

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF120120\  
 Data File : BF122523.D  
 Acq On : 1 Dec 2020 15:39  
 Operator : JU/CG  
 Sample : L4906-01MS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 4-DRUMMS

Quant Time: Dec 01 16:11:09 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF110920.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 24 14:38:56 2020  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.857  | 152  | 204573   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.145  | 136  | 792757   | 20.00 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.904  | 164  | 423774   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.386 | 188  | 787179   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.033 | 240  | 659513   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12              | 15.504 | 264  | 554173   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 5) 2-Fluorophenol             | 5.481  | 112  | 1047465  | 78.62 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.492  | 99   | 1339636  | 76.86 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.422  | 82   | 836728   | 64.62 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.692 | 330  | 451346   | 99.23 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.222  | 172  | 1558736  | 57.47 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.974 | 244  | 1719242  | 55.23 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.657  | 88   | 213404   | 34.93 | ng    | 88       |
| 3) Pyridine                   | 3.404  | 79   | 604930   | 36.00 | ng    | 86       |
| 4) n-Nitrosodimethylamine     | 3.363  | 42   | 278402   | 35.14 | ng    | 87       |
| 6) Aniline                    | 6.522  | 93   | 709096   | 31.01 | ng    | 96       |
| 8) 2-Chlorophenol             | 6.645  | 128  | 630944   | 45.67 | ng    | 89       |
| 9) Benzaldehyde               | 6.404  | 77   | 371320   | 40.37 | ng    | 97       |
| 10) Phenol                    | 6.510  | 94   | 791803   | 46.13 | ng    | 89       |
| 11) bis(2-Chloroethyl)ether   | 6.592  | 93   | 578816   | 42.43 | ng    | 93       |
| 12) 1,3-Dichlorobenzene       | 6.798  | 146  | 671621   | 42.82 | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.875  | 146  | 678055   | 43.03 | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 7.028  | 146  | 657654   | 44.72 | ng    | 99       |
| 15) Benzyl Alcohol            | 7.004  | 79   | 507787   | 40.98 | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.134  | 45   | 776655   | 39.06 | ng    | 93       |
| 17) 2-Methylphenol            | 7.116  | 107  | 506050   | 43.88 | ng    | 98       |
| 18) Hexachloroethane          | 7.375  | 117  | 240468   | 43.82 | ng    | 90       |
| 19) n-Nitroso-di-n-propyla... | 7.275  | 70   | 404937   | 38.88 | ng    | 94       |
| 20) 3+4-Methylphenols         | 7.269  | 107  | 589366   | 41.53 | ng    | 98       |
| 22) Acetophenone              | 7.269  | 105  | 776297   | 37.59 | ng    | 94       |
| 24) Nitrobenzene              | 7.439  | 77   | 640478   | 43.23 | ng    | 97       |
| 25) Isophorone                | 7.681  | 82   | 1137279  | 39.39 | ng    | 97       |
| 26) 2-Nitrophenol             | 7.757  | 139  | 330815   | 50.94 | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 7.798  | 122  | 543749   | 39.93 | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.892  | 93   | 723005   | 40.95 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.004  | 162  | 538720   | 44.69 | ng    | 95       |
| 30) 1,2,4-Trichlorobenzene    | 8.086  | 180  | 563010   | 42.31 | ng    | 98       |
| 31) Naphthalene               | 8.169  | 128  | 1734889  | 41.16 | ng    | 99       |
| 32) Benzoic acid              | 7.910  | 122  | 155880   | 25.21 | ng    | 96       |
| 33) 4-Chloroaniline           | 8.210  | 127  | 362825   | 19.77 | ng    | 97       |
| 34) Hexachlorobutadiene       | 8.286  | 225  | 332585   | 43.49 | ng    | 98       |
| 36) 4-Chloro-3-methylphenol   | 8.704  | 107  | 561129   | 44.63 | ng    | 96       |
| 37) 2-Methylnaphthalene       | 8.857  | 142  | 1182053  | 42.45 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.957  | 142  | 1091312  | 41.87 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.028  | 216  | 554413   | 42.46 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.016  | 237  | 605558   | 79.31 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.139  | 196  | 384951   | 45.39 | ng    | 99       |
| 44) 2,4,5-Trichlorophenol     | 9.181  | 196  | 423421   | 47.63 | ng    | 97       |

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 Sample : L4906-01MS  
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 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
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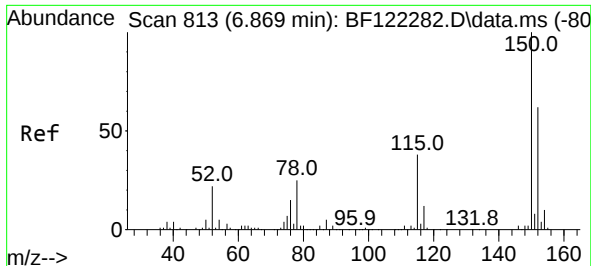
Quant Time: Dec 01 16:11:09 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF110920.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 24 14:38:56 2020  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 46) 1,1'-Biphenyl             | 9.322  | 154  | 1382378  | 40.98 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 9.345  | 162  | 1126086  | 42.06 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.445  | 65   | 345589   | 43.83 | ng #  | 83       |
| 49) Acenaphthylene            | 9.763  | 152  | 1748574  | 42.49 | ng    | 99       |
| 50) Dimethylphthalate         | 9.628  | 163  | 1511936  | 50.19 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.686  | 165  | 309921   | 46.37 | ng #  | 83       |
| 52) Acenaphthene              | 9.939  | 154  | 1049018  | 41.19 | ng    | 100      |
| 53) 3-Nitroaniline            | 9.851  | 138  | 212629   | 29.34 | ng    | 96       |
| 54) 2,4-Dinitrophenol         | 9.963  | 184  | 232469   | 81.63 | ng    | 95       |
| 55) Dibenzofuran              | 10.110 | 168  | 1589867  | 42.60 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.028 | 139  | 521774   | 79.46 | ng    | 95       |
| 57) 2,4-Dinitrotoluene        | 10.092 | 165  | 420156   | 49.57 | ng #  | 84       |
| 58) Fluorene                  | 10.451 | 166  | 1237826  | 43.32 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.227 | 232  | 364984   | 49.37 | ng    | 96       |
| 60) Diethylphthalate          | 10.322 | 149  | 1288311  | 43.60 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.439 | 204  | 594196   | 44.05 | ng    | 96       |
| 62) 4-Nitroaniline            | 10.475 | 138  | 332576   | 44.77 | ng    | 96       |
| 63) Azobenzene                | 10.604 | 77   | 1237398  | 39.92 | ng    | 93       |
| 65) 4,6-Dinitro-2-methylph... | 10.498 | 198  | 193338   | 54.07 | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 10.563 | 169  | 1122788  | 41.86 | ng    | 94       |
| 67) 4-Bromophenyl-phenylether | 10.933 | 248  | 412299   | 44.57 | ng    | 98       |
| 68) Hexachlorobenzene         | 11.004 | 284  | 453424   | 45.37 | ng #  | 93       |
| 69) Atrazine                  | 11.092 | 200  | 333343   | 49.91 | ng    | 97       |
| 70) Pentachlorophenol         | 11.198 | 266  | 495702   | 86.09 | ng    | 99       |
| 71) Phenanthrene              | 11.416 | 178  | 1967025  | 44.04 | ng    | 98       |
| 72) Anthracene                | 11.469 | 178  | 1910663  | 41.51 | ng    | 99       |
| 73) Carbazole                 | 11.622 | 167  | 1769898  | 42.27 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.951 | 149  | 2004726  | 44.91 | ng    | 100      |
| 75) Fluoranthene              | 12.604 | 202  | 2225833  | 47.74 | ng    | 99       |
| 77) Benzidine                 | 12.721 | 184  | 964103   | 52.71 | ng    | 99       |
| 78) Pyrene                    | 12.833 | 202  | 2214603  | 47.80 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.451 | 149  | 844846   | 45.64 | ng    | 94       |
| 81) Benzo(a)anthracene        | 14.021 | 228  | 1797562  | 43.83 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.986 | 252  | 479451   | 31.37 | ng    | 99       |
| 83) Chrysene                  | 14.063 | 228  | 1784720  | 43.20 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.010 | 149  | 1145327  | 51.27 | ng    | 97       |
| 85) Di-n-octyl phthalate      | 14.621 | 149  | 1966799  | 51.95 | ng    | 96       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.980 | 276  | 1602280  | 48.19 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.074 | 252  | 1771937  | 49.37 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.110 | 252  | 1485783  | 42.45 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.445 | 252  | 1378857  | 44.07 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 16.998 | 278  | 1307523  | 46.95 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.427 | 276  | 1356174  | 50.07 | ng    | 99       |

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

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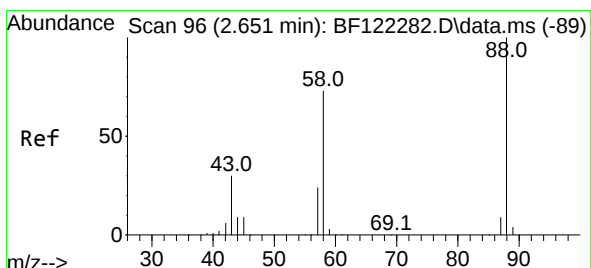
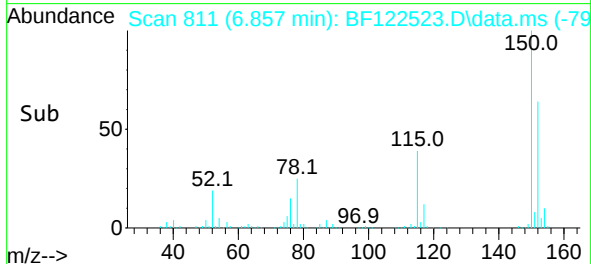
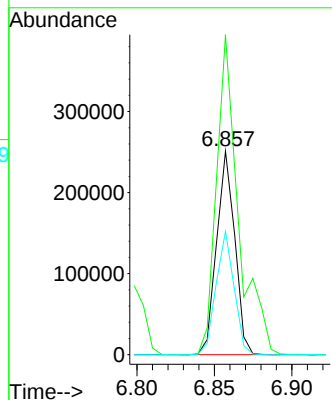
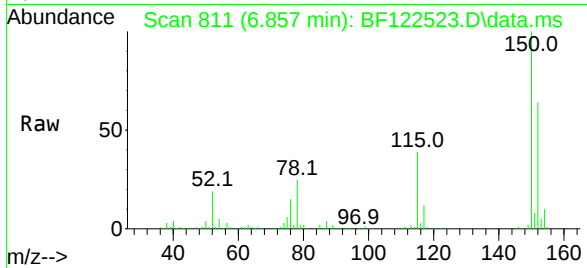




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 6.857 min Scan# 811  
 Delta R.T. 0.000 min  
 Lab File: BF122523.D  
 Acq: 1 Dec 2020 15:39

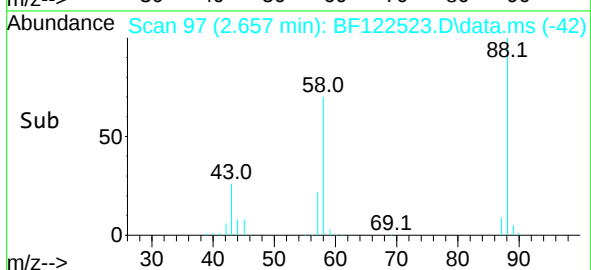
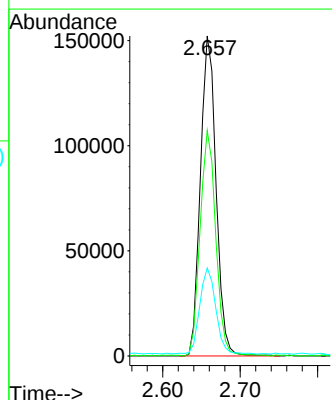
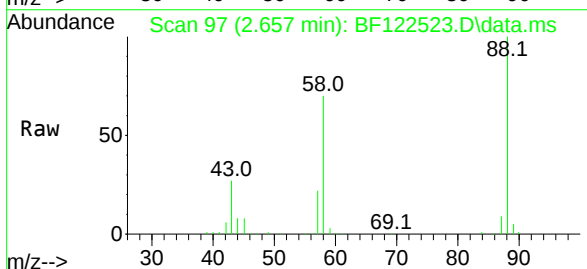
Instrument :  
 BNA\_F  
 ClientSampleId :  
 4-DRUMMS

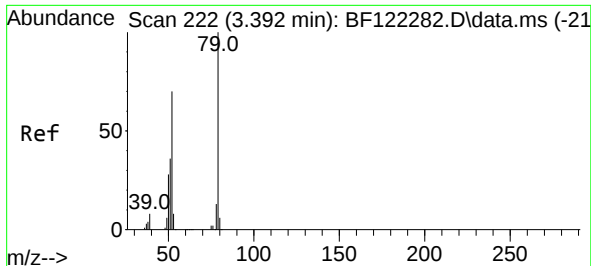
Tgt Ion:152 Resp: 204573  
 Ion Ratio Lower Upper  
 152 100  
 150 157.3 125.3 187.9  
 115 60.6 51.9 77.9



#2  
 1,4-Dioxane  
 Concen: 34.93 ng  
 RT: 2.657 min Scan# 97  
 Delta R.T. 0.023 min  
 Lab File: BF122523.D  
 Acq: 1 Dec 2020 15:39

Tgt Ion: 88 Resp: 213404  
 Ion Ratio Lower Upper  
 88 100  
 58 70.7 65.8 98.8  
 43 27.4 25.8 38.8

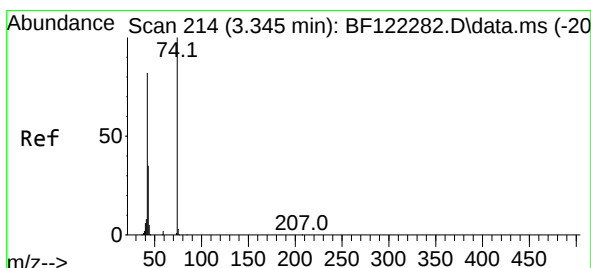
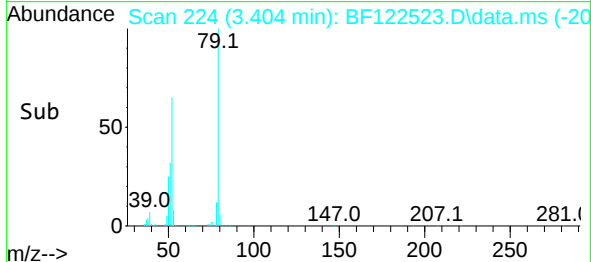
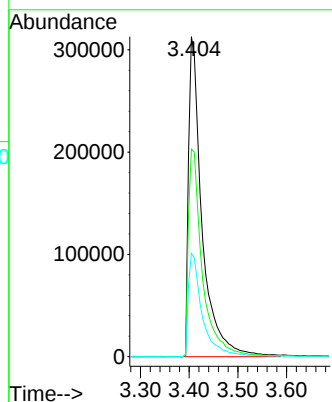
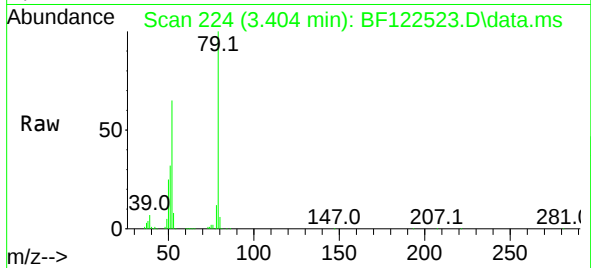




#3  
Pyridine  
Concen: 36.00 ng  
RT: 3.404 min Scan# 224  
Delta R.T. 0.023 min  
Lab File: BF122523.D  
Acq: 1 Dec 2020 15:39

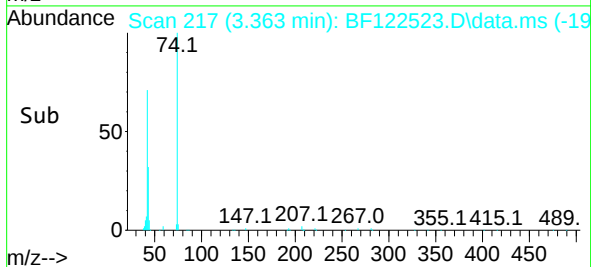
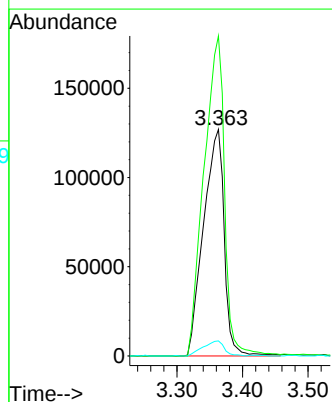
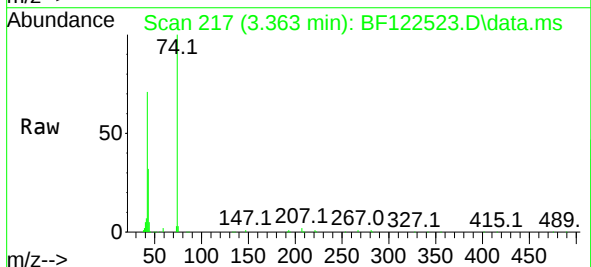
Instrument :  
BNA\_F  
ClientSampleId :  
4-DRUMMS

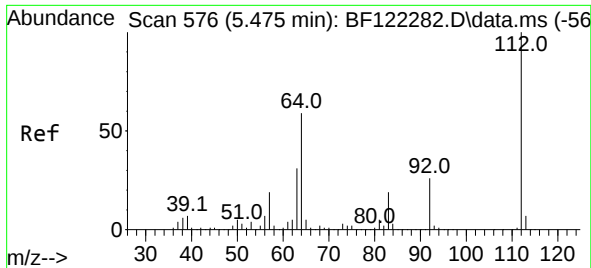
Tgt Ion: 79 Resp: 604930  
Ion Ratio Lower Upper  
79 100  
52 64.9 62.2 93.4  
51 32.3 31.1 46.7



#4  
n-Nitrosodimethylamine  
Concen: 35.14 ng  
RT: 3.363 min Scan# 217  
Delta R.T. 0.023 min  
Lab File: BF122523.D  
Acq: 1 Dec 2020 15:39

Tgt Ion: 42 Resp: 278402  
Ion Ratio Lower Upper  
42 100  
74 141.3 100.2 150.2  
44 6.6 5.8 8.6

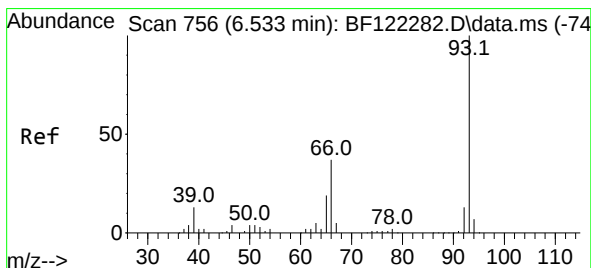
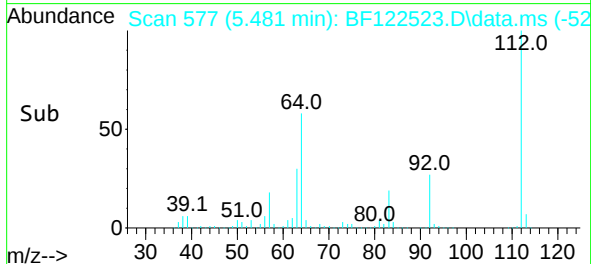
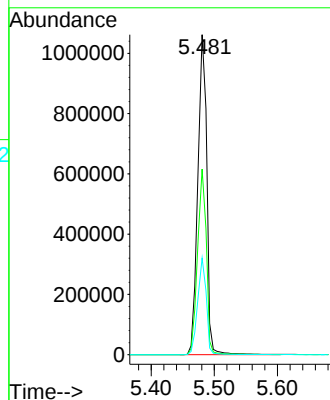
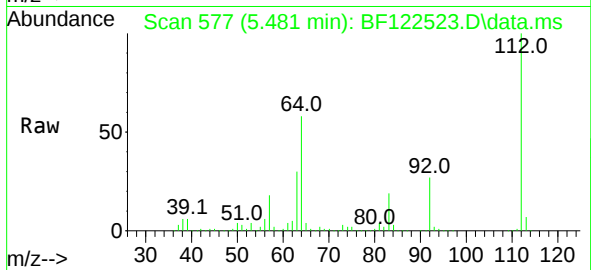




#5  
2-Fluorophenol  
Concen: 78.62 ng  
RT: 5.481 min Scan# 577  
Delta R.T. -0.000 min  
Lab File: BF122523.D  
Acq: 1 Dec 2020 15:39

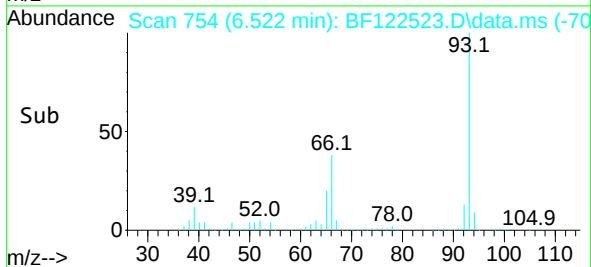
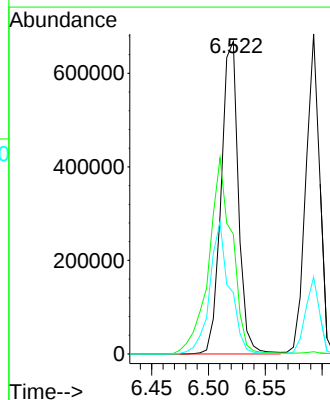
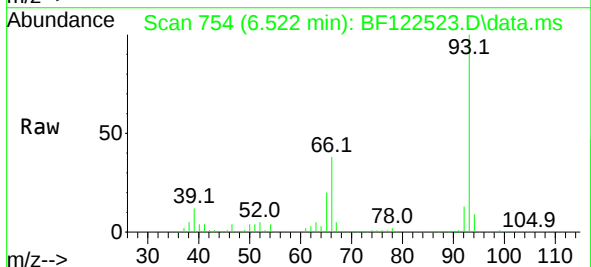
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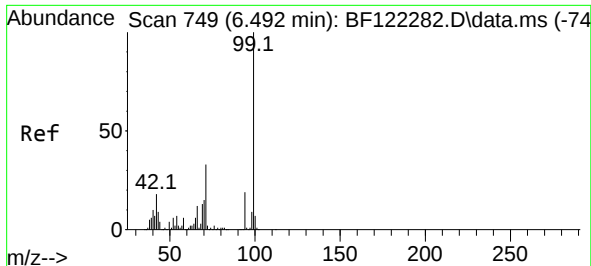
Tgt Ion:112 Resp: 1047465  
Ion Ratio Lower Upper  
112 100  
64 58.0 50.4 75.6  
63 30.2 25.8 38.6



#6  
Aniline  
Concen: 31.01 ng  
RT: 6.522 min Scan# 754  
Delta R.T. -0.000 min  
Lab File: BF122523.D  
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Tgt Ion: 93 Resp: 709096  
Ion Ratio Lower Upper  
93 100  
66 38.4 32.7 49.1  
65 19.6 16.6 24.8



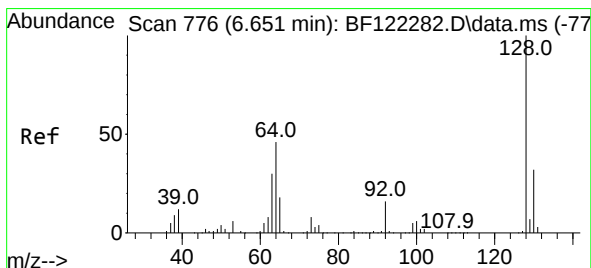
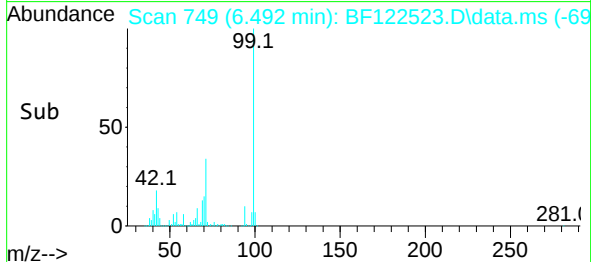
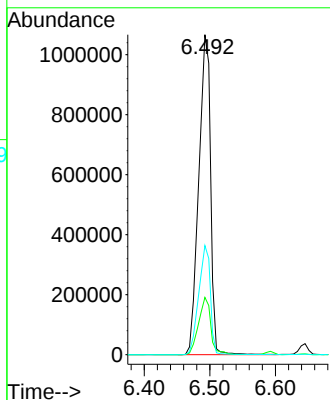
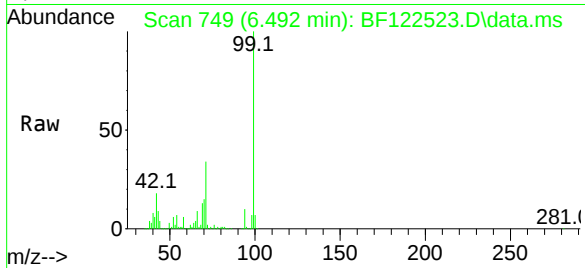


#7  
Phenol-d6  
Concen: 76.86 ng  
RT: 6.492 min Scan# 749  
Delta R.T. -0.006 min  
Lab File: BF122523.D  
Acq: 1 Dec 2020 15:39

Instrument :  
BNA\_F  
ClientSampleId :  
4-DRUMMS

Tgt Ion: 99 Resp: 1339636  

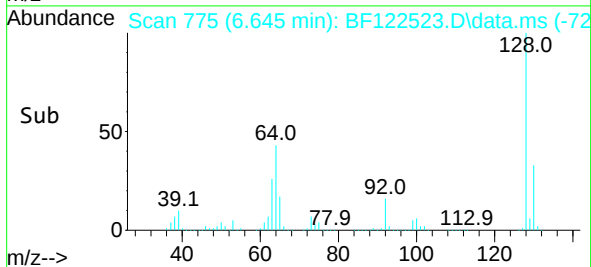
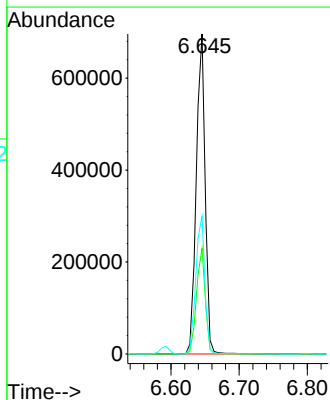
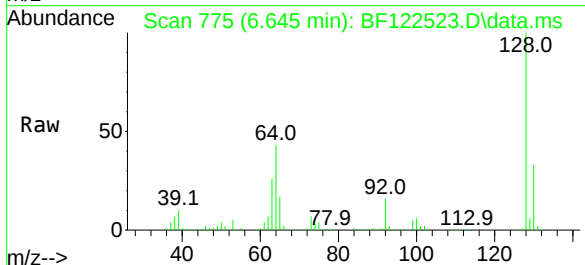
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|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 17.9  | 15.9  | 23.9  |
| 71  | 34.1  | 27.1  | 40.7  |

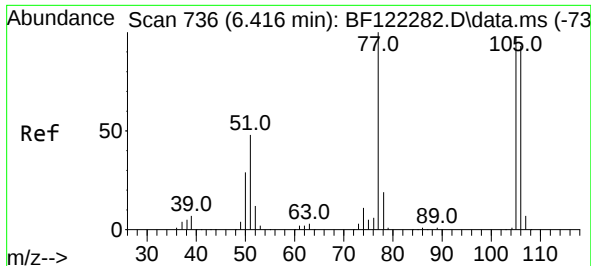


#8  
2-Chlorophenol  
Concen: 45.67 ng  
RT: 6.645 min Scan# 775  
Delta R.T. -0.000 min  
Lab File: BF122523.D  
Acq: 1 Dec 2020 15:39

Tgt Ion:128 Resp: 630944  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 33.0  | 12.4  | 52.4  |
| 64  | 43.0  | 34.8  | 74.8  |



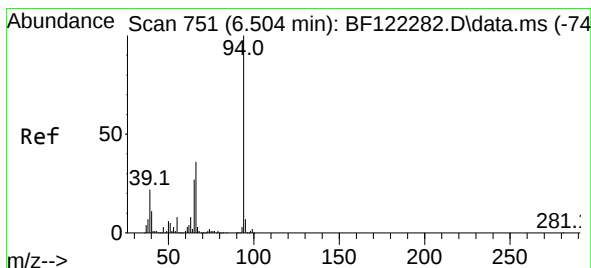
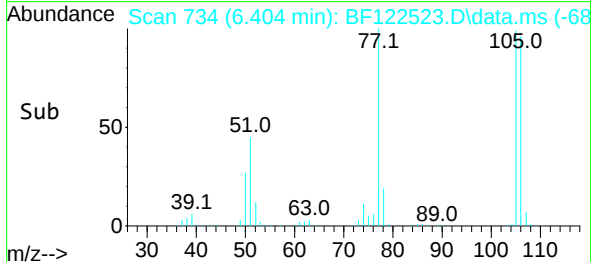
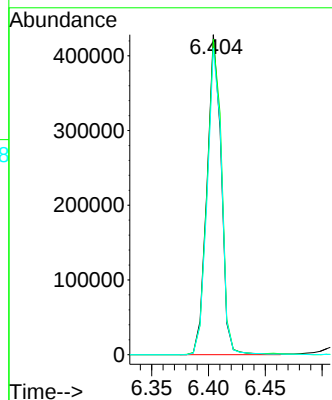
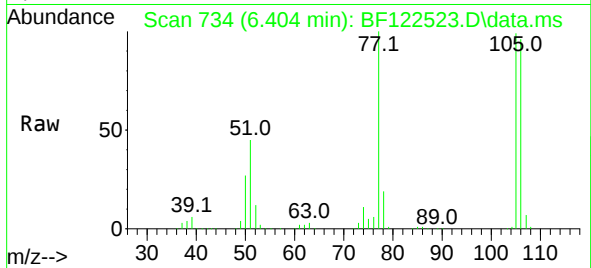


#9  
Benzaldehyde  
Concen: 40.37 ng  
RT: 6.404 min Scan# 734  
Delta R.T. -0.000 min  
Lab File: BF122523.D  
Acq: 1 Dec 2020 15:39

Instrument :  
BNA\_F  
ClientSampleId :  
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Tgt Ion: 77 Resp: 371320

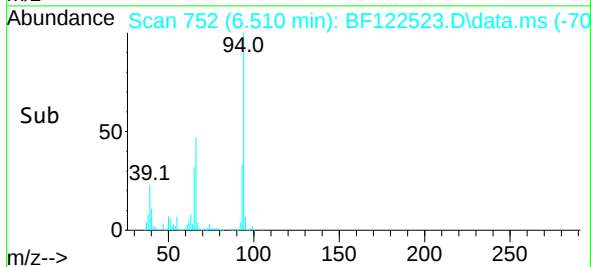
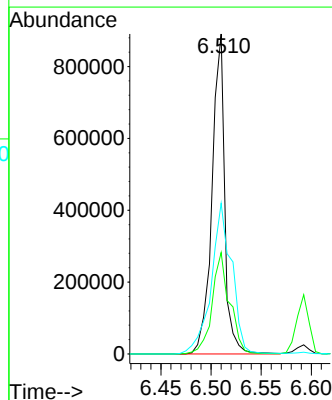
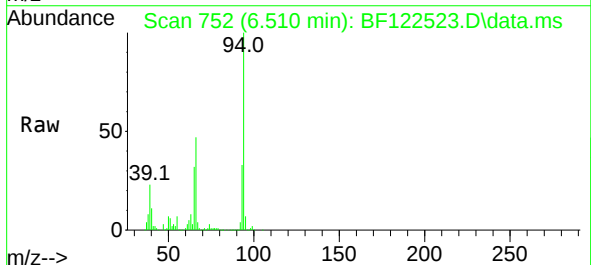
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 105 | 98.6  | 76.7  | 116.7 |
| 106 | 95.7  | 71.3  | 111.3 |

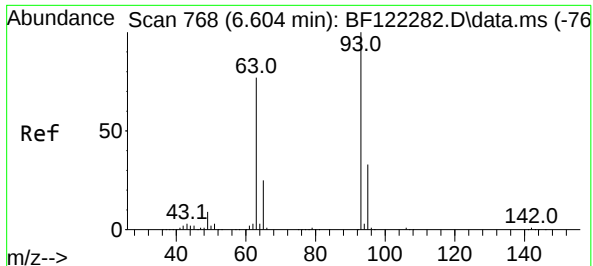


#10  
Phenol  
Concen: 46.13 ng  
RT: 6.510 min Scan# 752  
Delta R.T. -0.000 min  
Lab File: BF122523.D  
Acq: 1 Dec 2020 15:39

Tgt Ion: 94 Resp: 791803

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 94  | 100   |       |       |
| 65  | 31.7  | 17.1  | 57.1  |
| 66  | 47.1  | 36.0  | 76.0  |





#11

bis(2-Chloroethyl)ether

Concen: 42.43 ng

RT: 6.592 min Scan# 766

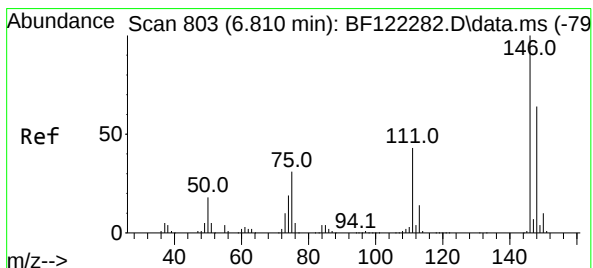
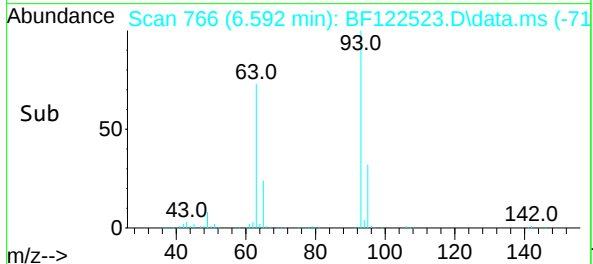
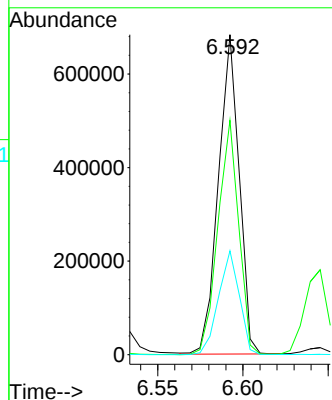
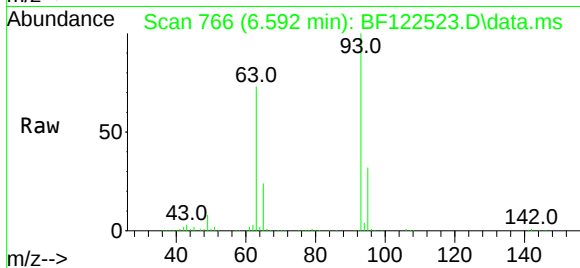
Delta R.T. -0.006 min

Lab File: BF122523.D

Acq: 1 Dec 2020 15:39

Tgt Ion: 93 Resp: 578816

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 63  | 73.2  | 62.4  | 102.4 |
| 95  | 32.4  | 12.6  | 52.6  |



#12

1,3-Dichlorobenzene

Concen: 42.82 ng

RT: 6.798 min Scan# 801

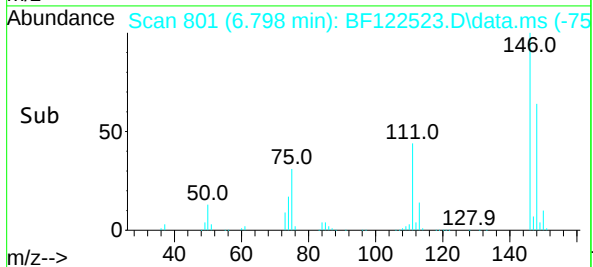
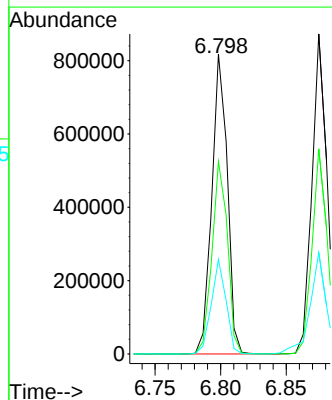
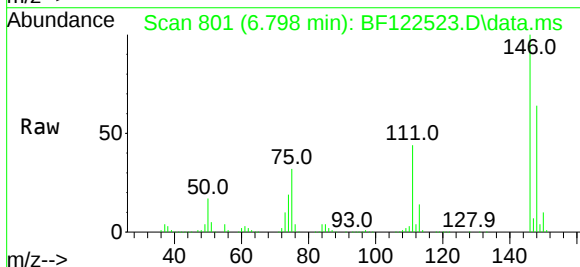
Delta R.T. -0.000 min

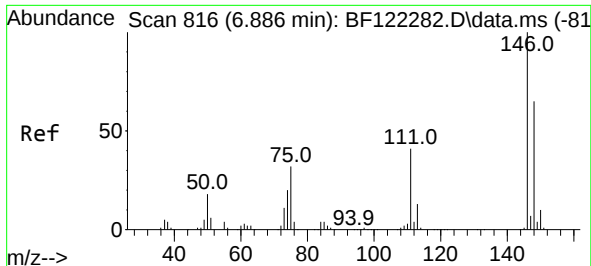
Lab File: BF122523.D

Acq: 1 Dec 2020 15:39

Tgt Ion: 146 Resp: 671621

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 148 | 64.2  | 51.0  | 76.4  |
| 75  | 31.5  | 27.6  | 41.4  |

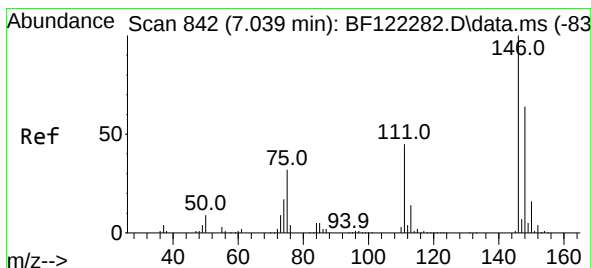
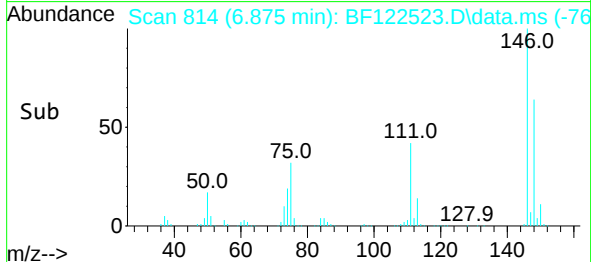
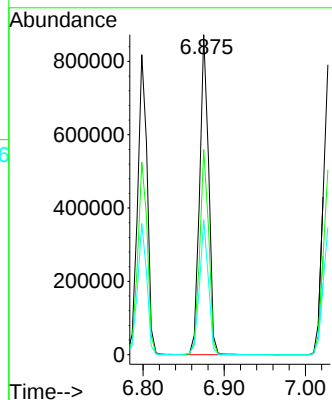
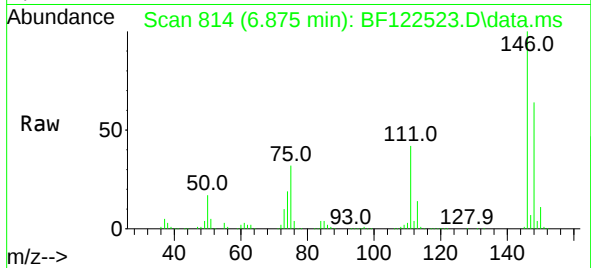




#13  
1,4-Dichlorobenzene  
Concen: 43.03 ng  
RT: 6.875 min Scan# 814  
Delta R.T. -0.000 min  
Lab File: BF122523.D  
Acq: 1 Dec 2020 15:39

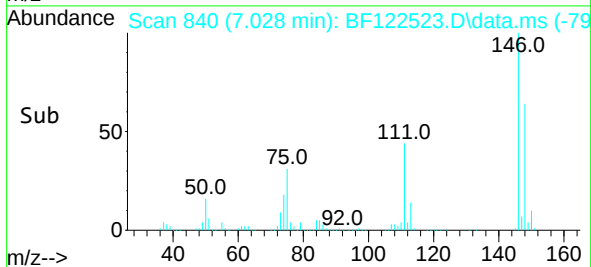
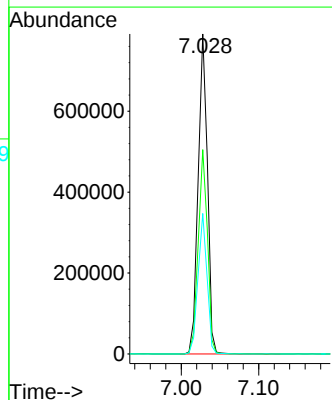
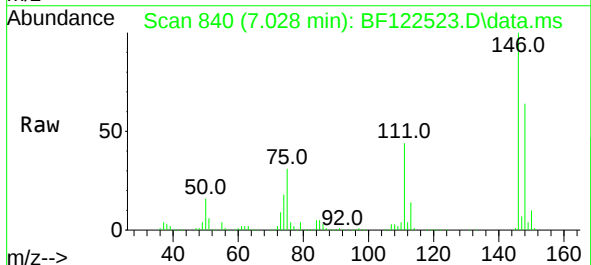
Instrument :  
BNA\_F  
ClientSampleId :  
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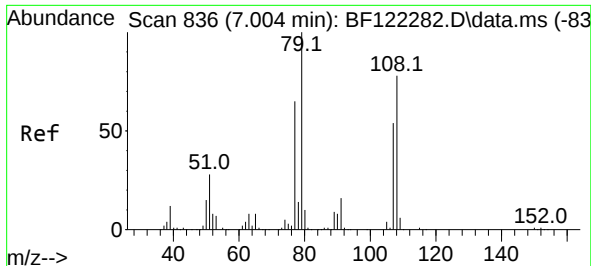
Tgt Ion:146 Resp: 678055  
Ion Ratio Lower Upper  
146 100  
148 64.1 50.1 75.1  
111 42.2 34.6 52.0



#14  
1,2-Dichlorobenzene  
Concen: 44.72 ng  
RT: 7.028 min Scan# 840  
Delta R.T. -0.006 min  
Lab File: BF122523.D  
Acq: 1 Dec 2020 15:39

Tgt Ion:146 Resp: 657654  
Ion Ratio Lower Upper  
146 100  
148 63.9 51.1 76.7  
111 43.9 34.2 51.4

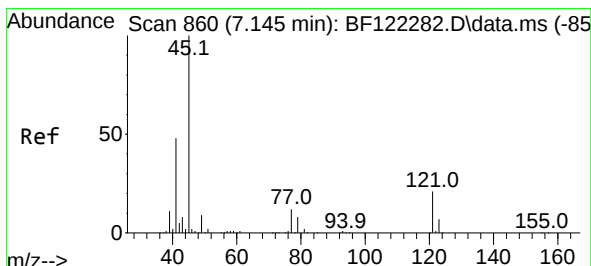
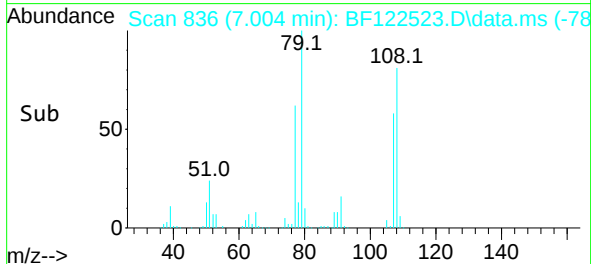
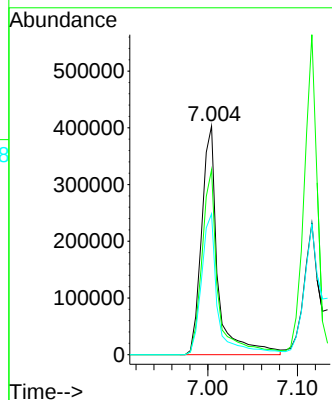
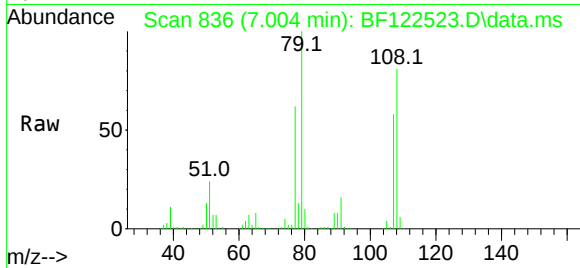




#15  
Benzyl Alcohol  
Concen: 40.98 ng  
RT: 7.004 min Scan# 836  
Delta R.T. -0.000 min  
Lab File: BF122523.D  
Acq: 1 Dec 2020 15:39

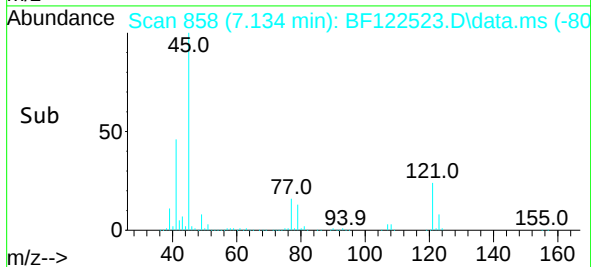
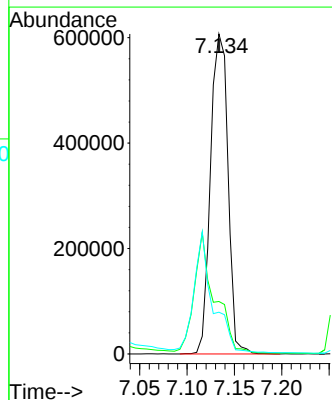
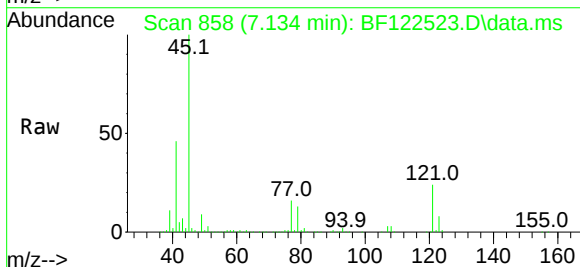
Instrument :  
BNA\_F  
ClientSampleId :  
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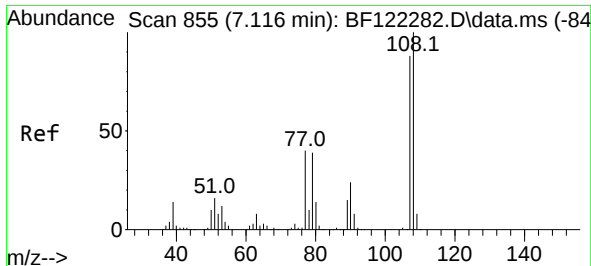
Tgt Ion: 79 Resp: 507787  
Ion Ratio Lower Upper  
79 100  
108 80.9 62.3 93.5  
77 61.6 50.6 75.8



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 39.06 ng  
RT: 7.134 min Scan# 858  
Delta R.T. -0.000 min  
Lab File: BF122523.D  
Acq: 1 Dec 2020 15:39

Tgt Ion: 45 Resp: 776655  
Ion Ratio Lower Upper  
45 100  
77 16.4 0.0 33.3  
79 13.0 0.0 30.4

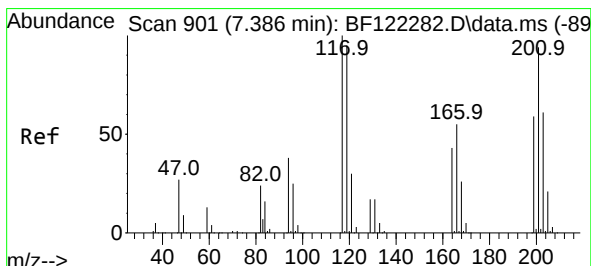
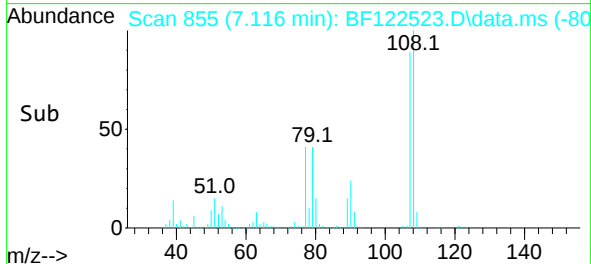
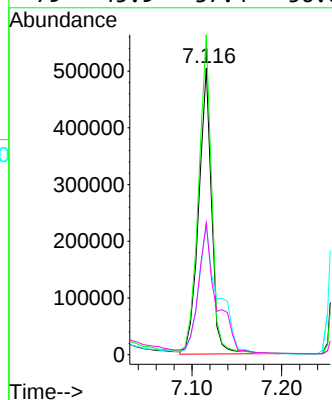
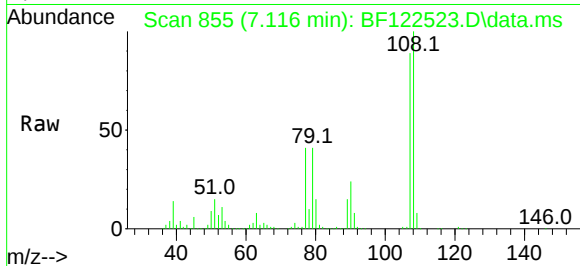




#17  
2-Methylphenol  
Concen: 43.88 ng  
RT: 7.116 min Scan# 855  
Delta R.T. -0.000 min  
Lab File: BF122523.D  
Acq: 1 Dec 2020 15:39

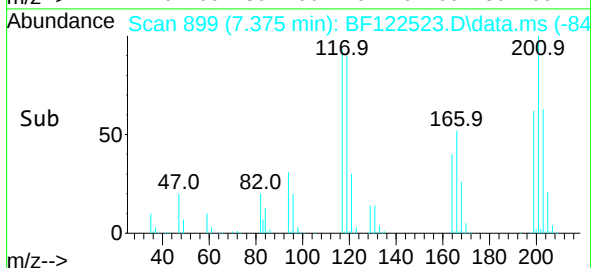
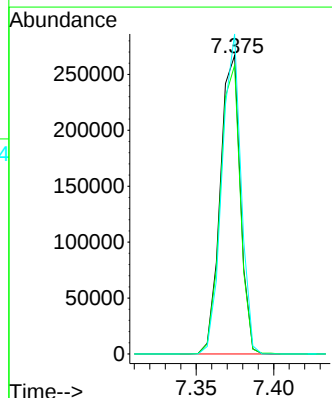
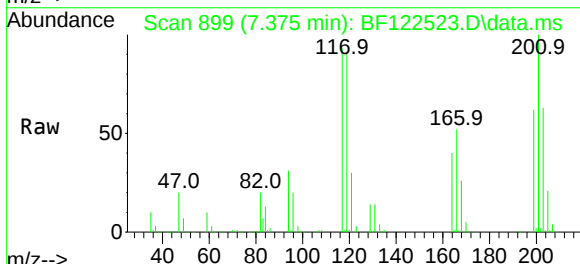
Instrument :  
BNA\_F  
ClientSampleId :  
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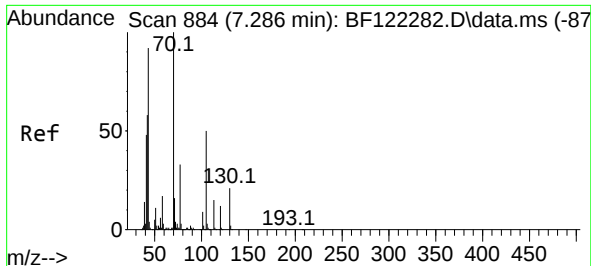
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 506050 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 111.8 | 90.9  | 136.3  |
| 77       | 45.6  | 37.5  | 56.3   |
| 79       | 45.9  | 37.4  | 56.0   |



#18  
Hexachloroethane  
Concen: 43.82 ng  
RT: 7.375 min Scan# 899  
Delta R.T. -0.000 min  
Lab File: BF122523.D  
Acq: 1 Dec 2020 15:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 240468 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 96.7  | 76.3  | 114.5  |
| 201      | 107.2 | 71.8  | 107.6  |



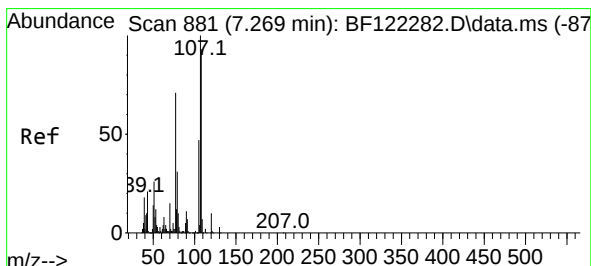
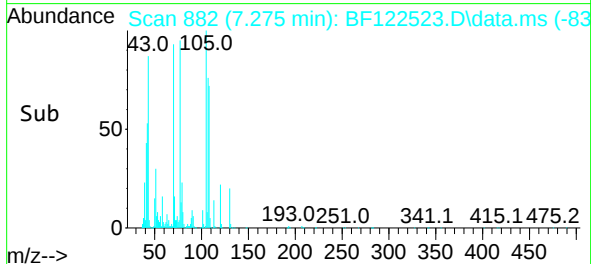
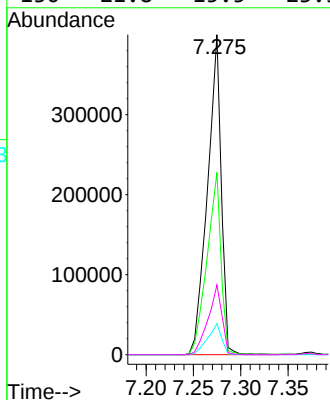
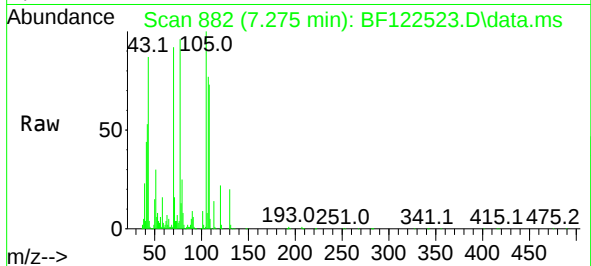


#19  
n-Nitroso-di-n-propylamine  
Concen: 38.88 ng  
RT: 7.275 min Scan# 882  
Delta R.T. -0.006 min  
Lab File: BF122523.D  
Acq: 1 Dec 2020 15:39

Instrument :  
BNA\_F  
ClientSampleId :  
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Tgt Ion: 70 Resp: 404937

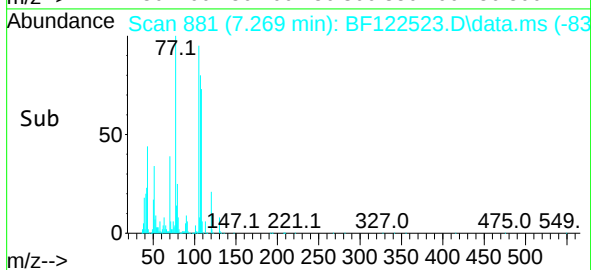
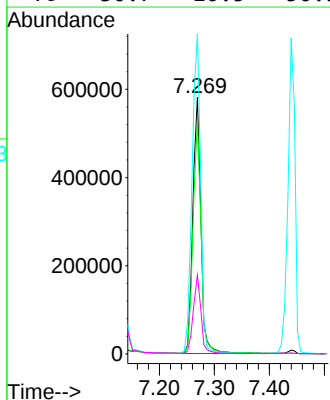
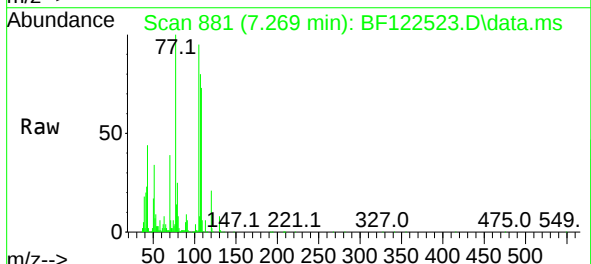
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 56.9  | 50.2  | 75.4  |
| 101 | 9.7   | 7.5   | 11.3  |
| 130 | 21.8  | 15.5  | 23.3  |

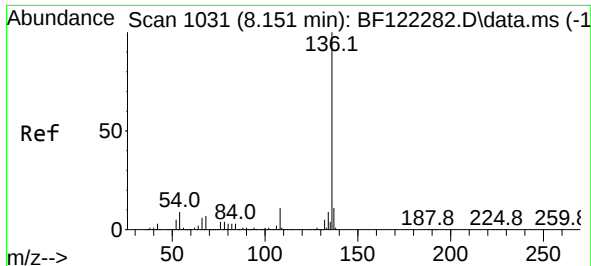


#20  
3+4-Methylphenols  
Concen: 41.53 ng  
RT: 7.269 min Scan# 881  
Delta R.T. -0.000 min  
Lab File: BF122523.D  
Acq: 1 Dec 2020 15:39

Tgt Ion: 107 Resp: 589366

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 90.6  | 68.9  | 108.9 |
| 77  | 124.7 | 108.0 | 148.0 |
| 79  | 30.7  | 10.5  | 50.5  |

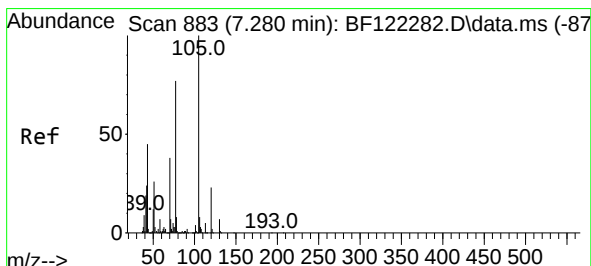
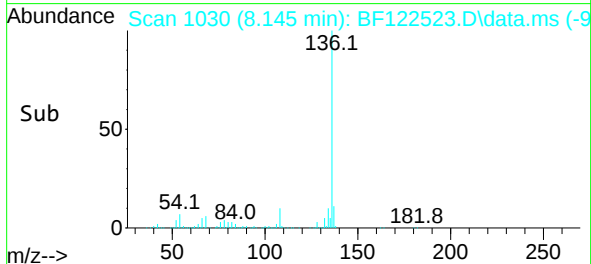
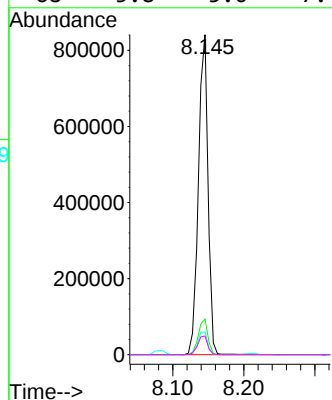
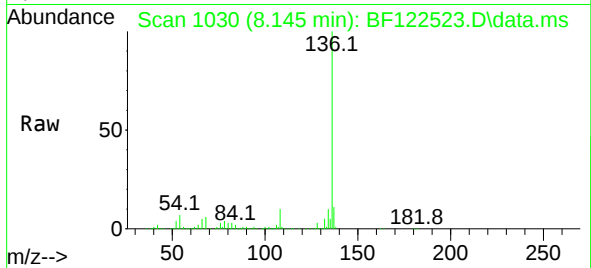




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.145 min Scan# 1030  
Delta R.T. -0.000 min  
Lab File: BF122523.D  
Acq: 1 Dec 2020 15:39

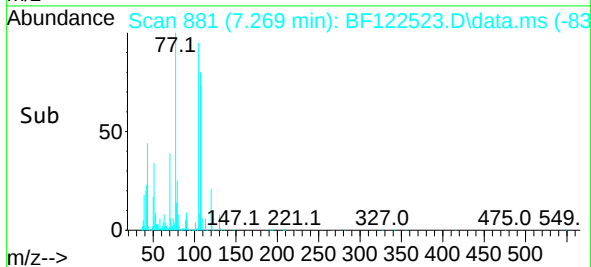
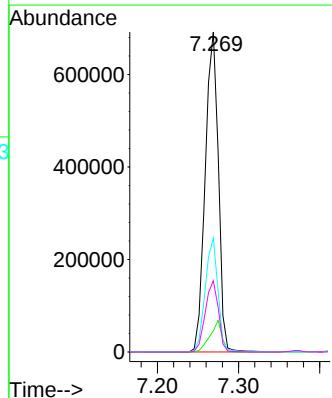
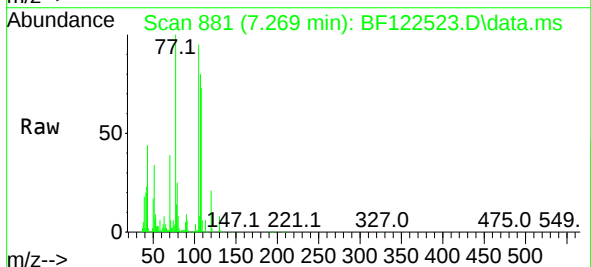
Instrument :  
BNA\_F  
ClientSampleId :  
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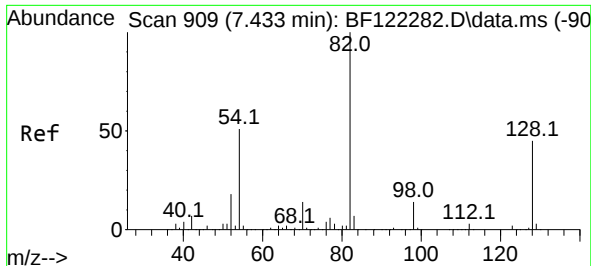
|             |              |
|-------------|--------------|
| Tgt Ion:136 | Resp: 792757 |
| Ion Ratio   | Lower Upper  |
| 136 100     |              |
| 137 11.1    | 8.6 13.0     |
| 54 7.1      | 7.1 10.7#    |
| 68 5.8      | 5.0 7.4      |



#22  
Acetophenone  
Concen: 37.59 ng  
RT: 7.269 min Scan# 881  
Delta R.T. -0.006 min  
Lab File: BF122523.D  
Acq: 1 Dec 2020 15:39

|             |              |
|-------------|--------------|
| Tgt Ion:105 | Resp: 776297 |
| Ion Ratio   | Lower Upper  |
| 105 100     |              |
| 71 6.6      | 5.3 7.9      |
| 51 35.6     | 33.2 49.8    |
| 120 22.3    | 17.4 26.0    |





#23

Nitrobenzene-d5

Concen: 64.62 ng

RT: 7.422 min Scan# 907

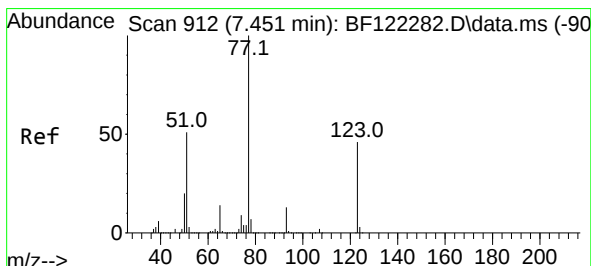
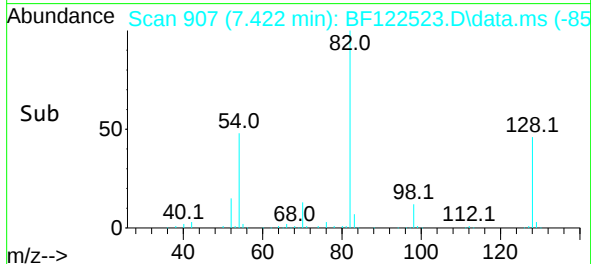
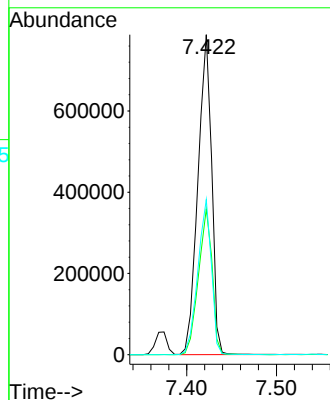
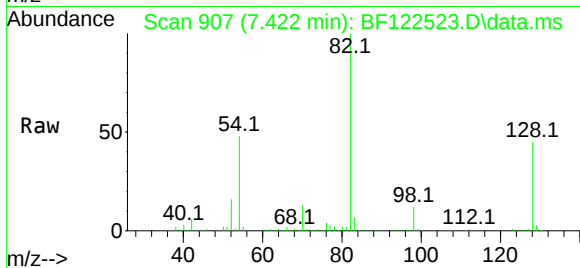
Delta R.T. -0.006 min

Lab File: BF122523.D

Acq: 1 Dec 2020 15:39

Tgt Ion: 82 Resp: 836728

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 45.5  | 35.0  | 52.4  |
| 54  | 48.4  | 43.9  | 65.9  |



#24

Nitrobenzene

Concen: 43.23 ng

RT: 7.439 min Scan# 910

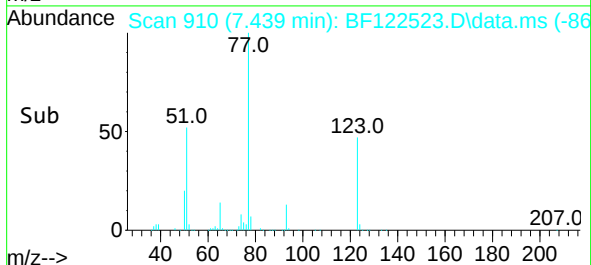
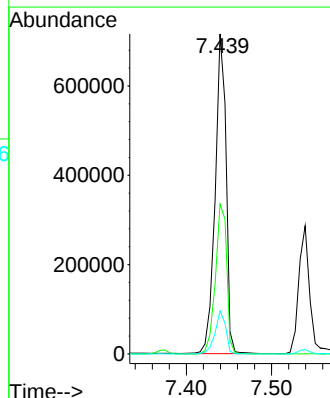
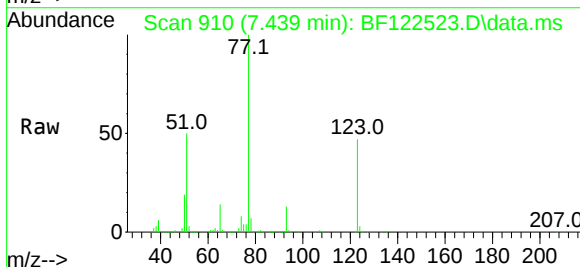
Delta R.T. -0.006 min

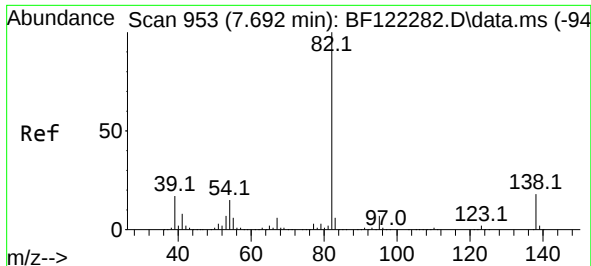
Lab File: BF122523.D

Acq: 1 Dec 2020 15:39

Tgt Ion: 77 Resp: 640478

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 46.9  | 35.6  | 53.4  |
| 65  | 13.5  | 11.2  | 16.8  |

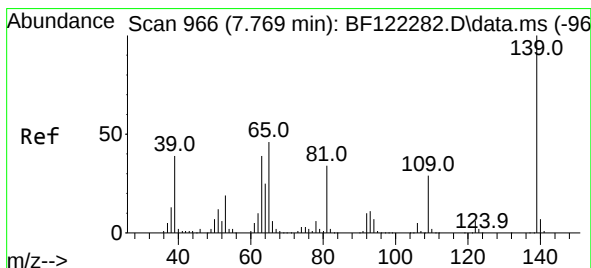
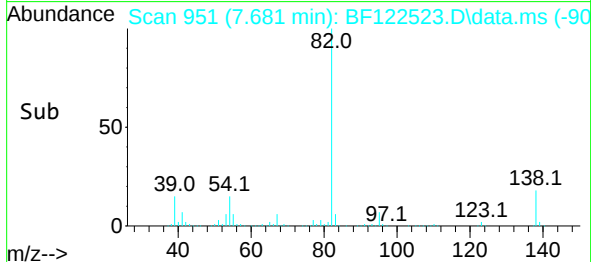
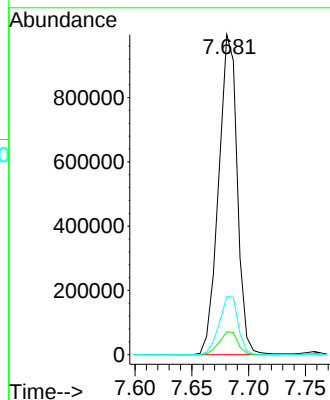
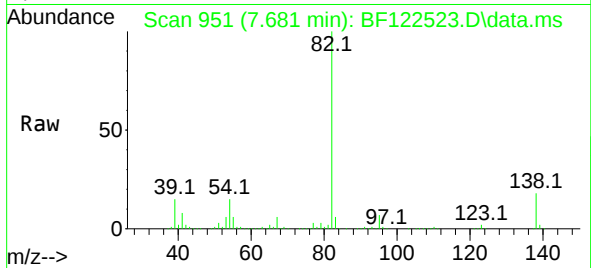




#25  
Isophorone  
Concen: 39.39 ng  
RT: 7.681 min Scan# 951  
Delta R.T. -0.006 min  
Lab File: BF122523.D  
Acq: 1 Dec 2020 15:39

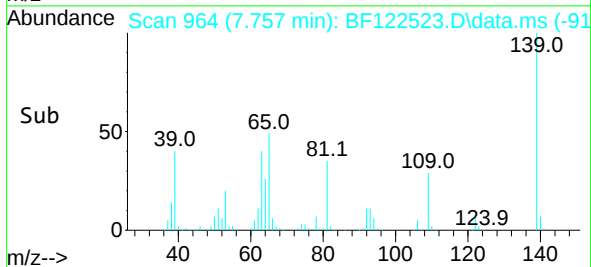
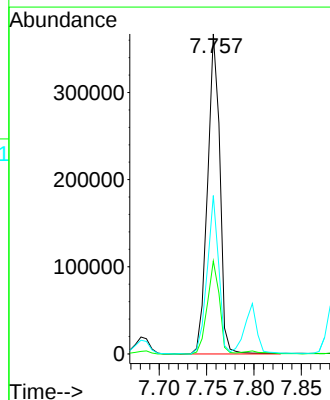
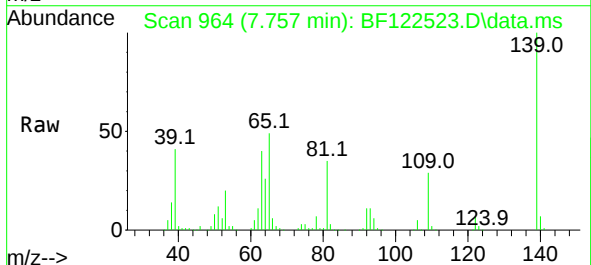
Instrument :  
BNA\_F  
ClientSampleId :  
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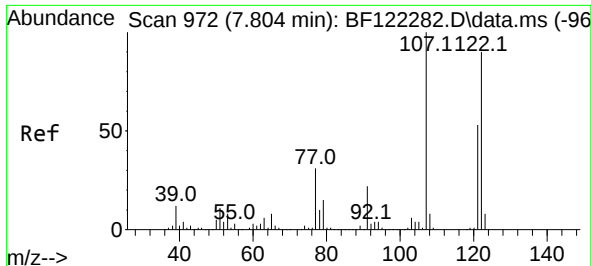
Tgt Ion: 82 Resp: 1137279  
Ion Ratio Lower Upper  
82 100  
95 7.1 5.4 8.0  
138 18.1 13.4 20.0



#26  
2-Nitrophenol  
Concen: 50.94 ng  
RT: 7.757 min Scan# 964  
Delta R.T. -0.000 min  
Lab File: BF122523.D  
Acq: 1 Dec 2020 15:39

Tgt Ion: 139 Resp: 330815  
Ion Ratio Lower Upper  
139 100  
109 29.1 23.0 34.4  
65 49.5 39.9 59.9

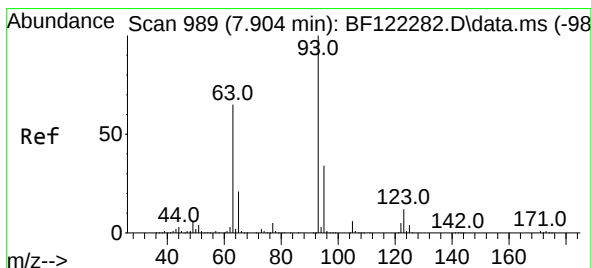
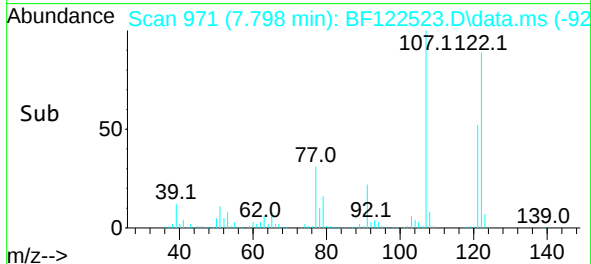
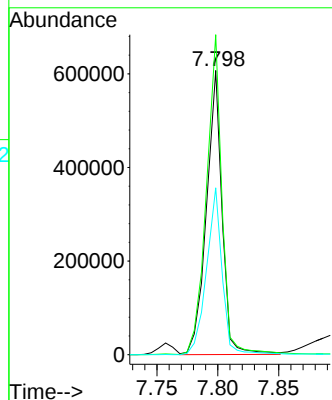
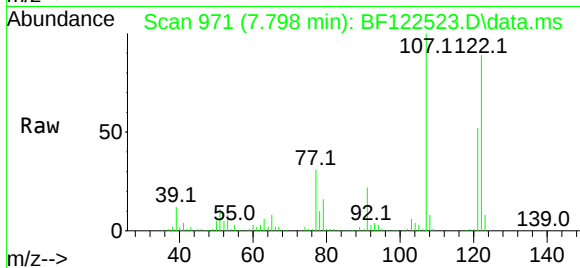




#27  
2,4-Dimethylphenol  
Concen: 39.93 ng  
RT: 7.798 min Scan# 971  
Delta R.T. -0.000 min  
Lab File: BF122523.D  
Acq: 1 Dec 2020 15:39

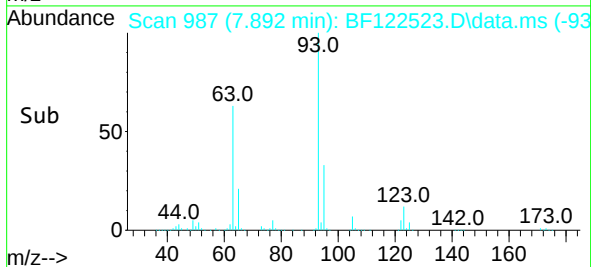
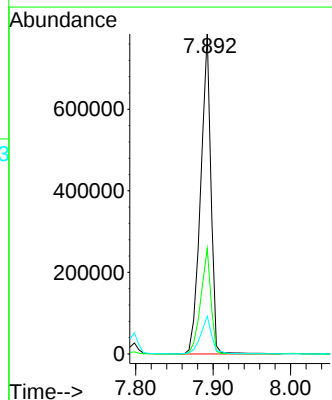
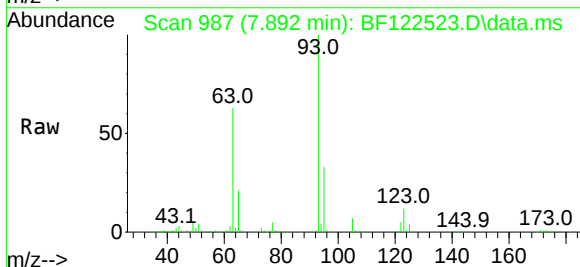
Instrument :  
BNA\_F  
ClientSampleId :  
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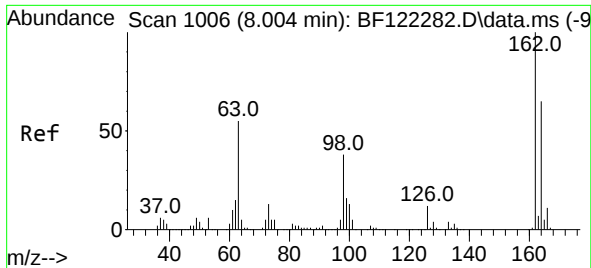
Tgt Ion:122 Resp: 543749  
Ion Ratio Lower Upper  
122 100  
107 112.6 90.8 136.2  
121 58.7 47.5 71.3



#28  
bis(2-Chloroethoxy)methane  
Concen: 40.95 ng  
RT: 7.892 min Scan# 987  
Delta R.T. -0.000 min  
Lab File: BF122523.D  
Acq: 1 Dec 2020 15:39

Tgt Ion: 93 Resp: 723005  
Ion Ratio Lower Upper  
93 100  
95 32.9 26.2 39.4  
123 11.8 8.8 13.2

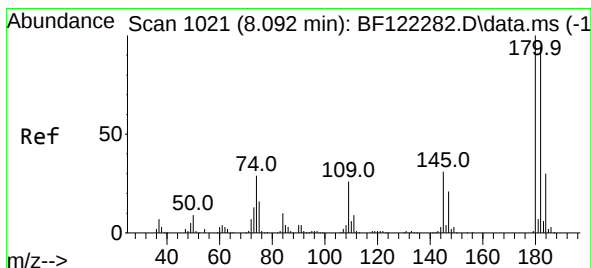
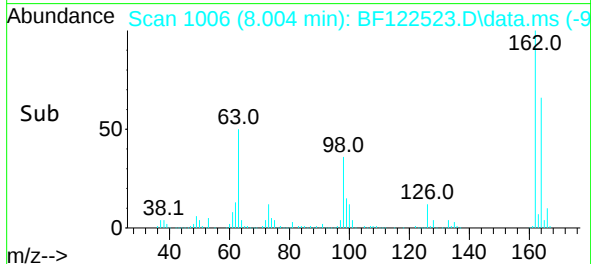
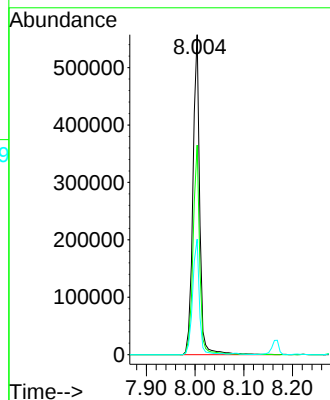
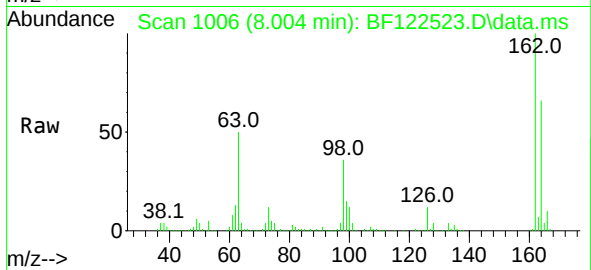




#29  
2,4-Dichlorophenol  
Concen: 44.69 ng  
RT: 8.004 min Scan# 1006  
Delta R.T. -0.000 min  
Lab File: BF122523.D  
Acq: 1 Dec 2020 15:39

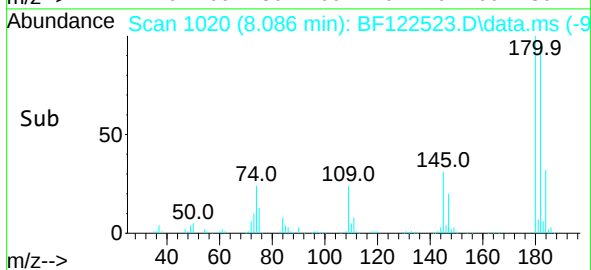
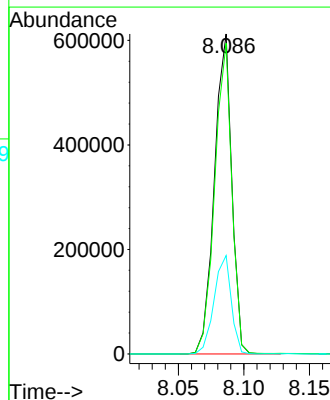
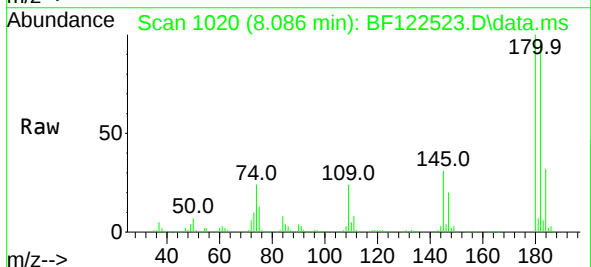
Instrument :  
BNA\_F  
ClientSampleId :  
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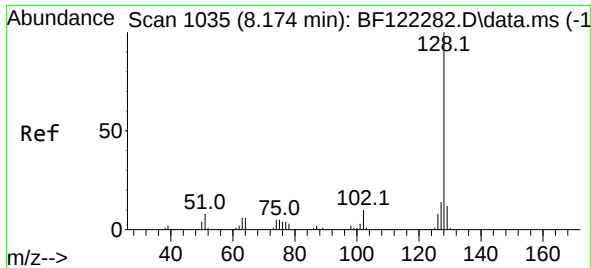
Tgt Ion:162 Resp: 538720  
Ion Ratio Lower Upper  
162 100  
164 65.5 42.5 82.5  
98 36.1 20.1 60.1



#30  
1,2,4-Trichlorobenzene  
Concen: 42.31 ng  
RT: 8.086 min Scan# 1020  
Delta R.T. -0.000 min  
Lab File: BF122523.D  
Acq: 1 Dec 2020 15:39

Tgt Ion:180 Resp: 563010  
Ion Ratio Lower Upper  
180 100  
182 97.1 79.4 119.2  
145 30.8 25.5 38.3

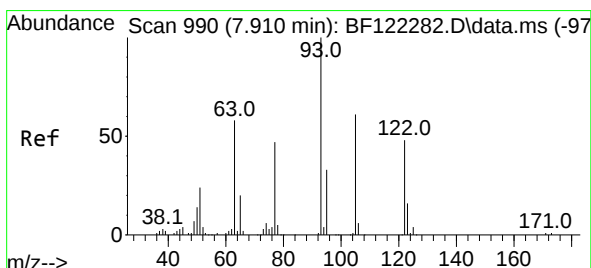
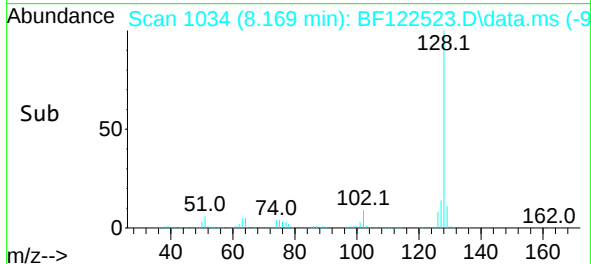
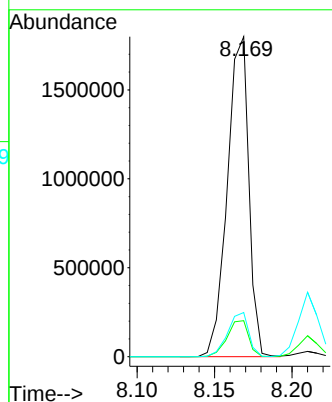
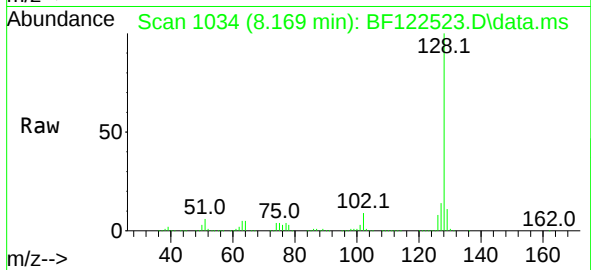




#31  
Naphthalene  
Concen: 41.16 ng  
RT: 8.169 min Scan# 1034  
Delta R.T. -0.000 min  
Lab File: BF122523.D  
Acq: 1 Dec 2020 15:39

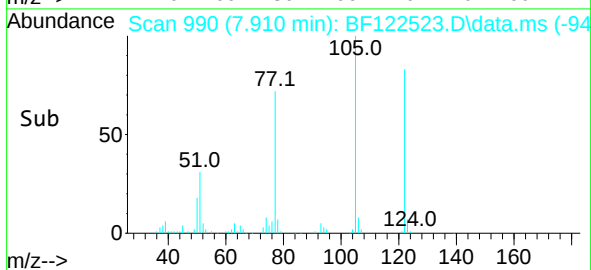
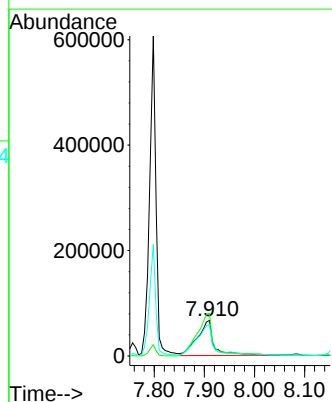
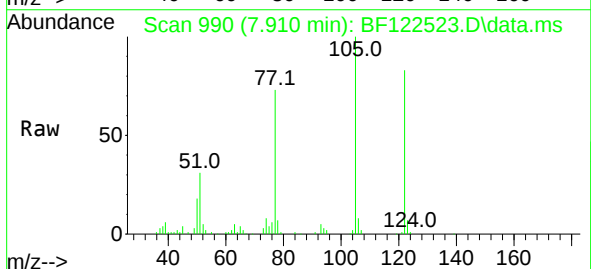
Instrument :  
BNA\_F  
ClientSampleId :  
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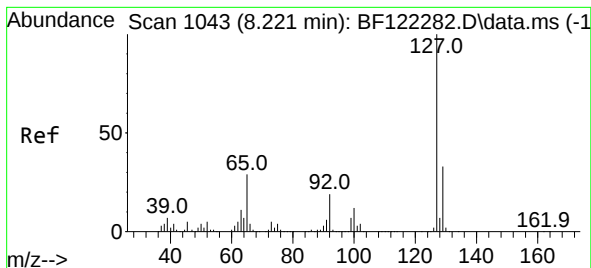
Tgt Ion:128 Resp: 1734889  
Ion Ratio Lower Upper  
128 100  
129 11.3 8.7 13.1  
127 13.8 10.8 16.2



#32  
Benzoic acid  
Concen: 25.21 ng  
RT: 7.910 min Scan# 990  
Delta R.T. -0.024 min  
Lab File: BF122523.D  
Acq: 1 Dec 2020 15:39

Tgt Ion:122 Resp: 155880  
Ion Ratio Lower Upper  
122 100  
105 120.1 103.3 143.3  
77 87.9 73.9 113.9

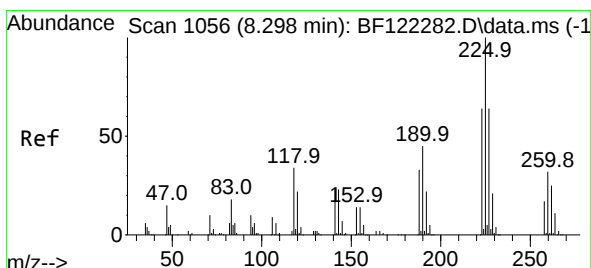
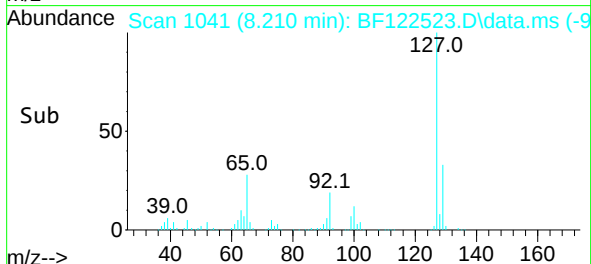
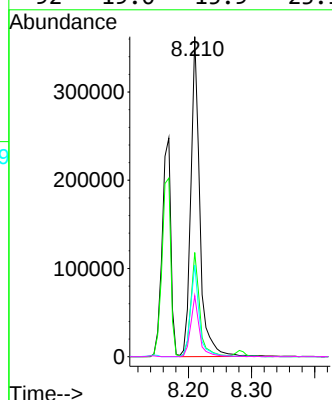
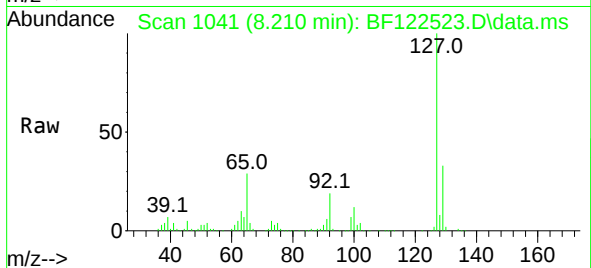




#33  
4-Chloroaniline  
Concen: 19.77 ng  
RT: 8.210 min Scan# 1041  
Delta R.T. -0.006 min  
Lab File: BF122523.D  
Acq: 1 Dec 2020 15:39

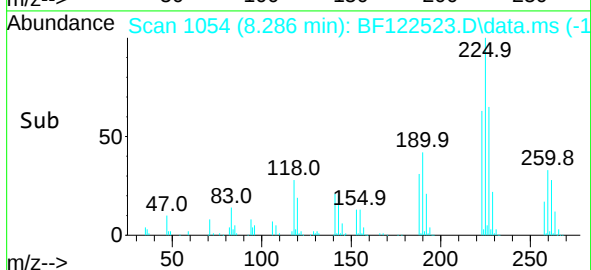
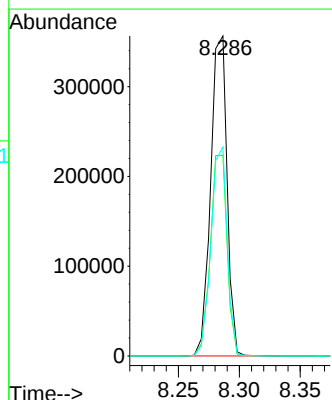
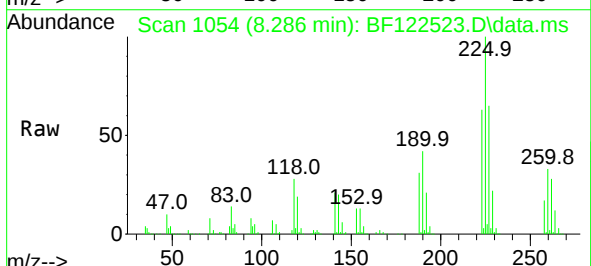
Instrument :  
BNA\_F  
ClientSampleId :  
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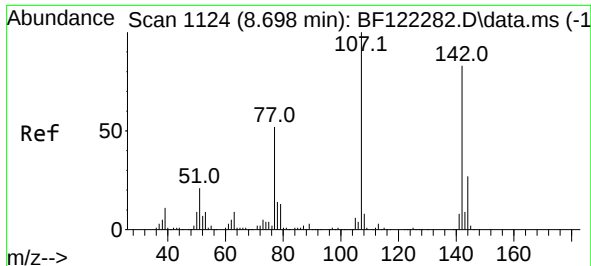
|             |              |
|-------------|--------------|
| Tgt Ion:127 | Resp: 362825 |
| Ion Ratio   | Lower Upper  |
| 127 100     |              |
| 129 32.6    | 26.3 39.5    |
| 65 28.6     | 26.2 39.2    |
| 92 19.0     | 15.9 23.9    |



#34  
Hexachlorobutadiene  
Concen: 43.49 ng  
RT: 8.286 min Scan# 1054  
Delta R.T. -0.000 min  
Lab File: BF122523.D  
Acq: 1 Dec 2020 15:39

|             |              |       |  |
|-------------|--------------|-------|--|
| Tgt Ion:225 | Resp: 332585 |       |  |
| Ion Ratio   | Lower        | Upper |  |
| 225 100     |              |       |  |
| 223 62.7    | 51.1         | 76.7  |  |
| 227 65.3    | 51.0         | 76.6  |  |

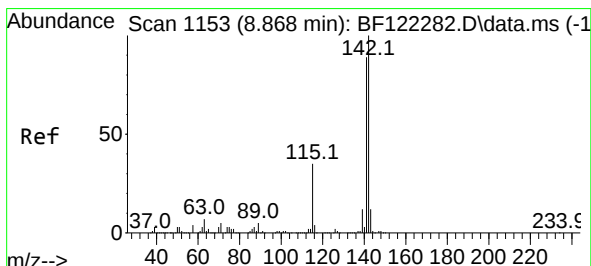
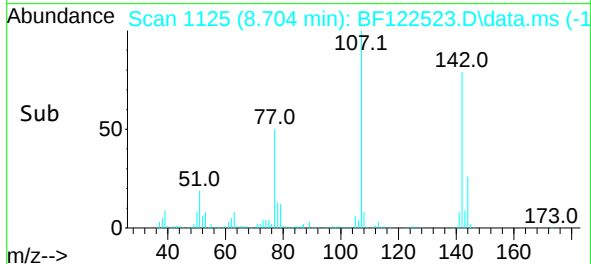
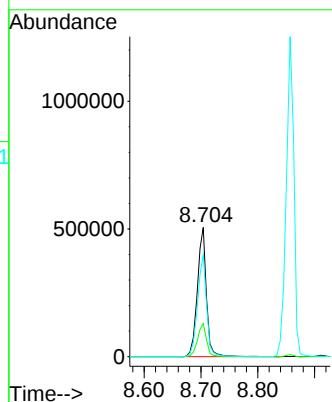
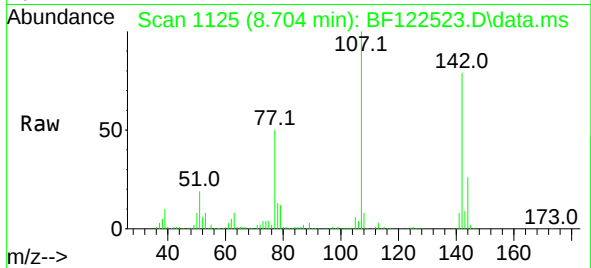




#36  
4-Chloro-3-methylphenol  
Concen: 44.63 ng  
RT: 8.704 min Scan# 1125  
Delta R.T. 0.006 min  
Lab File: BF122523.D  
Acq: 1 Dec 2020 15:39

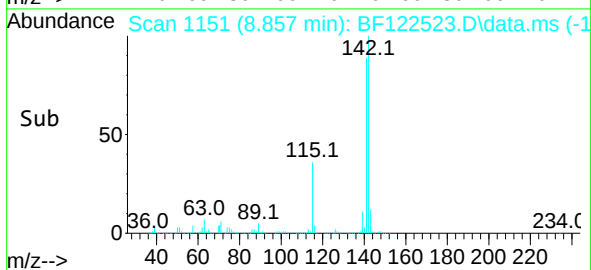
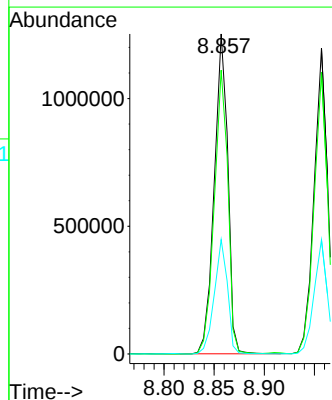
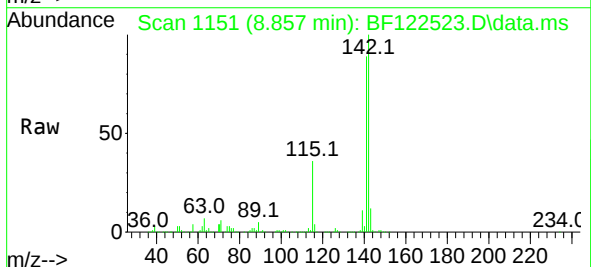
Instrument :  
BNA\_F  
ClientSampleId :  
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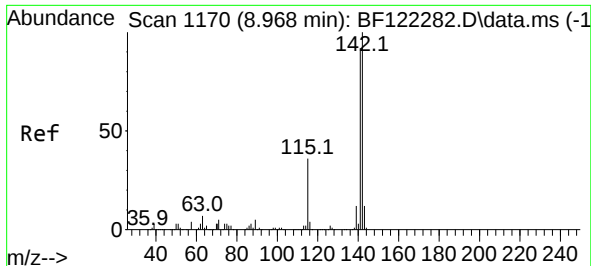
Tgt Ion:107 Resp: 561129  
Ion Ratio Lower Upper  
107 100  
144 25.7 20.1 30.1  
142 78.8 59.3 88.9



#37  
2-Methylnaphthalene  
Concen: 42.45 ng  
RT: 8.857 min Scan# 1151  
Delta R.T. -0.000 min  
Lab File: BF122523.D  
Acq: 1 Dec 2020 15:39

Tgt Ion:142 Resp: 1182053  
Ion Ratio Lower Upper  
142 100  
141 88.7 70.2 105.4  
115 35.7 28.6 43.0

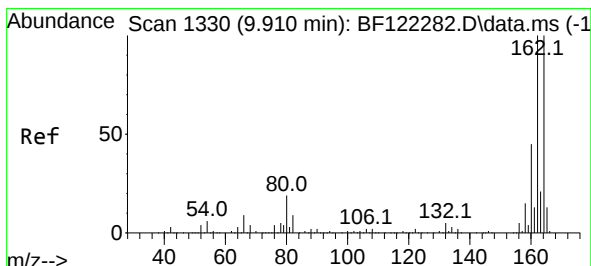
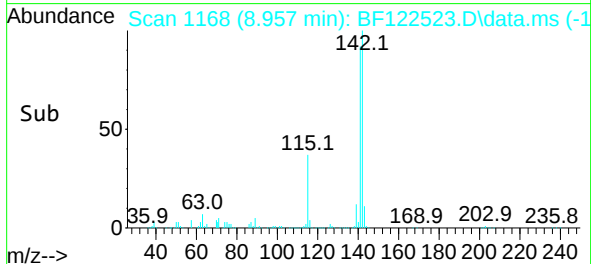
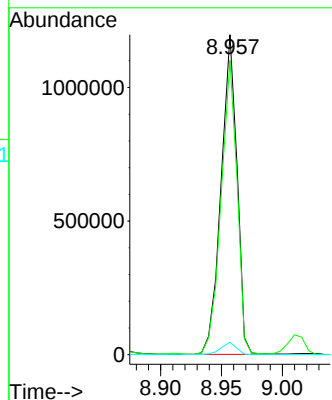
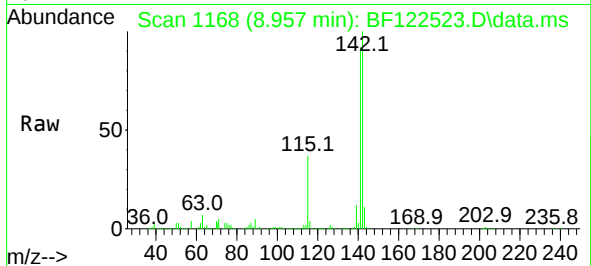




#38  
1-Methylnaphthalene  
Concen: 41.87 ng  
RT: 8.957 min Scan# 1168  
Delta R.T. -0.000 min  
Lab File: BF122523.D  
Acq: 1 Dec 2020 15:39

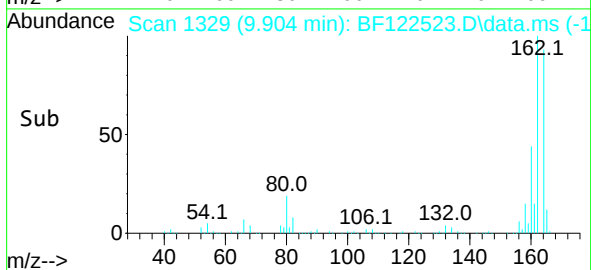
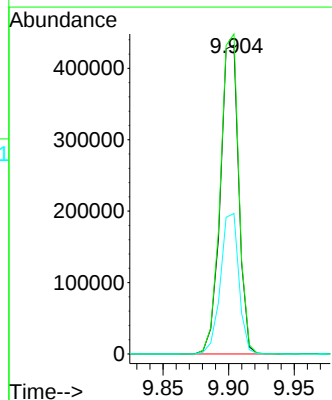
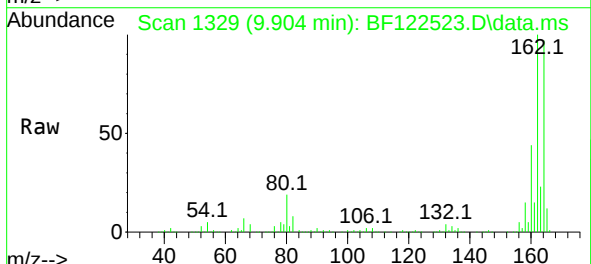
Instrument :  
BNA\_F  
ClientSampleId :  
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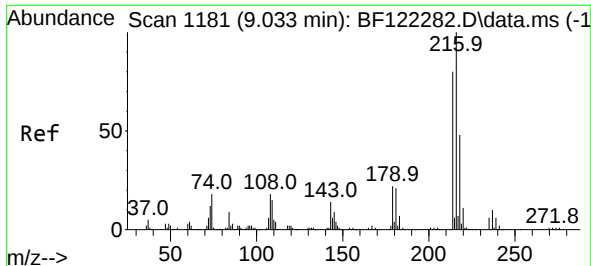
Tgt Ion:142 Resp: 1091312  
Ion Ratio Lower Upper  
142 100  
141 92.0 74.5 111.7  
116 3.9 3.2 4.8



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.904 min Scan# 1329  
Delta R.T. -0.000 min  
Lab File: BF122523.D  
Acq: 1 Dec 2020 15:39

Tgt Ion:164 Resp: 423774  
Ion Ratio Lower Upper  
164 100  
162 103.6 83.2 124.8  
160 45.5 37.5 56.3

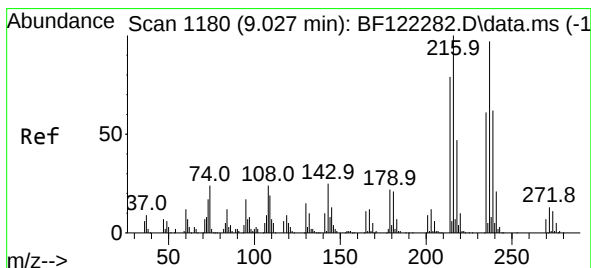
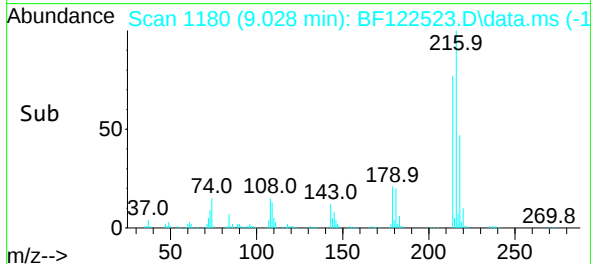
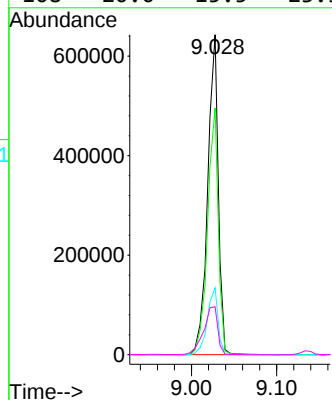
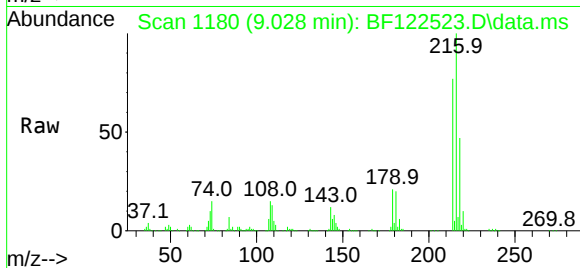




#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 42.46 ng  
RT: 9.028 min Scan# 1180  
Delta R.T. -0.000 min  
Lab File: BF122523.D  
Acq: 1 Dec 2020 15:39

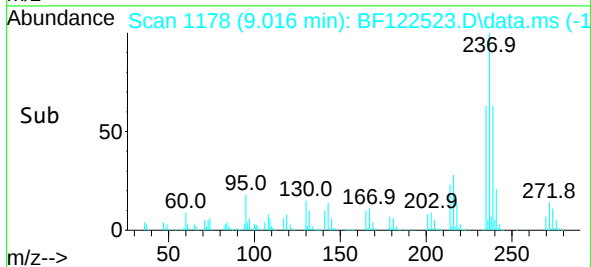
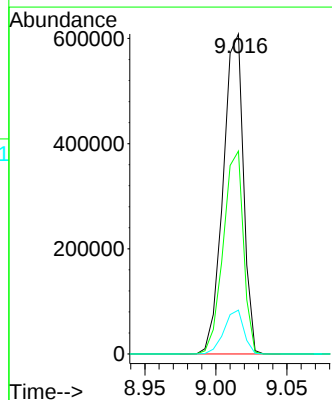
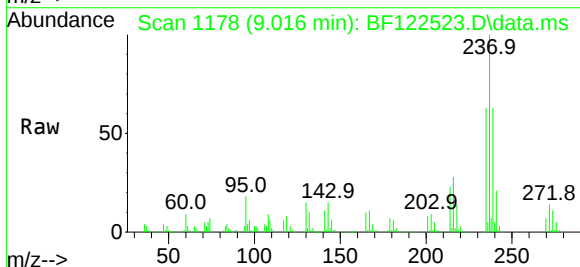
Instrument :  
BNA\_F  
ClientSampleId :  
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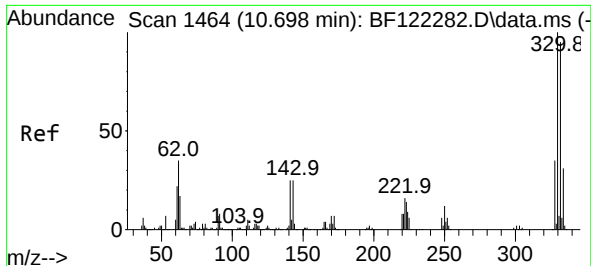
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 216   | Resp: | 554413 |
| Ion Ratio | Lower | Upper |        |
| 216       | 100   |       |        |
| 214       | 78.1  | 63.4  | 95.2   |
| 179       | 21.2  | 17.0  | 25.6   |
| 108       | 20.0  | 15.5  | 23.3   |



#41  
Hexachlorocyclopentadiene  
Concen: 79.31 ng  
RT: 9.016 min Scan# 1178  
Delta R.T. -0.000 min  
Lab File: BF122523.D  
Acq: 1 Dec 2020 15:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 237   | Resp: | 605558 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 63.4  | 41.8  | 81.8   |
| 272       | 13.7  | 0.0   | 33.5   |

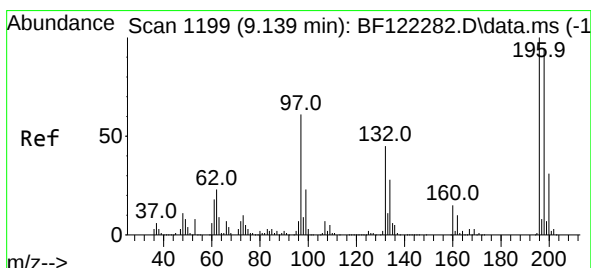
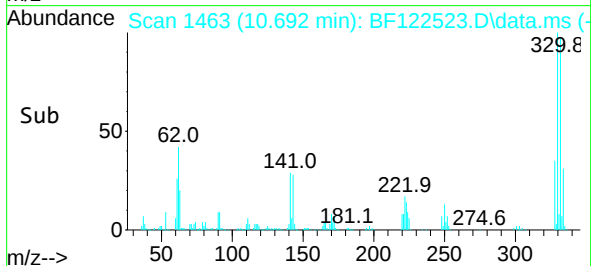
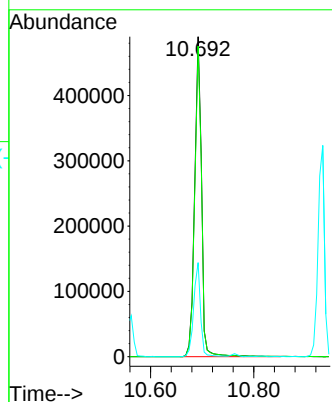
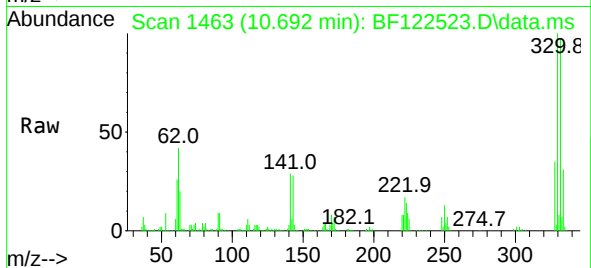




#42  
2,4,6-Tribromophenol  
Concen: 99.23 ng  
RT: 10.692 min Scan# 1463  
Delta R.T. -0.000 min  
Lab File: BF122523.D  
Acq: 1 Dec 2020 15:39

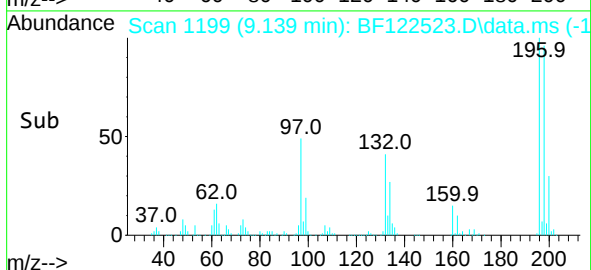
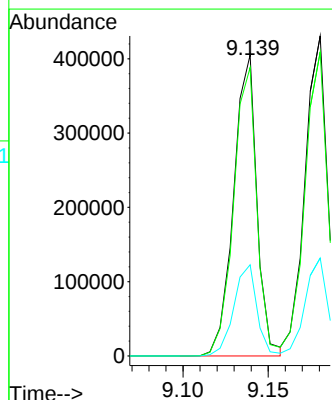
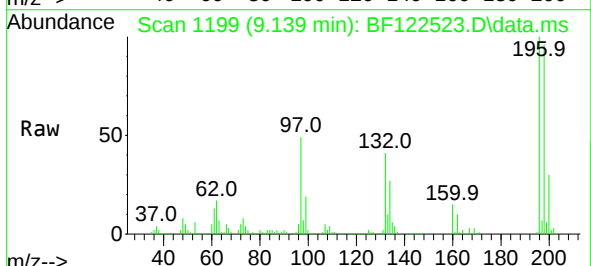
Instrument :  
BNA\_F  
ClientSampleId :  
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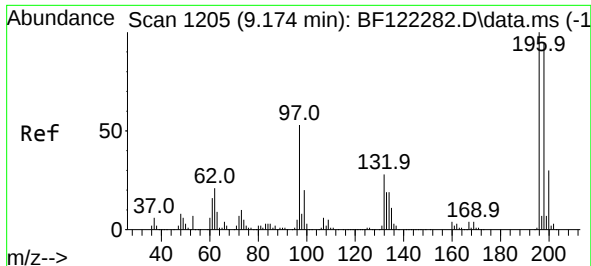
Tgt Ion:330 Resp: 451346  
Ion Ratio Lower Upper  
330 100  
332 96.8 77.3 115.9  
141 29.3 22.3 33.5



#43  
2,4,6-Trichlorophenol  
Concen: 45.39 ng  
RT: 9.139 min Scan# 1199  
Delta R.T. -0.000 min  
Lab File: BF122523.D  
Acq: 1 Dec 2020 15:39

Tgt Ion:196 Resp: 384951  
Ion Ratio Lower Upper  
196 100  
198 95.8 75.8 113.6  
200 30.3 24.6 36.8

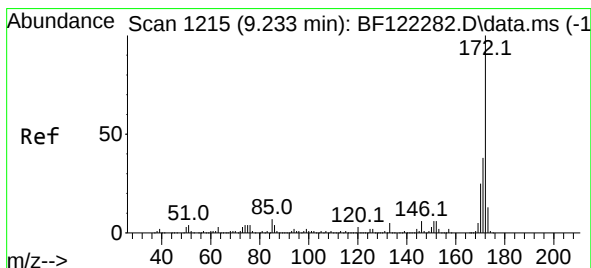
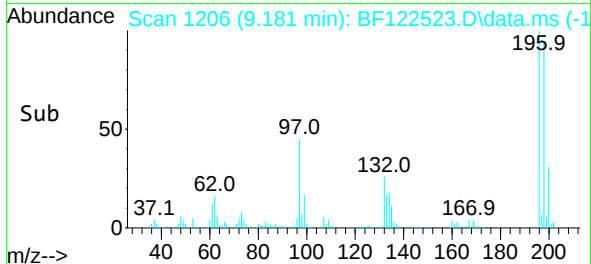
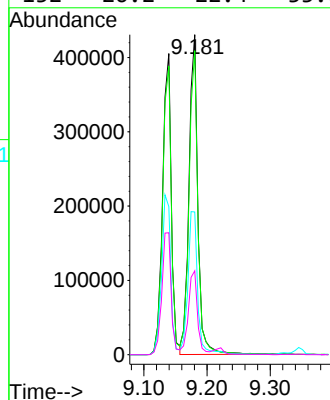
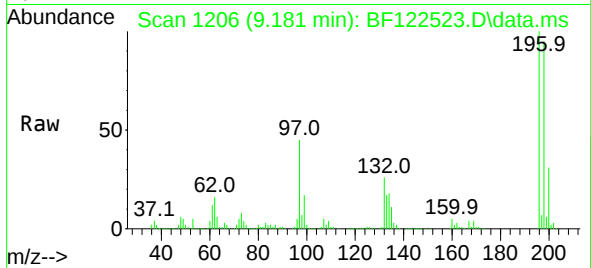




#44  
2,4,5-Trichlorophenol  
Concen: 47.63 ng  
RT: 9.181 min Scan# 1206  
Delta R.T. -0.000 min  
Lab File: BF122523.D  
Acq: 1 Dec 2020 15:39

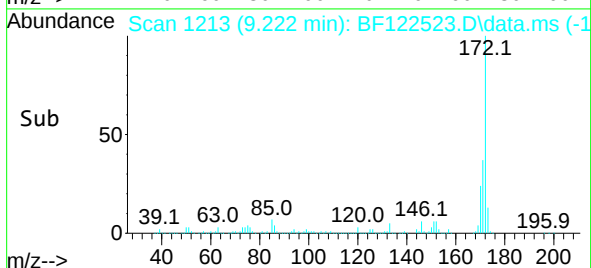
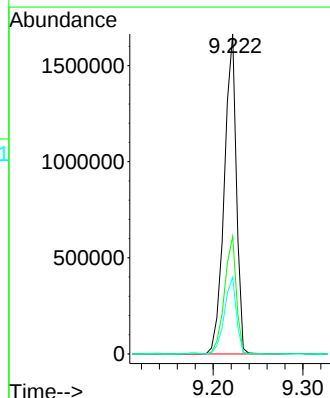
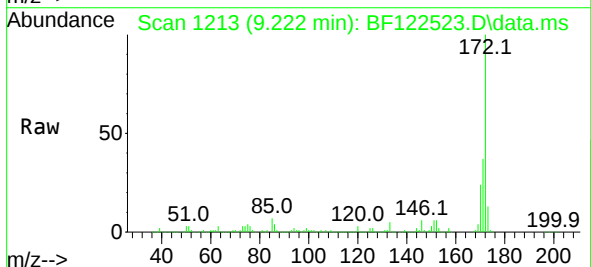
Instrument :  
BNA\_F  
ClientSampleId :  
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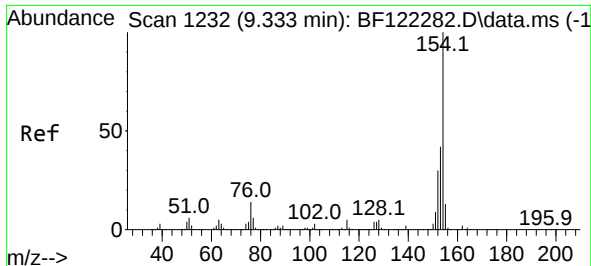
Tgt Ion:196 Resp: 423421  
Ion Ratio Lower Upper  
196 100  
198 95.0 76.1 114.1  
97 44.6 41.0 61.6  
132 26.2 22.4 33.6



#45  
2-Fluorobiphenyl  
Concen: 57.47 ng  
RT: 9.222 min Scan# 1213  
Delta R.T. -0.000 min  
Lab File: BF122523.D  
Acq: 1 Dec 2020 15:39

Tgt Ion:172 Resp: 1558736  
Ion Ratio Lower Upper  
172 100  
171 36.8 29.1 43.7  
170 24.0 19.8 29.6

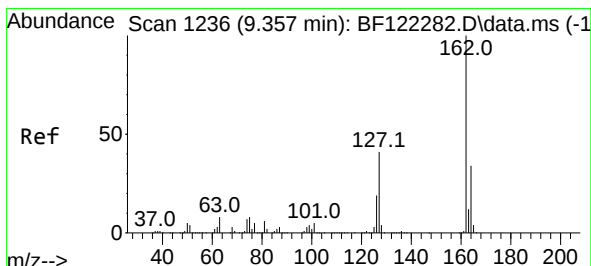
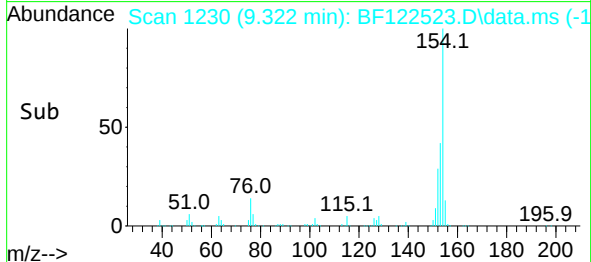
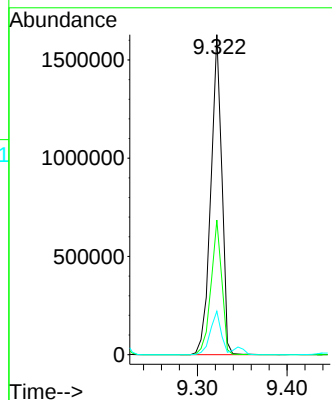
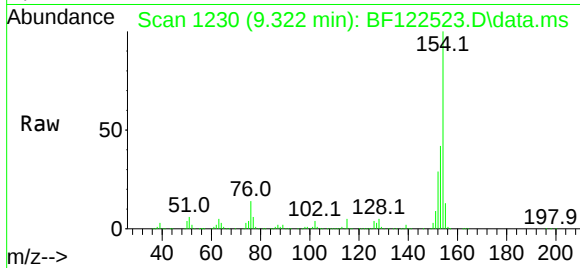




#46  
1,1'-Biphenyl  
Concen: 40.98 ng  
RT: 9.322 min Scan# 1230  
Delta R.T. -0.000 min  
Lab File: BF122523.D  
Acq: 1 Dec 2020 15:39

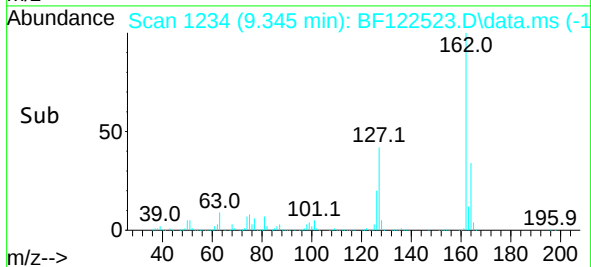
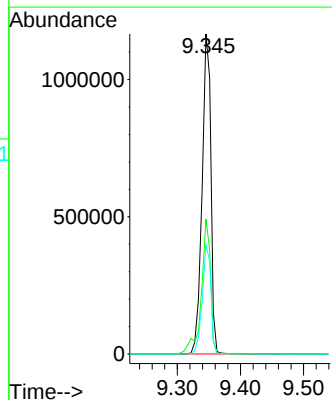
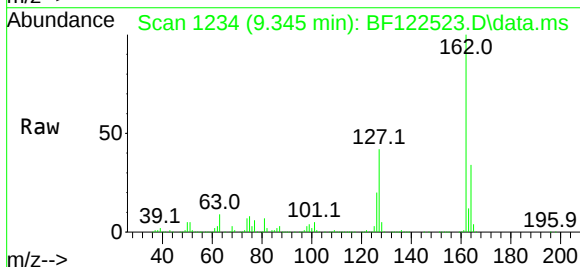
Instrument :  
BNA\_F  
ClientSampleId :  
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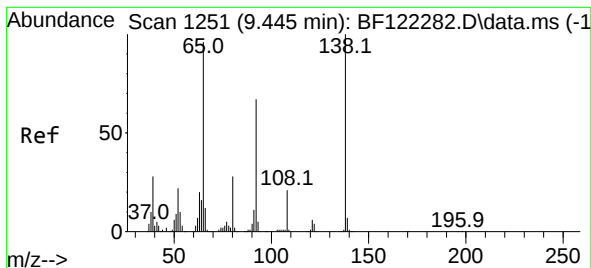
Tgt Ion:154 Resp: 1382378  
Ion Ratio Lower Upper  
154 100  
153 42.0 21.3 61.3  
76 13.6 0.0 34.7



#47  
2-Chloronaphthalene  
Concen: 42.06 ng  
RT: 9.345 min Scan# 1234  
Delta R.T. -0.006 min  
Lab File: BF122523.D  
Acq: 1 Dec 2020 15:39

Tgt Ion:162 Resp: 1126086  
Ion Ratio Lower Upper  
162 100  
127 42.1 34.4 51.6  
164 33.8 26.3 39.5

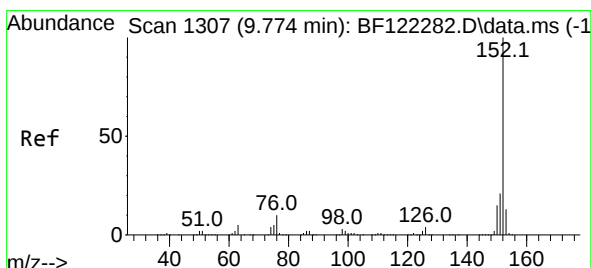
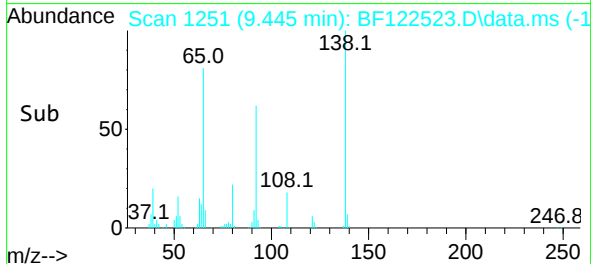
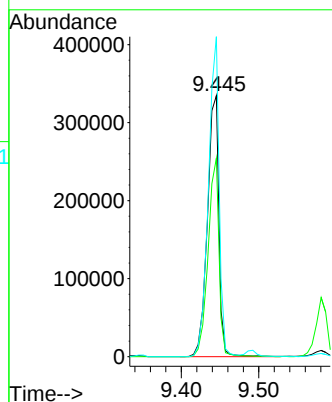
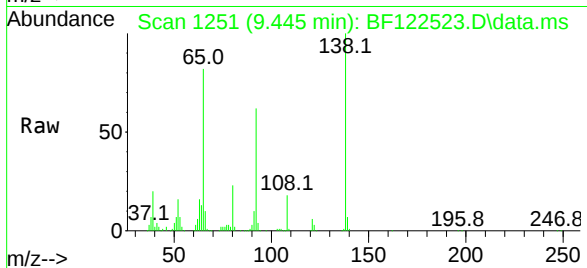




#48  
2-Nitroaniline  
Concen: 43.83 ng  
RT: 9.445 min Scan# 1251  
Delta R.T. -0.000 min  
Lab File: BF122523.D  
Acq: 1 Dec 2020 15:39

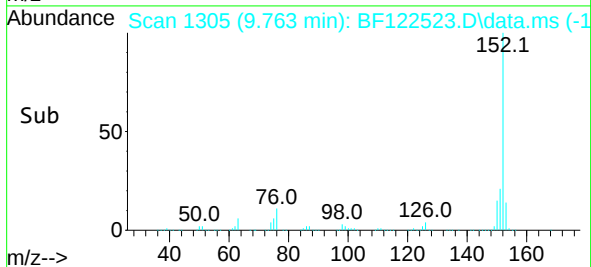
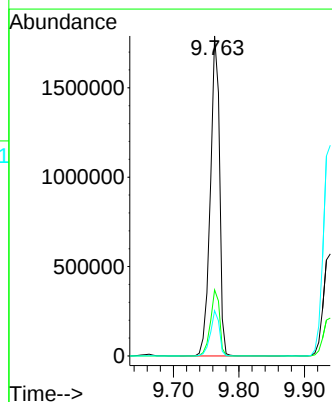
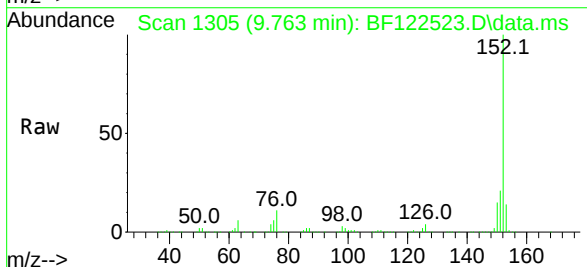
Instrument :  
BNA\_F  
ClientSampled :  
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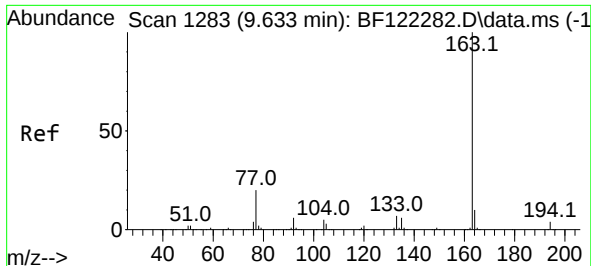
Tgt Ion: 65 Resp: 345589  
Ion Ratio Lower Upper  
65 100  
92 76.1 55.1 82.7  
138 122.6 80.5 120.7#



#49  
Acenaphthylene  
Concen: 42.49 ng  
RT: 9.763 min Scan# 1305  
Delta R.T. -0.000 min  
Lab File: BF122523.D  
Acq: 1 Dec 2020 15:39

Tgt Ion:152 Resp: 1748574  
Ion Ratio Lower Upper  
152 100  
151 20.6 16.4 24.6  
153 14.1 10.6 15.8

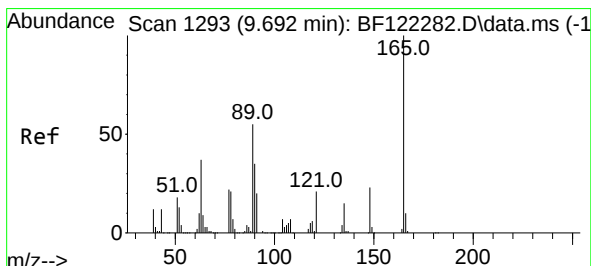
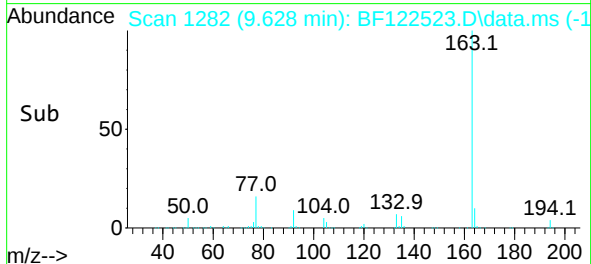
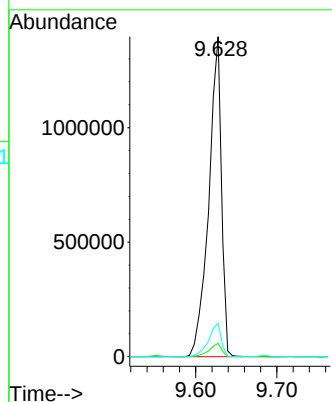
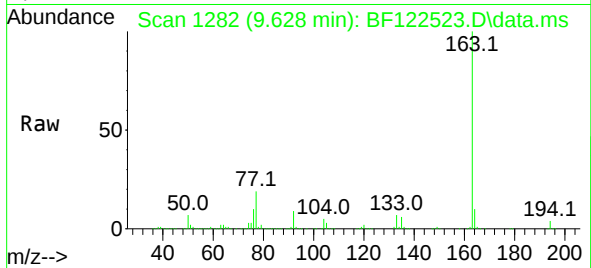




#50  
Dimethylphthalate  
Concen: 50.19 ng  
RT: 9.628 min Scan# 1282  
Delta R.T. -0.000 min  
Lab File: BF122523.D  
Acq: 1 Dec 2020 15:39

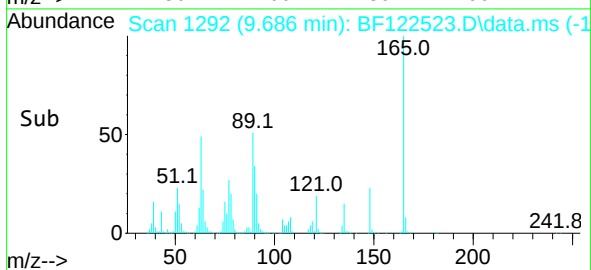
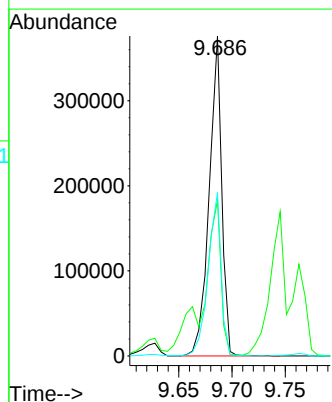
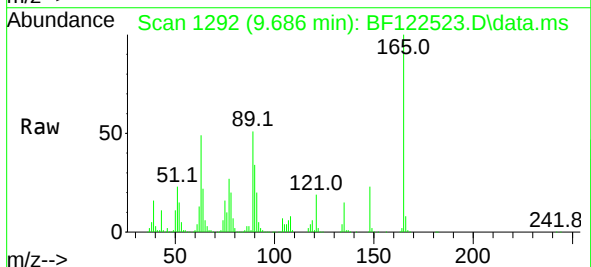
Instrument :  
BNA\_F  
ClientSampleId :  
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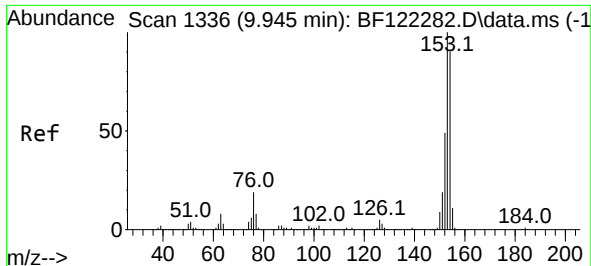
Tgt Ion:163 Resp: 1511936  
Ion Ratio Lower Upper  
163 100  
194 4.1 3.3 4.9  
164 10.5 8.2 12.4



#51  
2,6-Dinitrotoluene  
Concen: 46.37 ng  
RT: 9.686 min Scan# 1292  
Delta R.T. -0.000 min  
Lab File: BF122523.D  
Acq: 1 Dec 2020 15:39

Tgt Ion:165 Resp: 309921  
Ion Ratio Lower Upper  
165 100  
63 48.6 51.8 77.6#  
89 51.1 49.0 73.6

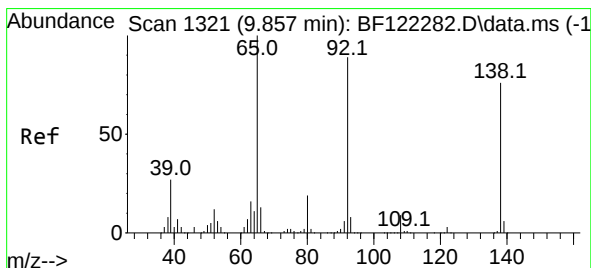
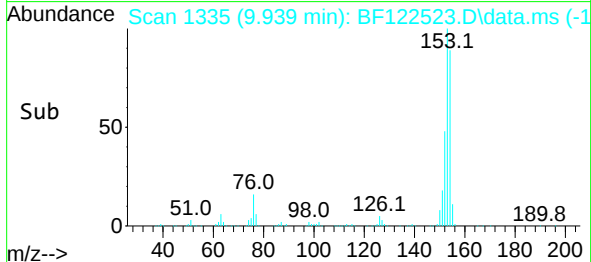
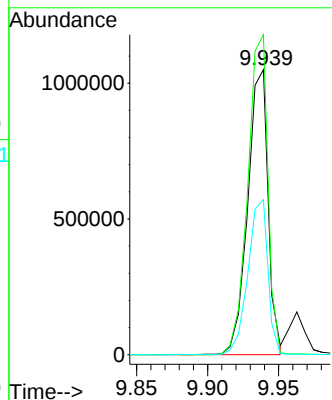
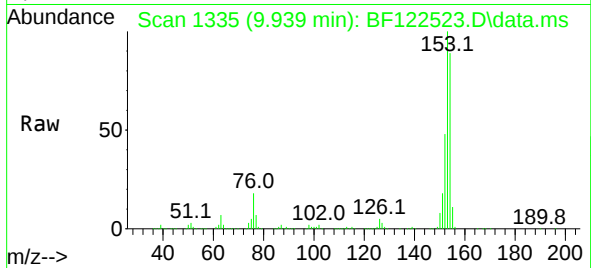




#52  
Acenaphthene  
Concen: 41.19 ng  
RT: 9.939 min Scan# 1335  
Delta R.T. -0.000 min  
Lab File: BF122523.D  
Acq: 1 Dec 2020 15:39

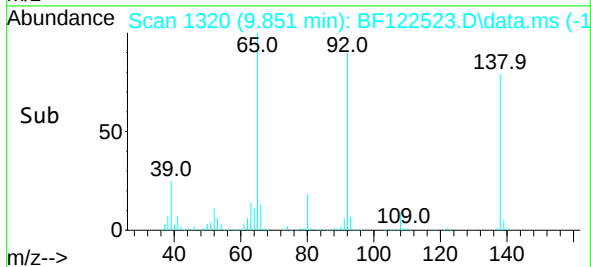
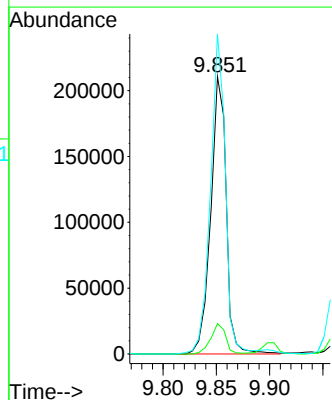
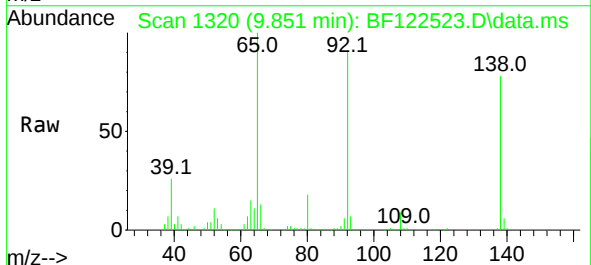
Instrument :  
BNA\_F  
ClientSampleId :  
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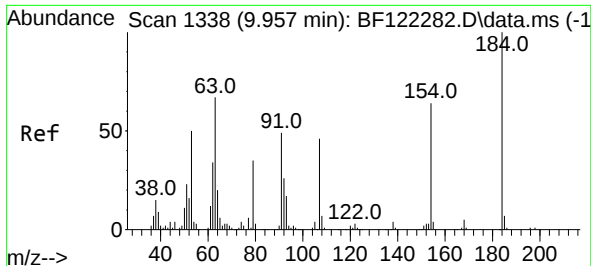
Tgt Ion:154 Resp: 1049018  
Ion Ratio Lower Upper  
154 100  
153 112.3 89.8 134.8  
152 54.4 43.2 64.8



#53  
3-Nitroaniline  
Concen: 29.34 ng  
RT: 9.851 min Scan# 1320  
Delta R.T. -0.006 min  
Lab File: BF122523.D  
Acq: 1 Dec 2020 15:39

Tgt Ion:138 Resp: 212629  
Ion Ratio Lower Upper  
138 100  
108 11.0 8.6 13.0  
92 115.4 96.6 144.8

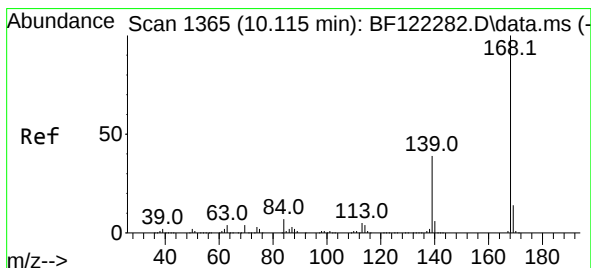
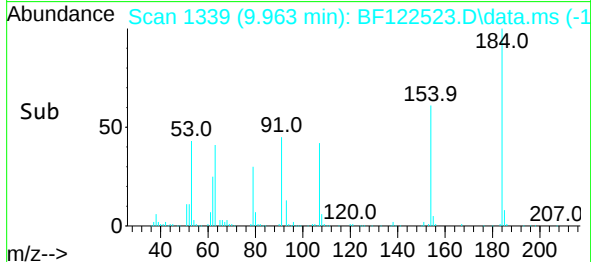
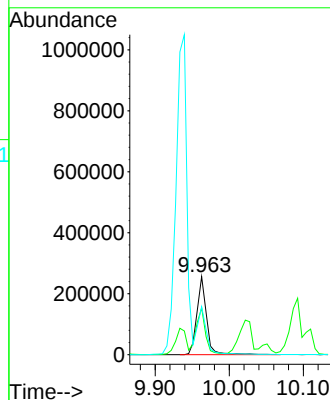
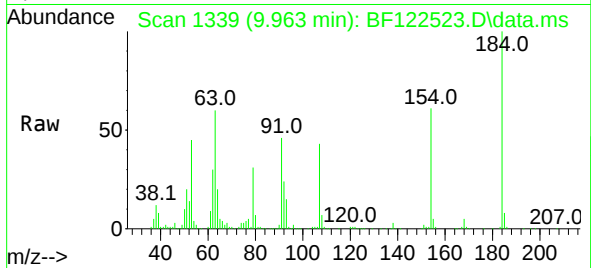




#54  
2,4-Dinitrophenol  
Concen: 81.63 ng  
RT: 9.963 min Scan# 1339  
Delta R.T. 0.006 min  
Lab File: BF122523.D  
Acq: 1 Dec 2020 15:39

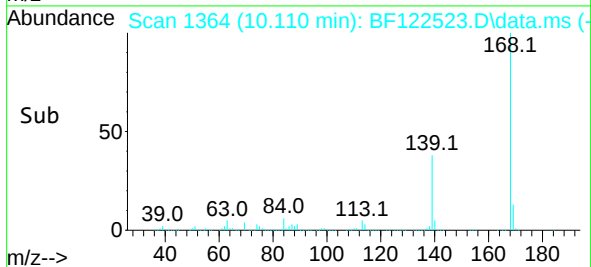
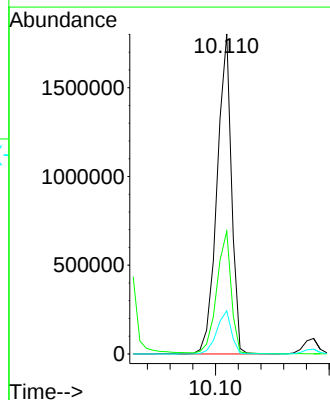
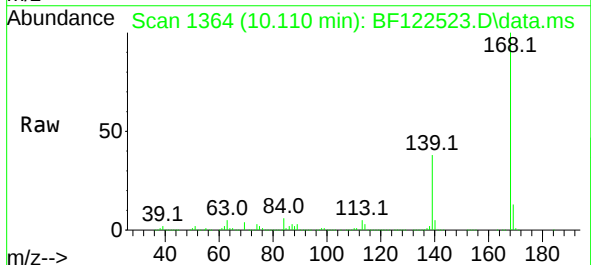
Instrument :  
BNA\_F  
ClientSampleId :  
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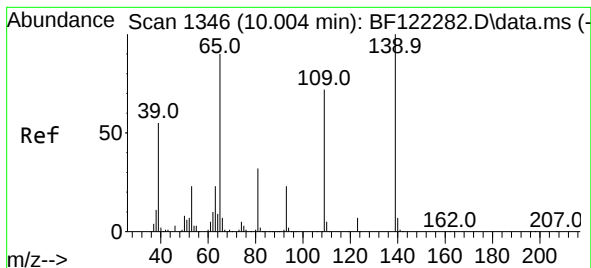
Tgt Ion:184 Resp: 232469  
Ion Ratio Lower Upper  
184 100  
63 60.0 45.9 68.9  
154 61.5 45.8 68.6



#55  
Dibenzofuran  
Concen: 42.60 ng  
RT: 10.110 min Scan# 1364  
Delta R.T. -0.000 min  
Lab File: BF122523.D  
Acq: 1 Dec 2020 15:39

Tgt Ion:168 Resp: 1589867  
Ion Ratio Lower Upper  
168 100  
139 38.4 31.0 46.6  
169 13.5 11.3 16.9

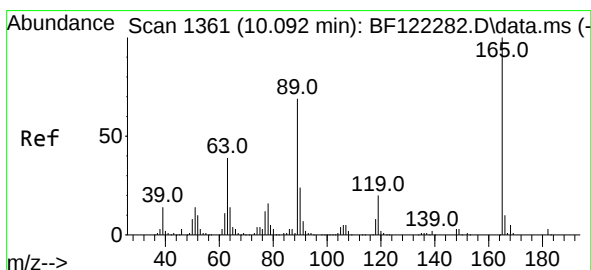
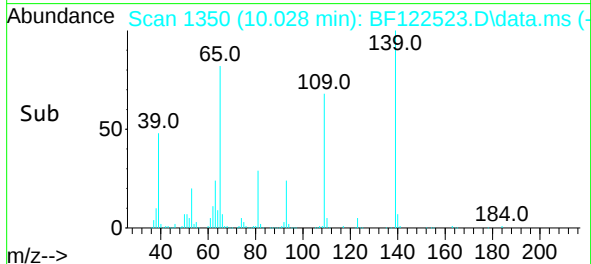
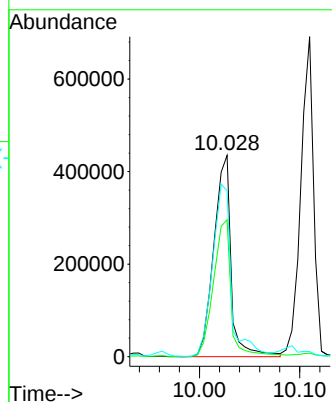
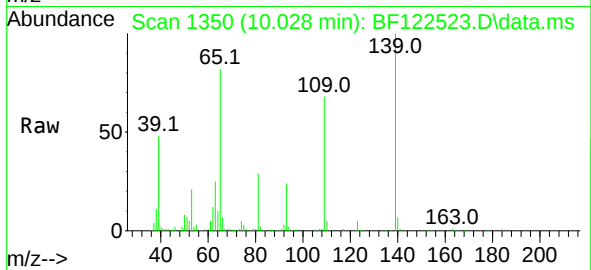




#56  
4-Nitrophenol  
Concen: 79.46 ng  
RT: 10.028 min Scan# 1350  
Delta R.T. 0.012 min  
Lab File: BF122523.D  
Acq: 1 Dec 2020 15:39

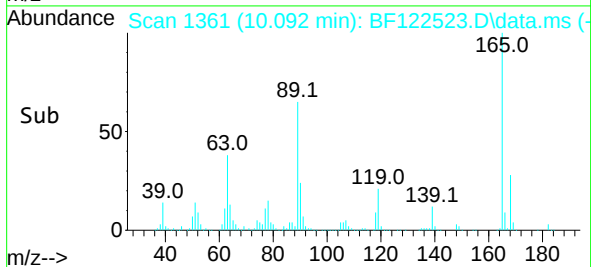
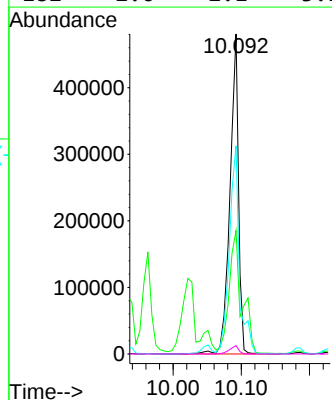
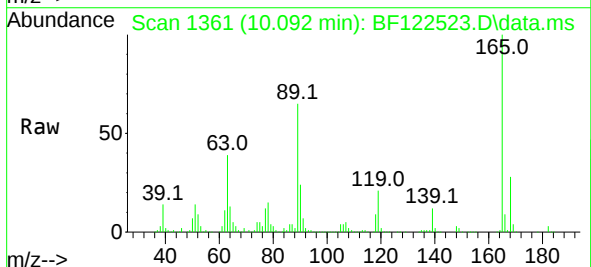
Instrument :  
BNA\_F  
ClientSampleId :  
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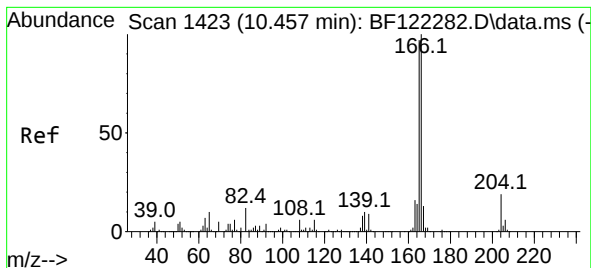
Tgt Ion:139 Resp: 521774  
Ion Ratio Lower Upper  
139 100  
109 68.1 45.4 85.4  
65 82.4 68.4 108.4



#57  
2,4-Dinitrotoluene  
Concen: 49.57 ng  
RT: 10.092 min Scan# 1361  
Delta R.T. 0.006 min  
Lab File: BF122523.D  
Acq: 1 Dec 2020 15:39

Tgt Ion:165 Resp: 420156  
Ion Ratio Lower Upper  
165 100  
63 38.6 41.3 61.9#  
89 65.1 61.8 92.8  
182 2.6 2.1 3.1





#58

Fluorene

Concen: 43.32 ng

RT: 10.451 min Scan# 1422

Delta R.T. -0.000 min

Lab File: BF122523.D

Acq: 1 Dec 2020 15:39

Tgt Ion:166 Resp: 1237826

Ion Ratio Lower Upper

166 100

165 100.0 79.1 118.7

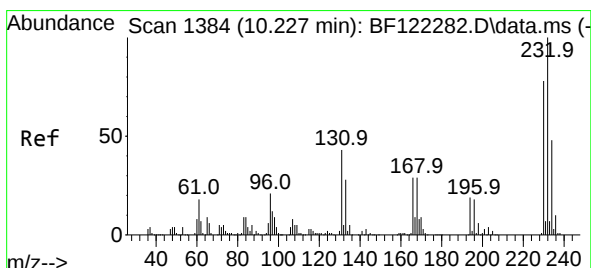
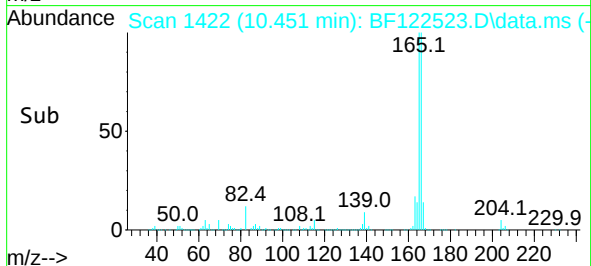
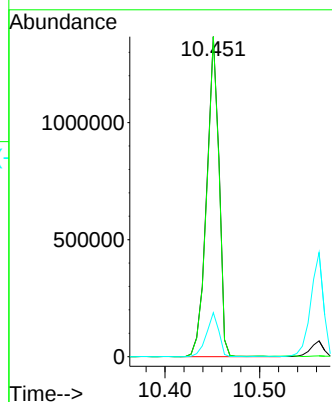
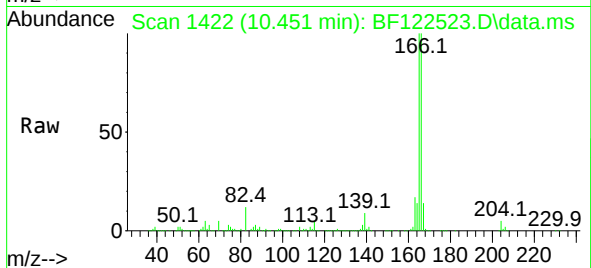
167 13.7 11.0 16.6

Instrument :

BNA\_F

ClientSampleId :

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#59

2,3,4,6-Tetrachlorophenol

Concen: 49.37 ng

RT: 10.227 min Scan# 1384

Delta R.T. -0.000 min

Lab File: BF122523.D

Acq: 1 Dec 2020 15:39

Tgt Ion:232 Resp: 364984

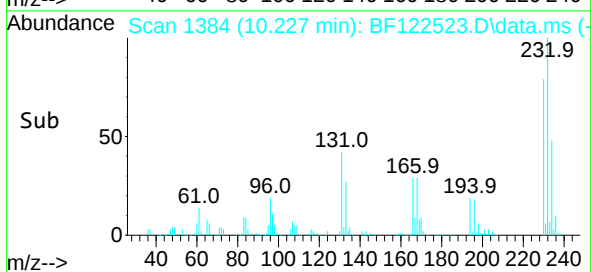
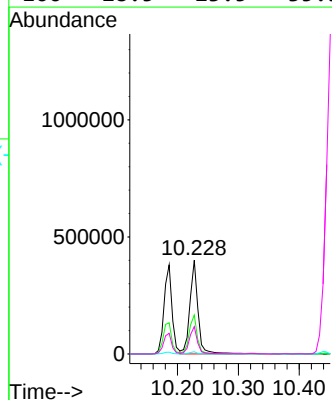
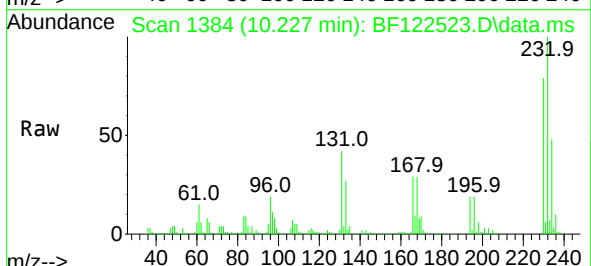
Ion Ratio Lower Upper

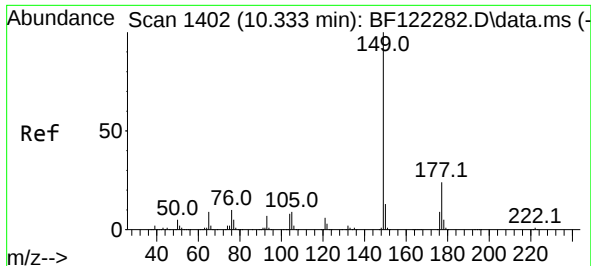
232 100

131 41.2 35.9 53.9

130 2.1 1.8 2.6

166 28.5 23.5 35.3

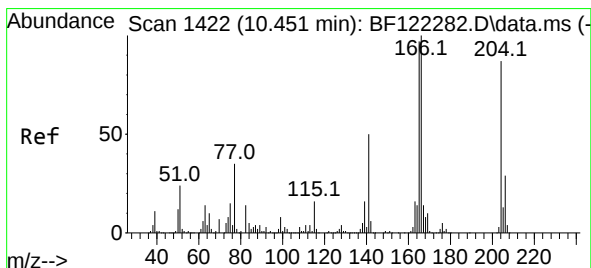
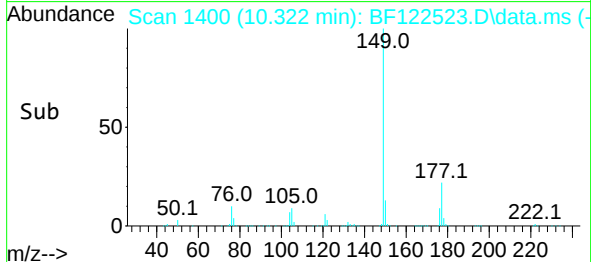
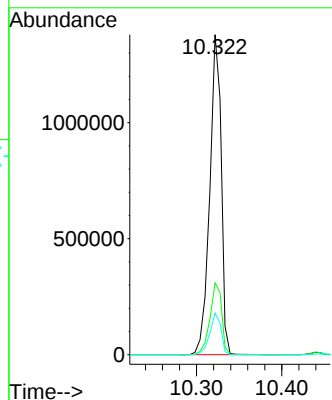
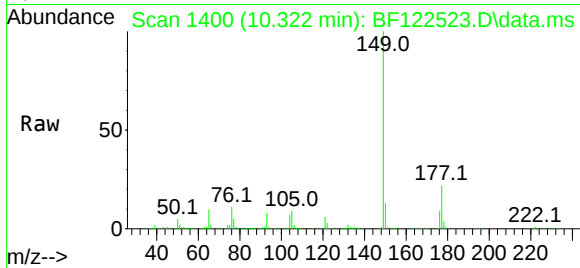




#60  
Diethylphthalate  
Concen: 43.60 ng  
RT: 10.322 min Scan# 1400  
Delta R.T. -0.000 min  
Lab File: BF122523.D  
Acq: 1 Dec 2020 15:39

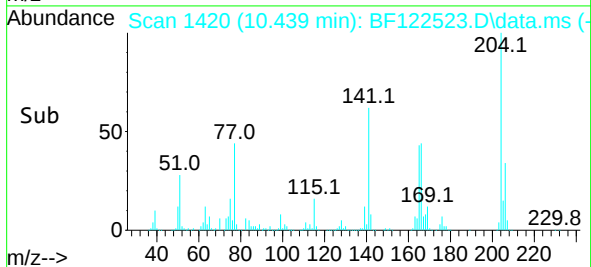
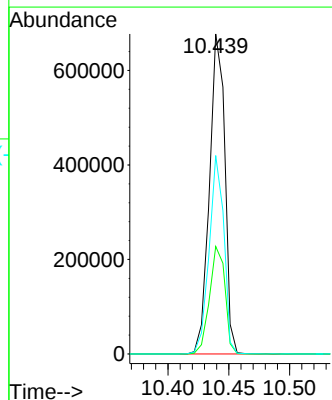
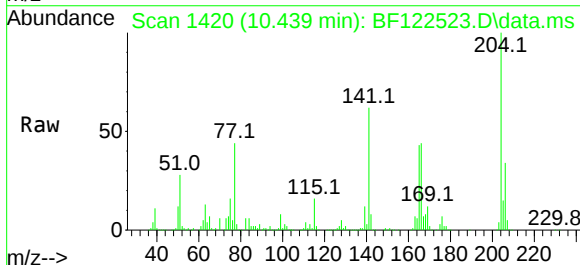
Instrument :  
BNA\_F  
ClientSampleId :  
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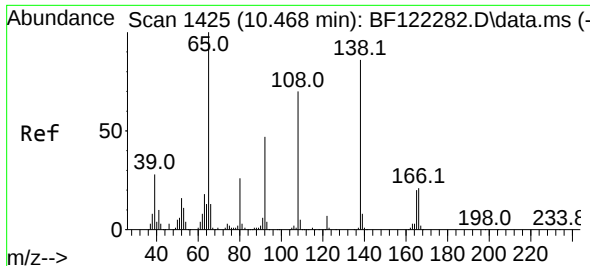
Tgt Ion:149 Resp: 1288311  
Ion Ratio Lower Upper  
149 100  
177 22.5 18.1 27.1  
150 13.0 10.3 15.5



#61  
4-Chlorophenyl-phenylether  
Concen: 44.05 ng  
RT: 10.439 min Scan# 1420  
Delta R.T. -0.006 min  
Lab File: BF122523.D  
Acq: 1 Dec 2020 15:39

Tgt Ion:204 Resp: 594196  
Ion Ratio Lower Upper  
204 100  
206 33.6 26.0 39.0  
141 62.0 46.2 69.4

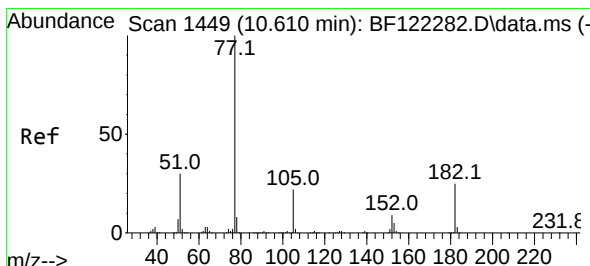
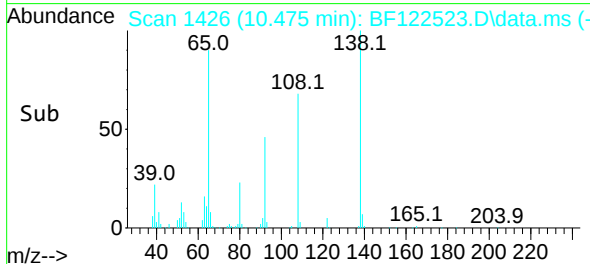
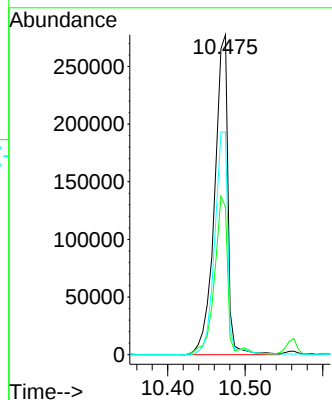
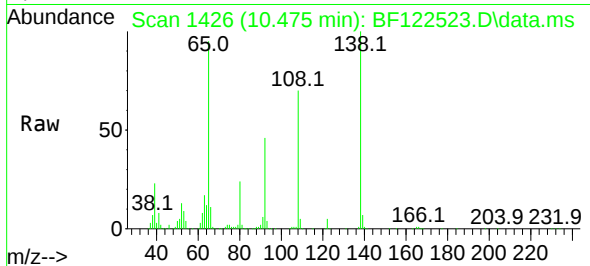




#62  
4-Nitroaniline  
Concen: 44.77 ng  
RT: 10.475 min Scan# 1426  
Delta R.T. -0.000 min  
Lab File: BF122523.D  
Acq: 1 Dec 2020 15:39

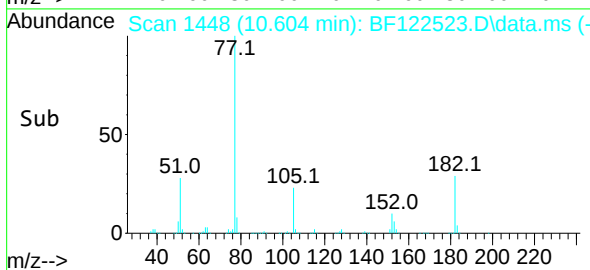
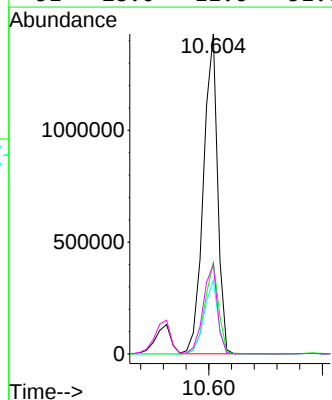
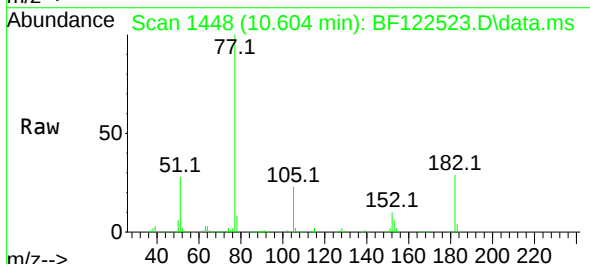
Instrument :  
BNA\_F  
ClientSampleId :  
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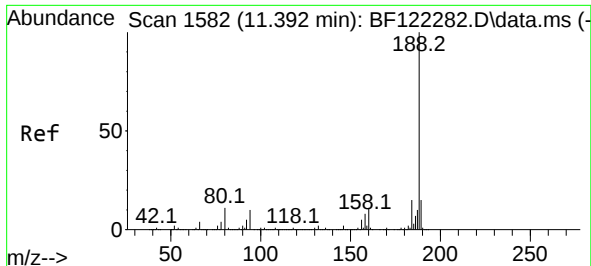
Tgt Ion:138 Resp: 332576  
Ion Ratio Lower Upper  
138 100  
92 46.1 31.0 71.0  
108 69.7 51.5 91.5



#63  
Azobenzene  
Concen: 39.92 ng  
RT: 10.604 min Scan# 1448  
Delta R.T. -0.000 min  
Lab File: BF122523.D  
Acq: 1 Dec 2020 15:39

Tgt Ion: 77 Resp: 1237398  
Ion Ratio Lower Upper  
77 100  
182 28.7 3.4 43.4  
105 23.0 1.7 41.7  
51 28.0 11.6 51.6

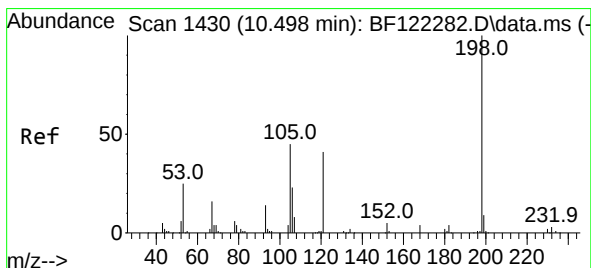
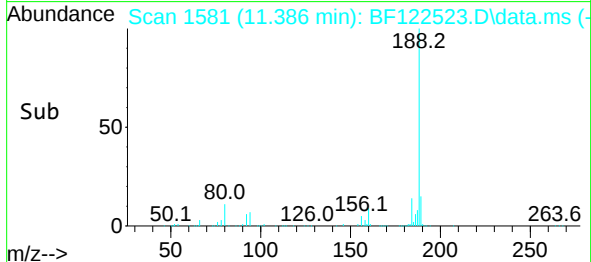
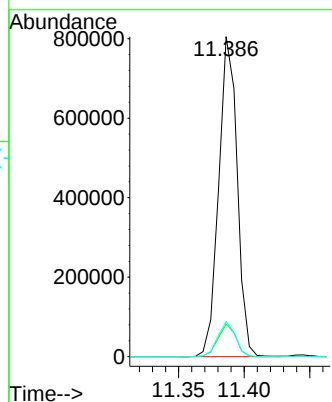
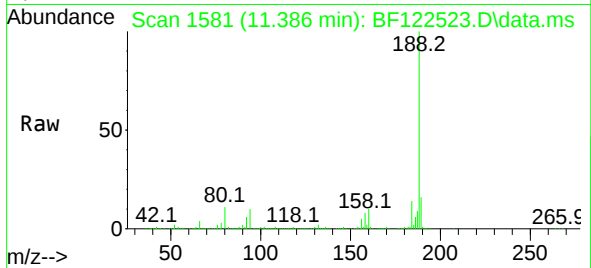




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.386 min Scan# 1581  
Delta R.T. -0.000 min  
Lab File: BF122523.D  
Acq: 1 Dec 2020 15:39

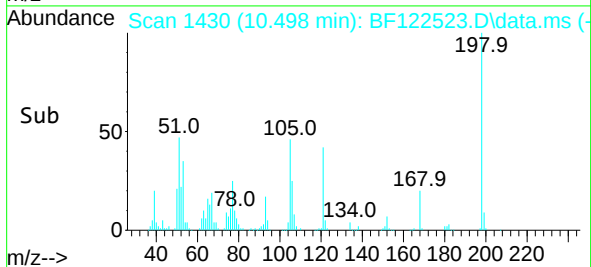
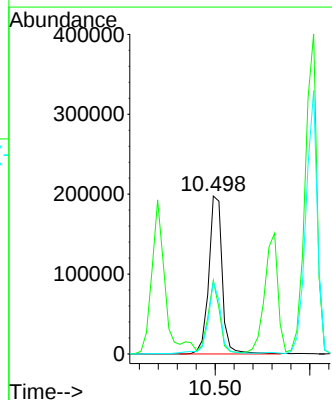
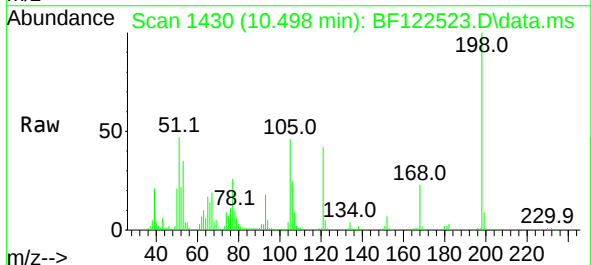
Instrument :  
BNA\_F  
ClientSampleId :  
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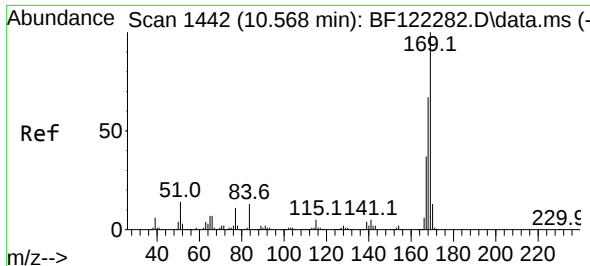
Tgt Ion:188 Resp: 787179  
Ion Ratio Lower Upper  
188 100  
94 10.2 8.3 12.5  
80 11.0 9.1 13.7



#65  
4,6-Dinitro-2-methylphenol  
Concen: 54.07 ng  
RT: 10.498 min Scan# 1430  
Delta R.T. -0.000 min  
Lab File: BF122523.D  
Acq: 1 Dec 2020 15:39

Tgt Ion:198 Resp: 193338  
Ion Ratio Lower Upper  
198 100  
51 46.5 29.6 69.6  
105 45.7 24.4 64.4

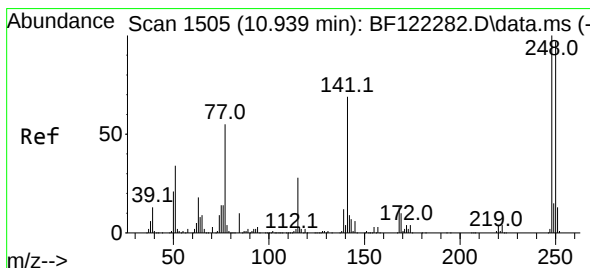
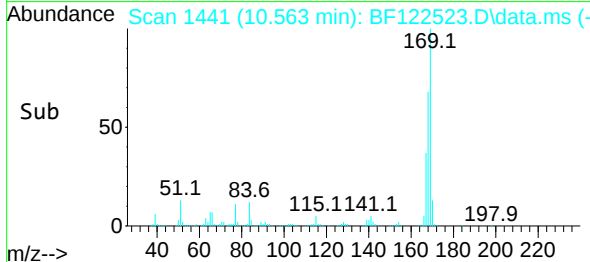
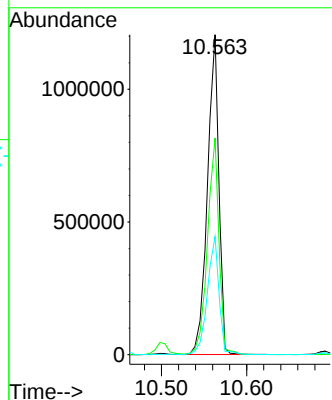
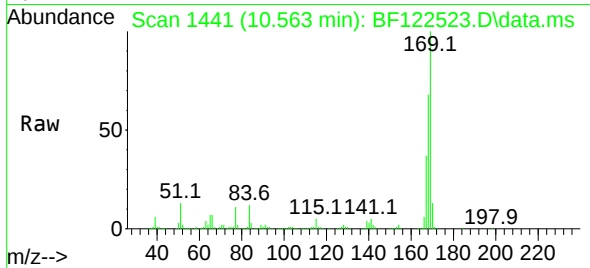




#66  
n-Nitrosodiphenylamine  
Concen: 41.86 ng  
RT: 10.563 min Scan# 1441  
Delta R.T. -0.000 min  
Lab File: BF122523.D  
Acq: 1 Dec 2020 15:39

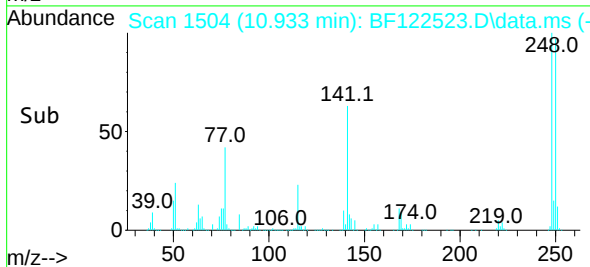
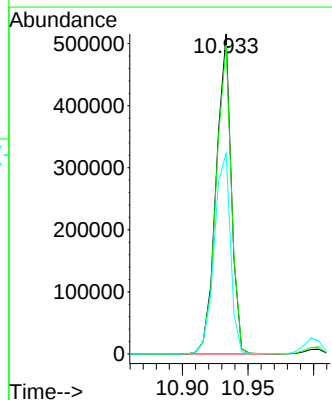
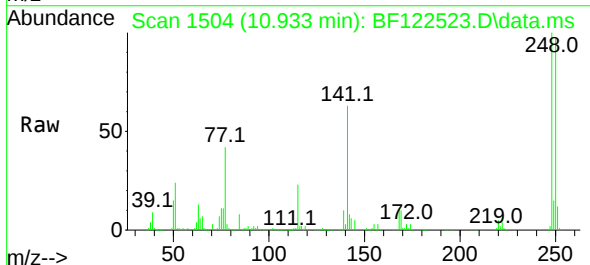
Instrument :  
BNA\_F  
ClientSampleId :  
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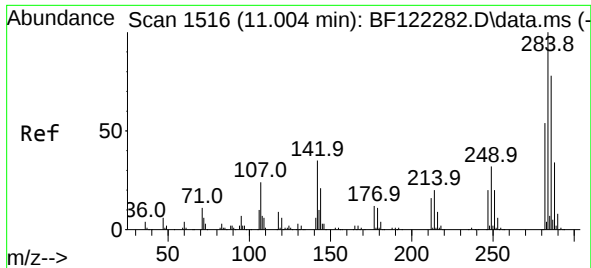
Tgt Ion:169 Resp: 1122788  
Ion Ratio Lower Upper  
169 100  
168 67.8 50.0 75.0  
167 36.9 27.8 41.6



#67  
4-Bromophenyl-phenylether  
Concen: 44.57 ng  
RT: 10.933 min Scan# 1504  
Delta R.T. -0.000 min  
Lab File: BF122523.D  
Acq: 1 Dec 2020 15:39

Tgt Ion:248 Resp: 412299  
Ion Ratio Lower Upper  
248 100  
250 96.5 77.0 115.6  
141 62.7 53.7 80.5

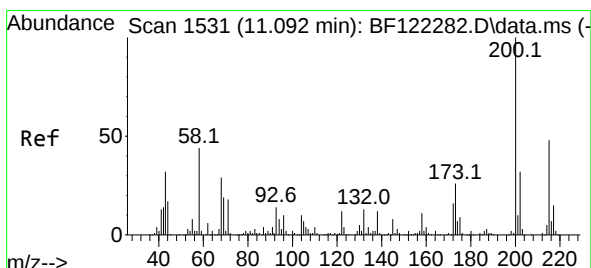
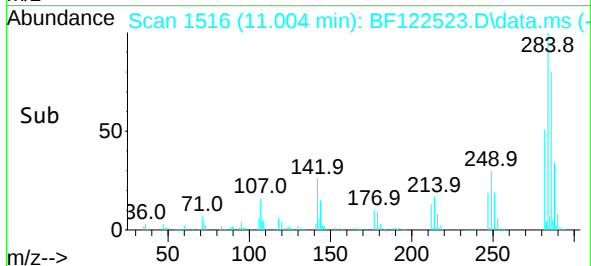
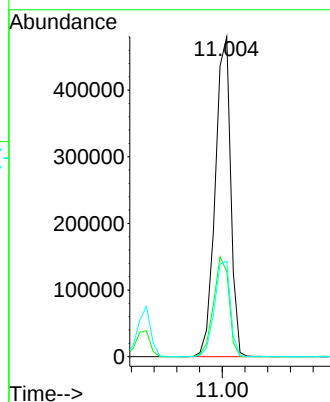
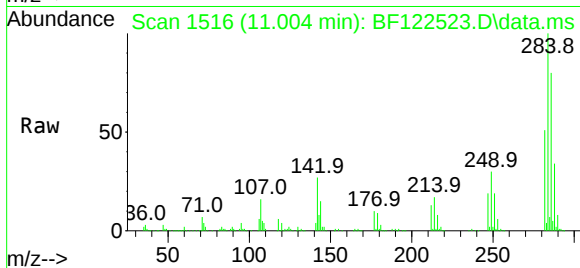




#68  
Hexachlorobenzene  
Concen: 45.37 ng  
RT: 11.004 min Scan# 1516  
Delta R.T. -0.000 min  
Lab File: BF122523.D  
Acq: 1 Dec 2020 15:39

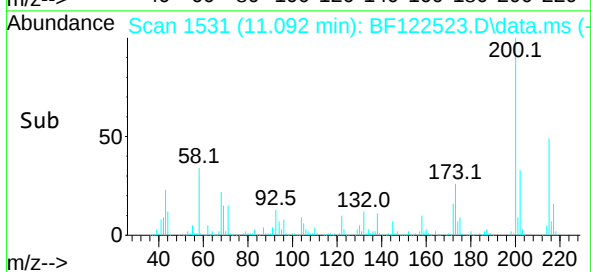
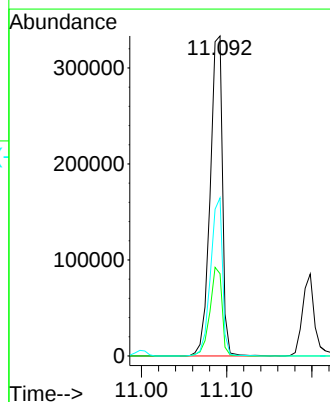
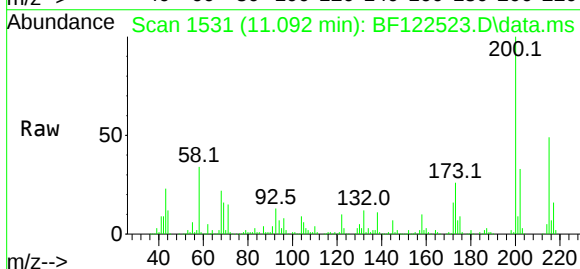
Instrument :  
BNA\_F  
ClientSampleId :  
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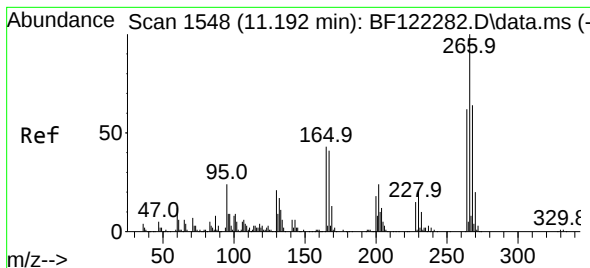
Tgt Ion:284 Resp: 453424  
Ion Ratio Lower Upper  
284 100  
142 26.7 27.4 41.2#  
249 29.8 24.2 36.4



#69  
Atrazine  
Concen: 49.91 ng  
RT: 11.092 min Scan# 1531  
Delta R.T. 0.006 min  
Lab File: BF122523.D  
Acq: 1 Dec 2020 15:39

Tgt Ion:200 Resp: 333343  
Ion Ratio Lower Upper  
200 100  
173 25.7 7.5 47.5  
215 49.4 27.1 67.1

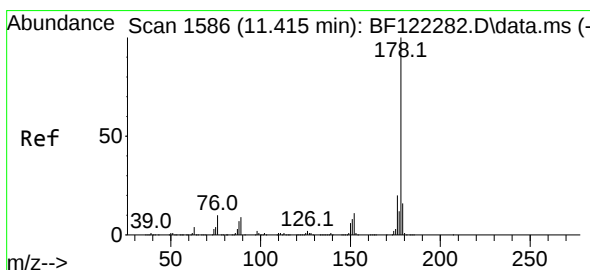
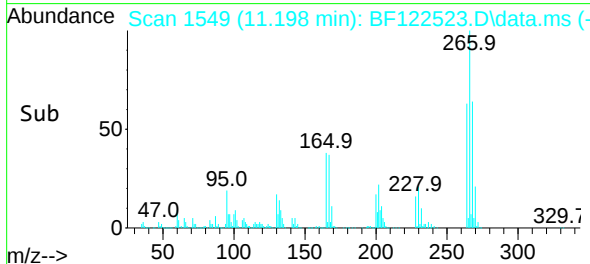
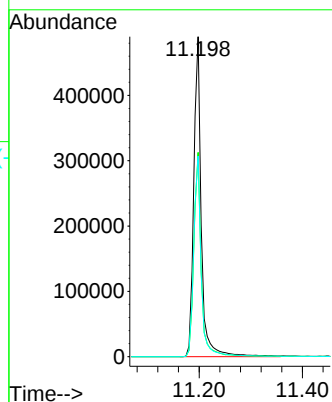
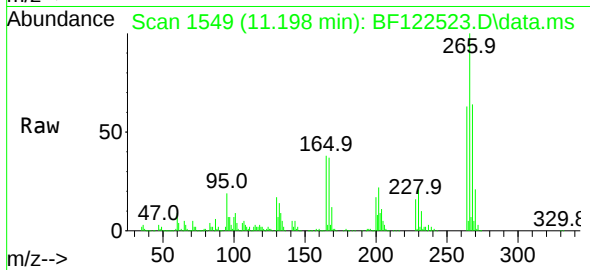




#70  
Pentachlorophenol  
Concen: 86.09 ng  
RT: 11.198 min Scan# 1549  
Delta R.T. 0.006 min  
Lab File: BF122523.D  
Acq: 1 Dec 2020 15:39

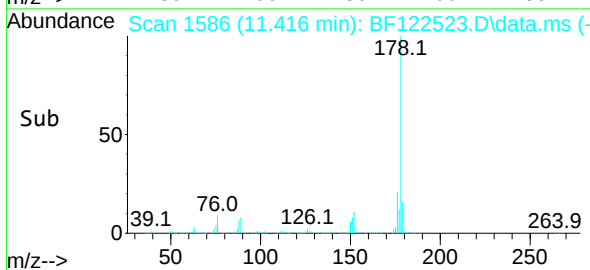
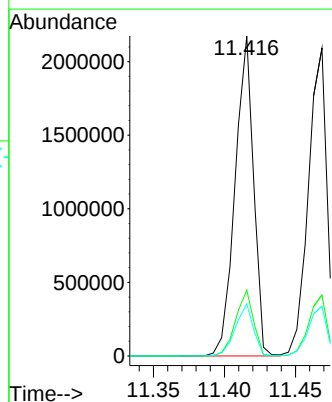
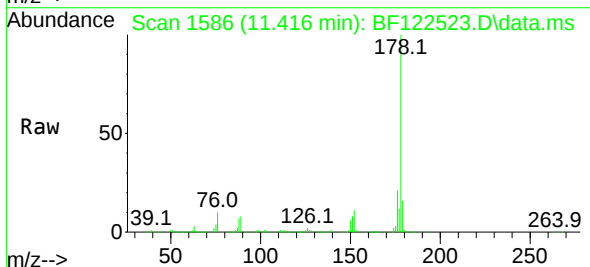
Instrument :  
BNA\_F  
ClientSampleId :  
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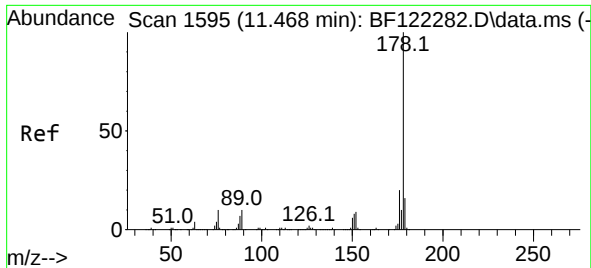
Tgt Ion:266 Resp: 495702  
Ion Ratio Lower Upper  
266 100  
268 63.8 52.4 78.6  
264 62.7 49.9 74.9



#71  
Phenanthrene  
Concen: 44.04 ng  
RT: 11.416 min Scan# 1586  
Delta R.T. -0.000 min  
Lab File: BF122523.D  
Acq: 1 Dec 2020 15:39

Tgt Ion:178 Resp: 1967025  
Ion Ratio Lower Upper  
178 100  
176 20.6 15.9 23.9  
179 16.2 12.2 18.4

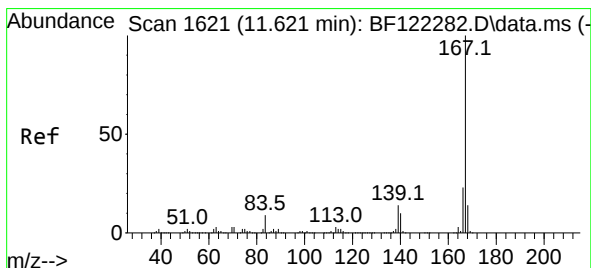
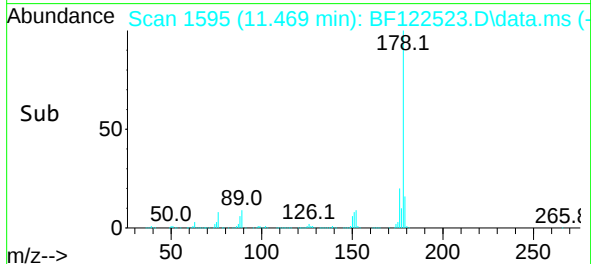
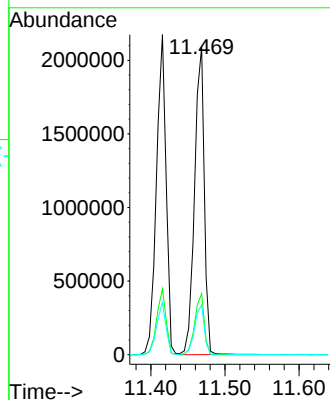
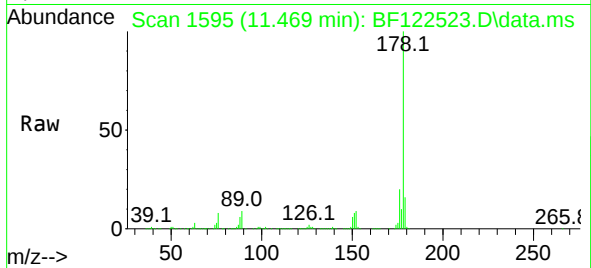




#72  
 Anthracene  
 Concen: 41.51 ng  
 RT: 11.469 min Scan# 1595  
 Delta R.T. -0.000 min  
 Lab File: BF122523.D  
 Acq: 1 Dec 2020 15:39

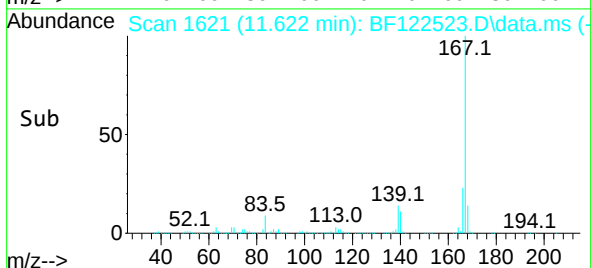
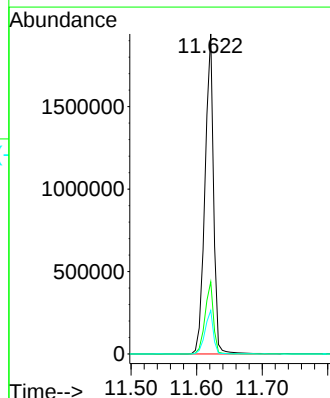
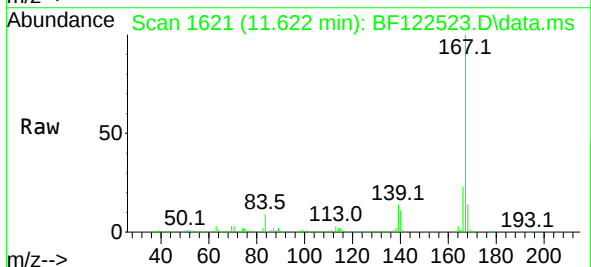
Instrument :  
 BNA\_F  
 ClientSampleId :  
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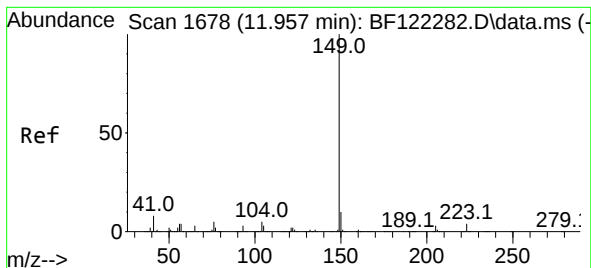
Tgt Ion:178 Resp: 1910663  
 Ion Ratio Lower Upper  
 178 100  
 176 19.8 15.7 23.5  
 179 16.2 12.7 19.1



#73  
 Carbazole  
 Concen: 42.27 ng  
 RT: 11.622 min Scan# 1621  
 Delta R.T. -0.000 min  
 Lab File: BF122523.D  
 Acq: 1 Dec 2020 15:39

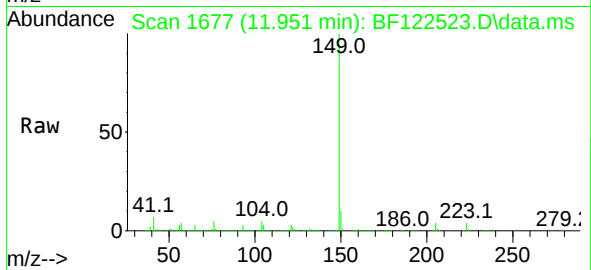
Tgt Ion:167 Resp: 1769898  
 Ion Ratio Lower Upper  
 167 100  
 166 22.6 17.8 26.6  
 139 13.6 10.8 16.2



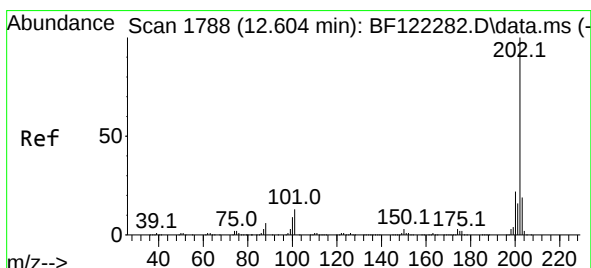
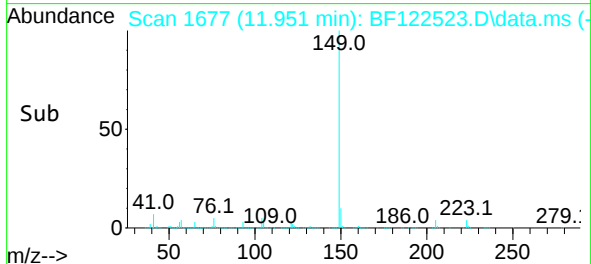
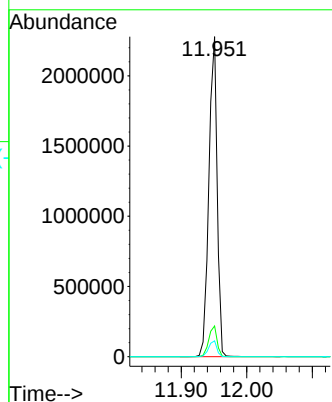


#74  
Di-n-butylphthalate  
Concen: 44.91 ng  
RT: 11.951 min Scan# 1677  
Delta R.T. -0.000 min  
Lab File: BF122523.D  
Acq: 1 Dec 2020 15:39

Instrument :  
BNA\_F  
ClientSampleId :  
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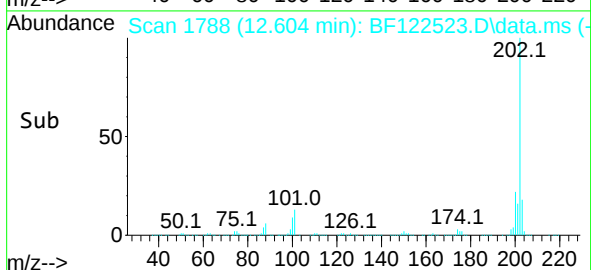
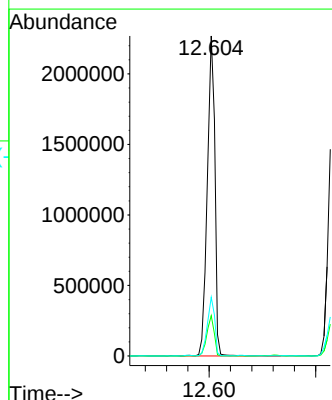
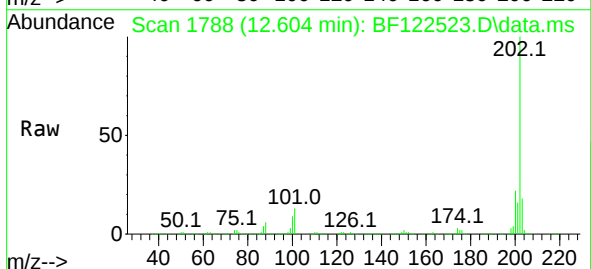


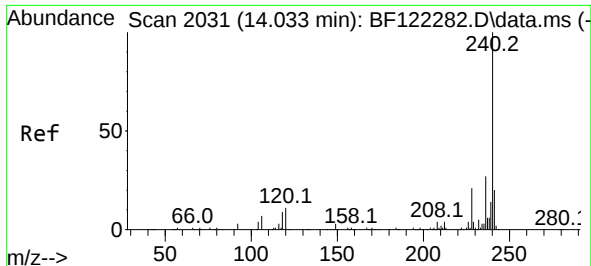
Tgt Ion:149 Resp: 2004726  
Ion Ratio Lower Upper  
149 100  
150 9.6 7.7 11.5  
104 5.0 4.2 6.2



#75  
Fluoranthene  
Concen: 47.74 ng  
RT: 12.604 min Scan# 1788  
Delta R.T. -0.000 min  
Lab File: BF122523.D  
Acq: 1 Dec 2020 15:39

Tgt Ion:202 Resp: 2225833  
Ion Ratio Lower Upper  
202 100  
101 12.6 0.0 33.4  
203 18.3 0.0 37.9

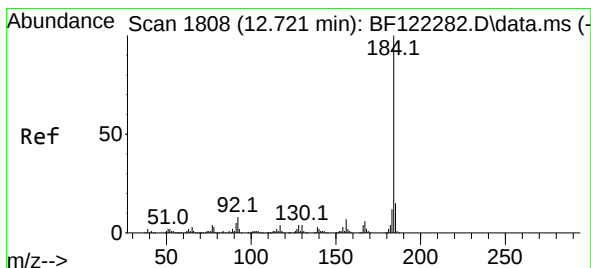
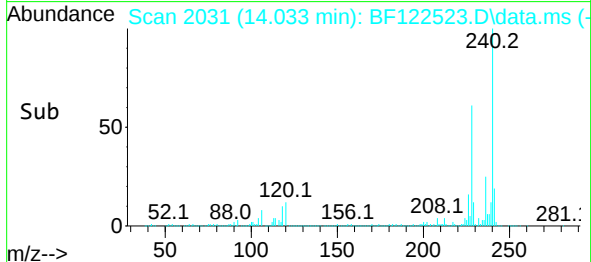
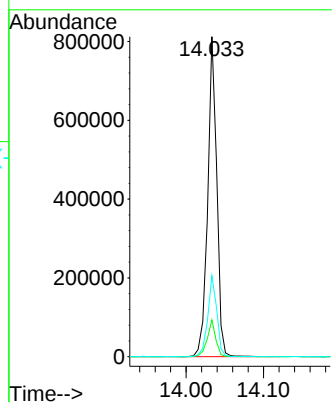
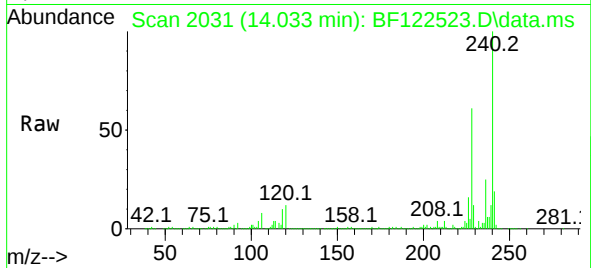




#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 14.033 min Scan# 2031  
Delta R.T. -0.000 min  
Lab File: BF122523.D  
Acq: 1 Dec 2020 15:39

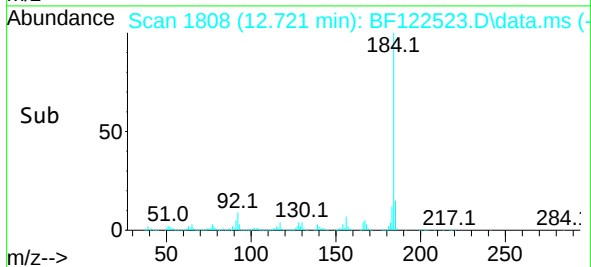
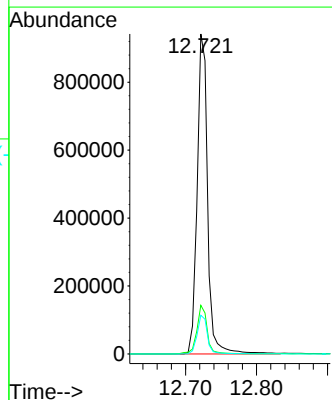
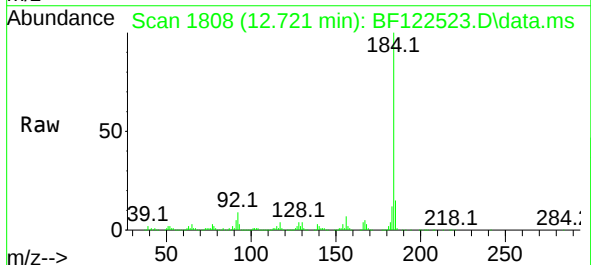
Instrument :  
BNA\_F  
ClientSampleId :  
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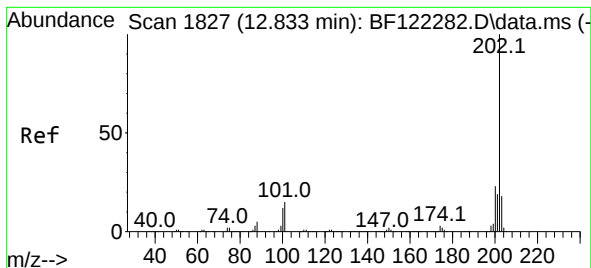
Tgt Ion:240 Resp: 659513  
Ion Ratio Lower Upper  
240 100  
120 11.5 9.2 13.8  
236 25.3 20.9 31.3



#77  
Benzidine  
Concen: 52.71 ng  
RT: 12.721 min Scan# 1808  
Delta R.T. -0.000 min  
Lab File: BF122523.D  
Acq: 1 Dec 2020 15:39

Tgt Ion:184 Resp: 964103  
Ion Ratio Lower Upper  
184 100  
185 15.2 11.6 17.4  
183 12.1 9.4 14.0

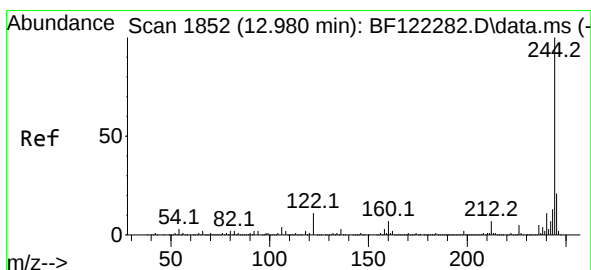
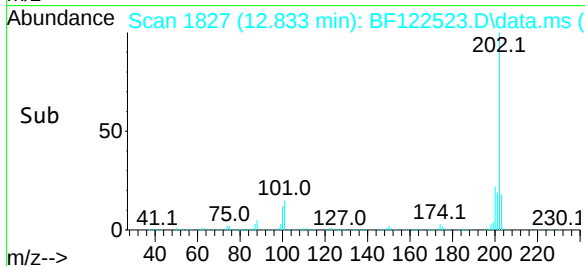
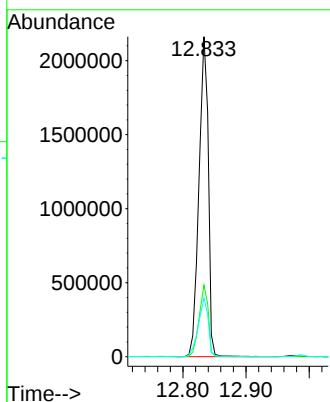
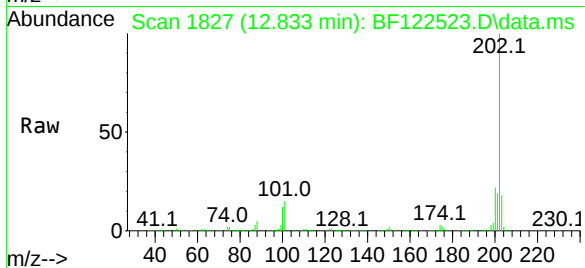




#78  
Pyrene  
Concen: 47.80 ng  
RT: 12.833 min Scan# 1827  
Delta R.T. -0.000 min  
Lab File: BF122523.D  
Acq: 1 Dec 2020 15:39

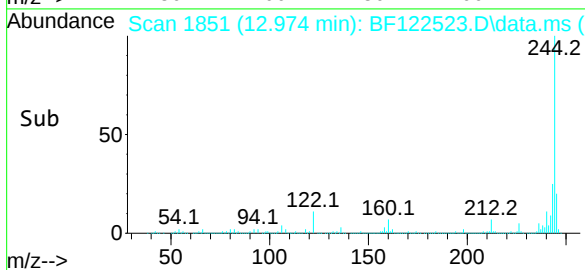
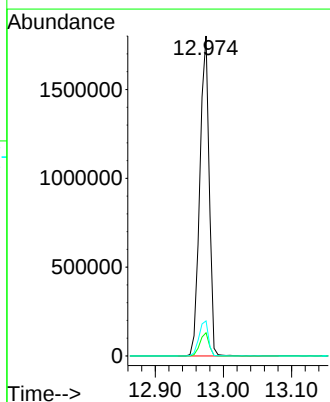
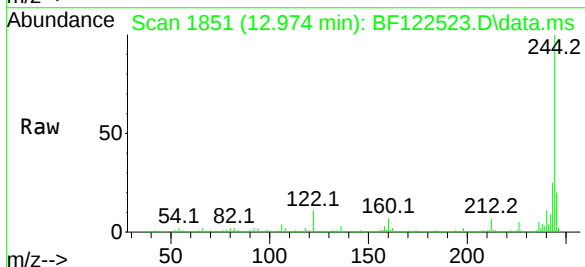
Instrument :  
BNA\_F  
ClientSampleId :  
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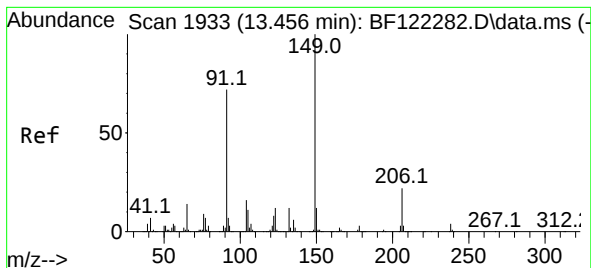
Tgt Ion:202 Resp: 2214603  
Ion Ratio Lower Upper  
202 100  
200 22.4 17.4 26.2  
203 18.3 14.6 21.8



#79  
Terphenyl-d14  
Concen: 55.23 ng  
RT: 12.974 min Scan# 1851  
Delta R.T. -0.000 min  
Lab File: BF122523.D  
Acq: 1 Dec 2020 15:39

Tgt Ion:244 Resp: 1719242  
Ion Ratio Lower Upper  
244 100  
212 7.2 5.4 8.2  
122 11.0 8.1 12.1

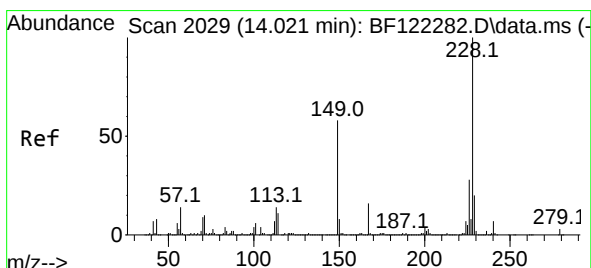
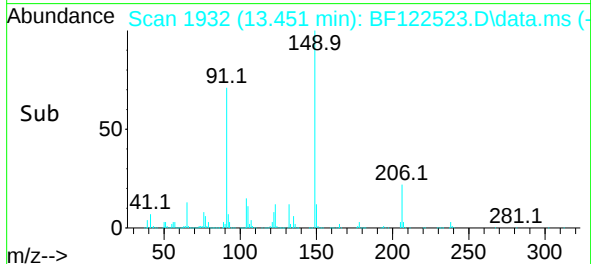
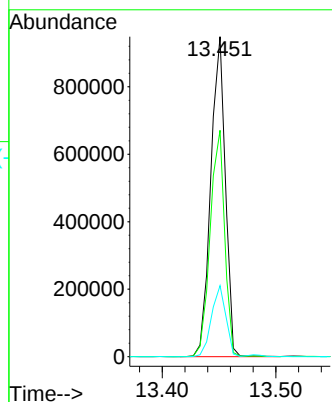
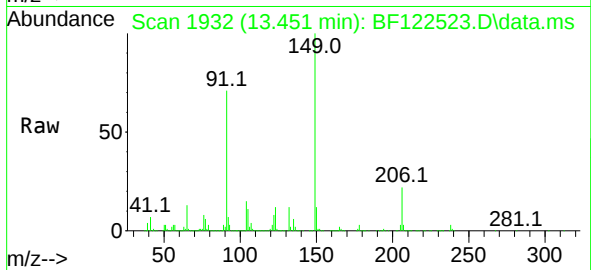




#80  
Butylbenzylphthalate  
Concen: 45.64 ng  
RT: 13.451 min Scan# 1932  
Delta R.T. -0.000 min  
Lab File: BF122523.D  
Acq: 1 Dec 2020 15:39

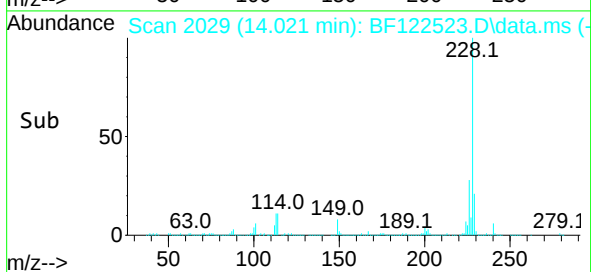
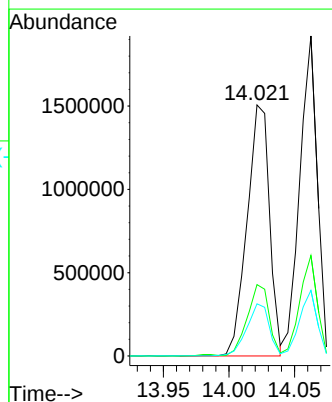
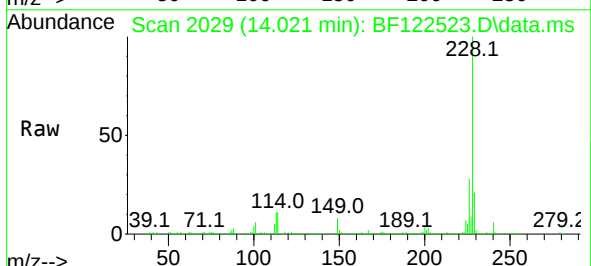
Instrument :  
BNA\_F  
ClientSampleId :  
4-DRUMMS

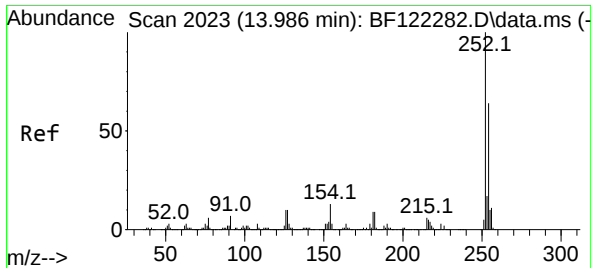
Tgt Ion:149 Resp: 844846  
Ion Ratio Lower Upper  
149 100  
91 70.7 61.0 91.4  
206 22.2 16.7 25.1



#81  
Benzo(a)anthracene  
Concen: 43.83 ng  
RT: 14.021 min Scan# 2029  
Delta R.T. -0.000 min  
Lab File: BF122523.D  
Acq: 1 Dec 2020 15:39

Tgt Ion:228 Resp: 1797562  
Ion Ratio Lower Upper  
228 100  
226 28.4 22.3 33.5  
229 20.8 16.2 24.4

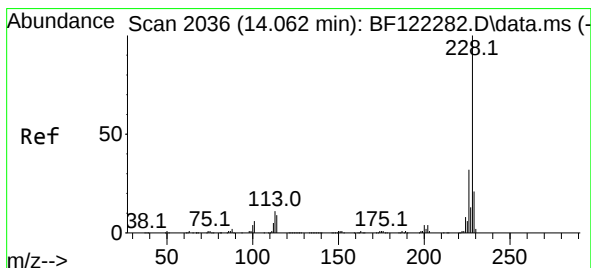
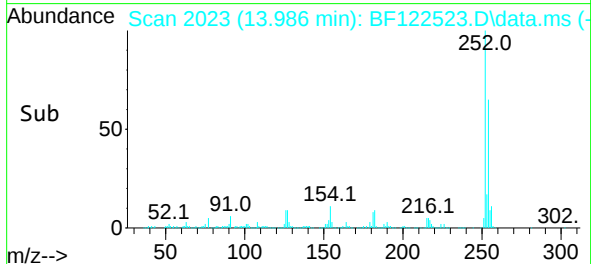
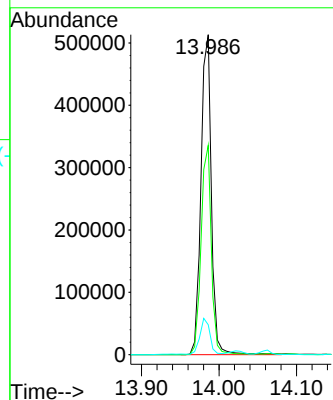
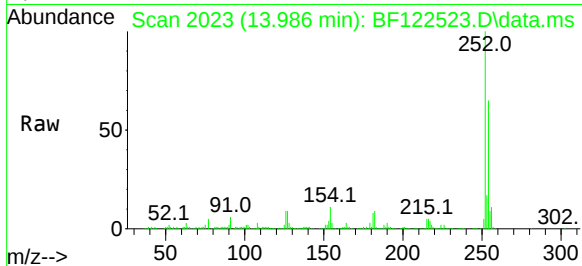




#82  
3,3'-Dichlorobenzidine  
Concen: 31.37 ng  
RT: 13.986 min Scan# 2023  
Delta R.T. -0.000 min  
Lab File: BF122523.D  
Acq: 1 Dec 2020 15:39

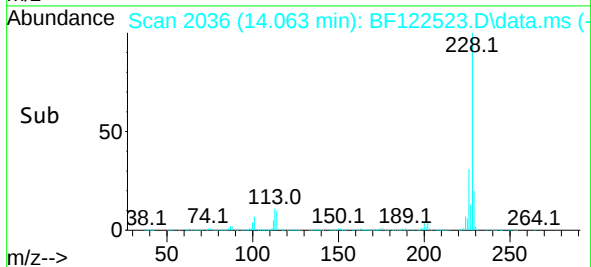
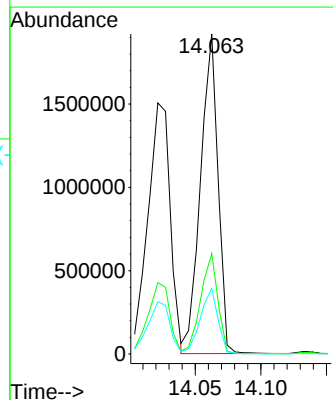
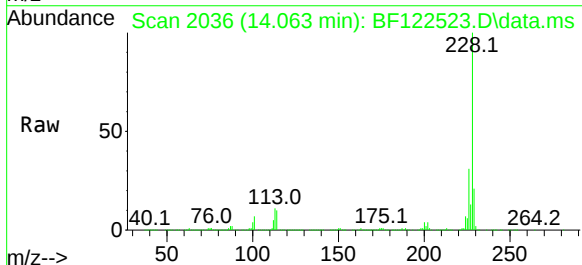
Instrument :  
BNA\_F  
ClientSampleId :  
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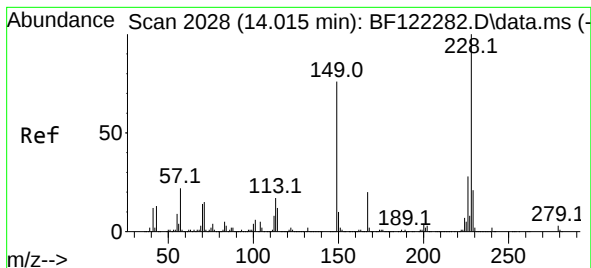
Tgt Ion:252 Resp: 479451  
Ion Ratio Lower Upper  
252 100  
254 65.4 51.8 77.6  
126 9.4 8.8 13.2



#83  
Chrysene  
Concen: 43.20 ng  
RT: 14.063 min Scan# 2036  
Delta R.T. -0.000 min  
Lab File: BF122523.D  
Acq: 1 Dec 2020 15:39

Tgt Ion:228 Resp: 1784720  
Ion Ratio Lower Upper  
228 100  
226 31.4 24.6 37.0  
229 20.5 15.9 23.9

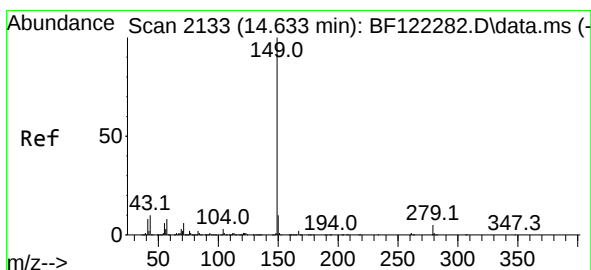
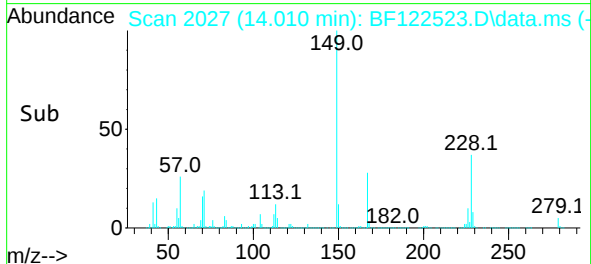
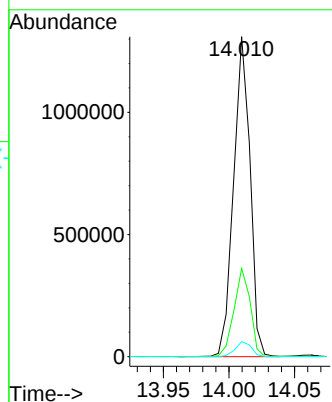
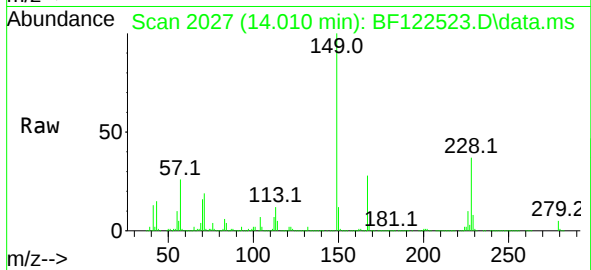




#84  
Bis(2-ethylhexyl)phthalate  
Concen: 51.27 ng  
RT: 14.010 min Scan# 2027  
Delta R.T. -0.000 min  
Lab File: BF122523.D  
Acq: 1 Dec 2020 15:39

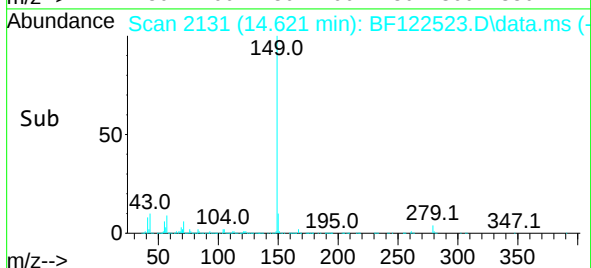
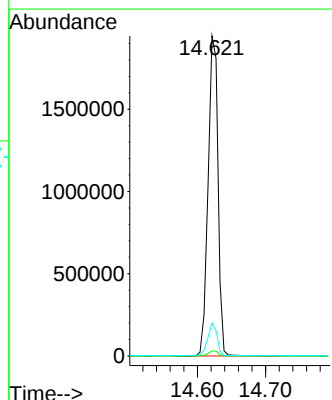
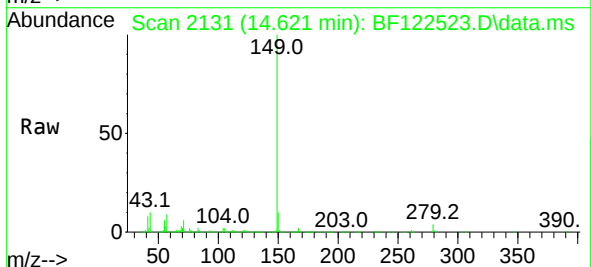
Instrument :  
BNA\_F  
ClientSampleId :  
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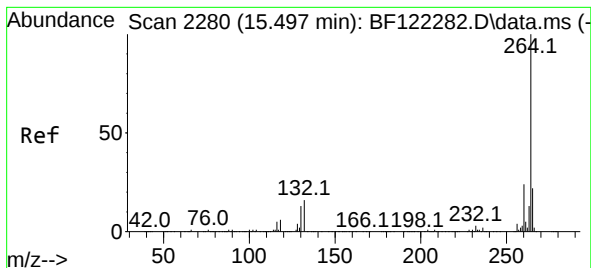
Tgt Ion:149 Resp: 1145327  
Ion Ratio Lower Upper  
149 100  
167 27.6 20.9 31.3  
279 4.7 3.2 4.8



#85  
Di-n-octyl phthalate  
Concen: 51.95 ng  
RT: 14.621 min Scan# 2131  
Delta R.T. -0.006 min  
Lab File: BF122523.D  
Acq: 1 Dec 2020 15:39

Tgt Ion:149 Resp: 1966799  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.2 1.8  
43 9.5 9.0 13.6

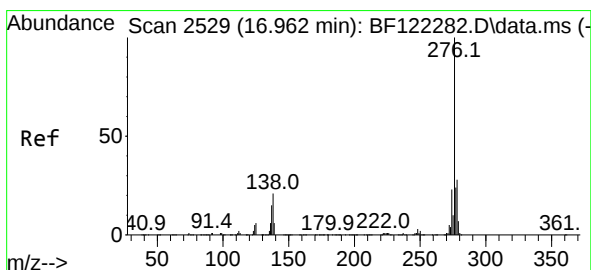
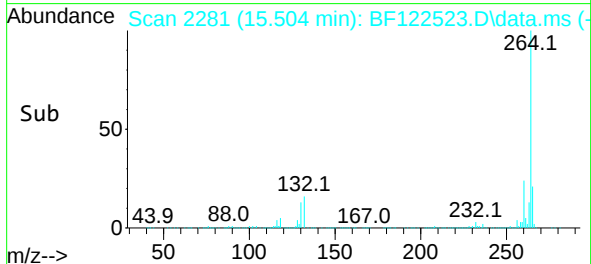
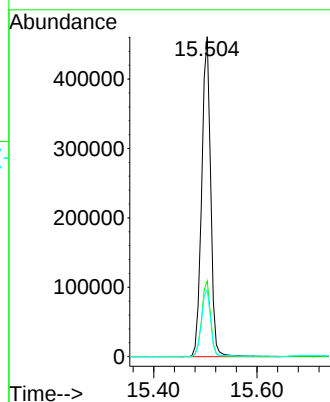
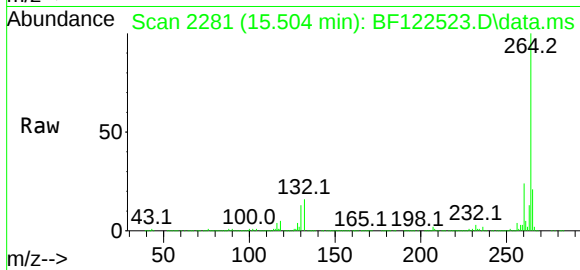




#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.504 min Scan# 2281  
Delta R.T. -0.000 min  
Lab File: BF122523.D  
Acq: 1 Dec 2020 15:39

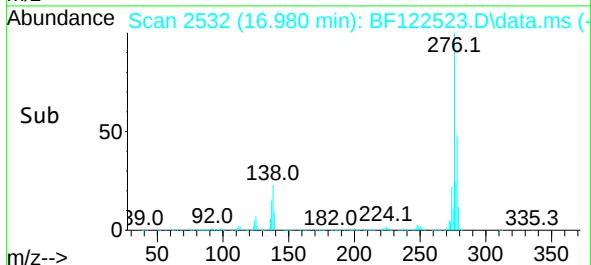
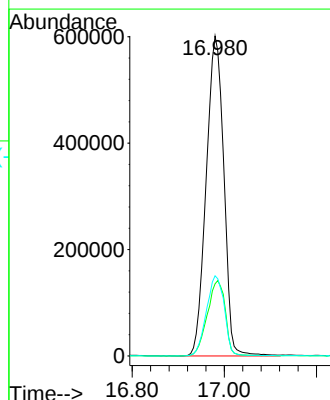
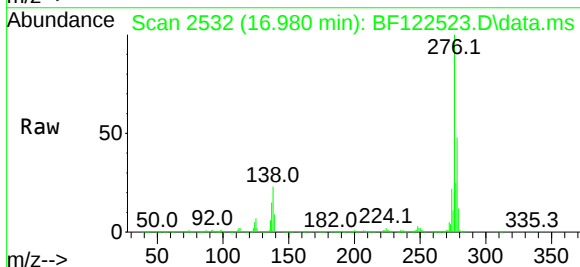
Instrument :  
BNA\_F  
ClientSampleId :  
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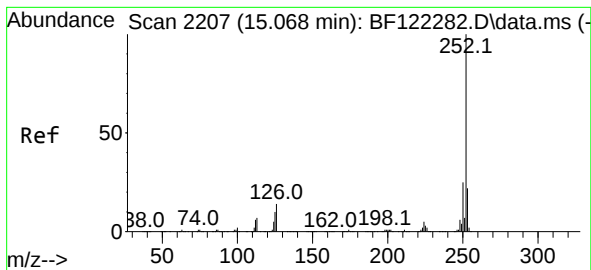
Tgt Ion:264 Resp: 554173  
Ion Ratio Lower Upper  
264 100  
260 23.7 18.7 28.1  
265 20.9 17.3 25.9



#87  
Indeno(1,2,3-cd)pyrene  
Concen: 48.19 ng  
RT: 16.980 min Scan# 2532  
Delta R.T. 0.006 min  
Lab File: BF122523.D  
Acq: 1 Dec 2020 15:39

Tgt Ion:276 Resp: 1602280  
Ion Ratio Lower Upper  
276 100  
138 24.2 19.9 29.9  
277 25.5 20.4 30.6





#88

Benzo(b)fluoranthene

Concen: 49.37 ng

RT: 15.074 min Scan# 2208

Delta R.T. -0.000 min

Lab File: BF122523.D

Acq: 1 Dec 2020 15:39

Tgt Ion:252 Resp: 1771937

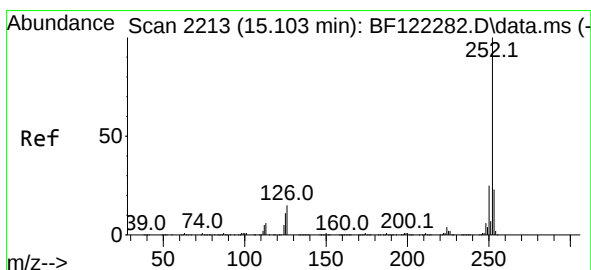
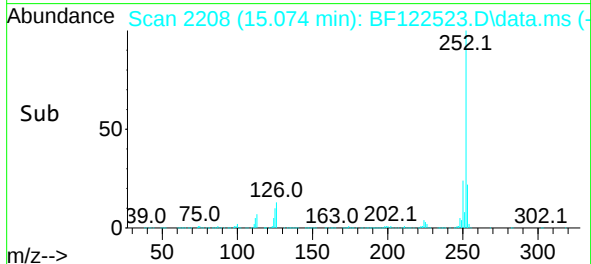
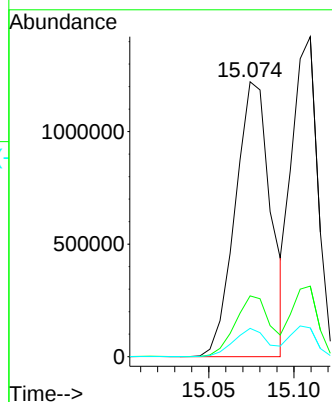
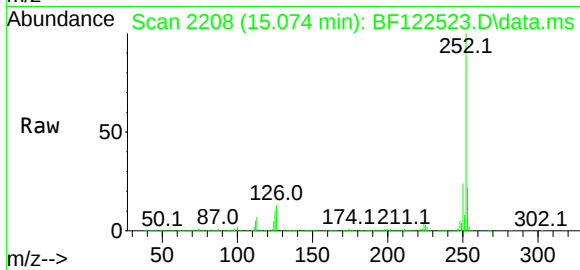
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.1  | 18.2  | 27.2  |
| 125 | 10.3  | 8.0   | 12.0  |

Instrument :

BNA\_F

ClientSampleId :

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#89

Benzo(k)fluoranthene

Concen: 42.45 ng

RT: 15.110 min Scan# 2214

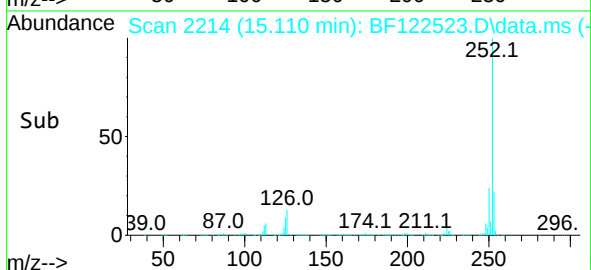
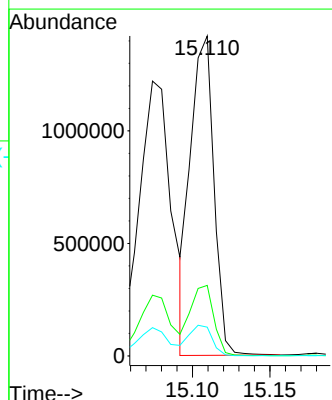
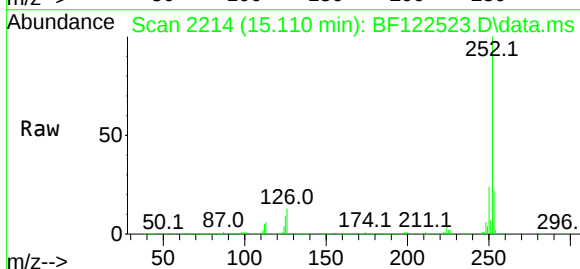
Delta R.T. -0.000 min

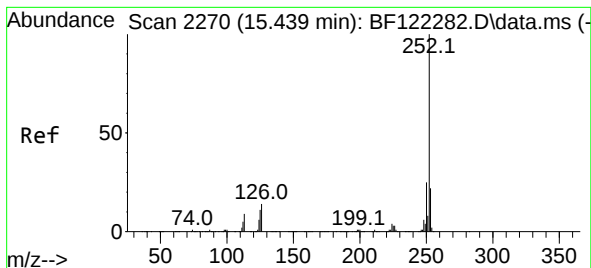
Lab File: BF122523.D

Acq: 1 Dec 2020 15:39

Tgt Ion:252 Resp: 1485783

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.1  | 17.8  | 26.6  |
| 125 | 9.0   | 7.7   | 11.5  |





#90

Benzo(a)pyrene

Concen: 44.07 ng

RT: 15.445 min Scan# 2271

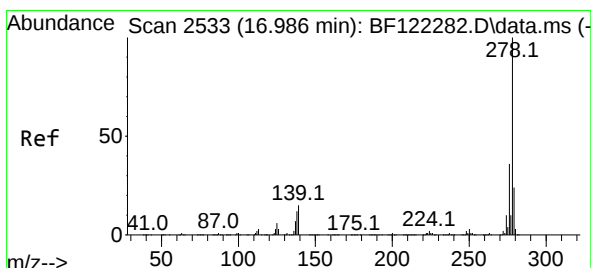
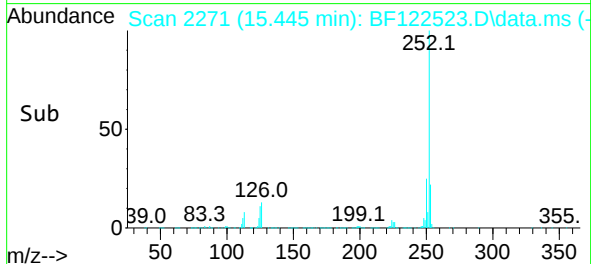
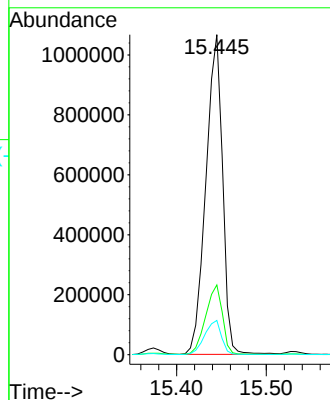
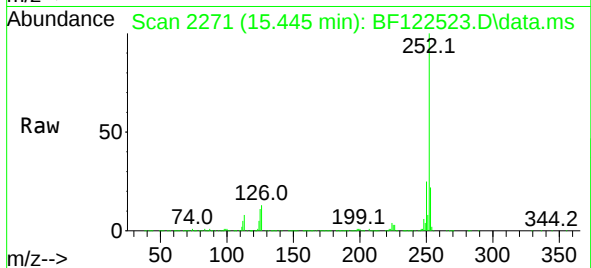
Delta R.T. -0.000 min

Lab File: BF122523.D

Acq: 1 Dec 2020 15:39

Tgt Ion:252 Resp: 1378857

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 21.8  | 17.3  | 25.9  |
| 125 | 10.7  | 8.6   | 13.0  |



#91

Dibenzo(a,h)anthracene

Concen: 46.95 ng

RT: 16.998 min Scan# 2535

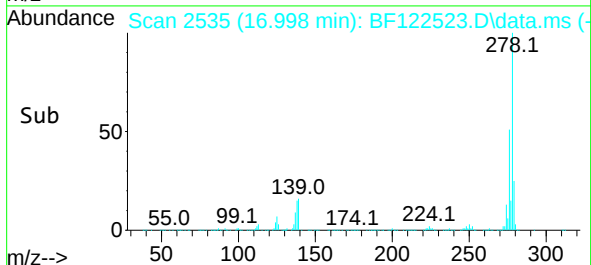
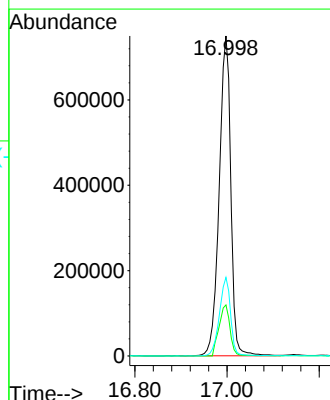
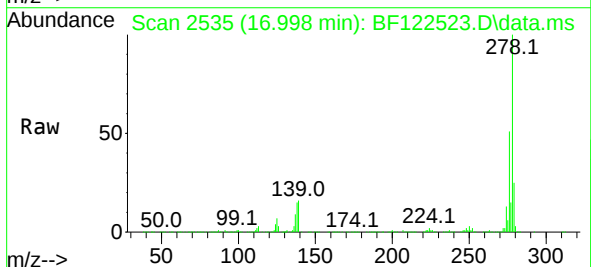
Delta R.T. 0.006 min

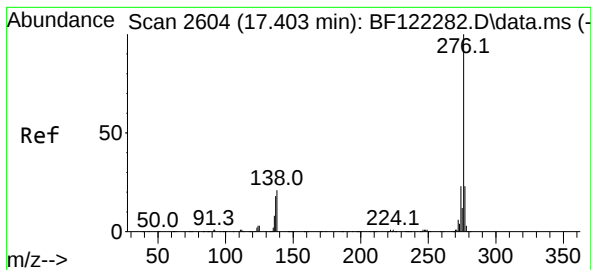
Lab File: BF122523.D

Acq: 1 Dec 2020 15:39

Tgt Ion:278 Resp: 1307523

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 16.0  | 13.0  | 19.4  |
| 279 | 24.6  | 19.0  | 28.4  |





#92

Benzo(g,h,i)perylene

Concen: 50.07 ng

RT: 17.427 min Scan# 2608

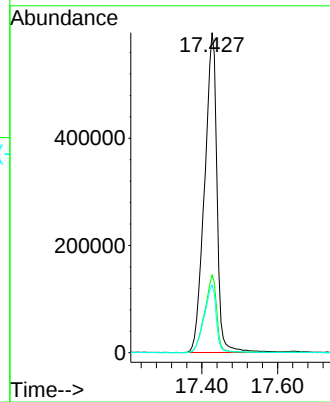
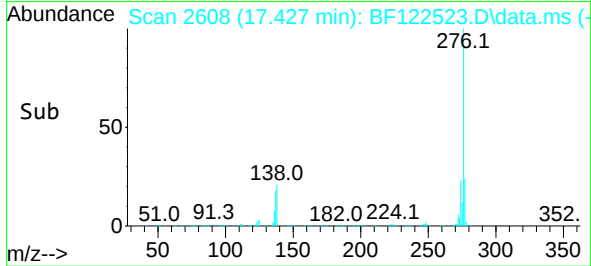
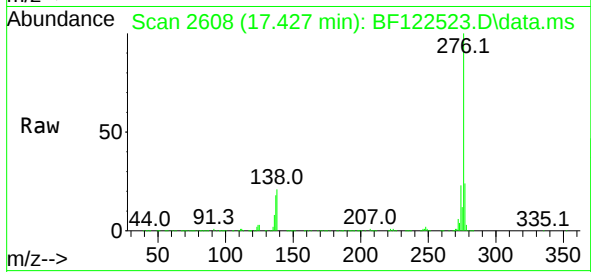
Delta R.T. 0.006 min

Lab File: BF122523.D

Acq: 1 Dec 2020 15:39

Tgt Ion:276 Resp: 1356174

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 24.3  | 19.4  | 29.2  |
| 138 | 21.1  | 17.8  | 26.6  |



Instrument :  
BNA\_F  
ClientSampleId :  
4-DRUMMS