

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP051925\  
 Data File : BP024692.D  
 Acq On : 19 May 2025 16:57  
 Operator : RC/JU  
 Sample : Q2032-06MSD  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 TP-24MSD

Quant Time: May 19 17:27:02 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     | 7.658  | 152  | 196921   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.428 | 136  | 749405   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.287 | 164  | 420201   | 20.000  | ng    | -0.02    |
| 64) Phenanthrene-d10          | 17.087 | 188  | 679242   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12              | 21.527 | 240  | 638666   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.810 | 264  | 839473   | 20.000  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.293  | 112  | 1209381  | 105.041 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.864  | 99   | 1478895  | 100.645 | ng    | 0.01     |
| 23) Nitrobenzene-d5           | 8.805  | 82   | 896488   | 60.443  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.810 | 330  | 661723   | 92.891  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 12.899 | 172  | 1999584  | 62.344  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.810 | 244  | 2209762  | 59.328  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.223  | 88   | 181724   | 33.613  | ng    | 99       |
| 3) Pyridine                   | 3.617  | 79   | 438532   | 36.581  | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.528  | 42   | 205615   | 38.851  | ng    | 98       |
| 6) Aniline                    | 6.999  | 93   | 585413   | 30.857  | ng    | 100      |
| 8) 2-Chlorophenol             | 7.240  | 128  | 548558   | 41.970  | ng    | 98       |
| 9) Benzaldehyde               | 6.811  | 77   | 321210   | 33.769  | ng    | 99       |
| 10) Phenol                    | 6.893  | 94   | 625410   | 41.237  | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 7.093  | 93   | 463977   | 37.231  | ng    | 100      |
| 12) 1,3-Dichlorobenzene       | 7.546  | 146  | 599570   | 39.872  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 7.693  | 146  | 606670   | 40.113  | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 8.005  | 146  | 576717   | 39.134  | ng    | 99       |
| 15) Benzyl Alcohol            | 7.905  | 79   | 446064   | 39.947  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.181  | 45   | 548786   | 36.771  | ng    | 98       |
| 17) 2-Methylphenol            | 8.116  | 107  | 428153   | 39.361  | ng    | 99       |
| 18) Hexachloroethane          | 8.722  | 117  | 223961   | 38.643  | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 8.458  | 70   | 347741   | 34.211  | ng    | 99       |
| 20) 3+4-Methylphenols         | 8.446  | 107  | 565346   | 38.208  | ng    | 97       |
| 22) Acetophenone              | 8.475  | 105  | 756270   | 40.400  | ng    | # 98     |
| 24) Nitrobenzene              | 8.852  | 77   | 529357   | 40.556  | ng    | 96       |
| 25) Isophorone                | 9.369  | 82   | 957993   | 37.236  | ng    | 99       |
| 26) 2-Nitrophenol             | 9.552  | 139  | 290801   | 45.467  | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 9.628  | 122  | 466977   | 41.412  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 9.846  | 93   | 598373   | 38.929  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.099 | 162  | 472255   | 43.217  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 10.293 | 180  | 519399   | 42.179  | ng    | 98       |
| 31) Naphthalene               | 10.475 | 128  | 1590199  | 40.948  | ng    | 100      |
| 32) Benzoic acid              | 9.816  | 122  | 282685   | 37.875  | ng    | 97       |
| 33) 4-Chloroaniline           | 10.593 | 127  | 341133   | 21.769  | ng    | 99       |
| 34) Hexachlorobutadiene       | 10.757 | 225  | 336503   | 42.183  | ng    | 99       |
| 35) Caprolactam               | 11.393 | 113  | 133067   | 33.657  | ng    | 99       |
| 36) 4-Chloro-3-methylphenol   | 11.746 | 107  | 506053   | 37.975  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 12.087 | 142  | 977131   | 38.858  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.310 | 142  | 1020992  | 37.947  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.463 | 216  | 557424   | 45.682  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.440 | 237  | 711281   | 96.132  | ng    | 96       |
| 43) 2,4,6-Trichlorophenol     | 12.716 | 196  | 357272   | 45.204  | ng    | 98       |

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

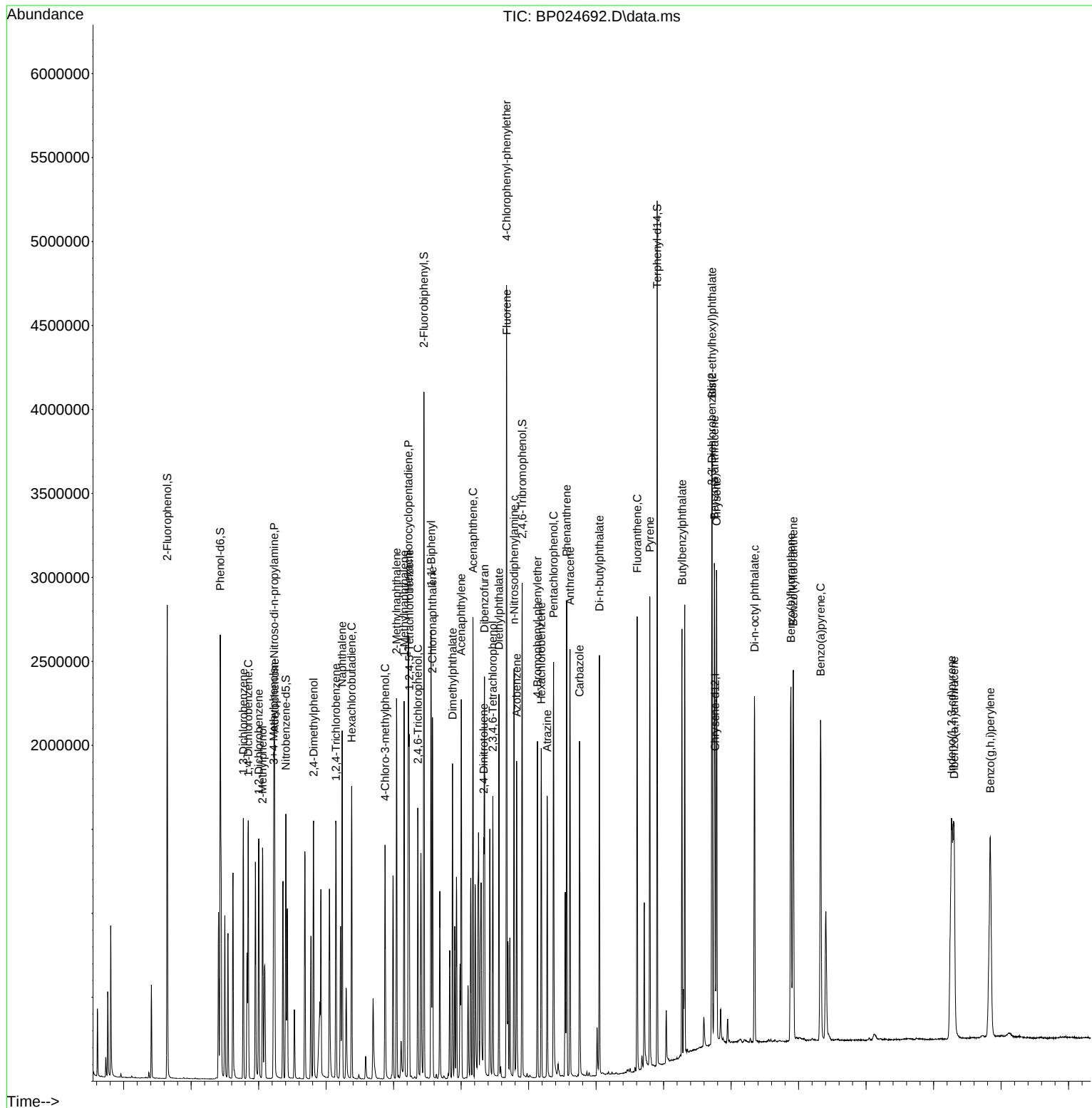
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.810 | 196  | 388038   | 44.107 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.110 | 154  | 1363337  | 43.897 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.151 | 162  | 1031049  | 43.540 | ng    | 100      |
| 48) 2-Nitroaniline            | 13.369 | 65   | 280282   | 39.978 | ng    | 98       |
| 49) Acenaphthylene            | 14.004 | 152  | 1644347  | 41.494 | ng    | 99       |
| 50) Dimethylphthalate         | 13.746 | 163  | 1226815  | 38.305 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 13.863 | 165  | 264271   | 39.070 | ng    | 99       |
| 52) Acenaphthene              | 14.351 | 154  | 924318   | 40.572 | ng    | 100      |
| 53) 3-Nitroaniline            | 14.204 | 138  | 167821   | 24.299 | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 14.422 | 184  | 303159   | 71.789 | ng    | 95       |
| 55) Dibenzofuran              | 14.693 | 168  | 1423464  | 39.172 | ng    | 98       |
| 56) 4-Nitrophenol             | 14.575 | 139  | 354661   | 60.409 | ng    | 99       |
| 57) 2,4-Dinitrotoluene        | 14.669 | 165  | 352898   | 37.006 | ng    | 97       |
| 58) Fluorene                  | 15.351 | 166  | 1151688  | 38.869 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 14.940 | 232  | 313160   | 38.372 | ng    | 96       |
| 60) Diethylphthalate          | 15.122 | 149  | 1185410  | 36.620 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.345 | 204  | 581085   | 39.324 | ng    | 99       |
| 62) 4-Nitroaniline            | 15.392 | 138  | 207171   | 31.065 | ng    | 96       |
| 63) Azobenzene                | 15.645 | 77   | 1052163  | 37.995 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.445 | 198  | 192444   | 43.862 | ng    | 98       |
| 66) n-Nitrosodiphenylamine    | 15.569 | 169  | 959522   | 45.990 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.263 | 248  | 379814   | 47.454 | ng    | 97       |
| 68) Hexachlorobenzene         | 16.375 | 284  | 461671   | 45.394 | ng    | 98       |
| 69) Atrazine                  | 16.551 | 200  | 316051   | 41.336 | ng    | 98       |
| 70) Pentachlorophenol         | 16.739 | 266  | 507077   | 88.819 | ng    | 98       |
| 71) Phenanthrene              | 17.128 | 178  | 1575554  | 41.726 | ng    | 100      |
| 72) Anthracene                | 17.228 | 178  | 1580121  | 41.592 | ng    | 100      |
| 73) Carbazole                 | 17.510 | 167  | 1346907  | 39.171 | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.098 | 149  | 1803089  | 40.773 | ng    | 100      |
| 75) Fluoranthene              | 19.216 | 202  | 1639877  | 37.153 | ng    | 100      |
| 77) Benzidine                 | 19.428 | 184  | 663223   | 38.128 | ng    | 100      |
| 78) Pyrene                    | 19.592 | 202  | 1652101  | 43.173 | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.545 | 149  | 744559   | 43.748 | ng    | 93       |
| 81) Benzo(a)anthracene        | 21.504 | 228  | 1678348  | 41.851 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.427 | 252  | 551554   | 37.029 | ng    | 100      |
| 83) Chrysene                  | 21.569 | 228  | 1612852  | 42.426 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.433 | 149  | 1101805  | 44.046 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.692 | 149  | 1924172  | 47.038 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 28.533 | 276  | 2833559  | 46.235 | ng    | # 91     |
| 88) Benzo(b)fluoranthene      | 23.774 | 252  | 2008973  | 41.810 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 23.845 | 252  | 2050124  | 41.406 | ng    | 99       |
| 90) Benzo(a)pyrene            | 24.651 | 252  | 1964741  | 42.575 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 28.609 | 278  | 2330309  | 46.738 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 29.680 | 276  | 2295562  | 46.299 | ng    | 100      |

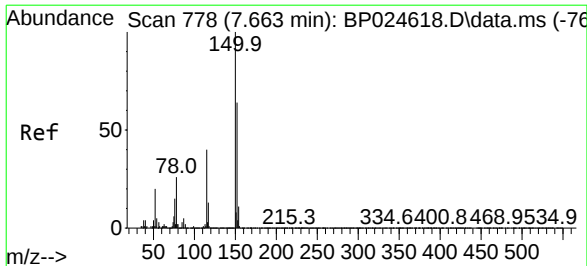
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ALS Vial : 8 Sample Multiplier: 1

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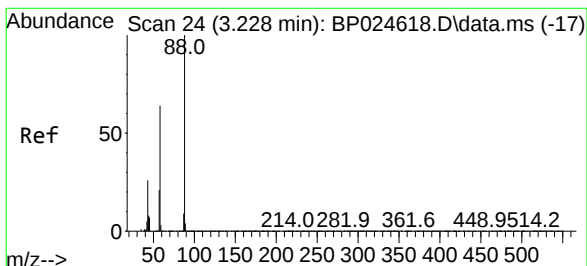
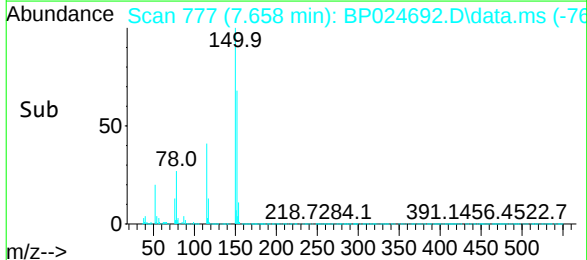
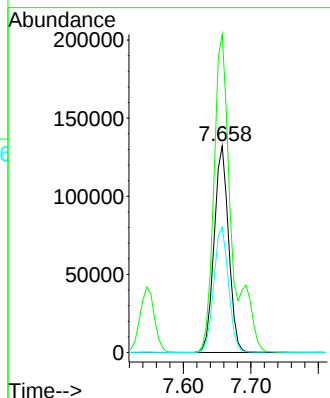
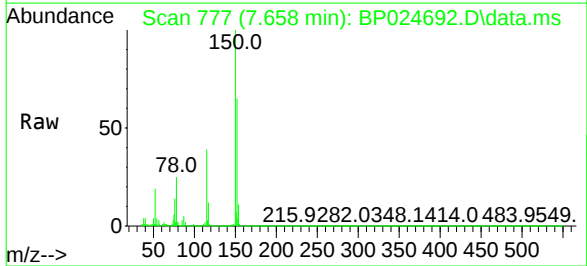




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.658 min Scan# 77  
Delta R.T. -0.005 min  
Lab File: BP024692.D  
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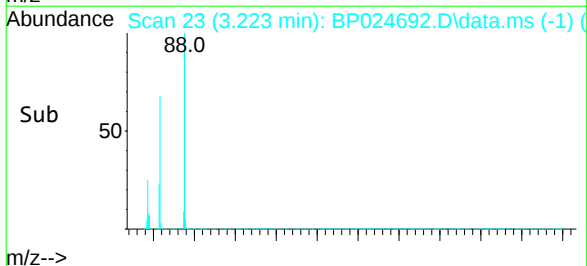
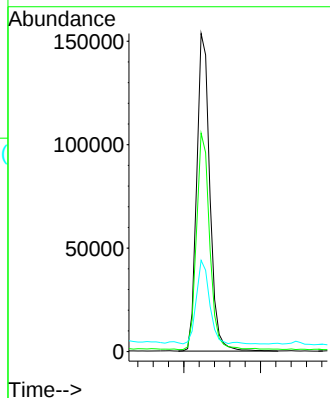
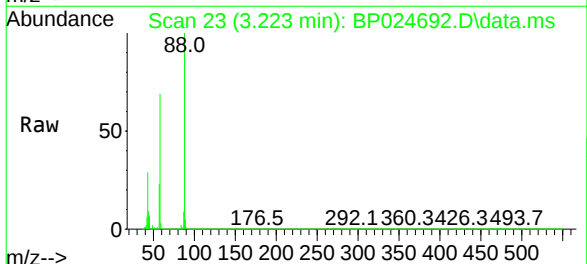
Instrument :  
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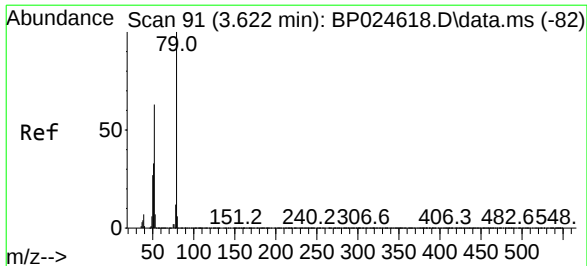
Tgt Ion:152 Resp: 196921  
Ion Ratio Lower Upper  
152 100  
150 153.9 125.9 188.9  
115 60.7 50.1 75.1



#2  
1,4-Dioxane  
Concen: 33.613 ng  
RT: 3.223 min Scan# 23  
Delta R.T. -0.006 min  
Lab File: BP024692.D  
Acq: 19 May 2025 16:57

Tgt Ion: 88 Resp: 181724  
Ion Ratio Lower Upper  
88 100  
58 68.1 54.0 81.0  
43 26.1 21.4 32.0

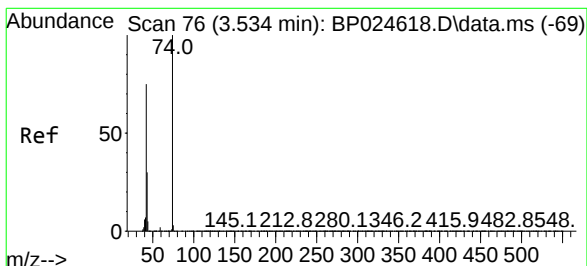
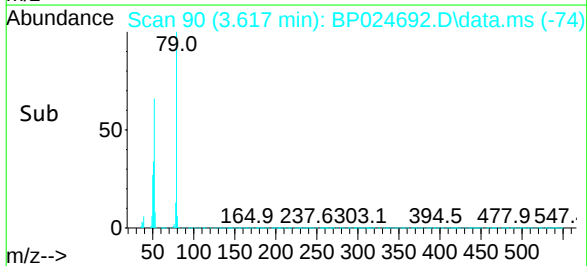
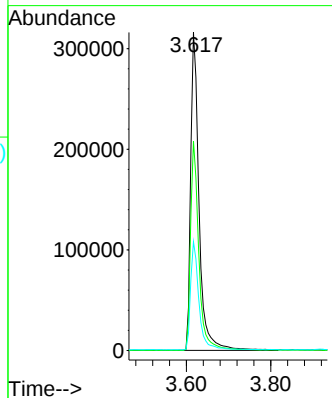
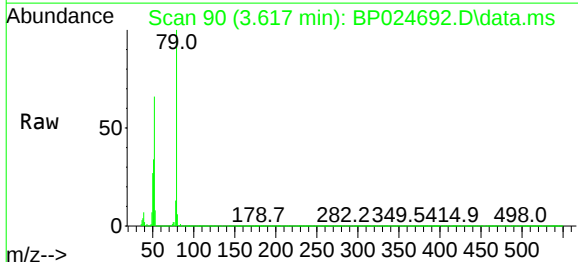




#3  
 Pyridine  
 Concen: 36.581 ng  
 RT: 3.617 min Scan# 90  
 Delta R.T. -0.006 min  
 Lab File: BP024692.D  
 Acq: 19 May 2025 16:57

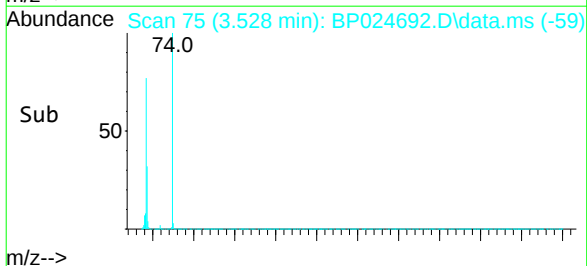
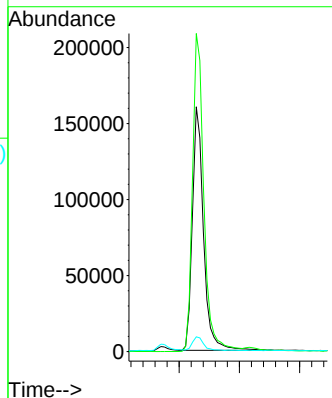
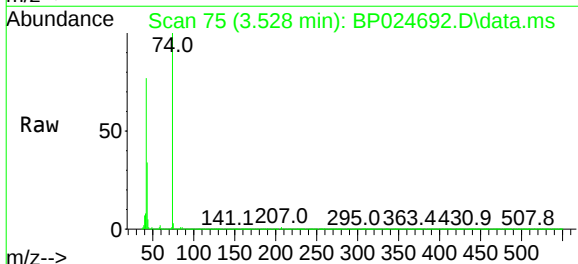
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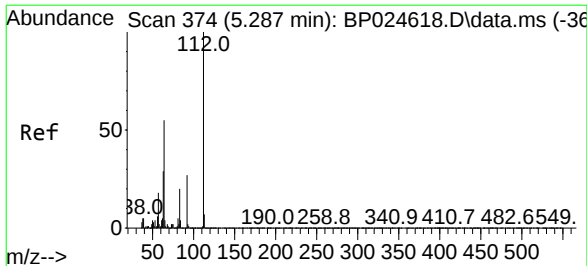
Tgt Ion: 79 Resp: 438532  
 Ion Ratio Lower Upper  
 79 100  
 52 65.8 50.2 75.2  
 51 34.2 26.8 40.2



#4  
 n-Nitrosodimethylamine  
 Concen: 38.851 ng  
 RT: 3.528 min Scan# 75  
 Delta R.T. -0.006 min  
 Lab File: BP024692.D  
 Acq: 19 May 2025 16:57

Tgt Ion: 42 Resp: 205615  
 Ion Ratio Lower Upper  
 42 100  
 74 129.9 106.2 159.2  
 44 6.0 5.4 8.2

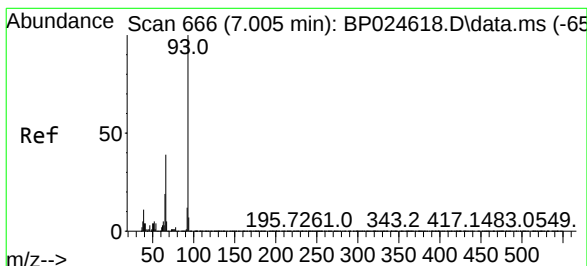
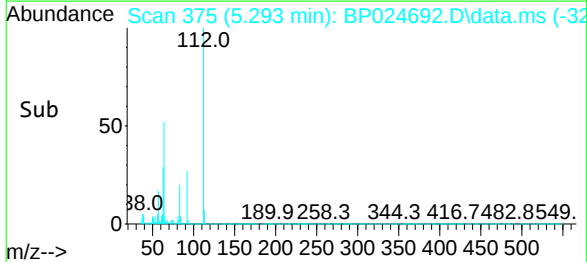
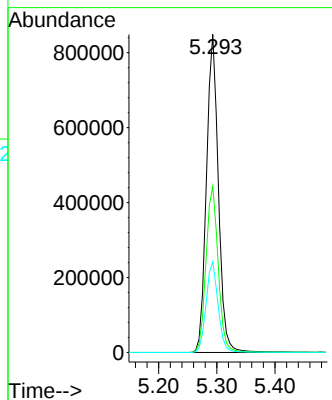
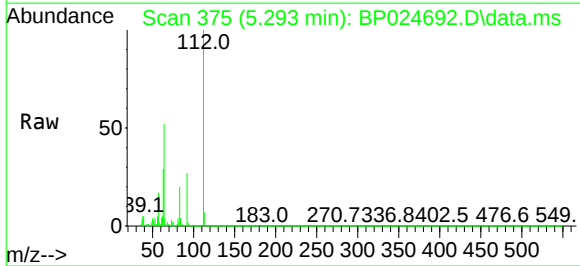




#5  
2-Fluorophenol  
Concen: 105.041 ng  
RT: 5.293 min Scan# 37  
Delta R.T. 0.006 min  
Lab File: BP024692.D  
Acq: 19 May 2025 16:57

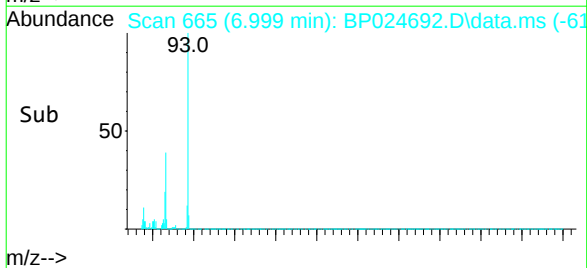
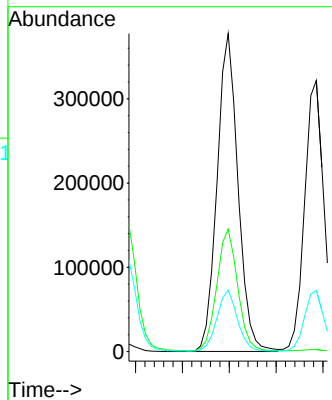
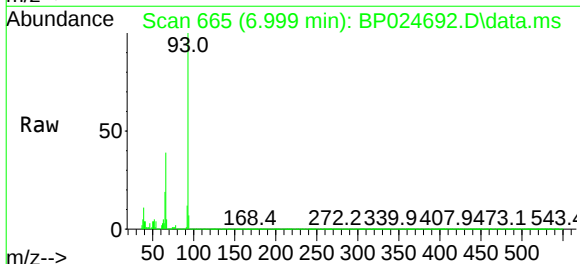
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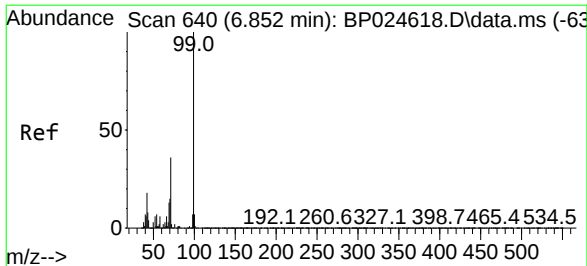
Tgt Ion: 112 Resp: 1209381  
Ion Ratio Lower Upper  
112 100  
64 52.3 44.1 66.1  
63 28.6 23.5 35.3



#6  
Aniline  
Concen: 30.857 ng  
RT: 6.999 min Scan# 665  
Delta R.T. -0.006 min  
Lab File: BP024692.D  
Acq: 19 May 2025 16:57

Tgt Ion: 93 Resp: 585413  
Ion Ratio Lower Upper  
93 100  
66 38.5 31.0 46.6  
65 19.4 15.5 23.3





#7

Phenol-d6

Concen: 100.645 ng

RT: 6.864 min Scan# 640

Delta R.T. 0.012 min

Lab File: BP024692.D

Acq: 19 May 2025 16:57

Instrument :

BNA\_P

ClientSampleId :

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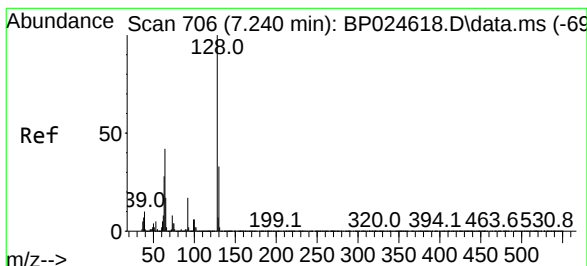
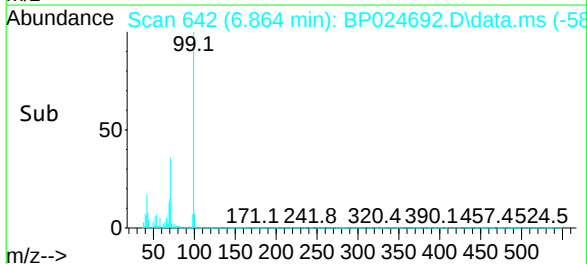
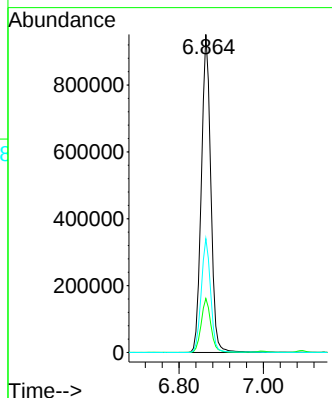
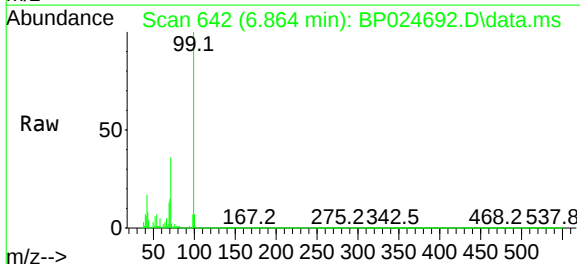
Tgt Ion: 99 Resp: 1478895

Ion Ratio Lower Upper

99 100

42 17.0 14.4 21.6

71 35.8 29.2 43.8



#8

2-Chlorophenol

Concen: 41.970 ng

RT: 7.240 min Scan# 706

Delta R.T. 0.000 min

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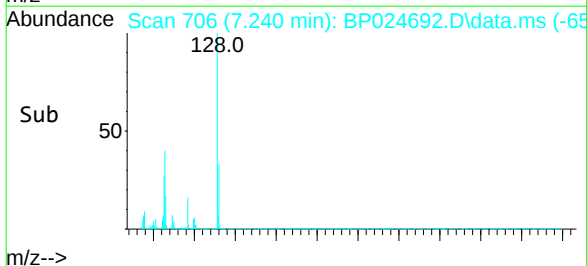
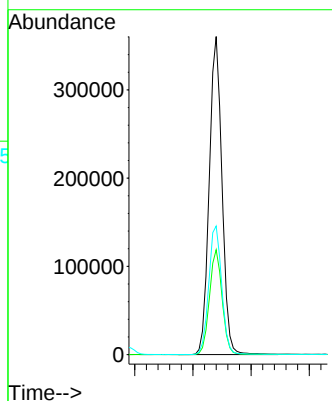
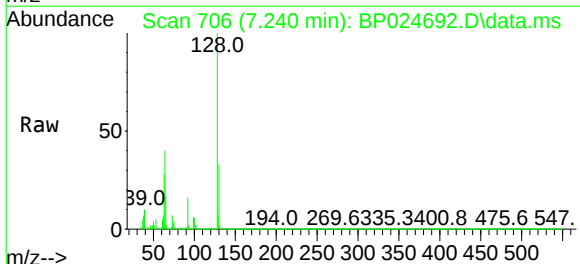
Tgt Ion: 128 Resp: 548558

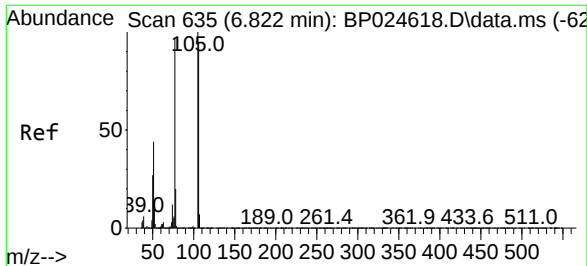
Ion Ratio Lower Upper

128 100

130 33.0 13.0 53.0

64 40.4 22.3 62.3





#9

Benzaldehyde

Concen: 33.769 ng

RT: 6.811 min Scan# 63

Delta R.T. -0.012 min

Lab File: BP024692.D

Acq: 19 May 2025 16:57

Instrument :

BNA\_P

ClientSampleId :

TP-24MSD

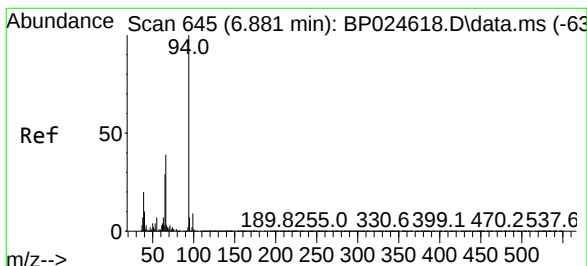
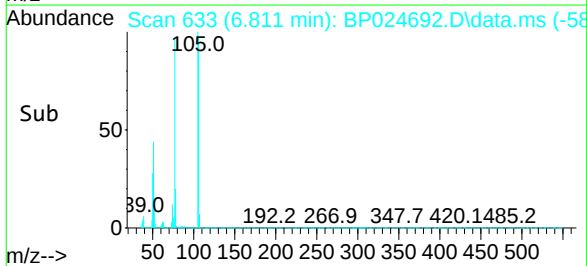
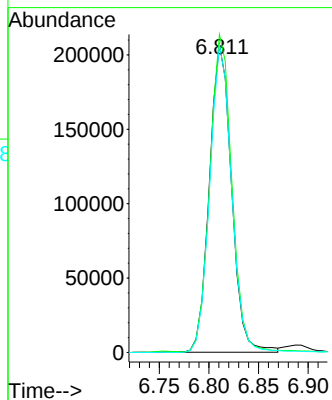
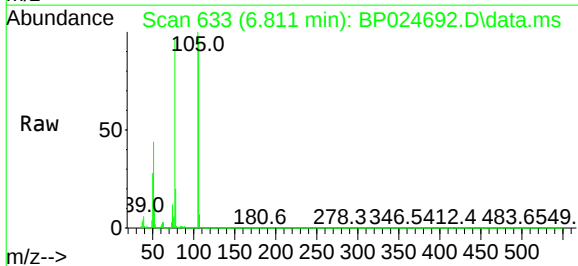
Tgt Ion: 77 Resp: 321210

Ion Ratio Lower Upper

77 100

105 103.2 83.3 123.3

106 100.0 78.0 118.0



#10

Phenol

Concen: 41.237 ng

RT: 6.893 min Scan# 647

Delta R.T. 0.012 min

Lab File: BP024692.D

Acq: 19 May 2025 16:57

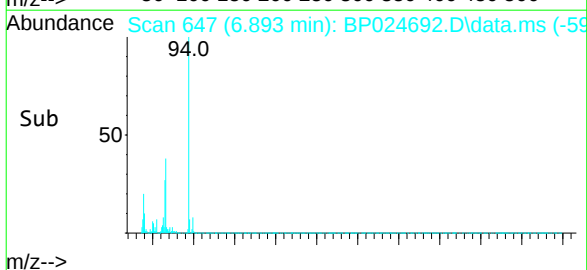
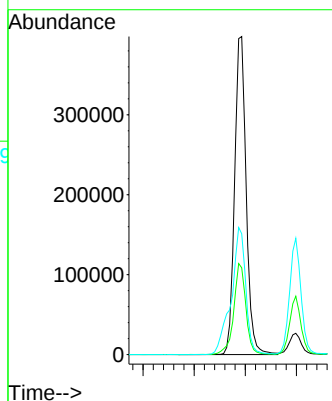
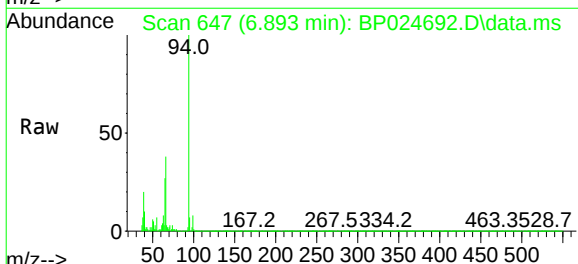
Tgt Ion: 94 Resp: 625410

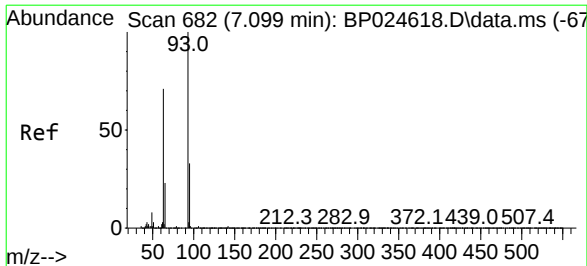
Ion Ratio Lower Upper

94 100

65 27.3 8.7 48.7

66 38.0 19.4 59.4





#11

bis(2-Chloroethyl)ether

Concen: 37.231 ng

RT: 7.093 min Scan# 681

Delta R.T. -0.006 min

Lab File: BP024692.D

Acq: 19 May 2025 16:57

Instrument :

BNA\_P

ClientSampleId :

TP-24MSD

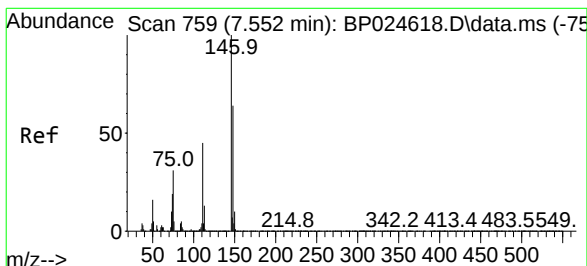
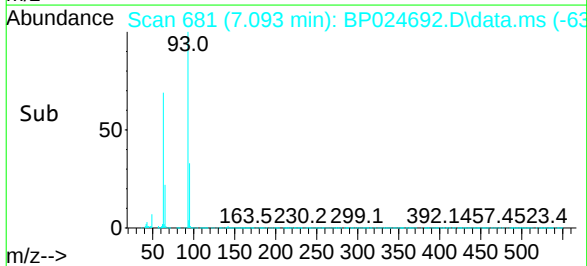
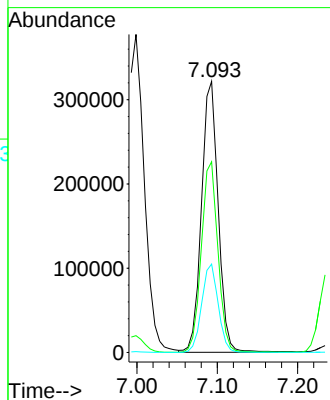
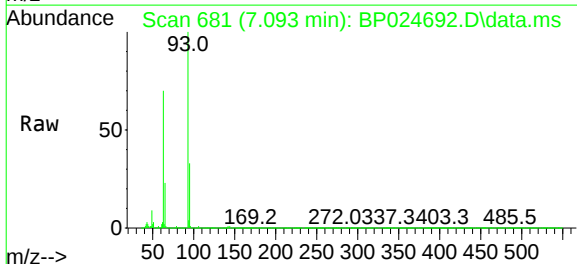
Tgt Ion: 93 Resp: 463977

Ion Ratio Lower Upper

93 100

63 70.3 50.6 90.6

95 32.6 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 39.872 ng

RT: 7.546 min Scan# 758

Delta R.T. -0.006 min

Lab File: BP024692.D

Acq: 19 May 2025 16:57

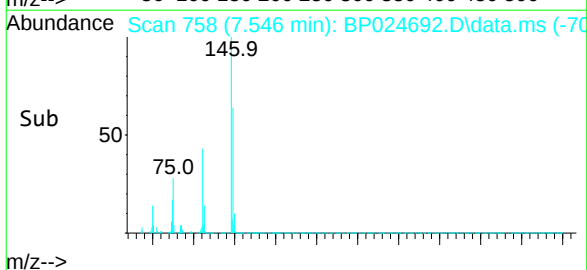
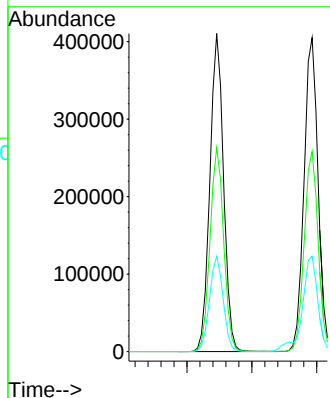
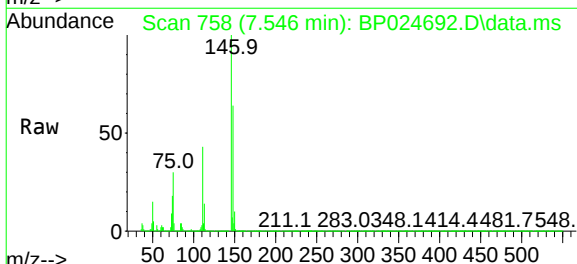
Tgt Ion: 146 Resp: 599570

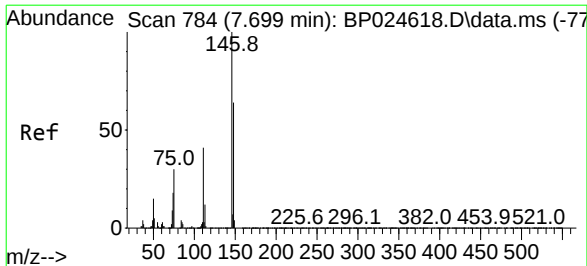
Ion Ratio Lower Upper

146 100

148 64.1 51.4 77.2

75 29.9 25.2 37.8

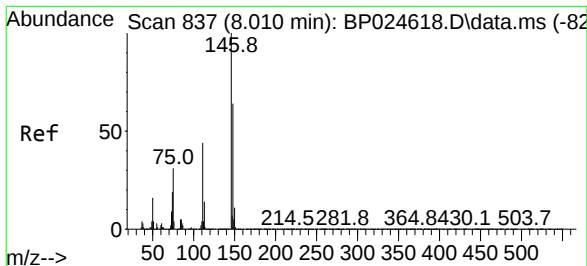
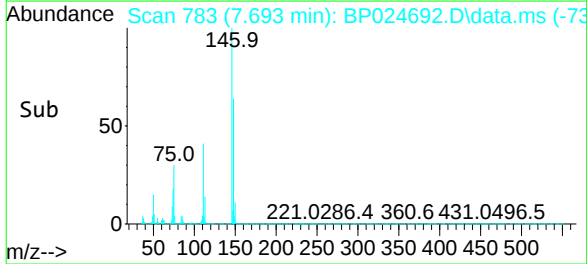
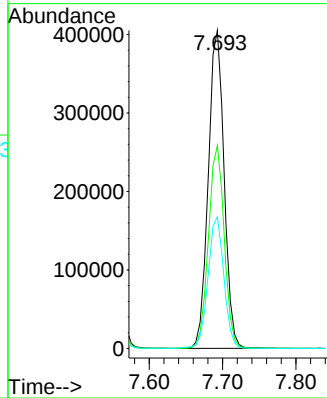
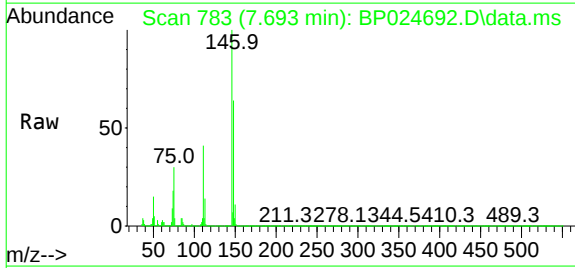




#13  
1,4-Dichlorobenzene  
Concen: 40.113 ng  
RT: 7.693 min Scan# 784  
Delta R.T. -0.006 min  
Lab File: BP024692.D  
Acq: 19 May 2025 16:57

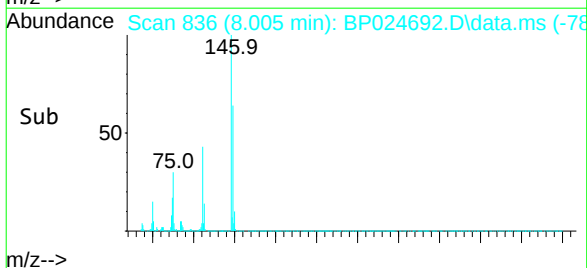
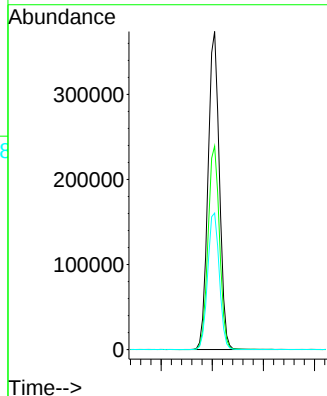
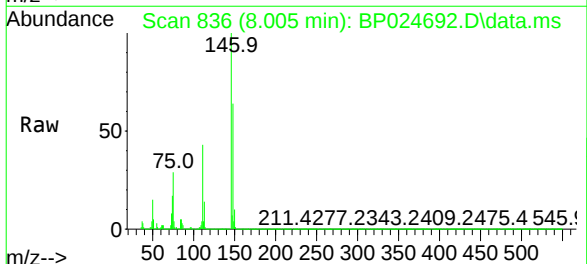
Instrument :  
BNA\_P  
ClientSampleId :  
TP-24MSD

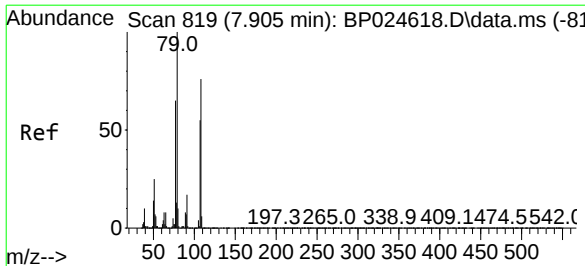
Tgt Ion:146 Resp: 606670  
Ion Ratio Lower Upper  
146 100  
148 63.7 51.0 76.6  
111 41.4 33.0 49.6



#14  
1,2-Dichlorobenzene  
Concen: 39.134 ng  
RT: 8.005 min Scan# 836  
Delta R.T. -0.006 min  
Lab File: BP024692.D  
Acq: 19 May 2025 16:57

Tgt Ion:146 Resp: 576717  
Ion Ratio Lower Upper  
146 100  
148 64.0 51.0 76.4  
111 42.9 35.2 52.8

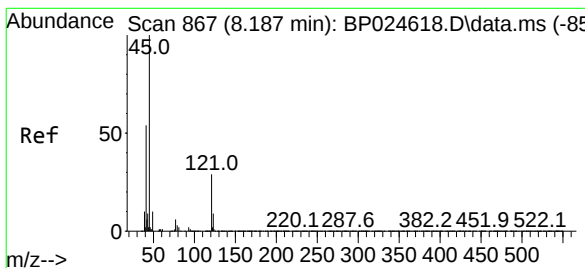
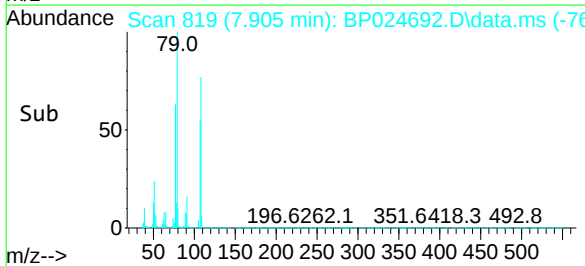
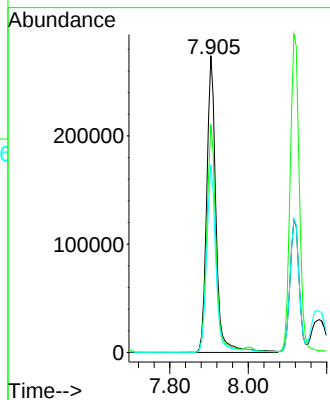
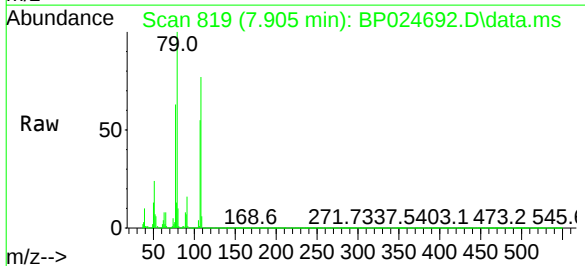




#15  
Benzyl Alcohol  
Concen: 39.947 ng  
RT: 7.905 min Scan# 819  
Delta R.T. 0.000 min  
Lab File: BP024692.D  
Acq: 19 May 2025 16:57

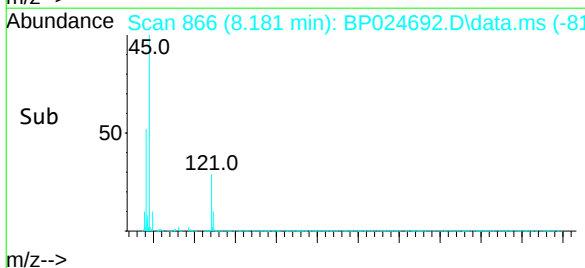
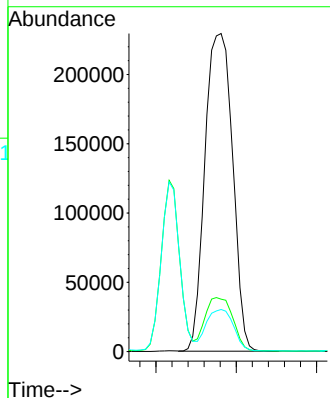
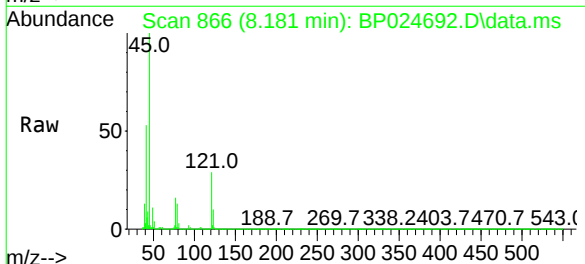
Instrument :  
BNA\_P  
ClientSampleId :  
TP-24MSD

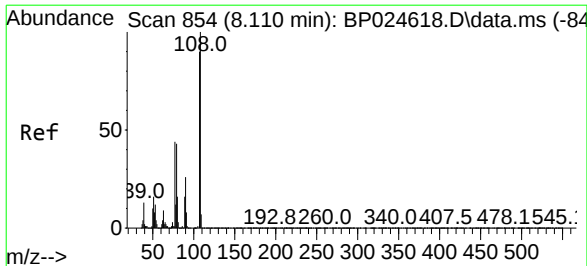
|             |              |
|-------------|--------------|
| Tgt Ion: 79 | Resp: 446064 |
| Ion Ratio   | Lower Upper  |
| 79 100      |              |
| 108 76.8    | 60.8 91.2    |
| 77 63.3     | 51.9 77.9    |



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 36.771 ng  
RT: 8.181 min Scan# 866  
Delta R.T. -0.006 min  
Lab File: BP024692.D  
Acq: 19 May 2025 16:57

|             |              |
|-------------|--------------|
| Tgt Ion: 45 | Resp: 548786 |
| Ion Ratio   | Lower Upper  |
| 45 100      |              |
| 77 16.5     | 0.0 37.7     |
| 79 13.2     | 0.0 34.0     |

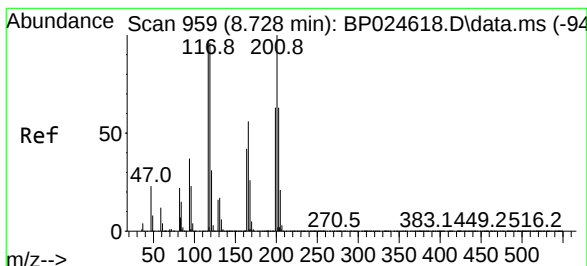
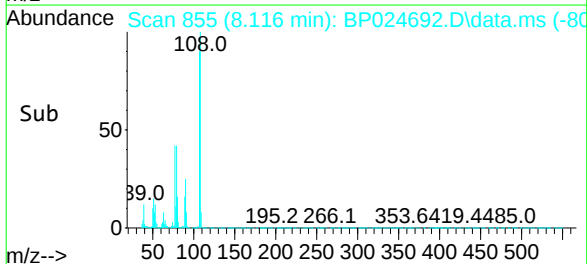
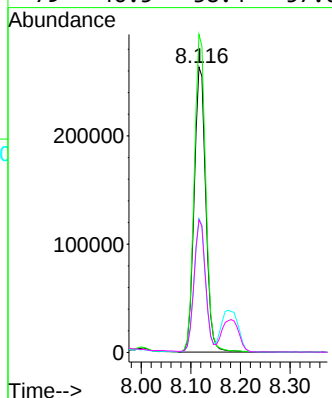
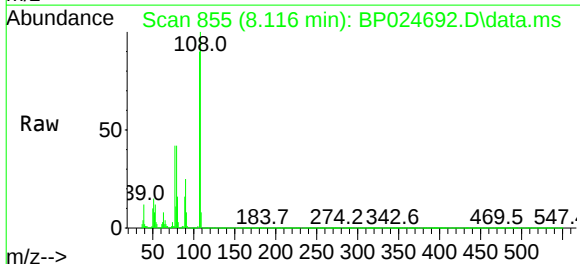




#17  
2-Methylphenol  
Concen: 39.361 ng  
RT: 8.116 min Scan# 85  
Delta R.T. 0.006 min  
Lab File: BP024692.D  
Acq: 19 May 2025 16:57

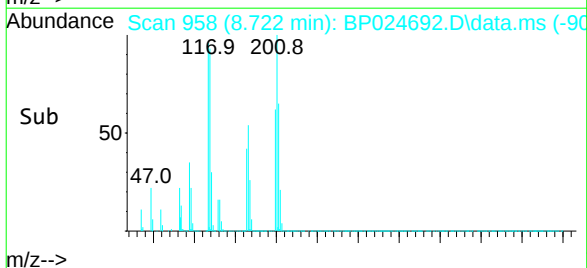
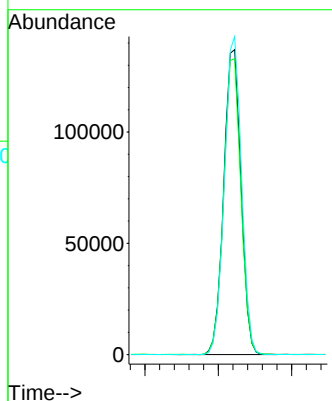
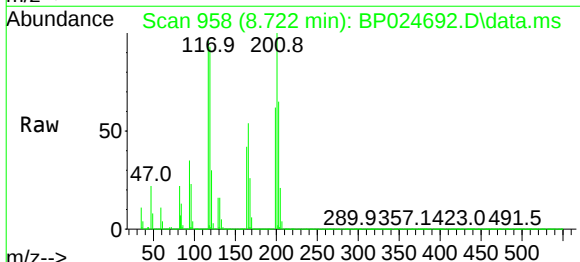
Instrument :  
BNA\_P  
ClientSampleId :  
TP-24MSD

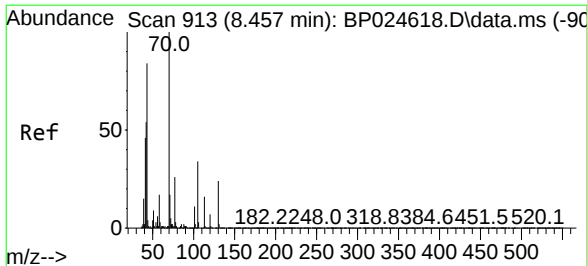
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 428153 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 111.5 | 88.9  | 133.3  |
| 77       | 46.9  | 39.0  | 58.6   |
| 79       | 46.5  | 38.4  | 57.6   |



#18  
Hexachloroethane  
Concen: 38.643 ng  
RT: 8.722 min Scan# 958  
Delta R.T. -0.006 min  
Lab File: BP024692.D  
Acq: 19 May 2025 16:57

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 223961 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 97.0  | 79.4  | 119.0  |
| 201      | 104.3 | 82.7  | 124.1  |

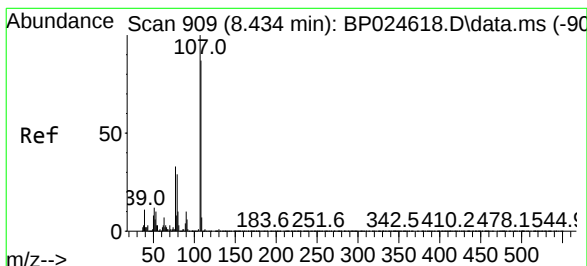
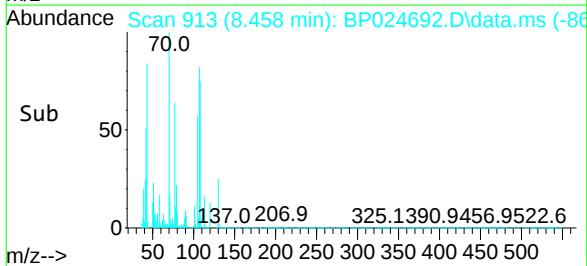
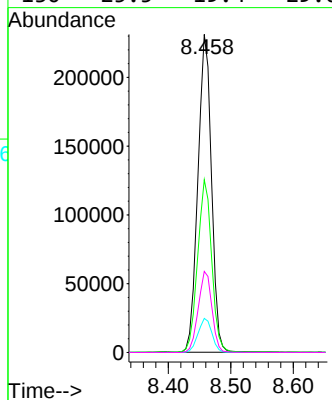
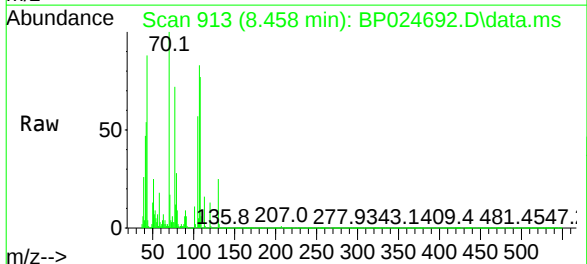




#19  
n-Nitroso-di-n-propylamine  
Concen: 34.211 ng  
RT: 8.458 min Scan# 911  
Delta R.T. 0.000 min  
Lab File: BP024692.D  
Acq: 19 May 2025 16:57

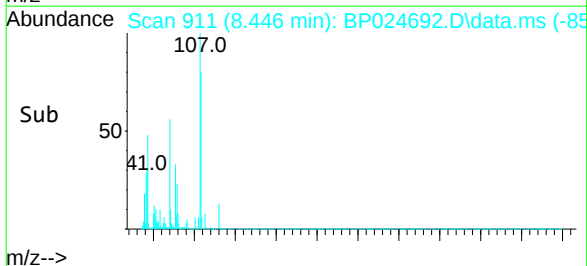
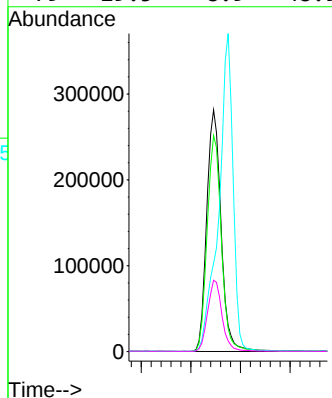
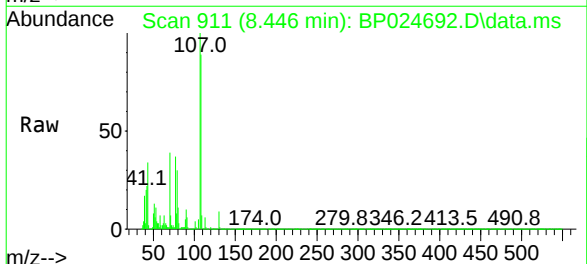
Instrument :  
BNA\_P  
ClientSampleId :  
TP-24MSD

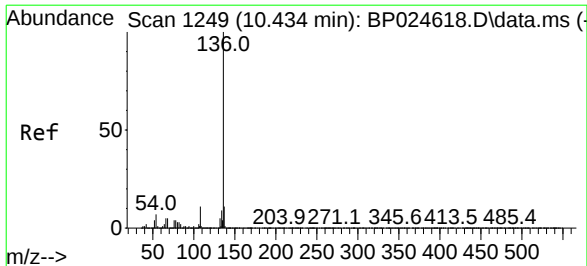
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 347741 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 54.3  | 43.0  | 64.6   |
| 101      | 10.7  | 8.7   | 13.1   |
| 130      | 25.5  | 19.4  | 29.0   |



#20  
3+4-Methylphenols  
Concen: 38.208 ng  
RT: 8.446 min Scan# 911  
Delta R.T. 0.012 min  
Lab File: BP024692.D  
Acq: 19 May 2025 16:57

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 565346 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 89.4  | 66.7  | 106.7  |
| 77       | 36.6  | 13.1  | 53.1   |
| 79       | 29.5  | 8.9   | 48.9   |

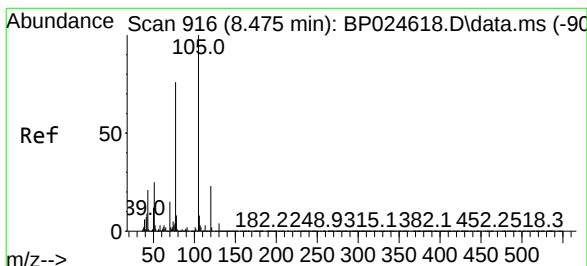
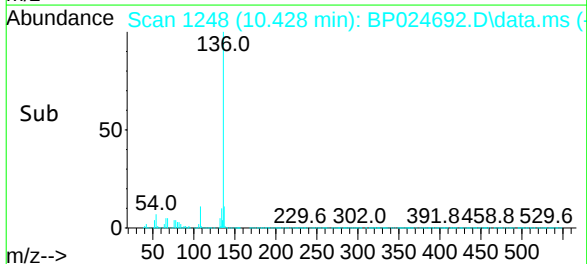
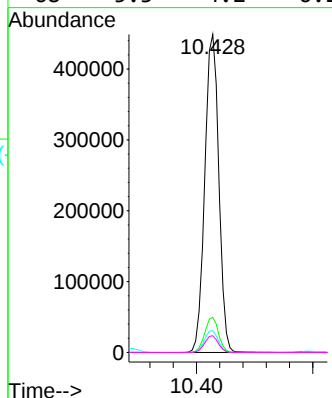
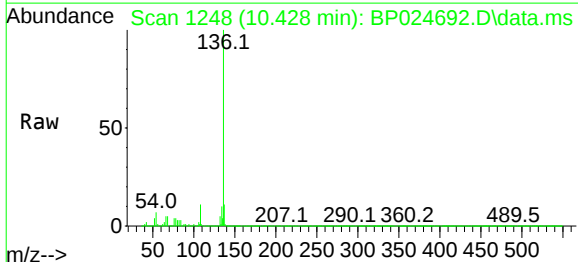




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.428 min Scan# 1248  
Delta R.T. -0.006 min  
Lab File: BP024692.D  
Acq: 19 May 2025 16:57

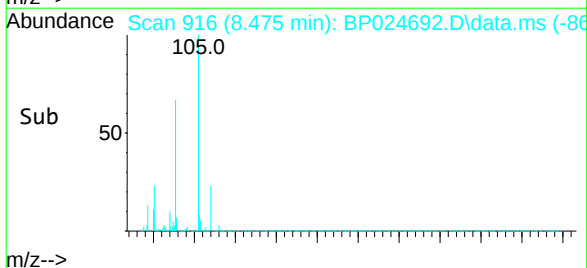
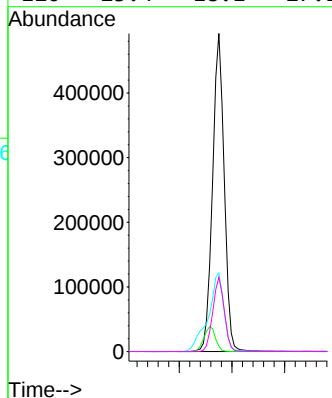
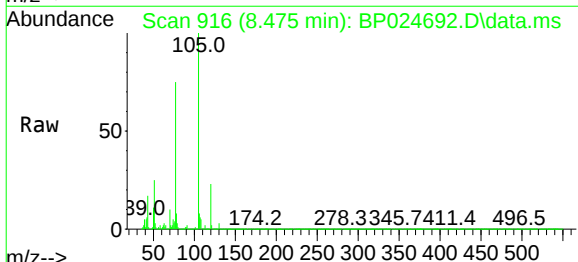
Instrument :  
BNA\_P  
ClientSampleId :  
TP-24MSD

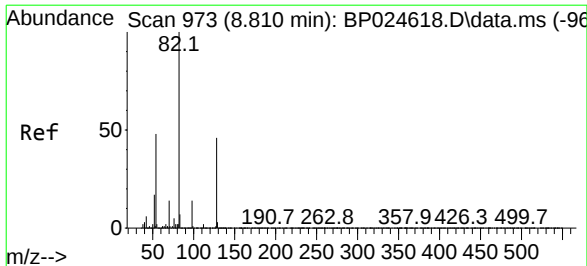
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 749405 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.0  | 8.8   | 13.2   |
| 54       | 6.8   | 5.5   | 8.3    |
| 68       | 5.3   | 4.2   | 6.2    |



#22  
Acetophenone  
Concen: 40.400 ng  
RT: 8.475 min Scan# 916  
Delta R.T. 0.000 min  
Lab File: BP024692.D  
Acq: 19 May 2025 16:57

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 756270 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 1.7   | 2.0   | 3.0#   |
| 51       | 24.8  | 20.4  | 30.6   |
| 120      | 23.4  | 18.1  | 27.1   |





#23

Nitrobenzene-d5

Concen: 60.443 ng

RT: 8.805 min Scan# 97

Delta R.T. -0.006 min

Lab File: BP024692.D

Acq: 19 May 2025 16:57

Instrument :

BNA\_P

ClientSampleId :

TP-24MSD

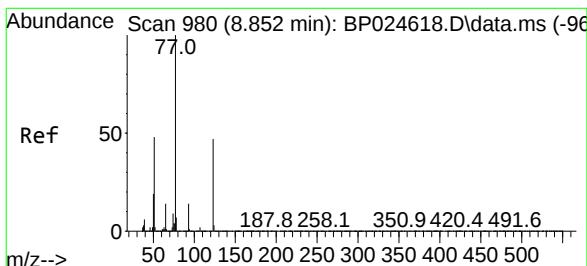
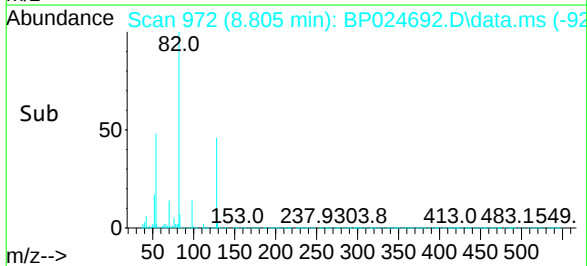
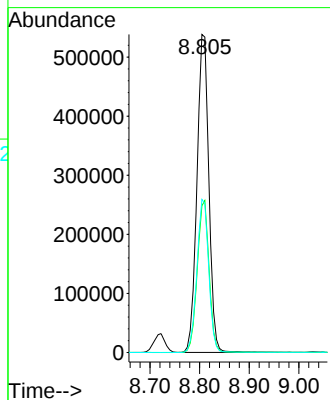
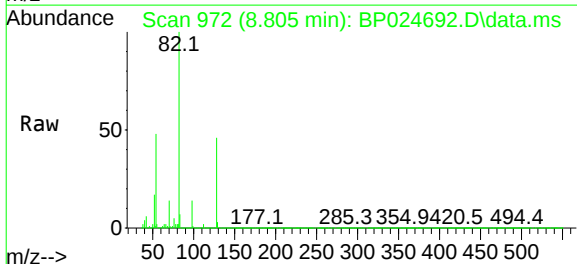
Tgt Ion: 82 Resp: 896488

Ion Ratio Lower Upper

82 100

128 46.1 37.0 55.4

54 48.1 38.7 58.1



#24

Nitrobenzene

Concen: 40.556 ng

RT: 8.852 min Scan# 980

Delta R.T. 0.000 min

Lab File: BP024692.D

Acq: 19 May 2025 16:57

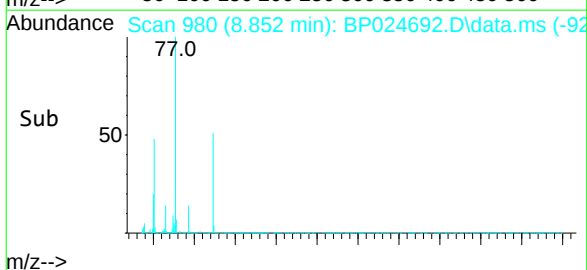
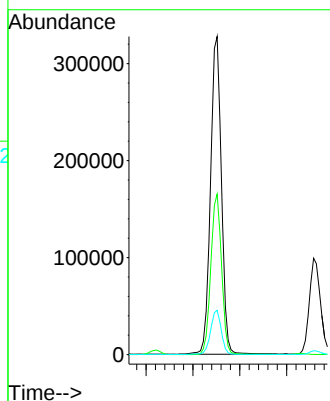
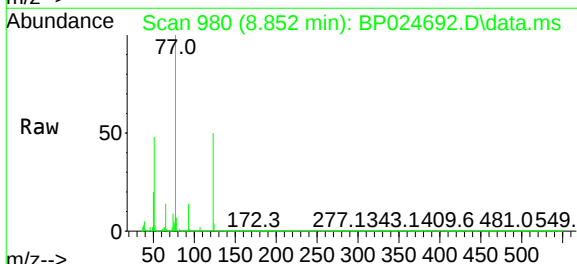
Tgt Ion: 77 Resp: 529357

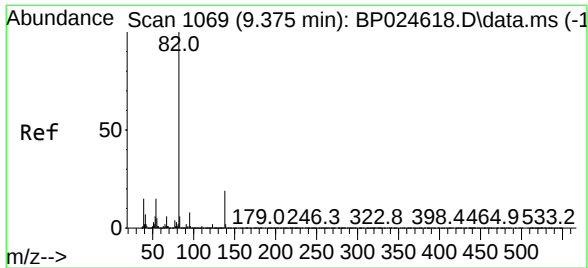
Ion Ratio Lower Upper

77 100

123 50.5 37.4 56.0

65 13.9 11.3 16.9

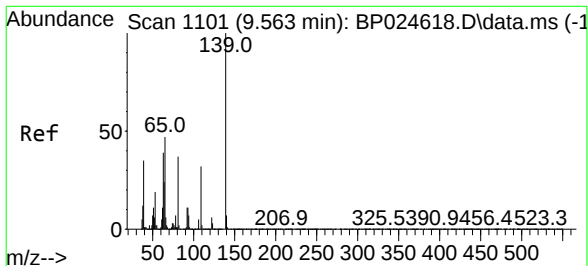
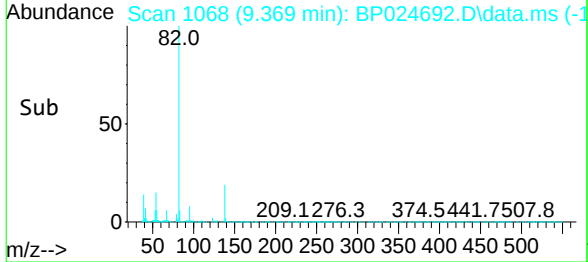
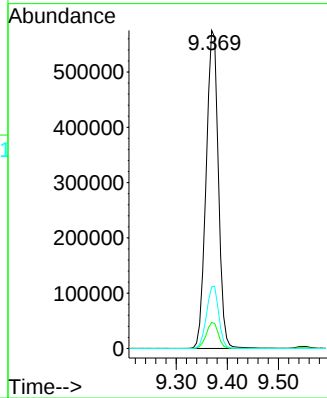
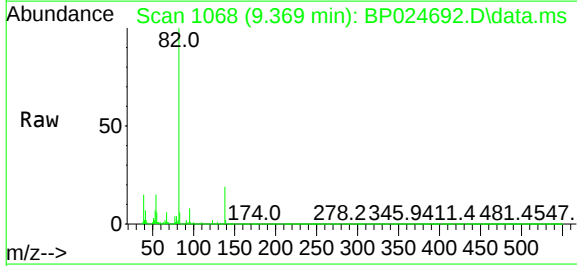




#25  
Isophorone  
Concen: 37.236 ng  
RT: 9.369 min Scan# 1068  
Delta R.T. -0.006 min  
Lab File: BP024692.D  
Acq: 19 May 2025 16:57

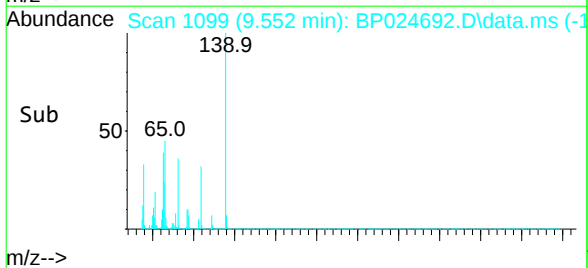
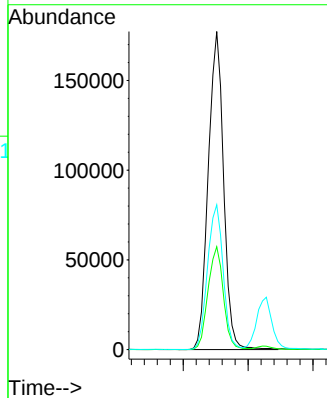
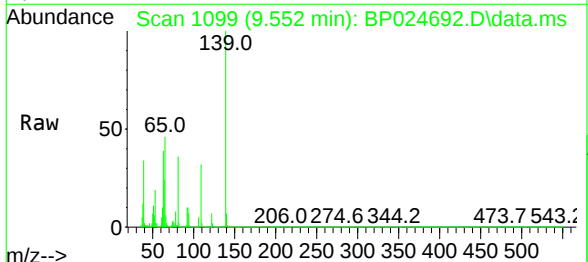
Instrument :  
BNA\_P  
ClientSampleId :  
TP-24MSD

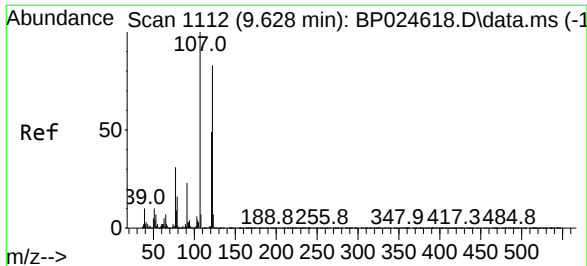
Tgt Ion: 82 Resp: 957993  
Ion Ratio Lower Upper  
82 100  
95 8.2 6.3 9.5  
138 19.4 15.3 22.9



#26  
2-Nitrophenol  
Concen: 45.467 ng  
RT: 9.552 min Scan# 1099  
Delta R.T. -0.012 min  
Lab File: BP024692.D  
Acq: 19 May 2025 16:57

Tgt Ion: 139 Resp: 290801  
Ion Ratio Lower Upper  
139 100  
109 32.3 25.9 38.9  
65 45.5 37.9 56.9

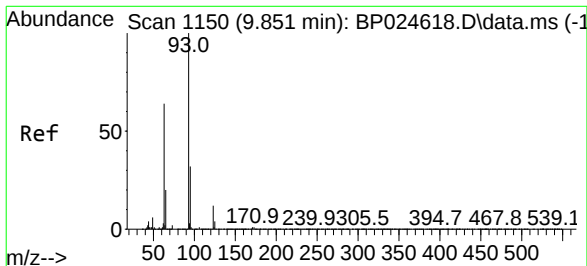
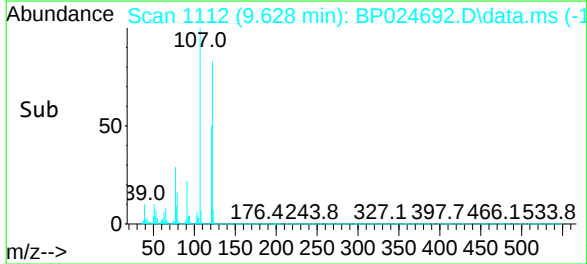
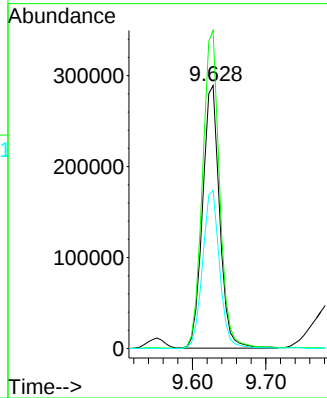
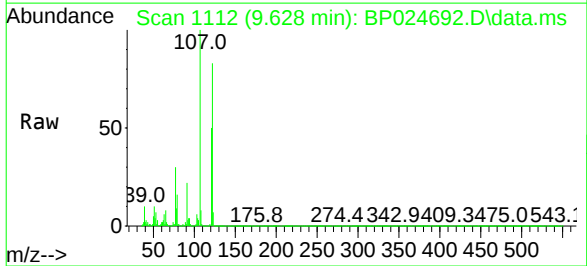




#27  
2,4-Dimethylphenol  
Concen: 41.412 ng  
RT: 9.628 min Scan# 1112  
Delta R.T. 0.000 min  
Lab File: BP024692.D  
Acq: 19 May 2025 16:57

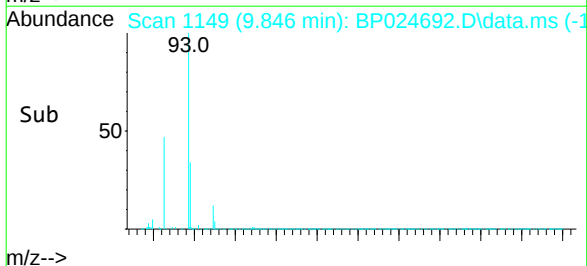
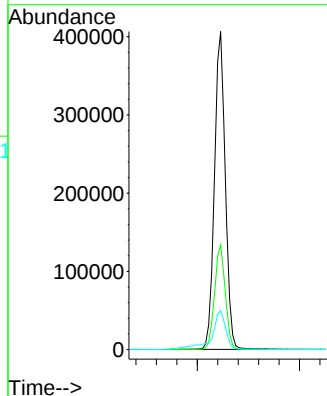
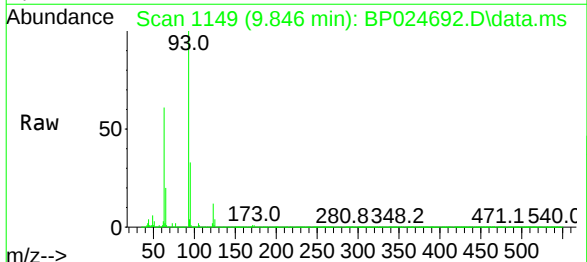
Instrument :  
BNA\_P  
ClientSampleId :  
TP-24MSD

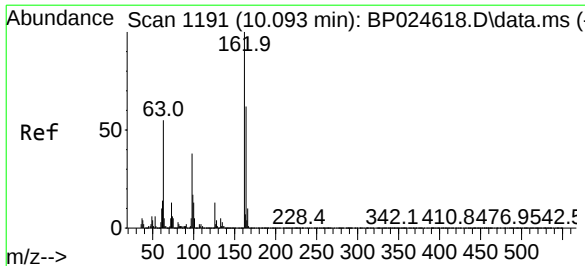
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 122   | Resp: | 466977 |
| Ion      | Ratio | Lower | Upper  |
| 122      | 100   |       |        |
| 107      | 120.9 | 96.2  | 144.2  |
| 121      | 60.1  | 47.6  | 71.4   |



#28  
bis(2-Chloroethoxy)methane  
Concen: 38.929 ng  
RT: 9.846 min Scan# 1149  
Delta R.T. -0.006 min  
Lab File: BP024692.D  
Acq: 19 May 2025 16:57

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 598373 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 95       | 32.9  | 25.5  | 38.3   |
| 123      | 12.2  | 9.7   | 14.5   |





#29

2,4-Dichlorophenol

Concen: 43.217 ng

RT: 10.099 min Scan# 11

Delta R.T. 0.006 min

Lab File: BP024692.D

Acq: 19 May 2025 16:57

Instrument :

BNA\_P

ClientSampleId :

TP-24MSD

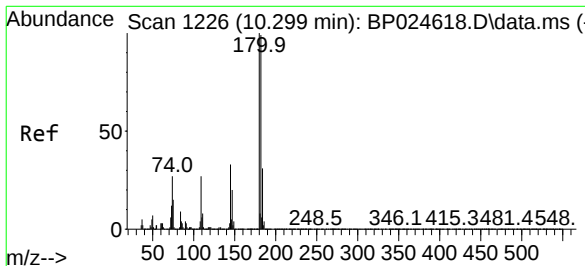
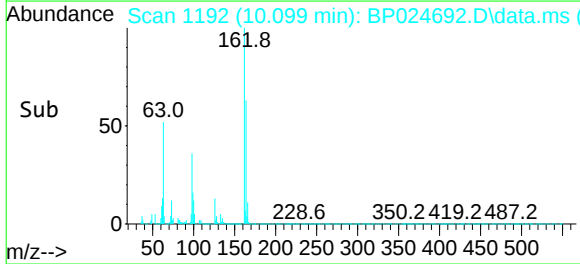
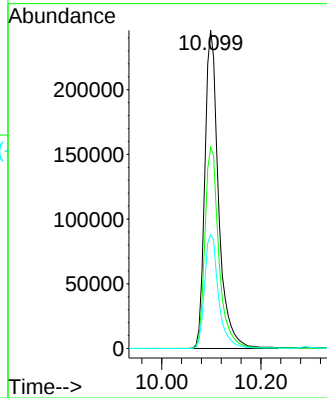
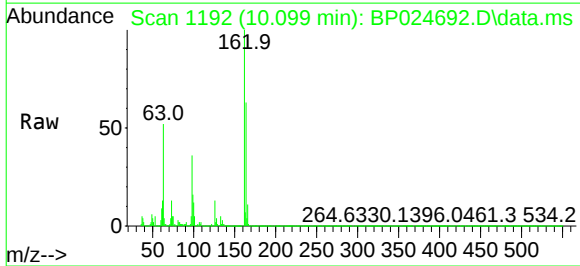
Tgt Ion:162 Resp: 472255

Ion Ratio Lower Upper

162 100

164 63.2 42.3 82.3

98 35.8 18.4 58.4



#30

1,2,4-Trichlorobenzene

Concen: 42.179 ng

RT: 10.293 min Scan# 1225

Delta R.T. -0.006 min

Lab File: BP024692.D

Acq: 19 May 2025 16:57

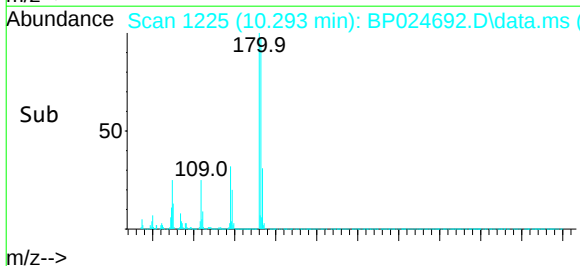
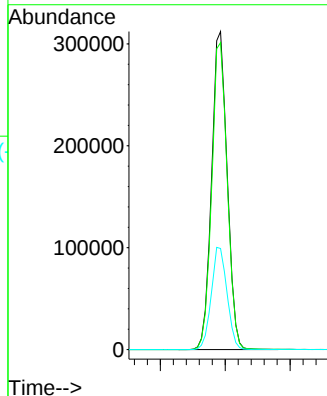
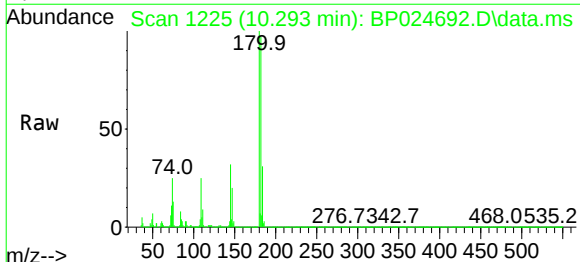
Tgt Ion:180 Resp: 519399

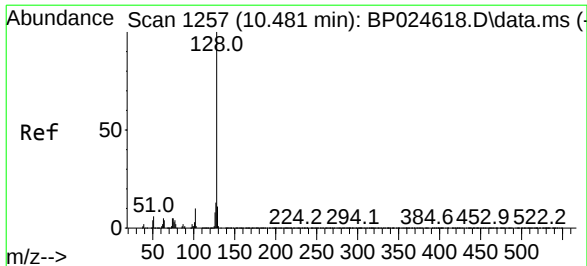
Ion Ratio Lower Upper

180 100

182 96.5 79.0 118.4

145 31.8 26.6 39.8

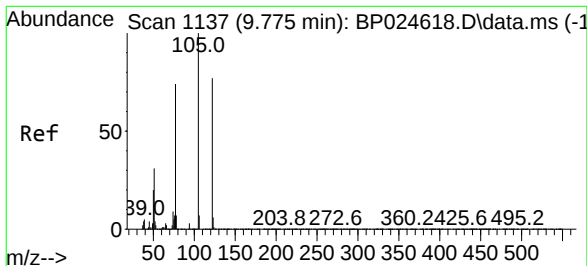
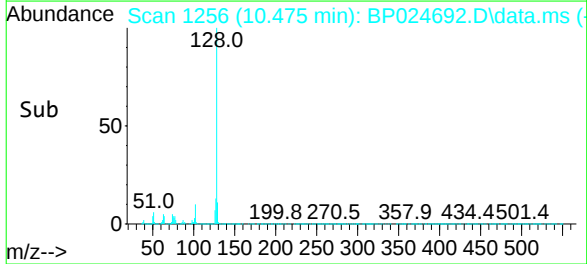
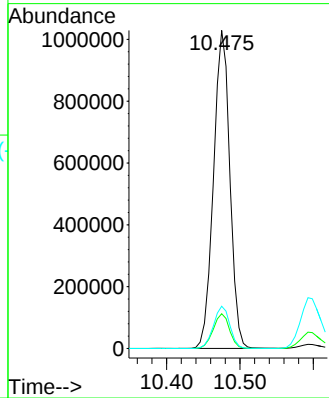
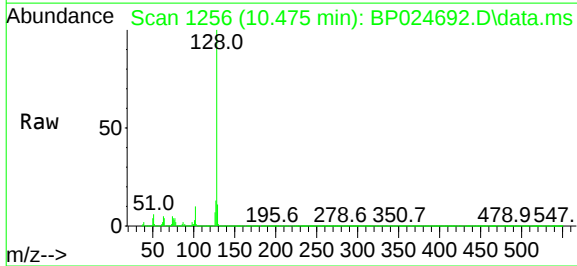




#31  
Naphthalene  
Concen: 40.948 ng  
RT: 10.475 min Scan# 1256  
Delta R.T. -0.006 min  
Lab File: BP024692.D  
Acq: 19 May 2025 16:57

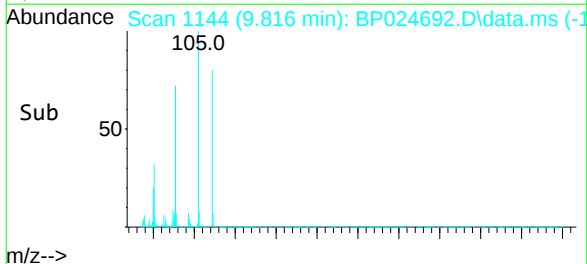
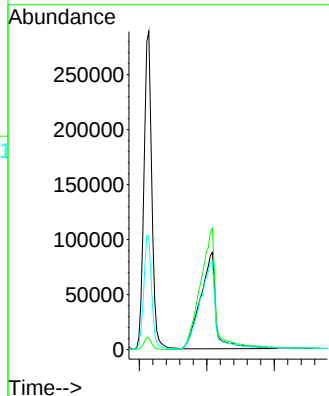
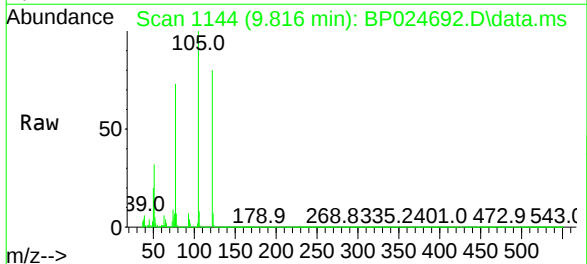
Instrument :  
BNA\_P  
ClientSampleId :  
TP-24MSD

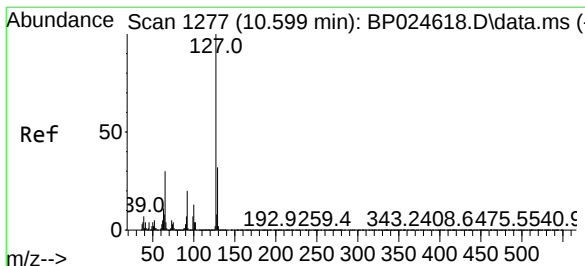
Tgt Ion:128 Resp: 1590199  
Ion Ratio Lower Upper  
128 100  
129 10.9 8.8 13.2  
127 13.3 10.7 16.1



#32  
Benzoic acid  
Concen: 37.875 ng  
RT: 9.816 min Scan# 1144  
Delta R.T. 0.041 min  
Lab File: BP024692.D  
Acq: 19 May 2025 16:57

Tgt Ion:122 Resp: 282685  
Ion Ratio Lower Upper  
122 100  
105 124.7 106.9 146.9  
77 90.4 75.1 115.1





#33

4-Chloroaniline

Concen: 21.769 ng

RT: 10.593 min Scan# 1277

Delta R.T. -0.006 min

Lab File: BP024692.D

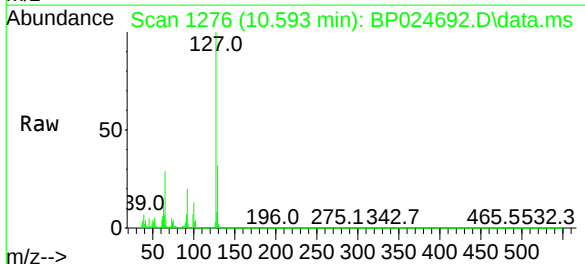
Acq: 19 May 2025 16:57

Instrument :

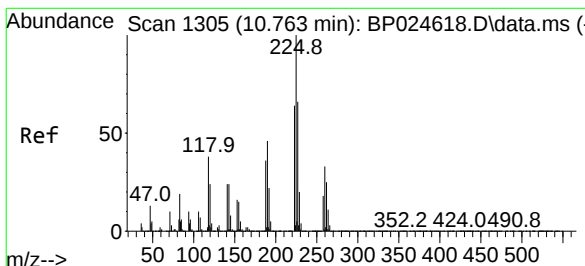
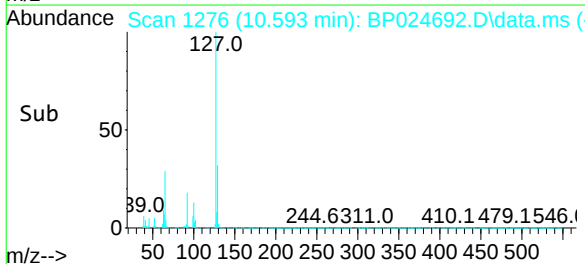
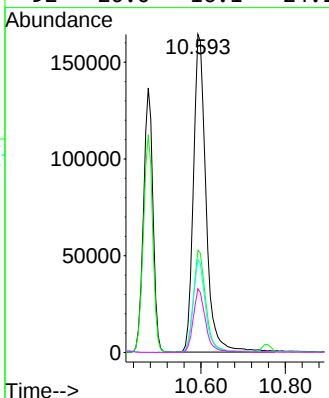
BNA\_P

ClientSampleId :

TP-24MSD



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 341133 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.1  | 25.8  | 38.6   |
| 65       | 29.2  | 23.9  | 35.9   |
| 92       | 20.0  | 16.1  | 24.1   |



#34

Hexachlorobutadiene

Concen: 42.183 ng

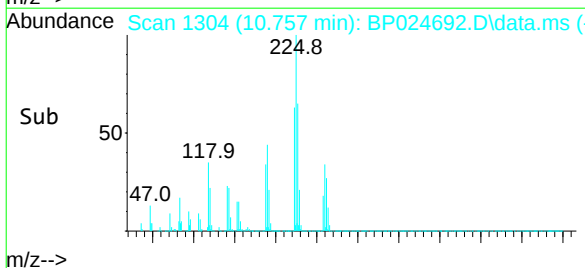
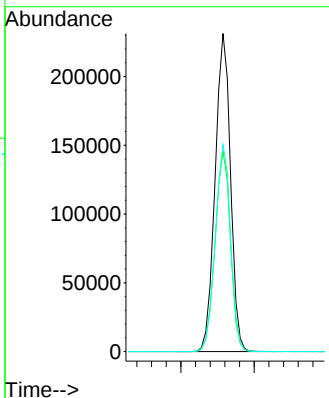
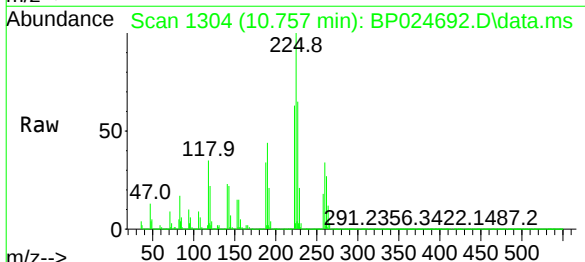
RT: 10.757 min Scan# 1304

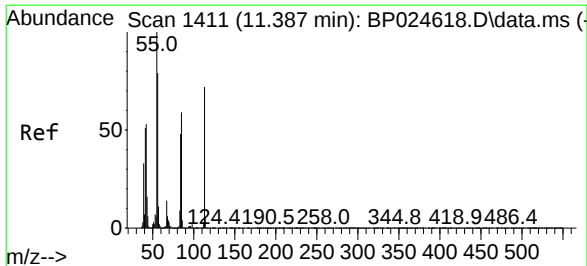
Delta R.T. -0.006 min

Lab File: BP024692.D

Acq: 19 May 2025 16:57

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 336503 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.9  | 51.0  | 76.6   |
| 227      | 65.1  | 53.1  | 79.7   |





#35

Caprolactam

Concen: 33.657 ng

RT: 11.393 min Scan# 1411

Delta R.T. 0.006 min

Lab File: BP024692.D

Acq: 19 May 2025 16:57

Instrument :

BNA\_P

ClientSampleId :

TP-24MSD

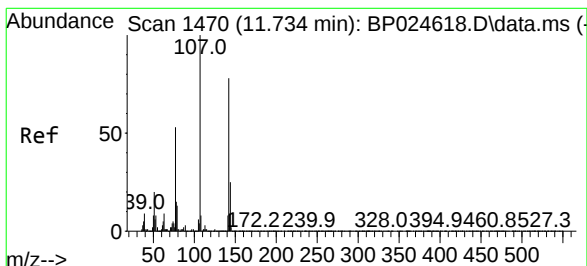
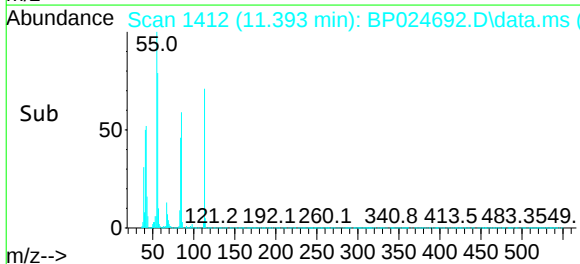
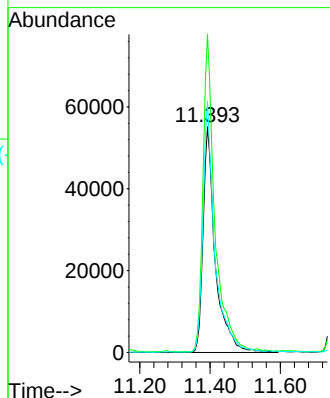
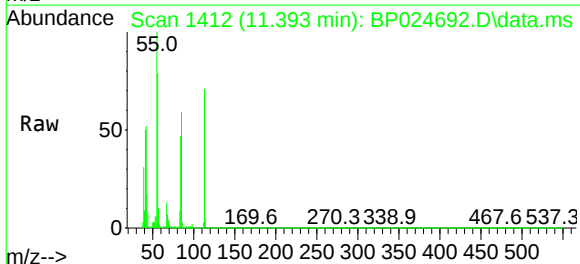
Tgt Ion:113 Resp: 133067

Ion Ratio Lower Upper

113 100

55 140.9 119.0 159.0

56 111.3 90.3 130.3



#36

4-Chloro-3-methylphenol

Concen: 37.975 ng

RT: 11.746 min Scan# 1472

Delta R.T. 0.012 min

Lab File: BP024692.D

Acq: 19 May 2025 16:57

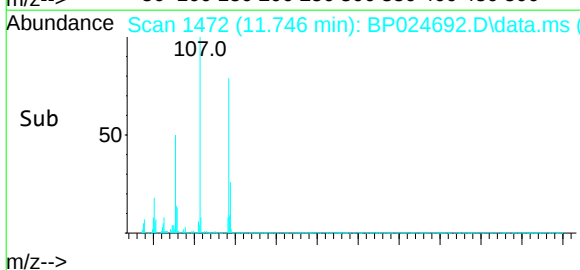
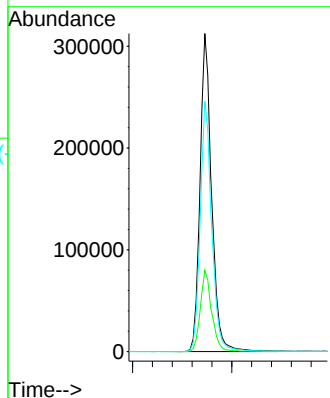
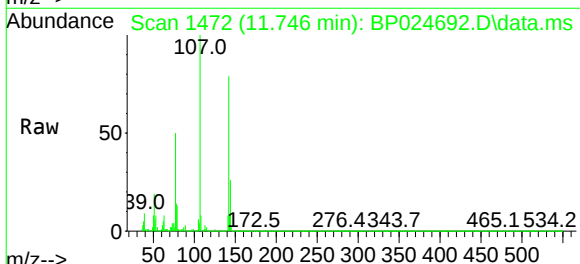
Tgt Ion:107 Resp: 506053

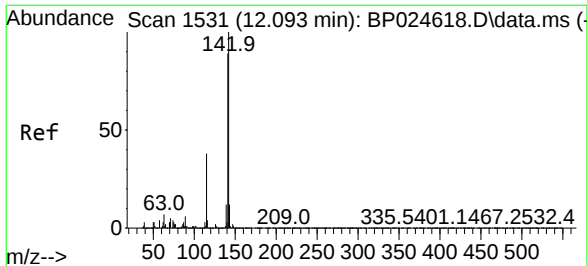
Ion Ratio Lower Upper

107 100

144 25.6 20.1 30.1

142 78.7 62.1 93.1





#37

2-Methylnaphthalene

Concen: 38.858 ng

RT: 12.087 min Scan# 1531

Delta R.T. -0.006 min

Lab File: BP024692.D

Acq: 19 May 2025 16:57

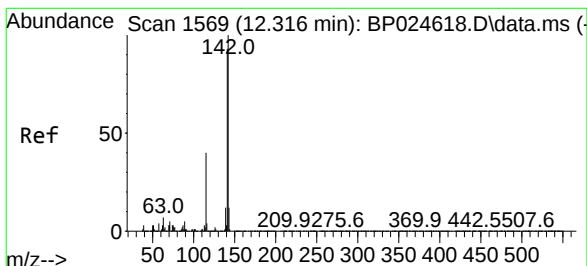
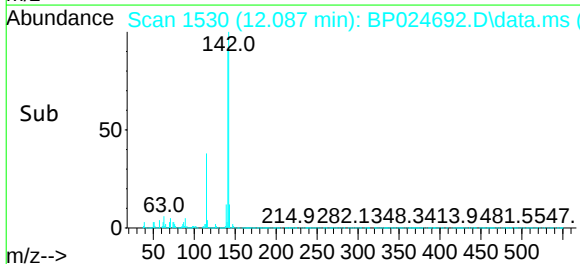
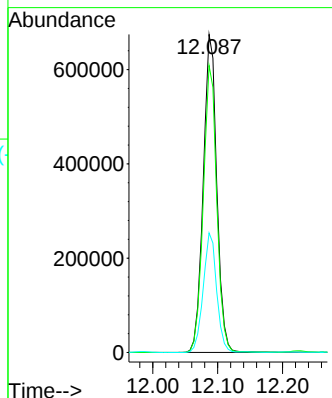
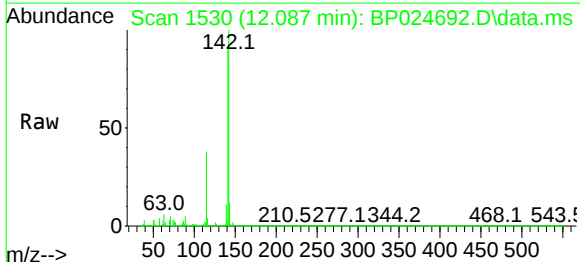
Instrument :

BNA\_P

ClientSampleId :

TP-24MSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 142   | Resp: | 977131 |
| Ion      | Ratio | Lower | Upper  |
| 142      | 100   |       |        |
| 141      | 90.2  | 71.2  | 106.8  |
| 115      | 37.6  | 30.6  | 46.0   |



#38

1-Methylnaphthalene

Concen: 37.947 ng

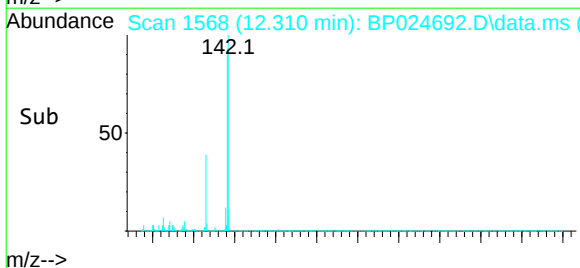
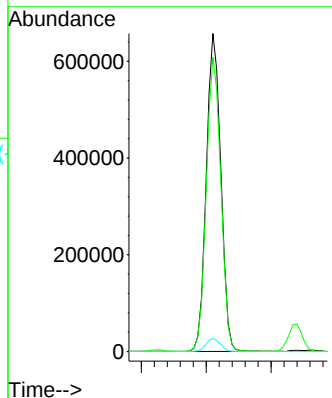
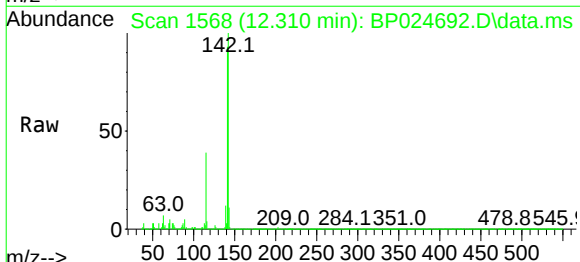
RT: 12.310 min Scan# 1568

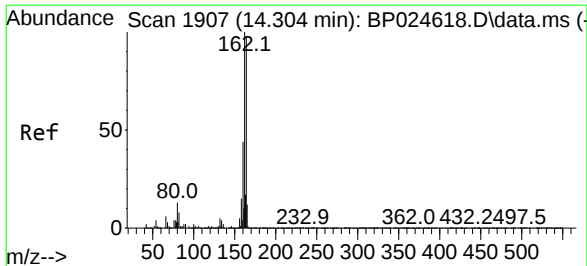
Delta R.T. -0.006 min

Lab File: BP024692.D

Acq: 19 May 2025 16:57

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 142   | Resp: | 1020992 |
| Ion      | Ratio | Lower | Upper   |
| 142      | 100   |       |         |
| 141      | 92.5  | 74.7  | 112.1   |
| 116      | 4.2   | 3.4   | 5.2     |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.287 min Scan# 19

Delta R.T. -0.018 min

Lab File: BP024692.D

Acq: 19 May 2025 16:57

Instrument :

BNA\_P

ClientSampleId :

TP-24MSD

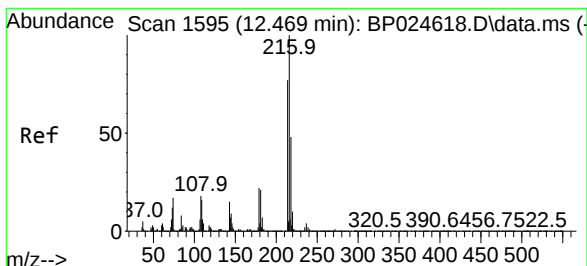
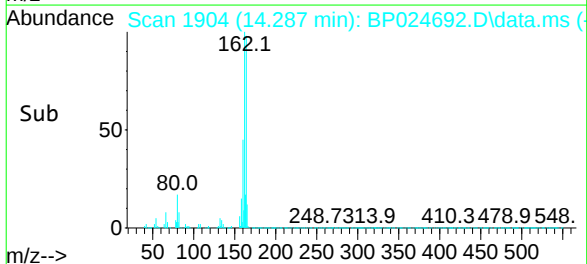
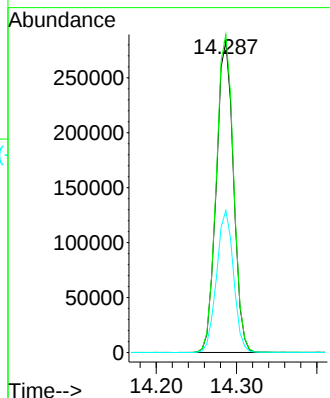
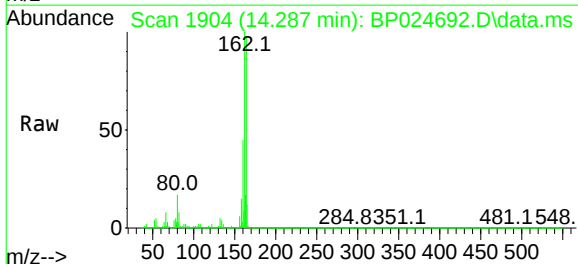
Tgt Ion:164 Resp: 420201

Ion Ratio Lower Upper

164 100

162 102.3 81.8 122.6

160 45.7 36.3 54.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.682 ng

RT: 12.463 min Scan# 1594

Delta R.T. -0.006 min

Lab File: BP024692.D

Acq: 19 May 2025 16:57

Tgt Ion:216 Resp: 557424

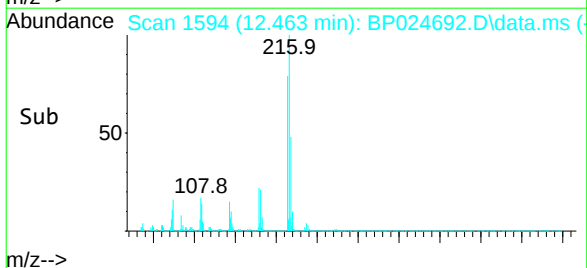
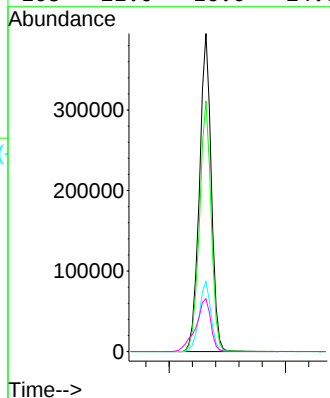
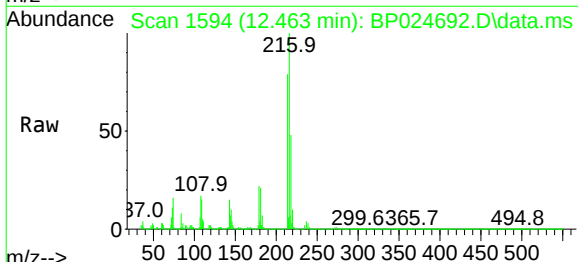
Ion Ratio Lower Upper

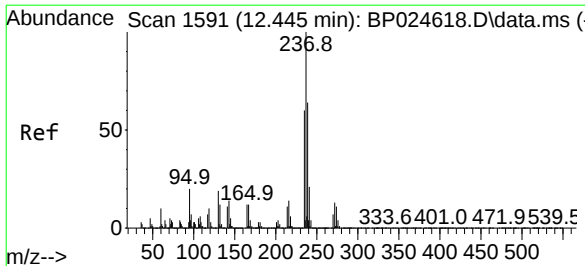
216 100

214 78.1 62.3 93.5

179 22.0 17.7 26.5

108 21.0 16.0 24.0





#41

Hexachlorocyclopentadiene

Concen: 96.132 ng

RT: 12.440 min Scan# 1591

Delta R.T. -0.006 min

Lab File: BP024692.D

Acq: 19 May 2025 16:57

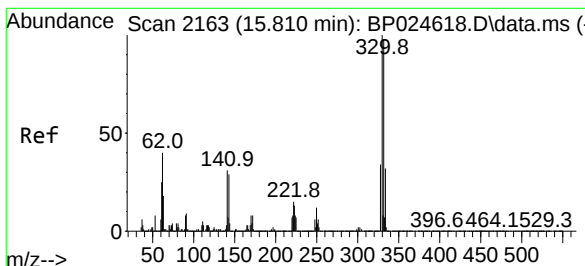
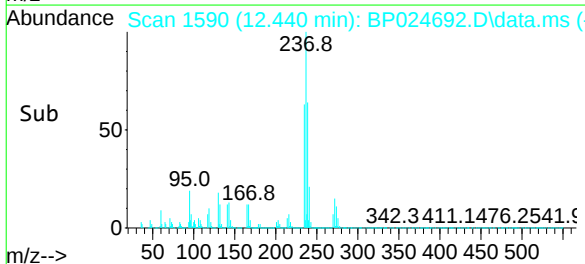
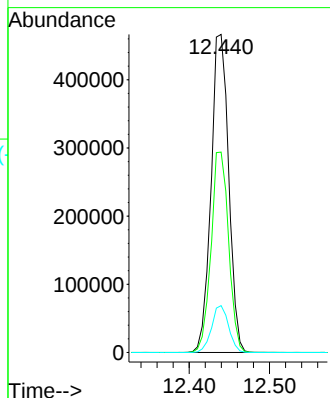
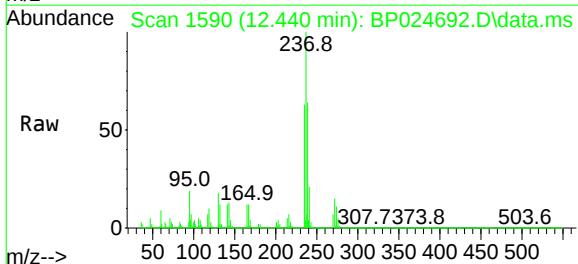
Instrument :

BNA\_P

ClientSampleId :

TP-24MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 237   | Resp: | 711281 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 63.0  | 39.9  | 79.9   |
| 272       | 14.7  | 0.0   | 33.2   |



#42

2,4,6-Tribromophenol

Concen: 92.891 ng

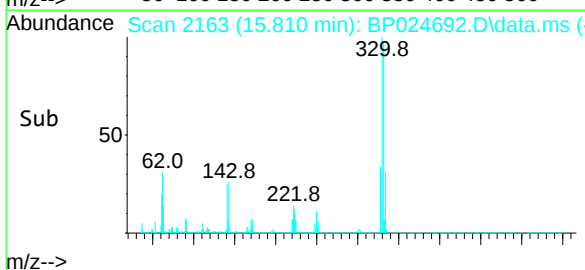
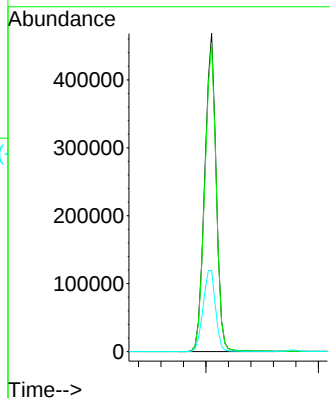
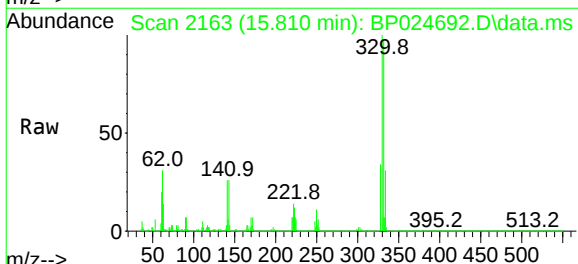
RT: 15.810 min Scan# 2163

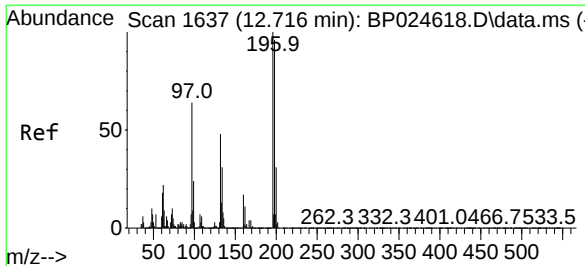
Delta R.T. 0.000 min

Lab File: BP024692.D

Acq: 19 May 2025 16:57

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 661723 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 97.4  | 78.2  | 117.4  |
| 141       | 27.7  | 24.3  | 36.5   |





#43

2,4,6-Trichlorophenol

Concen: 45.204 ng

RT: 12.716 min Scan# 1637

Delta R.T. 0.000 min

Lab File: BP024692.D

Acq: 19 May 2025 16:57

Instrument :

BNA\_P

ClientSampleId :

TP-24MSD

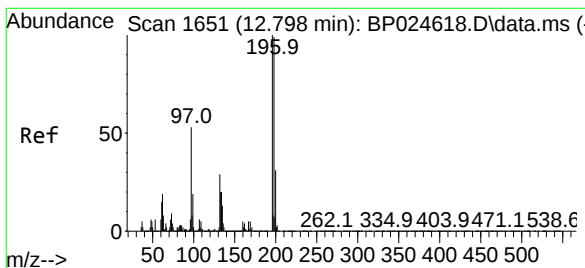
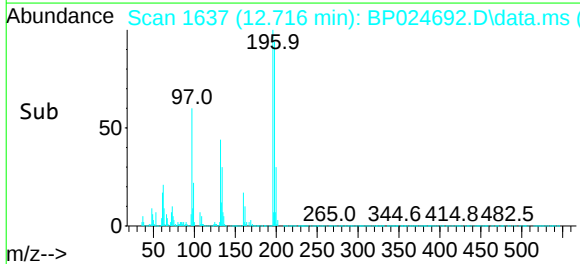
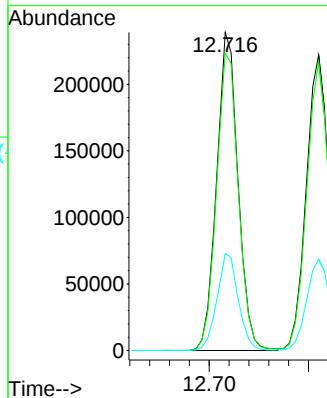
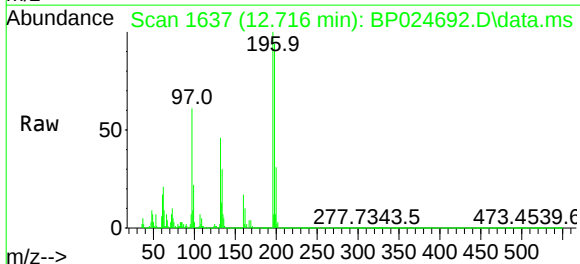
Tgt Ion:196 Resp: 357272

Ion Ratio Lower Upper

196 100

198 93.5 76.9 115.3

200 30.5 25.2 37.8



#44

2,4,5-Trichlorophenol

Concen: 44.107 ng

RT: 12.810 min Scan# 1653

Delta R.T. 0.012 min

Lab File: BP024692.D

Acq: 19 May 2025 16:57

Tgt Ion:196 Resp: 388038

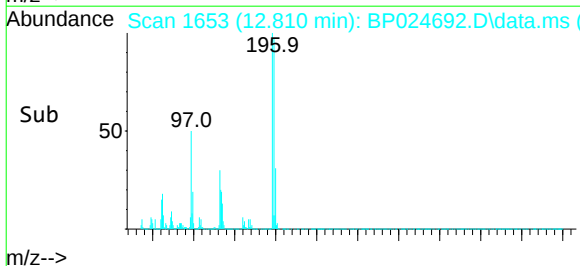
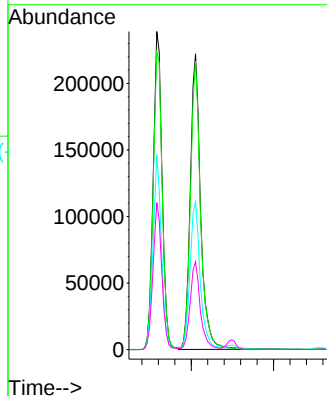
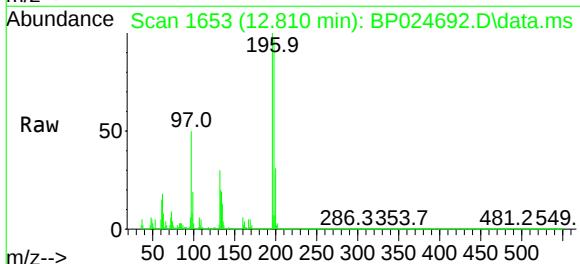
Ion Ratio Lower Upper

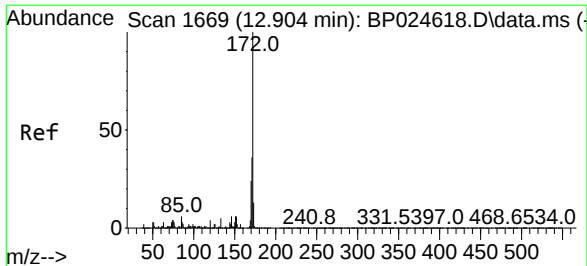
196 100

198 97.5 79.2 118.8

97 50.0 42.3 63.5

132 29.7 23.3 34.9

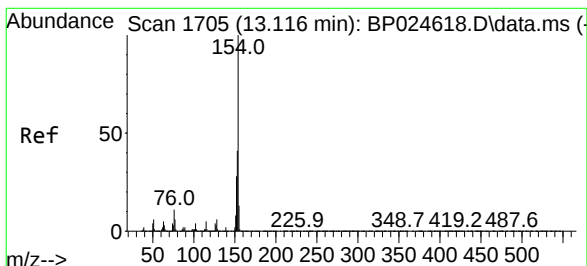
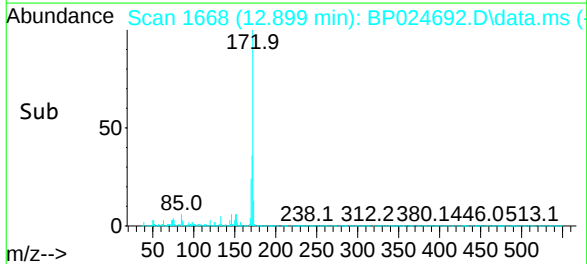
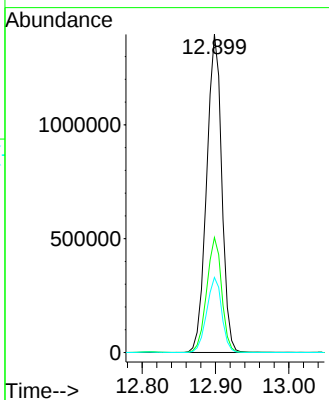
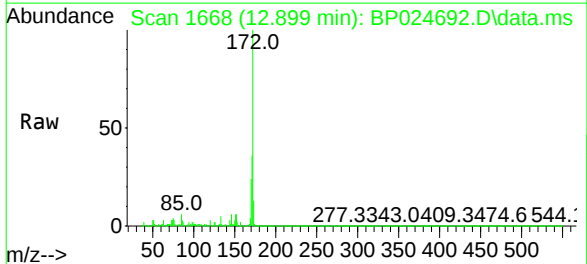




#45  
2-Fluorobiphenyl  
Concen: 62.344 ng  
RT: 12.899 min Scan# 1669  
Delta R.T. -0.006 min  
Lab File: BP024692.D  
Acq: 19 May 2025 16:57

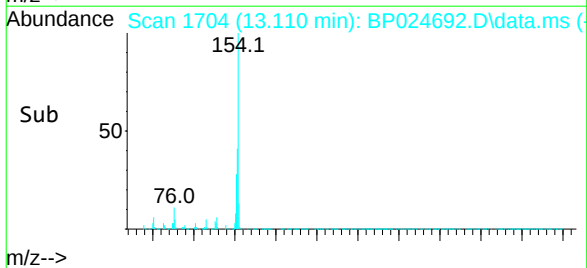
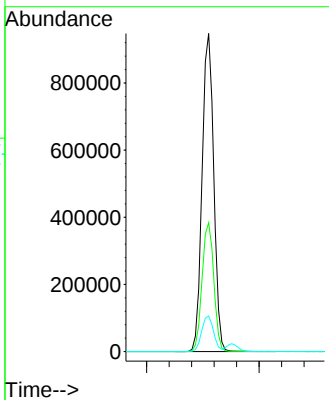
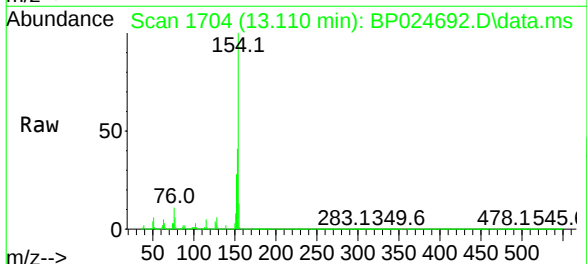
Instrument :  
BNA\_P  
ClientSampleId :  
TP-24MSD

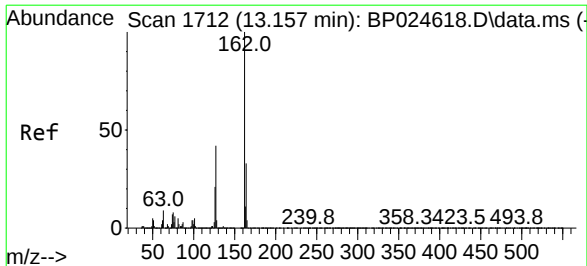
Tgt Ion:172 Resp: 1999584  
Ion Ratio Lower Upper  
172 100  
171 36.1 28.8 43.2  
170 23.6 18.8 28.2



#46  
1,1'-Biphenyl  
Concen: 43.897 ng  
RT: 13.110 min Scan# 1704  
Delta R.T. -0.006 min  
Lab File: BP024692.D  
Acq: 19 May 2025 16:57

Tgt Ion:154 Resp: 1363337  
Ion Ratio Lower Upper  
154 100  
153 40.5 21.0 61.0  
76 11.2 0.0 31.5





#47

2-Chloronaphthalene

Concen: 43.540 ng

RT: 13.151 min Scan# 1712

Delta R.T. -0.006 min

Lab File: BP024692.D

Acq: 19 May 2025 16:57

Instrument :

BNA\_P

ClientSampleId :

TP-24MSD

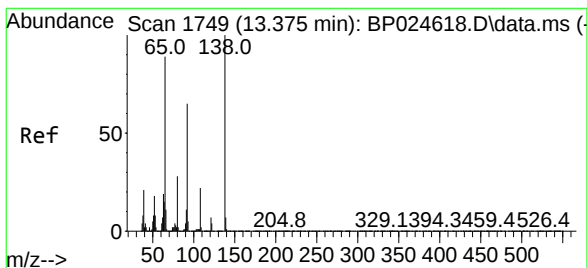
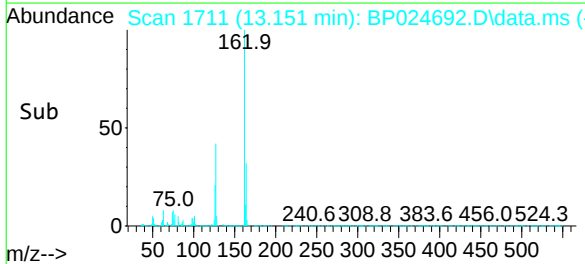
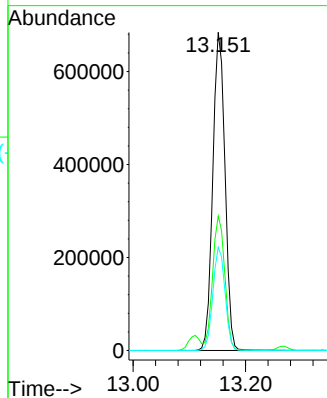
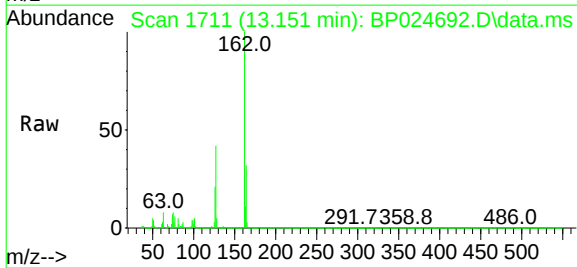
Tgt Ion:162 Resp: 1031049

Ion Ratio Lower Upper

162 100

127 42.3 33.8 50.6

164 32.4 26.0 39.0



#48

2-Nitroaniline

Concen: 39.978 ng

RT: 13.369 min Scan# 1748

Delta R.T. -0.006 min

Lab File: BP024692.D

Acq: 19 May 2025 16:57

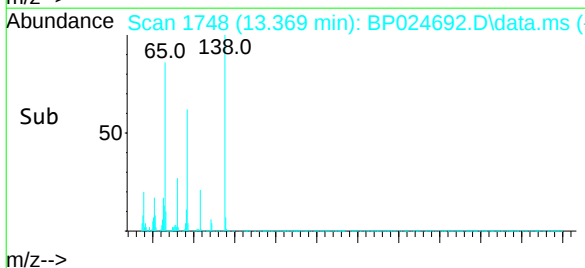
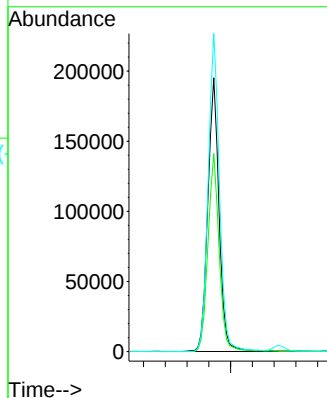
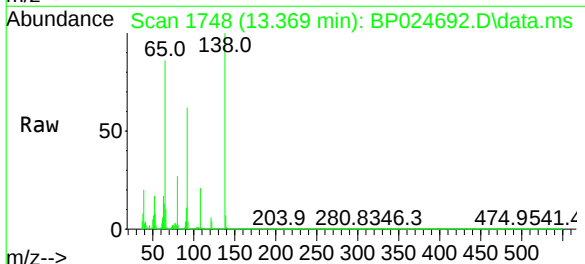
Tgt Ion: 65 Resp: 280282

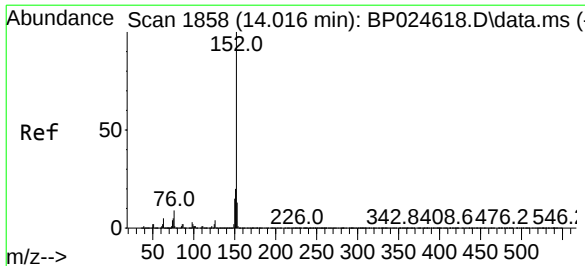
Ion Ratio Lower Upper

65 100

92 72.3 58.7 88.1

138 116.2 90.2 135.2





#49

Acenaphthylene

Concen: 41.494 ng

RT: 14.004 min Scan# 18

Delta R.T. -0.012 min

Lab File: BP024692.D

Acq: 19 May 2025 16:57

Instrument :

BNA\_P

ClientSampleId :

TP-24MSD

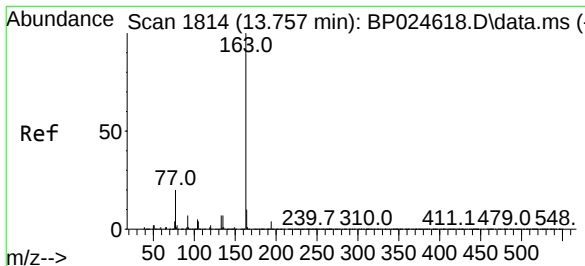
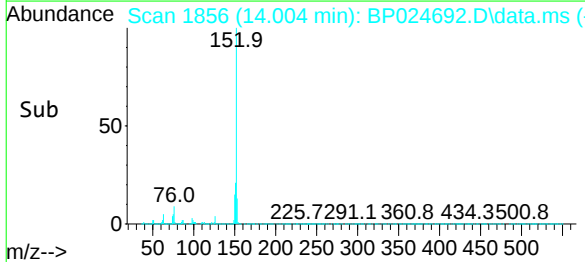
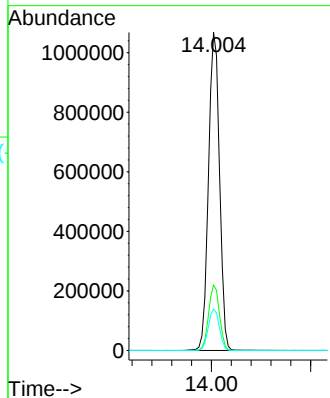
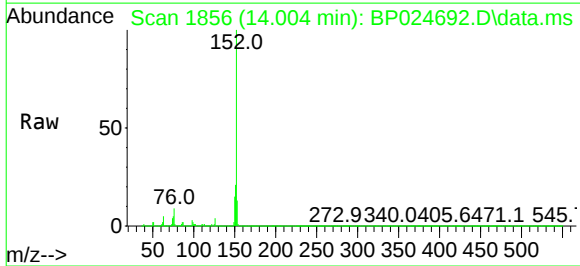
Tgt Ion:152 Resp: 1644347

Ion Ratio Lower Upper

152 100

151 20.6 16.2 24.4

153 13.1 10.2 15.4



#50

Dimethylphthalate

Concen: 38.305 ng

RT: 13.746 min Scan# 1812

Delta R.T. -0.012 min

Lab File: BP024692.D

Acq: 19 May 2025 16:57

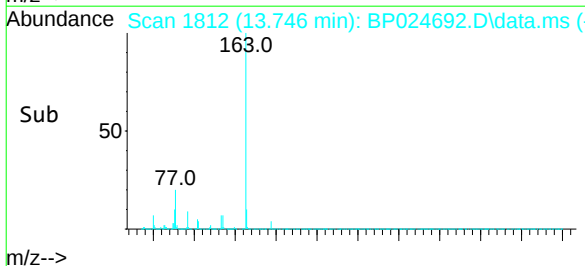
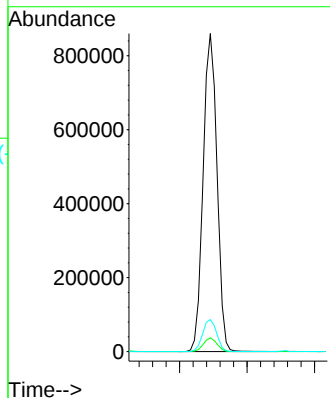
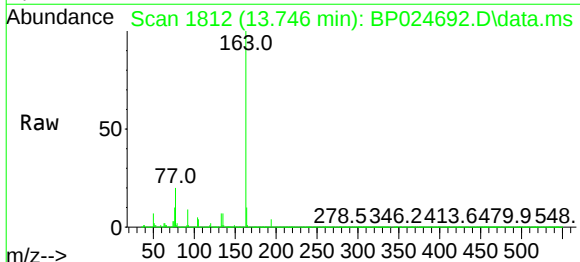
Tgt Ion:163 Resp: 1226815

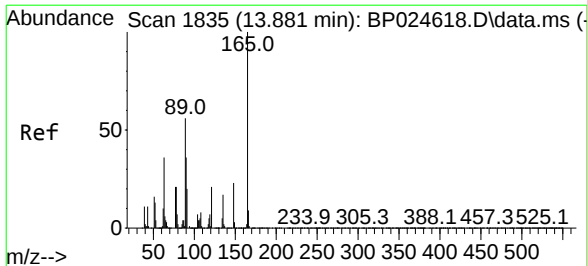
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

164 10.1 8.1 12.1

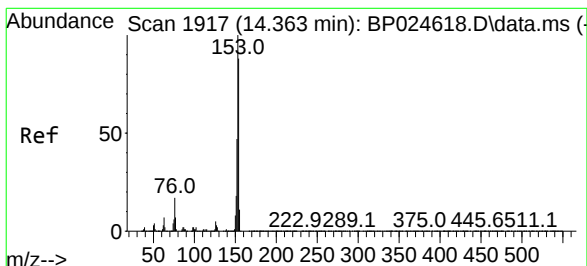
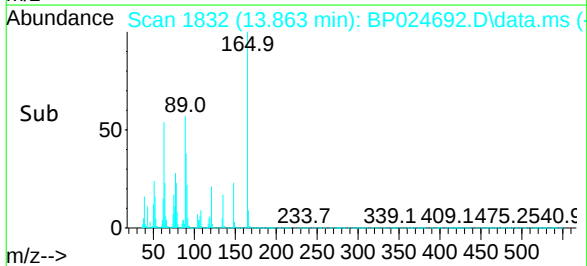
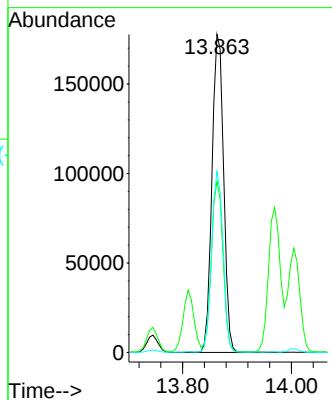
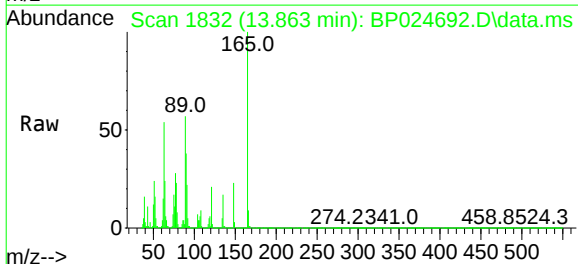




#51  
2,6-Dinitrotoluene  
Concen: 39.070 ng  
RT: 13.863 min Scan# 1835  
Delta R.T. -0.018 min  
Lab File: BP024692.D  
Acq: 19 May 2025 16:57

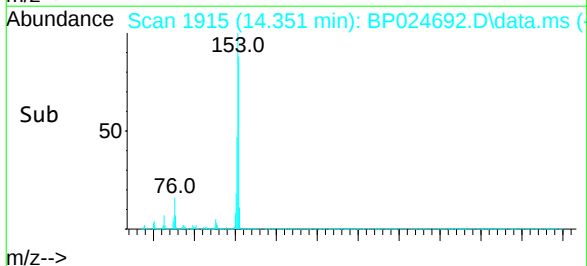
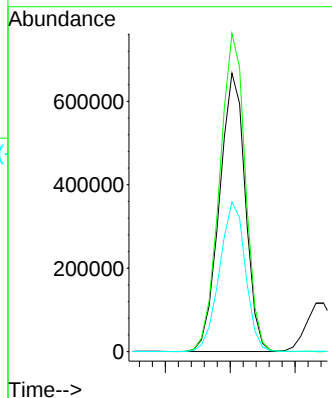
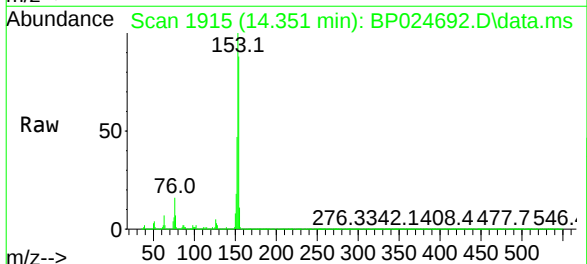
Instrument :  
BNA\_P  
ClientSampleId :  
TP-24MSD

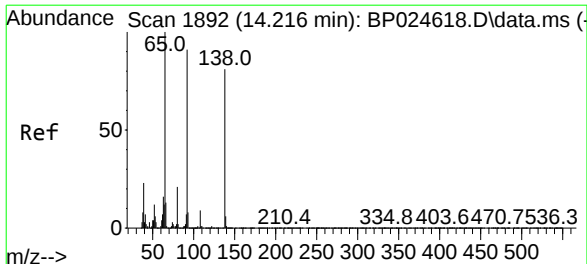
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 165   | Resp: | 264271 |
| Ion      | Ratio | Lower | Upper  |
| 165      | 100   |       |        |
| 63       | 53.7  | 42.4  | 63.6   |
| 89       | 56.9  | 44.8  | 67.2   |



#52  
Acenaphthene  
Concen: 40.572 ng  
RT: 14.351 min Scan# 1915  
Delta R.T. -0.012 min  
Lab File: BP024692.D  
Acq: 19 May 2025 16:57

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 154   | Resp: | 924318 |
| Ion      | Ratio | Lower | Upper  |
| 154      | 100   |       |        |
| 153      | 114.3 | 91.0  | 136.4  |
| 152      | 53.8  | 42.9  | 64.3   |

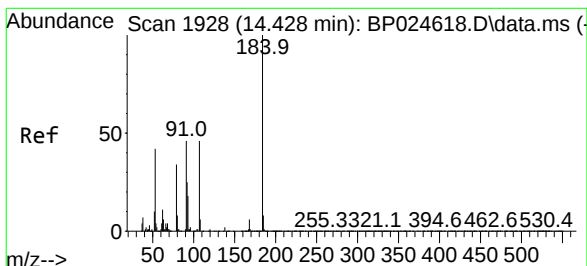
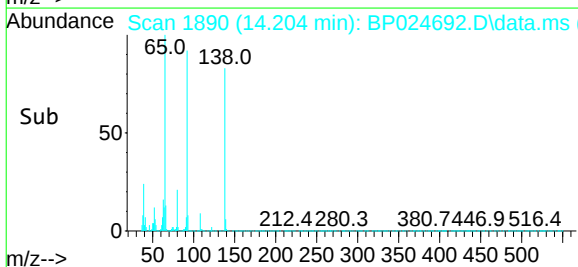
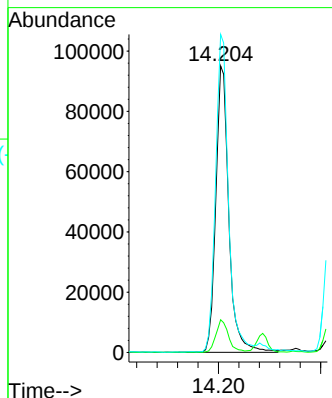
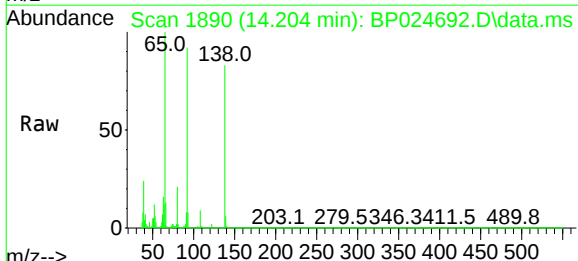




#53  
3-Nitroaniline  
Concen: 24.299 ng  
RT: 14.204 min Scan# 1892  
Delta R.T. -0.012 min  
Lab File: BP024692.D  
Acq: 19 May 2025 16:57

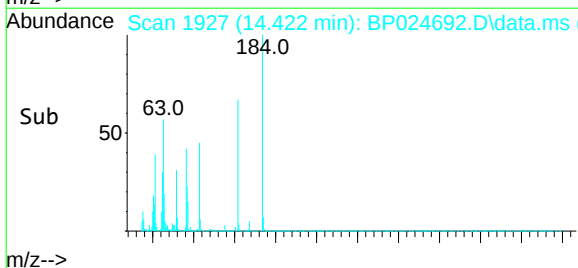
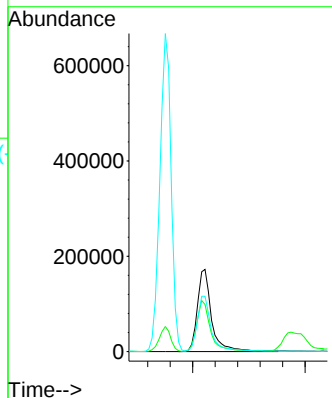
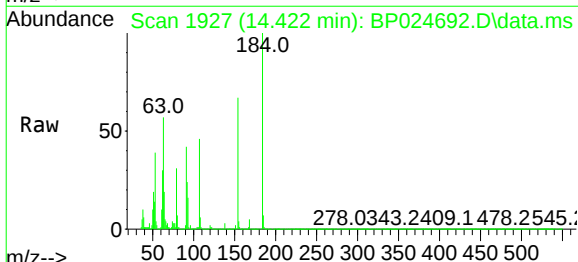
Instrument :  
BNA\_P  
ClientSampleId :  
TP-24MSD

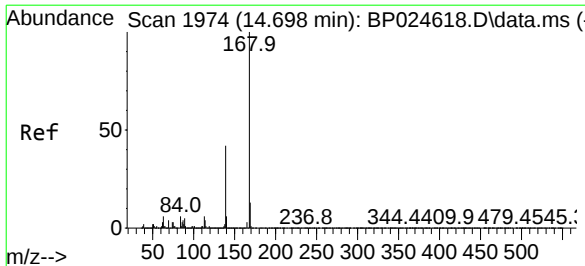
Tgt Ion:138 Resp: 167821  
Ion Ratio Lower Upper  
138 100  
108 11.4 9.0 13.4  
92 111.0 90.1 135.1



#54  
2,4-Dinitrophenol  
Concen: 71.789 ng  
RT: 14.422 min Scan# 1927  
Delta R.T. -0.006 min  
Lab File: BP024692.D  
Acq: 19 May 2025 16:57

Tgt Ion:184 Resp: 303159  
Ion Ratio Lower Upper  
184 100  
63 57.3 51.3 76.9  
154 67.4 53.5 80.3





#55

Dibenzenofuran

Concen: 39.172 ng

RT: 14.693 min Scan# 19

Delta R.T. -0.006 min

Lab File: BP024692.D

Acq: 19 May 2025 16:57

Instrument :

BNA\_P

ClientSampleId :

TP-24MSD

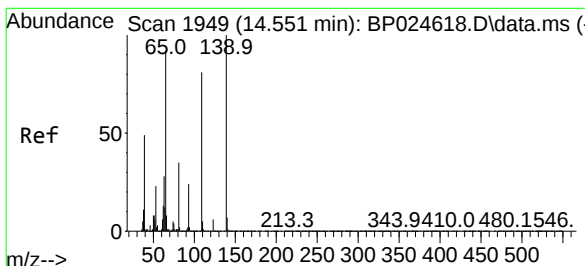
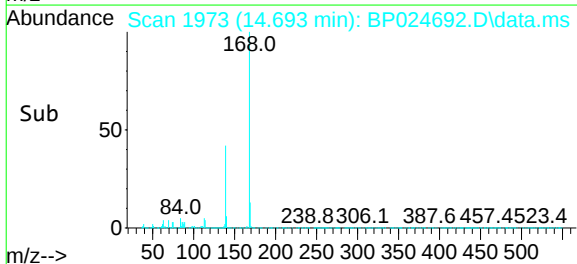
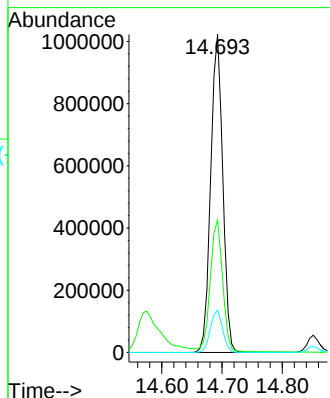
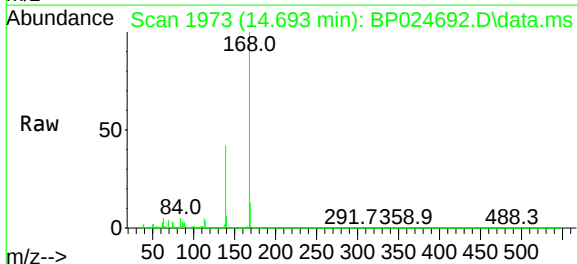
Tgt Ion:168 Resp: 1423464

Ion Ratio Lower Upper

168 100

139 41.6 34.2 51.4

169 13.3 10.8 16.2



#56

4-Nitrophenol

Concen: 60.409 ng

RT: 14.575 min Scan# 1953

Delta R.T. 0.024 min

Lab File: BP024692.D

Acq: 19 May 2025 16:57

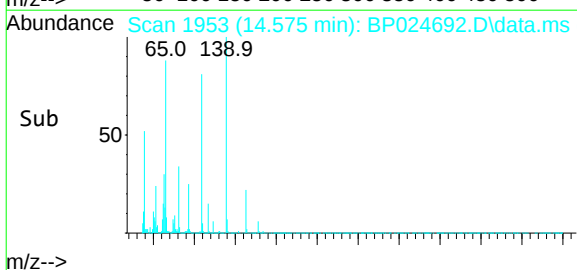
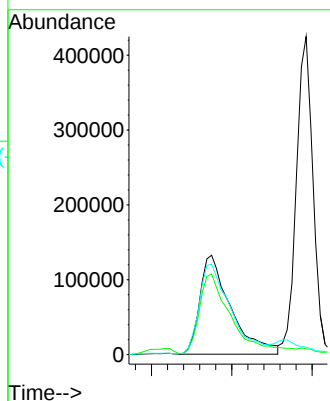
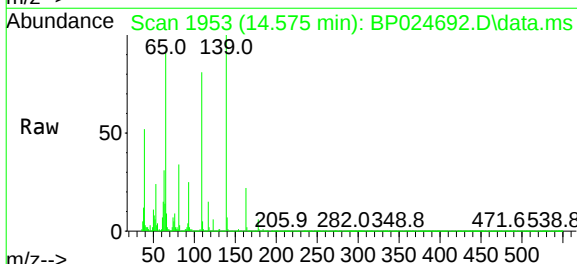
Tgt Ion:139 Resp: 354661

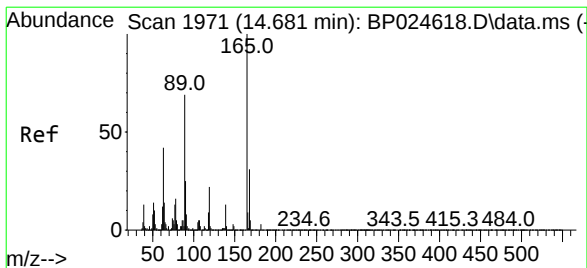
Ion Ratio Lower Upper

139 100

109 81.0 61.4 101.4

65 90.8 72.2 112.2

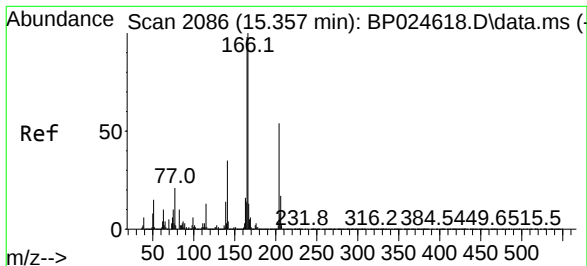
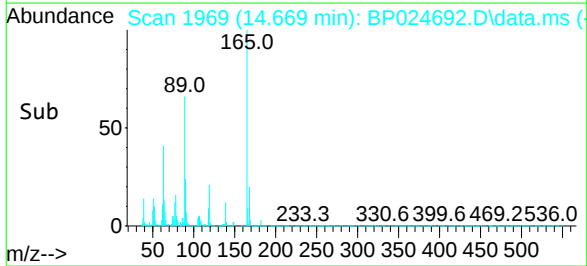
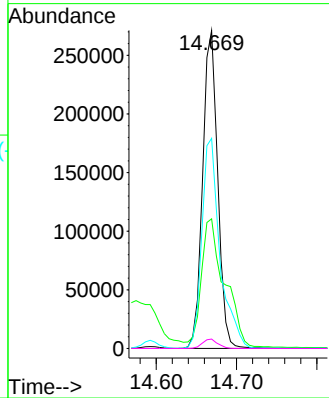
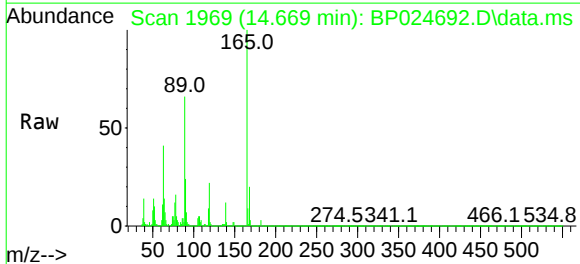




#57  
2,4-Dinitrotoluene  
Concen: 37.006 ng  
RT: 14.669 min Scan# 1971  
Delta R.T. -0.012 min  
Lab File: BP024692.D  
Acq: 19 May 2025 16:57

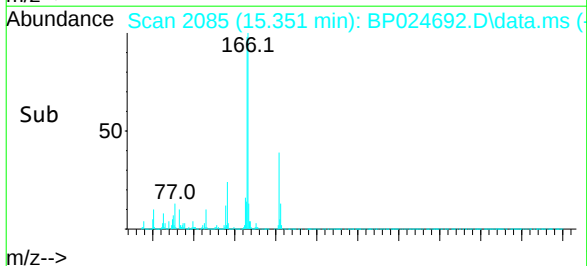
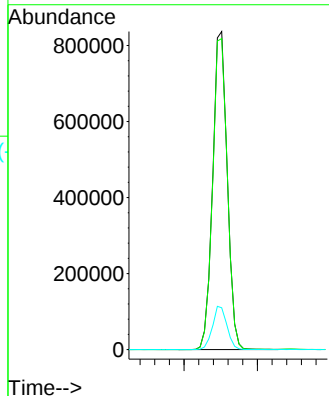
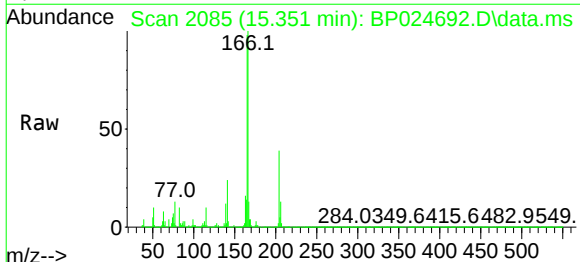
Instrument :  
BNA\_P  
ClientSampleId :  
TP-24MSD

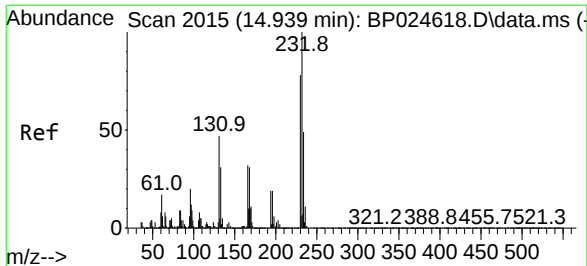
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 165   | Resp: | 352898 |
| Ion      | Ratio | Lower | Upper  |
| 165      | 100   |       |        |
| 63       | 40.8  | 33.8  | 50.6   |
| 89       | 66.1  | 55.6  | 83.4   |
| 182      | 3.0   | 2.4   | 3.6    |



#58  
Fluorene  
Concen: 38.869 ng  
RT: 15.351 min Scan# 2085  
Delta R.T. -0.006 min  
Lab File: BP024692.D  
Acq: 19 May 2025 16:57

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 166   | Resp: | 1151688 |
| Ion      | Ratio | Lower | Upper   |
| 166      | 100   |       |         |
| 165      | 97.8  | 78.5  | 117.7   |
| 167      | 13.2  | 10.7  | 16.1    |





#59

2,3,4,6-Tetrachlorophenol

Concen: 38.372 ng

RT: 14.940 min Scan# 2015

Delta R.T. 0.000 min

Lab File: BP024692.D

Acq: 19 May 2025 16:57

Instrument :

BNA\_P

ClientSampleId :

TP-24MSD

Tgt Ion:232 Resp: 313160

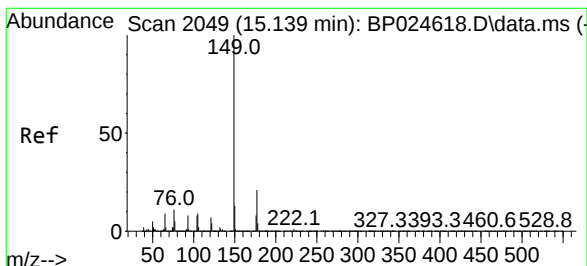
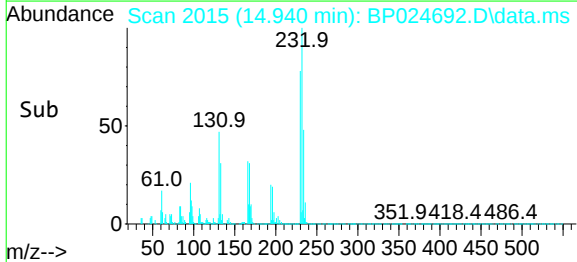
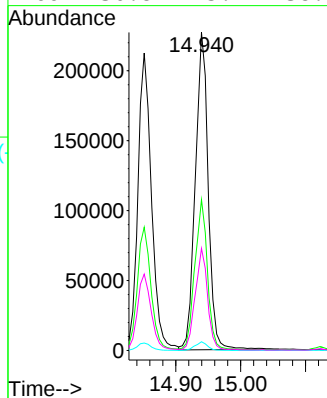
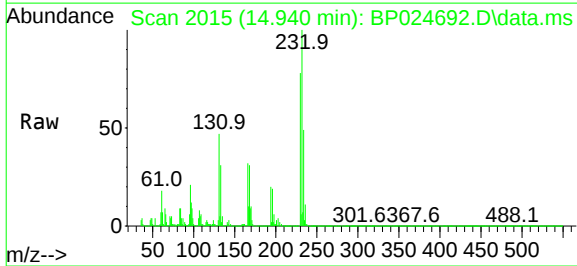
Ion Ratio Lower Upper

232 100

131 46.3 39.5 59.3

130 2.6 2.2 3.4

166 30.8 25.7 38.5



#60

Diethylphthalate

Concen: 36.620 ng

RT: 15.122 min Scan# 2046

Delta R.T. -0.018 min

Lab File: BP024692.D

Acq: 19 May 2025 16:57

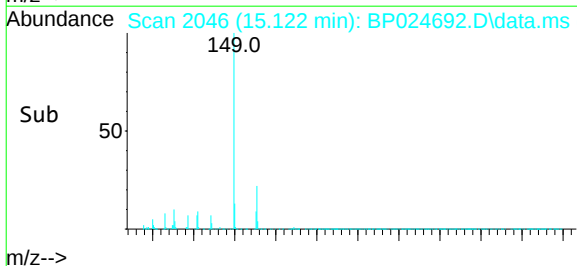
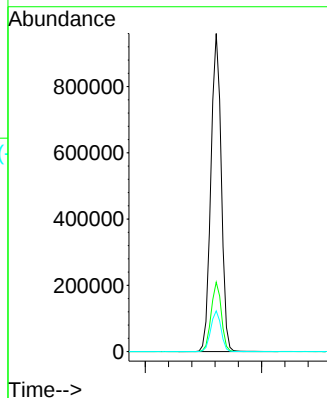
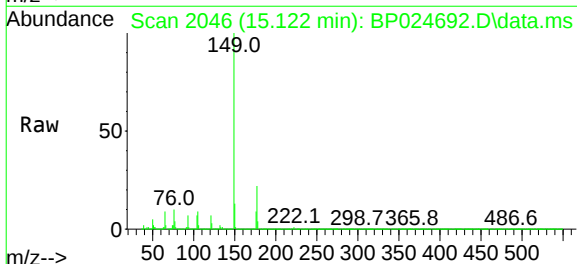
Tgt Ion:149 Resp: 1185410

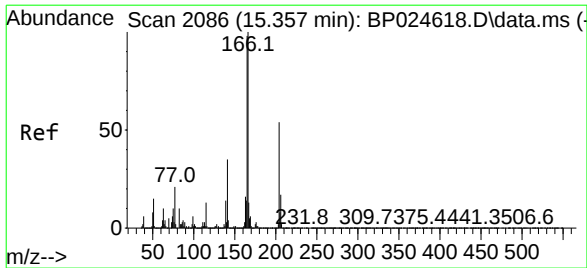
Ion Ratio Lower Upper

149 100

177 21.8 16.7 25.1

150 12.8 10.2 15.2

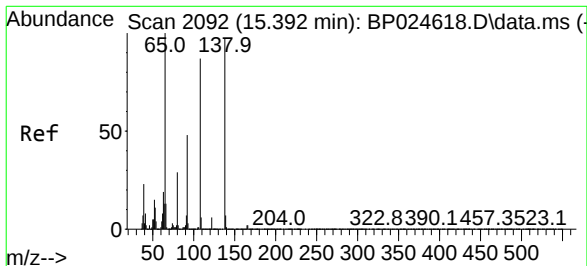
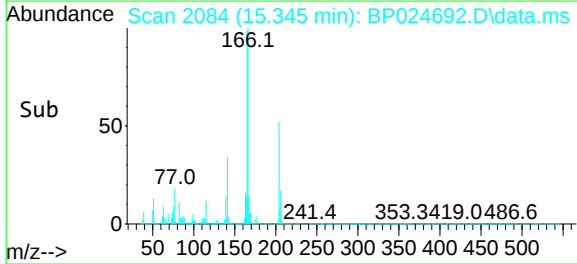
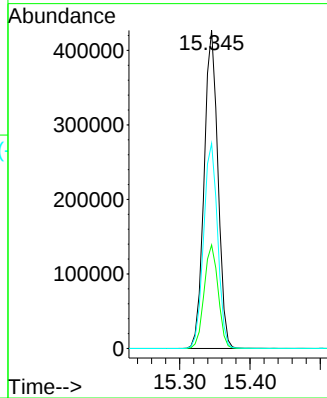
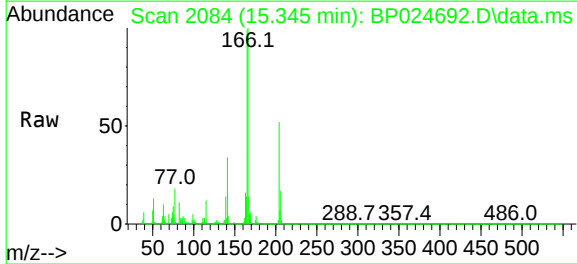




#61  
4-Chlorophenyl-phenylether  
Concen: 39.324 ng  
RT: 15.345 min Scan# 2084  
Delta R.T. -0.012 min  
Lab File: BP024692.D  
Acq: 19 May 2025 16:57

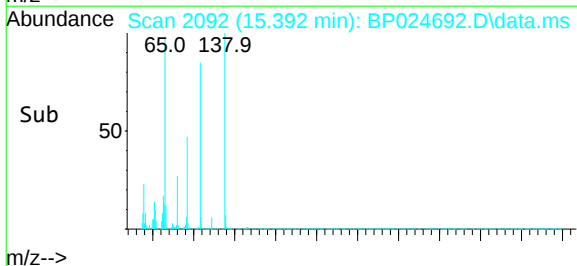
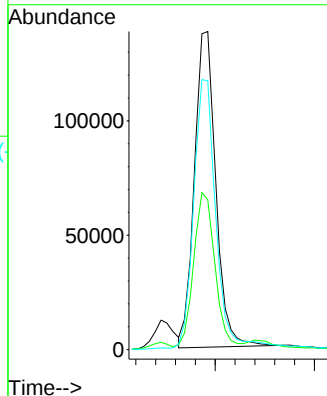
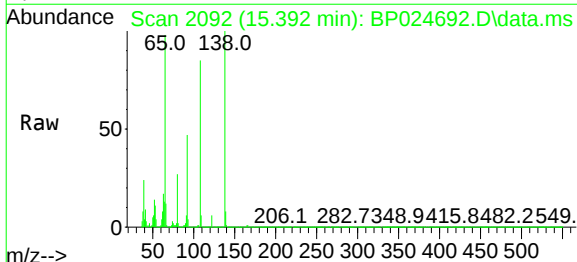
Instrument :  
BNA\_P  
ClientSampleId :  
TP-24MSD

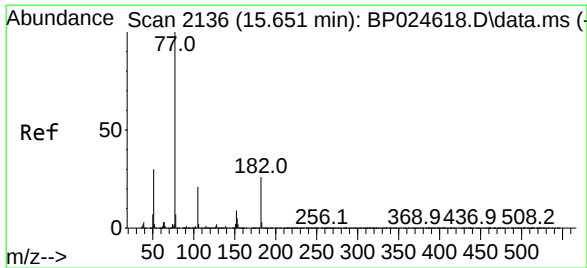
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 204   | Resp: | 581085 |
| Ion Ratio | Lower | Upper |        |
| 204       | 100   |       |        |
| 206       | 32.5  | 26.0  | 39.0   |
| 141       | 64.5  | 52.9  | 79.3   |



#62  
4-Nitroaniline  
Concen: 31.065 ng  
RT: 15.392 min Scan# 2092  
Delta R.T. 0.000 min  
Lab File: BP024692.D  
Acq: 19 May 2025 16:57

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 138   | Resp: | 207171 |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 92        | 47.1  | 29.2  | 69.2   |
| 108       | 84.5  | 69.0  | 109.0  |





#63

Azobenzene

Concen: 37.995 ng

RT: 15.645 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024692.D

Acq: 19 May 2025 16:57

Instrument :

BNA\_P

ClientSampleId :

TP-24MSD

Tgt Ion: 77 Resp: 1052163

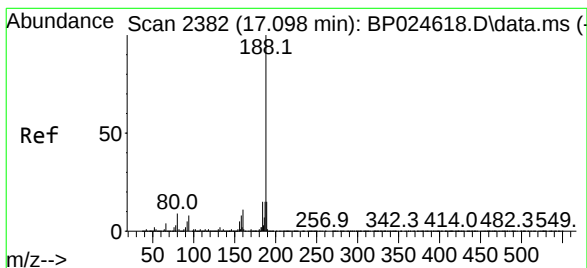
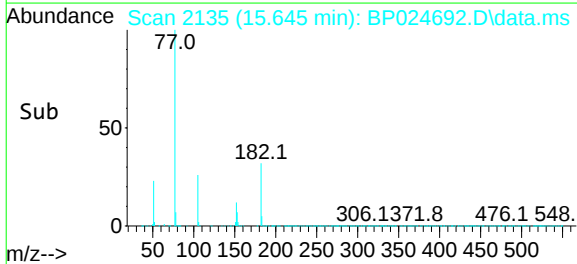
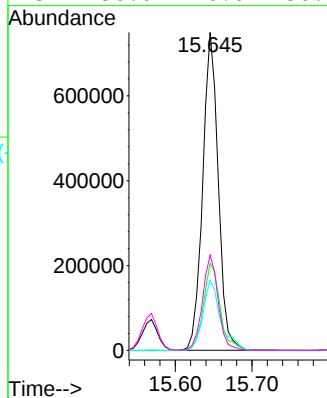
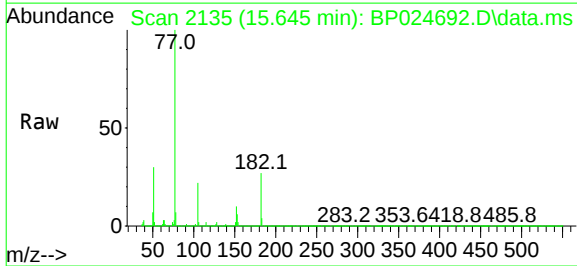
Ion Ratio Lower Upper

77 100

182 27.4 5.7 45.7

105 22.0 1.3 41.3

51 30.0 10.6 50.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.087 min Scan# 2380

Delta R.T. -0.012 min

Lab File: BP024692.D

Acq: 19 May 2025 16:57

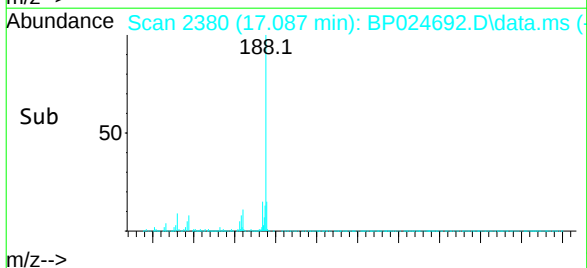
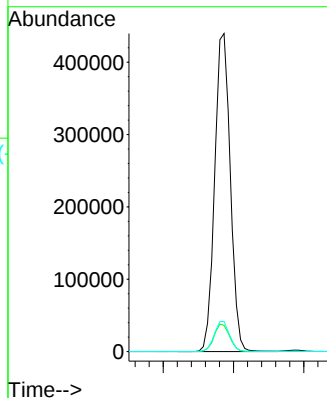
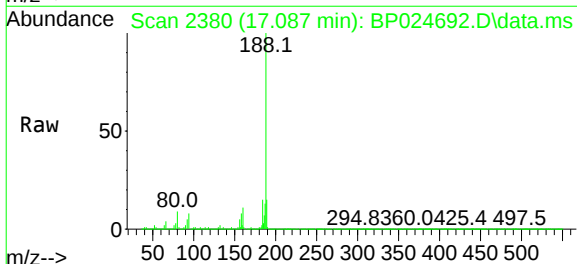
Tgt Ion: 188 Resp: 679242

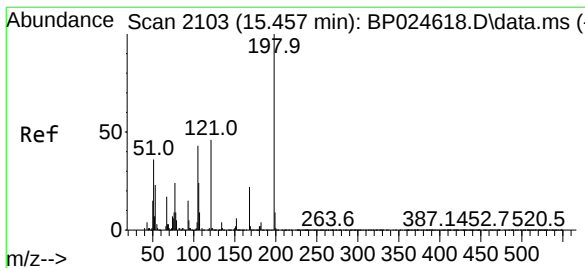
Ion Ratio Lower Upper

188 100

94 8.2 6.5 9.7

80 9.5 7.3 10.9

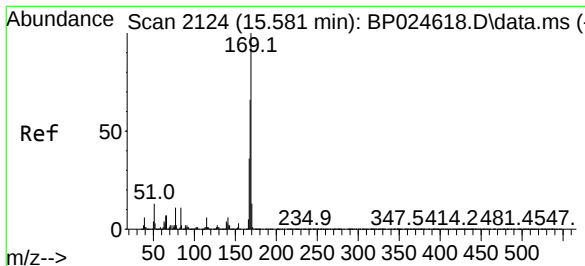
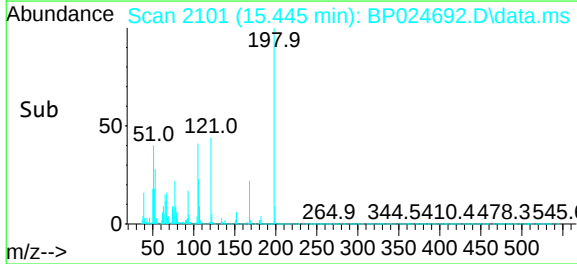
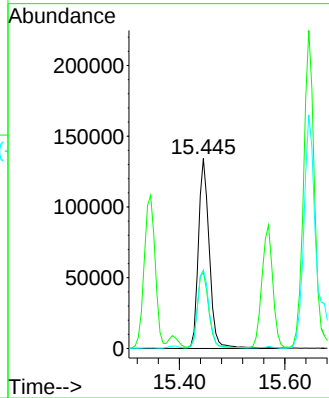
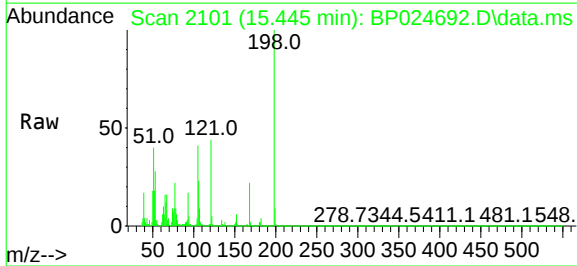




#65  
4,6-Dinitro-2-methylphenol  
Concen: 43.862 ng  
RT: 15.445 min Scan# 2103  
Delta R.T. -0.012 min  
Lab File: BP024692.D  
Acq: 19 May 2025 16:57

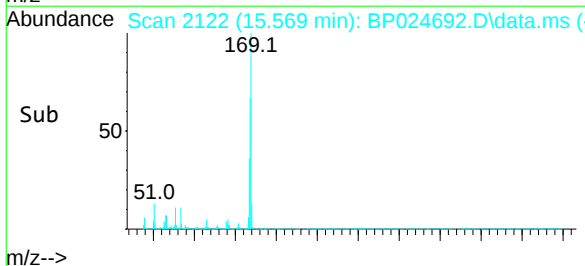
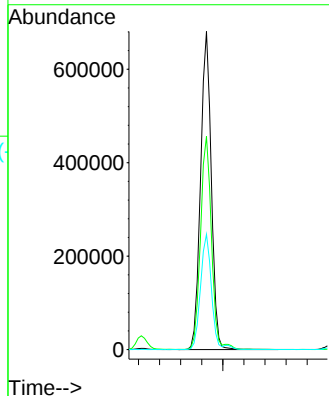
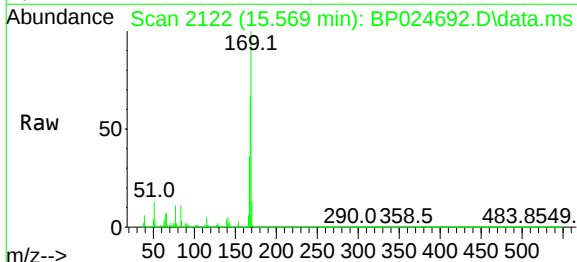
Instrument :  
BNA\_P  
ClientSampleId :  
TP-24MSD

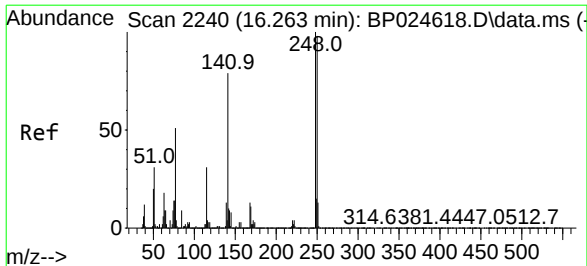
Tgt Ion:198 Resp: 192444  
Ion Ratio Lower Upper  
198 100  
51 40.3 21.1 61.1  
105 41.4 23.6 63.6



#66  
n-Nitrosodiphenylamine  
Concen: 45.990 ng  
RT: 15.569 min Scan# 2122  
Delta R.T. -0.012 min  
Lab File: BP024692.D  
Acq: 19 May 2025 16:57

Tgt Ion:169 Resp: 959522  
Ion Ratio Lower Upper  
169 100  
168 67.0 53.2 79.8  
167 36.2 28.6 43.0





#67

4-Bromophenyl-phenylether

Concen: 47.454 ng

RT: 16.263 min Scan# 2240

Delta R.T. 0.000 min

Lab File: BP024692.D

Acq: 19 May 2025 16:57

Instrument :

BNA\_P

ClientSampleId :

TP-24MSD

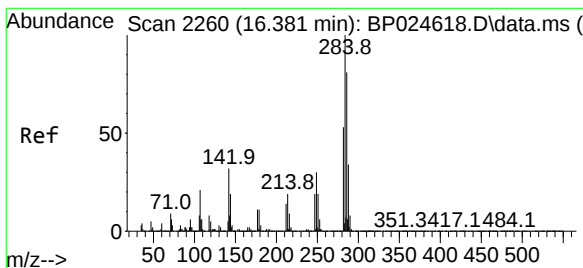
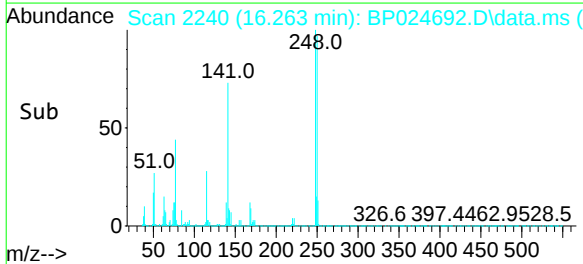
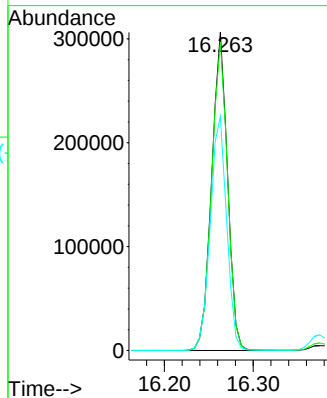
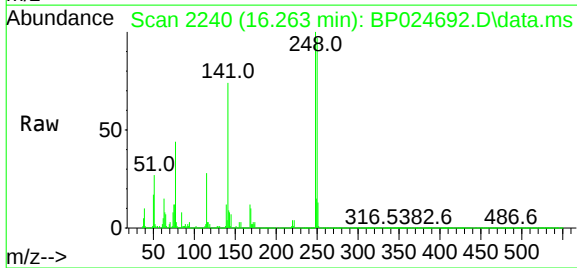
Tgt Ion:248 Resp: 379814

Ion Ratio Lower Upper

248 100

250 96.9 78.2 117.4

141 73.5 63.0 94.6



#68

Hexachlorobenzene

Concen: 45.394 ng

RT: 16.375 min Scan# 2259

Delta R.T. -0.006 min

Lab File: BP024692.D

Acq: 19 May 2025 16:57

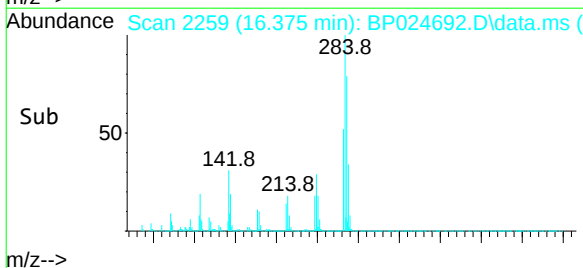
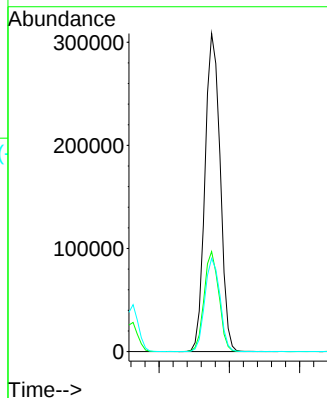
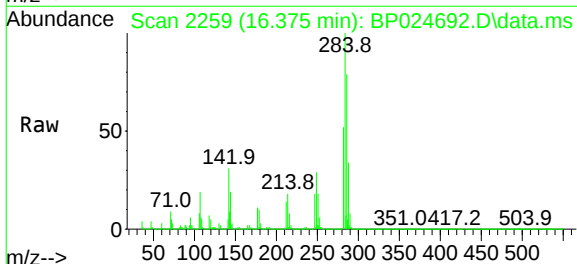
Tgt Ion:284 Resp: 461671

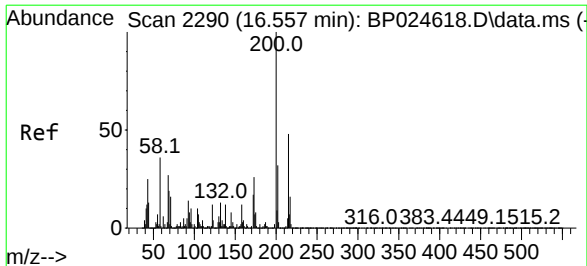
Ion Ratio Lower Upper

284 100

142 31.5 25.9 38.9

249 29.3 24.1 36.1





#69

Atrazine

Concen: 41.336 ng

RT: 16.551 min Scan# 2290

Delta R.T. -0.006 min

Lab File: BP024692.D

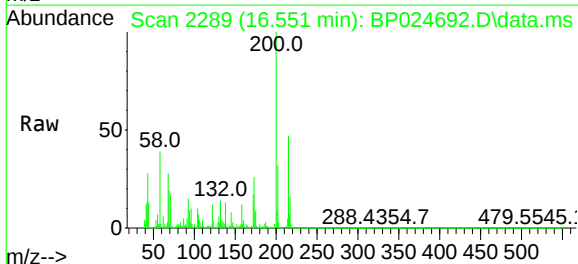
Acq: 19 May 2025 16:57

Instrument :

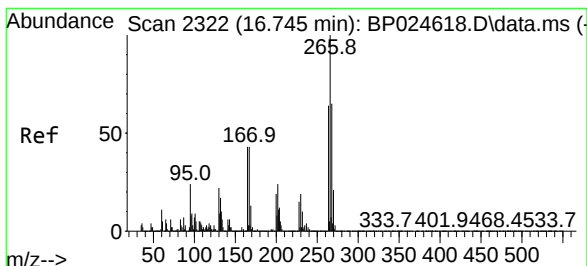
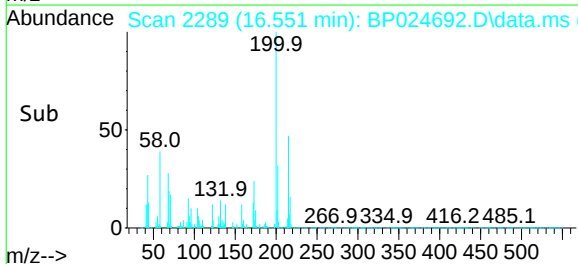
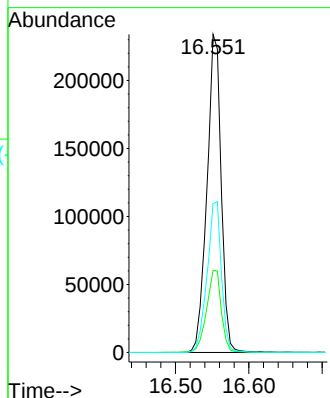
BNA\_P

ClientSampleId :

TP-24MSD



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 200   | Resp: | 316051 |
| Ion Ratio | Lower | Upper |        |
| 200       | 100   |       |        |
| 173       | 25.8  | 5.9   | 45.9   |
| 215       | 46.8  | 28.3  | 68.3   |



#70

Pentachlorophenol

Concen: 88.819 ng

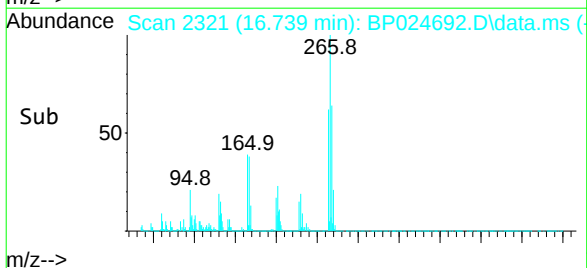
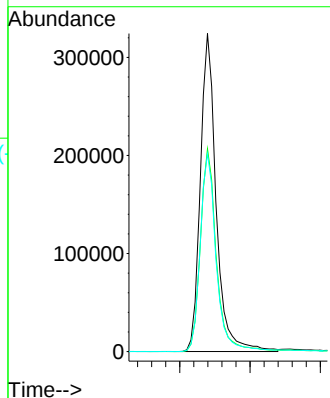
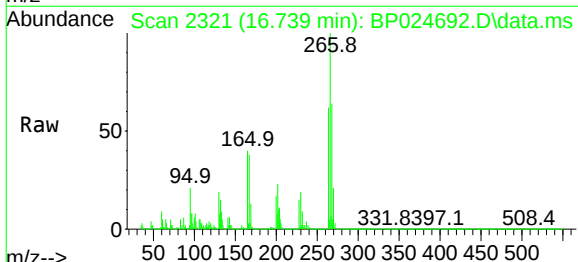
RT: 16.739 min Scan# 2321

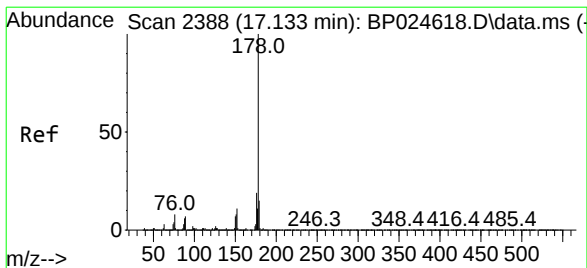
Delta R.T. -0.006 min

Lab File: BP024692.D

Acq: 19 May 2025 16:57

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 266   | Resp: | 507077 |
| Ion Ratio | Lower | Upper |        |
| 266       | 100   |       |        |
| 268       | 63.8  | 52.2  | 78.4   |
| 264       | 62.2  | 51.1  | 76.7   |





#71

Phenanthrene

Concen: 41.726 ng

RT: 17.128 min Scan# 2388

Delta R.T. -0.006 min

Lab File: BP024692.D

Acq: 19 May 2025 16:57

Instrument :

BNA\_P

ClientSampleId :

TP-24MSD

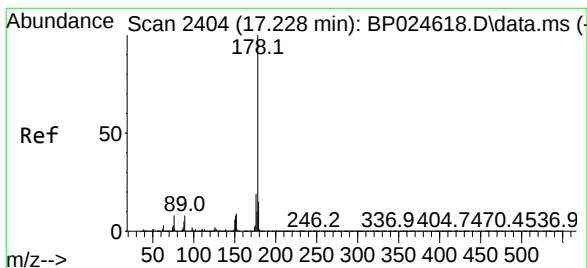
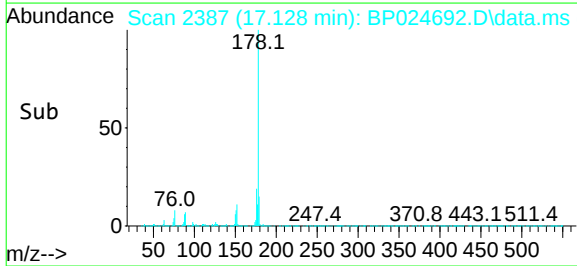
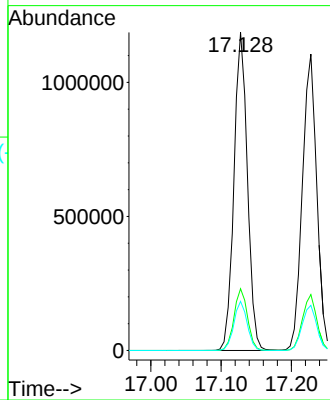
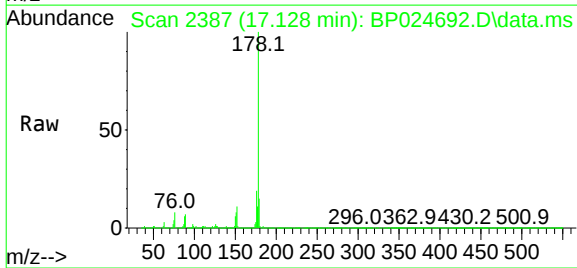
Tgt Ion:178 Resp: 1575554

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

179 15.4 12.2 18.4



#72

Anthracene

Concen: 41.592 ng

RT: 17.228 min Scan# 2404

Delta R.T. 0.000 min

Lab File: BP024692.D

Acq: 19 May 2025 16:57

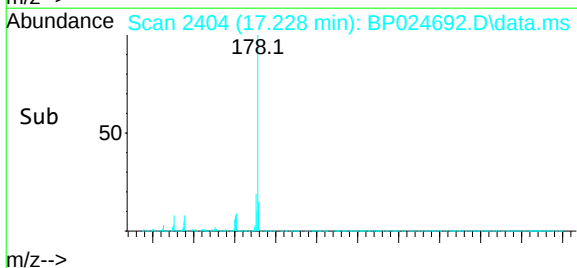
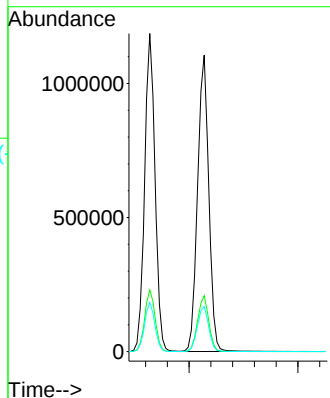
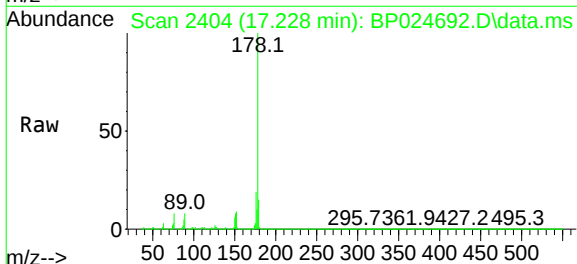
Tgt Ion:178 Resp: 1580121

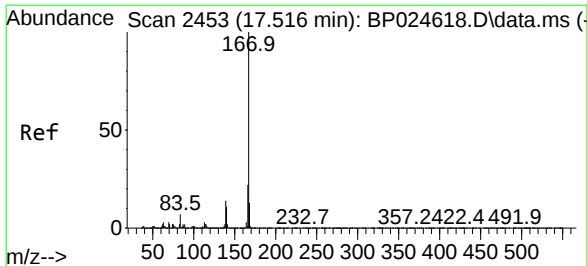
Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.4

179 15.2 12.2 18.2





#73

Carbazole

Concen: 39.171 ng

RT: 17.510 min Scan# 24

Delta R.T. -0.006 min

Lab File: BP024692.D

Acq: 19 May 2025 16:57

Instrument :

BNA\_P

ClientSampleId :

TP-24MSD

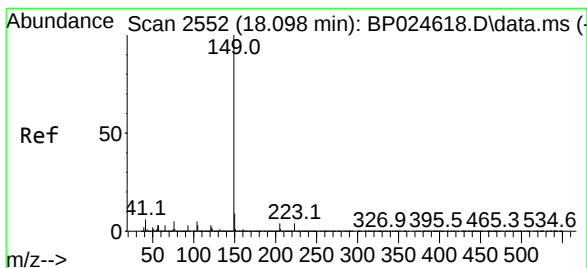
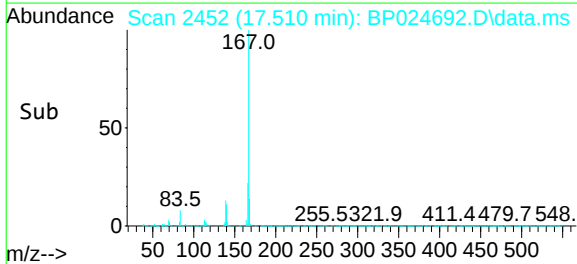
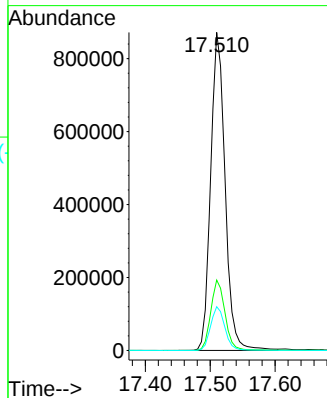
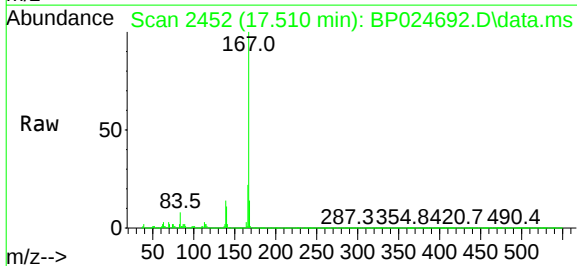
Tgt Ion:167 Resp: 1346907

Ion Ratio Lower Upper

167 100

166 22.1 17.7 26.5

139 13.8 11.3 16.9



#74

Di-n-butylphthalate

Concen: 40.773 ng

RT: 18.098 min Scan# 2552

Delta R.T. 0.000 min

Lab File: BP024692.D

Acq: 19 May 2025 16:57

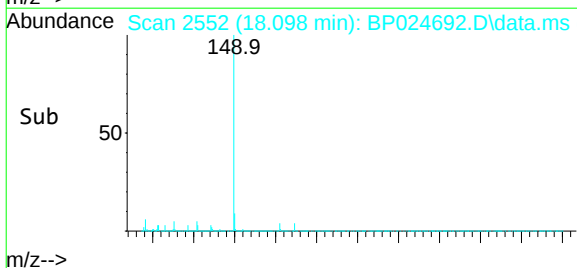
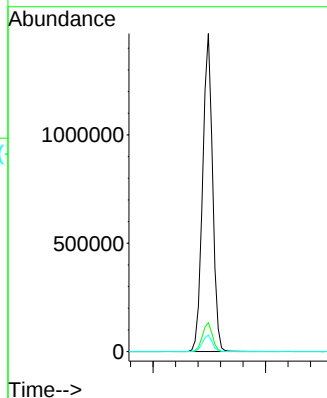
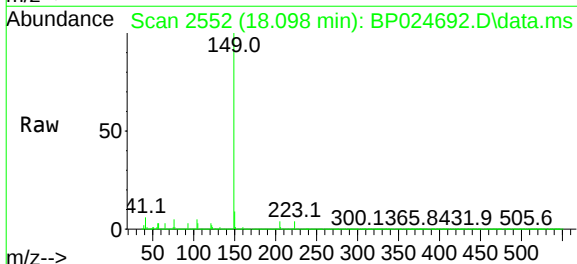
Tgt Ion:149 Resp: 1803089

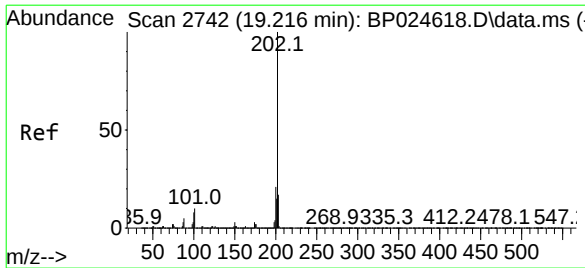
Ion Ratio Lower Upper

149 100

150 9.1 7.2 10.8

104 5.2 4.3 6.5





#75

Fluoranthene

Concen: 37.153 ng

RT: 19.216 min Scan# 2742

Delta R.T. 0.000 min

Lab File: BP024692.D

Acq: 19 May 2025 16:57

Instrument :

BNA\_P

ClientSampleId :

TP-24MSD

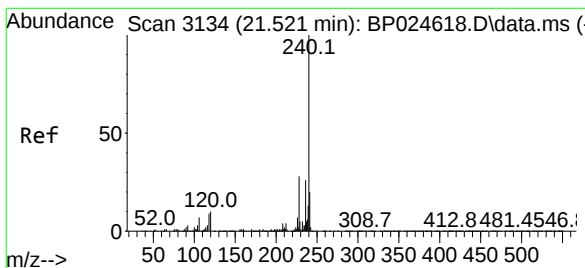
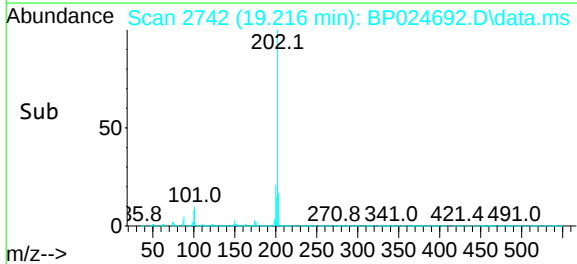
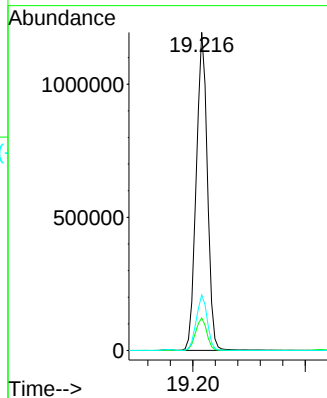
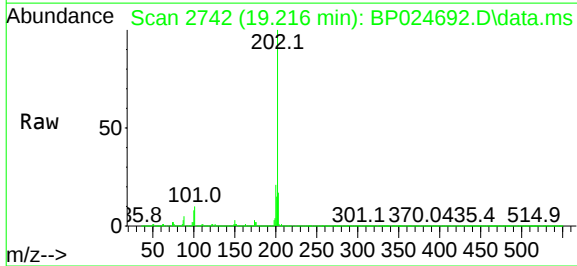
Tgt Ion:202 Resp: 1639877

Ion Ratio Lower Upper

202 100

101 10.2 0.0 30.3

203 17.5 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.527 min Scan# 3135

Delta R.T. 0.006 min

Lab File: BP024692.D

Acq: 19 May 2025 16:57

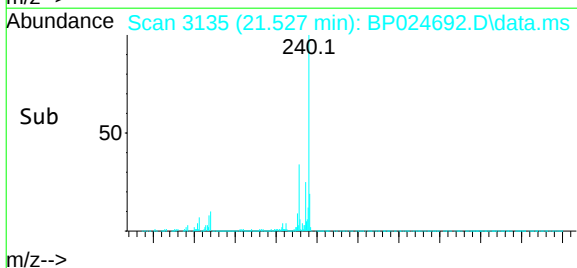
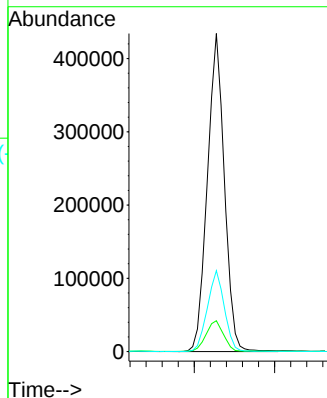
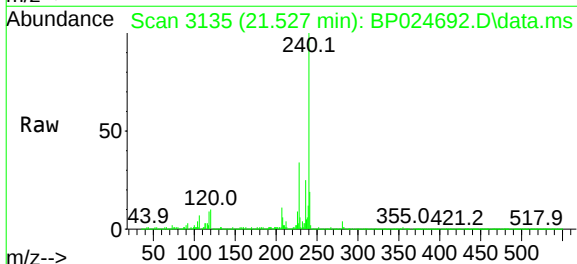
Tgt Ion:240 Resp: 638666

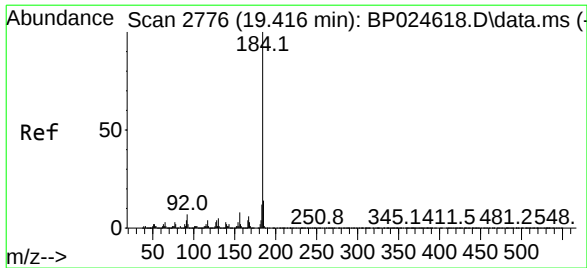
Ion Ratio Lower Upper

240 100

120 9.7 7.8 11.6

236 25.4 20.6 31.0





#77

Benzidine

Concen: 38.128 ng

RT: 19.428 min Scan# 2776

Delta R.T. 0.012 min

Lab File: BP024692.D

Acq: 19 May 2025 16:57

Instrument :

BNA\_P

ClientSampleId :

TP-24MSD

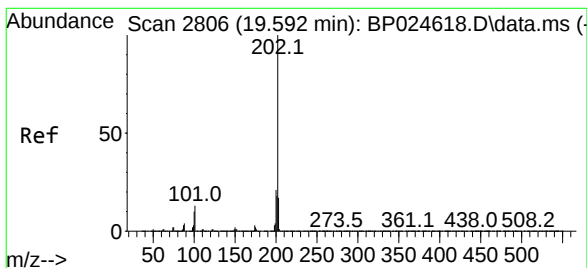
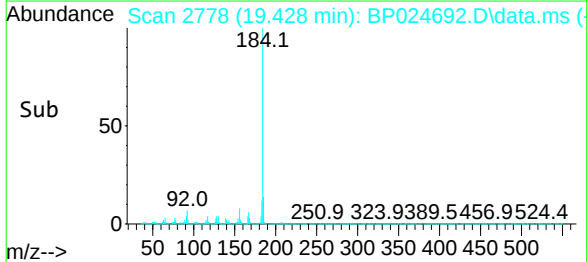
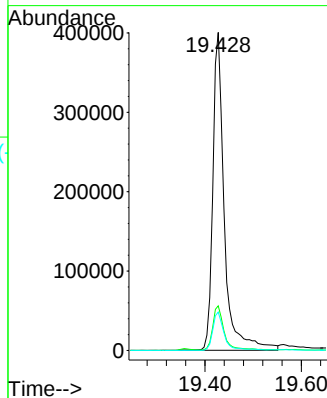
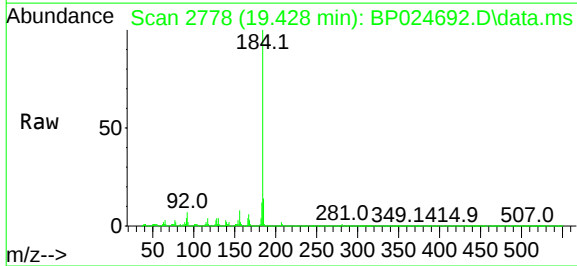
Tgt Ion:184 Resp: 663223

Ion Ratio Lower Upper

184 100

185 14.0 11.2 16.8

183 12.1 9.8 14.8



#78

Pyrene

Concen: 43.173 ng

RT: 19.592 min Scan# 2806

Delta R.T. 0.000 min

Lab File: BP024692.D

Acq: 19 May 2025 16:57

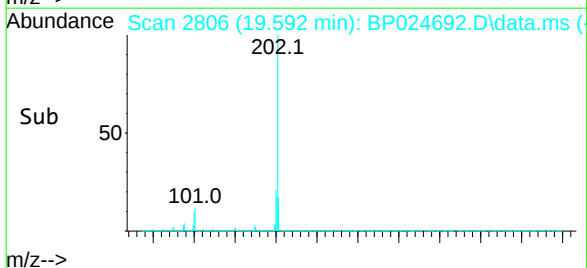
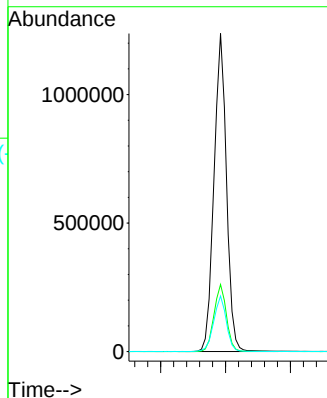
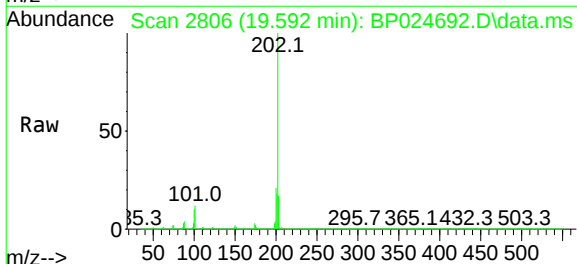
Tgt Ion:202 Resp: 1652101

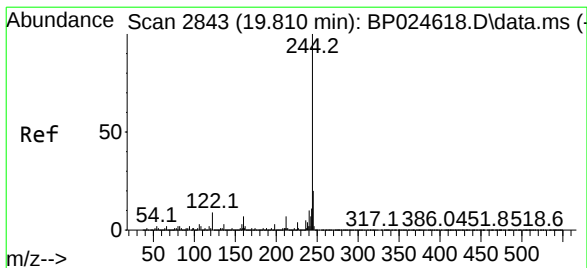
Ion Ratio Lower Upper

202 100

200 21.1 16.9 25.3

203 17.5 13.9 20.9





#79

Terphenyl-d14

Concen: 59.328 ng

RT: 19.810 min Scan# 2843

Delta R.T. 0.000 min

Lab File: BP024692.D

Acq: 19 May 2025 16:57

Instrument :

BNA\_P

ClientSampleId :

TP-24MSD

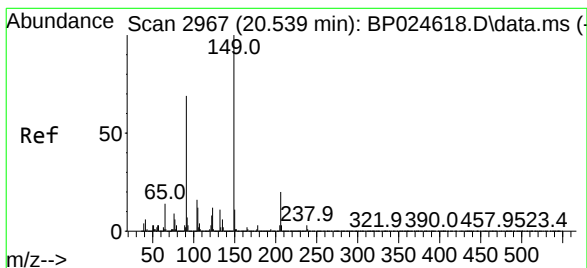
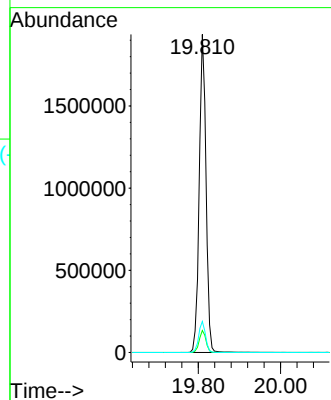
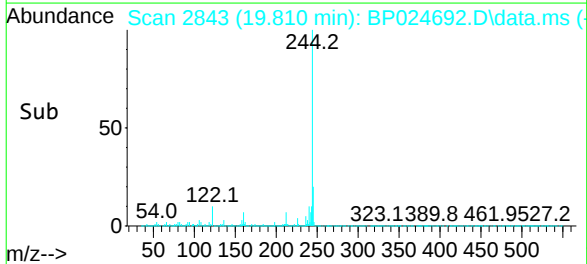
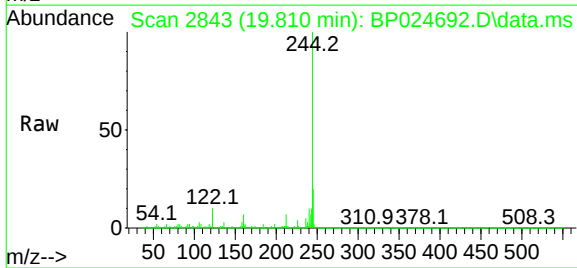
Tgt Ion:244 Resp: 2209762

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

122 9.8 7.4 11.0



#80

Butylbenzylphthalate

Concen: 43.748 ng

RT: 20.545 min Scan# 2968

Delta R.T. 0.006 min

Lab File: BP024692.D

Acq: 19 May 2025 16:57

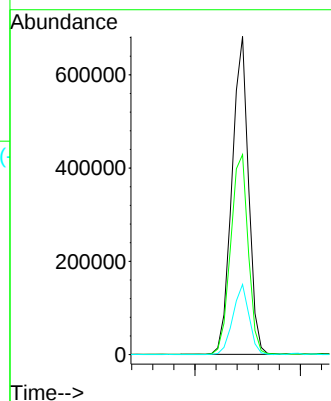
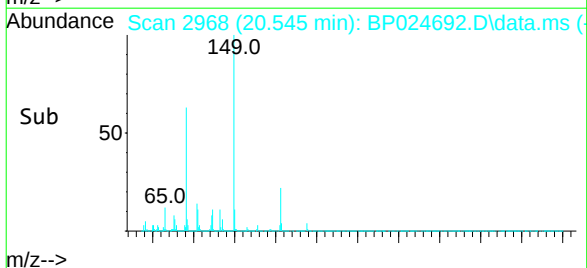
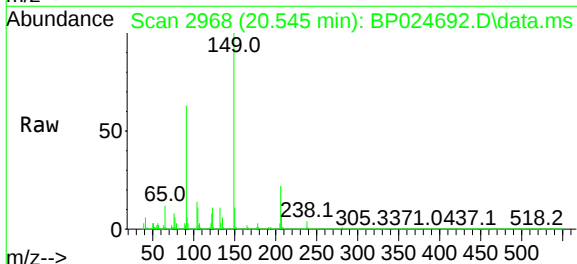
Tgt Ion:149 Resp: 744559

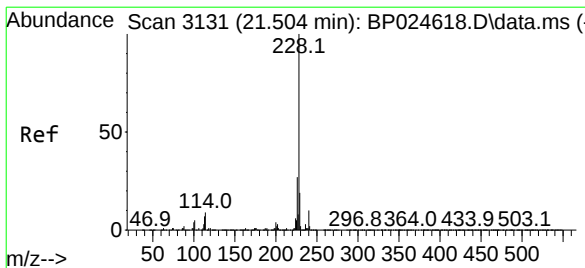
Ion Ratio Lower Upper

149 100

91 62.9 55.4 83.0

206 22.0 16.2 24.2





#81

Benzo(a)anthracene

Concen: 41.851 ng

RT: 21.504 min Scan# 3131

Delta R.T. 0.000 min

Lab File: BP024692.D

Acq: 19 May 2025 16:57

Instrument :

BNA\_P

ClientSampleId :

TP-24MSD

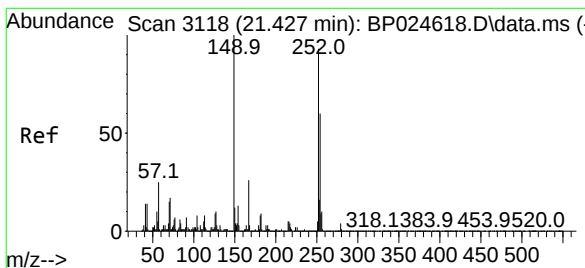
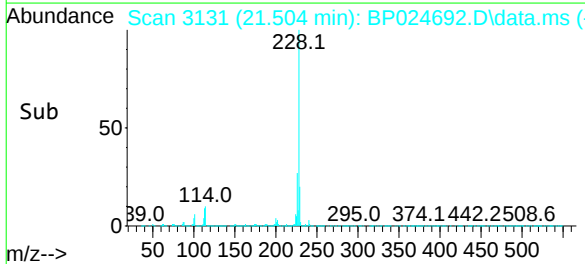
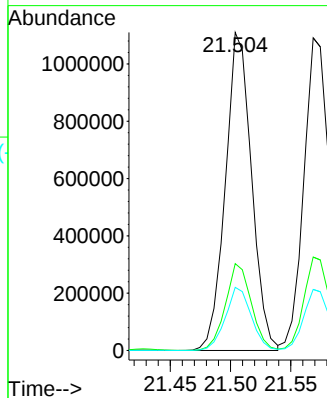
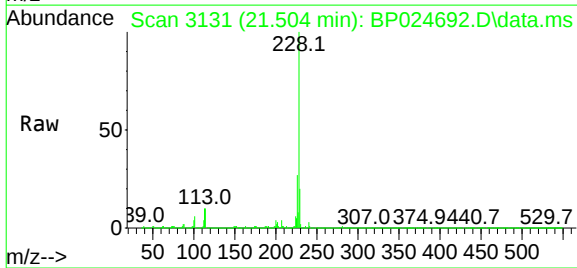
Tgt Ion:228 Resp: 1678348

Ion Ratio Lower Upper

228 100

226 27.3 21.4 32.0

229 19.9 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 37.029 ng

RT: 21.427 min Scan# 3118

Delta R.T. 0.000 min

Lab File: BP024692.D

Acq: 19 May 2025 16:57

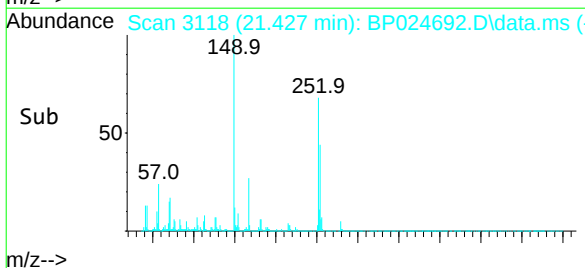
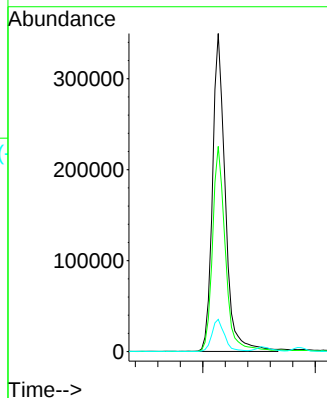
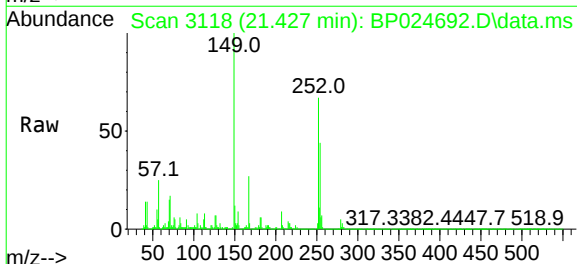
Tgt Ion:252 Resp: 551554

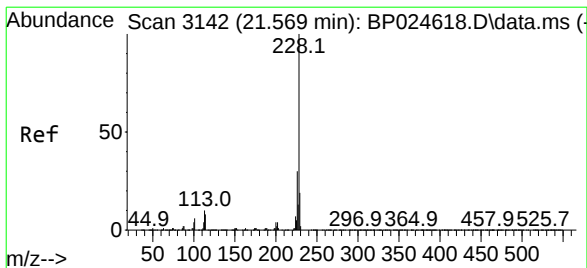
Ion Ratio Lower Upper

252 100

254 64.5 51.8 77.6

126 10.1 7.7 11.5





#83

Chrysene

Concen: 42.426 ng

RT: 21.569 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP024692.D

Acq: 19 May 2025 16:57

Instrument :

BNA\_P

ClientSampleId :

TP-24MSD

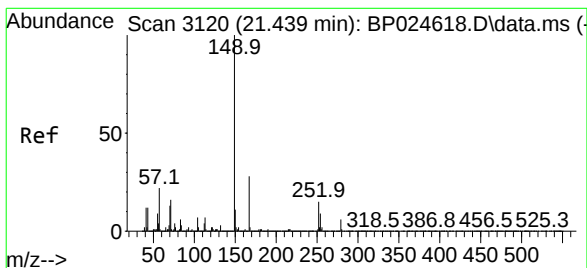
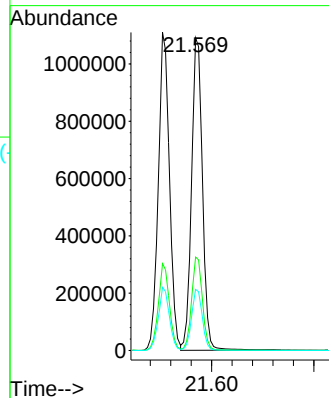
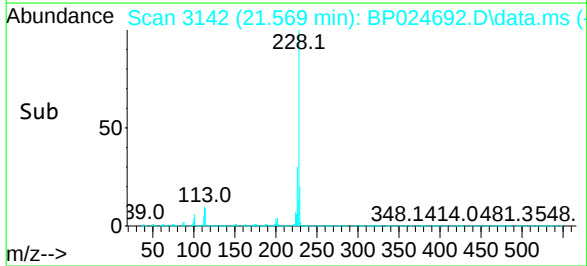
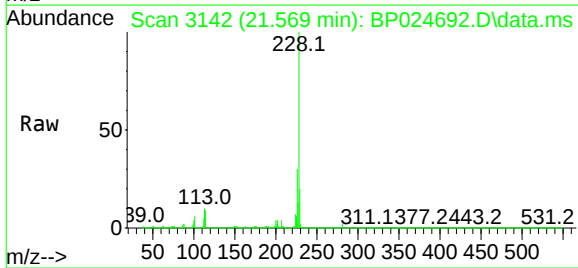
Tgt Ion:228 Resp: 1612852

Ion Ratio Lower Upper

228 100

226 29.9 23.9 35.9

229 19.5 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.046 ng

RT: 21.433 min Scan# 3119

Delta R.T. -0.006 min

Lab File: BP024692.D

Acq: 19 May 2025 16:57

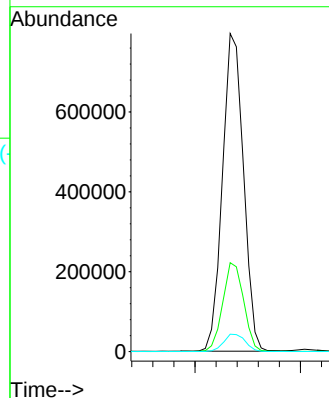
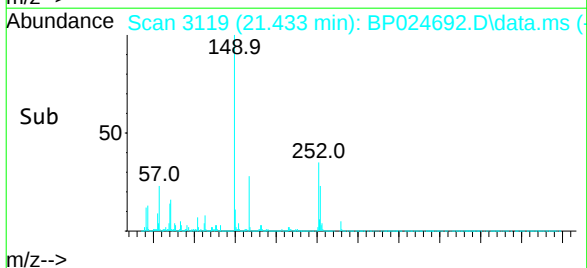
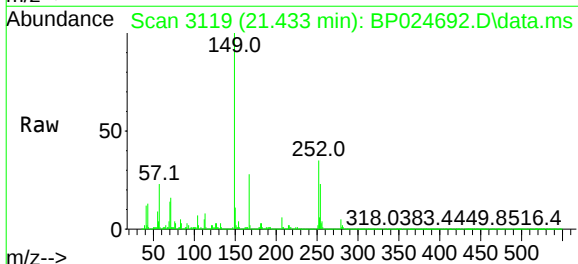
Tgt Ion:149 Resp: 1101805

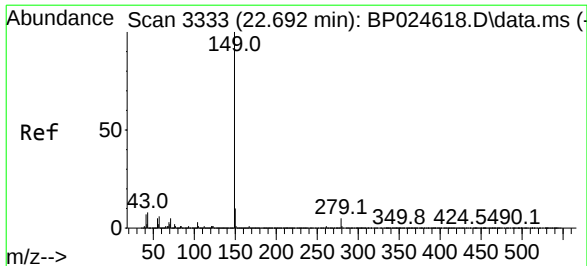
Ion Ratio Lower Upper

149 100

167 28.0 22.1 33.1

279 5.5 4.6 6.8





#85

Di-n-octyl phthalate

Concen: 47.038 ng

RT: 22.692 min Scan# 3333

Delta R.T. 0.000 min

Lab File: BP024692.D

Acq: 19 May 2025 16:57

Instrument :

BNA\_P

ClientSampleId :

TP-24MSD

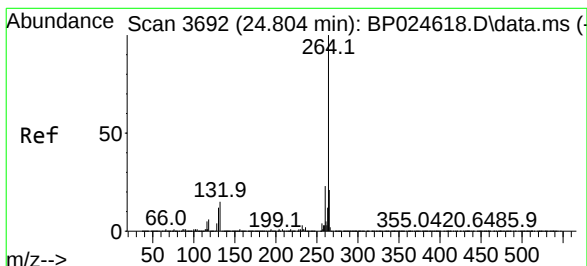
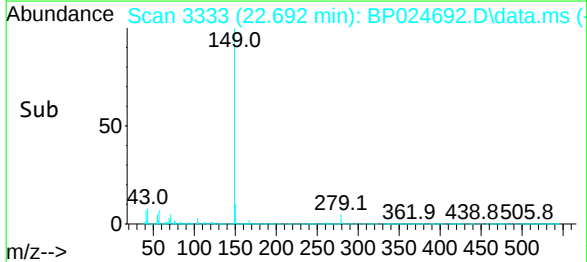
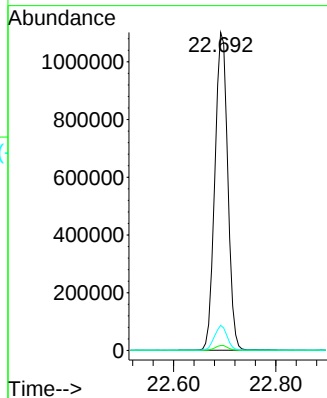
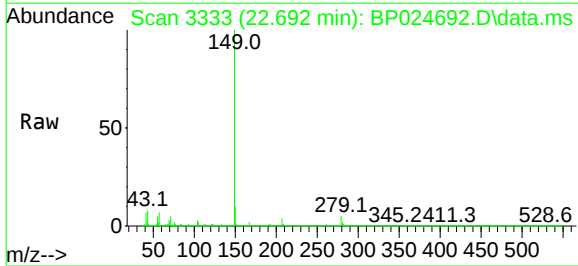
Tgt Ion:149 Resp: 1924172

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 7.6 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.810 min Scan# 3693

Delta R.T. 0.006 min

Lab File: BP024692.D

Acq: 19 May 2025 16:57

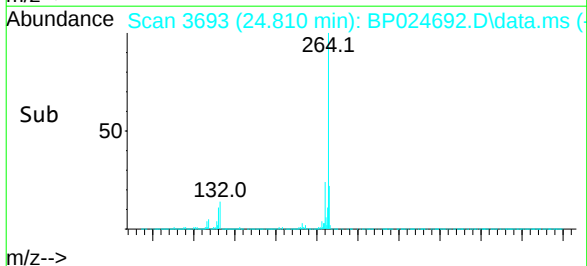
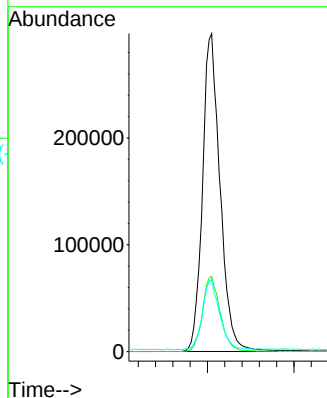
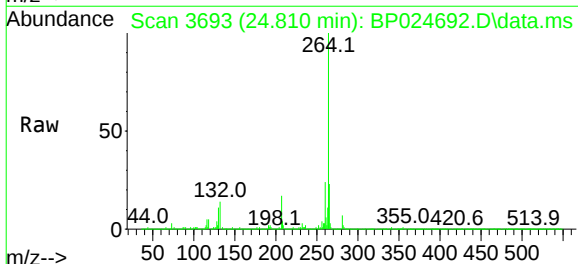
Tgt Ion:264 Resp: 839473

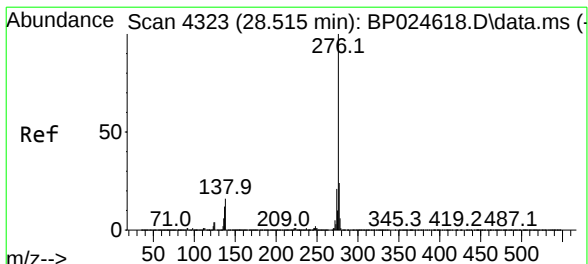
Ion Ratio Lower Upper

264 100

260 23.6 18.7 28.1

265 22.6 17.0 25.6

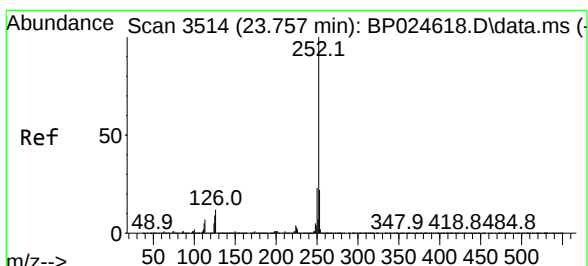
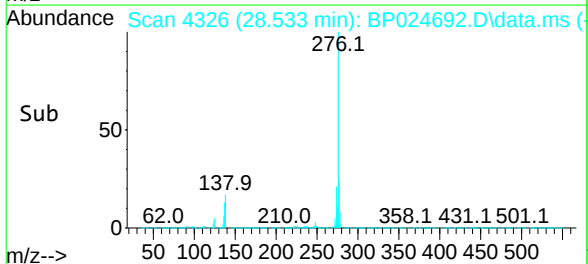
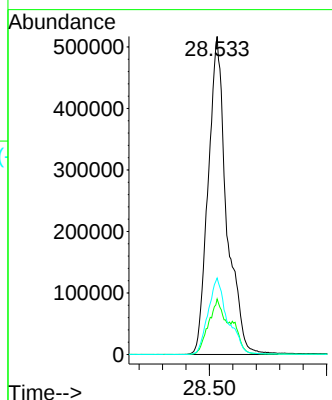
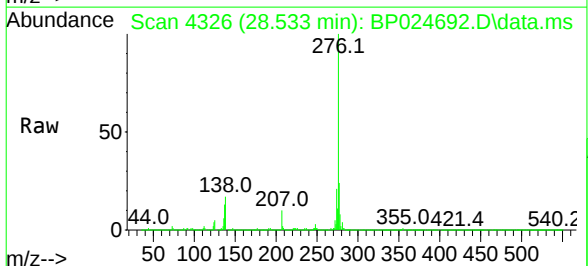




#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 46.235 ng  
 RT: 28.533 min Scan# 43  
 Delta R.T. 0.018 min  
 Lab File: BP024692.D  
 Acq: 19 May 2025 16:57

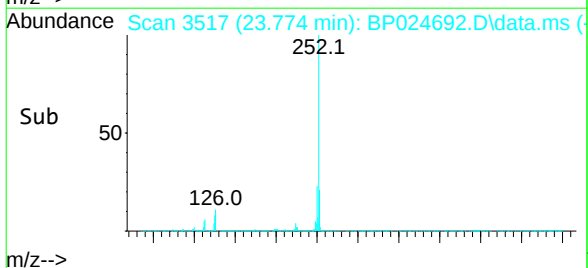
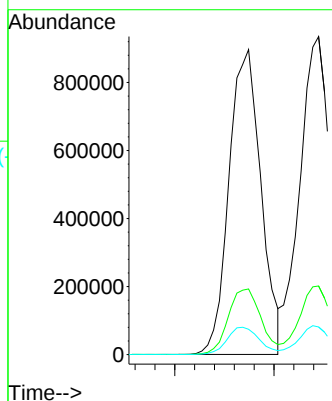
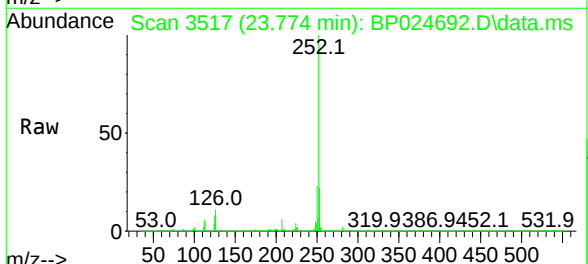
Instrument :  
 BNA\_P  
 ClientSampleId :  
 TP-24MSD

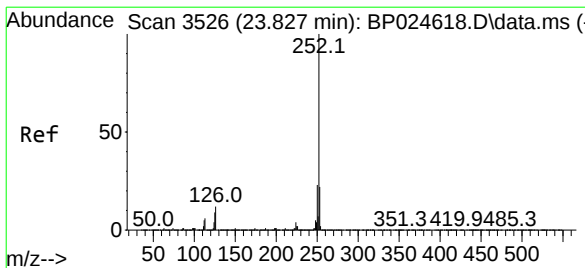
|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 276   | Resp: | 2833559 |
| Ion      | Ratio | Lower | Upper   |
| 276      | 100   |       |         |
| 138      | 14.9  | 11.2  | 16.8    |
| 277      | 25.5  | 15.7  | 23.5    |



#88  
 Benzo(b)fluoranthene  
 Concen: 41.810 ng  
 RT: 23.774 min Scan# 3517  
 Delta R.T. 0.018 min  
 Lab File: BP024692.D  
 Acq: 19 May 2025 16:57

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 252   | Resp: | 2008973 |
| Ion      | Ratio | Lower | Upper   |
| 252      | 100   |       |         |
| 253      | 21.5  | 17.7  | 26.5    |
| 125      | 8.3   | 7.5   | 11.3    |





#89

Benzo(k)fluoranthene

Concen: 41.406 ng

RT: 23.845 min Scan# 3526

Delta R.T. 0.018 min

Lab File: BP024692.D

Acq: 19 May 2025 16:57

Instrument :

BNA\_P

ClientSampleId :

TP-24MSD

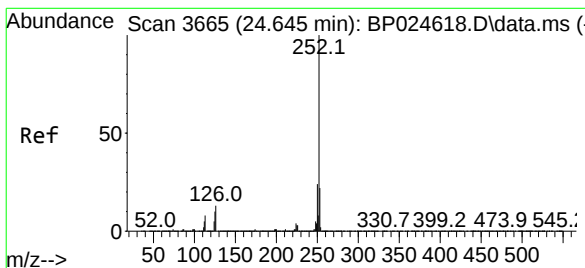
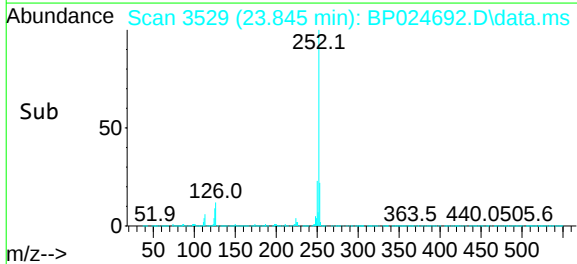
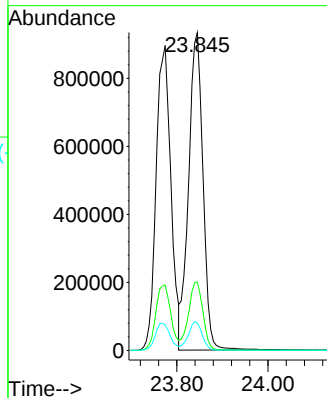
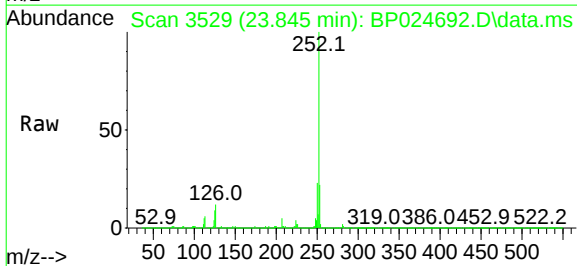
Tgt Ion:252 Resp: 2050124

Ion Ratio Lower Upper

252 100

253 21.6 17.6 26.4

125 8.7 7.0 10.4



#90

Benzo(a)pyrene

Concen: 42.575 ng

RT: 24.651 min Scan# 3666

Delta R.T. 0.006 min

Lab File: BP024692.D

Acq: 19 May 2025 16:57

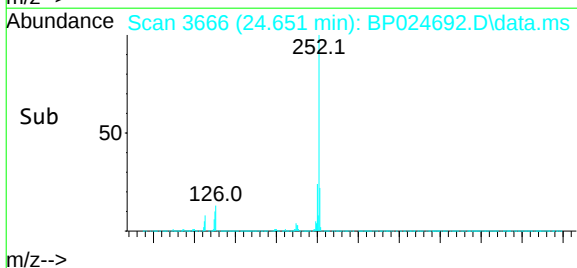
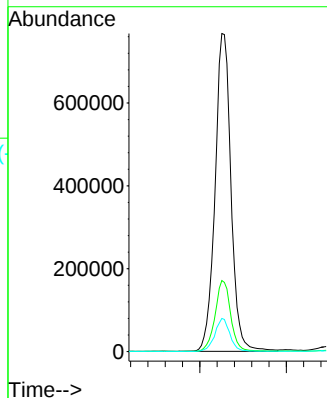
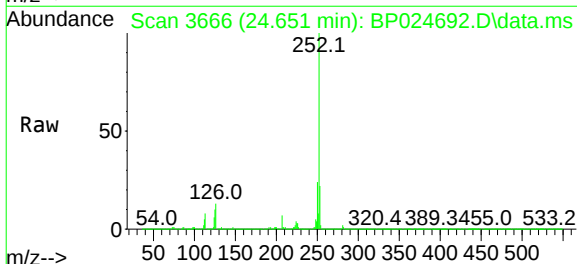
Tgt Ion:252 Resp: 1964741

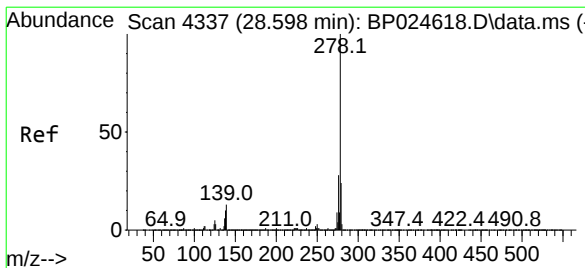
Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 10.4 8.1 12.1





#91

Dibenzo(a,h)anthracene

Concen: 46.738 ng

RT: 28.609 min Scan# 43

Delta R.T. 0.012 min

Lab File: BP024692.D

Acq: 19 May 2025 16:57

Instrument :

BNA\_P

ClientSampleId :

TP-24MSD

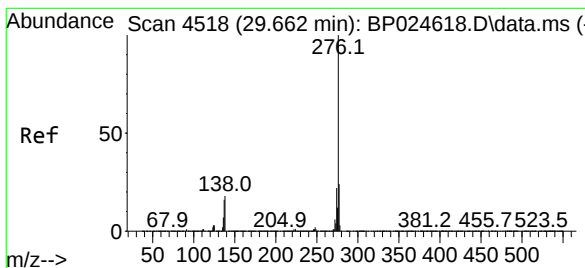
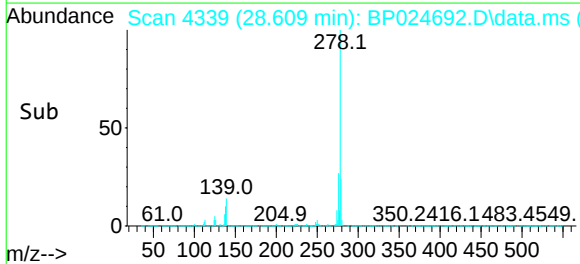
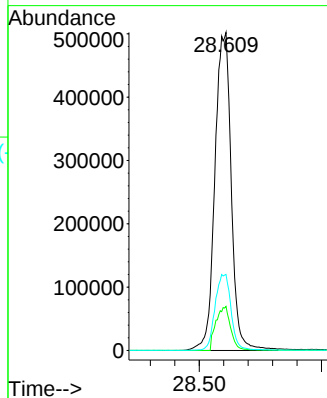
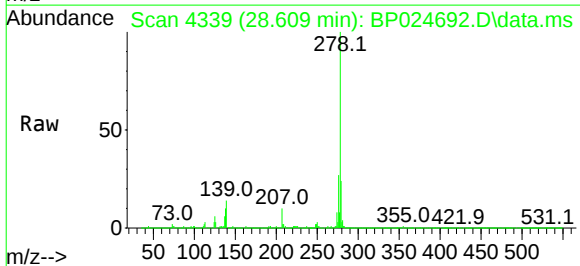
Tgt Ion:278 Resp: 2330309

Ion Ratio Lower Upper

278 100

139 13.9 10.2 15.4

279 23.9 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 46.299 ng

RT: 29.680 min Scan# 4521

Delta R.T. 0.018 min

Lab File: BP024692.D

Acq: 19 May 2025 16:57

Tgt Ion:276 Resp: 2295562

Ion Ratio Lower Upper

276 100

277 23.6 19.0 28.4

138 17.7 14.4 21.6

