

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF082421\  
 Data File : BF125190.D  
 Acq On : 24 Aug 2021 17:50  
 Operator : JU/CG  
 Sample : M3521-03MSD  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 124027MSD

Manual Integrations  
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Quant Time: Aug 25 04:35:23 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF081821.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 24 12:39:21 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.916  | 152  | 146745   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.198  | 136  | 578377   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.957  | 164  | 301097   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.439 | 188  | 495715   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.086 | 240  | 342077   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 15.580 | 264  | 380390   | 20.000  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.539  | 112  | 900071   | 92.838  | ng    | 0.01     |
| 7) Phenol-d6                  | 6.539  | 99   | 1124911  | 89.714  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.481  | 82   | 767578   | 66.813  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.745 | 330  | 335412   | 111.595 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.274  | 172  | 1123579  | 52.009  | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.021 | 244  | 993078   | 46.249  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.769  | 88   | 174623   | 36.501  | ng    | # 100    |
| 3) Pyridine                   | 3.528  | 79   | 394444   | 31.233  | ng    | 90       |
| 4) n-Nitrosodimethylamine     | 3.487  | 42   | 259960   | 41.135  | ng    | # 53     |
| 6) Aniline                    | 6.581  | 93   | 585764   | 39.770  | ng    | # 95     |
| 8) 2-Chlorophenol             | 6.698  | 128  | 411024   | 41.558  | ng    | # 79     |
| 9) Benzaldehyde               | 6.469  | 77   | 304768   | 34.634  | ng    | 94       |
| 10) Phenol                    | 6.557  | 94   | 556817   | 42.405  | ng    | 96       |
| 11) bis(2-Chloroethyl)ether   | 6.651  | 93   | 428412   | 41.426  | ng    | 86       |
| 12) 1,3-Dichlorobenzene       | 6.857  | 146  | 467884   | 40.824  | ng    | 95       |
| 13) 1,4-Dichlorobenzene       | 6.933  | 146  | 479162   | 41.959  | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 7.086  | 146  | 453619   | 42.221  | ng    | 98       |
| 15) Benzyl Alcohol            | 7.057  | 79   | 398572   | 41.285  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.192  | 45   | 875460   | 42.212  | ng    | 98       |
| 17) 2-Methylphenol            | 7.163  | 107  | 345121   | 41.540  | ng    | # 94     |
| 18) Hexachloroethane          | 7.428  | 117  | 176932   | 44.245  | ng    | 89       |
| 19) n-Nitroso-di-n-propyla... | 7.328  | 70   | 315793   | 41.872  | ng    | # 81     |
| 20) 3+4-Methylphenols         | 7.316  | 107  | 419434   | 40.218  | ng    | 91       |
| 22) Acetophenone              | 7.328  | 105  | 605721   | 40.693  | ng    | # 95     |
| 24) Nitrobenzene              | 7.498  | 77   | 493552   | 39.426  | ng    | # 87     |
| 25) Isophorone                | 7.739  | 82   | 876418   | 39.545  | ng    | # 90     |
| 26) 2-Nitrophenol             | 7.816  | 139  | 224881   | 44.989  | ng    | # 84     |
| 27) 2,4-Dimethylphenol        | 7.845  | 122  | 378908   | 43.300  | ng    | 87       |
| 28) bis(2-Chloroethoxy)met... | 7.945  | 93   | 531902   | 43.346  | ng    | # 97     |
| 29) 2,4-Dichlorophenol        | 8.057  | 162  | 362462   | 40.615  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 8.139  | 180  | 395985   | 40.690  | ng    | 97       |
| 31) Naphthalene               | 8.222  | 128  | 1145047  | 38.657  | ng    | 99       |
| 32) Benzoic acid              | 7.963  | 122  | 246547   | 41.510  | ng    | # 86     |
| 33) 4-Chloroaniline           | 8.263  | 127  | 308666   | 26.433  | ng    | # 88     |
| 34) Hexachlorobutadiene       | 8.339  | 225  | 267357   | 43.085  | ng    | 99       |
| 35) Caprolactam               | 8.633  | 113  | 111473m  | 48.224  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.745  | 107  | 388984   | 42.695  | ng    | 92       |
| 37) 2-Methylnaphthalene       | 8.910  | 142  | 799831   | 40.863  | ng    | 100      |
| 38) 1-Methylnaphthalene       | 9.010  | 142  | 738853   | 40.423  | ng    | 95       |
| 40) 1,2,4,5-Tetrachloroben... | 9.080  | 216  | 404057   | 41.074  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 9.063  | 237  | 475825   | 92.064  | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.186  | 196  | 279619   | 40.369  | ng    | 97       |

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Quant Time: Aug 25 04:35:23 2021  
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 QLast Update : Tue Aug 24 12:39:21 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.227  | 196  | 294888   | 40.466 | ng    | # 91     |
| 46) 1,1'-Biphenyl             | 9.374  | 154  | 937117   | 38.605 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.398  | 162  | 763643   | 38.712 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.492  | 65   | 269648   | 44.097 | ng    | # 79     |
| 49) Acenaphthylene            | 9.816  | 152  | 1134254  | 39.459 | ng    | 97       |
| 50) Dimethylphthalate         | 9.674  | 163  | 909084   | 43.568 | ng    | # 98     |
| 51) 2,6-Dinitrotoluene        | 9.733  | 165  | 196234   | 43.372 | ng    | # 78     |
| 52) Acenaphthene              | 9.992  | 154  | 773524   | 43.408 | ng    | 98       |
| 53) 3-Nitroaniline            | 9.904  | 138  | 136772   | 28.032 | ng    | # 75     |
| 54) 2,4-Dinitrophenol         | 10.010 | 184  | 173599   | 97.137 | ng    | # 85     |
| 55) Dibenzofuran              | 10.163 | 168  | 990081   | 38.606 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.063 | 139  | 295323   | 76.433 | ng    | # 79     |
| 57) 2,4-Dinitrotoluene        | 10.139 | 165  | 249358   | 45.537 | ng    | # 96     |
| 58) Fluorene                  | 10.504 | 166  | 763482   | 40.268 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.274 | 232  | 238675   | 44.134 | ng    | # 84     |
| 60) Diethylphthalate          | 10.374 | 149  | 901159   | 44.301 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 10.492 | 204  | 406100   | 42.362 | ng    | 91       |
| 62) 4-Nitroaniline            | 10.521 | 138  | 182061   | 41.495 | ng    | 87       |
| 63) Azobenzene                | 10.651 | 77   | 898096   | 39.362 | ng    | 92       |
| 65) 4,6-Dinitro-2-methylph... | 10.545 | 198  | 117537   | 44.799 | ng    | 92       |
| 66) n-Nitrosodiphenylamine    | 10.616 | 169  | 746516   | 42.058 | ng    | 96       |
| 67) 4-Bromophenyl-phenylether | 10.986 | 248  | 267213   | 44.890 | ng    | 91       |
| 68) Hexachlorobenzene         | 11.051 | 284  | 275268   | 44.951 | ng    | # 85     |
| 69) Atrazine                  | 11.139 | 200  | 243069   | 47.723 | ng    | 92       |
| 70) Pentachlorophenol         | 11.245 | 266  | 305280   | 85.378 | ng    | 91       |
| 71) Phenanthrene              | 11.468 | 178  | 1105262  | 40.465 | ng    | 98       |
| 72) Anthracene                | 11.521 | 178  | 1116318  | 41.464 | ng    | 99       |
| 73) Carbazole                 | 11.668 | 167  | 939327   | 38.180 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.998 | 149  | 1314085  | 45.010 | ng    | 100      |
| 75) Fluoranthene              | 12.657 | 202  | 1076360  | 39.715 | ng    | 97       |
| 77) Benzidine                 | 12.774 | 184  | 816988   | 68.385 | ng    | 97       |
| 78) Pyrene                    | 12.886 | 202  | 1072072  | 36.535 | ng    | 96       |
| 80) Butylbenzylphthalate      | 13.498 | 149  | 474705   | 41.171 | ng    | 87       |
| 81) Benzo(a)anthracene        | 14.074 | 228  | 976578   | 39.623 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 14.033 | 252  | 267280   | 34.984 | ng    | # 98     |
| 83) Chrysene                  | 14.109 | 228  | 966981   | 39.672 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 14.057 | 149  | 713989   | 45.055 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.674 | 149  | 1204115  | 45.685 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.103 | 276  | 1234206  | 45.037 | ng    | # 89     |
| 88) Benzo(b)fluoranthene      | 15.139 | 252  | 1131617  | 40.720 | ng    | # 95     |
| 89) Benzo(k)fluoranthene      | 15.174 | 252  | 950502   | 36.653 | ng    | 98       |
| 90) Benzo(a)pyrene            | 15.521 | 252  | 1046196  | 42.618 | ng    | # 95     |
| 91) Dibenzo(a,h)anthracene    | 17.121 | 278  | 1025622  | 43.297 | ng    | # 94     |
| 92) Benzo(g,h,i)perylene      | 17.562 | 276  | 1019493  | 44.636 | ng    | # 89     |

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

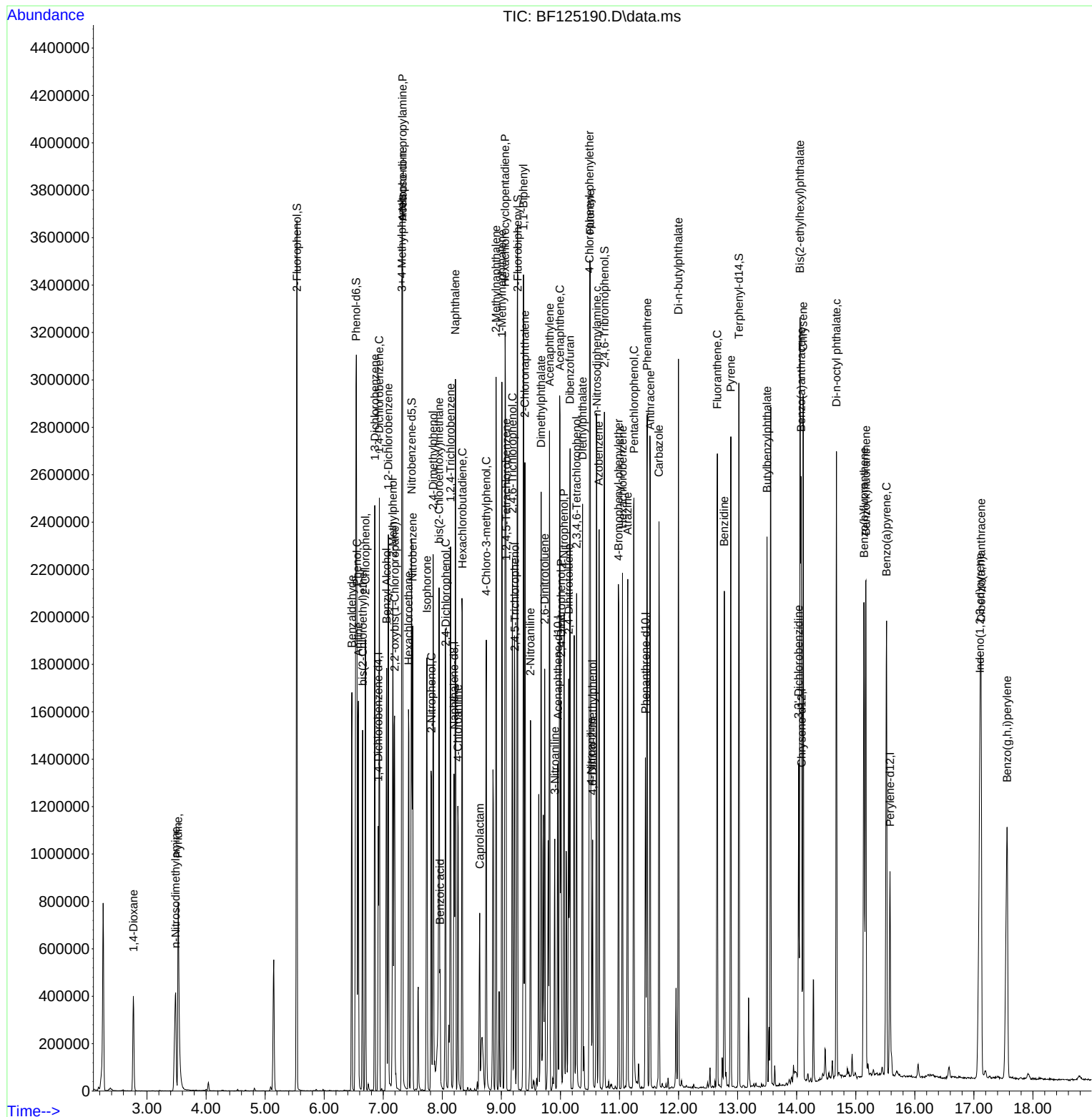
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 ALS Vial : 13 Sample Multiplier: 1

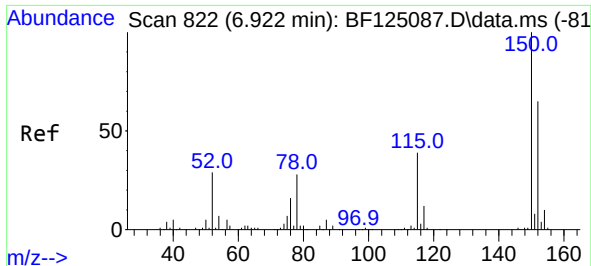
Instrument :  
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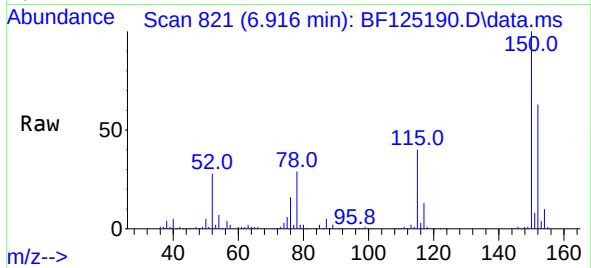
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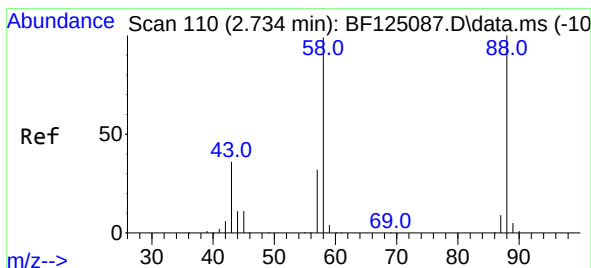
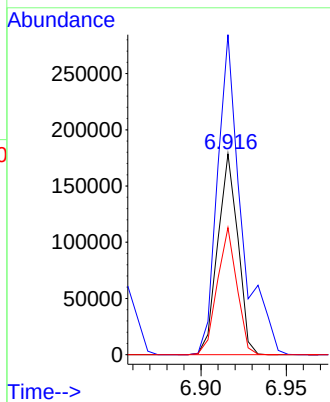
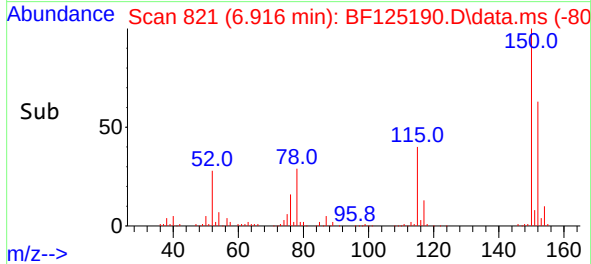




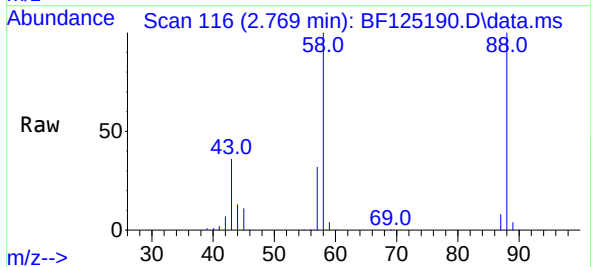
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1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.916 min Scan# 821  
Delta R.T. -0.000 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50



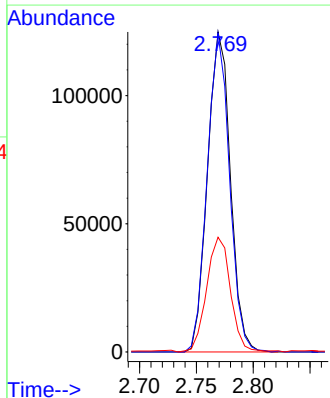
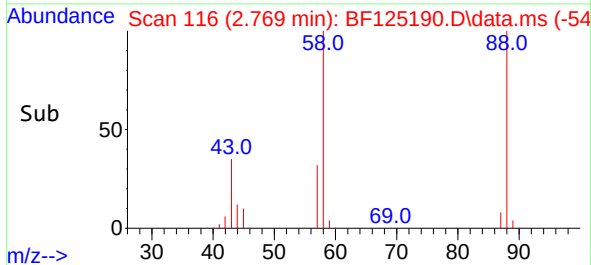
Tgt Ion:152 Resp: 146745  
Ion Ratio Lower Upper  
152 100  
150 159.4 117.6 176.4  
115 63.3 47.1 70.7



#2  
1,4-Dioxane  
Concen: 36.501 ng  
RT: 2.769 min Scan# 116  
Delta R.T. 0.065 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50



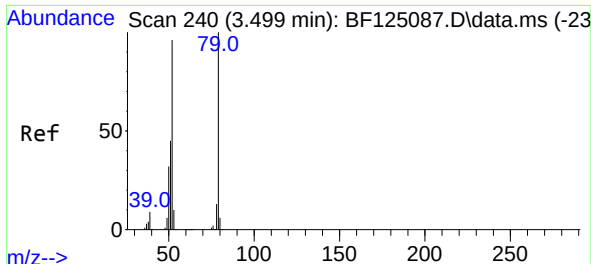
Tgt Ion: 88 Resp: 174623  
Ion Ratio Lower Upper  
88 100  
58 97.3 0.0 0.0#  
43 37.5 0.0 0.0#



Instrument :  
BNA\_F  
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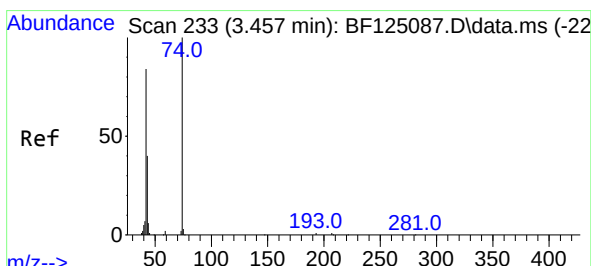
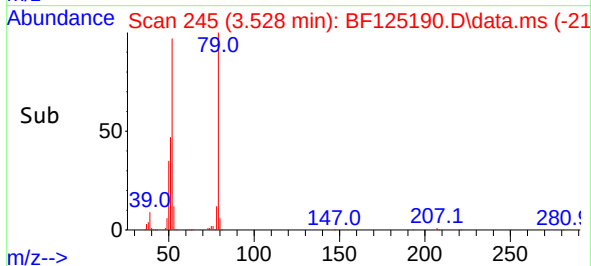
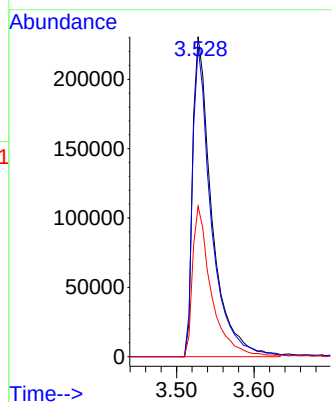
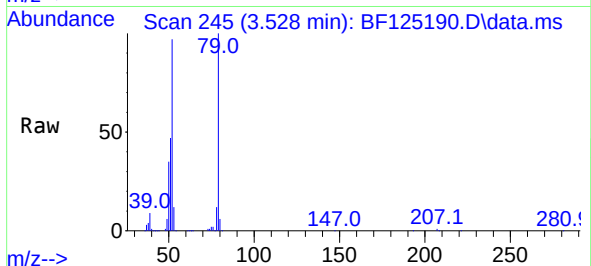
#3  
Pyridine  
Concen: 31.233 ng  
RT: 3.528 min Scan# 245  
Delta R.T. 0.053 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50

Tgt Ion: 79 Resp: 394444  
Ion Ratio Lower Upper  
79 100  
52 96.8 70.3 105.5  
51 47.0 44.1 66.1

Instrument :  
BNA\_F  
ClientSampleId :  
124027MSD

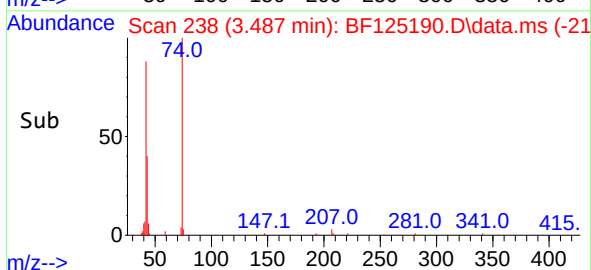
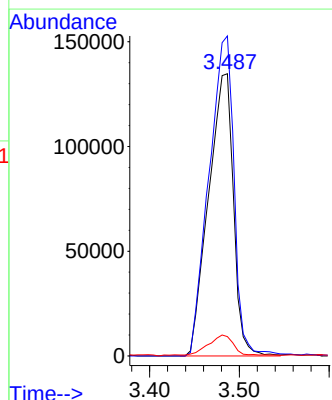
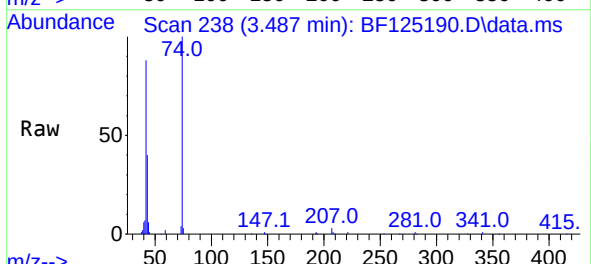
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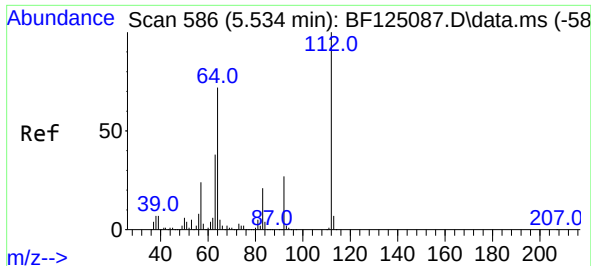
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#4  
n-Nitrosodimethylamine  
Concen: 41.135 ng  
RT: 3.487 min Scan# 238  
Delta R.T. 0.059 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50

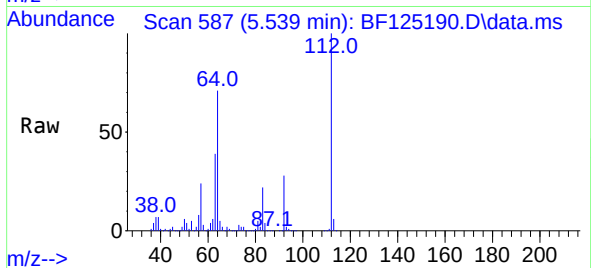
Tgt Ion: 42 Resp: 259960  
Ion Ratio Lower Upper  
42 100  
74 113.4 59.0 88.6#  
44 6.9 0.0 0.0#





#5  
2-Fluorophenol  
Concen: 92.838 ng  
RT: 5.539 min Scan# 587  
Delta R.T. 0.012 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50

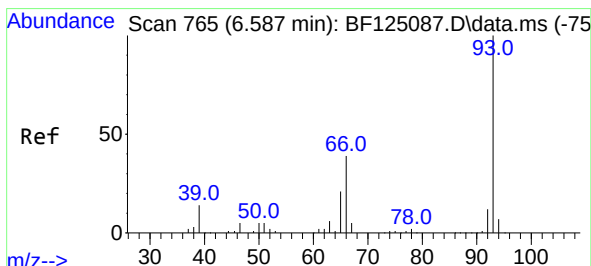
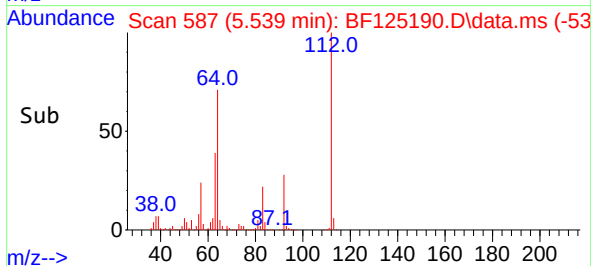
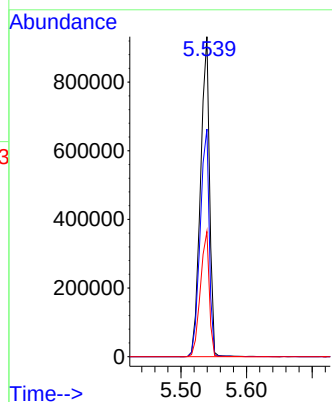
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Tgt Ion:112 Resp: 900071  
Ion Ratio Lower Upper  
112 100  
64 71.1 44.2 66.2#  
63 39.1 26.2 39.2

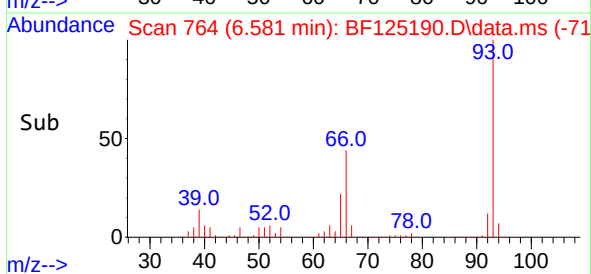
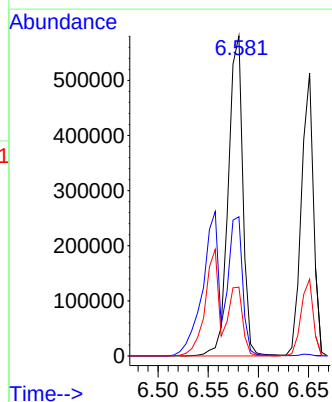
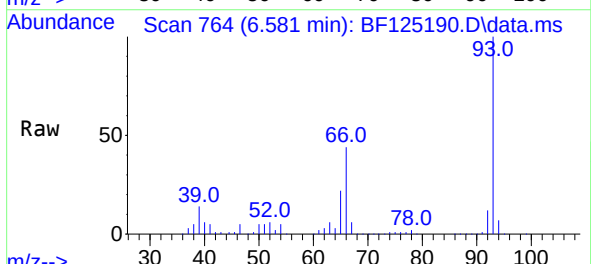
Manual Integrations  
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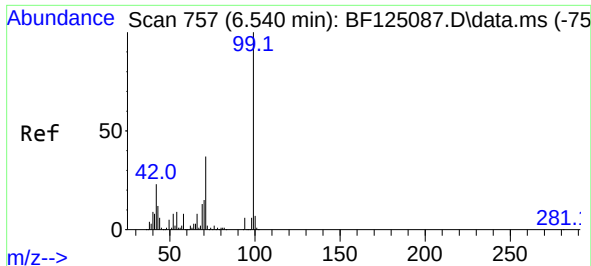
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#6  
Aniline  
Concen: 39.770 ng  
RT: 6.581 min Scan# 764  
Delta R.T. -0.000 min  
Lab File: BF125190.D  
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Tgt Ion: 93 Resp: 585764  
Ion Ratio Lower Upper  
93 100  
66 43.5 32.7 49.1  
65 21.5 14.2 21.4#





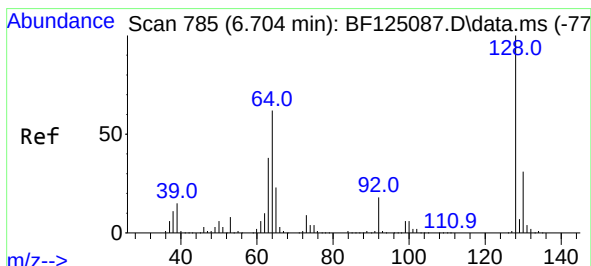
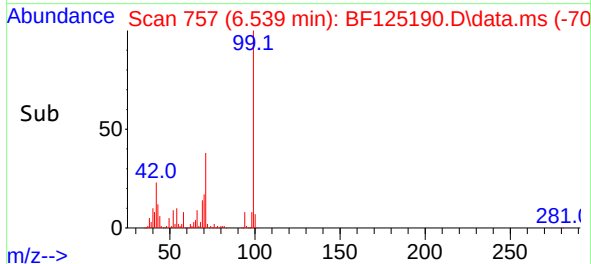
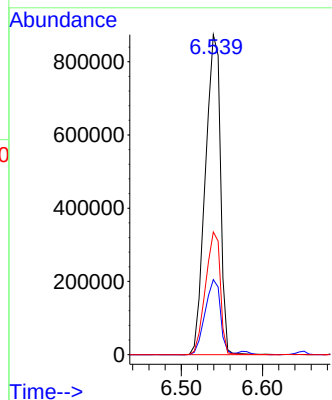
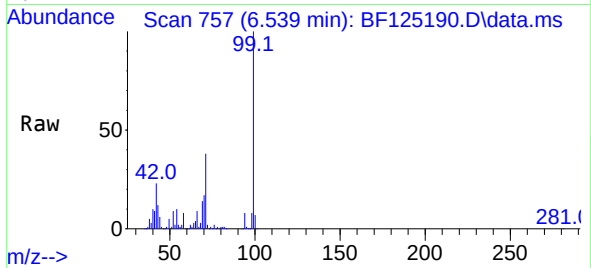
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Phenol-d6  
Concen: 89.714 ng  
RT: 6.539 min Scan# 757  
Delta R.T. -0.000 min  
Lab File: BF125190.D  
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ClientSampled :  
124027MSD

Tgt Ion: 99 Resp: 1124911  
Ion Ratio Lower Upper  
99 100  
42 23.5 23.5 35.3#  
71 38.4 25.6 38.4

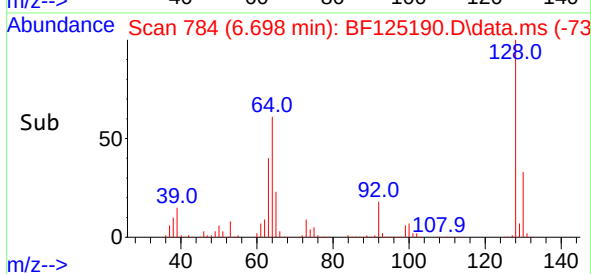
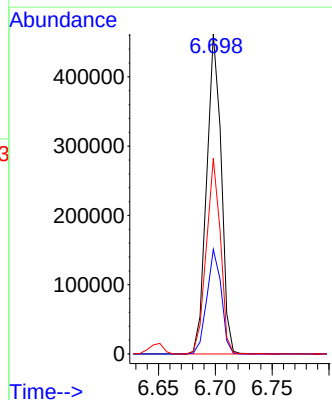
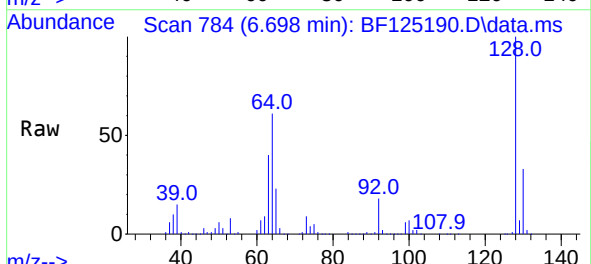
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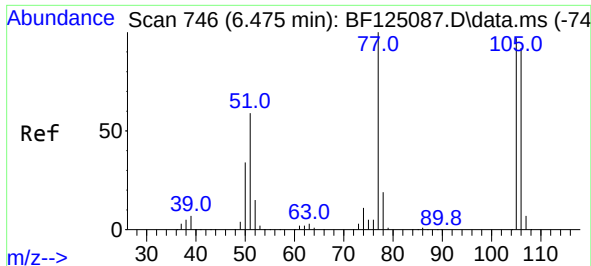
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#8  
2-Chlorophenol  
Concen: 41.558 ng  
RT: 6.698 min Scan# 784  
Delta R.T. -0.000 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50

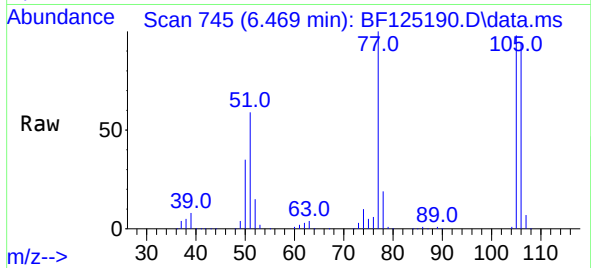
Tgt Ion: 128 Resp: 411024  
Ion Ratio Lower Upper  
128 100  
130 32.6 10.5 50.5  
64 61.1 20.3 60.3#





#9  
Benzaldehyde  
Concen: 34.634 ng  
RT: 6.469 min Scan# 745  
Delta R.T. -0.000 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50

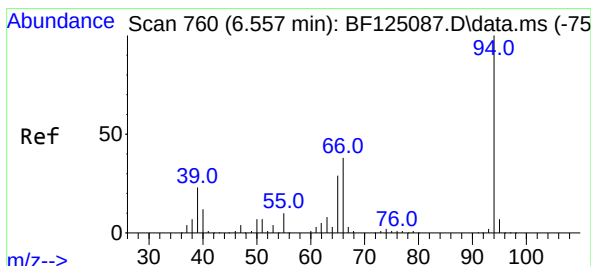
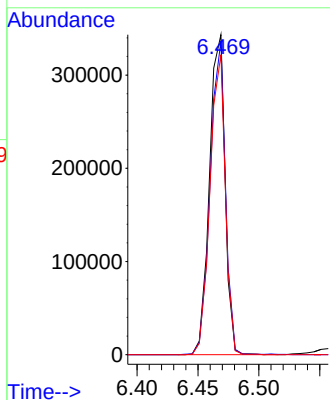
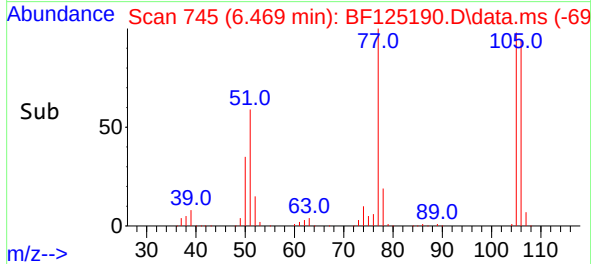
Instrument :  
BNA\_F  
ClientSampleId :  
124027MSD



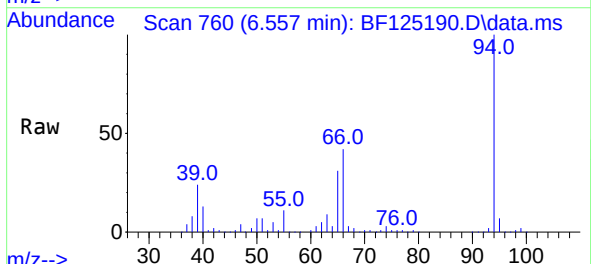
Tgt Ion: 77 Resp: 304768  
Ion Ratio Lower Upper  
77 100  
105 98.1 75.9 115.9  
106 93.8 84.0 124.0

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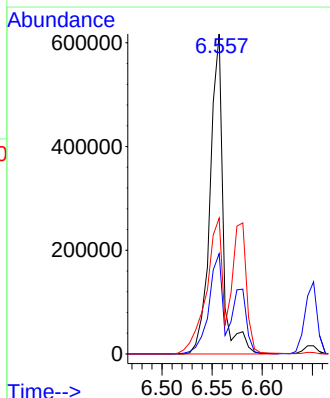
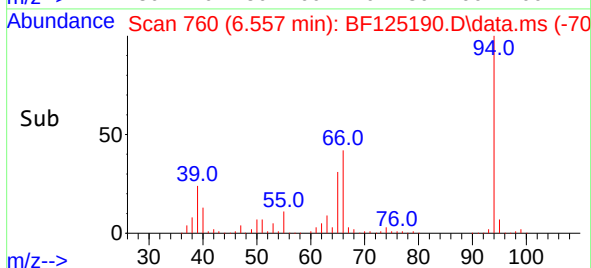
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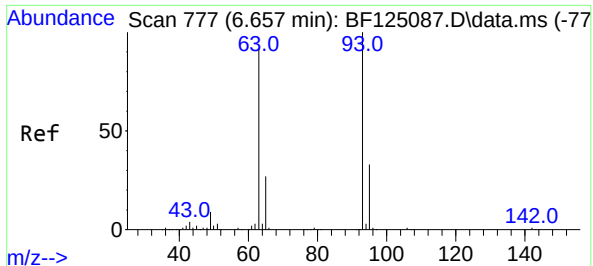
#10  
Phenol  
Concen: 42.405 ng  
RT: 6.557 min Scan# 760  
Delta R.T. 0.006 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50



Tgt Ion: 94 Resp: 556817  
Ion Ratio Lower Upper  
94 100  
65 31.4 9.3 49.3  
66 42.5 20.3 60.3

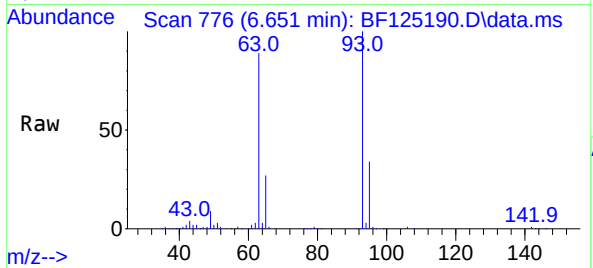






#11  
bis(2-Chloroethyl)ether  
Concen: 41.426 ng  
RT: 6.651 min Scan# 776  
Delta R.T. -0.000 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50

Instrument :  
BNA\_F  
ClientSampled :  
124027MSD

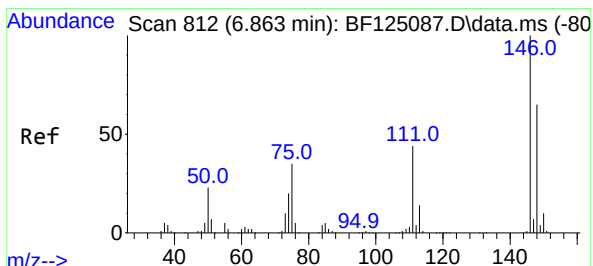
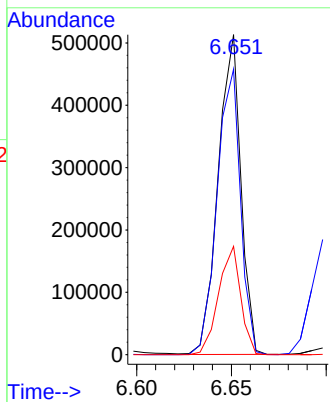
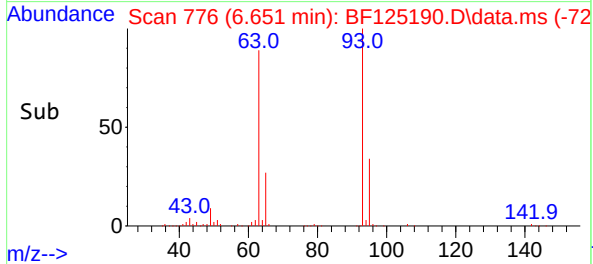


Tgt Ion: 93 Resp: 428412

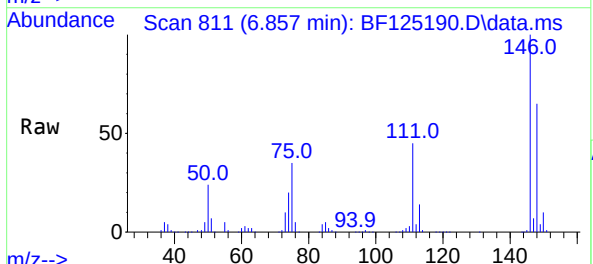
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 63  | 89.2  | 54.4  | 94.4  |
| 95  | 33.9  | 11.4  | 51.4  |

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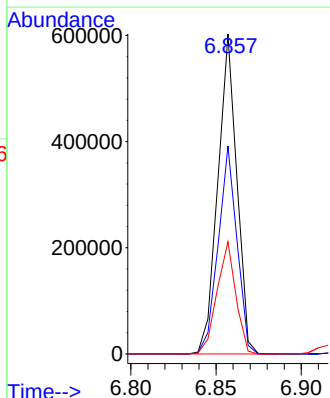
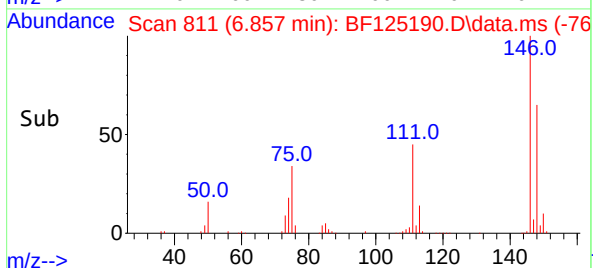


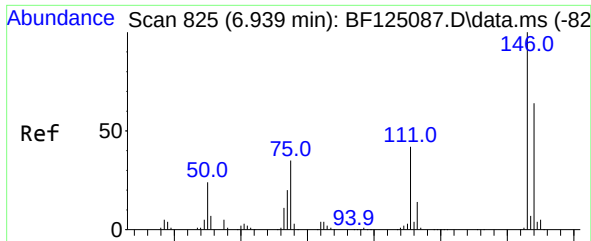
#12  
1,3-Dichlorobenzene  
Concen: 40.824 ng  
RT: 6.857 min Scan# 811  
Delta R.T. -0.000 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50



Tgt Ion: 146 Resp: 467884

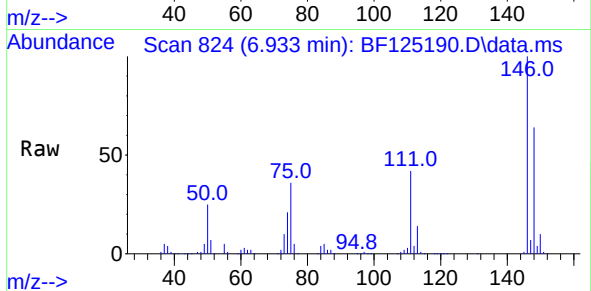
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 148 | 65.0  | 49.7  | 74.5  |
| 75  | 35.1  | 25.2  | 37.8  |





#13  
1,4-Dichlorobenzene  
Concen: 41.959 ng  
RT: 6.933 min Scan# 824  
Delta R.T. -0.000 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50

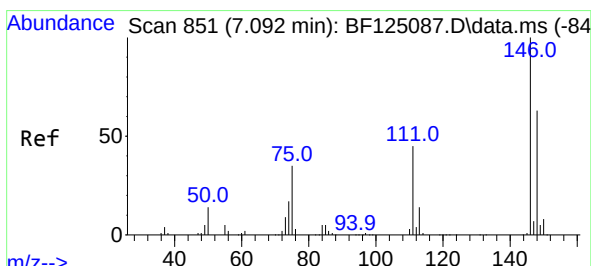
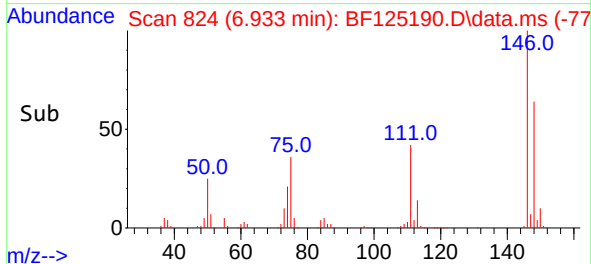
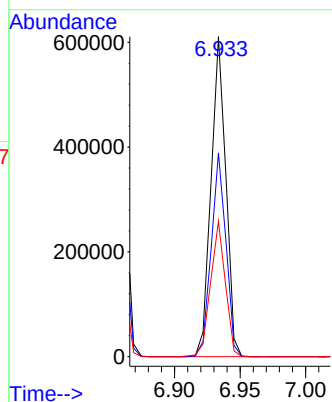
Instrument :  
BNA\_F  
ClientSampled :  
124027MSD



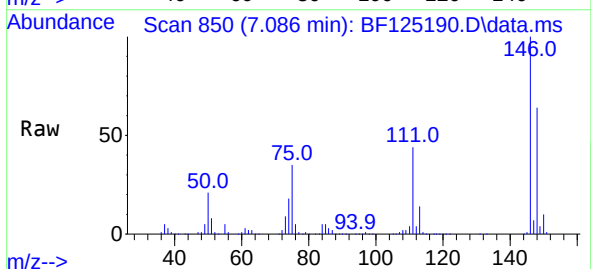
Tgt Ion:146 Resp: 479162  
Ion Ratio Lower Upper  
146 100  
148 63.7 51.9 77.9  
111 42.3 31.8 47.6

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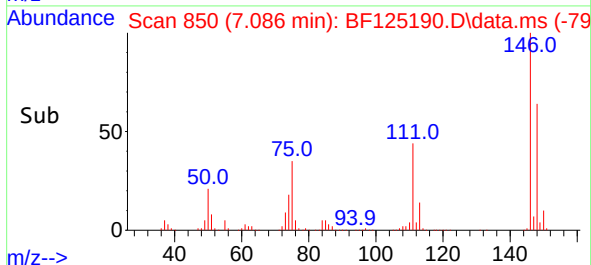
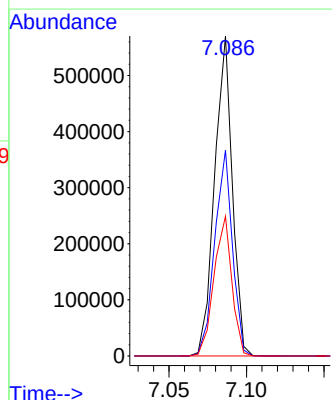
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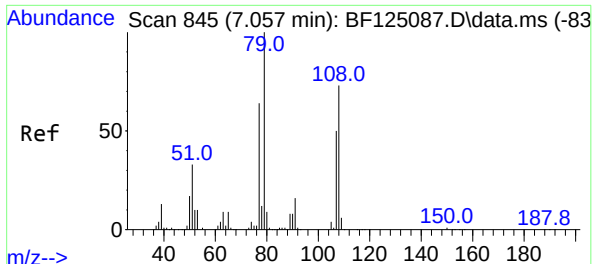


#14  
1,2-Dichlorobenzene  
Concen: 42.221 ng  
RT: 7.086 min Scan# 850  
Delta R.T. -0.000 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50



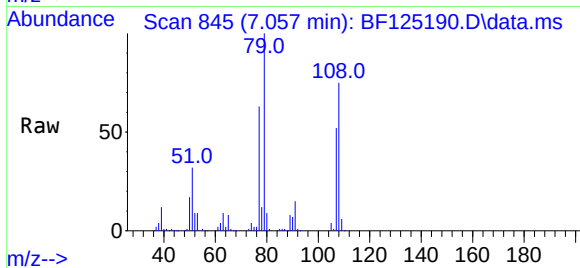
Tgt Ion:146 Resp: 453619  
Ion Ratio Lower Upper  
146 100  
148 64.4 50.6 75.8  
111 43.7 33.5 50.3





#15  
Benzyl Alcohol  
Concen: 41.285 ng  
RT: 7.057 min Scan# 845  
Delta R.T. 0.006 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50

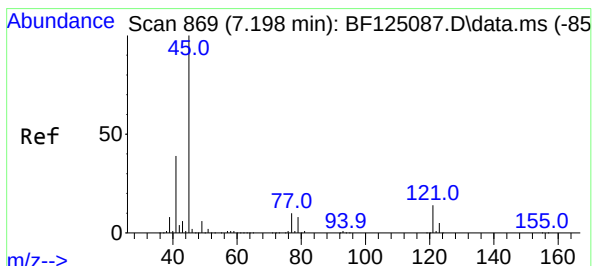
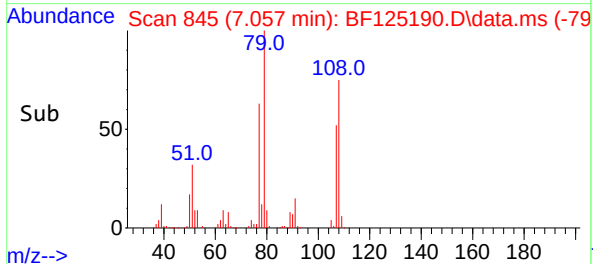
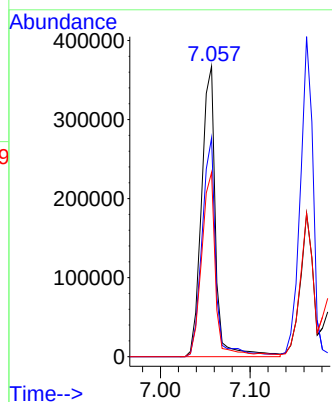
Instrument :  
BNA\_F  
ClientSampled :  
124027MSD



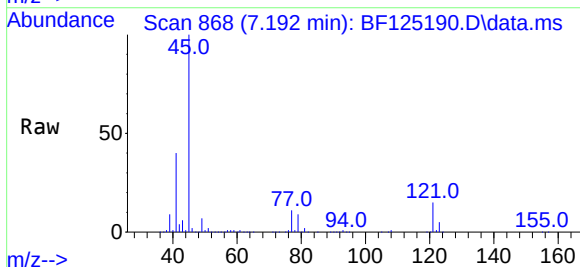
Tgt Ion: 79 Resp: 398572  
Ion Ratio Lower Upper  
79 100  
108 75.3 60.4 90.6  
77 63.4 51.5 77.3

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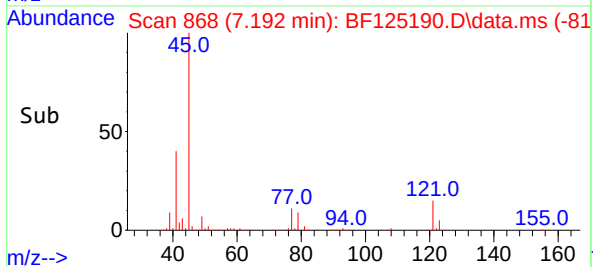
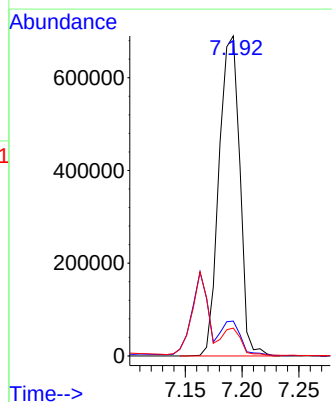
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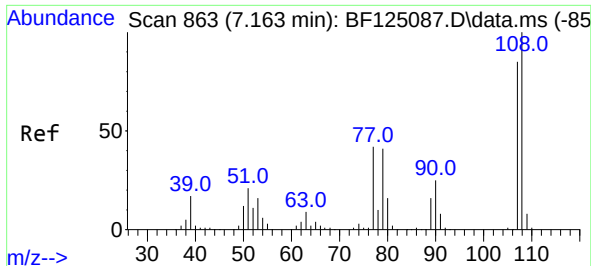


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 42.212 ng  
RT: 7.192 min Scan# 868  
Delta R.T. -0.000 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50

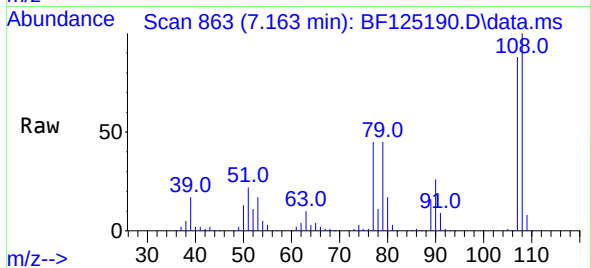


Tgt Ion: 45 Resp: 875460  
Ion Ratio Lower Upper  
45 100  
77 10.9 0.0 30.6  
79 8.7 0.0 27.5

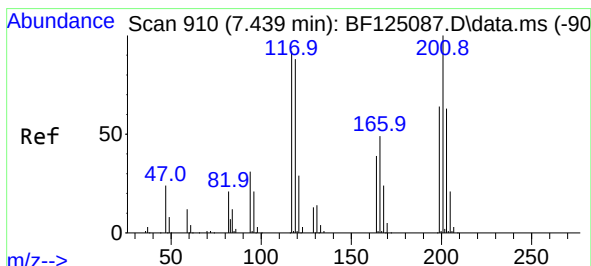
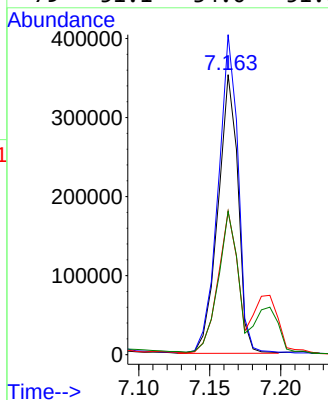
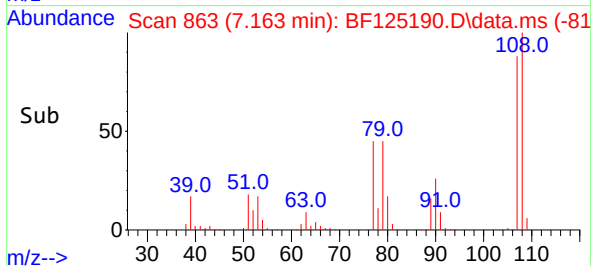




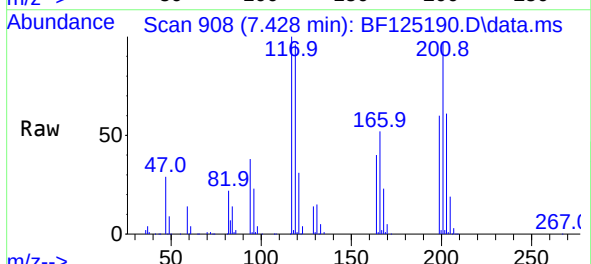
#17  
2-Methylphenol  
Concen: 41.540 ng  
RT: 7.163 min Scan# 863  
Delta R.T. -0.000 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50



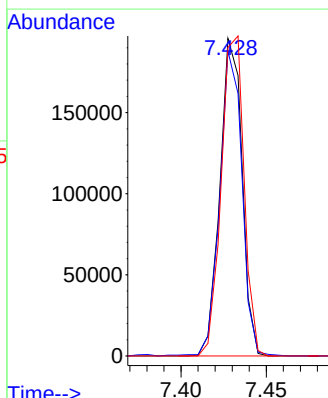
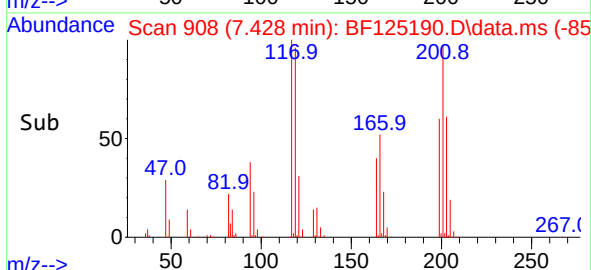
Tgt Ion:107 Resp: 345121  
Ion Ratio Lower Upper  
107 100  
108 114.3 90.6 135.8  
77 51.2 35.7 53.5  
79 51.1 34.0 51.0#



#18  
Hexachloroethane  
Concen: 44.245 ng  
RT: 7.428 min Scan# 908  
Delta R.T. -0.006 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50



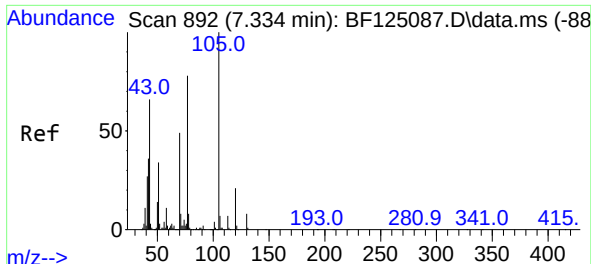
Tgt Ion:117 Resp: 176932  
Ion Ratio Lower Upper  
117 100  
119 96.0 73.4 110.2  
201 97.2 64.9 97.3



Instrument :  
BNA\_F  
ClientSampleId :  
124027MSD

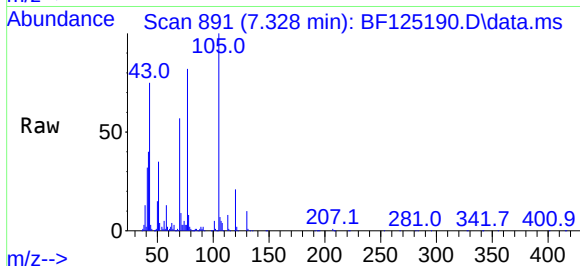
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#19  
n-Nitroso-di-n-propylamine  
Concen: 41.872 ng  
RT: 7.328 min Scan# 891  
Delta R.T. -0.000 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50

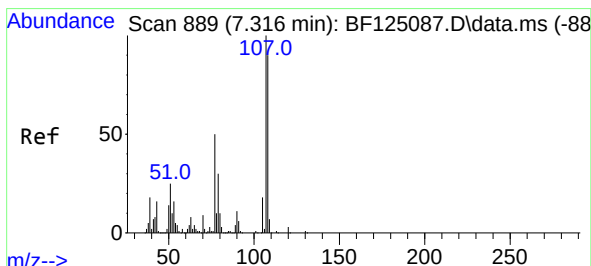
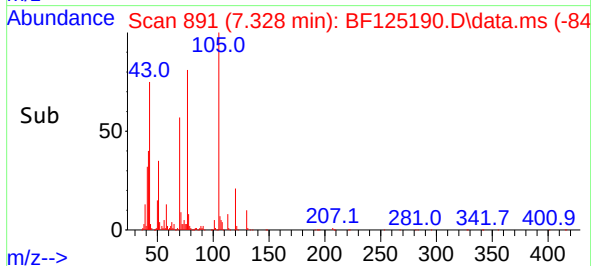
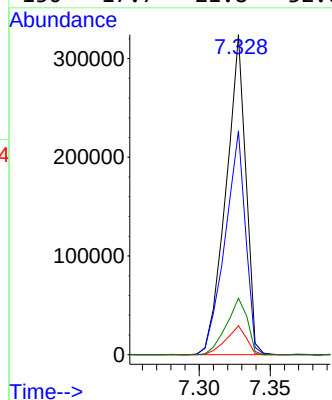
Instrument :  
BNA\_F  
ClientSampleID :  
124027MSD



Tgt Ion: 70 Resp: 315793  
Ion Ratio Lower Upper  
70 100  
42 70.0 72.2 108.2#  
101 9.0 7.8 11.8  
130 17.7 21.8 32.6#

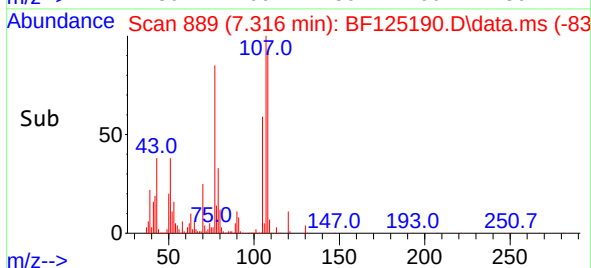
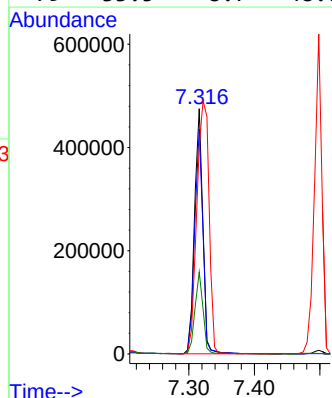
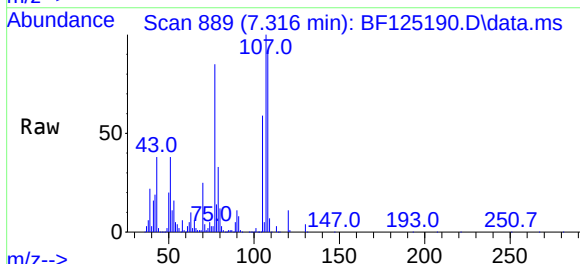
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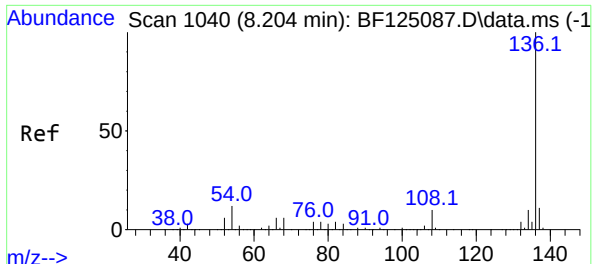
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#20  
3+4-Methylphenols  
Concen: 40.218 ng  
RT: 7.316 min Scan# 889  
Delta R.T. -0.000 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50

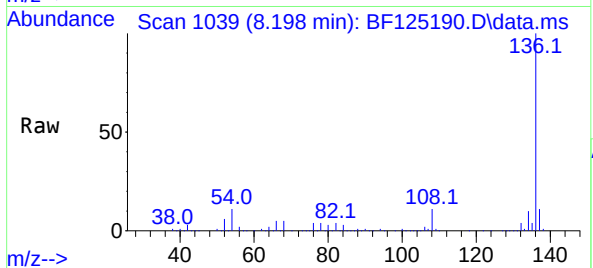
Tgt Ion: 107 Resp: 419434  
Ion Ratio Lower Upper  
107 100  
108 91.6 76.6 116.6  
77 84.8 53.3 93.3  
79 33.5 8.7 48.7





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.198 min Scan# 1039  
Delta R.T. -0.000 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50

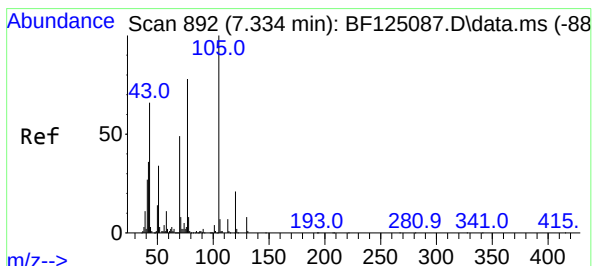
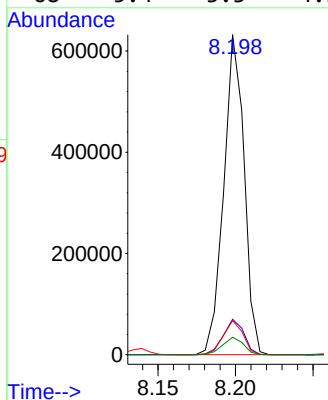
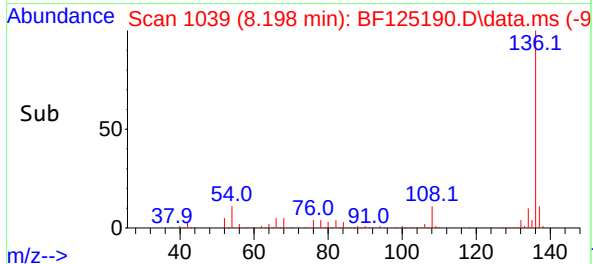
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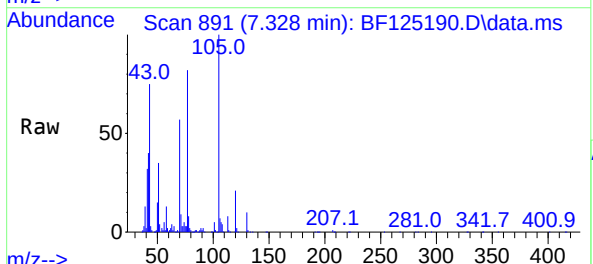
Tgt Ion:136 Resp: 578377  
Ion Ratio Lower Upper  
136 100  
137 11.1 9.8 14.6  
54 10.6 6.4 9.6#  
68 5.4 3.3 4.9#

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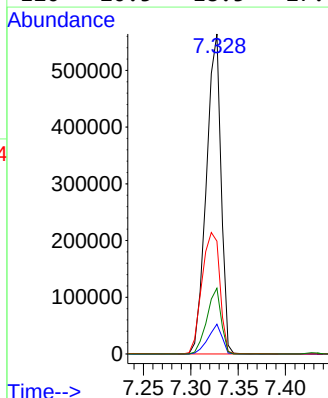
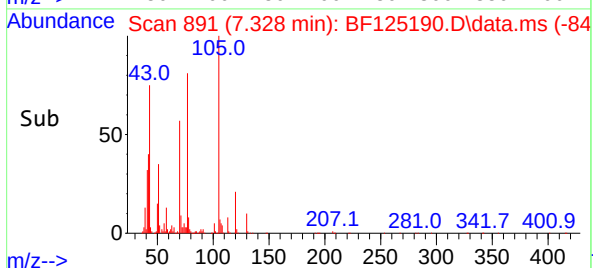
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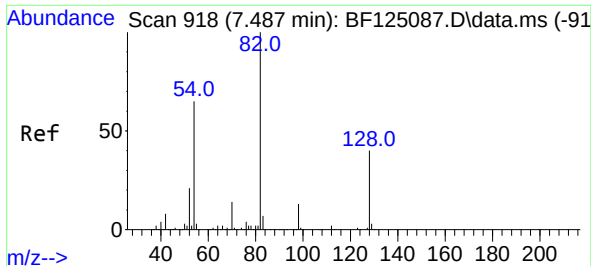


#22  
Acetophenone  
Concen: 40.693 ng  
RT: 7.328 min Scan# 891  
Delta R.T. -0.000 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50



Tgt Ion:105 Resp: 605721  
Ion Ratio Lower Upper  
105 100  
71 9.3 5.5 8.3#  
51 35.2 26.0 39.0  
120 20.5 18.5 27.7





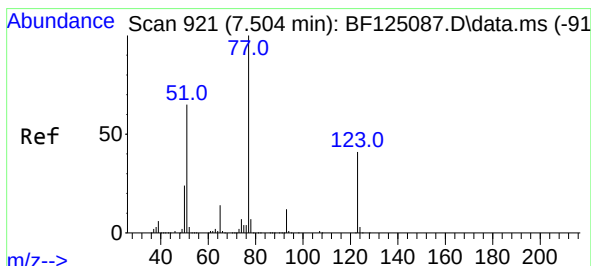
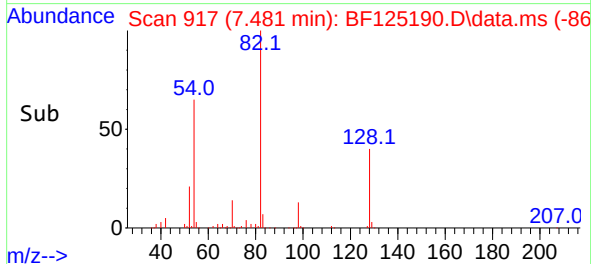
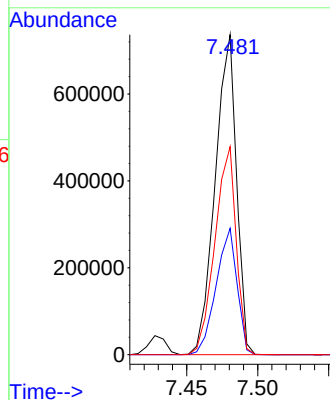
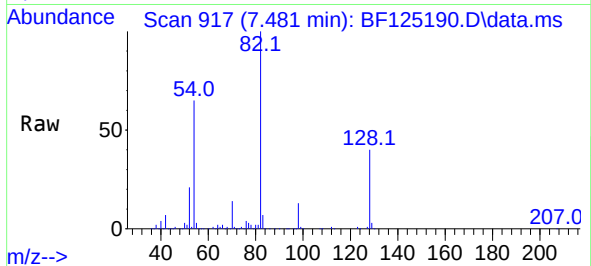
#23  
Nitrobenzene-d5  
Concen: 66.813 ng  
RT: 7.481 min Scan# 917  
Delta R.T. -0.000 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50

Tgt Ion: 82 Resp: 767578  
Ion Ratio Lower Upper  
82 100  
128 39.5 40.6 60.8#  
54 65.0 49.6 74.4

Instrument :  
BNA\_F  
ClientSampled :  
124027MSD

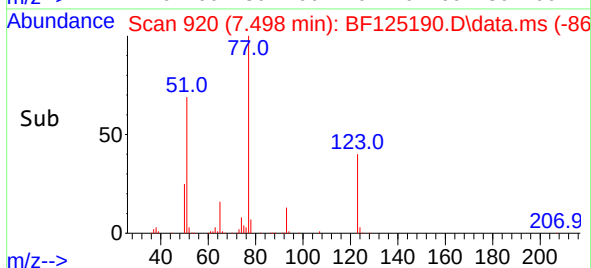
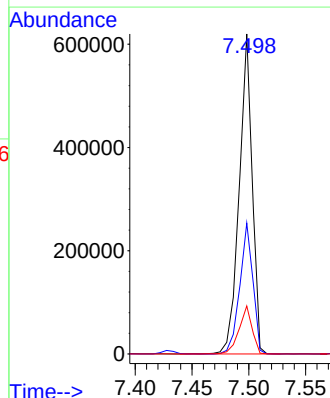
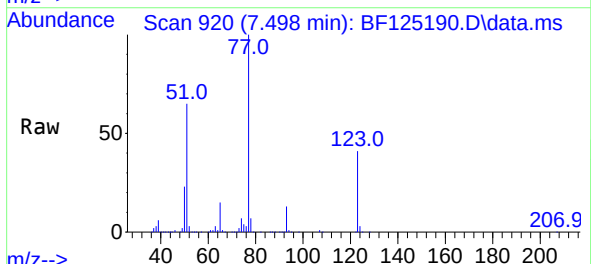
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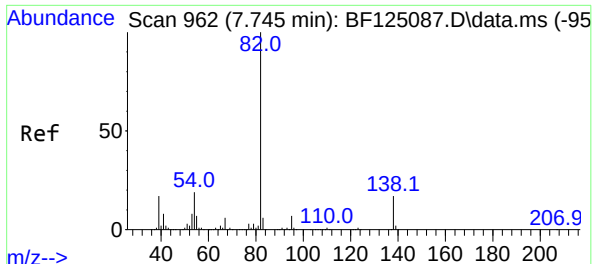
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#24  
Nitrobenzene  
Concen: 39.426 ng  
RT: 7.498 min Scan# 920  
Delta R.T. -0.000 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50

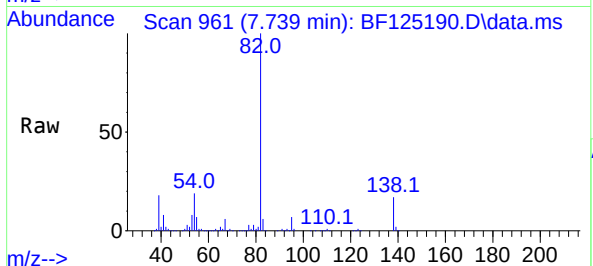
Tgt Ion: 77 Resp: 493552  
Ion Ratio Lower Upper  
77 100  
123 40.9 42.3 63.5#  
65 15.0 12.4 18.6





#25  
Isophorone  
Concen: 39.545 ng  
RT: 7.739 min Scan# 961  
Delta R.T. 0.006 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50

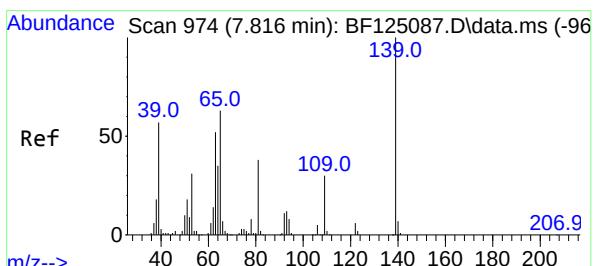
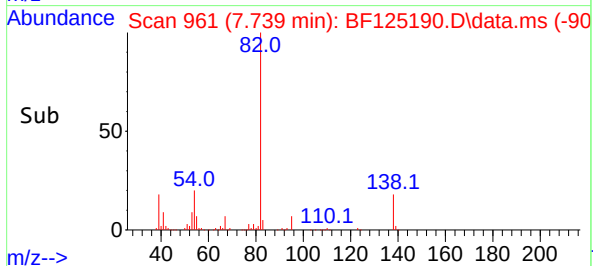
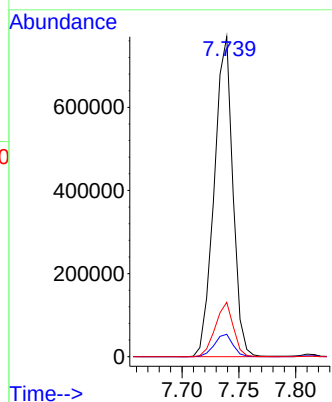
Instrument :  
BNA\_F  
ClientSampled :  
124027MSD



Tgt Ion: 82 Resp: 876418  
Ion Ratio Lower Upper  
82 100  
95 7.0 6.5 9.7  
138 17.0 18.4 27.6#

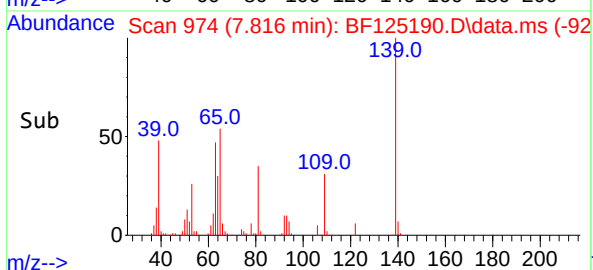
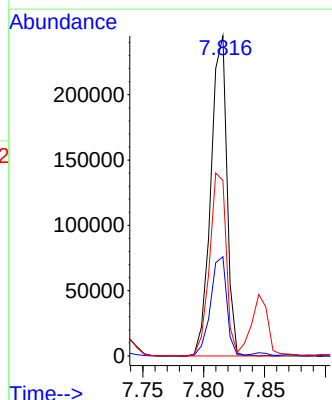
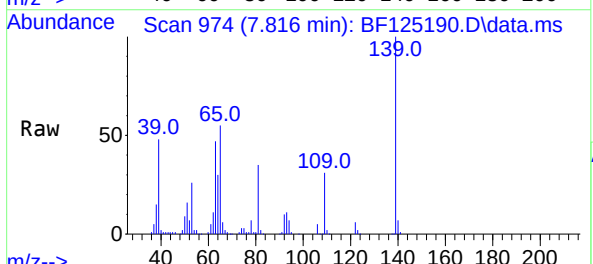
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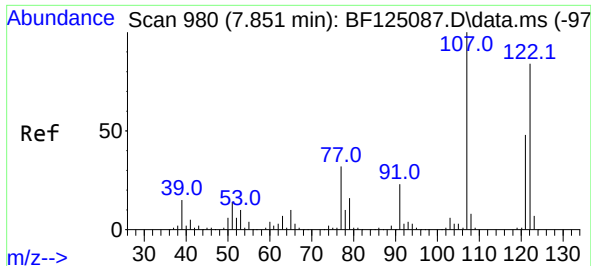


#26  
2-Nitrophenol  
Concen: 44.989 ng  
RT: 7.816 min Scan# 974  
Delta R.T. 0.006 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50

Tgt Ion: 139 Resp: 224881  
Ion Ratio Lower Upper  
139 100  
109 31.0 26.0 39.0  
65 54.8 31.0 46.4#







#27

2,4-Dimethylphenol

Concen: 43.300 ng

RT: 7.845 min Scan# 979

Delta R.T. -0.000 min

Lab File: BF125190.D

Acq: 24 Aug 2021 17:50

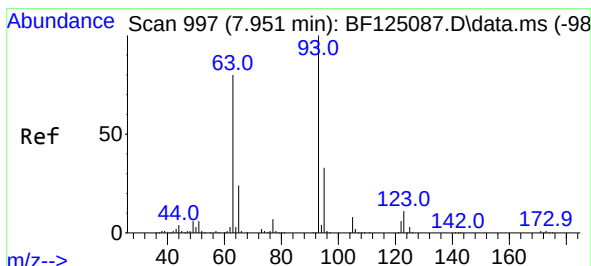
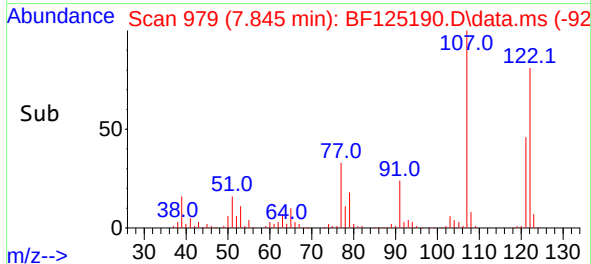
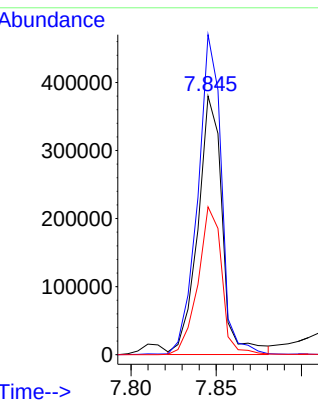
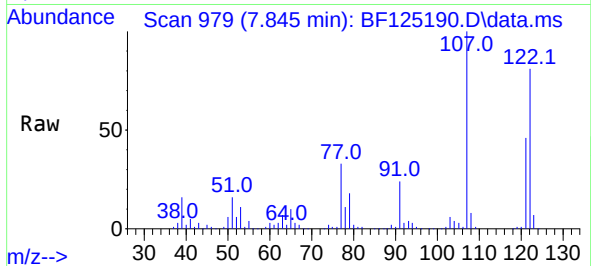
Tgt Ion:122 Resp: 378908

Ion Ratio Lower Upper

122 100

107 123.7 85.0 127.6

121 57.1 43.3 64.9



#28

bis(2-Chloroethoxy)methane

Concen: 43.346 ng

RT: 7.945 min Scan# 996

Delta R.T. -0.000 min

Lab File: BF125190.D

Acq: 24 Aug 2021 17:50

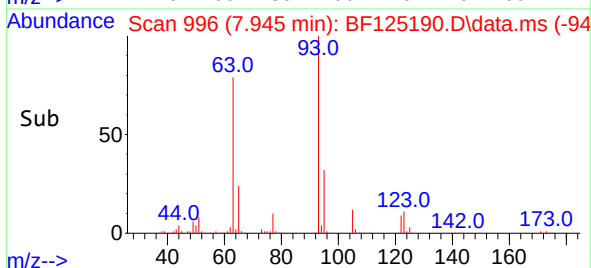
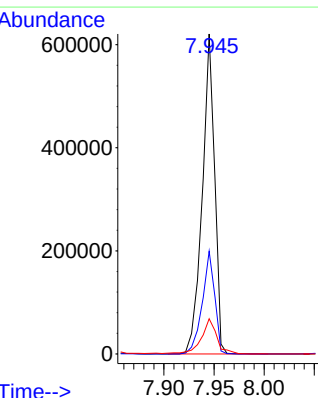
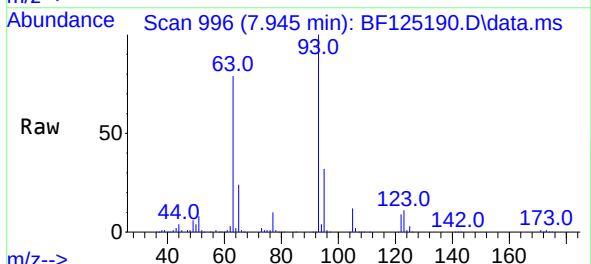
Tgt Ion: 93 Resp: 531902

Ion Ratio Lower Upper

93 100

95 32.1 26.1 39.1

123 11.0 11.7 17.5#



Instrument :

BNA\_F

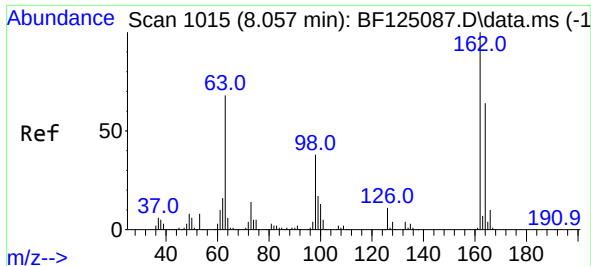
ClientSampleId :

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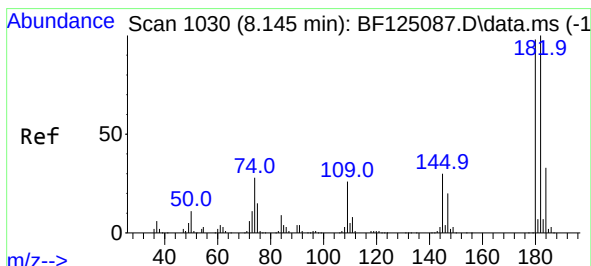
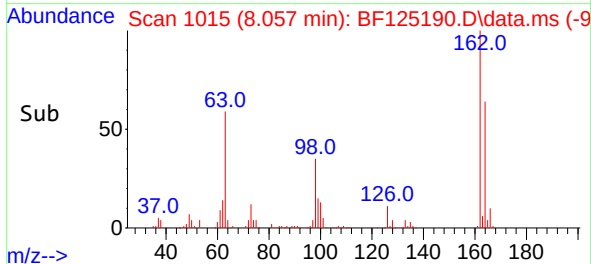
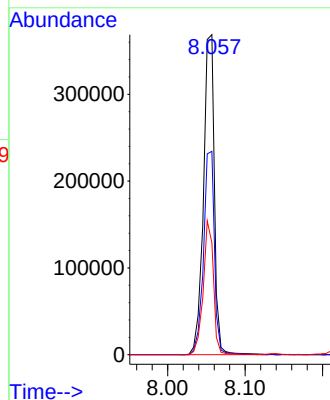
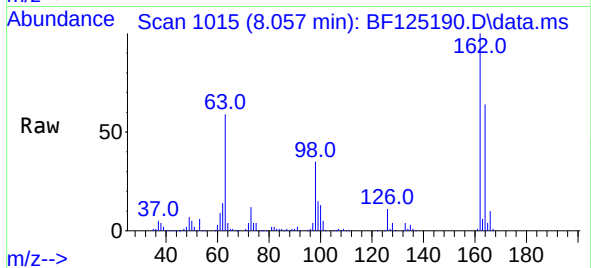
#29  
2,4-Dichlorophenol  
Concen: 40.615 ng  
RT: 8.057 min Scan# 1015  
Delta R.T. 0.006 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50

Tgt Ion:162 Resp: 362462  
Ion Ratio Lower Upper  
162 100  
164 63.5 44.5 84.5  
98 35.0 13.0 53.0

Instrument :  
BNA\_F  
ClientSampleId :  
124027MSD

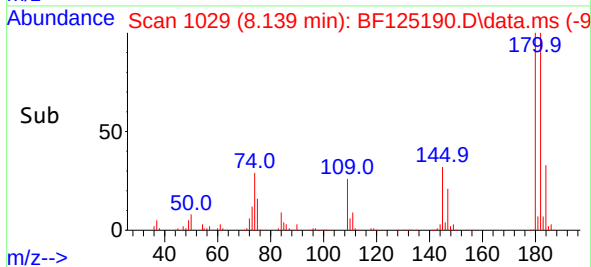
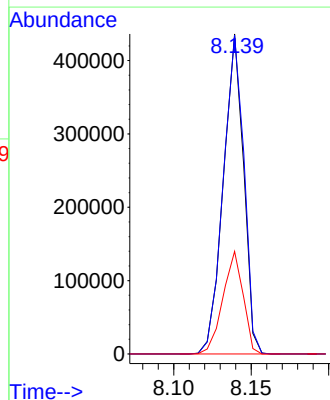
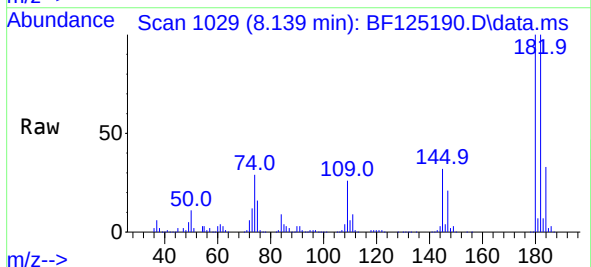
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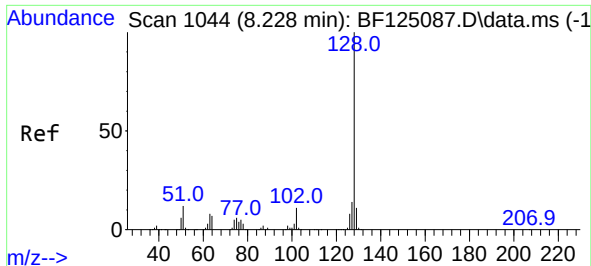
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#30  
1,2,4-Trichlorobenzene  
Concen: 40.690 ng  
RT: 8.139 min Scan# 1029  
Delta R.T. -0.000 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50

Tgt Ion:180 Resp: 395985  
Ion Ratio Lower Upper  
180 100  
182 99.7 76.8 115.2  
145 32.0 26.7 40.1





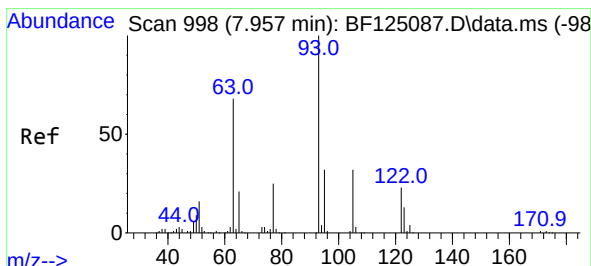
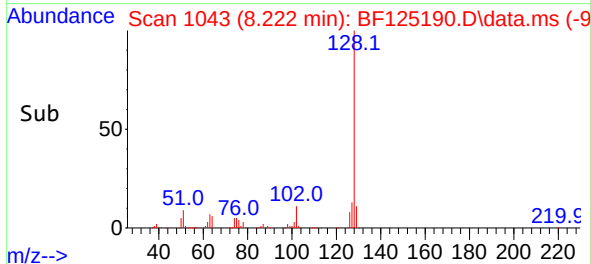
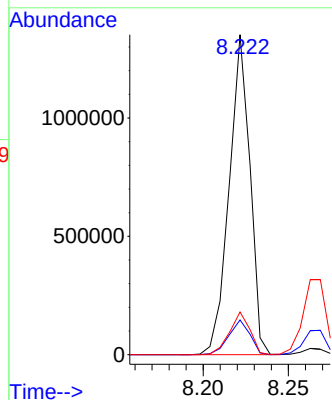
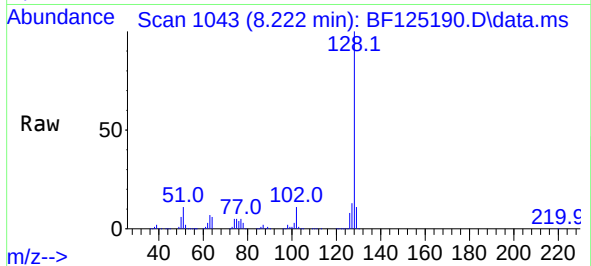
#31  
Naphthalene  
Concen: 38.657 ng  
RT: 8.222 min Scan# 1043  
Delta R.T. -0.000 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50

Tgt Ion:128 Resp: 1145047  
Ion Ratio Lower Upper  
128 100  
129 10.9 9.4 14.0  
127 13.4 10.9 16.3

Instrument :  
BNA\_F  
ClientSampled :  
124027MSD

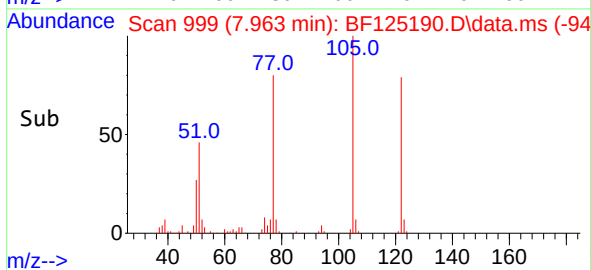
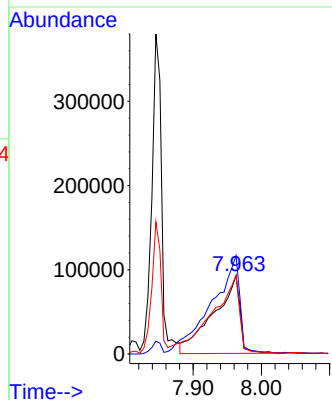
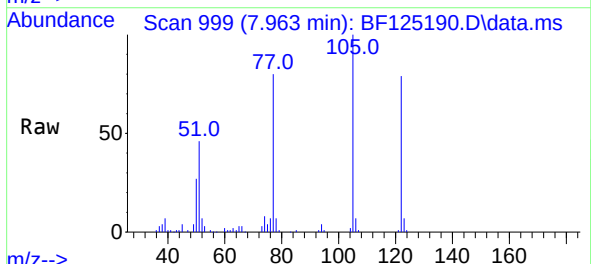
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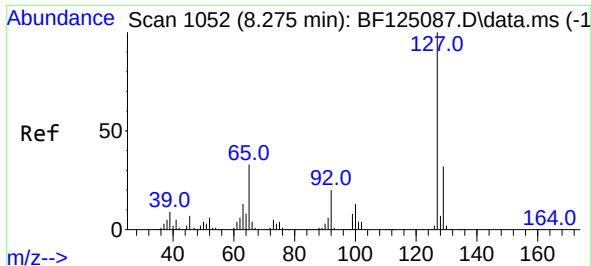
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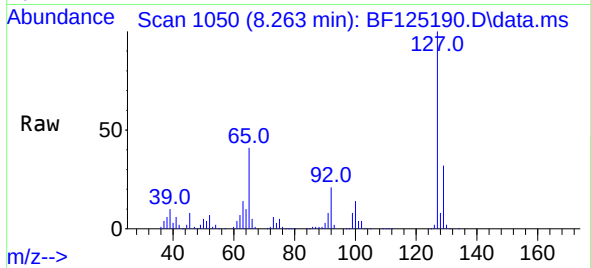
#32  
Benzoic acid  
Concen: 41.510 ng  
RT: 7.963 min Scan# 999  
Delta R.T. 0.018 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50

Tgt Ion:122 Resp: 246547  
Ion Ratio Lower Upper  
122 100  
105 126.2 97.6 137.6  
77 100.8 59.6 99.6#

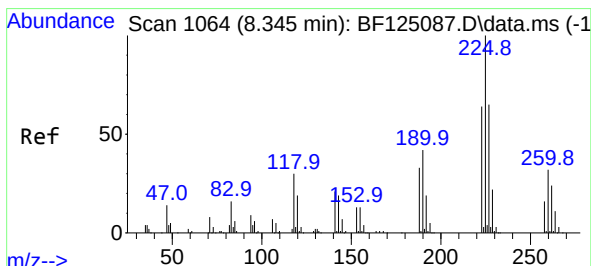
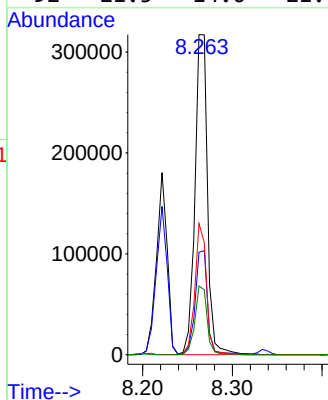
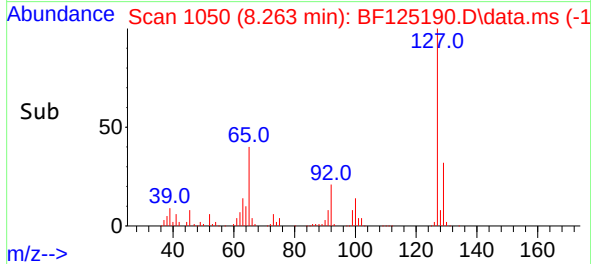




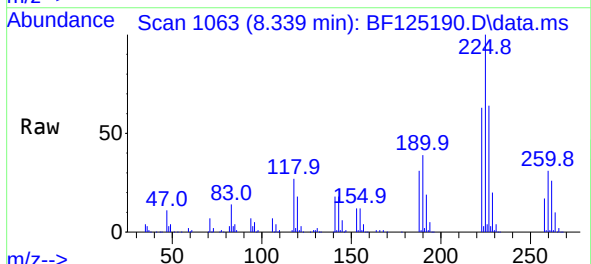
#33  
4-Chloroaniline  
Concen: 26.433 ng  
RT: 8.263 min Scan# 1050  
Delta R.T. -0.006 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50



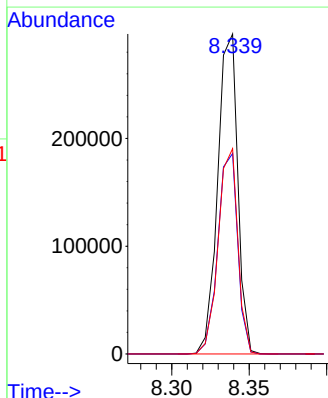
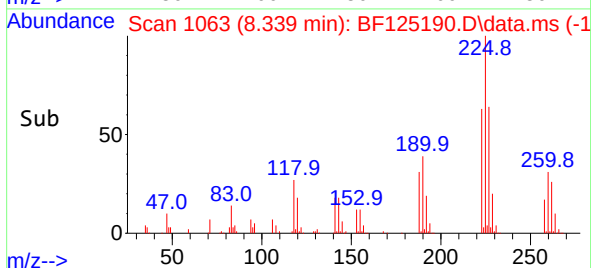
Tgt Ion:127 Resp: 308666  
Ion Ratio Lower Upper  
127 100  
129 32.0 25.7 38.5  
65 41.0 21.2 31.8#  
92 21.5 14.0 21.0#



#34  
Hexachlorobutadiene  
Concen: 43.085 ng  
RT: 8.339 min Scan# 1063  
Delta R.T. -0.000 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50



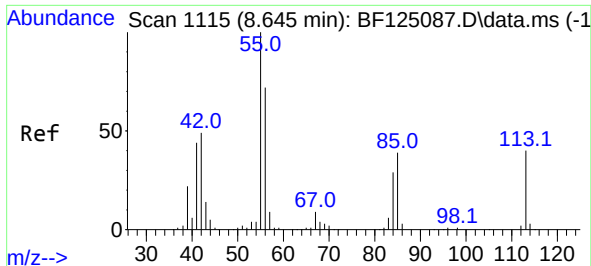
Tgt Ion:225 Resp: 267357  
Ion Ratio Lower Upper  
225 100  
223 62.7 50.6 76.0  
227 64.2 50.6 75.8



Instrument :  
BNA\_F  
ClientSampleId :  
124027MSD

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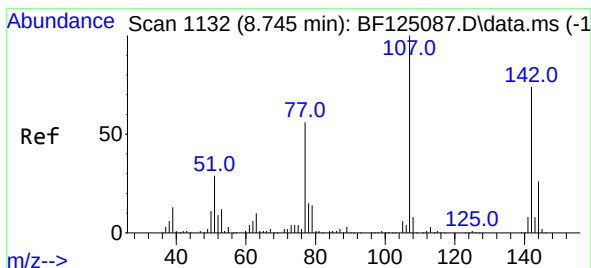
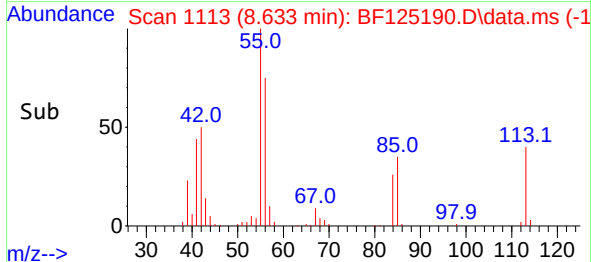
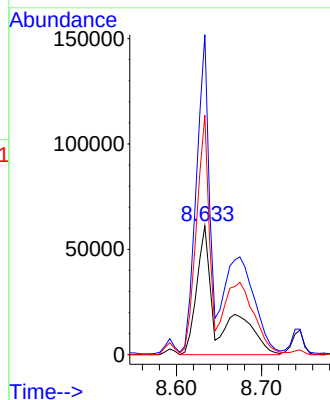
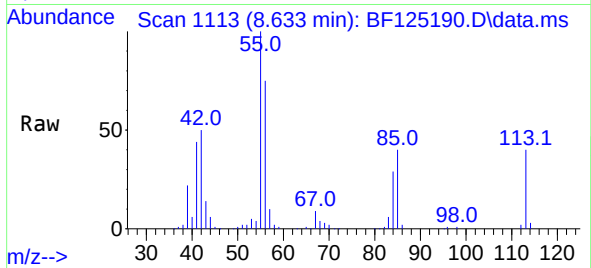
#35  
Caprolactam  
Concen: 48.224 ng m  
RT: 8.633 min Scan# 1113  
Delta R.T. 0.006 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50

Tgt Ion:113 Resp: 111473  
Ion Ratio Lower Upper  
113 100  
55 248.6 154.1 194.1#  
56 186.1 108.7 148.7#

Instrument :  
BNA\_F  
ClientSampled :  
124027MSD

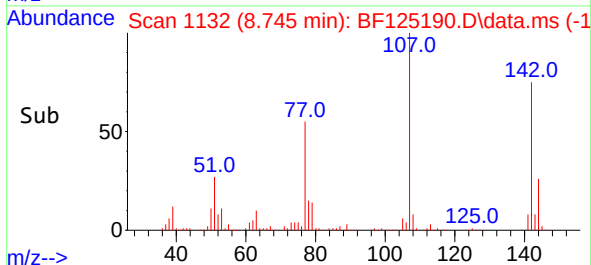
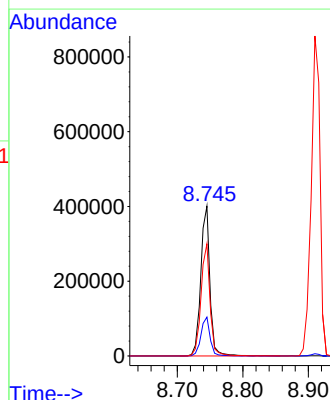
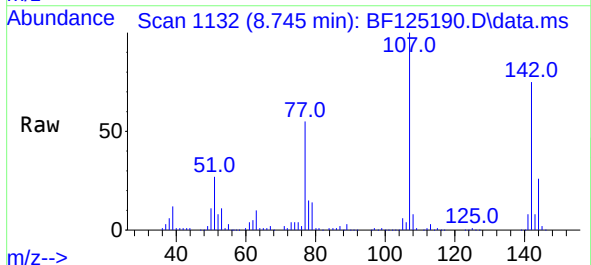
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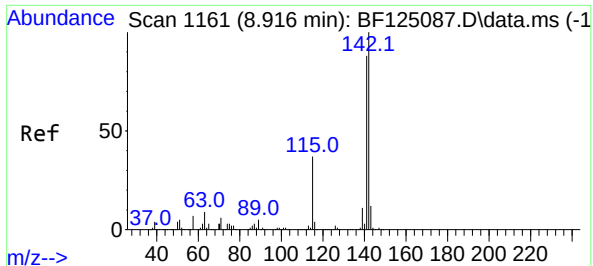
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#36  
4-Chloro-3-methylphenol  
Concen: 42.695 ng  
RT: 8.745 min Scan# 1132  
Delta R.T. 0.006 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50

Tgt Ion:107 Resp: 388984  
Ion Ratio Lower Upper  
107 100  
144 25.9 21.9 32.9  
142 74.8 67.1 100.7





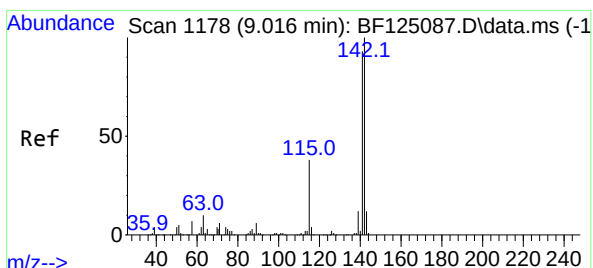
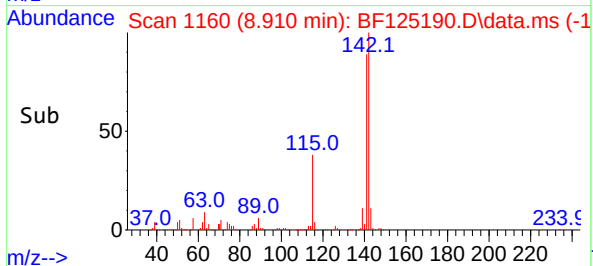
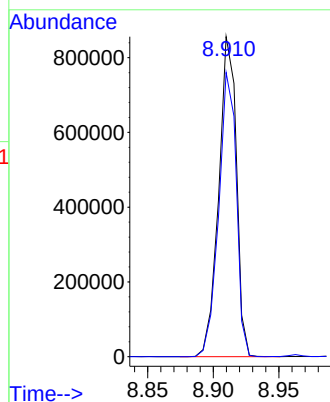
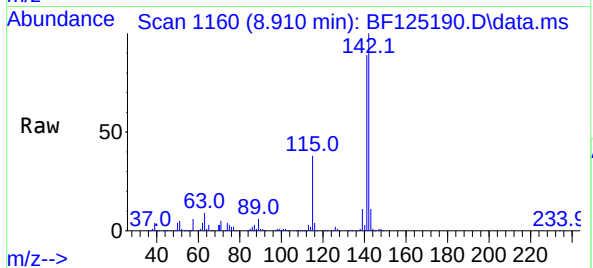
#37  
2-Methylnaphthalene  
Concen: 40.863 ng  
RT: 8.910 min Scan# 1160  
Delta R.T. -0.000 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50

Instrument :  
BNA\_F  
ClientSampleId :  
124027MSD

Tgt Ion:142 Resp: 799831  
Ion Ratio Lower Upper  
142 100  
141 88.8 71.2 106.8

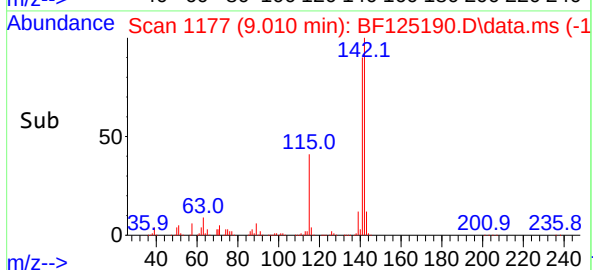
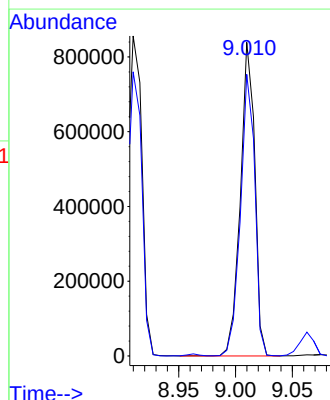
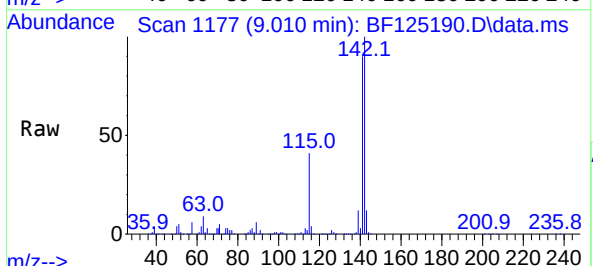
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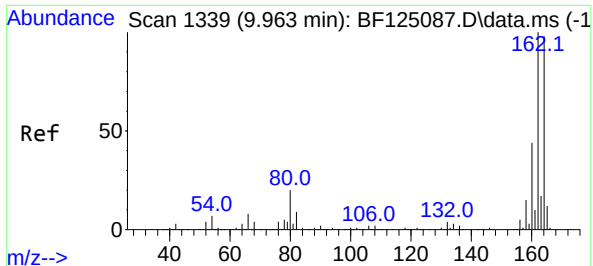
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#38  
1-Methylnaphthalene  
Concen: 40.423 ng  
RT: 9.010 min Scan# 1177  
Delta R.T. -0.000 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50

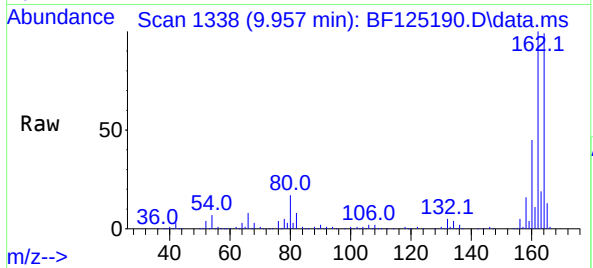
Tgt Ion:142 Resp: 738853  
Ion Ratio Lower Upper  
142 100  
141 89.8 76.0 114.0





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.957 min Scan# 1338  
Delta R.T. 0.006 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50

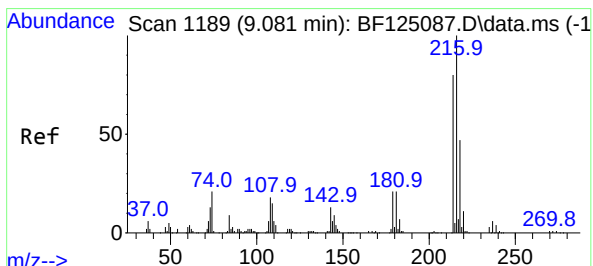
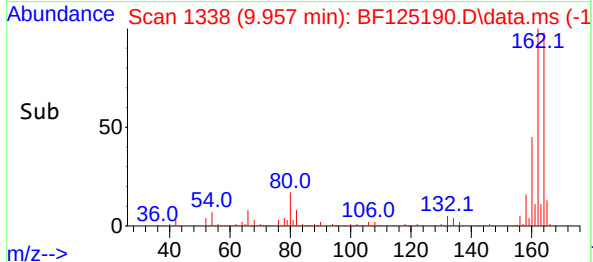
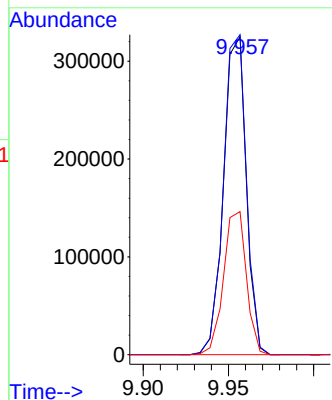
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BNA\_F  
ClientSampleId :  
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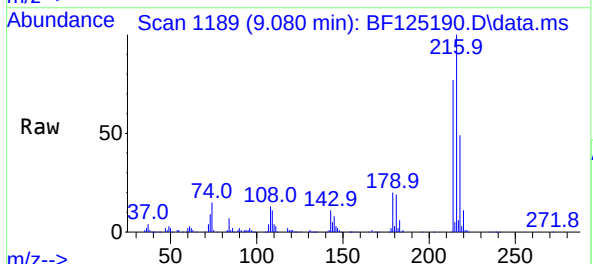
Tgt Ion:164 Resp: 301097  
Ion Ratio Lower Upper  
164 100  
162 100.7 81.3 121.9  
160 45.0 38.0 57.0

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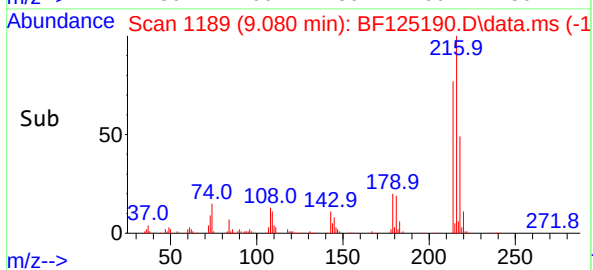
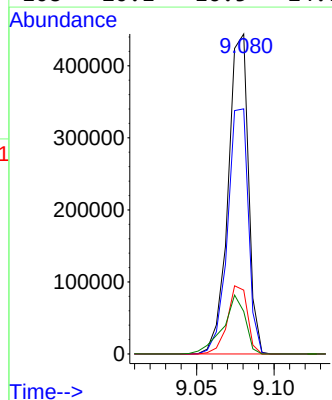
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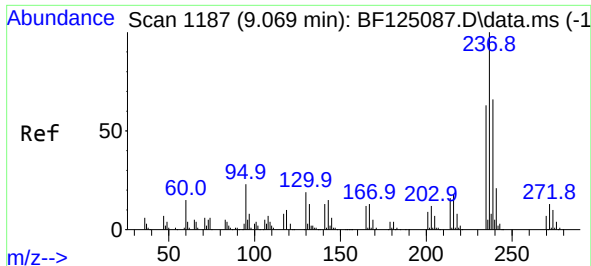


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 41.074 ng  
RT: 9.080 min Scan# 1189  
Delta R.T. 0.006 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50



Tgt Ion:216 Resp: 404057  
Ion Ratio Lower Upper  
216 100  
214 78.5 64.9 97.3  
179 21.0 17.4 26.2  
108 20.1 16.5 24.7





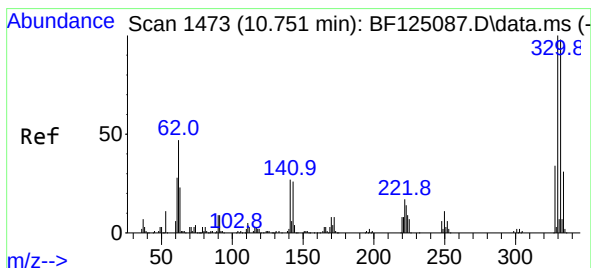
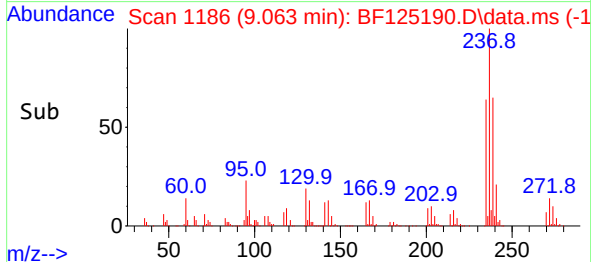
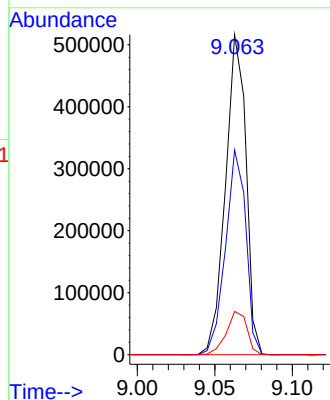
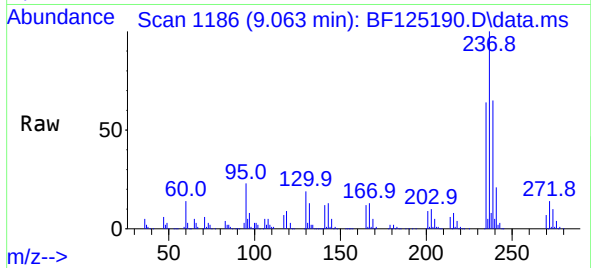
#41  
Hexachlorocyclopentadiene  
Concen: 92.064 ng  
RT: 9.063 min Scan# 1186  
Delta R.T. -0.000 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50

Tgt Ion:237 Resp: 475825  
Ion Ratio Lower Upper  
237 100  
235 64.0 44.7 84.7  
272 13.5 0.0 31.6

Instrument :  
BNA\_F  
ClientSampled :  
124027MSD

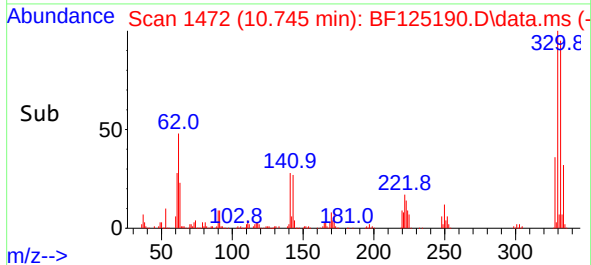
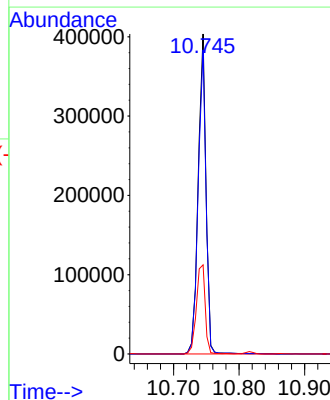
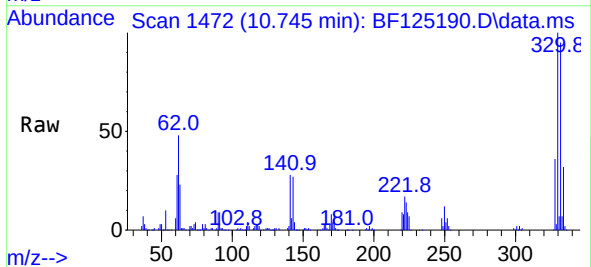
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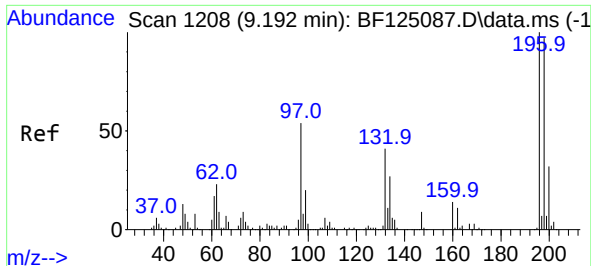


#42  
2,4,6-Tribromophenol  
Concen: 111.595 ng  
RT: 10.745 min Scan# 1472  
Delta R.T. 0.006 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50

Tgt Ion:330 Resp: 335412  
Ion Ratio Lower Upper  
330 100  
332 95.7 76.2 114.4  
141 31.6 44.6 66.8#

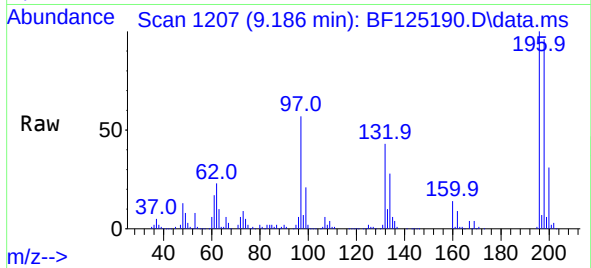






#43  
2,4,6-Trichlorophenol  
Concen: 40.369 ng  
RT: 9.186 min Scan# 1207  
Delta R.T. -0.000 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50

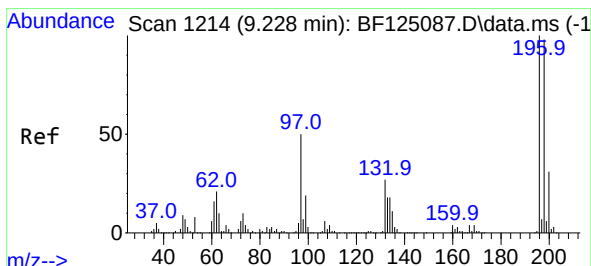
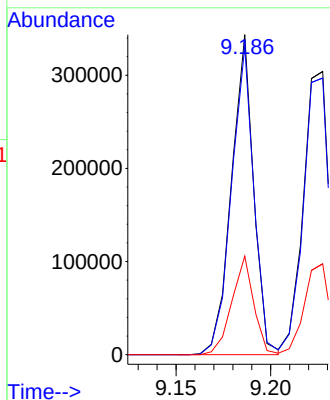
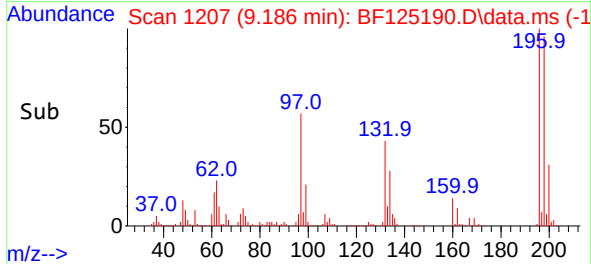
Instrument :  
BNA\_F  
ClientSampled :  
124027MSD



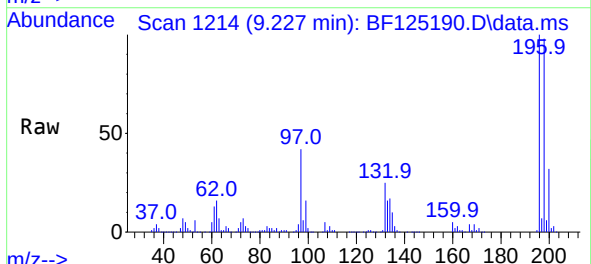
Tgt Ion:196 Resp: 279619  
Ion Ratio Lower Upper  
196 100  
198 96.3 74.9 112.3  
200 30.8 27.0 40.4

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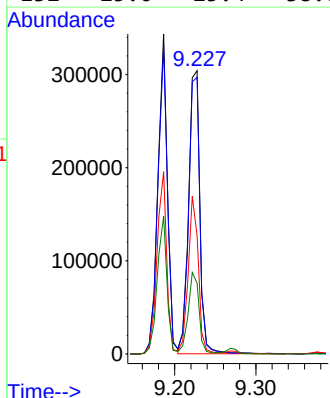
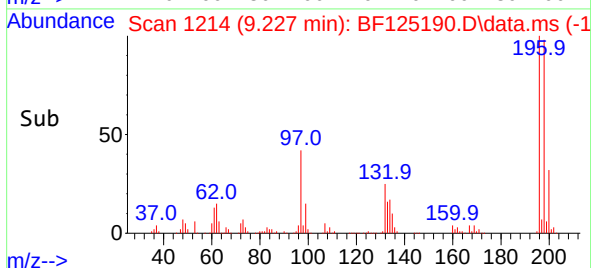
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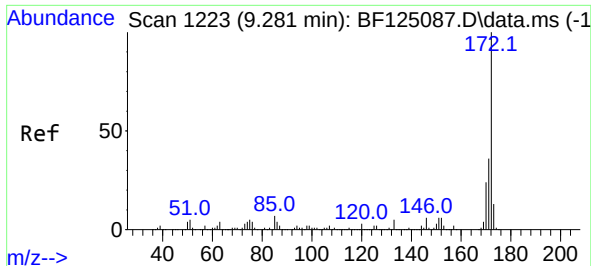


#44  
2,4,5-Trichlorophenol  
Concen: 40.466 ng  
RT: 9.227 min Scan# 1214  
Delta R.T. 0.006 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50



Tgt Ion:196 Resp: 294888  
Ion Ratio Lower Upper  
196 100  
198 97.6 80.2 120.2  
97 41.9 44.0 66.0#  
132 25.0 25.4 38.0#





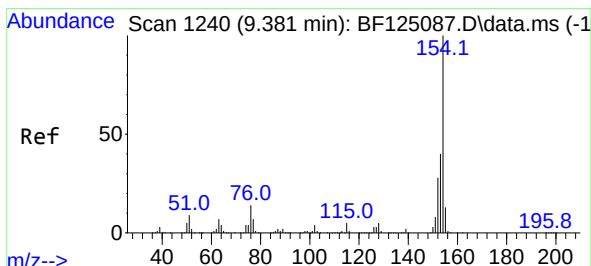
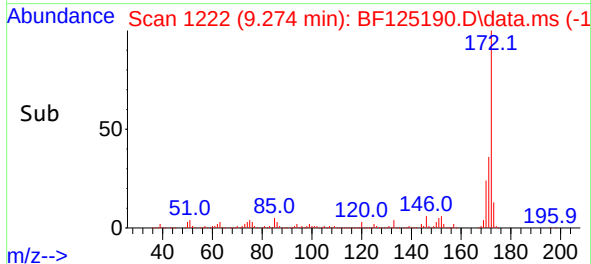
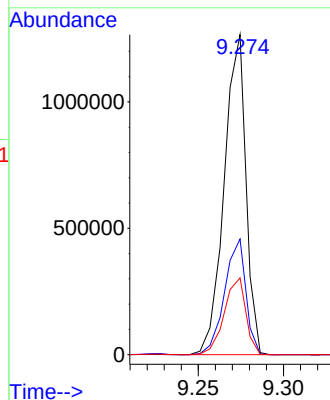
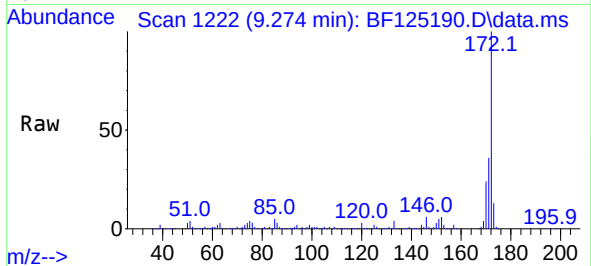
#45  
2-Fluorobiphenyl  
Concen: 52.009 ng  
RT: 9.274 min Scan# 1222  
Delta R.T. -0.000 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50

Tgt Ion:172 Resp: 1123579  
Ion Ratio Lower Upper  
172 100  
171 36.2 26.5 39.7  
170 24.0 18.8 28.2

Instrument :  
BNA\_F  
ClientSampleId :  
124027MSD

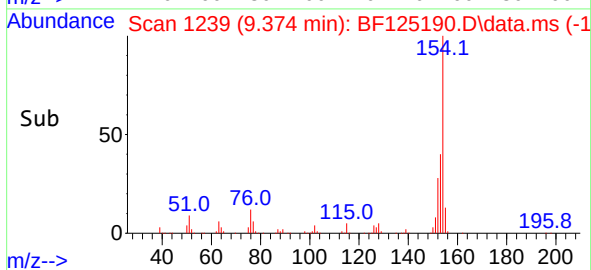
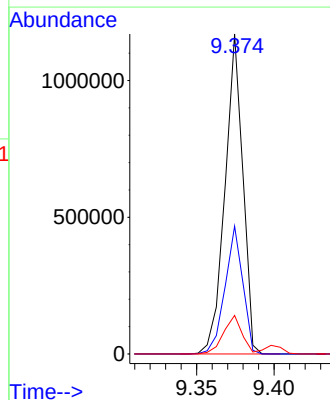
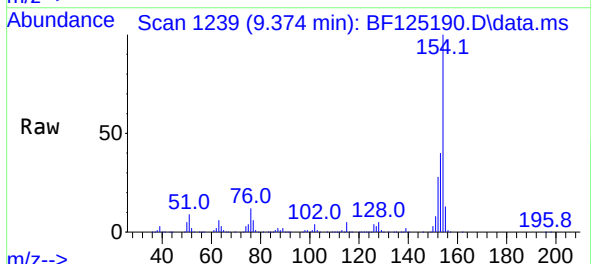
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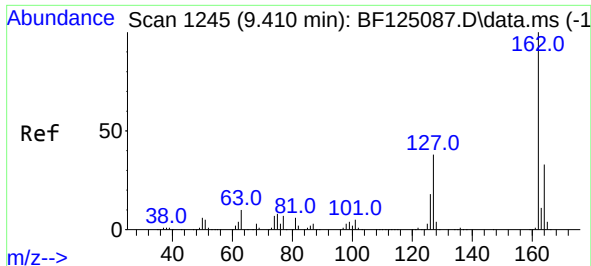
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#46  
1,1'-Biphenyl  
Concen: 38.605 ng  
RT: 9.374 min Scan# 1239  
Delta R.T. -0.000 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50

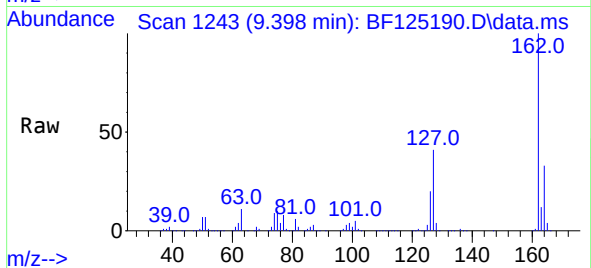
Tgt Ion:154 Resp: 937117  
Ion Ratio Lower Upper  
154 100  
153 40.0 20.0 60.0  
76 12.0 0.0 30.3





#47  
2-Chloronaphthalene  
Concen: 38.712 ng  
RT: 9.398 min Scan# 1243  
Delta R.T. -0.000 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50

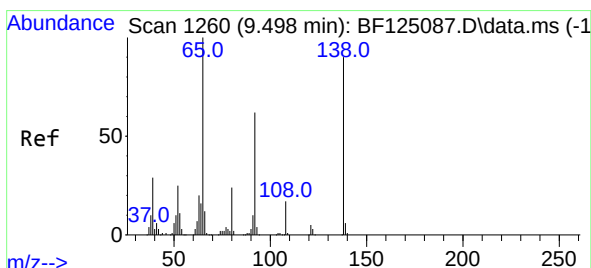
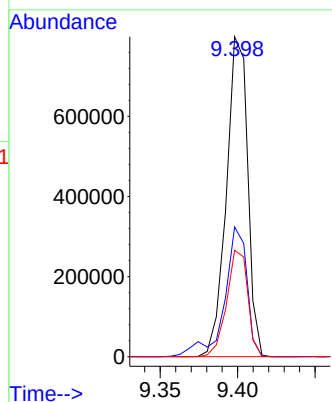
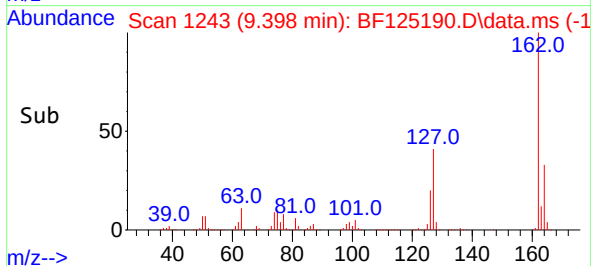
Instrument :  
BNA\_F  
ClientSampled :  
124027MSD



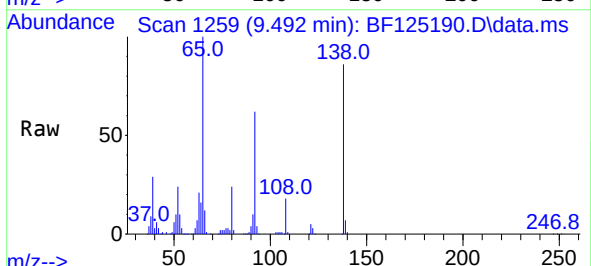
Tgt Ion:162 Resp: 763643  
Ion Ratio Lower Upper  
162 100  
127 40.5 33.0 49.4  
164 33.3 25.8 38.8

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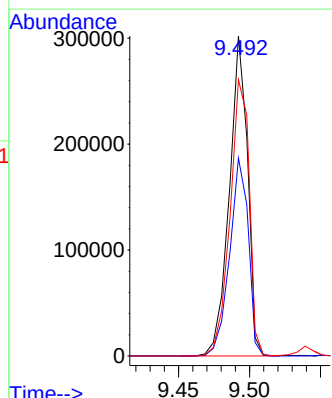
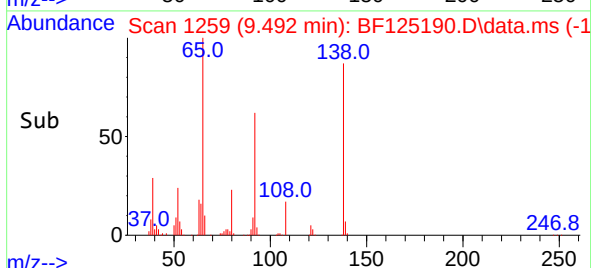
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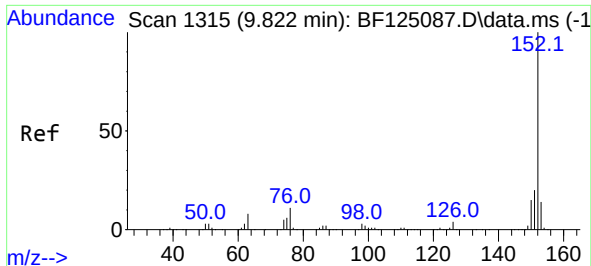


#48  
2-Nitroaniline  
Concen: 44.097 ng  
RT: 9.492 min Scan# 1259  
Delta R.T. -0.000 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50



Tgt Ion: 65 Resp: 269648  
Ion Ratio Lower Upper  
65 100  
92 61.8 55.5 83.3  
138 86.3 93.5 140.3#





#49

Acenaphthylene

Concen: 39.459 ng

RT: 9.816 min Scan# 1314

Delta R.T. -0.000 min

Lab File: BF125190.D

Acq: 24 Aug 2021 17:50

Tgt Ion:152 Resp: 1134254

Ion Ratio Lower Upper

152 100

151 20.5 15.7 23.5

153 13.7 9.8 14.8

Instrument :

BNA\_F

ClientSampleId :

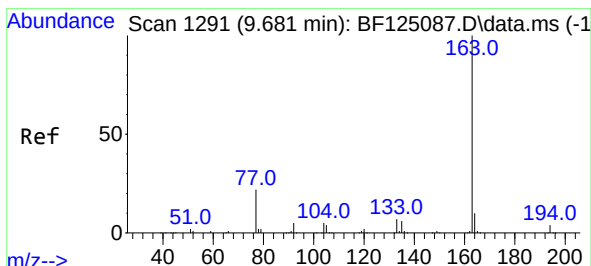
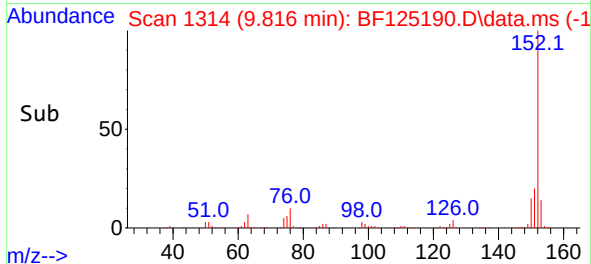
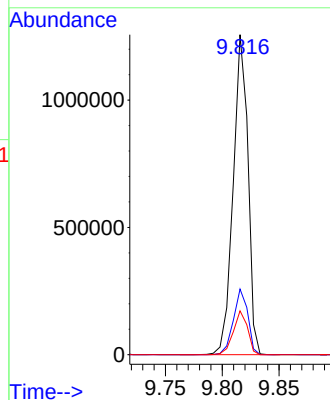
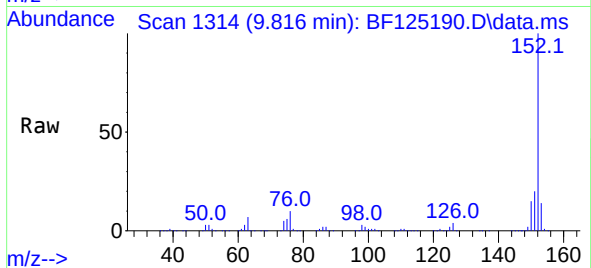
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#50

Dimethylphthalate

Concen: 43.568 ng

RT: 9.674 min Scan# 1290

Delta R.T. 0.006 min

Lab File: BF125190.D

Acq: 24 Aug 2021 17:50

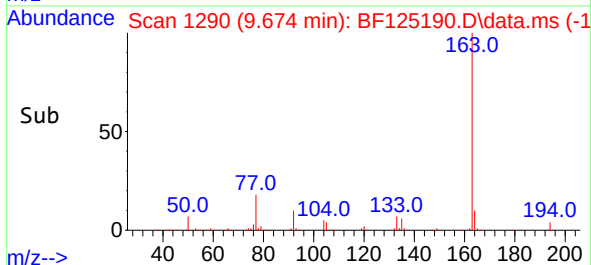
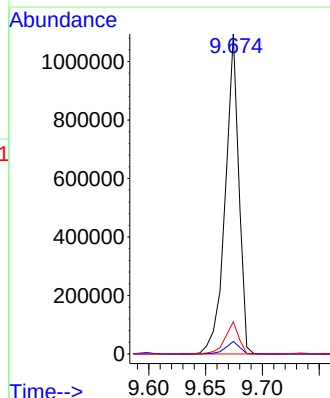
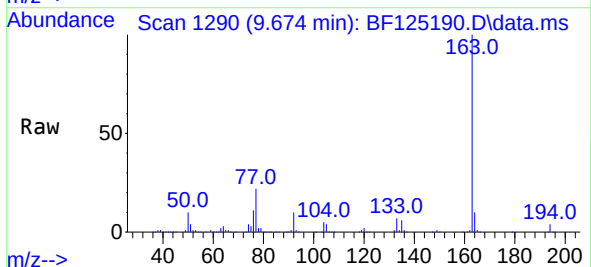
Tgt Ion:163 Resp: 909084

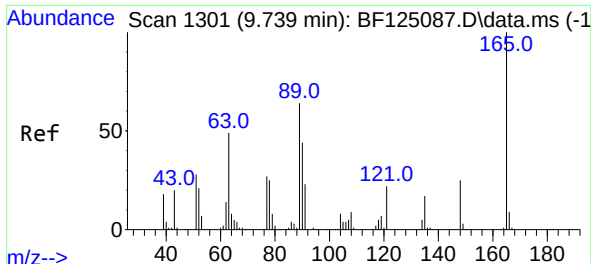
Ion Ratio Lower Upper

163 100

194 3.9 2.6 3.8#

164 10.0 7.4 11.0





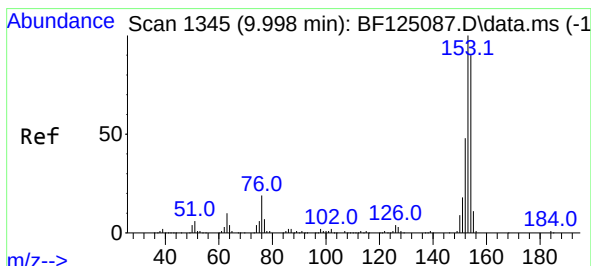
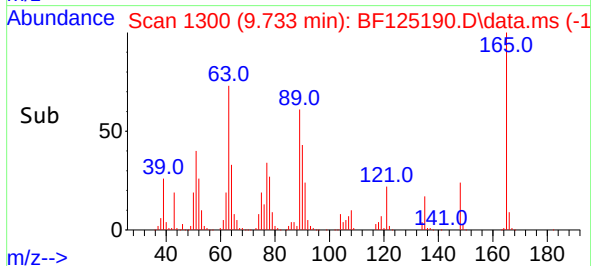
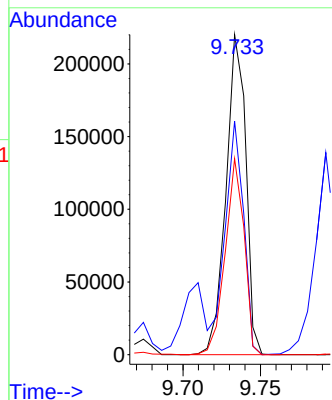
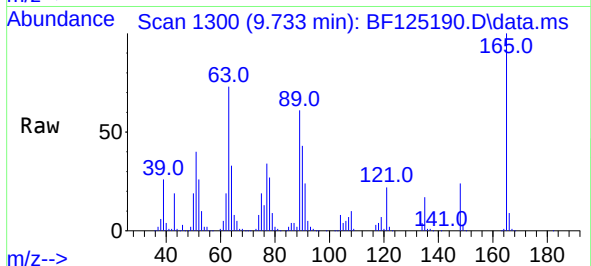
#51  
2,6-Dinitrotoluene  
Concen: 43.372 ng  
RT: 9.733 min Scan# 1300  
Delta R.T. -0.000 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50

Tgt Ion:165 Resp: 196234  
Ion Ratio Lower Upper  
165 100  
63 73.0 42.6 63.8#  
89 61.3 40.6 60.8#

Instrument :  
BNA\_F  
ClientSampled :  
124027MSD

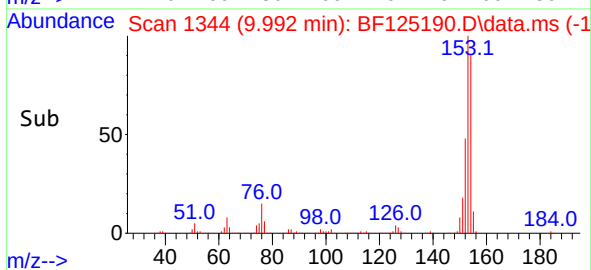
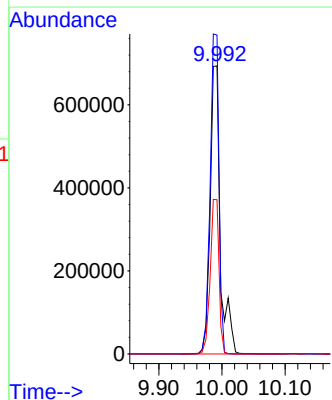
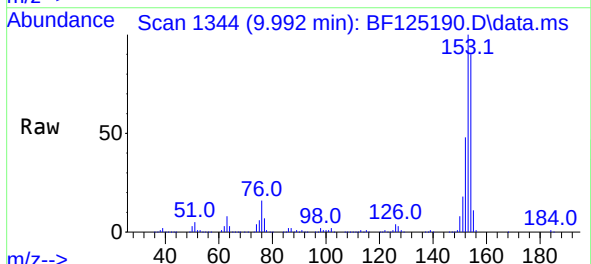
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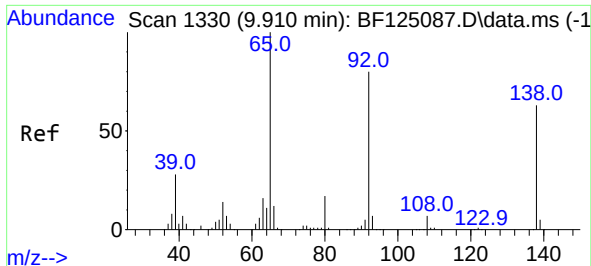
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#52  
Acenaphthene  
Concen: 43.408 ng  
RT: 9.992 min Scan# 1344  
Delta R.T. 0.006 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50

Tgt Ion:154 Resp: 773524  
Ion Ratio Lower Upper  
154 100  
153 110.7 89.4 134.2  
152 53.6 40.5 60.7





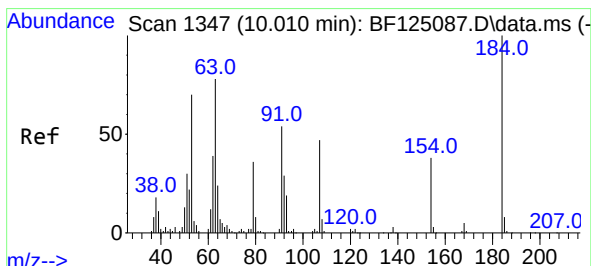
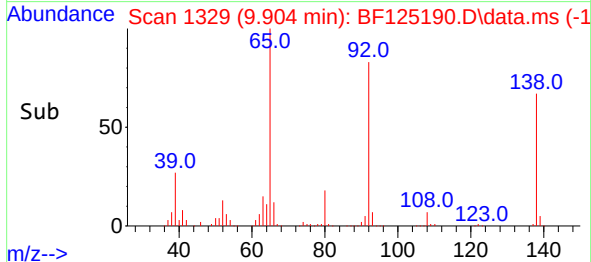
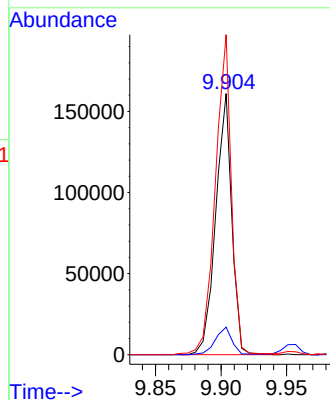
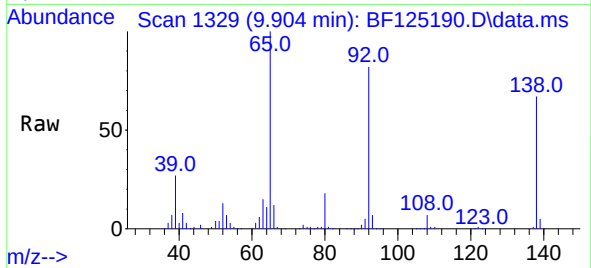
#53  
3-Nitroaniline  
Concen: 28.032 ng  
RT: 9.904 min Scan# 1329  
Delta R.T. -0.000 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50

Tgt Ion:138 Resp: 136772  
Ion Ratio Lower Upper  
138 100  
108 10.6 9.3 13.9  
92 122.5 76.5 114.7#

Instrument :  
BNA\_F  
ClientSampleId :  
124027MSD

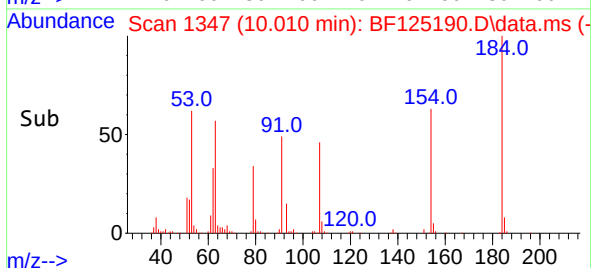
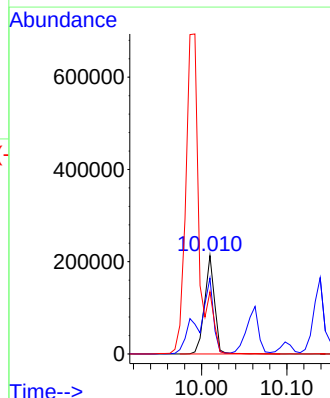
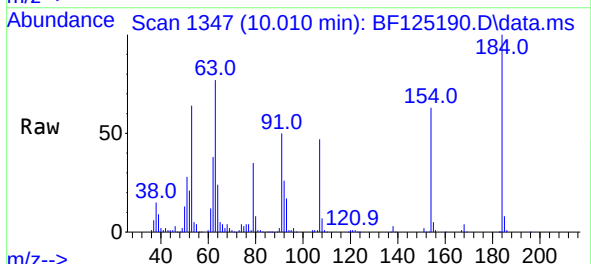
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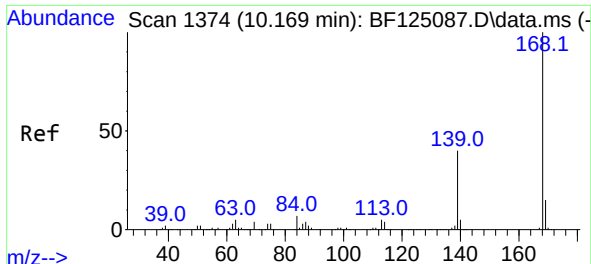
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#54  
2,4-Dinitrophenol  
Concen: 97.137 ng  
RT: 10.010 min Scan# 1347  
Delta R.T. 0.006 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50

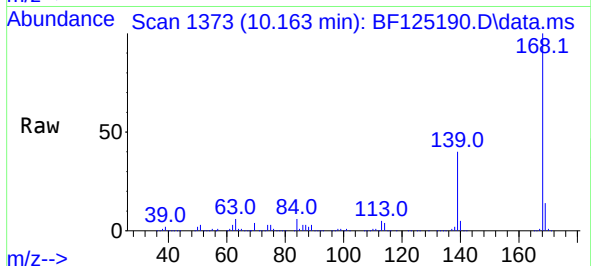
Tgt Ion:184 Resp: 173599  
Ion Ratio Lower Upper  
184 100  
63 77.0 59.3 88.9  
154 63.3 68.6 102.8#





#55  
Dibenzofuran  
Concen: 38.606 ng  
RT: 10.163 min Scan# 1373  
Delta R.T. 0.006 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50

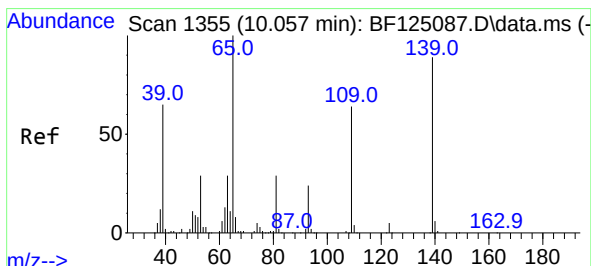
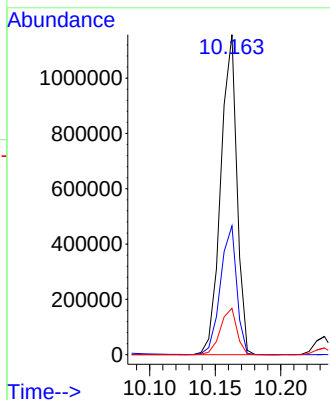
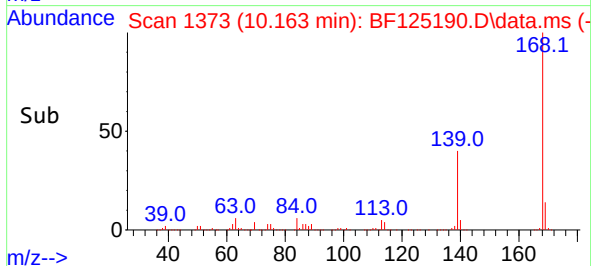
Instrument :  
BNA\_F  
ClientSampled :  
124027MSD



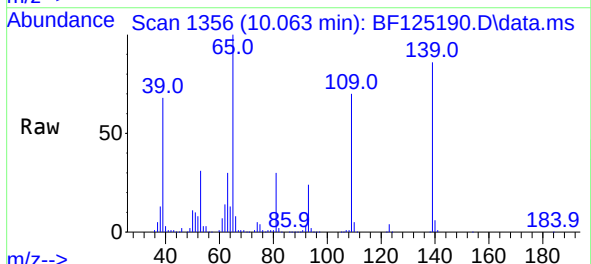
Tgt Ion:168 Resp: 990081  
Ion Ratio Lower Upper  
168 100  
139 40.2 32.7 49.1  
169 14.5 11.2 16.8

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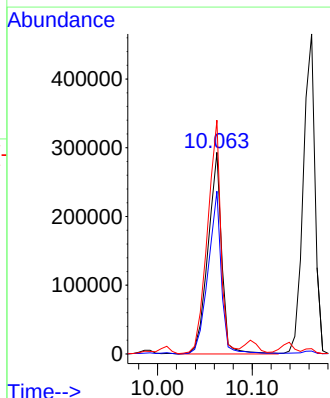
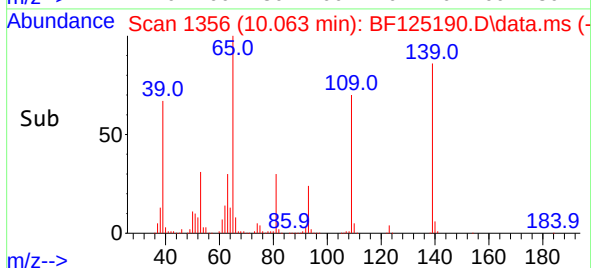
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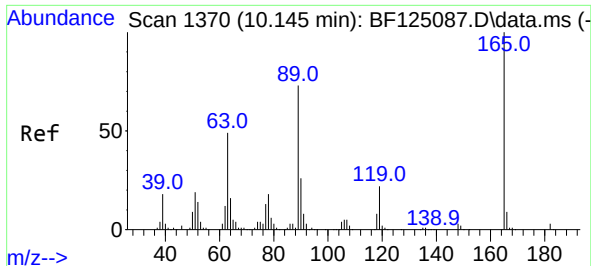


#56  
4-Nitrophenol  
Concen: 76.433 ng  
RT: 10.063 min Scan# 1356  
Delta R.T. 0.012 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50



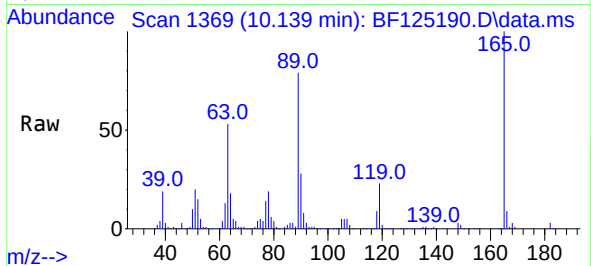
Tgt Ion:139 Resp: 295323  
Ion Ratio Lower Upper  
139 100  
109 80.7 60.4 100.4  
65 116.0 58.4 98.4#





#57  
2,4-Dinitrotoluene  
Concen: 45.537 ng  
RT: 10.139 min Scan# 1369  
Delta R.T. 0.006 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50

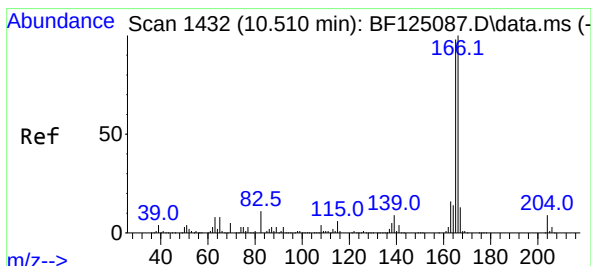
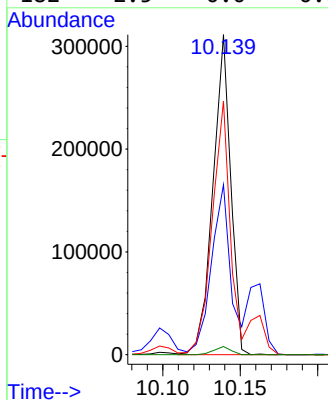
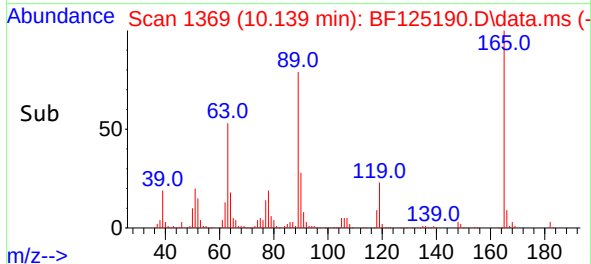
Instrument :  
BNA\_F  
ClientSampleId :  
124027MSD



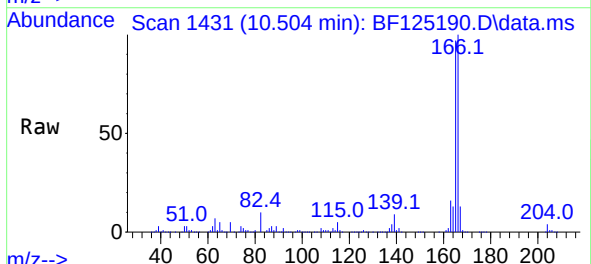
Tgt Ion:165 Resp: 249358  
Ion Ratio Lower Upper  
165 100  
63 53.1 40.9 61.3  
89 79.3 59.7 89.5  
182 2.5 0.0 0.0#

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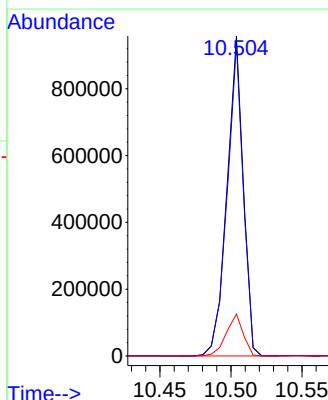
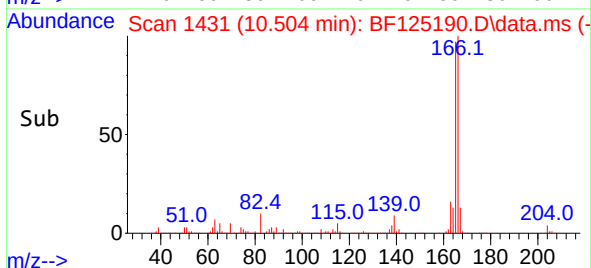
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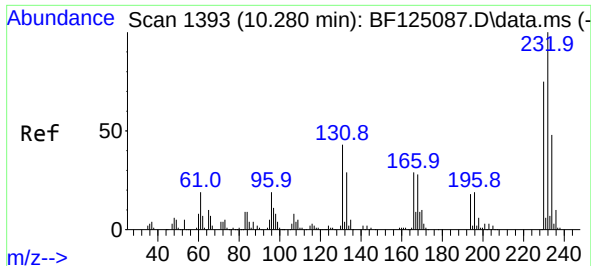
#58  
Fluorene  
Concen: 40.268 ng  
RT: 10.504 min Scan# 1431  
Delta R.T. -0.000 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50



Tgt Ion:166 Resp: 763482  
Ion Ratio Lower Upper  
166 100  
165 97.5 78.1 117.1  
167 13.1 11.1 16.7

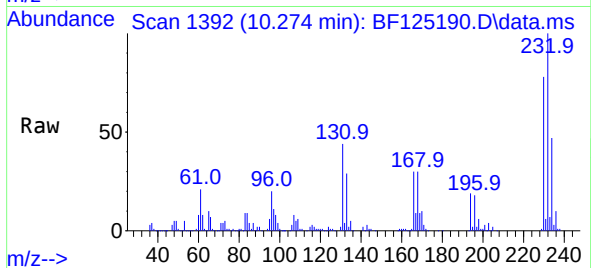






#59  
2,3,4,6-Tetrachlorophenol  
Concen: 44.134 ng  
RT: 10.274 min Scan# 1392  
Delta R.T. -0.000 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50

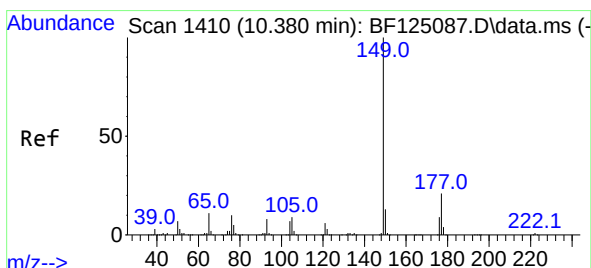
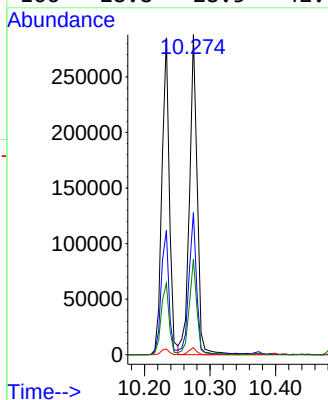
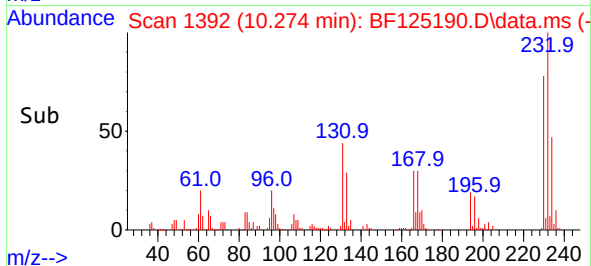
Instrument :  
BNA\_F  
ClientSampleId :  
124027MSD



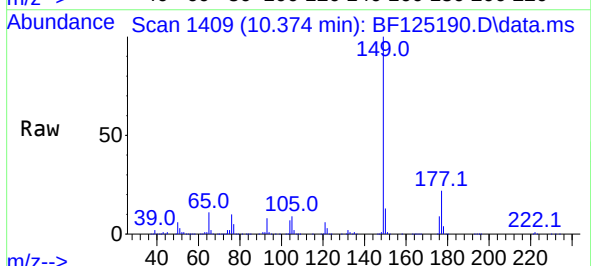
Tgt Ion:232 Resp: 238675  
Ion Ratio Lower Upper  
232 100  
131 42.7 45.4 68.0#  
130 2.1 0.0 0.0#  
166 28.8 28.5 42.7

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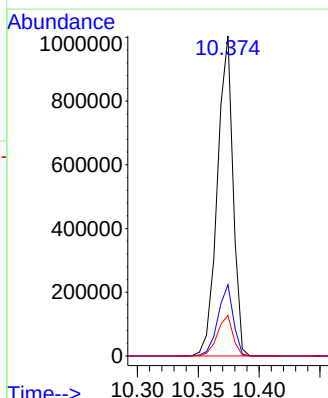
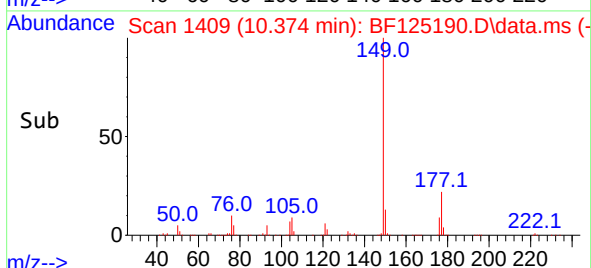
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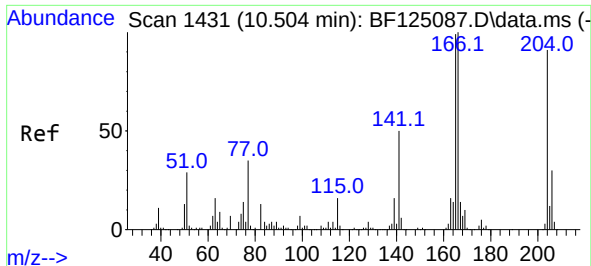


#60  
Diethylphthalate  
Concen: 44.301 ng  
RT: 10.374 min Scan# 1409  
Delta R.T. 0.006 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50



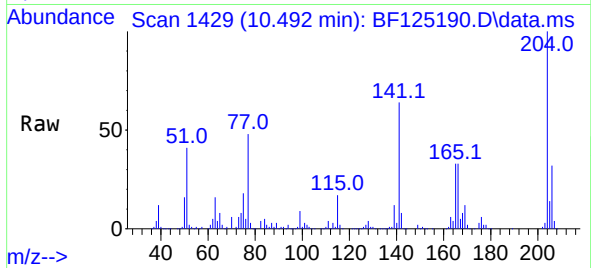
Tgt Ion:149 Resp: 901159  
Ion Ratio Lower Upper  
149 100  
177 22.2 16.5 24.7  
150 12.7 10.1 15.1





#61  
4-Chlorophenyl-phenylether  
Concen: 42.362 ng  
RT: 10.492 min Scan# 1429  
Delta R.T. -0.000 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50

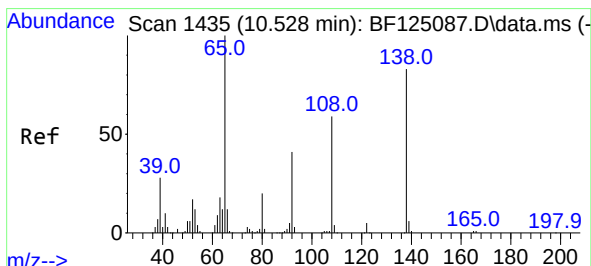
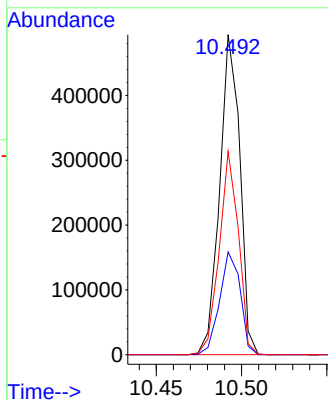
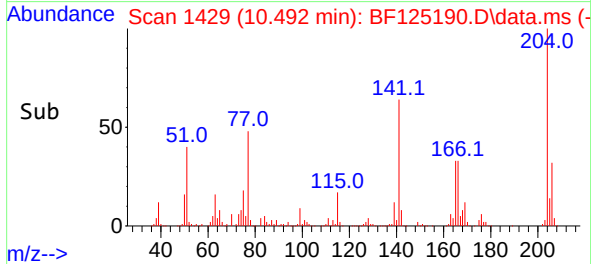
Instrument :  
BNA\_F  
ClientSampled :  
124027MSD



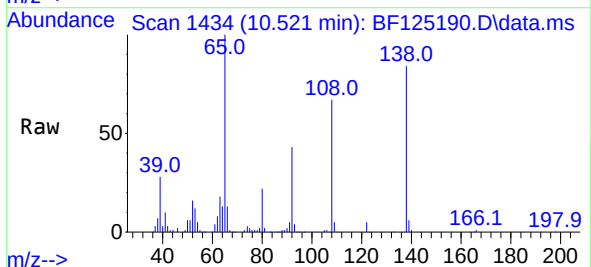
Tgt Ion:204 Resp: 406100  
Ion Ratio Lower Upper  
204 100  
206 32.1 27.6 41.4  
141 63.5 58.6 88.0

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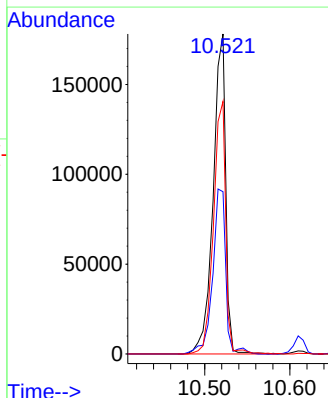
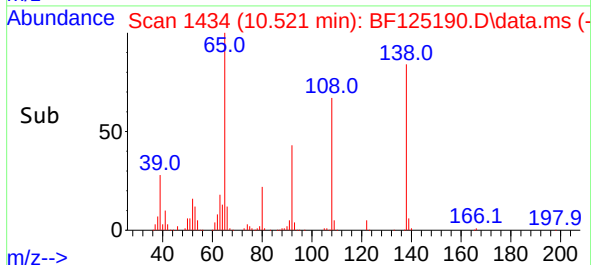
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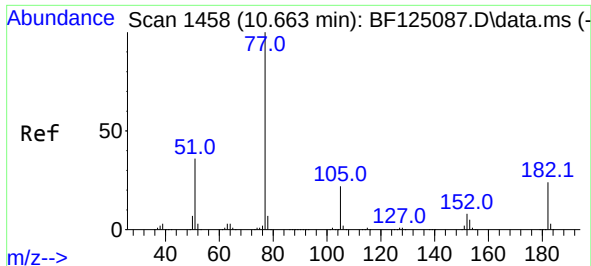


#62  
4-Nitroaniline  
Concen: 41.495 ng  
RT: 10.521 min Scan# 1434  
Delta R.T. 0.012 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50

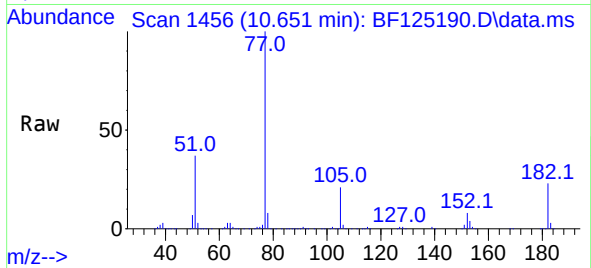


Tgt Ion:138 Resp: 182061  
Ion Ratio Lower Upper  
138 100  
92 50.7 29.6 69.6  
108 78.9 78.1 118.1



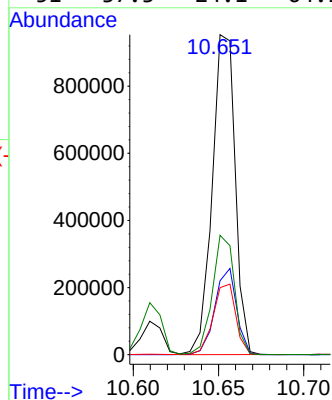


#63  
Azobenzene  
Concen: 39.362 ng  
RT: 10.651 min Scan# 1456  
Delta R.T. -0.000 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50



Tgt Ion: 77 Resp: 898096

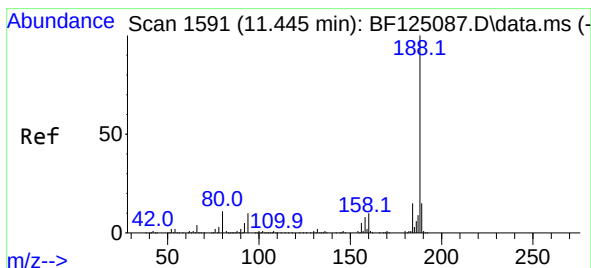
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 23.1  | 6.3   | 46.3  |
| 105 | 21.0  | 2.9   | 42.9  |
| 51  | 37.3  | 24.1  | 64.1  |



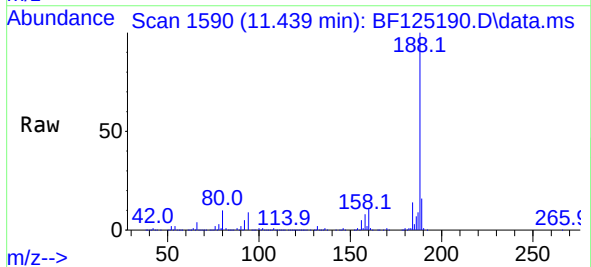
Instrument :  
BNA\_F  
ClientSampleId :  
124027MSD

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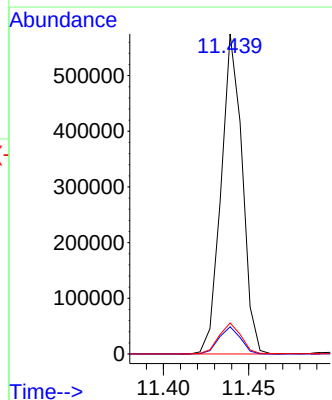
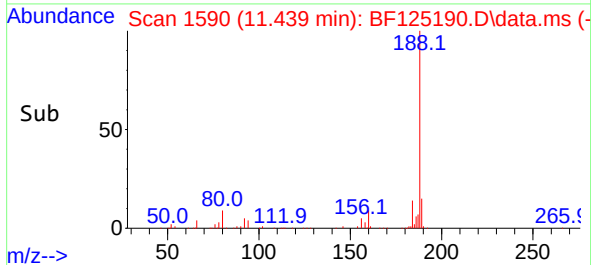


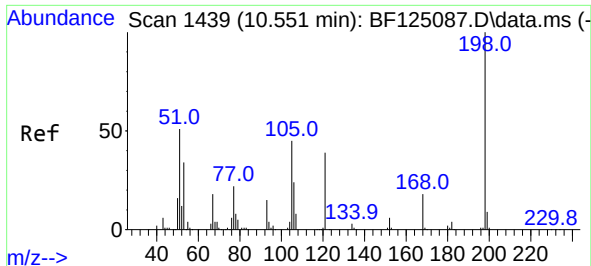
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.439 min Scan# 1590  
Delta R.T. -0.000 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50



Tgt Ion: 188 Resp: 495715

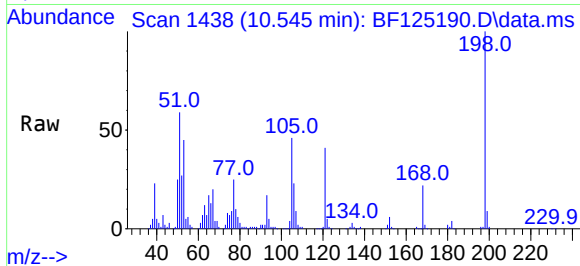
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 8.5   | 6.7   | 10.1  |
| 80  | 9.7   | 7.5   | 11.3  |





#65  
4,6-Dinitro-2-methylphenol  
Concen: 44.799 ng  
RT: 10.545 min Scan# 1438  
Delta R.T. 0.006 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50

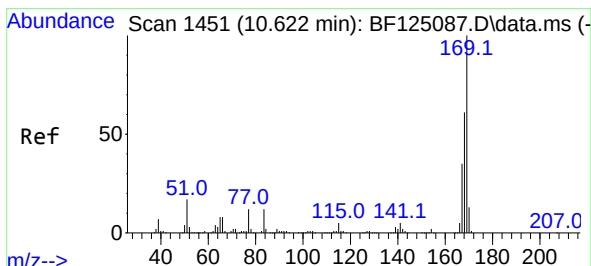
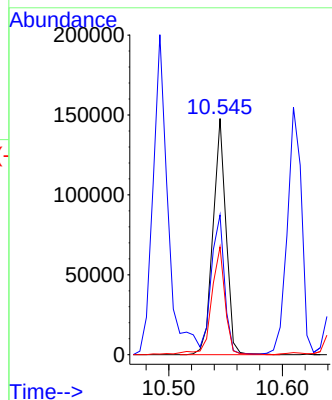
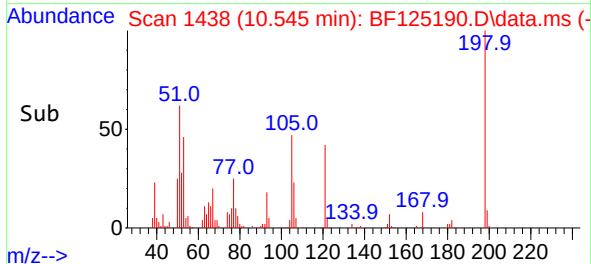
Instrument :  
BNA\_F  
ClientSampled :  
124027MSD



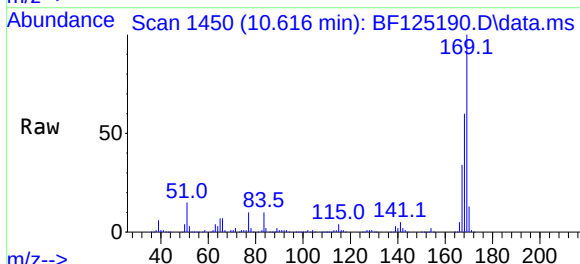
Tgt Ion:198 Resp: 117537  
Ion Ratio Lower Upper  
198 100  
51 59.1 45.3 85.3  
105 45.6 30.6 70.6

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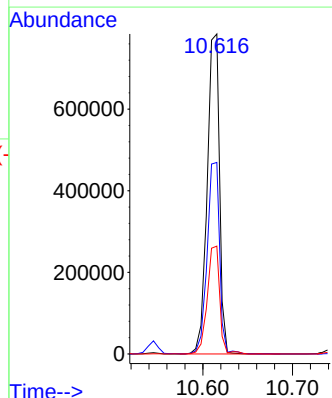
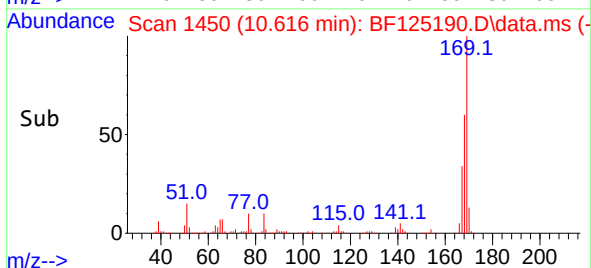
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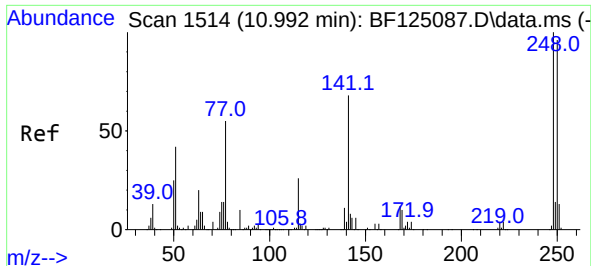


#66  
n-Nitrosodiphenylamine  
Concen: 42.058 ng  
RT: 10.616 min Scan# 1450  
Delta R.T. 0.006 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50



Tgt Ion:169 Resp: 746516  
Ion Ratio Lower Upper  
169 100  
168 59.8 50.8 76.2  
167 33.7 28.8 43.2





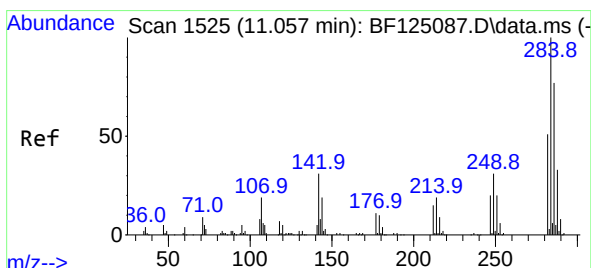
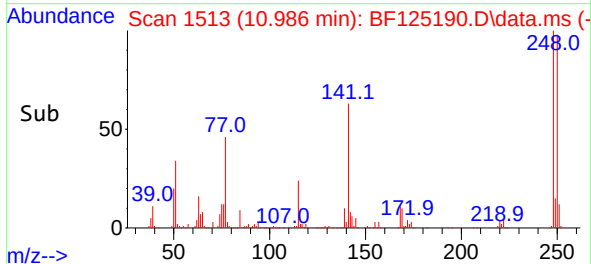
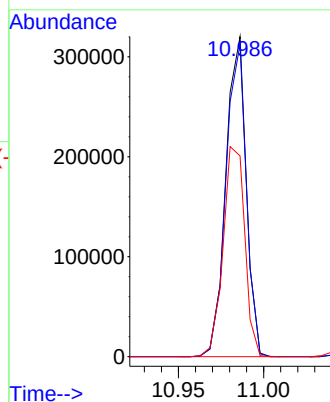
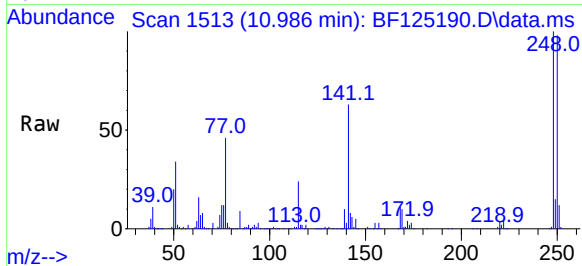
#67  
4-Bromophenyl-phenylether  
Concen: 44.890 ng  
RT: 10.986 min Scan# 1513  
Delta R.T. 0.006 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50

Instrument :  
BNA\_F  
ClientSampleId :  
124027MSD

Tgt Ion:248 Resp: 267213  
Ion Ratio Lower Upper  
248 100  
250 97.6 74.2 111.4  
141 62.7 60.4 90.6

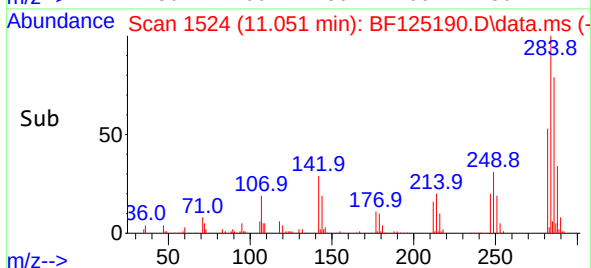
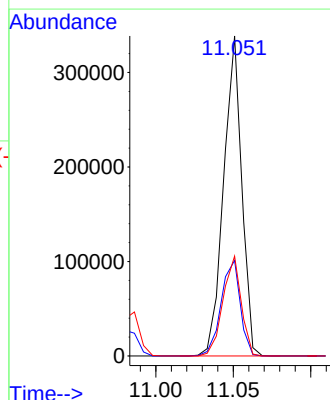
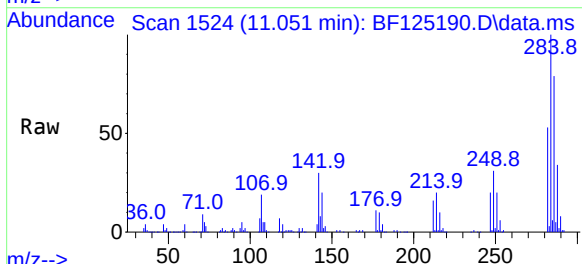
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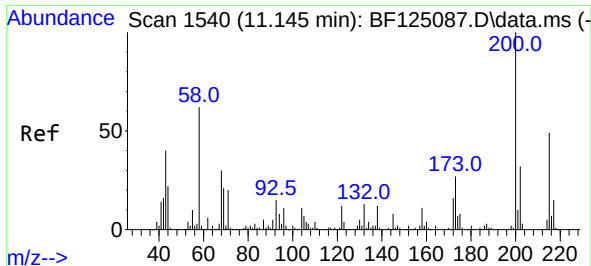
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#68  
Hexachlorobenzene  
Concen: 44.951 ng  
RT: 11.051 min Scan# 1524  
Delta R.T. -0.000 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50

Tgt Ion:284 Resp: 275268  
Ion Ratio Lower Upper  
284 100  
142 29.9 36.4 54.6#  
249 31.2 25.6 38.4





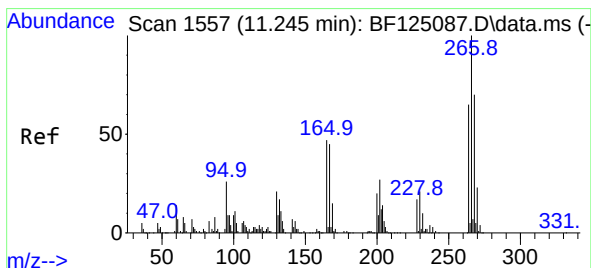
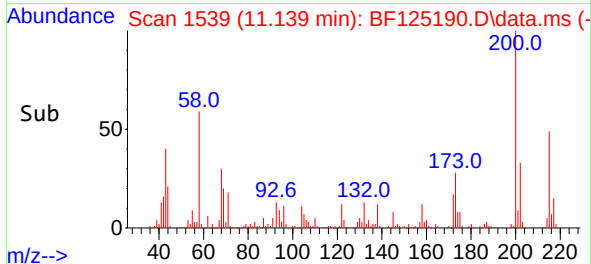
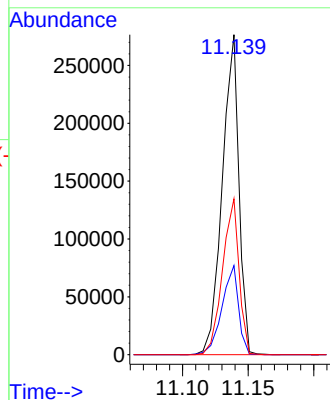
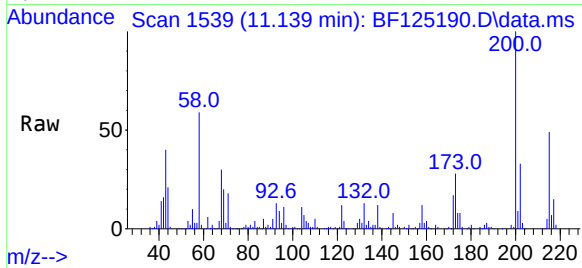
#69  
Atrazine  
Concen: 47.723 ng  
RT: 11.139 min Scan# 1539  
Delta R.T. 0.006 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50

Tgt Ion:200 Resp: 243069  
Ion Ratio Lower Upper  
200 100  
173 27.9 11.1 51.1  
215 48.7 22.7 62.7

Instrument :  
BNA\_F  
ClientSampled :  
124027MSD

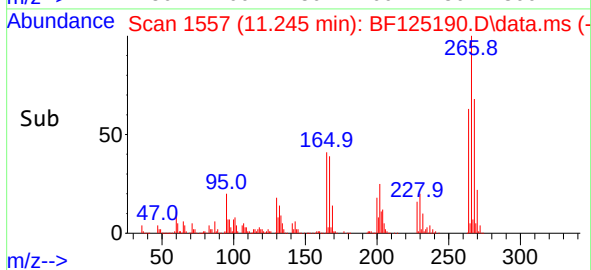
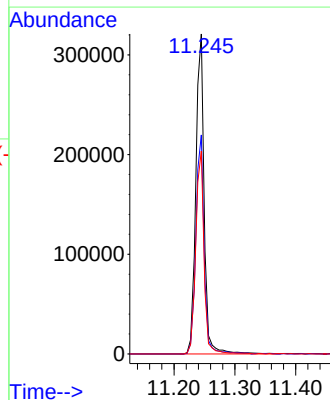
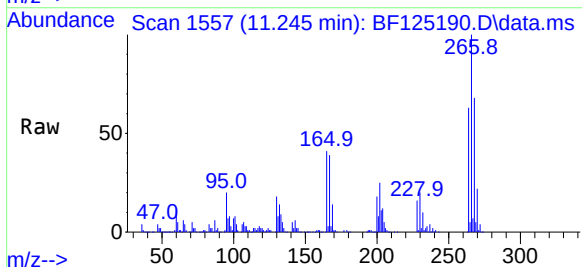
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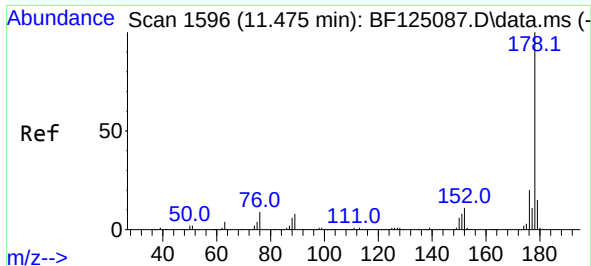
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#70  
Pentachlorophenol  
Concen: 85.378 ng  
RT: 11.245 min Scan# 1557  
Delta R.T. 0.006 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50

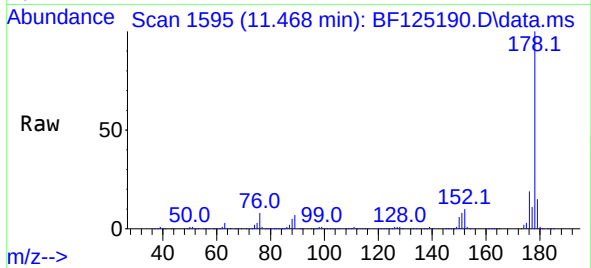
Tgt Ion:266 Resp: 305280  
Ion Ratio Lower Upper  
266 100  
268 68.5 48.9 73.3  
264 63.4 55.9 83.9





#71  
Phenanthrene  
Concen: 40.465 ng  
RT: 11.468 min Scan# 1595  
Delta R.T. 0.006 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50

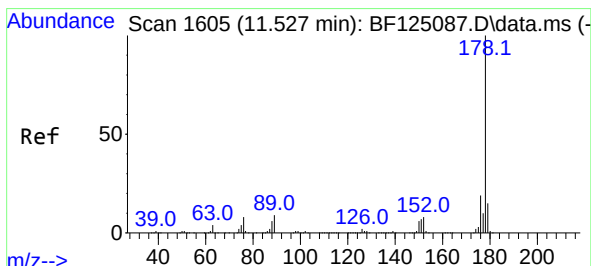
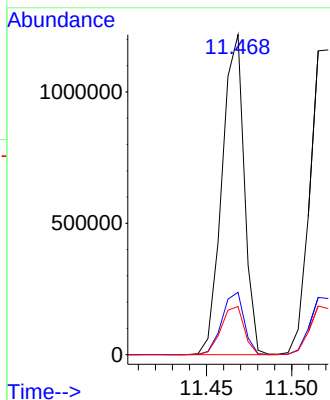
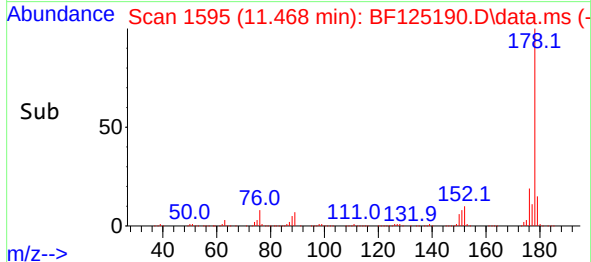
Instrument :  
BNA\_F  
ClientSampled :  
124027MSD



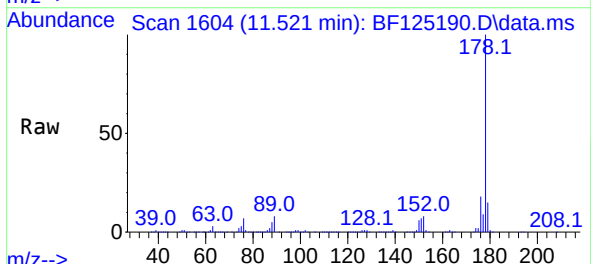
Tgt Ion:178 Resp: 1105262  
Ion Ratio Lower Upper  
178 100  
176 19.5 14.7 22.1  
179 15.0 11.5 17.3

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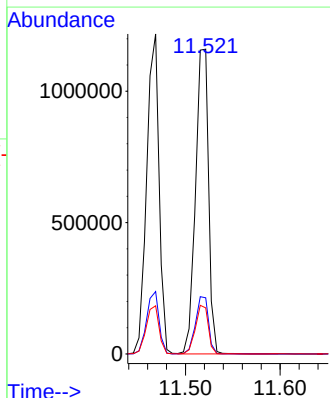
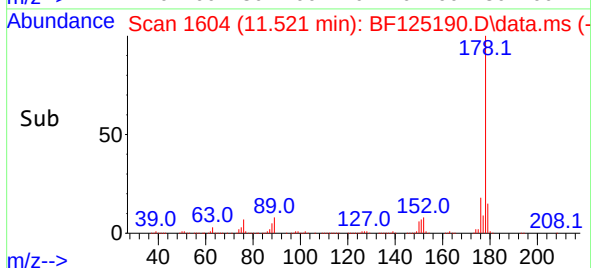
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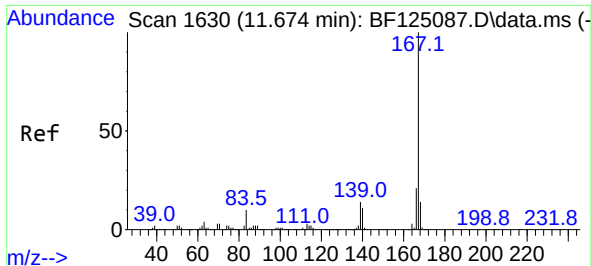


#72  
Anthracene  
Concen: 41.464 ng  
RT: 11.521 min Scan# 1604  
Delta R.T. 0.006 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50



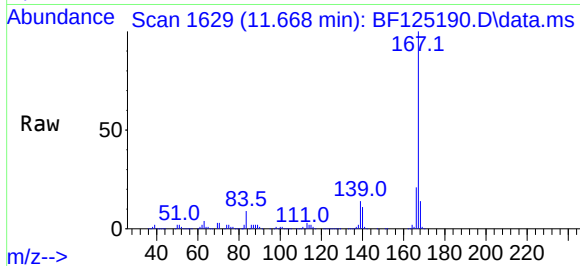
Tgt Ion:178 Resp: 1116318  
Ion Ratio Lower Upper  
178 100  
176 18.4 14.3 21.5  
179 15.1 12.2 18.4





#73  
Carbazole  
Concen: 38.180 ng  
RT: 11.668 min Scan# 1629  
Delta R.T. -0.000 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50

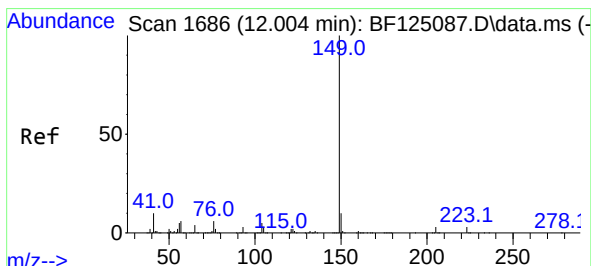
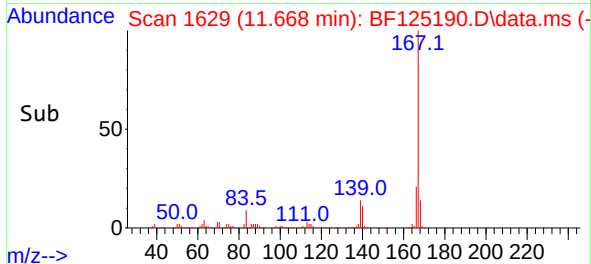
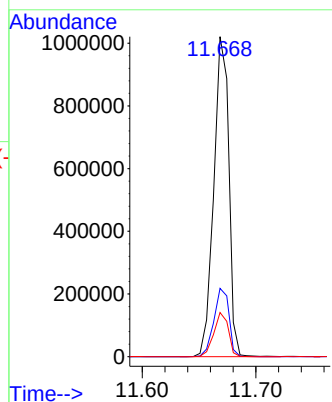
Instrument :  
BNA\_F  
ClientSampled :  
124027MSD



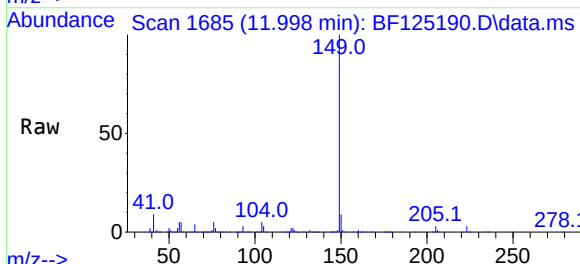
Tgt Ion:167 Resp: 939327  
Ion Ratio Lower Upper  
167 100  
166 21.4 17.4 26.0  
139 13.8 11.0 16.4

Manual Integrations  
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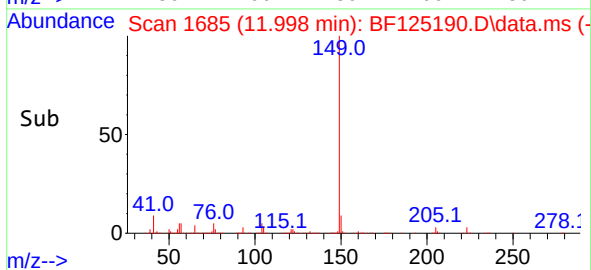
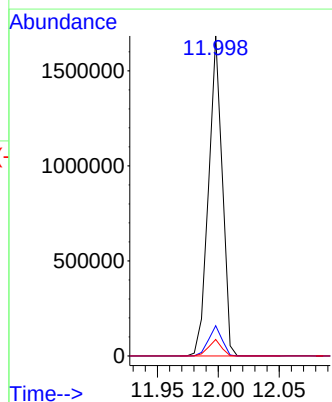
mohammad  
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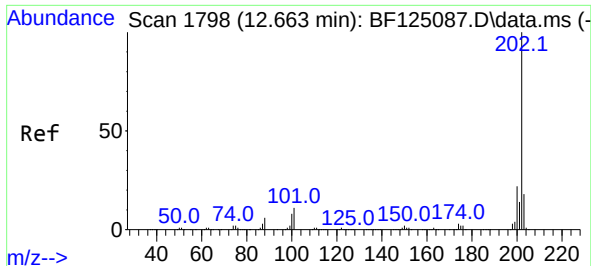
#74  
Di-n-butylphthalate  
Concen: 45.010 ng  
RT: 11.998 min Scan# 1685  
Delta R.T. -0.000 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50



Tgt Ion:149 Resp: 1314085  
Ion Ratio Lower Upper  
149 100  
150 9.4 7.4 11.2  
104 5.2 4.1 6.1







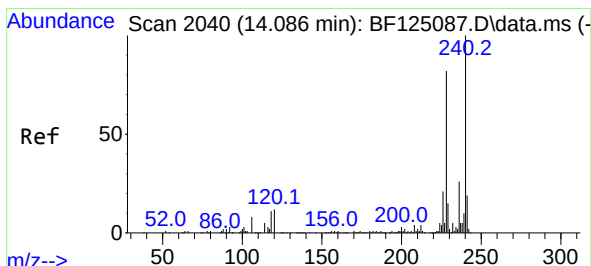
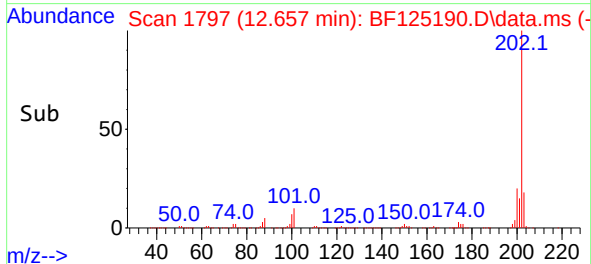
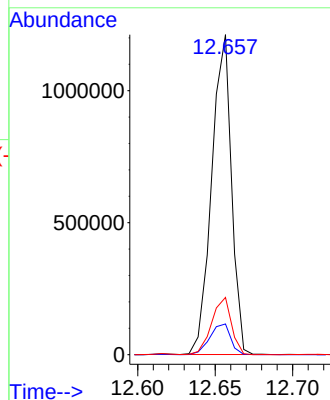
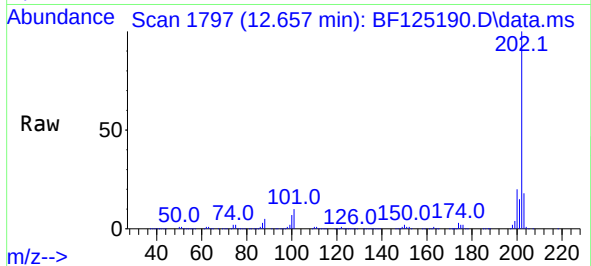
#75  
Fluoranthene  
Concen: 39.715 ng  
RT: 12.657 min Scan# 1797  
Delta R.T. 0.006 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50

Tgt Ion: 202 Resp: 1076360  
Ion Ratio Lower Upper  
202 100  
101 9.6 0.0 30.7  
203 17.9 0.0 36.3

Instrument :  
BNA\_F  
ClientSampleId :  
124027MSD

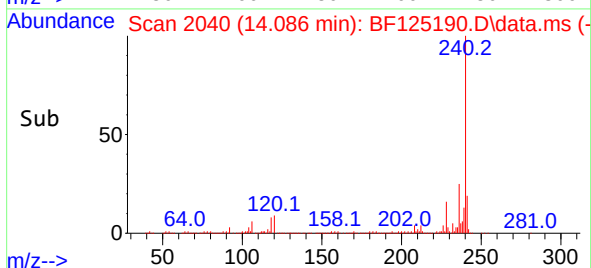
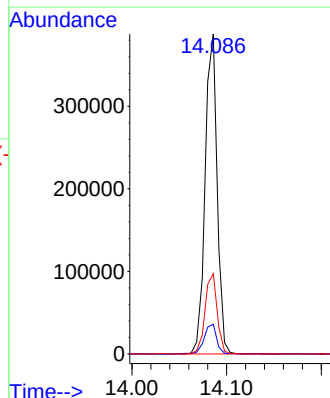
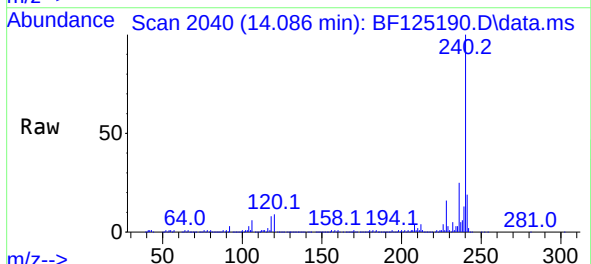
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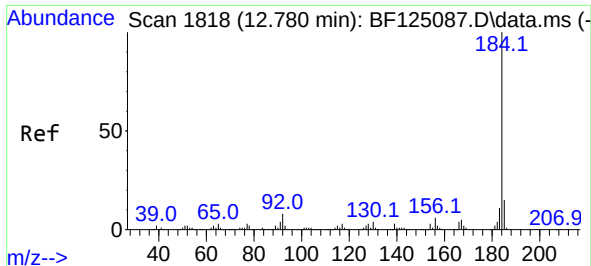
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#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.086 min Scan# 2040  
Delta R.T. 0.006 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50

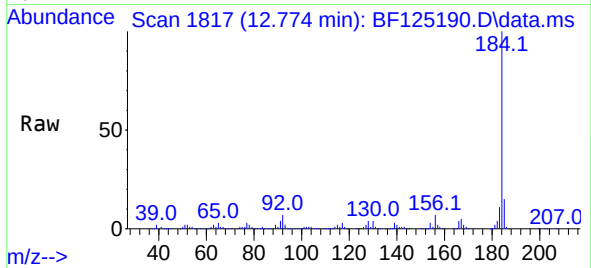
Tgt Ion: 240 Resp: 342077  
Ion Ratio Lower Upper  
240 100  
120 9.3 10.8 16.2#  
236 25.1 21.6 32.4





#77  
Benzidine  
Concen: 68.385 ng  
RT: 12.774 min Scan# 1817  
Delta R.T. -0.000 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50

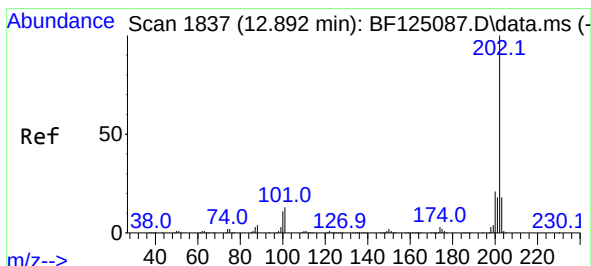
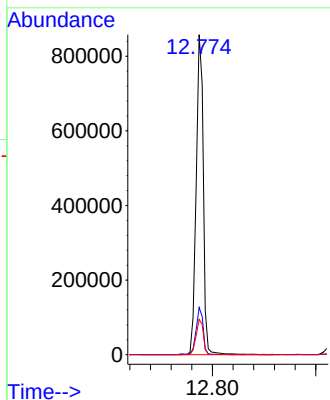
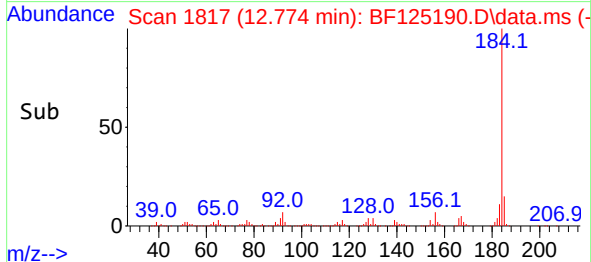
Instrument :  
BNA\_F  
ClientSampleId :  
124027MSD



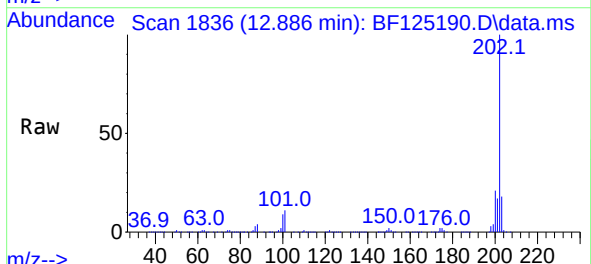
Tgt Ion:184 Resp: 816988  
Ion Ratio Lower Upper  
184 100  
185 14.7 10.8 16.2  
183 11.0 8.1 12.1

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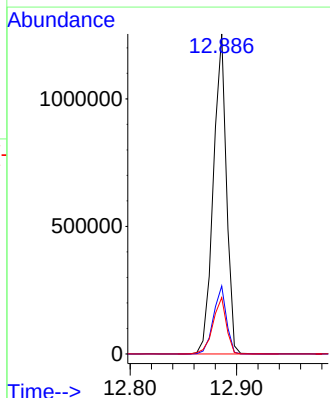
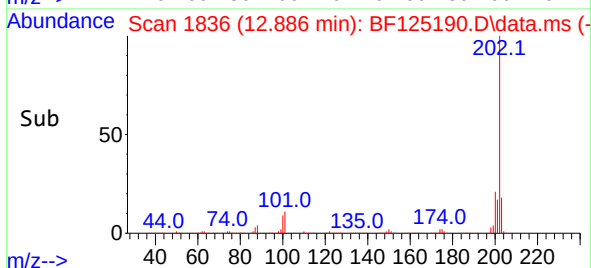
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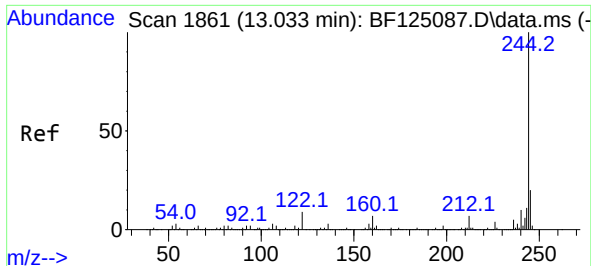


#78  
Pyrene  
Concen: 36.535 ng  
RT: 12.886 min Scan# 1836  
Delta R.T. -0.000 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50



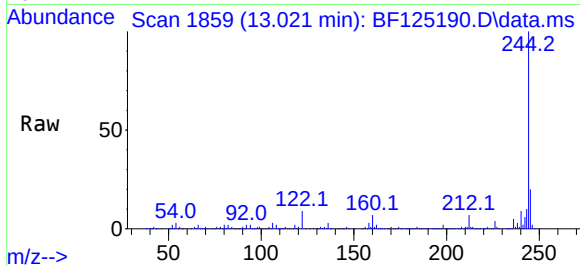
Tgt Ion:202 Resp: 1072072  
Ion Ratio Lower Upper  
202 100  
200 21.3 15.3 22.9  
203 17.6 13.4 20.0





#79  
Terphenyl-d14  
Concen: 46.249 ng  
RT: 13.021 min Scan# 1859  
Delta R.T. -0.000 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50

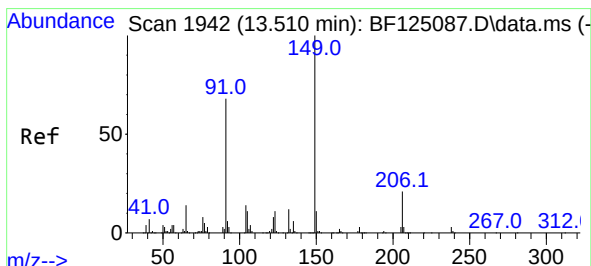
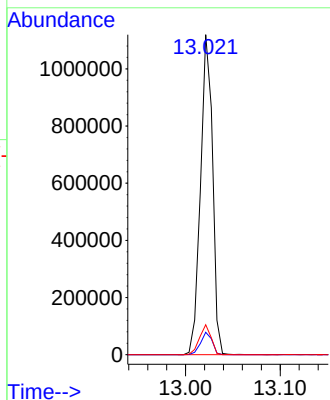
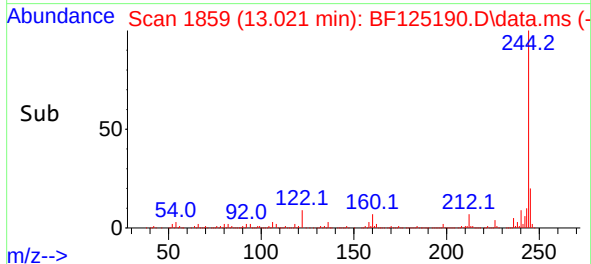
Instrument :  
BNA\_F  
ClientSampleId :  
124027MSD



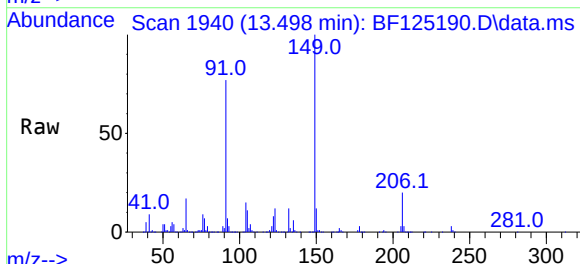
Tgt Ion:244 Resp: 993078  
Ion Ratio Lower Upper  
244 100  
212 7.0 5.9 8.9  
122 9.4 9.0 13.4

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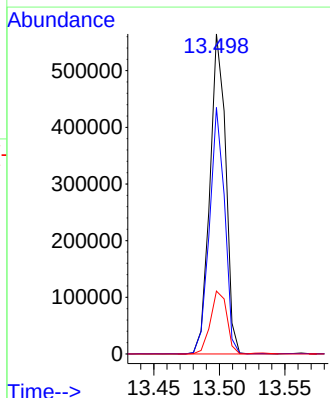
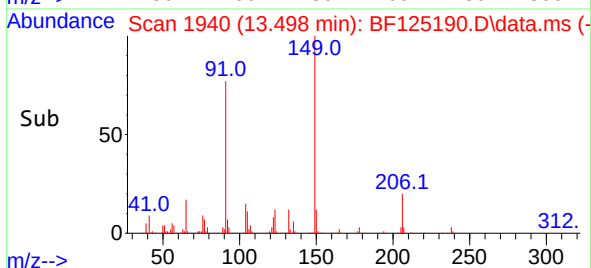
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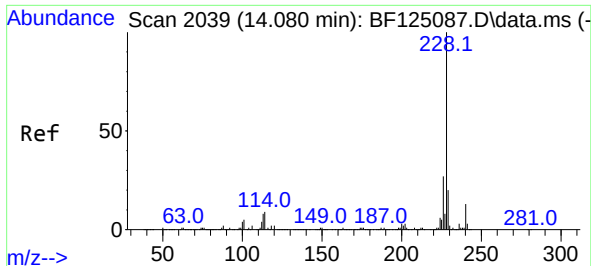


#80  
Butylbenzylphthalate  
Concen: 41.171 ng  
RT: 13.498 min Scan# 1940  
Delta R.T. -0.000 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50



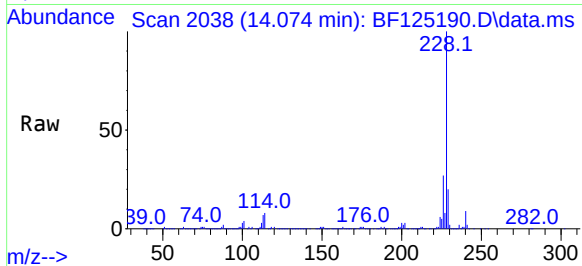
Tgt Ion:149 Resp: 474705  
Ion Ratio Lower Upper  
149 100  
91 77.0 51.8 77.8  
206 19.7 14.5 21.7





#81  
Benzo(a)anthracene  
Concen: 39.623 ng  
RT: 14.074 min Scan# 2038  
Delta R.T. 0.006 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50

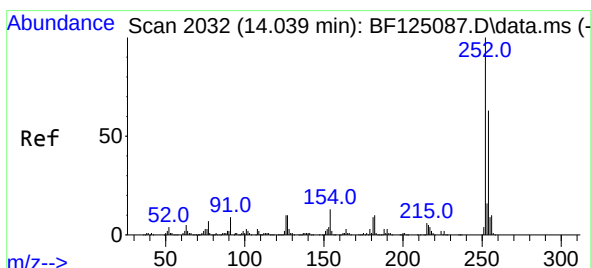
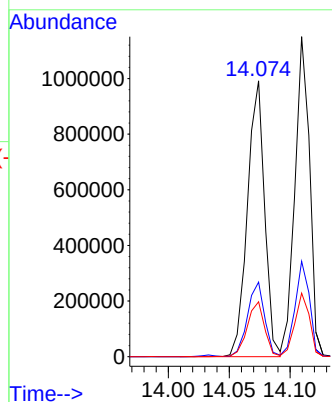
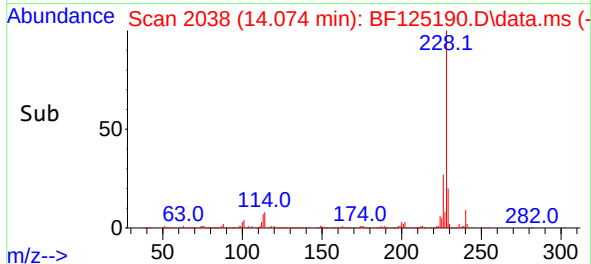
Instrument :  
BNA\_F  
ClientSampled :  
124027MSD



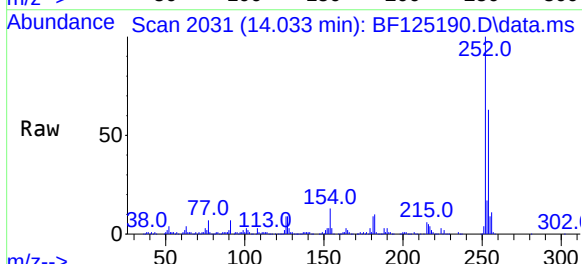
Tgt Ion:228 Resp: 976578  
Ion Ratio Lower Upper  
228 100  
226 27.0 21.6 32.4  
229 19.9 15.6 23.4

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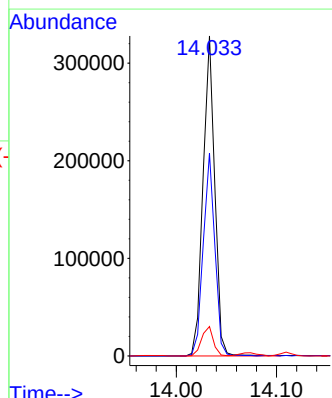
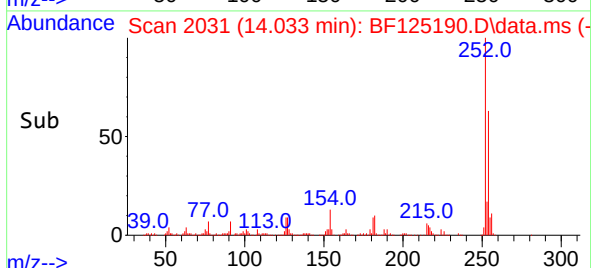
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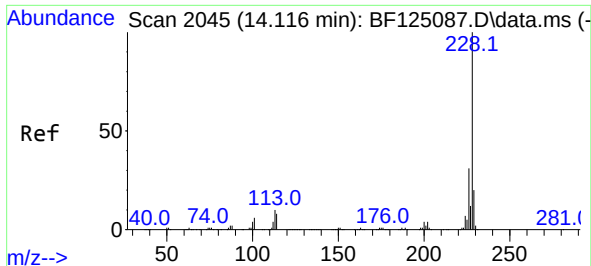


#82  
3,3'-Dichlorobenzidine  
Concen: 34.984 ng  
RT: 14.033 min Scan# 2031  
Delta R.T. -0.000 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50



Tgt Ion:252 Resp: 267280  
Ion Ratio Lower Upper  
252 100  
254 63.4 51.4 77.0  
126 9.2 9.5 14.3#





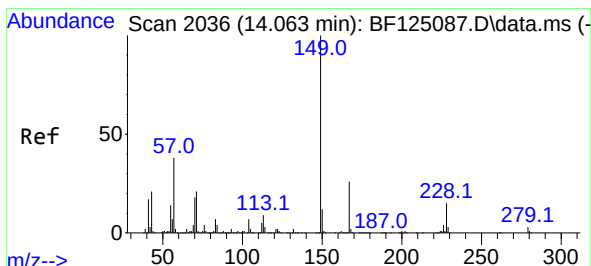
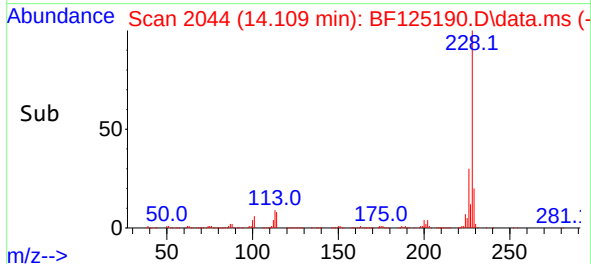
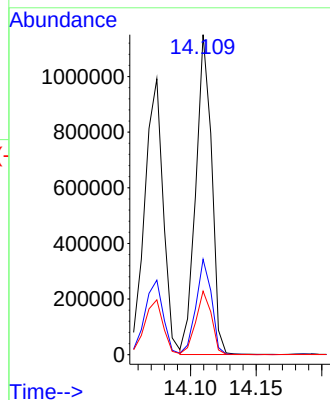
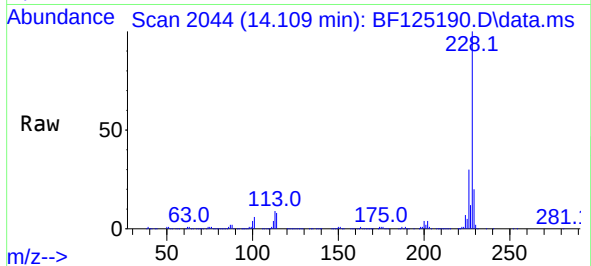
#83  
Chrysene  
Concen: 39.672 ng  
RT: 14.109 min Scan# 2044  
Delta R.T. -0.000 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 966981 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 29.8  | 22.6  | 34.0   |
| 229       | 19.8  | 15.9  | 23.9   |

Instrument :  
BNA\_F  
ClientSampleId :  
124027MSD

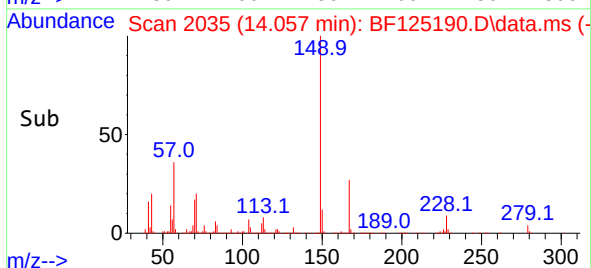
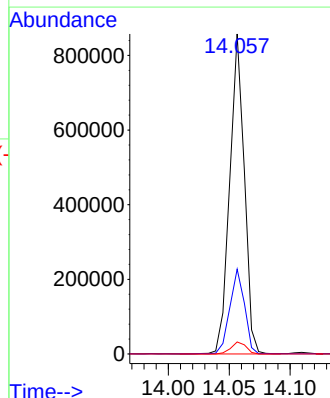
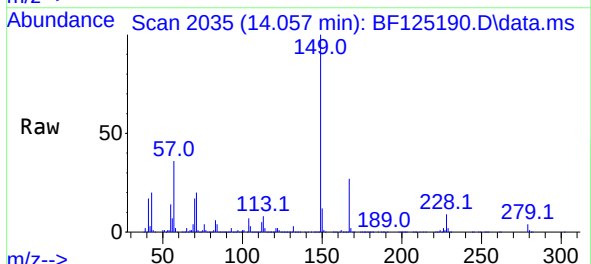
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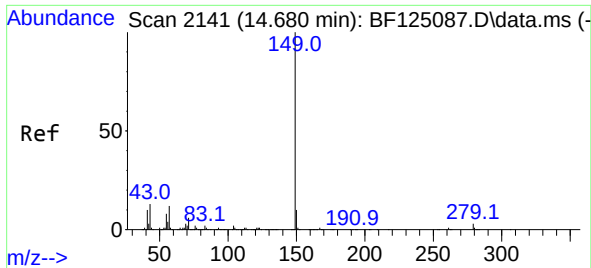
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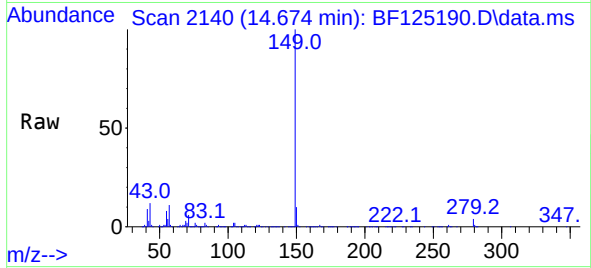
#84  
Bis(2-ethylhexyl)phthalate  
Concen: 45.055 ng  
RT: 14.057 min Scan# 2035  
Delta R.T. -0.000 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 713989 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 26.5  | 21.4  | 32.0   |
| 279       | 3.8   | 2.6   | 4.0    |

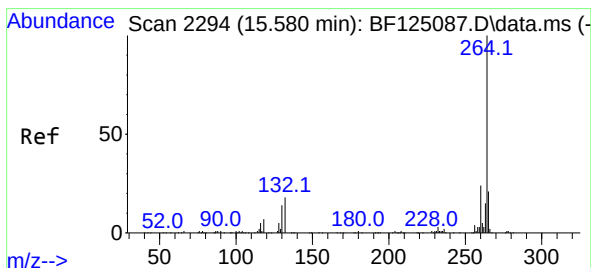
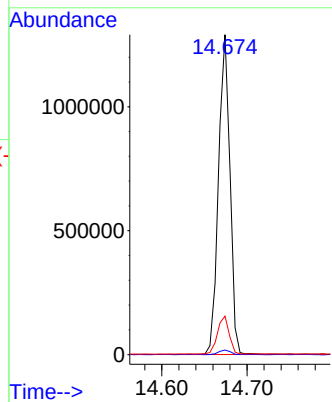
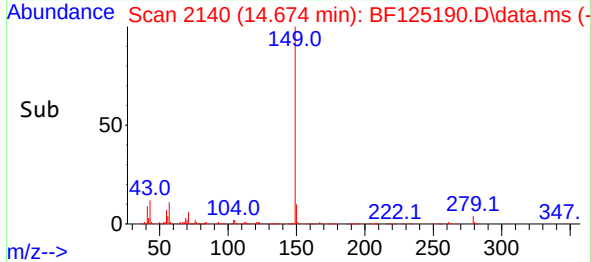




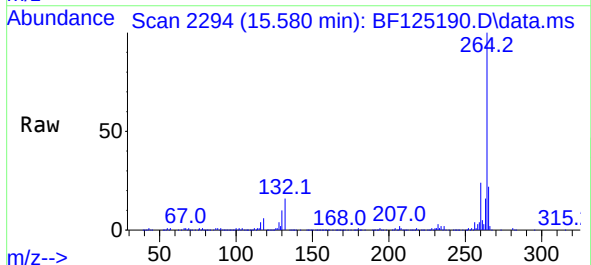
#85  
Di-n-octyl phthalate  
Concen: 45.685 ng  
RT: 14.674 min Scan# 2140  
Delta R.T. 0.006 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50



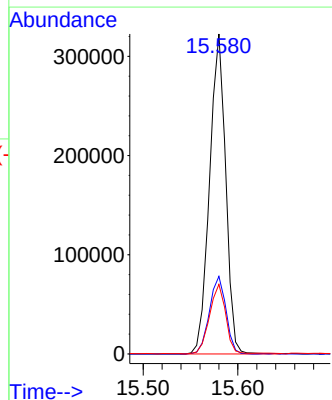
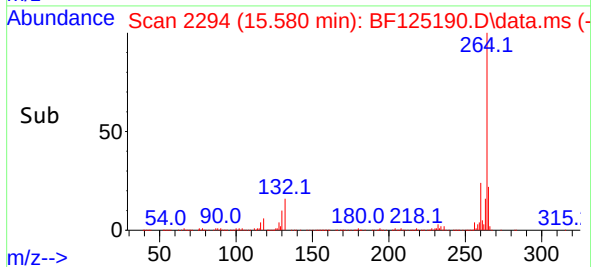
Tgt Ion:149 Resp: 1204115  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.0 1.6  
43 11.9 9.9 14.9



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.580 min Scan# 2294  
Delta R.T. 0.006 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50



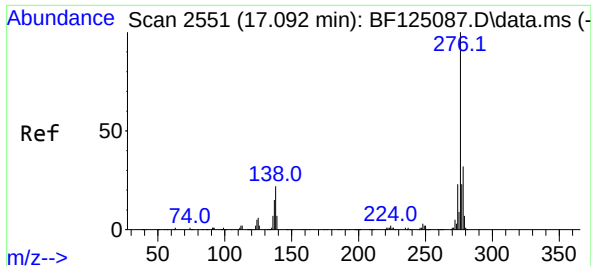
Tgt Ion:264 Resp: 380390  
Ion Ratio Lower Upper  
264 100  
260 24.3 19.6 29.4  
265 21.8 17.2 25.8



Instrument :  
BNA\_F  
ClientSampleId :  
124027MSD

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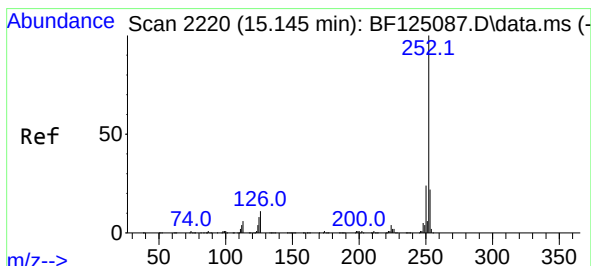
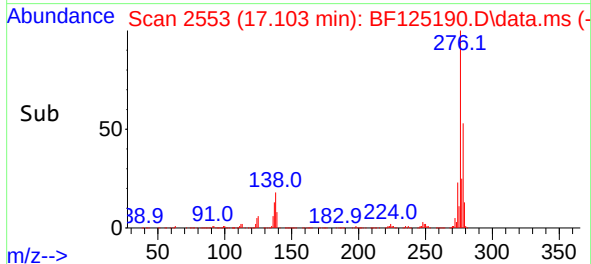
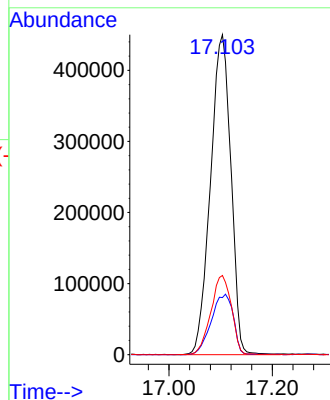
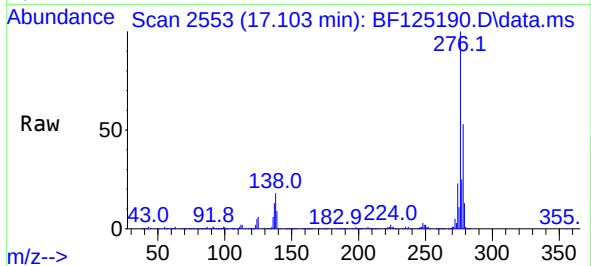
#87  
Indeno(1,2,3-cd)pyrene  
Concen: 45.037 ng  
RT: 17.103 min Scan# 2553  
Delta R.T. 0.012 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50

Tgt Ion: 276 Resp: 1234206  
Ion Ratio Lower Upper  
276 100  
138 20.5 24.1 36.1#  
277 25.0 18.8 28.2

Instrument :  
BNA\_F  
ClientSampled :  
124027MSD

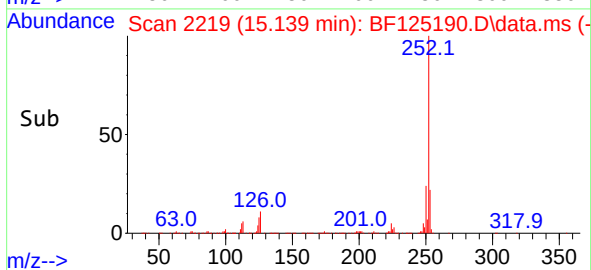
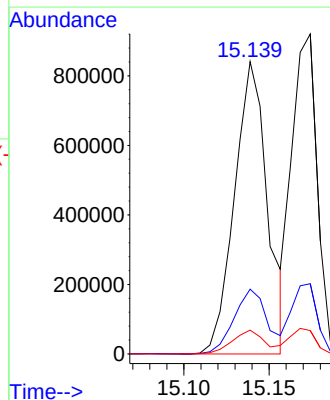
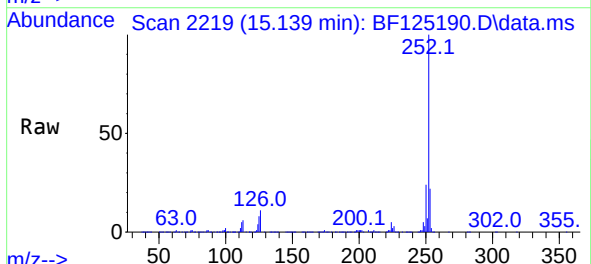
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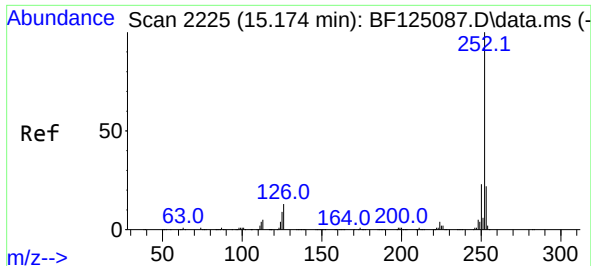
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#88  
Benzo(b)fluoranthene  
Concen: 40.720 ng  
RT: 15.139 min Scan# 2219  
Delta R.T. 0.006 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50

Tgt Ion: 252 Resp: 1131617  
Ion Ratio Lower Upper  
252 100  
253 22.2 16.8 25.2  
125 8.1 9.8 14.8#





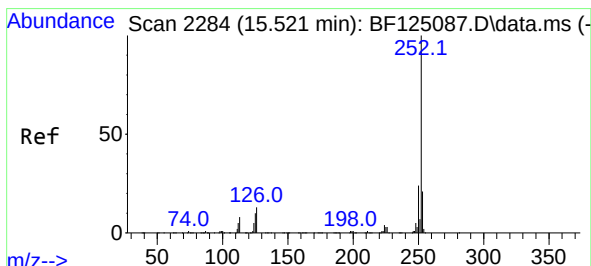
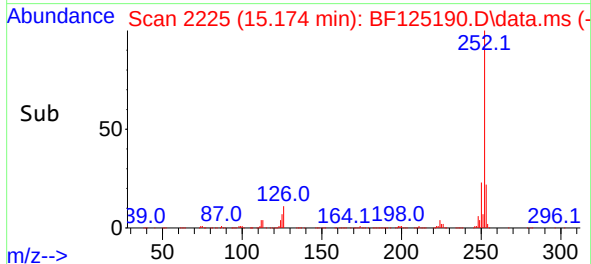
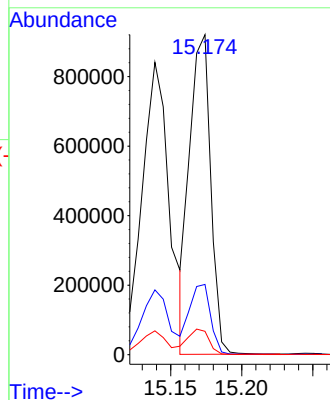
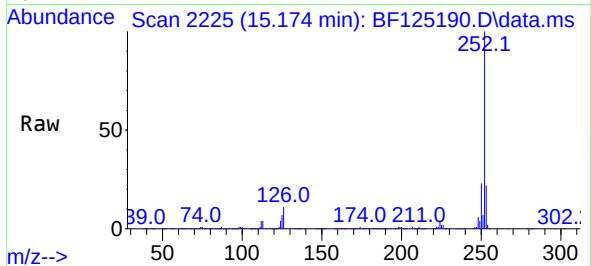
#89  
Benzo(k)fluoranthene  
Concen: 36.653 ng  
RT: 15.174 min Scan# 2225  
Delta R.T. 0.006 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50

Tgt Ion:252 Resp: 950502  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.8 26.8  
125 7.3 7.2 10.8

Instrument :  
BNA\_F  
ClientSampleId :  
124027MSD

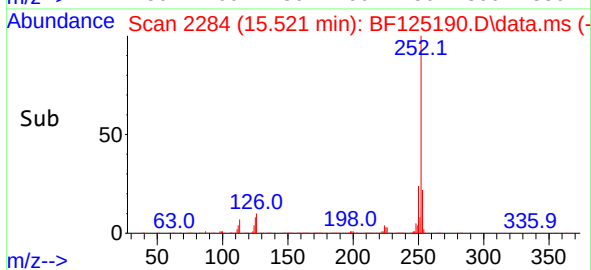
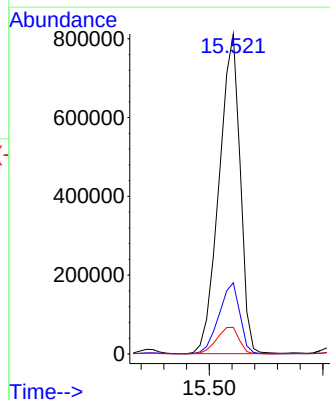
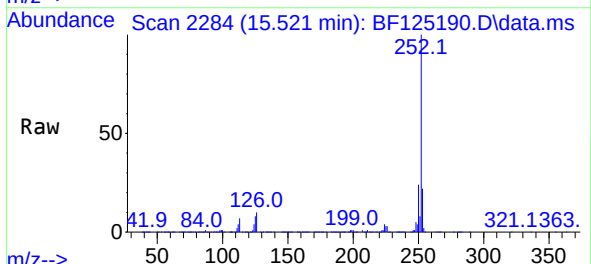
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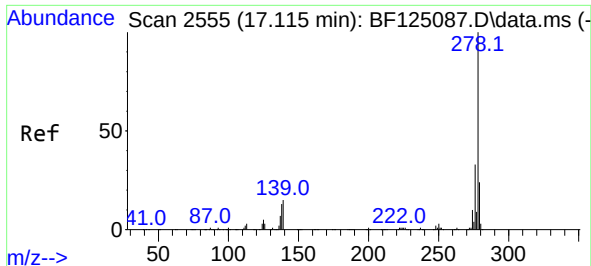


#90  
Benzo(a)pyrene  
Concen: 42.618 ng  
RT: 15.521 min Scan# 2284  
Delta R.T. 0.006 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50

Tgt Ion:252 Resp: 1046196  
Ion Ratio Lower Upper  
252 100  
253 22.2 18.4 27.6  
125 8.3 9.9 14.9#







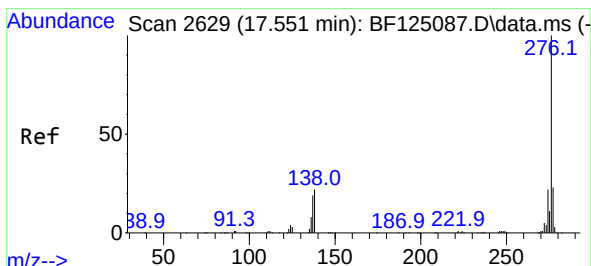
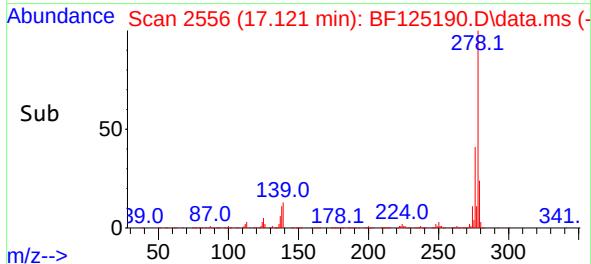
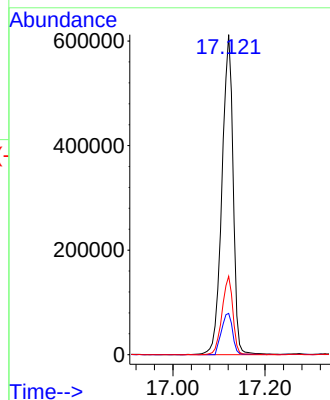
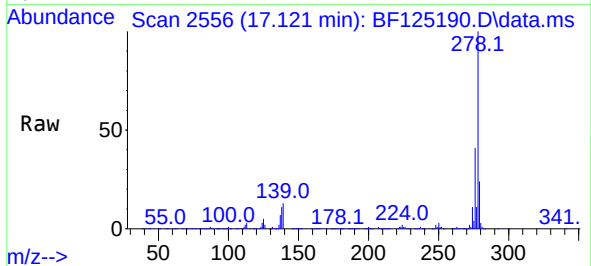
#91  
Dibenzo(a,h)anthracene  
Concen: 43.297 ng  
RT: 17.121 min Scan# 2556  
Delta R.T. 0.012 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50

Tgt Ion:278 Resp: 1025622  
Ion Ratio Lower Upper  
278 100  
139 12.9 14.9 22.3#  
279 24.5 19.7 29.5

Instrument :  
BNA\_F  
ClientSampleId :  
124027MSD

Manual Integrations  
APPROVED

mohammad  
8/25/2021 3:34:41 PM



#92  
Benzo(g,h,i)perylene  
Concen: 44.636 ng  
RT: 17.562 min Scan# 2631  
Delta R.T. 0.012 min  
Lab File: BF125190.D  
Acq: 24 Aug 2021 17:50

Tgt Ion:276 Resp: 1019493  
Ion Ratio Lower Upper  
276 100  
277 24.6 22.0 33.0  
138 18.9 22.2 33.4#

