

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102820\  
 Data File : BF122141.D  
 Acq On : 28 Oct 2020 10:15  
 Operator : JU/CG  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

mohammad  
 10/29/2020 10:44:45 AM

Quant Time: Oct 28 10:55:46 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF101220.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 26 17:27:32 2020  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.716  | 152  | 104157   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8            | 7.998  | 136  | 390459   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.751  | 164  | 205356   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.239 | 188  | 380705   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12              | 13.880 | 240  | 247435   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12              | 15.315 | 264  | 187764   | 20.00 | ng    | 0.01     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 5) 2-Fluorophenol             | 5.334  | 112  | 572150   | 81.07 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.375  | 99   | 692642   | 76.24 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.292  | 82   | 608232   | 79.89 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.545 | 330  | 206775   | 81.40 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.075  | 172  | 1045057  | 74.88 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.821 | 244  | 1143018  | 88.04 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.363  | 88   | 115321   | 37.15 | ng    | 98       |
| 3) Pyridine                   | 3.081  | 79   | 317656   | 38.92 | ng    | 95       |
| 4) n-Nitrosodimethylamine     | 3.051  | 42   | 159900   | 40.54 | ng    | 93       |
| 6) Aniline                    | 6.386  | 93   | 423403   | 37.85 | ng    | # 40     |
| 8) 2-Chlorophenol             | 6.510  | 128  | 282344   | 39.58 | ng    | 99       |
| 9) Benzaldehyde               | 6.275  | 77   | 202206   | 40.69 | ng    | 98       |
| 10) Phenol                    | 6.386  | 94   | 360522   | 38.45 | ng    | # 73     |
| 11) bis(2-Chloroethyl)ether   | 6.457  | 93   | 281378   | 38.82 | ng    | 100      |
| 12) 1,3-Dichlorobenzene       | 6.657  | 146  | 314304   | 39.17 | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.733  | 146  | 315527   | 39.17 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 6.886  | 146  | 288204   | 39.14 | ng    | 97       |
| 15) Benzyl Alcohol            | 6.875  | 79   | 245179   | 41.73 | ng    | 94       |
| 16) 2,2'-oxybis(1-Chloropr... | 6.998  | 45   | 424480   | 38.06 | ng    | 53       |
| 17) 2-Methylphenol            | 6.992  | 107  | 230856   | 37.85 | ng    | # 88     |
| 18) Hexachloroethane          | 7.222  | 117  | 116776   | 40.13 | ng    | 95       |
| 19) n-Nitroso-di-n-propyla... | 7.139  | 70   | 209354   | 40.48 | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.151  | 107  | 304412   | 41.39 | ng    | # 62     |
| 22) Acetophenone              | 7.133  | 105  | 406163   | 40.43 | ng    | # 89     |
| 24) Nitrobenzene              | 7.310  | 77   | 326948   | 40.18 | ng    | 99       |
| 25) Isophorone                | 7.551  | 82   | 575189   | 39.95 | ng    | 98       |
| 26) 2-Nitrophenol             | 7.628  | 139  | 151391   | 40.40 | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 7.669  | 122  | 247345   | 38.72 | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 7.757  | 93   | 354475   | 39.36 | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 7.875  | 162  | 241586   | 40.38 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 7.945  | 180  | 248438   | 39.06 | ng    | 100      |
| 31) Naphthalene               | 8.022  | 128  | 811756   | 38.81 | ng    | 100      |
| 32) Benzoic acid              | 7.839  | 122  | 111919   | 33.43 | ng    | 96       |
| 33) 4-Chloroaniline           | 8.080  | 127  | 356842   | 40.05 | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.133  | 225  | 152618   | 40.46 | ng    | 99       |
| 35) Caprolactam               | 8.469  | 113  | 77332m   | 40.70 | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.575  | 107  | 260527   | 40.55 | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.710  | 142  | 530567   | 39.16 | ng    | 98       |
| 38) 1-Methylnaphthalene       | 8.810  | 142  | 487198   | 38.84 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 8.880  | 216  | 259206   | 39.11 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.857  | 237  | 43089    | 35.04 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.004  | 196  | 159592   | 39.02 | ng    | 100      |

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Manual Integrations  
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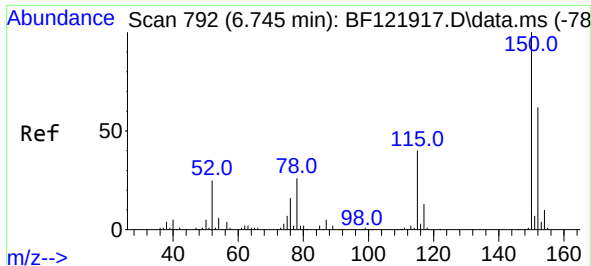
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF101220.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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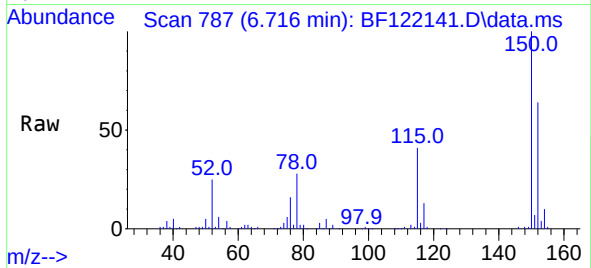
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.051  | 196  | 164169   | 37.17 | ng    | 97       |
| 46) 1,1'-Biphenyl             | 9.175  | 154  | 642967   | 38.51 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.204  | 162  | 498687   | 38.40 | ng    | 98       |
| 48) 2-Nitroaniline            | 9.310  | 65   | 175514   | 40.98 | ng    | 95       |
| 49) Acenaphthylene            | 9.616  | 152  | 749292   | 37.57 | ng    | 100      |
| 50) Dimethylphthalate         | 9.480  | 163  | 584665   | 38.94 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.551  | 165  | 130973   | 39.76 | ng    | 95       |
| 52) Acenaphthene              | 9.786  | 154  | 455966   | 38.44 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.727  | 138  | 146198   | 39.03 | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 9.851  | 184  | 48179    | 34.24 | ng #  | 80       |
| 55) Dibenzofuran              | 9.957  | 168  | 668820   | 38.55 | ng    | 97       |
| 56) 4-Nitrophenol             | 9.916  | 139  | 69264    | 33.99 | ng    | 88       |
| 57) 2,4-Dinitrotoluene        | 9.963  | 165  | 164999   | 40.69 | ng #  | 86       |
| 58) Fluorene                  | 10.304 | 166  | 546574   | 39.10 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.086 | 232  | 138386   | 40.50 | ng    | 97       |
| 60) Diethylphthalate          | 10.174 | 149  | 584666   | 40.38 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 10.292 | 204  | 268080   | 39.99 | ng    | 99       |
| 62) 4-Nitroaniline            | 10.345 | 138  | 135553   | 36.22 | ng    | 92       |
| 63) Azobenzene                | 10.451 | 77   | 609017   | 39.77 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.380 | 198  | 92267    | 37.26 | ng    | 98       |
| 66) n-Nitrosodiphenylamine    | 10.416 | 169  | 508022   | 38.74 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.780 | 248  | 173947   | 39.55 | ng    | 97       |
| 68) Hexachlorobenzene         | 10.851 | 284  | 194457   | 39.06 | ng    | 98       |
| 69) Atrazine                  | 10.945 | 200  | 129741   | 40.46 | ng    | 98       |
| 70) Pentachlorophenol         | 11.063 | 266  | 64854    | 37.79 | ng    | 99       |
| 71) Phenanthrene              | 11.263 | 178  | 803581   | 38.50 | ng    | 100      |
| 72) Anthracene                | 11.316 | 178  | 828808   | 38.28 | ng    | 100      |
| 73) Carbazole                 | 11.474 | 167  | 733287   | 38.09 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.798 | 149  | 878271   | 39.66 | ng    | 99       |
| 75) Fluoranthene              | 12.451 | 202  | 838797   | 37.48 | ng    | 98       |
| 77) Benzidine                 | 12.580 | 184  | 270430   | 35.45 | ng    | 99       |
| 78) Pyrene                    | 12.680 | 202  | 833022   | 44.18 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.292 | 149  | 328737   | 43.96 | ng    | 98       |
| 81) Benzo(a)anthracene        | 13.868 | 228  | 651218   | 40.16 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 13.833 | 252  | 229538   | 38.16 | ng    | 99       |
| 83) Chrysene                  | 13.909 | 228  | 631162   | 39.65 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 13.845 | 149  | 431253   | 42.48 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.457 | 149  | 638484   | 38.88 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.721 | 276  | 531405   | 43.59 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 14.904 | 252  | 522155   | 41.14 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 14.933 | 252  | 520852   | 43.20 | ng    | 100      |
| 90) Benzo(a)pyrene            | 15.256 | 252  | 459625   | 41.93 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 16.721 | 278  | 439641   | 43.80 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.145 | 276  | 459027   | 45.69 | ng    | 97       |

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

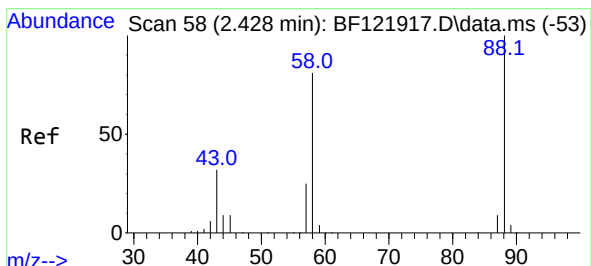
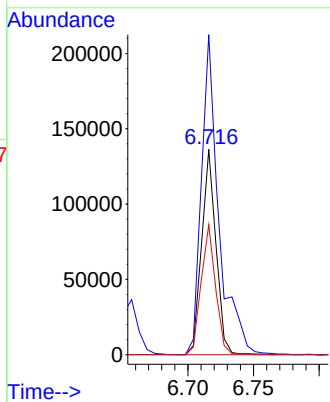
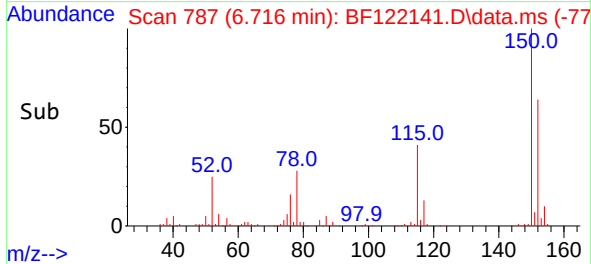




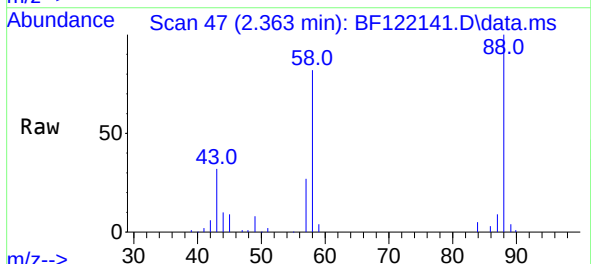
#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.716 min Scan# 787  
Delta R.T. -0.000 min  
Lab File: BF122141.D  
Acq: 28 Oct 2020 10:15



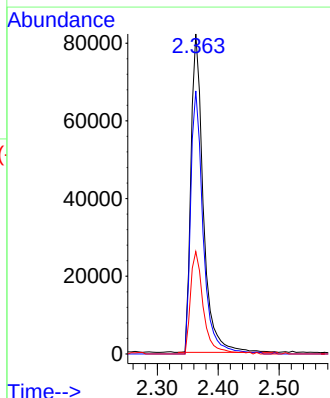
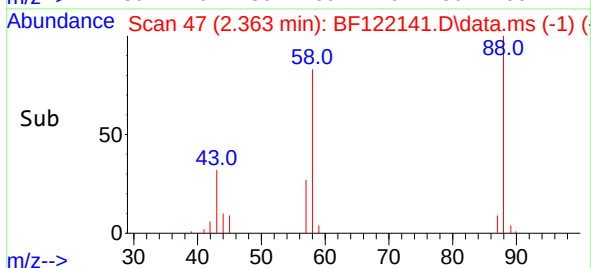
Tgt Ion:152 Resp: 104157  
Ion Ratio Lower Upper  
152 100  
150 155.9 125.3 187.9  
115 63.3 51.9 77.9



#2  
1,4-Dioxane  
Concen: 37.15 ng  
RT: 2.363 min Scan# 47  
Delta R.T. -0.000 min  
Lab File: BF122141.D  
Acq: 28 Oct 2020 10:15



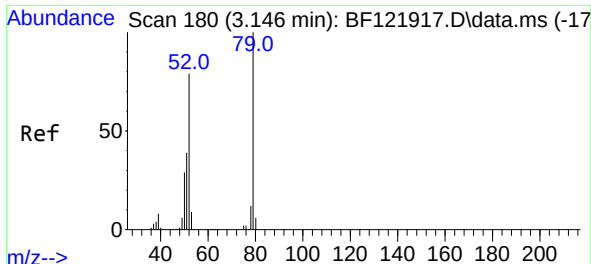
Tgt Ion: 88 Resp: 115321  
Ion Ratio Lower Upper  
88 100  
58 83.6 65.8 98.8  
43 33.3 25.8 38.8



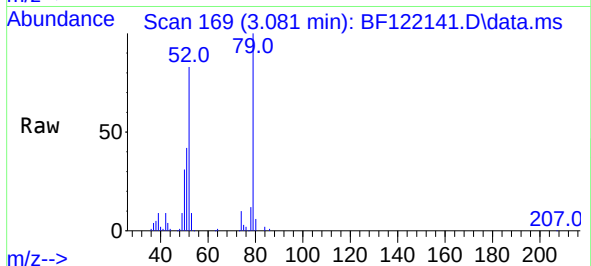
Instrument :  
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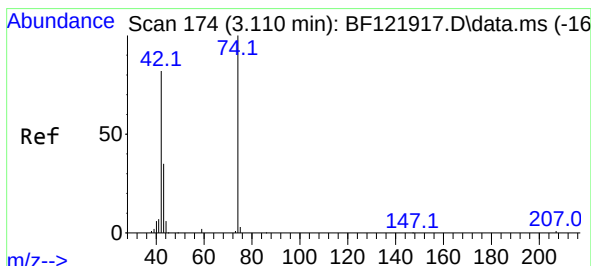
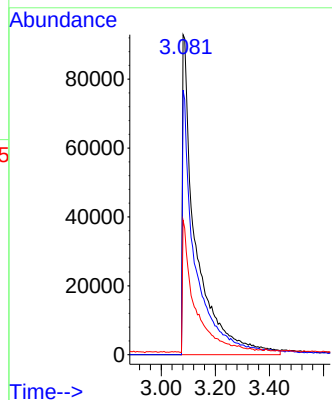
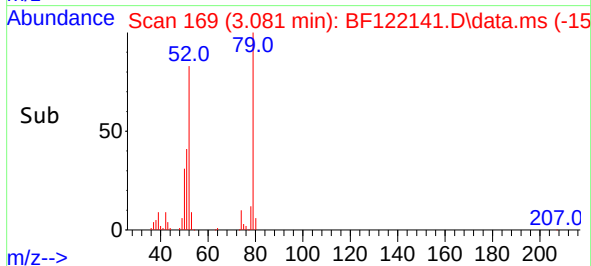
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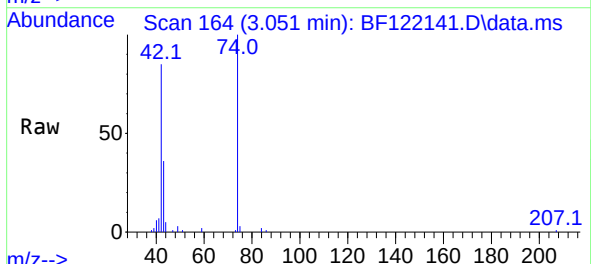
#3  
Pyridine  
Concen: 38.92 ng  
RT: 3.081 min Scan# 169  
Delta R.T. -0.000 min  
Lab File: BF122141.D  
Acq: 28 Oct 2020 10:15



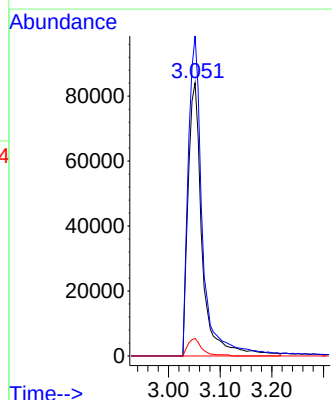
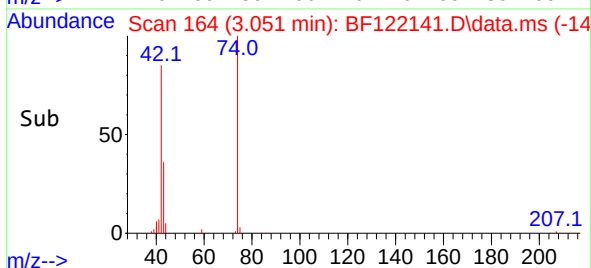
Tgt Ion: 79 Resp: 317656  
Ion Ratio Lower Upper  
79 100  
52 82.7 62.2 93.4  
51 42.0 31.1 46.7



#4  
n-Nitrosodimethylamine  
Concen: 40.54 ng  
RT: 3.051 min Scan# 164  
Delta R.T. 0.006 min  
Lab File: BF122141.D  
Acq: 28 Oct 2020 10:15



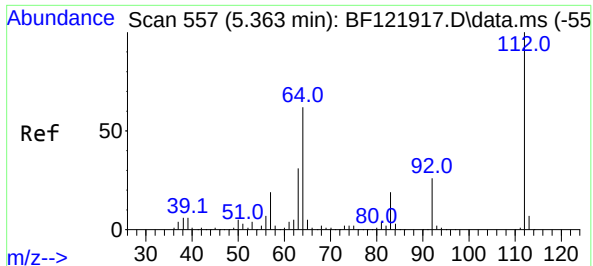
Tgt Ion: 42 Resp: 159900  
Ion Ratio Lower Upper  
42 100  
74 117.2 100.2 150.2  
44 6.4 5.8 8.6



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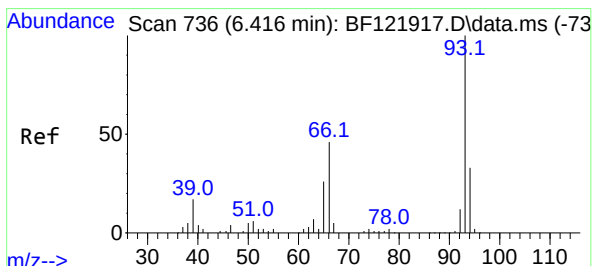
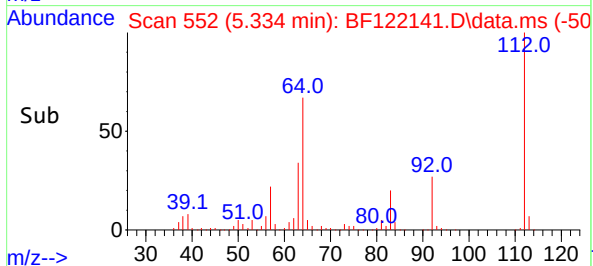
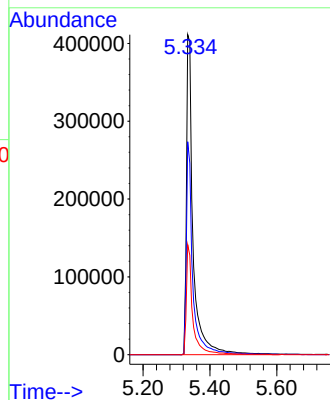
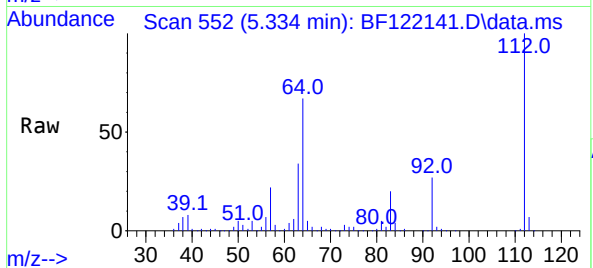
#5  
2-Fluorophenol  
Concen: 81.07 ng  
RT: 5.334 min Scan# 552  
Delta R.T. -0.000 min  
Lab File: BF122141.D  
Acq: 28 Oct 2020 10:15

Tgt Ion: 112 Resp: 572150  
Ion Ratio Lower Upper  
112 100  
64 66.6 50.4 75.6  
63 34.4 25.8 38.6

Instrument :  
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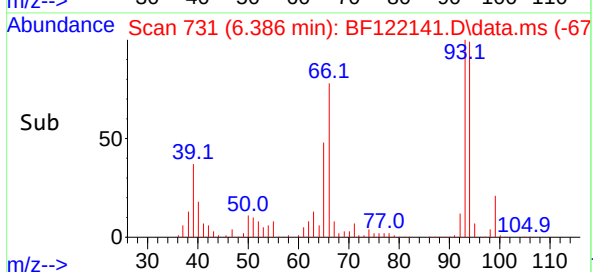
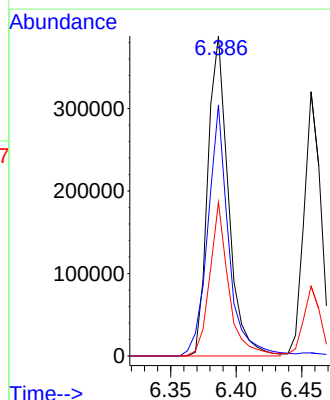
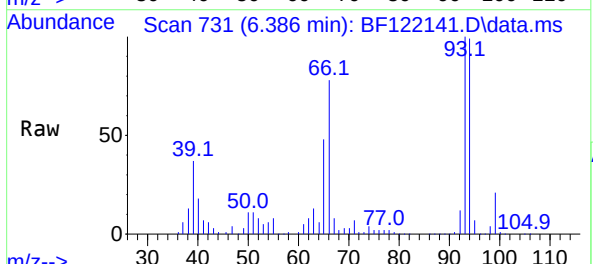
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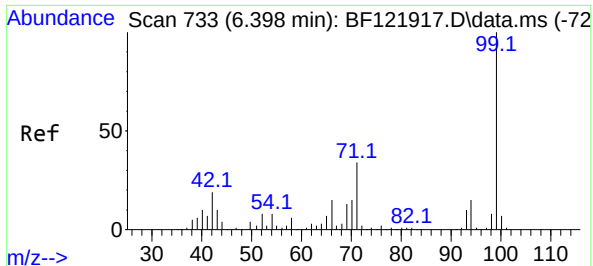
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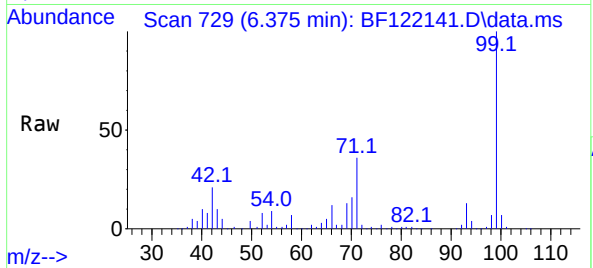
#6  
Aniline  
Concen: 37.85 ng  
RT: 6.386 min Scan# 731  
Delta R.T. 0.006 min  
Lab File: BF122141.D  
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Tgt Ion: 93 Resp: 423403  
Ion Ratio Lower Upper  
93 100  
66 78.5 32.7 49.1#  
65 48.1 16.6 24.8#

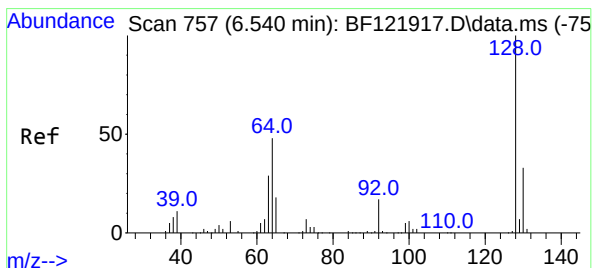
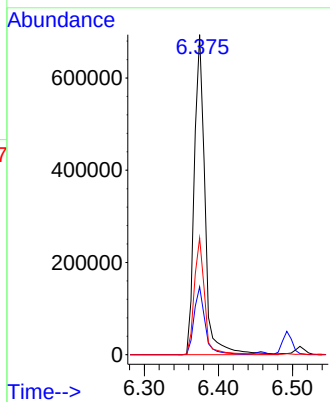
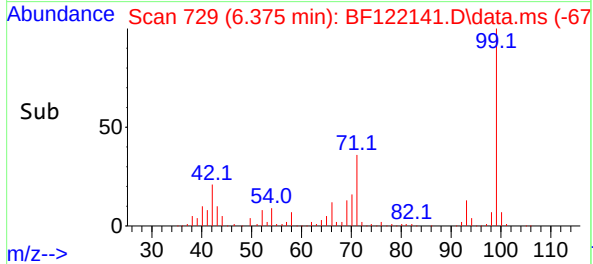




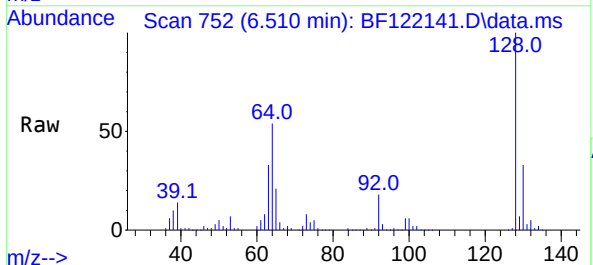
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Phenol-d6  
Concen: 76.24 ng  
RT: 6.375 min Scan# 729  
Delta R.T. 0.006 min  
Lab File: BF122141.D  
Acq: 28 Oct 2020 10:15



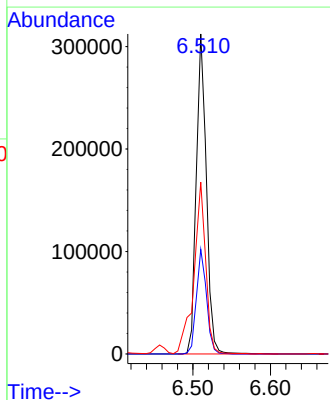
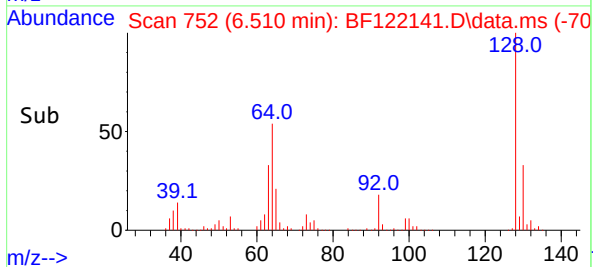
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Ion Ratio Lower Upper  
99 100  
42 21.2 15.9 23.9  
71 36.5 27.1 40.7



#8  
2-Chlorophenol  
Concen: 39.58 ng  
RT: 6.510 min Scan# 752  
Delta R.T. 0.006 min  
Lab File: BF122141.D  
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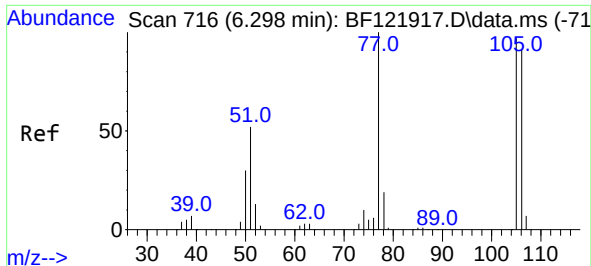
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Ion Ratio Lower Upper  
128 100  
130 32.7 12.4 52.4  
64 53.7 34.8 74.8



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#9  
Benzaldehyde  
Concen: 40.69 ng  
RT: 6.275 min Scan# 712  
Delta R.T. 0.006 min  
Lab File: BF122141.D  
Acq: 28 Oct 2020 10:15

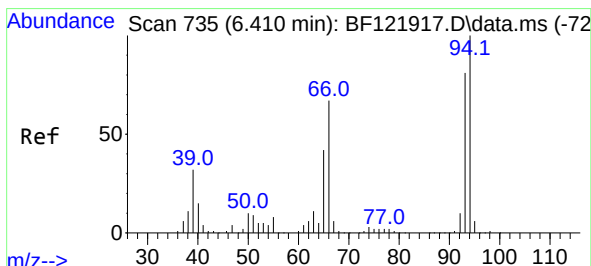
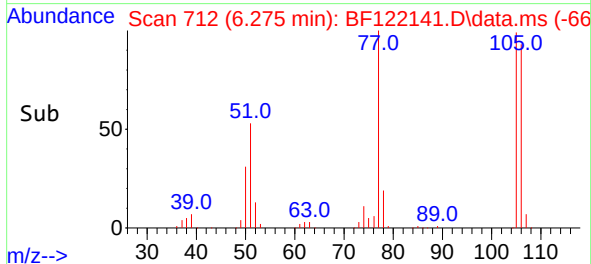
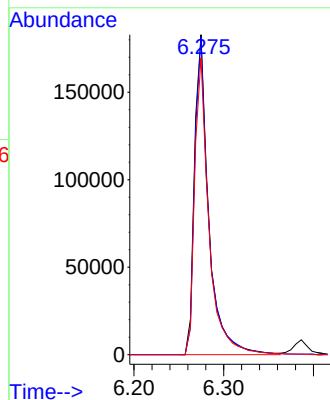
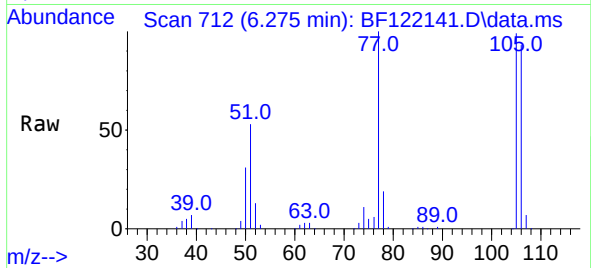
Tgt Ion: 77 Resp: 202206

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 105 | 99.2  | 76.7  | 116.7 |
| 106 | 92.8  | 71.3  | 111.3 |

Instrument :  
BNA\_F  
ClientSampleId :  
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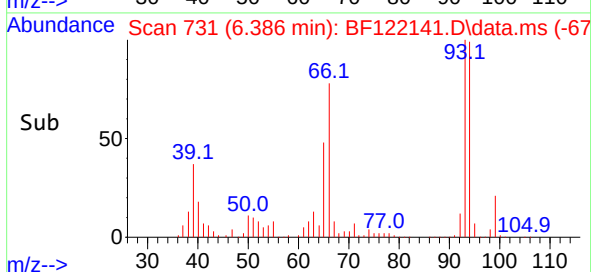
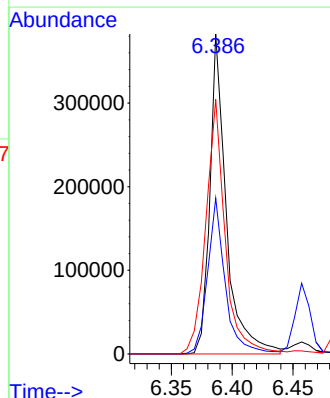
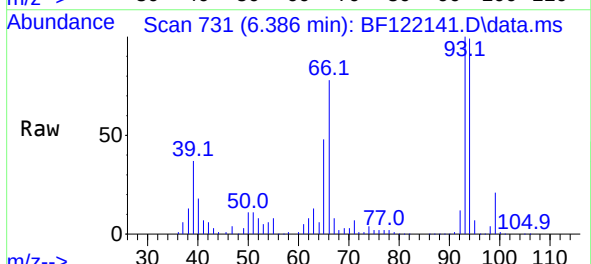
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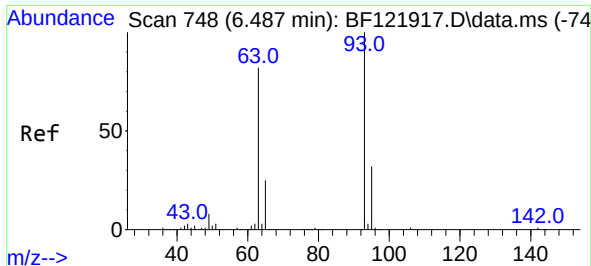
#10  
Phenol  
Concen: 38.45 ng  
RT: 6.386 min Scan# 731  
Delta R.T. 0.006 min  
Lab File: BF122141.D  
Acq: 28 Oct 2020 10:15

Tgt Ion: 94 Resp: 360522

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 94  | 100   |       |       |
| 65  | 48.7  | 17.1  | 57.1  |
| 66  | 79.6  | 36.0  | 76.0  |

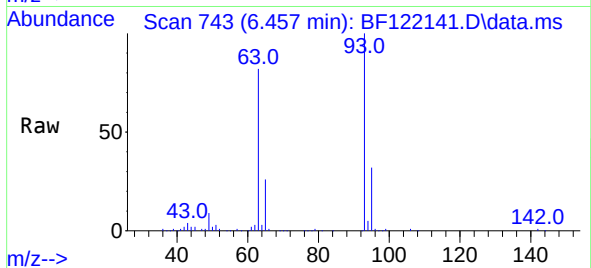






#11  
bis(2-Chloroethyl)ether  
Concen: 38.82 ng  
RT: 6.457 min Scan# 743  
Delta R.T. -0.000 min  
Lab File: BF122141.D  
Acq: 28 Oct 2020 10:15

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

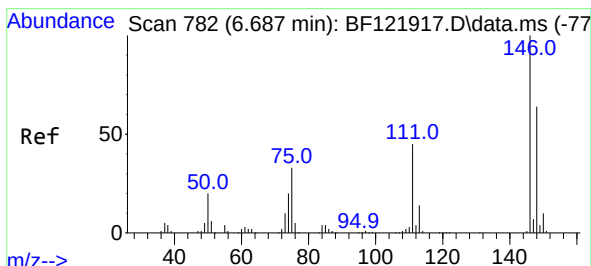
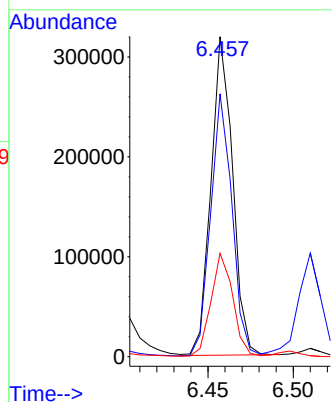
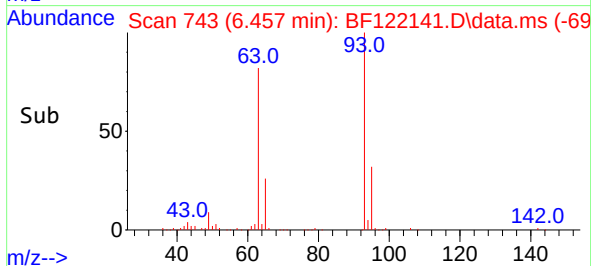


Tgt Ion: 93 Resp: 281378

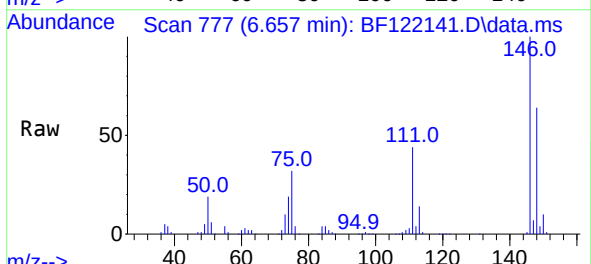
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 63  | 82.1  | 62.4  | 102.4 |
| 95  | 32.3  | 12.6  | 52.6  |

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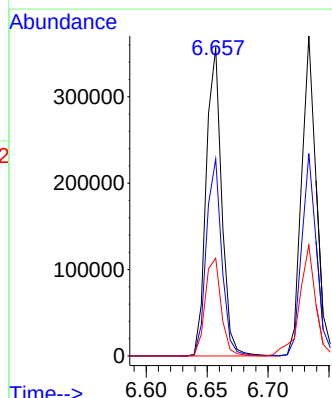
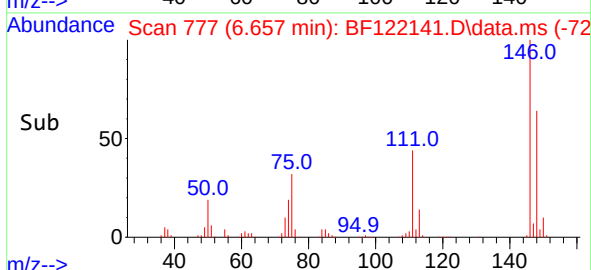


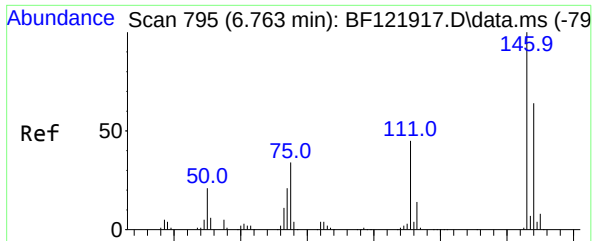
#12  
1,3-Dichlorobenzene  
Concen: 39.17 ng  
RT: 6.657 min Scan# 777  
Delta R.T. -0.000 min  
Lab File: BF122141.D  
Acq: 28 Oct 2020 10:15



Tgt Ion: 146 Resp: 314304

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 148 | 63.9  | 51.0  | 76.4  |
| 75  | 31.7  | 27.6  | 41.4  |





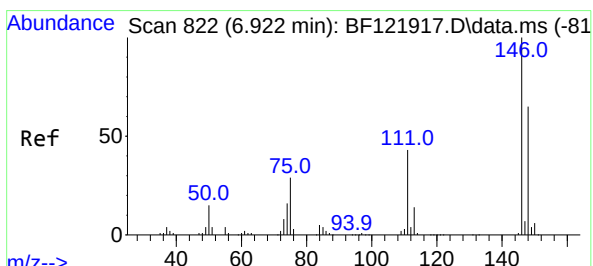
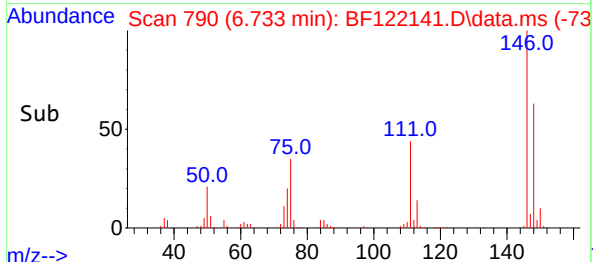
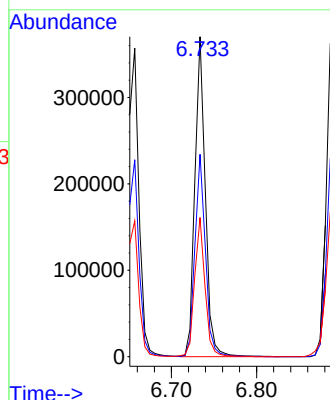
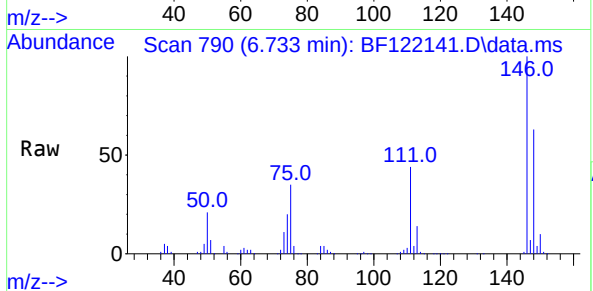
#13  
1,4-Dichlorobenzene  
Concen: 39.17 ng  
RT: 6.733 min Scan# 790  
Delta R.T. -0.000 min  
Lab File: BF122141.D  
Acq: 28 Oct 2020 10:15

Tgt Ion:146 Resp: 315527  
Ion Ratio Lower Upper  
146 100  
148 63.2 50.1 75.1  
111 43.5 34.6 52.0

Instrument :  
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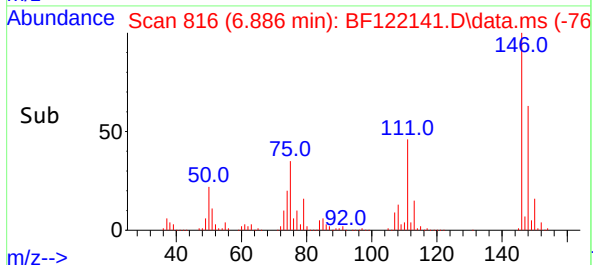
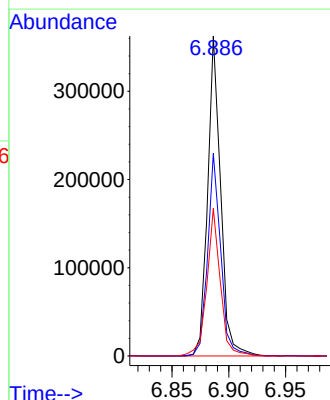
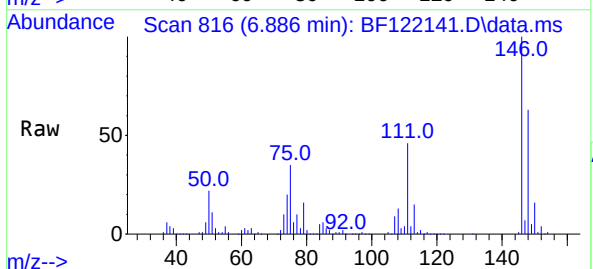
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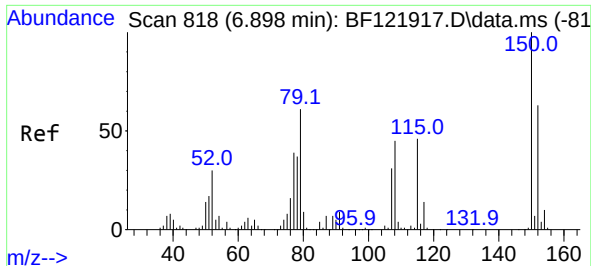
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#14  
1,2-Dichlorobenzene  
Concen: 39.14 ng  
RT: 6.886 min Scan# 816  
Delta R.T. -0.000 min  
Lab File: BF122141.D  
Acq: 28 Oct 2020 10:15

Tgt Ion:146 Resp: 288204  
Ion Ratio Lower Upper  
146 100  
148 63.3 51.1 76.7  
111 46.1 34.2 51.4





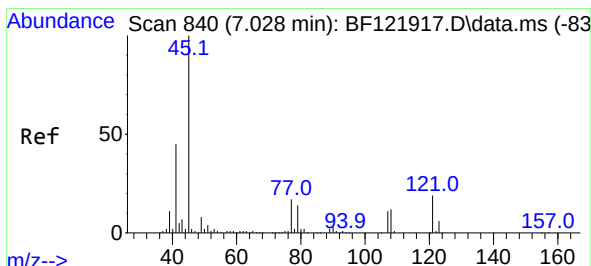
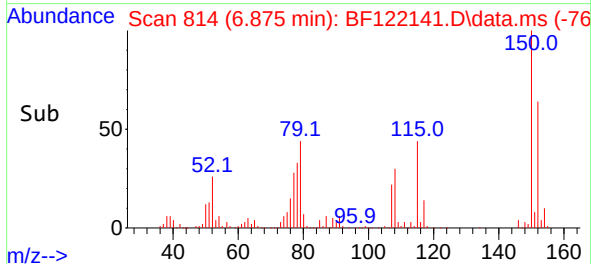
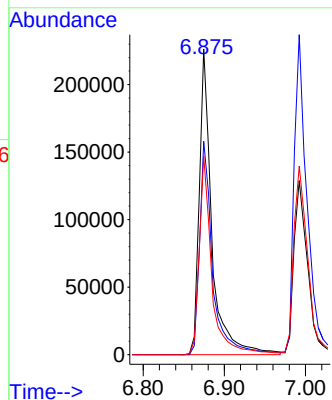
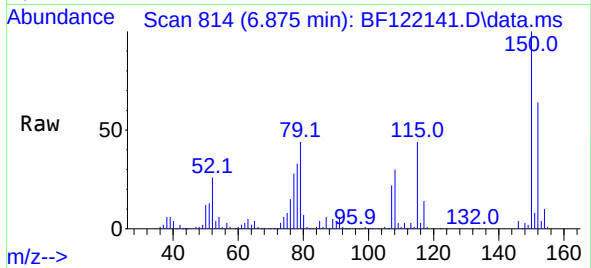
#15  
Benzyl Alcohol  
Concen: 41.73 ng  
RT: 6.875 min Scan# 814  
Delta R.T. 0.006 min  
Lab File: BF122141.D  
Acq: 28 Oct 2020 10:15

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Tgt Ion: 79 Resp: 245179  
Ion Ratio Lower Upper  
79 100  
108 69.7 62.3 93.5  
77 65.0 50.6 75.8

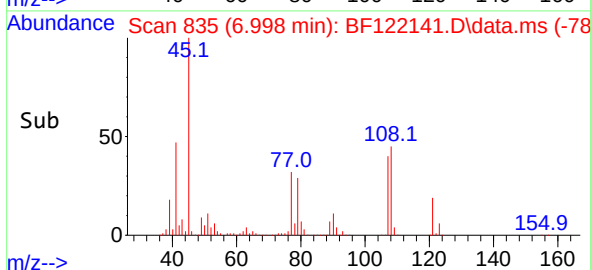
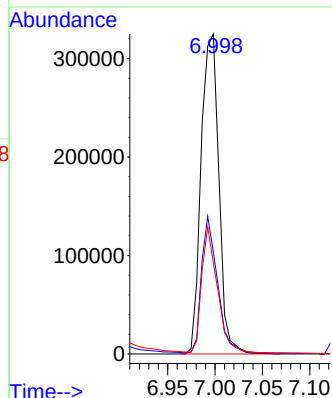
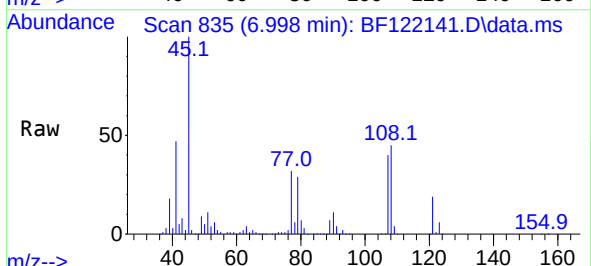
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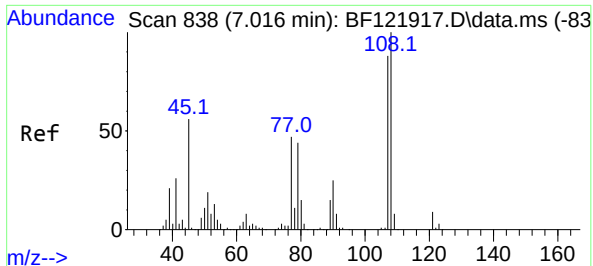
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#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 38.06 ng  
RT: 6.998 min Scan# 835  
Delta R.T. 0.006 min  
Lab File: BF122141.D  
Acq: 28 Oct 2020 10:15

Tgt Ion: 45 Resp: 424480  
Ion Ratio Lower Upper  
45 100  
77 31.9 0.0 33.3  
79 28.6 0.0 30.4





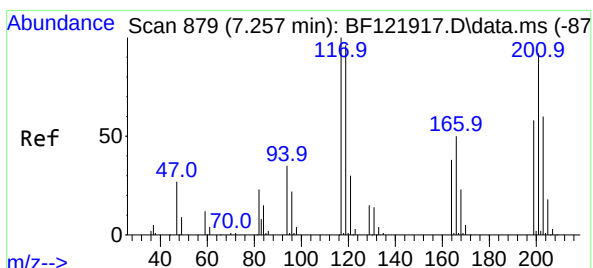
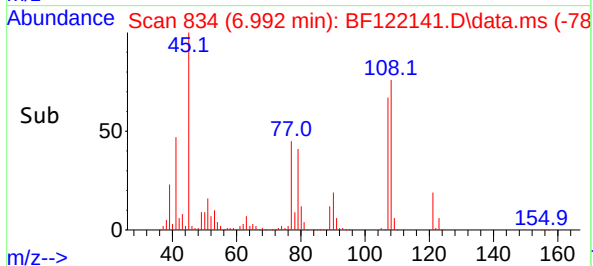
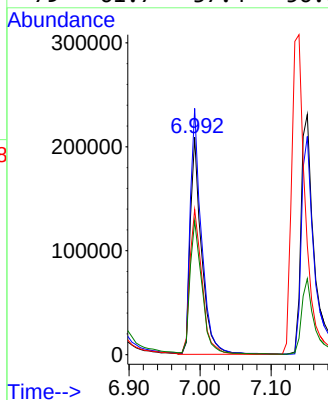
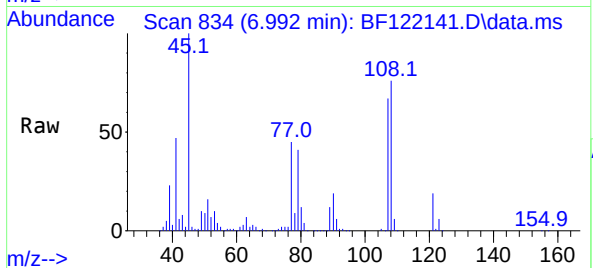
#17  
2-Methylphenol  
Concen: 37.85 ng  
RT: 6.992 min Scan# 834  
Delta R.T. 0.006 min  
Lab File: BF122141.D  
Acq: 28 Oct 2020 10:15

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 230856 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 113.3 | 90.9  | 136.3  |
| 77       | 66.8  | 37.5  | 56.3#  |
| 79       | 61.7  | 37.4  | 56.0#  |

Instrument :  
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ClientSampleId :  
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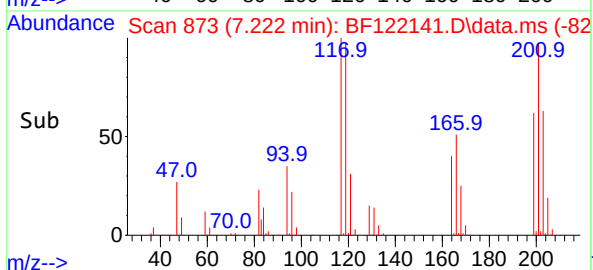
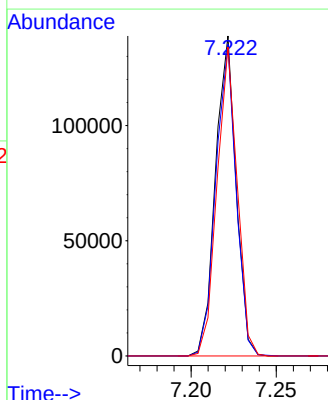
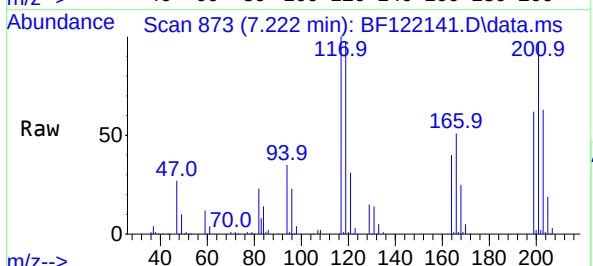
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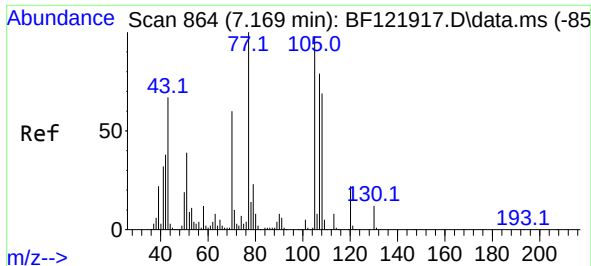
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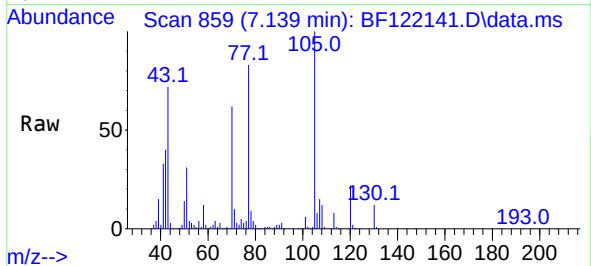
#18  
Hexachloroethane  
Concen: 40.13 ng  
RT: 7.222 min Scan# 873  
Delta R.T. -0.000 min  
Lab File: BF122141.D  
Acq: 28 Oct 2020 10:15

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 116776 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 97.4  | 76.3  | 114.5  |
| 201      | 96.5  | 71.8  | 107.6  |

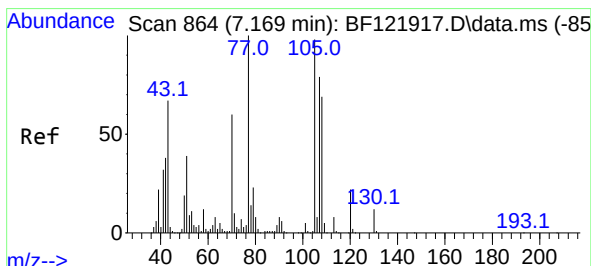
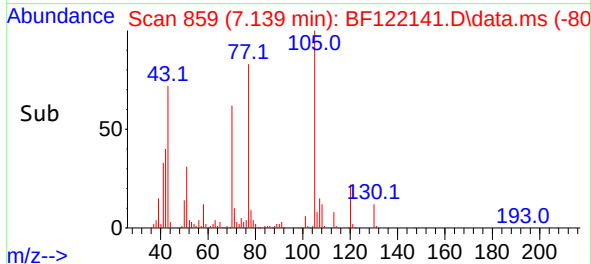
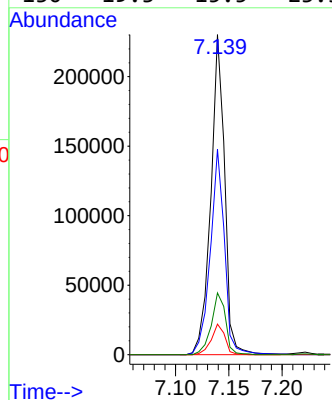




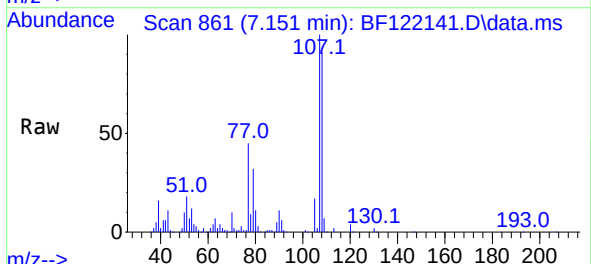
#19  
n-Nitroso-di-n-propylamine  
Concen: 40.48 ng  
RT: 7.139 min Scan# 859  
Delta R.T. -0.000 min  
Lab File: BF122141.D  
Acq: 28 Oct 2020 10:15



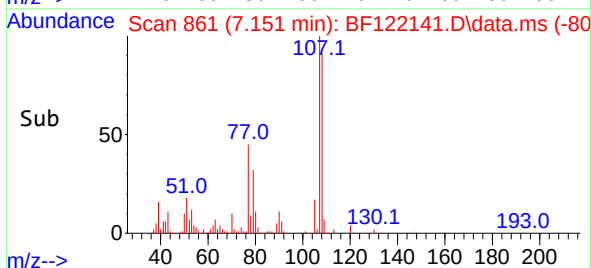
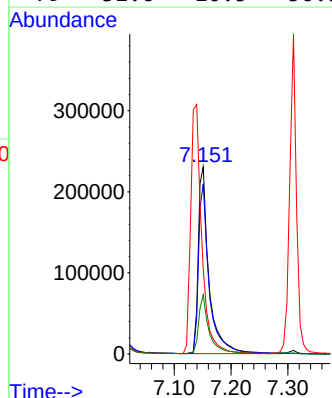
Tgt Ion: 70 Resp: 209354  
Ion Ratio Lower Upper  
70 100  
42 64.1 50.2 75.4  
101 9.5 7.5 11.3  
130 19.3 15.5 23.3



#20  
3+4-Methylphenols  
Concen: 41.39 ng  
RT: 7.151 min Scan# 861  
Delta R.T. 0.006 min  
Lab File: BF122141.D  
Acq: 28 Oct 2020 10:15



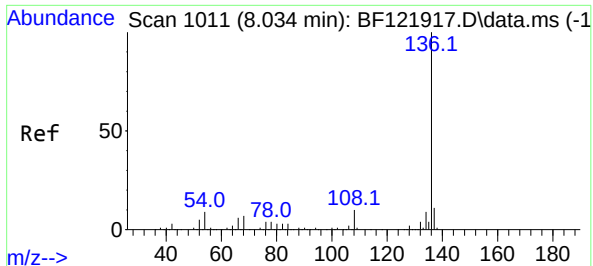
Tgt Ion: 107 Resp: 304412  
Ion Ratio Lower Upper  
107 100  
108 90.9 68.9 108.9  
77 45.5 108.0 148.0#  
79 31.6 10.5 50.5



Instrument :  
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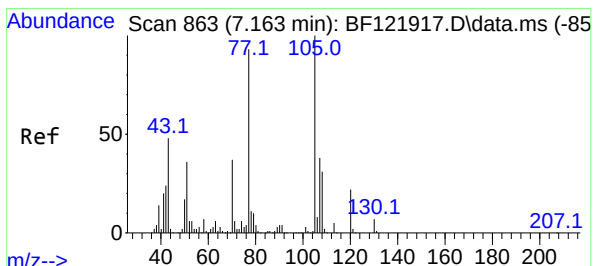
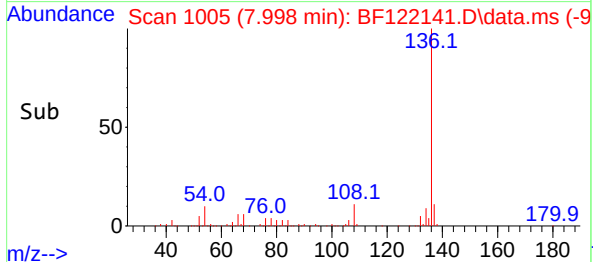
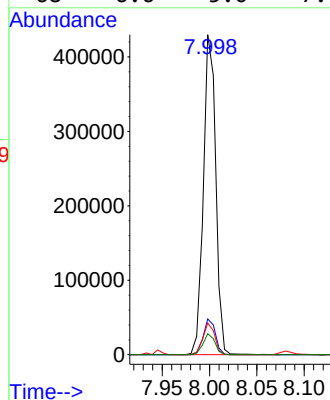
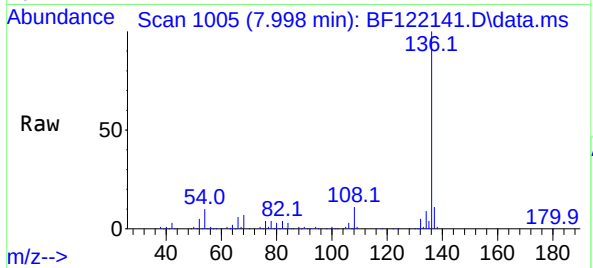
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 7.998 min Scan# 1005  
Delta R.T. -0.000 min  
Lab File: BF122141.D  
Acq: 28 Oct 2020 10:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 390459 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 11.2  | 8.6   | 13.0   |
| 54        | 9.9   | 7.1   | 10.7   |
| 68        | 6.6   | 5.0   | 7.4    |

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

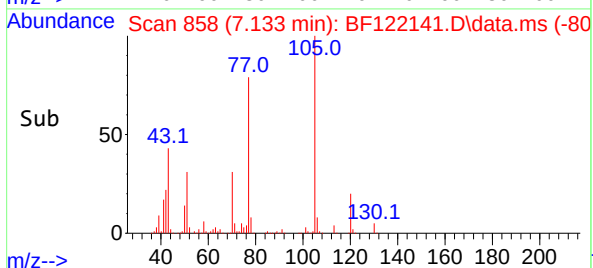
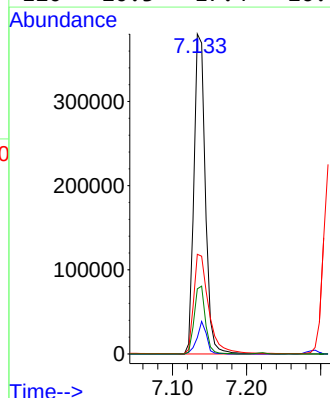
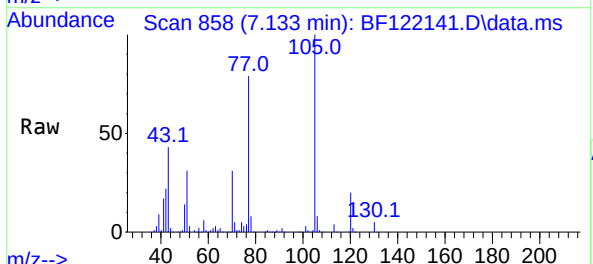
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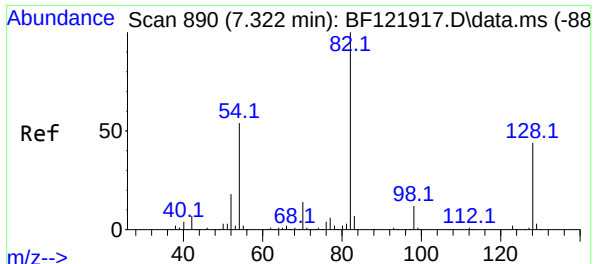
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#22  
Acetophenone  
Concen: 40.43 ng  
RT: 7.133 min Scan# 858  
Delta R.T. -0.000 min  
Lab File: BF122141.D  
Acq: 28 Oct 2020 10:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 406163 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 71        | 5.1   | 5.3   | 7.9#   |
| 51        | 31.2  | 33.2  | 49.8#  |
| 120       | 20.3  | 17.4  | 26.0   |





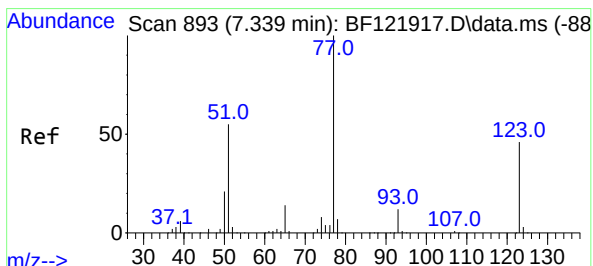
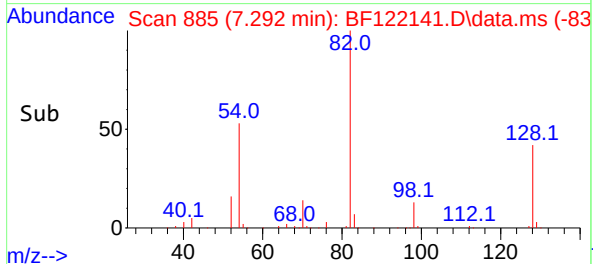
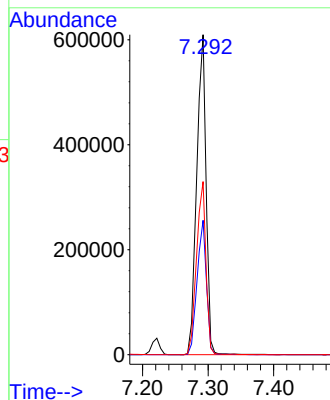
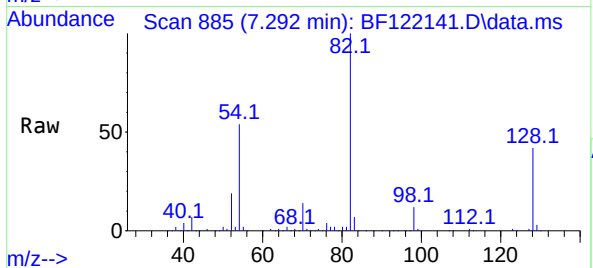
#23  
Nitrobenzene-d5  
Concen: 79.89 ng  
RT: 7.292 min Scan# 885  
Delta R.T. 0.006 min  
Lab File: BF122141.D  
Acq: 28 Oct 2020 10:15

Tgt Ion: 82 Resp: 608232  
Ion Ratio Lower Upper  
82 100  
128 42.0 35.0 52.4  
54 54.1 43.9 65.9

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

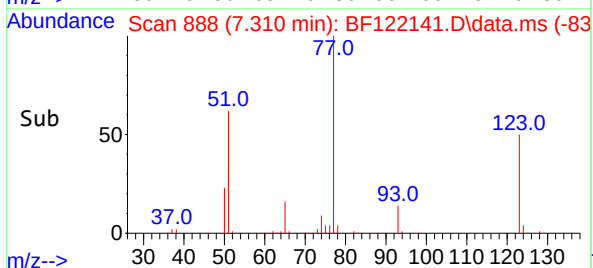
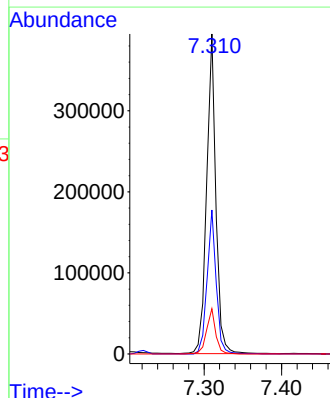
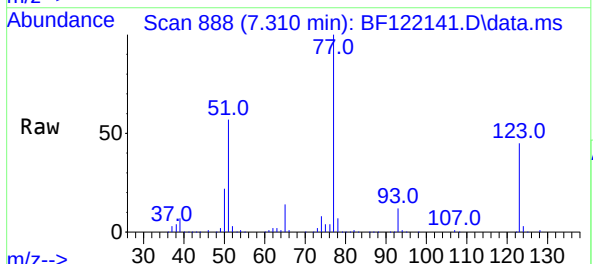
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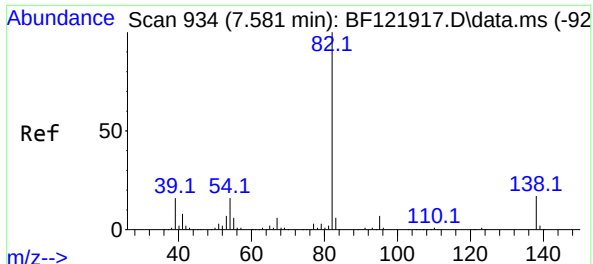
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#24  
Nitrobenzene  
Concen: 40.18 ng  
RT: 7.310 min Scan# 888  
Delta R.T. 0.006 min  
Lab File: BF122141.D  
Acq: 28 Oct 2020 10:15

Tgt Ion: 77 Resp: 326948  
Ion Ratio Lower Upper  
77 100  
123 45.0 35.6 53.4  
65 14.1 11.2 16.8





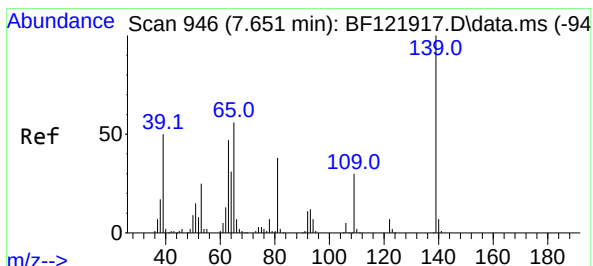
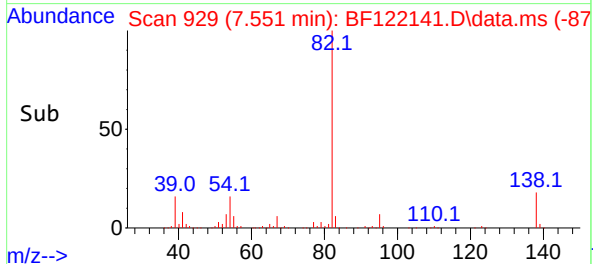
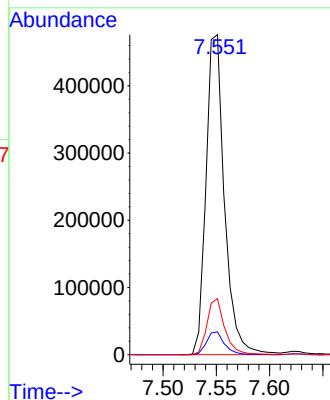
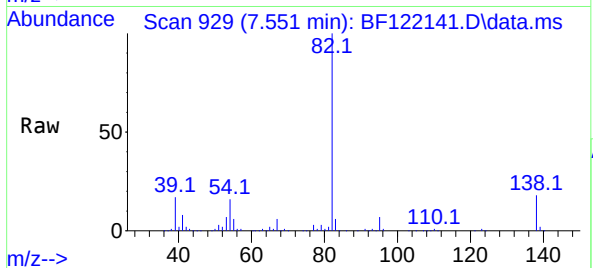
#25  
Isophorone  
Concen: 39.95 ng  
RT: 7.551 min Scan# 929  
Delta R.T. 0.006 min  
Lab File: BF122141.D  
Acq: 28 Oct 2020 10:15

Tgt Ion: 82 Resp: 575189  
Ion Ratio Lower Upper  
82 100  
95 7.2 5.4 8.0  
138 17.5 13.4 20.0

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

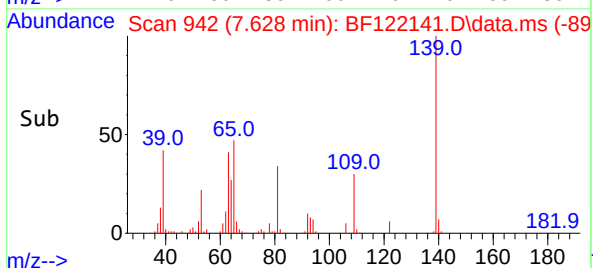
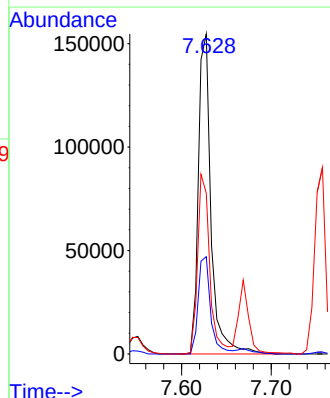
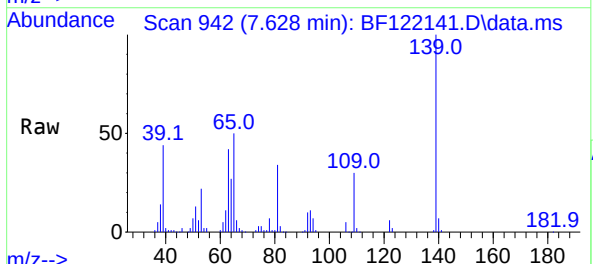
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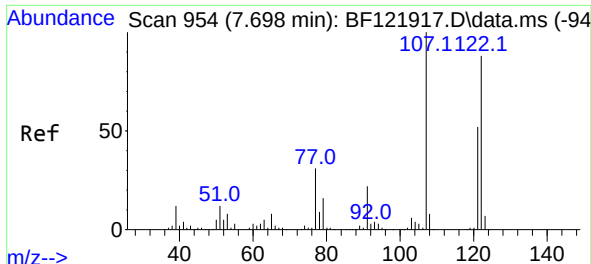


#26  
2-Nitrophenol  
Concen: 40.40 ng  
RT: 7.628 min Scan# 942  
Delta R.T. 0.006 min  
Lab File: BF122141.D  
Acq: 28 Oct 2020 10:15

Tgt Ion: 139 Resp: 151391  
Ion Ratio Lower Upper  
139 100  
109 30.4 23.0 34.4  
65 50.3 39.9 59.9







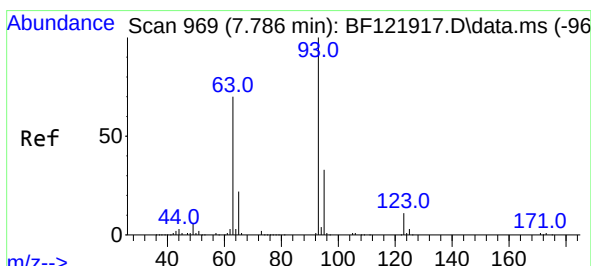
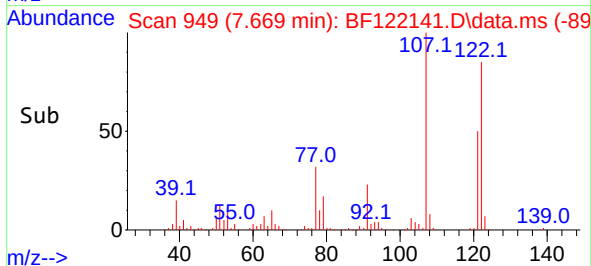
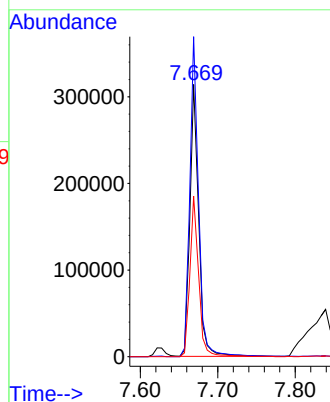
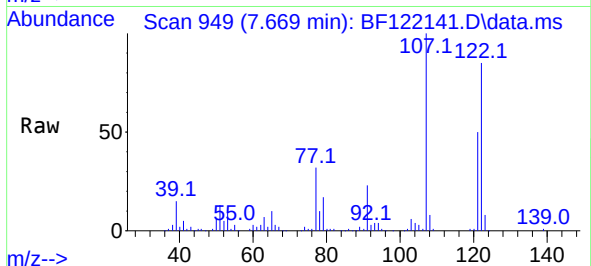
#27  
2,4-Dimethylphenol  
Concen: 38.72 ng  
RT: 7.669 min Scan# 949  
Delta R.T. -0.000 min  
Lab File: BF122141.D  
Acq: 28 Oct 2020 10:15

Tgt Ion: 122 Resp: 247345  
Ion Ratio Lower Upper  
122 100  
107 117.6 90.8 136.2  
121 59.0 47.5 71.3

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

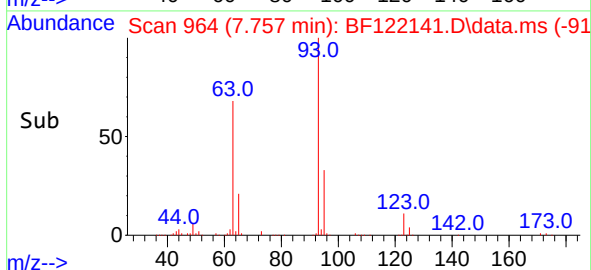
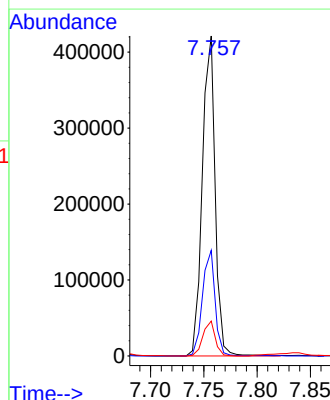
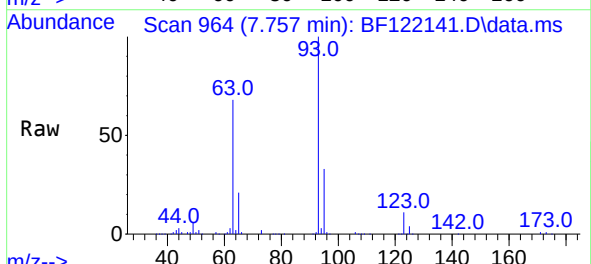
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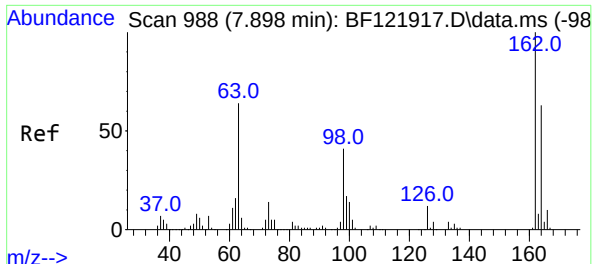
mohammad  
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#28  
bis(2-Chloroethoxy)methane  
Concen: 39.36 ng  
RT: 7.757 min Scan# 964  
Delta R.T. 0.006 min  
Lab File: BF122141.D  
Acq: 28 Oct 2020 10:15

Tgt Ion: 93 Resp: 354475  
Ion Ratio Lower Upper  
93 100  
95 33.0 26.2 39.4  
123 10.9 8.8 13.2





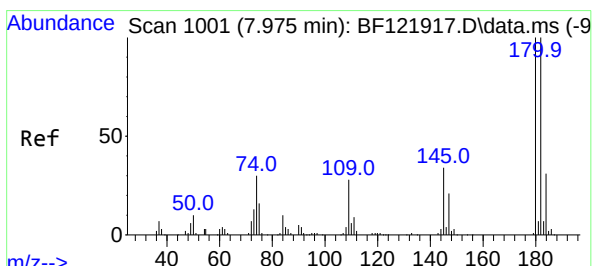
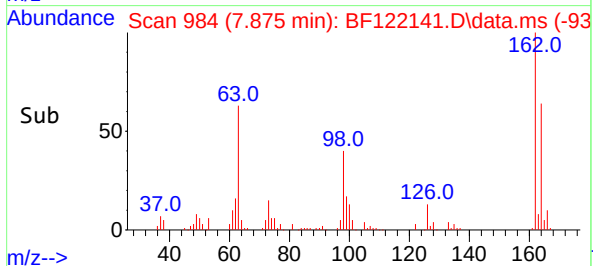
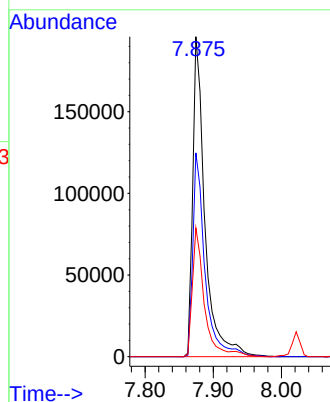
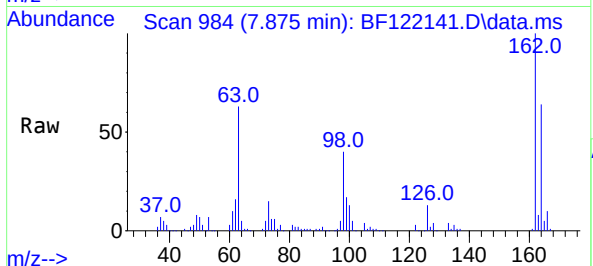
#29  
2,4-Dichlorophenol  
Concen: 40.38 ng  
RT: 7.875 min Scan# 984  
Delta R.T. 0.006 min  
Lab File: BF122141.D  
Acq: 28 Oct 2020 10:15

Tgt Ion:162 Resp: 241586  
Ion Ratio Lower Upper  
162 100  
164 63.7 42.5 82.5  
98 40.3 20.1 60.1

Instrument :  
BNA\_F  
ClientSampleId :  
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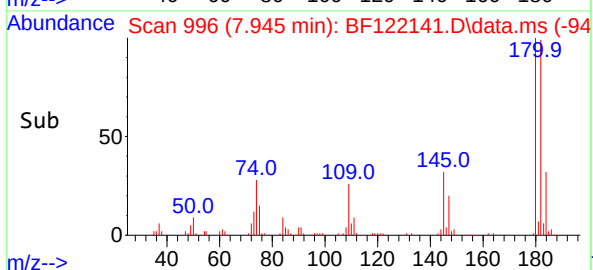
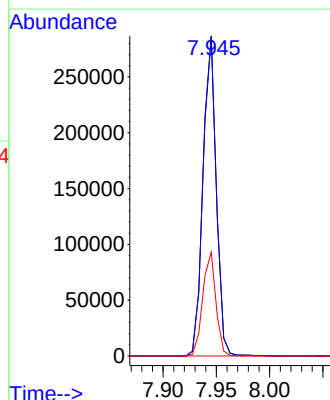
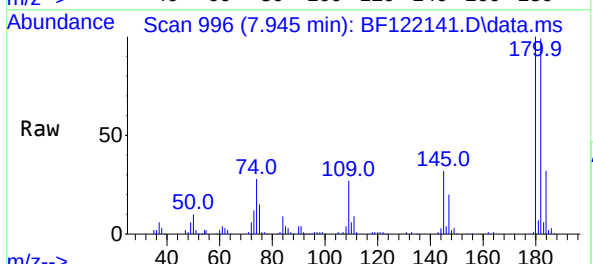
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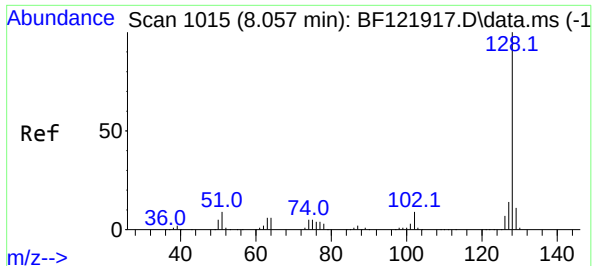
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#30  
1,2,4-Trichlorobenzene  
Concen: 39.06 ng  
RT: 7.945 min Scan# 996  
Delta R.T. -0.000 min  
Lab File: BF122141.D  
Acq: 28 Oct 2020 10:15

Tgt Ion:180 Resp: 248438  
Ion Ratio Lower Upper  
180 100  
182 99.4 79.4 119.2  
145 32.5 25.5 38.3





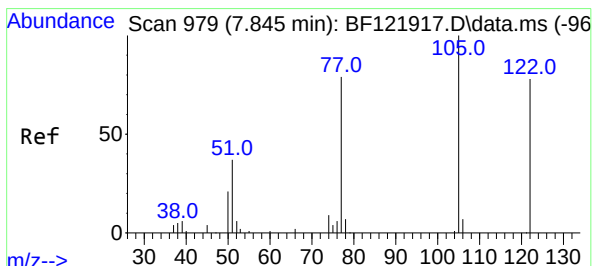
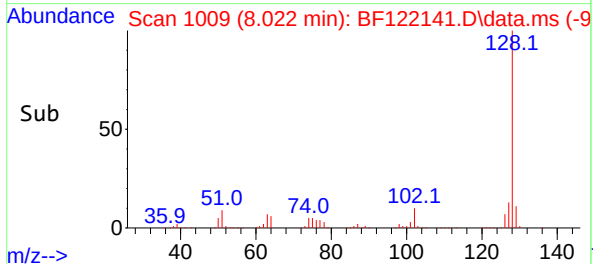
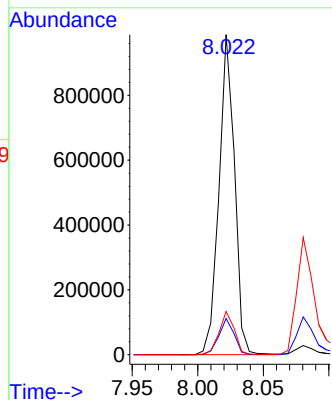
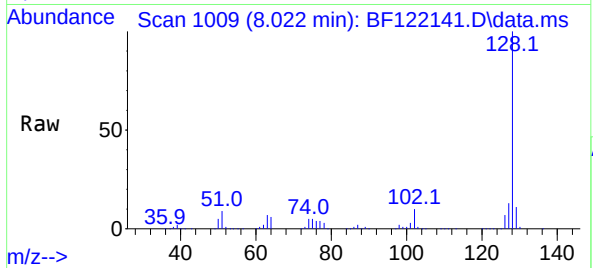
#31  
Naphthalene  
Concen: 38.81 ng  
RT: 8.022 min Scan# 1009  
Delta R.T. -0.000 min  
Lab File: BF122141.D  
Acq: 28 Oct 2020 10:15

Tgt Ion:128 Resp: 811756  
Ion Ratio Lower Upper  
128 100  
129 11.3 8.7 13.1  
127 13.5 10.8 16.2

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

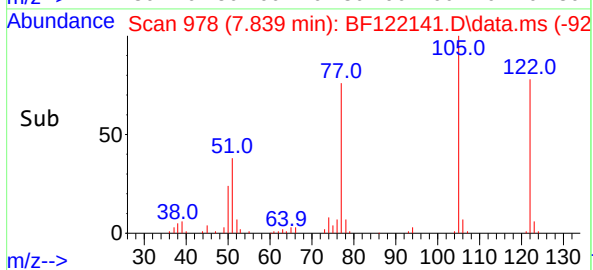
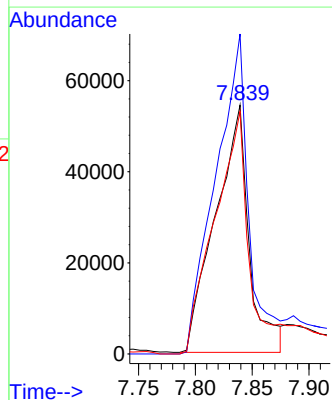
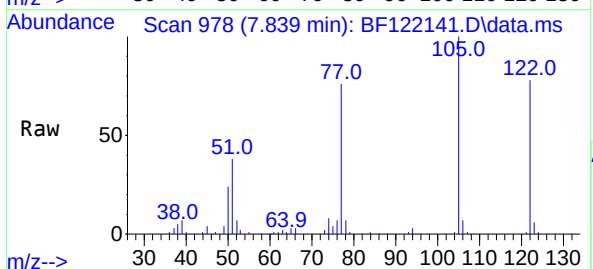
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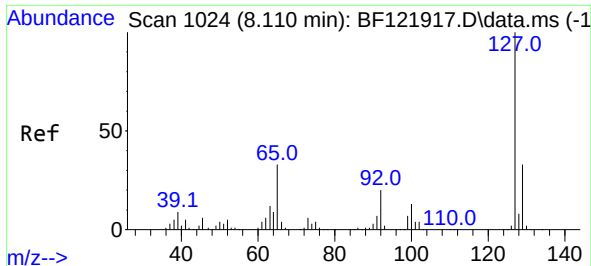
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#32  
Benzoic acid  
Concen: 33.43 ng  
RT: 7.839 min Scan# 978  
Delta R.T. 0.012 min  
Lab File: BF122141.D  
Acq: 28 Oct 2020 10:15

Tgt Ion:122 Resp: 111919  
Ion Ratio Lower Upper  
122 100  
105 128.6 103.3 143.3  
77 97.5 73.9 113.9





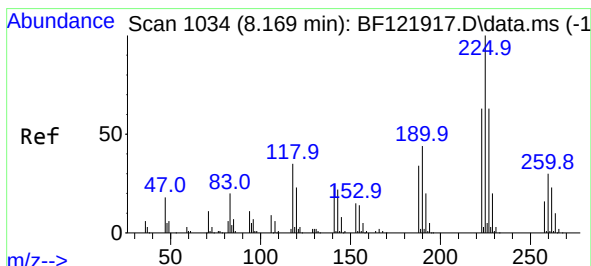
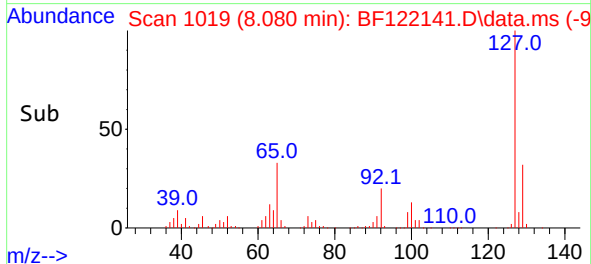
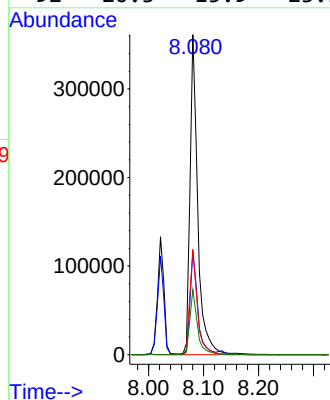
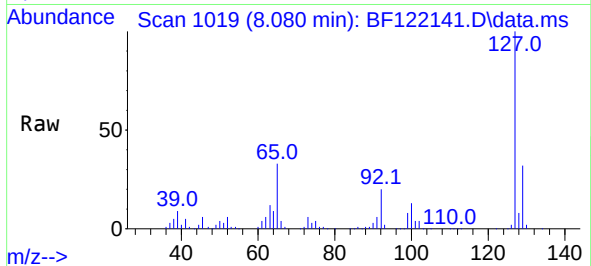
#33  
4-Chloroaniline  
Concen: 40.05 ng  
RT: 8.080 min Scan# 1019  
Delta R.T. -0.000 min  
Lab File: BF122141.D  
Acq: 28 Oct 2020 10:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 127   | Resp: | 356842 |
| Ion Ratio | Lower | Upper |        |
| 127       | 100   |       |        |
| 129       | 32.2  | 26.3  | 39.5   |
| 65        | 32.9  | 26.2  | 39.2   |
| 92        | 20.3  | 15.9  | 23.9   |

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

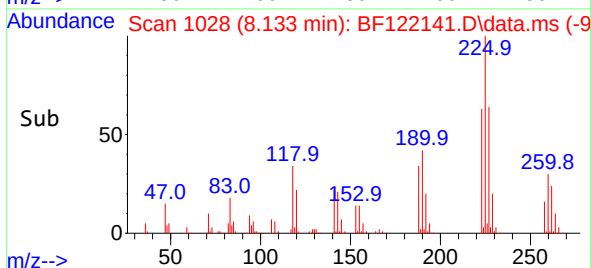
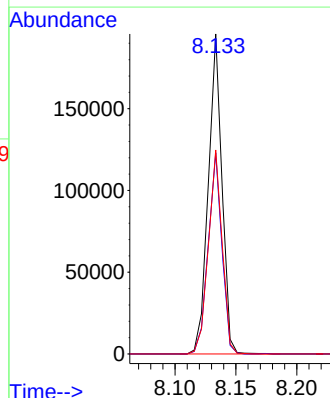
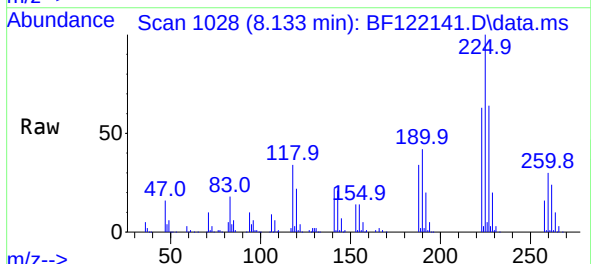
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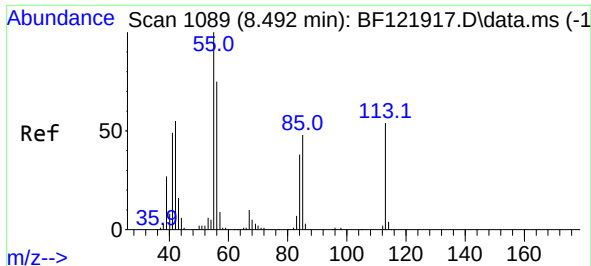
mohammad  
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#34  
Hexachlorobutadiene  
Concen: 40.46 ng  
RT: 8.133 min Scan# 1028  
Delta R.T. -0.000 min  
Lab File: BF122141.D  
Acq: 28 Oct 2020 10:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 225   | Resp: | 152618 |
| Ion Ratio | Lower | Upper |        |
| 225       | 100   |       |        |
| 223       | 62.9  | 51.1  | 76.7   |
| 227       | 63.8  | 51.0  | 76.6   |





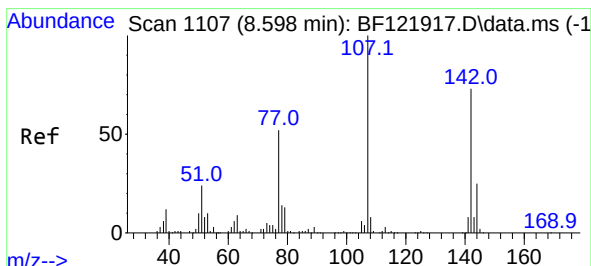
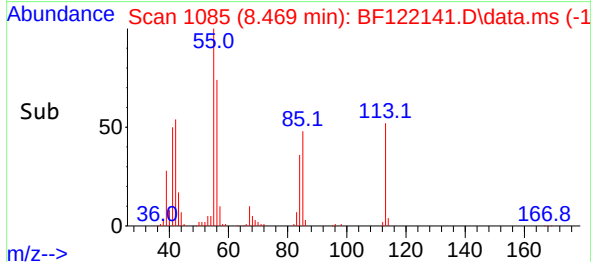
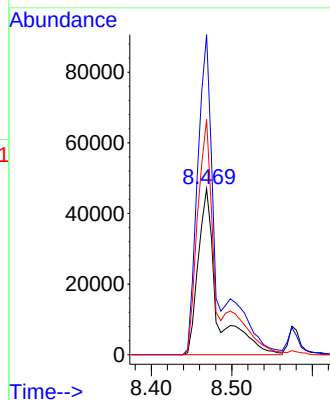
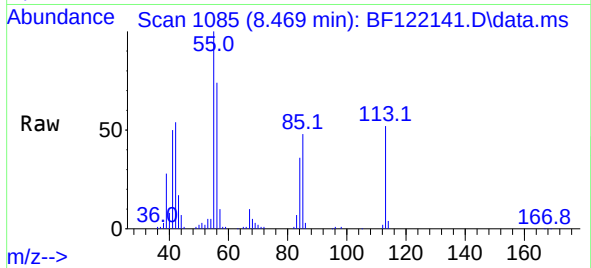
#35  
Caprolactam  
Concen: 40.70 ng m  
RT: 8.469 min Scan# 1085  
Delta R.T. 0.006 min  
Lab File: BF122141.D  
Acq: 28 Oct 2020 10:15

Tgt Ion:113 Resp: 77332  
Ion Ratio Lower Upper  
113 100  
55 192.8 167.5 207.5  
56 141.7 121.2 161.2

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

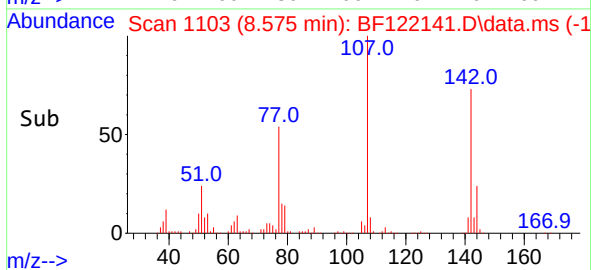
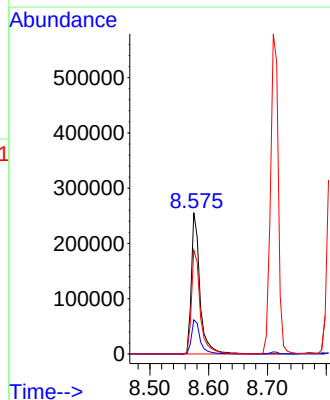
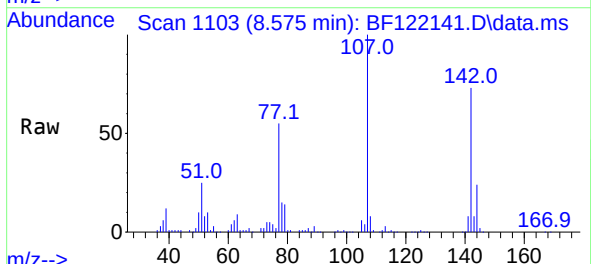
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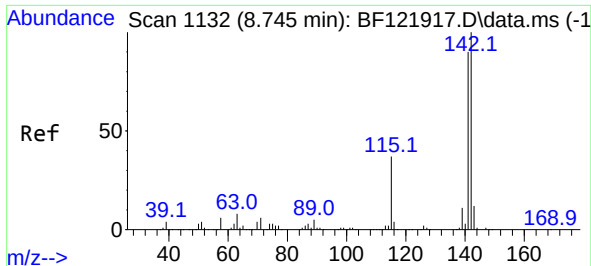
mohammad  
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#36  
4-Chloro-3-methylphenol  
Concen: 40.55 ng  
RT: 8.575 min Scan# 1103  
Delta R.T. -0.000 min  
Lab File: BF122141.D  
Acq: 28 Oct 2020 10:15

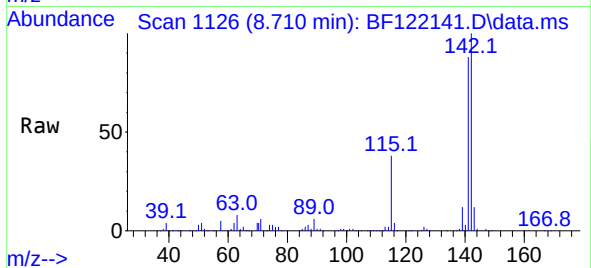
Tgt Ion:107 Resp: 260527  
Ion Ratio Lower Upper  
107 100  
144 24.1 20.1 30.1  
142 73.4 59.3 88.9





#37  
2-Methylnaphthalene  
Concen: 39.16 ng  
RT: 8.710 min Scan# 1126  
Delta R.T. -0.000 min  
Lab File: BF122141.D  
Acq: 28 Oct 2020 10:15

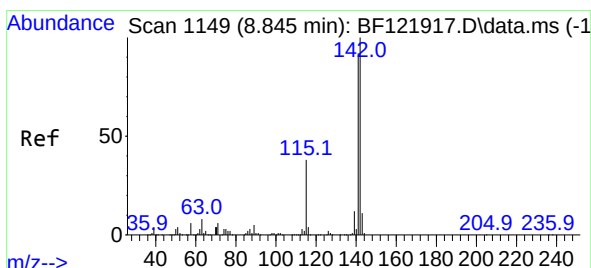
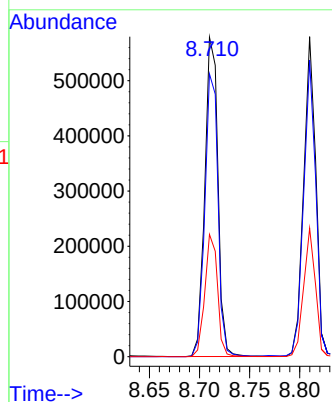
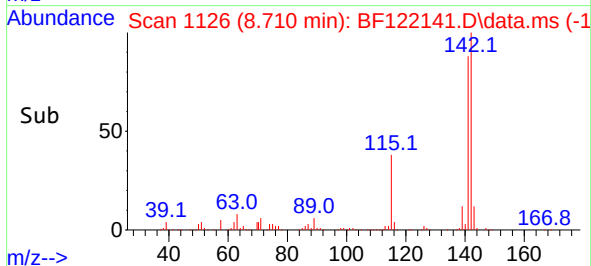
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



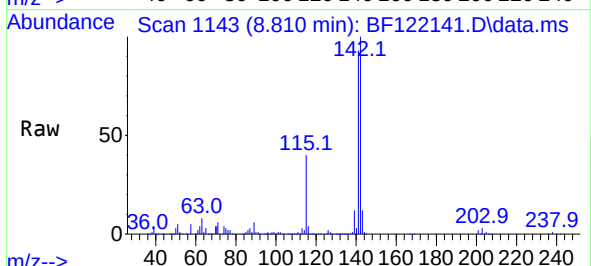
Tgt Ion:142 Resp: 530567  
Ion Ratio Lower Upper  
142 100  
141 88.5 70.2 105.4  
115 38.3 28.6 43.0

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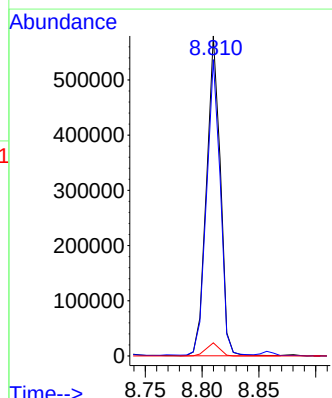
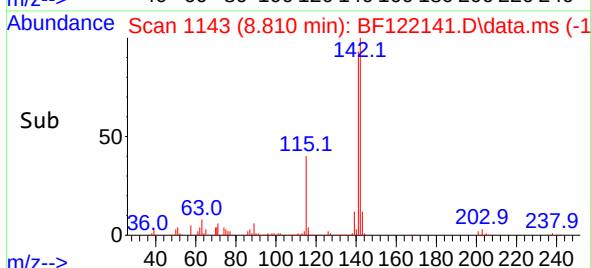
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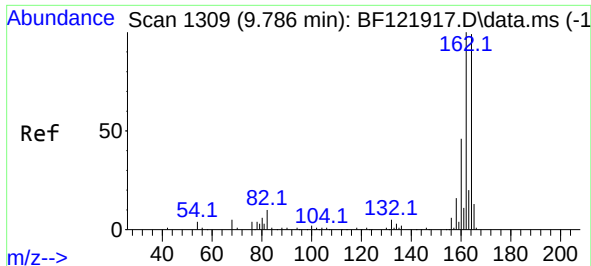


#38  
1-Methylnaphthalene  
Concen: 38.84 ng  
RT: 8.810 min Scan# 1143  
Delta R.T. -0.000 min  
Lab File: BF122141.D  
Acq: 28 Oct 2020 10:15



Tgt Ion:142 Resp: 487198  
Ion Ratio Lower Upper  
142 100  
141 92.6 74.5 111.7  
116 4.1 3.2 4.8





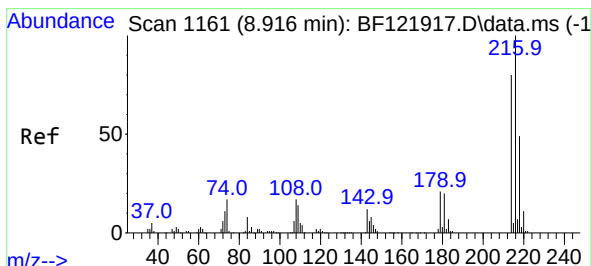
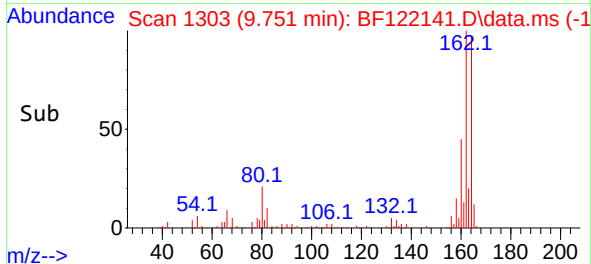
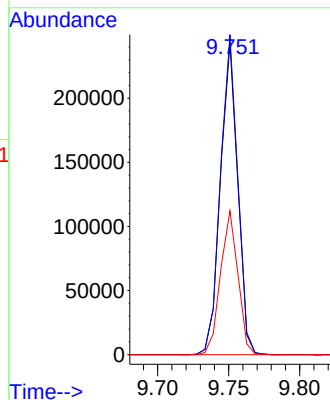
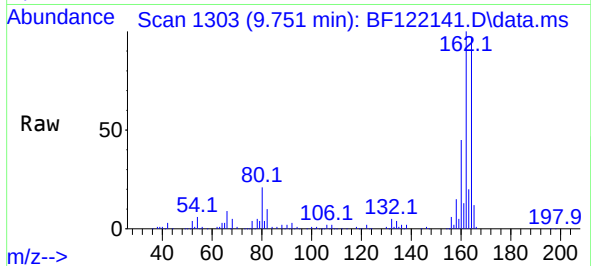
#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.751 min Scan# 1303  
Delta R.T. -0.000 min  
Lab File: BF122141.D  
Acq: 28 Oct 2020 10:15

Tgt Ion:164 Resp: 205356  
Ion Ratio Lower Upper  
164 100  
162 102.6 83.2 124.8  
160 46.1 37.5 56.3

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

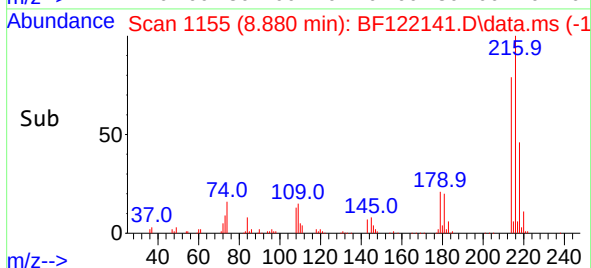
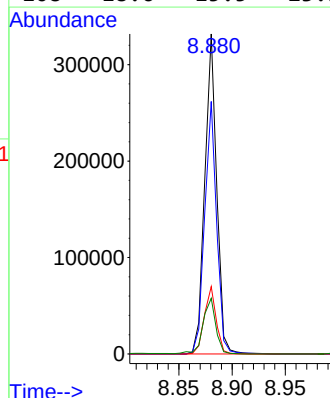
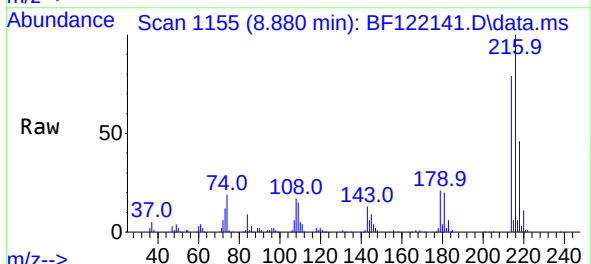
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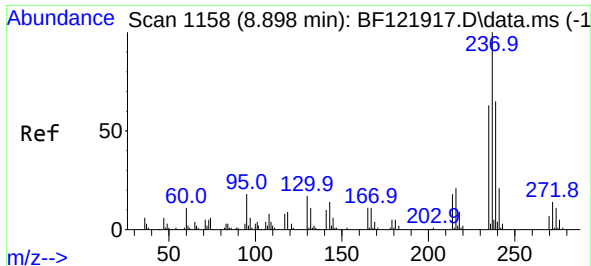
mohammad  
10/29/2020 10:44:45 AM



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 39.11 ng  
RT: 8.880 min Scan# 1155  
Delta R.T. -0.000 min  
Lab File: BF122141.D  
Acq: 28 Oct 2020 10:15

Tgt Ion:216 Resp: 259206  
Ion Ratio Lower Upper  
216 100  
214 79.0 63.4 95.2  
179 21.0 17.0 25.6  
108 18.6 15.5 23.3





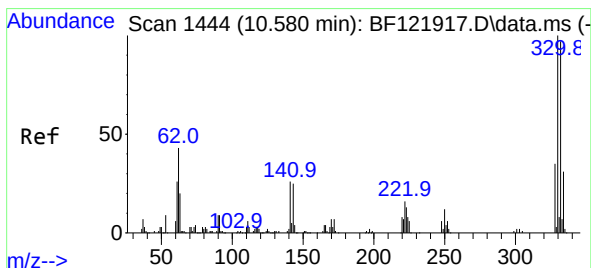
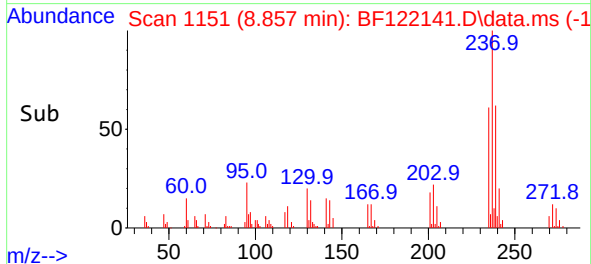
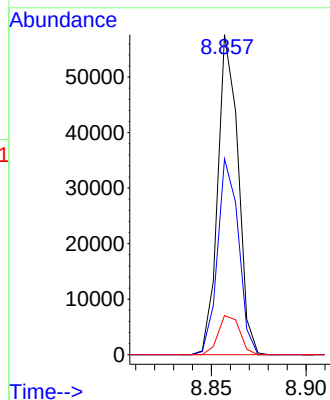
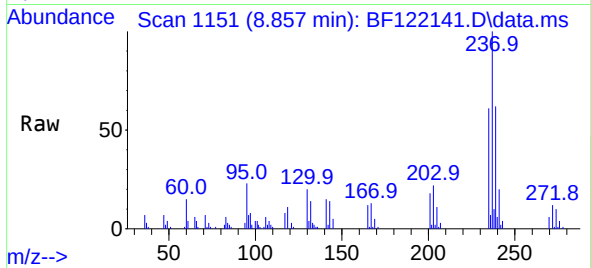
#41  
Hexachlorocyclopentadiene  
Concen: 35.04 ng  
RT: 8.857 min Scan# 1151  
Delta R.T. -0.000 min  
Lab File: BF122141.D  
Acq: 28 Oct 2020 10:15

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 237   | Resp: | 43089 |
| Ion Ratio | Lower | Upper |       |
| 237       | 100   |       |       |
| 235       | 61.2  | 41.8  | 81.8  |
| 272       | 12.3  | 0.0   | 33.5  |

Instrument :  
BNA\_F  
ClientSampleId :  
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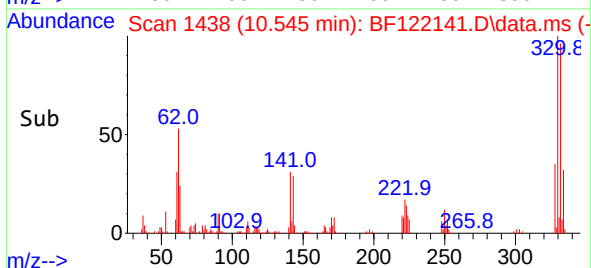
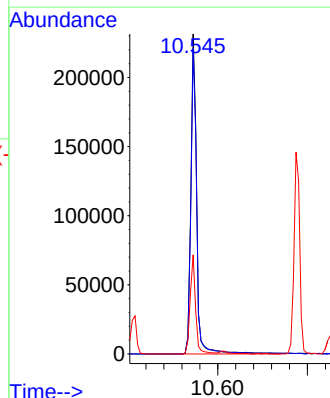
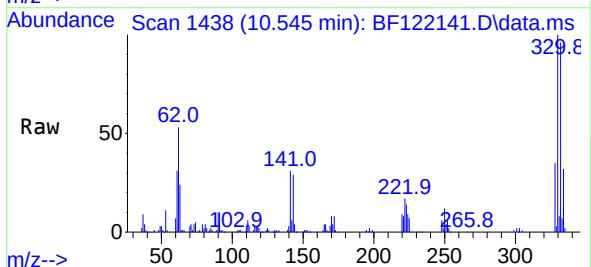
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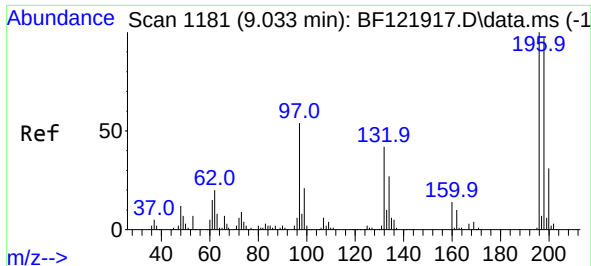


#42  
2,4,6-Tribromophenol  
Concen: 81.40 ng  
RT: 10.545 min Scan# 1438  
Delta R.T. -0.000 min  
Lab File: BF122141.D  
Acq: 28 Oct 2020 10:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 206775 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 95.3  | 77.3  | 115.9  |
| 141       | 29.2  | 22.3  | 33.5   |

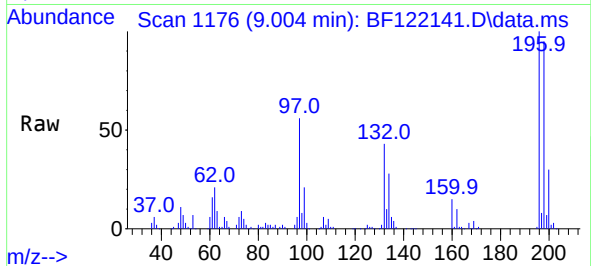






#43  
2,4,6-Trichlorophenol  
Concen: 39.02 ng  
RT: 9.004 min Scan# 1176  
Delta R.T. 0.006 min  
Lab File: BF122141.D  
Acq: 28 Oct 2020 10:15

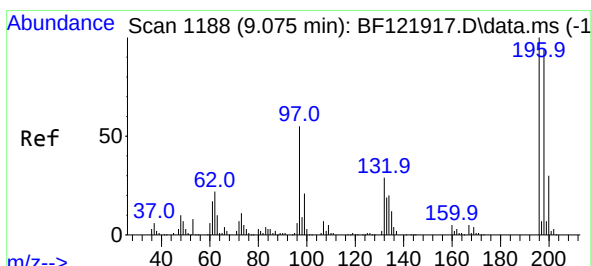
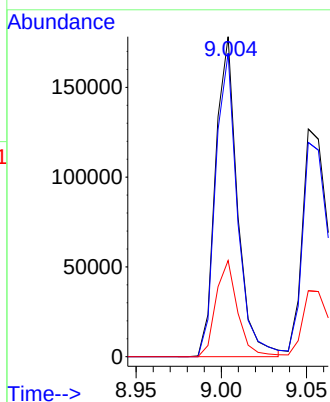
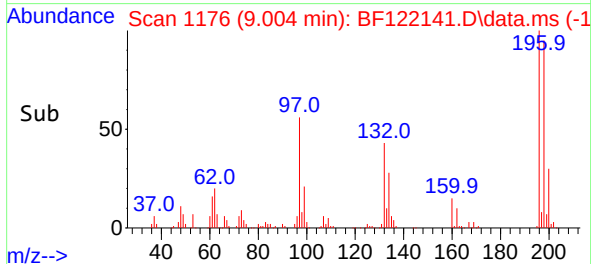
Instrument :  
BNA\_F  
ClientSampled :  
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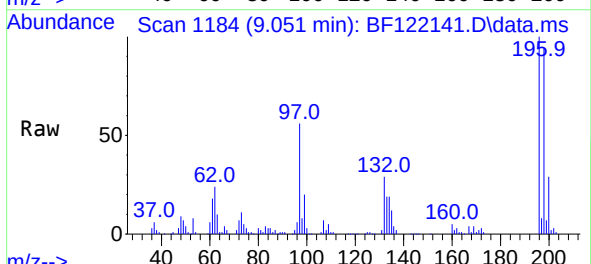
Tgt Ion:196 Resp: 159592  
Ion Ratio Lower Upper  
196 100  
198 94.9 75.8 113.6  
200 30.0 24.6 36.8

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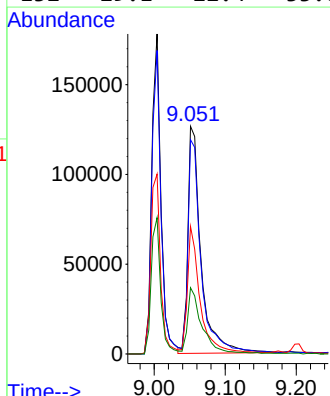
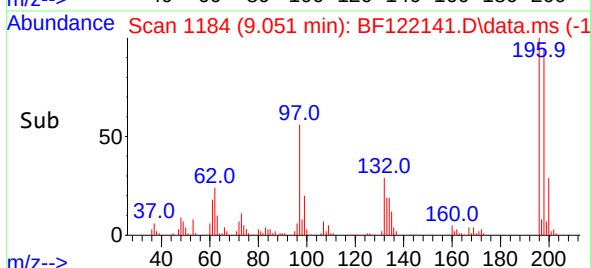
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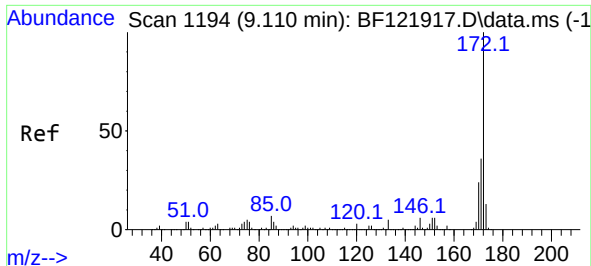


#44  
2,4,5-Trichlorophenol  
Concen: 37.17 ng  
RT: 9.051 min Scan# 1184  
Delta R.T. 0.006 min  
Lab File: BF122141.D  
Acq: 28 Oct 2020 10:15



Tgt Ion:196 Resp: 164169  
Ion Ratio Lower Upper  
196 100  
198 94.1 76.1 114.1  
97 56.0 41.0 61.6  
132 29.1 22.4 33.6





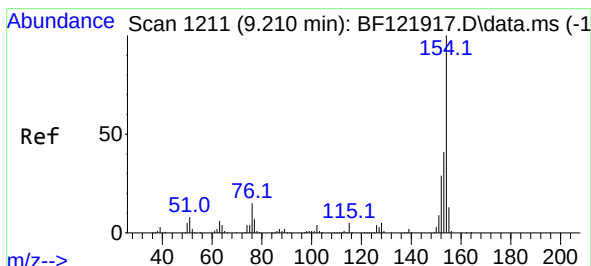
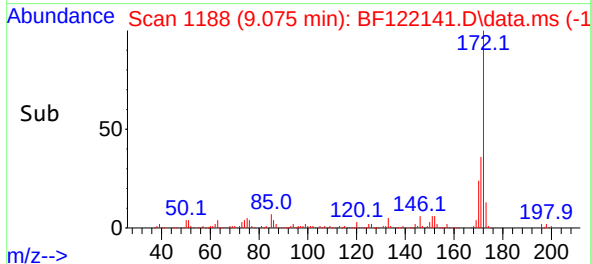
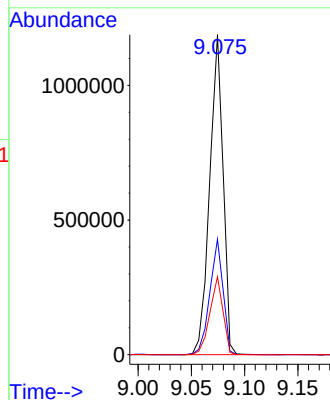
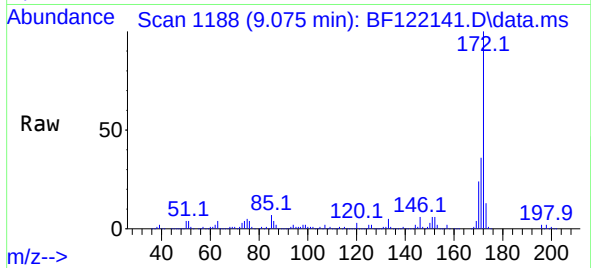
#45  
2-Fluorobiphenyl  
Concen: 74.88 ng  
RT: 9.075 min Scan# 1188  
Delta R.T. -0.000 min  
Lab File: BF122141.D  
Acq: 28 Oct 2020 10:15

Tgt Ion:172 Resp: 1045057  
Ion Ratio Lower Upper  
172 100  
171 36.1 29.1 43.7  
170 24.3 19.8 29.6

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

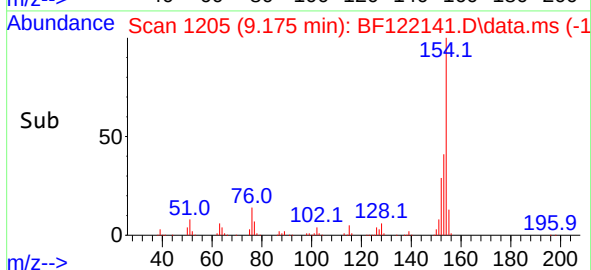
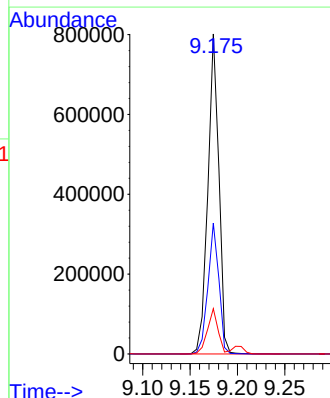
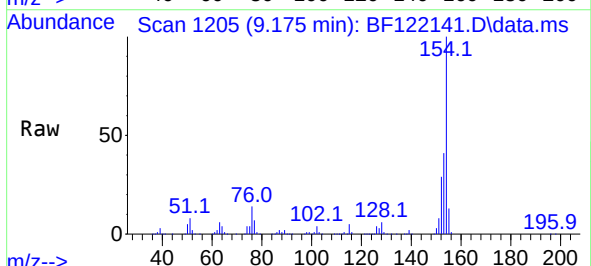
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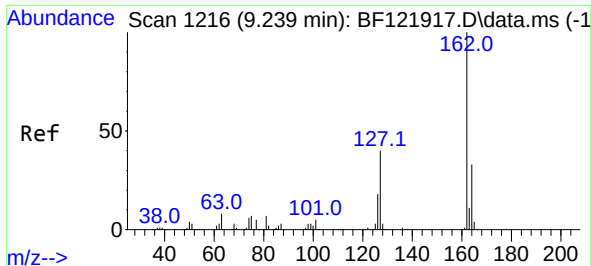
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#46  
1,1'-Biphenyl  
Concen: 38.51 ng  
RT: 9.175 min Scan# 1205  
Delta R.T. -0.000 min  
Lab File: BF122141.D  
Acq: 28 Oct 2020 10:15

Tgt Ion:154 Resp: 642967  
Ion Ratio Lower Upper  
154 100  
153 40.9 21.3 61.3  
76 14.2 0.0 34.7





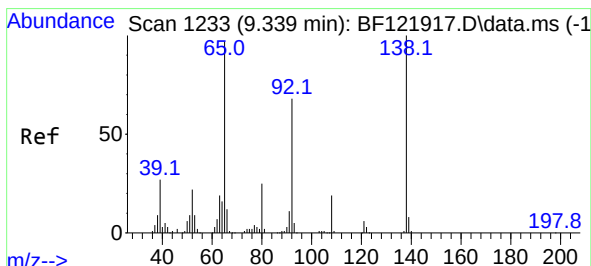
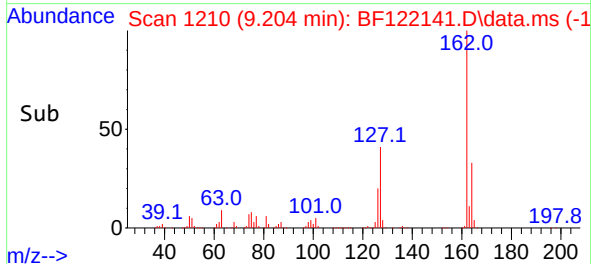
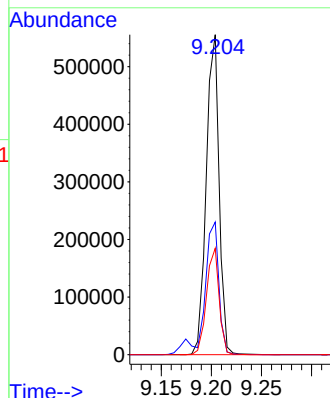
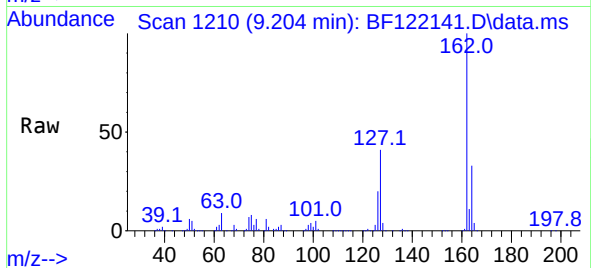
#47  
2-Chloronaphthalene  
Concen: 38.40 ng  
RT: 9.204 min Scan# 1210  
Delta R.T. 0.006 min  
Lab File: BF122141.D  
Acq: 28 Oct 2020 10:15

Tgt Ion:162 Resp: 498687  
Ion Ratio Lower Upper  
162 100  
127 41.5 34.4 51.6  
164 33.2 26.3 39.5

Instrument :  
BNA\_F  
ClientSampleId :  
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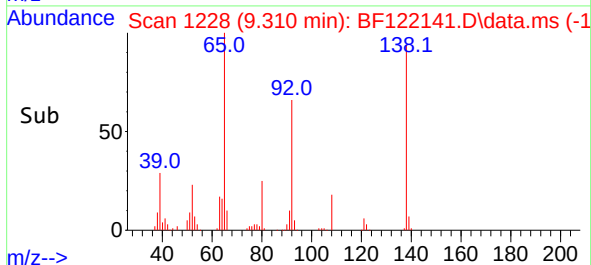
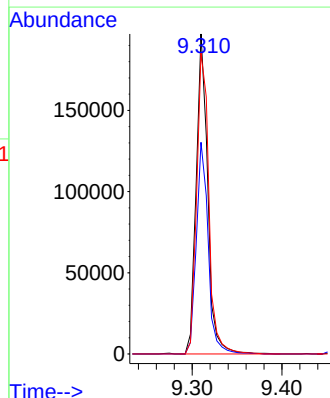
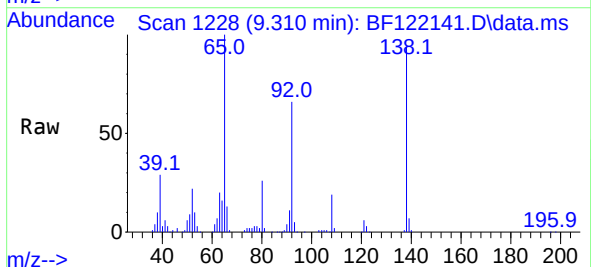
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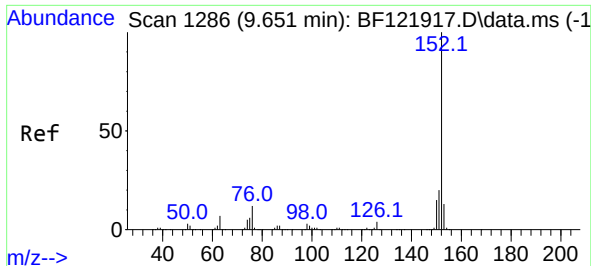
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#48  
2-Nitroaniline  
Concen: 40.98 ng  
RT: 9.310 min Scan# 1228  
Delta R.T. -0.000 min  
Lab File: BF122141.D  
Acq: 28 Oct 2020 10:15

Tgt Ion: 65 Resp: 175514  
Ion Ratio Lower Upper  
65 100  
92 66.2 55.1 82.7  
138 94.0 80.5 120.7





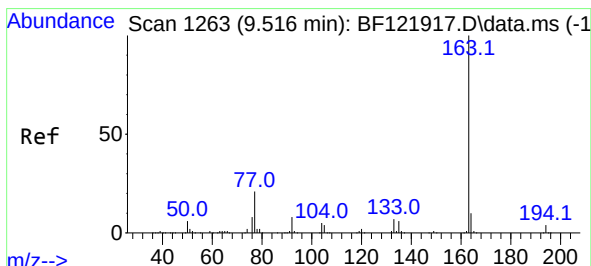
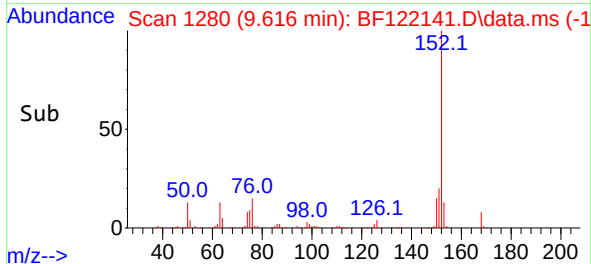
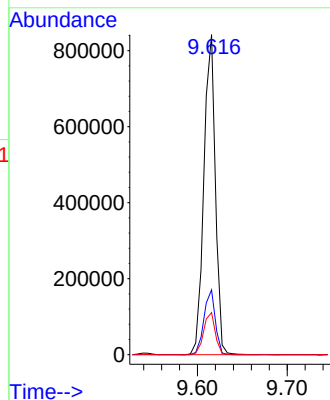
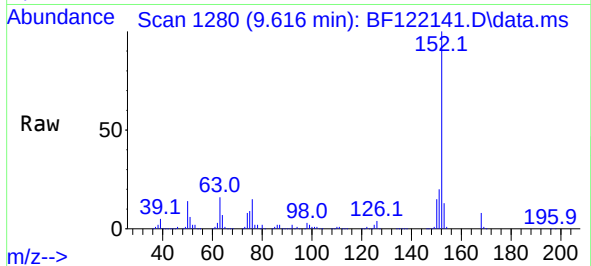
#49  
Acenaphthylene  
Concen: 37.57 ng  
RT: 9.616 min Scan# 1280  
Delta R.T. -0.000 min  
Lab File: BF122141.D  
Acq: 28 Oct 2020 10:15

Tgt Ion:152 Resp: 749292  
Ion Ratio Lower Upper  
152 100  
151 20.3 16.4 24.6  
153 13.1 10.6 15.8

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

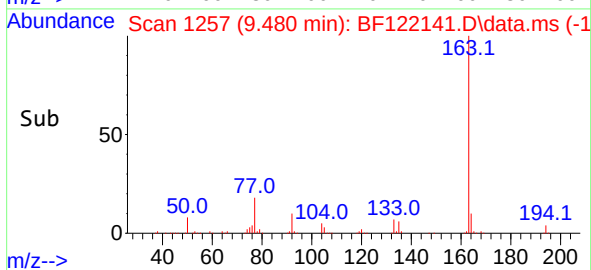
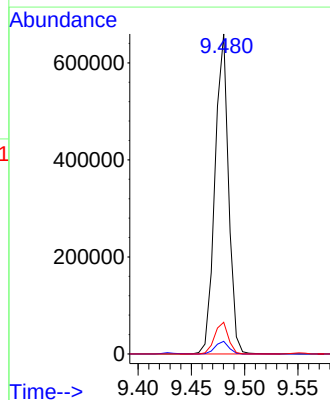
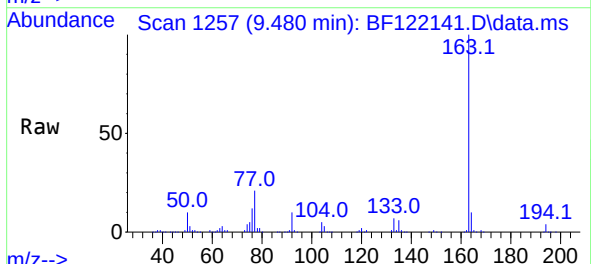
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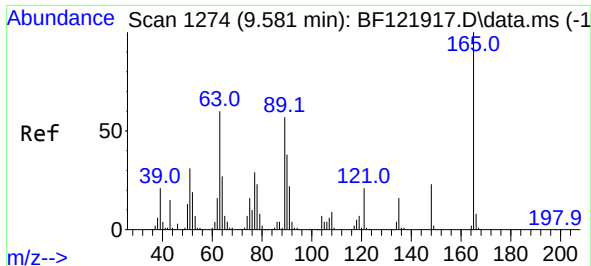
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#50  
Dimethylphthalate  
Concen: 38.94 ng  
RT: 9.480 min Scan# 1257  
Delta R.T. -0.000 min  
Lab File: BF122141.D  
Acq: 28 Oct 2020 10:15

Tgt Ion:163 Resp: 584665  
Ion Ratio Lower Upper  
163 100  
194 3.9 3.3 4.9  
164 9.9 8.2 12.4





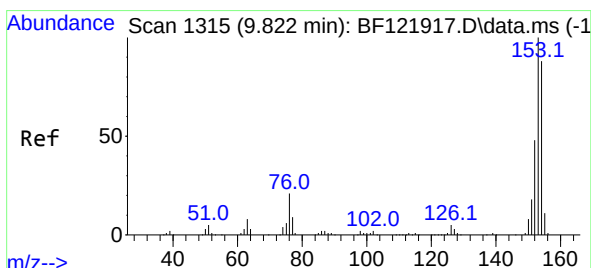
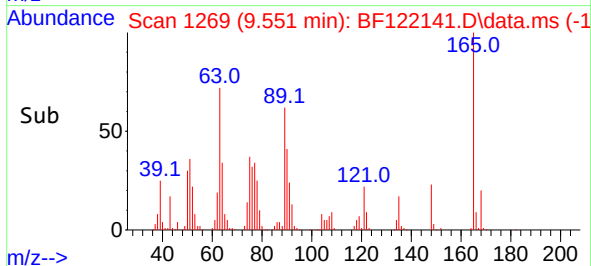
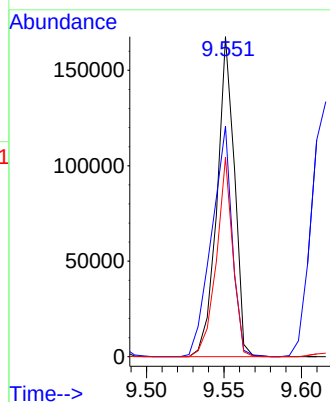
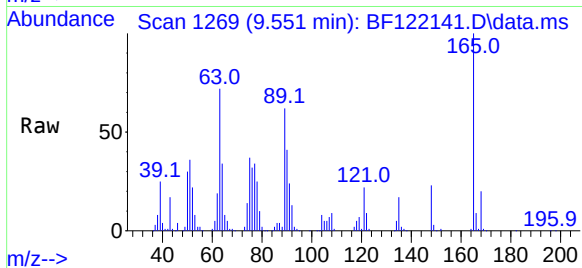
#51  
2,6-Dinitrotoluene  
Concen: 39.76 ng  
RT: 9.551 min Scan# 1269  
Delta R.T. -0.000 min  
Lab File: BF122141.D  
Acq: 28 Oct 2020 10:15

Tgt Ion:165 Resp: 130973  
Ion Ratio Lower Upper  
165 100  
63 72.1 51.8 77.6  
89 62.2 49.0 73.6

Instrument :  
BNA\_F  
ClientSampleId :  
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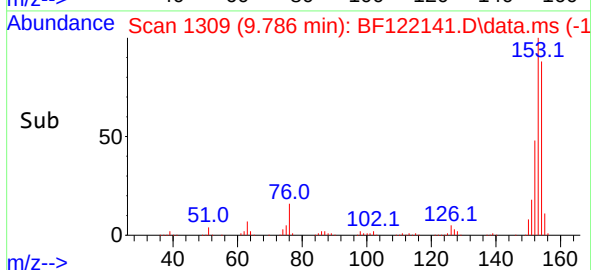
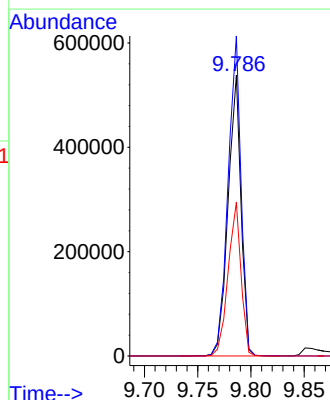
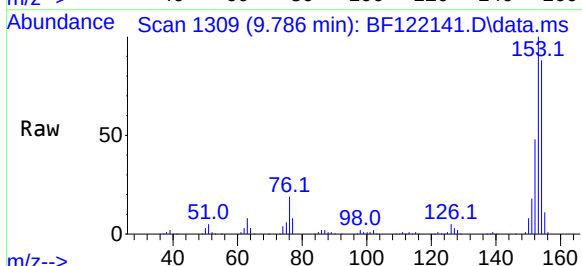
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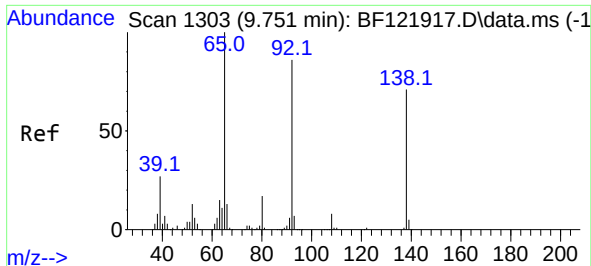
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#52  
Acenaphthene  
Concen: 38.44 ng  
RT: 9.786 min Scan# 1309  
Delta R.T. -0.000 min  
Lab File: BF122141.D  
Acq: 28 Oct 2020 10:15

Tgt Ion:154 Resp: 455966  
Ion Ratio Lower Upper  
154 100  
153 114.0 89.8 134.8  
152 54.8 43.2 64.8





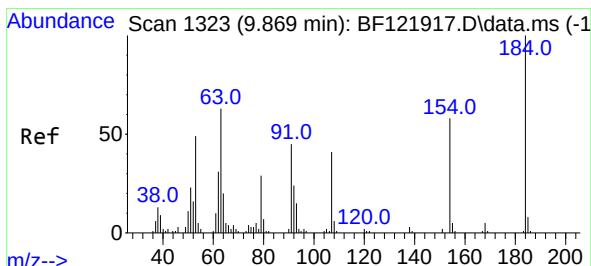
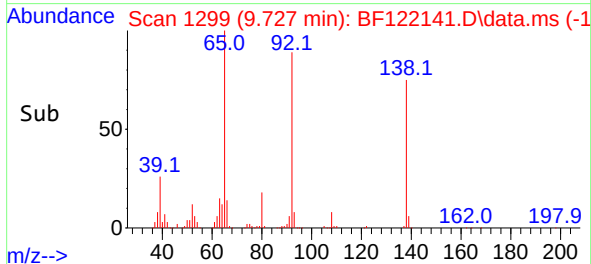
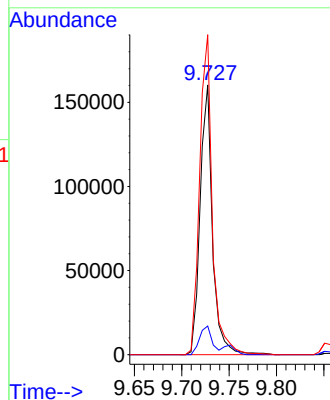
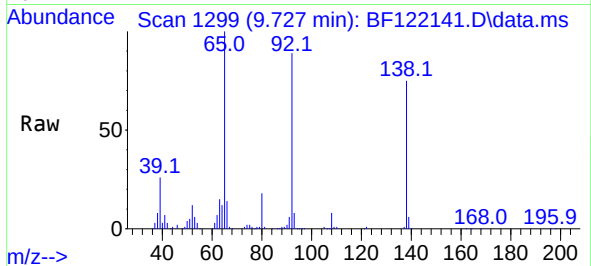
#53  
3-Nitroaniline  
Concen: 39.03 ng  
RT: 9.727 min Scan# 1299  
Delta R.T. 0.006 min  
Lab File: BF122141.D  
Acq: 28 Oct 2020 10:15

Tgt Ion:138 Resp: 146198  
Ion Ratio Lower Upper  
138 100  
108 10.6 8.6 13.0  
92 118.6 96.6 144.8

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

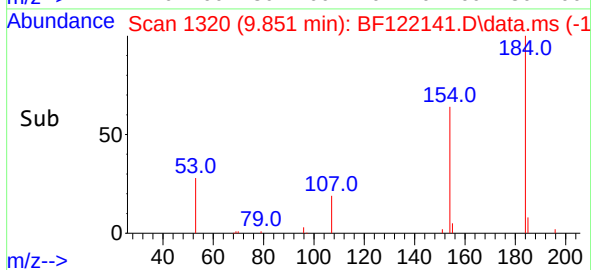
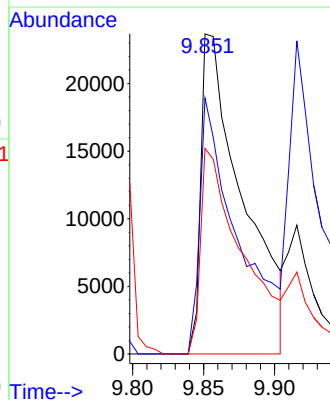
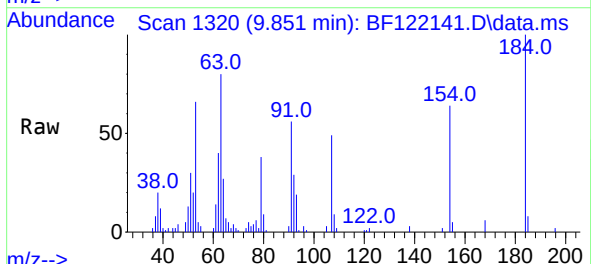
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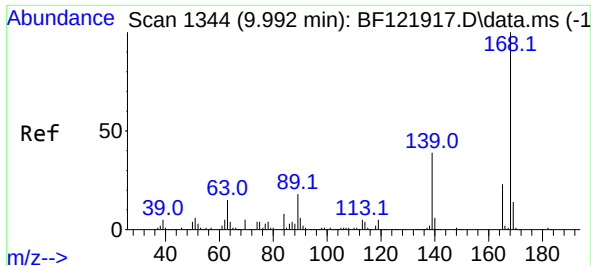
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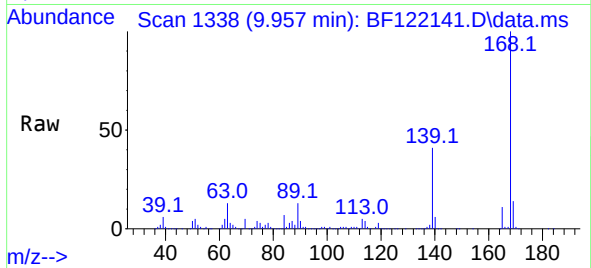
#54  
2,4-Dinitrophenol  
Concen: 34.24 ng  
RT: 9.851 min Scan# 1320  
Delta R.T. 0.006 min  
Lab File: BF122141.D  
Acq: 28 Oct 2020 10:15

Tgt Ion:184 Resp: 48179  
Ion Ratio Lower Upper  
184 100  
63 80.0 45.9 68.9#  
154 64.2 45.8 68.6

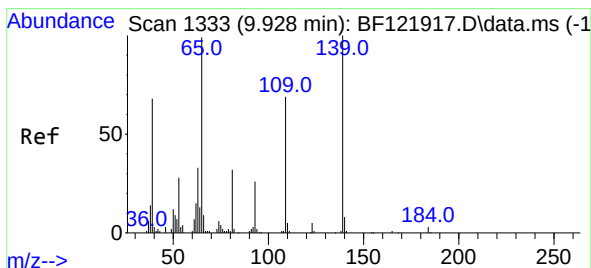
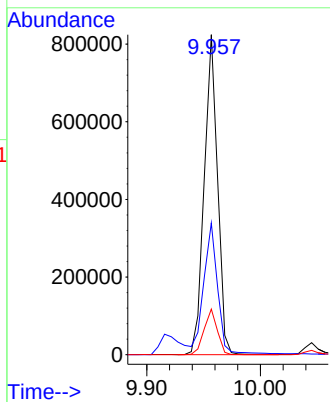
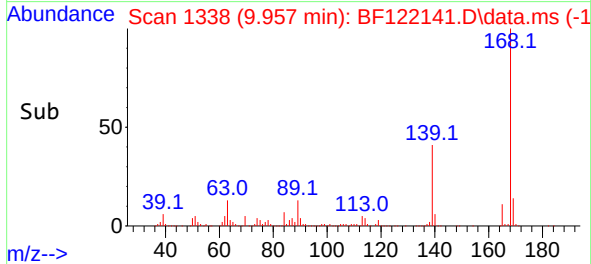




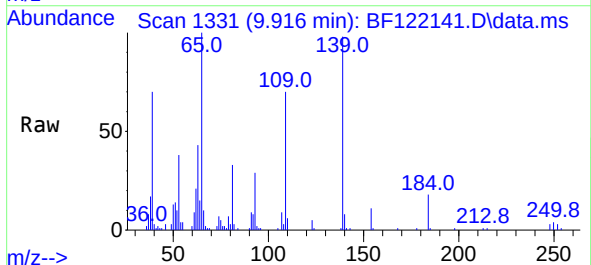
#55  
Dibenzenofuran  
Concen: 38.55 ng  
RT: 9.957 min Scan# 1338  
Delta R.T. -0.000 min  
Lab File: BF122141.D  
Acq: 28 Oct 2020 10:15



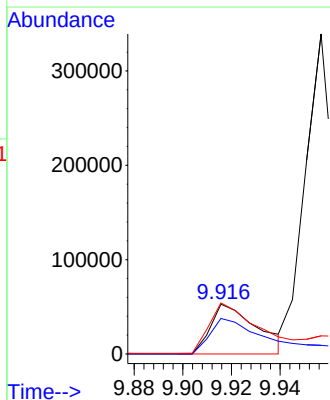
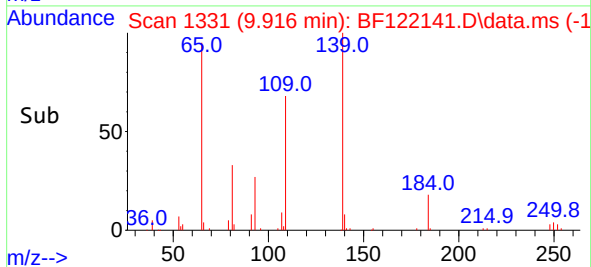
Tgt Ion:168 Resp: 668820  
Ion Ratio Lower Upper  
168 100  
139 41.2 31.0 46.6  
169 14.2 11.3 16.9



#56  
4-Nitrophenol  
Concen: 33.99 ng  
RT: 9.916 min Scan# 1331  
Delta R.T. 0.006 min  
Lab File: BF122141.D  
Acq: 28 Oct 2020 10:15



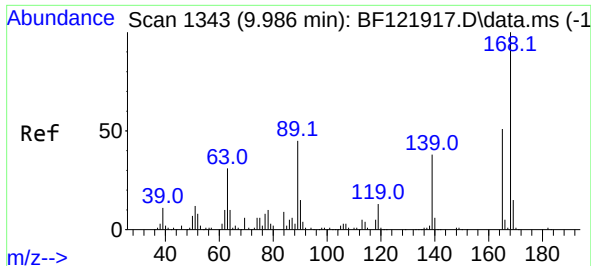
Tgt Ion:139 Resp: 69264  
Ion Ratio Lower Upper  
139 100  
109 71.5 45.4 85.4  
65 102.6 68.4 108.4



Instrument :  
BNA\_F  
ClientSampleId :  
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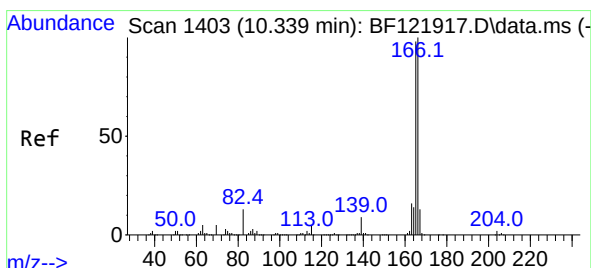
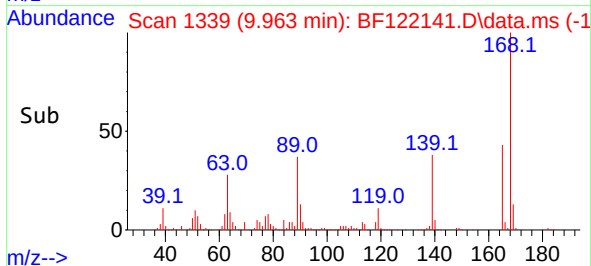
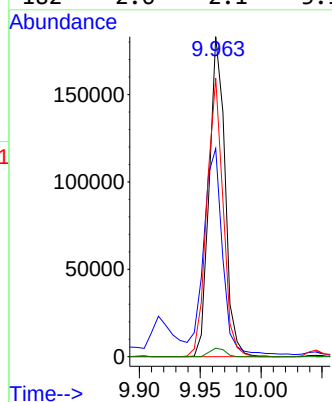
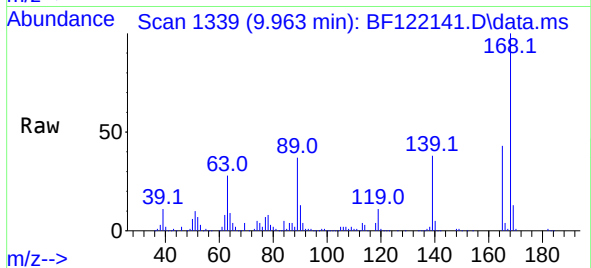
#57  
2,4-Dinitrotoluene  
Concen: 40.69 ng  
RT: 9.963 min Scan# 1339  
Delta R.T. -0.000 min  
Lab File: BF122141.D  
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Tgt Ion:165 Resp: 164999  
Ion Ratio Lower Upper  
165 100  
63 65.0 41.3 61.9#  
89 87.0 61.8 92.8  
182 2.6 2.1 3.1

Instrument :  
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ClientSampleId :  
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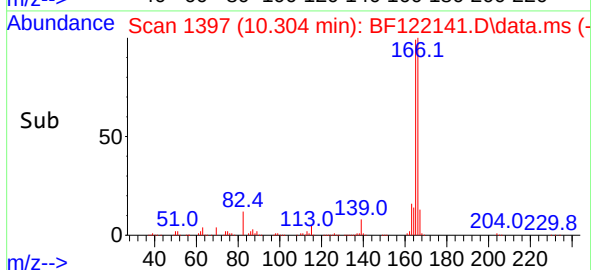
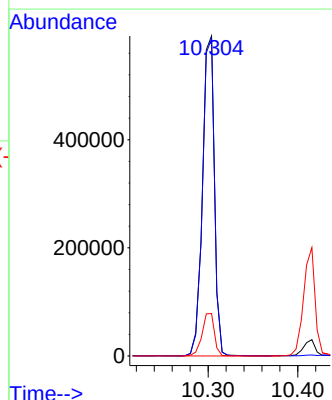
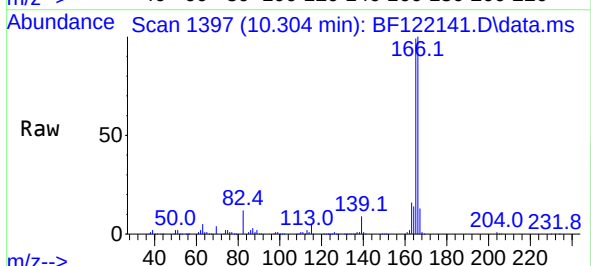
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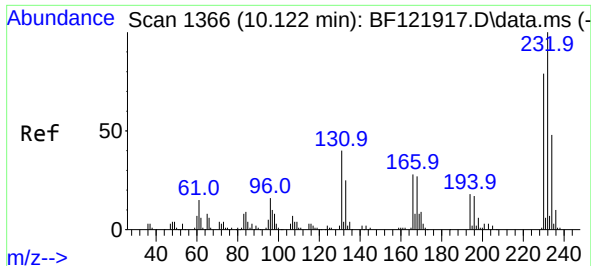


#58  
Fluorene  
Concen: 39.10 ng  
RT: 10.304 min Scan# 1397  
Delta R.T. 0.006 min  
Lab File: BF122141.D  
Acq: 28 Oct 2020 10:15

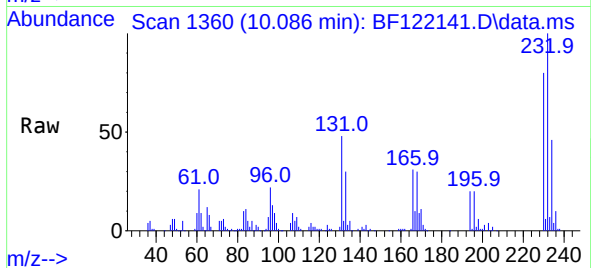
Tgt Ion:166 Resp: 546574  
Ion Ratio Lower Upper  
166 100  
165 99.1 79.1 118.7  
167 13.3 11.0 16.6



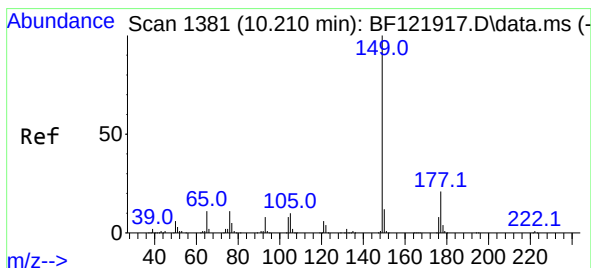
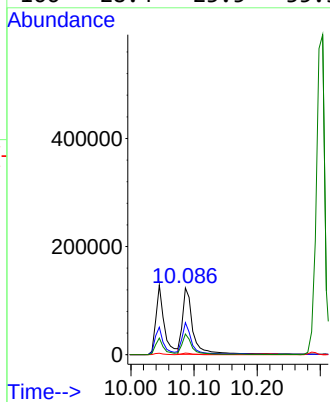
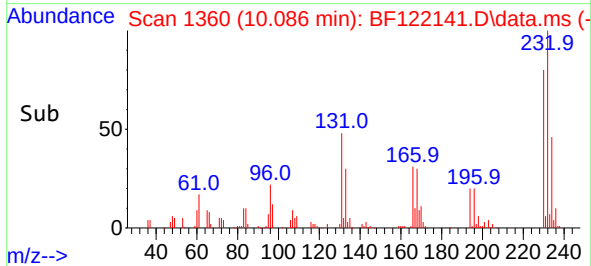




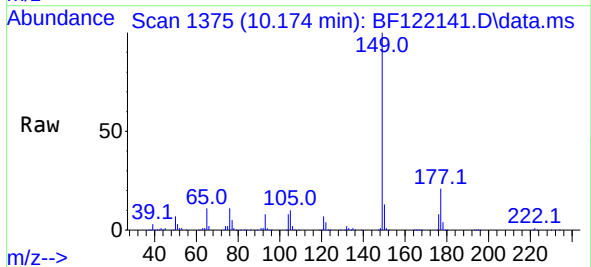
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 40.50 ng  
RT: 10.086 min Scan# 1360  
Delta R.T. -0.000 min  
Lab File: BF122141.D  
Acq: 28 Oct 2020 10:15



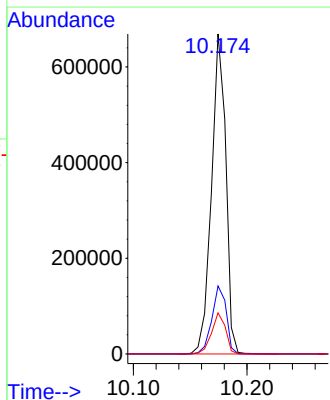
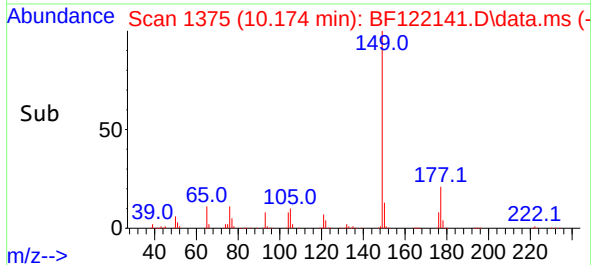
Tgt Ion:232 Resp: 138386  
Ion Ratio Lower Upper  
232 100  
131 42.9 35.9 53.9  
130 2.3 1.8 2.6  
166 28.4 23.5 35.3



#60  
Diethylphthalate  
Concen: 40.38 ng  
RT: 10.174 min Scan# 1375  
Delta R.T. -0.000 min  
Lab File: BF122141.D  
Acq: 28 Oct 2020 10:15



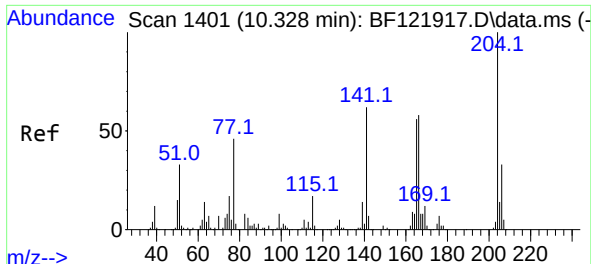
Tgt Ion:149 Resp: 584666  
Ion Ratio Lower Upper  
149 100  
177 21.3 18.1 27.1  
150 12.9 10.3 15.5



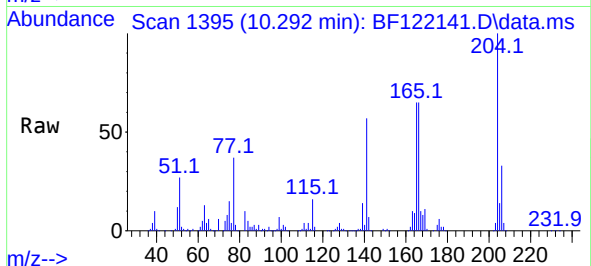
Instrument :  
BNA\_F  
ClientSampleId :  
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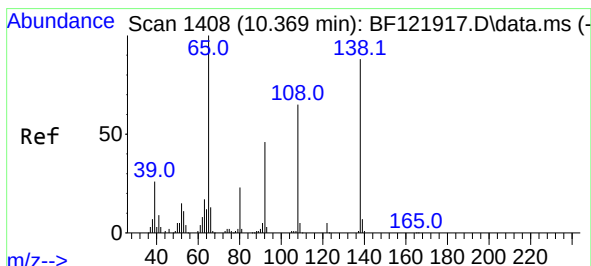
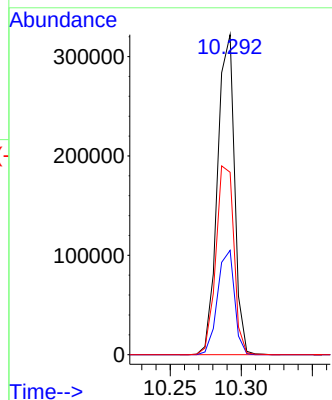
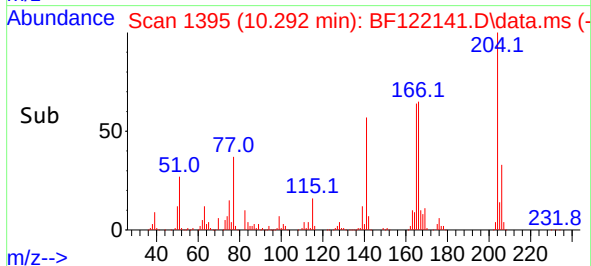
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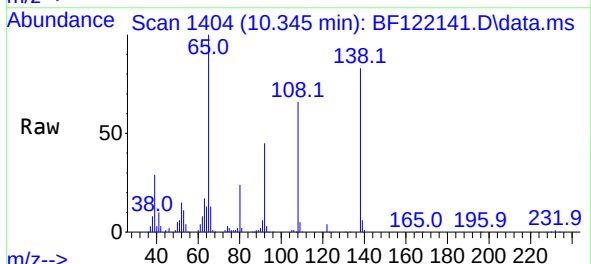
#61  
4-Chlorophenyl-phenylether  
Concen: 39.99 ng  
RT: 10.292 min Scan# 1395  
Delta R.T. 0.006 min  
Lab File: BF122141.D  
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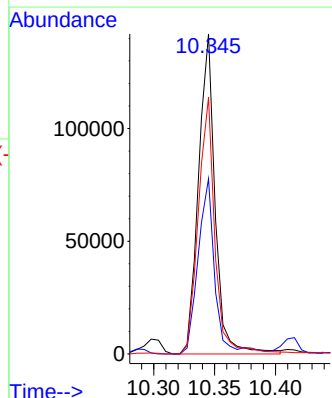
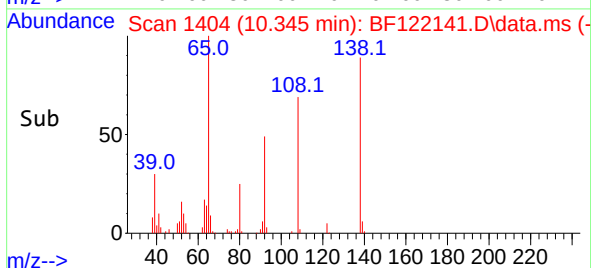
Tgt Ion:204 Resp: 268080  
Ion Ratio Lower Upper  
204 100  
206 32.6 26.0 39.0  
141 57.0 46.2 69.4



#62  
4-Nitroaniline  
Concen: 36.22 ng  
RT: 10.345 min Scan# 1404  
Delta R.T. 0.006 min  
Lab File: BF122141.D  
Acq: 28 Oct 2020 10:15



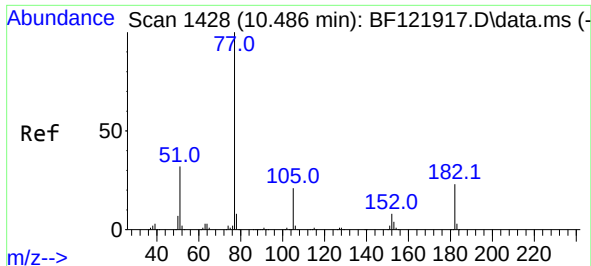
Tgt Ion:138 Resp: 135553  
Ion Ratio Lower Upper  
138 100  
92 54.7 31.0 71.0  
108 80.2 51.5 91.5



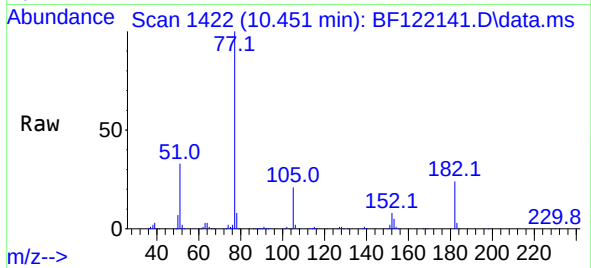
Instrument :  
BNA\_F  
ClientSampleId :  
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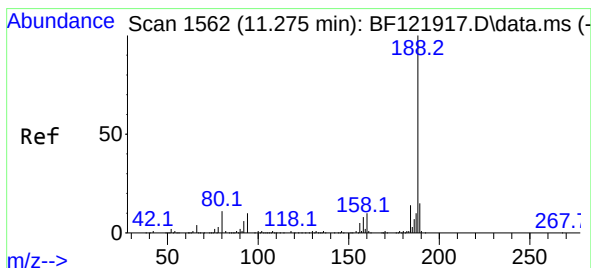
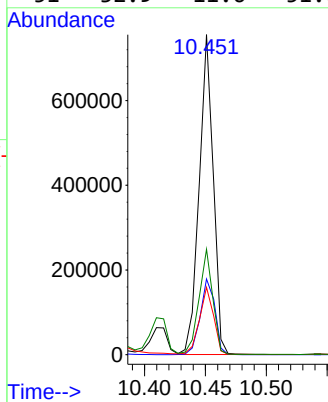
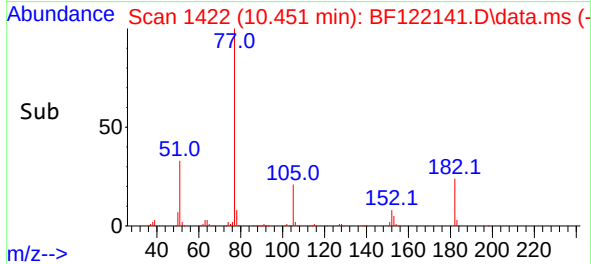
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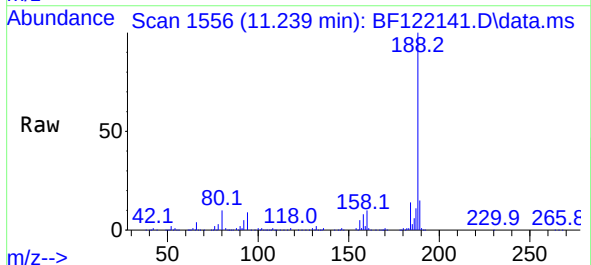
#63  
Azobenzene  
Concen: 39.77 ng  
RT: 10.451 min Scan# 1422  
Delta R.T. -0.000 min  
Lab File: BF122141.D  
Acq: 28 Oct 2020 10:15



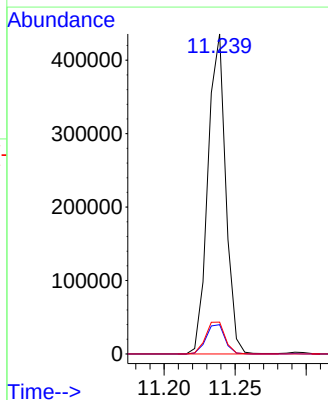
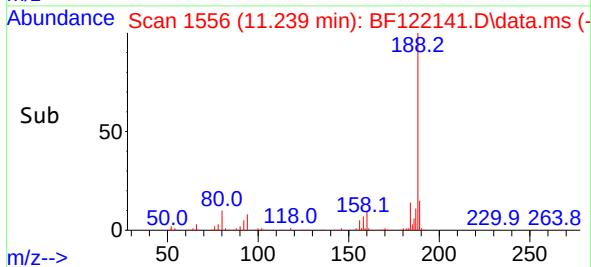
Tgt Ion: 77 Resp: 609017  
Ion Ratio Lower Upper  
77 100  
182 23.7 3.4 43.4  
105 21.0 1.7 41.7  
51 32.9 11.6 51.6



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.239 min Scan# 1556  
Delta R.T. 0.006 min  
Lab File: BF122141.D  
Acq: 28 Oct 2020 10:15



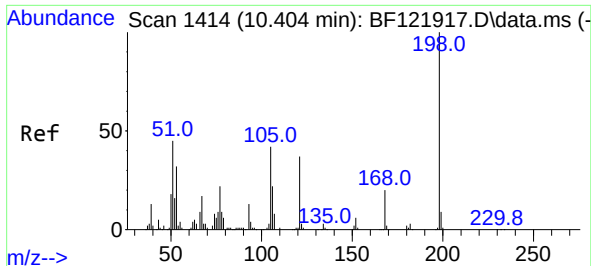
Tgt Ion: 188 Resp: 380705  
Ion Ratio Lower Upper  
188 100  
94 9.2 8.3 12.5  
80 9.9 9.1 13.7



Instrument :  
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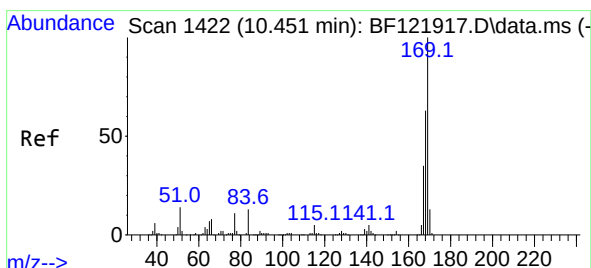
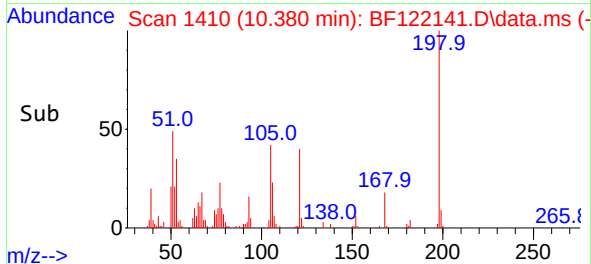
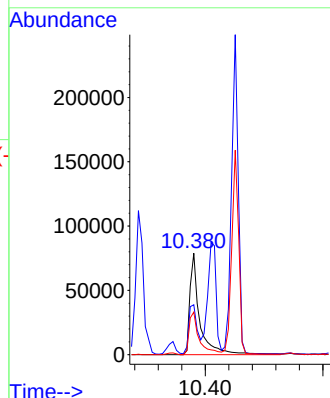
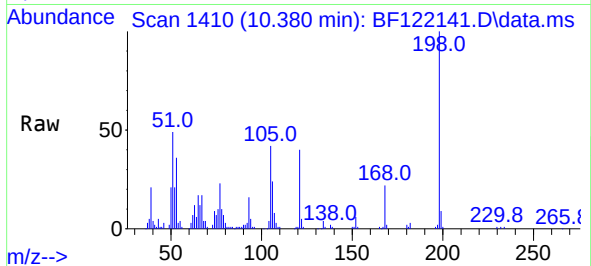
#65  
4,6-Dinitro-2-methylphenol  
Concen: 37.26 ng  
RT: 10.380 min Scan# 1410  
Delta R.T. 0.006 min  
Lab File: BF122141.D  
Acq: 28 Oct 2020 10:15

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 198   | Resp: | 92267 |
| Ion      | Ratio | Lower | Upper |
| 198      | 100   |       |       |
| 51       | 49.2  | 29.6  | 69.6  |
| 105      | 42.0  | 24.4  | 64.4  |

Instrument :  
BNA\_F  
ClientSampleId :  
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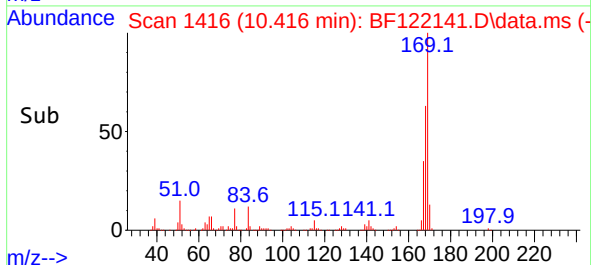
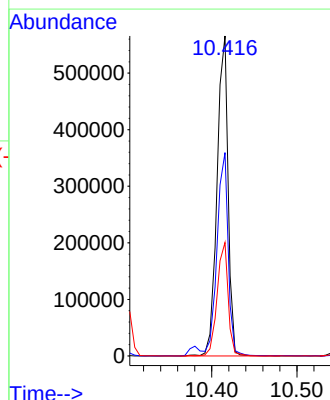
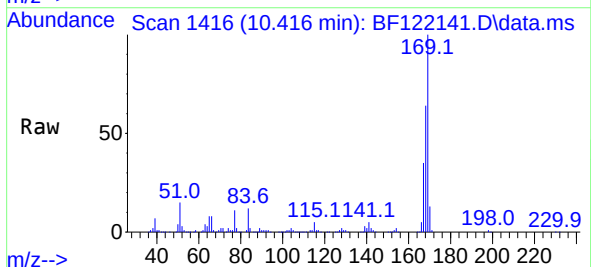
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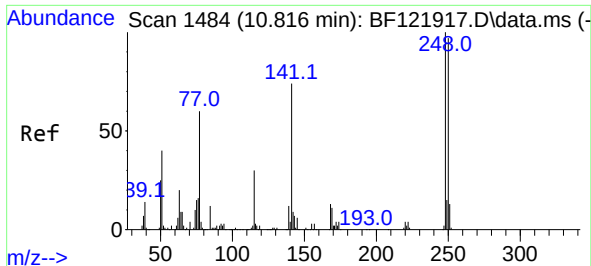
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#66  
n-Nitrosodiphenylamine  
Concen: 38.74 ng  
RT: 10.416 min Scan# 1416  
Delta R.T. 0.006 min  
Lab File: BF122141.D  
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|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 169   | Resp: | 508022 |
| Ion      | Ratio | Lower | Upper  |
| 169      | 100   |       |        |
| 168      | 63.6  | 50.0  | 75.0   |
| 167      | 35.4  | 27.8  | 41.6   |





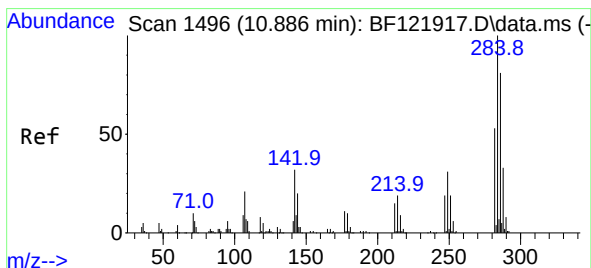
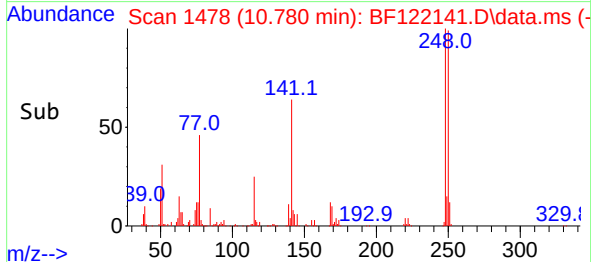
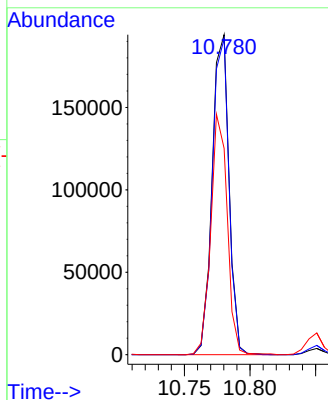
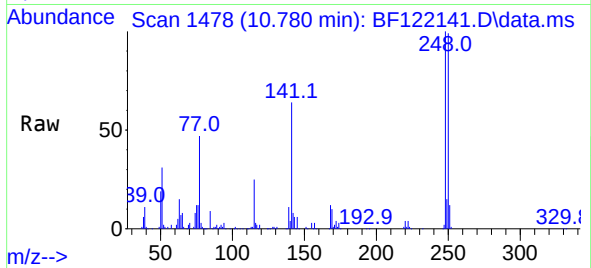
#67  
4-Bromophenyl-phenylether  
Concen: 39.55 ng  
RT: 10.780 min Scan# 1478  
Delta R.T. 0.006 min  
Lab File: BF122141.D  
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Tgt Ion:248 Resp: 173947  
Ion Ratio Lower Upper  
248 100  
250 98.7 77.0 115.6  
141 64.5 53.7 80.5

Instrument :  
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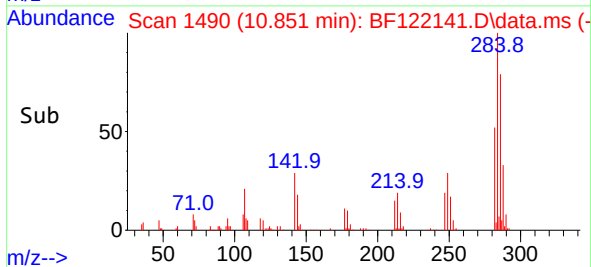
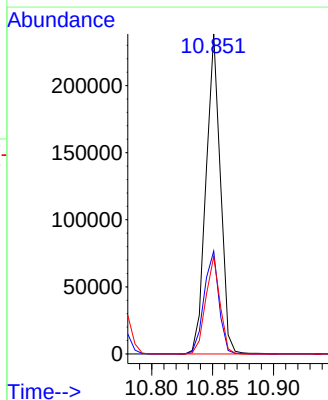
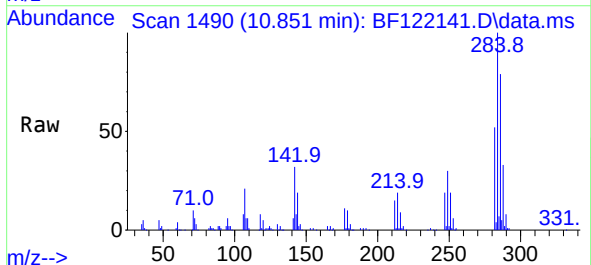
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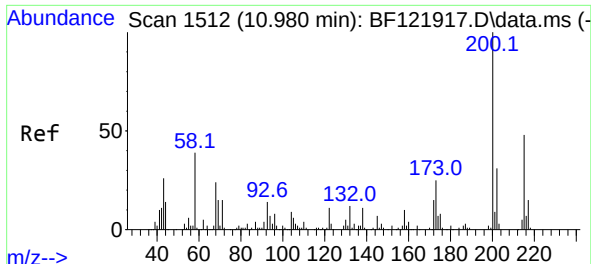
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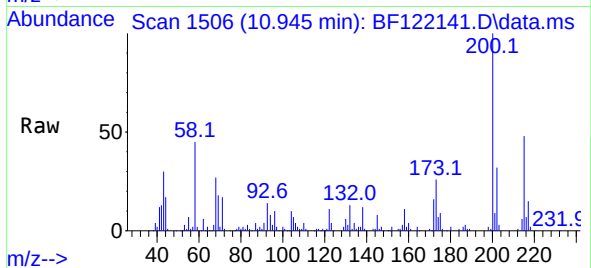
#68  
Hexachlorobenzene  
Concen: 39.06 ng  
RT: 10.851 min Scan# 1490  
Delta R.T. -0.000 min  
Lab File: BF122141.D  
Acq: 28 Oct 2020 10:15

Tgt Ion:284 Resp: 194457  
Ion Ratio Lower Upper  
284 100  
142 32.2 27.4 41.2  
249 30.4 24.2 36.4

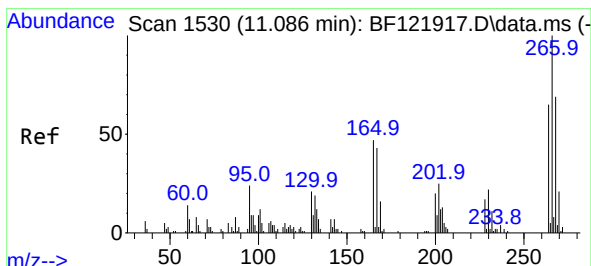
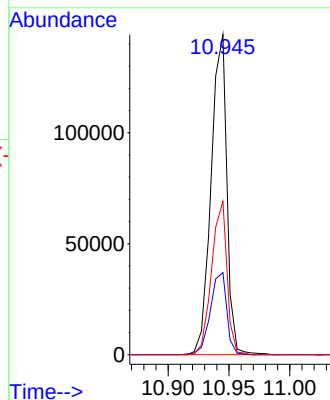
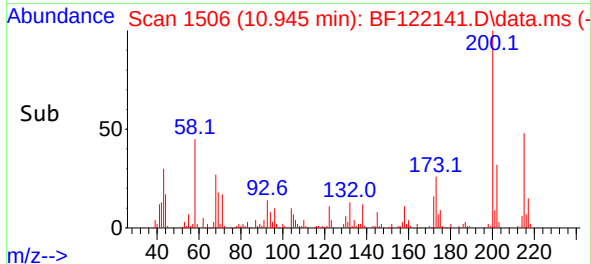




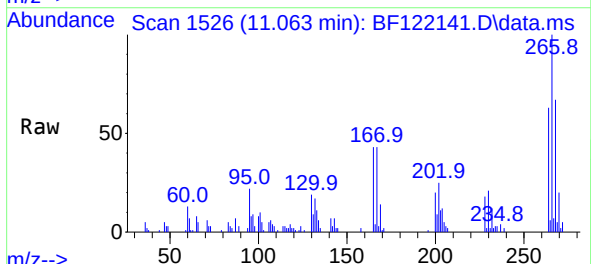
#69  
Atrazine  
Concen: 40.46 ng  
RT: 10.945 min Scan# 1506  
Delta R.T. 0.006 min  
Lab File: BF122141.D  
Acq: 28 Oct 2020 10:15



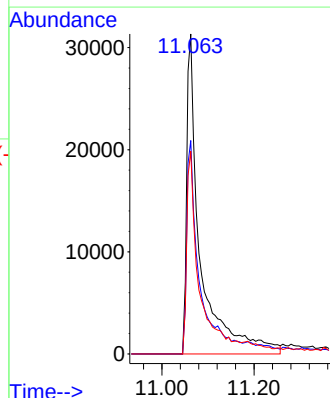
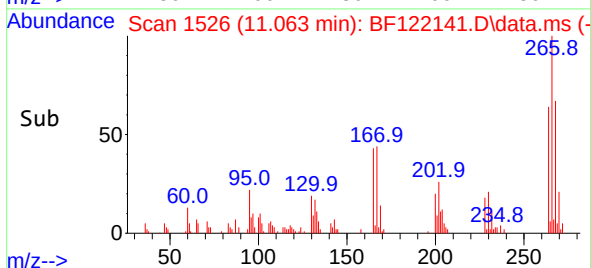
Tgt Ion:200 Resp: 129741  
Ion Ratio Lower Upper  
200 100  
173 25.6 7.5 47.5  
215 47.9 27.1 67.1



#70  
Pentachlorophenol  
Concen: 37.79 ng  
RT: 11.063 min Scan# 1526  
Delta R.T. 0.006 min  
Lab File: BF122141.D  
Acq: 28 Oct 2020 10:15



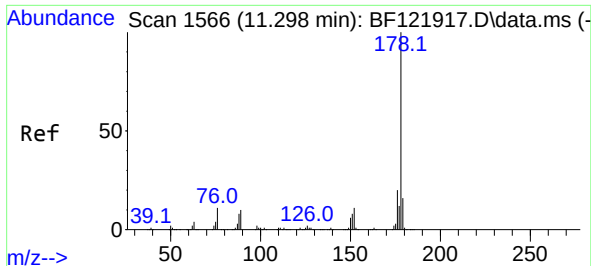
Tgt Ion:266 Resp: 64854  
Ion Ratio Lower Upper  
266 100  
268 66.7 52.4 78.6  
264 63.3 49.9 74.9



Instrument :  
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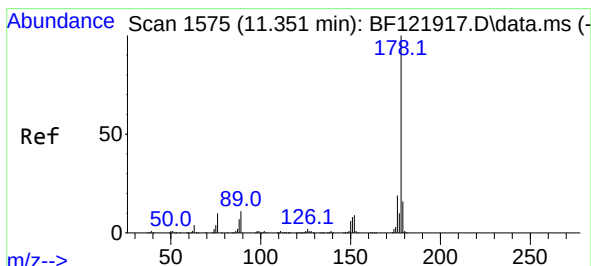
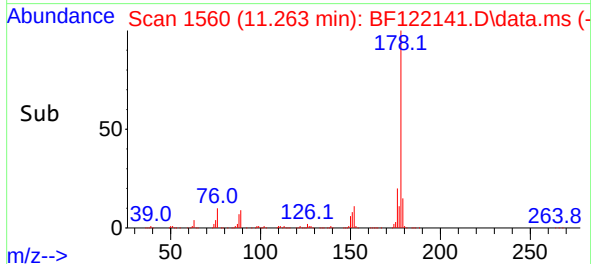
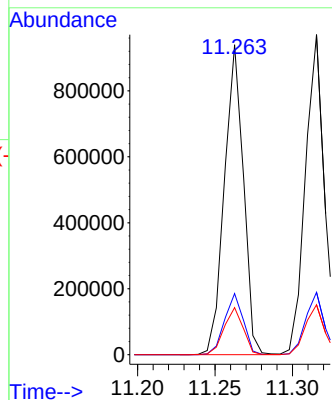
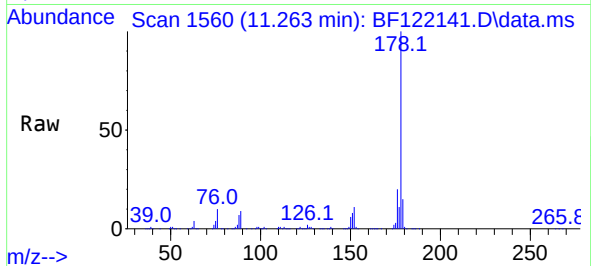
#71  
Phenanthrene  
Concen: 38.50 ng  
RT: 11.263 min Scan# 1560  
Delta R.T. -0.000 min  
Lab File: BF122141.D  
Acq: 28 Oct 2020 10:15

Tgt Ion:178 Resp: 803581  
Ion Ratio Lower Upper  
178 100  
176 19.7 15.9 23.9  
179 15.2 12.2 18.4

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

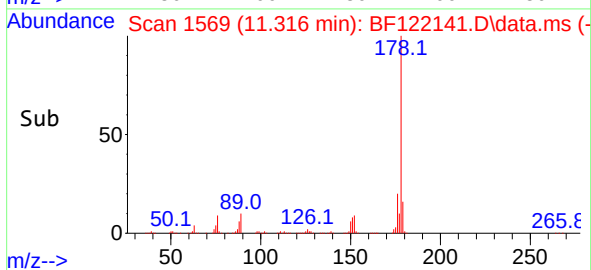
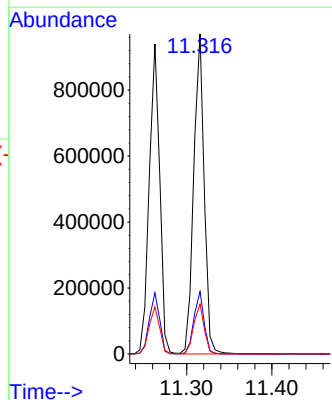
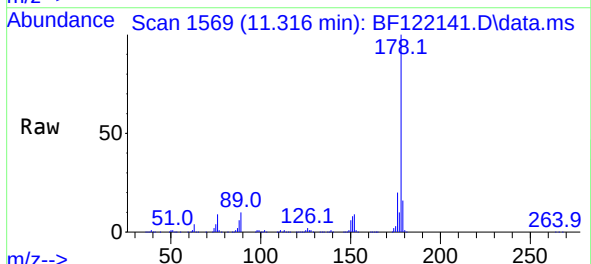
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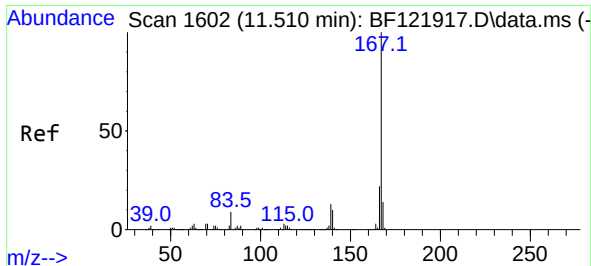
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#72  
Anthracene  
Concen: 38.28 ng  
RT: 11.316 min Scan# 1569  
Delta R.T. -0.000 min  
Lab File: BF122141.D  
Acq: 28 Oct 2020 10:15

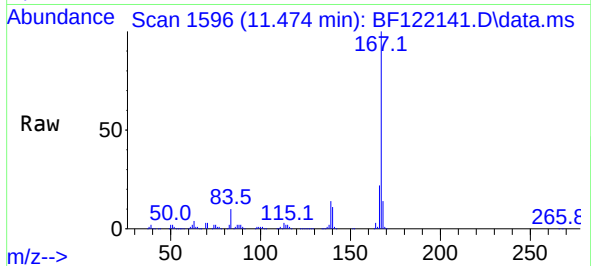
Tgt Ion:178 Resp: 828808  
Ion Ratio Lower Upper  
178 100  
176 19.5 15.7 23.5  
179 15.6 12.7 19.1





#73  
 Carbazole  
 Concen: 38.09 ng  
 RT: 11.474 min Scan# 1596  
 Delta R.T. -0.000 min  
 Lab File: BF122141.D  
 Acq: 28 Oct 2020 10:15

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

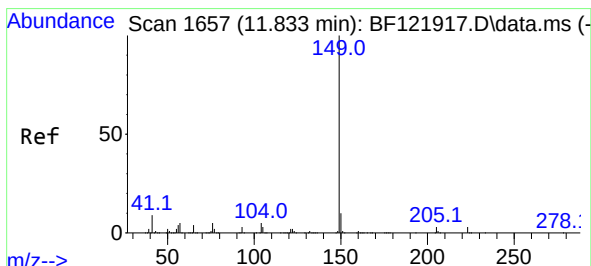
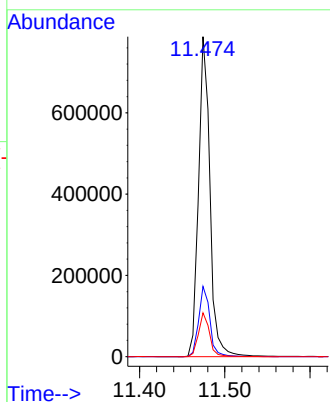
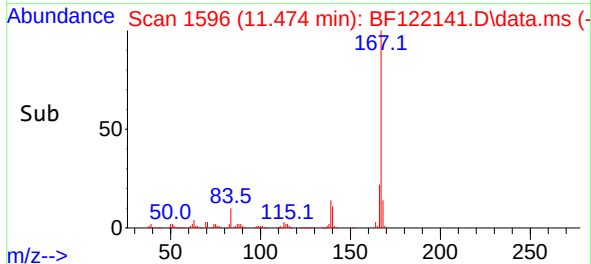


Tgt Ion:167 Resp: 733287  

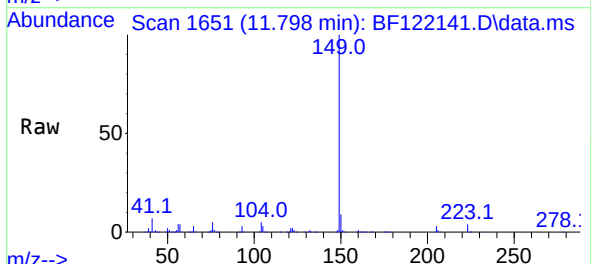
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 22.0  | 17.8  | 26.6  |
| 139 | 13.7  | 10.8  | 16.2  |

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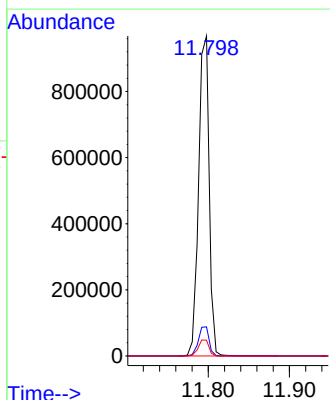
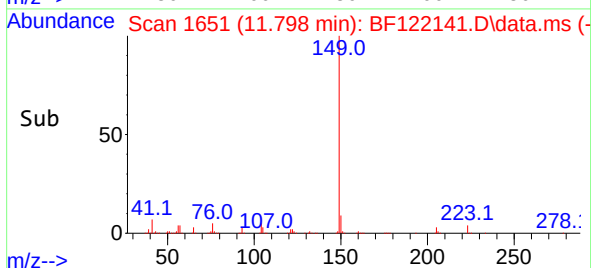


#74  
 Di-n-butylphthalate  
 Concen: 39.66 ng  
 RT: 11.798 min Scan# 1651  
 Delta R.T. 0.006 min  
 Lab File: BF122141.D  
 Acq: 28 Oct 2020 10:15

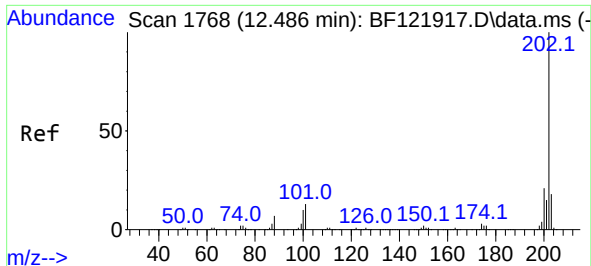


Tgt Ion:149 Resp: 878271  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.1   | 7.7   | 11.5  |
| 104 | 4.9   | 4.2   | 6.2   |

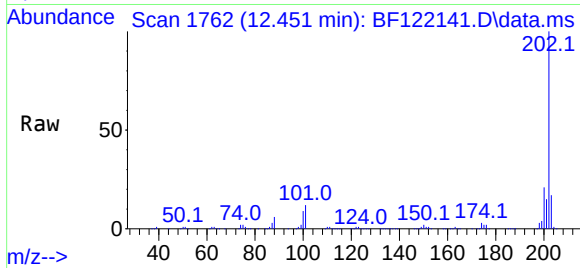






#75  
Fluoranthene  
Concen: 37.48 ng  
RT: 12.451 min Scan# 1762  
Delta R.T. -0.000 min  
Lab File: BF122141.D  
Acq: 28 Oct 2020 10:15

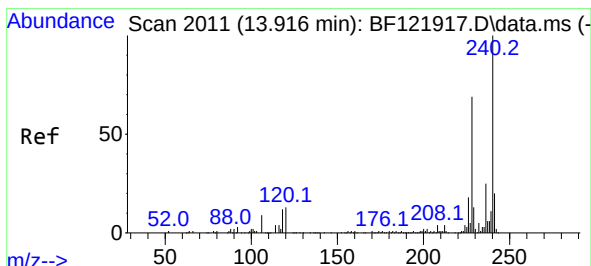
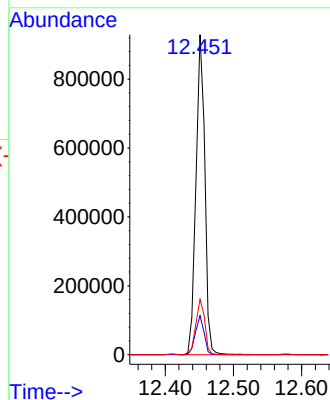
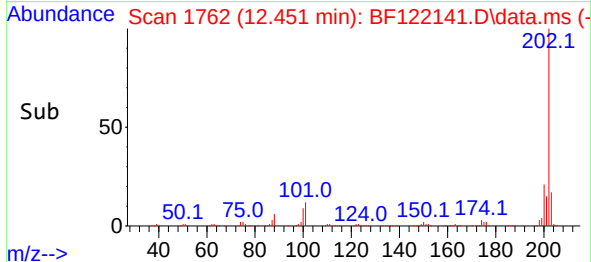
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



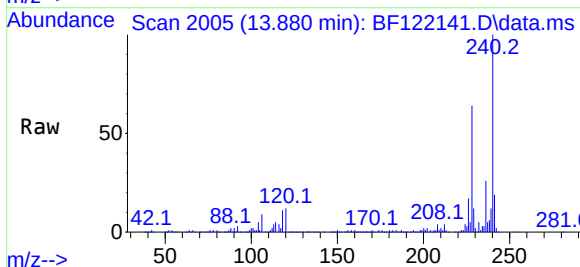
Tgt Ion:202 Resp: 838797  
Ion Ratio Lower Upper  
202 100  
101 12.2 0.0 33.4  
203 17.3 0.0 37.9

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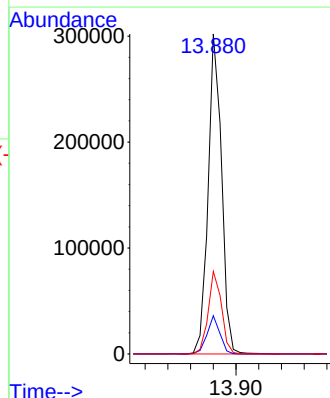
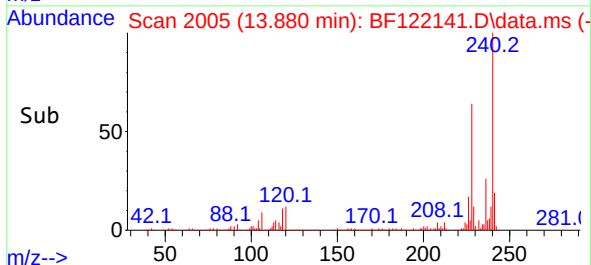
mohammad  
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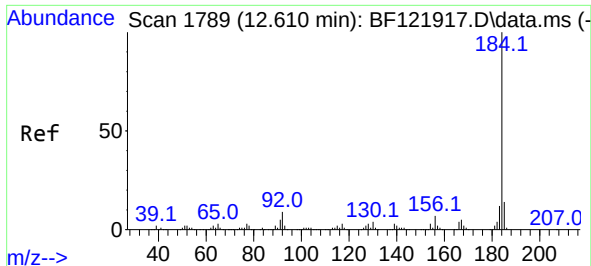


#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 13.880 min Scan# 2005  
Delta R.T. -0.000 min  
Lab File: BF122141.D  
Acq: 28 Oct 2020 10:15



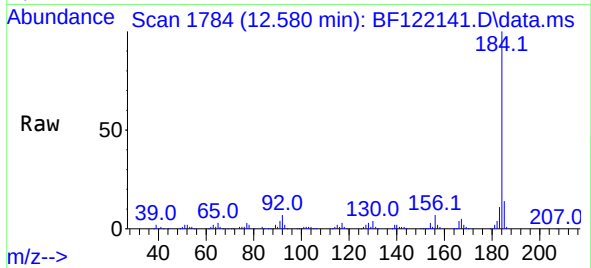
Tgt Ion:240 Resp: 247435  
Ion Ratio Lower Upper  
240 100  
120 12.0 9.2 13.8  
236 25.8 20.9 31.3





#77  
Benzidine  
Concen: 35.45 ng  
RT: 12.580 min Scan# 1784  
Delta R.T. 0.006 min  
Lab File: BF122141.D  
Acq: 28 Oct 2020 10:15

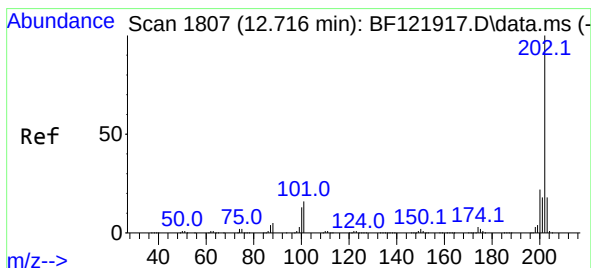
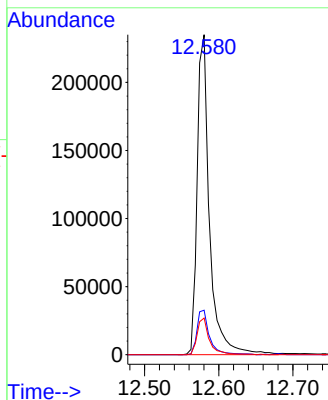
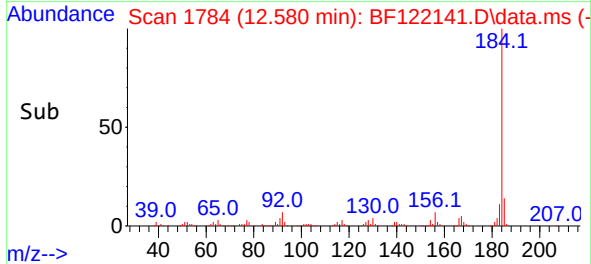
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



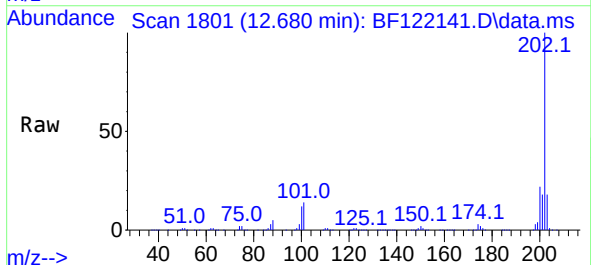
Tgt Ion:184 Resp: 270430  
Ion Ratio Lower Upper  
184 100  
185 13.9 11.6 17.4  
183 11.5 9.4 14.0

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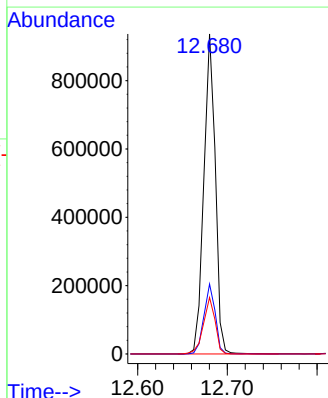
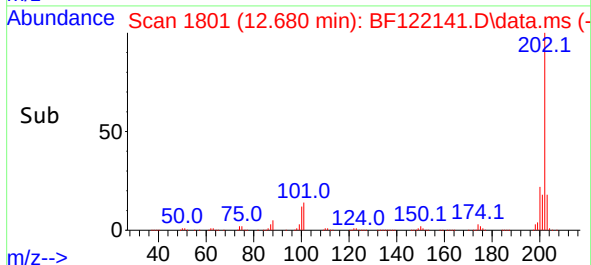
mohammad  
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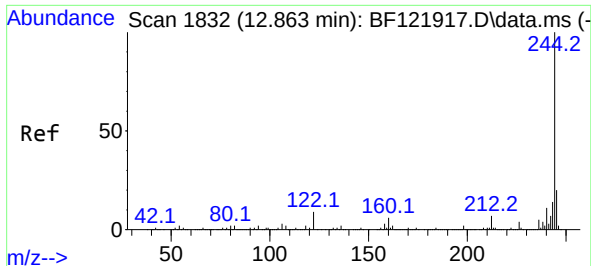


#78  
Pyrene  
Concen: 44.18 ng  
RT: 12.680 min Scan# 1801  
Delta R.T. -0.000 min  
Lab File: BF122141.D  
Acq: 28 Oct 2020 10:15



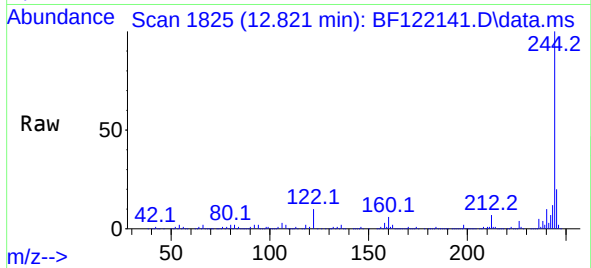
Tgt Ion:202 Resp: 833022  
Ion Ratio Lower Upper  
202 100  
200 21.8 17.4 26.2  
203 17.7 14.6 21.8





#79  
Terphenyl-d14  
Concen: 88.04 ng  
RT: 12.821 min Scan# 1825  
Delta R.T. 0.006 min  
Lab File: BF122141.D  
Acq: 28 Oct 2020 10:15

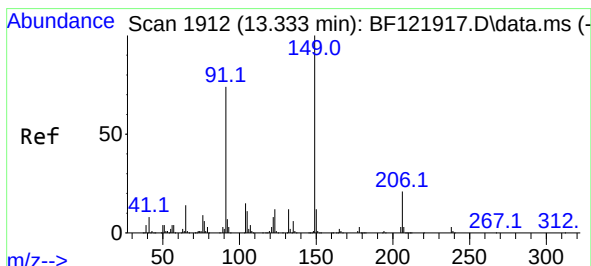
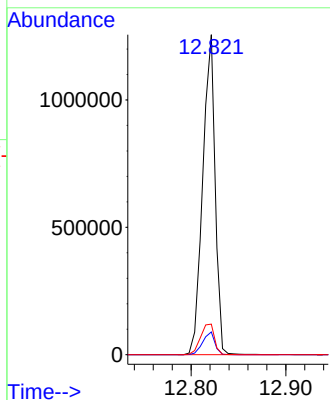
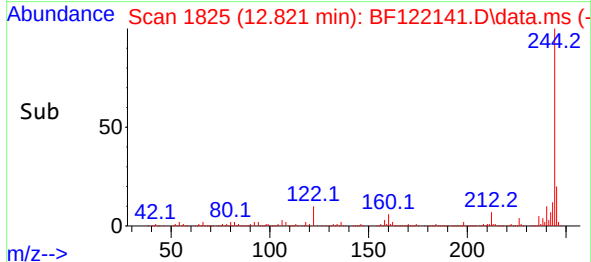
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



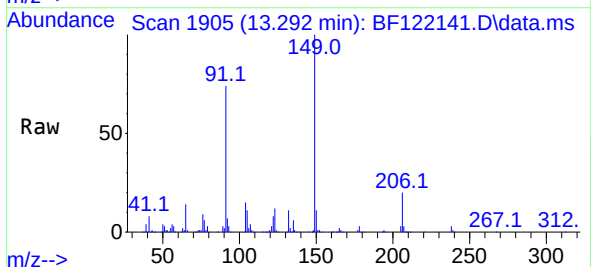
Tgt Ion:244 Resp: 1143018  
Ion Ratio Lower Upper  
244 100  
212 7.1 5.4 8.2  
122 9.6 8.1 12.1

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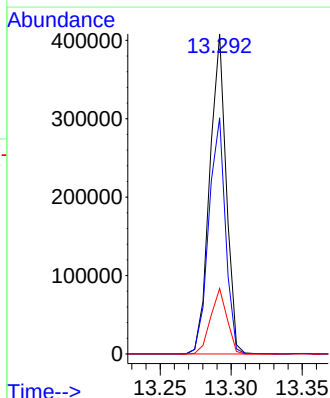
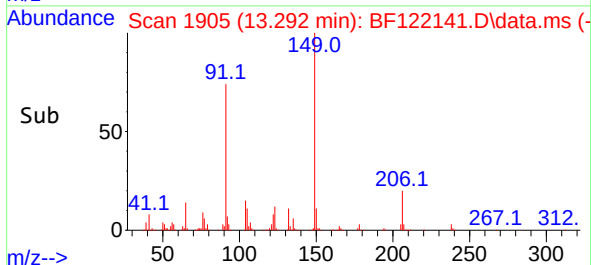
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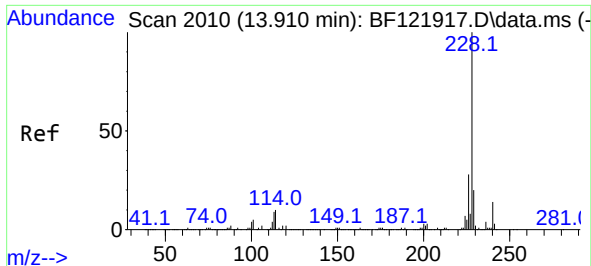


#80  
Butylbenzylphthalate  
Concen: 43.96 ng  
RT: 13.292 min Scan# 1905  
Delta R.T. -0.000 min  
Lab File: BF122141.D  
Acq: 28 Oct 2020 10:15



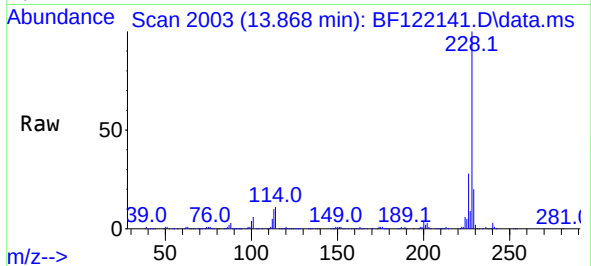
Tgt Ion:149 Resp: 328737  
Ion Ratio Lower Upper  
149 100  
91 73.8 61.0 91.4  
206 20.4 16.7 25.1





#81  
Benzo(a)anthracene  
Concen: 40.16 ng  
RT: 13.868 min Scan# 2003  
Delta R.T. -0.000 min  
Lab File: BF122141.D  
Acq: 28 Oct 2020 10:15

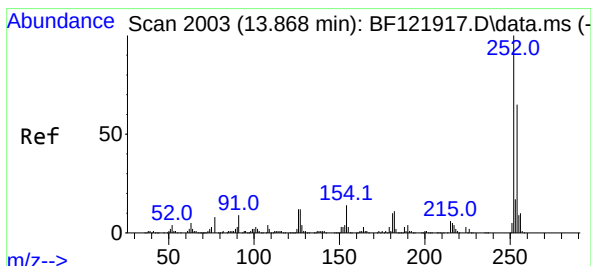
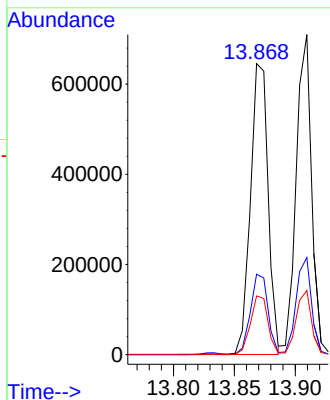
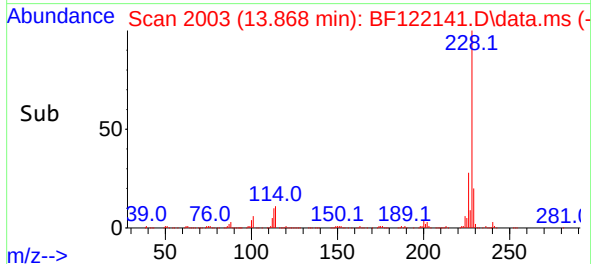
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



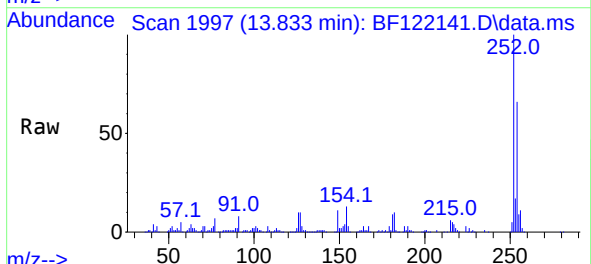
Tgt Ion:228 Resp: 651218  
Ion Ratio Lower Upper  
228 100  
226 27.6 22.3 33.5  
229 20.2 16.2 24.4

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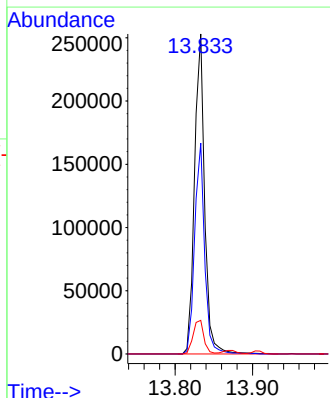
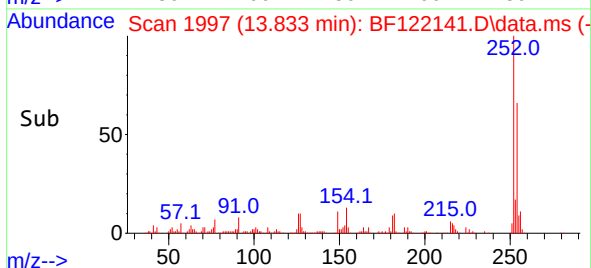
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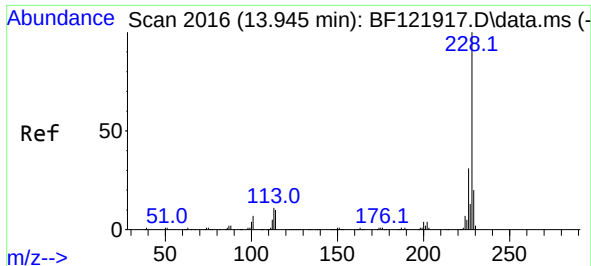


#82  
3,3'-Dichlorobenzidine  
Concen: 38.16 ng  
RT: 13.833 min Scan# 1997  
Delta R.T. 0.006 min  
Lab File: BF122141.D  
Acq: 28 Oct 2020 10:15



Tgt Ion:252 Resp: 229538  
Ion Ratio Lower Upper  
252 100  
254 65.9 51.8 77.6  
126 10.5 8.8 13.2





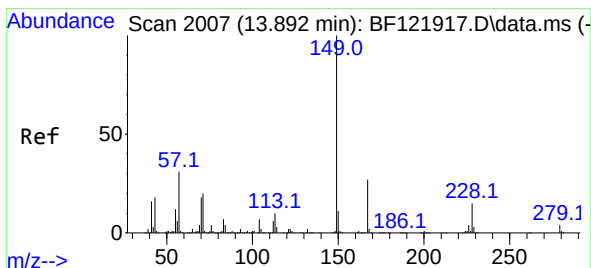
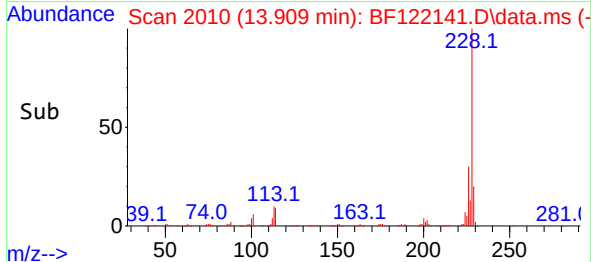
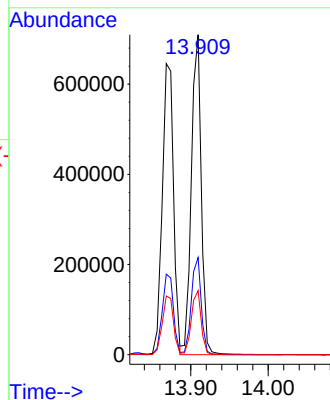
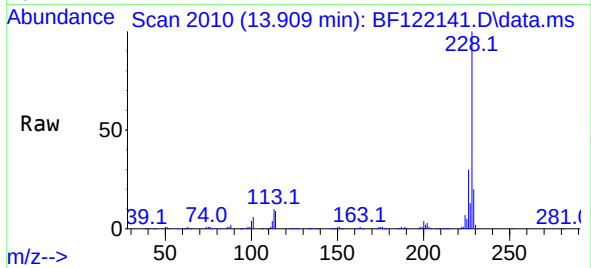
#83  
Chrysene  
Concen: 39.65 ng  
RT: 13.909 min Scan# 2010  
Delta R.T. 0.006 min  
Lab File: BF122141.D  
Acq: 28 Oct 2020 10:15

Tgt Ion:228 Resp: 631162  
Ion Ratio Lower Upper  
228 100  
226 30.4 24.6 37.0  
229 20.0 15.9 23.9

Instrument :  
BNA\_F  
ClientSampleId :  
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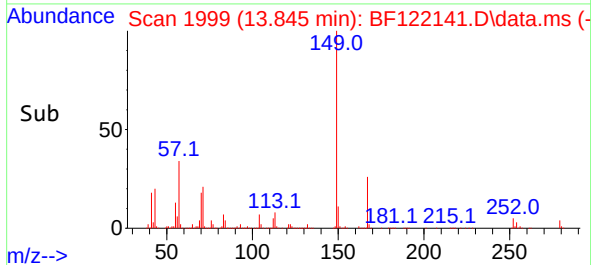
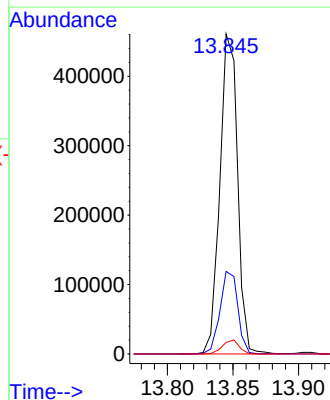
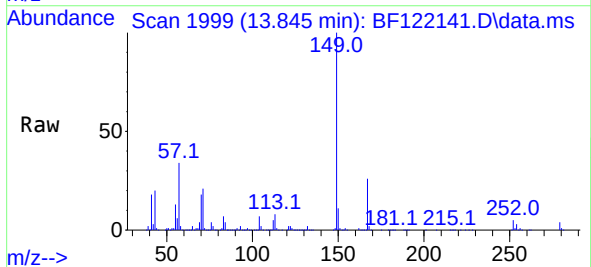
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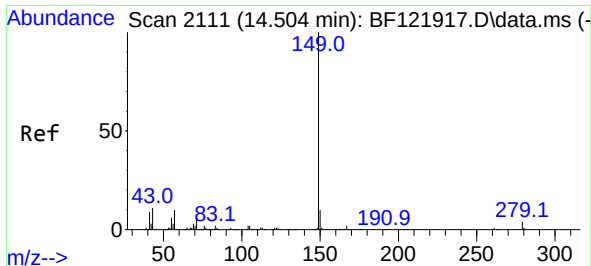
mohammad  
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#84  
Bis(2-ethylhexyl)phthalate  
Concen: 42.48 ng  
RT: 13.845 min Scan# 1999  
Delta R.T. -0.000 min  
Lab File: BF122141.D  
Acq: 28 Oct 2020 10:15

Tgt Ion:149 Resp: 431253  
Ion Ratio Lower Upper  
149 100  
167 25.8 20.9 31.3  
279 3.6 3.2 4.8





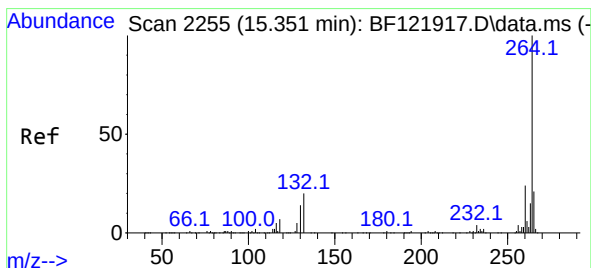
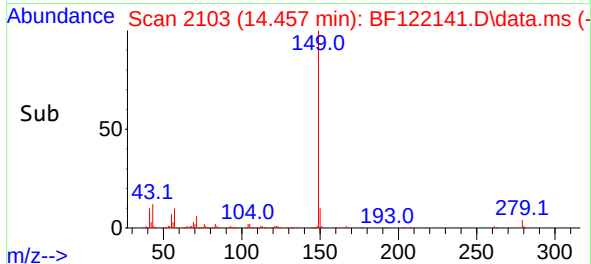
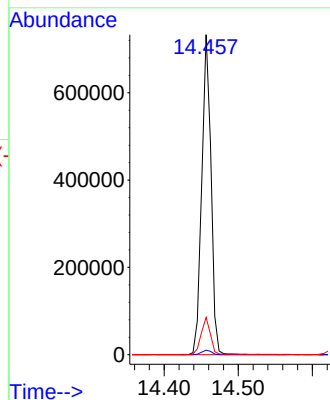
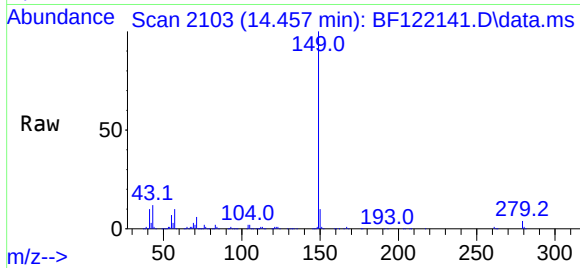
#85  
Di-n-octyl phthalate  
Concen: 38.88 ng  
RT: 14.457 min Scan# 2103  
Delta R.T. -0.000 min  
Lab File: BF122141.D  
Acq: 28 Oct 2020 10:15

Tgt Ion:149 Resp: 638484  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.2 1.8  
43 11.6 9.0 13.6

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

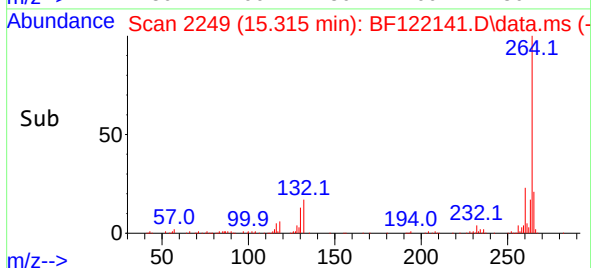
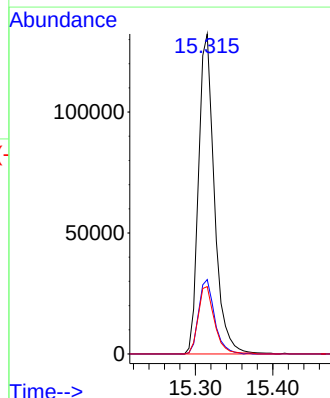
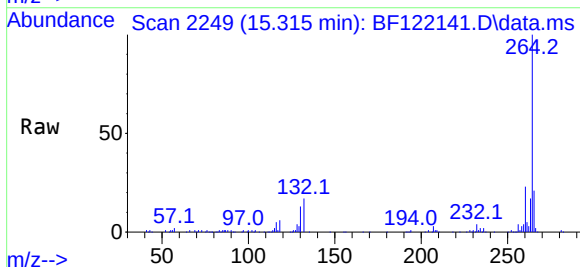
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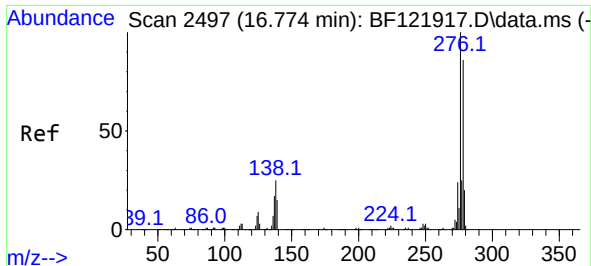
mohammad  
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#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.315 min Scan# 2249  
Delta R.T. 0.012 min  
Lab File: BF122141.D  
Acq: 28 Oct 2020 10:15

Tgt Ion:264 Resp: 187764  
Ion Ratio Lower Upper  
264 100  
260 23.2 18.7 28.1  
265 21.1 17.3 25.9





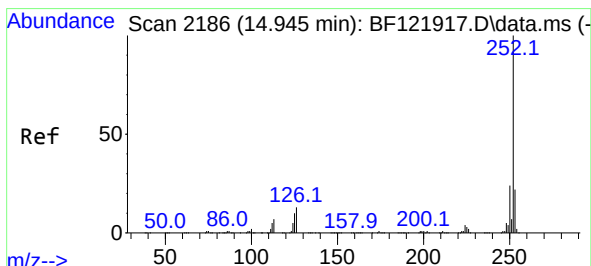
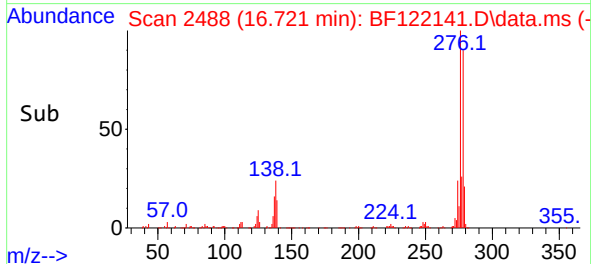
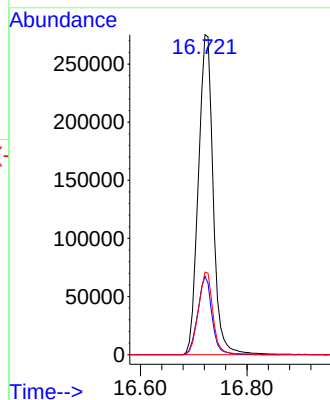
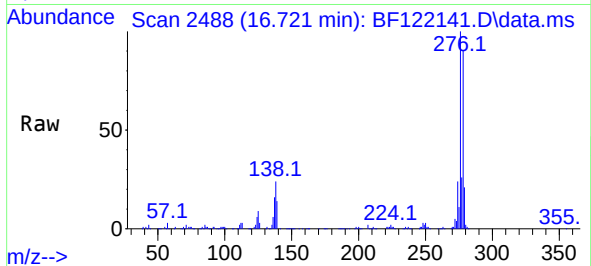
#87  
Indeno(1,2,3-cd)pyrene  
Concen: 43.59 ng  
RT: 16.721 min Scan# 2488  
Delta R.T. 0.006 min  
Lab File: BF122141.D  
Acq: 28 Oct 2020 10:15

Tgt Ion: 276 Resp: 531405  
Ion Ratio Lower Upper  
276 100  
138 23.5 19.9 29.9  
277 25.2 20.4 30.6

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

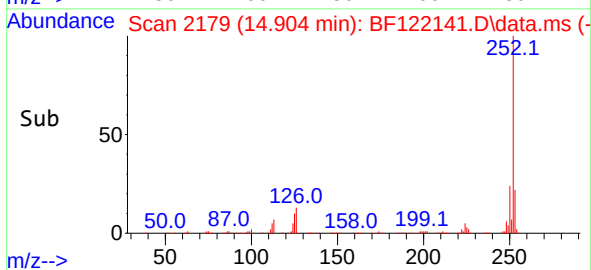
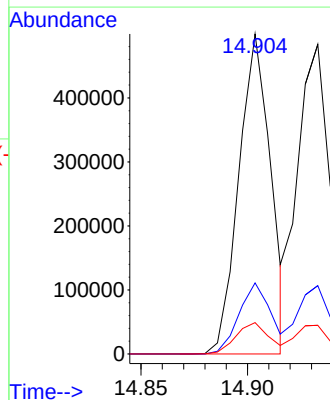
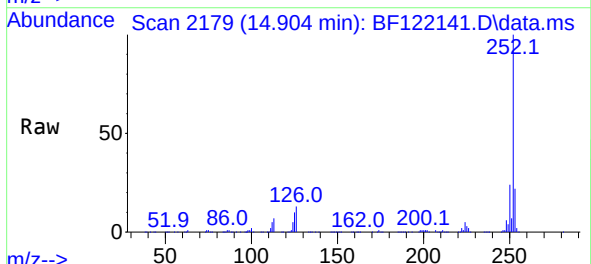
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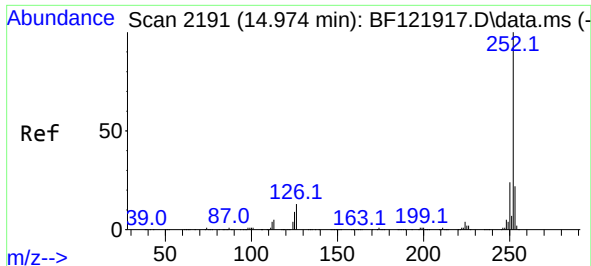
mohammad  
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#88  
Benzo(b)fluoranthene  
Concen: 41.14 ng  
RT: 14.904 min Scan# 2179  
Delta R.T. 0.006 min  
Lab File: BF122141.D  
Acq: 28 Oct 2020 10:15

Tgt Ion: 252 Resp: 522155  
Ion Ratio Lower Upper  
252 100  
253 22.2 18.2 27.2  
125 9.8 8.0 12.0





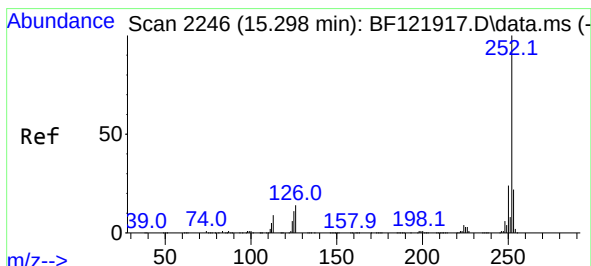
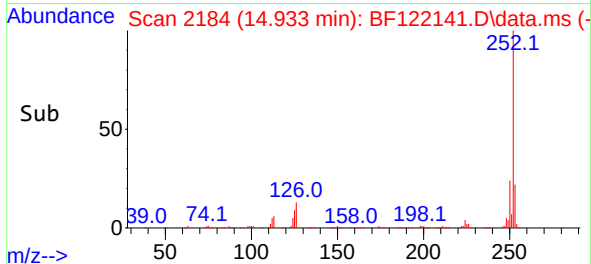
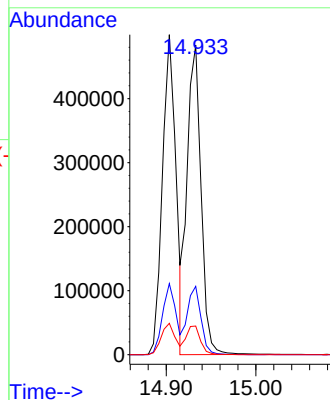
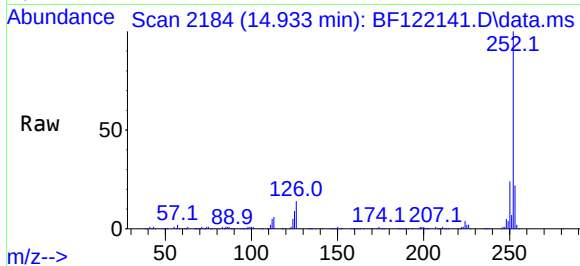
#89  
Benzo(k)fluoranthene  
Concen: 43.20 ng  
RT: 14.933 min Scan# 2184  
Delta R.T. 0.006 min  
Lab File: BF122141.D  
Acq: 28 Oct 2020 10:15

Tgt Ion:252 Resp: 520852  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.8 26.6  
125 9.2 7.7 11.5

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

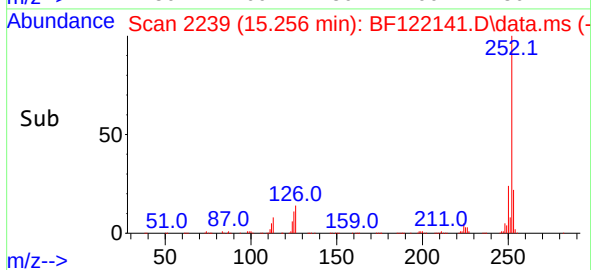
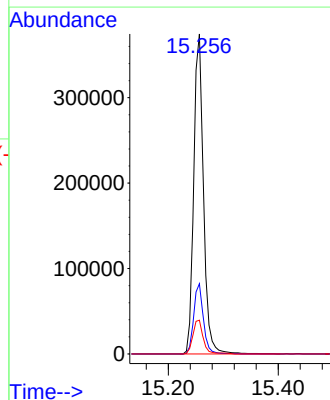
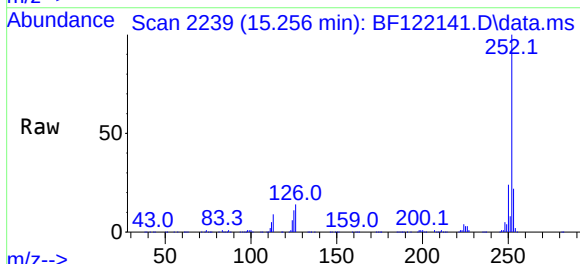
Manual Integrations  
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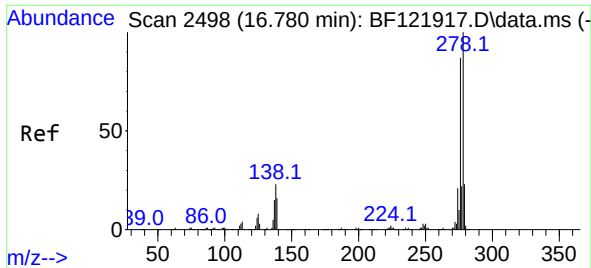


#90  
Benzo(a)pyrene  
Concen: 41.93 ng  
RT: 15.256 min Scan# 2239  
Delta R.T. 0.006 min  
Lab File: BF122141.D  
Acq: 28 Oct 2020 10:15

Tgt Ion:252 Resp: 459625  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.3 25.9  
125 10.5 8.6 13.0







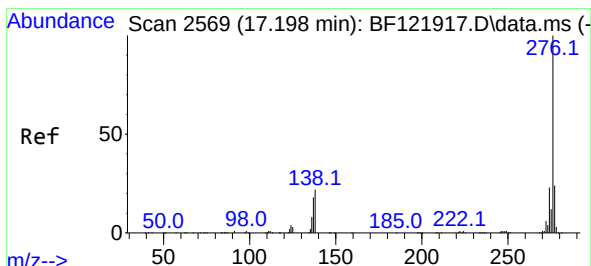
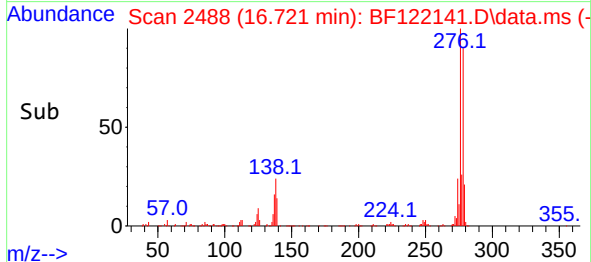
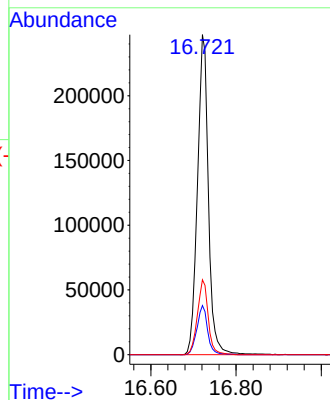
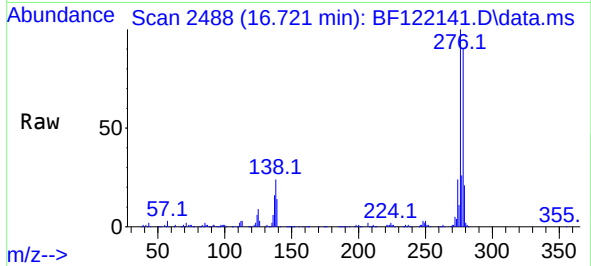
#91  
Dibenzo(a,h)anthracene  
Concen: 43.80 ng  
RT: 16.721 min Scan# 2488  
Delta R.T. 0.006 min  
Lab File: BF122141.D  
Acq: 28 Oct 2020 10:15

Tgt Ion:278 Resp: 439641  
Ion Ratio Lower Upper  
278 100  
139 15.3 13.0 19.4  
279 23.4 19.0 28.4

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

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#92  
Benzo(g,h,i)perylene  
Concen: 45.69 ng  
RT: 17.145 min Scan# 2560  
Delta R.T. 0.012 min  
Lab File: BF122141.D  
Acq: 28 Oct 2020 10:15

Tgt Ion:276 Resp: 459027  
Ion Ratio Lower Upper  
276 100  
277 23.7 19.4 29.2  
138 20.3 17.8 26.6

