

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102220\  
 Data File : BF122078.D  
 Acq On : 22 Oct 2020 12:18  
 Operator : JU/CG  
 Sample : PB132482BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB132482BS

Manual Integrations  
 APPROVED

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 10/23/2020 1:31:47 PM

Quant Time: Oct 22 13:00:23 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF101220.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 21 12:04:42 2020  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.728  | 152  | 117367   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.016  | 136  | 448094   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.763  | 164  | 234890   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.251 | 188  | 445035   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12              | 13.892 | 240  | 350139   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12              | 15.321 | 264  | 301782   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.369  | 112  | 911287   | 114.60 | ng    | 0.02     |
| 7) Phenol-d6                  | 6.392  | 99   | 1138835  | 111.25 | ng    | 0.01     |
| 23) Nitrobenzene-d5           | 7.304  | 82   | 689523   | 78.92  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.563 | 330  | 357240   | 122.95 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.086  | 172  | 1190073  | 74.55  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.833 | 244  | 1386322  | 75.46  | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.516  | 88   | 144707   | 41.37  | ng    | 99       |
| 3) Pyridine                   | 3.234  | 79   | 396407   | 43.11  | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.198  | 42   | 210278   | 47.31  | ng    | 95       |
| 6) Aniline                    | 6.398  | 93   | 390703   | 30.99  | ng    | # 30     |
| 8) 2-Chlorophenol             | 6.528  | 128  | 367113   | 45.68  | ng    | 94       |
| 9) Benzaldehyde               | 6.286  | 77   | 171861   | 27.32  | ng    | 97       |
| 10) Phenol                    | 6.404  | 94   | 455687   | 43.13  | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 6.475  | 93   | 374164   | 45.81  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.669  | 146  | 407216   | 45.04  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.745  | 146  | 412113   | 45.40  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 6.898  | 146  | 370578   | 44.66  | ng    | 96       |
| 15) Benzyl Alcohol            | 6.886  | 79   | 314995   | 47.57  | ng    | 94       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.010  | 45   | 555221   | 44.18  | ng    | # 48     |
| 17) 2-Methylphenol            | 7.004  | 107  | 304672   | 44.33  | ng    | # 89     |
| 18) Hexachloroethane          | 7.233  | 117  | 152972   | 46.66  | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 7.157  | 70   | 274777   | 47.14  | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.157  | 107  | 390729   | 47.15  | ng    | # 77     |
| 22) Acetophenone              | 7.145  | 105  | 523099   | 45.37  | ng    | # 90     |
| 24) Nitrobenzene              | 7.322  | 77   | 426805   | 45.70  | ng    | 100      |
| 25) Isophorone                | 7.563  | 82   | 762663   | 46.16  | ng    | 98       |
| 26) 2-Nitrophenol             | 7.639  | 139  | 201723   | 46.90  | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 7.680  | 122  | 331287   | 45.19  | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 7.769  | 93   | 473868   | 45.84  | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 7.886  | 162  | 315984   | 46.03  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 7.957  | 180  | 330674   | 45.30  | ng    | 99       |
| 31) Naphthalene               | 8.033  | 128  | 1073880  | 44.74  | ng    | 99       |
| 32) Benzoic acid              | 7.857  | 122  | 181352   | 44.03  | ng    | 99       |
| 33) 4-Chloroaniline           | 8.092  | 127  | 241551   | 23.62  | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.145  | 225  | 201486   | 46.55  | ng    | 99       |
| 35) Caprolactam               | 8.486  | 113  | 98463m   | 45.16  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.592  | 107  | 344576   | 46.73  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.727  | 142  | 696430   | 44.80  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 8.827  | 142  | 641174   | 44.54  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 8.892  | 216  | 331375   | 43.71  | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 8.874  | 237  | 164310   | 71.62  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.016  | 196  | 211299   | 45.17  | ng    | 98       |

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Manual Integrations  
 APPROVED

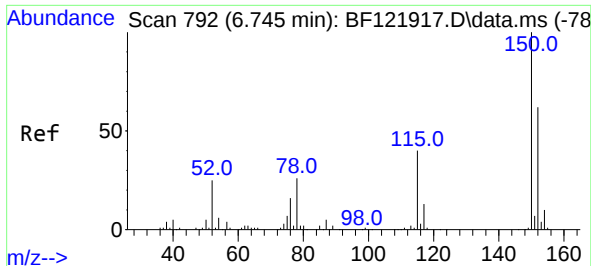
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 10/23/2020 1:31:47 PM

Quant Time: Oct 22 13:00:23 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF101220.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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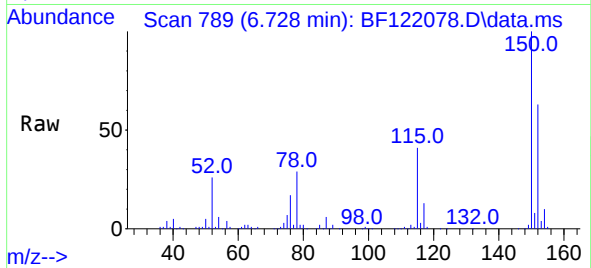
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.063  | 196  | 222062   | 43.96 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.192  | 154  | 836864   | 43.82 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 9.216  | 162  | 652635   | 43.94 | ng    | 100      |
| 48) 2-Nitroaniline            | 9.322  | 65   | 231384   | 47.23 | ng    | 94       |
| 49) Acenaphthylene            | 9.627  | 152  | 981739   | 43.04 | ng    | 99       |
| 50) Dimethylphthalate         | 9.492  | 163  | 782944   | 45.58 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.569  | 165  | 174984   | 46.44 | ng    | 86       |
| 52) Acenaphthene              | 9.798  | 154  | 603301   | 44.46 | ng    | 100      |
| 53) 3-Nitroaniline            | 9.739  | 138  | 123543   | 28.83 | ng    | 96       |
| 54) 2,4-Dinitrophenol         | 9.857  | 184  | 154862   | 80.49 | ng    | # 82     |
| 55) Dibenzofuran              | 9.974  | 168  | 855860   | 43.13 | ng    | 98       |
| 56) 4-Nitrophenol             | 9.927  | 139  | 161206   | 69.16 | ng    | 86       |
| 57) 2,4-Dinitrotoluene        | 9.980  | 165  | 215514   | 46.46 | ng    | 91       |
| 58) Fluorene                  | 10.316 | 166  | 706833   | 44.21 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.104 | 232  | 185988   | 47.59 | ng    | 99       |
| 60) Diethylphthalate          | 10.192 | 149  | 768463   | 46.40 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.304 | 204  | 345492   | 45.06 | ng    | 96       |
| 62) 4-Nitroaniline            | 10.363 | 138  | 171886   | 40.15 | ng    | 97       |
| 63) Azobenzene                | 10.469 | 77   | 803003   | 45.85 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.392 | 198  | 123312   | 41.97 | ng    | 98       |
| 66) n-Nitrosodiphenylamine    | 10.427 | 169  | 667158   | 43.52 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.792 | 248  | 232600   | 45.24 | ng    | 97       |
| 68) Hexachlorobenzene         | 10.863 | 284  | 264375   | 45.43 | ng    | 99       |
| 69) Atrazine                  | 10.957 | 200  | 188754   | 50.36 | ng    | 99       |
| 70) Pentachlorophenol         | 11.068 | 266  | 197730   | 85.78 | ng    | 99       |
| 71) Phenanthrene              | 11.274 | 178  | 1055487  | 43.25 | ng    | 100      |
| 72) Anthracene                | 11.327 | 178  | 1091129  | 43.11 | ng    | 100      |
| 73) Carbazole                 | 11.492 | 167  | 986343   | 43.83 | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.810 | 149  | 1206821  | 46.61 | ng    | 99       |
| 75) Fluoranthene              | 12.462 | 202  | 1159624  | 44.32 | ng    | 99       |
| 77) Benzidine                 | 12.592 | 184  | 498451   | 46.18 | ng    | 99       |
| 78) Pyrene                    | 12.692 | 202  | 1161137  | 43.52 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.304 | 149  | 515244   | 48.69 | ng    | 100      |
| 81) Benzo(a)anthracene        | 13.880 | 228  | 1061163  | 46.25 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 13.845 | 252  | 260792   | 30.64 | ng    | 99       |
| 83) Chrysene                  | 13.921 | 228  | 1002553  | 44.51 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 13.862 | 149  | 720400   | 50.15 | ng    | # 98     |
| 85) Di-n-octyl phthalate      | 14.468 | 149  | 1212593  | 52.18 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.745 | 276  | 879005   | 44.86 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 14.921 | 252  | 1055250  | 51.73 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 14.945 | 252  | 845138   | 43.61 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.268 | 252  | 836645   | 47.49 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 16.745 | 278  | 736409   | 45.64 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.162 | 276  | 717930   | 44.46 | ng    | 98       |

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

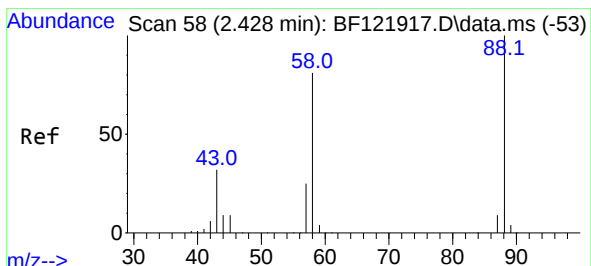
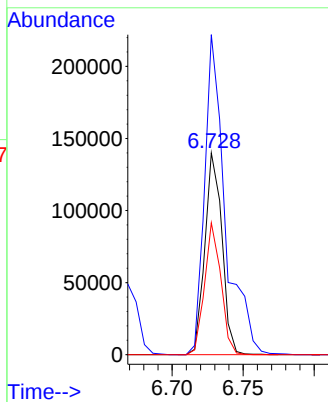
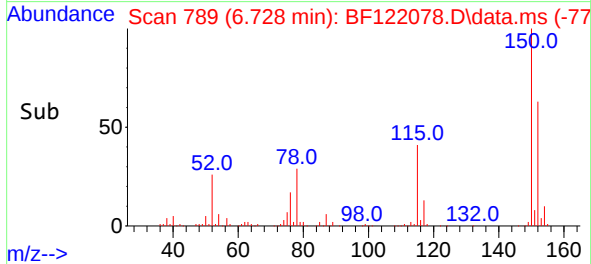




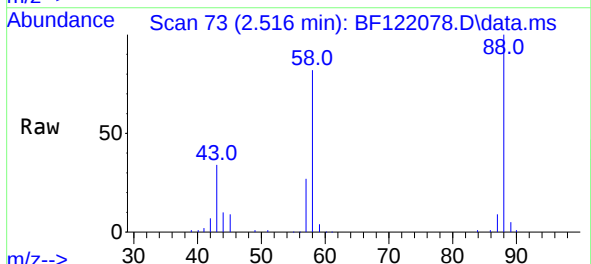
#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.728 min Scan# 789  
Delta R.T. -0.000 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18



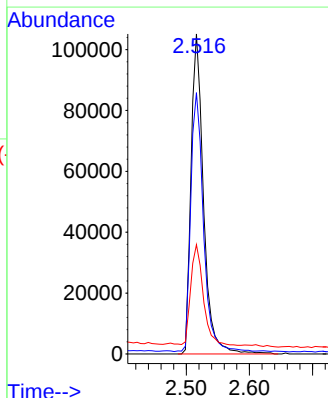
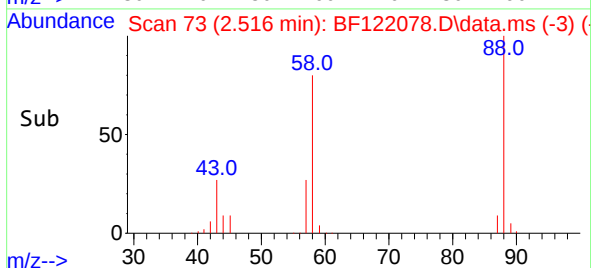
Tgt Ion:152 Resp: 117367  
Ion Ratio Lower Upper  
152 100  
150 158.6 125.3 187.9  
115 65.4 51.9 77.9



#2  
1,4-Dioxane  
Concen: 41.37 ng  
RT: 2.516 min Scan# 73  
Delta R.T. 0.111 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18



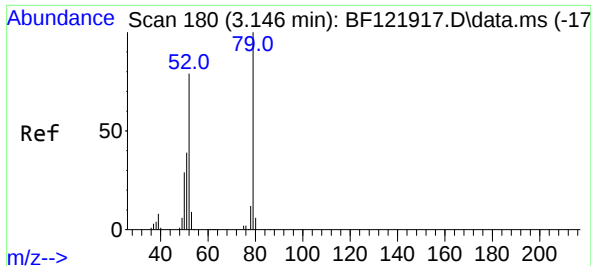
Tgt Ion: 88 Resp: 144707  
Ion Ratio Lower Upper  
88 100  
58 82.1 65.8 98.8  
43 31.4 25.8 38.8



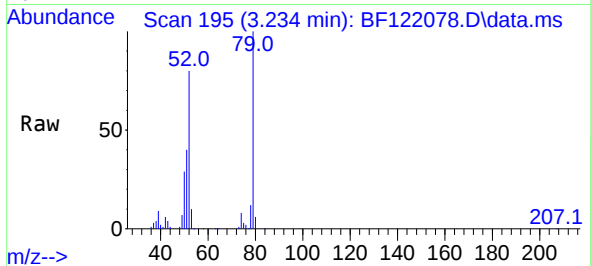
Instrument :  
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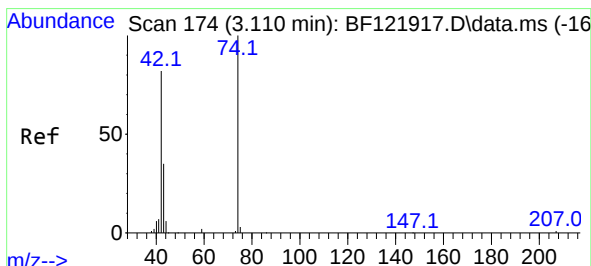
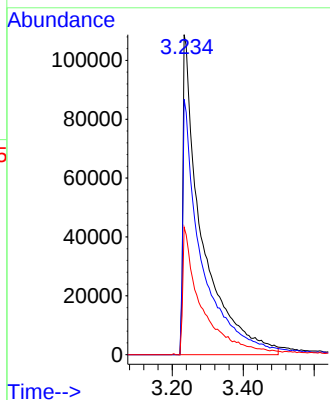
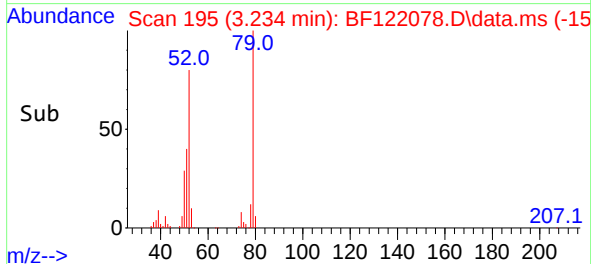
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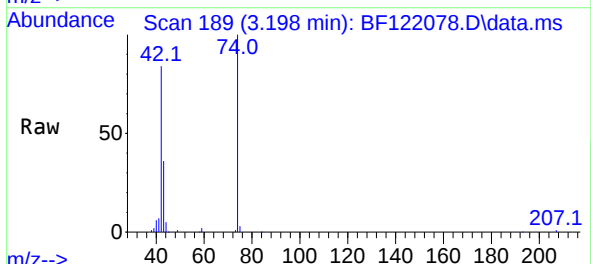
#3  
Pyridine  
Concen: 43.11 ng  
RT: 3.234 min Scan# 195  
Delta R.T. 0.111 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18



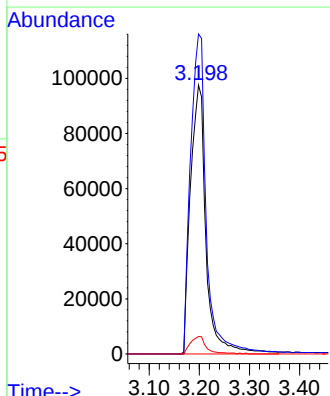
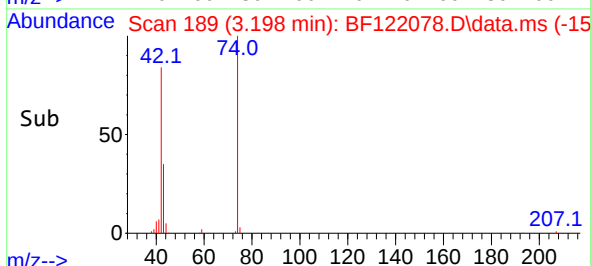
Tgt Ion: 79 Resp: 396407  
Ion Ratio Lower Upper  
79 100  
52 79.8 62.2 93.4  
51 39.8 31.1 46.7



#4  
n-Nitrosodimethylamine  
Concen: 47.31 ng  
RT: 3.198 min Scan# 189  
Delta R.T. 0.106 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18



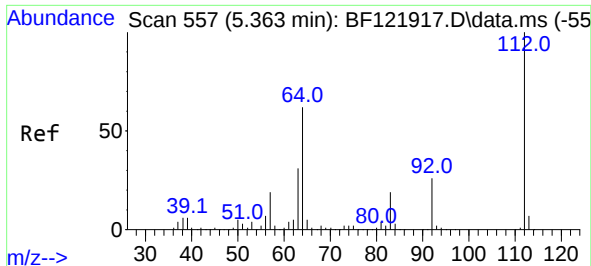
Tgt Ion: 42 Resp: 210278  
Ion Ratio Lower Upper  
42 100  
74 119.1 100.2 150.2  
44 6.5 5.8 8.6



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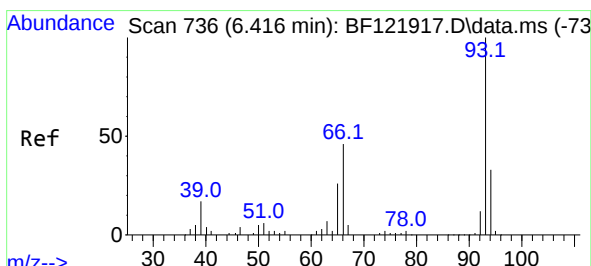
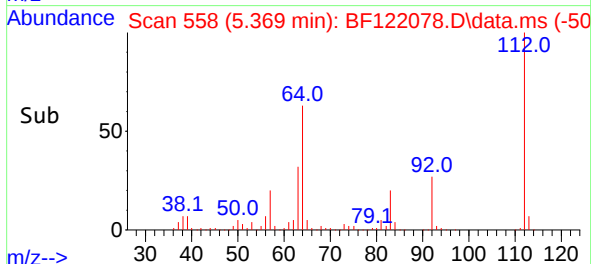
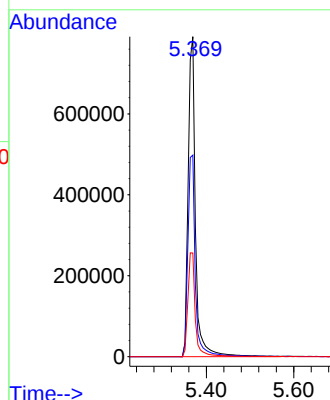
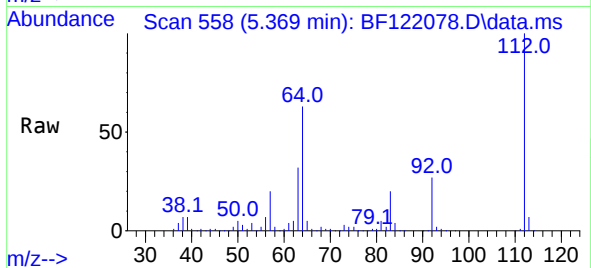
#5  
2-Fluorophenol  
Concen: 114.60 ng  
RT: 5.369 min Scan# 558  
Delta R.T. 0.023 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18

Tgt Ion: 112 Resp: 911287  
Ion Ratio Lower Upper  
112 100  
64 63.0 50.4 75.6  
63 32.4 25.8 38.6

Instrument :  
BNA\_F  
ClientSampleId :  
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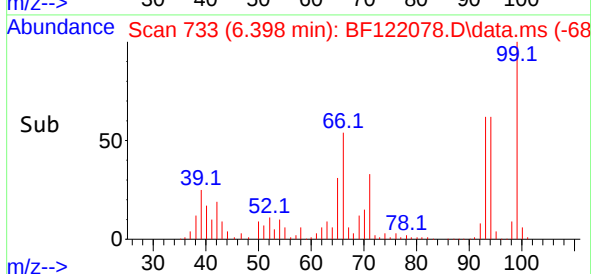
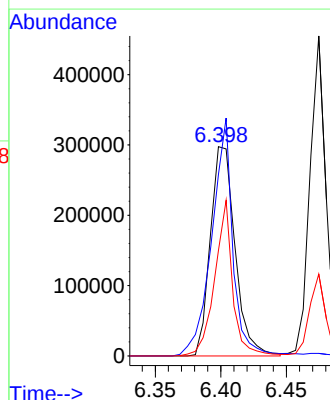
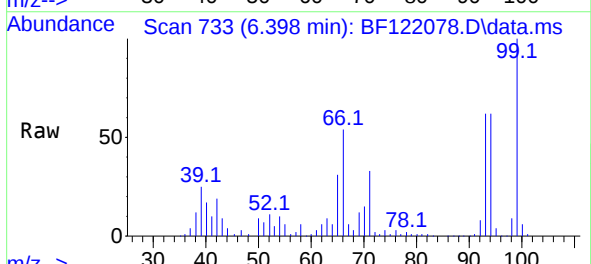
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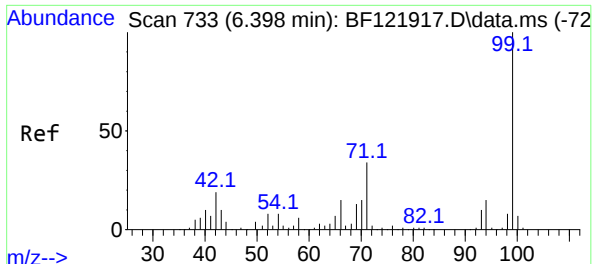
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10/23/2020 1:31:47 PM



#6  
Aniline  
Concen: 30.99 ng  
RT: 6.398 min Scan# 733  
Delta R.T. -0.000 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18

Tgt Ion: 93 Resp: 390703  
Ion Ratio Lower Upper  
93 100  
66 86.7 32.7 49.1#  
65 50.4 16.6 24.8#





#7  
Phenol-d6  
Concen: 111.25 ng  
RT: 6.392 min Scan# 732  
Delta R.T. 0.011 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18

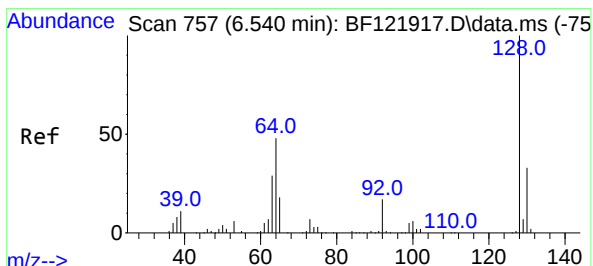
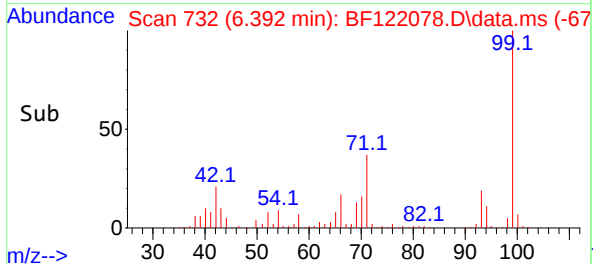
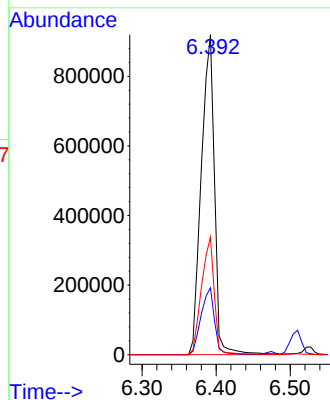
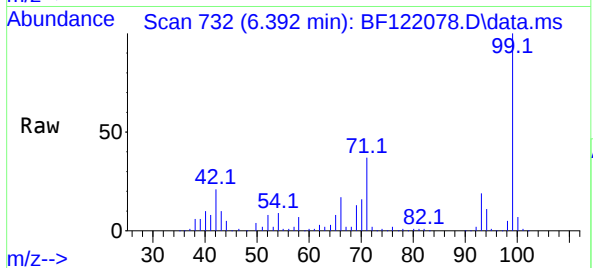
Tgt Ion: 99 Resp: 1138835

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 20.9  | 15.9  | 23.9  |
| 71  | 36.8  | 27.1  | 40.7  |

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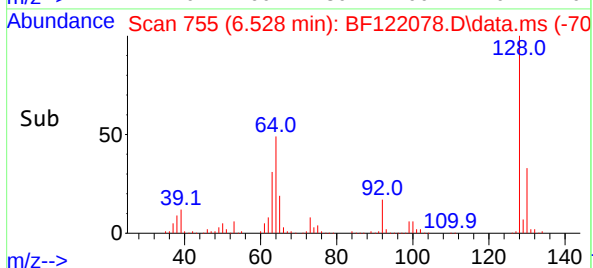
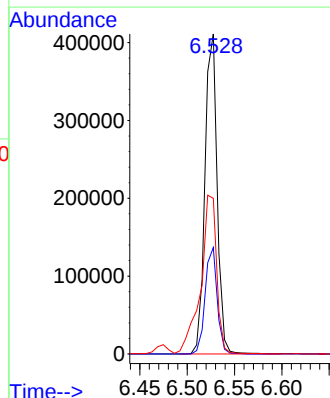
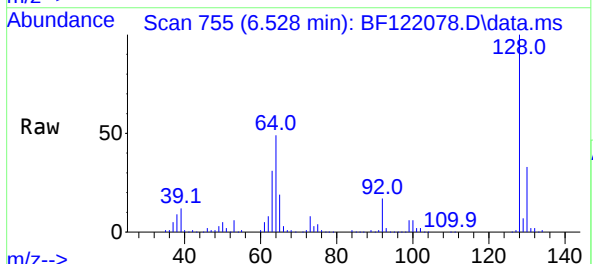
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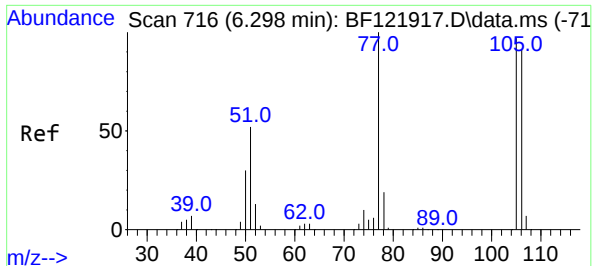


#8  
2-Chlorophenol  
Concen: 45.68 ng  
RT: 6.528 min Scan# 755  
Delta R.T. 0.006 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18

Tgt Ion:128 Resp: 367113

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 33.2  | 12.4  | 52.4  |
| 64  | 48.6  | 34.8  | 74.8  |





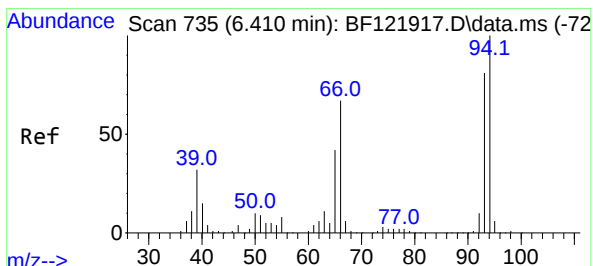
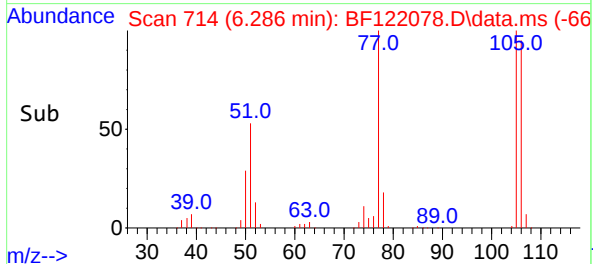
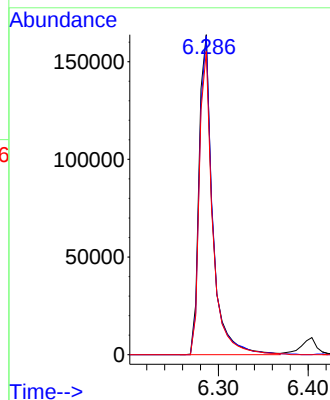
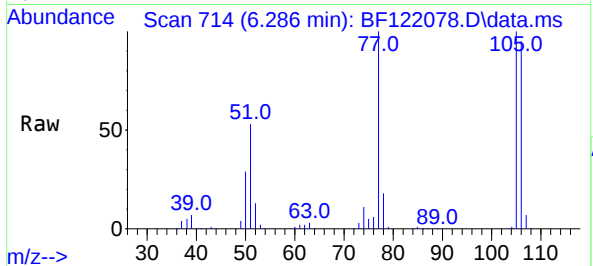
#9  
Benzaldehyde  
Concen: 27.32 ng  
RT: 6.286 min Scan# 714  
Delta R.T. 0.006 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18

Tgt Ion: 77 Resp: 171861  
Ion Ratio Lower Upper  
77 100  
105 99.6 76.7 116.7  
106 94.8 71.3 111.3

Instrument :  
BNA\_F  
ClientSampleId :  
PB132482BS

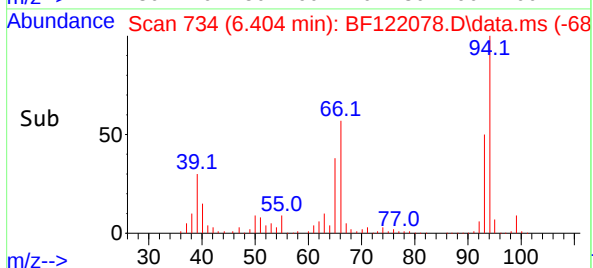
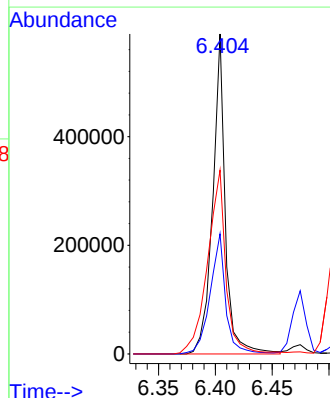
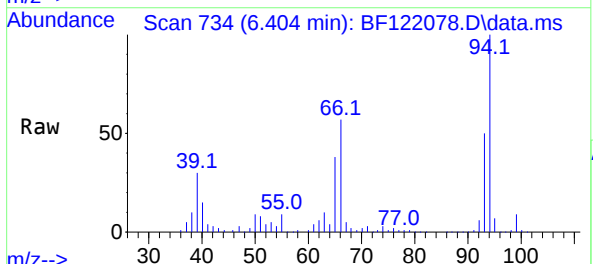
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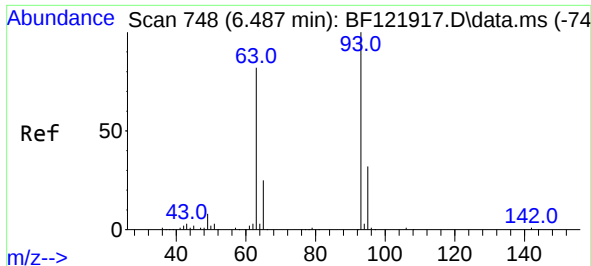
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#10  
Phenol  
Concen: 43.13 ng  
RT: 6.404 min Scan# 734  
Delta R.T. 0.006 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18

Tgt Ion: 94 Resp: 455687  
Ion Ratio Lower Upper  
94 100  
65 37.6 17.1 57.1  
66 57.4 36.0 76.0





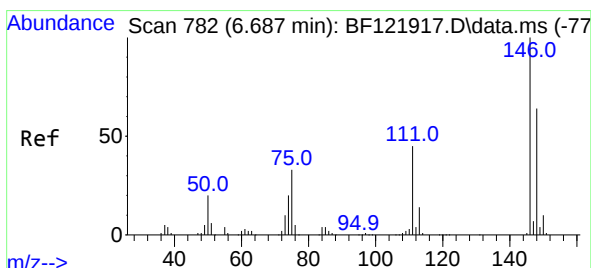
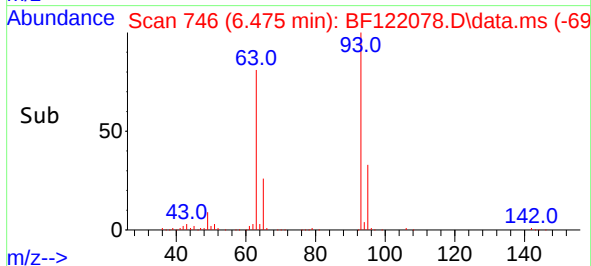
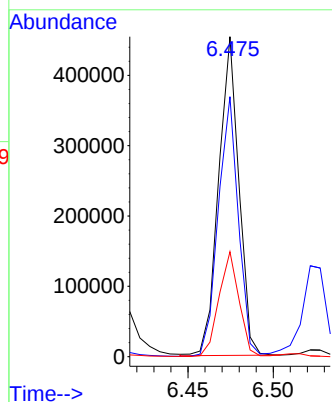
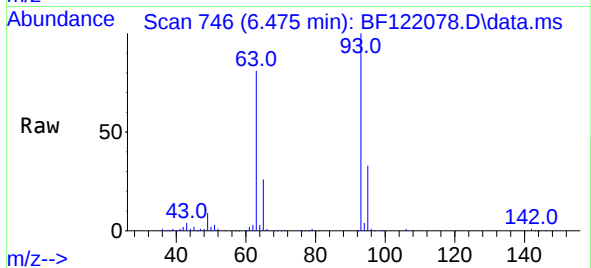
#11  
bis(2-Chloroethyl)ether  
Concen: 45.81 ng  
RT: 6.475 min Scan# 746  
Delta R.T. 0.006 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18

Tgt Ion: 93 Resp: 374164  
Ion Ratio Lower Upper  
93 100  
63 81.2 62.4 102.4  
95 32.8 12.6 52.6

Instrument :  
BNA\_F  
ClientSampleId :  
PB132482BS

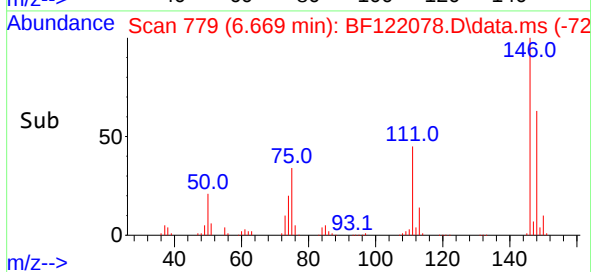
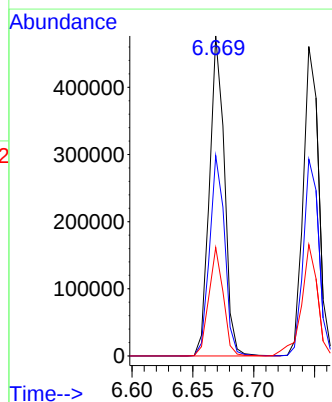
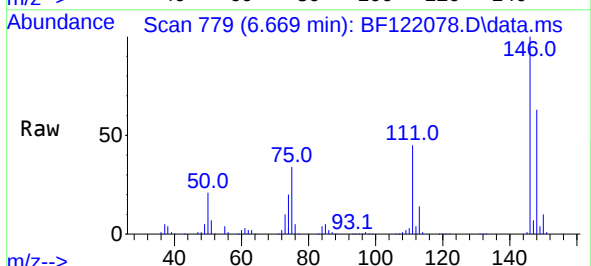
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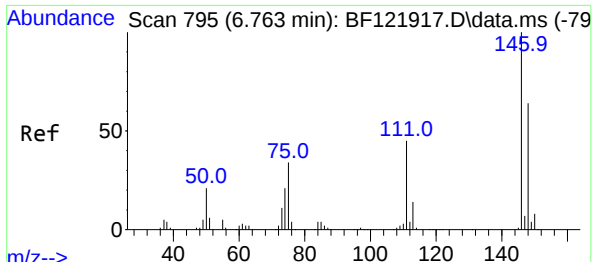
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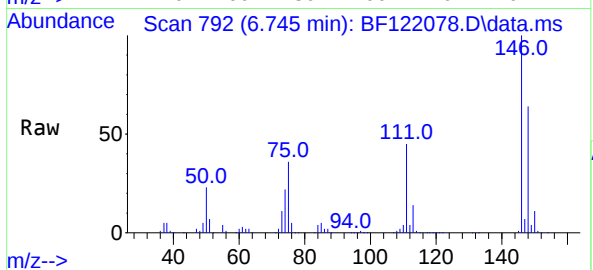
#12  
1,3-Dichlorobenzene  
Concen: 45.04 ng  
RT: 6.669 min Scan# 779  
Delta R.T. -0.000 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18

Tgt Ion: 146 Resp: 407216  
Ion Ratio Lower Upper  
146 100  
148 62.6 51.0 76.4  
75 33.9 27.6 41.4

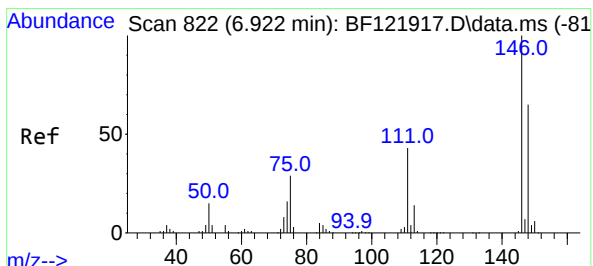
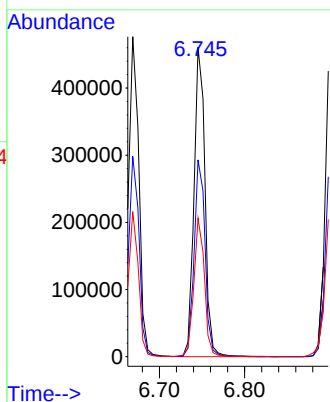
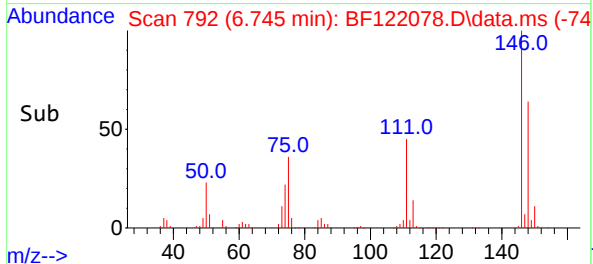




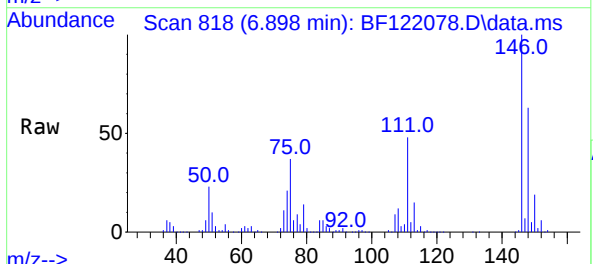
#13  
1,4-Dichlorobenzene  
Concen: 45.40 ng  
RT: 6.745 min Scan# 792  
Delta R.T. -0.000 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18



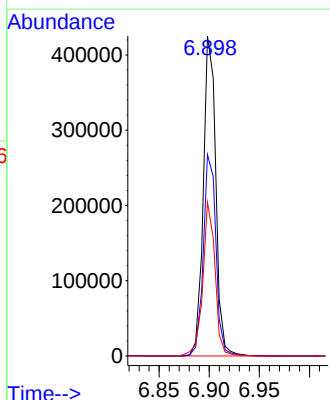
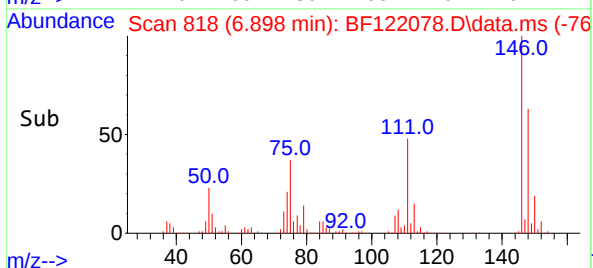
Tgt Ion:146 Resp: 412113  
Ion Ratio Lower Upper  
146 100  
148 63.6 50.1 75.1  
111 44.8 34.6 52.0



#14  
1,2-Dichlorobenzene  
Concen: 44.66 ng  
RT: 6.898 min Scan# 818  
Delta R.T. -0.000 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18



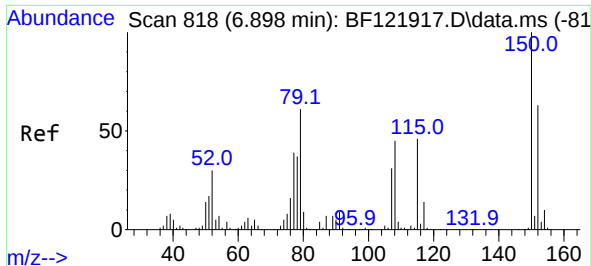
Tgt Ion:146 Resp: 370578  
Ion Ratio Lower Upper  
146 100  
148 63.0 51.1 76.7  
111 48.1 34.2 51.4



Instrument :  
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ClientSampleId :  
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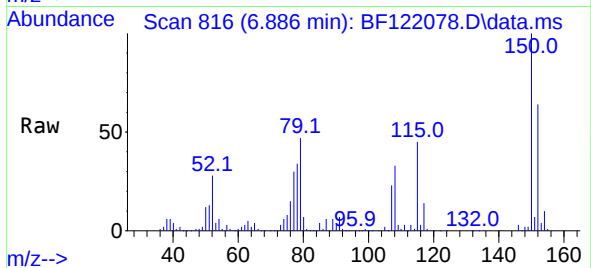
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#15  
Benzyl Alcohol  
Concen: 47.57 ng  
RT: 6.886 min Scan# 816  
Delta R.T. -0.000 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18

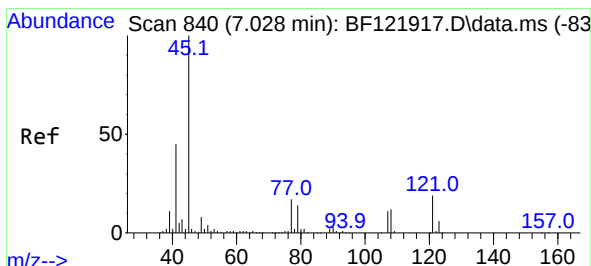
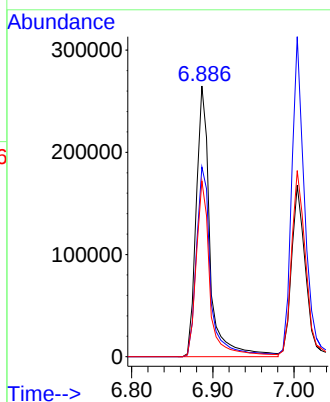
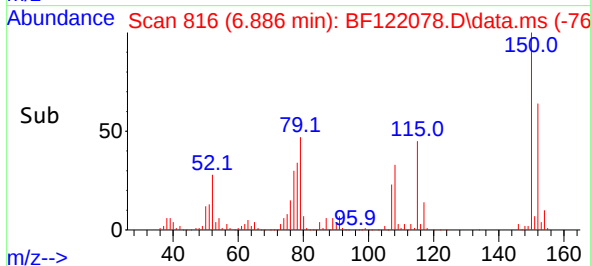
Instrument :  
BNA\_F  
ClientSampleId :  
PB132482BS



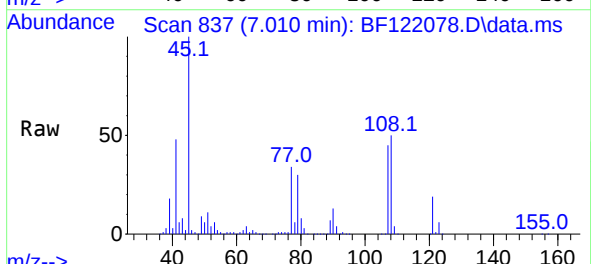
Tgt Ion: 79 Resp: 314995  
Ion Ratio Lower Upper  
79 100  
108 70.1 62.3 93.5  
77 64.9 50.6 75.8

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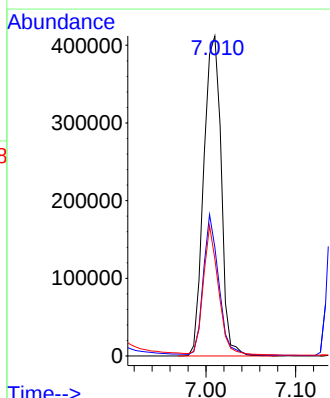
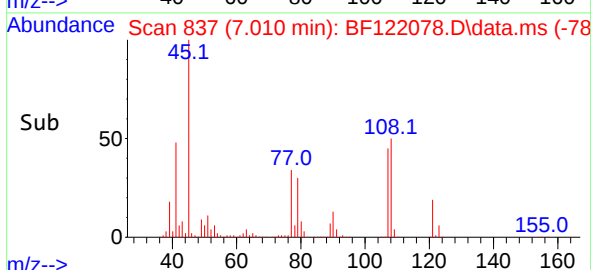
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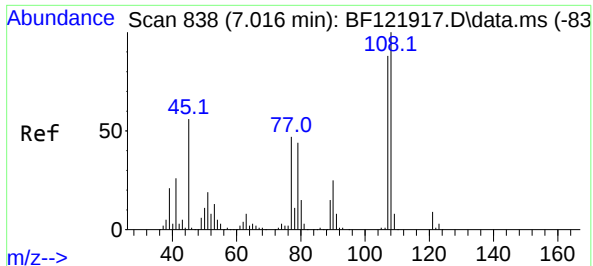


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 44.18 ng  
RT: 7.010 min Scan# 837  
Delta R.T. -0.000 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18



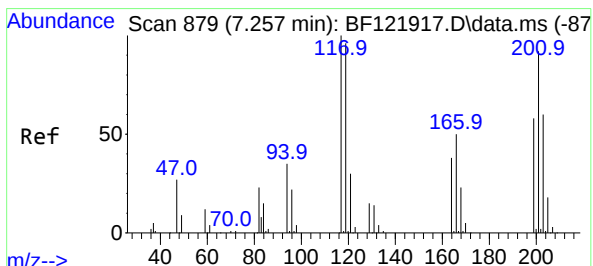
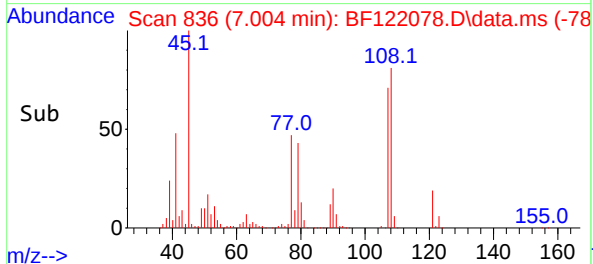
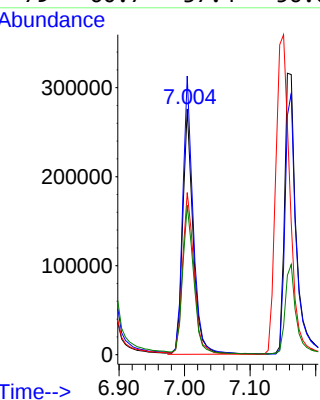
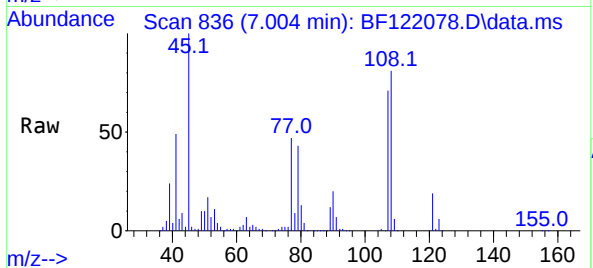
Tgt Ion: 45 Resp: 555221  
Ion Ratio Lower Upper  
45 100  
77 34.0 0.0 33.3#  
79 30.3 0.0 30.4





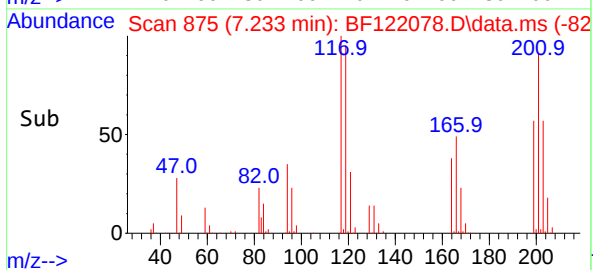
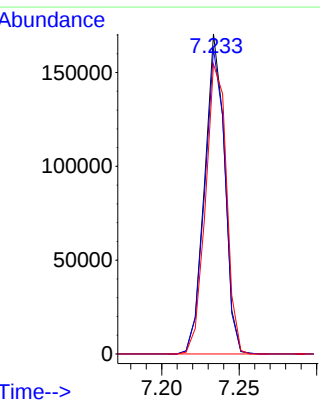
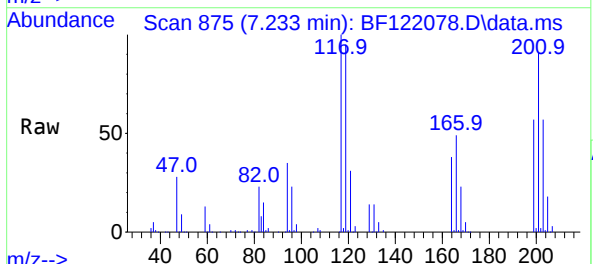
#17  
2-Methylphenol  
Concen: 44.33 ng  
RT: 7.004 min Scan# 836  
Delta R.T. 0.006 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 304672 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 113.4 | 90.9  | 136.3  |
| 77       | 65.9  | 37.5  | 56.3#  |
| 79       | 60.7  | 37.4  | 56.0#  |



#18  
Hexachloroethane  
Concen: 46.66 ng  
RT: 7.233 min Scan# 875  
Delta R.T. -0.000 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18

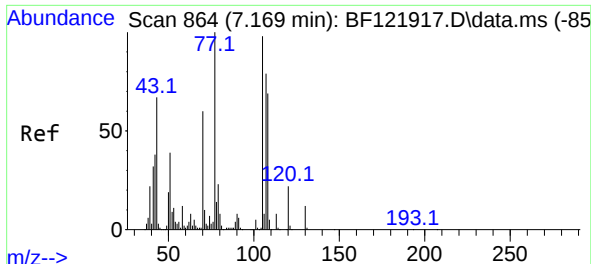
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 152972 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 95.5  | 76.3  | 114.5  |
| 201      | 90.6  | 71.8  | 107.6  |



Instrument :  
BNA\_F  
ClientSampleId :  
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#19  
n-Nitroso-di-n-propylamine  
Concen: 47.14 ng  
RT: 7.157 min Scan# 862  
Delta R.T. -0.000 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18

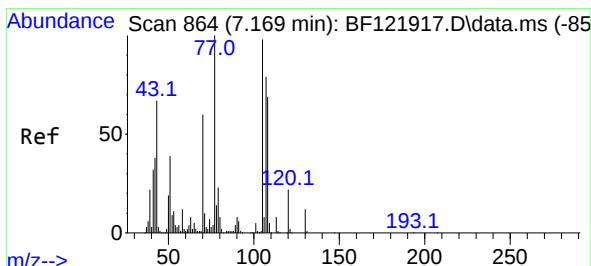
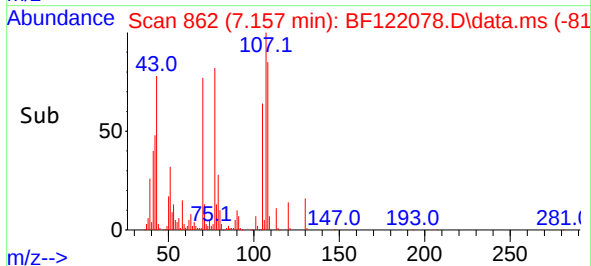
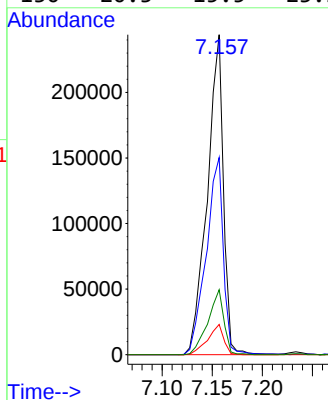
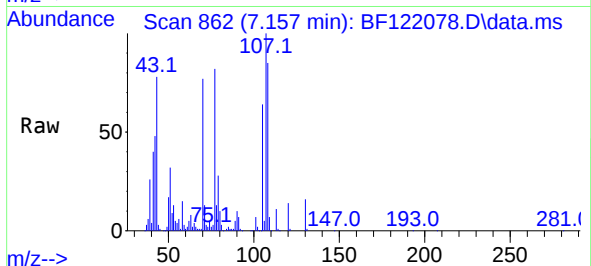
Tgt Ion: 70 Resp: 274777

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 61.6  | 50.2  | 75.4  |
| 101 | 9.4   | 7.5   | 11.3  |
| 130 | 20.3  | 15.5  | 23.3  |

Instrument :  
BNA\_F  
ClientSampleId :  
PB132482BS

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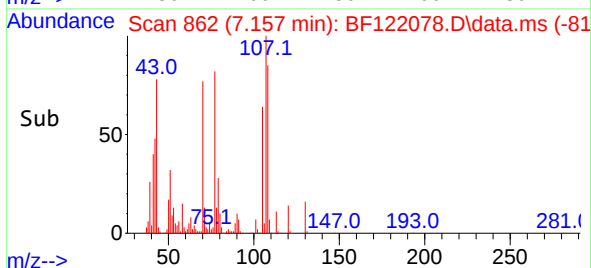
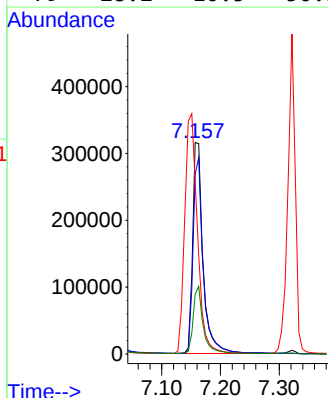
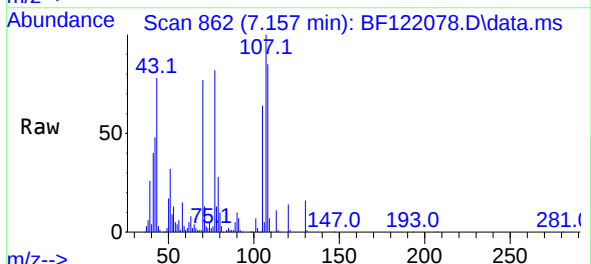
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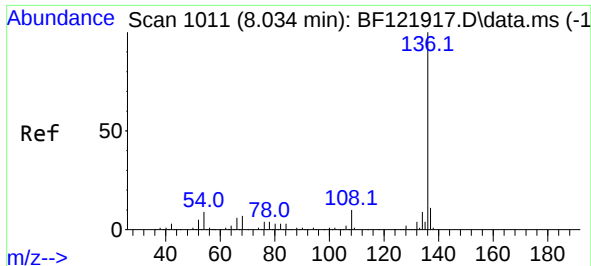


#20  
3+4-Methylphenols  
Concen: 47.15 ng  
RT: 7.157 min Scan# 862  
Delta R.T. -0.000 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18

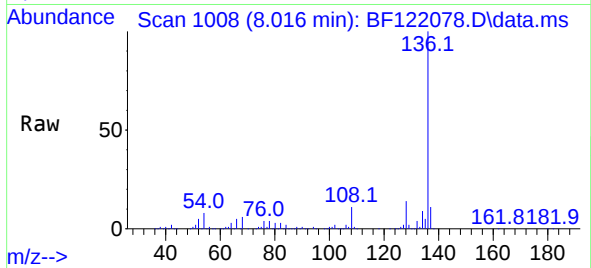
Tgt Ion: 107 Resp: 390729

| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 107 | 100   |       |        |
| 108 | 85.0  | 68.9  | 108.9  |
| 77  | 81.5  | 108.0 | 148.0# |
| 79  | 28.2  | 10.5  | 50.5   |

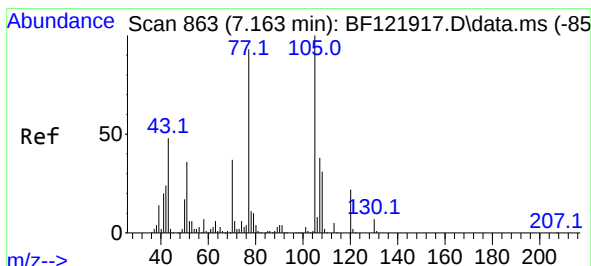
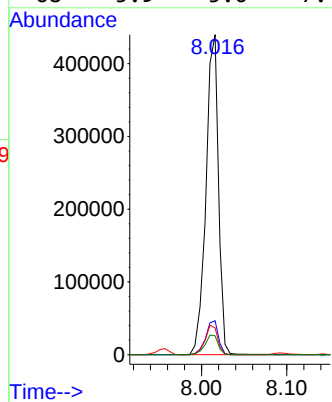
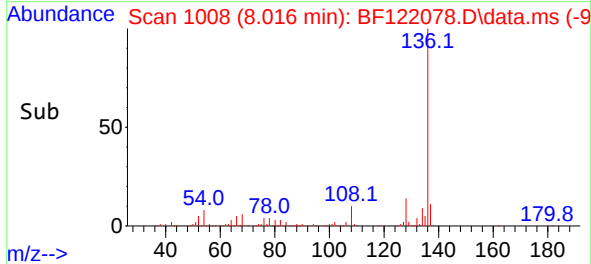




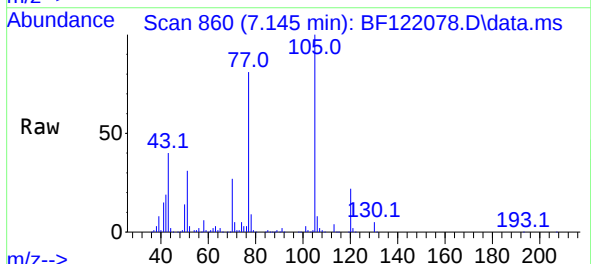
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.016 min Scan# 1008  
Delta R.T. 0.006 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18



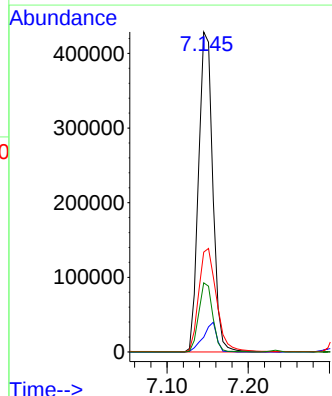
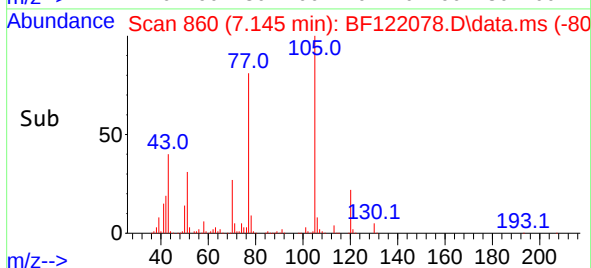
Tgt Ion:136 Resp: 448094  
Ion Ratio Lower Upper  
136 100  
137 10.6 8.6 13.0  
54 8.3 7.1 10.7  
68 5.9 5.0 7.4



#22  
Acetophenone  
Concen: 45.37 ng  
RT: 7.145 min Scan# 860  
Delta R.T. -0.000 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18



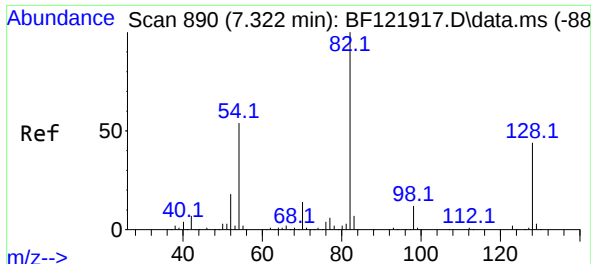
Tgt Ion:105 Resp: 523099  
Ion Ratio Lower Upper  
105 100  
71 4.6 5.3 7.9#  
51 31.2 33.2 49.8#  
120 21.6 17.4 26.0



Instrument :  
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ClientSampleId :  
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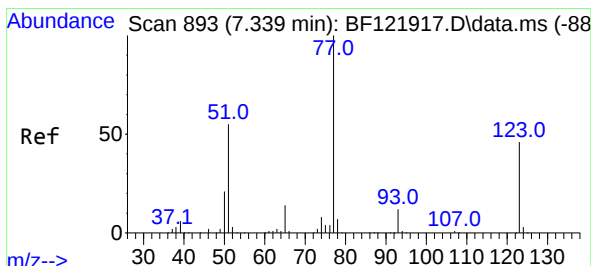
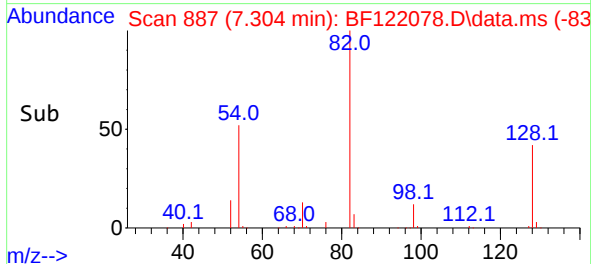
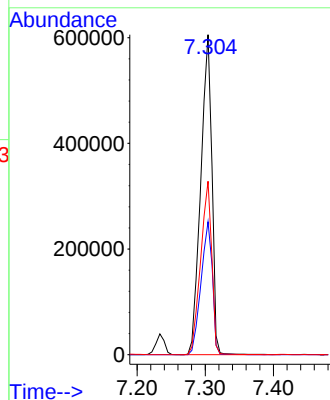
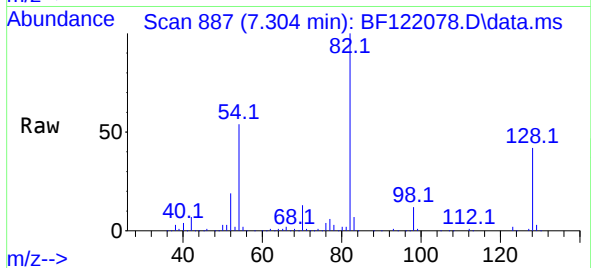
#23  
Nitrobenzene-d5  
Concen: 78.92 ng  
RT: 7.304 min Scan# 887  
Delta R.T. -0.000 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18

Tgt Ion: 82 Resp: 689523  
Ion Ratio Lower Upper  
82 100  
128 41.5 35.0 52.4  
54 54.2 43.9 65.9

Instrument :  
BNA\_F  
ClientSampleId :  
PB132482BS

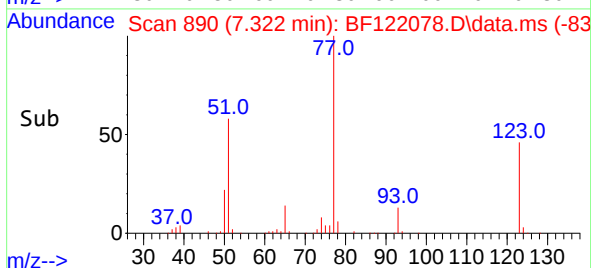
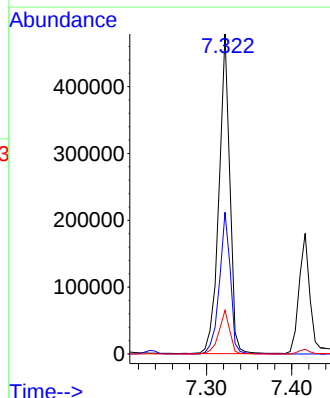
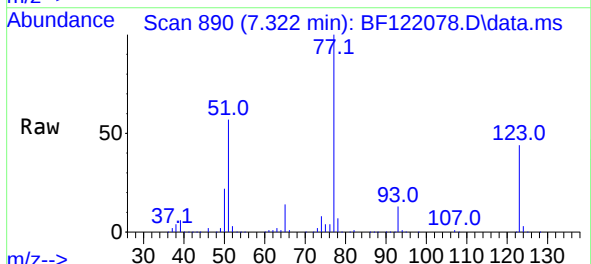
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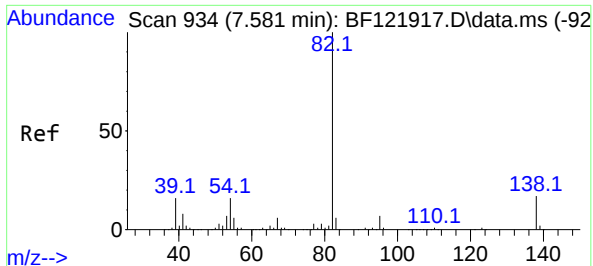
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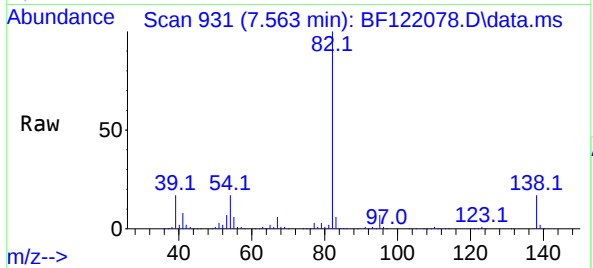
#24  
Nitrobenzene  
Concen: 45.70 ng  
RT: 7.322 min Scan# 890  
Delta R.T. -0.000 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18

Tgt Ion: 77 Resp: 426805  
Ion Ratio Lower Upper  
77 100  
123 44.3 35.6 53.4  
65 13.7 11.2 16.8

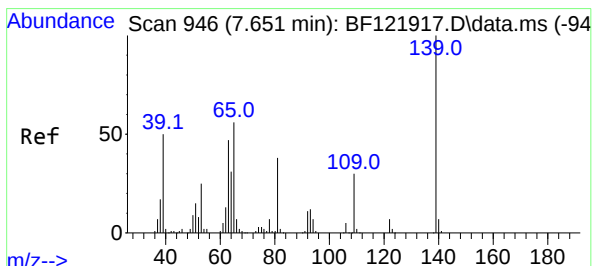
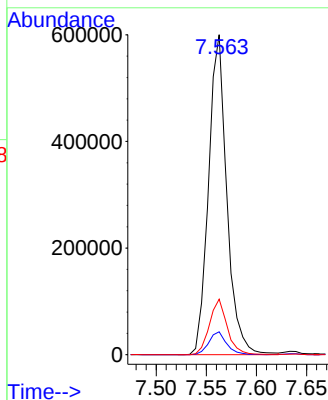
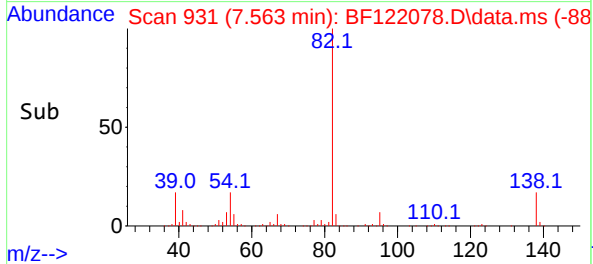




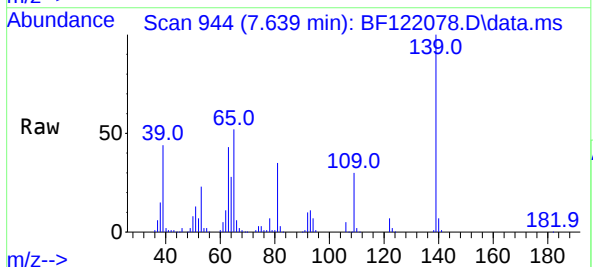
#25  
Isophorone  
Concen: 46.16 ng  
RT: 7.563 min Scan# 931  
Delta R.T. -0.000 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18



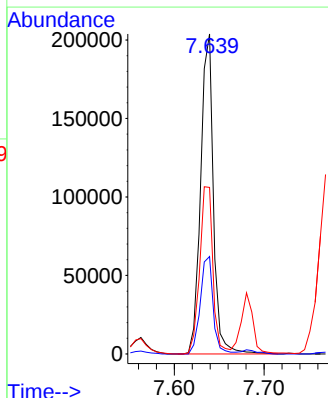
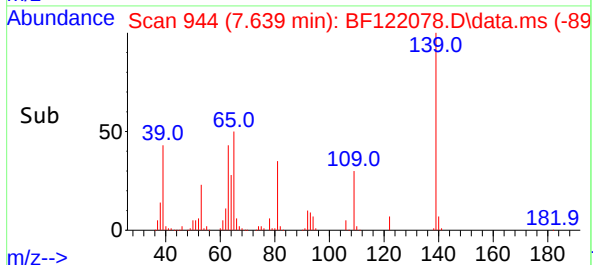
Tgt Ion: 82 Resp: 762663  
Ion Ratio Lower Upper  
82 100  
95 7.2 5.4 8.0  
138 17.4 13.4 20.0



#26  
2-Nitrophenol  
Concen: 46.90 ng  
RT: 7.639 min Scan# 944  
Delta R.T. 0.006 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18



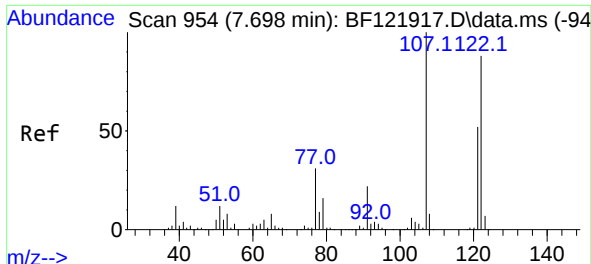
Tgt Ion: 139 Resp: 201723  
Ion Ratio Lower Upper  
139 100  
109 30.4 23.0 34.4  
65 52.0 39.9 59.9



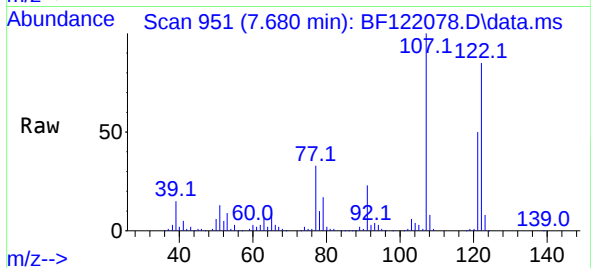
Instrument :  
BNA\_F  
ClientSampleId :  
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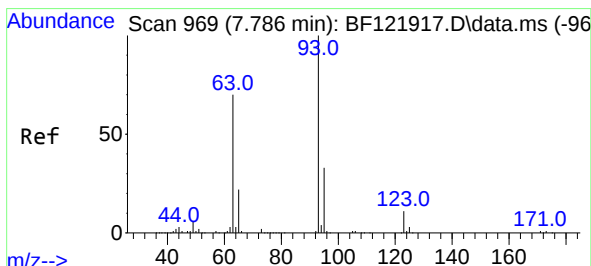
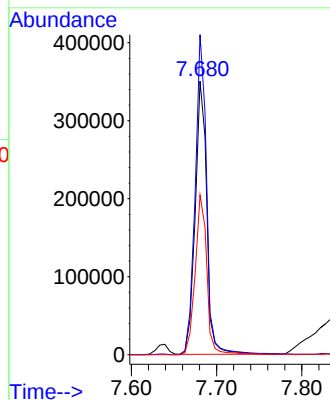
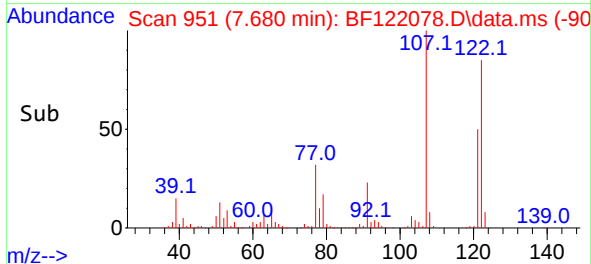
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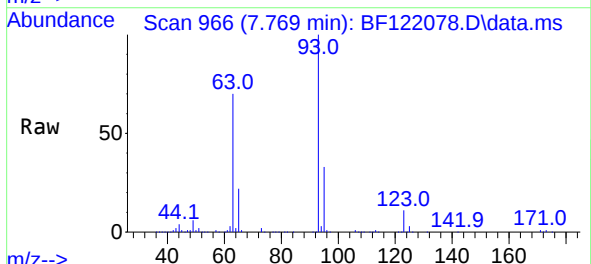
#27  
2,4-Dimethylphenol  
Concen: 45.19 ng  
RT: 7.680 min Scan# 951  
Delta R.T. -0.000 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18



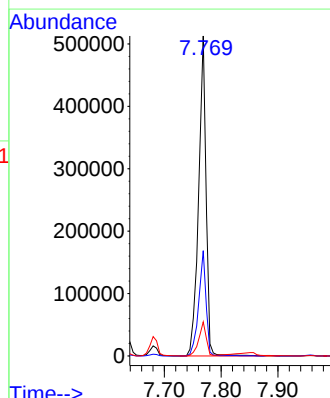
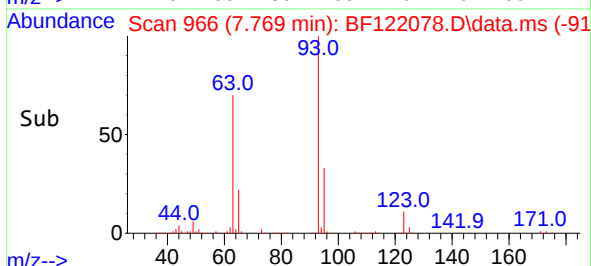
Tgt Ion:122 Resp: 331287  
Ion Ratio Lower Upper  
122 100  
107 117.0 90.8 136.2  
121 58.4 47.5 71.3



#28  
bis(2-Chloroethoxy)methane  
Concen: 45.84 ng  
RT: 7.769 min Scan# 966  
Delta R.T. -0.000 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18



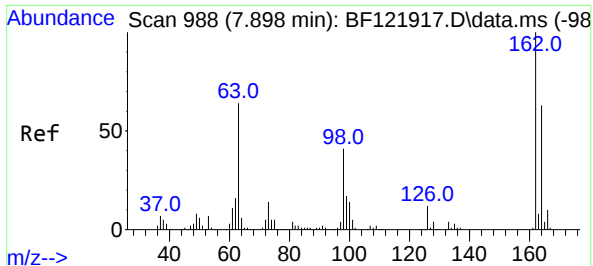
Tgt Ion: 93 Resp: 473868  
Ion Ratio Lower Upper  
93 100  
95 32.9 26.2 39.4  
123 10.7 8.8 13.2



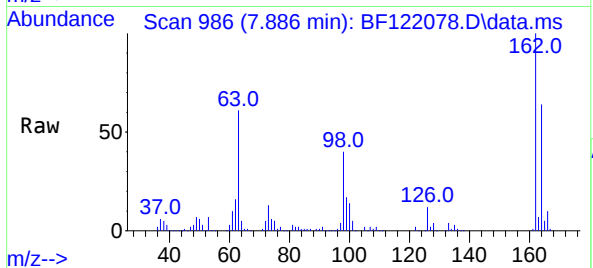
Instrument :  
BNA\_F  
ClientSampleId :  
PB132482BS

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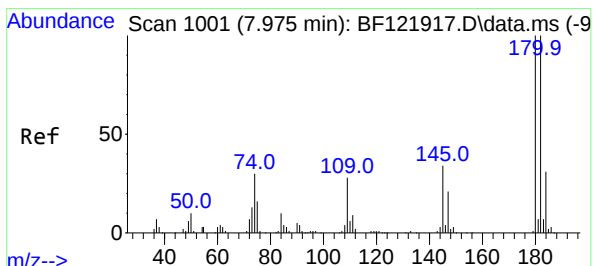
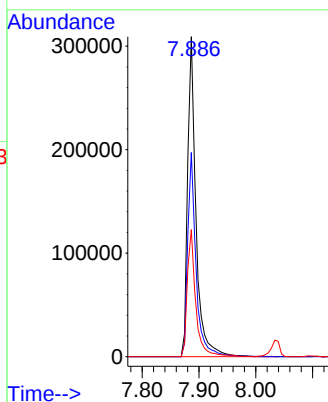
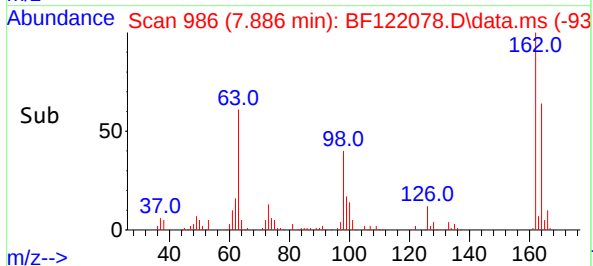
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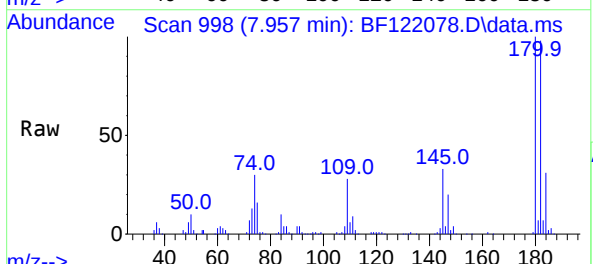
#29  
2,4-Dichlorophenol  
Concen: 46.03 ng  
RT: 7.886 min Scan# 986  
Delta R.T. 0.006 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18



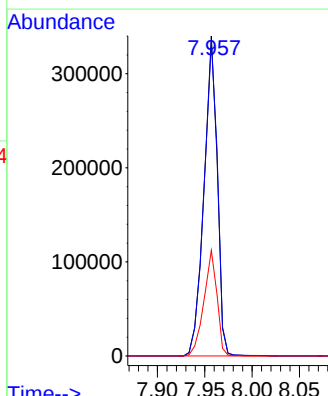
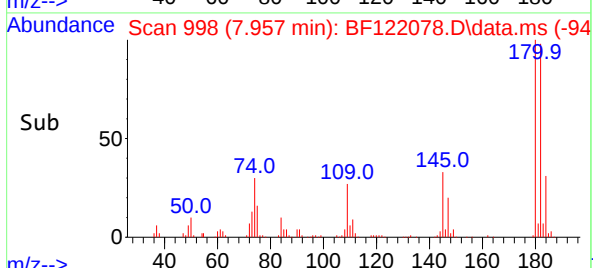
Tgt Ion:162 Resp: 315984  
Ion Ratio Lower Upper  
162 100  
164 63.8 42.5 82.5  
98 39.7 20.1 60.1



#30  
1,2,4-Trichlorobenzene  
Concen: 45.30 ng  
RT: 7.957 min Scan# 998  
Delta R.T. -0.000 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18



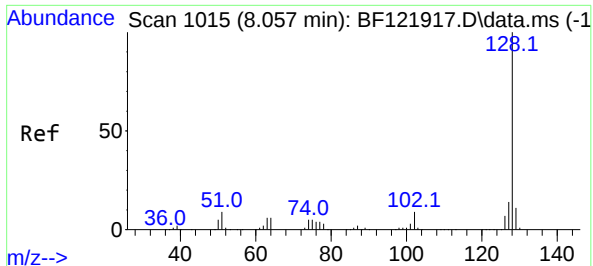
Tgt Ion:180 Resp: 330674  
Ion Ratio Lower Upper  
180 100  
182 98.2 79.4 119.2  
145 33.0 25.5 38.3



Instrument :  
BNA\_F  
ClientSampleId :  
PB132482BS

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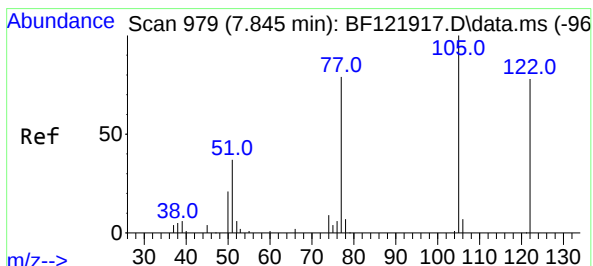
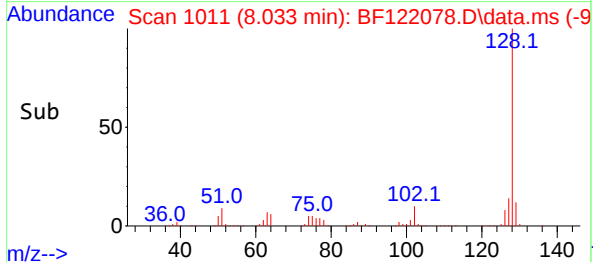
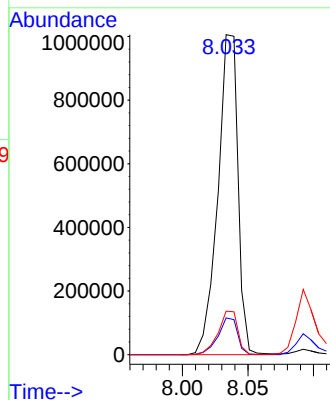
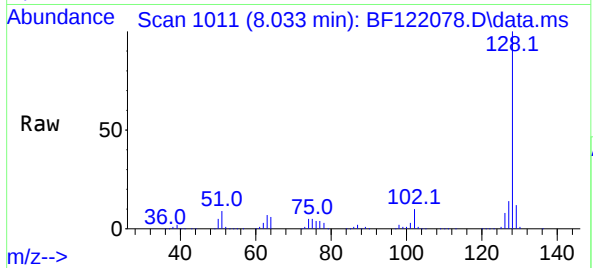
#31  
Naphthalene  
Concen: 44.74 ng  
RT: 8.033 min Scan# 1011  
Delta R.T. -0.000 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18

Tgt Ion:128 Resp: 1073880  
Ion Ratio Lower Upper  
128 100  
129 11.5 8.7 13.1  
127 13.6 10.8 16.2

Instrument :  
BNA\_F  
ClientSampleId :  
PB132482BS

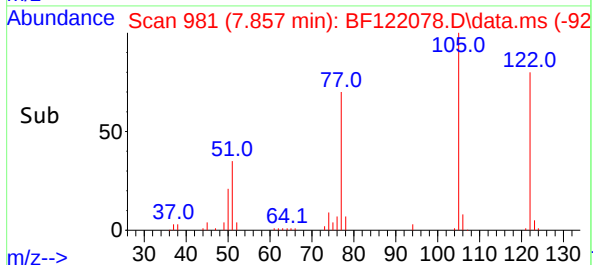
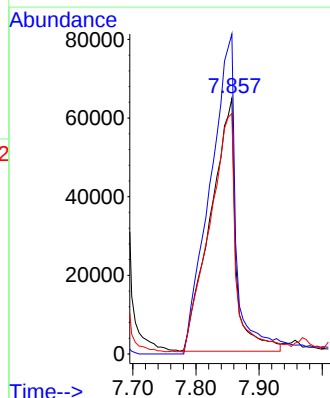
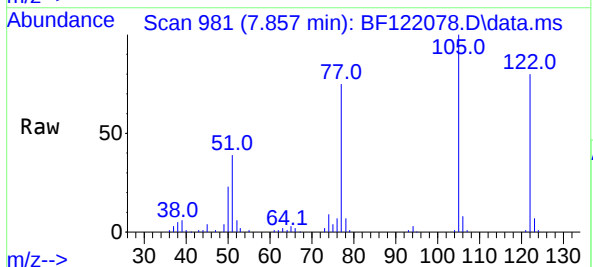
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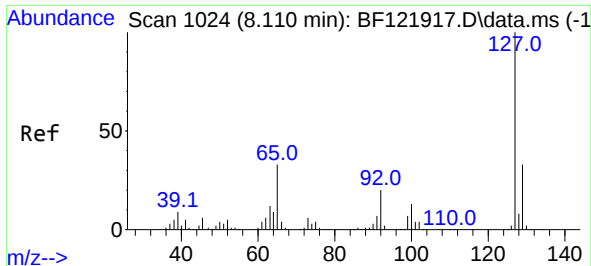
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#32  
Benzoic acid  
Concen: 44.03 ng  
RT: 7.857 min Scan# 981  
Delta R.T. 0.012 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18

Tgt Ion:122 Resp: 181352  
Ion Ratio Lower Upper  
122 100  
105 125.2 103.3 143.3  
77 94.0 73.9 113.9





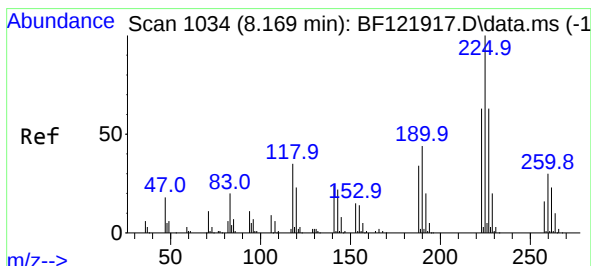
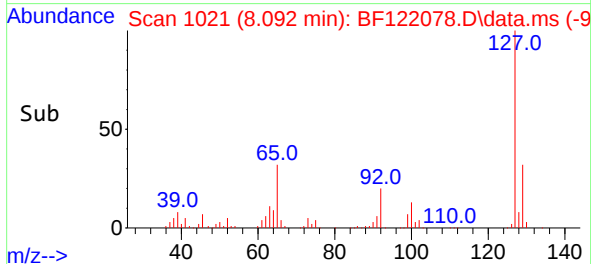
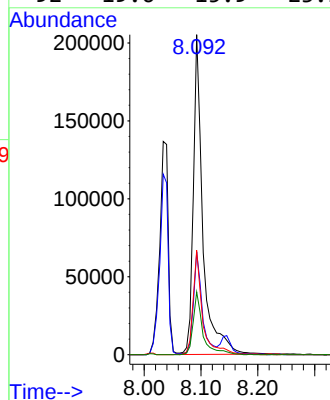
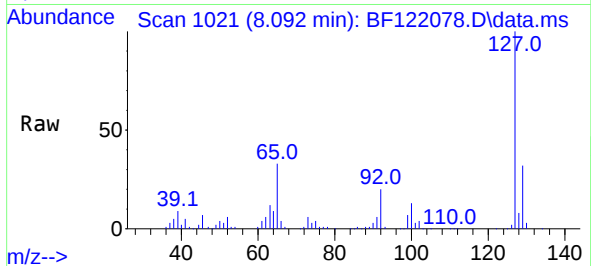
#33  
4-Chloroaniline  
Concen: 23.62 ng  
RT: 8.092 min Scan# 1021  
Delta R.T. -0.000 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 127   | Resp: | 241551 |
| Ion Ratio | Lower | Upper |        |
| 127       | 100   |       |        |
| 129       | 32.1  | 26.3  | 39.5   |
| 65        | 32.6  | 26.2  | 39.2   |
| 92        | 19.6  | 15.9  | 23.9   |

Instrument :  
BNA\_F  
ClientSampleId :  
PB132482BS

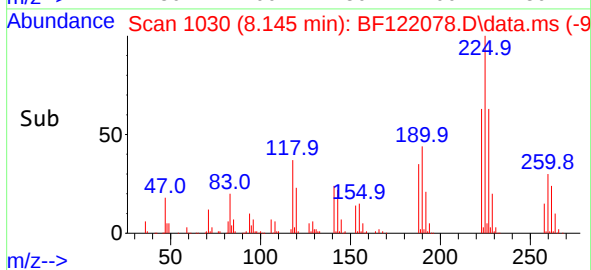
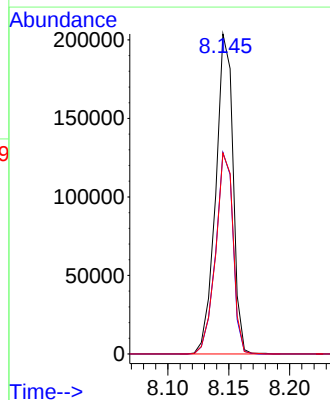
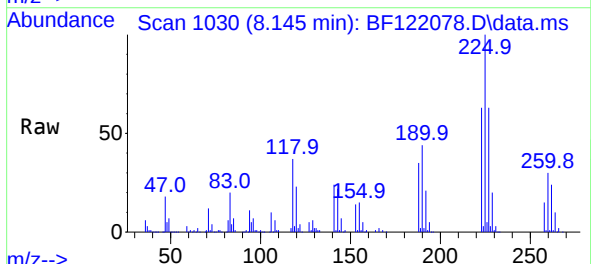
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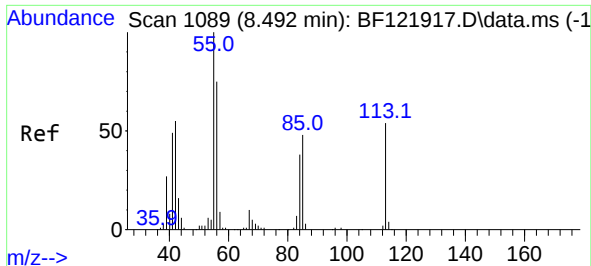
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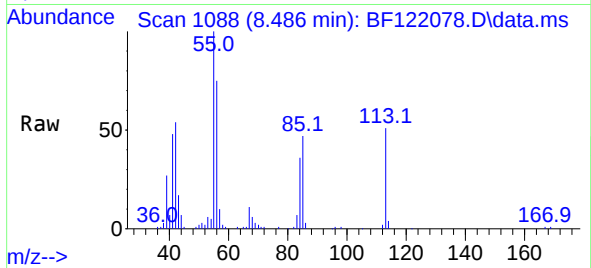
#34  
Hexachlorobutadiene  
Concen: 46.55 ng  
RT: 8.145 min Scan# 1030  
Delta R.T. -0.000 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 225   | Resp: | 201486 |
| Ion Ratio | Lower | Upper |        |
| 225       | 100   |       |        |
| 223       | 63.0  | 51.1  | 76.7   |
| 227       | 62.8  | 51.0  | 76.6   |

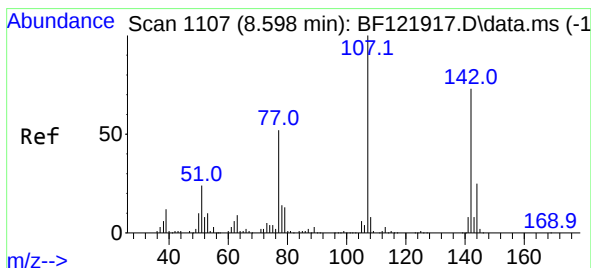
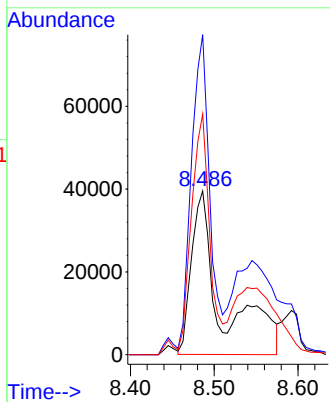
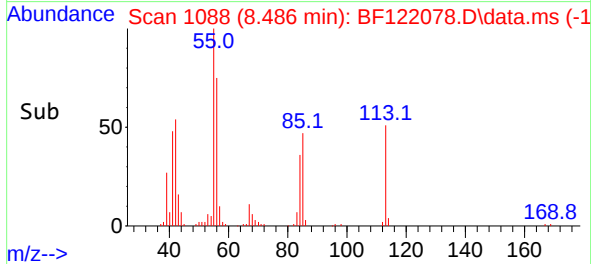




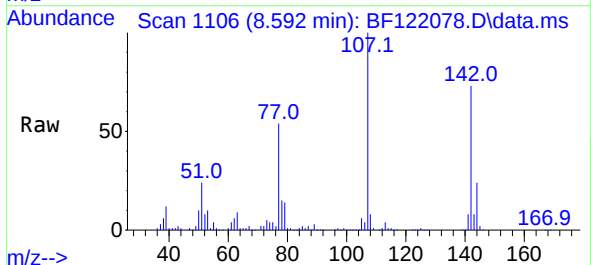
#35  
Caprolactam  
Concen: 45.16 ng m  
RT: 8.486 min Scan# 1088  
Delta R.T. 0.006 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18



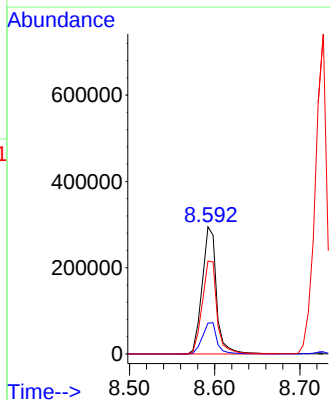
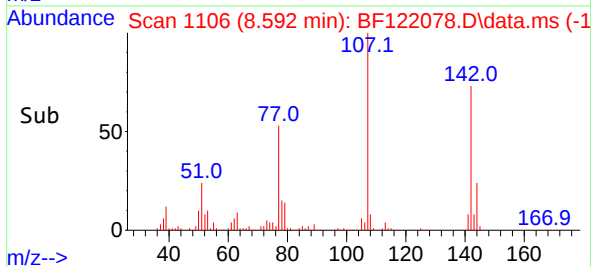
Tgt Ion:113 Resp: 98463  
Ion Ratio Lower Upper  
113 100  
55 195.4 167.5 207.5  
56 146.9 121.2 161.2



#36  
4-Chloro-3-methylphenol  
Concen: 46.73 ng  
RT: 8.592 min Scan# 1106  
Delta R.T. 0.012 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18



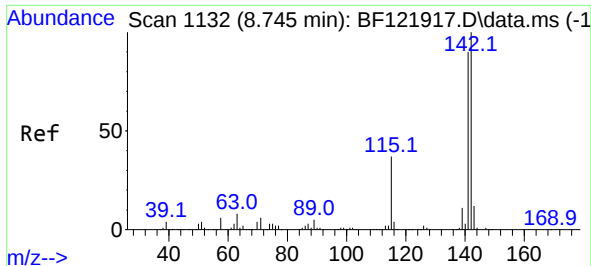
Tgt Ion:107 Resp: 344576  
Ion Ratio Lower Upper  
107 100  
144 24.3 20.1 30.1  
142 73.1 59.3 88.9



Instrument :  
BNA\_F  
ClientSampleId :  
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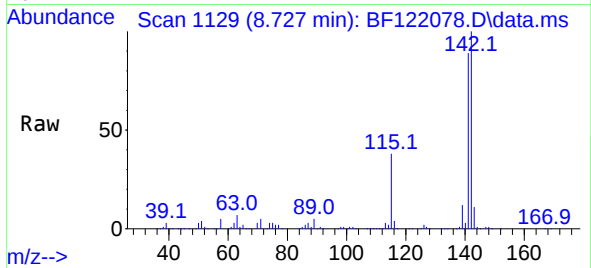
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#37  
2-Methylnaphthalene  
Concen: 44.80 ng  
RT: 8.727 min Scan# 1129  
Delta R.T. 0.006 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18

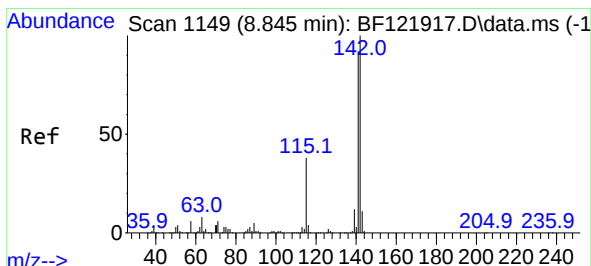
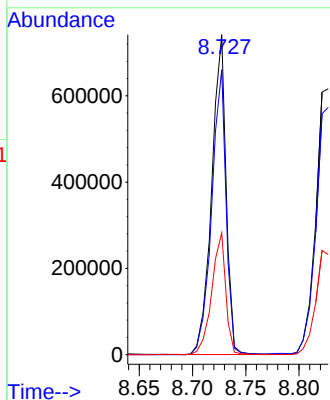
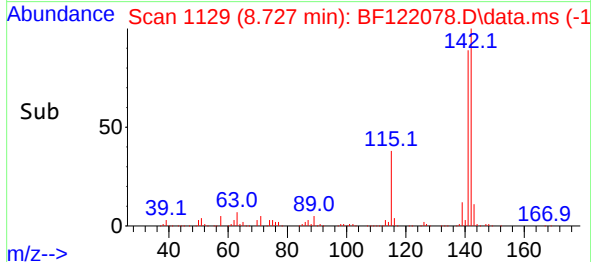
Instrument :  
BNA\_F  
ClientSampleID :  
PB132482BS



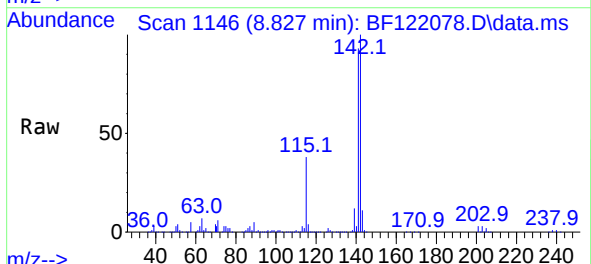
Tgt Ion:142 Resp: 696430  
Ion Ratio Lower Upper  
142 100  
141 89.1 70.2 105.4  
115 38.1 28.6 43.0

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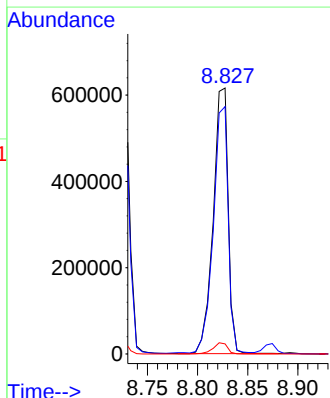
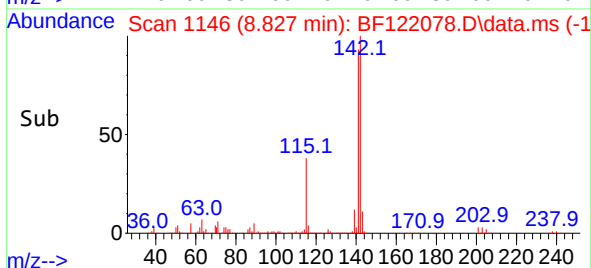
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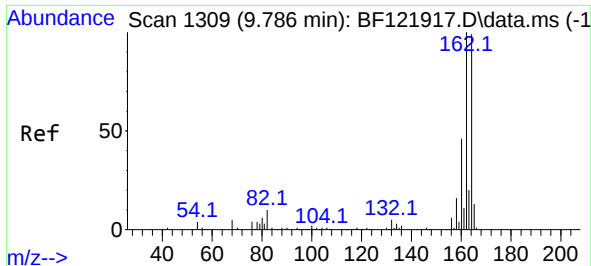


#38  
1-Methylnaphthalene  
Concen: 44.54 ng  
RT: 8.827 min Scan# 1146  
Delta R.T. 0.006 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18



Tgt Ion:142 Resp: 641174  
Ion Ratio Lower Upper  
142 100  
141 93.0 74.5 111.7  
116 3.8 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.763 min Scan# 1305

Delta R.T. -0.000 min

Lab File: BF122078.D

Acq: 22 Oct 2020 12:18

Tgt Ion:164 Resp: 234890

Ion Ratio Lower Upper

164 100

162 103.3 83.2 124.8

160 46.4 37.5 56.3

Instrument :

BNA\_F

ClientSampleId :

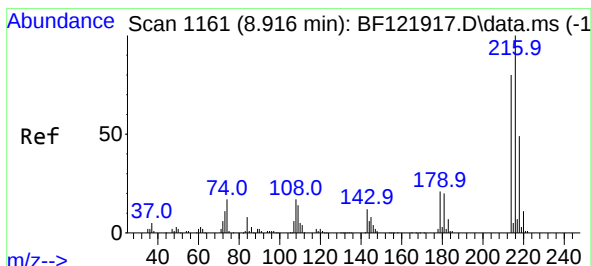
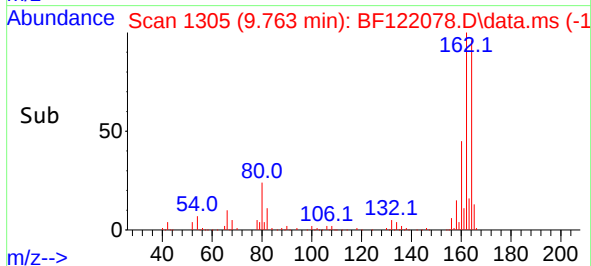
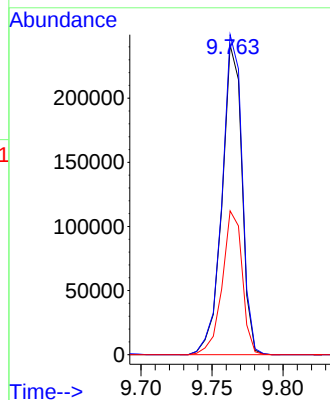
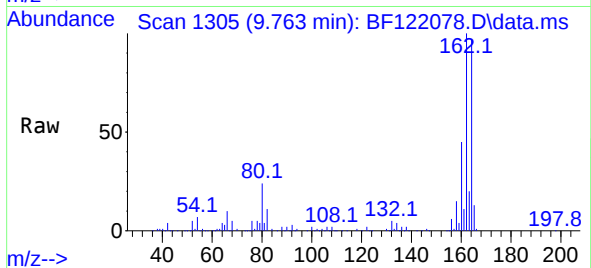
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#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.71 ng

RT: 8.892 min Scan# 1157

Delta R.T. -0.000 min

Lab File: BF122078.D

Acq: 22 Oct 2020 12:18

Tgt Ion:216 Resp: 331375

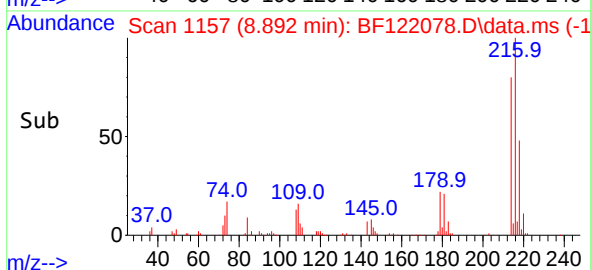
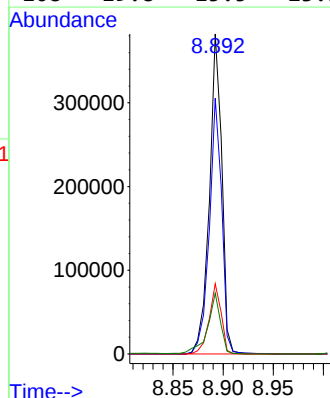
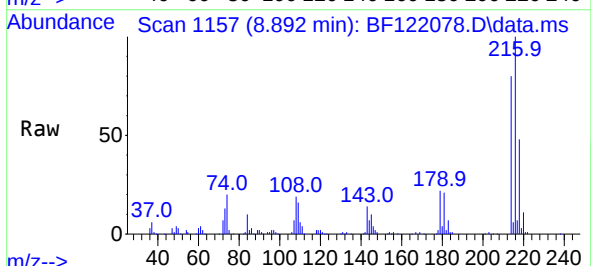
Ion Ratio Lower Upper

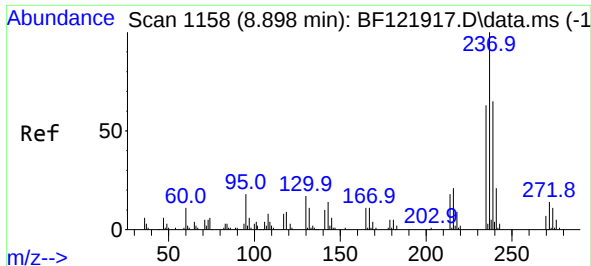
216 100

214 79.6 63.4 95.2

179 21.2 17.0 25.6

108 19.8 15.5 23.3





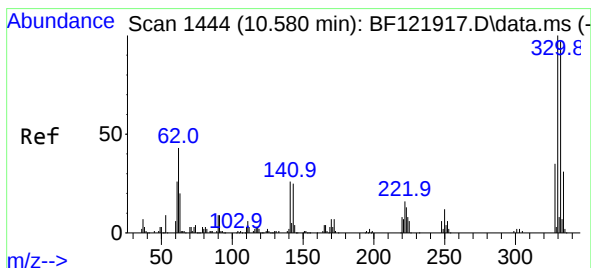
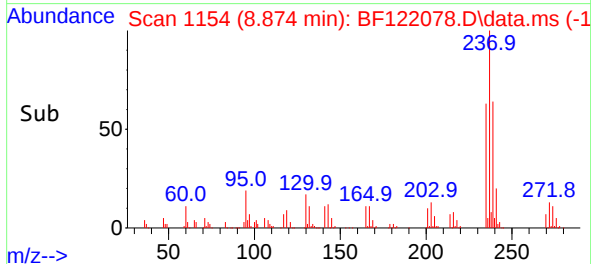
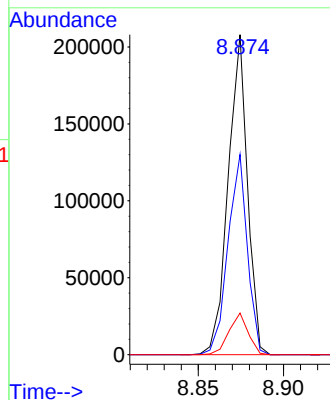
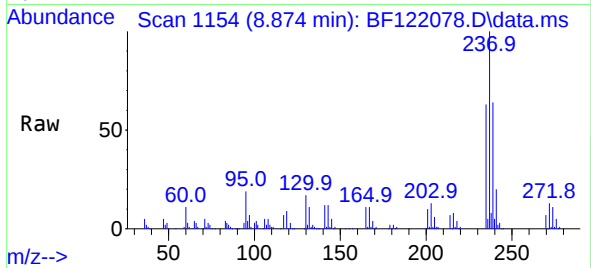
#41  
Hexachlorocyclopentadiene  
Concen: 71.62 ng  
RT: 8.874 min Scan# 1154  
Delta R.T. -0.000 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18

Tgt Ion:237 Resp: 164310  
Ion Ratio Lower Upper  
237 100  
235 62.5 41.8 81.8  
272 13.0 0.0 33.5

Instrument :  
BNA\_F  
ClientSampleId :  
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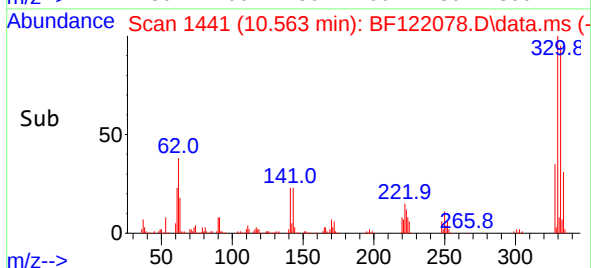
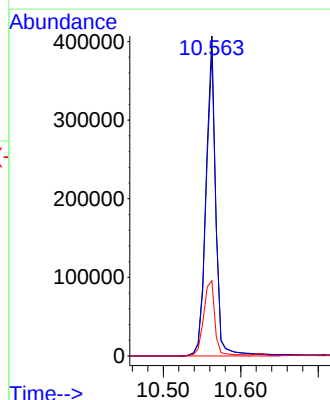
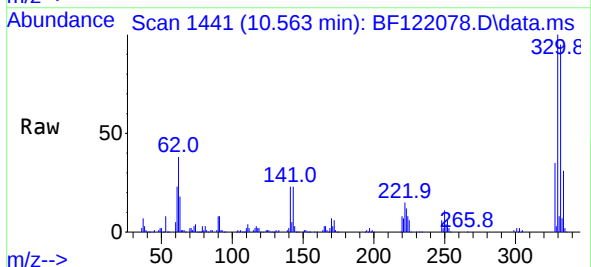
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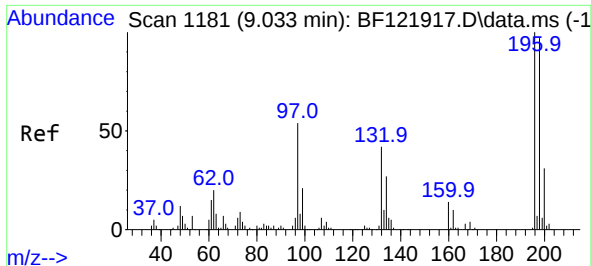
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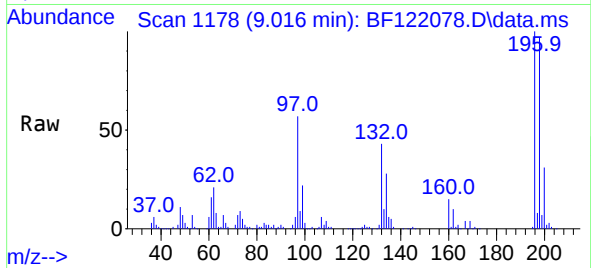
#42  
2,4,6-Tribromophenol  
Concen: 122.95 ng  
RT: 10.563 min Scan# 1441  
Delta R.T. 0.006 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18

Tgt Ion:330 Resp: 357240  
Ion Ratio Lower Upper  
330 100  
332 97.3 77.3 115.9  
141 27.3 22.3 33.5

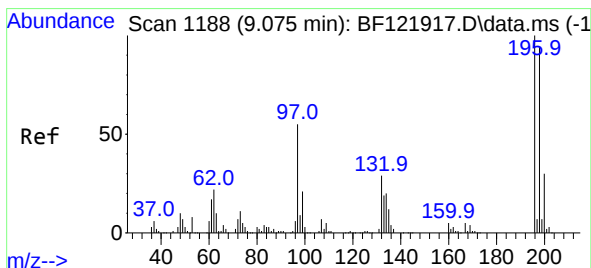
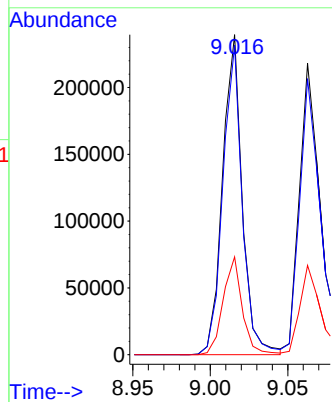
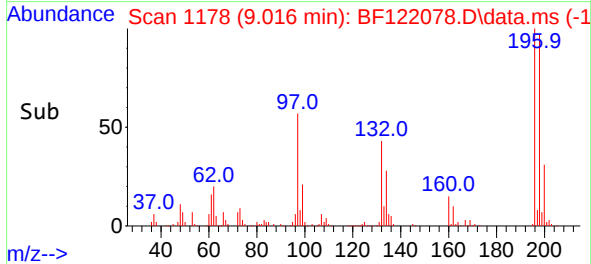




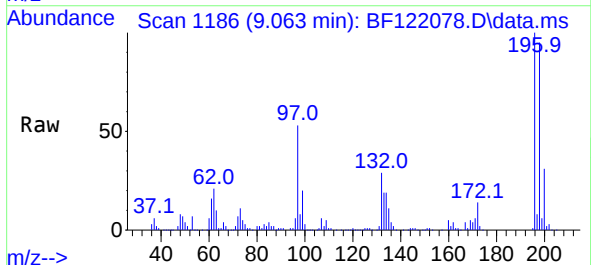
#43  
2,4,6-Trichlorophenol  
Concen: 45.17 ng  
RT: 9.016 min Scan# 1178  
Delta R.T. 0.006 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18



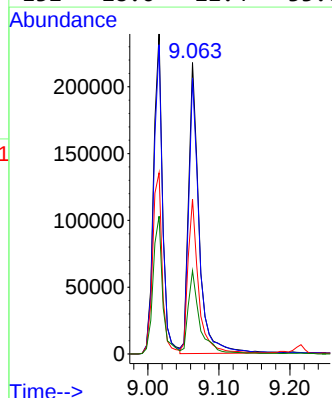
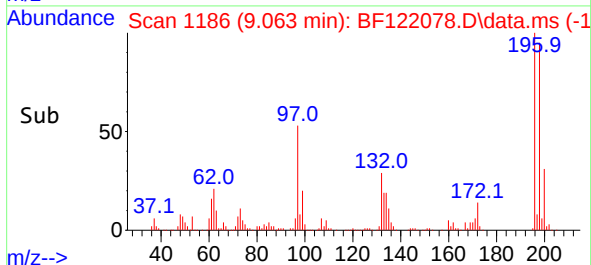
Tgt Ion:196 Resp: 211299  
Ion Ratio Lower Upper  
196 100  
198 96.7 75.8 113.6  
200 30.6 24.6 36.8



#44  
2,4,5-Trichlorophenol  
Concen: 43.96 ng  
RT: 9.063 min Scan# 1186  
Delta R.T. 0.006 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18



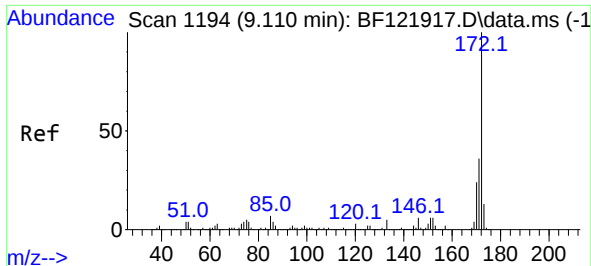
Tgt Ion:196 Resp: 222062  
Ion Ratio Lower Upper  
196 100  
198 94.7 76.1 114.1  
97 53.2 41.0 61.6  
132 28.6 22.4 33.6



Instrument :  
BNA\_F  
ClientSampleId :  
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#45  
2-Fluorobiphenyl  
Concen: 74.55 ng  
RT: 9.086 min Scan# 1190  
Delta R.T. -0.000 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18

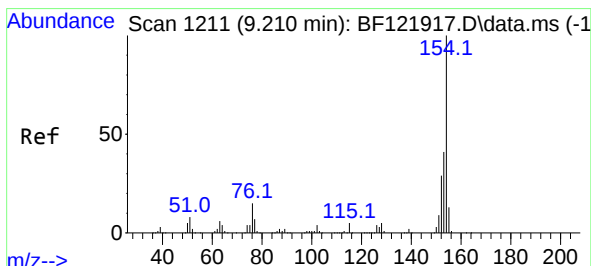
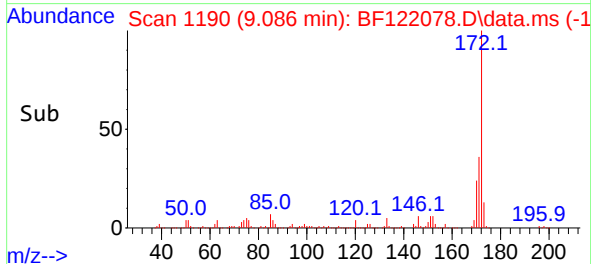
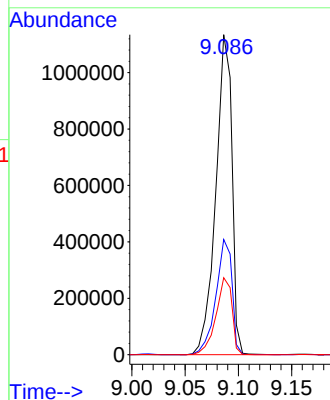
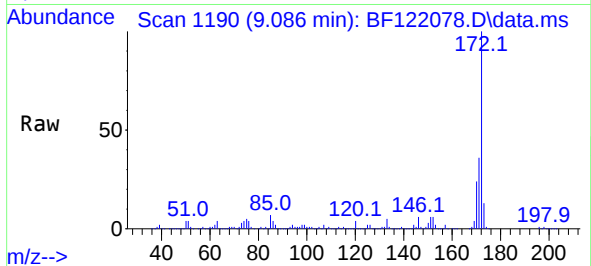
Tgt Ion:172 Resp: 1190073

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 36.0  | 29.1  | 43.7  |
| 170 | 24.1  | 19.8  | 29.6  |

Instrument :  
BNA\_F  
ClientSampleId :  
PB132482BS

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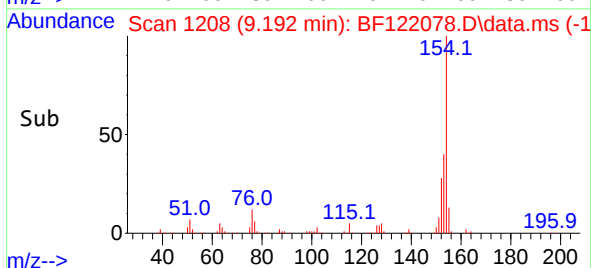
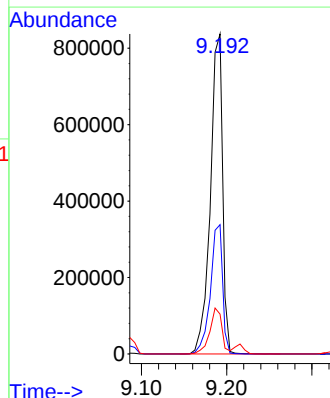
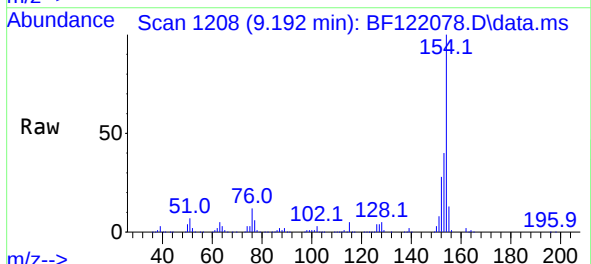
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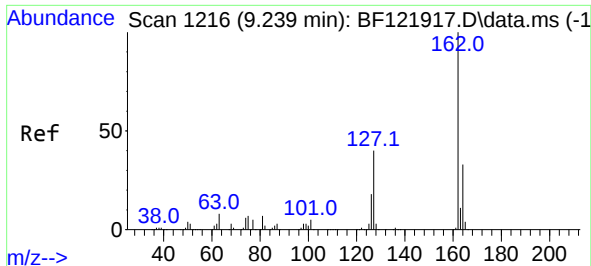


#46  
1,1'-Biphenyl  
Concen: 43.82 ng  
RT: 9.192 min Scan# 1208  
Delta R.T. 0.006 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18

Tgt Ion:154 Resp: 836864

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 40.4  | 21.3  | 61.3  |
| 76  | 12.5  | 0.0   | 34.7  |





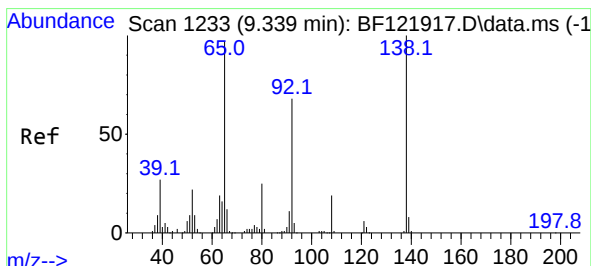
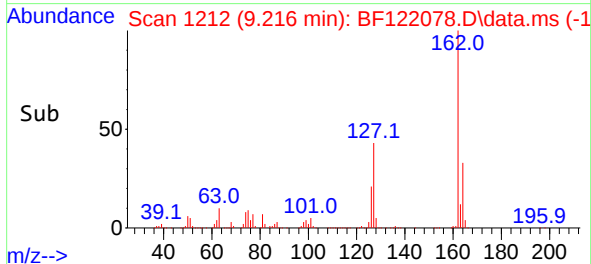
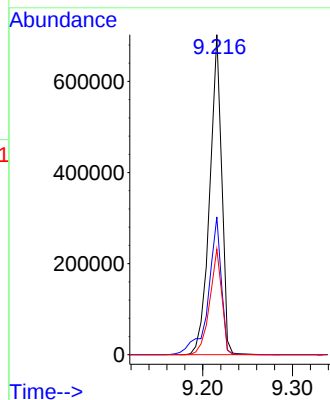
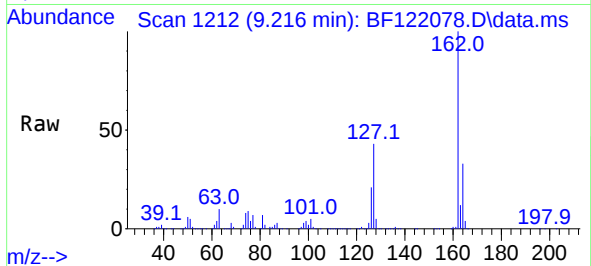
#47  
2-Chloronaphthalene  
Concen: 43.94 ng  
RT: 9.216 min Scan# 1212  
Delta R.T. -0.000 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 162   | Resp: | 652635 |
| Ion      | Ratio | Lower | Upper  |
| 162      | 100   |       |        |
| 127      | 43.0  | 34.4  | 51.6   |
| 164      | 33.1  | 26.3  | 39.5   |

Instrument :  
BNA\_F  
ClientSampleId :  
PB132482BS

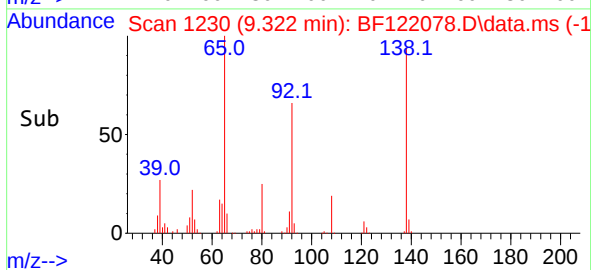
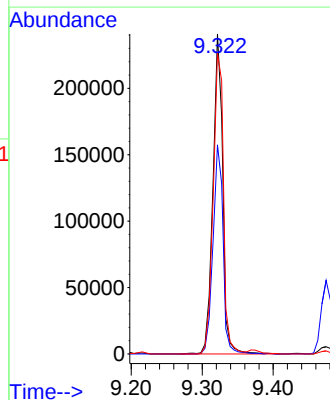
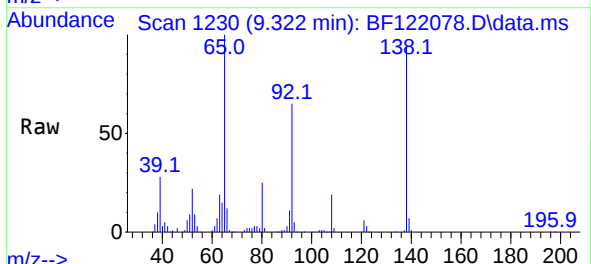
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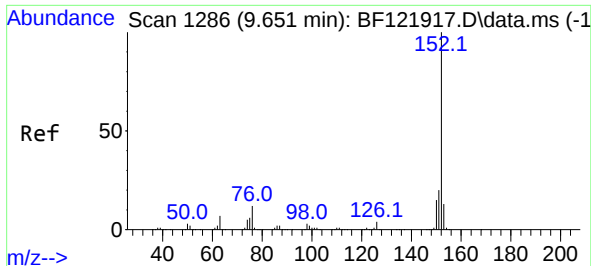
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#48  
2-Nitroaniline  
Concen: 47.23 ng  
RT: 9.322 min Scan# 1230  
Delta R.T. -0.000 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 65    | Resp: | 231384 |
| Ion      | Ratio | Lower | Upper  |
| 65       | 100   |       |        |
| 92       | 65.4  | 55.1  | 82.7   |
| 138      | 94.0  | 80.5  | 120.7  |





#49

Acenaphthylene

Concen: 43.04 ng

RT: 9.627 min Scan# 1282

Delta R.T. -0.000 min

Lab File: BF122078.D

Acq: 22 Oct 2020 12:18

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 981739 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 20.8  | 16.4  | 24.6   |
| 153       | 13.5  | 10.6  | 15.8   |

Instrument :

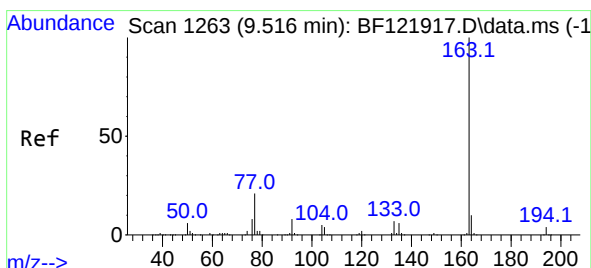
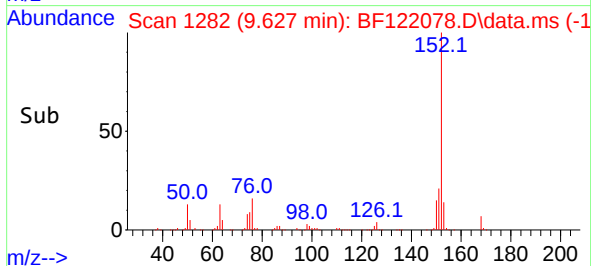
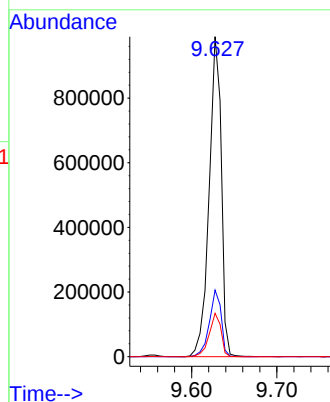
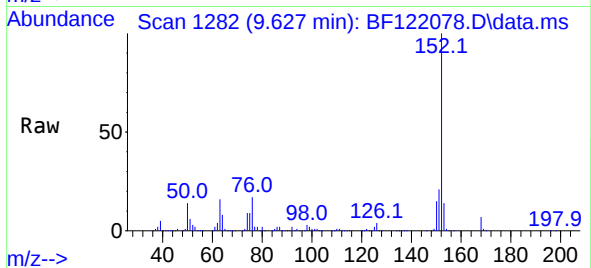
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ClientSampleId :

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#50

Dimethylphthalate

Concen: 45.58 ng

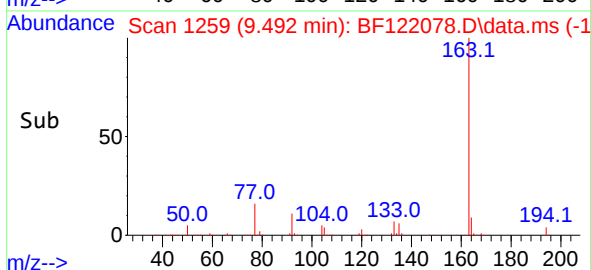
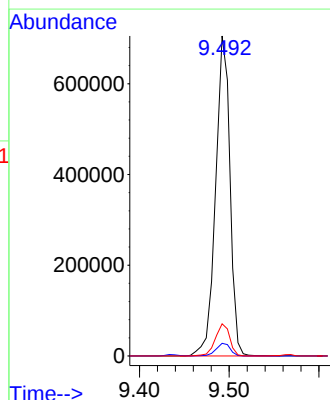
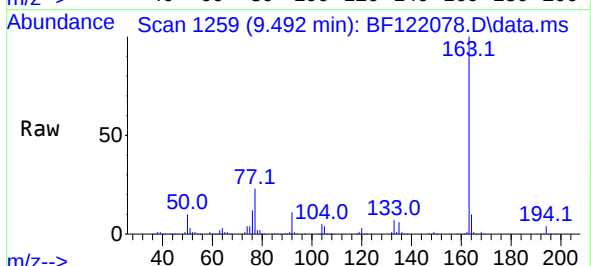
RT: 9.492 min Scan# 1259

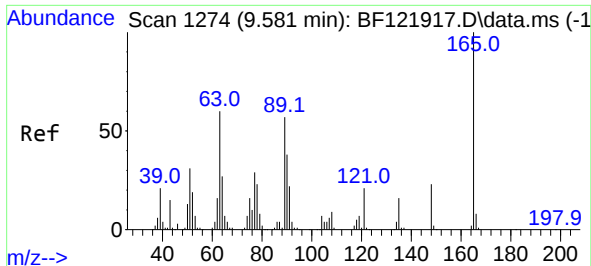
Delta R.T. -0.000 min

Lab File: BF122078.D

Acq: 22 Oct 2020 12:18

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 782944 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 4.0   | 3.3   | 4.9    |
| 164       | 10.1  | 8.2   | 12.4   |





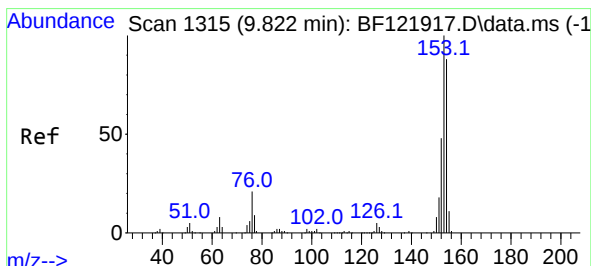
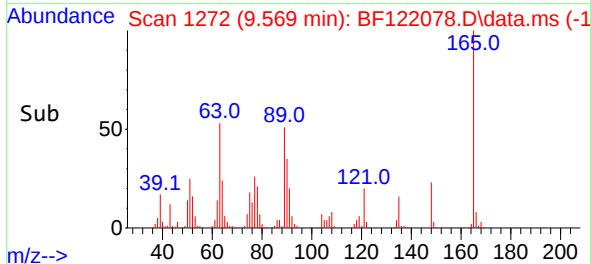
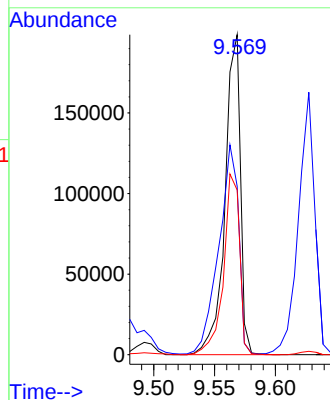
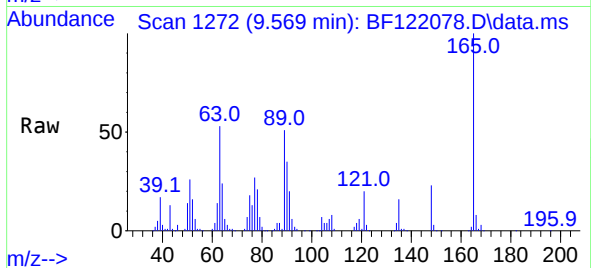
#51  
2,6-Dinitrotoluene  
Concen: 46.44 ng  
RT: 9.569 min Scan# 1272  
Delta R.T. 0.006 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18

Tgt Ion:165 Resp: 174984  
Ion Ratio Lower Upper  
165 100  
63 52.6 51.8 77.6  
89 51.4 49.0 73.6

Instrument :  
BNA\_F  
ClientSampleId :  
PB132482BS

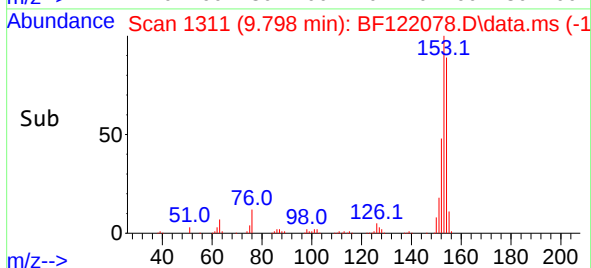
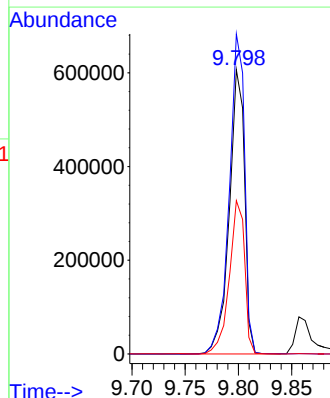
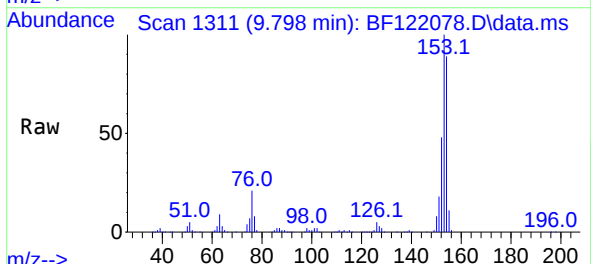
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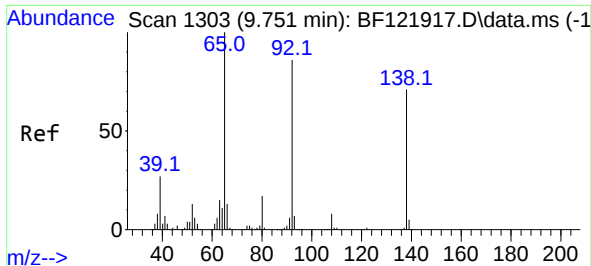
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#52  
Acenaphthene  
Concen: 44.46 ng  
RT: 9.798 min Scan# 1311  
Delta R.T. -0.000 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18

Tgt Ion:154 Resp: 603301  
Ion Ratio Lower Upper  
154 100  
153 112.6 89.8 134.8  
152 53.9 43.2 64.8





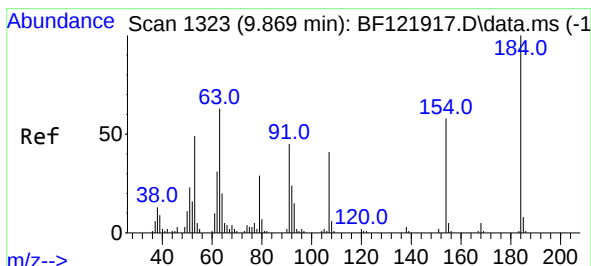
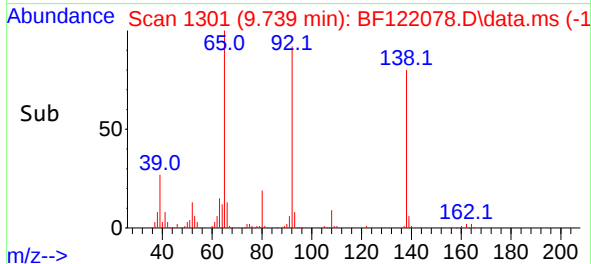
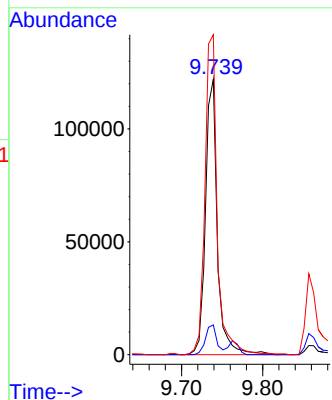
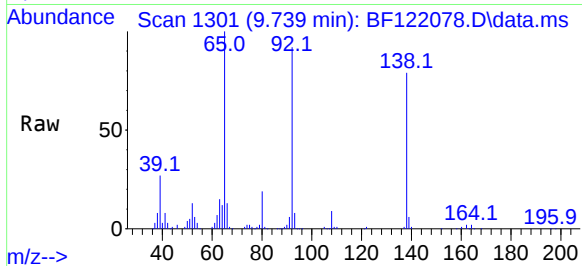
#53  
3-Nitroaniline  
Concen: 28.83 ng  
RT: 9.739 min Scan# 1301  
Delta R.T. 0.006 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18

Tgt Ion:138 Resp: 123543  
Ion Ratio Lower Upper  
138 100  
108 10.8 8.6 13.0  
92 116.2 96.6 144.8

Instrument :  
BNA\_F  
ClientSampleId :  
PB132482BS

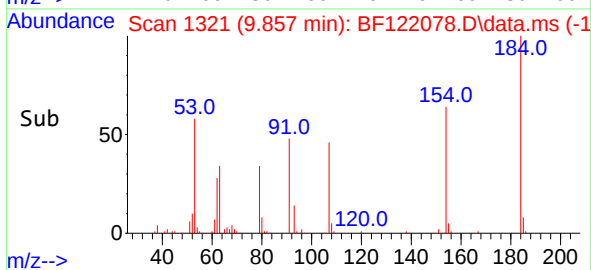
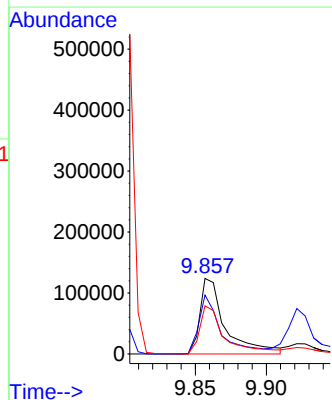
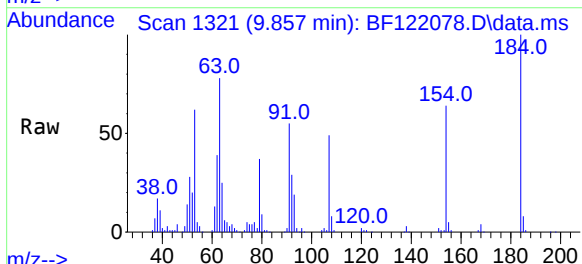
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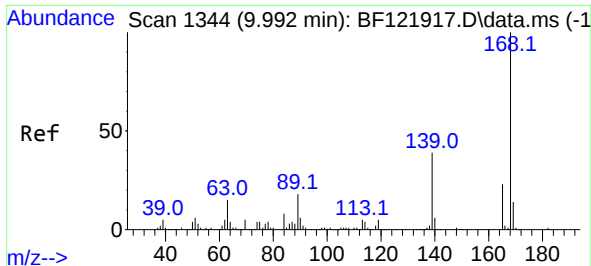
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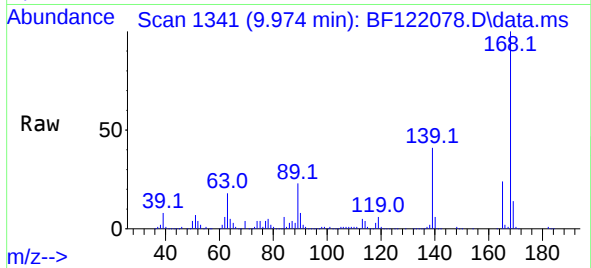
#54  
2,4-Dinitrophenol  
Concen: 80.49 ng  
RT: 9.857 min Scan# 1321  
Delta R.T. 0.006 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18

Tgt Ion:184 Resp: 154862  
Ion Ratio Lower Upper  
184 100  
63 77.9 45.9 68.9#  
154 63.8 45.8 68.6

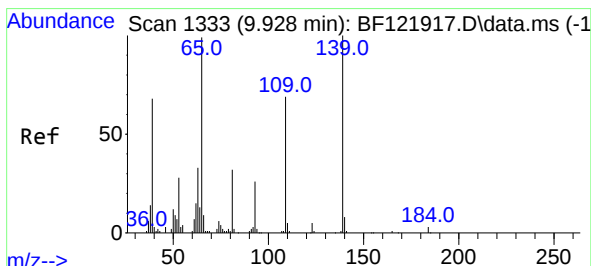
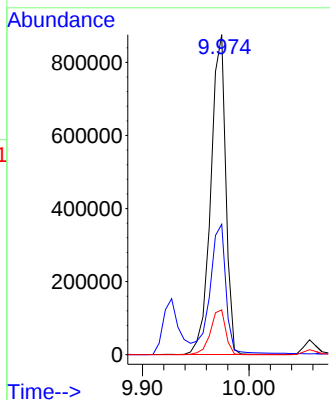
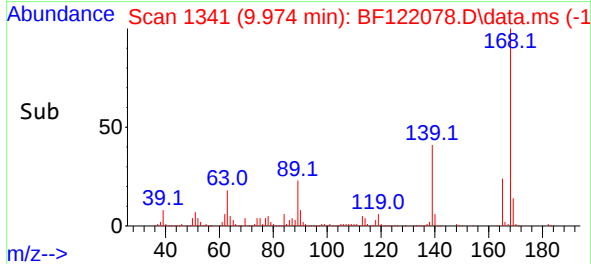




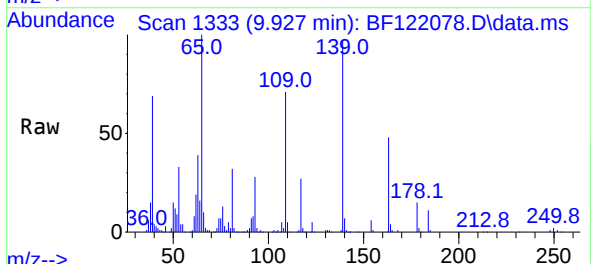
#55  
Dibenzofuran  
Concen: 43.13 ng  
RT: 9.974 min Scan# 1341  
Delta R.T. 0.006 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18



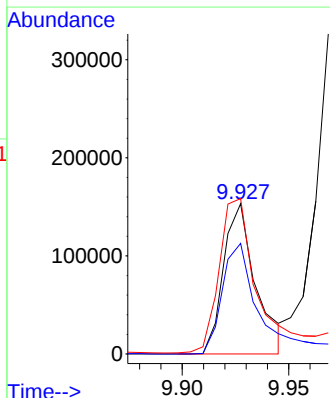
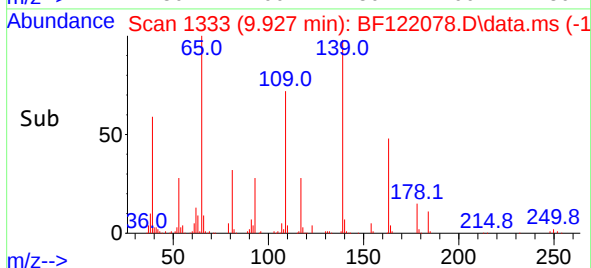
Tgt Ion:168 Resp: 855860  
Ion Ratio Lower Upper  
168 100  
139 40.7 31.0 46.6  
169 14.0 11.3 16.9



#56  
4-Nitrophenol  
Concen: 69.16 ng  
RT: 9.927 min Scan# 1333  
Delta R.T. 0.011 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18



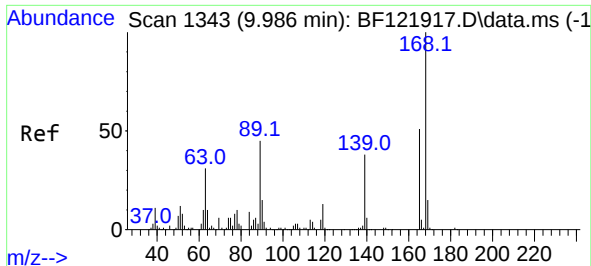
Tgt Ion:139 Resp: 161206  
Ion Ratio Lower Upper  
139 100  
109 73.6 45.4 85.4  
65 103.3 68.4 108.4



Instrument :  
BNA\_F  
ClientSampleId :  
PB132482BS

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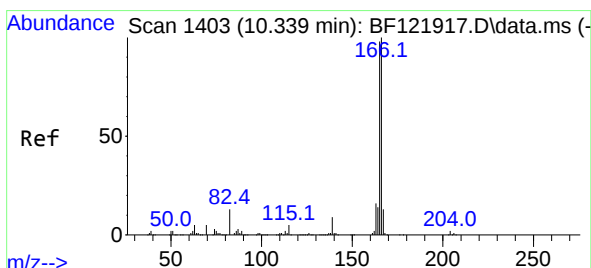
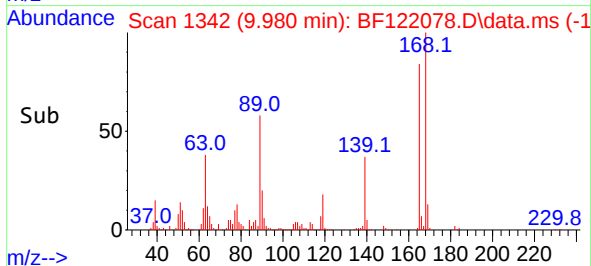
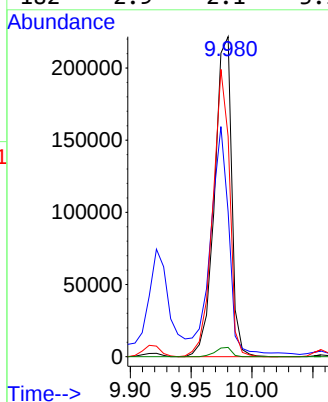
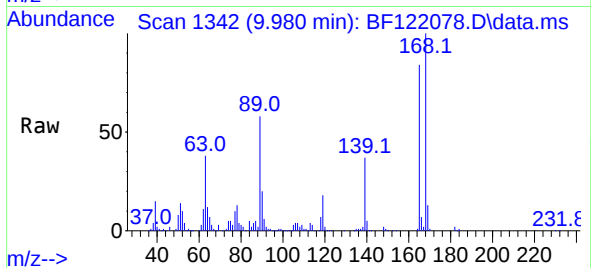
#57  
2,4-Dinitrotoluene  
Concen: 46.46 ng  
RT: 9.980 min Scan# 1342  
Delta R.T. 0.006 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 165   | Resp: | 215514 |
| Ion      | Ratio | Lower | Upper  |
| 165      | 100   |       |        |
| 63       | 45.3  | 41.3  | 61.9   |
| 89       | 68.8  | 61.8  | 92.8   |
| 182      | 2.9   | 2.1   | 3.1    |

Instrument :  
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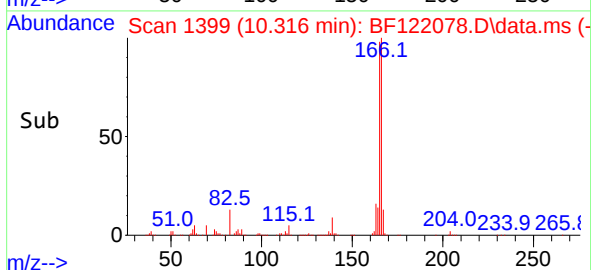
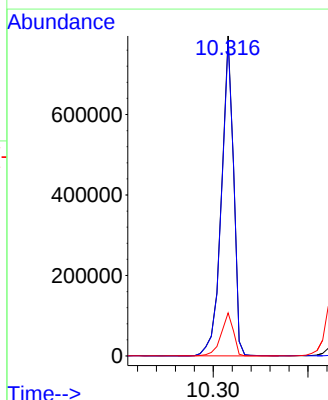
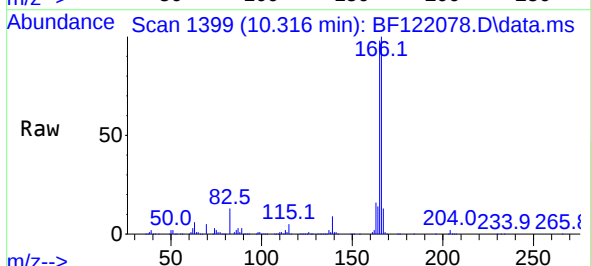
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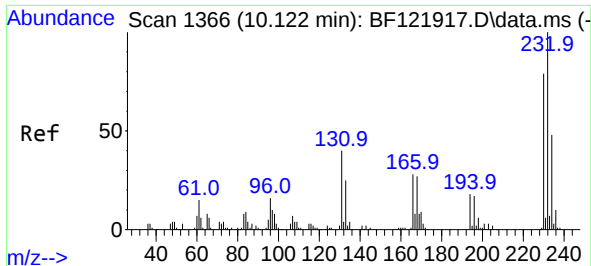
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#58  
Fluorene  
Concen: 44.21 ng  
RT: 10.316 min Scan# 1399  
Delta R.T. -0.000 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 166   | Resp: | 706833 |
| Ion      | Ratio | Lower | Upper  |
| 166      | 100   |       |        |
| 165      | 98.3  | 79.1  | 118.7  |
| 167      | 13.4  | 11.0  | 16.6   |





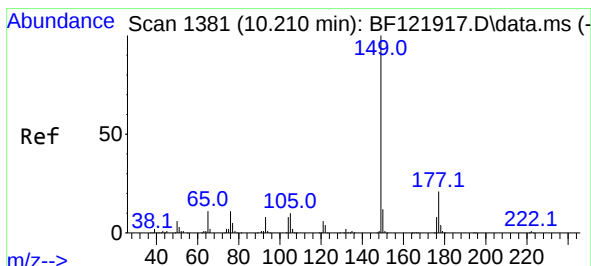
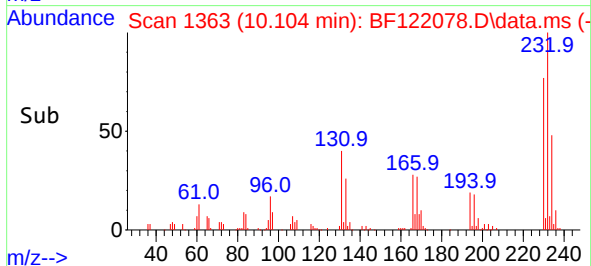
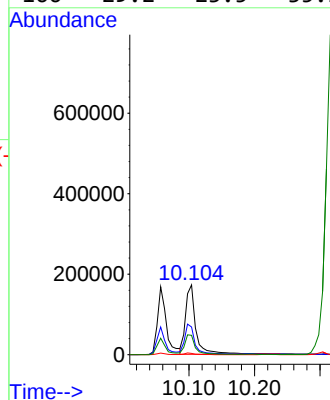
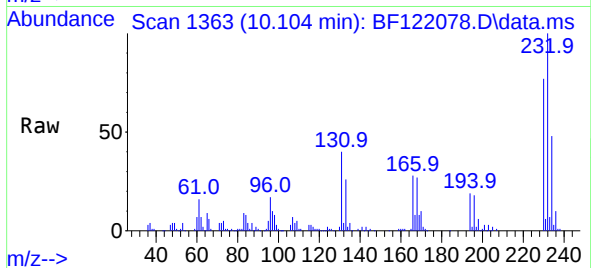
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 47.59 ng  
RT: 10.104 min Scan# 1363  
Delta R.T. 0.006 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18

Tgt Ion:232 Resp: 185988  
Ion Ratio Lower Upper  
232 100  
131 43.5 35.9 53.9  
130 2.5 1.8 2.6  
166 29.2 23.5 35.3

Instrument :  
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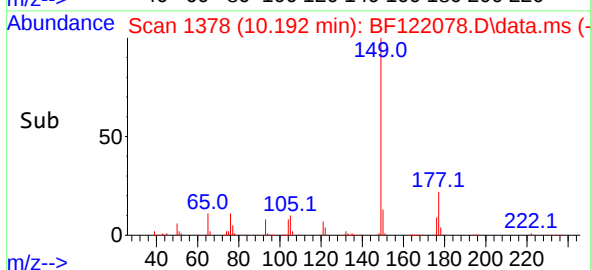
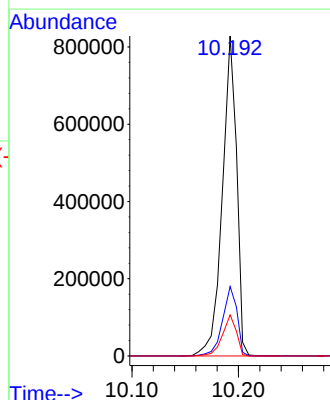
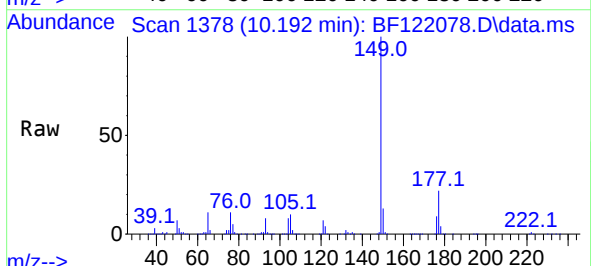
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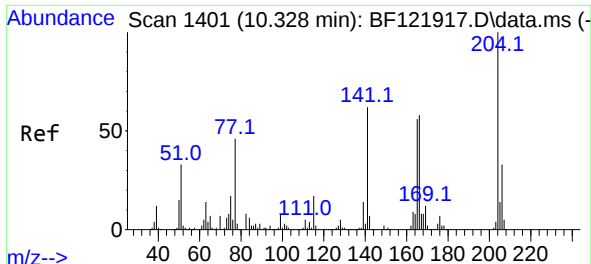
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#60  
Diethylphthalate  
Concen: 46.40 ng  
RT: 10.192 min Scan# 1378  
Delta R.T. 0.006 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18

Tgt Ion:149 Resp: 768463  
Ion Ratio Lower Upper  
149 100  
177 21.7 18.1 27.1  
150 12.9 10.3 15.5





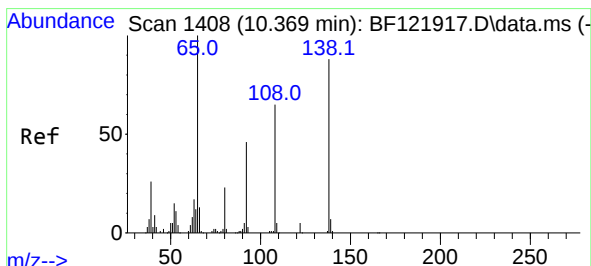
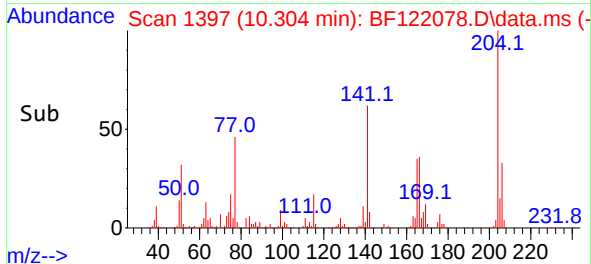
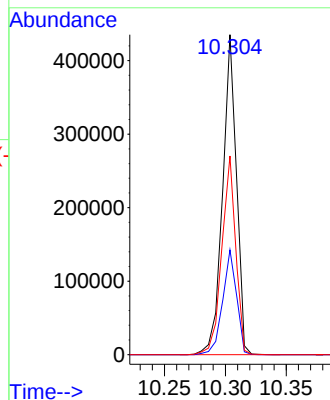
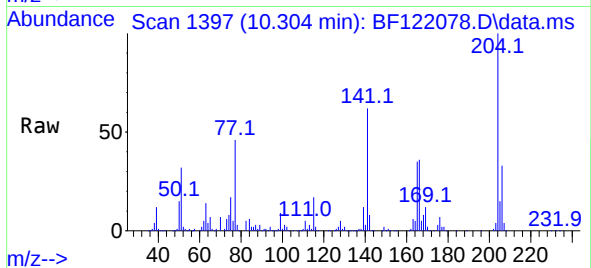
#61  
4-Chlorophenyl-phenylether  
Concen: 45.06 ng  
RT: 10.304 min Scan# 1397  
Delta R.T. -0.000 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18

Tgt Ion:204 Resp: 345492  
Ion Ratio Lower Upper  
204 100  
206 32.8 26.0 39.0  
141 62.1 46.2 69.4

Instrument :  
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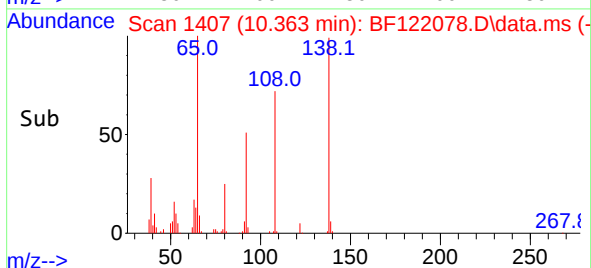
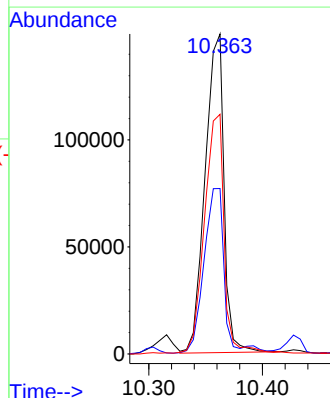
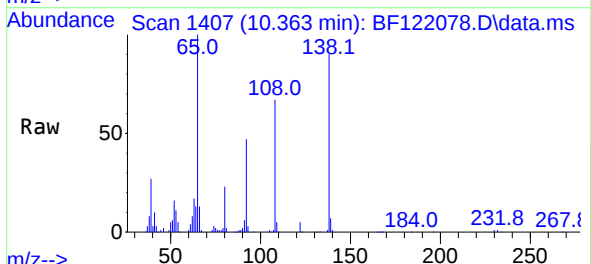
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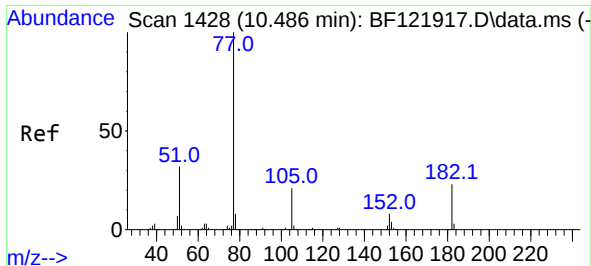
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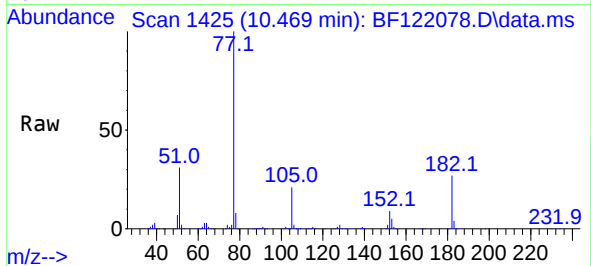
#62  
4-Nitroaniline  
Concen: 40.15 ng  
RT: 10.363 min Scan# 1407  
Delta R.T. 0.011 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18

Tgt Ion:138 Resp: 171886  
Ion Ratio Lower Upper  
138 100  
92 51.7 31.0 71.0  
108 74.9 51.5 91.5

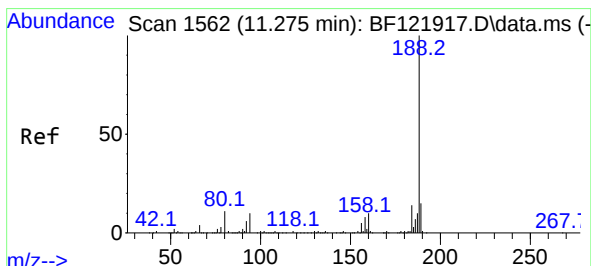
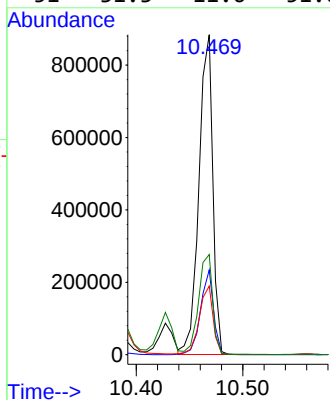
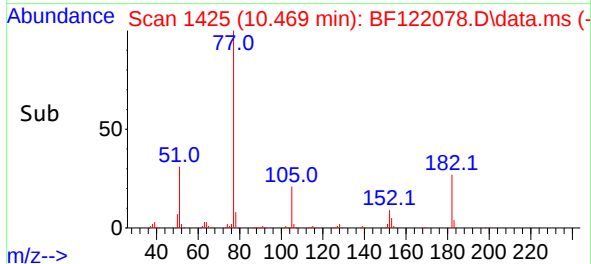




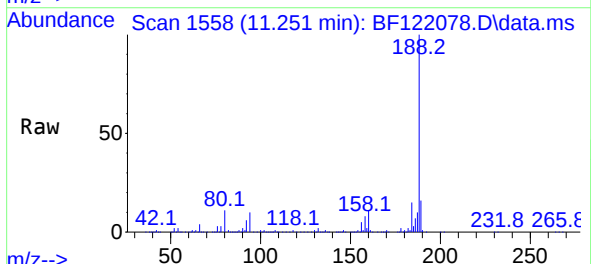
#63  
Azobenzene  
Concen: 45.85 ng  
RT: 10.469 min Scan# 1425  
Delta R.T. 0.006 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18



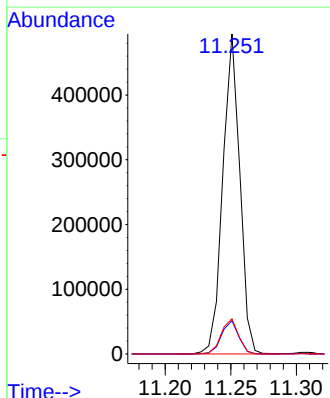
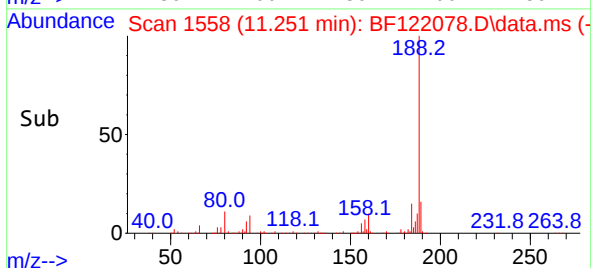
Tgt Ion: 77 Resp: 803003  
Ion Ratio Lower Upper  
77 100  
182 26.5 3.4 43.4  
105 21.5 1.7 41.7  
51 31.3 11.6 51.6



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.251 min Scan# 1558  
Delta R.T. 0.006 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18



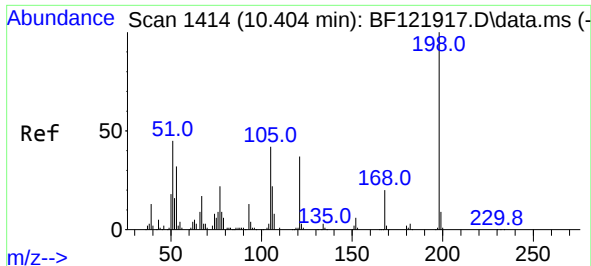
Tgt Ion: 188 Resp: 445035  
Ion Ratio Lower Upper  
188 100  
94 10.4 8.3 12.5  
80 11.0 9.1 13.7



Instrument :  
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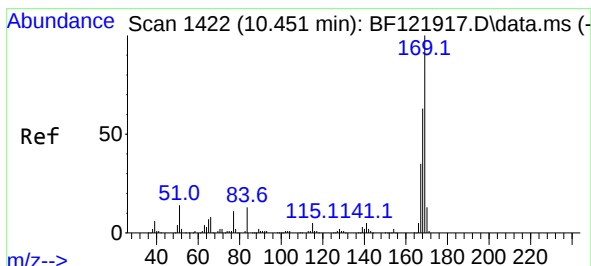
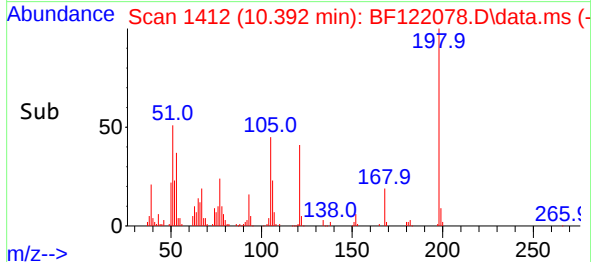
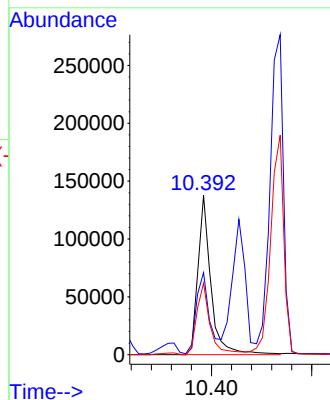
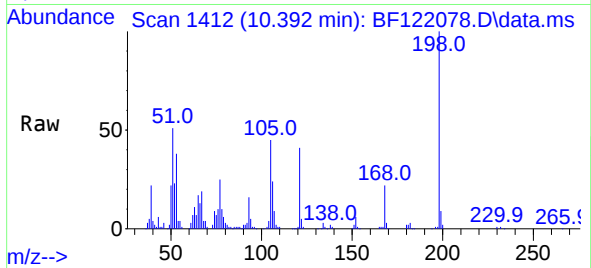
#65  
4,6-Dinitro-2-methylphenol  
Concen: 41.97 ng  
RT: 10.392 min Scan# 1412  
Delta R.T. 0.006 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 198   | Resp: | 123312 |
| Ion      | Ratio | Lower | Upper  |
| 198      | 100   |       |        |
| 51       | 51.5  | 29.6  | 69.6   |
| 105      | 44.8  | 24.4  | 64.4   |

Instrument :  
BNA\_F  
ClientSampleId :  
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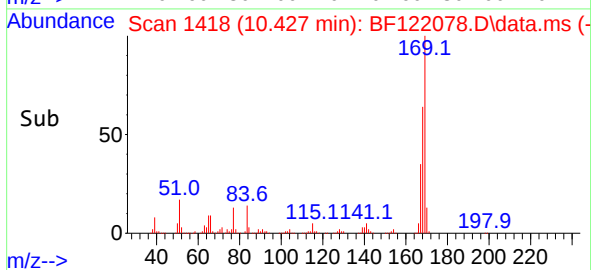
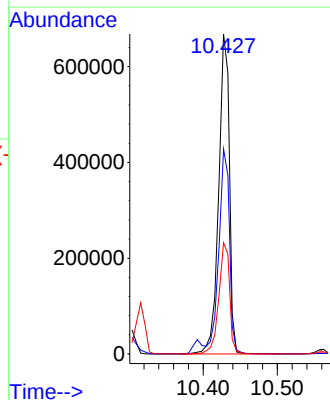
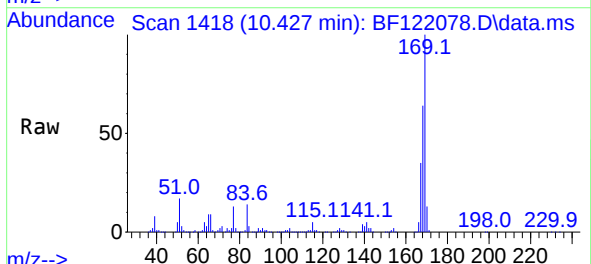
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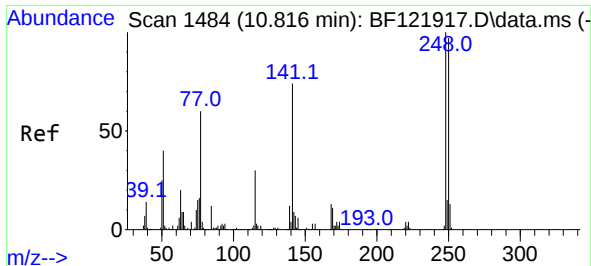
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#66  
n-Nitrosodiphenylamine  
Concen: 43.52 ng  
RT: 10.427 min Scan# 1418  
Delta R.T. -0.000 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 169   | Resp: | 667158 |
| Ion      | Ratio | Lower | Upper  |
| 169      | 100   |       |        |
| 168      | 64.0  | 50.0  | 75.0   |
| 167      | 34.7  | 27.8  | 41.6   |





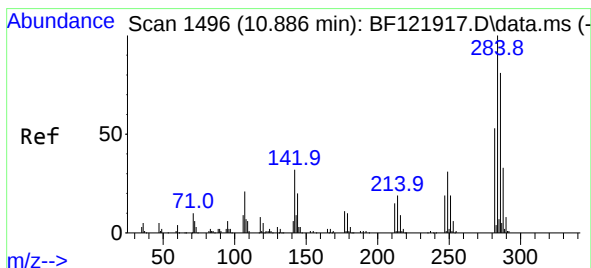
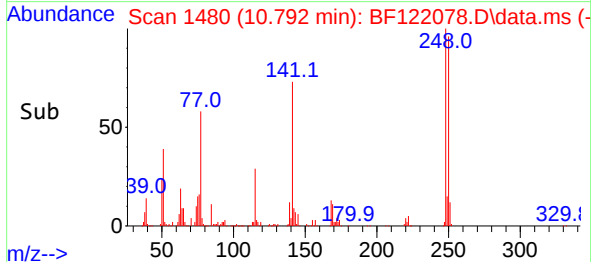
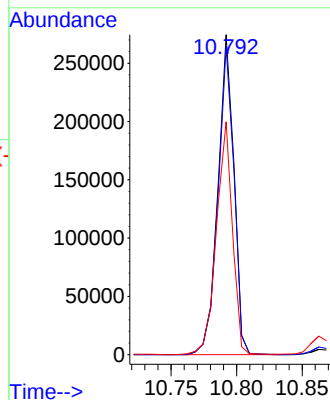
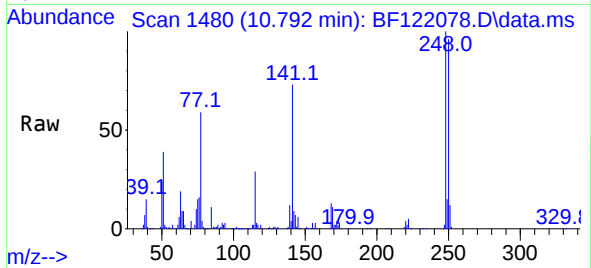
#67  
4-Bromophenyl-phenylether  
Concen: 45.24 ng  
RT: 10.792 min Scan# 1480  
Delta R.T. -0.000 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18

Tgt Ion:248 Resp: 232600  
Ion Ratio Lower Upper  
248 100  
250 96.2 77.0 115.6  
141 72.8 53.7 80.5

Instrument :  
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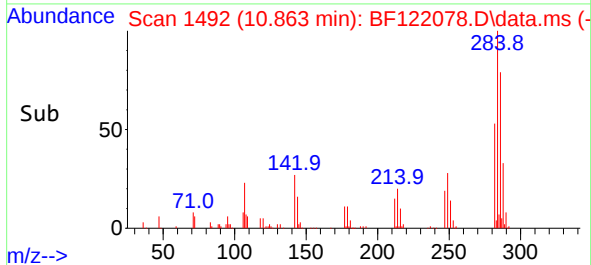
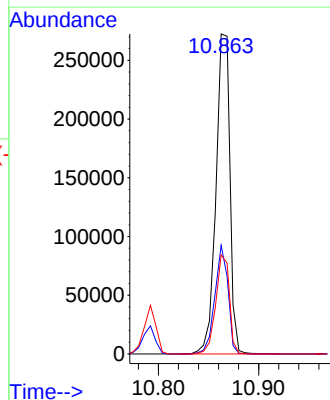
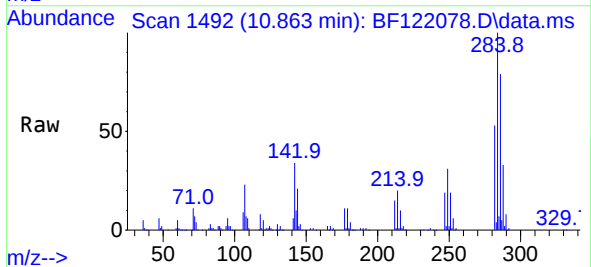
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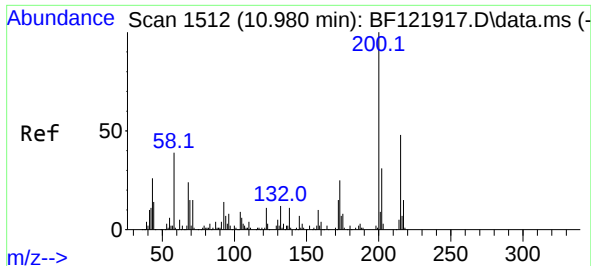
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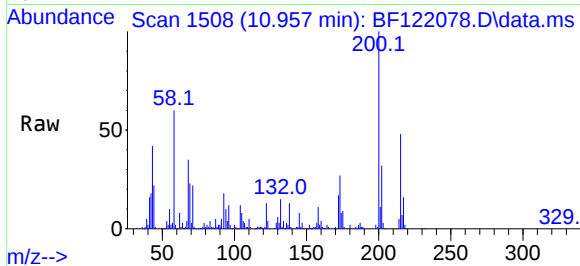
#68  
Hexachlorobenzene  
Concen: 45.43 ng  
RT: 10.863 min Scan# 1492  
Delta R.T. -0.000 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18

Tgt Ion:284 Resp: 264375  
Ion Ratio Lower Upper  
284 100  
142 33.9 27.4 41.2  
249 31.0 24.2 36.4

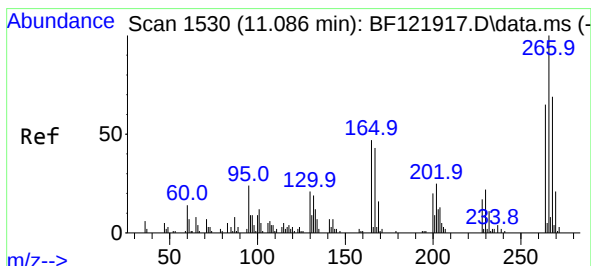
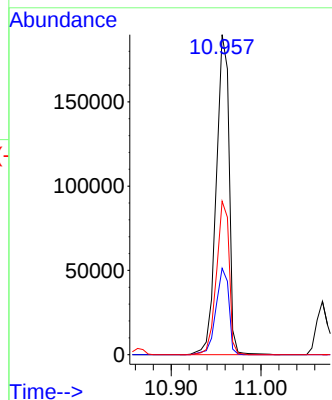
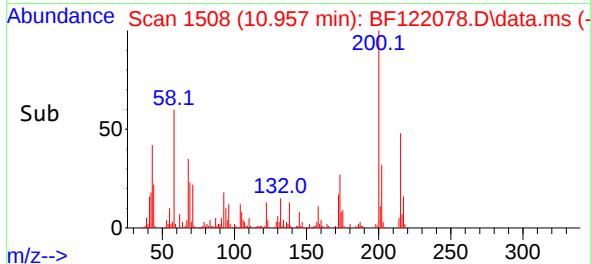




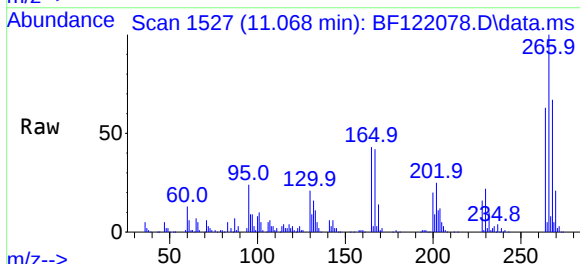
#69  
Atrazine  
Concen: 50.36 ng  
RT: 10.957 min Scan# 1508  
Delta R.T. -0.000 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18



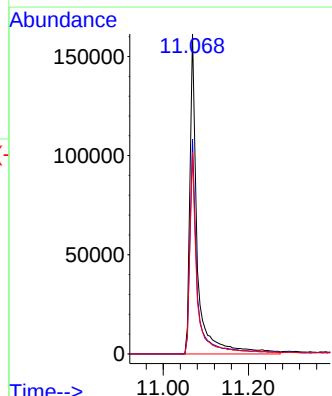
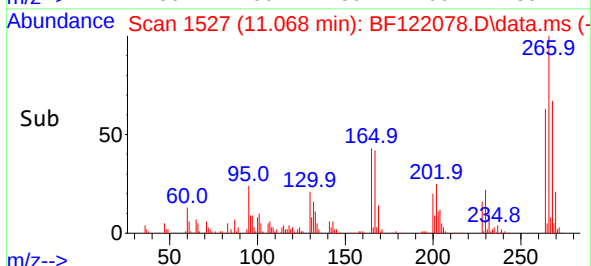
Tgt Ion:200 Resp: 188754  
Ion Ratio Lower Upper  
200 100  
173 27.0 7.5 47.5  
215 48.0 27.1 67.1



#70  
Pentachlorophenol  
Concen: 85.78 ng  
RT: 11.068 min Scan# 1527  
Delta R.T. 0.006 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18



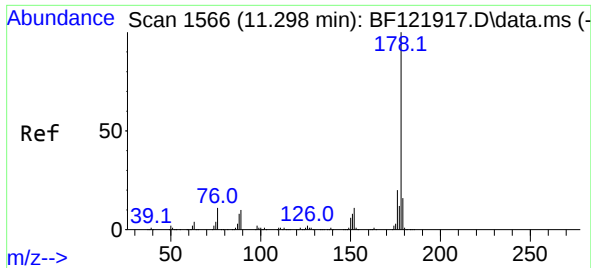
Tgt Ion:266 Resp: 197730  
Ion Ratio Lower Upper  
266 100  
268 67.0 52.4 78.6  
264 63.0 49.9 74.9



Instrument :  
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ClientSampleId :  
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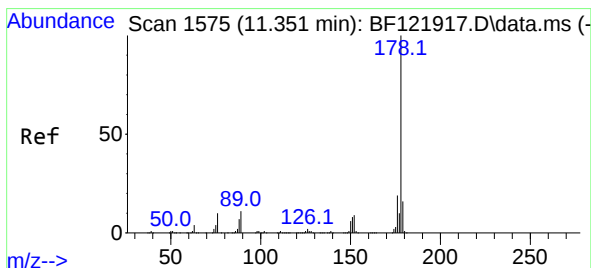
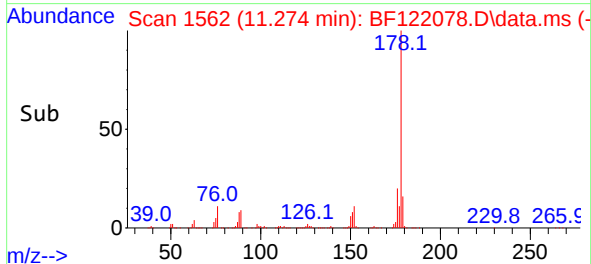
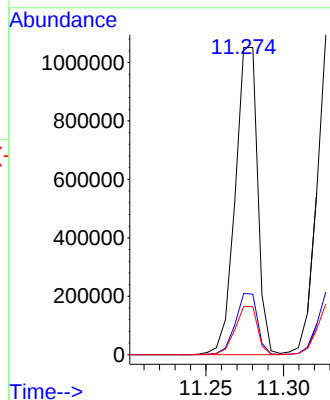
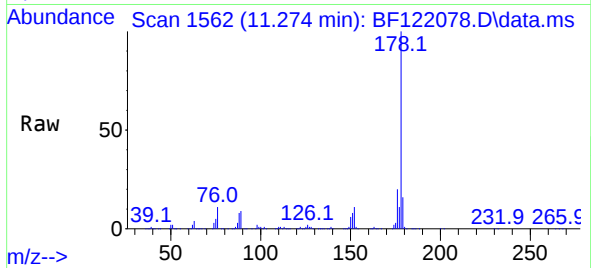
#71  
Phenanthrene  
Concen: 43.25 ng  
RT: 11.274 min Scan# 1562  
Delta R.T. -0.000 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18

Tgt Ion:178 Resp: 1055487  
Ion Ratio Lower Upper  
178 100  
176 19.9 15.9 23.9  
179 15.7 12.2 18.4

Instrument :  
BNA\_F  
ClientSampleId :  
PB132482BS

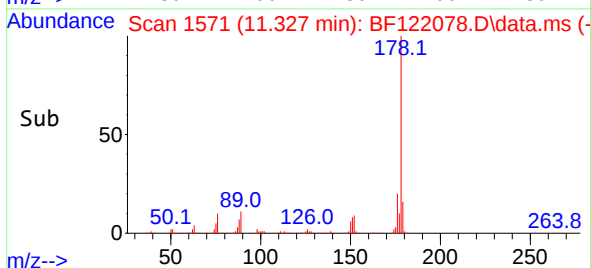
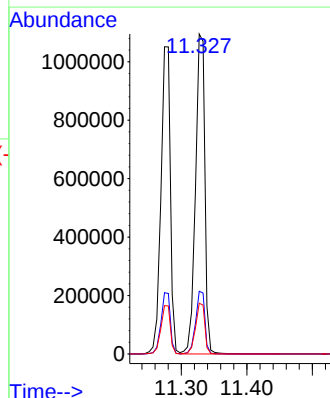
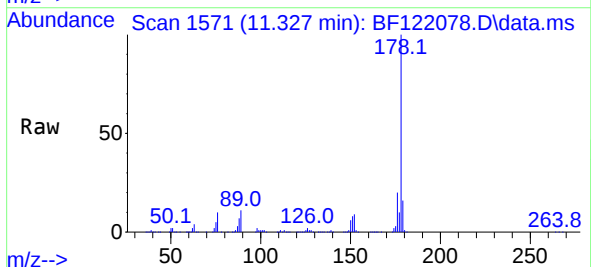
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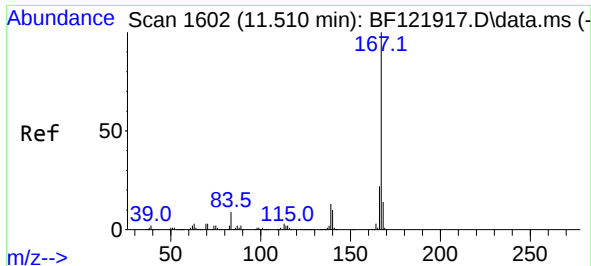
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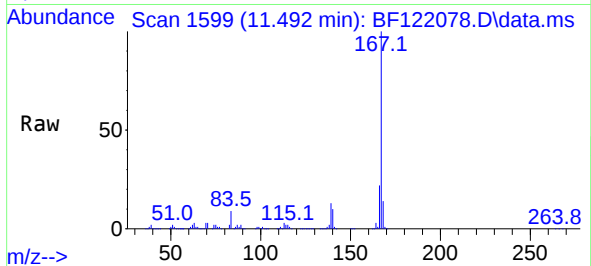
#72  
Anthracene  
Concen: 43.11 ng  
RT: 11.327 min Scan# 1571  
Delta R.T. -0.000 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18

Tgt Ion:178 Resp: 1091129  
Ion Ratio Lower Upper  
178 100  
176 19.6 15.7 23.5  
179 15.8 12.7 19.1

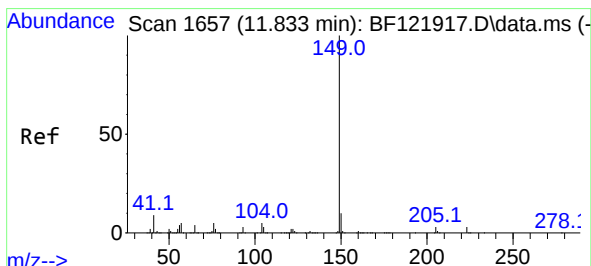
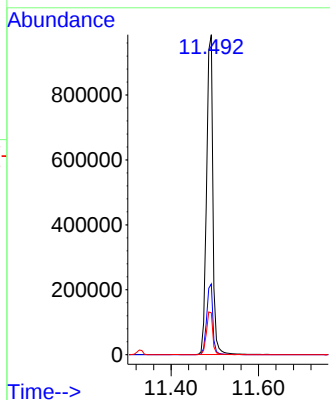
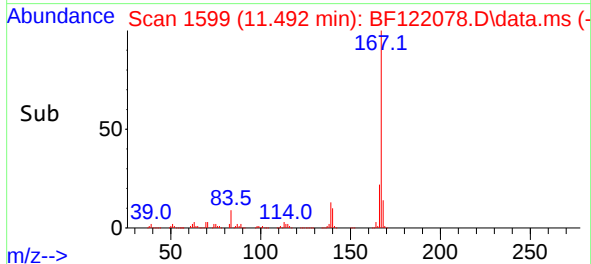




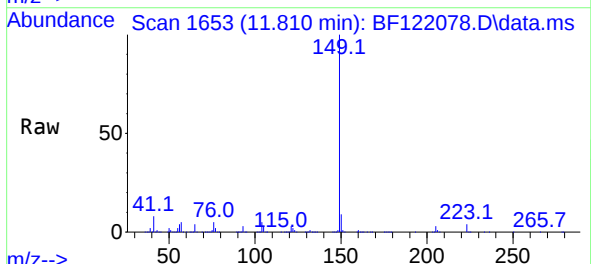
#73  
 Carbazole  
 Concen: 43.83 ng  
 RT: 11.492 min Scan# 1599  
 Delta R.T. 0.006 min  
 Lab File: BF122078.D  
 Acq: 22 Oct 2020 12:18



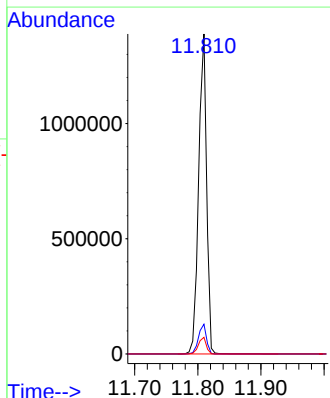
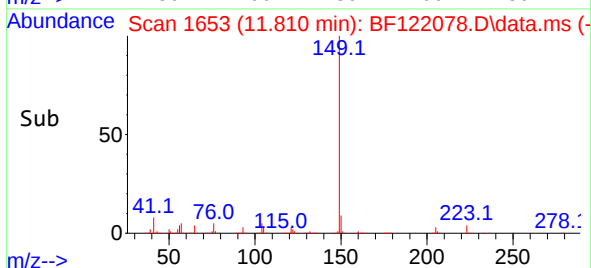
Tgt Ion:167 Resp: 986343  
 Ion Ratio Lower Upper  
 167 100  
 166 22.1 17.8 26.6  
 139 13.1 10.8 16.2



#74  
 Di-n-butylphthalate  
 Concen: 46.61 ng  
 RT: 11.810 min Scan# 1653  
 Delta R.T. -0.000 min  
 Lab File: BF122078.D  
 Acq: 22 Oct 2020 12:18



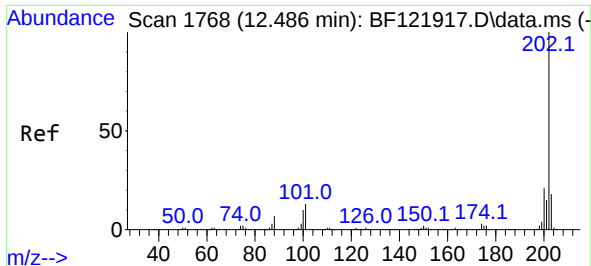
Tgt Ion:149 Resp: 1206821  
 Ion Ratio Lower Upper  
 149 100  
 150 9.3 7.7 11.5  
 104 5.2 4.2 6.2



Instrument :  
 BNA\_F  
 ClientSampleId :  
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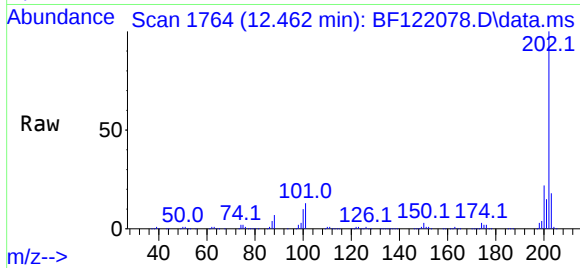
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#75  
Fluoranthene  
Concen: 44.32 ng  
RT: 12.462 min Scan# 1764  
Delta R.T. -0.000 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18

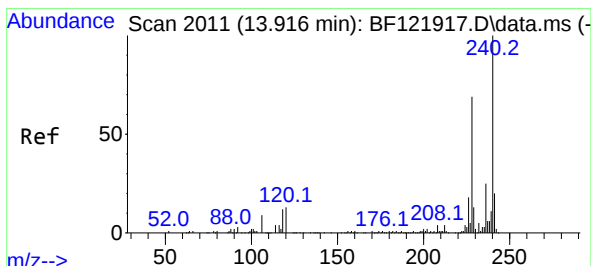
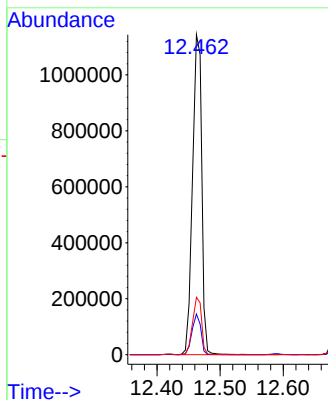
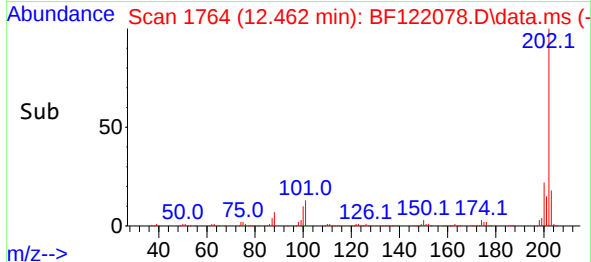
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BNA\_F  
ClientSampleId :  
PB132482BS



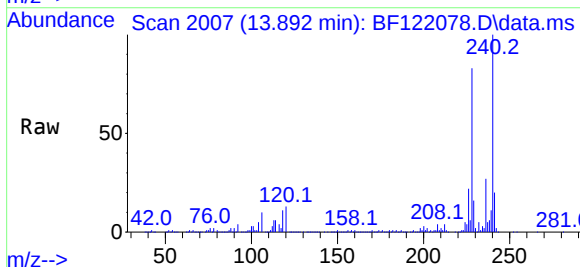
Tgt Ion:202 Resp: 1159624  
Ion Ratio Lower Upper  
202 100  
101 12.7 0.0 33.4  
203 17.9 0.0 37.9

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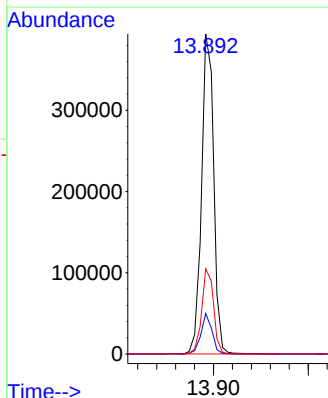
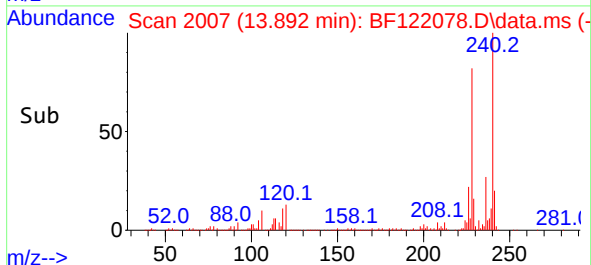
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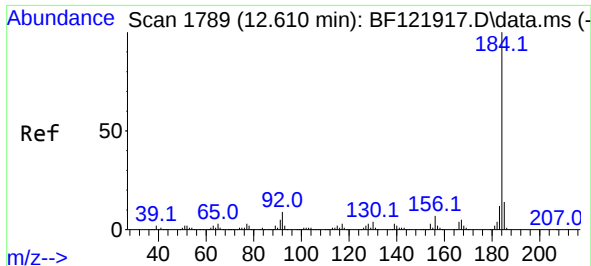


#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 13.892 min Scan# 2007  
Delta R.T. 0.006 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18



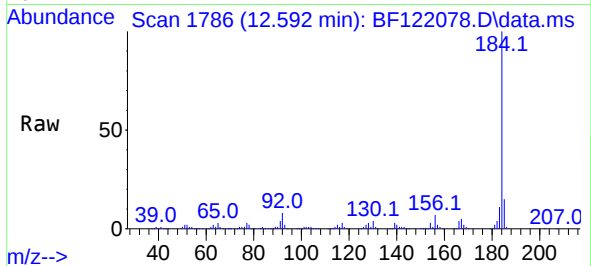
Tgt Ion:240 Resp: 350139  
Ion Ratio Lower Upper  
240 100  
120 12.7 9.2 13.8  
236 26.7 20.9 31.3





#77  
Benzidine  
Concen: 46.18 ng  
RT: 12.592 min Scan# 1786  
Delta R.T. 0.006 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18

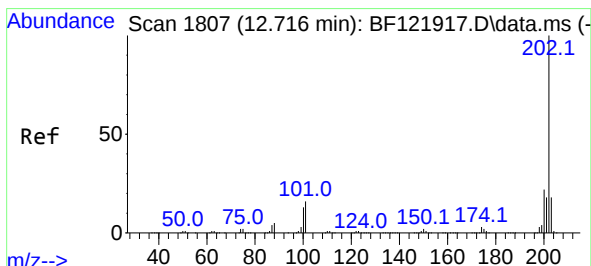
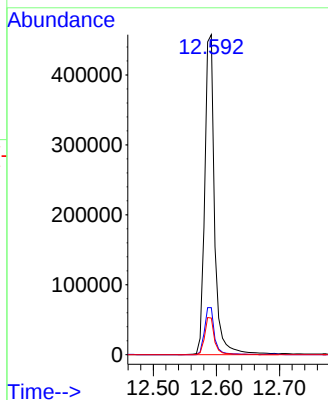
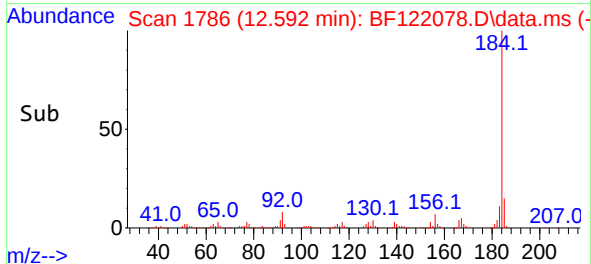
Instrument :  
BNA\_F  
ClientSampleId :  
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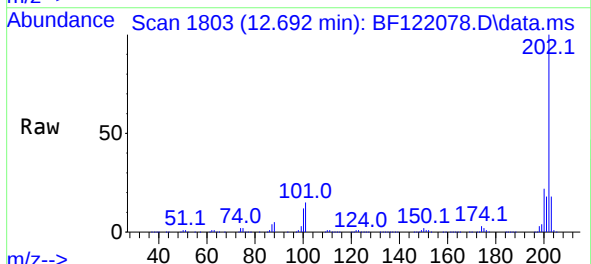
Tgt Ion:184 Resp: 498451  
Ion Ratio Lower Upper  
184 100  
185 14.7 11.6 17.4  
183 11.5 9.4 14.0

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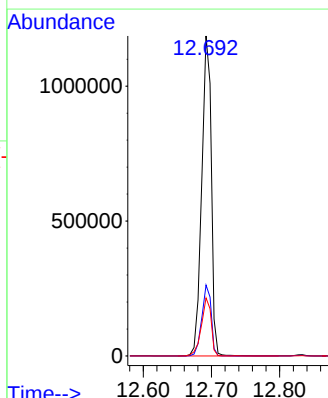
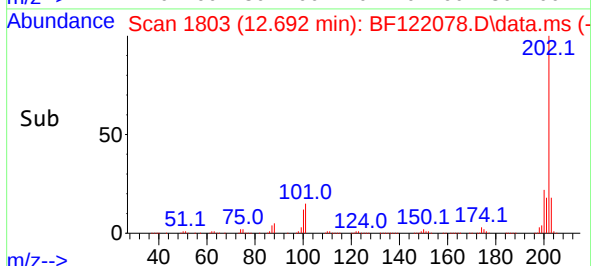
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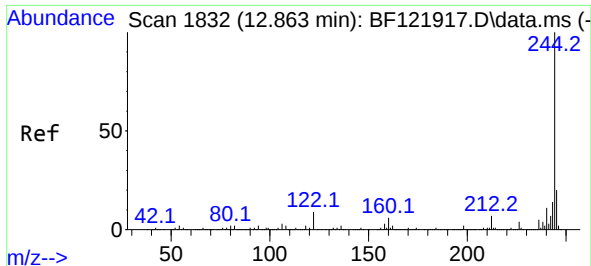


#78  
Pyrene  
Concen: 43.52 ng  
RT: 12.692 min Scan# 1803  
Delta R.T. 0.006 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18



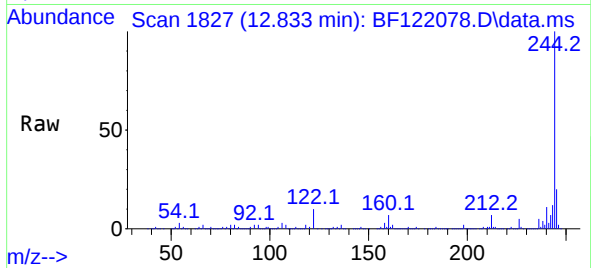
Tgt Ion:202 Resp: 1161137  
Ion Ratio Lower Upper  
202 100  
200 22.2 17.4 26.2  
203 18.1 14.6 21.8





#79  
Terphenyl-d14  
Concen: 75.46 ng  
RT: 12.833 min Scan# 1827  
Delta R.T. -0.000 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18

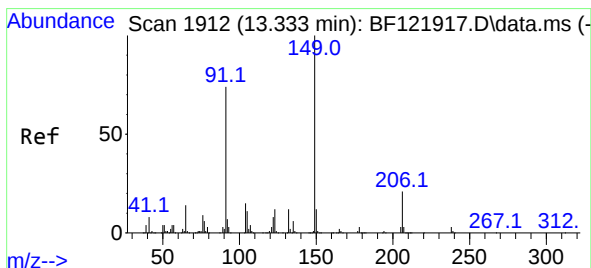
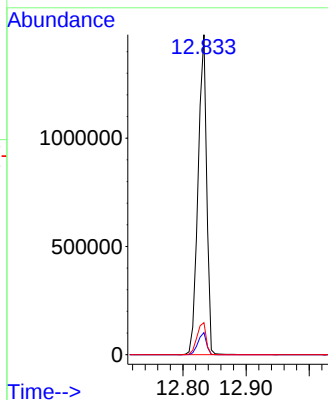
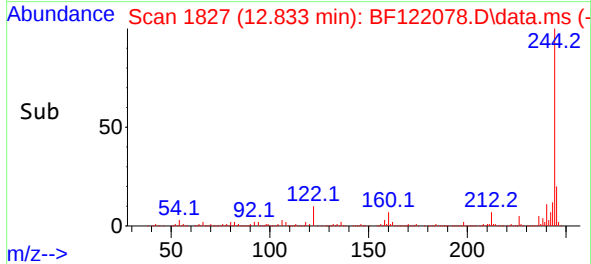
Instrument :  
BNA\_F  
ClientSampleId :  
PB132482BS



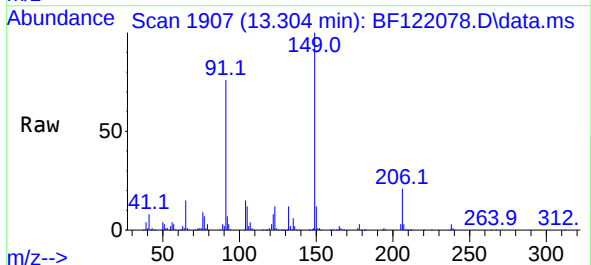
Tgt Ion:244 Resp: 1386322  
Ion Ratio Lower Upper  
244 100  
212 6.9 5.4 8.2  
122 10.0 8.1 12.1

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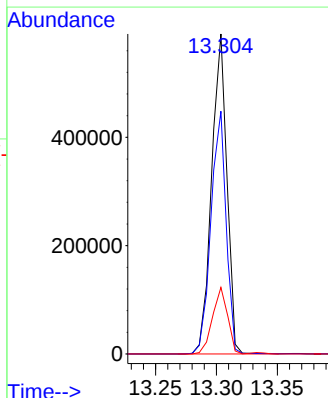
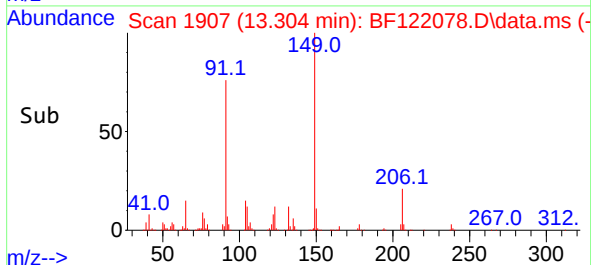
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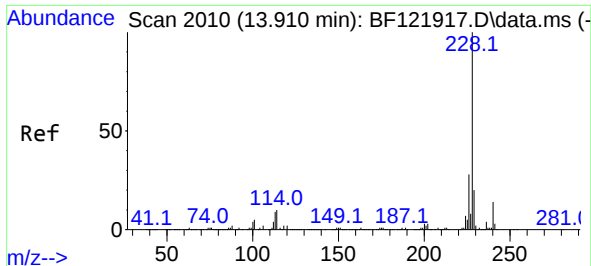


#80  
Butylbenzylphthalate  
Concen: 48.69 ng  
RT: 13.304 min Scan# 1907  
Delta R.T. -0.000 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18



Tgt Ion:149 Resp: 515244  
Ion Ratio Lower Upper  
149 100  
91 75.9 61.0 91.4  
206 20.8 16.7 25.1





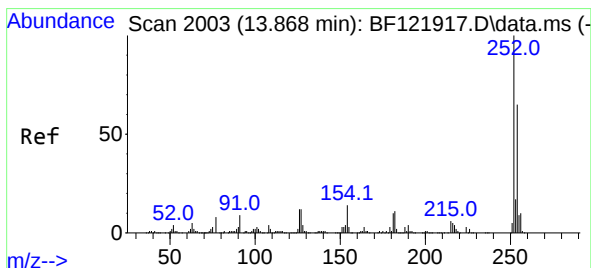
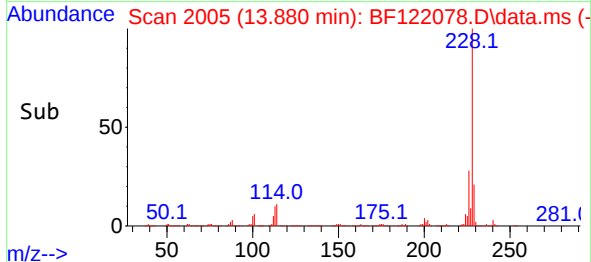
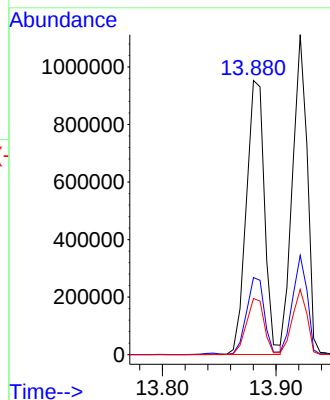
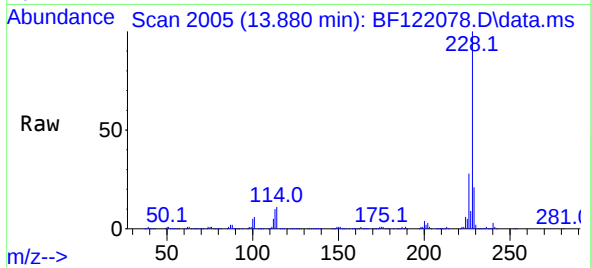
#81  
Benzo(a)anthracene  
Concen: 46.25 ng  
RT: 13.880 min Scan# 2005  
Delta R.T. -0.000 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18

Tgt Ion:228 Resp: 1061163  
Ion Ratio Lower Upper  
228 100  
226 28.1 22.3 33.5  
229 20.5 16.2 24.4

Instrument :  
BNA\_F  
ClientSampleId :  
PB132482BS

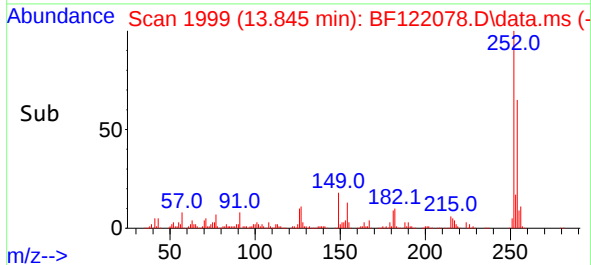
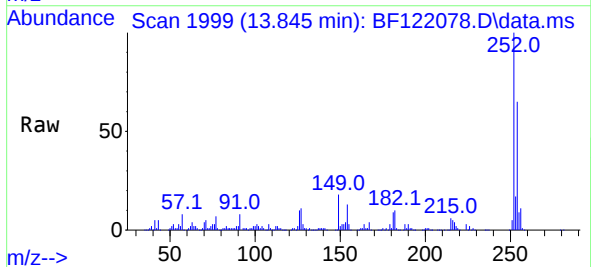
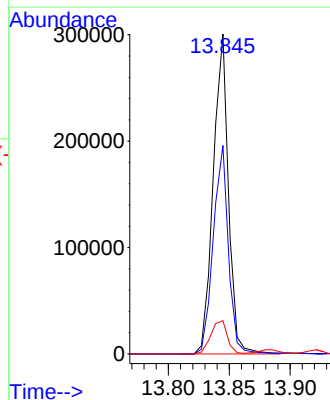
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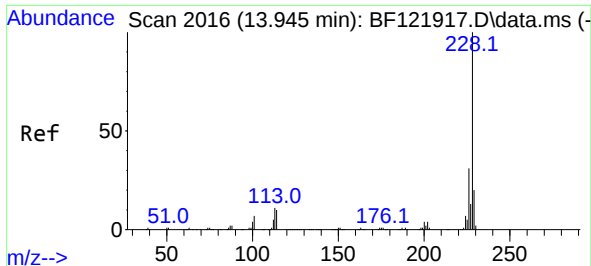
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#82  
3,3'-Dichlorobenzidine  
Concen: 30.64 ng  
RT: 13.845 min Scan# 1999  
Delta R.T. 0.006 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18

Tgt Ion:252 Resp: 260792  
Ion Ratio Lower Upper  
252 100  
254 65.2 51.8 77.6  
126 10.4 8.8 13.2





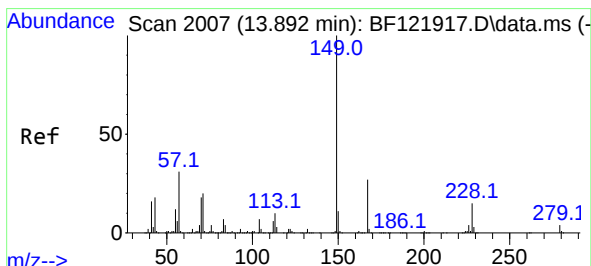
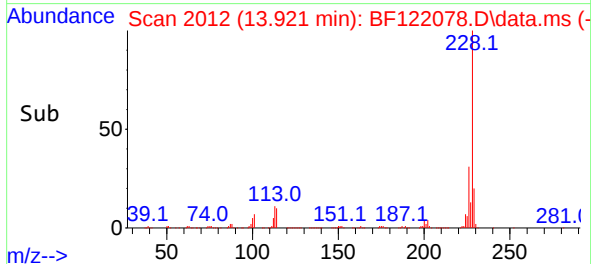
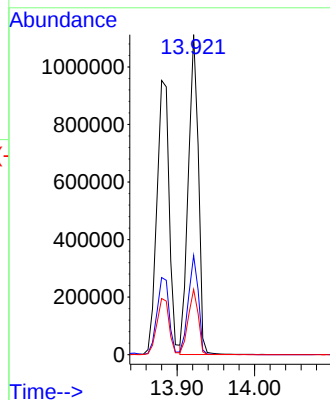
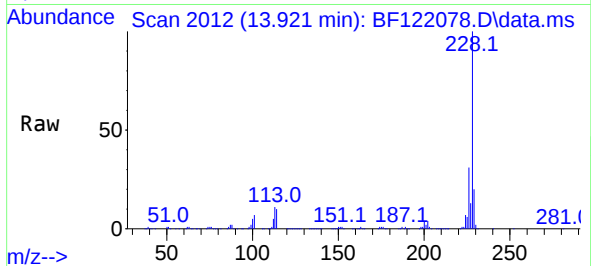
#83  
Chrysene  
Concen: 44.51 ng  
RT: 13.921 min Scan# 2012  
Delta R.T. 0.006 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18

Tgt Ion:228 Resp: 1002553  
Ion Ratio Lower Upper  
228 100  
226 31.0 24.6 37.0  
229 20.4 15.9 23.9

Instrument :  
BNA\_F  
ClientSampleId :  
PB132482BS

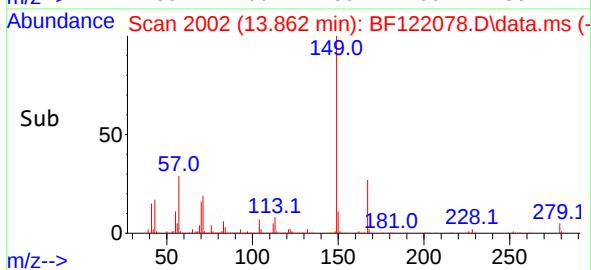
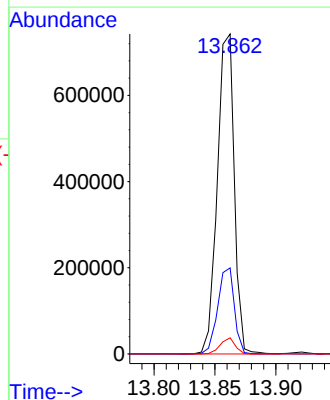
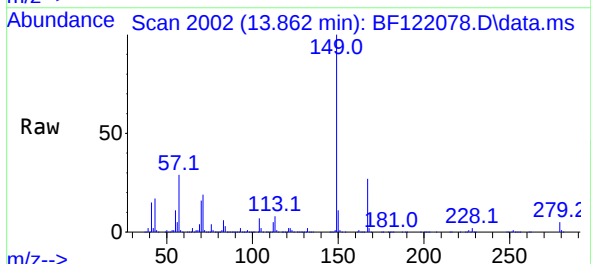
Manual Integrations  
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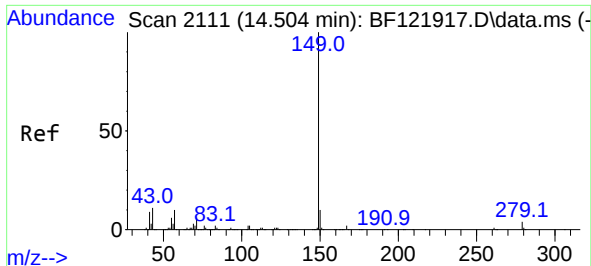
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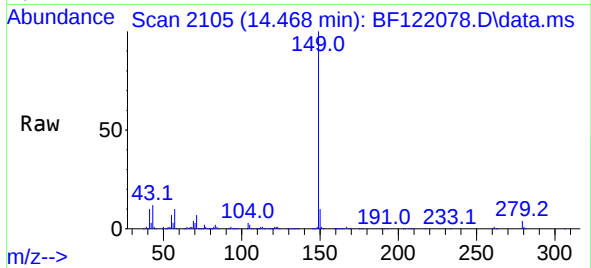
#84  
Bis(2-ethylhexyl)phthalate  
Concen: 50.15 ng  
RT: 13.862 min Scan# 2002  
Delta R.T. 0.006 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18

Tgt Ion:149 Resp: 720400  
Ion Ratio Lower Upper  
149 100  
167 26.9 20.9 31.3  
279 5.1 3.2 4.8#

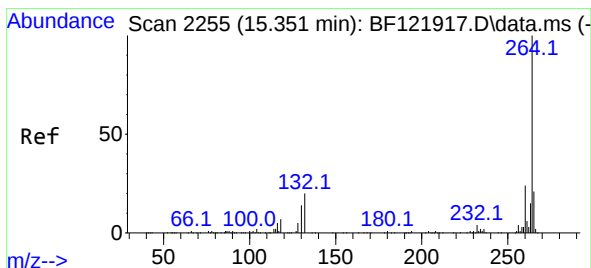
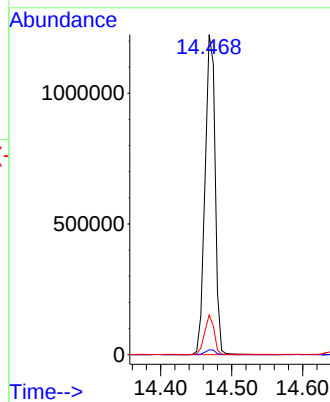
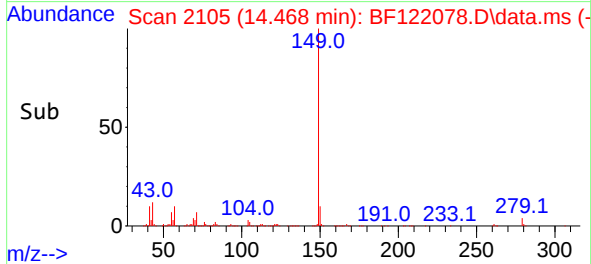




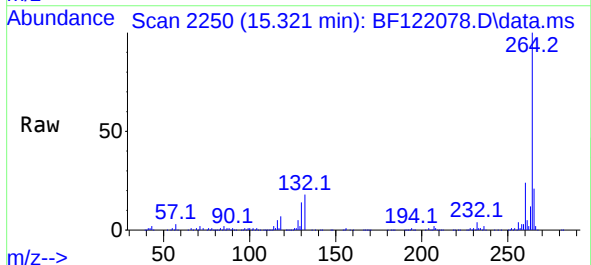
#85  
Di-n-octyl phthalate  
Concen: 52.18 ng  
RT: 14.468 min Scan# 2105  
Delta R.T. -0.000 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18



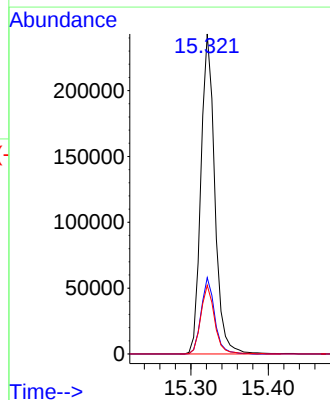
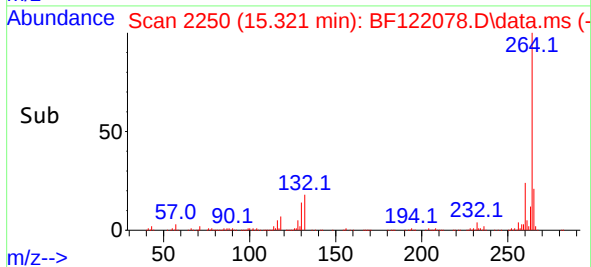
Tgt Ion:149 Resp: 1212593  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.2 1.8  
43 11.5 9.0 13.6



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.321 min Scan# 2250  
Delta R.T. 0.006 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18



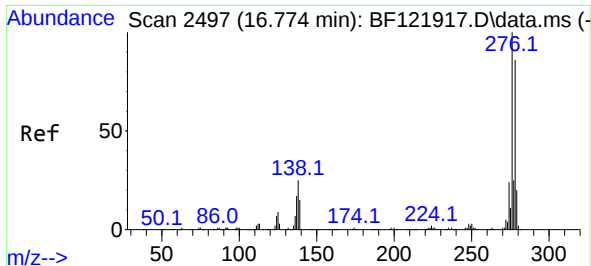
Tgt Ion:264 Resp: 301782  
Ion Ratio Lower Upper  
264 100  
260 23.8 18.7 28.1  
265 21.5 17.3 25.9



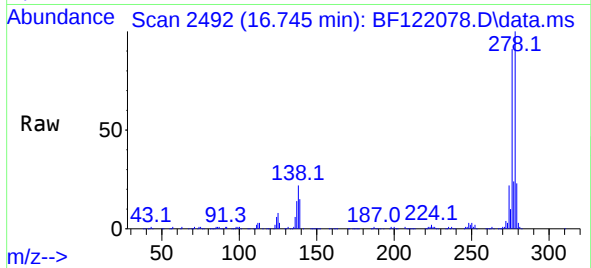
Instrument :  
BNA\_F  
ClientSampleId :  
PB132482BS

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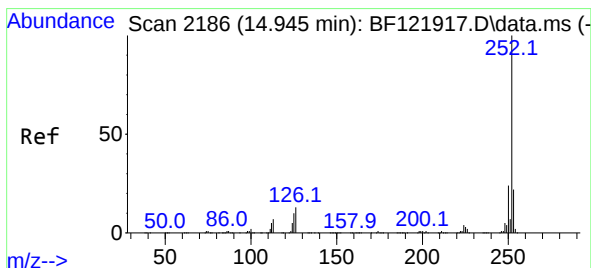
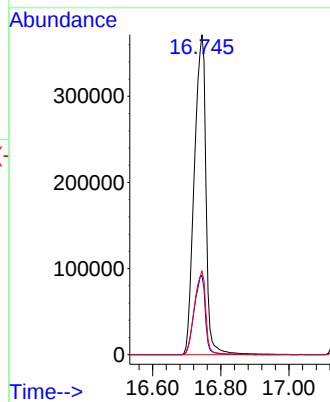
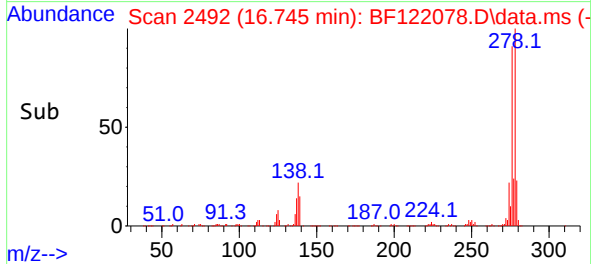
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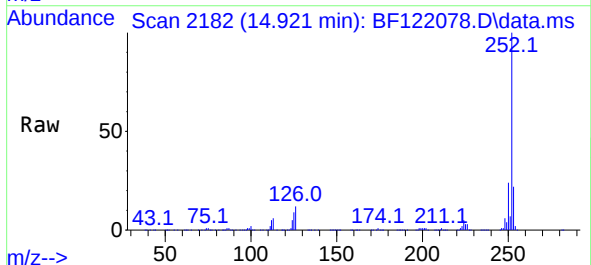
#87  
Indeno(1,2,3-cd)pyrene  
Concen: 44.86 ng  
RT: 16.745 min Scan# 2492  
Delta R.T. 0.017 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18



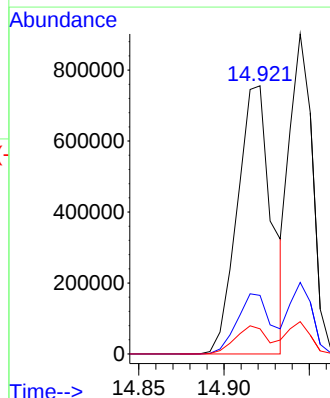
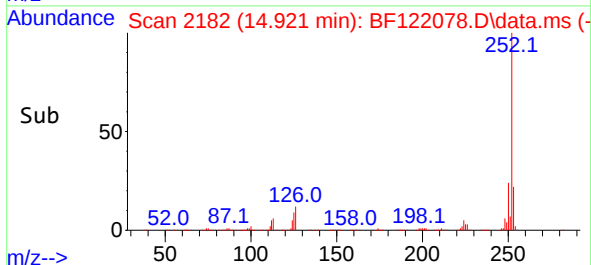
Tgt Ion: 276 Resp: 879005  
Ion Ratio Lower Upper  
276 100  
138 23.7 19.9 29.9  
277 25.4 20.4 30.6



#88  
Benzo(b)fluoranthene  
Concen: 51.73 ng  
RT: 14.921 min Scan# 2182  
Delta R.T. 0.012 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18



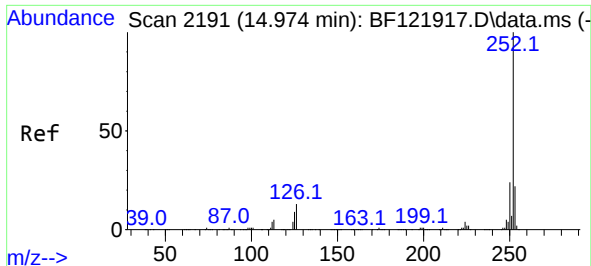
Tgt Ion: 252 Resp: 1055250  
Ion Ratio Lower Upper  
252 100  
253 21.8 18.2 27.2  
125 9.4 8.0 12.0



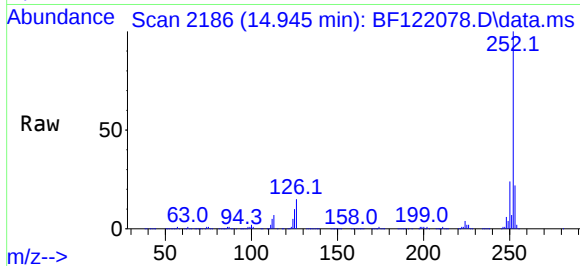
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PB132482BS

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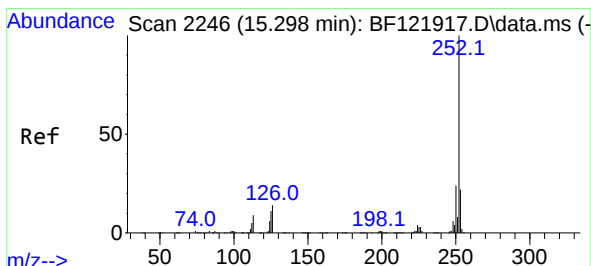
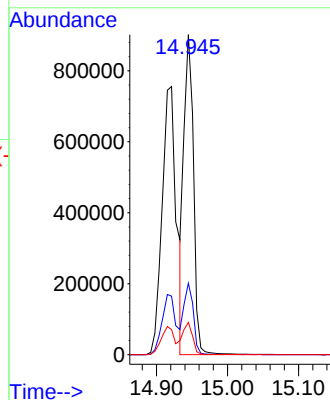
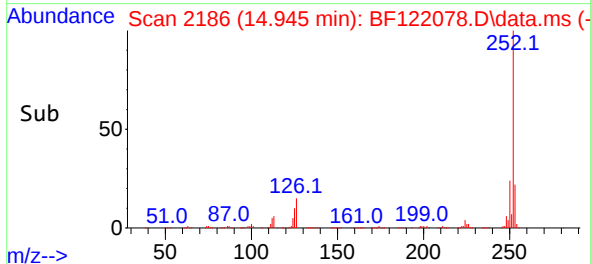
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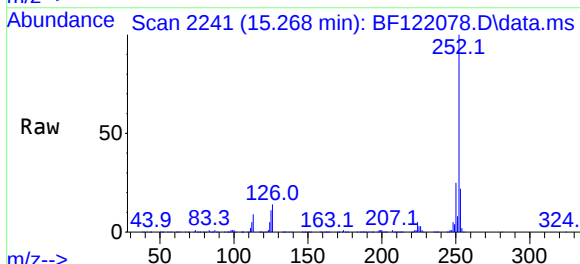
#89  
Benzo(k)fluoranthene  
Concen: 43.61 ng  
RT: 14.945 min Scan# 2186  
Delta R.T. 0.012 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18



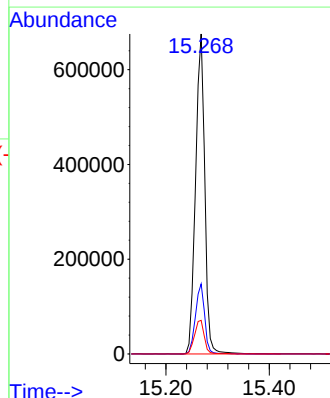
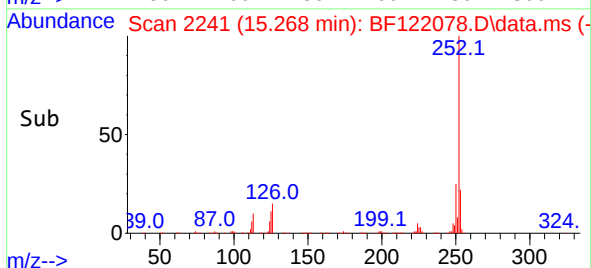
Tgt Ion:252 Resp: 845138  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.8 26.6  
125 10.1 7.7 11.5



#90  
Benzo(a)pyrene  
Concen: 47.49 ng  
RT: 15.268 min Scan# 2241  
Delta R.T. 0.011 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18



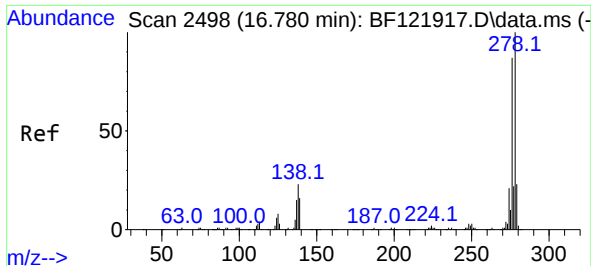
Tgt Ion:252 Resp: 836645  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.3 25.9  
125 10.5 8.6 13.0



Instrument :  
BNA\_F  
ClientSampleId :  
PB132482BS

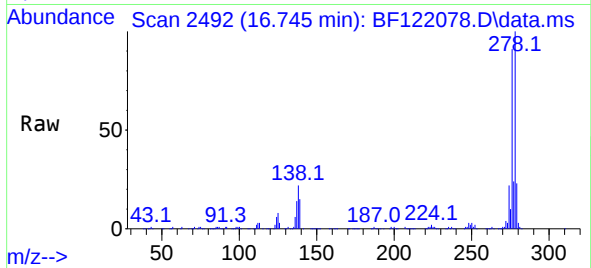
Manual Integrations  
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#91  
Dibenzo(a,h)anthracene  
Concen: 45.64 ng  
RT: 16.745 min Scan# 2492  
Delta R.T. 0.017 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18

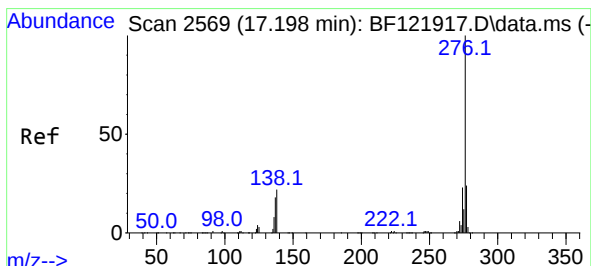
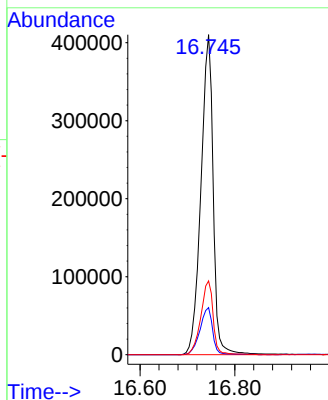
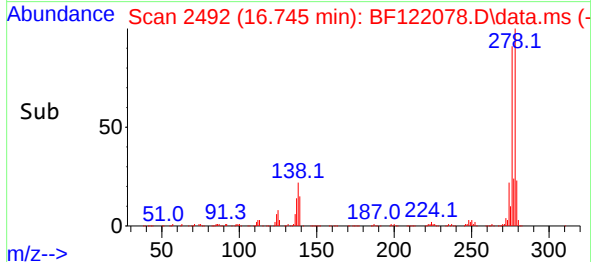
Instrument :  
BNA\_F  
ClientSampleId :  
PB132482BS



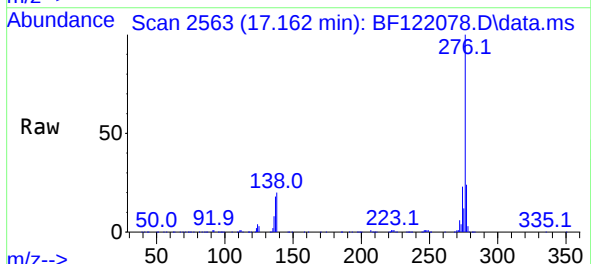
Tgt Ion:278 Resp: 736409  
Ion Ratio Lower Upper  
278 100  
139 14.7 13.0 19.4  
279 23.1 19.0 28.4

Manual Integrations  
APPROVED

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#92  
Benzo(g,h,i)perylene  
Concen: 44.46 ng  
RT: 17.162 min Scan# 2563  
Delta R.T. 0.023 min  
Lab File: BF122078.D  
Acq: 22 Oct 2020 12:18



Tgt Ion:276 Resp: 717930  
Ion Ratio Lower Upper  
276 100  
277 23.9 19.4 29.2  
138 20.3 17.8 26.6

