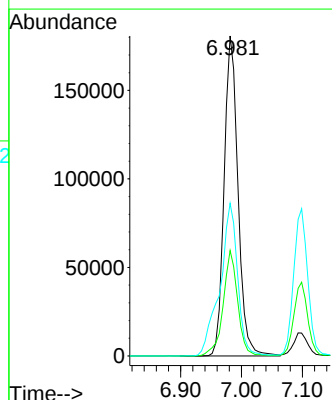
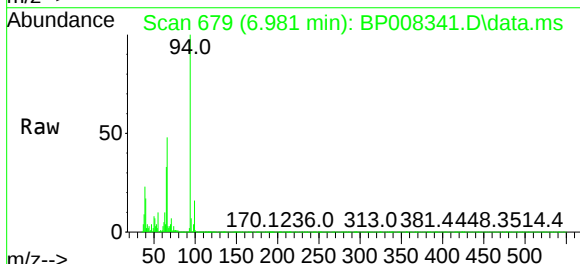
Instrument :  
BNA\_P  
ClientSampleId :  
PB141239BS

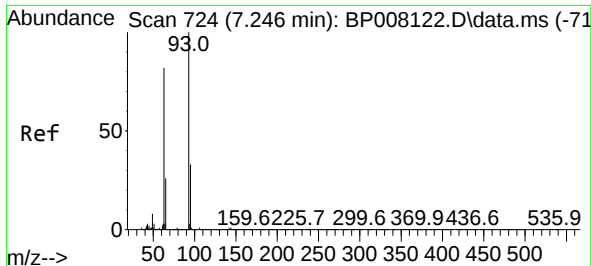
Tgt Ion: 77 Resp: 127272  
Ion Ratio Lower Upper  
77 100  
105 91.2 71.8 111.8  
106 81.1 67.3 107.3



#10  
Phenol  
Concen: 46.925 ng  
RT: 6.981 min Scan# 679  
Delta R.T. 0.006 min  
Lab File: BP008341.D  
Acq: 10 Dec 2021 15:19

Tgt Ion: 94 Resp: 286109  
Ion Ratio Lower Upper  
94 100  
65 32.9 10.9 50.9  
66 47.7 24.3 64.3

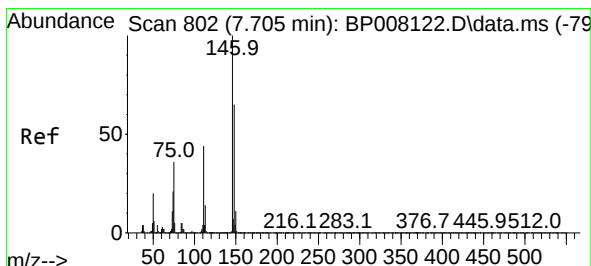
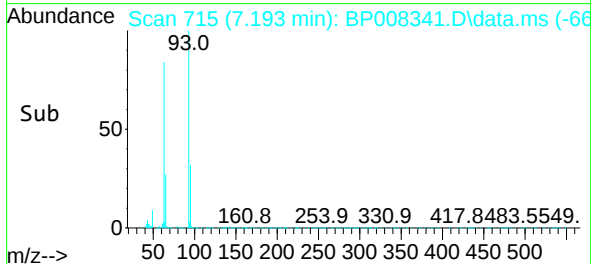
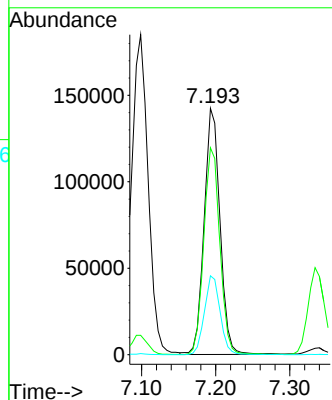
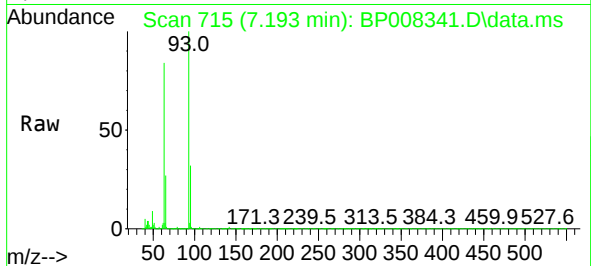




#11  
bis(2-Chloroethyl)ether  
Concen: 43.541 ng  
RT: 7.193 min Scan# 715  
Delta R.T. 0.000 min  
Lab File: BP008341.D  
Acq: 10 Dec 2021 15:19

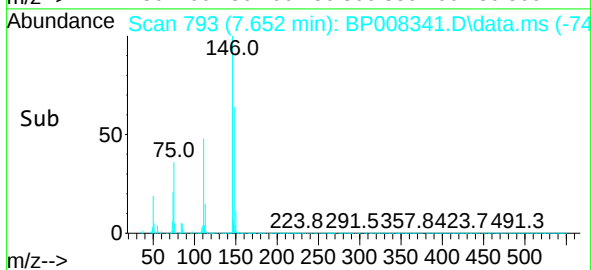
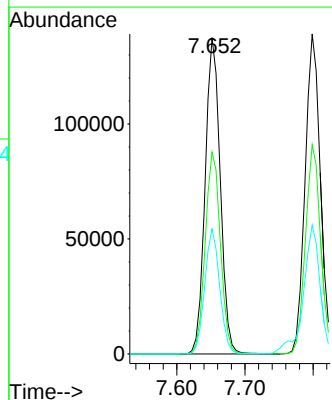
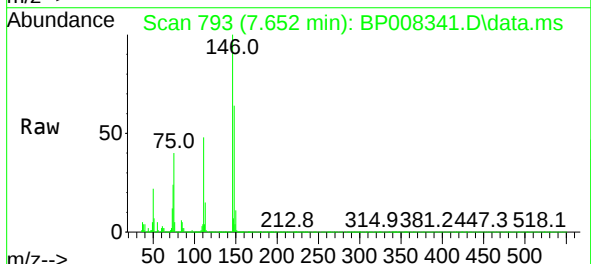
Instrument :  
BNA\_P  
ClientSampleId :  
PB141239BS

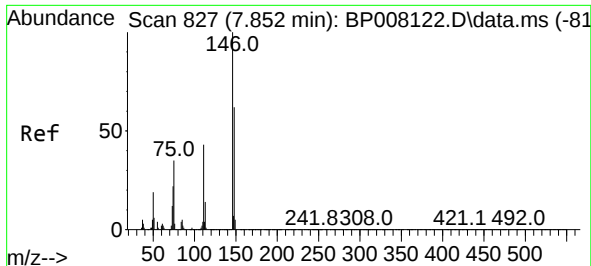
Tgt Ion: 93 Resp: 212196  
Ion Ratio Lower Upper  
93 100  
63 83.9 61.8 101.8  
95 32.0 12.5 52.5



#12  
1,3-Dichlorobenzene  
Concen: 40.844 ng  
RT: 7.652 min Scan# 793  
Delta R.T. 0.006 min  
Lab File: BP008341.D  
Acq: 10 Dec 2021 15:19

Tgt Ion: 146 Resp: 212123  
Ion Ratio Lower Upper  
146 100  
148 63.8 51.9 77.9  
75 39.5 29.0 43.6

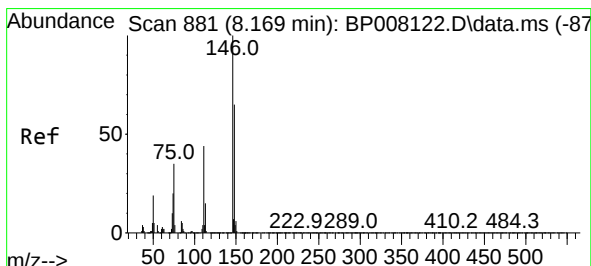
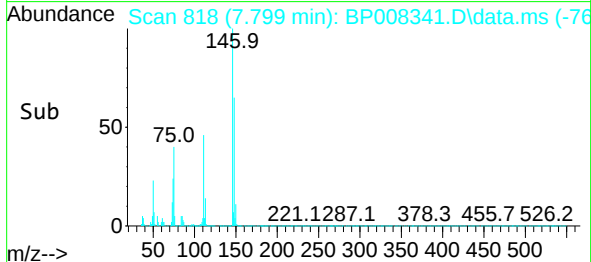
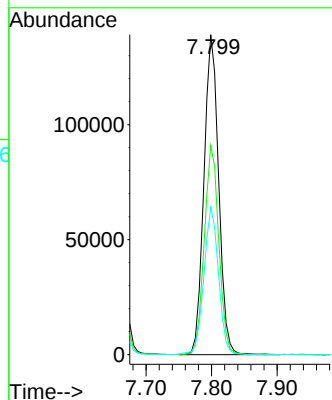
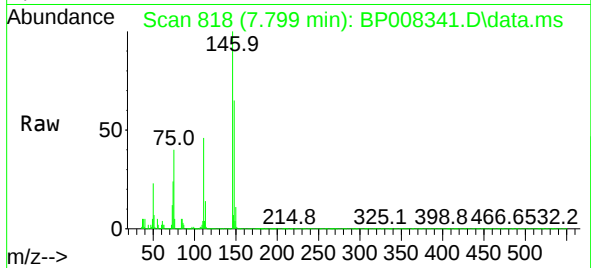




#13  
1,4-Dichlorobenzene  
Concen: 41.318 ng  
RT: 7.799 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: BP008341.D  
Acq: 10 Dec 2021 15:19

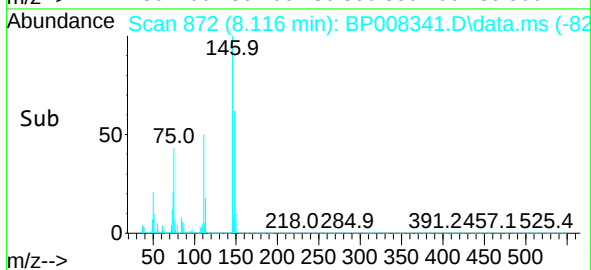
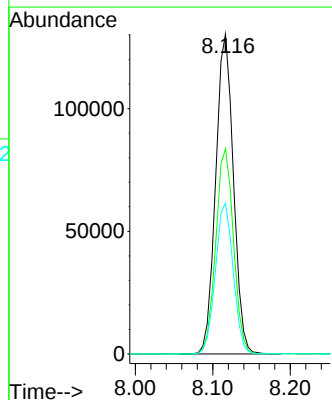
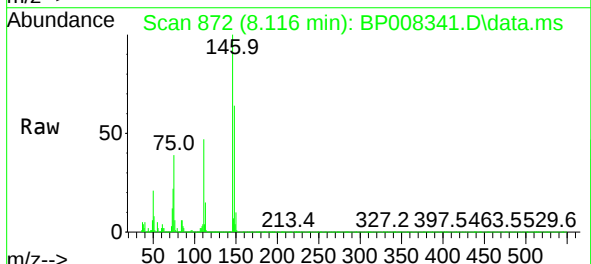
Instrument :  
BNA\_P  
ClientSampleId :  
PB141239BS

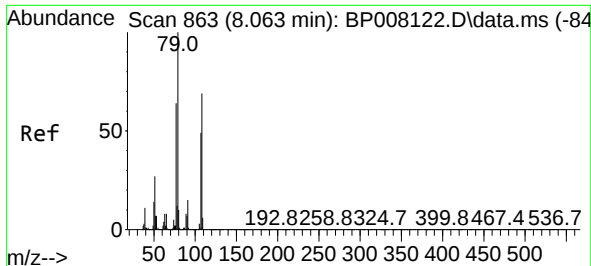
Tgt Ion:146 Resp: 217561  
Ion Ratio Lower Upper  
146 100  
148 65.4 49.6 74.4  
111 46.1 34.7 52.1



#14  
1,2-Dichlorobenzene  
Concen: 39.576 ng  
RT: 8.116 min Scan# 872  
Delta R.T. 0.006 min  
Lab File: BP008341.D  
Acq: 10 Dec 2021 15:19

Tgt Ion:146 Resp: 207244  
Ion Ratio Lower Upper  
146 100  
148 64.2 51.8 77.6  
111 47.2 35.0 52.6

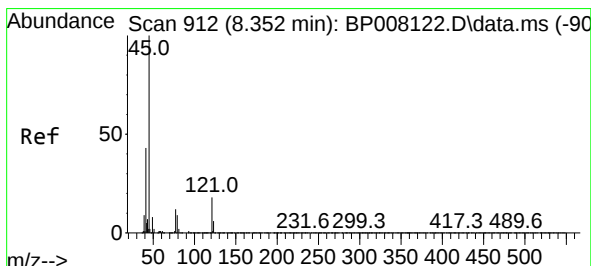
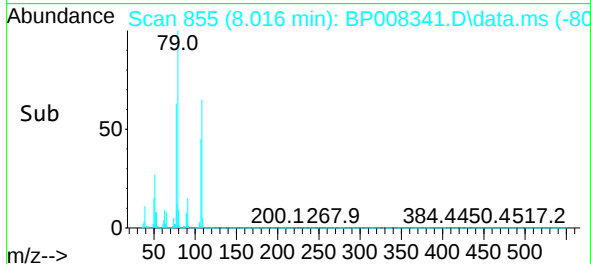
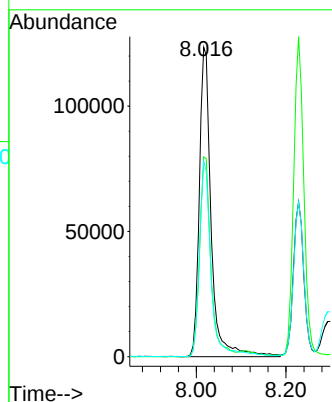
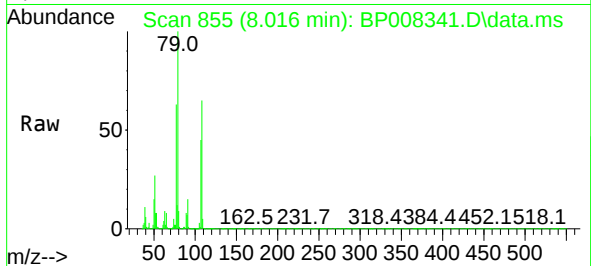




#15  
Benzyl Alcohol  
Concen: 47.951 ng  
RT: 8.016 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: BP008341.D  
Acq: 10 Dec 2021 15:19

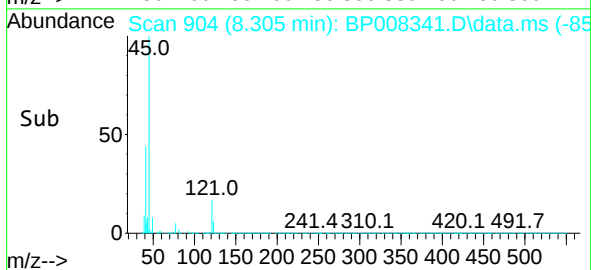
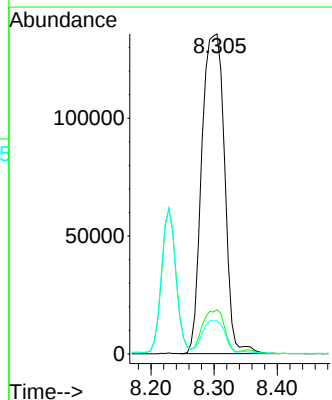
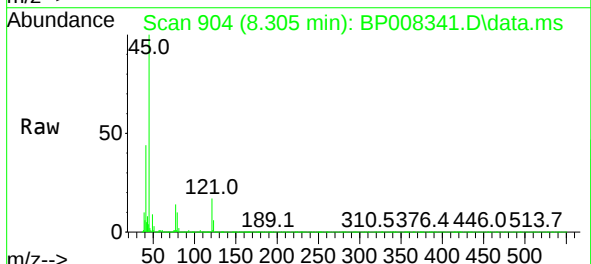
Instrument :  
BNA\_P  
ClientSampleId :  
PB141239BS

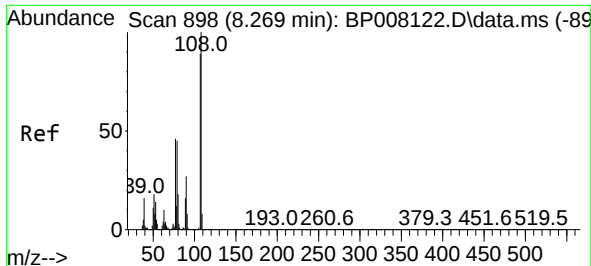
Tgt Ion: 79 Resp: 225415  
Ion Ratio Lower Upper  
79 100  
108 64.6 55.5 83.3  
77 63.0 51.0 76.6



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 45.955 ng  
RT: 8.305 min Scan# 904  
Delta R.T. 0.006 min  
Lab File: BP008341.D  
Acq: 10 Dec 2021 15:19

Tgt Ion: 45 Resp: 337925  
Ion Ratio Lower Upper  
45 100  
77 13.8 0.0 33.8  
79 10.3 0.0 30.4

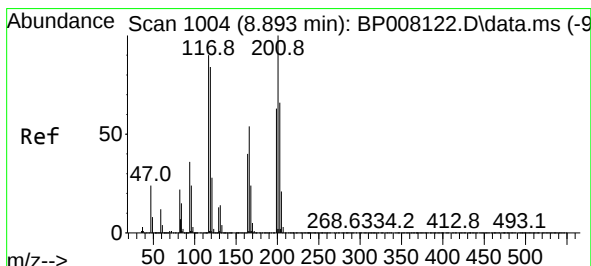
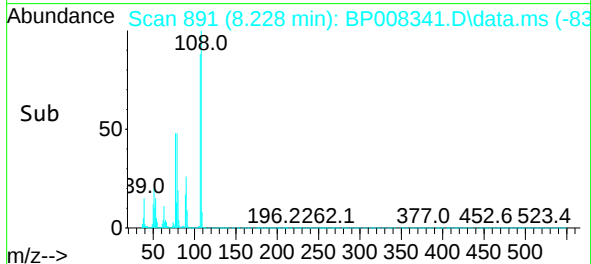
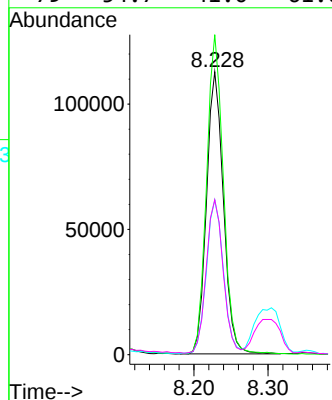
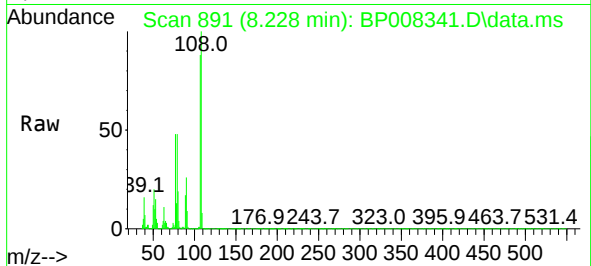




#17  
2-Methylphenol  
Concen: 44.954 ng  
RT: 8.228 min Scan# 891  
Delta R.T. 0.006 min  
Lab File: BP008341.D  
Acq: 10 Dec 2021 15:19

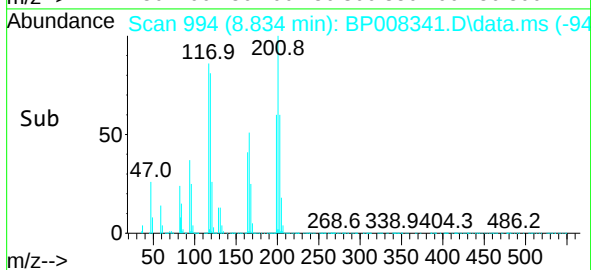
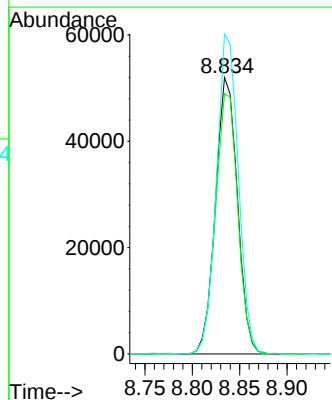
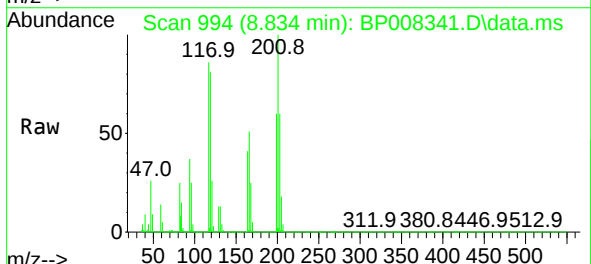
Instrument :  
BNA\_P  
ClientSampleId :  
PB141239BS

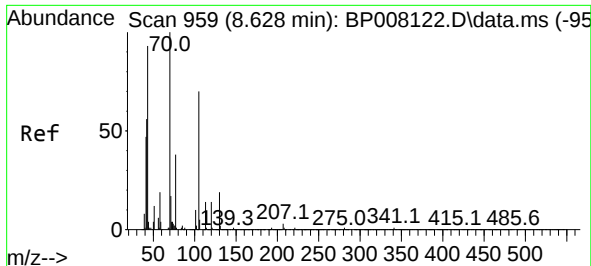
Tgt Ion:107 Resp: 178319  
Ion Ratio Lower Upper  
107 100  
108 113.1 90.2 135.2  
77 54.7 41.3 61.9  
79 54.7 41.0 61.6



#18  
Hexachloroethane  
Concen: 42.850 ng  
RT: 8.834 min Scan# 994  
Delta R.T. 0.000 min  
Lab File: BP008341.D  
Acq: 10 Dec 2021 15:19

Tgt Ion:117 Resp: 83894  
Ion Ratio Lower Upper  
117 100  
119 94.2 74.7 112.1  
201 115.8 88.6 132.8

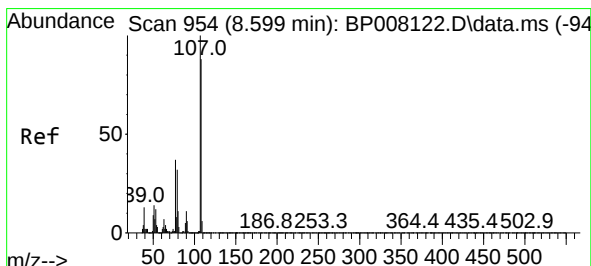
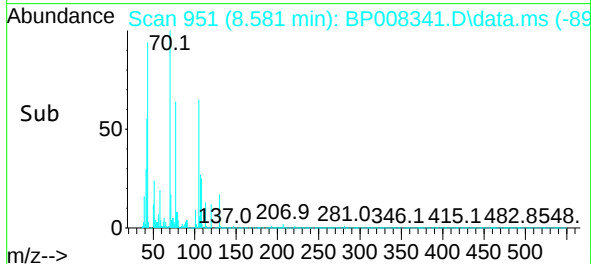
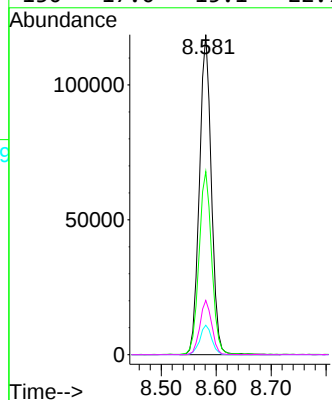
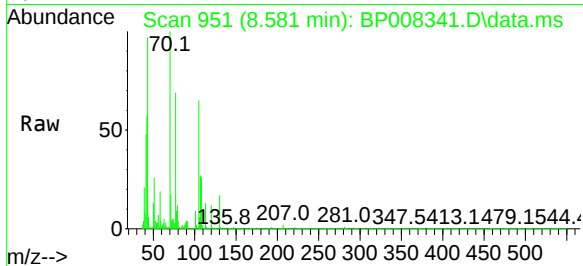




#19  
n-Nitroso-di-n-propylamine  
Concen: 43.633 ng  
RT: 8.581 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: BP008341.D  
Acq: 10 Dec 2021 15:19

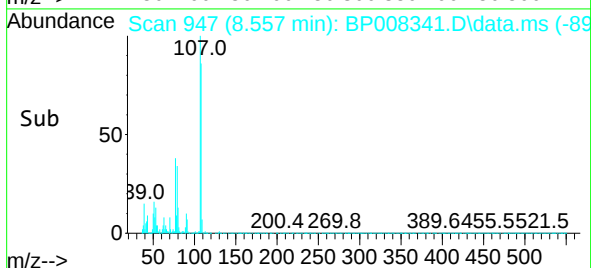
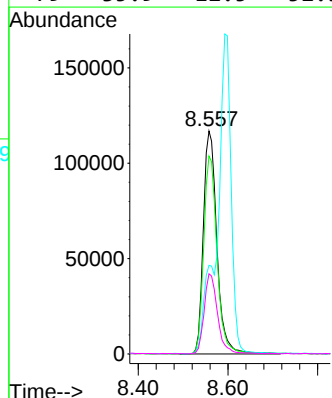
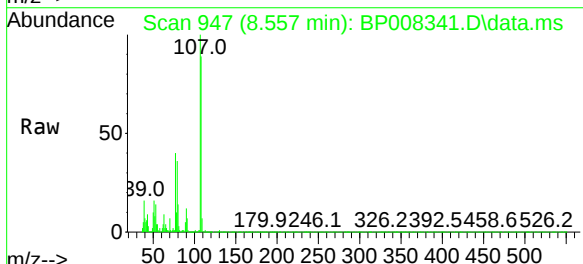
Instrument :  
BNA\_P  
ClientSampleId :  
PB141239BS

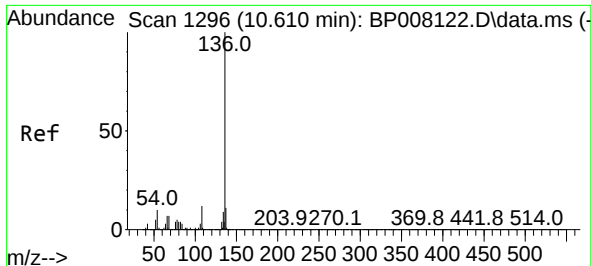
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 179139 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 57.2  | 45.4  | 68.2   |
| 101      | 9.2   | 7.6   | 11.4   |
| 130      | 17.0  | 15.1  | 22.7   |



#20  
3+4-Methylphenols  
Concen: 44.587 ng  
RT: 8.557 min Scan# 947  
Delta R.T. 0.006 min  
Lab File: BP008341.D  
Acq: 10 Dec 2021 15:19

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 244094 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 88.8  | 68.2  | 108.2  |
| 77       | 39.8  | 16.9  | 56.9   |
| 79       | 35.9  | 12.5  | 52.5   |

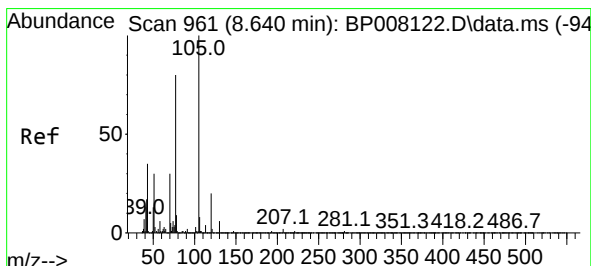
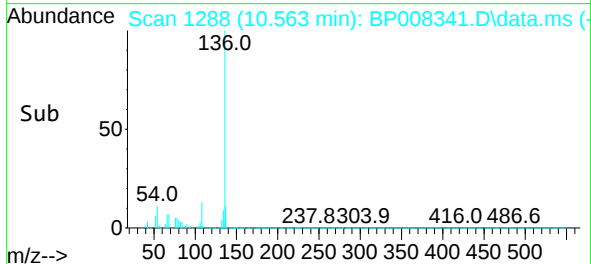
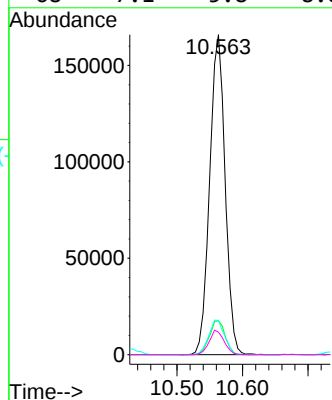
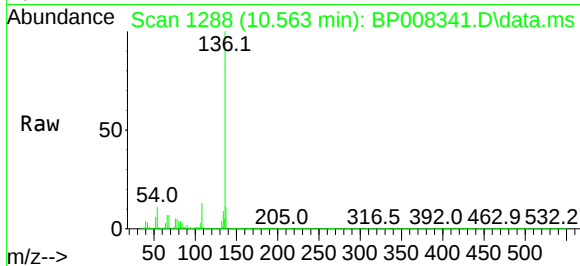




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.563 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BP008341.D  
Acq: 10 Dec 2021 15:19

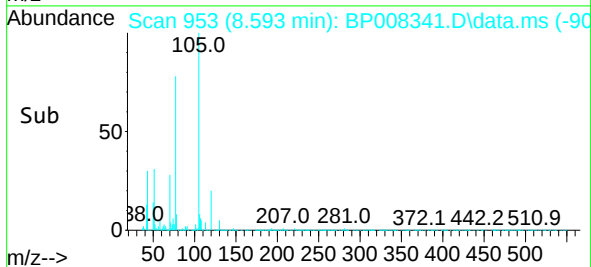
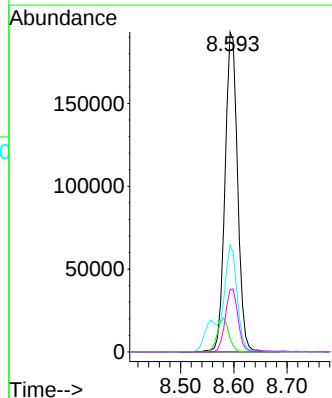
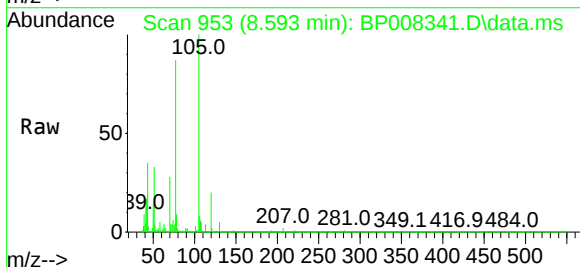
Instrument :  
BNA\_P  
ClientSampleId :  
PB141239BS

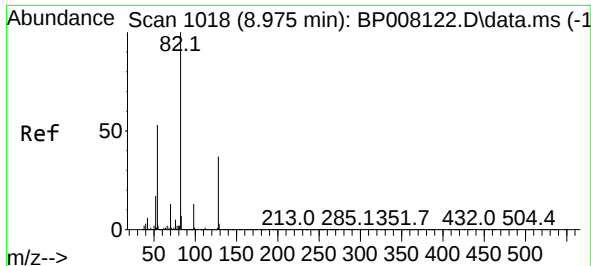
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 271837 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.6  | 9.0   | 13.6   |
| 54       | 10.7  | 8.2   | 12.4   |
| 68       | 7.1   | 5.8   | 8.8    |



#22  
Acetophenone  
Concen: 42.555 ng  
RT: 8.593 min Scan# 953  
Delta R.T. 0.000 min  
Lab File: BP008341.D  
Acq: 10 Dec 2021 15:19

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 316414 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 4.3   | 4.0   | 6.0    |
| 51       | 33.4  | 23.8  | 35.6   |
| 120      | 19.5  | 16.0  | 24.0   |

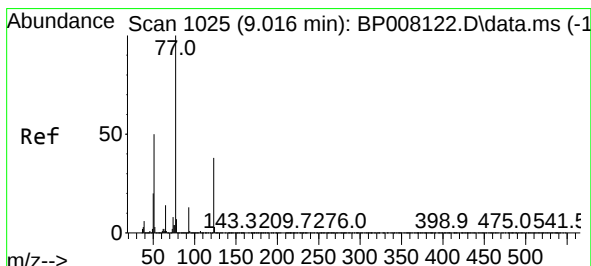
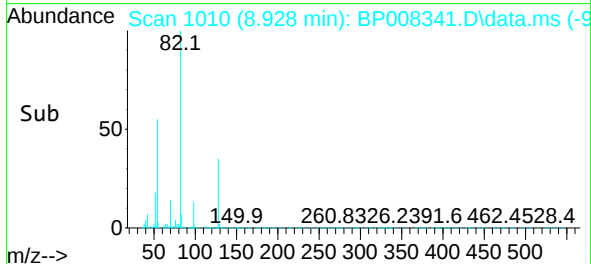
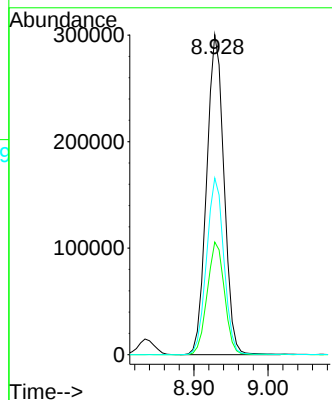
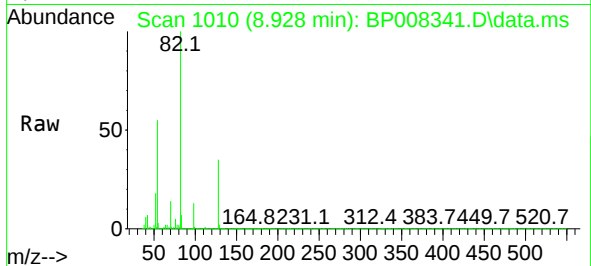




#23  
Nitrobenzene-d5  
Concen: 81.663 ng  
RT: 8.928 min Scan# 1010  
Delta R.T. 0.000 min  
Lab File: BP008341.D  
Acq: 10 Dec 2021 15:19

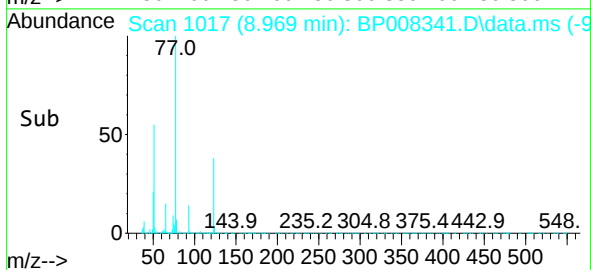
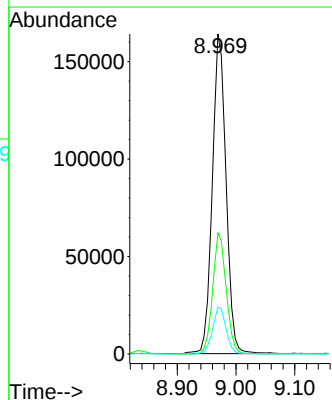
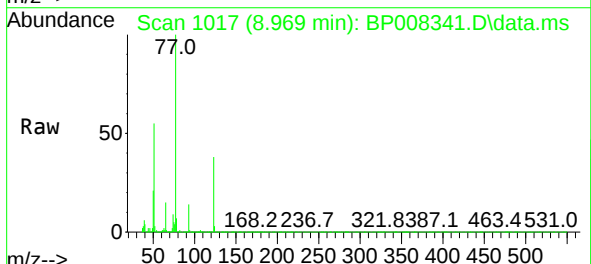
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BNA\_P  
ClientSampleId :  
PB141239BS

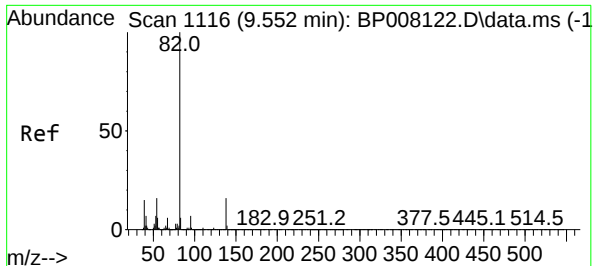
Tgt Ion: 82 Resp: 488176  
Ion Ratio Lower Upper  
82 100  
128 35.2 29.6 44.4  
54 55.2 42.7 64.1



#24  
Nitrobenzene  
Concen: 45.935 ng  
RT: 8.969 min Scan# 1017  
Delta R.T. 0.000 min  
Lab File: BP008341.D  
Acq: 10 Dec 2021 15:19

Tgt Ion: 77 Resp: 266300  
Ion Ratio Lower Upper  
77 100  
123 37.8 30.4 45.6  
65 14.7 11.3 16.9

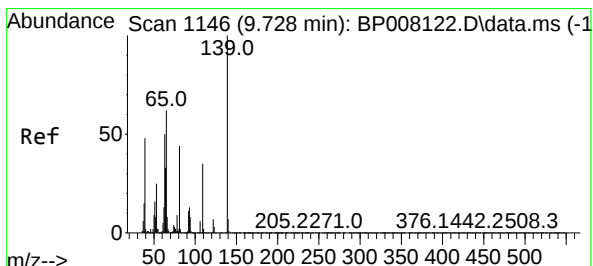
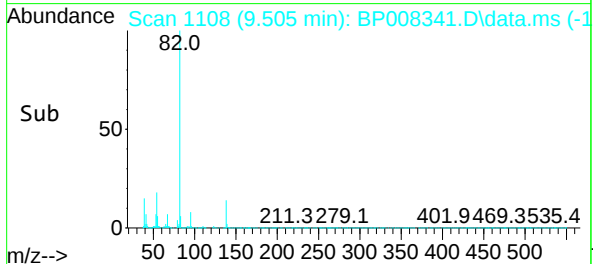
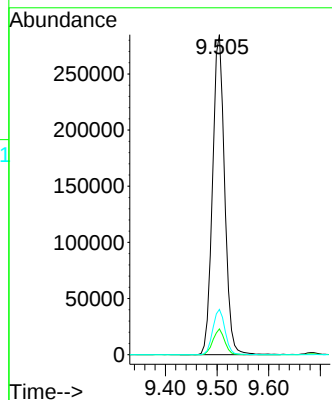
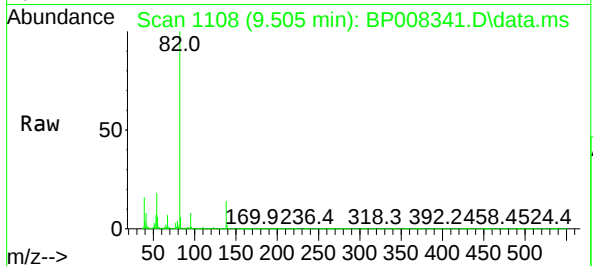




#25  
Isophorone  
Concen: 44.149 ng  
RT: 9.505 min Scan# 1116  
Delta R.T. 0.006 min  
Lab File: BP008341.D  
Acq: 10 Dec 2021 15:19

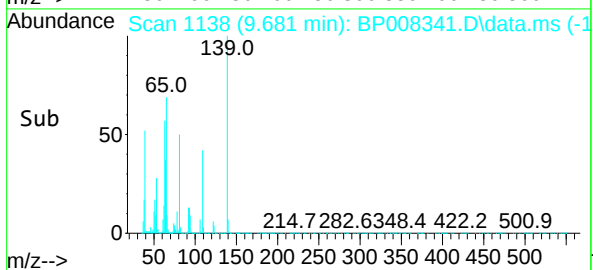
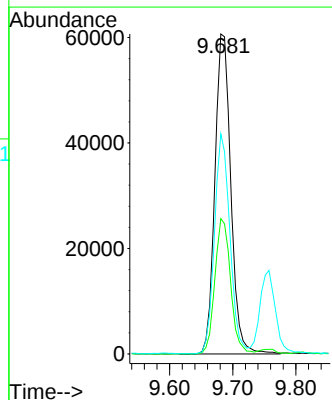
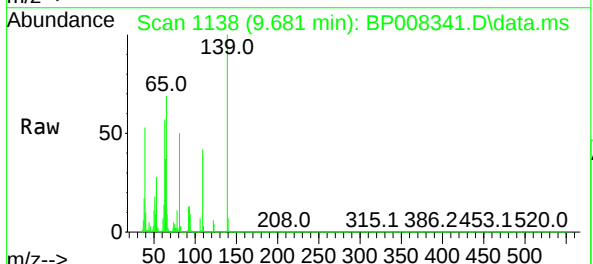
Instrument :  
BNA\_P  
ClientSampleId :  
PB141239BS

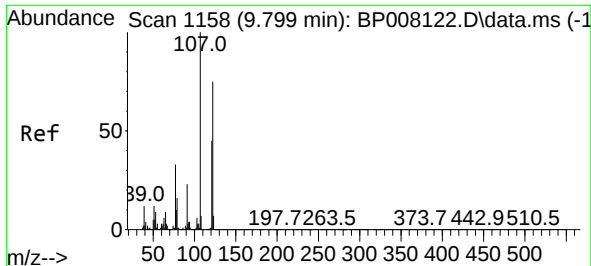
Tgt Ion: 82 Resp: 461730  
Ion Ratio Lower Upper  
82 100  
95 8.1 5.9 8.9  
138 14.2 12.7 19.1



#26  
2-Nitrophenol  
Concen: 42.571 ng  
RT: 9.681 min Scan# 1138  
Delta R.T. 0.000 min  
Lab File: BP008341.D  
Acq: 10 Dec 2021 15:19

Tgt Ion: 139 Resp: 106481  
Ion Ratio Lower Upper  
139 100  
109 42.3 28.3 42.5  
65 68.8 49.7 74.5

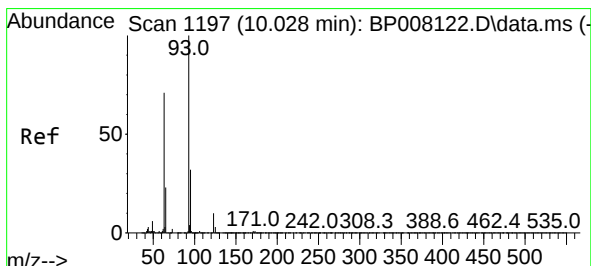
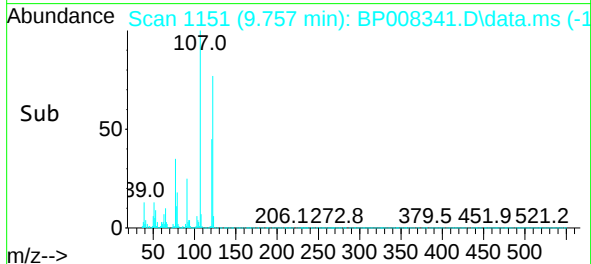
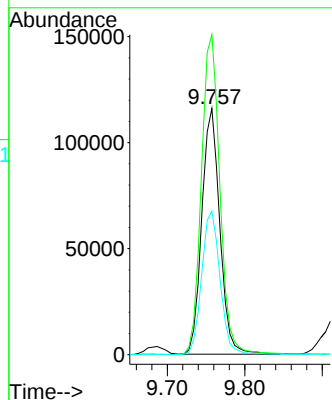
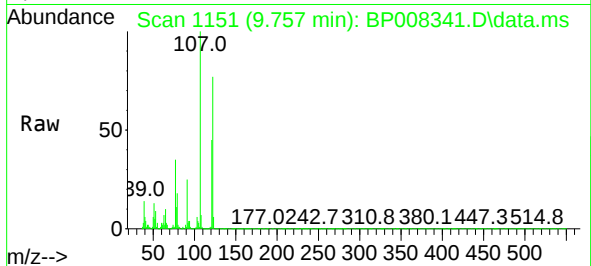




#27  
2,4-Dimethylphenol  
Concen: 49.986 ng  
RT: 9.757 min Scan# 1151  
Delta R.T. 0.006 min  
Lab File: BP008341.D  
Acq: 10 Dec 2021 15:19

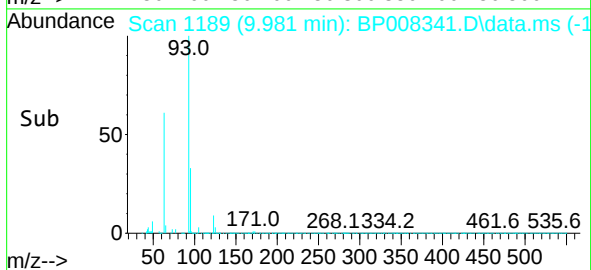
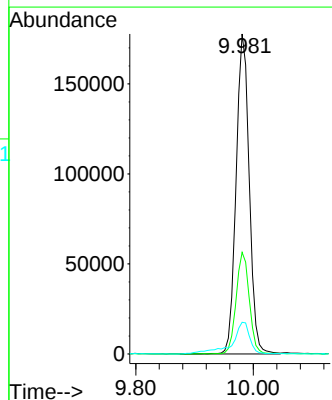
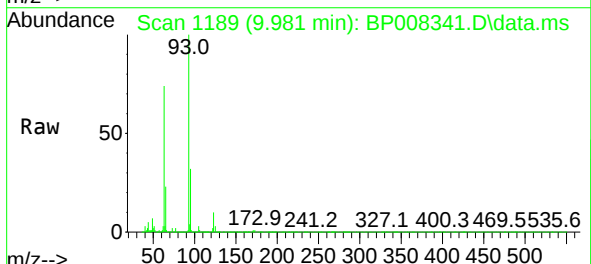
Instrument :  
BNA\_P  
ClientSampleId :  
PB141239BS

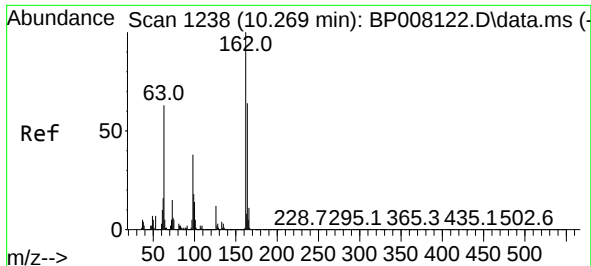
Tgt Ion:122 Resp: 186984  
Ion Ratio Lower Upper  
122 100  
107 130.0 106.6 160.0  
121 58.3 48.1 72.1



#28  
bis(2-Chloroethoxy)methane  
Concen: 41.425 ng  
RT: 9.981 min Scan# 1189  
Delta R.T. 0.006 min  
Lab File: BP008341.D  
Acq: 10 Dec 2021 15:19

Tgt Ion: 93 Resp: 276117  
Ion Ratio Lower Upper  
93 100  
95 31.8 25.4 38.2  
123 9.9 7.8 11.6

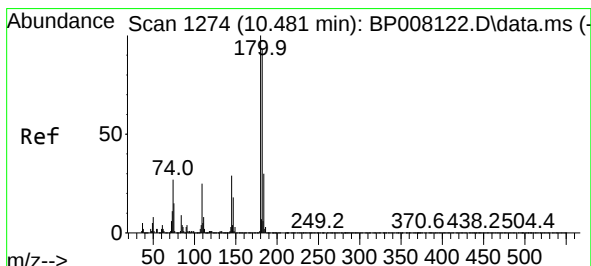
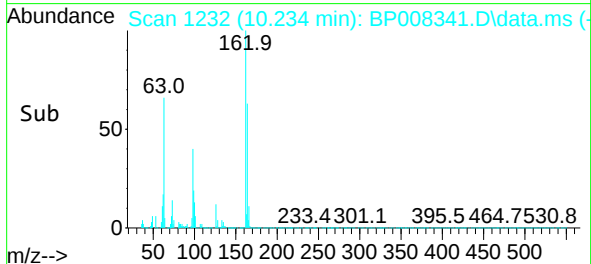
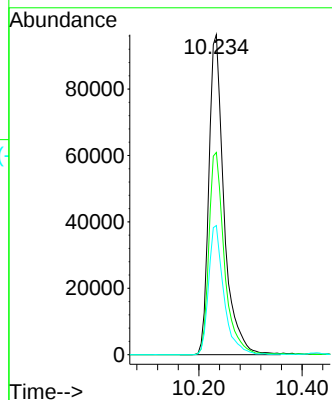
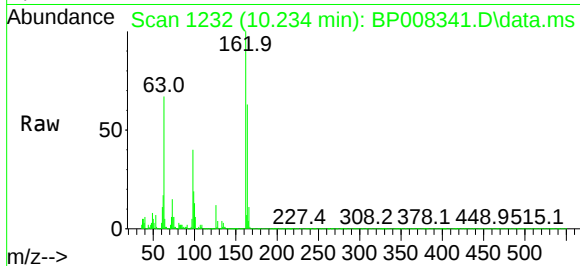




#29  
2,4-Dichlorophenol  
Concen: 43.909 ng  
RT: 10.234 min Scan# 1232  
Delta R.T. 0.006 min  
Lab File: BP008341.D  
Acq: 10 Dec 2021 15:19

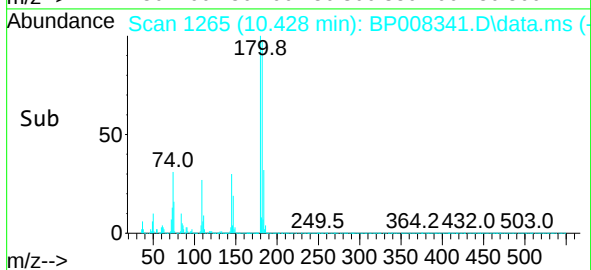
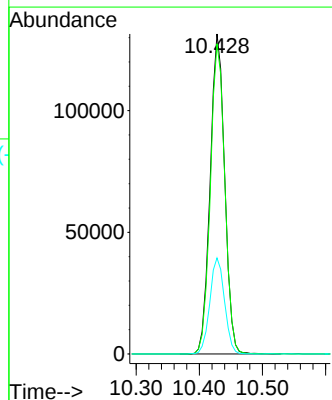
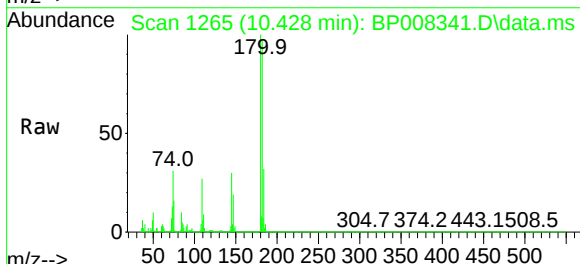
Instrument :  
BNA\_P  
ClientSampleId :  
PB141239BS

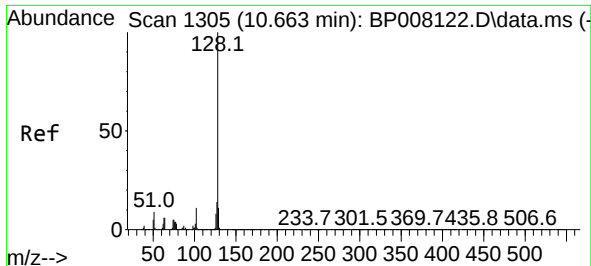
Tgt Ion:162 Resp: 196171  
Ion Ratio Lower Upper  
162 100  
164 63.2 43.9 83.9  
98 40.3 17.9 57.9



#30  
1,2,4-Trichlorobenzene  
Concen: 40.463 ng  
RT: 10.428 min Scan# 1265  
Delta R.T. 0.006 min  
Lab File: BP008341.D  
Acq: 10 Dec 2021 15:19

Tgt Ion:180 Resp: 209825  
Ion Ratio Lower Upper  
180 100  
182 96.9 74.8 112.2  
145 30.0 23.2 34.8

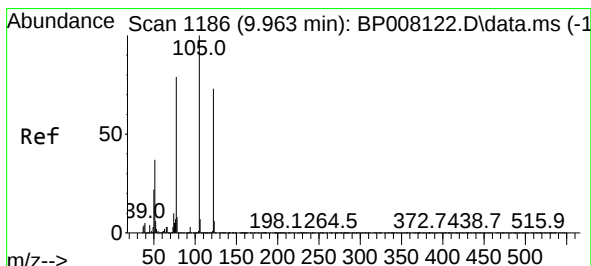
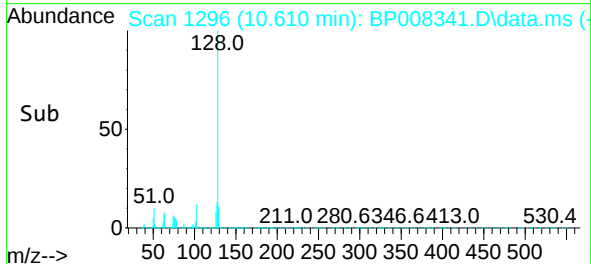
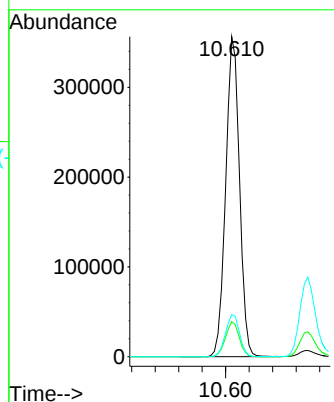
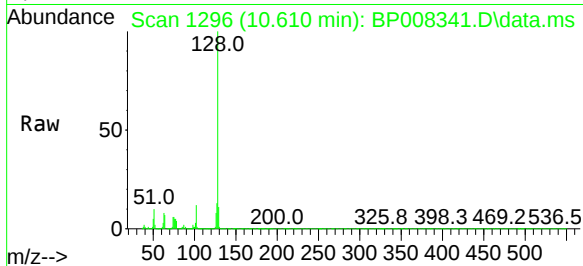




#31  
Naphthalene  
Concen: 41.614 ng  
RT: 10.610 min Scan# 1184  
Delta R.T. 0.000 min  
Lab File: BP008341.D  
Acq: 10 Dec 2021 15:19

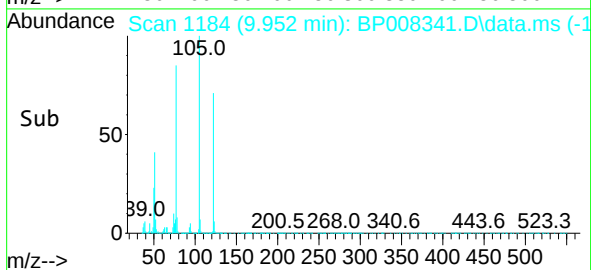
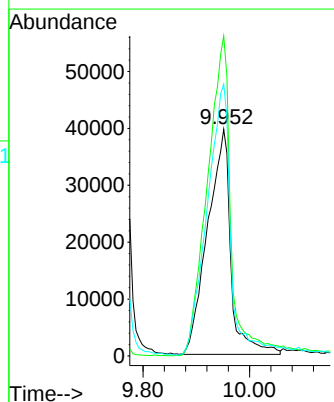
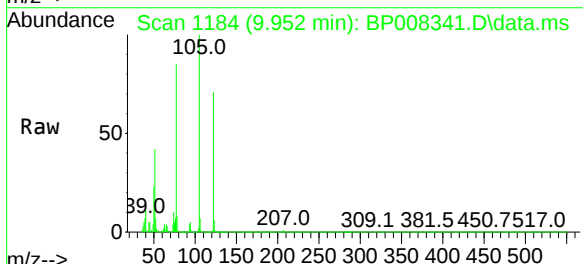
Instrument :  
BNA\_P  
ClientSampleId :  
PB141239BS

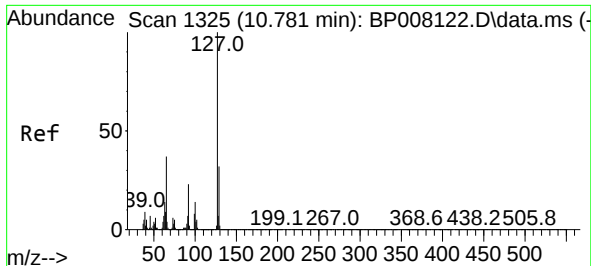
Tgt Ion:128 Resp: 579485  
Ion Ratio Lower Upper  
128 100  
129 10.9 8.5 12.7  
127 13.1 10.9 16.3



#32  
Benzoic acid  
Concen: 39.294 ng  
RT: 9.952 min Scan# 1184  
Delta R.T. 0.000 min  
Lab File: BP008341.D  
Acq: 10 Dec 2021 15:19

Tgt Ion:122 Resp: 120237  
Ion Ratio Lower Upper  
122 100  
105 141.1 117.4 157.4  
77 119.9 89.2 129.2

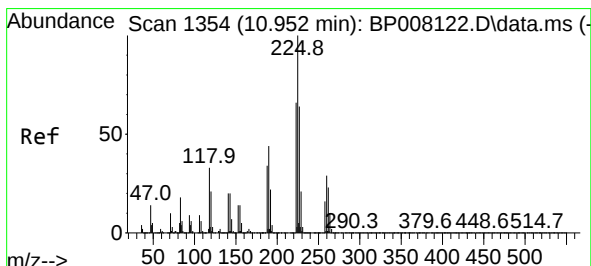
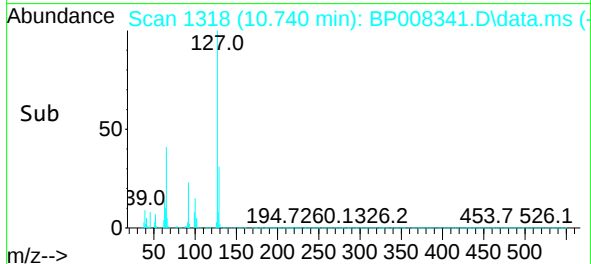
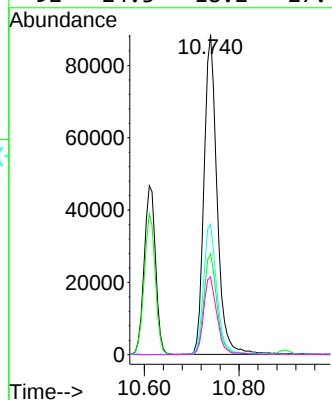
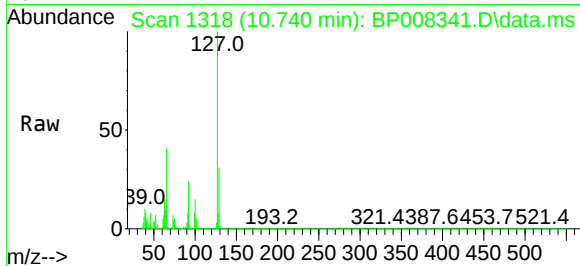




#33  
4-Chloroaniline  
Concen: 29.342 ng  
RT: 10.740 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BP008341.D  
Acq: 10 Dec 2021 15:19

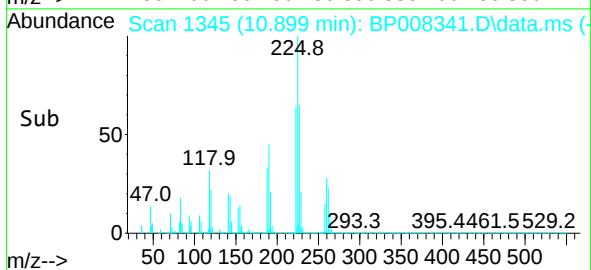
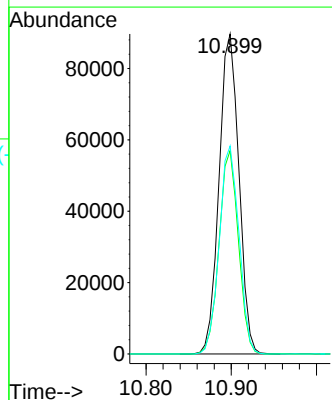
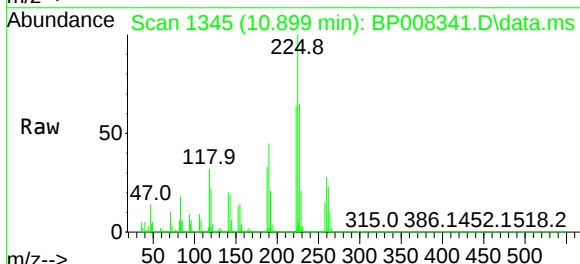
Instrument :  
BNA\_P  
ClientSampleId :  
PB141239BS

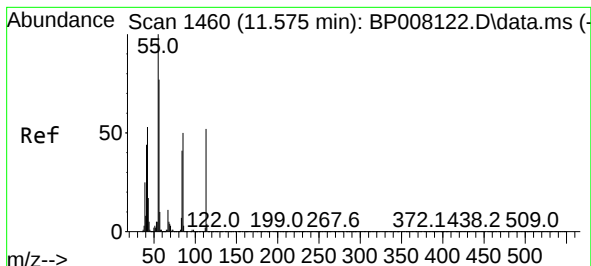
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 169512 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 31.5  | 25.4  | 38.2   |
| 65       | 40.8  | 29.5  | 44.3   |
| 92       | 24.3  | 18.2  | 27.4   |



#34  
Hexachlorobutadiene  
Concen: 40.902 ng  
RT: 10.899 min Scan# 1345  
Delta R.T. 0.006 min  
Lab File: BP008341.D  
Acq: 10 Dec 2021 15:19

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 145149 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.6  | 52.5  | 78.7   |
| 227      | 65.0  | 51.0  | 76.6   |





#35

Caprolactam

Concen: 34.991 ng

RT: 11.546 min Scan# 1460

Delta R.T. 0.006 min

Lab File: BP008341.D

Acq: 10 Dec 2021 15:19

Instrument :

BNA\_P

ClientSampleId :

PB141239BS

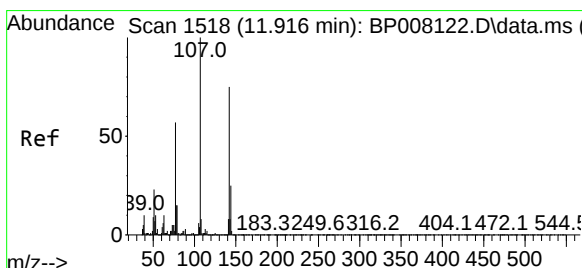
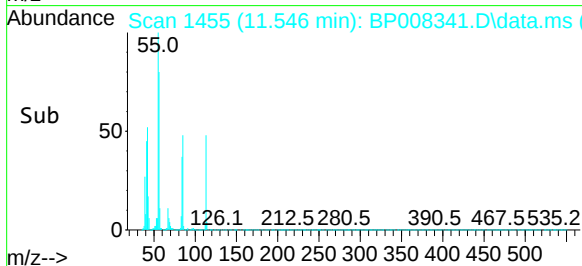
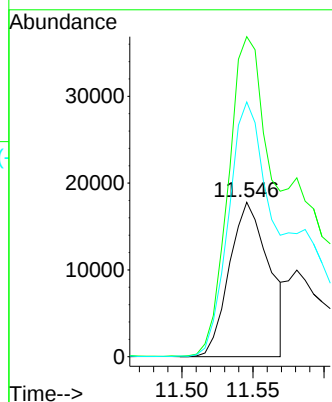
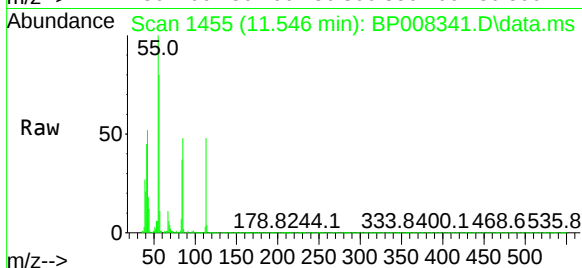
Tgt Ion:113 Resp: 34726

Ion Ratio Lower Upper

113 100

55 207.3 174.2 214.2

56 165.0 130.3 170.3



#36

4-Chloro-3-methylphenol

Concen: 45.763 ng

RT: 11.881 min Scan# 1512

Delta R.T. 0.006 min

Lab File: BP008341.D

Acq: 10 Dec 2021 15:19

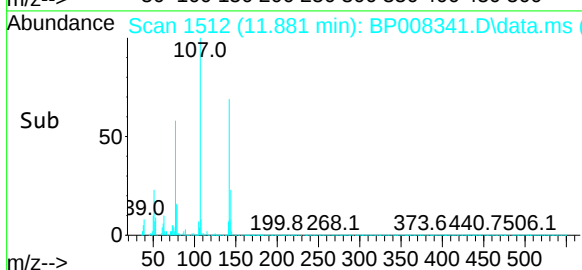
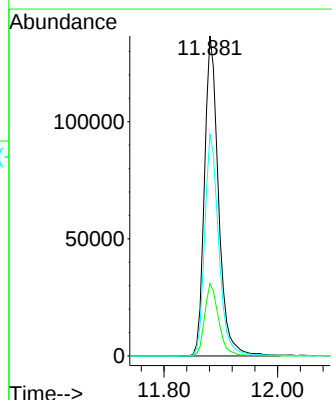
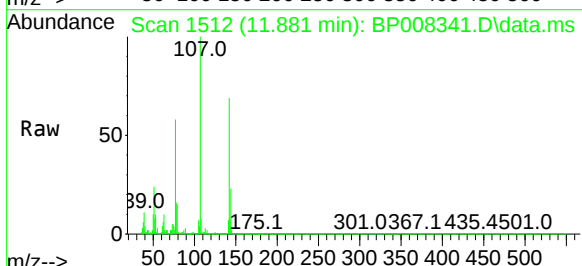
Tgt Ion:107 Resp: 233724

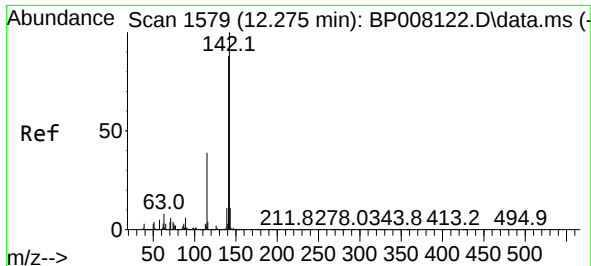
Ion Ratio Lower Upper

107 100

144 22.7 19.7 29.5

142 69.1 59.6 89.4

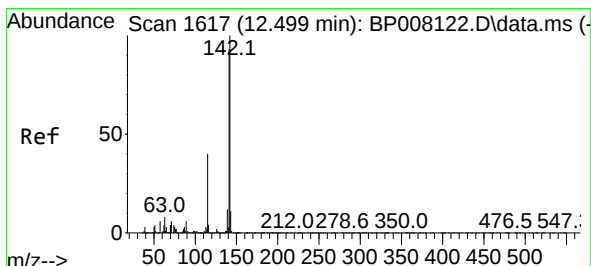
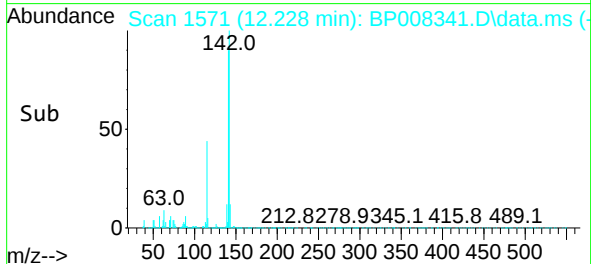
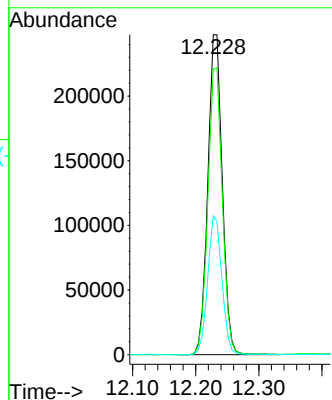
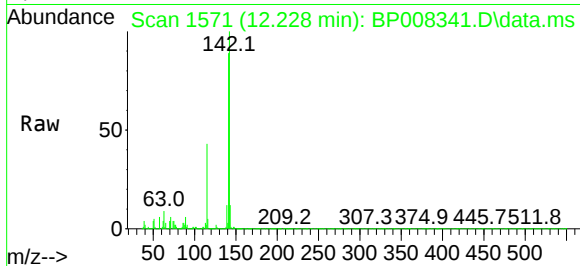




#37  
2-Methylnaphthalene  
Concen: 40.088 ng  
RT: 12.228 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BP008341.D  
Acq: 10 Dec 2021 15:19

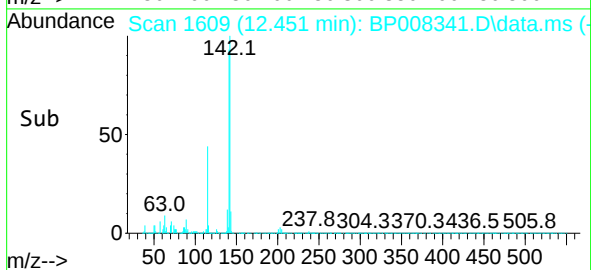
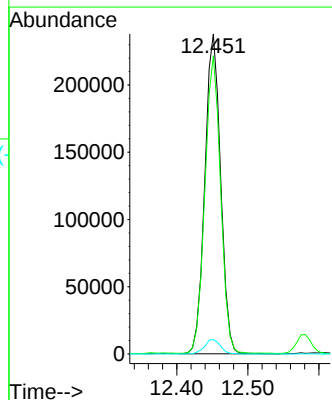
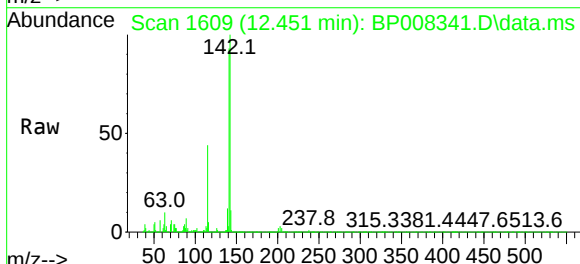
Instrument :  
BNA\_P  
ClientSampleId :  
PB141239BS

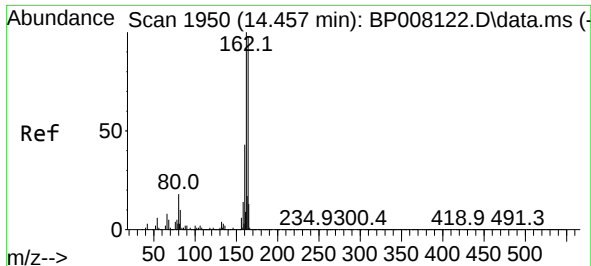
Tgt Ion:142 Resp: 394826  
Ion Ratio Lower Upper  
142 100  
141 89.3 70.7 106.1  
115 43.4 30.9 46.3



#38  
1-Methylnaphthalene  
Concen: 38.317 ng  
RT: 12.451 min Scan# 1609  
Delta R.T. 0.006 min  
Lab File: BP008341.D  
Acq: 10 Dec 2021 15:19

Tgt Ion:142 Resp: 367340  
Ion Ratio Lower Upper  
142 100  
141 93.2 74.2 111.4  
116 4.5 3.4 5.2

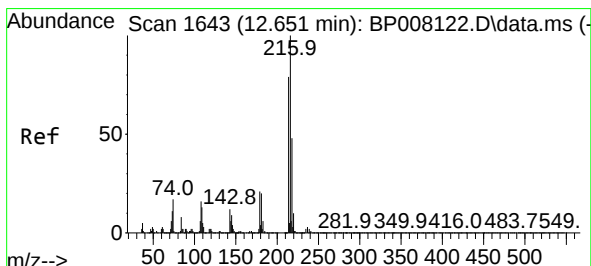
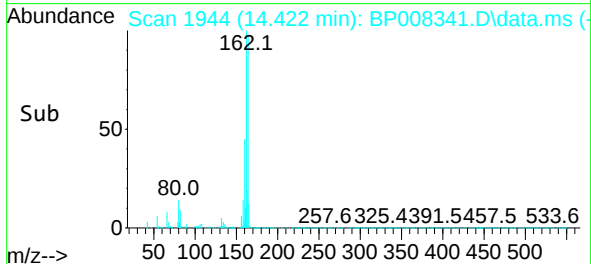
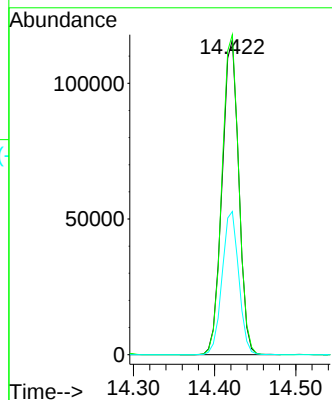
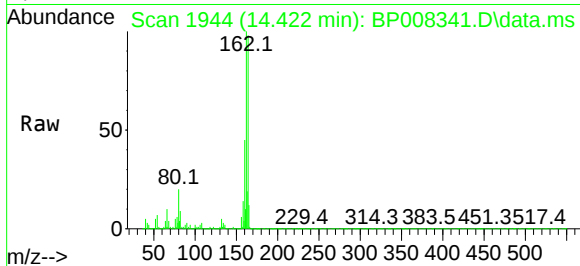




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.422 min Scan# 1950  
Delta R.T. 0.006 min  
Lab File: BP008341.D  
Acq: 10 Dec 2021 15:19

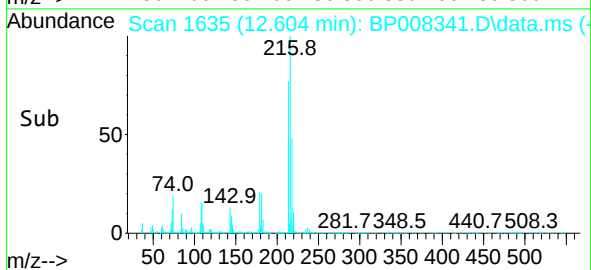
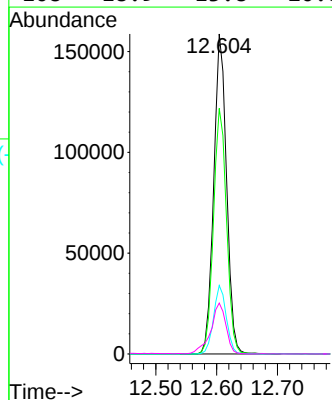
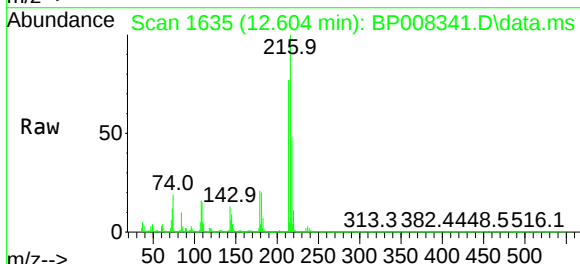
Instrument :  
BNA\_P  
ClientSampleId :  
PB141239BS

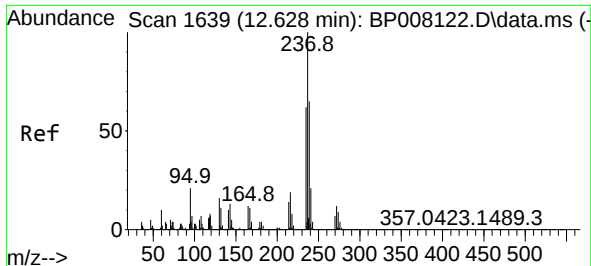
Tgt Ion:164 Resp: 166135  
Ion Ratio Lower Upper  
164 100  
162 101.7 81.9 122.9  
160 45.5 35.4 53.0



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 42.958 ng  
RT: 12.604 min Scan# 1635  
Delta R.T. 0.000 min  
Lab File: BP008341.D  
Acq: 10 Dec 2021 15:19

Tgt Ion:216 Resp: 231829  
Ion Ratio Lower Upper  
216 100  
214 78.2 62.5 93.7  
179 21.3 16.4 24.6  
108 18.9 13.8 20.8

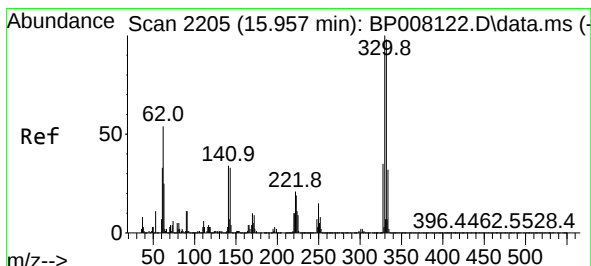
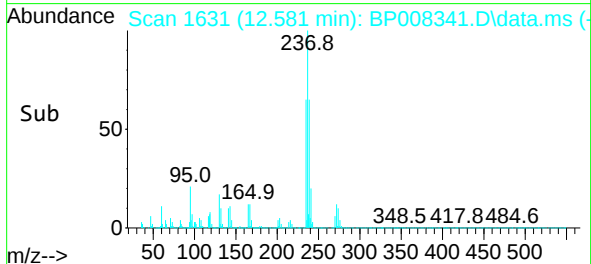
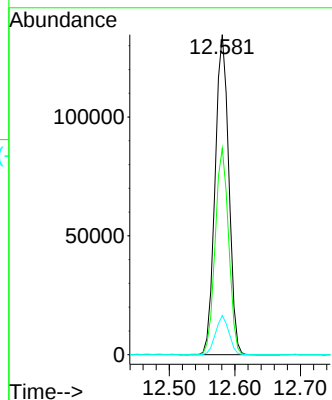
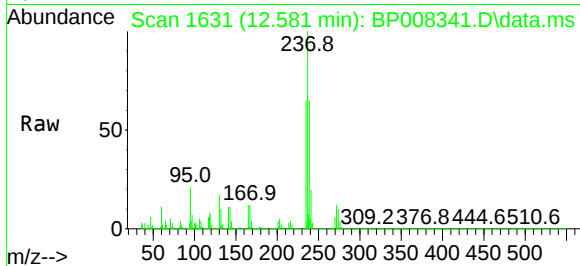




#41  
Hexachlorocyclopentadiene  
Concen: 93.680 ng  
RT: 12.581 min Scan# 1  
Delta R.T. 0.006 min  
Lab File: BP008341.D  
Acq: 10 Dec 2021 15:19

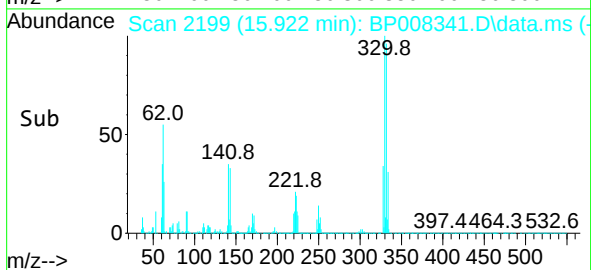
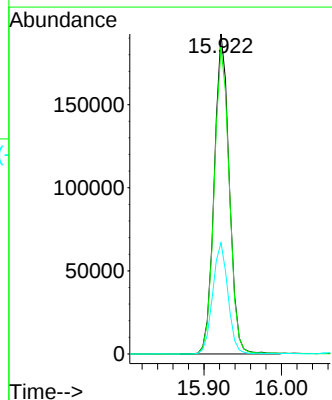
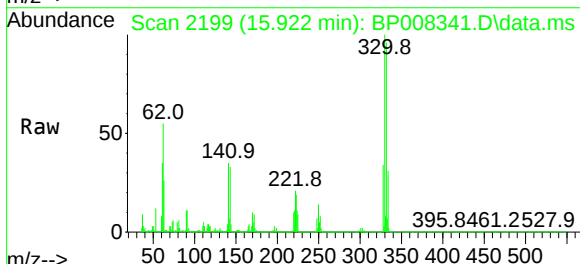
Instrument :  
BNA\_P  
ClientSampleId :  
PB141239BS

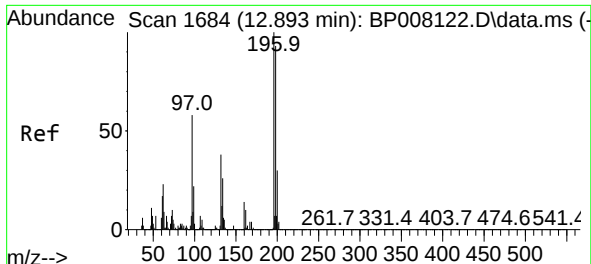
Tgt Ion:237 Resp: 194368  
Ion Ratio Lower Upper  
237 100  
235 64.5 42.3 82.3  
272 12.3 0.0 32.2



#42  
2,4,6-Tribromophenol  
Concen: 122.100 ng  
RT: 15.922 min Scan# 2199  
Delta R.T. 0.006 min  
Lab File: BP008341.D  
Acq: 10 Dec 2021 15:19

Tgt Ion:330 Resp: 259278  
Ion Ratio Lower Upper  
330 100  
332 96.8 77.0 115.4  
141 35.2 28.4 42.6

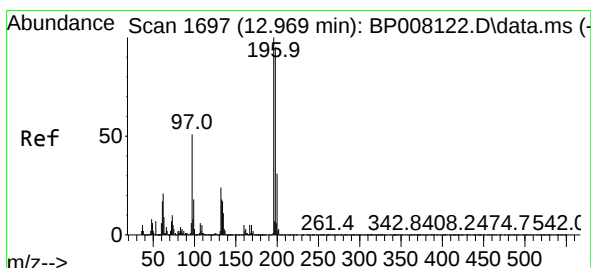
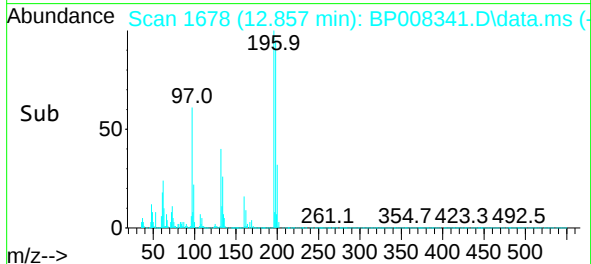
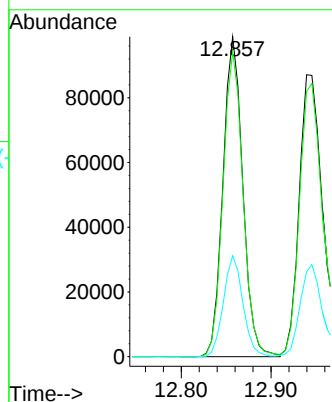
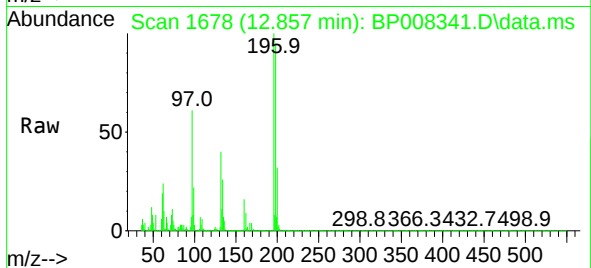




#43  
2,4,6-Trichlorophenol  
Concen: 41.431 ng  
RT: 12.857 min Scan# 1684  
Delta R.T. 0.006 min  
Lab File: BP008341.D  
Acq: 10 Dec 2021 15:19

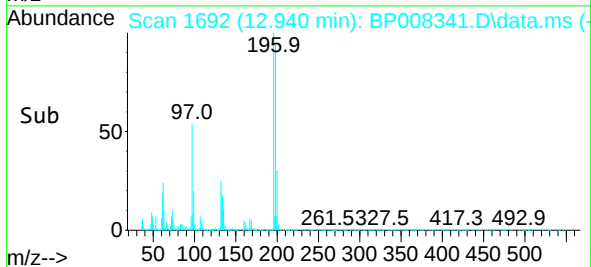
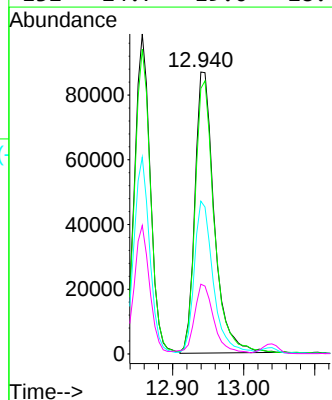
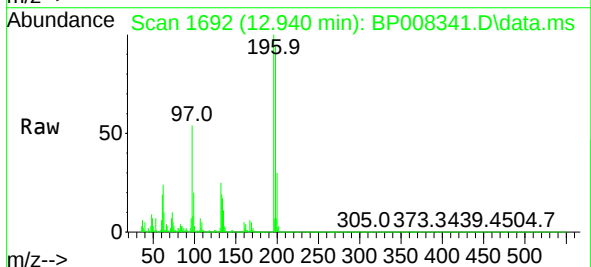
Instrument :  
BNA\_P  
ClientSampleId :  
PB141239BS

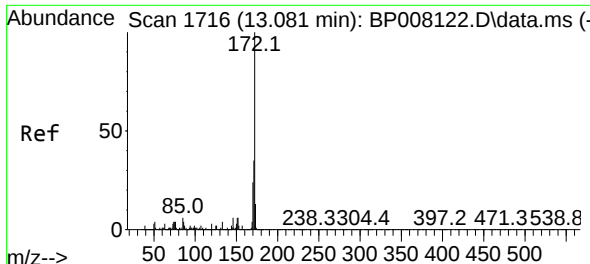
Tgt Ion:196 Resp: 151484  
Ion Ratio Lower Upper  
196 100  
198 95.3 74.8 112.2  
200 31.6 24.3 36.5



#44  
2,4,5-Trichlorophenol  
Concen: 42.014 ng  
RT: 12.940 min Scan# 1692  
Delta R.T. 0.000 min  
Lab File: BP008341.D  
Acq: 10 Dec 2021 15:19

Tgt Ion:196 Resp: 164608  
Ion Ratio Lower Upper  
196 100  
198 94.1 76.2 114.4  
97 54.2 40.8 61.2  
132 24.7 19.0 28.4

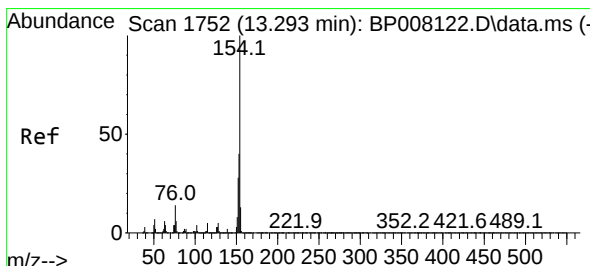
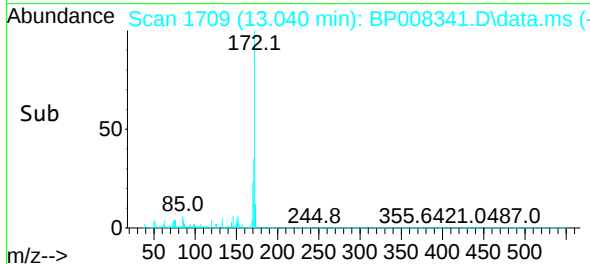
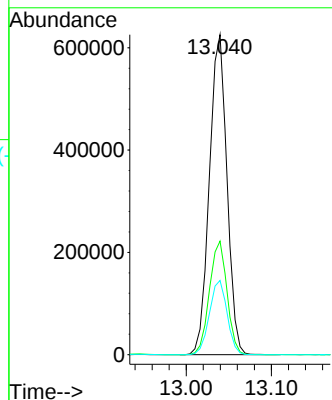
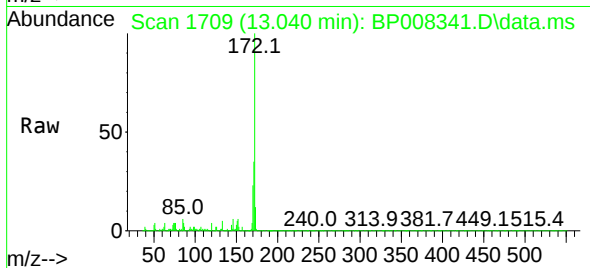




#45  
2-Fluorobiphenyl  
Concen: 78.532 ng  
RT: 13.040 min Scan# 1716  
Delta R.T. 0.006 min  
Lab File: BP008341.D  
Acq: 10 Dec 2021 15:19

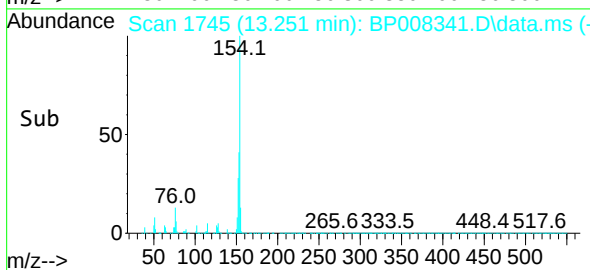
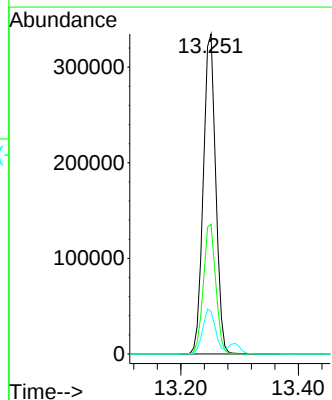
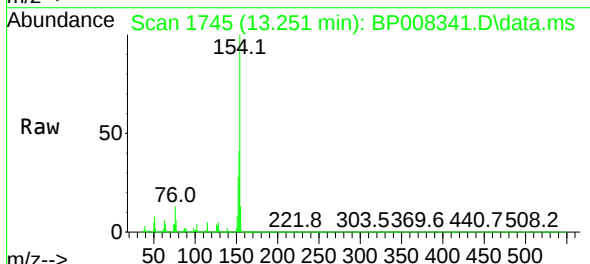
Instrument :  
BNA\_P  
ClientSampleId :  
PB141239BS

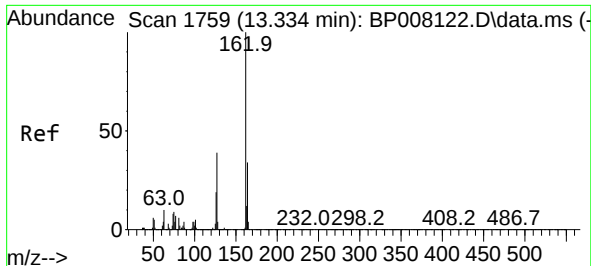
Tgt Ion:172 Resp: 898215  
Ion Ratio Lower Upper  
172 100  
171 35.5 28.0 42.0  
170 23.2 18.9 28.3



#46  
1,1'-Biphenyl  
Concen: 40.822 ng  
RT: 13.251 min Scan# 1745  
Delta R.T. 0.006 min  
Lab File: BP008341.D  
Acq: 10 Dec 2021 15:19

Tgt Ion:154 Resp: 492055  
Ion Ratio Lower Upper  
154 100  
153 40.5 19.7 59.7  
76 13.2 0.0 33.7

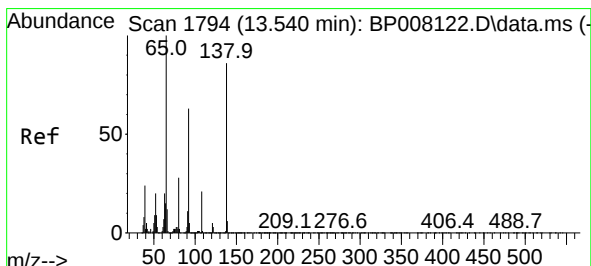
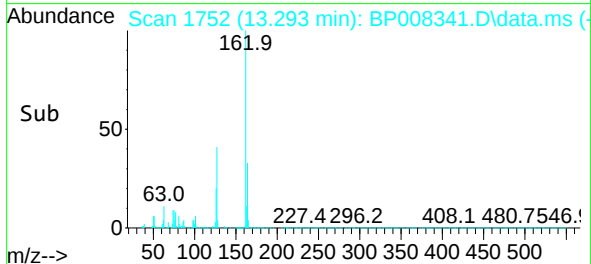
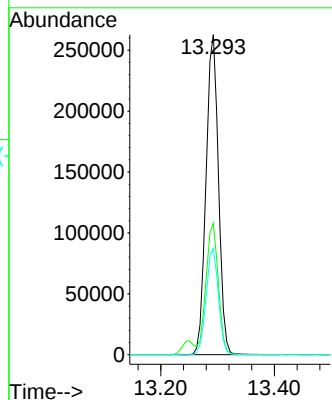
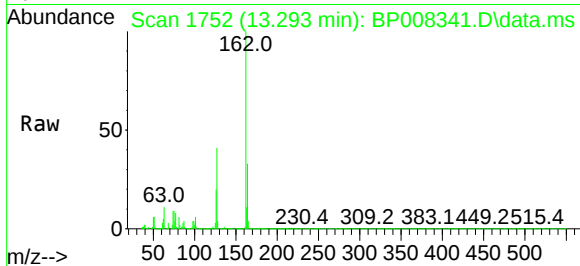




#47  
2-Chloronaphthalene  
Concen: 41.747 ng  
RT: 13.293 min Scan# 1752  
Delta R.T. 0.006 min  
Lab File: BP008341.D  
Acq: 10 Dec 2021 15:19

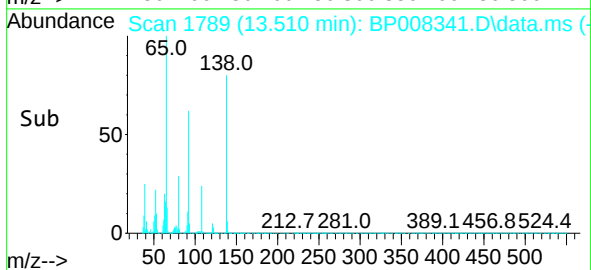
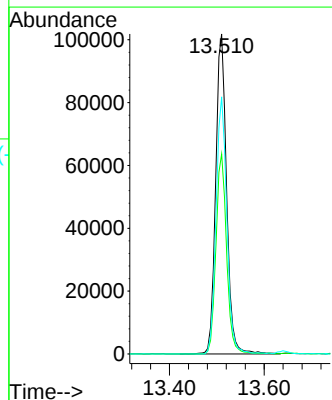
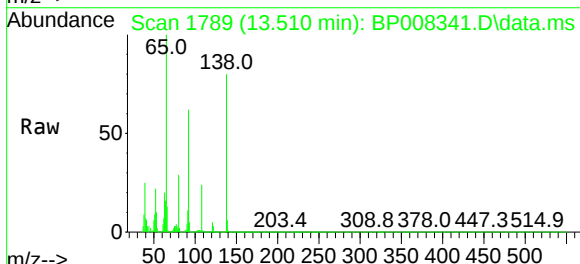
Instrument :  
BNA\_P  
ClientSampleId :  
PB141239BS

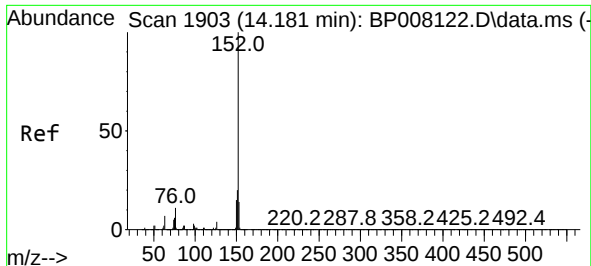
Tgt Ion:162 Resp: 397399  
Ion Ratio Lower Upper  
162 100  
127 41.1 31.3 46.9  
164 33.1 26.9 40.3



#48  
2-Nitroaniline  
Concen: 49.629 ng  
RT: 13.510 min Scan# 1789  
Delta R.T. 0.006 min  
Lab File: BP008341.D  
Acq: 10 Dec 2021 15:19

Tgt Ion: 65 Resp: 162798  
Ion Ratio Lower Upper  
65 100  
92 62.5 50.6 75.8  
138 80.3 68.7 103.1

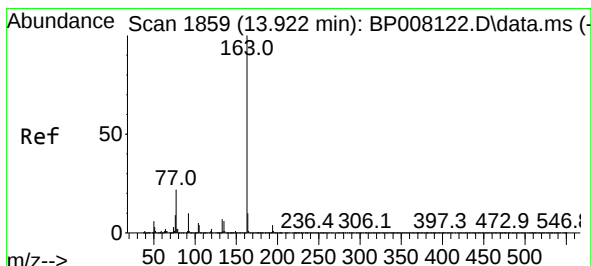
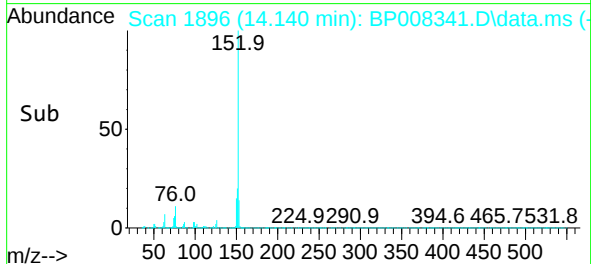
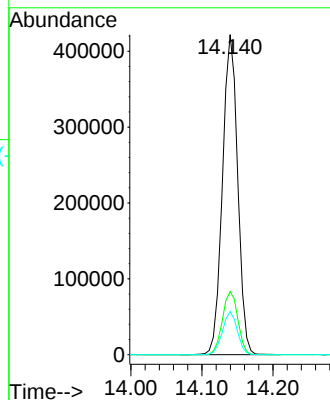
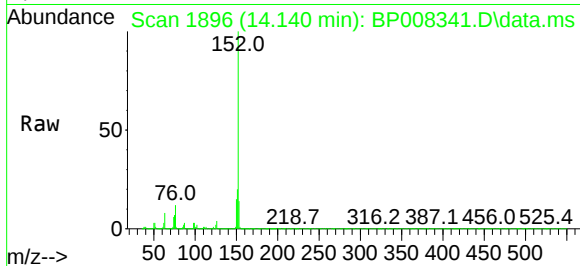




#49  
Acenaphthylene  
Concen: 42.509 ng  
RT: 14.140 min Scan# 1896  
Delta R.T. 0.006 min  
Lab File: BP008341.D  
Acq: 10 Dec 2021 15:19

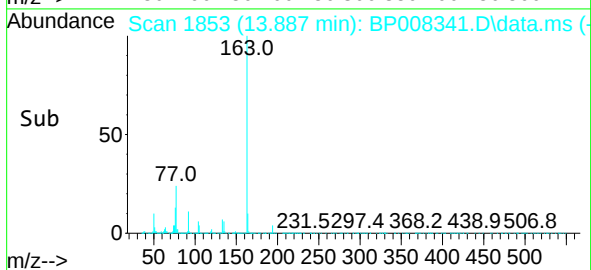
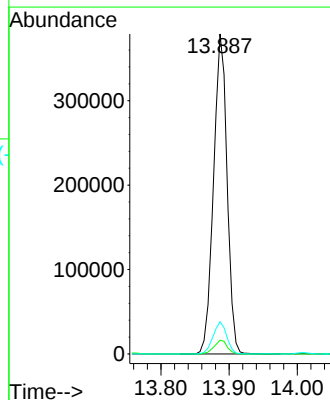
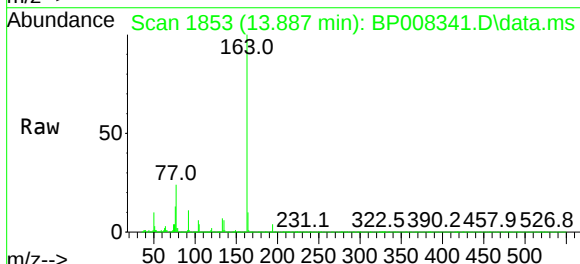
Instrument :  
BNA\_P  
ClientSampleId :  
PB141239BS

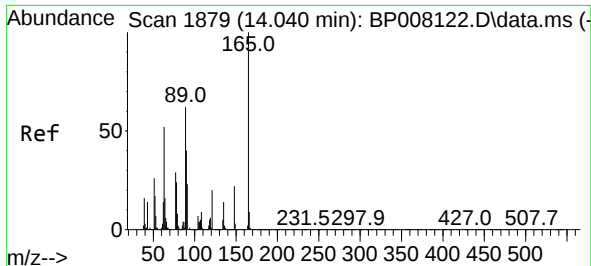
Tgt Ion:152 Resp: 624260  
Ion Ratio Lower Upper  
152 100  
151 19.8 16.2 24.4  
153 13.5 10.9 16.3



#50  
Dimethylphthalate  
Concen: 41.970 ng  
RT: 13.887 min Scan# 1853  
Delta R.T. 0.000 min  
Lab File: BP008341.D  
Acq: 10 Dec 2021 15:19

Tgt Ion:163 Resp: 523590  
Ion Ratio Lower Upper  
163 100  
194 4.3 3.4 5.2  
164 10.1 8.2 12.2

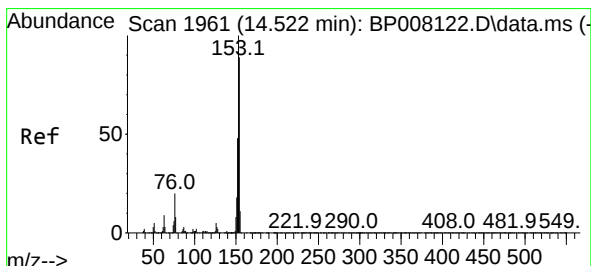
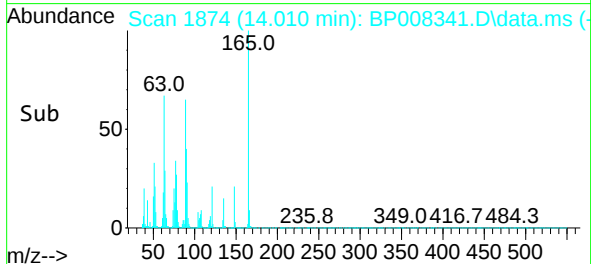
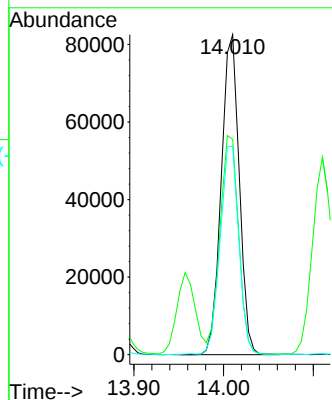
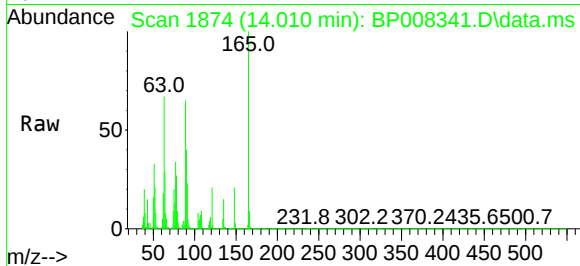




#51  
2,6-Dinitrotoluene  
Concen: 44.367 ng  
RT: 14.010 min Scan# 1879  
Delta R.T. 0.006 min  
Lab File: BP008341.D  
Acq: 10 Dec 2021 15:19

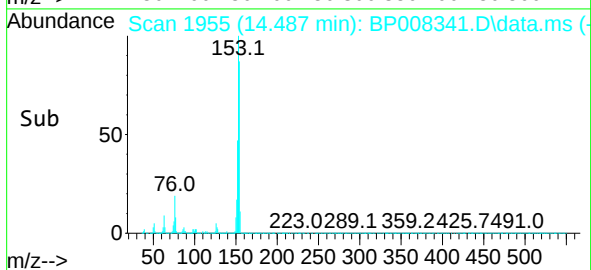
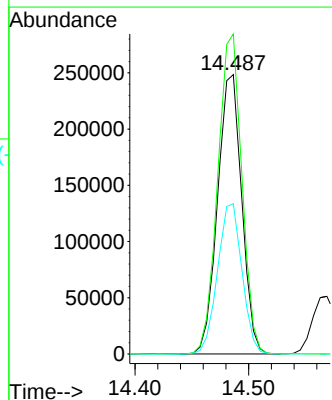
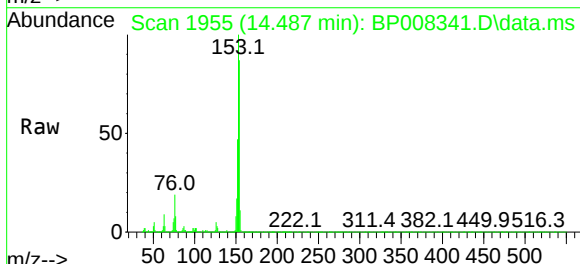
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BNA\_P  
ClientSampleId :  
PB141239BS

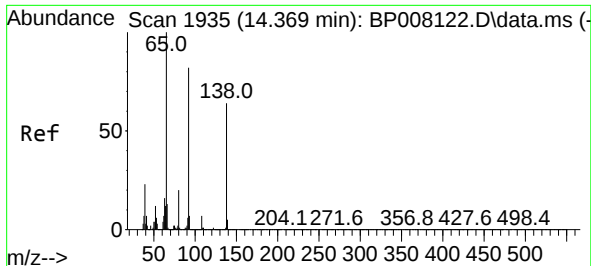
Tgt Ion:165 Resp: 114873  
Ion Ratio Lower Upper  
165 100  
63 67.3 50.8 76.2  
89 65.1 50.0 75.0



#52  
Acenaphthene  
Concen: 41.957 ng  
RT: 14.487 min Scan# 1955  
Delta R.T. 0.006 min  
Lab File: BP008341.D  
Acq: 10 Dec 2021 15:19

Tgt Ion:154 Resp: 367197  
Ion Ratio Lower Upper  
154 100  
153 114.5 90.3 135.5  
152 53.8 43.3 64.9

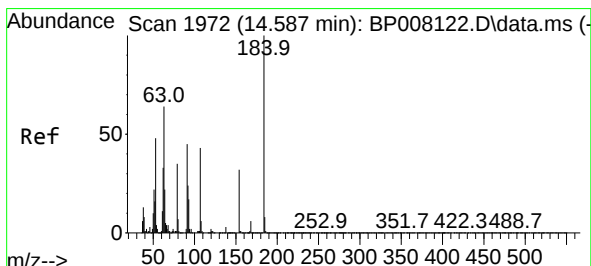
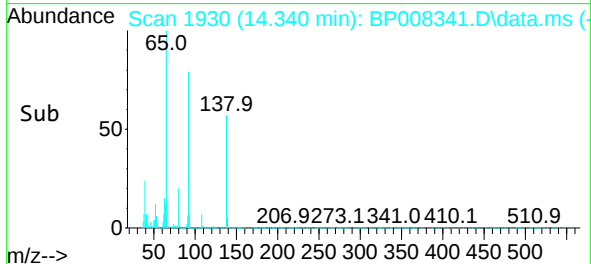
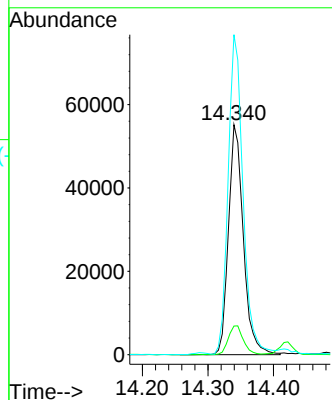
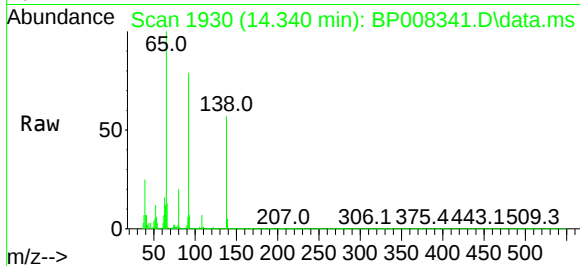




#53  
3-Nitroaniline  
Concen: 33.114 ng  
RT: 14.340 min Scan# 1930  
Delta R.T. 0.000 min  
Lab File: BP008341.D  
Acq: 10 Dec 2021 15:19

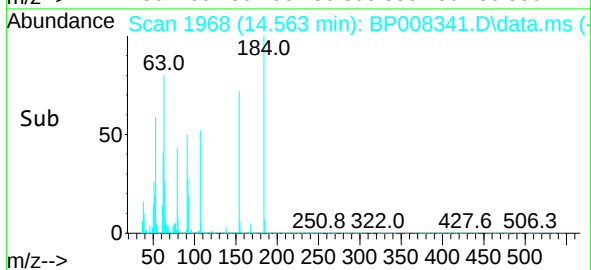
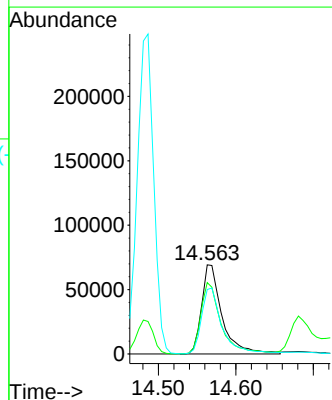
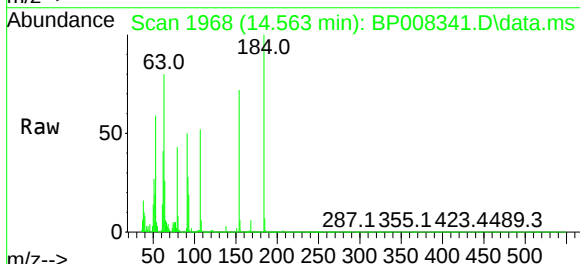
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ClientSampleId :  
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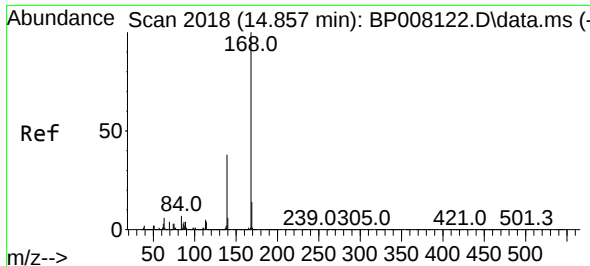
Tgt Ion:138 Resp: 86888  
Ion Ratio Lower Upper  
138 100  
108 12.5 9.2 13.8  
92 139.2 102.9 154.3



#54  
2,4-Dinitrophenol  
Concen: 82.583 ng  
RT: 14.563 min Scan# 1968  
Delta R.T. 0.000 min  
Lab File: BP008341.D  
Acq: 10 Dec 2021 15:19

Tgt Ion:184 Resp: 126421  
Ion Ratio Lower Upper  
184 100  
63 80.1 53.8 80.6  
154 72.3 54.2 81.2

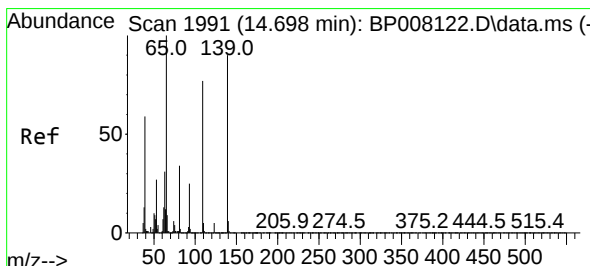
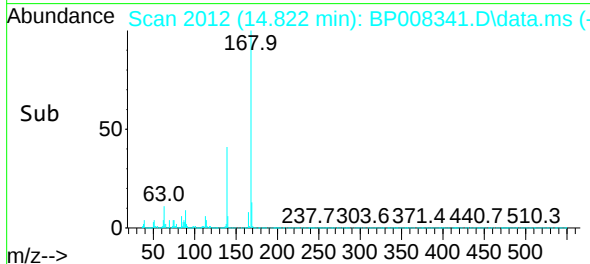
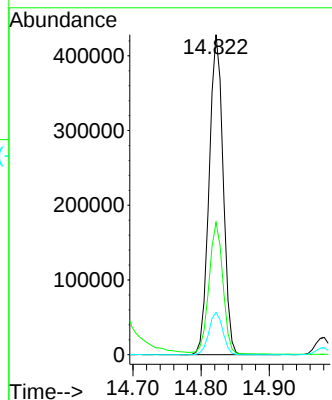
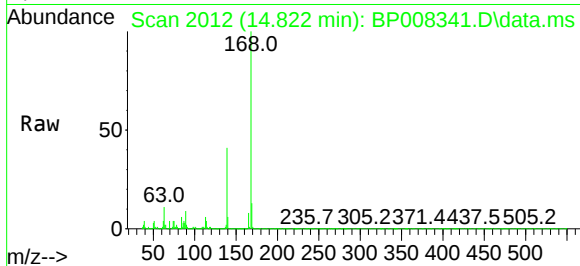




#55  
Dibenzofuran  
Concen: 40.852 ng  
RT: 14.822 min Scan# 2018  
Delta R.T. 0.006 min  
Lab File: BP008341.D  
Acq: 10 Dec 2021 15:19

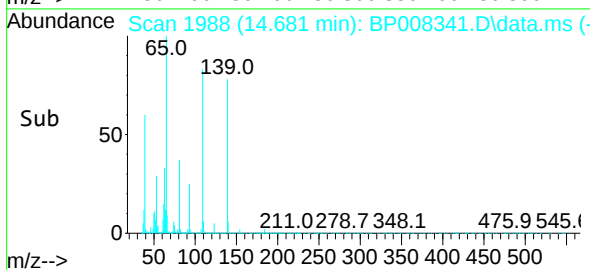
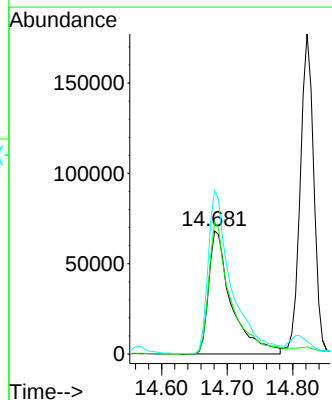
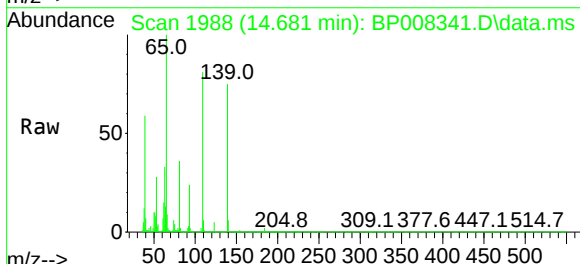
Instrument :  
BNA\_P  
ClientSampleId :  
PB141239BS

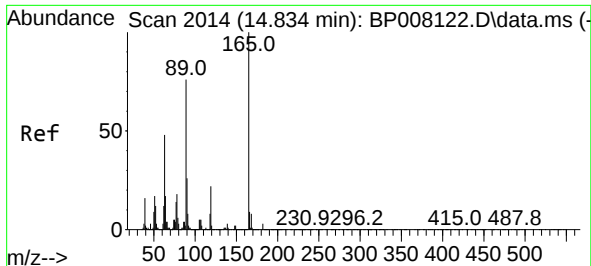
Tgt Ion:168 Resp: 610958  
Ion Ratio Lower Upper  
168 100  
139 41.4 30.6 46.0  
169 13.2 11.0 16.4



#56  
4-Nitrophenol  
Concen: 81.642 ng  
RT: 14.681 min Scan# 1988  
Delta R.T. 0.000 min  
Lab File: BP008341.D  
Acq: 10 Dec 2021 15:19

Tgt Ion:139 Resp: 164196  
Ion Ratio Lower Upper  
139 100  
109 107.2 65.9 105.9#  
65 132.9 91.9 131.9#

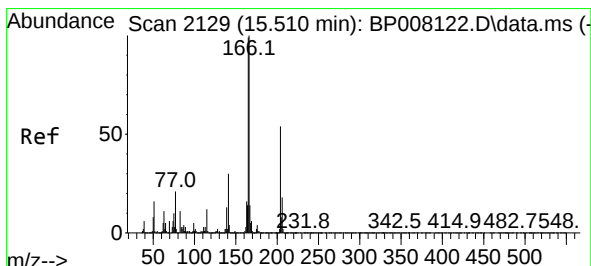
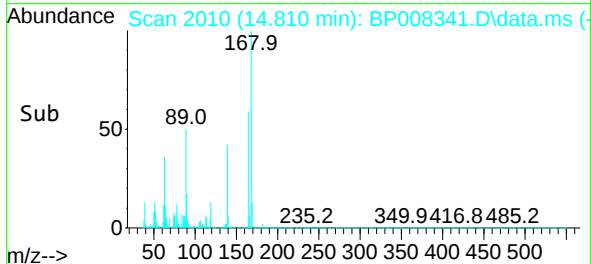
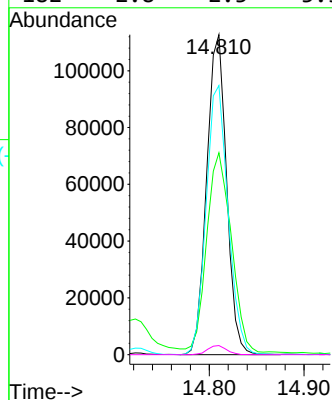
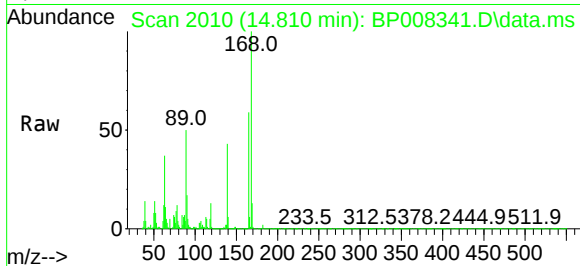




#57  
2,4-Dinitrotoluene  
Concen: 46.068 ng  
RT: 14.810 min Scan# 2014  
Delta R.T. 0.006 min  
Lab File: BP008341.D  
Acq: 10 Dec 2021 15:19

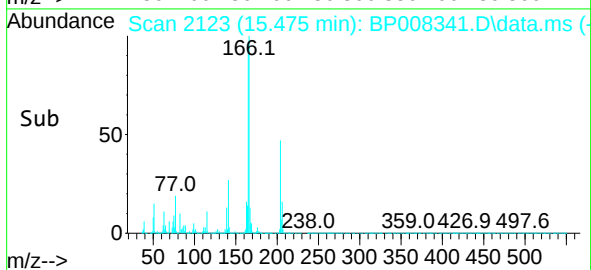
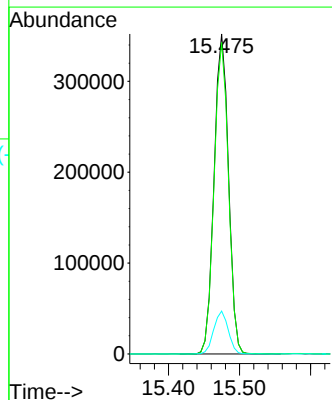
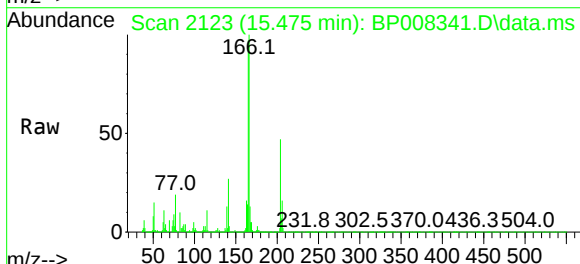
Instrument :  
BNA\_P  
ClientSampleId :  
PB141239BS

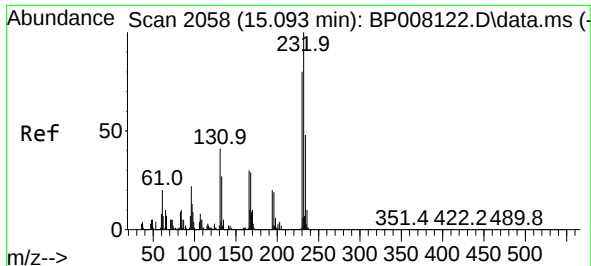
Tgt Ion:165 Resp: 163690  
Ion Ratio Lower Upper  
165 100  
63 63.1 38.9 58.3#  
89 84.1 60.5 90.7  
182 2.8 2.3 3.5



#58  
Fluorene  
Concen: 40.748 ng  
RT: 15.475 min Scan# 2123  
Delta R.T. 0.006 min  
Lab File: BP008341.D  
Acq: 10 Dec 2021 15:19

Tgt Ion:166 Resp: 495131  
Ion Ratio Lower Upper  
166 100  
165 97.3 79.4 119.2  
167 13.4 10.9 16.3



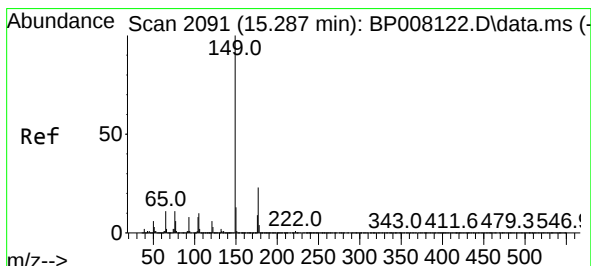
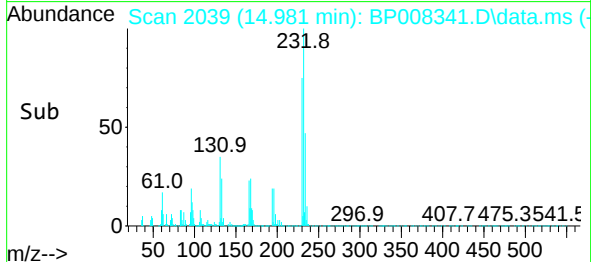
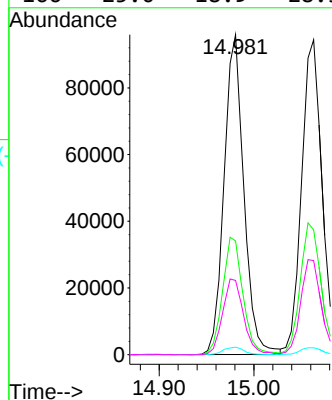
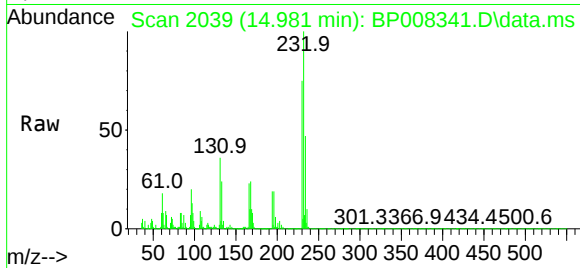


#59  
2,3,4,6-Tetrachlorophenol  
Concen: 39.998 ng  
RT: 14.981 min Scan# 2058  
Delta R.T. -0.076 min  
Lab File: BP008341.D  
Acq: 10 Dec 2021 15:19

Instrument :  
BNA\_P  
ClientSampleId :  
PB141239BS

Tgt Ion:232 Resp: 139354

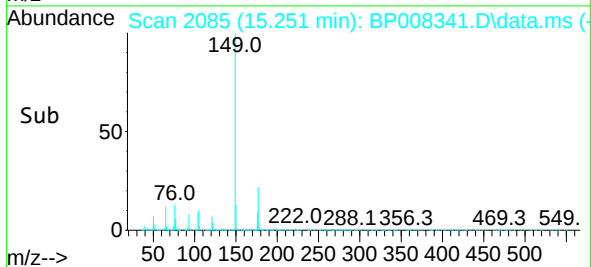
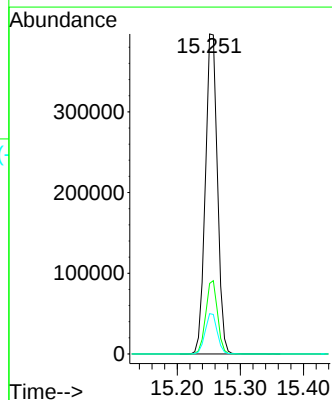
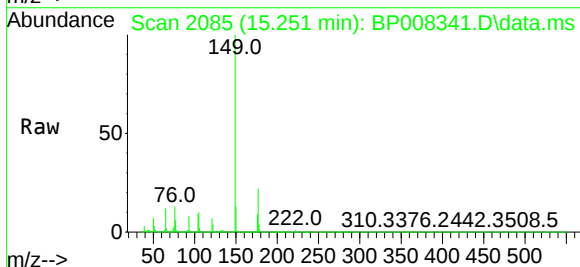
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 232 | 100   |       |       |
| 131 | 37.9  | 28.1  | 42.1  |
| 130 | 2.5   | 1.8   | 2.8   |
| 166 | 25.0  | 18.9  | 28.3  |

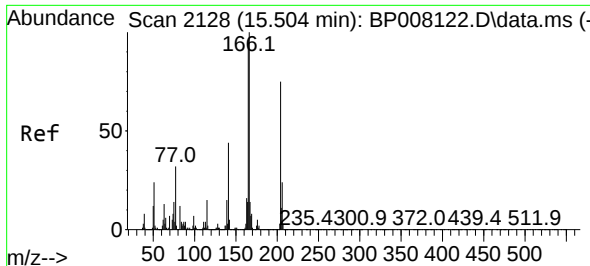


#60  
Diethylphthalate  
Concen: 42.531 ng  
RT: 15.251 min Scan# 2085  
Delta R.T. 0.000 min  
Lab File: BP008341.D  
Acq: 10 Dec 2021 15:19

Tgt Ion:149 Resp: 526537

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 177 | 22.0  | 18.2  | 27.2  |
| 150 | 12.6  | 10.3  | 15.5  |

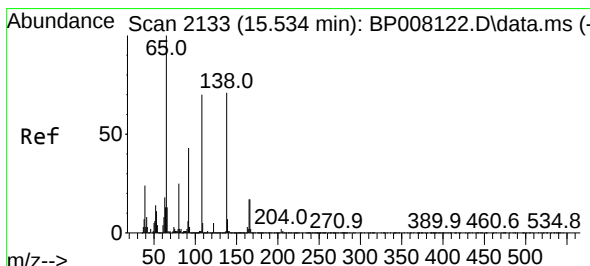
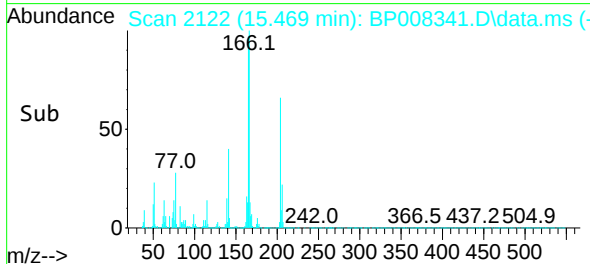
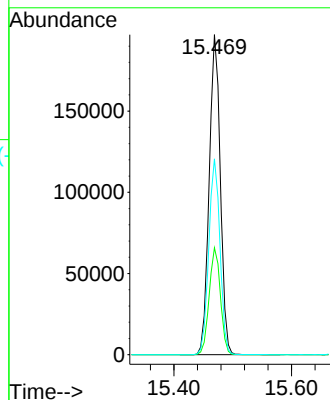
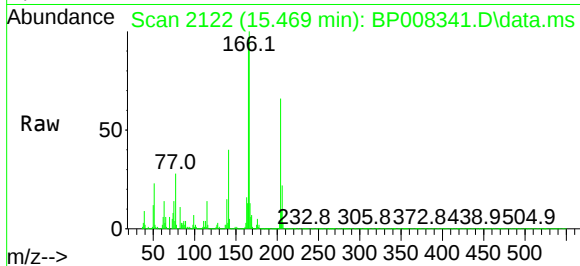




#61  
4-Chlorophenyl-phenylether  
Concen: 39.015 ng  
RT: 15.469 min Scan# 2128  
Delta R.T. 0.006 min  
Lab File: BP008341.D  
Acq: 10 Dec 2021 15:19

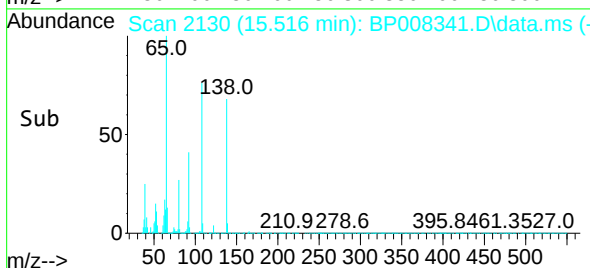
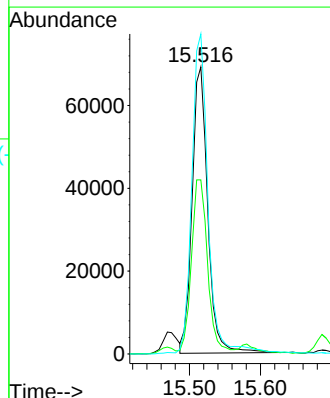
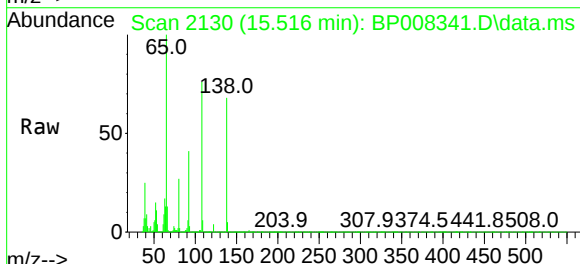
Instrument :  
BNA\_P  
ClientSampleId :  
PB141239BS

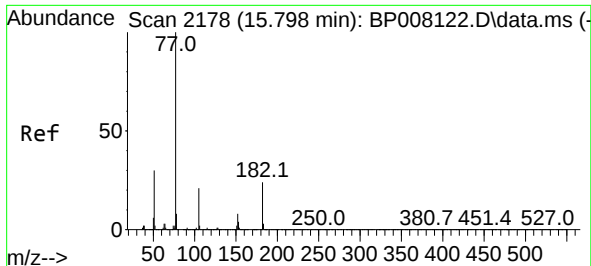
Tgt Ion:204 Resp: 260030  
Ion Ratio Lower Upper  
204 100  
206 33.4 26.1 39.1  
141 61.2 47.4 71.0



#62  
4-Nitroaniline  
Concen: 38.942 ng  
RT: 15.516 min Scan# 2130  
Delta R.T. 0.006 min  
Lab File: BP008341.D  
Acq: 10 Dec 2021 15:19

Tgt Ion:138 Resp: 106029  
Ion Ratio Lower Upper  
138 100  
92 60.7 40.8 80.8  
108 111.5 77.9 117.9

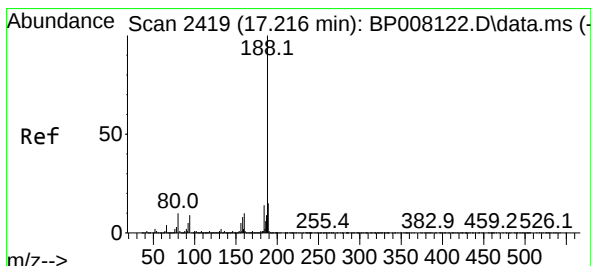
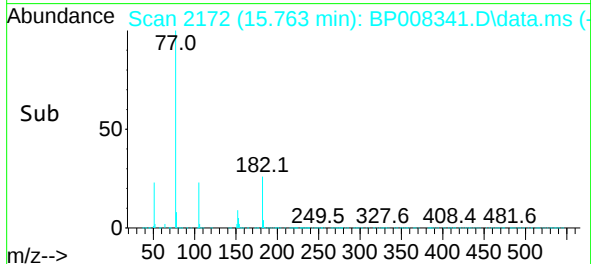
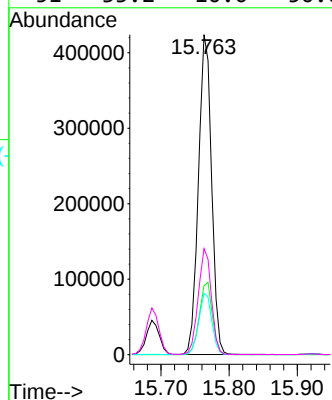
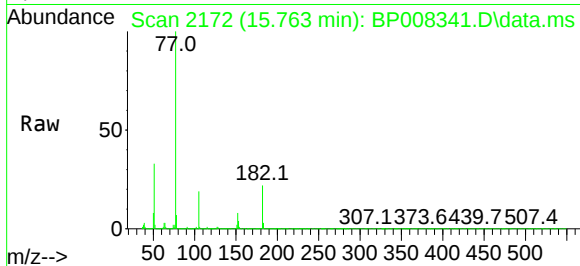




#63  
Azobenzene  
Concen: 44.776 ng  
RT: 15.763 min Scan# 2172  
Delta R.T. 0.000 min  
Lab File: BP008341.D  
Acq: 10 Dec 2021 15:19

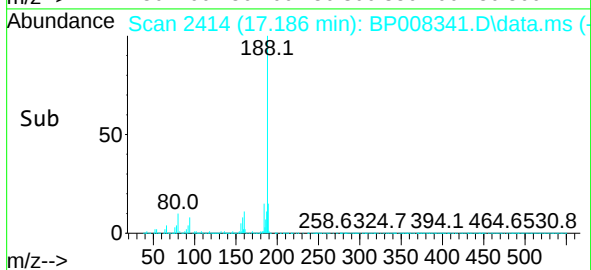
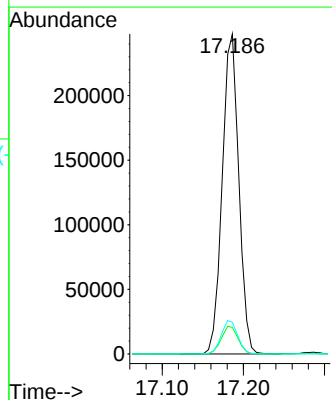
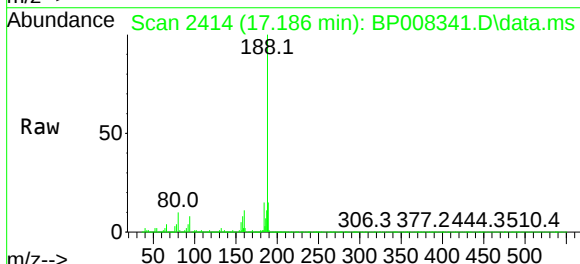
Instrument :  
BNA\_P  
ClientSampleId :  
PB141239BS

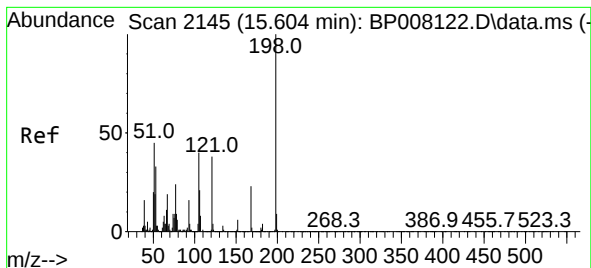
|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 567015 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 21.6    | 3.8 43.8     |
| 105 19.2    | 0.5 40.5     |
| 51 33.2     | 10.0 50.0    |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.186 min Scan# 2414  
Delta R.T. 0.006 min  
Lab File: BP008341.D  
Acq: 10 Dec 2021 15:19

|             |              |
|-------------|--------------|
| Tgt Ion:188 | Resp: 350745 |
| Ion Ratio   | Lower Upper  |
| 188 100     |              |
| 94 8.3      | 7.2 10.8     |
| 80 9.9      | 8.2 12.4     |

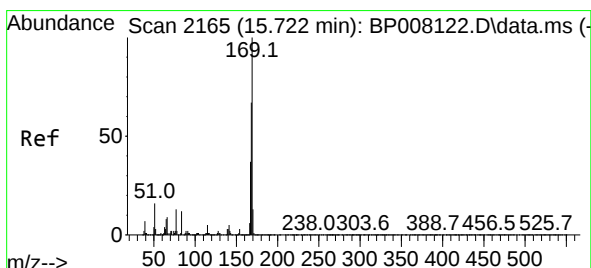
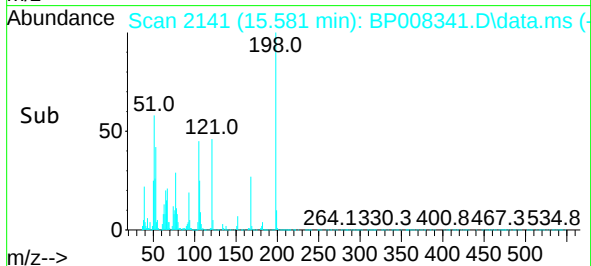
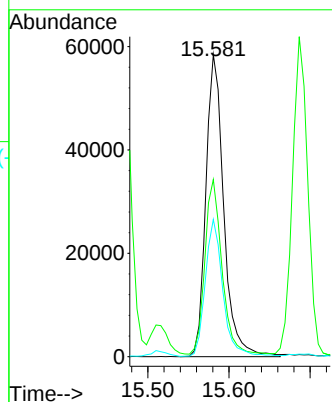
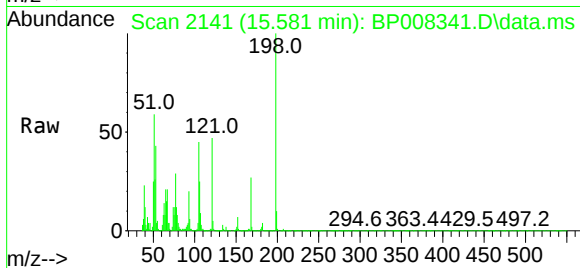




#65  
4,6-Dinitro-2-methylphenol  
Concen: 38.843 ng  
RT: 15.581 min Scan# 2145  
Delta R.T. 0.000 min  
Lab File: BP008341.D  
Acq: 10 Dec 2021 15:19

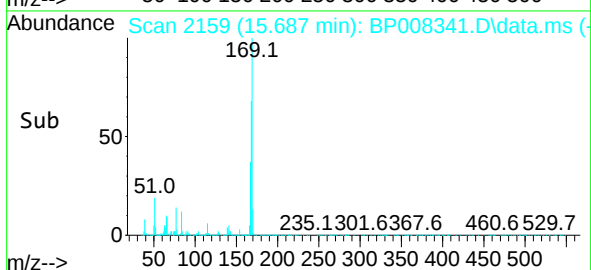
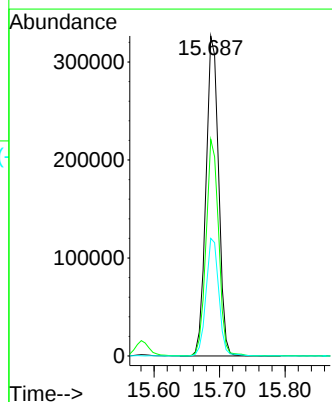
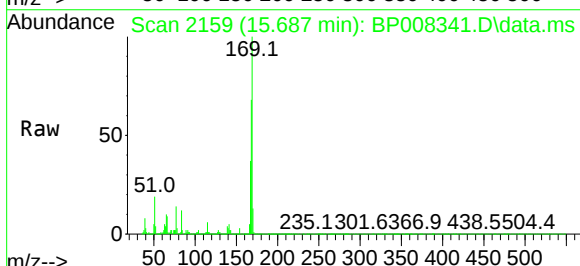
Instrument :  
BNA\_P  
ClientSampleId :  
PB141239BS

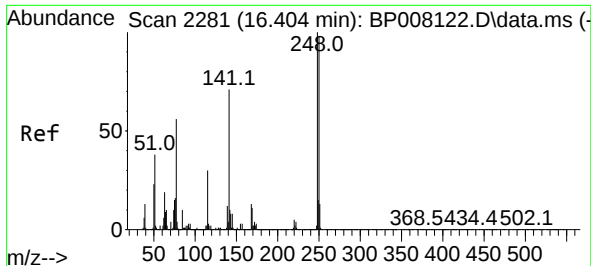
Tgt Ion:198 Resp: 89110  
Ion Ratio Lower Upper  
198 100  
51 58.7 25.9 65.9  
105 45.4 20.2 60.2



#66  
n-Nitrosodiphenylamine  
Concen: 43.110 ng  
RT: 15.687 min Scan# 2159  
Delta R.T. 0.000 min  
Lab File: BP008341.D  
Acq: 10 Dec 2021 15:19

Tgt Ion:169 Resp: 437993  
Ion Ratio Lower Upper  
169 100  
168 67.7 53.5 80.3  
167 36.7 29.3 43.9

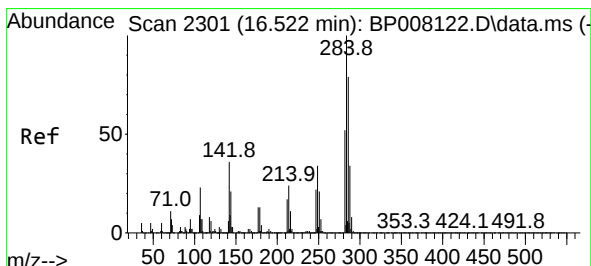
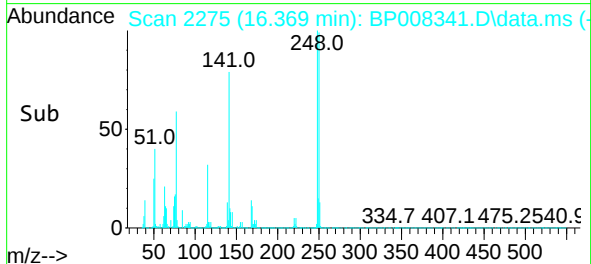
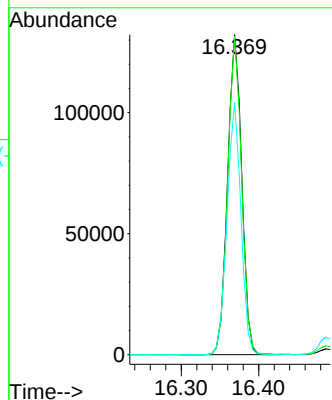
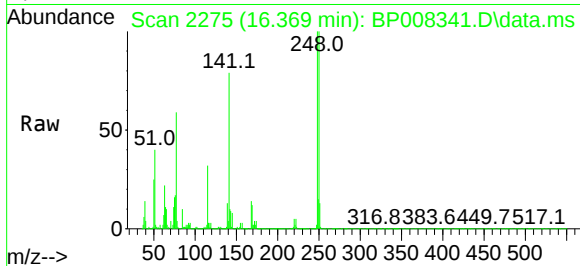




#67  
4-Bromophenyl-phenylether  
Concen: 43.149 ng  
RT: 16.369 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BP008341.D  
Acq: 10 Dec 2021 15:19

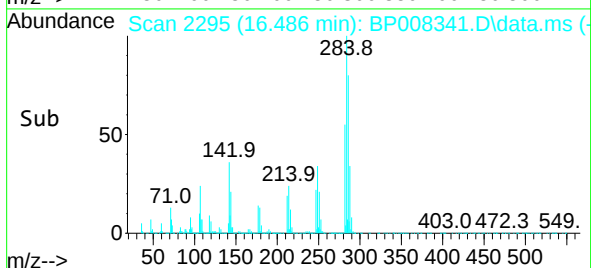
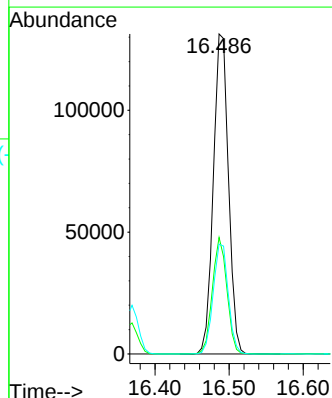
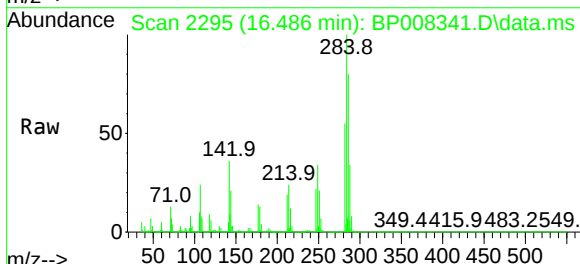
Instrument :  
BNA\_P  
ClientSampleId :  
PB141239BS

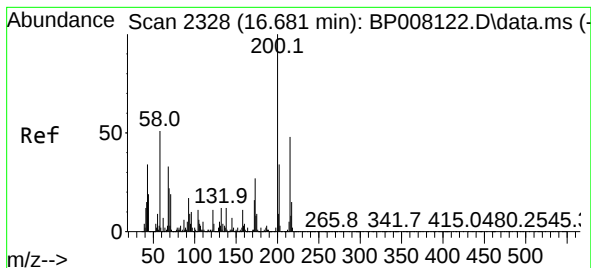
Tgt Ion:248 Resp: 168290  
Ion Ratio Lower Upper  
248 100  
250 99.6 78.6 117.8  
141 79.0 57.0 85.6



#68  
Hexachlorobenzene  
Concen: 44.552 ng  
RT: 16.486 min Scan# 2295  
Delta R.T. 0.000 min  
Lab File: BP008341.D  
Acq: 10 Dec 2021 15:19

Tgt Ion:284 Resp: 185743  
Ion Ratio Lower Upper  
284 100  
142 36.4 28.6 42.8  
249 34.3 27.1 40.7





#69

Atrazine

Concen: 66.751 ng

RT: 16.657 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP008341.D

Acq: 10 Dec 2021 15:19

Instrument :

BNA\_P

ClientSampleId :

PB141239BS

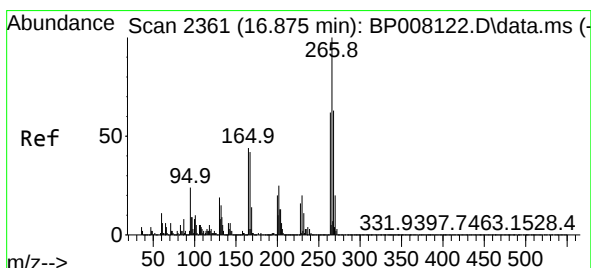
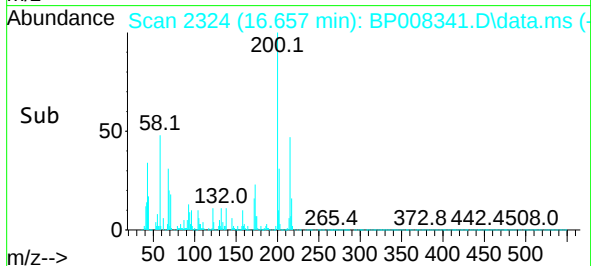
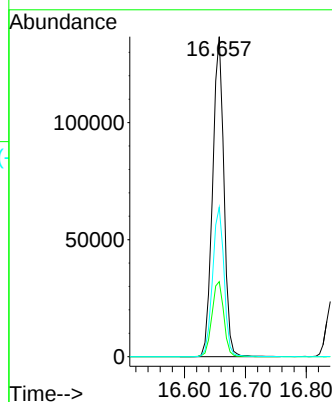
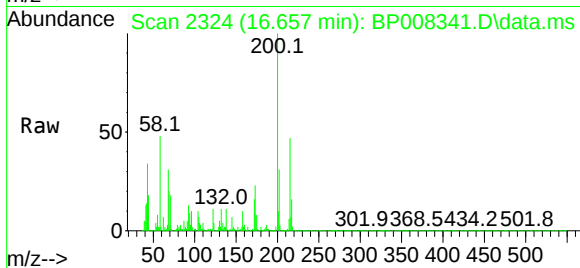
Tgt Ion:200 Resp: 176013

Ion Ratio Lower Upper

200 100

173 23.5 6.8 46.8

215 46.7 28.4 68.4



#70

Pentachlorophenol

Concen: 81.024 ng

RT: 16.845 min Scan# 2356

Delta R.T. 0.000 min

Lab File: BP008341.D

Acq: 10 Dec 2021 15:19

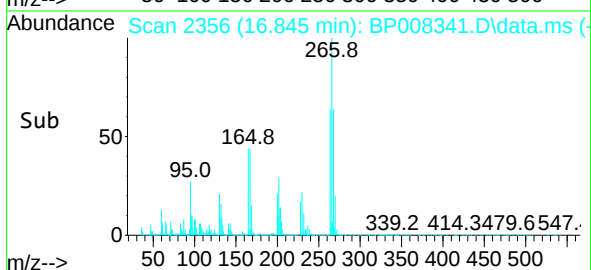
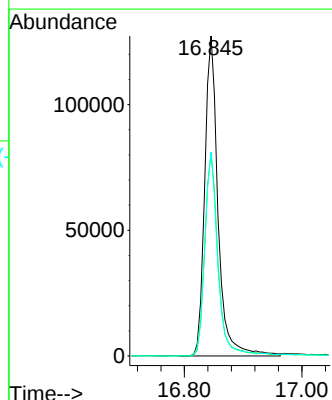
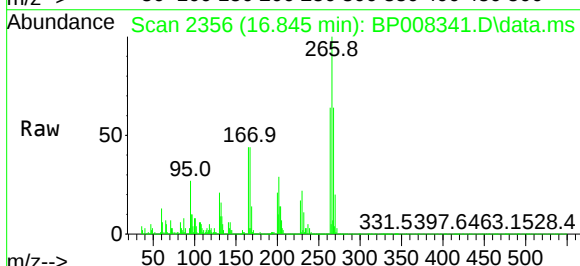
Tgt Ion:266 Resp: 200866

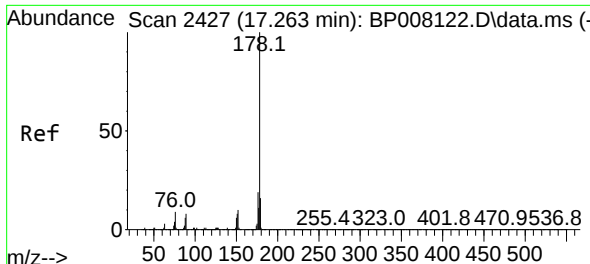
Ion Ratio Lower Upper

266 100

268 63.6 50.1 75.1

264 63.7 49.5 74.3

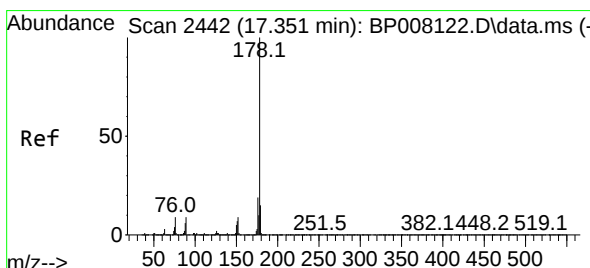
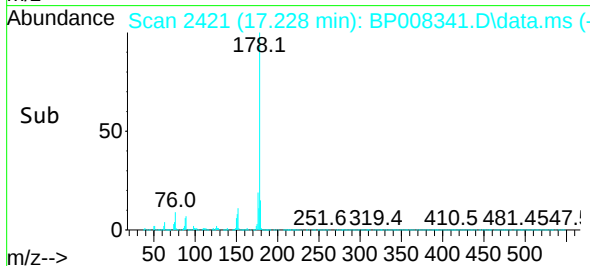
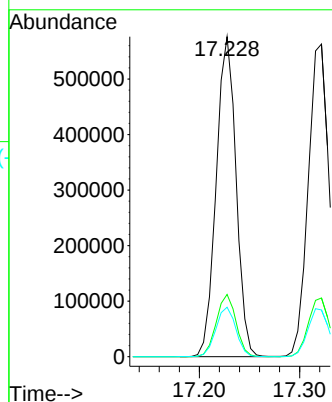
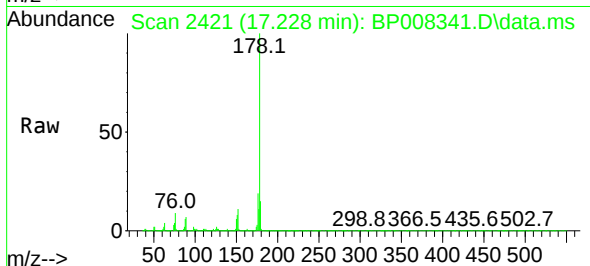




#71  
Phenanthrene  
Concen: 42.787 ng  
RT: 17.228 min Scan# 2427  
Delta R.T. 0.006 min  
Lab File: BP008341.D  
Acq: 10 Dec 2021 15:19

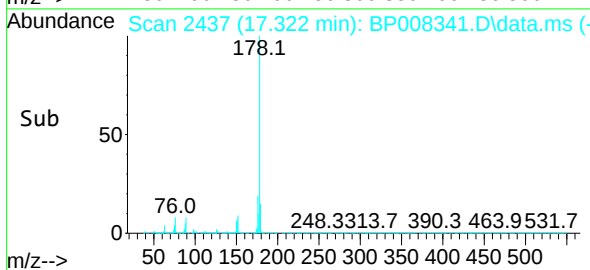
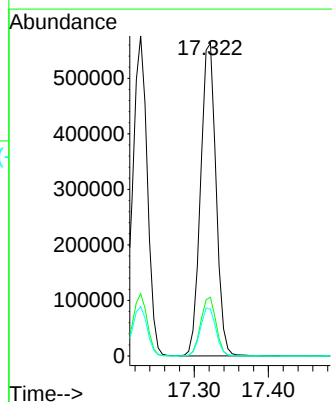
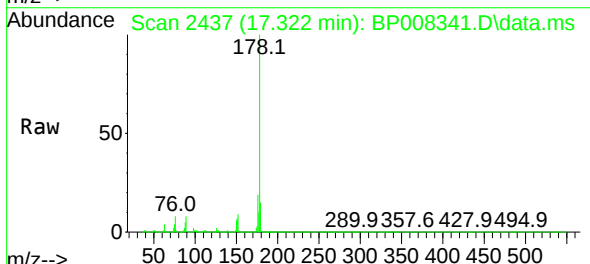
Instrument :  
BNA\_P  
ClientSampleId :  
PB141239BS

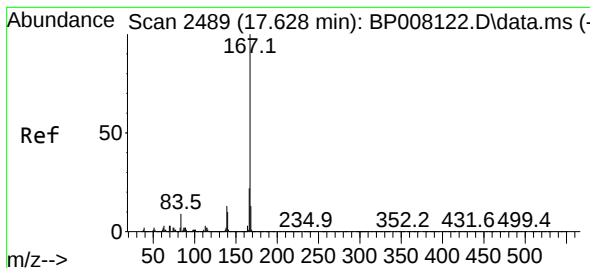
Tgt Ion:178 Resp: 792361  
Ion Ratio Lower Upper  
178 100  
176 19.5 15.3 22.9  
179 15.5 12.5 18.7



#72  
Anthracene  
Concen: 44.296 ng  
RT: 17.322 min Scan# 2437  
Delta R.T. 0.006 min  
Lab File: BP008341.D  
Acq: 10 Dec 2021 15:19

Tgt Ion:178 Resp: 814066  
Ion Ratio Lower Upper  
178 100  
176 18.8 15.1 22.7  
179 15.0 12.3 18.5





#73

Carbazole

Concen: 40.722 ng

RT: 17.598 min Scan# 2489

Delta R.T. 0.000 min

Lab File: BP008341.D

Acq: 10 Dec 2021 15:19

Instrument :

BNA\_P

ClientSampleId :

PB141239BS

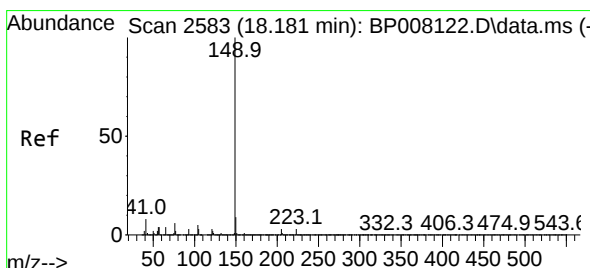
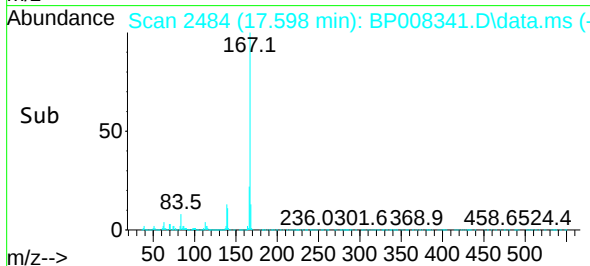
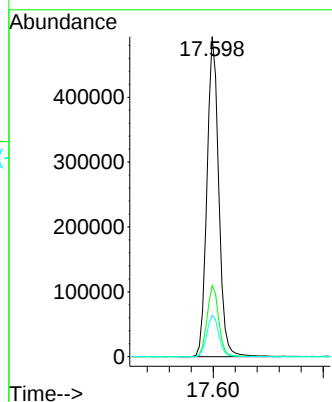
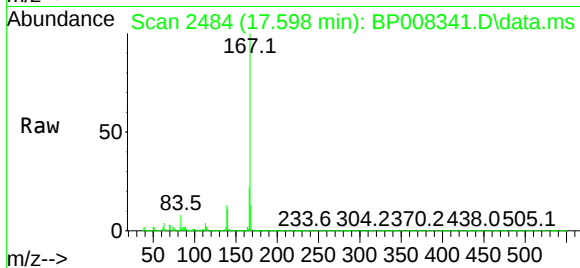
Tgt Ion:167 Resp: 730574

Ion Ratio Lower Upper

167 100

166 22.2 17.4 26.0

139 13.0 10.2 15.2



#74

Di-n-butylphthalate

Concen: 39.643 ng

RT: 18.151 min Scan# 2578

Delta R.T. 0.006 min

Lab File: BP008341.D

Acq: 10 Dec 2021 15:19

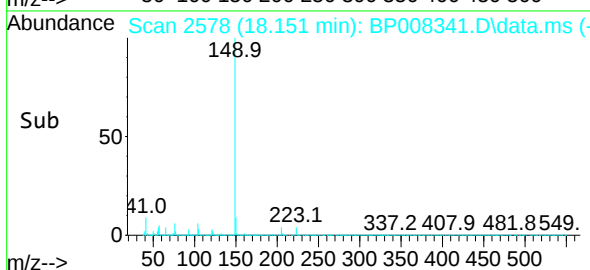
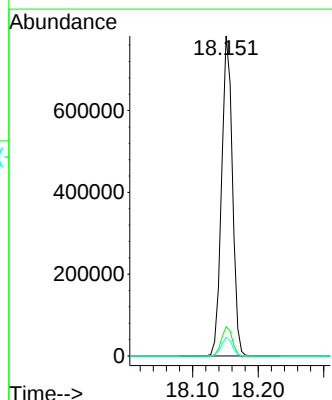
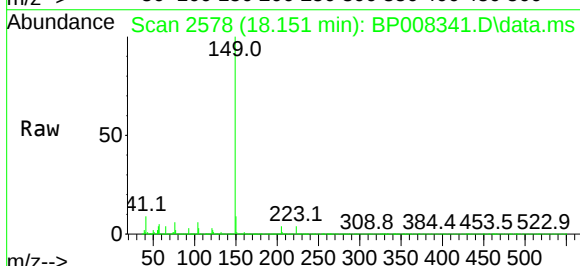
Tgt Ion:149 Resp: 890312

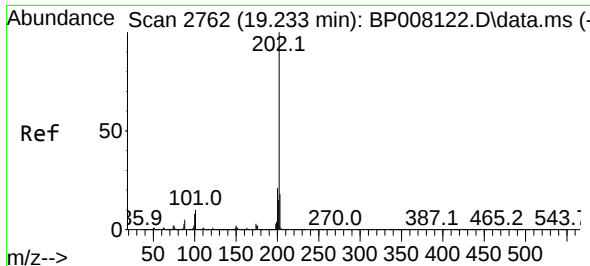
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

104 5.8 4.4 6.6

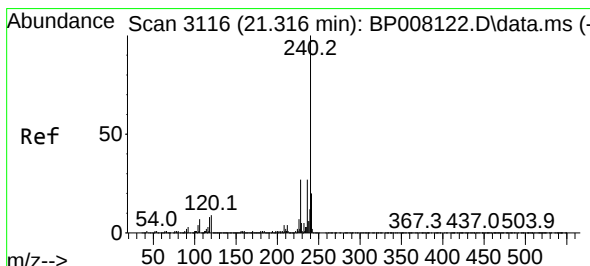
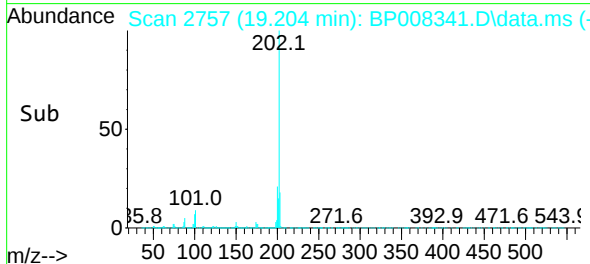
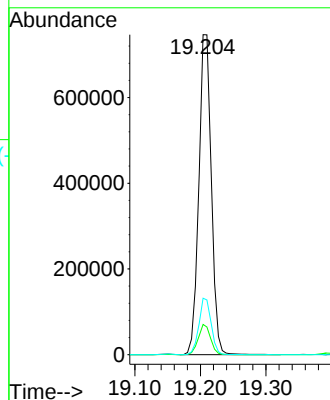
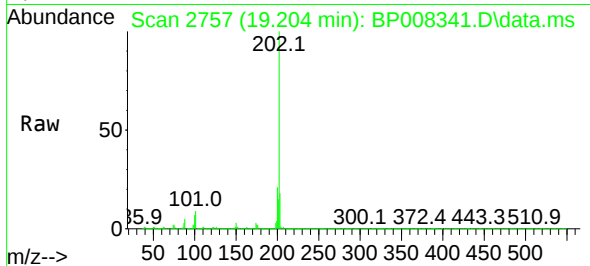




#75  
Fluoranthene  
Concen: 39.664 ng  
RT: 19.204 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BP008341.D  
Acq: 10 Dec 2021 15:19

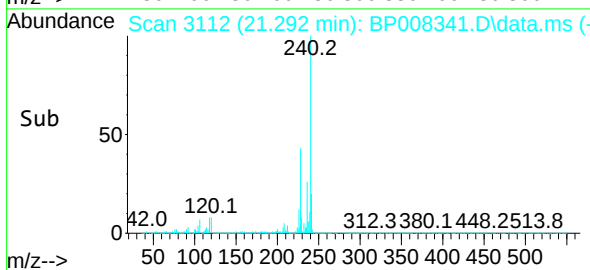
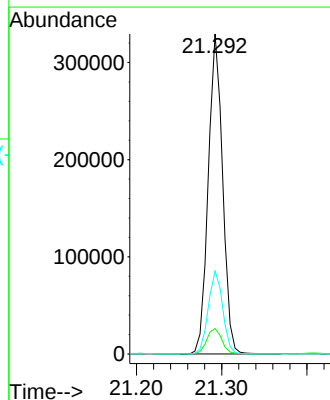
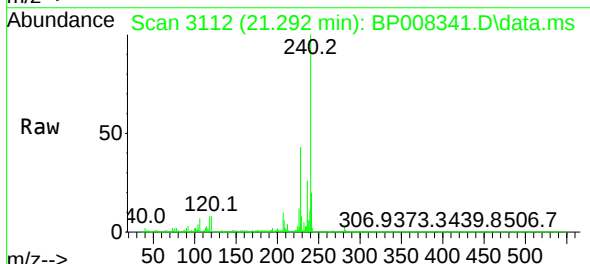
Instrument :  
BNA\_P  
ClientSampleId :  
PB141239BS

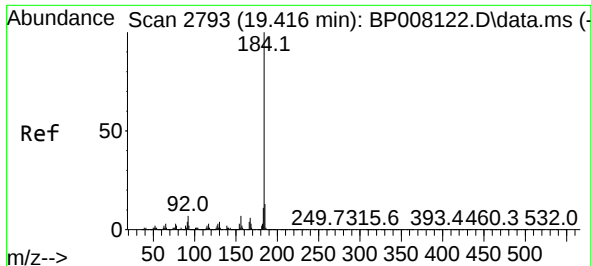
Tgt Ion:202 Resp: 989492  
Ion Ratio Lower Upper  
202 100  
101 9.4 0.0 29.8  
203 17.7 0.0 37.7



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.292 min Scan# 3112  
Delta R.T. 0.006 min  
Lab File: BP008341.D  
Acq: 10 Dec 2021 15:19

Tgt Ion:240 Resp: 384951  
Ion Ratio Lower Upper  
240 100  
120 7.9 7.3 10.9  
236 25.9 21.4 32.2

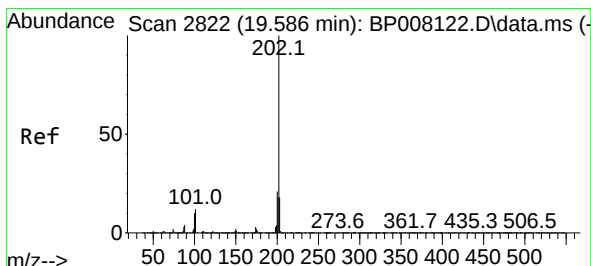
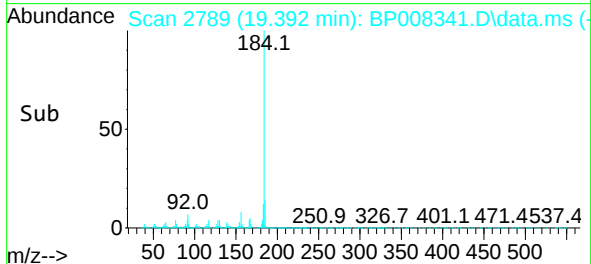
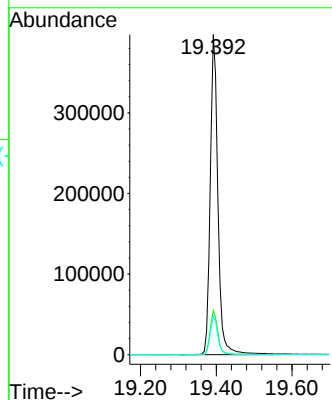
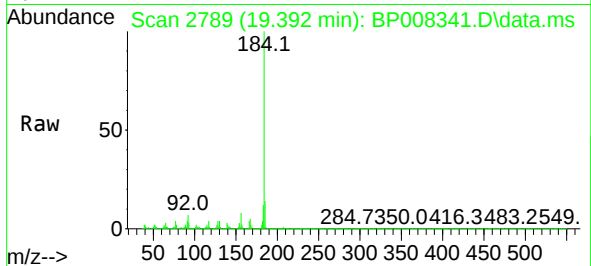




#77  
Benzidine  
Concen: 105.306 ng  
RT: 19.392 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BP008341.D  
Acq: 10 Dec 2021 15:19

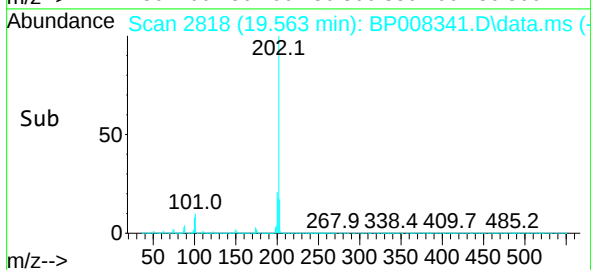
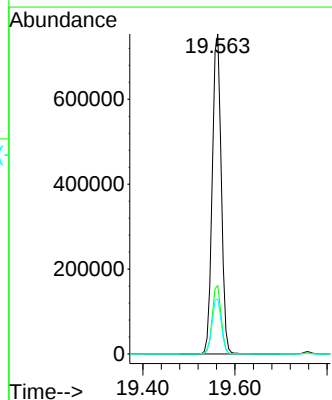
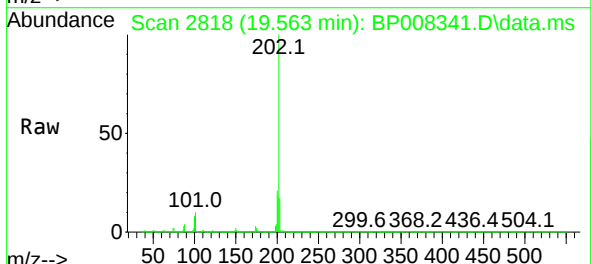
Instrument :  
BNA\_P  
ClientSampleId :  
PB141239BS

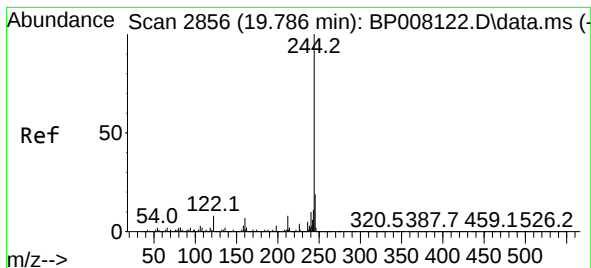
Tgt Ion:184 Resp: 556064  
Ion Ratio Lower Upper  
184 100  
185 13.8 10.3 15.5  
183 12.0 9.1 13.7



#78  
Pyrene  
Concen: 41.986 ng  
RT: 19.563 min Scan# 2818  
Delta R.T. 0.006 min  
Lab File: BP008341.D  
Acq: 10 Dec 2021 15:19

Tgt Ion:202 Resp: 1022187  
Ion Ratio Lower Upper  
202 100  
200 21.4 17.1 25.7  
203 17.2 14.2 21.2





#79

Terphenyl-d14

Concen: 82.134 ng

RT: 19.757 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP008341.D

Acq: 10 Dec 2021 15:19

Instrument :

BNA\_P

ClientSampleId :

PB141239BS

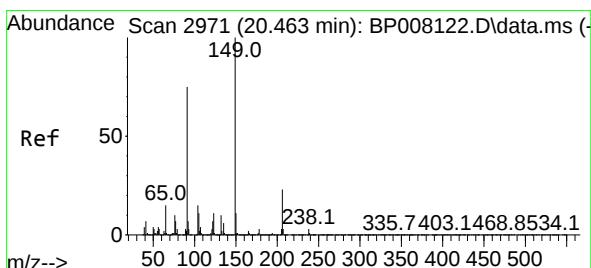
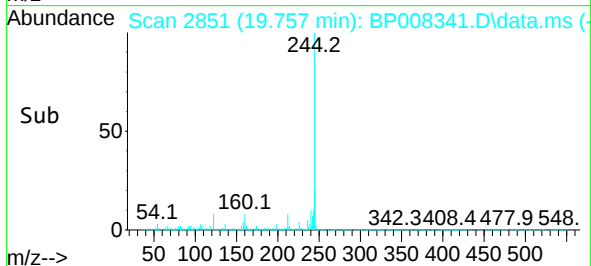
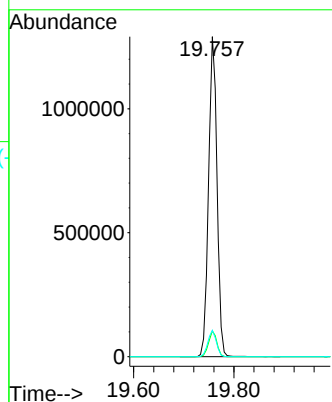
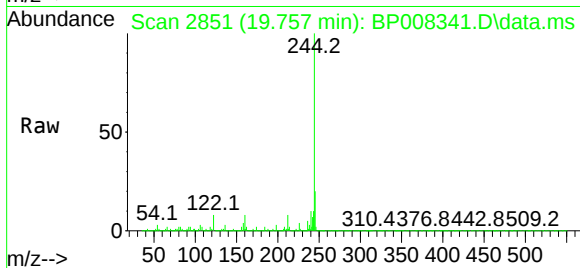
Tgt Ion:244 Resp: 1512859

Ion Ratio Lower Upper

244 100

212 8.0 6.0 9.0

122 8.2 6.6 9.8



#80

Butylbenzylphthalate

Concen: 38.586 ng

RT: 20.439 min Scan# 2967

Delta R.T. 0.006 min

Lab File: BP008341.D

Acq: 10 Dec 2021 15:19

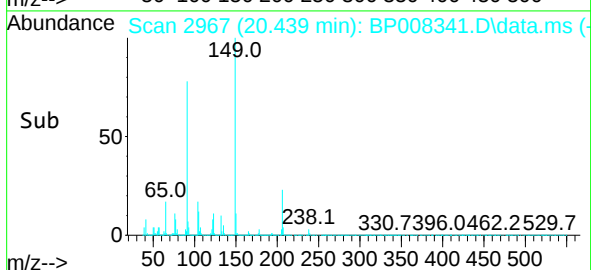
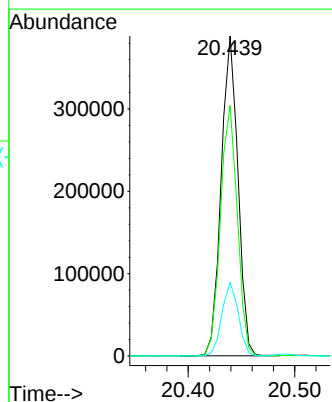
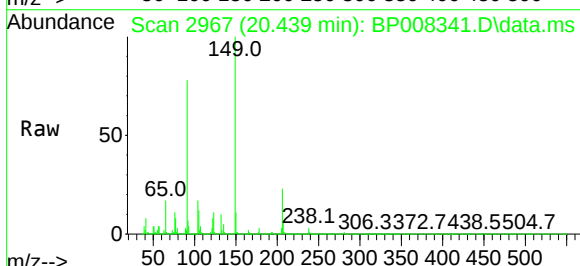
Tgt Ion:149 Resp: 422975

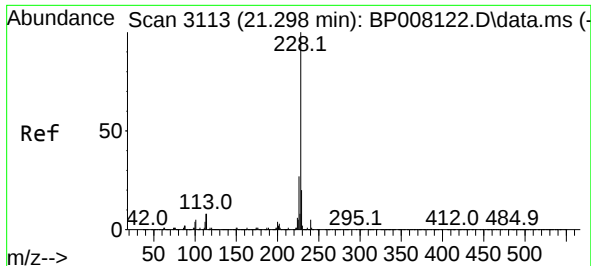
Ion Ratio Lower Upper

149 100

91 78.3 59.8 89.8

206 22.9 18.6 27.8

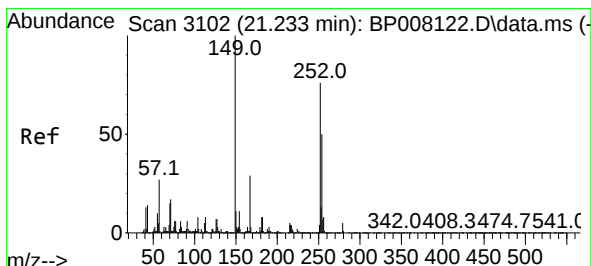
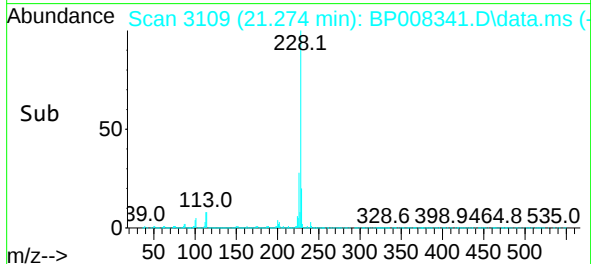
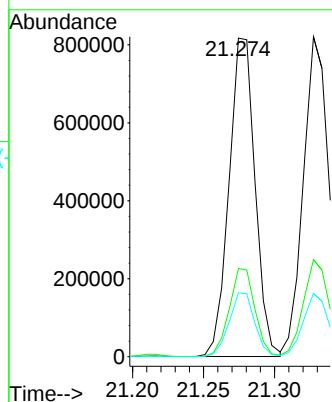
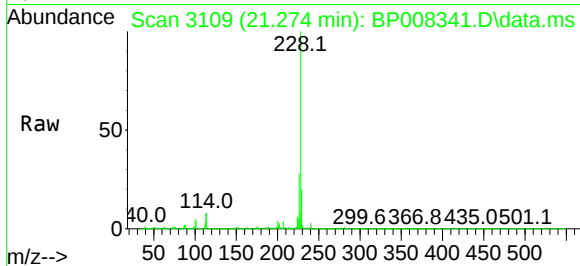




#81  
Benzo(a)anthracene  
Concen: 40.896 ng  
RT: 21.274 min Scan# 3113  
Delta R.T. 0.000 min  
Lab File: BP008341.D  
Acq: 10 Dec 2021 15:19

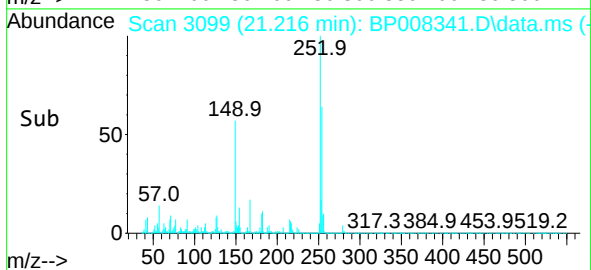
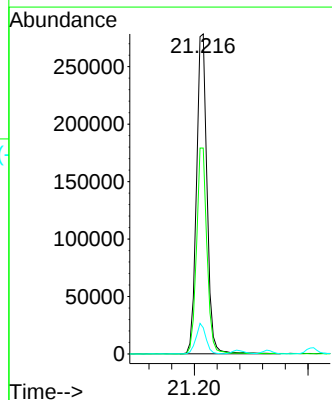
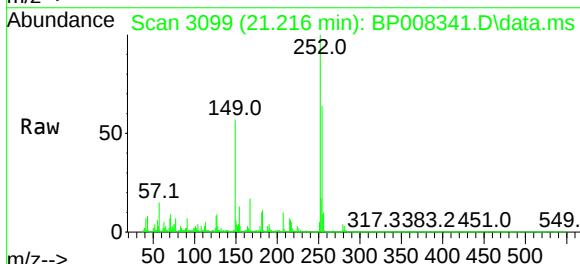
Instrument :  
BNA\_P  
ClientSampleId :  
PB141239BS

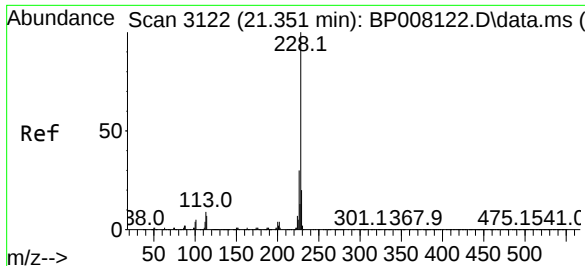
Tgt Ion:228 Resp: 1043384  
Ion Ratio Lower Upper  
228 100  
226 27.7 21.9 32.9  
229 20.0 15.9 23.9



#82  
3,3'-Dichlorobenzidine  
Concen: 29.875 ng  
RT: 21.216 min Scan# 3099  
Delta R.T. 0.006 min  
Lab File: BP008341.D  
Acq: 10 Dec 2021 15:19

Tgt Ion:252 Resp: 359112  
Ion Ratio Lower Upper  
252 100  
254 64.4 52.4 78.6  
126 8.2 7.6 11.4





#83

Chrysene

Concen: 42.151 ng

RT: 21.327 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP008341.D

Acq: 10 Dec 2021 15:19

Instrument :

BNA\_P

ClientSampleId :

PB141239BS

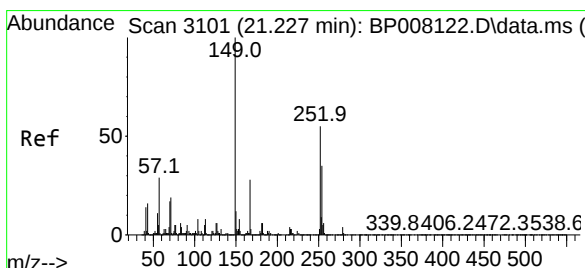
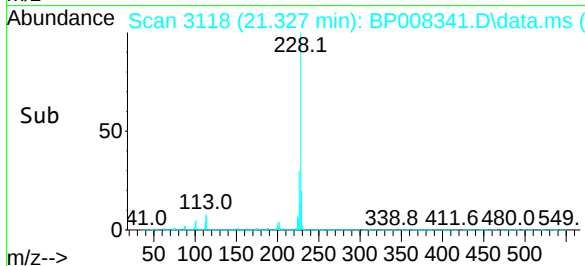
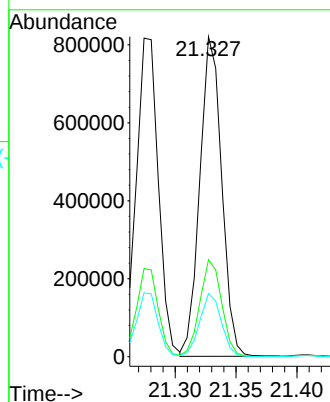
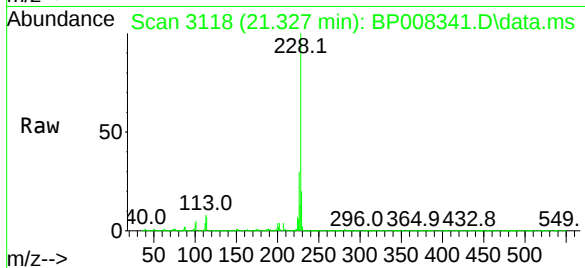
Tgt Ion:228 Resp: 1023337

Ion Ratio Lower Upper

228 100

226 30.3 24.0 36.0

229 19.8 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.253 ng

RT: 21.204 min Scan# 3097

Delta R.T. 0.006 min

Lab File: BP008341.D

Acq: 10 Dec 2021 15:19

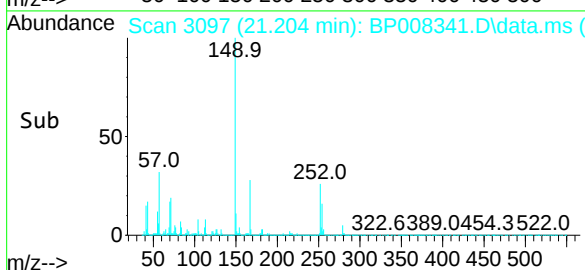
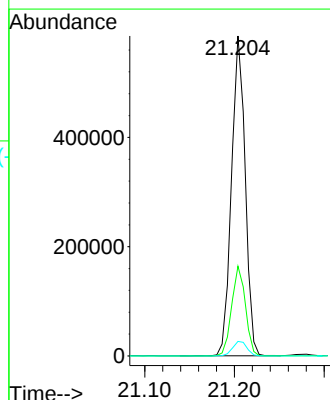
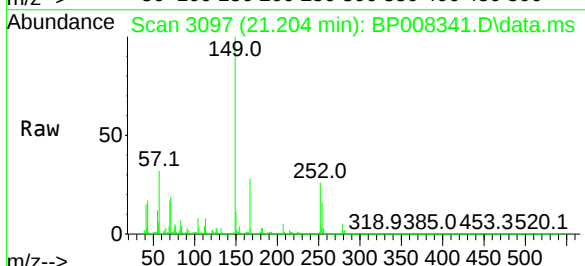
Tgt Ion:149 Resp: 620023

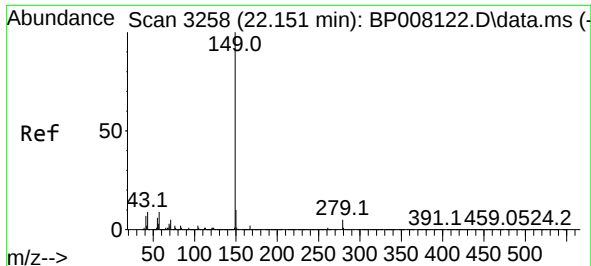
Ion Ratio Lower Upper

149 100

167 28.1 22.5 33.7

279 4.5 3.5 5.3

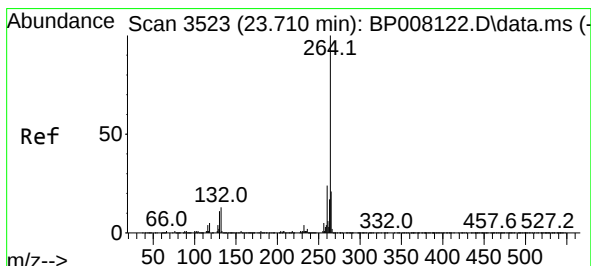
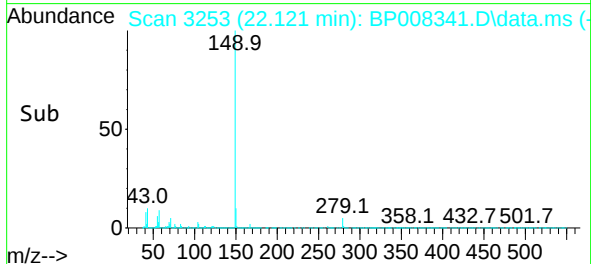
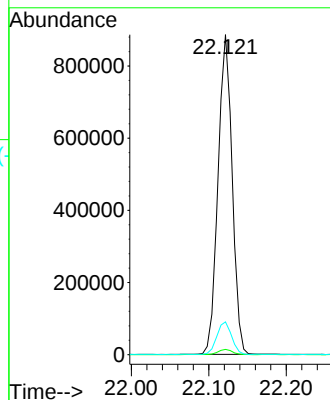
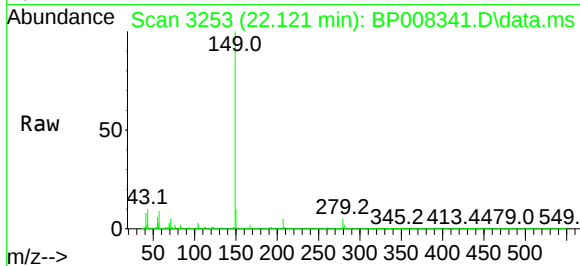




#85  
Di-n-octyl phthalate  
Concen: 39.764 ng  
RT: 22.121 min Scan# 311  
Delta R.T. 0.006 min  
Lab File: BP008341.D  
Acq: 10 Dec 2021 15:19

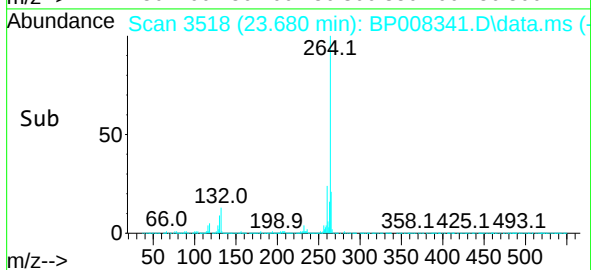
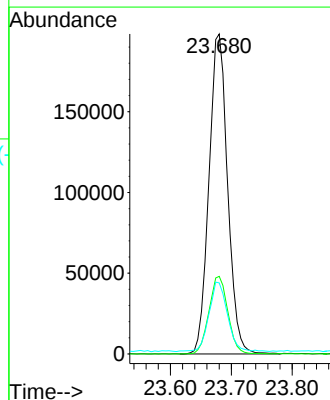
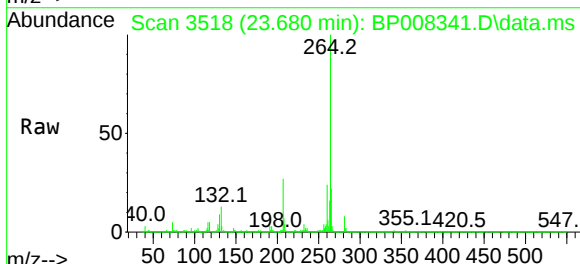
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BNA\_P  
ClientSampleId :  
PB141239BS

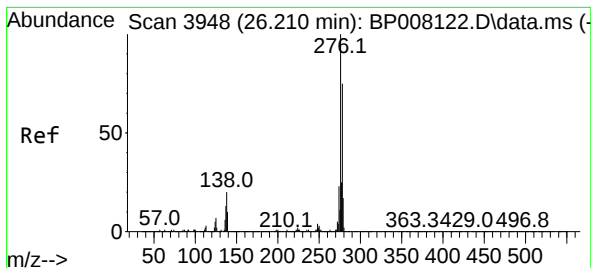
Tgt Ion:149 Resp: 1124236  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.3 1.9  
43 10.5 7.9 11.9



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.680 min Scan# 3518  
Delta R.T. 0.006 min  
Lab File: BP008341.D  
Acq: 10 Dec 2021 15:19

Tgt Ion:264 Resp: 421580  
Ion Ratio Lower Upper  
264 100  
260 24.2 19.4 29.2  
265 22.2 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.283 ng

RT: 26.168 min Scan# 3941

Delta R.T. 0.006 min

Lab File: BP008341.D

Acq: 10 Dec 2021 15:19

Instrument :

BNA\_P

ClientSampleId :

PB141239BS

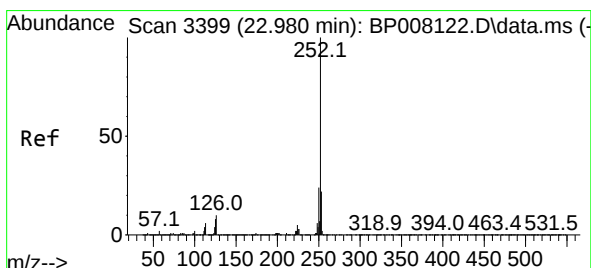
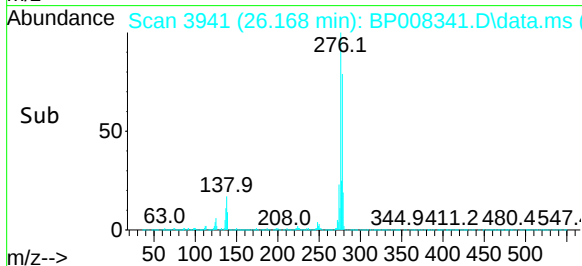
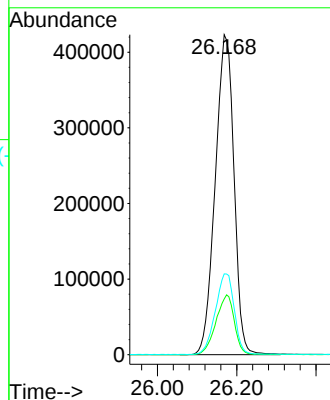
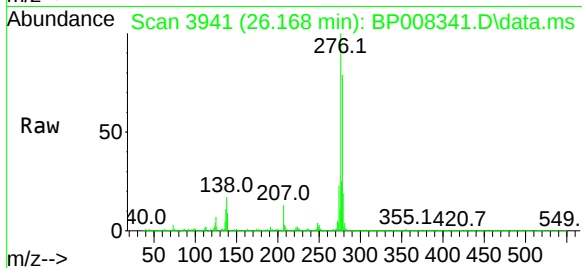
Tgt Ion:276 Resp: 1388841

Ion Ratio Lower Upper

276 100

138 18.4 16.6 25.0

277 25.4 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 44.230 ng

RT: 22.951 min Scan# 3394

Delta R.T. 0.006 min

Lab File: BP008341.D

Acq: 10 Dec 2021 15:19

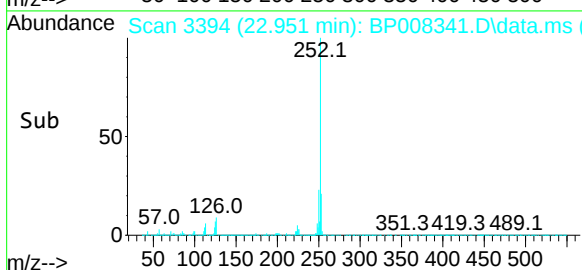
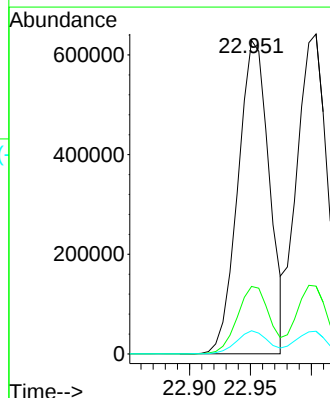
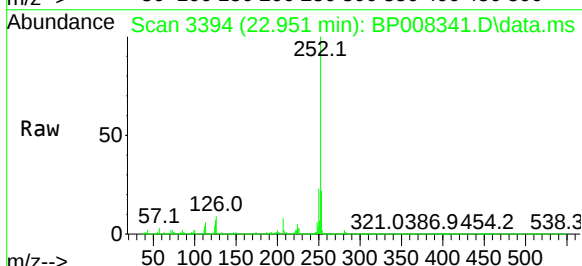
Tgt Ion:252 Resp: 1124096

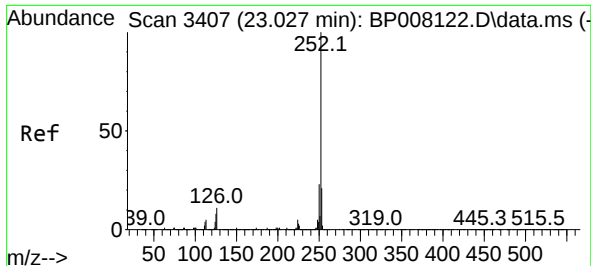
Ion Ratio Lower Upper

252 100

253 21.5 17.7 26.5

125 7.4 6.2 9.4

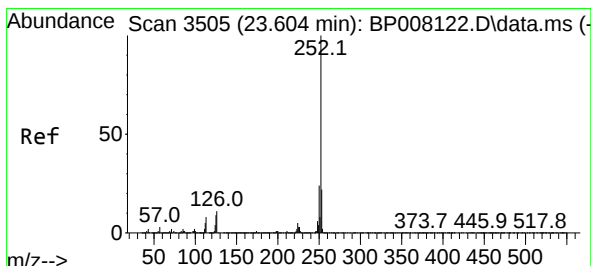
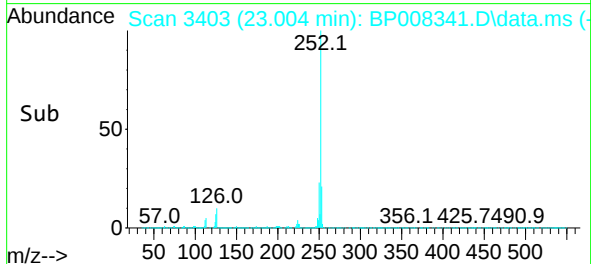
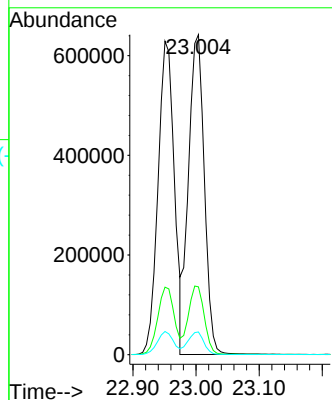
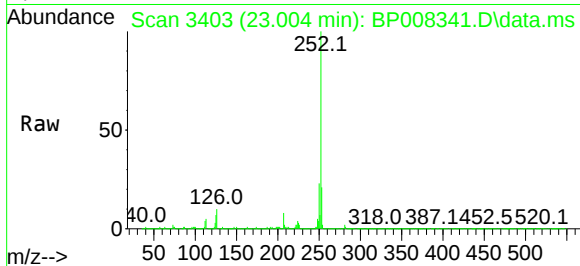




#89  
Benzo(k)fluoranthene  
Concen: 45.002 ng  
RT: 23.004 min Scan# 34  
Delta R.T. 0.006 min  
Lab File: BP008341.D  
Acq: 10 Dec 2021 15:19

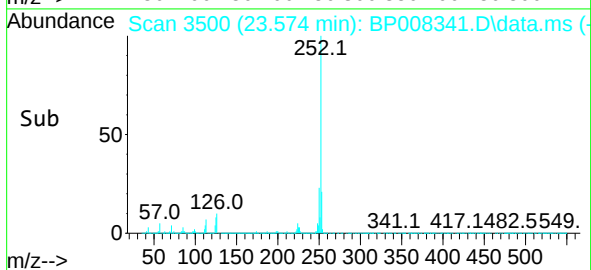
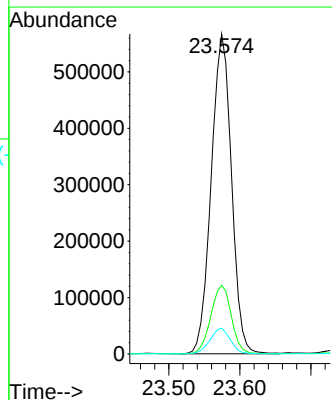
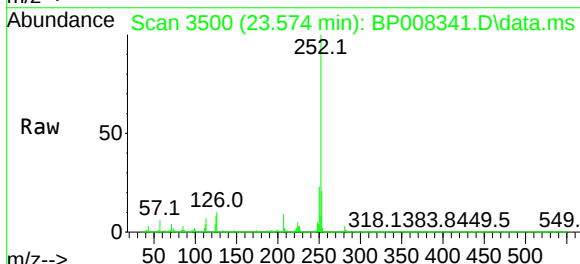
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ClientSampleId :  
PB141239BS

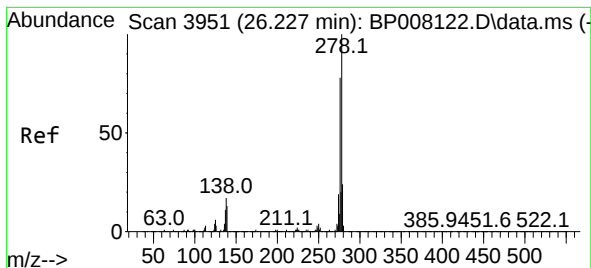
Tgt Ion:252 Resp: 1119709  
Ion Ratio Lower Upper  
252 100  
253 21.2 17.3 25.9  
125 7.1 6.5 9.7



#90  
Benzo(a)pyrene  
Concen: 51.630 ng  
RT: 23.574 min Scan# 3500  
Delta R.T. 0.006 min  
Lab File: BP008341.D  
Acq: 10 Dec 2021 15:19

Tgt Ion:252 Resp: 1121487  
Ion Ratio Lower Upper  
252 100  
253 21.5 17.6 26.4  
125 8.0 7.4 11.0





#91

Dibenzo(a,h)anthracene

Concen: 46.453 ng

RT: 26.180 min Scan# 3943

Delta R.T. 0.012 min

Lab File: BP008341.D

Acq: 10 Dec 2021 15:19

Instrument :

BNA\_P

ClientSampleId :

PB141239BS

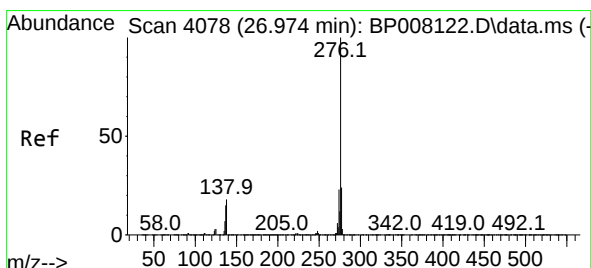
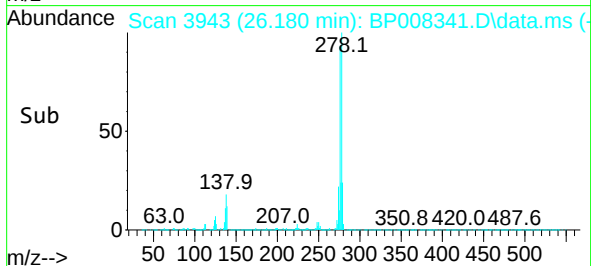
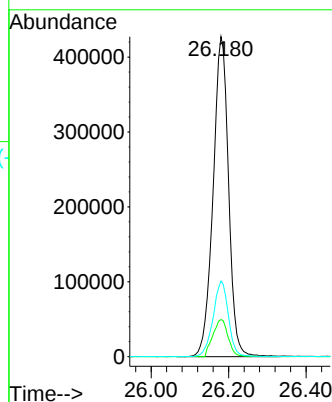
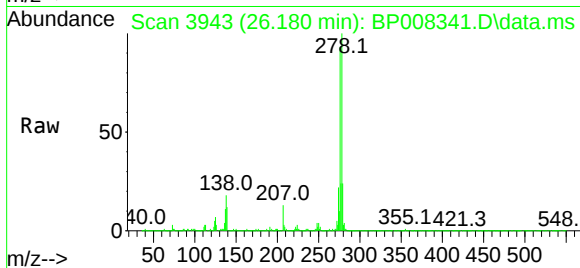
Tgt Ion:278 Resp: 1183236

Ion Ratio Lower Upper

278 100

139 11.6 10.8 16.2

279 23.7 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 45.703 ng

RT: 26.933 min Scan# 4071

Delta R.T. 0.012 min

Lab File: BP008341.D

Acq: 10 Dec 2021 15:19

Tgt Ion:276 Resp: 1174431

Ion Ratio Lower Upper

276 100

277 24.6 20.0 30.0

138 16.5 14.1 21.1

