

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM012121\  
 Data File : BM028496.D  
 Acq On : 21 Jan 2021 19:54  
 Operator : CG/JU  
 Sample : M1179-06MSD  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 HS-TP3MSD

Quant Time: Jan 21 23:34:44 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM012021.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jan 20 14:45:01 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.016  | 152  | 32911    | 20.00  | ng    | -0.02    |
| 21) Naphthalene-d8            | 10.834 | 136  | 128853   | 20.00  | ng    | #-0.02   |
| 39) Acenaphthene-d10          | 14.663 | 164  | 71335    | 20.00  | ng    | -0.01    |
| 64) Phenanthrene-d10          | 17.386 | 188  | 139481   | 20.00  | ng    | #-0.02   |
| 76) Chrysene-d12              | 21.521 | 240  | 132938   | 20.00  | ng    | #-0.01   |
| 86) Perylene-d12              | 23.803 | 264  | 134270   | 20.00  | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.540  | 112  | 208703   | 100.17 | ng    | -0.01    |
| 7) Phenol-d6                  | 7.181  | 99   | 265265   | 93.51  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.192  | 82   | 169156   | 62.26  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol      | 16.145 | 330  | 92250    | 97.60  | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 13.286 | 172  | 347024   | 61.03  | ng    | -0.01    |
| 79) Terphenyl-d14             | 19.980 | 244  | 414239   | 56.27  | ng    | -0.01    |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.322  | 88   | 28391    | 33.97  | ng    | # 67     |
| 3) Pyridine                   | 3.752  | 79   | 81494    | 35.22  | ng    | # 50     |
| 4) n-Nitrosodimethylamine     | 3.657  | 42   | 50808    | 38.18  | ng    | # 57     |
| 6) Aniline                    | 7.340  | 93   | 54234    | 17.64  | ng    | 98       |
| 8) 2-Chlorophenol             | 7.575  | 128  | 98886    | 42.69  | ng    | 98       |
| 9) Benzaldehyde               | 7.146  | 77   | 60460    | 40.96  | ng    | 83       |
| 10) Phenol                    | 7.204  | 94   | 121425   | 45.42  | ng    | 87       |
| 11) bis(2-Chloroethyl)ether   | 7.434  | 93   | 89424    | 41.48  | ng    | 91       |
| 12) 1,3-Dichlorobenzene       | 7.904  | 146  | 109987   | 40.23  | ng    | # 91     |
| 13) 1,4-Dichlorobenzene       | 8.051  | 146  | 110983   | 40.15  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 8.375  | 146  | 105312   | 39.71  | ng    | 98       |
| 15) Benzyl Alcohol            | 8.263  | 79   | 82573    | 41.78  | ng    | # 88     |
| 16) 2,2'-oxybis(1-Chloropr... | 8.557  | 45   | 143660   | 36.92  | ng    | 70       |
| 17) 2-Methylphenol            | 8.469  | 107  | 79156    | 42.76  | ng    | # 88     |
| 18) Hexachloroethane          | 9.104  | 117  | 41193    | 39.59  | ng    | 90       |
| 19) n-Nitroso-di-n-propyla... | 8.834  | 70   | 68358    | 40.47  | ng    | # 65     |
| 20) 3+4-Methylphenols         | 8.798  | 107  | 106200   | 42.77  | ng    | 91       |
| 22) Acetophenone              | 8.851  | 105  | 136842   | 40.96  | ng    | # 89     |
| 24) Nitrobenzene              | 9.239  | 77   | 104693   | 39.92  | ng    | # 86     |
| 25) Isophorone                | 9.763  | 82   | 179518   | 43.13  | ng    | 96       |
| 26) 2-Nitrophenol             | 9.951  | 139  | 52744    | 44.44  | ng    | # 82     |
| 27) 2,4-Dimethylphenol        | 10.004 | 122  | 83295    | 48.27  | ng    | 89       |
| 28) bis(2-Chloroethoxy)met... | 10.239 | 93   | 114909   | 39.11  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 10.481 | 162  | 86916    | 42.21  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.698 | 180  | 95185    | 38.92  | ng    | 97       |
| 31) Naphthalene               | 10.886 | 128  | 295743   | 40.62  | ng    | 99       |
| 32) Benzoic acid              | 10.151 | 122  | 62602    | 40.31  | ng    | # 85     |
| 33) 4-Chloroaniline           | 10.992 | 127  | 35596    | 11.77  | ng    | # 92     |
| 34) Hexachlorobutadiene       | 11.163 | 225  | 54684    | 37.47  | ng    | 99       |
| 35) Caprolactam               | 11.792 | 113  | 26889    | 40.35  | ng    | # 55     |
| 36) 4-Chloro-3-methylphenol   | 12.116 | 107  | 90015    | 42.04  | ng    | 94       |
| 37) 2-Methylnaphthalene       | 12.492 | 142  | 206545   | 41.16  | ng    | 96       |
| 38) 1-Methylnaphthalene       | 12.710 | 142  | 192943   | 40.52  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.857 | 216  | 98094    | 41.69  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 12.833 | 237  | 118645   | 107.94 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 13.098 | 196  | 65333    | 41.40  | ng    | 97       |

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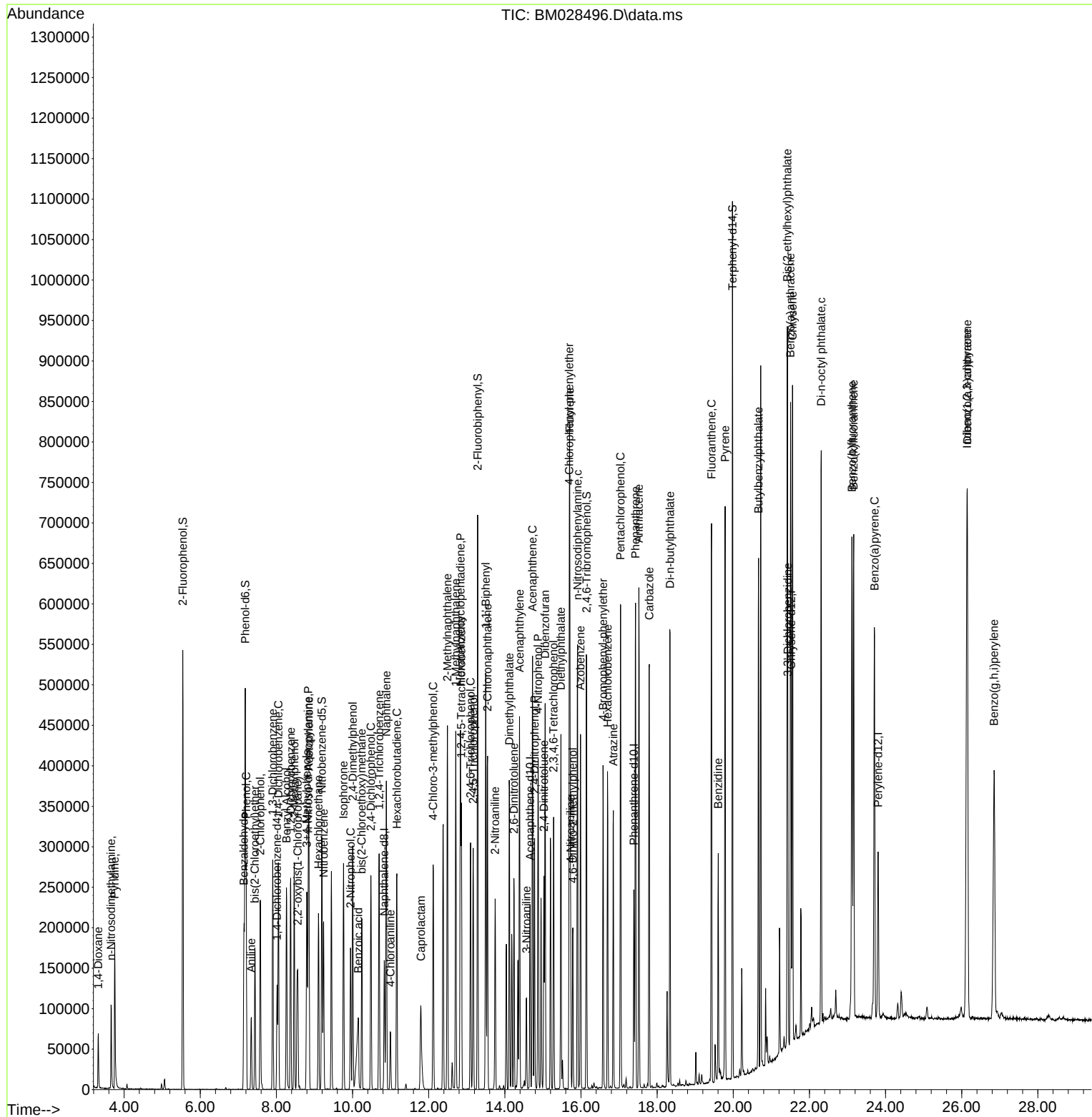
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.169 | 196  | 70398    | 43.10 | ng    | # 98     |
| 46) 1,1'-Biphenyl             | 13.498 | 154  | 251131   | 41.25 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 13.545 | 162  | 195277   | 39.25 | ng    | 98       |
| 48) 2-Nitroaniline            | 13.745 | 65   | 59732    | 38.29 | ng    | 86       |
| 49) Acenaphthylene            | 14.386 | 152  | 307174   | 41.61 | ng    | 99       |
| 50) Dimethylphthalate         | 14.122 | 163  | 239226   | 40.79 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.239 | 165  | 52452    | 42.04 | ng    | 89       |
| 52) Acenaphthene              | 14.727 | 154  | 185357   | 40.44 | ng    | 98       |
| 53) 3-Nitroaniline            | 14.569 | 138  | 25991    | 18.48 | ng    | 90       |
| 54) 2,4-Dinitrophenol         | 14.780 | 184  | 60490    | 81.41 | ng    | 91       |
| 55) Dibenzofuran              | 15.057 | 168  | 285411   | 40.49 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.874 | 139  | 96199    | 86.87 | ng    | # 77     |
| 57) 2,4-Dinitrotoluene        | 15.027 | 165  | 70780    | 42.59 | ng    | 90       |
| 58) Fluorene                  | 15.704 | 166  | 233764   | 40.48 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.280 | 232  | 61036    | 42.28 | ng    | 94       |
| 60) Diethylphthalate          | 15.474 | 149  | 233960   | 39.30 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.692 | 204  | 110857   | 38.97 | ng    | 95       |
| 62) 4-Nitroaniline            | 15.727 | 138  | 53210    | 34.75 | ng    | # 81     |
| 63) Azobenzene                | 15.986 | 77   | 224835   | 40.22 | ng    | 91       |
| 65) 4,6-Dinitro-2-methylph... | 15.786 | 198  | 39790    | 45.92 | ng    | 81       |
| 66) n-Nitrosodiphenylamine    | 15.910 | 169  | 200381   | 42.90 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 16.580 | 248  | 67434    | 40.82 | ng    | 94       |
| 68) Hexachlorobenzene         | 16.698 | 284  | 76614    | 39.91 | ng    | 97       |
| 69) Atrazine                  | 16.851 | 200  | 56413    | 40.74 | ng    | 97       |
| 70) Pentachlorophenol         | 17.039 | 266  | 96865    | 92.59 | ng    | 99       |
| 71) Phenanthrene              | 17.433 | 178  | 348022   | 40.57 | ng    | 100      |
| 72) Anthracene                | 17.521 | 178  | 358937   | 43.32 | ng    | 99       |
| 73) Carbazole                 | 17.792 | 167  | 326671   | 41.57 | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.339 | 149  | 404577   | 42.79 | ng    | # 98     |
| 75) Fluoranthene              | 19.427 | 202  | 393665   | 40.86 | ng    | 97       |
| 77) Benzidine                 | 19.604 | 184  | 142540   | 47.68 | ng    | 99       |
| 78) Pyrene                    | 19.786 | 202  | 397150   | 41.67 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.662 | 149  | 178155   | 42.39 | ng    | 97       |
| 81) Benzo(a)anthracene        | 21.503 | 228  | 374556   | 40.80 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.433 | 252  | 79454    | 26.93 | ng    | # 97     |
| 83) Chrysene                  | 21.556 | 228  | 363152   | 40.98 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.421 | 149  | 261275   | 43.97 | ng    | 97       |
| 85) Di-n-octyl phthalate      | 22.309 | 149  | 446641   | 44.45 | ng    | # 90     |
| 87) Indeno(1,2,3-cd)pyrene    | 26.138 | 276  | 438715   | 43.85 | ng    | # 90     |
| 88) Benzo(b)fluoranthene      | 23.115 | 252  | 389495   | 42.73 | ng    | # 97     |
| 89) Benzo(k)fluoranthene      | 23.162 | 252  | 369606   | 41.53 | ng    | # 96     |
| 90) Benzo(a)pyrene            | 23.709 | 252  | 351115   | 41.57 | ng    | # 97     |
| 91) Dibenzo(a,h)anthracene    | 26.144 | 278  | 368979   | 44.58 | ng    | # 94     |
| 92) Benzo(g,h,i)perylene      | 26.850 | 276  | 368177   | 45.23 | ng    | # 92     |

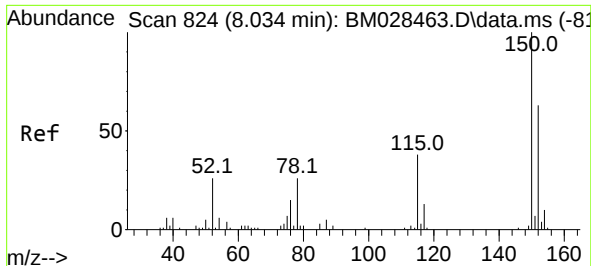
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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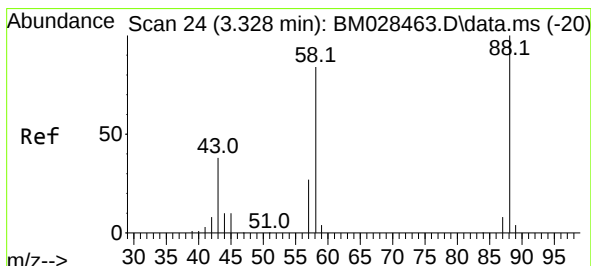
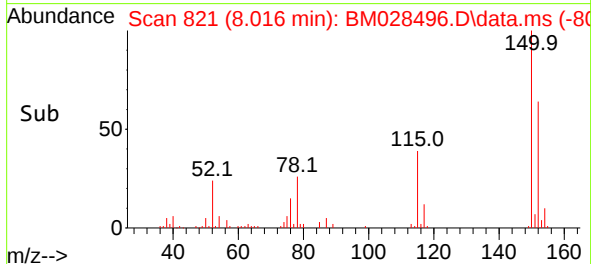
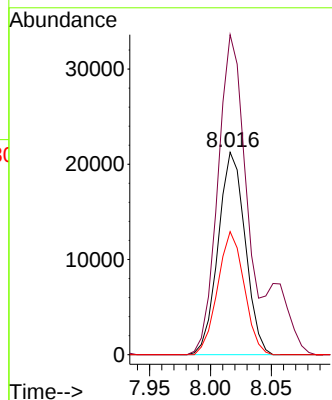
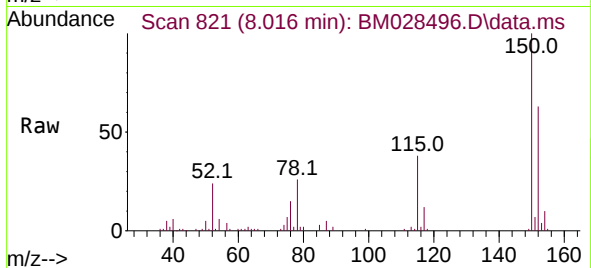




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.016 min Scan# 821  
Delta R.T. -0.018 min  
Lab File: BM028496.D  
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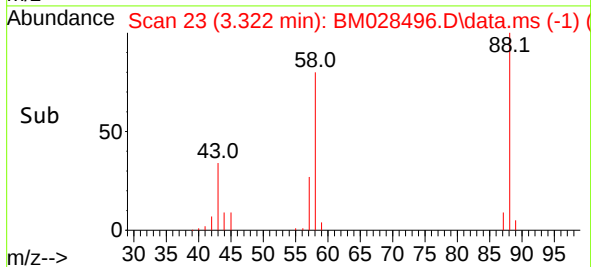
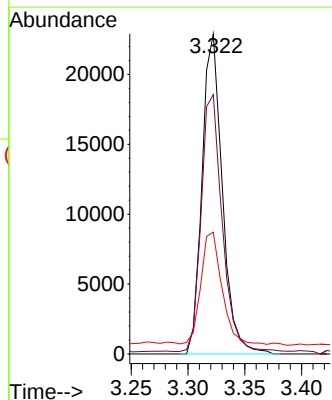
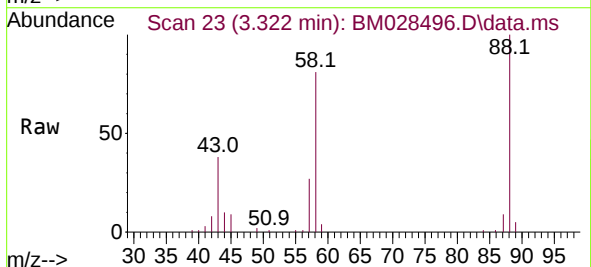
Instrument :  
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HS-TP3MSD

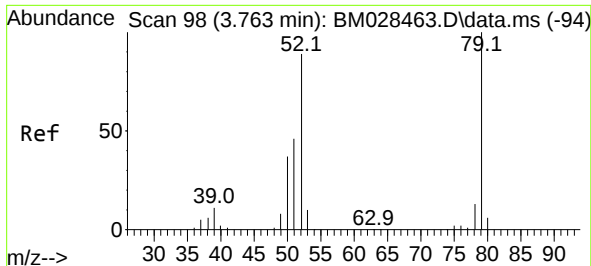
Tgt Ion:152 Resp: 32911  
Ion Ratio Lower Upper  
152 100  
150 158.1 120.6 181.0  
115 60.8 47.2 70.8



#2  
1,4-Dioxane  
Concen: 33.97 ng  
RT: 3.322 min Scan# 23  
Delta R.T. -0.006 min  
Lab File: BM028496.D  
Acq: 21 Jan 2021 19:54

Tgt Ion: 88 Resp: 28391  
Ion Ratio Lower Upper  
88 100  
58 83.1 46.2 69.2#  
43 37.8 19.0 28.6#

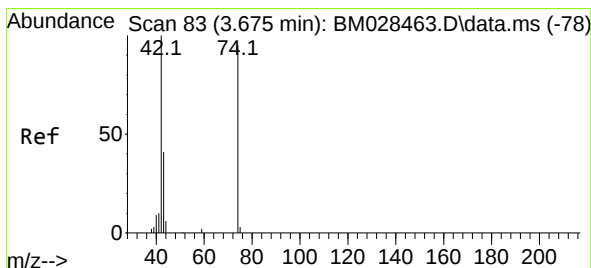
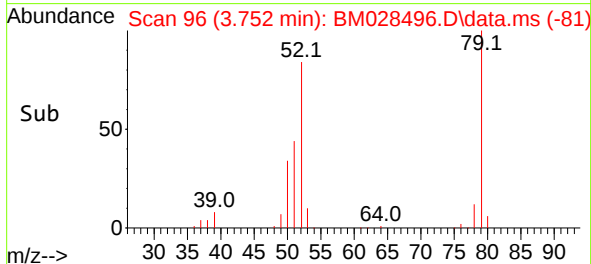
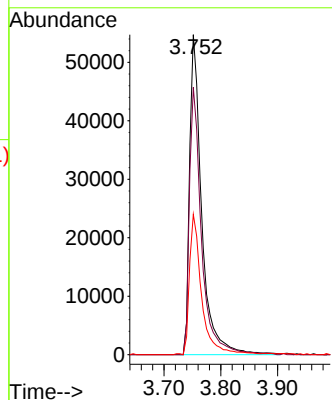
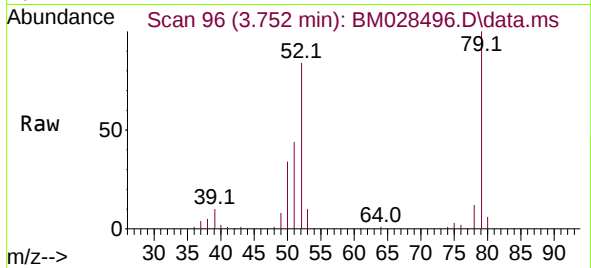




#3  
Pyridine  
Concen: 35.22 ng  
RT: 3.752 min Scan# 96  
Delta R.T. -0.012 min  
Lab File: BM028496.D  
Acq: 21 Jan 2021 19:54

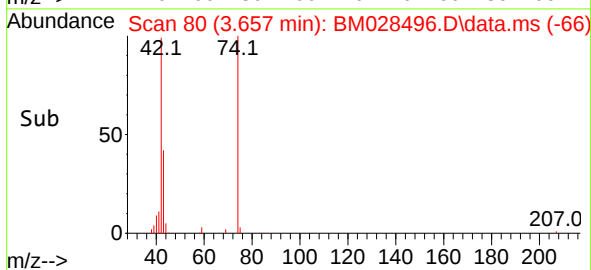
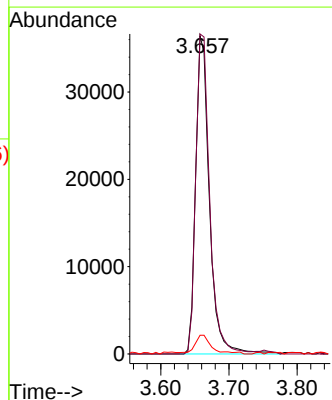
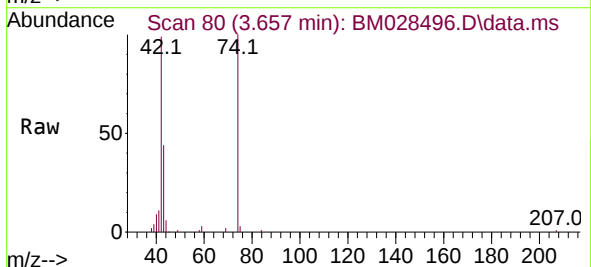
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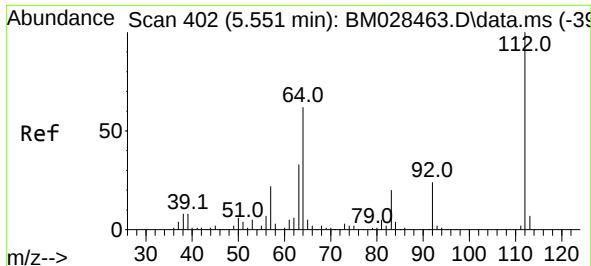
|             |             |
|-------------|-------------|
| Tgt Ion: 79 | Resp: 81494 |
| Ion Ratio   | Lower Upper |
| 79 100      |             |
| 52 83.6     | 35.8 53.8#  |
| 51 43.9     | 21.0 31.6#  |



#4  
n-Nitrosodimethylamine  
Concen: 38.18 ng  
RT: 3.657 min Scan# 80  
Delta R.T. -0.018 min  
Lab File: BM028496.D  
Acq: 21 Jan 2021 19:54

|             |              |
|-------------|--------------|
| Tgt Ion: 42 | Resp: 50808  |
| Ion Ratio   | Lower Upper  |
| 42 100      |              |
| 74 100.6    | 127.8 191.6# |
| 44 5.9      | 4.1 6.1      |

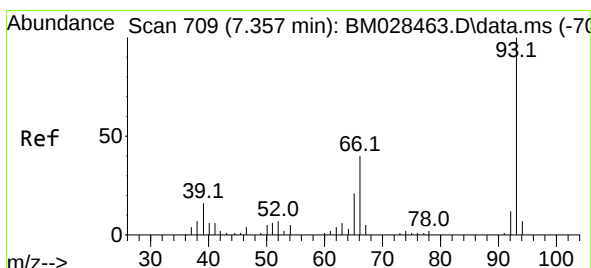
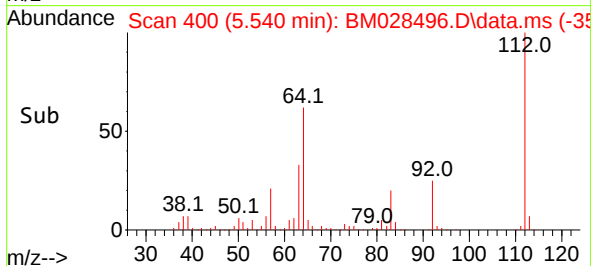
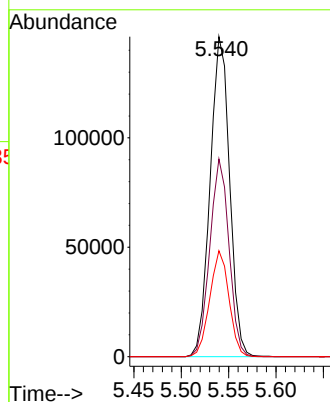
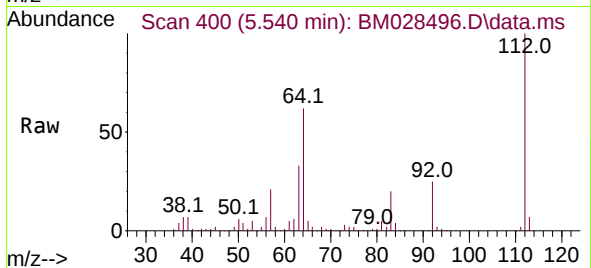




#5  
2-Fluorophenol  
Concen: 100.17 ng  
RT: 5.540 min Scan# 400  
Delta R.T. -0.012 min  
Lab File: BM028496.D  
Acq: 21 Jan 2021 19:54

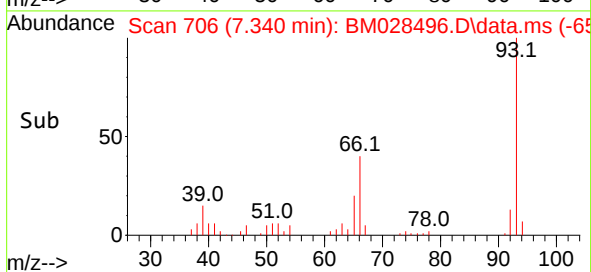
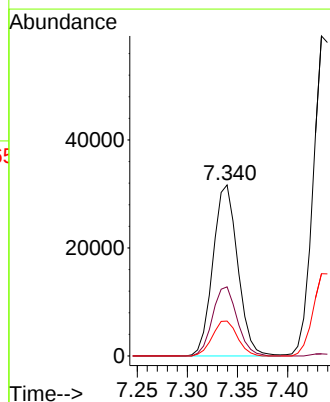
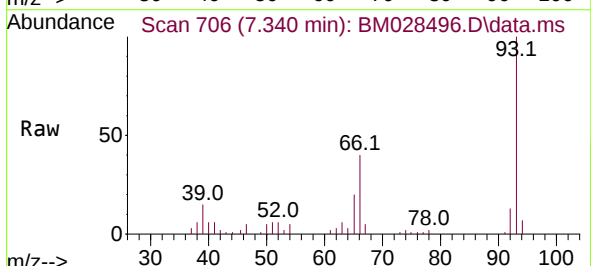
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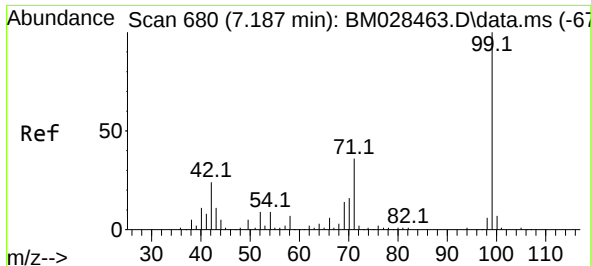
Tgt Ion:112 Resp: 208703  
Ion Ratio Lower Upper  
112 100  
64 61.8 50.6 76.0  
63 33.1 31.0 46.6



#6  
Aniline  
Concen: 17.64 ng  
RT: 7.340 min Scan# 706  
Delta R.T. -0.018 min  
Lab File: BM028496.D  
Acq: 21 Jan 2021 19:54

Tgt Ion: 93 Resp: 54234  
Ion Ratio Lower Upper  
93 100  
66 40.4 33.3 49.9  
65 20.4 17.4 26.0

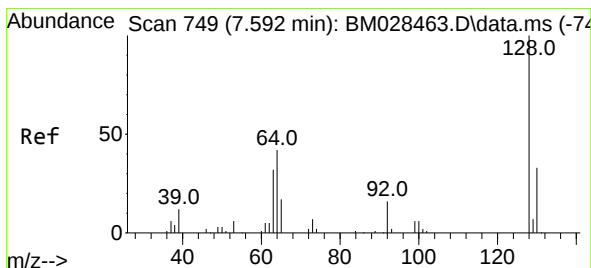
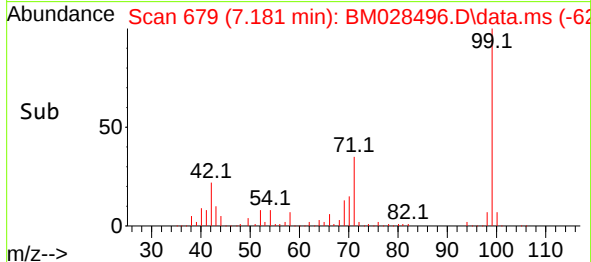
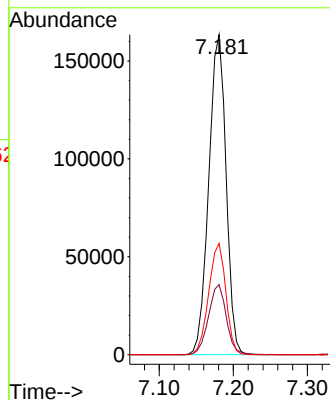
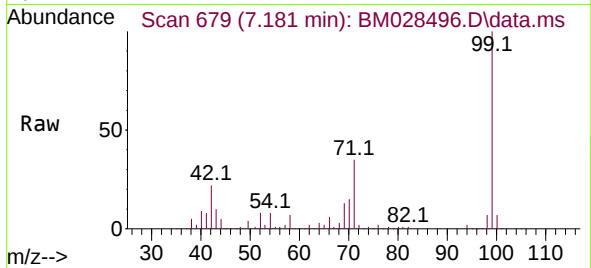




#7  
Phenol-d6  
Concen: 93.51 ng  
RT: 7.181 min Scan# 679  
Delta R.T. -0.006 min  
Lab File: BM028496.D  
Acq: 21 Jan 2021 19:54

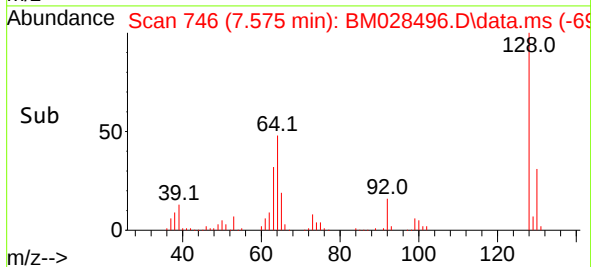
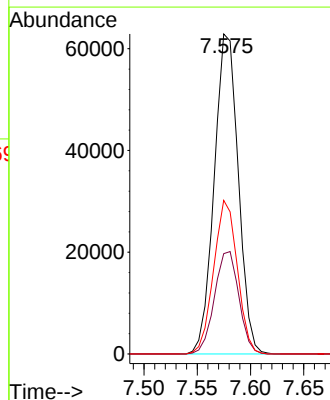
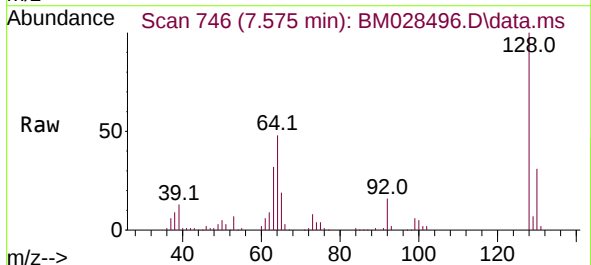
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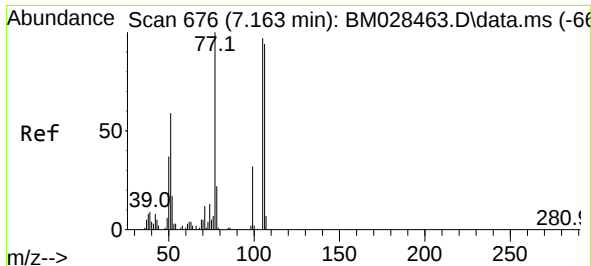
Tgt Ion: 99 Resp: 265265  
Ion Ratio Lower Upper  
99 100  
42 21.9 13.5 20.3#  
71 34.8 39.4 59.0#



#8  
2-Chlorophenol  
Concen: 42.69 ng  
RT: 7.575 min Scan# 746  
Delta R.T. -0.018 min  
Lab File: BM028496.D  
Acq: 21 Jan 2021 19:54

Tgt Ion: 128 Resp: 98886  
Ion Ratio Lower Upper  
128 100  
130 31.3 11.5 51.5  
64 48.0 30.1 70.1

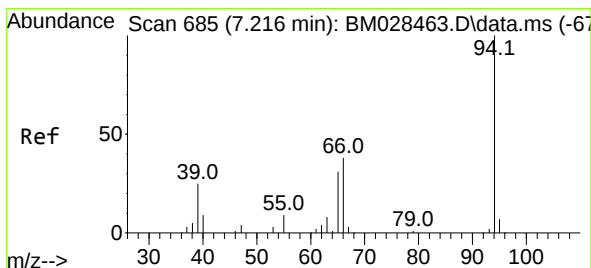
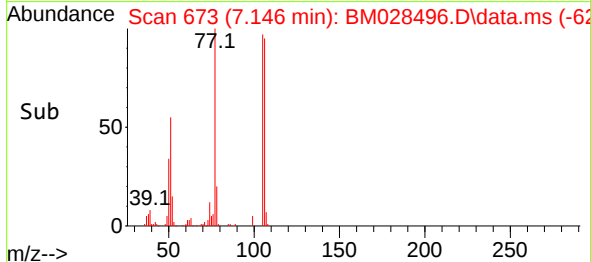
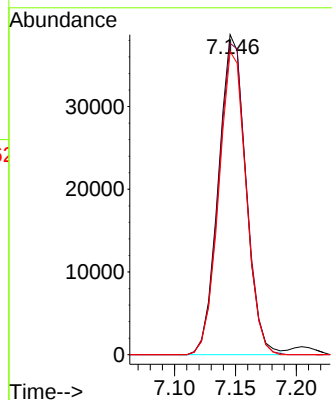
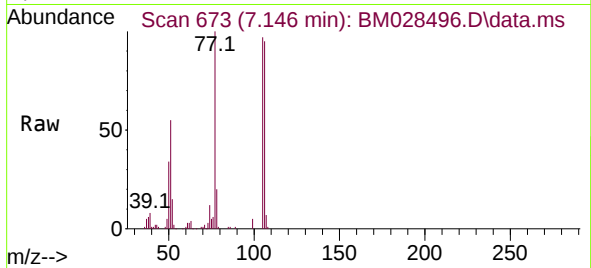




#9  
Benzaldehyde  
Concen: 40.96 ng  
RT: 7.146 min Scan# 673  
Delta R.T. -0.018 min  
Lab File: BM028496.D  
Acq: 21 Jan 2021 19:54

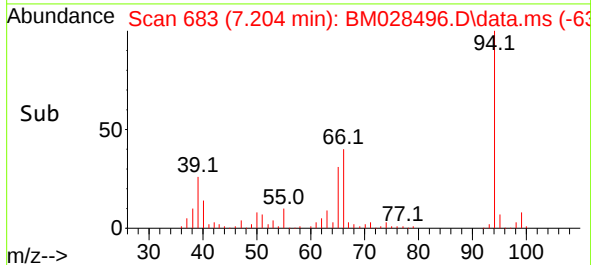
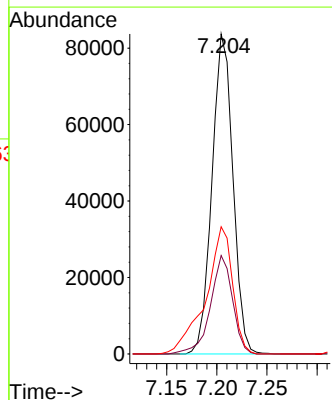
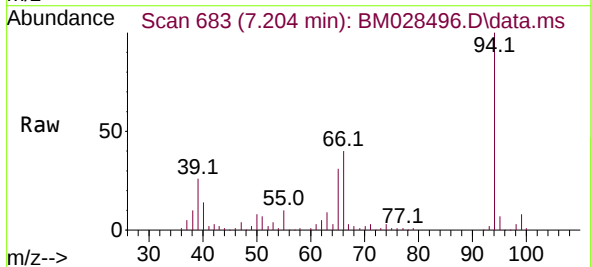
Instrument :  
BNA\_M  
ClientSampled :  
HS-TP3MSD

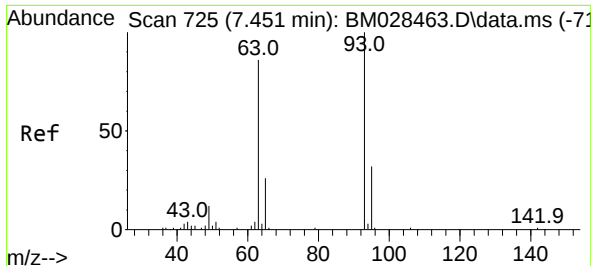
Tgt Ion: 77 Resp: 60460  
Ion Ratio Lower Upper  
77 100  
105 97.3 64.7 104.7  
106 94.7 57.5 97.5



#10  
Phenol  
Concen: 45.42 ng  
RT: 7.204 min Scan# 683  
Delta R.T. -0.012 min  
Lab File: BM028496.D  
Acq: 21 Jan 2021 19:54

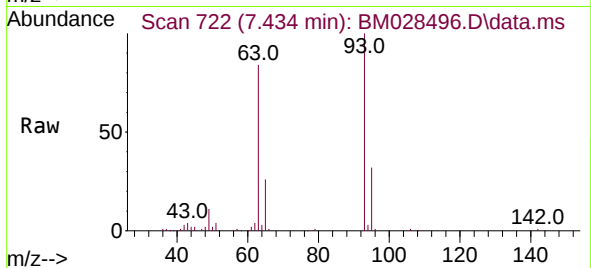
Tgt Ion: 94 Resp: 121425  
Ion Ratio Lower Upper  
94 100  
65 30.8 16.4 56.4  
66 39.8 30.2 70.2



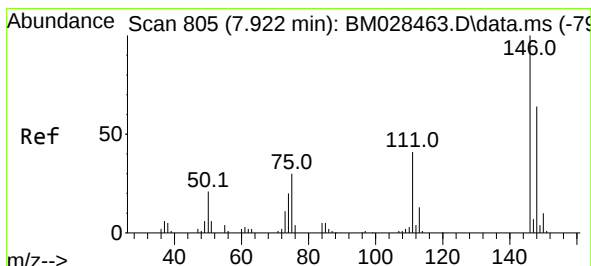
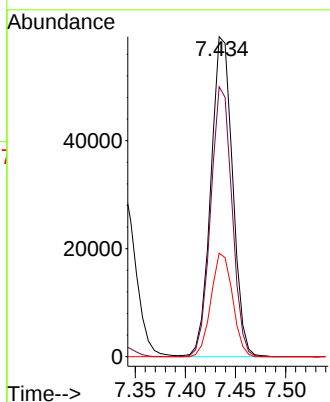
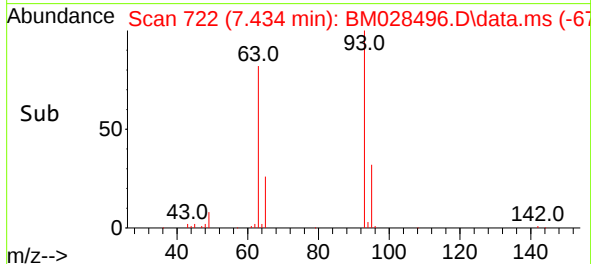


#11  
bis(2-Chloroethyl)ether  
Concen: 41.48 ng  
RT: 7.434 min Scan# 722  
Delta R.T. -0.018 min  
Lab File: BM028496.D  
Acq: 21 Jan 2021 19:54

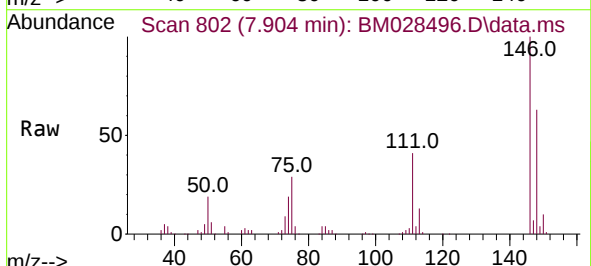
Instrument :  
BNA\_M  
ClientSampled :  
HS-TP3MSD



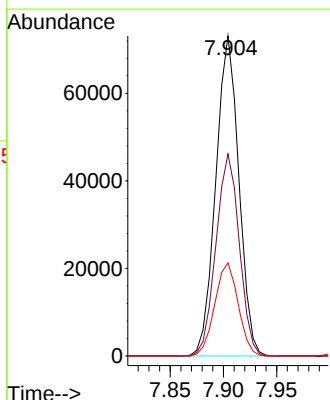
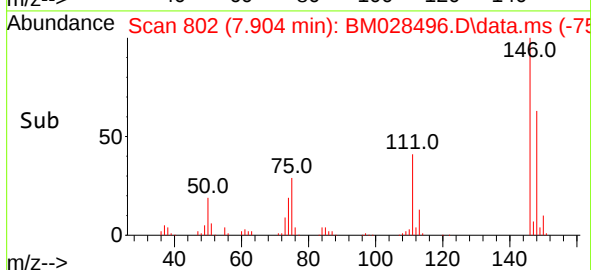
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 89424 |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 84.4  | 53.1  | 93.1  |
| 95       | 32.3  | 12.1  | 52.1  |

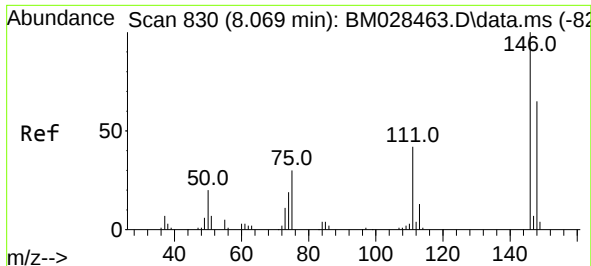


#12  
1,3-Dichlorobenzene  
Concen: 40.23 ng  
RT: 7.904 min Scan# 802  
Delta R.T. -0.018 min  
Lab File: BM028496.D  
Acq: 21 Jan 2021 19:54



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 109987 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 148      | 63.1  | 51.6  | 77.4   |
| 75       | 29.1  | 33.0  | 49.6#  |

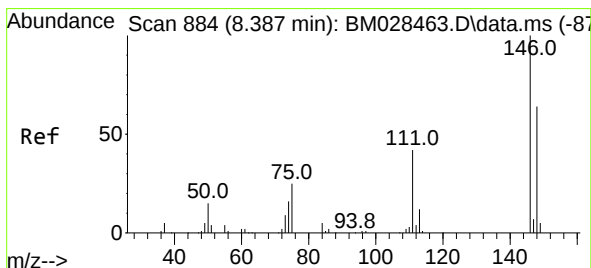
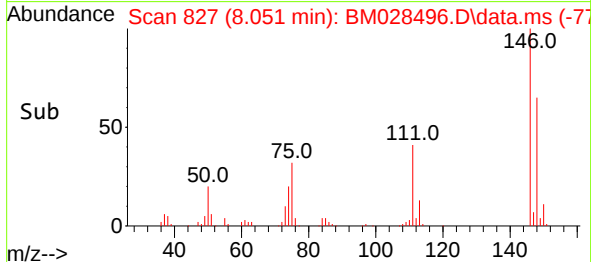
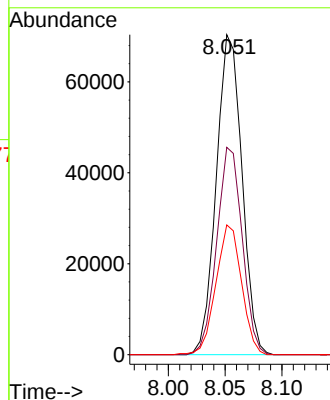
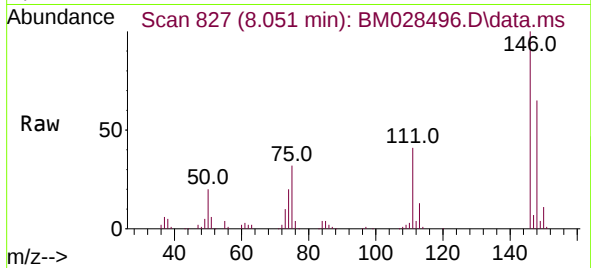




#13  
1,4-Dichlorobenzene  
Concen: 40.15 ng  
RT: 8.051 min Scan# 827  
Delta R.T. -0.018 min  
Lab File: BM028496.D  
Acq: 21 Jan 2021 19:54

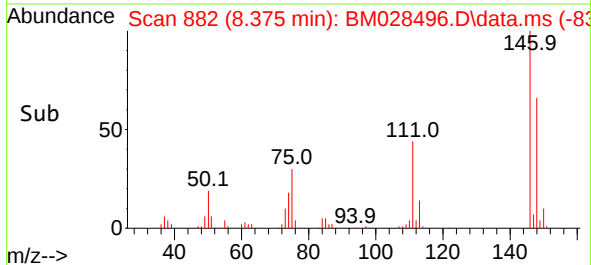
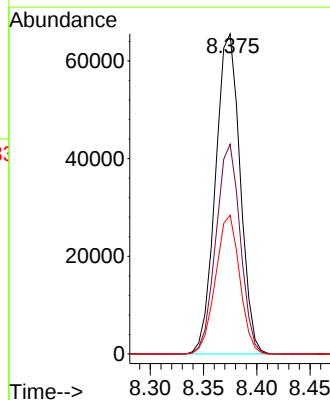
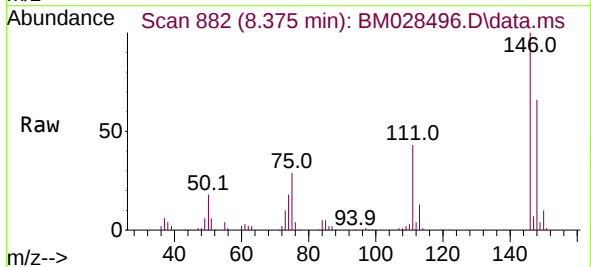
Instrument :  
BNA\_M  
ClientSampled :  
HS-TP3MSD

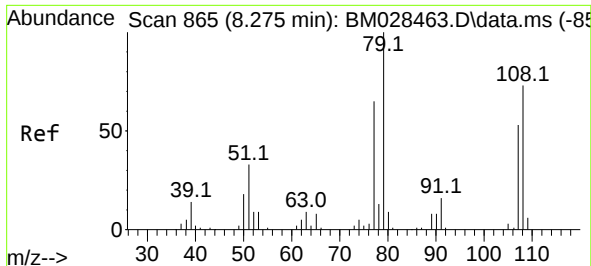
Tgt Ion:146 Resp: 110983  
Ion Ratio Lower Upper  
146 100  
148 64.8 51.4 77.0  
111 40.6 34.4 51.6



#14  
1,2-Dichlorobenzene  
Concen: 39.71 ng  
RT: 8.375 min Scan# 882  
Delta R.T. -0.012 min  
Lab File: BM028496.D  
Acq: 21 Jan 2021 19:54

Tgt Ion:146 Resp: 105312  
Ion Ratio Lower Upper  
146 100  
148 65.6 51.3 76.9  
111 43.4 35.4 53.0

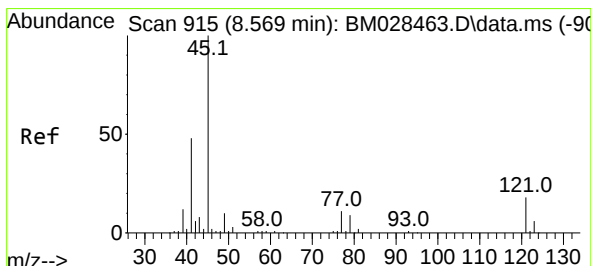
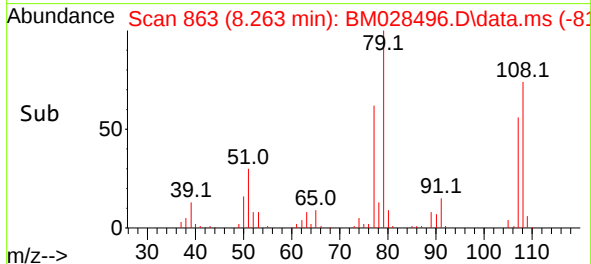
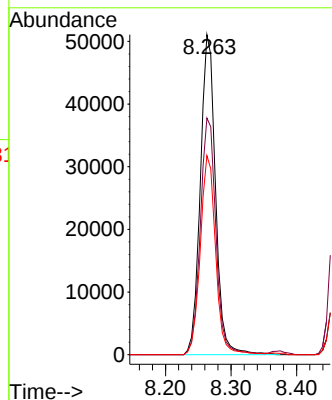
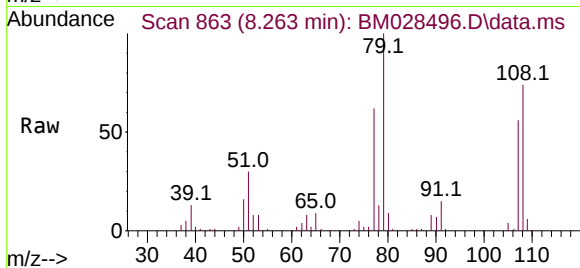




#15  
Benzyl Alcohol  
Concen: 41.78 ng  
RT: 8.263 min Scan# 863  
Delta R.T. -0.012 min  
Lab File: BM028496.D  
Acq: 21 Jan 2021 19:54

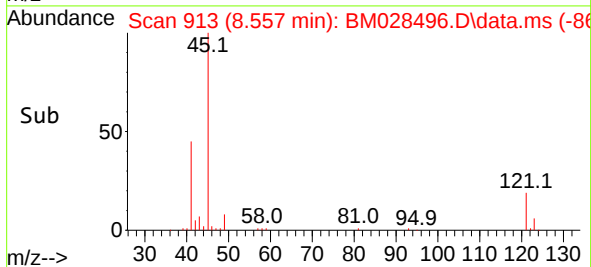
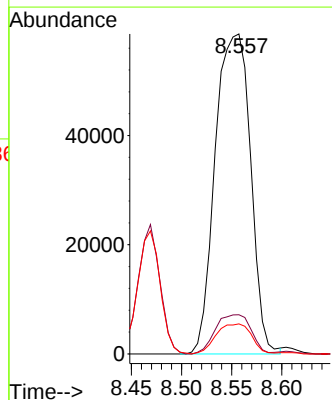
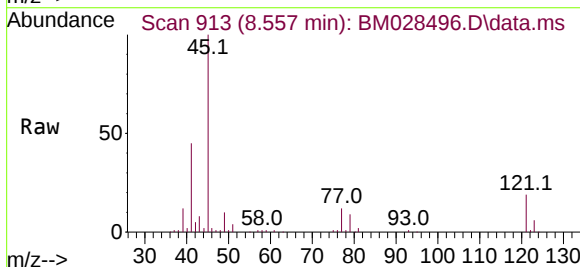
Instrument :  
BNA\_M  
ClientSampleId :  
HS-TP3MSD

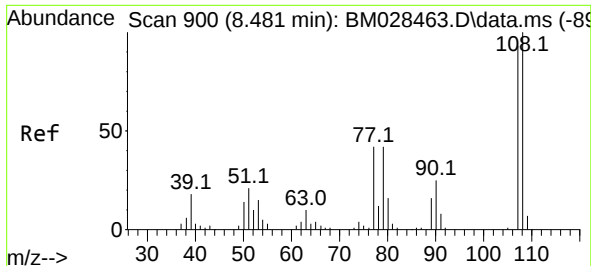
Tgt Ion: 79 Resp: 82573  
Ion Ratio Lower Upper  
79 100  
108 74.0 49.0 73.4#  
77 62.2 55.2 82.8



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 36.92 ng  
RT: 8.557 min Scan# 913  
Delta R.T. -0.012 min  
Lab File: BM028496.D  
Acq: 21 Jan 2021 19:54

Tgt Ion: 45 Resp: 143660  
Ion Ratio Lower Upper  
45 100  
77 12.3 9.5 49.5  
79 9.4 1.8 41.8

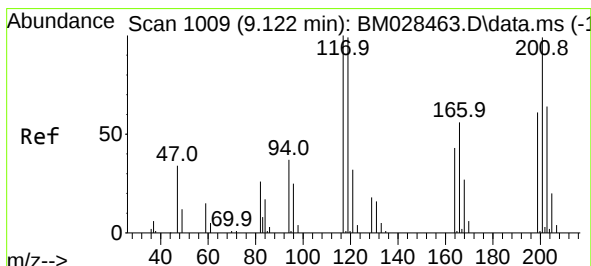
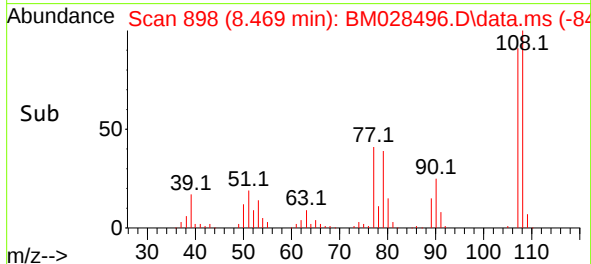
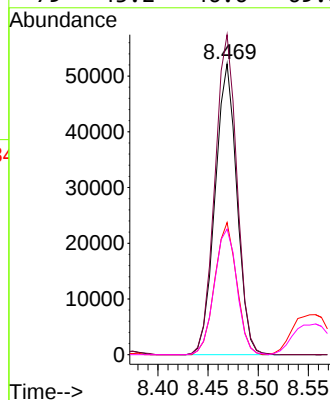
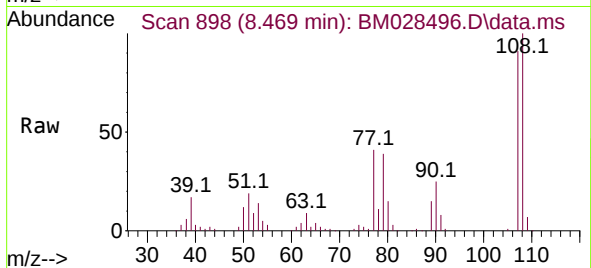




#17  
2-Methylphenol  
Concen: 42.76 ng  
RT: 8.469 min Scan# 898  
Delta R.T. -0.012 min  
Lab File: BM028496.D  
Acq: 21 Jan 2021 19:54

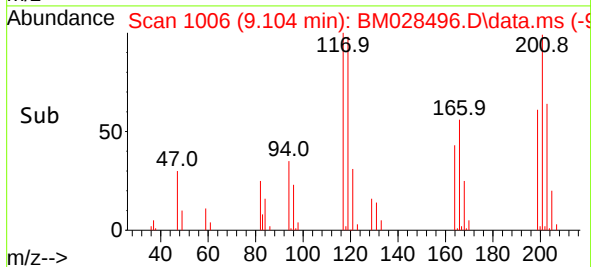
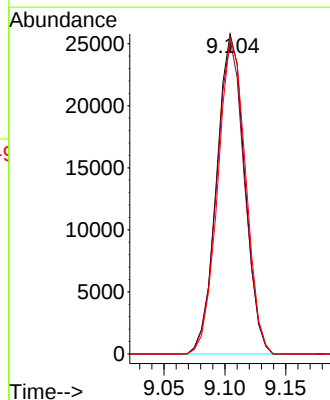
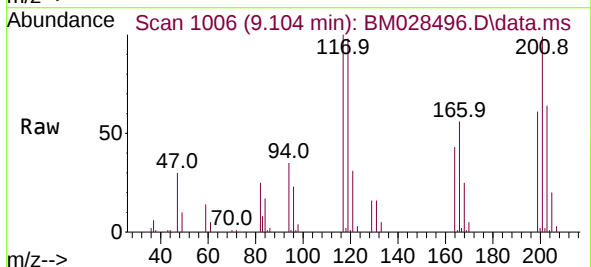
Instrument :  
BNA\_M  
ClientSampleId :  
HS-TP3MSD

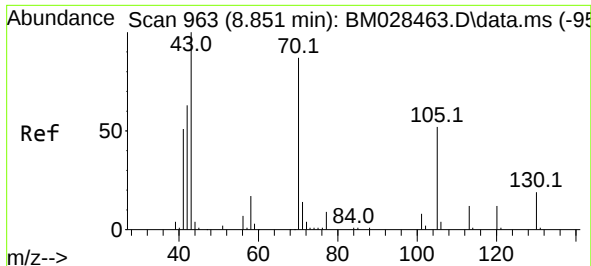
Tgt Ion:107 Resp: 79156  
Ion Ratio Lower Upper  
107 100  
108 110.0 87.8 131.6  
77 45.4 50.9 76.3#  
79 43.2 46.6 69.8#



#18  
Hexachloroethane  
Concen: 39.59 ng  
RT: 9.104 min Scan# 1006  
Delta R.T. -0.018 min  
Lab File: BM028496.D  
Acq: 21 Jan 2021 19:54

Tgt Ion:117 Resp: 41193  
Ion Ratio Lower Upper  
117 100  
119 98.4 73.1 109.7  
201 98.8 88.7 133.1



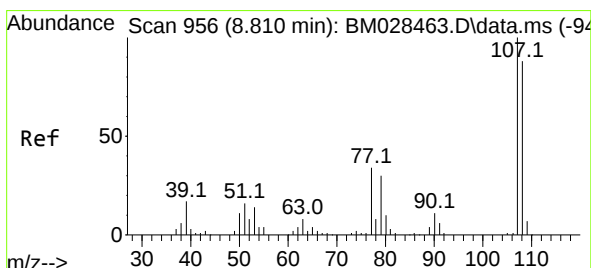
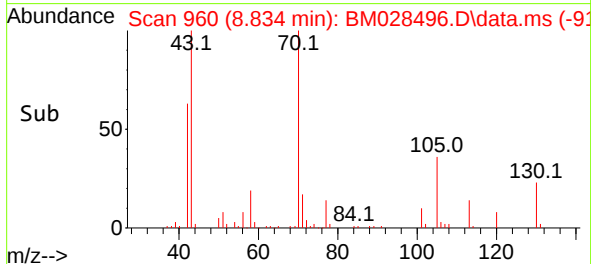
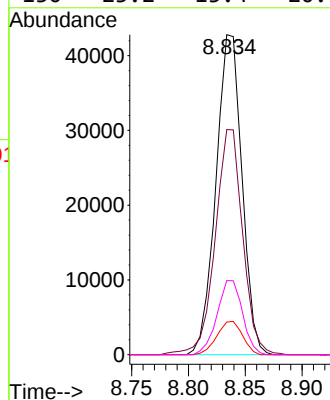
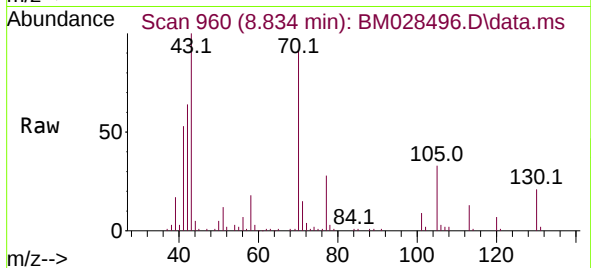


#19

n-Nitroso-di-n-propylamine  
Concen: 40.47 ng  
RT: 8.834 min Scan# 960  
Delta R.T. -0.018 min  
Lab File: BM028496.D  
Acq: 21 Jan 2021 19:54

Instrument :  
BNA\_M  
ClientSampled :  
HS-TP3MSD

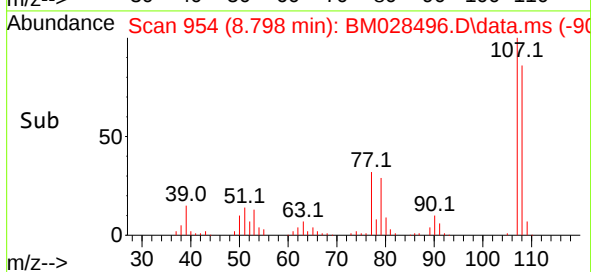
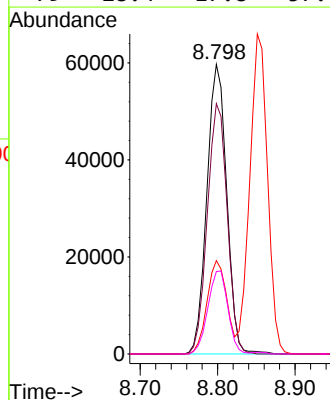
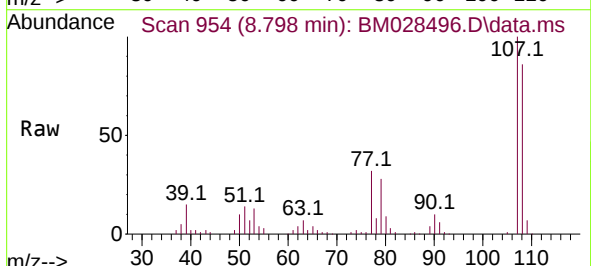
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 68358 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 70.4  | 31.9  | 47.9# |
| 101      | 10.2  | 7.0   | 10.4  |
| 130      | 23.2  | 13.4  | 20.0# |

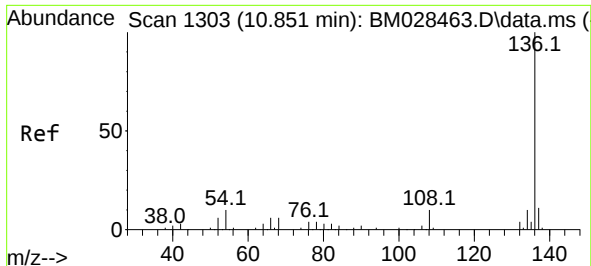


#20

3+4-Methylphenols  
Concen: 42.77 ng  
RT: 8.798 min Scan# 954  
Delta R.T. -0.012 min  
Lab File: BM028496.D  
Acq: 21 Jan 2021 19:54

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 106200 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 86.4  | 64.5  | 104.5  |
| 77       | 32.2  | 24.2  | 64.2   |
| 79       | 28.4  | 17.8  | 57.8   |

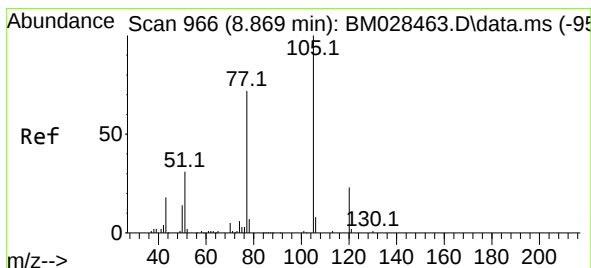
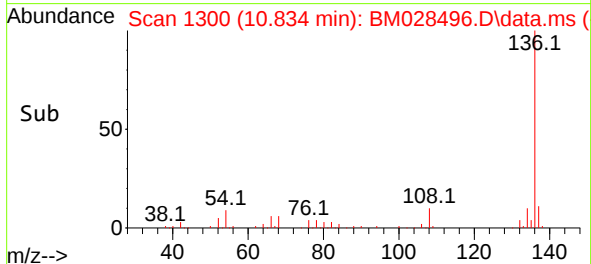
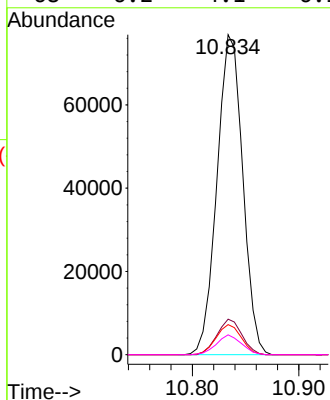
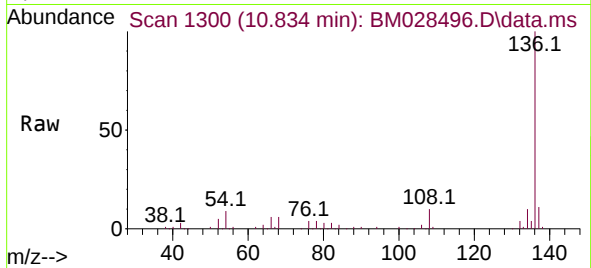




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.834 min Scan# 1300  
Delta R.T. -0.018 min  
Lab File: BM028496.D  
Acq: 21 Jan 2021 19:54

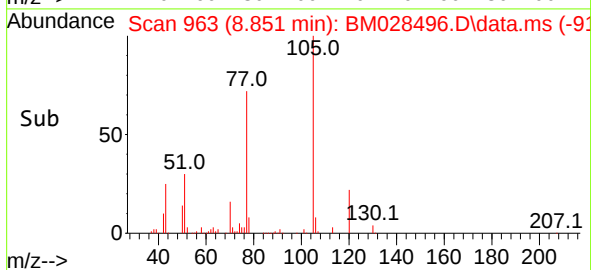
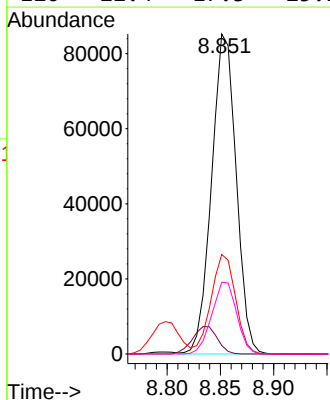
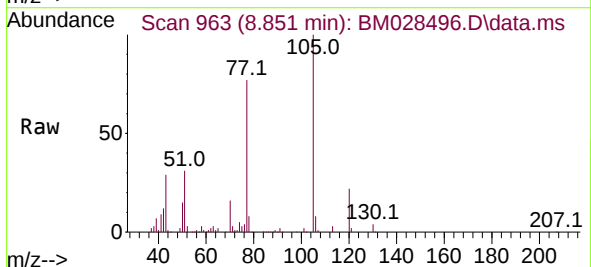
Instrument :  
BNA\_M  
ClientSampled :  
HS-TP3MSD

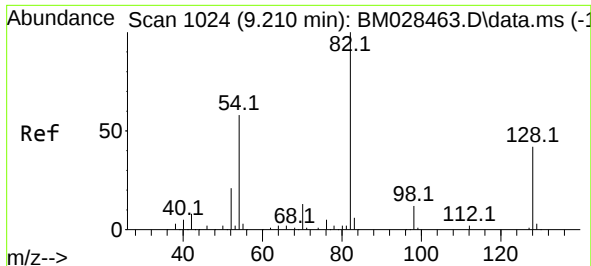
Tgt Ion:136 Resp: 128853  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.6 12.8  
54 9.4 4.6 7.0#  
68 6.2 4.1 6.1#



#22  
Acetophenone  
Concen: 40.96 ng  
RT: 8.851 min Scan# 963  
Delta R.T. -0.018 min  
Lab File: BM028496.D  
Acq: 21 Jan 2021 19:54

Tgt Ion:105 Resp: 136842  
Ion Ratio Lower Upper  
105 100  
71 2.6 7.6 11.4#  
51 31.1 18.6 28.0#  
120 22.4 17.3 25.9

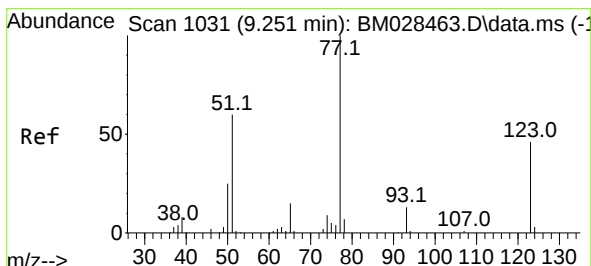
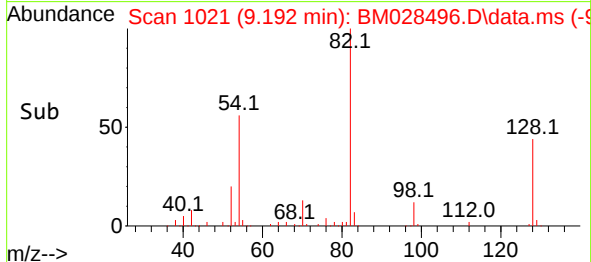
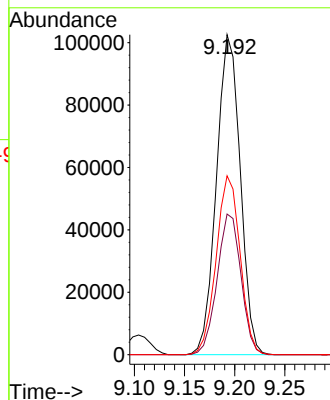
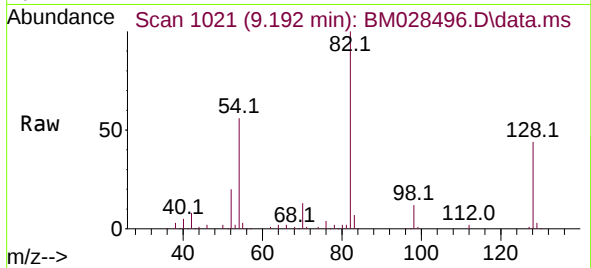




#23  
Nitrobenzene-d5  
Concen: 62.26 ng  
RT: 9.192 min Scan# 1021  
Delta R.T. -0.018 min  
Lab File: BM028496.D  
Acq: 21 Jan 2021 19:54

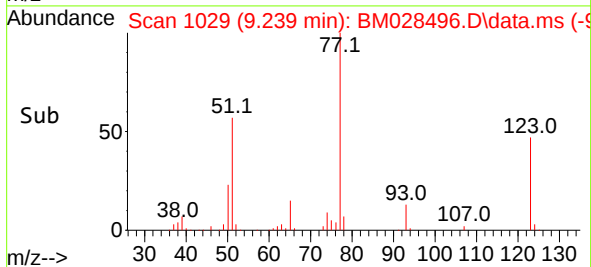
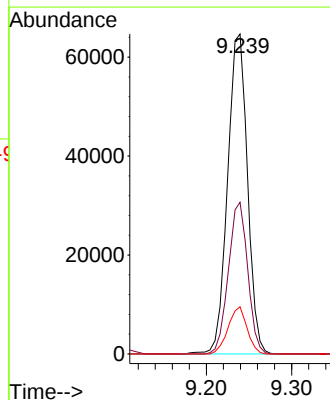
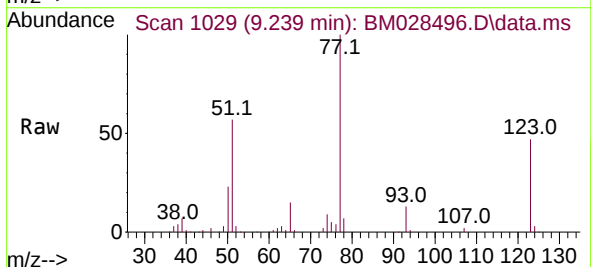
Instrument :  
BNA\_M  
ClientSampleId :  
HS-TP3MSD

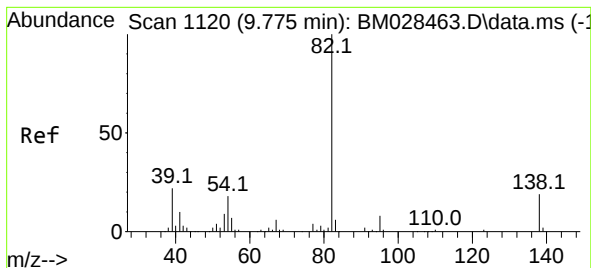
Tgt Ion: 82 Resp: 169156  
Ion Ratio Lower Upper  
82 100  
128 43.9 27.4 41.0#  
54 55.9 31.4 47.0#



#24  
Nitrobenzene  
Concen: 39.92 ng  
RT: 9.239 min Scan# 1029  
Delta R.T. -0.012 min  
Lab File: BM028496.D  
Acq: 21 Jan 2021 19:54

Tgt Ion: 77 Resp: 104693  
Ion Ratio Lower Upper  
77 100  
123 47.4 29.1 43.7#  
65 14.8 11.3 16.9





#25

Isophorone

Concen: 43.13 ng

RT: 9.763 min Scan# 1118

Delta R.T. -0.012 min

Lab File: BM028496.D

Acq: 21 Jan 2021 19:54

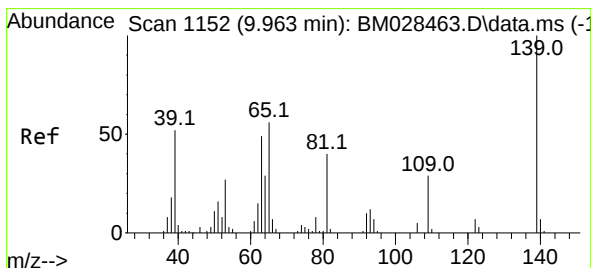
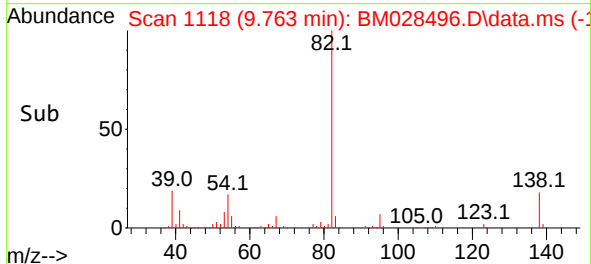
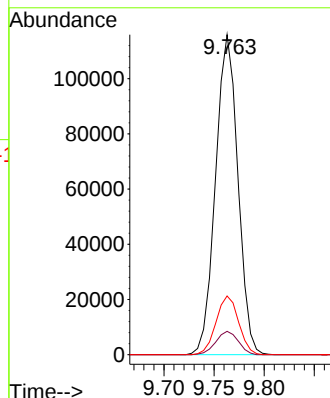
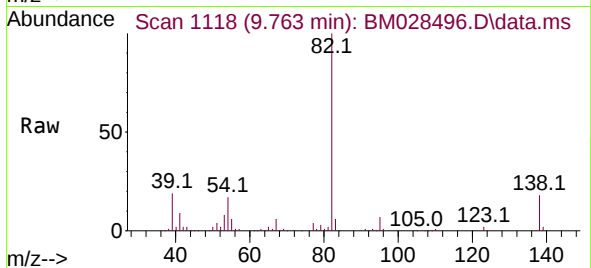
|             |                |
|-------------|----------------|
| Tgt Ion: 82 | Resp: 179518   |
| Ion Ratio   | Lower Upper    |
| 82          | 100            |
| 95          | 7.3 6.8 10.2   |
| 138         | 18.4 13.1 19.7 |

Instrument :

BNA\_M

ClientSampleId :

HS-TP3MSD



#26

2-Nitrophenol

Concen: 44.44 ng

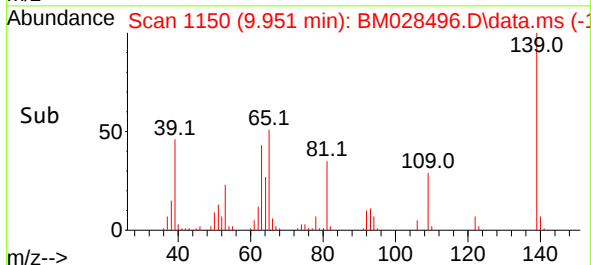
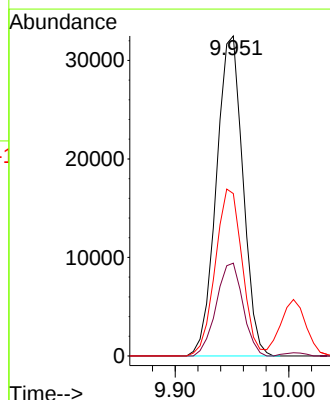
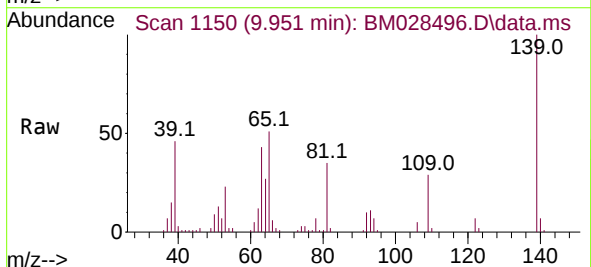
RT: 9.951 min Scan# 1150

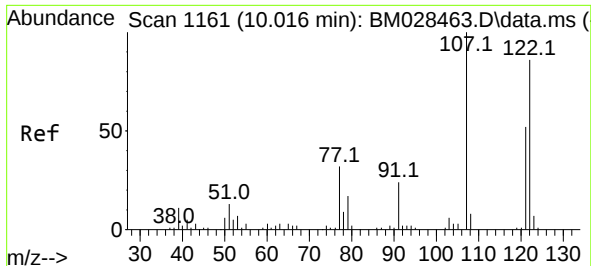
Delta R.T. -0.012 min

Lab File: BM028496.D

Acq: 21 Jan 2021 19:54

|              |                 |
|--------------|-----------------|
| Tgt Ion: 139 | Resp: 52744     |
| Ion Ratio    | Lower Upper     |
| 139          | 100             |
| 109          | 29.0 33.8 50.8# |
| 65           | 50.8 51.0 76.6# |

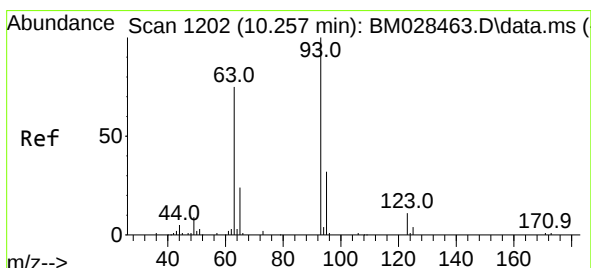
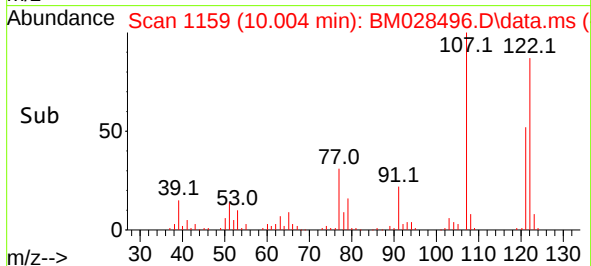
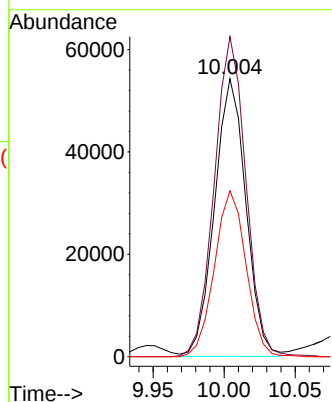
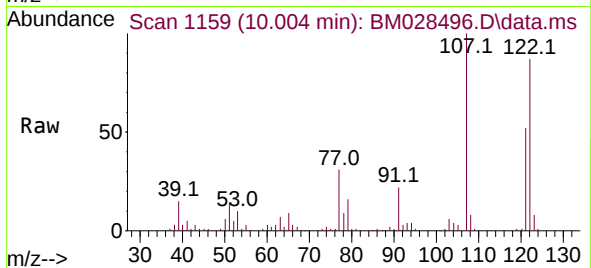




#27  
2,4-Dimethylphenol  
Concen: 48.27 ng  
RT: 10.004 min Scan# 1159  
Delta R.T. -0.012 min  
Lab File: BM028496.D  
Acq: 21 Jan 2021 19:54

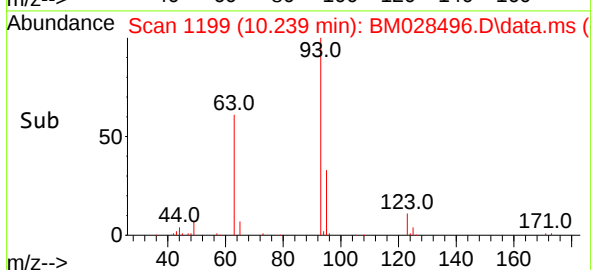
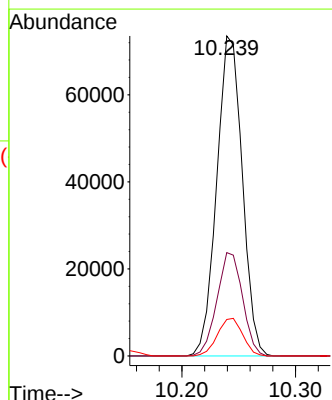
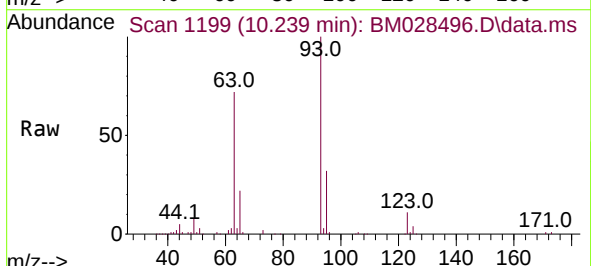
Instrument :  
BNA\_M  
ClientSampled :  
HS-TP3MSD

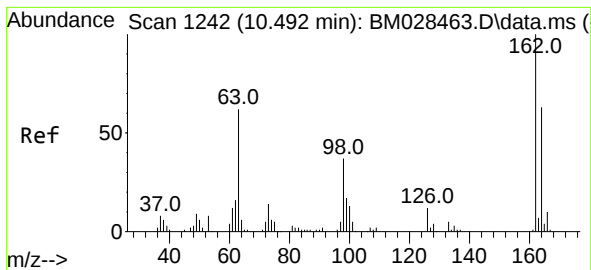
Tgt Ion:122 Resp: 83295  
Ion Ratio Lower Upper  
122 100  
107 115.1 106.6 159.8  
121 59.7 48.8 73.2



#28  
bis(2-Chloroethoxy)methane  
Concen: 39.11 ng  
RT: 10.239 min Scan# 1199  
Delta R.T. -0.018 min  
Lab File: BM028496.D  
Acq: 21 Jan 2021 19:54

Tgt Ion: 93 Resp: 114909  
Ion Ratio Lower Upper  
93 100  
95 32.3 26.5 39.7  
123 11.4 8.6 12.8

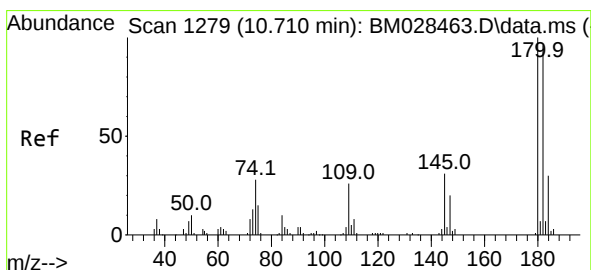
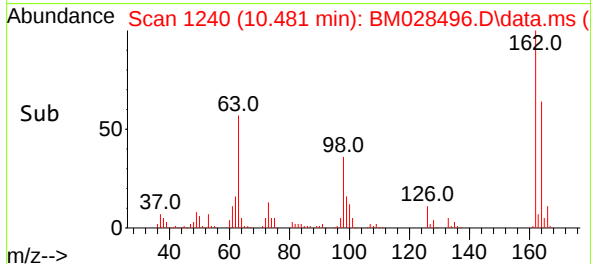
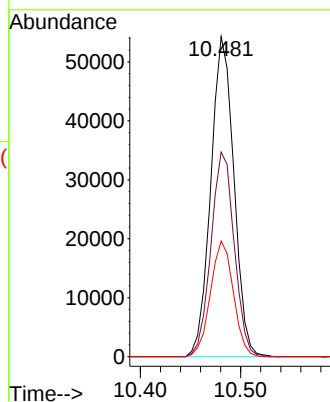
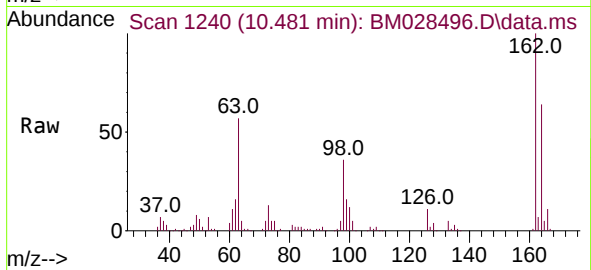




#29  
2,4-Dichlorophenol  
Concen: 42.21 ng  
RT: 10.481 min Scan# 1240  
Delta R.T. -0.012 min  
Lab File: BM028496.D  
Acq: 21 Jan 2021 19:54

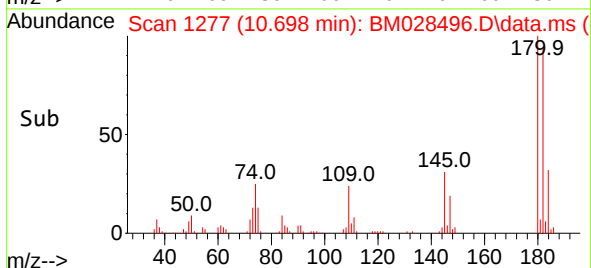
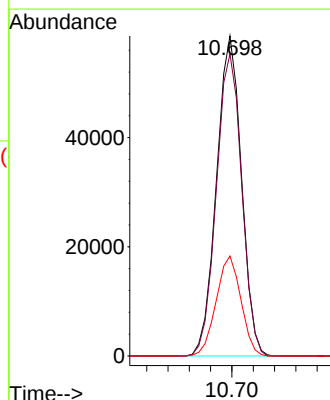
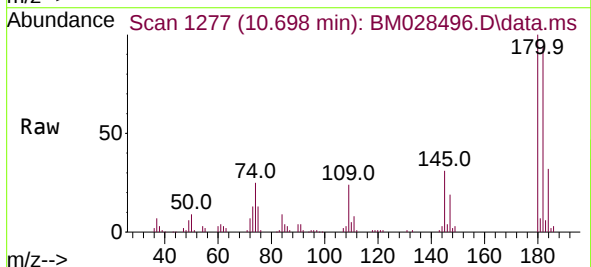
Instrument :  
BNA\_M  
ClientSampled :  
HS-TP3MSD

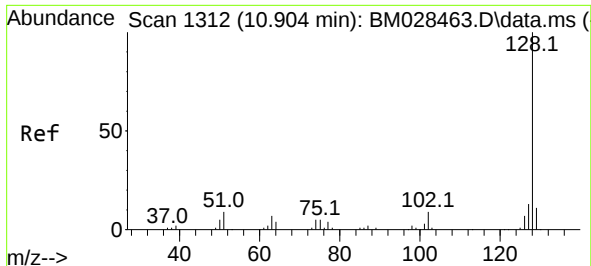
Tgt Ion:162 Resp: 86916  
Ion Ratio Lower Upper  
162 100  
164 64.0 43.2 83.2  
98 36.1 15.7 55.7



#30  
1,2,4-Trichlorobenzene  
Concen: 38.92 ng  
RT: 10.698 min Scan# 1277  
Delta R.T. -0.012 min  
Lab File: BM028496.D  
Acq: 21 Jan 2021 19:54

Tgt Ion:180 Resp: 95185  
Ion Ratio Lower Upper  
180 100  
182 94.4 77.7 116.5  
145 31.2 23.4 35.0

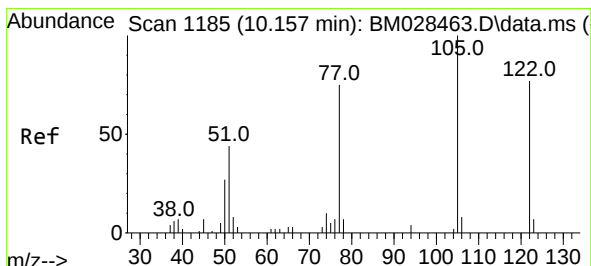
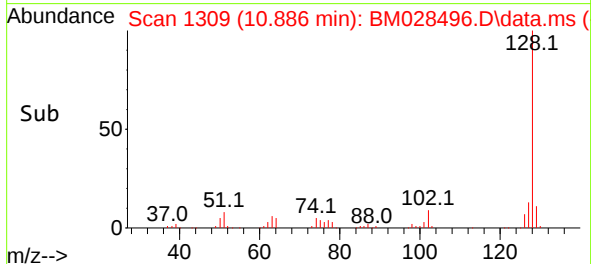
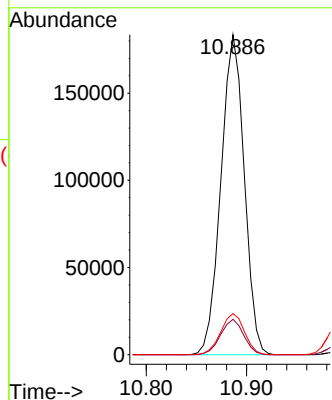
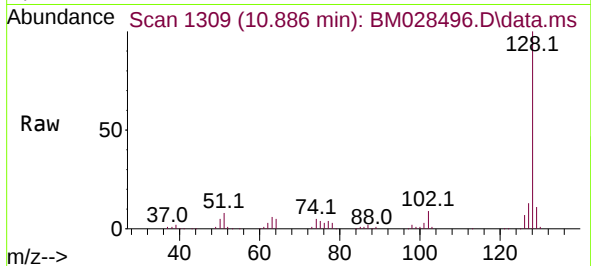




#31  
Naphthalene  
Concen: 40.62 ng  
RT: 10.886 min Scan# 1309  
Delta R.T. -0.018 min  
Lab File: BM028496.D  
Acq: 21 Jan 2021 19:54

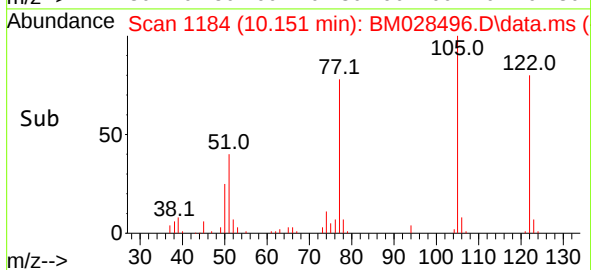
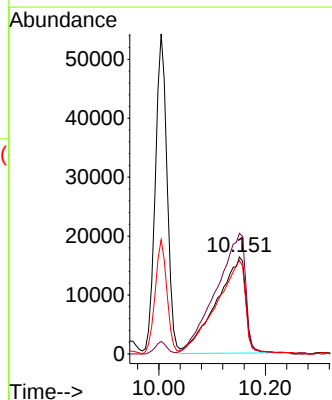
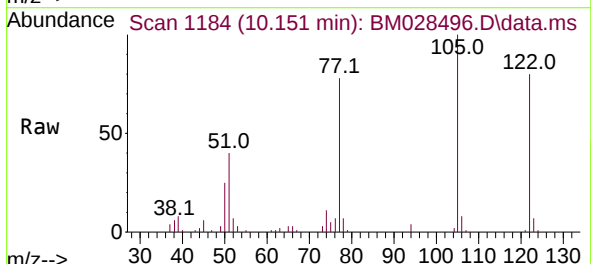
Instrument :  
BNA\_M  
ClientSampled :  
HS-TP3MSD

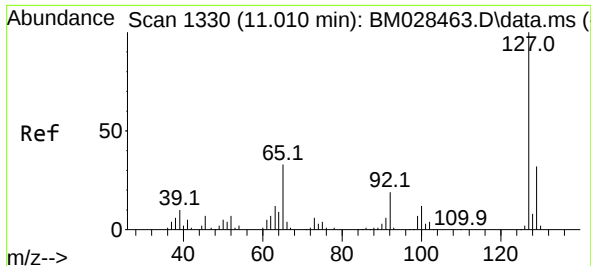
Tgt Ion:128 Resp: 295743  
Ion Ratio Lower Upper  
128 100  
129 11.1 9.0 13.4  
127 12.8 10.6 15.8



#32  
Benzoic acid  
Concen: 40.31 ng  
RT: 10.151 min Scan# 1184  
Delta R.T. -0.006 min  
Lab File: BM028496.D  
Acq: 21 Jan 2021 19:54

Tgt Ion:122 Resp: 62602  
Ion Ratio Lower Upper  
122 100  
105 124.5 114.0 154.0  
77 96.5 101.8 141.8#

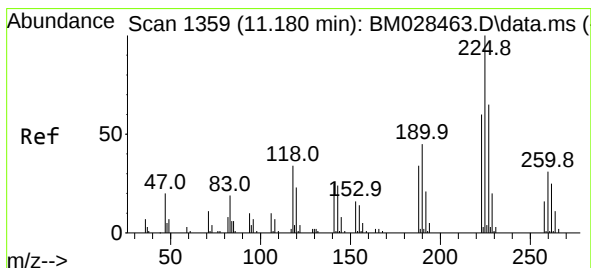
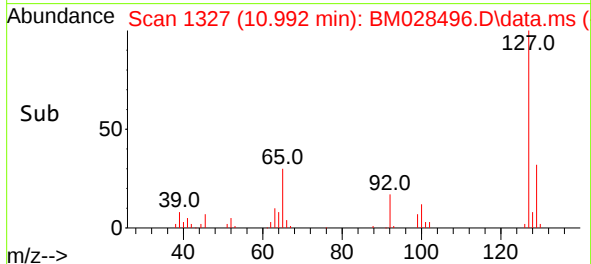
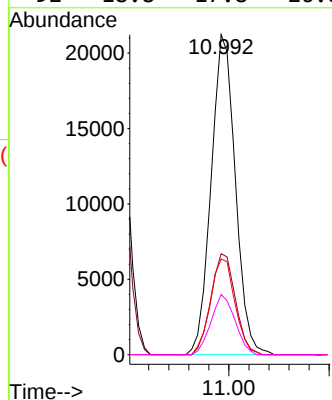
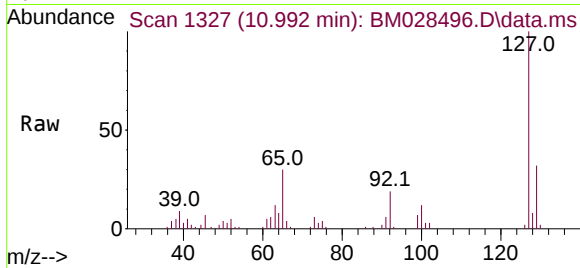




#33  
4-Chloroaniline  
Concen: 11.77 ng  
RT: 10.992 min Scan# 1327  
Delta R.T. -0.018 min  
Lab File: BM028496.D  
Acq: 21 Jan 2021 19:54

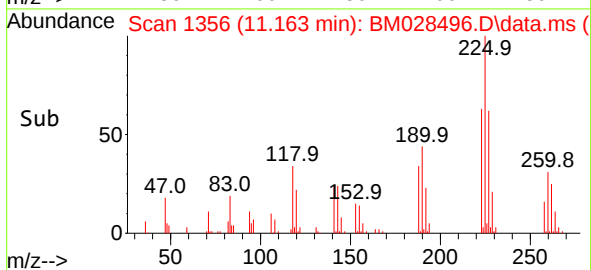
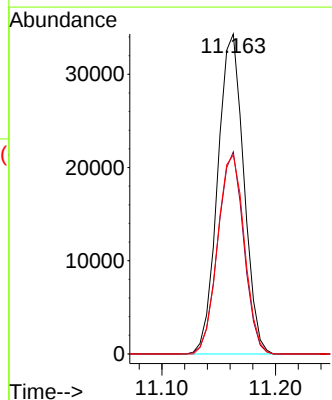
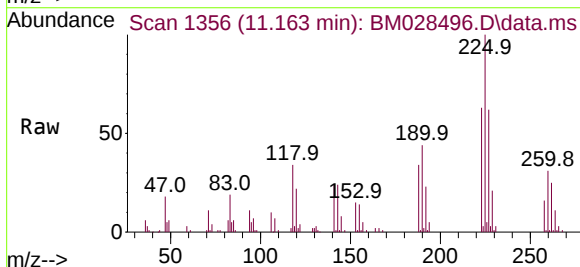
Instrument :  
BNA\_M  
ClientSampled :  
HS-TP3MSD

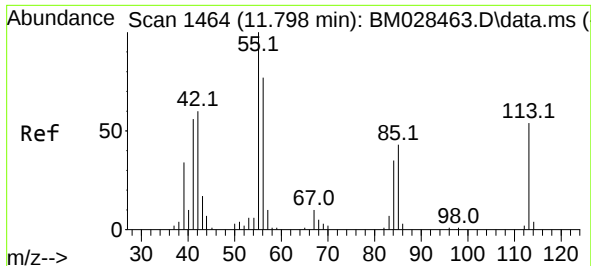
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 35596 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 31.6  | 24.7  | 37.1  |
| 65       | 29.9  | 30.2  | 45.4# |
| 92       | 18.8  | 17.8  | 26.8  |



#34  
Hexachlorobutadiene  
Concen: 37.47 ng  
RT: 11.163 min Scan# 1356  
Delta R.T. -0.018 min  
Lab File: BM028496.D  
Acq: 21 Jan 2021 19:54

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 54684 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 63.2  | 51.0  | 76.4  |
| 227      | 62.2  | 50.6  | 75.8  |

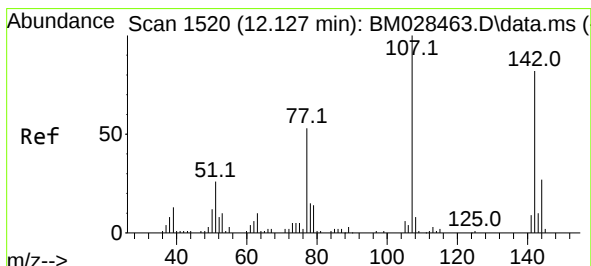
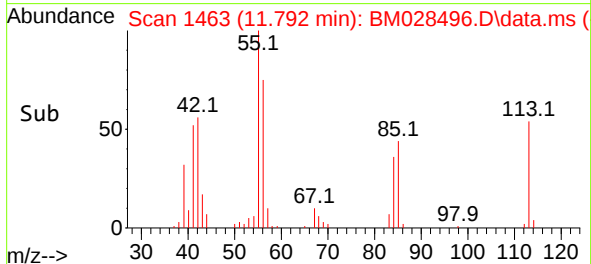
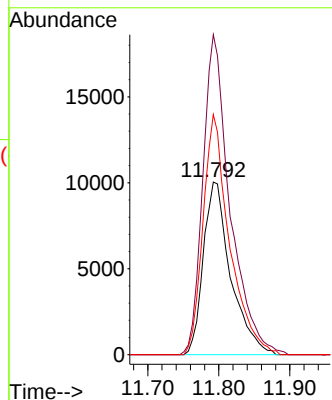
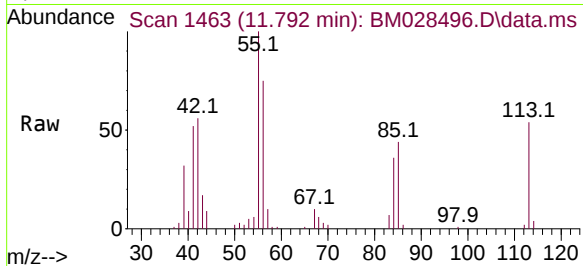




#35  
Caprolactam  
Concen: 40.35 ng  
RT: 11.792 min Scan# 1463  
Delta R.T. -0.006 min  
Lab File: BM028496.D  
Acq: 21 Jan 2021 19:54

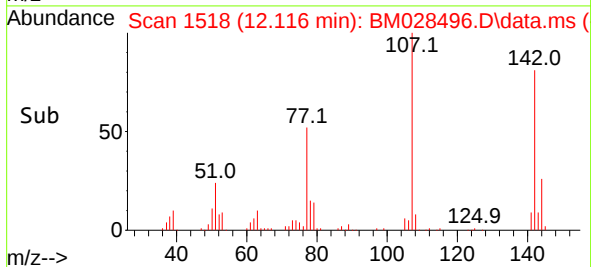
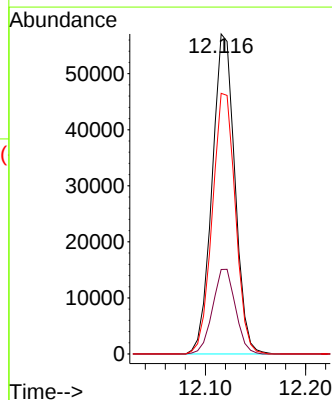
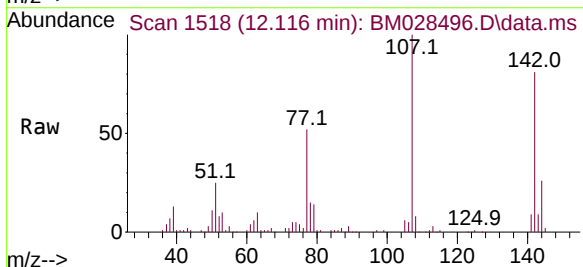
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ClientSampled :  
HS-TP3MSD

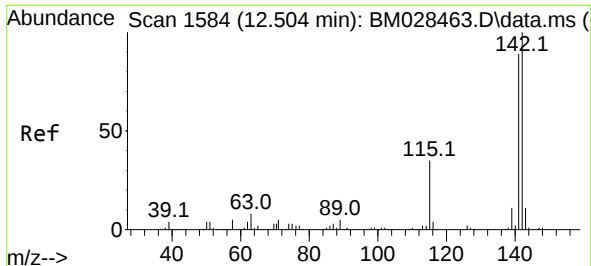
Tgt Ion:113 Resp: 26889  
Ion Ratio Lower Upper  
113 100  
55 185.4 103.2 143.2#  
56 139.1 84.2 124.2#



#36  
4-Chloro-3-methylphenol  
Concen: 42.04 ng  
RT: 12.116 min Scan# 1518  
Delta R.T. -0.012 min  
Lab File: BM028496.D  
Acq: 21 Jan 2021 19:54

Tgt Ion:107 Resp: 90015  
Ion Ratio Lower Upper  
107 100  
144 26.4 20.1 30.1  
142 81.5 60.3 90.5

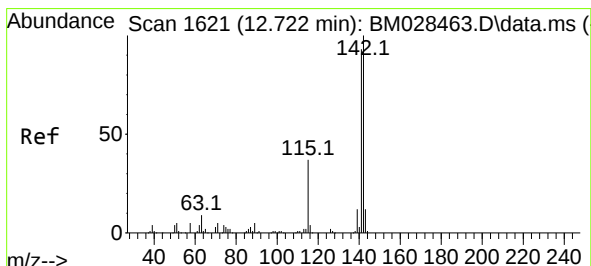
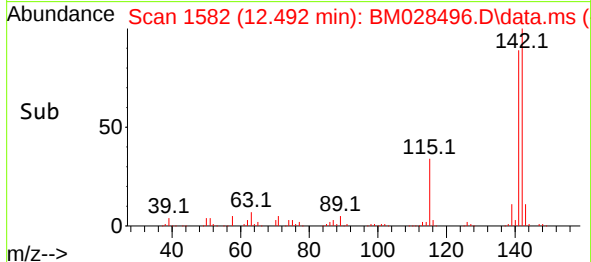
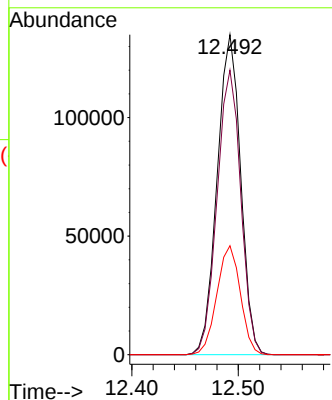
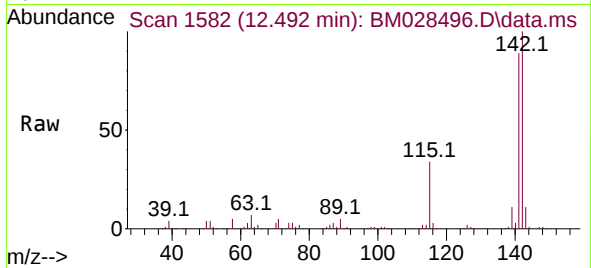




#37  
2-Methylnaphthalene  
Concen: 41.16 ng  
RT: 12.492 min Scan# 1582  
Delta R.T. -0.012 min  
Lab File: BM028496.D  
Acq: 21 Jan 2021 19:54

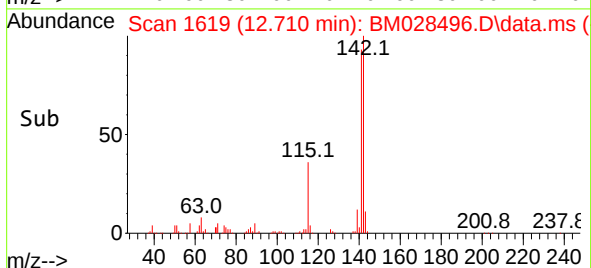
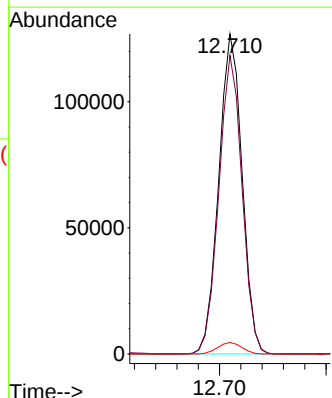
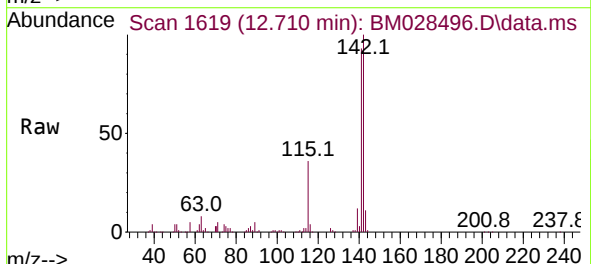
Instrument :  
BNA\_M  
ClientSampled :  
HS-TP3MSD

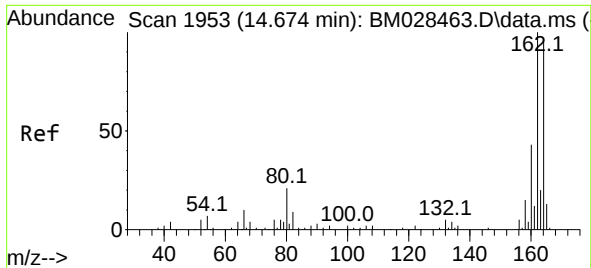
Tgt Ion:142 Resp: 206545  
Ion Ratio Lower Upper  
142 100  
141 88.9 70.3 105.5  
115 34.1 32.2 48.4



#38  
1-Methylnaphthalene  
Concen: 40.52 ng  
RT: 12.710 min Scan# 1619  
Delta R.T. -0.012 min  
Lab File: BM028496.D  
Acq: 21 Jan 2021 19:54

Tgt Ion:142 Resp: 192943  
Ion Ratio Lower Upper  
142 100  
141 93.3 73.8 110.6  
116 3.6 3.5 5.3

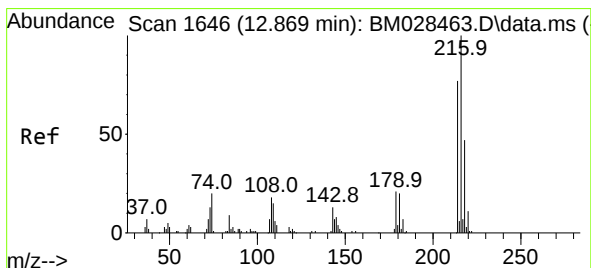
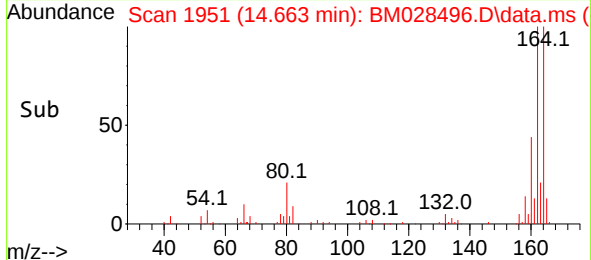
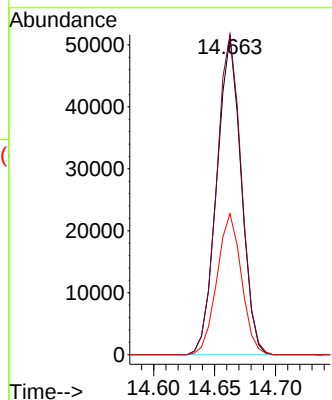
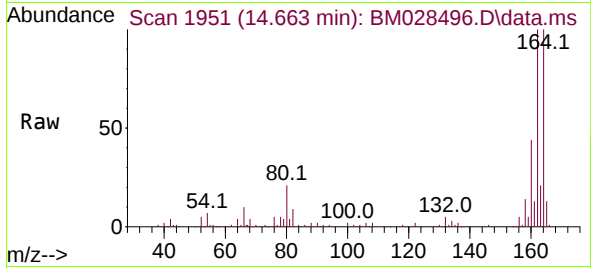




#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.663 min Scan# 1951  
Delta R.T. -0.012 min  
Lab File: BM028496.D  
Acq: 21 Jan 2021 19:54

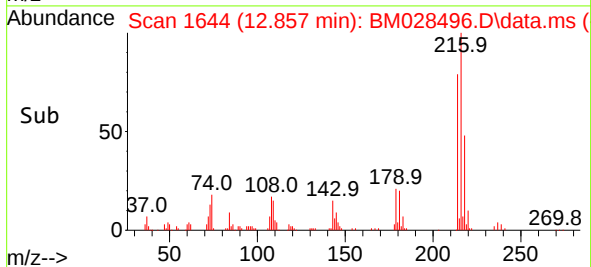
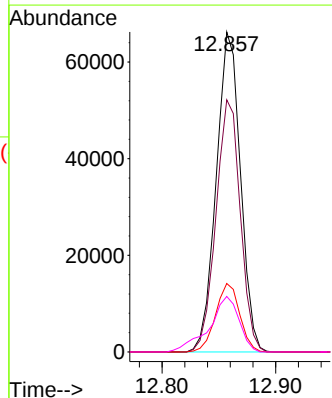
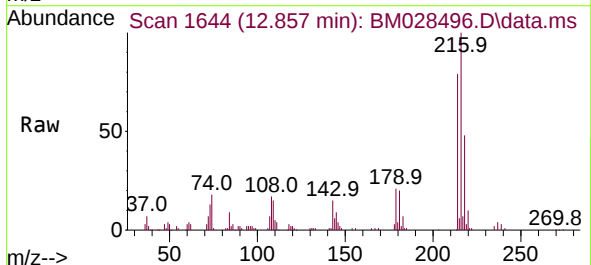
Instrument :  
BNA\_M  
ClientSampleId :  
HS-TP3MSD

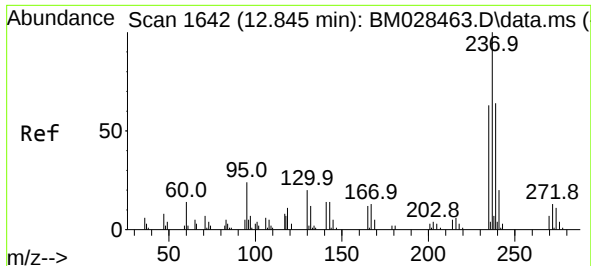
Tgt Ion:164 Resp: 71335  
Ion Ratio Lower Upper  
164 100  
162 100.5 80.4 120.6  
160 44.2 35.9 53.9



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 41.69 ng  
RT: 12.857 min Scan# 1644  
Delta R.T. -0.012 min  
Lab File: BM028496.D  
Acq: 21 Jan 2021 19:54

Tgt Ion:216 Resp: 98094  
Ion Ratio Lower Upper  
216 100  
214 79.1 62.1 93.1  
179 21.3 17.2 25.8  
108 21.4 14.9 22.3

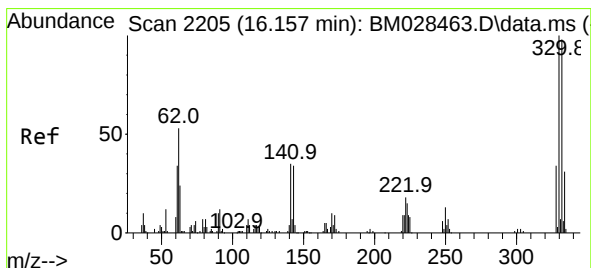
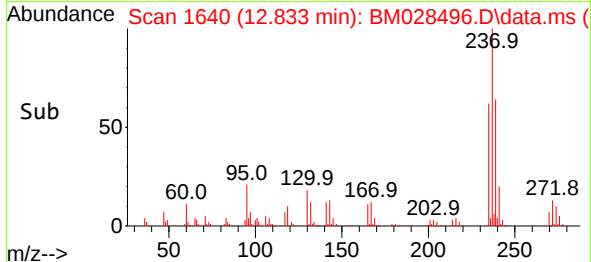
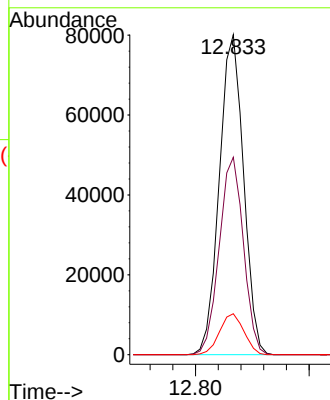
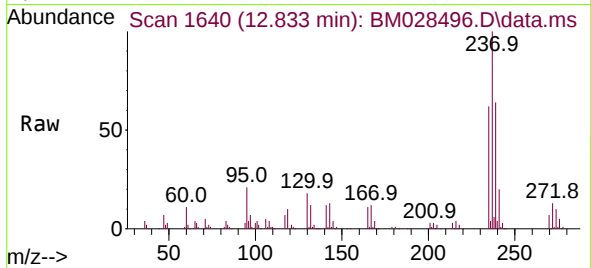




#41  
Hexachlorocyclopentadiene  
Concen: 107.94 ng  
RT: 12.833 min Scan# 1640  
Delta R.T. -0.012 min  
Lab File: BM028496.D  
Acq: 21 Jan 2021 19:54

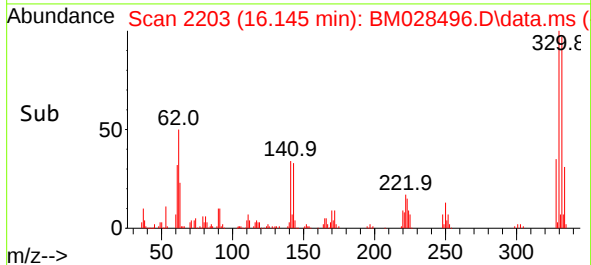
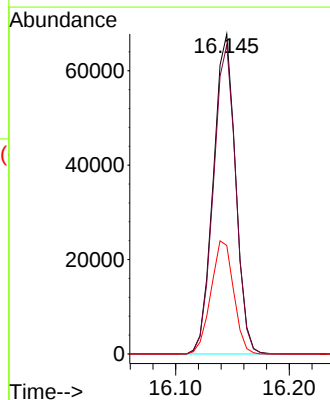
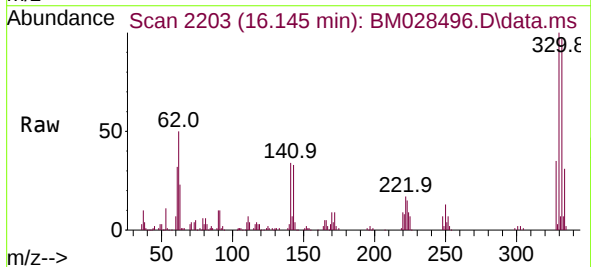
Instrument :  
BNA\_M  
ClientSampleId :  
HS-TP3MSD

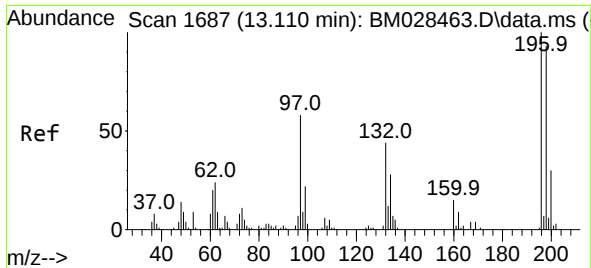
Tgt Ion:237 Resp: 118645  
Ion Ratio Lower Upper  
237 100  
235 61.7 43.1 83.1  
272 12.8 0.0 33.0



#42  
2,4,6-Tribromophenol  
Concen: 97.60 ng  
RT: 16.145 min Scan# 2203  
Delta R.T. -0.012 min  
Lab File: BM028496.D  
Acq: 21 Jan 2021 19:54

Tgt Ion:330 Resp: 92250  
Ion Ratio Lower Upper  
330 100  
332 96.5 77.8 116.8  
141 36.1 28.4 42.6

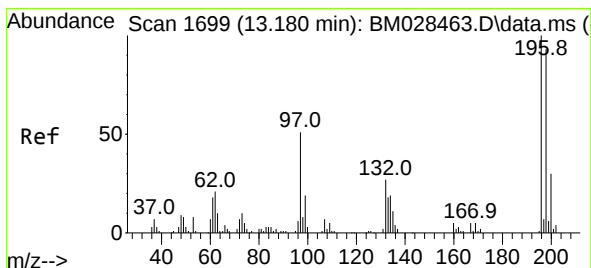
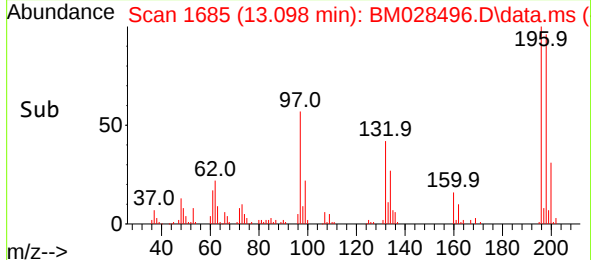
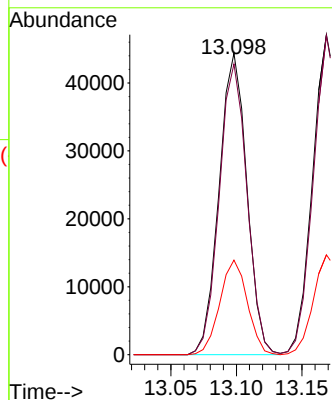
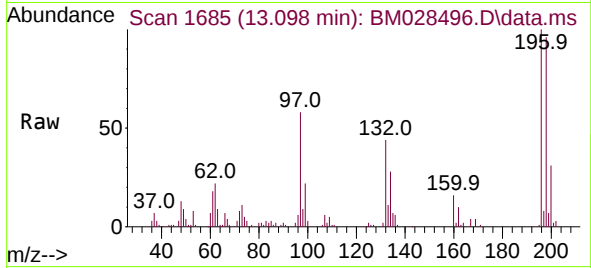




#43  
2,4,6-Trichlorophenol  
Concen: 41.40 ng  
RT: 13.098 min Scan# 1685  
Delta R.T. -0.012 min  
Lab File: BM028496.D  
Acq: 21 Jan 2021 19:54

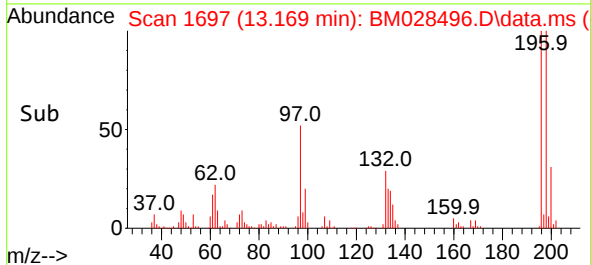
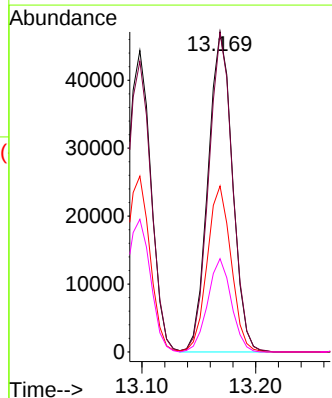
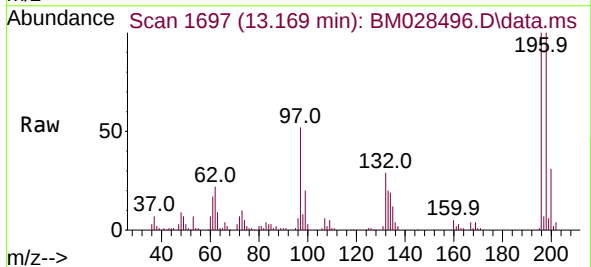
Instrument :  
BNA\_M  
ClientSampled :  
HS-TP3MSD

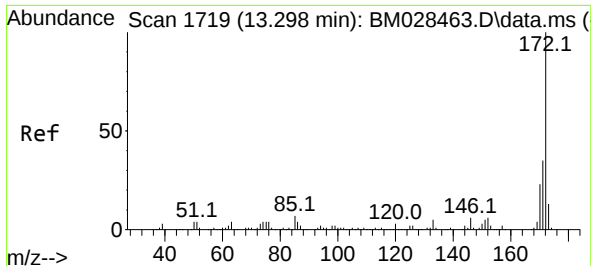
Tgt Ion:196 Resp: 65333  
Ion Ratio Lower Upper  
196 100  
198 96.5 74.9 112.3  
200 31.4 23.7 35.5



#44  
2,4,5-Trichlorophenol  
Concen: 43.10 ng  
RT: 13.169 min Scan# 1697  
Delta R.T. -0.012 min  
Lab File: BM028496.D  
Acq: 21 Jan 2021 19:54

Tgt Ion:196 Resp: 70398  
Ion Ratio Lower Upper  
196 100  
198 99.7 79.0 118.6  
97 51.9 40.5 60.7  
132 29.2 19.3 28.9#

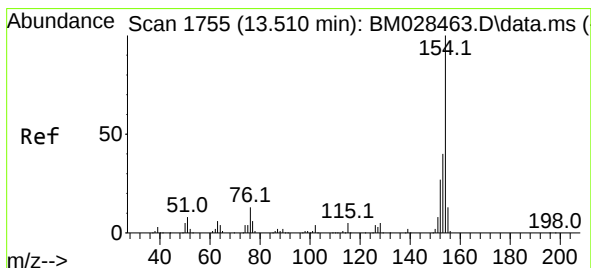
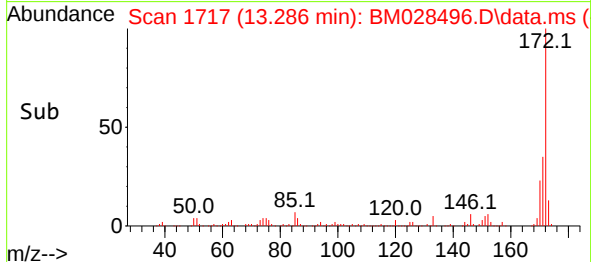
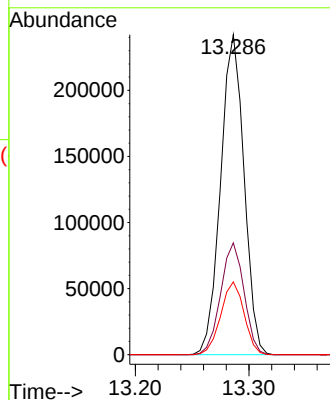
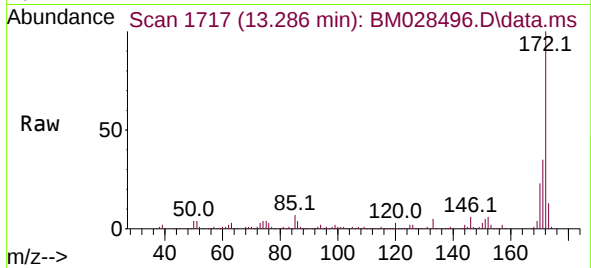




#45  
2-Fluorobiphenyl  
Concen: 61.03 ng  
RT: 13.286 min Scan# 1717  
Delta R.T. -0.012 min  
Lab File: BM028496.D  
Acq: 21 Jan 2021 19:54

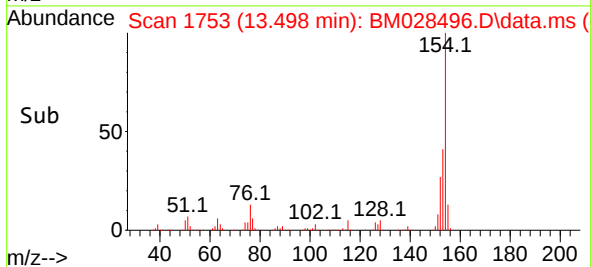
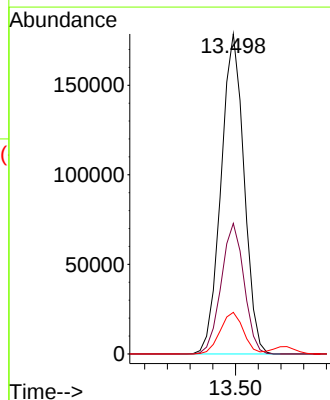
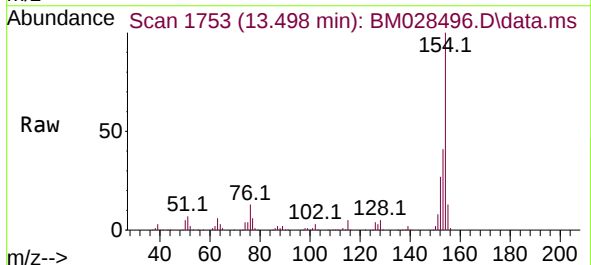
Instrument :  
BNA\_M  
ClientSampled :  
HS-TP3MSD

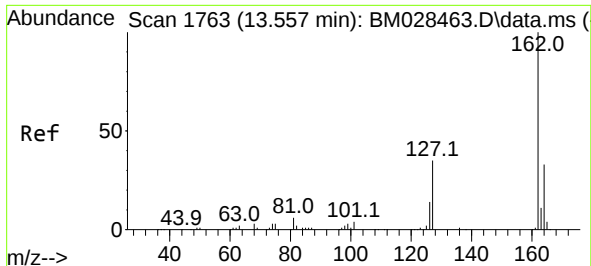
Tgt Ion:172 Resp: 347024  
Ion Ratio Lower Upper  
172 100  
171 34.9 27.8 41.8  
170 22.7 18.6 27.8



#46  
1,1'-Biphenyl  
Concen: 41.25 ng  
RT: 13.498 min Scan# 1753  
Delta R.T. -0.012 min  
Lab File: BM028496.D  
Acq: 21 Jan 2021 19:54

Tgt Ion:154 Resp: 251131  
Ion Ratio Lower Upper  
154 100  
153 40.8 20.0 60.0  
76 13.0 0.0 32.0

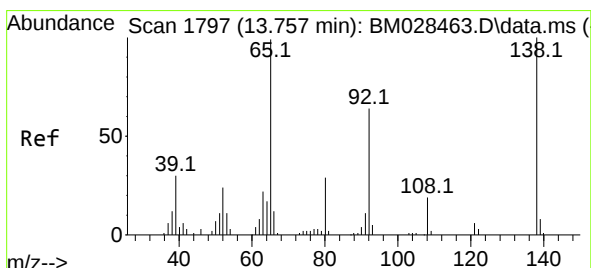
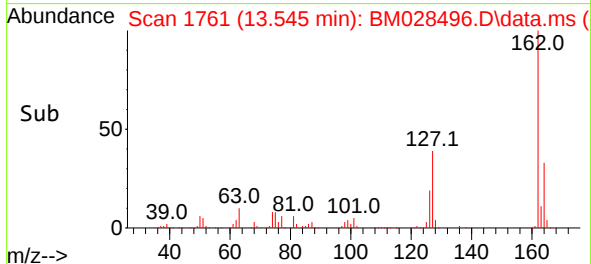
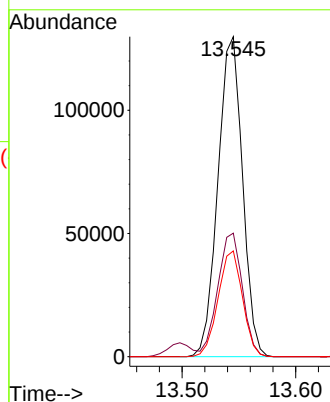
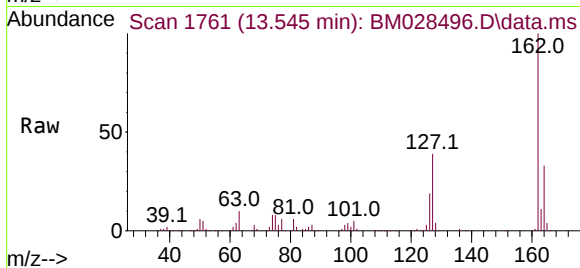




#47  
2-Chloronaphthalene  
Concen: 39.25 ng  
RT: 13.545 min Scan# 1761  
Delta R.T. -0.012 min  
Lab File: BM028496.D  
Acq: 21 Jan 2021 19:54

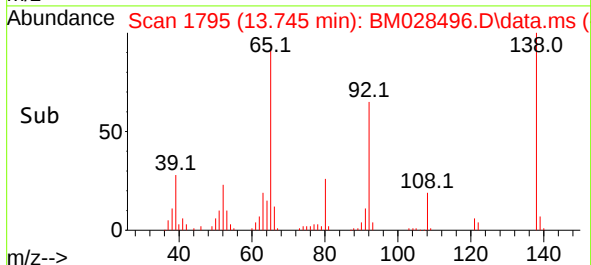
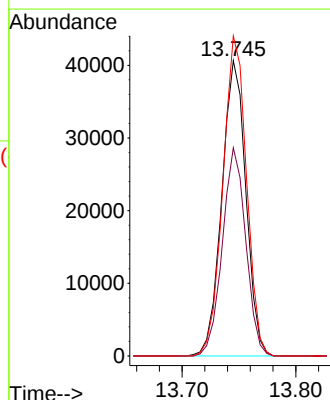
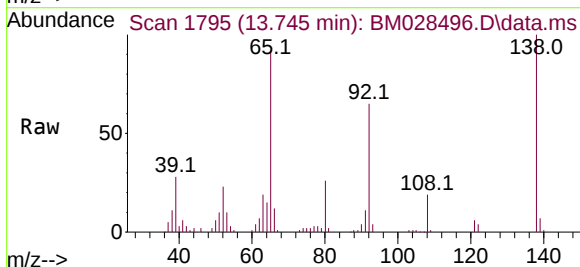
Instrument :  
BNA\_M  
ClientSampled :  
HS-TP3MSD

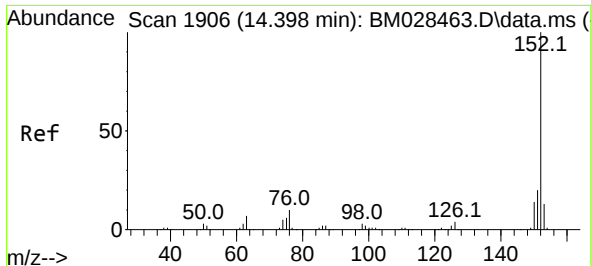
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 195277 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 38.6  | 29.6  | 44.4   |
| 164       | 33.1  | 26.2  | 39.4   |



#48  
2-Nitroaniline  
Concen: 38.29 ng  
RT: 13.745 min Scan# 1795  
Delta R.T. -0.012 min  
Lab File: BM028496.D  
Acq: 21 Jan 2021 19:54

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 65    | Resp: | 59732 |
| Ion Ratio | Lower | Upper |       |
| 65        | 100   |       |       |
| 92        | 70.5  | 51.5  | 77.3  |
| 138       | 108.4 | 72.7  | 109.1 |





#49

Acenaphthylene

Concen: 41.61 ng

RT: 14.386 min Scan# 1904

Delta R.T. -0.012 min

Lab File: BM028496.D

Acq: 21 Jan 2021 19:54

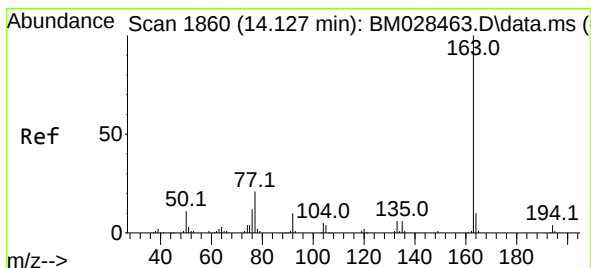
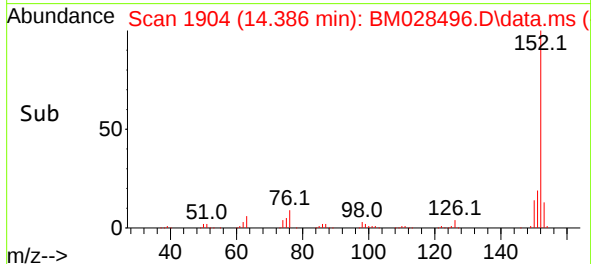
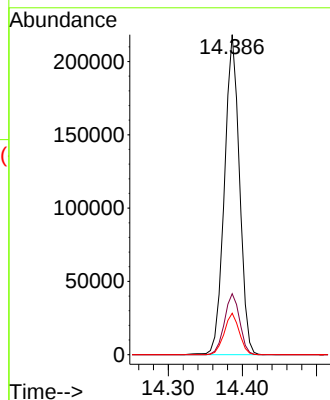
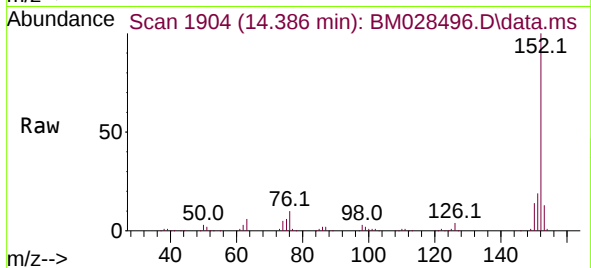
Tgt Ion:152 Resp: 307174

Ion Ratio Lower Upper

152 100

151 19.1 15.8 23.6

153 13.0 10.4 15.6



#50

Dimethylphthalate

Concen: 40.79 ng

RT: 14.122 min Scan# 1859

Delta R.T. -0.006 min

Lab File: BM028496.D

Acq: 21 Jan 2021 19:54

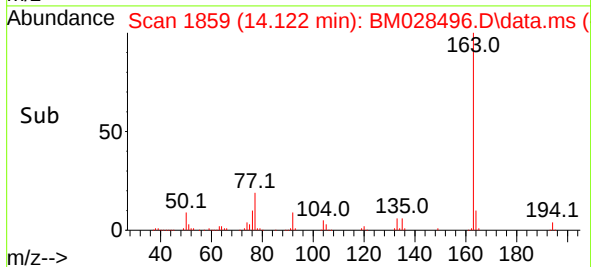
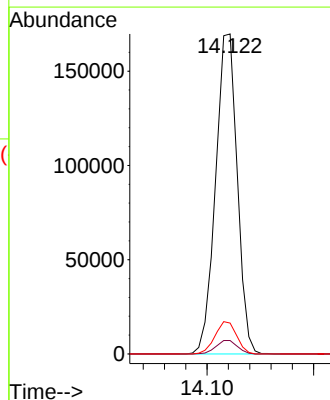
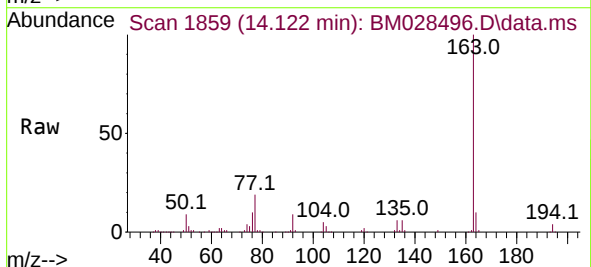
Tgt Ion:163 Resp: 239226

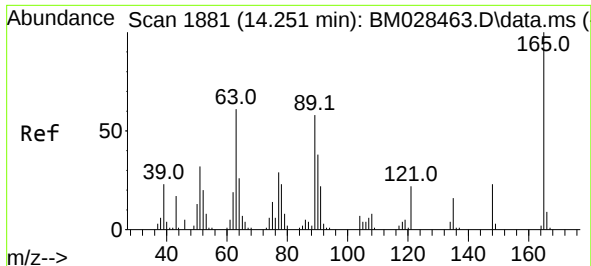
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

164 9.7 8.1 12.1

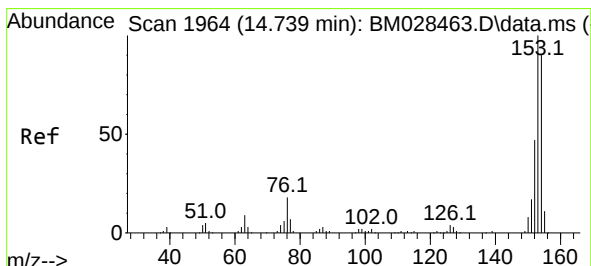
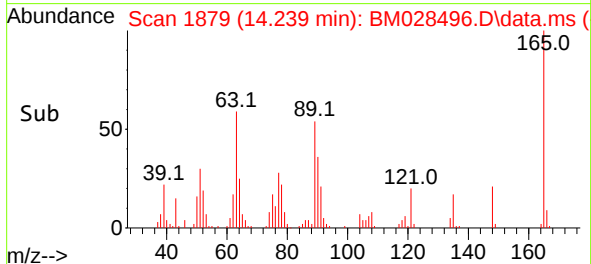
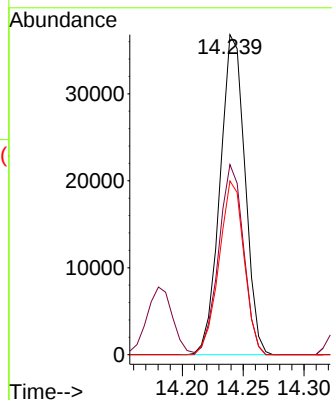
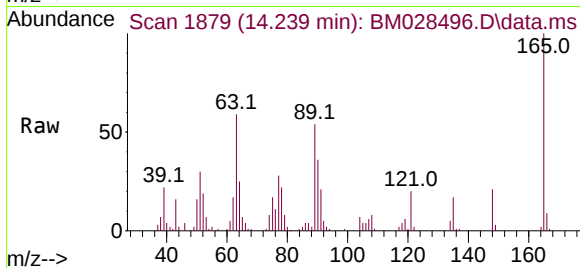




#51  
2,6-Dinitrotoluene  
Concen: 42.04 ng  
RT: 14.239 min Scan# 1879  
Delta R.T. -0.012 min  
Lab File: BM028496.D  
Acq: 21 Jan 2021 19:54

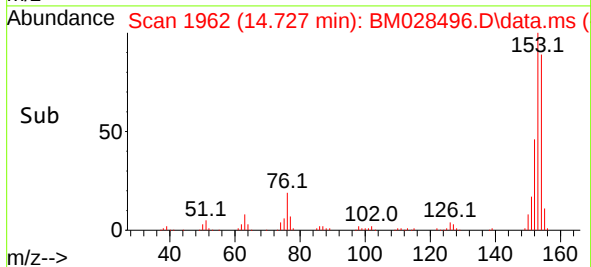
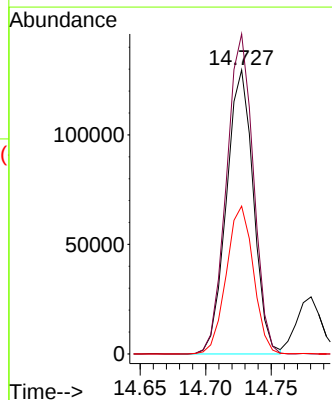
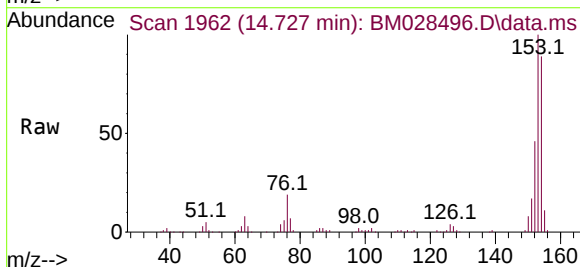
Instrument :  
BNA\_M  
ClientSampled :  
HS-TP3MSD

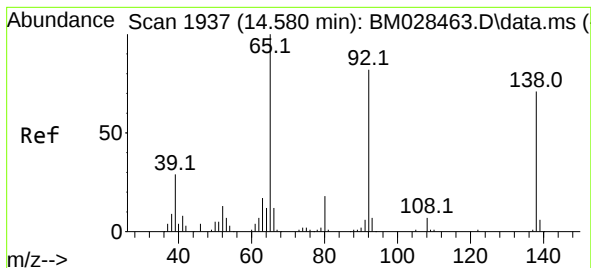
Tgt Ion:165 Resp: 52452  
Ion Ratio Lower Upper  
165 100  
63 59.4 51.1 76.7  
89 54.3 53.3 79.9



#52  
Acenaphthene  
Concen: 40.44 ng  
RT: 14.727 min Scan# 1962  
Delta R.T. -0.012 min  
Lab File: BM028496.D  
Acq: 21 Jan 2021 19:54

Tgt Ion:154 Resp: 185357  
Ion Ratio Lower Upper  
154 100  
153 112.7 88.3 132.5  
152 52.1 41.4 62.2

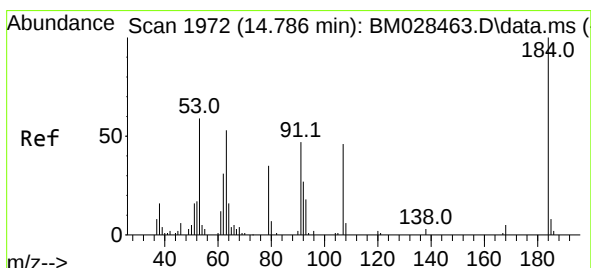
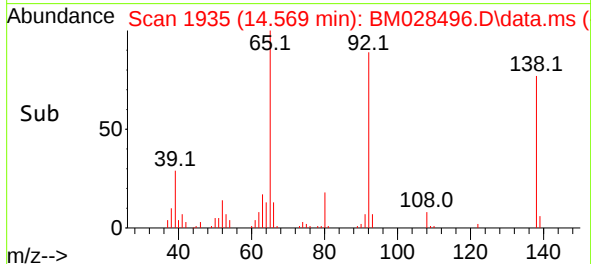
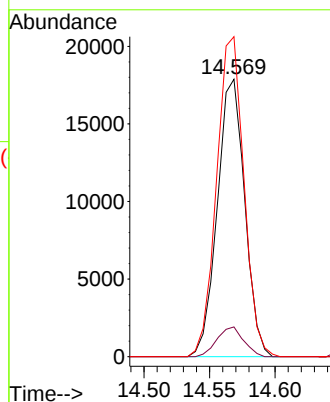
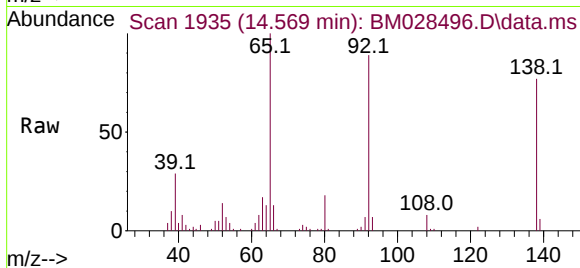




#53  
3-Nitroaniline  
Concen: 18.48 ng  
RT: 14.569 min Scan# 1935  
Delta R.T. -0.012 min  
Lab File: BM028496.D  
Acq: 21 Jan 2021 19:54

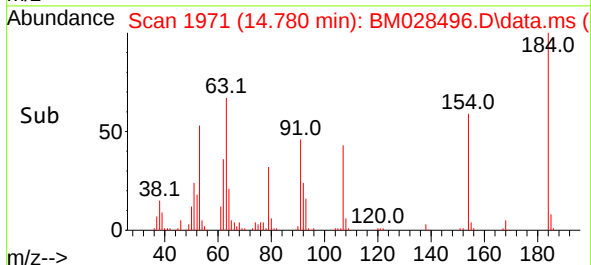
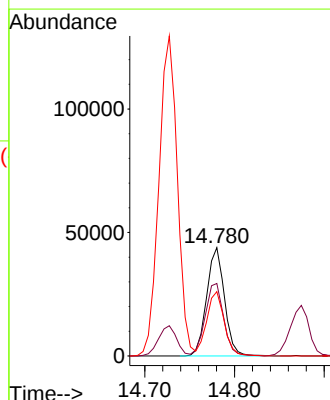
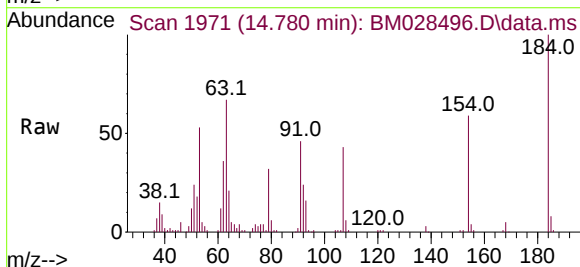
Instrument :  
BNA\_M  
ClientSampleId :  
HS-TP3MSD

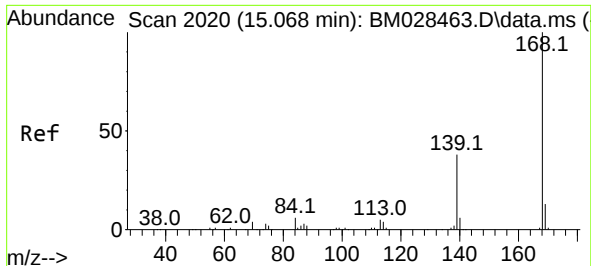
Tgt Ion:138 Resp: 25991  
Ion Ratio Lower Upper  
138 100  
108 10.7 8.6 13.0  
92 115.3 102.1 153.1



#54  
2,4-Dinitrophenol  
Concen: 81.41 ng  
RT: 14.780 min Scan# 1971  
Delta R.T. -0.006 min  
Lab File: BM028496.D  
Acq: 21 Jan 2021 19:54

Tgt Ion:184 Resp: 60490  
Ion Ratio Lower Upper  
184 100  
63 66.9 60.2 90.2  
154 59.5 52.9 79.3

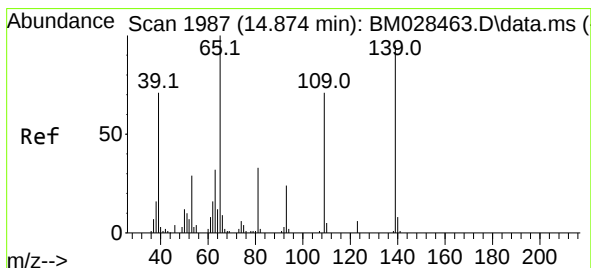
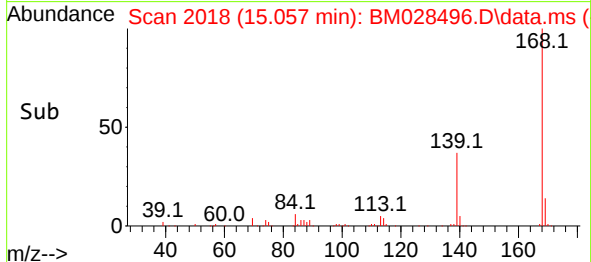
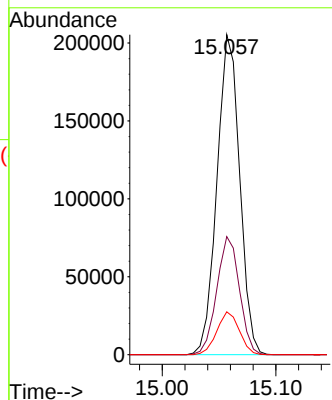
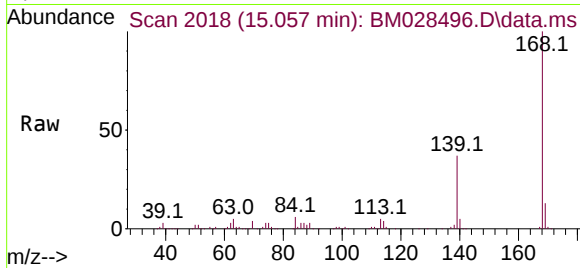




#55  
Dibenzenofuran  
Concen: 40.49 ng  
RT: 15.057 min Scan# 2018  
Delta R.T. -0.012 min  
Lab File: BM028496.D  
Acq: 21 Jan 2021 19:54

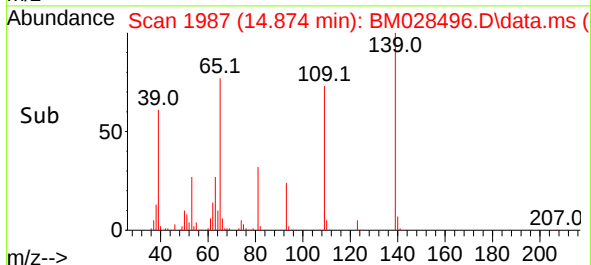
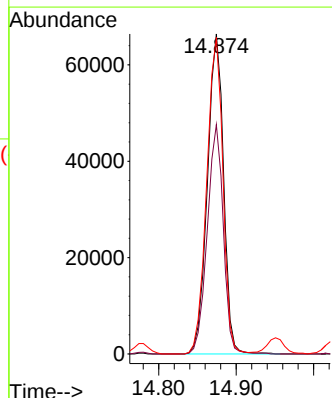
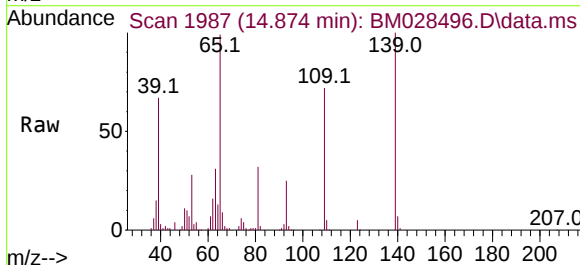
Instrument :  
BNA\_M  
ClientSampled :  
HS-TP3MSD

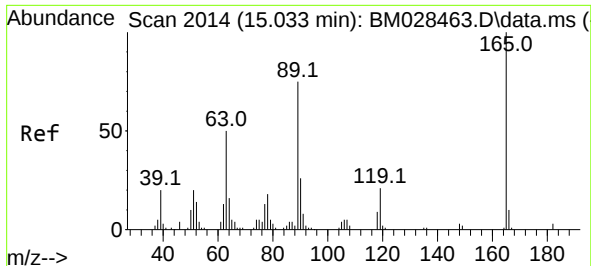
Tgt Ion:168 Resp: 285411  
Ion Ratio Lower Upper  
168 100  
139 36.9 30.2 45.4  
169 13.4 10.6 16.0



#56  
4-Nitrophenol  
Concen: 86.87 ng  
RT: 14.874 min Scan# 1987  
Delta R.T. 0.000 min  
Lab File: BM028496.D  
Acq: 21 Jan 2021 19:54

Tgt Ion:139 Resp: 96199  
Ion Ratio Lower Upper  
139 100  
109 71.7 77.0 117.0#  
65 98.9 103.4 143.4#

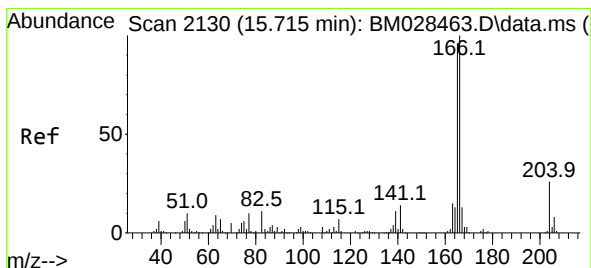
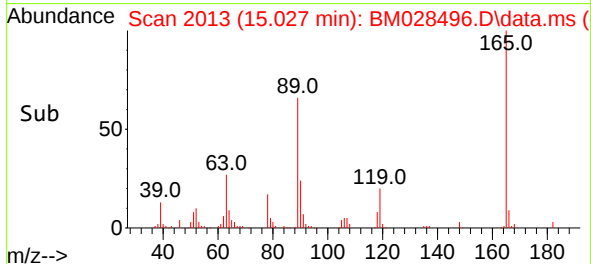
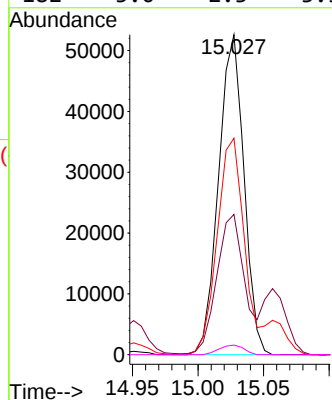
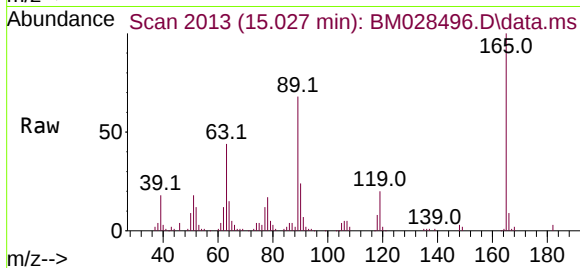




#57  
2,4-Dinitrotoluene  
Concen: 42.59 ng  
RT: 15.027 min Scan# 2013  
Delta R.T. -0.006 min  
Lab File: BM028496.D  
Acq: 21 Jan 2021 19:54

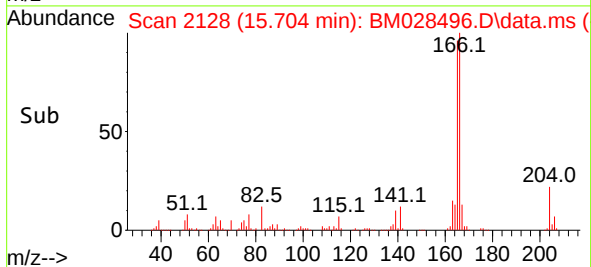
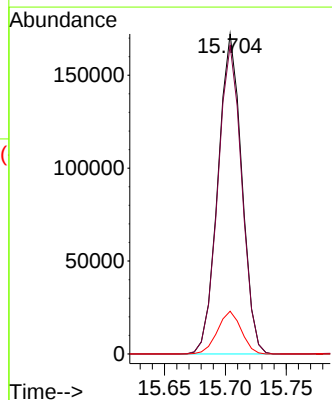
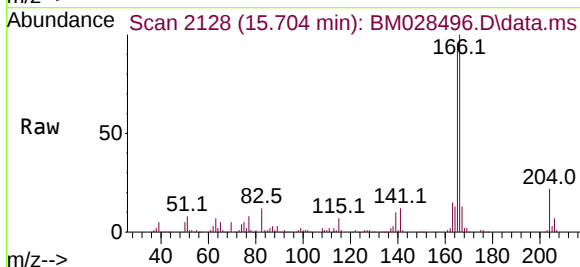
Instrument :  
BNA\_M  
ClientSampleId :  
HS-TP3MSD

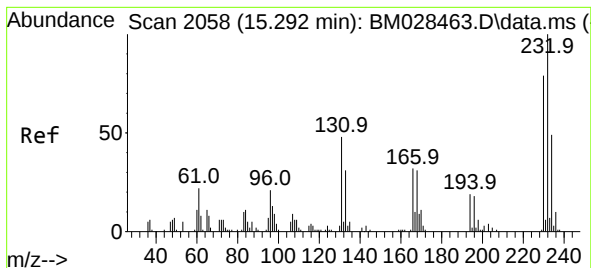
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 165   | Resp: | 70780 |
| Ion Ratio | Lower | Upper |       |
| 165       | 100   |       |       |
| 63        | 43.8  | 38.8  | 58.2  |
| 89        | 67.6  | 62.6  | 94.0  |
| 182       | 3.0   | 2.3   | 3.5   |



#58  
Fluorene  
Concen: 40.48 ng  
RT: 15.704 min Scan# 2128  
Delta R.T. -0.012 min  
Lab File: BM028496.D  
Acq: 21 Jan 2021 19:54

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 166   | Resp: | 233764 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 96.5  | 76.2  | 114.2  |
| 167       | 13.4  | 10.7  | 16.1   |

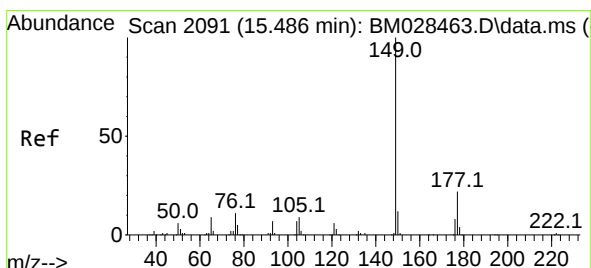
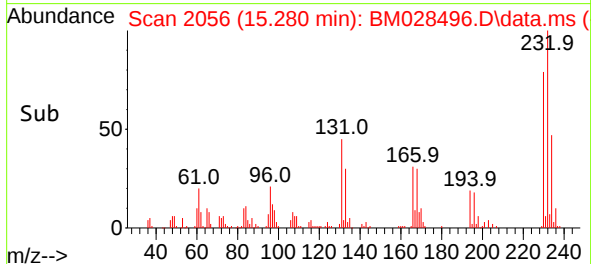
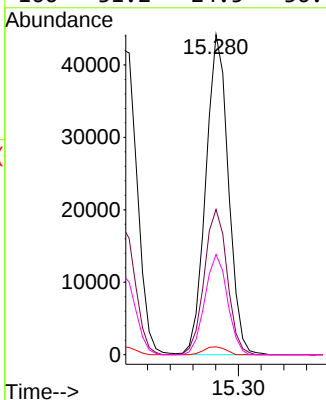
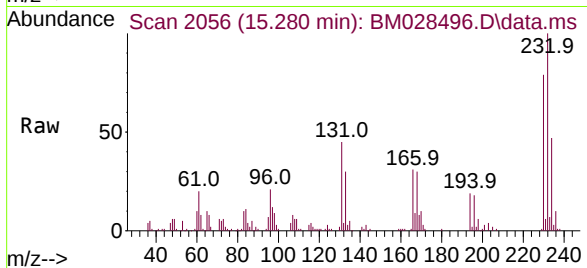




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 42.28 ng  
RT: 15.280 min Scan# 2056  
Delta R.T. -0.012 min  
Lab File: BM028496.D  
Acq: 21 Jan 2021 19:54

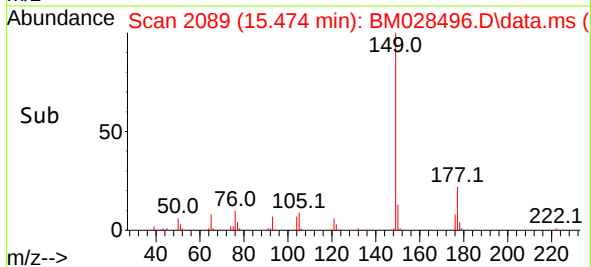
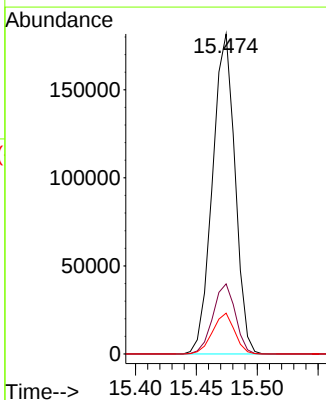
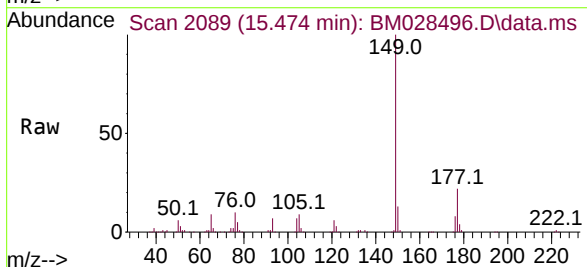
Instrument :  
BNA\_M  
ClientSampled :  
HS-TP3MSD

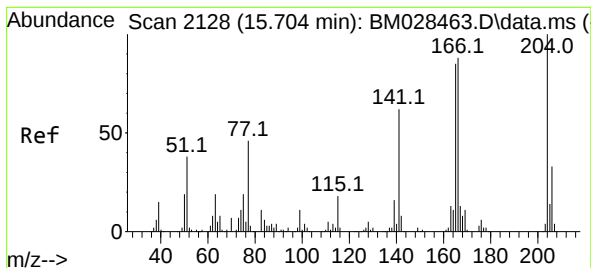
Tgt Ion:232 Resp: 61036  
Ion Ratio Lower Upper  
232 100  
131 46.1 32.2 48.2  
130 2.4 1.8 2.8  
166 31.2 24.5 36.7



#60  
Diethylphthalate  
Concen: 39.30 ng  
RT: 15.474 min Scan# 2089  
Delta R.T. -0.012 min  
Lab File: BM028496.D  
Acq: 21 Jan 2021 19:54

Tgt Ion:149 Resp: 233960  
Ion Ratio Lower Upper  
149 100  
177 21.9 18.2 27.4  
150 12.8 10.2 15.4

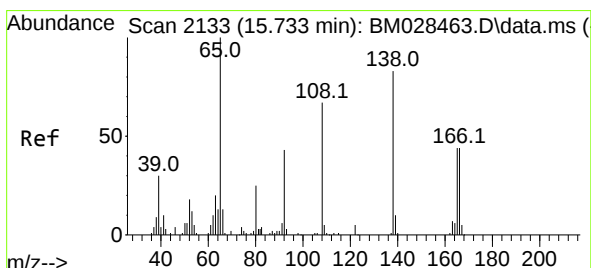
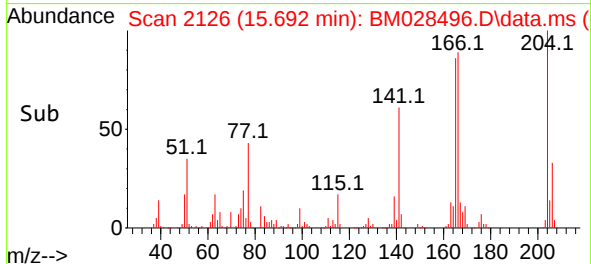
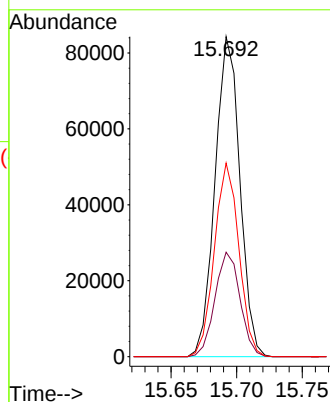
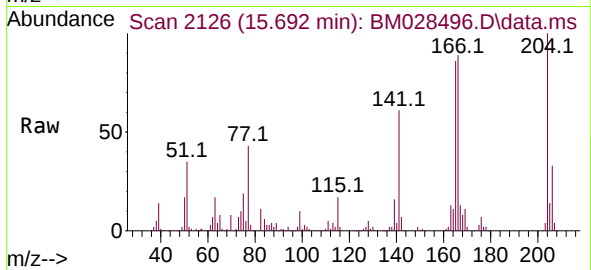




#61  
4-Chlorophenyl-phenylether  
Concen: 38.97 ng  
RT: 15.692 min Scan# 2126  
Delta R.T. -0.012 min  
Lab File: BM028496.D  
Acq: 21 Jan 2021 19:54

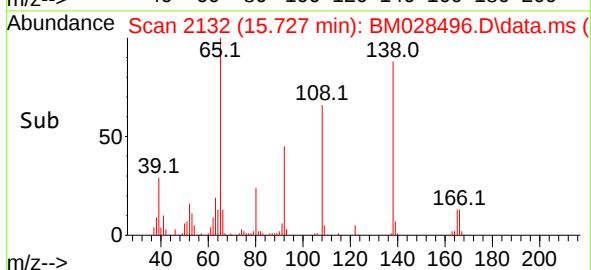
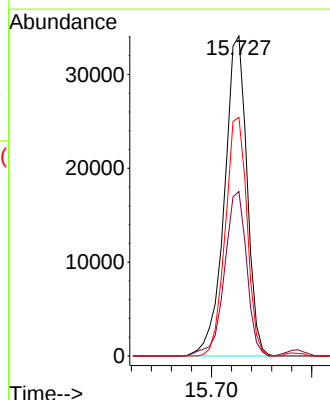
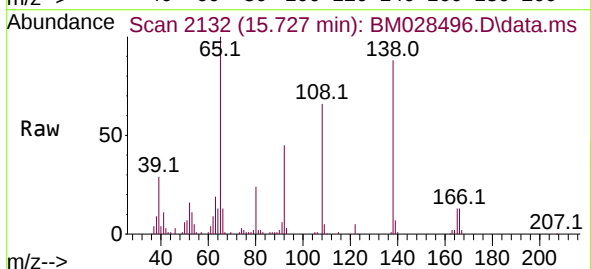
Instrument :  
BNA\_M  
ClientSampled :  
HS-TP3MSD

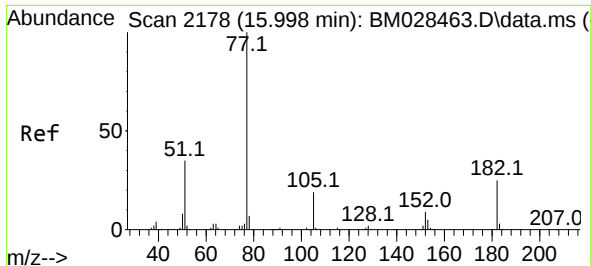
Tgt Ion:204 Resp: 110857  
Ion Ratio Lower Upper  
204 100  
206 32.7 26.1 39.1  
141 60.5 43.7 65.5



#62  
4-Nitroaniline  
Concen: 34.75 ng  
RT: 15.727 min Scan# 2132  
Delta R.T. -0.006 min  
Lab File: BM028496.D  
Acq: 21 Jan 2021 19:54

Tgt Ion:138 Resp: 53210  
Ion Ratio Lower Upper  
138 100  
92 51.4 35.5 75.5  
108 74.6 80.5 120.5#

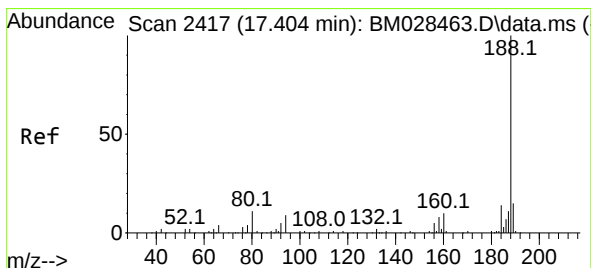
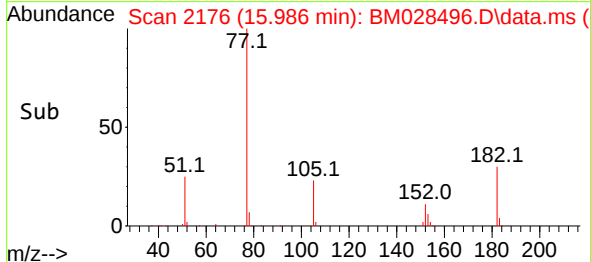
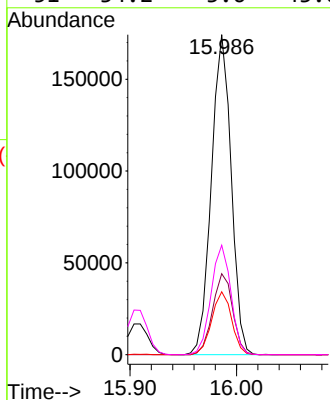
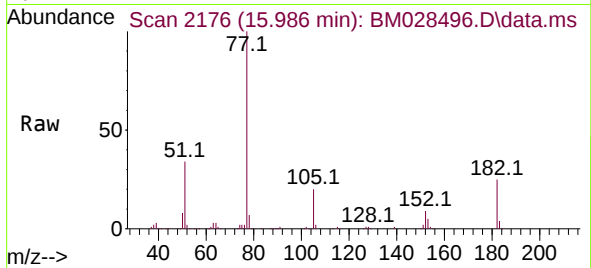




#63  
Azobenzene  
Concen: 40.22 ng  
RT: 15.986 min Scan# 2176  
Delta R.T. -0.012 min  
Lab File: BM028496.D  
Acq: 21 Jan 2021 19:54

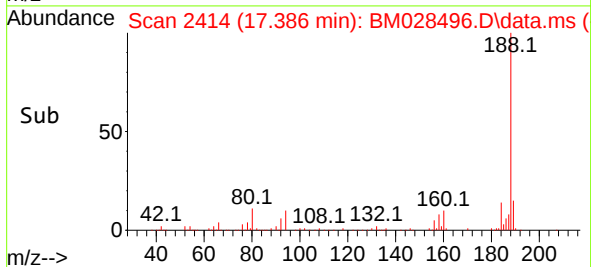
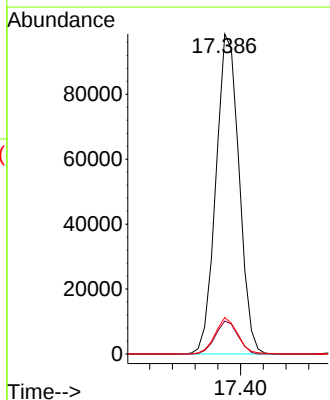
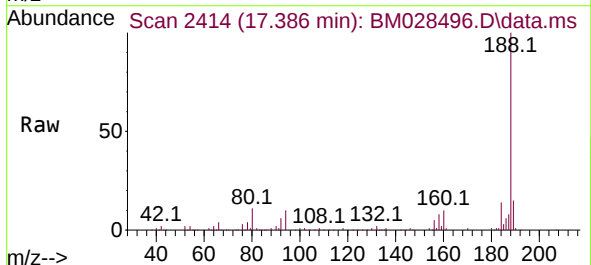
Instrument :  
BNA\_M  
ClientSampled :  
HS-TP3MSD

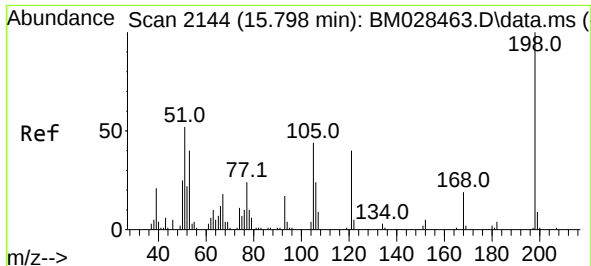
|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 224835 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 25.3    | 5.8 45.8     |
| 105 19.6    | 0.0 37.2     |
| 51 34.2     | 3.6 43.6     |



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.386 min Scan# 2414  
Delta R.T. -0.018 min  
Lab File: BM028496.D  
Acq: 21 Jan 2021 19:54

|              |              |
|--------------|--------------|
| Tgt Ion: 188 | Resp: 139481 |
| Ion Ratio    | Lower Upper  |
| 188 100      |              |
| 94 10.3      | 6.2 9.4#     |
| 80 11.4      | 7.5 11.3#    |

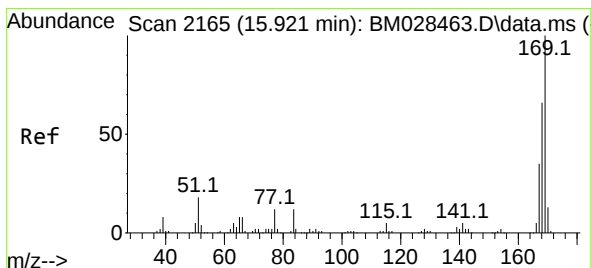
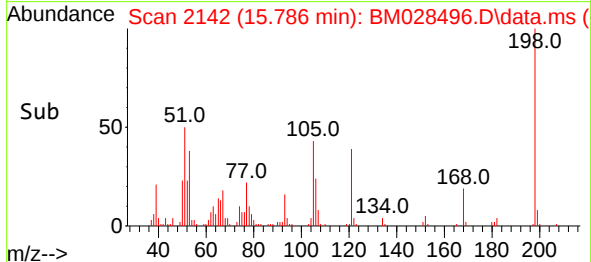
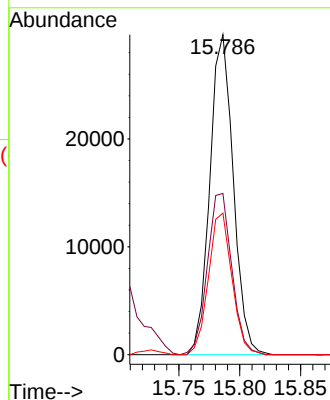
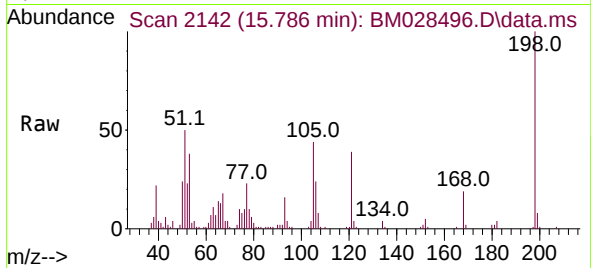




#65  
4,6-Dinitro-2-methylphenol  
Concen: 45.92 ng  
RT: 15.786 min Scan# 2142  
Delta R.T. -0.012 min  
Lab File: BM028496.D  
Acq: 21 Jan 2021 19:54

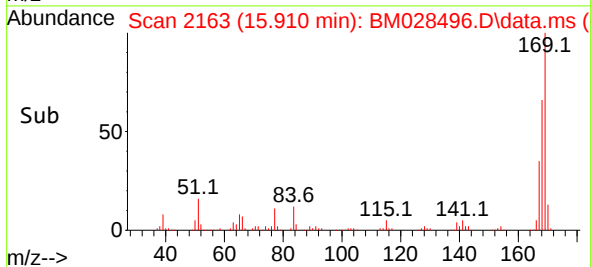
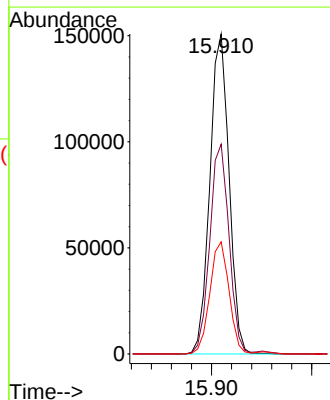
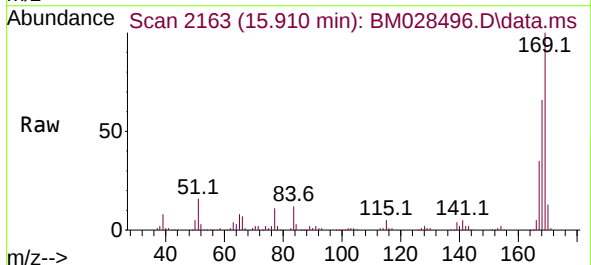
Instrument :  
BNA\_M  
ClientSampled :  
HS-TP3MSD

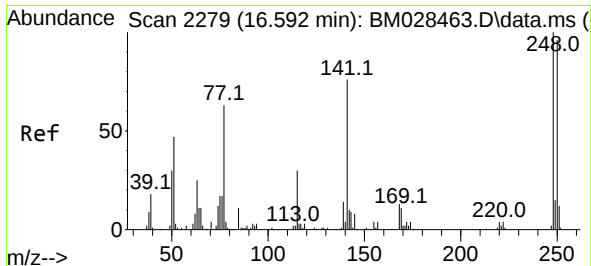
Tgt Ion:198 Resp: 39790  
Ion Ratio Lower Upper  
198 100  
51 50.4 13.0 53.0  
105 44.2 18.7 58.7



#66  
n-Nitrosodiphenylamine  
Concen: 42.90 ng  
RT: 15.910 min Scan# 2163  
Delta R.T. -0.012 min  
Lab File: BM028496.D  
Acq: 21 Jan 2021 19:54

Tgt Ion:169 Resp: 200381  
Ion Ratio Lower Upper  
169 100  
168 65.5 53.8 80.8  
167 35.0 29.0 43.4

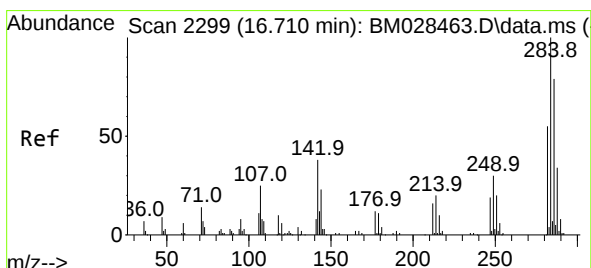
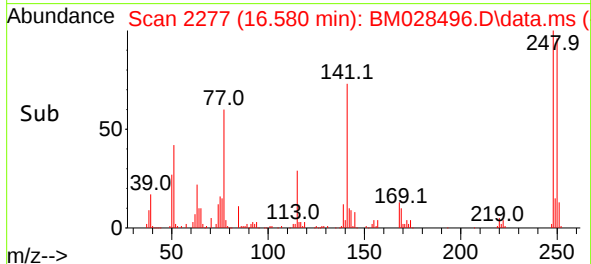
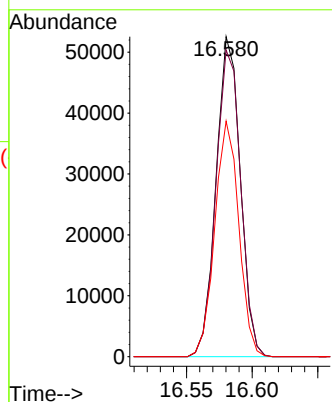
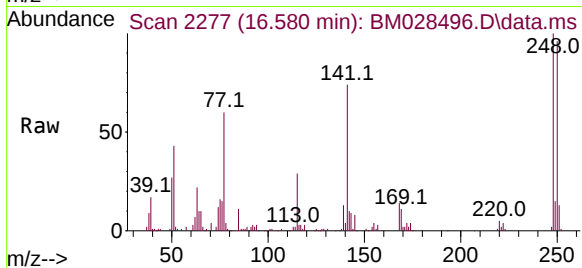




#67  
4-Bromophenyl-phenylether  
Concen: 40.82 ng  
RT: 16.580 min Scan# 2277  
Delta R.T. -0.012 min  
Lab File: BM028496.D  
Acq: 21 Jan 2021 19:54

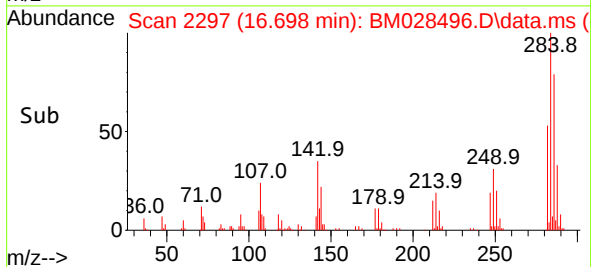
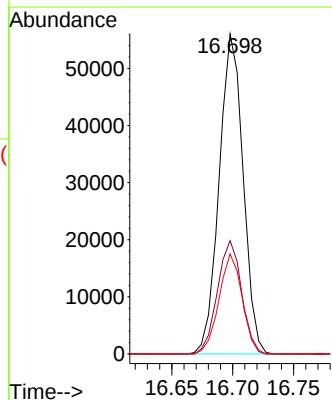
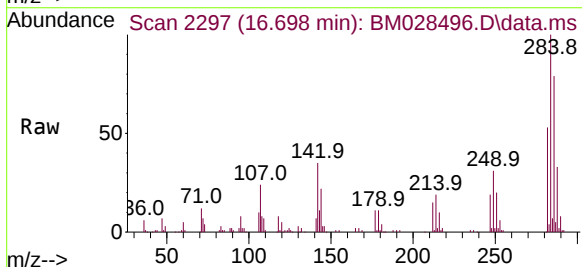
Instrument :  
BNA\_M  
ClientSampled :  
HS-TP3MSD

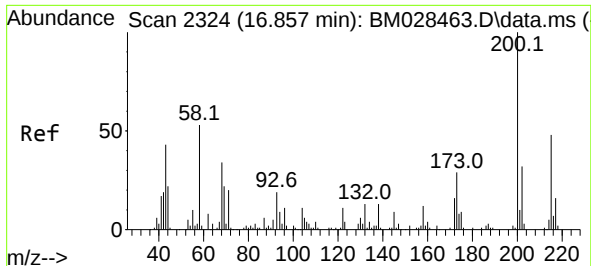
Tgt Ion:248 Resp: 67434  
Ion Ratio Lower Upper  
248 100  
250 95.8 79.1 118.7  
141 73.6 51.8 77.8



#68  
Hexachlorobenzene  
Concen: 39.91 ng  
RT: 16.698 min Scan# 2297  
Delta R.T. -0.012 min  
Lab File: BM028496.D  
Acq: 21 Jan 2021 19:54

Tgt Ion:284 Resp: 76614  
Ion Ratio Lower Upper  
284 100  
142 35.4 26.1 39.1  
249 31.3 25.6 38.4

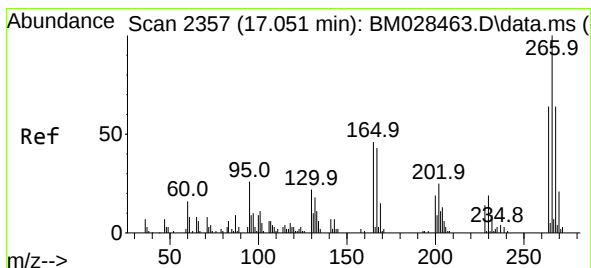
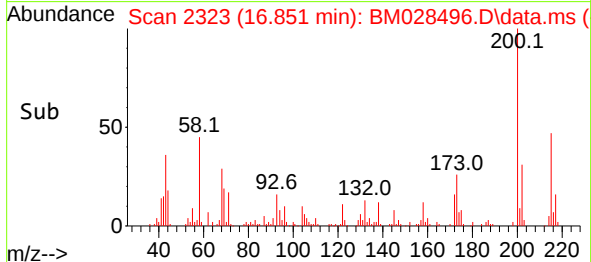
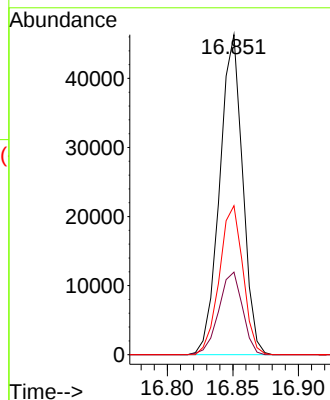
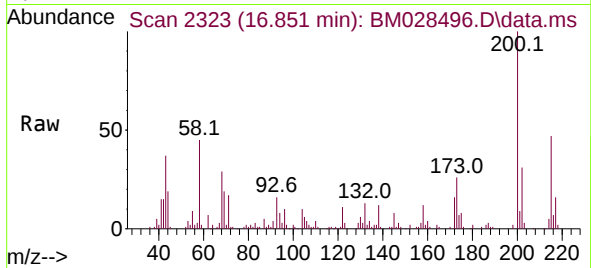




#69  
Atrazine  
Concen: 40.74 ng  
RT: 16.851 min Scan# 2323  
Delta R.T. -0.006 min  
Lab File: BM028496.D  
Acq: 21 Jan 2021 19:54

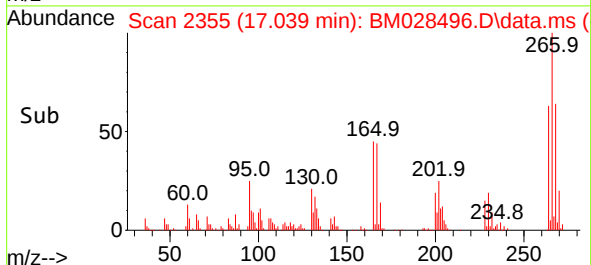
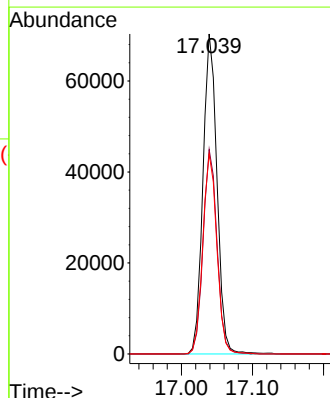
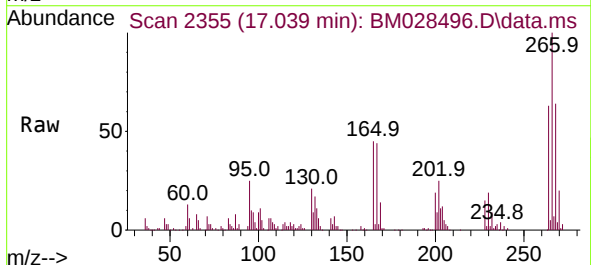
Instrument :  
BNA\_M  
ClientSampled :  
HS-TP3MSD

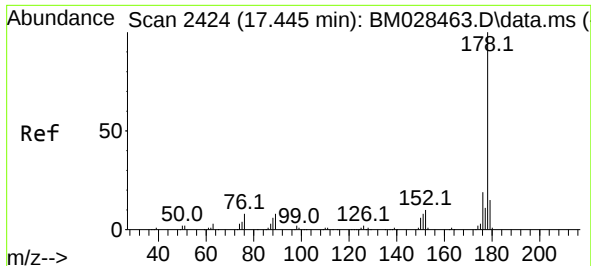
Tgt Ion:200 Resp: 56413  
Ion Ratio Lower Upper  
200 100  
173 25.8 4.9 44.9  
215 46.6 29.0 69.0



#70  
Pentachlorophenol  
Concen: 92.59 ng  
RT: 17.039 min Scan# 2355  
Delta R.T. -0.012 min  
Lab File: BM028496.D  
Acq: 21 Jan 2021 19:54

Tgt Ion:266 Resp: 96865  
Ion Ratio Lower Upper  
266 100  
268 63.9 49.9 74.9  
264 62.5 50.6 76.0

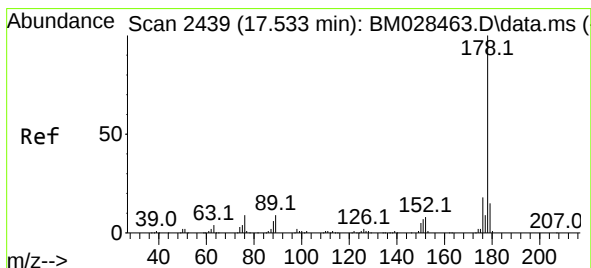
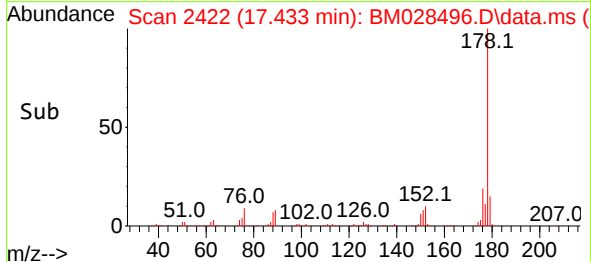
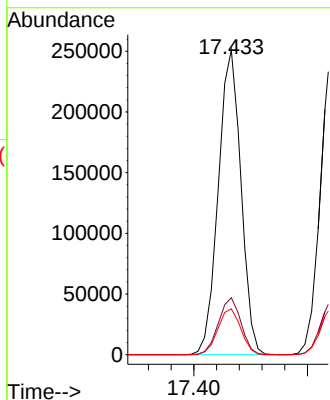
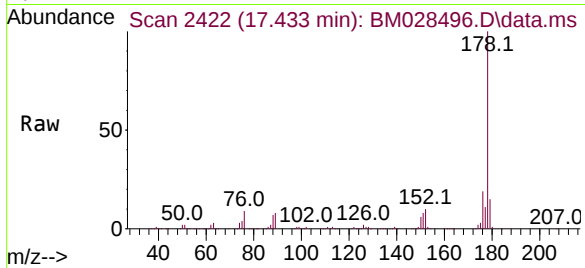




#71  
Phenanthrene  
Concen: 40.57 ng  
RT: 17.433 min Scan# 2422  
Delta R.T. -0.012 min  
Lab File: BM028496.D  
Acq: 21 Jan 2021 19:54

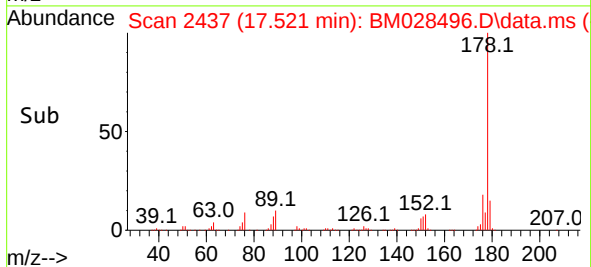
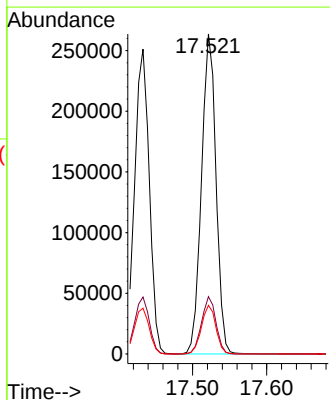
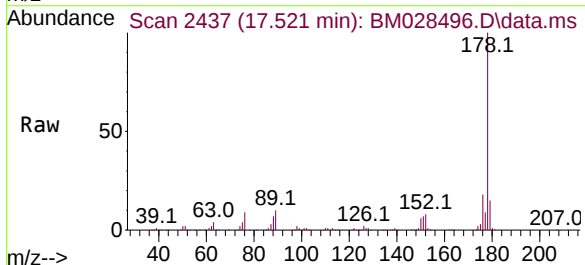
Instrument :  
BNA\_M  
ClientSampled :  
HS-TP3MSD

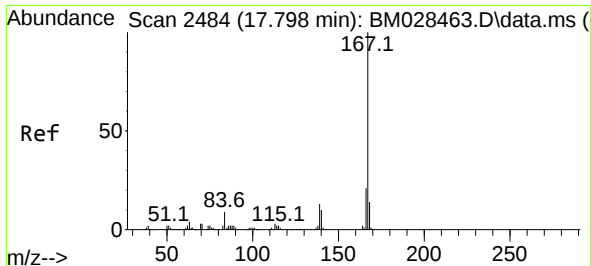
Tgt Ion:178 Resp: 348022  
Ion Ratio Lower Upper  
178 100  
176 18.7 15.0 22.6  
179 15.0 12.2 18.4



#72  
Anthracene  
Concen: 43.32 ng  
RT: 17.521 min Scan# 2437  
Delta R.T. -0.012 min  
Lab File: BM028496.D  
Acq: 21 Jan 2021 19:54

Tgt Ion:178 Resp: 358937  
Ion Ratio Lower Upper  
178 100  
176 17.9 15.0 22.4  
179 15.2 12.5 18.7

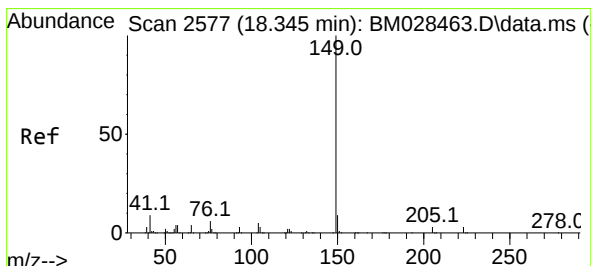
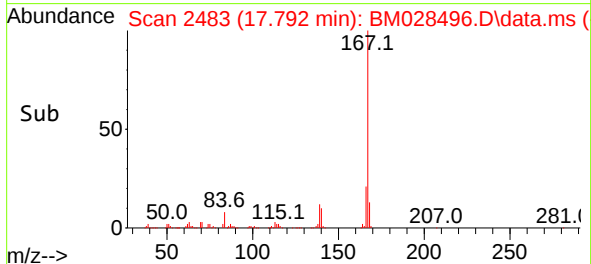
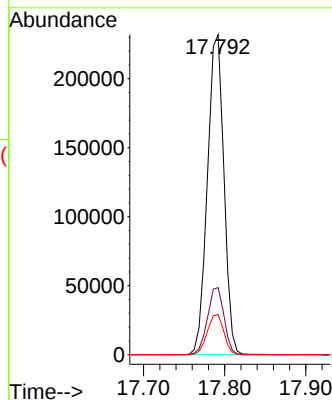
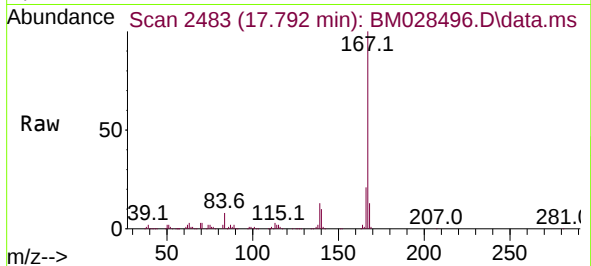




#73  
 Carbazole  
 Concen: 41.57 ng  
 RT: 17.792 min Scan# 2483  
 Delta R.T. -0.006 min  
 Lab File: BM028496.D  
 Acq: 21 Jan 2021 19:54

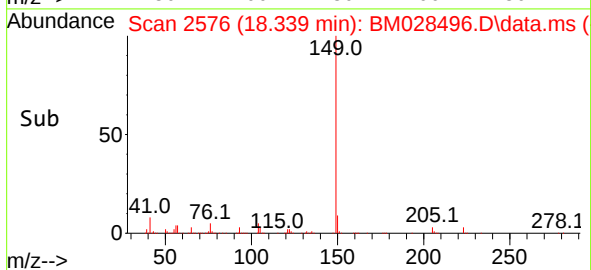
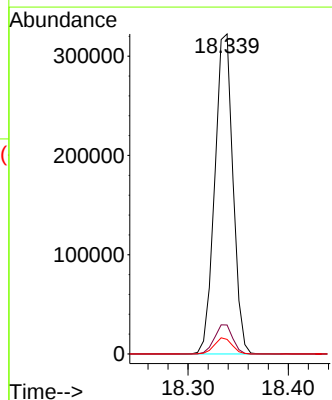
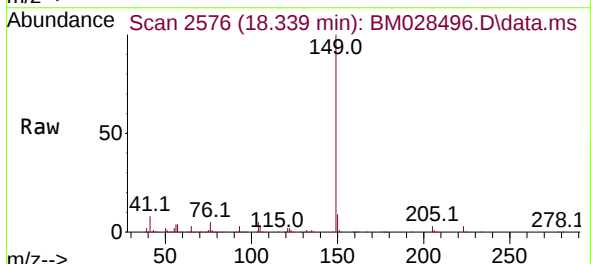
Instrument :  
 BNA\_M  
 ClientSampleId :  
 HS-TP3MSD

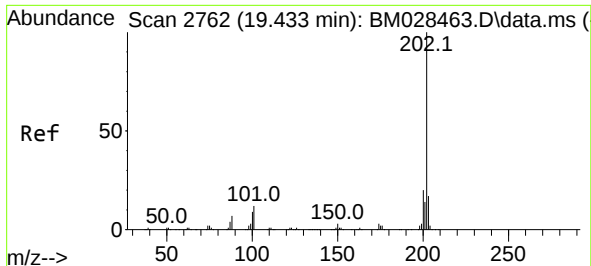
Tgt Ion:167 Resp: 326671  
 Ion Ratio Lower Upper  
 167 100  
 166 20.9 16.9 25.3  
 139 12.5 9.9 14.9



#74  
 Di-n-butylphthalate  
 Concen: 42.79 ng  
 RT: 18.339 min Scan# 2576  
 Delta R.T. -0.006 min  
 Lab File: BM028496.D  
 Acq: 21 Jan 2021 19:54

Tgt Ion:149 Resp: 404577  
 Ion Ratio Lower Upper  
 149 100  
 150 9.0 7.4 11.0  
 104 4.5 4.7 7.1#

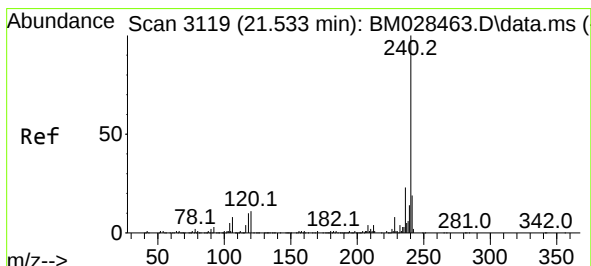
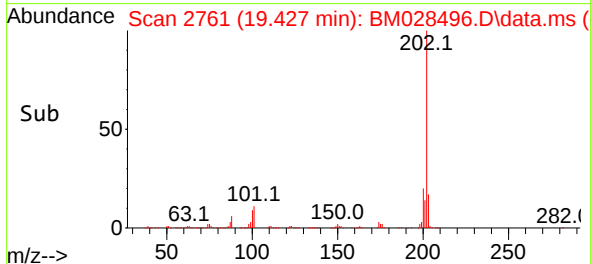
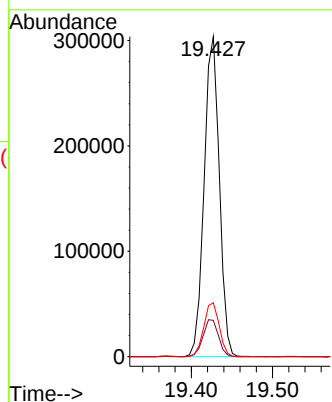
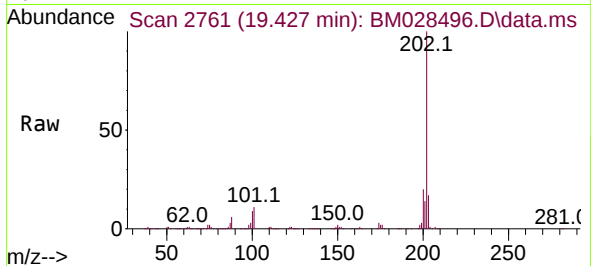




#75  
Fluoranthene  
Concen: 40.86 ng  
RT: 19.427 min Scan# 2761  
Delta R.T. -0.006 min  
Lab File: BM028496.D  
Acq: 21 Jan 2021 19:54

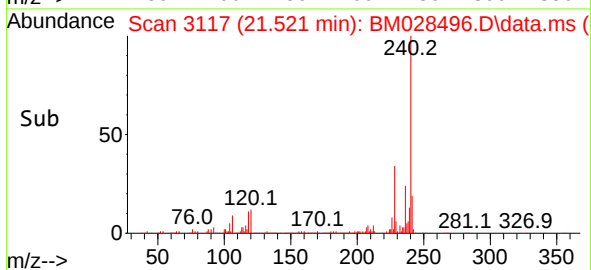
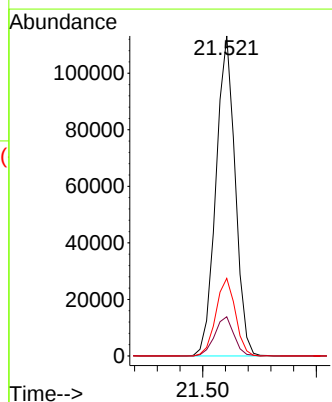
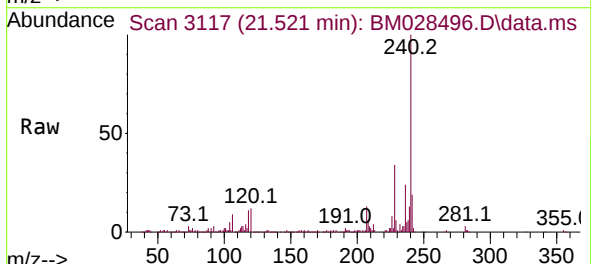
Instrument :  
BNA\_M  
ClientSampleId :  
HS-TP3MSD

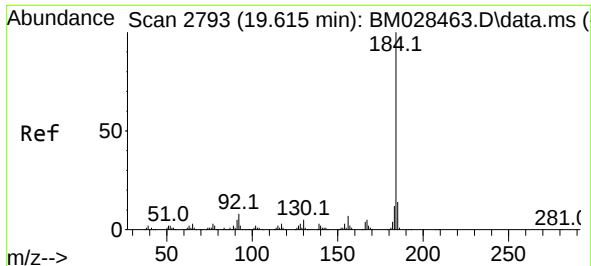
Tgt Ion:202 Resp: 393665  
Ion Ratio Lower Upper  
202 100  
101 11.4 0.0 28.5  
203 16.9 0.0 37.3



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.521 min Scan# 3117  
Delta R.T. -0.012 min  
Lab File: BM028496.D  
Acq: 21 Jan 2021 19:54

Tgt Ion:240 Resp: 132938  
Ion Ratio Lower Upper  
240 100  
120 12.2 6.4 9.6#  
236 24.3 20.1 30.1

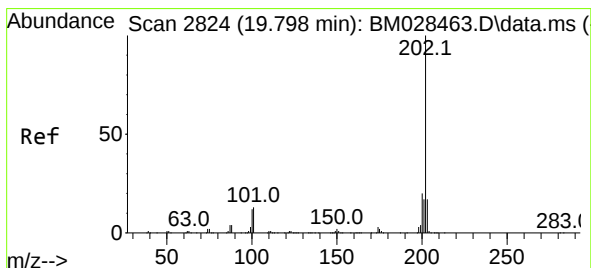
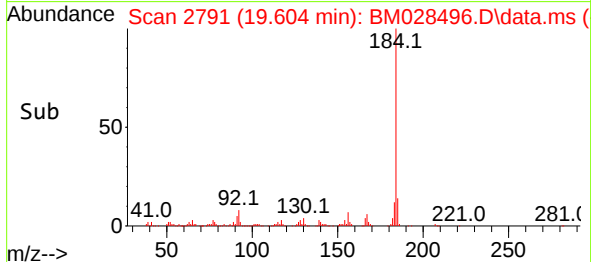
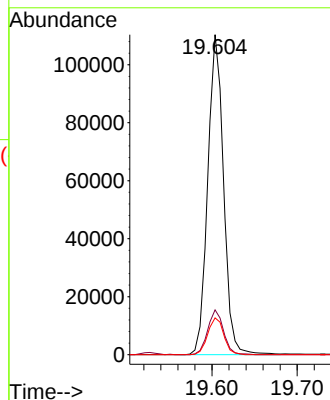
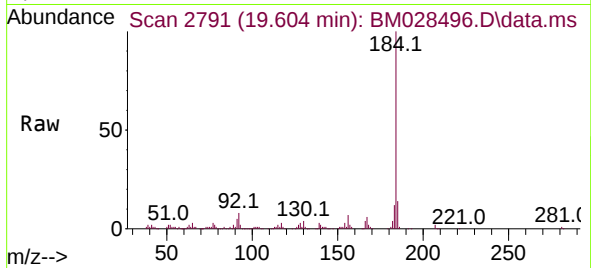




#77  
Benzidine  
Concen: 47.68 ng  
RT: 19.604 min Scan# 2791  
Delta R.T. -0.012 min  
Lab File: BM028496.D  
Acq: 21 Jan 2021 19:54

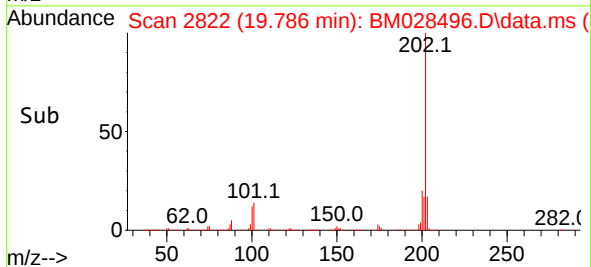
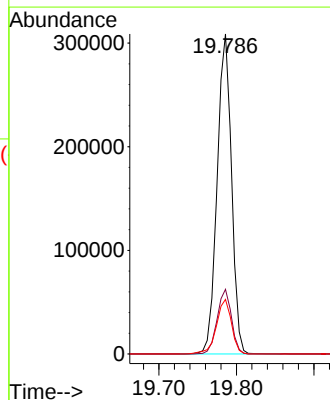
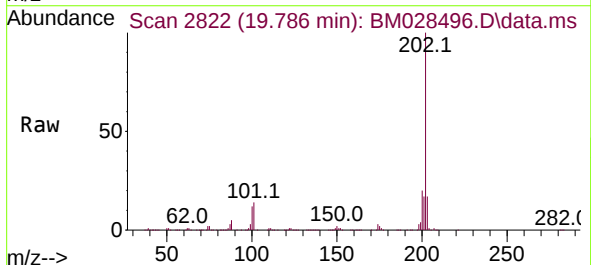
Instrument :  
BNA\_M  
ClientSampleId :  
HS-TP3MSD

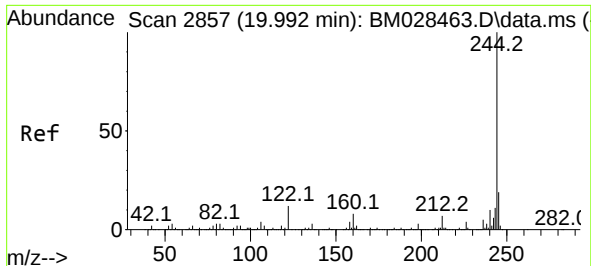
Tgt Ion:184 Resp: 142540  
Ion Ratio Lower Upper  
184 100  
185 14.0 11.0 16.6  
183 11.5 9.7 14.5



#78  
Pyrene  
Concen: 41.67 ng  
RT: 19.786 min Scan# 2822  
Delta R.T. -0.012 min  
Lab File: BM028496.D  
Acq: 21 Jan 2021 19:54

Tgt Ion:202 Resp: 397150  
Ion Ratio Lower Upper  
202 100  
200 20.2 16.6 24.8  
203 17.1 13.8 20.6

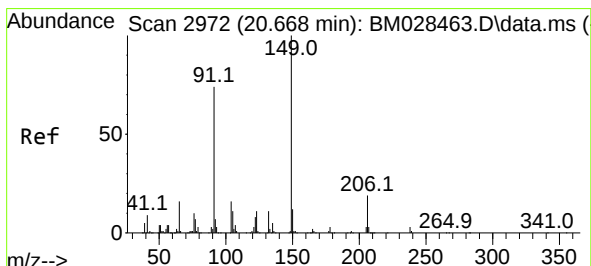
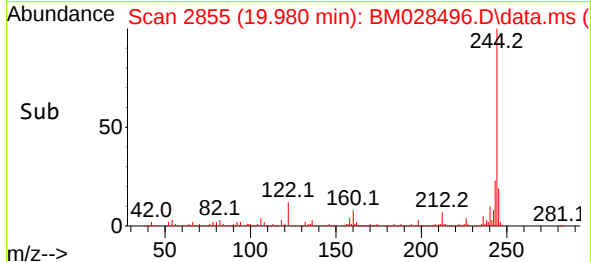
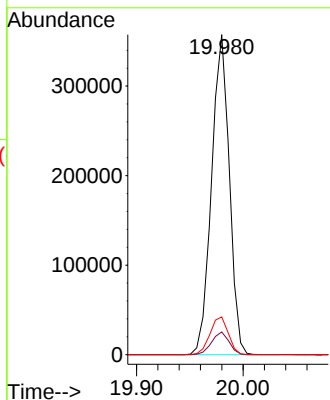
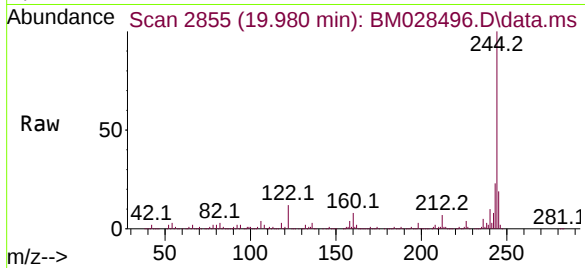




#79  
 Terphenyl-d14  
 Concen: 56.27 ng  
 RT: 19.980 min Scan# 2855  
 Delta R.T. -0.012 min  
 Lab File: BM028496.D  
 Acq: 21 Jan 2021 19:54

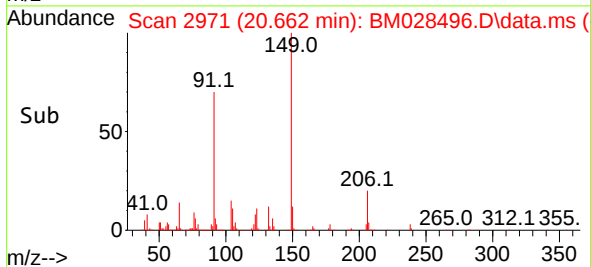
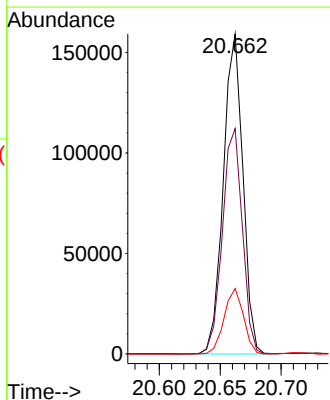
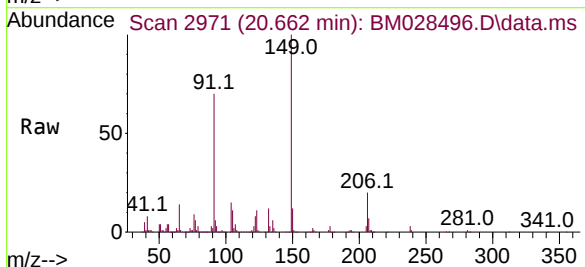
Instrument :  
 BNA\_M  
 ClientSampled :  
 HS-TP3MSD

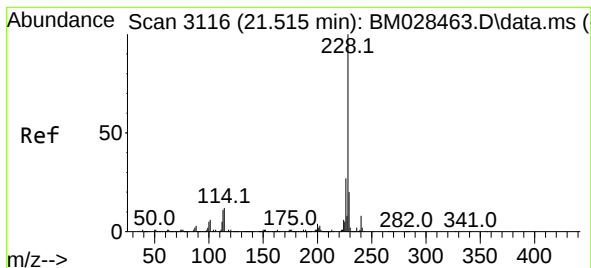
Tgt Ion:244 Resp: 414239  
 Ion Ratio Lower Upper  
 244 100  
 212 7.1 5.8 8.8  
 122 11.8 6.5 9.7#



#80  
 Butylbenzylphthalate  
 Concen: 42.39 ng  
 RT: 20.662 min Scan# 2971  
 Delta R.T. -0.006 min  
 Lab File: BM028496.D  
 Acq: 21 Jan 2021 19:54

Tgt Ion:149 Resp: 178155  
 Ion Ratio Lower Upper  
 149 100  
 91 70.5 58.1 87.1  
 206 20.5 18.7 28.1





#81

Benzo(a)anthracene

Concen: 40.80 ng

RT: 21.503 min Scan# 3114

Delta R.T. -0.012 min

Lab File: BM028496.D

Acq: 21 Jan 2021 19:54

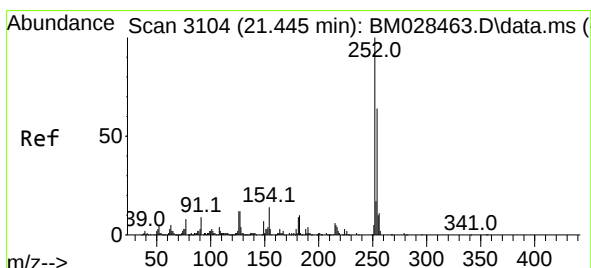
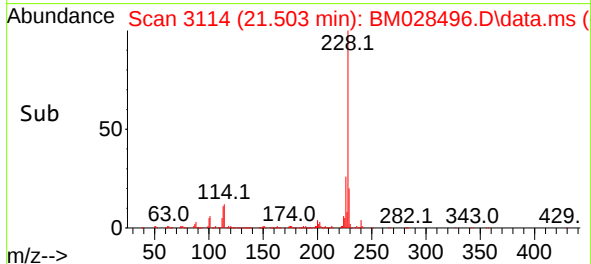
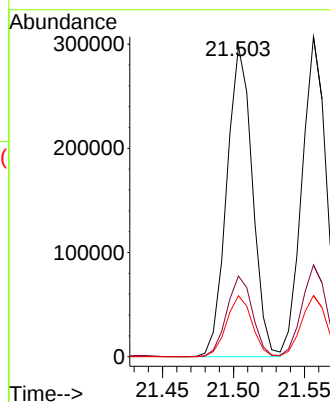
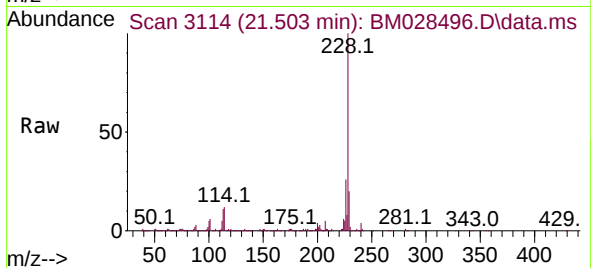
Tgt Ion:228 Resp: 374556

Ion Ratio Lower Upper

228 100

226 26.0 21.1 31.7

229 19.7 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 26.93 ng

RT: 21.433 min Scan# 3102

Delta R.T. -0.012 min

Lab File: BM028496.D

Acq: 21 Jan 2021 19:54

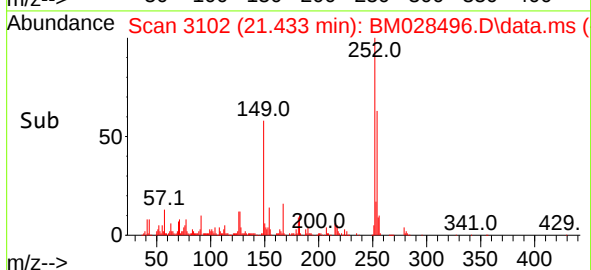
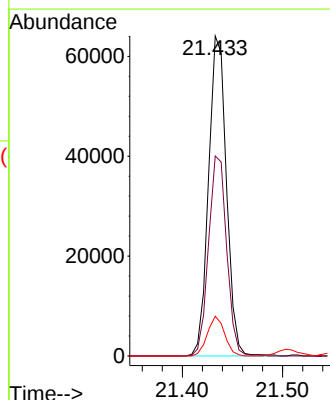
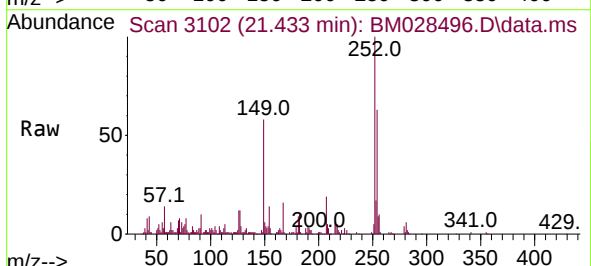
Tgt Ion:252 Resp: 79454

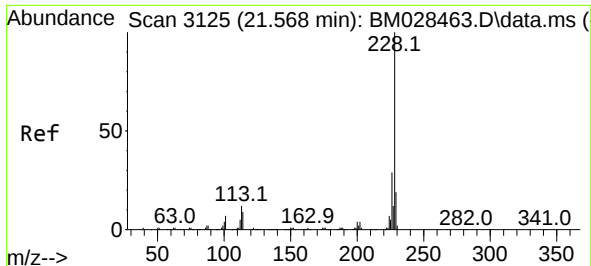
Ion Ratio Lower Upper

252 100

254 62.5 51.4 77.0

126 12.4 6.8 10.2#

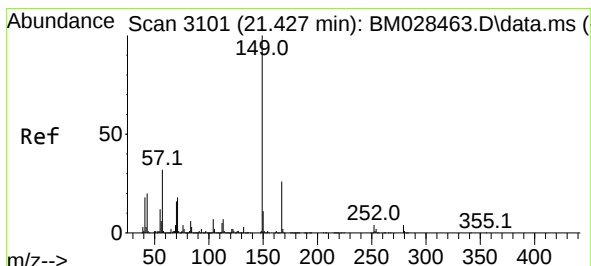
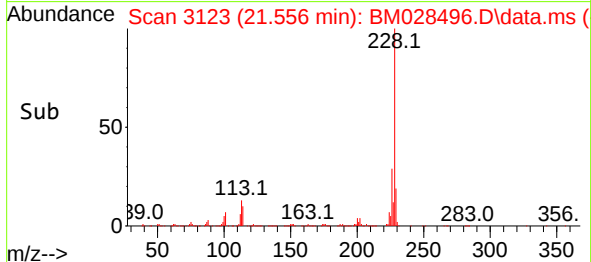
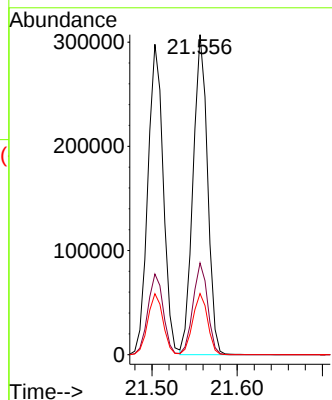
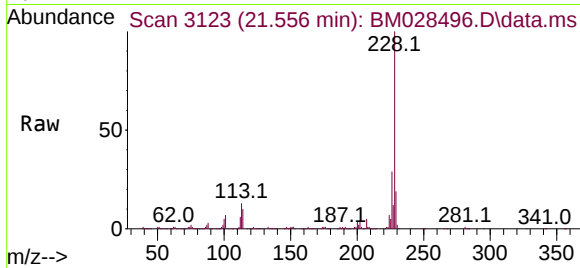




#83  
Chrysene  
Concen: 40.98 ng  
RT: 21.556 min Scan# 3123  
Delta R.T. -0.012 min  
Lab File: BM028496.D  
Acq: 21 Jan 2021 19:54

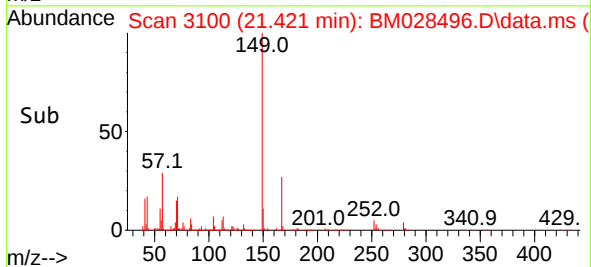
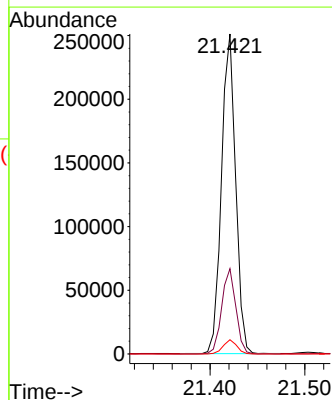
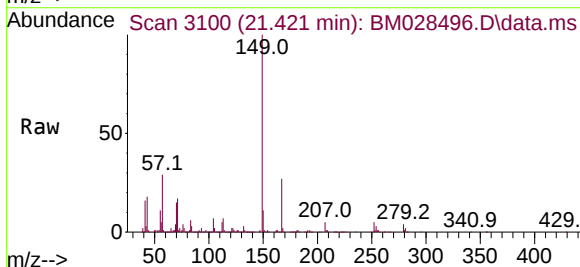
Instrument :  
BNA\_M  
ClientSampleId :  
HS-TP3MSD

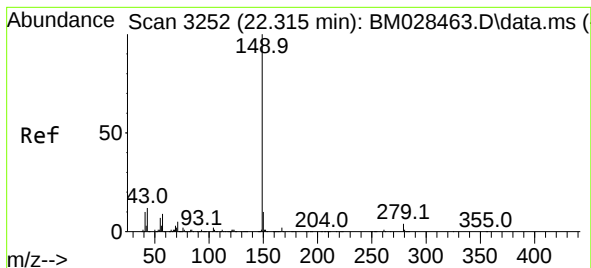
Tgt Ion:228 Resp: 363152  
Ion Ratio Lower Upper  
228 100  
226 28.7 23.4 35.0  
229 19.1 15.7 23.5



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 43.97 ng  
RT: 21.421 min Scan# 3100  
Delta R.T. -0.006 min  
Lab File: BM028496.D  
Acq: 21 Jan 2021 19:54

Tgt Ion:149 Resp: 261275  
Ion Ratio Lower Upper  
149 100  
167 26.6 22.7 34.1  
279 4.5 4.0 6.0

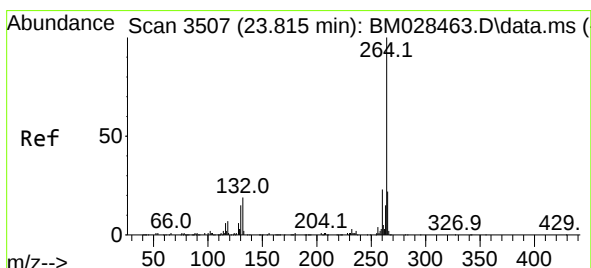
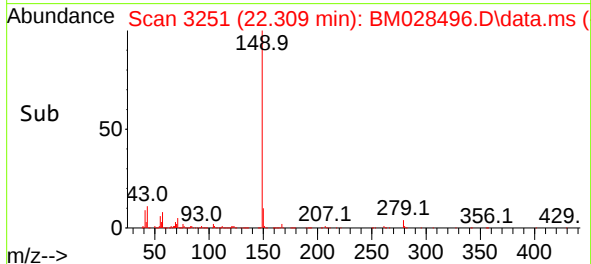
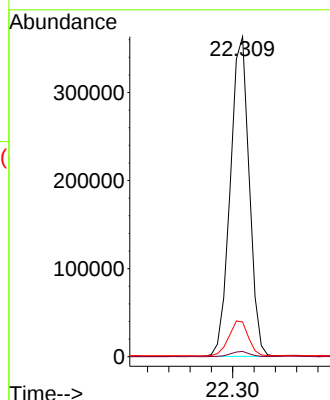
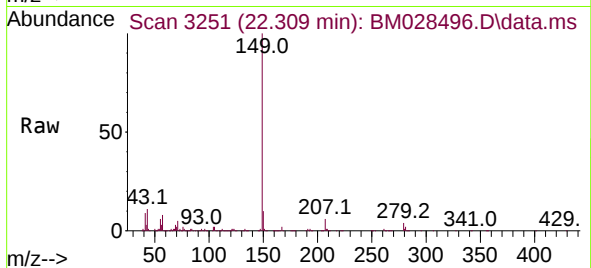




#85  
Di-n-octyl phthalate  
Concen: 44.45 ng  
RT: 22.309 min Scan# 3251  
Delta R.T. -0.006 min  
Lab File: BM028496.D  
Acq: 21 Jan 2021 19:54

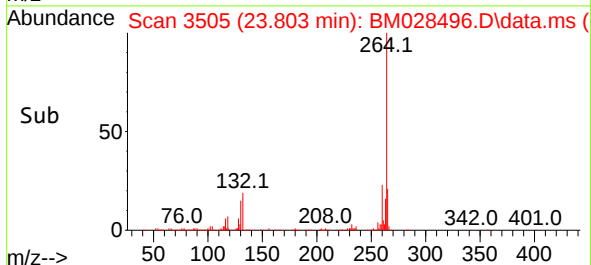
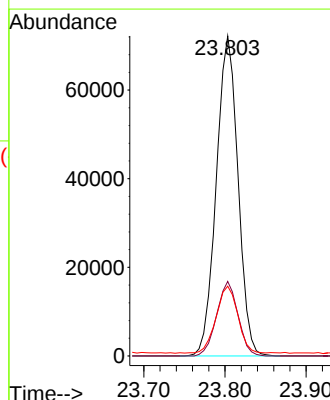
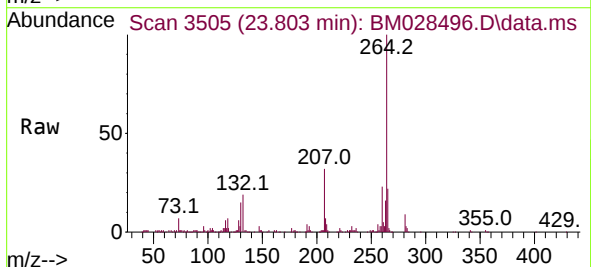
Instrument :  
BNA\_M  
ClientSampleId :  
HS-TP3MSD

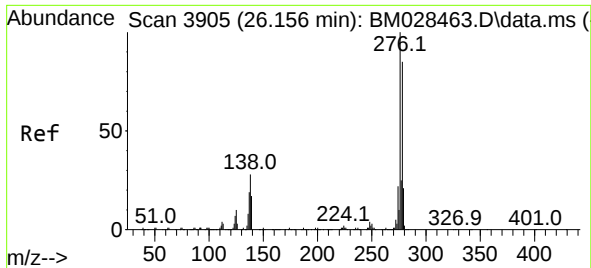
Tgt Ion:149 Resp: 446641  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.3 1.9  
43 11.3 5.8 8.6#



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 23.803 min Scan# 3505  
Delta R.T. -0.012 min  
Lab File: BM028496.D  
Acq: 21 Jan 2021 19:54

Tgt Ion:264 Resp: 134270  
Ion Ratio Lower Upper  
264 100  
260 23.3 19.0 28.4  
265 21.8 17.7 26.5

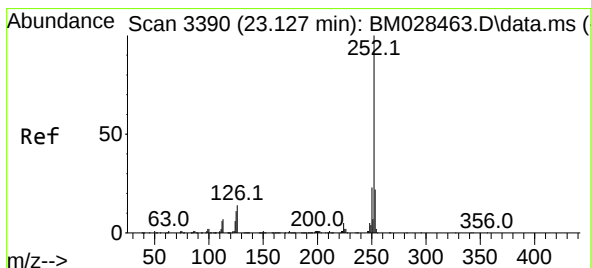
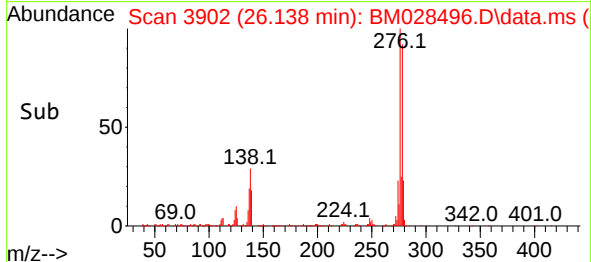
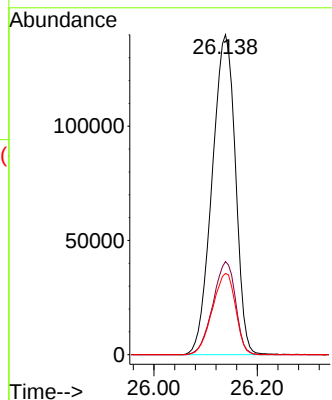
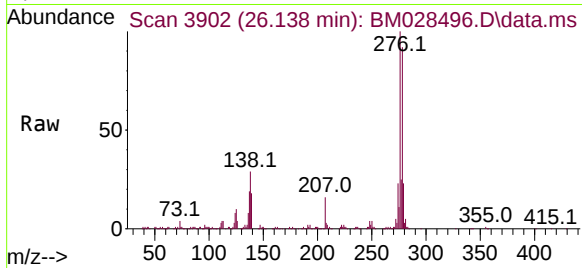




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 43.85 ng  
RT: 26.138 min Scan# 3902  
Delta R.T. -0.018 min  
Lab File: BM028496.D  
Acq: 21 Jan 2021 19:54

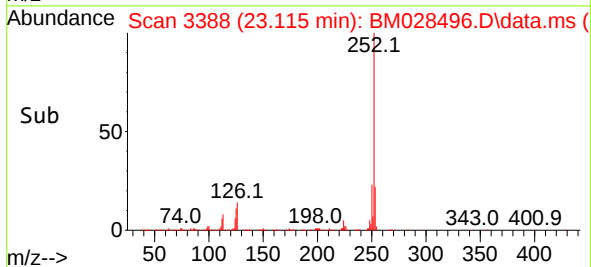
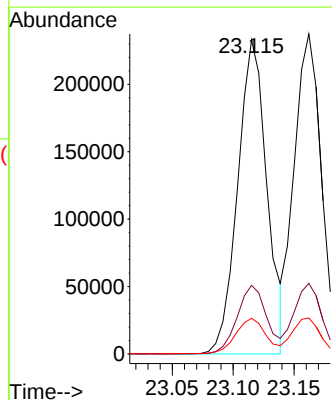
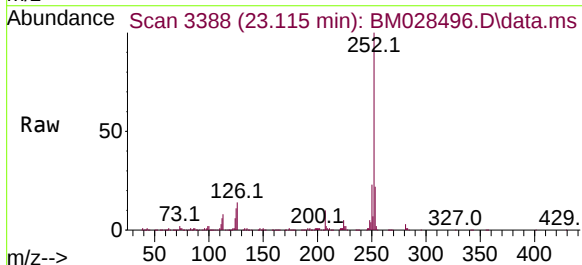
Instrument :  
BNA\_M  
ClientSampleId :  
HS-TP3MSD

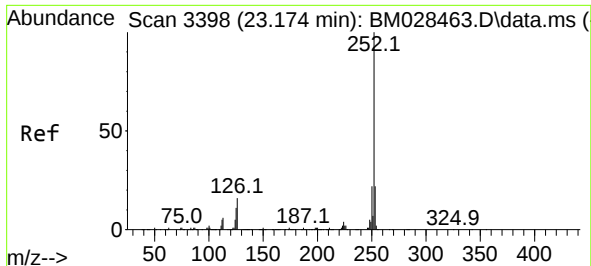
Tgt Ion:276 Resp: 438715  
Ion Ratio Lower Upper  
276 100  
138 28.2 14.2 21.4#  
277 25.3 19.8 29.8



#88  
Benzo(b)fluoranthene  
Concen: 42.73 ng  
RT: 23.115 min Scan# 3388  
Delta R.T. -0.012 min  
Lab File: BM028496.D  
Acq: 21 Jan 2021 19:54

Tgt Ion:252 Resp: 389495  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.4 26.0  
125 11.4 5.7 8.5#

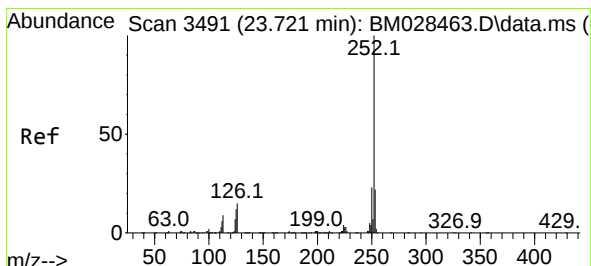
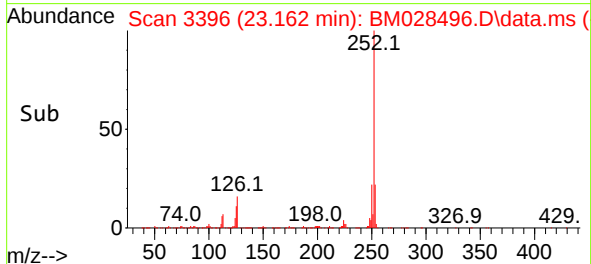
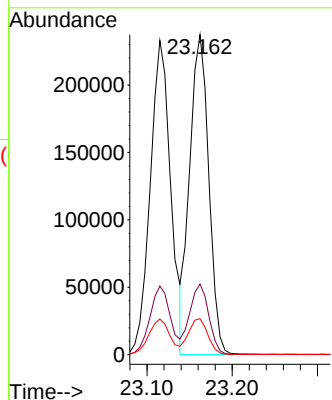
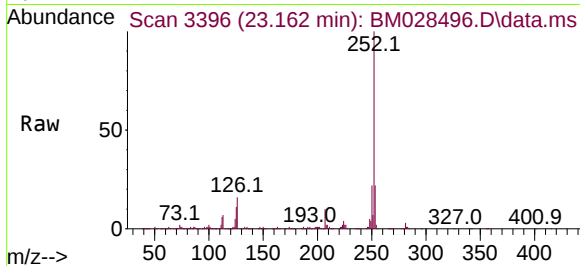




#89  
Benzo(k)fluoranthene  
Concen: 41.53 ng  
RT: 23.162 min Scan# 3396  
Delta R.T. -0.012 min  
Lab File: BM028496.D  
Acq: 21 Jan 2021 19:54

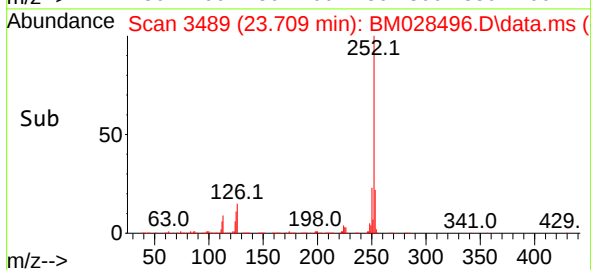
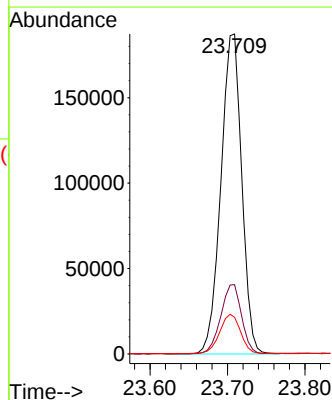
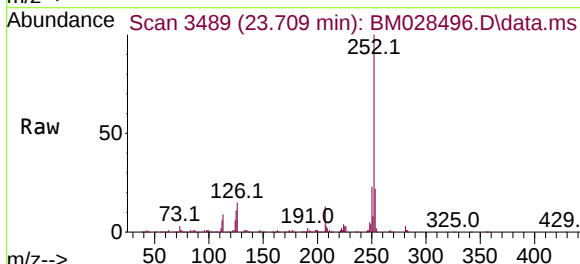
Instrument :  
BNA\_M  
ClientSampleId :  
HS-TP3MSD

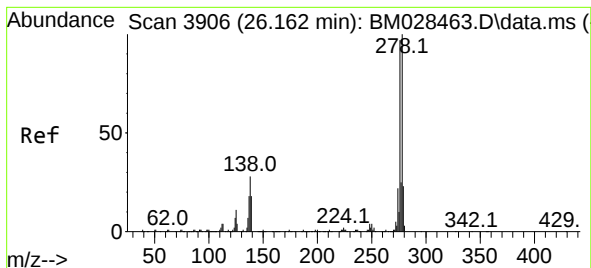
Tgt Ion:252 Resp: 369606  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.4 26.0  
125 11.3 5.6 8.4#



#90  
Benzo(a)pyrene  
Concen: 41.57 ng  
RT: 23.709 min Scan# 3489  
Delta R.T. -0.012 min  
Lab File: BM028496.D  
Acq: 21 Jan 2021 19:54

Tgt Ion:252 Resp: 351115  
Ion Ratio Lower Upper  
252 100  
253 21.7 17.4 26.2  
125 11.5 6.6 9.8#





#91

Dibenzo(a,h)anthracene

Concen: 44.58 ng

RT: 26.144 min Scan# 3903

Delta R.T. -0.018 min

Lab File: BM028496.D

Acq: 21 Jan 2021 19:54

Tgt Ion:278 Resp: 368979

Ion Ratio Lower Upper

278 100

139 18.2 9.0 13.6#

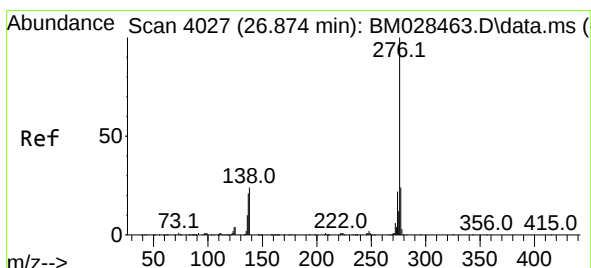
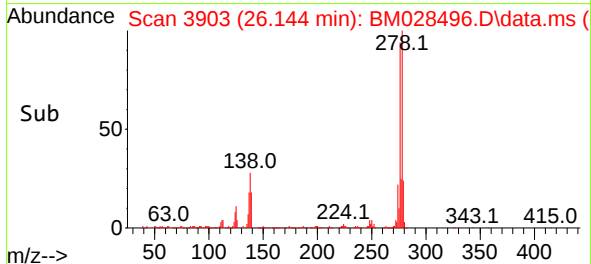
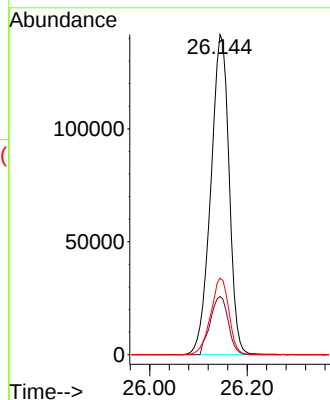
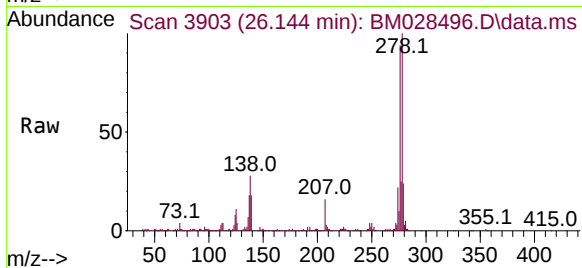
279 23.9 19.0 28.4

Instrument :

BNA\_M

ClientSampleId :

HS-TP3MSD



#92

Benzo(g,h,i)perylene

Concen: 45.23 ng

RT: 26.850 min Scan# 4023

Delta R.T. -0.023 min

Lab File: BM028496.D

Acq: 21 Jan 2021 19:54

Tgt Ion:276 Resp: 368177

Ion Ratio Lower Upper

276 100

277 23.4 18.6 28.0

138 23.6 12.2 18.2#

