

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF031122\  
 Data File : BF127305.D  
 Acq On : 11 Mar 2022 17:48  
 Operator : CG\JU  
 Sample : N1645-08  
 Misc : LOQ-WATER-5 PPM  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LOQ-WATER-02-QT1-2022

Quant Time: Mar 12 03:25:15 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF031022.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Mar 12 03:23:46 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.869  | 152  | 130413   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.151  | 136  | 462073   | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.910  | 164  | 273296   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.398 | 188  | 482996   | 20.000 | ng    | # 0.00   |
| 76) Chrysene-d12              | 14.045 | 240  | 377162   | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12              | 15.533 | 264  | 286984   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.492  | 112  | 744237   | 91.740 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.504  | 99   | 1039573  | 93.152 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.439  | 82   | 741393   | 66.263 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.704 | 330  | 275372   | 93.600 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.228  | 172  | 1230368  | 63.648 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.992 | 244  | 1341529  | 61.248 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.687  | 88   | 16982    | 4.037  | ng    | # 85     |
| 3) Pyridine                   | 3.516  | 79   | 39844    | 3.560  | ng    | # 82     |
| 4) n-Nitrosodimethylamine     | 3.404  | 42   | 26619    | 4.292  | ng    | # 63     |
| 6) Aniline                    | 6.534  | 93   | 74717    | 5.602  | ng    | 95       |
| 8) 2-Chlorophenol             | 6.657  | 128  | 41219    | 4.911  | ng    | 96       |
| 9) Benzaldehyde               | 6.428  | 77   | 40736    | 6.262  | ng    | 99       |
| 10) Phenol                    | 6.516  | 94   | 59836    | 4.881  | ng    | 91       |
| 11) bis(2-Chloroethyl)ether   | 6.604  | 93   | 47026    | 5.165  | ng    | 90       |
| 12) 1,3-Dichlorobenzene       | 6.810  | 146  | 46581    | 4.945  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.887  | 146  | 48802    | 5.164  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 7.039  | 146  | 44198    | 4.969  | ng    | 97       |
| 15) Benzyl Alcohol            | 7.010  | 79   | 41589    | 4.972  | ng    | 90       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.139  | 45   | 84961    | 4.973  | ng    | 100      |
| 17) 2-Methylphenol            | 7.116  | 107  | 35303    | 4.948  | ng    | # 89     |
| 18) Hexachloroethane          | 7.375  | 117  | 17823    | 4.909  | ng    | # 82     |
| 19) n-Nitroso-di-n-propyla... | 7.275  | 70   | 35897    | 5.155  | ng    | # 89     |
| 20) 3+4-Methylphenols         | 7.275  | 107  | 45558    | 4.924  | ng    | # 53     |
| 22) Acetophenone              | 7.275  | 105  | 64768    | 5.119  | ng    | # 93     |
| 24) Nitrobenzene              | 7.451  | 77   | 55347    | 5.230  | ng    | 92       |
| 25) Isophorone                | 7.681  | 82   | 94886    | 5.274  | ng    | 97       |
| 26) 2-Nitrophenol             | 7.769  | 139  | 20627    | 4.707  | ng    | # 84     |
| 27) 2,4-Dimethylphenol        | 7.798  | 122  | 37203    | 5.655  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 7.892  | 93   | 58710    | 5.150  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.010  | 162  | 36889    | 4.896  | ng    | 96       |
| 30) 1,2,4-Trichlorobenzene    | 8.086  | 180  | 42935    | 4.999  | ng    | 98       |
| 31) Naphthalene               | 8.175  | 128  | 129287   | 5.245  | ng    | 98       |
| 32) Benzoic acid              | 7.898  | 122  | 4370     | 1.070  | ng    | 92       |
| 33) 4-Chloroaniline           | 8.222  | 127  | 51564    | 5.397  | ng    | 93       |
| 34) Hexachlorobutadiene       | 8.281  | 225  | 26413    | 4.611  | ng    | 97       |
| 35) Caprolactam               | 8.563  | 113  | 10917    | 4.850  | ng    | 96       |
| 36) 4-Chloro-3-methylphenol   | 8.704  | 107  | 38751    | 4.745  | ng    | 100      |
| 37) 2-Methylnaphthalene       | 8.863  | 142  | 87493    | 5.432  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 8.963  | 142  | 84583    | 5.463  | ng    | 95       |
| 40) 1,2,4,5-Tetrachloroben... | 9.028  | 216  | 45476    | 5.256  | ng    | # 94     |
| 41) Hexachlorocyclopentadiene | 9.010  | 237  | 8337     | 2.742  | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.145  | 196  | 23544    | 4.312  | ng    | 96       |

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 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.145  | 196  | 23544    | 4.063 | ng    | 91       |
| 46) 1,1'-Biphenyl             | 9.328  | 154  | 110547   | 5.359 | ng    | 97       |
| 47) 2-Chloronaphthalene       | 9.351  | 162  | 83270    | 5.186 | ng    | 97       |
| 48) 2-Nitroaniline            | 9.451  | 65   | 28714    | 4.648 | ng    | # 82     |
| 49) Acenaphthylene            | 9.769  | 152  | 136097   | 5.539 | ng    | 97       |
| 50) Dimethylphthalate         | 9.622  | 163  | 94644    | 4.833 | ng    | # 99     |
| 51) 2,6-Dinitrotoluene        | 9.692  | 165  | 19437    | 4.907 | ng    | 94       |
| 52) Acenaphthene              | 9.939  | 154  | 75129    | 5.129 | ng    | 98       |
| 53) 3-Nitroaniline            | 9.863  | 138  | 20011    | 4.636 | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 9.980  | 184  | 3653     | 1.871 | ng    | 98       |
| 55) Dibenzofuran              | 10.116 | 168  | 115396   | 5.071 | ng    | 96       |
| 56) 4-Nitrophenol             | 10.039 | 139  | 9162     | 3.492 | ng    | 90       |
| 57) 2,4-Dinitrotoluene        | 10.098 | 165  | 25272    | 4.849 | ng    | # 90     |
| 58) Fluorene                  | 10.457 | 166  | 92074    | 5.218 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.233 | 232  | 20384    | 4.233 | ng    | # 78     |
| 60) Diethylphthalate          | 10.322 | 149  | 88788    | 4.970 | ng    | 96       |
| 61) 4-Chlorophenyl-phenyle... | 10.445 | 204  | 47542    | 4.972 | ng    | 88       |
| 62) 4-Nitroaniline            | 10.475 | 138  | 19589    | 4.554 | ng    | 87       |
| 63) Azobenzene                | 10.610 | 77   | 100386   | 4.889 | ng    | 92       |
| 65) 4,6-Dinitro-2-methylph... | 10.510 | 198  | 9374     | 3.148 | ng    | 88       |
| 66) n-Nitrosodiphenylamine    | 10.569 | 169  | 77467    | 5.164 | ng    | 97       |
| 67) 4-Bromophenyl-phenylether | 10.939 | 248  | 28281    | 4.857 | ng    | # 91     |
| 68) Hexachlorobenzene         | 11.004 | 284  | 30623    | 4.826 | ng    | # 87     |
| 69) Atrazine                  | 11.086 | 200  | 27028    | 5.222 | ng    | 93       |
| 70) Pentachlorophenol         | 11.210 | 266  | 6343     | 2.476 | ng    | 91       |
| 71) Phenanthrene              | 11.422 | 178  | 130340   | 5.112 | ng    | 99       |
| 72) Anthracene                | 11.474 | 178  | 134486   | 5.326 | ng    | 97       |
| 73) Carbazole                 | 11.633 | 167  | 116498   | 4.899 | ng    | 95       |
| 74) Di-n-butylphthalate       | 11.951 | 149  | 135327   | 4.866 | ng    | 99       |
| 75) Fluoranthene              | 12.616 | 202  | 142750   | 5.007 | ng    | 93       |
| 77) Benzidine                 | 12.739 | 184  | 66382    | 6.921 | ng    | 98       |
| 78) Pyrene                    | 12.845 | 202  | 147521   | 5.022 | ng    | 98       |
| 80) Butylbenzylphthalate      | 13.457 | 149  | 50513    | 4.468 | ng    | # 93     |
| 81) Benzo(a)anthracene        | 14.033 | 228  | 125069   | 4.925 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.998 | 252  | 40259    | 5.099 | ng    | # 96     |
| 83) Chrysene                  | 14.068 | 228  | 113775   | 4.817 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.010 | 149  | 71123    | 4.673 | ng    | # 94     |
| 85) Di-n-octyl phthalate      | 14.621 | 149  | 105879   | 4.596 | ng    | # 95     |
| 87) Indeno(1,2,3-cd)pyrene    | 17.033 | 276  | 72109    | 4.171 | ng    | # 87     |
| 88) Benzo(b)fluoranthene      | 15.092 | 252  | 92083    | 4.888 | ng    | # 93     |
| 89) Benzo(k)fluoranthene      | 15.121 | 252  | 95479    | 5.391 | ng    | # 92     |
| 90) Benzo(a)pyrene            | 15.468 | 252  | 82465    | 5.559 | ng    | # 92     |
| 91) Dibenzo(a,h)anthracene    | 17.045 | 278  | 61233    | 4.256 | ng    | # 92     |
| 92) Benzo(g,h,i)perylene      | 17.486 | 276  | 59838    | 4.263 | ng    | # 85     |

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

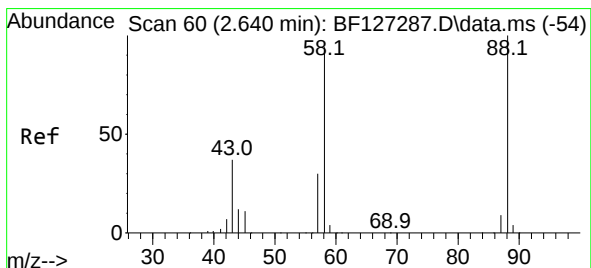
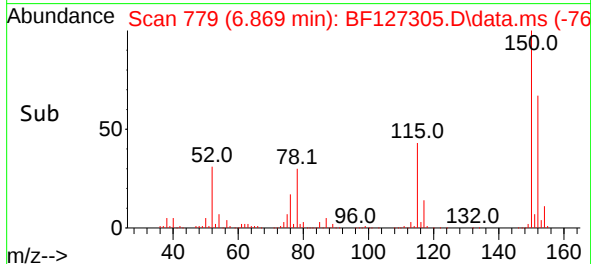
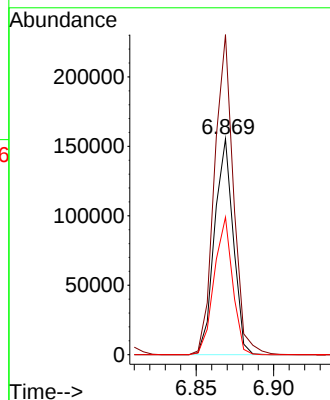
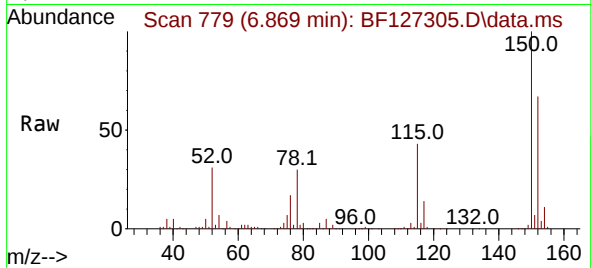




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.869 min Scan# 779  
 Delta R.T. -0.000 min  
 Lab File: BF127305.D  
 Acq: 11 Mar 2022 17:48

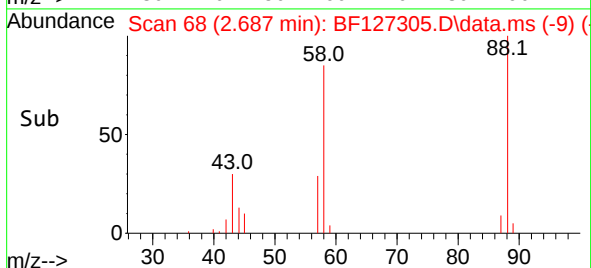
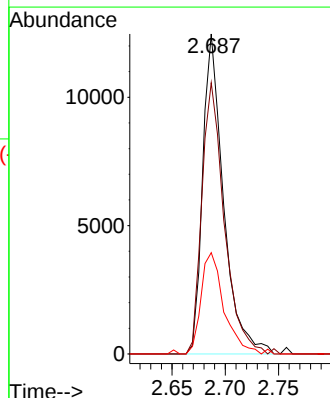
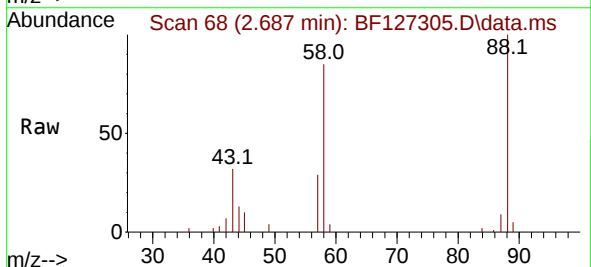
Instrument :  
 BNA\_F  
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 LOQ-WATER-02-QT1-2022

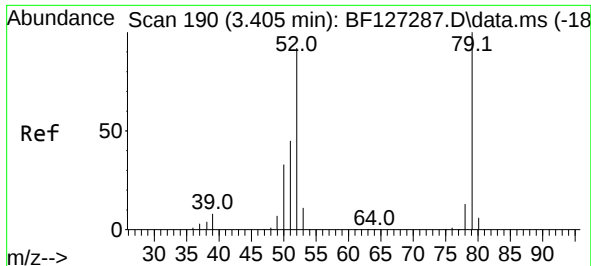
Tgt Ion:152 Resp: 130413  
 Ion Ratio Lower Upper  
 152 100  
 150 148.3 128.1 192.1  
 115 63.7 56.7 85.1



#2  
 1,4-Dioxane  
 Concen: 4.037 ng  
 RT: 2.687 min Scan# 68  
 Delta R.T. 0.047 min  
 Lab File: BF127305.D  
 Acq: 11 Mar 2022 17:48

Tgt Ion: 88 Resp: 16982  
 Ion Ratio Lower Upper  
 88 100  
 58 91.4 62.8 94.2  
 43 35.1 22.3 33.5#





#3

Pyridine

Concen: 3.560 ng

RT: 3.516 min Scan# 20

Delta R.T. 0.112 min

Lab File: BF127305.D

Acq: 11 Mar 2022 17:48

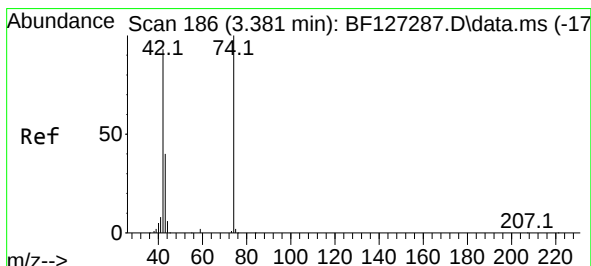
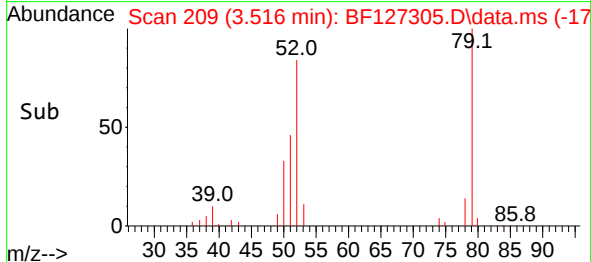
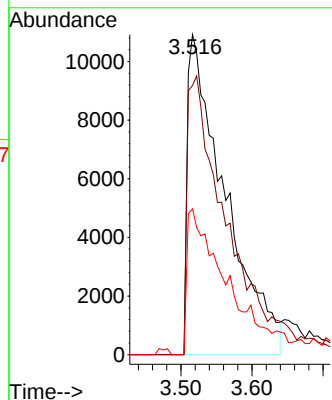
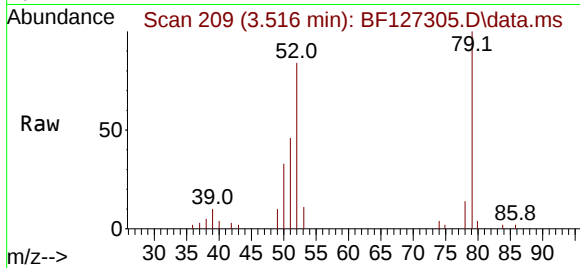
Instrument :

BNA\_F

ClientSampleId :

LOQ-WATER-02-QT1-2022

|             |                 |
|-------------|-----------------|
| Tgt Ion: 79 | Resp: 39844     |
| Ion Ratio   | Lower Upper     |
| 79          | 100             |
| 52          | 84.1 56.2 84.4  |
| 51          | 45.6 26.7 40.1# |



#4

n-Nitrosodimethylamine

Concen: 4.292 ng

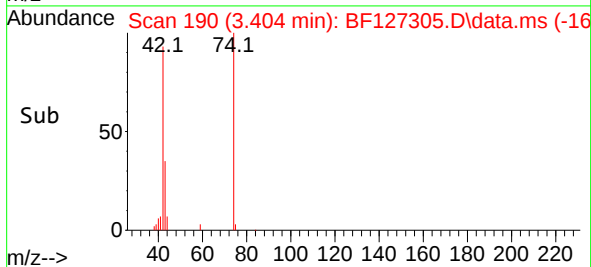
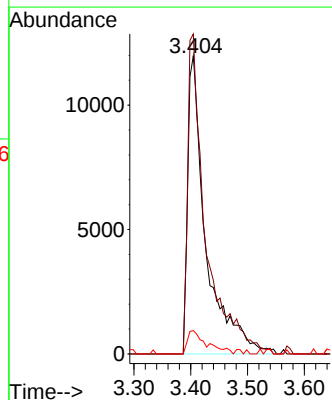
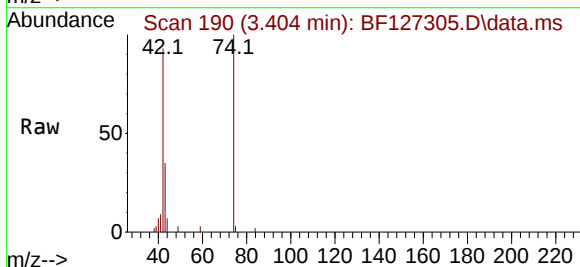
RT: 3.404 min Scan# 190

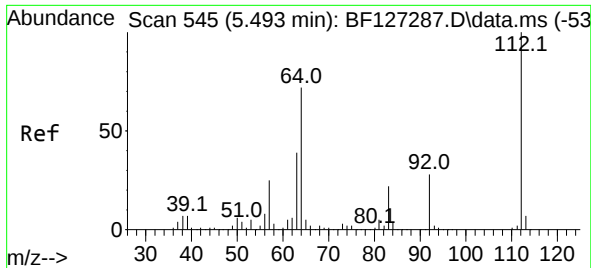
Delta R.T. 0.023 min

Lab File: BF127305.D

Acq: 11 Mar 2022 17:48

|             |                    |
|-------------|--------------------|
| Tgt Ion: 42 | Resp: 26619        |
| Ion Ratio   | Lower Upper        |
| 42          | 100                |
| 74          | 107.3 125.6 188.4# |
| 44          | 7.9 5.7 8.5        |

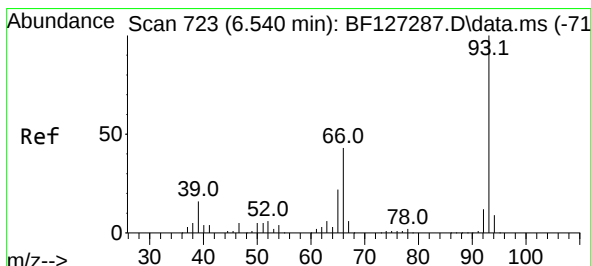
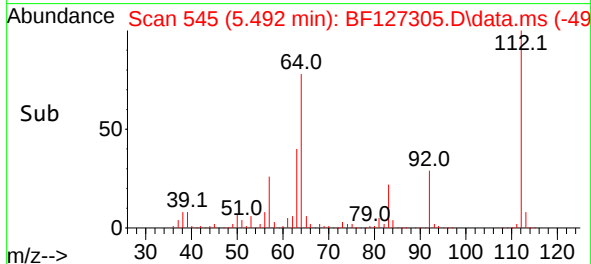
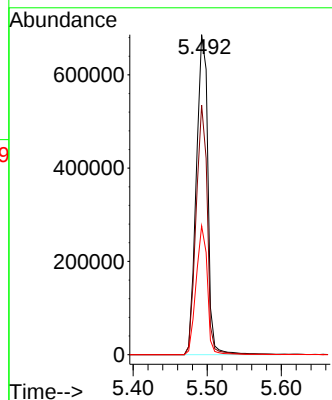
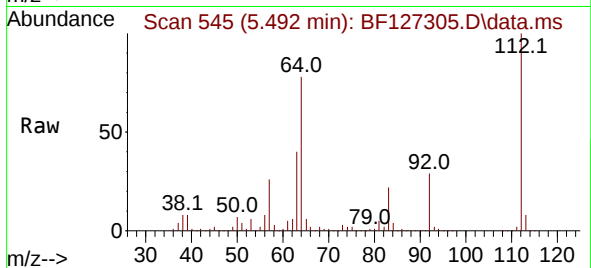




#5  
2-Fluorophenol  
Concen: 91.740 ng  
RT: 5.492 min Scan# 54  
Delta R.T. -0.000 min  
Lab File: BF127305.D  
Acq: 11 Mar 2022 17:48

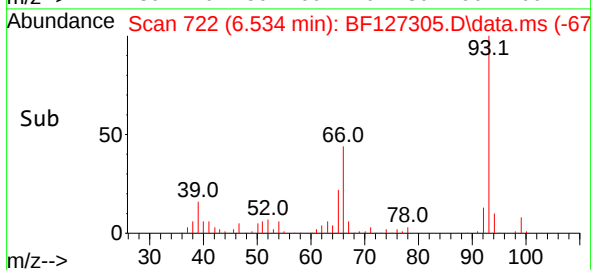
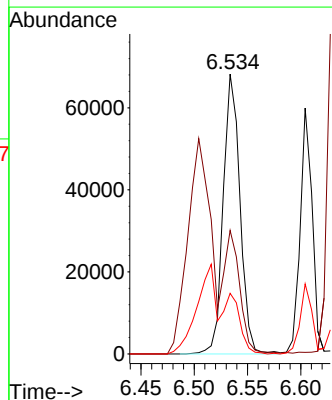
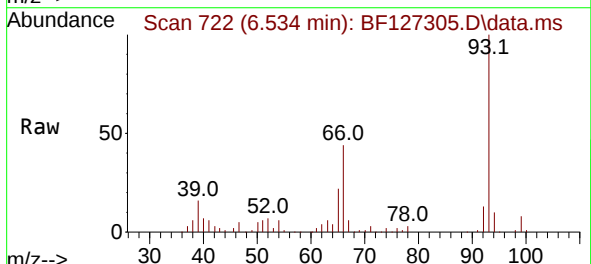
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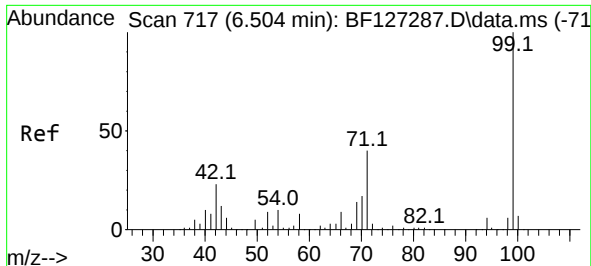
Tgt Ion:112 Resp: 744237  
Ion Ratio Lower Upper  
112 100  
64 78.0 49.5 74.3#  
63 40.2 23.9 35.9#



#6  
Aniline  
Concen: 5.602 ng  
RT: 6.534 min Scan# 722  
Delta R.T. -0.006 min  
Lab File: BF127305.D  
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Tgt Ion: 93 Resp: 74717  
Ion Ratio Lower Upper  
93 100  
66 44.2 32.2 48.4  
65 21.6 16.3 24.5





#7

Phenol-d6

Concen: 93.152 ng

RT: 6.504 min Scan# 717

Delta R.T. -0.000 min

Lab File: BF127305.D

Acq: 11 Mar 2022 17:48

Instrument :

BNA\_F

ClientSampleId :

LOQ-WATER-02-QT1-2022

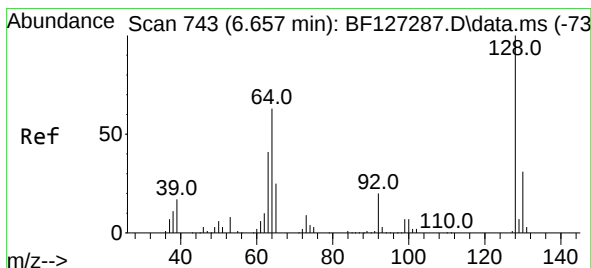
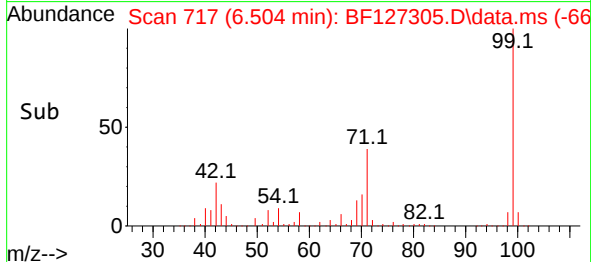
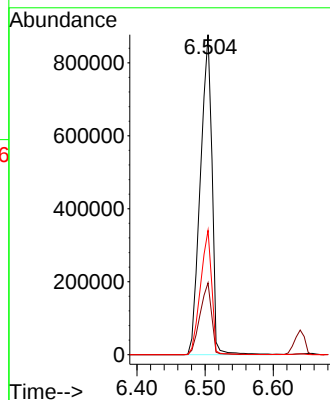
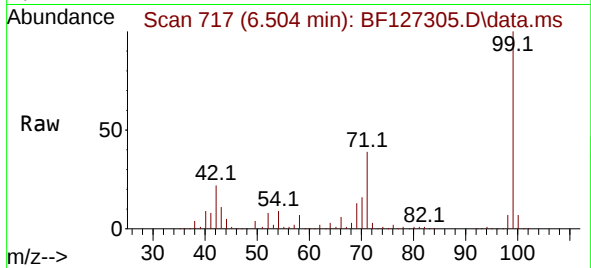
Tgt Ion: 99 Resp: 1039573

Ion Ratio Lower Upper

99 100

42 22.4 14.2 21.4#

71 38.9 24.3 36.5#



#8

2-Chlorophenol

Concen: 4.911 ng

RT: 6.657 min Scan# 743

Delta R.T. -0.000 min

Lab File: BF127305.D

Acq: 11 Mar 2022 17:48

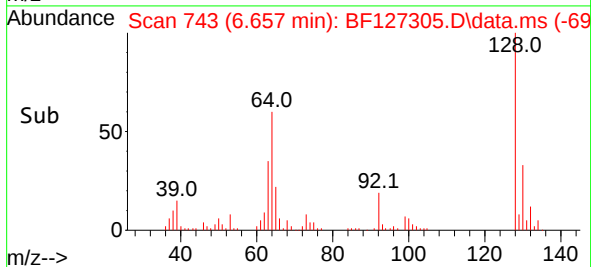
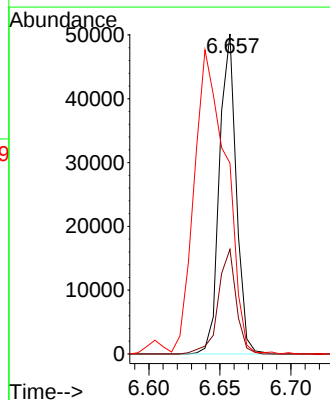
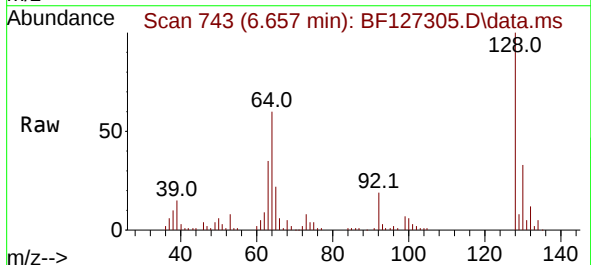
Tgt Ion: 128 Resp: 41219

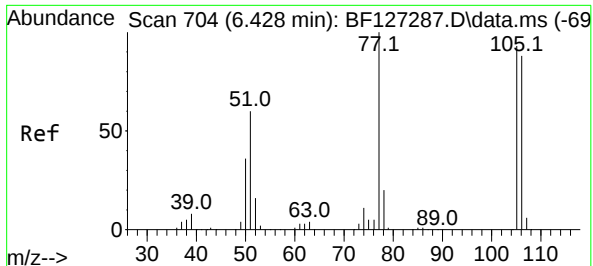
Ion Ratio Lower Upper

128 100

130 32.7 12.7 52.7

64 59.6 35.6 75.6





#9

Benzaldehyde

Concen: 6.262 ng

RT: 6.428 min Scan# 704

Delta R.T. -0.000 min

Lab File: BF127305.D

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Instrument :

BNA\_F

ClientSampleId :

LOQ-WATER-02-QT1-2022

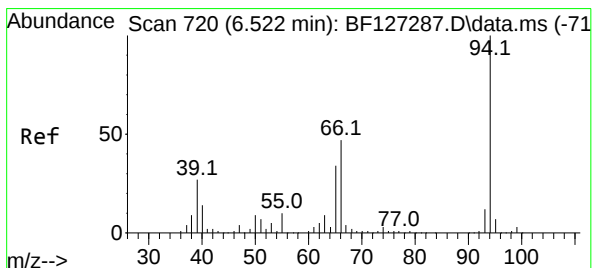
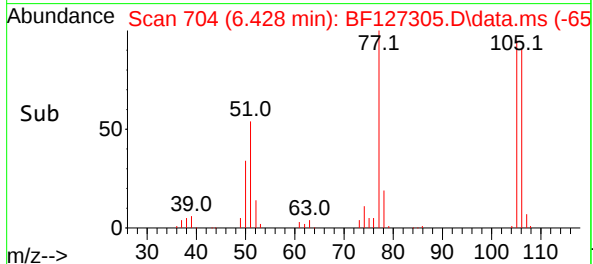
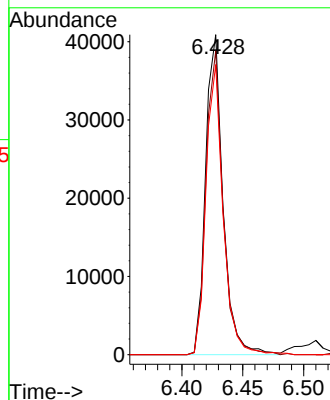
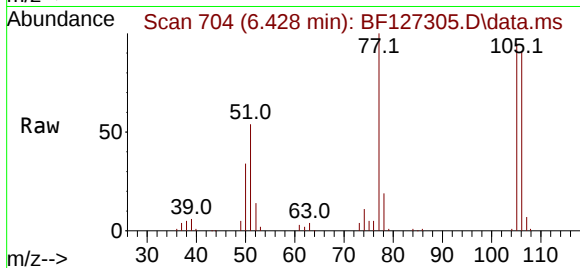
Tgt Ion: 77 Resp: 40736

Ion Ratio Lower Upper

77 100

105 95.0 74.9 114.9

106 90.7 72.4 112.4



#10

Phenol

Concen: 4.881 ng

RT: 6.516 min Scan# 719

Delta R.T. -0.006 min

Lab File: BF127305.D

Acq: 11 Mar 2022 17:48

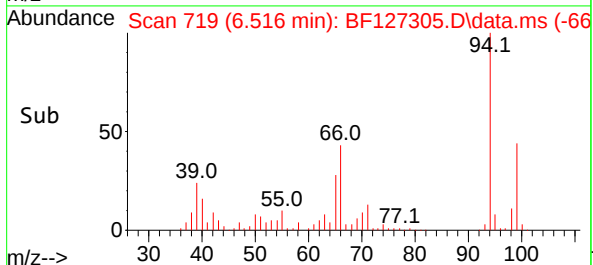
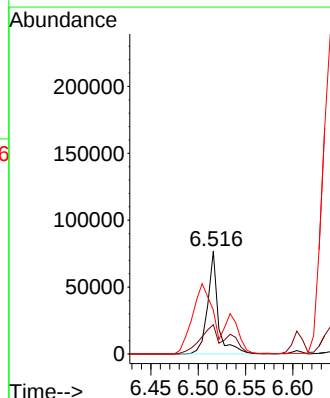
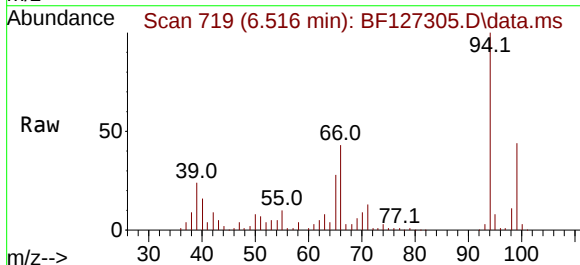
Tgt Ion: 94 Resp: 59836

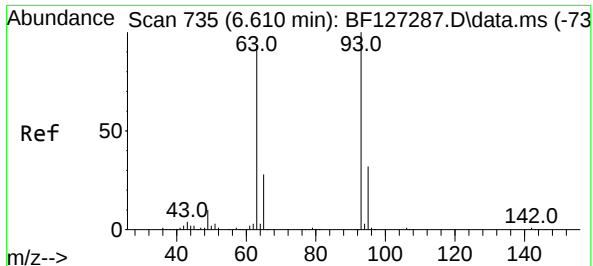
Ion Ratio Lower Upper

94 100

65 28.5 7.2 47.2

66 42.7 14.5 54.5

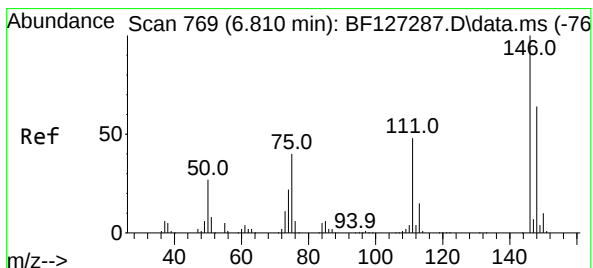
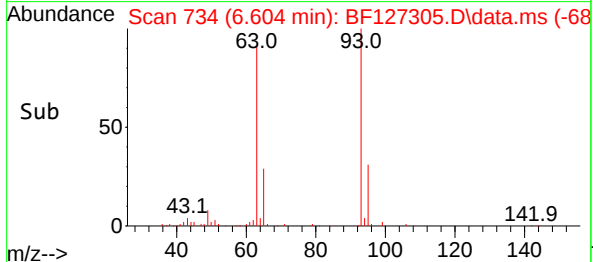
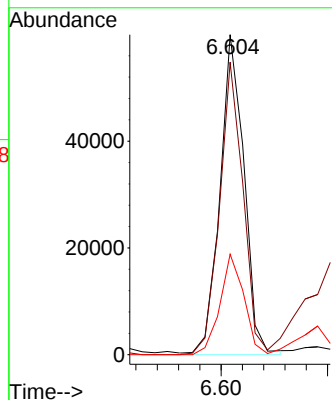
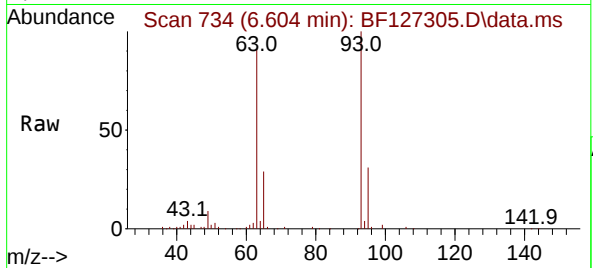




#11  
bis(2-Chloroethyl)ether  
Concen: 5.165 ng  
RT: 6.604 min Scan# 711  
Delta R.T. -0.006 min  
Lab File: BF127305.D  
Acq: 11 Mar 2022 17:48

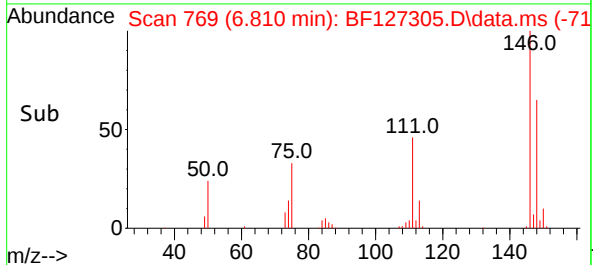
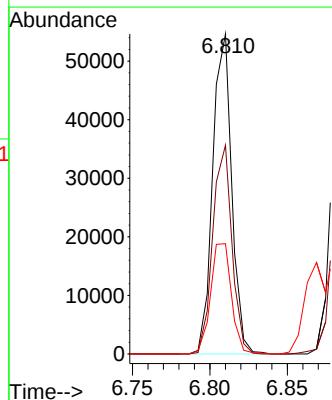
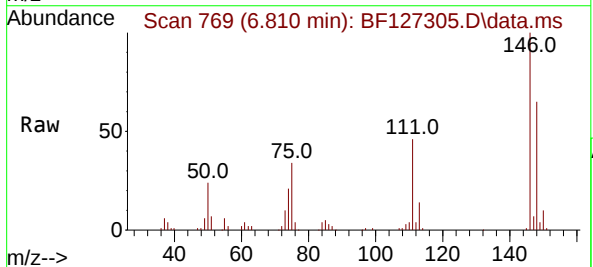
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT1-2022

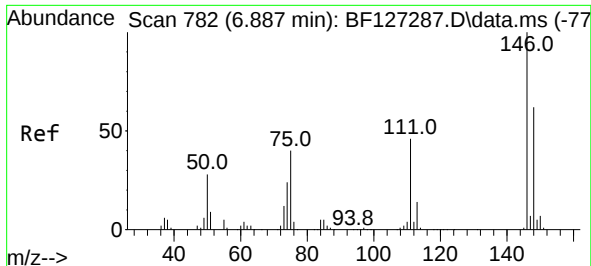
Tgt Ion: 93 Resp: 47026  
Ion Ratio Lower Upper  
93 100  
63 91.4 60.5 100.5  
95 31.4 12.9 52.9



#12  
1,3-Dichlorobenzene  
Concen: 4.945 ng  
RT: 6.810 min Scan# 769  
Delta R.T. -0.000 min  
Lab File: BF127305.D  
Acq: 11 Mar 2022 17:48

Tgt Ion: 146 Resp: 46581  
Ion Ratio Lower Upper  
146 100  
148 65.2 50.9 76.3  
75 34.5 28.4 42.6

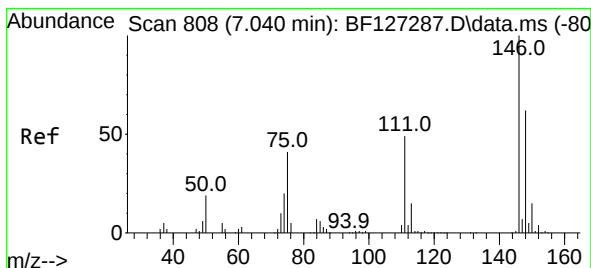
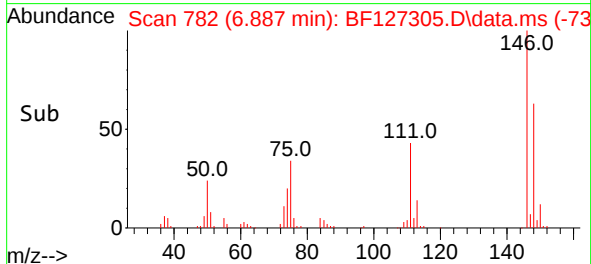
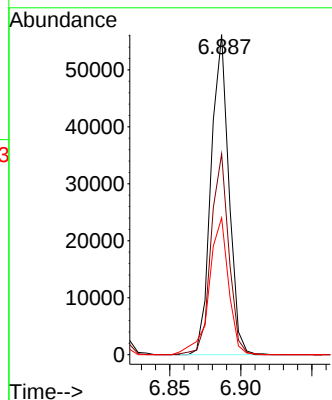
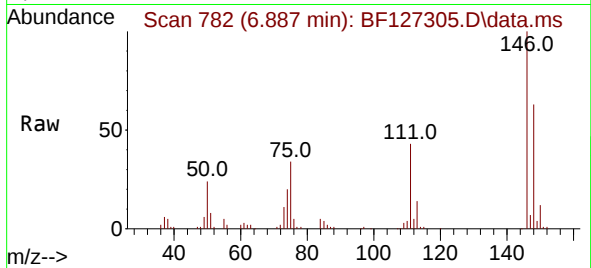




#13  
1,4-Dichlorobenzene  
Concen: 5.164 ng  
RT: 6.887 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BF127305.D  
Acq: 11 Mar 2022 17:48

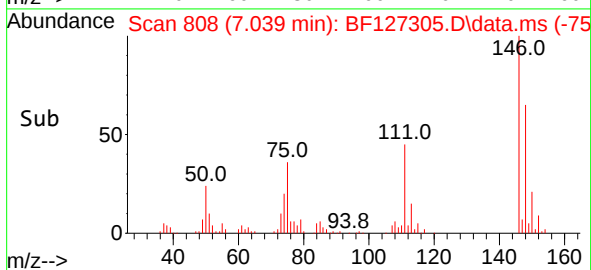
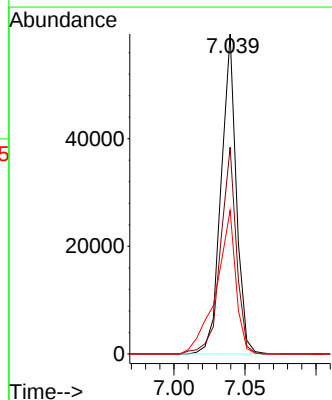
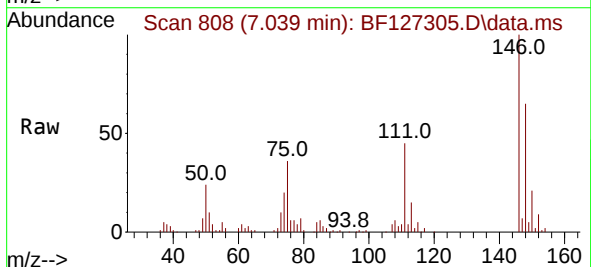
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT1-2022

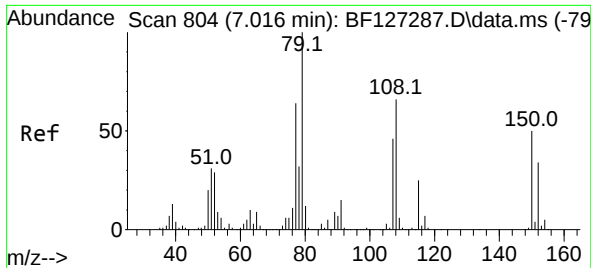
Tgt Ion:146 Resp: 48802  
Ion Ratio Lower Upper  
146 100  
148 62.7 49.8 74.6  
111 42.8 36.1 54.1



#14  
1,2-Dichlorobenzene  
Concen: 4.969 ng  
RT: 7.039 min Scan# 808  
Delta R.T. -0.000 min  
Lab File: BF127305.D  
Acq: 11 Mar 2022 17:48

Tgt Ion:146 Resp: 44198  
Ion Ratio Lower Upper  
146 100  
148 64.6 51.6 77.4  
111 44.9 40.2 60.2

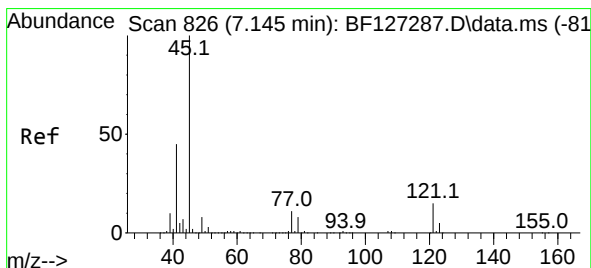
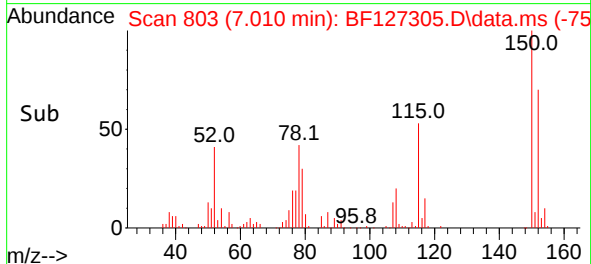
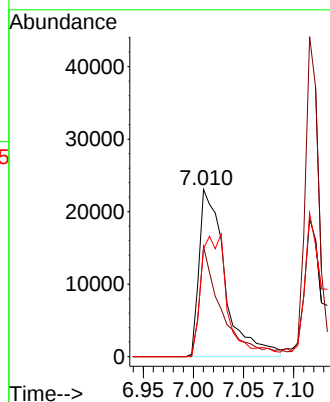
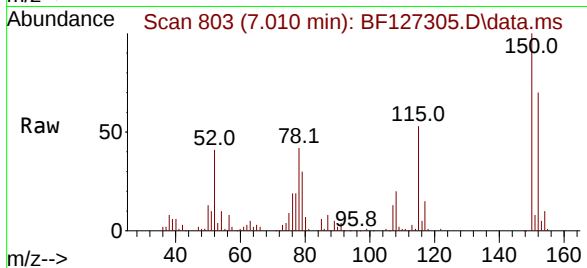




#15  
Benzyl Alcohol  
Concen: 4.972 ng  
RT: 7.010 min Scan# 804  
Delta R.T. -0.006 min  
Lab File: BF127305.D  
Acq: 11 Mar 2022 17:48

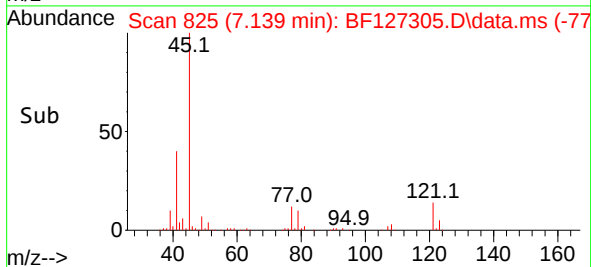
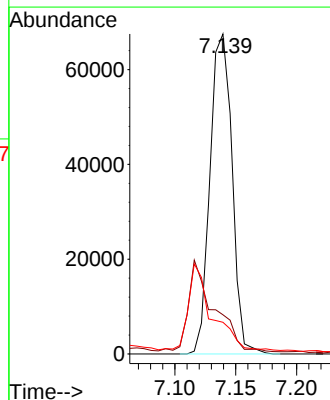
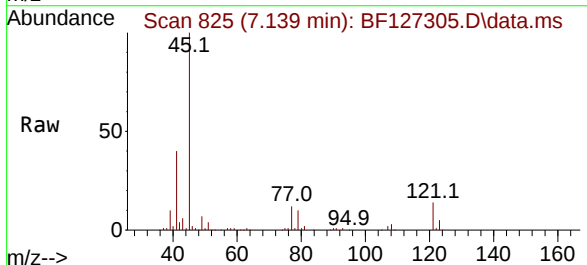
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT1-2022

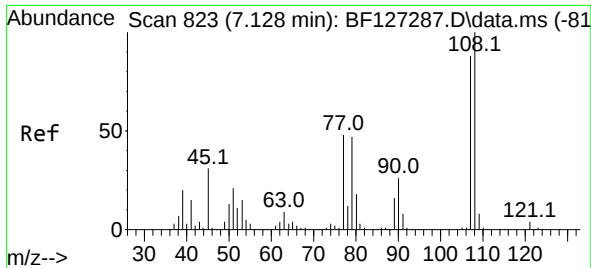
Tgt Ion: 79 Resp: 41589  
Ion Ratio Lower Upper  
79 100  
108 65.8 63.2 94.8  
77 64.6 49.4 74.2



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 4.973 ng  
RT: 7.139 min Scan# 825  
Delta R.T. -0.006 min  
Lab File: BF127305.D  
Acq: 11 Mar 2022 17:48

Tgt Ion: 45 Resp: 84961  
Ion Ratio Lower Upper  
45 100  
77 12.3 0.0 32.4  
79 9.9 0.0 29.8

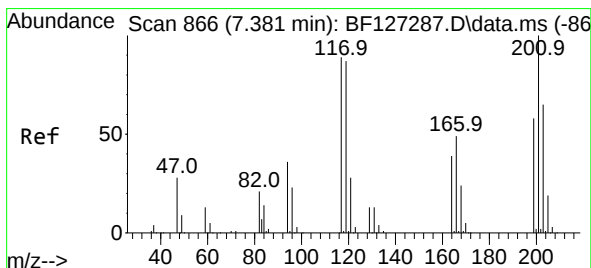
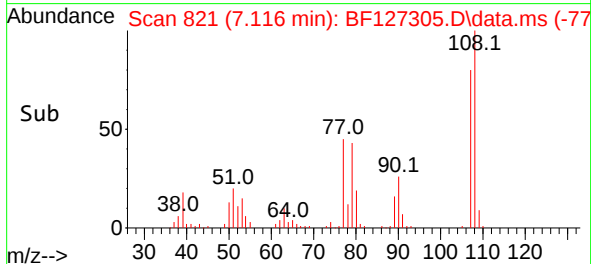
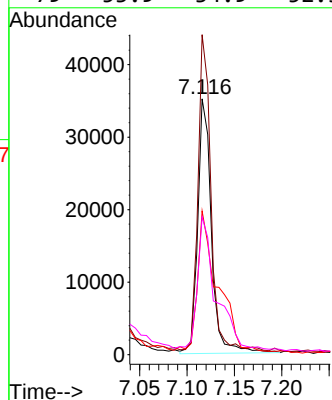
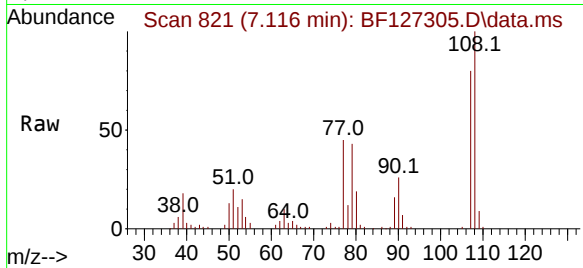




#17  
2-Methylphenol  
Concen: 4.948 ng  
RT: 7.116 min Scan# 81  
Delta R.T. -0.012 min  
Lab File: BF127305.D  
Acq: 11 Mar 2022 17:48

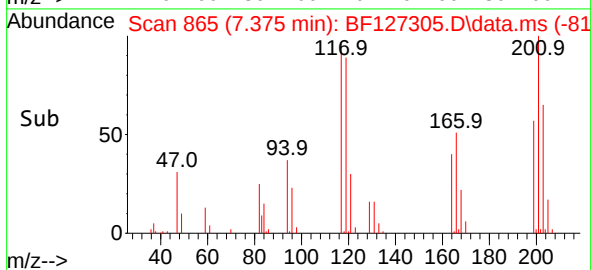
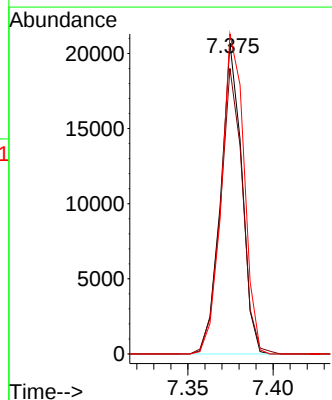
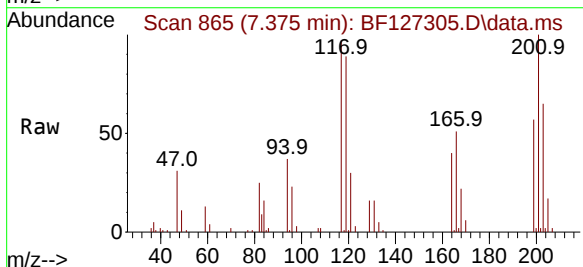
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT1-2022

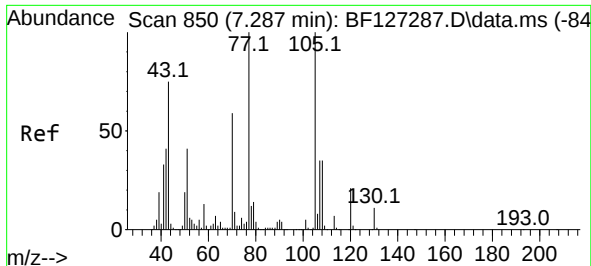
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 35303 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 125.0 | 93.4  | 140.0 |
| 77       | 56.1  | 36.1  | 54.1# |
| 79       | 53.9  | 34.9  | 52.3# |



#18  
Hexachloroethane  
Concen: 4.909 ng  
RT: 7.375 min Scan# 865  
Delta R.T. -0.006 min  
Lab File: BF127305.D  
Acq: 11 Mar 2022 17:48

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 17823 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 91.8  | 75.4  | 113.0 |
| 201      | 102.9 | 56.8  | 85.2# |

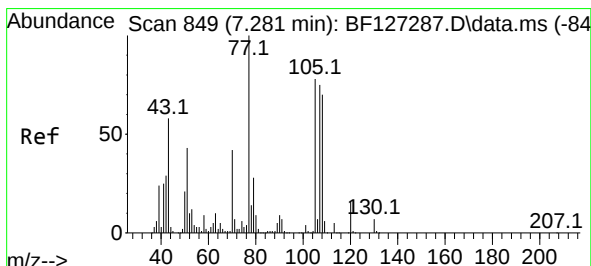
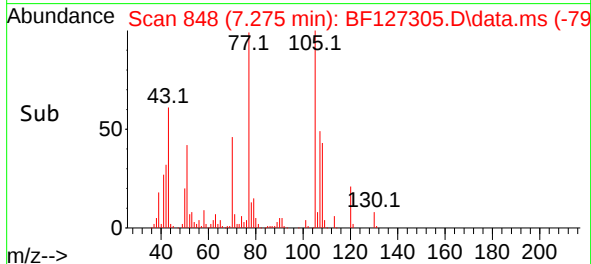
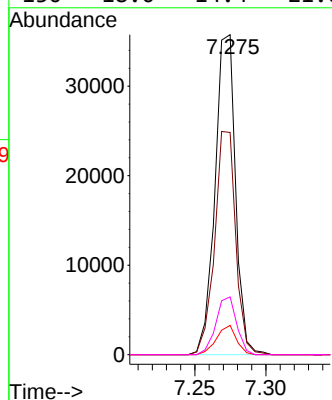
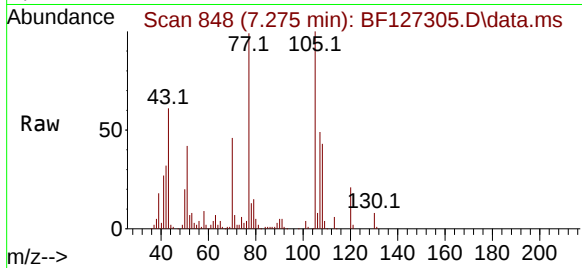




#19  
n-Nitroso-di-n-propylamine  
Concen: 5.155 ng  
RT: 7.275 min Scan# 848  
Delta R.T. -0.012 min  
Lab File: BF127305.D  
Acq: 11 Mar 2022 17:48

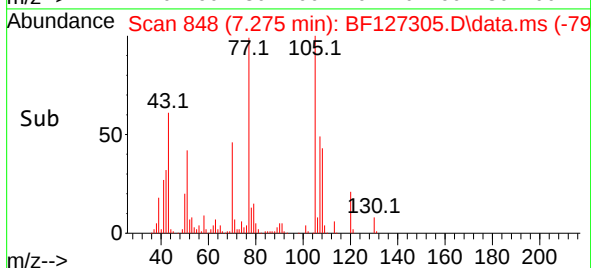
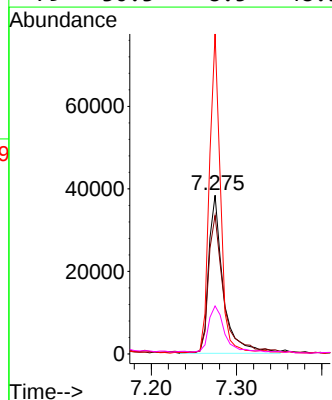
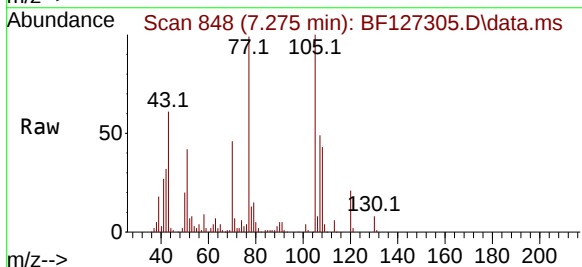
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT1-2022

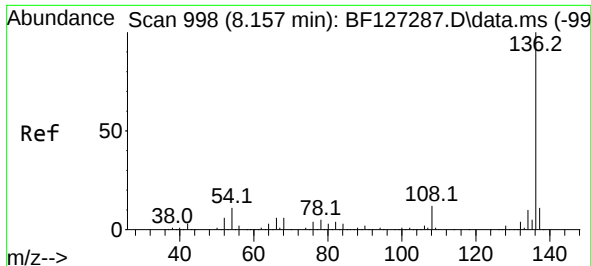
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 35897 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 69.5  | 45.8  | 68.8# |
| 101      | 9.2   | 6.9   | 10.3  |
| 130      | 18.0  | 14.4  | 21.6  |



#20  
3+4-Methylphenols  
Concen: 4.924 ng  
RT: 7.275 min Scan# 848  
Delta R.T. -0.006 min  
Lab File: BF127305.D  
Acq: 11 Mar 2022 17:48

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 45558  |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 87.3  | 72.4  | 112.4  |
| 77       | 201.6 | 83.8  | 123.8# |
| 79       | 30.3  | 8.5   | 48.5   |

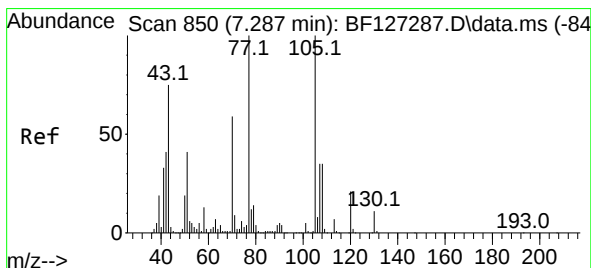
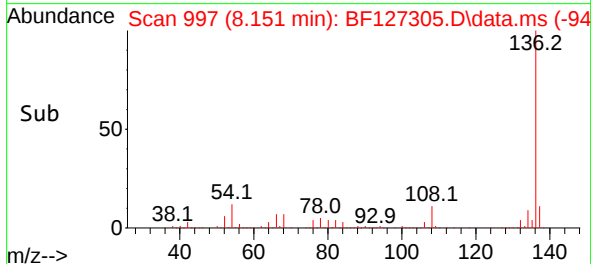
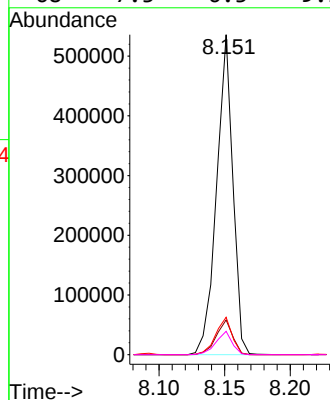
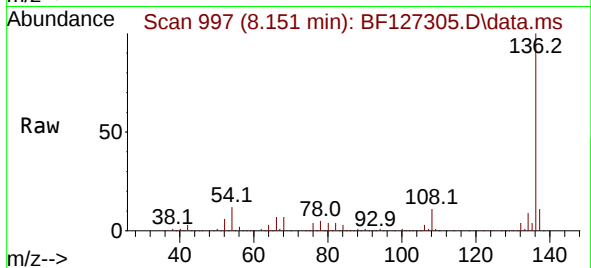




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.151 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF127305.D  
Acq: 11 Mar 2022 17:48

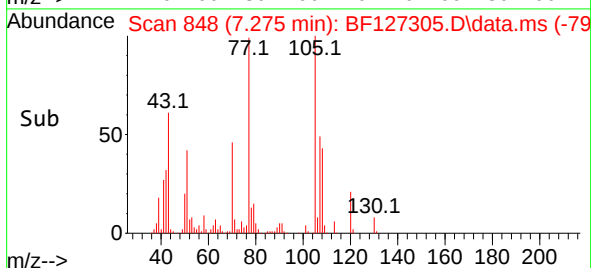
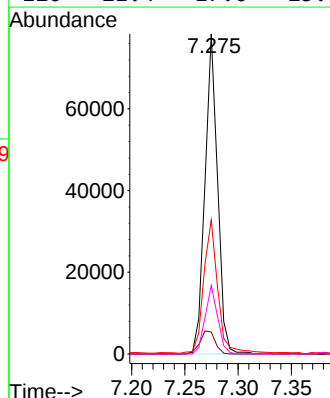
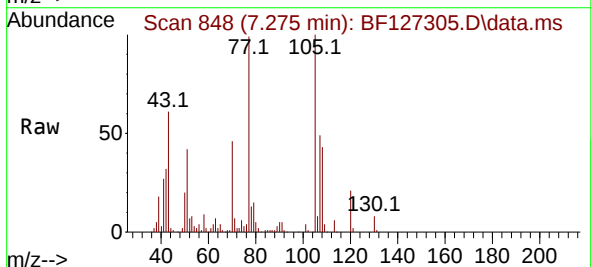
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT1-2022

Tgt Ion:136 Resp: 462073  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.6 13.0  
54 11.7 7.8 11.6#  
68 7.3 6.3 9.5



#22  
Acetophenone  
Concen: 5.119 ng  
RT: 7.275 min Scan# 848  
Delta R.T. -0.012 min  
Lab File: BF127305.D  
Acq: 11 Mar 2022 17:48

Tgt Ion:105 Resp: 64768  
Ion Ratio Lower Upper  
105 100  
71 6.9 5.4 8.0  
51 41.8 27.4 41.0#  
120 21.4 17.0 25.6





#23

Nitrobenzene-d5

Concen: 66.263 ng

RT: 7.439 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF127305.D

Acq: 11 Mar 2022 17:48

Instrument :

BNA\_F

ClientSampleId :

LOQ-WATER-02-QT1-2022

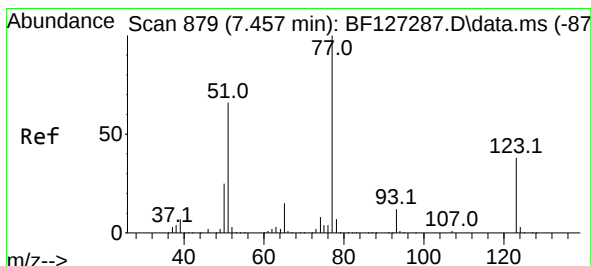
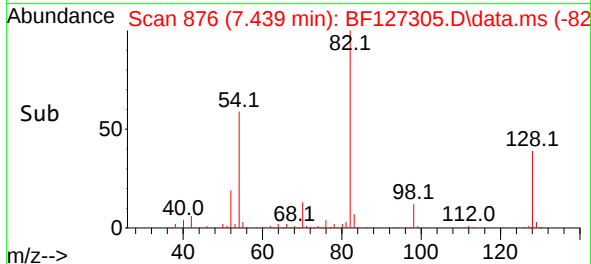
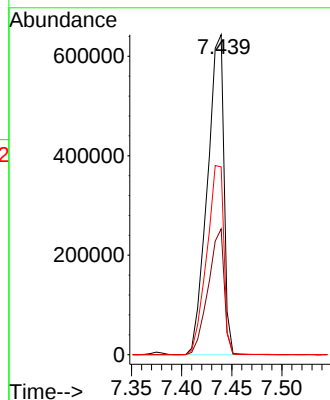
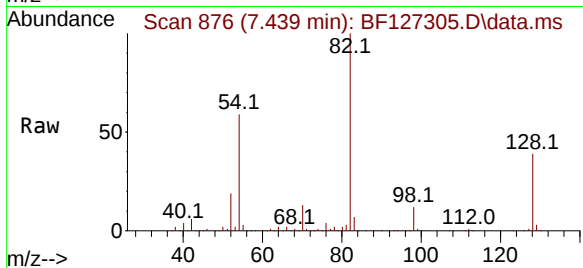
Tgt Ion: 82 Resp: 741393

Ion Ratio Lower Upper

82 100

128 39.3 32.7 49.1

54 58.7 41.7 62.5



#24

Nitrobenzene

Concen: 5.230 ng

RT: 7.451 min Scan# 878

Delta R.T. -0.006 min

Lab File: BF127305.D

Acq: 11 Mar 2022 17:48

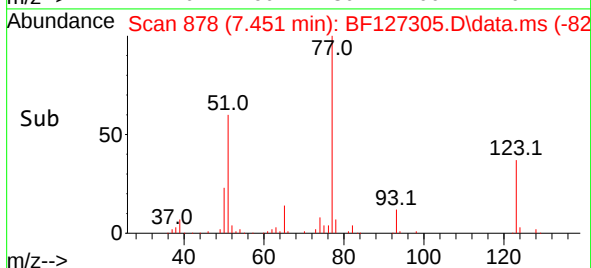
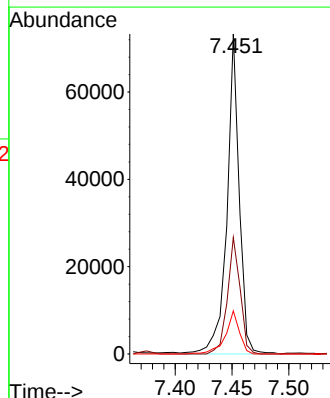
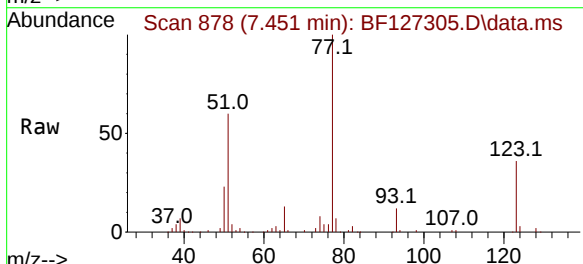
Tgt Ion: 77 Resp: 55347

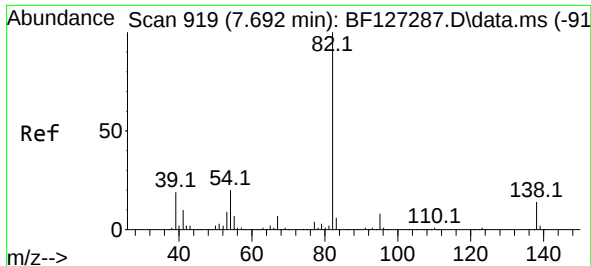
Ion Ratio Lower Upper

77 100

123 36.4 34.6 52.0

65 13.4 10.6 15.8

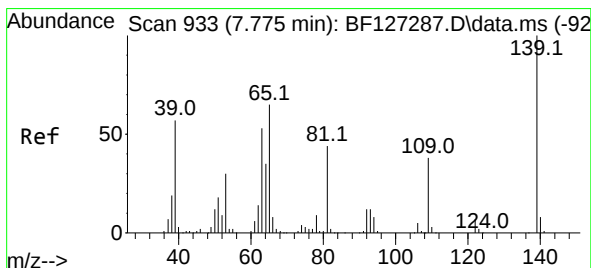
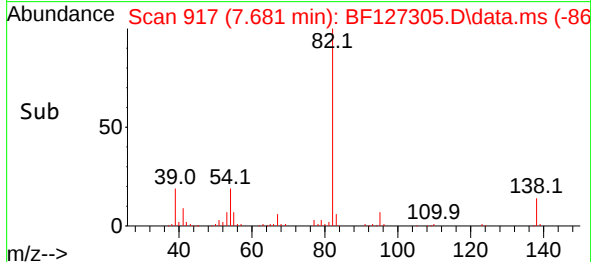
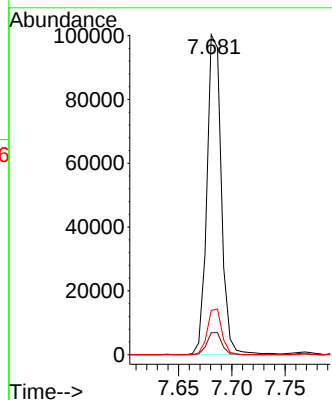
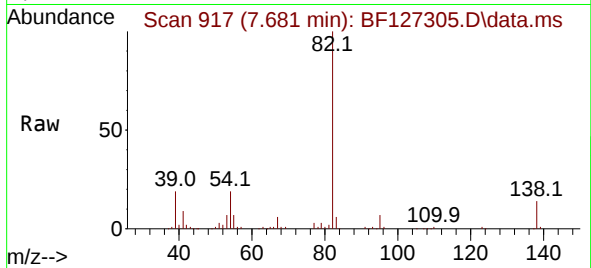




#25  
Isophorone  
Concen: 5.274 ng  
RT: 7.681 min Scan# 919  
Delta R.T. -0.012 min  
Lab File: BF127305.D  
Acq: 11 Mar 2022 17:48

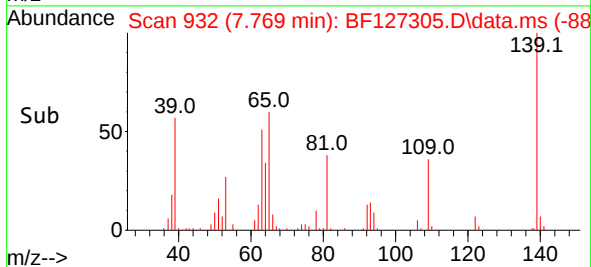
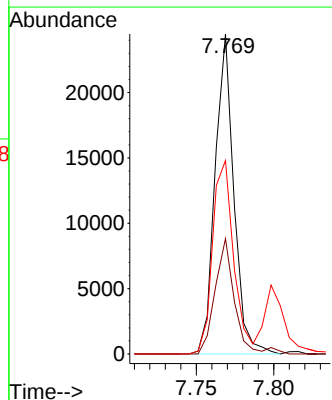
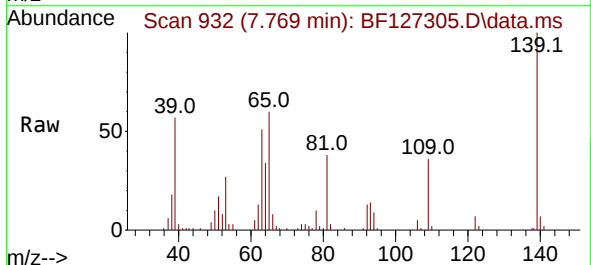
Instrument : BNA\_F  
ClientSampleId : LOQ-WATER-02-QT1-2022

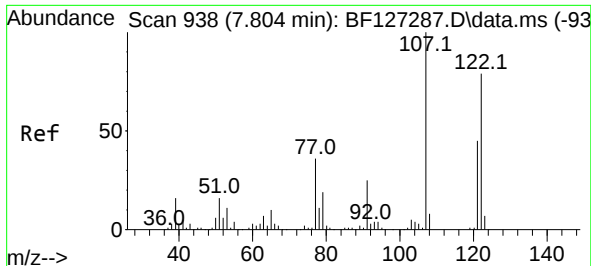
Tgt Ion: 82 Resp: 94886  
Ion Ratio Lower Upper  
82 100  
95 6.9 5.0 7.4  
138 13.9 12.3 18.5



#26  
2-Nitrophenol  
Concen: 4.707 ng  
RT: 7.769 min Scan# 932  
Delta R.T. -0.006 min  
Lab File: BF127305.D  
Acq: 11 Mar 2022 17:48

Tgt Ion: 139 Resp: 20627  
Ion Ratio Lower Upper  
139 100  
109 36.0 20.0 30.0#  
65 60.4 40.8 61.2





#27

2,4-Dimethylphenol

Concen: 5.655 ng

RT: 7.798 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF127305.D

Acq: 11 Mar 2022 17:48

Instrument :

BNA\_F

ClientSampleId :

LOQ-WATER-02-QT1-2022

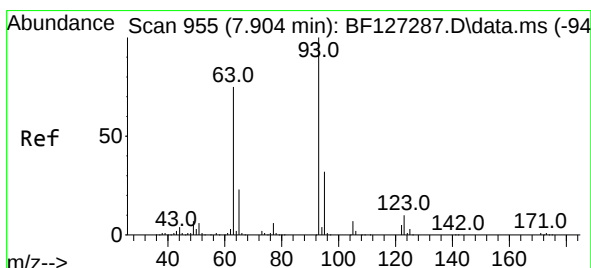
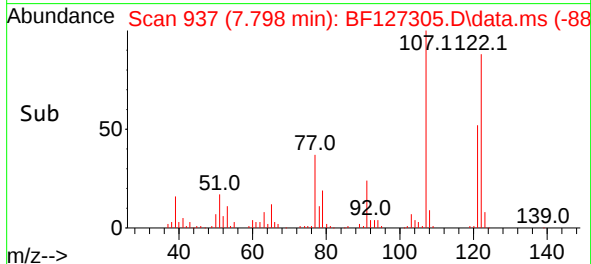
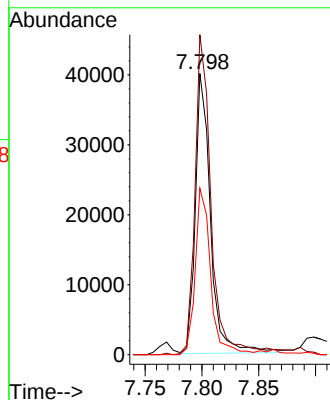
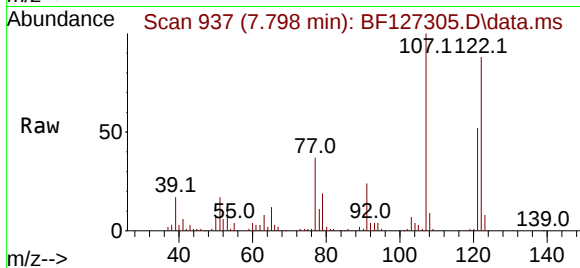
Tgt Ion:122 Resp: 37203

Ion Ratio Lower Upper

122 100

107 113.8 91.2 136.8

121 59.1 44.4 66.6



#28

bis(2-Chloroethoxy)methane

Concen: 5.150 ng

RT: 7.892 min Scan# 953

Delta R.T. -0.012 min

Lab File: BF127305.D

Acq: 11 Mar 2022 17:48

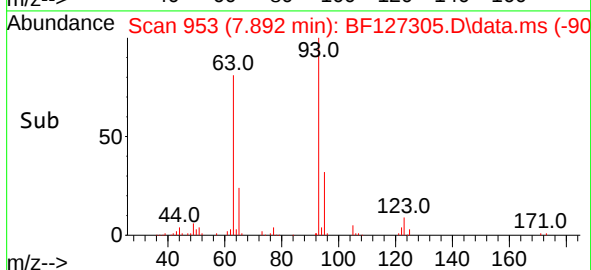
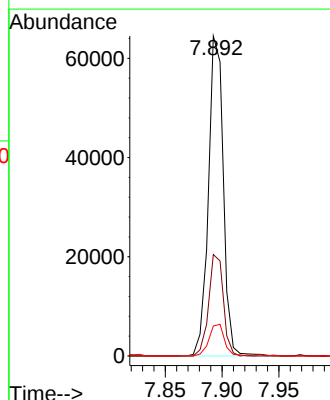
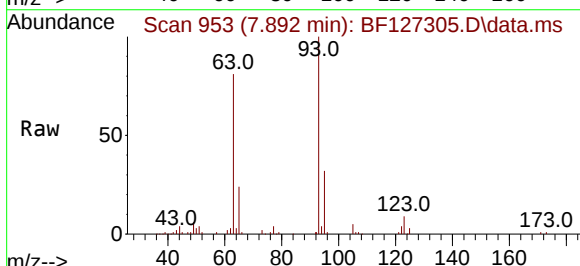
Tgt Ion: 93 Resp: 58710

Ion Ratio Lower Upper

93 100

95 31.7 25.4 38.2

123 9.3 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 4.896 ng

RT: 8.010 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF127305.D

Acq: 11 Mar 2022 17:48

Instrument :

BNA\_F

ClientSampleId :

LOQ-WATER-02-QT1-2022

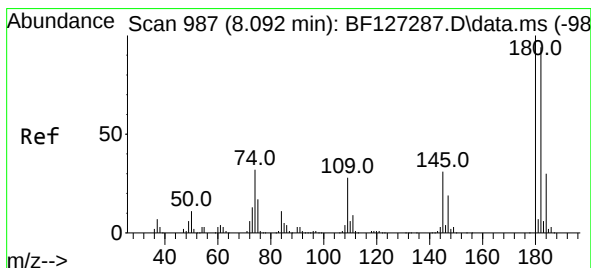
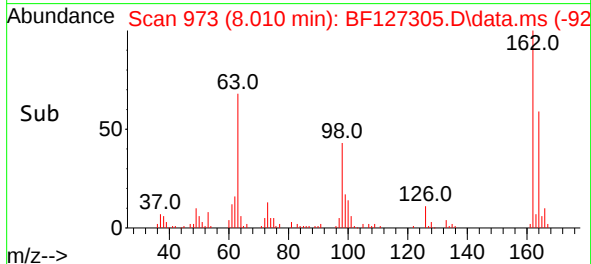
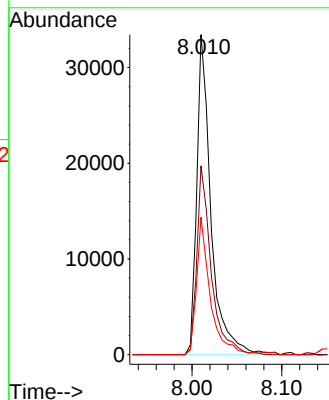
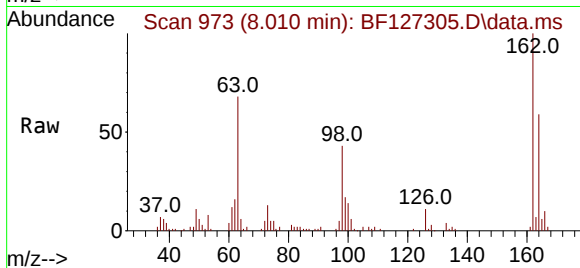
Tgt Ion:162 Resp: 36889

Ion Ratio Lower Upper

162 100

164 59.0 43.8 83.8

98 43.0 23.6 63.6



#30

1,2,4-Trichlorobenzene

Concen: 4.999 ng

RT: 8.086 min Scan# 986

Delta R.T. -0.006 min

Lab File: BF127305.D

Acq: 11 Mar 2022 17:48

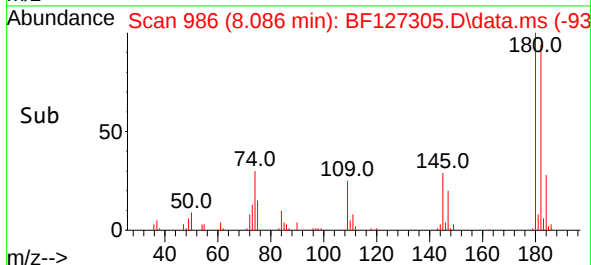
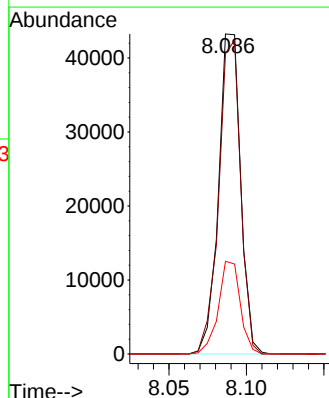
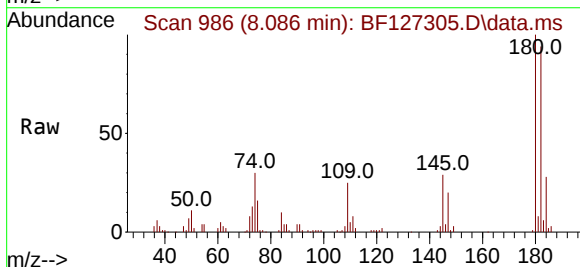
Tgt Ion:180 Resp: 42935

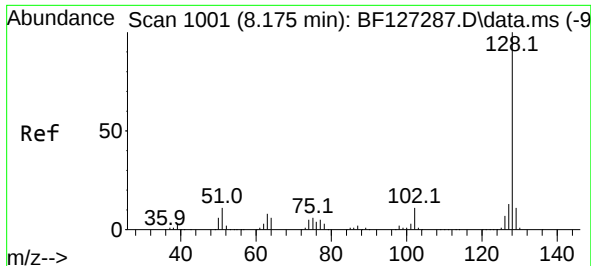
Ion Ratio Lower Upper

180 100

182 93.9 75.5 113.3

145 29.0 26.2 39.2

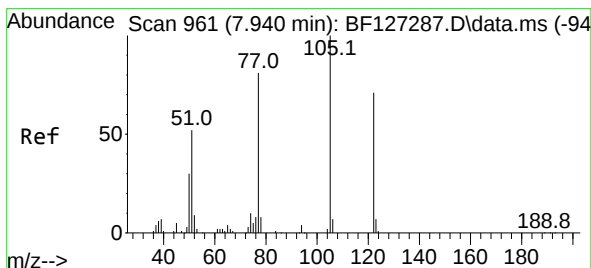
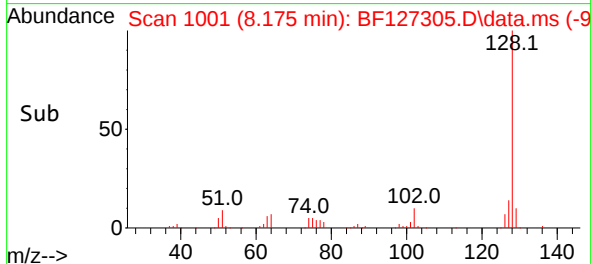
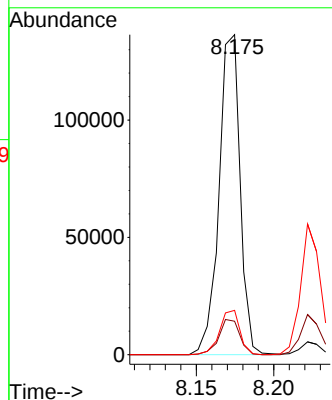
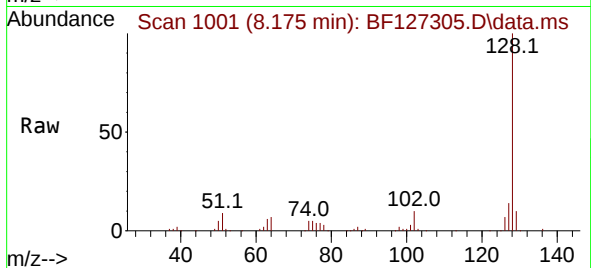




#31  
Naphthalene  
Concen: 5.245 ng  
RT: 8.175 min Scan# 1001  
Delta R.T. -0.000 min  
Lab File: BF127305.D  
Acq: 11 Mar 2022 17:48

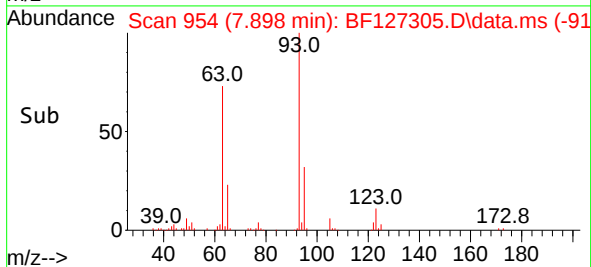
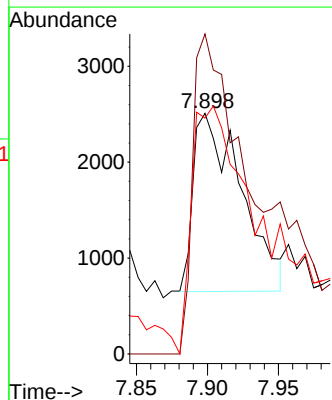
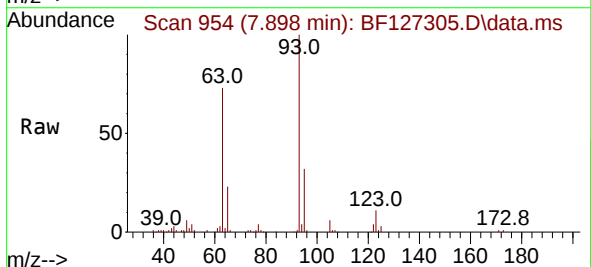
Instrument : BNA\_F  
ClientSampleId : LOQ-WATER-02-QT1-2022

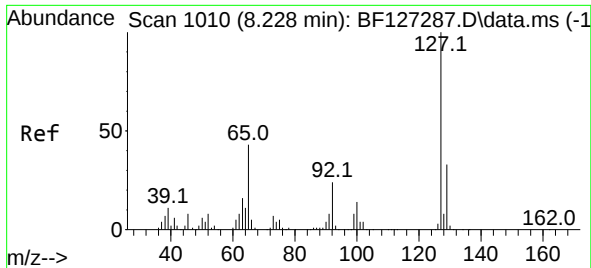
Tgt Ion:128 Resp: 129287  
Ion Ratio Lower Upper  
128 100  
129 10.5 8.6 13.0  
127 13.8 10.3 15.5



#32  
Benzoic acid  
Concen: 1.070 ng  
RT: 7.898 min Scan# 954  
Delta R.T. -0.042 min  
Lab File: BF127305.D  
Acq: 11 Mar 2022 17:48

Tgt Ion:122 Resp: 4370  
Ion Ratio Lower Upper  
122 100  
105 132.9 101.0 141.0  
77 98.0 74.5 114.5

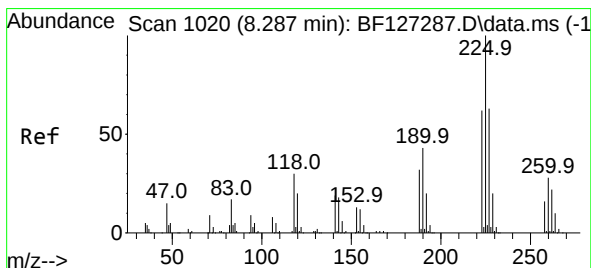
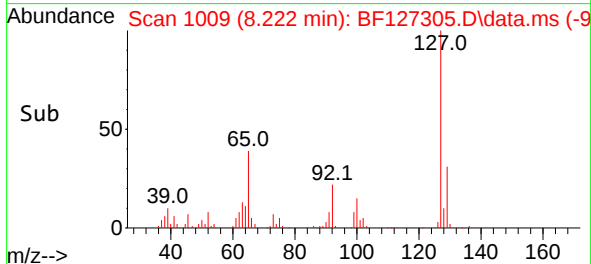
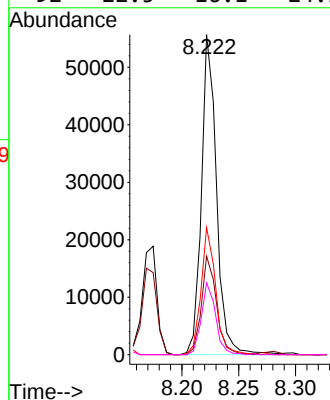
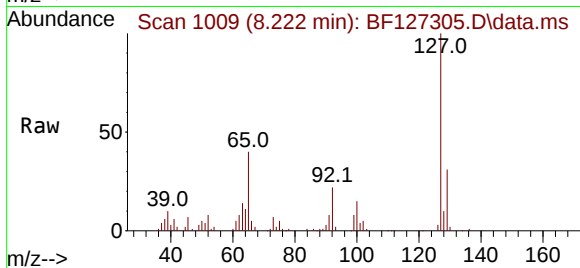




#33  
4-Chloroaniline  
Concen: 5.397 ng  
RT: 8.222 min Scan# 1010  
Delta R.T. -0.006 min  
Lab File: BF127305.D  
Acq: 11 Mar 2022 17:48

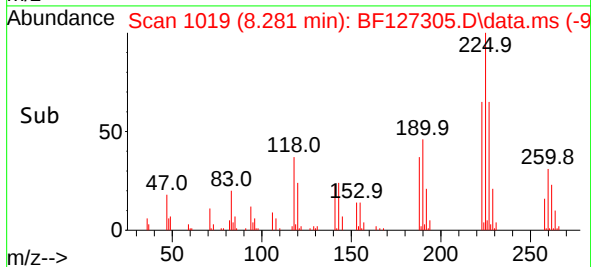
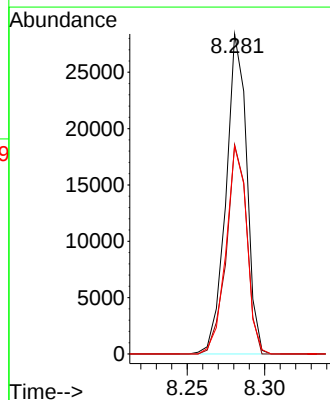
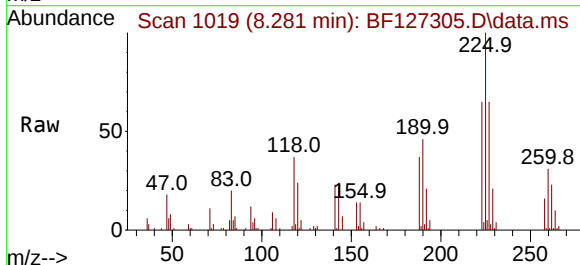
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT1-2022

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 51564 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 30.8  | 26.5  | 39.7  |
| 65       | 39.7  | 26.6  | 39.8  |
| 92       | 22.5  | 16.1  | 24.1  |



#34  
Hexachlorobutadiene  
Concen: 4.611 ng  
RT: 8.281 min Scan# 1019  
Delta R.T. -0.006 min  
Lab File: BF127305.D  
Acq: 11 Mar 2022 17:48

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 26413 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 65.4  | 48.6  | 73.0  |
| 227      | 65.0  | 51.4  | 77.0  |

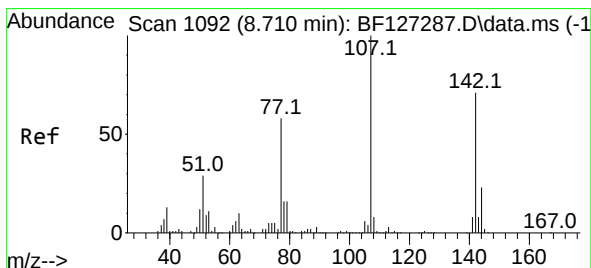
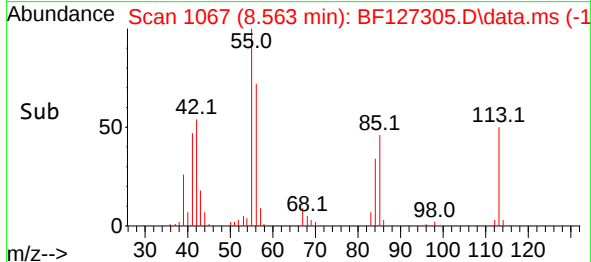
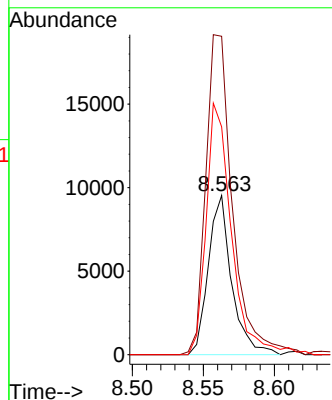
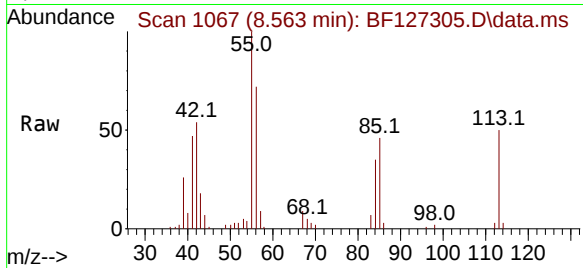




#35  
 Caprolactam  
 Concen: 4.850 ng  
 RT: 8.563 min Scan# 1091  
 Delta R.T. -0.047 min  
 Lab File: BF127305.D  
 Acq: 11 Mar 2022 17:48

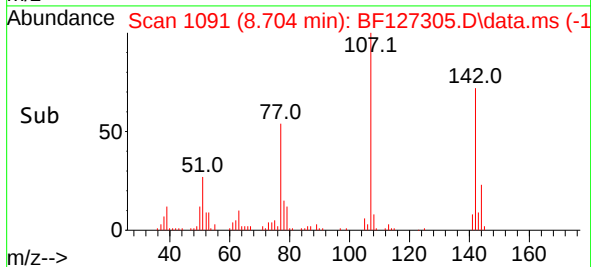
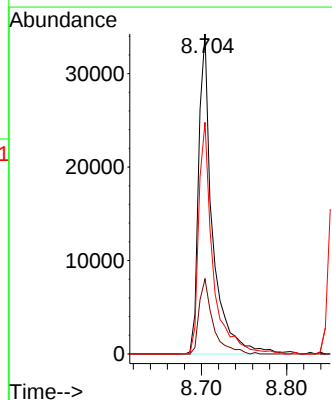
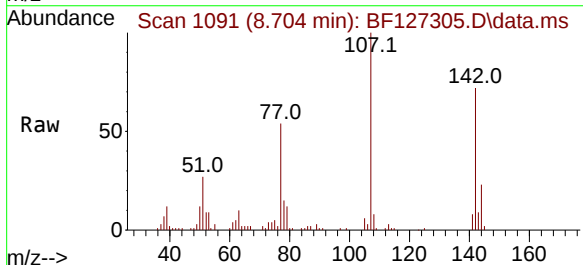
Instrument :  
 BNA\_F  
 ClientSampleId :  
 LOQ-WATER-02-QT1-2022

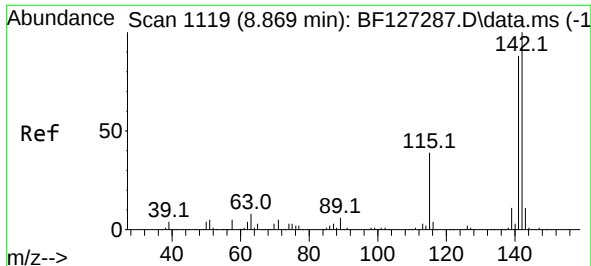
Tgt Ion:113 Resp: 10917  
 Ion Ratio Lower Upper  
 113 100  
 55 200.0 183.9 223.9  
 56 143.1 129.9 169.9



#36  
 4-Chloro-3-methylphenol  
 Concen: 4.745 ng  
 RT: 8.704 min Scan# 1091  
 Delta R.T. -0.006 min  
 Lab File: BF127305.D  
 Acq: 11 Mar 2022 17:48

Tgt Ion:107 Resp: 38751  
 Ion Ratio Lower Upper  
 107 100  
 144 23.4 18.5 27.7  
 142 72.4 58.1 87.1





#37

2-Methylnaphthalene

Concen: 5.432 ng

RT: 8.863 min Scan# 1118

Delta R.T. -0.006 min

Lab File: BF127305.D

Acq: 11 Mar 2022 17:48

Instrument :

BNA\_F

ClientSampleId :

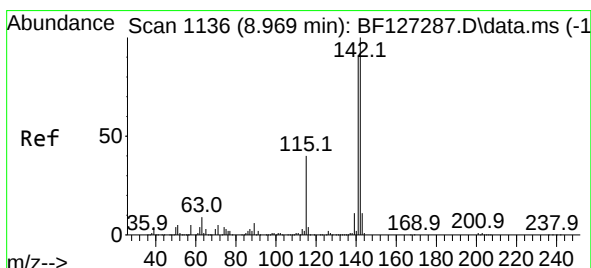
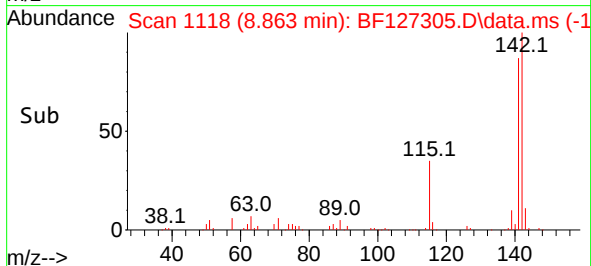
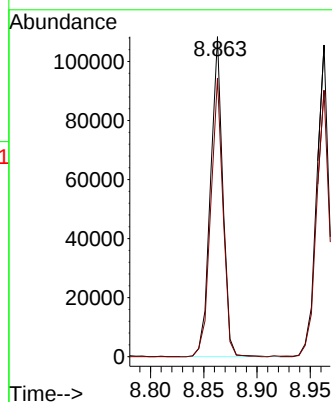
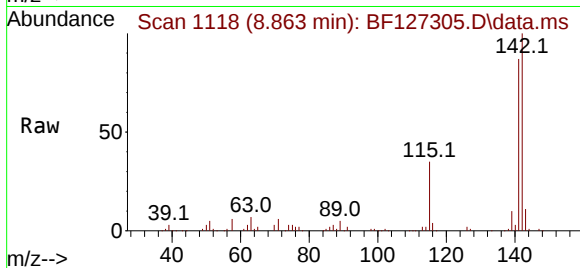
LOQ-WATER-02-QT1-2022

Tgt Ion:142 Resp: 87493

Ion Ratio Lower Upper

142 100

141 87.1 68.6 102.8



#38

1-Methylnaphthalene

Concen: 5.463 ng

RT: 8.963 min Scan# 1135

Delta R.T. -0.006 min

Lab File: BF127305.D

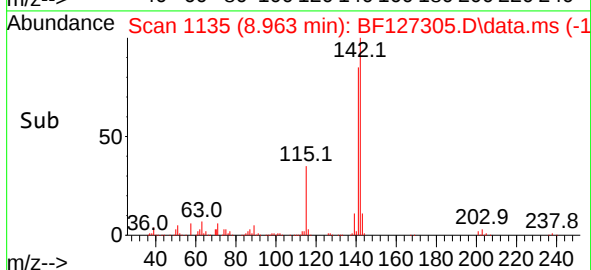
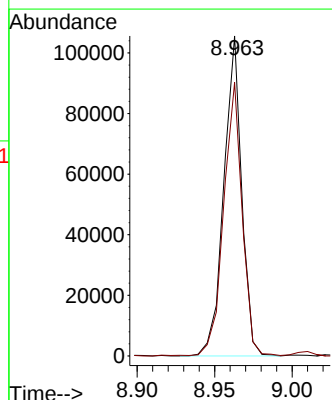
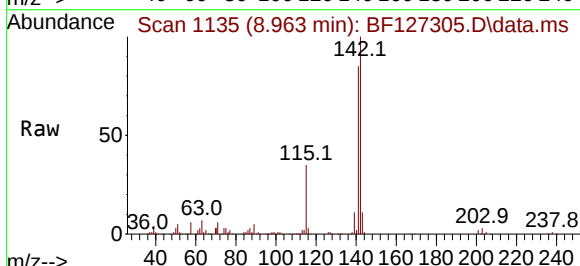
Acq: 11 Mar 2022 17:48

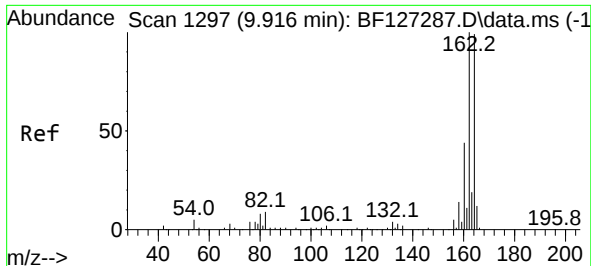
Tgt Ion:142 Resp: 84583

Ion Ratio Lower Upper

142 100

141 85.5 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF127305.D

Acq: 11 Mar 2022 17:48

Instrument :

BNA\_F

ClientSampleId :

LOQ-WATER-02-QT1-2022

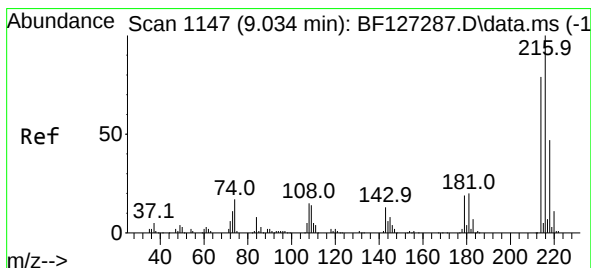
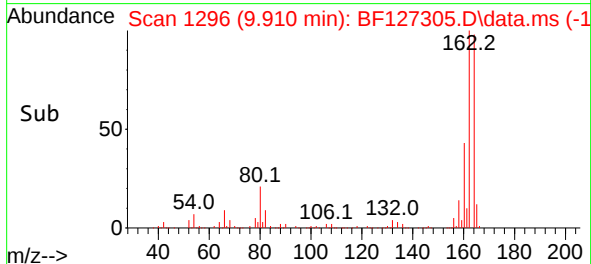
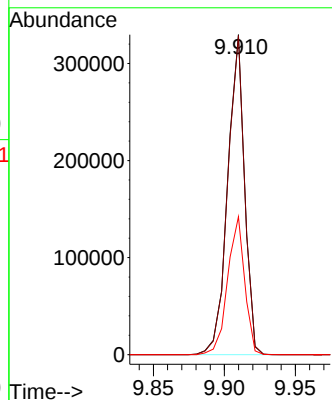
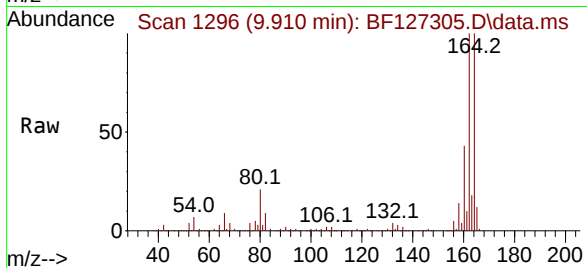
Tgt Ion:164 Resp: 273296

Ion Ratio Lower Upper

164 100

162 99.7 81.4 122.0

160 43.1 36.6 54.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 5.256 ng

RT: 9.028 min Scan# 1146

Delta R.T. -0.006 min

Lab File: BF127305.D

Acq: 11 Mar 2022 17:48

Tgt Ion:216 Resp: 45476

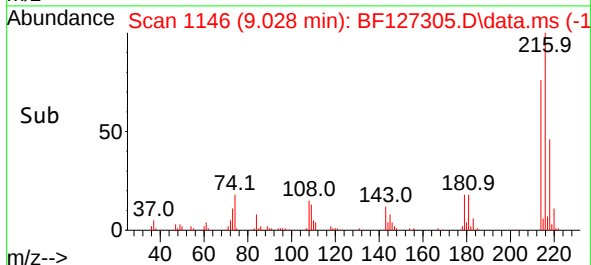
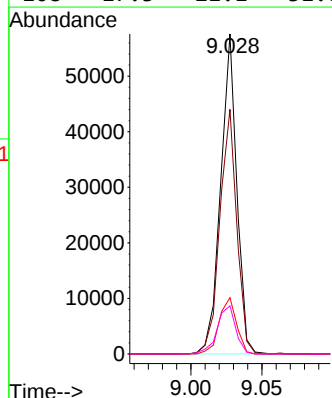
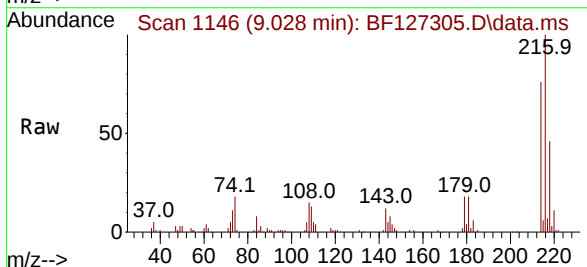
Ion Ratio Lower Upper

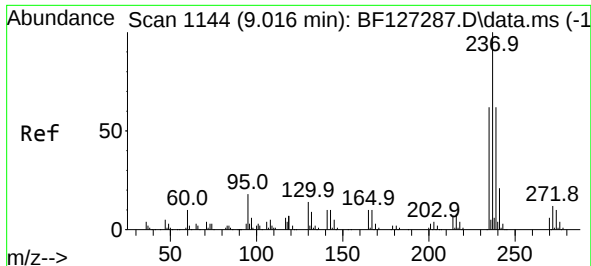
216 100

214 80.2 64.6 96.8

179 19.0 19.5 29.3#

108 17.3 21.1 31.7#

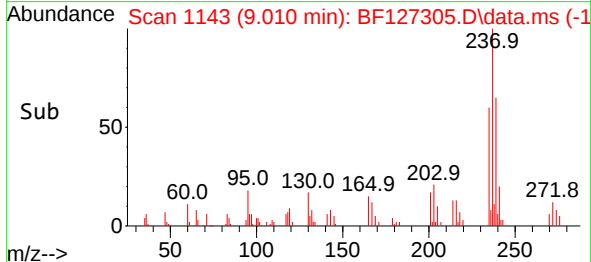
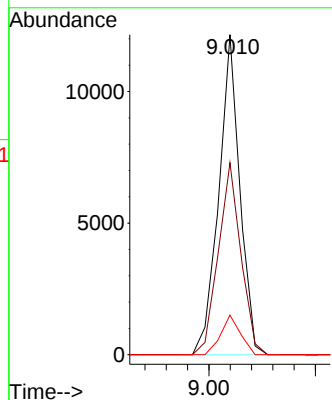
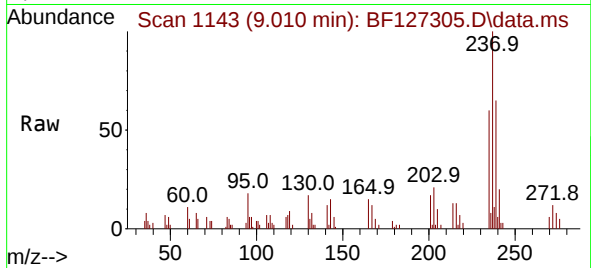




#41  
Hexachlorocyclopentadiene  
Concen: 2.742 ng  
RT: 9.010 min Scan# 1144  
Delta R.T. -0.006 min  
Lab File: BF127305.D  
Acq: 11 Mar 2022 17:48

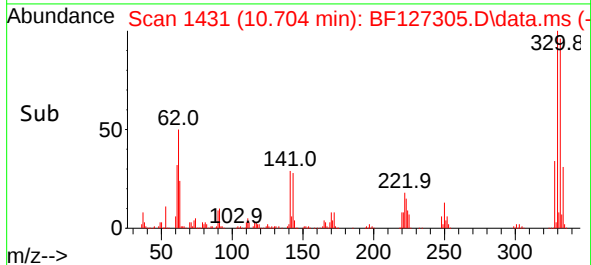
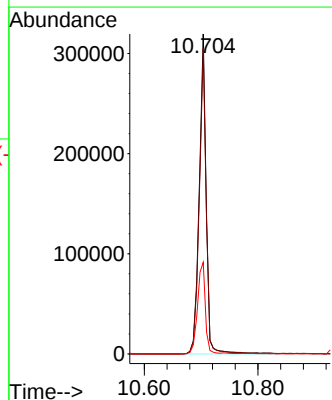
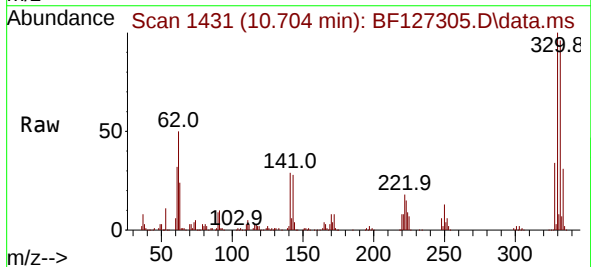
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT1-2022

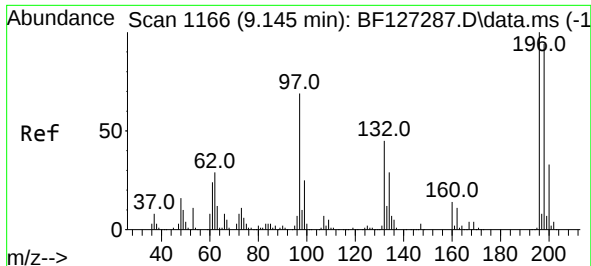
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:237 | Resp: | 8337      |
| Ion Ratio   | Lower | Upper     |
| 237         | 100   |           |
| 235         | 60.0  | 38.9 78.9 |
| 272         | 12.3  | 0.0 33.5  |



#42  
2,4,6-Tribromophenol  
Concen: 93.600 ng  
RT: 10.704 min Scan# 1431  
Delta R.T. -0.006 min  
Lab File: BF127305.D  
Acq: 11 Mar 2022 17:48

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:330 | Resp: | 275372     |
| Ion Ratio   | Lower | Upper      |
| 330         | 100   |            |
| 332         | 95.0  | 76.0 114.0 |
| 141         | 32.0  | 30.1 45.1  |





#43

2,4,6-Trichlorophenol

Concen: 4.312 ng

RT: 9.145 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BF127305.D

Acq: 11 Mar 2022 17:48

Instrument :

BNA\_F

ClientSampleId :

LOQ-WATER-02-QT1-2022

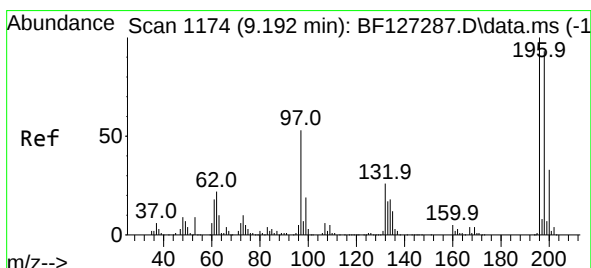
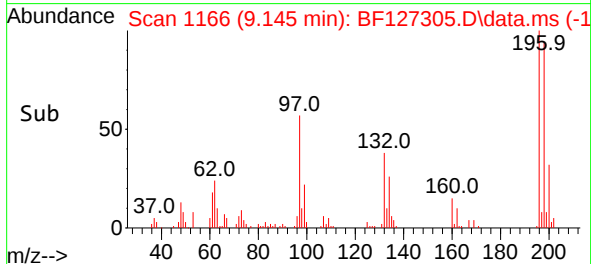
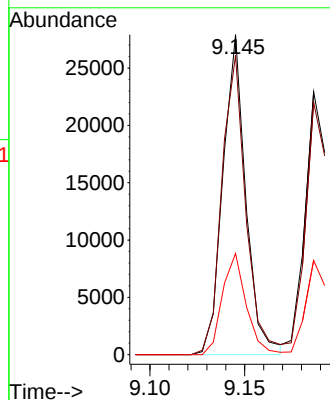
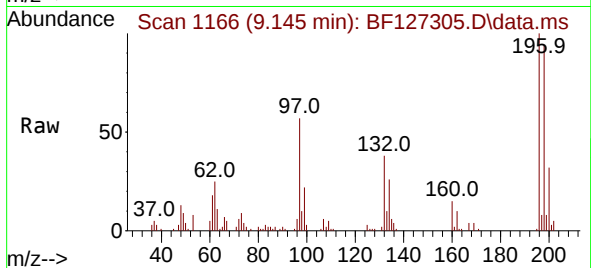
Tgt Ion:196 Resp: 23544

Ion Ratio Lower Upper

196 100

198 93.6 78.5 117.7

200 31.7 24.9 37.3



#44

2,4,5-Trichlorophenol

Concen: 4.063 ng

RT: 9.145 min Scan# 1166

Delta R.T. -0.047 min

Lab File: BF127305.D

Acq: 11 Mar 2022 17:48

Tgt Ion:196 Resp: 23544

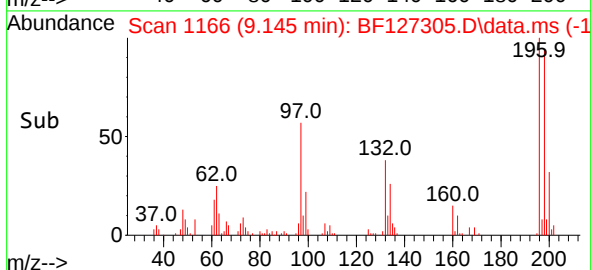
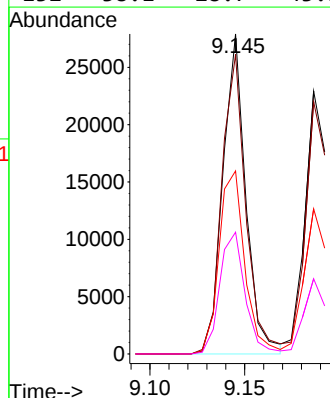
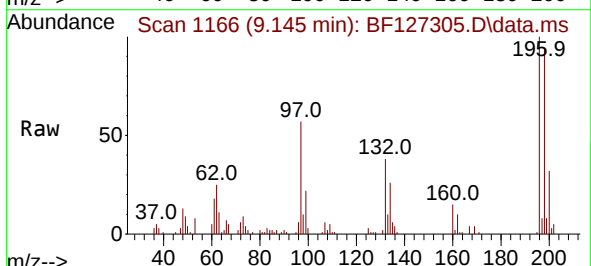
Ion Ratio Lower Upper

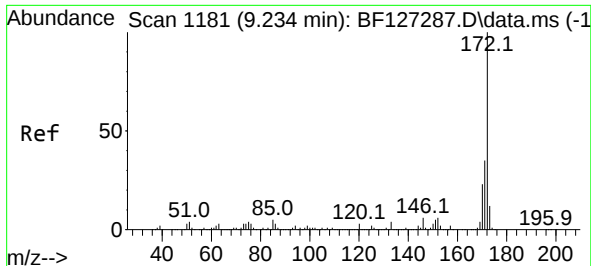
196 100

198 93.6 82.0 123.0

97 57.2 53.5 80.3

132 38.1 28.7 43.1

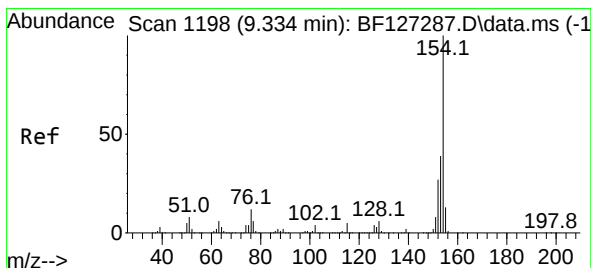
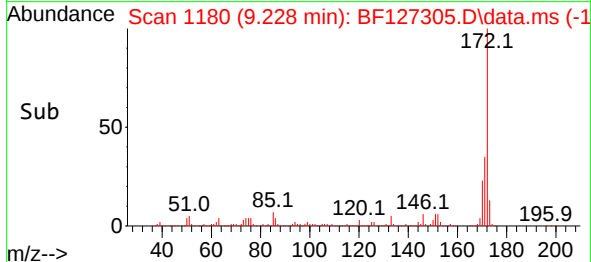
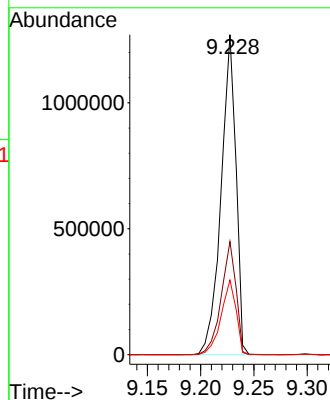
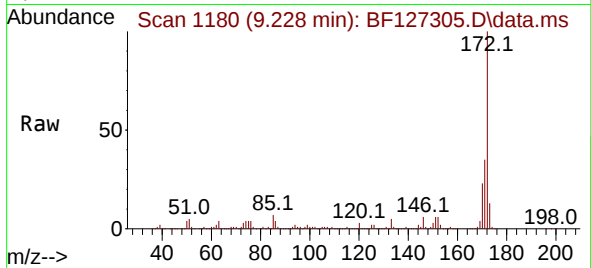




#45  
2-Fluorobiphenyl  
Concen: 63.648 ng  
RT: 9.228 min Scan# 1180  
Delta R.T. -0.006 min  
Lab File: BF127305.D  
Acq: 11 Mar 2022 17:48

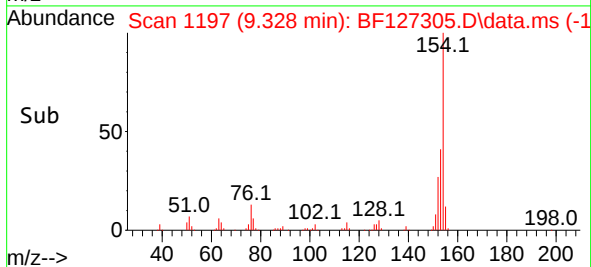
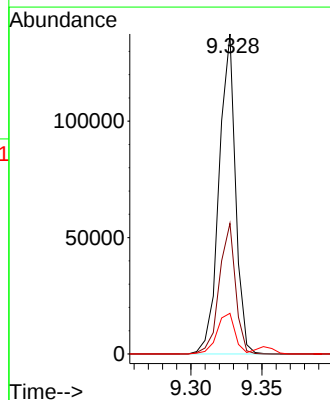
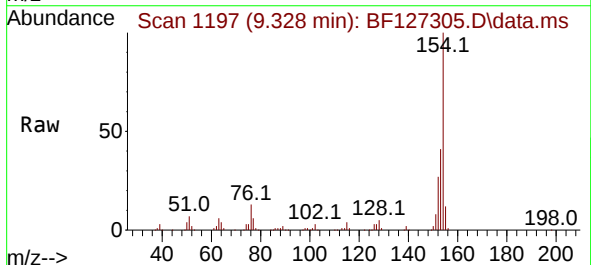
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT1-2022

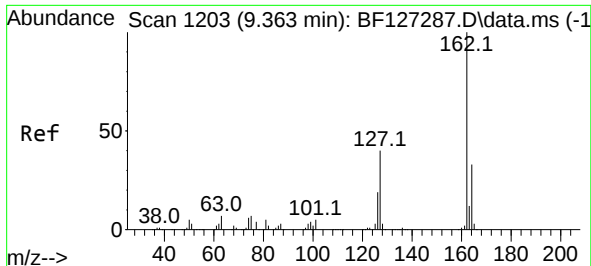
Tgt Ion:172 Resp: 1230368  
Ion Ratio Lower Upper  
172 100  
171 35.4 28.3 42.5  
170 23.3 19.0 28.6



#46  
1,1'-Biphenyl  
Concen: 5.359 ng  
RT: 9.328 min Scan# 1197  
Delta R.T. -0.006 min  
Lab File: BF127305.D  
Acq: 11 Mar 2022 17:48

Tgt Ion:154 Resp: 110547  
Ion Ratio Lower Upper  
154 100  
153 40.8 19.0 59.0  
76 12.7 0.0 34.5

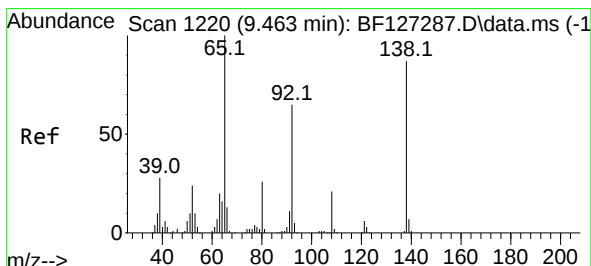
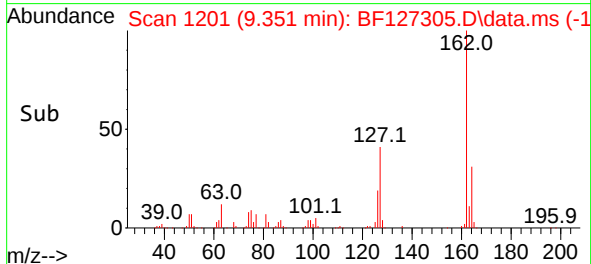
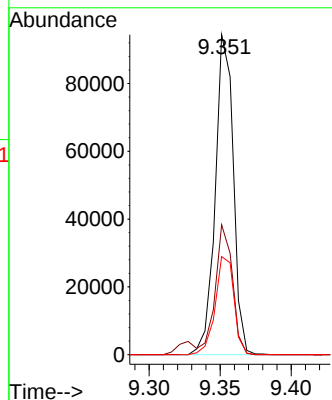
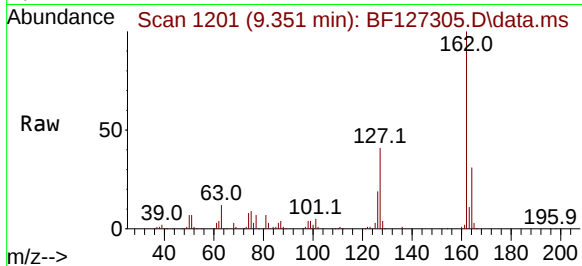




#47  
2-Chloronaphthalene  
Concen: 5.186 ng  
RT: 9.351 min Scan# 1203  
Delta R.T. -0.012 min  
Lab File: BF127305.D  
Acq: 11 Mar 2022 17:48

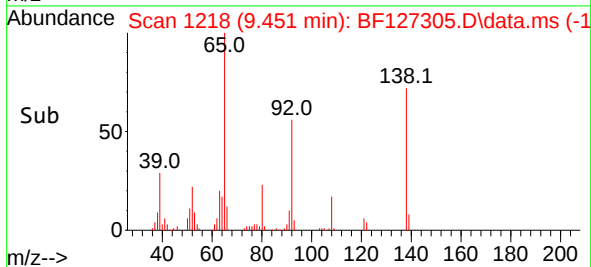
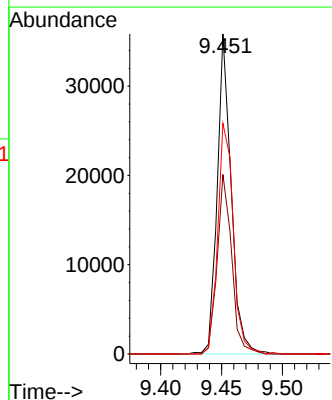
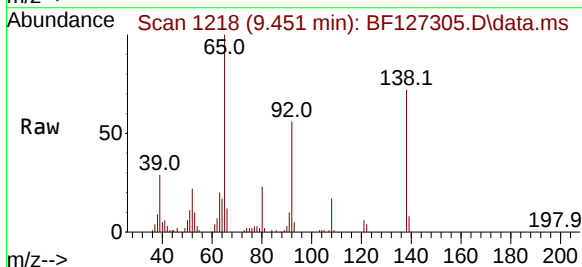
Instrument : BNA\_F  
ClientSampleId : LOQ-WATER-02-QT1-2022

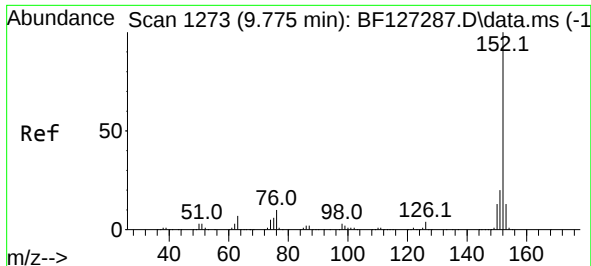
Tgt Ion:162 Resp: 83270  
Ion Ratio Lower Upper  
162 100  
127 40.6 33.5 50.3  
164 30.6 26.2 39.4



#48  
2-Nitroaniline  
Concen: 4.648 ng  
RT: 9.451 min Scan# 1218  
Delta R.T. -0.012 min  
Lab File: BF127305.D  
Acq: 11 Mar 2022 17:48

Tgt Ion: 65 Resp: 28714  
Ion Ratio Lower Upper  
65 100  
92 56.1 54.4 81.6  
138 72.1 72.5 108.7#





#49

Acenaphthylene

Concen: 5.539 ng

RT: 9.769 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF127305.D

Acq: 11 Mar 2022 17:48

Instrument :

BNA\_F

ClientSampleId :

LOQ-WATER-02-QT1-2022

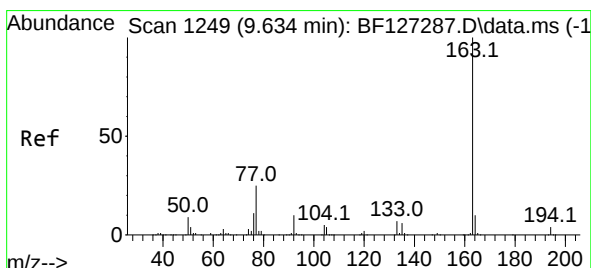
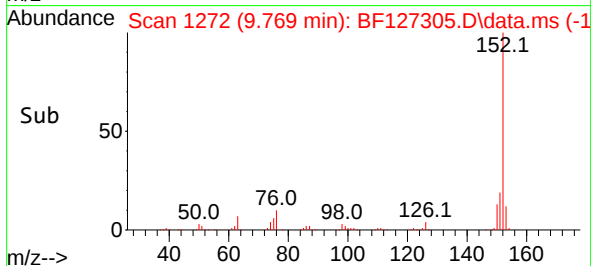
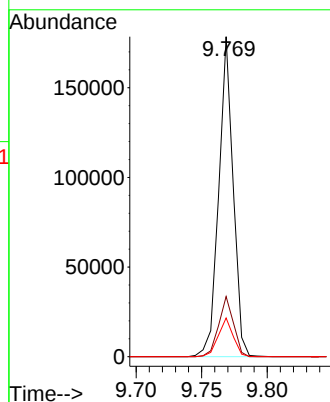
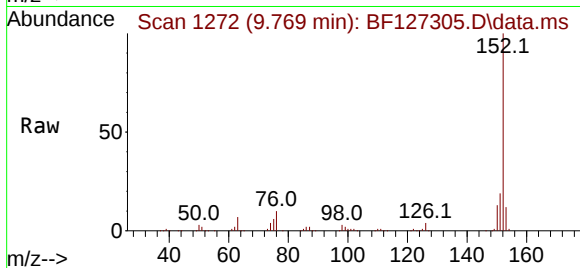
Tgt Ion:152 Resp: 136097

Ion Ratio Lower Upper

152 100

151 18.8 15.7 23.5

153 12.1 11.4 17.0



#50

Dimethylphthalate

Concen: 4.833 ng

RT: 9.622 min Scan# 1247

Delta R.T. -0.012 min

Lab File: BF127305.D

Acq: 11 Mar 2022 17:48

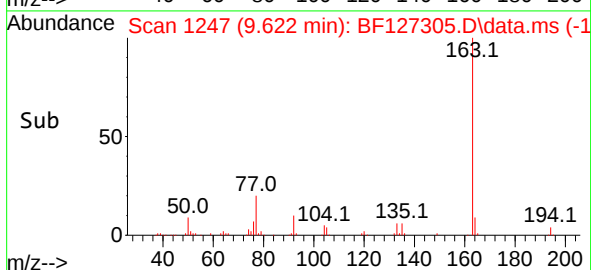
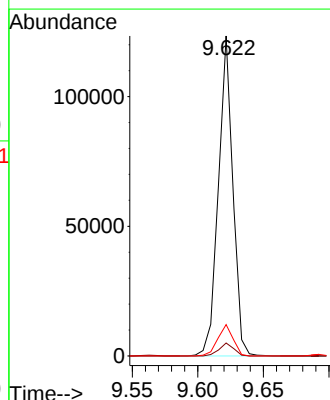
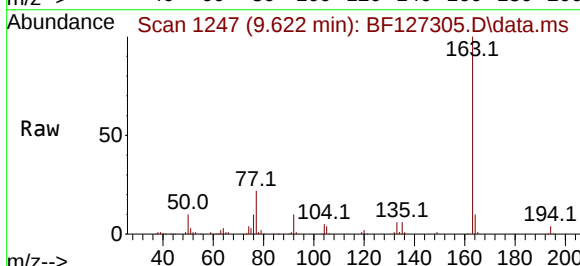
Tgt Ion:163 Resp: 94644

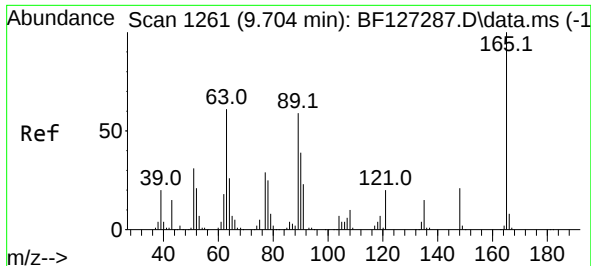
Ion Ratio Lower Upper

163 100

194 4.1 2.6 3.8#

164 9.8 7.8 11.8

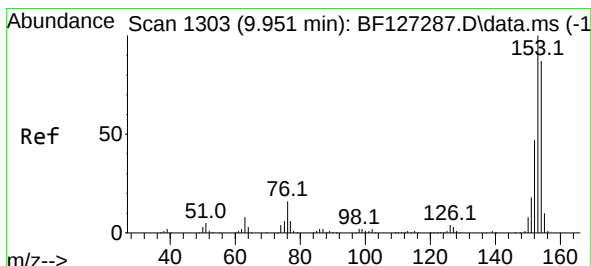
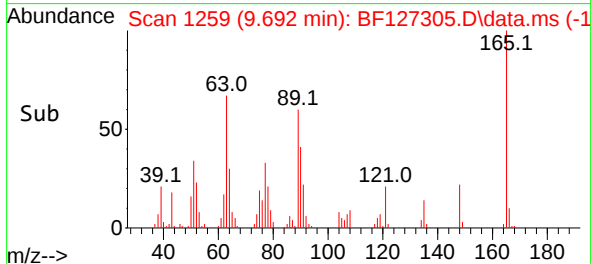
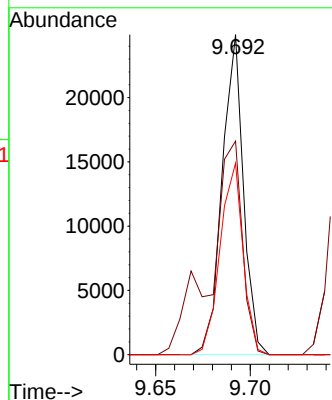
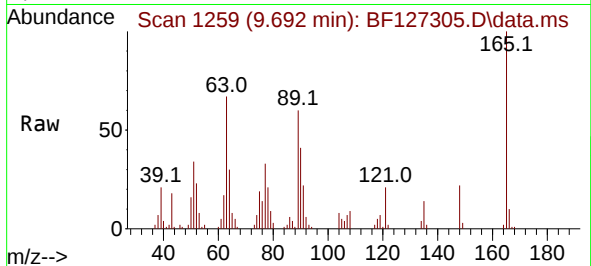




#51  
2,6-Dinitrotoluene  
Concen: 4.907 ng  
RT: 9.692 min Scan# 1301  
Delta R.T. -0.012 min  
Lab File: BF127305.D  
Acq: 11 Mar 2022 17:48

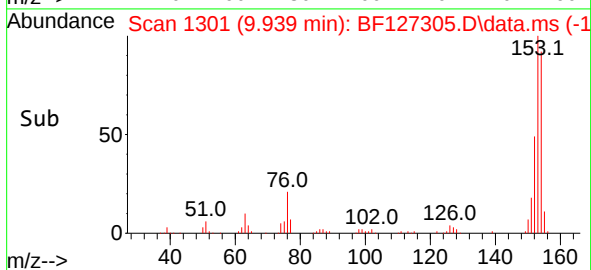
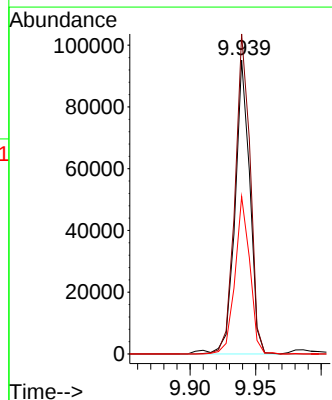
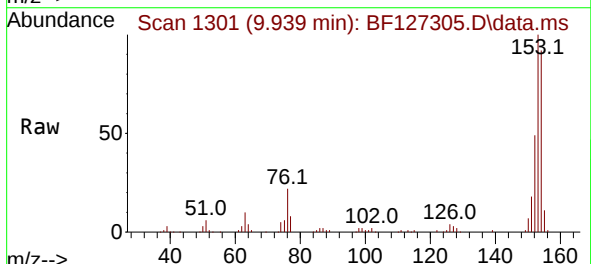
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT1-2022

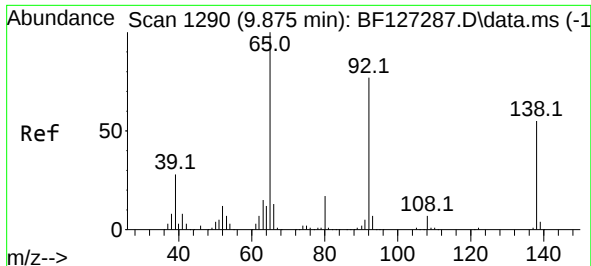
Tgt Ion:165 Resp: 19437  
Ion Ratio Lower Upper  
165 100  
63 66.8 48.4 72.6  
89 59.8 50.5 75.7



#52  
Acenaphthene  
Concen: 5.129 ng  
RT: 9.939 min Scan# 1301  
Delta R.T. -0.012 min  
Lab File: BF127305.D  
Acq: 11 Mar 2022 17:48

Tgt Ion:154 Resp: 75129  
Ion Ratio Lower Upper  
154 100  
153 108.9 87.8 131.6  
152 53.6 39.4 59.2

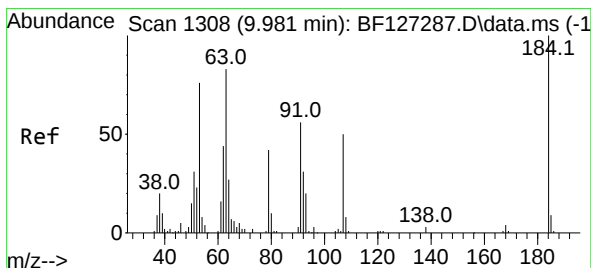
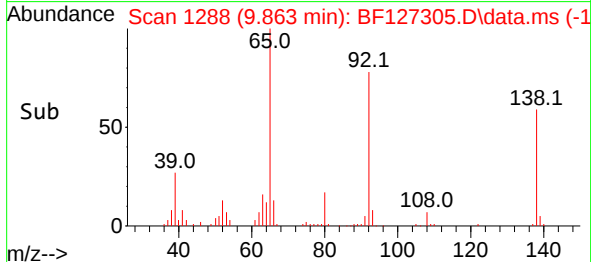
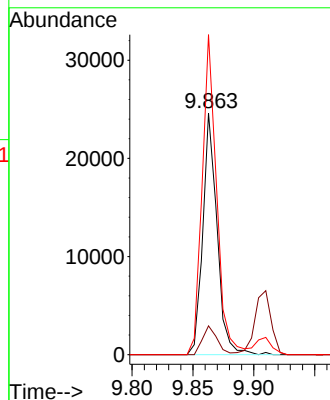
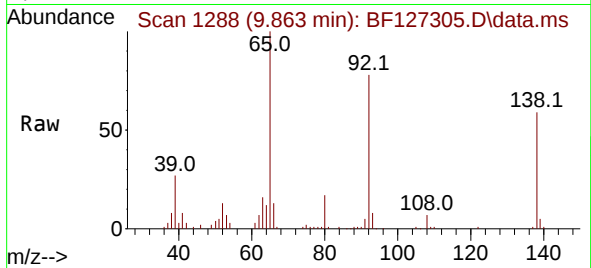




#53  
3-Nitroaniline  
Concen: 4.636 ng  
RT: 9.863 min Scan# 1288  
Delta R.T. -0.012 min  
Lab File: BF127305.D  
Acq: 11 Mar 2022 17:48

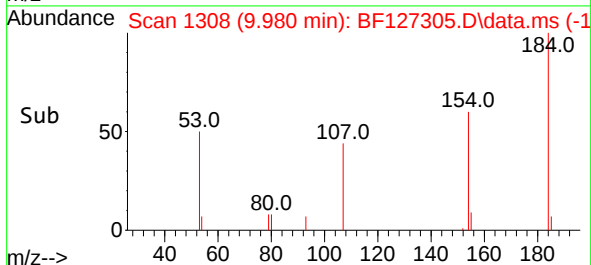
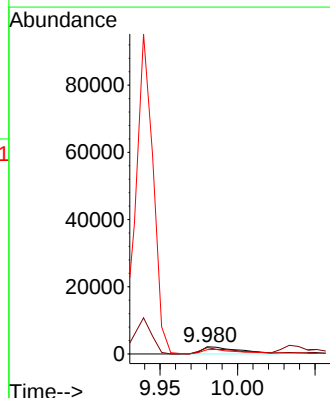
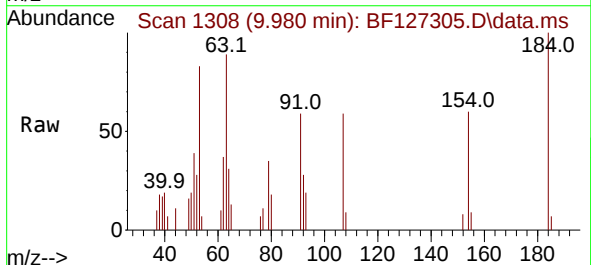
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT1-2022

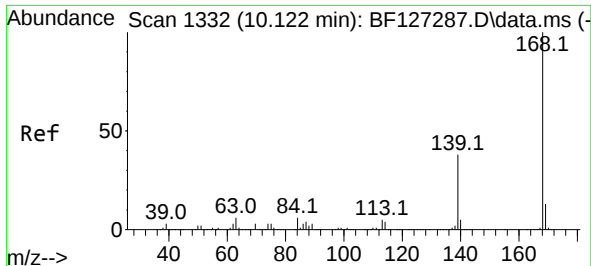
Tgt Ion:138 Resp: 20011  
Ion Ratio Lower Upper  
138 100  
108 11.9 8.6 13.0  
92 132.4 105.0 157.6



#54  
2,4-Dinitrophenol  
Concen: 1.871 ng  
RT: 9.980 min Scan# 1308  
Delta R.T. -0.001 min  
Lab File: BF127305.D  
Acq: 11 Mar 2022 17:48

Tgt Ion:184 Resp: 3653  
Ion Ratio Lower Upper  
184 100  
63 88.8 70.4 105.6  
154 60.3 49.7 74.5

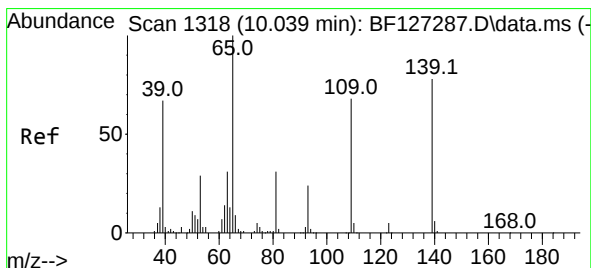
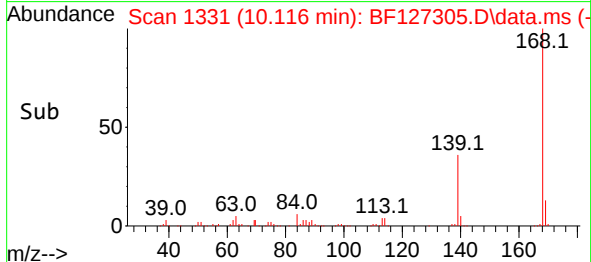
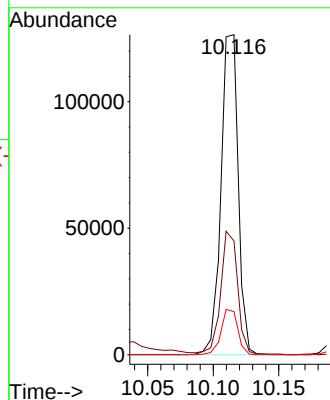
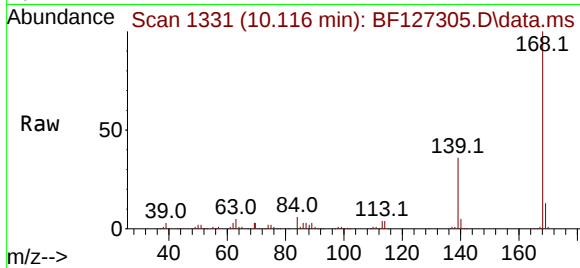




#55  
Dibenzofuran  
Concen: 5.071 ng  
RT: 10.116 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF127305.D  
Acq: 11 Mar 2022 17:48

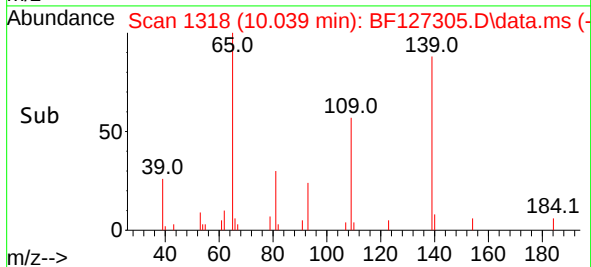
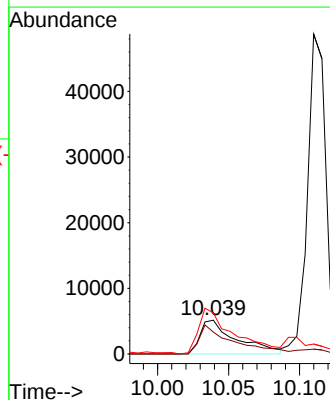
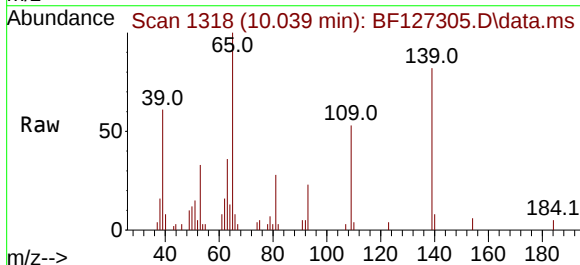
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT1-2022

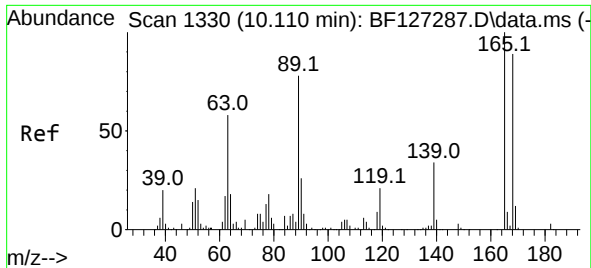
Tgt Ion:168 Resp: 115396  
Ion Ratio Lower Upper  
168 100  
139 35.6 30.6 46.0  
169 13.5 10.0 15.0



#56  
4-Nitrophenol  
Concen: 3.492 ng  
RT: 10.039 min Scan# 1318  
Delta R.T. 0.000 min  
Lab File: BF127305.D  
Acq: 11 Mar 2022 17:48

Tgt Ion:139 Resp: 9162  
Ion Ratio Lower Upper  
139 100  
109 64.9 44.1 84.1  
65 121.9 85.5 125.5

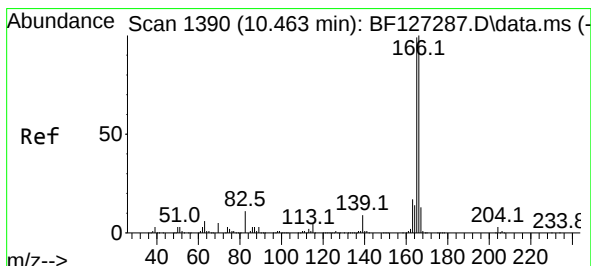
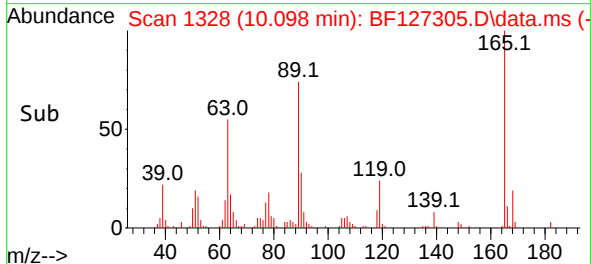
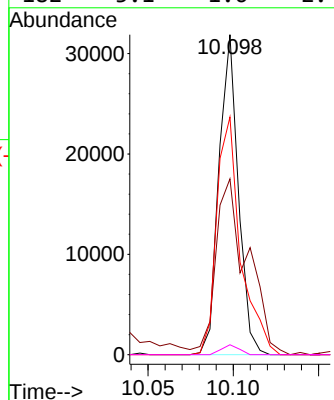
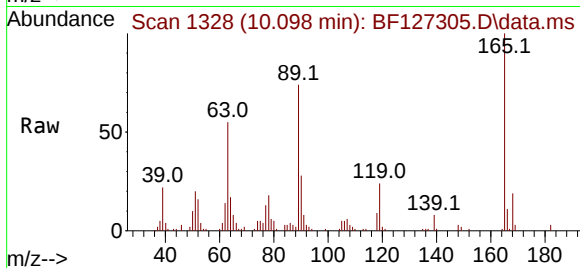




#57  
2,4-Dinitrotoluene  
Concen: 4.849 ng  
RT: 10.098 min Scan# 1328  
Delta R.T. -0.012 min  
Lab File: BF127305.D  
Acq: 11 Mar 2022 17:48

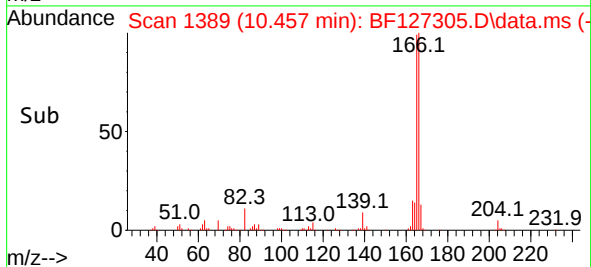
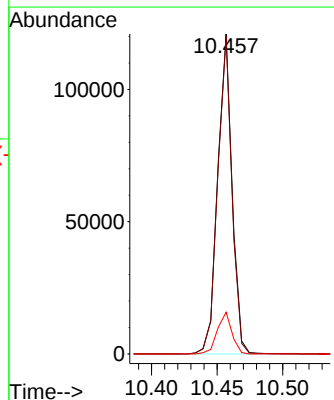
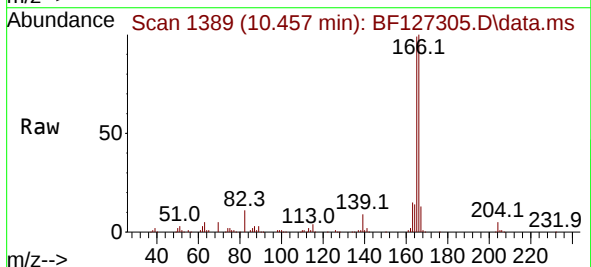
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT1-2022

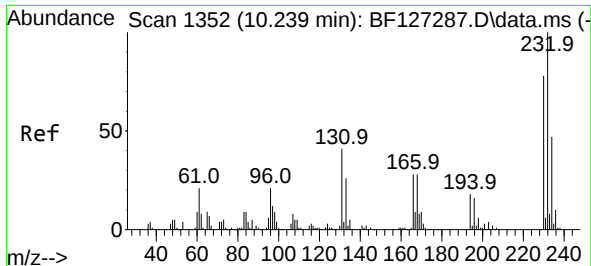
Tgt Ion:165 Resp: 25272  
Ion Ratio Lower Upper  
165 100  
63 55.0 43.0 64.6  
89 74.2 71.0 106.4  
182 3.1 1.6 2.4#



#58  
Fluorene  
Concen: 5.218 ng  
RT: 10.457 min Scan# 1389  
Delta R.T. -0.006 min  
Lab File: BF127305.D  
Acq: 11 Mar 2022 17:48

Tgt Ion:166 Resp: 92074  
Ion Ratio Lower Upper  
166 100  
165 99.3 77.7 116.5  
167 13.0 10.7 16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 4.233 ng

RT: 10.233 min Scan# 1352

Delta R.T. -0.006 min

Lab File: BF127305.D

Acq: 11 Mar 2022 17:48

Instrument :

BNA\_F

ClientSampleId :

LOQ-WATER-02-QT1-2022

Tgt Ion:232 Resp: 20384

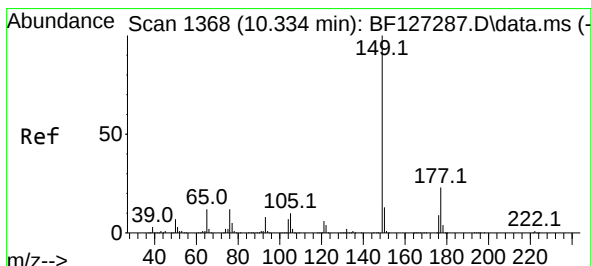
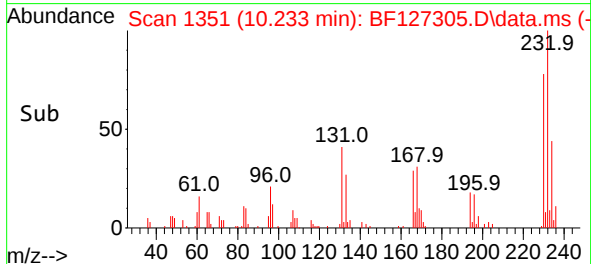
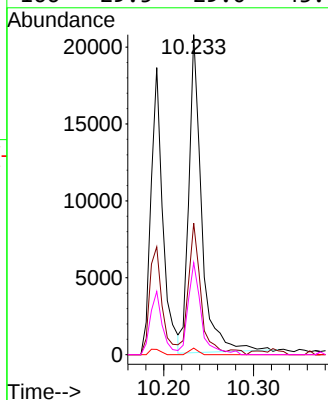
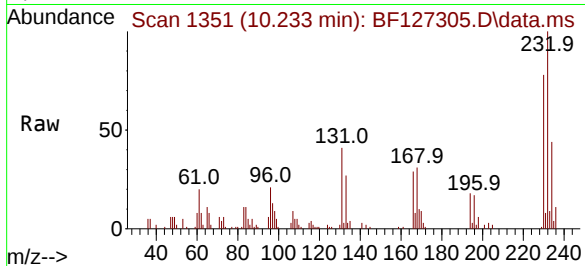
Ion Ratio Lower Upper

232 100

131 39.9 50.0 75.0#

130 1.4 2.2 3.2#

166 29.5 29.0 43.4



#60

Diethylphthalate

Concen: 4.970 ng

RT: 10.322 min Scan# 1366

Delta R.T. -0.012 min

Lab File: BF127305.D

Acq: 11 Mar 2022 17:48

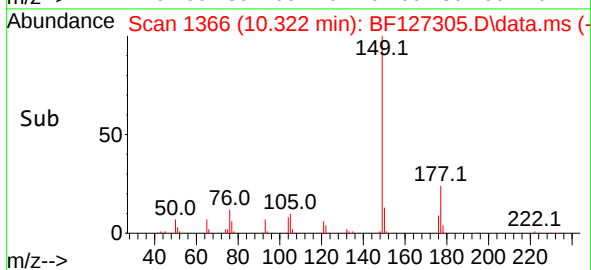
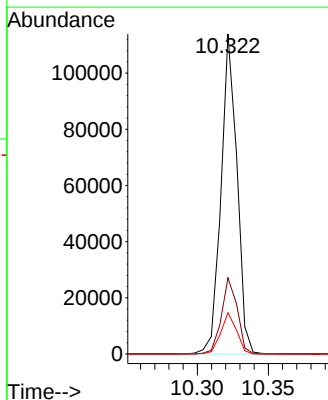
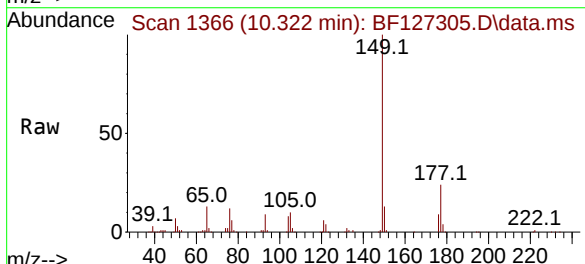
Tgt Ion:149 Resp: 88788

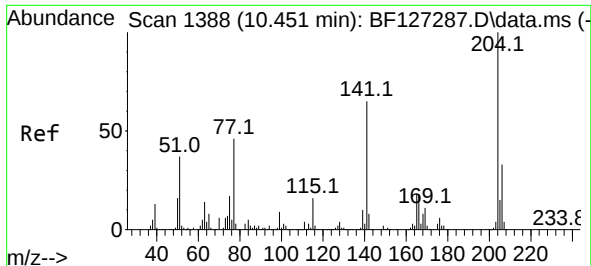
Ion Ratio Lower Upper

149 100

177 23.8 16.7 25.1

150 12.9 9.8 14.8





#61

4-Chlorophenyl-phenylether

Concen: 4.972 ng

RT: 10.445 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF127305.D

Acq: 11 Mar 2022 17:48

Instrument :

BNA\_F

ClientSampleId :

LOQ-WATER-02-QT1-2022

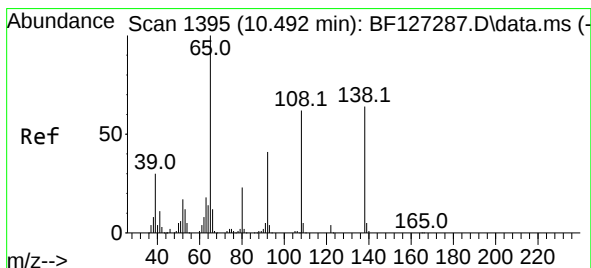
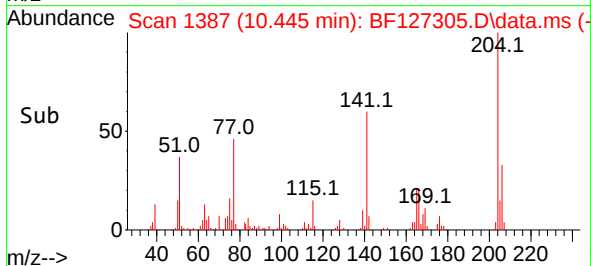
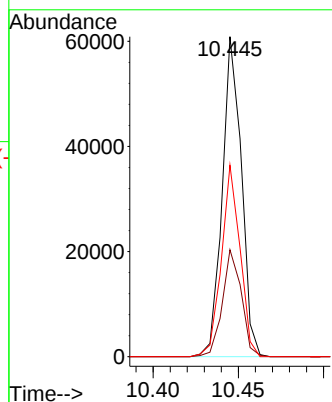
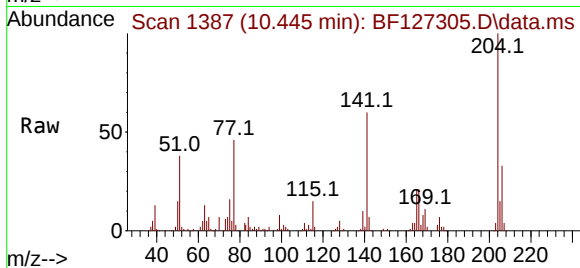
Tgt Ion:204 Resp: 47542

Ion Ratio Lower Upper

204 100

206 33.4 26.3 39.5

141 59.8 59.0 88.6



#62

4-Nitroaniline

Concen: 4.554 ng

RT: 10.475 min Scan# 1392

Delta R.T. -0.018 min

Lab File: BF127305.D

Acq: 11 Mar 2022 17:48

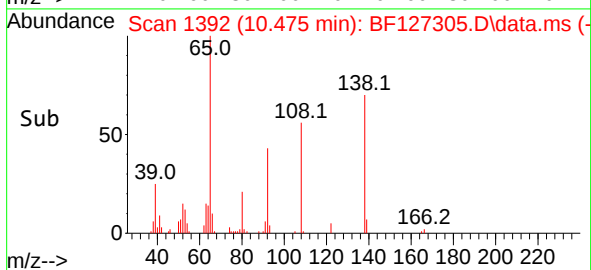
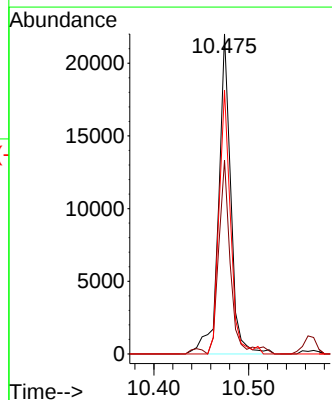
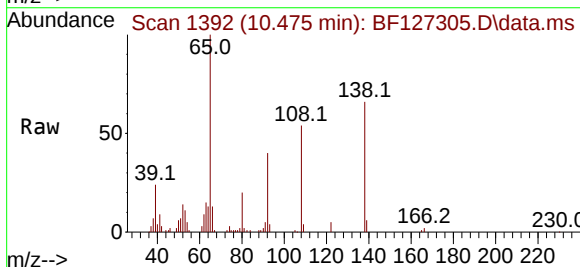
Tgt Ion:138 Resp: 19589

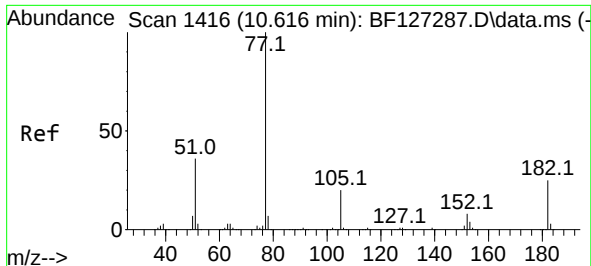
Ion Ratio Lower Upper

138 100

92 60.6 36.2 76.2

108 82.4 46.7 86.7

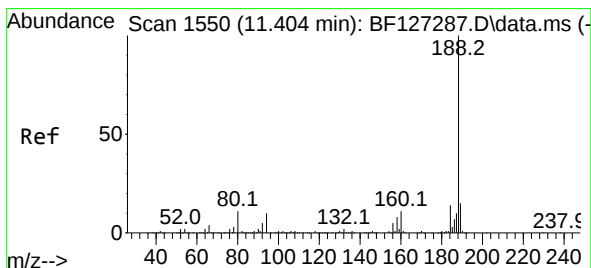
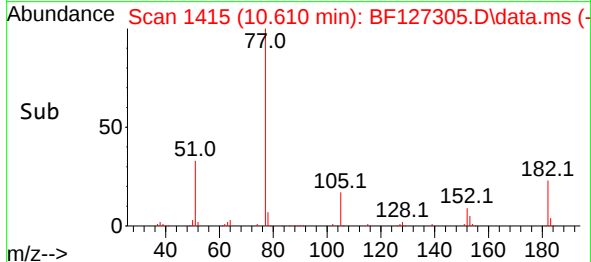
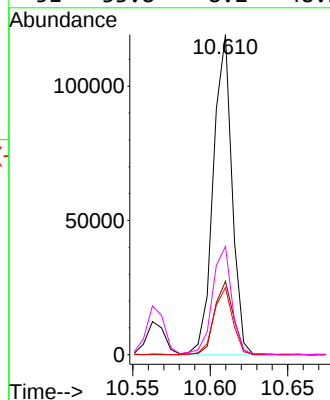
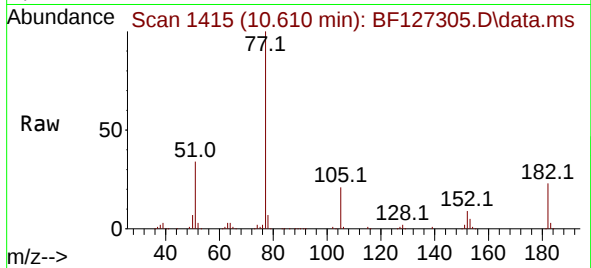




#63  
Azobenzene  
Concen: 4.889 ng  
RT: 10.610 min Scan# 1416  
Delta R.T. -0.006 min  
Lab File: BF127305.D  
Acq: 11 Mar 2022 17:48

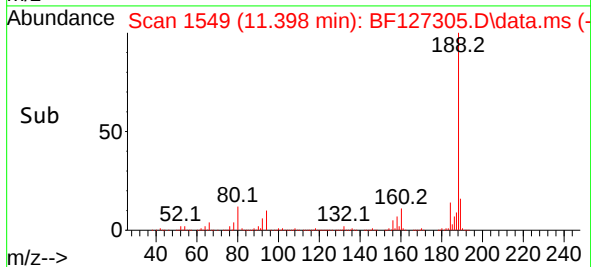
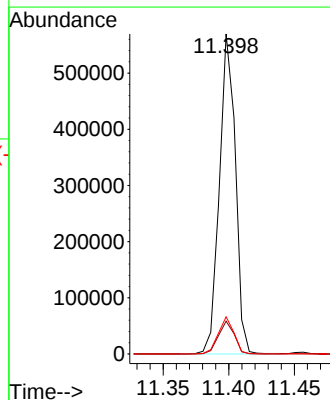
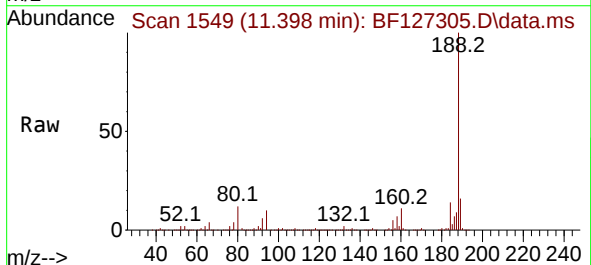
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT1-2022

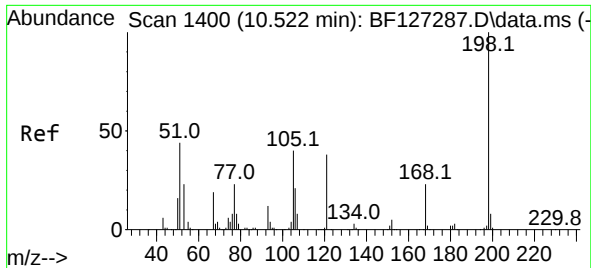
|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 100386 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 22.9    | 0.0 39.0     |
| 105 20.9    | 3.2 43.2     |
| 51 33.8     | 8.2 48.2     |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.398 min Scan# 1549  
Delta R.T. -0.006 min  
Lab File: BF127305.D  
Acq: 11 Mar 2022 17:48

|              |              |
|--------------|--------------|
| Tgt Ion: 188 | Resp: 482996 |
| Ion Ratio    | Lower Upper  |
| 188 100      |              |
| 94 10.2      | 10.1 15.1    |
| 80 11.6      | 11.8 17.6    |





#65

4,6-Dinitro-2-methylphenol

Concen: 3.148 ng

RT: 10.510 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF127305.D

Acq: 11 Mar 2022 17:48

Instrument :

BNA\_F

ClientSampleId :

LOQ-WATER-02-QT1-2022

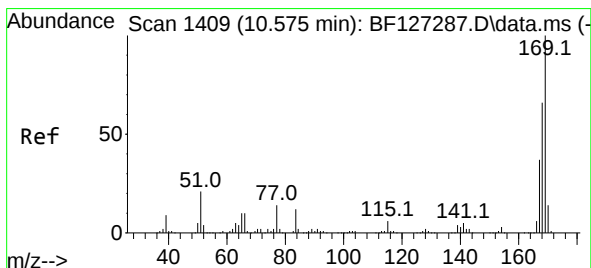
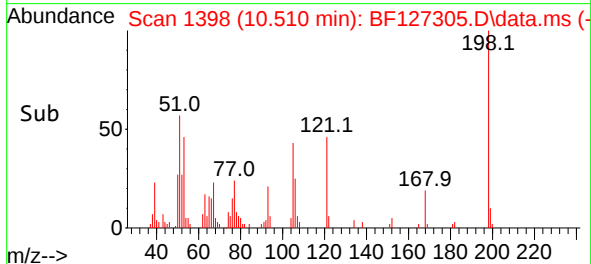
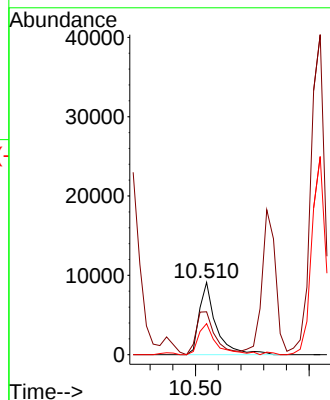
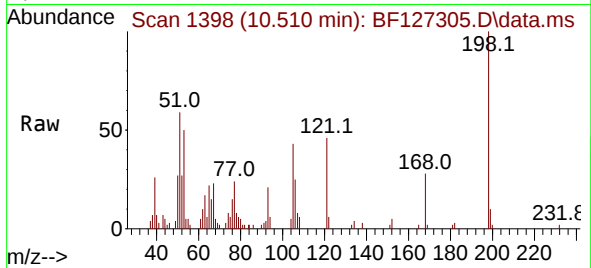
Tgt Ion:198 Resp: 9374

Ion Ratio Lower Upper

198 100

51 59.3 32.0 72.0

105 43.0 32.7 72.7



#66

n-Nitrosodiphenylamine

Concen: 5.164 ng

RT: 10.569 min Scan# 1408

Delta R.T. -0.006 min

Lab File: BF127305.D

Acq: 11 Mar 2022 17:48

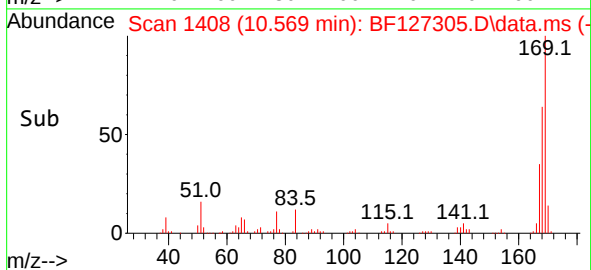
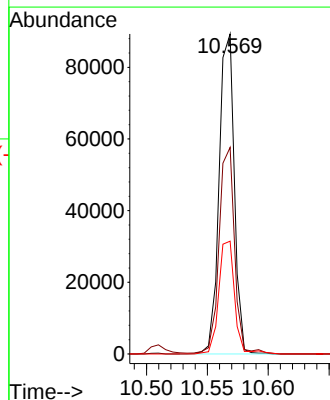
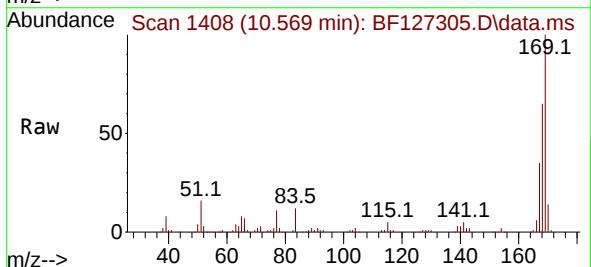
Tgt Ion:169 Resp: 77467

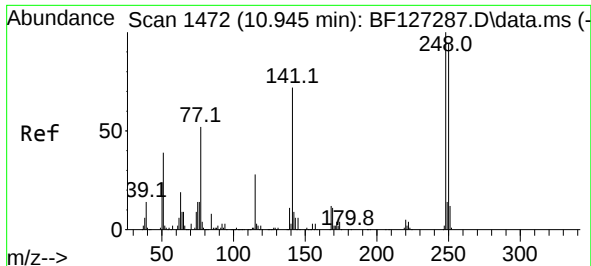
Ion Ratio Lower Upper

169 100

168 64.5 53.4 80.0

167 35.3 29.4 44.0





#67

4-Bromophenyl-phenylether

Concen: 4.857 ng

RT: 10.939 min Scan# 1471

Delta R.T. -0.006 min

Lab File: BF127305.D

Acq: 11 Mar 2022 17:48

Instrument :

BNA\_F

ClientSampleId :

LOQ-WATER-02-QT1-2022

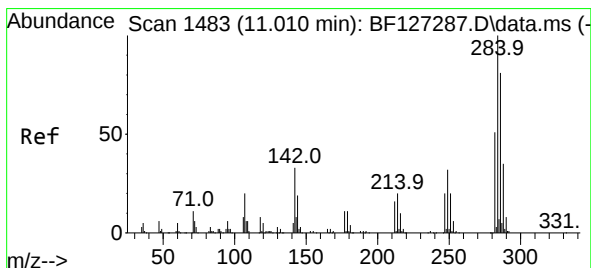
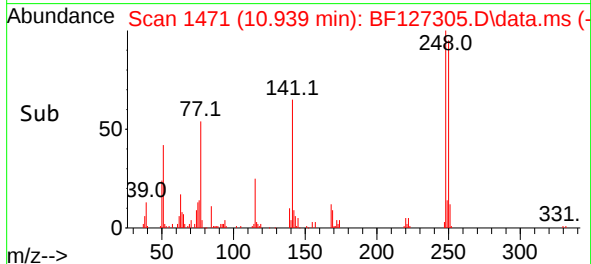
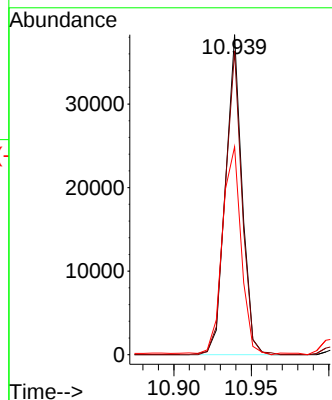
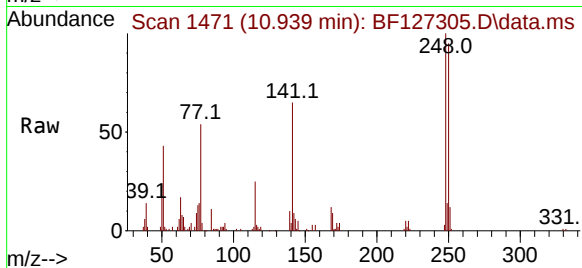
Tgt Ion:248 Resp: 28281

Ion Ratio Lower Upper

248 100

250 94.9 76.2 114.4

141 65.0 66.2 99.4#



#68

Hexachlorobenzene

Concen: 4.826 ng

RT: 11.004 min Scan# 1482

Delta R.T. -0.006 min

Lab File: BF127305.D

Acq: 11 Mar 2022 17:48

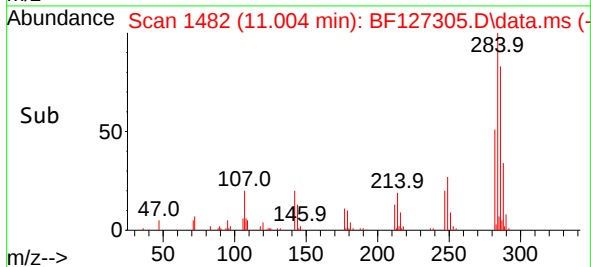
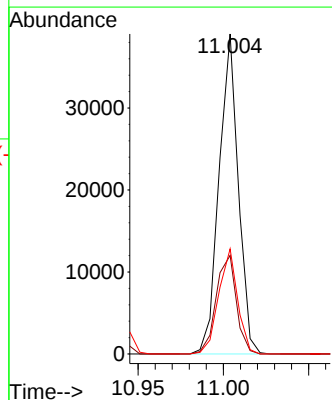
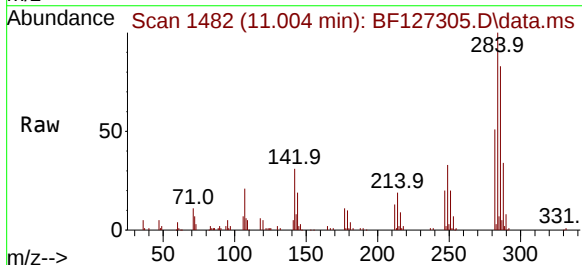
Tgt Ion:284 Resp: 30623

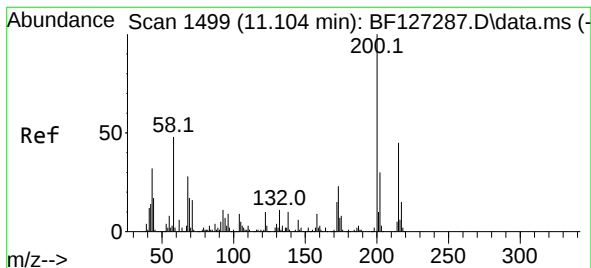
Ion Ratio Lower Upper

284 100

142 30.8 30.7 46.1

249 32.9 21.1 31.7#





#69

Atrazine

Concen: 5.222 ng

RT: 11.086 min Scan# 1499

Delta R.T. -0.018 min

Lab File: BF127305.D

Acq: 11 Mar 2022 17:48

Instrument :

BNA\_F

ClientSampleId :

LOQ-WATER-02-QT1-2022

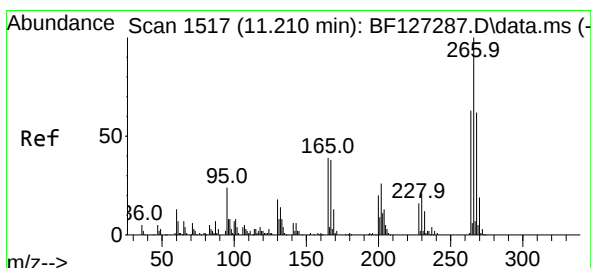
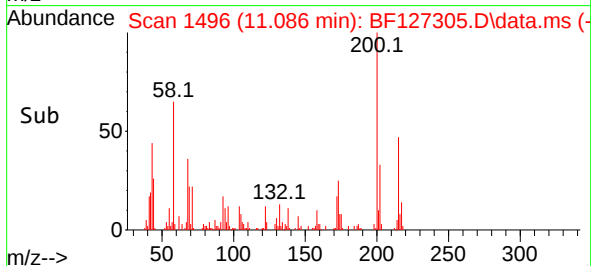
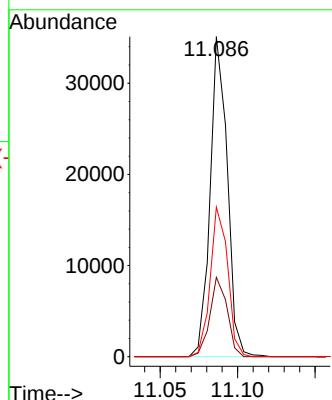
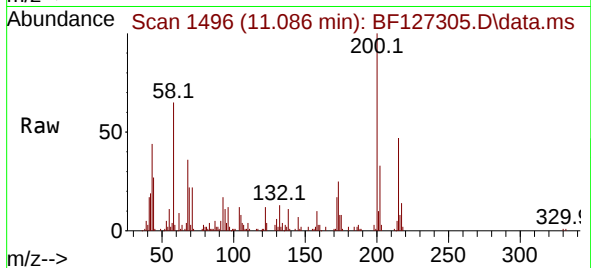
Tgt Ion:200 Resp: 27028

Ion Ratio Lower Upper

200 100

173 24.8 9.2 49.2

215 46.8 23.2 63.2



#70

Pentachlorophenol

Concen: 2.476 ng

RT: 11.210 min Scan# 1517

Delta R.T. -0.000 min

Lab File: BF127305.D

Acq: 11 Mar 2022 17:48

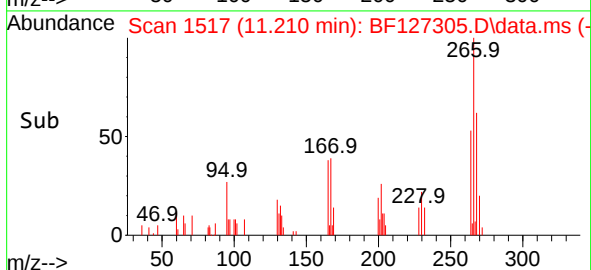
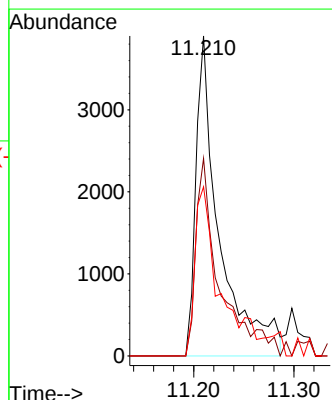
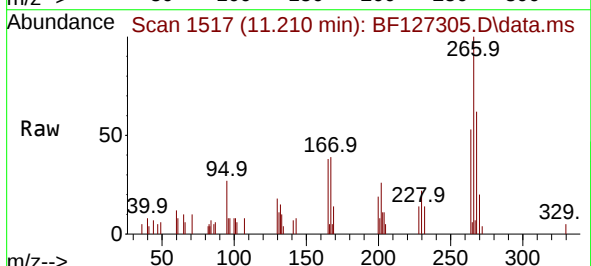
Tgt Ion:266 Resp: 6343

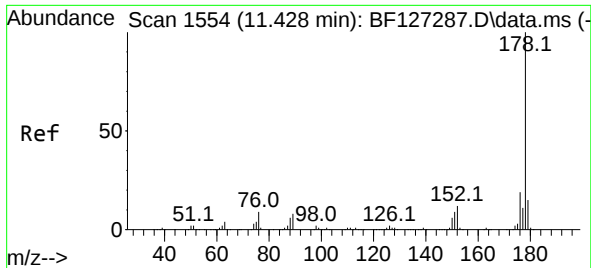
Ion Ratio Lower Upper

266 100

268 61.8 52.3 78.5

264 52.9 50.4 75.6

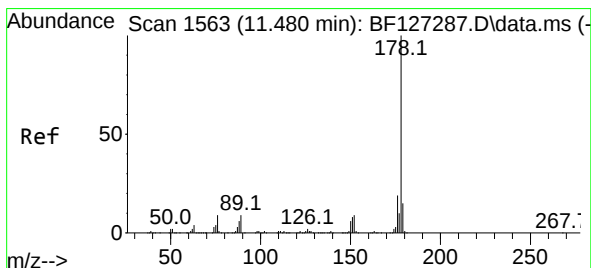
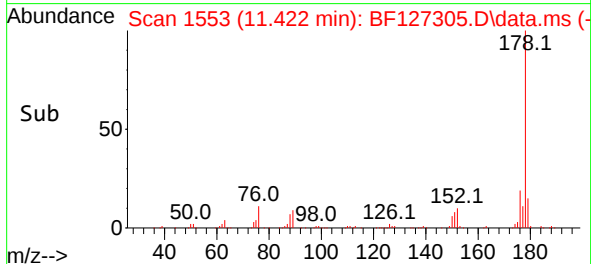
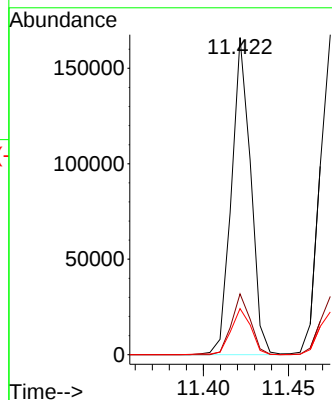
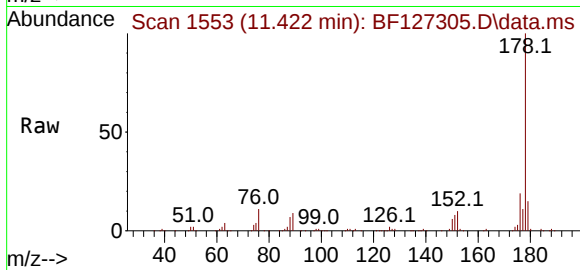




#71  
Phenanthrene  
Concen: 5.112 ng  
RT: 11.422 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF127305.D  
Acq: 11 Mar 2022 17:48

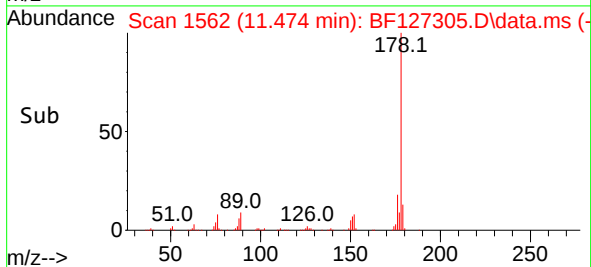
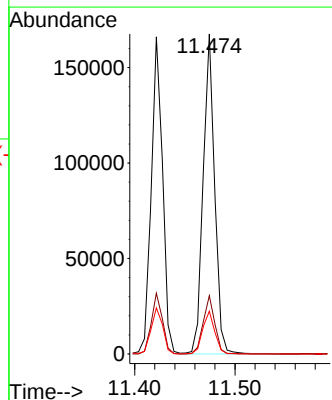
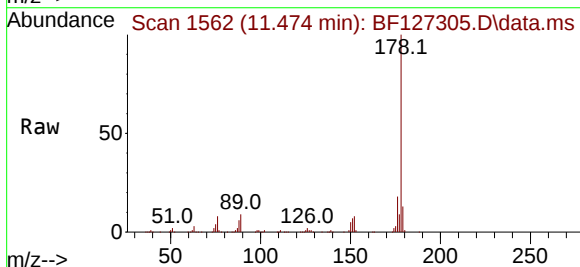
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT1-2022

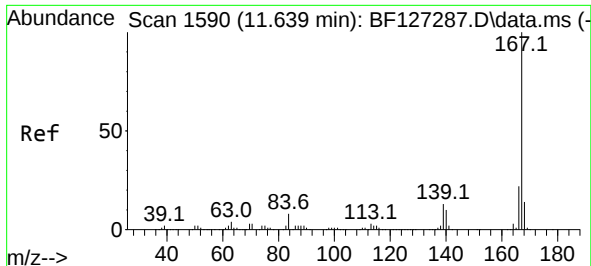
Tgt Ion:178 Resp: 130340  
Ion Ratio Lower Upper  
178 100  
176 19.2 15.7 23.5  
179 14.6 12.3 18.5



#72  
Anthracene  
Concen: 5.326 ng  
RT: 11.474 min Scan# 1562  
Delta R.T. -0.006 min  
Lab File: BF127305.D  
Acq: 11 Mar 2022 17:48

Tgt Ion:178 Resp: 134486  
Ion Ratio Lower Upper  
178 100  
176 18.2 15.0 22.6  
179 13.4 12.5 18.7

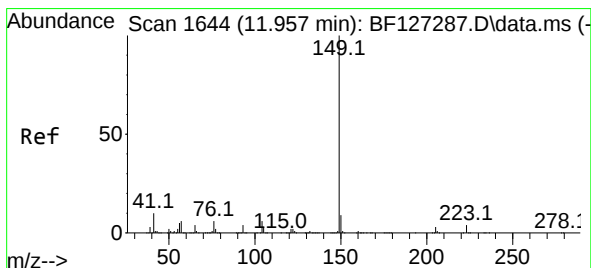
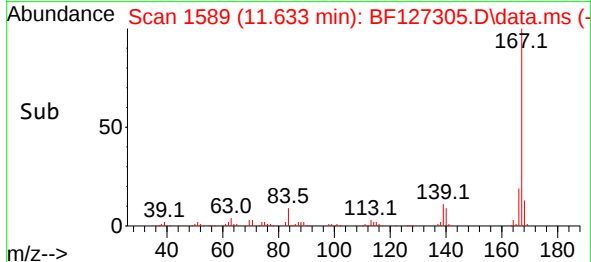
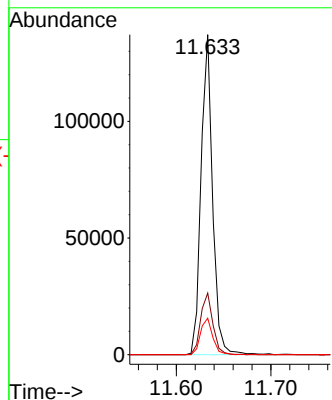
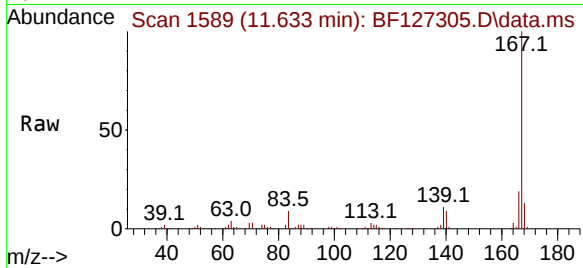




#73  
 Carbazole  
 Concen: 4.899 ng  
 RT: 11.633 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: BF127305.D  
 Acq: 11 Mar 2022 17:48

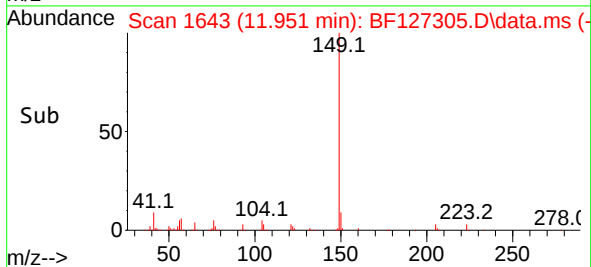
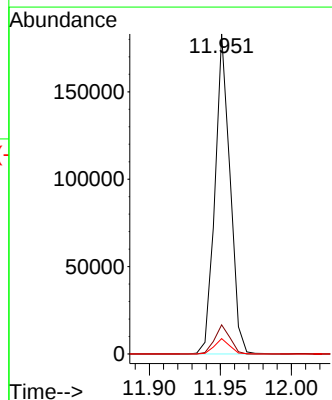
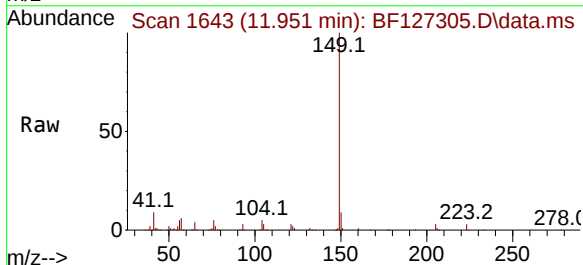
Instrument :  
 BNA\_F  
 ClientSampleId :  
 LOQ-WATER-02-QT1-2022

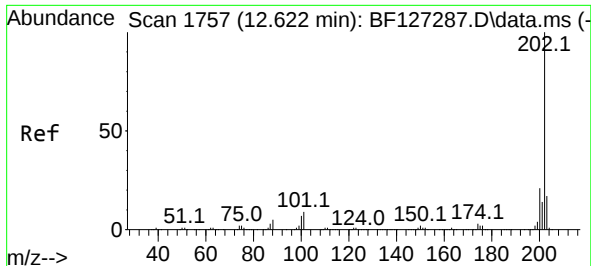
Tgt Ion:167 Resp: 116498  
 Ion Ratio Lower Upper  
 167 100  
 166 19.3 16.9 25.3  
 139 11.4 11.3 16.9



#74  
 Di-n-butylphthalate  
 Concen: 4.866 ng  
 RT: 11.951 min Scan# 1643  
 Delta R.T. -0.006 min  
 Lab File: BF127305.D  
 Acq: 11 Mar 2022 17:48

Tgt Ion:149 Resp: 135327  
 Ion Ratio Lower Upper  
 149 100  
 150 9.1 7.2 10.8  
 104 4.8 4.2 6.2

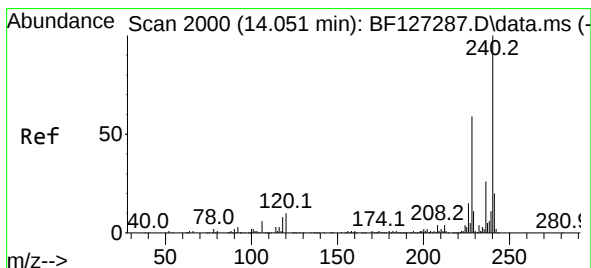
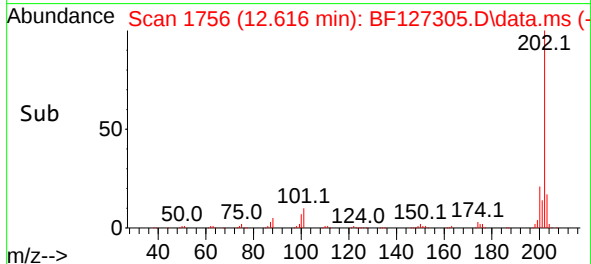
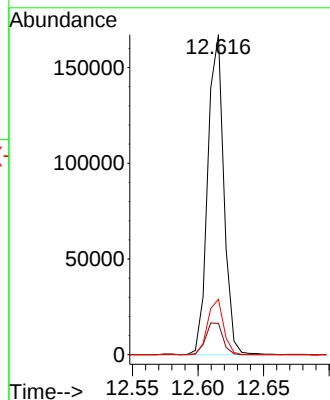
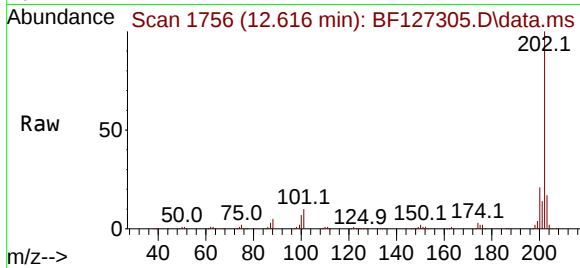




#75  
Fluoranthene  
Concen: 5.007 ng  
RT: 12.616 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BF127305.D  
Acq: 11 Mar 2022 17:48

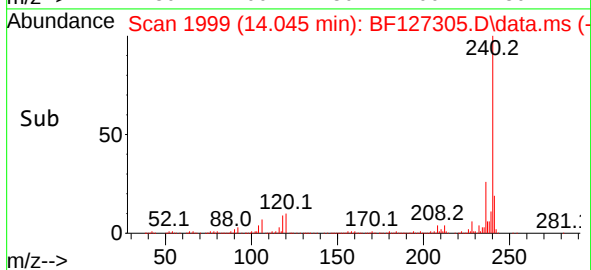
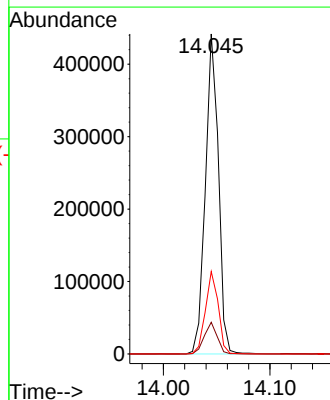
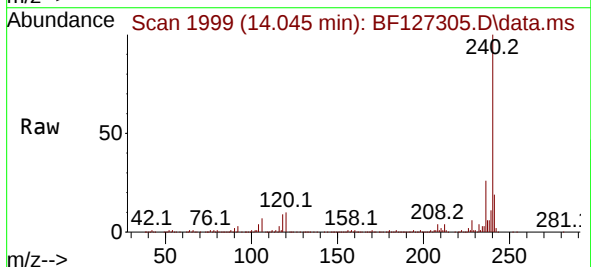
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT1-2022

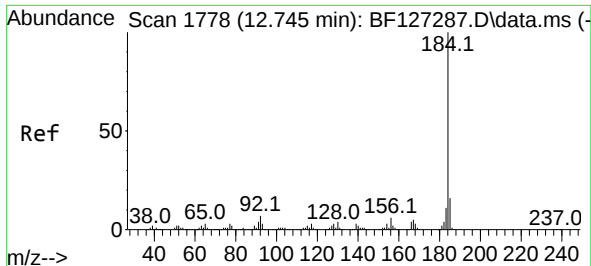
Tgt Ion:202 Resp: 142750  
Ion Ratio Lower Upper  
202 100  
101 9.8 0.0 35.7  
203 17.3 0.0 37.1



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.045 min Scan# 1999  
Delta R.T. -0.006 min  
Lab File: BF127305.D  
Acq: 11 Mar 2022 17:48

Tgt Ion:240 Resp: 377162  
Ion Ratio Lower Upper  
240 100  
120 9.9 14.4 21.6#  
236 25.8 20.5 30.7

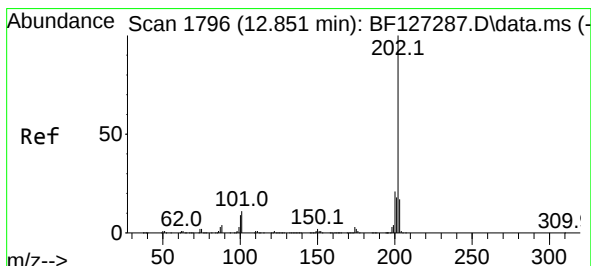
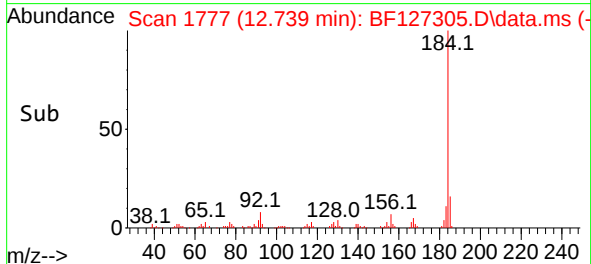
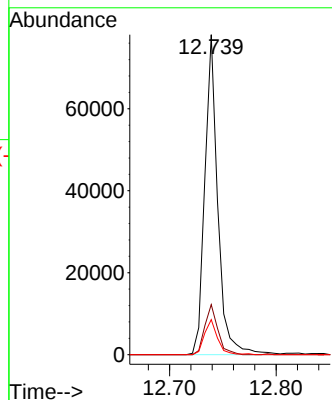
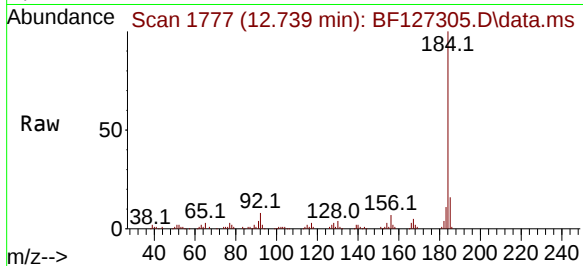




#77  
Benzidine  
Concen: 6.921 ng  
RT: 12.739 min Scan# 1777  
Delta R.T. -0.006 min  
Lab File: BF127305.D  
Acq: 11 Mar 2022 17:48

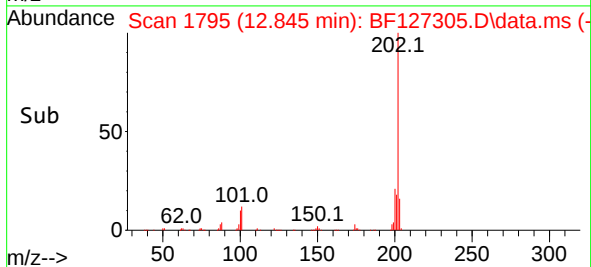
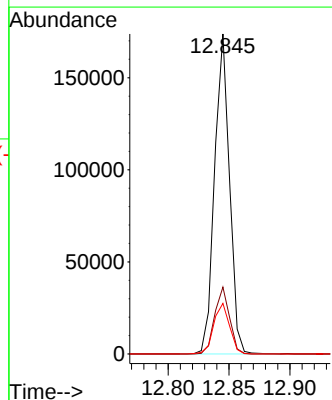
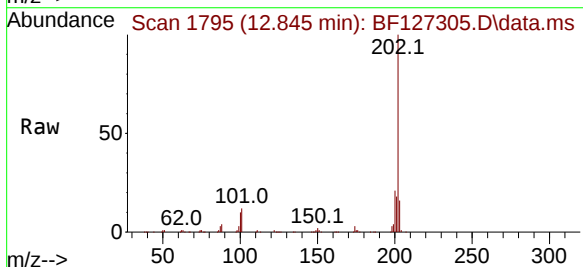
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT1-2022

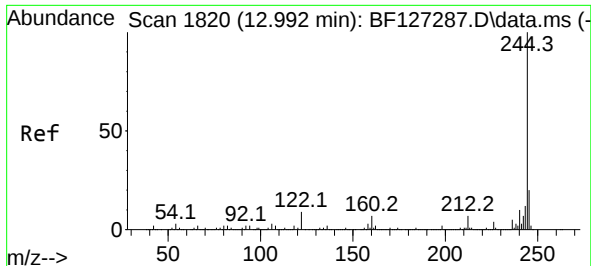
Tgt Ion:184 Resp: 66382  
Ion Ratio Lower Upper  
184 100  
185 15.6 11.8 17.8  
183 11.0 8.2 12.2



#78  
Pyrene  
Concen: 5.022 ng  
RT: 12.845 min Scan# 1795  
Delta R.T. -0.006 min  
Lab File: BF127305.D  
Acq: 11 Mar 2022 17:48

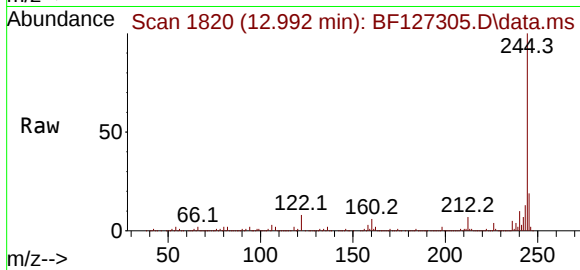
Tgt Ion:202 Resp: 147521  
Ion Ratio Lower Upper  
202 100  
200 20.9 16.6 24.8  
203 15.8 13.8 20.8



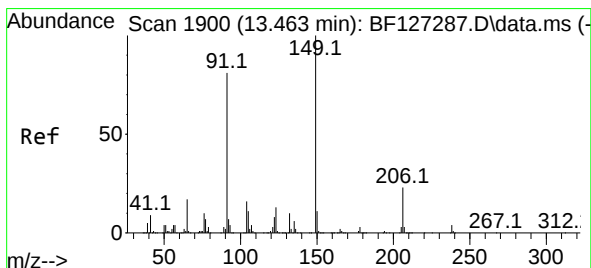
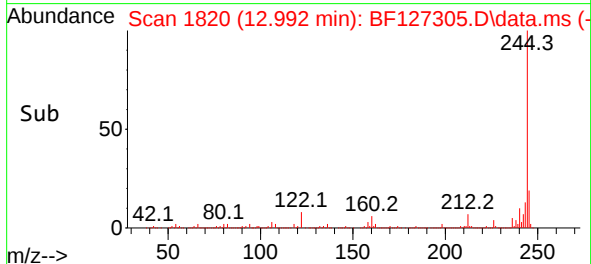
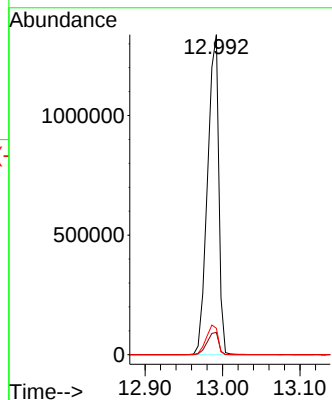


#79  
 Terphenyl-d14  
 Concen: 61.248 ng  
 RT: 12.992 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: BF127305.D  
 Acq: 11 Mar 2022 17:48

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LOQ-WATER-02-QT1-2022

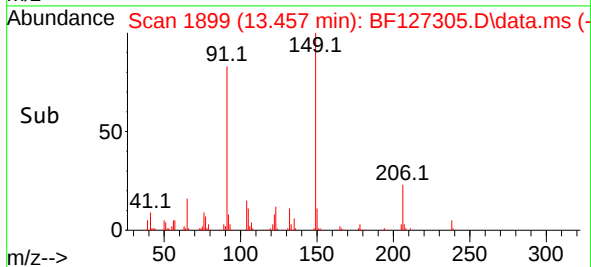
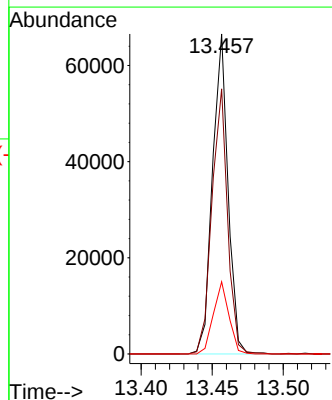
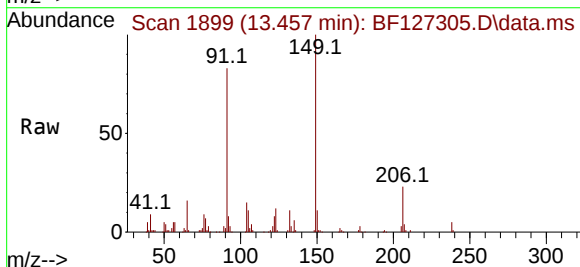


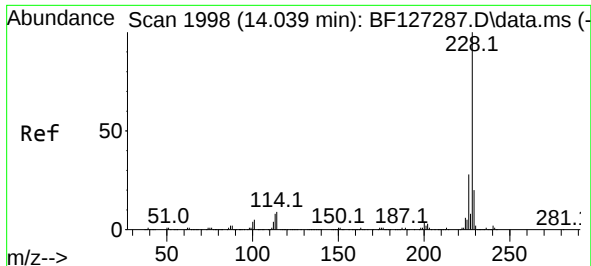
Tgt Ion:244 Resp: 1341529  
 Ion Ratio Lower Upper  
 244 100  
 212 6.9 5.0 7.4  
 122 8.3 13.3 19.9#



#80  
 Butylbenzylphthalate  
 Concen: 4.468 ng  
 RT: 13.457 min Scan# 1899  
 Delta R.T. -0.006 min  
 Lab File: BF127305.D  
 Acq: 11 Mar 2022 17:48

Tgt Ion:149 Resp: 50513  
 Ion Ratio Lower Upper  
 149 100  
 91 82.9 70.5 105.7  
 206 22.5 12.6 19.0#

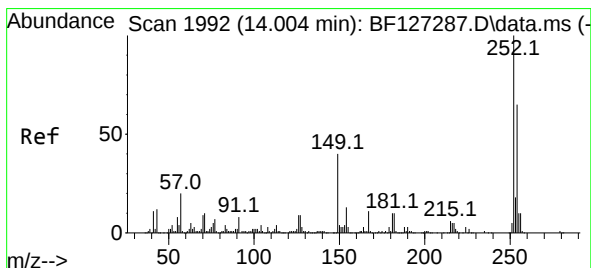
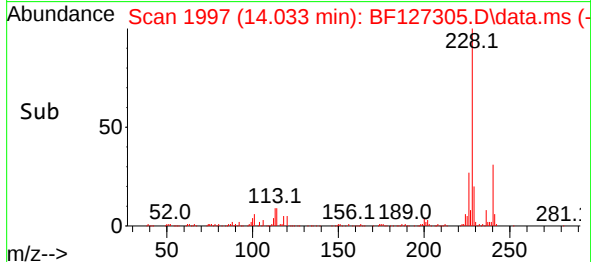
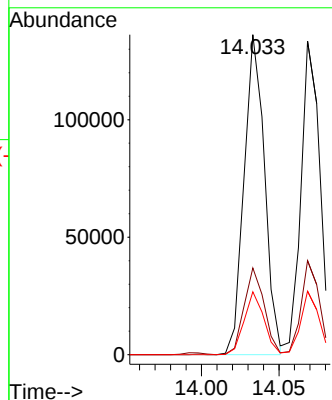
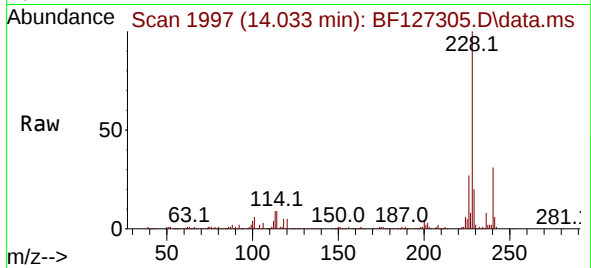




#81  
Benzo(a)anthracene  
Concen: 4.925 ng  
RT: 14.033 min Scan# 1998  
Delta R.T. -0.006 min  
Lab File: BF127305.D  
Acq: 11 Mar 2022 17:48

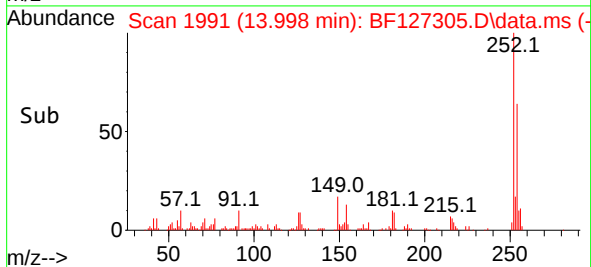
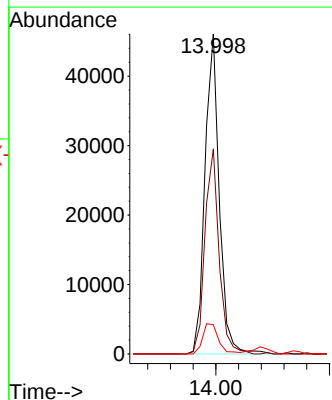
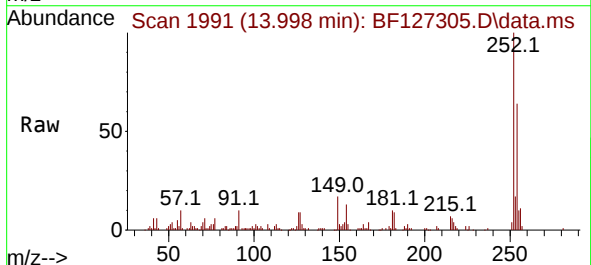
Instrument : BNA\_F  
ClientSampleId : LOQ-WATER-02-QT1-2022

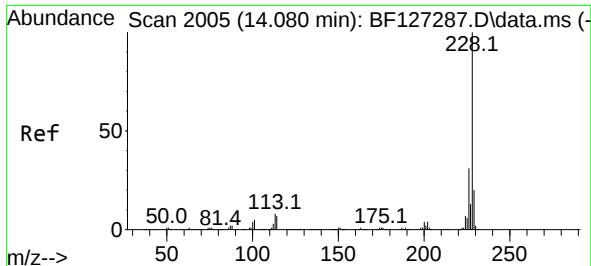
Tgt Ion:228 Resp: 125069  
Ion Ratio Lower Upper  
228 100  
226 27.1 21.4 32.0  
229 19.7 15.4 23.2



#82  
3,3'-Dichlorobenzidine  
Concen: 5.099 ng  
RT: 13.998 min Scan# 1991  
Delta R.T. -0.006 min  
Lab File: BF127305.D  
Acq: 11 Mar 2022 17:48

Tgt Ion:252 Resp: 40259  
Ion Ratio Lower Upper  
252 100  
254 64.1 51.0 76.4  
126 9.1 13.4 20.0#

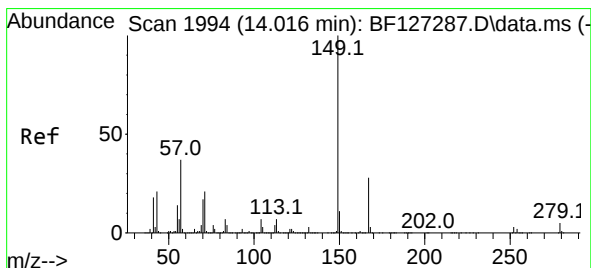
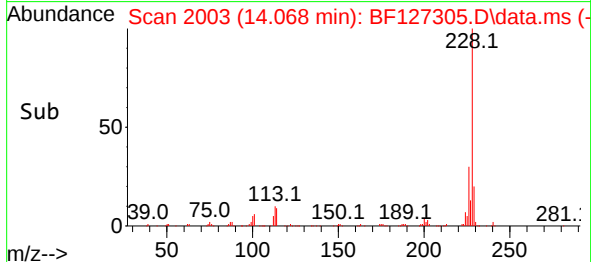
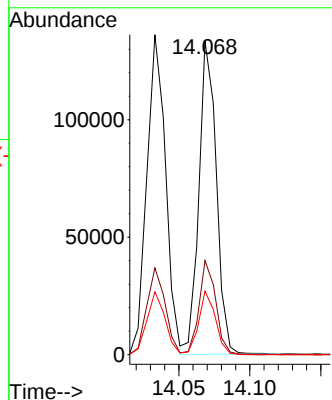
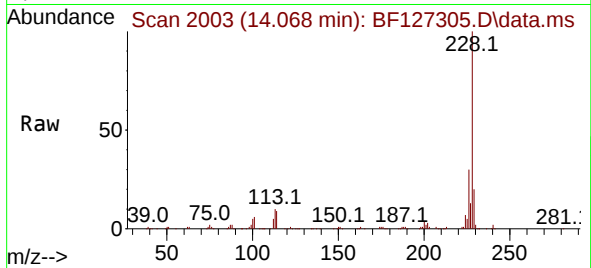




#83  
Chrysene  
Concen: 4.817 ng  
RT: 14.068 min Scan# 2005  
Delta R.T. -0.012 min  
Lab File: BF127305.D  
Acq: 11 Mar 2022 17:48

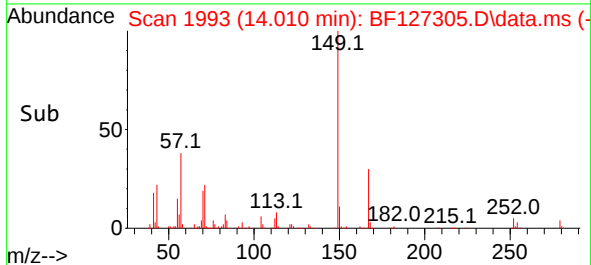
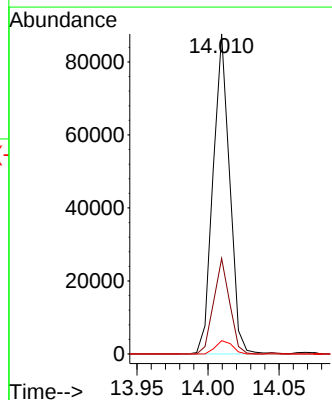
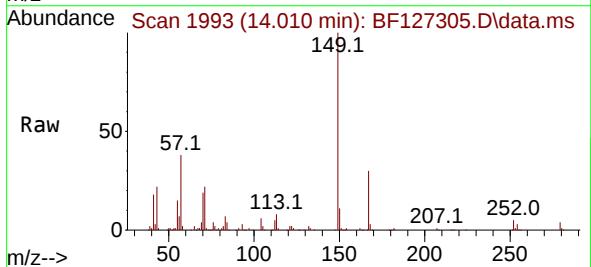
Instrument : BNA\_F  
ClientSampleId : LOQ-WATER-02-QT1-2022

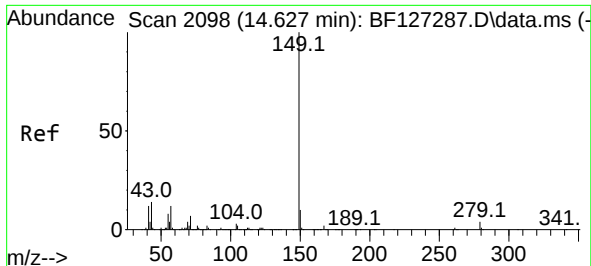
|             |              |
|-------------|--------------|
| Tgt Ion:228 | Resp: 113775 |
| Ion Ratio   | Lower Upper  |
| 228 100     |              |
| 226 30.0    | 23.7 35.5    |
| 229 20.3    | 15.5 23.3    |



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 4.673 ng  
RT: 14.010 min Scan# 1993  
Delta R.T. -0.006 min  
Lab File: BF127305.D  
Acq: 11 Mar 2022 17:48

|             |             |
|-------------|-------------|
| Tgt Ion:149 | Resp: 71123 |
| Ion Ratio   | Lower Upper |
| 149 100     |             |
| 167 29.9    | 21.4 32.2   |
| 279 4.1     | 2.4 3.6     |

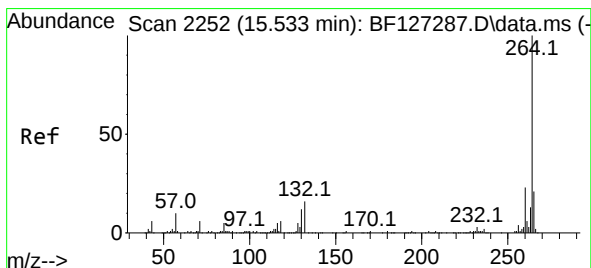
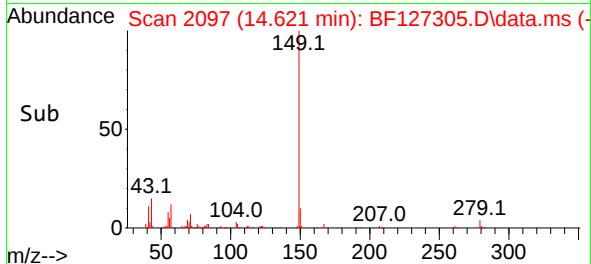
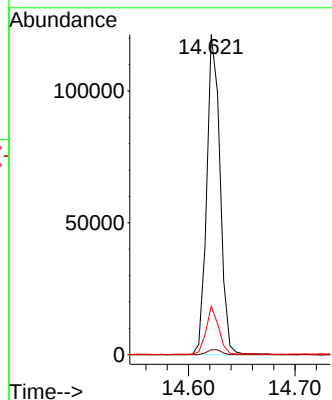
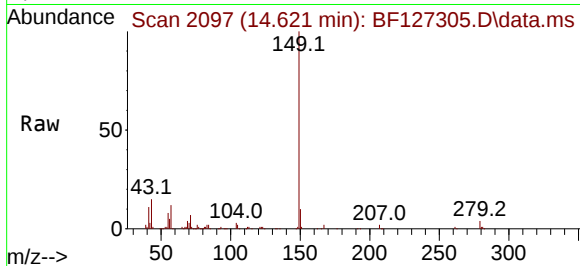




#85  
Di-n-octyl phthalate  
Concen: 4.596 ng  
RT: 14.621 min Scan# 2097  
Delta R.T. -0.006 min  
Lab File: BF127305.D  
Acq: 11 Mar 2022 17:48

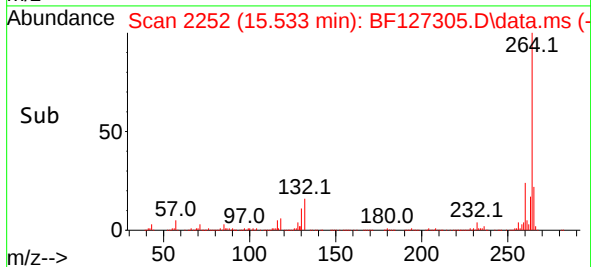
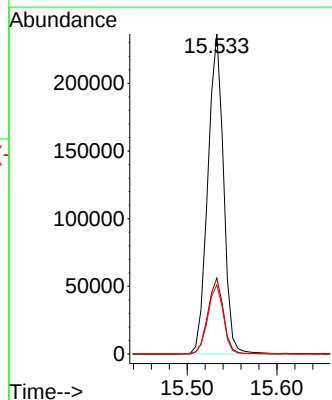
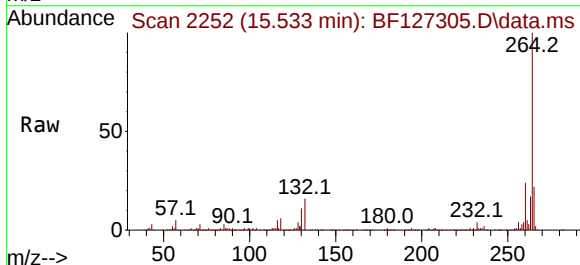
Instrument : BNA\_F  
ClientSampleId : LOQ-WATER-02-QT1-2022

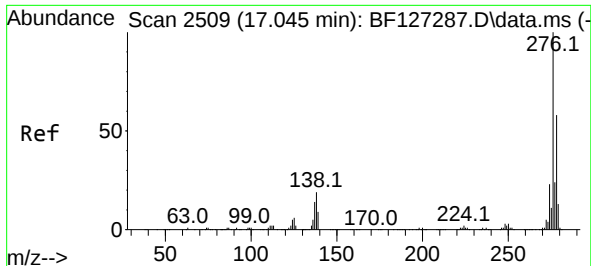
Tgt Ion:149 Resp: 105879  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.1 1.7#  
43 14.8 9.9 14.9



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.533 min Scan# 2252  
Delta R.T. -0.000 min  
Lab File: BF127305.D  
Acq: 11 Mar 2022 17:48

Tgt Ion:264 Resp: 286984  
Ion Ratio Lower Upper  
264 100  
260 23.8 19.2 28.8  
265 21.6 17.4 26.2

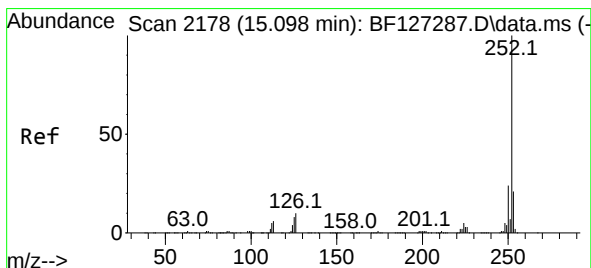
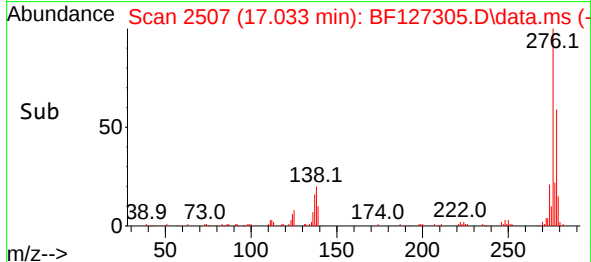
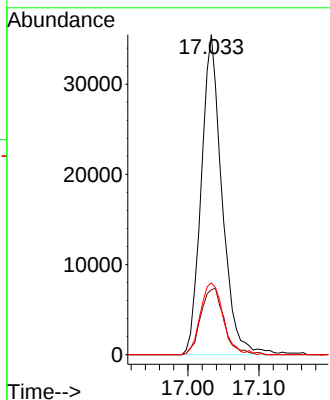
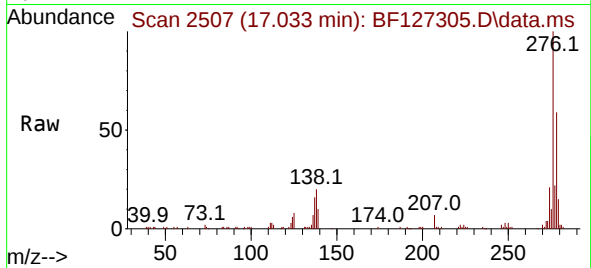




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 4.171 ng  
RT: 17.033 min Scan# 2177  
Delta R.T. -0.012 min  
Lab File: BF127305.D  
Acq: 11 Mar 2022 17:48

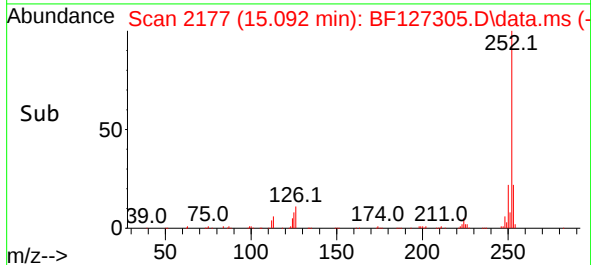
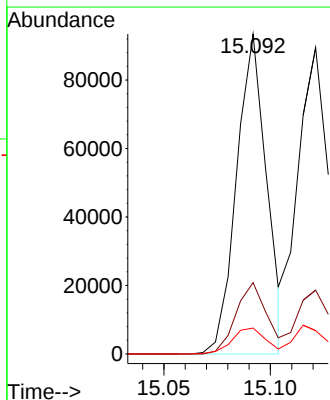
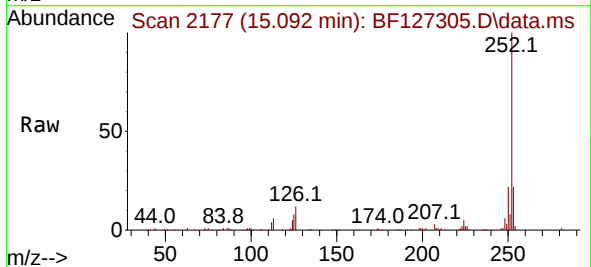
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT1-2022

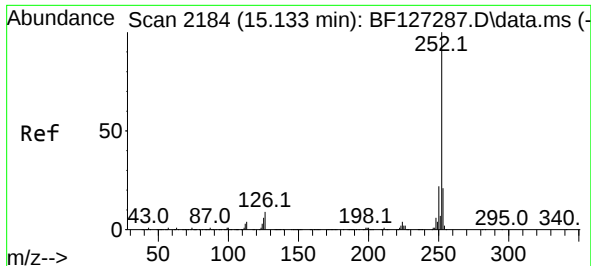
Tgt Ion:276 Resp: 72109  
Ion Ratio Lower Upper  
276 100  
138 23.2 29.2 43.8#  
277 24.7 19.8 29.8



#88  
Benzo(b)fluoranthene  
Concen: 4.888 ng  
RT: 15.092 min Scan# 2177  
Delta R.T. -0.006 min  
Lab File: BF127305.D  
Acq: 11 Mar 2022 17:48

Tgt Ion:252 Resp: 92083  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.8 26.8  
125 8.1 12.4 18.6#

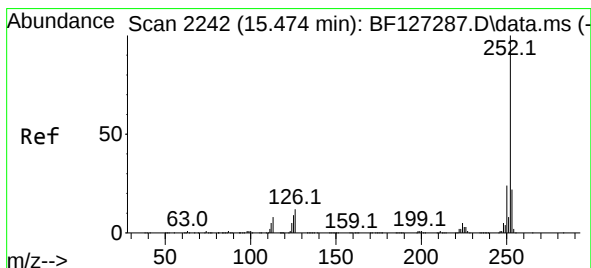
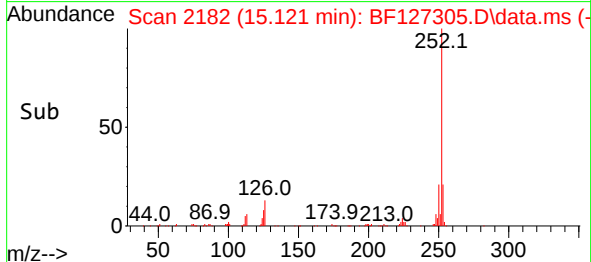
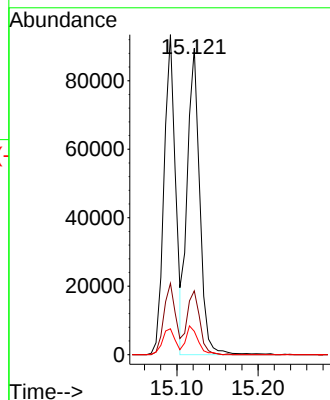
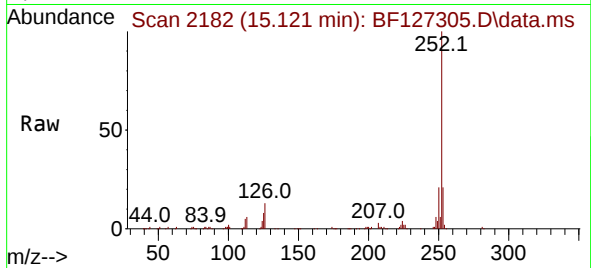




#89  
Benzo(k)fluoranthene  
Concen: 5.391 ng  
RT: 15.121 min Scan# 2184  
Delta R.T. -0.012 min  
Lab File: BF127305.D  
Acq: 11 Mar 2022 17:48

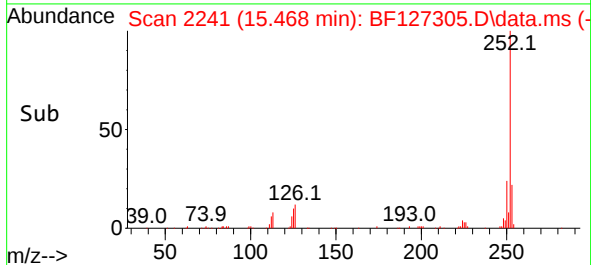
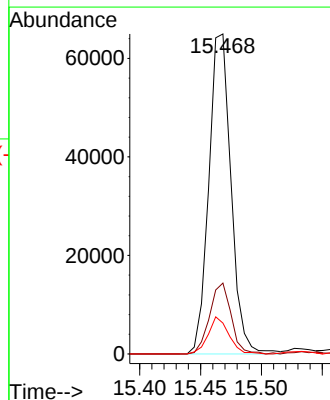
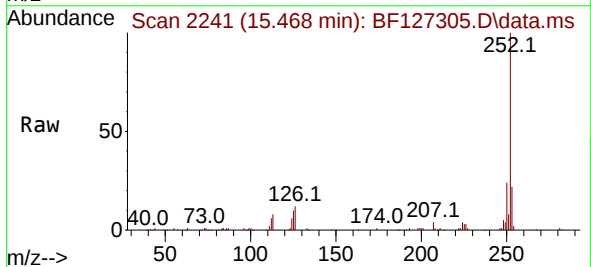
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BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT1-2022

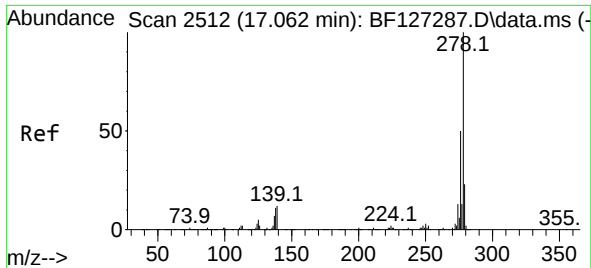
Tgt Ion:252 Resp: 95479  
Ion Ratio Lower Upper  
252 100  
253 20.9 17.5 26.3  
125 7.7 11.8 17.6#



#90  
Benzo(a)pyrene  
Concen: 5.559 ng  
RT: 15.468 min Scan# 2241  
Delta R.T. -0.006 min  
Lab File: BF127305.D  
Acq: 11 Mar 2022 17:48

Tgt Ion:252 Resp: 82465  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.1 25.7  
125 9.7 13.0 19.6#

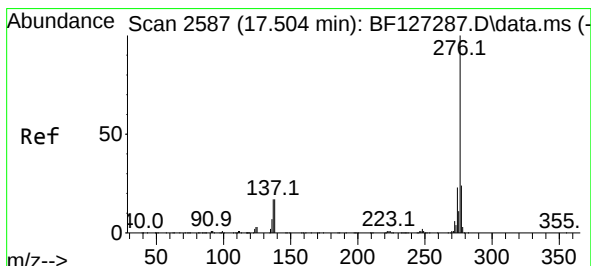
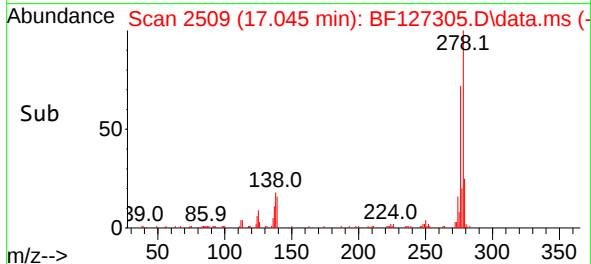
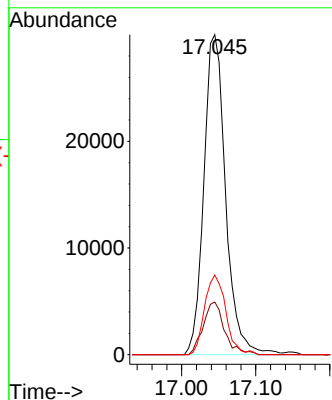
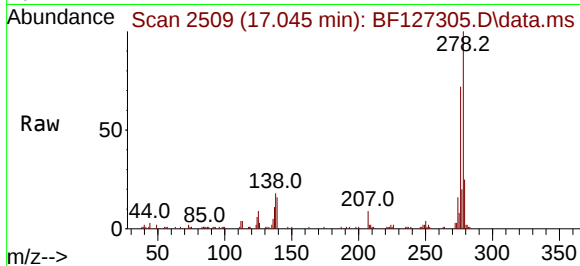




#91  
 Dibenzo(a,h)anthracene  
 Concen: 4.256 ng  
 RT: 17.045 min Scan# 2509  
 Delta R.T. -0.018 min  
 Lab File: BF127305.D  
 Acq: 11 Mar 2022 17:48

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LOQ-WATER-02-QT1-2022

Tgt Ion:278 Resp: 61233  
 Ion Ratio Lower Upper  
 278 100  
 139 16.5 18.0 27.0#  
 279 24.9 18.6 27.8



#92  
 Benzo(g,h,i)perylene  
 Concen: 4.263 ng  
 RT: 17.486 min Scan# 2584  
 Delta R.T. -0.018 min  
 Lab File: BF127305.D  
 Acq: 11 Mar 2022 17:48

Tgt Ion:276 Resp: 59838  
 Ion Ratio Lower Upper  
 276 100  
 277 24.0 18.5 27.7  
 138 18.4 25.9 38.9#

