

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP051925\  
 Data File : BP024691.D  
 Acq On : 19 May 2025 16:16  
 Operator : RC/JU  
 Sample : Q2032-05MS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :

Quant Time: May 19 17:25:47 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP051325.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 13 16:21:39 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.652  | 152  | 175701   | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8            | 10.422 | 136  | 713844   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10          | 14.287 | 164  | 453670   | 20.000  | ng    | -0.02    |
| 64) Phenanthrene-d10          | 17.098 | 188  | 903382   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.539 | 240  | 992797   | 20.000  | ng    | 0.02     |
| 86) Perylene-d12              | 24.827 | 264  | 1067591  | 20.000  | ng    | 0.02     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.293  | 112  | 1183975  | 115.255 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.864  | 99   | 1487465  | 113.454 | ng    | 0.01     |
| 23) Nitrobenzene-d5           | 8.805  | 82   | 904196   | 64.000  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.822 | 330  | 906372   | 117.848 | ng    | 0.01     |
| 45) 2-Fluorobiphenyl          | 12.899 | 172  | 2208156  | 63.768  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.834 | 244  | 3781697  | 65.315  | ng    | 0.02     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.223  | 88   | 161475   | 33.475  | ng    | 99       |
| 3) Pyridine                   | 3.617  | 79   | 397123   | 37.128  | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.529  | 42   | 191800   | 40.618  | ng    | 98       |
| 6) Aniline                    | 6.999  | 93   | 551407   | 32.575  | ng    | 99       |
| 8) 2-Chlorophenol             | 7.240  | 128  | 544073   | 46.655  | ng    | 98       |
| 9) Benzaldehyde               | 6.811  | 77   | 308267   | 36.322  | ng    | 99       |
| 10) Phenol                    | 6.893  | 94   | 627537   | 46.375  | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.093  | 93   | 452491   | 40.695  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 7.546  | 146  | 567795   | 42.320  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 7.693  | 146  | 571945   | 42.384  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.005  | 146  | 553367   | 42.084  | ng    | 99       |
| 15) Benzyl Alcohol            | 7.905  | 79   | 455941   | 45.763  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.181  | 45   | 536108   | 40.260  | ng    | 99       |
| 17) 2-Methylphenol            | 8.117  | 107  | 442728   | 45.616  | ng    | 98       |
| 18) Hexachloroethane          | 8.722  | 117  | 212213   | 41.038  | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 8.458  | 70   | 360456   | 39.745  | ng    | 99       |
| 20) 3+4-Methylphenols         | 8.446  | 107  | 598942   | 45.367  | ng    | 99       |
| 22) Acetophenone              | 8.475  | 105  | 768246   | 43.084  | ng    | # 99     |
| 24) Nitrobenzene              | 8.846  | 77   | 535124   | 43.041  | ng    | 96       |
| 25) Isophorone                | 9.369  | 82   | 1013860  | 41.370  | ng    | 99       |
| 26) 2-Nitrophenol             | 9.552  | 139  | 299350   | 49.135  | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 9.628  | 122  | 498635   | 46.422  | ng    | 100      |
| 28) bis(2-Chloroethoxy)met... | 9.846  | 93   | 620045   | 42.349  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.099 | 162  | 511609   | 49.151  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 10.293 | 180  | 521929   | 44.496  | ng    | 98       |
| 31) Naphthalene               | 10.475 | 128  | 1623285  | 43.882  | ng    | 99       |
| 32) Benzoic acid              | 9.822  | 122  | 335518   | 45.356  | ng    | 98       |
| 33) 4-Chloroaniline           | 10.599 | 127  | 376160   | 25.199  | ng    | 98       |
| 34) Hexachlorobutadiene       | 10.758 | 225  | 337318   | 44.392  | ng    | 98       |
| 35) Caprolactam               | 11.399 | 113  | 173255   | 46.005  | ng    | 98       |
| 36) 4-Chloro-3-methylphenol   | 11.746 | 107  | 580626   | 45.741  | ng    | 97       |
| 37) 2-Methylnaphthalene       | 12.087 | 142  | 1046239  | 43.679  | ng    | 100      |
| 38) 1-Methylnaphthalene       | 12.310 | 142  | 1092307  | 42.620  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.463 | 216  | 603629   | 45.820  | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 12.440 | 237  | 726067   | 90.891  | ng    | 97       |
| 43) 2,4,6-Trichlorophenol     | 12.716 | 196  | 423991   | 49.689  | ng    | 99       |

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 QLast Update : Tue May 13 16:21:39 2025  
 Response via : Initial Calibration

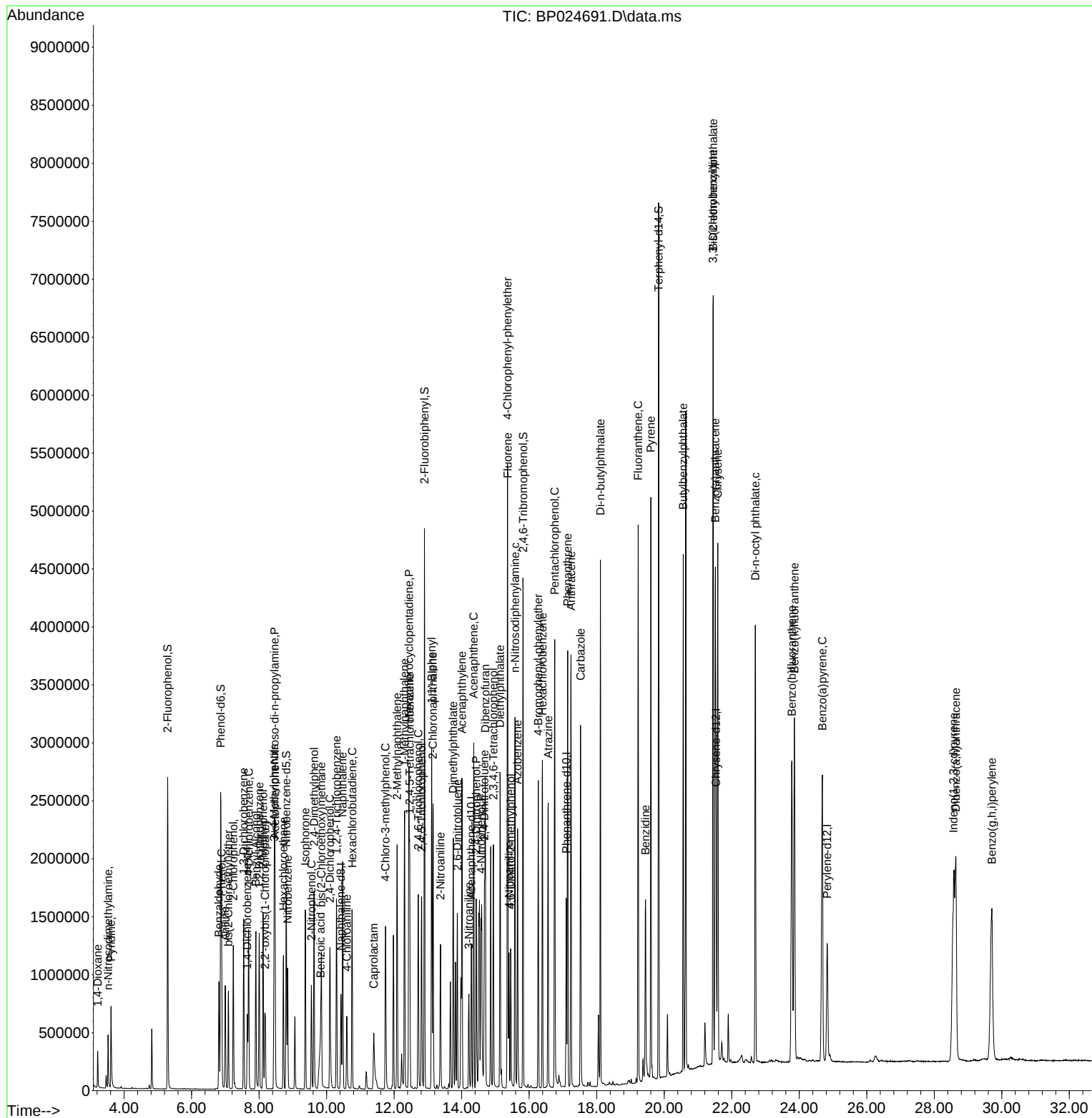
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.816 | 196  | 467084   | 49.176  | ng    | 97       |
| 46) 1,1'-Biphenyl             | 13.110 | 154  | 1516077  | 45.214  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.152 | 162  | 1149183  | 44.949  | ng    | 99       |
| 48) 2-Nitroaniline            | 13.375 | 65   | 350924   | 46.362  | ng    | 98       |
| 49) Acenaphthylene            | 14.010 | 152  | 1930240  | 45.115  | ng    | 100      |
| 50) Dimethylphthalate         | 13.752 | 163  | 1545880  | 44.706  | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 13.875 | 165  | 332024   | 45.465  | ng    | 96       |
| 52) Acenaphthene              | 14.357 | 154  | 1086088  | 44.156  | ng    | 99       |
| 53) 3-Nitroaniline            | 14.216 | 138  | 227513   | 30.511  | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 14.434 | 184  | 420465   | 90.400  | ng    | 98       |
| 55) Dibenzofuran              | 14.698 | 168  | 1728804  | 44.065  | ng    | 98       |
| 56) 4-Nitrophenol             | 14.575 | 139  | 563852   | 86.954  | ng    | 98       |
| 57) 2,4-Dinitrotoluene        | 14.675 | 165  | 476970   | 46.327  | ng    | 99       |
| 58) Fluorene                  | 15.363 | 166  | 1434906  | 44.854  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 14.940 | 232  | 413945   | 46.980  | ng    | 97       |
| 60) Diethylphthalate          | 15.140 | 149  | 1573648  | 45.027  | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 15.357 | 204  | 719589   | 45.105  | ng    | 98       |
| 62) 4-Nitroaniline            | 15.404 | 138  | 316195   | 43.916  | ng    | 96       |
| 63) Azobenzene                | 15.657 | 77   | 1319940  | 44.148  | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 15.457 | 198  | 281086   | 48.170  | ng    | 98       |
| 66) n-Nitrosodiphenylamine    | 15.581 | 169  | 1250329  | 45.060  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.269 | 248  | 494366   | 46.441  | ng    | 100      |
| 68) Hexachlorobenzene         | 16.393 | 284  | 611127   | 45.180  | ng    | 98       |
| 69) Atrazine                  | 16.563 | 200  | 479320   | 47.135  | ng    | 100      |
| 70) Pentachlorophenol         | 16.757 | 266  | 790871   | 104.158 | ng    | 99       |
| 71) Phenanthrene              | 17.140 | 178  | 2238272  | 44.569  | ng    | 100      |
| 72) Anthracene                | 17.240 | 178  | 2289362  | 45.309  | ng    | 100      |
| 73) Carbazole                 | 17.522 | 167  | 2149286  | 46.997  | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.110 | 149  | 2834682  | 48.196  | ng    | 99       |
| 75) Fluoranthene              | 19.228 | 202  | 2761747  | 47.045  | ng    | 100      |
| 77) Benzidine                 | 19.445 | 184  | 1173958  | 43.416  | ng    | 99       |
| 78) Pyrene                    | 19.604 | 202  | 2767694  | 46.527  | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.563 | 149  | 1339615  | 50.636  | ng    | 97       |
| 81) Benzo(a)anthracene        | 21.516 | 228  | 2890751  | 46.371  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.445 | 252  | 819615   | 35.398  | ng    | 99       |
| 83) Chrysene                  | 21.586 | 228  | 2696533  | 45.631  | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.451 | 149  | 1991784  | 51.222  | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.698 | 149  | 3420415  | 53.790  | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 28.568 | 276  | 3374918  | 43.301  | ng    | # 92     |
| 88) Benzo(b)fluoranthene      | 23.780 | 252  | 2841716  | 46.504  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.857 | 252  | 2948981  | 46.834  | ng    | 100      |
| 90) Benzo(a)pyrene            | 24.686 | 252  | 2682066  | 45.700  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 28.639 | 278  | 2765872  | 43.621  | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 29.704 | 276  | 2666340  | 42.286  | ng    | 99       |

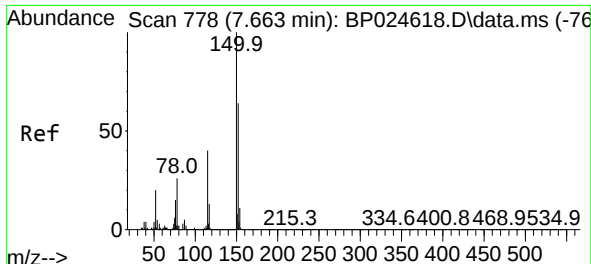
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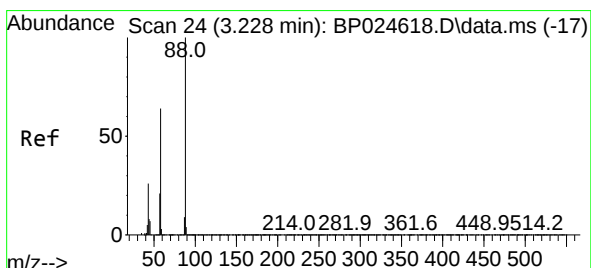
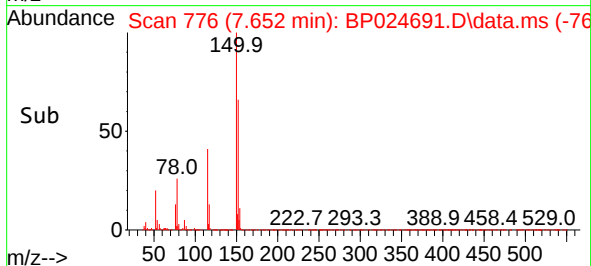
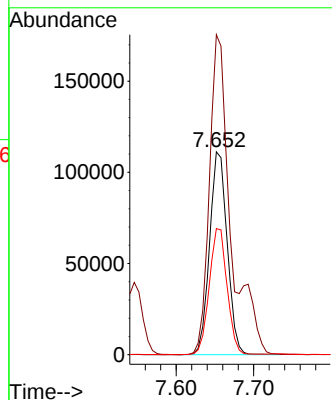
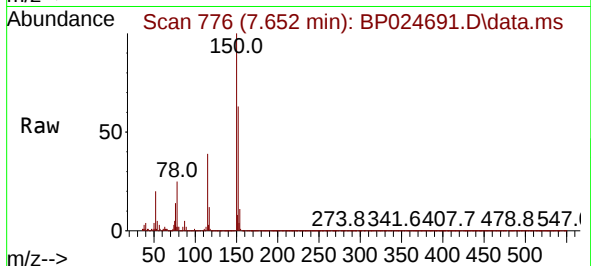




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.652 min Scan# 71  
Delta R.T. -0.011 min  
Lab File: BP024691.D  
Acq: 19 May 2025 16:16

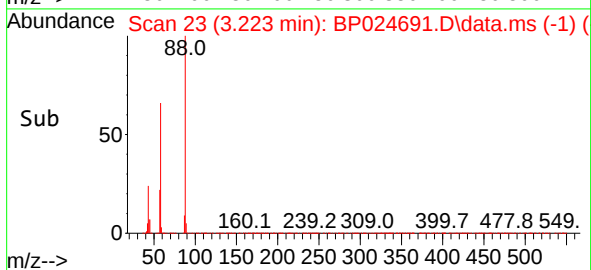
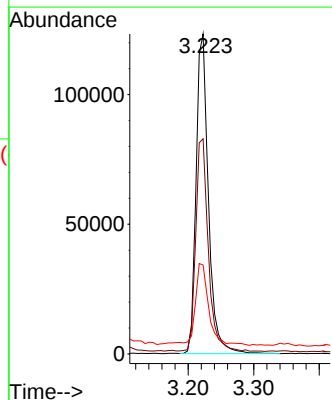
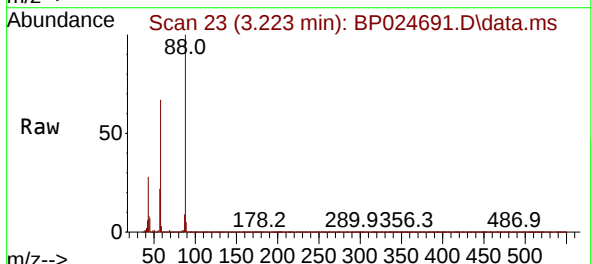
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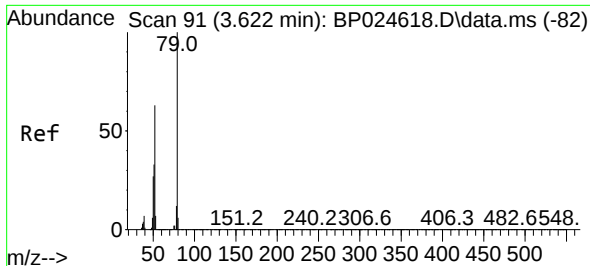
Tgt Ion:152 Resp: 175701  
Ion Ratio Lower Upper  
152 100  
150 157.7 125.9 188.9  
115 62.1 50.1 75.1



#2  
1,4-Dioxane  
Concen: 33.475 ng  
RT: 3.223 min Scan# 23  
Delta R.T. -0.006 min  
Lab File: BP024691.D  
Acq: 19 May 2025 16:16

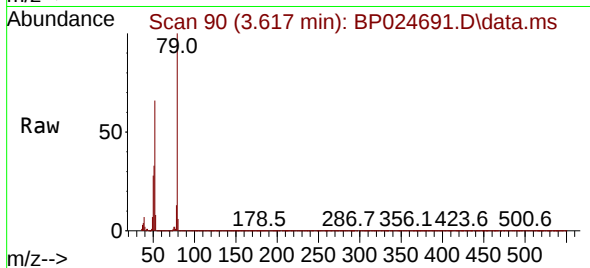
Tgt Ion: 88 Resp: 161475  
Ion Ratio Lower Upper  
88 100  
58 67.7 54.0 81.0  
43 28.7 21.4 32.0



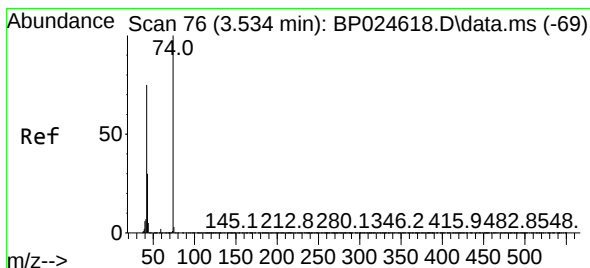
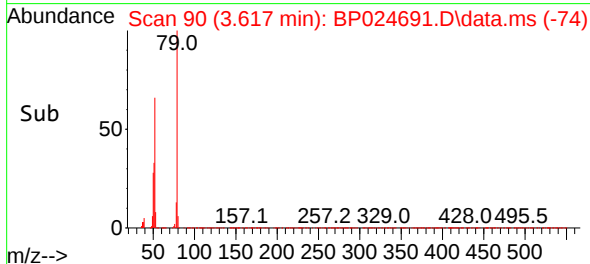
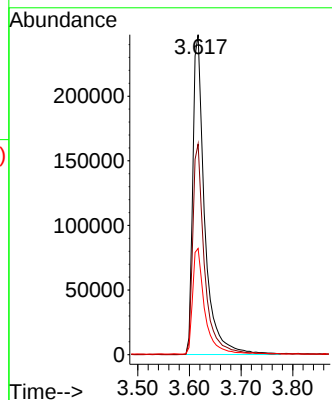


#3  
Pyridine  
Concen: 37.128 ng  
RT: 3.617 min Scan# 90  
Delta R.T. -0.006 min  
Lab File: BP024691.D  
Acq: 19 May 2025 16:16

Instrument :  
BNA\_P  
ClientSampleId :

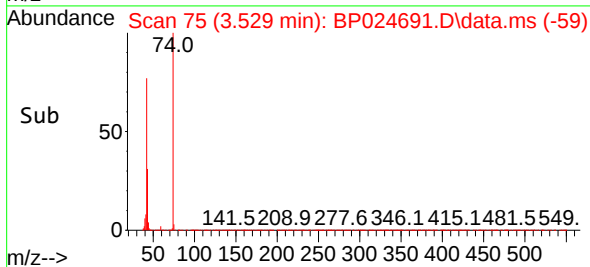
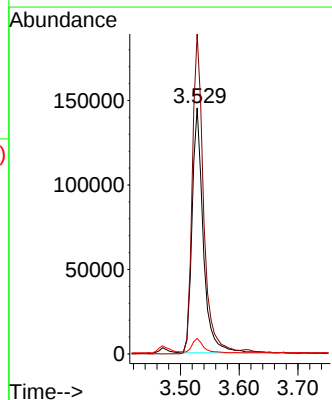
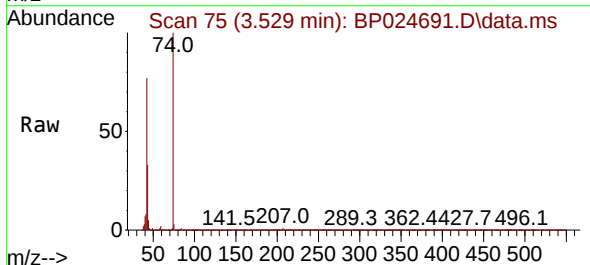


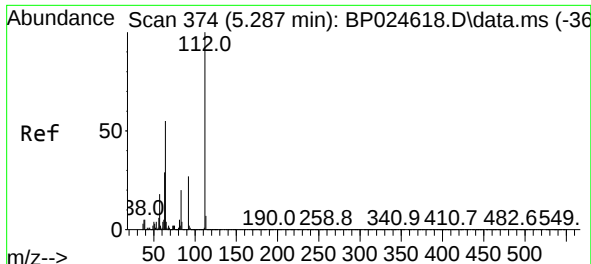
Tgt Ion: 79 Resp: 397123  
Ion Ratio Lower Upper  
79 100  
52 65.8 50.2 75.2  
51 33.2 26.8 40.2



#4  
n-Nitrosodimethylamine  
Concen: 40.618 ng  
RT: 3.529 min Scan# 75  
Delta R.T. -0.006 min  
Lab File: BP024691.D  
Acq: 19 May 2025 16:16

Tgt Ion: 42 Resp: 191800  
Ion Ratio Lower Upper  
42 100  
74 130.0 106.2 159.2  
44 6.3 5.4 8.2

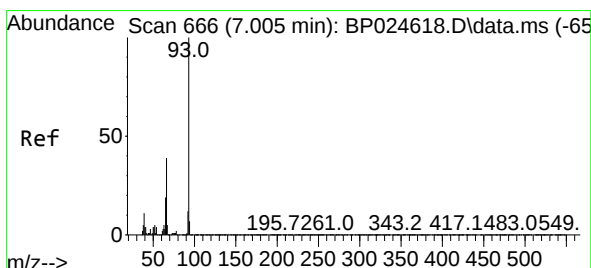
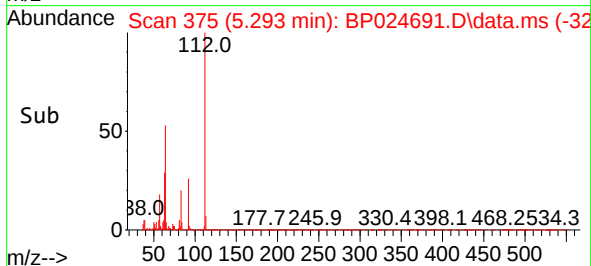
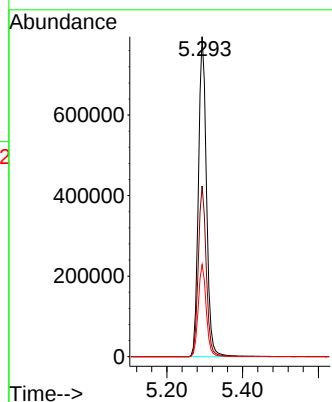
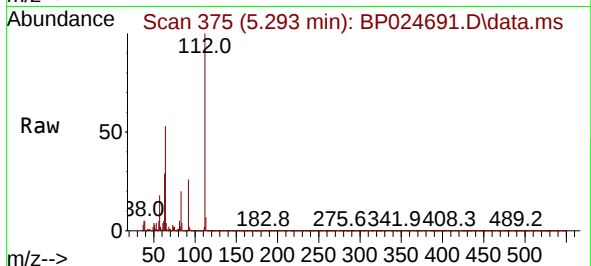




#5  
2-Fluorophenol  
Concen: 115.255 ng  
RT: 5.293 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: BP024691.D  
Acq: 19 May 2025 16:16

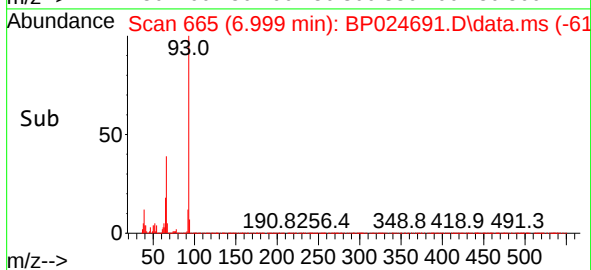
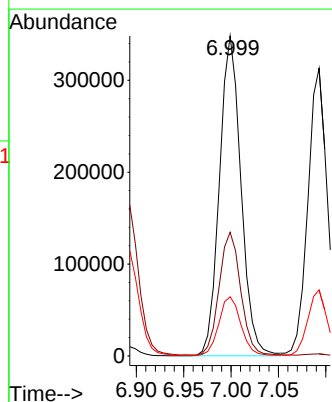
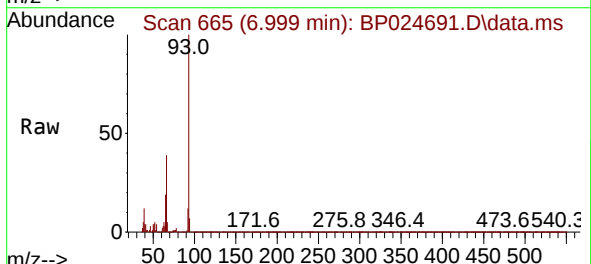
Instrument :  
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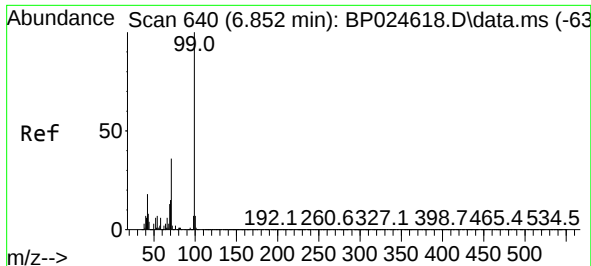
Tgt Ion:112 Resp: 1183975  
Ion Ratio Lower Upper  
112 100  
64 53.3 44.1 66.1  
63 28.8 23.5 35.3



#6  
Aniline  
Concen: 32.575 ng  
RT: 6.999 min Scan# 665  
Delta R.T. -0.006 min  
Lab File: BP024691.D  
Acq: 19 May 2025 16:16

Tgt Ion: 93 Resp: 551407  
Ion Ratio Lower Upper  
93 100  
66 38.6 31.0 46.6  
65 18.5 15.5 23.3

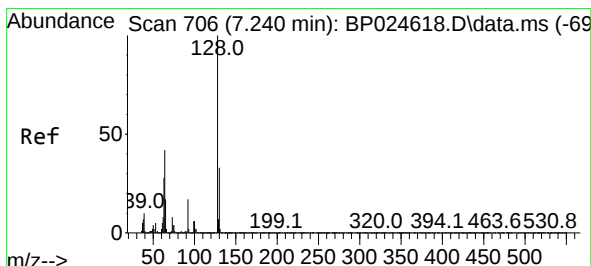
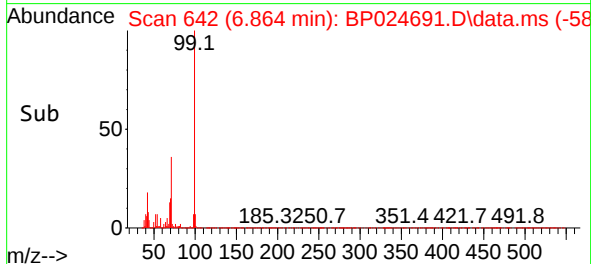
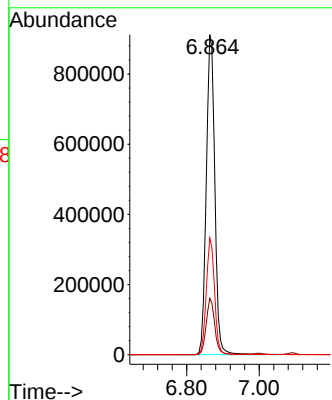
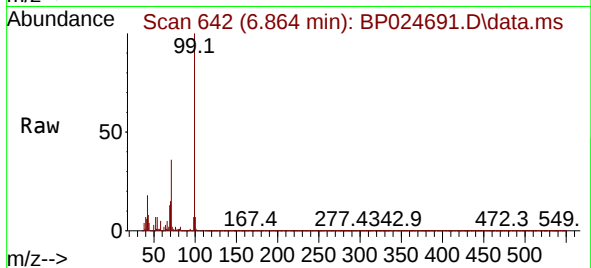




#7  
Phenol-d6  
Concen: 113.454 ng  
RT: 6.864 min Scan# 640  
Delta R.T. 0.012 min  
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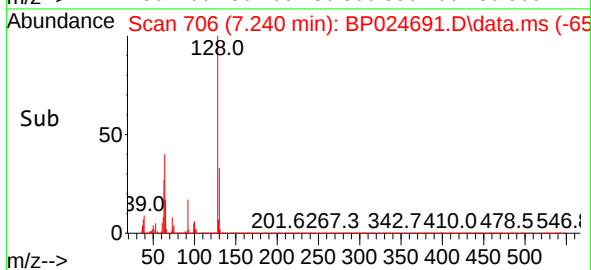
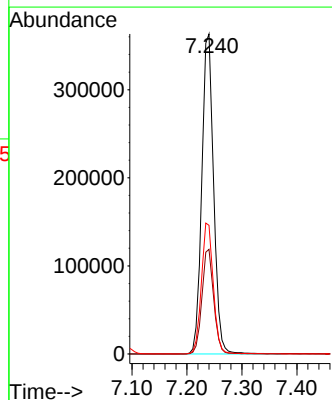
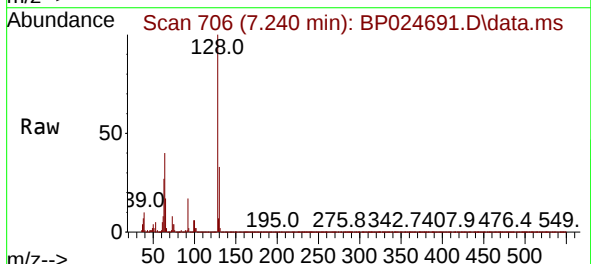
Instrument :  
BNA\_P  
ClientSampleId :

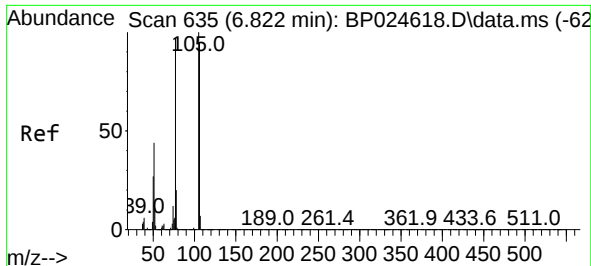
Tgt Ion: 99 Resp: 1487465  
Ion Ratio Lower Upper  
99 100  
42 17.6 14.4 21.6  
71 36.4 29.2 43.8



#8  
2-Chlorophenol  
Concen: 46.655 ng  
RT: 7.240 min Scan# 706  
Delta R.T. 0.000 min  
Lab File: BP024691.D  
Acq: 19 May 2025 16:16

Tgt Ion:128 Resp: 544073  
Ion Ratio Lower Upper  
128 100  
130 32.7 13.0 53.0  
64 40.2 22.3 62.3

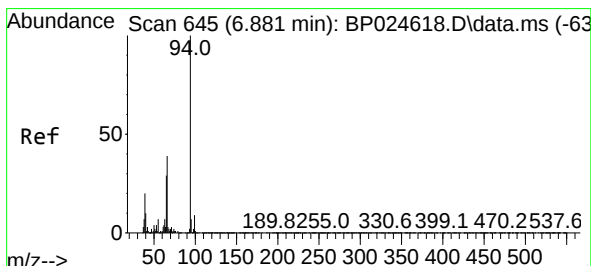
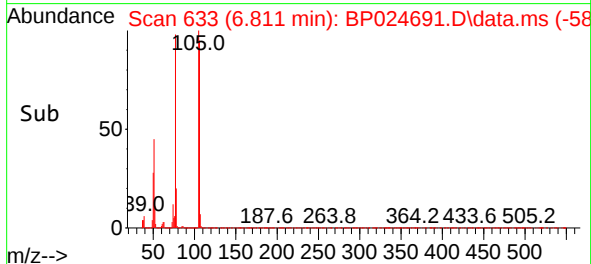
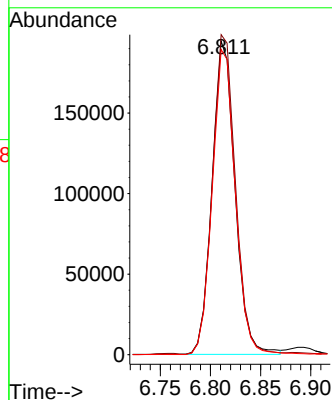
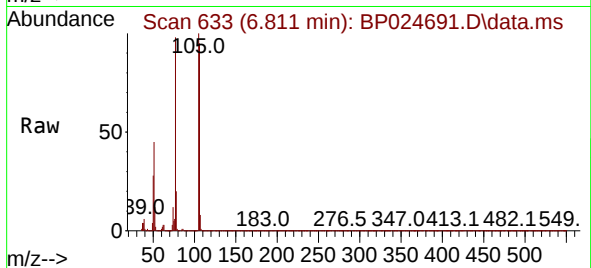




#9  
Benzaldehyde  
Concen: 36.322 ng  
RT: 6.811 min Scan# 61  
Delta R.T. -0.012 min  
Lab File: BP024691.D  
Acq: 19 May 2025 16:16

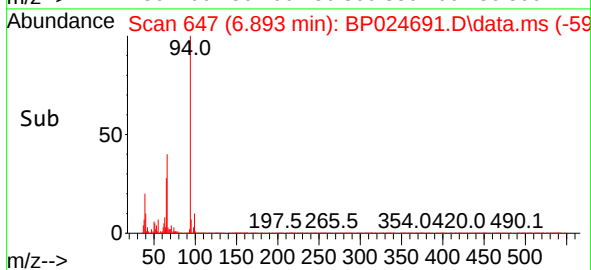
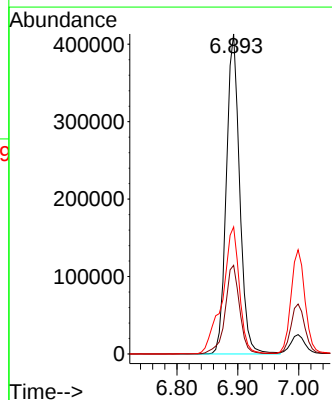
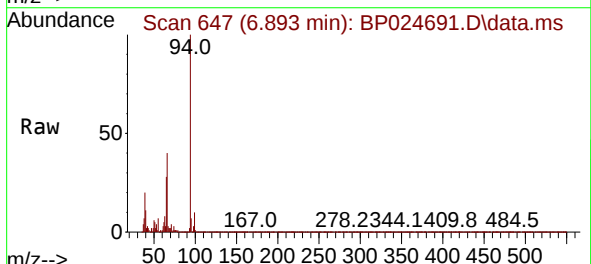
Instrument :  
BNA\_P  
ClientSampleId :

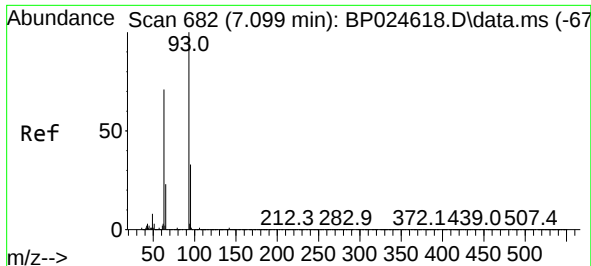
Tgt Ion: 77 Resp: 308267  
Ion Ratio Lower Upper  
77 100  
105 102.0 83.3 123.3  
106 97.3 78.0 118.0



#10  
Phenol  
Concen: 46.375 ng  
RT: 6.893 min Scan# 647  
Delta R.T. 0.012 min  
Lab File: BP024691.D  
Acq: 19 May 2025 16:16

Tgt Ion: 94 Resp: 627537  
Ion Ratio Lower Upper  
94 100  
65 27.7 8.7 48.7  
66 39.7 19.4 59.4

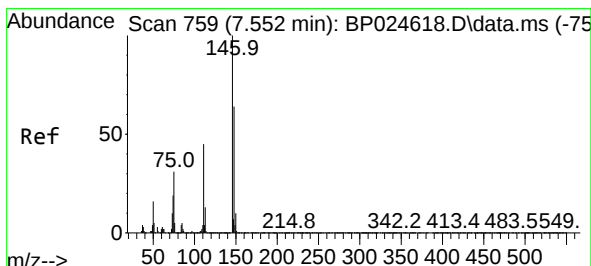
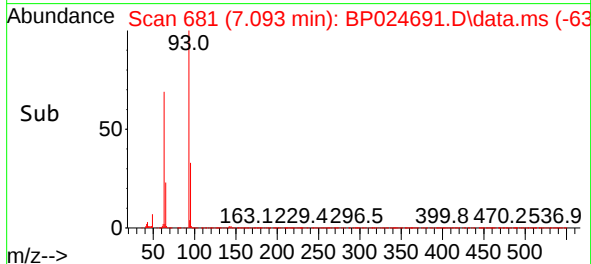
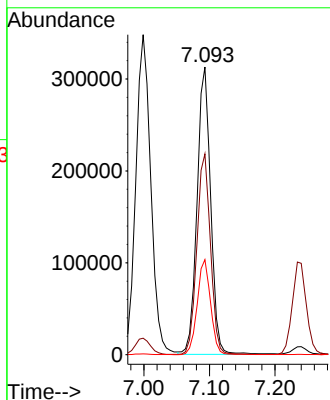
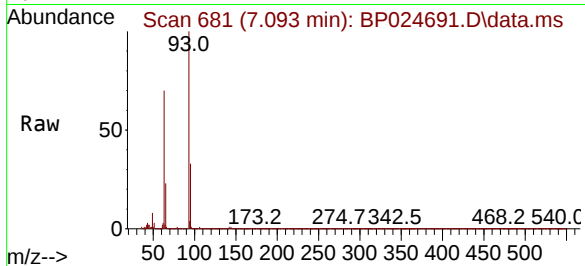




#11  
bis(2-Chloroethyl)ether  
Concen: 40.695 ng  
RT: 7.093 min Scan# 681  
Delta R.T. -0.006 min  
Lab File: BP024691.D  
Acq: 19 May 2025 16:16

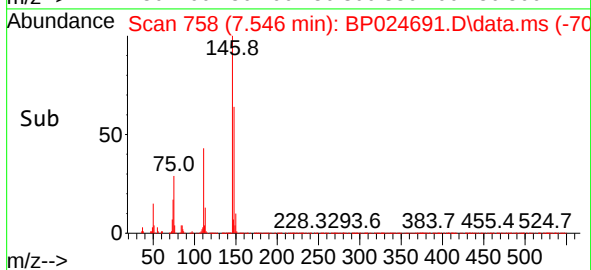
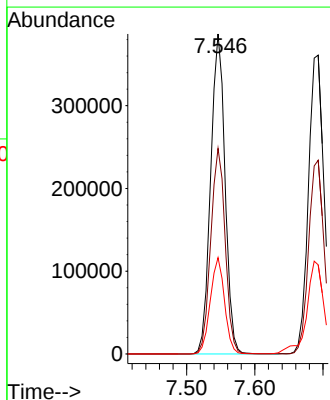
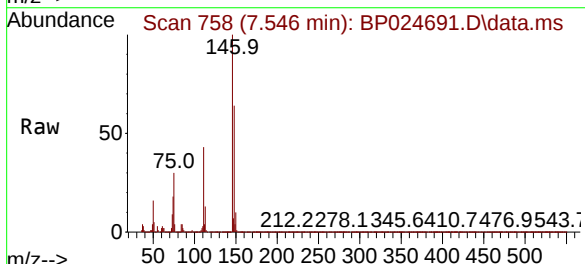
Instrument :  
BNA\_P  
ClientSampleId :

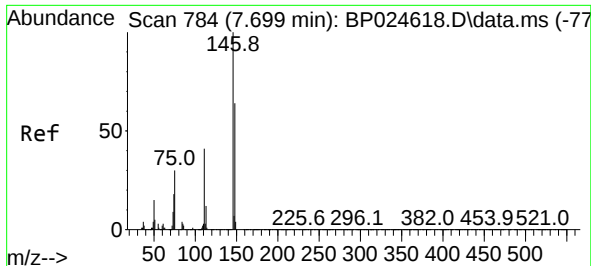
Tgt Ion: 93 Resp: 452491  
Ion Ratio Lower Upper  
93 100  
63 69.8 50.6 90.6  
95 33.0 12.9 52.9



#12  
1,3-Dichlorobenzene  
Concen: 42.320 ng  
RT: 7.546 min Scan# 758  
Delta R.T. -0.006 min  
Lab File: BP024691.D  
Acq: 19 May 2025 16:16

Tgt Ion:146 Resp: 567795  
Ion Ratio Lower Upper  
146 100  
148 64.3 51.4 77.2  
75 30.1 25.2 37.8

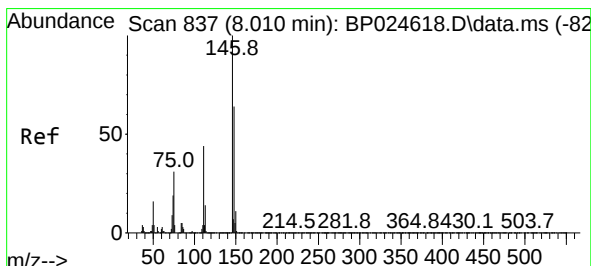
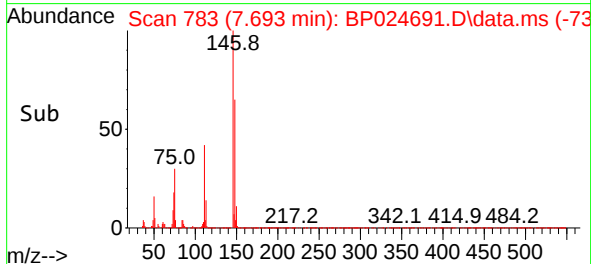
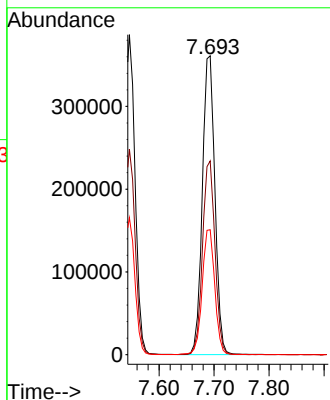
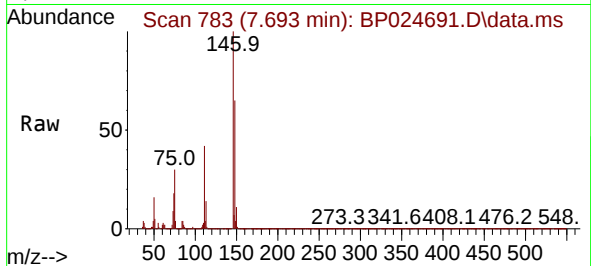




#13  
1,4-Dichlorobenzene  
Concen: 42.384 ng  
RT: 7.693 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BP024691.D  
Acq: 19 May 2025 16:16

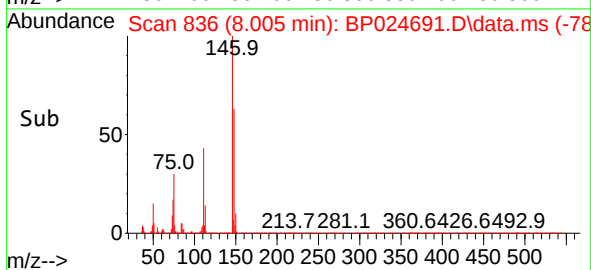
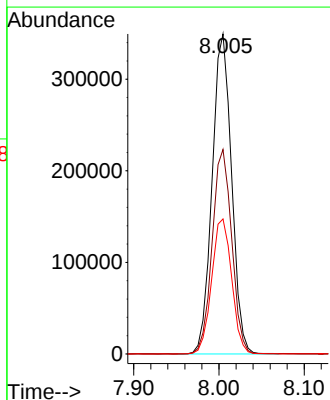
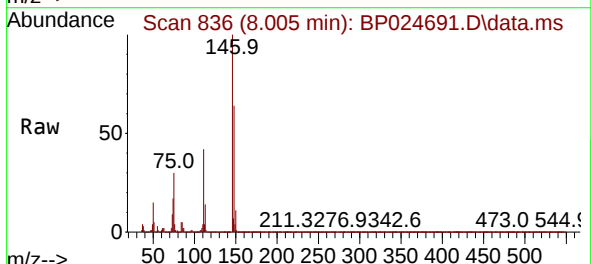
Instrument :  
BNA\_P  
ClientSampleId :

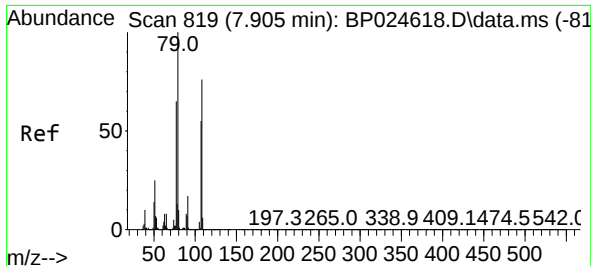
Tgt Ion:146 Resp: 571945  
Ion Ratio Lower Upper  
146 100  
148 64.8 51.0 76.6  
111 41.8 33.0 49.6



#14  
1,2-Dichlorobenzene  
Concen: 42.084 ng  
RT: 8.005 min Scan# 836  
Delta R.T. -0.006 min  
Lab File: BP024691.D  
Acq: 19 May 2025 16:16

Tgt Ion:146 Resp: 553367  
Ion Ratio Lower Upper  
146 100  
148 63.9 51.0 76.4  
111 42.2 35.2 52.8

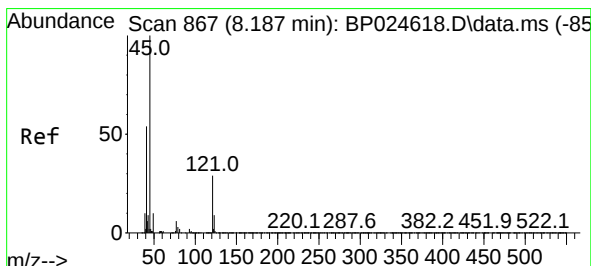
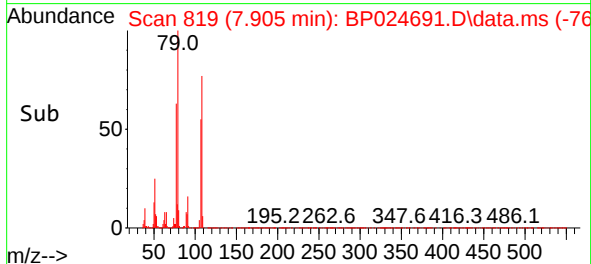
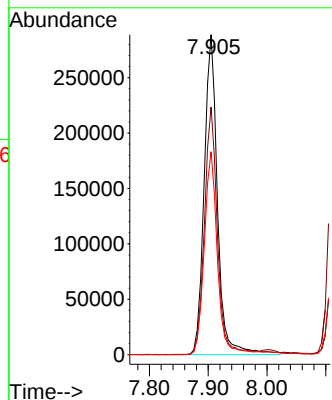
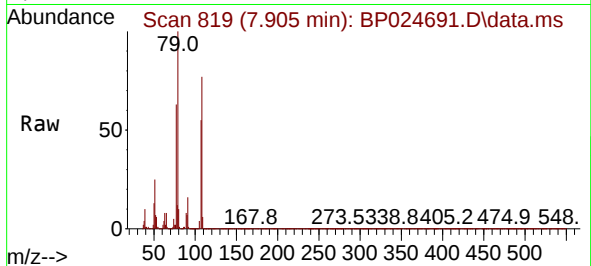




#15  
Benzyl Alcohol  
Concen: 45.763 ng  
RT: 7.905 min Scan# 819  
Delta R.T. 0.000 min  
Lab File: BP024691.D  
Acq: 19 May 2025 16:16

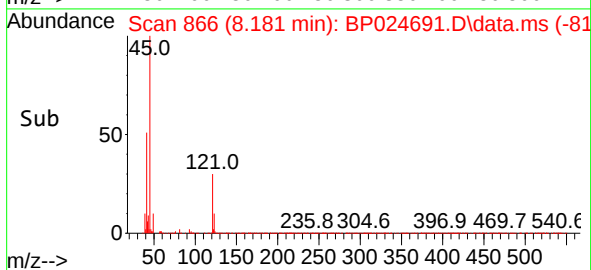
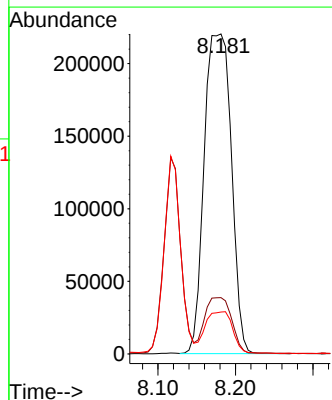
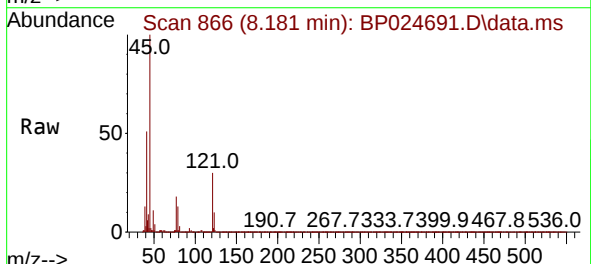
Instrument :  
BNA\_P  
ClientSampleId :

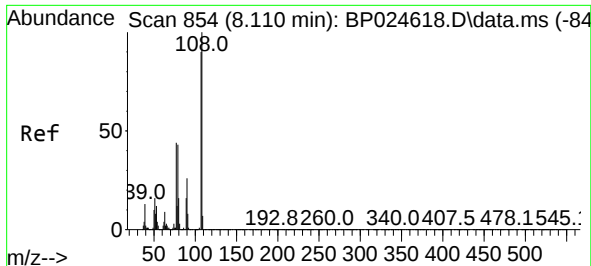
Tgt Ion: 79 Resp: 455941  
Ion Ratio Lower Upper  
79 100  
108 77.4 60.8 91.2  
77 63.5 51.9 77.9



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 40.260 ng  
RT: 8.181 min Scan# 866  
Delta R.T. -0.006 min  
Lab File: BP024691.D  
Acq: 19 May 2025 16:16

Tgt Ion: 45 Resp: 536108  
Ion Ratio Lower Upper  
45 100  
77 17.6 0.0 37.7  
79 13.1 0.0 34.0





#17

2-Methylphenol

Concen: 45.616 ng

RT: 8.117 min Scan# 8

Delta R.T. 0.006 min

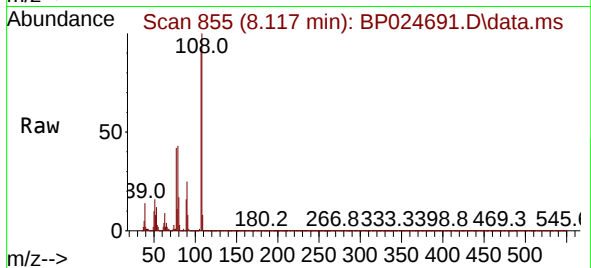
Lab File: BP024691.D

Acq: 19 May 2025 16:16

Instrument :

BNA\_P

ClientSampleId :



Tgt Ion:107 Resp: 442728

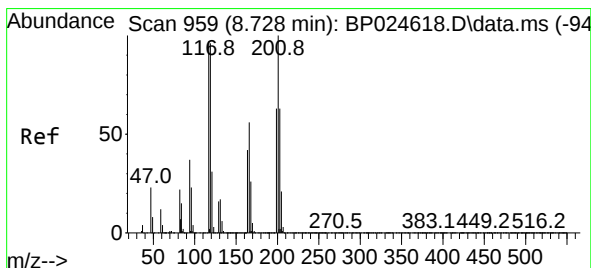
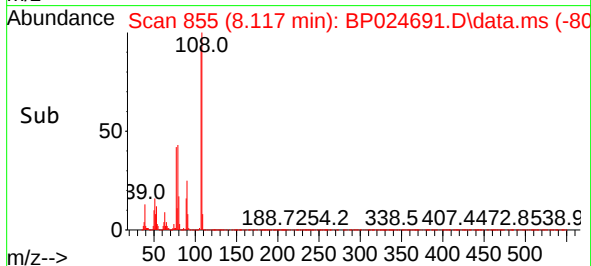
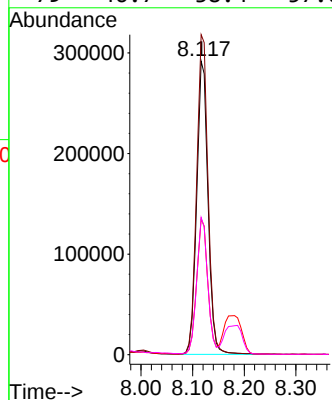
Ion Ratio Lower Upper

107 100

108 109.0 88.9 133.3

77 46.3 39.0 58.6

79 46.7 38.4 57.6



#18

Hexachloroethane

Concen: 41.038 ng

RT: 8.722 min Scan# 958

Delta R.T. -0.006 min

Lab File: BP024691.D

Acq: 19 May 2025 16:16

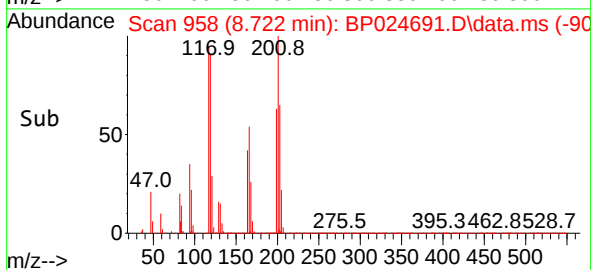
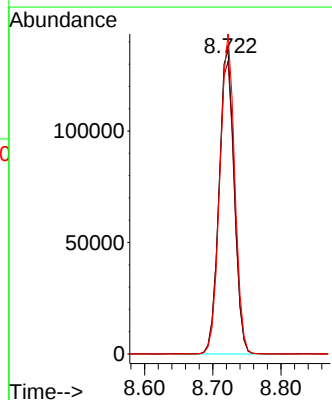
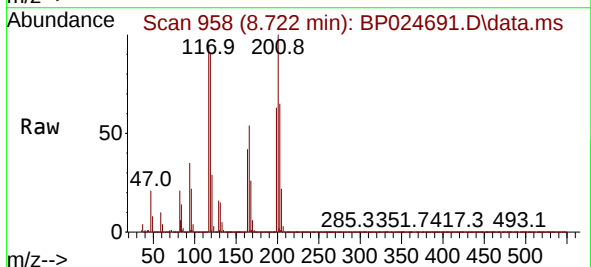
Tgt Ion:117 Resp: 212213

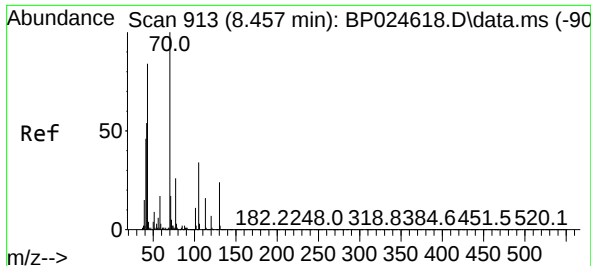
Ion Ratio Lower Upper

117 100

119 96.2 79.4 119.0

201 105.3 82.7 124.1

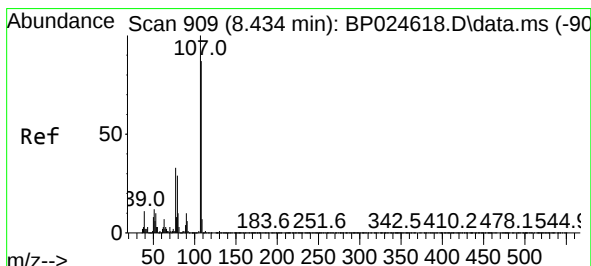
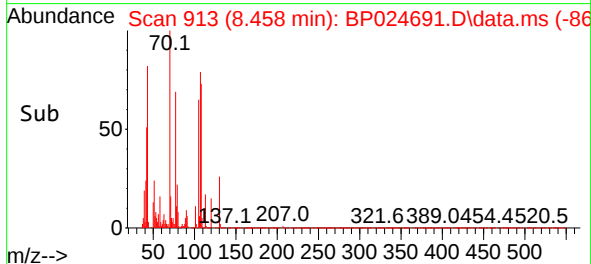
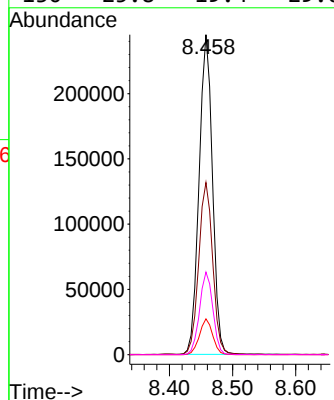
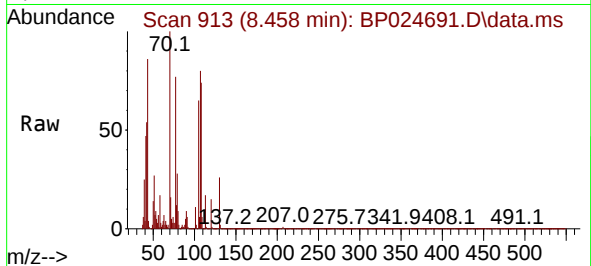




#19  
n-Nitroso-di-n-propylamine  
Concen: 39.745 ng  
RT: 8.458 min Scan# 911  
Delta R.T. 0.000 min  
Lab File: BP024691.D  
Acq: 19 May 2025 16:16

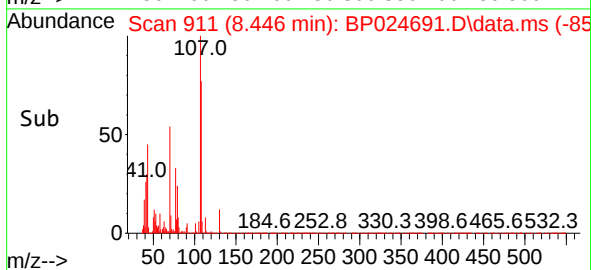
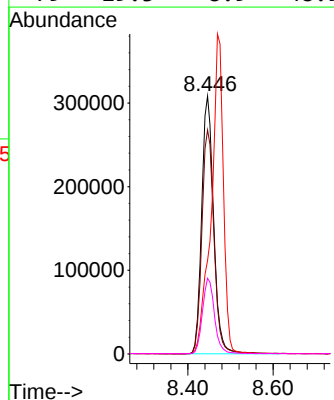
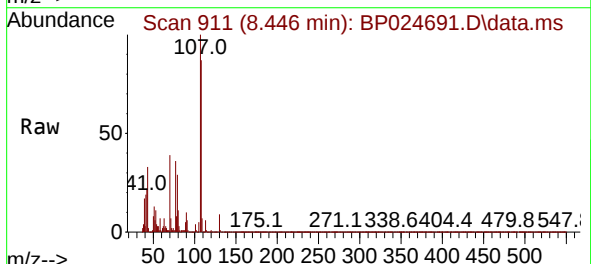
Instrument :  
BNA\_P  
ClientSampleId :

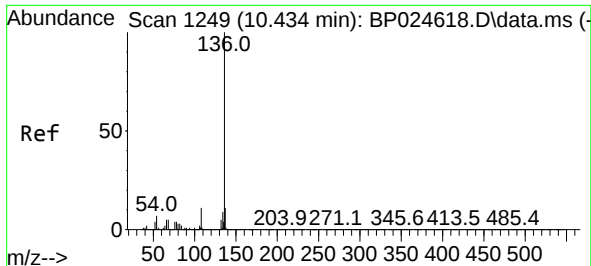
Tgt Ion: 70 Resp: 360456  
Ion Ratio Lower Upper  
70 100  
42 53.8 43.0 64.6  
101 11.2 8.7 13.1  
130 25.8 19.4 29.0



#20  
3+4-Methylphenols  
Concen: 45.367 ng  
RT: 8.446 min Scan# 911  
Delta R.T. 0.012 min  
Lab File: BP024691.D  
Acq: 19 May 2025 16:16

Tgt Ion: 107 Resp: 598942  
Ion Ratio Lower Upper  
107 100  
108 86.8 66.7 106.7  
77 36.2 13.1 53.1  
79 29.3 8.9 48.9

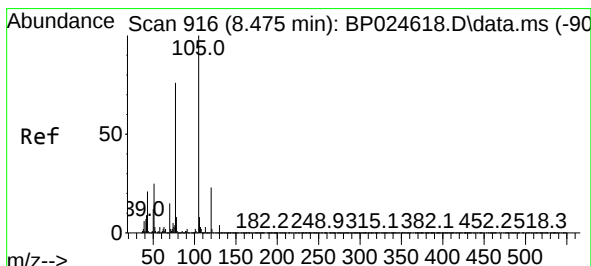
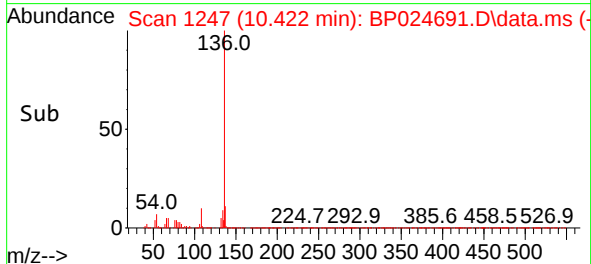
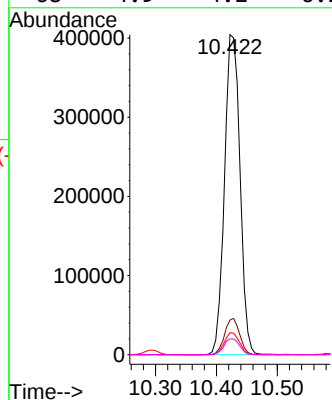
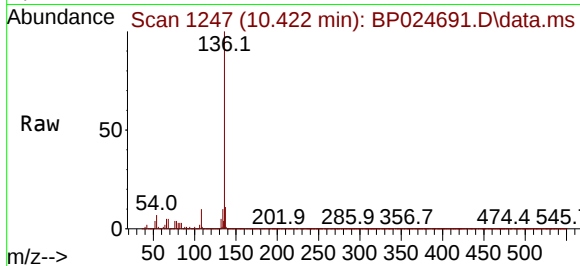




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.422 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BP024691.D  
Acq: 19 May 2025 16:16

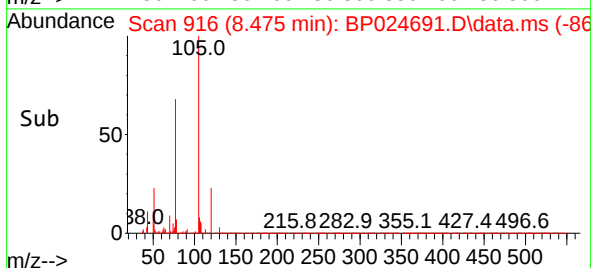
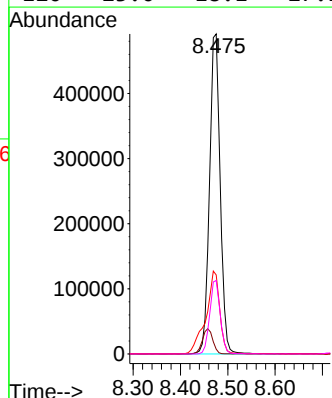
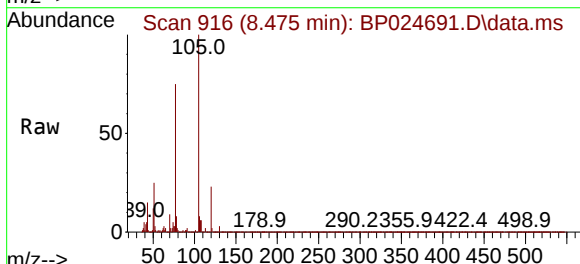
Instrument :  
BNA\_P  
ClientSampleId :

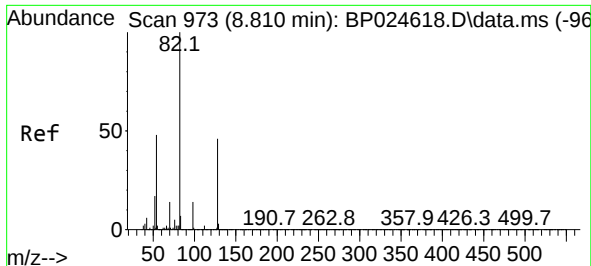
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 713844 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.8  | 8.8   | 13.2   |
| 54       | 6.9   | 5.5   | 8.3    |
| 68       | 4.9   | 4.2   | 6.2    |



#22  
Acetophenone  
Concen: 43.084 ng  
RT: 8.475 min Scan# 916  
Delta R.T. 0.000 min  
Lab File: BP024691.D  
Acq: 19 May 2025 16:16

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 768246 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 1.5   | 2.0   | 3.0    |
| 51       | 24.7  | 20.4  | 30.6   |
| 120      | 23.0  | 18.1  | 27.1   |

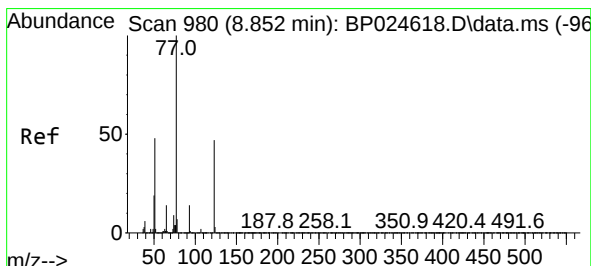
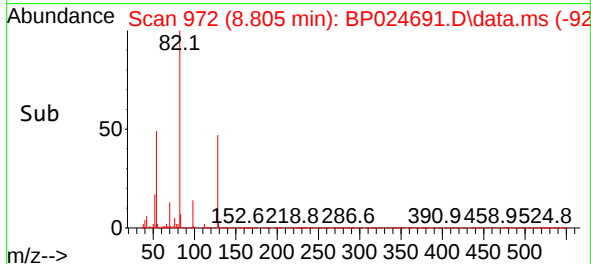
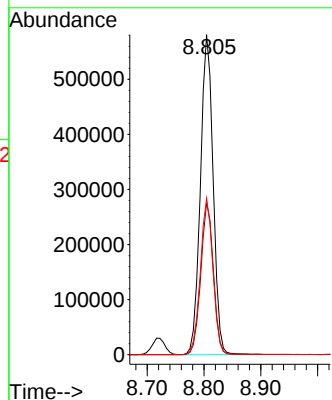
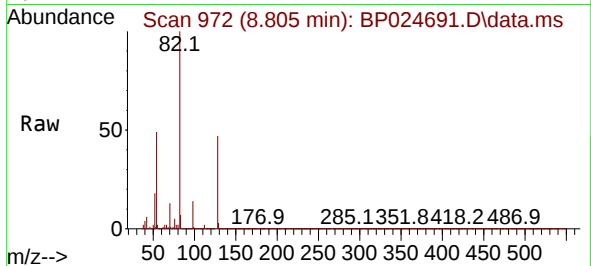




#23  
Nitrobenzene-d5  
Concen: 64.000 ng  
RT: 8.805 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BP024691.D  
Acq: 19 May 2025 16:16

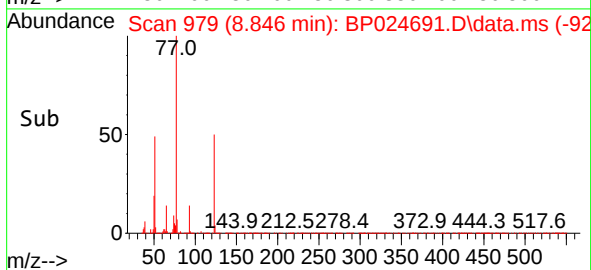
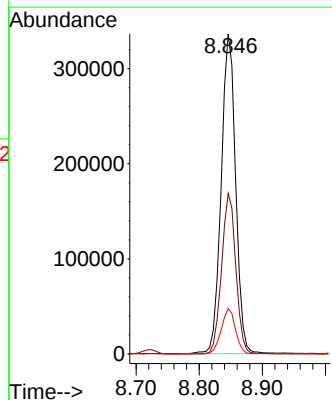
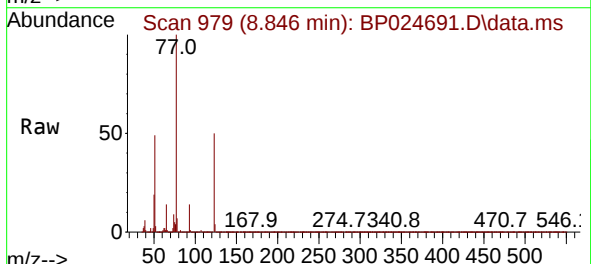
Instrument :  
BNA\_P  
ClientSampleId :

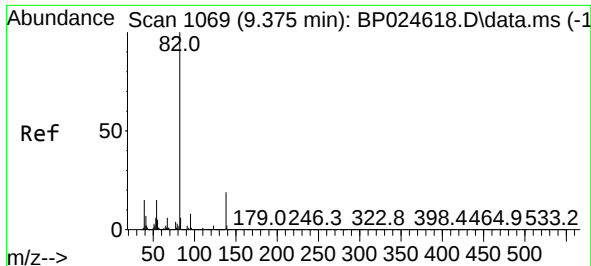
Tgt Ion: 82 Resp: 904196  
Ion Ratio Lower Upper  
82 100  
128 47.5 37.0 55.4  
54 48.8 38.7 58.1



#24  
Nitrobenzene  
Concen: 43.041 ng  
RT: 8.846 min Scan# 979  
Delta R.T. -0.006 min  
Lab File: BP024691.D  
Acq: 19 May 2025 16:16

Tgt Ion: 77 Resp: 535124  
Ion Ratio Lower Upper  
77 100  
123 50.2 37.4 56.0  
65 14.1 11.3 16.9

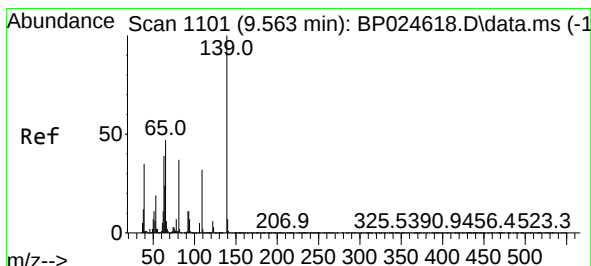
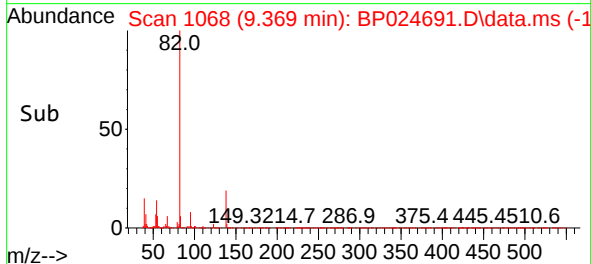
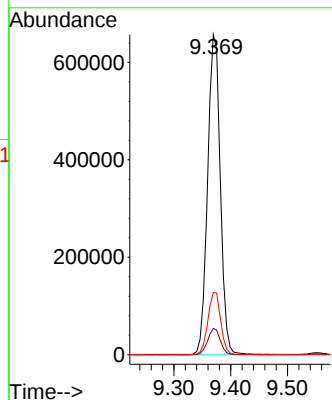
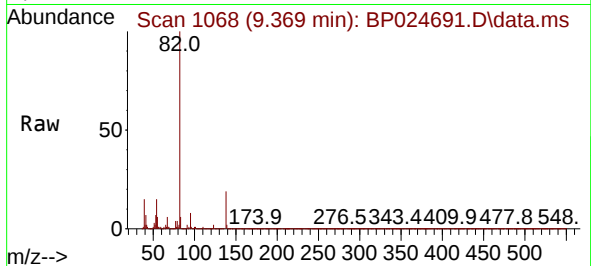




#25  
Isophorone  
Concen: 41.370 ng  
RT: 9.369 min Scan# 1068  
Delta R.T. -0.006 min  
Lab File: BP024691.D  
Acq: 19 May 2025 16:16

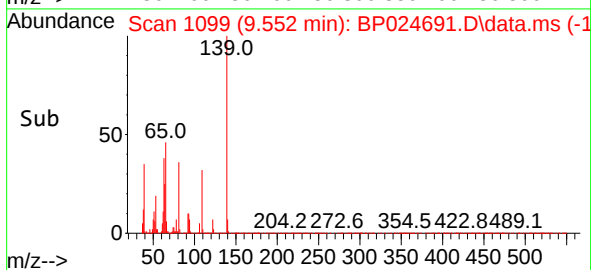
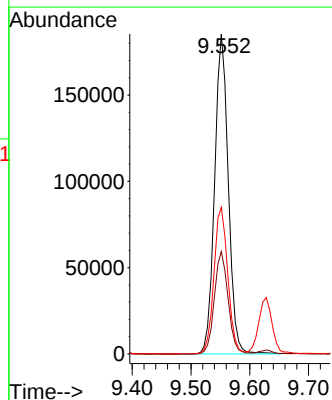
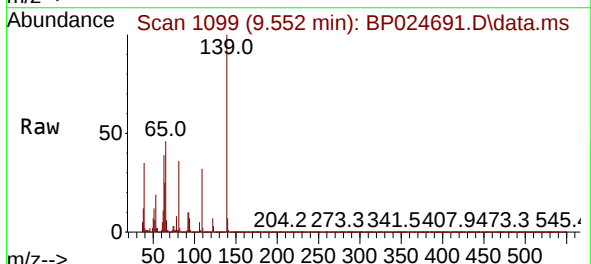
Instrument :  
BNA\_P  
ClientSampleId :

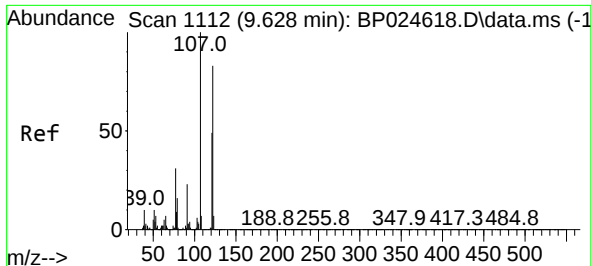
Tgt Ion: 82 Resp: 1013860  
Ion Ratio Lower Upper  
82 100  
95 8.2 6.3 9.5  
138 19.4 15.3 22.9



#26  
2-Nitrophenol  
Concen: 49.135 ng  
RT: 9.552 min Scan# 1099  
Delta R.T. -0.012 min  
Lab File: BP024691.D  
Acq: 19 May 2025 16:16

Tgt Ion:139 Resp: 299350  
Ion Ratio Lower Upper  
139 100  
109 32.0 25.9 38.9  
65 45.8 37.9 56.9





#27

2,4-Dimethylphenol

Concen: 46.422 ng

RT: 9.628 min Scan# 1112

Delta R.T. 0.000 min

Lab File: BP024691.D

Acq: 19 May 2025 16:16

Instrument :

BNA\_P

ClientSampleId :

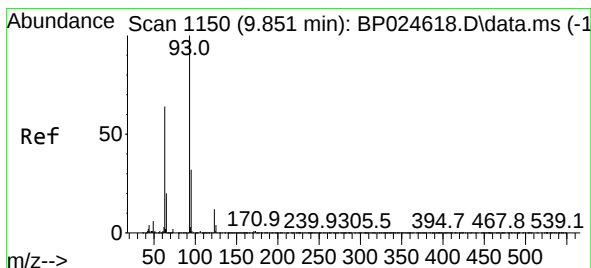
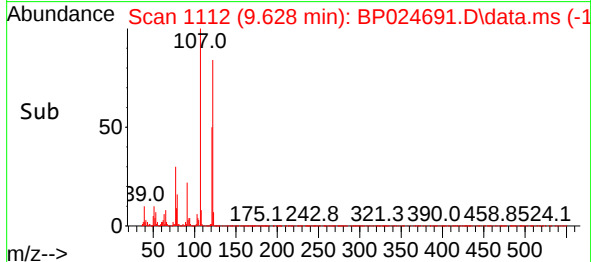
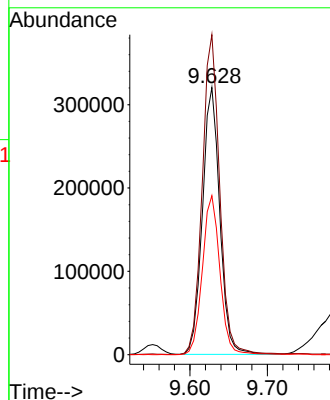
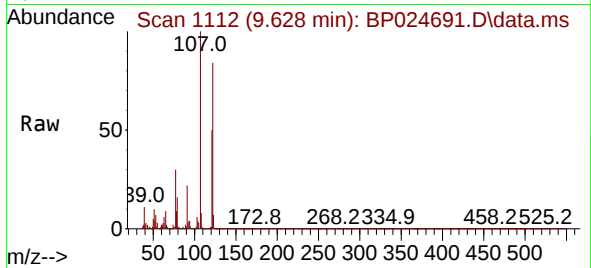
Tgt Ion:122 Resp: 498635

Ion Ratio Lower Upper

122 100

107 119.7 96.2 144.2

121 59.5 47.6 71.4



#28

bis(2-Chloroethoxy)methane

Concen: 42.349 ng

RT: 9.846 min Scan# 1149

Delta R.T. -0.006 min

Lab File: BP024691.D

Acq: 19 May 2025 16:16

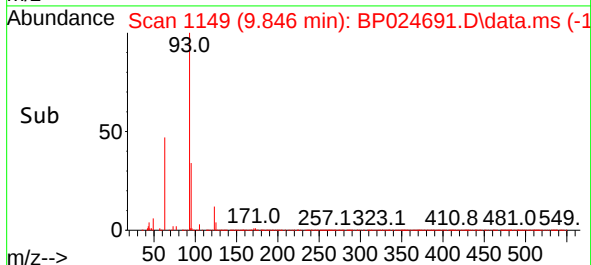
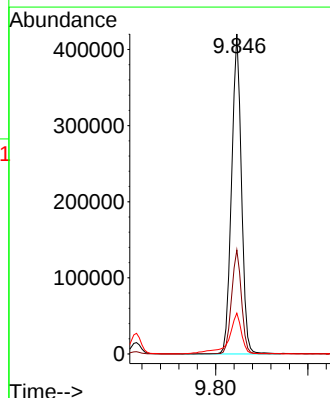
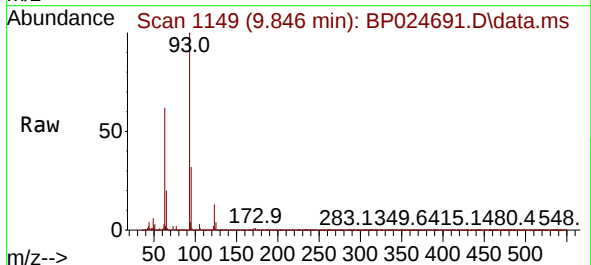
Tgt Ion: 93 Resp: 620045

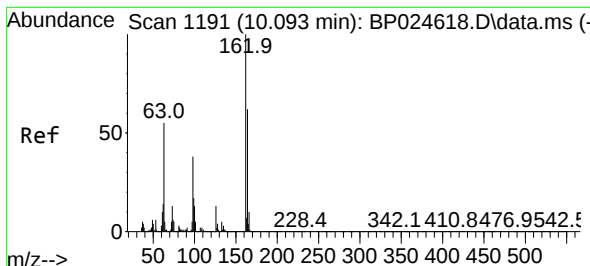
Ion Ratio Lower Upper

93 100

95 32.5 25.5 38.3

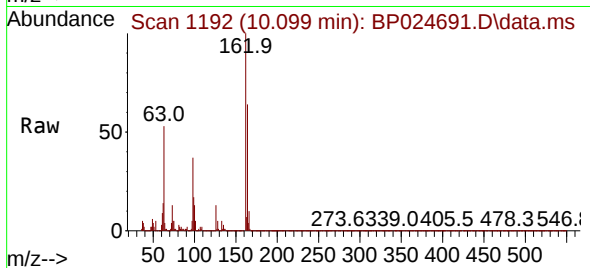
123 12.8 9.7 14.5



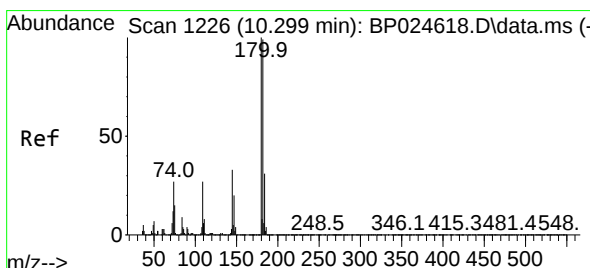
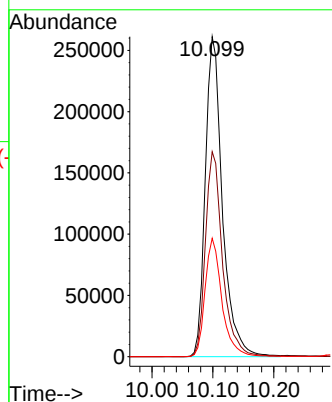
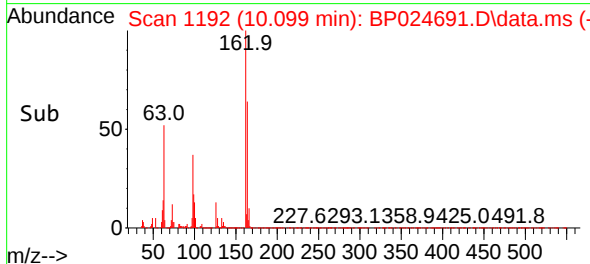


#29  
2,4-Dichlorophenol  
Concen: 49.151 ng  
RT: 10.099 min Scan# 1191  
Delta R.T. 0.006 min  
Lab File: BP024691.D  
Acq: 19 May 2025 16:16

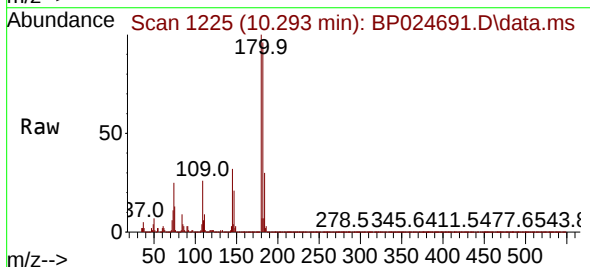
Instrument :  
BNA\_P  
ClientSampleId :



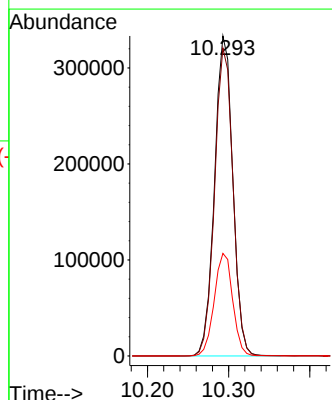
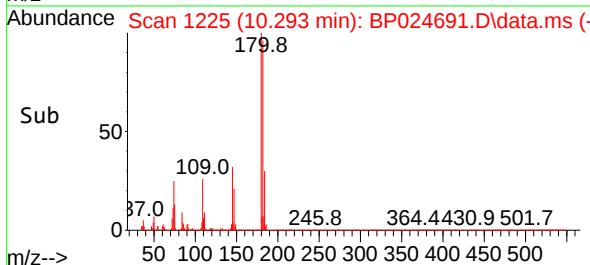
Tgt Ion:162 Resp: 511609  
Ion Ratio Lower Upper  
162 100  
164 64.1 42.3 82.3  
98 37.0 18.4 58.4

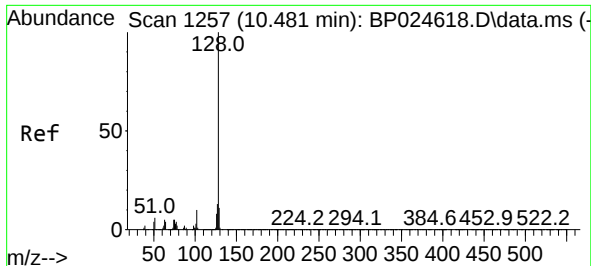


#30  
1,2,4-Trichlorobenzene  
Concen: 44.496 ng  
RT: 10.293 min Scan# 1225  
Delta R.T. -0.006 min  
Lab File: BP024691.D  
Acq: 19 May 2025 16:16



Tgt Ion:180 Resp: 521929  
Ion Ratio Lower Upper  
180 100  
182 96.2 79.0 118.4  
145 32.0 26.6 39.8

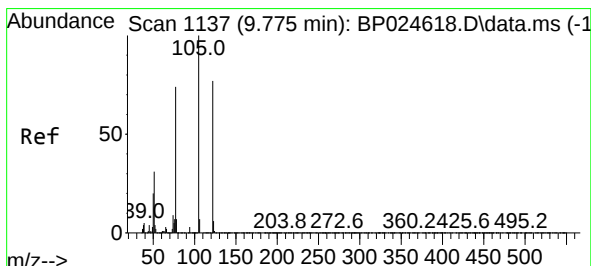
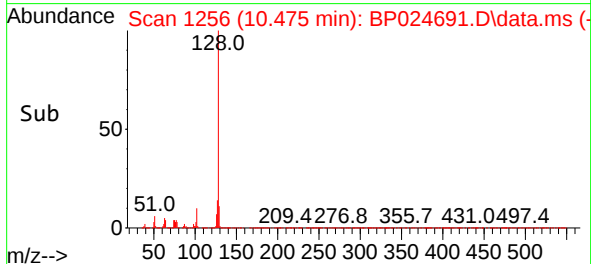
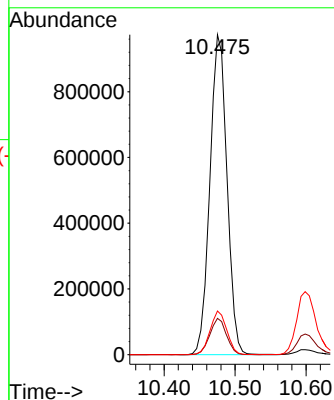
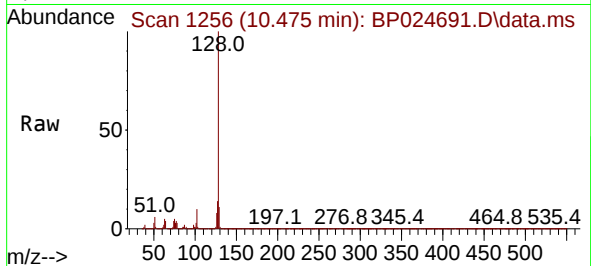




#31  
Naphthalene  
Concen: 43.882 ng  
RT: 10.475 min Scan# 1145  
Delta R.T. -0.006 min  
Lab File: BP024691.D  
Acq: 19 May 2025 16:16

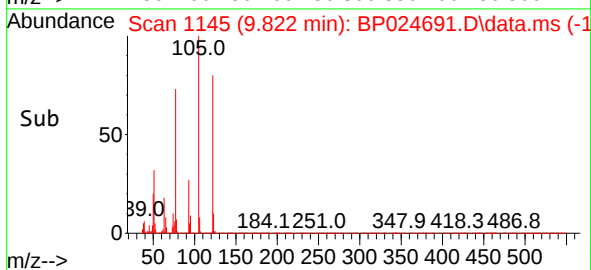
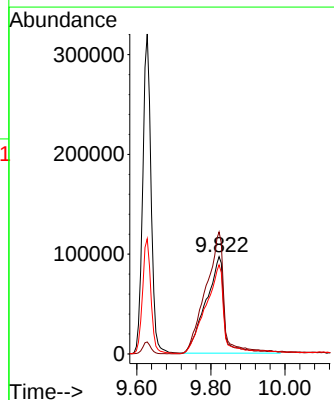
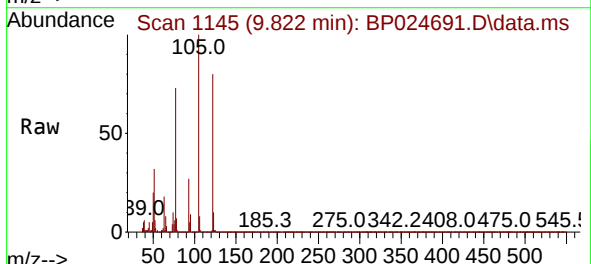
Instrument :  
BNA\_P  
ClientSampleId :

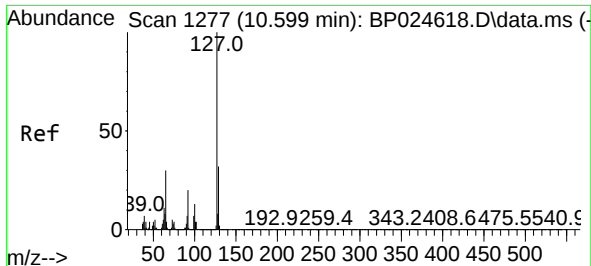
Tgt Ion:128 Resp: 1623285  
Ion Ratio Lower Upper  
128 100  
129 11.3 8.8 13.2  
127 13.7 10.7 16.1



#32  
Benzoic acid  
Concen: 45.356 ng  
RT: 9.822 min Scan# 1145  
Delta R.T. 0.047 min  
Lab File: BP024691.D  
Acq: 19 May 2025 16:16

Tgt Ion:122 Resp: 335518  
Ion Ratio Lower Upper  
122 100  
105 125.5 106.9 146.9  
77 91.6 75.1 115.1

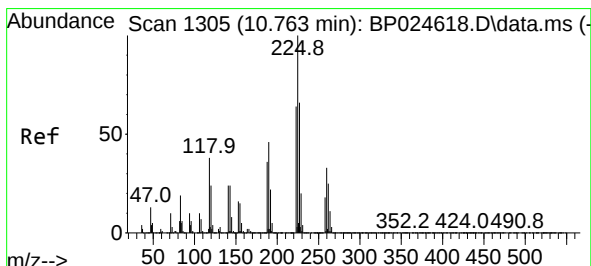
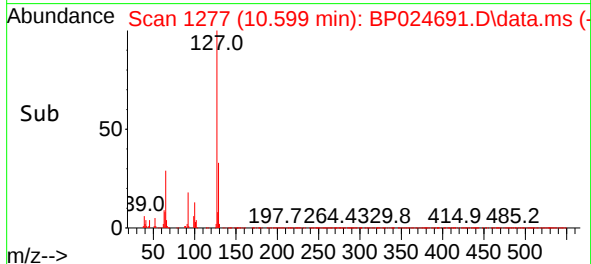
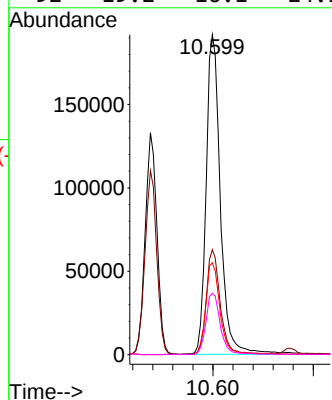
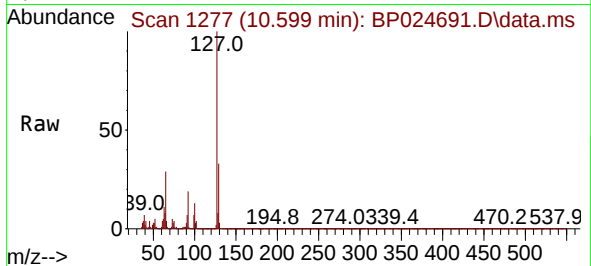




#33  
4-Chloroaniline  
Concen: 25.199 ng  
RT: 10.599 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BP024691.D  
Acq: 19 May 2025 16:16

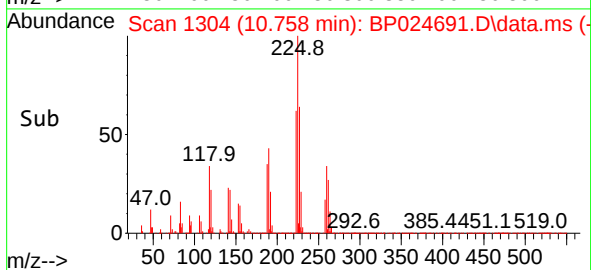
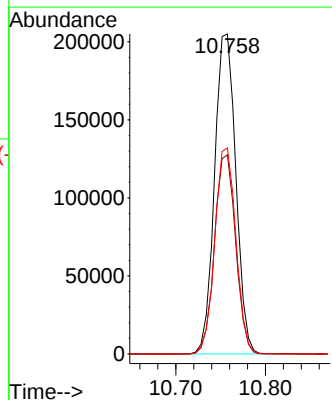
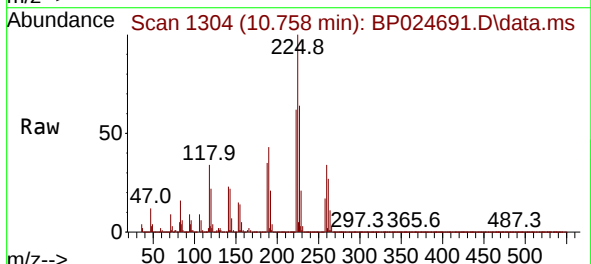
Instrument :  
BNA\_P  
ClientSampleId :

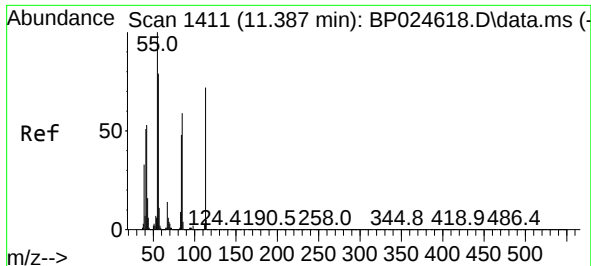
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 376160 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.8  | 25.8  | 38.6   |
| 65       | 28.7  | 23.9  | 35.9   |
| 92       | 19.2  | 16.1  | 24.1   |



#34  
Hexachlorobutadiene  
Concen: 44.392 ng  
RT: 10.758 min Scan# 1304  
Delta R.T. -0.006 min  
Lab File: BP024691.D  
Acq: 19 May 2025 16:16

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 337318 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.3  | 51.0  | 76.6   |
| 227      | 64.4  | 53.1  | 79.7   |

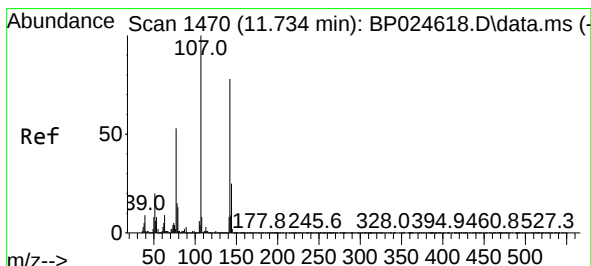
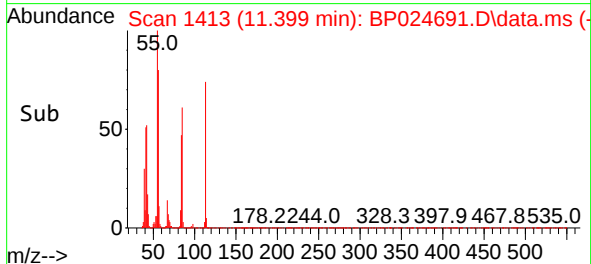
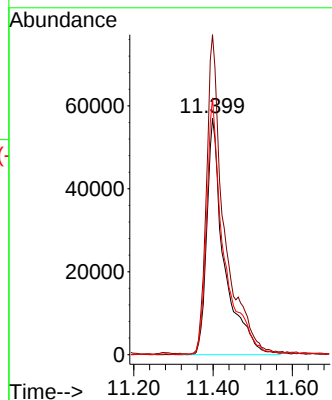
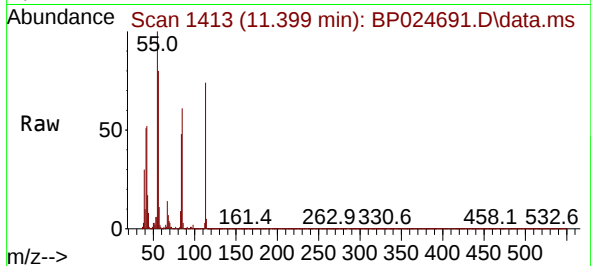




#35  
Caprolactam  
Concen: 46.005 ng  
RT: 11.399 min Scan# 1411  
Delta R.T. 0.012 min  
Lab File: BP024691.D  
Acq: 19 May 2025 16:16

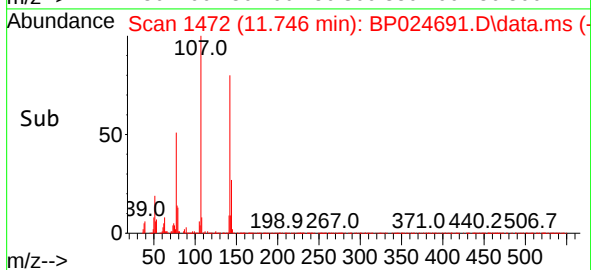
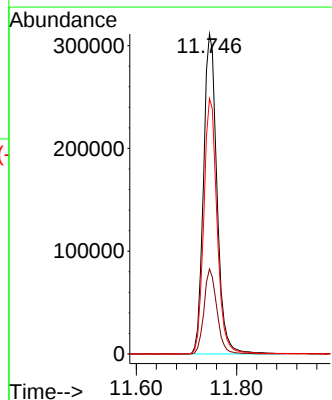
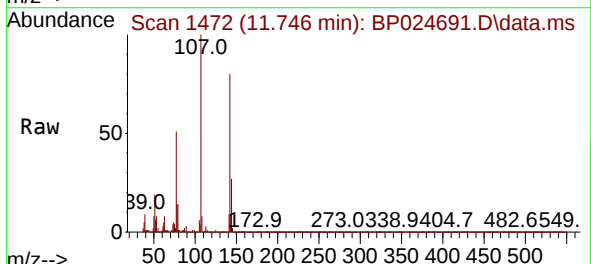
Instrument :  
BNA\_P  
ClientSampleId :

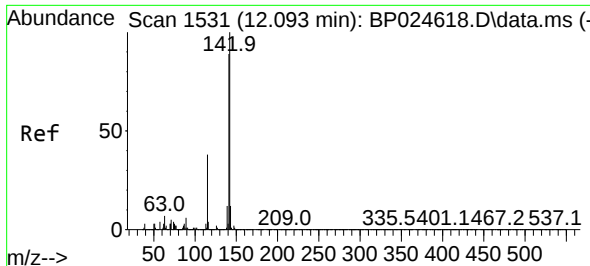
Tgt Ion:113 Resp: 173255  
Ion Ratio Lower Upper  
113 100  
55 135.3 119.0 159.0  
56 108.6 90.3 130.3



#36  
4-Chloro-3-methylphenol  
Concen: 45.741 ng  
RT: 11.746 min Scan# 1472  
Delta R.T. 0.012 min  
Lab File: BP024691.D  
Acq: 19 May 2025 16:16

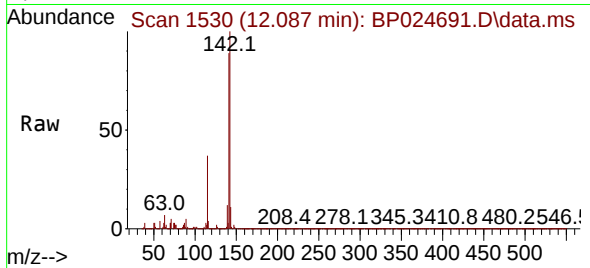
Tgt Ion:107 Resp: 580626  
Ion Ratio Lower Upper  
107 100  
144 26.5 20.1 30.1  
142 79.8 62.1 93.1



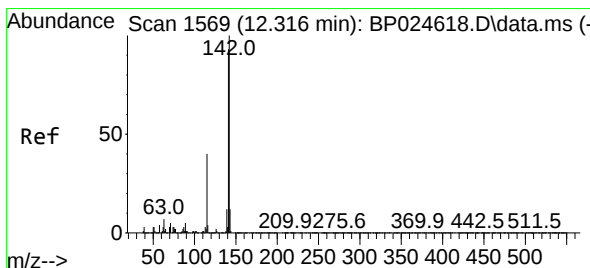
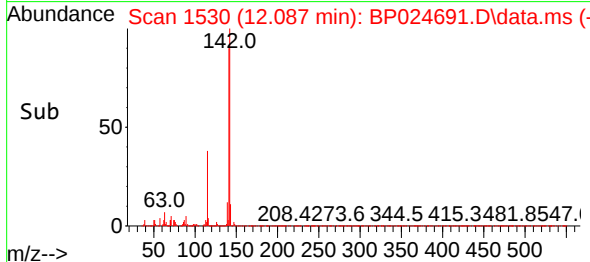
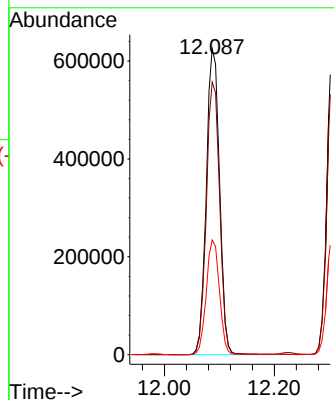


#37  
2-Methylnaphthalene  
Concen: 43.679 ng  
RT: 12.087 min Scan# 1530  
Delta R.T. -0.006 min  
Lab File: BP024691.D  
Acq: 19 May 2025 16:16

Instrument :  
BNA\_P  
ClientSampleId :

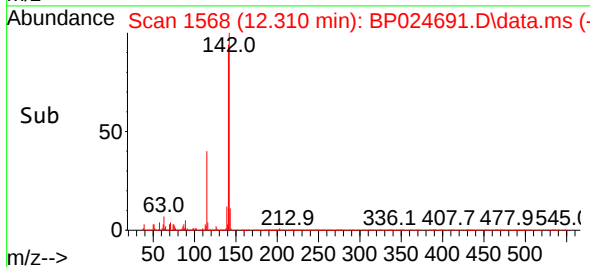
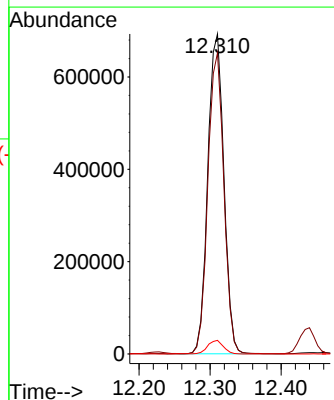
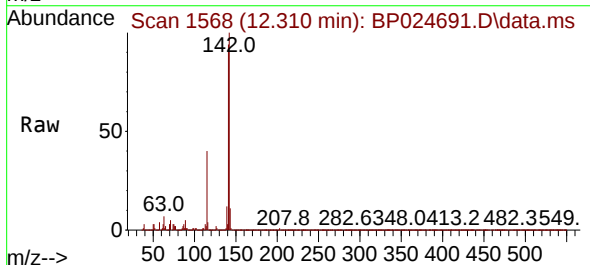


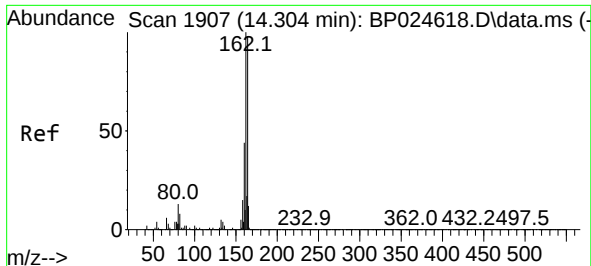
Tgt Ion:142 Resp: 1046239  
Ion Ratio Lower Upper  
142 100  
141 89.1 71.2 106.8  
115 37.5 30.6 46.0



#38  
1-Methylnaphthalene  
Concen: 42.620 ng  
RT: 12.310 min Scan# 1568  
Delta R.T. -0.006 min  
Lab File: BP024691.D  
Acq: 19 May 2025 16:16

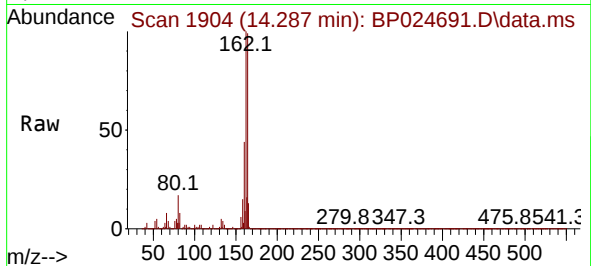
Tgt Ion:142 Resp: 1092307  
Ion Ratio Lower Upper  
142 100  
141 94.0 74.7 112.1  
116 4.2 3.4 5.2



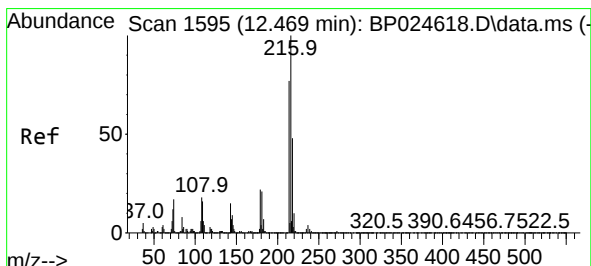
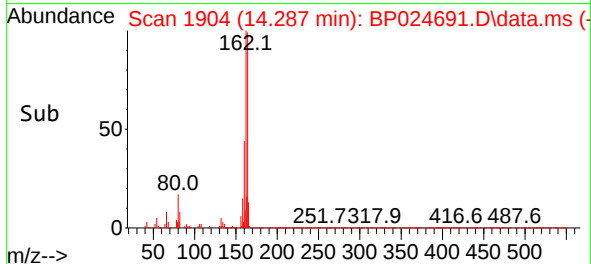
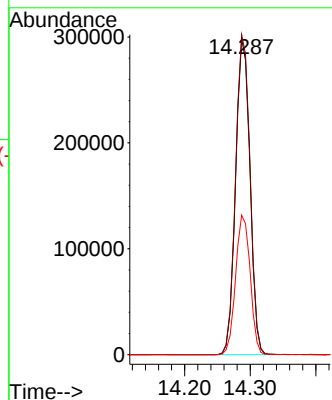


#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.287 min Scan# 1904  
Delta R.T. -0.017 min  
Lab File: BP024691.D  
Acq: 19 May 2025 16:16

Instrument :  
BNA\_P  
ClientSampleId :

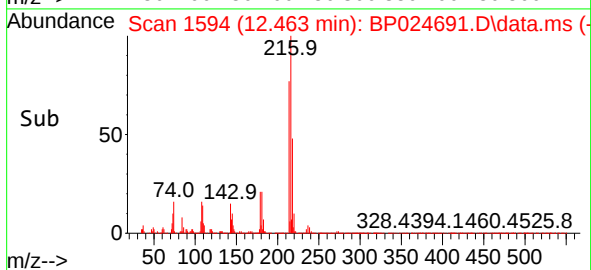
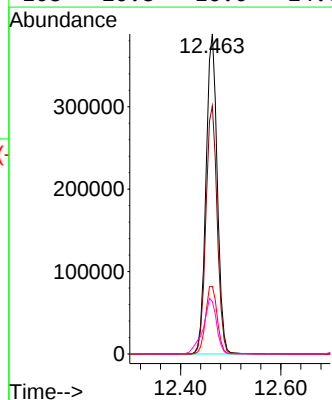
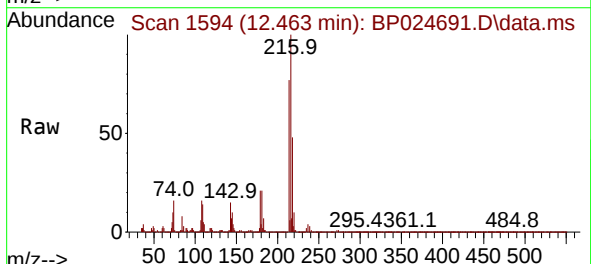


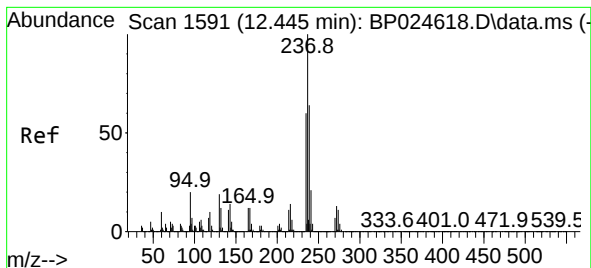
Tgt Ion:164 Resp: 453670  
Ion Ratio Lower Upper  
164 100  
162 101.3 81.8 122.6  
160 44.2 36.3 54.5



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 45.820 ng  
RT: 12.463 min Scan# 1594  
Delta R.T. -0.006 min  
Lab File: BP024691.D  
Acq: 19 May 2025 16:16

Tgt Ion:216 Resp: 603629  
Ion Ratio Lower Upper  
216 100  
214 78.0 62.3 93.5  
179 22.0 17.7 26.5  
108 20.8 16.0 24.0





#41

Hexachlorocyclopentadiene

Concen: 90.891 ng

RT: 12.440 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP024691.D

Acq: 19 May 2025 16:16

Instrument :

BNA\_P

ClientSampleId :

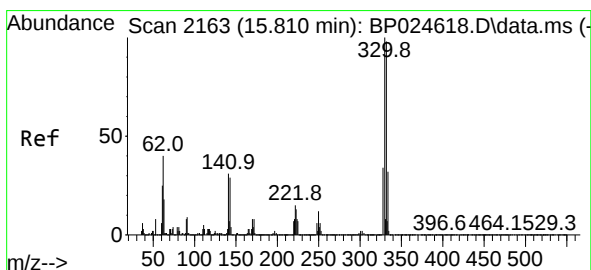
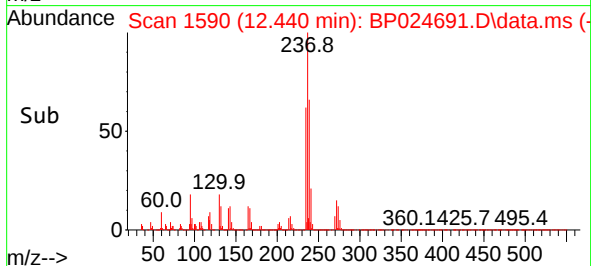
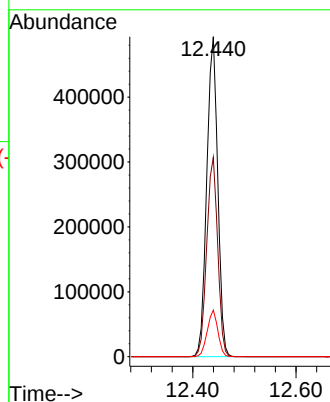
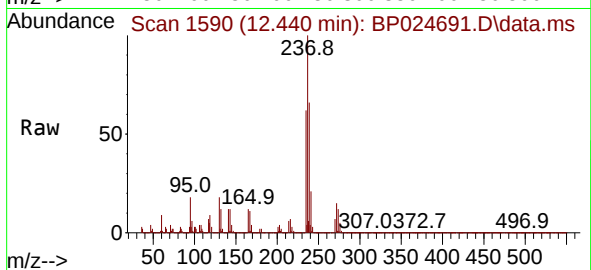
Tgt Ion:237 Resp: 726067

Ion Ratio Lower Upper

237 100

235 62.3 39.9 79.9

272 14.6 0.0 33.2



#42

2,4,6-Tribromophenol

Concen: 117.848 ng

RT: 15.822 min Scan# 2165

Delta R.T. 0.012 min

Lab File: BP024691.D

Acq: 19 May 2025 16:16

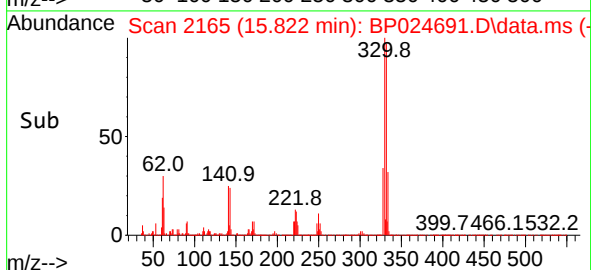
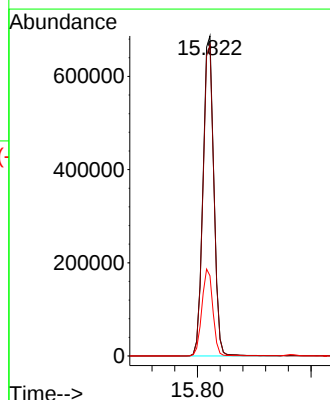
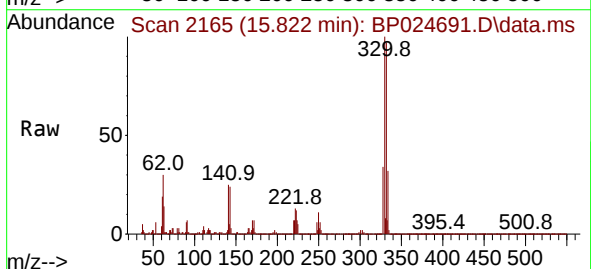
Tgt Ion:330 Resp: 906372

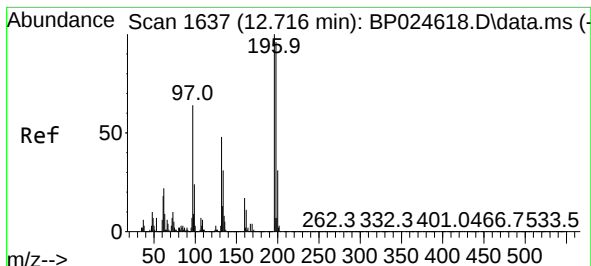
Ion Ratio Lower Upper

330 100

332 97.7 78.2 117.4

141 27.6 24.3 36.5





#43

2,4,6-Trichlorophenol

Concen: 49.689 ng

RT: 12.716 min Scan# 1637

Delta R.T. 0.000 min

Lab File: BP024691.D

Acq: 19 May 2025 16:16

Instrument :

BNA\_P

ClientSampleId :

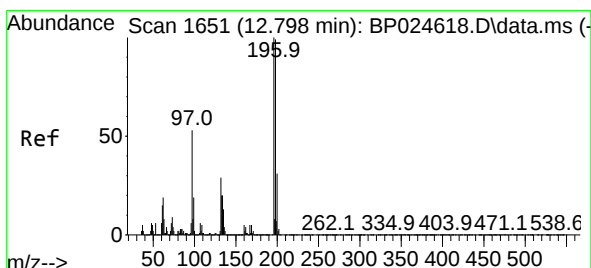
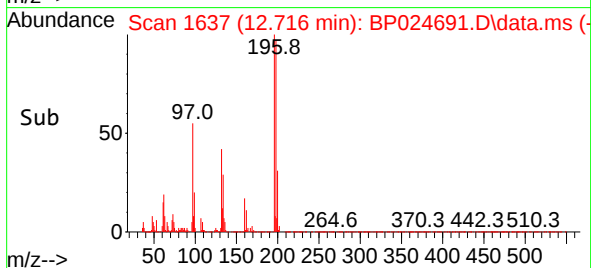
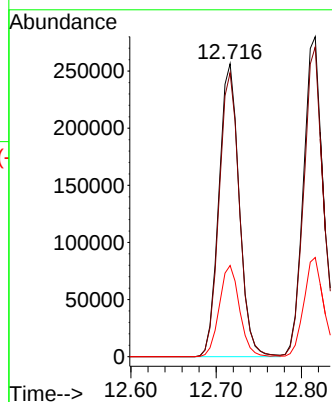
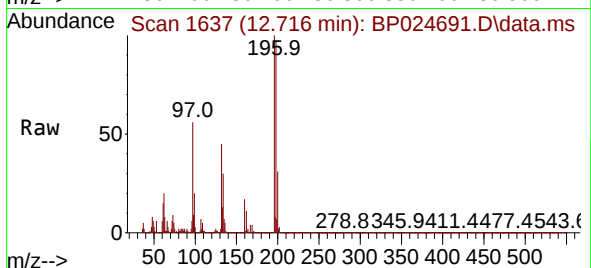
Tgt Ion:196 Resp: 423991

Ion Ratio Lower Upper

196 100

198 96.9 76.9 115.3

200 31.2 25.2 37.8



#44

2,4,5-Trichlorophenol

Concen: 49.176 ng

RT: 12.816 min Scan# 1654

Delta R.T. 0.018 min

Lab File: BP024691.D

Acq: 19 May 2025 16:16

Tgt Ion:196 Resp: 467084

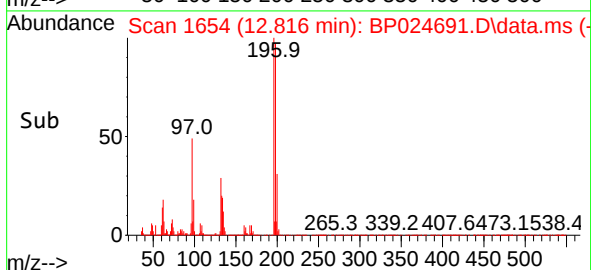
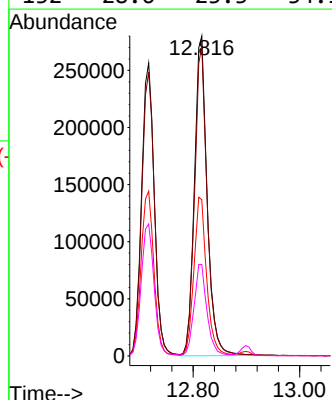
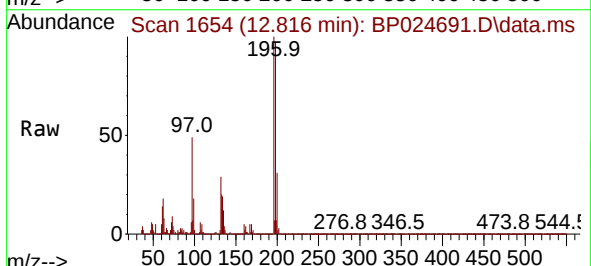
Ion Ratio Lower Upper

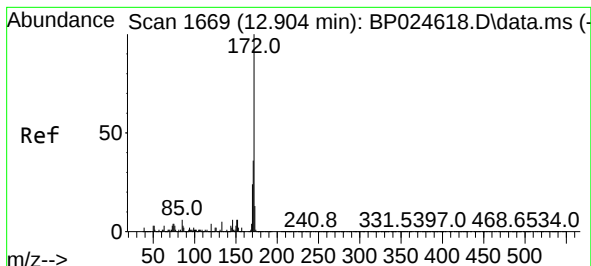
196 100

198 96.8 79.2 118.8

97 48.8 42.3 63.5

132 28.6 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 63.768 ng

RT: 12.899 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP024691.D

Acq: 19 May 2025 16:16

Instrument :

BNA\_P

ClientSampleId :

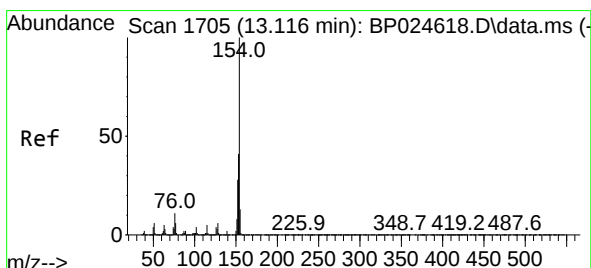
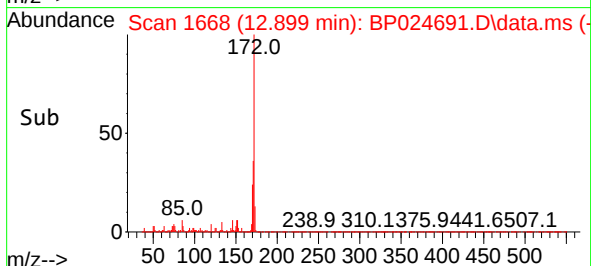
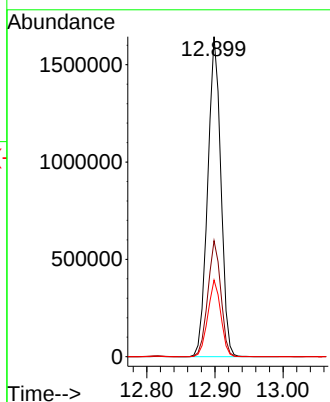
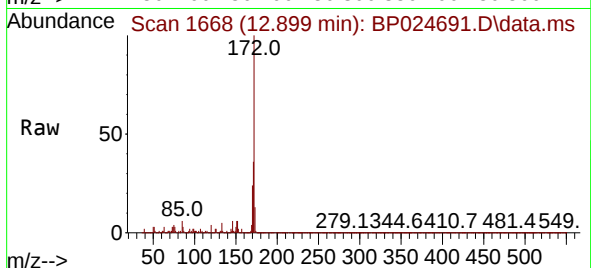
Tgt Ion:172 Resp: 2208156

Ion Ratio Lower Upper

172 100

171 36.3 28.8 43.2

170 23.9 18.8 28.2



#46

1,1'-Biphenyl

Concen: 45.214 ng

RT: 13.110 min Scan# 1704

Delta R.T. -0.006 min

Lab File: BP024691.D

Acq: 19 May 2025 16:16

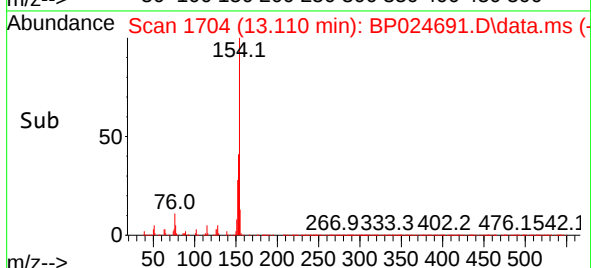
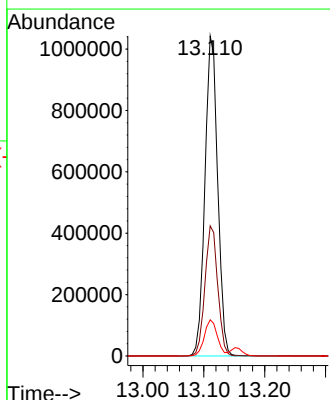
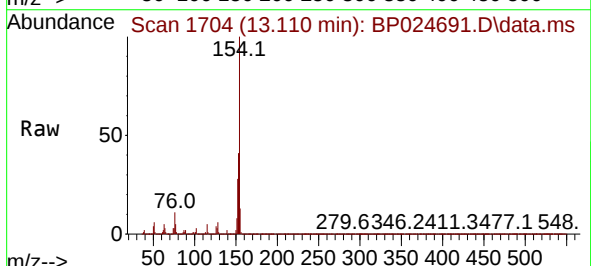
Tgt Ion:154 Resp: 1516077

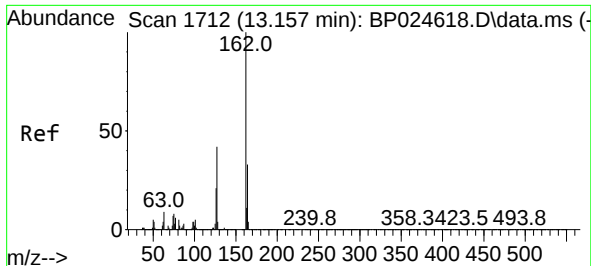
Ion Ratio Lower Upper

154 100

153 40.6 21.0 61.0

76 11.3 0.0 31.5





#47

2-Chloronaphthalene

Concen: 44.949 ng

RT: 13.152 min Scan# 1712

Delta R.T. -0.006 min

Lab File: BP024691.D

Acq: 19 May 2025 16:16

Instrument :

BNA\_P

ClientSampleId :

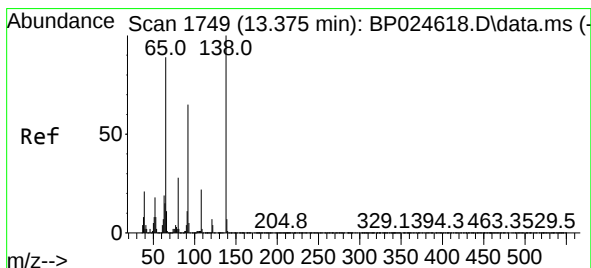
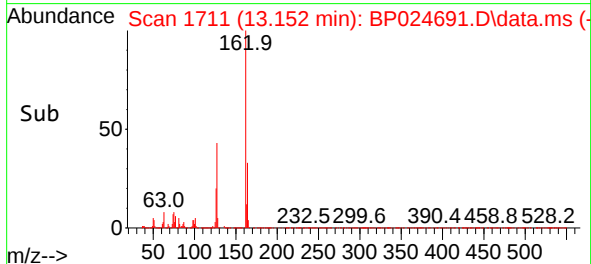
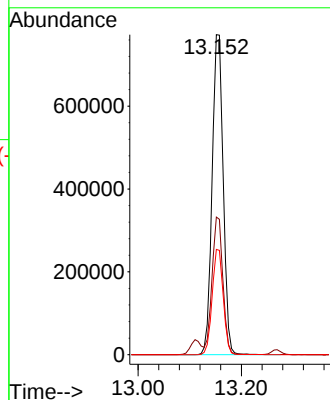
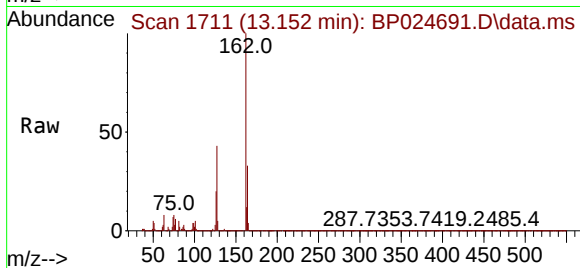
Tgt Ion:162 Resp: 1149183

Ion Ratio Lower Upper

162 100

127 43.0 33.8 50.6

164 32.9 26.0 39.0



#48

2-Nitroaniline

Concen: 46.362 ng

RT: 13.375 min Scan# 1749

Delta R.T. 0.000 min

Lab File: BP024691.D

Acq: 19 May 2025 16:16

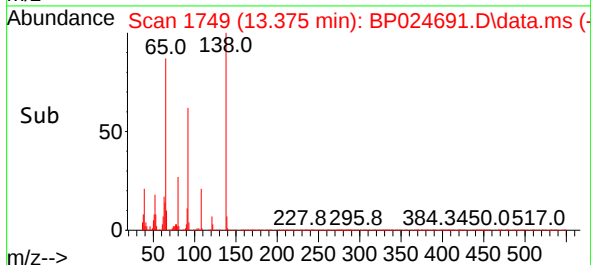
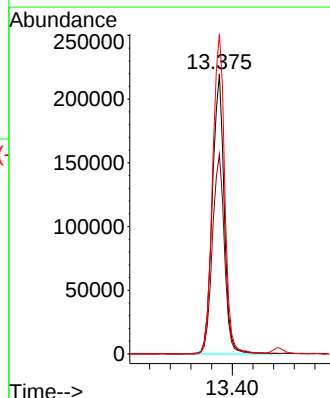
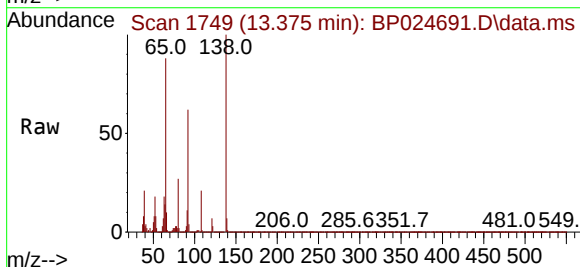
Tgt Ion: 65 Resp: 350924

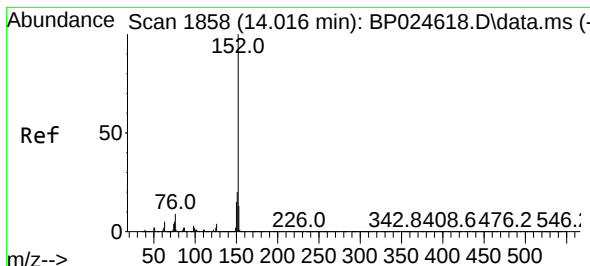
Ion Ratio Lower Upper

65 100

92 71.3 58.7 88.1

138 114.3 90.2 135.2





#49

Acenaphthylene

Concen: 45.115 ng

RT: 14.010 min Scan# 1857

Delta R.T. -0.006 min

Lab File: BP024691.D

Acq: 19 May 2025 16:16

Instrument :

BNA\_P

ClientSampleId :

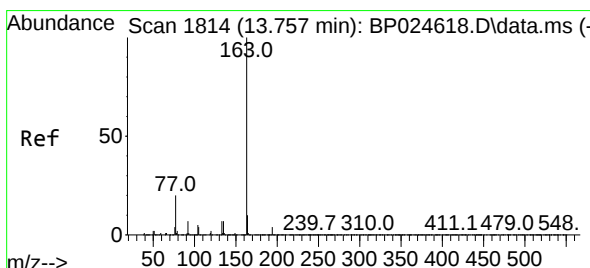
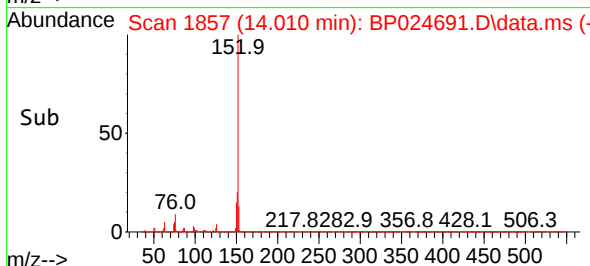
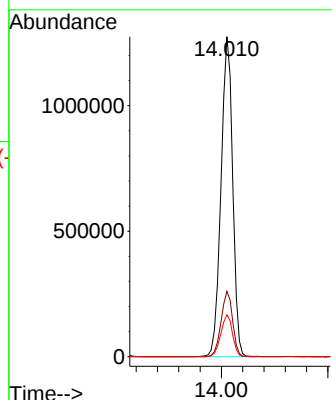
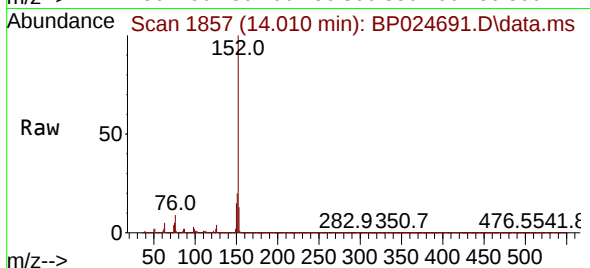
Tgt Ion:152 Resp: 1930240

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.4

153 13.1 10.2 15.4



#50

Dimethylphthalate

Concen: 44.706 ng

RT: 13.752 min Scan# 1813

Delta R.T. -0.006 min

Lab File: BP024691.D

Acq: 19 May 2025 16:16

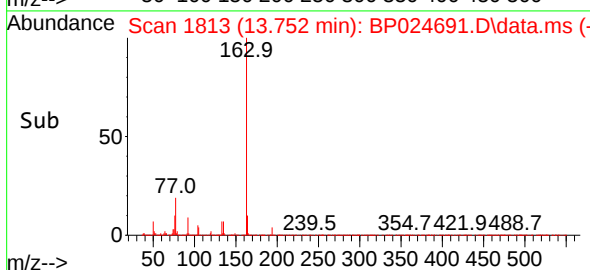
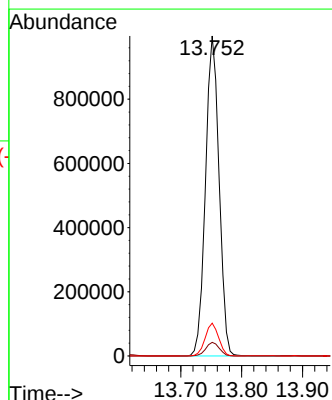
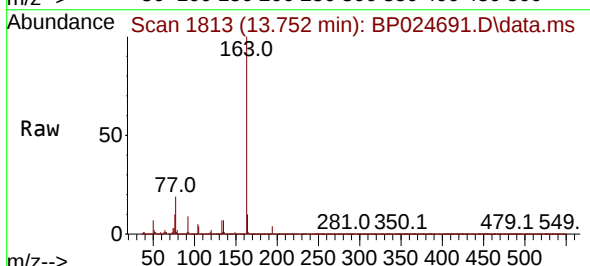
Tgt Ion:163 Resp: 1545880

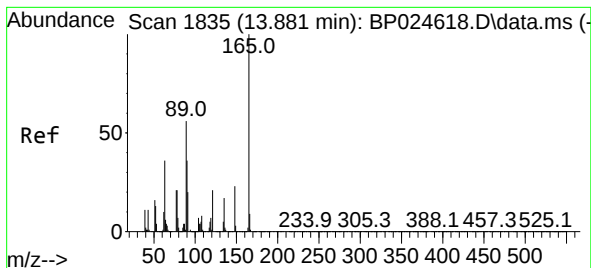
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

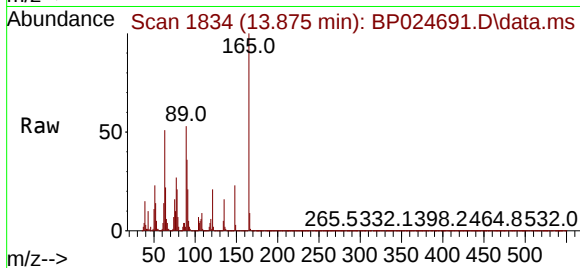
164 10.3 8.1 12.1



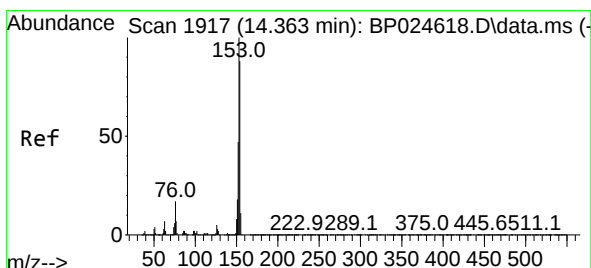
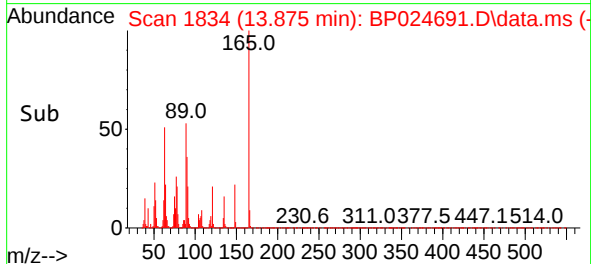
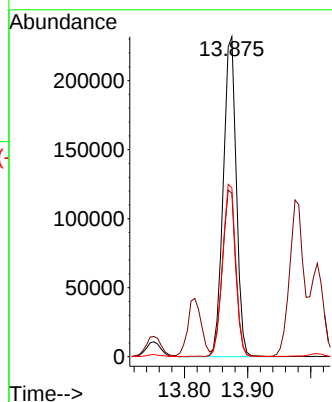


#51  
2,6-Dinitrotoluene  
Concen: 45.465 ng  
RT: 13.875 min Scan# 1834  
Delta R.T. -0.006 min  
Lab File: BP024691.D  
Acq: 19 May 2025 16:16

Instrument :  
BNA\_P  
ClientSampleId :

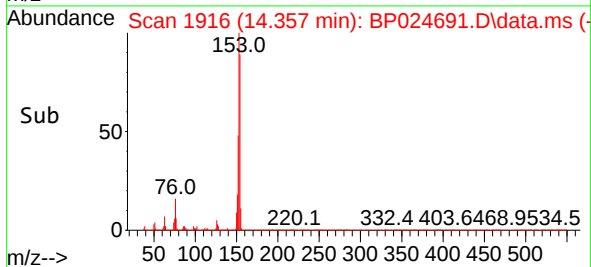
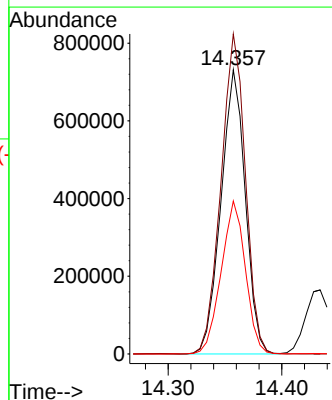
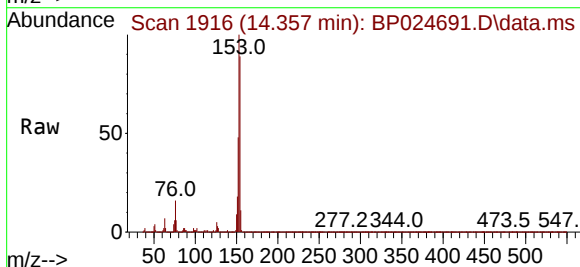


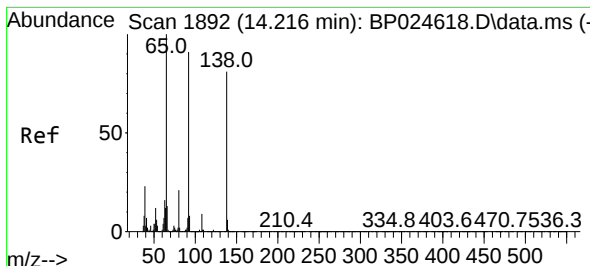
Tgt Ion:165 Resp: 332024  
Ion Ratio Lower Upper  
165 100  
63 51.0 42.4 63.6  
89 52.8 44.8 67.2



#52  
Acenaphthene  
Concen: 44.156 ng  
RT: 14.357 min Scan# 1916  
Delta R.T. -0.006 min  
Lab File: BP024691.D  
Acq: 19 May 2025 16:16

Tgt Ion:154 Resp: 1086088  
Ion Ratio Lower Upper  
154 100  
153 112.6 91.0 136.4  
152 53.8 42.9 64.3





#53

3-Nitroaniline

Concen: 30.511 ng

RT: 14.216 min Scan# 1892

Delta R.T. 0.000 min

Lab File: BP024691.D

Acq: 19 May 2025 16:16

Instrument :

BNA\_P

ClientSampleId :

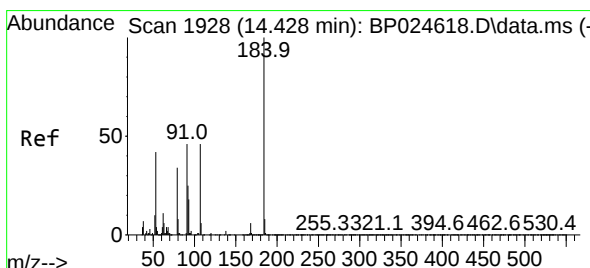
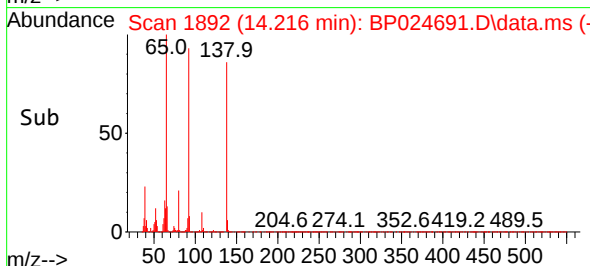
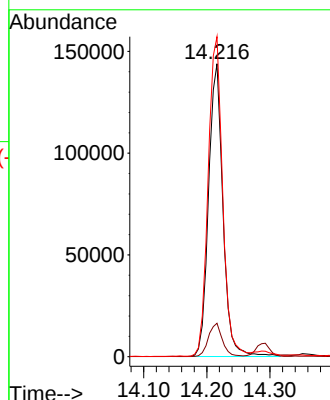
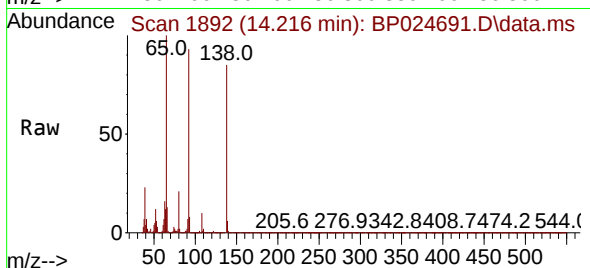
Tgt Ion:138 Resp: 227513

Ion Ratio Lower Upper

138 100

108 11.4 9.0 13.4

92 109.2 90.1 135.1



#54

2,4-Dinitrophenol

Concen: 90.400 ng

RT: 14.434 min Scan# 1929

Delta R.T. 0.006 min

Lab File: BP024691.D

Acq: 19 May 2025 16:16

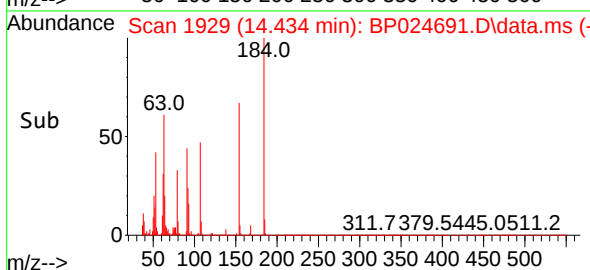
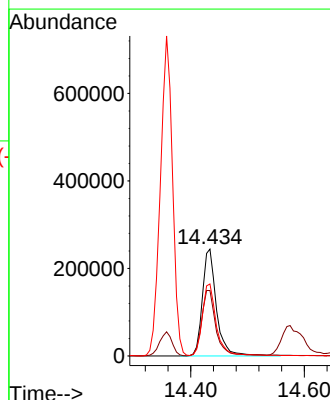
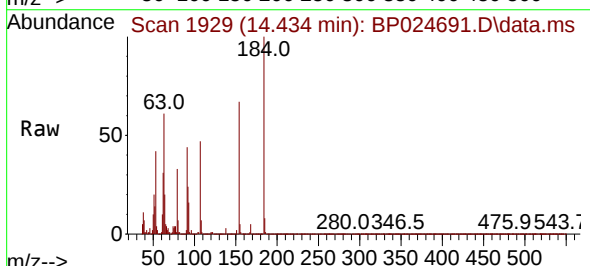
Tgt Ion:184 Resp: 420465

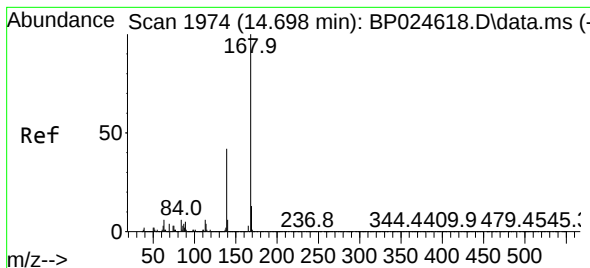
Ion Ratio Lower Upper

184 100

63 61.3 51.3 76.9

154 67.4 53.5 80.3

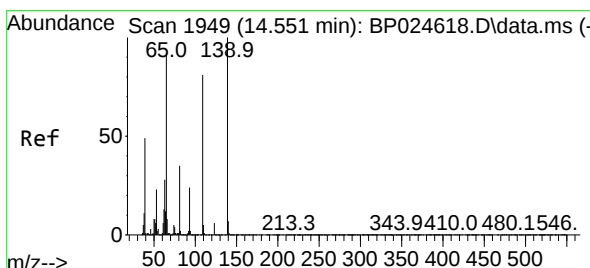
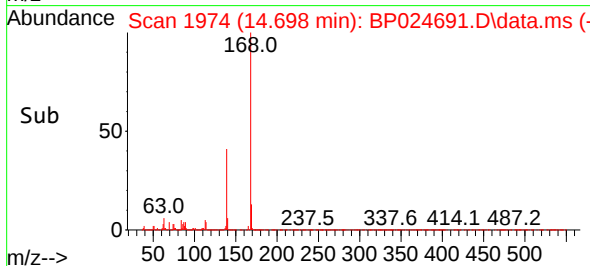
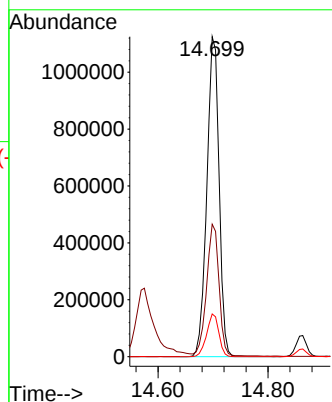
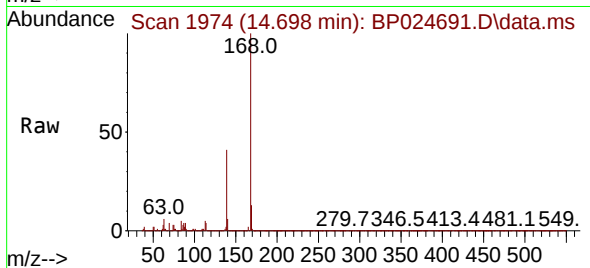




#55  
Dibenzofuran  
Concen: 44.065 ng  
RT: 14.698 min Scan# 1974  
Delta R.T. 0.000 min  
Lab File: BP024691.D  
Acq: 19 May 2025 16:16

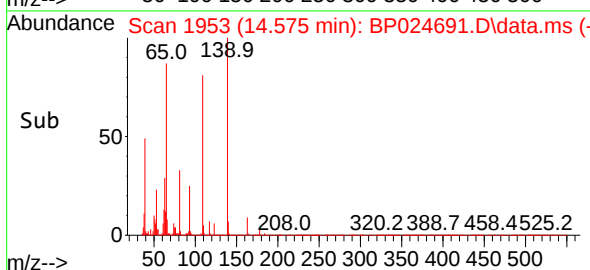
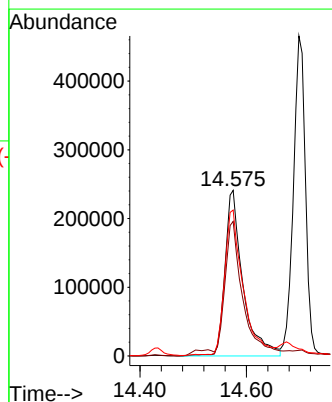
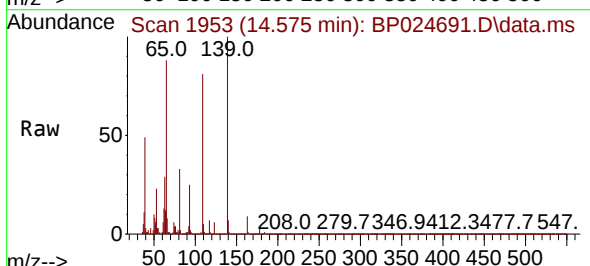
Instrument :  
BNA\_P  
ClientSampleId :

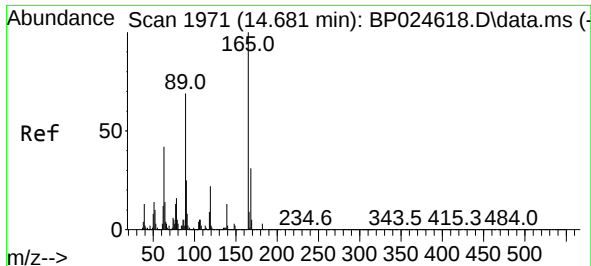
Tgt Ion:168 Resp: 1728804  
Ion Ratio Lower Upper  
168 100  
139 41.4 34.2 51.4  
169 13.3 10.8 16.2



#56  
4-Nitrophenol  
Concen: 86.954 ng  
RT: 14.575 min Scan# 1953  
Delta R.T. 0.024 min  
Lab File: BP024691.D  
Acq: 19 May 2025 16:16

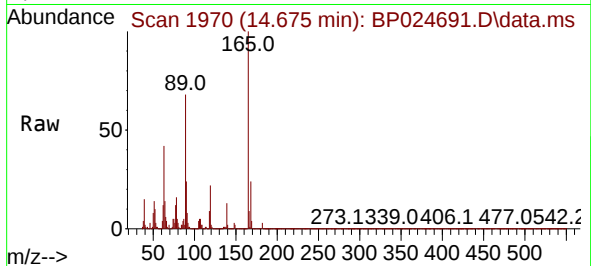
Tgt Ion:139 Resp: 563852  
Ion Ratio Lower Upper  
139 100  
109 81.3 61.4 101.4  
65 88.1 72.2 112.2



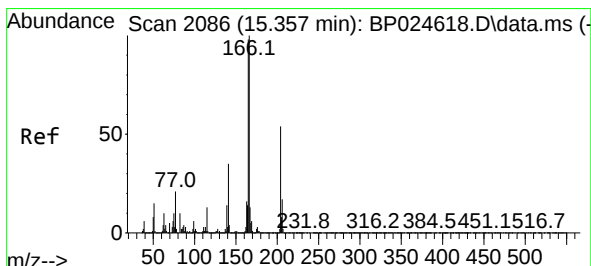
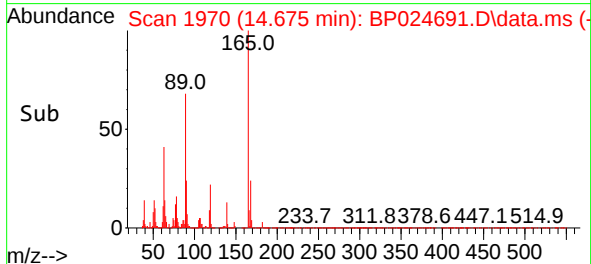
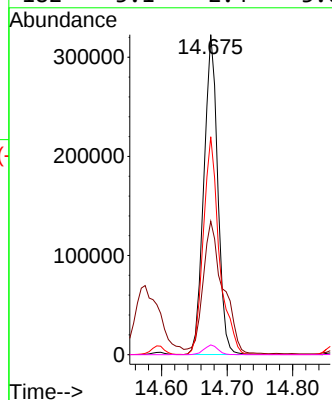


#57  
2,4-Dinitrotoluene  
Concen: 46.327 ng  
RT: 14.675 min Scan# 1970  
Delta R.T. -0.006 min  
Lab File: BP024691.D  
Acq: 19 May 2025 16:16

Instrument :  
BNA\_P  
ClientSampleId :

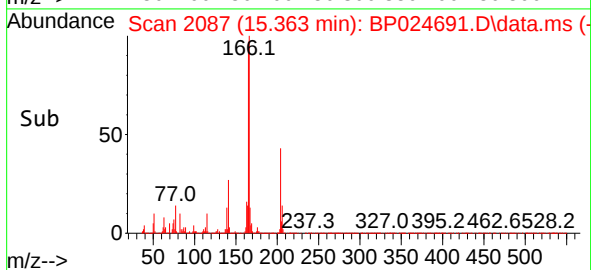
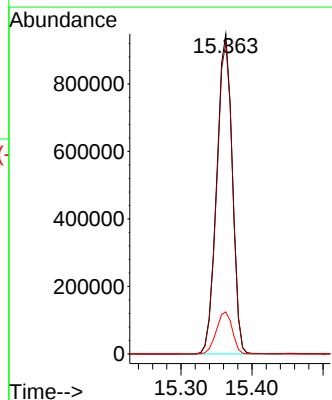
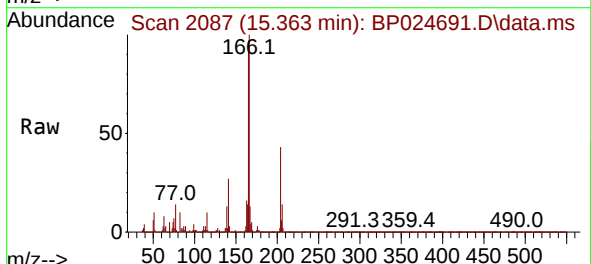


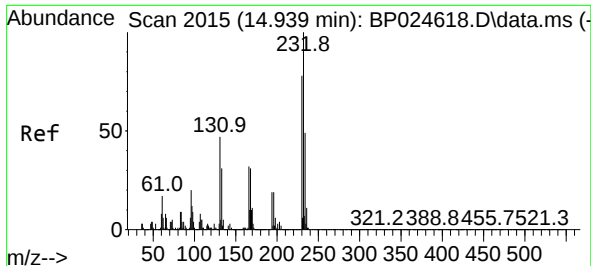
Tgt Ion:165 Resp: 476970  
Ion Ratio Lower Upper  
165 100  
63 41.7 33.8 50.6  
89 68.1 55.6 83.4  
182 3.1 2.4 3.6



#58  
Fluorene  
Concen: 44.854 ng  
RT: 15.363 min Scan# 2087  
Delta R.T. 0.006 min  
Lab File: BP024691.D  
Acq: 19 May 2025 16:16

Tgt Ion:166 Resp: 1434906  
Ion Ratio Lower Upper  
166 100  
165 97.4 78.5 117.7  
167 13.1 10.7 16.1



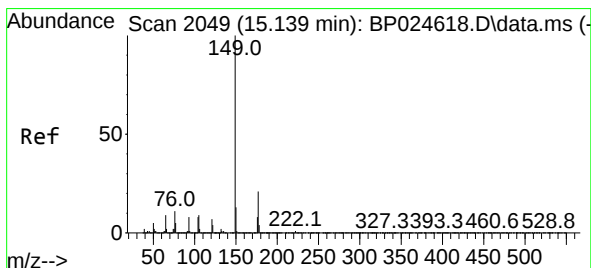
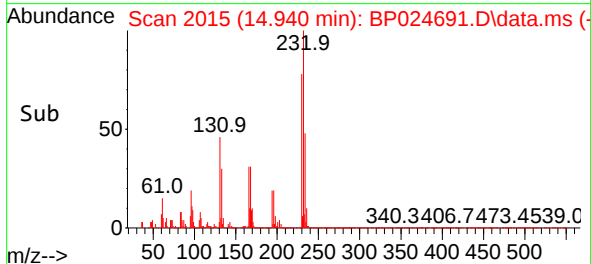
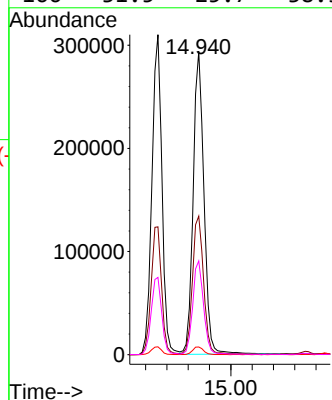
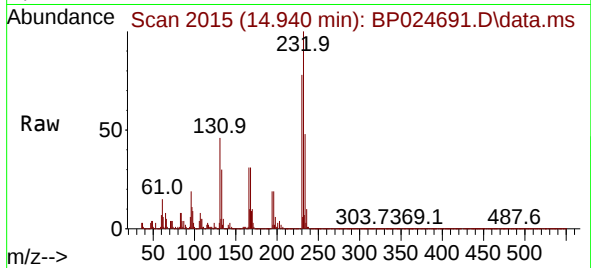


#59  
2,3,4,6-Tetrachlorophenol  
Concen: 46.980 ng  
RT: 14.940 min Scan# 2015  
Delta R.T. 0.000 min  
Lab File: BP024691.D  
Acq: 19 May 2025 16:16

Instrument :  
BNA\_P  
ClientSampleId :

Tgt Ion:232 Resp: 413945

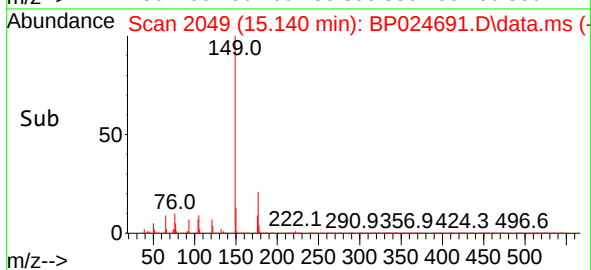
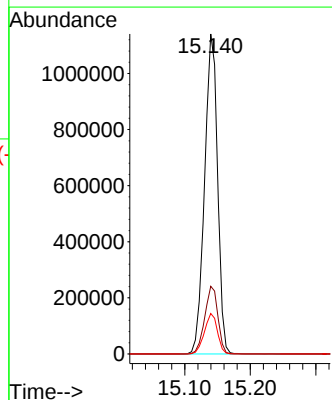
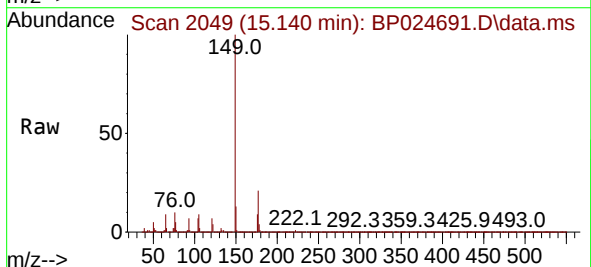
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 232 | 100   |       |       |
| 131 | 46.6  | 39.5  | 59.3  |
| 130 | 2.6   | 2.2   | 3.4   |
| 166 | 31.5  | 25.7  | 38.5  |

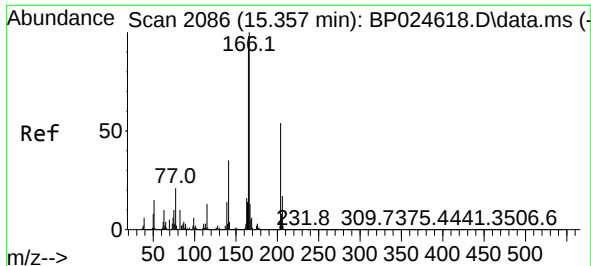


#60  
Diethylphthalate  
Concen: 45.027 ng  
RT: 15.140 min Scan# 2049  
Delta R.T. 0.000 min  
Lab File: BP024691.D  
Acq: 19 May 2025 16:16

Tgt Ion:149 Resp: 1573648

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 177 | 21.2  | 16.7  | 25.1  |
| 150 | 12.7  | 10.2  | 15.2  |

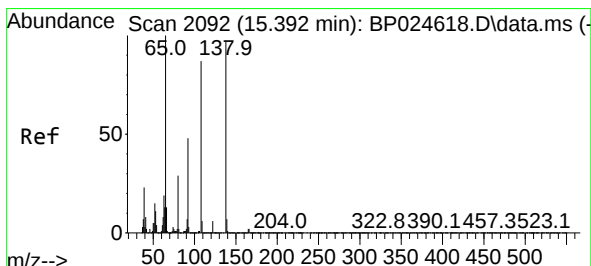
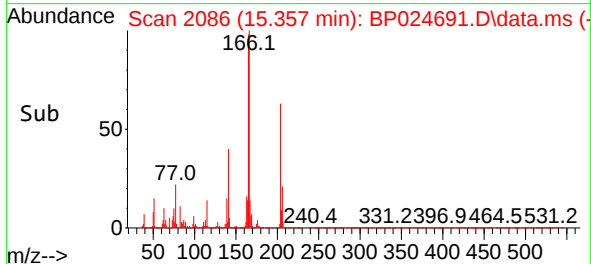
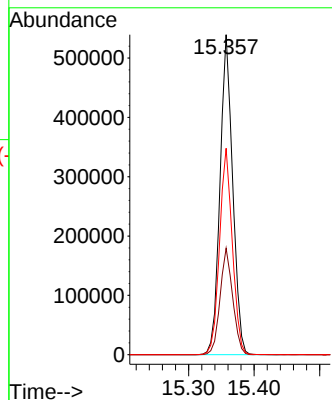
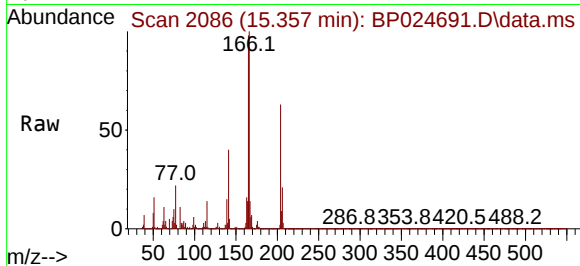




#61  
4-Chlorophenyl-phenylether  
Concen: 45.105 ng  
RT: 15.357 min Scan# 2086  
Delta R.T. 0.000 min  
Lab File: BP024691.D  
Acq: 19 May 2025 16:16

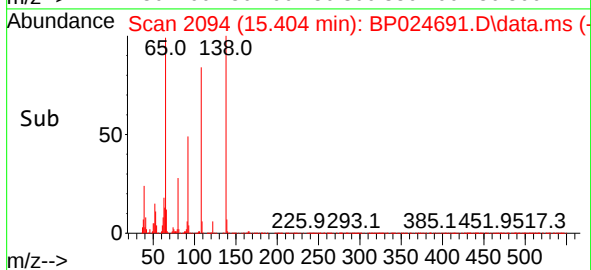
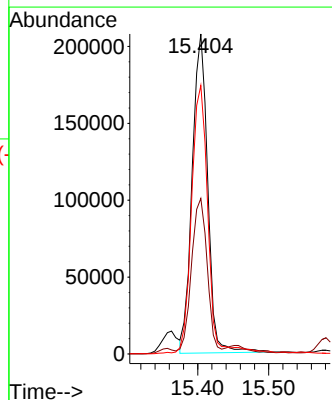
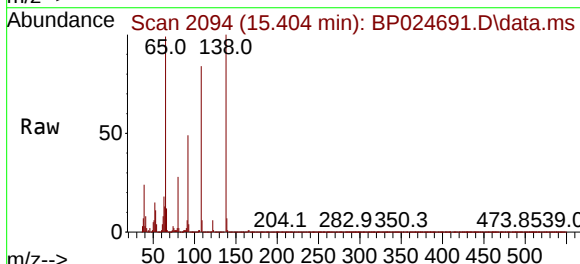
Instrument :  
BNA\_P  
ClientSampleId :

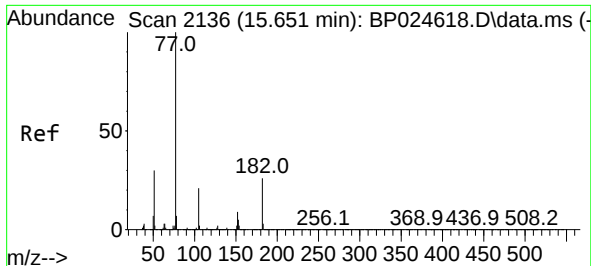
Tgt Ion:204 Resp: 719589  
Ion Ratio Lower Upper  
204 100  
206 33.3 26.0 39.0  
141 64.5 52.9 79.3



#62  
4-Nitroaniline  
Concen: 43.916 ng  
RT: 15.404 min Scan# 2094  
Delta R.T. 0.012 min  
Lab File: BP024691.D  
Acq: 19 May 2025 16:16

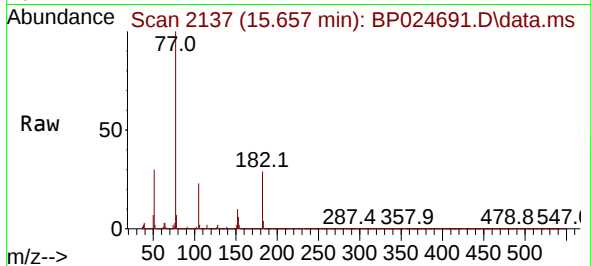
Tgt Ion:138 Resp: 316195  
Ion Ratio Lower Upper  
138 100  
92 48.6 29.2 69.2  
108 83.9 69.0 109.0



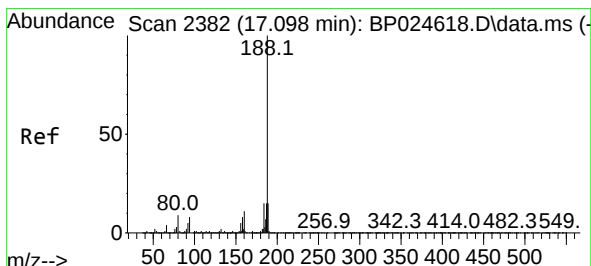
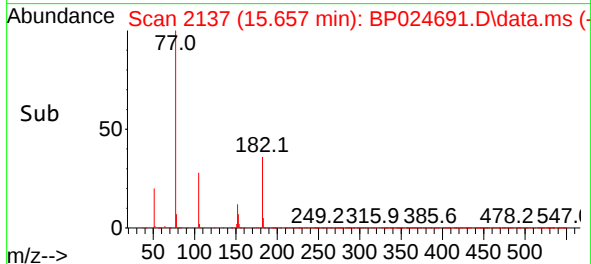
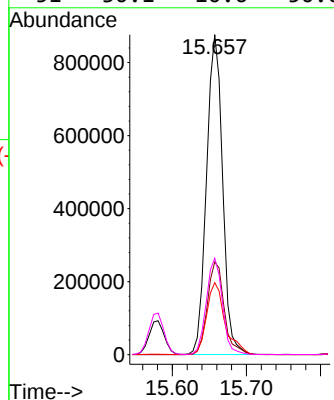


#63  
Azobenzene  
Concen: 44.148 ng  
RT: 15.657 min Scan# 2136  
Delta R.T. 0.006 min  
Lab File: BP024691.D  
Acq: 19 May 2025 16:16

Instrument :  
BNA\_P  
ClientSampleId :

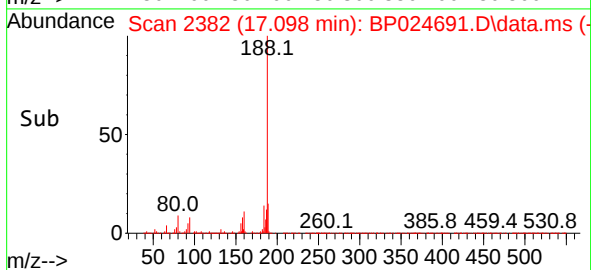
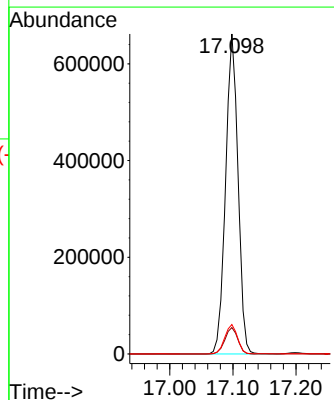
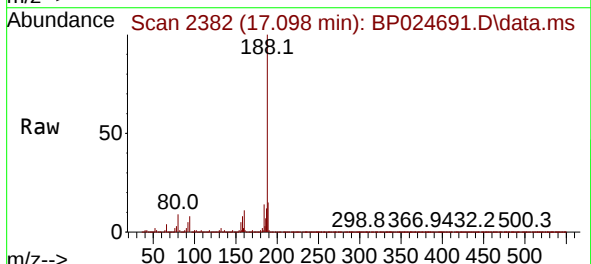


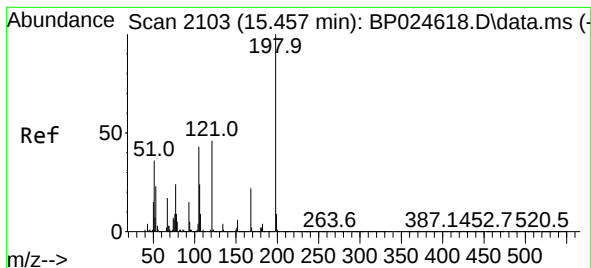
Tgt Ion: 77 Resp: 1319940  
Ion Ratio Lower Upper  
77 100  
182 28.9 5.7 45.7  
105 22.5 1.3 41.3  
51 30.1 10.6 50.6



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.098 min Scan# 2382  
Delta R.T. 0.000 min  
Lab File: BP024691.D  
Acq: 19 May 2025 16:16

Tgt Ion:188 Resp: 903382  
Ion Ratio Lower Upper  
188 100  
94 8.2 6.5 9.7  
80 9.2 7.3 10.9

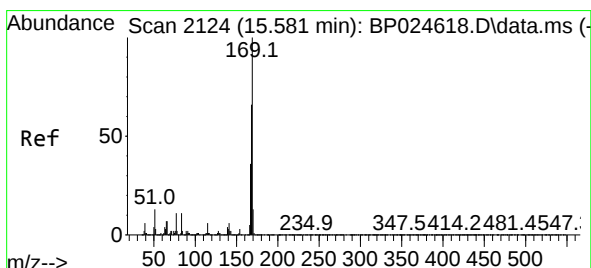
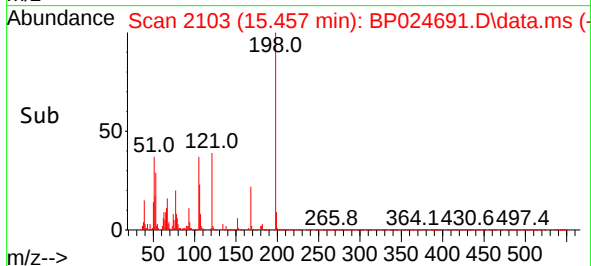
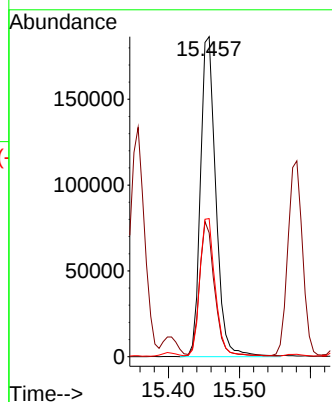
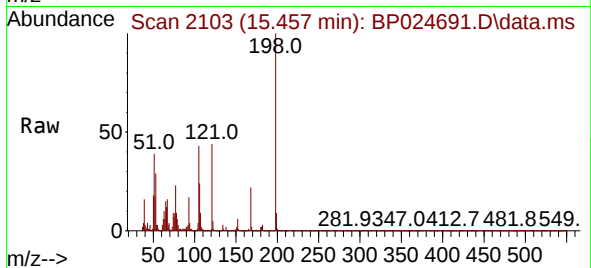




#65  
4,6-Dinitro-2-methylphenol  
Concen: 48.170 ng  
RT: 15.457 min Scan# 2103  
Delta R.T. 0.000 min  
Lab File: BP024691.D  
Acq: 19 May 2025 16:16

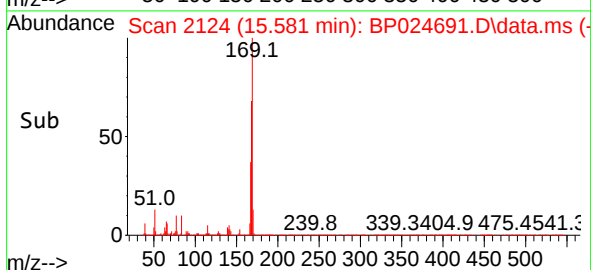
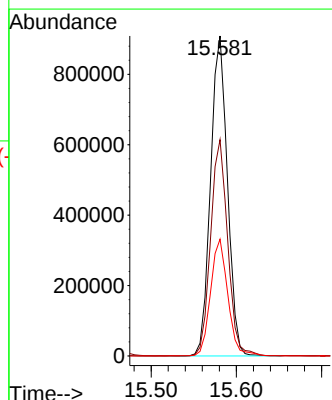
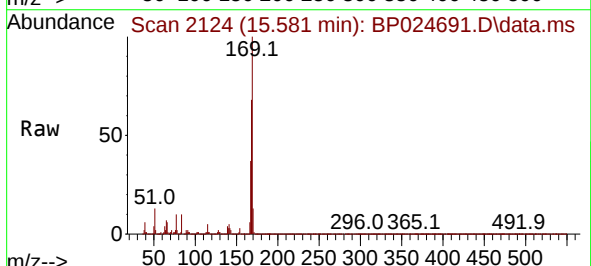
Instrument :  
BNA\_P  
ClientSampleId :

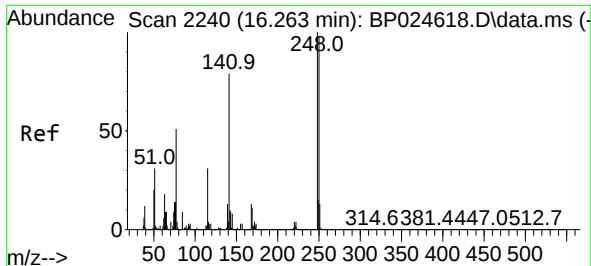
Tgt Ion:198 Resp: 281086  
Ion Ratio Lower Upper  
198 100  
51 38.7 21.1 61.1  
105 43.1 23.6 63.6



#66  
n-Nitrosodiphenylamine  
Concen: 45.060 ng  
RT: 15.581 min Scan# 2124  
Delta R.T. 0.000 min  
Lab File: BP024691.D  
Acq: 19 May 2025 16:16

Tgt Ion:169 Resp: 1250329  
Ion Ratio Lower Upper  
169 100  
168 67.6 53.2 79.8  
167 36.5 28.6 43.0

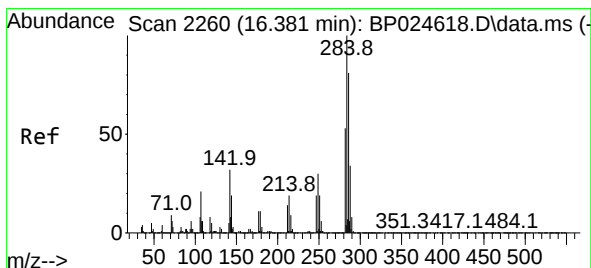
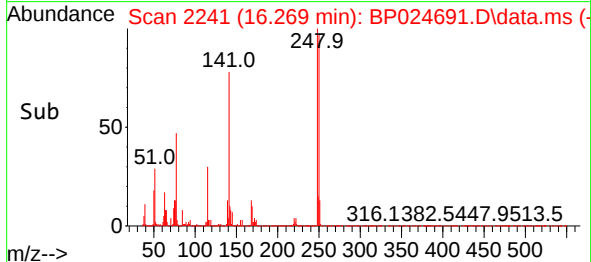
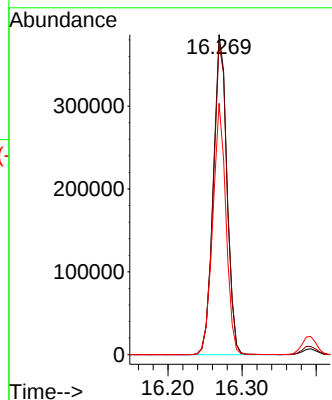
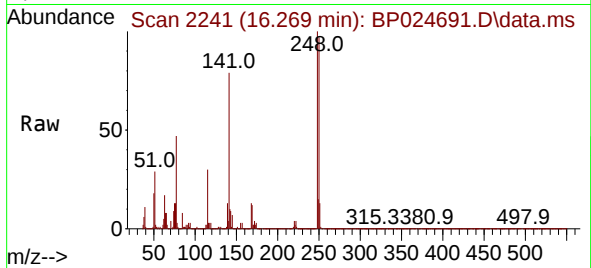




#67  
4-Bromophenyl-phenylether  
Concen: 46.441 ng  
RT: 16.269 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BP024691.D  
Acq: 19 May 2025 16:16

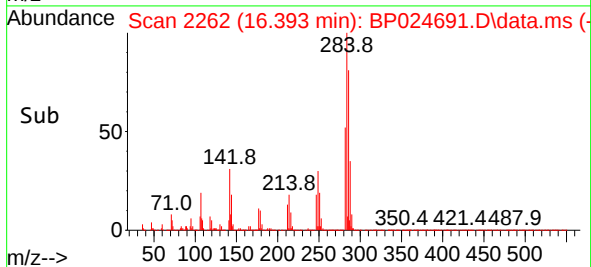
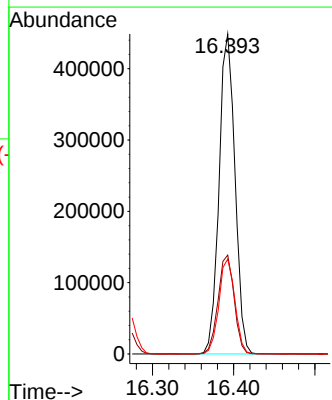
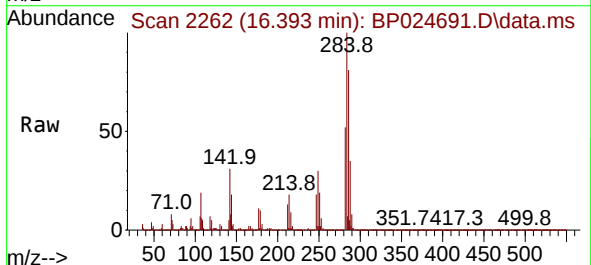
Instrument :  
BNA\_P  
ClientSampleId :

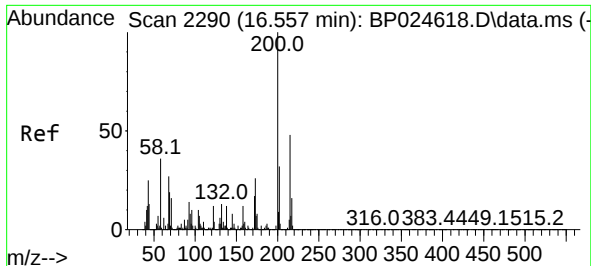
Tgt Ion:248 Resp: 494366  
Ion Ratio Lower Upper  
248 100  
250 97.5 78.2 117.4  
141 78.6 63.0 94.6



#68  
Hexachlorobenzene  
Concen: 45.180 ng  
RT: 16.393 min Scan# 2262  
Delta R.T. 0.012 min  
Lab File: BP024691.D  
Acq: 19 May 2025 16:16

Tgt Ion:284 Resp: 611127  
Ion Ratio Lower Upper  
284 100  
142 30.9 25.9 38.9  
249 29.7 24.1 36.1

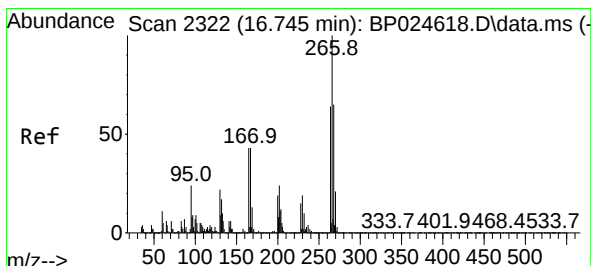
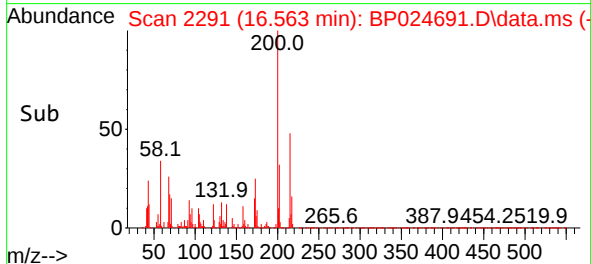
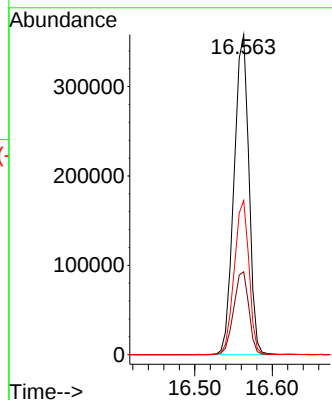
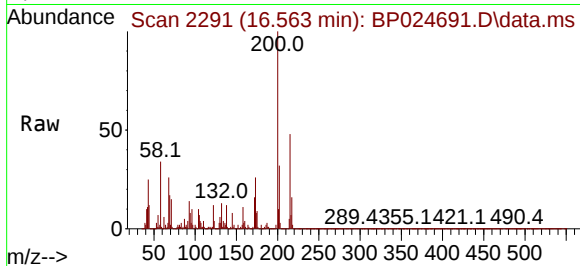




#69  
Atrazine  
Concen: 47.135 ng  
RT: 16.563 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BP024691.D  
Acq: 19 May 2025 16:16

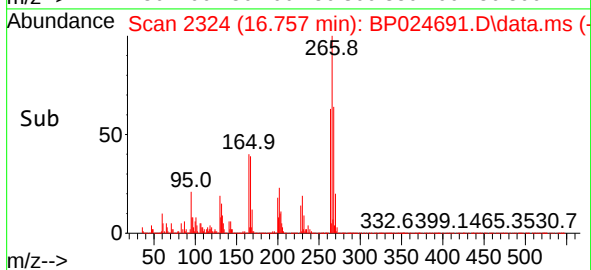
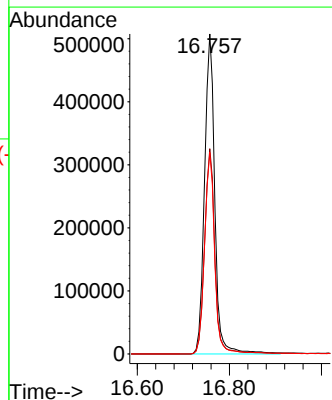
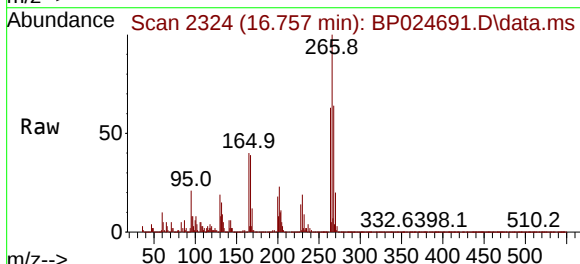
Instrument :  
BNA\_P  
ClientSampleId :

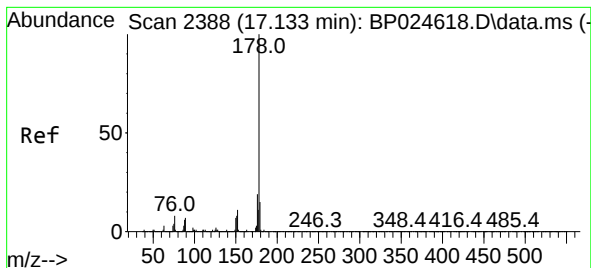
Tgt Ion:200 Resp: 479320  
Ion Ratio Lower Upper  
200 100  
173 25.9 5.9 45.9  
215 48.1 28.3 68.3



#70  
Pentachlorophenol  
Concen: 104.158 ng  
RT: 16.757 min Scan# 2324  
Delta R.T. 0.012 min  
Lab File: BP024691.D  
Acq: 19 May 2025 16:16

Tgt Ion:266 Resp: 790871  
Ion Ratio Lower Upper  
266 100  
268 64.1 52.2 78.4  
264 63.0 51.1 76.7





#71

Phenanthrene

Concen: 44.569 ng

RT: 17.140 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024691.D

Acq: 19 May 2025 16:16

Instrument :

BNA\_P

ClientSampleId :

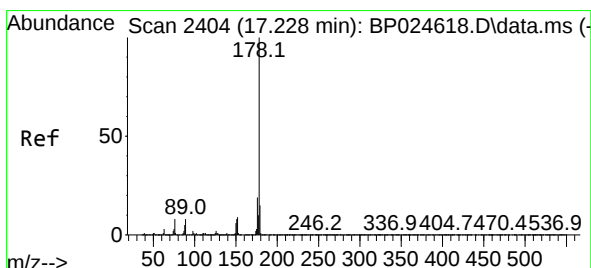
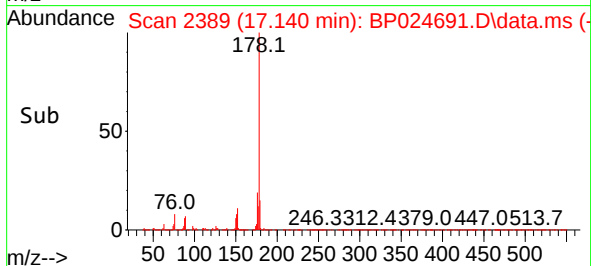
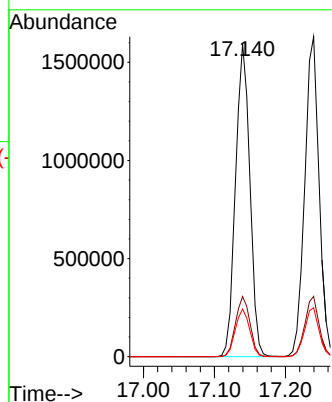
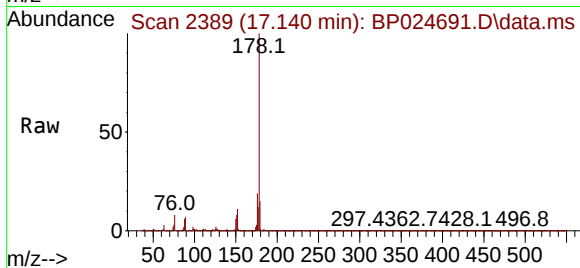
Tgt Ion:178 Resp: 2238272

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.2

179 15.3 12.2 18.4



#72

Anthracene

Concen: 45.309 ng

RT: 17.240 min Scan# 2406

Delta R.T. 0.012 min

Lab File: BP024691.D

Acq: 19 May 2025 16:16

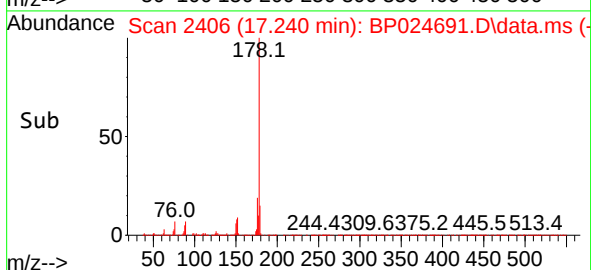
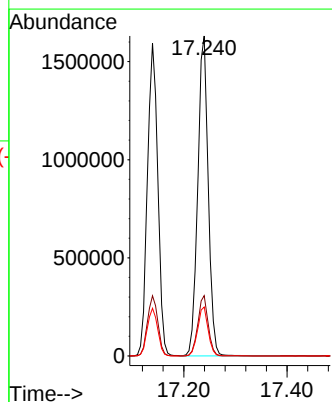
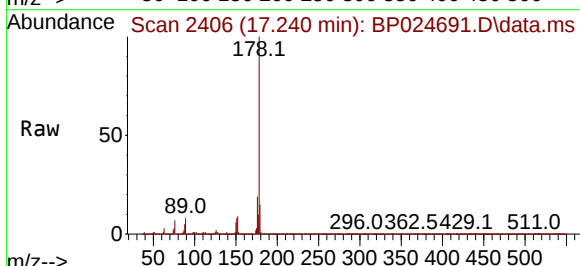
Tgt Ion:178 Resp: 2289362

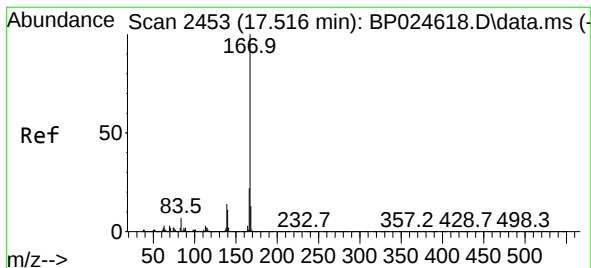
Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.4

179 15.3 12.2 18.2





#73

Carbazole

Concen: 46.997 ng

RT: 17.522 min Scan# 2453

Delta R.T. 0.006 min

Lab File: BP024691.D

Acq: 19 May 2025 16:16

Instrument :

BNA\_P

ClientSampleId :

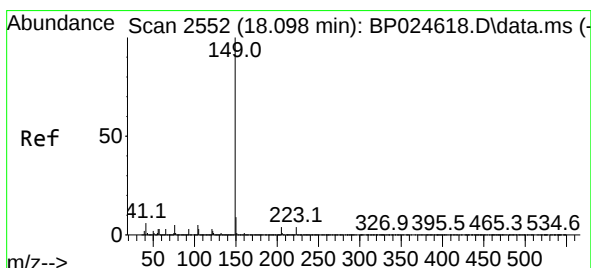
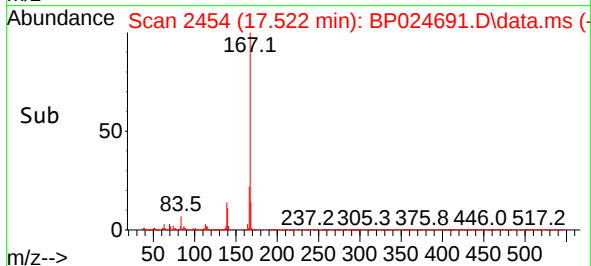
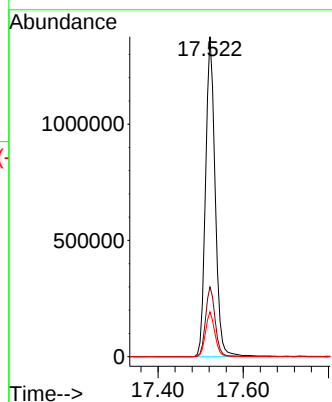
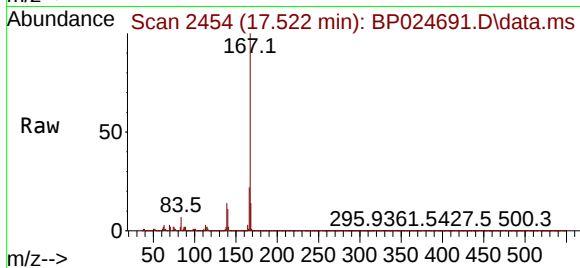
Tgt Ion:167 Resp: 2149286

Ion Ratio Lower Upper

167 100

166 21.8 17.7 26.5

139 14.0 11.3 16.9



#74

Di-n-butylphthalate

Concen: 48.196 ng

RT: 18.110 min Scan# 2554

Delta R.T. 0.012 min

Lab File: BP024691.D

Acq: 19 May 2025 16:16

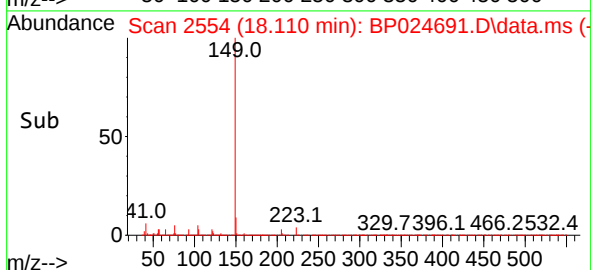
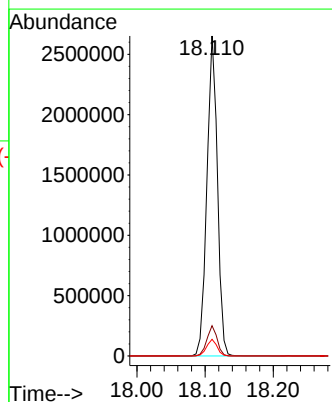
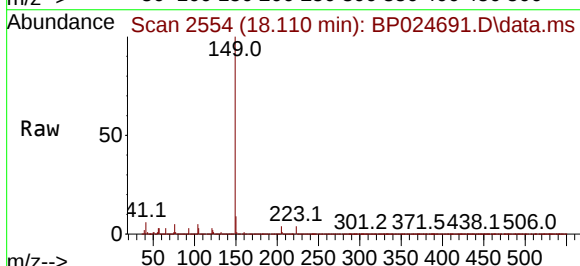
Tgt Ion:149 Resp: 2834682

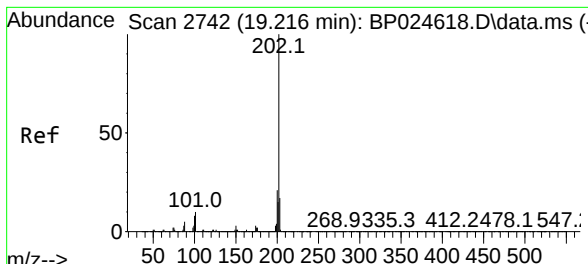
Ion Ratio Lower Upper

149 100

150 9.4 7.2 10.8

104 5.2 4.3 6.5

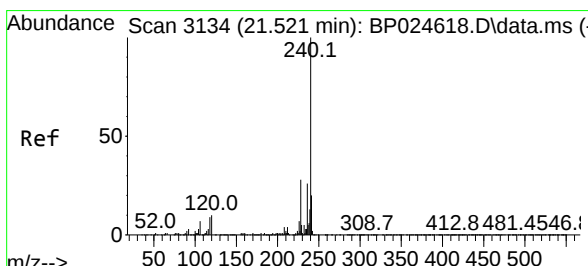
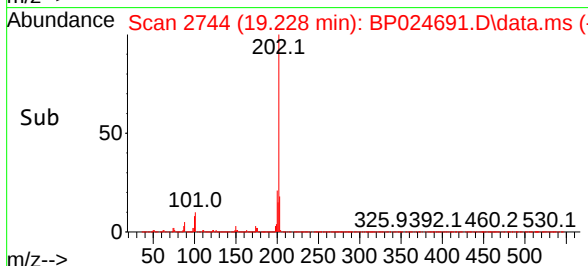
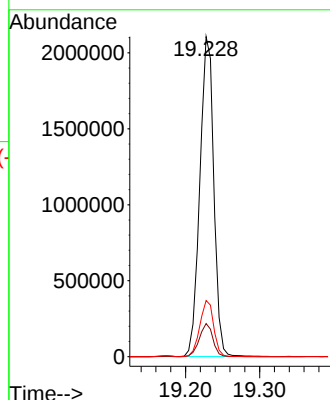
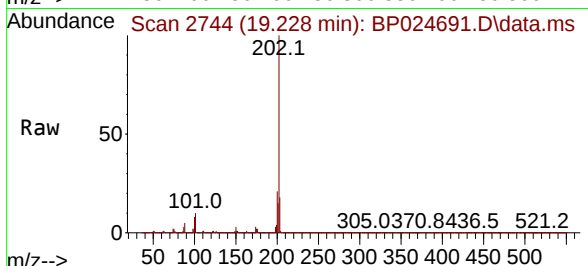




#75  
Fluoranthene  
Concen: 47.045 ng  
RT: 19.228 min Scan# 21  
Delta R.T. 0.012 min  
Lab File: BP024691.D  
Acq: 19 May 2025 16:16

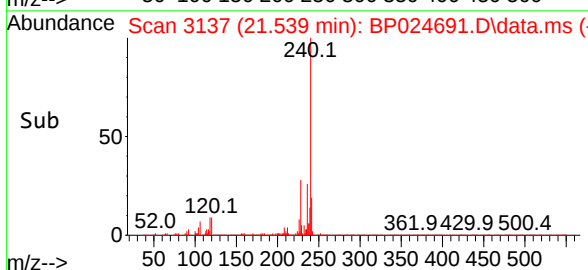
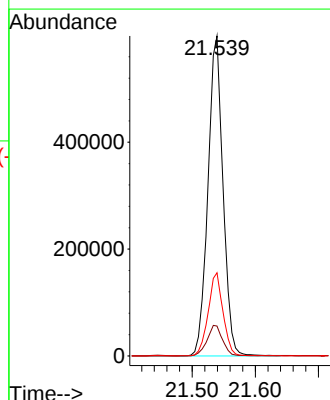
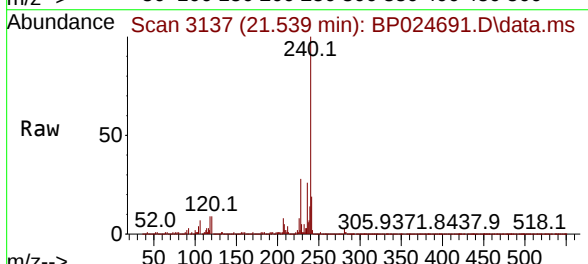
Instrument :  
BNA\_P  
ClientSampleId :

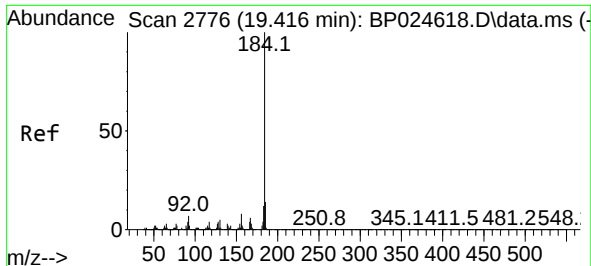
Tgt Ion:202 Resp: 2761747  
Ion Ratio Lower Upper  
202 100  
101 10.4 0.0 30.3  
203 17.5 0.0 37.5



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.539 min Scan# 3137  
Delta R.T. 0.018 min  
Lab File: BP024691.D  
Acq: 19 May 2025 16:16

Tgt Ion:240 Resp: 992797  
Ion Ratio Lower Upper  
240 100  
120 9.3 7.8 11.6  
236 26.0 20.6 31.0

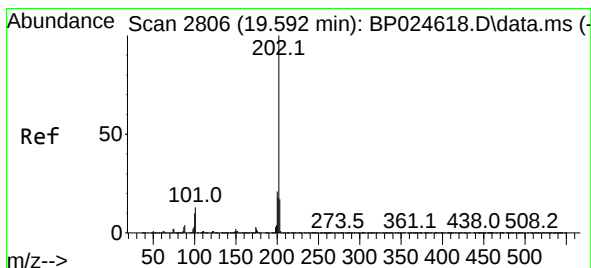
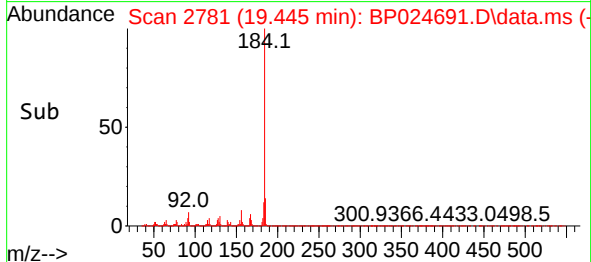
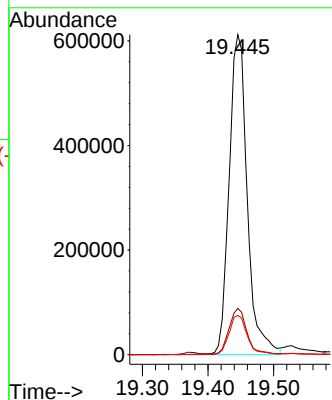
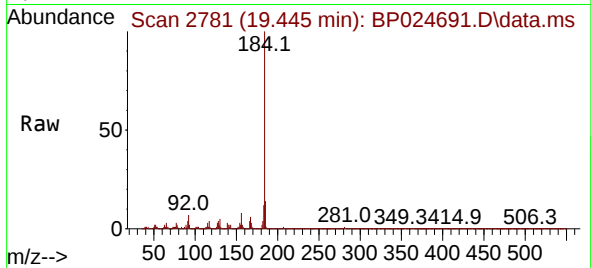




#77  
Benzidine  
Concen: 43.416 ng  
RT: 19.445 min Scan# 21  
Delta R.T. 0.029 min  
Lab File: BP024691.D  
Acq: 19 May 2025 16:16

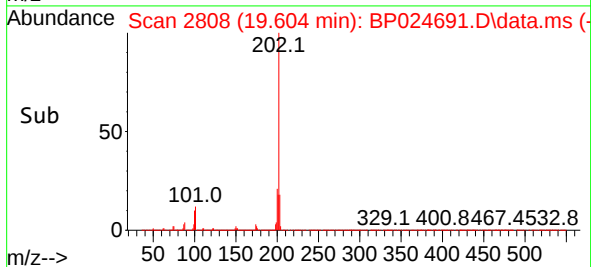
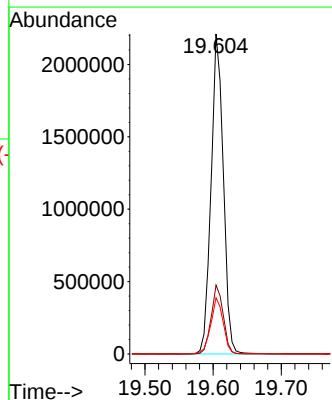
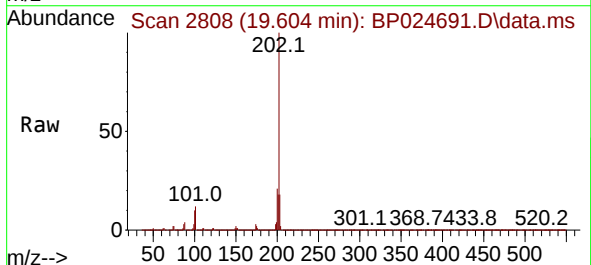
Instrument :  
BNA\_P  
ClientSampleId :

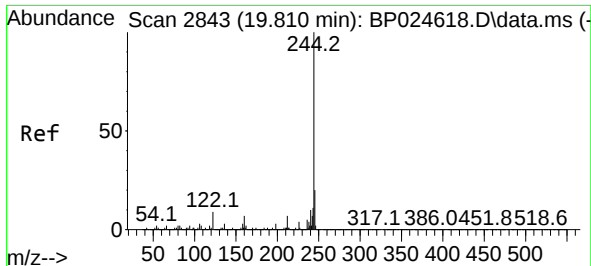
Tgt Ion:184 Resp: 1173958  
Ion Ratio Lower Upper  
184 100  
185 14.4 11.2 16.8  
183 12.2 9.8 14.8



#78  
Pyrene  
Concen: 46.527 ng  
RT: 19.604 min Scan# 2808  
Delta R.T. 0.012 min  
Lab File: BP024691.D  
Acq: 19 May 2025 16:16

Tgt Ion:202 Resp: 2767694  
Ion Ratio Lower Upper  
202 100  
200 21.5 16.9 25.3  
203 17.5 13.9 20.9

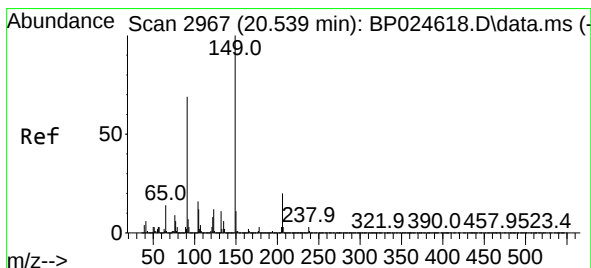
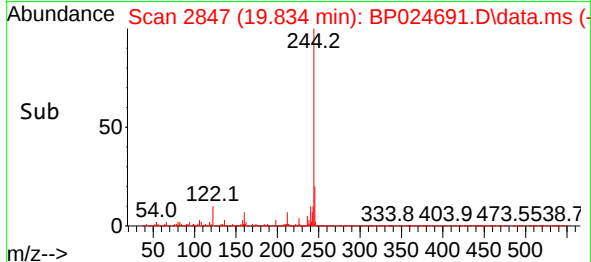
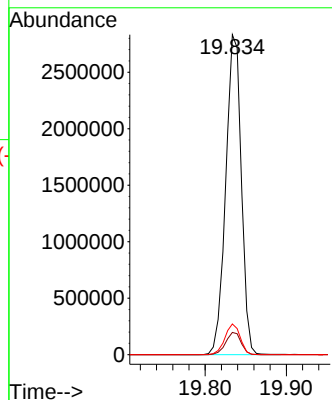
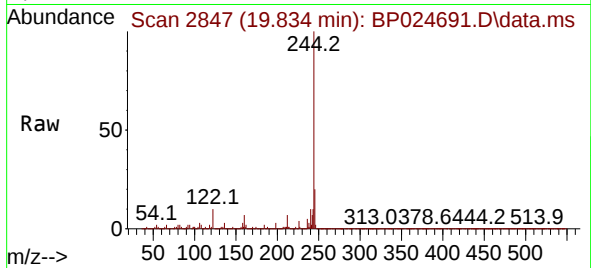




#79  
 Terphenyl-d14  
 Concen: 65.315 ng  
 RT: 19.834 min Scan# 21  
 Delta R.T. 0.024 min  
 Lab File: BP024691.D  
 Acq: 19 May 2025 16:16

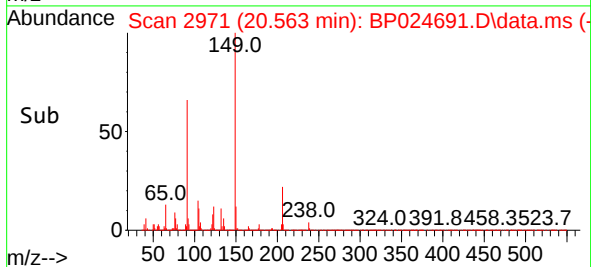
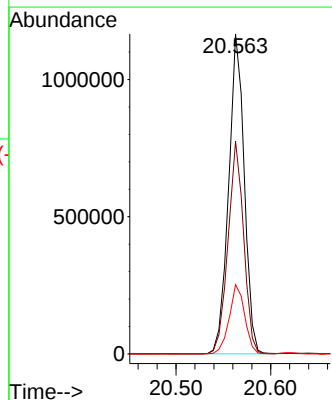
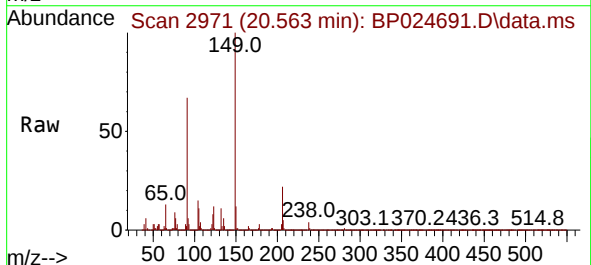
Instrument :  
 BNA\_P  
 ClientSampleId :

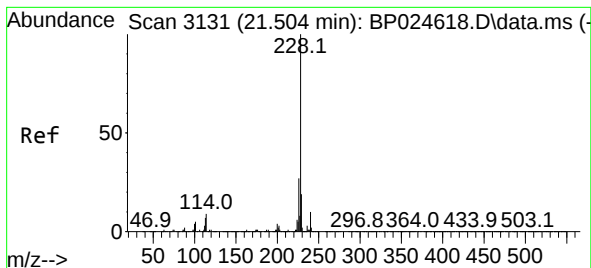
Tgt Ion:244 Resp: 3781697  
 Ion Ratio Lower Upper  
 244 100  
 212 6.9 5.5 8.3  
 122 9.6 7.4 11.0



#80  
 Butylbenzylphthalate  
 Concen: 50.636 ng  
 RT: 20.563 min Scan# 2971  
 Delta R.T. 0.024 min  
 Lab File: BP024691.D  
 Acq: 19 May 2025 16:16

Tgt Ion:149 Resp: 1339615  
 Ion Ratio Lower Upper  
 149 100  
 91 66.5 55.4 83.0  
 206 21.6 16.2 24.2





#81

Benzo(a)anthracene

Concen: 46.371 ng

RT: 21.516 min Scan# 3133

Delta R.T. 0.012 min

Lab File: BP024691.D

Acq: 19 May 2025 16:16

Instrument :

BNA\_P

ClientSampleId :

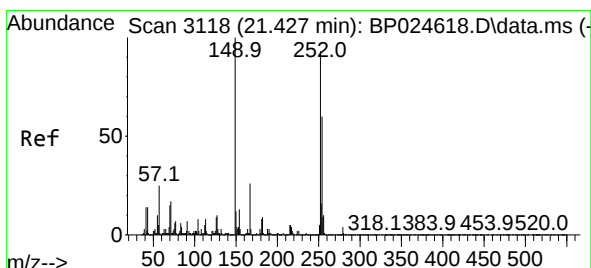
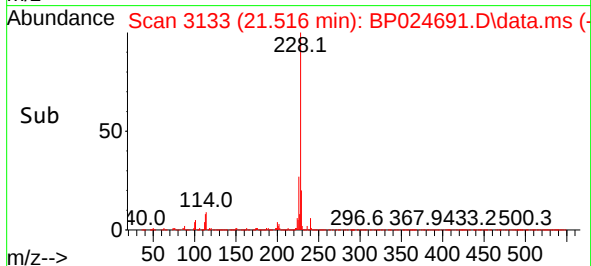
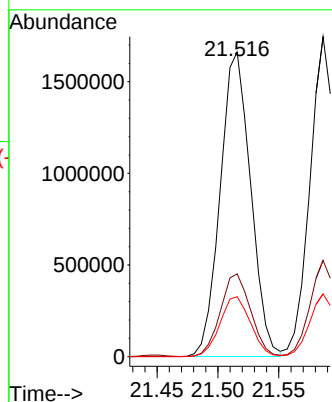
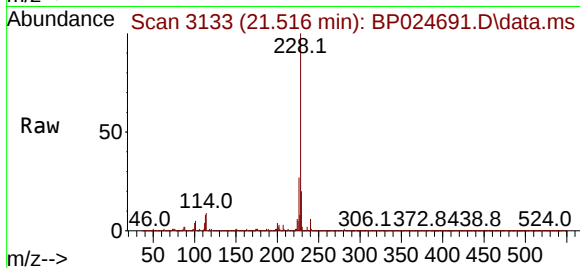
Tgt Ion:228 Resp: 2890751

Ion Ratio Lower Upper

228 100

226 27.2 21.4 32.0

229 19.7 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 35.398 ng

RT: 21.445 min Scan# 3121

Delta R.T. 0.018 min

Lab File: BP024691.D

Acq: 19 May 2025 16:16

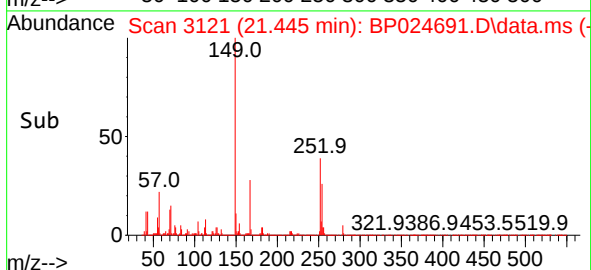
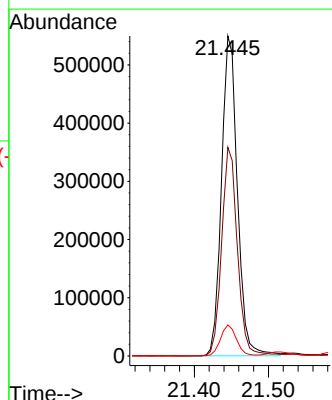
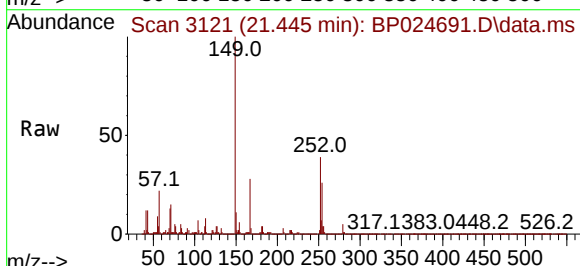
Tgt Ion:252 Resp: 819615

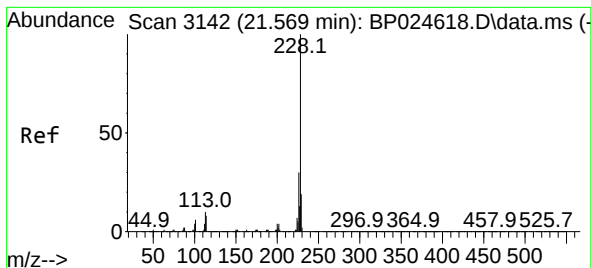
Ion Ratio Lower Upper

252 100

254 65.2 51.8 77.6

126 9.7 7.7 11.5





#83

Chrysene

Concen: 45.631 ng

RT: 21.586 min Scan# 3145

Delta R.T. 0.018 min

Lab File: BP024691.D

Acq: 19 May 2025 16:16

Instrument :

BNA\_P

ClientSampleId :

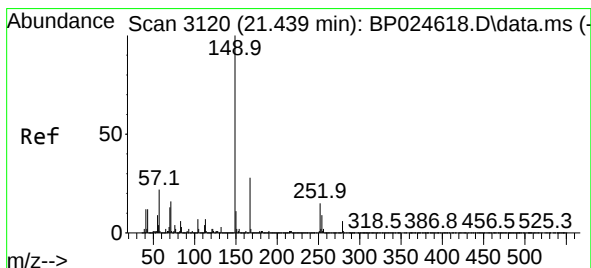
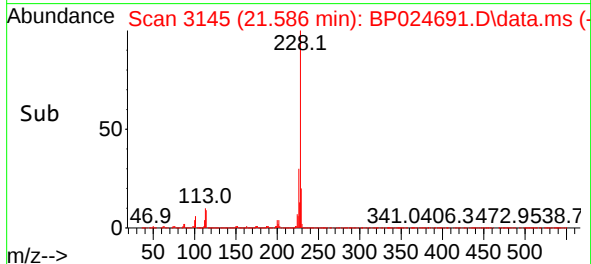
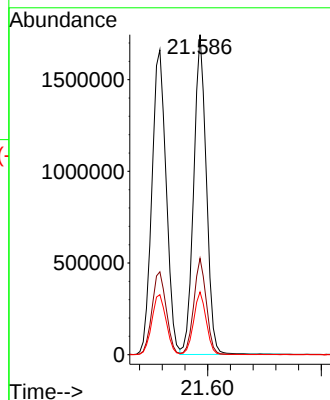
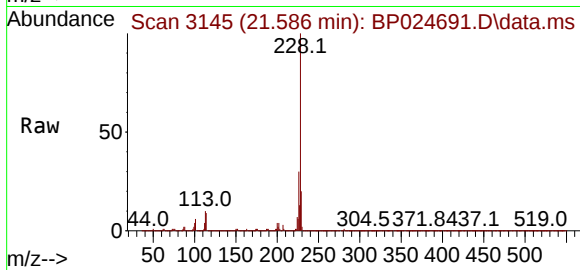
Tgt Ion:228 Resp: 2696533

Ion Ratio Lower Upper

228 100

226 30.1 23.9 35.9

229 19.6 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.222 ng

RT: 21.451 min Scan# 3122

Delta R.T. 0.012 min

Lab File: BP024691.D

Acq: 19 May 2025 16:16

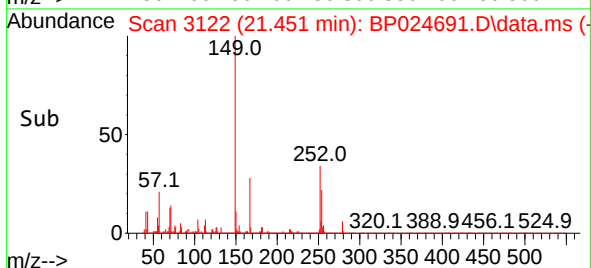
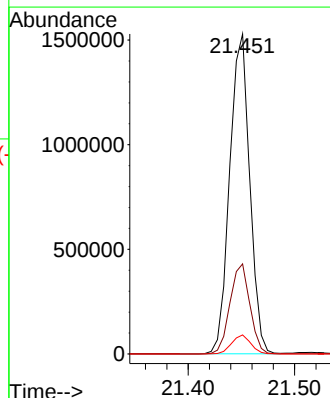
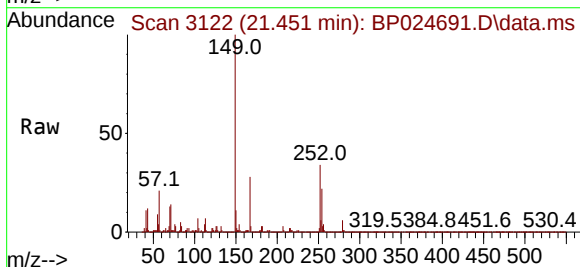
Tgt Ion:149 Resp: 1991784

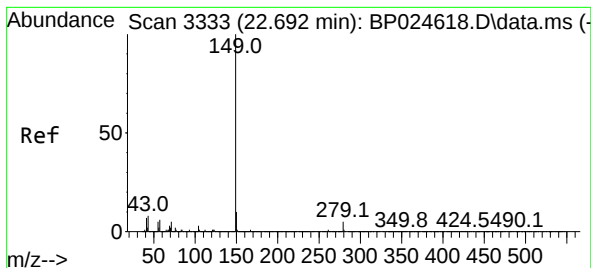
Ion Ratio Lower Upper

149 100

167 28.1 22.1 33.1

279 5.9 4.6 6.8





#85

Di-n-octyl phthalate

Concen: 53.790 ng

RT: 22.698 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP024691.D

Acq: 19 May 2025 16:16

Instrument :

BNA\_P

ClientSampleId :

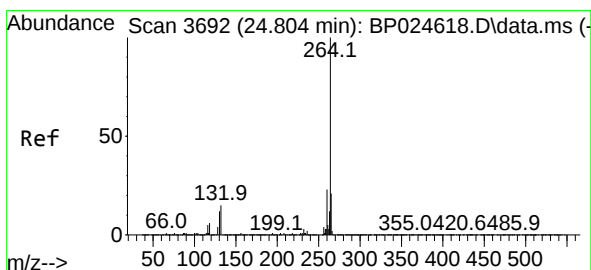
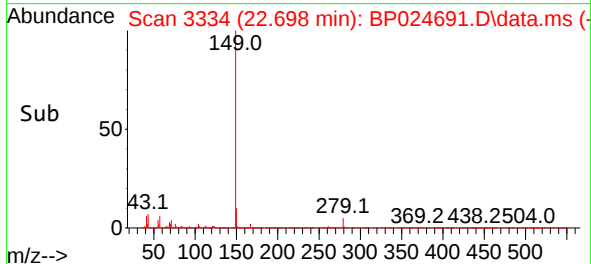
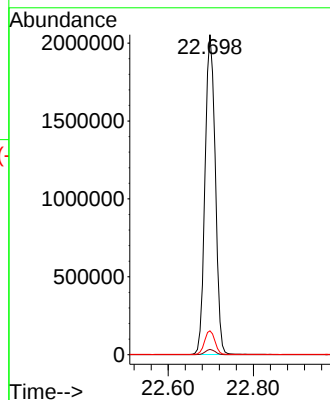
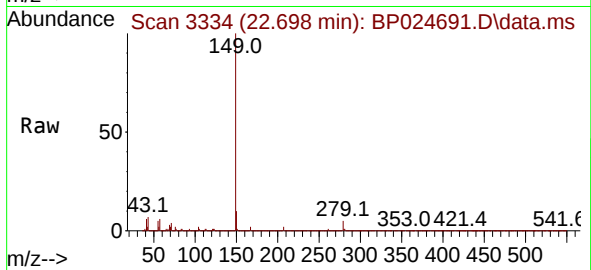
Tgt Ion:149 Resp: 3420415

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 7.5 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.827 min Scan# 3696

Delta R.T. 0.024 min

Lab File: BP024691.D

Acq: 19 May 2025 16:16

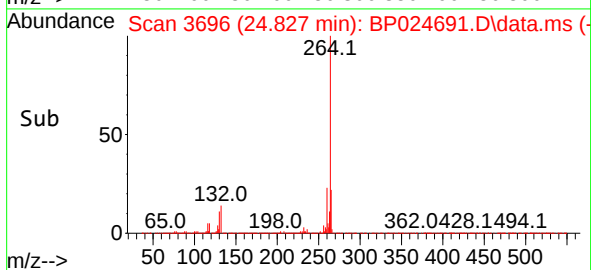
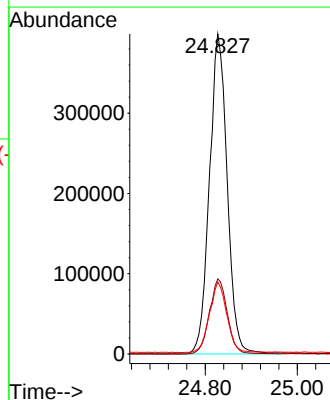
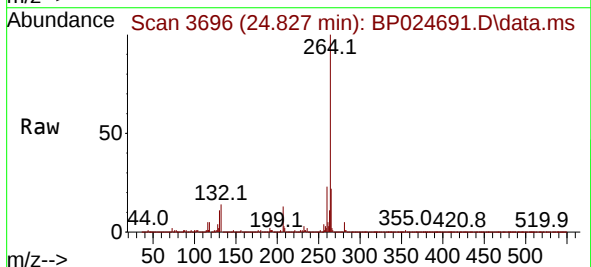
Tgt Ion:264 Resp: 1067591

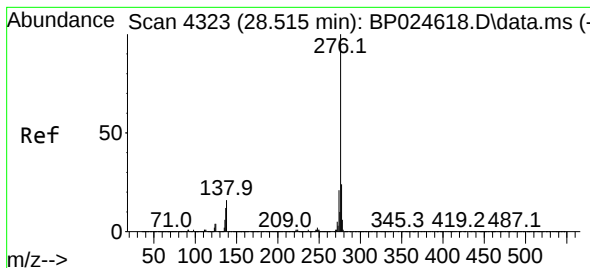
Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

265 22.5 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.301 ng

RT: 28.568 min Scan# 41

Delta R.T. 0.053 min

Lab File: BP024691.D

Acq: 19 May 2025 16:16

Instrument :

BNA\_P

ClientSampleId :

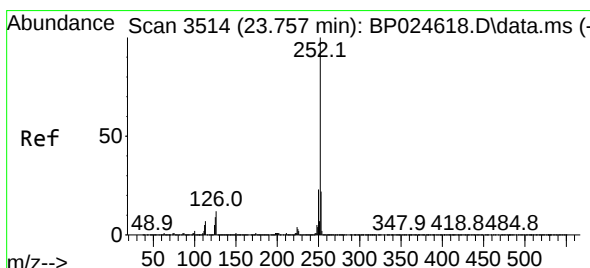
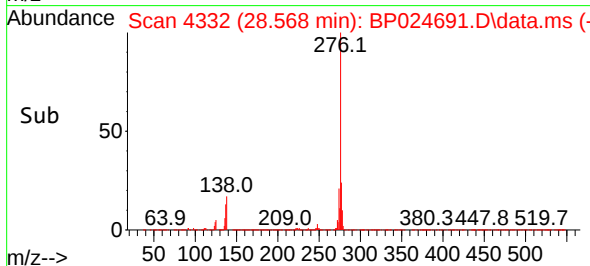
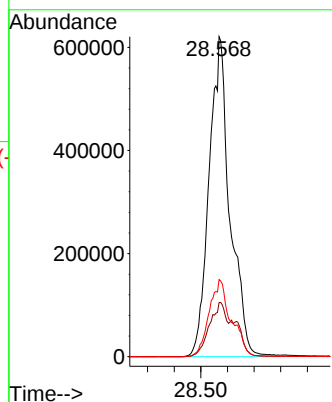
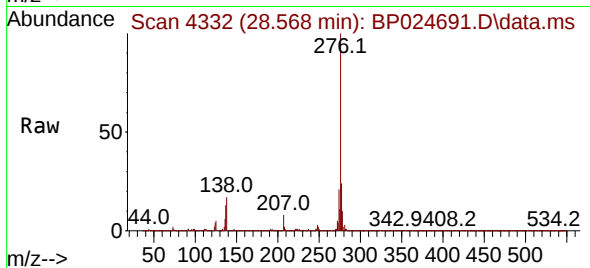
Tgt Ion:276 Resp: 3374918

Ion Ratio Lower Upper

276 100

138 13.7 11.2 16.8

277 25.4 15.7 23.5#



#88

Benzo(b)fluoranthene

Concen: 46.504 ng

RT: 23.780 min Scan# 3518

Delta R.T. 0.024 min

Lab File: BP024691.D

Acq: 19 May 2025 16:16

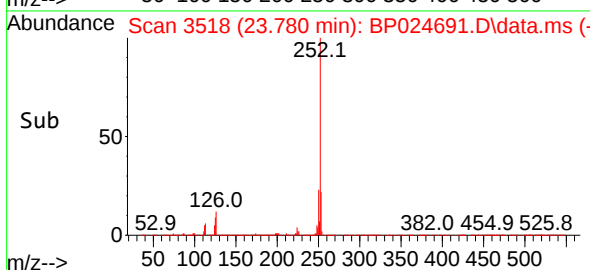
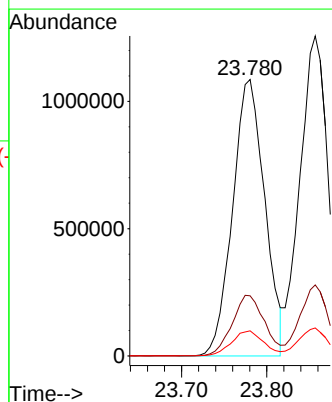
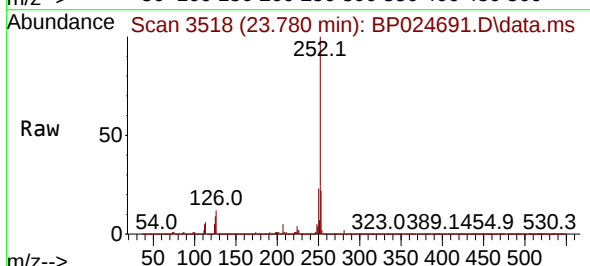
Tgt Ion:252 Resp: 2841716

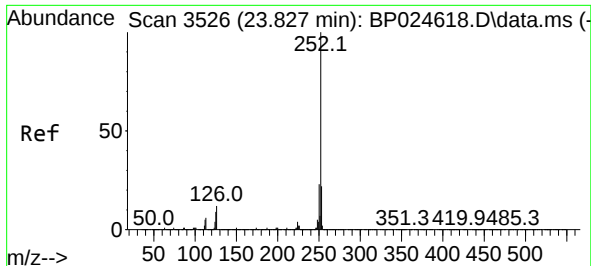
Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 9.1 7.5 11.3

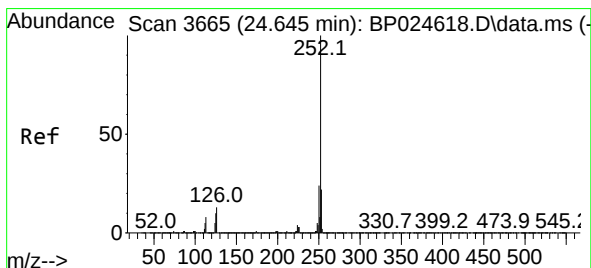
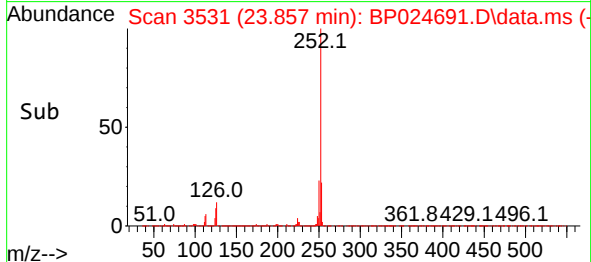
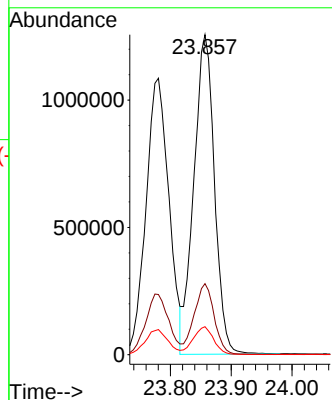
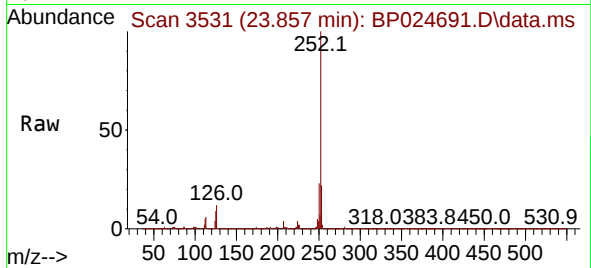




#89  
Benzo(k)fluoranthene  
Concen: 46.834 ng  
RT: 23.857 min Scan# 31  
Delta R.T. 0.030 min  
Lab File: BP024691.D  
Acq: 19 May 2025 16:16

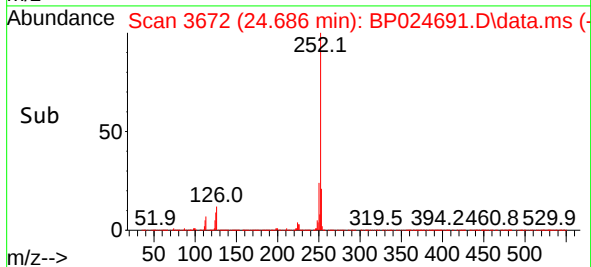
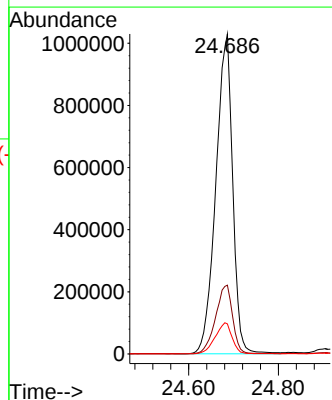
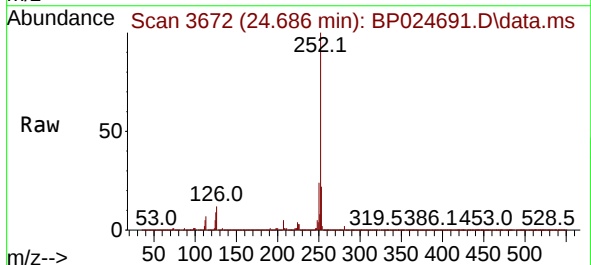
Instrument :  
BNA\_P  
ClientSampleId :

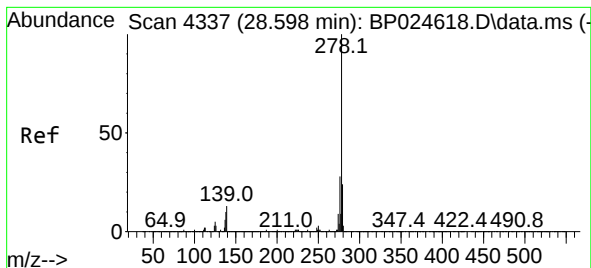
Tgt Ion:252 Resp: 2948981  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.6 26.4  
125 8.8 7.0 10.4



#90  
Benzo(a)pyrene  
Concen: 45.700 ng  
RT: 24.686 min Scan# 3672  
Delta R.T. 0.041 min  
Lab File: BP024691.D  
Acq: 19 May 2025 16:16

Tgt Ion:252 Resp: 2682066  
Ion Ratio Lower Upper  
252 100  
253 21.5 17.7 26.5  
125 9.4 8.1 12.1





#91

Dibenzo(a,h)anthracene

Concen: 43.621 ng

RT: 28.639 min Scan# 41

Delta R.T. 0.041 min

Lab File: BP024691.D

Acq: 19 May 2025 16:16

Instrument :

BNA\_P

ClientSampleId :

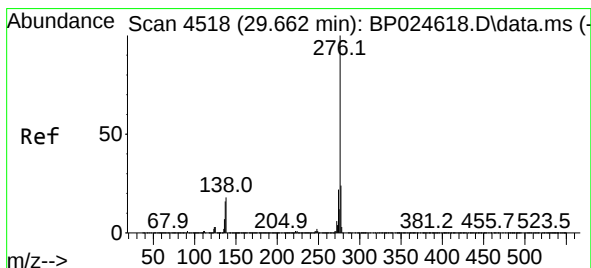
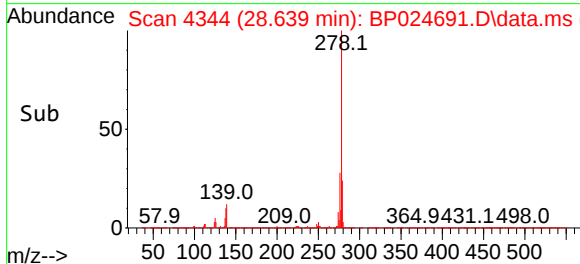
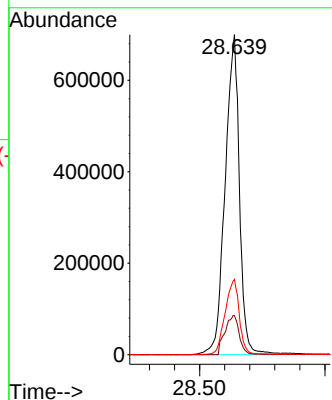
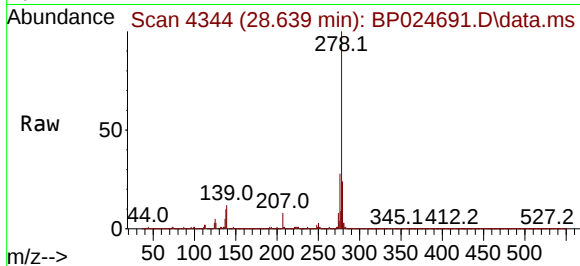
Tgt Ion:278 Resp: 2765872

Ion Ratio Lower Upper

278 100

139 12.2 10.2 15.4

279 23.6 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 42.286 ng

RT: 29.704 min Scan# 4525

Delta R.T. 0.041 min

Lab File: BP024691.D

Acq: 19 May 2025 16:16

Tgt Ion:276 Resp: 2666340

Ion Ratio Lower Upper

276 100

277 24.0 19.0 28.4

138 18.3 14.4 21.6

