

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP082224\  
 Data File : BP021617.D  
 Acq On : 22 Aug 2024 17:14  
 Operator : RC/JU  
 Sample : P3689-02MSD  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 WC-1MSD

Quant Time: Aug 22 17:41:42 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP081324.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 22 11:12:31 2024  
 Response via : Initial Calibration

| Compound                  | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|---------------------------|--------|------|----------|--------|-------|----------|
| -----                     |        |      |          |        |       |          |
| Internal Standards        |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4 | 7.805  | 152  | 364612   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.587 | 136  | 1499801  | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.457 | 164  | 1003444  | 20.000 | ng    | 0.01     |
| 64) Phenanthrene-d10      | 17.263 | 188  | 2173460  | 20.000 | ng    | 0.01     |
| 76) Chrysene-d12          | 21.716 | 240  | 2118408  | 20.000 | ng    | 0.00     |
| 86) Perylene-d12          | 25.145 | 264  | 2549805  | 20.000 | ng    | 0.00     |

|                             |        |     |         |         |    |      |
|-----------------------------|--------|-----|---------|---------|----|------|
| System Monitoring Compounds |        |     |         |         |    |      |
| 5) 2-Fluorophenol           | 5.399  | 112 | 2577462 | 104.966 | ng | 0.00 |
| 7) Phenol-d6                | 6.969  | 99  | 3624095 | 101.174 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 8.946  | 82  | 2043309 | 70.320  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 15.969 | 330 | 1275770 | 114.235 | ng | 0.01 |
| 45) 2-Fluorobiphenyl        | 13.063 | 172 | 3356140 | 51.044  | ng | 0.01 |
| 79) Terphenyl-d14           | 19.986 | 244 | 5213806 | 47.814  | ng | 0.01 |

|                               |        |     |         |            |        |
|-------------------------------|--------|-----|---------|------------|--------|
| Target Compounds              |        |     |         |            | Qvalue |
| 2) 1,4-Dioxane                | 3.317  | 88  | 383638  | 32.950 ng  | 98     |
| 3) Pyridine                   | 3.711  | 79  | 1043268 | 32.098 ng  | 94     |
| 4) n-Nitrosodimethylamine     | 3.617  | 42  | 374801  | 38.364 ng  | 90     |
| 6) Aniline                    | 7.128  | 93  | 1342183 | 37.480 ng  | 97     |
| 8) 2-Chlorophenol             | 7.369  | 128 | 1066996 | 47.021 ng  | 94     |
| 9) Benzaldehyde               | 6.940  | 77  | 556267m | 24.254 ng  |        |
| 10) Phenol                    | 6.999  | 94  | 1637461 | 44.145 ng  | 96     |
| 11) bis(2-Chloroethyl)ether   | 7.222  | 93  | 1166310 | 37.159 ng  | 96     |
| 12) 1,3-Dichlorobenzene       | 7.693  | 146 | 1049988 | 38.954 ng  | 97     |
| 13) 1,4-Dichlorobenzene       | 7.840  | 146 | 1075614 | 39.519 ng  | 97     |
| 14) 1,2-Dichlorobenzene       | 8.152  | 146 | 1034070 | 39.425 ng  | 99     |
| 15) Benzyl Alcohol            | 8.034  | 79  | 1111206 | 43.235 ng  | 96     |
| 16) 2,2'-oxybis(1-Chloropr... | 8.322  | 45  | 1106062 | 38.266 ng  | 96     |
| 17) 2-Methylphenol            | 8.240  | 107 | 1049192 | 44.742 ng  | 97     |
| 18) Hexachloroethane          | 8.887  | 117 | 434162  | 39.779 ng  | 99     |
| 19) n-Nitroso-di-n-propyla... | 8.605  | 70  | 840792  | 33.980 ng  | 96     |
| 20) 3+4-Methylphenols         | 8.563  | 107 | 1467750 | 46.419 ng  | 98     |
| 22) Acetophenone              | 8.616  | 105 | 1770935 | 38.435 ng  | # 98   |
| 24) Nitrobenzene              | 8.987  | 77  | 1293774 | 40.995 ng  | 95     |
| 25) Isophorone                | 9.522  | 82  | 2510231 | 36.568 ng  | 97     |
| 26) 2-Nitrophenol             | 9.699  | 139 | 527043  | 59.172 ng  | 95     |
| 27) 2,4-Dimethylphenol        | 9.763  | 122 | 921784  | 54.411 ng  | 98     |
| 28) bis(2-Chloroethoxy)met... | 9.999  | 93  | 1570138 | 37.471 ng  | 99     |
| 29) 2,4-Dichlorophenol        | 10.234 | 162 | 1014586 | 50.688 ng  | 98     |
| 30) 1,2,4-Trichlorobenzene    | 10.452 | 180 | 990965  | 38.616 ng  | 97     |
| 31) Naphthalene               | 10.640 | 128 | 3181835 | 40.611 ng  | 100    |
| 32) Benzoic acid              | 9.905  | 122 | 794683  | 63.284 ng  | 91     |
| 33) 4-Chloroaniline           | 10.740 | 127 | 814669  | 27.681 ng  | 97     |
| 34) Hexachlorobutadiene       | 10.928 | 225 | 611185  | 37.826 ng  | 98     |
| 35) Caprolactam               | 11.516 | 113 | 398520  | 47.833 ng  | 93     |
| 36) 4-Chloro-3-methylphenol   | 11.869 | 107 | 1314229 | 47.332 ng  | 97     |
| 37) 2-Methylnaphthalene       | 12.257 | 142 | 2207725 | 41.286 ng  | 100    |
| 38) 1-Methylnaphthalene       | 12.475 | 142 | 2061717 | 39.093 ng  | 100    |
| 40) 1,2,4,5-Tetrachloroben... | 12.628 | 216 | 1175564 | 39.984 ng  | 99     |
| 41) Hexachlorocyclopentadiene | 12.610 | 237 | 1160377 | 124.527 ng | 99     |
| 43) 2,4,6-Trichlorophenol     | 12.863 | 196 | 830047  | 50.824 ng  | 99     |

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 Sample : P3689-02MSD  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

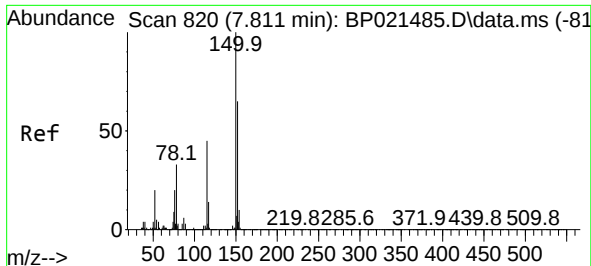
Instrument :  
 BNA\_P  
 ClientSampleId :  
 WC-1MSD

Quant Time: Aug 22 17:41:42 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP081324.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 22 11:12:31 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.934 | 196  | 909399   | 50.117  | ng    | 96       |
| 46) 1,1'-Biphenyl             | 13.269 | 154  | 2853589  | 40.194  | ng    | 98       |
| 47) 2-Chloronaphthalene       | 13.316 | 162  | 2217687  | 40.123  | ng    | 99       |
| 48) 2-Nitroaniline            | 13.504 | 65   | 769041   | 49.468  | ng    | # 86     |
| 49) Acenaphthylene            | 14.169 | 152  | 3613244  | 44.470  | ng    | 99       |
| 50) Dimethylphthalate         | 13.904 | 163  | 2809244  | 41.805  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.016 | 165  | 624190   | 46.203  | ng    | 94       |
| 52) Acenaphthene              | 14.516 | 154  | 2547071m | 47.776  | ng    |          |
| 53) 3-Nitroaniline            | 14.351 | 138  | 501464   | 38.483  | ng    | # 89     |
| 54) 2,4-Dinitrophenol         | 14.557 | 184  | 619859   | 109.547 | ng    | # 88     |
| 55) Dibenzofuran              | 14.857 | 168  | 3419343  | 41.693  | ng    | 99       |
| 56) 4-Nitrophenol             | 14.669 | 139  | 1227925  | 108.261 | ng    | 89       |
| 57) 2,4-Dinitrotoluene        | 14.822 | 165  | 880850   | 50.761  | ng    | # 83     |
| 58) Fluorene                  | 15.522 | 166  | 2712320  | 40.257  | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 15.093 | 232  | 805859   | 52.323  | ng    | 97       |
| 60) Diethylphthalate          | 15.293 | 149  | 2848961  | 41.319  | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 15.516 | 204  | 1341569  | 38.521  | ng    | 98       |
| 62) 4-Nitroaniline            | 15.534 | 138  | 648616   | 47.385  | ng    | 97       |
| 63) Azobenzene                | 15.822 | 77   | 3147181  | 37.132  | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 15.598 | 198  | 425875   | 59.783  | ng    | 92       |
| 66) n-Nitrosodiphenylamine    | 15.734 | 169  | 2437233  | 41.844  | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 16.440 | 248  | 911996   | 39.647  | ng    | 99       |
| 68) Hexachlorobenzene         | 16.557 | 284  | 1080240  | 39.738  | ng    | 98       |
| 69) Atrazine                  | 16.722 | 200  | 916490   | 45.830  | ng    | 99       |
| 70) Pentachlorophenol         | 16.904 | 266  | 1477962  | 99.612  | ng    | 99       |
| 71) Phenanthrene              | 17.304 | 178  | 4485609  | 42.914  | ng    | 100      |
| 72) Anthracene                | 17.398 | 178  | 4612571  | 44.996  | ng    | 100      |
| 73) Carbazole                 | 17.675 | 167  | 4247243  | 42.992  | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.275 | 149  | 5118439  | 42.187  | ng    | 100      |
| 75) Fluoranthene              | 19.392 | 202  | 5461102  | 42.581  | ng    | 99       |
| 77) Benzidine                 | 19.586 | 184  | 3659555  | 91.170  | ng    | 100      |
| 78) Pyrene                    | 19.763 | 202  | 5695014  | 41.130  | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.716 | 149  | 2399789  | 45.841  | ng    | 91       |
| 81) Benzo(a)anthracene        | 21.698 | 228  | 5551087  | 41.742  | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.616 | 252  | 1885033  | 44.210  | ng    | 99       |
| 83) Chrysene                  | 21.769 | 228  | 5279683  | 42.050  | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.651 | 149  | 3495203  | 44.469  | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.969 | 149  | 6103776  | 44.590  | ng    | 97       |
| 87) Indeno(1,2,3-cd)pyrene    | 29.057 | 276  | 7000775m | 42.357  | ng    |          |
| 88) Benzo(b)fluoranthene      | 24.074 | 252  | 5681405  | 38.797  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 24.145 | 252  | 5685499  | 39.799  | ng    | 100      |
| 90) Benzo(a)pyrene            | 24.992 | 252  | 5551628  | 43.685  | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 29.157 | 278  | 5664144  | 41.245  | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 30.268 | 276  | 5370976  | 39.021  | ng    | 99       |

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

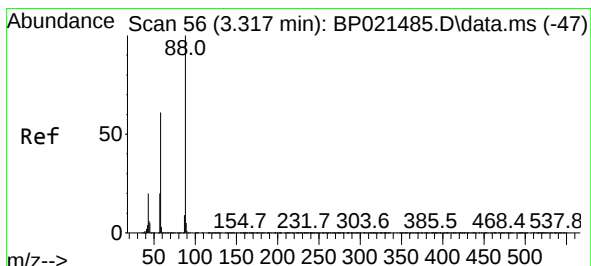
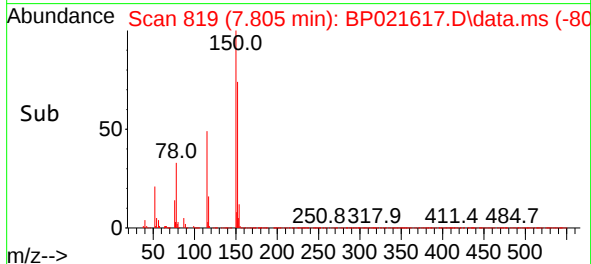
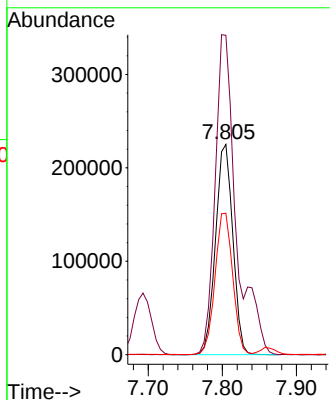
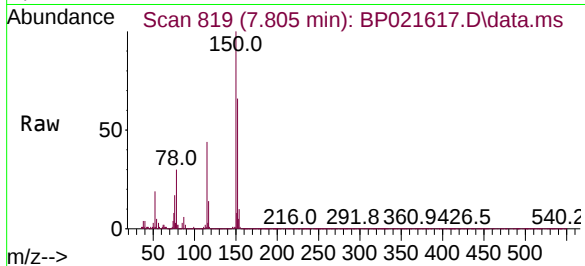




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.805 min Scan# 81  
 Delta R.T. -0.000 min  
 Lab File: BP021617.D  
 Acq: 22 Aug 2024 17:14

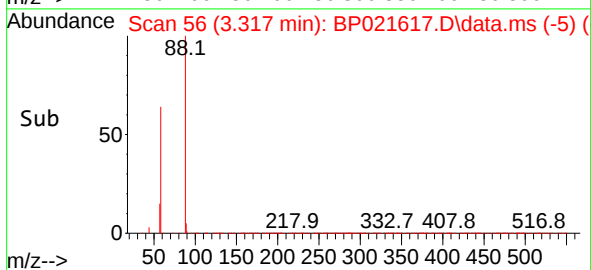
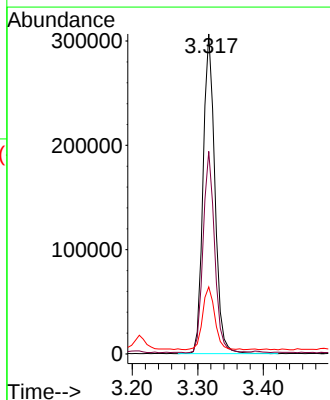
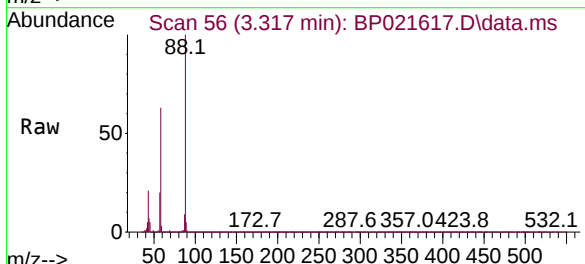
Instrument :  
 BNA\_P  
 ClientSampleId :  
 WC-1MSD

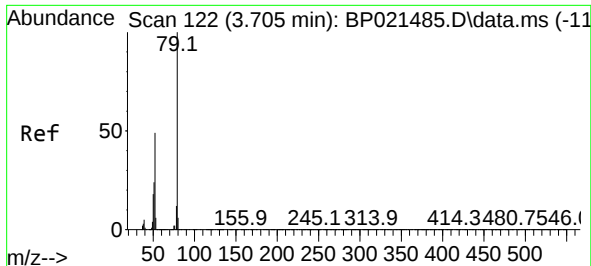
Tgt Ion:152 Resp: 364612  
 Ion Ratio Lower Upper  
 152 100  
 150 151.9 122.4 183.6  
 115 67.3 54.7 82.1



#2  
 1,4-Dioxane  
 Concen: 32.950 ng  
 RT: 3.317 min Scan# 56  
 Delta R.T. 0.000 min  
 Lab File: BP021617.D  
 Acq: 22 Aug 2024 17:14

Tgt Ion: 88 Resp: 383638  
 Ion Ratio Lower Upper  
 88 100  
 58 62.0 48.7 73.1  
 43 20.4 15.4 23.2

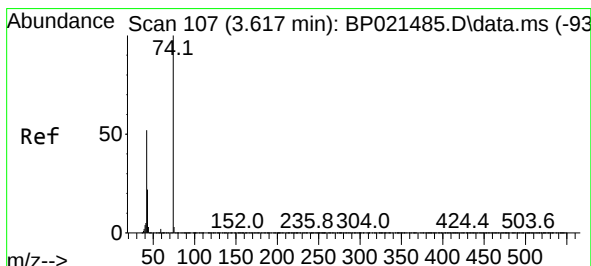
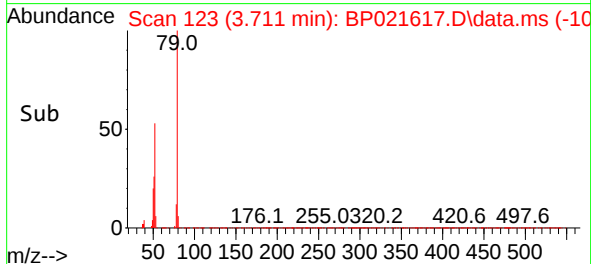
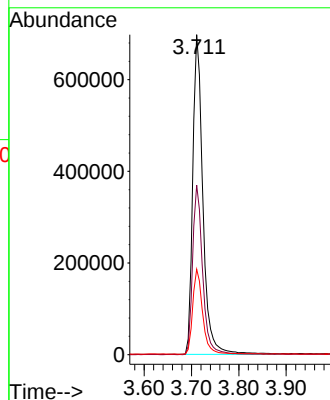
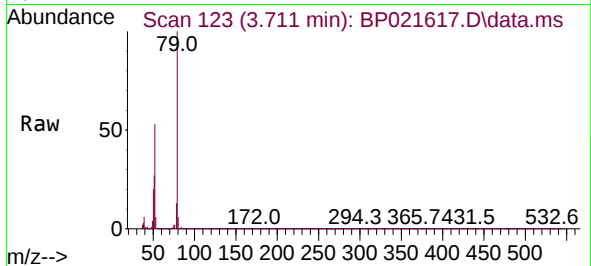




#3  
Pyridine  
Concen: 32.098 ng  
RT: 3.711 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BP021617.D  
Acq: 22 Aug 2024 17:14

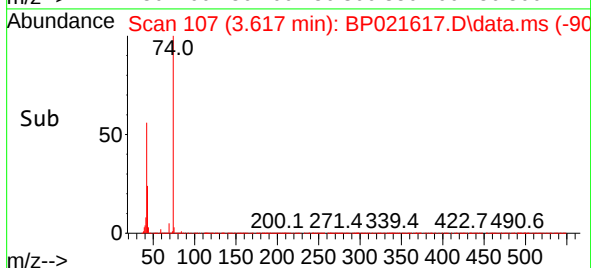
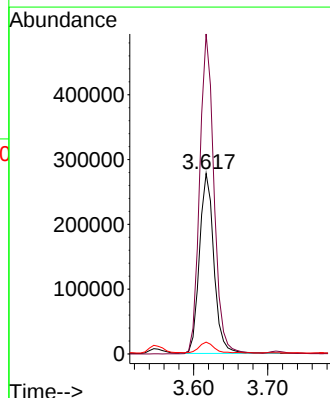
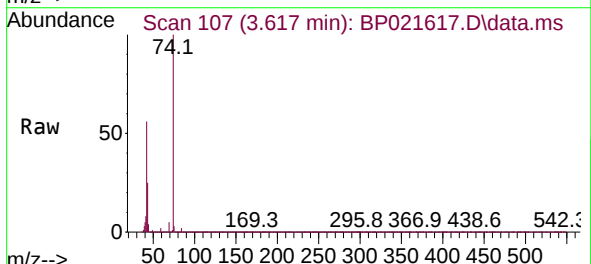
Instrument :  
BNA\_P  
ClientSampleId :  
WC-1MSD

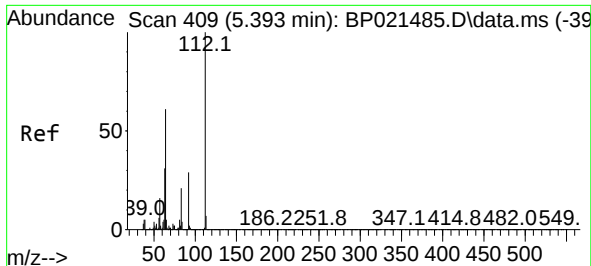
Tgt Ion: 79 Resp: 1043268  
Ion Ratio Lower Upper  
79 100  
52 53.0 39.0 58.6  
51 26.7 19.2 28.8



#4  
n-Nitrosodimethylamine  
Concen: 38.364 ng  
RT: 3.617 min Scan# 107  
Delta R.T. 0.000 min  
Lab File: BP021617.D  
Acq: 22 Aug 2024 17:14

Tgt Ion: 42 Resp: 374801  
Ion Ratio Lower Upper  
42 100  
74 177.3 154.3 231.5  
44 6.6 6.2 9.4

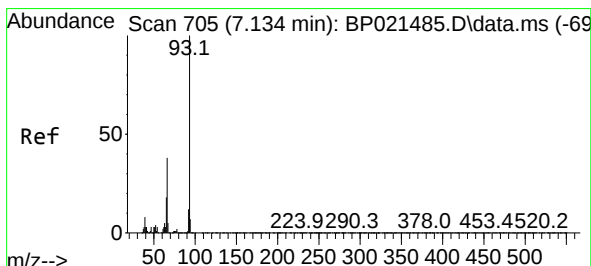
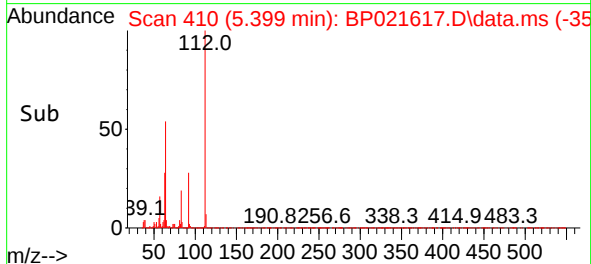
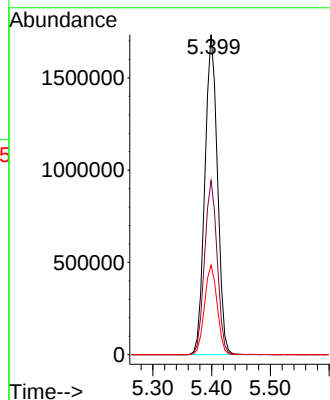
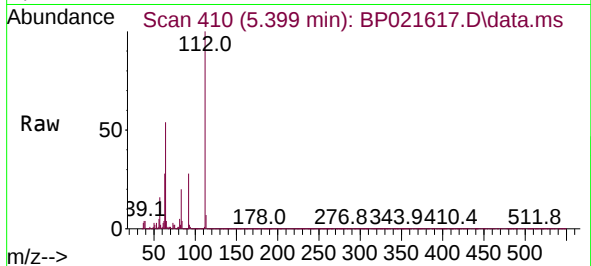




#5  
2-Fluorophenol  
Concen: 104.966 ng  
RT: 5.399 min Scan# 411  
Delta R.T. 0.000 min  
Lab File: BP021617.D  
Acq: 22 Aug 2024 17:14

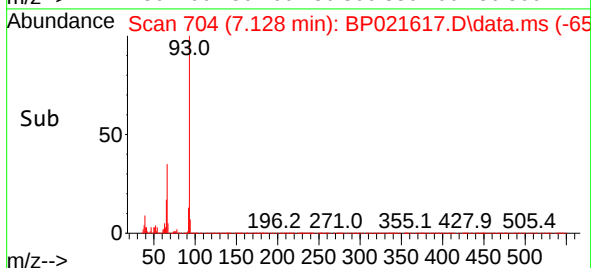
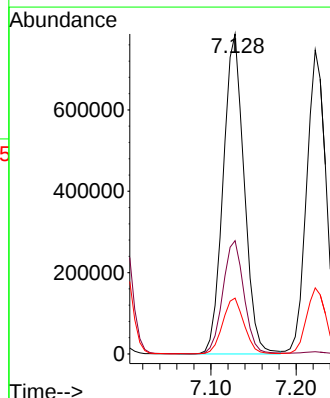
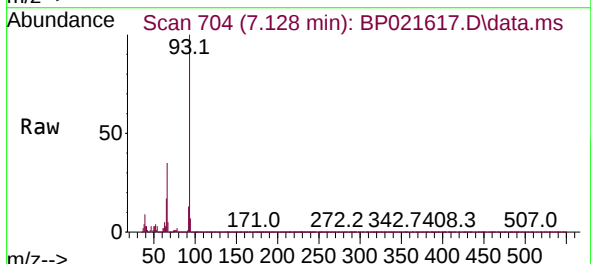
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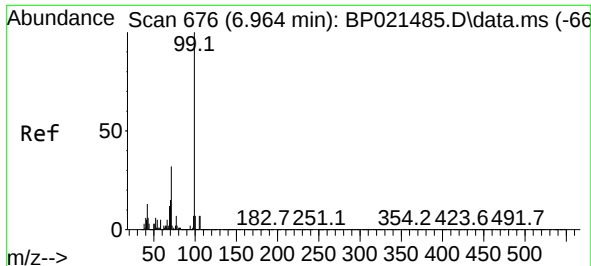
Tgt Ion:112 Resp: 2577462  
Ion Ratio Lower Upper  
112 100  
64 54.4 49.0 73.6  
63 27.9 24.6 36.8



#6  
Aniline  
Concen: 37.480 ng  
RT: 7.128 min Scan# 704  
Delta R.T. 0.000 min  
Lab File: BP021617.D  
Acq: 22 Aug 2024 17:14

Tgt Ion: 93 Resp: 1342183  
Ion Ratio Lower Upper  
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66 35.4 30.2 45.2  
65 17.4 14.7 22.1

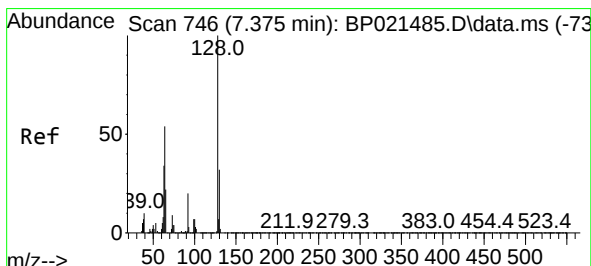
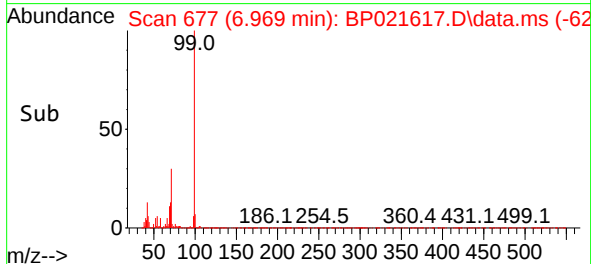
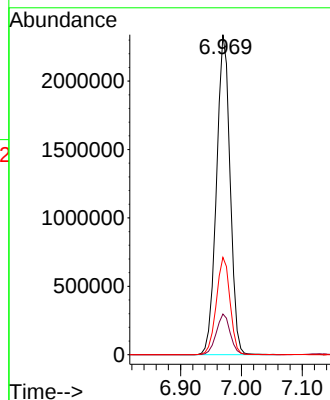
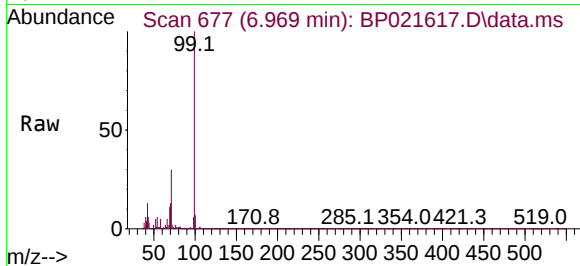




#7  
Phenol-d6  
Concen: 101.174 ng  
RT: 6.969 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BP021617.D  
Acq: 22 Aug 2024 17:14

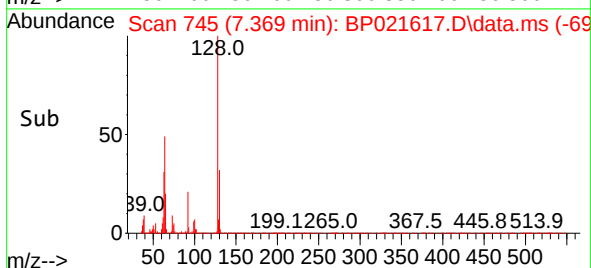
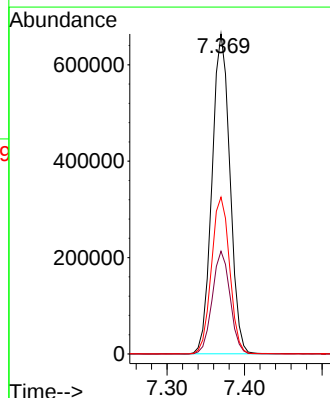
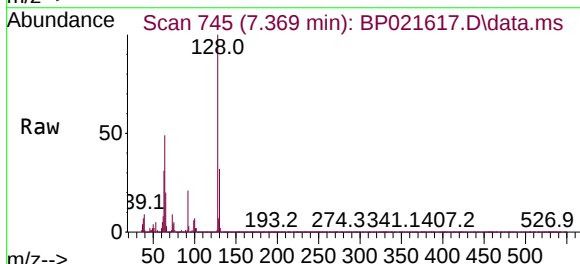
Instrument :  
BNA\_P  
ClientSampleId :  
WC-1MSD

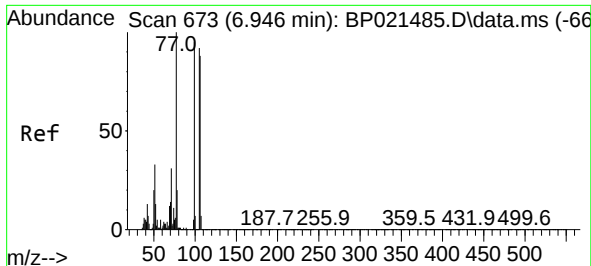
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42 12.7 10.2 15.4  
71 30.4 25.8 38.8



#8  
2-Chlorophenol  
Concen: 47.021 ng  
RT: 7.369 min Scan# 745  
Delta R.T. 0.000 min  
Lab File: BP021617.D  
Acq: 22 Aug 2024 17:14

Tgt Ion:128 Resp: 1066996  
Ion Ratio Lower Upper  
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130 32.1 11.6 51.6  
64 49.0 35.3 75.3

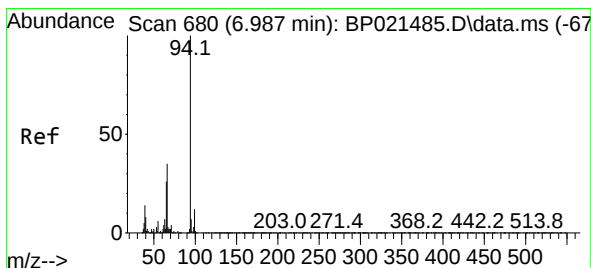
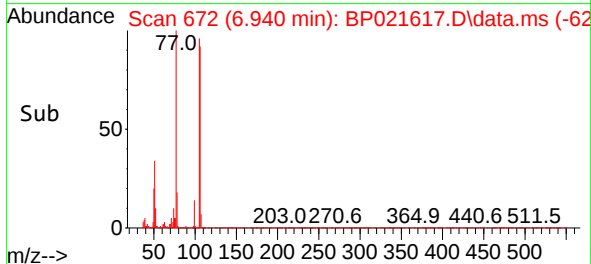
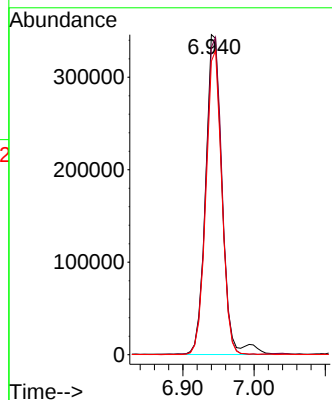
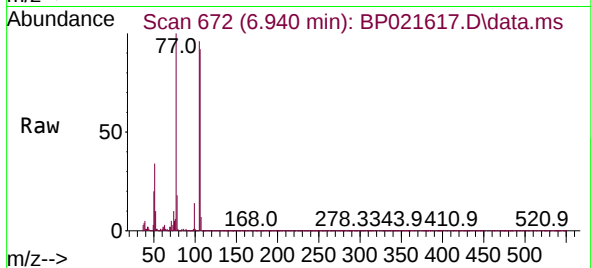




#9  
Benzaldehyde  
Concen: 24.254 ng m  
RT: 6.940 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BP021617.D  
Acq: 22 Aug 2024 17:14

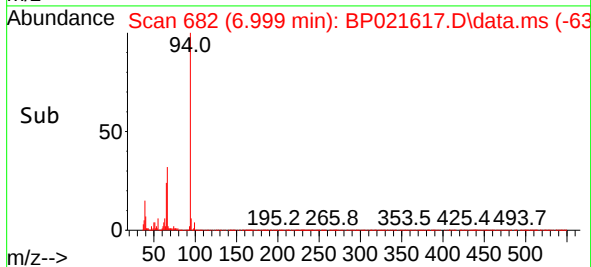
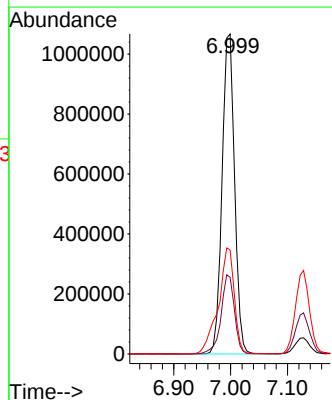
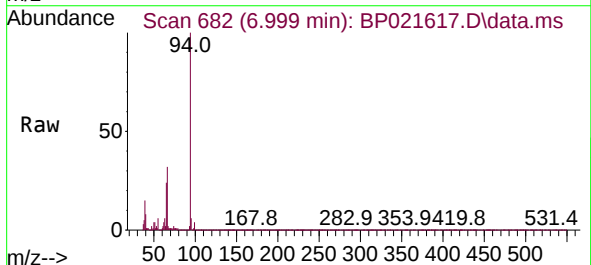
Instrument :  
BNA\_P  
ClientSampleId :  
WC-1MSD

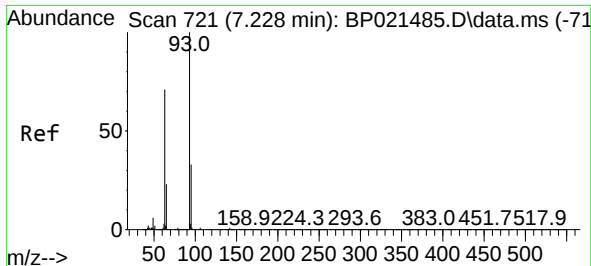
Tgt Ion: 77 Resp: 556267  
Ion Ratio Lower Upper  
77 100  
105 96.1 72.1 112.1  
106 91.7 67.9 107.9



#10  
Phenol  
Concen: 44.145 ng  
RT: 6.999 min Scan# 682  
Delta R.T. 0.006 min  
Lab File: BP021617.D  
Acq: 22 Aug 2024 17:14

Tgt Ion: 94 Resp: 1637461  
Ion Ratio Lower Upper  
94 100  
65 24.0 6.5 46.5  
66 32.5 14.7 54.7

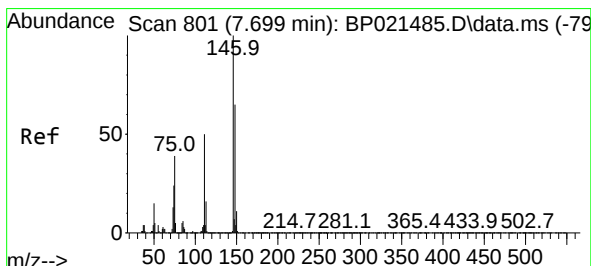
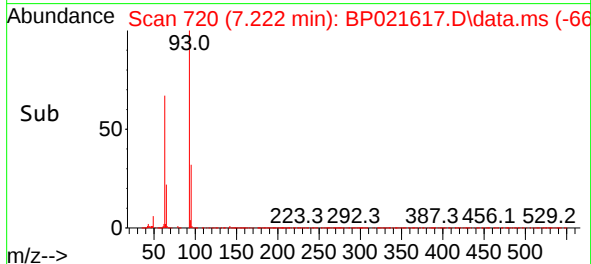
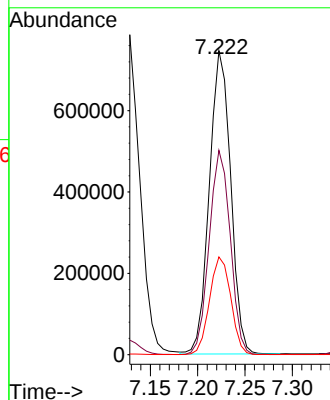
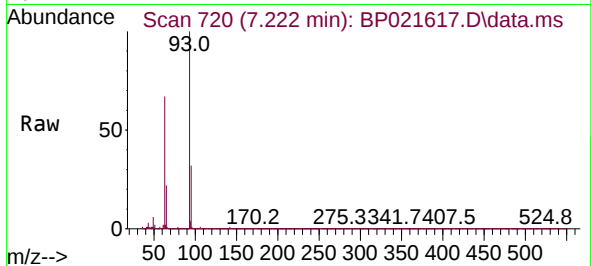




#11  
bis(2-Chloroethyl)ether  
Concen: 37.159 ng  
RT: 7.222 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BP021617.D  
Acq: 22 Aug 2024 17:14

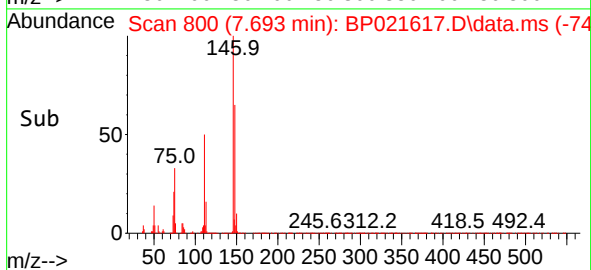
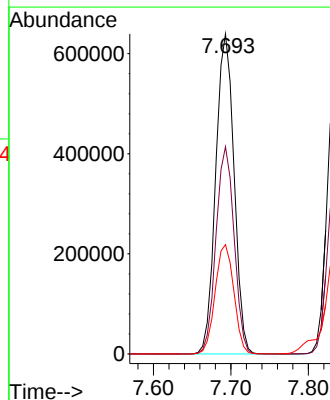
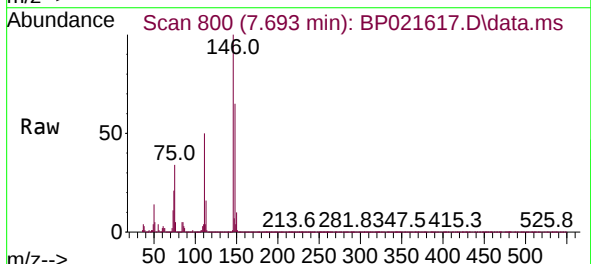
Instrument :  
BNA\_P  
ClientSampleId :  
WC-1MSD

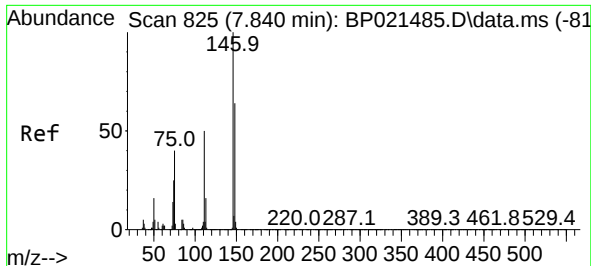
Tgt Ion: 93 Resp: 1166310  
Ion Ratio Lower Upper  
93 100  
63 67.2 51.0 91.0  
95 32.2 12.9 52.9



#12  
1,3-Dichlorobenzene  
Concen: 38.954 ng  
RT: 7.693 min Scan# 800  
Delta R.T. 0.000 min  
Lab File: BP021617.D  
Acq: 22 Aug 2024 17:14

Tgt Ion:146 Resp: 1049988  
Ion Ratio Lower Upper  
146 100  
148 64.7 51.8 77.6  
75 34.2 31.3 46.9

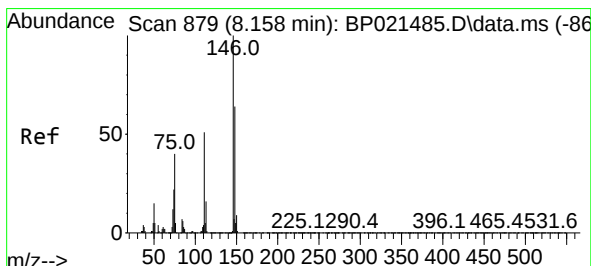
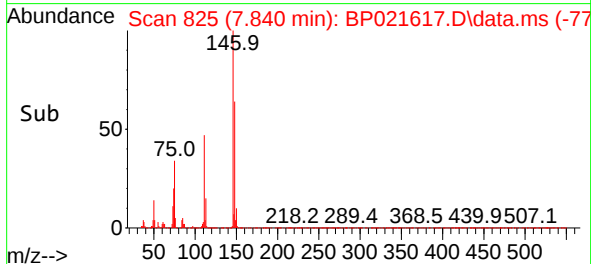
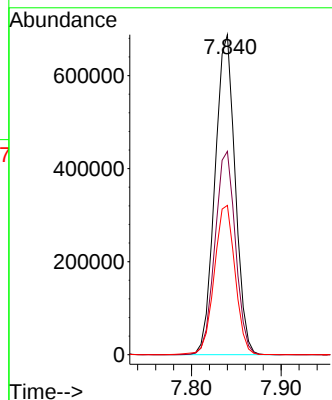
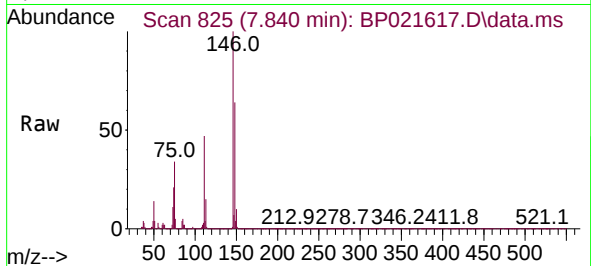




#13  
1,4-Dichlorobenzene  
Concen: 39.519 ng  
RT: 7.840 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: BP021617.D  
Acq: 22 Aug 2024 17:14

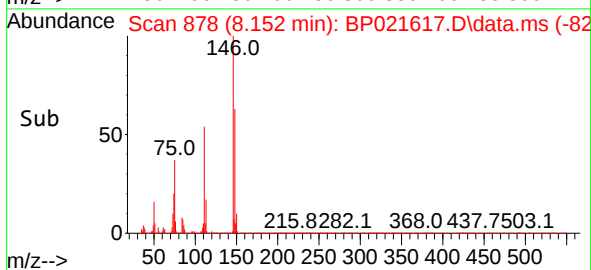
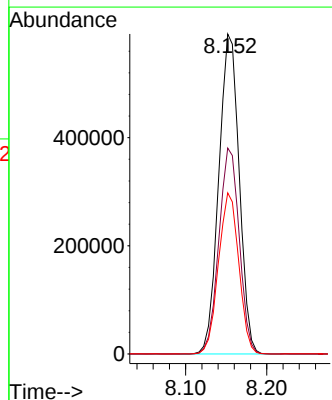
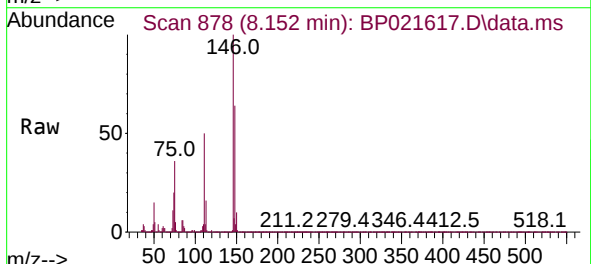
Instrument :  
BNA\_P  
ClientSampleId :  
WC-1MSD

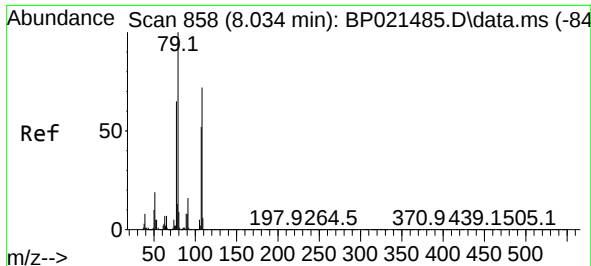
Tgt Ion:146 Resp: 1075614  
Ion Ratio Lower Upper  
146 100  
148 63.6 51.5 77.3  
111 46.7 40.3 60.5



#14  
1,2-Dichlorobenzene  
Concen: 39.425 ng  
RT: 8.152 min Scan# 878  
Delta R.T. 0.000 min  
Lab File: BP021617.D  
Acq: 22 Aug 2024 17:14

Tgt Ion:146 Resp: 1034070  
Ion Ratio Lower Upper  
146 100  
148 64.3 51.5 77.3  
111 50.4 41.1 61.7

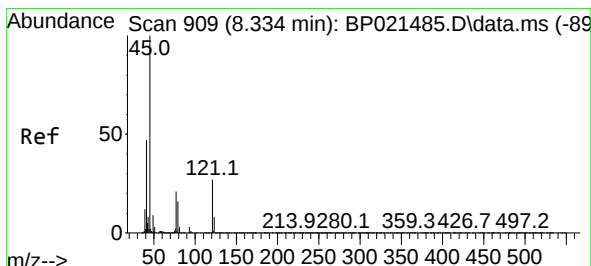
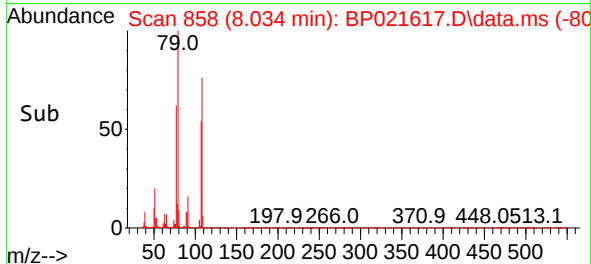
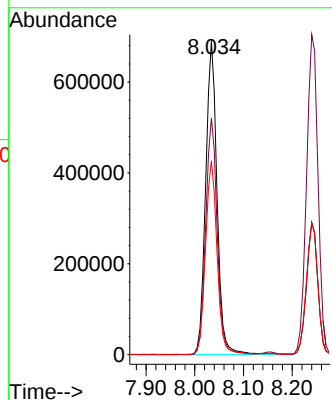
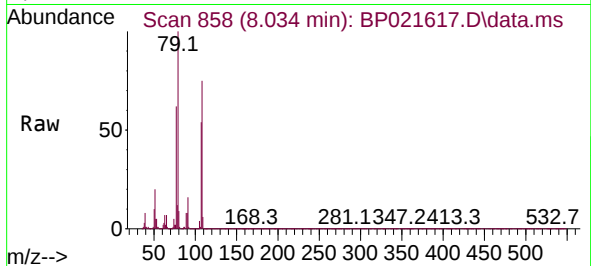




#15  
Benzyl Alcohol  
Concen: 43.235 ng  
RT: 8.034 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BP021617.D  
Acq: 22 Aug 2024 17:14

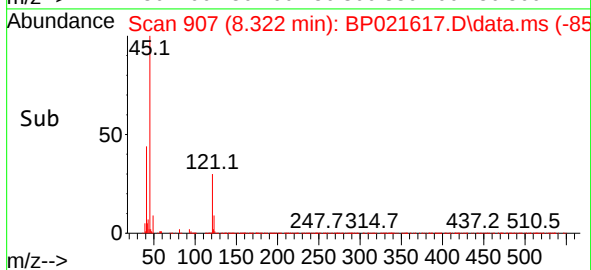
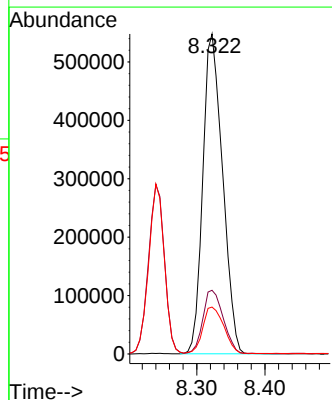
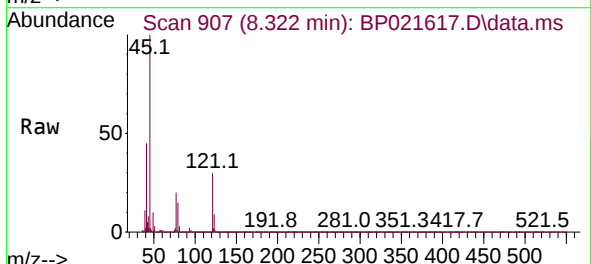
Instrument :  
BNA\_P  
ClientSampleId :  
WC-1MSD

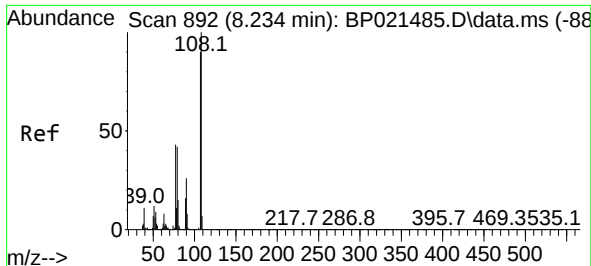
Tgt Ion: 79 Resp: 1111206  
Ion Ratio Lower Upper  
79 100  
108 75.5 57.9 86.9  
77 61.8 51.8 77.8



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 38.266 ng  
RT: 8.322 min Scan# 907  
Delta R.T. 0.000 min  
Lab File: BP021617.D  
Acq: 22 Aug 2024 17:14

Tgt Ion: 45 Resp: 1106062  
Ion Ratio Lower Upper  
45 100  
77 19.9 1.9 41.9  
79 14.6 0.0 36.6



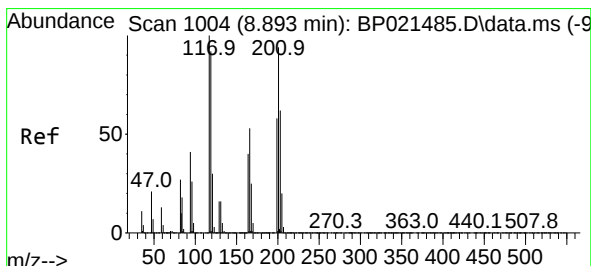
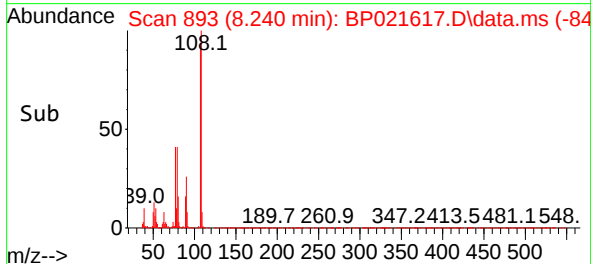
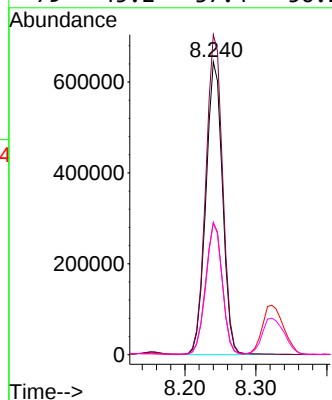
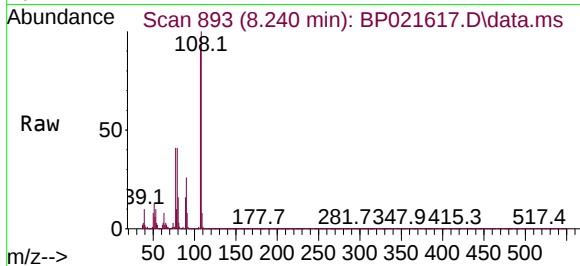


#17  
2-Methylphenol  
Concen: 44.742 ng  
RT: 8.240 min Scan# 892  
Delta R.T. 0.006 min  
Lab File: BP021617.D  
Acq: 22 Aug 2024 17:14

Instrument :  
BNA\_P  
ClientSampleId :  
WC-1MSD

Tgt Ion:107 Resp: 1049192

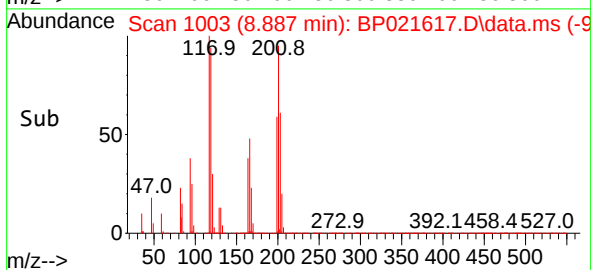
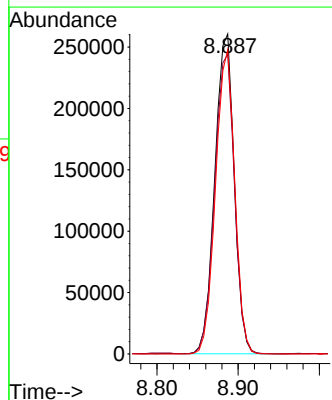
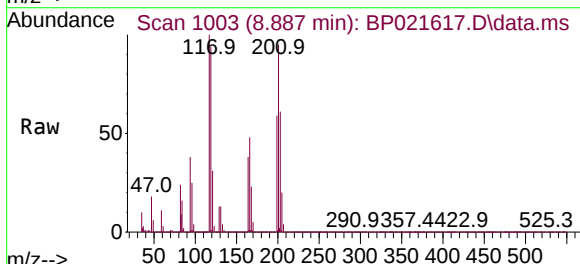
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 109.3 | 88.8  | 133.2 |
| 77  | 45.0  | 38.7  | 58.1  |
| 79  | 45.2  | 37.4  | 56.2  |

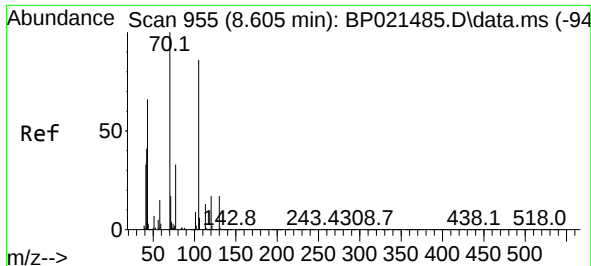


#18  
Hexachloroethane  
Concen: 39.779 ng  
RT: 8.887 min Scan# 1003  
Delta R.T. 0.006 min  
Lab File: BP021617.D  
Acq: 22 Aug 2024 17:14

Tgt Ion:117 Resp: 434162

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 93.6  | 73.9  | 110.9 |
| 201 | 95.1  | 74.9  | 112.3 |

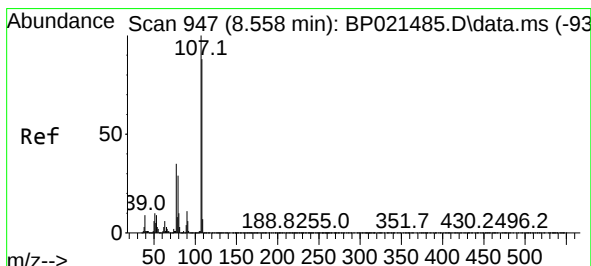
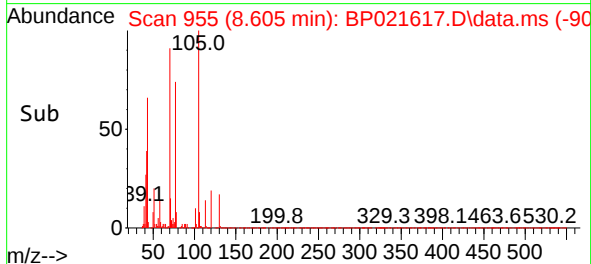
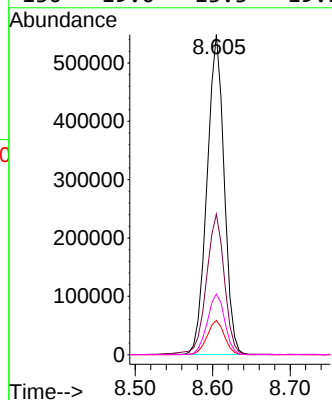
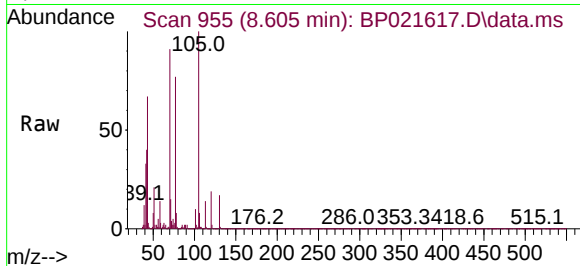




#19  
n-Nitroso-di-n-propylamine  
Concen: 33.980 ng  
RT: 8.605 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: BP021617.D  
Acq: 22 Aug 2024 17:14

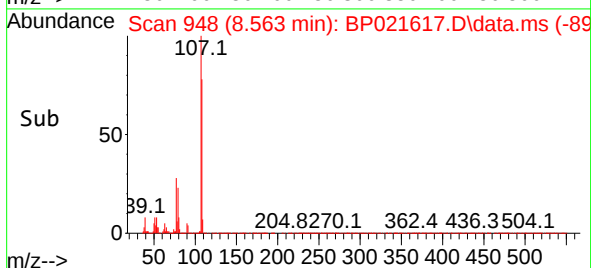
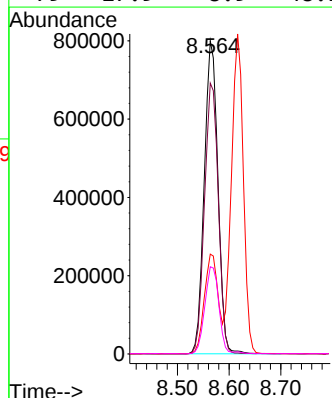
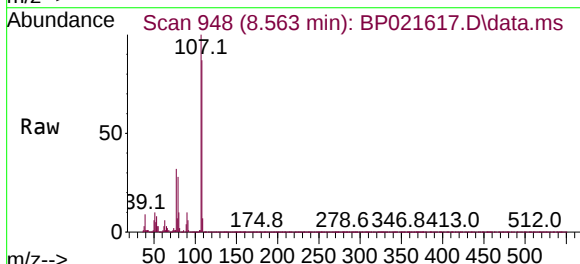
Instrument :  
BNA\_P  
ClientSampleId :  
WC-1MSD

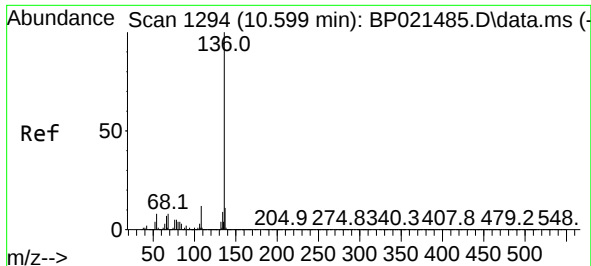
Tgt Ion: 70 Resp: 840792  
Ion Ratio Lower Upper  
70 100  
42 43.9 33.1 49.7  
101 10.7 7.4 11.2  
130 19.0 13.3 19.9



#20  
3+4-Methylphenols  
Concen: 46.419 ng  
RT: 8.563 min Scan# 948  
Delta R.T. 0.006 min  
Lab File: BP021617.D  
Acq: 22 Aug 2024 17:14

Tgt Ion: 107 Resp: 1467750  
Ion Ratio Lower Upper  
107 100  
108 86.5 67.6 107.6  
77 31.9 15.0 55.0  
79 27.9 8.9 48.9

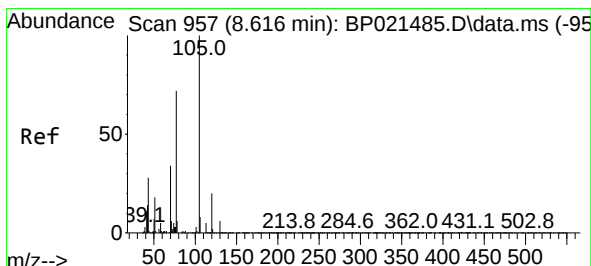
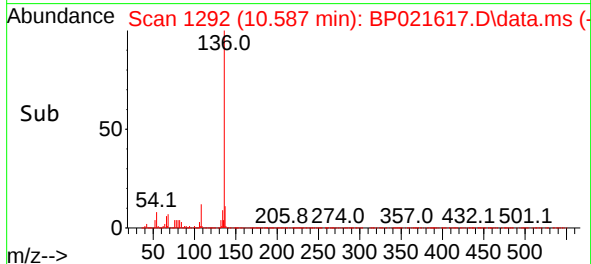
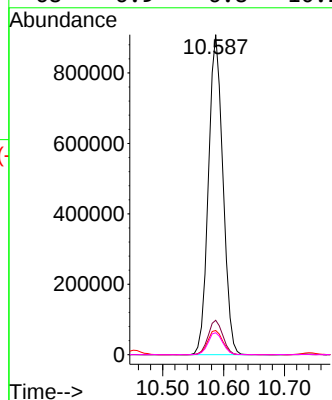
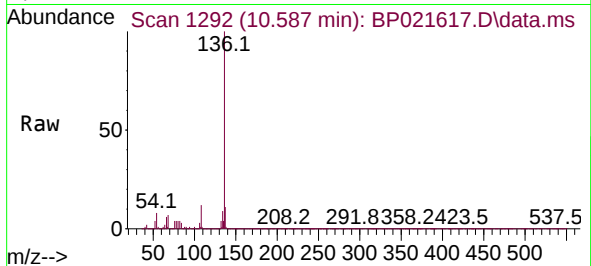




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.587 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BP021617.D  
Acq: 22 Aug 2024 17:14

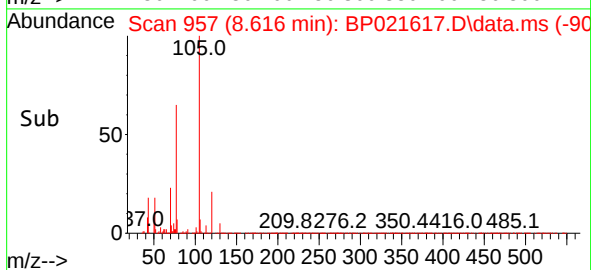
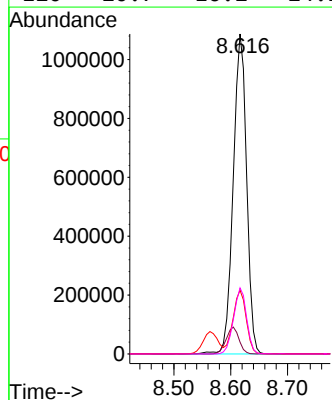
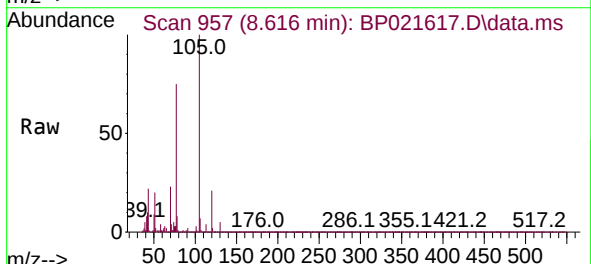
Instrument :  
BNA\_P  
ClientSampleId :  
WC-1MSD

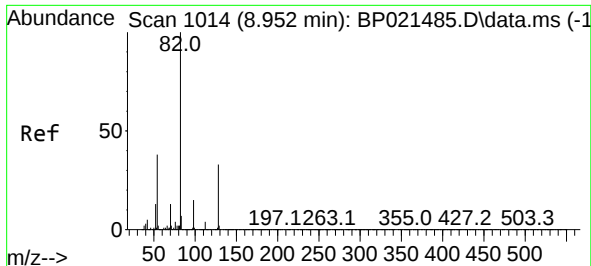
Tgt Ion:136 Resp: 1499801  
Ion Ratio Lower Upper  
136 100  
137 10.7 8.8 13.2  
54 7.6 6.3 9.5  
68 6.9 6.8 10.2



#22  
Acetophenone  
Concen: 38.435 ng  
RT: 8.616 min Scan# 957  
Delta R.T. 0.000 min  
Lab File: BP021617.D  
Acq: 22 Aug 2024 17:14

Tgt Ion:105 Resp: 1770935  
Ion Ratio Lower Upper  
105 100  
71 3.7 4.6 7.0#  
51 19.9 16.3 24.5  
120 20.7 16.2 24.2

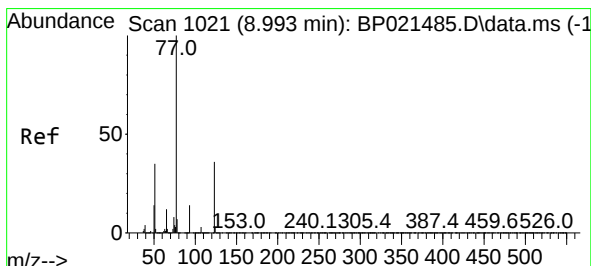
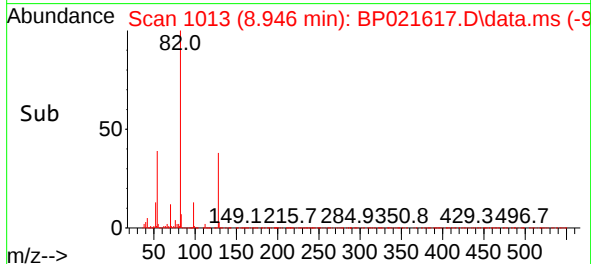
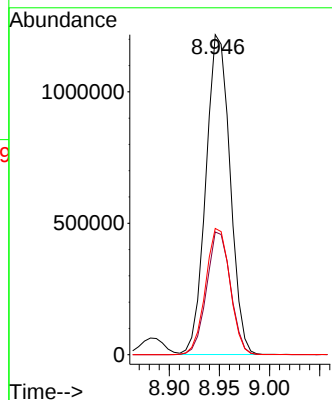
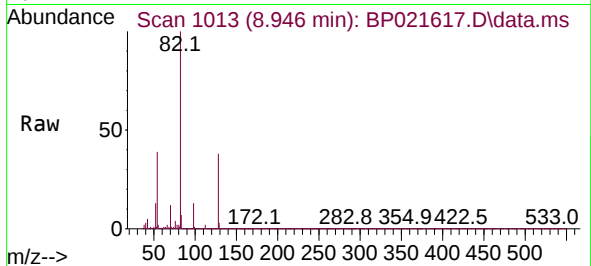




#23  
Nitrobenzene-d5  
Concen: 70.320 ng  
RT: 8.946 min Scan# 1013  
Delta R.T. 0.000 min  
Lab File: BP021617.D  
Acq: 22 Aug 2024 17:14

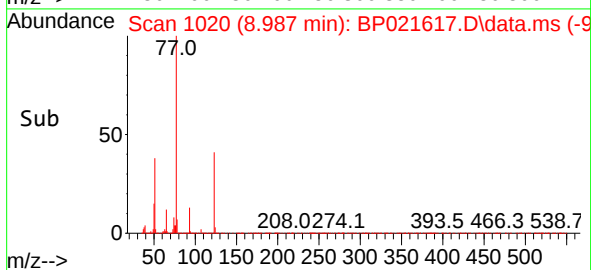
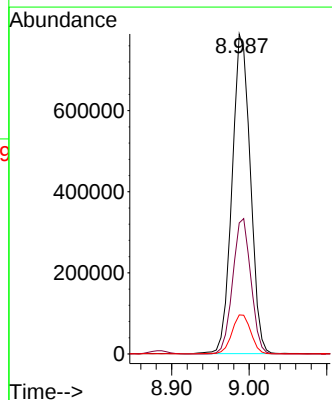
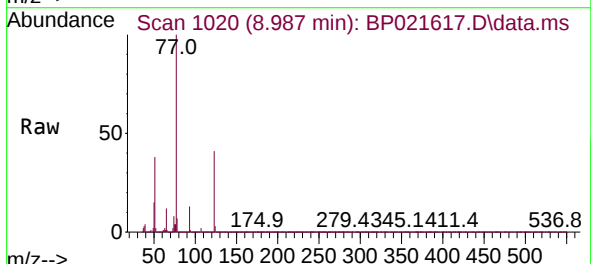
Instrument :  
BNA\_P  
ClientSampleId :  
WC-1MSD

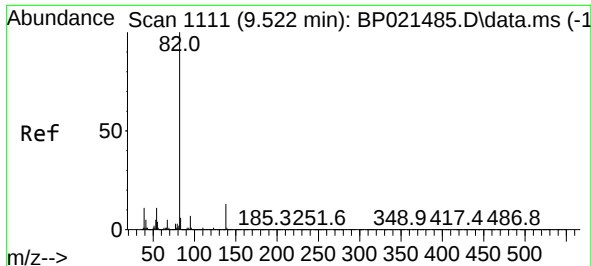
Tgt Ion: 82 Resp: 2043309  
Ion Ratio Lower Upper  
82 100  
128 38.4 26.5 39.7  
54 39.5 30.3 45.5



#24  
Nitrobenzene  
Concen: 40.995 ng  
RT: 8.987 min Scan# 1020  
Delta R.T. 0.000 min  
Lab File: BP021617.D  
Acq: 22 Aug 2024 17:14

Tgt Ion: 77 Resp: 1293774  
Ion Ratio Lower Upper  
77 100  
123 41.0 29.5 44.3  
65 12.2 9.9 14.9

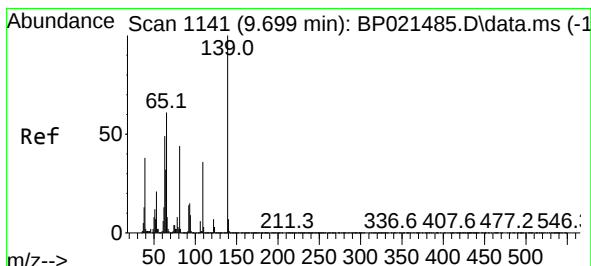
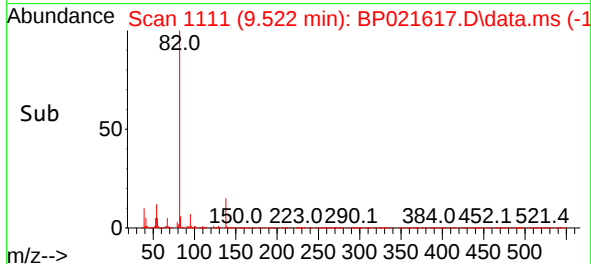
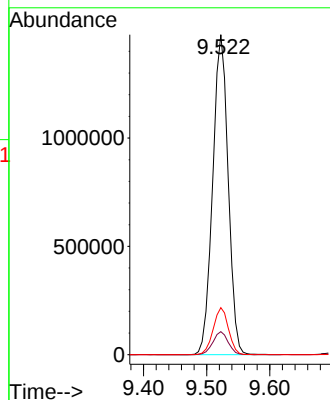
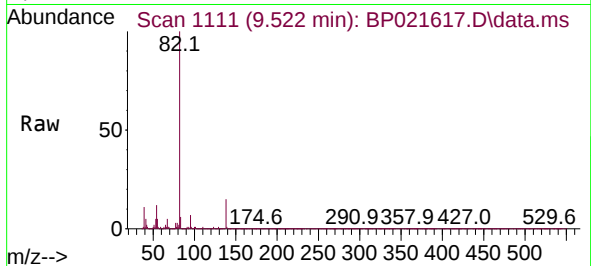




#25  
Isophorone  
Concen: 36.568 ng  
RT: 9.522 min Scan# 1111  
Delta R.T. 0.006 min  
Lab File: BP021617.D  
Acq: 22 Aug 2024 17:14

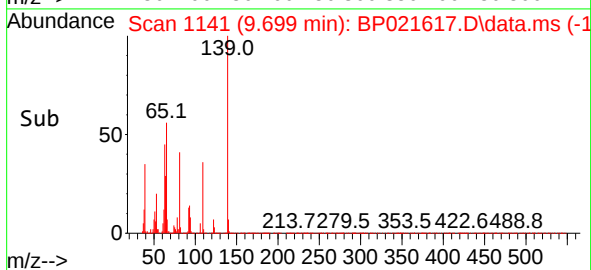
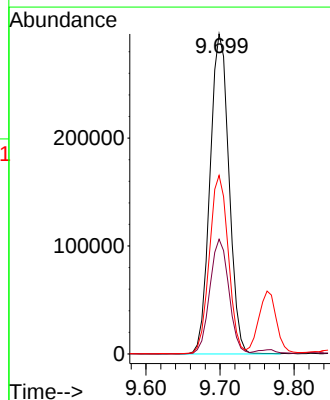
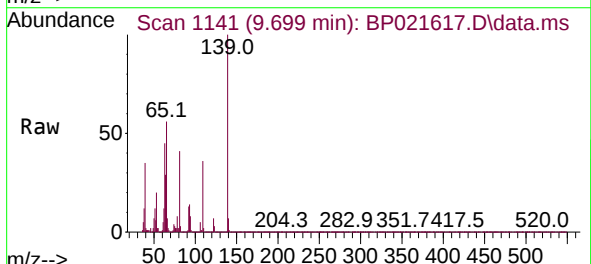
Instrument :  
BNA\_P  
ClientSampleId :  
WC-1MSD

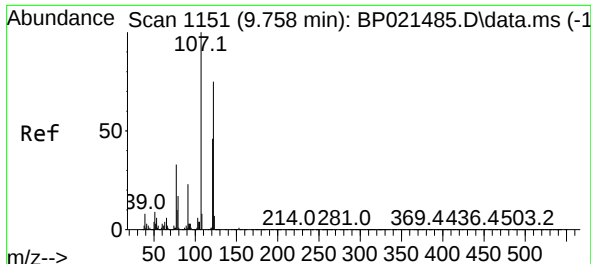
Tgt Ion: 82 Resp: 2510231  
Ion Ratio Lower Upper  
82 100  
95 7.2 5.4 8.2  
138 14.7 10.6 16.0



#26  
2-Nitrophenol  
Concen: 59.172 ng  
RT: 9.699 min Scan# 1141  
Delta R.T. 0.000 min  
Lab File: BP021617.D  
Acq: 22 Aug 2024 17:14

Tgt Ion:139 Resp: 527043  
Ion Ratio Lower Upper  
139 100  
109 35.9 28.9 43.3  
65 55.8 49.0 73.6

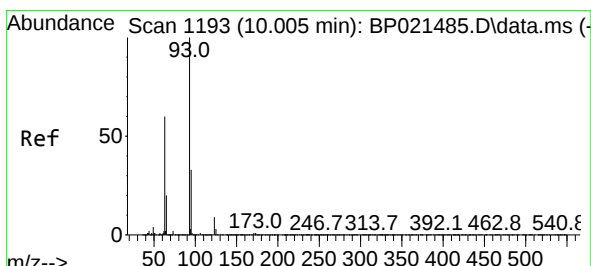
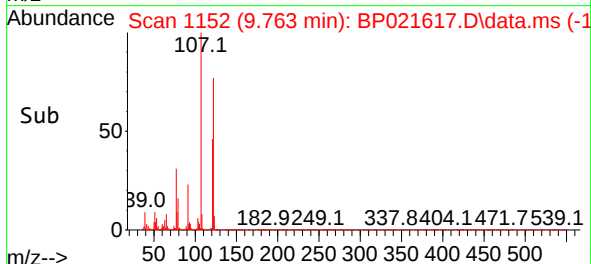
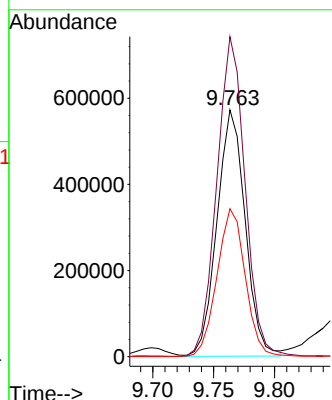
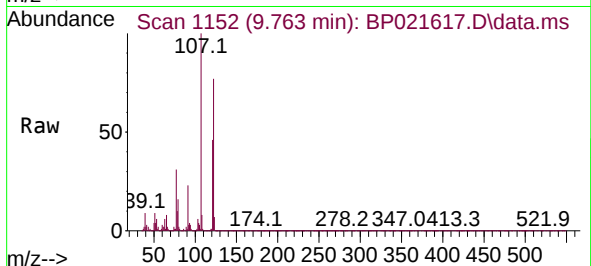




#27  
2,4-Dimethylphenol  
Concen: 54.411 ng  
RT: 9.763 min Scan# 1151  
Delta R.T. 0.000 min  
Lab File: BP021617.D  
Acq: 22 Aug 2024 17:14

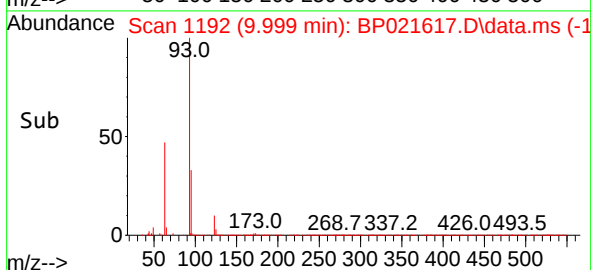
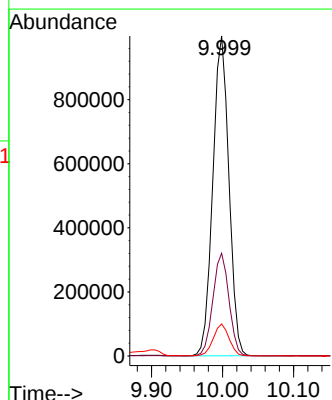
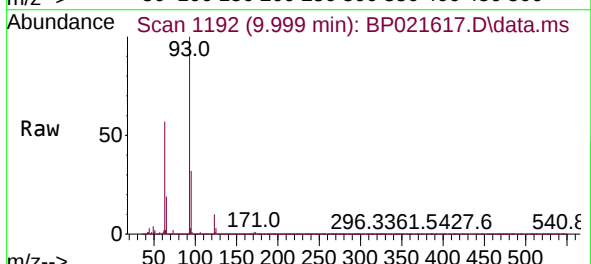
Instrument :  
BNA\_P  
ClientSampleId :  
WC-1MSD

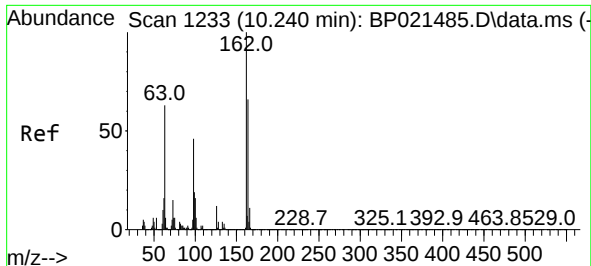
Tgt Ion:122 Resp: 921784  
Ion Ratio Lower Upper  
122 100  
107 129.7 106.2 159.4  
121 60.0 48.8 73.2



#28  
bis(2-Chloroethoxy)methane  
Concen: 37.471 ng  
RT: 9.999 min Scan# 1192  
Delta R.T. 0.006 min  
Lab File: BP021617.D  
Acq: 22 Aug 2024 17:14

Tgt Ion: 93 Resp: 1570138  
Ion Ratio Lower Upper  
93 100  
95 32.1 26.2 39.4  
123 10.0 7.6 11.4





#29

2,4-Dichlorophenol

Concen: 50.688 ng

RT: 10.234 min Scan# 1232

Delta R.T. 0.000 min

Lab File: BP021617.D

Acq: 22 Aug 2024 17:14

Instrument :

BNA\_P

ClientSampleId :

WC-1MSD

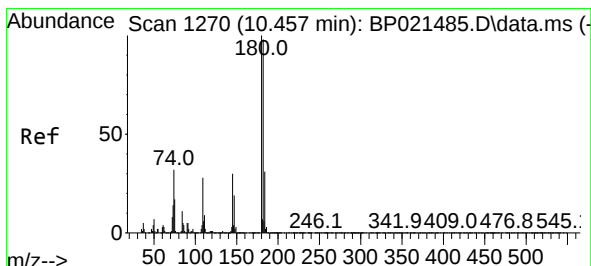
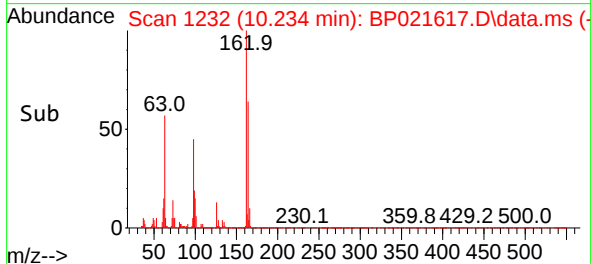
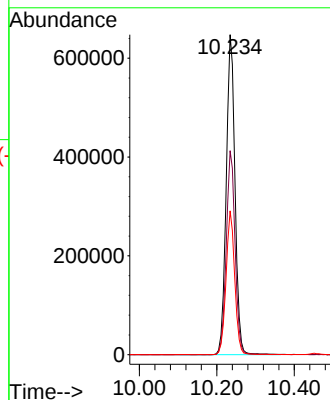
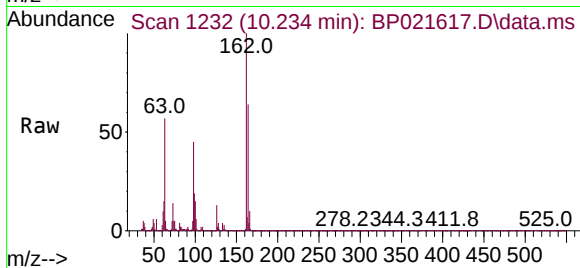
Tgt Ion:162 Resp: 1014586

Ion Ratio Lower Upper

162 100

164 63.7 45.9 85.9

98 45.0 26.3 66.3



#30

1,2,4-Trichlorobenzene

Concen: 38.616 ng

RT: 10.452 min Scan# 1269

Delta R.T. 0.000 min

Lab File: BP021617.D

Acq: 22 Aug 2024 17:14

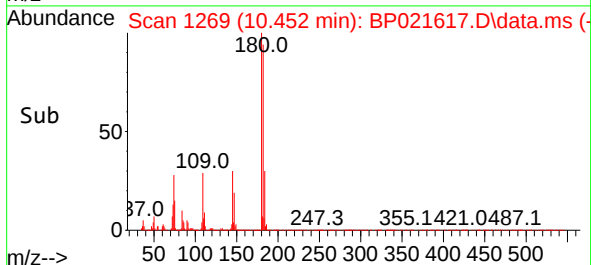
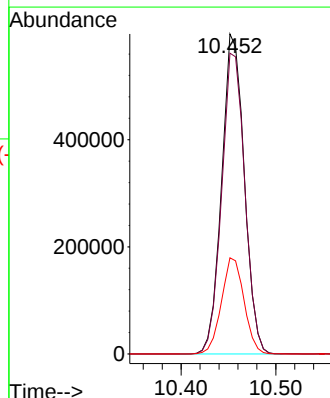
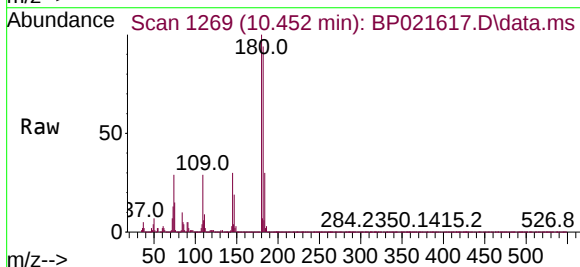
Tgt Ion:180 Resp: 990965

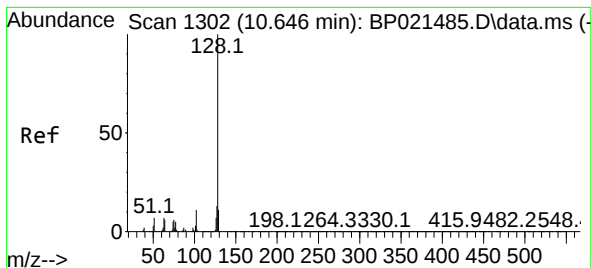
Ion Ratio Lower Upper

180 100

182 94.0 78.3 117.5

145 30.1 24.0 36.0





#31

Naphthalene

Concen: 40.611 ng

RT: 10.640 min Scan# 1176

Delta R.T. 0.000 min

Lab File: BP021617.D

Acq: 22 Aug 2024 17:14

Instrument :

BNA\_P

ClientSampleId :

WC-1MSD

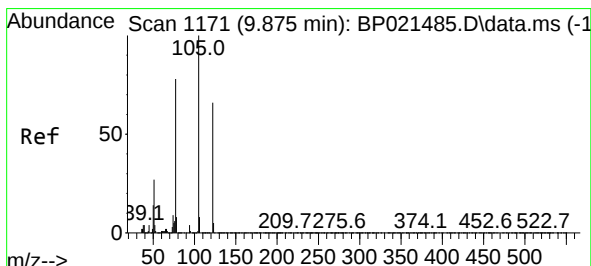
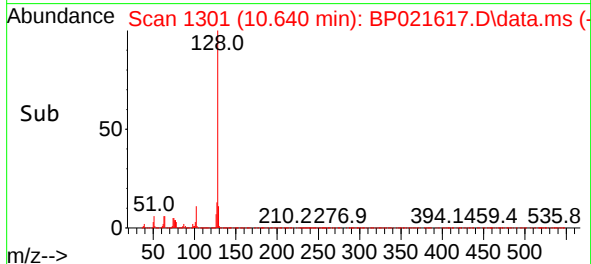
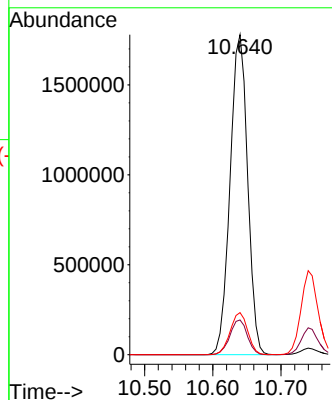
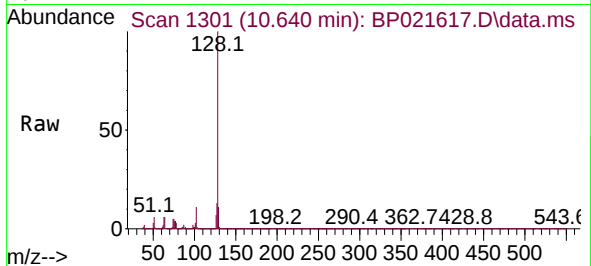
Tgt Ion:128 Resp: 3181835

Ion Ratio Lower Upper

128 100

129 10.8 8.6 12.8

127 13.2 10.6 15.8



#32

Benzoic acid

Concen: 63.284 ng

RT: 9.905 min Scan# 1176

Delta R.T. 0.012 min

Lab File: BP021617.D

Acq: 22 Aug 2024 17:14

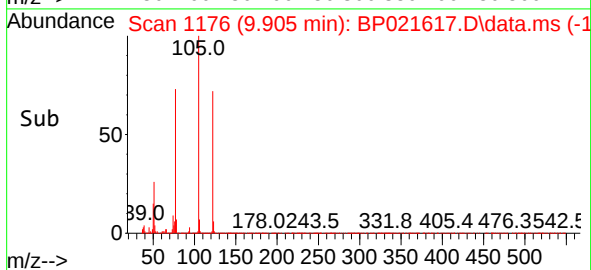
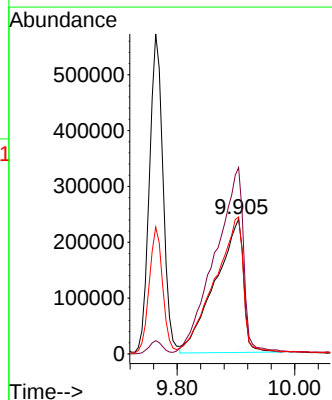
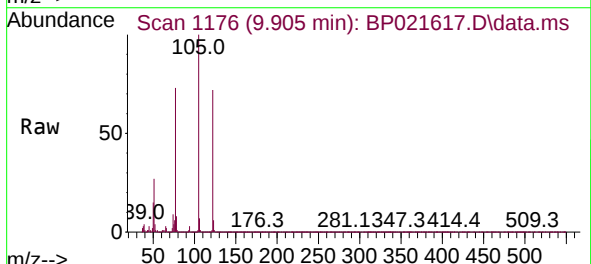
Tgt Ion:122 Resp: 794683

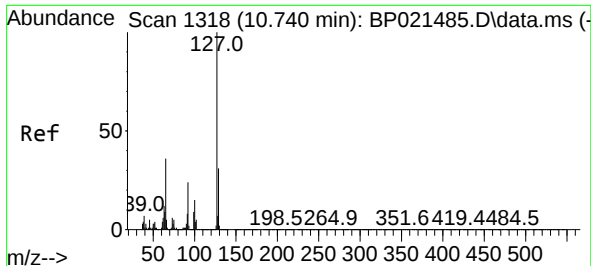
Ion Ratio Lower Upper

122 100

105 138.3 124.6 164.6

77 101.6 96.2 136.2

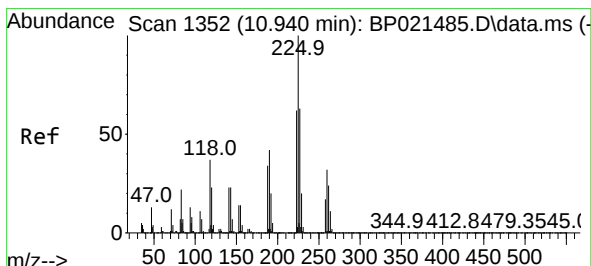
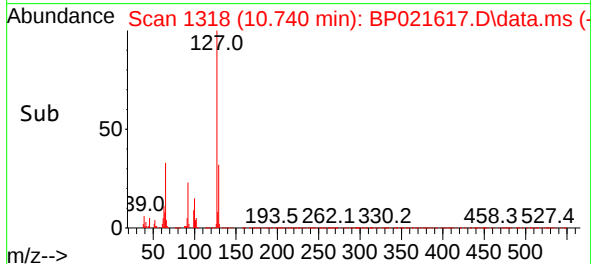
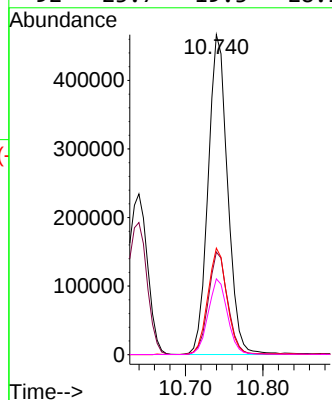
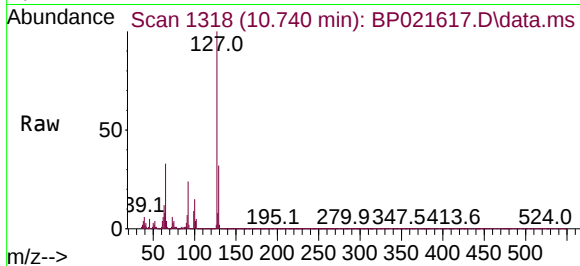




#33  
4-Chloroaniline  
Concen: 27.681 ng  
RT: 10.740 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BP021617.D  
Acq: 22 Aug 2024 17:14

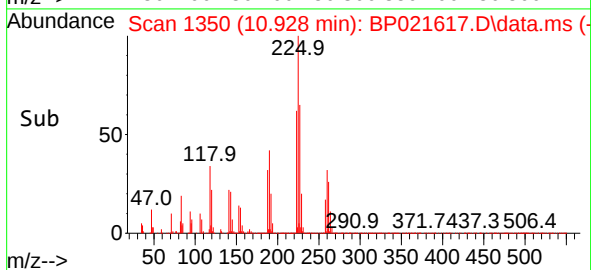
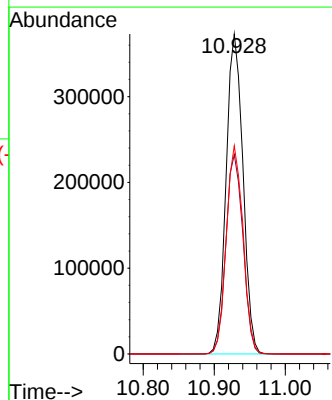
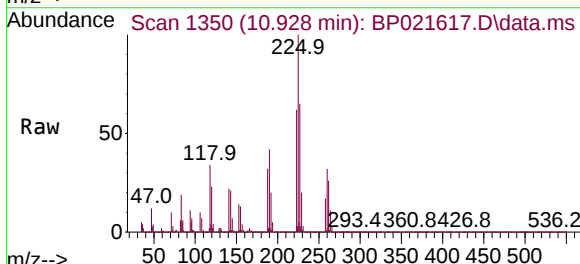
Instrument :  
BNA\_P  
ClientSampleId :  
WC-1MSD

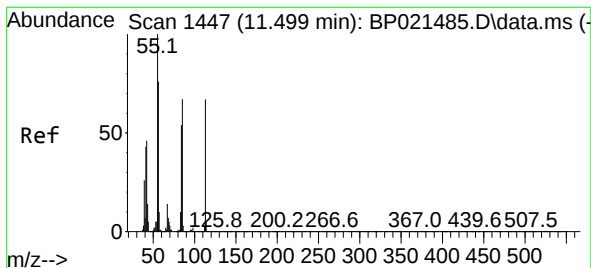
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 814669 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.1  | 24.5  | 36.7   |
| 65       | 33.3  | 28.9  | 43.3   |
| 92       | 23.7  | 19.3  | 28.9   |



#34  
Hexachlorobutadiene  
Concen: 37.826 ng  
RT: 10.928 min Scan# 1350  
Delta R.T. 0.000 min  
Lab File: BP021617.D  
Acq: 22 Aug 2024 17:14

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 611185 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.3  | 49.6  | 74.4   |
| 227      | 65.0  | 50.1  | 75.1   |





#35

Caprolactam

Concen: 47.833 ng

RT: 11.516 min Scan# 1447

Delta R.T. -0.006 min

Lab File: BP021617.D

Acq: 22 Aug 2024 17:14

Instrument :

BNA\_P

ClientSampleId :

WC-1MSD

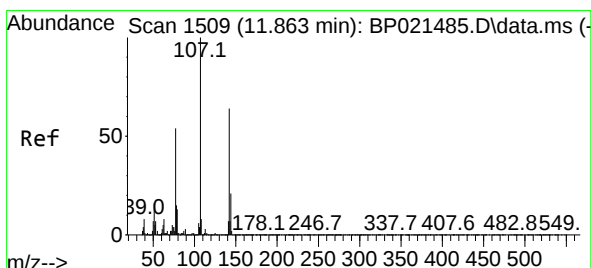
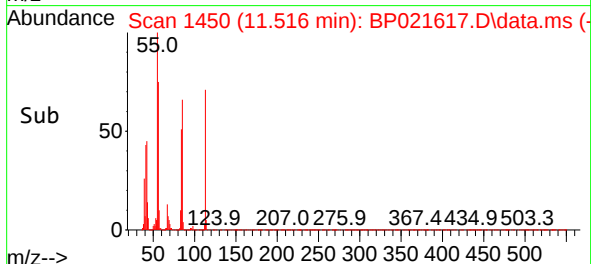
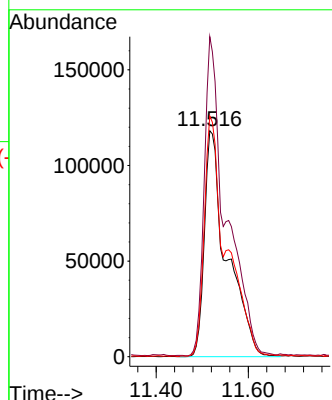
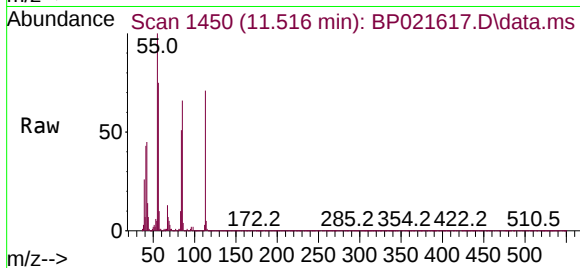
Tgt Ion:113 Resp: 398520

Ion Ratio Lower Upper

113 100

55 141.6 130.6 170.6

56 106.5 94.6 134.6



#36

4-Chloro-3-methylphenol

Concen: 47.332 ng

RT: 11.869 min Scan# 1510

Delta R.T. 0.006 min

Lab File: BP021617.D

Acq: 22 Aug 2024 17:14

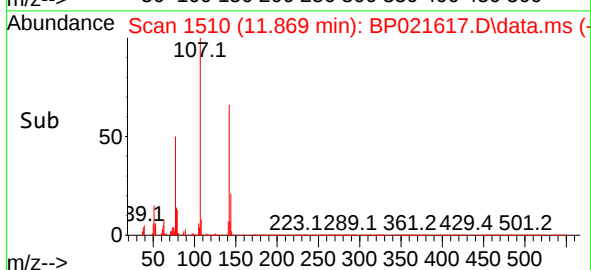
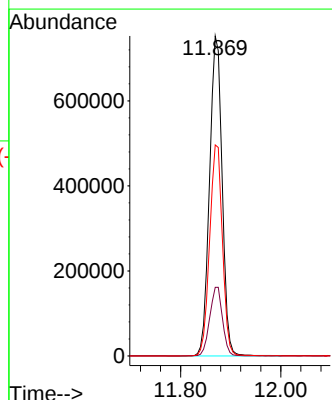
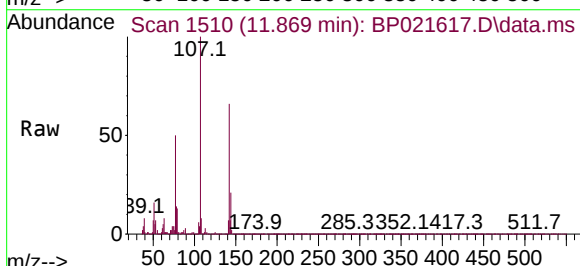
Tgt Ion:107 Resp: 1314229

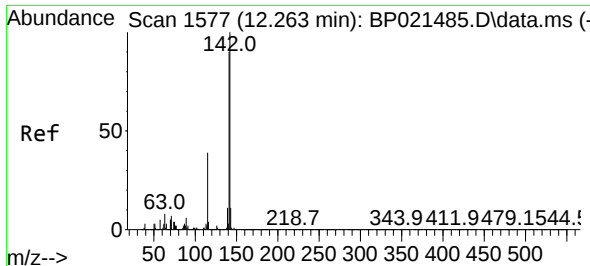
Ion Ratio Lower Upper

107 100

144 21.5 16.6 24.8

142 66.0 51.0 76.4

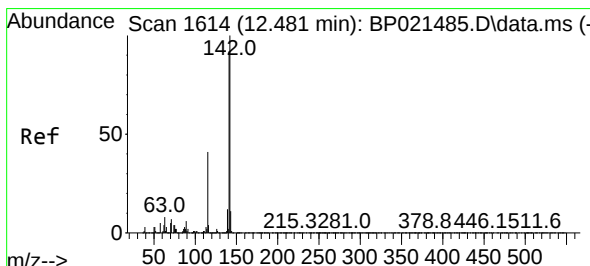
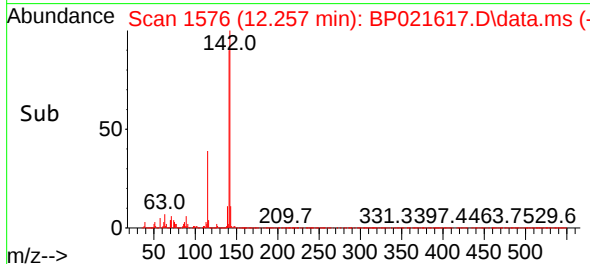
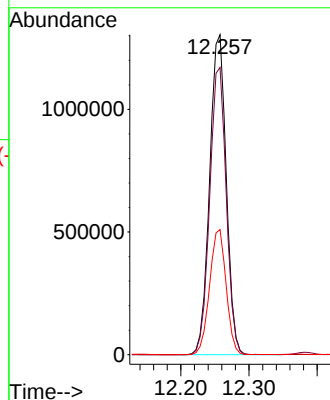
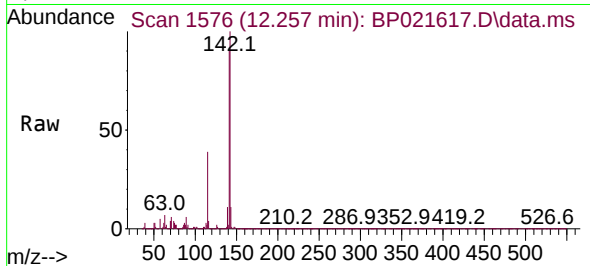




#37  
2-Methylnaphthalene  
Concen: 41.286 ng  
RT: 12.257 min Scan# 1576  
Delta R.T. 0.006 min  
Lab File: BP021617.D  
Acq: 22 Aug 2024 17:14

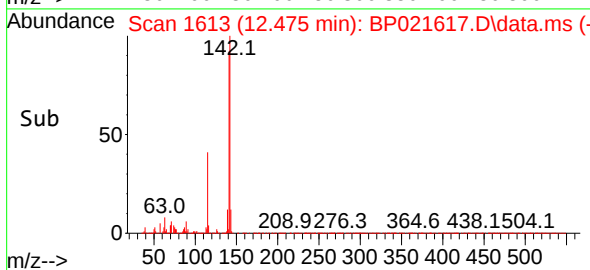
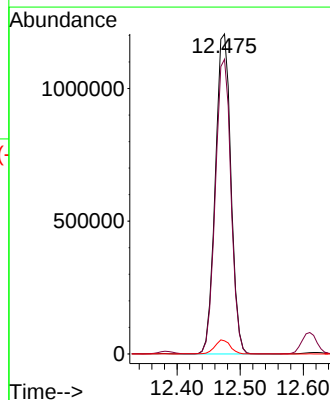
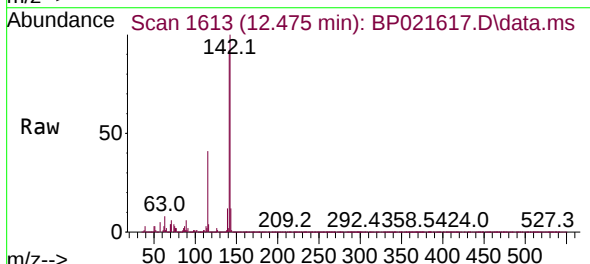
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BNA\_P  
ClientSampleId :  
WC-1MSD

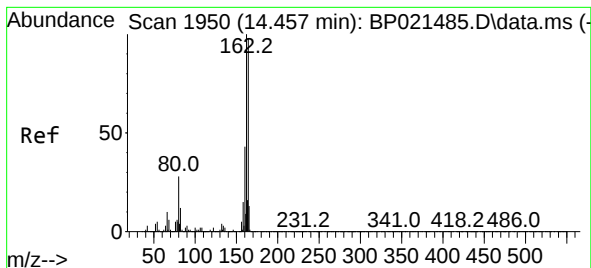
Tgt Ion:142 Resp: 2207725  
Ion Ratio Lower Upper  
142 100  
141 89.8 71.7 107.5  
115 39.1 31.4 47.2



#38  
1-Methylnaphthalene  
Concen: 39.093 ng  
RT: 12.475 min Scan# 1613  
Delta R.T. 0.006 min  
Lab File: BP021617.D  
Acq: 22 Aug 2024 17:14

Tgt Ion:142 Resp: 2061717  
Ion Ratio Lower Upper  
142 100  
141 92.1 73.5 110.3  
116 4.1 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.457 min Scan# 1950

Delta R.T. 0.012 min

Lab File: BP021617.D

Acq: 22 Aug 2024 17:14

Instrument :

BNA\_P

ClientSampleId :

WC-1MSD

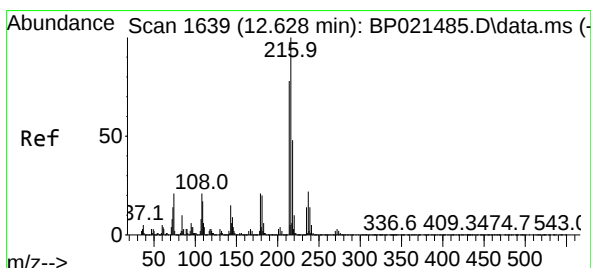
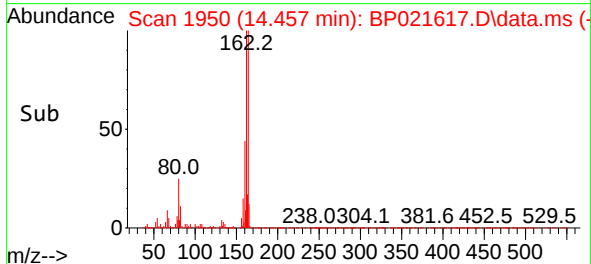
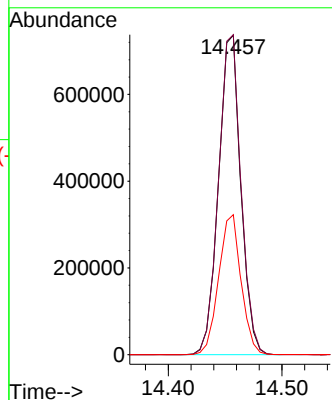
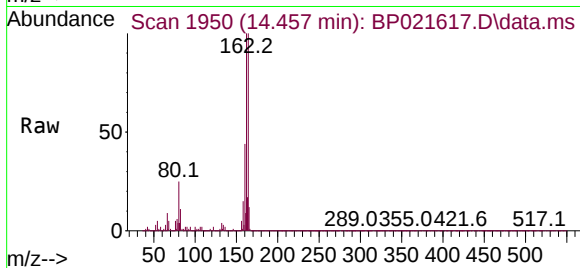
Tgt Ion:164 Resp: 1003444

Ion Ratio Lower Upper

164 100

162 100.1 81.5 122.3

160 43.8 35.2 52.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.984 ng

RT: 12.628 min Scan# 1639

Delta R.T. 0.006 min

Lab File: BP021617.D

Acq: 22 Aug 2024 17:14

Tgt Ion:216 Resp: 1175564

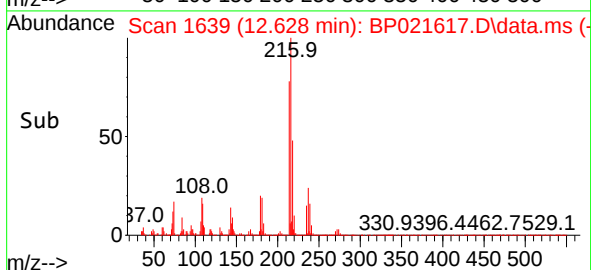
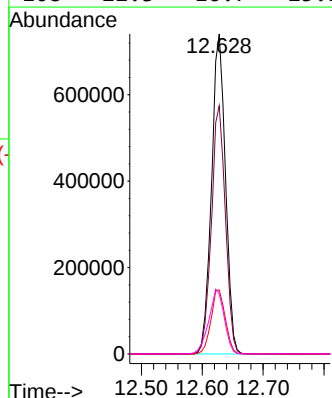
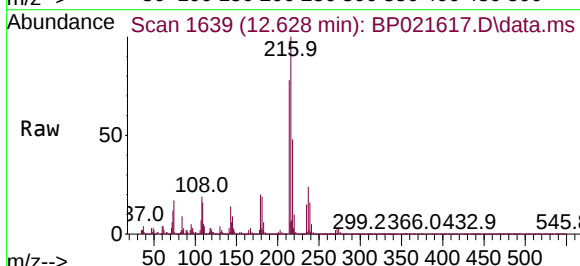
Ion Ratio Lower Upper

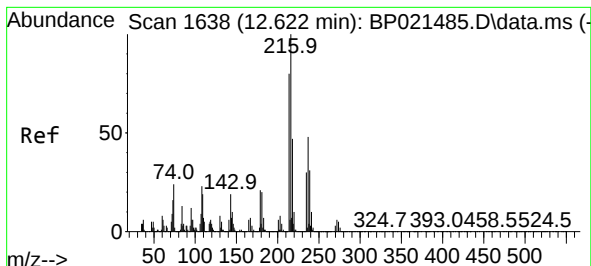
216 100

214 77.9 62.5 93.7

179 20.7 16.4 24.6

108 22.3 16.7 25.1





#41

Hexachlorocyclopentadiene

Concen: 124.527 ng

RT: 12.610 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP021617.D

Acq: 22 Aug 2024 17:14

Instrument :

BNA\_P

ClientSampleId :

WC-1MSD

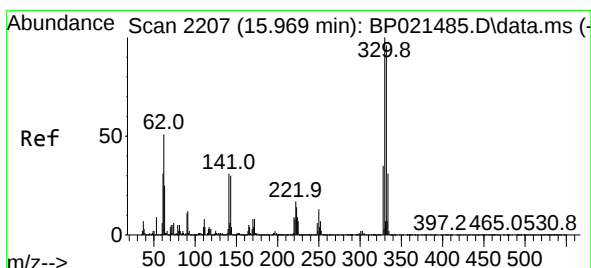
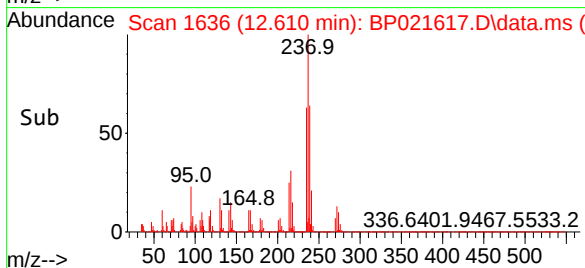
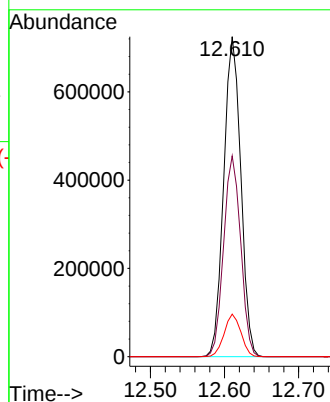
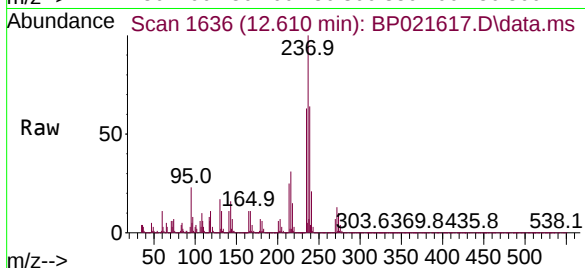
Tgt Ion:237 Resp: 1160377

Ion Ratio Lower Upper

237 100

235 62.8 43.9 83.9

272 13.3 0.0 33.3



#42

2,4,6-Tribromophenol

Concen: 114.235 ng

RT: 15.969 min Scan# 2207

Delta R.T. 0.012 min

Lab File: BP021617.D

Acq: 22 Aug 2024 17:14

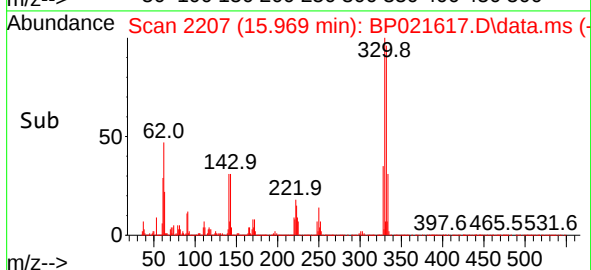
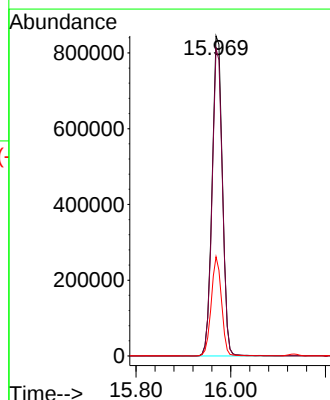
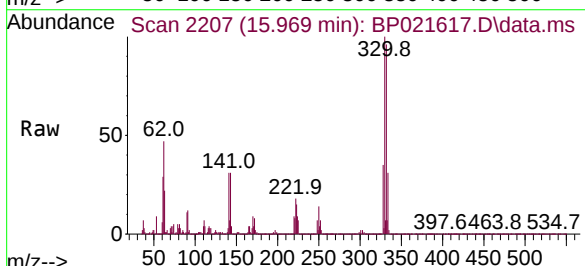
Tgt Ion:330 Resp: 1275770

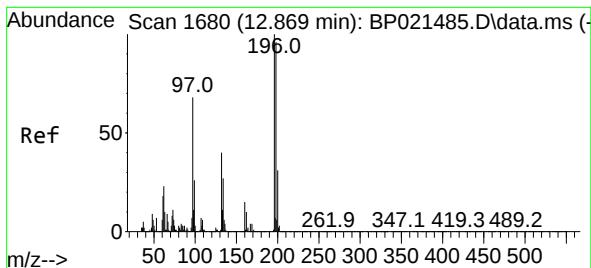
Ion Ratio Lower Upper

330 100

332 96.3 77.4 116.0

141 30.7 24.5 36.7





#43

2,4,6-Trichlorophenol

Concen: 50.824 ng

RT: 12.863 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP021617.D

Acq: 22 Aug 2024 17:14

Instrument :

BNA\_P

ClientSampleId :

WC-1MSD

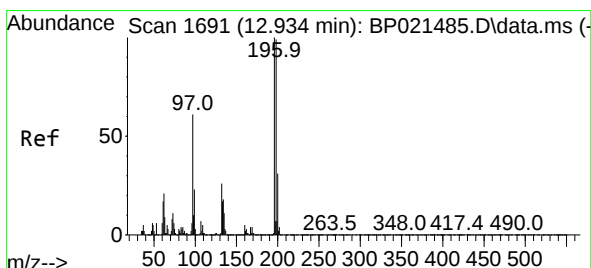
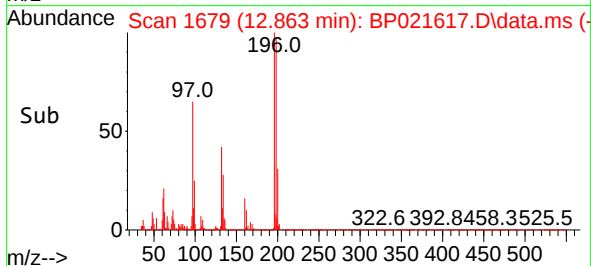
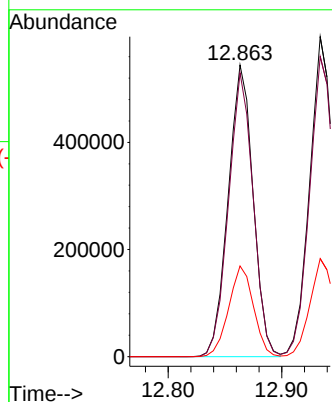
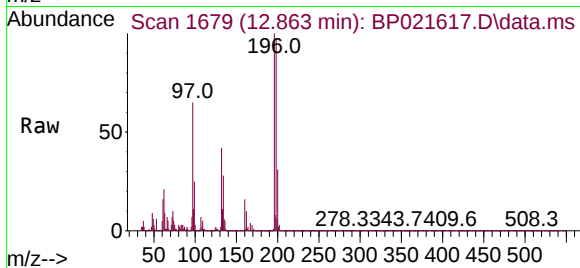
Tgt Ion:196 Resp: 830047

Ion Ratio Lower Upper

196 100

198 97.3 76.6 114.8

200 31.1 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 50.117 ng

RT: 12.934 min Scan# 1691

Delta R.T. 0.006 min

Lab File: BP021617.D

Acq: 22 Aug 2024 17:14

Tgt Ion:196 Resp: 909399

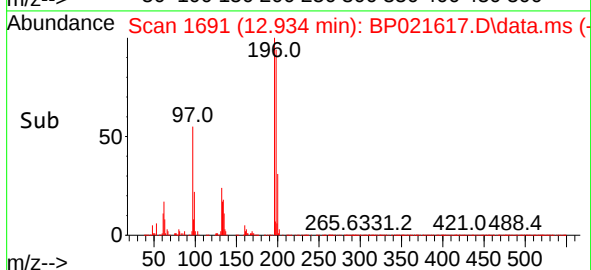
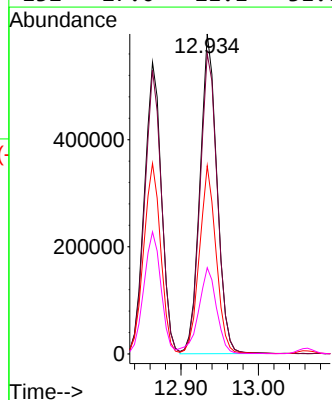
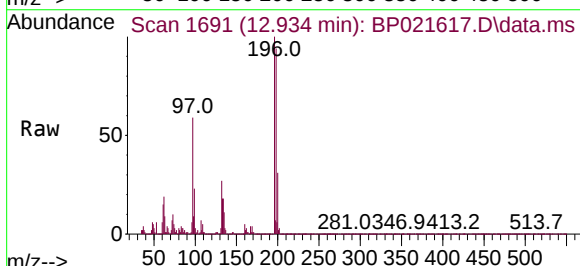
Ion Ratio Lower Upper

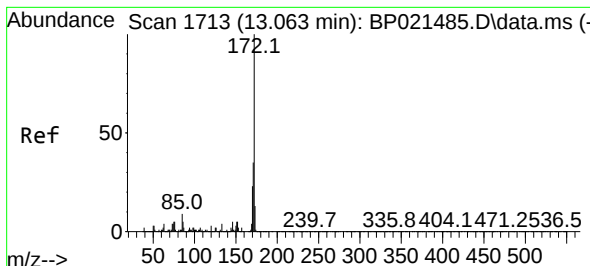
196 100

198 93.8 78.9 118.3

97 58.8 49.4 74.0

132 27.0 21.1 31.7





#45

2-Fluorobiphenyl

Concen: 51.044 ng

RT: 13.063 min Scan# 1713

Delta R.T. 0.012 min

Lab File: BP021617.D

Acq: 22 Aug 2024 17:14

Instrument :

BNA\_P

ClientSampleId :

WC-1MSD

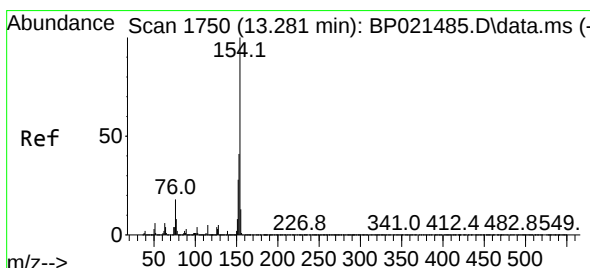
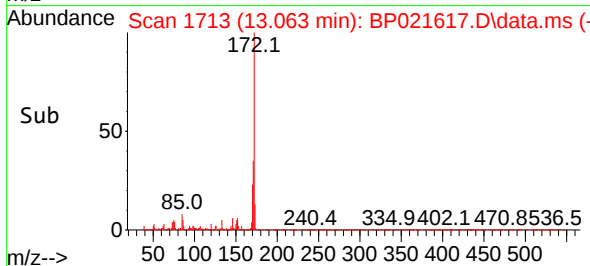
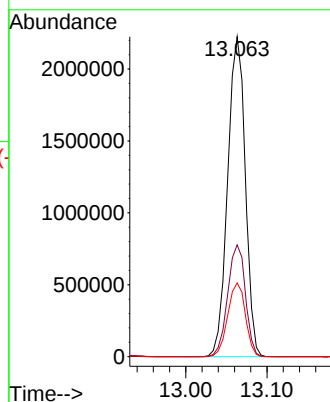
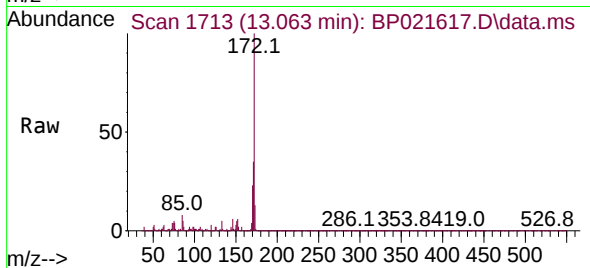
Tgt Ion:172 Resp: 3356140

Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.4

170 23.0 18.4 27.6



#46

1,1'-Biphenyl

Concen: 40.194 ng

RT: 13.269 min Scan# 1748

Delta R.T. 0.000 min

Lab File: BP021617.D

Acq: 22 Aug 2024 17:14

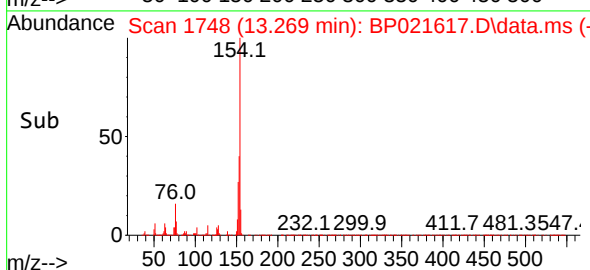
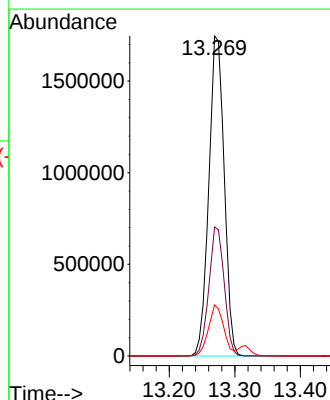
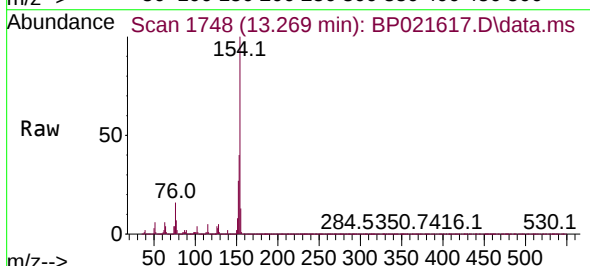
Tgt Ion:154 Resp: 2853589

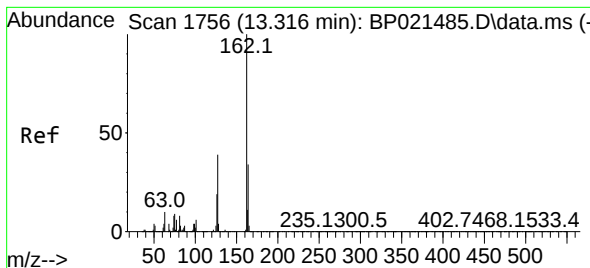
Ion Ratio Lower Upper

154 100

153 40.3 20.7 60.7

76 16.0 0.0 37.7

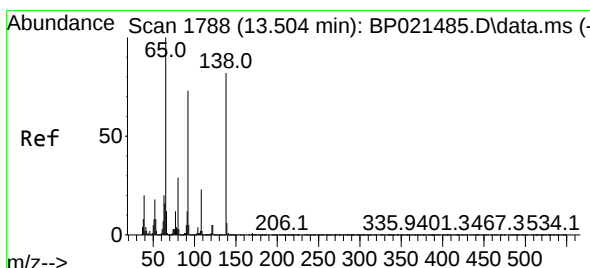
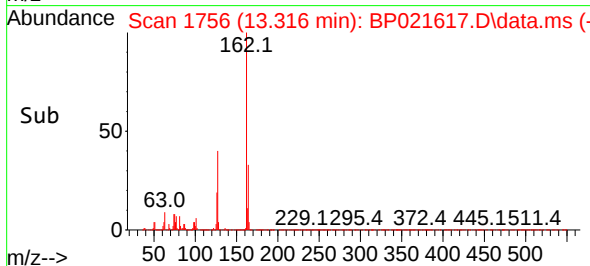
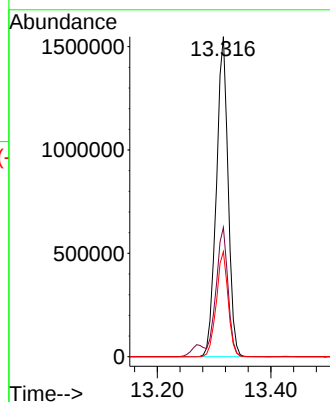
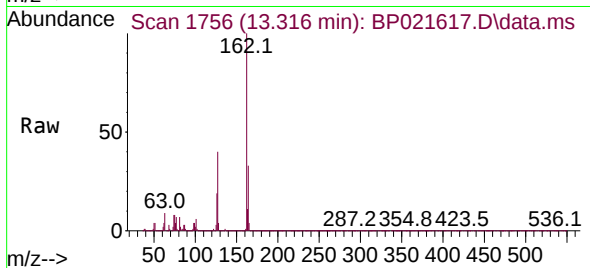




#47  
2-Chloronaphthalene  
Concen: 40.123 ng  
RT: 13.316 min Scan# 1756  
Delta R.T. 0.012 min  
Lab File: BP021617.D  
Acq: 22 Aug 2024 17:14

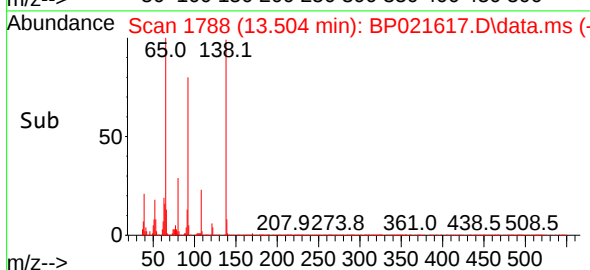
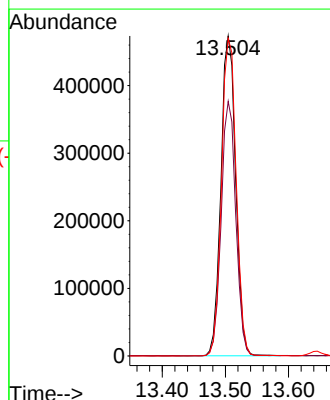
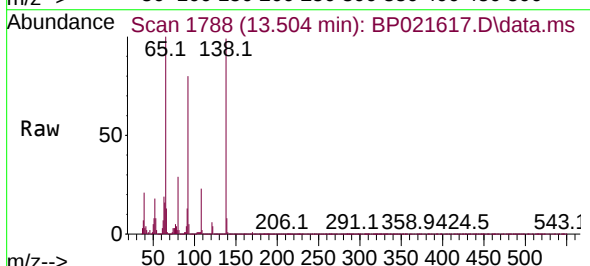
Instrument :  
BNA\_P  
ClientSampleId :  
WC-1MSD

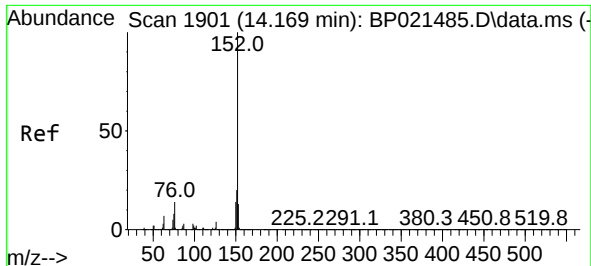
Tgt Ion:162 Resp: 2217687  
Ion Ratio Lower Upper  
162 100  
127 40.4 31.9 47.9  
164 32.8 26.8 40.2



#48  
2-Nitroaniline  
Concen: 49.468 ng  
RT: 13.504 min Scan# 1788  
Delta R.T. 0.000 min  
Lab File: BP021617.D  
Acq: 22 Aug 2024 17:14

Tgt Ion: 65 Resp: 769041  
Ion Ratio Lower Upper  
65 100  
92 79.5 58.1 87.1  
138 99.3 65.5 98.3#

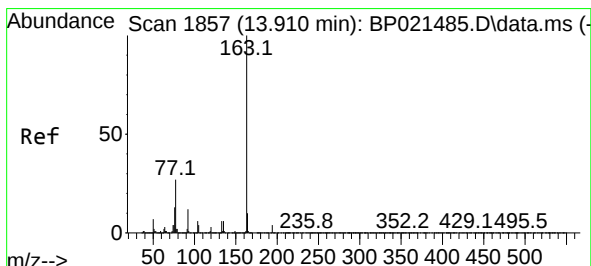
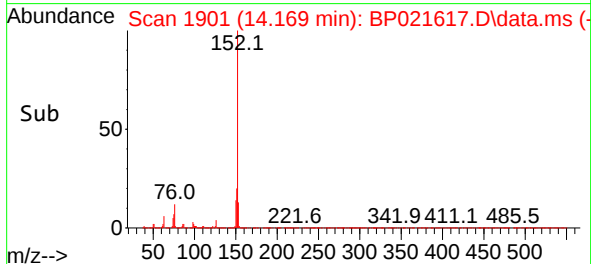
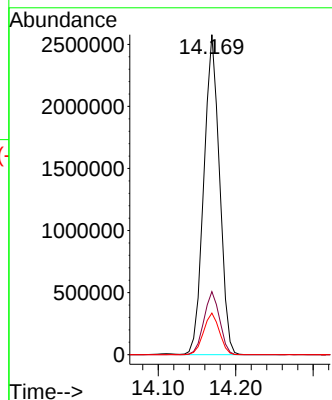
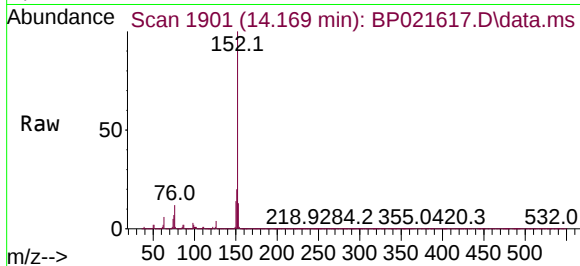




#49  
Acenaphthylene  
Concen: 44.470 ng  
RT: 14.169 min Scan# 1901  
Delta R.T. 0.006 min  
Lab File: BP021617.D  
Acq: 22 Aug 2024 17:14

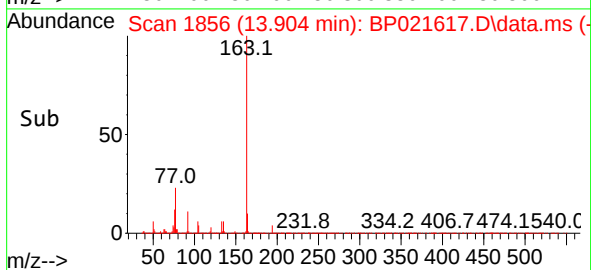
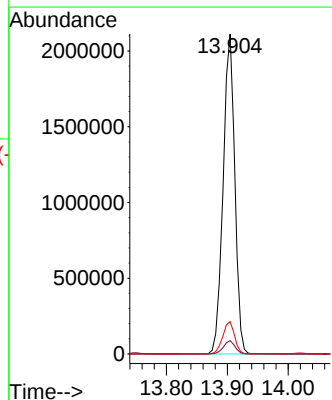
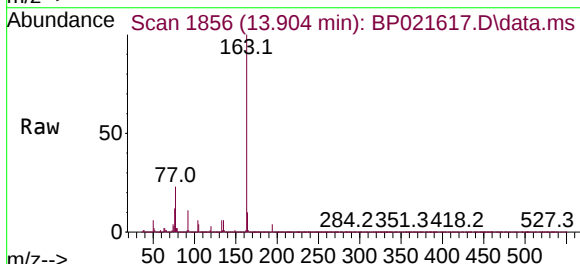
Instrument :  
BNA\_P  
ClientSampleId :  
WC-1MSD

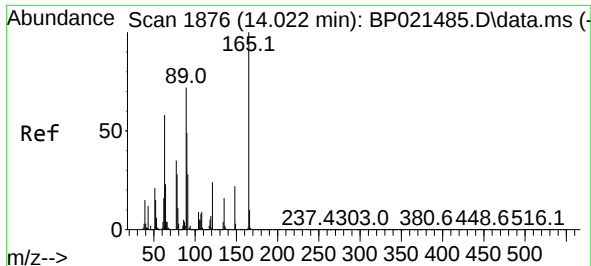
Tgt Ion:152 Resp: 3613244  
Ion Ratio Lower Upper  
152 100  
151 19.7 15.9 23.9  
153 13.0 10.6 16.0



#50  
Dimethylphthalate  
Concen: 41.805 ng  
RT: 13.904 min Scan# 1856  
Delta R.T. 0.012 min  
Lab File: BP021617.D  
Acq: 22 Aug 2024 17:14

Tgt Ion:163 Resp: 2809244  
Ion Ratio Lower Upper  
163 100  
194 4.2 3.3 4.9  
164 10.1 8.3 12.5

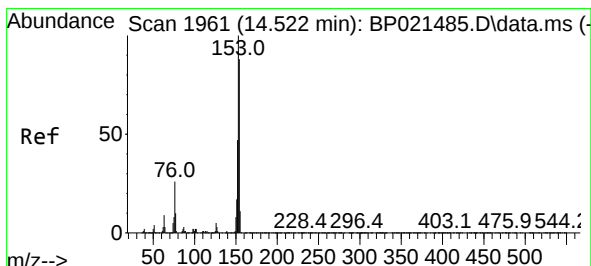
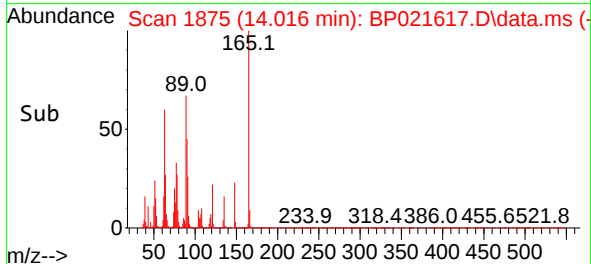
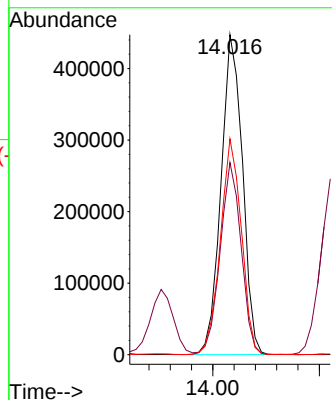
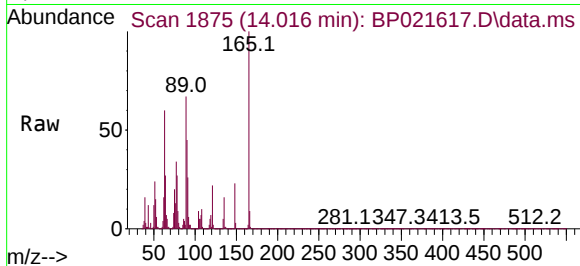




#51  
2,6-Dinitrotoluene  
Concen: 46.203 ng  
RT: 14.016 min Scan# 1875  
Delta R.T. 0.012 min  
Lab File: BP021617.D  
Acq: 22 Aug 2024 17:14

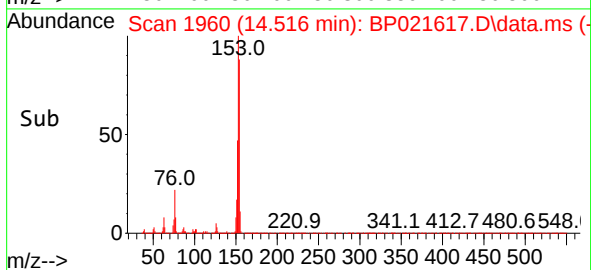
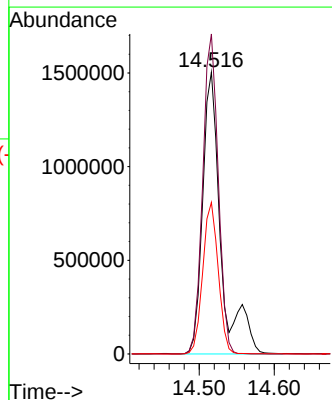
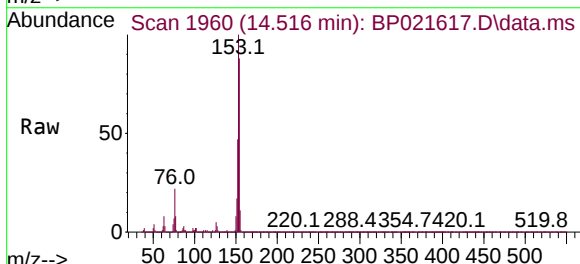
Instrument :  
BNA\_P  
ClientSampleId :  
WC-1MSD

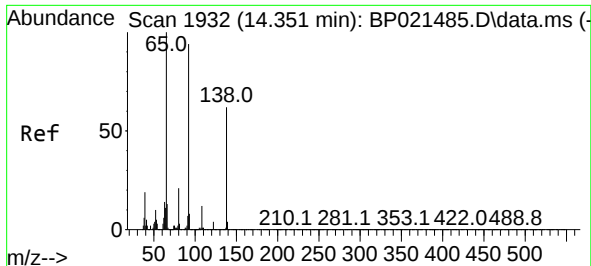
Tgt Ion:165 Resp: 624190  
Ion Ratio Lower Upper  
165 100  
63 60.0 51.5 77.3  
89 67.4 57.8 86.8



#52  
Acenaphthene  
Concen: 47.776 ng m  
RT: 14.516 min Scan# 1960  
Delta R.T. 0.006 min  
Lab File: BP021617.D  
Acq: 22 Aug 2024 17:14

Tgt Ion:154 Resp: 2547071  
Ion Ratio Lower Upper  
154 100  
153 113.5 91.1 136.7  
152 53.8 43.0 64.4

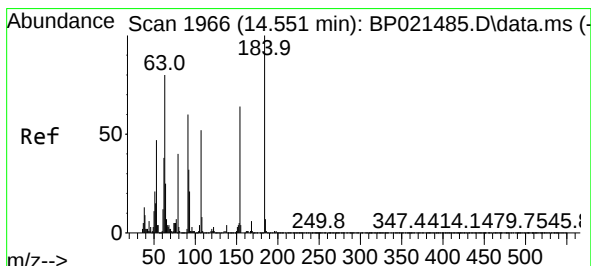
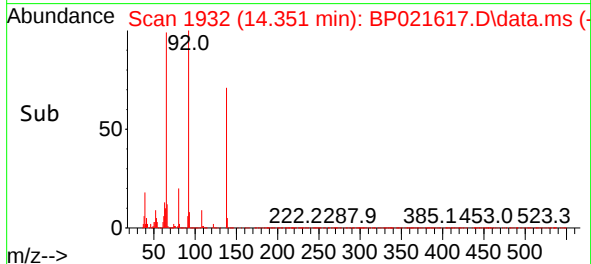
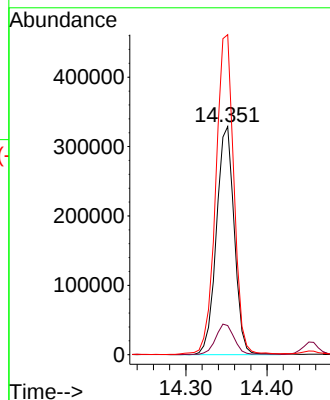
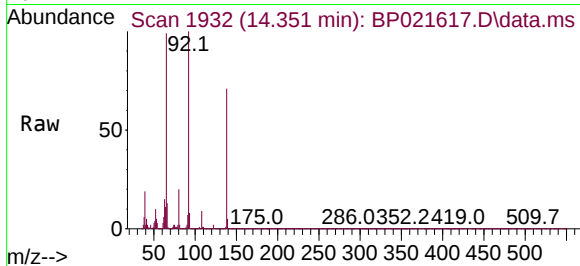




#53  
3-Nitroaniline  
Concen: 38.483 ng  
RT: 14.351 min Scan# 1932  
Delta R.T. 0.012 min  
Lab File: BP021617.D  
Acq: 22 Aug 2024 17:14

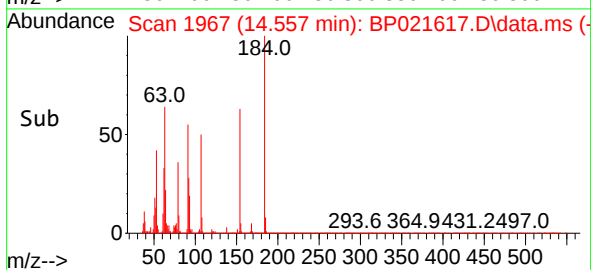
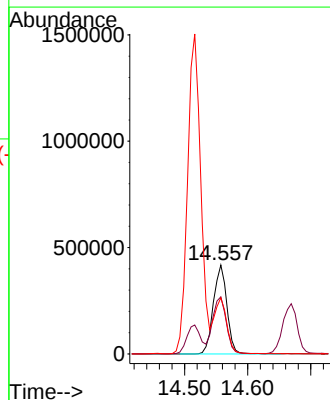
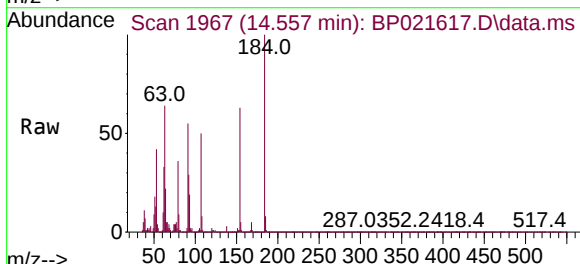
Instrument :  
BNA\_P  
ClientSampleId :  
WC-1MSD

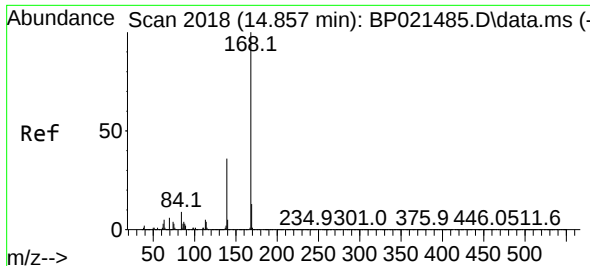
Tgt Ion:138 Resp: 501464  
Ion Ratio Lower Upper  
138 100  
108 12.8 16.2 24.4#  
92 140.3 122.2 183.4



#54  
2,4-Dinitrophenol  
Concen: 109.547 ng  
RT: 14.557 min Scan# 1967  
Delta R.T. 0.012 min  
Lab File: BP021617.D  
Acq: 22 Aug 2024 17:14

Tgt Ion:184 Resp: 619859  
Ion Ratio Lower Upper  
184 100  
63 64.2 64.9 97.3#  
154 63.1 52.1 78.1

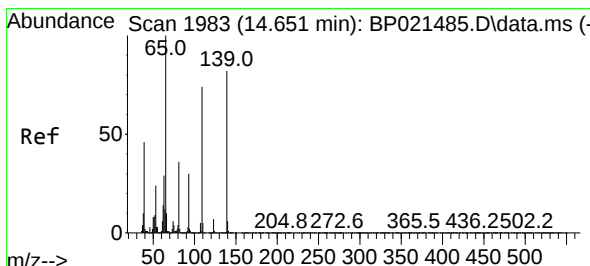
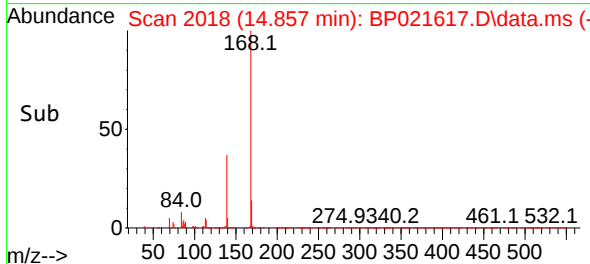
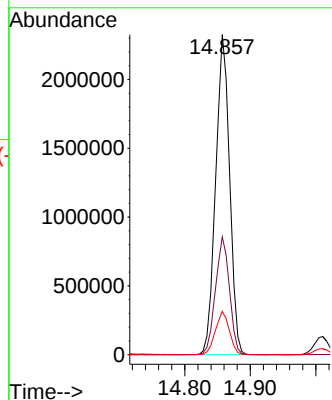
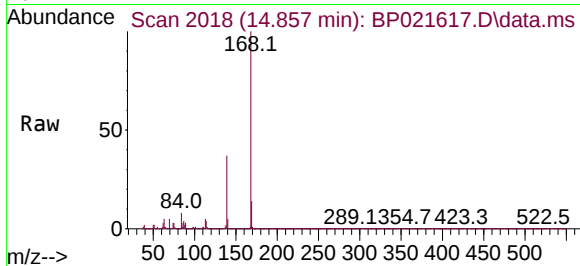




#55  
Dibenzofuran  
Concen: 41.693 ng  
RT: 14.857 min Scan# 2018  
Delta R.T. 0.012 min  
Lab File: BP021617.D  
Acq: 22 Aug 2024 17:14

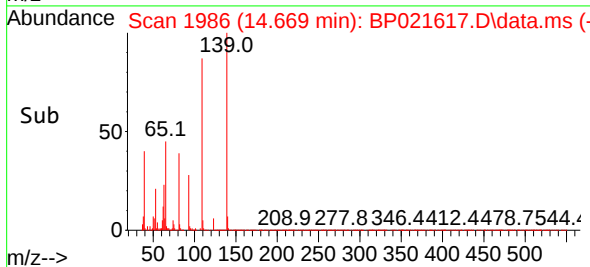
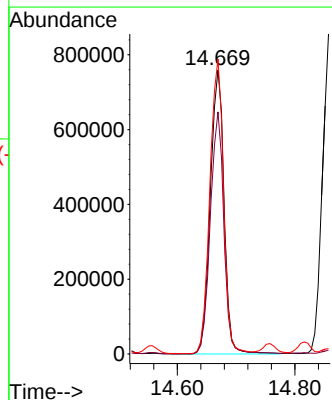
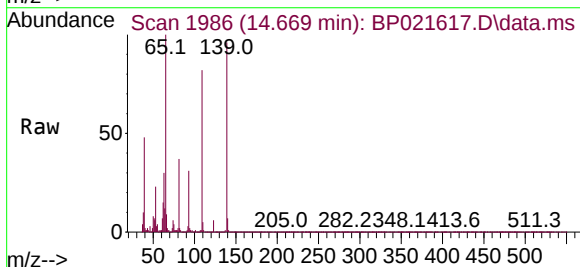
Instrument :  
BNA\_P  
ClientSampleId :  
WC-1MSD

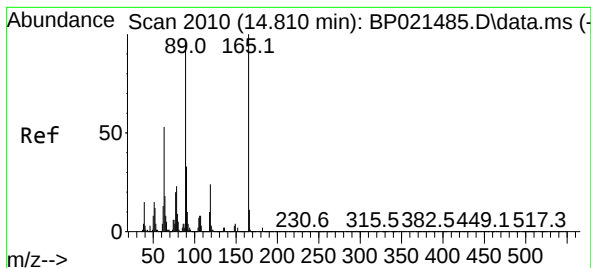
Tgt Ion:168 Resp: 3419343  
Ion Ratio Lower Upper  
168 100  
139 36.8 28.6 43.0  
169 13.5 10.6 16.0



#56  
4-Nitrophenol  
Concen: 108.261 ng  
RT: 14.669 min Scan# 1986  
Delta R.T. 0.018 min  
Lab File: BP021617.D  
Acq: 22 Aug 2024 17:14

Tgt Ion:139 Resp: 1227925  
Ion Ratio Lower Upper  
139 100  
109 85.3 70.2 110.2  
65 103.9 101.8 141.8





#57

2,4-Dinitrotoluene

Concen: 50.761 ng

RT: 14.822 min Scan# 2010

Delta R.T. 0.018 min

Lab File: BP021617.D

Acq: 22 Aug 2024 17:14

Instrument :

BNA\_P

ClientSampleId :

WC-1MSD

Tgt Ion:165 Resp: 880850

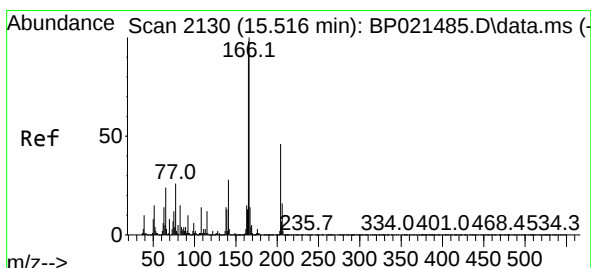
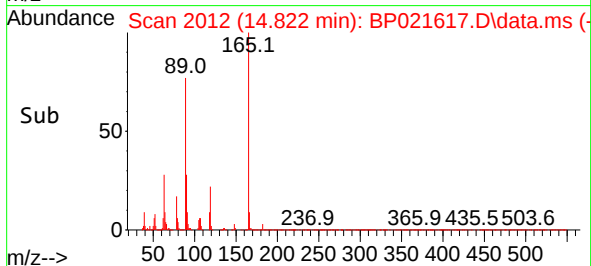
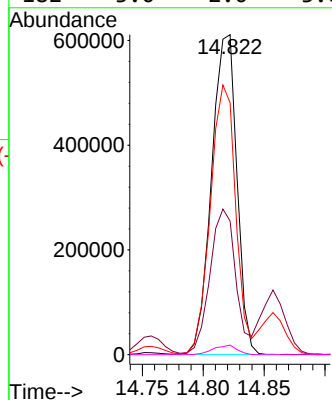
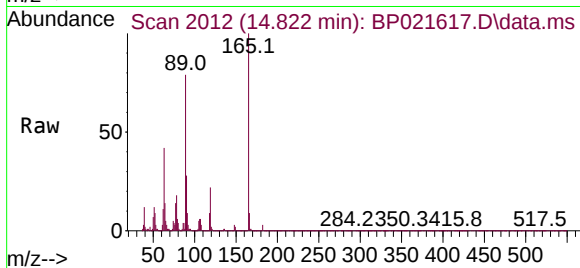
Ion Ratio Lower Upper

165 100

63 41.8 42.5 63.7#

89 78.7 77.1 115.7

182 3.0 2.0 3.0



#58

Fluorene

Concen: 40.257 ng

RT: 15.522 min Scan# 2131

Delta R.T. 0.018 min

Lab File: BP021617.D

Acq: 22 Aug 2024 17:14

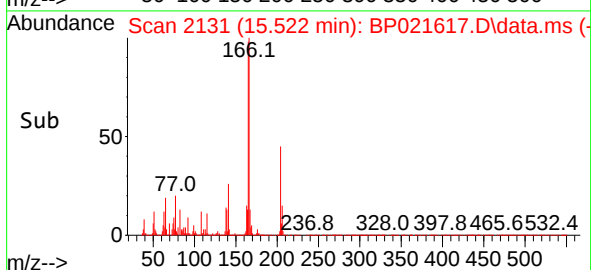
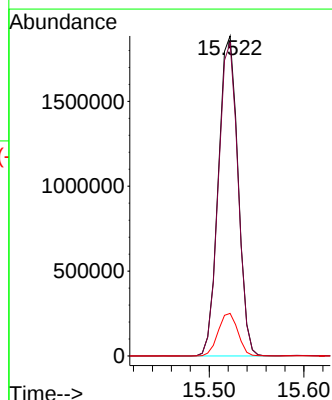
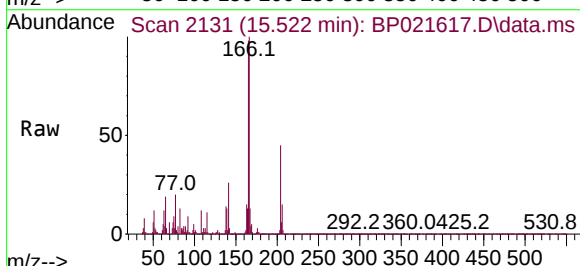
Tgt Ion:166 Resp: 2712320

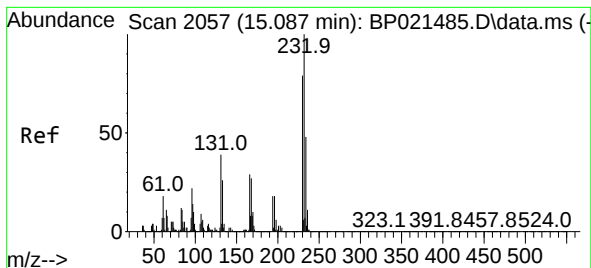
Ion Ratio Lower Upper

166 100

165 97.8 78.1 117.1

167 13.3 11.0 16.4

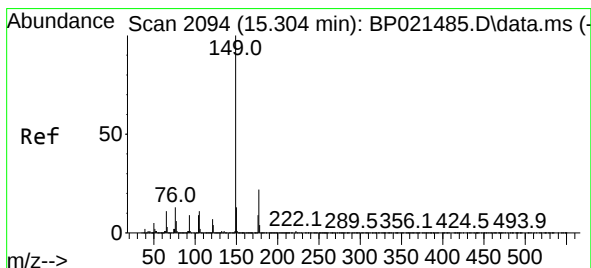
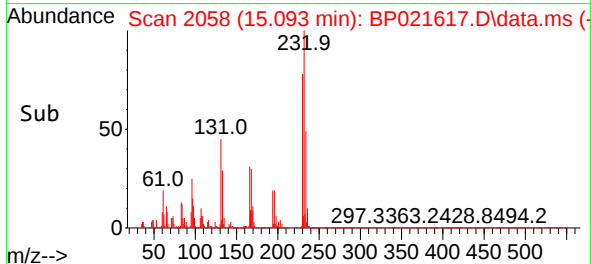
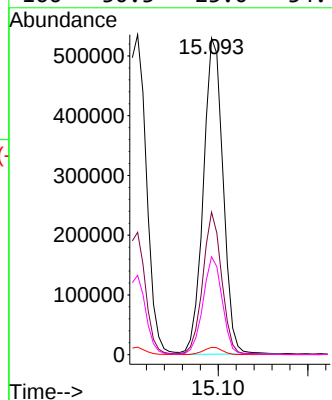
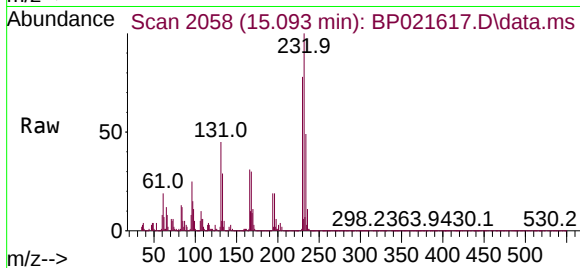




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 52.323 ng  
RT: 15.093 min Scan# 2058  
Delta R.T. 0.012 min  
Lab File: BP021617.D  
Acq: 22 Aug 2024 17:14

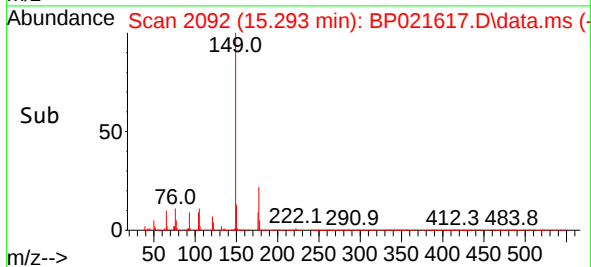
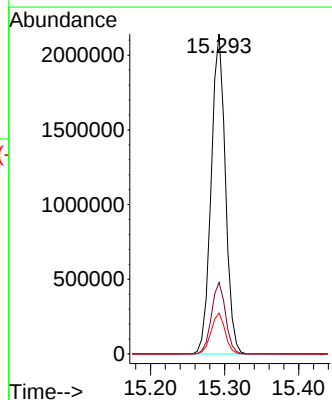
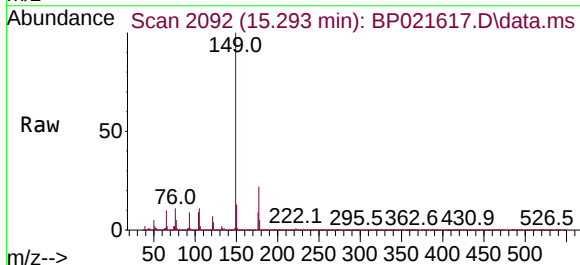
Instrument :  
BNA\_P  
ClientSampleId :  
WC-1MSD

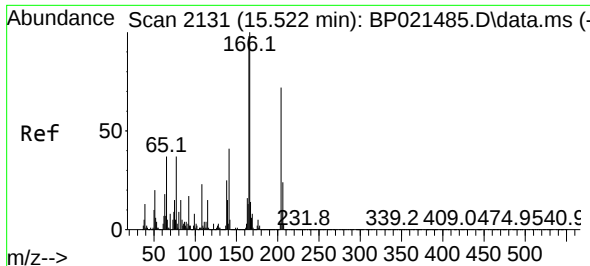
Tgt Ion:232 Resp: 805859  
Ion Ratio Lower Upper  
232 100  
131 43.1 33.1 49.7  
130 2.2 1.7 2.5  
166 30.3 23.0 34.4



#60  
Diethylphthalate  
Concen: 41.319 ng  
RT: 15.293 min Scan# 2092  
Delta R.T. 0.012 min  
Lab File: BP021617.D  
Acq: 22 Aug 2024 17:14

Tgt Ion:149 Resp: 2848961  
Ion Ratio Lower Upper  
149 100  
177 22.4 17.8 26.8  
150 12.7 10.1 15.1

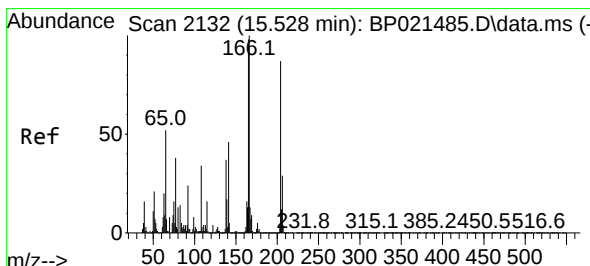
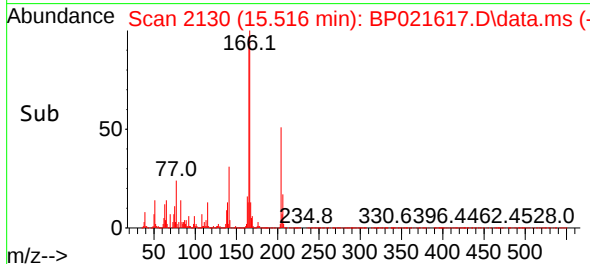
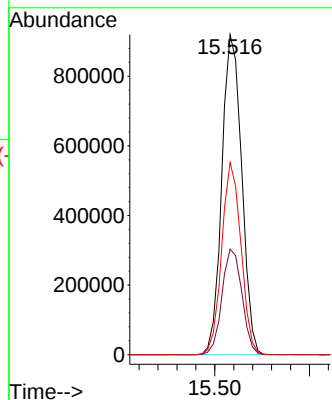
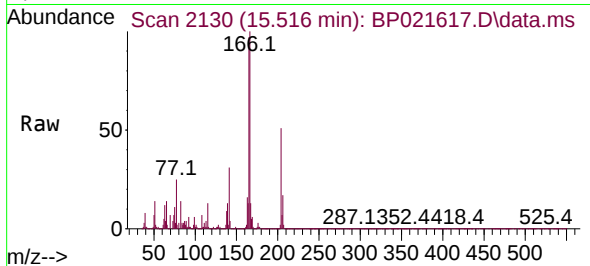




#61  
4-Chlorophenyl-phenylether  
Concen: 38.521 ng  
RT: 15.516 min Scan# 2130  
Delta R.T. 0.012 min  
Lab File: BP021617.D  
Acq: 22 Aug 2024 17:14

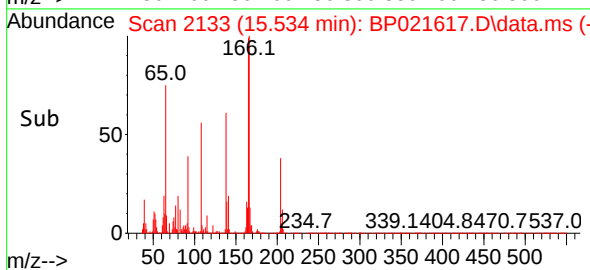
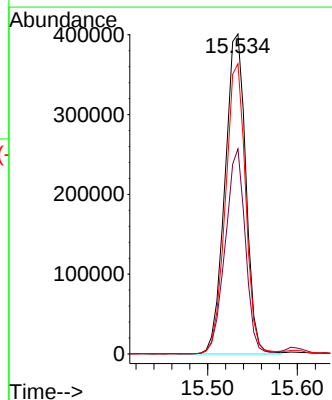
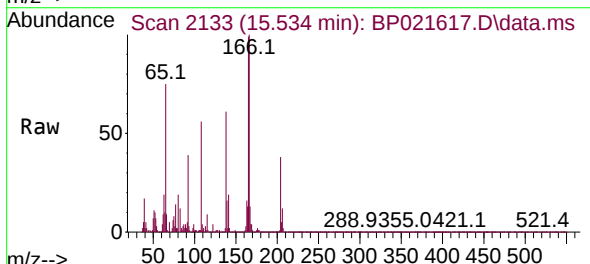
Instrument :  
BNA\_P  
ClientSampleId :  
WC-1MSD

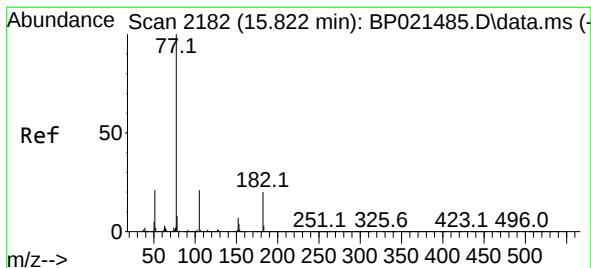
Tgt Ion:204 Resp: 1341569  
Ion Ratio Lower Upper  
204 100  
206 33.0 26.4 39.6  
141 60.1 46.1 69.1



#62  
4-Nitroaniline  
Concen: 47.385 ng  
RT: 15.534 min Scan# 2133  
Delta R.T. 0.024 min  
Lab File: BP021617.D  
Acq: 22 Aug 2024 17:14

Tgt Ion:138 Resp: 648616  
Ion Ratio Lower Upper  
138 100  
92 64.1 46.4 86.4  
108 90.7 73.2 113.2





#63

Azobenzene

Concen: 37.132 ng

RT: 15.822 min Scan# 2182

Delta R.T. 0.024 min

Lab File: BP021617.D

Acq: 22 Aug 2024 17:14

Instrument :

BNA\_P

ClientSampleId :

WC-1MSD

Tgt Ion: 77 Resp: 3147181

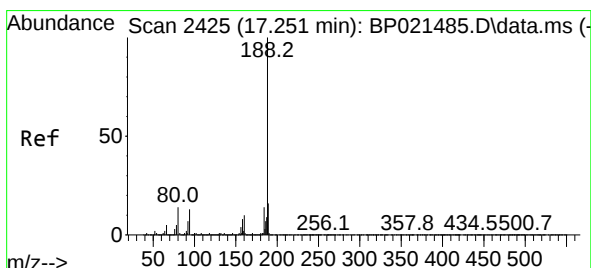
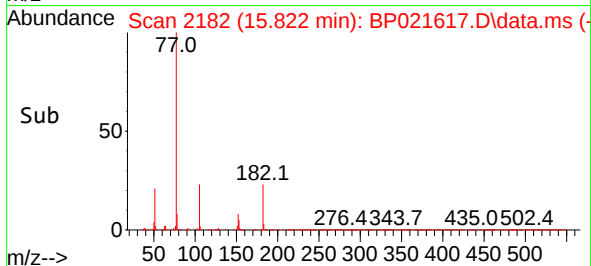
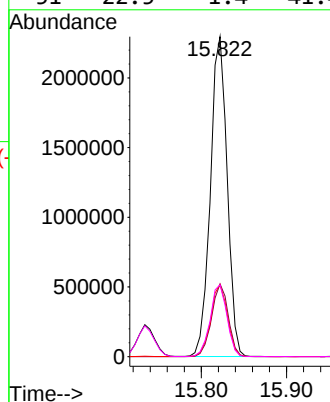
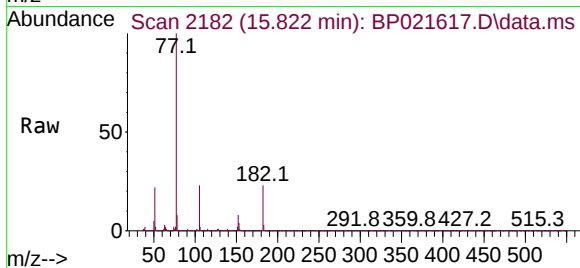
Ion Ratio Lower Upper

77 100

182 22.8 0.0 39.9

105 22.6 0.9 40.9

51 22.5 1.4 41.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.263 min Scan# 2427

Delta R.T. 0.012 min

Lab File: BP021617.D

Acq: 22 Aug 2024 17:14

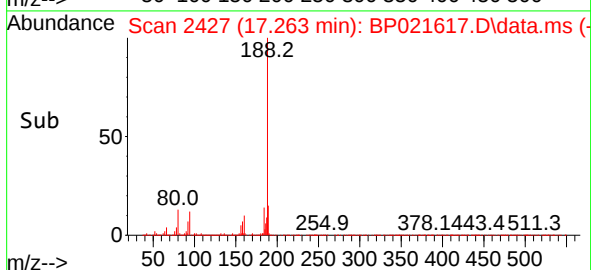
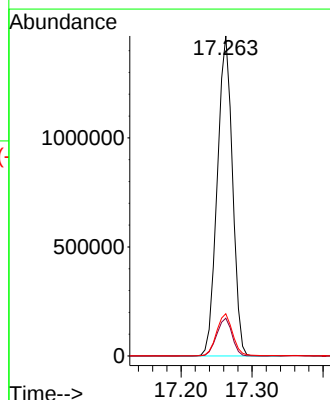
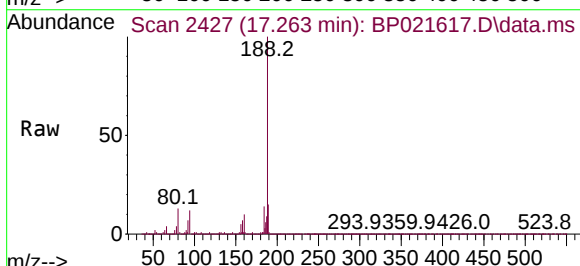
Tgt Ion:188 Resp: 2173460

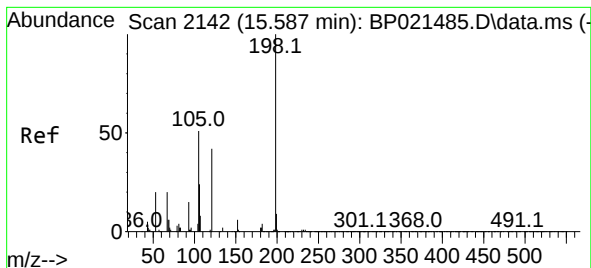
Ion Ratio Lower Upper

188 100

94 11.8 10.2 15.4

80 13.2 11.6 17.4

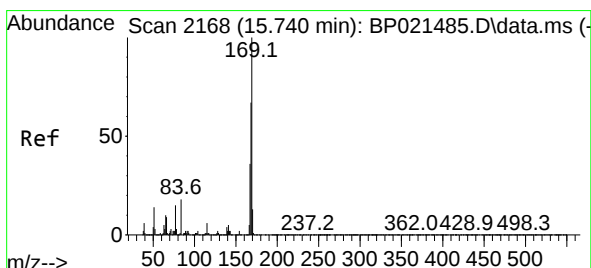
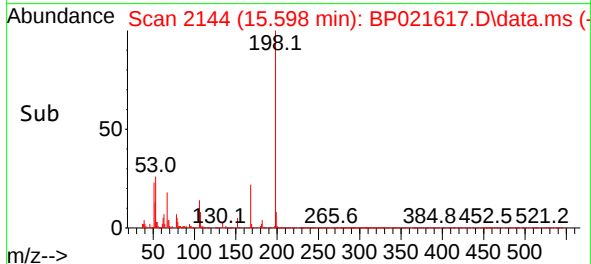
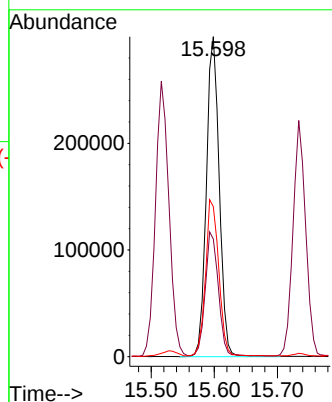
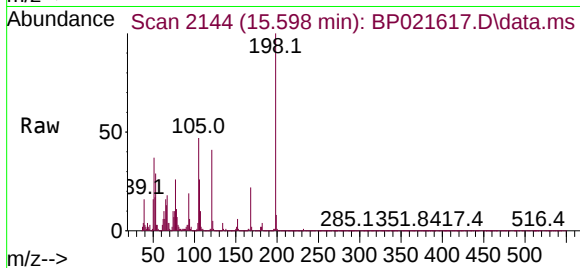




#65  
4,6-Dinitro-2-methylphenol  
Concen: 59.783 ng  
RT: 15.598 min Scan# 2144  
Delta R.T. 0.012 min  
Lab File: BP021617.D  
Acq: 22 Aug 2024 17:14

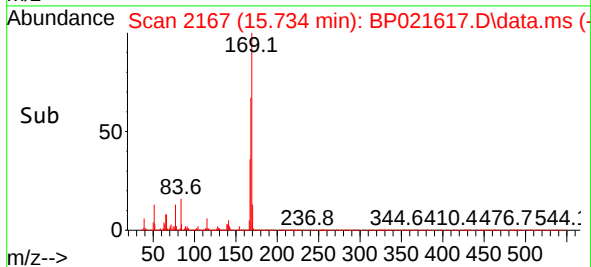
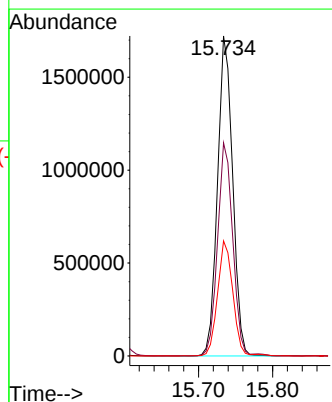
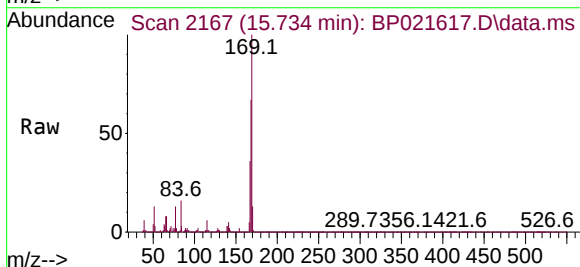
Instrument :  
BNA\_P  
ClientSampleId :  
WC-1MSD

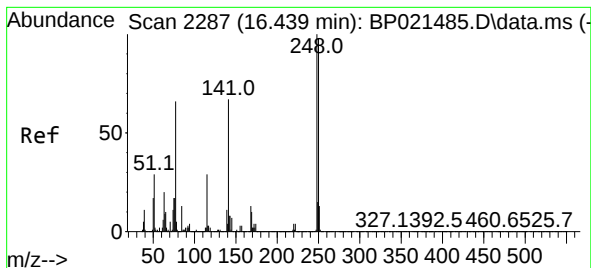
Tgt Ion:198 Resp: 425875  
Ion Ratio Lower Upper  
198 100  
51 36.8 21.5 61.5  
105 46.9 32.9 72.9



#66  
n-Nitrosodiphenylamine  
Concen: 41.844 ng  
RT: 15.734 min Scan# 2167  
Delta R.T. 0.018 min  
Lab File: BP021617.D  
Acq: 22 Aug 2024 17:14

Tgt Ion:169 Resp: 2437233  
Ion Ratio Lower Upper  
169 100  
168 66.6 53.4 80.2  
167 35.9 28.7 43.1

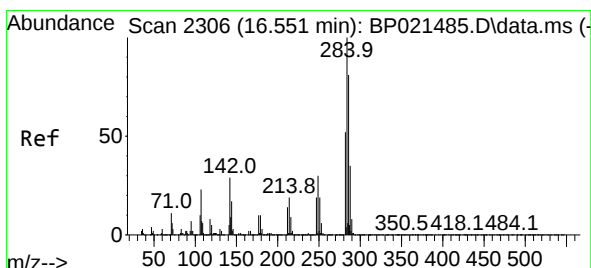
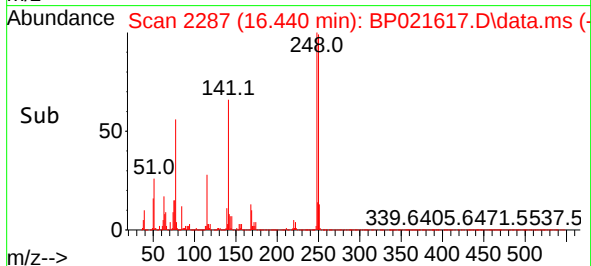
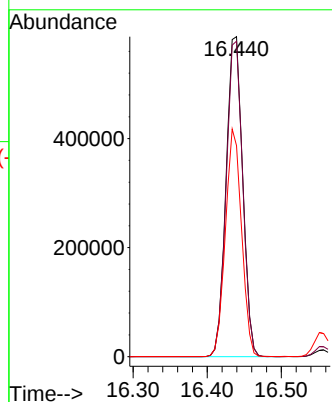
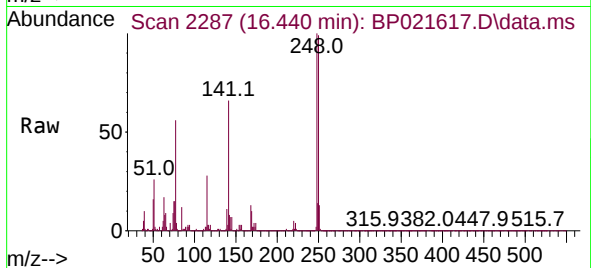




#67  
4-Bromophenyl-phenylether  
Concen: 39.647 ng  
RT: 16.440 min Scan# 211  
Delta R.T. 0.024 min  
Lab File: BP021617.D  
Acq: 22 Aug 2024 17:14

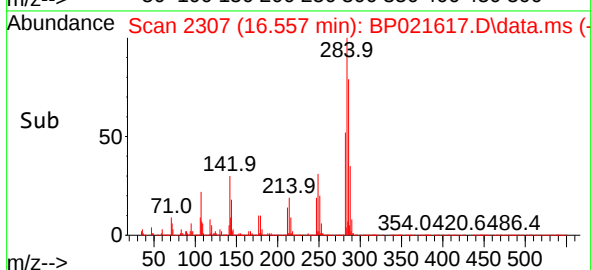
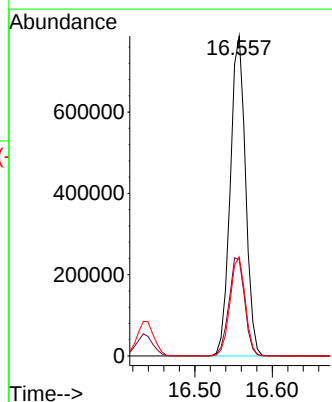
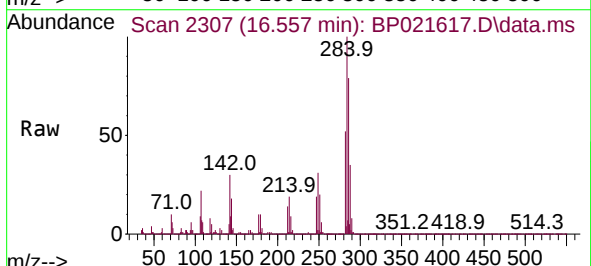
Instrument :  
BNA\_P  
ClientSampleId :  
WC-1MSD

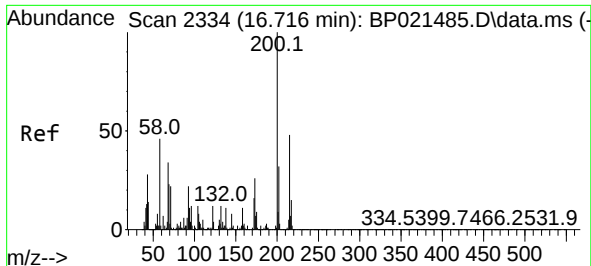
Tgt Ion:248 Resp: 911996  
Ion Ratio Lower Upper  
248 100  
250 98.6 78.6 117.8  
141 65.9 53.9 80.9



#68  
Hexachlorobenzene  
Concen: 39.738 ng  
RT: 16.557 min Scan# 2307  
Delta R.T. 0.024 min  
Lab File: BP021617.D  
Acq: 22 Aug 2024 17:14

Tgt Ion:284 Resp: 1080240  
Ion Ratio Lower Upper  
284 100  
142 30.1 23.4 35.2  
249 31.0 24.1 36.1

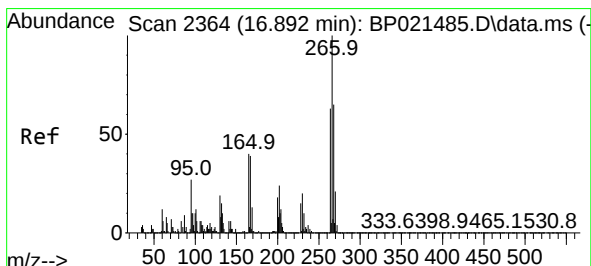
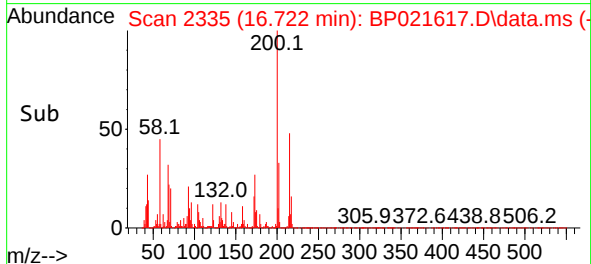
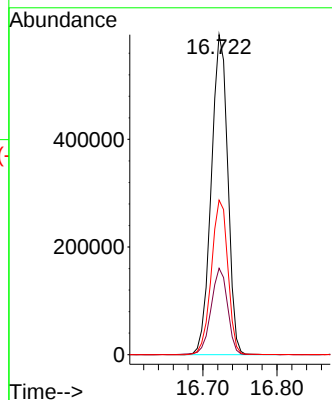
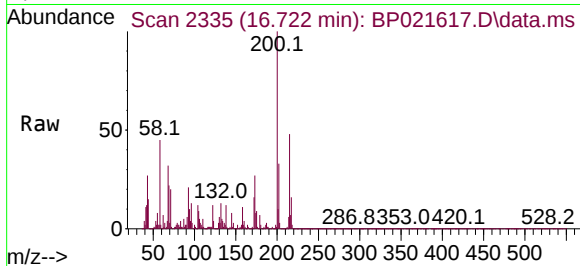




#69  
Atrazine  
Concen: 45.830 ng  
RT: 16.722 min Scan# 21  
Delta R.T. 0.024 min  
Lab File: BP021617.D  
Acq: 22 Aug 2024 17:14

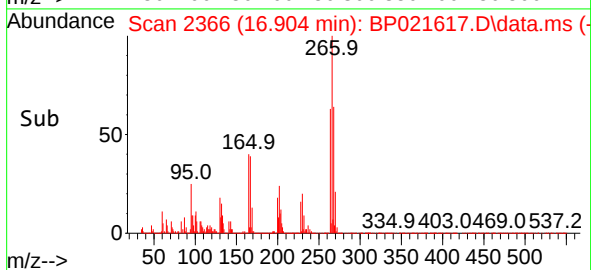
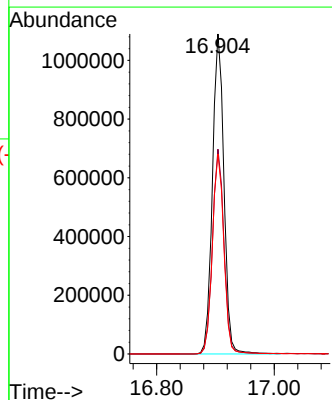
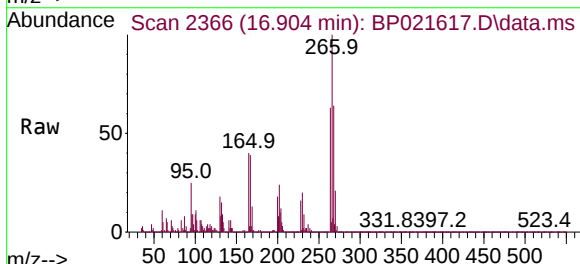
Instrument :  
BNA\_P  
ClientSampleId :  
WC-1MSD

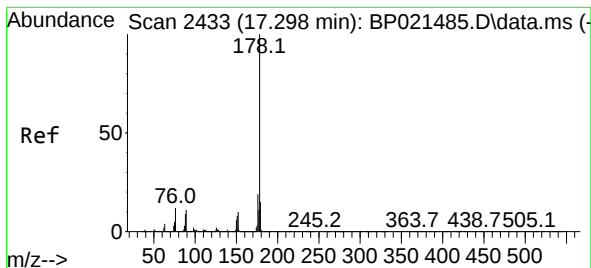
Tgt Ion:200 Resp: 916490  
Ion Ratio Lower Upper  
200 100  
173 27.0 6.2 46.2  
215 48.3 28.4 68.4



#70  
Pentachlorophenol  
Concen: 99.612 ng  
RT: 16.904 min Scan# 2366  
Delta R.T. 0.018 min  
Lab File: BP021617.D  
Acq: 22 Aug 2024 17:14

Tgt Ion:266 Resp: 1477962  
Ion Ratio Lower Upper  
266 100  
268 64.0 51.8 77.6  
264 62.5 50.5 75.7





#71

Phenanthrene

Concen: 42.914 ng

RT: 17.304 min Scan# 2433

Delta R.T. 0.006 min

Lab File: BP021617.D

Acq: 22 Aug 2024 17:14

Instrument :

BNA\_P

ClientSampleId :

WC-1MSD

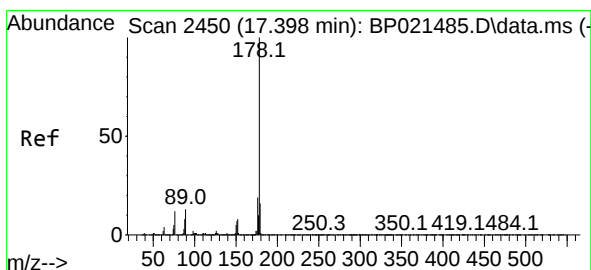
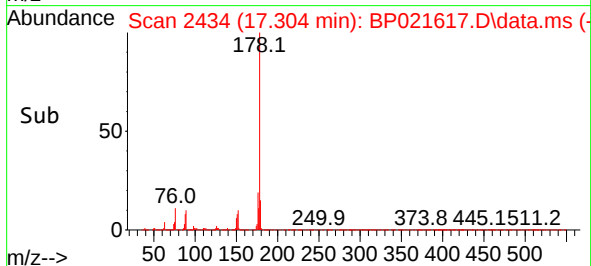
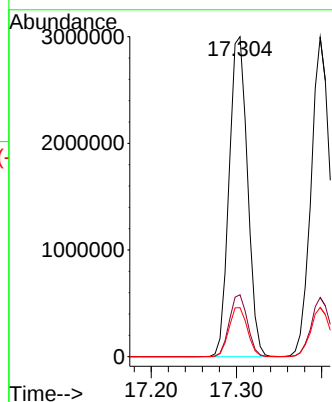
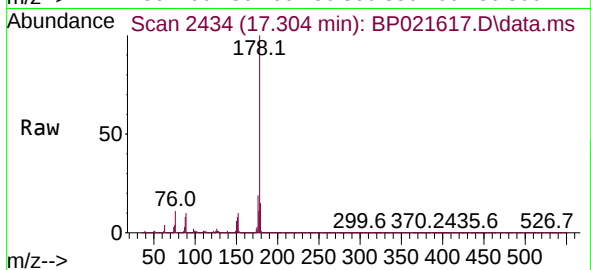
Tgt Ion:178 Resp: 4485609

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

179 15.3 12.4 18.6



#72

Anthracene

Concen: 44.996 ng

RT: 17.398 min Scan# 2450

Delta R.T. 0.012 min

Lab File: BP021617.D

Acq: 22 Aug 2024 17:14

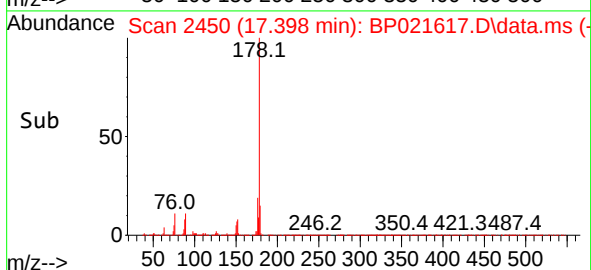
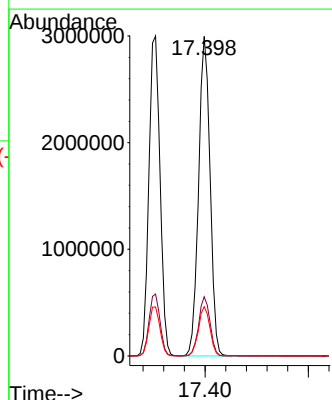
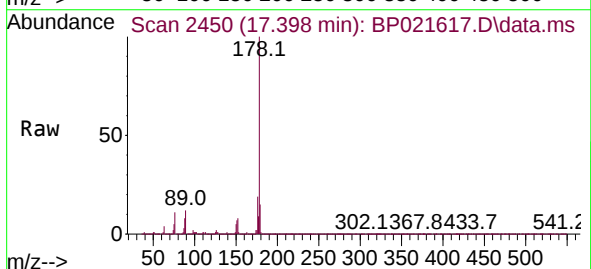
Tgt Ion:178 Resp: 4612571

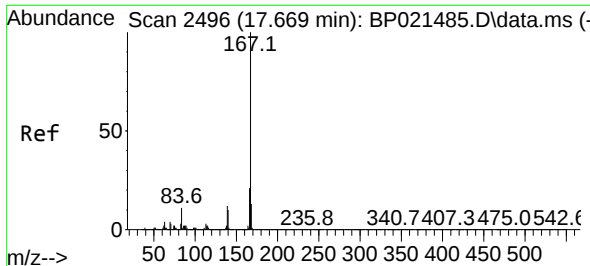
Ion Ratio Lower Upper

178 100

176 18.5 14.9 22.3

179 15.4 12.5 18.7



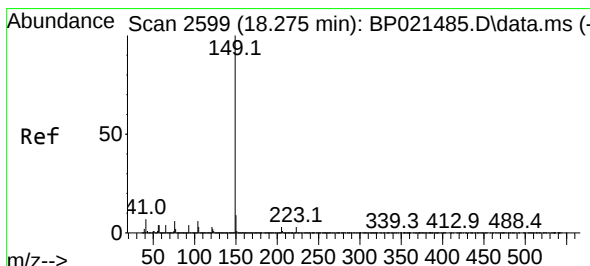
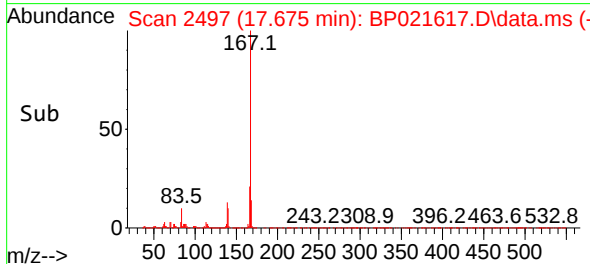
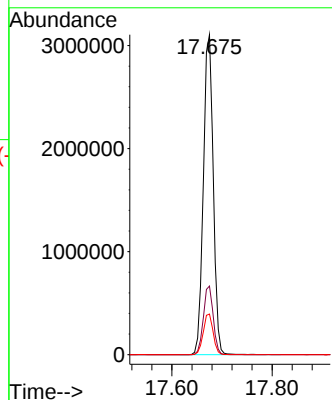
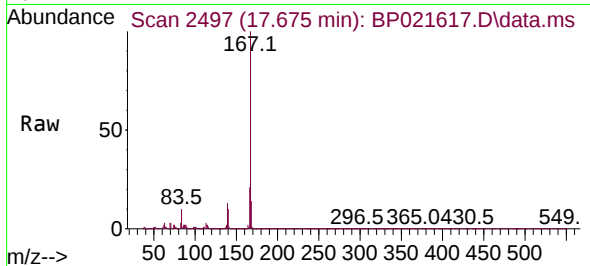


#73  
 Carbazole  
 Concen: 42.992 ng  
 RT: 17.675 min Scan# 2496  
 Delta R.T. 0.012 min  
 Lab File: BP021617.D  
 Acq: 22 Aug 2024 17:14

Instrument :  
 BNA\_P  
 ClientSampleId :  
 WC-1MSD

Tgt Ion:167 Resp: 4247243  

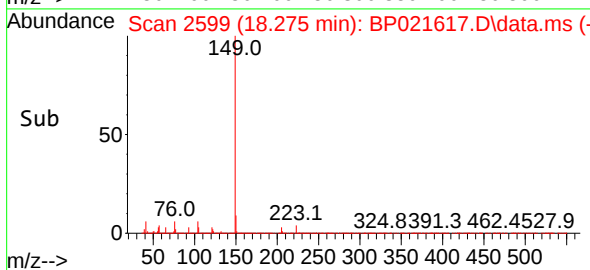
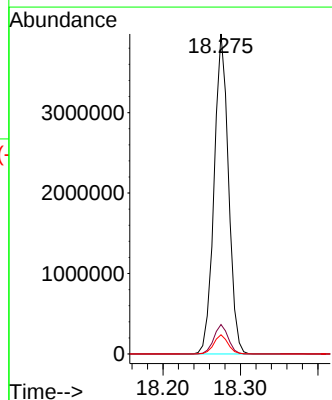
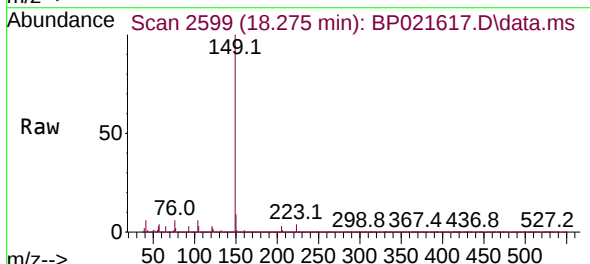
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 21.4  | 17.0  | 25.4  |
| 139 | 12.7  | 9.9   | 14.9  |

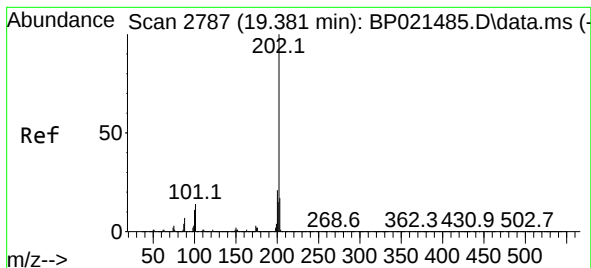


#74  
 Di-n-butylphthalate  
 Concen: 42.187 ng  
 RT: 18.275 min Scan# 2599  
 Delta R.T. 0.012 min  
 Lab File: BP021617.D  
 Acq: 22 Aug 2024 17:14

Tgt Ion:149 Resp: 5118439  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.2   | 7.5   | 11.3  |
| 104 | 6.0   | 4.9   | 7.3   |





#75

Fluoranthene

Concen: 42.581 ng

RT: 19.392 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP021617.D

Acq: 22 Aug 2024 17:14

Instrument :

BNA\_P

ClientSampleId :

WC-1MSD

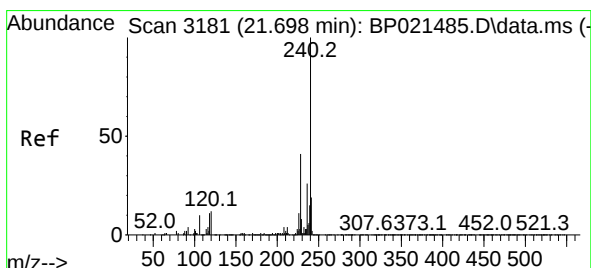
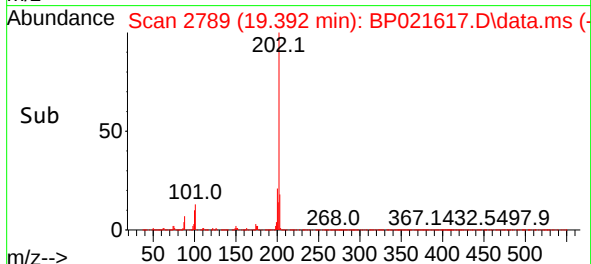
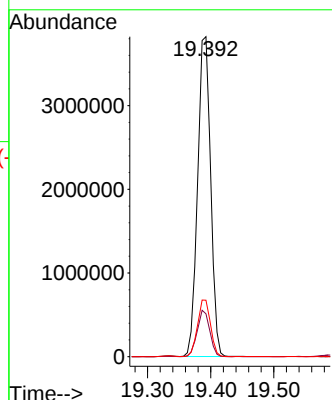
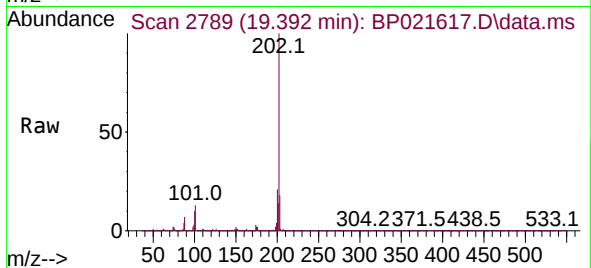
Tgt Ion:202 Resp: 5461102

Ion Ratio Lower Upper

202 100

101 13.4 0.0 34.0

203 17.6 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.716 min Scan# 3184

Delta R.T. 0.000 min

Lab File: BP021617.D

Acq: 22 Aug 2024 17:14

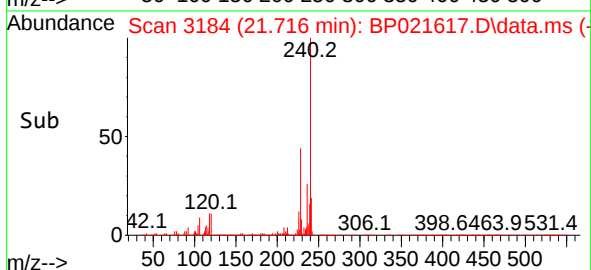
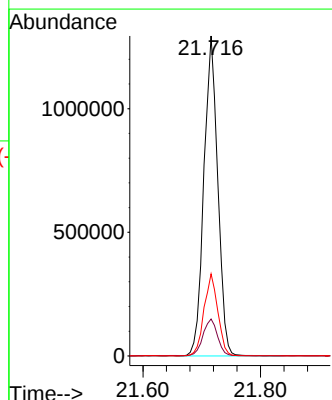
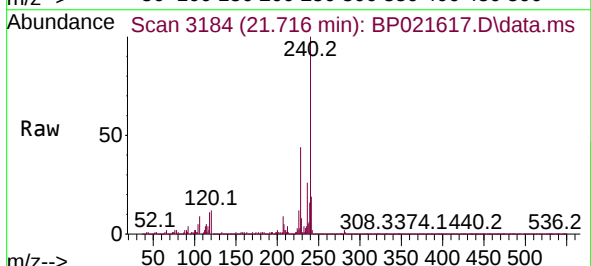
Tgt Ion:240 Resp: 2118408

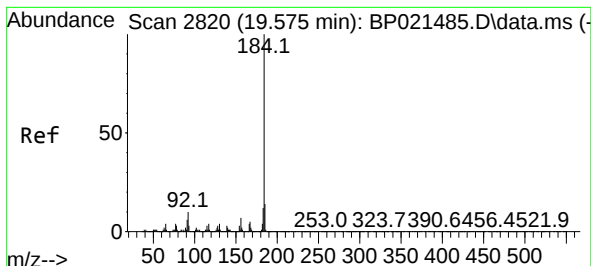
Ion Ratio Lower Upper

240 100

120 11.6 9.9 14.9

236 25.6 20.6 30.8





#77

Benzidine

Concen: 91.170 ng

RT: 19.586 min Scan# 2822

Delta R.T. 0.012 min

Lab File: BP021617.D

Acq: 22 Aug 2024 17:14

Instrument :

BNA\_P

ClientSampleId :

WC-1MSD

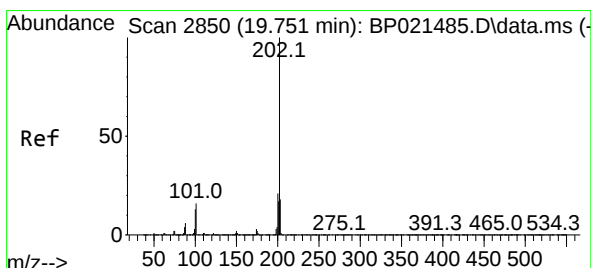
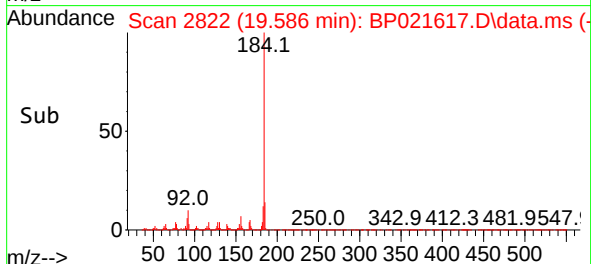
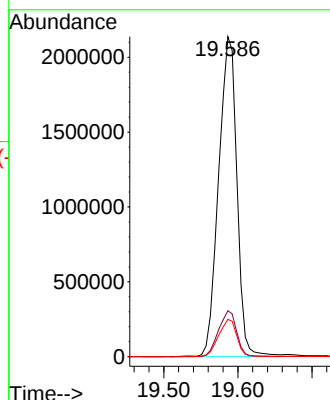
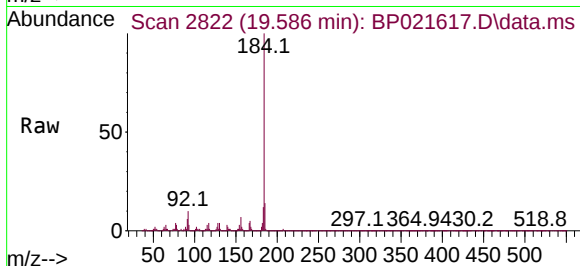
Tgt Ion:184 Resp: 3659555

Ion Ratio Lower Upper

184 100

185 14.3 11.4 17.0

183 11.6 9.3 13.9



#78

Pyrene

Concen: 41.130 ng

RT: 19.763 min Scan# 2852

Delta R.T. 0.006 min

Lab File: BP021617.D

Acq: 22 Aug 2024 17:14

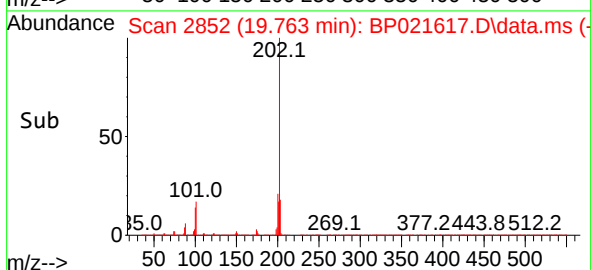
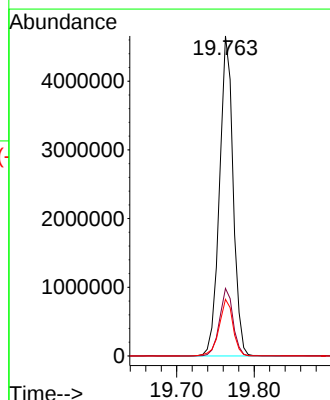
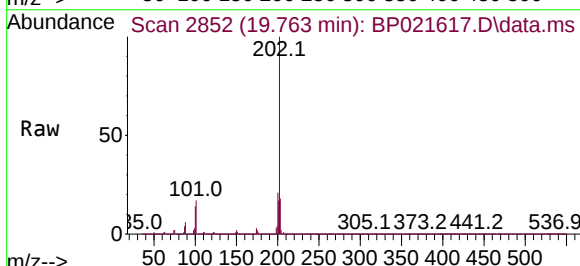
Tgt Ion:202 Resp: 5695014

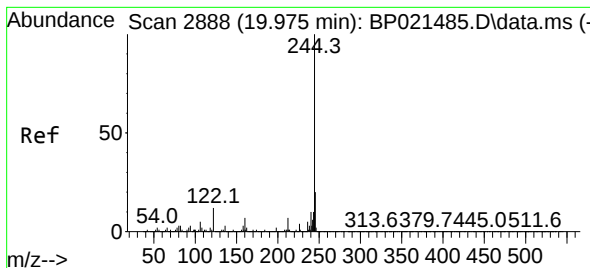
Ion Ratio Lower Upper

202 100

200 21.1 16.7 25.1

203 17.7 14.1 21.1





#79

Terphenyl-d14

Concen: 47.814 ng

RT: 19.986 min Scan# 2888

Delta R.T. 0.012 min

Lab File: BP021617.D

Acq: 22 Aug 2024 17:14

Instrument :

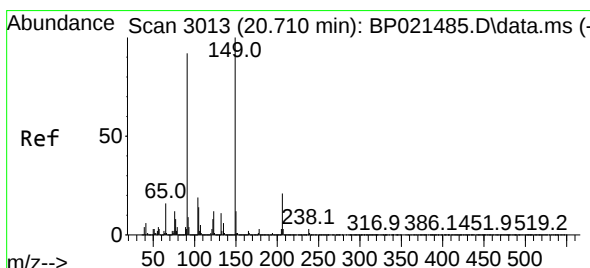
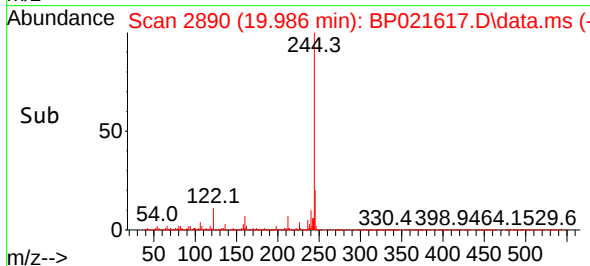
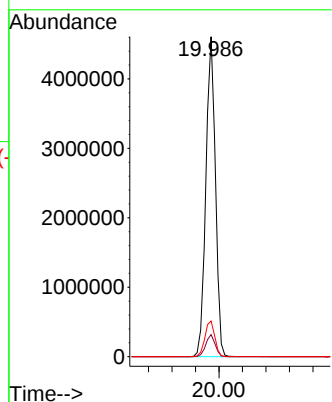
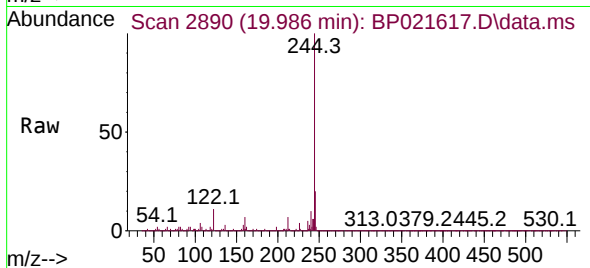
BNA\_P

ClientSampleId :

WC-1MSD

Tgt Ion:244 Resp: 5213806

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 6.9   | 5.6   | 8.4   |
| 122 | 11.1  | 9.4   | 14.2  |



#80

Butylbenzylphthalate

Concen: 45.841 ng

RT: 20.716 min Scan# 3014

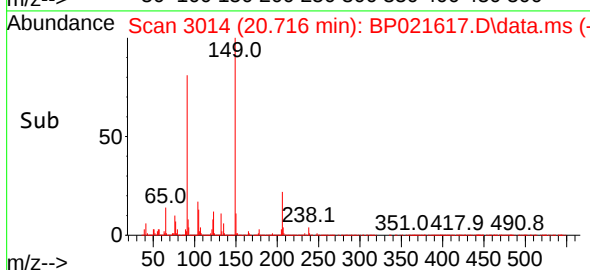
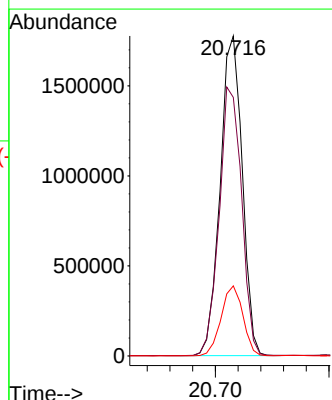
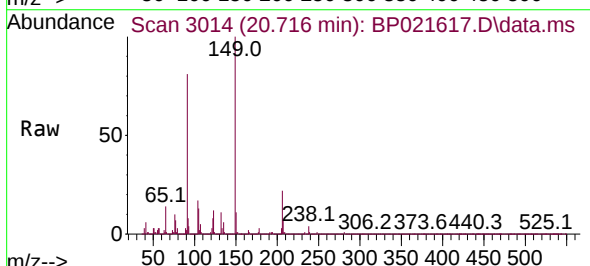
Delta R.T. 0.006 min

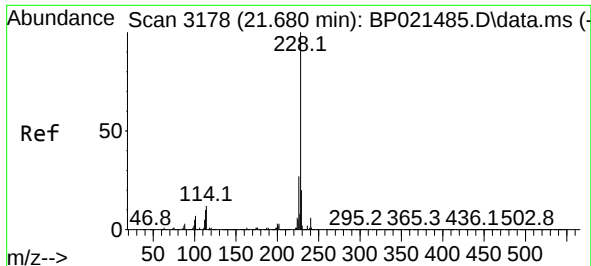
Lab File: BP021617.D

Acq: 22 Aug 2024 17:14

Tgt Ion:149 Resp: 2399789

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 91  | 80.8  | 73.3  | 109.9 |
| 206 | 21.9  | 17.1  | 25.7  |

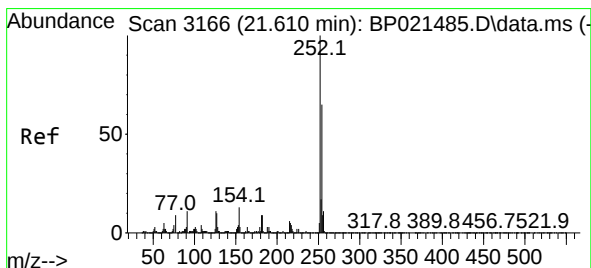
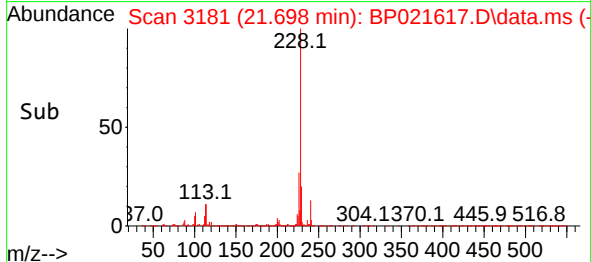
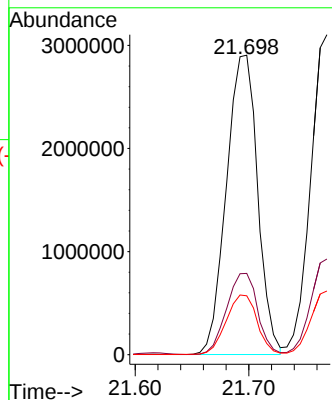
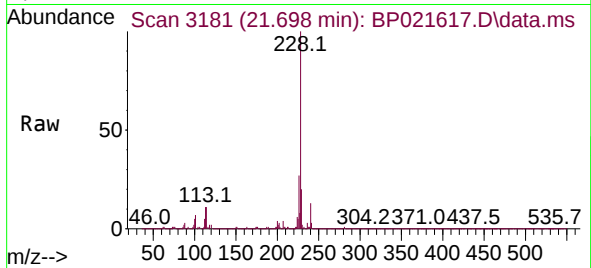




#81  
Benzo(a)anthracene  
Concen: 41.742 ng  
RT: 21.698 min Scan# 3178  
Delta R.T. 0.000 min  
Lab File: BP021617.D  
Acq: 22 Aug 2024 17:14

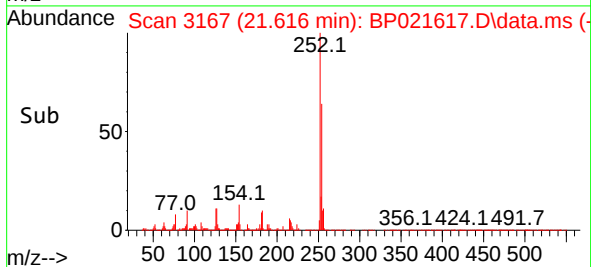
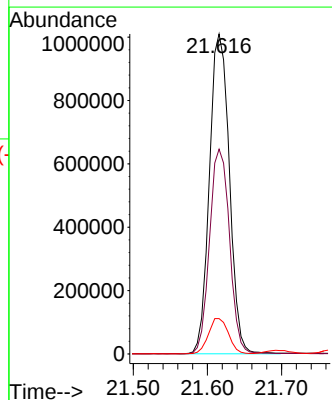
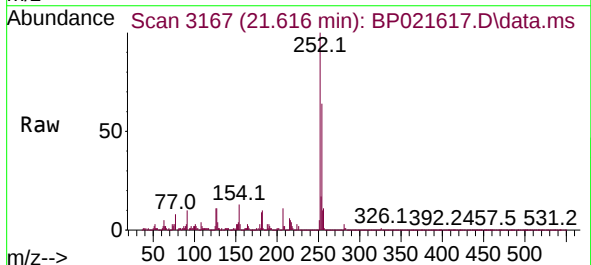
Instrument :  
BNA\_P  
ClientSampleId :  
WC-1MSD

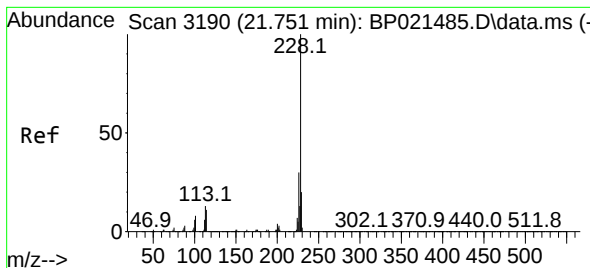
Tgt Ion:228 Resp: 5551087  
Ion Ratio Lower Upper  
228 100  
226 27.2 21.4 32.2  
229 19.7 15.8 23.6



#82  
3,3'-Dichlorobenzidine  
Concen: 44.210 ng  
RT: 21.616 min Scan# 3167  
Delta R.T. 0.000 min  
Lab File: BP021617.D  
Acq: 22 Aug 2024 17:14

Tgt Ion:252 Resp: 1885033  
Ion Ratio Lower Upper  
252 100  
254 64.0 51.7 77.5  
126 11.0 8.7 13.1





#83

Chrysene

Concen: 42.050 ng

RT: 21.769 min Scan# 3190

Delta R.T. 0.000 min

Lab File: BP021617.D

Acq: 22 Aug 2024 17:14

Instrument :

BNA\_P

ClientSampleId :

WC-1MSD

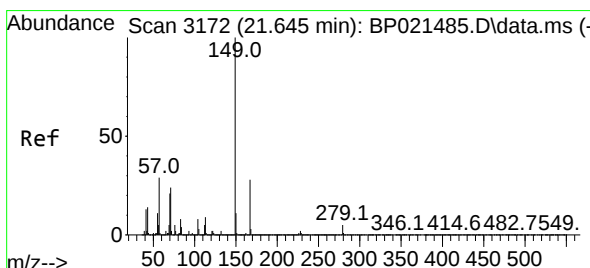
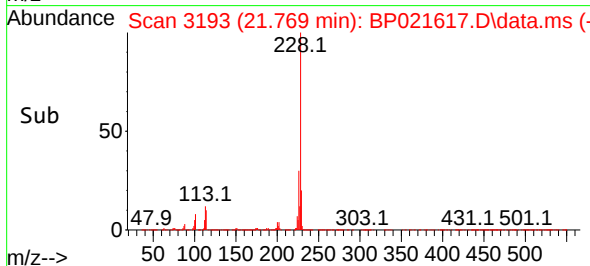
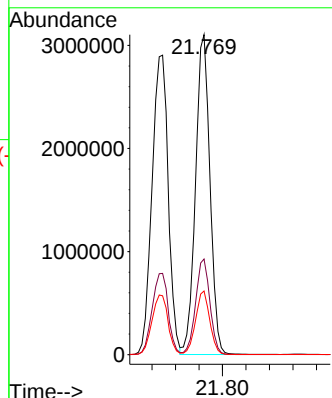
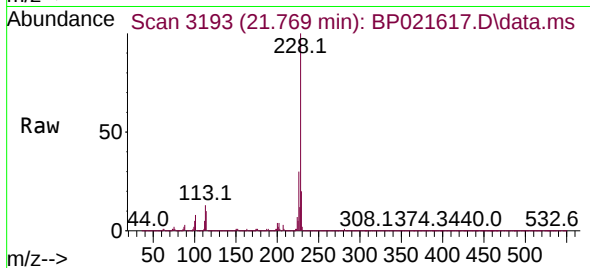
Tgt Ion:228 Resp: 5279683

Ion Ratio Lower Upper

228 100

226 29.9 23.9 35.9

229 19.9 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.469 ng

RT: 21.651 min Scan# 3173

Delta R.T. 0.000 min

Lab File: BP021617.D

Acq: 22 Aug 2024 17:14

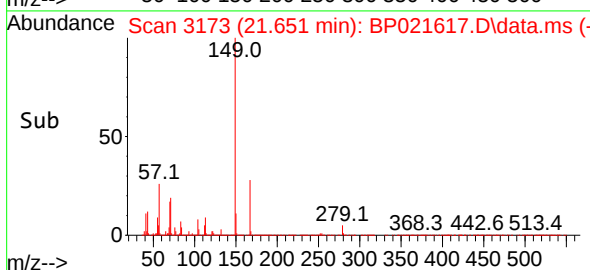
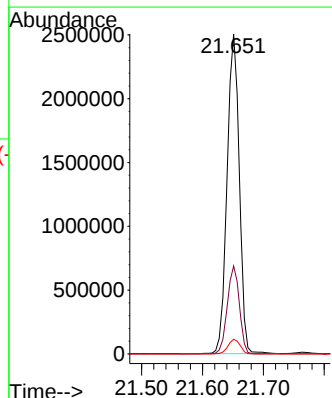
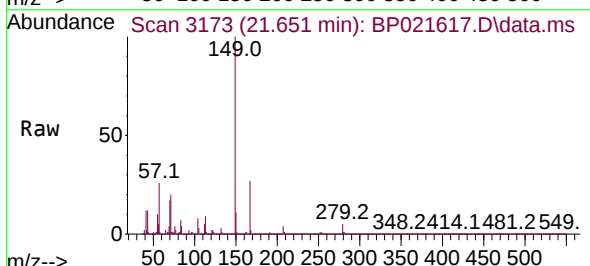
Tgt Ion:149 Resp: 3495203

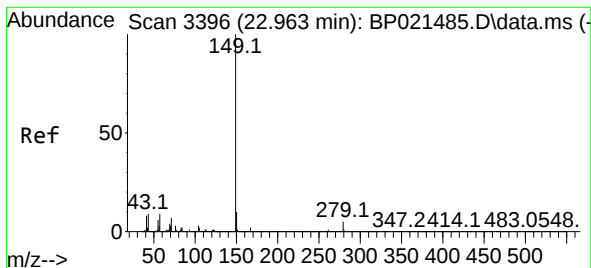
Ion Ratio Lower Upper

149 100

167 27.5 22.3 33.5

279 4.6 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 44.590 ng

RT: 22.969 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP021617.D

Acq: 22 Aug 2024 17:14

Instrument :

BNA\_P

ClientSampleId :

WC-1MSD

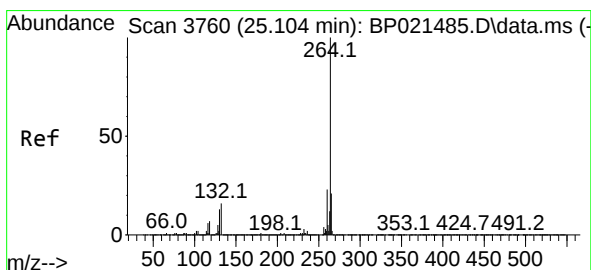
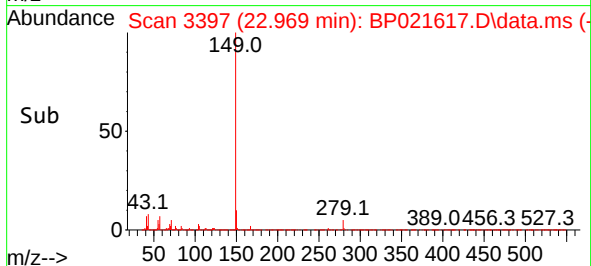
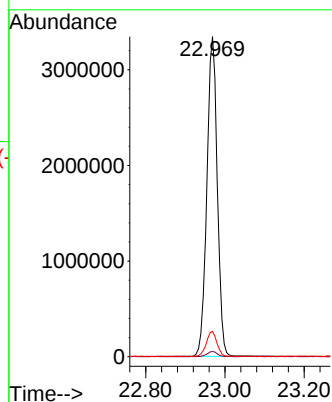
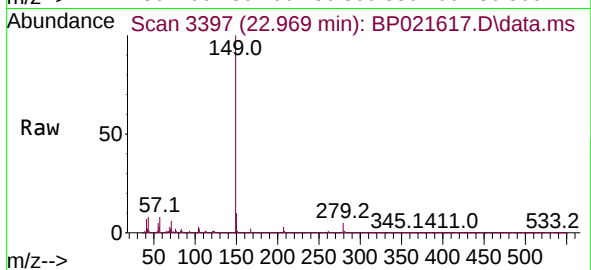
Tgt Ion:149 Resp: 6103776

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.9 7.3 10.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.145 min Scan# 3767

Delta R.T. -0.006 min

Lab File: BP021617.D

Acq: 22 Aug 2024 17:14

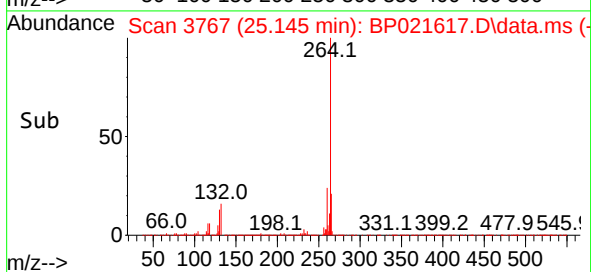
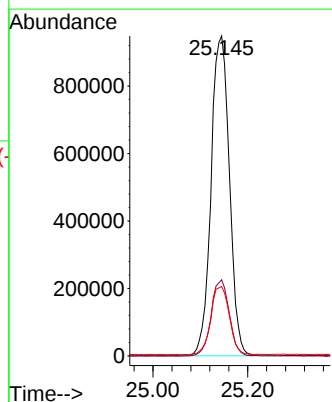
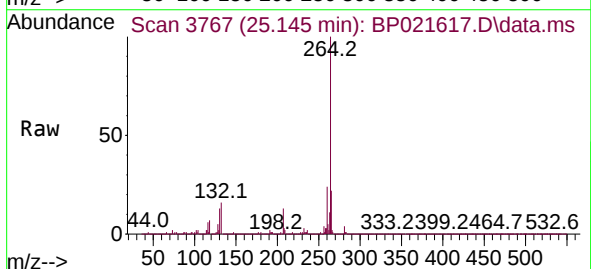
Tgt Ion:264 Resp: 2549805

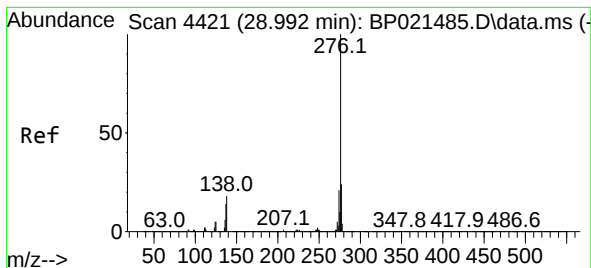
Ion Ratio Lower Upper

264 100

260 23.8 18.6 28.0

265 21.7 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.357 ng m

RT: 29.057 min Scan# 4421

Delta R.T. 0.000 min

Lab File: BP021617.D

Acq: 22 Aug 2024 17:14

Instrument :

BNA\_P

ClientSampleId :

WC-1MSD

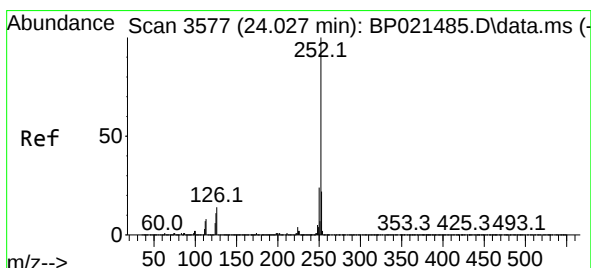
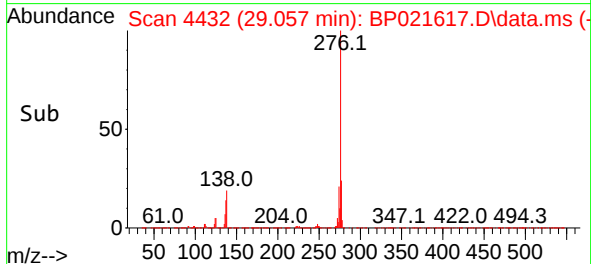
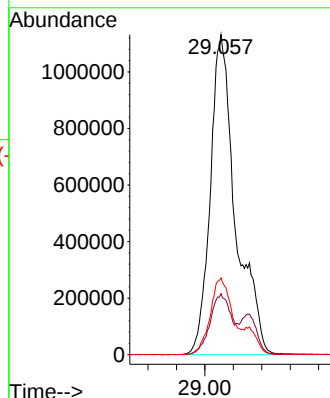
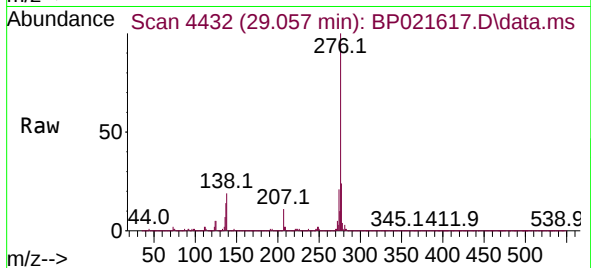
Tgt Ion:276 Resp: 7000775

Ion Ratio Lower Upper

276 100

138 16.2 12.8 19.2

277 20.4 16.5 24.7



#88

Benzo(b)fluoranthene

Concen: 38.797 ng

RT: 24.074 min Scan# 3585

Delta R.T. 0.018 min

Lab File: BP021617.D

Acq: 22 Aug 2024 17:14

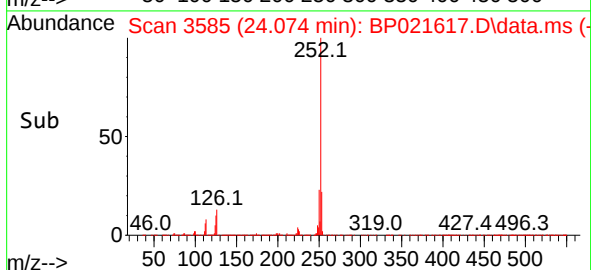
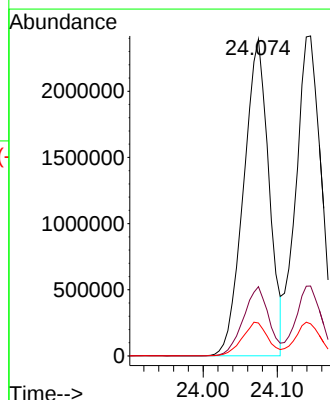
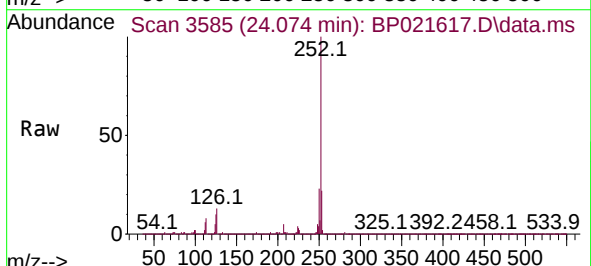
Tgt Ion:252 Resp: 5681405

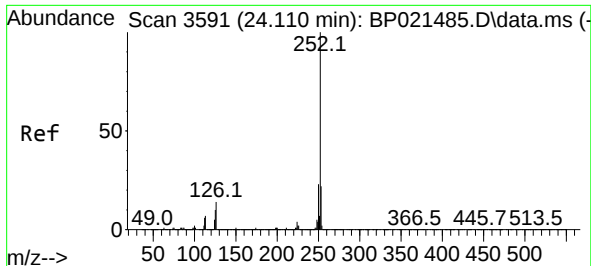
Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 10.4 8.6 13.0

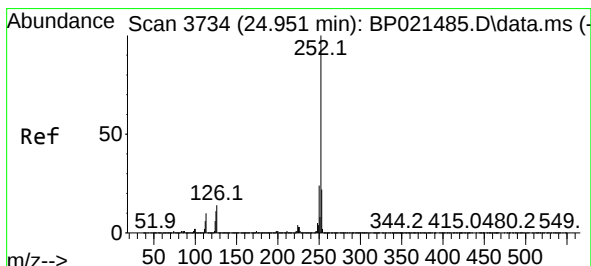
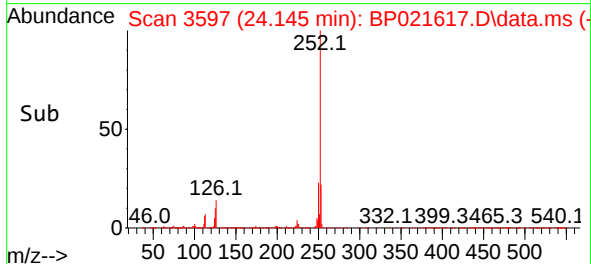
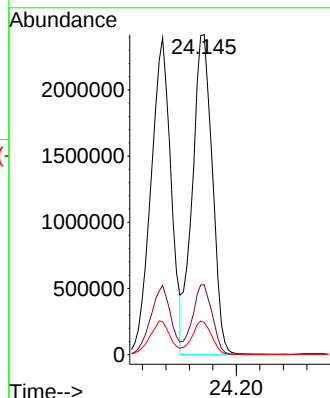
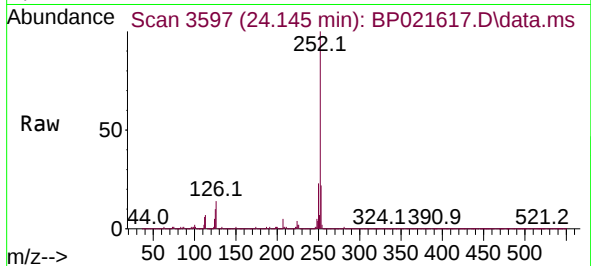




#89  
Benzo(k)fluoranthene  
Concen: 39.799 ng  
RT: 24.145 min Scan# 31  
Delta R.T. 0.012 min  
Lab File: BP021617.D  
Acq: 22 Aug 2024 17:14

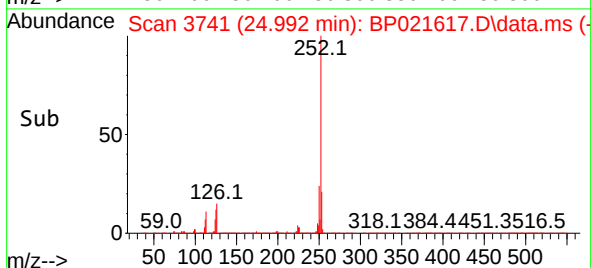
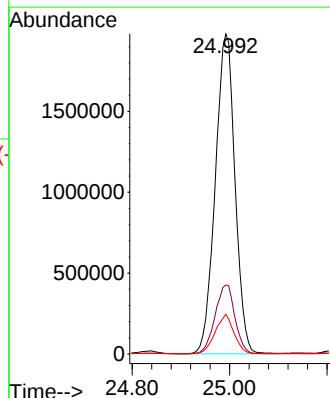
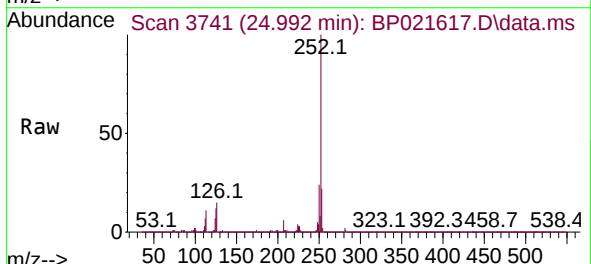
Instrument :  
BNA\_P  
ClientSampleId :  
WC-1MSD

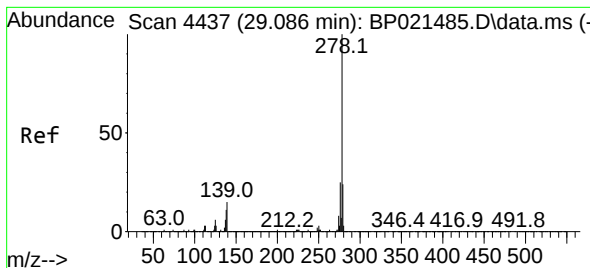
Tgt Ion:252 Resp: 5685499  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.5 26.3  
125 10.0 7.8 11.8



#90  
Benzo(a)pyrene  
Concen: 43.685 ng  
RT: 24.992 min Scan# 3741  
Delta R.T. 0.012 min  
Lab File: BP021617.D  
Acq: 22 Aug 2024 17:14

Tgt Ion:252 Resp: 5551628  
Ion Ratio Lower Upper  
252 100  
253 21.6 17.7 26.5  
125 12.4 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 41.245 ng

RT: 29.157 min Scan# 4449

Delta R.T. 0.024 min

Lab File: BP021617.D

Acq: 22 Aug 2024 17:14

Instrument :

BNA\_P

ClientSampleId :

WC-1MSD

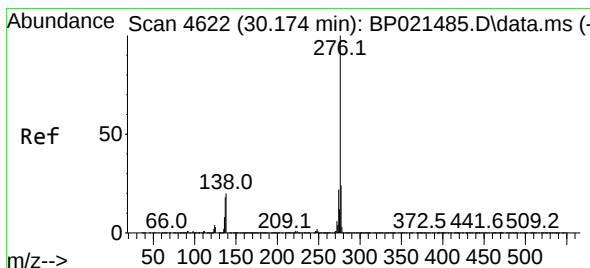
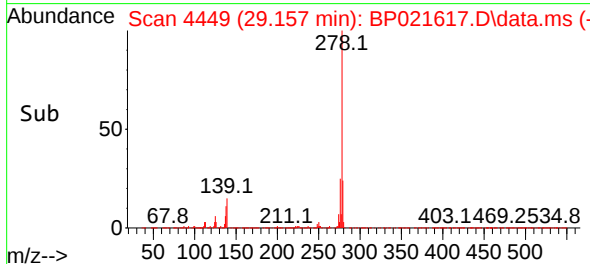
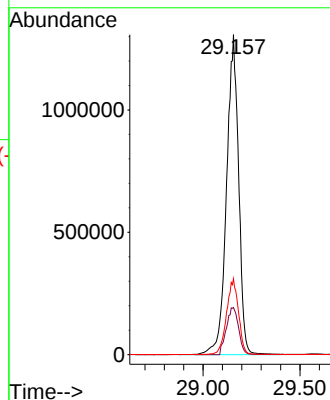
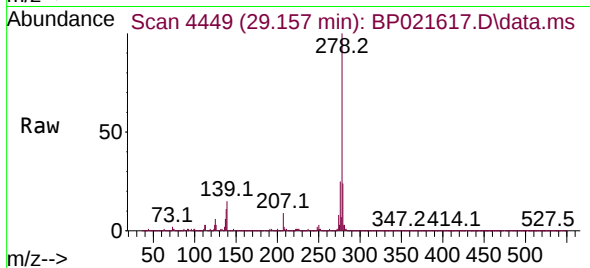
Tgt Ion:278 Resp: 5664144

Ion Ratio Lower Upper

278 100

139 14.7 12.2 18.4

279 23.7 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 39.021 ng

RT: 30.268 min Scan# 4638

Delta R.T. 0.006 min

Lab File: BP021617.D

Acq: 22 Aug 2024 17:14

Tgt Ion:276 Resp: 5370976

Ion Ratio Lower Upper

276 100

277 23.1 19.0 28.6

138 20.6 16.0 24.0

