

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP022224\  
 Data File : BP019819.D  
 Acq On : 22 Feb 2024 11:54  
 Operator : MA/JU  
 Sample : PB159185BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB159185BS

Quant Time: Feb 22 12:21:12 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP013124.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Feb 19 23:35:42 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.893  | 152  | 74714    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.693 | 136  | 308653   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.528 | 164  | 197368   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10          | 17.287 | 188  | 465076   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.380 | 240  | 467688   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12              | 23.798 | 264  | 490307   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.470  | 112  | 624516   | 134.737 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.069  | 99   | 811086   | 129.778 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.063  | 82   | 559107   | 78.492  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.028 | 330  | 500908   | 173.823 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.157 | 172  | 1351069  | 84.625  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.851 | 244  | 2658608  | 93.485  | ng    | -0.01    |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.376  | 88   | 59134    | 33.113  | ng    | 96       |
| 3) Pyridine                   | 3.776  | 79   | 155018   | 32.018  | ng    | 96       |
| 4) n-Nitrosodimethylamine     | 3.693  | 42   | 88181    | 41.834  | ng    | 99       |
| 6) Aniline                    | 7.228  | 93   | 166808   | 27.468  | ng    | 99       |
| 8) 2-Chlorophenol             | 7.458  | 128  | 228466   | 48.010  | ng    | 98       |
| 9) Benzaldehyde               | 7.046  | 77   | 90857    | 20.735  | ng    | 97       |
| 10) Phenol                    | 7.099  | 94   | 290262   | 46.598  | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.328  | 93   | 211752   | 43.695  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 7.775  | 146  | 250326   | 42.990  | ng    | 100      |
| 13) 1,4-Dichlorobenzene       | 7.928  | 146  | 257724   | 43.687  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.240  | 146  | 245193   | 42.957  | ng    | 98       |
| 15) Benzyl Alcohol            | 8.146  | 79   | 235222   | 47.104  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.416  | 45   | 209249   | 43.179  | ng    | 99       |
| 17) 2-Methylphenol            | 8.346  | 107  | 194514   | 46.383  | ng    | 99       |
| 18) Hexachloroethane          | 8.958  | 117  | 97466    | 42.624  | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 8.711  | 70   | 184361   | 43.187  | ng    | 99       |
| 20) 3+4-Methylphenols         | 8.675  | 107  | 264154   | 46.154  | ng    | 96       |
| 22) Acetophenone              | 8.728  | 105  | 355471   | 40.426  | ng    | # 98     |
| 24) Nitrobenzene              | 9.111  | 77   | 276115   | 38.500  | ng    | 99       |
| 25) Isophorone                | 9.634  | 82   | 499330   | 40.251  | ng    | 99       |
| 26) 2-Nitrophenol             | 9.810  | 139  | 126327   | 46.196  | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 9.875  | 122  | 172879   | 49.441  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 10.116 | 93   | 283919   | 40.451  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 10.346 | 162  | 255559   | 48.348  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.552 | 180  | 289598   | 44.684  | ng    | 99       |
| 31) Naphthalene               | 10.740 | 128  | 735798   | 43.466  | ng    | 99       |
| 32) Benzoic acid              | 10.040 | 122  | 163745   | 48.063  | ng    | 97       |
| 33) 4-Chloroaniline           | 10.869 | 127  | 106359   | 16.989  | ng    | 97       |
| 34) Hexachlorobutadiene       | 11.010 | 225  | 201649   | 41.987  | ng    | 97       |
| 35) Caprolactam               | 11.681 | 113  | 72366    | 48.361  | ng    | 95       |
| 36) 4-Chloro-3-methylphenol   | 11.993 | 107  | 265625   | 46.087  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 12.352 | 142  | 489612   | 41.793  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.569 | 142  | 465855   | 40.465  | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 12.716 | 216  | 348647   | 45.804  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.681 | 237  | 395121   | 114.907 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 12.963 | 196  | 223671   | 48.528  | ng    | 98       |

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Feb 19 23:35:42 2024  
 Response via : Initial Calibration

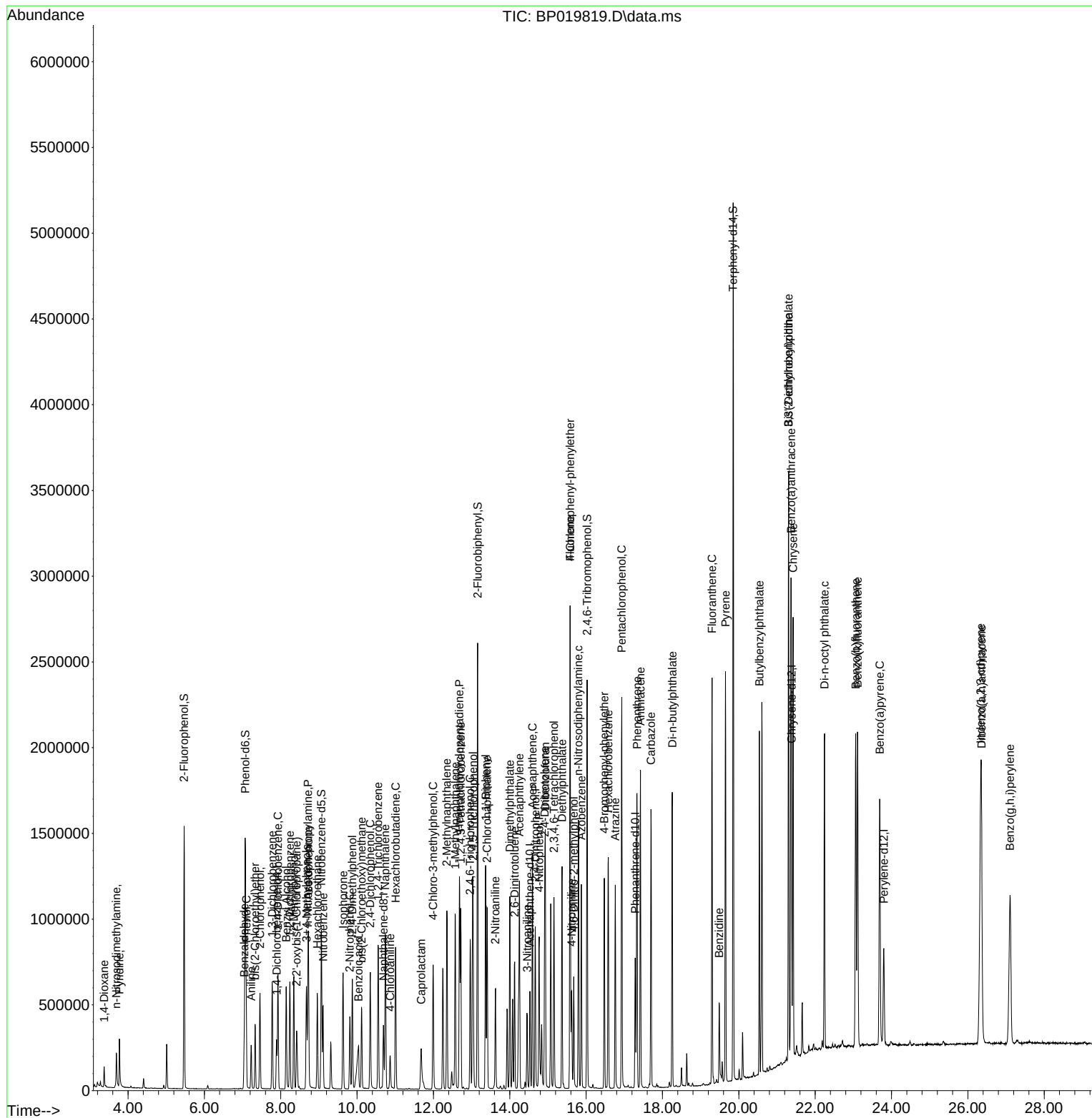
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.040 | 196  | 246210   | 48.647  | ng    | 95       |
| 46) 1,1'-Biphenyl             | 13.369 | 154  | 679911   | 43.162  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.404 | 162  | 536786   | 41.511  | ng    | 99       |
| 48) 2-Nitroaniline            | 13.622 | 65   | 171757   | 47.502  | ng    | 99       |
| 49) Acenaphthylene            | 14.251 | 152  | 864182   | 47.635  | ng    | 100      |
| 50) Dimethylphthalate         | 14.004 | 163  | 717621   | 47.496  | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.128 | 165  | 157179   | 47.349  | ng    | 94       |
| 52) Acenaphthene              | 14.593 | 154  | 495157   | 43.976  | ng    | 100      |
| 53) 3-Nitroaniline            | 14.457 | 138  | 106653   | 34.960  | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 14.669 | 184  | 217293   | 126.072 | ng    | 97       |
| 55) Dibenzofuran              | 14.934 | 168  | 844253   | 46.036  | ng    | 98       |
| 56) 4-Nitrophenol             | 14.769 | 139  | 254104   | 101.623 | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 14.916 | 165  | 226055   | 51.965  | ng    | 97       |
| 58) Fluorene                  | 15.581 | 166  | 691137   | 47.317  | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 15.157 | 232  | 237003   | 55.672  | ng    | 95       |
| 60) Diethylphthalate          | 15.369 | 149  | 716325   | 47.665  | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 15.581 | 204  | 393790   | 47.967  | ng    | 95       |
| 62) 4-Nitroaniline            | 15.622 | 138  | 156569   | 48.963  | ng    | 98       |
| 63) Azobenzene                | 15.875 | 77   | 660557   | 45.454  | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.675 | 198  | 148593   | 56.033  | ng    | 96       |
| 66) n-Nitrosodiphenylamine    | 15.798 | 169  | 606509   | 43.544  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.475 | 248  | 266351   | 45.812  | ng    | 98       |
| 68) Hexachlorobenzene         | 16.581 | 284  | 313182   | 46.128  | ng    | 93       |
| 69) Atrazine                  | 16.763 | 200  | 234790   | 50.799  | ng    | 95       |
| 70) Pentachlorophenol         | 16.934 | 266  | 435144   | 102.917 | ng    | 99       |
| 71) Phenanthrene              | 17.334 | 178  | 1118789  | 45.711  | ng    | 100      |
| 72) Anthracene                | 17.422 | 178  | 1144028  | 46.856  | ng    | 99       |
| 73) Carbazole                 | 17.698 | 167  | 1032962  | 46.571  | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.257 | 149  | 1246830  | 46.491  | ng    | 99       |
| 75) Fluoranthene              | 19.298 | 202  | 1425751  | 47.685  | ng    | 99       |
| 77) Benzidine                 | 19.486 | 184  | 320374   | 32.765  | ng    | 99       |
| 78) Pyrene                    | 19.651 | 202  | 1483774  | 44.953  | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.539 | 149  | 560292   | 45.454  | ng    | 94       |
| 81) Benzo(a)anthracene        | 21.369 | 228  | 1517264  | 46.087  | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.304 | 252  | 464562   | 38.724  | ng    | 98       |
| 83) Chrysene                  | 21.422 | 228  | 1409720  | 45.102  | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.304 | 149  | 808351   | 43.066  | ng    | 98       |
| 85) Di-n-octyl phthalate      | 22.245 | 149  | 1376585  | 41.684  | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 26.333 | 276  | 1750718  | 46.647  | ng    | 97       |
| 88) Benzo(b)fluoranthene      | 23.063 | 252  | 1507204  | 48.774  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.110 | 252  | 1448662  | 49.077  | ng    | 99       |
| 90) Benzo(a)pyrene            | 23.692 | 252  | 1347722  | 49.016  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 26.357 | 278  | 1464625  | 47.448  | ng #  | 98       |
| 92) Benzo(g,h,i)perylene      | 27.104 | 276  | 1389868  | 44.383  | ng    | 97       |

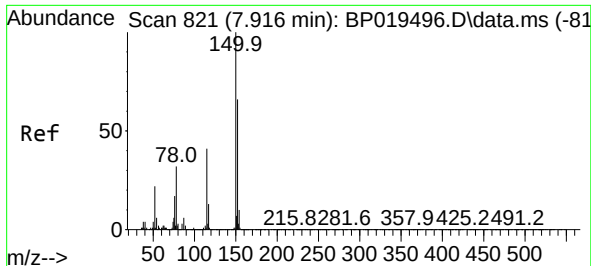
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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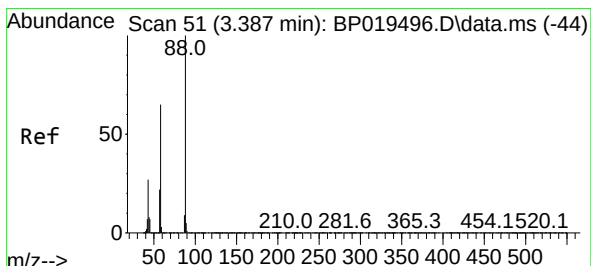
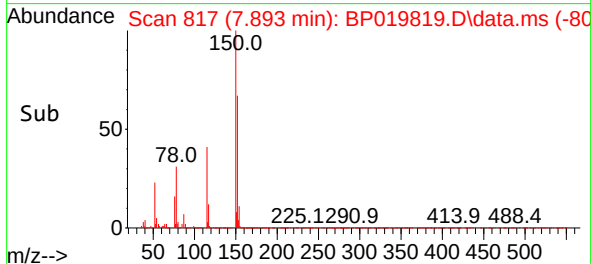
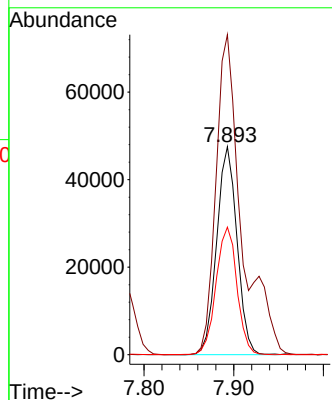
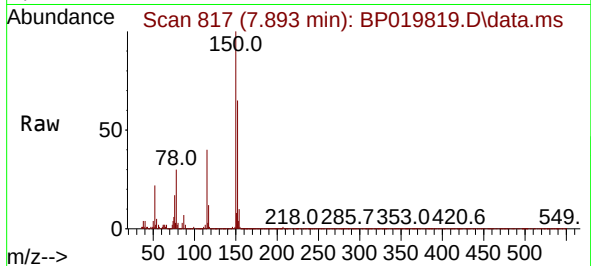




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.893 min Scan# 81  
 Delta R.T. -0.006 min  
 Lab File: BP019819.D  
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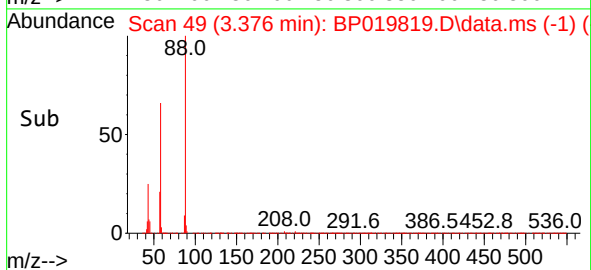
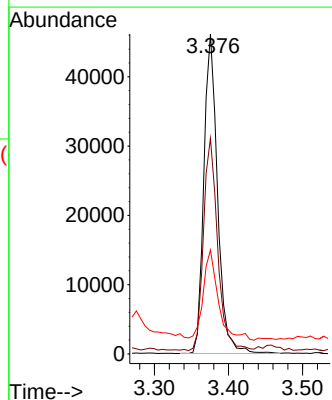
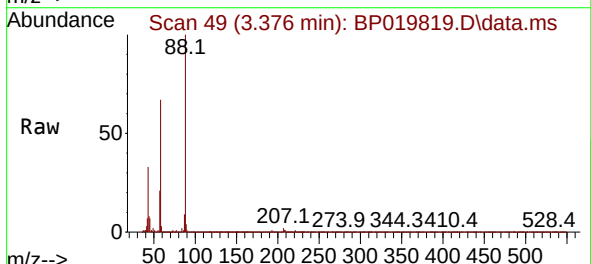
Instrument :  
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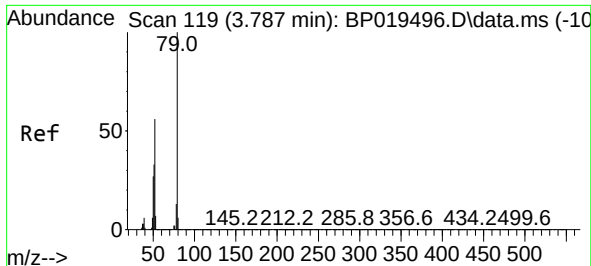
Tgt Ion:152 Resp: 74714  
 Ion Ratio Lower Upper  
 152 100  
 150 153.8 121.8 182.8  
 115 61.3 49.9 74.9



#2  
 1,4-Dioxane  
 Concen: 33.113 ng  
 RT: 3.376 min Scan# 49  
 Delta R.T. -0.006 min  
 Lab File: BP019819.D  
 Acq: 22 Feb 2024 11:54

Tgt Ion: 88 Resp: 59134  
 Ion Ratio Lower Upper  
 88 100  
 58 68.3 52.6 78.8  
 43 31.2 21.9 32.9

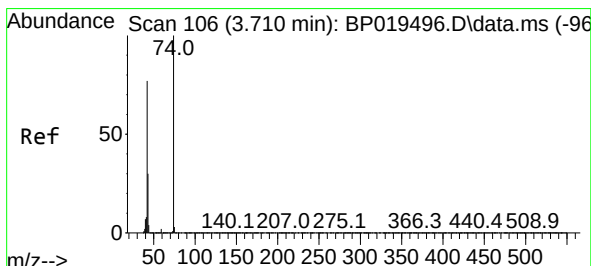
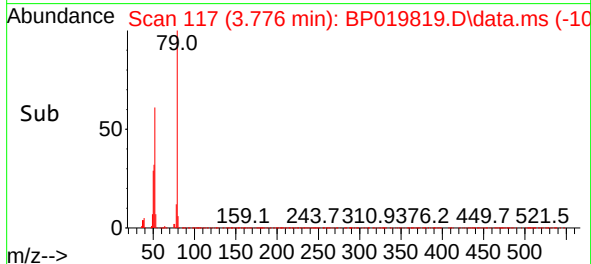
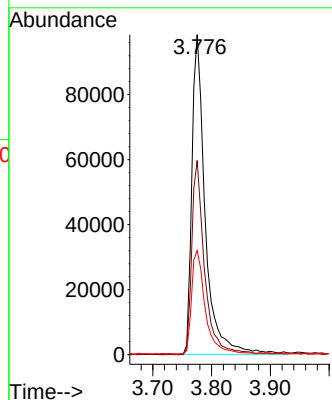
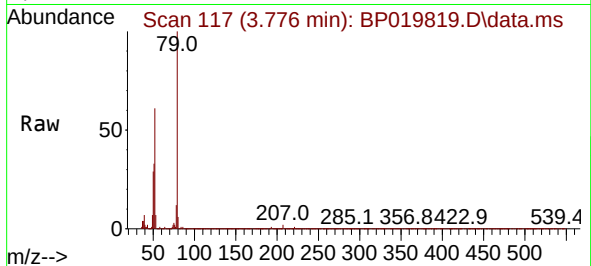




#3  
Pyridine  
Concen: 32.018 ng  
RT: 3.776 min Scan# 119  
Delta R.T. -0.006 min  
Lab File: BP019819.D  
Acq: 22 Feb 2024 11:54

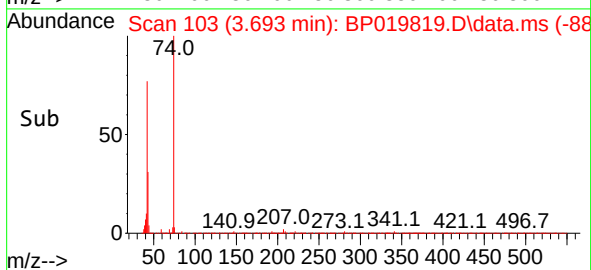
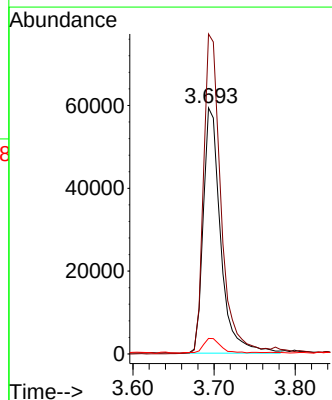
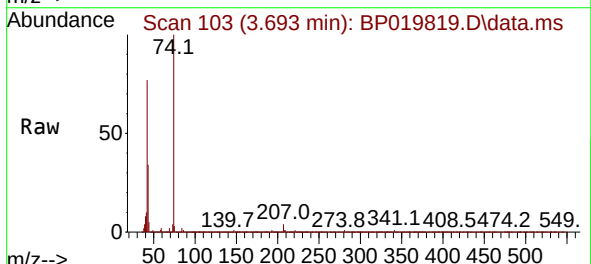
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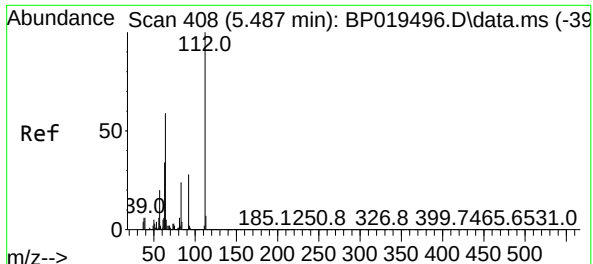
Tgt Ion: 79 Resp: 155018  
Ion Ratio Lower Upper  
79 100  
52 60.7 45.0 67.6  
51 32.6 26.8 40.2



#4  
n-Nitrosodimethylamine  
Concen: 41.834 ng  
RT: 3.693 min Scan# 103  
Delta R.T. -0.012 min  
Lab File: BP019819.D  
Acq: 22 Feb 2024 11:54

Tgt Ion: 42 Resp: 88181  
Ion Ratio Lower Upper  
42 100  
74 130.0 103.4 155.2  
44 6.3 4.8 7.2

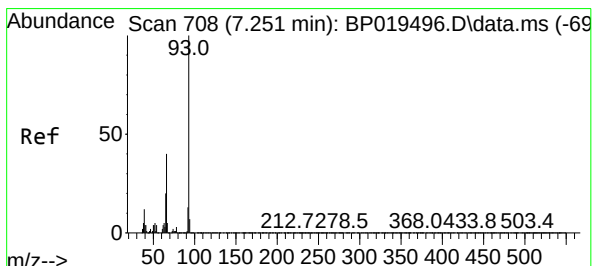
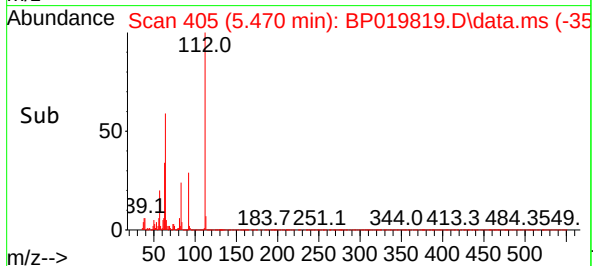
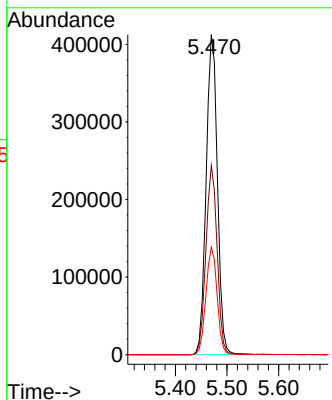
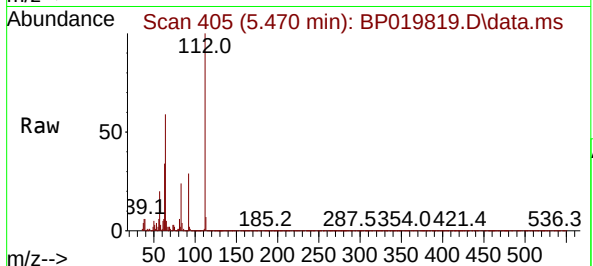




#5  
2-Fluorophenol  
Concen: 134.737 ng  
RT: 5.470 min Scan# 408  
Delta R.T. -0.006 min  
Lab File: BP019819.D  
Acq: 22 Feb 2024 11:54

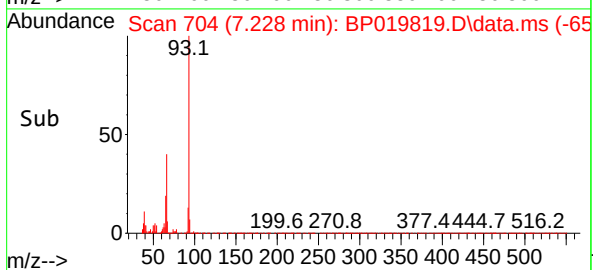
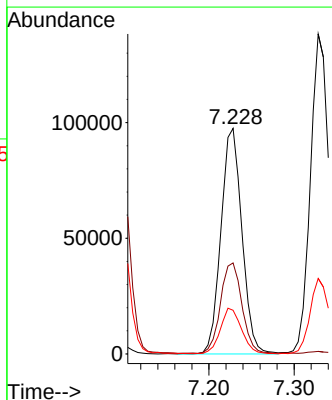
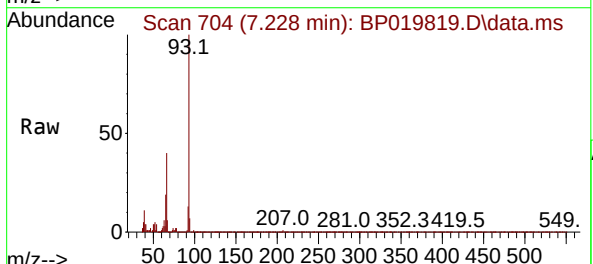
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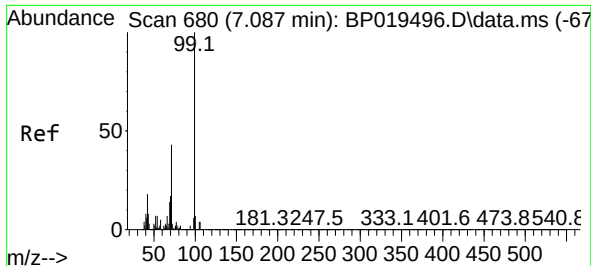
Tgt Ion:112 Resp: 624516  
Ion Ratio Lower Upper  
112 100  
64 59.2 47.4 71.0  
63 33.6 27.0 40.6



#6  
Aniline  
Concen: 27.468 ng  
RT: 7.228 min Scan# 704  
Delta R.T. -0.006 min  
Lab File: BP019819.D  
Acq: 22 Feb 2024 11:54

Tgt Ion: 93 Resp: 166808  
Ion Ratio Lower Upper  
93 100  
66 40.4 32.3 48.5  
65 19.3 16.4 24.6

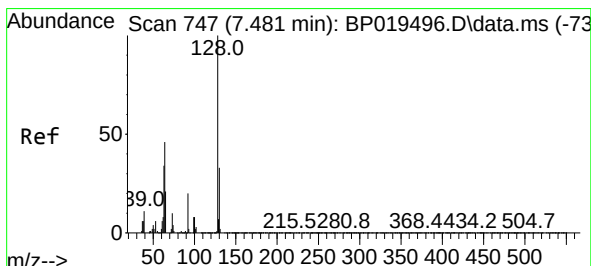
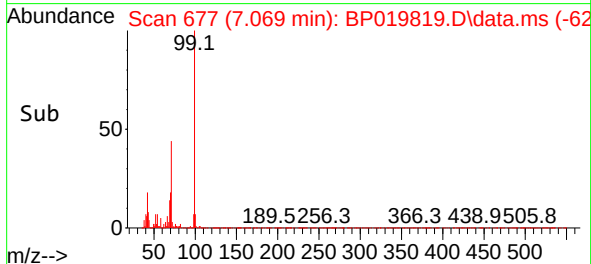
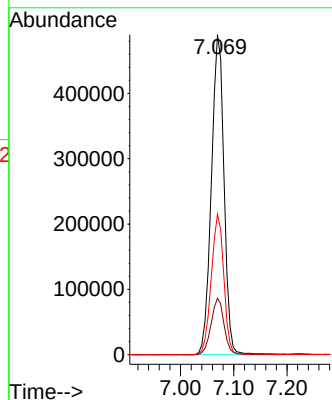
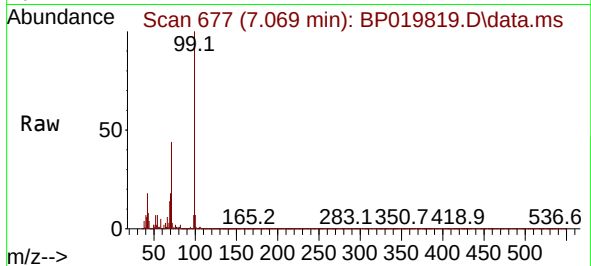




#7  
Phenol-d6  
Concen: 129.778 ng  
RT: 7.069 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BP019819.D  
Acq: 22 Feb 2024 11:54

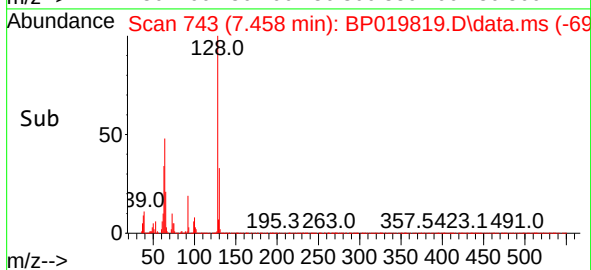
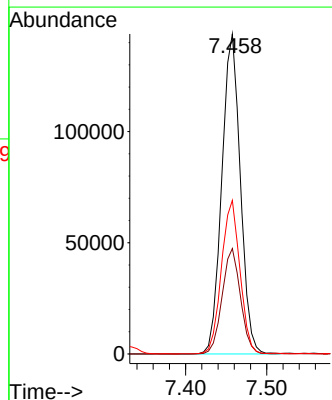
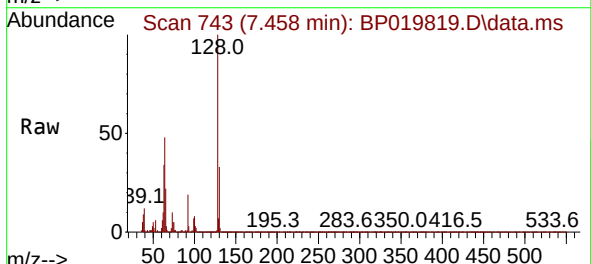
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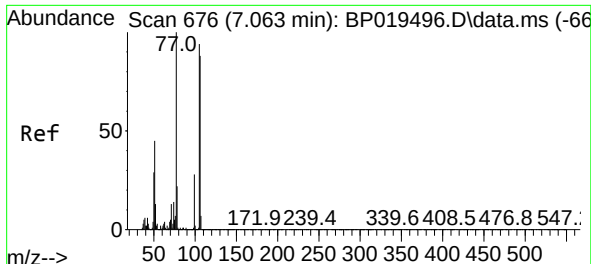
Tgt Ion: 99 Resp: 811086  
Ion Ratio Lower Upper  
99 100  
42 17.6 14.7 22.1  
71 43.9 34.8 52.2



#8  
2-Chlorophenol  
Concen: 48.010 ng  
RT: 7.458 min Scan# 743  
Delta R.T. -0.006 min  
Lab File: BP019819.D  
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Tgt Ion: 128 Resp: 228466  
Ion Ratio Lower Upper  
128 100  
130 32.9 13.3 53.3  
64 48.0 29.7 69.7

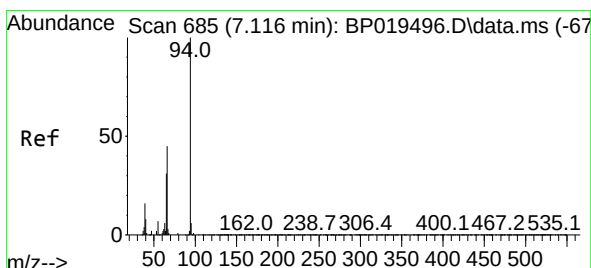
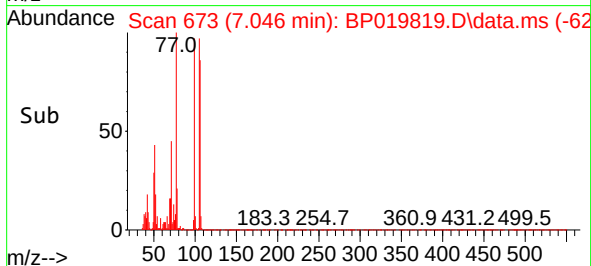
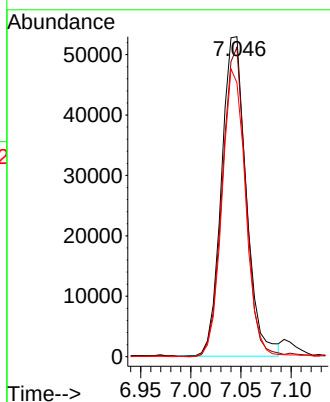
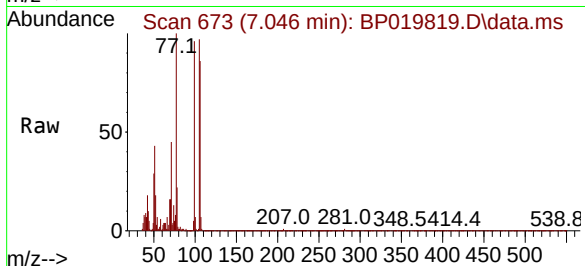




#9  
Benzaldehyde  
Concen: 20.735 ng  
RT: 7.046 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BP019819.D  
Acq: 22 Feb 2024 11:54

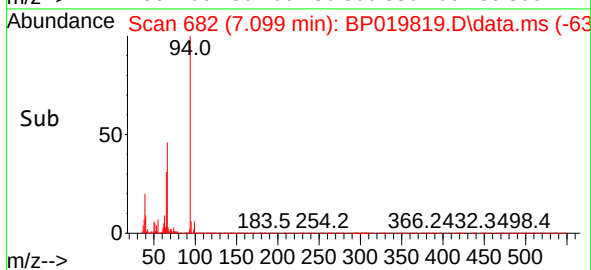
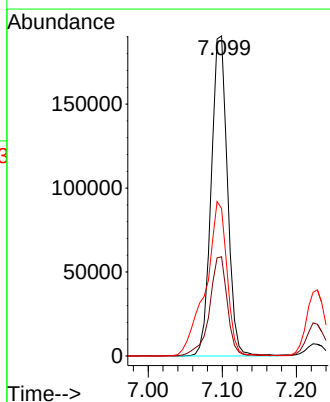
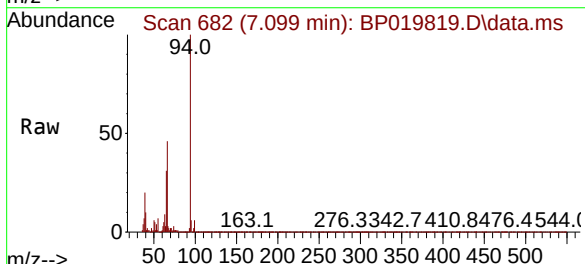
Instrument :  
BNA\_P  
ClientSampleId :  
PB159185BS

Tgt Ion: 77 Resp: 90857  
Ion Ratio Lower Upper  
77 100  
105 96.6 74.0 114.0  
106 85.6 67.8 107.8

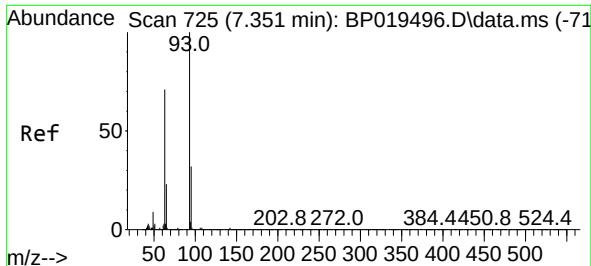


#10  
Phenol  
Concen: 46.598 ng  
RT: 7.099 min Scan# 682  
Delta R.T. 0.000 min  
Lab File: BP019819.D  
Acq: 22 Feb 2024 11:54

Tgt Ion: 94 Resp: 290262  
Ion Ratio Lower Upper  
94 100  
65 31.0 11.3 51.3  
66 46.1 25.1 65.1



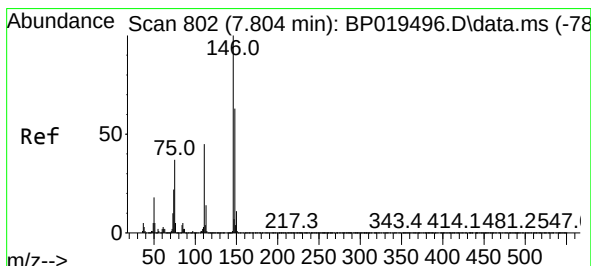
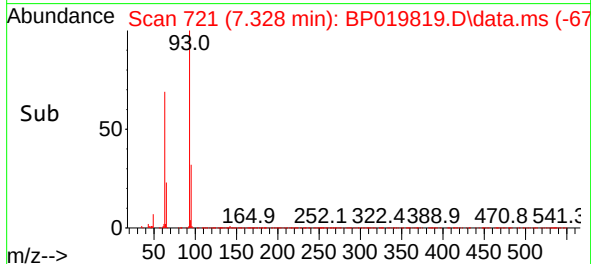
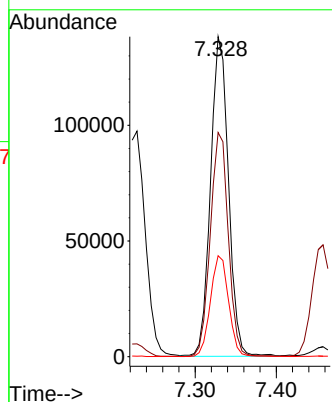
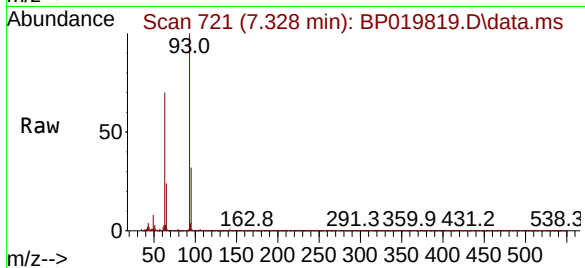




#11  
bis(2-Chloroethyl)ether  
Concen: 43.695 ng  
RT: 7.328 min Scan# 711  
Delta R.T. -0.012 min  
Lab File: BP019819.D  
Acq: 22 Feb 2024 11:54

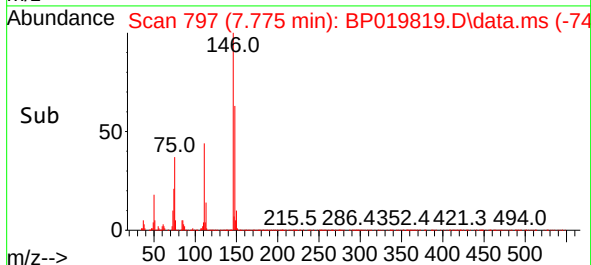
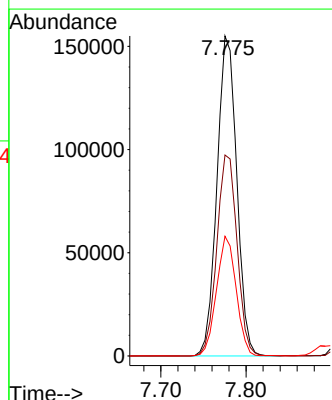
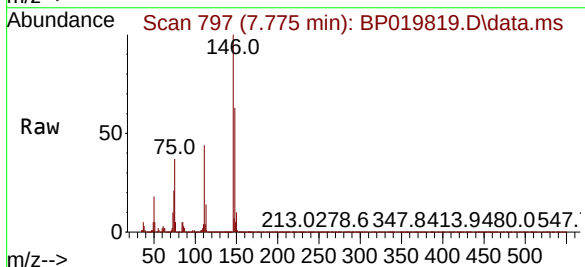
Instrument :  
BNA\_P  
ClientSampleId :  
PB159185BS

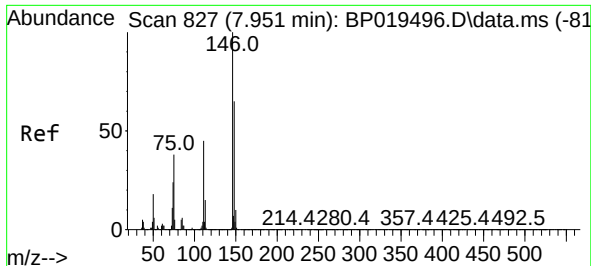
Tgt Ion: 93 Resp: 211752  
Ion Ratio Lower Upper  
93 100  
63 70.0 51.2 91.2  
95 31.5 11.8 51.8



#12  
1,3-Dichlorobenzene  
Concen: 42.990 ng  
RT: 7.775 min Scan# 797  
Delta R.T. -0.012 min  
Lab File: BP019819.D  
Acq: 22 Feb 2024 11:54

Tgt Ion:146 Resp: 250326  
Ion Ratio Lower Upper  
146 100  
148 62.8 50.4 75.6  
75 37.4 29.9 44.9

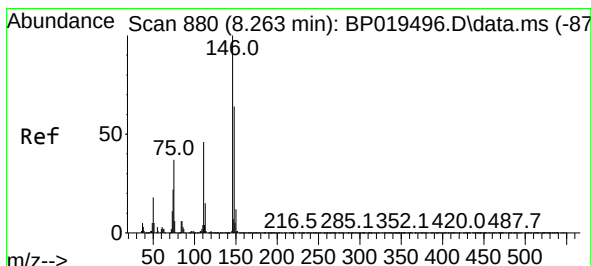
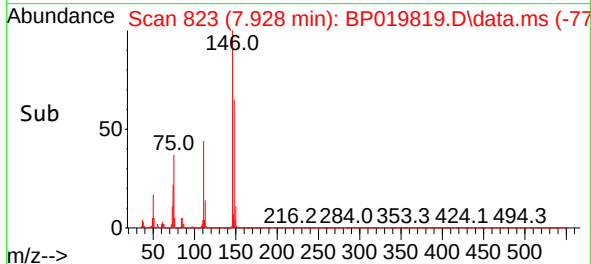
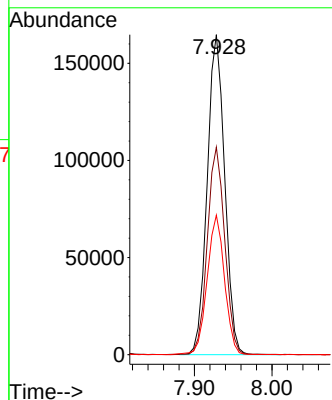
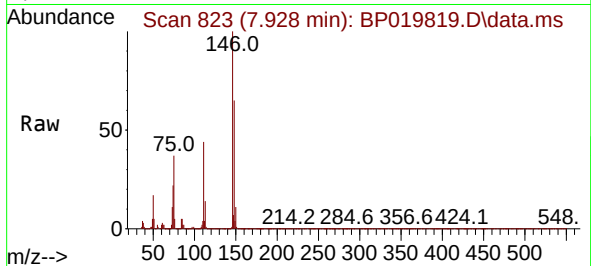




#13  
1,4-Dichlorobenzene  
Concen: 43.687 ng  
RT: 7.928 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BP019819.D  
Acq: 22 Feb 2024 11:54

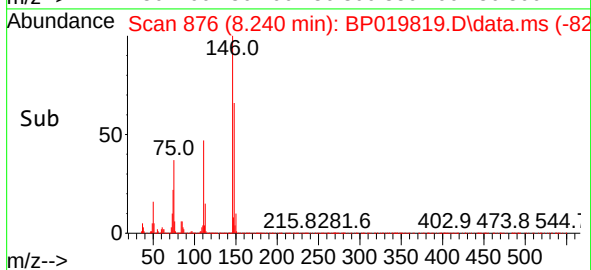
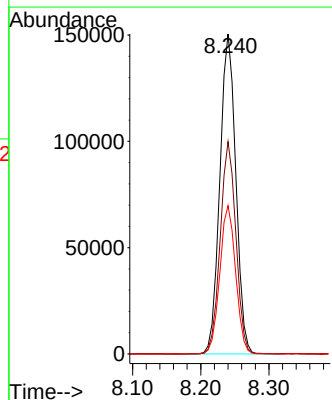
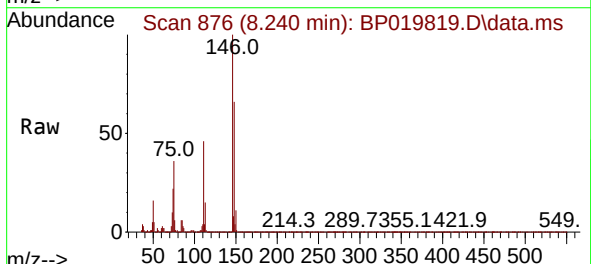
Instrument :  
BNA\_P  
ClientSampleId :  
PB159185BS

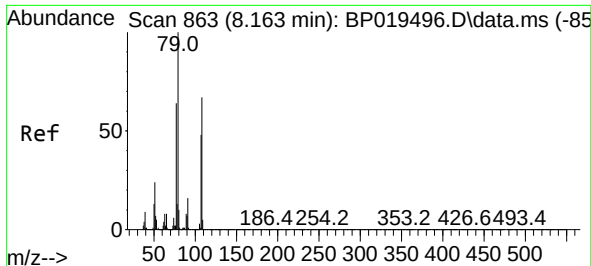
Tgt Ion:146 Resp: 257724  
Ion Ratio Lower Upper  
146 100  
148 64.8 51.9 77.9  
111 43.6 35.8 53.6



#14  
1,2-Dichlorobenzene  
Concen: 42.957 ng  
RT: 8.240 min Scan# 876  
Delta R.T. -0.012 min  
Lab File: BP019819.D  
Acq: 22 Feb 2024 11:54

Tgt Ion:146 Resp: 245193  
Ion Ratio Lower Upper  
146 100  
148 66.4 51.4 77.0  
111 46.4 37.0 55.6

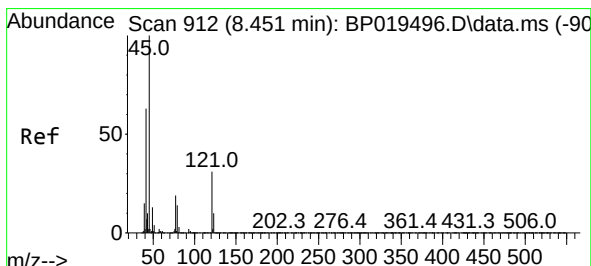
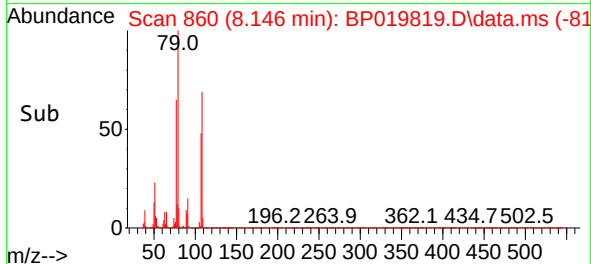
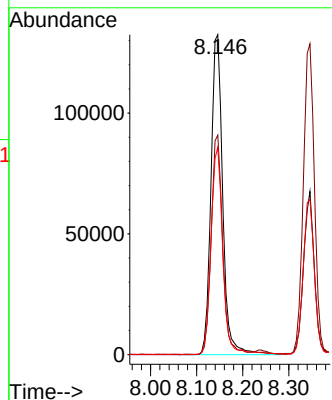
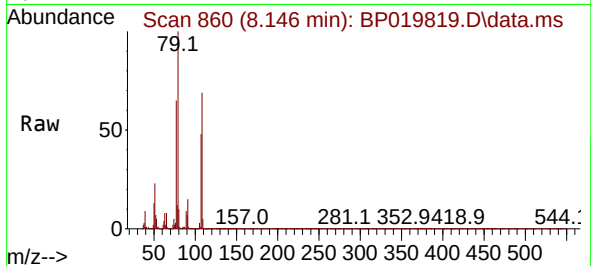




#15  
Benzyl Alcohol  
Concen: 47.104 ng  
RT: 8.146 min Scan# 80  
Delta R.T. -0.006 min  
Lab File: BP019819.D  
Acq: 22 Feb 2024 11:54

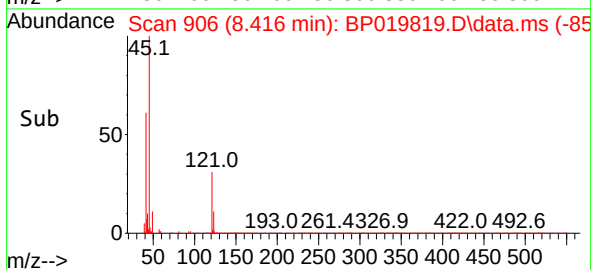
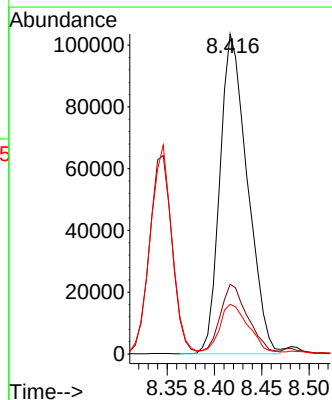
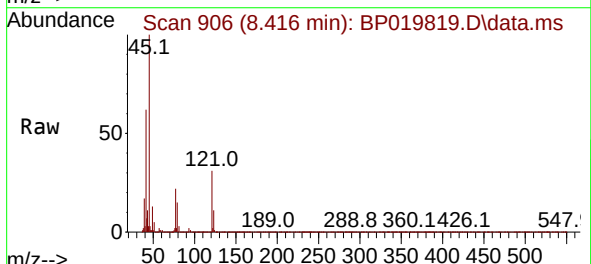
Instrument :  
BNA\_P  
ClientSampleId :  
PB159185BS

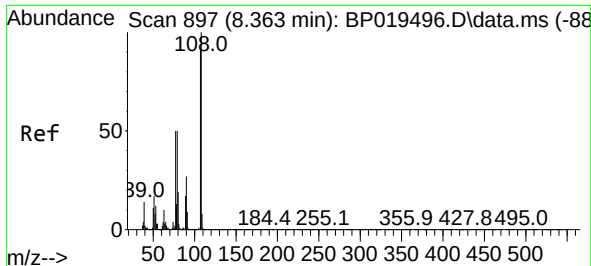
Tgt Ion: 79 Resp: 235222  
Ion Ratio Lower Upper  
79 100  
108 68.6 53.8 80.6  
77 64.8 51.3 76.9



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 43.179 ng  
RT: 8.416 min Scan# 906  
Delta R.T. -0.023 min  
Lab File: BP019819.D  
Acq: 22 Feb 2024 11:54

Tgt Ion: 45 Resp: 209249  
Ion Ratio Lower Upper  
45 100  
77 21.8 0.8 40.8  
79 15.5 0.0 35.5

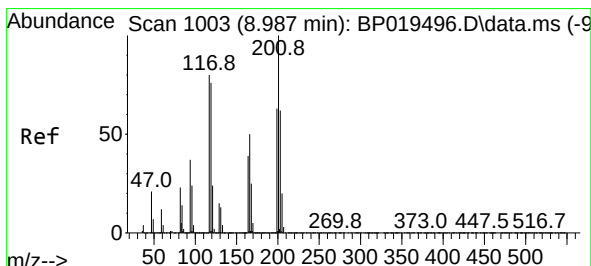
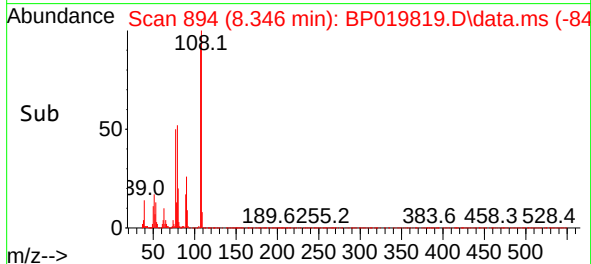
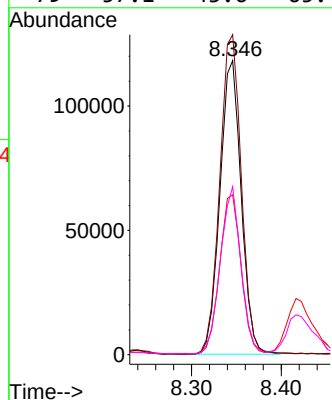
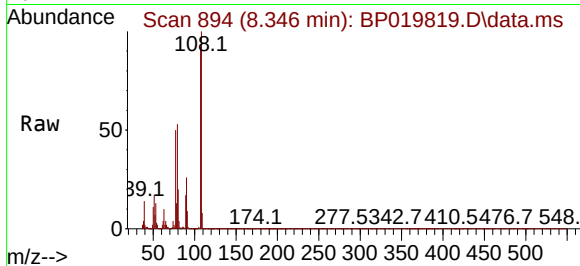




#17  
2-Methylphenol  
Concen: 46.383 ng  
RT: 8.346 min Scan# 897  
Delta R.T. 0.000 min  
Lab File: BP019819.D  
Acq: 22 Feb 2024 11:54

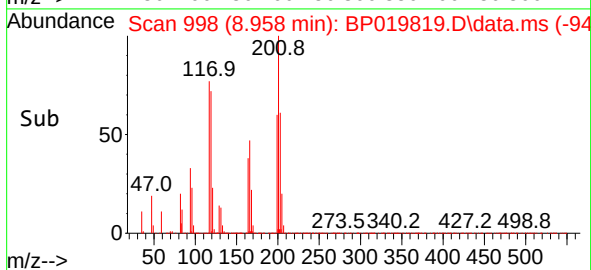
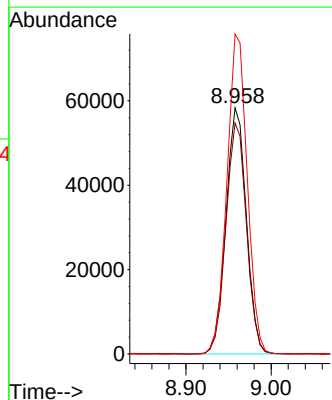
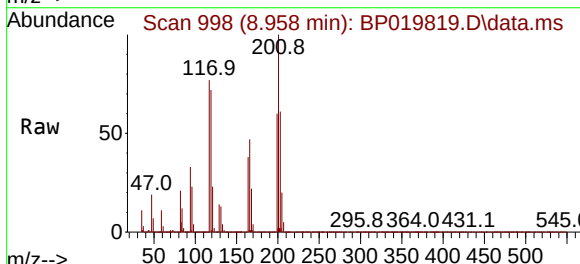
Instrument :  
BNA\_P  
ClientSampleId :  
PB159185BS

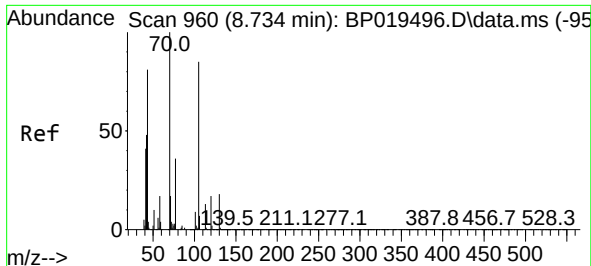
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 194514 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 108.8 | 87.0  | 130.6  |
| 77       | 54.3  | 43.5  | 65.3   |
| 79       | 57.1  | 43.6  | 65.4   |



#18  
Hexachloroethane  
Concen: 42.624 ng  
RT: 8.958 min Scan# 998  
Delta R.T. -0.012 min  
Lab File: BP019819.D  
Acq: 22 Feb 2024 11:54

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 97466 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 93.8  | 75.5  | 113.3 |
| 201      | 130.0 | 99.4  | 149.2 |

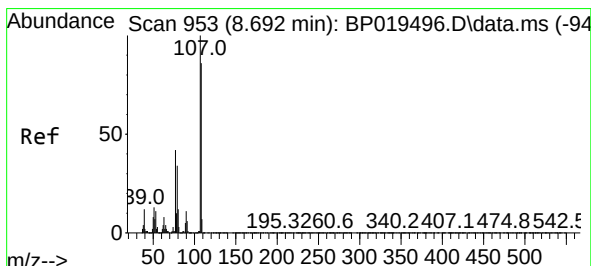
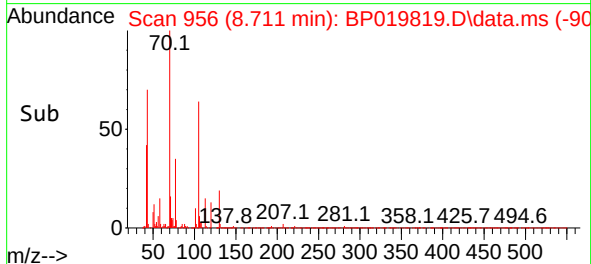
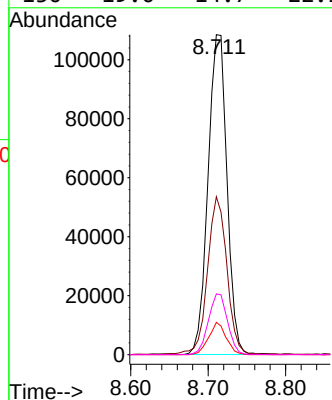
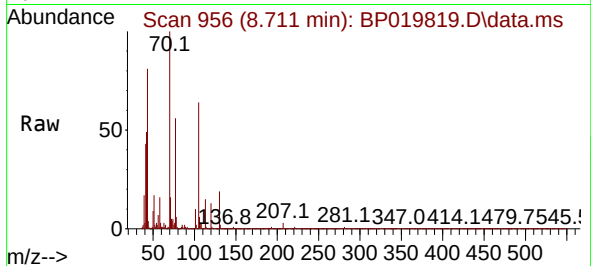




#19  
n-Nitroso-di-n-propylamine  
Concen: 43.187 ng  
RT: 8.711 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BP019819.D  
Acq: 22 Feb 2024 11:54

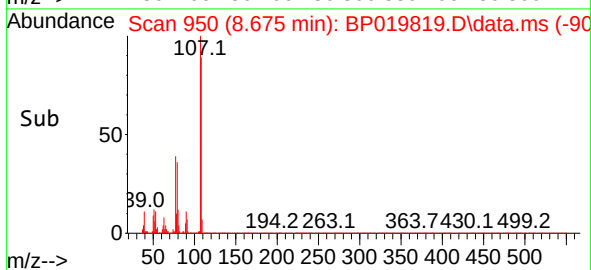
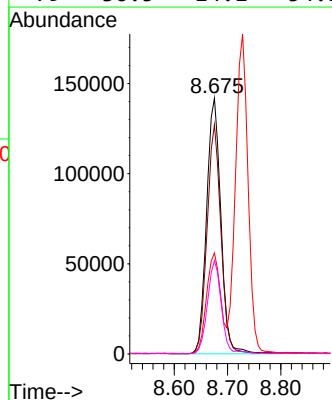
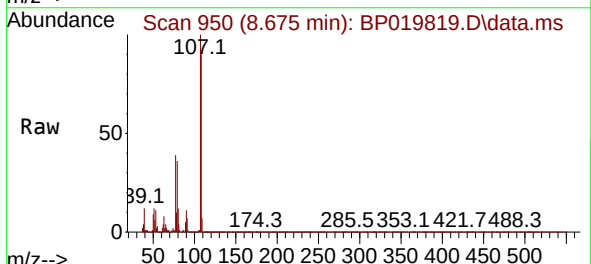
Instrument :  
BNA\_P  
ClientSampleId :  
PB159185BS

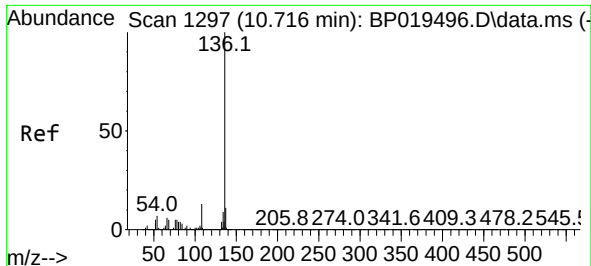
Tgt Ion: 70 Resp: 184361  
Ion Ratio Lower Upper  
70 100  
42 49.3 39.2 58.8  
101 10.1 7.3 10.9  
130 19.0 14.7 22.1



#20  
3+4-Methylphenols  
Concen: 46.154 ng  
RT: 8.675 min Scan# 950  
Delta R.T. -0.006 min  
Lab File: BP019819.D  
Acq: 22 Feb 2024 11:54

Tgt Ion: 107 Resp: 264154  
Ion Ratio Lower Upper  
107 100  
108 89.6 65.5 105.5  
77 39.5 21.8 61.8  
79 36.5 14.1 54.1

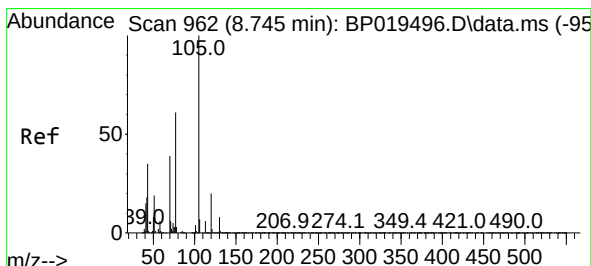
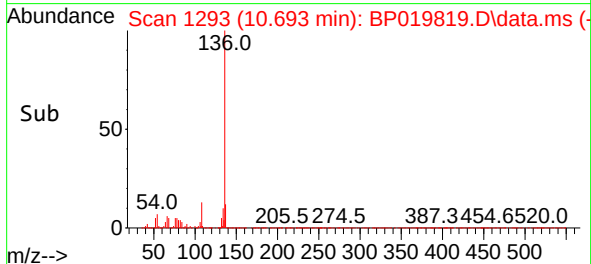
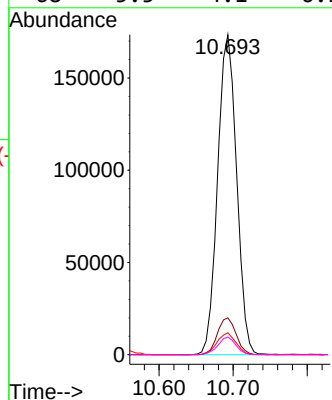
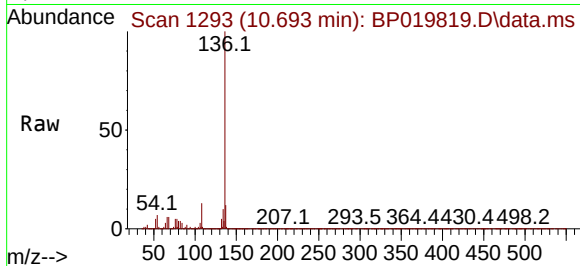




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.693 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BP019819.D  
Acq: 22 Feb 2024 11:54

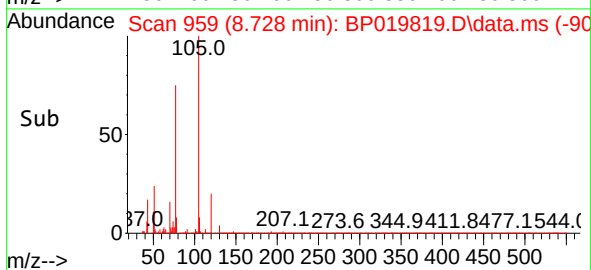
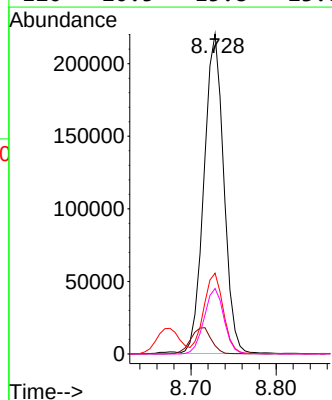
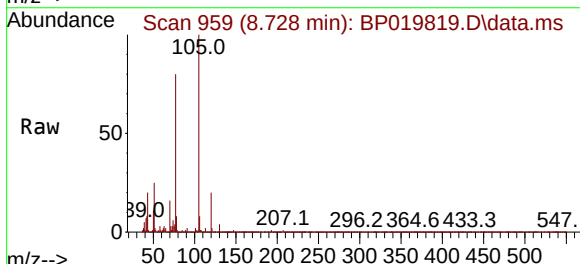
Instrument :  
BNA\_P  
ClientSampleId :  
PB159185BS

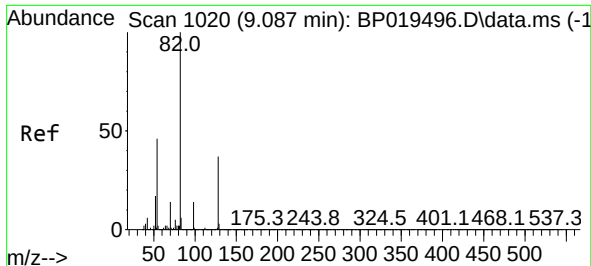
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 308653 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.5  | 8.8   | 13.2   |
| 54       | 6.8   | 5.3   | 7.9    |
| 68       | 5.5   | 4.1   | 6.1    |



#22  
Acetophenone  
Concen: 40.426 ng  
RT: 8.728 min Scan# 959  
Delta R.T. -0.006 min  
Lab File: BP019819.D  
Acq: 22 Feb 2024 11:54

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 355471 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 2.6   | 4.9   | 7.3    |
| 51       | 25.2  | 20.7  | 31.1   |
| 120      | 20.5  | 15.8  | 23.8   |

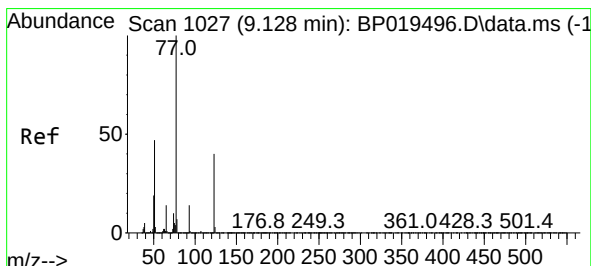
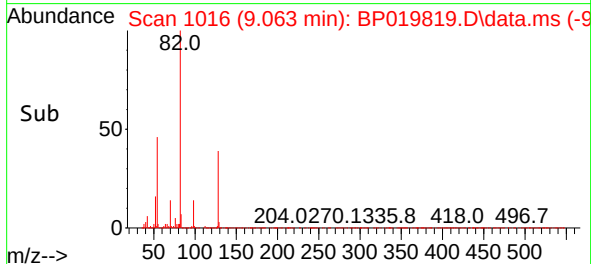
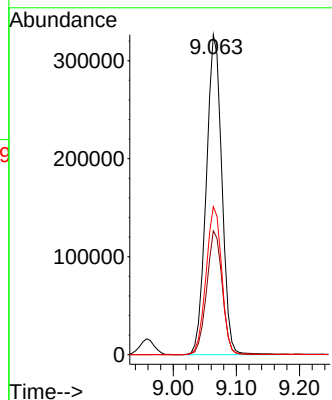
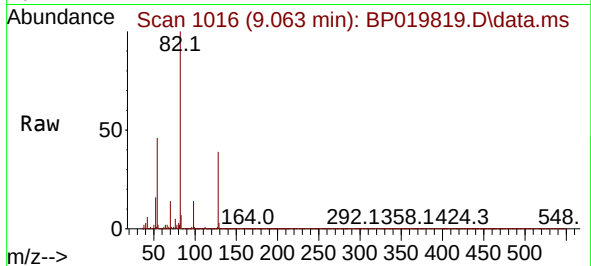




#23  
Nitrobenzene-d5  
Concen: 78.492 ng  
RT: 9.063 min Scan# 1016  
Delta R.T. -0.006 min  
Lab File: BP019819.D  
Acq: 22 Feb 2024 11:54

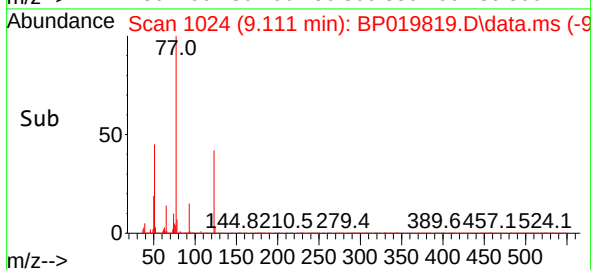
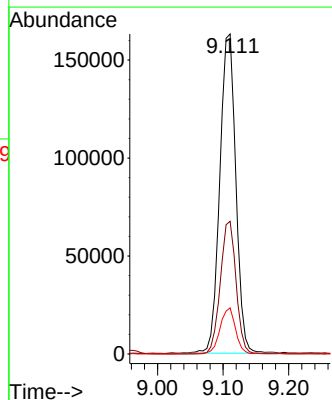
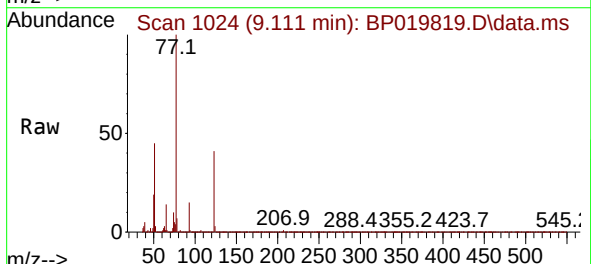
Instrument :  
BNA\_P  
ClientSampleId :  
PB159185BS

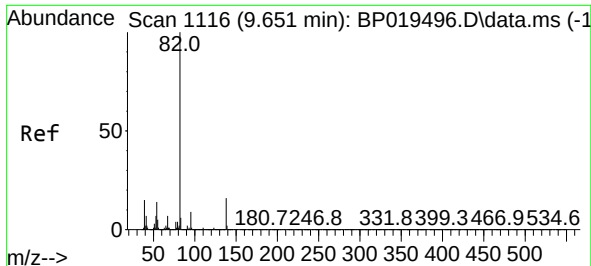
Tgt Ion: 82 Resp: 559107  
Ion Ratio Lower Upper  
82 100  
128 38.7 29.7 44.5  
54 46.2 36.8 55.2



#24  
Nitrobenzene  
Concen: 38.500 ng  
RT: 9.111 min Scan# 1024  
Delta R.T. -0.006 min  
Lab File: BP019819.D  
Acq: 22 Feb 2024 11:54

Tgt Ion: 77 Resp: 276115  
Ion Ratio Lower Upper  
77 100  
123 41.5 32.3 48.5  
65 14.4 11.6 17.4

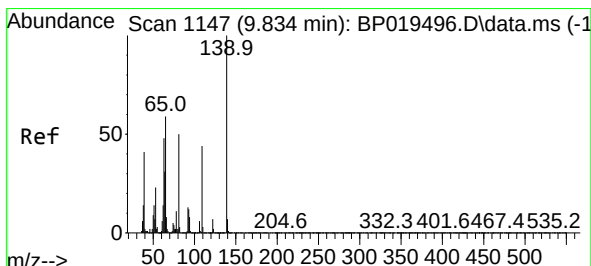
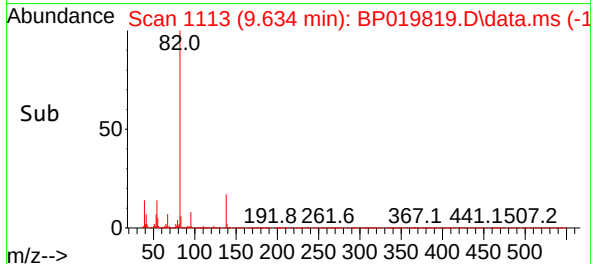
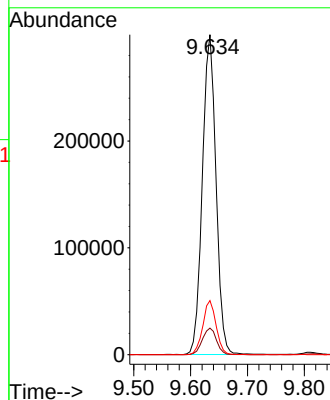
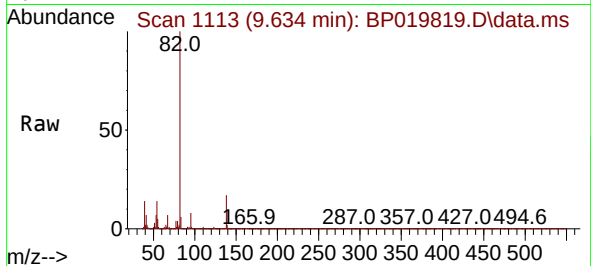




#25  
Isophorone  
Concen: 40.251 ng  
RT: 9.634 min Scan# 1113  
Delta R.T. -0.006 min  
Lab File: BP019819.D  
Acq: 22 Feb 2024 11:54

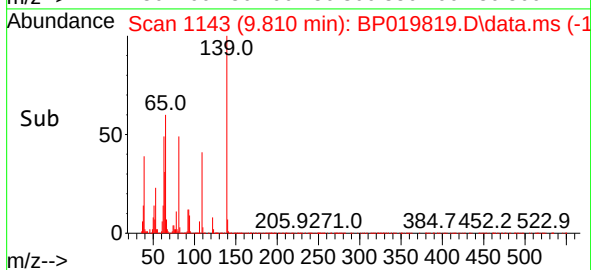
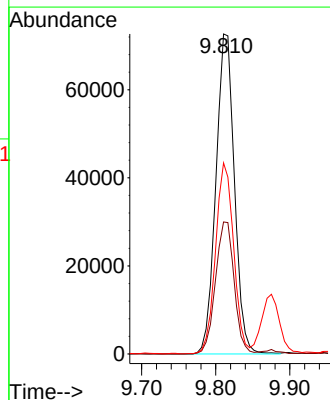
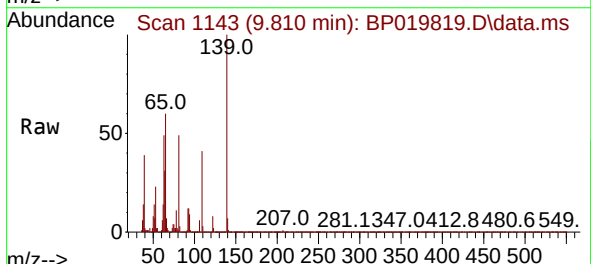
Instrument :  
BNA\_P  
ClientSampleId :  
PB159185BS

Tgt Ion: 82 Resp: 499330  
Ion Ratio Lower Upper  
82 100  
95 8.3 7.0 10.4  
138 16.9 13.1 19.7

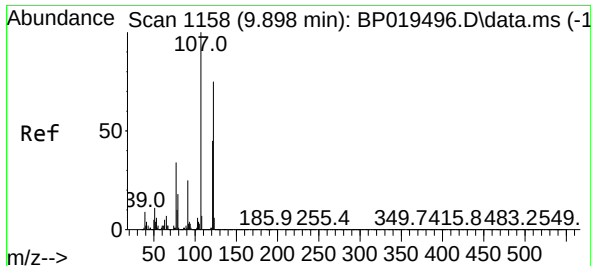


#26  
2-Nitrophenol  
Concen: 46.196 ng  
RT: 9.810 min Scan# 1143  
Delta R.T. -0.012 min  
Lab File: BP019819.D  
Acq: 22 Feb 2024 11:54

Tgt Ion:139 Resp: 126327  
Ion Ratio Lower Upper  
139 100  
109 41.2 34.9 52.3  
65 59.7 47.5 71.3







#27

2,4-Dimethylphenol

Concen: 49.441 ng

RT: 9.875 min Scan# 1154

Delta R.T. -0.006 min

Lab File: BP019819.D

Acq: 22 Feb 2024 11:54

Instrument :

BNA\_P

ClientSampleId :

PB159185BS

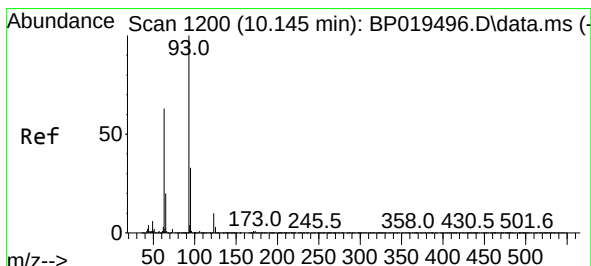
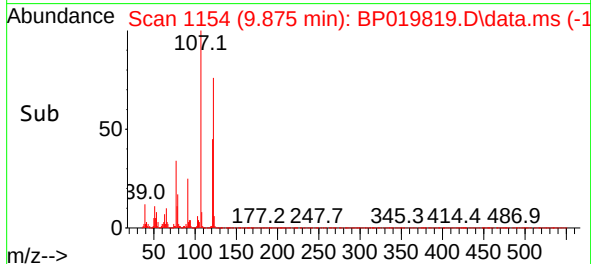
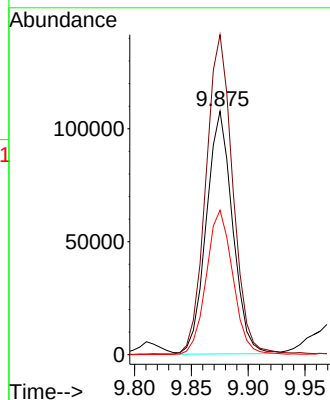
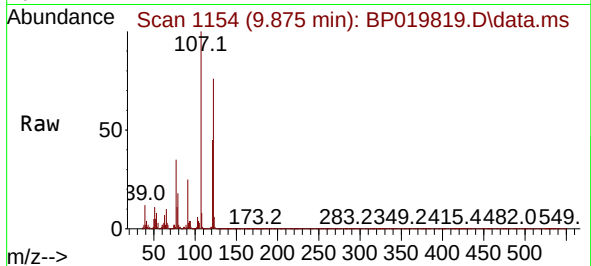
Tgt Ion:122 Resp: 172879

Ion Ratio Lower Upper

122 100

107 131.5 105.9 158.9

121 59.3 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 40.451 ng

RT: 10.116 min Scan# 1195

Delta R.T. -0.012 min

Lab File: BP019819.D

Acq: 22 Feb 2024 11:54

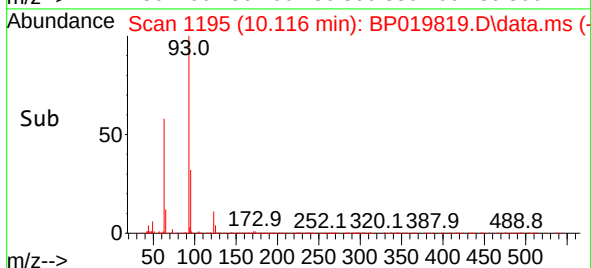
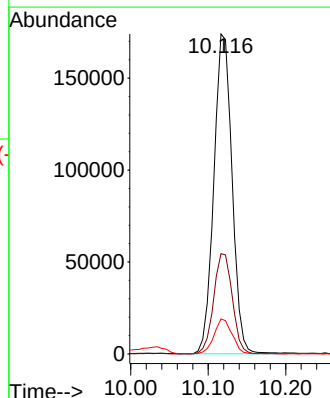
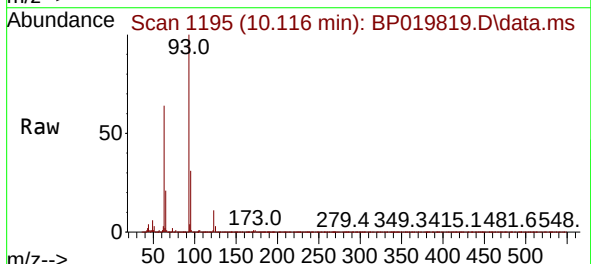
Tgt Ion: 93 Resp: 283919

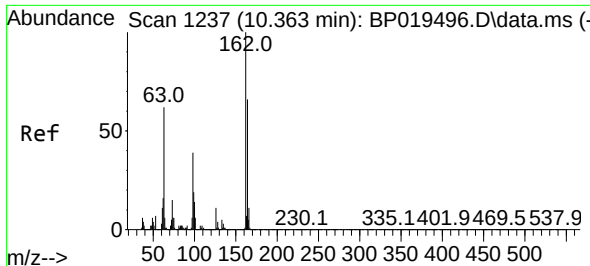
Ion Ratio Lower Upper

93 100

95 31.4 26.2 39.4

123 11.0 8.5 12.7

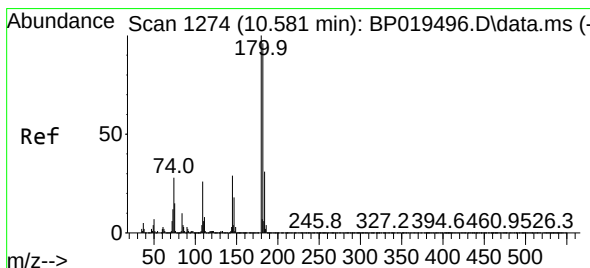
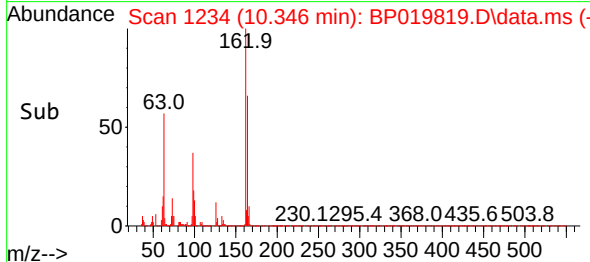
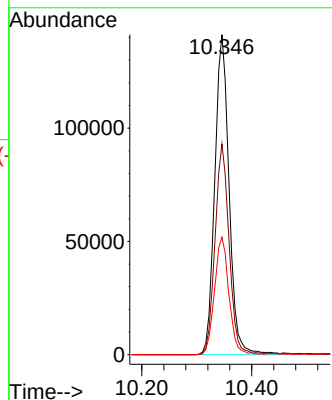
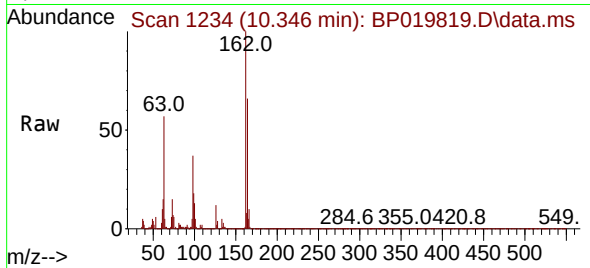




#29  
2,4-Dichlorophenol  
Concen: 48.348 ng  
RT: 10.346 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BP019819.D  
Acq: 22 Feb 2024 11:54

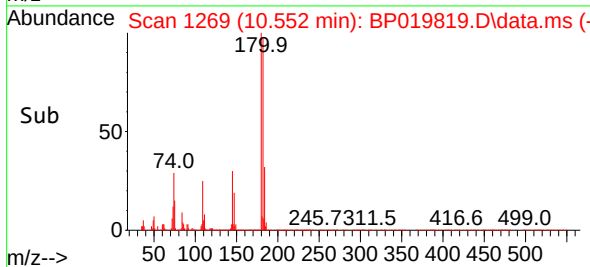
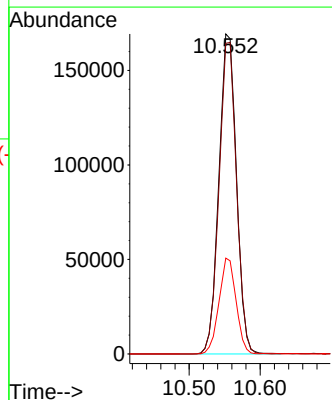
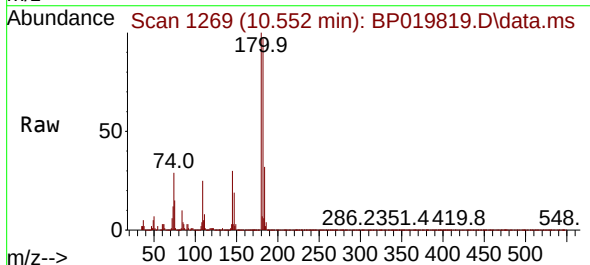
Instrument :  
BNA\_P  
ClientSampleId :  
PB159185BS

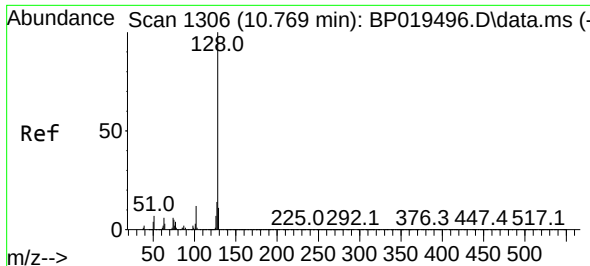
Tgt Ion:162 Resp: 255559  
Ion Ratio Lower Upper  
162 100  
164 65.9 46.0 86.0  
98 36.7 18.7 58.7



#30  
1,2,4-Trichlorobenzene  
Concen: 44.684 ng  
RT: 10.552 min Scan# 1269  
Delta R.T. -0.012 min  
Lab File: BP019819.D  
Acq: 22 Feb 2024 11:54

Tgt Ion:180 Resp: 289598  
Ion Ratio Lower Upper  
180 100  
182 97.1 77.0 115.6  
145 29.9 23.2 34.8

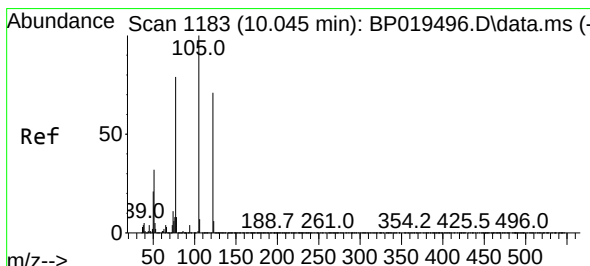
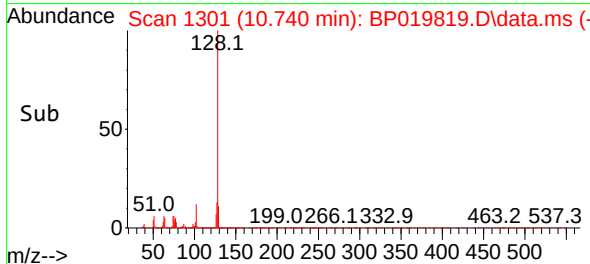
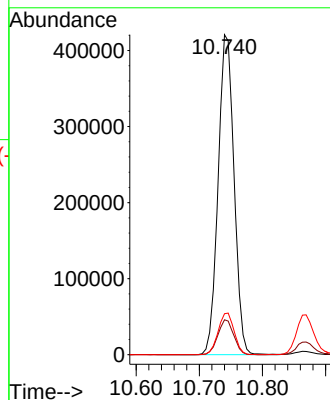
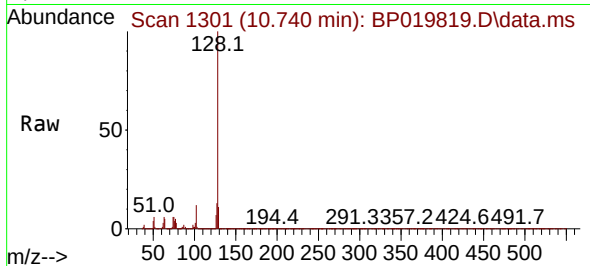




#31  
Naphthalene  
Concen: 43.466 ng  
RT: 10.740 min Scan# 1182  
Delta R.T. -0.012 min  
Lab File: BP019819.D  
Acq: 22 Feb 2024 11:54

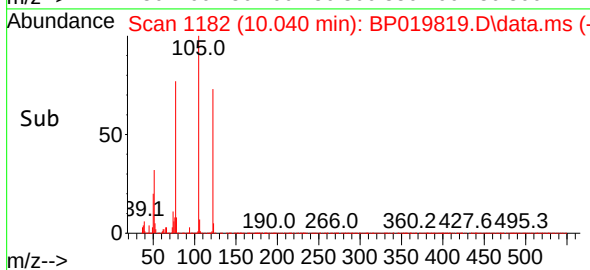
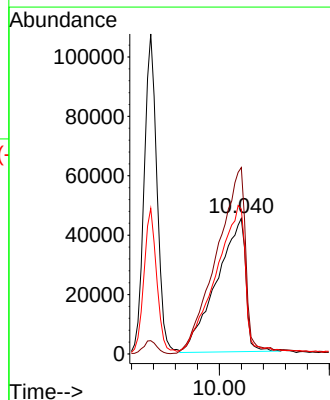
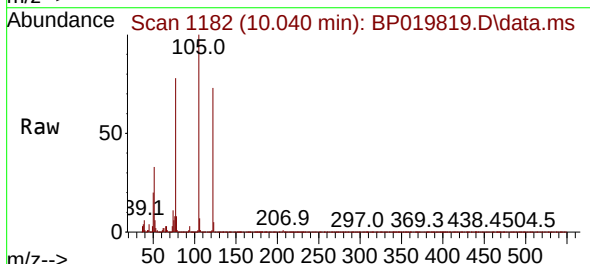
Instrument :  
BNA\_P  
ClientSampleId :  
PB159185BS

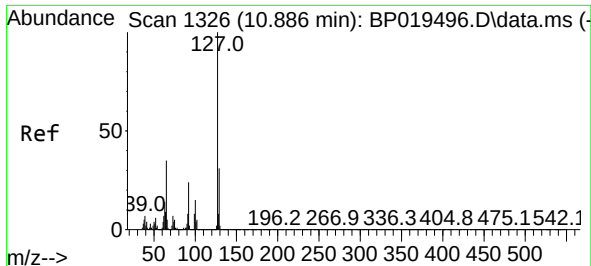
Tgt Ion:128 Resp: 735798  
Ion Ratio Lower Upper  
128 100  
129 10.9 8.6 13.0  
127 12.8 10.8 16.2



#32  
Benzoic acid  
Concen: 48.063 ng  
RT: 10.040 min Scan# 1182  
Delta R.T. 0.012 min  
Lab File: BP019819.D  
Acq: 22 Feb 2024 11:54

Tgt Ion:122 Resp: 163745  
Ion Ratio Lower Upper  
122 100  
105 137.5 118.8 158.8  
77 106.9 91.7 131.7



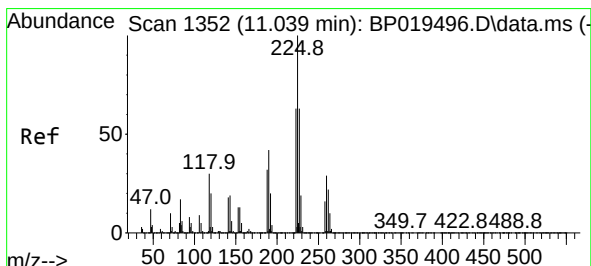
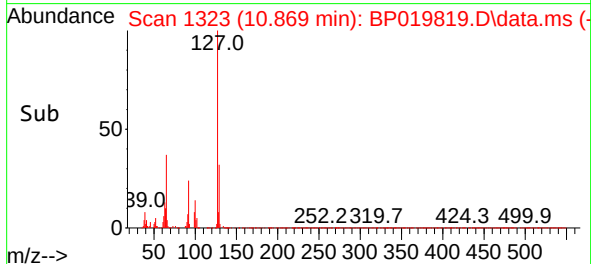
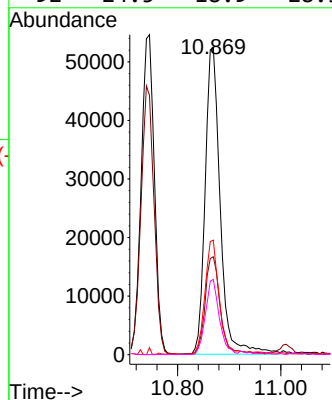
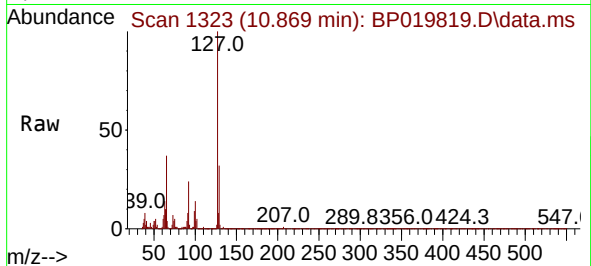


#33  
4-Chloroaniline  
Concen: 16.989 ng  
RT: 10.869 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BP019819.D  
Acq: 22 Feb 2024 11:54

Instrument :  
BNA\_P  
ClientSampleId :  
PB159185BS

Tgt Ion:127 Resp: 106359

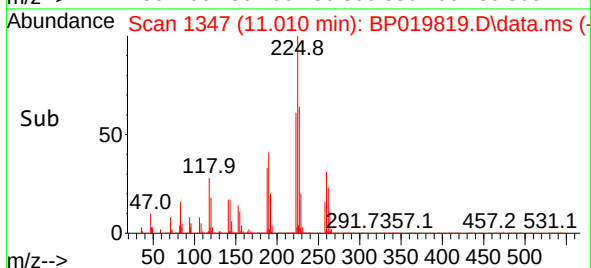
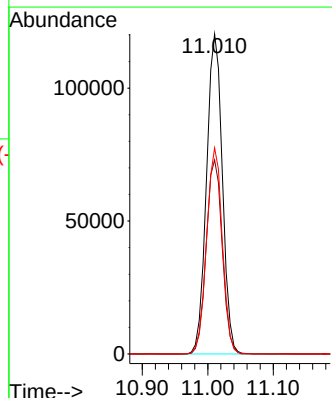
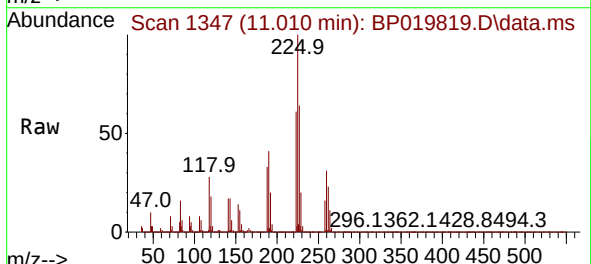
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 127 | 100   |       |       |
| 129 | 31.9  | 24.6  | 36.8  |
| 65  | 37.3  | 28.2  | 42.4  |
| 92  | 24.5  | 18.9  | 28.3  |

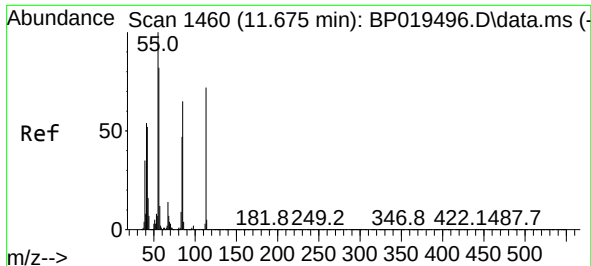


#34  
Hexachlorobutadiene  
Concen: 41.987 ng  
RT: 11.010 min Scan# 1347  
Delta R.T. -0.012 min  
Lab File: BP019819.D  
Acq: 22 Feb 2024 11:54

Tgt Ion:225 Resp: 201649

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 225 | 100   |       |       |
| 223 | 60.7  | 50.5  | 75.7  |
| 227 | 64.4  | 50.2  | 75.2  |

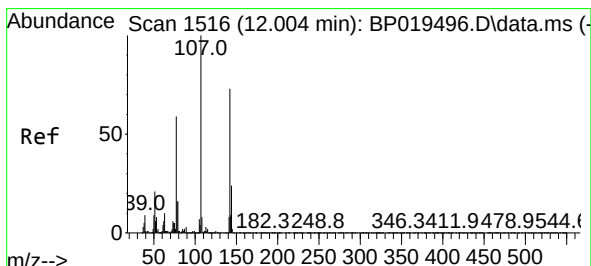
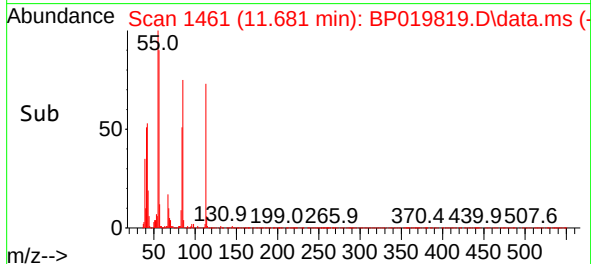
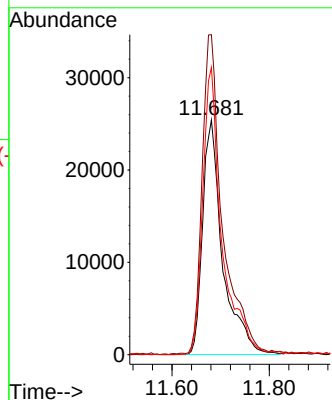
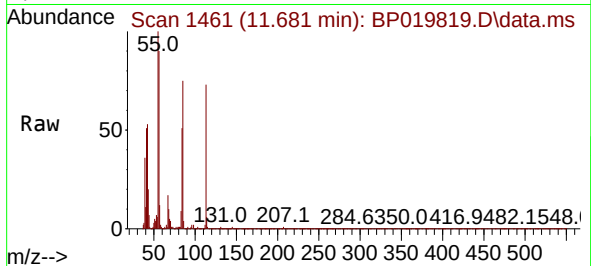




#35  
Caprolactam  
Concen: 48.361 ng  
RT: 11.681 min Scan# 1460  
Delta R.T. 0.000 min  
Lab File: BP019819.D  
Acq: 22 Feb 2024 11:54

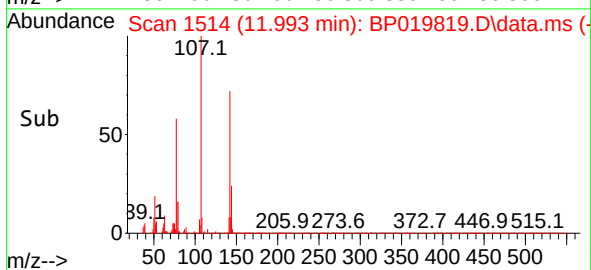
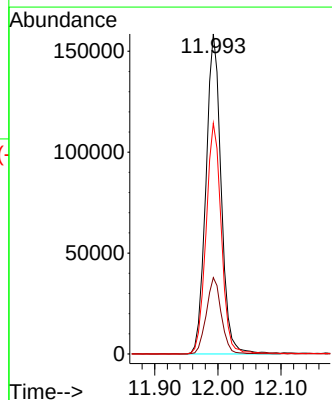
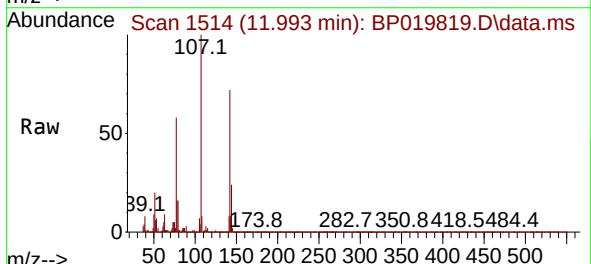
Instrument :  
BNA\_P  
ClientSampleId :  
PB159185BS

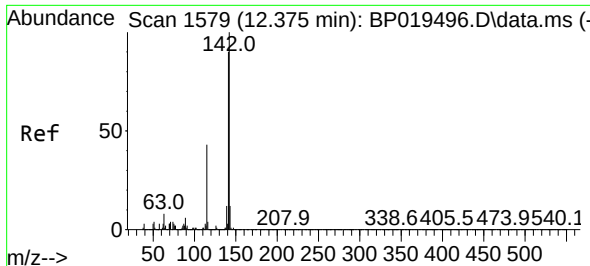
Tgt Ion:113 Resp: 72366  
Ion Ratio Lower Upper  
113 100  
55 136.4 120.0 160.0  
56 122.3 94.0 134.0



#36  
4-Chloro-3-methylphenol  
Concen: 46.087 ng  
RT: 11.993 min Scan# 1514  
Delta R.T. -0.006 min  
Lab File: BP019819.D  
Acq: 22 Feb 2024 11:54

Tgt Ion:107 Resp: 265625  
Ion Ratio Lower Upper  
107 100  
144 23.9 19.0 28.4  
142 72.1 58.6 88.0

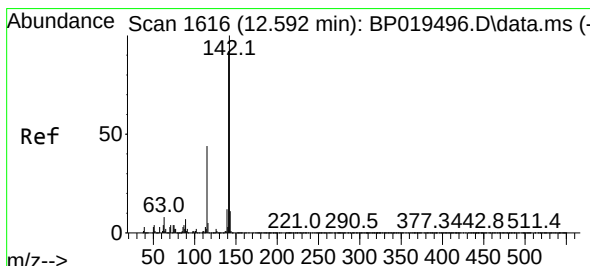
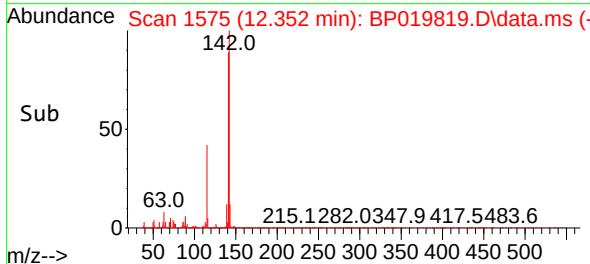
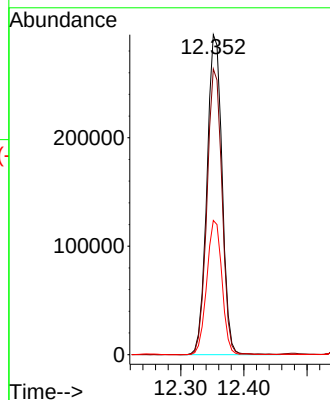
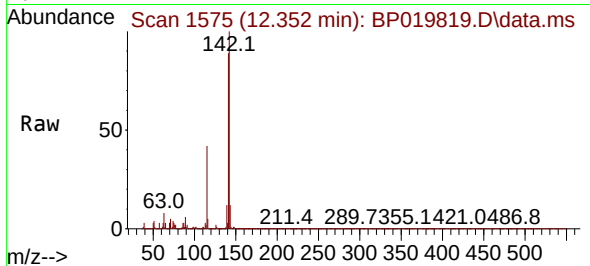




#37  
2-Methylnaphthalene  
Concen: 41.793 ng  
RT: 12.352 min Scan# 1575  
Delta R.T. -0.012 min  
Lab File: BP019819.D  
Acq: 22 Feb 2024 11:54

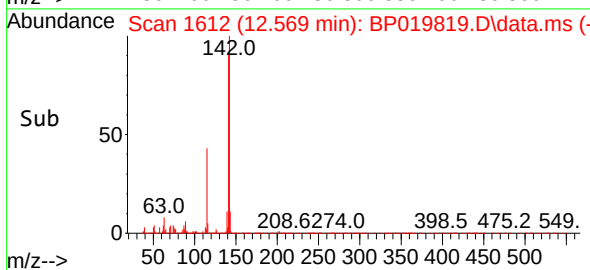
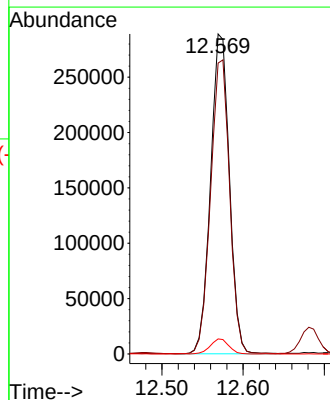
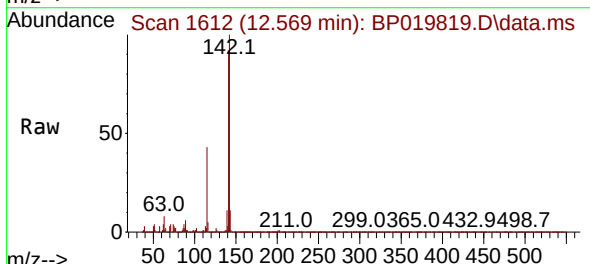
Instrument :  
BNA\_P  
ClientSampleId :  
PB159185BS

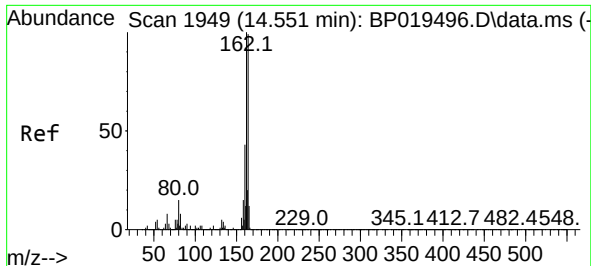
Tgt Ion:142 Resp: 489612  
Ion Ratio Lower Upper  
142 100  
141 89.3 72.2 108.4  
115 42.0 34.2 51.2



#38  
1-Methylnaphthalene  
Concen: 40.465 ng  
RT: 12.569 min Scan# 1612  
Delta R.T. -0.012 min  
Lab File: BP019819.D  
Acq: 22 Feb 2024 11:54

Tgt Ion:142 Resp: 465855  
Ion Ratio Lower Upper  
142 100  
141 90.9 74.0 111.0  
116 4.7 3.7 5.5

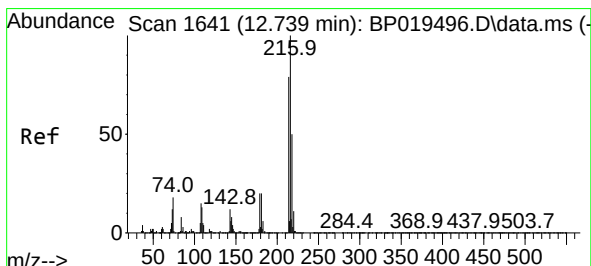
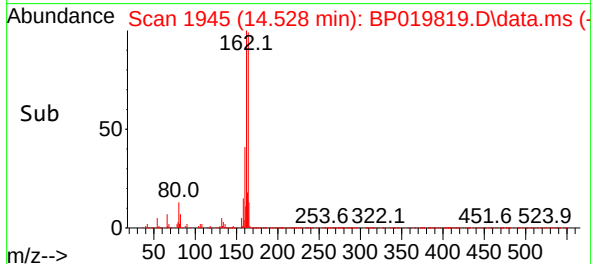
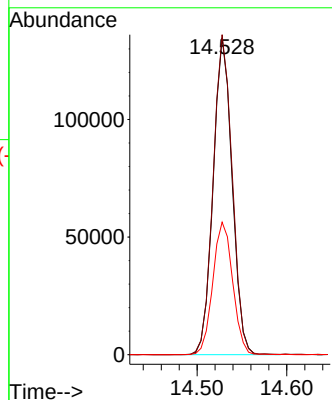
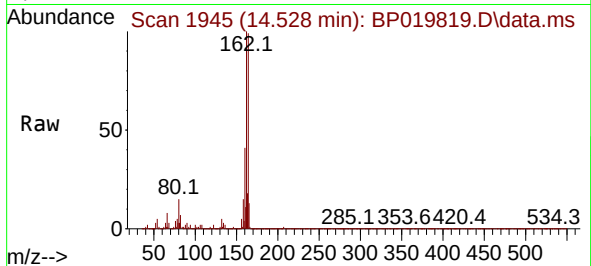




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.528 min Scan# 1945  
Delta R.T. -0.012 min  
Lab File: BP019819.D  
Acq: 22 Feb 2024 11:54

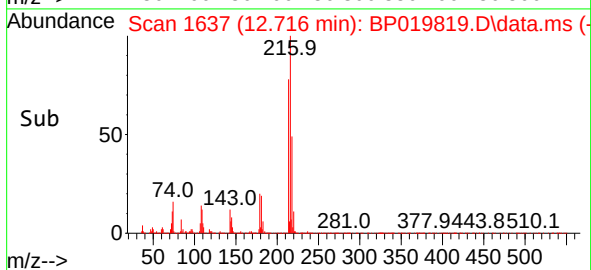
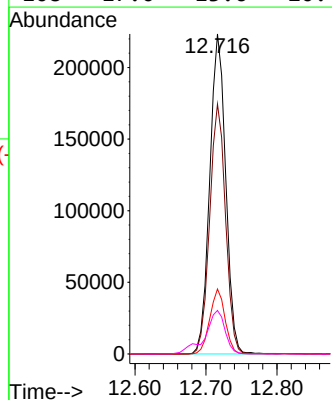
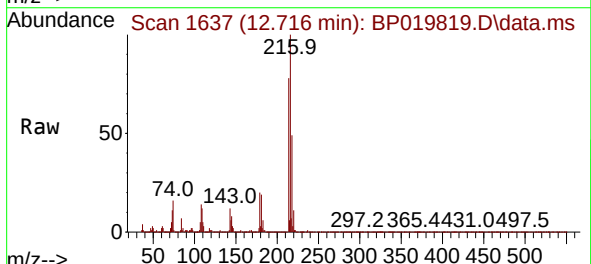
Instrument :  
BNA\_P  
ClientSampleId :  
PB159185BS

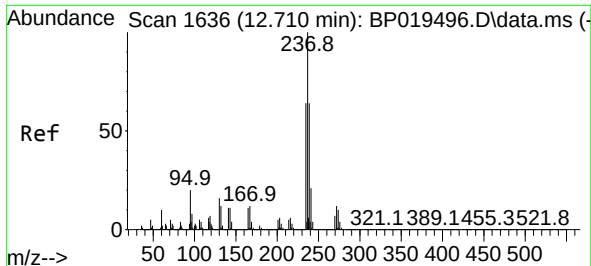
Tgt Ion:164 Resp: 197368  
Ion Ratio Lower Upper  
164 100  
162 100.9 81.2 121.8  
160 41.8 35.1 52.7



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 45.804 ng  
RT: 12.716 min Scan# 1637  
Delta R.T. -0.012 min  
Lab File: BP019819.D  
Acq: 22 Feb 2024 11:54

Tgt Ion:216 Resp: 348647  
Ion Ratio Lower Upper  
216 100  
214 77.6 62.8 94.2  
179 19.5 16.6 24.8  
108 17.0 13.6 20.4

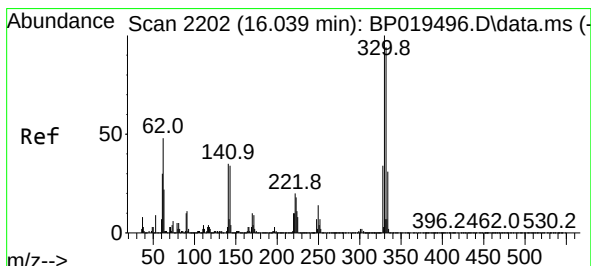
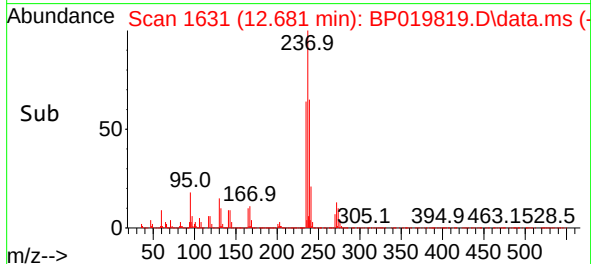
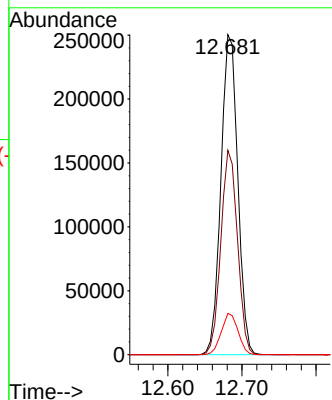
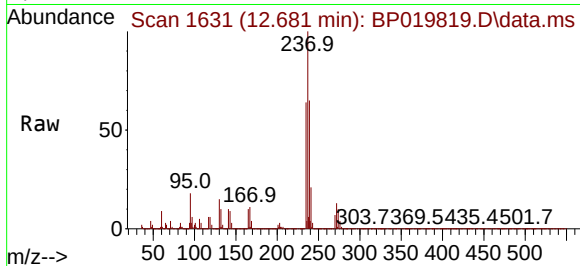




#41  
Hexachlorocyclopentadiene  
Concen: 114.907 ng  
RT: 12.681 min Scan# 1  
Delta R.T. -0.012 min  
Lab File: BP019819.D  
Acq: 22 Feb 2024 11:54

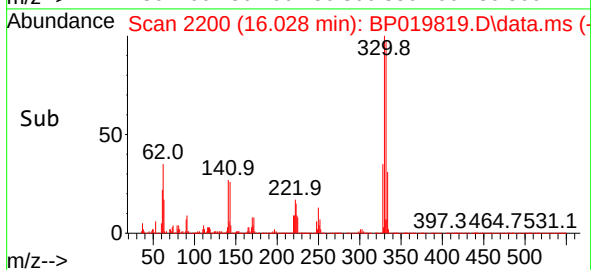
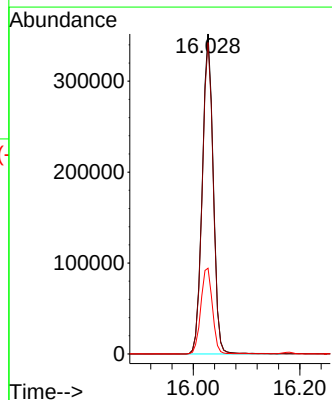
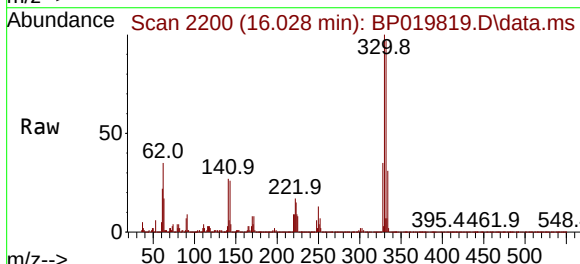
Instrument :  
BNA\_P  
ClientSampleId :  
PB159185BS

Tgt Ion:237 Resp: 395121  
Ion Ratio Lower Upper  
237 100  
235 63.8 43.7 83.7  
272 12.9 0.0 32.4

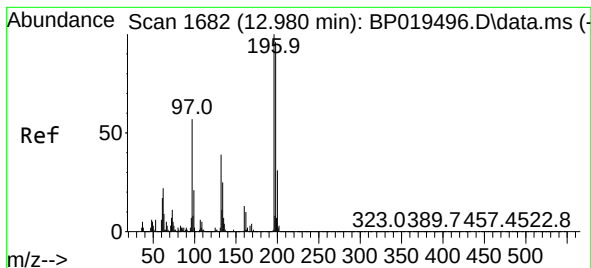


#42  
2,4,6-Tribromophenol  
Concen: 173.823 ng  
RT: 16.028 min Scan# 2200  
Delta R.T. -0.006 min  
Lab File: BP019819.D  
Acq: 22 Feb 2024 11:54

Tgt Ion:330 Resp: 500908  
Ion Ratio Lower Upper  
330 100  
332 97.5 77.2 115.8  
141 28.3 27.0 40.4







#43

2,4,6-Trichlorophenol

Concen: 48.528 ng

RT: 12.963 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP019819.D

Acq: 22 Feb 2024 11:54

Instrument :

BNA\_P

ClientSampleId :

PB159185BS

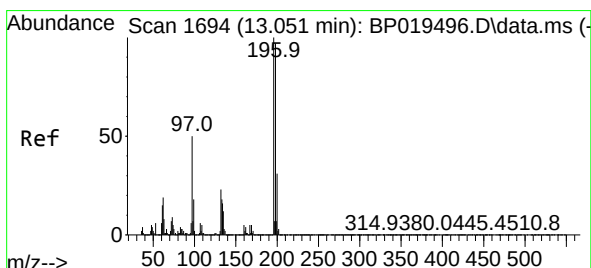
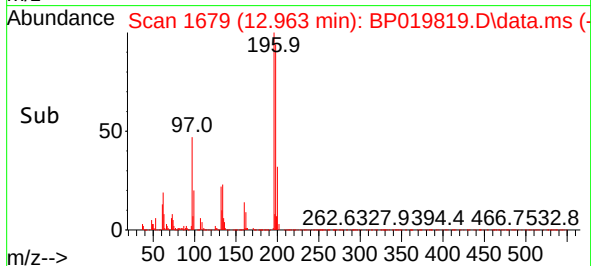
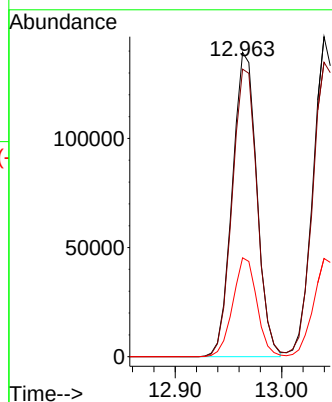
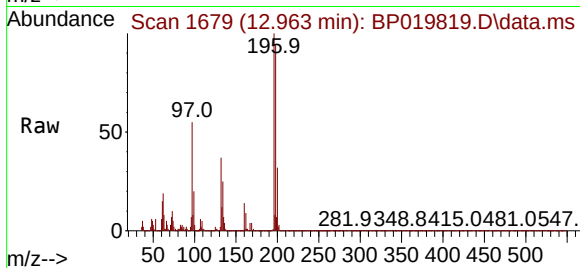
Tgt Ion:196 Resp: 223671

Ion Ratio Lower Upper

196 100

198 94.4 76.7 115.1

200 32.5 24.6 36.8



#44

2,4,5-Trichlorophenol

Concen: 48.647 ng

RT: 13.040 min Scan# 1692

Delta R.T. -0.006 min

Lab File: BP019819.D

Acq: 22 Feb 2024 11:54

Tgt Ion:196 Resp: 246210

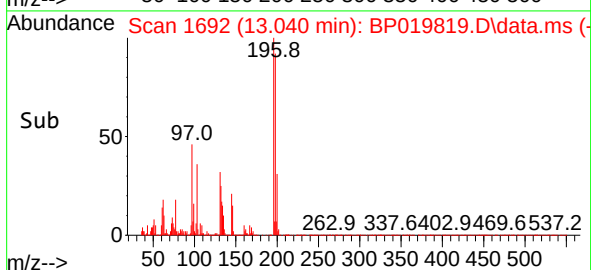
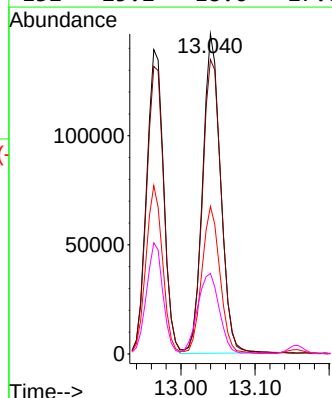
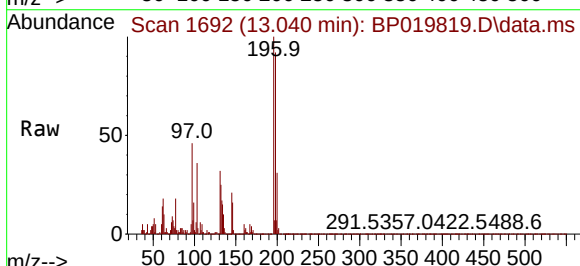
Ion Ratio Lower Upper

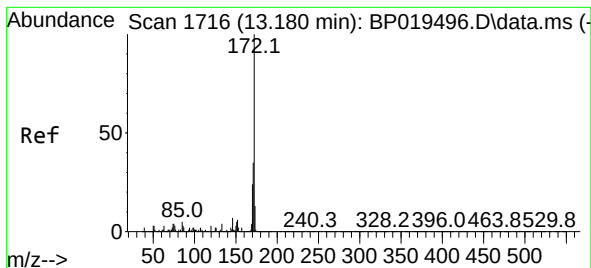
196 100

198 92.0 77.5 116.3

97 46.1 39.9 59.9

132 25.2 18.6 27.8





#45

2-Fluorobiphenyl

Concen: 84.625 ng

RT: 13.157 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP019819.D

Acq: 22 Feb 2024 11:54

Instrument :

BNA\_P

ClientSampleId :

PB159185BS

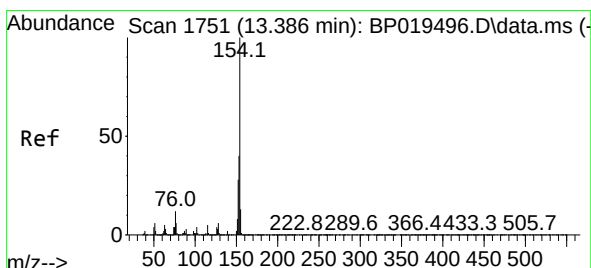
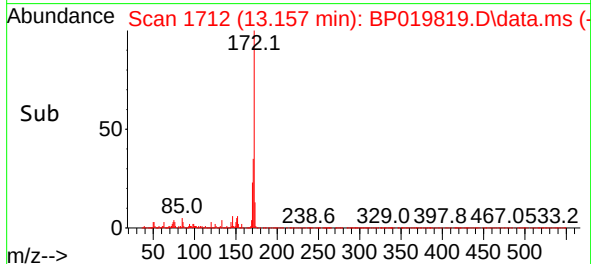
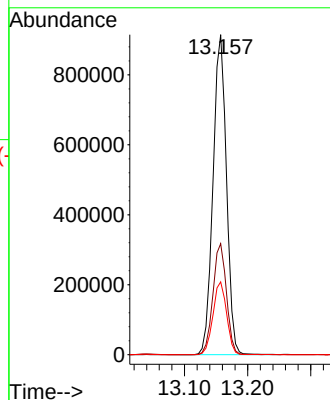
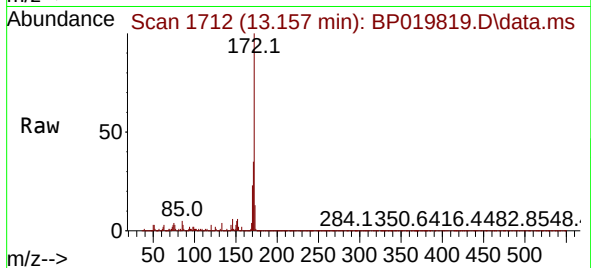
Tgt Ion:172 Resp: 1351069

Ion Ratio Lower Upper

172 100

171 34.7 28.2 42.4

170 22.8 18.9 28.3



#46

1,1'-Biphenyl

Concen: 43.162 ng

RT: 13.369 min Scan# 1748

Delta R.T. -0.006 min

Lab File: BP019819.D

Acq: 22 Feb 2024 11:54

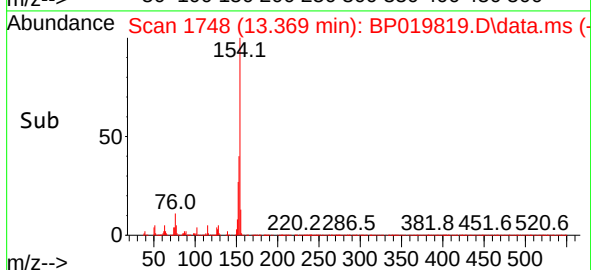
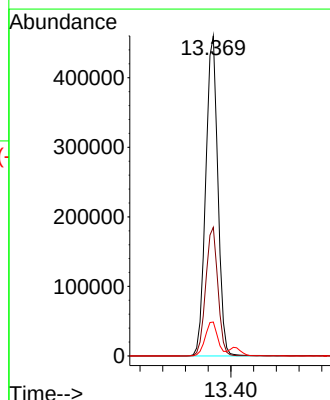
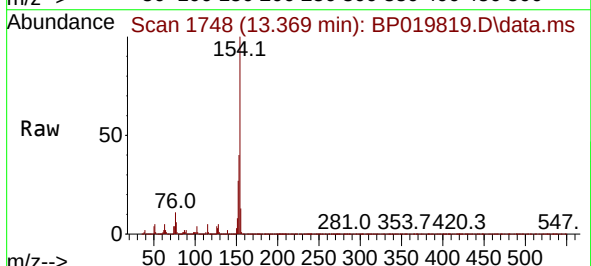
Tgt Ion:154 Resp: 679911

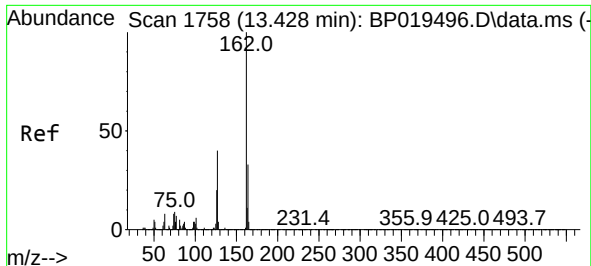
Ion Ratio Lower Upper

154 100

153 40.2 20.2 60.2

76 10.6 0.0 31.6

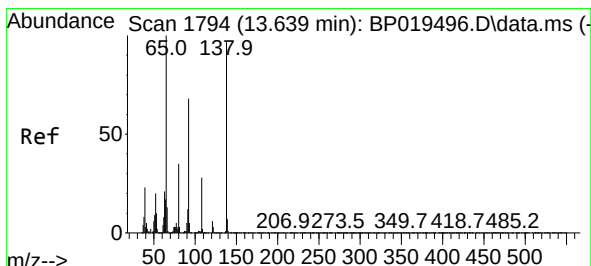
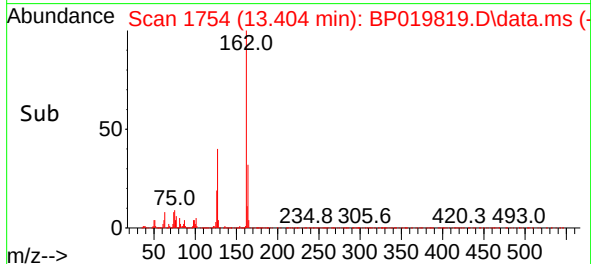
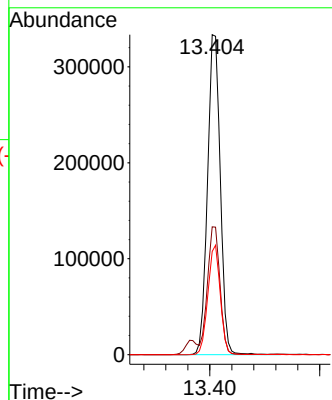
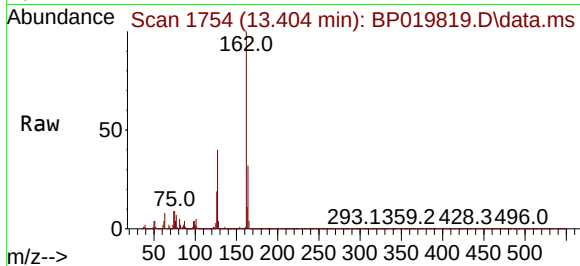




#47  
2-Chloronaphthalene  
Concen: 41.511 ng  
RT: 13.404 min Scan# 1754  
Delta R.T. -0.012 min  
Lab File: BP019819.D  
Acq: 22 Feb 2024 11:54

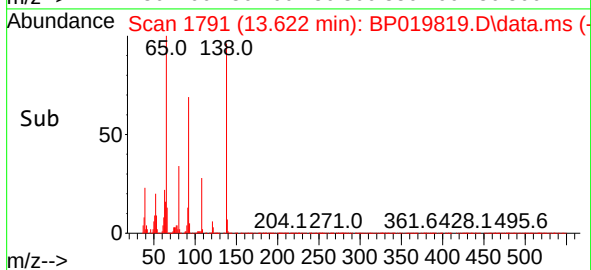
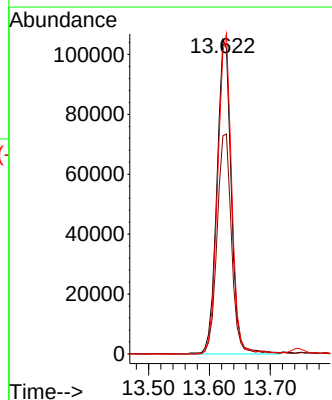
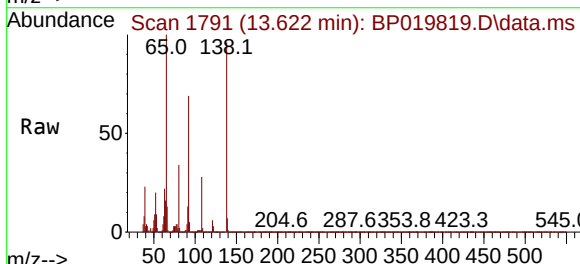
Instrument :  
BNA\_P  
ClientSampleId :  
PB159185BS

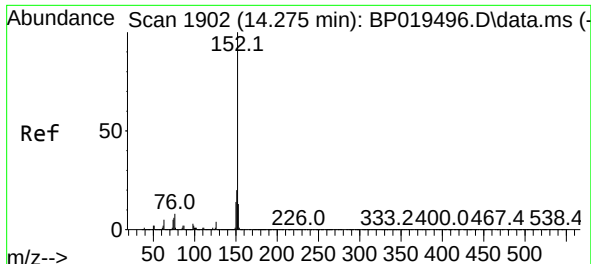
Tgt Ion:162 Resp: 536786  
Ion Ratio Lower Upper  
162 100  
127 39.9 32.1 48.1  
164 32.2 26.7 40.1



#48  
2-Nitroaniline  
Concen: 47.502 ng  
RT: 13.622 min Scan# 1791  
Delta R.T. -0.006 min  
Lab File: BP019819.D  
Acq: 22 Feb 2024 11:54

Tgt Ion: 65 Resp: 171757  
Ion Ratio Lower Upper  
65 100  
92 69.4 54.7 82.1  
138 96.3 77.8 116.6

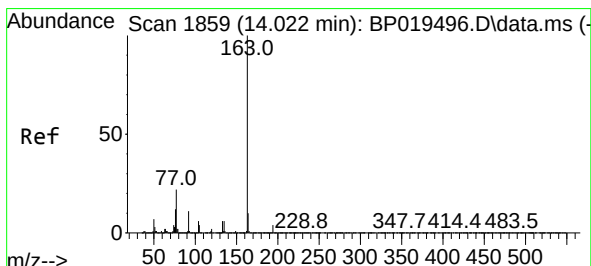
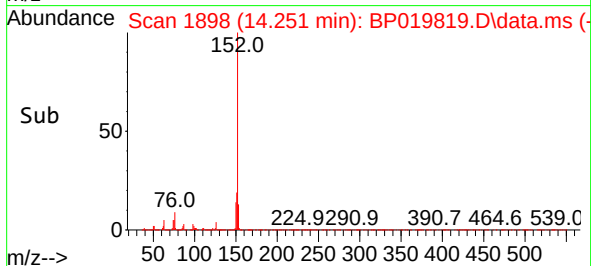
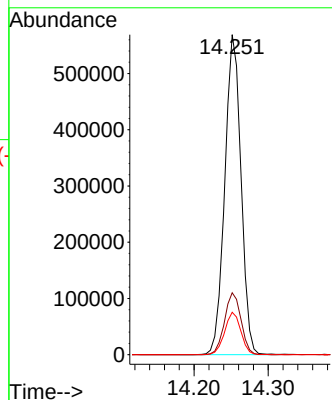
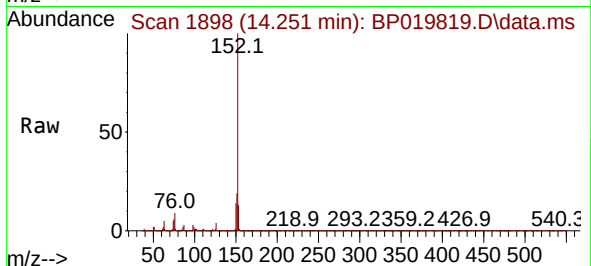




#49  
Acenaphthylene  
Concen: 47.635 ng  
RT: 14.251 min Scan# 1898  
Delta R.T. -0.012 min  
Lab File: BP019819.D  
Acq: 22 Feb 2024 11:54

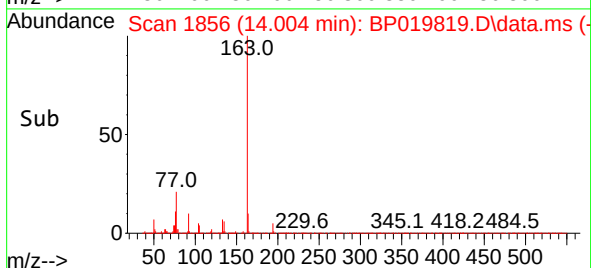
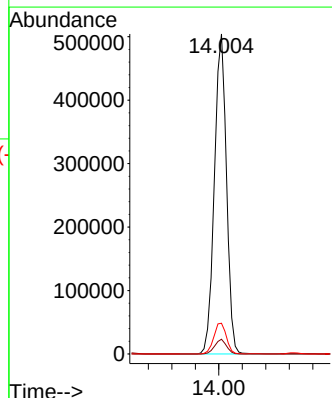
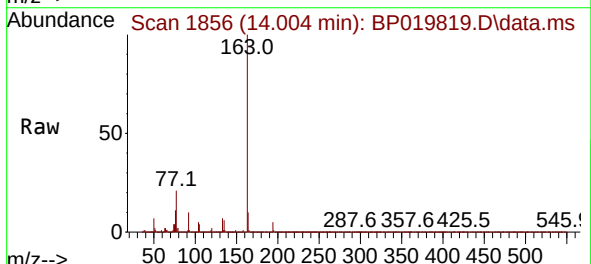
Instrument :  
BNA\_P  
ClientSampleId :  
PB159185BS

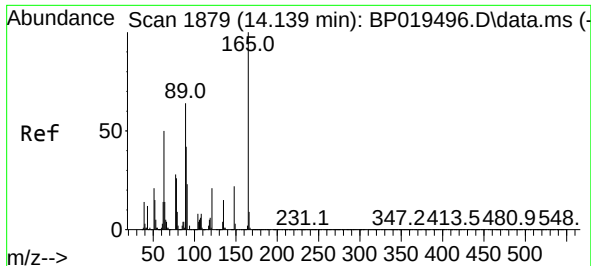
Tgt Ion:152 Resp: 864182  
Ion Ratio Lower Upper  
152 100  
151 19.4 15.8 23.6  
153 13.2 10.6 15.8



#50  
Dimethylphthalate  
Concen: 47.496 ng  
RT: 14.004 min Scan# 1856  
Delta R.T. -0.006 min  
Lab File: BP019819.D  
Acq: 22 Feb 2024 11:54

Tgt Ion:163 Resp: 717621  
Ion Ratio Lower Upper  
163 100  
194 4.6 3.4 5.2  
164 9.6 7.8 11.6

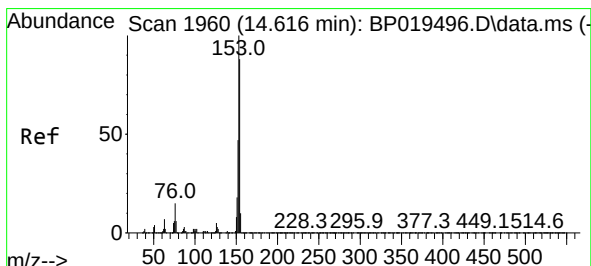
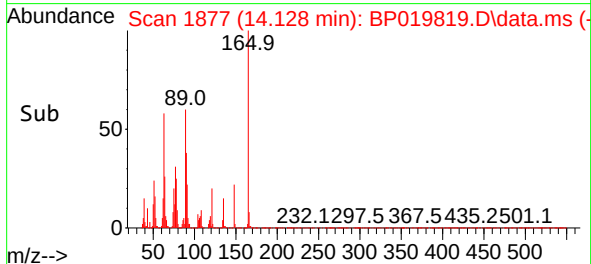
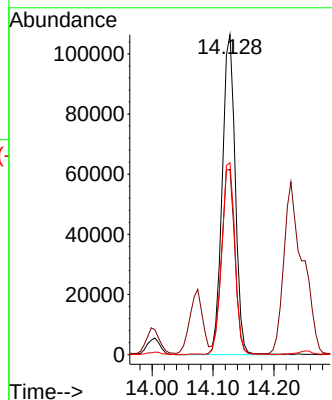
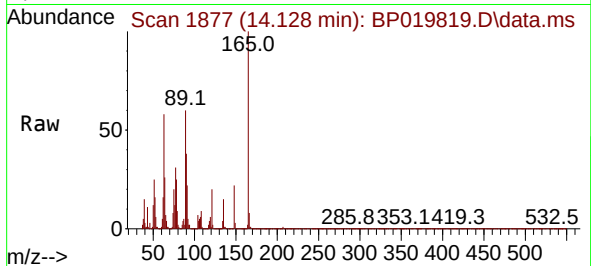




#51  
2,6-Dinitrotoluene  
Concen: 47.349 ng  
RT: 14.128 min Scan# 1879  
Delta R.T. -0.006 min  
Lab File: BP019819.D  
Acq: 22 Feb 2024 11:54

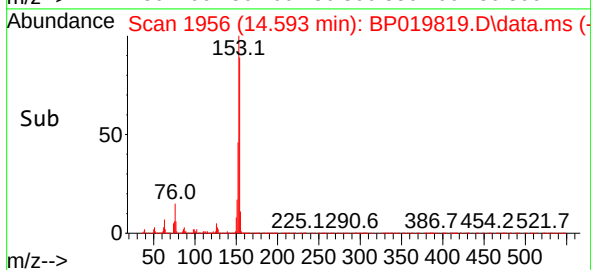
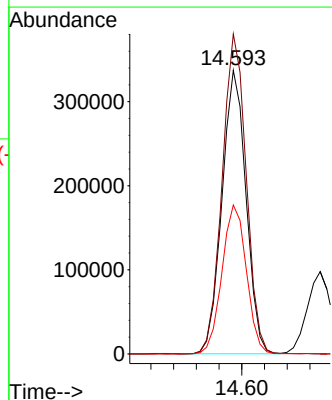
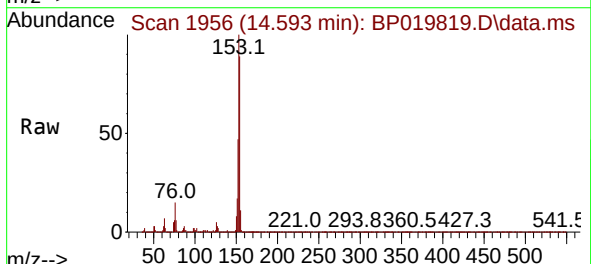
Instrument :  
BNA\_P  
ClientSampleId :  
PB159185BS

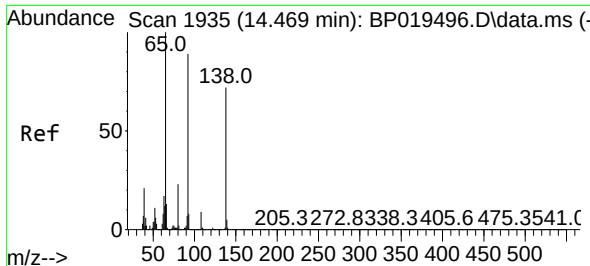
Tgt Ion:165 Resp: 157179  
Ion Ratio Lower Upper  
165 100  
63 57.9 50.4 75.6  
89 60.0 51.7 77.5



#52  
Acenaphthene  
Concen: 43.976 ng  
RT: 14.593 min Scan# 1956  
Delta R.T. -0.012 min  
Lab File: BP019819.D  
Acq: 22 Feb 2024 11:54

Tgt Ion:154 Resp: 495157  
Ion Ratio Lower Upper  
154 100  
153 112.8 90.5 135.7  
152 52.5 42.1 63.1

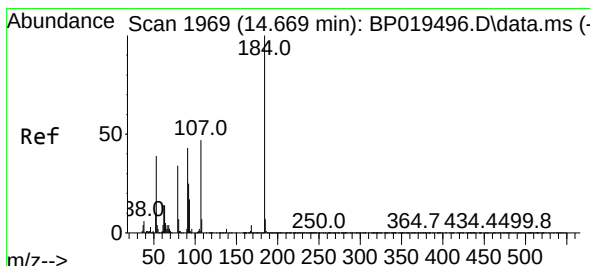
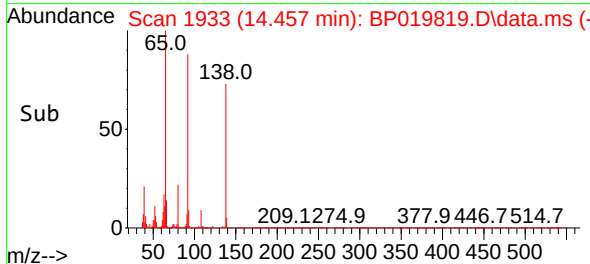
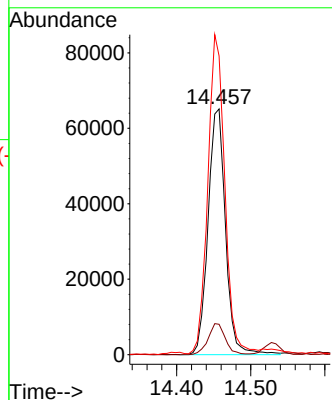
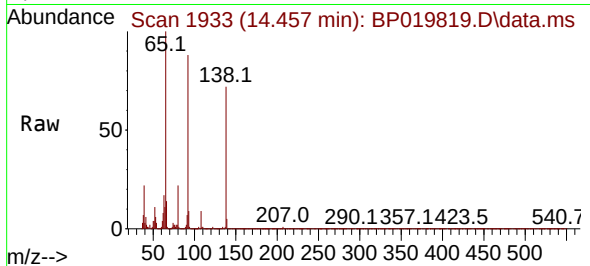




#53  
3-Nitroaniline  
Concen: 34.960 ng  
RT: 14.457 min Scan# 1933  
Delta R.T. 0.000 min  
Lab File: BP019819.D  
Acq: 22 Feb 2024 11:54

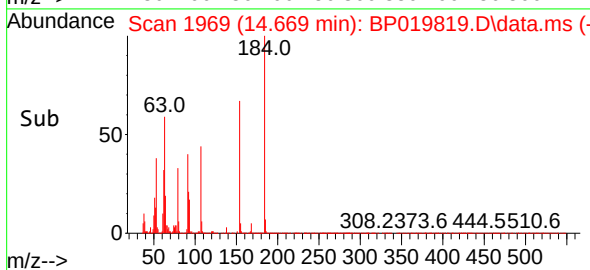
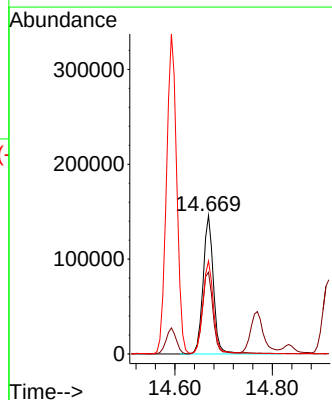
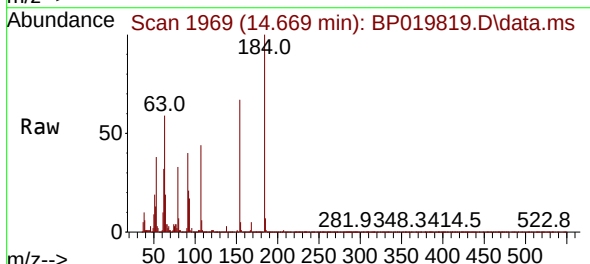
Instrument :  
BNA\_P  
ClientSampleId :  
PB159185BS

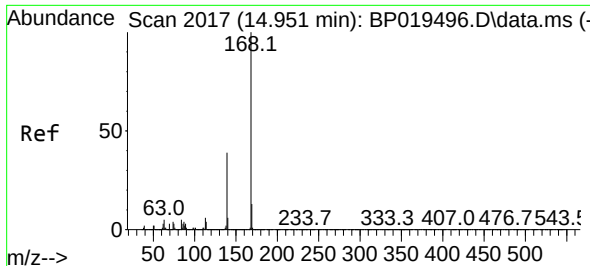
Tgt Ion:138 Resp: 106653  
Ion Ratio Lower Upper  
138 100  
108 12.4 9.7 14.5  
92 121.5 98.0 147.0



#54  
2,4-Dinitrophenol  
Concen: 126.072 ng  
RT: 14.669 min Scan# 1969  
Delta R.T. -0.006 min  
Lab File: BP019819.D  
Acq: 22 Feb 2024 11:54

Tgt Ion:184 Resp: 217293  
Ion Ratio Lower Upper  
184 100  
63 59.0 50.5 75.7  
154 67.1 53.4 80.0

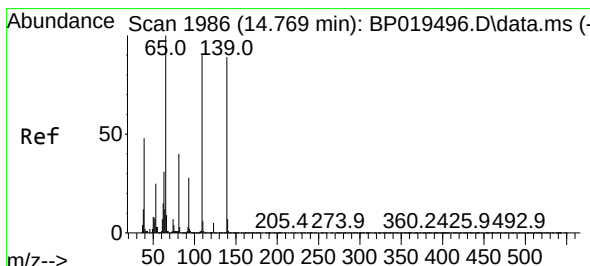
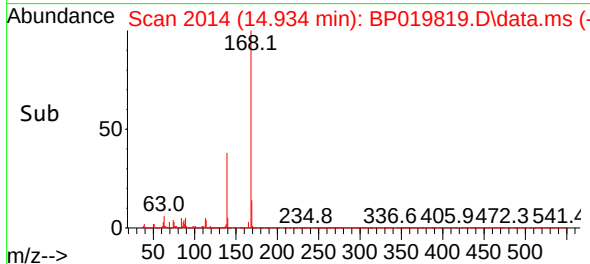
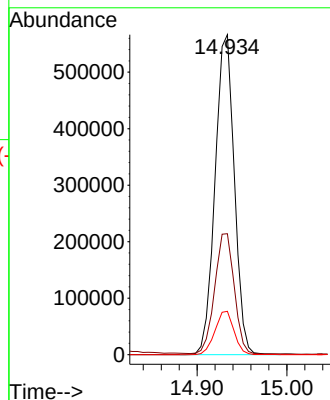
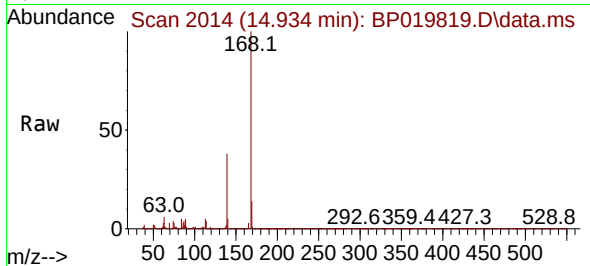




#55  
Dibenzenofuran  
Concen: 46.036 ng  
RT: 14.934 min Scan# 2014  
Delta R.T. -0.006 min  
Lab File: BP019819.D  
Acq: 22 Feb 2024 11:54

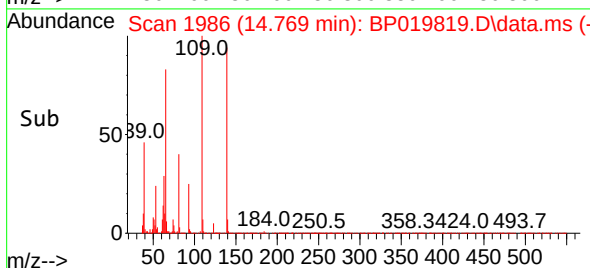
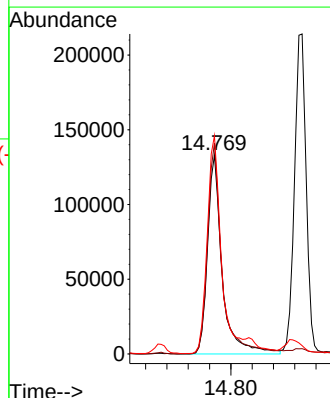
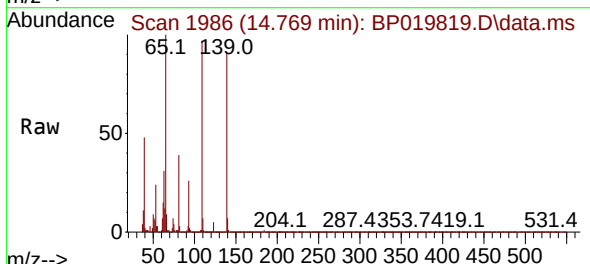
Instrument :  
BNA\_P  
ClientSampleId :  
PB159185BS

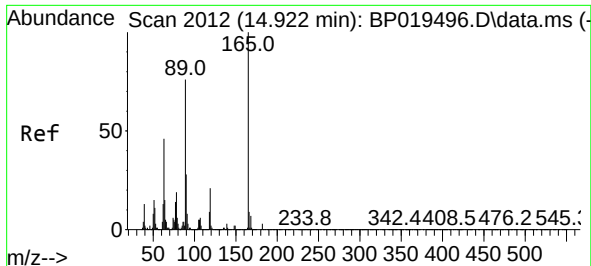
Tgt Ion:168 Resp: 844253  
Ion Ratio Lower Upper  
168 100  
139 37.8 31.5 47.3  
169 13.5 10.3 15.5



#56  
4-Nitrophenol  
Concen: 101.623 ng  
RT: 14.769 min Scan# 1986  
Delta R.T. 0.000 min  
Lab File: BP019819.D  
Acq: 22 Feb 2024 11:54

Tgt Ion:139 Resp: 254104  
Ion Ratio Lower Upper  
139 100  
109 106.0 82.0 122.0  
65 109.8 92.9 132.9

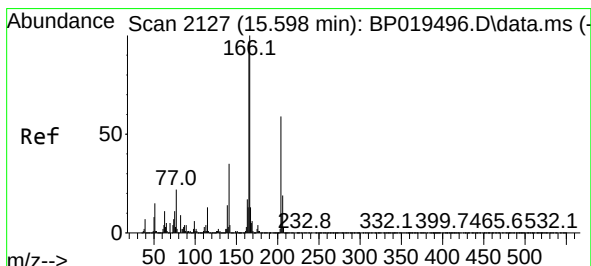
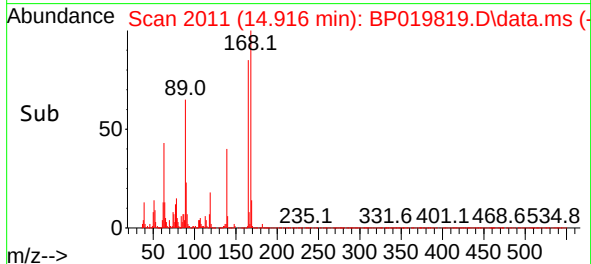
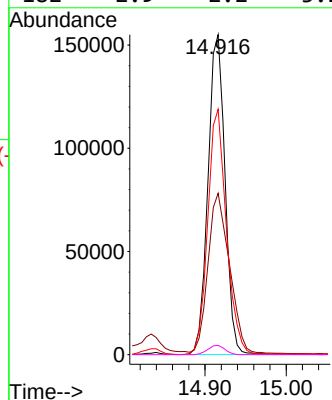
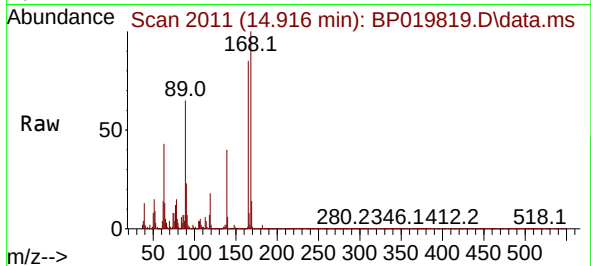




#57  
2,4-Dinitrotoluene  
Concen: 51.965 ng  
RT: 14.916 min Scan# 2011  
Delta R.T. -0.006 min  
Lab File: BP019819.D  
Acq: 22 Feb 2024 11:54

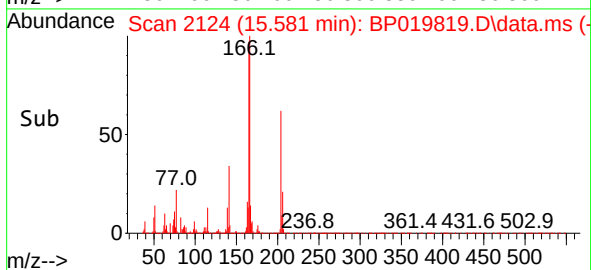
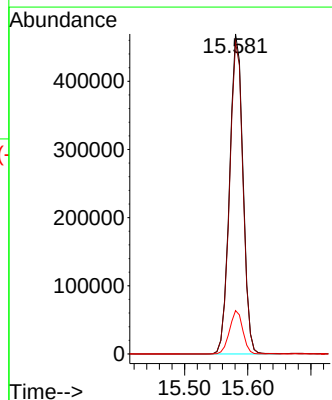
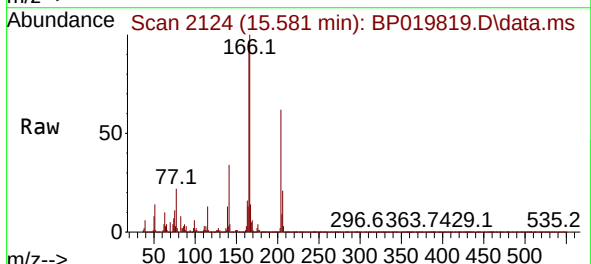
Instrument :  
BNA\_P  
ClientSampleId :  
PB159185BS

Tgt Ion:165 Resp: 226055  
Ion Ratio Lower Upper  
165 100  
63 50.4 36.9 55.3  
89 76.7 61.1 91.7  
182 2.9 2.2 3.2

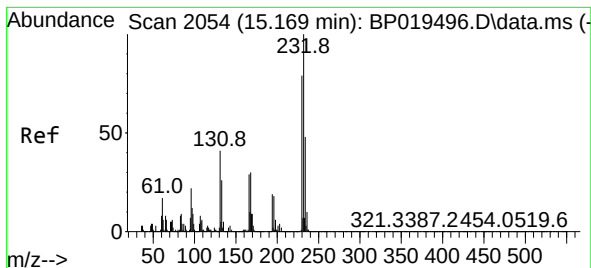


#58  
Fluorene  
Concen: 47.317 ng  
RT: 15.581 min Scan# 2124  
Delta R.T. -0.012 min  
Lab File: BP019819.D  
Acq: 22 Feb 2024 11:54

Tgt Ion:166 Resp: 691137  
Ion Ratio Lower Upper  
166 100  
165 97.5 77.8 116.8  
167 13.6 10.7 16.1



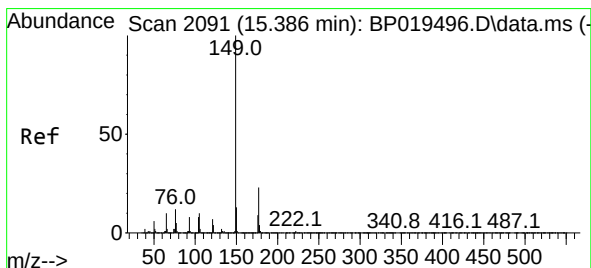
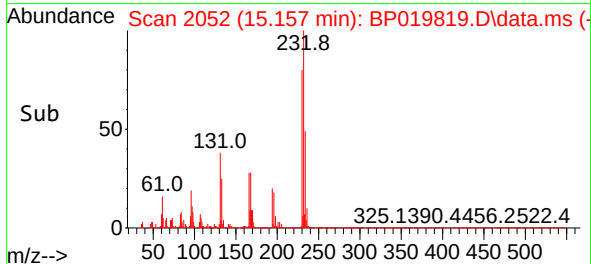
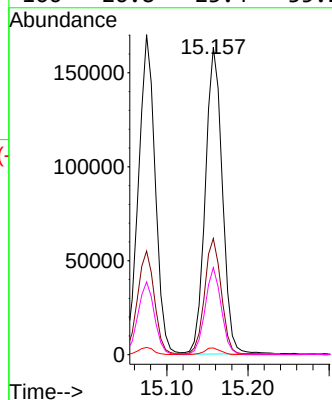
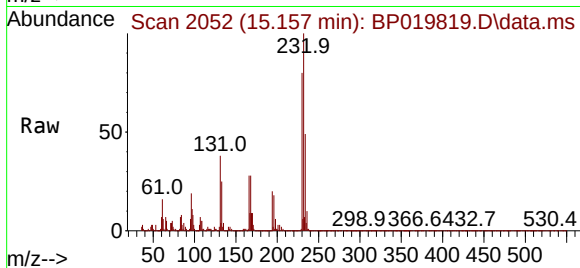




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 55.672 ng  
RT: 15.157 min Scan# 2052  
Delta R.T. -0.006 min  
Lab File: BP019819.D  
Acq: 22 Feb 2024 11:54

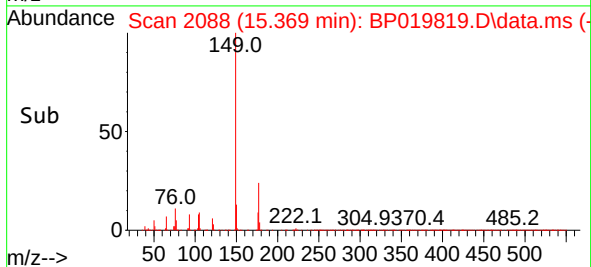
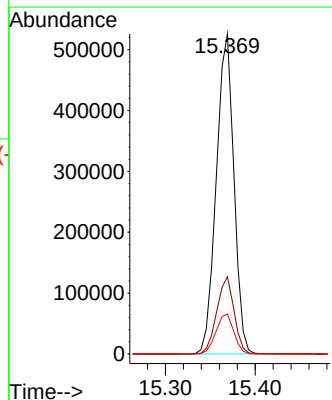
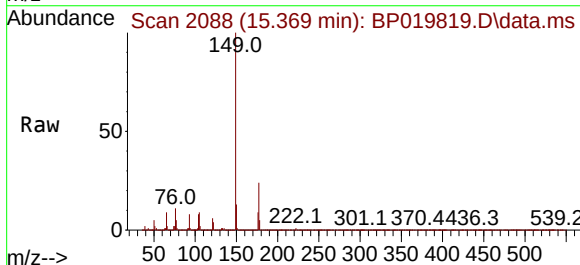
Instrument :  
BNA\_P  
ClientSampleId :  
PB159185BS

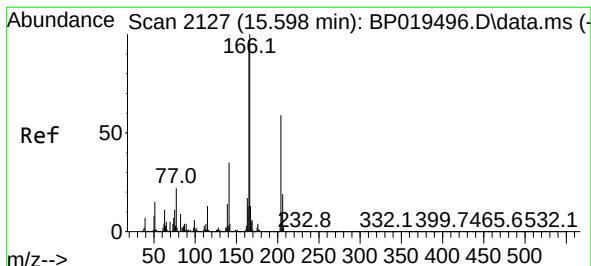
Tgt Ion:232 Resp: 237003  
Ion Ratio Lower Upper  
232 100  
131 36.9 32.4 48.6  
130 2.1 1.9 2.9  
166 26.8 23.4 35.2



#60  
Diethylphthalate  
Concen: 47.665 ng  
RT: 15.369 min Scan# 2088  
Delta R.T. -0.006 min  
Lab File: BP019819.D  
Acq: 22 Feb 2024 11:54

Tgt Ion:149 Resp: 716325  
Ion Ratio Lower Upper  
149 100  
177 24.2 18.2 27.2  
150 12.5 10.2 15.4

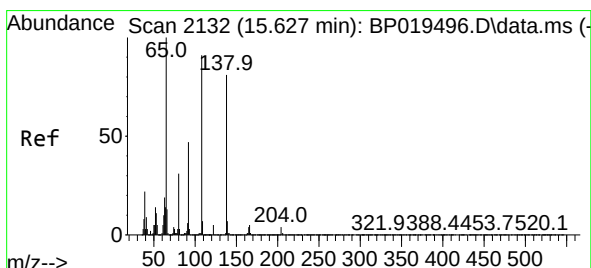
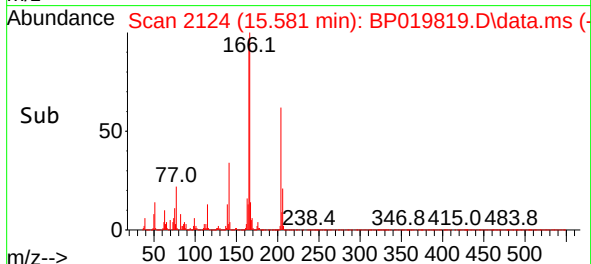
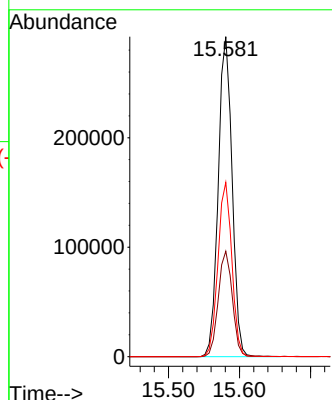
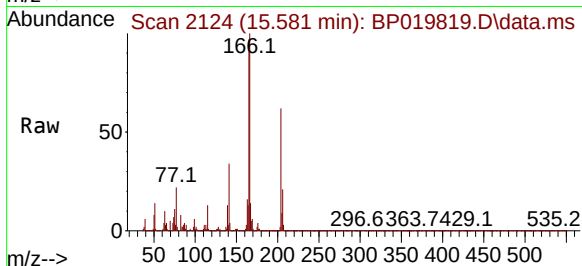




#61  
4-Chlorophenyl-phenylether  
Concen: 47.967 ng  
RT: 15.581 min Scan# 2124  
Delta R.T. -0.006 min  
Lab File: BP019819.D  
Acq: 22 Feb 2024 11:54

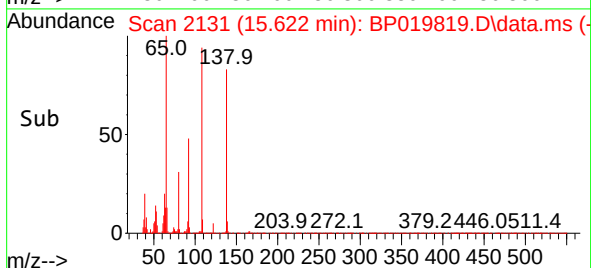
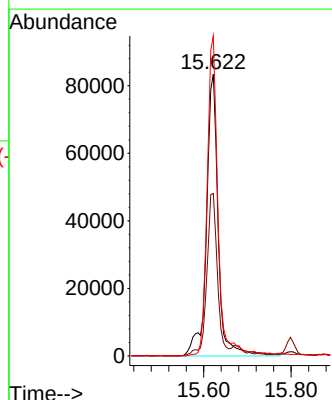
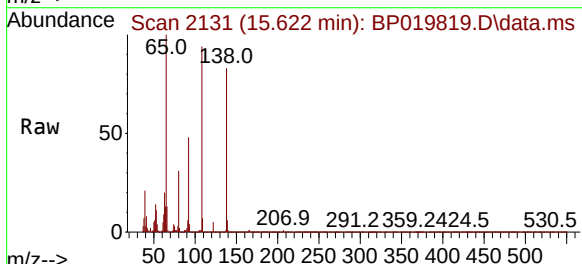
Instrument :  
BNA\_P  
ClientSampleId :  
PB159185BS

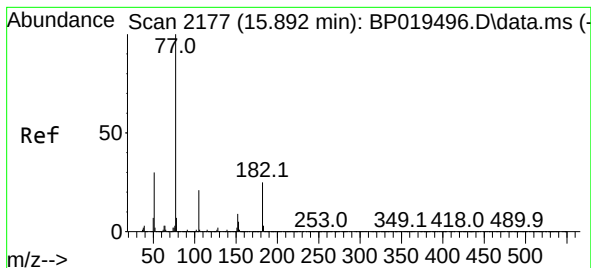
Tgt Ion:204 Resp: 393790  
Ion Ratio Lower Upper  
204 100  
206 33.0 26.5 39.7  
141 54.5 48.5 72.7



#62  
4-Nitroaniline  
Concen: 48.963 ng  
RT: 15.622 min Scan# 2131  
Delta R.T. 0.000 min  
Lab File: BP019819.D  
Acq: 22 Feb 2024 11:54

Tgt Ion:138 Resp: 156569  
Ion Ratio Lower Upper  
138 100  
92 57.6 38.3 78.3  
108 113.6 91.2 131.2





#63

Azobenzene

Concen: 45.454 ng

RT: 15.875 min Scan# 2174

Delta R.T. -0.006 min

Lab File: BP019819.D

Acq: 22 Feb 2024 11:54

Instrument :

BNA\_P

ClientSampleId :

PB159185BS

Tgt Ion: 77 Resp: 660557

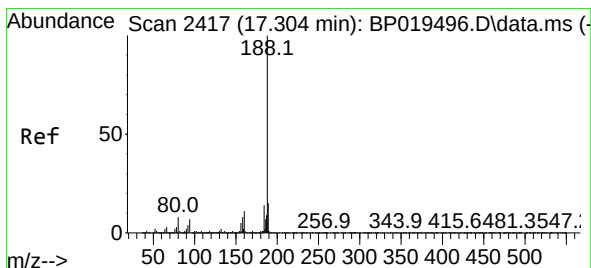
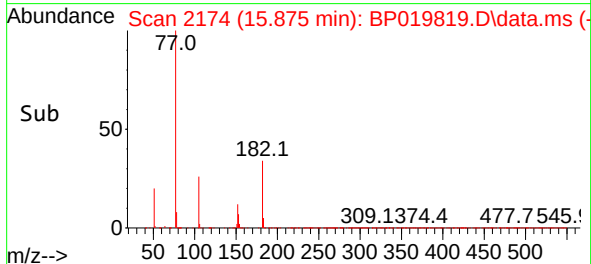
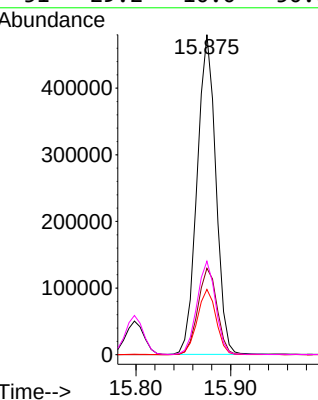
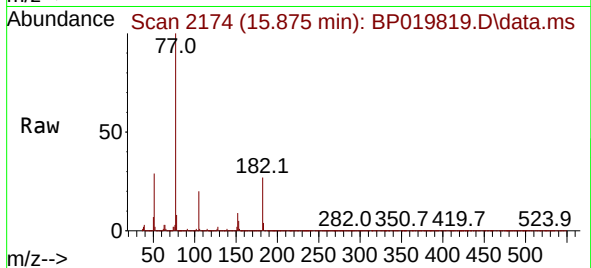
Ion Ratio Lower Upper

77 100

182 27.0 5.1 45.1

105 20.4 0.8 40.8

51 29.2 10.0 50.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.287 min Scan# 2414

Delta R.T. -0.006 min

Lab File: BP019819.D

Acq: 22 Feb 2024 11:54

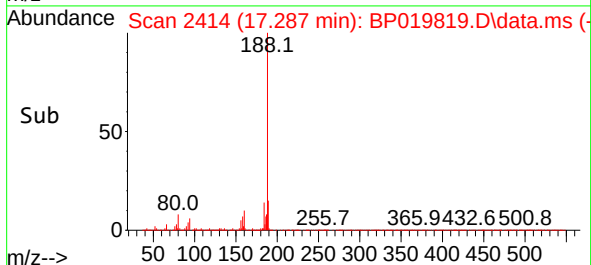
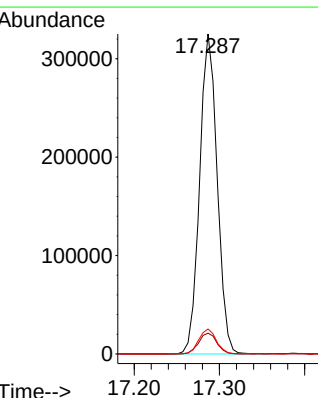
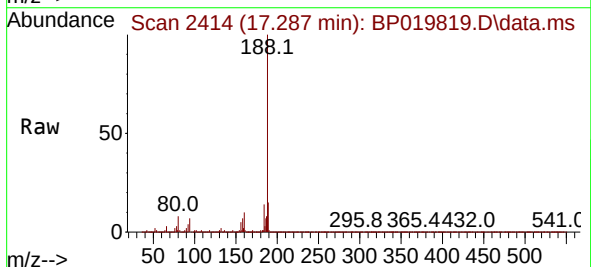
Tgt Ion: 188 Resp: 465076

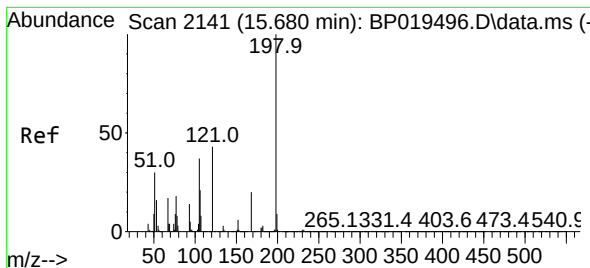
Ion Ratio Lower Upper

188 100

94 6.5 5.4 8.2

80 7.8 6.3 9.5

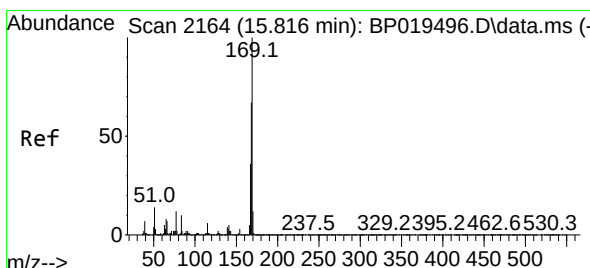
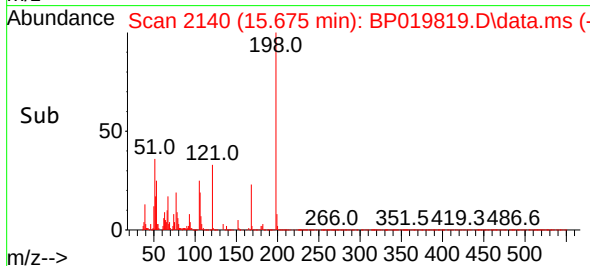
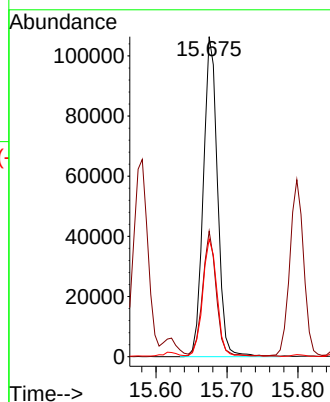
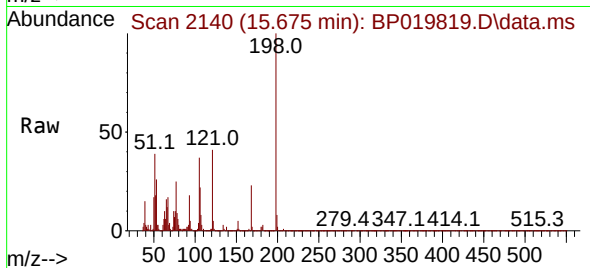




#65  
4,6-Dinitro-2-methylphenol  
Concen: 56.033 ng  
RT: 15.675 min Scan# 2140  
Delta R.T. -0.006 min  
Lab File: BP019819.D  
Acq: 22 Feb 2024 11:54

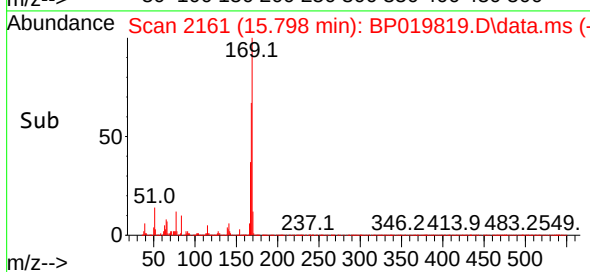
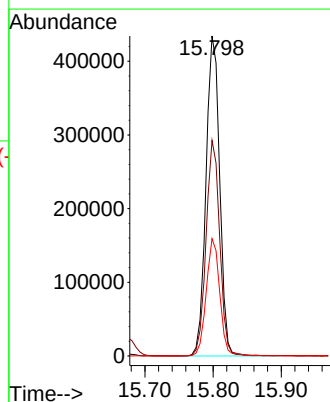
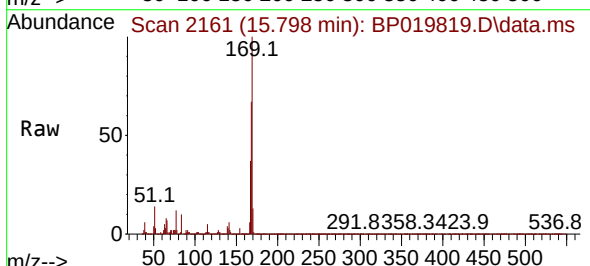
Instrument :  
BNA\_P  
ClientSampleId :  
PB159185BS

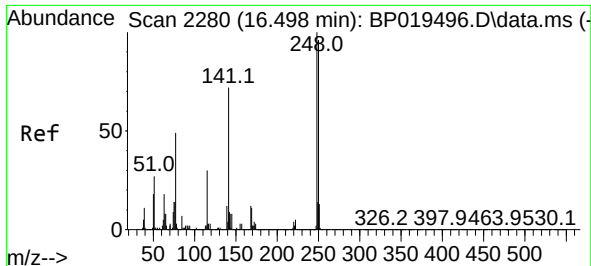
Tgt Ion:198 Resp: 148593  
Ion Ratio Lower Upper  
198 100  
51 39.2 21.2 61.2  
105 36.7 19.1 59.1



#66  
n-Nitrosodiphenylamine  
Concen: 43.544 ng  
RT: 15.798 min Scan# 2161  
Delta R.T. -0.006 min  
Lab File: BP019819.D  
Acq: 22 Feb 2024 11:54

Tgt Ion:169 Resp: 606509  
Ion Ratio Lower Upper  
169 100  
168 67.3 53.4 80.2  
167 36.6 28.9 43.3

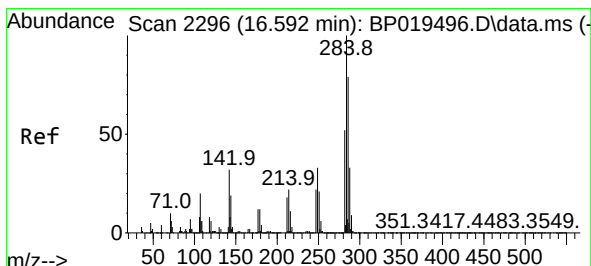
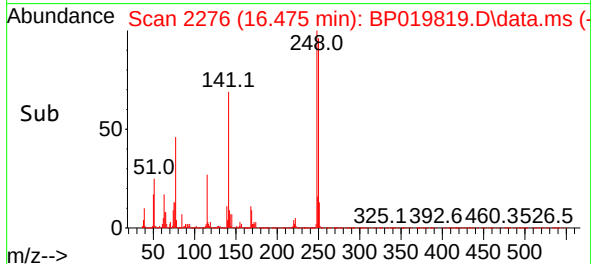
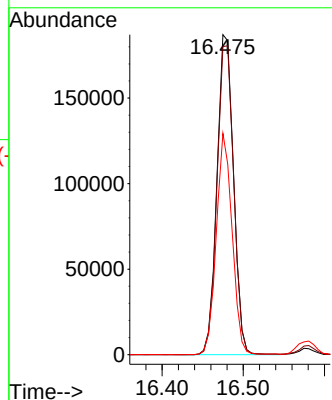
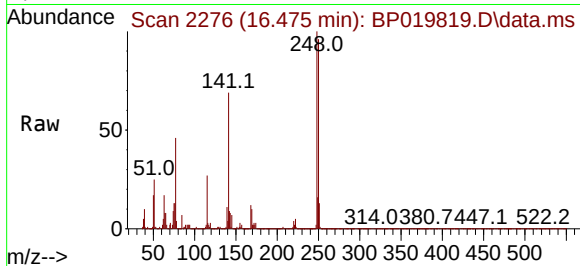




#67  
4-Bromophenyl-phenylether  
Concen: 45.812 ng  
RT: 16.475 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BP019819.D  
Acq: 22 Feb 2024 11:54

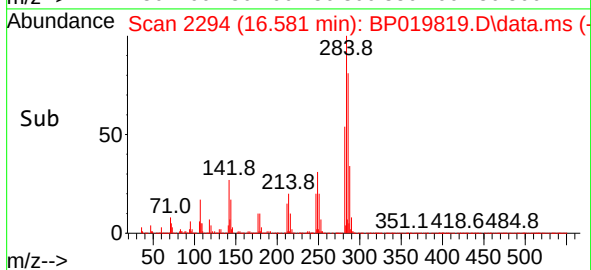
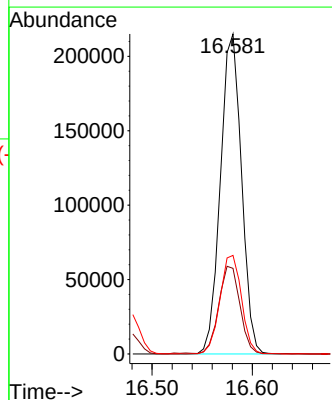
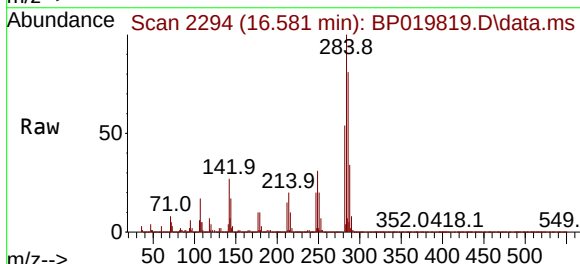
Instrument :  
BNA\_P  
ClientSampleId :  
PB159185BS

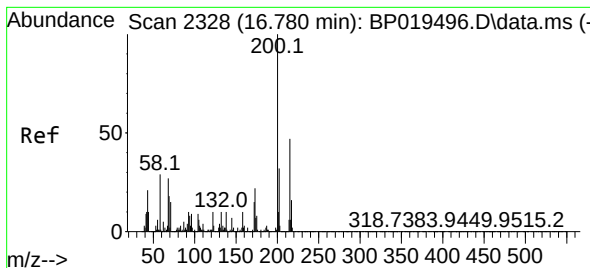
Tgt Ion:248 Resp: 266351  
Ion Ratio Lower Upper  
248 100  
250 96.3 76.9 115.3  
141 69.1 58.0 87.0



#68  
Hexachlorobenzene  
Concen: 46.128 ng  
RT: 16.581 min Scan# 2294  
Delta R.T. -0.006 min  
Lab File: BP019819.D  
Acq: 22 Feb 2024 11:54

Tgt Ion:284 Resp: 313182  
Ion Ratio Lower Upper  
284 100  
142 26.7 25.4 38.2  
249 30.8 26.5 39.7





#69

Atrazine

Concen: 50.799 ng

RT: 16.763 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019819.D

Acq: 22 Feb 2024 11:54

Instrument :

BNA\_P

ClientSampleId :

PB159185BS

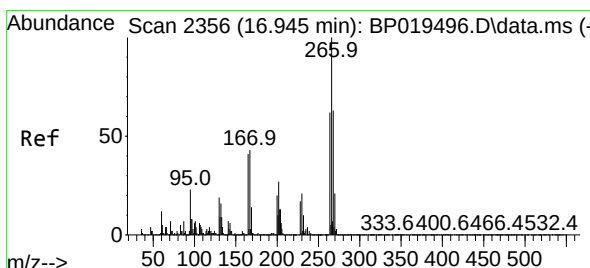
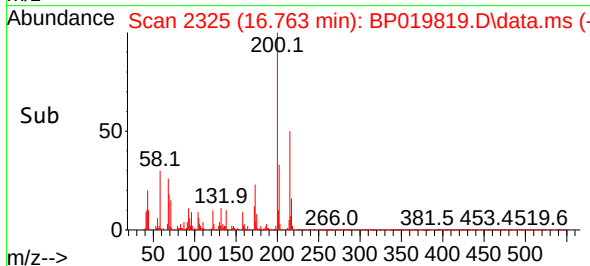
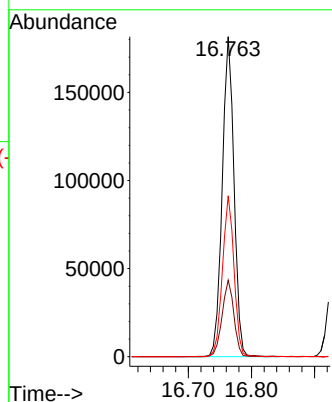
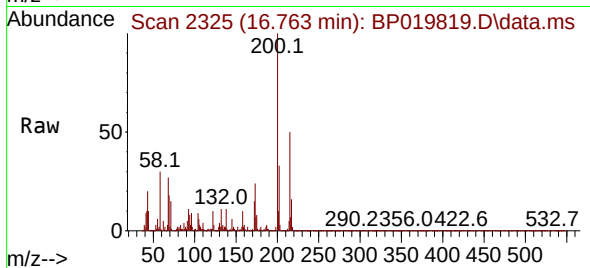
Tgt Ion:200 Resp: 234790

Ion Ratio Lower Upper

200 100

173 23.9 1.7 41.7

215 50.3 26.9 66.9



#70

Pentachlorophenol

Concen: 102.917 ng

RT: 16.934 min Scan# 2354

Delta R.T. -0.006 min

Lab File: BP019819.D

Acq: 22 Feb 2024 11:54

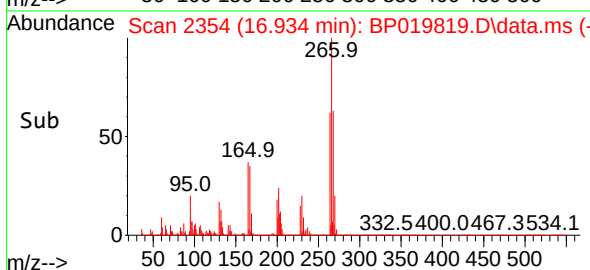
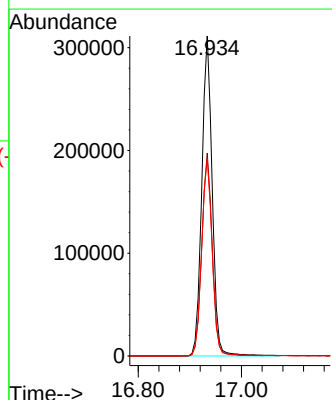
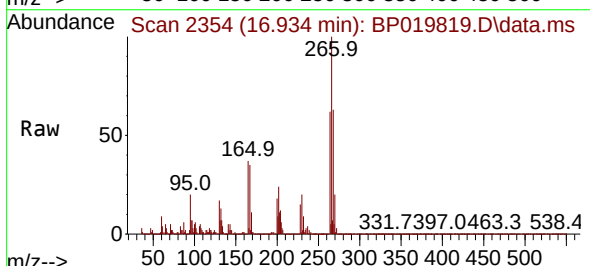
Tgt Ion:266 Resp: 435144

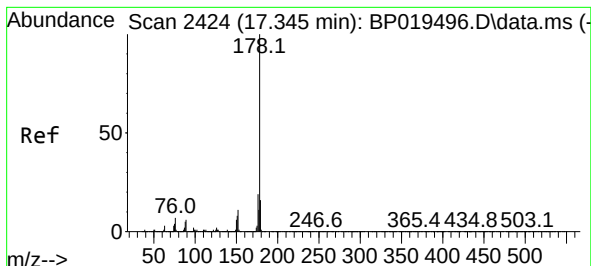
Ion Ratio Lower Upper

266 100

268 63.4 50.3 75.5

264 61.7 49.7 74.5





#71

Phenanthrene

Concen: 45.711 ng

RT: 17.334 min Scan# 2424

Delta R.T. -0.006 min

Lab File: BP019819.D

Acq: 22 Feb 2024 11:54

Instrument :

BNA\_P

ClientSampleId :

PB159185BS

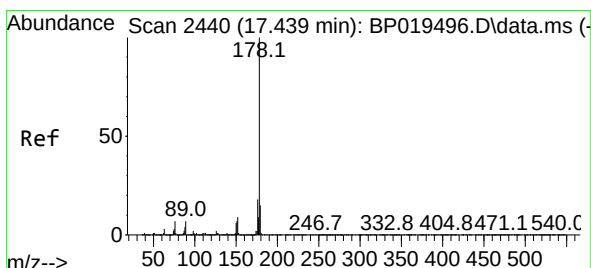
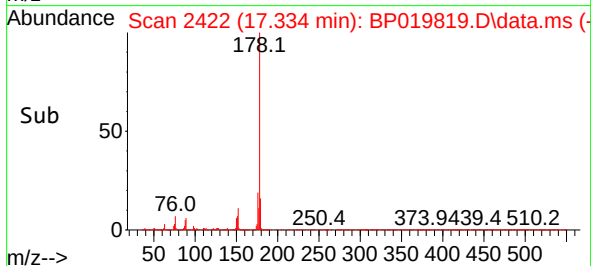
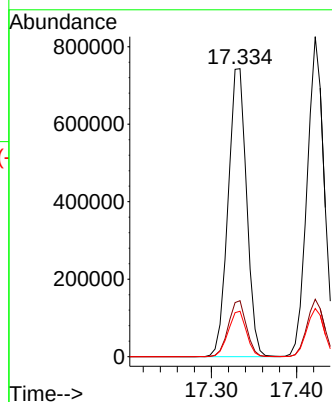
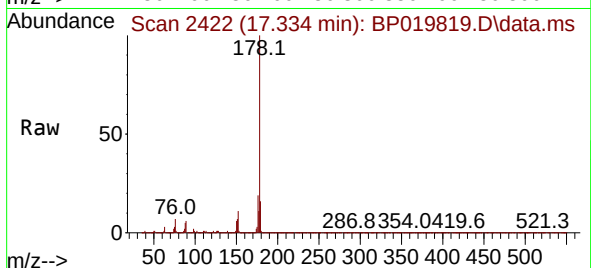
Tgt Ion:178 Resp: 1118789

Ion Ratio Lower Upper

178 100

176 19.4 15.5 23.3

179 15.8 12.6 19.0



#72

Anthracene

Concen: 46.856 ng

RT: 17.422 min Scan# 2437

Delta R.T. -0.006 min

Lab File: BP019819.D

Acq: 22 Feb 2024 11:54

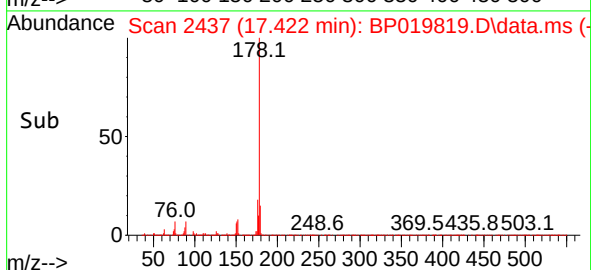
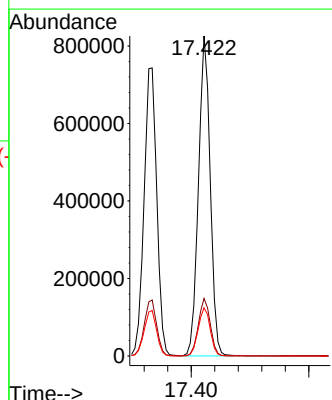
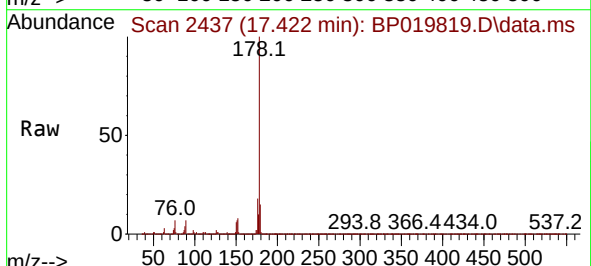
Tgt Ion:178 Resp: 1144028

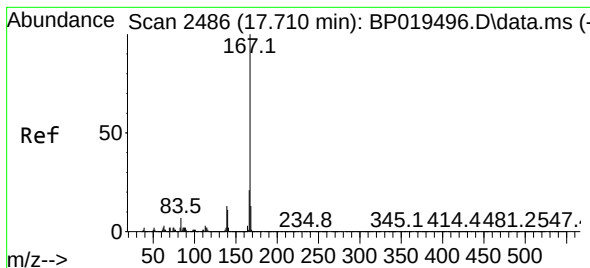
Ion Ratio Lower Upper

178 100

176 17.9 14.7 22.1

179 15.1 12.2 18.2





#73

Carbazole

Concen: 46.571 ng

RT: 17.698 min Scan# 2484

Delta R.T. -0.012 min

Lab File: BP019819.D

Acq: 22 Feb 2024 11:54

Instrument :

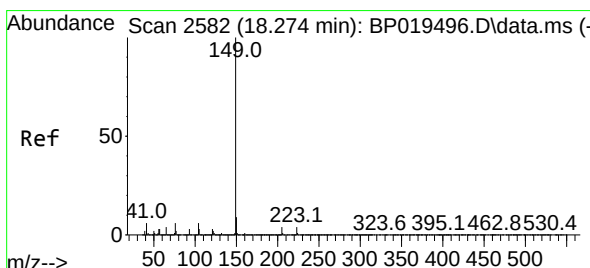
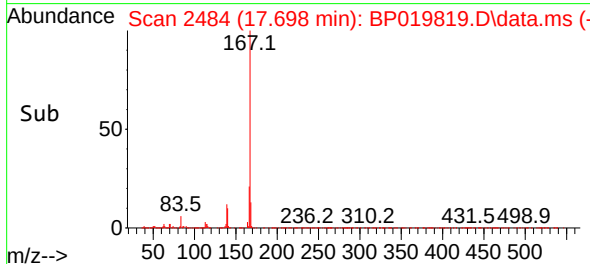
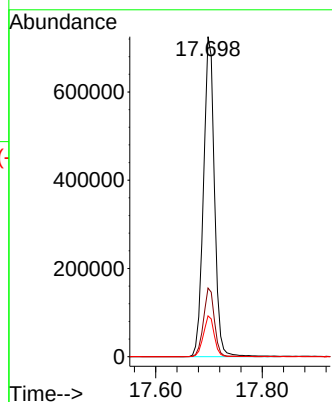
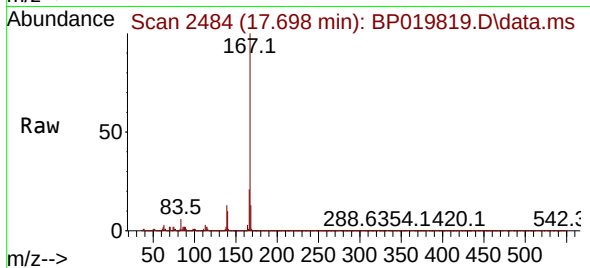
BNA\_P

ClientSampleId :

PB159185BS

Tgt Ion:167 Resp: 1032962

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 21.5  | 17.2  | 25.8  |
| 139 | 12.7  | 10.6  | 15.8  |



#74

Di-n-butylphthalate

Concen: 46.491 ng

RT: 18.257 min Scan# 2579

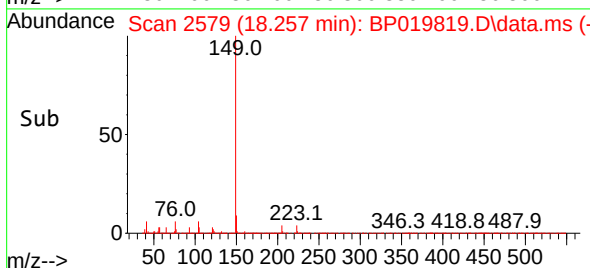
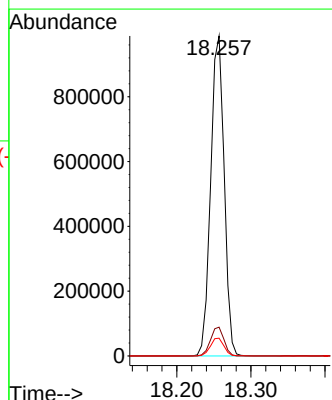
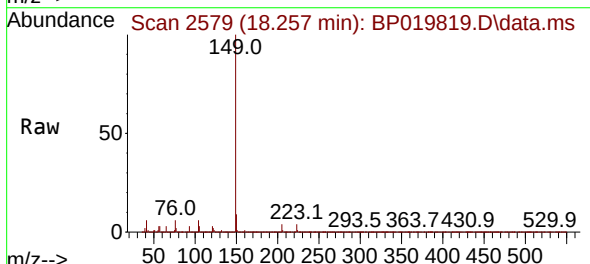
Delta R.T. -0.006 min

Lab File: BP019819.D

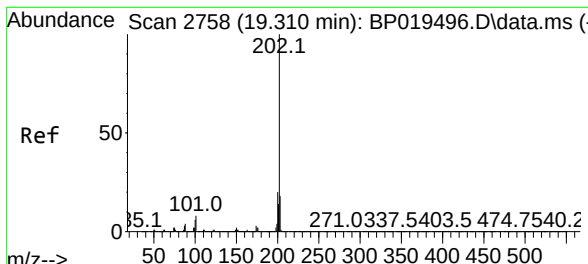
Acq: 22 Feb 2024 11:54

Tgt Ion:149 Resp: 1246830

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.0   | 7.3   | 10.9  |
| 104 | 5.6   | 4.8   | 7.2   |





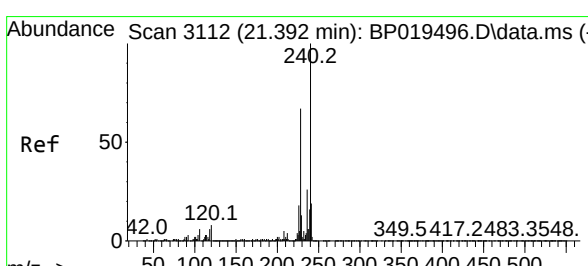
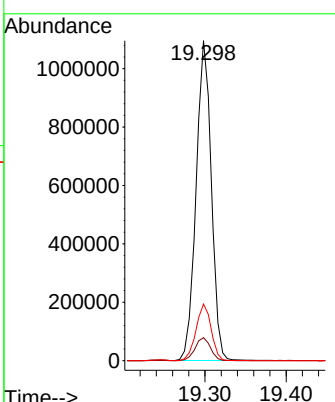
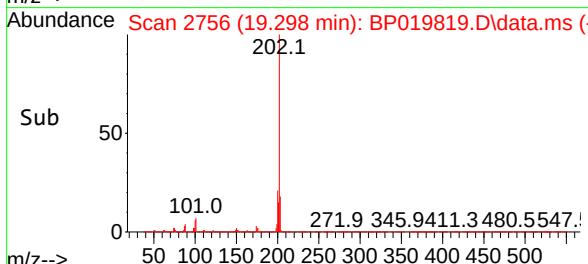
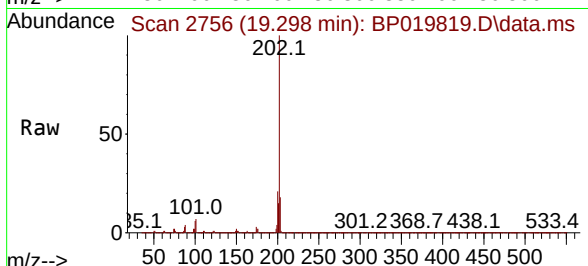


#75  
 Fluoranthene  
 Concen: 47.685 ng  
 RT: 19.298 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BP019819.D  
 Acq: 22 Feb 2024 11:54

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB159185BS

Tgt Ion:202 Resp: 1425751

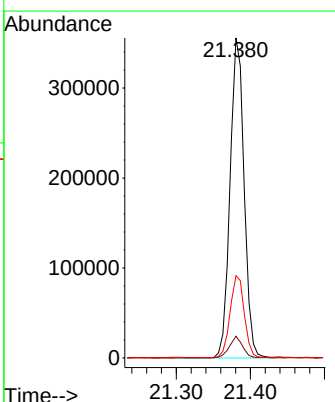
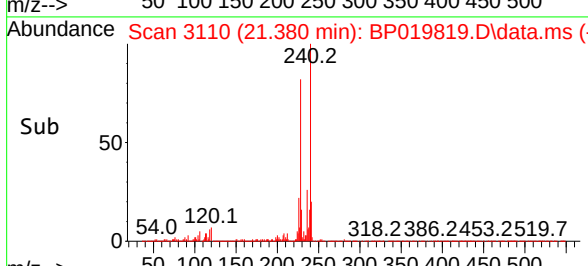
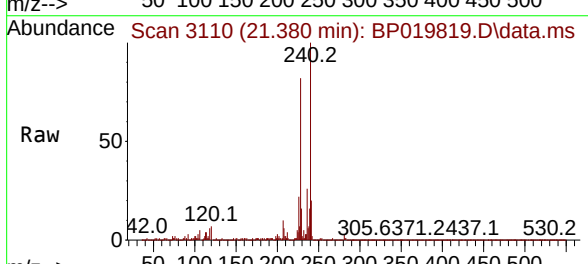
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 101 | 7.2   | 0.0   | 27.7  |
| 203 | 17.7  | 0.0   | 37.5  |

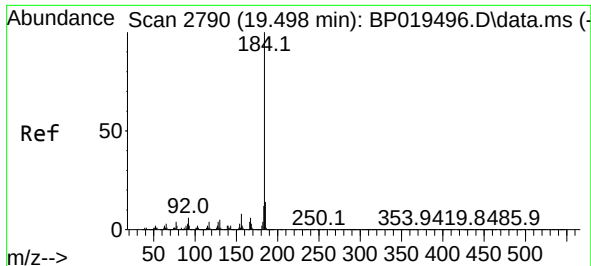


#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.380 min Scan# 3110  
 Delta R.T. -0.012 min  
 Lab File: BP019819.D  
 Acq: 22 Feb 2024 11:54

Tgt Ion:240 Resp: 467688

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100   |       |       |
| 120 | 6.8   | 6.1   | 9.1   |
| 236 | 25.7  | 20.7  | 31.1  |

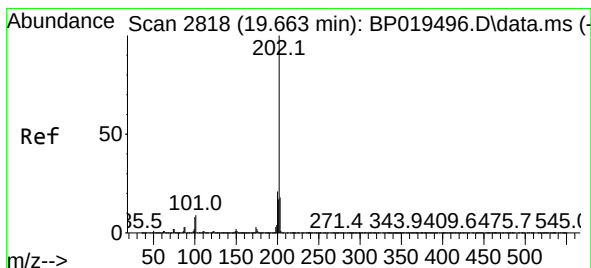
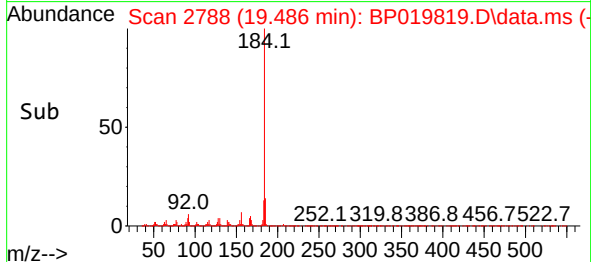
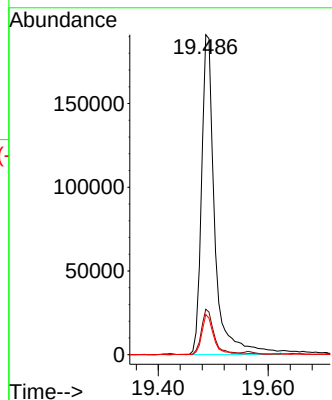
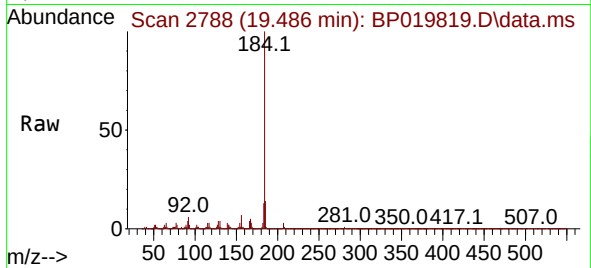




#77  
Benzidine  
Concen: 32.765 ng  
RT: 19.486 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BP019819.D  
Acq: 22 Feb 2024 11:54

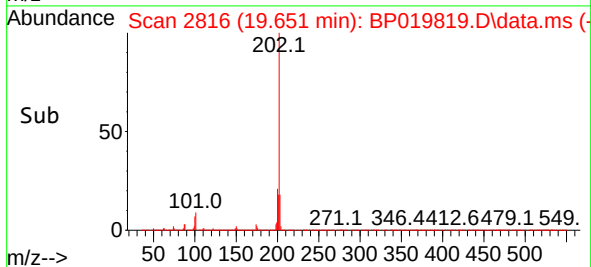
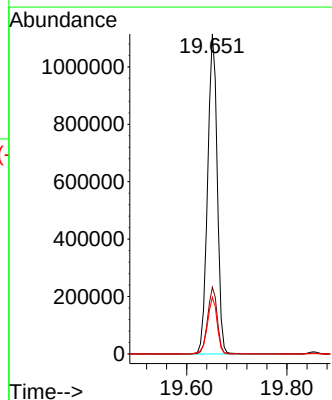
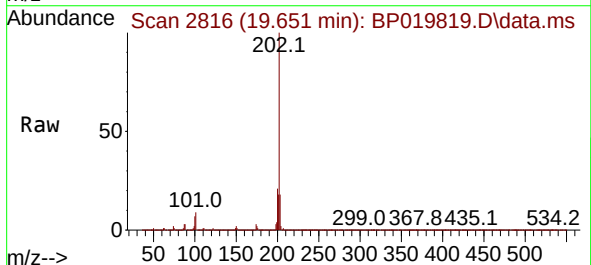
Instrument :  
BNA\_P  
ClientSampleId :  
PB159185BS

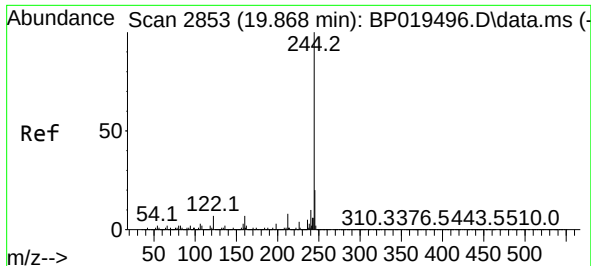
Tgt Ion:184 Resp: 320374  
Ion Ratio Lower Upper  
184 100  
185 14.2 11.1 16.7  
183 12.6 9.7 14.5



#78  
Pyrene  
Concen: 44.953 ng  
RT: 19.651 min Scan# 2816  
Delta R.T. -0.006 min  
Lab File: BP019819.D  
Acq: 22 Feb 2024 11:54

Tgt Ion:202 Resp: 1483774  
Ion Ratio Lower Upper  
202 100  
200 20.8 16.9 25.3  
203 17.7 14.2 21.2

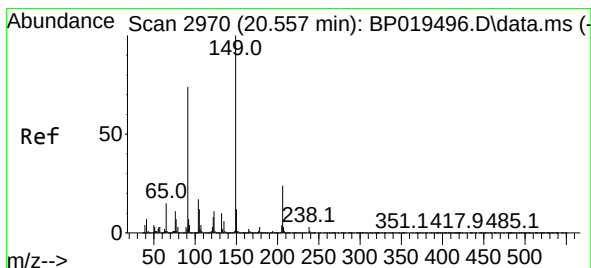
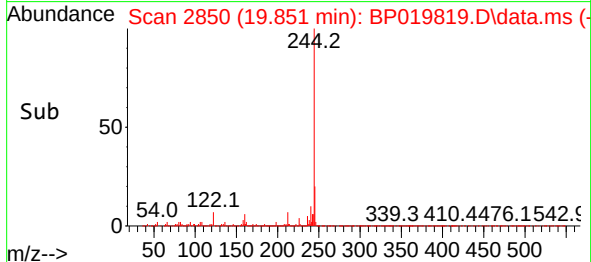
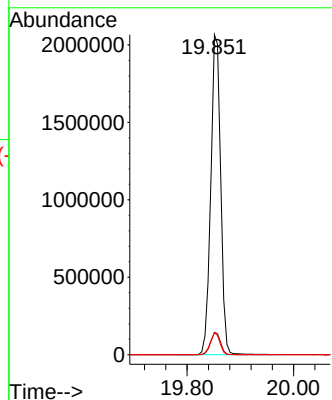
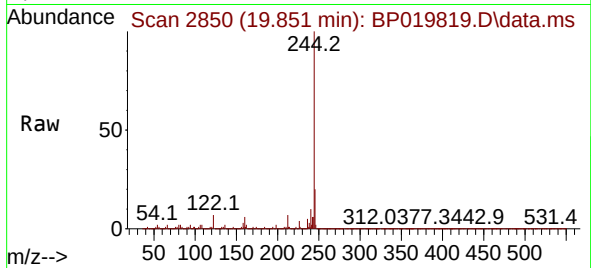




#79  
Terphenyl-d14  
Concen: 93.485 ng  
RT: 19.851 min Scan# 2850  
Delta R.T. -0.012 min  
Lab File: BP019819.D  
Acq: 22 Feb 2024 11:54

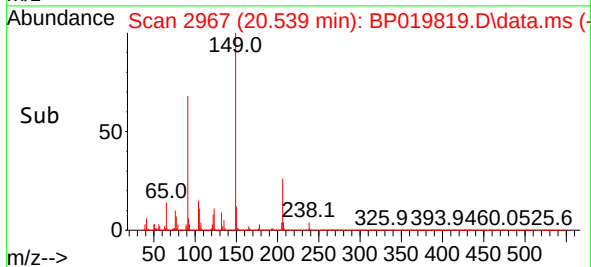
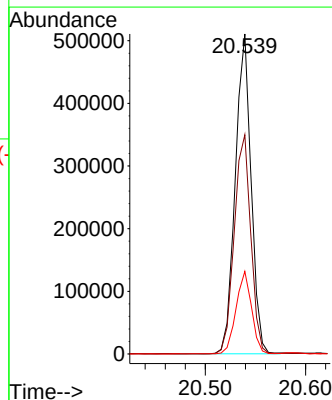
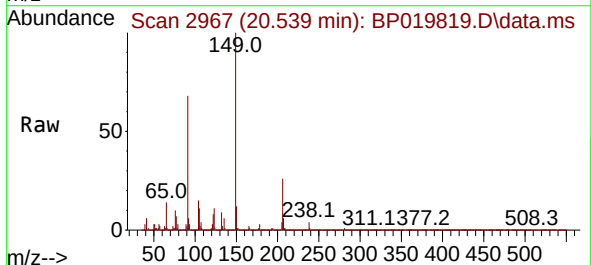
Instrument :  
BNA\_P  
ClientSampleId :  
PB159185BS

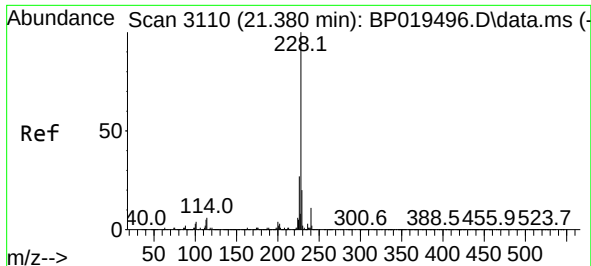
Tgt Ion:244 Resp: 2658608  
Ion Ratio Lower Upper  
244 100  
212 7.0 6.1 9.1  
122 6.8 5.9 8.9



#80  
Butylbenzylphthalate  
Concen: 45.454 ng  
RT: 20.539 min Scan# 2967  
Delta R.T. -0.006 min  
Lab File: BP019819.D  
Acq: 22 Feb 2024 11:54

Tgt Ion:149 Resp: 560292  
Ion Ratio Lower Upper  
149 100  
91 68.5 59.4 89.0  
206 25.8 19.0 28.6

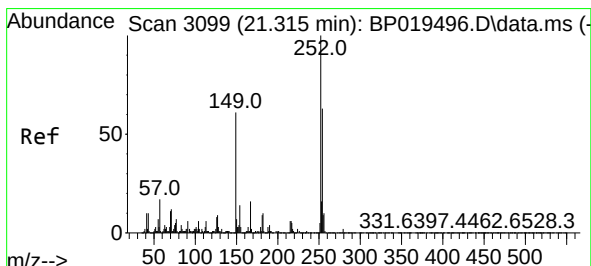
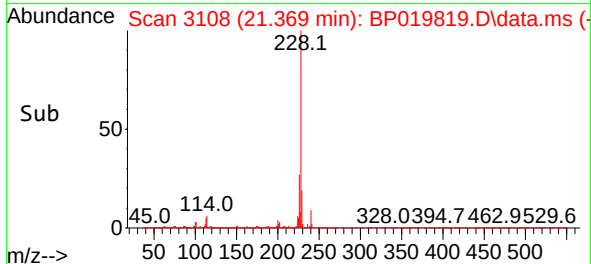
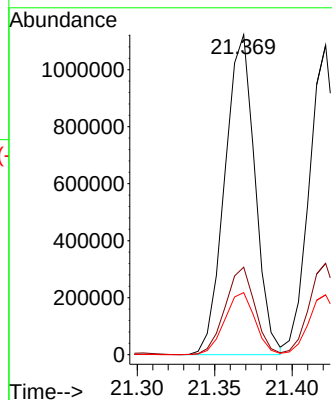
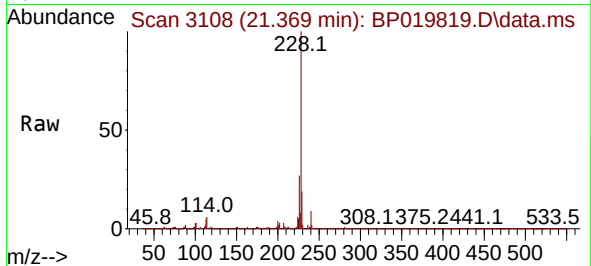




#81  
Benzo(a)anthracene  
Concen: 46.087 ng  
RT: 21.369 min Scan# 3110  
Delta R.T. -0.006 min  
Lab File: BP019819.D  
Acq: 22 Feb 2024 11:54

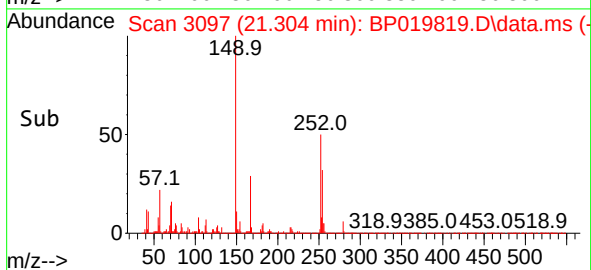
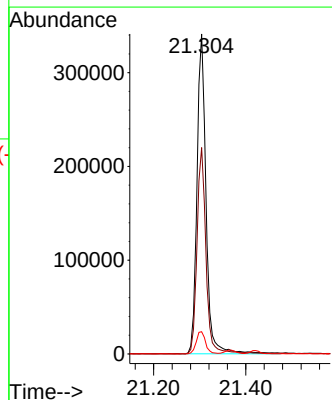
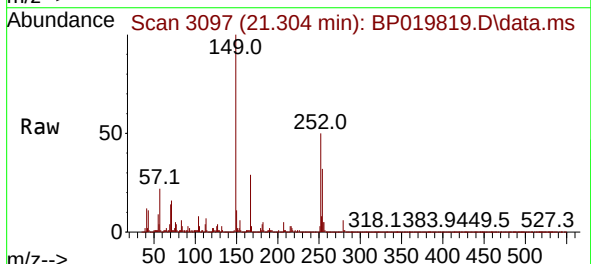
Instrument :  
BNA\_P  
ClientSampleId :  
PB159185BS

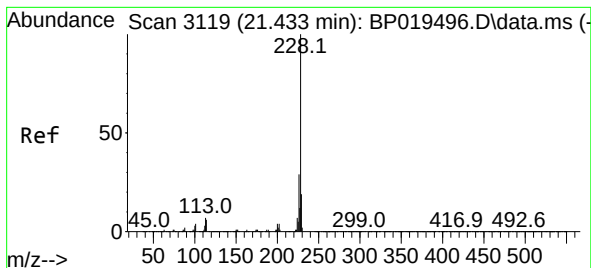
Tgt Ion:228 Resp: 1517264  
Ion Ratio Lower Upper  
228 100  
226 27.4 21.7 32.5  
229 19.4 15.6 23.4



#82  
3,3'-Dichlorobenzidine  
Concen: 38.724 ng  
RT: 21.304 min Scan# 3097  
Delta R.T. -0.006 min  
Lab File: BP019819.D  
Acq: 22 Feb 2024 11:54

Tgt Ion:252 Resp: 464562  
Ion Ratio Lower Upper  
252 100  
254 64.5 50.7 76.1  
126 6.9 6.4 9.6





#83

Chrysene

Concen: 45.102 ng

RT: 21.422 min Scan# 3119

Delta R.T. -0.006 min

Lab File: BP019819.D

Acq: 22 Feb 2024 11:54

Instrument :

BNA\_P

ClientSampleId :

PB159185BS

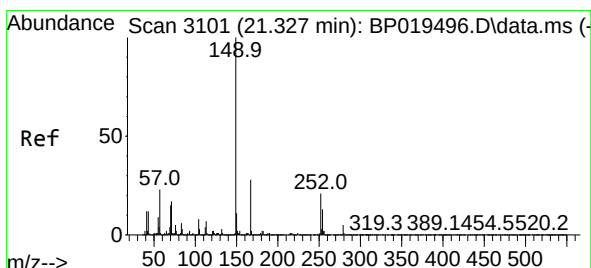
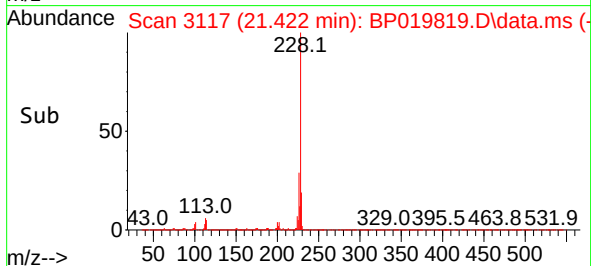
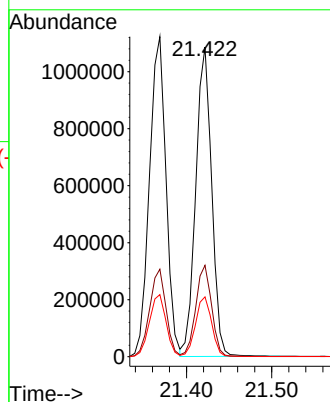
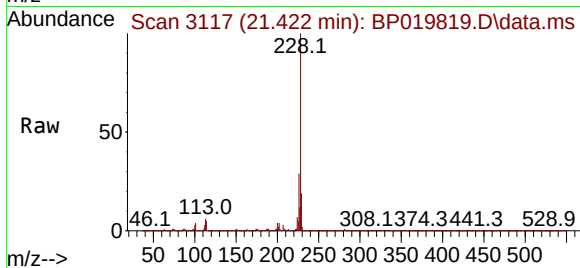
Tgt Ion:228 Resp: 1409720

Ion Ratio Lower Upper

228 100

226 29.5 23.4 35.2

229 19.3 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.066 ng

RT: 21.304 min Scan# 3097

Delta R.T. -0.006 min

Lab File: BP019819.D

Acq: 22 Feb 2024 11:54

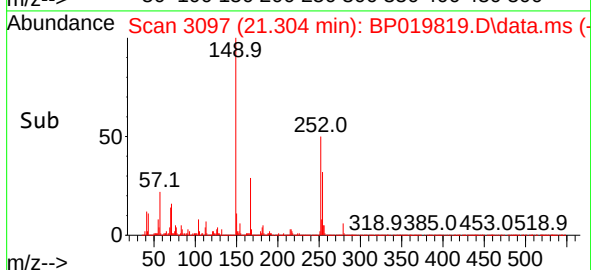
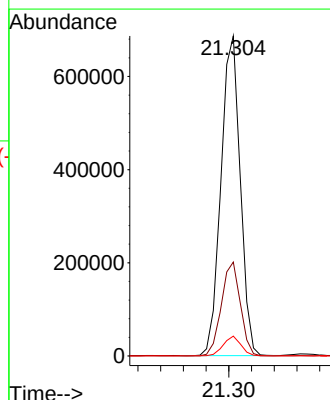
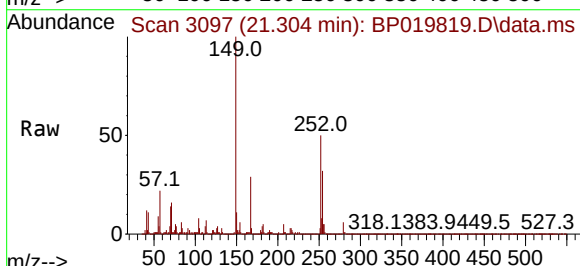
Tgt Ion:149 Resp: 808351

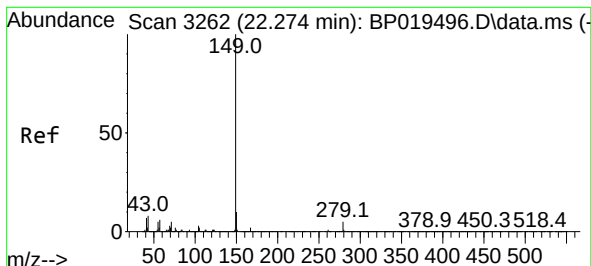
Ion Ratio Lower Upper

149 100

167 29.4 22.7 34.1

279 6.2 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 41.684 ng

RT: 22.245 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP019819.D

Acq: 22 Feb 2024 11:54

Instrument :

BNA\_P

ClientSampleId :

PB159185BS

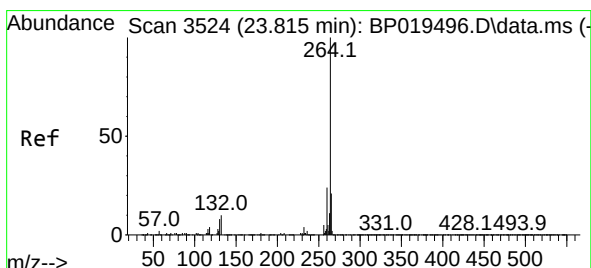
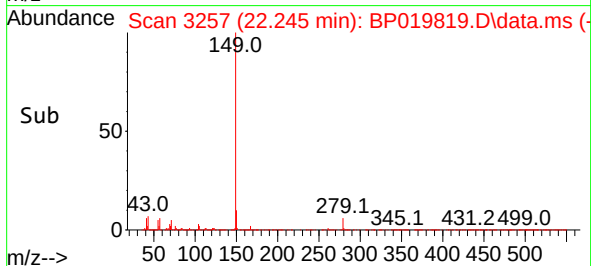
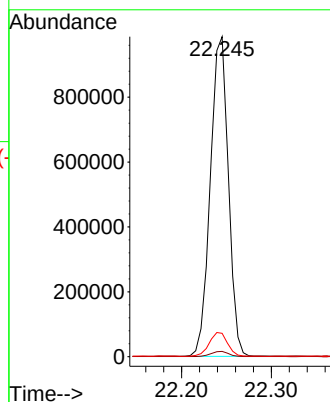
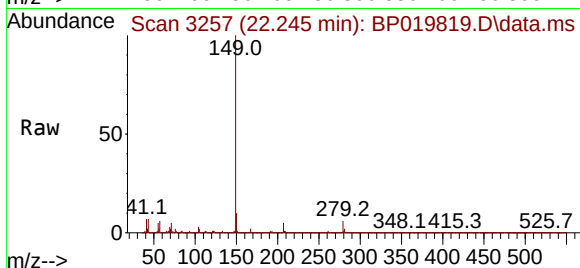
Tgt Ion:149 Resp: 1376585

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.5 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.798 min Scan# 3521

Delta R.T. -0.012 min

Lab File: BP019819.D

Acq: 22 Feb 2024 11:54

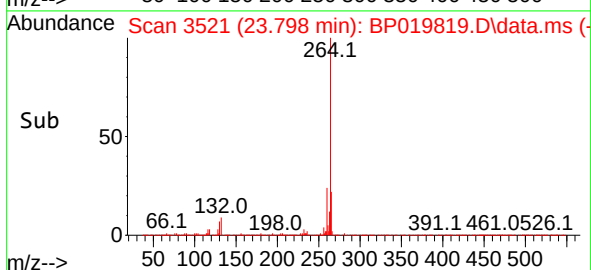
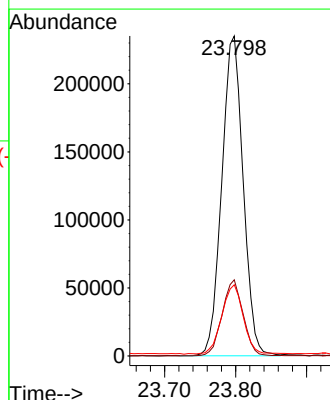
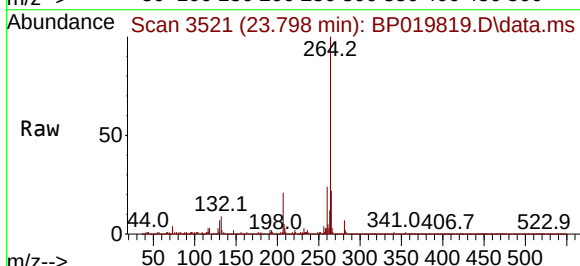
Tgt Ion:264 Resp: 490307

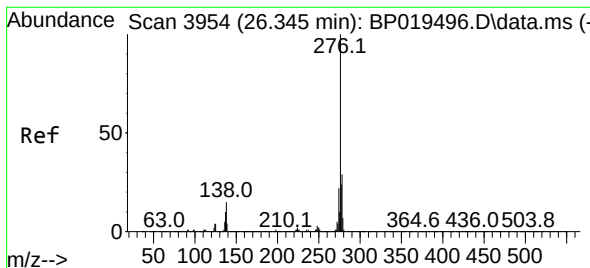
Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 22.3 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.647 ng

RT: 26.333 min Scan# 3952

Delta R.T. -0.012 min

Lab File: BP019819.D

Acq: 22 Feb 2024 11:54

Instrument :

BNA\_P

ClientSampleId :

PB159185BS

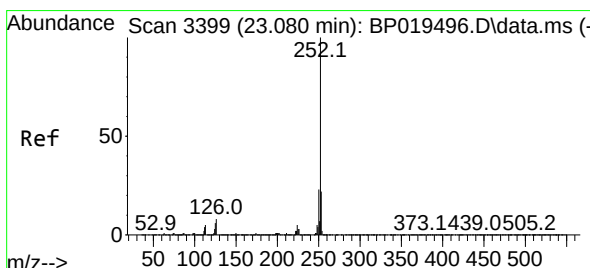
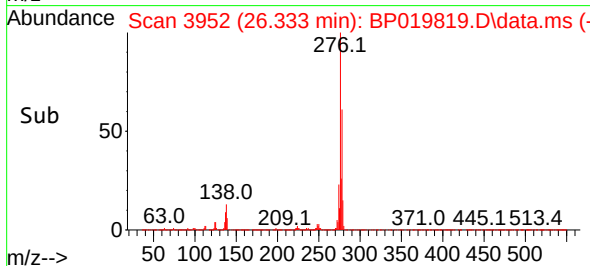
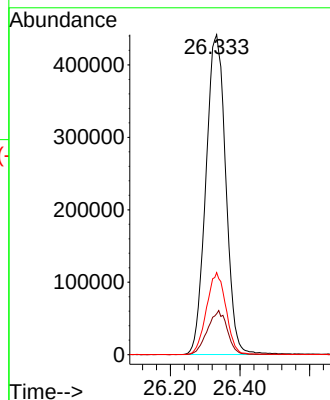
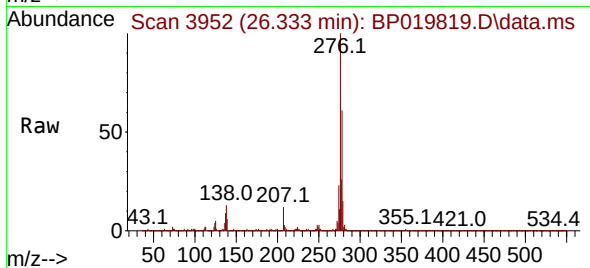
Tgt Ion:276 Resp: 1750718

Ion Ratio Lower Upper

276 100

138 13.7 13.1 19.7

277 25.3 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 48.774 ng

RT: 23.063 min Scan# 3396

Delta R.T. -0.012 min

Lab File: BP019819.D

Acq: 22 Feb 2024 11:54

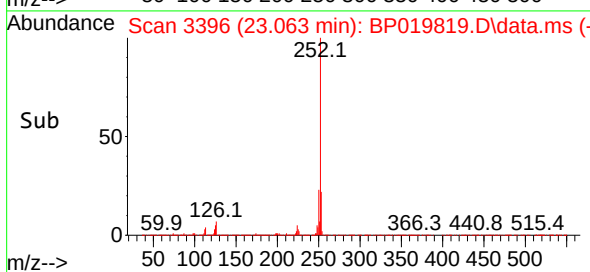
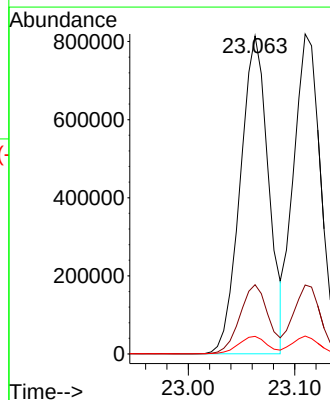
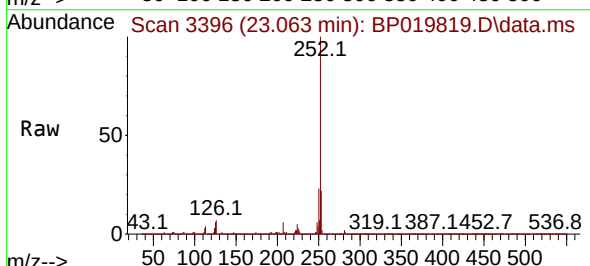
Tgt Ion:252 Resp: 1507204

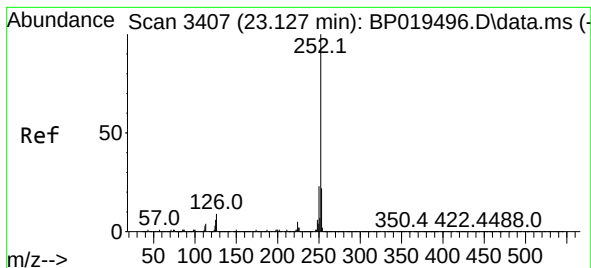
Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

125 5.5 4.9 7.3





#89

Benzo(k)fluoranthene

Concen: 49.077 ng

RT: 23.110 min Scan# 34

Delta R.T. -0.012 min

Lab File: BP019819.D

Acq: 22 Feb 2024 11:54

Instrument :

BNA\_P

ClientSampleId :

PB159185BS

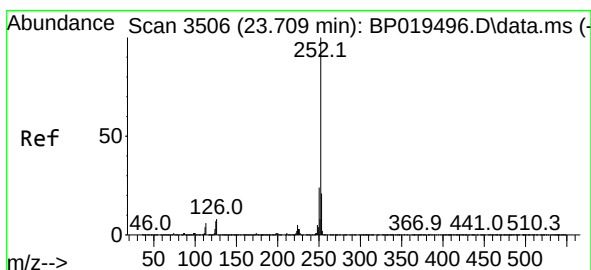
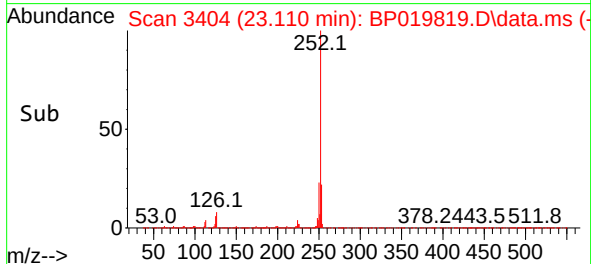
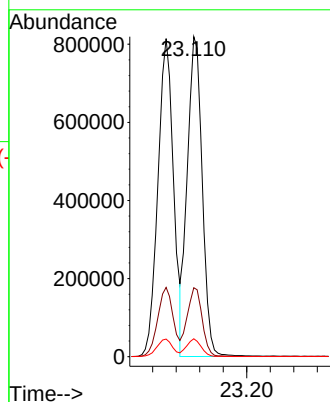
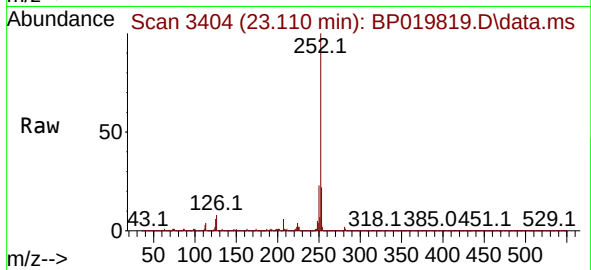
Tgt Ion:252 Resp: 1448662

Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

125 5.6 5.0 7.6



#90

Benzo(a)pyrene

Concen: 49.016 ng

RT: 23.692 min Scan# 3503

Delta R.T. -0.012 min

Lab File: BP019819.D

Acq: 22 Feb 2024 11:54

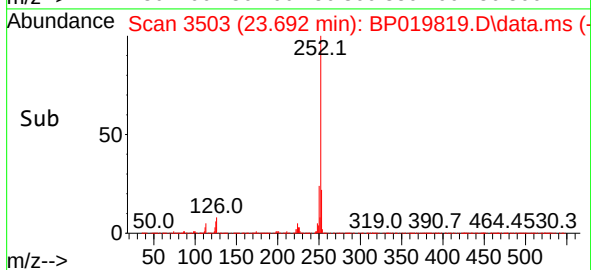
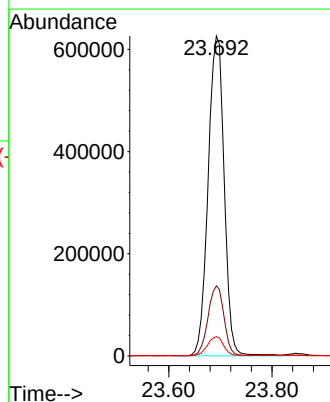
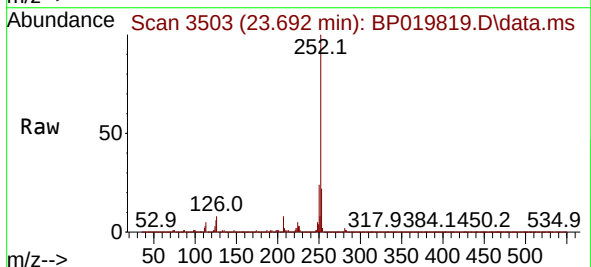
Tgt Ion:252 Resp: 1347722

Ion Ratio Lower Upper

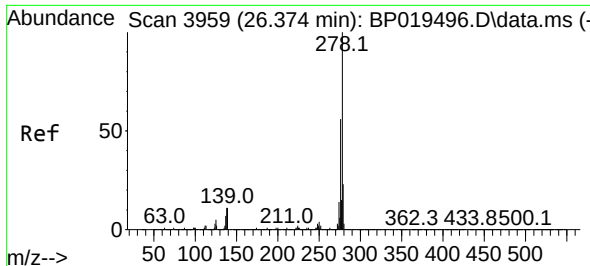
252 100

253 21.9 17.1 25.7

125 6.1 5.6 8.4



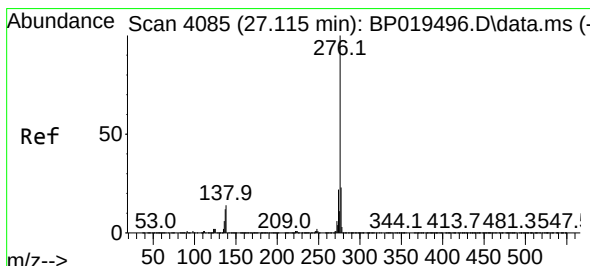
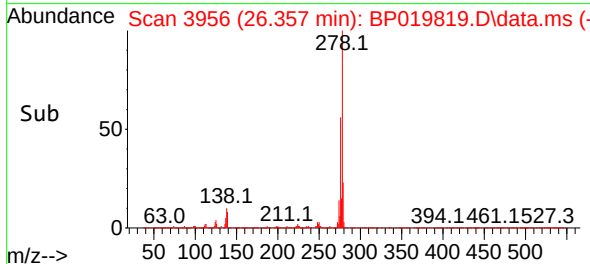
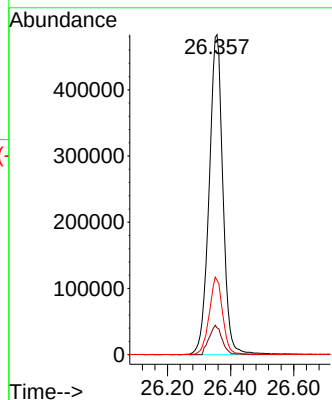
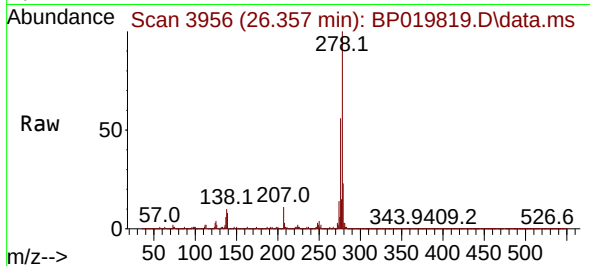




#91  
Dibenzo(a,h)anthracene  
Concen: 47.448 ng  
RT: 26.357 min Scan# 3956  
Delta R.T. -0.012 min  
Lab File: BP019819.D  
Acq: 22 Feb 2024 11:54

Instrument :  
BNA\_P  
ClientSampleId :  
PB159185BS

Tgt Ion:278 Resp: 1464625  
Ion Ratio Lower Upper  
278 100  
139 8.4 8.6 12.8#  
279 23.3 18.5 27.7



#92  
Benzo(g,h,i)perylene  
Concen: 44.383 ng  
RT: 27.104 min Scan# 4083  
Delta R.T. -0.017 min  
Lab File: BP019819.D  
Acq: 22 Feb 2024 11:54

Tgt Ion:276 Resp: 1389868  
Ion Ratio Lower Upper  
276 100  
277 23.8 18.6 28.0  
138 11.3 10.9 16.3

