

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF111720\  
 Data File : BF122347.D  
 Acq On : 17 Nov 2020 15:47  
 Operator : JU/CG  
 Sample : L4586-01MSD  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 R-LA-33-4-WCMSD

Quant Time: Nov 17 16:15:23 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 10 12:25:42 2020  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.863  | 152  | 256618   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.151  | 136  | 994276   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.910  | 164  | 544301   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.392 | 188  | 1046544  | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.033 | 240  | 844490   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12              | 15.503 | 264  | 762305   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.486  | 112  | 2018919  | 120.80 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.492  | 99   | 2678564  | 122.52 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.433  | 82   | 1633770  | 100.59 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.698 | 330  | 813278   | 139.22 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.233  | 172  | 2769732  | 79.51  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.980 | 244  | 3140191  | 78.78  | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.687  | 88   | 325375   | 42.45  | ng    | 91       |
| 3) Pyridine                   | 3.428  | 79   | 912439   | 43.29  | ng    | 92       |
| 4) n-Nitrosodimethylamine     | 3.381  | 42   | 441237   | 44.40  | ng    | 95       |
| 6) Aniline                    | 6.528  | 93   | 739669   | 25.78  | ng    | 96       |
| 8) 2-Chlorophenol             | 6.651  | 128  | 862139   | 49.74  | ng    | 89       |
| 9) Benzaldehyde               | 6.410  | 77   | 154366   | 9.91   | ng    | 95       |
| 10) Phenol                    | 6.504  | 94   | 1096216  | 50.92  | ng    | 79       |
| 11) bis(2-Chloroethyl)ether   | 6.598  | 93   | 797227   | 46.59  | ng    | 96       |
| 12) 1,3-Dichlorobenzene       | 6.810  | 146  | 909779   | 46.24  | ng    | 95       |
| 13) 1,4-Dichlorobenzene       | 6.886  | 146  | 906001   | 45.84  | ng    | 96       |
| 14) 1,2-Dichlorobenzene       | 7.039  | 146  | 881057   | 47.76  | ng    | 98       |
| 15) Benzyl Alcohol            | 7.004  | 79   | 740663   | 47.65  | ng    | 100      |
| 16) 2,2'-oxybis(1-Chloropr... | 7.139  | 45   | 1127409  | 45.20  | ng    | 99       |
| 17) 2-Methylphenol            | 7.116  | 107  | 701177   | 48.47  | ng    | 99       |
| 18) Hexachloroethane          | 7.380  | 117  | 322847   | 46.90  | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 7.280  | 70   | 597965   | 45.77  | ng    | 96       |
| 20) 3+4-Methylphenols         | 7.269  | 107  | 855638   | 48.06  | ng    | # 81     |
| 22) Acetophenone              | 7.275  | 105  | 1106375  | 42.72  | ng    | # 91     |
| 24) Nitrobenzene              | 7.451  | 77   | 906465   | 48.78  | ng    | 94       |
| 25) Isophorone                | 7.692  | 82   | 1570010  | 43.36  | ng    | 96       |
| 26) 2-Nitrophenol             | 7.763  | 139  | 434808   | 53.06  | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 7.798  | 122  | 740210   | 43.34  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.898  | 93   | 984811   | 44.47  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.004  | 162  | 735033   | 48.61  | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 8.092  | 180  | 752777   | 45.11  | ng    | 97       |
| 31) Naphthalene               | 8.175  | 128  | 2334995  | 44.17  | ng    | 98       |
| 32) Benzoic acid              | 7.927  | 122  | 563451   | 57.68  | ng    | 99       |
| 33) 4-Chloroaniline           | 8.216  | 127  | 291868   | 12.68  | ng    | 97       |
| 34) Hexachlorobutadiene       | 8.292  | 225  | 431670   | 45.00  | ng    | 100      |
| 36) 4-Chloro-3-methylphenol   | 8.698  | 107  | 763861   | 48.44  | ng    | 97       |
| 37) 2-Methylnaphthalene       | 8.869  | 142  | 1576034  | 45.13  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 8.963  | 142  | 1468507  | 44.92  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.033  | 216  | 718655   | 42.85  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.022  | 237  | 809810   | 82.58  | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.139  | 196  | 529120   | 48.58  | ng    | 100      |
| 44) 2,4,5-Trichlorophenol     | 9.180  | 196  | 563561   | 49.35  | ng    | 99       |

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 Sample : L4586-01MSD  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
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 ClientSampleId :  
 R-LA-33-4-WCMSD

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF110920.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 10 12:25:42 2020  
 Response via : Initial Calibration

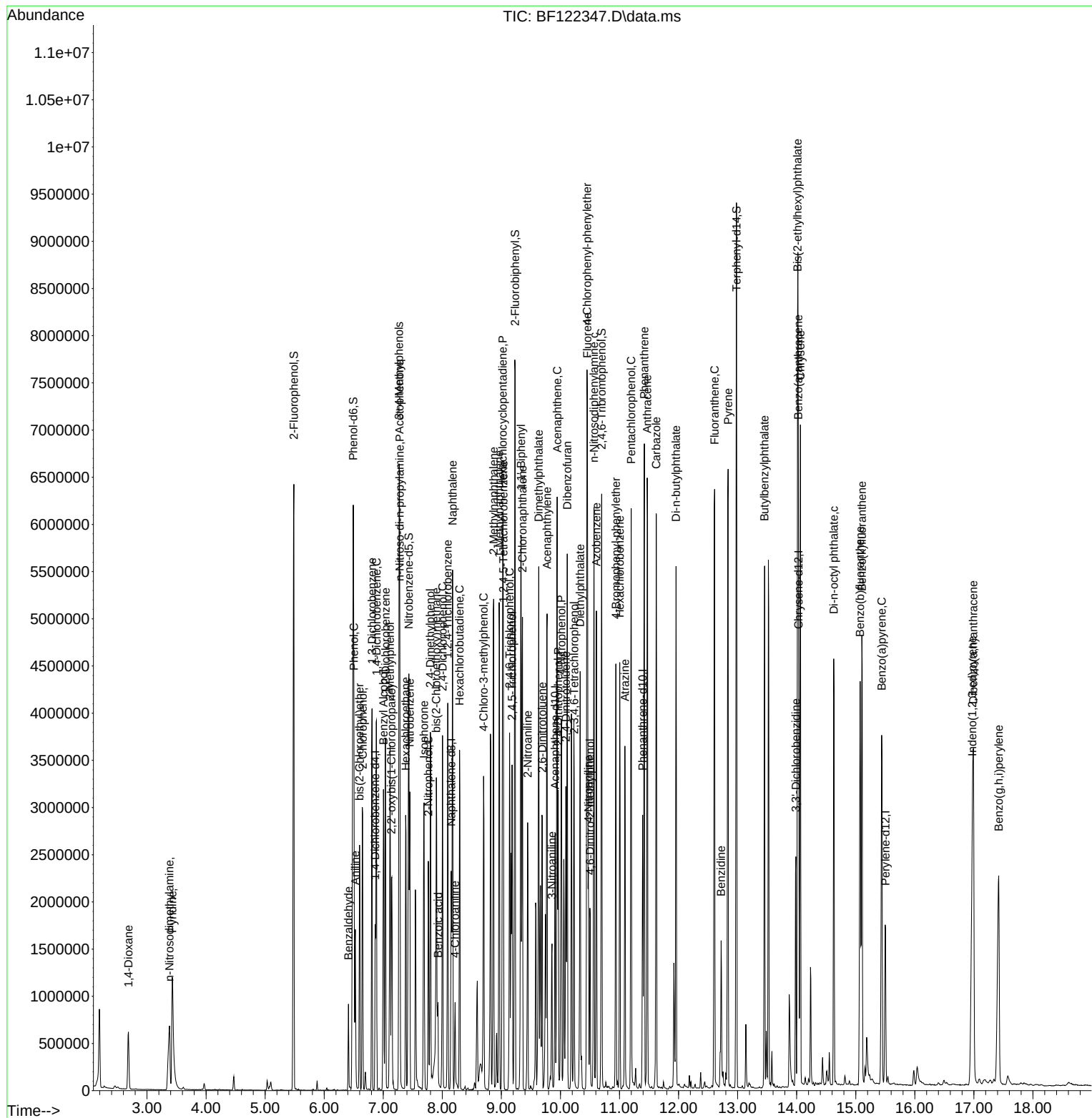
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 46) 1,1'-Biphenyl             | 9.333  | 154  | 1876904  | 43.32 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 9.357  | 162  | 1513777  | 44.02 | ng    | 97       |
| 48) 2-Nitroaniline            | 9.445  | 65   | 492461   | 48.07 | ng    | 95       |
| 49) Acenaphthylene            | 9.774  | 152  | 2331690  | 44.12 | ng    | 99       |
| 50) Dimethylphthalate         | 9.633  | 163  | 2291145  | 59.22 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.692  | 165  | 423734   | 49.12 | ng    | # 81     |
| 52) Acenaphthene              | 9.945  | 154  | 1618935  | 49.49 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.857  | 138  | 252739   | 27.42 | ng    | 90       |
| 54) 2,4-Dinitrophenol         | 9.963  | 184  | 381864   | 94.26 | ng    | 89       |
| 55) Dibenzofuran              | 10.116 | 168  | 2135660  | 44.56 | ng    | 100      |
| 56) 4-Nitrophenol             | 10.016 | 139  | 789772   | 92.67 | ng    | 93       |
| 57) 2,4-Dinitrotoluene        | 10.092 | 165  | 578953   | 52.83 | ng    | 92       |
| 58) Fluorene                  | 10.457 | 166  | 1644515  | 44.81 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.233 | 232  | 506622   | 53.35 | ng    | 97       |
| 60) Diethylphthalate          | 10.333 | 149  | 1716746  | 45.23 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 10.451 | 204  | 778845   | 44.95 | ng    | 98       |
| 62) 4-Nitroaniline            | 10.474 | 138  | 449692   | 46.95 | ng    | 97       |
| 63) Azobenzene                | 10.610 | 77   | 1713233  | 43.03 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 10.504 | 198  | 269490   | 55.78 | ng    | 84       |
| 66) n-Nitrosodiphenylamine    | 10.569 | 169  | 1537273  | 43.11 | ng    | 95       |
| 67) 4-Bromophenyl-phenylether | 10.939 | 248  | 549392   | 44.67 | ng    | 99       |
| 68) Hexachlorobenzene         | 11.004 | 284  | 599620   | 45.13 | ng    | 98       |
| 69) Atrazine                  | 11.092 | 200  | 438955   | 49.43 | ng    | 99       |
| 70) Pentachlorophenol         | 11.198 | 266  | 734546   | 95.95 | ng    | 98       |
| 71) Phenanthrene              | 11.421 | 178  | 2557696  | 43.07 | ng    | 98       |
| 72) Anthracene                | 11.468 | 178  | 2617033  | 42.76 | ng    | 98       |
| 73) Carbazole                 | 11.621 | 167  | 2470736  | 44.38 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.957 | 149  | 2629699  | 44.31 | ng    | 99       |
| 75) Fluoranthene              | 12.610 | 202  | 2767265  | 44.64 | ng    | 97       |
| 77) Benzidine                 | 12.721 | 184  | 589677   | 25.18 | ng    | 99       |
| 78) Pyrene                    | 12.839 | 202  | 2827543  | 47.66 | ng    | 98       |
| 80) Butylbenzylphthalate      | 13.457 | 149  | 1135040  | 47.73 | ng    | 95       |
| 81) Benzo(a)anthracene        | 14.027 | 228  | 2307325  | 43.93 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.986 | 252  | 539879   | 27.58 | ng    | 98       |
| 83) Chrysene                  | 14.062 | 228  | 2345363  | 44.34 | ng    | 97       |
| 84) Bis(2-ethylhexyl)phtha... | 14.015 | 149  | 1358323  | 47.48 | ng    | 98       |
| 85) Di-n-octyl phthalate      | 14.627 | 149  | 2262045  | 46.66 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.974 | 276  | 2374204  | 51.90 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 15.074 | 252  | 2378675  | 48.18 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.104 | 252  | 1983556  | 41.20 | ng    | 98       |
| 90) Benzo(a)pyrene            | 15.439 | 252  | 1955780  | 45.44 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 16.992 | 278  | 1922176  | 50.17 | ng    | 100      |
| 92) Benzo(g,h,i)perylene      | 17.421 | 276  | 2028599  | 54.45 | ng    | 99       |

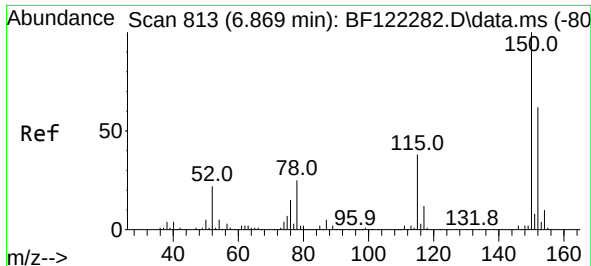
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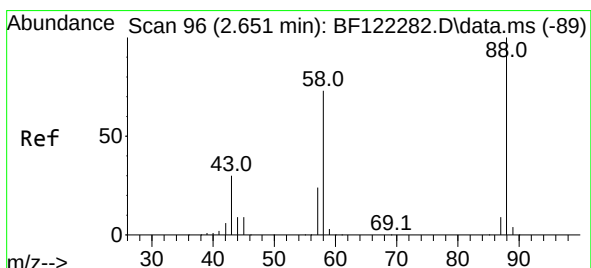
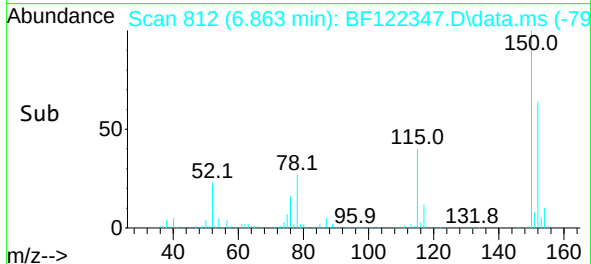
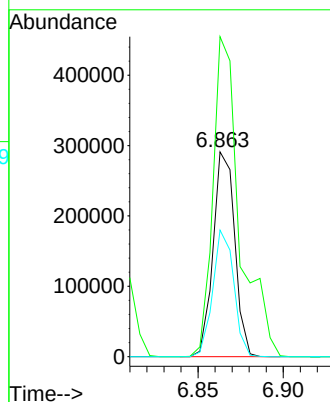
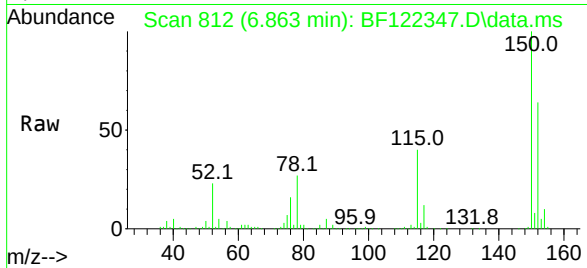




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 6.863 min Scan# 812  
 Delta R.T. -0.006 min  
 Lab File: BF122347.D  
 Acq: 17 Nov 2020 15:47

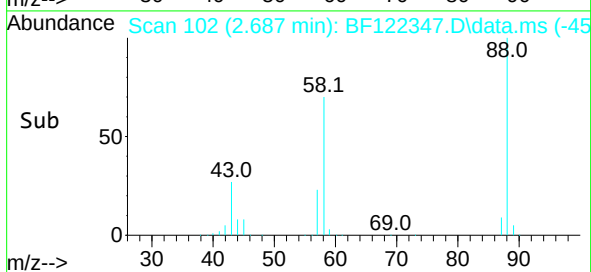
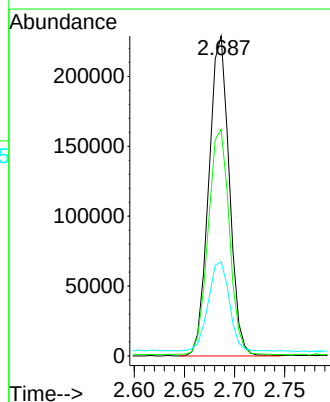
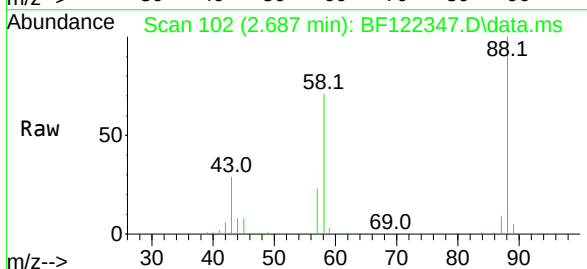
Instrument :  
 BNA\_F  
 ClientSampleId :  
 R-LA-33-4-WCMSD

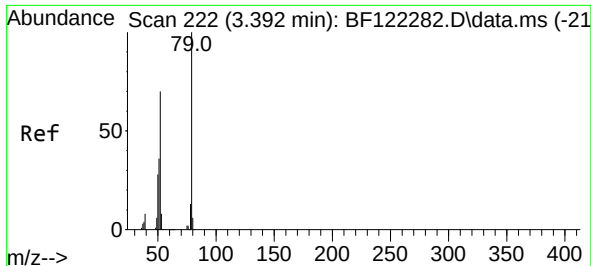
Tgt Ion:152 Resp: 256618  
 Ion Ratio Lower Upper  
 152 100  
 150 156.3 125.3 187.9  
 115 61.8 51.9 77.9



#2  
 1,4-Dioxane  
 Concen: 42.45 ng  
 RT: 2.687 min Scan# 102  
 Delta R.T. 0.035 min  
 Lab File: BF122347.D  
 Acq: 17 Nov 2020 15:47

Tgt Ion: 88 Resp: 325375  
 Ion Ratio Lower Upper  
 88 100  
 58 72.9 65.8 98.8  
 43 29.0 25.8 38.8

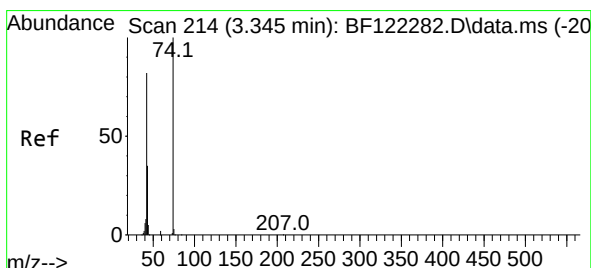
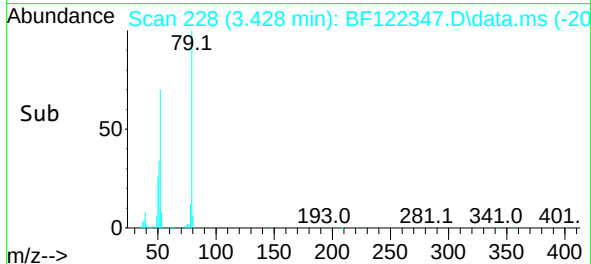
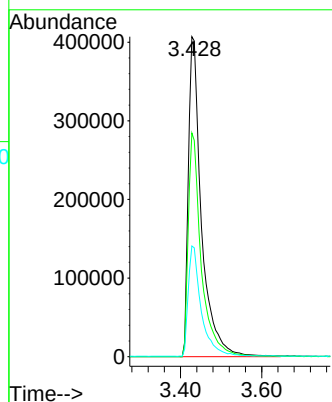
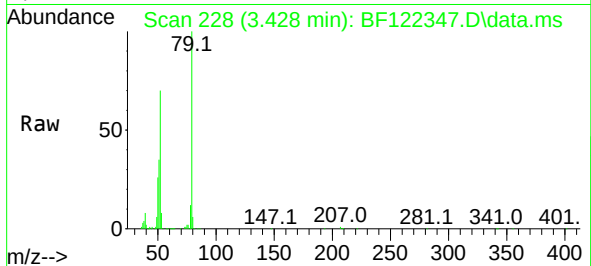




#3  
Pyridine  
Concen: 43.29 ng  
RT: 3.428 min Scan# 228  
Delta R.T. 0.035 min  
Lab File: BF122347.D  
Acq: 17 Nov 2020 15:47

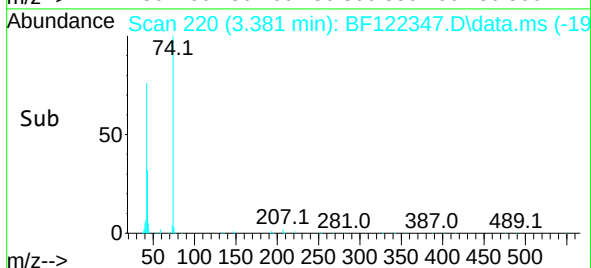
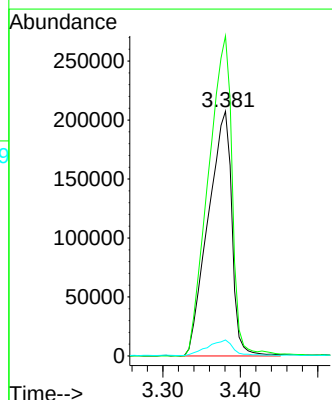
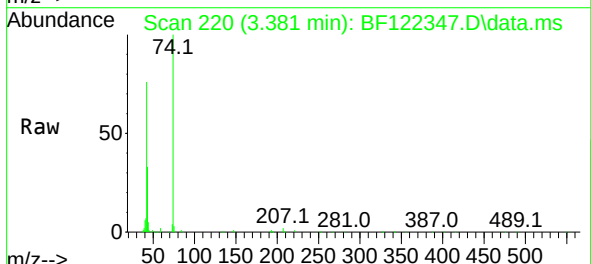
Instrument :  
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ClientSampleId :  
R-LA-33-4-WCMSD

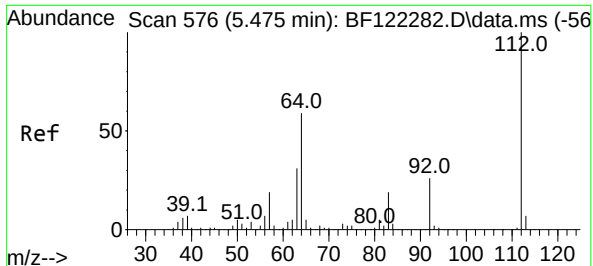
Tgt Ion: 79 Resp: 912439  
Ion Ratio Lower Upper  
79 100  
52 69.9 62.2 93.4  
51 34.6 31.1 46.7



#4  
n-Nitrosodimethylamine  
Concen: 44.40 ng  
RT: 3.381 min Scan# 220  
Delta R.T. 0.035 min  
Lab File: BF122347.D  
Acq: 17 Nov 2020 15:47

Tgt Ion: 42 Resp: 441237  
Ion Ratio Lower Upper  
42 100  
74 130.8 100.2 150.2  
44 6.5 5.8 8.6

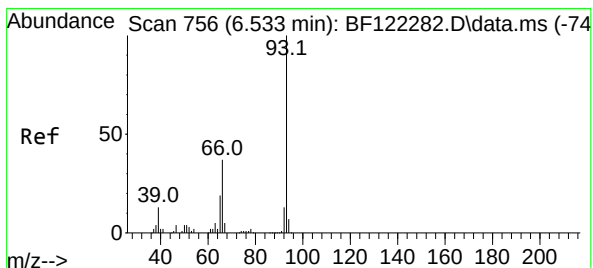
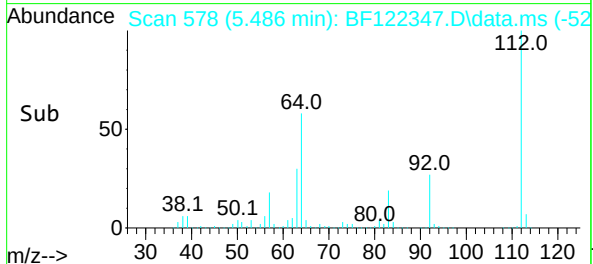
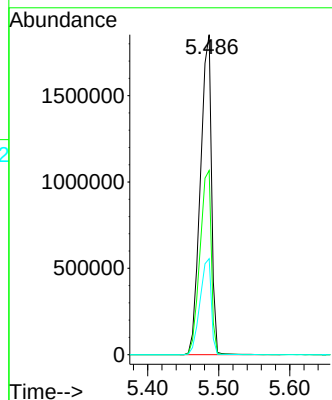
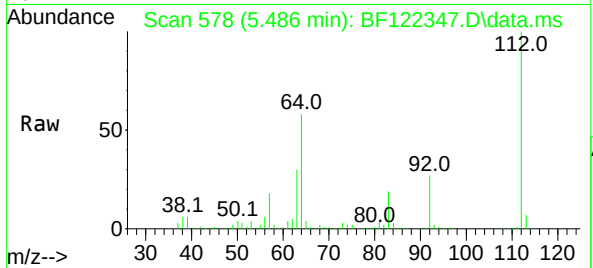




#5  
2-Fluorophenol  
Concen: 120.80 ng  
RT: 5.486 min Scan# 578  
Delta R.T. 0.012 min  
Lab File: BF122347.D  
Acq: 17 Nov 2020 15:47

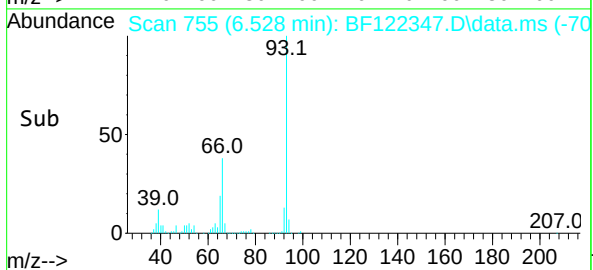
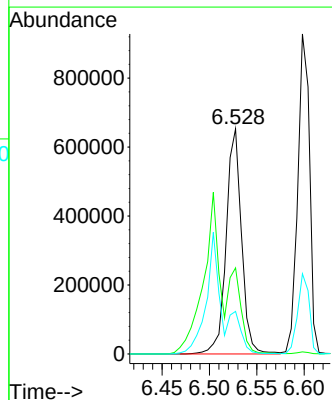
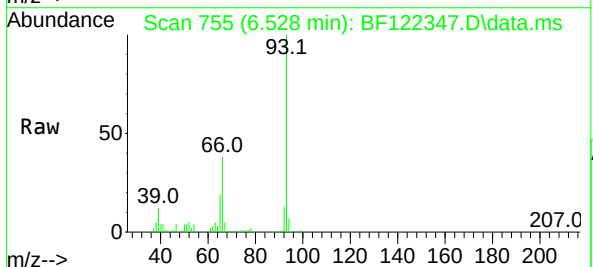
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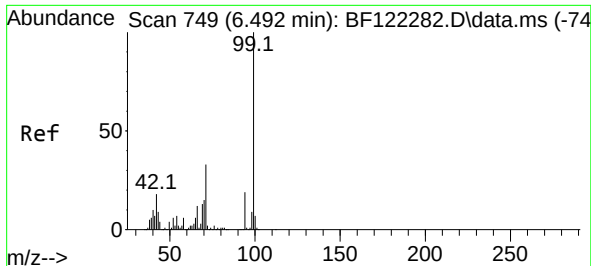
Tgt Ion:112 Resp: 2018919  
Ion Ratio Lower Upper  
112 100  
64 57.6 50.4 75.6  
63 30.0 25.8 38.6



#6  
Aniline  
Concen: 25.78 ng  
RT: 6.528 min Scan# 755  
Delta R.T. -0.006 min  
Lab File: BF122347.D  
Acq: 17 Nov 2020 15:47

Tgt Ion: 93 Resp: 739669  
Ion Ratio Lower Upper  
93 100  
66 38.3 32.7 49.1  
65 18.9 16.6 24.8



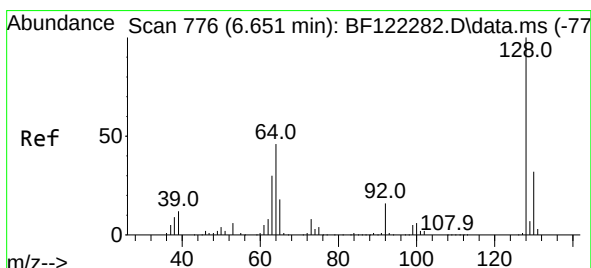
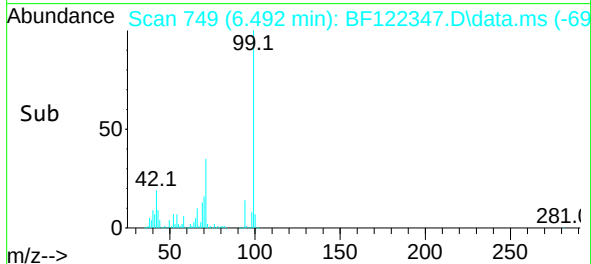
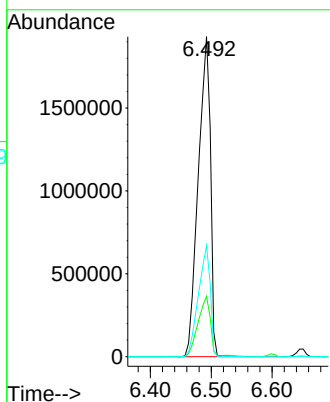
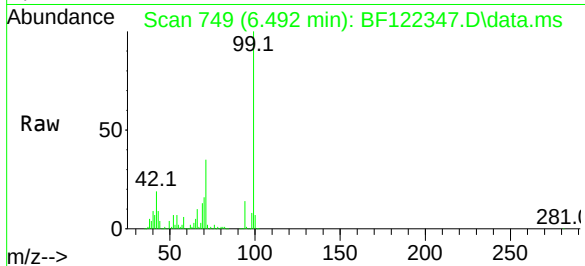


#7  
Phenol-d6  
Concen: 122.52 ng  
RT: 6.492 min Scan# 749  
Delta R.T. 0.000 min  
Lab File: BF122347.D  
Acq: 17 Nov 2020 15:47

Instrument :  
BNA\_F  
ClientSampleId :  
R-LA-33-4-WCMSD

Tgt Ion: 99 Resp: 2678564

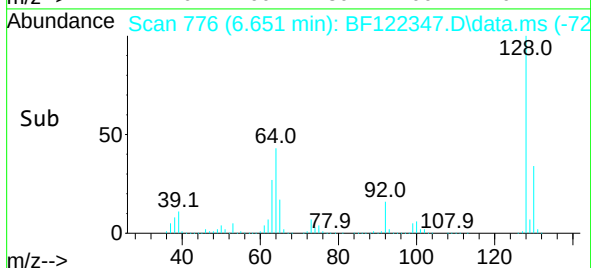
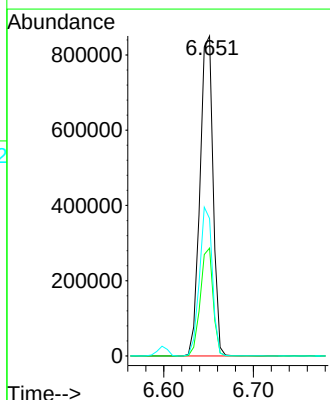
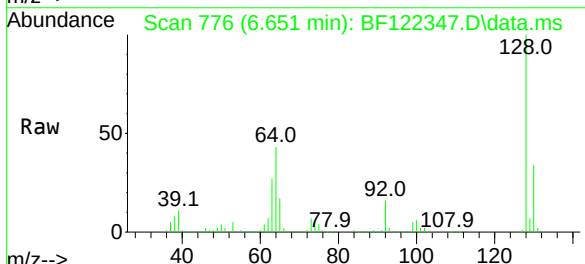
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 18.9  | 15.9  | 23.9  |
| 71  | 34.8  | 27.1  | 40.7  |

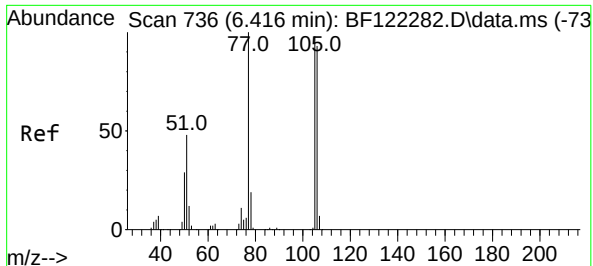


#8  
2-Chlorophenol  
Concen: 49.74 ng  
RT: 6.651 min Scan# 776  
Delta R.T. 0.000 min  
Lab File: BF122347.D  
Acq: 17 Nov 2020 15:47

Tgt Ion: 128 Resp: 862139

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 33.7  | 12.4  | 52.4  |
| 64  | 42.9  | 34.8  | 74.8  |

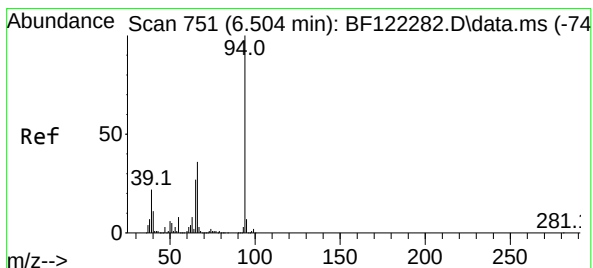
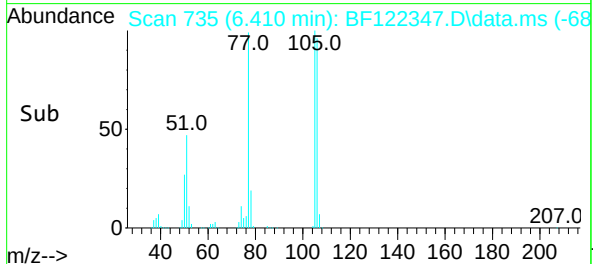
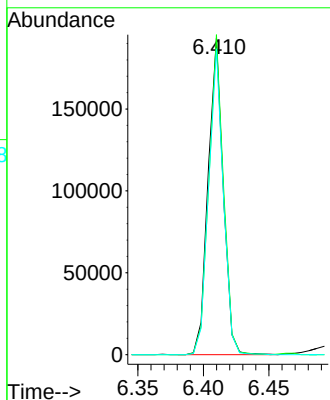
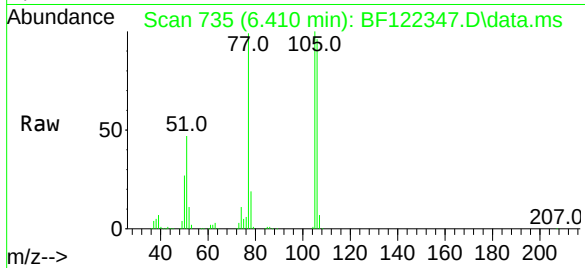




#9  
Benzaldehyde  
Concen: 9.91 ng  
RT: 6.410 min Scan# 735  
Delta R.T. -0.006 min  
Lab File: BF122347.D  
Acq: 17 Nov 2020 15:47

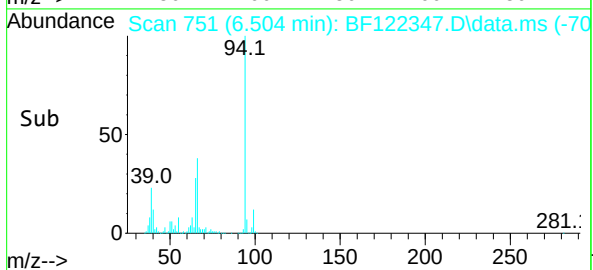
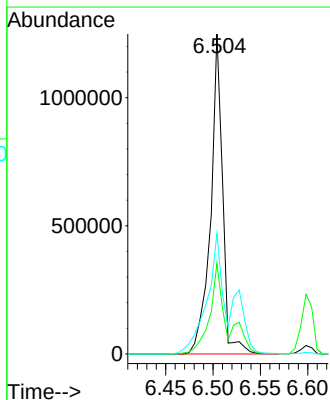
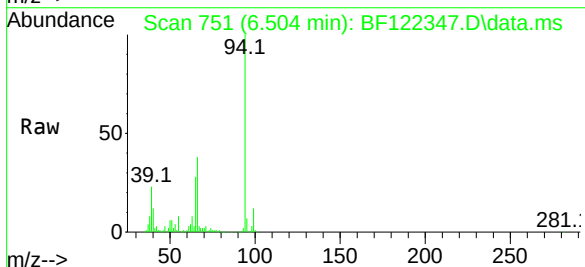
Instrument :  
BNA\_F  
ClientSampleId :  
R-LA-33-4-WCMSD

Tgt Ion: 77 Resp: 154366  
Ion Ratio Lower Upper  
77 100  
105 101.1 76.7 116.7  
106 96.7 71.3 111.3

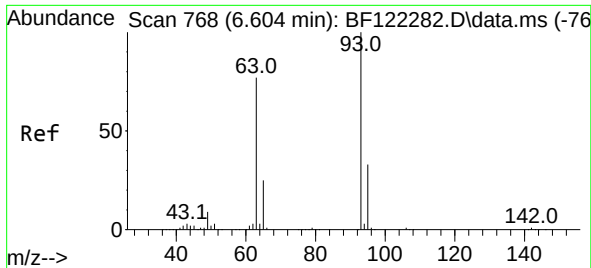


#10  
Phenol  
Concen: 50.92 ng  
RT: 6.504 min Scan# 751  
Delta R.T. 0.000 min  
Lab File: BF122347.D  
Acq: 17 Nov 2020 15:47

Tgt Ion: 94 Resp: 1096216  
Ion Ratio Lower Upper  
94 100  
65 28.3 17.1 57.1  
66 37.5 36.0 76.0



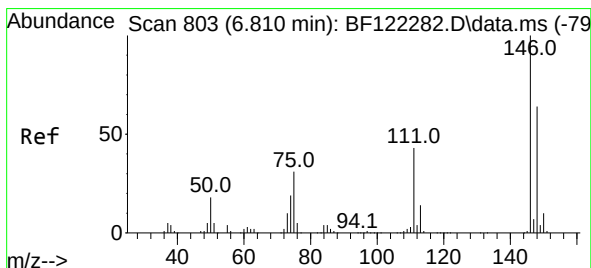
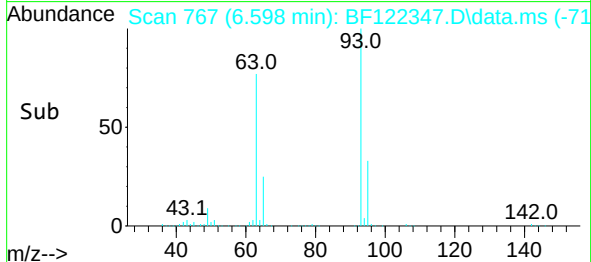
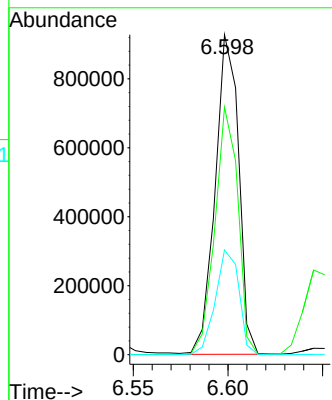
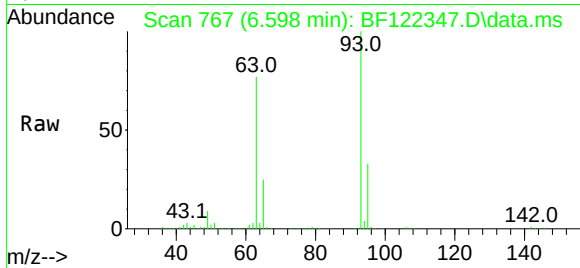




#11  
bis(2-Chloroethyl)ether  
Concen: 46.59 ng  
RT: 6.598 min Scan# 767  
Delta R.T. -0.006 min  
Lab File: BF122347.D  
Acq: 17 Nov 2020 15:47

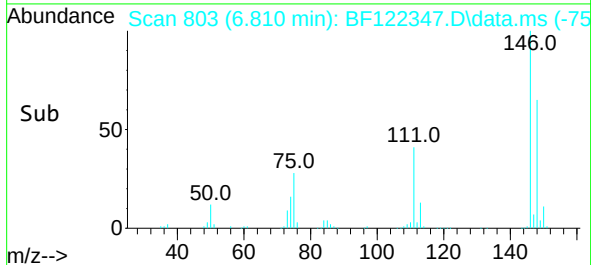
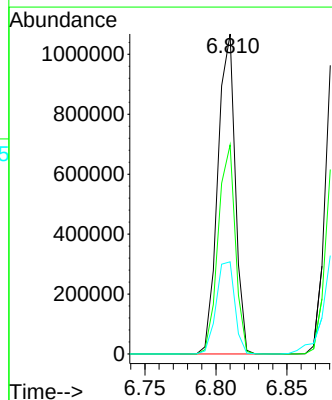
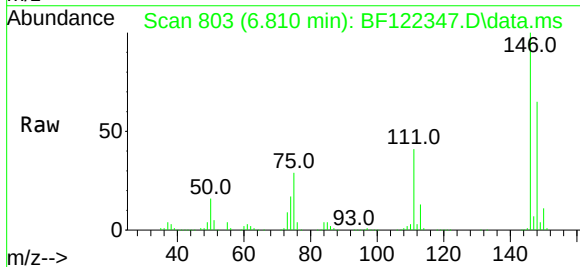
Instrument :  
BNA\_F  
ClientSampleId :  
R-LA-33-4-WCMSD

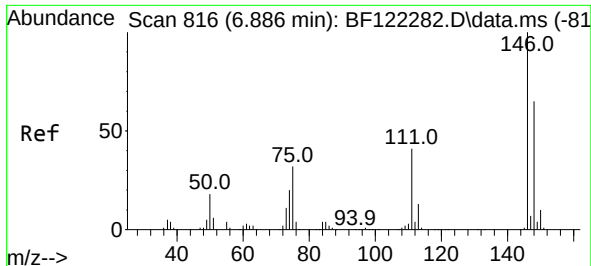
|             |              |
|-------------|--------------|
| Tgt Ion: 93 | Resp: 797227 |
| Ion Ratio   | Lower Upper  |
| 93 100      |              |
| 63 77.3     | 62.4 102.4   |
| 95 32.7     | 12.6 52.6    |



#12  
1,3-Dichlorobenzene  
Concen: 46.24 ng  
RT: 6.810 min Scan# 803  
Delta R.T. 0.000 min  
Lab File: BF122347.D  
Acq: 17 Nov 2020 15:47

|             |              |       |      |
|-------------|--------------|-------|------|
| Tgt Ion:146 | Resp: 909779 |       |      |
| Ion Ratio   | Lower        | Upper |      |
| 146         | 100          |       |      |
| 148         | 65.4         | 51.0  | 76.4 |
| 75          | 28.8         | 27.6  | 41.4 |

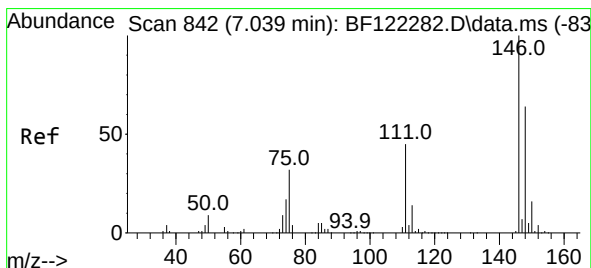
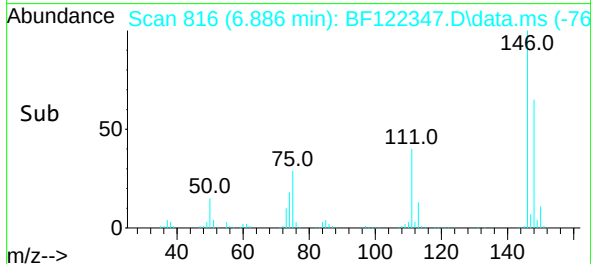
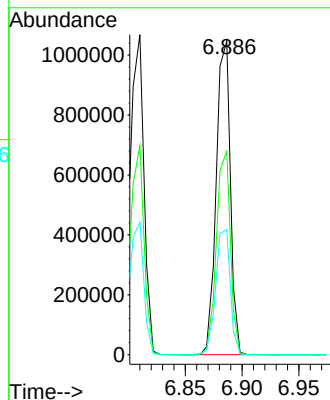
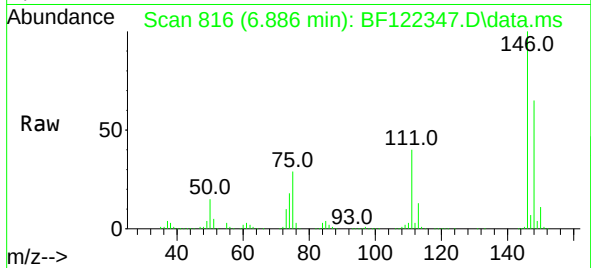




#13  
1,4-Dichlorobenzene  
Concen: 45.84 ng  
RT: 6.886 min Scan# 816  
Delta R.T. 0.000 min  
Lab File: BF122347.D  
Acq: 17 Nov 2020 15:47

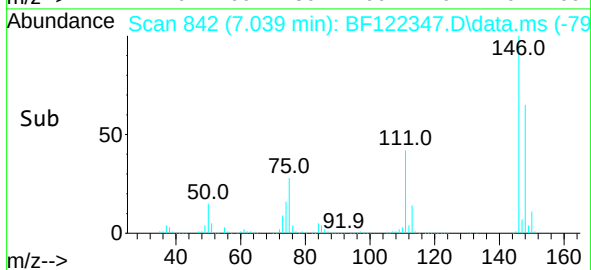
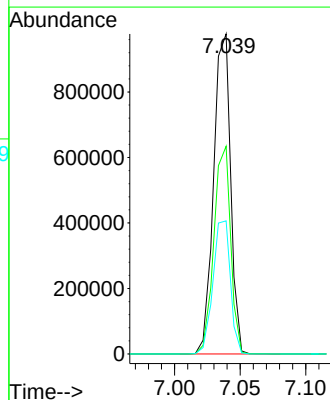
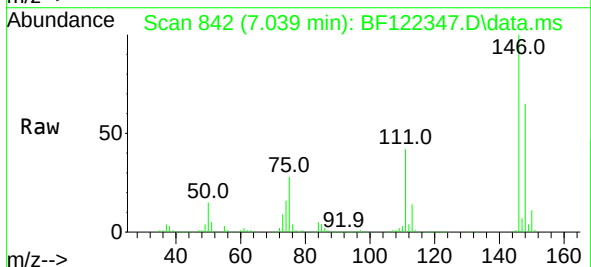
Instrument :  
BNA\_F  
ClientSampleId :  
R-LA-33-4-WCMSD

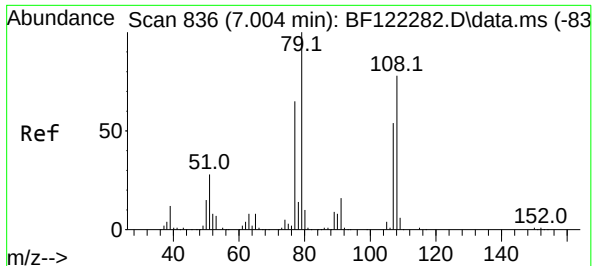
Tgt Ion:146 Resp: 906001  
Ion Ratio Lower Upper  
146 100  
148 64.9 50.1 75.1  
111 39.9 34.6 52.0



#14  
1,2-Dichlorobenzene  
Concen: 47.76 ng  
RT: 7.039 min Scan# 842  
Delta R.T. 0.000 min  
Lab File: BF122347.D  
Acq: 17 Nov 2020 15:47

Tgt Ion:146 Resp: 881057  
Ion Ratio Lower Upper  
146 100  
148 64.9 51.1 76.7  
111 41.6 34.2 51.4





#15

Benzyl Alcohol

Concen: 47.65 ng

RT: 7.004 min Scan# 836

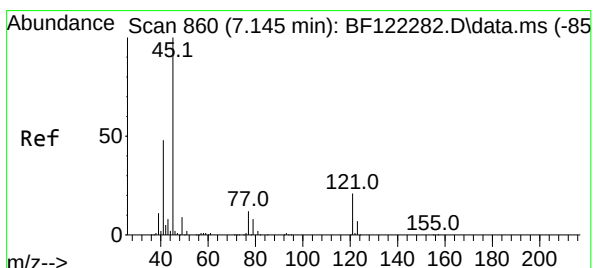
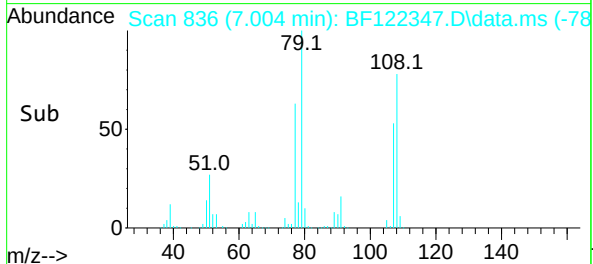
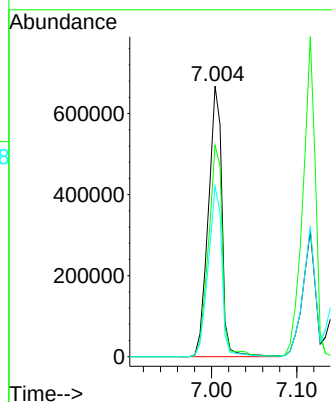
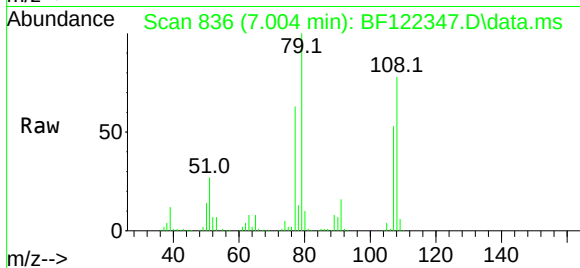
Delta R.T. 0.000 min

Lab File: BF122347.D

Acq: 17 Nov 2020 15:47

Tgt Ion: 79 Resp: 740663

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79  | 100   |       |       |
| 108 | 78.2  | 62.3  | 93.5  |
| 77  | 62.9  | 50.6  | 75.8  |



#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.20 ng

RT: 7.139 min Scan# 859

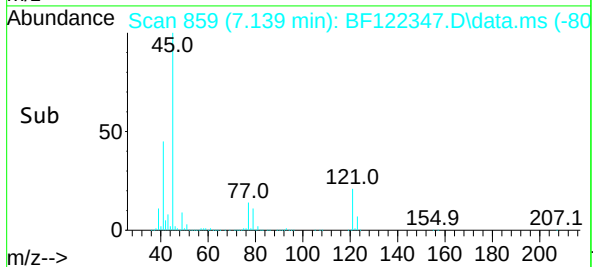
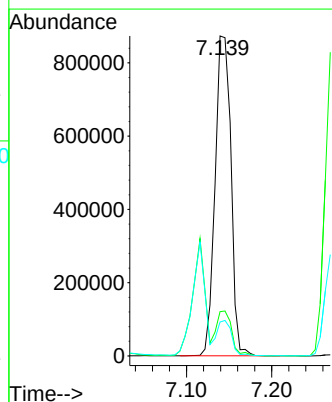
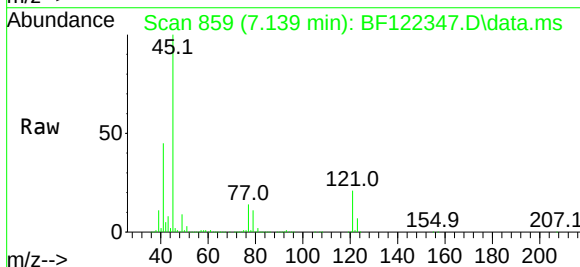
Delta R.T. -0.006 min

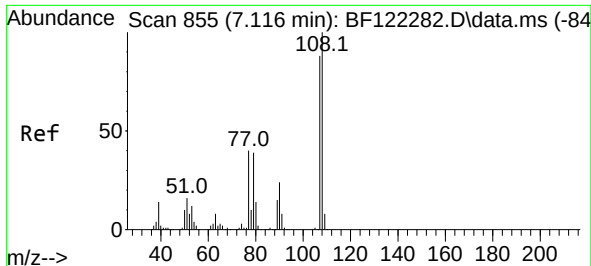
Lab File: BF122347.D

Acq: 17 Nov 2020 15:47

Tgt Ion: 45 Resp: 1127409

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 45  | 100   |       |       |
| 77  | 13.9  | 0.0   | 33.3  |
| 79  | 10.6  | 0.0   | 30.4  |

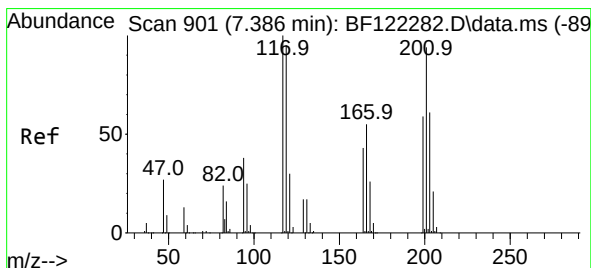
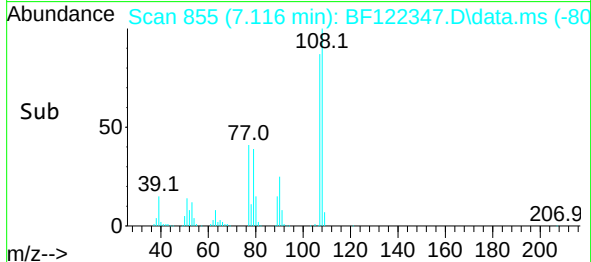
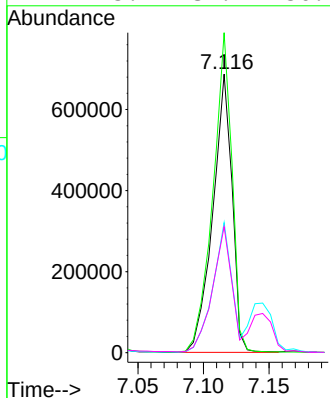
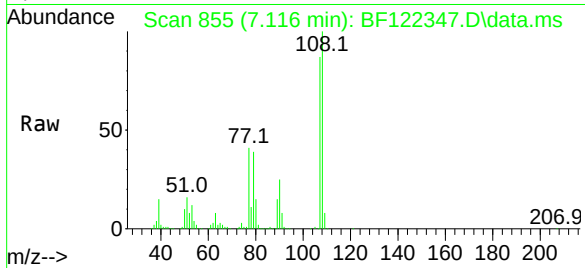




#17  
2-Methylphenol  
Concen: 48.47 ng  
RT: 7.116 min Scan# 855  
Delta R.T. 0.000 min  
Lab File: BF122347.D  
Acq: 17 Nov 2020 15:47

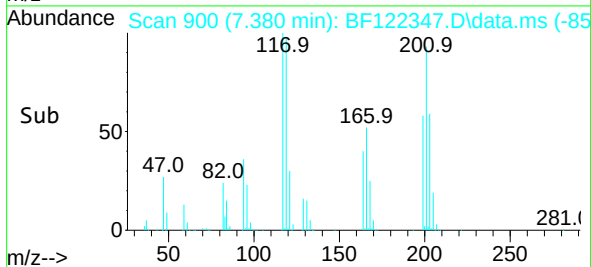
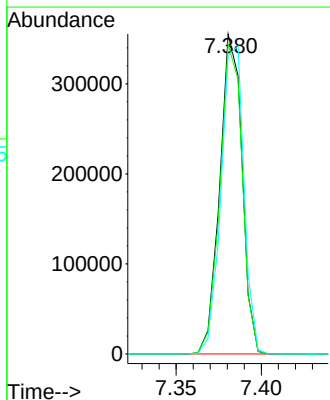
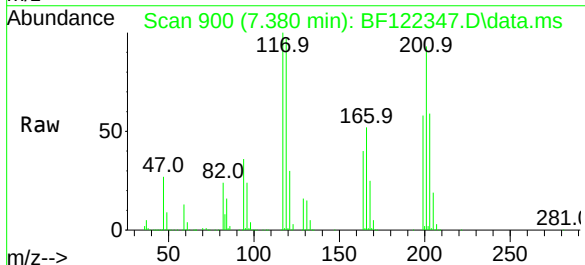
Instrument :  
BNA\_F  
ClientSampleId :  
R-LA-33-4-WCMSD

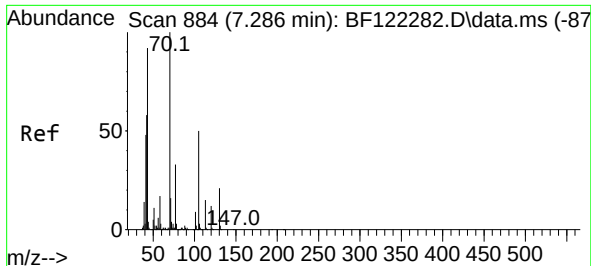
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 701177 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 114.9 | 90.9  | 136.3  |
| 77       | 46.7  | 37.5  | 56.3   |
| 79       | 45.2  | 37.4  | 56.0   |



#18  
Hexachloroethane  
Concen: 46.90 ng  
RT: 7.380 min Scan# 900  
Delta R.T. -0.006 min  
Lab File: BF122347.D  
Acq: 17 Nov 2020 15:47

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 322847 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 96.8  | 76.3  | 114.5  |
| 201      | 93.2  | 71.8  | 107.6  |



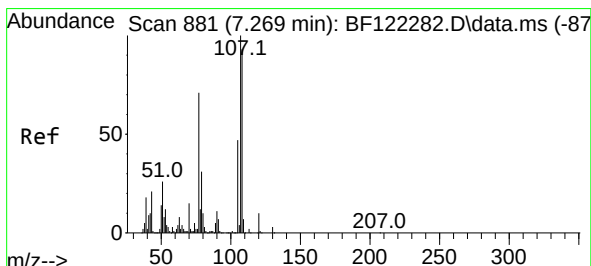
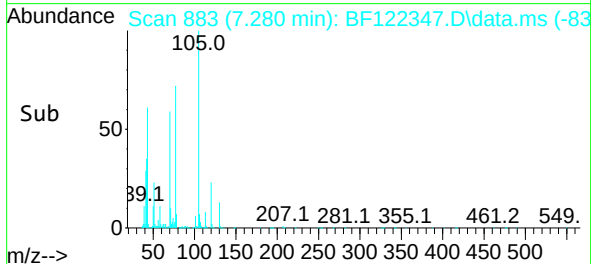
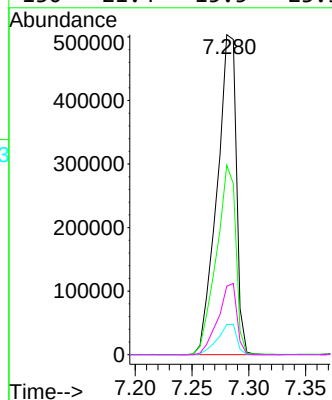
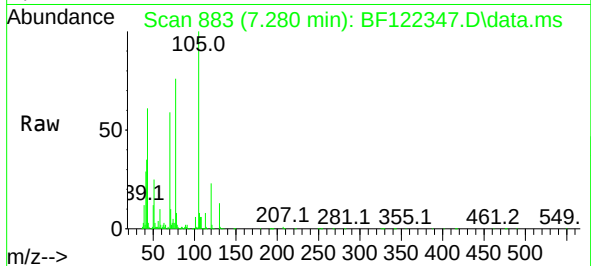


#19  
n-Nitroso-di-n-propylamine  
Concen: 45.77 ng  
RT: 7.280 min Scan# 883  
Delta R.T. -0.006 min  
Lab File: BF122347.D  
Acq: 17 Nov 2020 15:47

Instrument :  
BNA\_F  
ClientSampleId :  
R-LA-33-4-WCMSD

Tgt Ion: 70 Resp: 597965

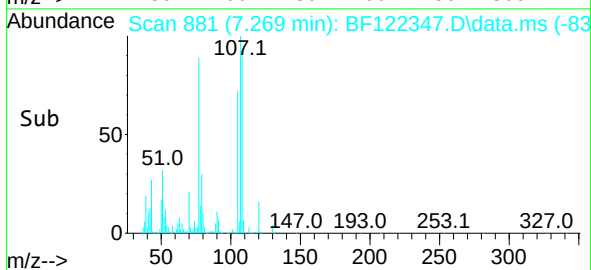
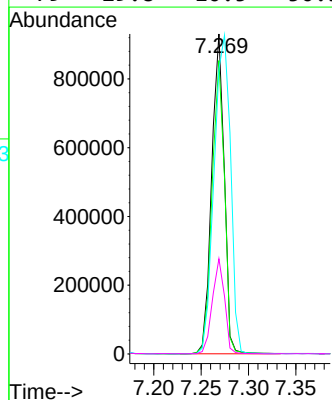
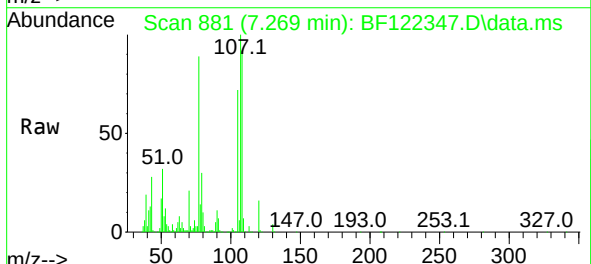
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 59.2  | 50.2  | 75.4  |
| 101 | 9.4   | 7.5   | 11.3  |
| 130 | 21.4  | 15.5  | 23.3  |

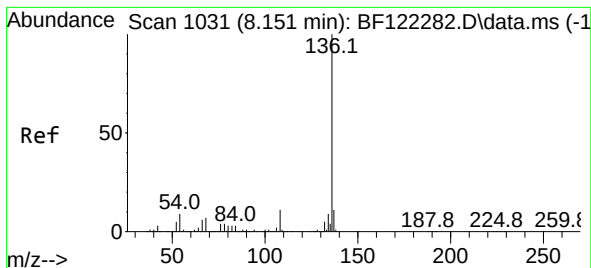


#20  
3+4-Methylphenols  
Concen: 48.06 ng  
RT: 7.269 min Scan# 881  
Delta R.T. 0.000 min  
Lab File: BF122347.D  
Acq: 17 Nov 2020 15:47

Tgt Ion: 107 Resp: 855638

| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 107 | 100   |       |        |
| 108 | 91.7  | 68.9  | 108.9  |
| 77  | 89.0  | 108.0 | 148.0# |
| 79  | 29.8  | 10.5  | 50.5   |

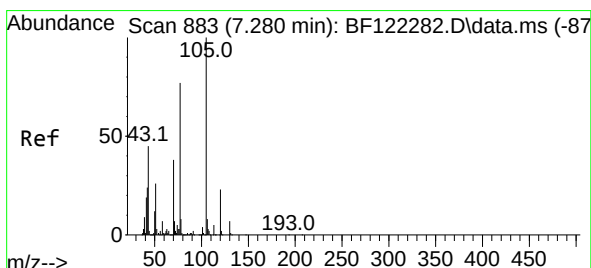
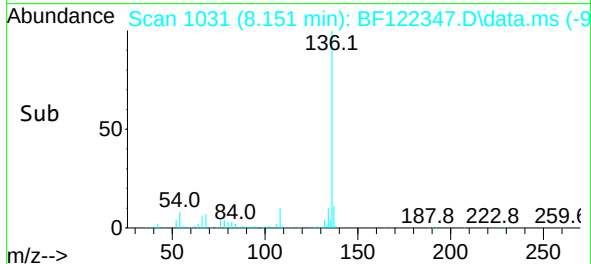
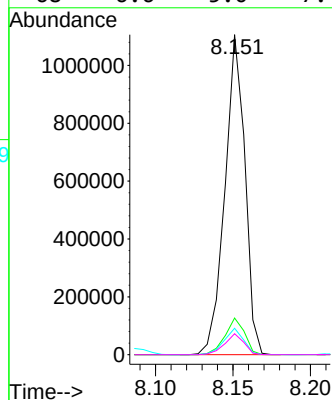
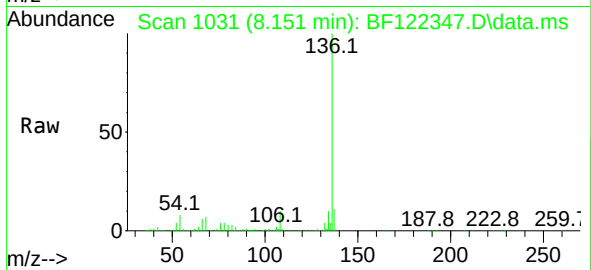




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.151 min Scan# 1031  
Delta R.T. 0.000 min  
Lab File: BF122347.D  
Acq: 17 Nov 2020 15:47

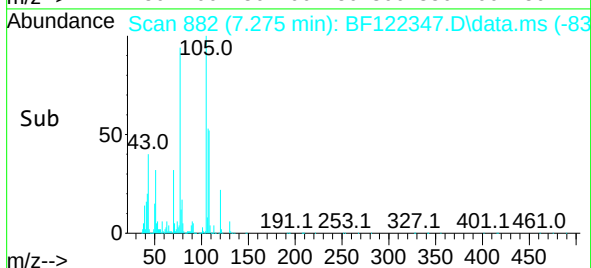
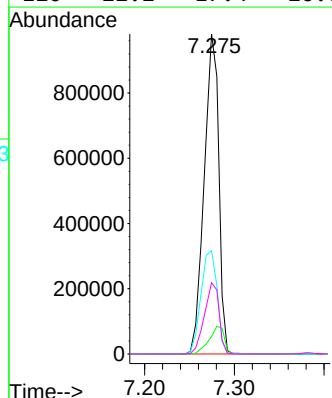
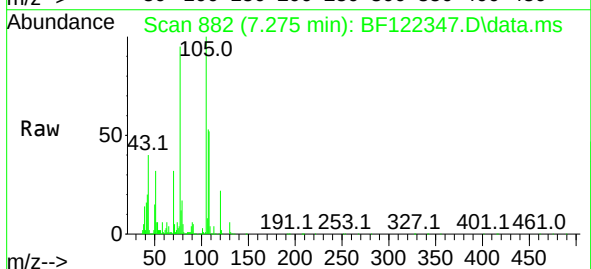
Instrument :  
BNA\_F  
ClientSampleId :  
R-LA-33-4-WCMSD

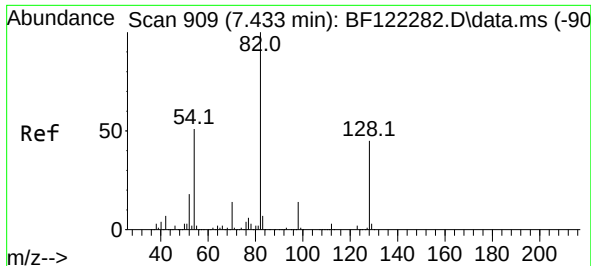
|             |              |
|-------------|--------------|
| Tgt Ion:136 | Resp: 994276 |
| Ion Ratio   | Lower Upper  |
| 136 100     |              |
| 137 11.5    | 8.6 13.0     |
| 54 8.3      | 7.1 10.7     |
| 68 6.6      | 5.0 7.4      |



#22  
Acetophenone  
Concen: 42.72 ng  
RT: 7.275 min Scan# 882  
Delta R.T. -0.006 min  
Lab File: BF122347.D  
Acq: 17 Nov 2020 15:47

|     |         |       |         |
|-----|---------|-------|---------|
| Tgt | Ion:105 | Resp: | 1106375 |
| Ion | Ratio   | Lower | Upper   |
| 105 | 100     |       |         |
| 71  | 5.4     | 5.3   | 7.9     |
| 51  | 32.3    | 33.2  | 49.8#   |
| 120 | 22.2    | 17.4  | 26.0    |





#23

Nitrobenzene-d5

Concen: 100.59 ng

RT: 7.433 min Scan# 909

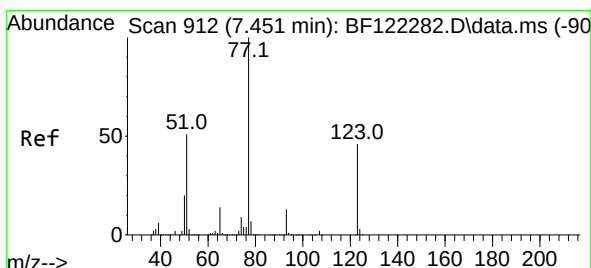
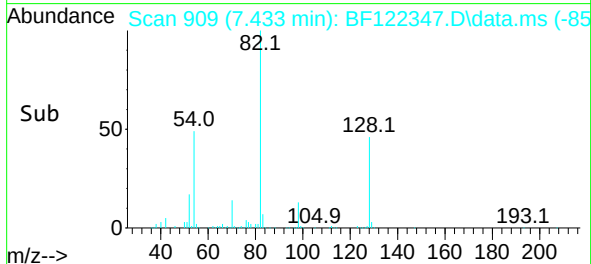
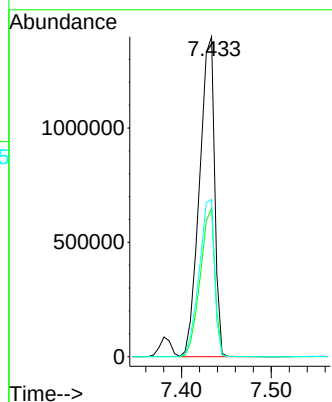
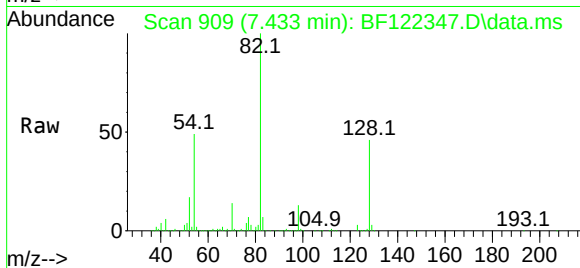
Delta R.T. 0.000 min

Lab File: BF122347.D

Acq: 17 Nov 2020 15:47

Tgt Ion: 82 Resp: 1633770

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 46.4  | 35.0  | 52.4  |
| 54  | 49.2  | 43.9  | 65.9  |



#24

Nitrobenzene

Concen: 48.78 ng

RT: 7.451 min Scan# 912

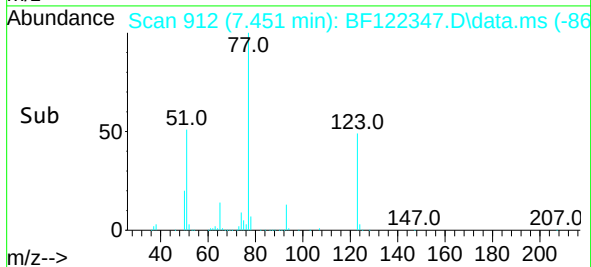
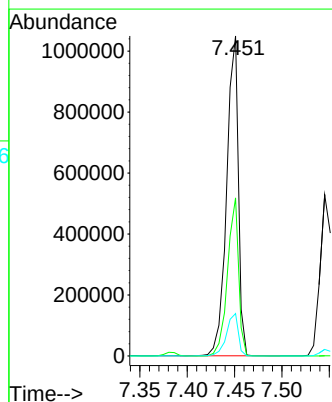
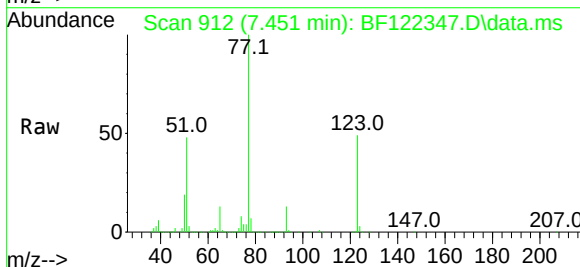
Delta R.T. 0.000 min

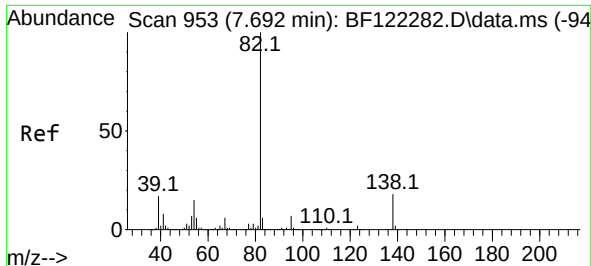
Lab File: BF122347.D

Acq: 17 Nov 2020 15:47

Tgt Ion: 77 Resp: 906465

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 49.4  | 35.6  | 53.4  |
| 65  | 13.2  | 11.2  | 16.8  |

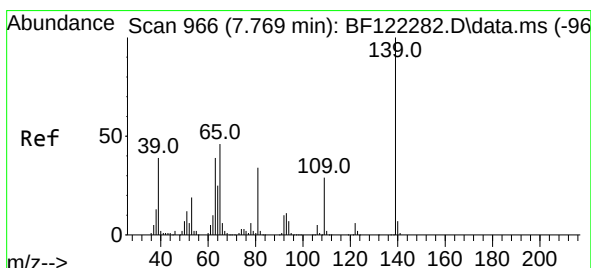
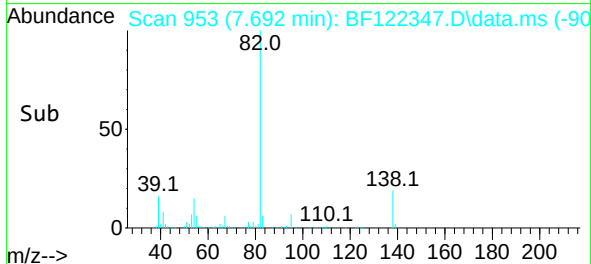
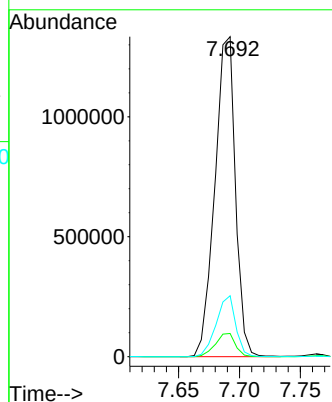
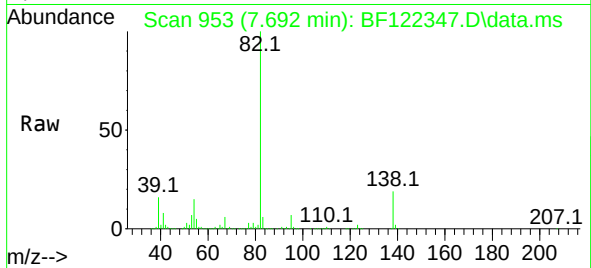




#25  
Isophorone  
Concen: 43.36 ng  
RT: 7.692 min Scan# 953  
Delta R.T. 0.000 min  
Lab File: BF122347.D  
Acq: 17 Nov 2020 15:47

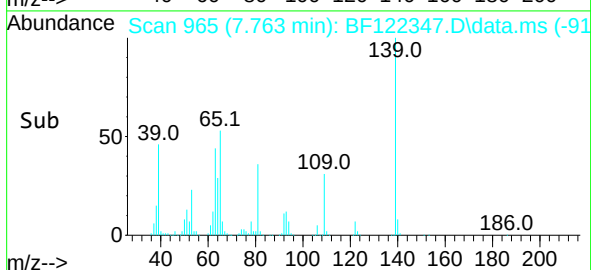
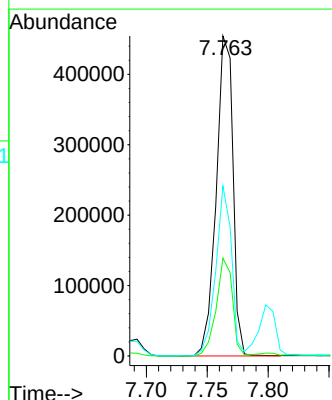
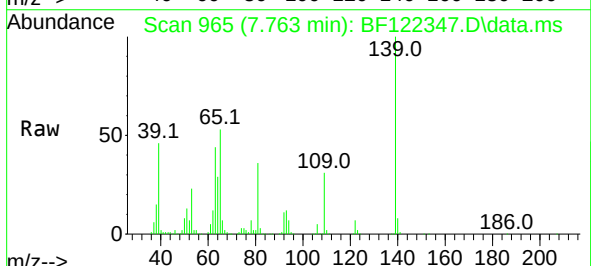
Instrument :  
BNA\_F  
ClientSampleId :  
R-LA-33-4-WCMSD

Tgt Ion: 82 Resp: 1570010  
Ion Ratio Lower Upper  
82 100  
95 7.2 5.4 8.0  
138 19.1 13.4 20.0

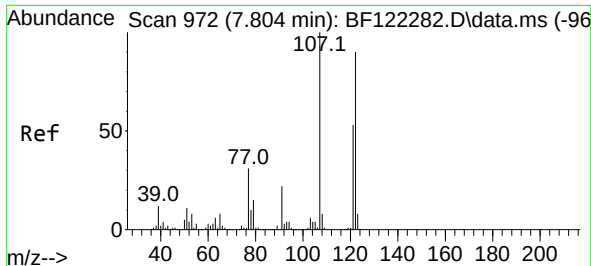


#26  
2-Nitrophenol  
Concen: 53.06 ng  
RT: 7.763 min Scan# 965  
Delta R.T. -0.006 min  
Lab File: BF122347.D  
Acq: 17 Nov 2020 15:47

Tgt Ion:139 Resp: 434808  
Ion Ratio Lower Upper  
139 100  
109 30.6 23.0 34.4  
65 53.2 39.9 59.9







#27

2,4-Dimethylphenol

Concen: 43.34 ng

RT: 7.798 min Scan# 971

Delta R.T. -0.006 min

Lab File: BF122347.D

Acq: 17 Nov 2020 15:47

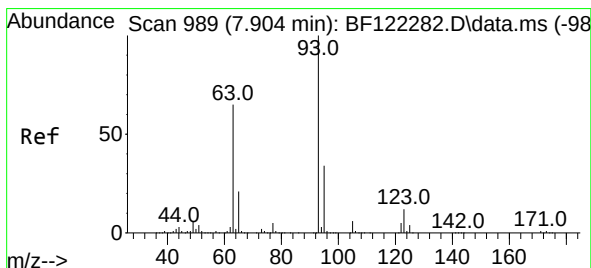
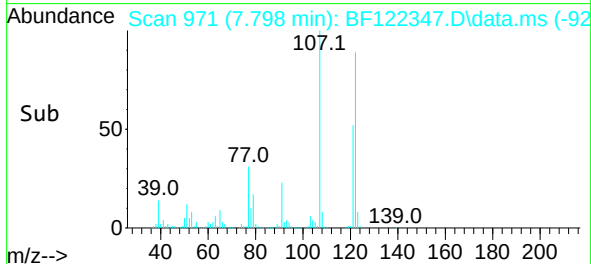
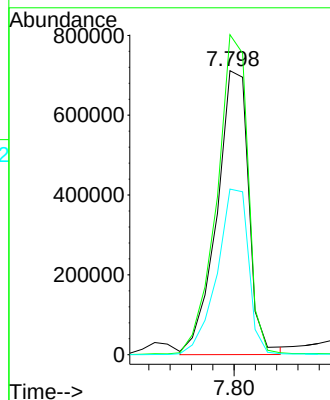
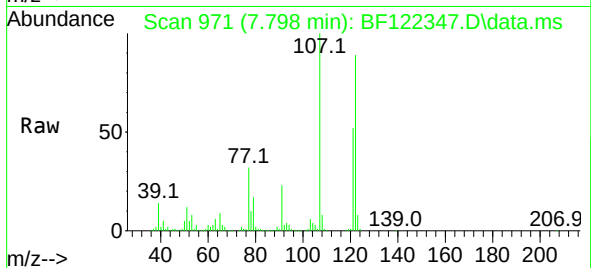
Tgt Ion:122 Resp: 740210

Ion Ratio Lower Upper

122 100

107 112.7 90.8 136.2

121 58.3 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 44.47 ng

RT: 7.898 min Scan# 988

Delta R.T. -0.006 min

Lab File: BF122347.D

Acq: 17 Nov 2020 15:47

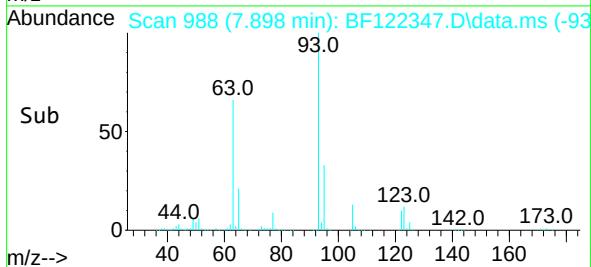
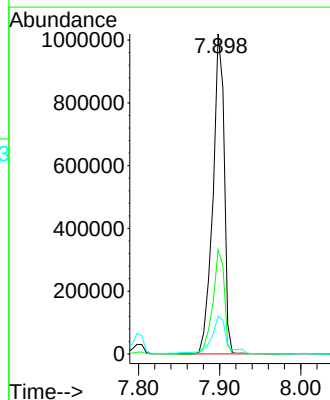
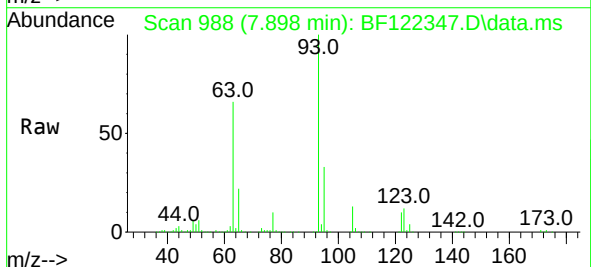
Tgt Ion: 93 Resp: 984811

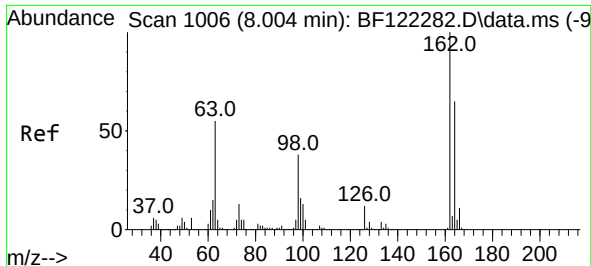
Ion Ratio Lower Upper

93 100

95 32.6 26.2 39.4

123 11.8 8.8 13.2

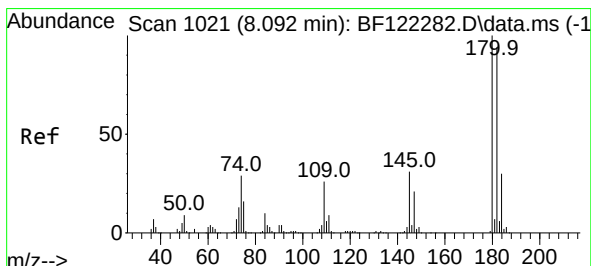
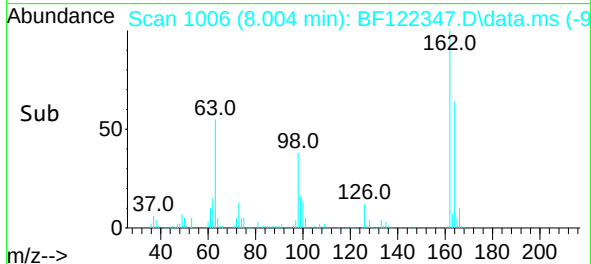
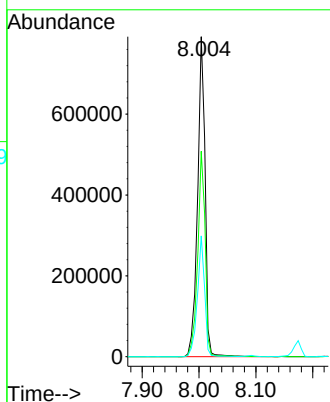
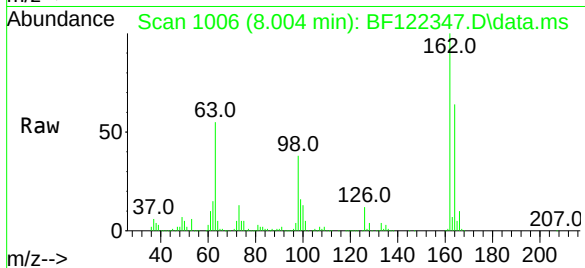




#29  
2,4-Dichlorophenol  
Concen: 48.61 ng  
RT: 8.004 min Scan# 1006  
Delta R.T. 0.000 min  
Lab File: BF122347.D  
Acq: 17 Nov 2020 15:47

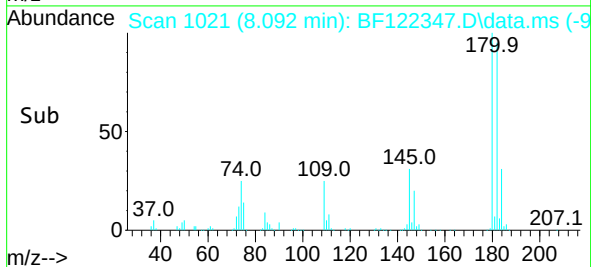
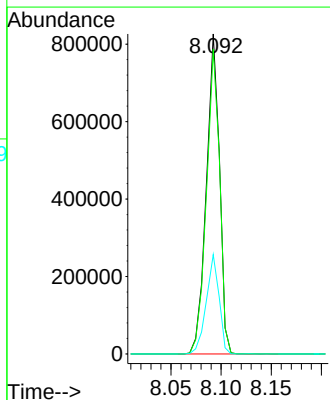
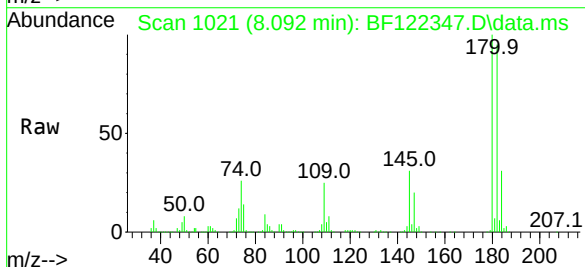
Instrument :  
BNA\_F  
ClientSampleId :  
R-LA-33-4-WCMSD

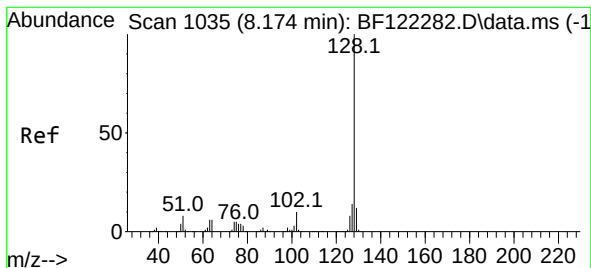
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 735033 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 64.2  | 42.5  | 82.5   |
| 98        | 37.8  | 20.1  | 60.1   |



#30  
1,2,4-Trichlorobenzene  
Concen: 45.11 ng  
RT: 8.092 min Scan# 1021  
Delta R.T. 0.000 min  
Lab File: BF122347.D  
Acq: 17 Nov 2020 15:47

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 752777 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 95.2  | 79.4  | 119.2  |
| 145       | 31.1  | 25.5  | 38.3   |

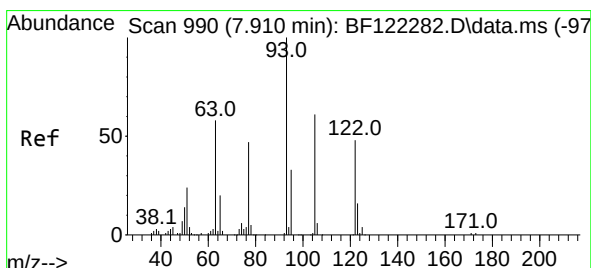
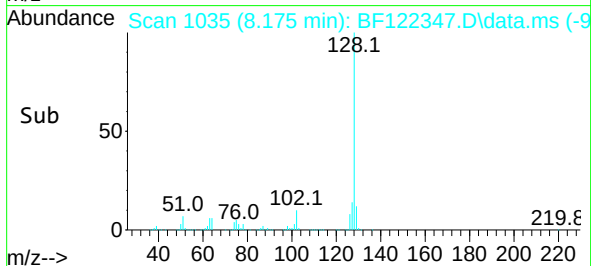
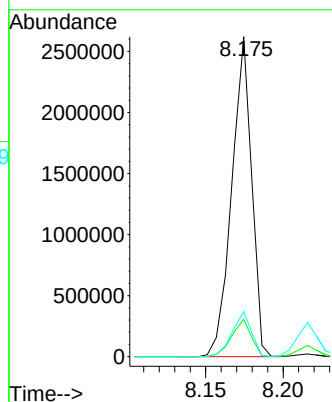
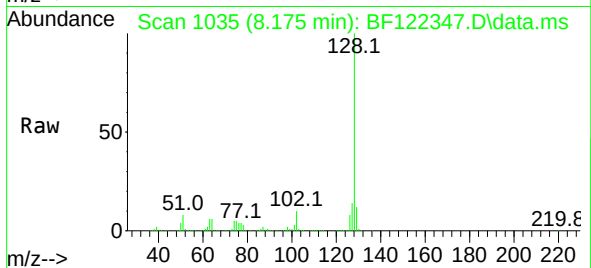




#31  
Naphthalene  
Concen: 44.17 ng  
RT: 8.175 min Scan# 1035  
Delta R.T. 0.000 min  
Lab File: BF122347.D  
Acq: 17 Nov 2020 15:47

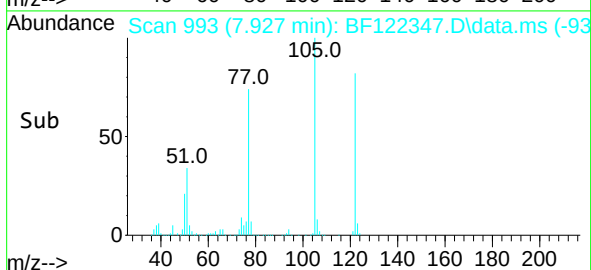
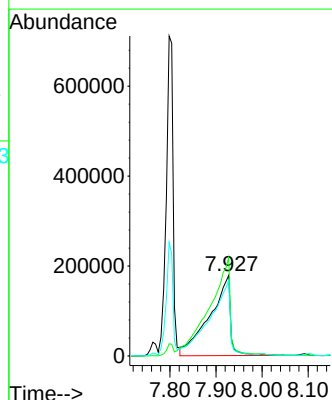
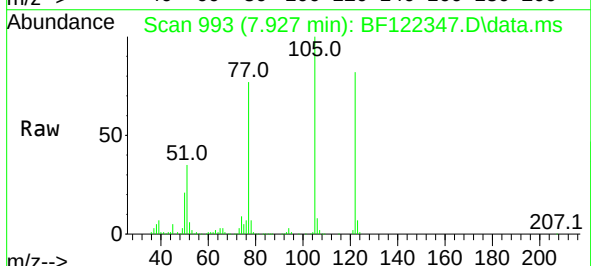
Instrument :  
BNA\_F  
ClientSampleId :  
R-LA-33-4-WCMSD

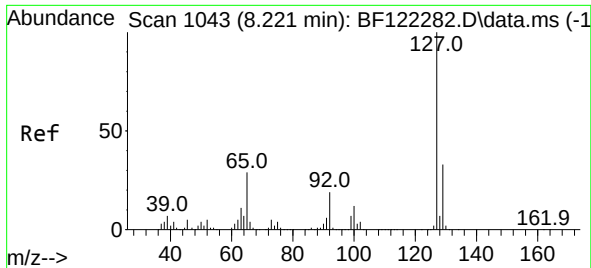
Tgt Ion:128 Resp: 2334995  
Ion Ratio Lower Upper  
128 100  
129 11.7 8.7 13.1  
127 14.1 10.8 16.2



#32  
Benzoic acid  
Concen: 57.68 ng  
RT: 7.927 min Scan# 993  
Delta R.T. 0.017 min  
Lab File: BF122347.D  
Acq: 17 Nov 2020 15:47

Tgt Ion:122 Resp: 563451  
Ion Ratio Lower Upper  
122 100  
105 122.6 103.3 143.3  
77 94.4 73.9 113.9

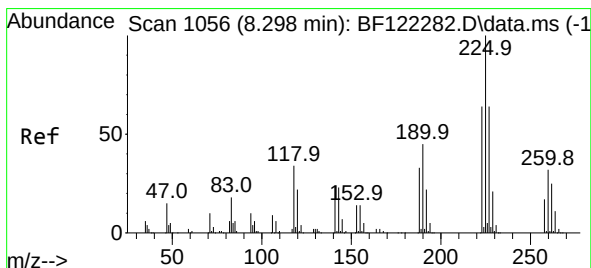
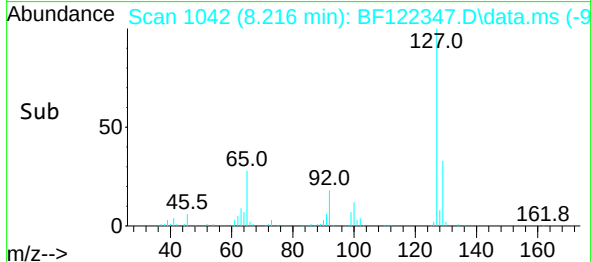
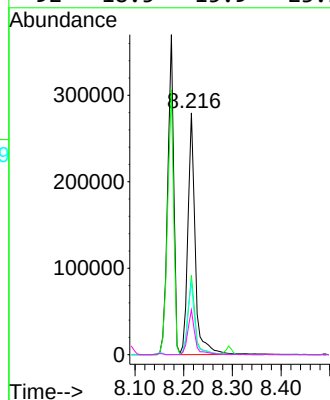
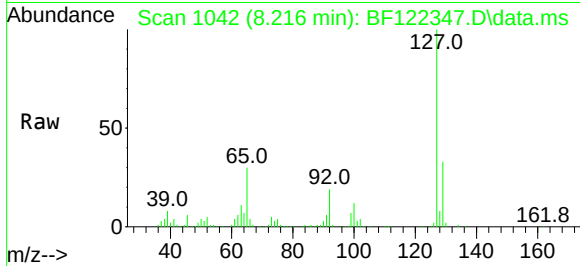




#33  
4-Chloroaniline  
Concen: 12.68 ng  
RT: 8.216 min Scan# 1042  
Delta R.T. -0.006 min  
Lab File: BF122347.D  
Acq: 17 Nov 2020 15:47

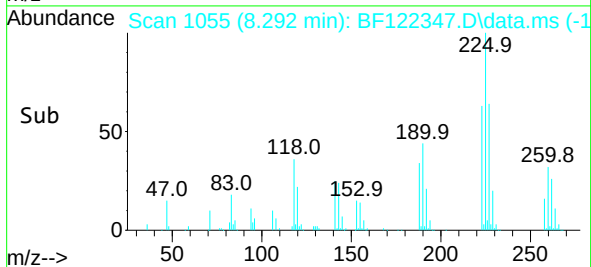
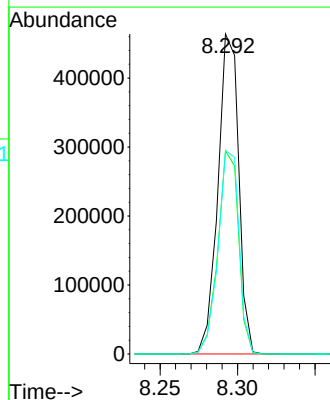
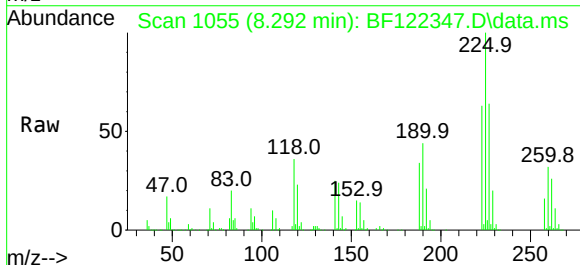
Instrument :  
BNA\_F  
ClientSampleId :  
R-LA-33-4-WCMSD

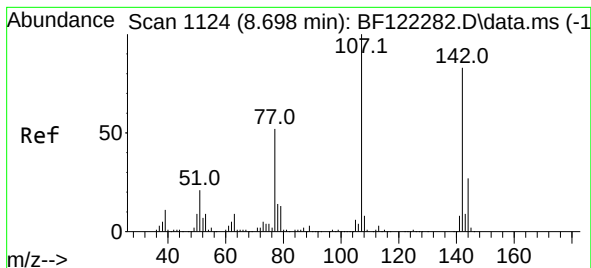
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 291868 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.8  | 26.3  | 39.5   |
| 65       | 30.0  | 26.2  | 39.2   |
| 92       | 18.5  | 15.9  | 23.9   |



#34  
Hexachlorobutadiene  
Concen: 45.00 ng  
RT: 8.292 min Scan# 1055  
Delta R.T. -0.006 min  
Lab File: BF122347.D  
Acq: 17 Nov 2020 15:47

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 431670 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.5  | 51.1  | 76.7   |
| 227      | 63.6  | 51.0  | 76.6   |

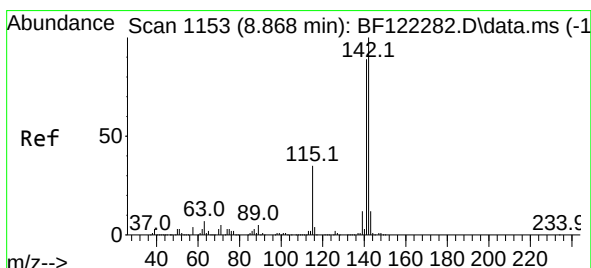
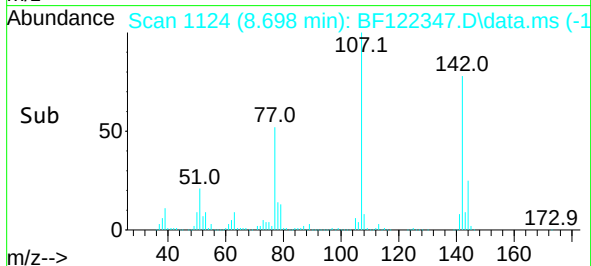
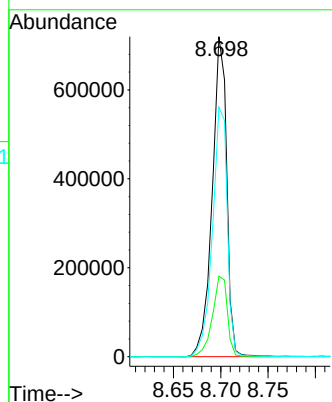
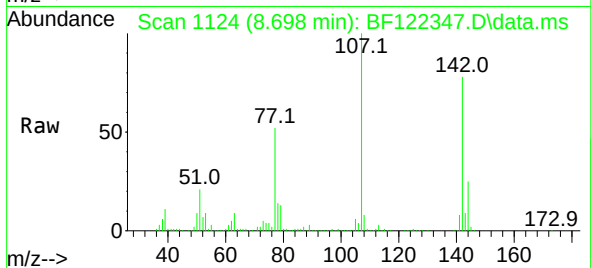




#36  
4-Chloro-3-methylphenol  
Concen: 48.44 ng  
RT: 8.698 min Scan# 1124  
Delta R.T. 0.000 min  
Lab File: BF122347.D  
Acq: 17 Nov 2020 15:47

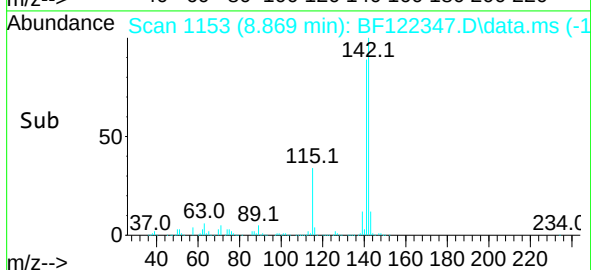
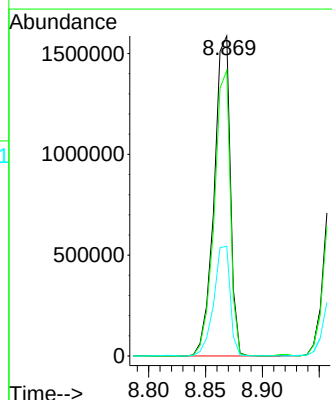
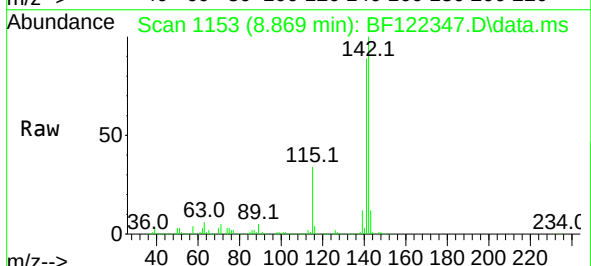
Instrument :  
BNA\_F  
ClientSampleId :  
R-LA-33-4-WCMSD

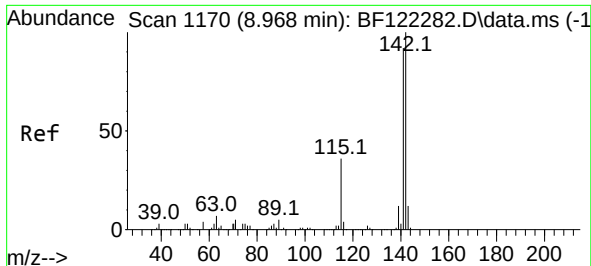
Tgt Ion:107 Resp: 763861  
Ion Ratio Lower Upper  
107 100  
144 25.2 20.1 30.1  
142 78.0 59.3 88.9



#37  
2-Methylnaphthalene  
Concen: 45.13 ng  
RT: 8.869 min Scan# 1153  
Delta R.T. 0.001 min  
Lab File: BF122347.D  
Acq: 17 Nov 2020 15:47

Tgt Ion:142 Resp: 1576034  
Ion Ratio Lower Upper  
142 100  
141 89.3 70.2 105.4  
115 34.3 28.6 43.0

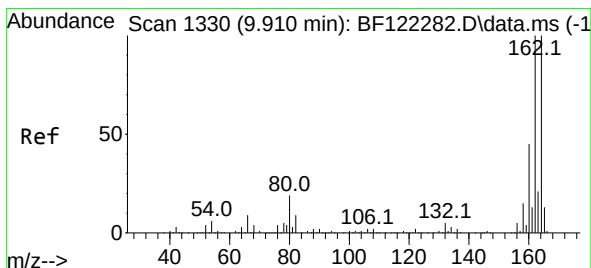
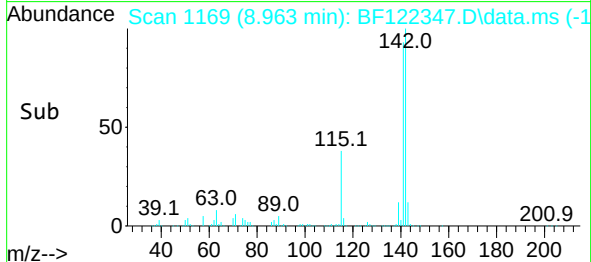
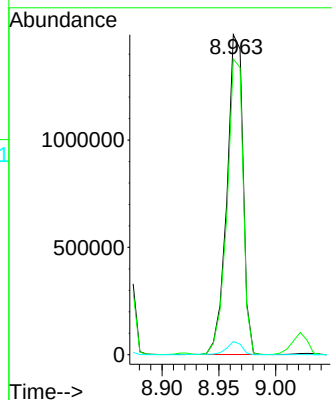
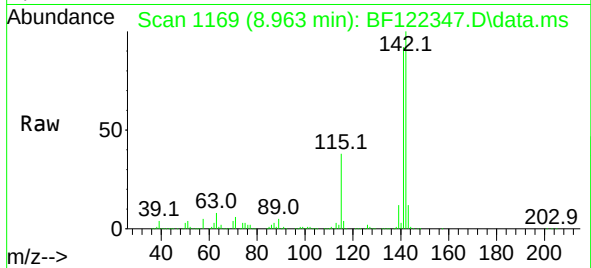




#38  
1-Methylnaphthalene  
Concen: 44.92 ng  
RT: 8.963 min Scan# 1169  
Delta R.T. -0.006 min  
Lab File: BF122347.D  
Acq: 17 Nov 2020 15:47

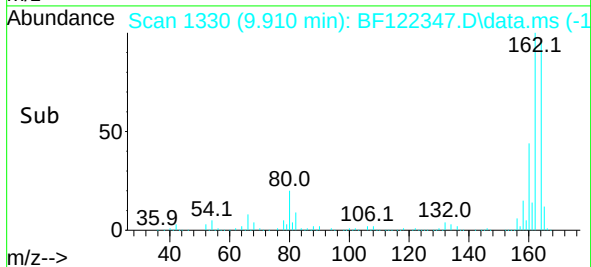
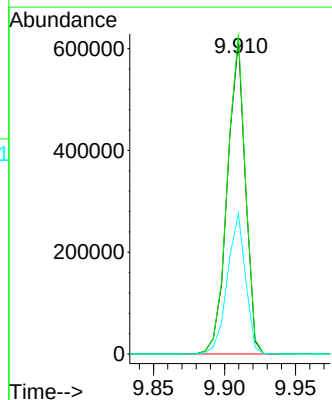
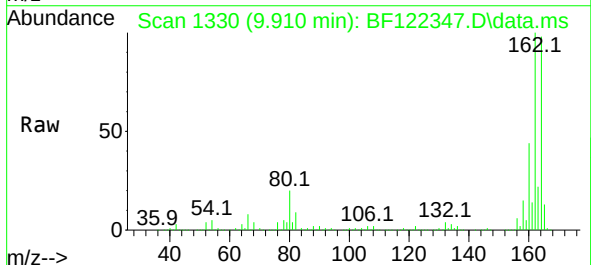
Instrument :  
BNA\_F  
ClientSampleId :  
R-LA-33-4-WCMSD

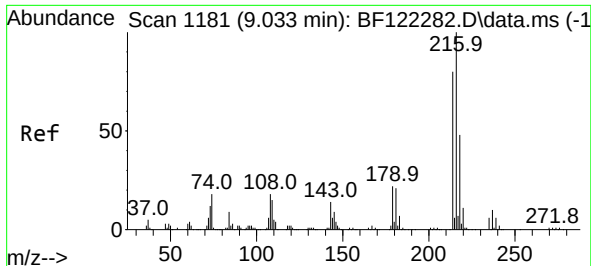
Tgt Ion:142 Resp: 1468507  
Ion Ratio Lower Upper  
142 100  
141 92.4 74.5 111.7  
116 4.1 3.2 4.8



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.910 min Scan# 1330  
Delta R.T. -0.000 min  
Lab File: BF122347.D  
Acq: 17 Nov 2020 15:47

Tgt Ion:164 Resp: 544301  
Ion Ratio Lower Upper  
164 100  
162 101.8 83.2 124.8  
160 44.8 37.5 56.3

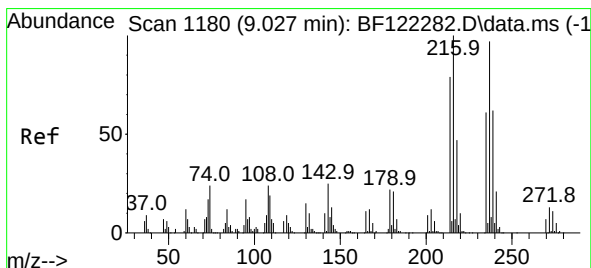
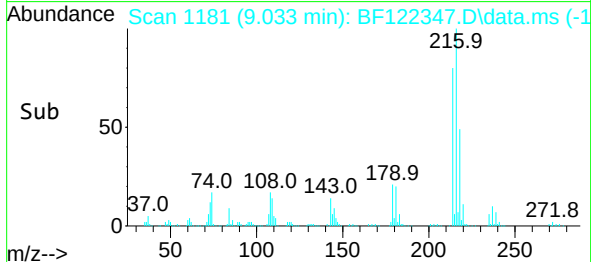
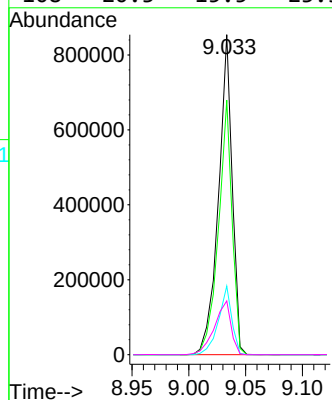
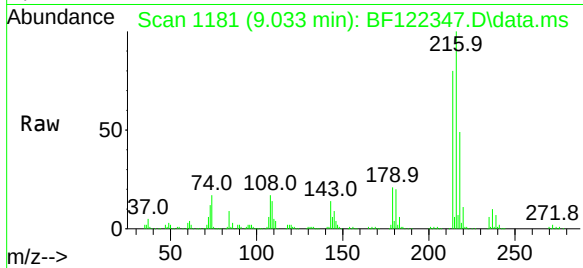




#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 42.85 ng  
RT: 9.033 min Scan# 1181  
Delta R.T. 0.000 min  
Lab File: BF122347.D  
Acq: 17 Nov 2020 15:47

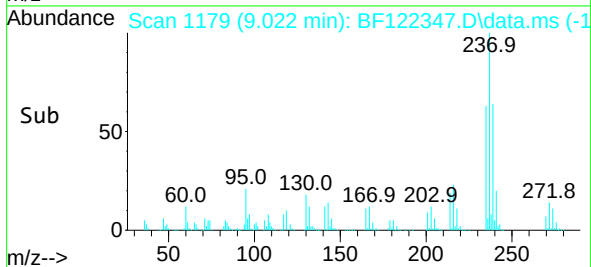
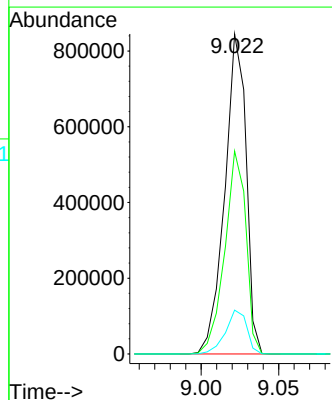
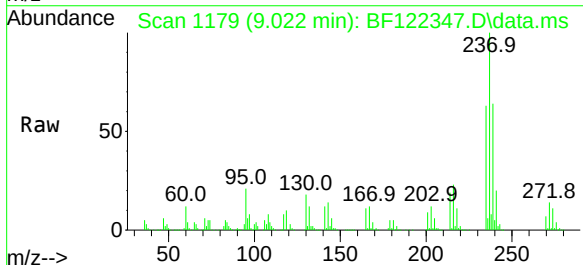
Instrument :  
BNA\_F  
ClientSampleId :  
R-LA-33-4-WCMSD

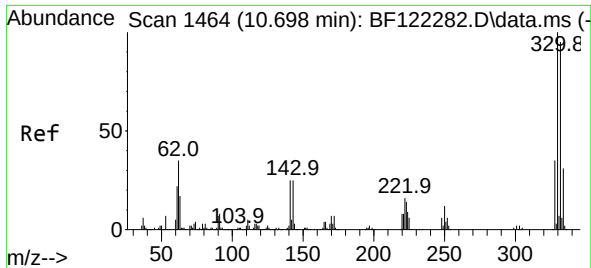
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 216   | Resp: | 718655 |
| Ion Ratio | Lower | Upper |        |
| 216       | 100   |       |        |
| 214       | 79.2  | 63.4  | 95.2   |
| 179       | 21.0  | 17.0  | 25.6   |
| 108       | 20.3  | 15.5  | 23.3   |



#41  
Hexachlorocyclopentadiene  
Concen: 82.58 ng  
RT: 9.022 min Scan# 1179  
Delta R.T. -0.006 min  
Lab File: BF122347.D  
Acq: 17 Nov 2020 15:47

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 237   | Resp: | 809810 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 63.4  | 41.8  | 81.8   |
| 272       | 13.7  | 0.0   | 33.5   |

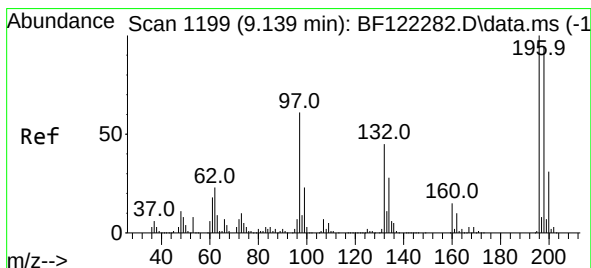
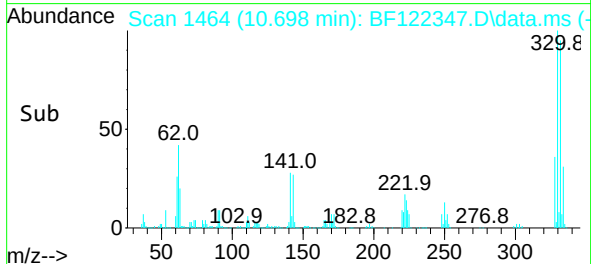
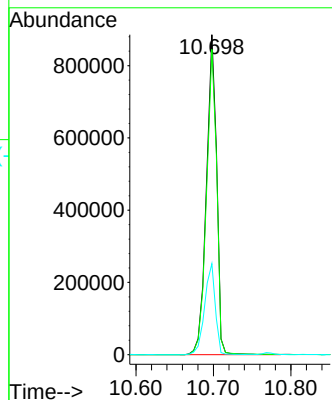
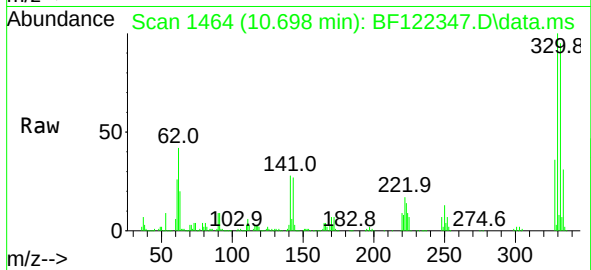




#42  
 2,4,6-Tribromophenol  
 Concen: 139.22 ng  
 RT: 10.698 min Scan# 1464  
 Delta R.T. 0.000 min  
 Lab File: BF122347.D  
 Acq: 17 Nov 2020 15:47

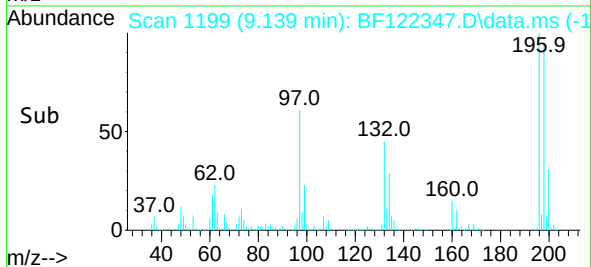
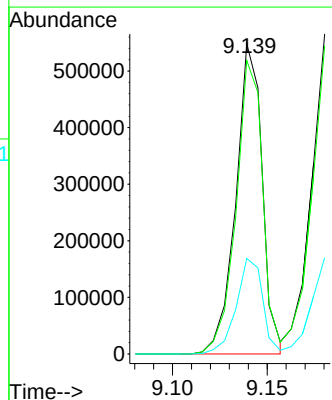
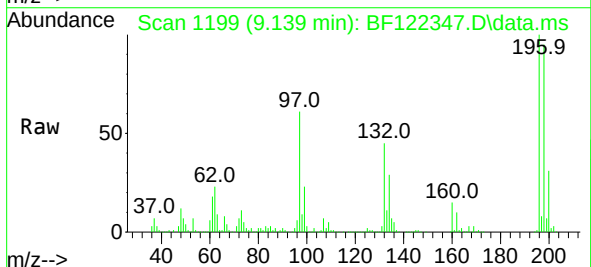
Instrument :  
 BNA\_F  
 ClientSampleId :  
 R-LA-33-4-WCMSD

Tgt Ion: 330 Resp: 813278  
 Ion Ratio Lower Upper  
 330 100  
 332 95.5 77.3 115.9  
 141 29.7 22.3 33.5

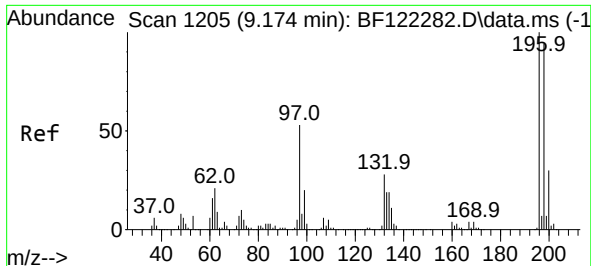


#43  
 2,4,6-Trichlorophenol  
 Concen: 48.58 ng  
 RT: 9.139 min Scan# 1199  
 Delta R.T. 0.000 min  
 Lab File: BF122347.D  
 Acq: 17 Nov 2020 15:47

Tgt Ion: 196 Resp: 529120  
 Ion Ratio Lower Upper  
 196 100  
 198 94.6 75.8 113.6  
 200 30.8 24.6 36.8

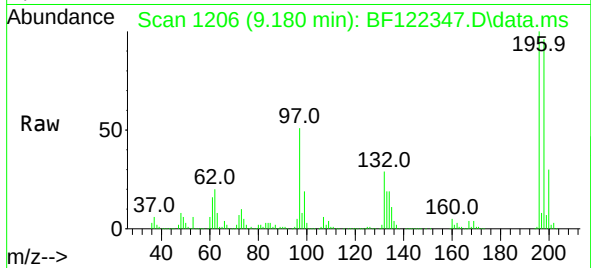




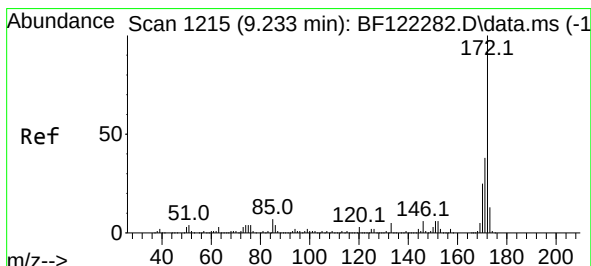
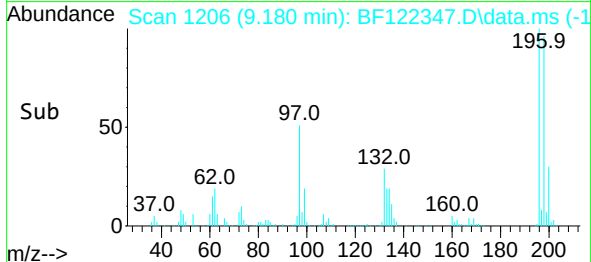
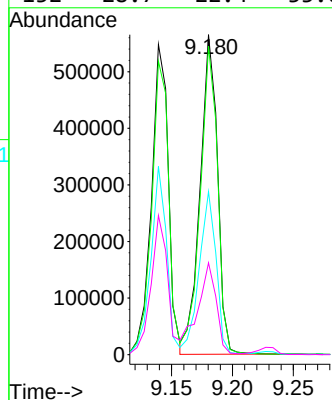


#44  
2,4,5-Trichlorophenol  
Concen: 49.35 ng  
RT: 9.180 min Scan# 1206  
Delta R.T. 0.006 min  
Lab File: BF122347.D  
Acq: 17 Nov 2020 15:47

Instrument :  
BNA\_F  
ClientSampleId :  
R-LA-33-4-WCMSD

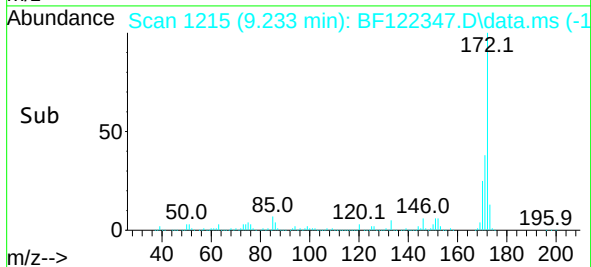
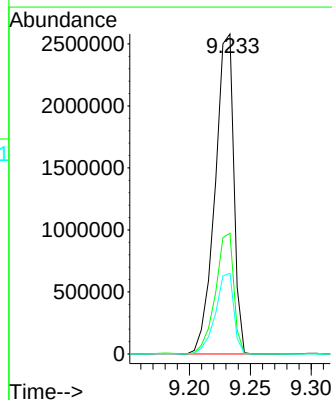
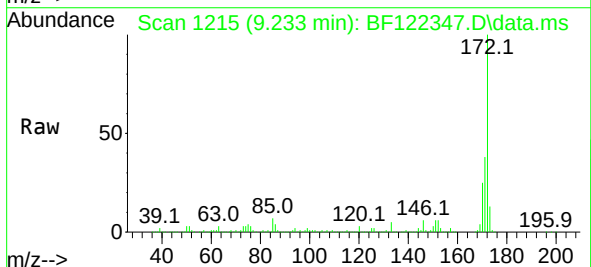


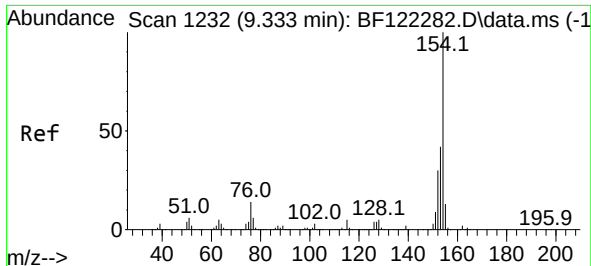
Tgt Ion:196 Resp: 563561  
Ion Ratio Lower Upper  
196 100  
198 96.4 76.1 114.1  
97 50.9 41.0 61.6  
132 28.7 22.4 33.6



#45  
2-Fluorobiphenyl  
Concen: 79.51 ng  
RT: 9.233 min Scan# 1215  
Delta R.T. 0.000 min  
Lab File: BF122347.D  
Acq: 17 Nov 2020 15:47

Tgt Ion:172 Resp: 2769732  
Ion Ratio Lower Upper  
172 100  
171 37.7 29.1 43.7  
170 25.2 19.8 29.6

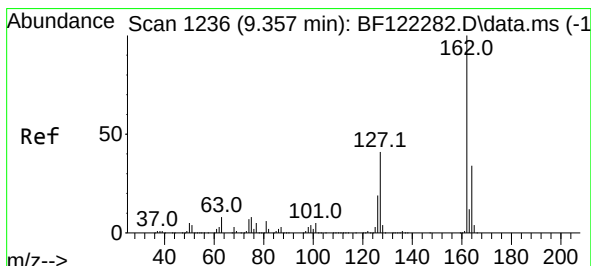
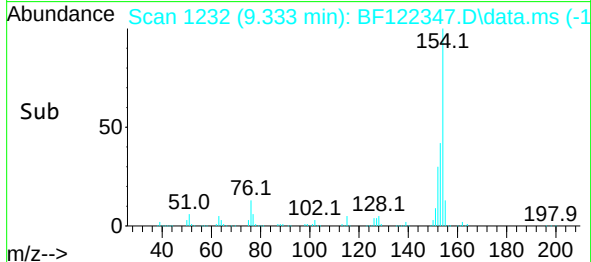
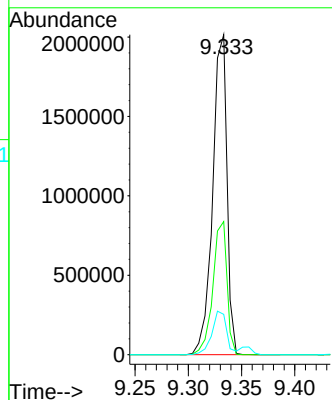
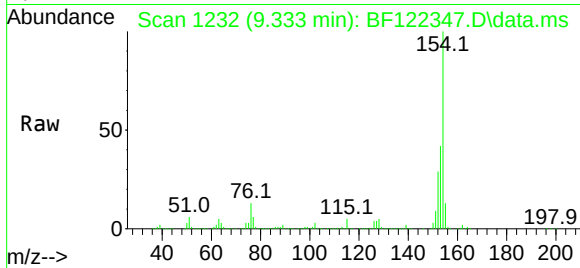




#46  
1,1'-Biphenyl  
Concen: 43.32 ng  
RT: 9.333 min Scan# 1232  
Delta R.T. 0.000 min  
Lab File: BF122347.D  
Acq: 17 Nov 2020 15:47

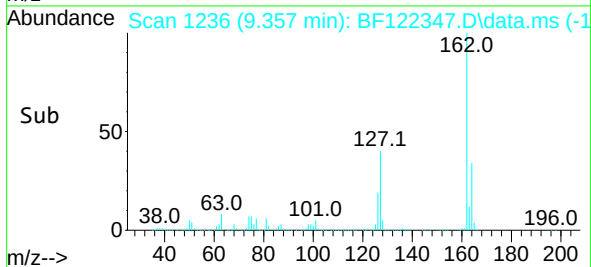
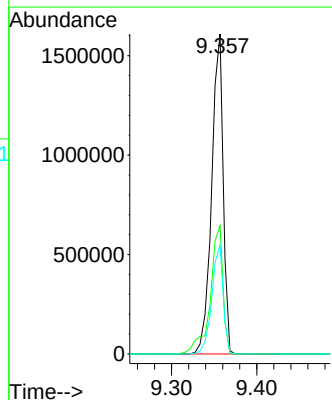
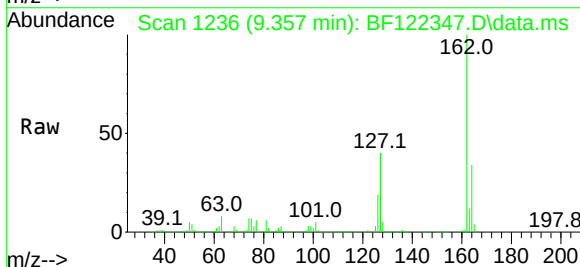
Instrument :  
BNA\_F  
ClientSampleId :  
R-LA-33-4-WCMSD

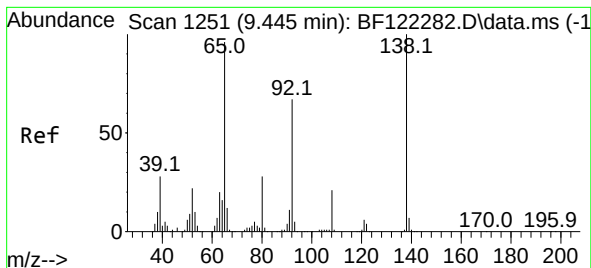
Tgt Ion:154 Resp: 1876904  
Ion Ratio Lower Upper  
154 100  
153 41.6 21.3 61.3  
76 12.6 0.0 34.7



#47  
2-Chloronaphthalene  
Concen: 44.02 ng  
RT: 9.357 min Scan# 1236  
Delta R.T. -0.000 min  
Lab File: BF122347.D  
Acq: 17 Nov 2020 15:47

Tgt Ion:162 Resp: 1513777  
Ion Ratio Lower Upper  
162 100  
127 40.1 34.4 51.6  
164 34.0 26.3 39.5

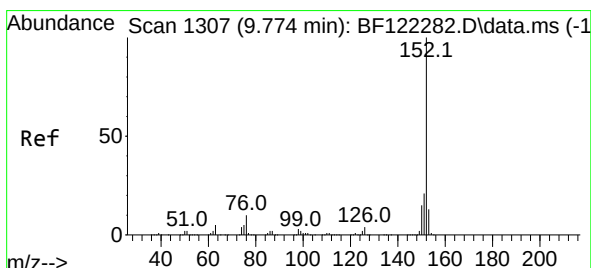
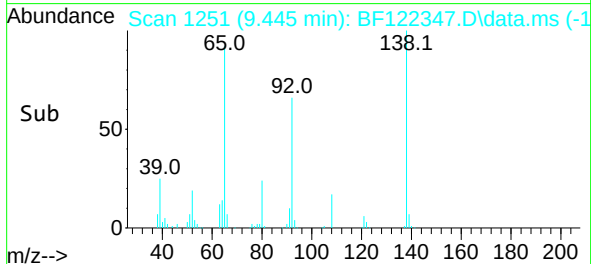
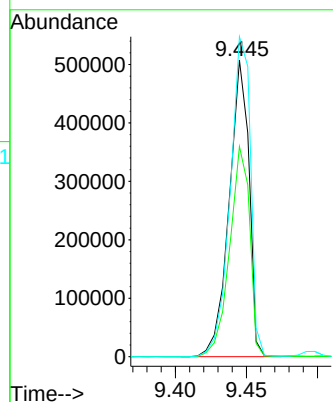
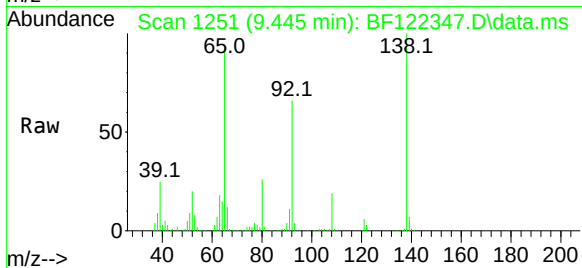




#48  
2-Nitroaniline  
Concen: 48.07 ng  
RT: 9.445 min Scan# 1251  
Delta R.T. 0.000 min  
Lab File: BF122347.D  
Acq: 17 Nov 2020 15:47

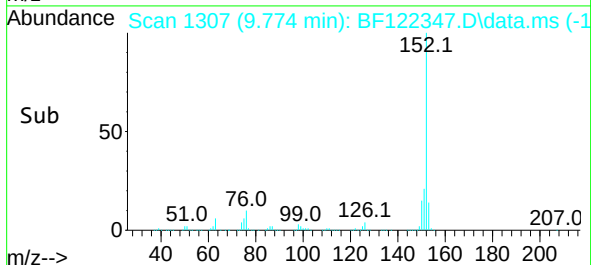
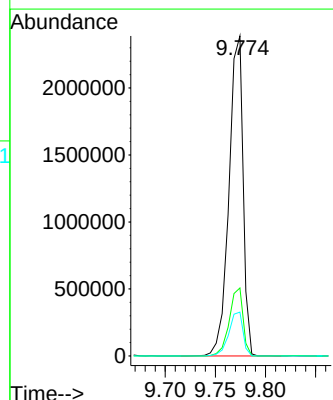
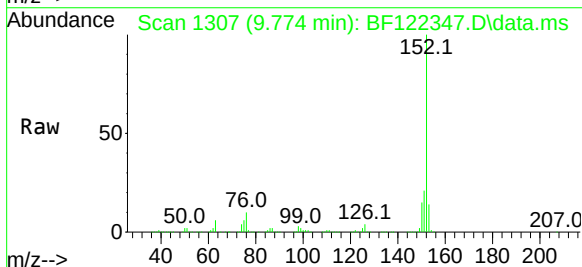
Instrument :  
BNA\_F  
ClientSampleId :  
R-LA-33-4-WCMSD

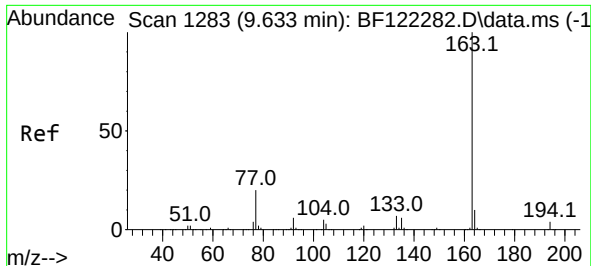
Tgt Ion: 65 Resp: 492461  
Ion Ratio Lower Upper  
65 100  
92 70.9 55.1 82.7  
138 107.9 80.5 120.7



#49  
Acenaphthylene  
Concen: 44.12 ng  
RT: 9.774 min Scan# 1307  
Delta R.T. 0.000 min  
Lab File: BF122347.D  
Acq: 17 Nov 2020 15:47

Tgt Ion: 152 Resp: 2331690  
Ion Ratio Lower Upper  
152 100  
151 21.3 16.4 24.6  
153 13.7 10.6 15.8

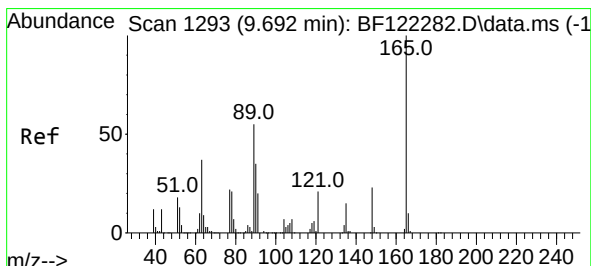
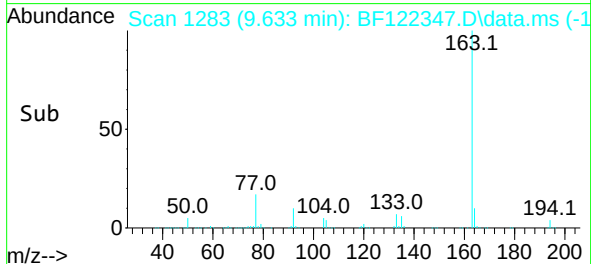
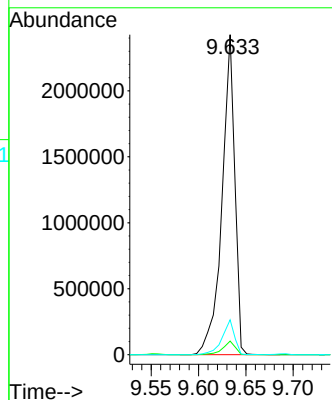
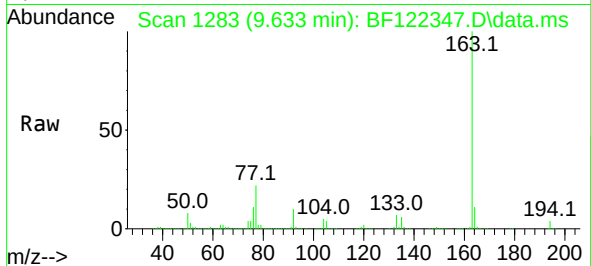




#50  
Dimethylphthalate  
Concen: 59.22 ng  
RT: 9.633 min Scan# 1283  
Delta R.T. 0.000 min  
Lab File: BF122347.D  
Acq: 17 Nov 2020 15:47

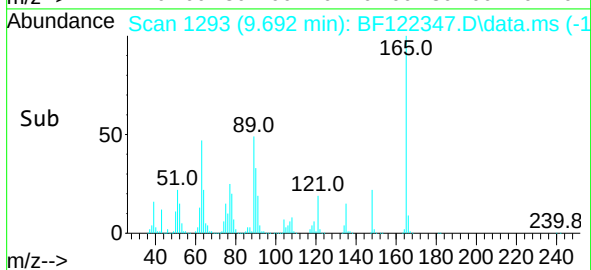
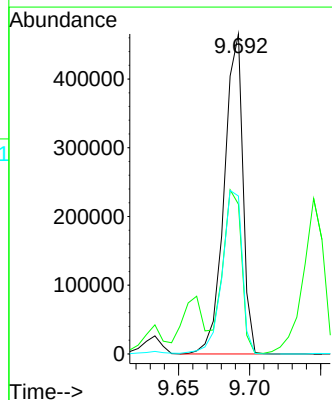
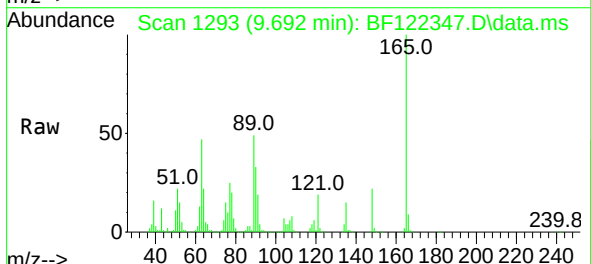
Instrument :  
BNA\_F  
ClientSampleId :  
R-LA-33-4-WCMSD

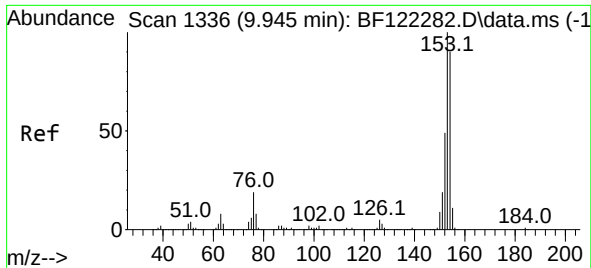
Tgt Ion:163 Resp: 2291145  
Ion Ratio Lower Upper  
163 100  
194 4.3 3.3 4.9  
164 10.9 8.2 12.4



#51  
2,6-Dinitrotoluene  
Concen: 49.12 ng  
RT: 9.692 min Scan# 1293  
Delta R.T. 0.000 min  
Lab File: BF122347.D  
Acq: 17 Nov 2020 15:47

Tgt Ion:165 Resp: 423734  
Ion Ratio Lower Upper  
165 100  
63 46.8 51.8 77.6#  
89 49.3 49.0 73.6

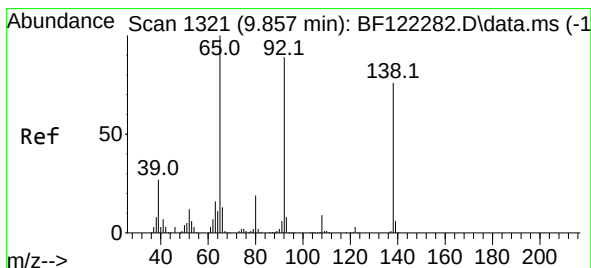
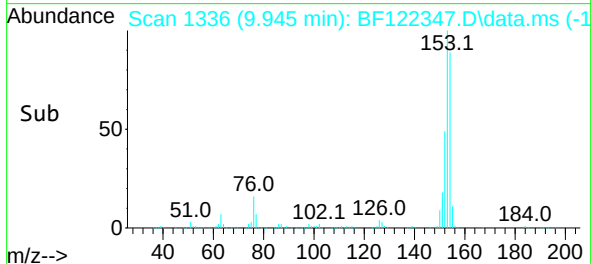
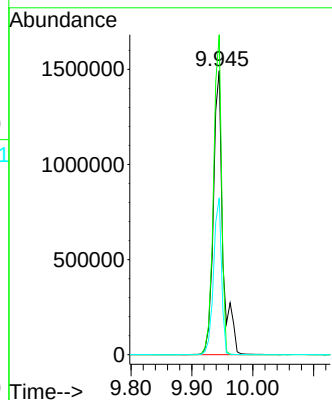
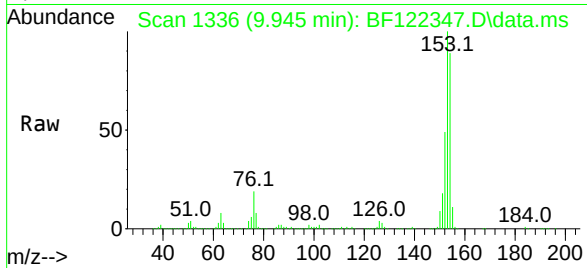




#52  
Acenaphthene  
Concen: 49.49 ng  
RT: 9.945 min Scan# 1336  
Delta R.T. 0.000 min  
Lab File: BF122347.D  
Acq: 17 Nov 2020 15:47

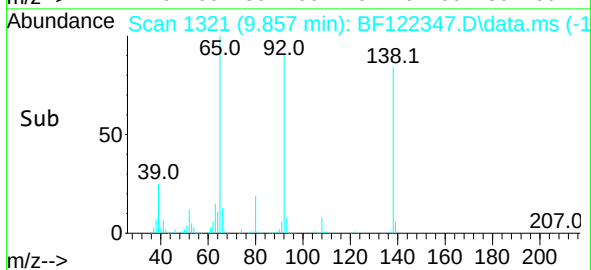
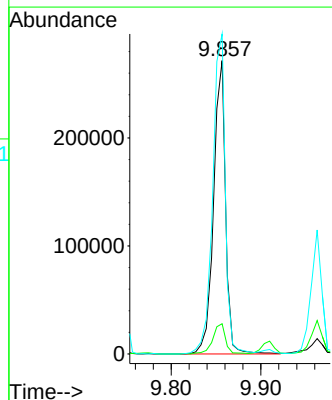
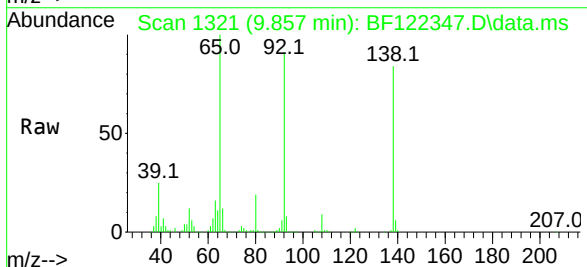
Instrument :  
BNA\_F  
ClientSampleId :  
R-LA-33-4-WCMSD

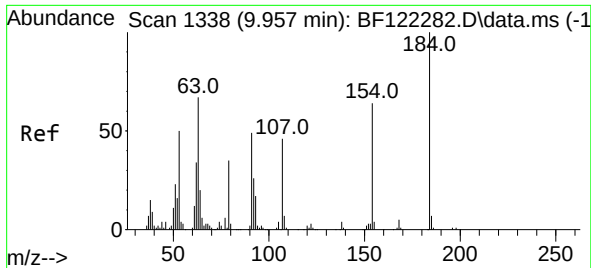
Tgt Ion:154 Resp: 1618935  
Ion Ratio Lower Upper  
154 100  
153 112.6 89.8 134.8  
152 55.2 43.2 64.8



#53  
3-Nitroaniline  
Concen: 27.42 ng  
RT: 9.857 min Scan# 1321  
Delta R.T. -0.000 min  
Lab File: BF122347.D  
Acq: 17 Nov 2020 15:47

Tgt Ion:138 Resp: 252739  
Ion Ratio Lower Upper  
138 100  
108 10.3 8.6 13.0  
92 109.0 96.6 144.8

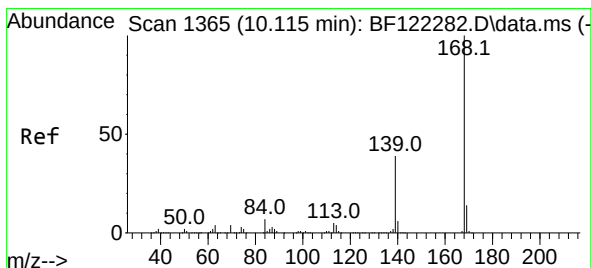
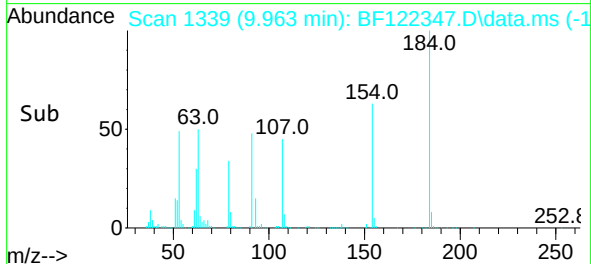
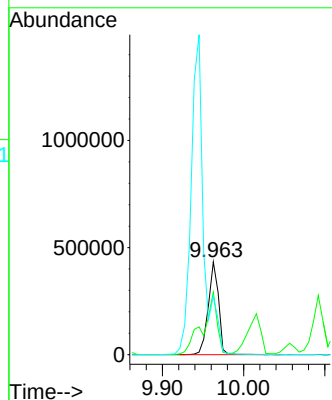
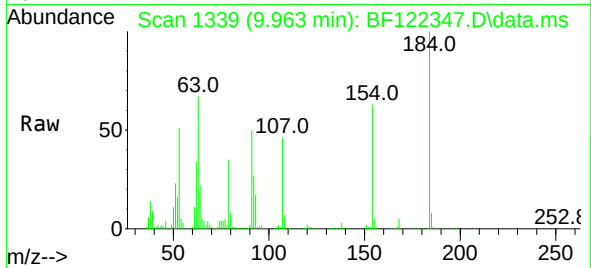




#54  
2,4-Dinitrophenol  
Concen: 94.26 ng  
RT: 9.963 min Scan# 1339  
Delta R.T. 0.006 min  
Lab File: BF122347.D  
Acq: 17 Nov 2020 15:47

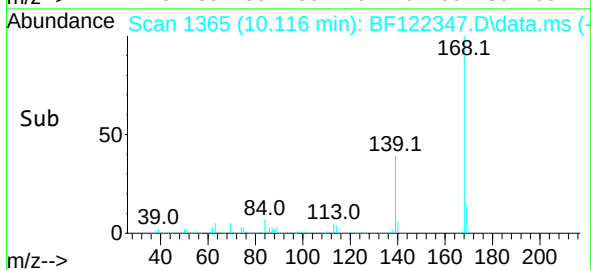
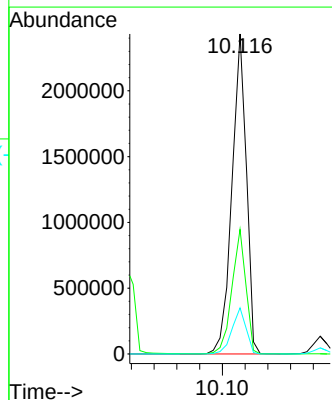
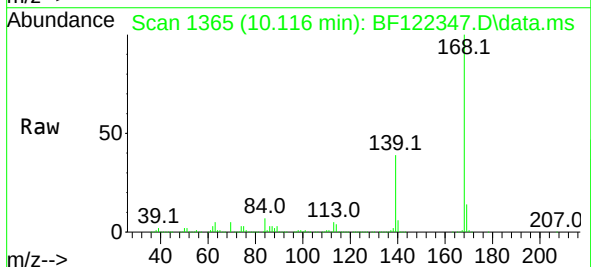
Instrument :  
BNA\_F  
ClientSampleId :  
R-LA-33-4-WCMSD

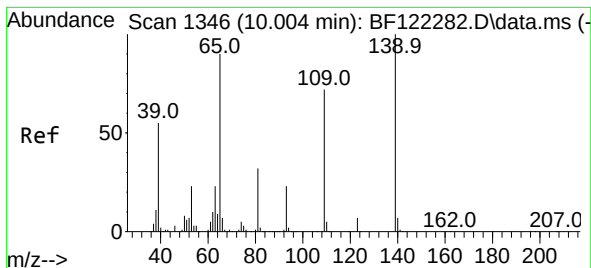
Tgt Ion:184 Resp: 381864  
Ion Ratio Lower Upper  
184 100  
63 67.3 45.9 68.9  
154 63.0 45.8 68.6



#55  
Dibenzofuran  
Concen: 44.56 ng  
RT: 10.116 min Scan# 1365  
Delta R.T. 0.001 min  
Lab File: BF122347.D  
Acq: 17 Nov 2020 15:47

Tgt Ion:168 Resp: 2135660  
Ion Ratio Lower Upper  
168 100  
139 39.0 31.0 46.6  
169 14.4 11.3 16.9

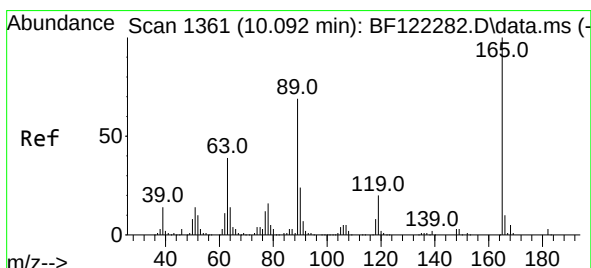
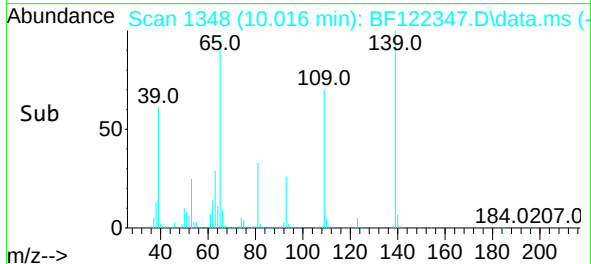
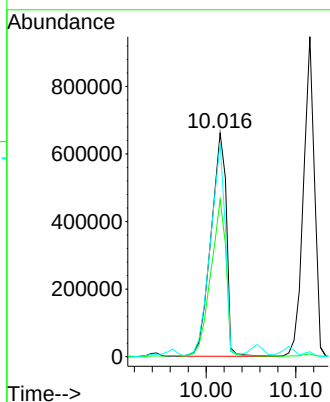
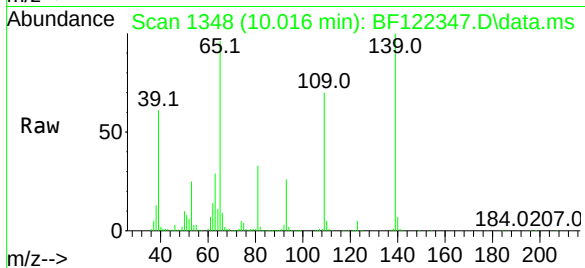




#56  
4-Nitrophenol  
Concen: 92.67 ng  
RT: 10.016 min Scan# 1348  
Delta R.T. 0.012 min  
Lab File: BF122347.D  
Acq: 17 Nov 2020 15:47

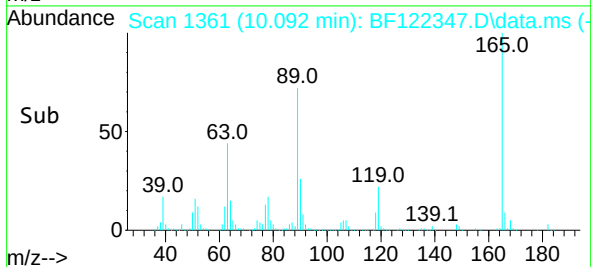
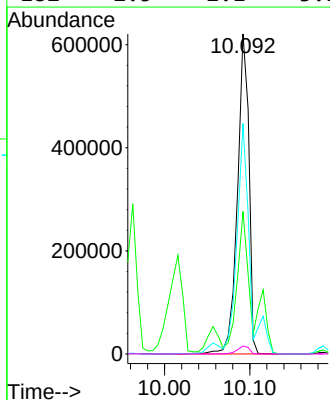
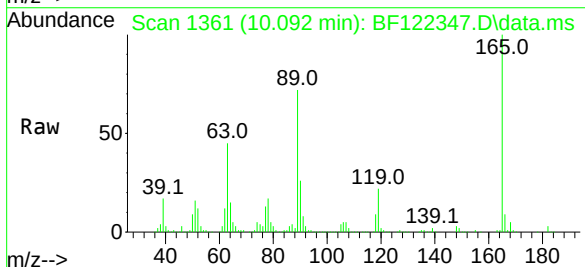
Instrument :  
BNA\_F  
ClientSampleId :  
R-LA-33-4-WCMSD

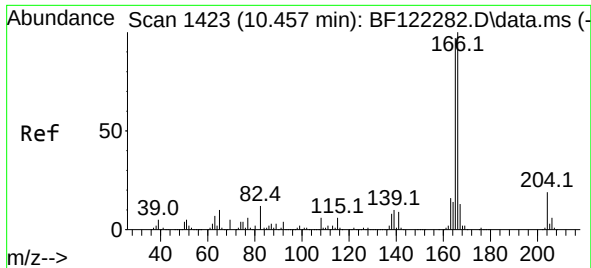
Tgt Ion:139 Resp: 789772  
Ion Ratio Lower Upper  
139 100  
109 70.4 45.4 85.4  
65 95.5 68.4 108.4



#57  
2,4-Dinitrotoluene  
Concen: 52.83 ng  
RT: 10.092 min Scan# 1361  
Delta R.T. 0.000 min  
Lab File: BF122347.D  
Acq: 17 Nov 2020 15:47

Tgt Ion:165 Resp: 578953  
Ion Ratio Lower Upper  
165 100  
63 44.6 41.3 61.9  
89 72.1 61.8 92.8  
182 2.5 2.1 3.1

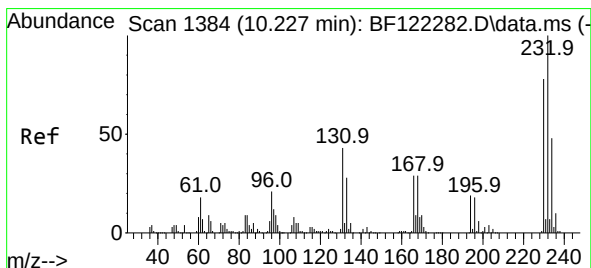
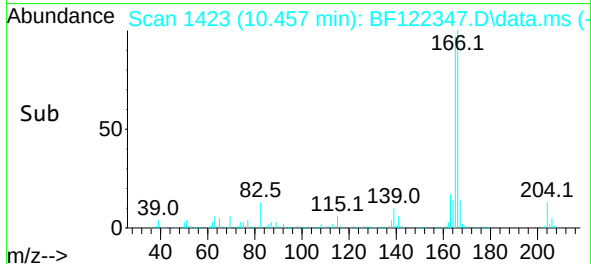
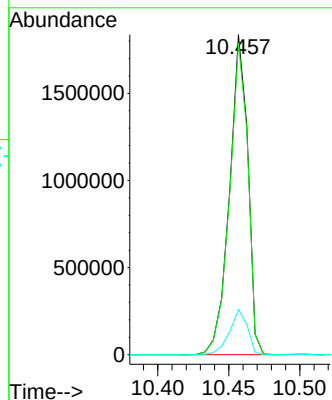
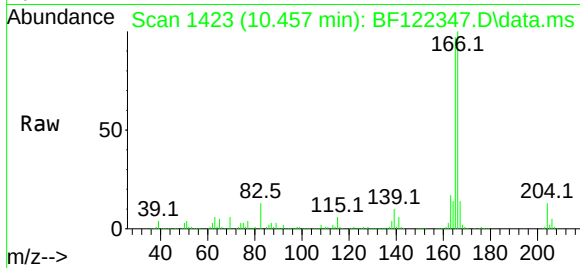




#58  
Fluorene  
Concen: 44.81 ng  
RT: 10.457 min Scan# 1423  
Delta R.T. 0.000 min  
Lab File: BF122347.D  
Acq: 17 Nov 2020 15:47

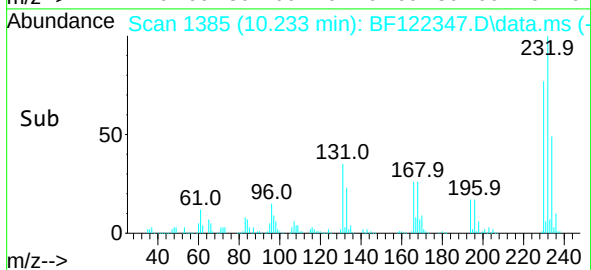
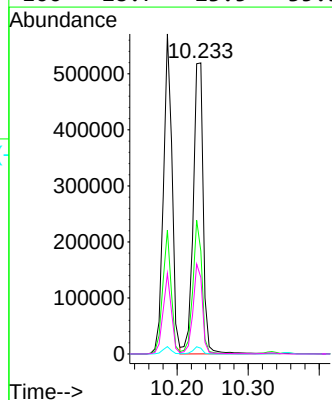
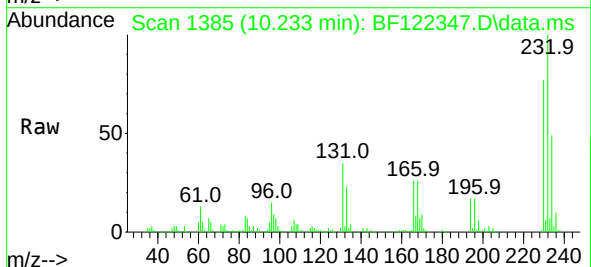
Instrument :  
BNA\_F  
ClientSampleId :  
R-LA-33-4-WCMSD

Tgt Ion:166 Resp: 1644515  
Ion Ratio Lower Upper  
166 100  
165 97.2 79.1 118.7  
167 14.1 11.0 16.6

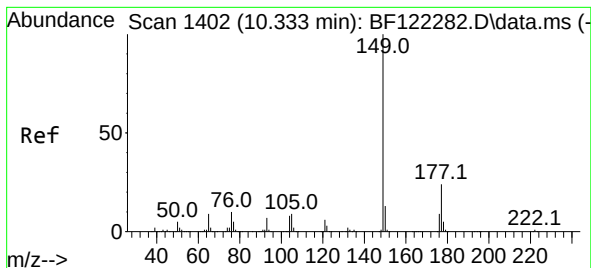


#59  
2,3,4,6-Tetrachlorophenol  
Concen: 53.35 ng  
RT: 10.233 min Scan# 1385  
Delta R.T. 0.006 min  
Lab File: BF122347.D  
Acq: 17 Nov 2020 15:47

Tgt Ion:232 Resp: 506622  
Ion Ratio Lower Upper  
232 100  
131 41.6 35.9 53.9  
130 2.2 1.8 2.6  
166 28.7 23.5 35.3



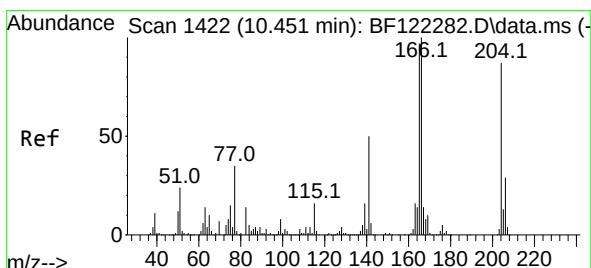
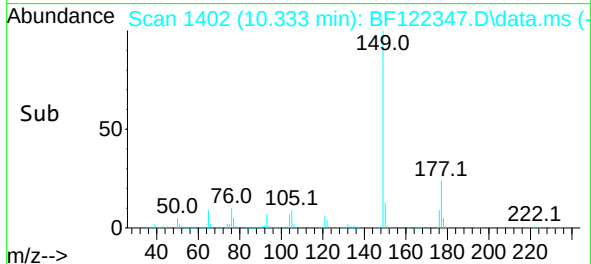
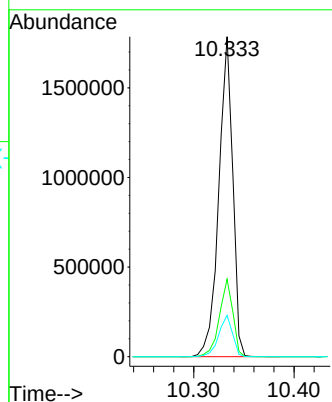
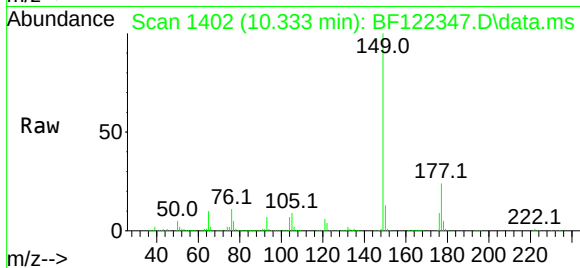




#60  
Diethylphthalate  
Concen: 45.23 ng  
RT: 10.333 min Scan# 1402  
Delta R.T. 0.000 min  
Lab File: BF122347.D  
Acq: 17 Nov 2020 15:47

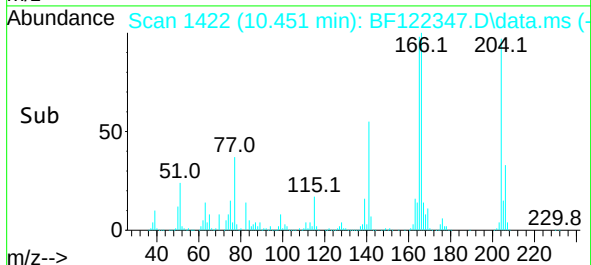
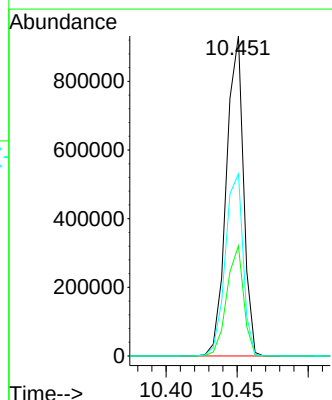
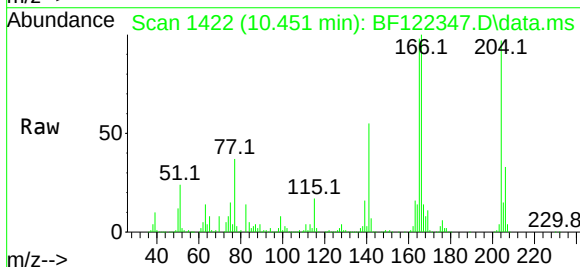
Instrument :  
BNA\_F  
ClientSampleId :  
R-LA-33-4-WCMSD

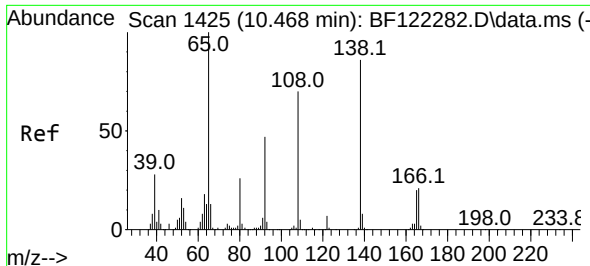
Tgt Ion:149 Resp: 1716746  
Ion Ratio Lower Upper  
149 100  
177 24.2 18.1 27.1  
150 12.9 10.3 15.5



#61  
4-Chlorophenyl-phenylether  
Concen: 44.95 ng  
RT: 10.451 min Scan# 1422  
Delta R.T. 0.000 min  
Lab File: BF122347.D  
Acq: 17 Nov 2020 15:47

Tgt Ion:204 Resp: 778845  
Ion Ratio Lower Upper  
204 100  
206 34.4 26.0 39.0  
141 56.9 46.2 69.4

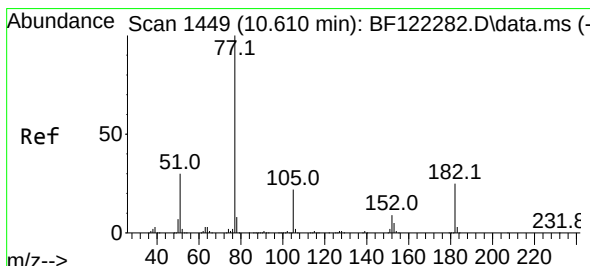
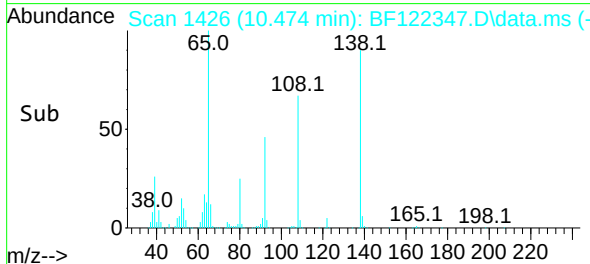
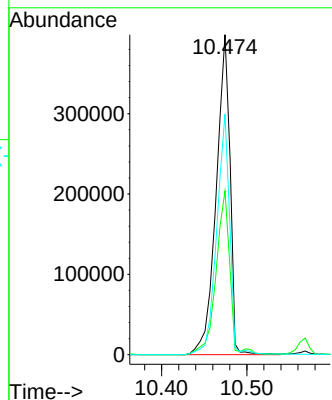
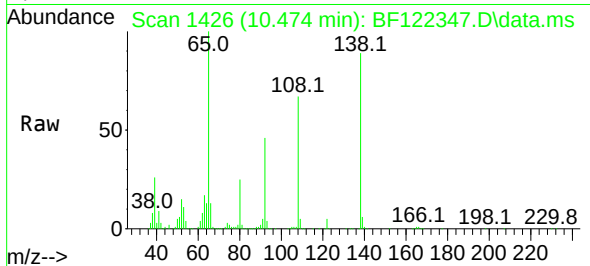




#62  
4-Nitroaniline  
Concen: 46.95 ng  
RT: 10.474 min Scan# 1426  
Delta R.T. 0.006 min  
Lab File: BF122347.D  
Acq: 17 Nov 2020 15:47

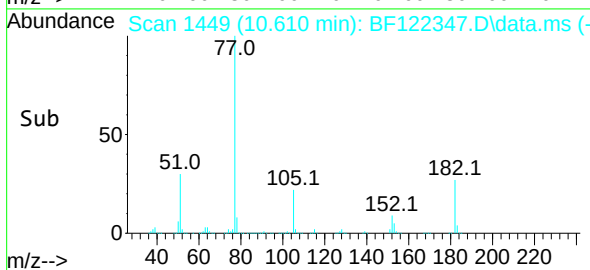
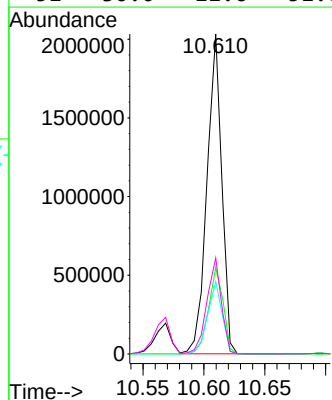
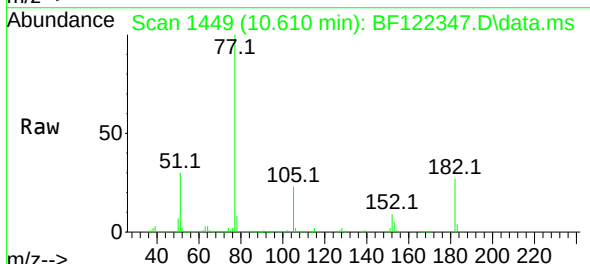
Instrument :  
BNA\_F  
ClientSampleId :  
R-LA-33-4-WCMSD

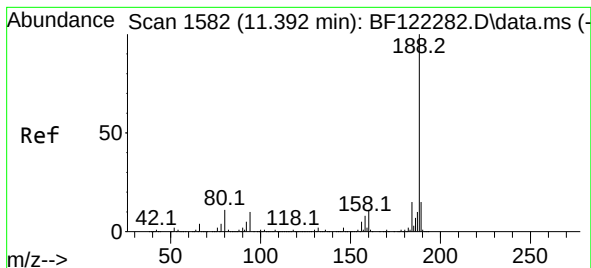
Tgt Ion:138 Resp: 449692  
Ion Ratio Lower Upper  
138 100  
92 51.1 31.0 71.0  
108 75.1 51.5 91.5



#63  
Azobenzene  
Concen: 43.03 ng  
RT: 10.610 min Scan# 1449  
Delta R.T. 0.000 min  
Lab File: BF122347.D  
Acq: 17 Nov 2020 15:47

Tgt Ion: 77 Resp: 1713233  
Ion Ratio Lower Upper  
77 100  
182 27.0 3.4 43.4  
105 22.7 1.7 41.7  
51 30.0 11.6 51.6





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.392 min Scan# 1582

Delta R.T. -0.000 min

Lab File: BF122347.D

Acq: 17 Nov 2020 15:47

Tgt Ion:188 Resp: 1046544

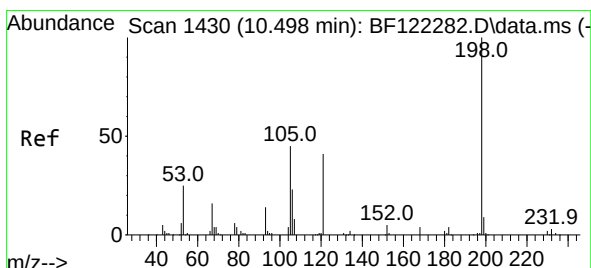
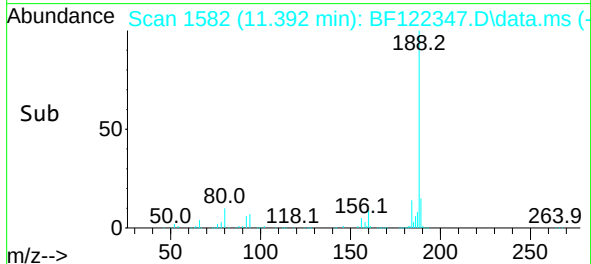
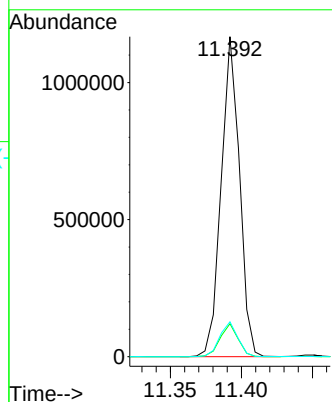
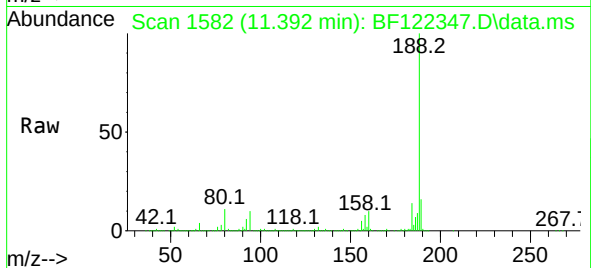
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 10.3  | 8.3   | 12.5  |
| 80  | 10.9  | 9.1   | 13.7  |

Instrument :

BNA\_F

ClientSampleId :

R-LA-33-4-WCMSD



#65

4,6-Dinitro-2-methylphenol

Concen: 55.78 ng

RT: 10.504 min Scan# 1431

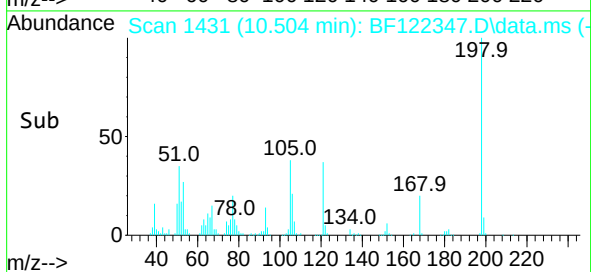
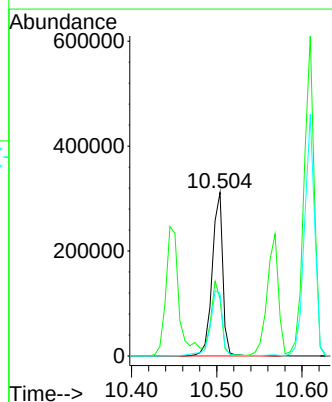
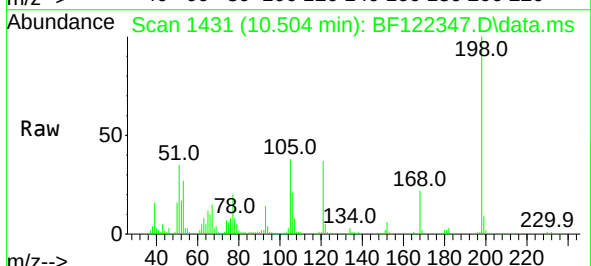
Delta R.T. 0.006 min

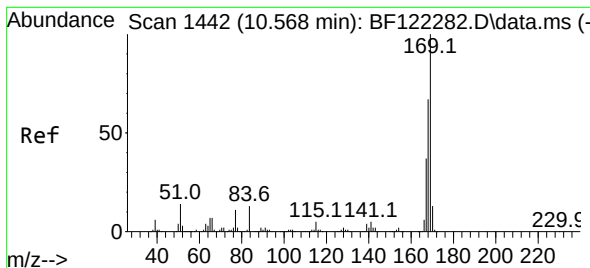
Lab File: BF122347.D

Acq: 17 Nov 2020 15:47

Tgt Ion:198 Resp: 269490

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 198 | 100   |       |       |
| 51  | 35.0  | 29.6  | 69.6  |
| 105 | 38.4  | 24.4  | 64.4  |

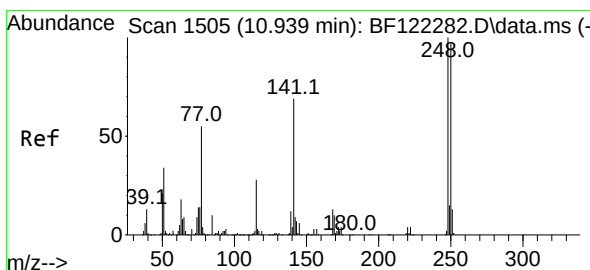
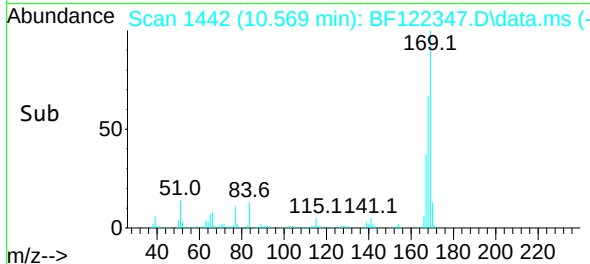
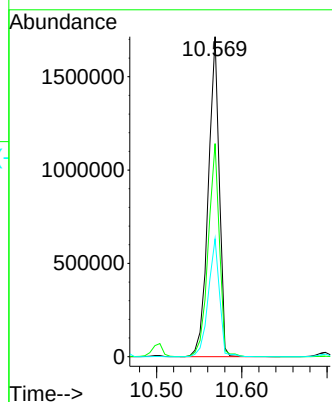
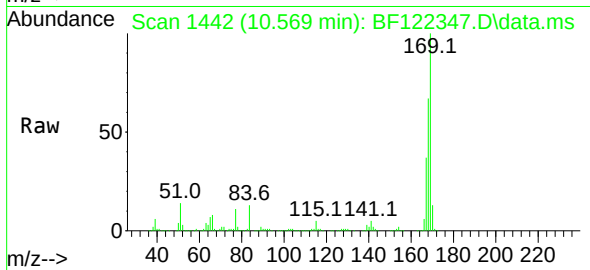




#66  
n-Nitrosodiphenylamine  
Concen: 43.11 ng  
RT: 10.569 min Scan# 1442  
Delta R.T. 0.000 min  
Lab File: BF122347.D  
Acq: 17 Nov 2020 15:47

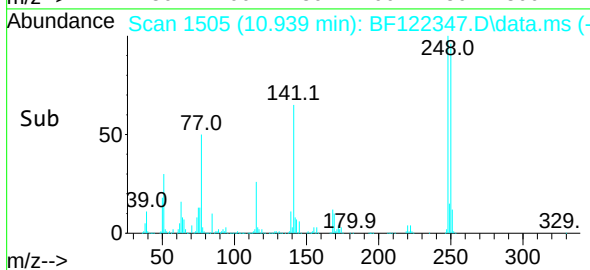
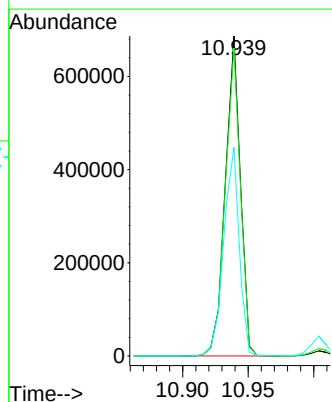
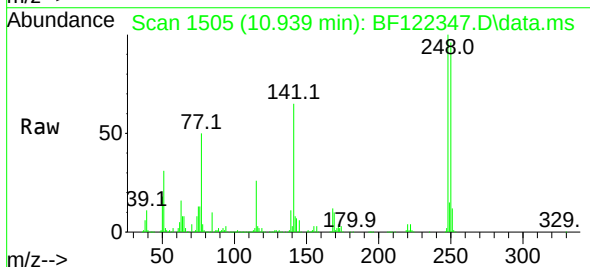
Instrument :  
BNA\_F  
ClientSampleId :  
R-LA-33-4-WCMSD

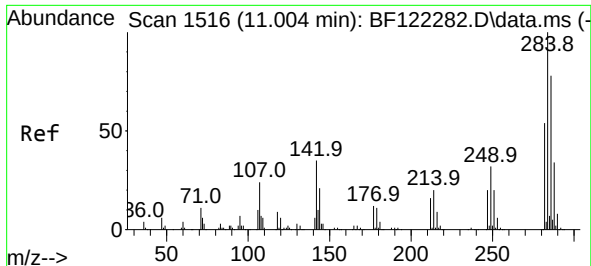
Tgt Ion:169 Resp: 1537273  
Ion Ratio Lower Upper  
169 100  
168 66.6 50.0 75.0  
167 36.9 27.8 41.6



#67  
4-Bromophenyl-phenylether  
Concen: 44.67 ng  
RT: 10.939 min Scan# 1505  
Delta R.T. 0.000 min  
Lab File: BF122347.D  
Acq: 17 Nov 2020 15:47

Tgt Ion:248 Resp: 549392  
Ion Ratio Lower Upper  
248 100  
250 96.2 77.0 115.6  
141 65.2 53.7 80.5

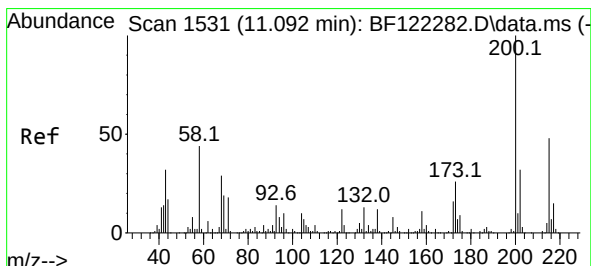
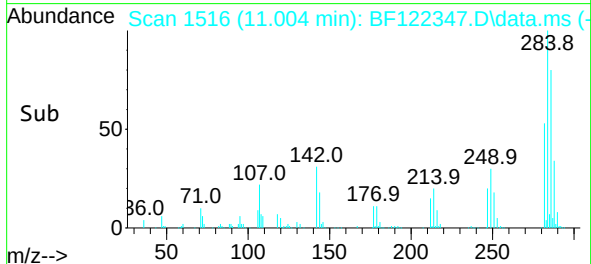
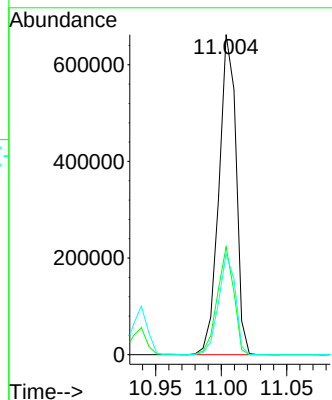
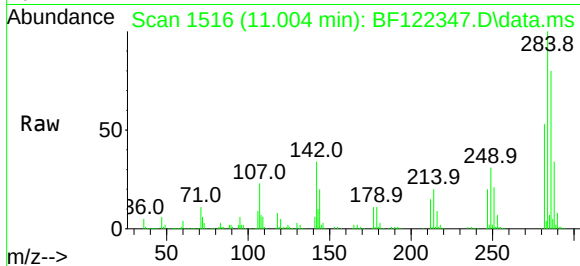




#68  
Hexachlorobenzene  
Concen: 45.13 ng  
RT: 11.004 min Scan# 1516  
Delta R.T. 0.000 min  
Lab File: BF122347.D  
Acq: 17 Nov 2020 15:47

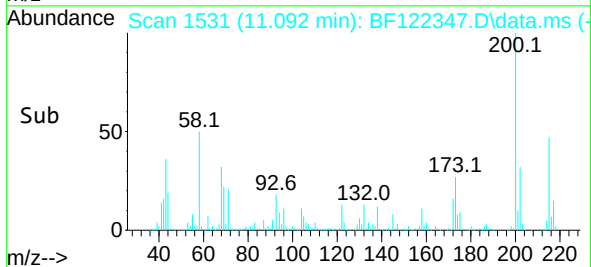
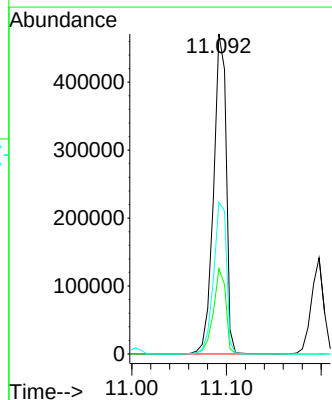
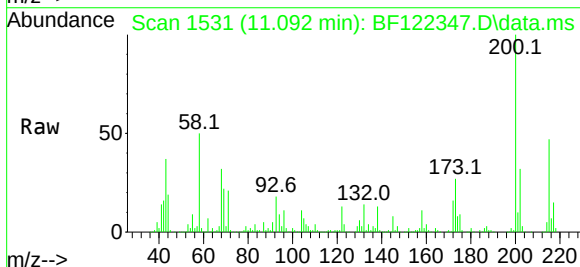
Instrument :  
BNA\_F  
ClientSampleId :  
R-LA-33-4-WCMSD

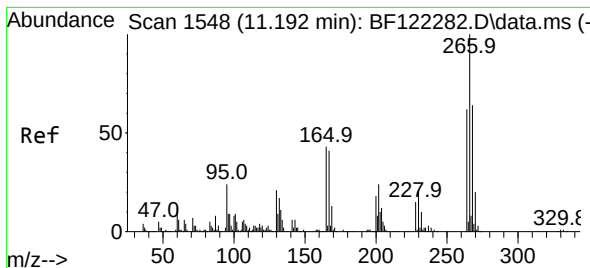
Tgt Ion:284 Resp: 599620  
Ion Ratio Lower Upper  
284 100  
142 33.7 27.4 41.2  
249 31.5 24.2 36.4



#69  
Atrazine  
Concen: 49.43 ng  
RT: 11.092 min Scan# 1531  
Delta R.T. 0.000 min  
Lab File: BF122347.D  
Acq: 17 Nov 2020 15:47

Tgt Ion:200 Resp: 438955  
Ion Ratio Lower Upper  
200 100  
173 26.7 7.5 47.5  
215 47.3 27.1 67.1

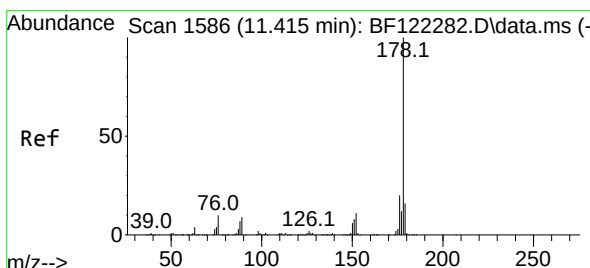
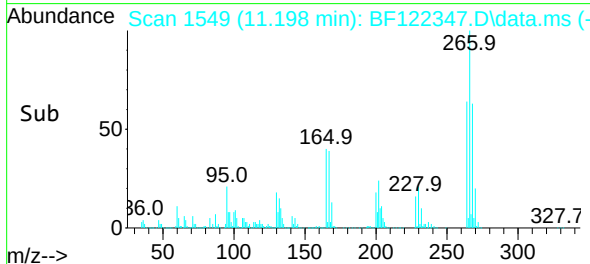
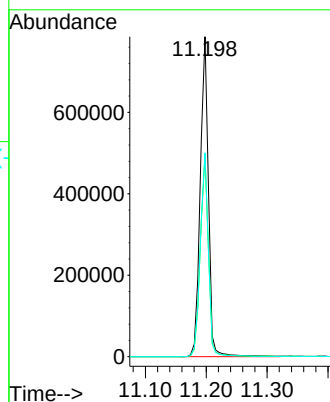
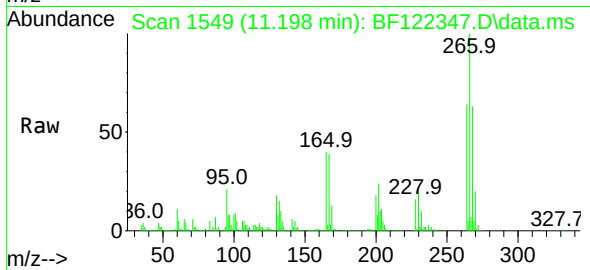




#70  
Pentachlorophenol  
Concen: 95.95 ng  
RT: 11.198 min Scan# 1549  
Delta R.T. 0.006 min  
Lab File: BF122347.D  
Acq: 17 Nov 2020 15:47

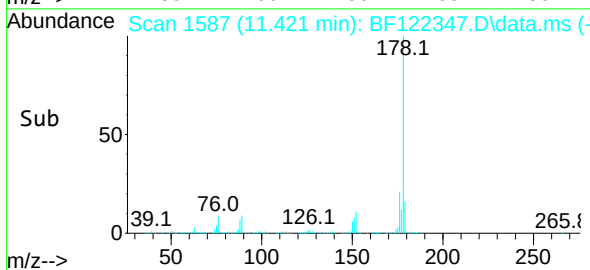
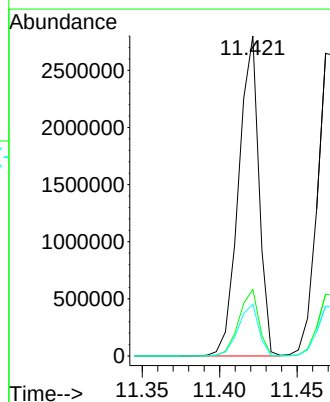
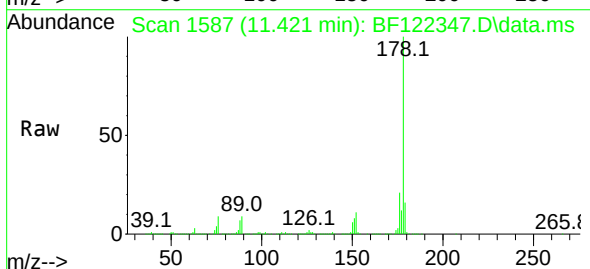
Instrument :  
BNA\_F  
ClientSampleId :  
R-LA-33-4-WCMSD

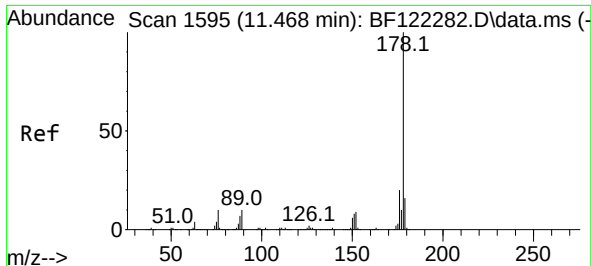
Tgt Ion:266 Resp: 734546  
Ion Ratio Lower Upper  
266 100  
268 63.0 52.4 78.6  
264 63.7 49.9 74.9



#71  
Phenanthrene  
Concen: 43.07 ng  
RT: 11.421 min Scan# 1587  
Delta R.T. 0.006 min  
Lab File: BF122347.D  
Acq: 17 Nov 2020 15:47

Tgt Ion:178 Resp: 2557696  
Ion Ratio Lower Upper  
178 100  
176 20.8 15.9 23.9  
179 16.2 12.2 18.4

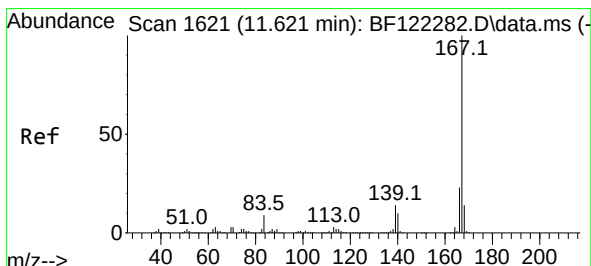
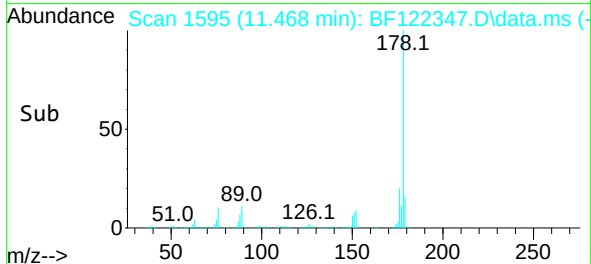
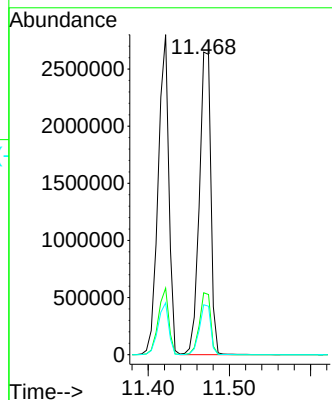
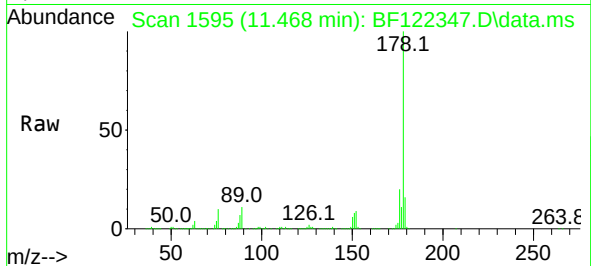




#72  
 Anthracene  
 Concen: 42.76 ng  
 RT: 11.468 min Scan# 1595  
 Delta R.T. 0.000 min  
 Lab File: BF122347.D  
 Acq: 17 Nov 2020 15:47

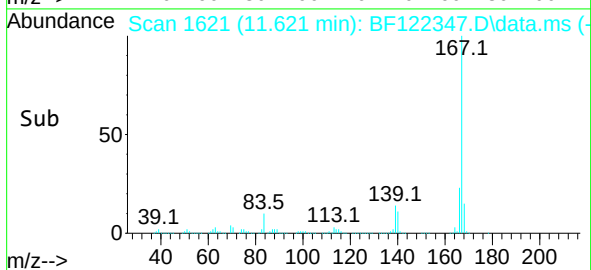
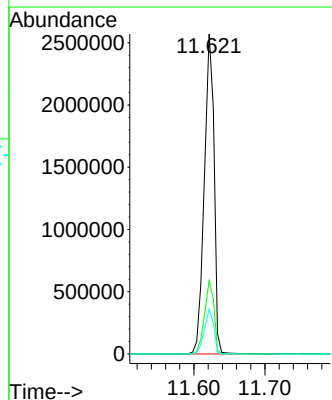
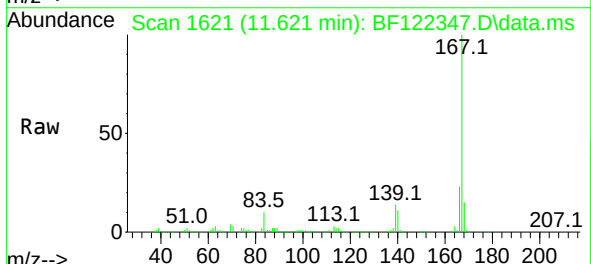
Instrument :  
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 ClientSampleId :  
 R-LA-33-4-WCMSD

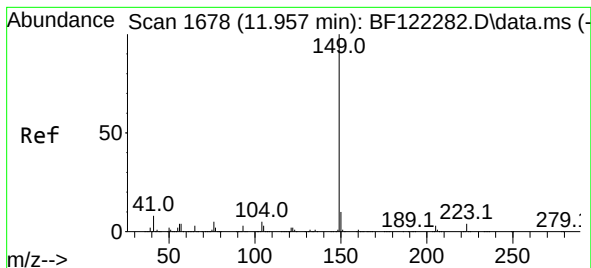
Tgt Ion:178 Resp: 2617033  
 Ion Ratio Lower Upper  
 178 100  
 176 20.5 15.7 23.5  
 179 16.5 12.7 19.1



#73  
 Carbazole  
 Concen: 44.38 ng  
 RT: 11.621 min Scan# 1621  
 Delta R.T. 0.000 min  
 Lab File: BF122347.D  
 Acq: 17 Nov 2020 15:47

Tgt Ion:167 Resp: 2470736  
 Ion Ratio Lower Upper  
 167 100  
 166 22.9 17.8 26.6  
 139 14.0 10.8 16.2

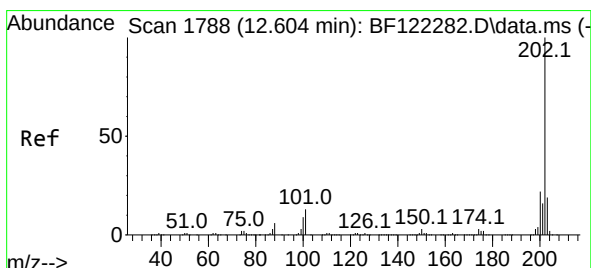
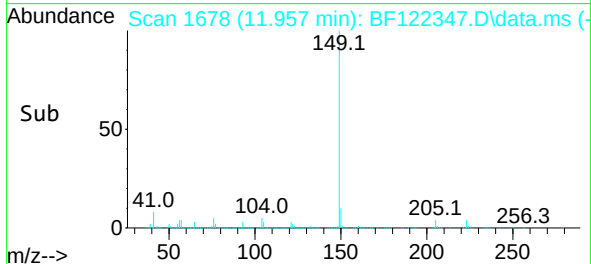
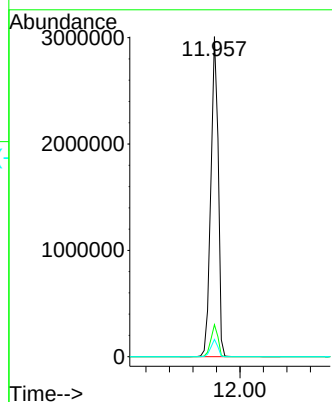
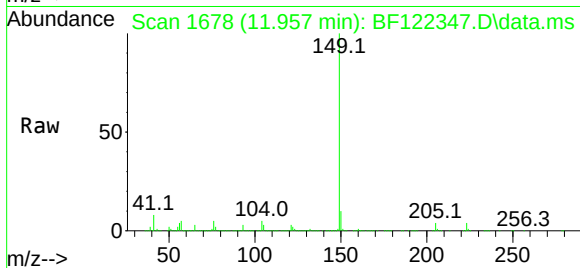




#74  
Di-n-butylphthalate  
Concen: 44.31 ng  
RT: 11.957 min Scan# 1678  
Delta R.T. -0.000 min  
Lab File: BF122347.D  
Acq: 17 Nov 2020 15:47

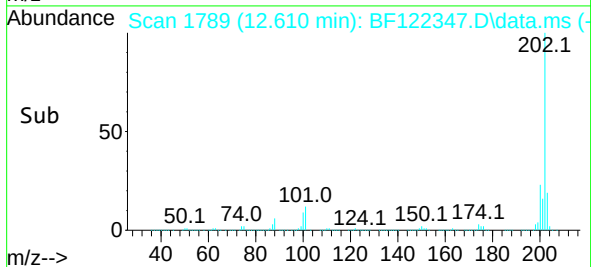
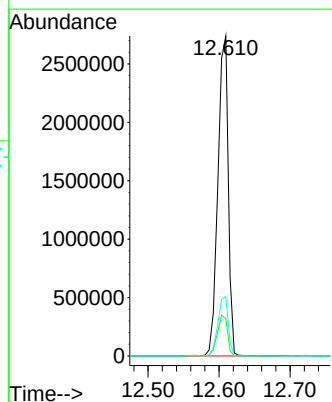
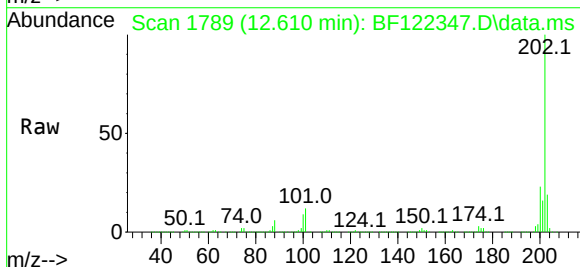
Instrument :  
BNA\_F  
ClientSampleId :  
R-LA-33-4-WCMSD

Tgt Ion:149 Resp: 2629699  
Ion Ratio Lower Upper  
149 100  
150 10.0 7.7 11.5  
104 5.4 4.2 6.2

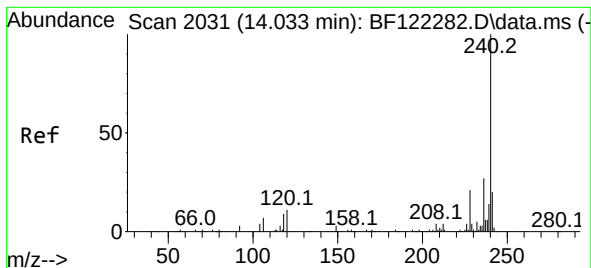


#75  
Fluoranthene  
Concen: 44.64 ng  
RT: 12.610 min Scan# 1789  
Delta R.T. 0.006 min  
Lab File: BF122347.D  
Acq: 17 Nov 2020 15:47

Tgt Ion:202 Resp: 2767265  
Ion Ratio Lower Upper  
202 100  
101 11.7 0.0 33.4  
203 18.6 0.0 37.9



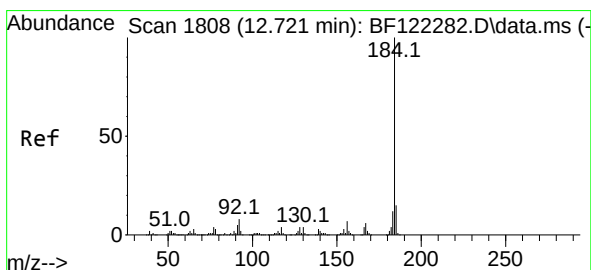
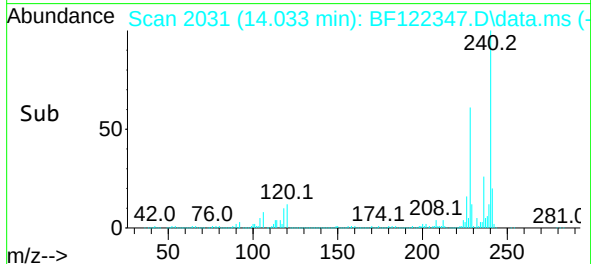
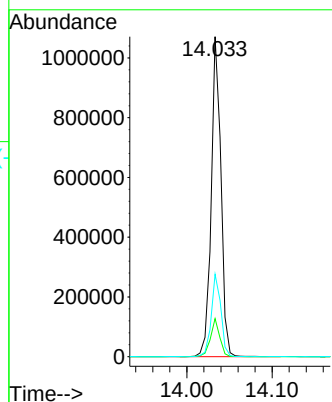
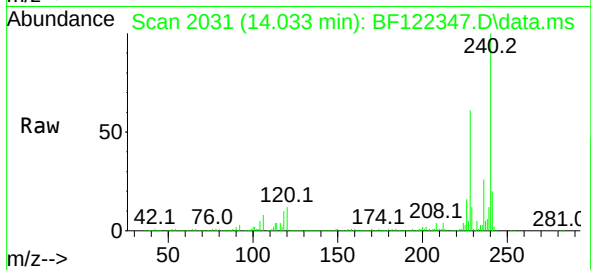




#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 14.033 min Scan# 2031  
Delta R.T. -0.000 min  
Lab File: BF122347.D  
Acq: 17 Nov 2020 15:47

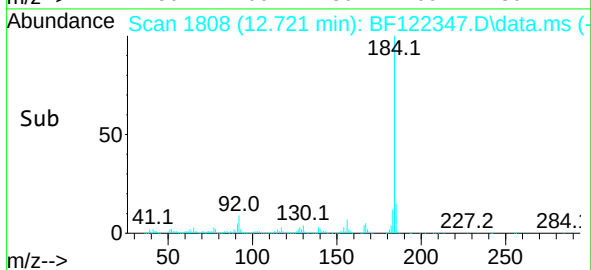
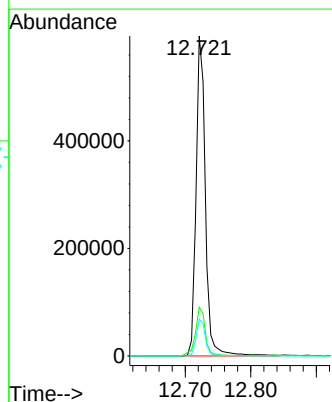
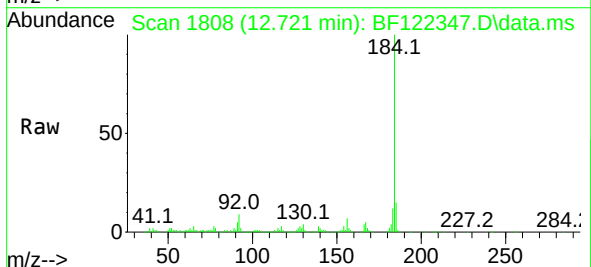
Instrument :  
BNA\_F  
ClientSampleId :  
R-LA-33-4-WCMSD

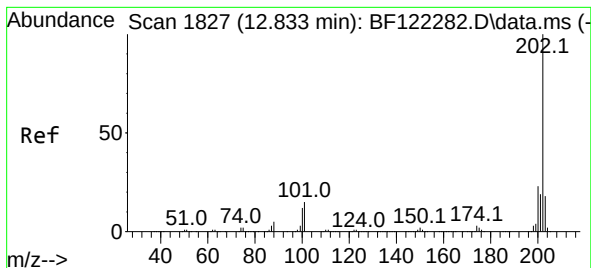
Tgt Ion:240 Resp: 844490  
Ion Ratio Lower Upper  
240 100  
120 11.9 9.2 13.8  
236 25.7 20.9 31.3



#77  
Benzidine  
Concen: 25.18 ng  
RT: 12.721 min Scan# 1808  
Delta R.T. 0.000 min  
Lab File: BF122347.D  
Acq: 17 Nov 2020 15:47

Tgt Ion:184 Resp: 589677  
Ion Ratio Lower Upper  
184 100  
185 15.3 11.6 17.4  
183 11.5 9.4 14.0





#78

Pyrene

Concen: 47.66 ng

RT: 12.839 min Scan# 1828

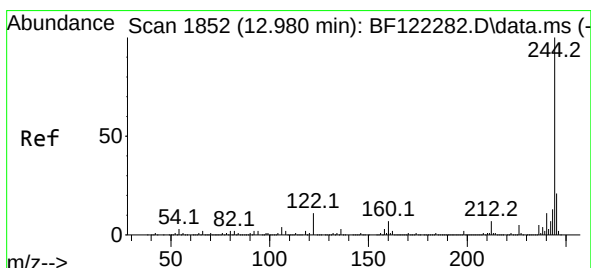
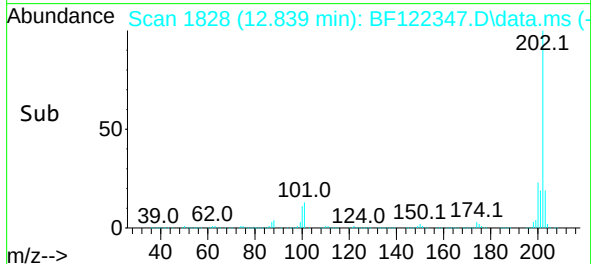
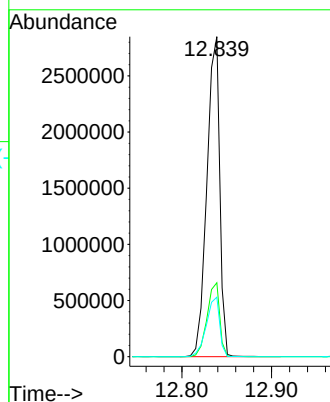
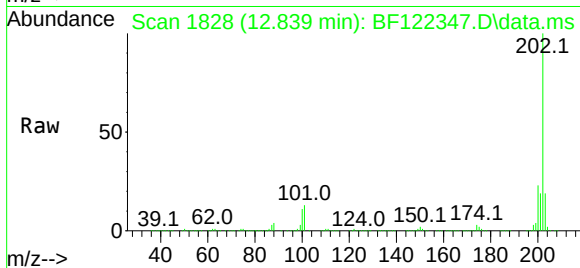
Delta R.T. 0.006 min

Lab File: BF122347.D

Acq: 17 Nov 2020 15:47

Tgt Ion:202 Resp: 2827543

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 23.1  | 17.4  | 26.2  |
| 203 | 18.6  | 14.6  | 21.8  |



#79

Terphenyl-d14

Concen: 78.78 ng

RT: 12.980 min Scan# 1852

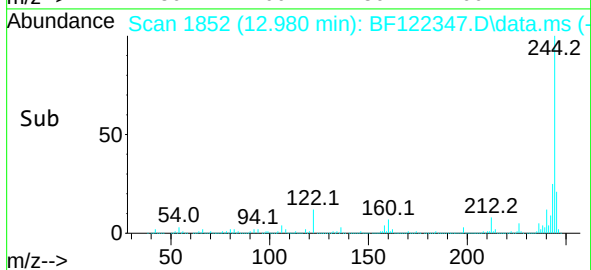
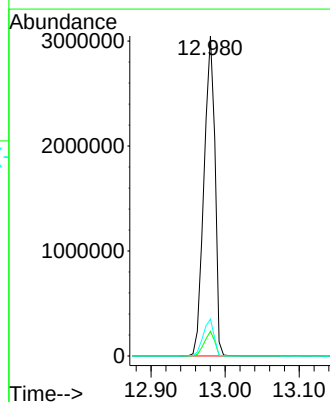
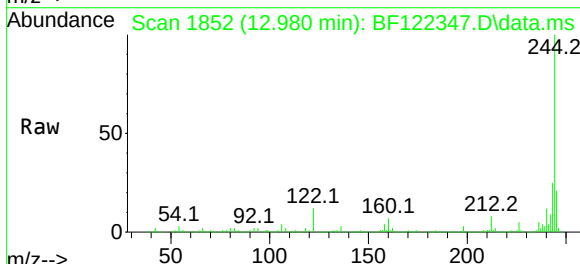
Delta R.T. 0.000 min

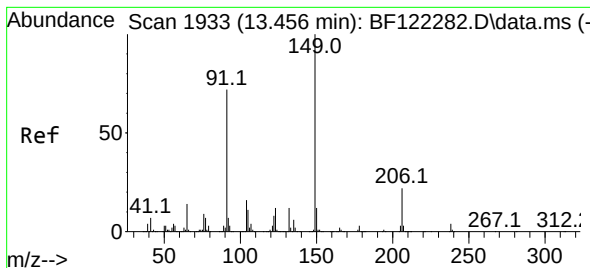
Lab File: BF122347.D

Acq: 17 Nov 2020 15:47

Tgt Ion:244 Resp: 3140191

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 7.7   | 5.4   | 8.2   |
| 122 | 11.5  | 8.1   | 12.1  |

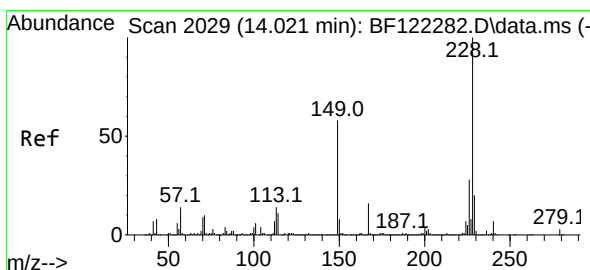
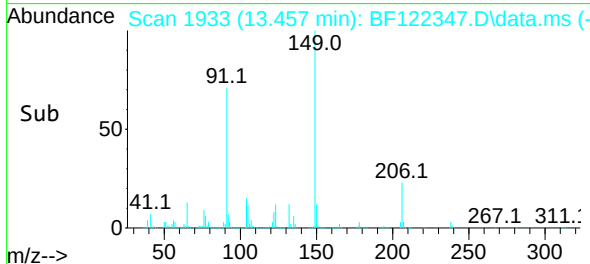
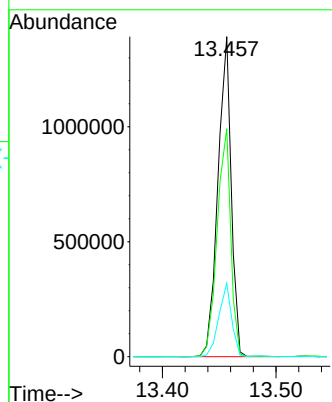
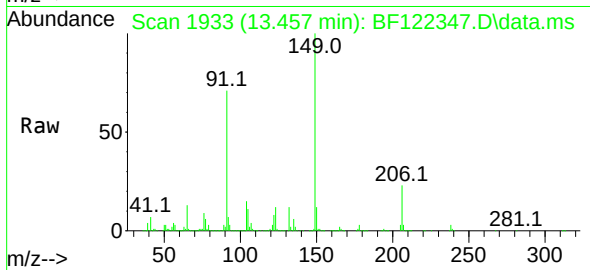




#80  
Butylbenzylphthalate  
Concen: 47.73 ng  
RT: 13.457 min Scan# 1933  
Delta R.T. 0.001 min  
Lab File: BF122347.D  
Acq: 17 Nov 2020 15:47

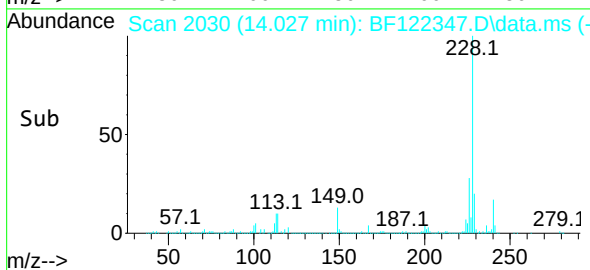
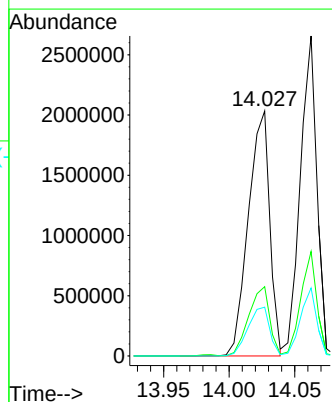
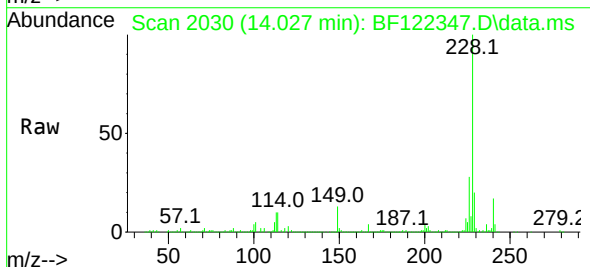
Instrument :  
BNA\_F  
ClientSampleId :  
R-LA-33-4-WCMSD

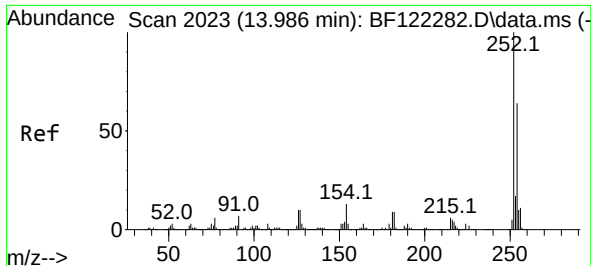
Tgt Ion:149 Resp: 1135040  
Ion Ratio Lower Upper  
149 100  
91 71.3 61.0 91.4  
206 22.9 16.7 25.1



#81  
Benzo(a)anthracene  
Concen: 43.93 ng  
RT: 14.027 min Scan# 2030  
Delta R.T. 0.006 min  
Lab File: BF122347.D  
Acq: 17 Nov 2020 15:47

Tgt Ion:228 Resp: 2307325  
Ion Ratio Lower Upper  
228 100  
226 28.3 22.3 33.5  
229 19.9 16.2 24.4

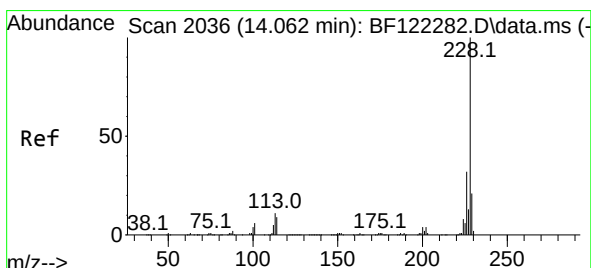
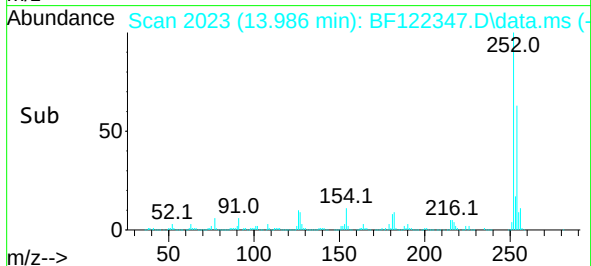
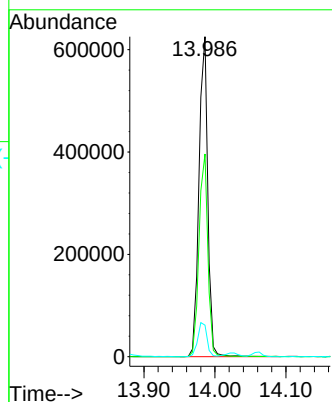
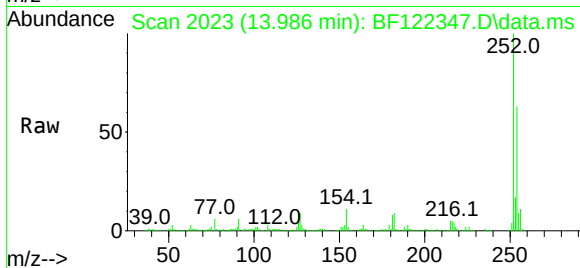




#82  
3,3'-Dichlorobenzidine  
Concen: 27.58 ng  
RT: 13.986 min Scan# 2023  
Delta R.T. 0.000 min  
Lab File: BF122347.D  
Acq: 17 Nov 2020 15:47

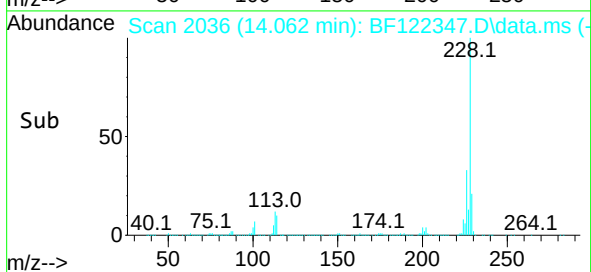
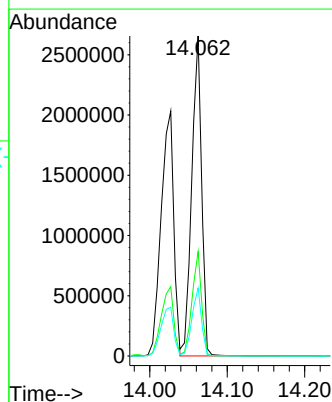
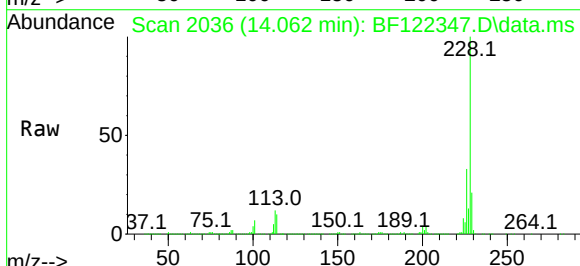
Instrument :  
BNA\_F  
ClientSampleId :  
R-LA-33-4-WCMSD

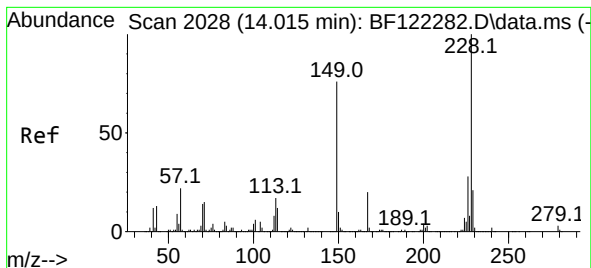
Tgt Ion:252 Resp: 539879  
Ion Ratio Lower Upper  
252 100  
254 63.3 51.8 77.6  
126 9.8 8.8 13.2



#83  
Chrysene  
Concen: 44.34 ng  
RT: 14.062 min Scan# 2036  
Delta R.T. 0.000 min  
Lab File: BF122347.D  
Acq: 17 Nov 2020 15:47

Tgt Ion:228 Resp: 2345363  
Ion Ratio Lower Upper  
228 100  
226 32.6 24.6 37.0  
229 21.2 15.9 23.9

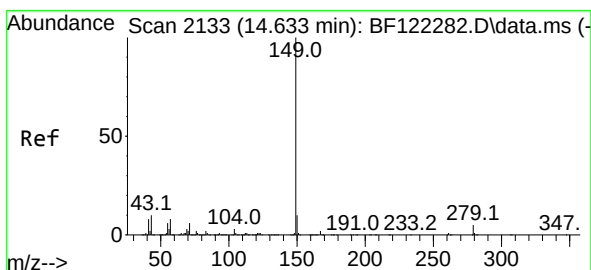
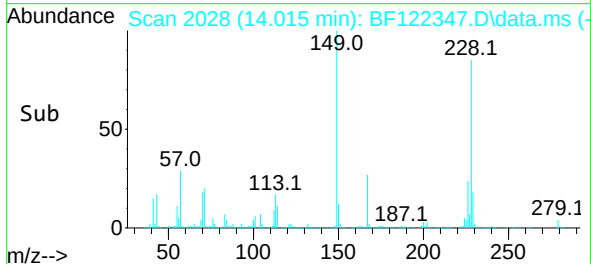
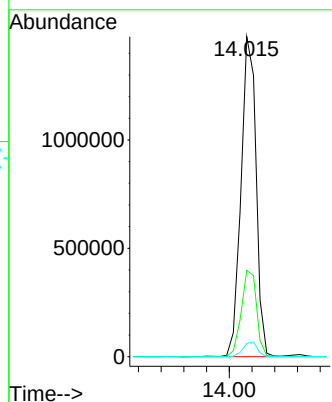
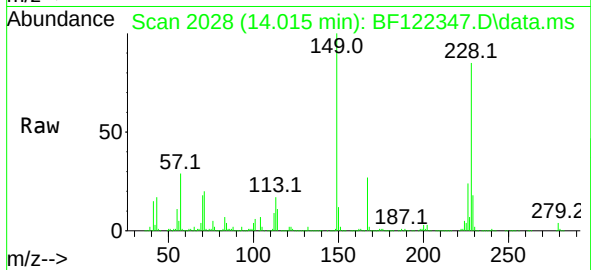




#84  
Bis(2-ethylhexyl)phthalate  
Concen: 47.48 ng  
RT: 14.015 min Scan# 2028  
Delta R.T. 0.000 min  
Lab File: BF122347.D  
Acq: 17 Nov 2020 15:47

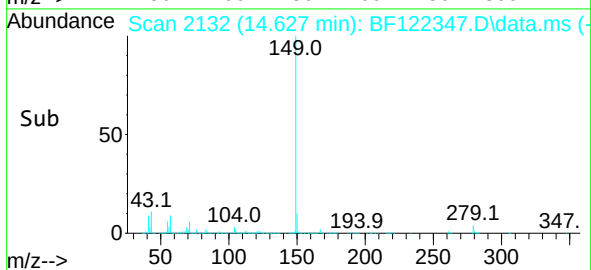
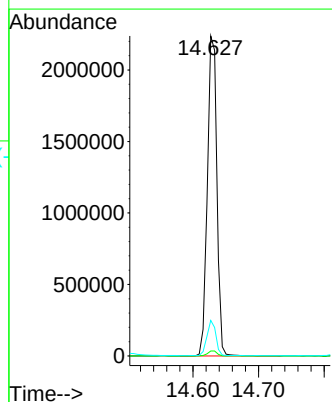
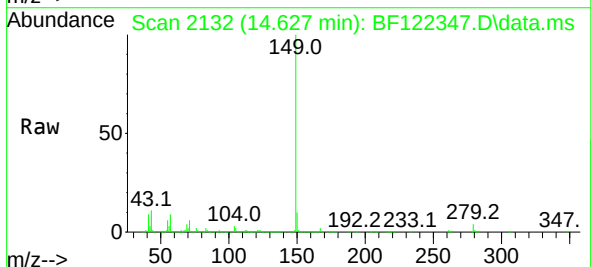
Instrument :  
BNA\_F  
ClientSampleId :  
R-LA-33-4-WCMSD

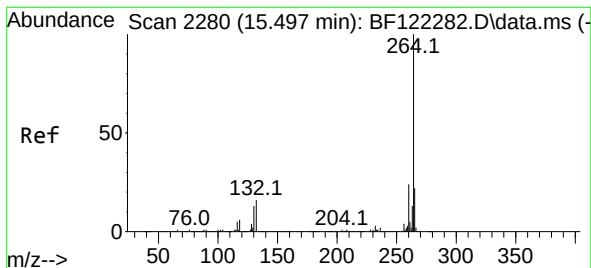
Tgt Ion:149 Resp: 1358323  
Ion Ratio Lower Upper  
149 100  
167 27.0 20.9 31.3  
279 4.1 3.2 4.8



#85  
Di-n-octyl phthalate  
Concen: 46.66 ng  
RT: 14.627 min Scan# 2132  
Delta R.T. -0.006 min  
Lab File: BF122347.D  
Acq: 17 Nov 2020 15:47

Tgt Ion:149 Resp: 2262045  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.2 1.8  
43 10.3 9.0 13.6

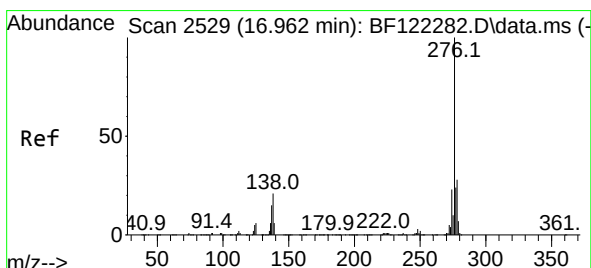
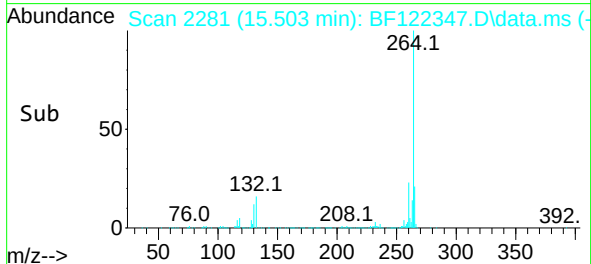
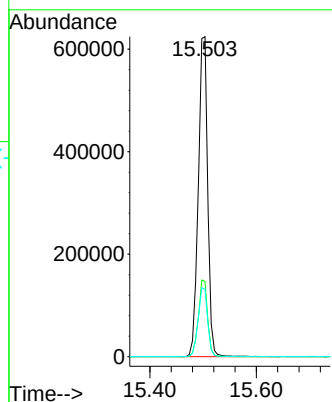
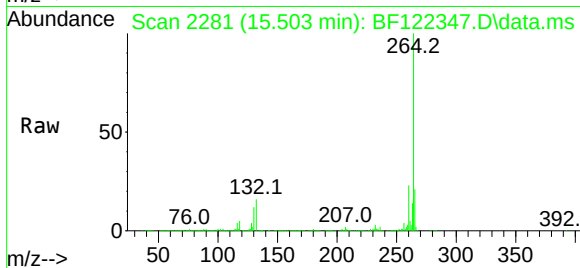




#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.503 min Scan# 2281  
 Delta R.T. 0.006 min  
 Lab File: BF122347.D  
 Acq: 17 Nov 2020 15:47

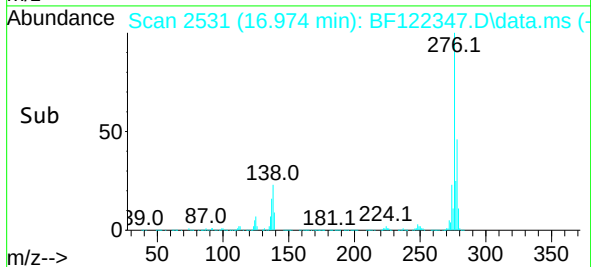
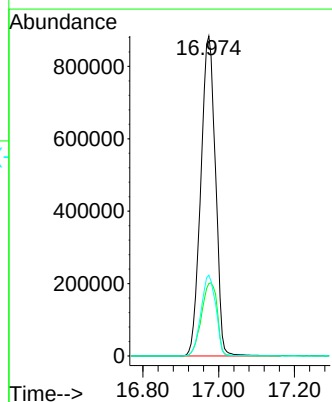
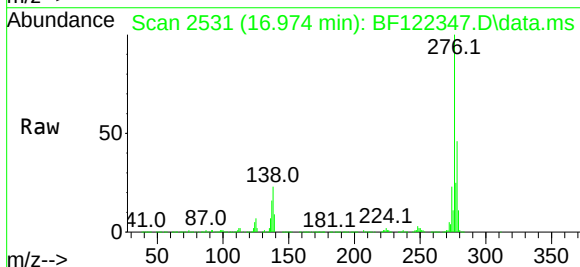
Instrument :  
 BNA\_F  
 ClientSampleId :  
 R-LA-33-4-WCMSD

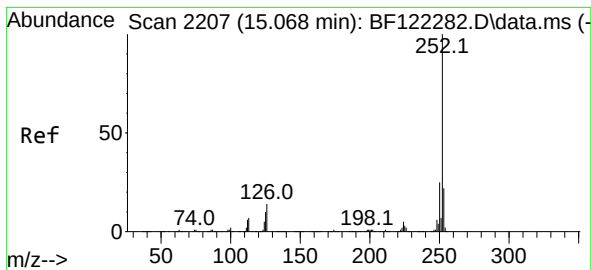
|             |                |
|-------------|----------------|
| Tgt Ion:264 | Resp: 762305   |
| Ion Ratio   | Lower Upper    |
| 264         | 100            |
| 260         | 23.5 18.7 28.1 |
| 265         | 21.1 17.3 25.9 |



#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 51.90 ng  
 RT: 16.974 min Scan# 2531  
 Delta R.T. 0.012 min  
 Lab File: BF122347.D  
 Acq: 17 Nov 2020 15:47

|             |                |
|-------------|----------------|
| Tgt Ion:276 | Resp: 2374204  |
| Ion Ratio   | Lower Upper    |
| 276         | 100            |
| 138         | 24.6 19.9 29.9 |
| 277         | 25.6 20.4 30.6 |





#88

Benzo(b)fluoranthene

Concen: 48.18 ng

RT: 15.074 min Scan# 2208

Delta R.T. 0.006 min

Lab File: BF122347.D

Acq: 17 Nov 2020 15:47

Instrument :

BNA\_F

ClientSampleId :

R-LA-33-4-WCMSD

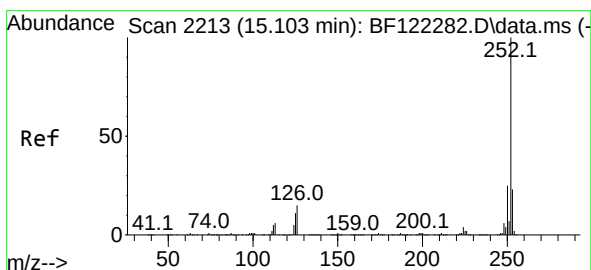
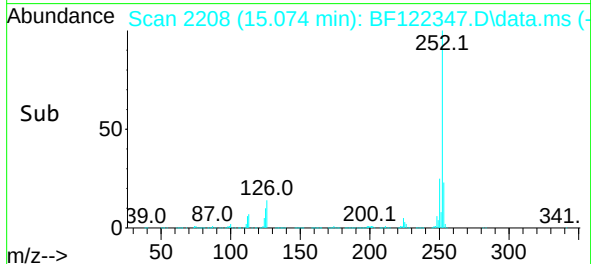
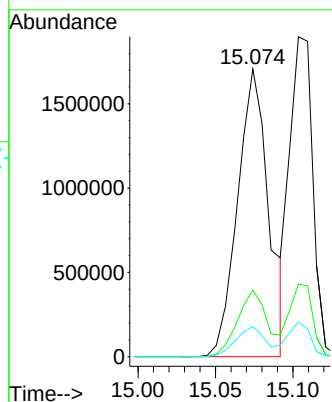
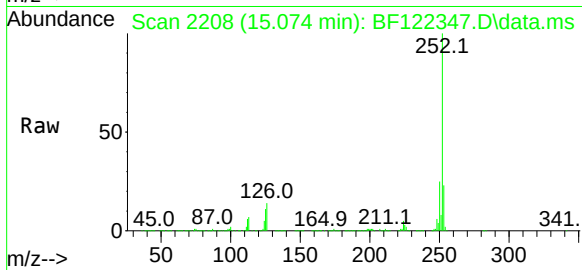
Tgt Ion:252 Resp: 2378675

Ion Ratio Lower Upper

252 100

253 23.1 18.2 27.2

125 10.5 8.0 12.0



#89

Benzo(k)fluoranthene

Concen: 41.20 ng

RT: 15.104 min Scan# 2213

Delta R.T. 0.000 min

Lab File: BF122347.D

Acq: 17 Nov 2020 15:47

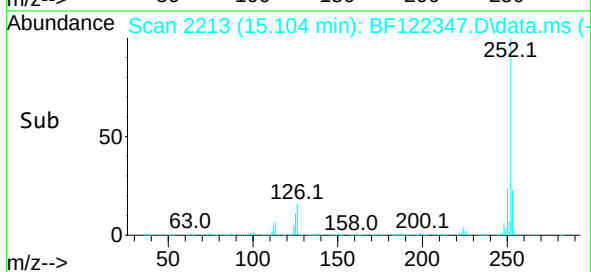
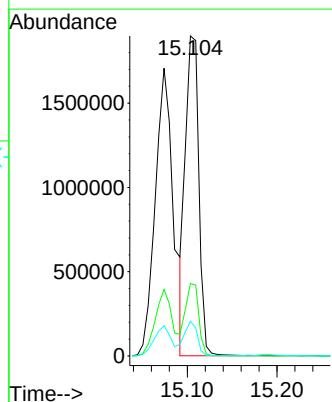
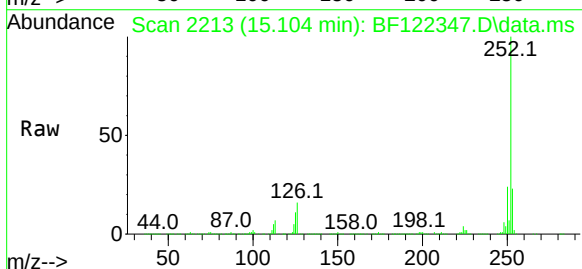
Tgt Ion:252 Resp: 1983556

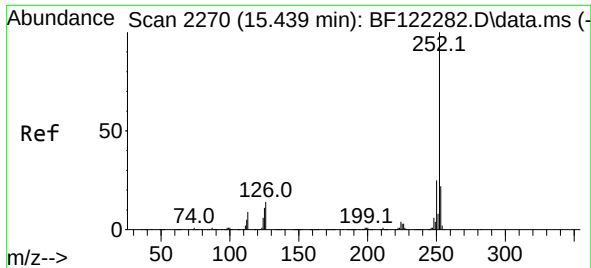
Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.6

125 10.8 7.7 11.5

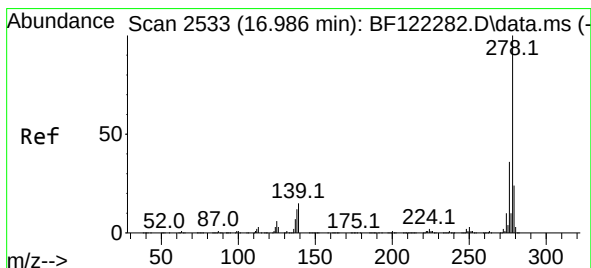
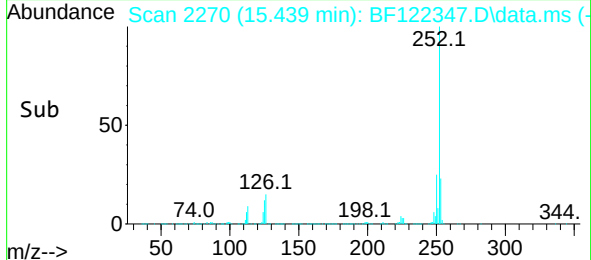
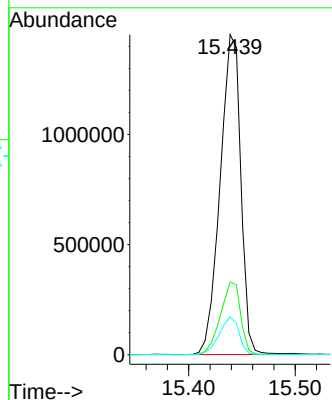
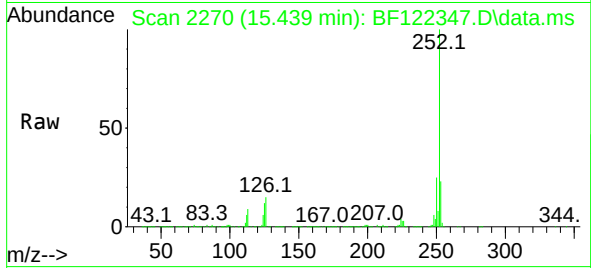




#90  
Benzo(a)pyrene  
Concen: 45.44 ng  
RT: 15.439 min Scan# 2270  
Delta R.T. 0.000 min  
Lab File: BF122347.D  
Acq: 17 Nov 2020 15:47

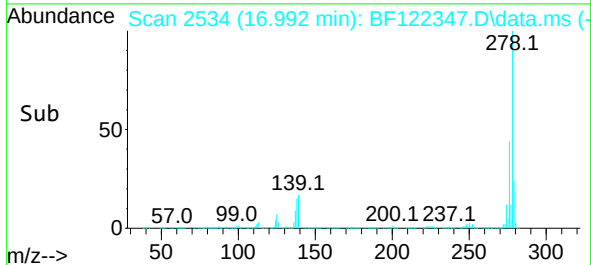
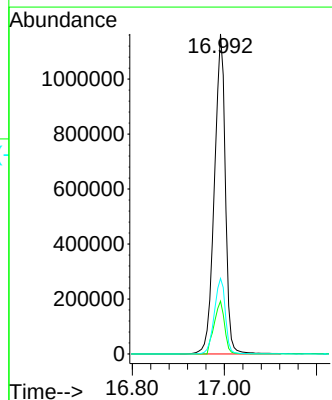
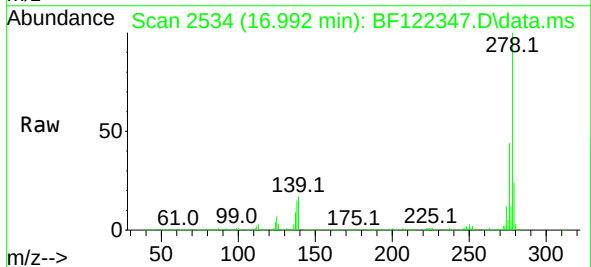
Instrument :  
BNA\_F  
ClientSampleId :  
R-LA-33-4-WCMSD

Tgt Ion:252 Resp: 1955780  
Ion Ratio Lower Upper  
252 100  
253 22.7 17.3 25.9  
125 11.8 8.6 13.0

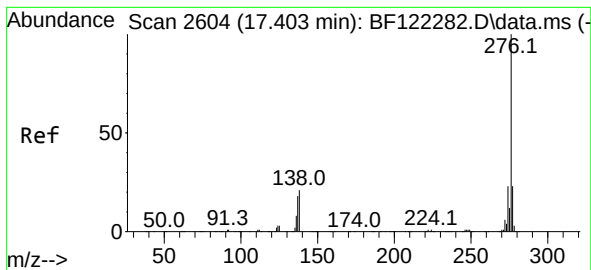


#91  
Dibenzo(a,h)anthracene  
Concen: 50.17 ng  
RT: 16.992 min Scan# 2534  
Delta R.T. 0.006 min  
Lab File: BF122347.D  
Acq: 17 Nov 2020 15:47

Tgt Ion:278 Resp: 1922176  
Ion Ratio Lower Upper  
278 100  
139 16.5 13.0 19.4  
279 23.6 19.0 28.4







#92

Benzo(g,h,i)perylene

Concen: 54.45 ng

RT: 17.421 min Scan# 2607

Delta R.T. 0.018 min

Lab File: BF122347.D

Acq: 17 Nov 2020 15:47

Tgt Ion: 276 Resp: 2028599

Ion Ratio Lower Upper

276 100

277 24.2 19.4 29.2

138 20.8 17.8 26.6

