

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF011821\  
 Data File : BF122995.D  
 Acq On : 18 Jan 2021 19:29  
 Operator : JU/CG  
 Sample : M1090-03MS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 BORE-2-1FT-7FTMS

Manual Integrations  
 APPROVED

mohammad  
 1/20/2021 2:15:30 PM

Quant Time: Jan 18 23:49:52 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF011621.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 18 13:14:08 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.898  | 152  | 179687   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.181  | 136  | 722112   | 20.00  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.939  | 164  | 288818   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.427 | 188  | 504958   | 20.00  | ng    | # 0.00   |
| 76) Chrysene-d12              | 14.074 | 240  | 386444   | 20.00  | ng    | # 0.00   |
| 86) Perylene-d12              | 15.551 | 264  | 353764   | 20.00  | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.534  | 112  | 1443231  | 121.41 | ng    | 0.02     |
| 7) Phenol-d6                  | 6.528  | 99   | 1941890  | 121.55 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.463  | 82   | 1319578  | 94.04  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.727 | 330  | 409788   | 125.47 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.257  | 172  | 1618420  | 78.47  | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.015 | 244  | 1850348  | 87.79  | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.922  | 88   | 225054   | 38.98  | ng    | # 65     |
| 3) Pyridine                   | 3.598  | 79   | 489647   | 31.34  | ng    | # 63     |
| 4) n-Nitrosodimethylamine     | 3.546  | 42   | 415781   | 59.61  | ng    | # 68     |
| 6) Aniline                    | 6.563  | 93   | 248997   | 12.92  | ng    | 94       |
| 8) 2-Chlorophenol             | 6.686  | 128  | 688183   | 54.82  | ng    | 94       |
| 10) Phenol                    | 6.539  | 94   | 777543m  | 48.46  | ng    |          |
| 11) bis(2-Chloroethyl)ether   | 6.634  | 93   | 669039   | 51.50  | ng    | 89       |
| 12) 1,3-Dichlorobenzene       | 6.839  | 146  | 608026   | 41.85  | ng    | # 94     |
| 13) 1,4-Dichlorobenzene       | 6.916  | 146  | 603822   | 41.28  | ng    | 96       |
| 14) 1,2-Dichlorobenzene       | 7.069  | 146  | 611928   | 44.84  | ng    | 98       |
| 15) Benzyl Alcohol            | 7.034  | 79   | 608408   | 54.03  | ng    | 96       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.175  | 45   | 1257472  | 55.54  | ng    | 89       |
| 17) 2-Methylphenol            | 7.145  | 107  | 531590   | 49.92  | ng    | 98       |
| 18) Hexachloroethane          | 7.410  | 117  | 236773   | 44.78  | ng    | # 85     |
| 19) n-Nitroso-di-n-propyla... | 7.316  | 70   | 488839   | 51.65  | ng    | # 84     |
| 20) 3+4-Methylphenols         | 7.298  | 107  | 648246   | 48.67  | ng    | 93       |
| 22) Acetophenone              | 7.304  | 105  | 852928   | 46.97  | ng    | # 87     |
| 24) Nitrobenzene              | 7.481  | 77   | 728698   | 50.67  | ng    | 95       |
| 25) Isophorone                | 7.722  | 82   | 1244772  | 49.72  | ng    | 98       |
| 26) 2-Nitrophenol             | 7.792  | 139  | 310876   | 47.85  | ng    | 91       |
| 27) 2,4-Dimethylphenol        | 7.828  | 122  | 558608   | 53.99  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.928  | 93   | 758731   | 44.83  | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 8.033  | 162  | 475496   | 44.02  | ng    | 95       |
| 30) 1,2,4-Trichlorobenzene    | 8.122  | 180  | 462932   | 40.23  | ng    | 97       |
| 31) Naphthalene               | 8.204  | 128  | 1666730  | 44.89  | ng    | 100      |
| 32) Benzoic acid              | 7.945  | 122  | 393315   | 45.25  | ng    | 91       |
| 33) 4-Chloroaniline           | 8.239  | 127  | 138002   | 8.52   | ng    | # 93     |
| 34) Hexachlorobutadiene       | 8.322  | 225  | 248112   | 39.45  | ng    | 99       |
| 35) Caprolactam               | 8.616  | 113  | 120181m  | 32.74  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.728  | 107  | 521530   | 45.40  | ng    | 93       |
| 37) 2-Methylnaphthalene       | 8.898  | 142  | 1046314  | 40.86  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.992  | 142  | 871825   | 36.05  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.063  | 216  | 362410   | 45.71  | ng    | # 95     |
| 41) Hexachlorocyclopentadiene | 9.051  | 237  | 394613   | 102.45 | ng    | 96       |
| 43) 2,4,6-Trichlorophenol     | 9.169  | 196  | 289374   | 48.96  | ng    | 100      |
| 44) 2,4,5-Trichlorophenol     | 9.210  | 196  | 265783   | 44.32  | ng    | # 90     |

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Manual Integrations  
 APPROVED

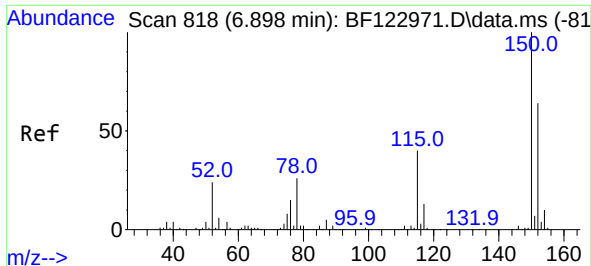
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Quant Time: Jan 18 23:49:52 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF011621.M  
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| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 46) 1,1'-Biphenyl             | 9.357  | 154  | 1071733  | 45.63  | ng    | 97       |
| 47) 2-Chloronaphthalene       | 9.386  | 162  | 845985   | 43.17  | ng    | 99       |
| 48) 2-Nitroaniline            | 9.475  | 65   | 351597   | 52.64  | ng #  | 72       |
| 49) Acenaphthylene            | 9.804  | 152  | 1343459  | 46.99  | ng    | 99       |
| 50) Dimethylphthalate         | 9.663  | 163  | 1051882  | 46.92  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.716  | 165  | 230318   | 46.97  | ng #  | 57       |
| 52) Acenaphthene              | 9.975  | 154  | 942104   | 50.98  | ng    | 99       |
| 53) 3-Nitroaniline            | 9.880  | 138  | 104421   | 17.23  | ng #  | 82       |
| 54) 2,4-Dinitrophenol         | 9.992  | 184  | 205066   | 73.50  | ng #  | 74       |
| 55) Dibenzofuran              | 10.145 | 168  | 1184807  | 45.99  | ng    | 93       |
| 56) 4-Nitrophenol             | 10.045 | 139  | 420114   | 94.04  | ng #  | 72       |
| 57) 2,4-Dinitrotoluene        | 10.122 | 165  | 305682   | 48.47  | ng #  | 74       |
| 58) Fluorene                  | 10.492 | 166  | 994449   | 49.35  | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.257 | 232  | 215611   | 45.05  | ng #  | 77       |
| 60) Diethylphthalate          | 10.363 | 149  | 1071548  | 49.18  | ng    | 97       |
| 61) 4-Chlorophenyl-phenyle... | 10.480 | 204  | 408550   | 45.09  | ng #  | 89       |
| 62) 4-Nitroaniline            | 10.504 | 138  | 232507   | 38.89  | ng    | 98       |
| 63) Azobenzene                | 10.639 | 77   | 1185345  | 54.38  | ng    | 86       |
| 65) 4,6-Dinitro-2-methylph... | 10.527 | 198  | 142613   | 50.15  | ng #  | 43       |
| 66) n-Nitrosodiphenylamine    | 10.598 | 169  | 868645   | 46.08  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.969 | 248  | 260844   | 42.25  | ng #  | 88       |
| 68) Hexachlorobenzene         | 11.039 | 284  | 320718   | 45.43  | ng #  | 93       |
| 69) Atrazine                  | 11.121 | 200  | 235627   | 46.95  | ng    | 94       |
| 70) Pentachlorophenol         | 11.227 | 266  | 391696   | 105.49 | ng    | 99       |
| 71) Phenanthrene              | 11.451 | 178  | 1421223  | 46.97  | ng    | 99       |
| 72) Anthracene                | 11.504 | 178  | 1417584  | 47.40  | ng    | 100      |
| 73) Carbazole                 | 11.657 | 167  | 1533998  | 52.91  | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.992 | 149  | 1747535  | 50.94  | ng    | 99       |
| 75) Fluoranthene              | 12.645 | 202  | 1487964  | 48.61  | ng    | 98       |
| 77) Benzidine                 | 12.757 | 184  | 91505    | 8.94   | ng    | 99       |
| 78) Pyrene                    | 12.874 | 202  | 1521077  | 49.16  | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.492 | 149  | 764423   | 55.12  | ng    | 91       |
| 81) Benzo(a)anthracene        | 14.062 | 228  | 1218386  | 47.11  | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 14.021 | 252  | 210801   | 24.90  | ng #  | 96       |
| 83) Chrysene                  | 14.104 | 228  | 1225376  | 46.98  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.051 | 149  | 924410   | 50.00  | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.668 | 149  | 1608669  | 53.79  | ng #  | 85       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.045 | 276  | 1161916  | 52.13  | ng #  | 93       |
| 88) Benzo(b)fluoranthene      | 15.121 | 252  | 1282107  | 53.70  | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 15.151 | 252  | 1243184  | 50.79  | ng    | 98       |
| 90) Benzo(a)pyrene            | 15.492 | 252  | 1125230  | 52.17  | ng #  | 97       |
| 91) Dibenzo(a,h)anthracene    | 17.068 | 278  | 947574   | 51.89  | ng #  | 96       |
| 92) Benzo(g,h,i)perylene      | 17.498 | 276  | 1264067  | 71.51  | ng #  | 94       |

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





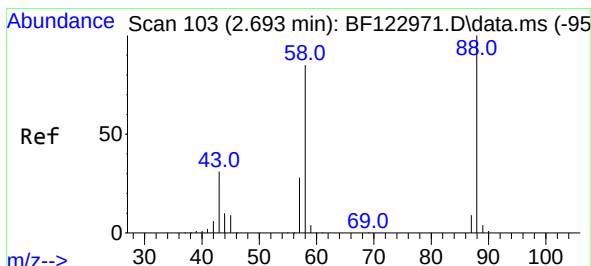
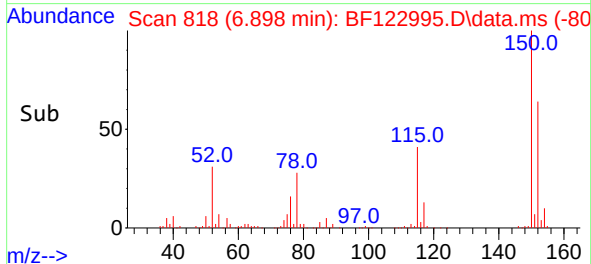
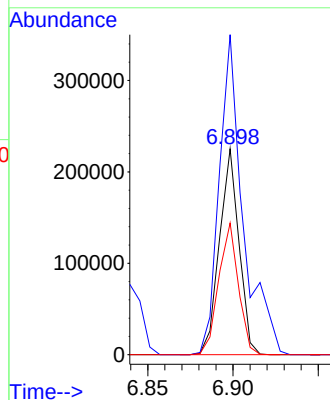
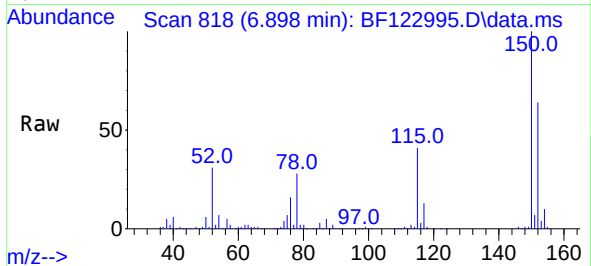
#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.898 min Scan# 818  
Delta R.T. 0.000 min  
Lab File: BF122995.D  
Acq: 18 Jan 2021 19:29

Tgt Ion:152 Resp: 179687  
Ion Ratio Lower Upper  
152 100  
150 155.3 125.8 188.6  
115 63.9 49.3 73.9

Instrument :  
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BORE-2-1FT-7FTMS

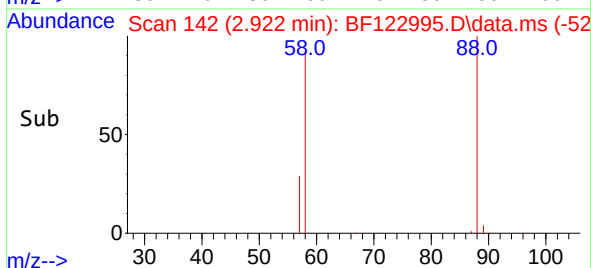
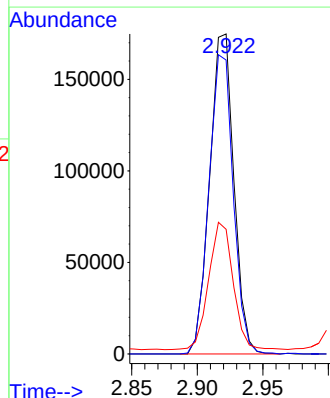
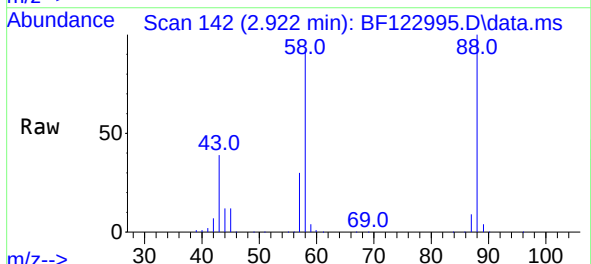
Manual Integrations  
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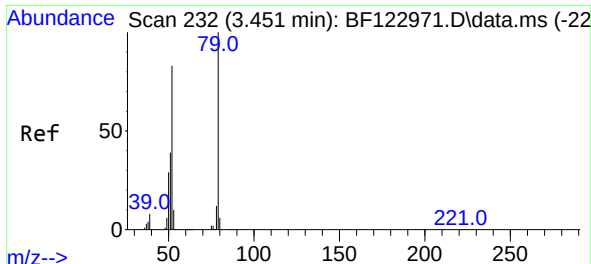
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#2  
1,4-Dioxane  
Concen: 38.98 ng  
RT: 2.922 min Scan# 142  
Delta R.T. 0.229 min  
Lab File: BF122995.D  
Acq: 18 Jan 2021 19:29

Tgt Ion: 88 Resp: 225054  
Ion Ratio Lower Upper  
88 100  
58 93.8 56.2 84.2#  
43 0.0 21.8 32.6#





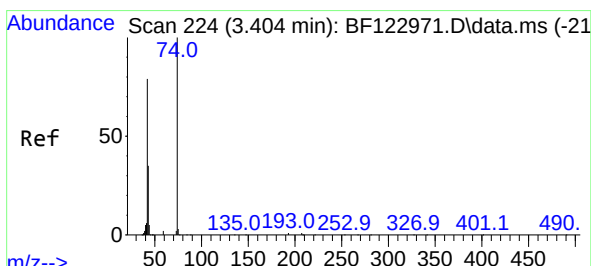
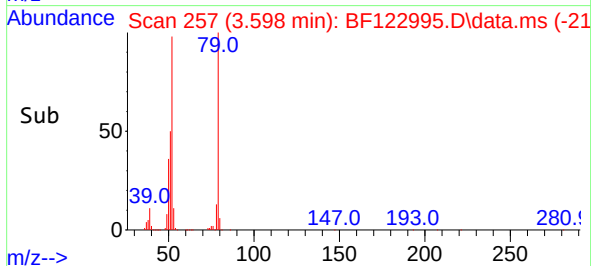
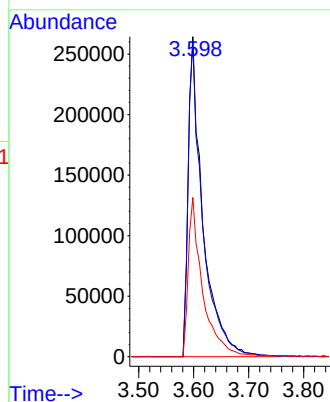
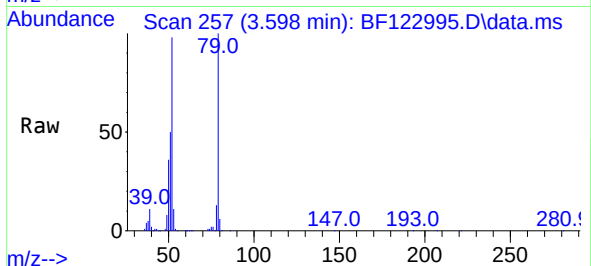
#3  
Pyridine  
Concen: 31.34 ng  
RT: 3.598 min Scan# 257  
Delta R.T. 0.147 min  
Lab File: BF122995.D  
Acq: 18 Jan 2021 19:29

Tgt Ion: 79 Resp: 489647  
Ion Ratio Lower Upper  
79 100  
52 98.4 53.0 79.4#  
51 49.7 26.6 39.8#

Instrument :  
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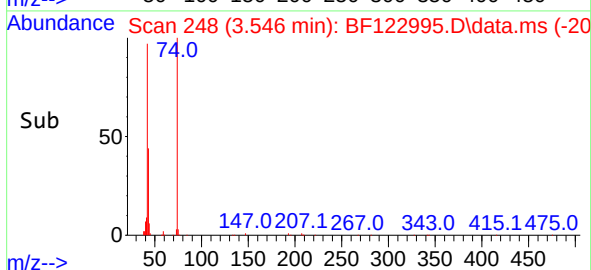
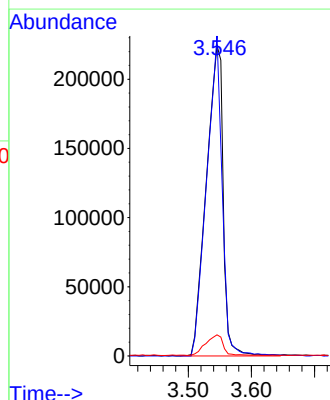
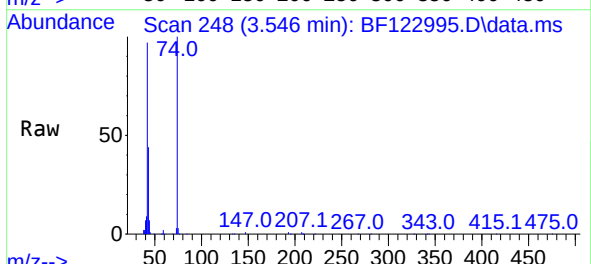
Manual Integrations  
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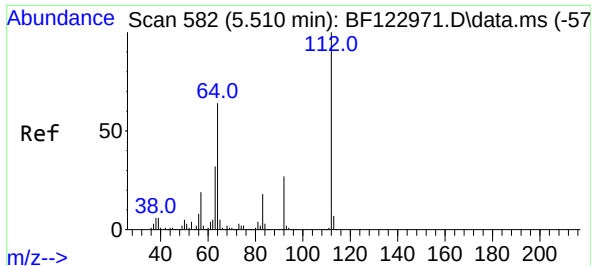
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#4  
n-Nitrosodimethylamine  
Concen: 59.61 ng  
RT: 3.546 min Scan# 248  
Delta R.T. 0.141 min  
Lab File: BF122995.D  
Acq: 18 Jan 2021 19:29

Tgt Ion: 42 Resp: 415781  
Ion Ratio Lower Upper  
42 100  
74 103.0 115.2 172.8#  
44 6.8 5.4 8.0





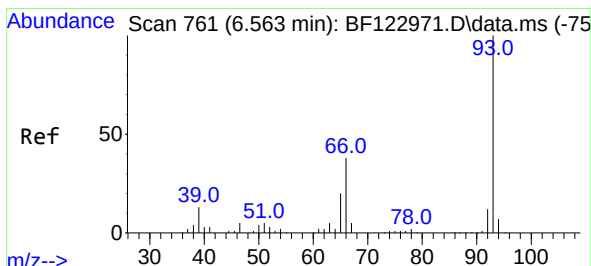
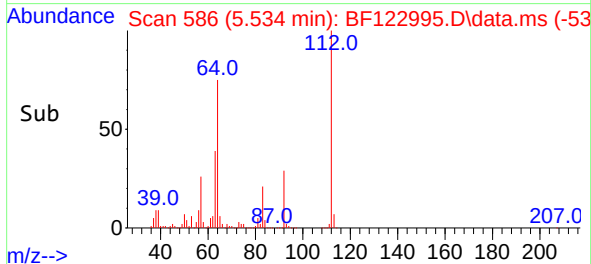
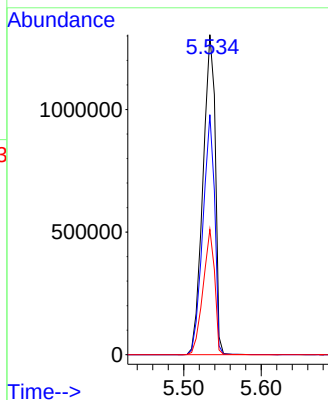
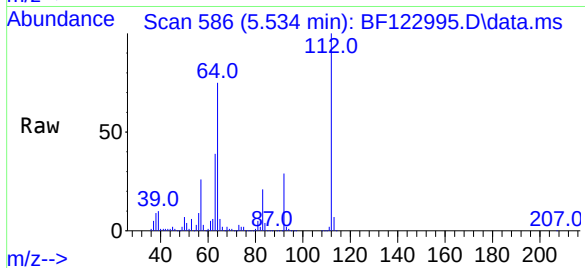
#5  
2-Fluorophenol  
Concen: 121.41 ng  
RT: 5.534 min Scan# 586  
Delta R.T. 0.024 min  
Lab File: BF122995.D  
Acq: 18 Jan 2021 19:29

Tgt Ion:112 Resp: 1443231  
Ion Ratio Lower Upper  
112 100  
64 75.0 46.9 70.3#  
63 39.1 24.5 36.7#

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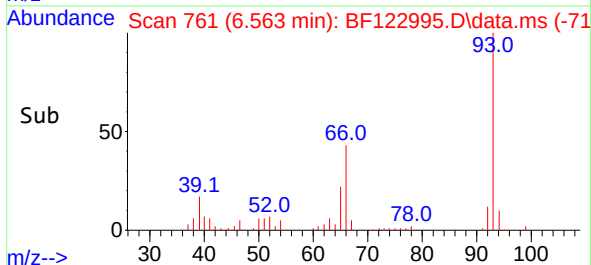
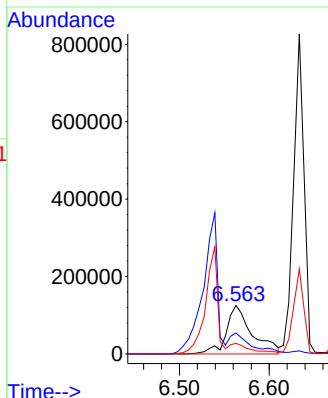
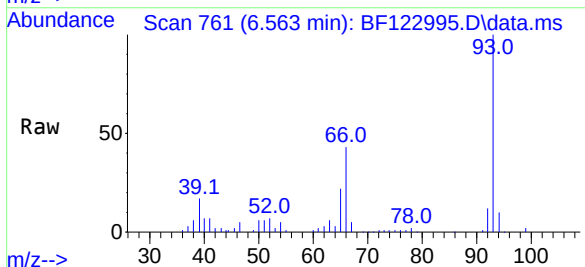
Manual Integrations  
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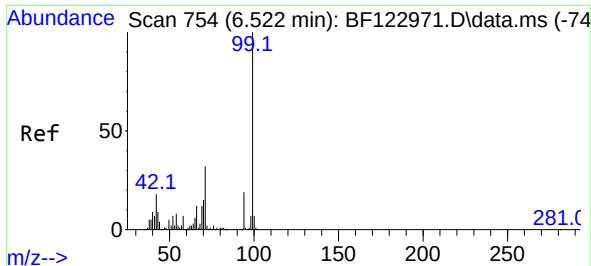
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#6  
Aniline  
Concen: 12.92 ng  
RT: 6.563 min Scan# 761  
Delta R.T. -0.000 min  
Lab File: BF122995.D  
Acq: 18 Jan 2021 19:29

Tgt Ion: 93 Resp: 248997  
Ion Ratio Lower Upper  
93 100  
66 43.3 31.3 46.9  
65 21.7 15.6 23.4





#7  
Phenol-d6  
Concen: 121.55 ng  
RT: 6.528 min Scan# 755  
Delta R.T. 0.006 min  
Lab File: BF122995.D  
Acq: 18 Jan 2021 19:29

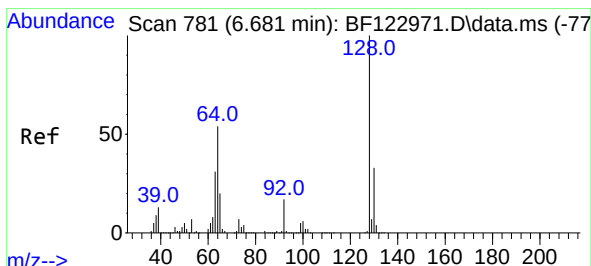
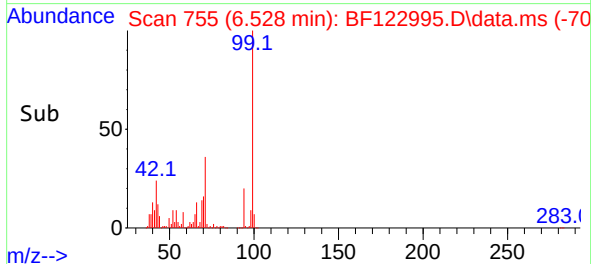
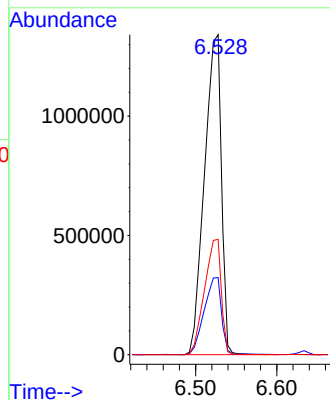
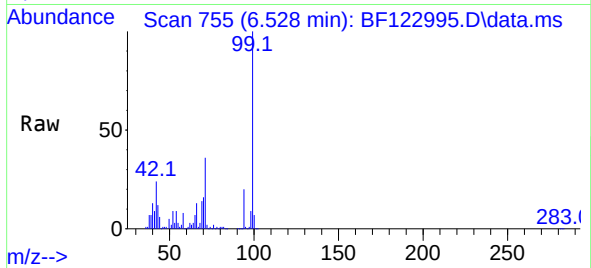
Tgt Ion: 99 Resp: 1941890

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 24.1  | 13.8  | 20.6  |
| 71  | 36.1  | 26.9  | 40.3  |

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ClientSampleId :  
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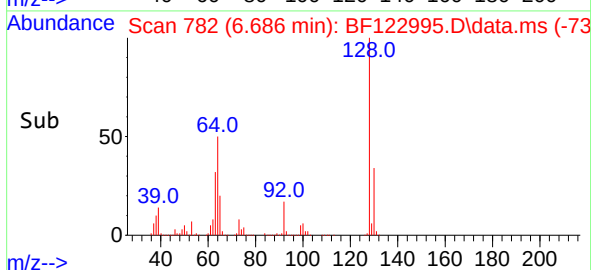
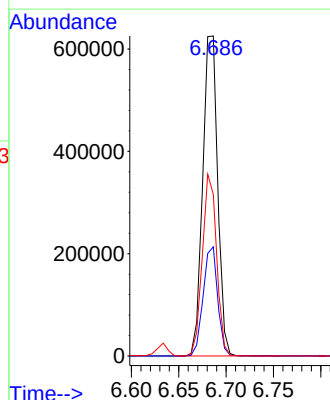
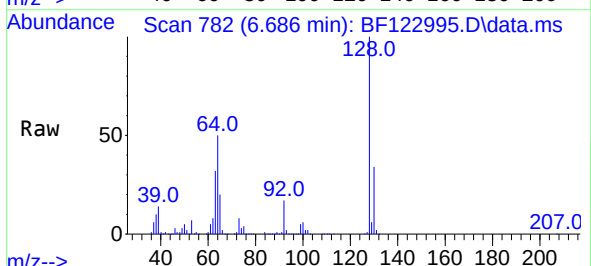
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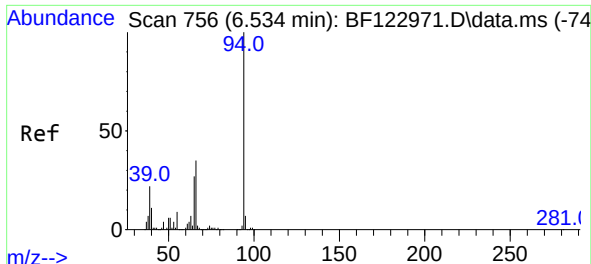


#8  
2-Chlorophenol  
Concen: 54.82 ng  
RT: 6.686 min Scan# 782  
Delta R.T. 0.006 min  
Lab File: BF122995.D  
Acq: 18 Jan 2021 19:29

Tgt Ion: 128 Resp: 688183

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 34.1  | 12.3  | 52.3  |
| 64  | 50.5  | 25.5  | 65.5  |





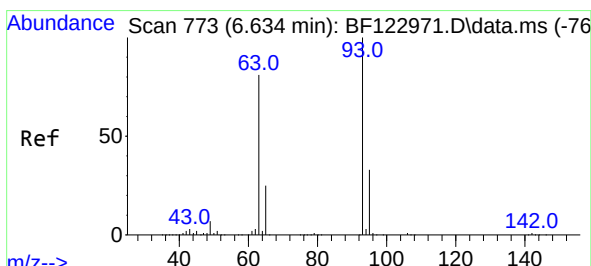
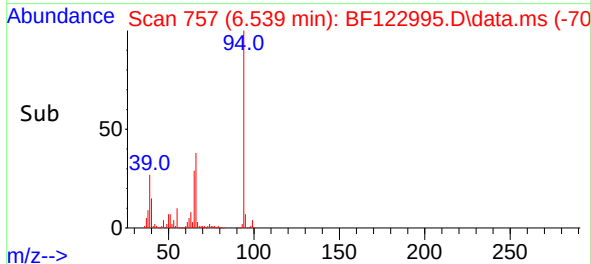
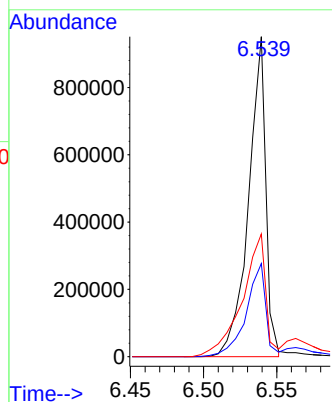
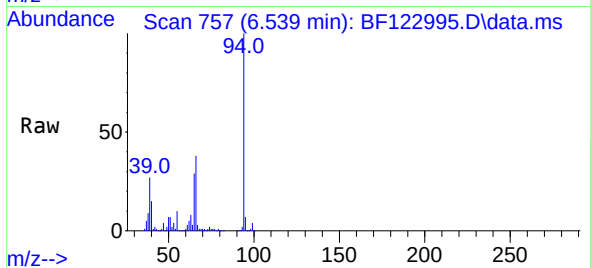
#10  
Phenol  
Concen: 48.46 ng m  
RT: 6.539 min Scan# 757  
Delta R.T. 0.006 min  
Lab File: BF122995.D  
Acq: 18 Jan 2021 19:29

Tgt Ion: 94 Resp: 777543  
Ion Ratio Lower Upper  
94 100  
65 29.1 11.2 51.2  
66 38.4 25.8 65.8

Instrument :  
BNA\_F  
ClientSampleId :  
BORE-2-1FT-7FTMS

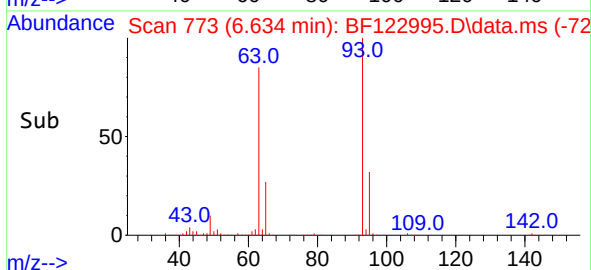
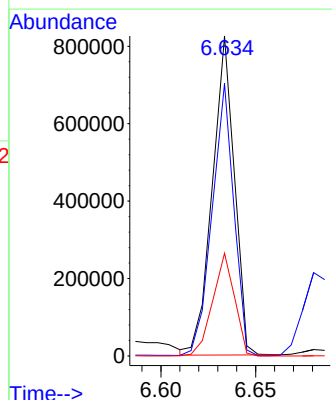
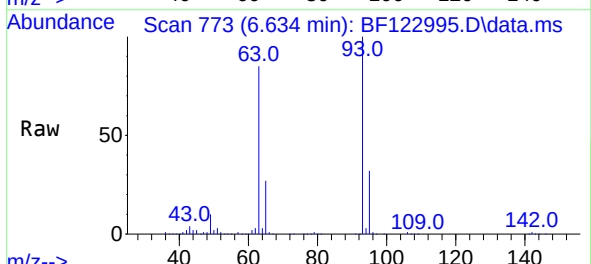
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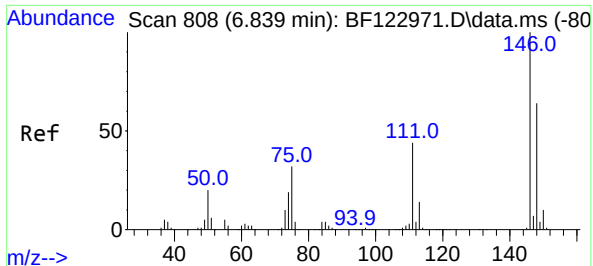


#11  
bis(2-Chloroethyl)ether  
Concen: 51.50 ng  
RT: 6.634 min Scan# 773  
Delta R.T. -0.000 min  
Lab File: BF122995.D  
Acq: 18 Jan 2021 19:29

Tgt Ion: 93 Resp: 669039  
Ion Ratio Lower Upper  
93 100  
63 85.2 52.6 92.6  
95 32.1 12.6 52.6







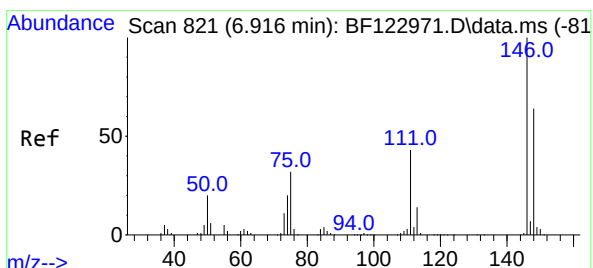
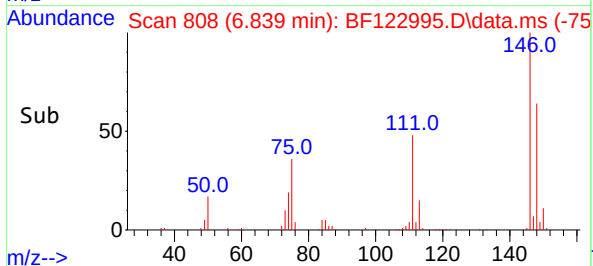
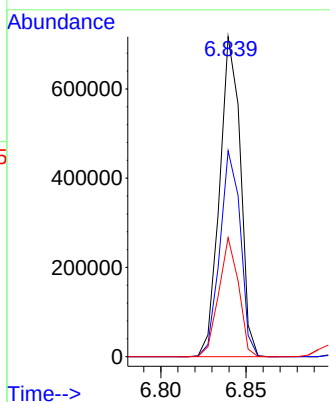
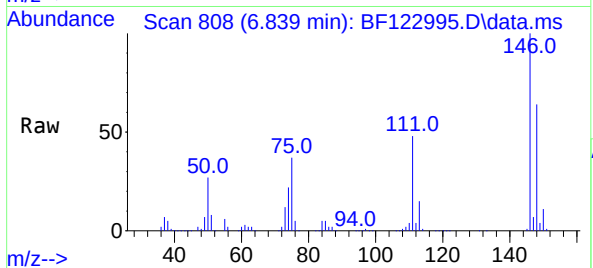
#12  
1,3-Dichlorobenzene  
Concen: 41.85 ng  
RT: 6.839 min Scan# 808  
Delta R.T. -0.000 min  
Lab File: BF122995.D  
Acq: 18 Jan 2021 19:29

Tgt Ion:146 Resp: 608026  
Ion Ratio Lower Upper  
146 100  
148 64.3 51.8 77.8  
75 37.2 22.5 33.7#

Instrument :  
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ClientSampleId :  
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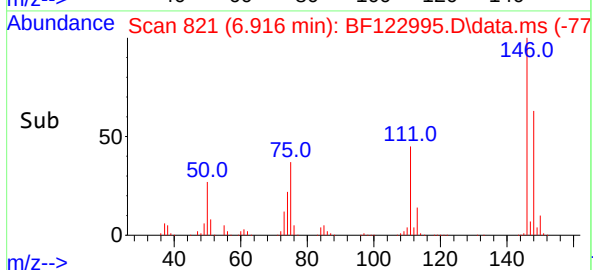
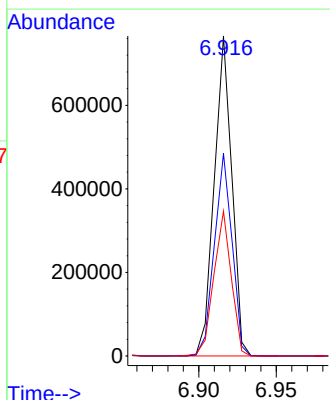
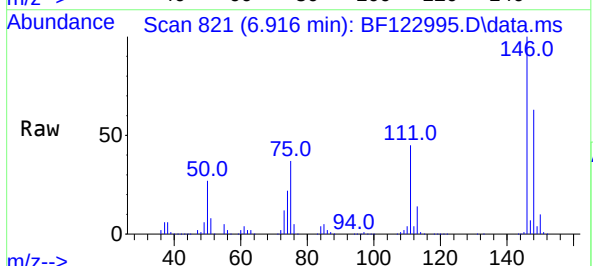
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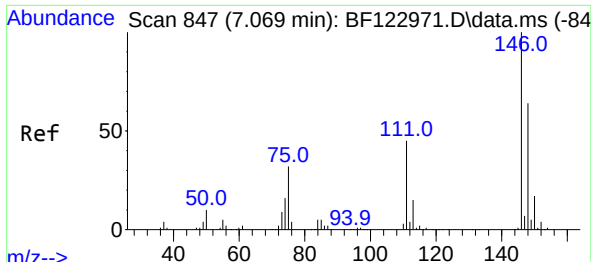
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#13  
1,4-Dichlorobenzene  
Concen: 41.28 ng  
RT: 6.916 min Scan# 821  
Delta R.T. -0.000 min  
Lab File: BF122995.D  
Acq: 18 Jan 2021 19:29

Tgt Ion:146 Resp: 603822  
Ion Ratio Lower Upper  
146 100  
148 63.3 52.0 78.0  
111 45.3 32.3 48.5





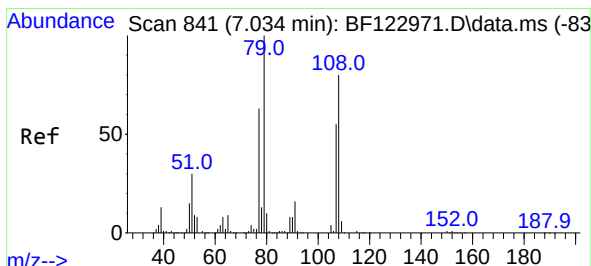
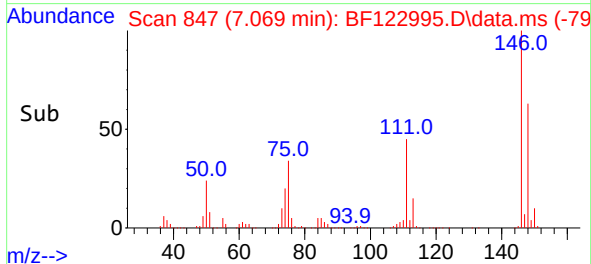
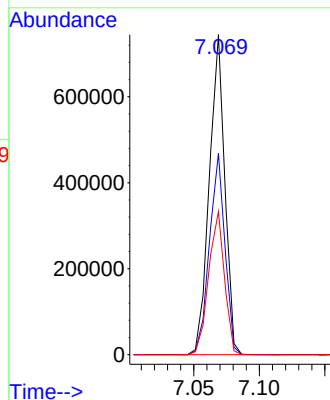
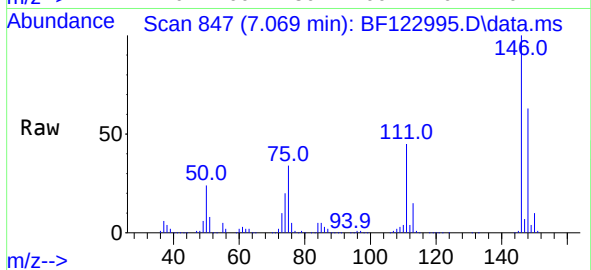
#14  
1,2-Dichlorobenzene  
Concen: 44.84 ng  
RT: 7.069 min Scan# 847  
Delta R.T. -0.000 min  
Lab File: BF122995.D  
Acq: 18 Jan 2021 19:29

Tgt Ion:146 Resp: 611928  
Ion Ratio Lower Upper  
146 100  
148 63.0 51.5 77.3  
111 44.7 34.2 51.2

Instrument :  
BNA\_F  
ClientSampleId :  
BORE-2-1FT-7FTMS

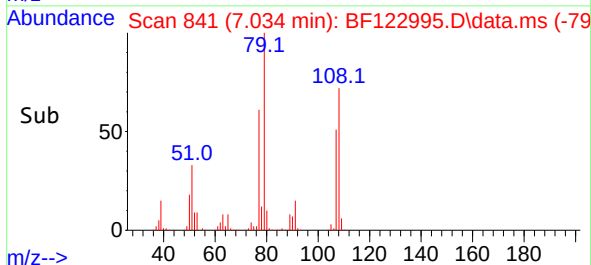
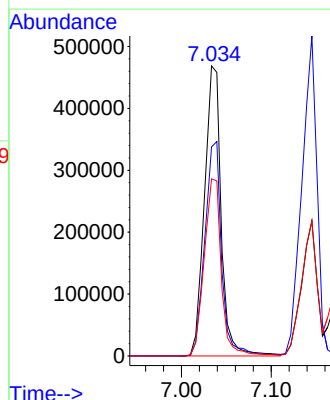
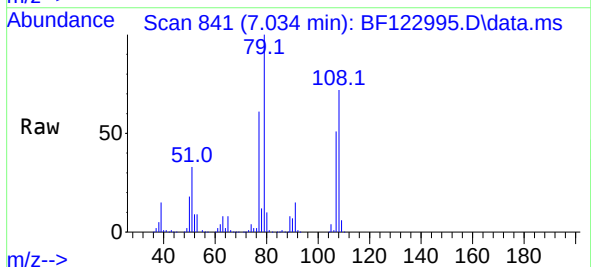
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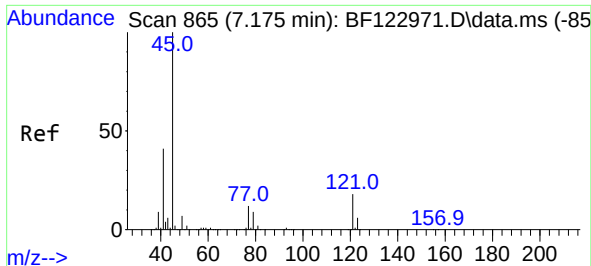
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#15  
Benzyl Alcohol  
Concen: 54.03 ng  
RT: 7.034 min Scan# 841  
Delta R.T. -0.000 min  
Lab File: BF122995.D  
Acq: 18 Jan 2021 19:29

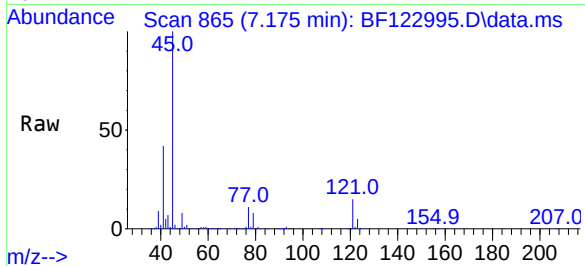
Tgt Ion: 79 Resp: 608408  
Ion Ratio Lower Upper  
79 100  
108 72.1 62.4 93.6  
77 61.1 49.0 73.6





#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 55.54 ng  
RT: 7.175 min Scan# 865  
Delta R.T. -0.000 min  
Lab File: BF122995.D  
Acq: 18 Jan 2021 19:29

Instrument :  
BNA\_F  
ClientSampleId :  
BORE-2-1FT-7FTMS

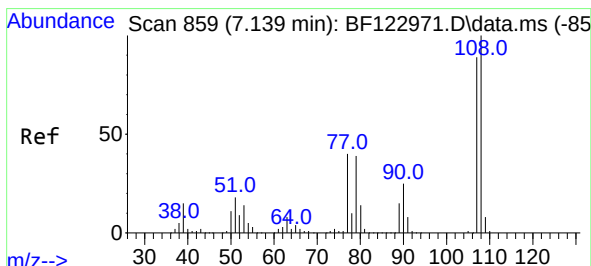
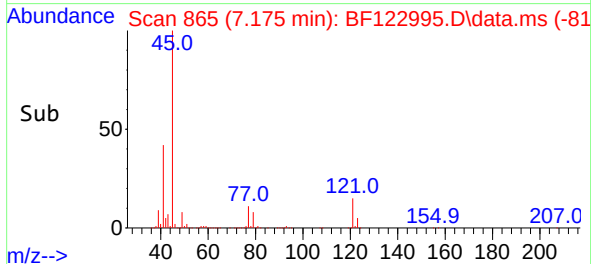
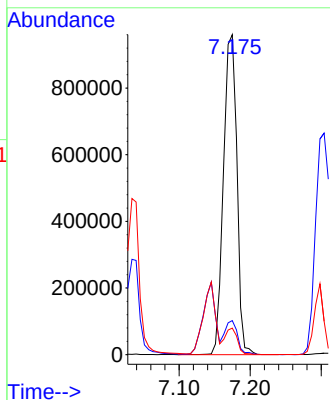


Tgt Ion: 45 Resp: 1257472

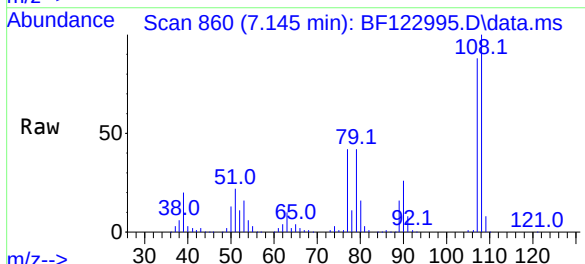
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 45  | 100   |       |       |
| 77  | 10.6  | 0.0   | 35.6  |
| 79  | 8.3   | 0.0   | 32.4  |

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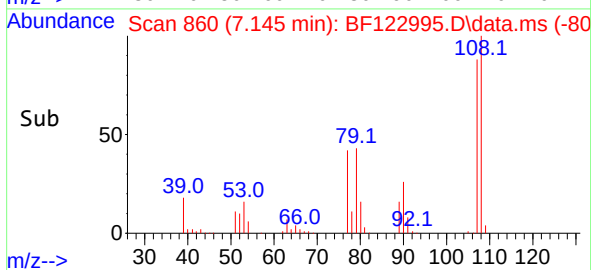
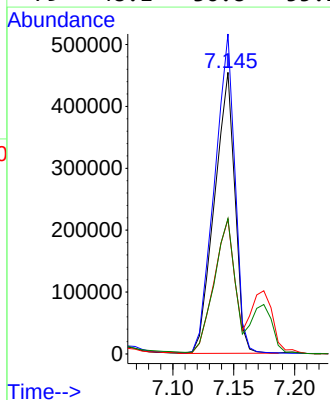


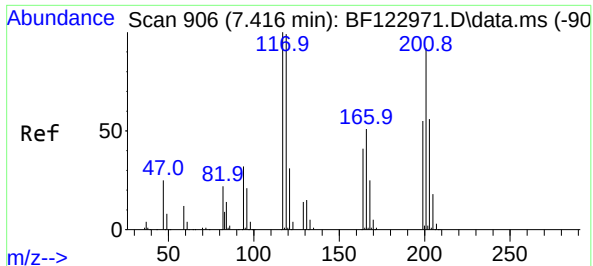
#17  
2-Methylphenol  
Concen: 49.92 ng  
RT: 7.145 min Scan# 860  
Delta R.T. 0.006 min  
Lab File: BF122995.D  
Acq: 18 Jan 2021 19:29



Tgt Ion: 107 Resp: 531590

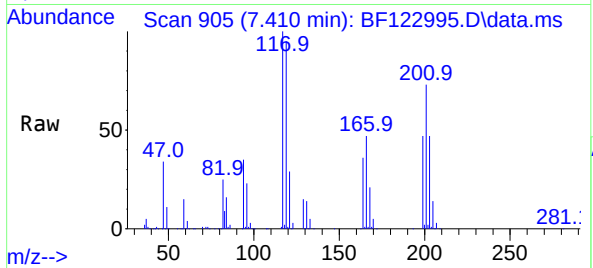
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 113.7 | 91.1  | 136.7 |
| 77  | 47.8  | 36.3  | 54.5  |
| 79  | 48.1  | 36.8  | 55.2  |





#18  
Hexachloroethane  
Concen: 44.78 ng  
RT: 7.410 min Scan# 905  
Delta R.T. -0.006 min  
Lab File: BF122995.D  
Acq: 18 Jan 2021 19:29

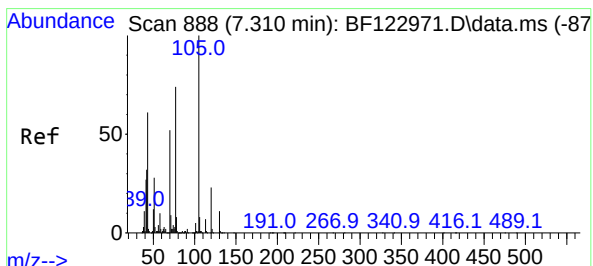
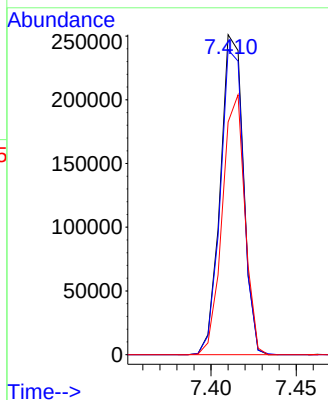
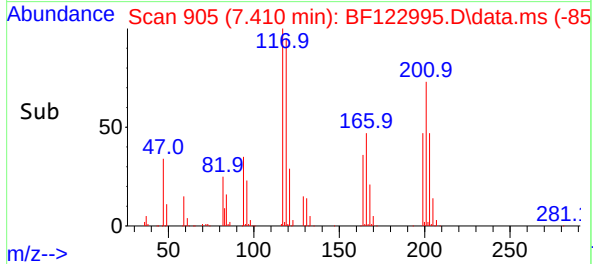
Instrument :  
BNA\_F  
ClientSampleId :  
BORE-2-1FT-7FTMS



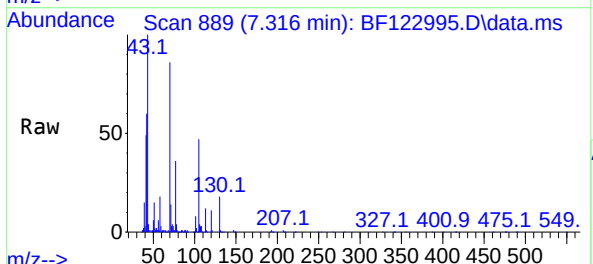
Tgt Ion:117 Resp: 236773  
Ion Ratio Lower Upper  
117 100  
119 95.3 78.4 117.6  
201 72.7 79.6 119.4#

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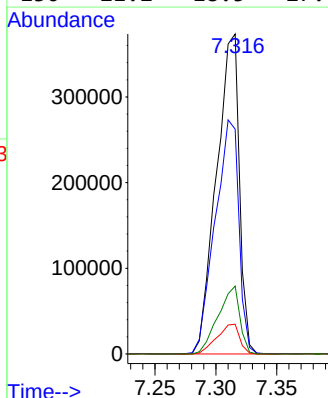
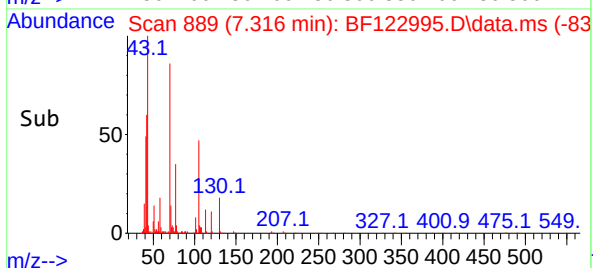
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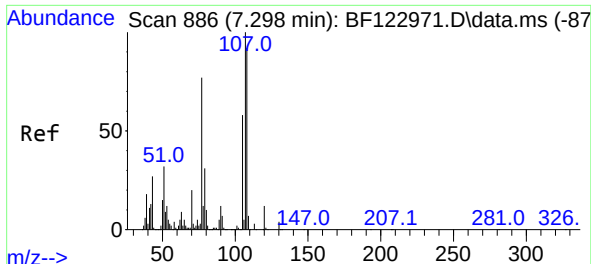


#19  
n-Nitroso-di-n-propylamine  
Concen: 51.65 ng  
RT: 7.316 min Scan# 889  
Delta R.T. 0.006 min  
Lab File: BF122995.D  
Acq: 18 Jan 2021 19:29



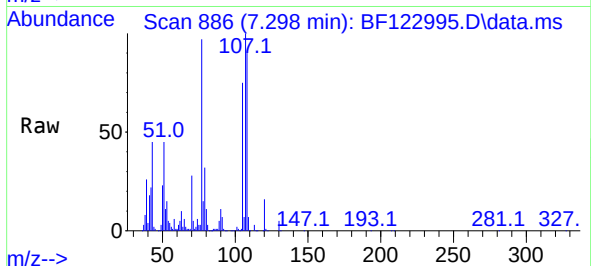
Tgt Ion: 70 Resp: 488839  
Ion Ratio Lower Upper  
70 100  
42 70.3 43.0 64.4#  
101 9.3 7.9 11.9  
130 21.2 18.5 27.7





#20  
3+4-Methylphenols  
Concen: 48.67 ng  
RT: 7.298 min Scan# 886  
Delta R.T. -0.000 min  
Lab File: BF122995.D  
Acq: 18 Jan 2021 19:29

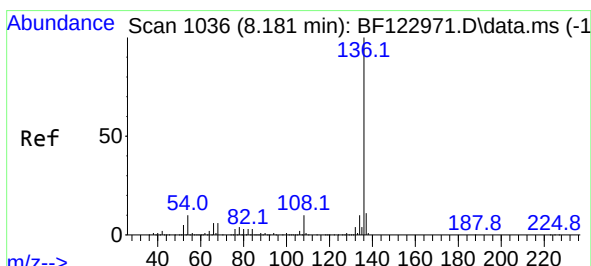
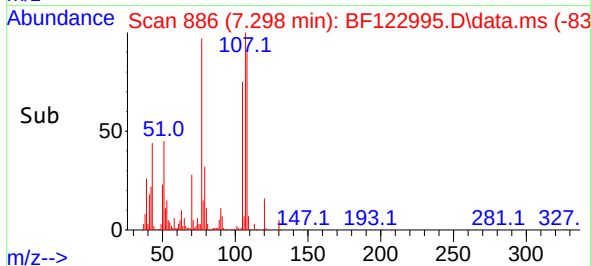
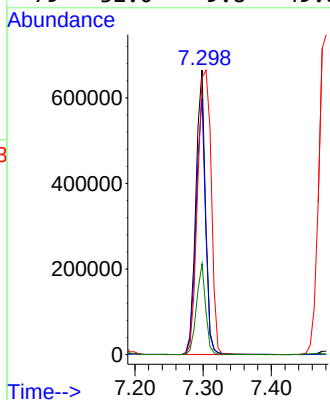
Instrument :  
BNA\_F  
ClientSampleId :  
BORE-2-1FT-7FTMS



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 648246 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 90.1  | 68.7  | 108.7  |
| 77       | 97.3  | 89.8  | 129.8  |
| 79       | 32.0  | 9.8   | 49.8   |

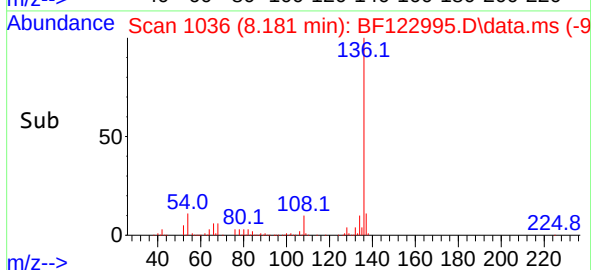
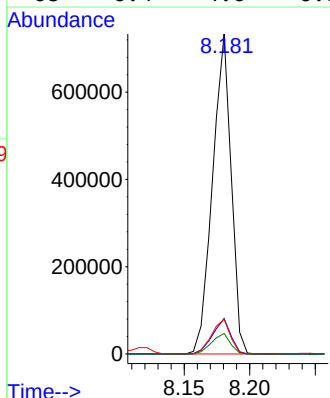
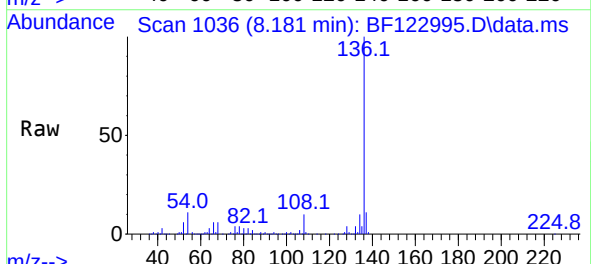
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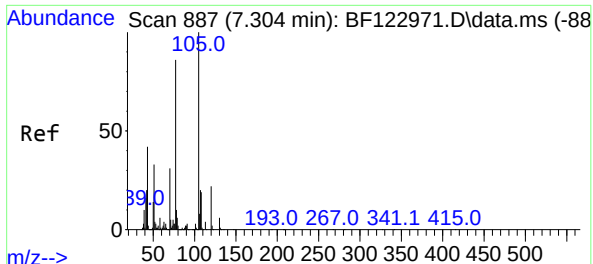
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#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.181 min Scan# 1036  
Delta R.T. -0.000 min  
Lab File: BF122995.D  
Acq: 18 Jan 2021 19:29

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 722112 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.1  | 8.8   | 13.2   |
| 54       | 10.9  | 5.5   | 8.3#   |
| 68       | 6.4   | 4.6   | 6.8    |





#22

Acetophenone

Concen: 46.97 ng

RT: 7.304 min Scan# 887

Delta R.T. -0.000 min

Lab File: BF122995.D

Acq: 18 Jan 2021 19:29

Tgt Ion: 105 Resp: 852928

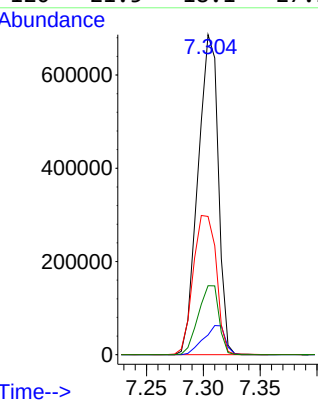
Ion Ratio Lower Upper

105 100

71 6.2 6.5 9.7#

51 43.2 24.3 36.5#

120 21.5 18.1 27.1



Instrument :

BNA\_F

ClientSampleId :

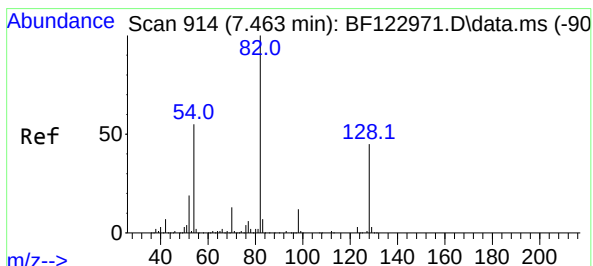
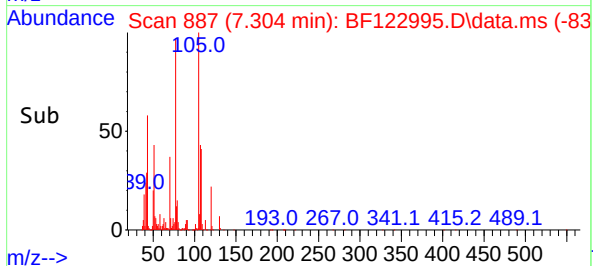
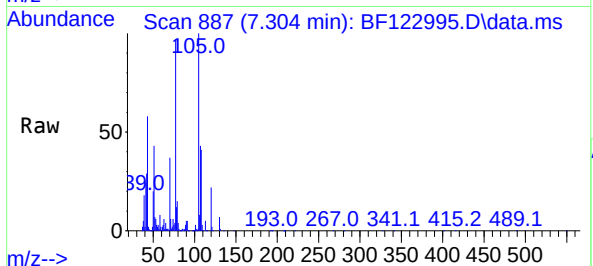
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#23

Nitrobenzene-d5

Concen: 94.04 ng

RT: 7.463 min Scan# 914

Delta R.T. -0.000 min

Lab File: BF122995.D

Acq: 18 Jan 2021 19:29

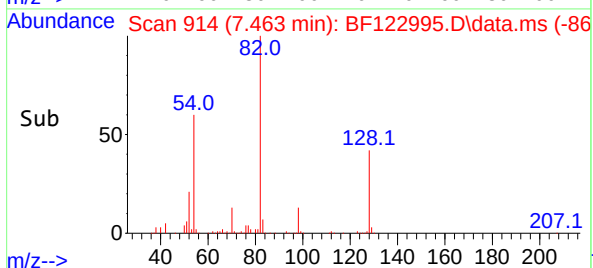
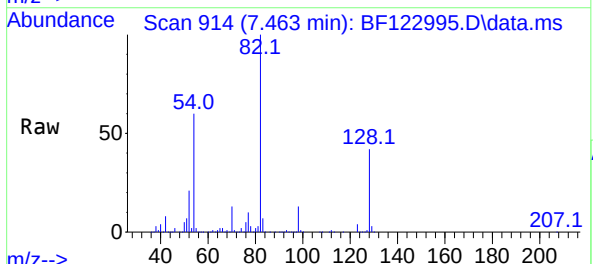
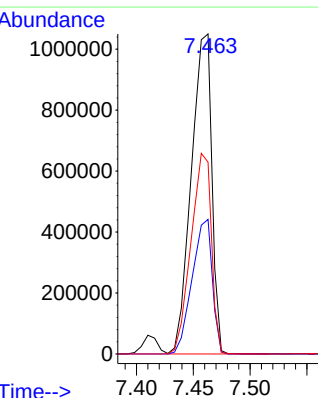
Tgt Ion: 82 Resp: 1319578

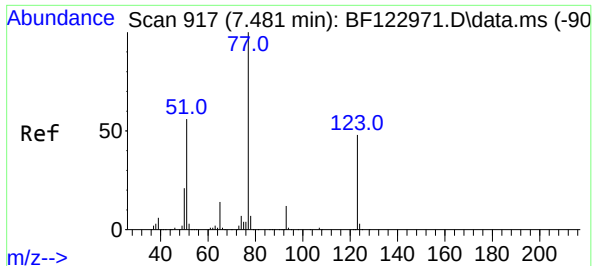
Ion Ratio Lower Upper

82 100

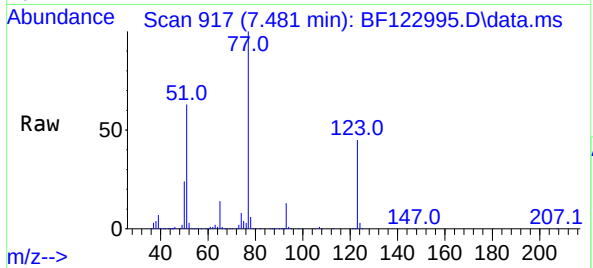
128 42.1 37.0 55.4

54 60.0 38.4 57.6#

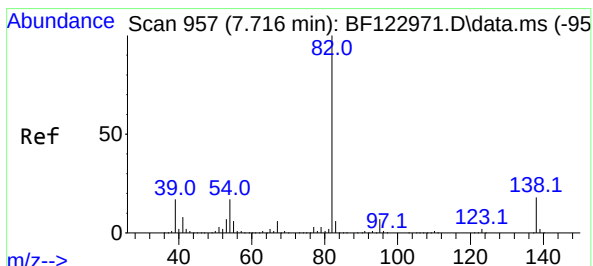
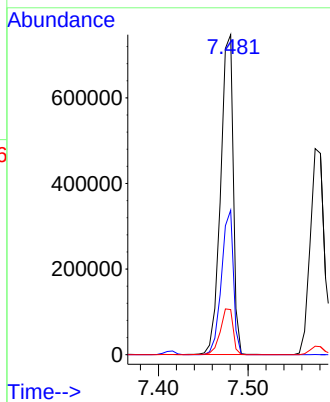
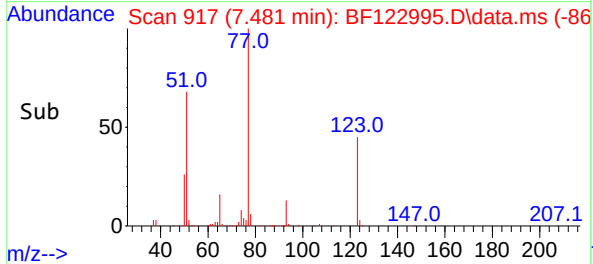




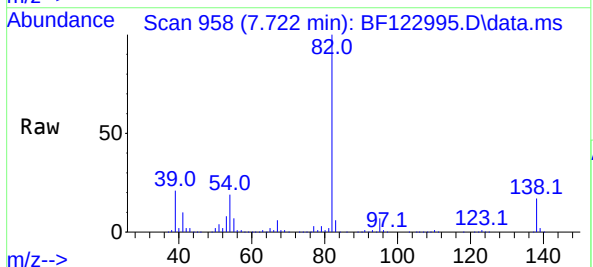
#24  
Nitrobenzene  
Concen: 50.67 ng  
RT: 7.481 min Scan# 917  
Delta R.T. -0.000 min  
Lab File: BF122995.D  
Acq: 18 Jan 2021 19:29



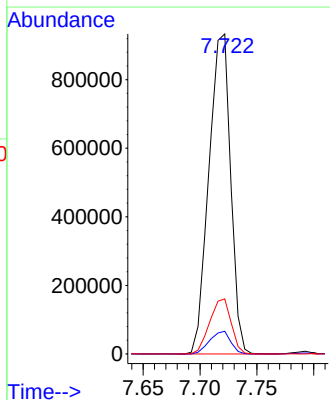
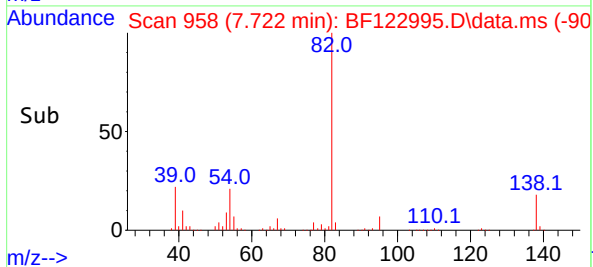
Tgt Ion: 77 Resp: 728698  
Ion Ratio Lower Upper  
77 100  
123 45.2 39.3 58.9  
65 14.1 10.6 15.8



#25  
Isophorone  
Concen: 49.72 ng  
RT: 7.722 min Scan# 958  
Delta R.T. 0.006 min  
Lab File: BF122995.D  
Acq: 18 Jan 2021 19:29



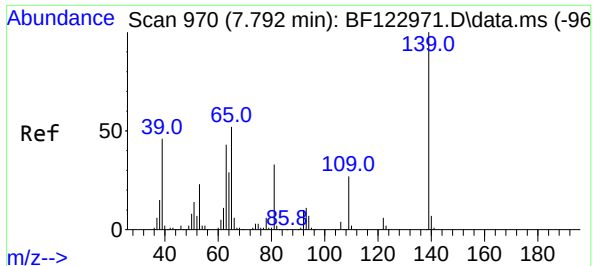
Tgt Ion: 82 Resp: 1244772  
Ion Ratio Lower Upper  
82 100  
95 7.1 5.8 8.6  
138 17.2 14.6 21.8



Instrument :  
BNA\_F  
ClientSampleId :  
BORE-2-1FT-7FTMS

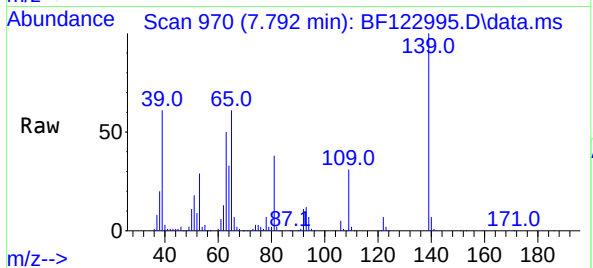
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#26  
2-Nitrophenol  
Concen: 47.85 ng  
RT: 7.792 min Scan# 970  
Delta R.T. -0.000 min  
Lab File: BF122995.D  
Acq: 18 Jan 2021 19:29

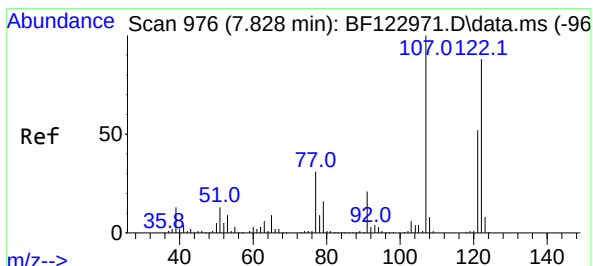
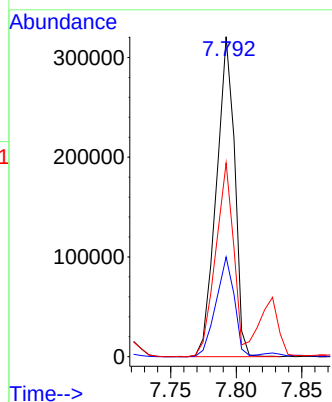
Instrument :  
BNA\_F  
ClientSampleId :  
BORE-2-1FT-7FTMS



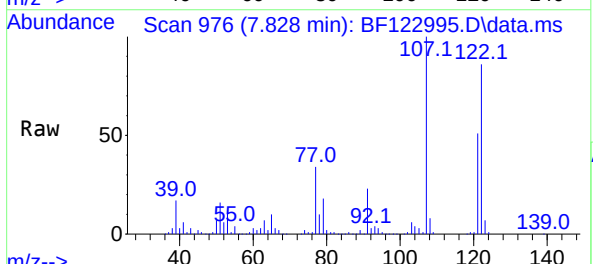
Tgt Ion:139 Resp: 310876  
Ion Ratio Lower Upper  
139 100  
109 31.1 24.0 36.0  
65 60.5 40.9 61.3

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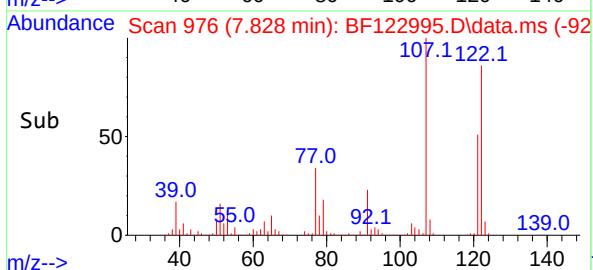
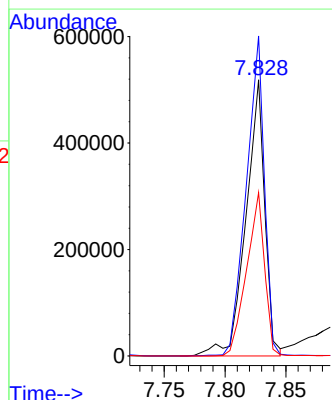
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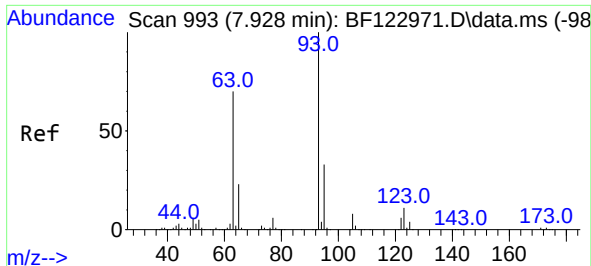
#27  
2,4-Dimethylphenol  
Concen: 53.99 ng  
RT: 7.828 min Scan# 976  
Delta R.T. -0.000 min  
Lab File: BF122995.D  
Acq: 18 Jan 2021 19:29



Tgt Ion:122 Resp: 558608  
Ion Ratio Lower Upper  
122 100  
107 115.9 91.8 137.8  
121 59.1 47.3 70.9







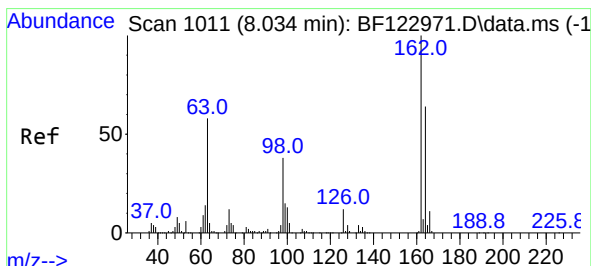
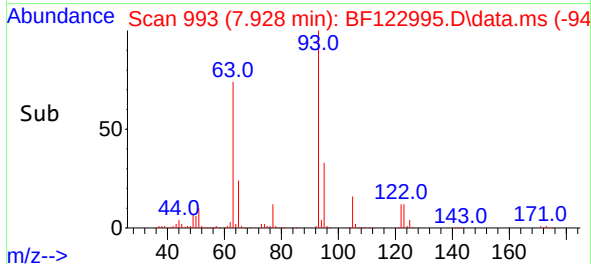
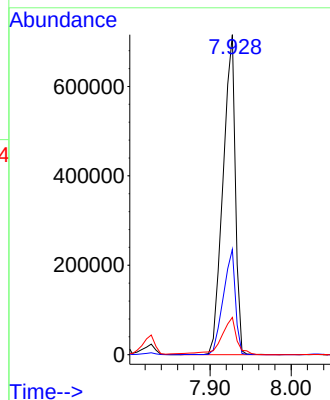
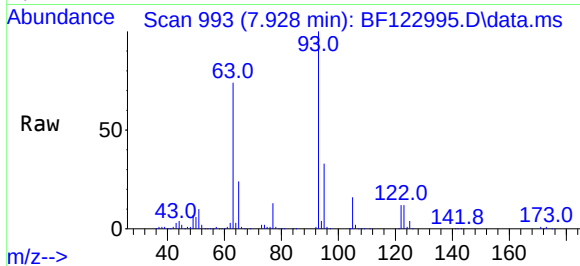
#28  
bis(2-Chloroethoxy)methane  
Concen: 44.83 ng  
RT: 7.928 min Scan# 993  
Delta R.T. -0.000 min  
Lab File: BF122995.D  
Acq: 18 Jan 2021 19:29

Tgt Ion: 93 Resp: 758731  
Ion Ratio Lower Upper  
93 100  
95 32.9 26.2 39.2  
123 11.7 9.2 13.8

Instrument :  
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ClientSampleId :  
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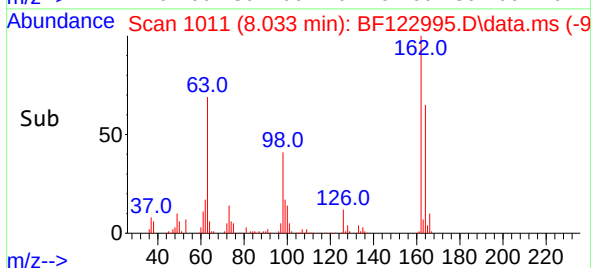
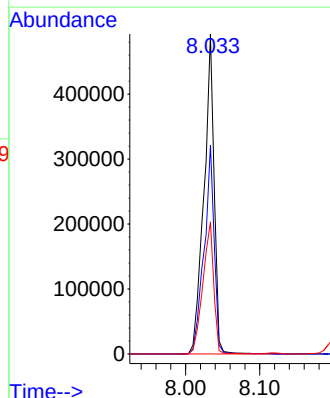
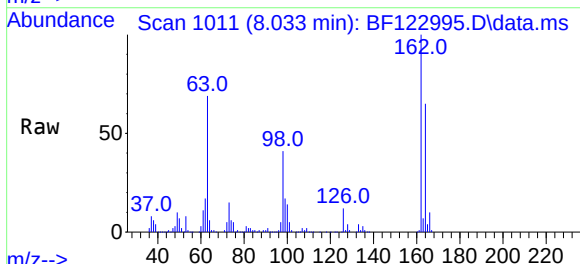
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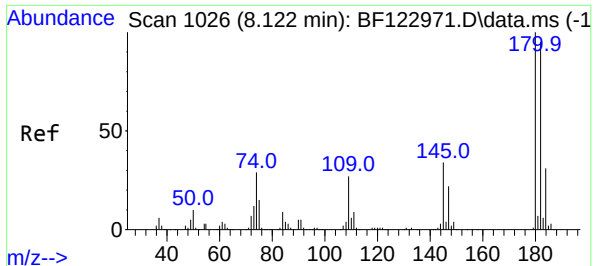
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#29  
2,4-Dichlorophenol  
Concen: 44.02 ng  
RT: 8.033 min Scan# 1011  
Delta R.T. -0.000 min  
Lab File: BF122995.D  
Acq: 18 Jan 2021 19:29

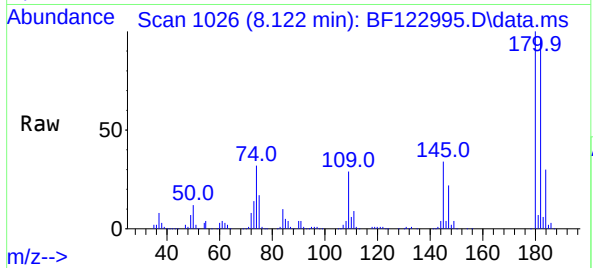
Tgt Ion: 162 Resp: 475496  
Ion Ratio Lower Upper  
162 100  
164 65.3 43.2 83.2  
98 41.3 15.2 55.2





#30  
1,2,4-Trichlorobenzene  
Concen: 40.23 ng  
RT: 8.122 min Scan# 1026  
Delta R.T. -0.000 min  
Lab File: BF122995.D  
Acq: 18 Jan 2021 19:29

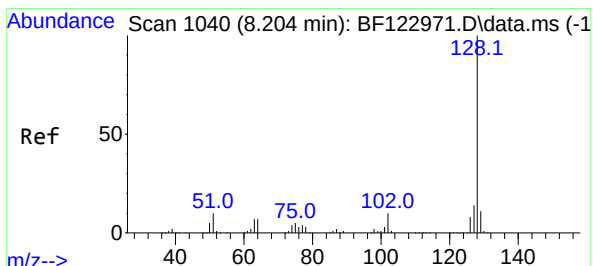
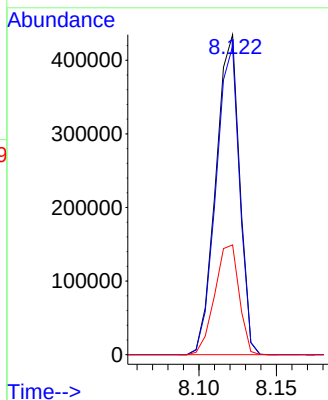
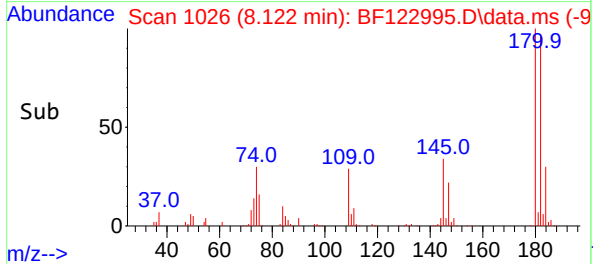
Instrument :  
BNA\_F  
ClientSampleId :  
BORE-2-1FT-7FTMS



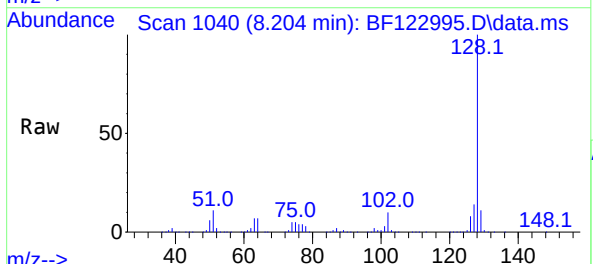
Tgt Ion:180 Resp: 462932  
Ion Ratio Lower Upper  
180 100  
182 96.4 75.7 113.5  
145 34.3 25.0 37.4

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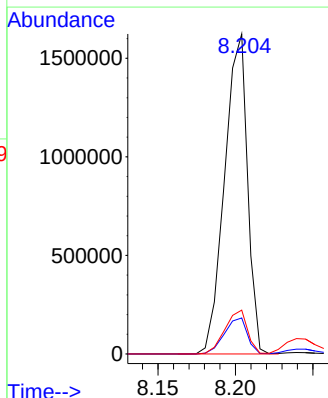
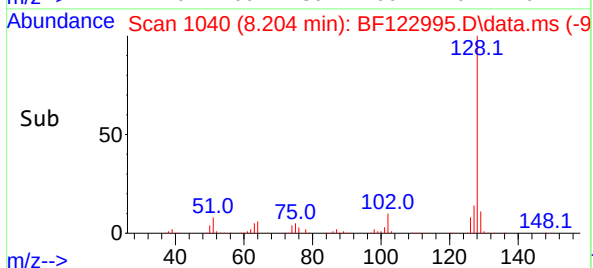
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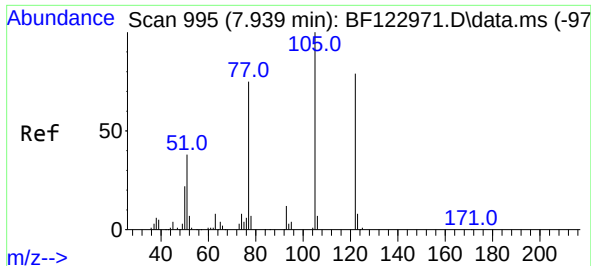


#31  
Naphthalene  
Concen: 44.89 ng  
RT: 8.204 min Scan# 1040  
Delta R.T. -0.000 min  
Lab File: BF122995.D  
Acq: 18 Jan 2021 19:29

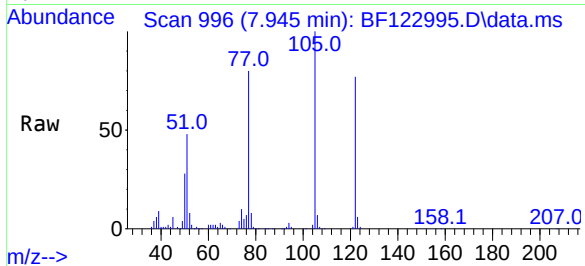


Tgt Ion:128 Resp: 1666730  
Ion Ratio Lower Upper  
128 100  
129 11.3 9.0 13.6  
127 13.7 10.7 16.1

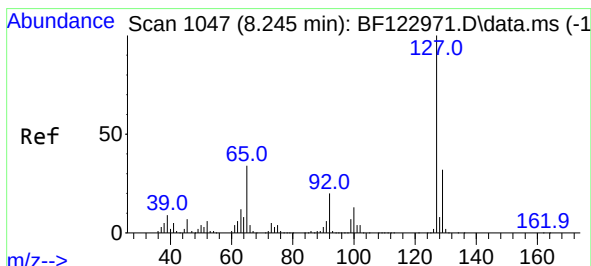
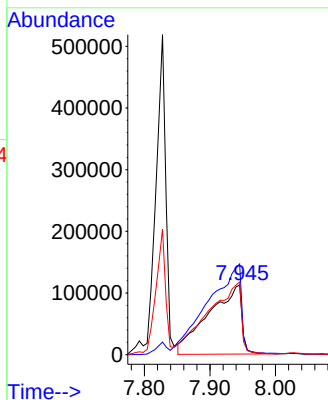
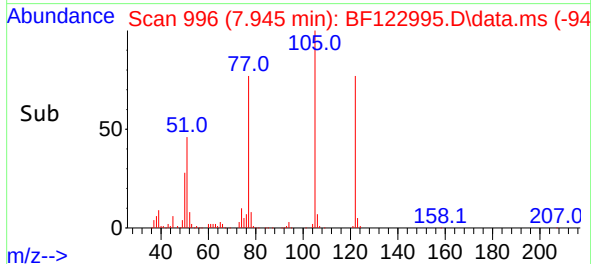




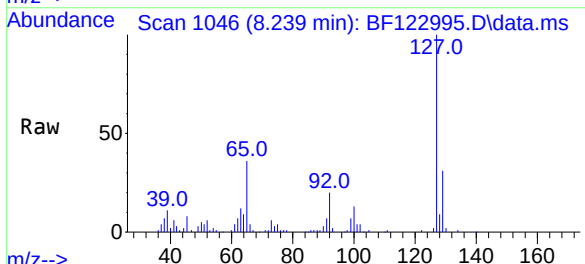
#32  
Benzoic acid  
Concen: 45.25 ng  
RT: 7.945 min Scan# 996  
Delta R.T. 0.006 min  
Lab File: BF122995.D  
Acq: 18 Jan 2021 19:29



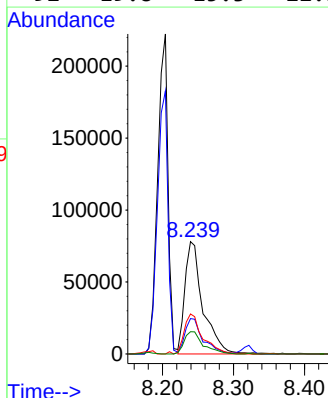
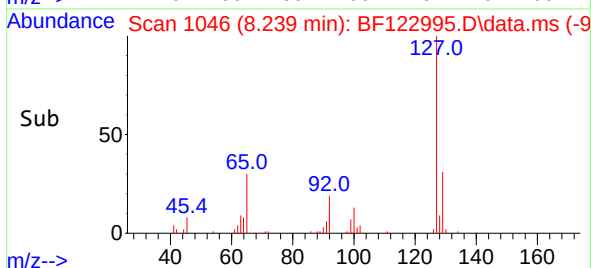
Tgt Ion:122 Resp: 393315  
Ion Ratio Lower Upper  
122 100  
105 130.1 104.8 144.8  
77 104.2 71.0 111.0



#33  
4-Chloroaniline  
Concen: 8.52 ng  
RT: 8.239 min Scan# 1046  
Delta R.T. -0.006 min  
Lab File: BF122995.D  
Acq: 18 Jan 2021 19:29



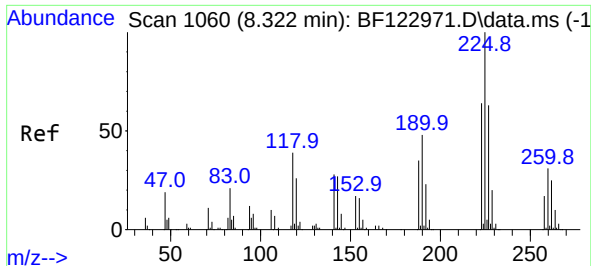
Tgt Ion:127 Resp: 138002  
Ion Ratio Lower Upper  
127 100  
129 31.4 26.2 39.2  
65 35.6 22.2 33.2#  
92 19.8 15.3 22.9



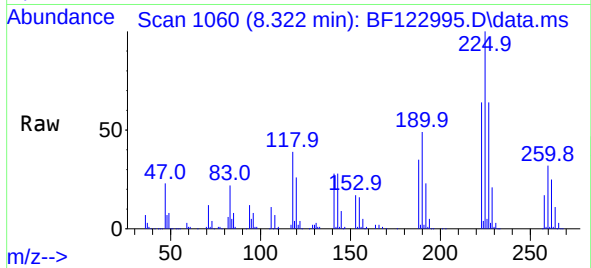
Instrument :  
BNA\_F  
ClientSampleId :  
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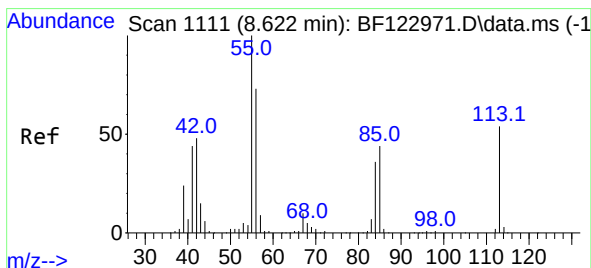
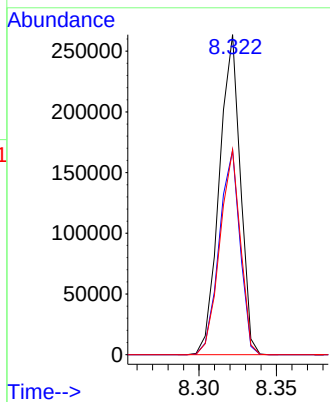
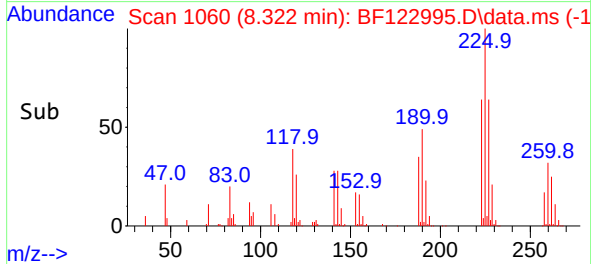
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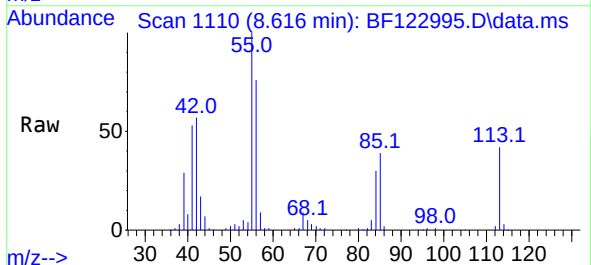
#34  
Hexachlorobutadiene  
Concen: 39.45 ng  
RT: 8.322 min Scan# 1060  
Delta R.T. -0.000 min  
Lab File: BF122995.D  
Acq: 18 Jan 2021 19:29



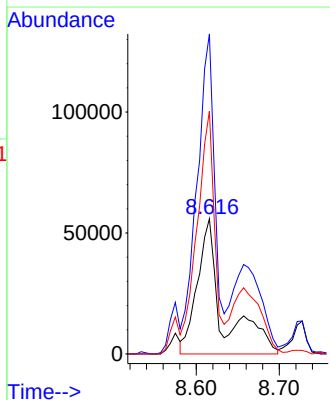
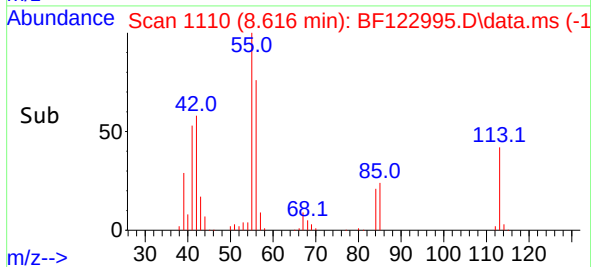
Tgt Ion:225 Resp: 248112  
Ion Ratio Lower Upper  
225 100  
223 63.9 50.7 76.1  
227 64.1 51.7 77.5



#35  
Caprolactam  
Concen: 32.74 ng m  
RT: 8.616 min Scan# 1110  
Delta R.T. -0.006 min  
Lab File: BF122995.D  
Acq: 18 Jan 2021 19:29



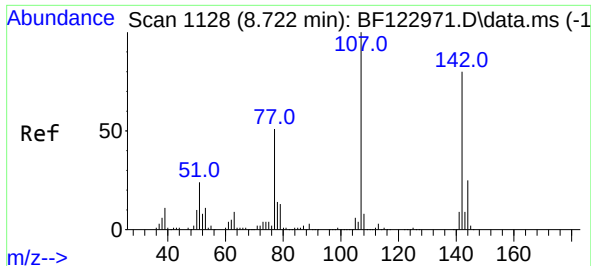
Tgt Ion:113 Resp: 120181  
Ion Ratio Lower Upper  
113 100  
55 236.8 133.7 173.7#  
56 179.7 95.3 135.3#



Instrument :  
BNA\_F  
ClientSampleId :  
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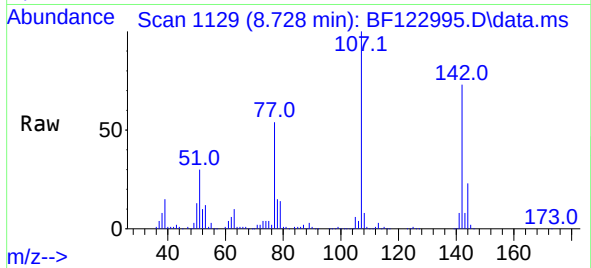
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#36  
4-Chloro-3-methylphenol  
Concen: 45.40 ng  
RT: 8.728 min Scan# 1129  
Delta R.T. 0.006 min  
Lab File: BF122995.D  
Acq: 18 Jan 2021 19:29

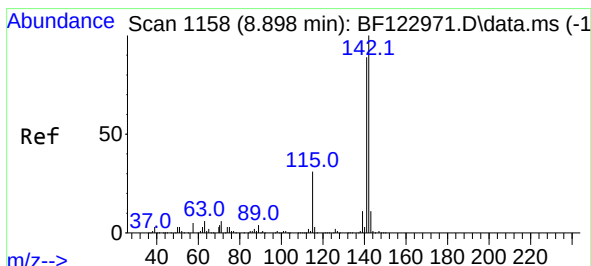
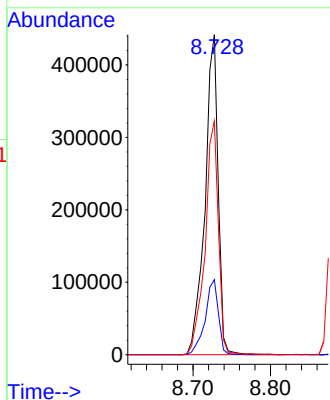
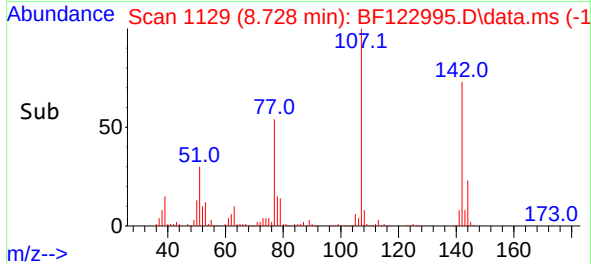
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ClientSampleId :  
BORE-2-1FT-7FTMS



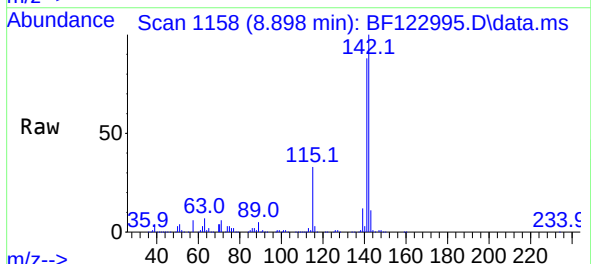
Tgt Ion:107 Resp: 521530  
Ion Ratio Lower Upper  
107 100  
144 23.5 20.2 30.2  
142 73.0 64.4 96.6

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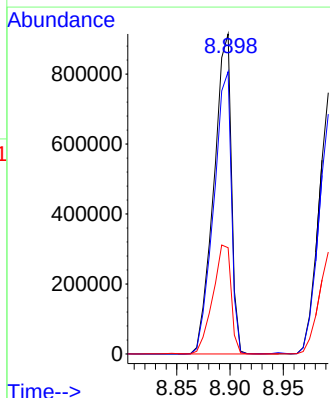
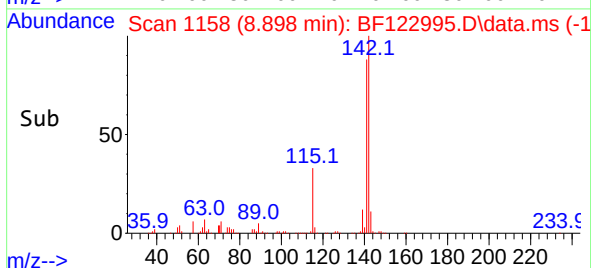
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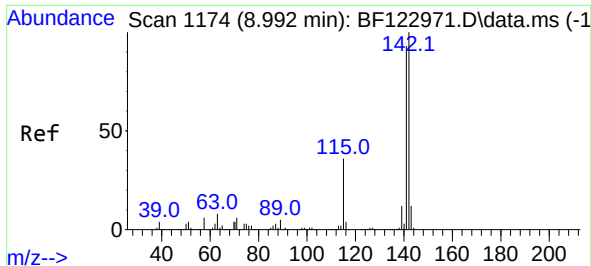


#37  
2-Methylnaphthalene  
Concen: 40.86 ng  
RT: 8.898 min Scan# 1158  
Delta R.T. -0.000 min  
Lab File: BF122995.D  
Acq: 18 Jan 2021 19:29



Tgt Ion:142 Resp: 1046314  
Ion Ratio Lower Upper  
142 100  
141 88.2 70.6 106.0  
115 33.2 28.7 43.1





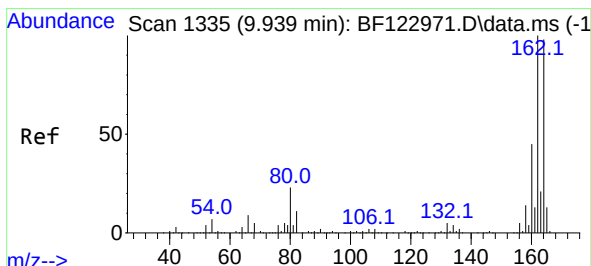
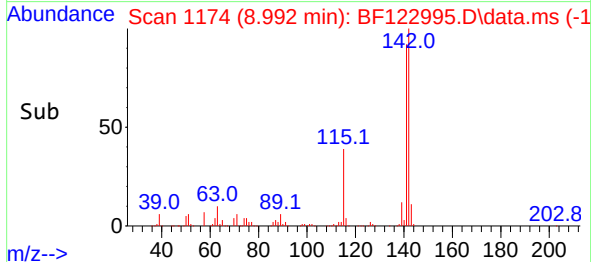
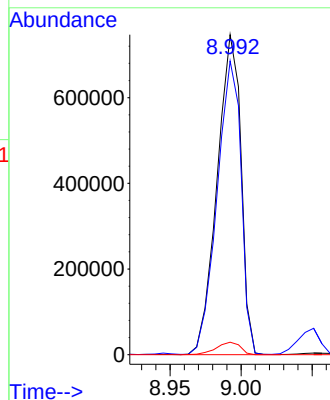
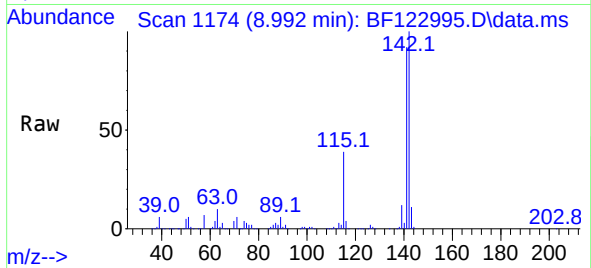
#38  
1-Methylnaphthalene  
Concen: 36.05 ng  
RT: 8.992 min Scan# 1174  
Delta R.T. -0.000 min  
Lab File: BF122995.D  
Acq: 18 Jan 2021 19:29

Tgt Ion:142 Resp: 871825  
Ion Ratio Lower Upper  
142 100  
141 91.8 74.5 111.7  
116 3.9 3.2 4.8

Instrument :  
BNA\_F  
ClientSampleId :  
BORE-2-1FT-7FTMS

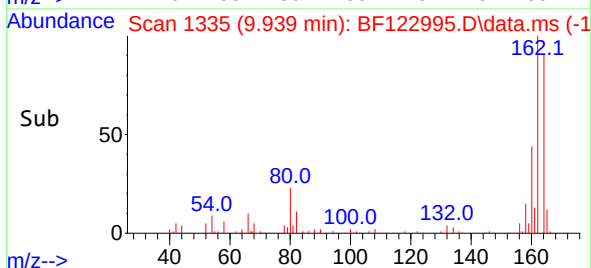
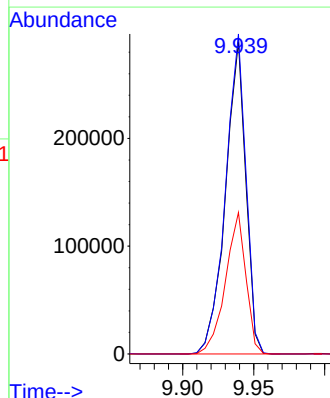
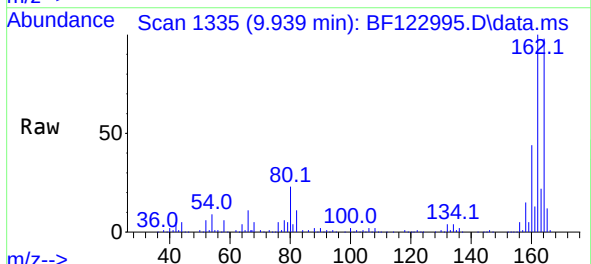
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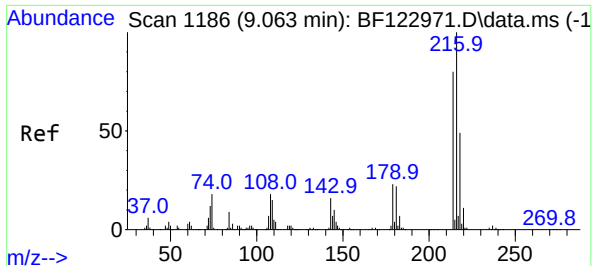
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#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.939 min Scan# 1335  
Delta R.T. -0.000 min  
Lab File: BF122995.D  
Acq: 18 Jan 2021 19:29

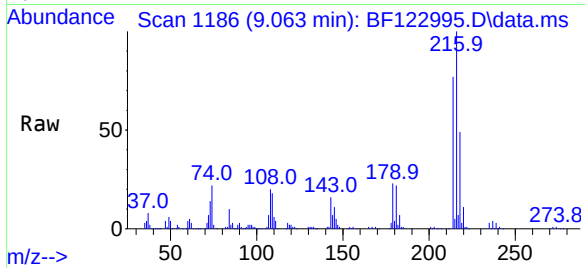
Tgt Ion:164 Resp: 288818  
Ion Ratio Lower Upper  
164 100  
162 102.5 80.8 121.2  
160 45.3 35.4 53.0





#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 45.71 ng  
RT: 9.063 min Scan# 1186  
Delta R.T. -0.000 min  
Lab File: BF122995.D  
Acq: 18 Jan 2021 19:29

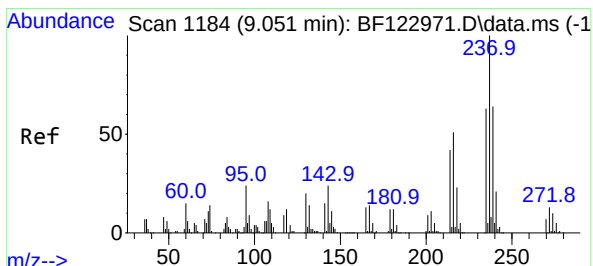
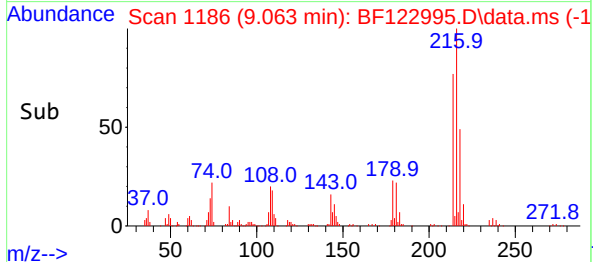
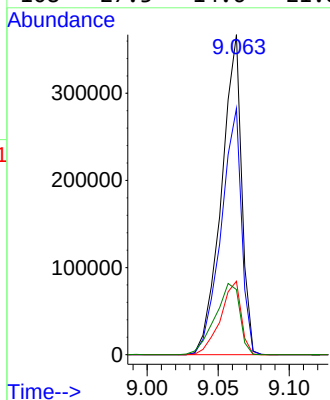
Instrument :  
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ClientSampleId :  
BORE-2-1FT-7FTMS



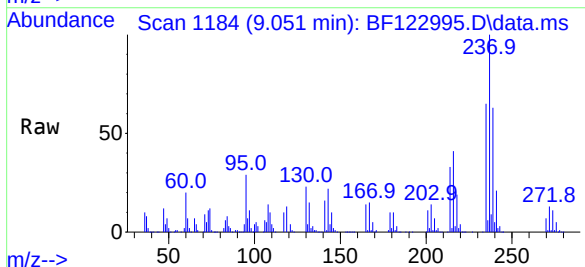
Tgt Ion:216 Resp: 362410  
Ion Ratio Lower Upper  
216 100  
214 78.0 63.1 94.7  
179 23.4 17.1 25.7  
108 27.3 14.6 21.8#

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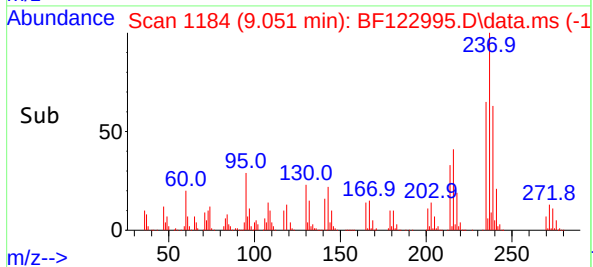
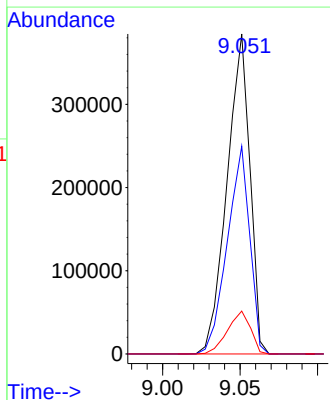
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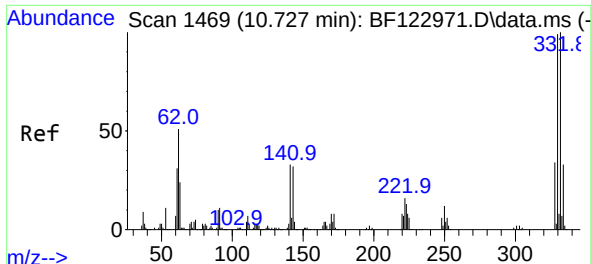


#41  
Hexachlorocyclopentadiene  
Concen: 102.45 ng  
RT: 9.051 min Scan# 1184  
Delta R.T. -0.000 min  
Lab File: BF122995.D  
Acq: 18 Jan 2021 19:29



Tgt Ion:237 Resp: 394613  
Ion Ratio Lower Upper  
237 100  
235 64.9 40.9 80.9  
272 13.4 0.0 33.4





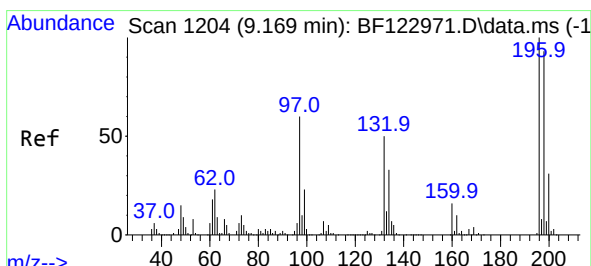
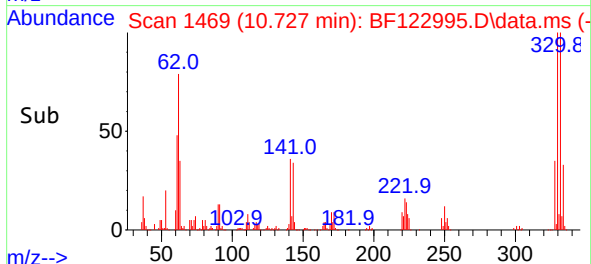
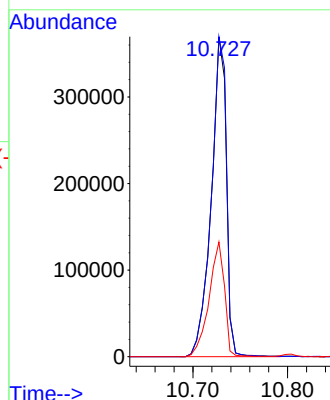
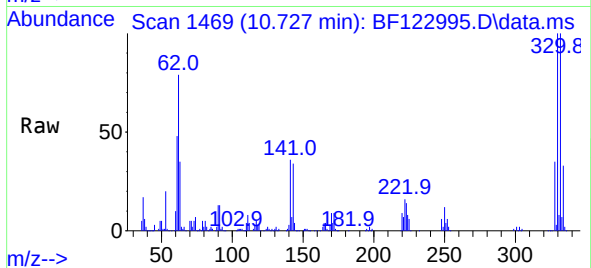
#42  
2,4,6-Tribromophenol  
Concen: 125.47 ng  
RT: 10.727 min Scan# 1469  
Delta R.T. 0.000 min  
Lab File: BF122995.D  
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Tgt Ion: 330 Resp: 409788  
Ion Ratio Lower Upper  
330 100  
332 101.3 77.5 116.3  
141 36.8 23.8 35.8#

Instrument :  
BNA\_F  
ClientSampleId :  
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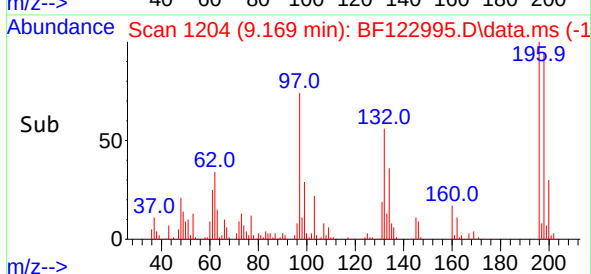
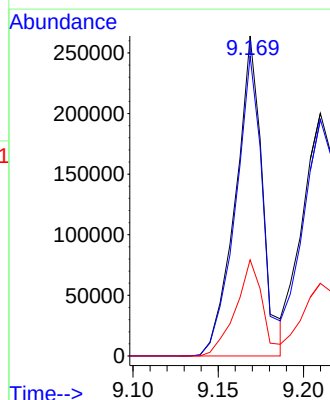
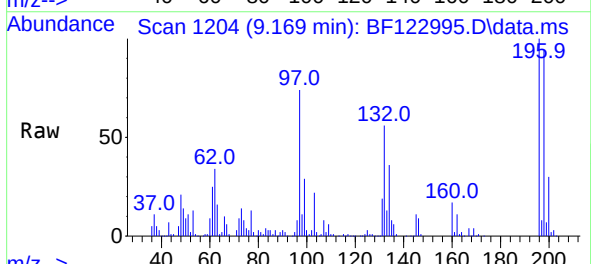
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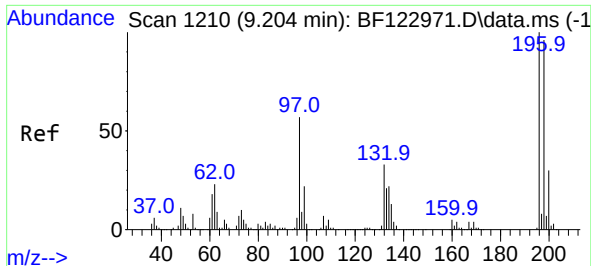


#43  
2,4,6-Trichlorophenol  
Concen: 48.96 ng  
RT: 9.169 min Scan# 1204  
Delta R.T. -0.000 min  
Lab File: BF122995.D  
Acq: 18 Jan 2021 19:29

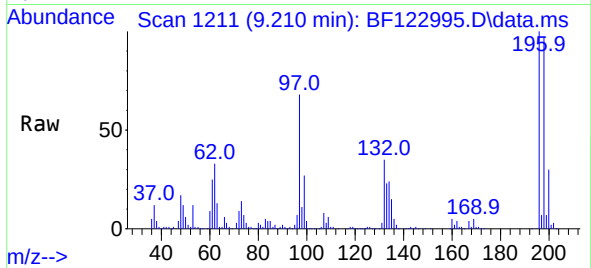
Tgt Ion: 196 Resp: 289374  
Ion Ratio Lower Upper  
196 100  
198 93.8 75.1 112.7  
200 30.1 23.7 35.5



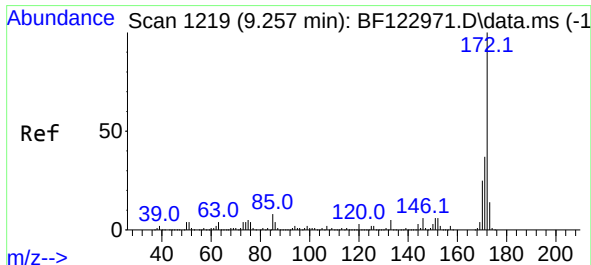
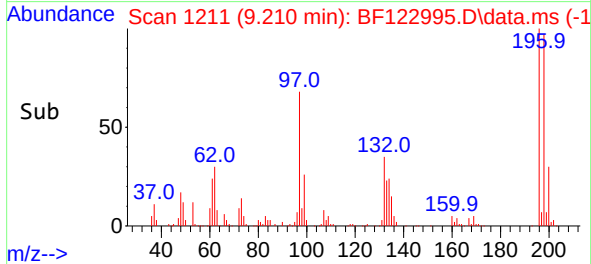
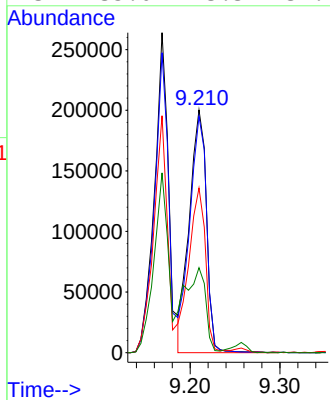




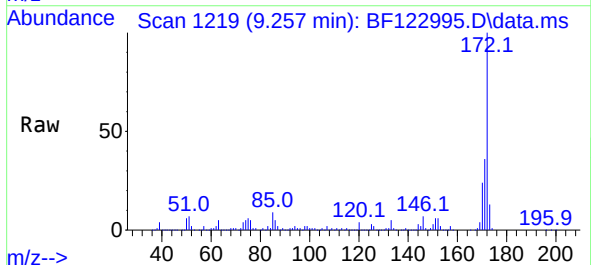
#44  
2,4,5-Trichlorophenol  
Concen: 44.32 ng  
RT: 9.210 min Scan# 1211  
Delta R.T. 0.006 min  
Lab File: BF122995.D  
Acq: 18 Jan 2021 19:29



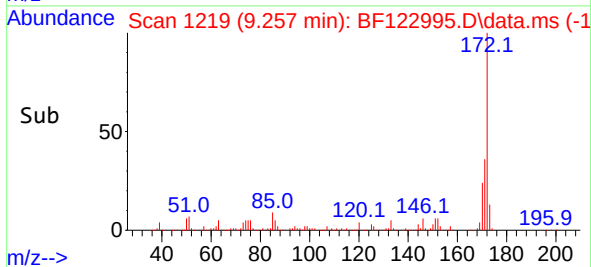
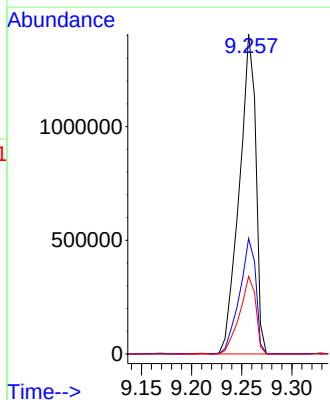
Tgt Ion:196 Resp: 265783  
Ion Ratio Lower Upper  
196 100  
198 97.4 76.5 114.7  
97 67.8 40.1 60.1#  
132 35.0 23.3 34.9#



#45  
2-Fluorobiphenyl  
Concen: 78.47 ng  
RT: 9.257 min Scan# 1219  
Delta R.T. -0.000 min  
Lab File: BF122995.D  
Acq: 18 Jan 2021 19:29



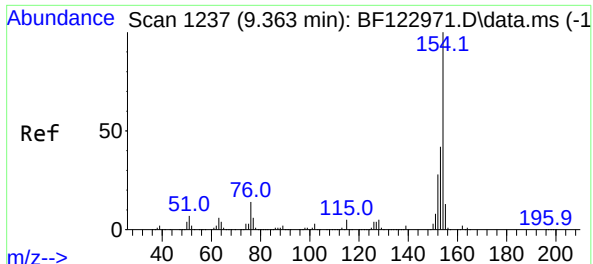
Tgt Ion:172 Resp: 1618420  
Ion Ratio Lower Upper  
172 100  
171 36.1 29.6 44.4  
170 24.3 19.5 29.3



Instrument :  
BNA\_F  
ClientSampleId :  
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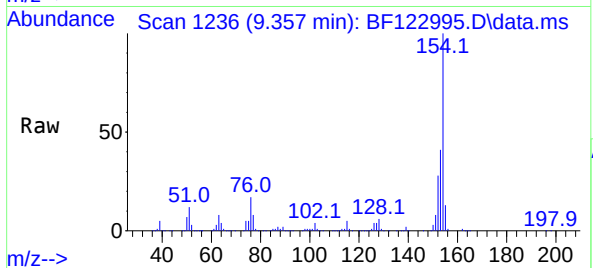
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#46  
1,1'-Biphenyl  
Concen: 45.63 ng  
RT: 9.357 min Scan# 1236  
Delta R.T. -0.006 min  
Lab File: BF122995.D  
Acq: 18 Jan 2021 19:29

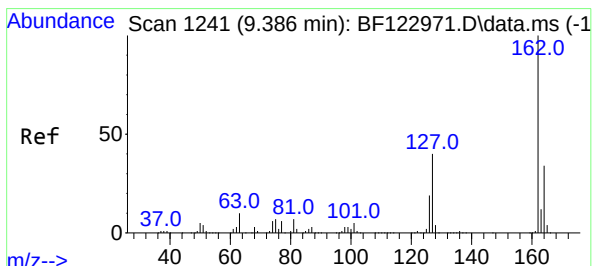
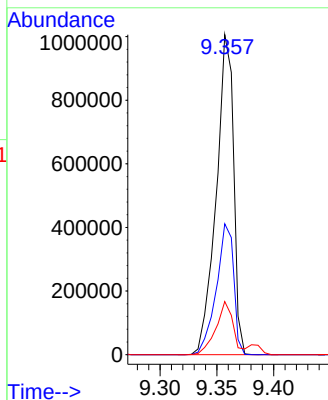
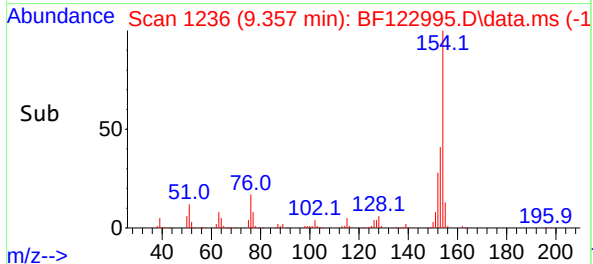
Instrument :  
BNA\_F  
ClientSampleId :  
BORE-2-1FT-7FTMS



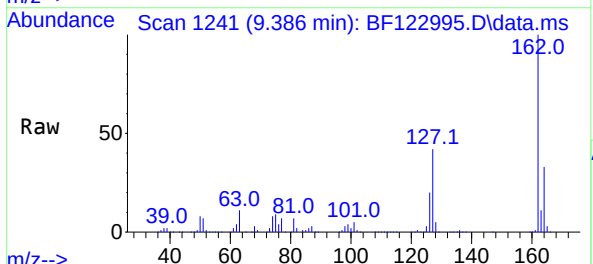
Tgt Ion:154 Resp: 1071733  
Ion Ratio Lower Upper  
154 100  
153 40.9 21.8 61.8  
76 16.6 0.0 33.4

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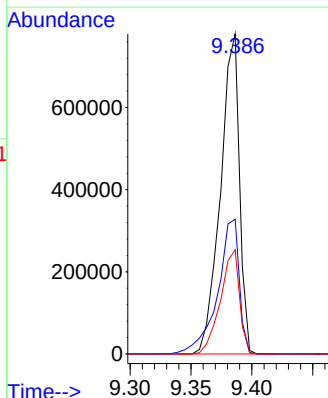
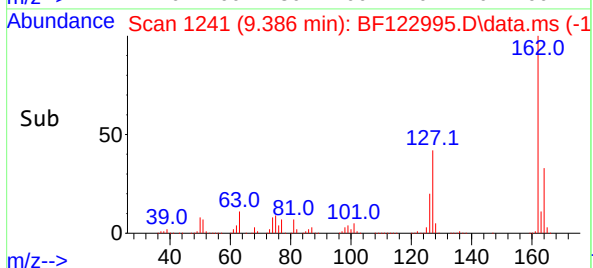
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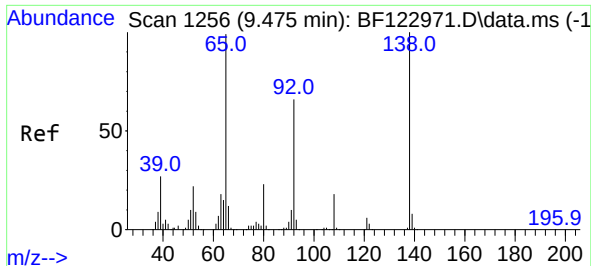


#47  
2-Chloronaphthalene  
Concen: 43.17 ng  
RT: 9.386 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: BF122995.D  
Acq: 18 Jan 2021 19:29



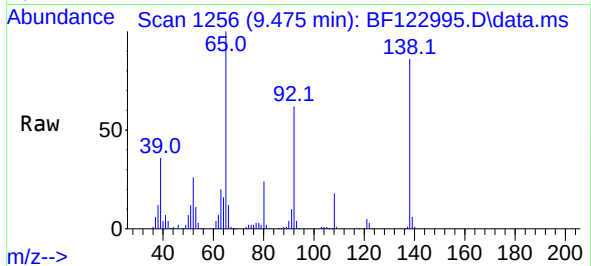
Tgt Ion:162 Resp: 845985  
Ion Ratio Lower Upper  
162 100  
127 42.1 33.8 50.8  
164 32.6 26.5 39.7





#48  
2-Nitroaniline  
Concen: 52.64 ng  
RT: 9.475 min Scan# 1256  
Delta R.T. -0.000 min  
Lab File: BF122995.D  
Acq: 18 Jan 2021 19:29

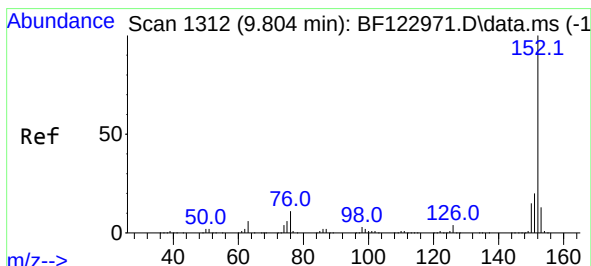
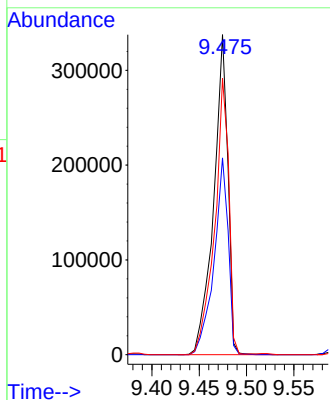
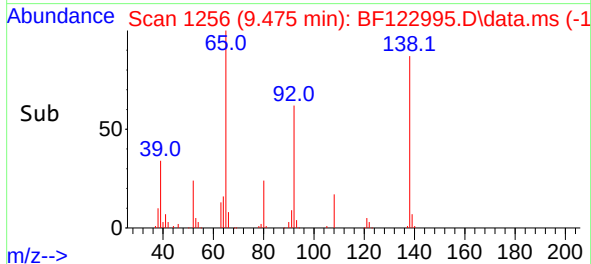
Instrument :  
BNA\_F  
ClientSampleId :  
BORE-2-1FT-7FTMS



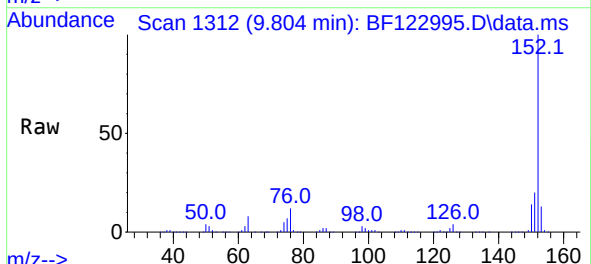
Tgt Ion: 65 Resp: 351597  
Ion Ratio Lower Upper  
65 100  
92 61.5 60.0 90.0  
138 86.3 100.6 151.0#

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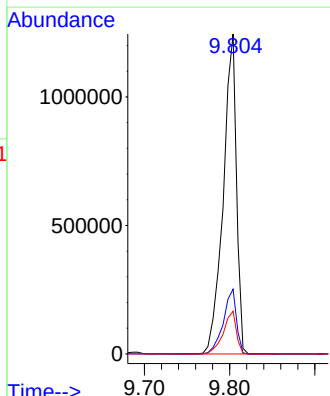
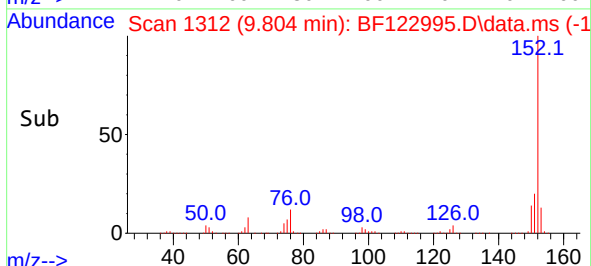
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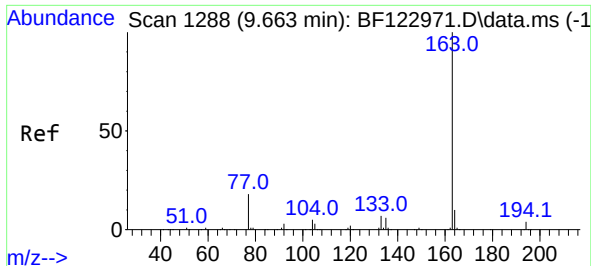


#49  
Acenaphthylene  
Concen: 46.99 ng  
RT: 9.804 min Scan# 1312  
Delta R.T. -0.000 min  
Lab File: BF122995.D  
Acq: 18 Jan 2021 19:29



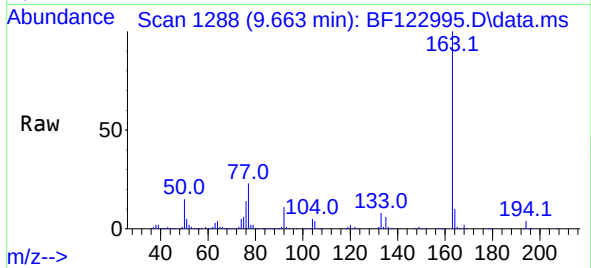
Tgt Ion: 152 Resp: 1343459  
Ion Ratio Lower Upper  
152 100  
151 20.2 16.6 25.0  
153 13.3 10.9 16.3





#50  
Dimethylphthalate  
Concen: 46.92 ng  
RT: 9.663 min Scan# 1288  
Delta R.T. -0.000 min  
Lab File: BF122995.D  
Acq: 18 Jan 2021 19:29

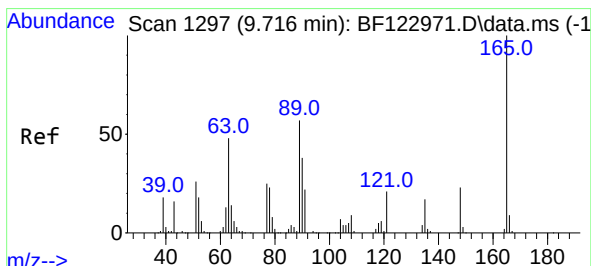
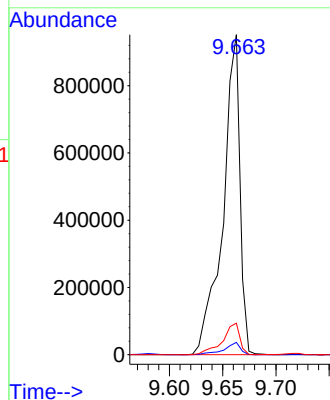
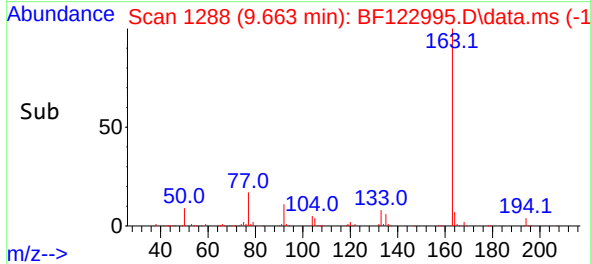
Instrument :  
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ClientSampleId :  
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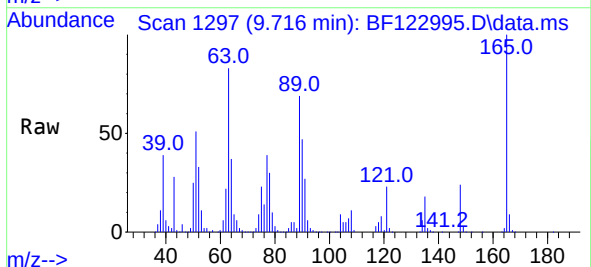
Tgt Ion:163 Resp: 1051882  
Ion Ratio Lower Upper  
163 100  
194 3.9 3.4 5.0  
164 9.8 8.1 12.1

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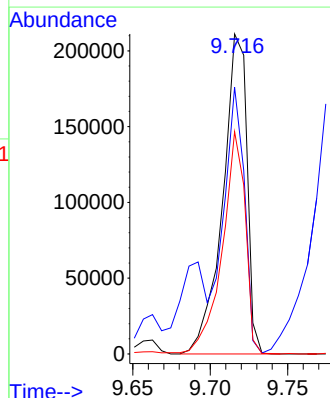
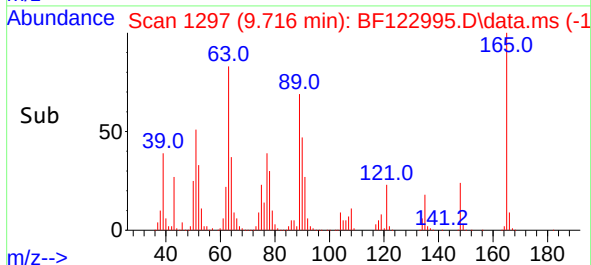
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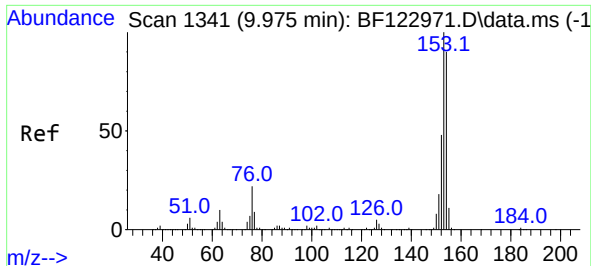


#51  
2,6-Dinitrotoluene  
Concen: 46.97 ng  
RT: 9.716 min Scan# 1297  
Delta R.T. -0.000 min  
Lab File: BF122995.D  
Acq: 18 Jan 2021 19:29



Tgt Ion:165 Resp: 230318  
Ion Ratio Lower Upper  
165 100  
63 83.4 36.6 55.0#  
89 69.4 39.4 59.0#





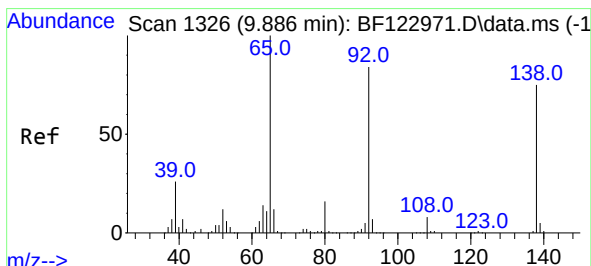
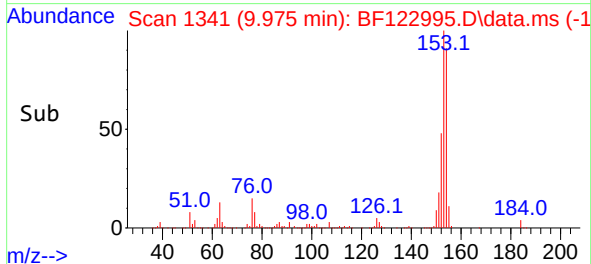
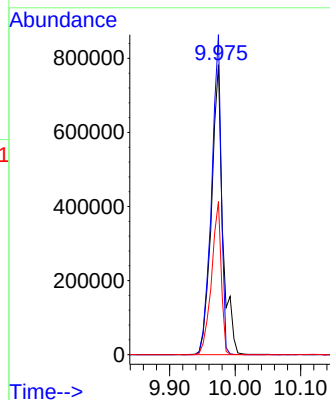
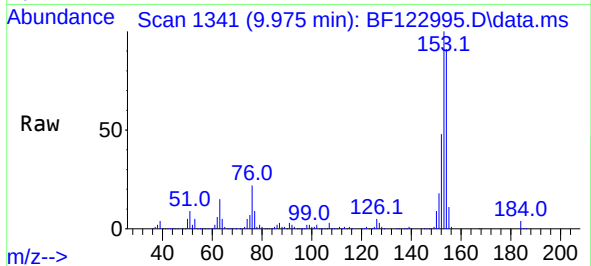
#52  
Acenaphthene  
Concen: 50.98 ng  
RT: 9.975 min Scan# 1341  
Delta R.T. -0.000 min  
Lab File: BF122995.D  
Acq: 18 Jan 2021 19:29

Tgt Ion:154 Resp: 942104  
Ion Ratio Lower Upper  
154 100  
153 110.3 89.0 133.6  
152 52.8 42.7 64.1

Instrument :  
BNA\_F  
ClientSampleId :  
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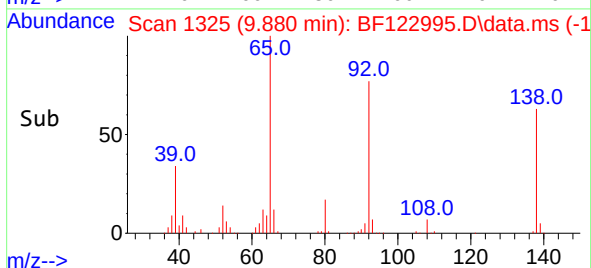
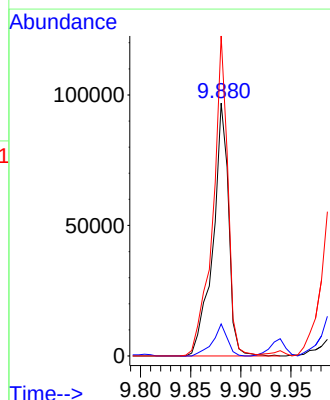
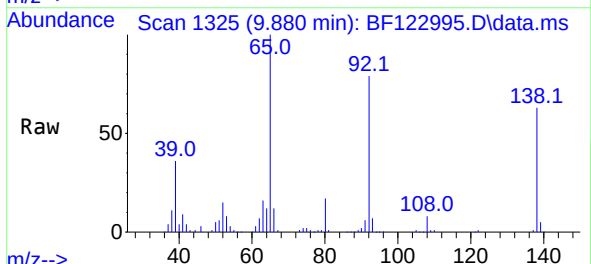
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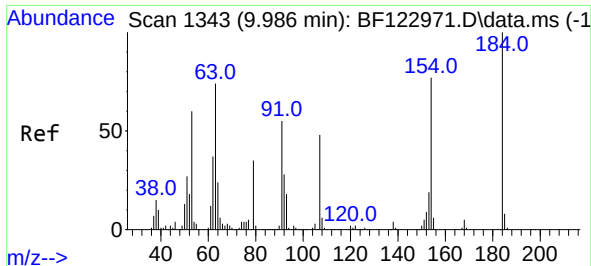
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#53  
3-Nitroaniline  
Concen: 17.23 ng  
RT: 9.880 min Scan# 1325  
Delta R.T. -0.006 min  
Lab File: BF122995.D  
Acq: 18 Jan 2021 19:29

Tgt Ion:138 Resp: 104421  
Ion Ratio Lower Upper  
138 100  
108 12.7 8.2 12.2#  
92 126.6 85.4 128.2





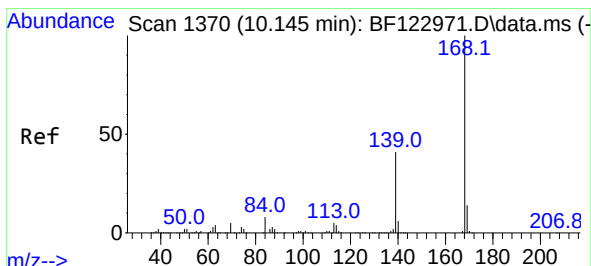
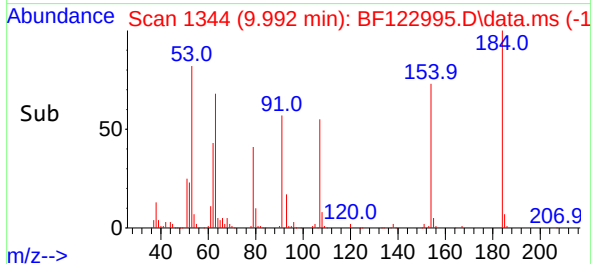
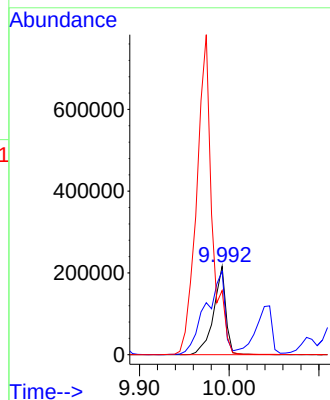
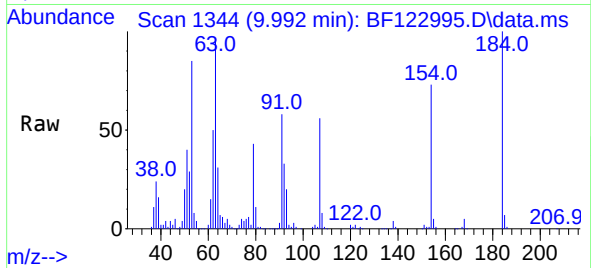
#54  
2,4-Dinitrophenol  
Concen: 73.50 ng  
RT: 9.992 min Scan# 1344  
Delta R.T. 0.006 min  
Lab File: BF122995.D  
Acq: 18 Jan 2021 19:29

Tgt Ion:184 Resp: 205066  
Ion Ratio Lower Upper  
184 100  
63 94.6 51.4 77.2#  
154 72.7 49.7 74.5

Instrument :  
BNA\_F  
ClientSampleId :  
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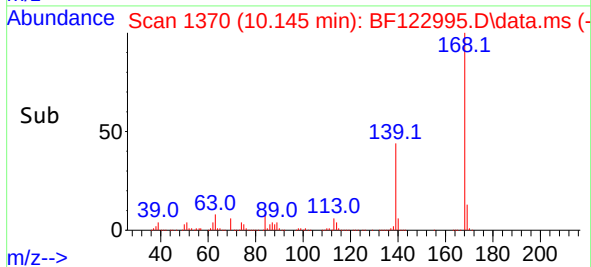
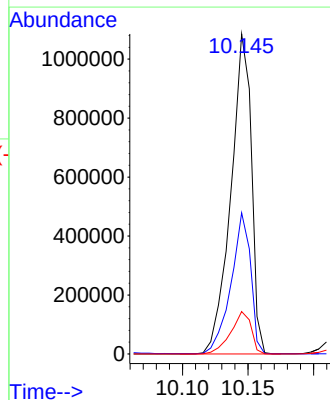
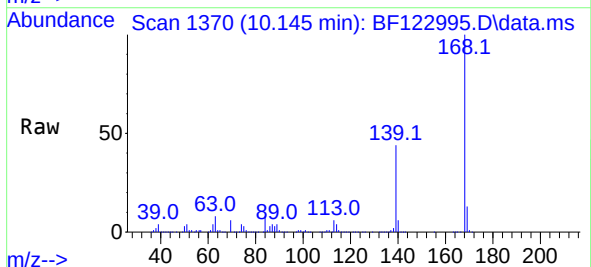
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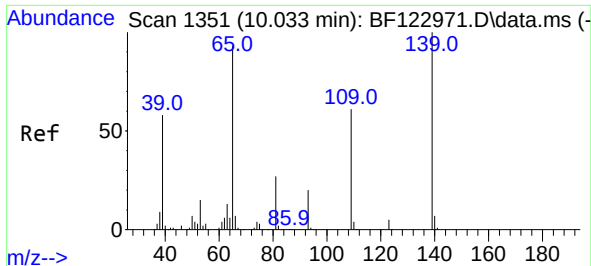
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#55  
Dibenzofuran  
Concen: 45.99 ng  
RT: 10.145 min Scan# 1370  
Delta R.T. -0.000 min  
Lab File: BF122995.D  
Acq: 18 Jan 2021 19:29

Tgt Ion:168 Resp: 1184807  
Ion Ratio Lower Upper  
168 100  
139 44.1 31.3 46.9  
169 13.2 11.2 16.8





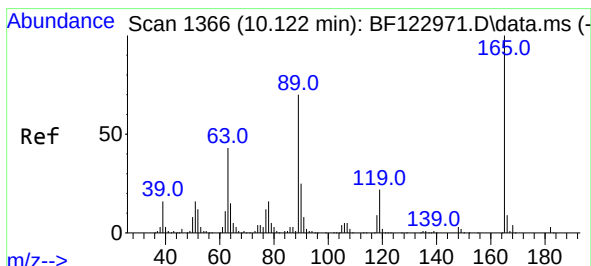
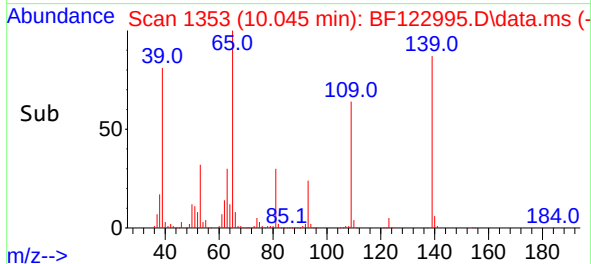
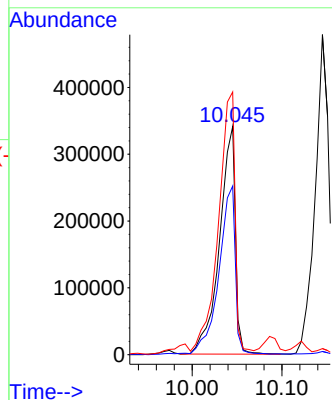
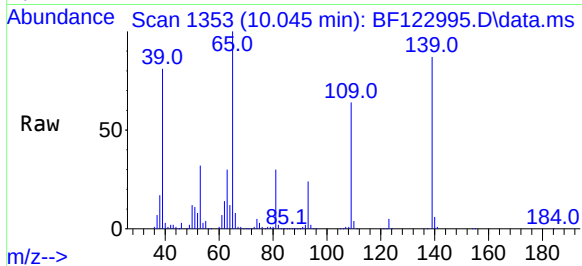
#56  
4-Nitrophenol  
Concen: 94.04 ng  
RT: 10.045 min Scan# 1353  
Delta R.T. 0.012 min  
Lab File: BF122995.D  
Acq: 18 Jan 2021 19:29

Tgt Ion:139 Resp: 420114  
Ion Ratio Lower Upper  
139 100  
109 73.9 45.1 85.1  
65 115.2 59.2 99.2#

Instrument :  
BNA\_F  
ClientSampleId :  
BORE-2-1FT-7FTMS

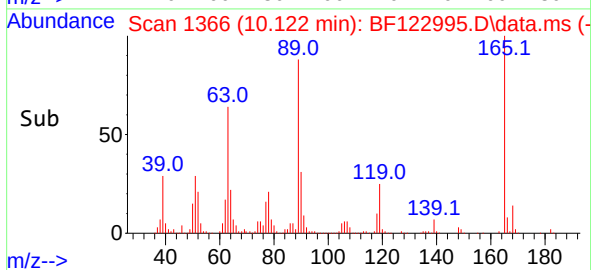
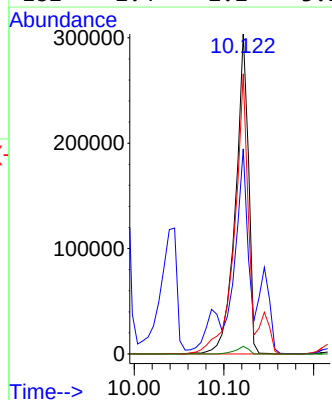
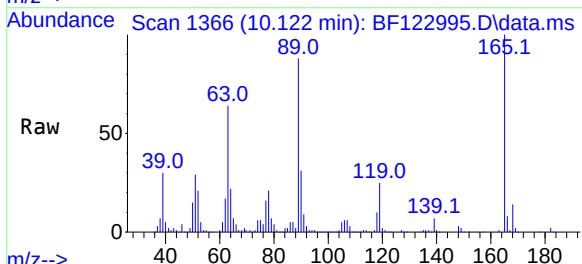
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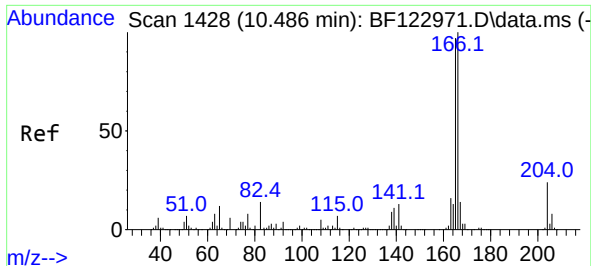
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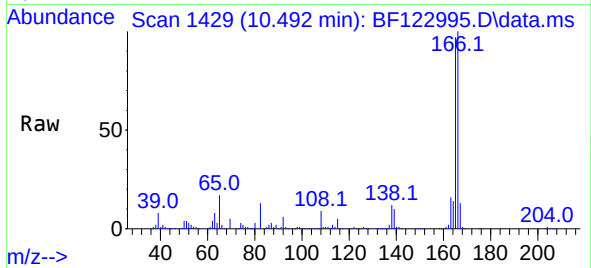
#57  
2,4-Dinitrotoluene  
Concen: 48.47 ng  
RT: 10.122 min Scan# 1366  
Delta R.T. -0.000 min  
Lab File: BF122995.D  
Acq: 18 Jan 2021 19:29

Tgt Ion:165 Resp: 305682  
Ion Ratio Lower Upper  
165 100  
63 64.1 34.3 51.5#  
89 87.5 55.2 82.8#  
182 2.4 2.2 3.2

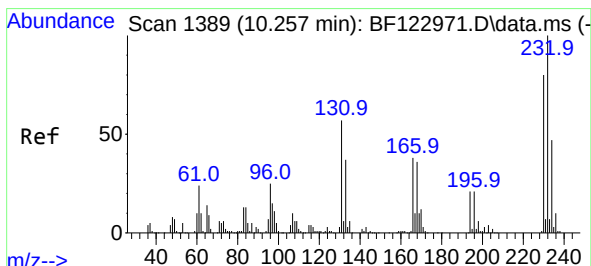
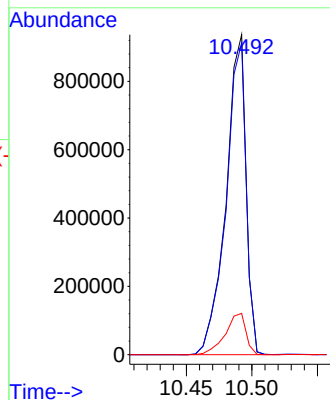
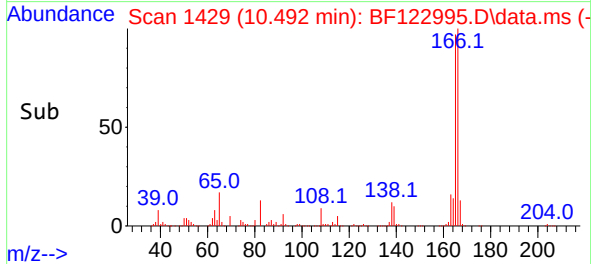




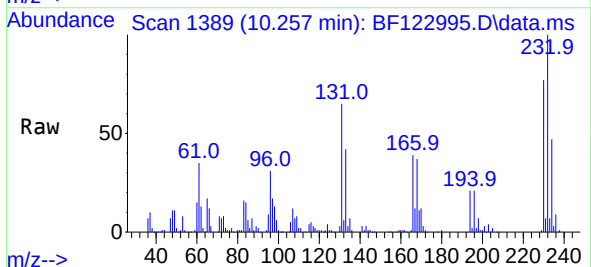
#58  
Fluorene  
Concen: 49.35 ng  
RT: 10.492 min Scan# 1429  
Delta R.T. 0.006 min  
Lab File: BF122995.D  
Acq: 18 Jan 2021 19:29



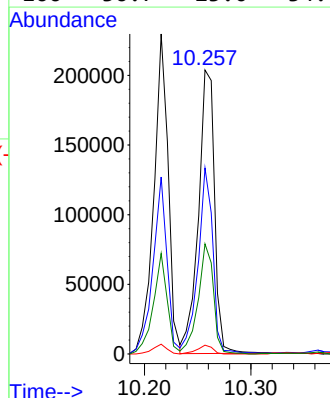
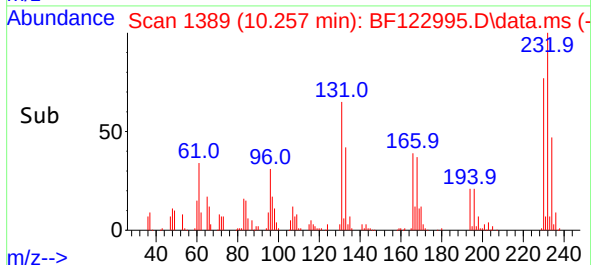
Tgt Ion:166 Resp: 994449  
Ion Ratio Lower Upper  
166 100  
165 97.5 79.4 119.0  
167 12.9 10.9 16.3



#59  
2,3,4,6-Tetrachlorophenol  
Concen: 45.05 ng  
RT: 10.257 min Scan# 1389  
Delta R.T. -0.000 min  
Lab File: BF122995.D  
Acq: 18 Jan 2021 19:29



Tgt Ion:232 Resp: 215611  
Ion Ratio Lower Upper  
232 100  
131 59.6 33.0 49.4#  
130 3.0 1.7 2.5#  
166 36.7 23.0 34.4#

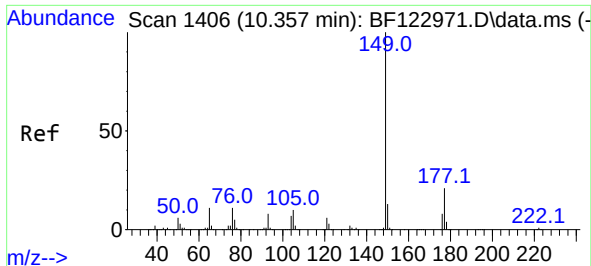


Instrument :  
BNA\_F  
ClientSampleId :  
BORE-2-1FT-7FTMS

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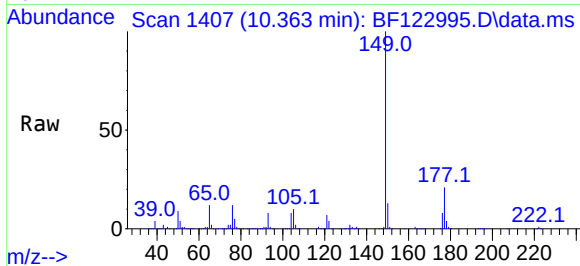
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#60  
Diethylphthalate  
Concen: 49.18 ng  
RT: 10.363 min Scan# 1407  
Delta R.T. 0.006 min  
Lab File: BF122995.D  
Acq: 18 Jan 2021 19:29

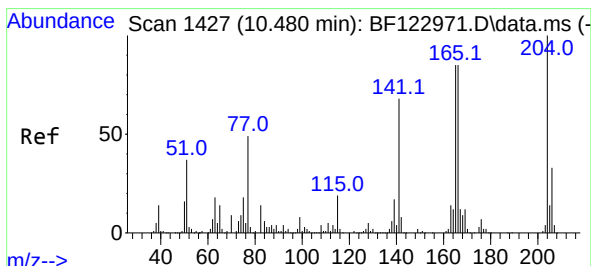
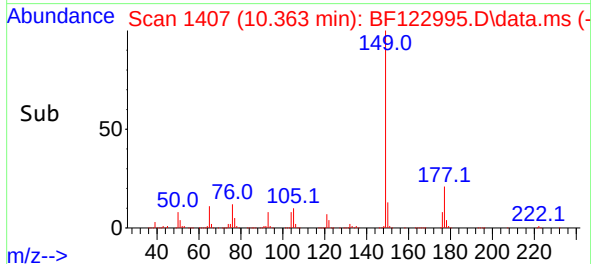
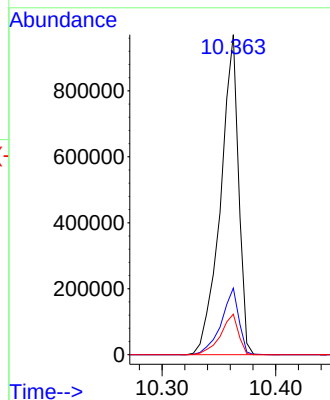
Instrument :  
BNA\_F  
ClientSampleId :  
BORE-2-1FT-7FTMS



Tgt Ion:149 Resp: 1071548  
Ion Ratio Lower Upper  
149 100  
177 20.8 18.2 27.4  
150 12.6 10.1 15.1

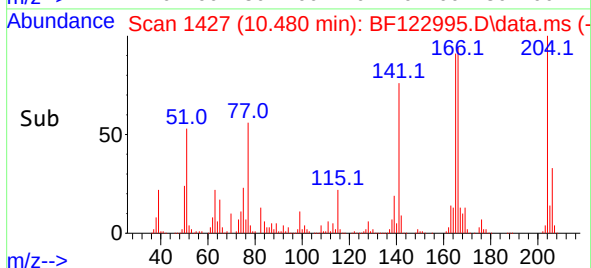
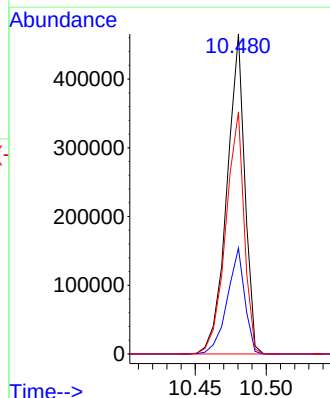
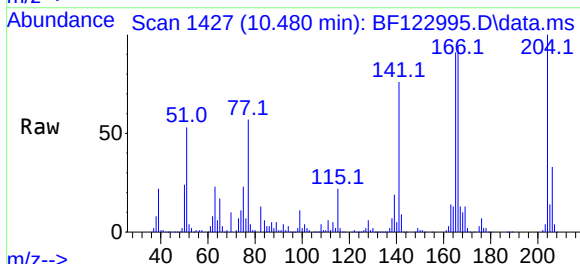
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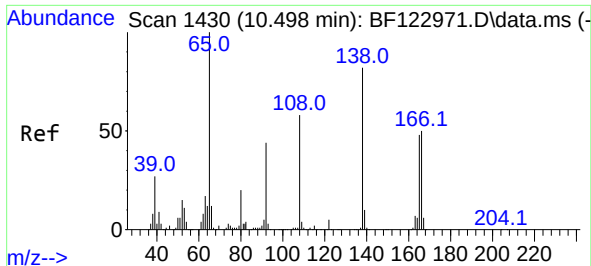
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#61  
4-Chlorophenyl-phenylether  
Concen: 45.09 ng  
RT: 10.480 min Scan# 1427  
Delta R.T. -0.000 min  
Lab File: BF122995.D  
Acq: 18 Jan 2021 19:29

Tgt Ion:204 Resp: 408550  
Ion Ratio Lower Upper  
204 100  
206 33.1 27.0 40.4  
141 75.6 50.4 75.6#





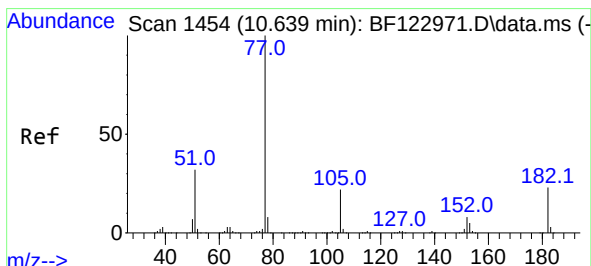
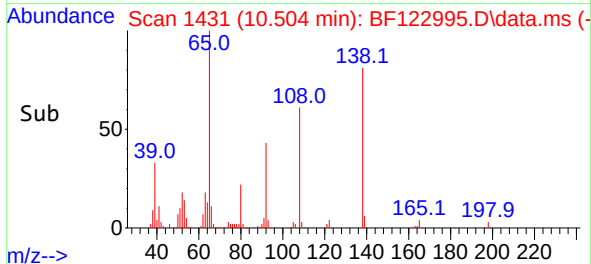
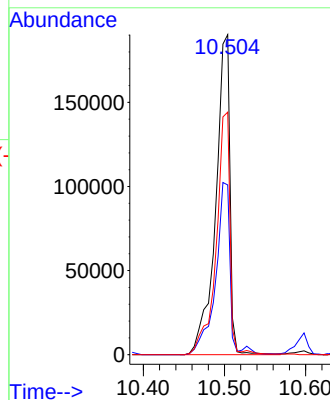
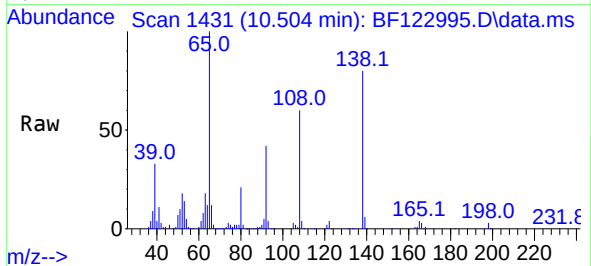
#62  
4-Nitroaniline  
Concen: 38.89 ng  
RT: 10.504 min Scan# 1431  
Delta R.T. 0.006 min  
Lab File: BF122995.D  
Acq: 18 Jan 2021 19:29

Tgt Ion:138 Resp: 232507  
Ion Ratio Lower Upper  
138 100  
92 53.1 31.0 71.0  
108 75.8 54.8 94.8

Instrument :  
BNA\_F  
ClientSampleId :  
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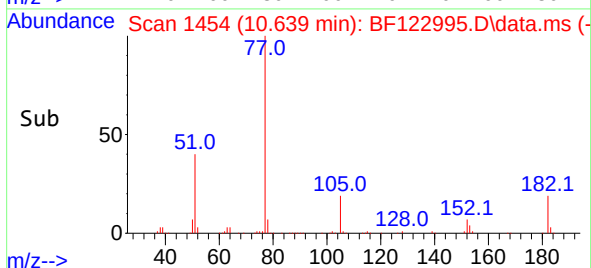
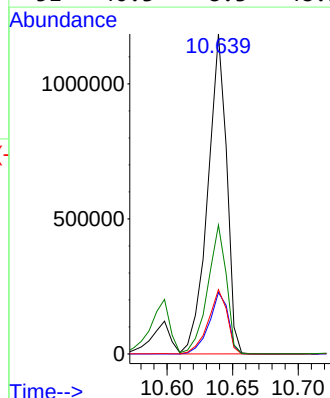
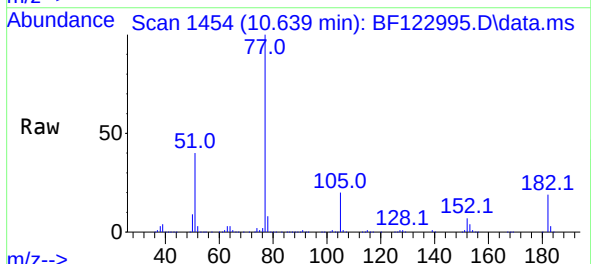
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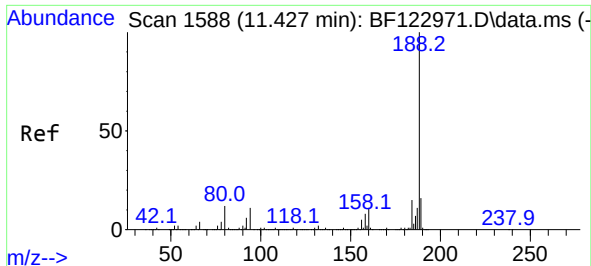
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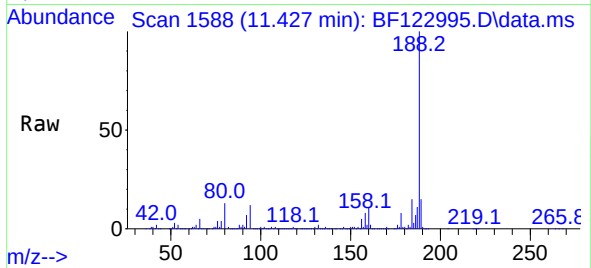
#63  
Azobenzene  
Concen: 54.38 ng  
RT: 10.639 min Scan# 1454  
Delta R.T. -0.000 min  
Lab File: BF122995.D  
Acq: 18 Jan 2021 19:29

Tgt Ion: 77 Resp: 1185345  
Ion Ratio Lower Upper  
77 100  
182 19.2 5.6 45.6  
105 20.1 1.8 41.8  
51 40.3 8.3 48.3

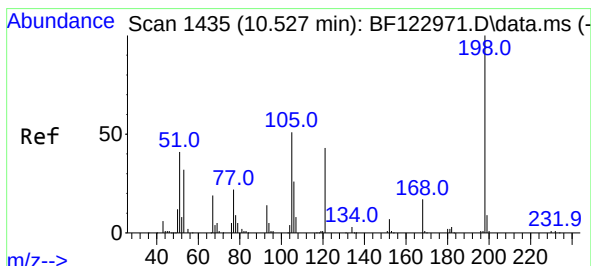
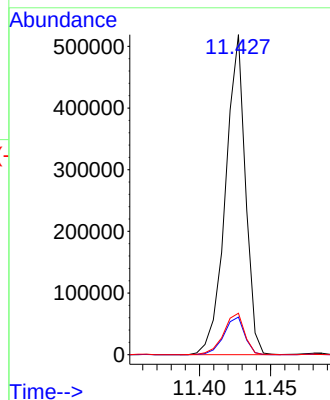
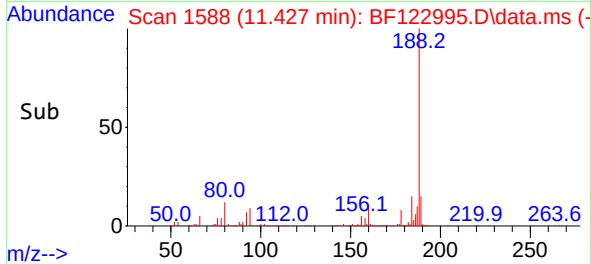




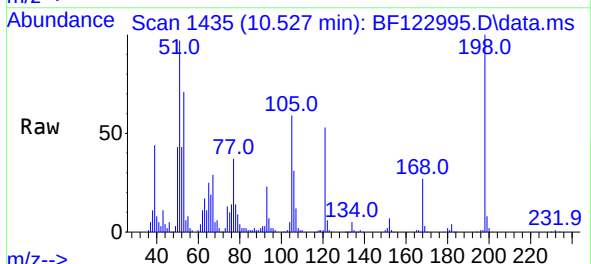
#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.427 min Scan# 1588  
Delta R.T. -0.000 min  
Lab File: BF122995.D  
Acq: 18 Jan 2021 19:29



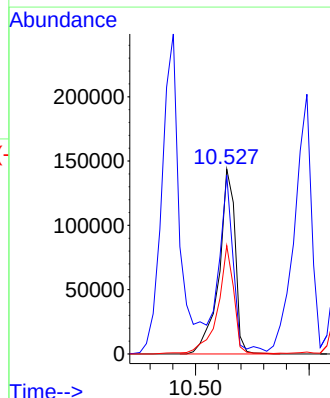
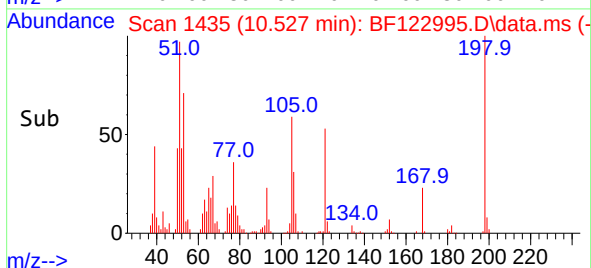
Tgt Ion:188 Resp: 504958  
Ion Ratio Lower Upper  
188 100  
94 11.8 7.4 11.2#  
80 12.9 8.2 12.4#



#65  
4,6-Dinitro-2-methylphenol  
Concen: 50.15 ng  
RT: 10.527 min Scan# 1435  
Delta R.T. 0.000 min  
Lab File: BF122995.D  
Acq: 18 Jan 2021 19:29



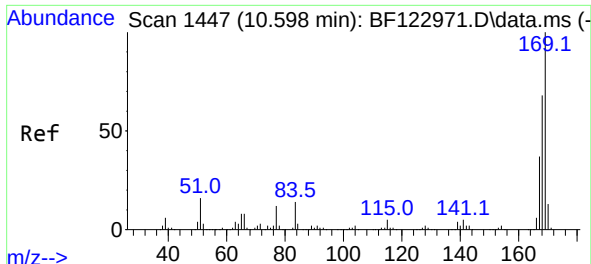
Tgt Ion:198 Resp: 142613  
Ion Ratio Lower Upper  
198 100  
51 96.8 20.3 60.3#  
105 58.7 23.0 63.0



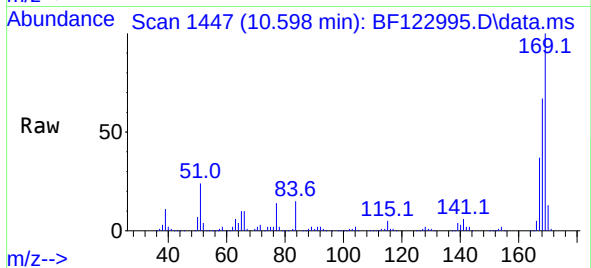
Instrument :  
BNA\_F  
ClientSampleId :  
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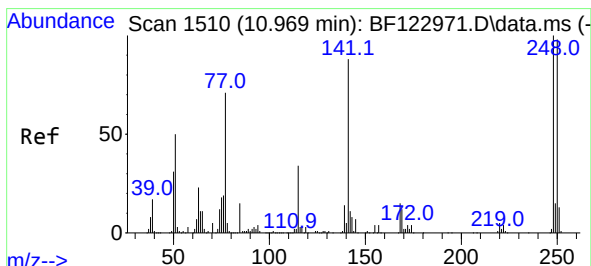
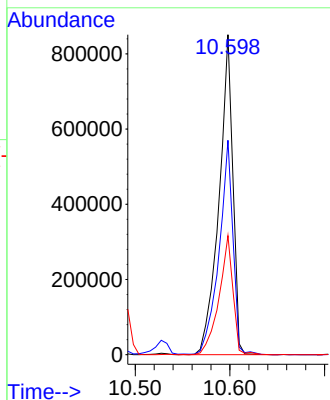
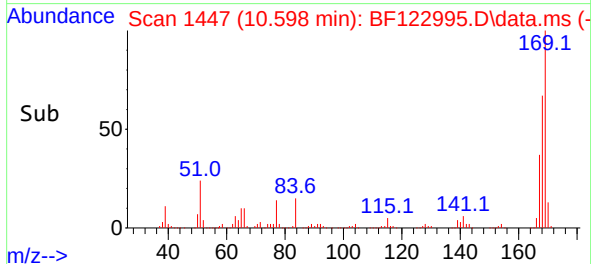
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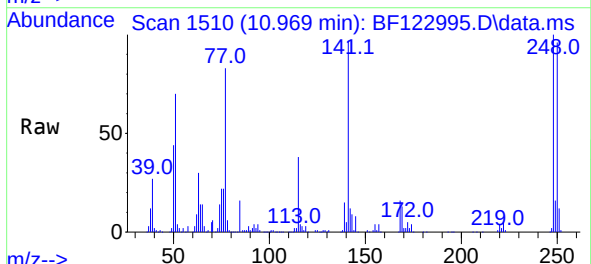
#66  
n-Nitrosodiphenylamine  
Concen: 46.08 ng  
RT: 10.598 min Scan# 1447  
Delta R.T. -0.000 min  
Lab File: BF122995.D  
Acq: 18 Jan 2021 19:29



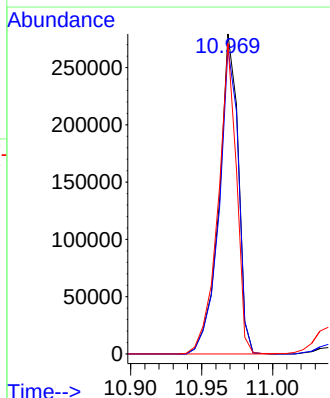
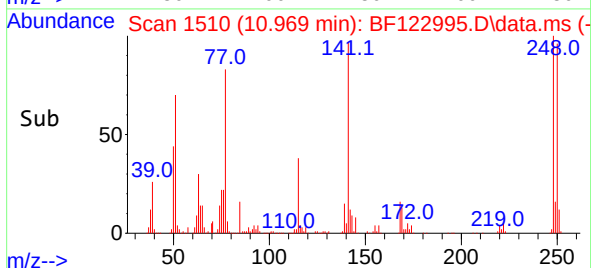
Tgt Ion:169 Resp: 868645  
Ion Ratio Lower Upper  
169 100  
168 67.0 54.2 81.2  
167 37.2 29.2 43.8



#67  
4-Bromophenyl-phenylether  
Concen: 42.25 ng  
RT: 10.969 min Scan# 1510  
Delta R.T. -0.000 min  
Lab File: BF122995.D  
Acq: 18 Jan 2021 19:29



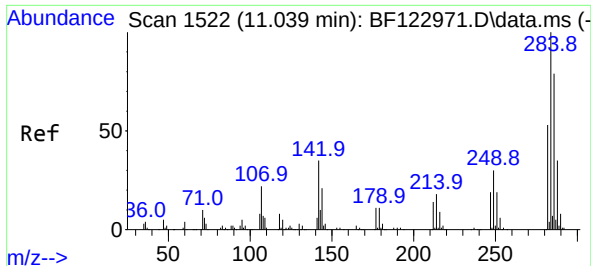
Tgt Ion:248 Resp: 260844  
Ion Ratio Lower Upper  
248 100  
250 95.6 76.8 115.2  
141 97.0 59.8 89.8#



Instrument :  
BNA\_F  
ClientSampleId :  
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Manual Integrations  
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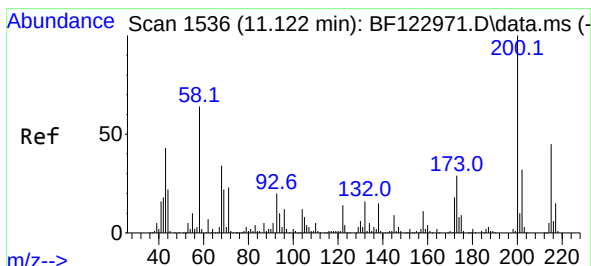
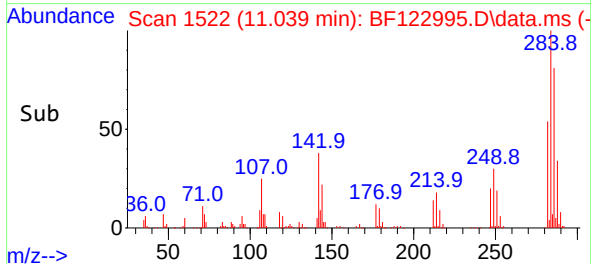
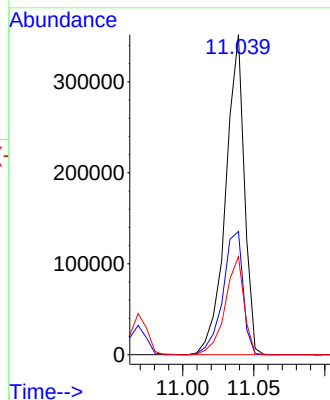
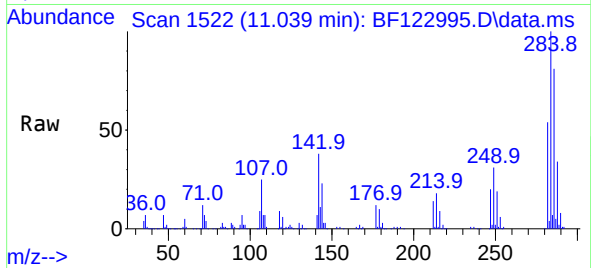
#68  
Hexachlorobenzene  
Concen: 45.43 ng  
RT: 11.039 min Scan# 1522  
Delta R.T. -0.000 min  
Lab File: BF122995.D  
Acq: 18 Jan 2021 19:29

Tgt Ion:284 Resp: 320718  
Ion Ratio Lower Upper  
284 100  
142 38.5 25.6 38.4#  
249 30.6 25.1 37.7

Instrument :  
BNA\_F  
ClientSampleId :  
BORE-2-1FT-7FTMS

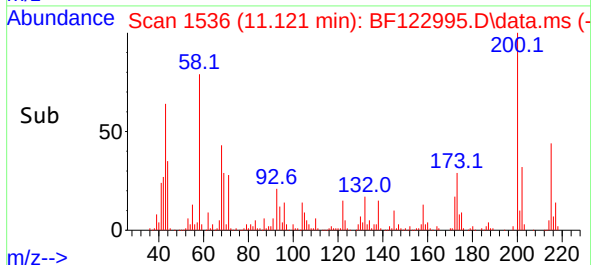
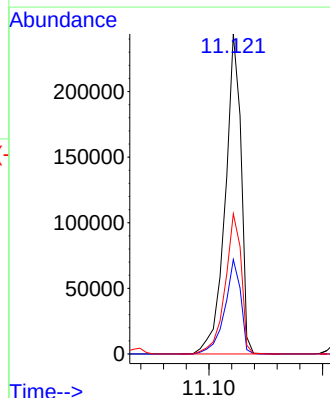
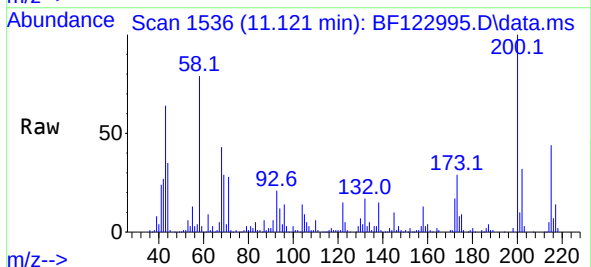
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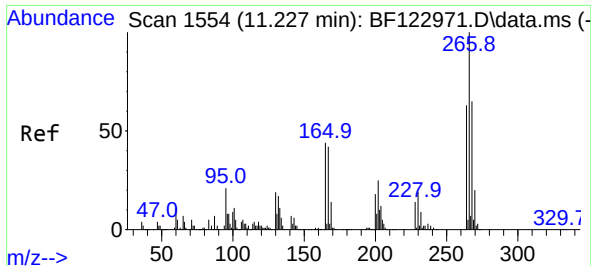
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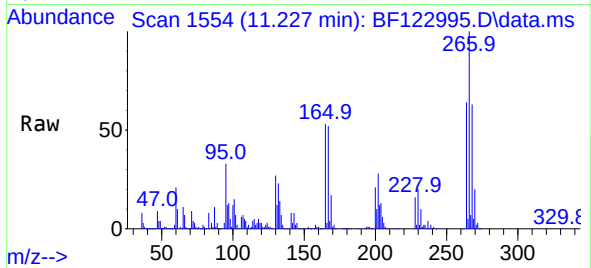
#69  
Atrazine  
Concen: 46.95 ng  
RT: 11.121 min Scan# 1536  
Delta R.T. -0.000 min  
Lab File: BF122995.D  
Acq: 18 Jan 2021 19:29

Tgt Ion:200 Resp: 235627  
Ion Ratio Lower Upper  
200 100  
173 29.5 6.6 46.6  
215 43.8 28.1 68.1

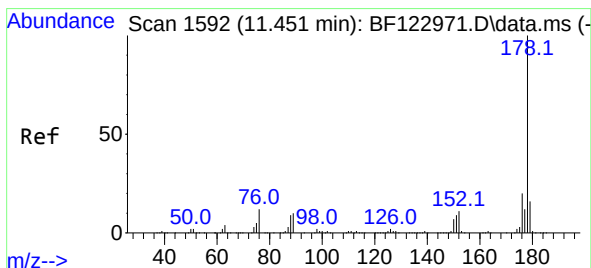
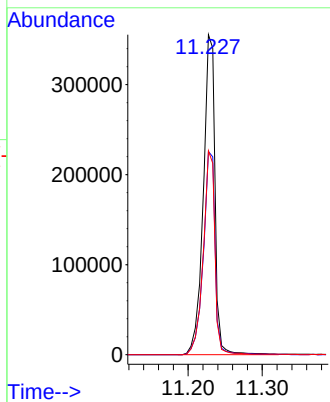
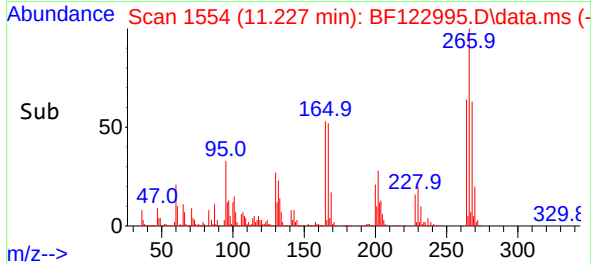




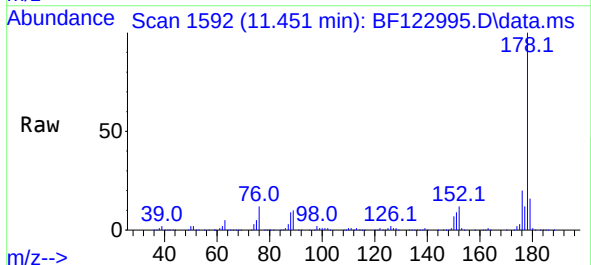
#70  
Pentachlorophenol  
Concen: 105.49 ng  
RT: 11.227 min Scan# 1554  
Delta R.T. -0.000 min  
Lab File: BF122995.D  
Acq: 18 Jan 2021 19:29



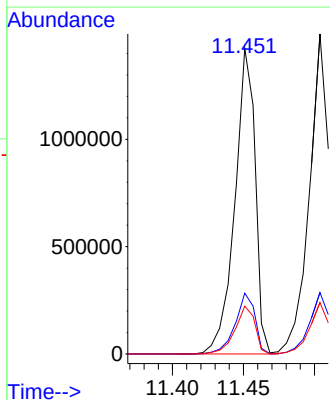
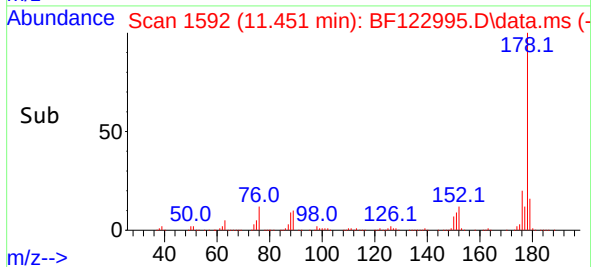
Tgt Ion:266 Resp: 391696  
Ion Ratio Lower Upper  
266 100  
268 63.5 50.5 75.7  
264 63.7 49.8 74.8



#71  
Phenanthrene  
Concen: 46.97 ng  
RT: 11.451 min Scan# 1592  
Delta R.T. -0.000 min  
Lab File: BF122995.D  
Acq: 18 Jan 2021 19:29



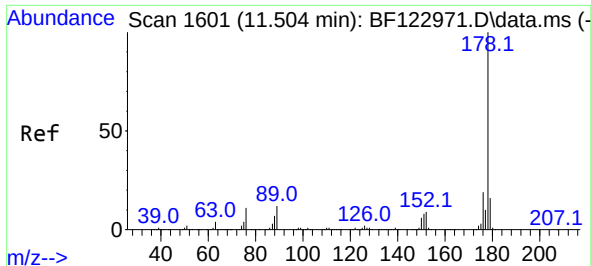
Tgt Ion:178 Resp: 1421223  
Ion Ratio Lower Upper  
178 100  
176 19.9 16.2 24.2  
179 15.7 12.7 19.1



Instrument :  
BNA\_F  
ClientSampleId :  
BORE-2-1FT-7FTMS

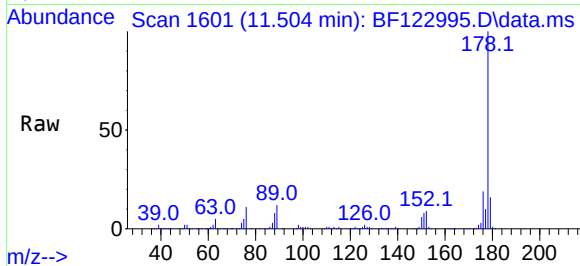
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#72  
 Anthracene  
 Concen: 47.40 ng  
 RT: 11.504 min Scan# 1601  
 Delta R.T. -0.000 min  
 Lab File: BF122995.D  
 Acq: 18 Jan 2021 19:29

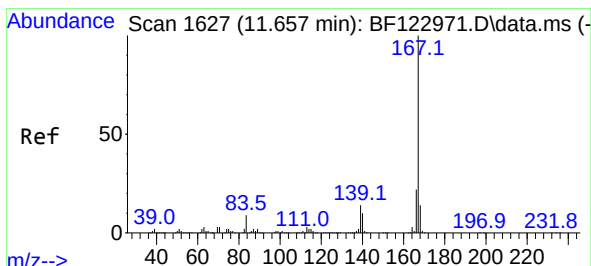
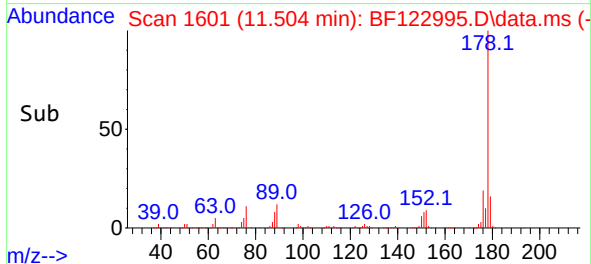
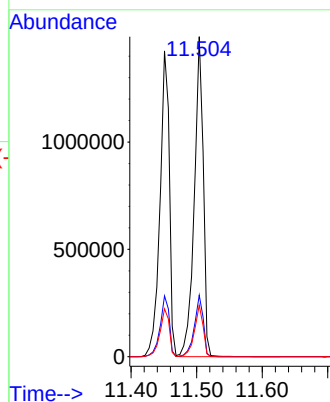
Instrument :  
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 ClientSampleId :  
 BORE-2-1FT-7FTMS



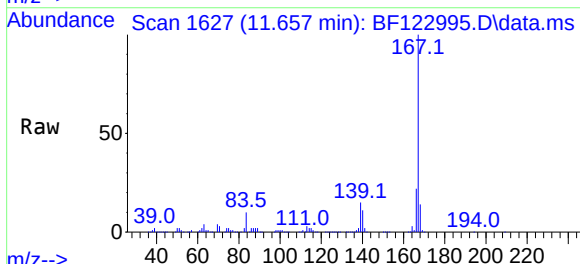
Tgt Ion:178 Resp: 1417584  
 Ion Ratio Lower Upper  
 178 100  
 176 19.2 15.6 23.4  
 179 16.1 12.8 19.2

Manual Integrations  
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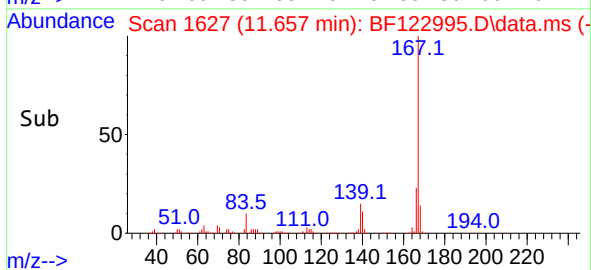
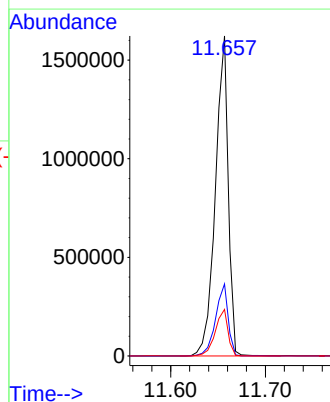
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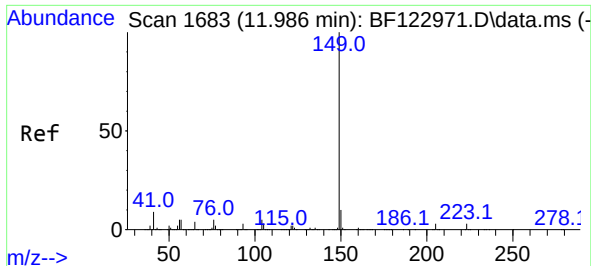


#73  
 Carbazole  
 Concen: 52.91 ng  
 RT: 11.657 min Scan# 1627  
 Delta R.T. -0.000 min  
 Lab File: BF122995.D  
 Acq: 18 Jan 2021 19:29



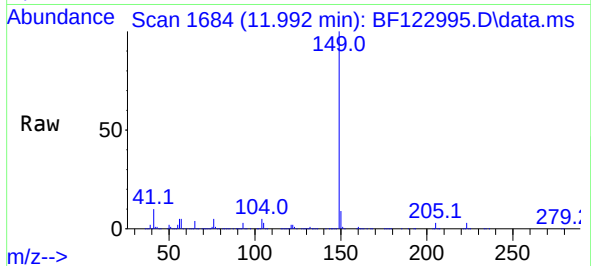
Tgt Ion:167 Resp: 1533998  
 Ion Ratio Lower Upper  
 167 100  
 166 22.5 18.0 27.0  
 139 14.6 10.9 16.3



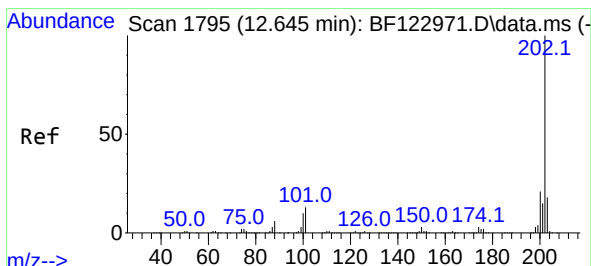
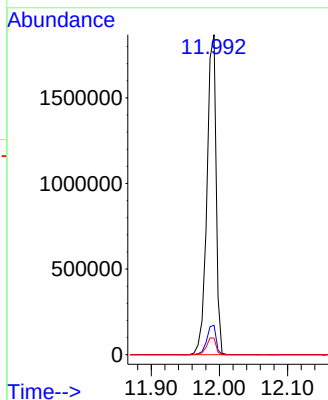
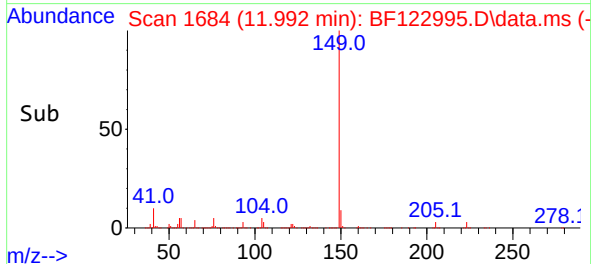


#74  
Di-n-butylphthalate  
Concen: 50.94 ng  
RT: 11.992 min Scan# 1684  
Delta R.T. 0.006 min  
Lab File: BF122995.D  
Acq: 18 Jan 2021 19:29

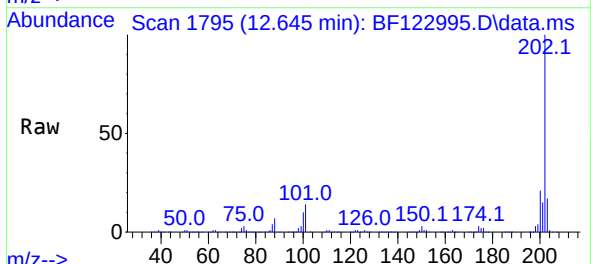
Instrument :  
BNA\_F  
ClientSampleId :  
BORE-2-1FT-7FTMS



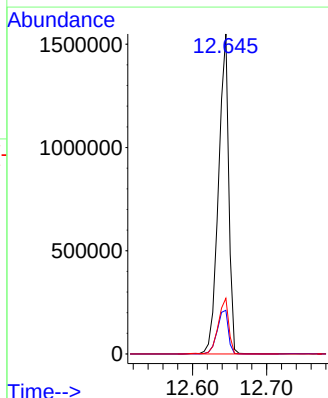
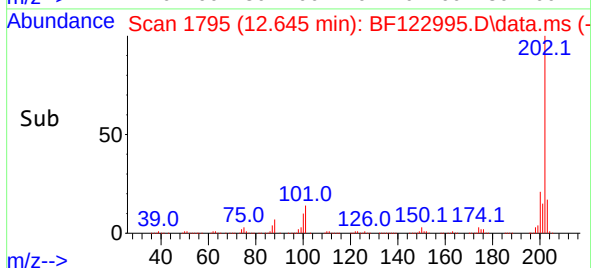
Tgt Ion:149 Resp: 1747535  
Ion Ratio Lower Upper  
149 100  
150 9.2 7.8 11.6  
104 5.2 4.2 6.4



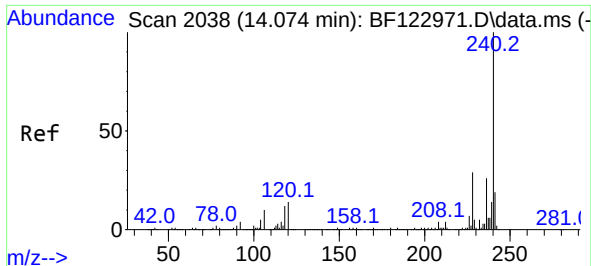
#75  
Fluoranthene  
Concen: 48.61 ng  
RT: 12.645 min Scan# 1795  
Delta R.T. -0.000 min  
Lab File: BF122995.D  
Acq: 18 Jan 2021 19:29



Tgt Ion:202 Resp: 1487964  
Ion Ratio Lower Upper  
202 100  
101 13.6 0.0 32.2  
203 17.4 0.0 38.1

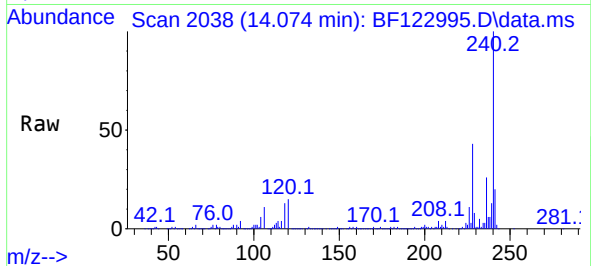






#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 14.074 min Scan# 2038  
Delta R.T. -0.000 min  
Lab File: BF122995.D  
Acq: 18 Jan 2021 19:29

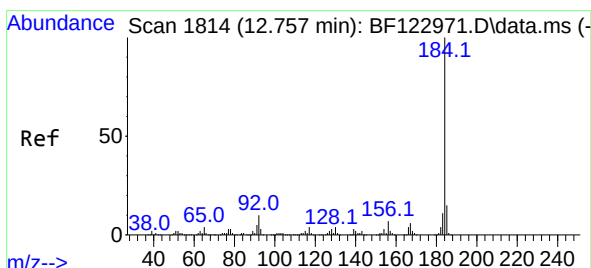
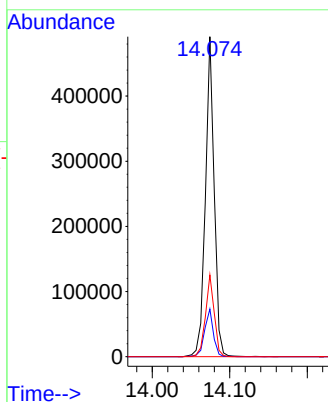
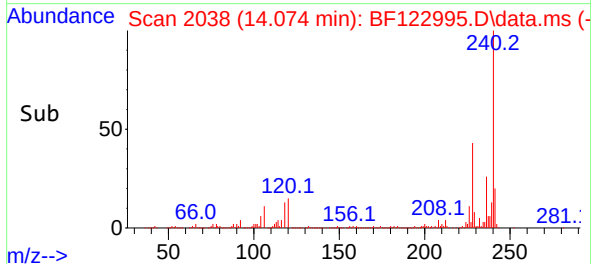
Instrument :  
BNA\_F  
ClientSampleId :  
BORE-2-1FT-7FTMS



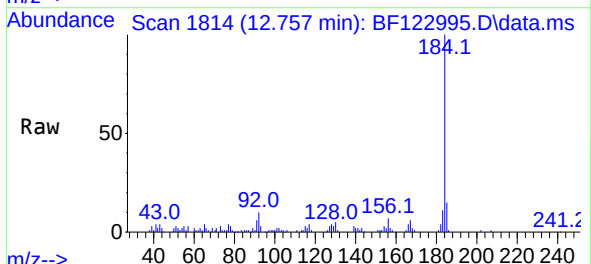
Tgt Ion:240 Resp: 386444  
Ion Ratio Lower Upper  
240 100  
120 14.9 8.6 12.8#  
236 25.5 20.3 30.5

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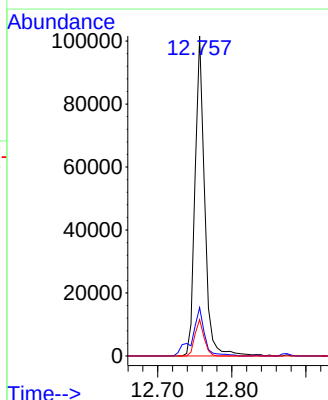
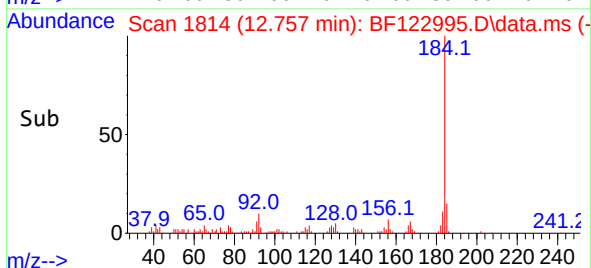
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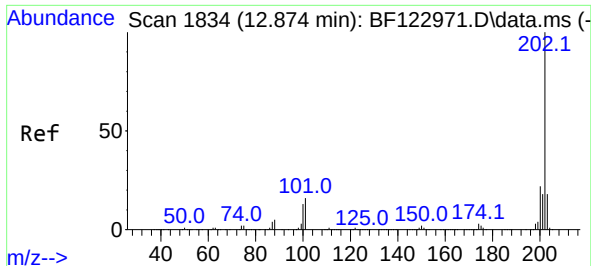


#77  
Benzidine  
Concen: 8.94 ng  
RT: 12.757 min Scan# 1814  
Delta R.T. -0.000 min  
Lab File: BF122995.D  
Acq: 18 Jan 2021 19:29



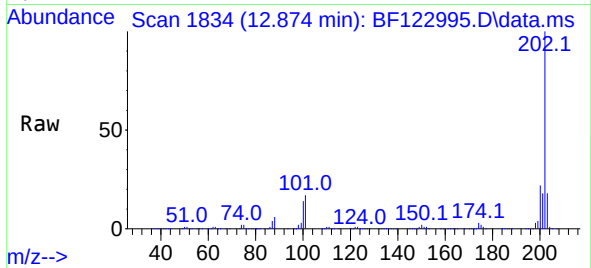
Tgt Ion:184 Resp: 91505  
Ion Ratio Lower Upper  
184 100  
185 15.1 11.8 17.6  
183 11.3 9.7 14.5





#78  
Pyrene  
Concen: 49.16 ng  
RT: 12.874 min Scan# 1834  
Delta R.T. -0.000 min  
Lab File: BF122995.D  
Acq: 18 Jan 2021 19:29

Instrument :  
BNA\_F  
ClientSampleId :  
BORE-2-1FT-7FTMS

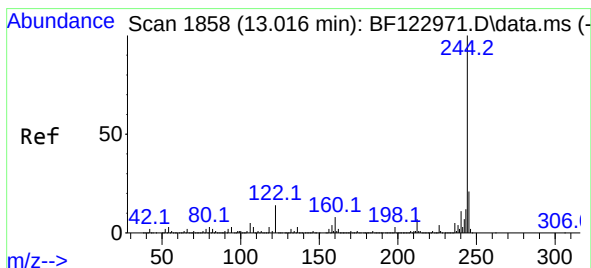
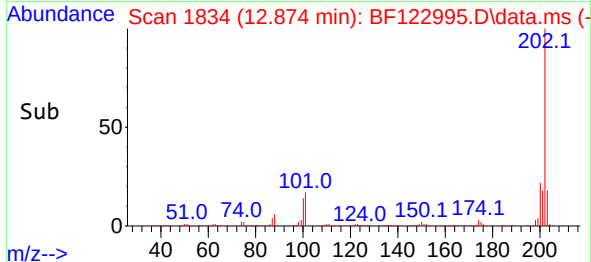
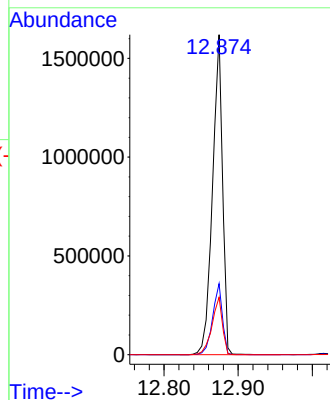


Tgt Ion:202 Resp: 1521077

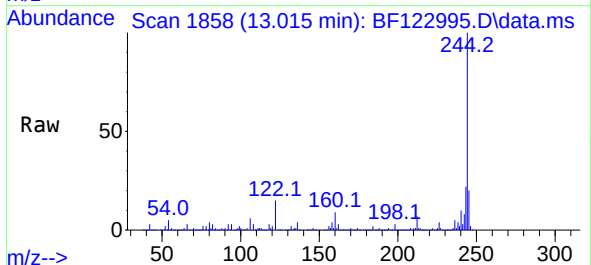
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 22.2  | 17.6  | 26.4  |
| 203 | 18.0  | 14.6  | 21.8  |

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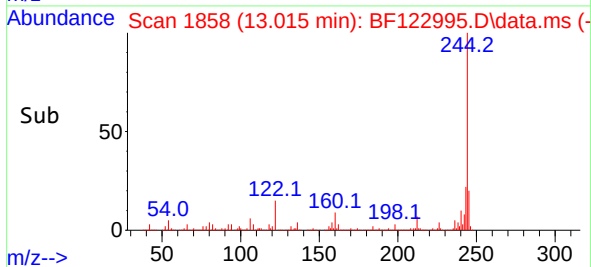
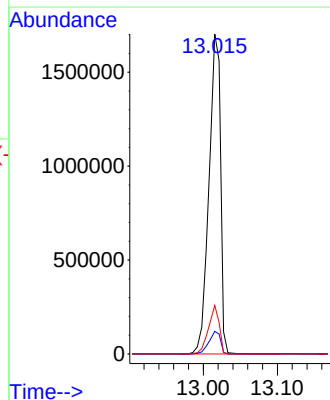


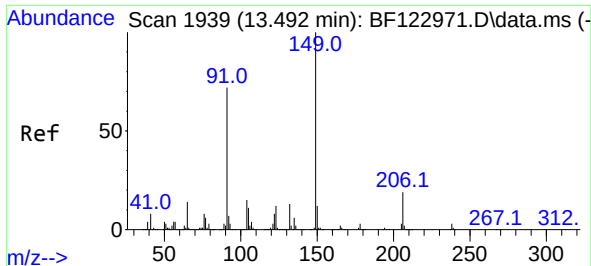
#79  
Terphenyl-d14  
Concen: 87.79 ng  
RT: 13.015 min Scan# 1858  
Delta R.T. -0.001 min  
Lab File: BF122995.D  
Acq: 18 Jan 2021 19:29



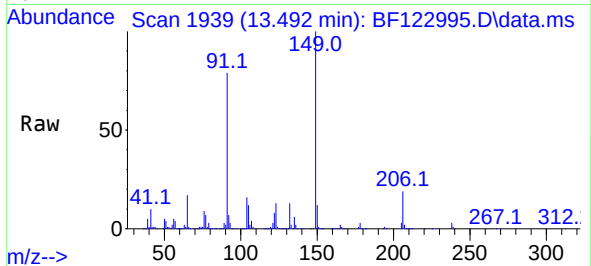
Tgt Ion:244 Resp: 1850348

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 7.1   | 5.7   | 8.5   |
| 122 | 15.2  | 8.3   | 12.5  |

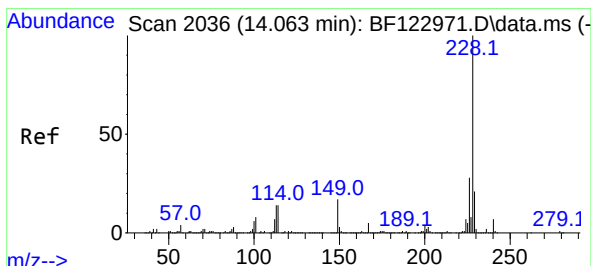
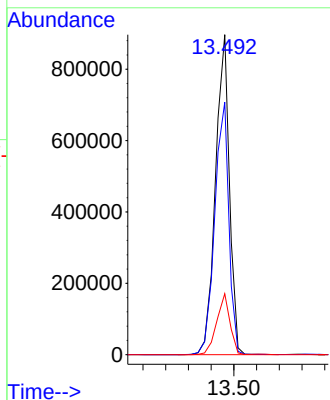
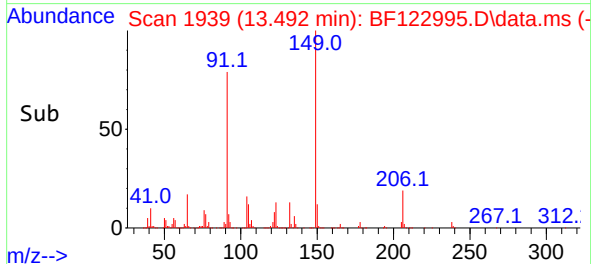




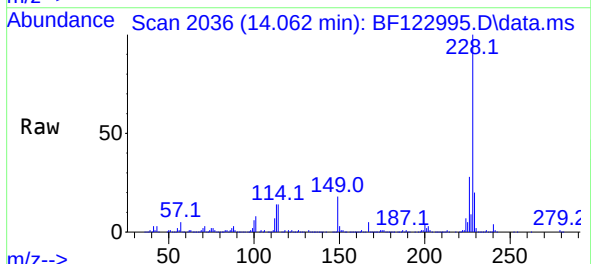
#80  
Butylbenzylphthalate  
Concen: 55.12 ng  
RT: 13.492 min Scan# 1939  
Delta R.T. -0.000 min  
Lab File: BF122995.D  
Acq: 18 Jan 2021 19:29



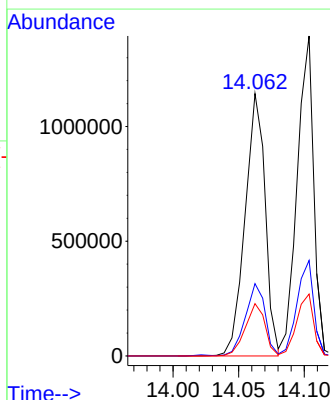
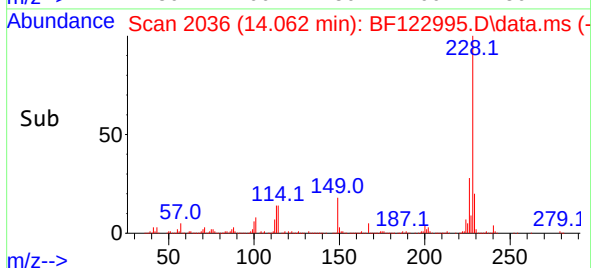
Tgt Ion:149 Resp: 764423  
Ion Ratio Lower Upper  
149 100  
91 78.9 56.5 84.7  
206 19.0 17.0 25.6



#81  
Benzo(a)anthracene  
Concen: 47.11 ng  
RT: 14.062 min Scan# 2036  
Delta R.T. -0.000 min  
Lab File: BF122995.D  
Acq: 18 Jan 2021 19:29



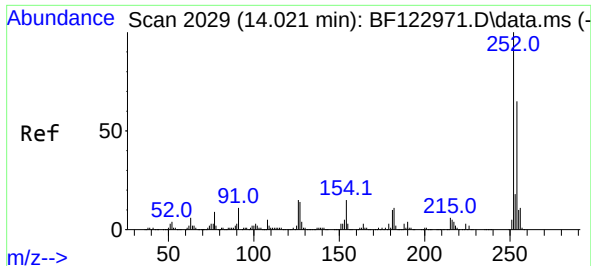
Tgt Ion:228 Resp: 1218386  
Ion Ratio Lower Upper  
228 100  
226 27.5 23.0 34.4  
229 20.0 16.6 24.8



Instrument :  
BNA\_F  
ClientSampleId :  
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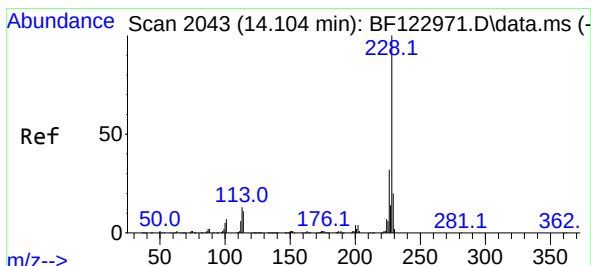
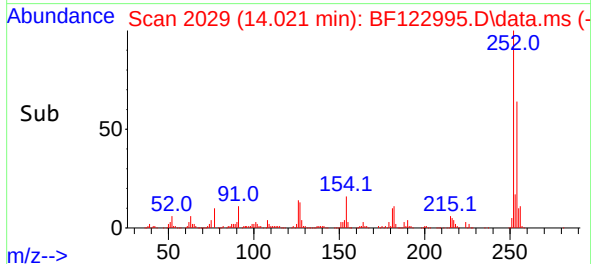
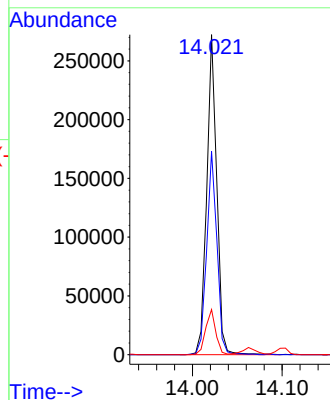
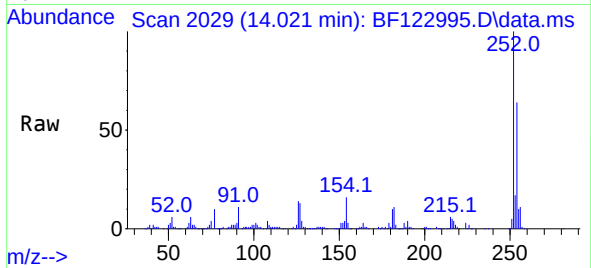
#82  
3,3'-Dichlorobenzidine  
Concen: 24.90 ng  
RT: 14.021 min Scan# 2029  
Delta R.T. -0.000 min  
Lab File: BF122995.D  
Acq: 18 Jan 2021 19:29

Tgt Ion:252 Resp: 210801  
Ion Ratio Lower Upper  
252 100  
254 63.5 52.7 79.1  
126 14.1 8.0 12.0#

Instrument :  
BNA\_F  
ClientSampleId :  
BORE-2-1FT-7FTMS

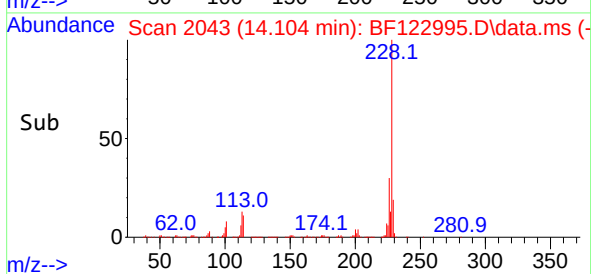
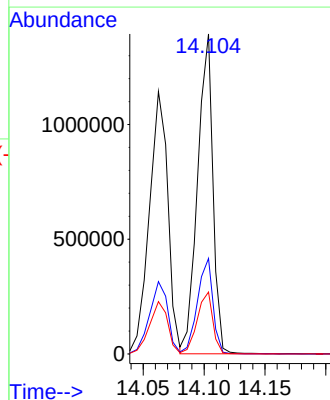
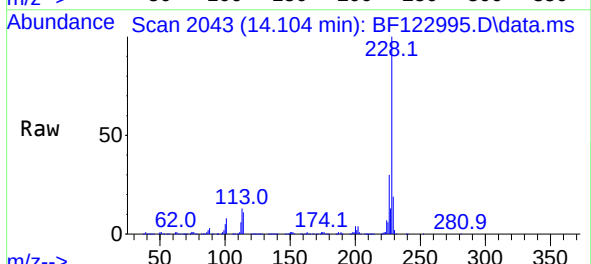
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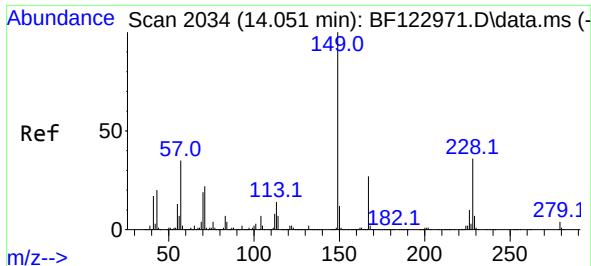
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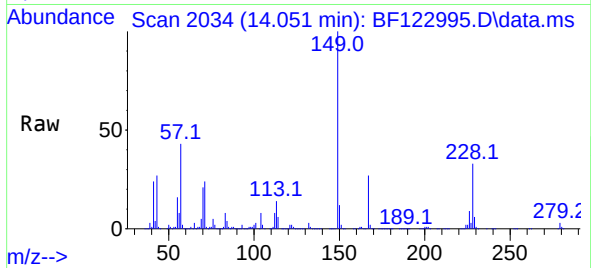
#83  
Chrysene  
Concen: 46.98 ng  
RT: 14.104 min Scan# 2043  
Delta R.T. -0.000 min  
Lab File: BF122995.D  
Acq: 18 Jan 2021 19:29

Tgt Ion:228 Resp: 1225376  
Ion Ratio Lower Upper  
228 100  
226 29.8 24.6 36.8  
229 19.3 15.8 23.6

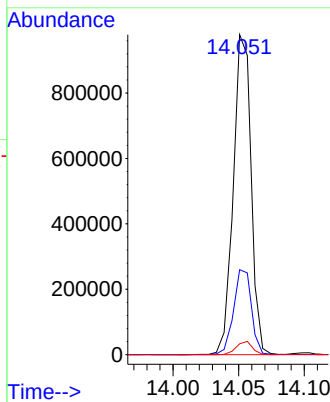
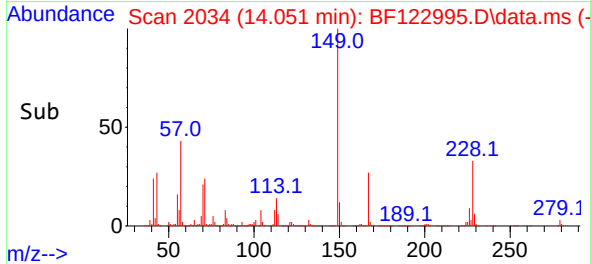




#84  
Bis(2-ethylhexyl)phthalate  
Concen: 50.00 ng  
RT: 14.051 min Scan# 2034  
Delta R.T. -0.000 min  
Lab File: BF122995.D  
Acq: 18 Jan 2021 19:29



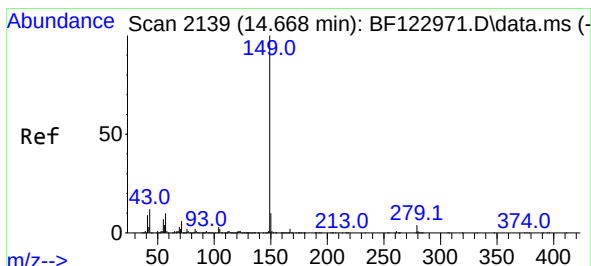
Tgt Ion:149 Resp: 924410  
Ion Ratio Lower Upper  
149 100  
167 26.6 21.4 32.2  
279 3.4 3.4 5.0



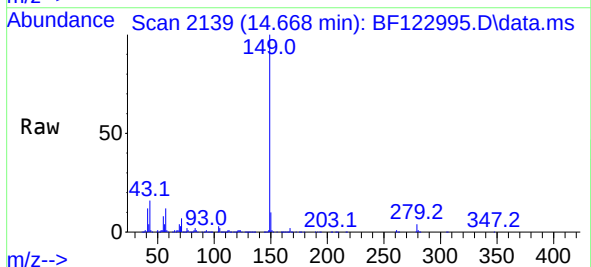
Instrument :  
BNA\_F  
ClientSampleId :  
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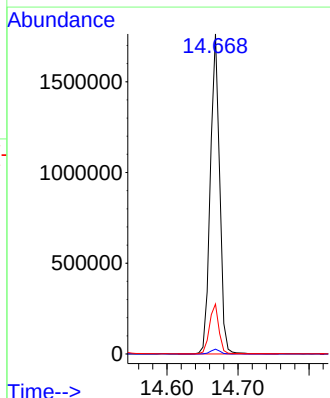
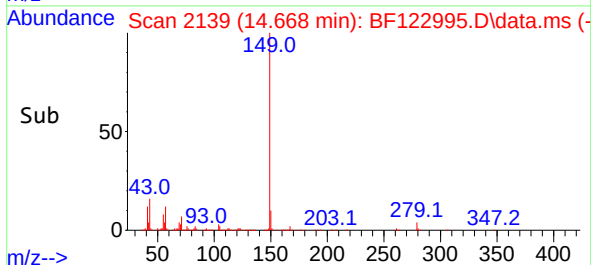
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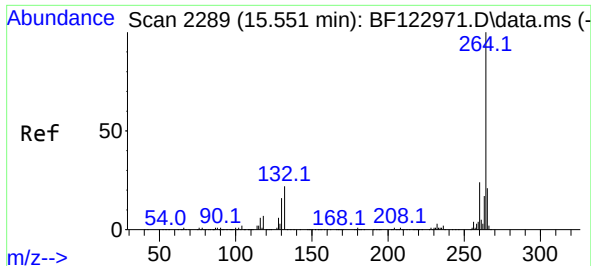


#85  
Di-n-octyl phthalate  
Concen: 53.79 ng  
RT: 14.668 min Scan# 2139  
Delta R.T. -0.000 min  
Lab File: BF122995.D  
Acq: 18 Jan 2021 19:29



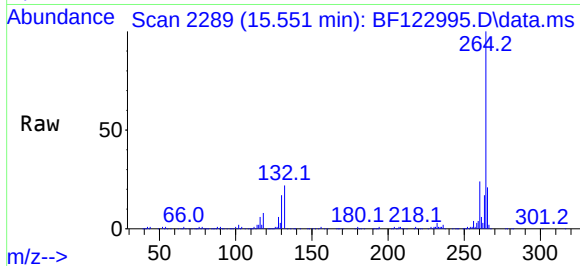
Tgt Ion:149 Resp: 1608669  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.3 1.9  
43 15.8 7.6 11.4#





#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.551 min Scan# 2289  
Delta R.T. -0.000 min  
Lab File: BF122995.D  
Acq: 18 Jan 2021 19:29

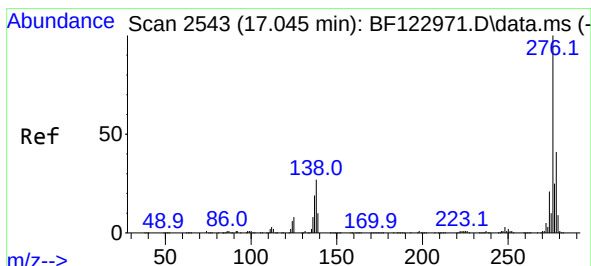
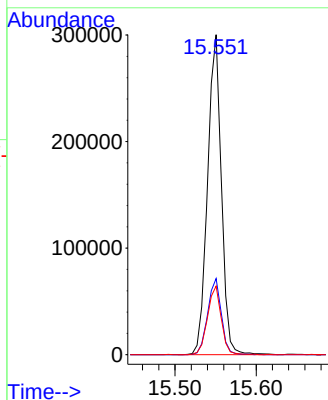
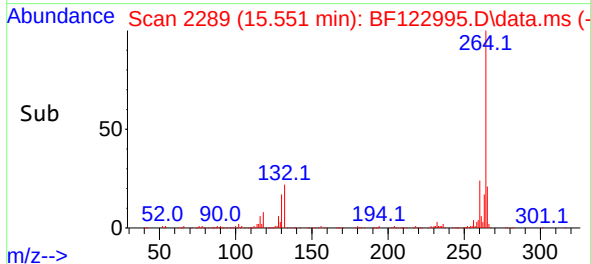
Instrument :  
BNA\_F  
ClientSampleId :  
BORE-2-1FT-7FTMS



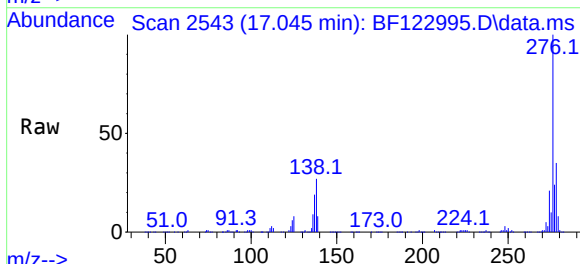
Tgt Ion:264 Resp: 353764  
Ion Ratio Lower Upper  
264 100  
260 23.8 18.6 28.0  
265 21.4 17.0 25.6

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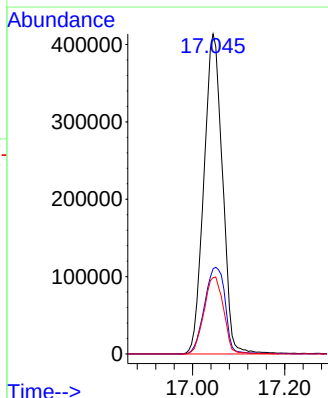
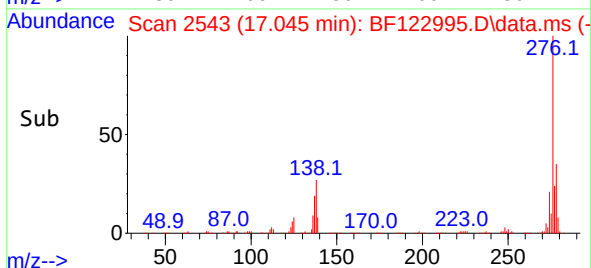
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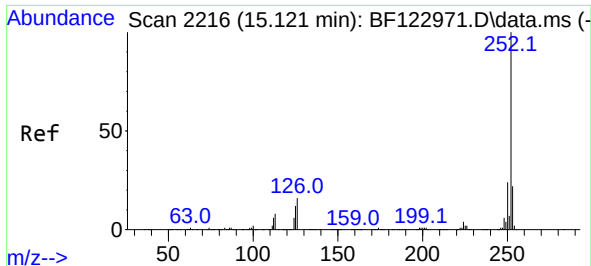


#87  
Indeno(1,2,3-cd)pyrene  
Concen: 52.13 ng  
RT: 17.045 min Scan# 2543  
Delta R.T. -0.000 min  
Lab File: BF122995.D  
Acq: 18 Jan 2021 19:29

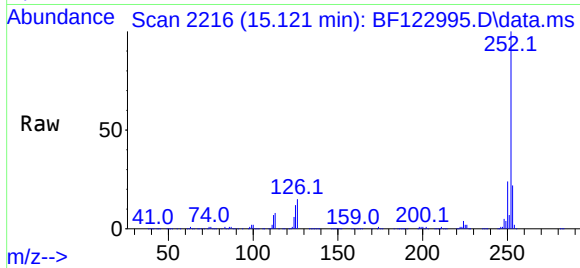


Tgt Ion:276 Resp: 1161916  
Ion Ratio Lower Upper  
276 100  
138 30.0 18.7 28.1#  
277 25.3 20.2 30.4

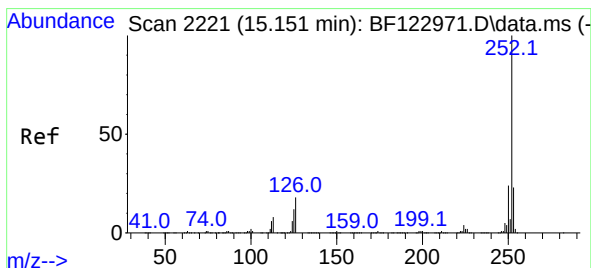
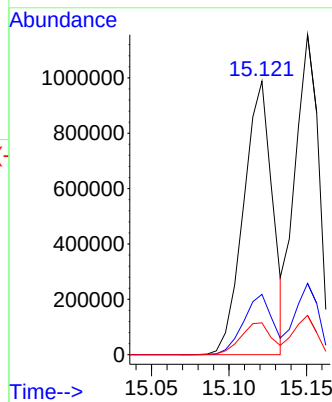
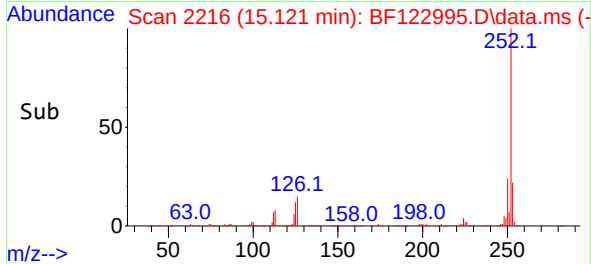




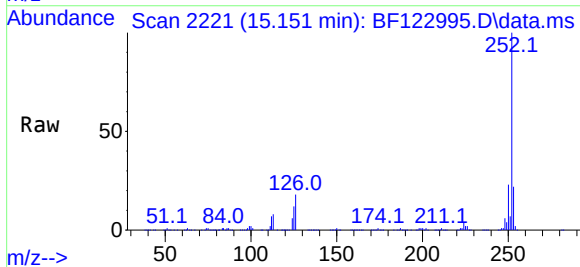
#88  
Benzo(b)fluoranthene  
Concen: 53.70 ng  
RT: 15.121 min Scan# 2216  
Delta R.T. -0.000 min  
Lab File: BF122995.D  
Acq: 18 Jan 2021 19:29



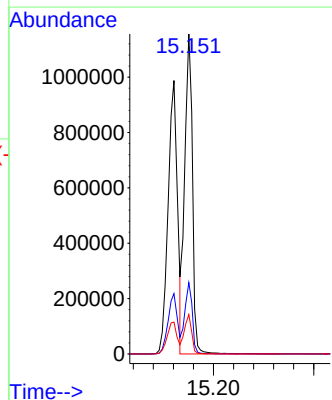
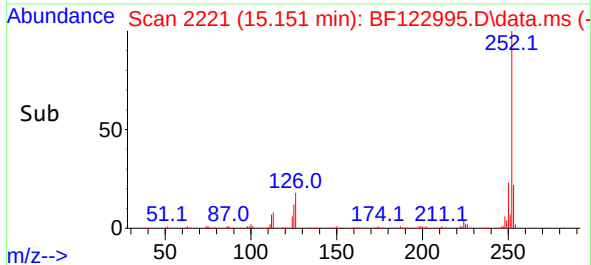
Tgt Ion:252 Resp: 1282107  
Ion Ratio Lower Upper  
252 100  
253 22.1 18.3 27.5  
125 11.6 8.1 12.1



#89  
Benzo(k)fluoranthene  
Concen: 50.79 ng  
RT: 15.151 min Scan# 2221  
Delta R.T. -0.000 min  
Lab File: BF122995.D  
Acq: 18 Jan 2021 19:29



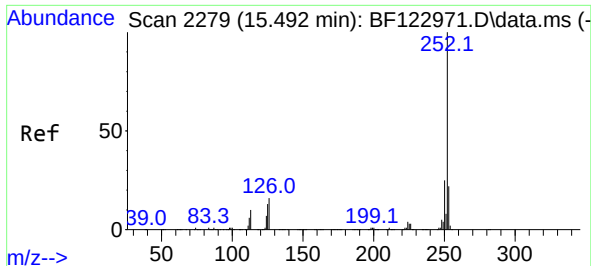
Tgt Ion:252 Resp: 1243184  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.8 26.8  
125 12.3 8.4 12.6



Instrument :  
BNA\_F  
ClientSampleId :  
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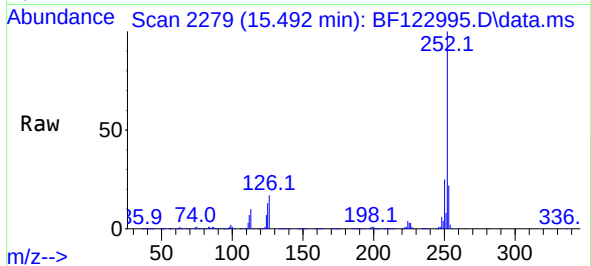
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#90  
Benzo(a)pyrene  
Concen: 52.17 ng  
RT: 15.492 min Scan# 2279  
Delta R.T. -0.000 min  
Lab File: BF122995.D  
Acq: 18 Jan 2021 19:29

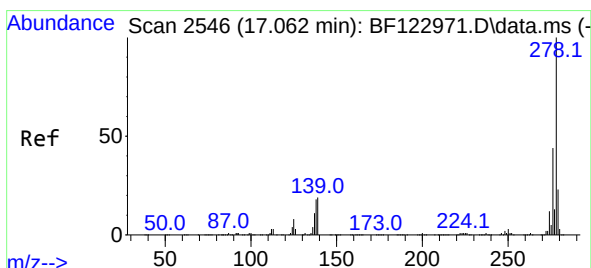
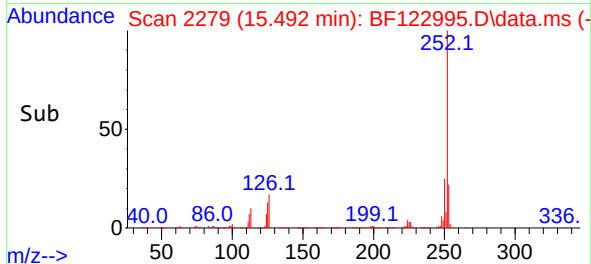
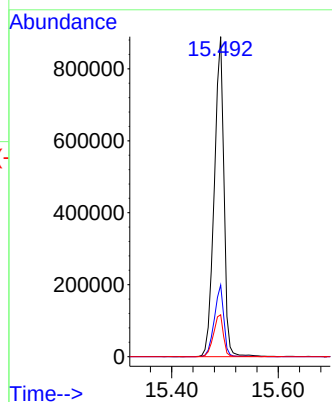
Instrument :  
BNA\_F  
ClientSampleId :  
BORE-2-1FT-7FTMS



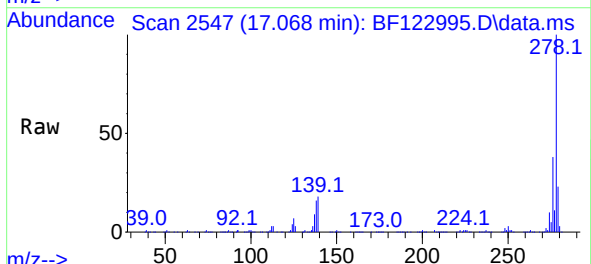
Tgt Ion:252 Resp: 1125230  
Ion Ratio Lower Upper  
252 100  
253 22.4 17.5 26.3  
125 13.1 8.6 12.8#

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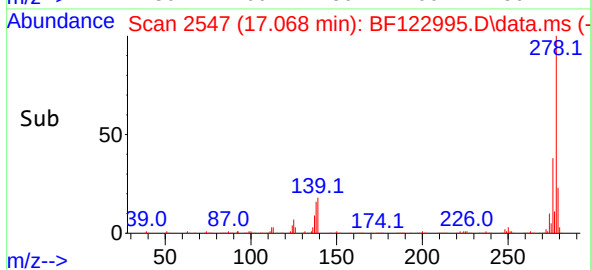
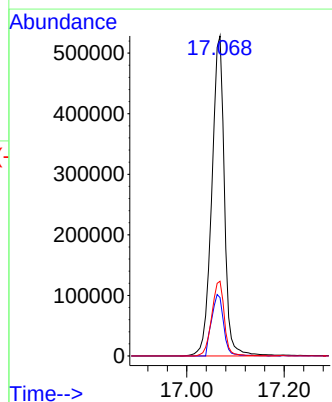
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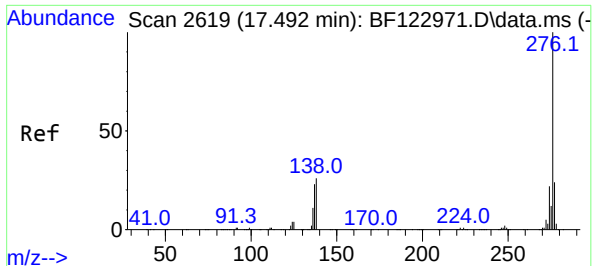
#91  
Dibenzo(a,h)anthracene  
Concen: 51.89 ng  
RT: 17.068 min Scan# 2547  
Delta R.T. 0.006 min  
Lab File: BF122995.D  
Acq: 18 Jan 2021 19:29



Tgt Ion:278 Resp: 947574  
Ion Ratio Lower Upper  
278 100  
139 18.3 12.0 18.0#  
279 23.4 19.4 29.2







#92  
 Benzo(g,h,i)perylene  
 Concen: 71.51 ng  
 RT: 17.498 min Scan# 2620  
 Delta R.T. 0.006 min  
 Lab File: BF122995.D  
 Acq: 18 Jan 2021 19:29

Instrument :  
 BNA\_F  
 ClientSampleId :  
 BORE-2-1FT-7FTMS

Tgt Ion:276 Resp: 1264067  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 23.7  | 19.3  | 28.9  |
| 138 | 26.3  | 16.6  | 24.8  |

Manual Integrations  
 APPROVED

mohammad  
 1/20/2021 2:15:30 PM

