

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP110824\  
 Data File : BP022936.D  
 Acq On : 08 Nov 2024 16:10  
 Operator : RC/JU  
 Sample : P4368-01  
 Misc : LOD-MDL-SOIL-8 PPM  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :

Quant Time: Nov 08 17:10:32 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP110724.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Nov 07 23:36:11 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.599  | 152  | 49264    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.346 | 136  | 190044   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.210 | 164  | 159992   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.022 | 188  | 417330   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.457 | 240  | 515124   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.698 | 264  | 630683   | 20.000  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.228  | 112  | 306667   | 118.136 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.793  | 99   | 437712   | 120.910 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.740  | 82   | 358742   | 89.181  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.751 | 330  | 428072   | 138.037 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 12.816 | 172  | 978245   | 87.365  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.757 | 244  | 2440770  | 88.985  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.175  | 88   | 8971     | 8.656   | ng    | 99       |
| 3) Pyridine                   | 3.593  | 79   | 20293    | 7.131   | ng    | # 88     |
| 4) n-Nitrosodimethylamine     | 3.493  | 42   | 12283    | 8.954   | ng    | # 77     |
| 6) Aniline                    | 6.940  | 93   | 31787    | 10.533  | ng    | 97       |
| 8) 2-Chlorophenol             | 7.169  | 128  | 21803    | 8.013   | ng    | 90       |
| 9) Benzaldehyde               | 6.769  | 77   | 22419    | 10.715  | ng    | 98       |
| 10) Phenol                    | 6.822  | 94   | 30006    | 8.369   | ng    | 91       |
| 11) bis(2-Chloroethyl)ether   | 7.040  | 93   | 23249    | 8.583   | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 7.487  | 146  | 27148    | 7.818   | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.634  | 146  | 26805    | 7.559   | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.940  | 146  | 26471    | 7.721   | ng    | 98       |
| 15) Benzyl Alcohol            | 7.846  | 79   | 20610    | 7.516   | ng    | 92       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.105  | 45   | 26742    | 9.100   | ng    | 97       |
| 17) 2-Methylphenol            | 8.052  | 107  | 19703    | 8.096   | ng    | 96       |
| 18) Hexachloroethane          | 8.652  | 117  | 10329    | 7.874   | ng    | 89       |
| 19) n-Nitroso-di-n-propyla... | 8.393  | 70   | 22204    | 8.961   | ng    | 93       |
| 20) 3+4-Methylphenols         | 8.381  | 107  | 26573    | 7.813   | ng    | 96       |
| 22) Acetophenone              | 8.411  | 105  | 43756    | 8.650   | ng    | # 93     |
| 24) Nitrobenzene              | 8.781  | 77   | 32897    | 8.051   | ng    | 95       |
| 25) Isophorone                | 9.299  | 82   | 56953    | 8.365   | ng    | 97       |
| 26) 2-Nitrophenol             | 9.493  | 139  | 12037    | 7.174   | ng    | 88       |
| 27) 2,4-Dimethylphenol        | 9.552  | 122  | 15985    | 8.343   | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 9.775  | 93   | 31885    | 8.245   | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.028 | 162  | 25485    | 7.684   | ng    | 92       |
| 30) 1,2,4-Trichlorobenzene    | 10.216 | 180  | 32582    | 7.685   | ng    | 99       |
| 31) Naphthalene               | 10.399 | 128  | 76104    | 7.992   | ng    | 99       |
| 32) Benzoic acid              | 9.663  | 122  | 11864    | 5.157   | ng    | 90       |
| 33) 4-Chloroaniline           | 10.528 | 127  | 29836    | 8.803   | ng    | # 92     |
| 34) Hexachlorobutadiene       | 10.669 | 225  | 23559    | 7.576   | ng    | 96       |
| 35) Caprolactam               | 11.322 | 113  | 7345     | 7.398   | ng    | 90       |
| 36) 4-Chloro-3-methylphenol   | 11.663 | 107  | 27427    | 7.417   | ng    | 99       |
| 37) 2-Methylnaphthalene       | 12.010 | 142  | 57742    | 8.097   | ng    | 96       |
| 38) 1-Methylnaphthalene       | 12.010 | 142  | 57742    | 8.157   | ng    | 90       |
| 40) 1,2,4,5-Tetrachloroben... | 12.387 | 216  | 44150    | 8.151   | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.357 | 237  | 11262    | 7.404   | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.646 | 196  | 26370    | 7.655   | ng    | 98       |

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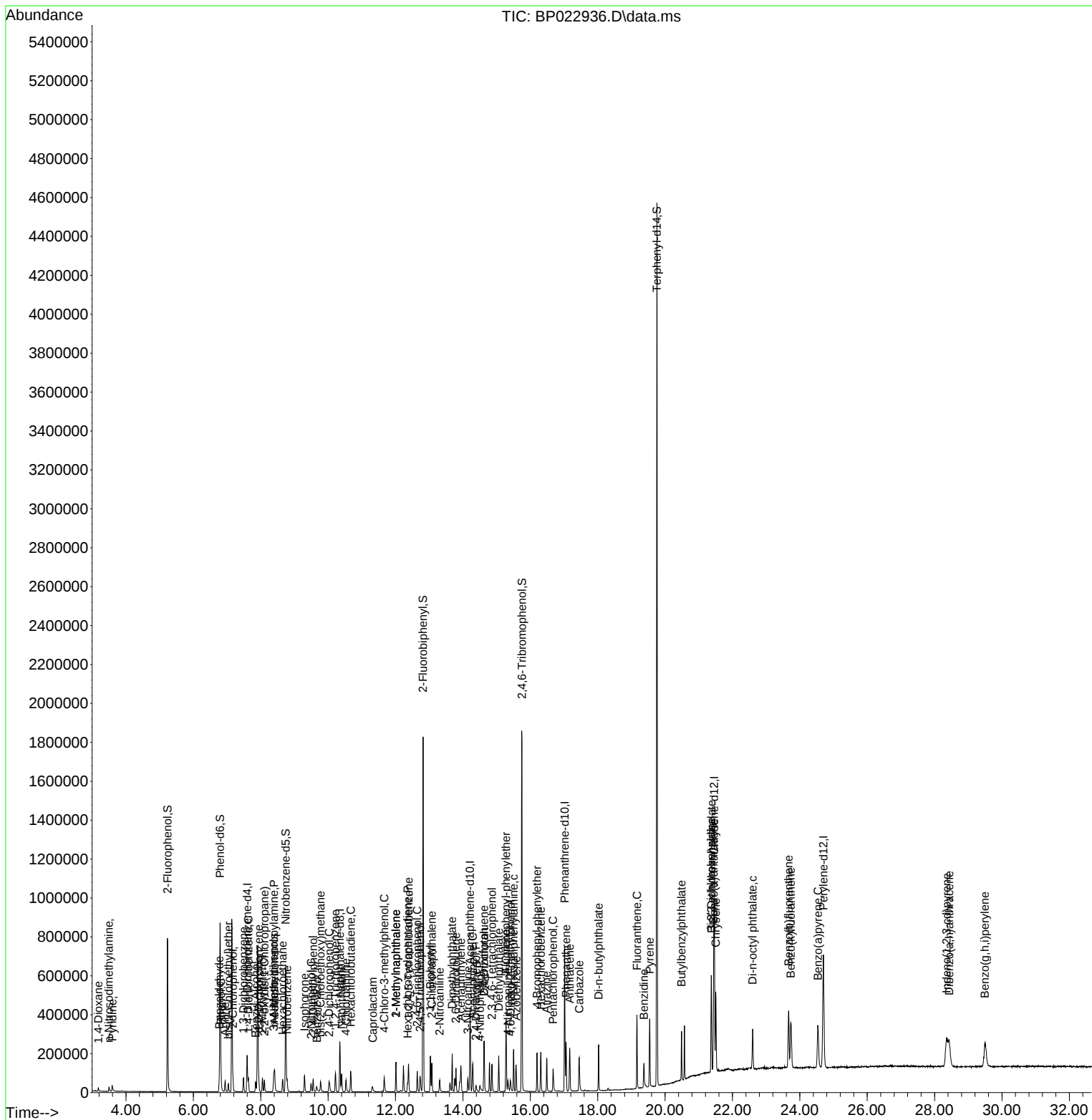
Instrument :  
 BNA\_P  
 ClientSampleId :

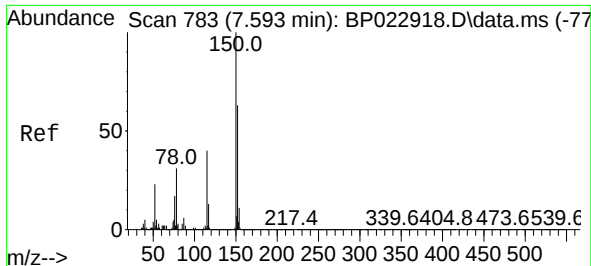
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 QLast Update : Thu Nov 07 23:36:11 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.728 | 196  | 28015    | 7.144  | ng    | 99       |
| 46) 1,1'-Biphenyl             | 13.034 | 154  | 90140    | 8.475  | ng    | 96       |
| 47) 2-Chloronaphthalene       | 13.075 | 162  | 68976    | 7.815  | ng    | 93       |
| 48) 2-Nitroaniline            | 13.310 | 65   | 18697    | 7.271  | ng    | 99       |
| 49) Acenaphthylene            | 13.940 | 152  | 108653   | 8.815  | ng    | 100      |
| 50) Dimethylphthalate         | 13.681 | 163  | 97423    | 8.317  | ng    | 98       |
| 51) 2,6-Dinitrotoluene        | 13.793 | 165  | 20173    | 7.574  | ng    | # 85     |
| 52) Acenaphthene              | 14.293 | 154  | 63115    | 7.963  | ng    | 97       |
| 53) 3-Nitroaniline            | 14.146 | 138  | 16503    | 7.626  | ng    | 94       |
| 54) 2,4-Dinitrophenol         | 14.387 | 184  | 10536    | 6.375  | ng    | 93       |
| 55) Dibenzofuran              | 14.628 | 168  | 117734   | 8.458  | ng    | 98       |
| 56) 4-Nitrophenol             | 14.504 | 139  | 10284    | 5.778  | ng    | 92       |
| 57) 2,4-Dinitrotoluene        | 14.628 | 165  | 28912    | 7.509  | ng    | # 81     |
| 58) Fluorene                  | 15.281 | 166  | 95109    | 8.224  | ng    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol | 14.863 | 232  | 30451    | 8.051  | ng    | 98       |
| 60) Diethylphthalate          | 15.063 | 149  | 95181    | 8.170  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.281 | 204  | 55394    | 8.127  | ng    | 97       |
| 62) 4-Nitroaniline            | 15.334 | 138  | 14204    | 6.396  | ng    | # 79     |
| 63) Azobenzene                | 15.581 | 77   | 86255    | 8.610  | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 15.410 | 198  | 17492    | 6.889  | ng    | 95       |
| 66) n-Nitrosodiphenylamine    | 15.504 | 169  | 83659    | 8.108  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.198 | 248  | 40624    | 8.116  | ng    | 94       |
| 68) Hexachlorobenzene         | 16.316 | 284  | 50348    | 7.853  | ng    | 98       |
| 69) Atrazine                  | 16.487 | 200  | 35408    | 10.181 | ng    | 97       |
| 70) Pentachlorophenol         | 16.675 | 266  | 27779    | 6.785  | ng    | 91       |
| 71) Phenanthrene              | 17.063 | 178  | 167382   | 8.288  | ng    | 99       |
| 72) Anthracene                | 17.169 | 178  | 168329   | 8.684  | ng    | 99       |
| 73) Carbazole                 | 17.451 | 167  | 145518   | 7.861  | ng    | 98       |
| 74) Di-n-butylphthalate       | 18.028 | 149  | 158002   | 7.658  | ng    | 99       |
| 75) Fluoranthene              | 19.163 | 202  | 221614   | 7.910  | ng    | 100      |
| 77) Benzidine                 | 19.375 | 184  | 98710    | 9.698  | ng    | 99       |
| 78) Pyrene                    | 19.545 | 202  | 237179   | 7.779  | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.486 | 149  | 76133    | 7.323  | ng    | 96       |
| 81) Benzo(a)anthracene        | 21.439 | 228  | 269720   | 8.414  | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 21.369 | 252  | 99795    | 7.691  | ng    | 97       |
| 83) Chrysene                  | 21.504 | 228  | 254924   | 8.490  | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 21.375 | 149  | 110124   | 7.381  | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.598 | 149  | 187688   | 7.528  | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 28.357 | 276  | 358772   | 8.434  | ng    | # 95     |
| 88) Benzo(b)fluoranthene      | 23.669 | 252  | 300109   | 8.099  | ng    | # 99     |
| 89) Benzo(k)fluoranthene      | 23.733 | 252  | 285601   | 8.163  | ng    | 96       |
| 90) Benzo(a)pyrene            | 24.533 | 252  | 269175   | 8.490  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 28.433 | 278  | 292253   | 8.378  | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 29.492 | 276  | 273009   | 7.638  | ng    | 100      |

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

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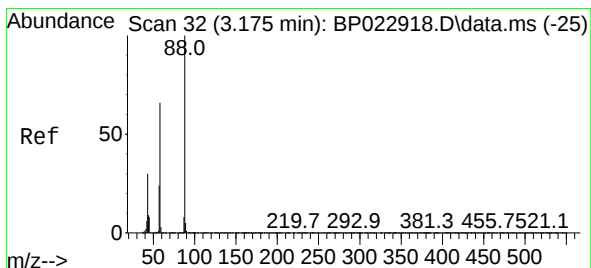
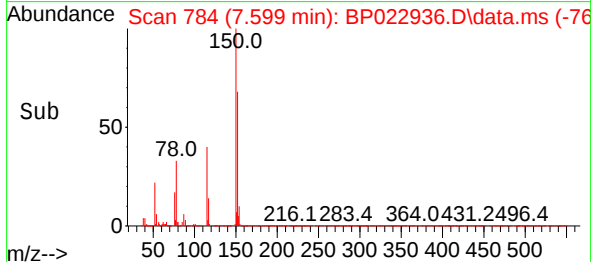
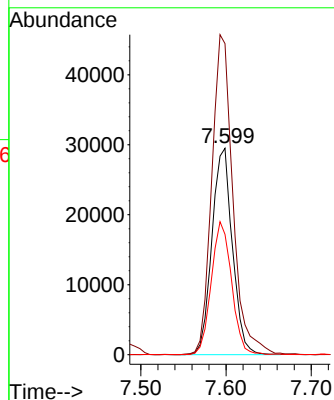
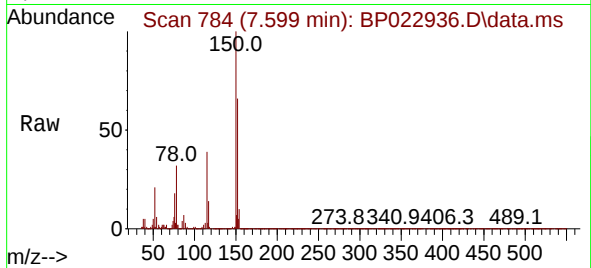




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.599 min Scan# 71  
 Delta R.T. 0.006 min  
 Lab File: BP022936.D  
 Acq: 08 Nov 2024 16:10

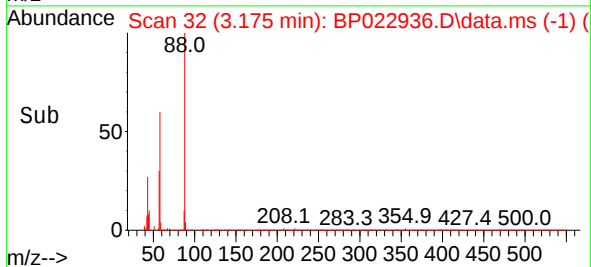
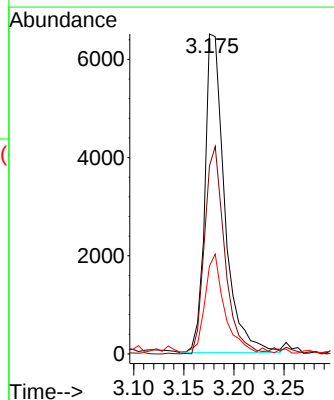
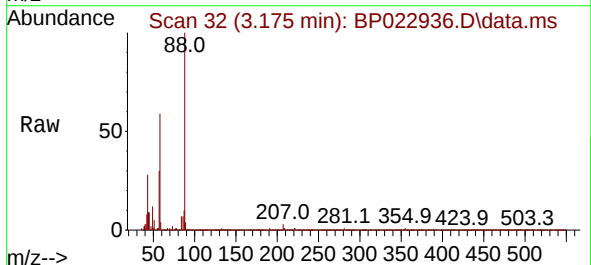
Instrument :  
 BNA\_P  
 ClientSampleId :

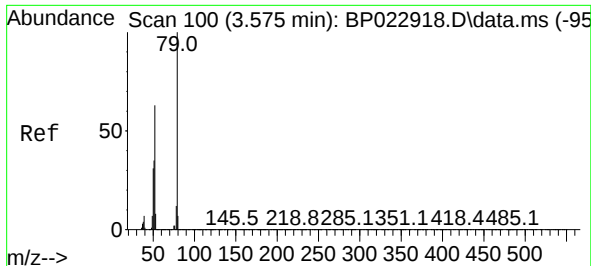
Tgt Ion:152 Resp: 49264  
 Ion Ratio Lower Upper  
 152 100  
 150 150.6 127.0 190.4  
 115 58.3 50.5 75.7



#2  
 1,4-Dioxane  
 Concen: 8.656 ng  
 RT: 3.175 min Scan# 32  
 Delta R.T. 0.000 min  
 Lab File: BP022936.D  
 Acq: 08 Nov 2024 16:10

Tgt Ion: 88 Resp: 8971  
 Ion Ratio Lower Upper  
 88 100  
 58 65.5 52.8 79.2  
 43 29.6 23.4 35.0

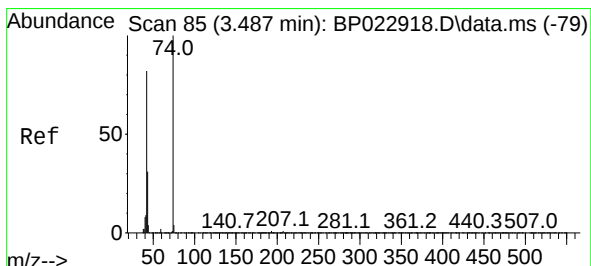
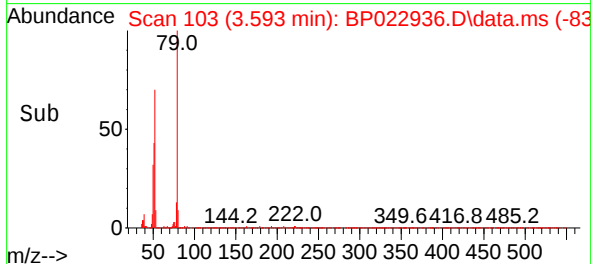
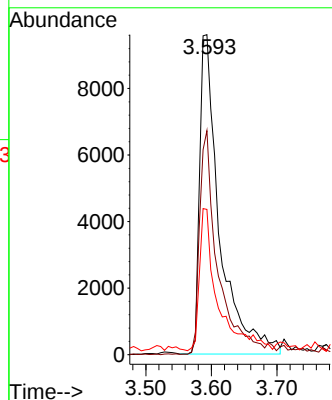
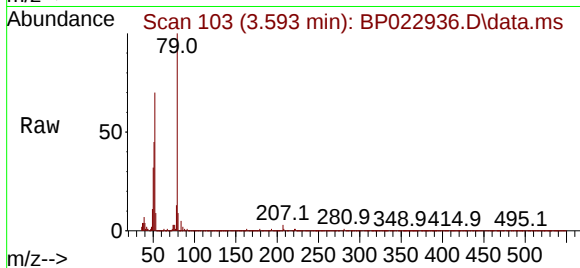




#3  
Pyridine  
Concen: 7.131 ng  
RT: 3.593 min Scan# 103  
Delta R.T. 0.018 min  
Lab File: BP022936.D  
Acq: 08 Nov 2024 16:10

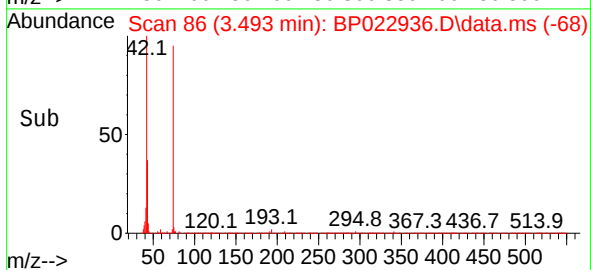
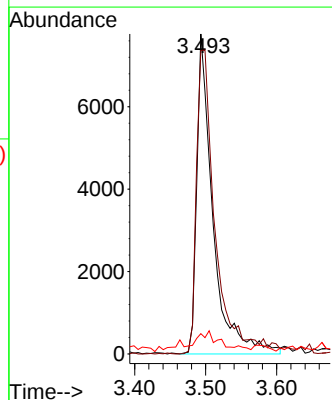
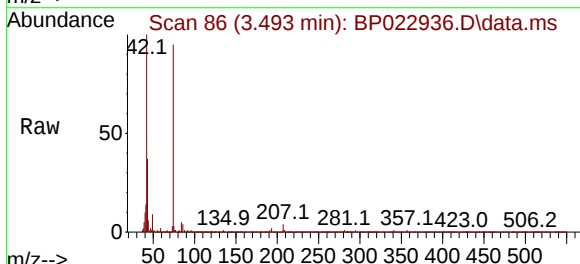
Instrument :  
BNA\_P  
ClientSampleId :

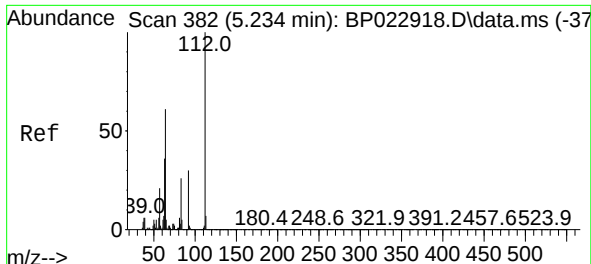
Tgt Ion: 79 Resp: 20293  
Ion Ratio Lower Upper  
79 100  
52 70.0 50.4 75.6  
51 45.4 28.6 43.0#



#4  
n-Nitrosodimethylamine  
Concen: 8.954 ng  
RT: 3.493 min Scan# 86  
Delta R.T. 0.006 min  
Lab File: BP022936.D  
Acq: 08 Nov 2024 16:10

Tgt Ion: 42 Resp: 12283  
Ion Ratio Lower Upper  
42 100  
74 94.9 97.7 146.5#  
44 6.3 4.5 6.7

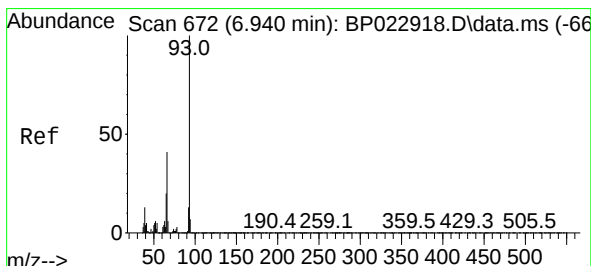
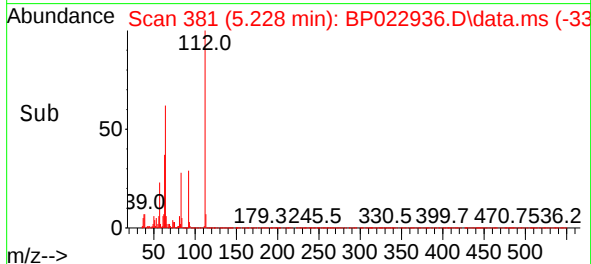
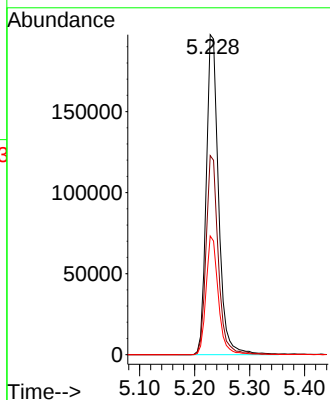
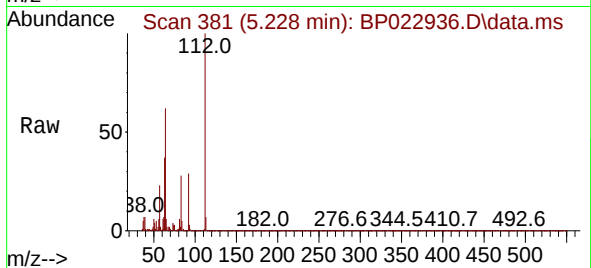




#5  
2-Fluorophenol  
Concen: 118.136 ng  
RT: 5.228 min Scan# 381  
Delta R.T. -0.006 min  
Lab File: BP022936.D  
Acq: 08 Nov 2024 16:10

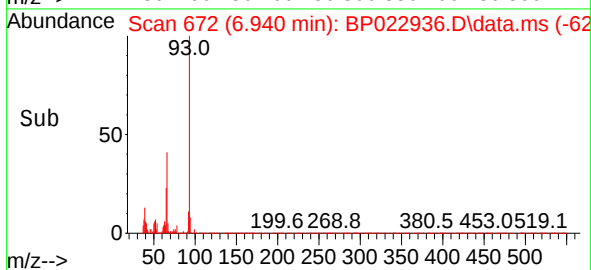
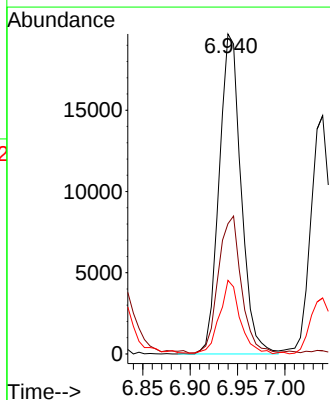
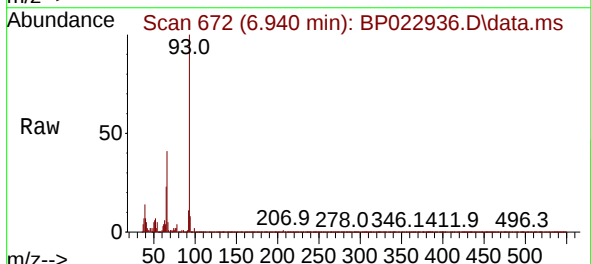
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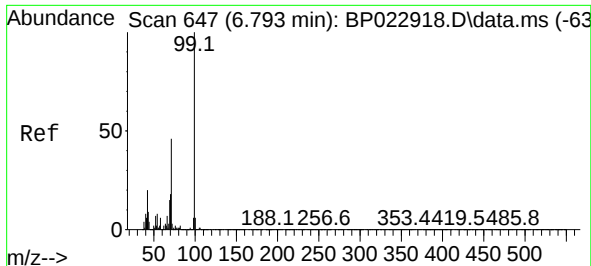
Tgt Ion:112 Resp: 306667  
Ion Ratio Lower Upper  
112 100  
64 62.2 48.7 73.1  
63 37.1 29.0 43.4



#6  
Aniline  
Concen: 10.533 ng  
RT: 6.940 min Scan# 672  
Delta R.T. 0.000 min  
Lab File: BP022936.D  
Acq: 08 Nov 2024 16:10

Tgt Ion: 93 Resp: 31787  
Ion Ratio Lower Upper  
93 100  
66 40.7 32.9 49.3  
65 23.0 16.0 24.0

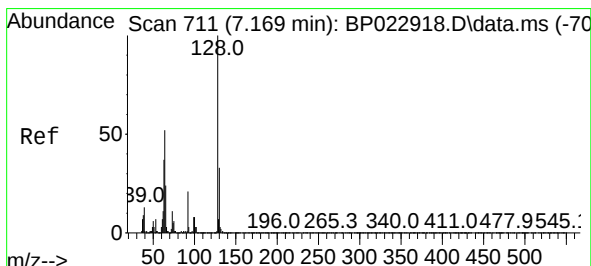
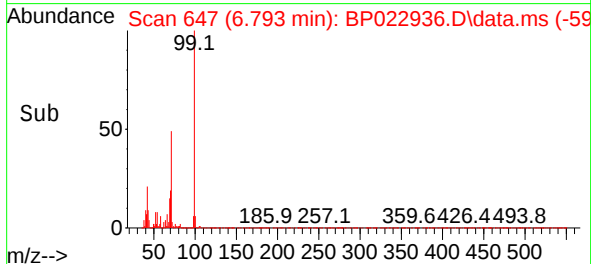
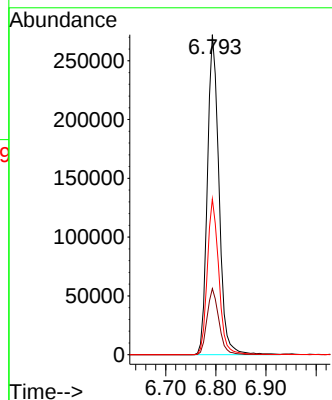
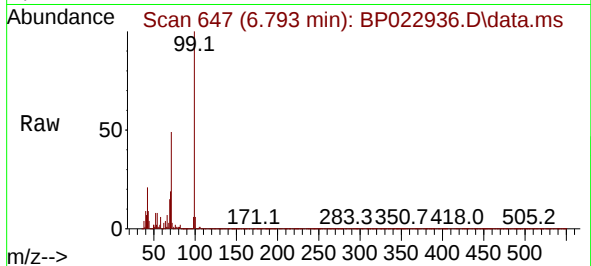




#7  
Phenol-d6  
Concen: 120.910 ng  
RT: 6.793 min Scan# 647  
Delta R.T. 0.000 min  
Lab File: BP022936.D  
Acq: 08 Nov 2024 16:10

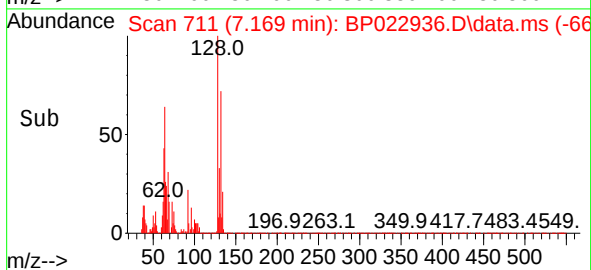
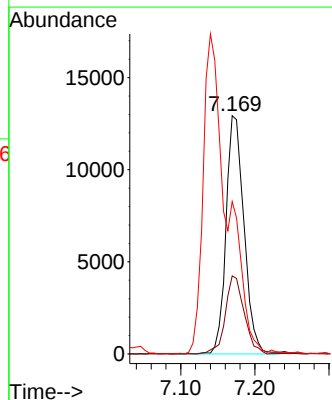
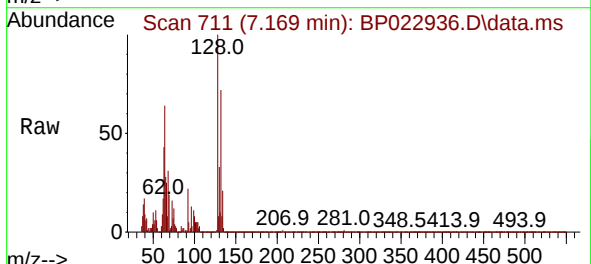
Instrument :  
BNA\_P  
ClientSampleId :

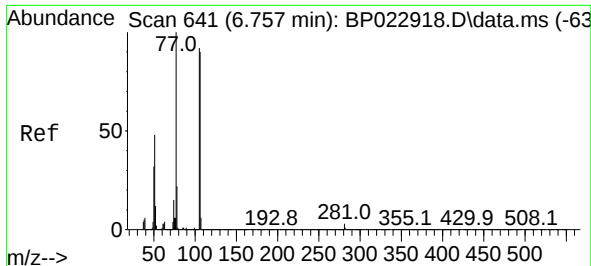
Tgt Ion: 99 Resp: 437712  
Ion Ratio Lower Upper  
99 100  
42 20.7 15.8 23.6  
71 48.7 36.6 55.0



#8  
2-Chlorophenol  
Concen: 8.013 ng  
RT: 7.169 min Scan# 711  
Delta R.T. 0.000 min  
Lab File: BP022936.D  
Acq: 08 Nov 2024 16:10

Tgt Ion: 128 Resp: 21803  
Ion Ratio Lower Upper  
128 100  
130 32.8 12.6 52.6  
64 64.0 32.7 72.7





#9

Benzaldehyde

Concen: 10.715 ng

RT: 6.769 min Scan# 641

Delta R.T. 0.012 min

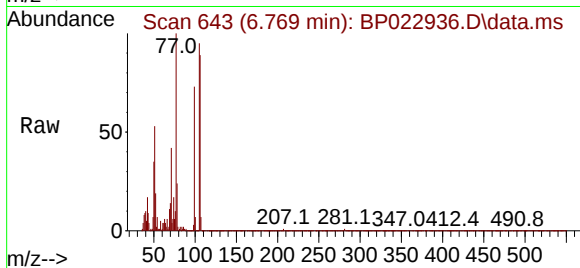
Lab File: BP022936.D

Acq: 08 Nov 2024 16:10

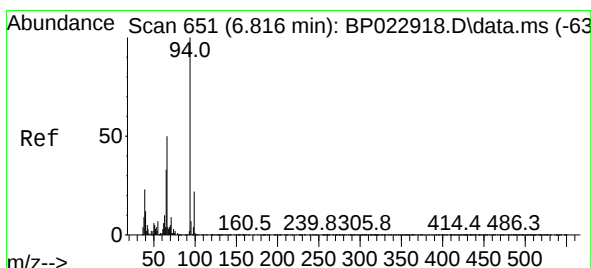
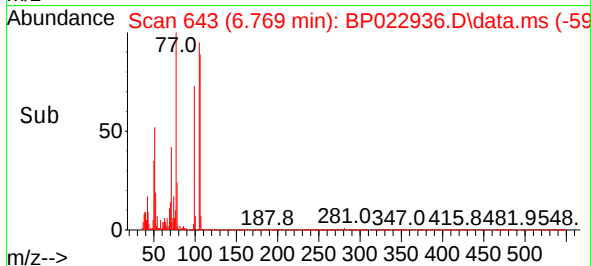
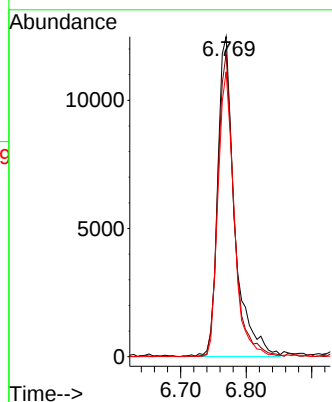
Instrument :

BNA\_P

ClientSampleId :



|             |                 |
|-------------|-----------------|
| Tgt Ion: 77 | Resp: 22419     |
| Ion Ratio   | Lower Upper     |
| 77          | 100             |
| 105         | 94.7 71.4 111.4 |
| 106         | 89.1 69.9 109.9 |



#10

Phenol

Concen: 8.369 ng

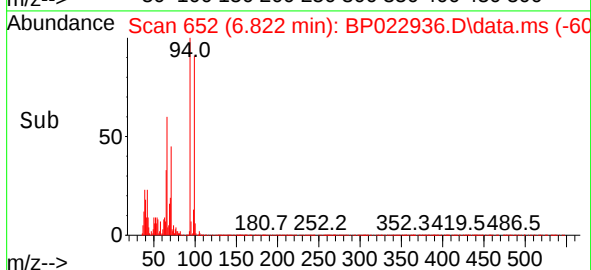
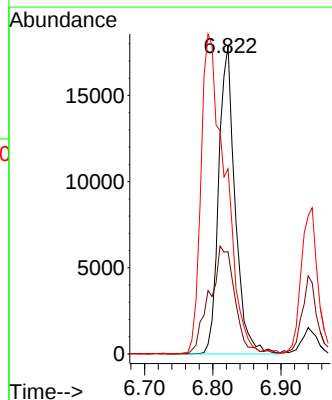
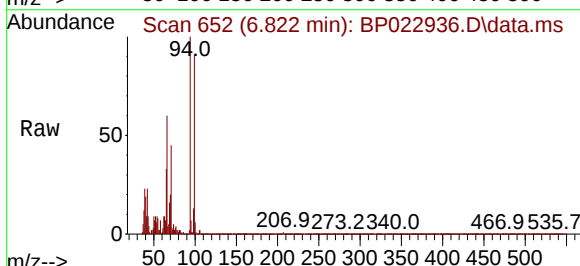
RT: 6.822 min Scan# 652

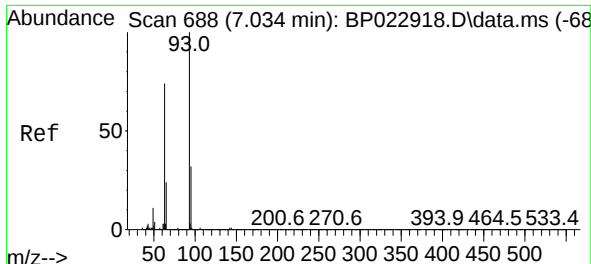
Delta R.T. 0.006 min

Lab File: BP022936.D

Acq: 08 Nov 2024 16:10

|             |                |
|-------------|----------------|
| Tgt Ion: 94 | Resp: 30006    |
| Ion Ratio   | Lower Upper    |
| 94          | 100            |
| 65          | 33.1 12.9 52.9 |
| 66          | 60.0 30.0 70.0 |

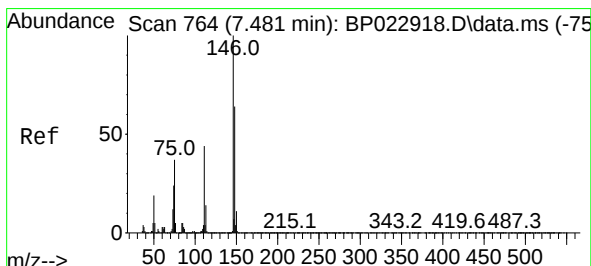
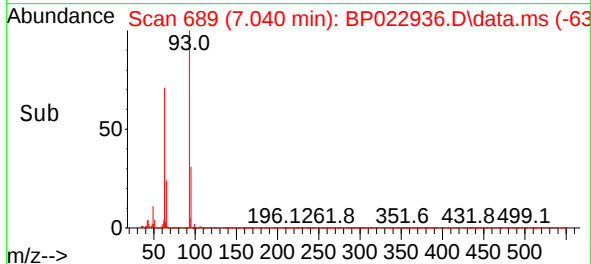
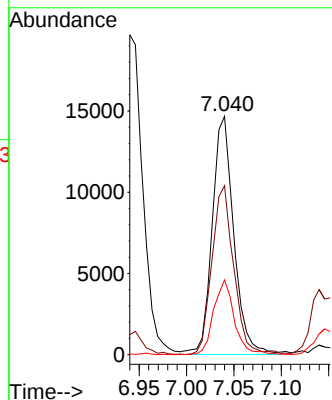
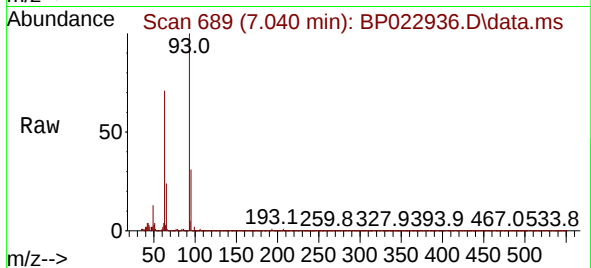




#11  
bis(2-Chloroethyl)ether  
Concen: 8.583 ng  
RT: 7.040 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: BP022936.D  
Acq: 08 Nov 2024 16:10

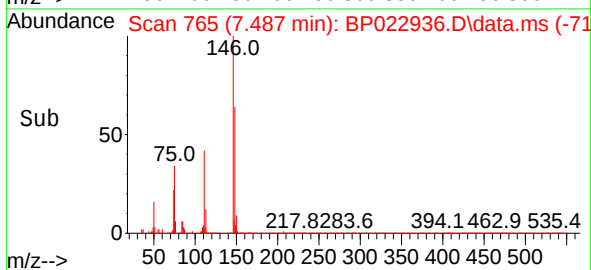
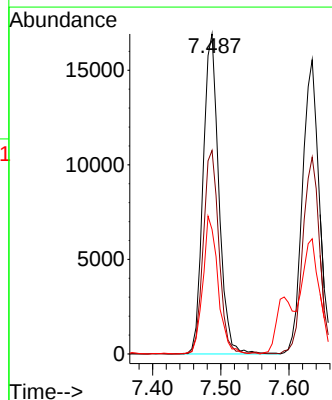
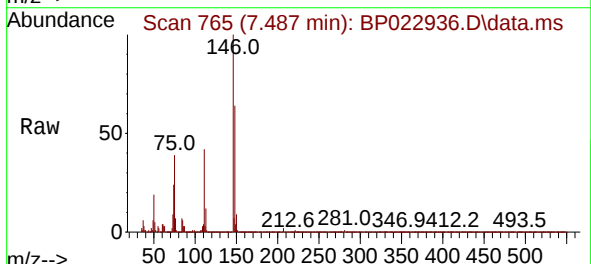
Instrument :  
BNA\_P  
ClientSampleId :

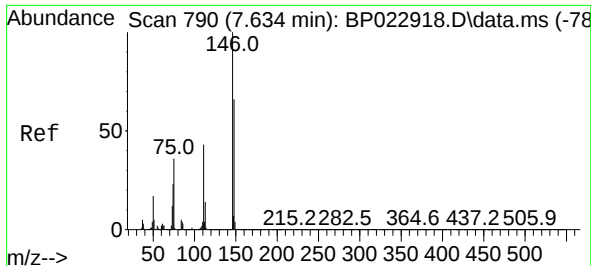
Tgt Ion: 93 Resp: 23249  
Ion Ratio Lower Upper  
93 100  
63 70.8 53.6 93.6  
95 31.3 12.1 52.1



#12  
1,3-Dichlorobenzene  
Concen: 7.818 ng  
RT: 7.487 min Scan# 765  
Delta R.T. 0.006 min  
Lab File: BP022936.D  
Acq: 08 Nov 2024 16:10

Tgt Ion: 146 Resp: 27148  
Ion Ratio Lower Upper  
146 100  
148 63.6 51.4 77.0  
75 38.9 29.3 43.9





#13

1,4-Dichlorobenzene

Concen: 7.559 ng

RT: 7.634 min Scan# 790

Delta R.T. 0.000 min

Lab File: BP022936.D

Acq: 08 Nov 2024 16:10

Instrument :

BNA\_P

ClientSampleId :

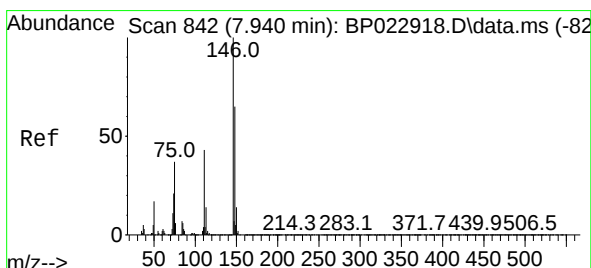
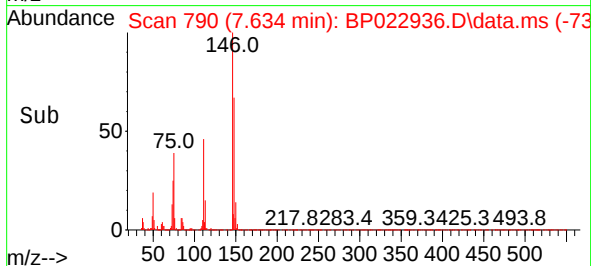
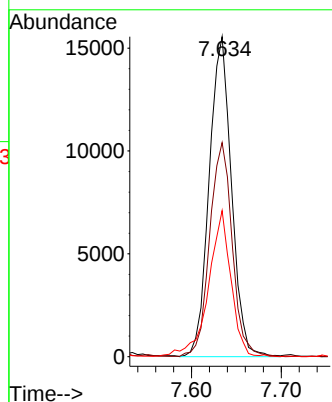
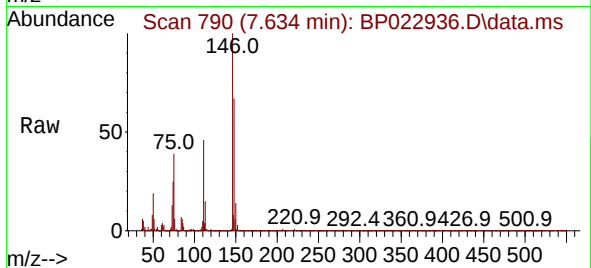
Tgt Ion:146 Resp: 26805

Ion Ratio Lower Upper

146 100

148 66.9 53.2 79.8

111 45.7 35.0 52.4



#14

1,2-Dichlorobenzene

Concen: 7.721 ng

RT: 7.940 min Scan# 842

Delta R.T. 0.000 min

Lab File: BP022936.D

Acq: 08 Nov 2024 16:10

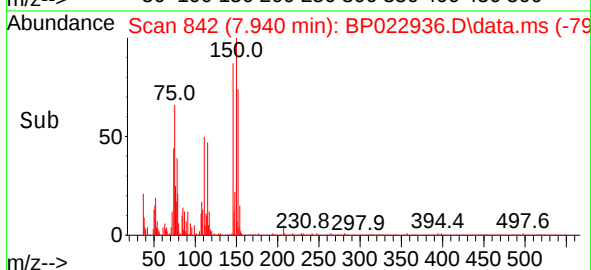
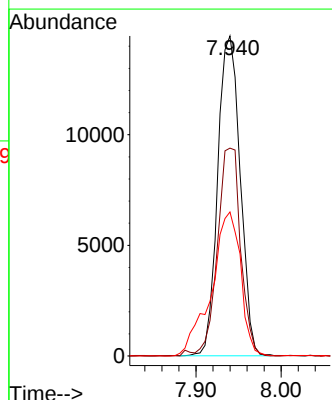
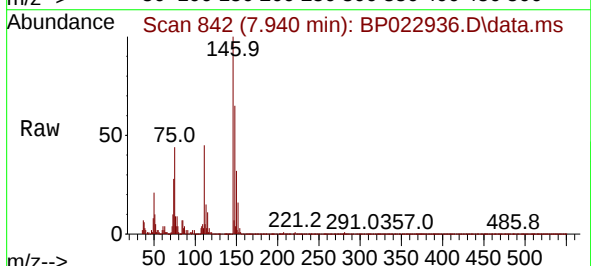
Tgt Ion:146 Resp: 26471

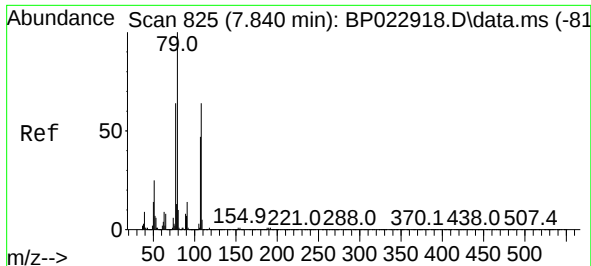
Ion Ratio Lower Upper

146 100

148 64.9 52.4 78.6

111 45.0 34.2 51.4

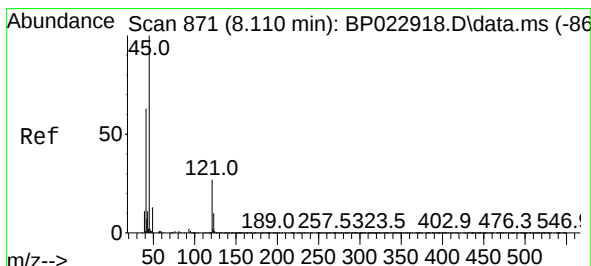
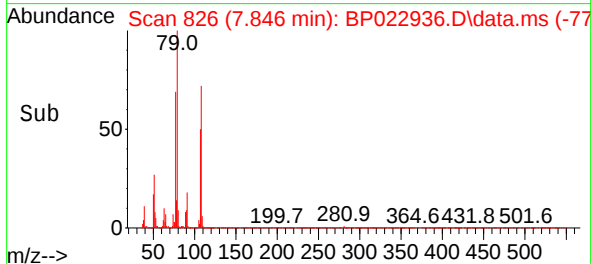
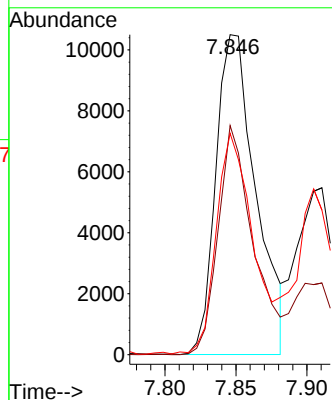
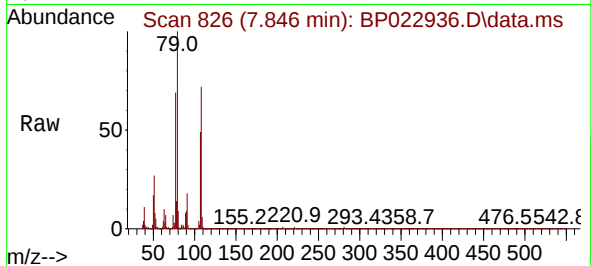




#15  
Benzyl Alcohol  
Concen: 7.516 ng  
RT: 7.846 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: BP022936.D  
Acq: 08 Nov 2024 16:10

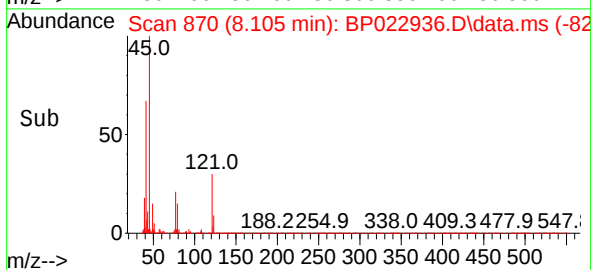
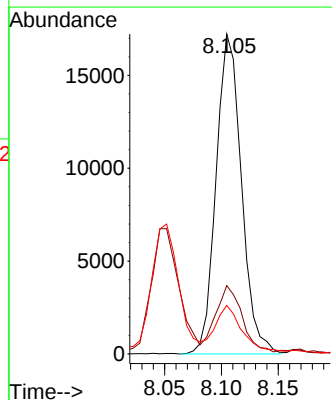
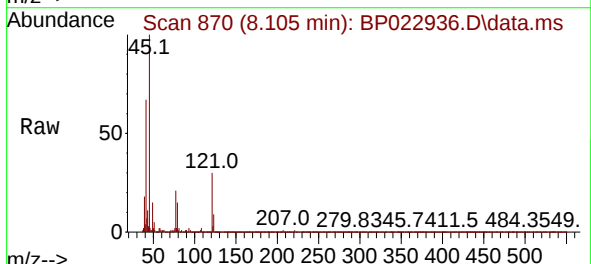
Instrument :  
BNA\_P  
ClientSampleId :

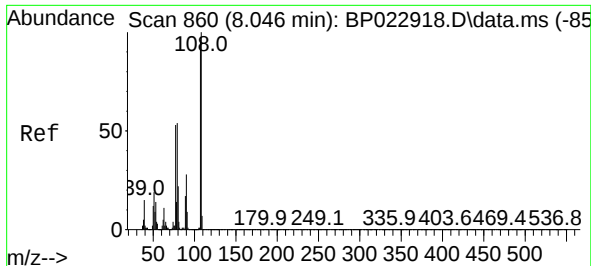
Tgt Ion: 79 Resp: 20610  
Ion Ratio Lower Upper  
79 100  
108 71.6 51.2 76.8  
77 69.2 51.3 76.9



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 9.100 ng  
RT: 8.105 min Scan# 870  
Delta R.T. -0.006 min  
Lab File: BP022936.D  
Acq: 08 Nov 2024 16:10

Tgt Ion: 45 Resp: 26742  
Ion Ratio Lower Upper  
45 100  
77 21.3 0.0 39.5  
79 15.2 0.0 34.9

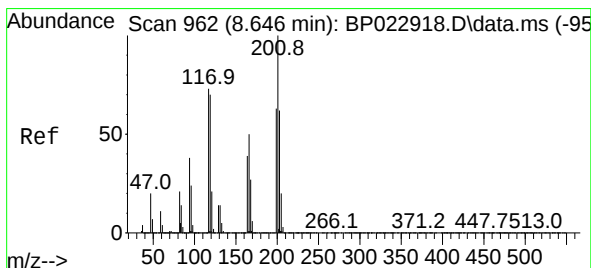
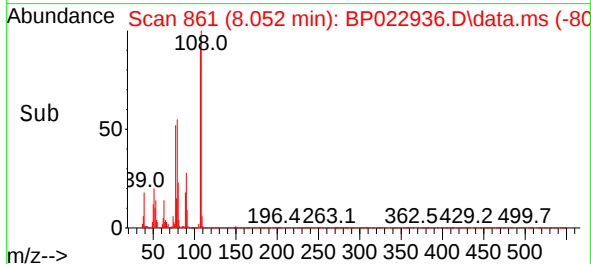
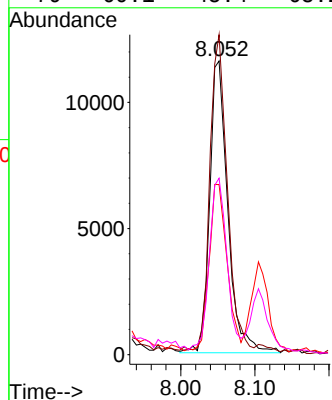
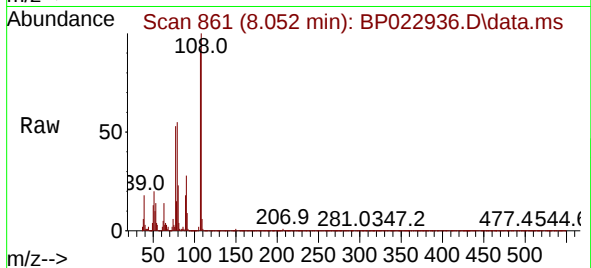




#17  
2-Methylphenol  
Concen: 8.096 ng  
RT: 8.052 min Scan# 80  
Delta R.T. 0.006 min  
Lab File: BP022936.D  
Acq: 08 Nov 2024 16:10

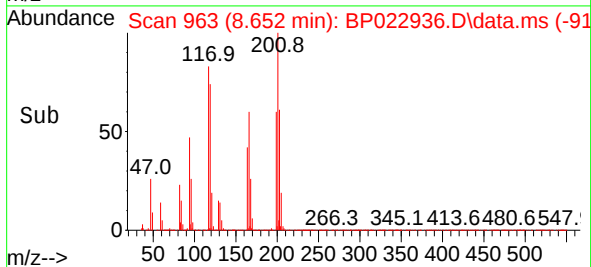
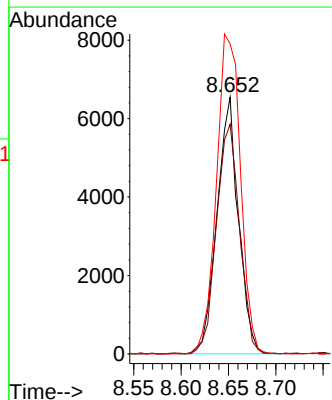
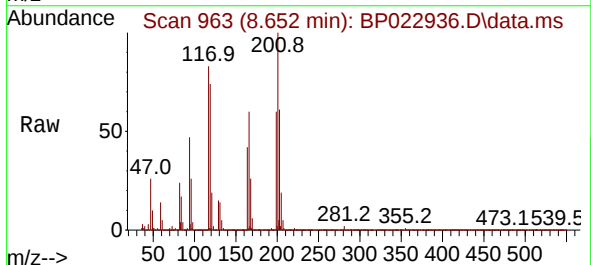
Instrument :  
BNA\_P  
ClientSampleId :

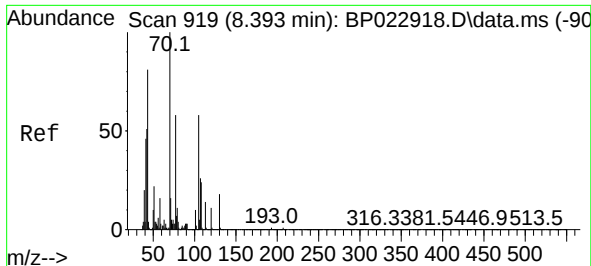
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 19703 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 108.9 | 83.7  | 125.5 |
| 77       | 57.9  | 45.0  | 67.4  |
| 79       | 60.1  | 45.4  | 68.2  |



#18  
Hexachloroethane  
Concen: 7.874 ng  
RT: 8.652 min Scan# 963  
Delta R.T. 0.006 min  
Lab File: BP022936.D  
Acq: 08 Nov 2024 16:10

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 10329 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 89.5  | 76.7  | 115.1 |
| 201      | 120.7 | 110.0 | 165.0 |

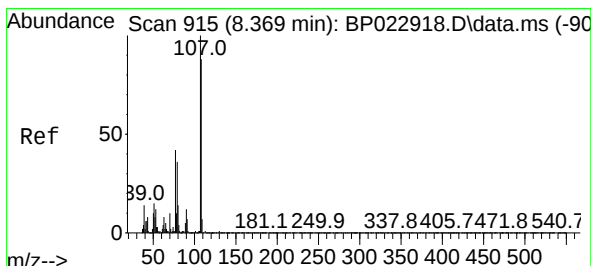
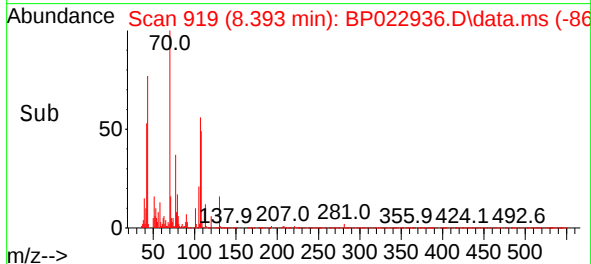
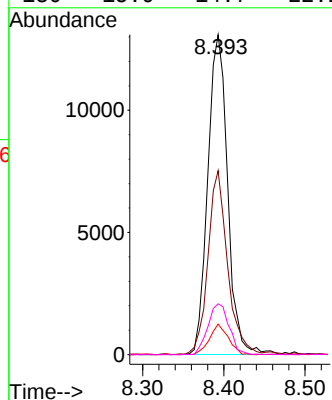
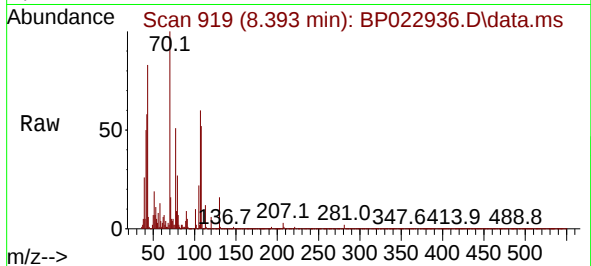




#19  
n-Nitroso-di-n-propylamine  
Concen: 8.961 ng  
RT: 8.393 min Scan# 919  
Delta R.T. 0.000 min  
Lab File: BP022936.D  
Acq: 08 Nov 2024 16:10

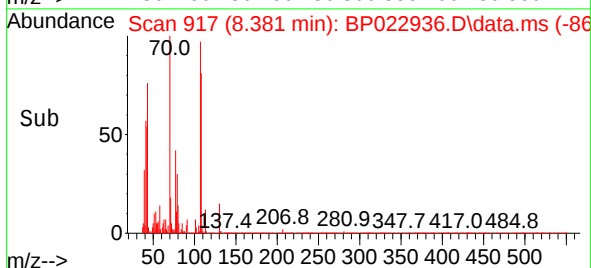
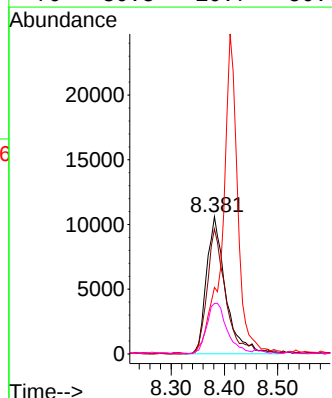
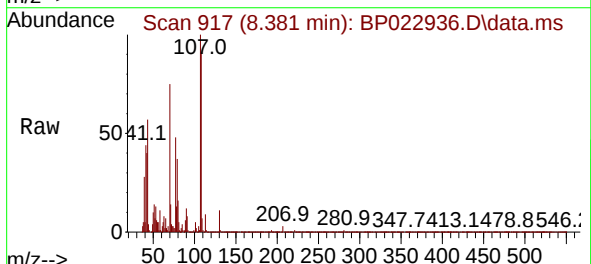
Instrument :  
BNA\_P  
ClientSampleId :

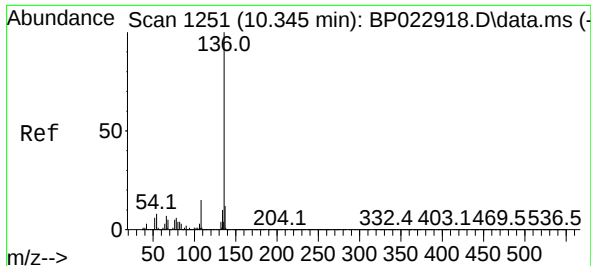
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 22204 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 57.5  | 41.0  | 61.6  |
| 101      | 9.6   | 7.8   | 11.6  |
| 130      | 15.9  | 14.7  | 22.1  |



#20  
3+4-Methylphenols  
Concen: 7.813 ng  
RT: 8.381 min Scan# 917  
Delta R.T. 0.012 min  
Lab File: BP022936.D  
Acq: 08 Nov 2024 16:10

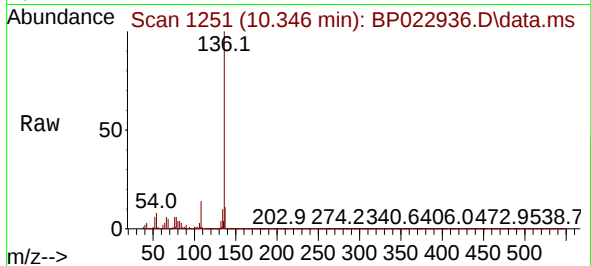
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 26573 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 91.0  | 67.6  | 107.6 |
| 77       | 48.4  | 22.6  | 62.6  |
| 79       | 36.8  | 16.7  | 56.7  |



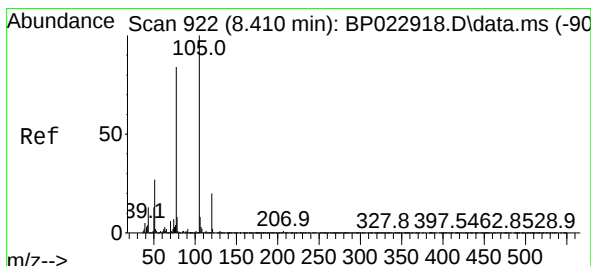
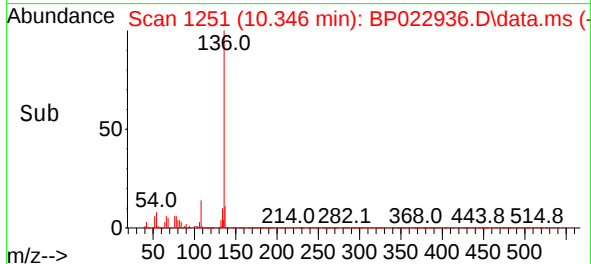
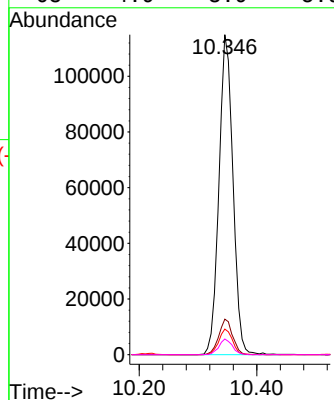


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.346 min Scan# 1251  
Delta R.T. 0.000 min  
Lab File: BP022936.D  
Acq: 08 Nov 2024 16:10

Instrument :  
BNA\_P  
ClientSampleId :

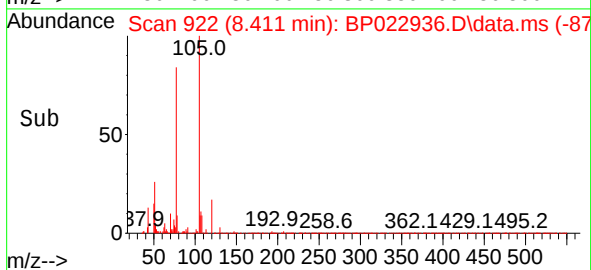
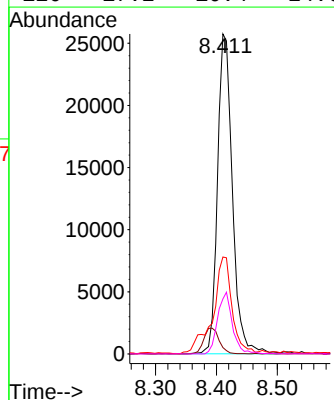
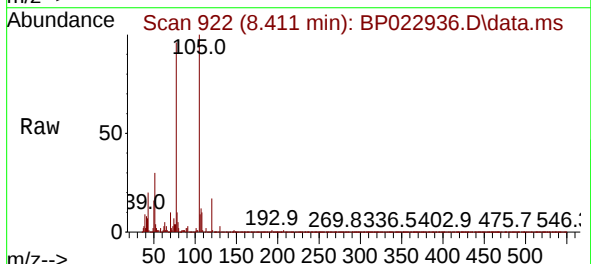


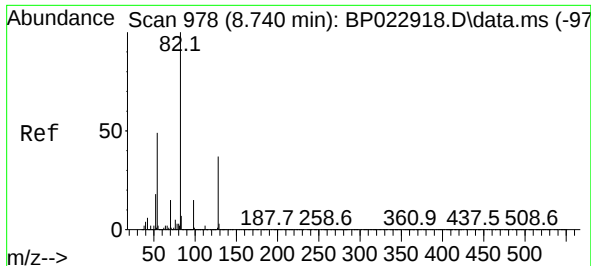
Tgt Ion:136 Resp: 190044  
Ion Ratio Lower Upper  
136 100  
137 11.1 9.4 14.0  
54 8.0 6.4 9.6  
68 4.9 3.9 5.9



#22  
Acetophenone  
Concen: 8.650 ng  
RT: 8.411 min Scan# 922  
Delta R.T. 0.000 min  
Lab File: BP022936.D  
Acq: 08 Nov 2024 16:10

Tgt Ion:105 Resp: 43756  
Ion Ratio Lower Upper  
105 100  
71 2.0 0.7 1.1#  
51 30.3 21.7 32.5  
120 17.2 16.4 24.6

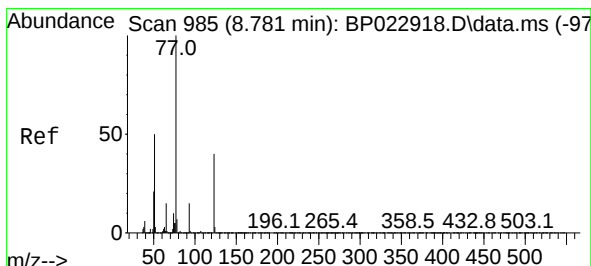
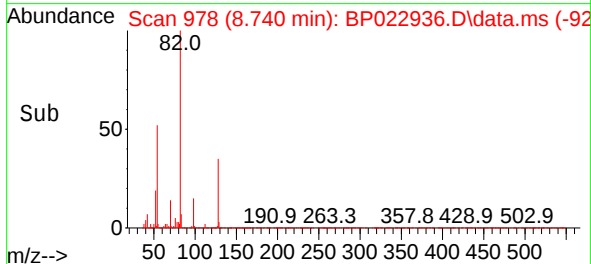
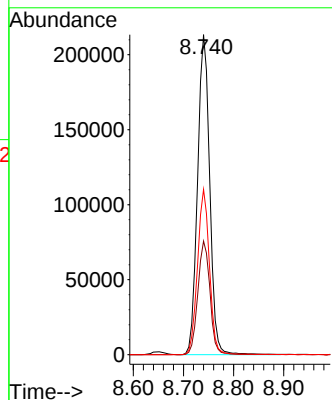
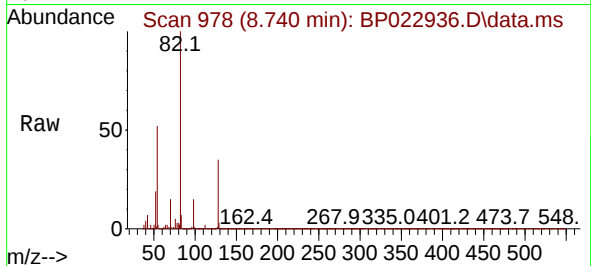




#23  
Nitrobenzene-d5  
Concen: 89.181 ng  
RT: 8.740 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BP022936.D  
Acq: 08 Nov 2024 16:10

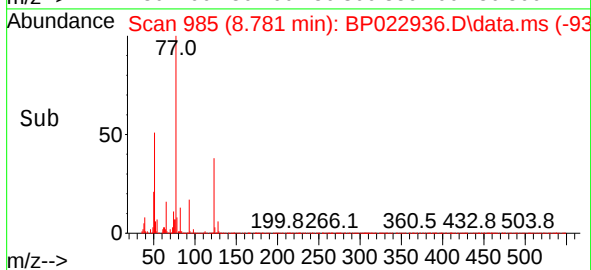
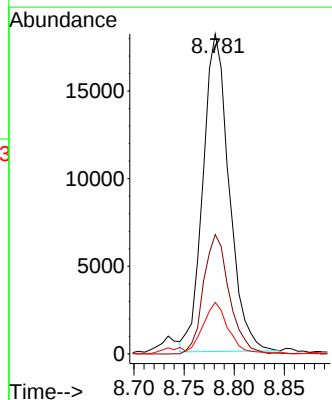
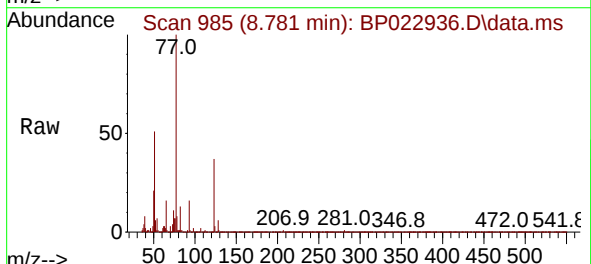
Instrument :  
BNA\_P  
ClientSampleId :

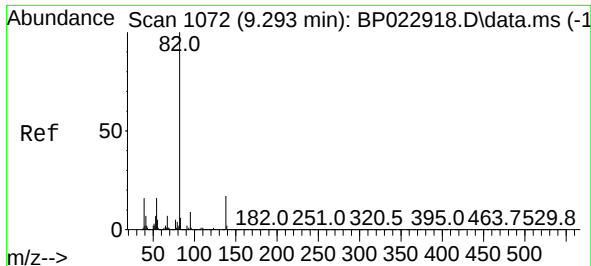
Tgt Ion: 82 Resp: 358742  
Ion Ratio Lower Upper  
82 100  
128 35.5 29.8 44.8  
54 51.6 39.0 58.4



#24  
Nitrobenzene  
Concen: 8.051 ng  
RT: 8.781 min Scan# 985  
Delta R.T. 0.000 min  
Lab File: BP022936.D  
Acq: 08 Nov 2024 16:10

Tgt Ion: 77 Resp: 32897  
Ion Ratio Lower Upper  
77 100  
123 37.3 32.2 48.4  
65 16.1 11.7 17.5

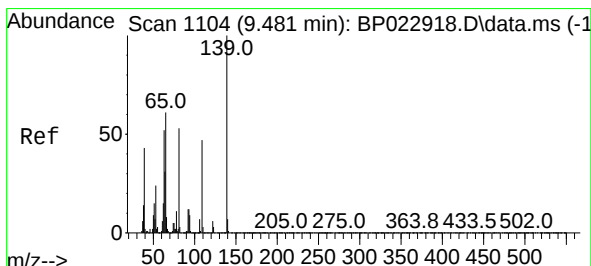
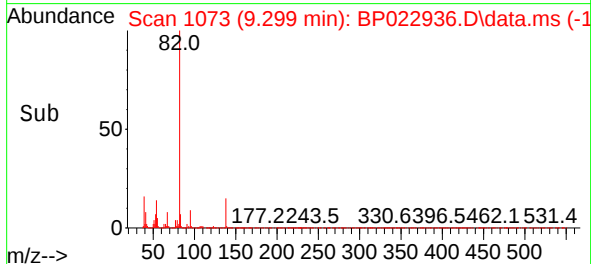
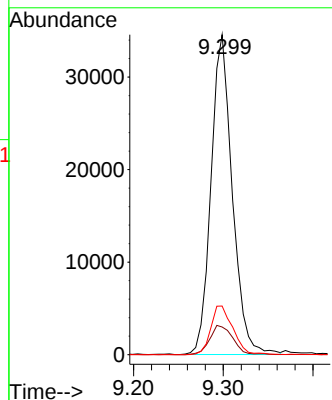
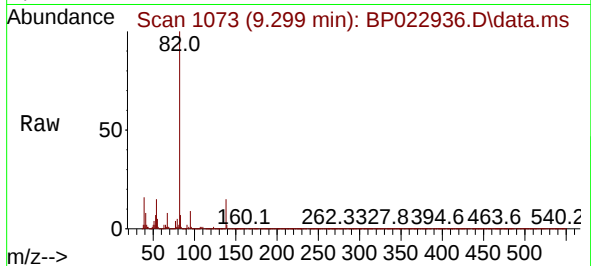




#25  
Isophorone  
Concen: 8.365 ng  
RT: 9.299 min Scan# 1072  
Delta R.T. 0.006 min  
Lab File: BP022936.D  
Acq: 08 Nov 2024 16:10

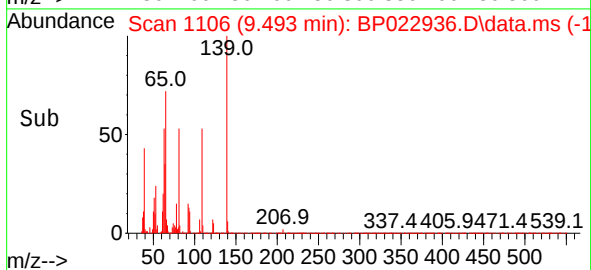
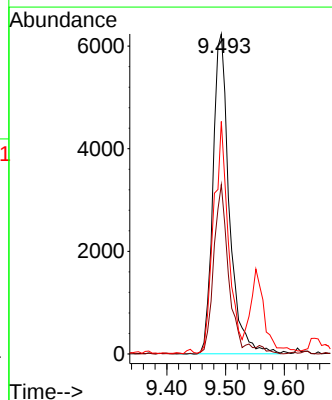
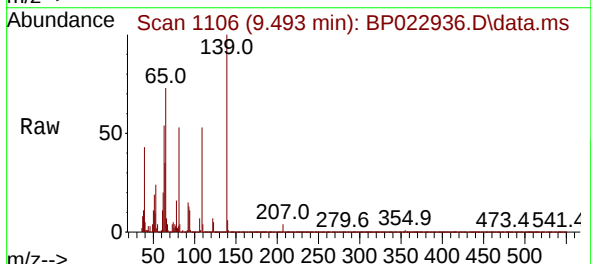
Instrument :  
BNA\_P  
ClientSampleId :

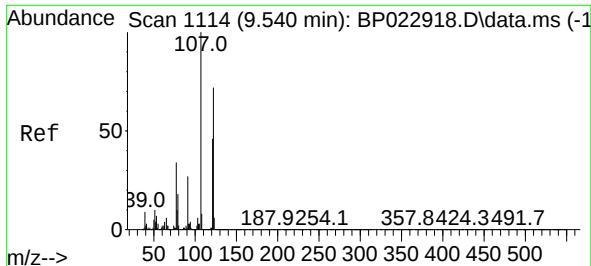
Tgt Ion: 82 Resp: 56953  
Ion Ratio Lower Upper  
82 100  
95 8.6 7.4 11.2  
138 15.2 13.7 20.5



#26  
2-Nitrophenol  
Concen: 7.174 ng  
RT: 9.493 min Scan# 1106  
Delta R.T. 0.012 min  
Lab File: BP022936.D  
Acq: 08 Nov 2024 16:10

Tgt Ion: 139 Resp: 12037  
Ion Ratio Lower Upper  
139 100  
109 52.9 37.8 56.8  
65 72.7 48.6 73.0





#27

2,4-Dimethylphenol

Concen: 8.343 ng

RT: 9.552 min Scan# 1116

Delta R.T. 0.012 min

Lab File: BP022936.D

Acq: 08 Nov 2024 16:10

Instrument :

BNA\_P

ClientSampleId :

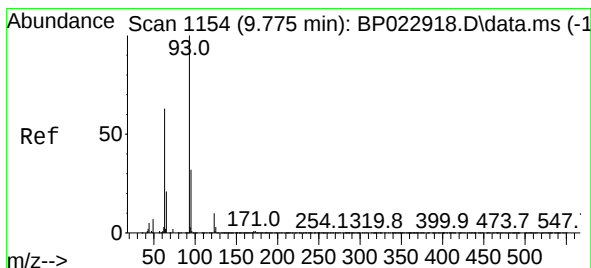
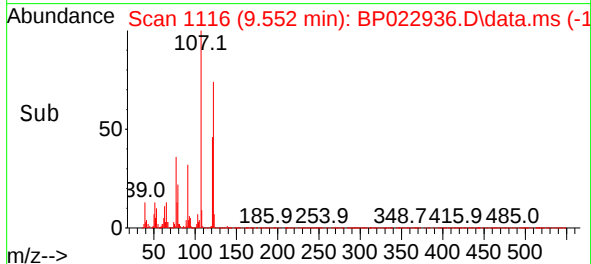
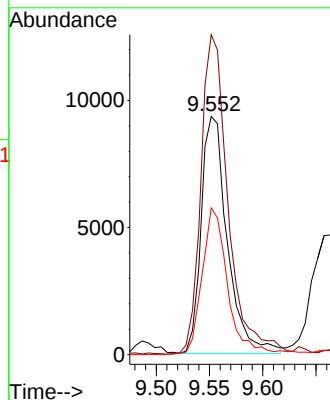
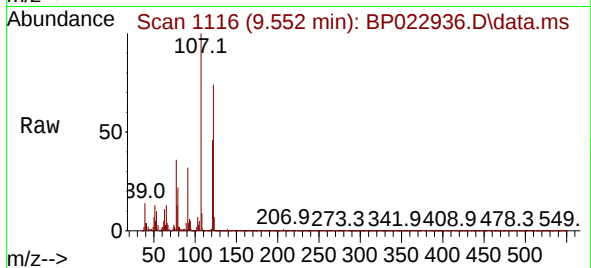
Tgt Ion:122 Resp: 15985

Ion Ratio Lower Upper

122 100

107 134.3 109.8 164.6

121 61.6 50.5 75.7



#28

bis(2-Chloroethoxy)methane

Concen: 8.245 ng

RT: 9.775 min Scan# 1154

Delta R.T. 0.000 min

Lab File: BP022936.D

Acq: 08 Nov 2024 16:10

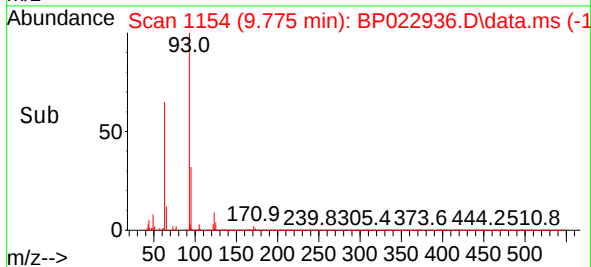
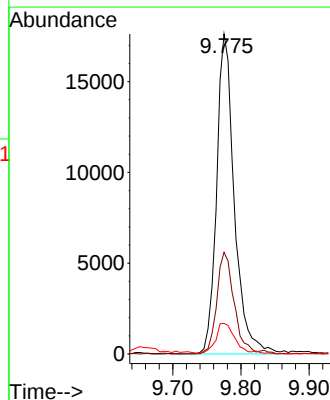
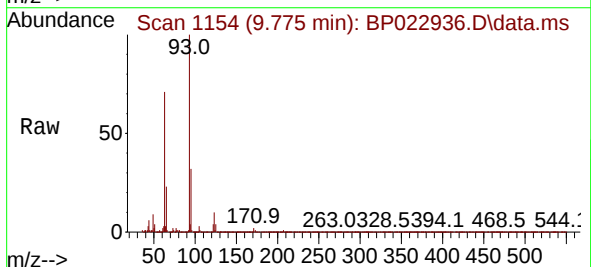
Tgt Ion: 93 Resp: 31885

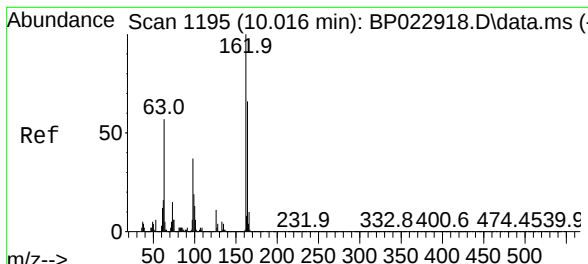
Ion Ratio Lower Upper

93 100

95 31.7 25.4 38.2

123 9.6 8.6 13.0

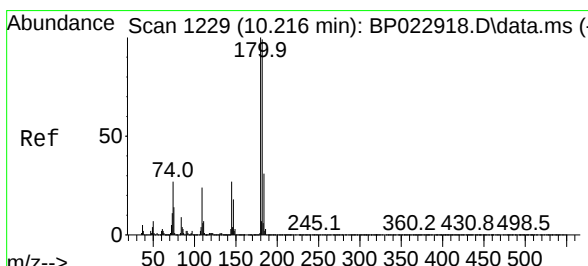
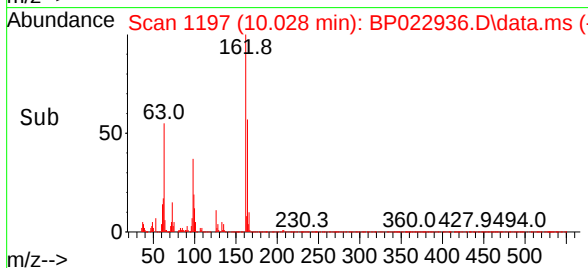
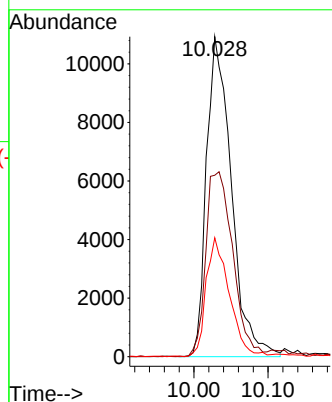
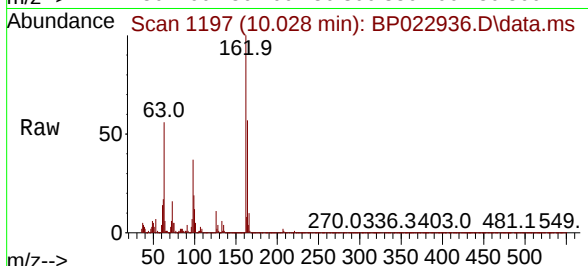




#29  
2,4-Dichlorophenol  
Concen: 7.684 ng  
RT: 10.028 min Scan# 1195  
Delta R.T. 0.012 min  
Lab File: BP022936.D  
Acq: 08 Nov 2024 16:10

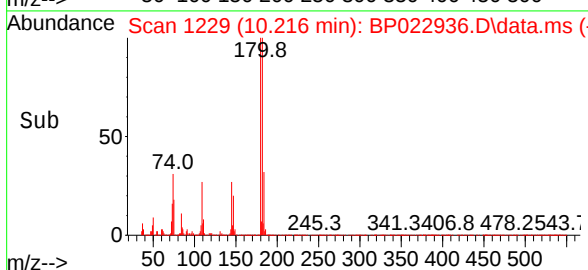
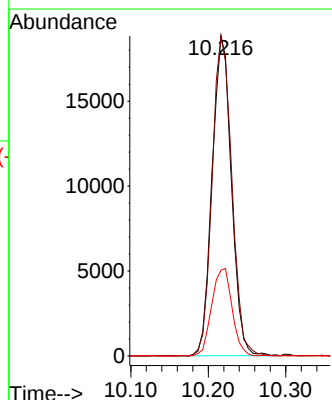
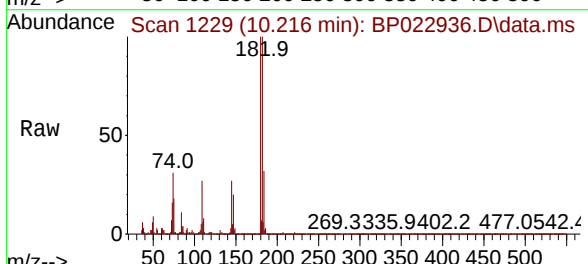
Instrument :  
BNA\_P  
ClientSampleId :

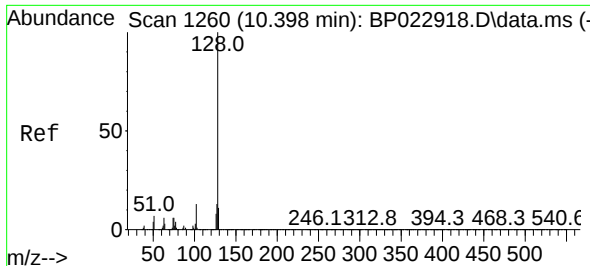
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 162   | Resp: | 25485 |
| Ion Ratio | Lower | Upper |       |
| 162       | 100   |       |       |
| 164       | 56.7  | 46.0  | 86.0  |
| 98        | 37.1  | 16.7  | 56.7  |



#30  
1,2,4-Trichlorobenzene  
Concen: 7.685 ng  
RT: 10.216 min Scan# 1229  
Delta R.T. 0.000 min  
Lab File: BP022936.D  
Acq: 08 Nov 2024 16:10

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 32582 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 100.0 | 79.4  | 119.2 |
| 145       | 26.8  | 21.6  | 32.4  |

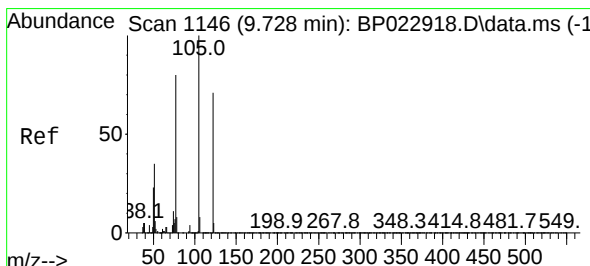
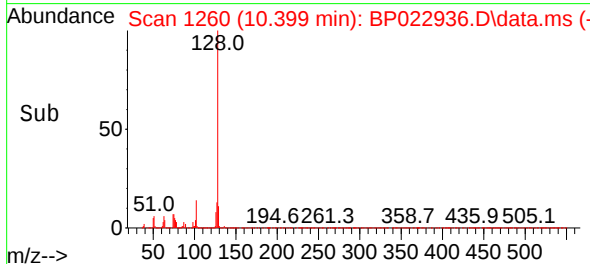
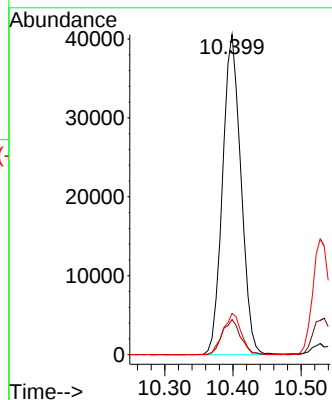
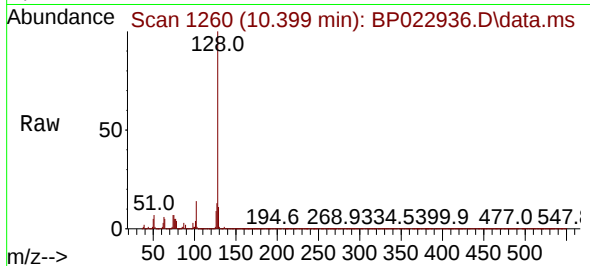




#31  
Naphthalene  
Concen: 7.992 ng  
RT: 10.399 min Scan# 11135  
Delta R.T. 0.000 min  
Lab File: BP022936.D  
Acq: 08 Nov 2024 16:10

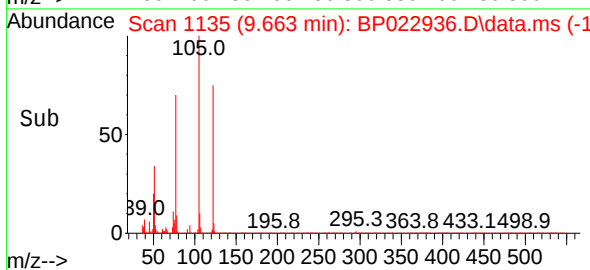
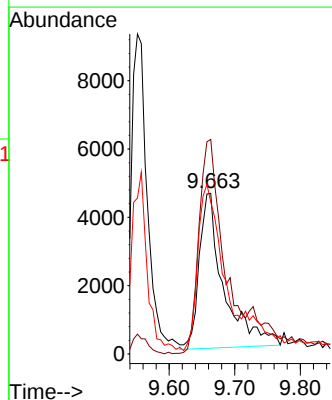
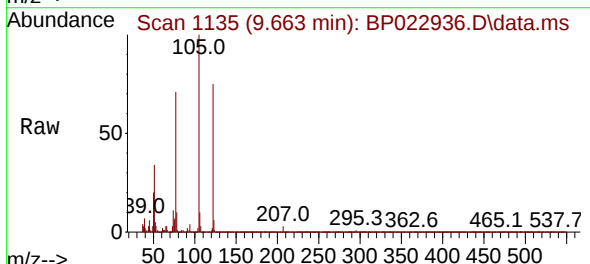
Instrument :  
BNA\_P  
ClientSampleId :

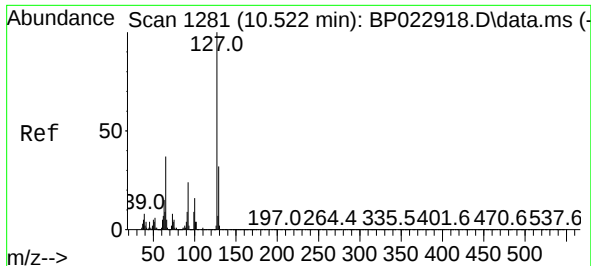
Tgt Ion:128 Resp: 76104  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.6 12.8  
127 12.9 10.6 16.0



#32  
Benzoic acid  
Concen: 5.157 ng  
RT: 9.663 min Scan# 1135  
Delta R.T. -0.064 min  
Lab File: BP022936.D  
Acq: 08 Nov 2024 16:10

Tgt Ion:122 Resp: 11864  
Ion Ratio Lower Upper  
122 100  
105 133.5 119.9 159.9  
77 94.5 92.2 132.2





#33

4-Chloroaniline

Concen: 8.803 ng

RT: 10.528 min Scan# 1281

Delta R.T. 0.006 min

Lab File: BP022936.D

Acq: 08 Nov 2024 16:10

Instrument :

BNA\_P

ClientSampleId :

Tgt Ion:127 Resp: 29836

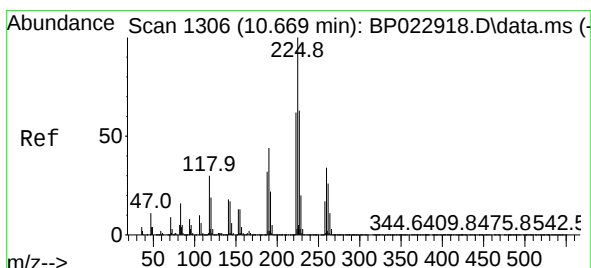
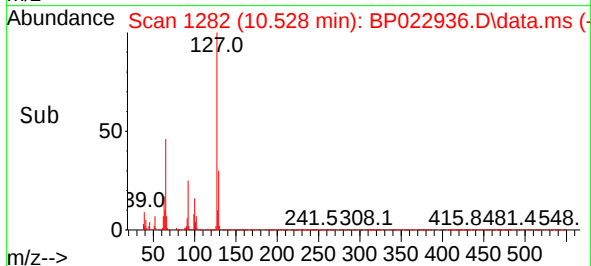
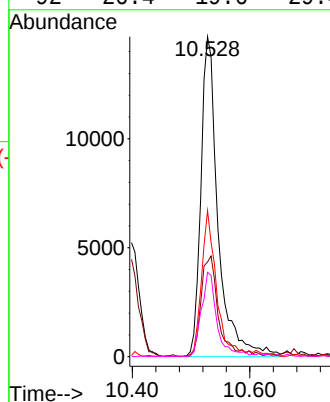
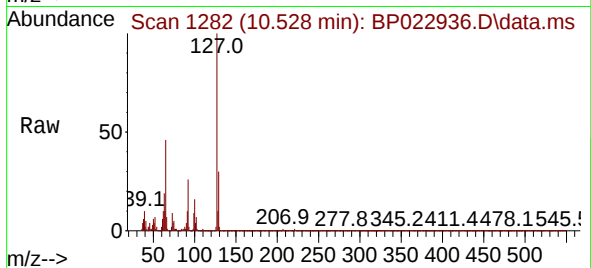
Ion Ratio Lower Upper

127 100

129 29.6 25.2 37.8

65 45.6 29.7 44.5#

92 26.4 19.6 29.4



#34

Hexachlorobutadiene

Concen: 7.576 ng

RT: 10.669 min Scan# 1306

Delta R.T. 0.000 min

Lab File: BP022936.D

Acq: 08 Nov 2024 16:10

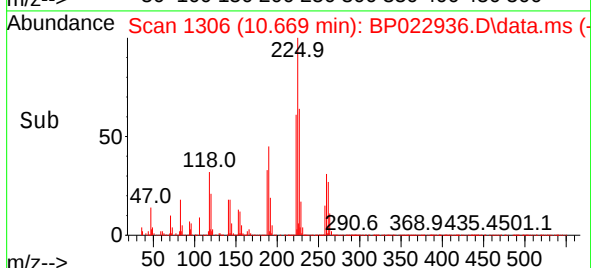
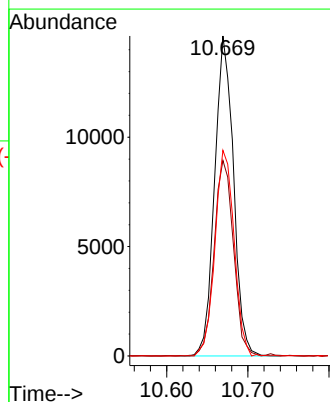
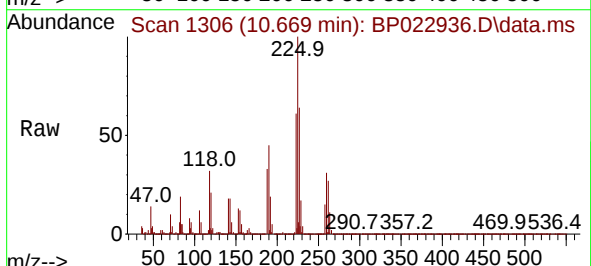
Tgt Ion:225 Resp: 23559

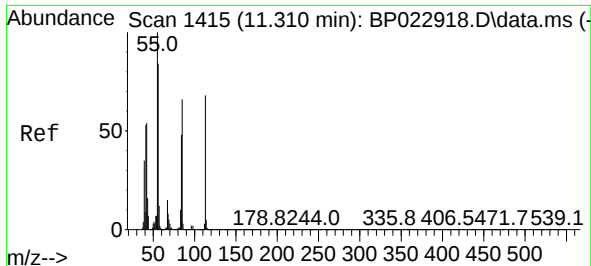
Ion Ratio Lower Upper

225 100

223 57.5 49.8 74.6

227 64.4 50.5 75.7





#35

Caprolactam

Concen: 7.398 ng

RT: 11.322 min Scan# 1415

Delta R.T. 0.012 min

Lab File: BP022936.D

Acq: 08 Nov 2024 16:10

Instrument :

BNA\_P

ClientSampleId :

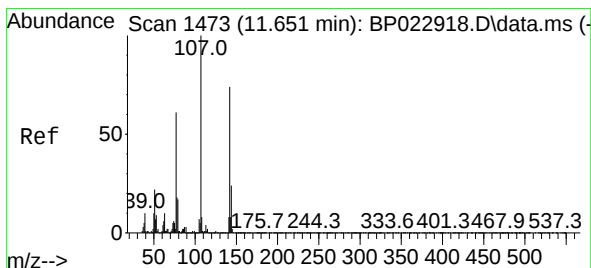
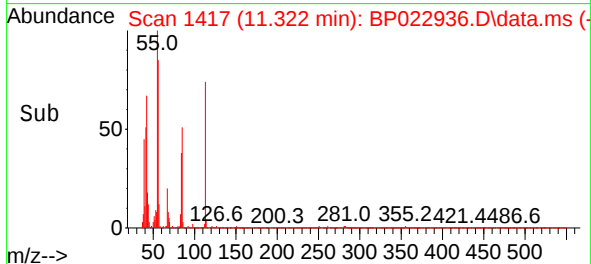
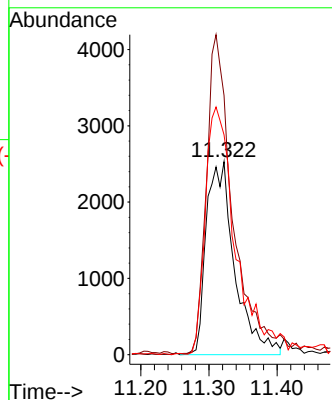
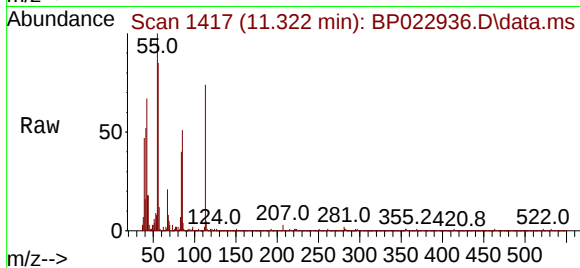
Tgt Ion:113 Resp: 7345

Ion Ratio Lower Upper

113 100

55 134.4 127.4 167.4

56 113.9 103.5 143.5



#36

4-Chloro-3-methylphenol

Concen: 7.417 ng

RT: 11.663 min Scan# 1475

Delta R.T. 0.012 min

Lab File: BP022936.D

Acq: 08 Nov 2024 16:10

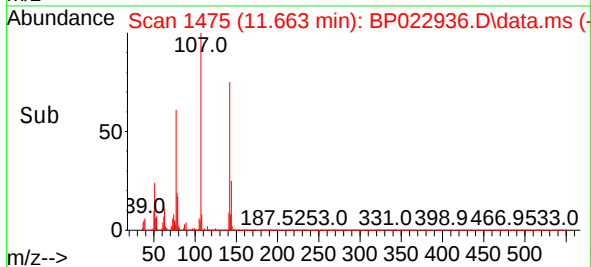
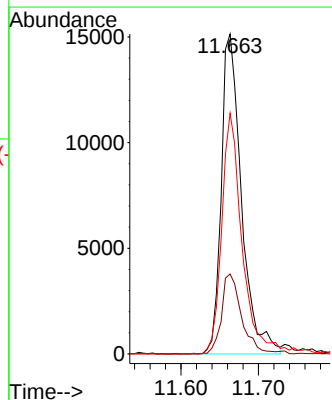
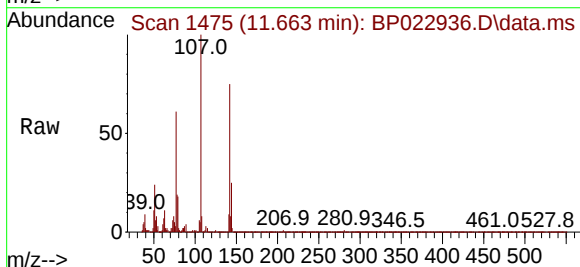
Tgt Ion:107 Resp: 27427

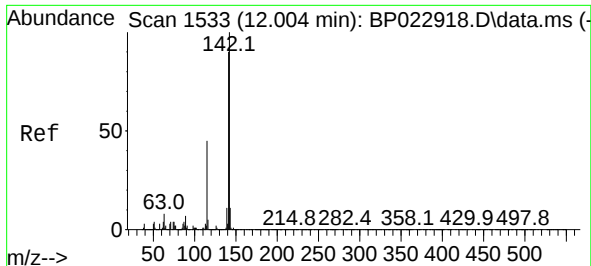
Ion Ratio Lower Upper

107 100

144 25.0 19.4 29.0

142 75.2 59.5 89.3

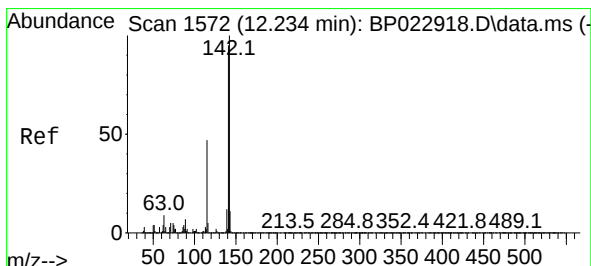
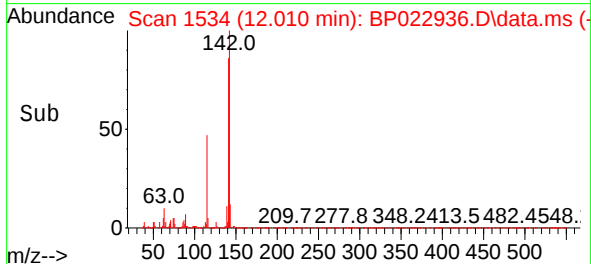
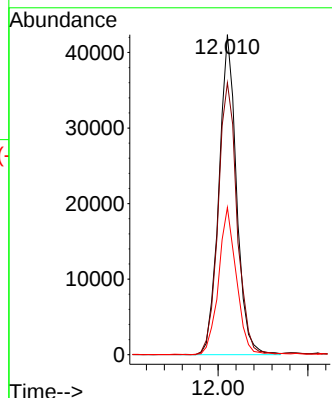
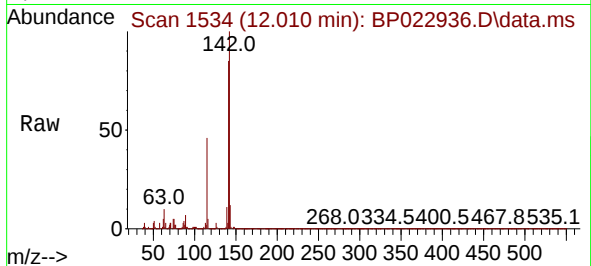




#37  
2-Methylnaphthalene  
Concen: 8.097 ng  
RT: 12.010 min Scan# 1534  
Delta R.T. 0.006 min  
Lab File: BP022936.D  
Acq: 08 Nov 2024 16:10

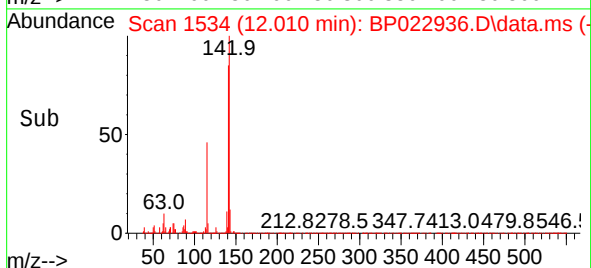
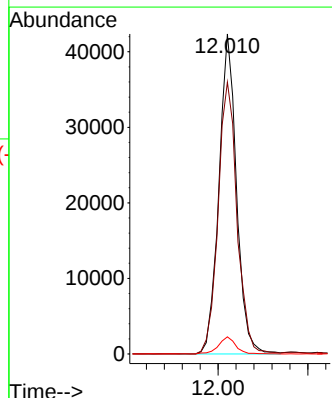
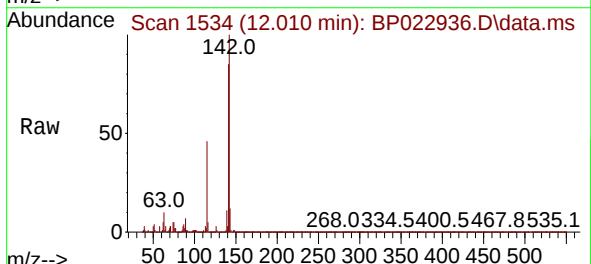
Instrument :  
BNA\_P  
ClientSampleId :

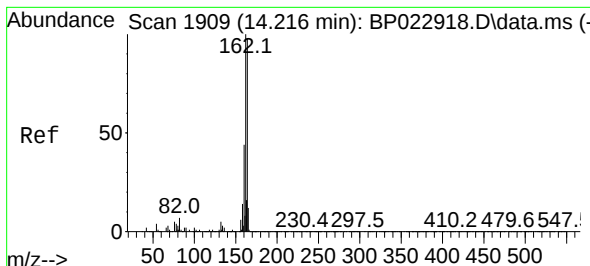
Tgt Ion:142 Resp: 57742  
Ion Ratio Lower Upper  
142 100  
141 85.0 72.2 108.4  
115 46.0 35.9 53.9



#38  
1-Methylnaphthalene  
Concen: 8.157 ng  
RT: 12.010 min Scan# 1534  
Delta R.T. -0.223 min  
Lab File: BP022936.D  
Acq: 08 Nov 2024 16:10

Tgt Ion:142 Resp: 57742  
Ion Ratio Lower Upper  
142 100  
141 85.0 75.8 113.8  
116 5.4 3.8 5.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.210 min Scan# 1909

Delta R.T. -0.006 min

Lab File: BP022936.D

Acq: 08 Nov 2024 16:10

Instrument :

BNA\_P

ClientSampleId :

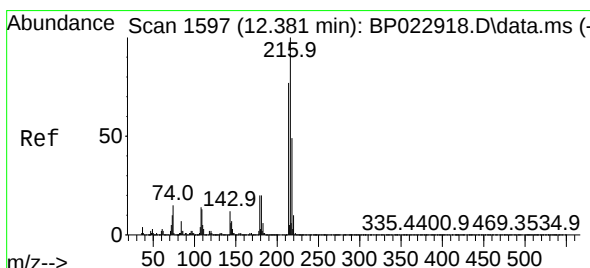
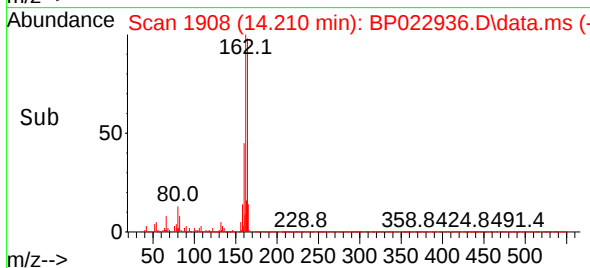
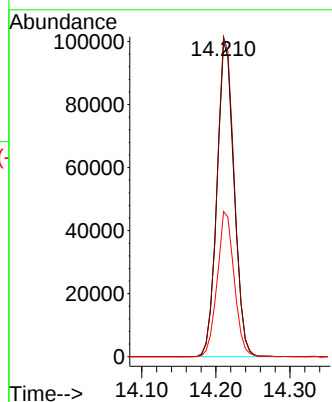
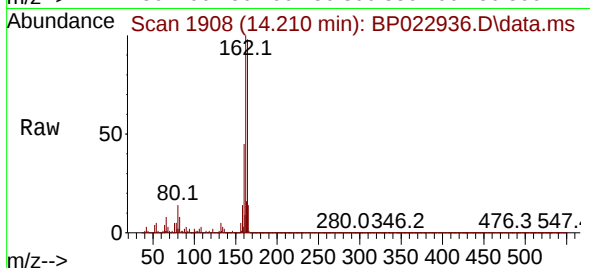
Tgt Ion:164 Resp: 159992

Ion Ratio Lower Upper

164 100

162 101.6 81.8 122.8

160 46.1 35.7 53.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 8.151 ng

RT: 12.387 min Scan# 1598

Delta R.T. 0.006 min

Lab File: BP022936.D

Acq: 08 Nov 2024 16:10

Tgt Ion:216 Resp: 44150

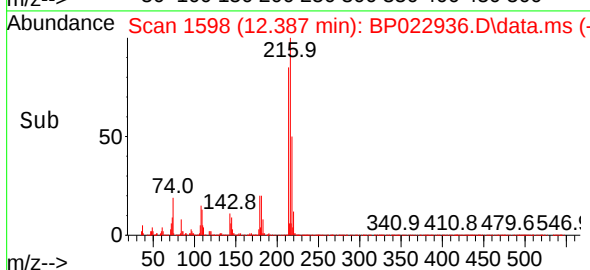
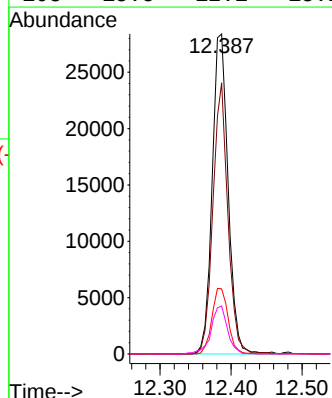
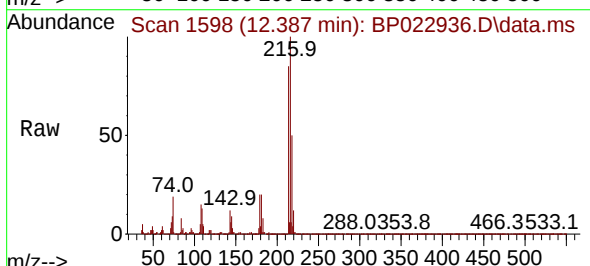
Ion Ratio Lower Upper

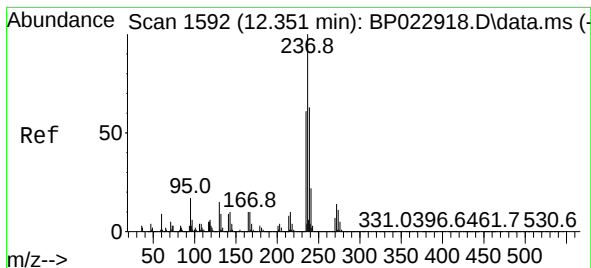
216 100

214 79.7 62.5 93.7

179 20.9 16.5 24.7

108 15.5 12.1 18.1

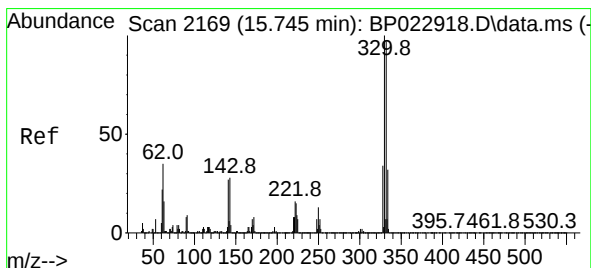
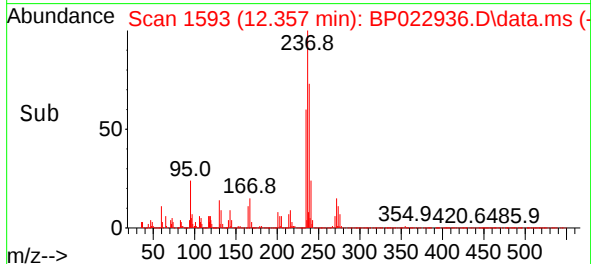
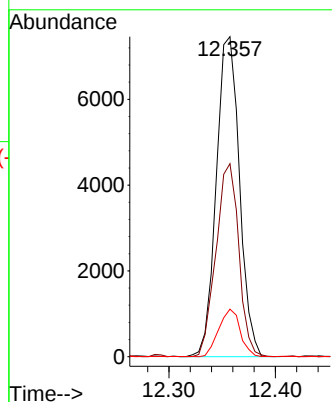
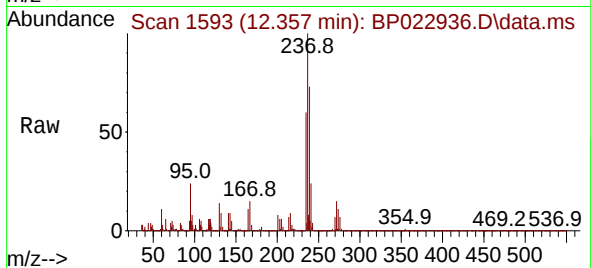




#41  
Hexachlorocyclopentadiene  
Concen: 7.404 ng  
RT: 12.357 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BP022936.D  
Acq: 08 Nov 2024 16:10

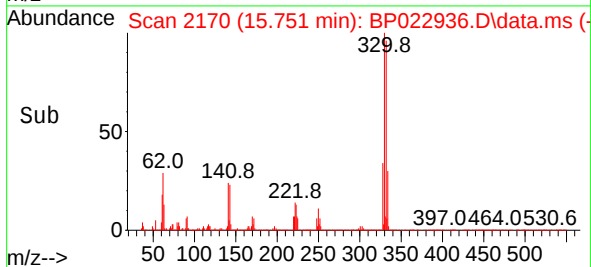
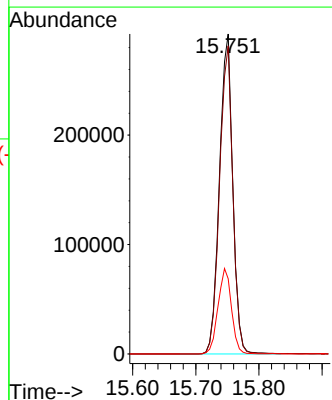
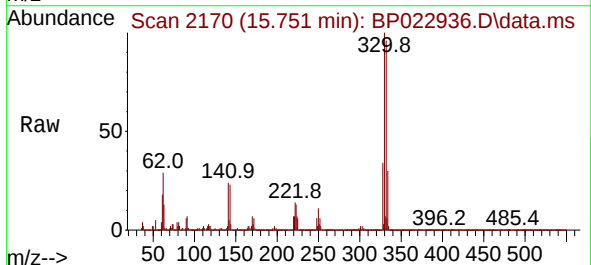
Instrument :  
BNA\_P  
ClientSampleId :

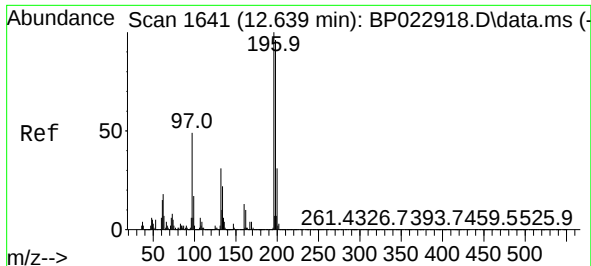
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 237     | 100   |       |       |
| 235     | 60.3  | 41.2  | 81.2  |
| 272     | 14.9  | 0.0   | 33.7  |



#42  
2,4,6-Tribromophenol  
Concen: 138.037 ng  
RT: 15.751 min Scan# 2170  
Delta R.T. 0.006 min  
Lab File: BP022936.D  
Acq: 08 Nov 2024 16:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.3  | 77.0  | 115.6 |
| 141     | 27.0  | 21.6  | 32.4  |

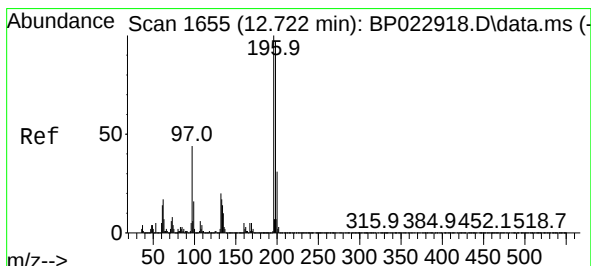
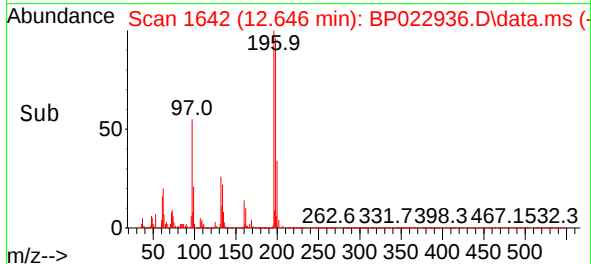
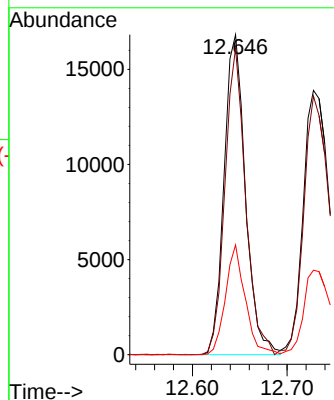
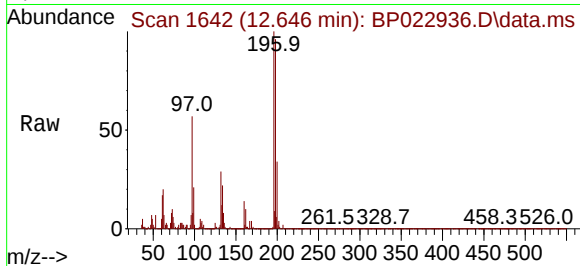




#43  
2,4,6-Trichlorophenol  
Concen: 7.655 ng  
RT: 12.646 min Scan# 1642  
Delta R.T. 0.006 min  
Lab File: BP022936.D  
Acq: 08 Nov 2024 16:10

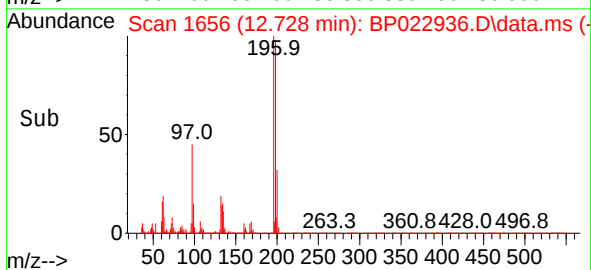
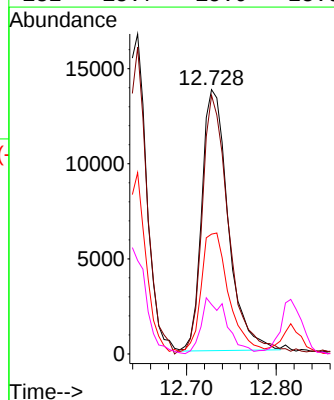
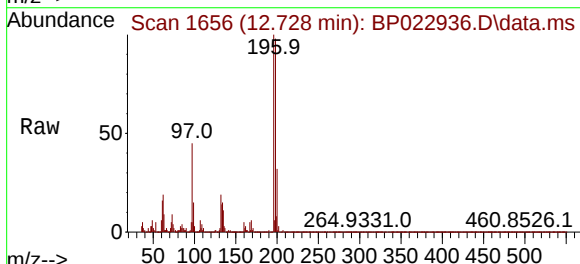
Instrument :  
BNA\_P  
ClientSampleId :

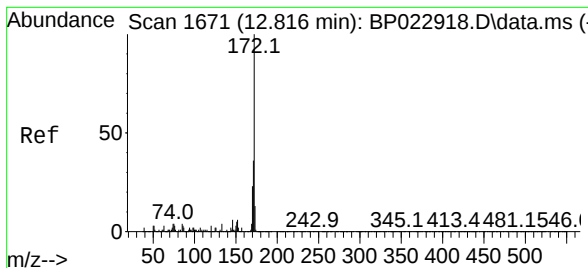
Tgt Ion:196 Resp: 26370  
Ion Ratio Lower Upper  
196 100  
198 95.8 76.5 114.7  
200 34.3 24.6 36.8



#44  
2,4,5-Trichlorophenol  
Concen: 7.144 ng  
RT: 12.728 min Scan# 1656  
Delta R.T. 0.006 min  
Lab File: BP022936.D  
Acq: 08 Nov 2024 16:10

Tgt Ion:196 Resp: 28015  
Ion Ratio Lower Upper  
196 100  
198 97.9 77.8 116.8  
97 45.4 35.2 52.8  
132 18.7 15.9 23.9





#45

2-Fluorobiphenyl

Concen: 87.365 ng

RT: 12.816 min Scan# 1671

Delta R.T. 0.000 min

Lab File: BP022936.D

Acq: 08 Nov 2024 16:10

Instrument :

BNA\_P

ClientSampleId :

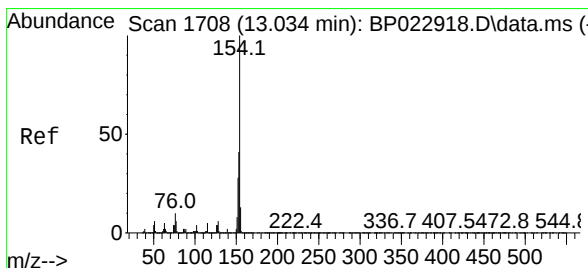
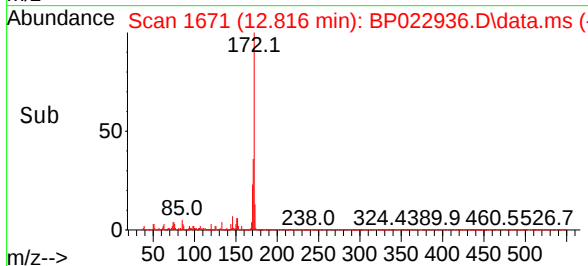
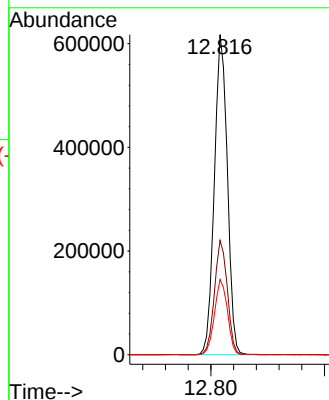
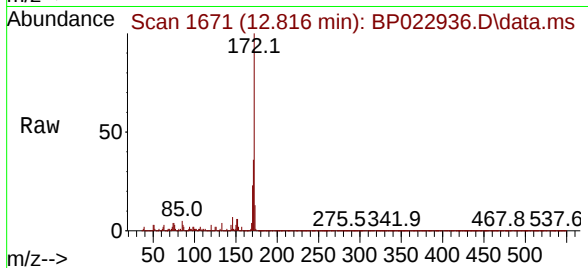
Tgt Ion:172 Resp: 978245

Ion Ratio Lower Upper

172 100

171 35.7 28.5 42.7

170 23.5 18.6 27.8



#46

1,1'-Biphenyl

Concen: 8.475 ng

RT: 13.034 min Scan# 1708

Delta R.T. 0.000 min

Lab File: BP022936.D

Acq: 08 Nov 2024 16:10

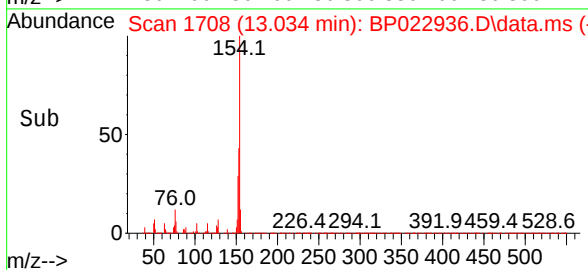
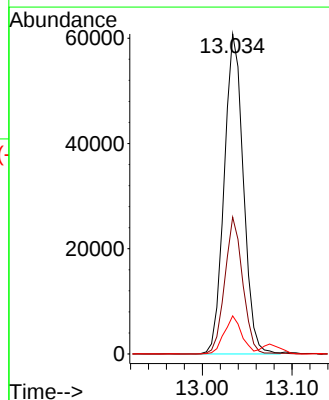
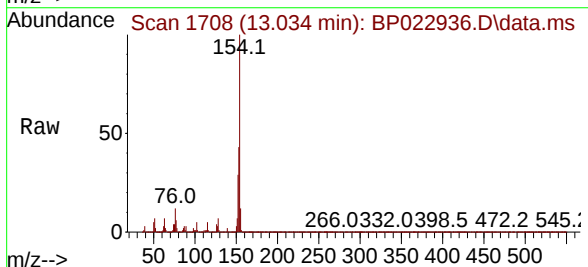
Tgt Ion:154 Resp: 90140

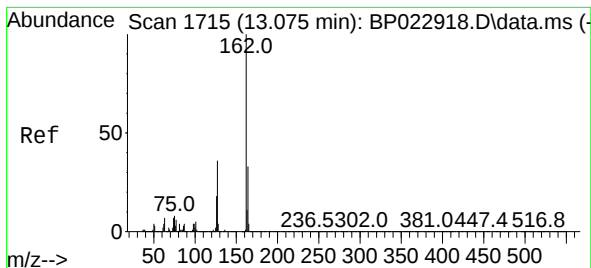
Ion Ratio Lower Upper

154 100

153 42.8 20.6 60.6

76 11.9 0.0 30.5

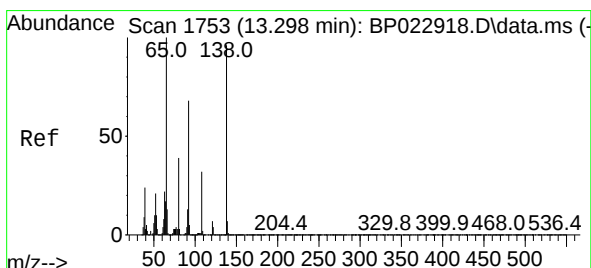
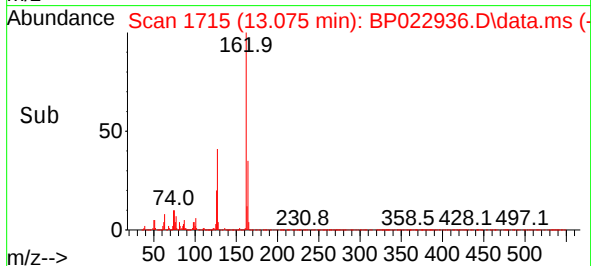
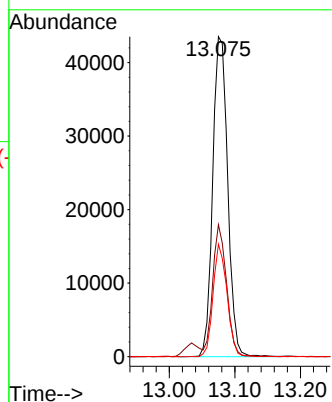
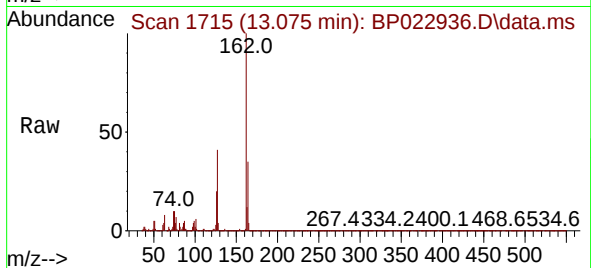




#47  
2-Chloronaphthalene  
Concen: 7.815 ng  
RT: 13.075 min Scan# 1715  
Delta R.T. 0.000 min  
Lab File: BP022936.D  
Acq: 08 Nov 2024 16:10

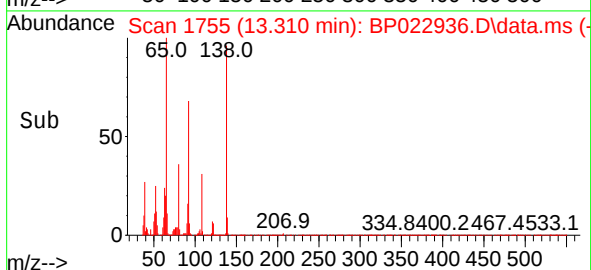
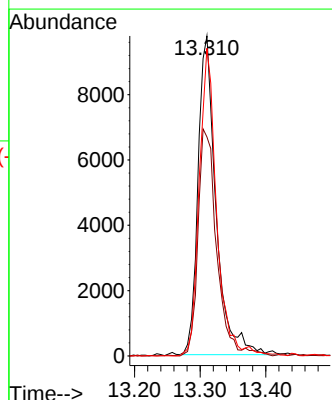
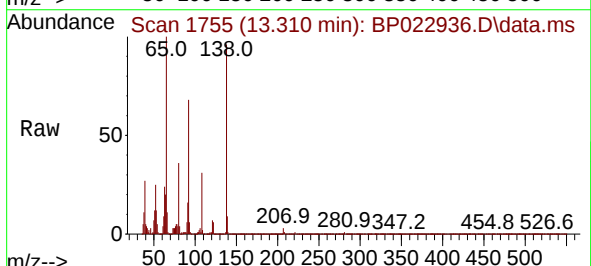
Instrument :  
BNA\_P  
ClientSampleId :

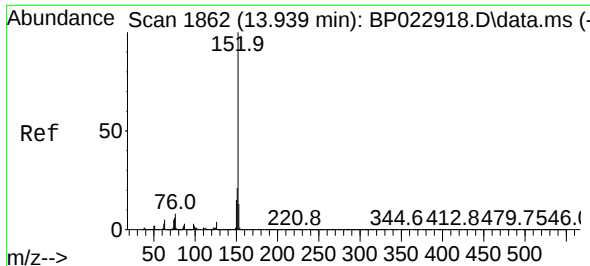
Tgt Ion:162 Resp: 68976  
Ion Ratio Lower Upper  
162 100  
127 41.3 28.6 43.0  
164 35.2 26.4 39.6



#48  
2-Nitroaniline  
Concen: 7.271 ng  
RT: 13.310 min Scan# 1755  
Delta R.T. 0.012 min  
Lab File: BP022936.D  
Acq: 08 Nov 2024 16:10

Tgt Ion: 65 Resp: 18697  
Ion Ratio Lower Upper  
65 100  
92 68.4 54.4 81.6  
138 96.1 76.5 114.7

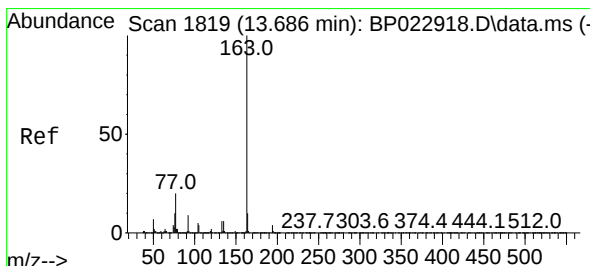
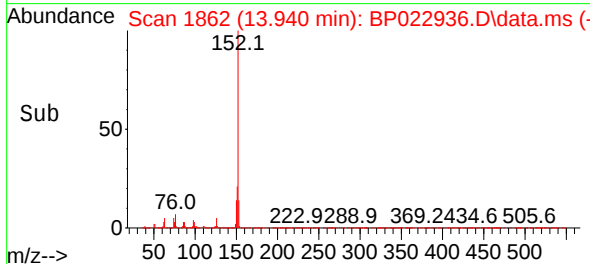
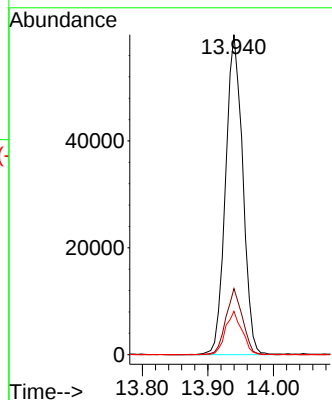
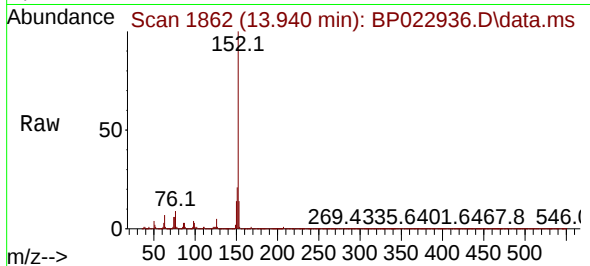




#49  
Acenaphthylene  
Concen: 8.815 ng  
RT: 13.940 min Scan# 1862  
Delta R.T. 0.000 min  
Lab File: BP022936.D  
Acq: 08 Nov 2024 16:10

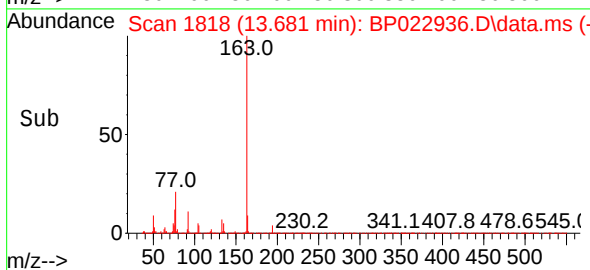
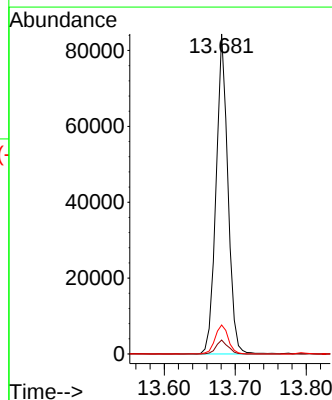
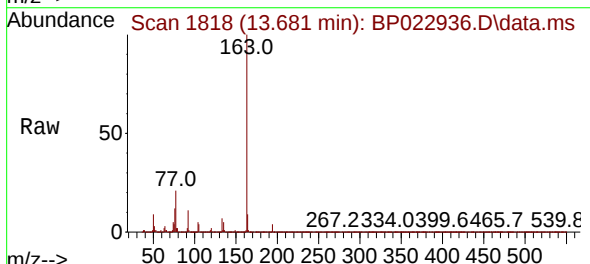
Instrument :  
BNA\_P  
ClientSampleId :

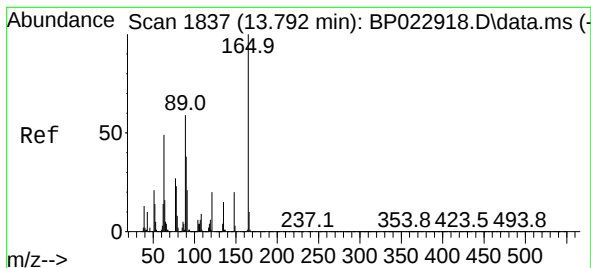
Tgt Ion:152 Resp: 108653  
Ion Ratio Lower Upper  
152 100  
151 20.6 16.8 25.2  
153 13.5 10.8 16.2



#50  
Dimethylphthalate  
Concen: 8.317 ng  
RT: 13.681 min Scan# 1818  
Delta R.T. -0.006 min  
Lab File: BP022936.D  
Acq: 08 Nov 2024 16:10

Tgt Ion:163 Resp: 97423  
Ion Ratio Lower Upper  
163 100  
194 4.4 3.5 5.3  
164 9.0 8.0 12.0

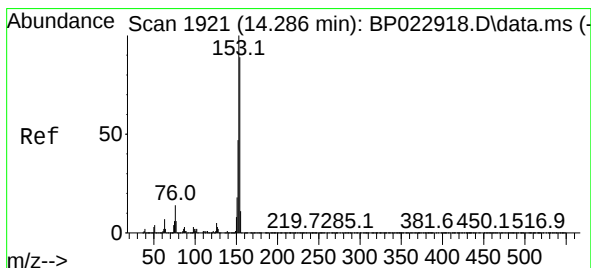
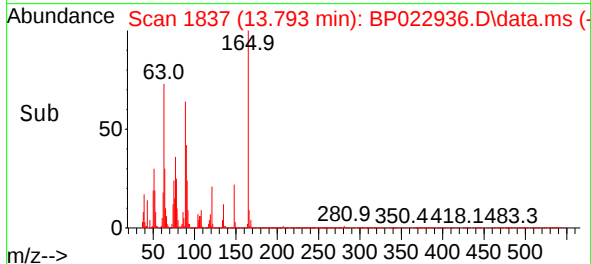
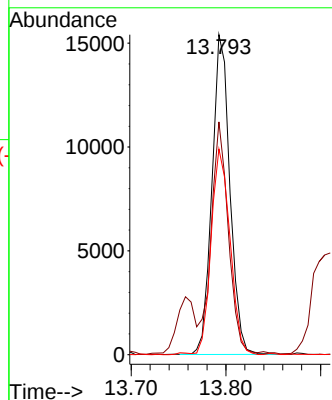
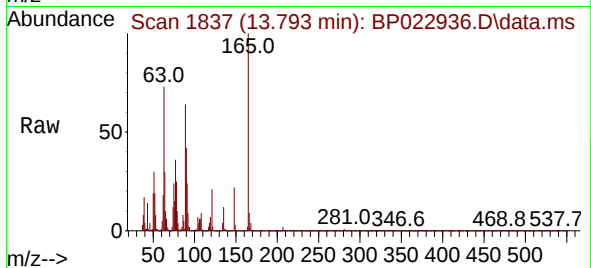




#51  
2,6-Dinitrotoluene  
Concen: 7.574 ng  
RT: 13.793 min Scan# 1837  
Delta R.T. 0.000 min  
Lab File: BP022936.D  
Acq: 08 Nov 2024 16:10

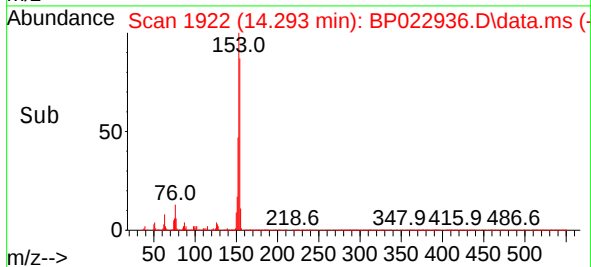
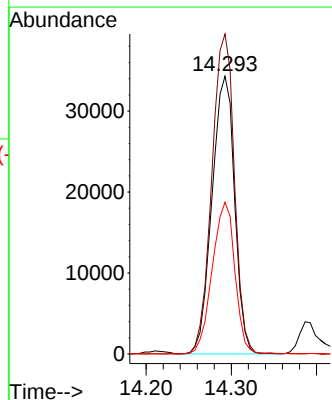
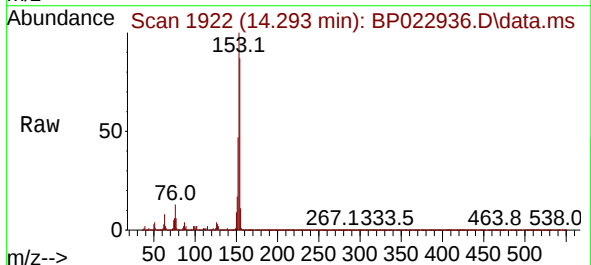
Instrument :  
BNA\_P  
ClientSampleId :

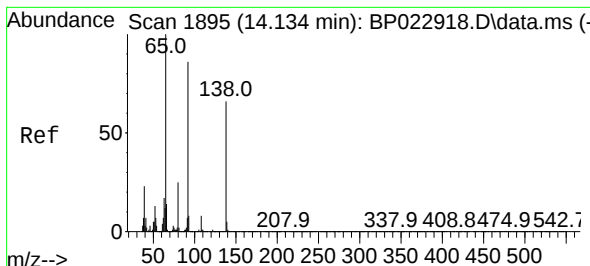
Tgt Ion:165 Resp: 20173  
Ion Ratio Lower Upper  
165 100  
63 72.7 45.1 67.7#  
89 64.3 46.9 70.3



#52  
Acenaphthene  
Concen: 7.963 ng  
RT: 14.293 min Scan# 1922  
Delta R.T. 0.007 min  
Lab File: BP022936.D  
Acq: 08 Nov 2024 16:10

Tgt Ion:154 Resp: 63115  
Ion Ratio Lower Upper  
154 100  
153 115.2 89.9 134.9  
152 54.6 42.1 63.1

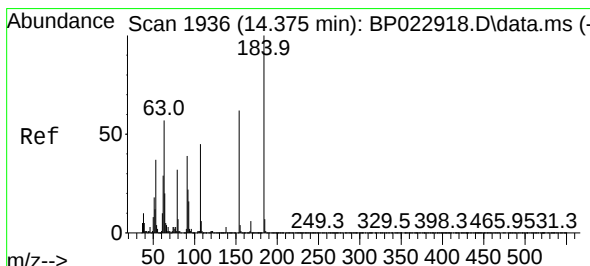
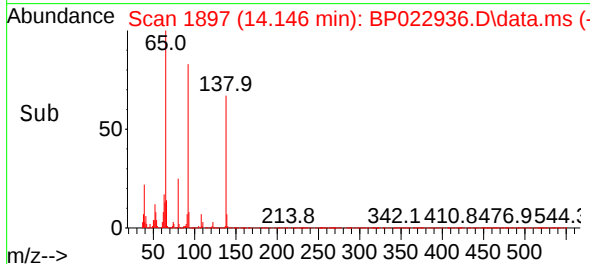
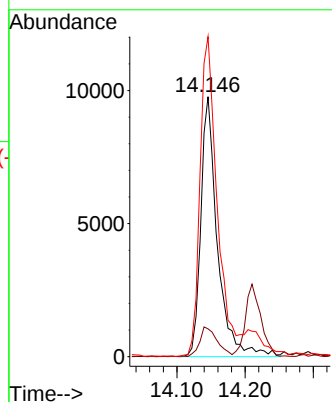
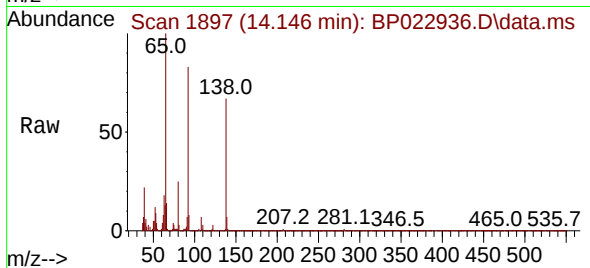




#53  
3-Nitroaniline  
Concen: 7.626 ng  
RT: 14.146 min Scan# 1897  
Delta R.T. 0.012 min  
Lab File: BP022936.D  
Acq: 08 Nov 2024 16:10

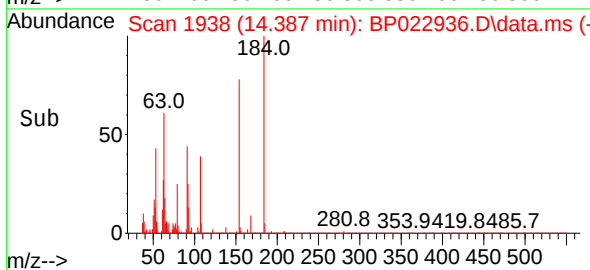
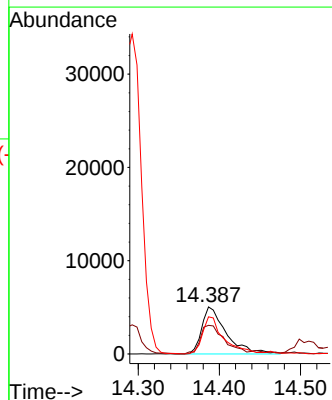
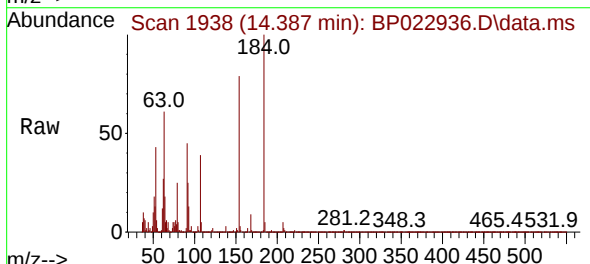
Instrument :  
BNA\_P  
ClientSampleId :

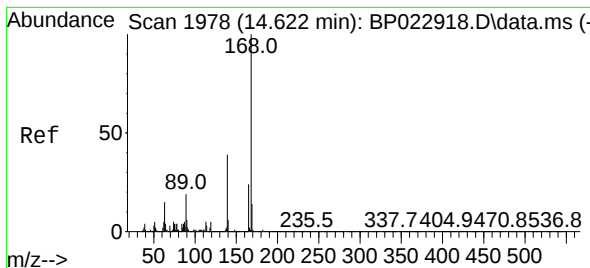
Tgt Ion:138 Resp: 16503  
Ion Ratio Lower Upper  
138 100  
108 10.7 10.2 15.2  
92 123.1 104.2 156.2



#54  
2,4-Dinitrophenol  
Concen: 6.375 ng  
RT: 14.387 min Scan# 1938  
Delta R.T. 0.012 min  
Lab File: BP022936.D  
Acq: 08 Nov 2024 16:10

Tgt Ion:184 Resp: 10536  
Ion Ratio Lower Upper  
184 100  
63 60.9 46.3 69.5  
154 78.8 56.6 85.0





#55

Dibenzofuran

Concen: 8.458 ng

RT: 14.628 min Scan# 1978

Delta R.T. 0.006 min

Lab File: BP022936.D

Acq: 08 Nov 2024 16:10

Instrument :

BNA\_P

ClientSampleId :

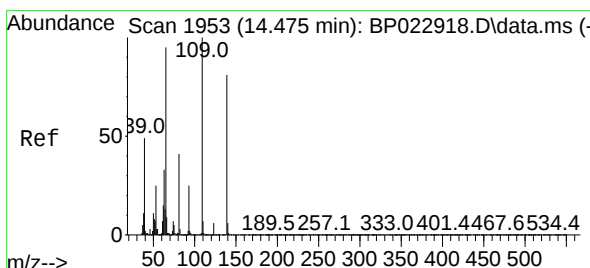
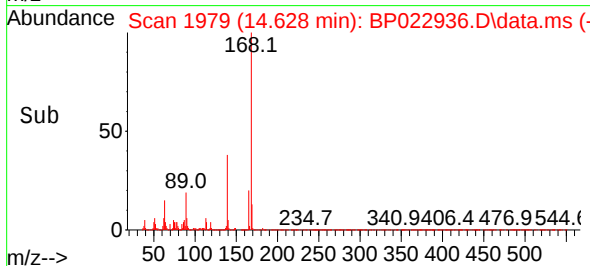
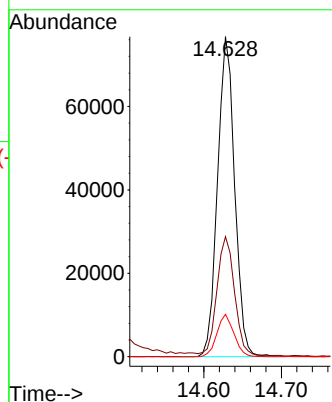
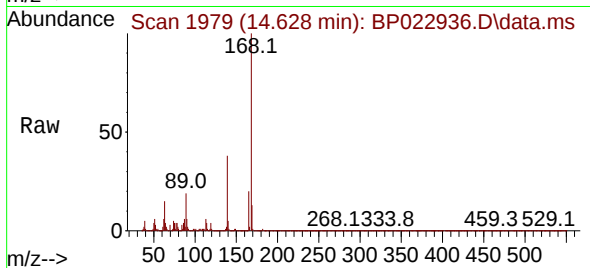
Tgt Ion:168 Resp: 117734

Ion Ratio Lower Upper

168 100

139 37.5 31.1 46.7

169 13.3 11.0 16.6



#56

4-Nitrophenol

Concen: 5.778 ng

RT: 14.504 min Scan# 1958

Delta R.T. 0.030 min

Lab File: BP022936.D

Acq: 08 Nov 2024 16:10

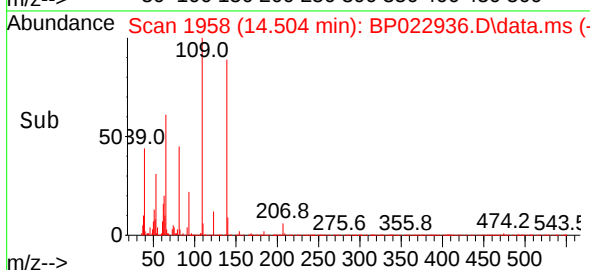
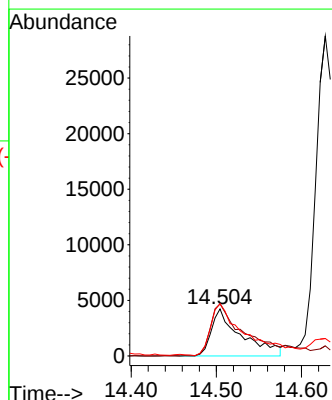
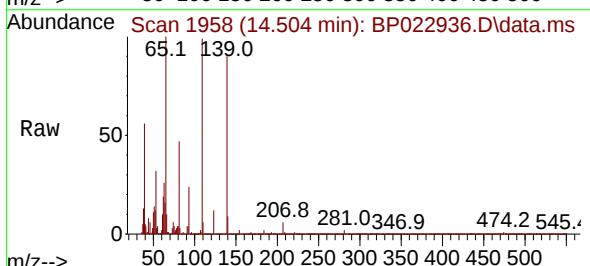
Tgt Ion:139 Resp: 10284

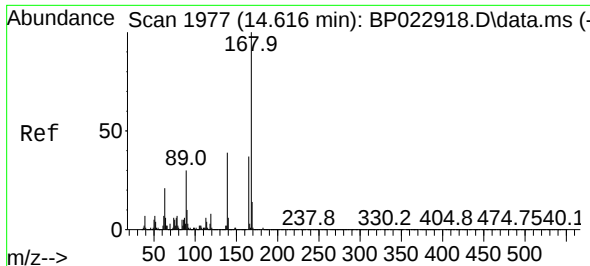
Ion Ratio Lower Upper

139 100

109 110.7 103.1 143.1

65 111.4 96.9 136.9

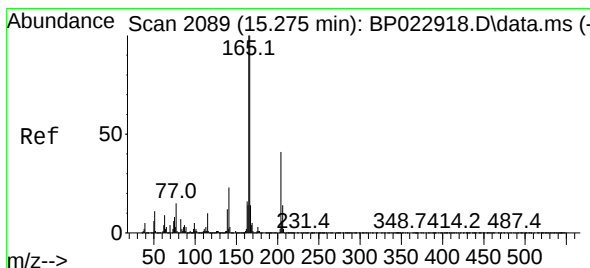
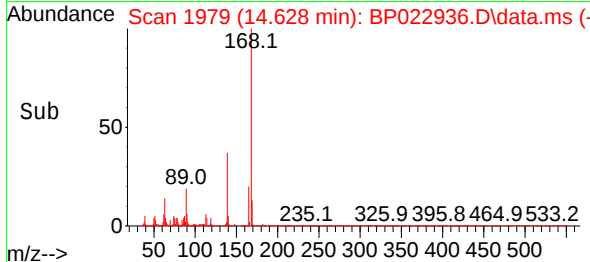
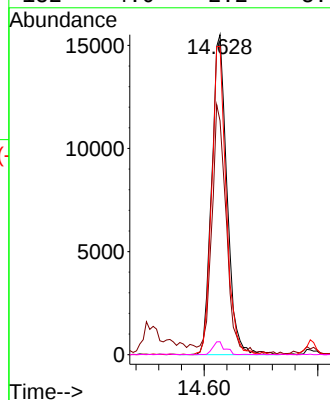
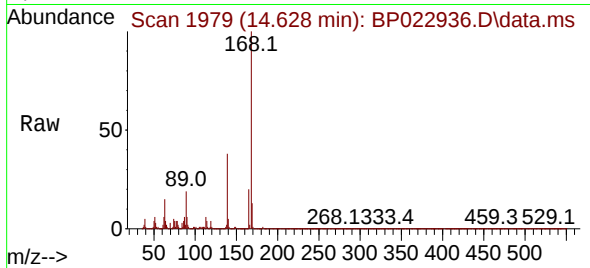




#57  
2,4-Dinitrotoluene  
Concen: 7.509 ng  
RT: 14.628 min Scan# 1977  
Delta R.T. 0.012 min  
Lab File: BP022936.D  
Acq: 08 Nov 2024 16:10

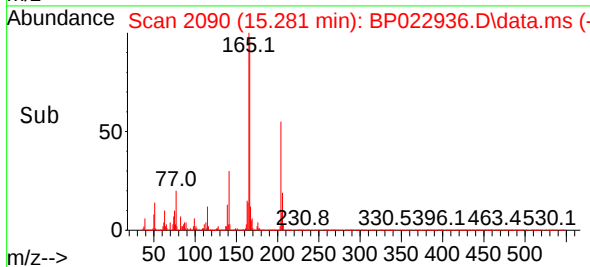
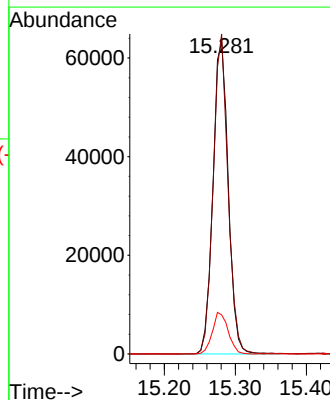
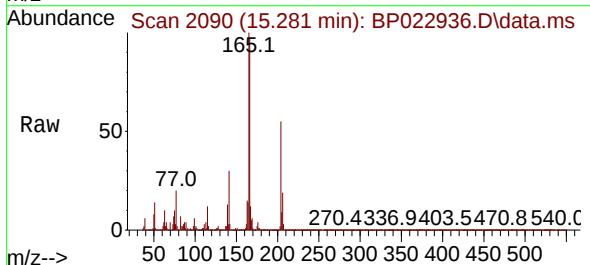
Instrument :  
BNA\_P  
ClientSampleId :

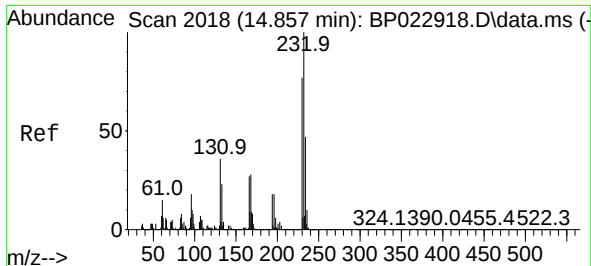
Tgt Ion:165 Resp: 28912  
Ion Ratio Lower Upper  
165 100  
63 73.1 46.5 69.7#  
89 96.3 64.0 96.0#  
182 4.0 2.2 3.4#



#58  
Fluorene  
Concen: 8.224 ng  
RT: 15.281 min Scan# 2090  
Delta R.T. 0.006 min  
Lab File: BP022936.D  
Acq: 08 Nov 2024 16:10

Tgt Ion:166 Resp: 95109  
Ion Ratio Lower Upper  
166 100  
165 102.6 80.1 120.1  
167 12.5 11.1 16.7





#59

2,3,4,6-Tetrachlorophenol

Concen: 8.051 ng

RT: 14.863 min Scan# 2018

Delta R.T. 0.006 min

Lab File: BP022936.D

Acq: 08 Nov 2024 16:10

Instrument :

BNA\_P

ClientSampleId :

Tgt Ion:232 Resp: 30451

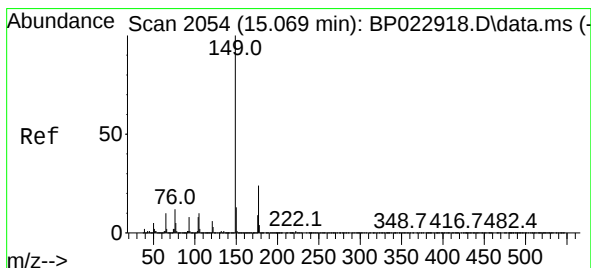
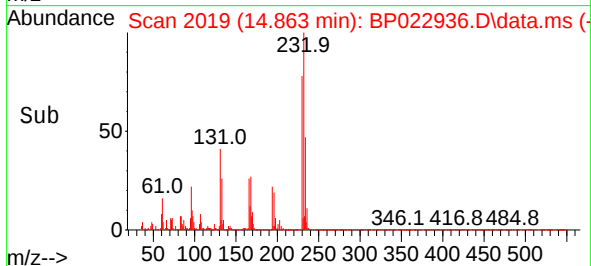
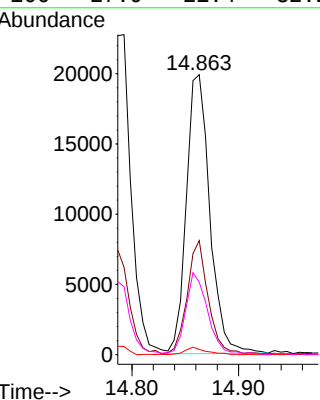
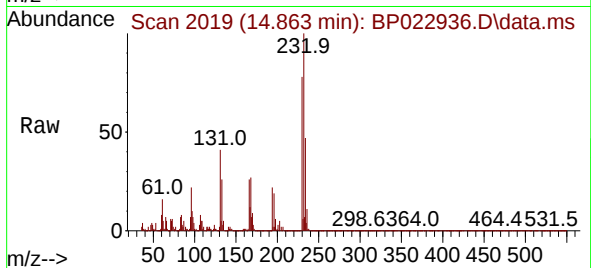
Ion Ratio Lower Upper

232 100

131 36.3 28.2 42.2

130 2.5 1.7 2.5

166 27.9 21.4 32.2



#60

Diethylphthalate

Concen: 8.170 ng

RT: 15.063 min Scan# 2053

Delta R.T. -0.006 min

Lab File: BP022936.D

Acq: 08 Nov 2024 16:10

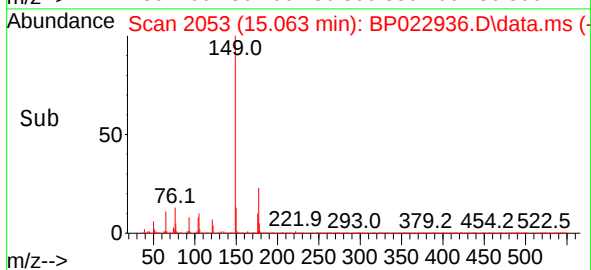
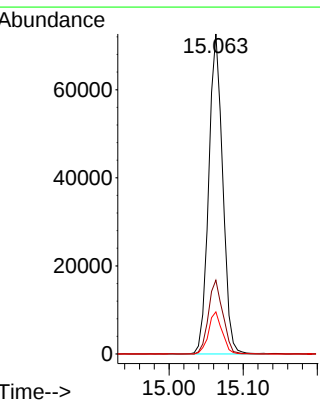
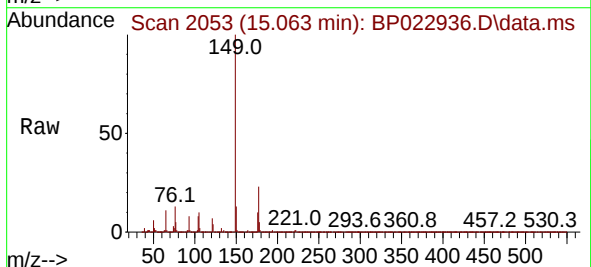
Tgt Ion:149 Resp: 95181

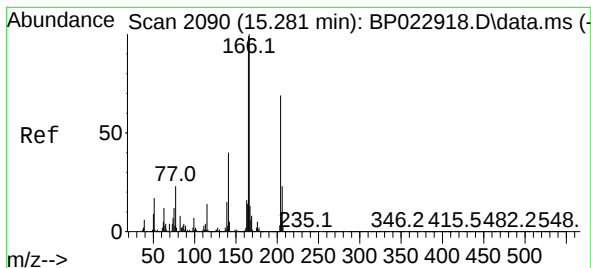
Ion Ratio Lower Upper

149 100

177 23.0 18.9 28.3

150 13.1 10.3 15.5

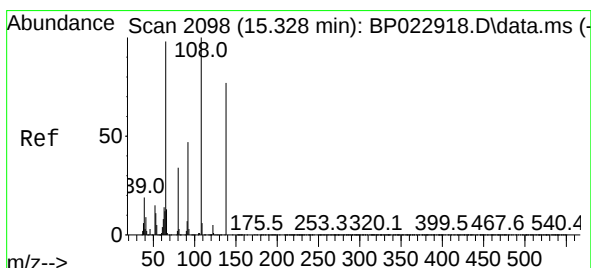
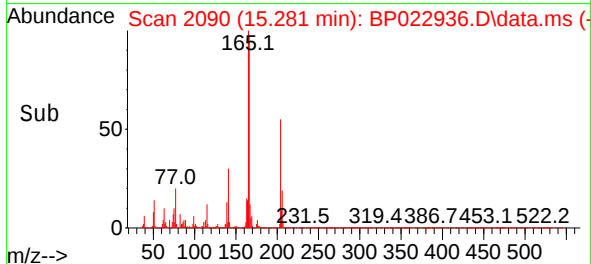
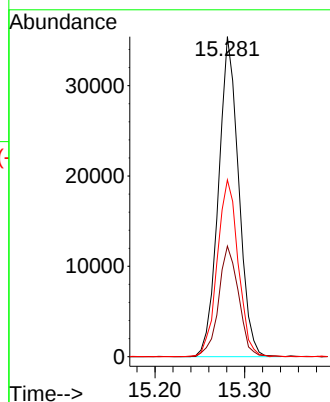
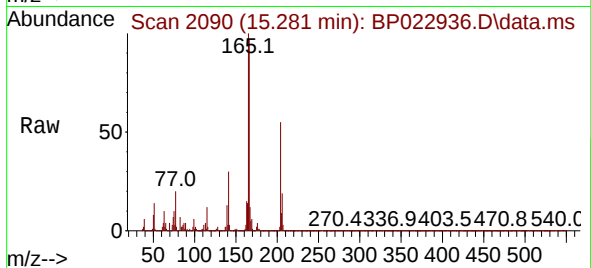




#61  
4-Chlorophenyl-phenylether  
Concen: 8.127 ng  
RT: 15.281 min Scan# 2090  
Delta R.T. 0.000 min  
Lab File: BP022936.D  
Acq: 08 Nov 2024 16:10

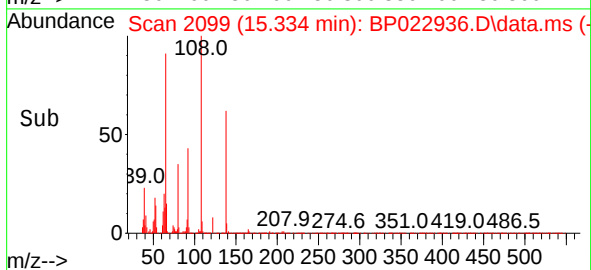
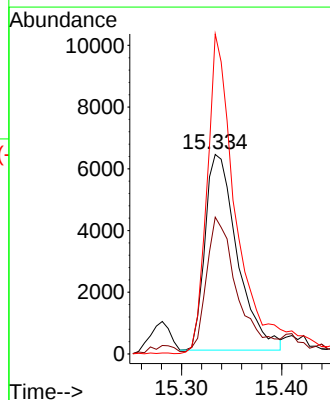
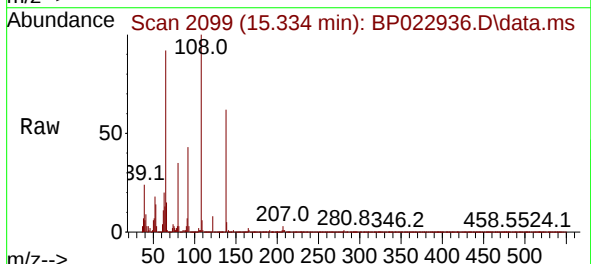
Instrument :  
BNA\_P  
ClientSampleId :

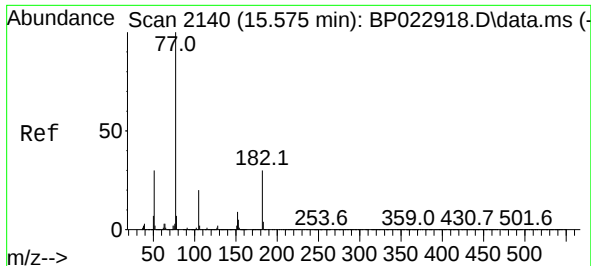
Tgt Ion:204 Resp: 55394  
Ion Ratio Lower Upper  
204 100  
206 34.6 26.8 40.2  
141 55.2 46.2 69.4



#62  
4-Nitroaniline  
Concen: 6.396 ng  
RT: 15.334 min Scan# 2099  
Delta R.T. 0.006 min  
Lab File: BP022936.D  
Acq: 08 Nov 2024 16:10

Tgt Ion:138 Resp: 14204  
Ion Ratio Lower Upper  
138 100  
92 68.6 41.9 81.9  
108 160.3 109.3 149.3#

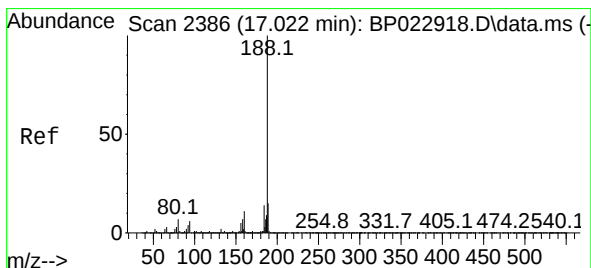
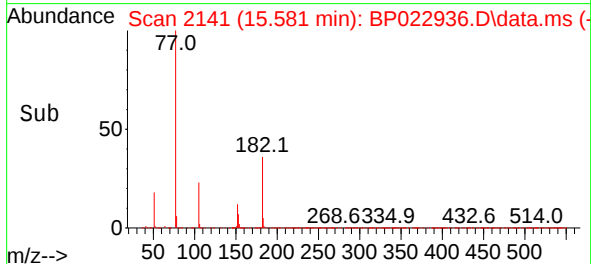
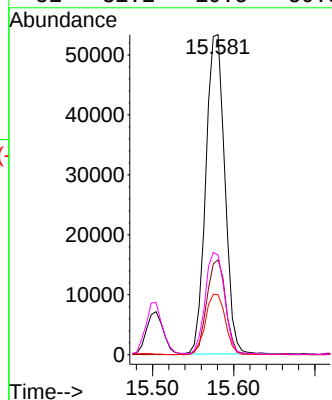
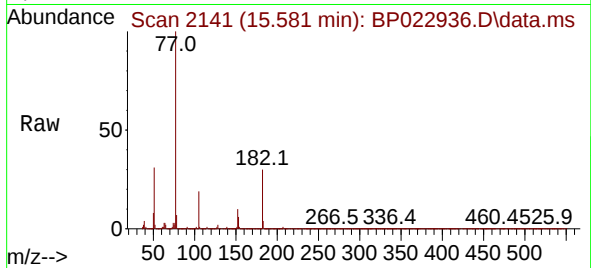




#63  
Azobenzene  
Concen: 8.610 ng  
RT: 15.581 min Scan# 2140  
Delta R.T. 0.006 min  
Lab File: BP022936.D  
Acq: 08 Nov 2024 16:10

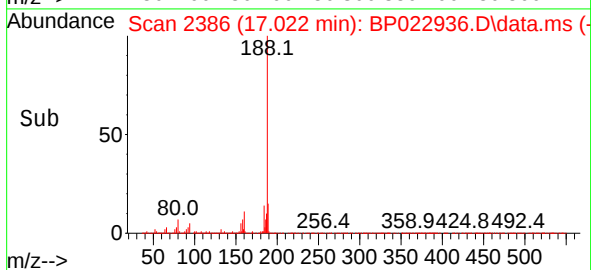
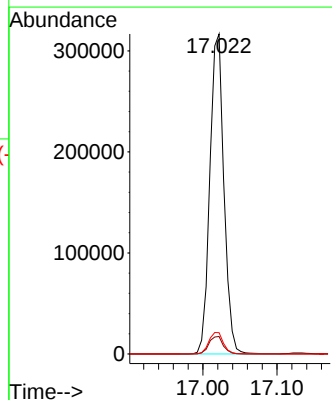
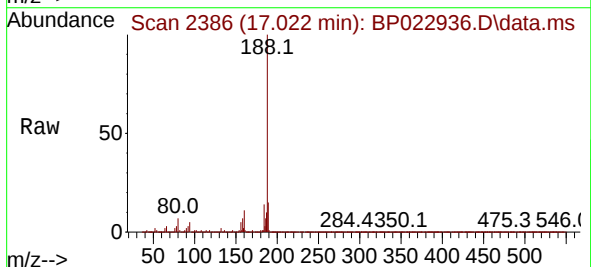
Instrument :  
BNA\_P  
ClientSampleId :

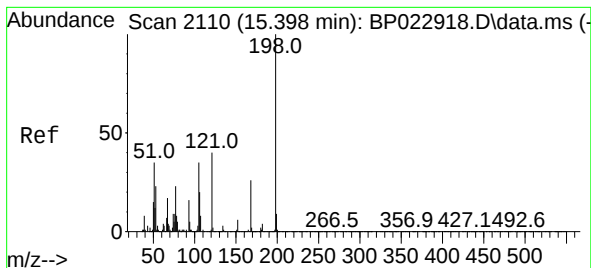
|             |             |
|-------------|-------------|
| Tgt Ion: 77 | Resp: 86255 |
| Ion Ratio   | Lower Upper |
| 77 100      |             |
| 182 29.6    | 9.9 49.9    |
| 105 18.7    | 0.0 39.9    |
| 51 31.1     | 10.5 50.5   |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.022 min Scan# 2386  
Delta R.T. 0.000 min  
Lab File: BP022936.D  
Acq: 08 Nov 2024 16:10

|              |              |
|--------------|--------------|
| Tgt Ion: 188 | Resp: 417330 |
| Ion Ratio    | Lower Upper  |
| 188 100      |              |
| 94 5.5       | 4.8 7.2      |
| 80 6.6       | 5.9 8.9      |

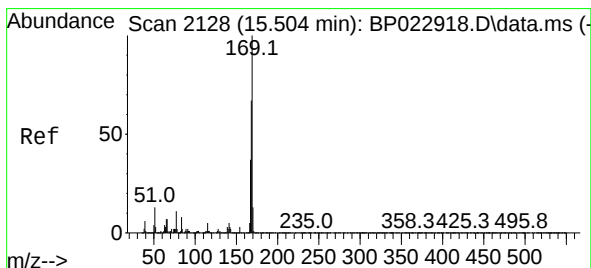
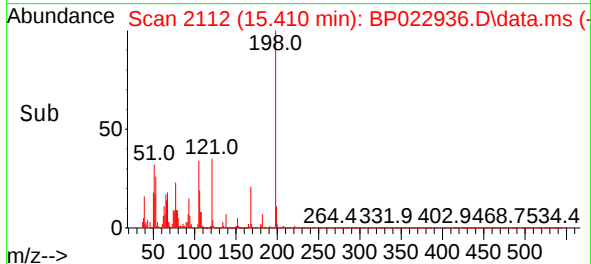
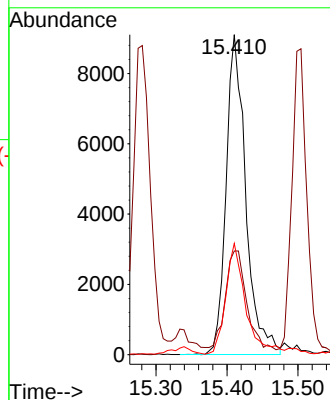
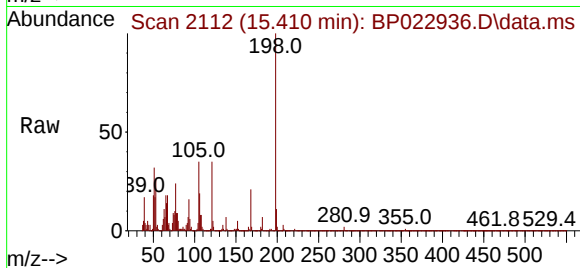




#65  
4,6-Dinitro-2-methylphenol  
Concen: 6.889 ng  
RT: 15.410 min Scan# 2110  
Delta R.T. 0.012 min  
Lab File: BP022936.D  
Acq: 08 Nov 2024 16:10

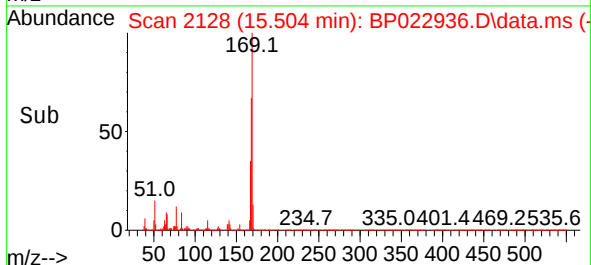
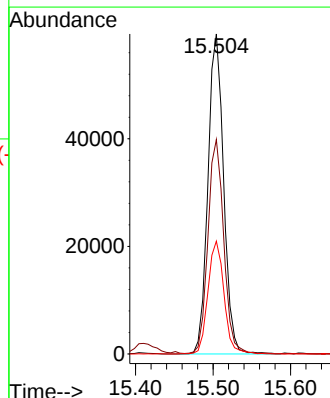
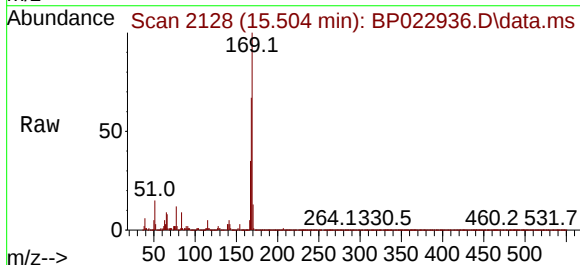
Instrument :  
BNA\_P  
ClientSampleId :

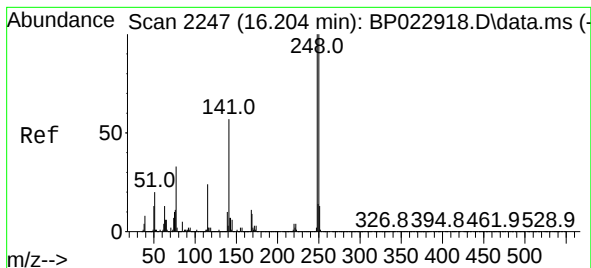
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 32.4  | 17.4  | 57.4  |
| 105     | 34.8  | 15.4  | 55.4  |



#66  
n-Nitrosodiphenylamine  
Concen: 8.108 ng  
RT: 15.504 min Scan# 2128  
Delta R.T. 0.000 min  
Lab File: BP022936.D  
Acq: 08 Nov 2024 16:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 67.0  | 53.9  | 80.9  |
| 167     | 35.2  | 29.4  | 44.0  |

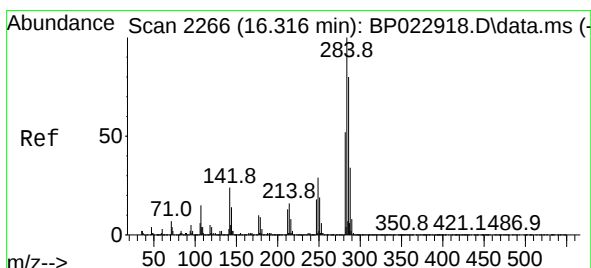
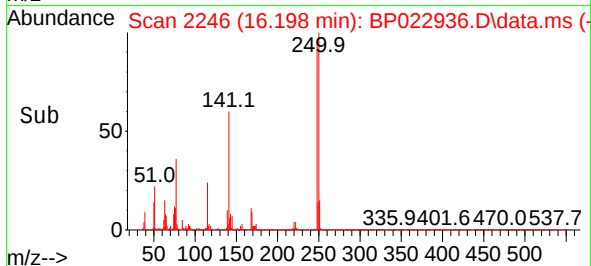
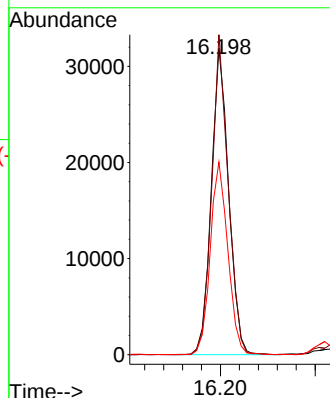
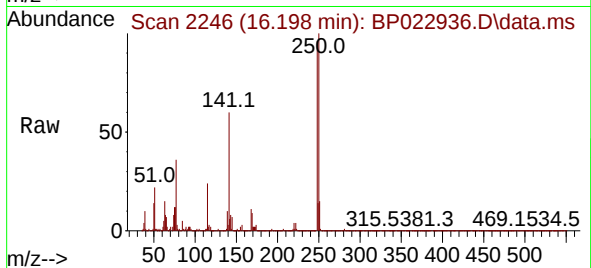




#67  
4-Bromophenyl-phenylether  
Concen: 8.116 ng  
RT: 16.198 min Scan# 2246  
Delta R.T. -0.006 min  
Lab File: BP022936.D  
Acq: 08 Nov 2024 16:10

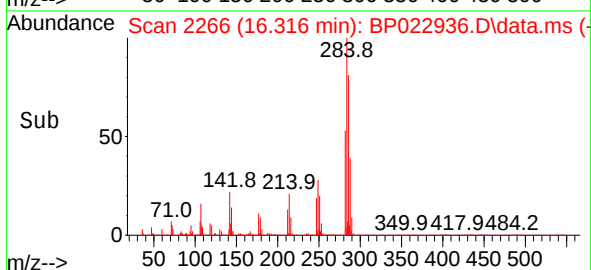
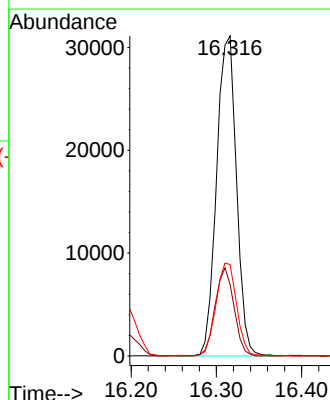
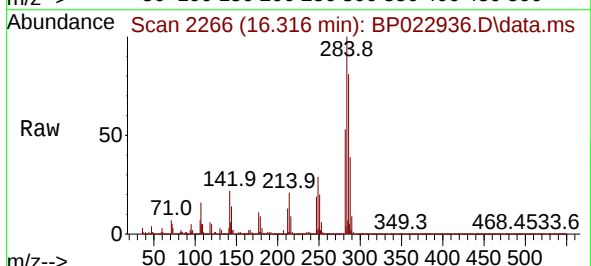
Instrument :  
BNA\_P  
ClientSampleId :

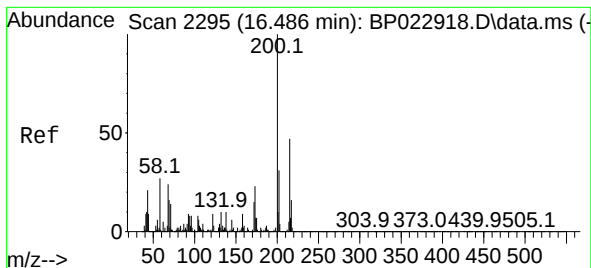
Tgt Ion:248 Resp: 40624  
Ion Ratio Lower Upper  
248 100  
250 104.4 79.8 119.6  
141 62.8 45.2 67.8



#68  
Hexachlorobenzene  
Concen: 7.853 ng  
RT: 16.316 min Scan# 2266  
Delta R.T. 0.000 min  
Lab File: BP022936.D  
Acq: 08 Nov 2024 16:10

Tgt Ion:284 Resp: 50348  
Ion Ratio Lower Upper  
284 100  
142 22.3 19.0 28.4  
249 28.5 23.0 34.6





#69

Atrazine

Concen: 10.181 ng

RT: 16.487 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP022936.D

Acq: 08 Nov 2024 16:10

Instrument :

BNA\_P

ClientSampleId :

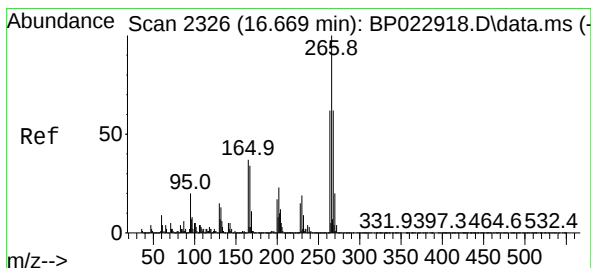
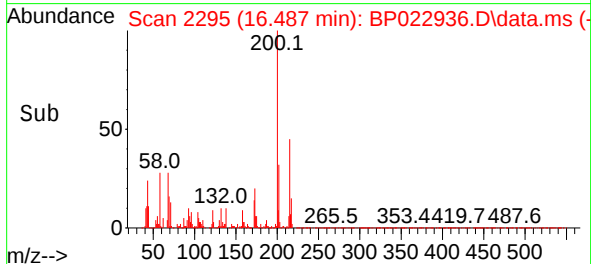
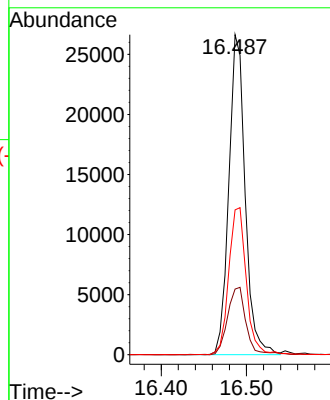
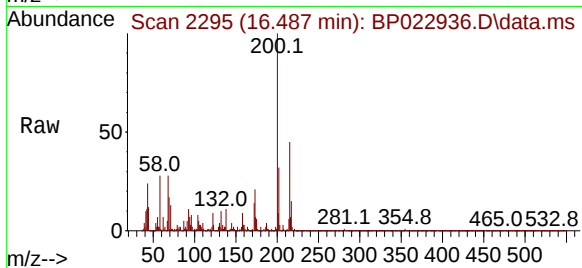
Tgt Ion:200 Resp: 35408

Ion Ratio Lower Upper

200 100

173 20.5 2.7 42.7

215 45.2 27.1 67.1



#70

Pentachlorophenol

Concen: 6.785 ng

RT: 16.675 min Scan# 2327

Delta R.T. 0.006 min

Lab File: BP022936.D

Acq: 08 Nov 2024 16:10

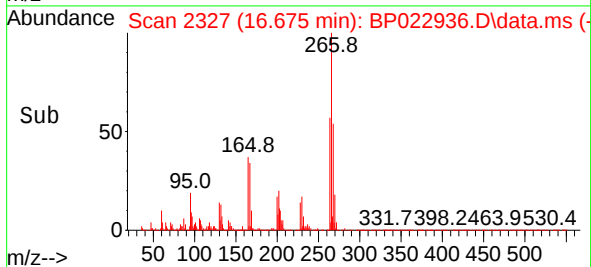
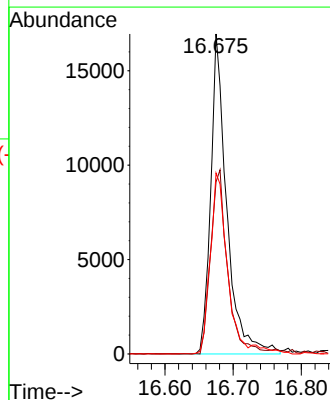
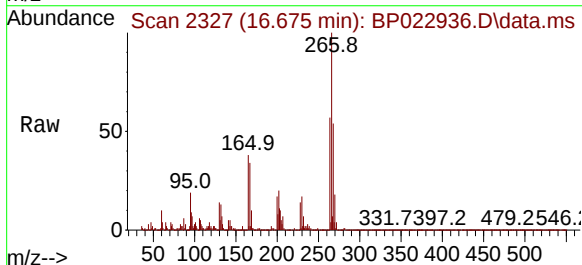
Tgt Ion:266 Resp: 27779

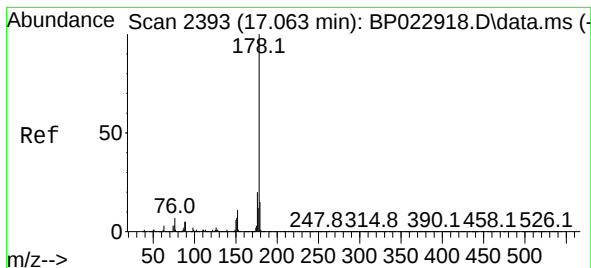
Ion Ratio Lower Upper

266 100

268 53.7 49.9 74.9

264 56.5 49.7 74.5





#71

Phenanthrene

Concen: 8.288 ng

RT: 17.063 min Scan# 2410

Delta R.T. 0.000 min

Lab File: BP022936.D

Acq: 08 Nov 2024 16:10

Instrument :

BNA\_P

ClientSampleId :

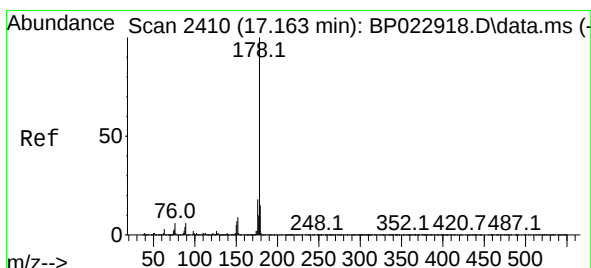
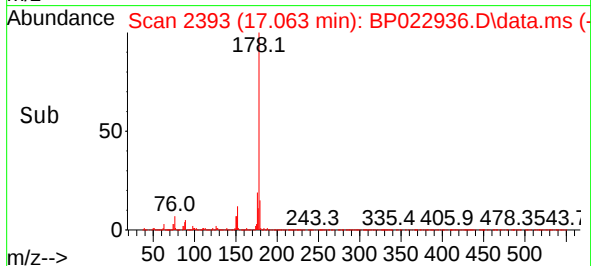
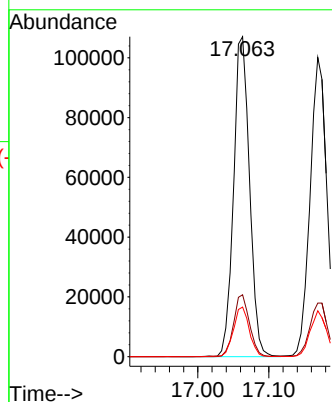
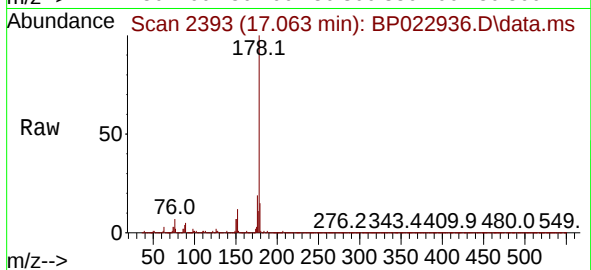
Tgt Ion:178 Resp: 167382

Ion Ratio Lower Upper

178 100

176 19.4 15.6 23.4

179 15.5 12.0 18.0



#72

Anthracene

Concen: 8.684 ng

RT: 17.169 min Scan# 2411

Delta R.T. 0.006 min

Lab File: BP022936.D

Acq: 08 Nov 2024 16:10

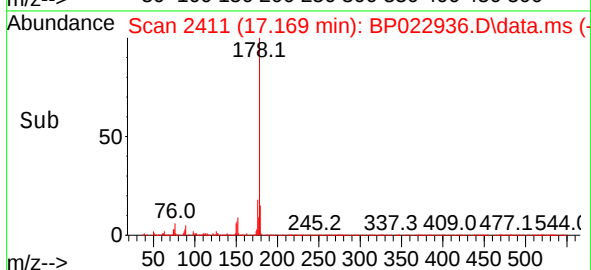
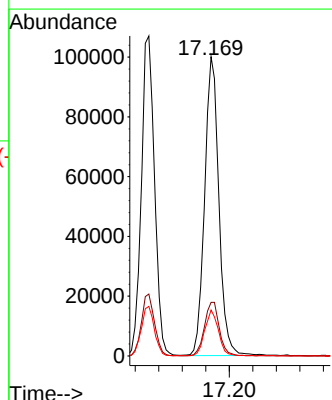
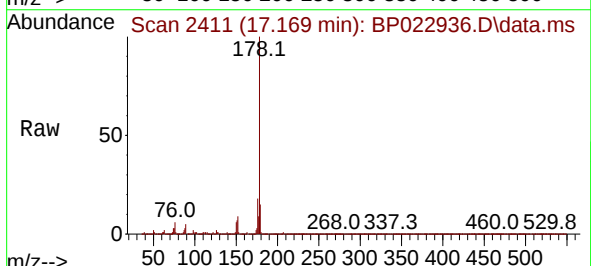
Tgt Ion:178 Resp: 168329

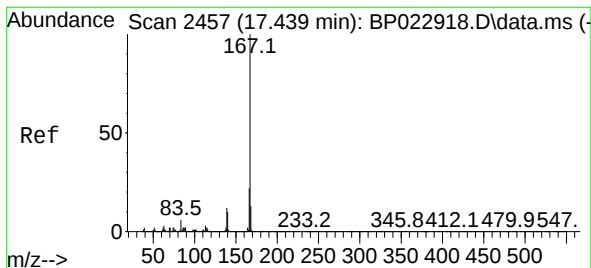
Ion Ratio Lower Upper

178 100

176 17.9 14.6 22.0

179 15.3 12.3 18.5





#73

Carbazole

Concen: 7.861 ng

RT: 17.451 min Scan# 2459

Delta R.T. 0.012 min

Lab File: BP022936.D

Acq: 08 Nov 2024 16:10

Instrument :

BNA\_P

ClientSampleId :

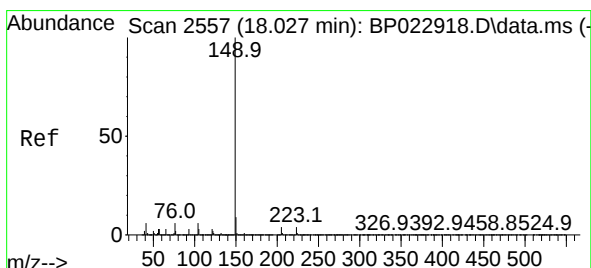
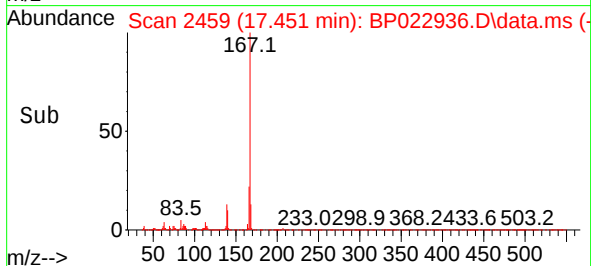
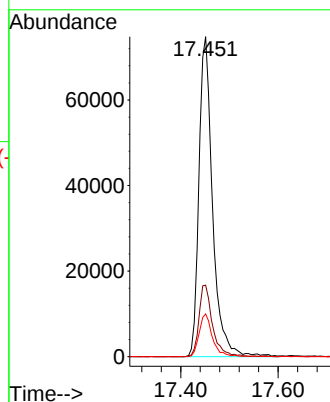
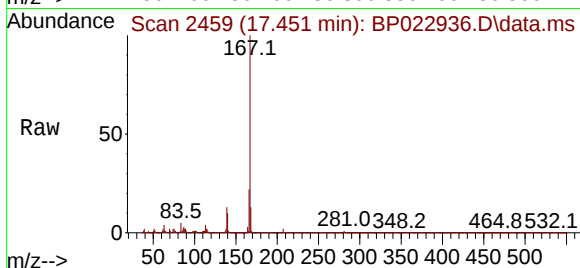
Tgt Ion:167 Resp: 145518

Ion Ratio Lower Upper

167 100

166 22.4 17.4 26.2

139 13.4 10.0 15.0



#74

Di-n-butylphthalate

Concen: 7.658 ng

RT: 18.028 min Scan# 2557

Delta R.T. 0.000 min

Lab File: BP022936.D

Acq: 08 Nov 2024 16:10

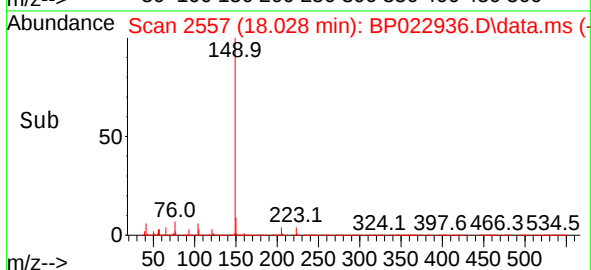
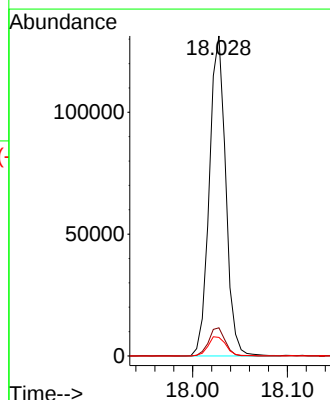
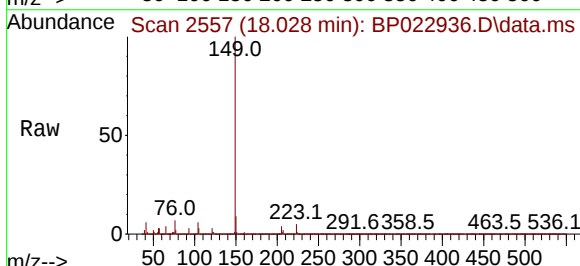
Tgt Ion:149 Resp: 158002

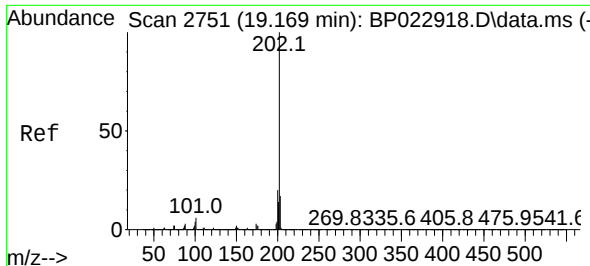
Ion Ratio Lower Upper

149 100

150 8.8 7.2 10.8

104 5.8 4.8 7.2

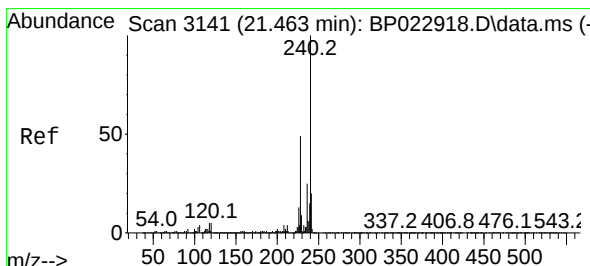
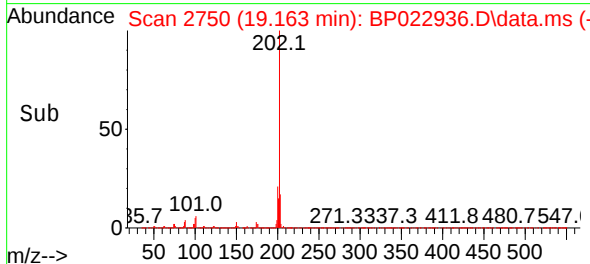
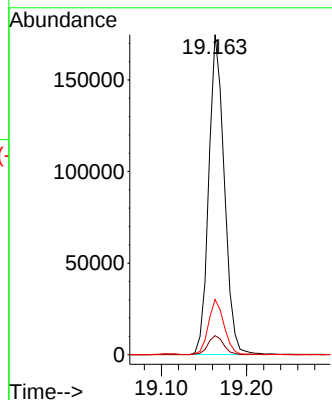
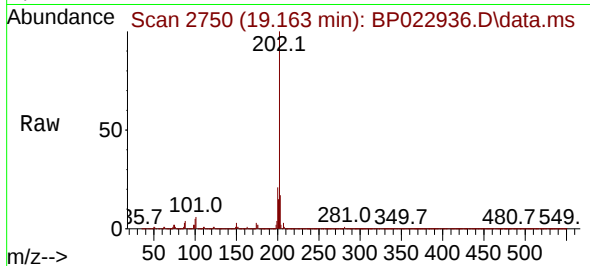




#75  
Fluoranthene  
Concen: 7.910 ng  
RT: 19.163 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BP022936.D  
Acq: 08 Nov 2024 16:10

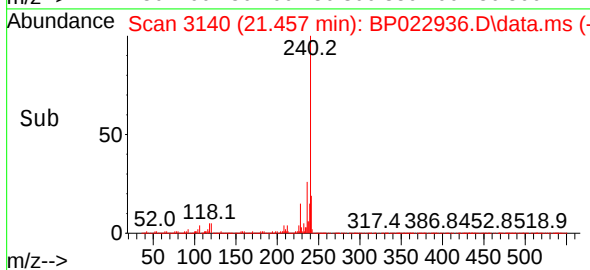
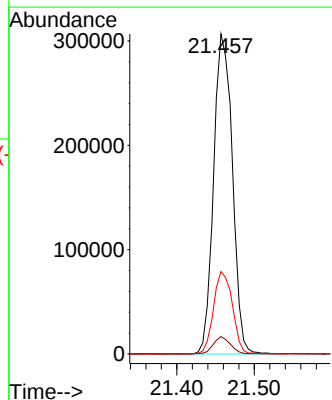
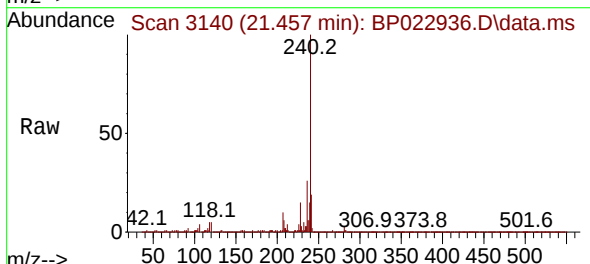
Instrument :  
BNA\_P  
ClientSampleId :

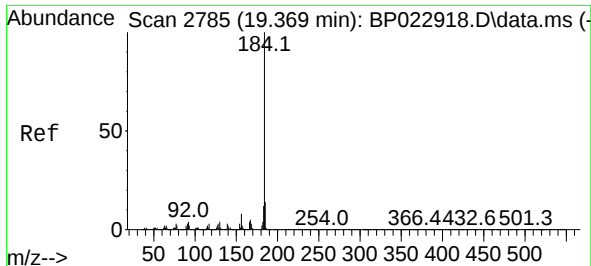
Tgt Ion:202 Resp: 221614  
Ion Ratio Lower Upper  
202 100  
101 6.0 0.0 25.5  
203 17.3 0.0 37.2



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.457 min Scan# 3140  
Delta R.T. -0.006 min  
Lab File: BP022936.D  
Acq: 08 Nov 2024 16:10

Tgt Ion:240 Resp: 515124  
Ion Ratio Lower Upper  
240 100  
120 5.5 4.2 6.2  
236 25.7 20.4 30.6

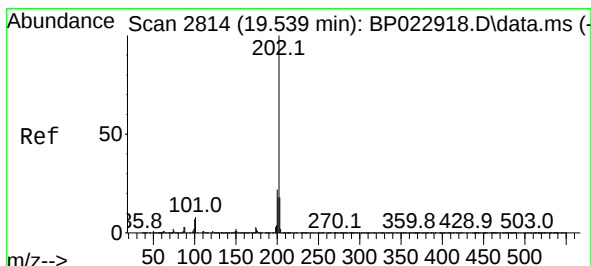
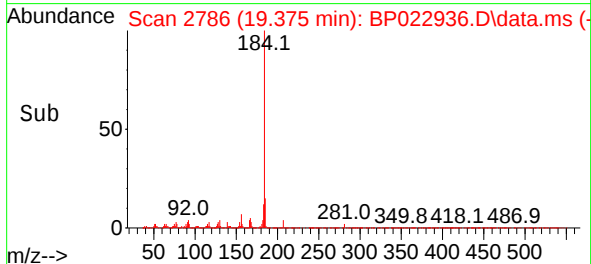
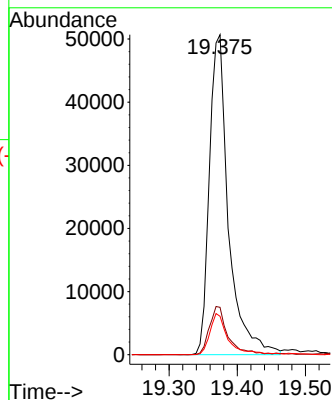
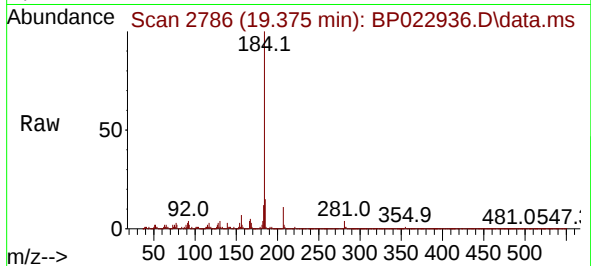




#77  
Benzidine  
Concen: 9.698 ng  
RT: 19.375 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BP022936.D  
Acq: 08 Nov 2024 16:10

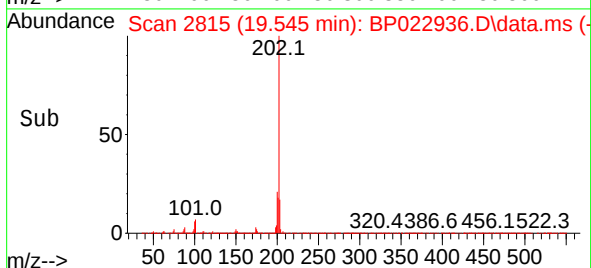
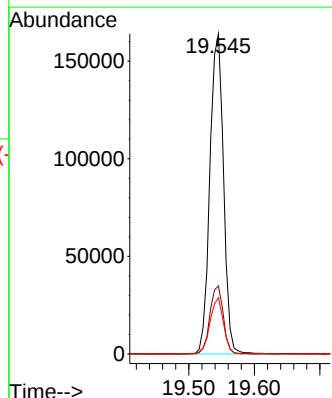
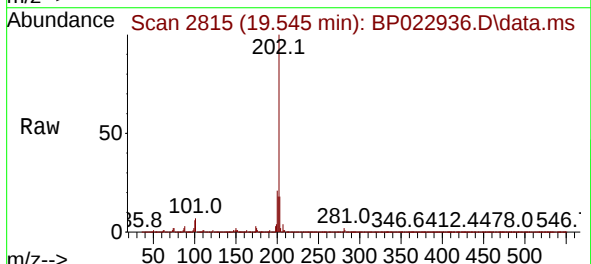
Instrument :  
BNA\_P  
ClientSampleId :

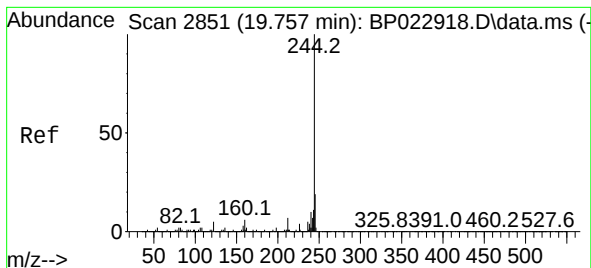
Tgt Ion:184 Resp: 98710  
Ion Ratio Lower Upper  
184 100  
185 14.8 11.3 16.9  
183 12.0 9.7 14.5



#78  
Pyrene  
Concen: 7.779 ng  
RT: 19.545 min Scan# 2815  
Delta R.T. 0.006 min  
Lab File: BP022936.D  
Acq: 08 Nov 2024 16:10

Tgt Ion:202 Resp: 237179  
Ion Ratio Lower Upper  
202 100  
200 21.2 17.4 26.0  
203 17.5 14.2 21.2





#79

Terphenyl-d14

Concen: 88.985 ng

RT: 19.757 min Scan# 2851

Delta R.T. 0.000 min

Lab File: BP022936.D

Acq: 08 Nov 2024 16:10

Instrument :

BNA\_P

ClientSampleId :

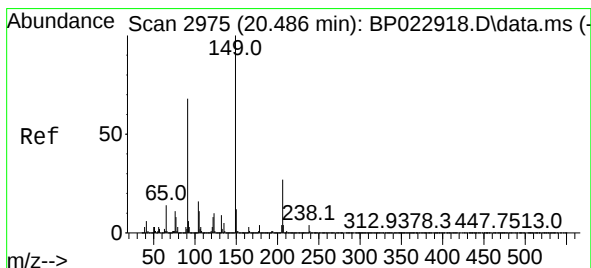
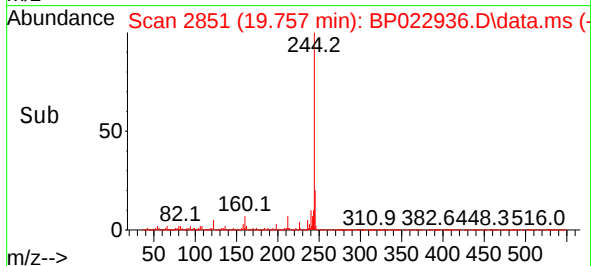
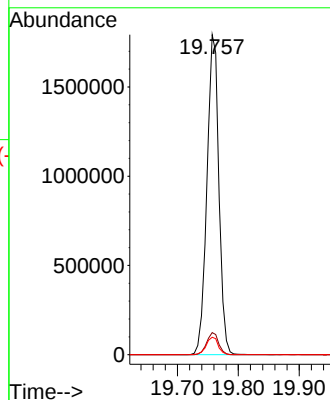
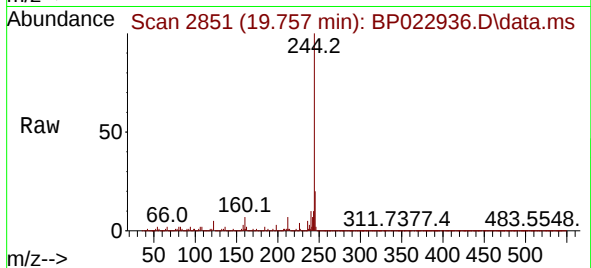
Tgt Ion:244 Resp: 2440770

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

122 5.4 4.4 6.6



#80

Butylbenzylphthalate

Concen: 7.323 ng

RT: 20.486 min Scan# 2975

Delta R.T. 0.000 min

Lab File: BP022936.D

Acq: 08 Nov 2024 16:10

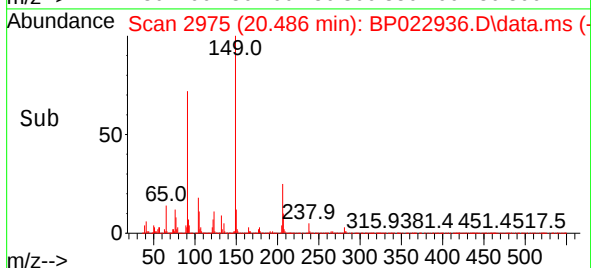
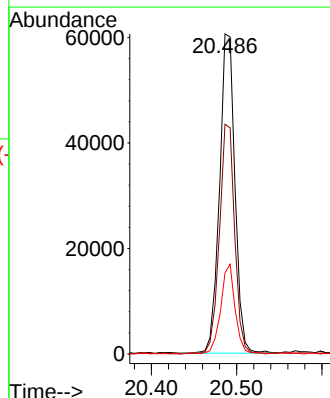
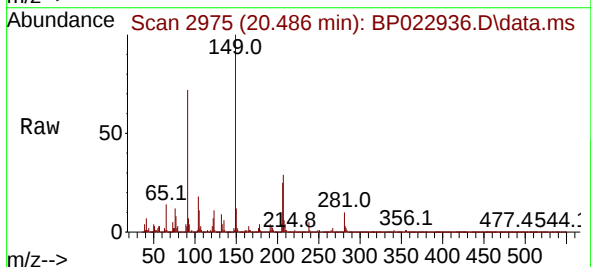
Tgt Ion:149 Resp: 76133

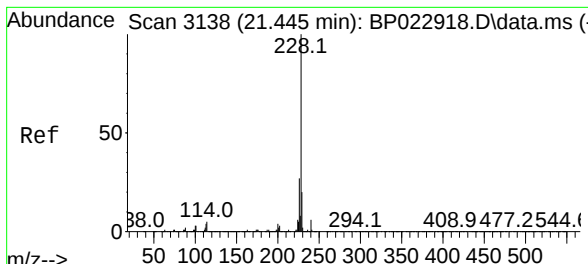
Ion Ratio Lower Upper

149 100

91 71.8 54.6 82.0

206 25.3 21.3 31.9



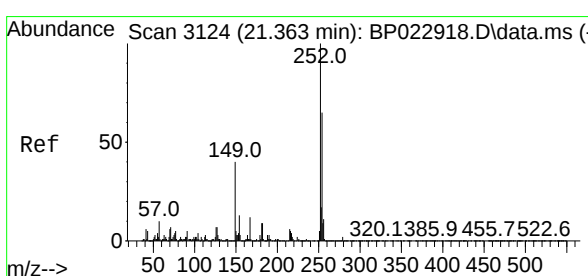
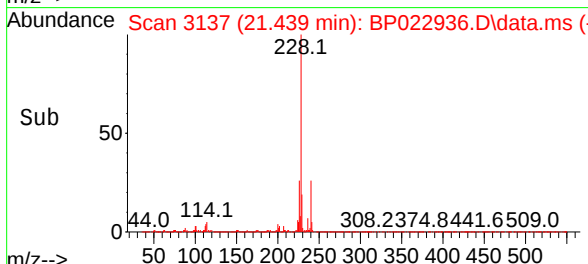
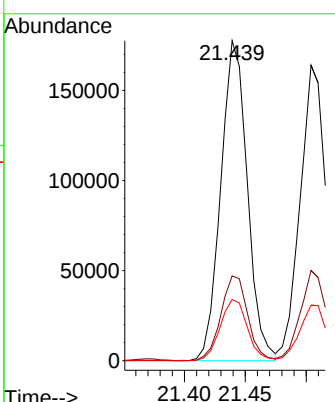
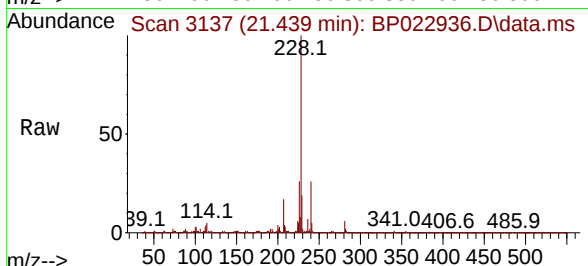


#81  
 Benzo(a)anthracene  
 Concen: 8.414 ng  
 RT: 21.439 min Scan# 3138  
 Delta R.T. -0.006 min  
 Lab File: BP022936.D  
 Acq: 08 Nov 2024 16:10

Instrument :  
 BNA\_P  
 ClientSampleId :

Tgt Ion:228 Resp: 269720

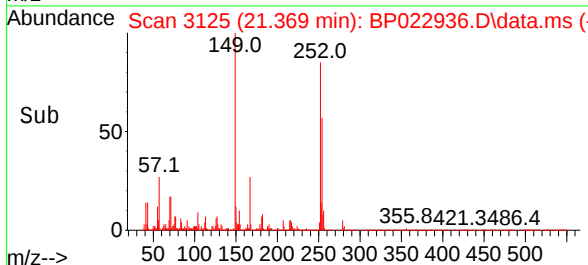
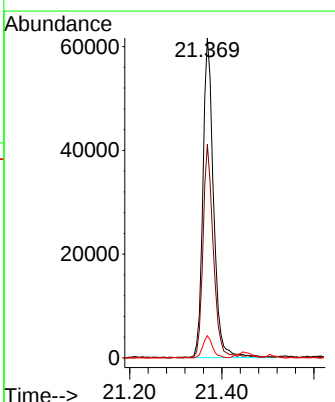
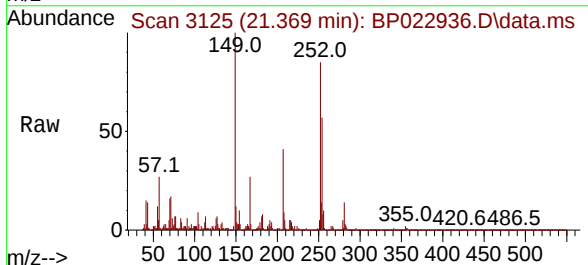
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 26.5  | 21.8  | 32.6  |
| 229 | 19.1  | 16.0  | 24.0  |

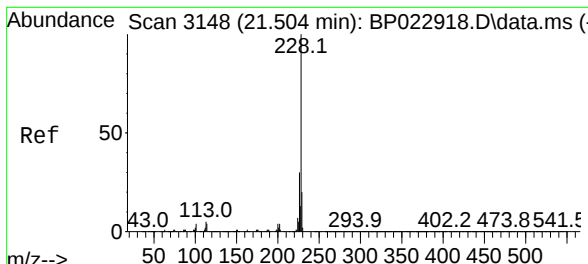


#82  
 3,3'-Dichlorobenzidine  
 Concen: 7.691 ng  
 RT: 21.369 min Scan# 3125  
 Delta R.T. 0.006 min  
 Lab File: BP022936.D  
 Acq: 08 Nov 2024 16:10

Tgt Ion:252 Resp: 99795

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 66.8  | 51.7  | 77.5  |
| 126 | 7.0   | 5.4   | 8.0   |

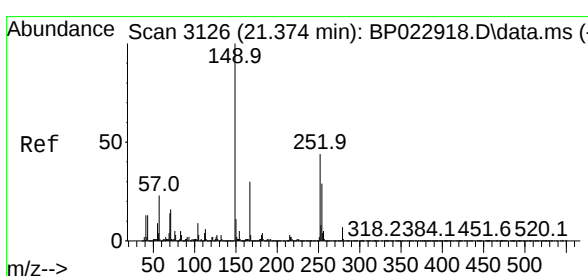
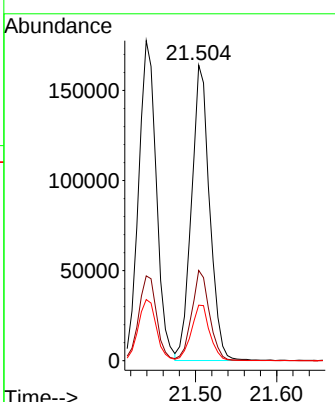
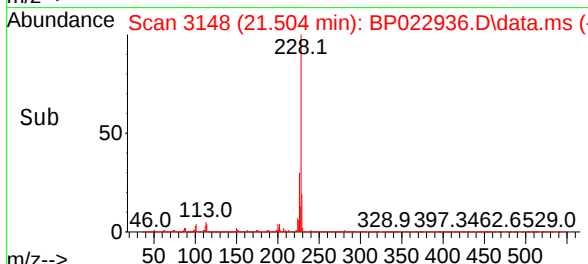
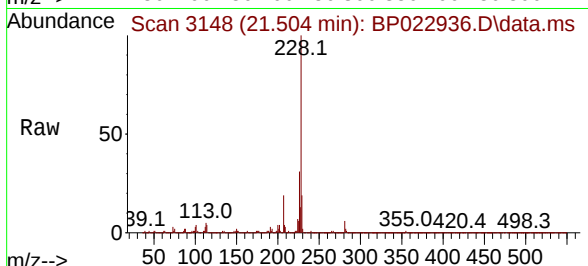




#83  
 Chrysene  
 Concen: 8.490 ng  
 RT: 21.504 min Scan# 3148  
 Delta R.T. 0.000 min  
 Lab File: BP022936.D  
 Acq: 08 Nov 2024 16:10

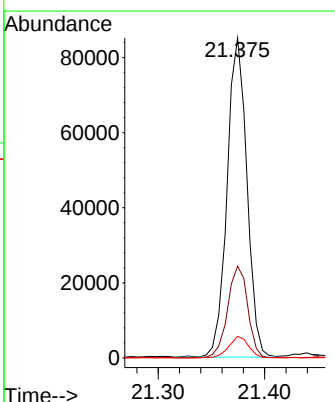
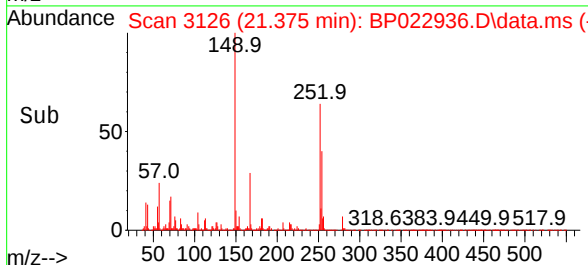
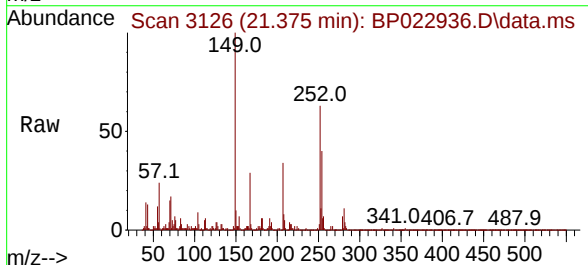
Instrument : BNA\_P  
 ClientSampleId :

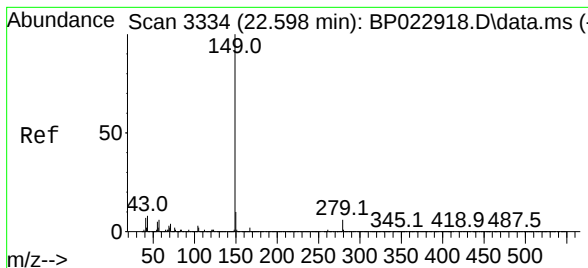
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 254924 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 30.5  | 23.8  | 35.6   |
| 229       | 18.8  | 15.8  | 23.8   |



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 7.381 ng  
 RT: 21.375 min Scan# 3126  
 Delta R.T. 0.000 min  
 Lab File: BP022936.D  
 Acq: 08 Nov 2024 16:10

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 110124 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 28.7  | 23.7  | 35.5   |
| 279       | 6.8   | 5.3   | 7.9    |





#85

Di-n-octyl phthalate

Concen: 7.528 ng

RT: 22.598 min Scan# 3334

Delta R.T. 0.000 min

Lab File: BP022936.D

Acq: 08 Nov 2024 16:10

Instrument :

BNA\_P

ClientSampleId :

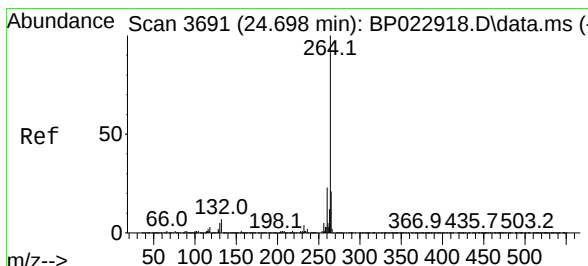
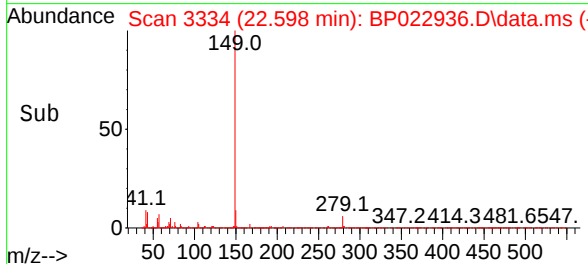
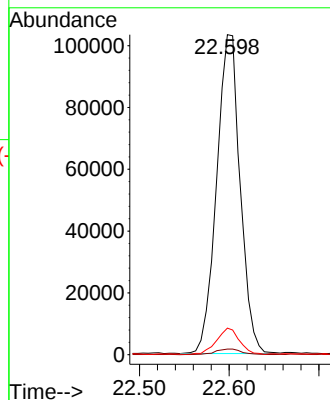
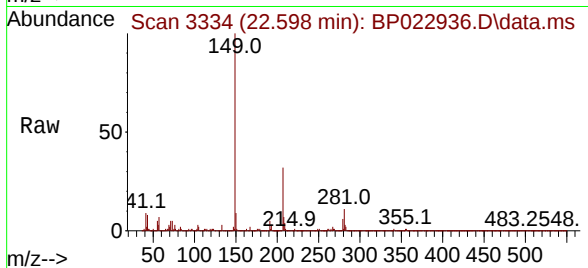
Tgt Ion:149 Resp: 187688

Ion Ratio Lower Upper

149 100

167 2.0 1.4 2.0

43 7.8 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.698 min Scan# 3691

Delta R.T. 0.000 min

Lab File: BP022936.D

Acq: 08 Nov 2024 16:10

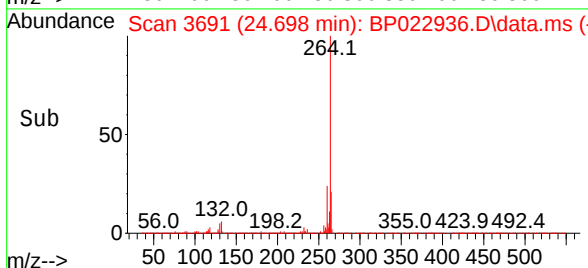
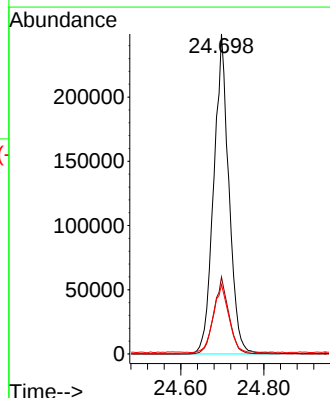
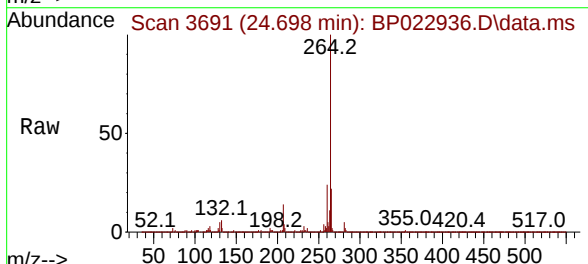
Tgt Ion:264 Resp: 630683

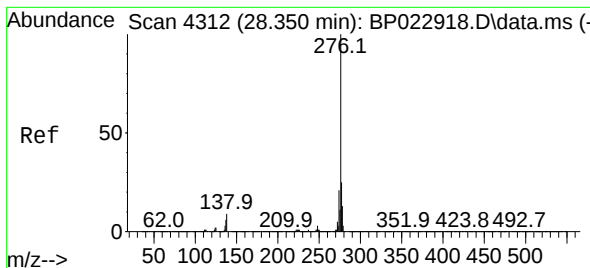
Ion Ratio Lower Upper

264 100

260 24.1 18.6 28.0

265 21.7 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 8.434 ng

RT: 28.357 min Scan# 41

Delta R.T. 0.006 min

Lab File: BP022936.D

Acq: 08 Nov 2024 16:10

Instrument :

BNA\_P

ClientSampleId :

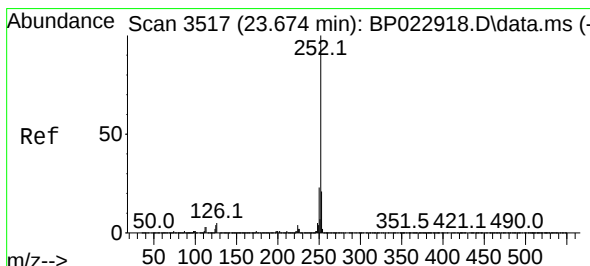
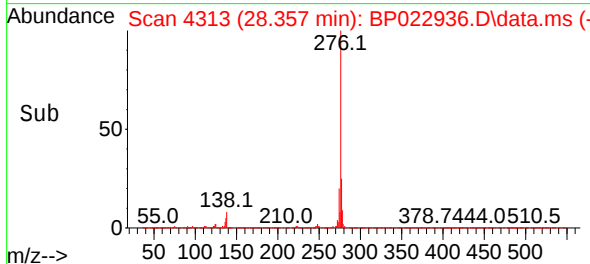
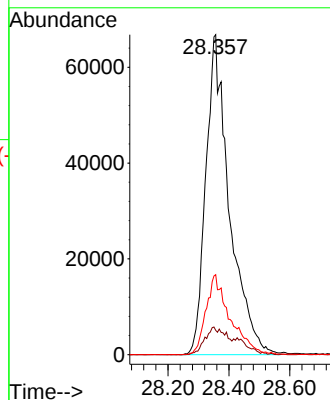
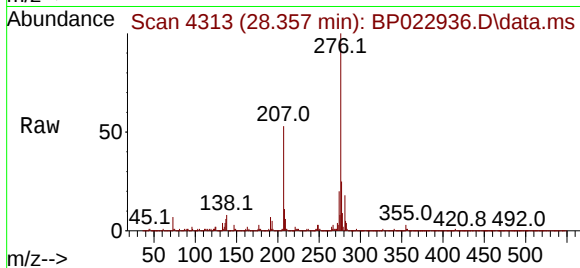
Tgt Ion:276 Resp: 358772

Ion Ratio Lower Upper

276 100

138 4.6 8.7 13.1#

277 25.4 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 8.099 ng

RT: 23.669 min Scan# 3516

Delta R.T. -0.006 min

Lab File: BP022936.D

Acq: 08 Nov 2024 16:10

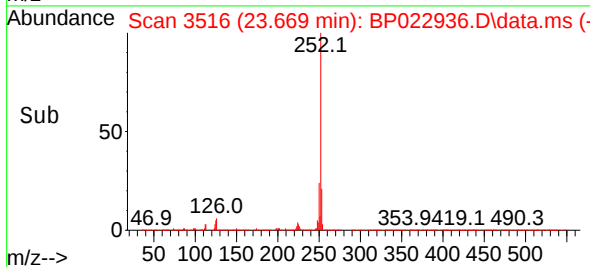
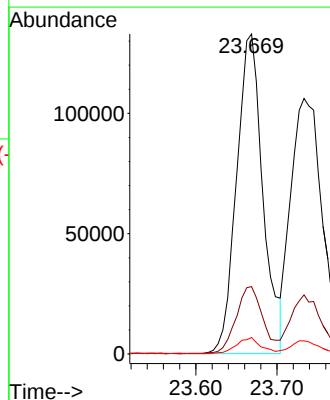
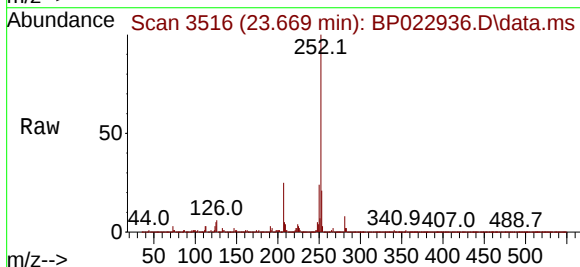
Tgt Ion:252 Resp: 300109

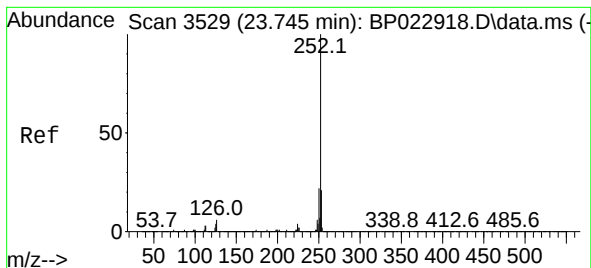
Ion Ratio Lower Upper

252 100

253 21.1 16.8 25.2

125 5.1 3.2 4.8#





#89

Benzo(k)fluoranthene

Concen: 8.163 ng

RT: 23.733 min Scan# 3529

Delta R.T. -0.012 min

Lab File: BP022936.D

Acq: 08 Nov 2024 16:10

Instrument :

BNA\_P

ClientSampleId :

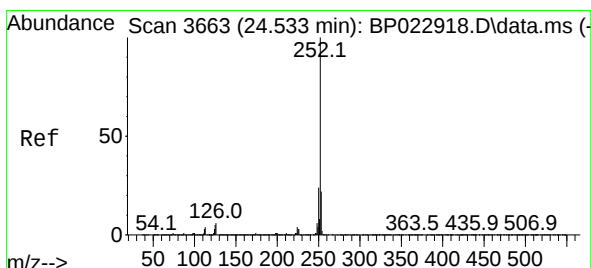
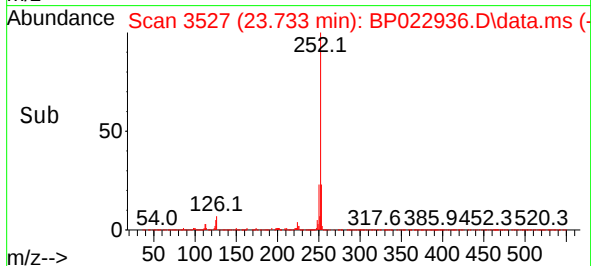
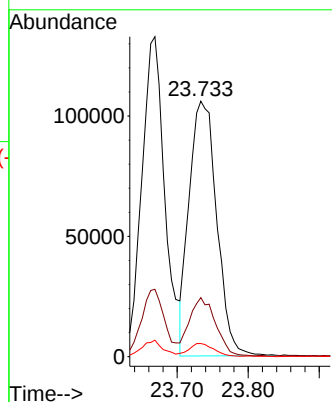
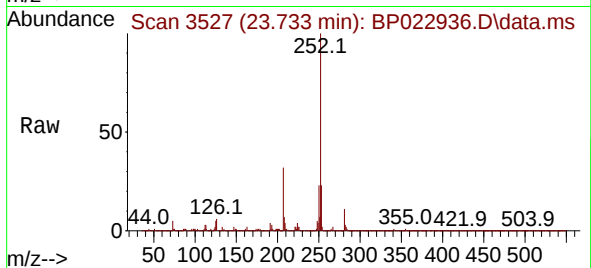
Tgt Ion:252 Resp: 285601

Ion Ratio Lower Upper

252 100

253 23.1 17.0 25.6

125 5.1 3.4 5.2



#90

Benzo(a)pyrene

Concen: 8.490 ng

RT: 24.533 min Scan# 3663

Delta R.T. 0.000 min

Lab File: BP022936.D

Acq: 08 Nov 2024 16:10

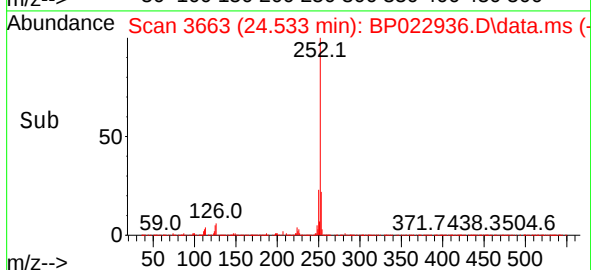
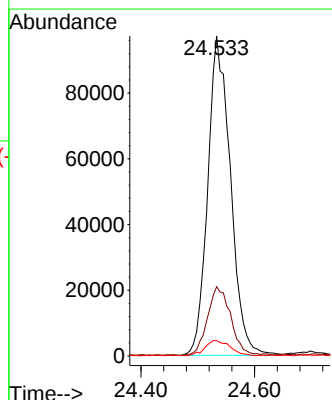
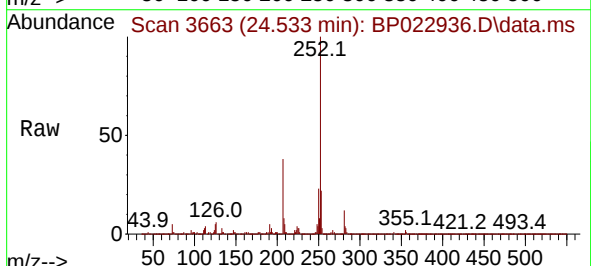
Tgt Ion:252 Resp: 269175

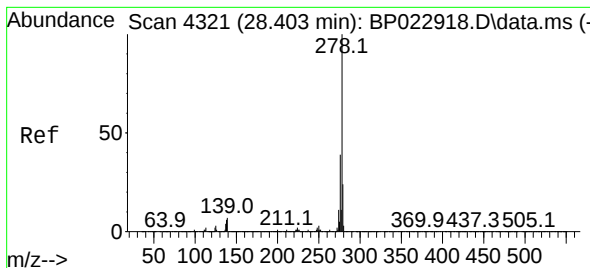
Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

125 4.8 4.0 6.0





#91

Dibenzo(a,h)anthracene

Concen: 8.378 ng

RT: 28.433 min Scan# 41

Delta R.T. 0.030 min

Lab File: BP022936.D

Acq: 08 Nov 2024 16:10

Instrument :

BNA\_P

ClientSampleId :

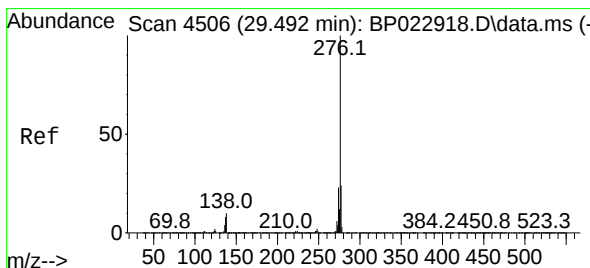
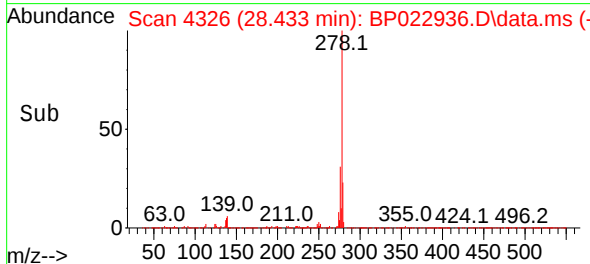
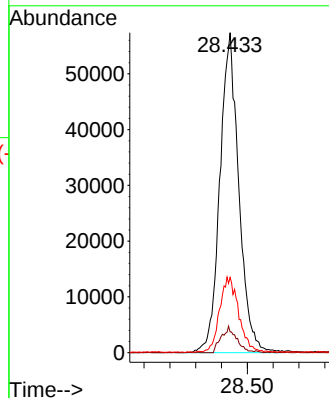
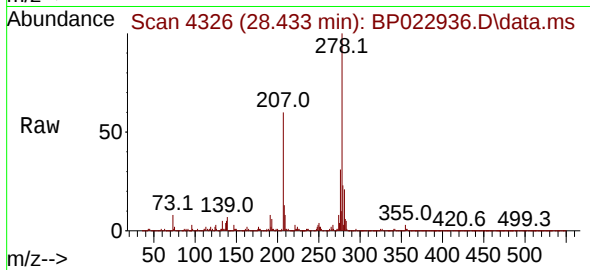
Tgt Ion:278 Resp: 292253

Ion Ratio Lower Upper

278 100

139 6.5 5.4 8.2

279 23.5 19.3 28.9



#92

Benzo(g,h,i)perylene

Concen: 7.638 ng

RT: 29.492 min Scan# 4506

Delta R.T. 0.000 min

Lab File: BP022936.D

Acq: 08 Nov 2024 16:10

Tgt Ion:276 Resp: 273009

Ion Ratio Lower Upper

276 100

277 23.6 18.8 28.2

138 9.8 7.6 11.4

