

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF011821\  
 Data File : BF122998.D  
 Acq On : 18 Jan 2021 21:04  
 Operator : JU/CG  
 Sample : M1141-21MS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 T872-T871MS

Manual Integrations  
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 1/20/2021 2:15:35 PM

Quant Time: Jan 18 23:51:10 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  | 152629   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.181  | 136  | 865089   | 20.00  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.939  | 164  | 395748   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.427 | 188  | 756309   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.074 | 240  | 411804   | 20.00  | ng    | # 0.00   |
| 86) Perylene-d12              | 15.545 | 264  | 401710   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.534  | 112  | 1615511  | 160.00 | ng    | 0.02     |
| 7) Phenol-d6                  | 6.522  | 99   | 1898570  | 139.91 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.457  | 82   | 1415624  | 84.21  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.727 | 330  | 534607   | 119.46 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.257  | 172  | 2485156  | 87.93  | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.015 | 244  | 1672291  | 74.46  | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.898  | 88   | 58740    | 11.98  | ng    | # 52     |
| 3) Pyridine                   | 3.587  | 79   | 194829   | 14.68  | ng    | # 34     |
| 4) n-Nitrosodimethylamine     | 3.534  | 42   | 194491   | 32.83  | ng    | # 41     |
| 6) Aniline                    | 6.563  | 93   | 271436   | 16.58  | ng    | 94       |
| 8) 2-Chlorophenol             | 6.681  | 128  | 504280   | 47.29  | ng    | 85       |
| 9) Benzaldehyde               | 6.445  | 77   | 68041    | 7.04   | ng    | 89       |
| 10) Phenol                    | 6.539  | 94   | 768093m  | 56.36  | ng    |          |
| 11) bis(2-Chloroethyl)ether   | 6.634  | 93   | 579506   | 52.52  | ng    | 87       |
| 12) 1,3-Dichlorobenzene       | 6.839  | 146  | 516168   | 41.83  | ng    | # 93     |
| 13) 1,4-Dichlorobenzene       | 6.916  | 146  | 518552   | 41.73  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.069  | 146  | 582031   | 50.21  | ng    | 98       |
| 15) Benzyl Alcohol            | 7.034  | 79   | 556751   | 58.20  | ng    | 96       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.175  | 45   | 1165927  | 60.62  | ng    | 86       |
| 17) 2-Methylphenol            | 7.145  | 107  | 455137   | 50.32  | ng    | 96       |
| 18) Hexachloroethane          | 7.410  | 117  | 254251   | 56.61  | ng    | # 77     |
| 19) n-Nitroso-di-n-propyla... | 7.310  | 70   | 544854   | 67.78  | ng    | # 85     |
| 20) 3+4-Methylphenols         | 7.298  | 107  | 746929   | 66.02  | ng    | 92       |
| 22) Acetophenone              | 7.304  | 105  | 981285   | 45.10  | ng    | # 92     |
| 24) Nitrobenzene              | 7.481  | 77   | 771003   | 44.75  | ng    | 94       |
| 25) Isophorone                | 7.716  | 82   | 1351649  | 45.06  | ng    | 98       |
| 26) 2-Nitrophenol             | 7.792  | 139  | 368401   | 47.33  | ng    | 95       |
| 27) 2,4-Dimethylphenol        | 7.828  | 122  | 649383   | 52.39  | ng    | 95       |
| 28) bis(2-Chloroethoxy)met... | 7.928  | 93   | 862411   | 42.53  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.033  | 162  | 560881   | 43.35  | ng    | 96       |
| 30) 1,2,4-Trichlorobenzene    | 8.122  | 180  | 550775   | 39.96  | ng    | 94       |
| 31) Naphthalene               | 8.204  | 128  | 1882472  | 42.32  | ng    | 99       |
| 32) Benzoic acid              | 7.945  | 122  | 458343   | 44.02  | ng    | 94       |
| 33) 4-Chloroaniline           | 8.239  | 127  | 187631   | 9.67   | ng    | # 94     |
| 34) Hexachlorobutadiene       | 8.322  | 225  | 285307   | 37.87  | ng    | 99       |
| 35) Caprolactam               | 8.610  | 113  | 145616m  | 33.11  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.728  | 107  | 647318   | 47.03  | ng    | 97       |
| 37) 2-Methylnaphthalene       | 8.892  | 142  | 1254828  | 40.90  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 8.992  | 142  | 1179643  | 40.71  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 9.063  | 216  | 427530   | 39.35  | ng    | # 96     |
| 41) Hexachlorocyclopentadiene | 9.051  | 237  | 478661   | 90.70  | ng    | 96       |
| 43) 2,4,6-Trichlorophenol     | 9.169  | 196  | 422995   | 52.23  | ng    | 96       |

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Manual Integrations  
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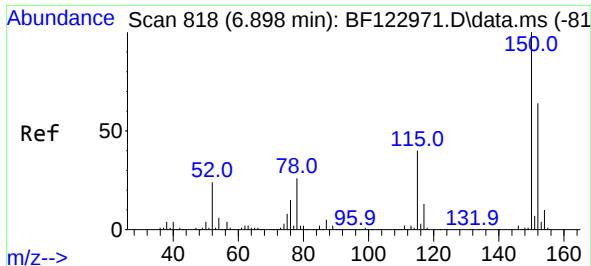
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Quant Time: Jan 18 23:51:10 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF011621.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 18 13:14:08 2021  
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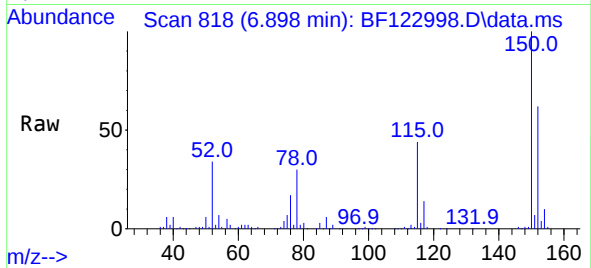
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.210  | 196  | 427448   | 52.02 | ng    | 96       |
| 46) 1,1'-Biphenyl             | 9.357  | 154  | 1395242  | 43.35 | ng    | 96       |
| 47) 2-Chloronaphthalene       | 9.386  | 162  | 1144551  | 42.62 | ng    | 100      |
| 48) 2-Nitroaniline            | 9.475  | 65   | 450942   | 49.27 | ng    | # 79     |
| 49) Acenaphthylene            | 9.804  | 152  | 1772180  | 45.24 | ng    | 99       |
| 50) Dimethylphthalate         | 9.657  | 163  | 1339348  | 43.60 | ng    | 98       |
| 51) 2,6-Dinitrotoluene        | 9.716  | 165  | 279494   | 41.60 | ng    | # 70     |
| 52) Acenaphthene              | 9.975  | 154  | 1183003  | 46.72 | ng    | 98       |
| 53) 3-Nitroaniline            | 9.880  | 138  | 116523   | 14.03 | ng    | 95       |
| 54) 2,4-Dinitrophenol         | 9.992  | 184  | 245511   | 67.25 | ng    | 90       |
| 55) Dibenzofuran              | 10.145 | 168  | 1797293  | 50.92 | ng    | 97       |
| 56) 4-Nitrophenol             | 10.045 | 139  | 604563   | 98.76 | ng    | 87       |
| 57) 2,4-Dinitrotoluene        | 10.122 | 165  | 453089   | 52.43 | ng    | # 87     |
| 58) Fluorene                  | 10.486 | 166  | 1191300  | 43.15 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.257 | 232  | 351724   | 53.63 | ng    | # 85     |
| 60) Diethylphthalate          | 10.363 | 149  | 1374824  | 46.05 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 10.480 | 204  | 509598   | 41.05 | ng    | 94       |
| 62) 4-Nitroaniline            | 10.498 | 138  | 273827   | 33.42 | ng    | 95       |
| 63) Azobenzene                | 10.639 | 77   | 1442242  | 48.28 | ng    | 91       |
| 65) 4,6-Dinitro-2-methylph... | 10.527 | 198  | 157908   | 37.07 | ng    | # 57     |
| 66) n-Nitrosodiphenylamine    | 10.598 | 169  | 1073448  | 38.02 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.969 | 248  | 356495   | 38.55 | ng    | 91       |
| 68) Hexachlorobenzene         | 11.039 | 284  | 407894   | 38.58 | ng    | 96       |
| 69) Atrazine                  | 11.121 | 200  | 272974   | 36.31 | ng    | 96       |
| 70) Pentachlorophenol         | 11.227 | 266  | 496562   | 89.29 | ng    | 99       |
| 71) Phenanthrene              | 11.451 | 178  | 2010403  | 44.36 | ng    | 99       |
| 72) Anthracene                | 11.504 | 178  | 2091361  | 46.69 | ng    | 100      |
| 73) Carbazole                 | 11.657 | 167  | 1976116  | 45.51 | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.986 | 149  | 1790839  | 34.85 | ng    | 99       |
| 75) Fluoranthene              | 12.645 | 202  | 1603983  | 34.98 | ng    | 98       |
| 77) Benzidine                 | 12.757 | 184  | 304570   | 27.93 | ng    | 99       |
| 78) Pyrene                    | 12.874 | 202  | 1706009  | 51.74 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.492 | 149  | 737570   | 49.91 | ng    | 95       |
| 81) Benzo(a)anthracene        | 14.062 | 228  | 1228195  | 44.56 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 14.021 | 252  | 214522   | 23.78 | ng    | # 99     |
| 83) Chrysene                  | 14.098 | 228  | 1261740  | 45.39 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.051 | 149  | 892288   | 45.29 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.668 | 149  | 1643510  | 51.57 | ng    | # 88     |
| 87) Indeno(1,2,3-cd)pyrene    | 17.045 | 276  | 1249377  | 49.37 | ng    | # 93     |
| 88) Benzo(b)fluoranthene      | 15.115 | 252  | 1409514m | 51.99 | ng    |          |
| 89) Benzo(k)fluoranthene      | 15.151 | 252  | 1240785  | 44.64 | ng    | 98       |
| 90) Benzo(a)pyrene            | 15.486 | 252  | 1155071  | 47.16 | ng    | # 97     |
| 91) Dibenzo(a,h)anthracene    | 17.062 | 278  | 1016849  | 49.04 | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 17.498 | 276  | 1070309  | 53.33 | ng    | # 95     |

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

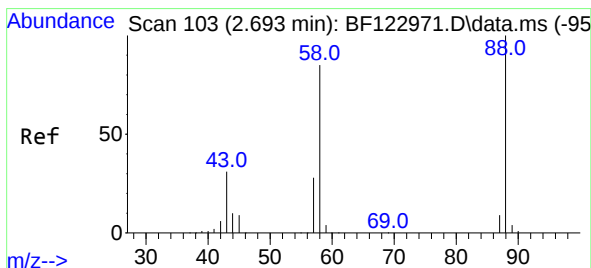
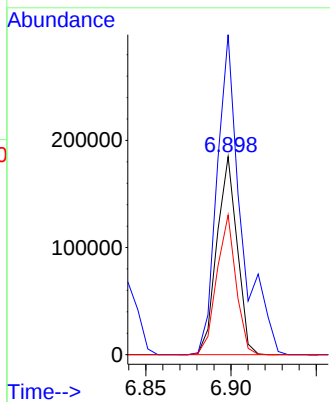
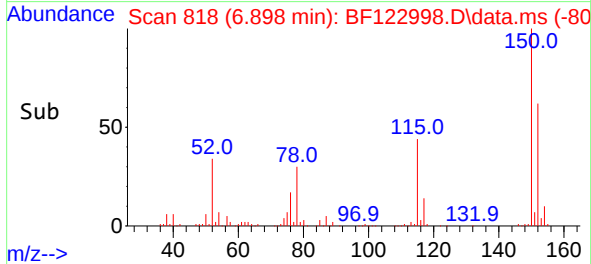




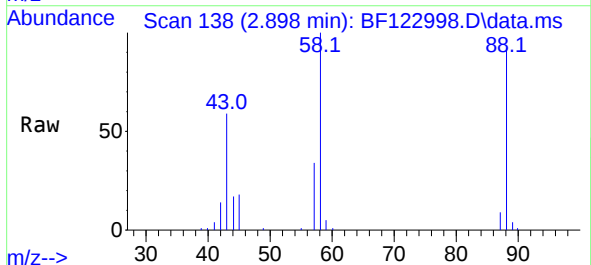
#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.898 min Scan# 818  
Delta R.T. 0.000 min  
Lab File: BF122998.D  
Acq: 18 Jan 2021 21:04



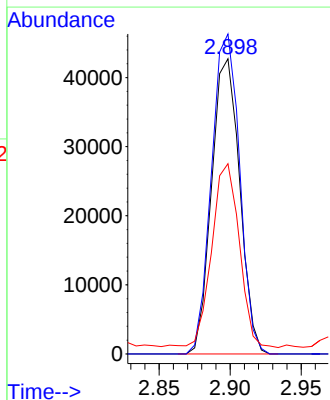
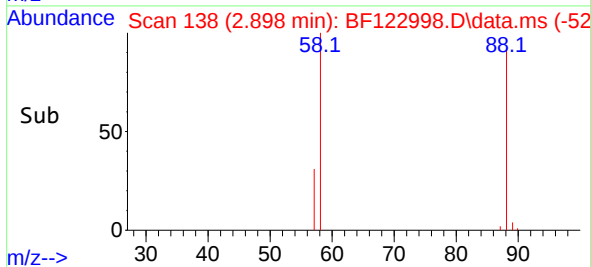
Tgt Ion:152 Resp: 152629  
Ion Ratio Lower Upper  
152 100  
150 161.5 125.8 188.6  
115 70.5 49.3 73.9



#2  
1,4-Dioxane  
Concen: 11.98 ng  
RT: 2.898 min Scan# 138  
Delta R.T. 0.206 min  
Lab File: BF122998.D  
Acq: 18 Jan 2021 21:04



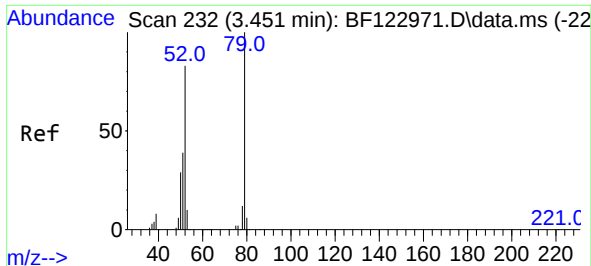
Tgt Ion: 88 Resp: 58740  
Ion Ratio Lower Upper  
88 100  
58 108.4 56.2 84.2#  
43 0.0 21.8 32.6#



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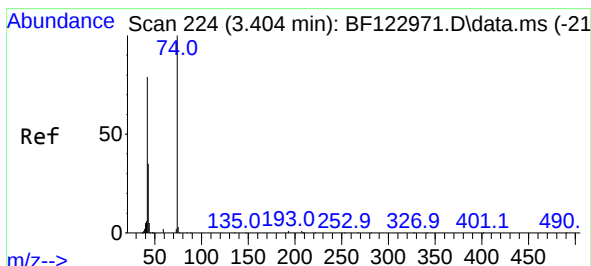
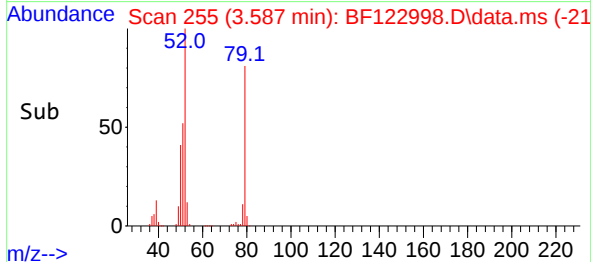
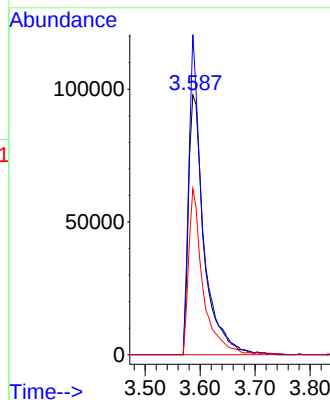
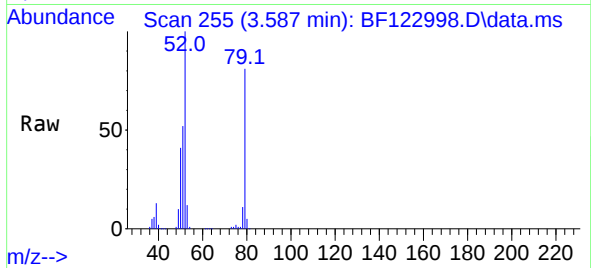
#3  
Pyridine  
Concen: 14.68 ng  
RT: 3.587 min Scan# 255  
Delta R.T. 0.135 min  
Lab File: BF122998.D  
Acq: 18 Jan 2021 21:04

Tgt Ion: 79 Resp: 194829  
Ion Ratio Lower Upper  
79 100  
52 123.2 53.0 79.4#  
51 63.9 26.6 39.8#

Instrument :  
BNA\_F  
ClientSampleId :  
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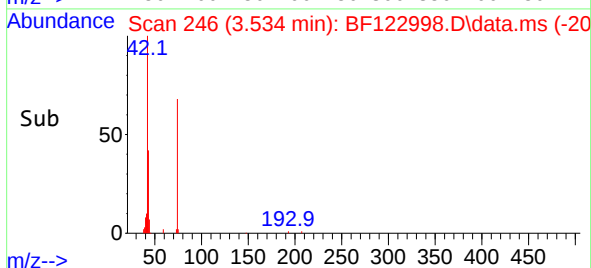
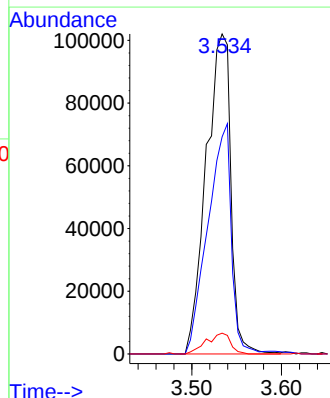
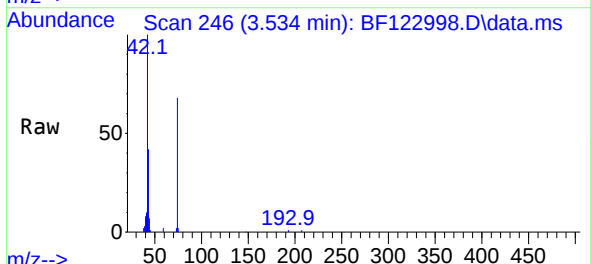
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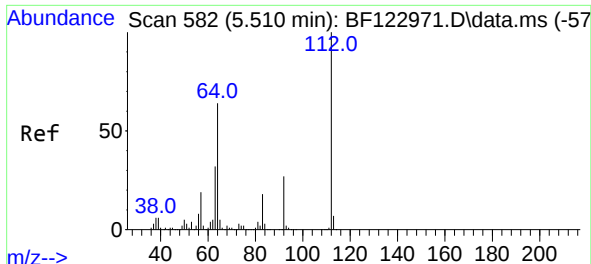
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#4  
n-Nitrosodimethylamine  
Concen: 32.83 ng  
RT: 3.534 min Scan# 246  
Delta R.T. 0.129 min  
Lab File: BF122998.D  
Acq: 18 Jan 2021 21:04

Tgt Ion: 42 Resp: 194491  
Ion Ratio Lower Upper  
42 100  
74 67.8 115.2 172.8#  
44 6.5 5.4 8.0





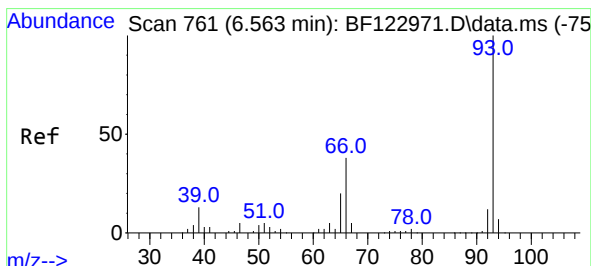
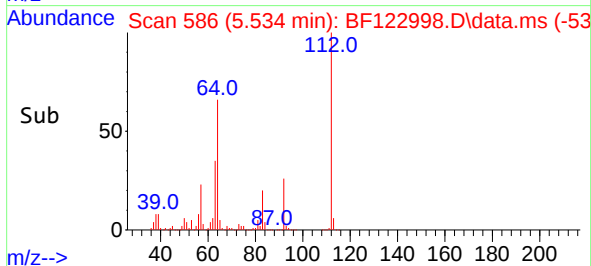
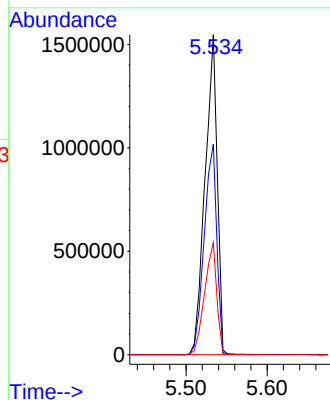
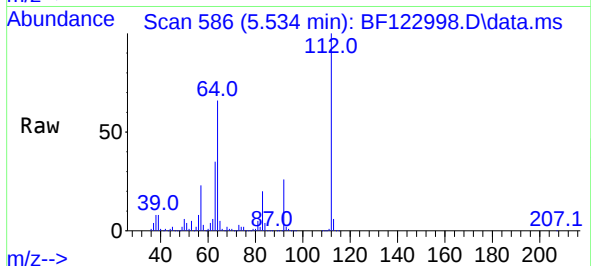
#5  
2-Fluorophenol  
Concen: 160.00 ng  
RT: 5.534 min Scan# 586  
Delta R.T. 0.024 min  
Lab File: BF122998.D  
Acq: 18 Jan 2021 21:04

Tgt Ion: 112 Resp: 1615511  
Ion Ratio Lower Upper  
112 100  
64 65.8 46.9 70.3  
63 35.1 24.5 36.7

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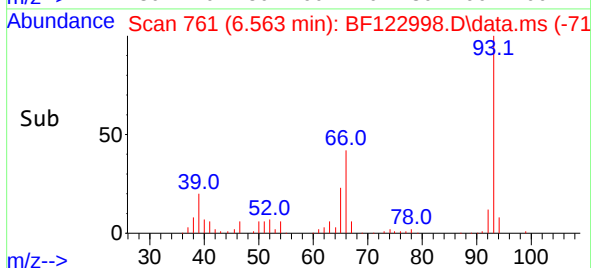
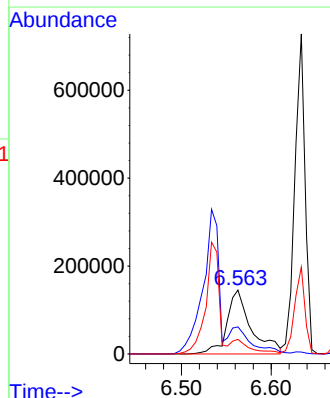
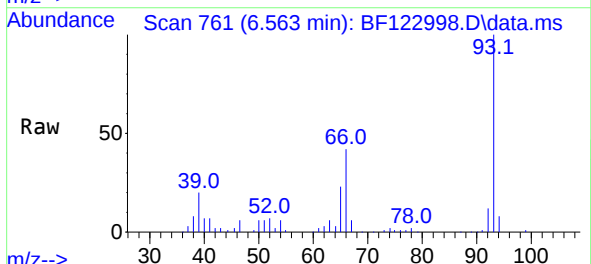
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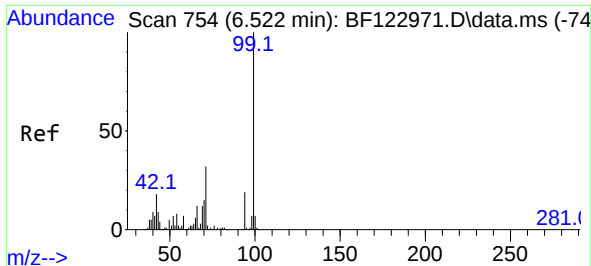
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#6  
Aniline  
Concen: 16.58 ng  
RT: 6.563 min Scan# 761  
Delta R.T. -0.000 min  
Lab File: BF122998.D  
Acq: 18 Jan 2021 21:04

Tgt Ion: 93 Resp: 271436  
Ion Ratio Lower Upper  
93 100  
66 42.4 31.3 46.9  
65 22.7 15.6 23.4





#7  
Phenol-d6  
Concen: 139.91 ng  
RT: 6.522 min Scan# 754  
Delta R.T. -0.000 min  
Lab File: BF122998.D  
Acq: 18 Jan 2021 21:04

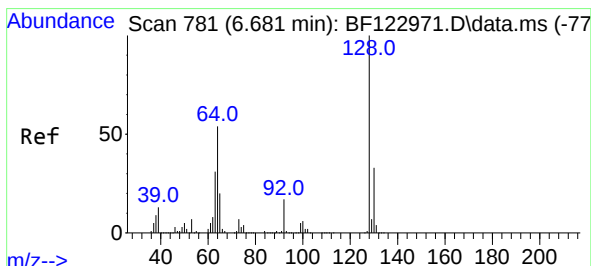
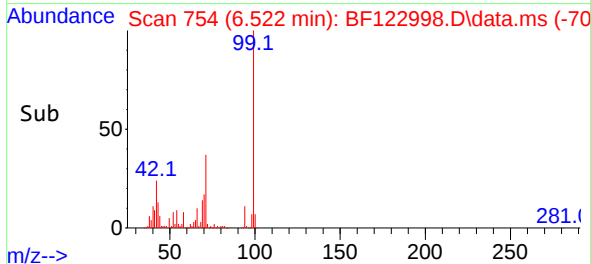
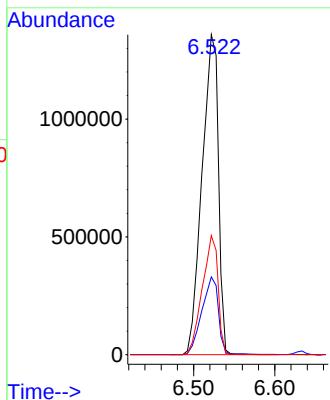
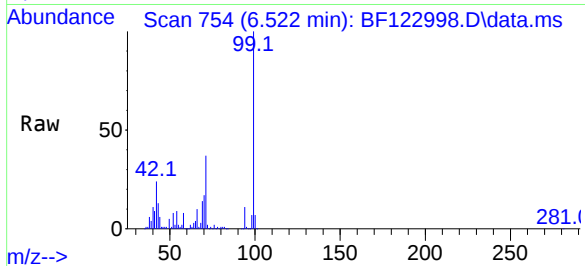
Tgt Ion: 99 Resp: 1898570

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 24.3  | 13.8  | 20.6  |
| 71  | 37.2  | 26.9  | 40.3  |

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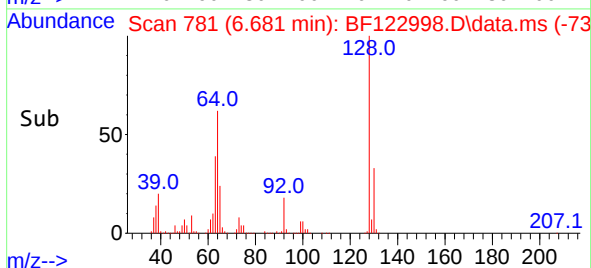
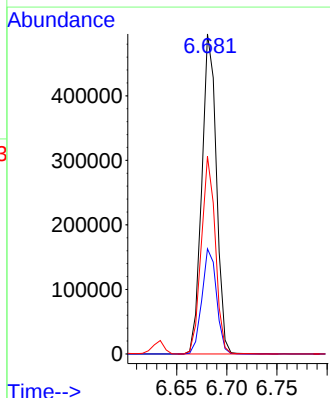
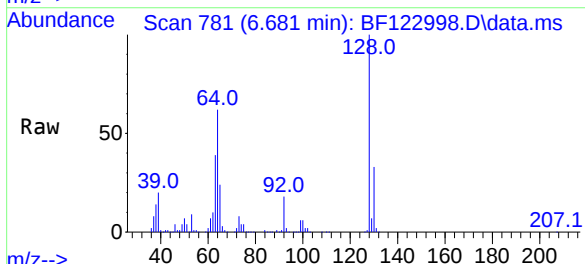
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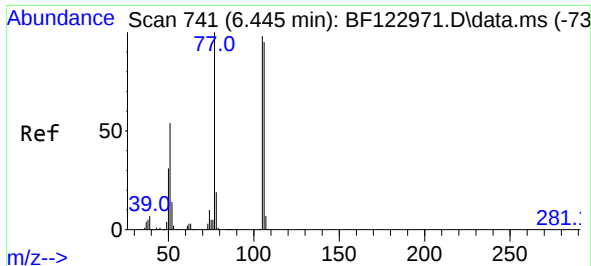


#8  
2-Chlorophenol  
Concen: 47.29 ng  
RT: 6.681 min Scan# 781  
Delta R.T. -0.000 min  
Lab File: BF122998.D  
Acq: 18 Jan 2021 21:04

Tgt Ion: 128 Resp: 504280

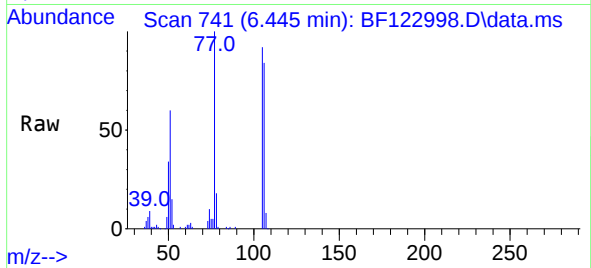
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 32.8  | 12.3  | 52.3  |
| 64  | 61.8  | 25.5  | 65.5  |



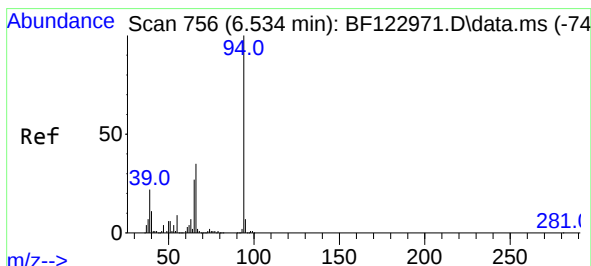
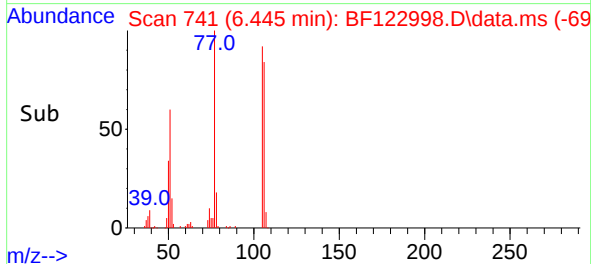
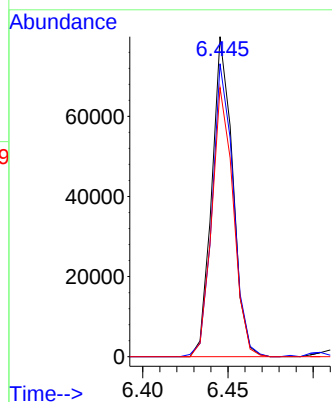


#9  
Benzaldehyde  
Concen: 7.04 ng  
RT: 6.445 min Scan# 741  
Delta R.T. 0.000 min  
Lab File: BF122998.D  
Acq: 18 Jan 2021 21:04

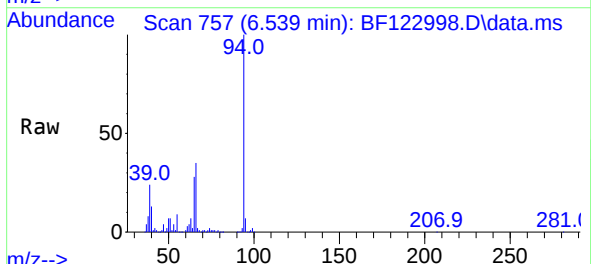
Instrument :  
BNA\_F  
ClientSampleId :  
T872-T871MS



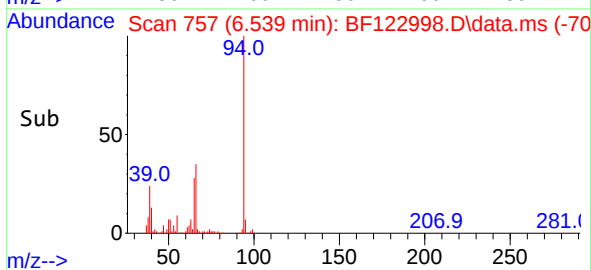
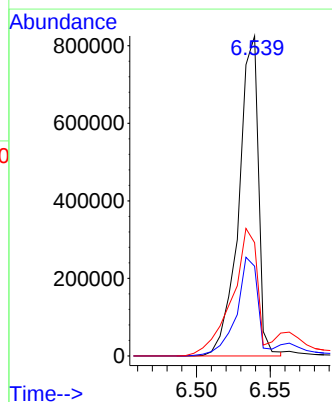
Tgt Ion: 77 Resp: 68041  
Ion Ratio Lower Upper  
77 100  
105 91.6 80.6 120.6  
106 84.1 77.2 117.2

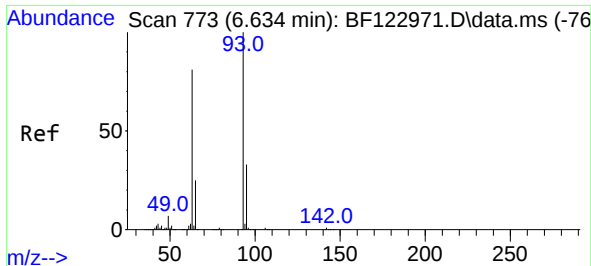


#10  
Phenol  
Concen: 56.36 ng m  
RT: 6.539 min Scan# 757  
Delta R.T. 0.006 min  
Lab File: BF122998.D  
Acq: 18 Jan 2021 21:04



Tgt Ion: 94 Resp: 768093  
Ion Ratio Lower Upper  
94 100  
65 28.1 11.2 51.2  
66 35.4 25.8 65.8





#11  
bis(2-Chloroethyl)ether  
Concen: 52.52 ng  
RT: 6.634 min Scan# 773  
Delta R.T. -0.000 min  
Lab File: BF122998.D  
Acq: 18 Jan 2021 21:04

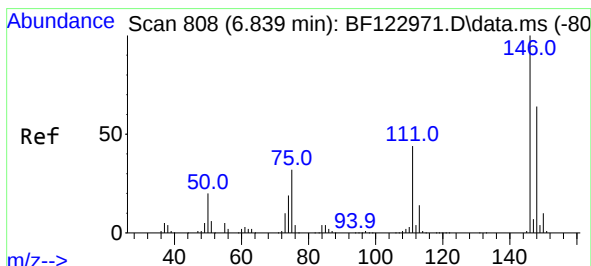
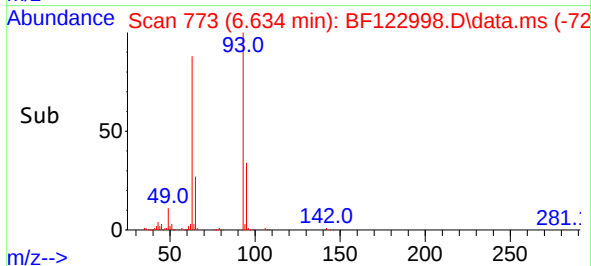
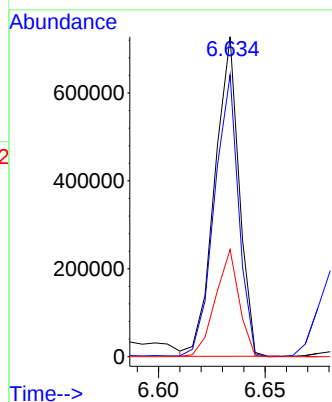
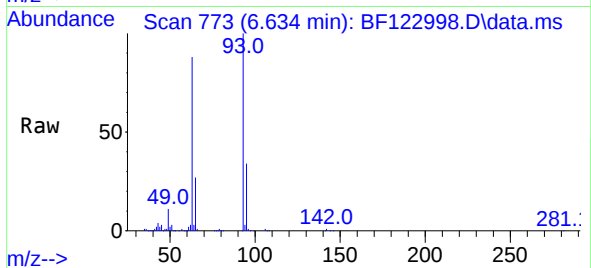
Tgt Ion: 93 Resp: 579506  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 63  | 88.1  | 52.6  | 92.6  |
| 95  | 33.5  | 12.6  | 52.6  |

Instrument :  
BNA\_F  
ClientSampleId :  
T872-T871MS

Manual Integrations  
APPROVED

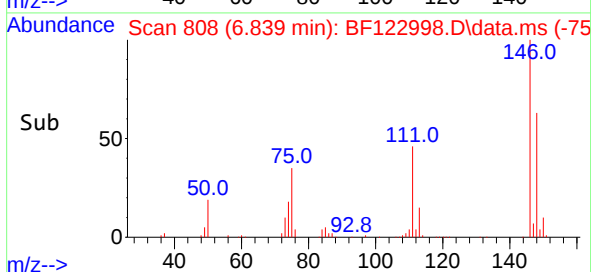
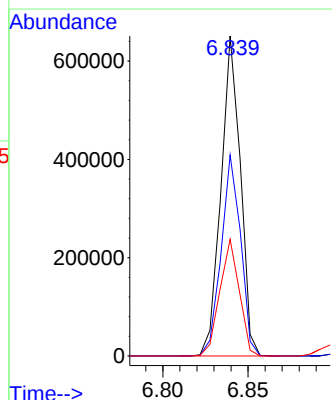
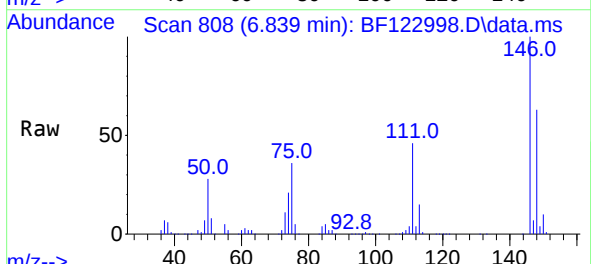
mohammad  
1/20/2021 2:15:35 PM

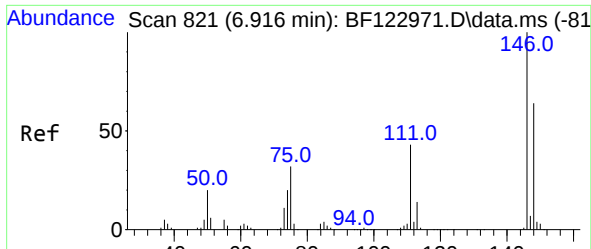


#12  
1,3-Dichlorobenzene  
Concen: 41.83 ng  
RT: 6.839 min Scan# 808  
Delta R.T. -0.000 min  
Lab File: BF122998.D  
Acq: 18 Jan 2021 21:04

Tgt Ion: 146 Resp: 516168  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 148 | 62.8  | 51.8  | 77.8  |
| 75  | 36.5  | 22.5  | 33.7# |





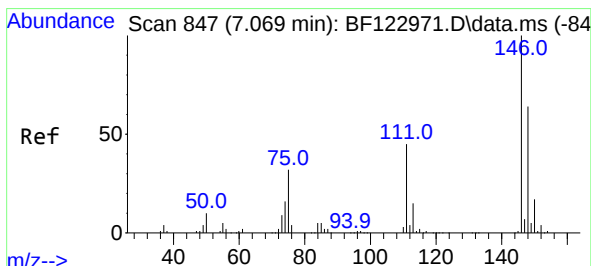
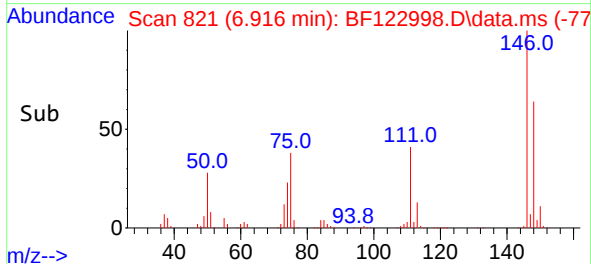
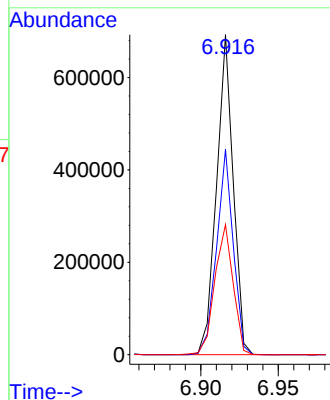
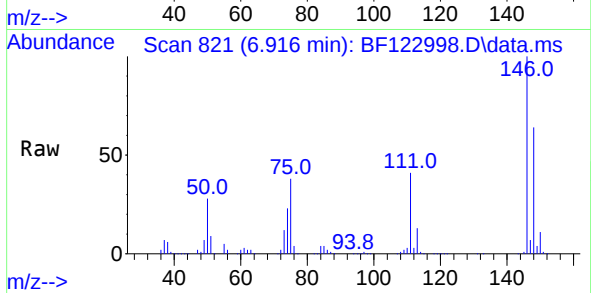
#13  
1,4-Dichlorobenzene  
Concen: 41.73 ng  
RT: 6.916 min Scan# 821  
Delta R.T. -0.000 min  
Lab File: BF122998.D  
Acq: 18 Jan 2021 21:04

Tgt Ion:146 Resp: 518552  
Ion Ratio Lower Upper  
146 100  
148 64.2 52.0 78.0  
111 40.6 32.3 48.5

Instrument :  
BNA\_F  
ClientSampled :  
T872-T871MS

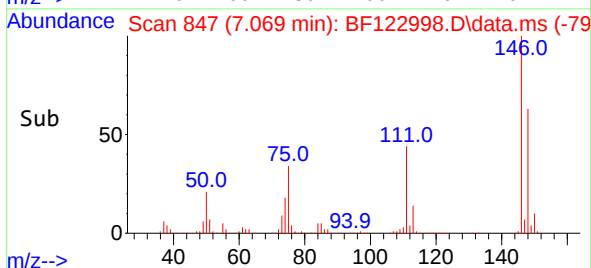
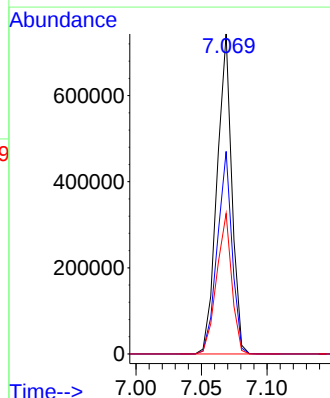
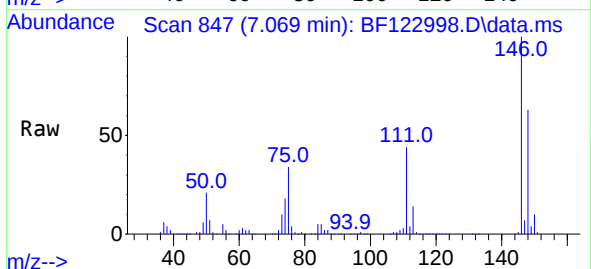
Manual Integrations  
APPROVED

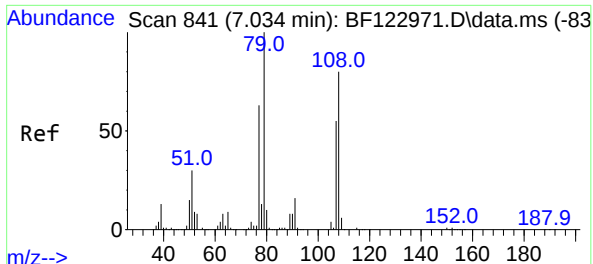
mohammad  
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#14  
1,2-Dichlorobenzene  
Concen: 50.21 ng  
RT: 7.069 min Scan# 847  
Delta R.T. -0.000 min  
Lab File: BF122998.D  
Acq: 18 Jan 2021 21:04

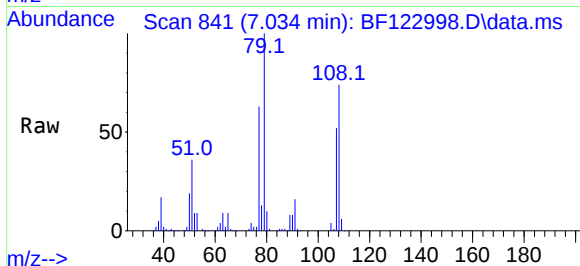
Tgt Ion:146 Resp: 582031  
Ion Ratio Lower Upper  
146 100  
148 63.3 51.5 77.3  
111 43.9 34.2 51.2





#15  
Benzyl Alcohol  
Concen: 58.20 ng  
RT: 7.034 min Scan# 841  
Delta R.T. -0.000 min  
Lab File: BF122998.D  
Acq: 18 Jan 2021 21:04

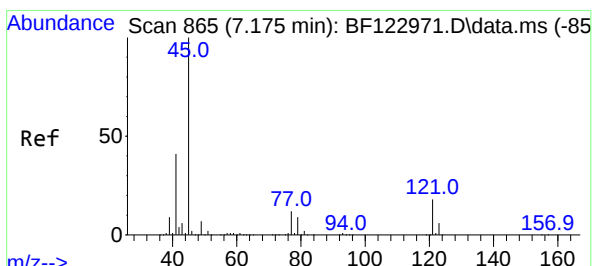
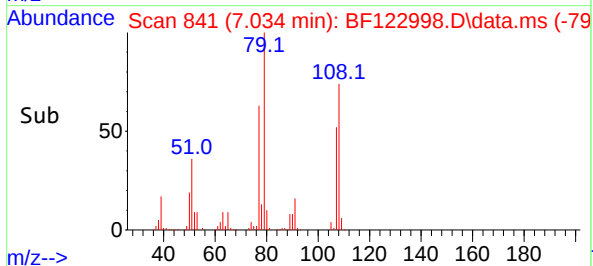
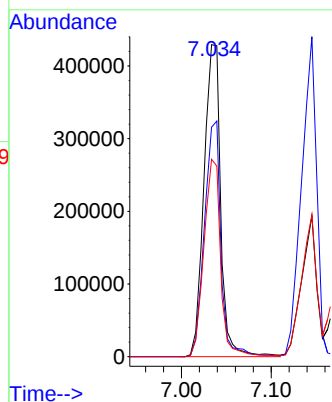
Instrument :  
BNA\_F  
ClientSampleId :  
T872-T871MS



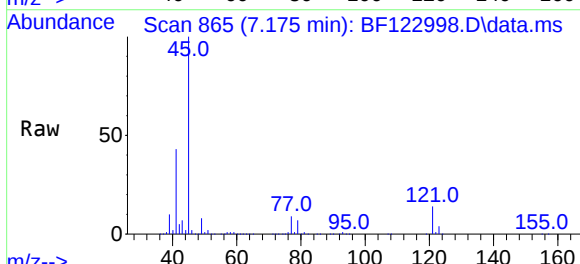
Tgt Ion: 79 Resp: 556751  
Ion Ratio Lower Upper  
79 100  
108 73.5 62.4 93.6  
77 63.3 49.0 73.6

Manual Integrations  
APPROVED

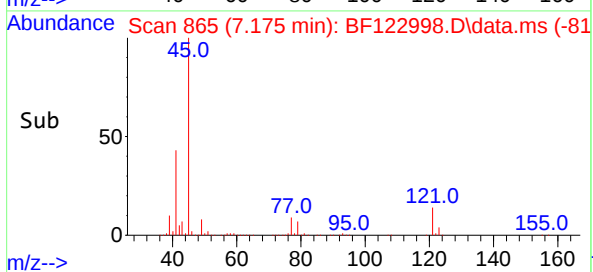
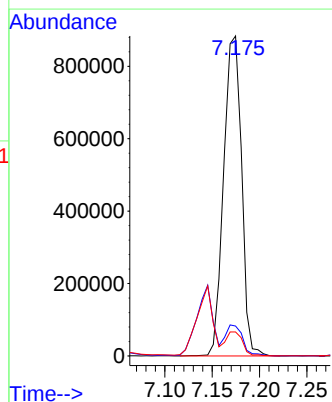
mohammad  
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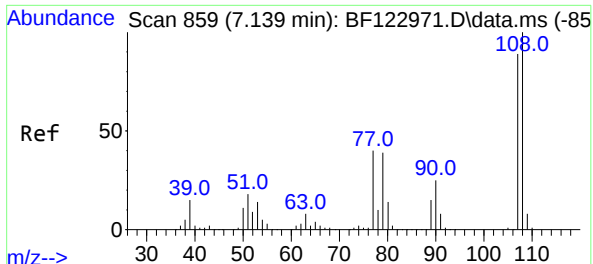


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 60.62 ng  
RT: 7.175 min Scan# 865  
Delta R.T. -0.000 min  
Lab File: BF122998.D  
Acq: 18 Jan 2021 21:04



Tgt Ion: 45 Resp: 1165927  
Ion Ratio Lower Upper  
45 100  
77 9.3 0.0 35.6  
79 7.5 0.0 32.4





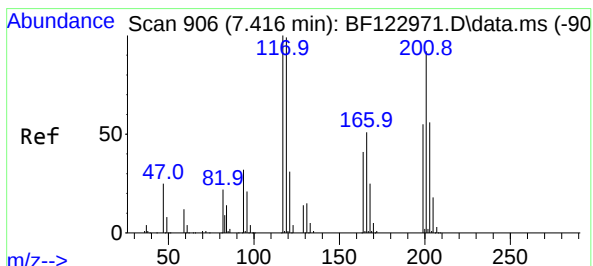
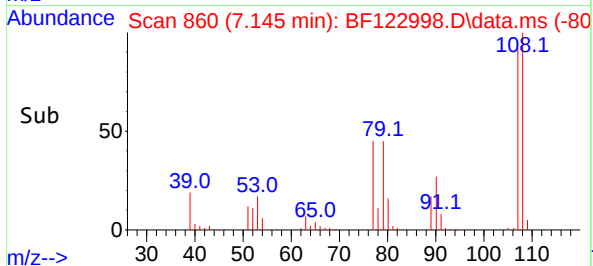
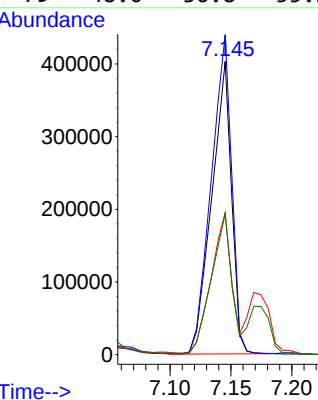
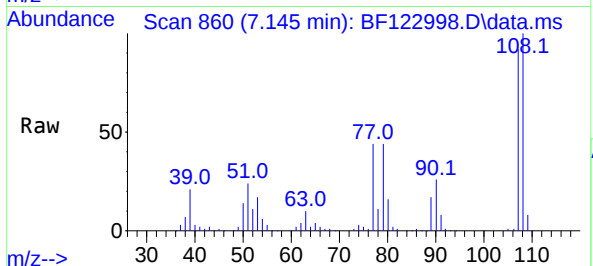
#17  
2-Methylphenol  
Concen: 50.32 ng  
RT: 7.145 min Scan# 860  
Delta R.T. 0.006 min  
Lab File: BF122998.D  
Acq: 18 Jan 2021 21:04

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 455137 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 109.1 | 91.1  | 136.7  |
| 77       | 48.4  | 36.3  | 54.5   |
| 79       | 48.0  | 36.8  | 55.2   |

Instrument :  
BNA\_F  
ClientSampleId :  
T872-T871MS

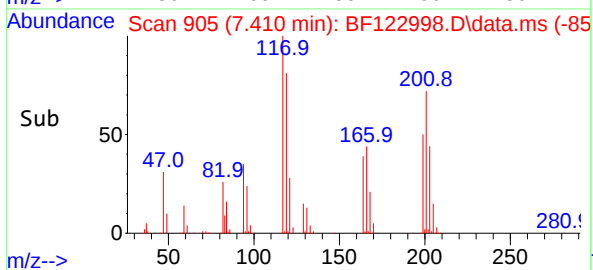
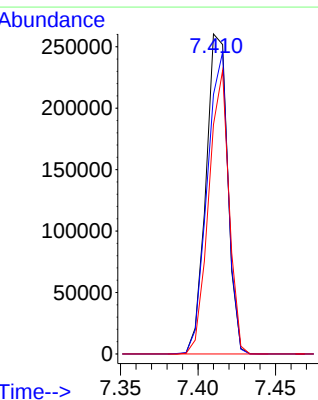
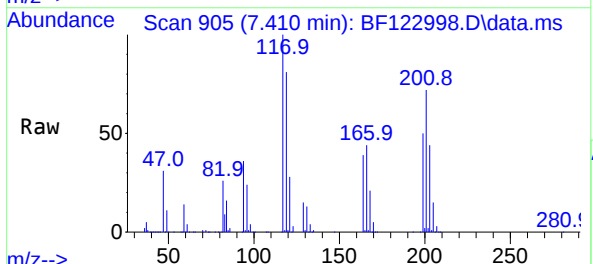
Manual Integrations  
APPROVED

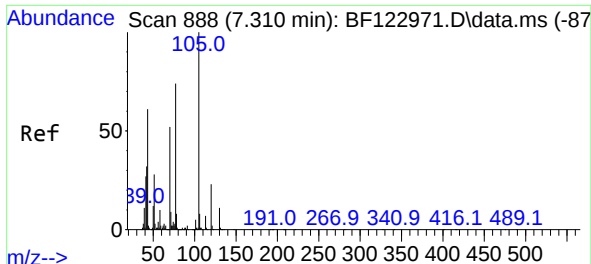
mohammad  
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#18  
Hexachloroethane  
Concen: 56.61 ng  
RT: 7.410 min Scan# 905  
Delta R.T. -0.006 min  
Lab File: BF122998.D  
Acq: 18 Jan 2021 21:04

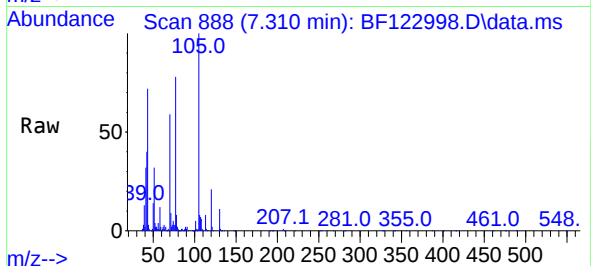
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 254251 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 81.1  | 78.4  | 117.6  |
| 201      | 71.7  | 79.6  | 119.4# |





#19  
n-Nitroso-di-n-propylamine  
Concen: 67.78 ng  
RT: 7.310 min Scan# 888  
Delta R.T. -0.000 min  
Lab File: BF122998.D  
Acq: 18 Jan 2021 21:04

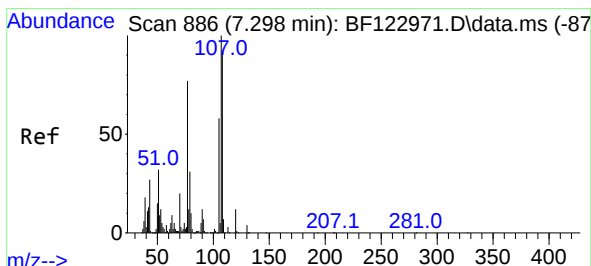
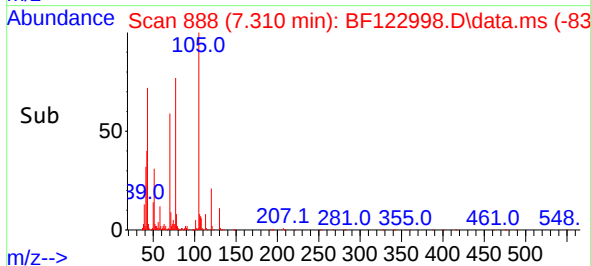
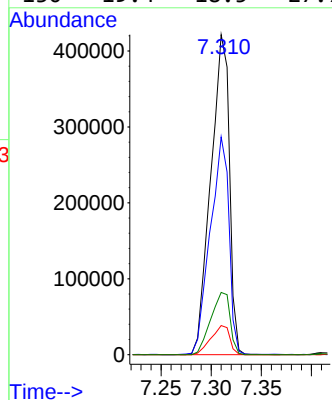
Instrument :  
BNA\_F  
ClientSampleId :  
T872-T871MS



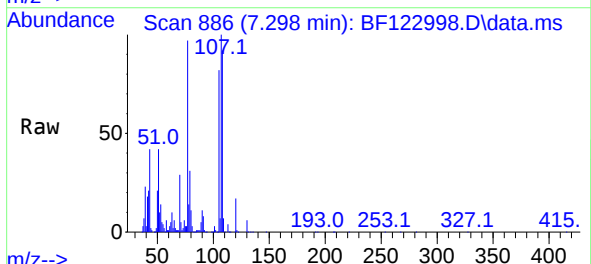
Tgt Ion: 70 Resp: 544854  
Ion Ratio Lower Upper  
70 100  
42 68.1 43.0 64.4#  
101 9.1 7.9 11.9  
130 19.4 18.5 27.7

Manual Integrations  
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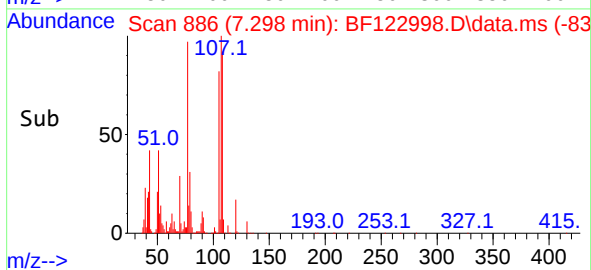
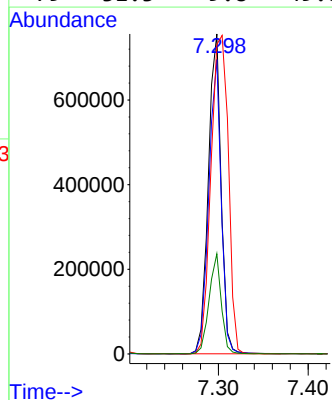
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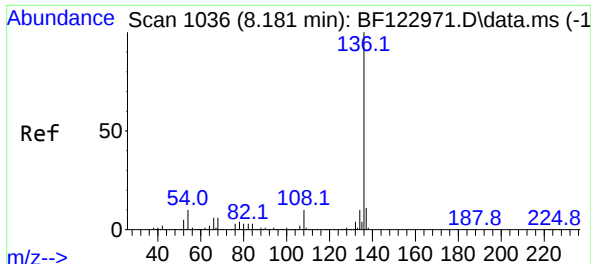


#20  
3+4-Methylphenols  
Concen: 66.02 ng  
RT: 7.298 min Scan# 886  
Delta R.T. -0.000 min  
Lab File: BF122998.D  
Acq: 18 Jan 2021 21:04



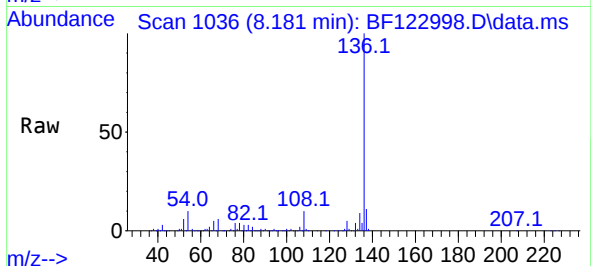
Tgt Ion: 107 Resp: 746929  
Ion Ratio Lower Upper  
107 100  
108 92.0 68.7 108.7  
77 96.7 89.8 129.8  
79 31.3 9.8 49.8





#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.181 min Scan# 1036  
Delta R.T. -0.000 min  
Lab File: BF122998.D  
Acq: 18 Jan 2021 21:04

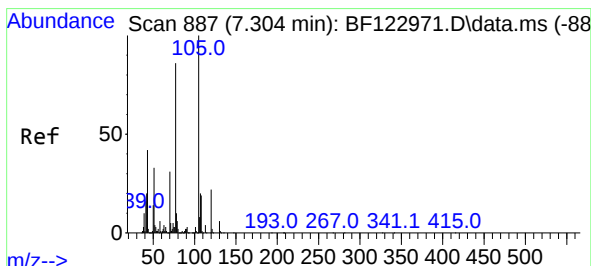
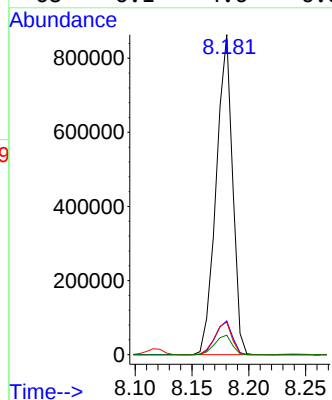
Instrument :  
BNA\_F  
ClientSampleId :  
T872-T871MS



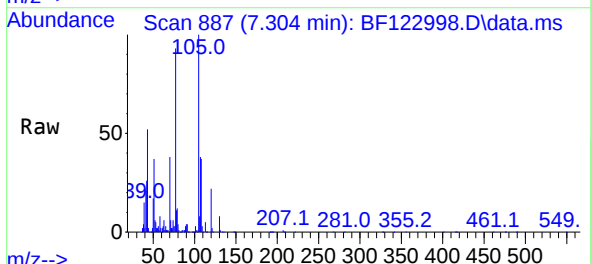
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 865089 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 10.5  | 8.8   | 13.2   |
| 54        | 10.2  | 5.5   | 8.3#   |
| 68        | 6.1   | 4.6   | 6.8    |

Manual Integrations  
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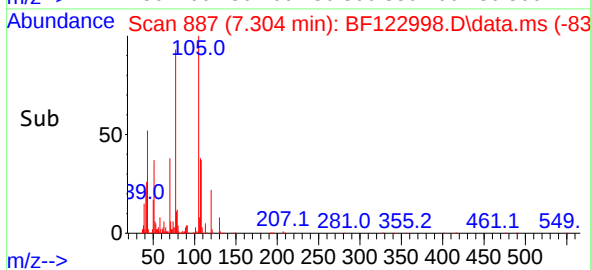
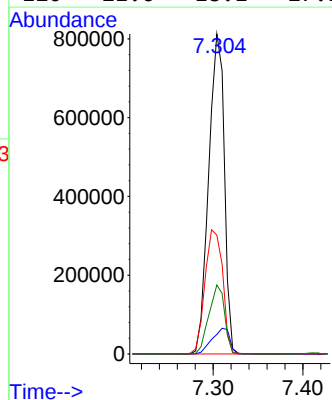
mohammad  
1/20/2021 2:15:35 PM

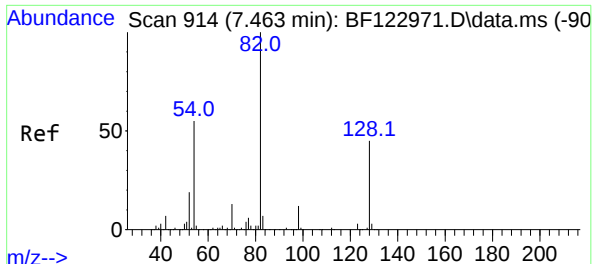


#22  
Acetophenone  
Concen: 45.10 ng  
RT: 7.304 min Scan# 887  
Delta R.T. -0.000 min  
Lab File: BF122998.D  
Acq: 18 Jan 2021 21:04



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 981285 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 71        | 6.1   | 6.5   | 9.7#   |
| 51        | 37.1  | 24.3  | 36.5#  |
| 120       | 21.6  | 18.1  | 27.1   |





#23

Nitrobenzene-d5

Concen: 84.21 ng

RT: 7.457 min Scan# 913

Delta R.T. -0.006 min

Lab File: BF122998.D

Acq: 18 Jan 2021 21:04

Tgt Ion: 82 Resp: 1415624

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 39.8  | 37.0  | 55.4  |
| 54  | 59.6  | 38.4  | 57.6# |

Instrument :

BNA\_F

ClientSampleId :

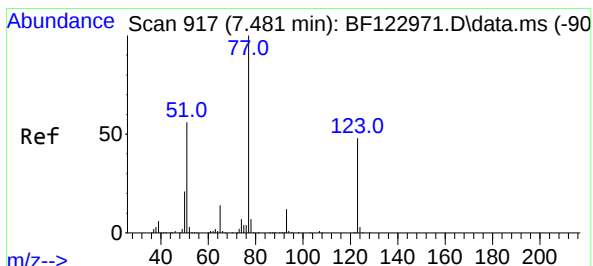
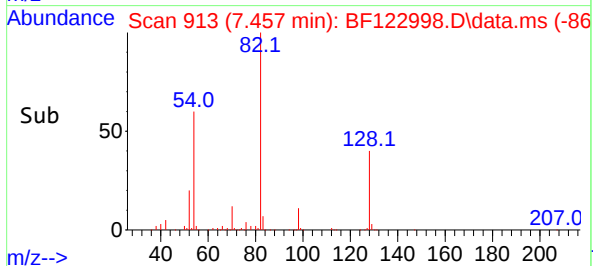
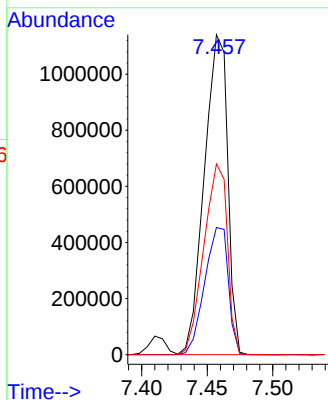
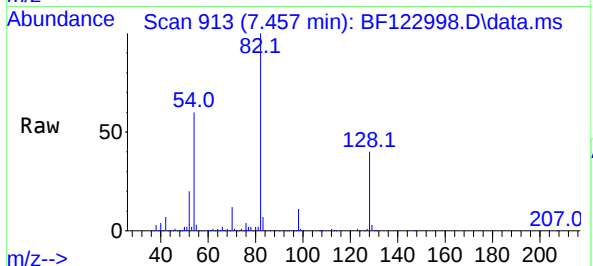
T872-T871MS

Manual Integrations

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#24

Nitrobenzene

Concen: 44.75 ng

RT: 7.481 min Scan# 917

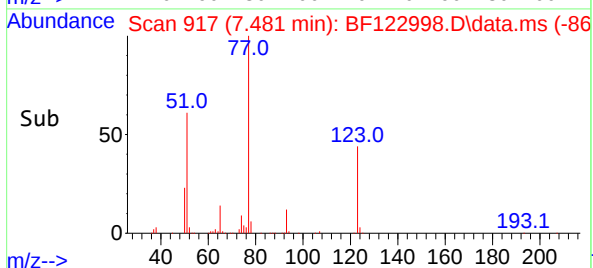
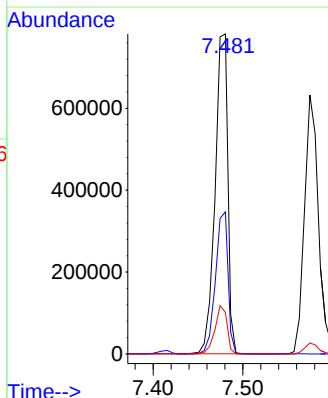
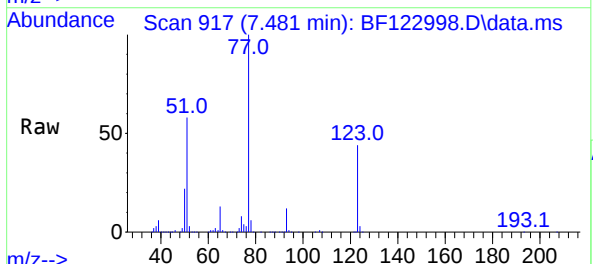
Delta R.T. -0.000 min

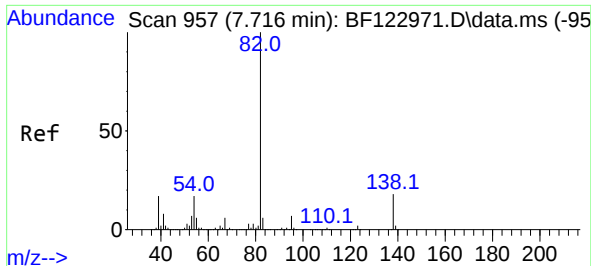
Lab File: BF122998.D

Acq: 18 Jan 2021 21:04

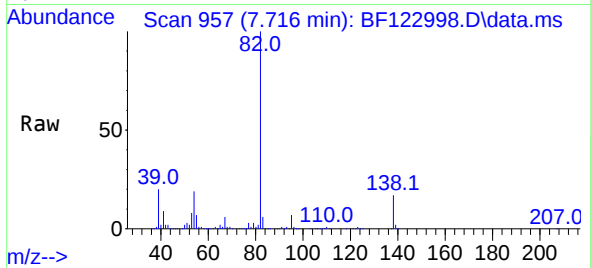
Tgt Ion: 77 Resp: 771003

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 44.4  | 39.3  | 58.9  |
| 65  | 13.0  | 10.6  | 15.8  |

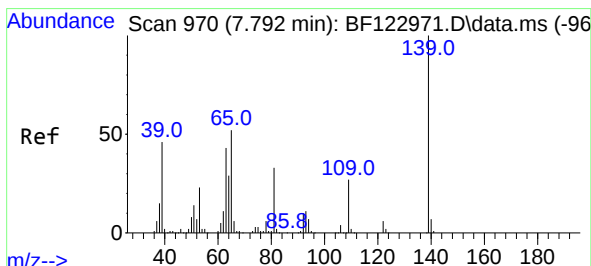
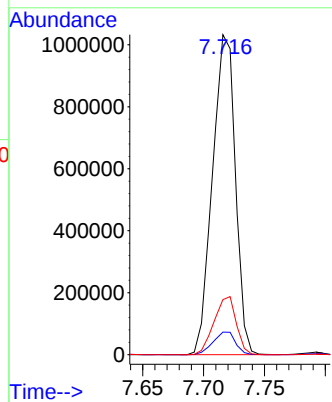
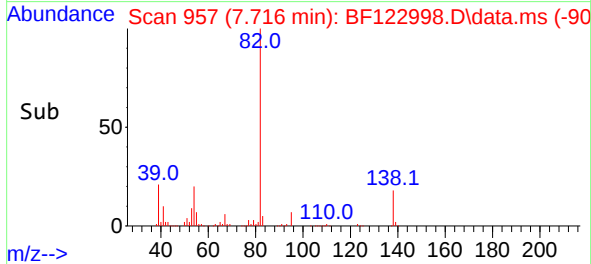




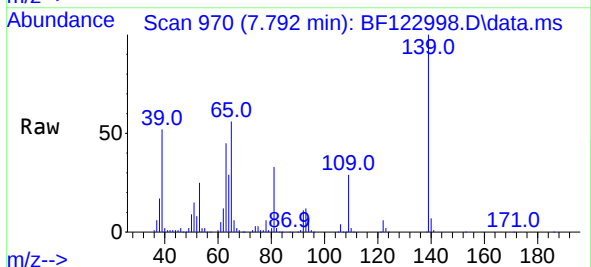
#25  
Isophorone  
Concen: 45.06 ng  
RT: 7.716 min Scan# 957  
Delta R.T. -0.000 min  
Lab File: BF122998.D  
Acq: 18 Jan 2021 21:04



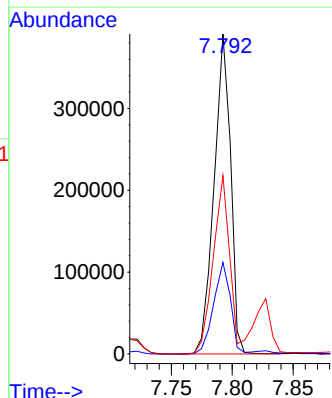
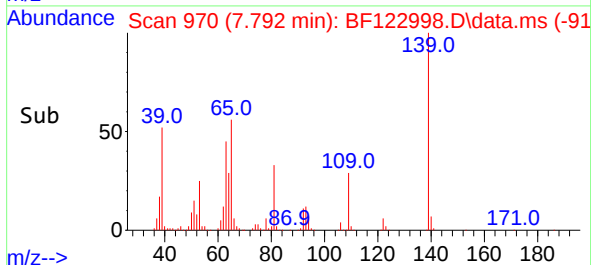
Tgt Ion: 82 Resp: 1351649  
Ion Ratio Lower Upper  
82 100  
95 7.1 5.8 8.6  
138 17.2 14.6 21.8



#26  
2-Nitrophenol  
Concen: 47.33 ng  
RT: 7.792 min Scan# 970  
Delta R.T. -0.000 min  
Lab File: BF122998.D  
Acq: 18 Jan 2021 21:04



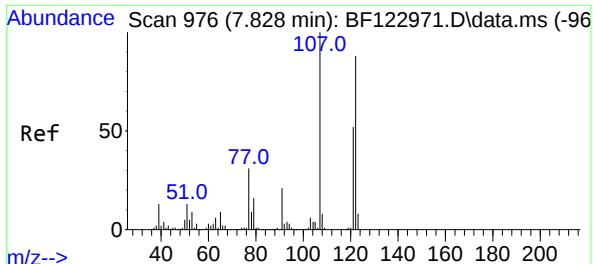
Tgt Ion: 139 Resp: 368401  
Ion Ratio Lower Upper  
139 100  
109 28.6 24.0 36.0  
65 55.7 40.9 61.3



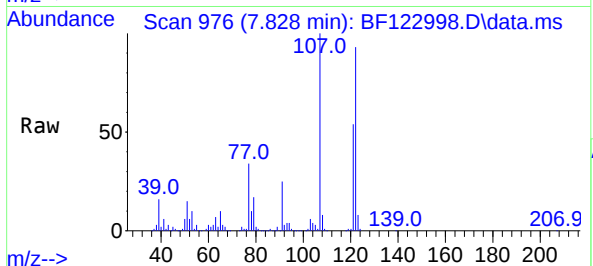
Instrument :  
BNA\_F  
ClientSampleId :  
T872-T871MS

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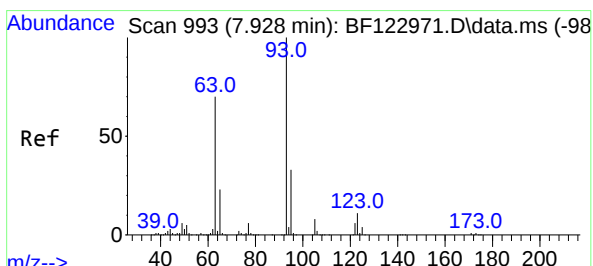
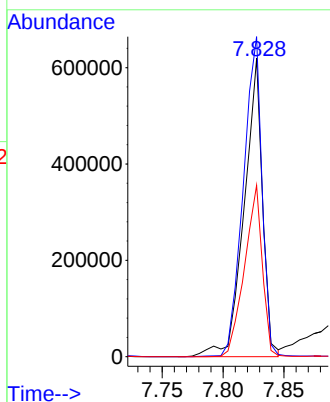
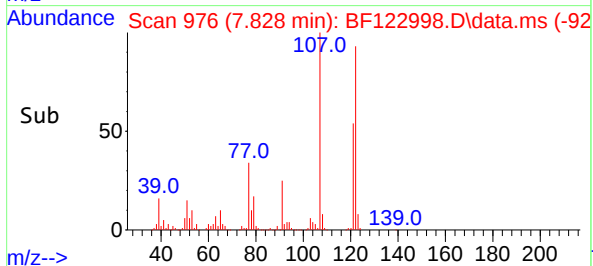
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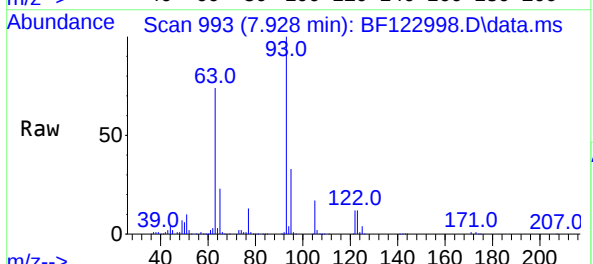
#27  
2,4-Dimethylphenol  
Concen: 52.39 ng  
RT: 7.828 min Scan# 976  
Delta R.T. -0.000 min  
Lab File: BF122998.D  
Acq: 18 Jan 2021 21:04



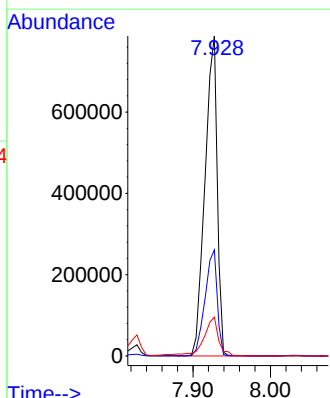
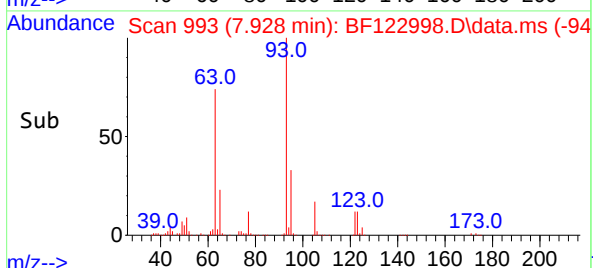
Tgt Ion:122 Resp: 649383  
Ion Ratio Lower Upper  
122 100  
107 107.3 91.8 137.8  
121 57.4 47.3 70.9



#28  
bis(2-Chloroethoxy)methane  
Concen: 42.53 ng  
RT: 7.928 min Scan# 993  
Delta R.T. -0.000 min  
Lab File: BF122998.D  
Acq: 18 Jan 2021 21:04



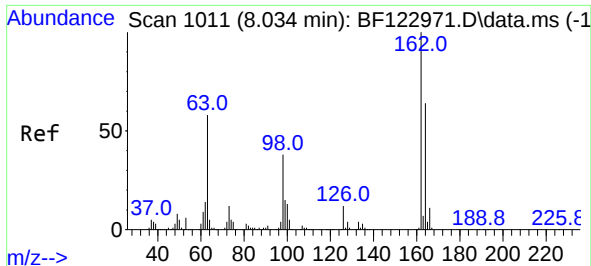
Tgt Ion: 93 Resp: 862411  
Ion Ratio Lower Upper  
93 100  
95 33.2 26.2 39.2  
123 12.2 9.2 13.8



Instrument :  
BNA\_F  
ClientSampleId :  
T872-T871MS

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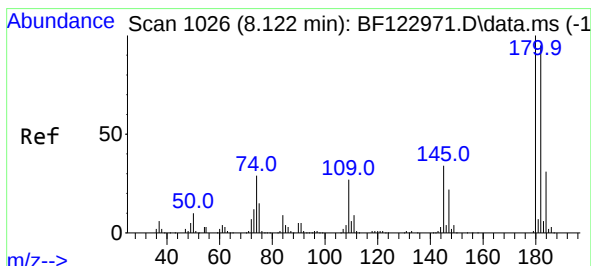
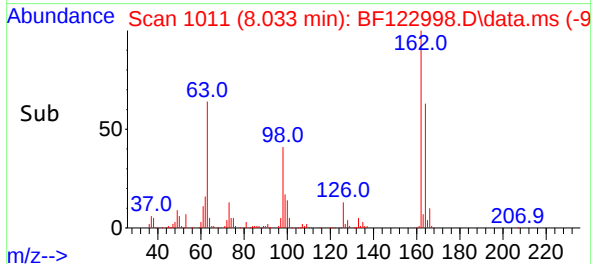
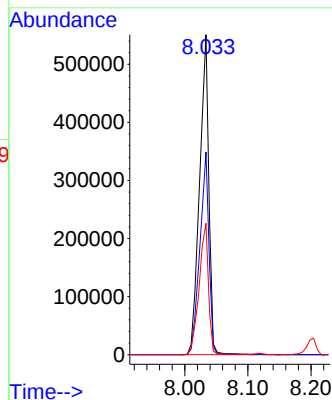
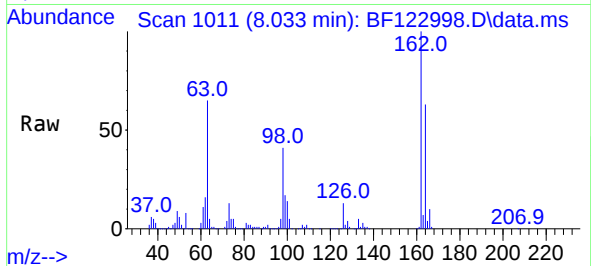
#29  
2,4-Dichlorophenol  
Concen: 43.35 ng  
RT: 8.033 min Scan# 1011  
Delta R.T. -0.000 min  
Lab File: BF122998.D  
Acq: 18 Jan 2021 21:04

Tgt Ion:162 Resp: 560881  
Ion Ratio Lower Upper  
162 100  
164 63.3 43.2 83.2  
98 41.0 15.2 55.2

Instrument :  
BNA\_F  
ClientSampleId :  
T872-T871MS

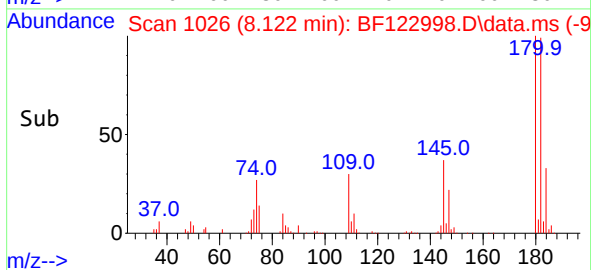
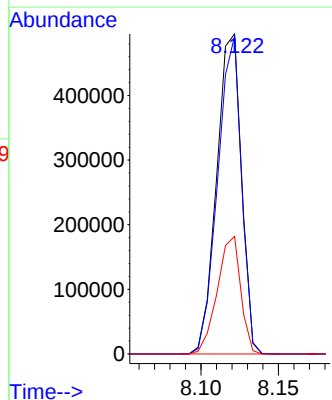
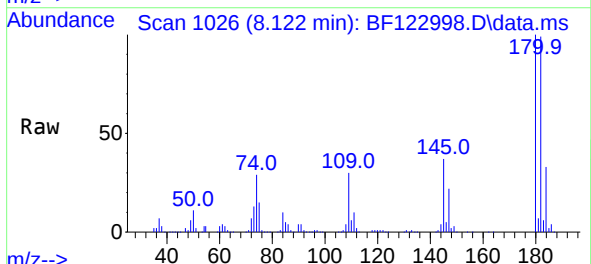
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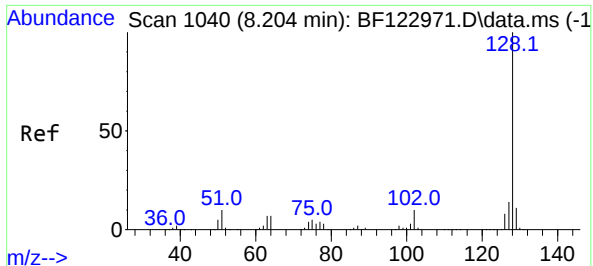
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#30  
1,2,4-Trichlorobenzene  
Concen: 39.96 ng  
RT: 8.122 min Scan# 1026  
Delta R.T. -0.000 min  
Lab File: BF122998.D  
Acq: 18 Jan 2021 21:04

Tgt Ion:180 Resp: 550775  
Ion Ratio Lower Upper  
180 100  
182 99.3 75.7 113.5  
145 36.7 25.0 37.4





#31  
Naphthalene  
Concen: 42.32 ng  
RT: 8.204 min Scan# 1040  
Delta R.T. -0.000 min  
Lab File: BF122998.D  
Acq: 18 Jan 2021 21:04

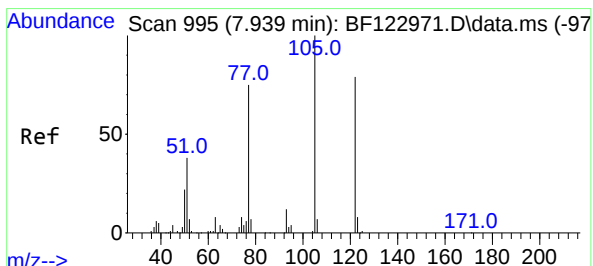
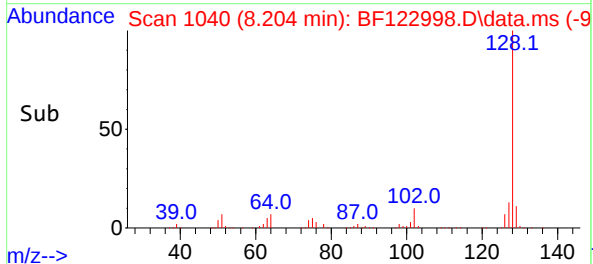
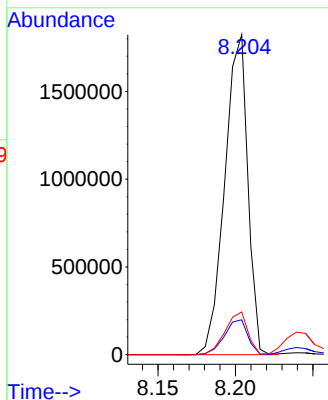
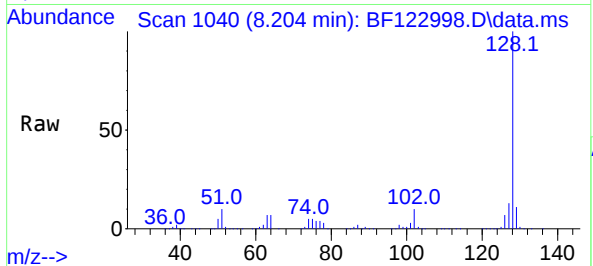
Tgt Ion:128 Resp: 1882472

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 129 | 10.9  | 9.0   | 13.6  |
| 127 | 13.3  | 10.7  | 16.1  |

Instrument :  
BNA\_F  
ClientSampleId :  
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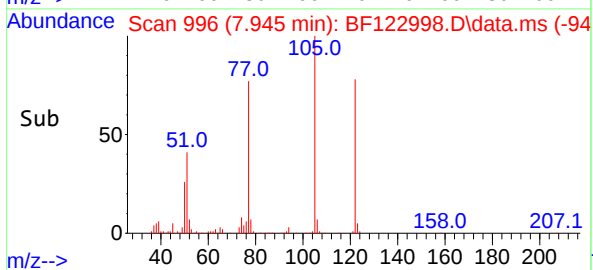
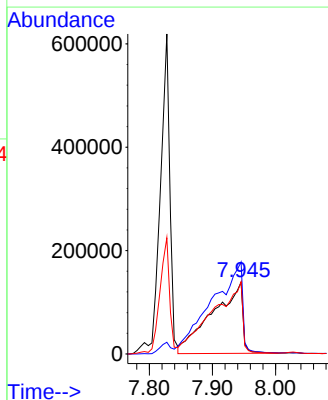
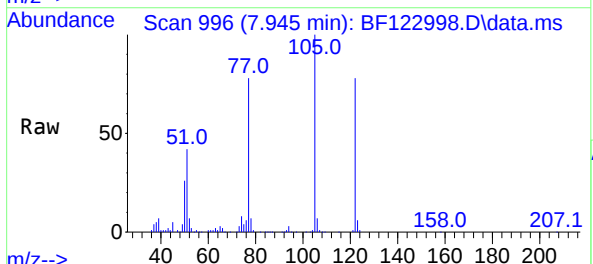
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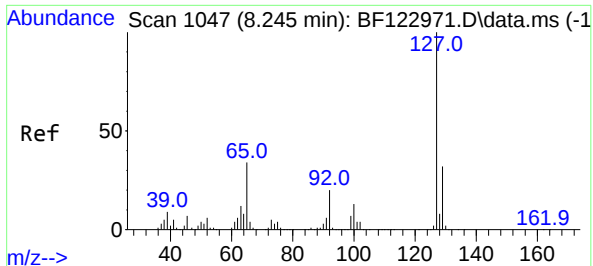


#32  
Benzoic acid  
Concen: 44.02 ng  
RT: 7.945 min Scan# 996  
Delta R.T. 0.006 min  
Lab File: BF122998.D  
Acq: 18 Jan 2021 21:04

Tgt Ion:122 Resp: 458343

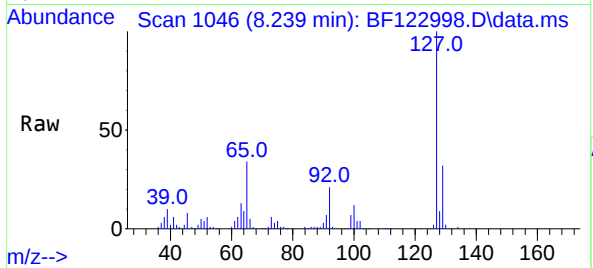
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 122 | 100   |       |       |
| 105 | 128.5 | 104.8 | 144.8 |
| 77  | 100.8 | 71.0  | 111.0 |





#33  
4-Chloroaniline  
Concen: 9.67 ng  
RT: 8.239 min Scan# 1046  
Delta R.T. -0.006 min  
Lab File: BF122998.D  
Acq: 18 Jan 2021 21:04

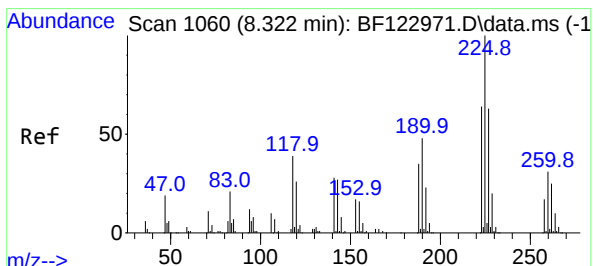
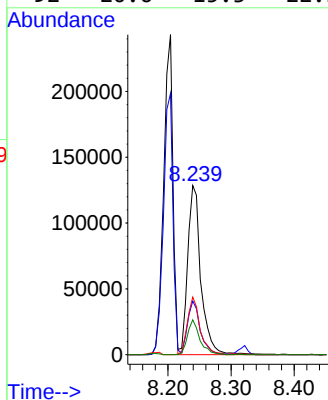
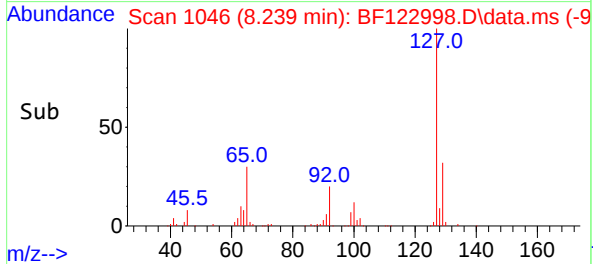
Instrument :  
BNA\_F  
ClientSampleId :  
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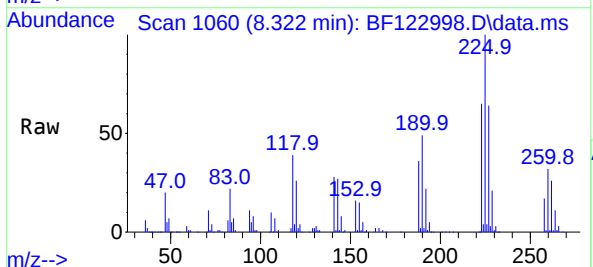
Tgt Ion:127 Resp: 187631  
Ion Ratio Lower Upper  
127 100  
129 31.7 26.2 39.2  
65 34.1 22.2 33.2#  
92 20.6 15.3 22.9

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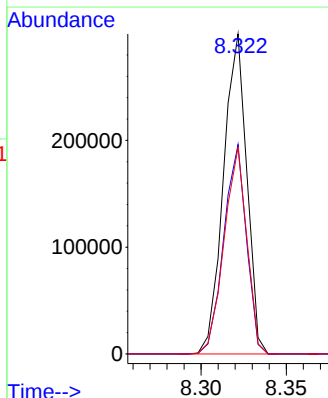
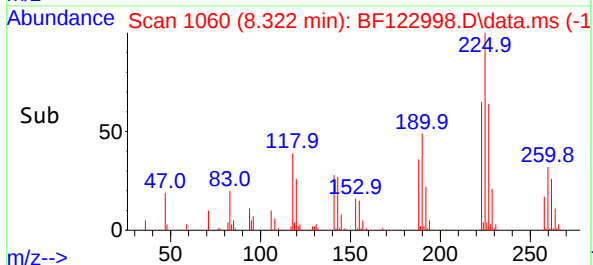
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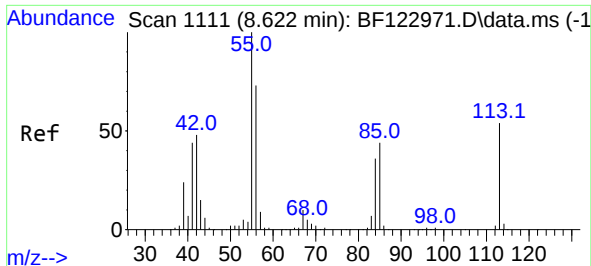


#34  
Hexachlorobutadiene  
Concen: 37.87 ng  
RT: 8.322 min Scan# 1060  
Delta R.T. -0.000 min  
Lab File: BF122998.D  
Acq: 18 Jan 2021 21:04



Tgt Ion:225 Resp: 285307  
Ion Ratio Lower Upper  
225 100  
223 65.5 50.7 76.1  
227 64.5 51.7 77.5





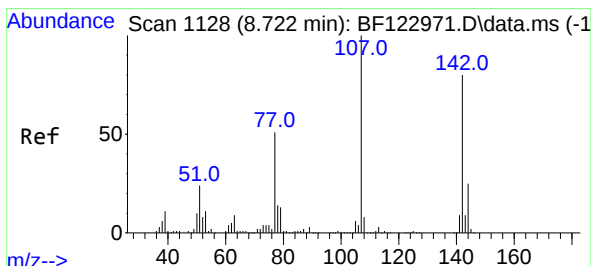
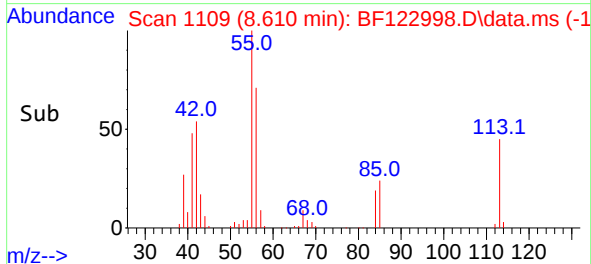
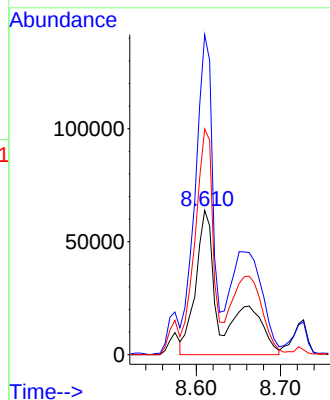
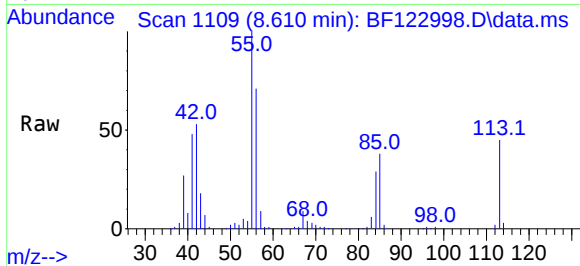
#35  
Caprolactam  
Concen: 33.11 ng m  
RT: 8.610 min Scan# 1109  
Delta R.T. -0.012 min  
Lab File: BF122998.D  
Acq: 18 Jan 2021 21:04

Tgt Ion:113 Resp: 145616  
Ion Ratio Lower Upper  
113 100  
55 221.8 133.7 173.7#  
56 156.5 95.3 135.3#

Instrument :  
BNA\_F  
ClientSampleId :  
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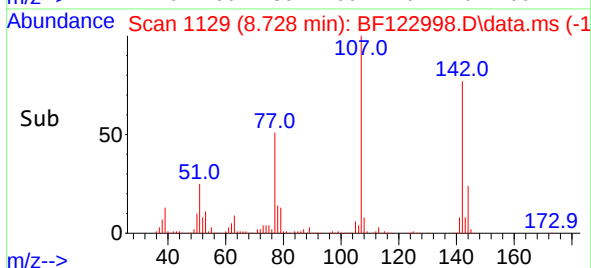
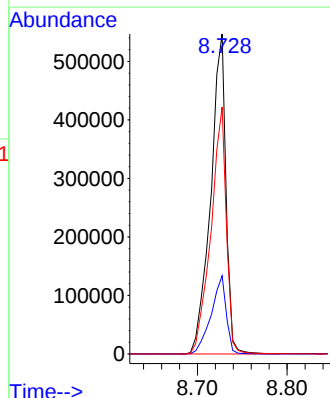
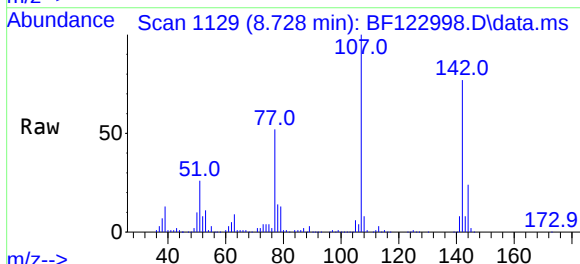
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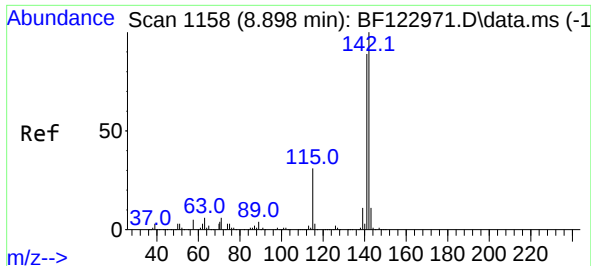
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#36  
4-Chloro-3-methylphenol  
Concen: 47.03 ng  
RT: 8.728 min Scan# 1129  
Delta R.T. 0.006 min  
Lab File: BF122998.D  
Acq: 18 Jan 2021 21:04

Tgt Ion:107 Resp: 647318  
Ion Ratio Lower Upper  
107 100  
144 24.5 20.2 30.2  
142 77.1 64.4 96.6





#37  
2-Methylnaphthalene  
Concen: 40.90 ng  
RT: 8.892 min Scan# 1157  
Delta R.T. -0.006 min  
Lab File: BF122998.D  
Acq: 18 Jan 2021 21:04

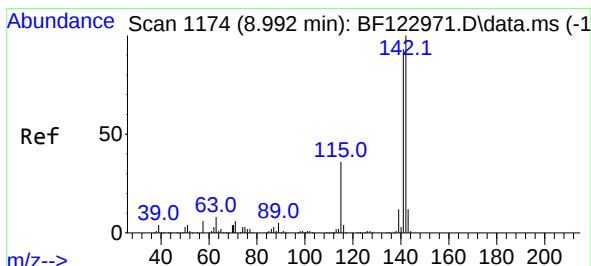
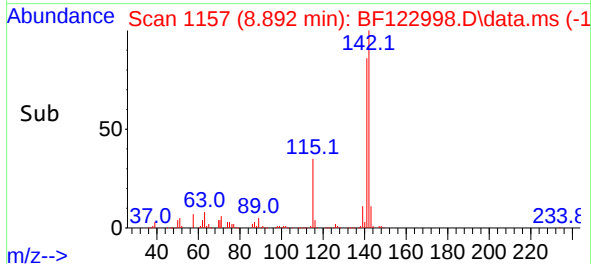
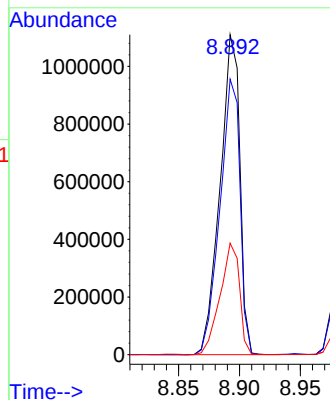
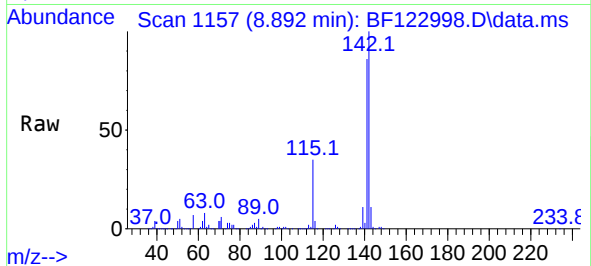
Tgt Ion:142 Resp: 1254828

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 142 | 100   |       |       |
| 141 | 86.1  | 70.6  | 106.0 |
| 115 | 34.9  | 28.7  | 43.1  |

Instrument :  
BNA\_F  
ClientSampleId :  
T872-T871MS

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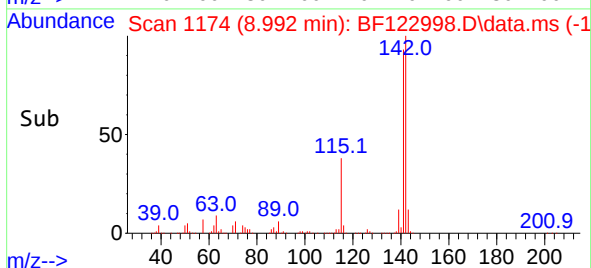
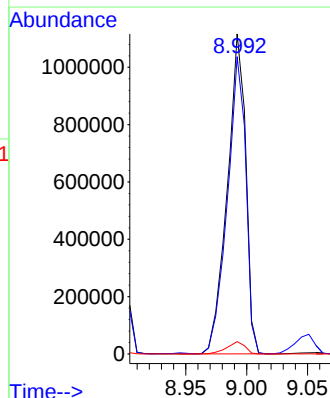
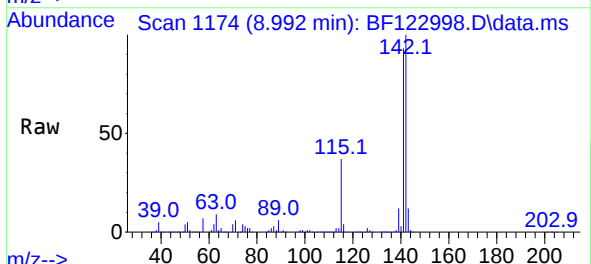
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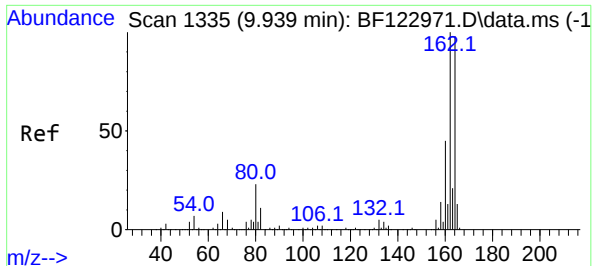


#38  
1-Methylnaphthalene  
Concen: 40.71 ng  
RT: 8.992 min Scan# 1174  
Delta R.T. -0.000 min  
Lab File: BF122998.D  
Acq: 18 Jan 2021 21:04

Tgt Ion:142 Resp: 1179643

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 142 | 100   |       |       |
| 141 | 92.9  | 74.5  | 111.7 |
| 116 | 3.9   | 3.2   | 4.8   |





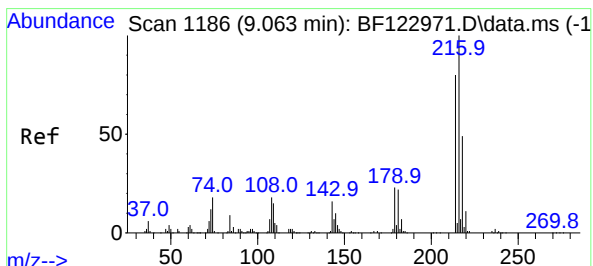
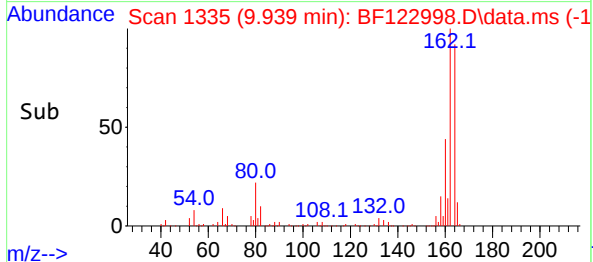
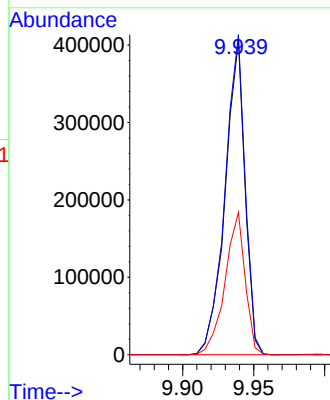
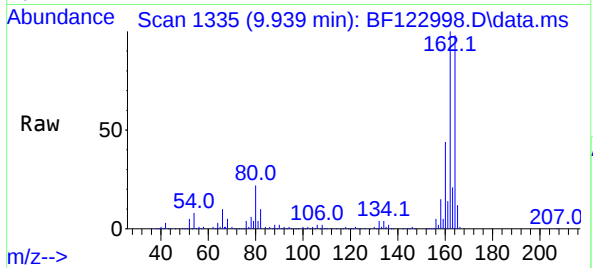
#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.939 min Scan# 1335  
Delta R.T. -0.000 min  
Lab File: BF122998.D  
Acq: 18 Jan 2021 21:04

Tgt Ion:164 Resp: 395748  
Ion Ratio Lower Upper  
164 100  
162 101.9 80.8 121.2  
160 45.3 35.4 53.0

Instrument :  
BNA\_F  
ClientSampleId :  
T872-T871MS

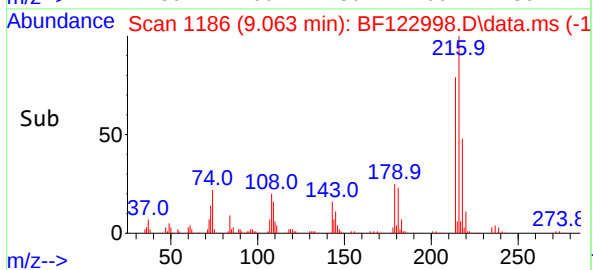
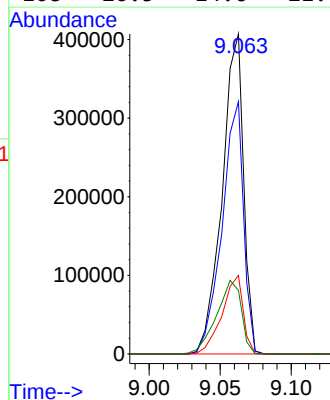
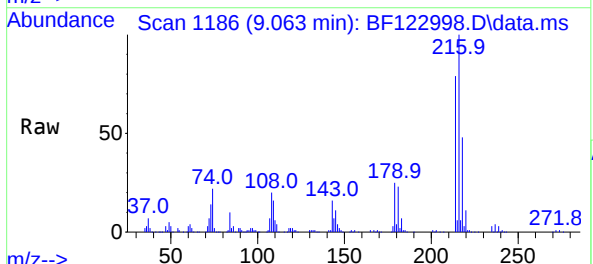
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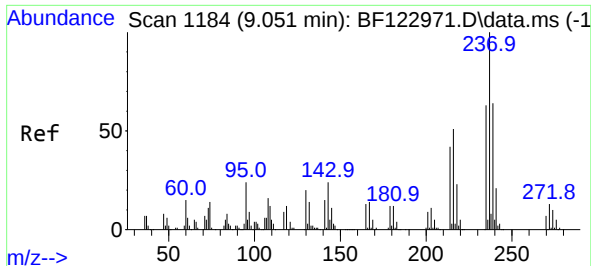
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#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 39.35 ng  
RT: 9.063 min Scan# 1186  
Delta R.T. -0.000 min  
Lab File: BF122998.D  
Acq: 18 Jan 2021 21:04

Tgt Ion:216 Resp: 427530  
Ion Ratio Lower Upper  
216 100  
214 78.9 63.1 94.7  
179 24.0 17.1 25.7  
108 26.5 14.6 21.8#





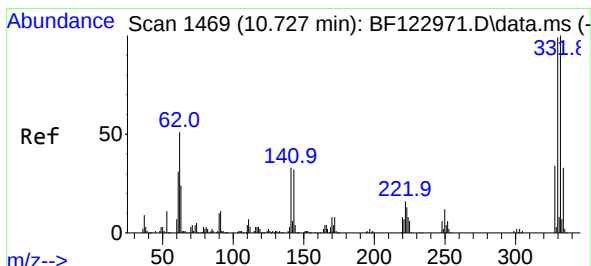
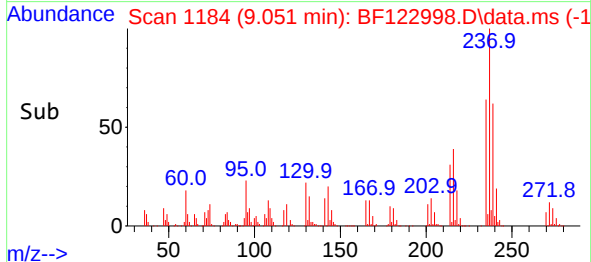
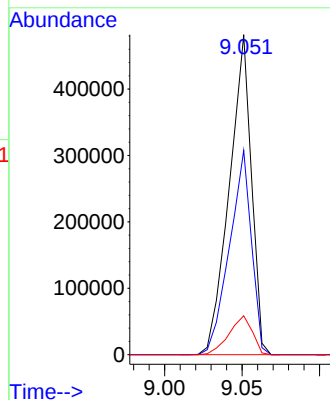
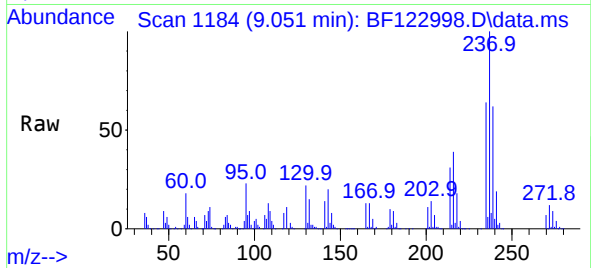
#41  
Hexachlorocyclopentadiene  
Concen: 90.70 ng  
RT: 9.051 min Scan# 1184  
Delta R.T. -0.000 min  
Lab File: BF122998.D  
Acq: 18 Jan 2021 21:04

Tgt Ion:237 Resp: 478661  
Ion Ratio Lower Upper  
237 100  
235 63.8 40.9 80.9  
272 12.2 0.0 33.4

Instrument :  
BNA\_F  
ClientSampled :  
T872-T871MS

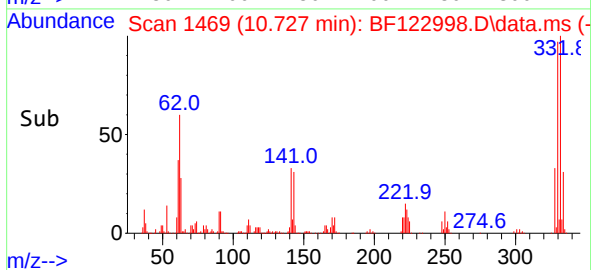
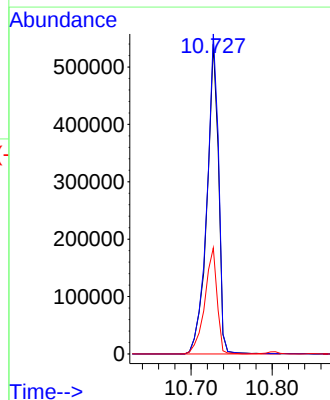
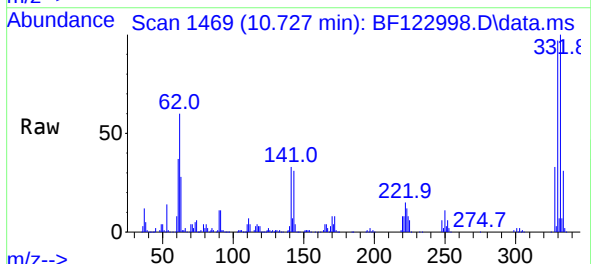
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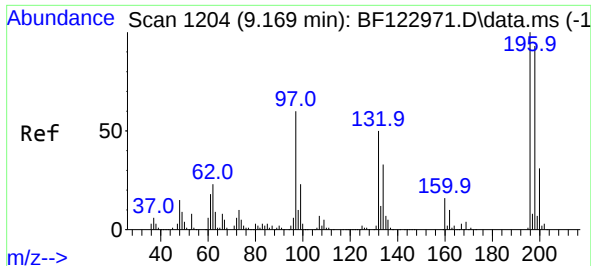
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#42  
2,4,6-Tribromophenol  
Concen: 119.46 ng  
RT: 10.727 min Scan# 1469  
Delta R.T. 0.000 min  
Lab File: BF122998.D  
Acq: 18 Jan 2021 21:04

Tgt Ion:330 Resp: 534607  
Ion Ratio Lower Upper  
330 100  
332 103.6 77.5 116.3  
141 36.3 23.8 35.8#





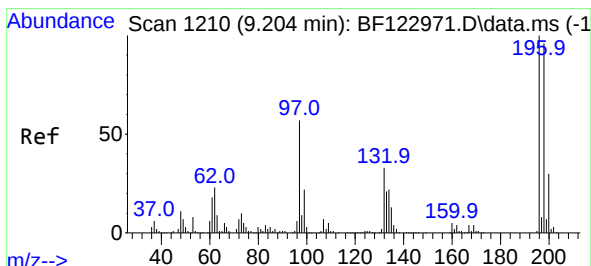
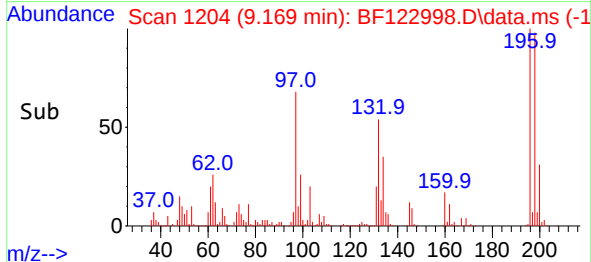
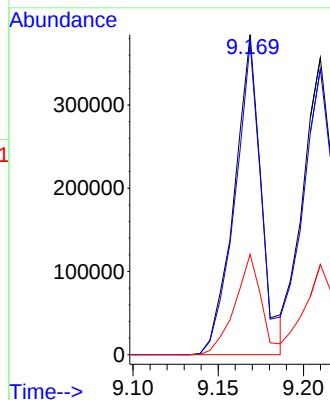
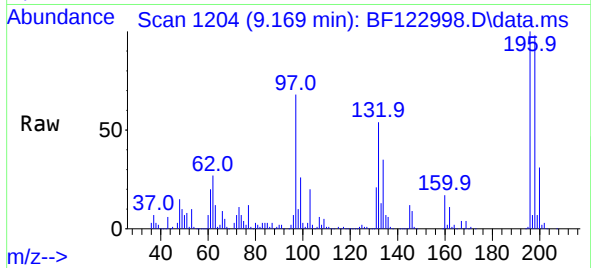
#43  
2,4,6-Trichlorophenol  
Concen: 52.23 ng  
RT: 9.169 min Scan# 1204  
Delta R.T. -0.000 min  
Lab File: BF122998.D  
Acq: 18 Jan 2021 21:04

Tgt Ion:196 Resp: 422995  
Ion Ratio Lower Upper  
196 100  
198 97.5 75.1 112.7  
200 31.4 23.7 35.5

Instrument :  
BNA\_F  
ClientSampled :  
T872-T871MS

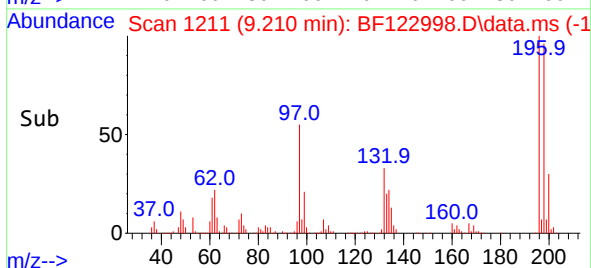
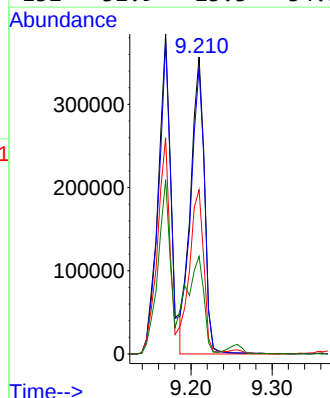
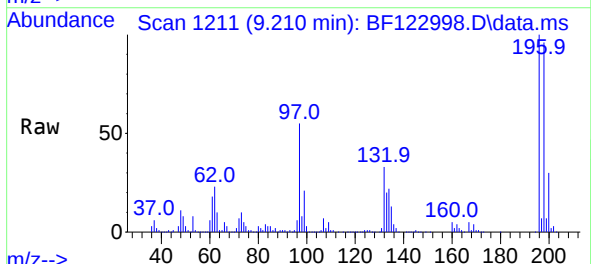
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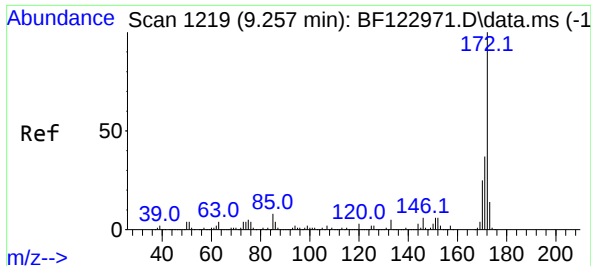
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#44  
2,4,5-Trichlorophenol  
Concen: 52.02 ng  
RT: 9.210 min Scan# 1211  
Delta R.T. 0.006 min  
Lab File: BF122998.D  
Acq: 18 Jan 2021 21:04

Tgt Ion:196 Resp: 427448  
Ion Ratio Lower Upper  
196 100  
198 96.2 76.5 114.7  
97 55.3 40.1 60.1  
132 32.9 23.3 34.9





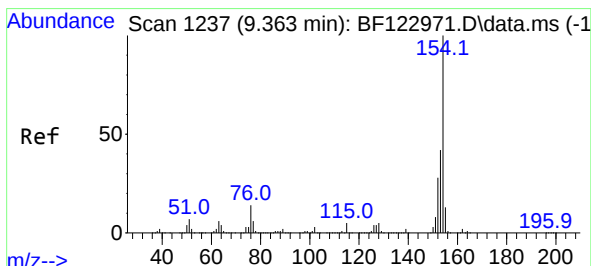
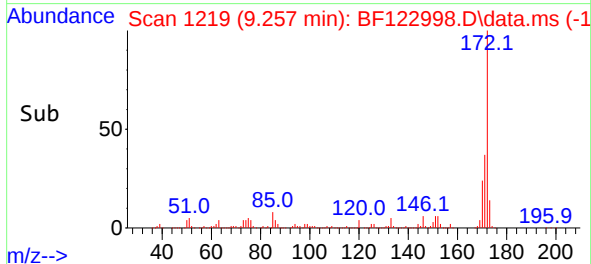
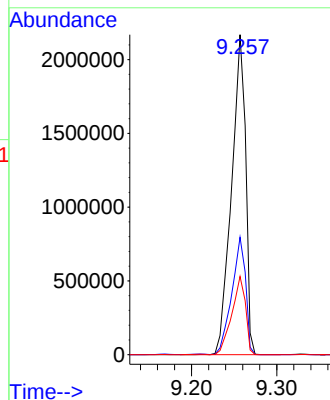
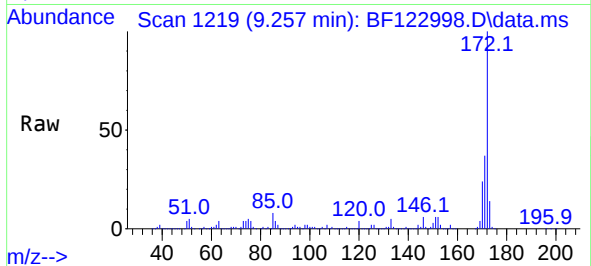
#45  
2-Fluorobiphenyl  
Concen: 87.93 ng  
RT: 9.257 min Scan# 1219  
Delta R.T. -0.000 min  
Lab File: BF122998.D  
Acq: 18 Jan 2021 21:04

Tgt Ion:172 Resp: 2485156  
Ion Ratio Lower Upper  
172 100  
171 36.7 29.6 44.4  
170 24.5 19.5 29.3

Instrument :  
BNA\_F  
ClientSampleId :  
T872-T871MS

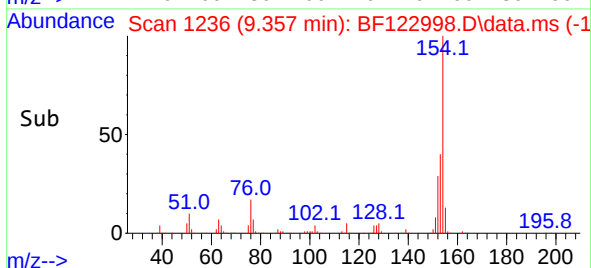
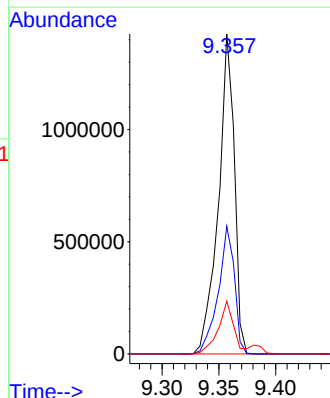
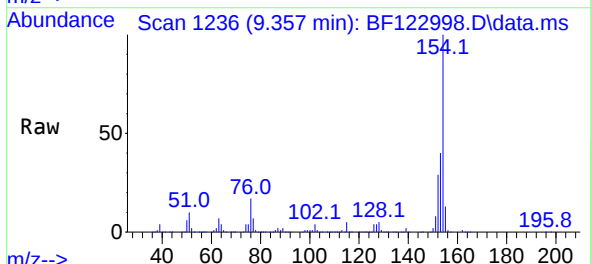
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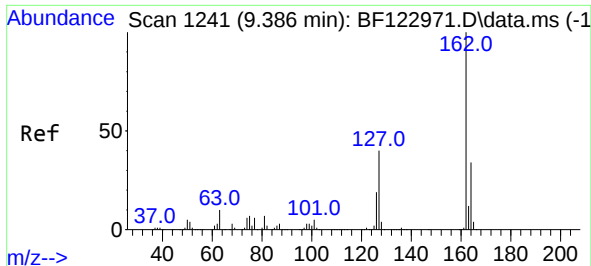
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#46  
1,1'-Biphenyl  
Concen: 43.35 ng  
RT: 9.357 min Scan# 1236  
Delta R.T. -0.006 min  
Lab File: BF122998.D  
Acq: 18 Jan 2021 21:04

Tgt Ion:154 Resp: 1395242  
Ion Ratio Lower Upper  
154 100  
153 39.9 21.8 61.8  
76 16.5 0.0 33.4





#47  
2-Chloronaphthalene  
Concen: 42.62 ng  
RT: 9.386 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: BF122998.D  
Acq: 18 Jan 2021 21:04

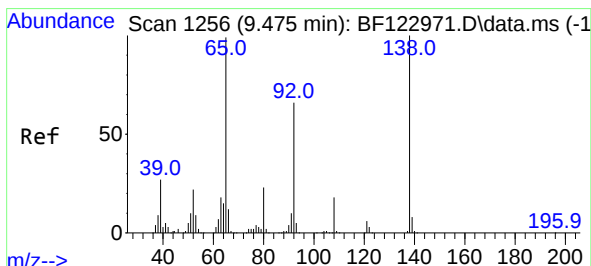
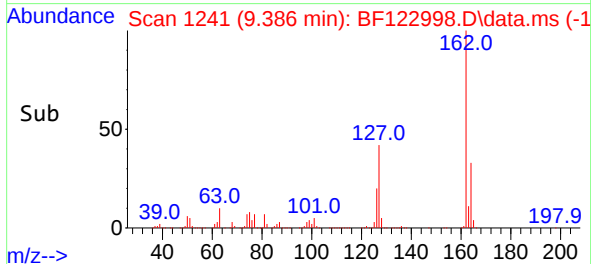
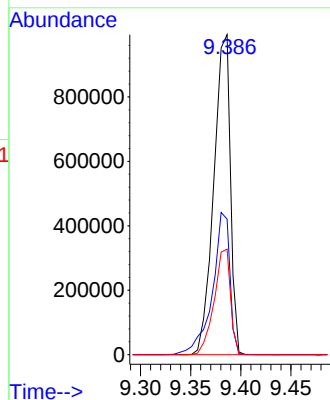
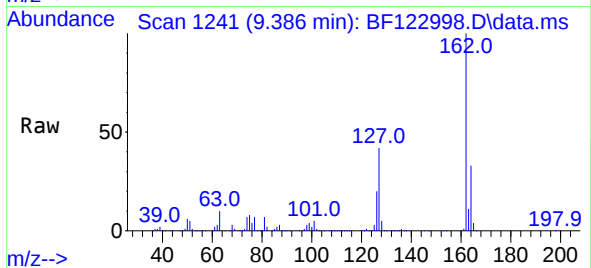
Tgt Ion:162 Resp: 1144551

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 162 | 100   |       |       |
| 127 | 42.3  | 33.8  | 50.8  |
| 164 | 33.0  | 26.5  | 39.7  |

Instrument :  
BNA\_F  
ClientSampled :  
T872-T871MS

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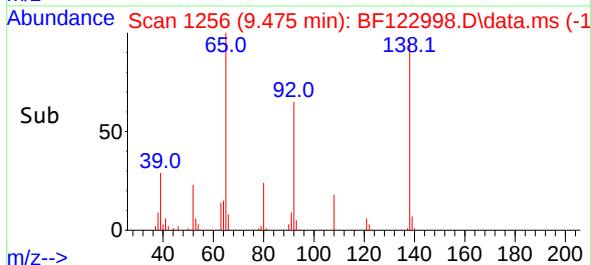
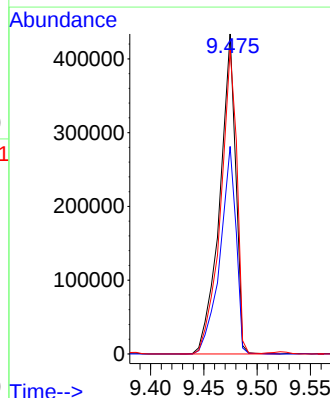
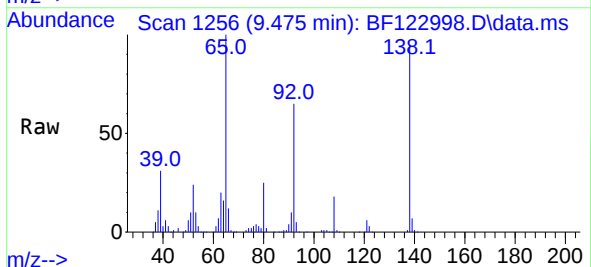
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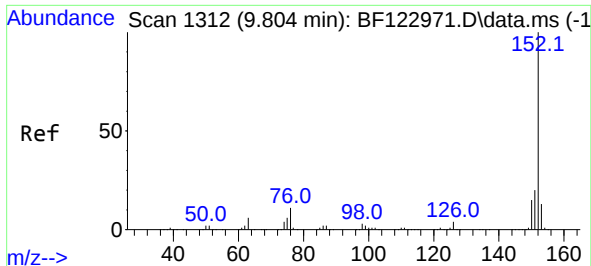


#48  
2-Nitroaniline  
Concen: 49.27 ng  
RT: 9.475 min Scan# 1256  
Delta R.T. -0.000 min  
Lab File: BF122998.D  
Acq: 18 Jan 2021 21:04

Tgt Ion: 65 Resp: 450942

| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 65  | 100   |       |        |
| 92  | 64.9  | 60.0  | 90.0   |
| 138 | 95.0  | 100.6 | 151.0# |





#49

Acenaphthylene

Concen: 45.24 ng

RT: 9.804 min Scan# 1312

Delta R.T. -0.000 min

Lab File: BF122998.D

Acq: 18 Jan 2021 21:04

Tgt Ion:152 Resp: 1772180

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 20.6  | 16.6  | 25.0  |
| 153 | 13.9  | 10.9  | 16.3  |

Instrument :

BNA\_F

ClientSampleId :

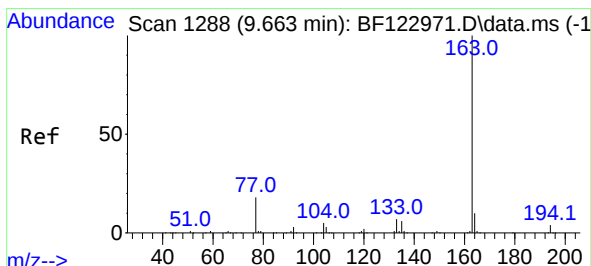
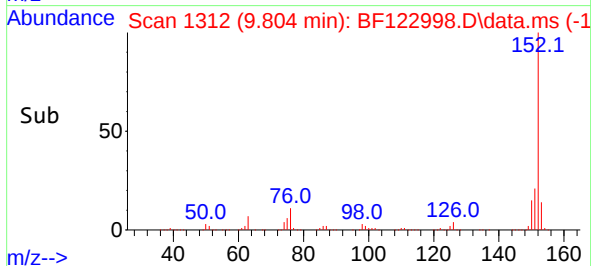
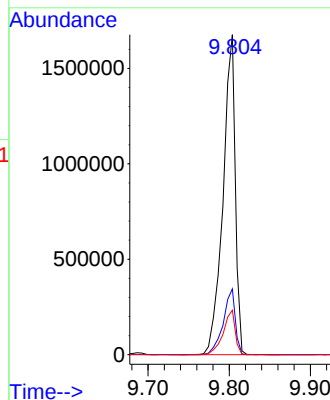
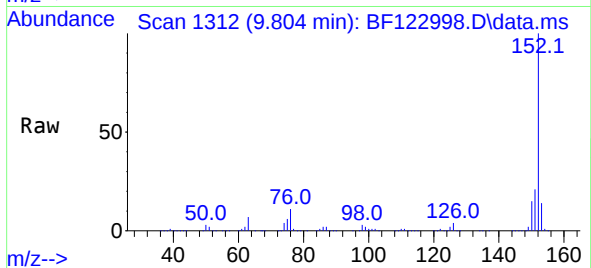
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#50

Dimethylphthalate

Concen: 43.60 ng

RT: 9.657 min Scan# 1287

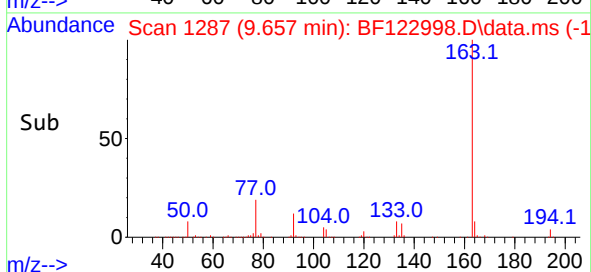
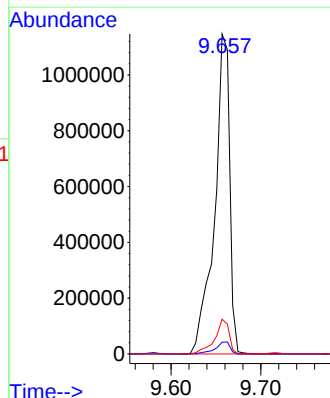
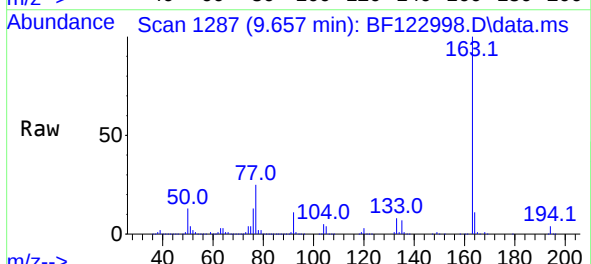
Delta R.T. -0.006 min

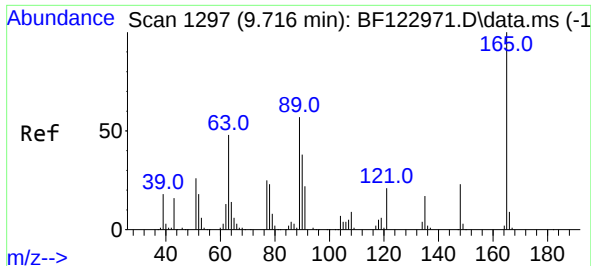
Lab File: BF122998.D

Acq: 18 Jan 2021 21:04

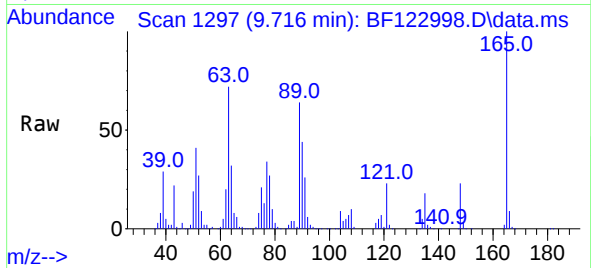
Tgt Ion:163 Resp: 1339348

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 3.6   | 3.4   | 5.0   |
| 164 | 10.8  | 8.1   | 12.1  |

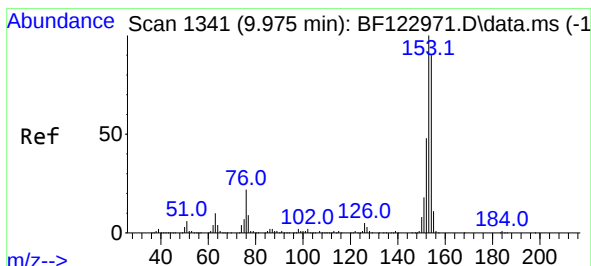
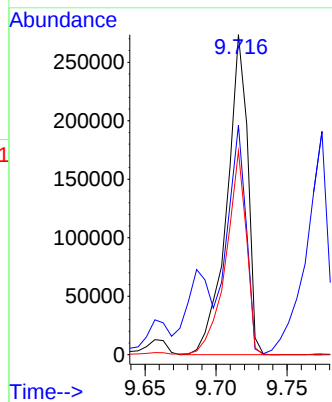
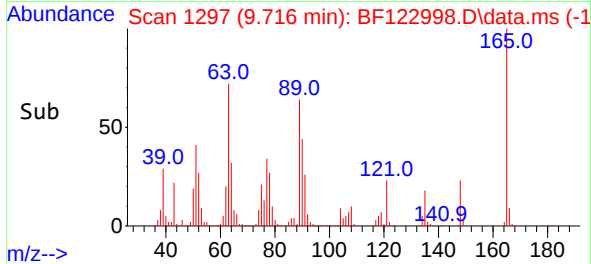




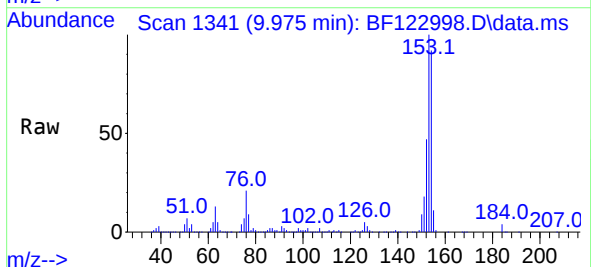
#51  
2,6-Dinitrotoluene  
Concen: 41.60 ng  
RT: 9.716 min Scan# 1297  
Delta R.T. -0.000 min  
Lab File: BF122998.D  
Acq: 18 Jan 2021 21:04



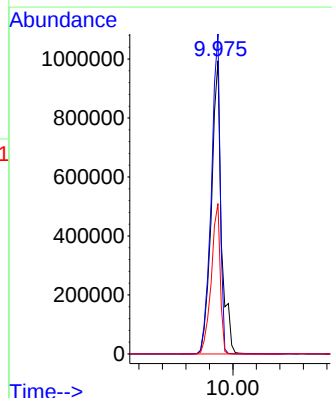
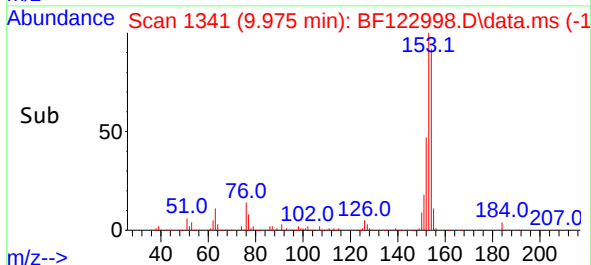
Tgt Ion:165 Resp: 279494  
Ion Ratio Lower Upper  
165 100  
63 71.7 36.6 55.0#  
89 63.6 39.4 59.0#



#52  
Acenaphthene  
Concen: 46.72 ng  
RT: 9.975 min Scan# 1341  
Delta R.T. -0.000 min  
Lab File: BF122998.D  
Acq: 18 Jan 2021 21:04



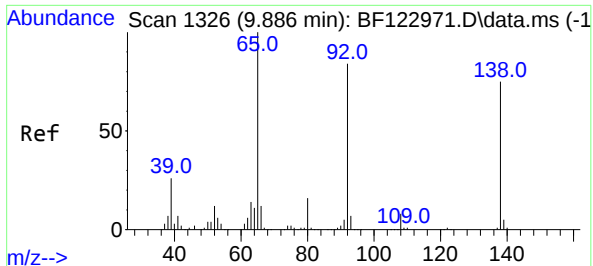
Tgt Ion:154 Resp: 1183003  
Ion Ratio Lower Upper  
154 100  
153 109.2 89.0 133.6  
152 51.3 42.7 64.1



Instrument :  
BNA\_F  
ClientSampled :  
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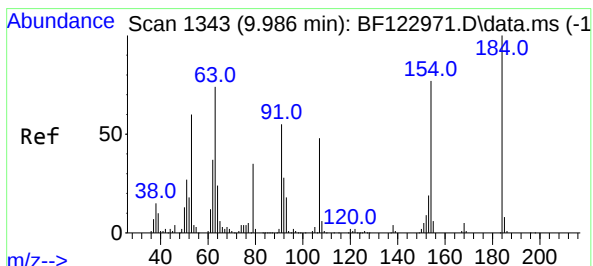
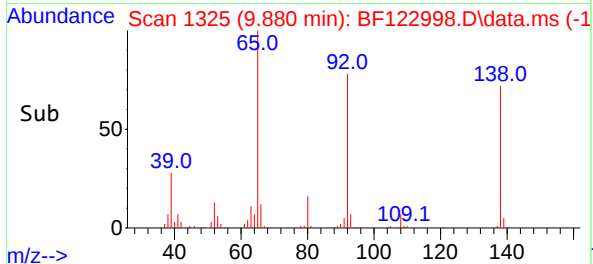
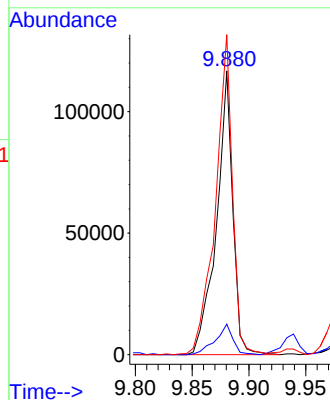
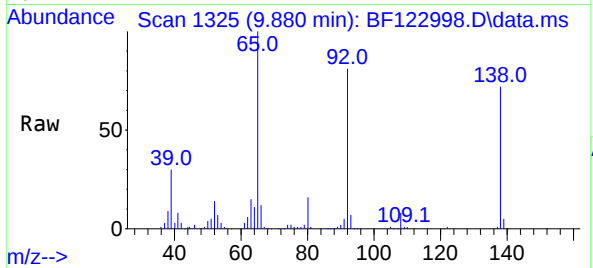
#53  
3-Nitroaniline  
Concen: 14.03 ng  
RT: 9.880 min Scan# 1325  
Delta R.T. -0.006 min  
Lab File: BF122998.D  
Acq: 18 Jan 2021 21:04

Tgt Ion:138 Resp: 116523  
Ion Ratio Lower Upper  
138 100  
108 10.8 8.2 12.2  
92 112.8 85.4 128.2

Instrument :  
BNA\_F  
ClientSampleId :  
T872-T871MS

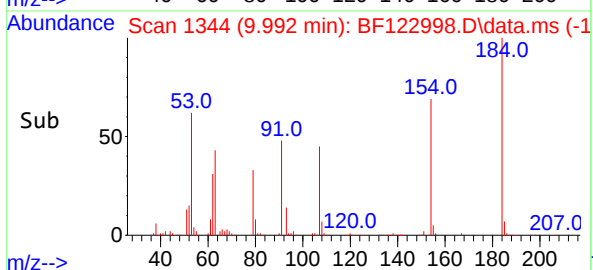
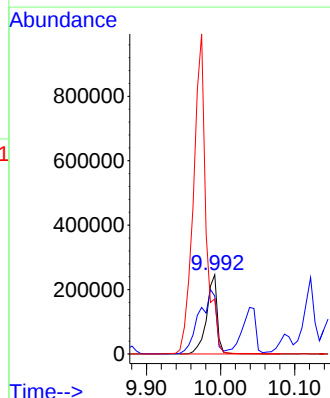
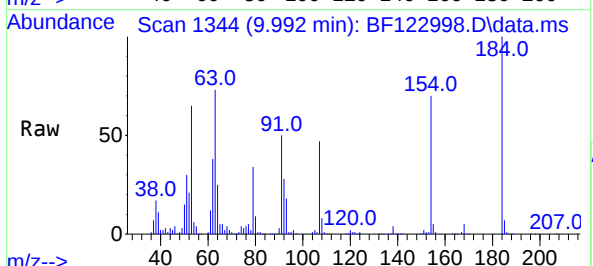
Manual Integrations  
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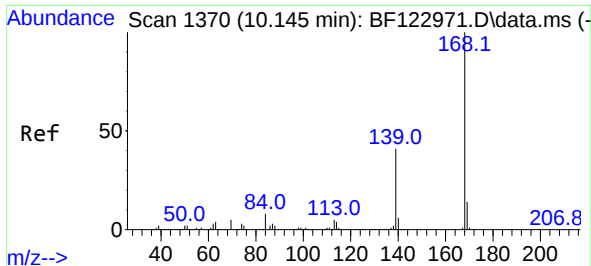
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#54  
2,4-Dinitrophenol  
Concen: 67.25 ng  
RT: 9.992 min Scan# 1344  
Delta R.T. 0.006 min  
Lab File: BF122998.D  
Acq: 18 Jan 2021 21:04

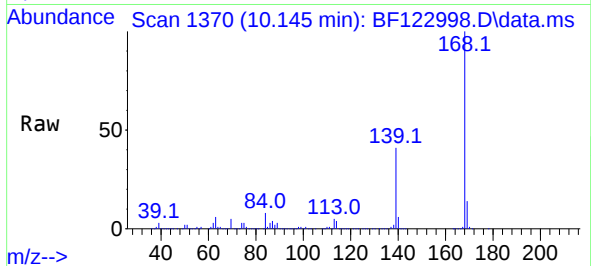
Tgt Ion:184 Resp: 245511  
Ion Ratio Lower Upper  
184 100  
63 73.0 51.4 77.2  
154 69.5 49.7 74.5





#55  
Dibenzenofuran  
Concen: 50.92 ng  
RT: 10.145 min Scan# 1370  
Delta R.T. -0.000 min  
Lab File: BF122998.D  
Acq: 18 Jan 2021 21:04

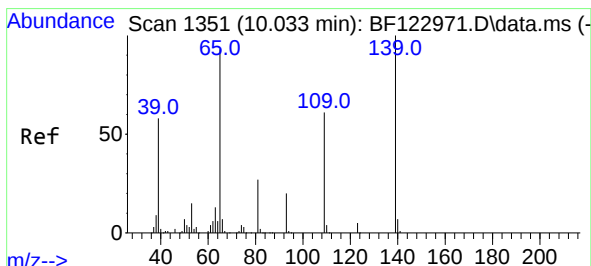
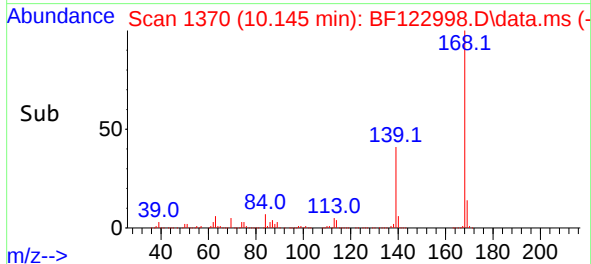
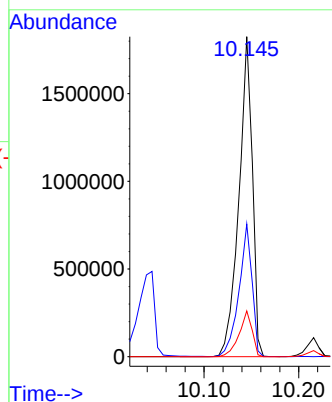
Instrument :  
BNA\_F  
ClientSampleId :  
T872-T871MS



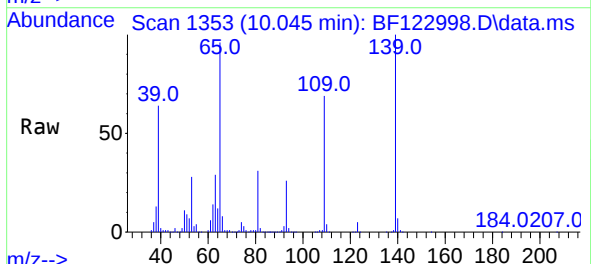
Tgt Ion:168 Resp: 1797293  
Ion Ratio Lower Upper  
168 100  
139 41.5 31.3 46.9  
169 14.3 11.2 16.8

Manual Integrations  
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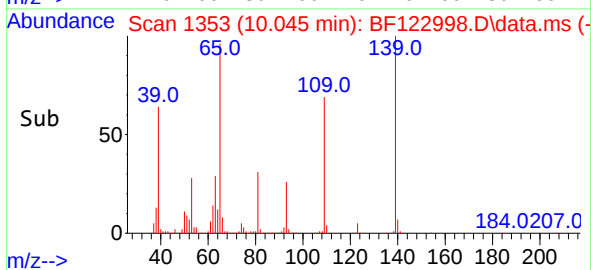
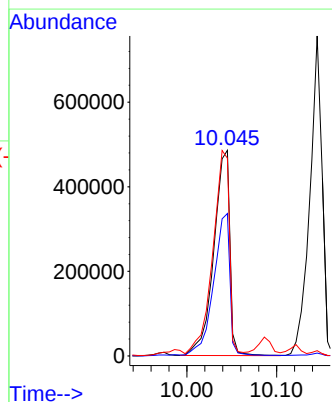
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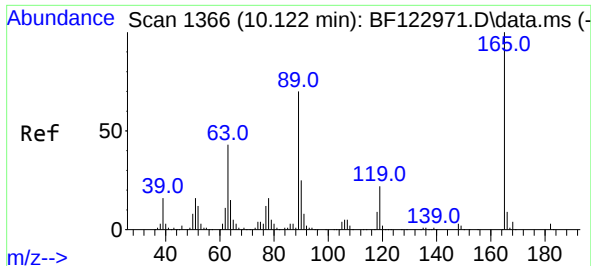


#56  
4-Nitrophenol  
Concen: 98.76 ng  
RT: 10.045 min Scan# 1353  
Delta R.T. 0.012 min  
Lab File: BF122998.D  
Acq: 18 Jan 2021 21:04

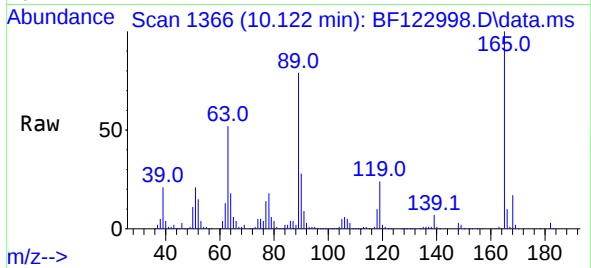


Tgt Ion:139 Resp: 604563  
Ion Ratio Lower Upper  
139 100  
109 69.3 45.1 85.1  
65 96.2 59.2 99.2

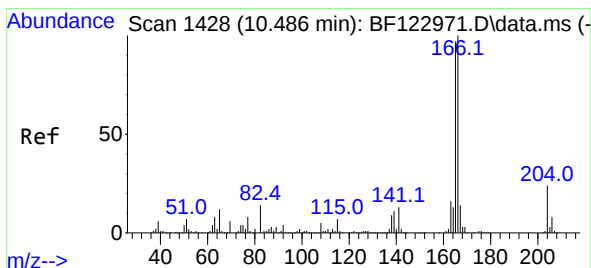
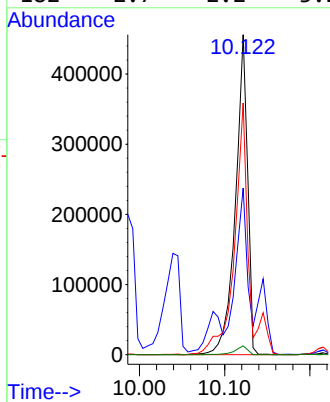
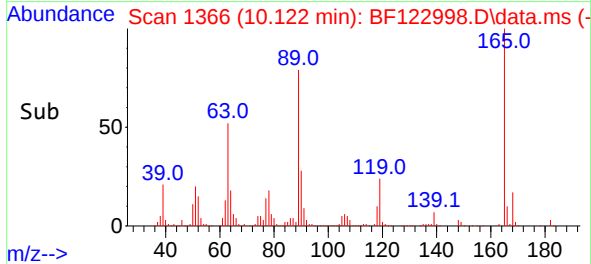




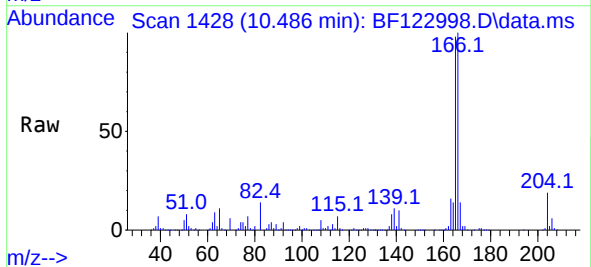
#57  
2,4-Dinitrotoluene  
Concen: 52.43 ng  
RT: 10.122 min Scan# 1366  
Delta R.T. -0.000 min  
Lab File: BF122998.D  
Acq: 18 Jan 2021 21:04



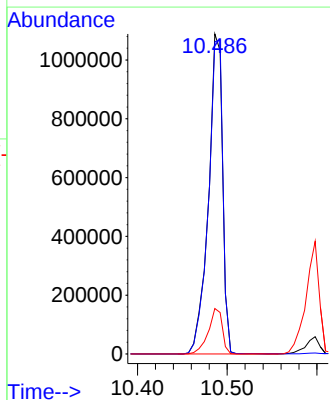
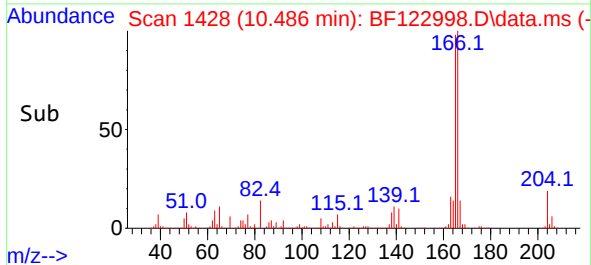
Tgt Ion:165 Resp: 453089  
Ion Ratio Lower Upper  
165 100  
63 52.0 34.3 51.5#  
89 78.7 55.2 82.8  
182 2.7 2.2 3.2



#58  
Fluorene  
Concen: 43.15 ng  
RT: 10.486 min Scan# 1428  
Delta R.T. -0.000 min  
Lab File: BF122998.D  
Acq: 18 Jan 2021 21:04



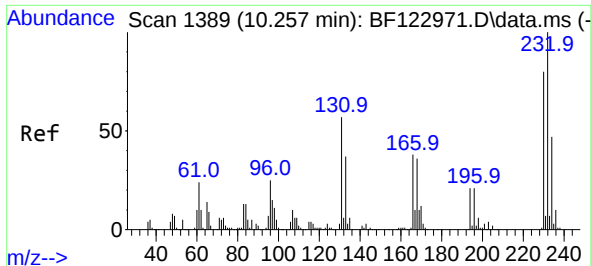
Tgt Ion:166 Resp: 1191300  
Ion Ratio Lower Upper  
166 100  
165 97.6 79.4 119.0  
167 14.2 10.9 16.3



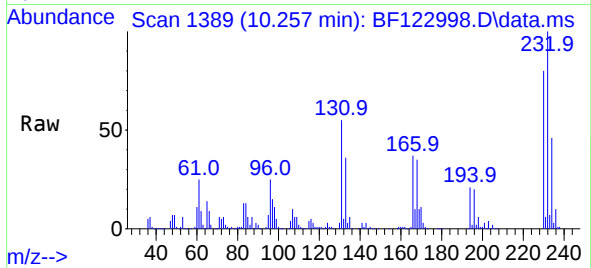
Instrument :  
BNA\_F  
ClientSampleId :  
T872-T871MS

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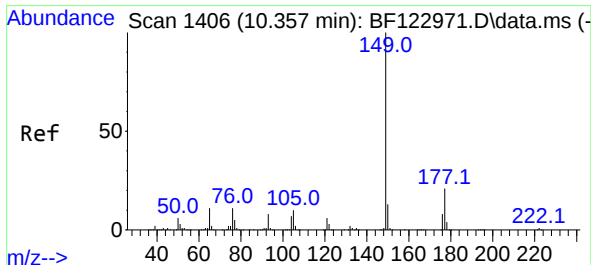
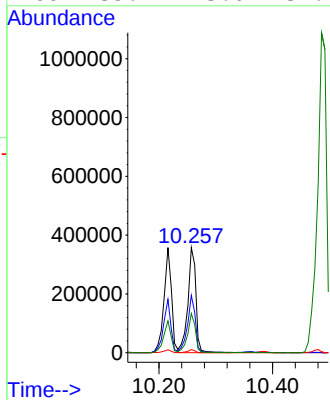
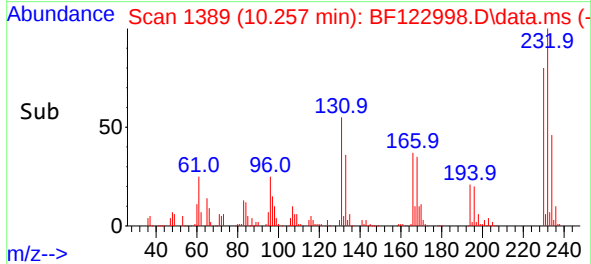
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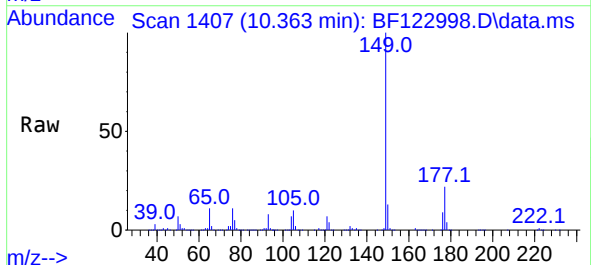
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 53.63 ng  
RT: 10.257 min Scan# 1389  
Delta R.T. -0.000 min  
Lab File: BF122998.D  
Acq: 18 Jan 2021 21:04



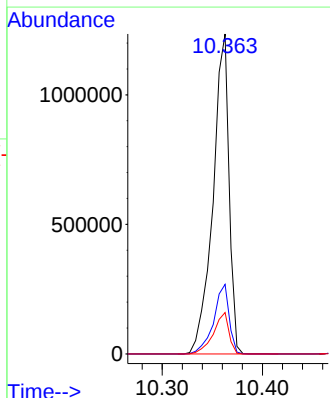
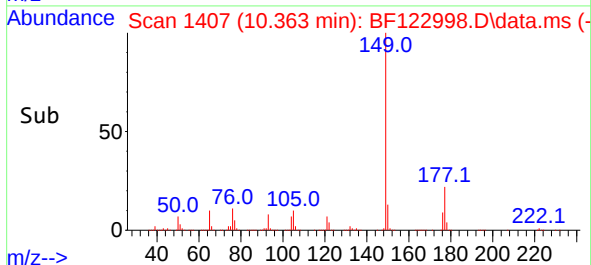
Tgt Ion:232 Resp: 351724  
Ion Ratio Lower Upper  
232 100  
131 52.5 33.0 49.4#  
130 2.6 1.7 2.5#  
166 35.1 23.0 34.4#



#60  
Diethylphthalate  
Concen: 46.05 ng  
RT: 10.363 min Scan# 1407  
Delta R.T. 0.006 min  
Lab File: BF122998.D  
Acq: 18 Jan 2021 21:04



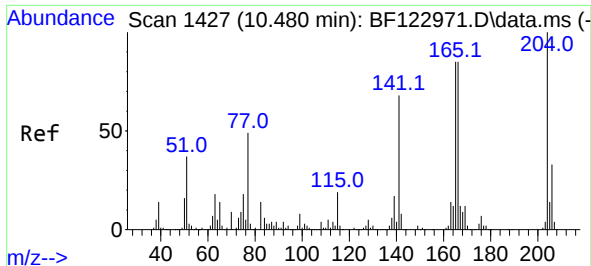
Tgt Ion:149 Resp: 1374824  
Ion Ratio Lower Upper  
149 100  
177 21.7 18.2 27.4  
150 13.0 10.1 15.1



Instrument :  
BNA\_F  
ClientSampleId :  
T872-T871MS

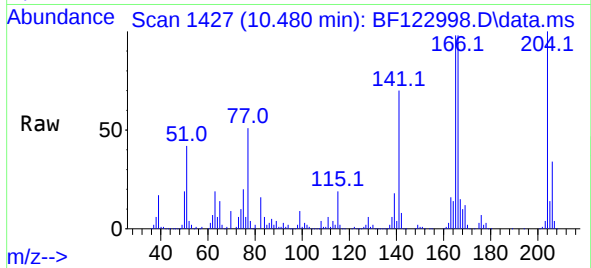
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#61  
4-Chlorophenyl-phenylether  
Concen: 41.05 ng  
RT: 10.480 min Scan# 1427  
Delta R.T. -0.000 min  
Lab File: BF122998.D  
Acq: 18 Jan 2021 21:04

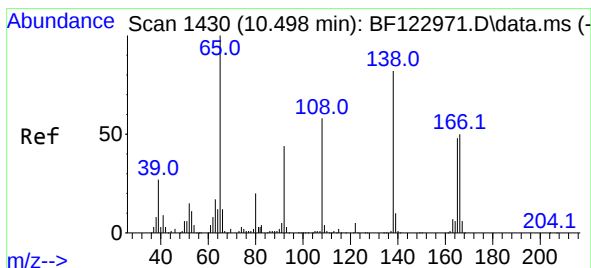
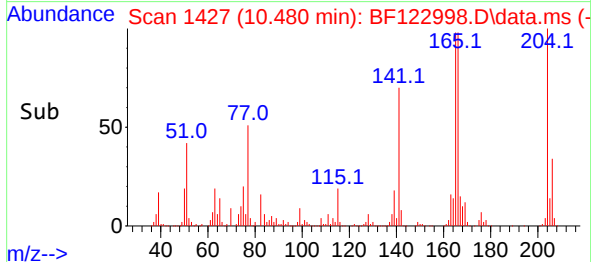
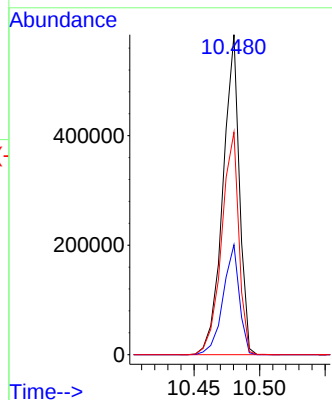
Instrument :  
BNA\_F  
ClientSampleId :  
T872-T871MS



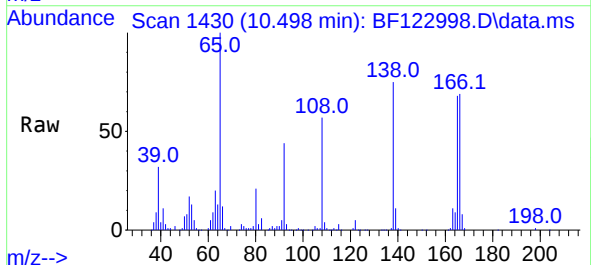
Tgt Ion:204 Resp: 509598  
Ion Ratio Lower Upper  
204 100  
206 34.4 27.0 40.4  
141 69.5 50.4 75.6

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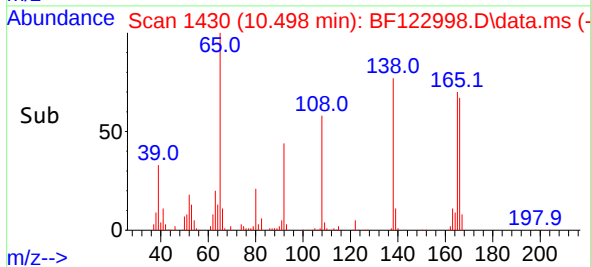
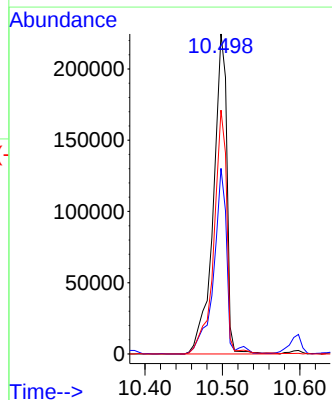
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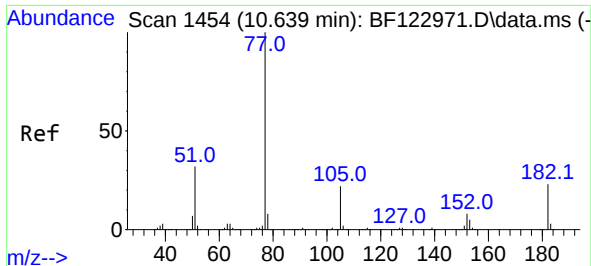


#62  
4-Nitroaniline  
Concen: 33.42 ng  
RT: 10.498 min Scan# 1430  
Delta R.T. -0.000 min  
Lab File: BF122998.D  
Acq: 18 Jan 2021 21:04



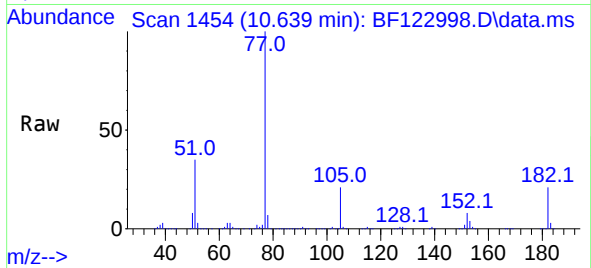
Tgt Ion:138 Resp: 273827  
Ion Ratio Lower Upper  
138 100  
92 58.0 31.0 71.0  
108 76.2 54.8 94.8





#63  
Azobenzene  
Concen: 48.28 ng  
RT: 10.639 min Scan# 1454  
Delta R.T. -0.000 min  
Lab File: BF122998.D  
Acq: 18 Jan 2021 21:04

Instrument :  
BNA\_F  
ClientSampleId :  
T872-T871MS

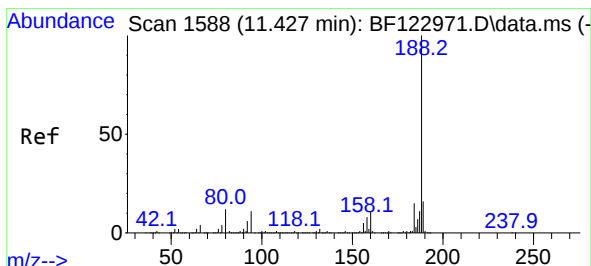
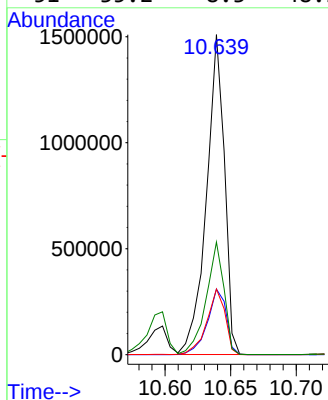
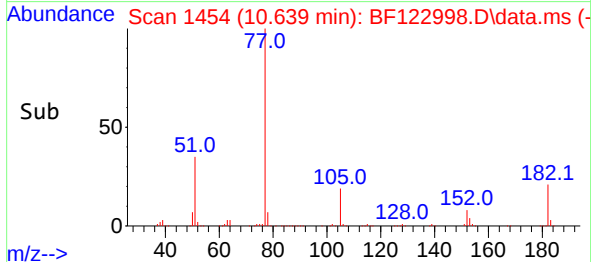


Tgt Ion: 77 Resp: 1442242

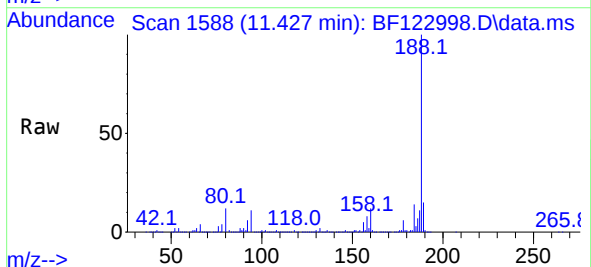
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 20.5  | 5.6   | 45.6  |
| 105 | 20.5  | 1.8   | 41.8  |
| 51  | 35.2  | 8.3   | 48.3  |

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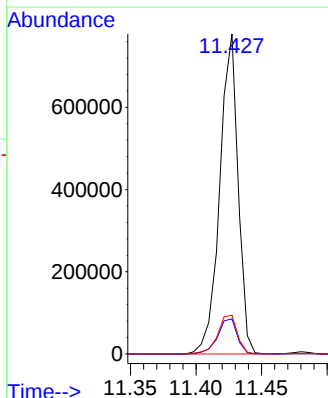
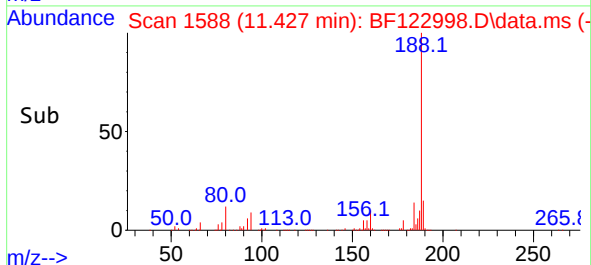


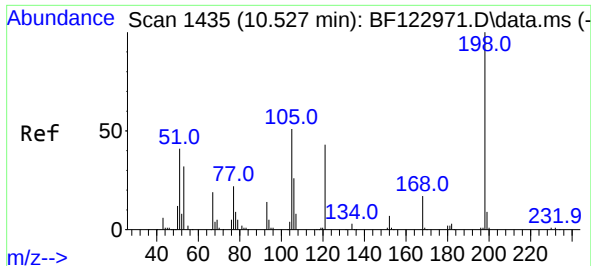
#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.427 min Scan# 1588  
Delta R.T. -0.000 min  
Lab File: BF122998.D  
Acq: 18 Jan 2021 21:04



Tgt Ion: 188 Resp: 756309

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 11.0  | 7.4   | 11.2  |
| 80  | 12.1  | 8.2   | 12.4  |





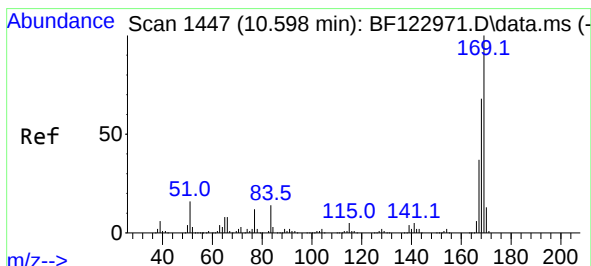
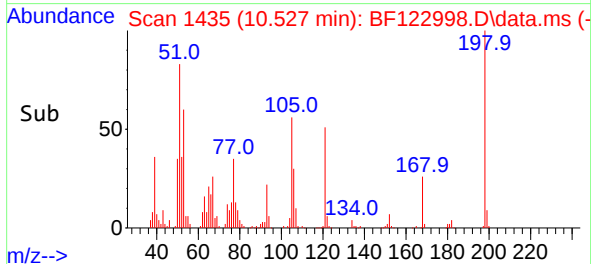
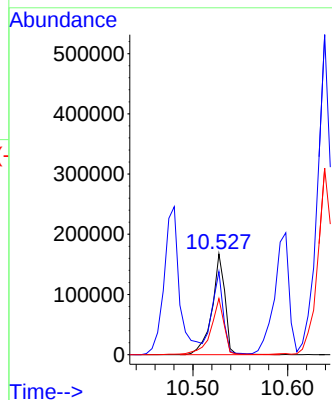
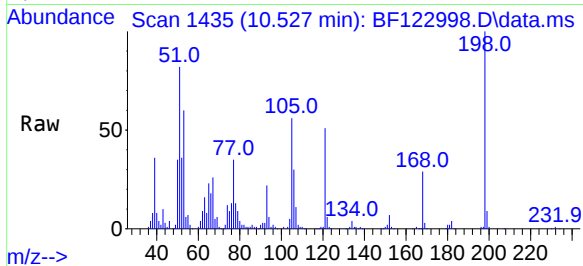
#65  
4,6-Dinitro-2-methylphenol  
Concen: 37.07 ng  
RT: 10.527 min Scan# 1435  
Delta R.T. 0.000 min  
Lab File: BF122998.D  
Acq: 18 Jan 2021 21:04

Tgt Ion:198 Resp: 157908  
Ion Ratio Lower Upper  
198 100  
51 82.4 20.3 60.3#  
105 55.7 23.0 63.0

Instrument :  
BNA\_F  
ClientSampleId :  
T872-T871MS

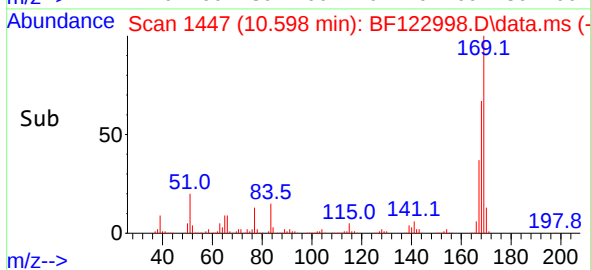
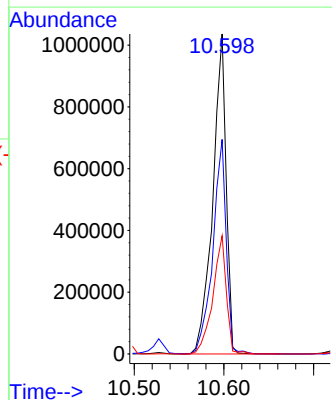
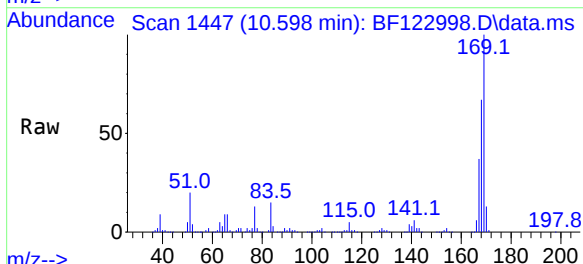
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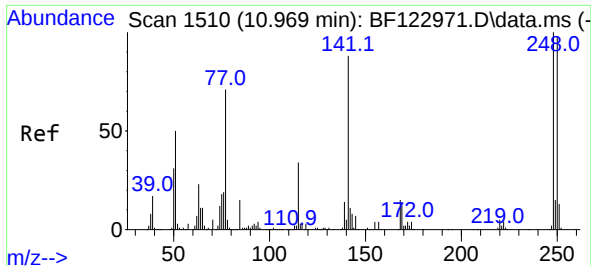
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#66  
n-Nitrosodiphenylamine  
Concen: 38.02 ng  
RT: 10.598 min Scan# 1447  
Delta R.T. -0.000 min  
Lab File: BF122998.D  
Acq: 18 Jan 2021 21:04

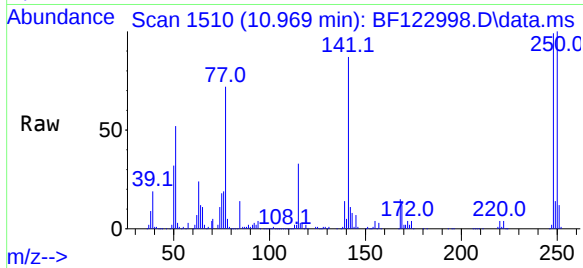
Tgt Ion:169 Resp: 1073448  
Ion Ratio Lower Upper  
169 100  
168 67.1 54.2 81.2  
167 37.0 29.2 43.8





#67  
4-Bromophenyl-phenylether  
Concen: 38.55 ng  
RT: 10.969 min Scan# 1510  
Delta R.T. -0.000 min  
Lab File: BF122998.D  
Acq: 18 Jan 2021 21:04

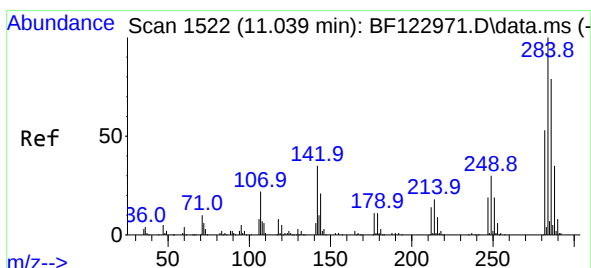
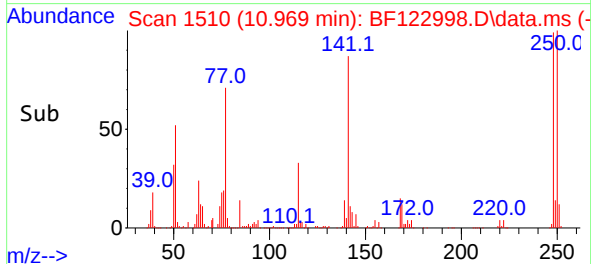
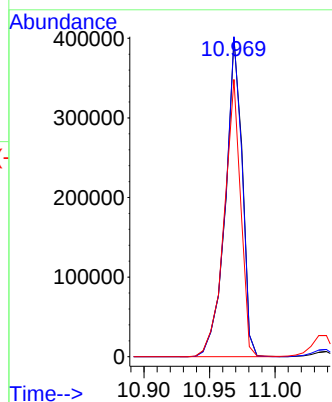
Instrument :  
BNA\_F  
ClientSampleId :  
T872-T871MS



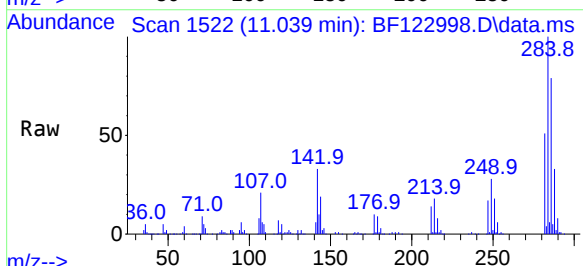
Tgt Ion:248 Resp: 356495  
Ion Ratio Lower Upper  
248 100  
250 100.7 76.8 115.2  
141 87.2 59.8 89.8

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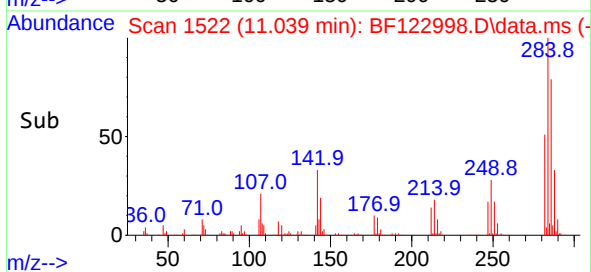
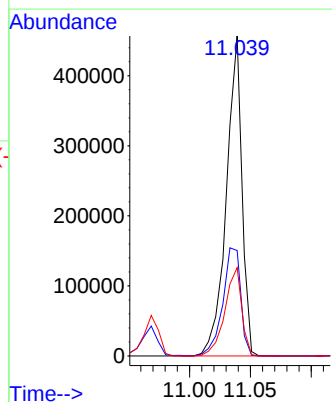
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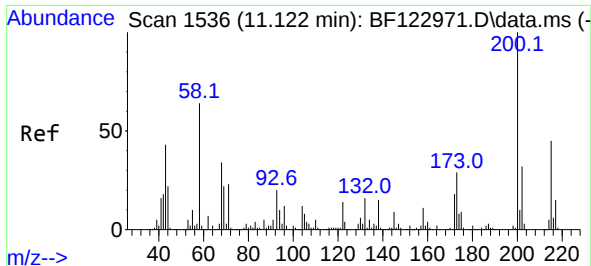


#68  
Hexachlorobenzene  
Concen: 38.58 ng  
RT: 11.039 min Scan# 1522  
Delta R.T. -0.000 min  
Lab File: BF122998.D  
Acq: 18 Jan 2021 21:04



Tgt Ion:284 Resp: 407894  
Ion Ratio Lower Upper  
284 100  
142 33.0 25.6 38.4  
249 27.6 25.1 37.7





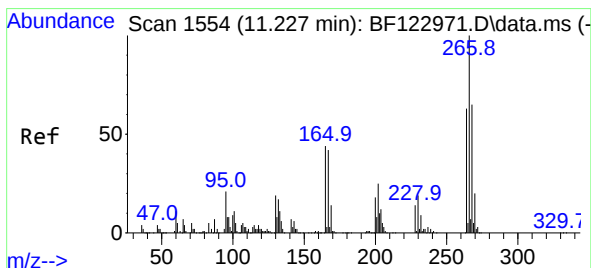
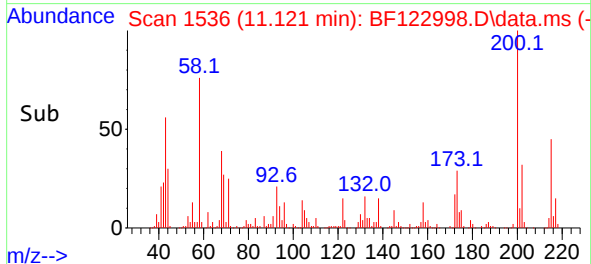
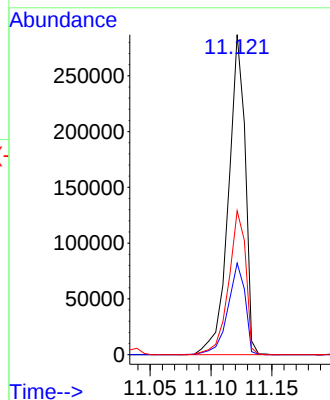
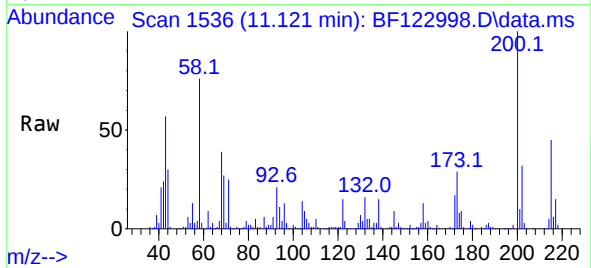
#69  
Atrazine  
Concen: 36.31 ng  
RT: 11.121 min Scan# 1536  
Delta R.T. -0.000 min  
Lab File: BF122998.D  
Acq: 18 Jan 2021 21:04

Tgt Ion:200 Resp: 272974  
Ion Ratio Lower Upper  
200 100  
173 28.6 6.6 46.6  
215 44.9 28.1 68.1

Instrument :  
BNA\_F  
ClientSampleId :  
T872-T871MS

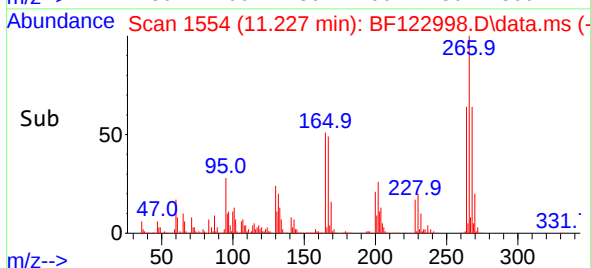
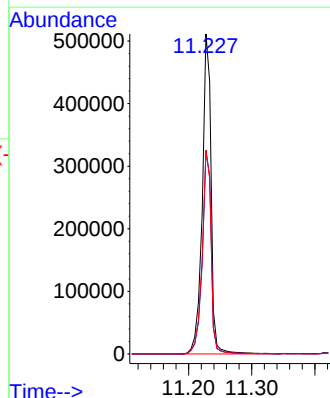
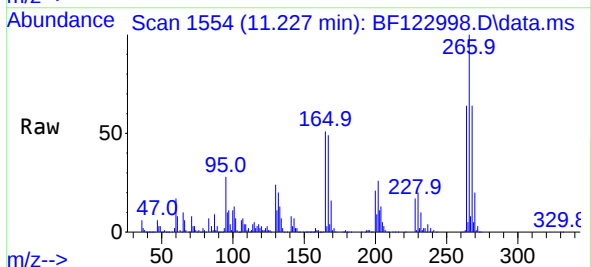
Manual Integrations  
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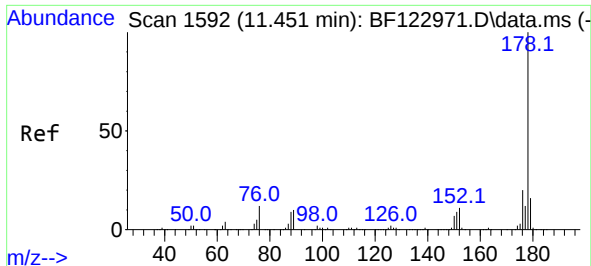
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#70  
Pentachlorophenol  
Concen: 89.29 ng  
RT: 11.227 min Scan# 1554  
Delta R.T. -0.000 min  
Lab File: BF122998.D  
Acq: 18 Jan 2021 21:04

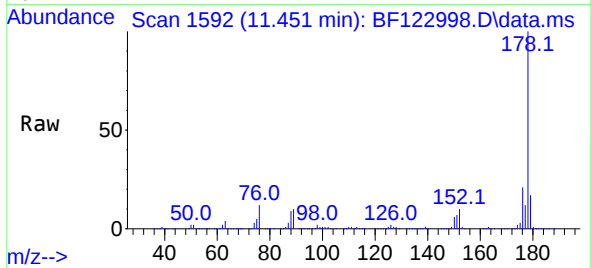
Tgt Ion:266 Resp: 496562  
Ion Ratio Lower Upper  
266 100  
268 63.6 50.5 75.7  
264 63.7 49.8 74.8





#71  
Phenanthrene  
Concen: 44.36 ng  
RT: 11.451 min Scan# 1592  
Delta R.T. -0.000 min  
Lab File: BF122998.D  
Acq: 18 Jan 2021 21:04

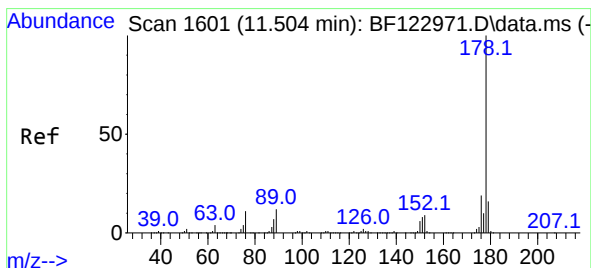
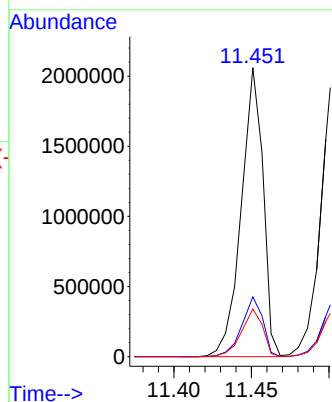
Instrument :  
BNA\_F  
ClientSampleId :  
T872-T871MS



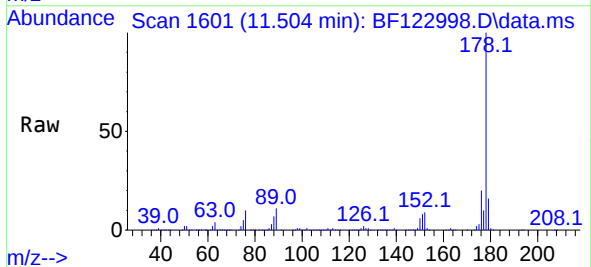
Tgt Ion:178 Resp: 2010403  
Ion Ratio Lower Upper  
178 100  
176 20.7 16.2 24.2  
179 16.5 12.7 19.1

Manual Integrations  
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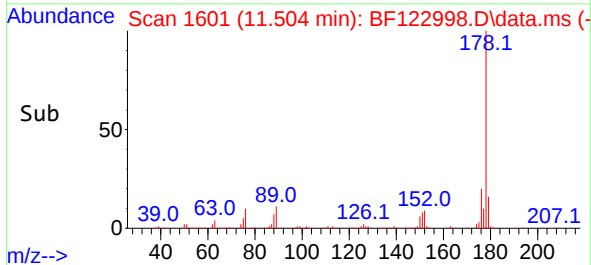
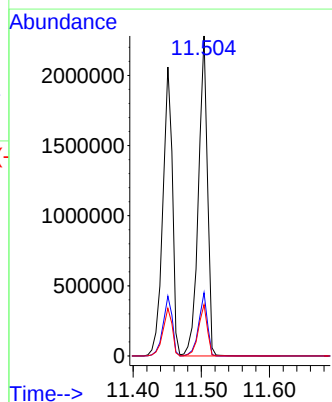
mohammad  
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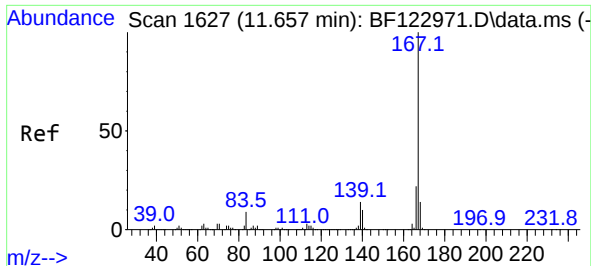


#72  
Anthracene  
Concen: 46.69 ng  
RT: 11.504 min Scan# 1601  
Delta R.T. -0.000 min  
Lab File: BF122998.D  
Acq: 18 Jan 2021 21:04



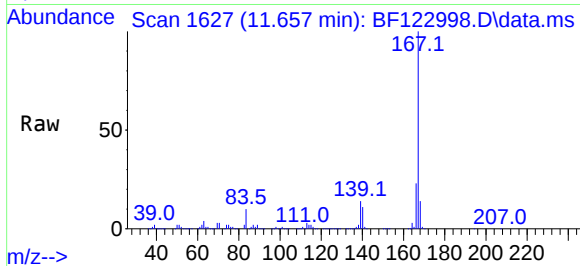
Tgt Ion:178 Resp: 2091361  
Ion Ratio Lower Upper  
178 100  
176 19.7 15.6 23.4  
179 16.1 12.8 19.2





#73  
 Carbazole  
 Concen: 45.51 ng  
 RT: 11.657 min Scan# 1627  
 Delta R.T. -0.000 min  
 Lab File: BF122998.D  
 Acq: 18 Jan 2021 21:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 T872-T871MS

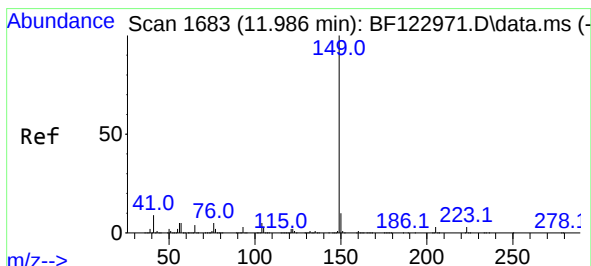
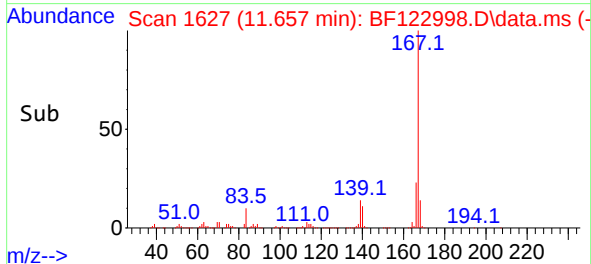
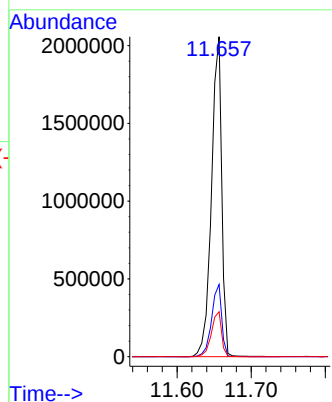


Tgt Ion:167 Resp: 1976116

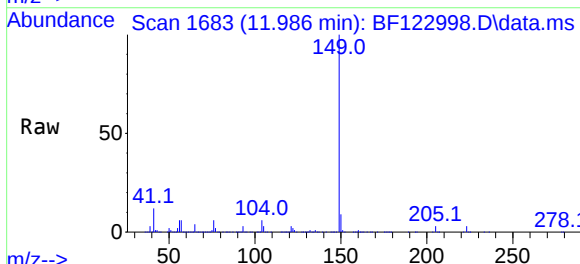
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 22.5  | 18.0  | 27.0  |
| 139 | 14.0  | 10.9  | 16.3  |

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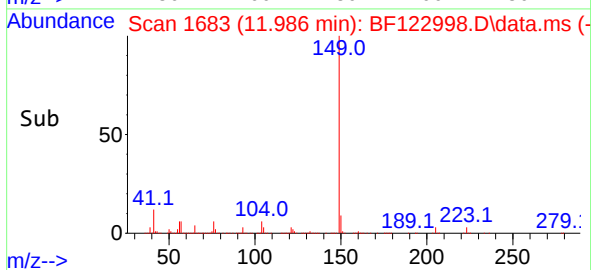
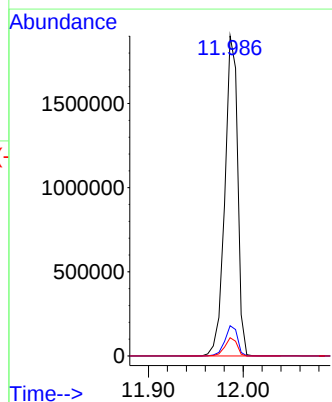


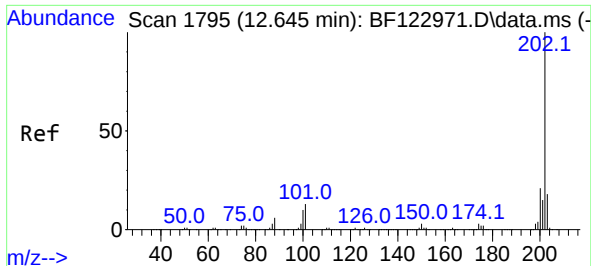
#74  
 Di-n-butylphthalate  
 Concen: 34.85 ng  
 RT: 11.986 min Scan# 1683  
 Delta R.T. -0.000 min  
 Lab File: BF122998.D  
 Acq: 18 Jan 2021 21:04



Tgt Ion:149 Resp: 1790839

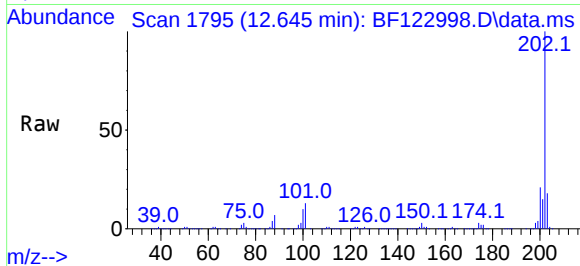
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.4   | 7.8   | 11.6  |
| 104 | 5.7   | 4.2   | 6.4   |





#75  
Fluoranthene  
Concen: 34.98 ng  
RT: 12.645 min Scan# 1795  
Delta R.T. -0.000 min  
Lab File: BF122998.D  
Acq: 18 Jan 2021 21:04

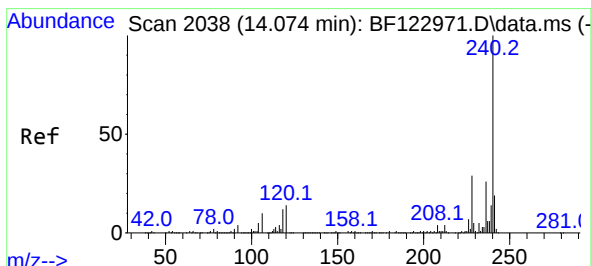
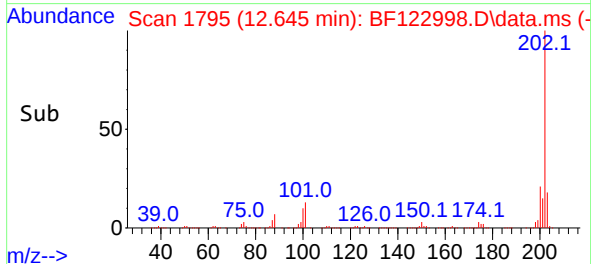
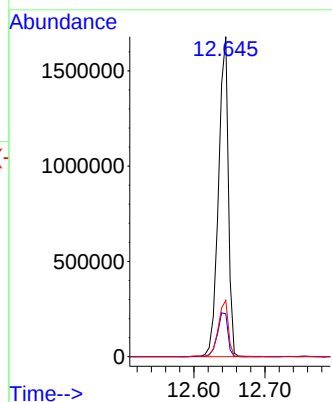
Instrument :  
BNA\_F  
ClientSampleId :  
T872-T871MS



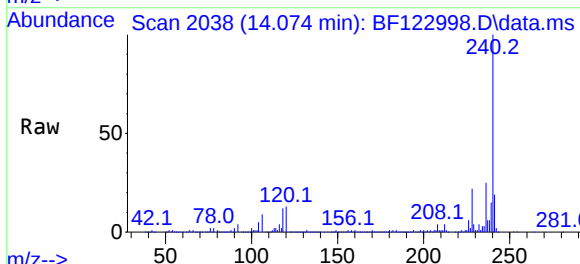
Tgt Ion:202 Resp: 1603983  
Ion Ratio Lower Upper  
202 100  
101 13.4 0.0 32.2  
203 17.6 0.0 38.1

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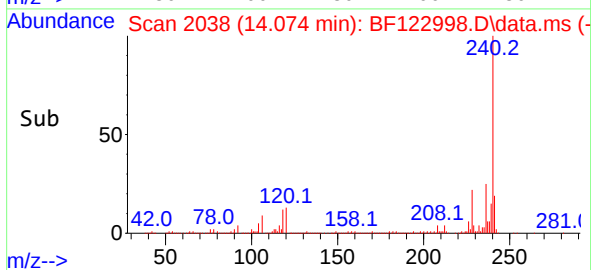
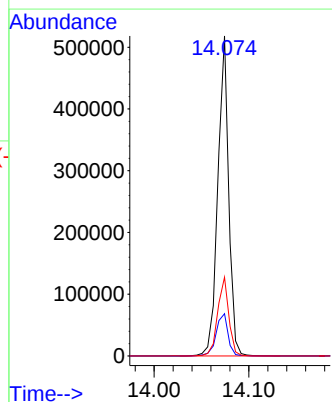
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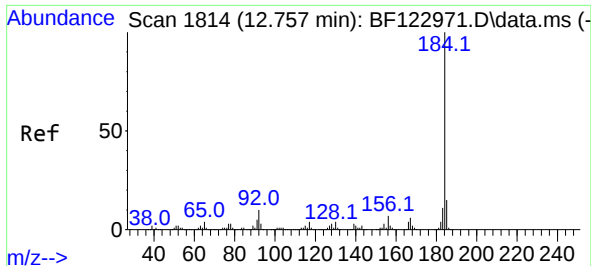


#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 14.074 min Scan# 2038  
Delta R.T. -0.000 min  
Lab File: BF122998.D  
Acq: 18 Jan 2021 21:04



Tgt Ion:240 Resp: 411804  
Ion Ratio Lower Upper  
240 100  
120 13.2 8.6 12.8#  
236 24.6 20.3 30.5





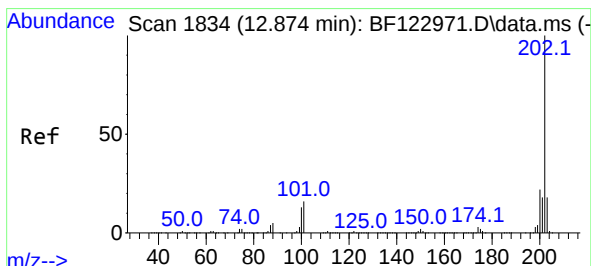
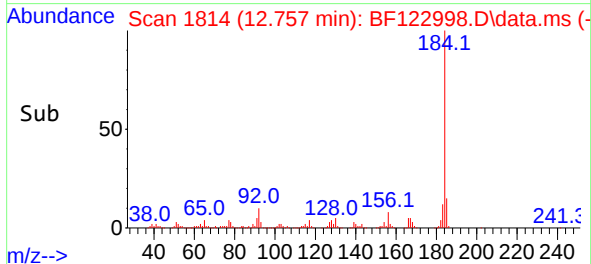
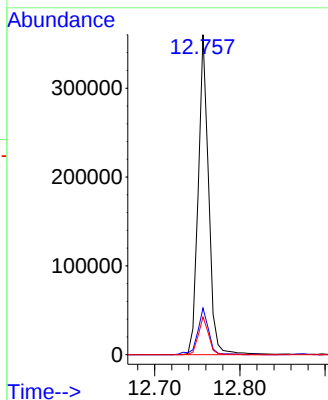
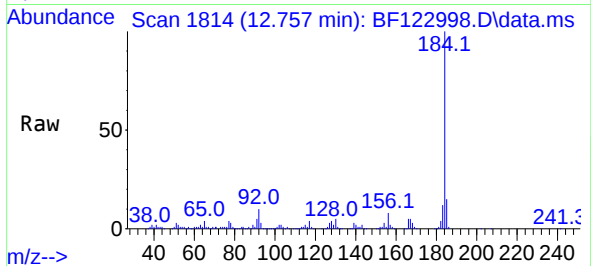
#77  
Benzidine  
Concen: 27.93 ng  
RT: 12.757 min Scan# 1814  
Delta R.T. -0.000 min  
Lab File: BF122998.D  
Acq: 18 Jan 2021 21:04

Tgt Ion:184 Resp: 304570  
Ion Ratio Lower Upper  
184 100  
185 14.5 11.8 17.6  
183 11.8 9.7 14.5

Instrument :  
BNA\_F  
ClientSampleId :  
T872-T871MS

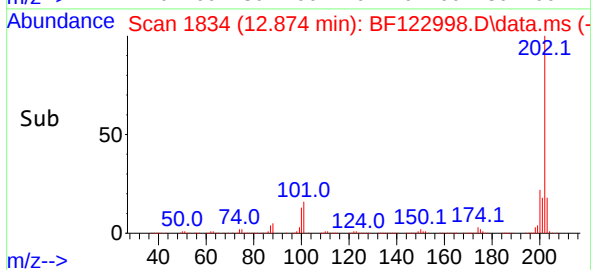
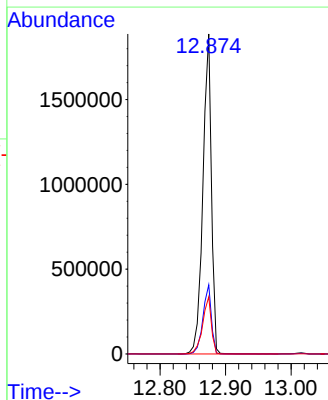
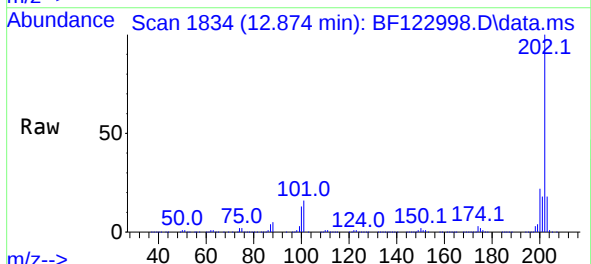
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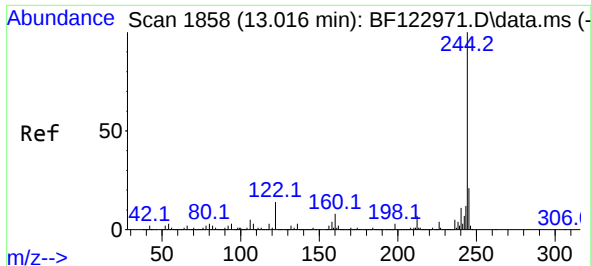
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#78  
Pyrene  
Concen: 51.74 ng  
RT: 12.874 min Scan# 1834  
Delta R.T. -0.000 min  
Lab File: BF122998.D  
Acq: 18 Jan 2021 21:04

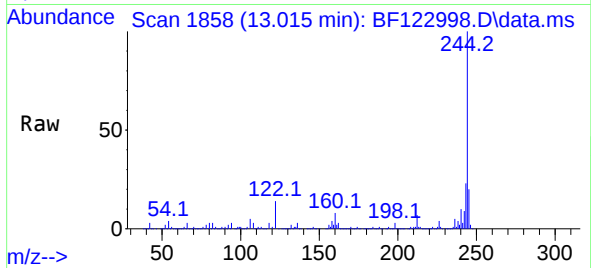
Tgt Ion:202 Resp: 1706009  
Ion Ratio Lower Upper  
202 100  
200 21.6 17.6 26.4  
203 17.8 14.6 21.8





#79  
 Terphenyl-d14  
 Concen: 74.46 ng  
 RT: 13.015 min Scan# 1858  
 Delta R.T. -0.001 min  
 Lab File: BF122998.D  
 Acq: 18 Jan 2021 21:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 T872-T871MS

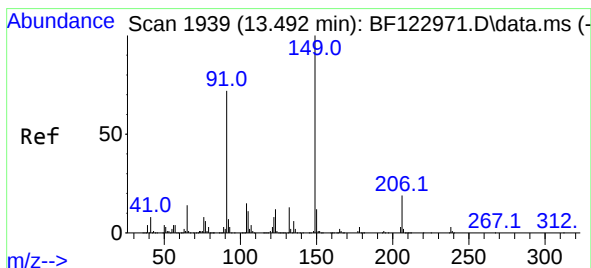
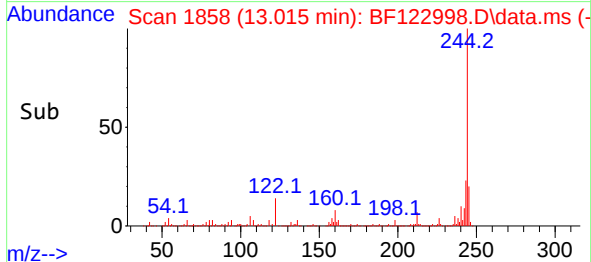
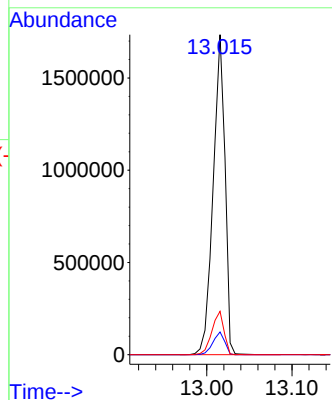


Tgt Ion:244 Resp: 1672291  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 7.1   | 5.7   | 8.5   |
| 122 | 13.6  | 8.3   | 12.5# |

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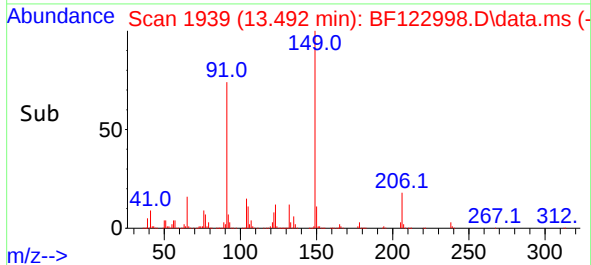
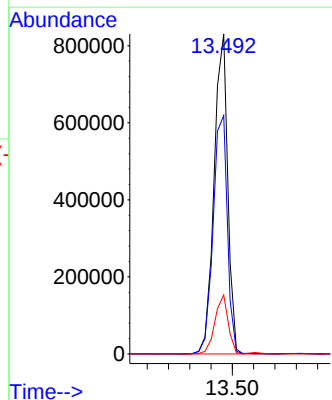
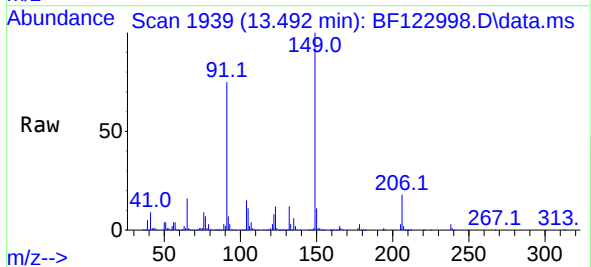
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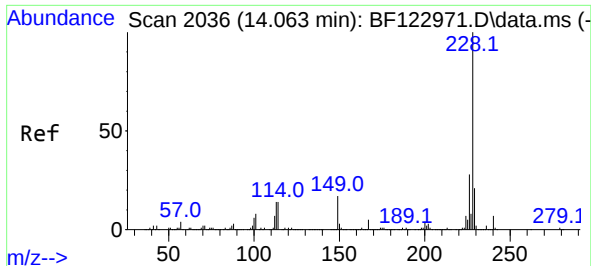


#80  
 Butylbenzylphthalate  
 Concen: 49.91 ng  
 RT: 13.492 min Scan# 1939  
 Delta R.T. -0.000 min  
 Lab File: BF122998.D  
 Acq: 18 Jan 2021 21:04

Tgt Ion:149 Resp: 737570  

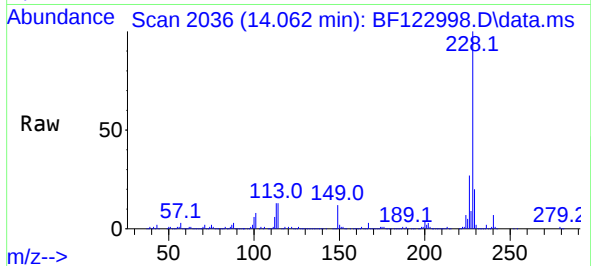
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 91  | 74.5  | 56.5  | 84.7  |
| 206 | 18.5  | 17.0  | 25.6  |





#81  
Benzo(a)anthracene  
Concen: 44.56 ng  
RT: 14.062 min Scan# 2036  
Delta R.T. -0.000 min  
Lab File: BF122998.D  
Acq: 18 Jan 2021 21:04

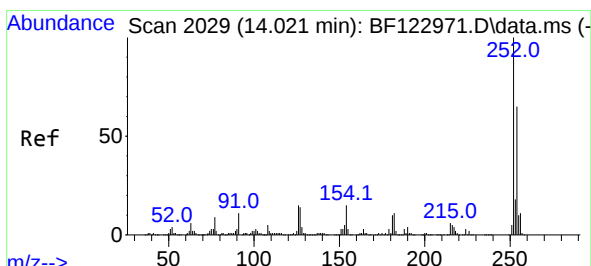
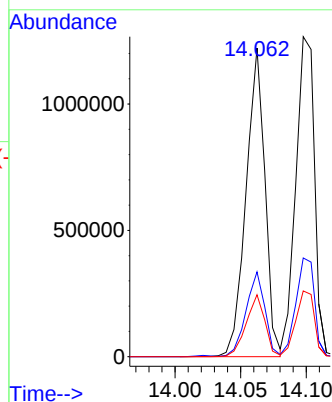
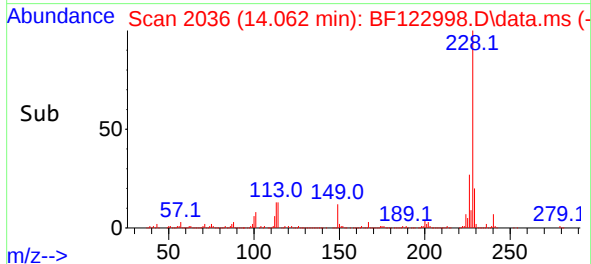
Instrument :  
BNA\_F  
ClientSampleId :  
T872-T871MS



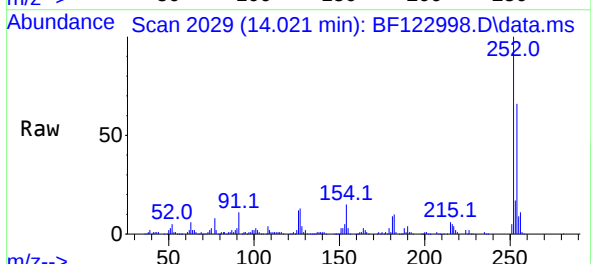
Tgt Ion:228 Resp: 1228195  
Ion Ratio Lower Upper  
228 100  
226 27.5 23.0 34.4  
229 20.1 16.6 24.8

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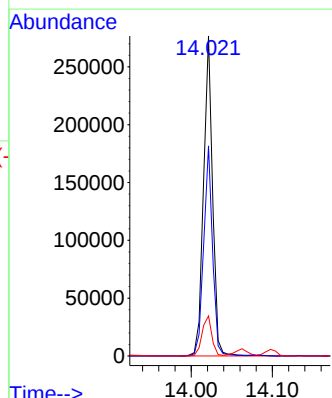
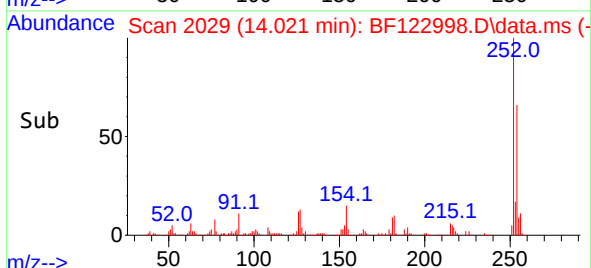
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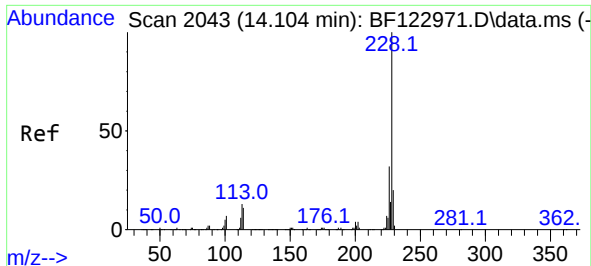


#82  
3,3'-Dichlorobenzidine  
Concen: 23.78 ng  
RT: 14.021 min Scan# 2029  
Delta R.T. -0.000 min  
Lab File: BF122998.D  
Acq: 18 Jan 2021 21:04



Tgt Ion:252 Resp: 214522  
Ion Ratio Lower Upper  
252 100  
254 65.6 52.7 79.1  
126 12.5 8.0 12.0#





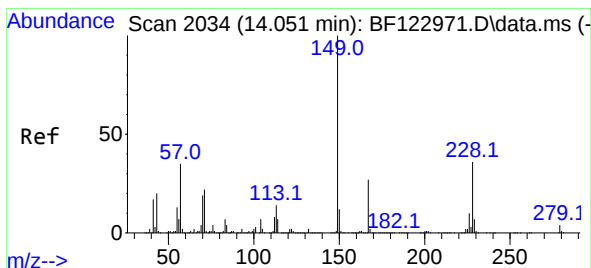
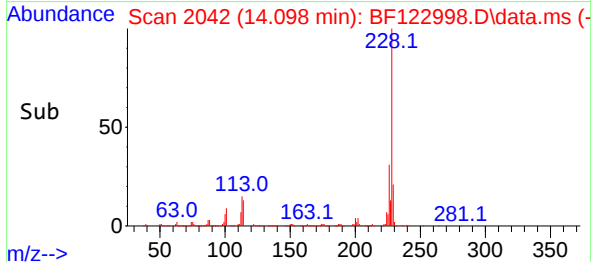
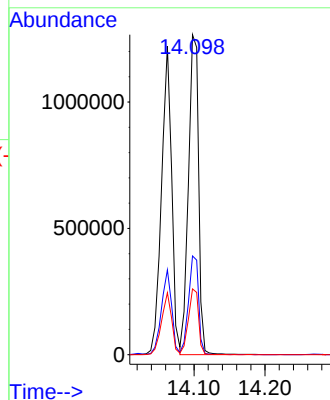
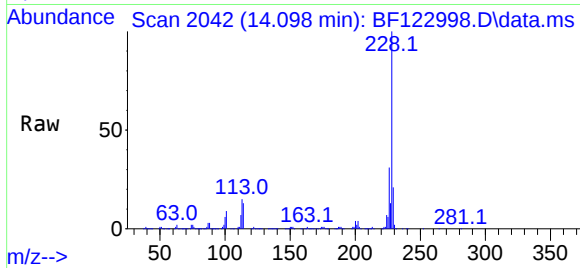
#83  
Chrysene  
Concen: 45.39 ng  
RT: 14.098 min Scan# 2042  
Delta R.T. -0.006 min  
Lab File: BF122998.D  
Acq: 18 Jan 2021 21:04

Tgt Ion:228 Resp: 1261740  
Ion Ratio Lower Upper  
228 100  
226 30.8 24.6 36.8  
229 20.5 15.8 23.6

Instrument :  
BNA\_F  
ClientSampleId :  
T872-T871MS

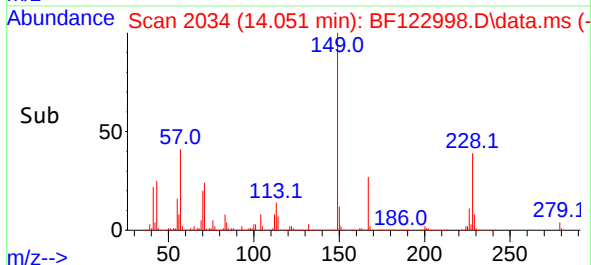
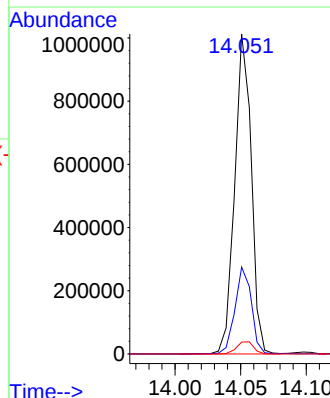
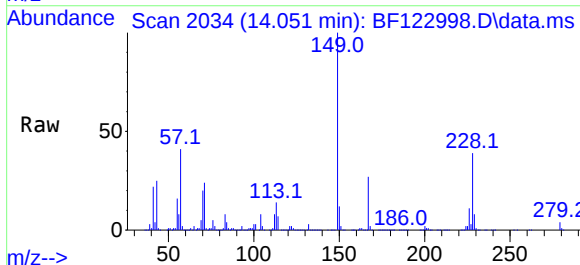
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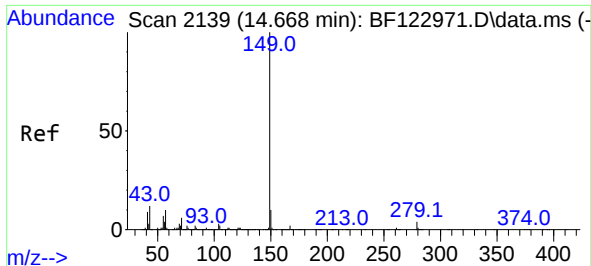
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#84  
Bis(2-ethylhexyl)phthalate  
Concen: 45.29 ng  
RT: 14.051 min Scan# 2034  
Delta R.T. -0.000 min  
Lab File: BF122998.D  
Acq: 18 Jan 2021 21:04

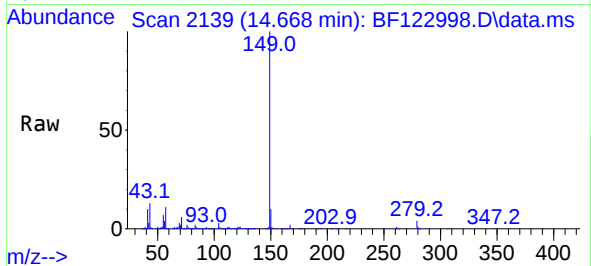
Tgt Ion:149 Resp: 892288  
Ion Ratio Lower Upper  
149 100  
167 27.2 21.4 32.2  
279 3.7 3.4 5.0





#85  
Di-n-octyl phthalate  
Concen: 51.57 ng  
RT: 14.668 min Scan# 2139  
Delta R.T. -0.000 min  
Lab File: BF122998.D  
Acq: 18 Jan 2021 21:04

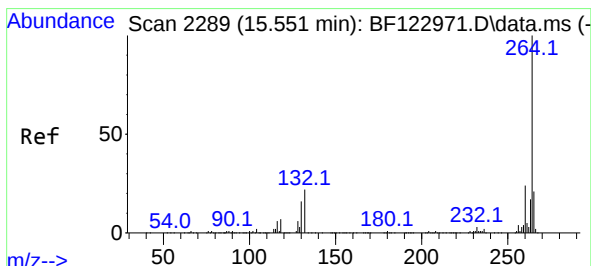
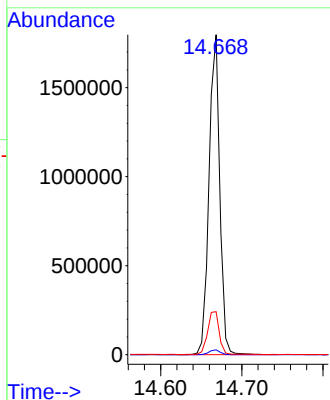
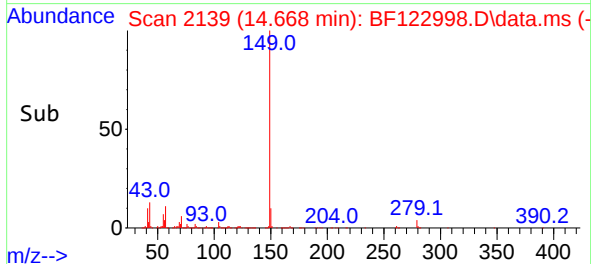
Instrument :  
BNA\_F  
ClientSampleId :  
T872-T871MS



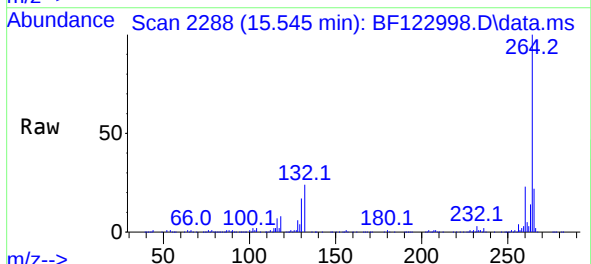
Tgt Ion:149 Resp: 1643510  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 14.5 7.6 11.4#

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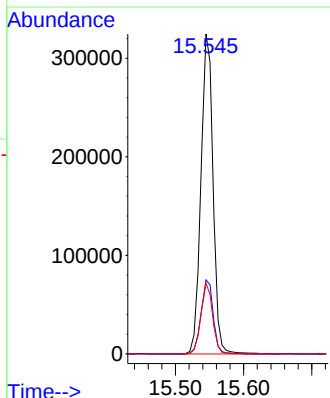
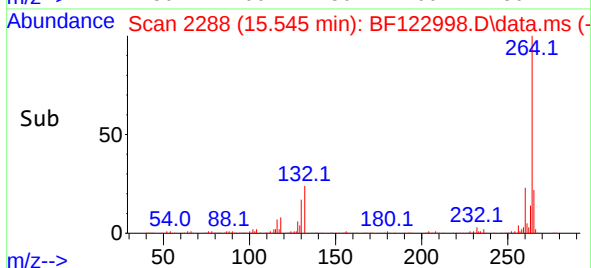
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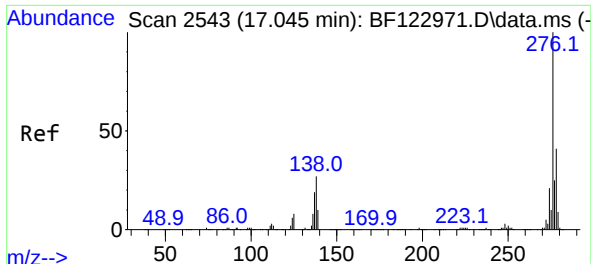


#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.545 min Scan# 2288  
Delta R.T. -0.006 min  
Lab File: BF122998.D  
Acq: 18 Jan 2021 21:04

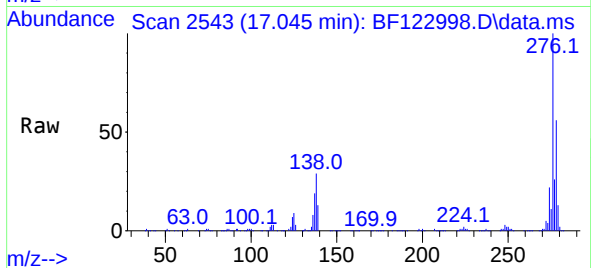


Tgt Ion:264 Resp: 401710  
Ion Ratio Lower Upper  
264 100  
260 23.2 18.6 28.0  
265 22.0 17.0 25.6

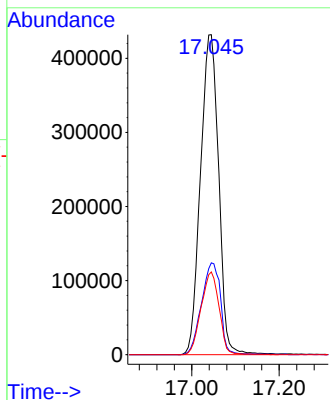
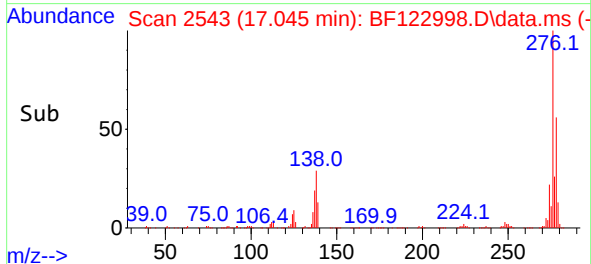




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 49.37 ng  
RT: 17.045 min Scan# 2543  
Delta R.T. -0.000 min  
Lab File: BF122998.D  
Acq: 18 Jan 2021 21:04



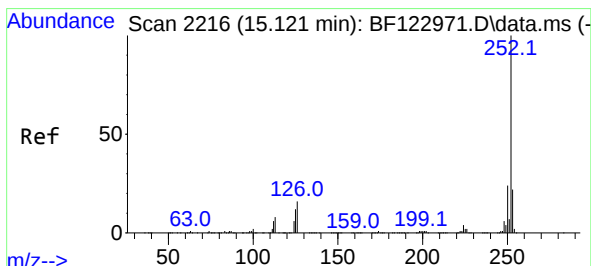
Tgt Ion:276 Resp: 1249377  
Ion Ratio Lower Upper  
276 100  
138 30.2 18.7 28.1#  
277 25.7 20.2 30.4



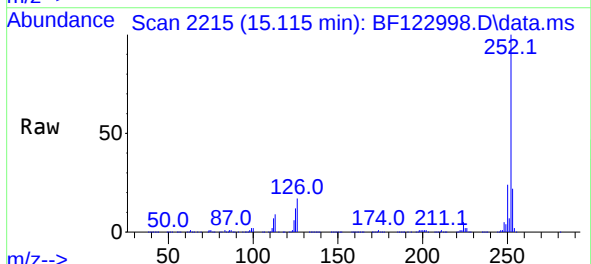
Instrument :  
BNA\_F  
ClientSampleId :  
T872-T871MS

Manual Integrations  
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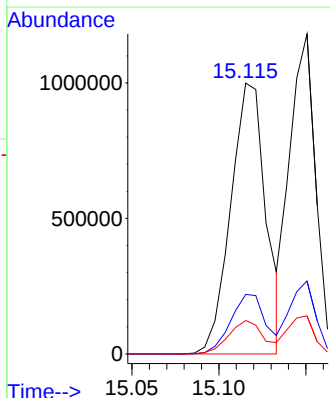
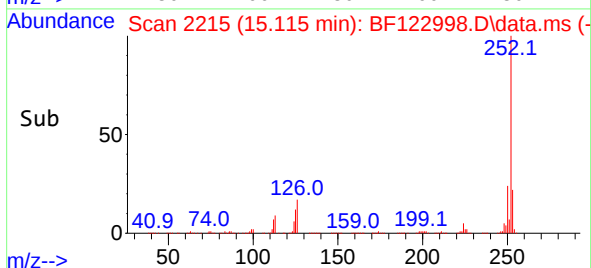
mohammad  
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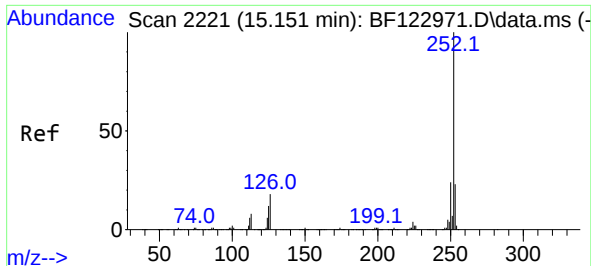


#88  
Benzo(b)fluoranthene  
Concen: 51.99 ng m  
RT: 15.115 min Scan# 2215  
Delta R.T. -0.006 min  
Lab File: BF122998.D  
Acq: 18 Jan 2021 21:04



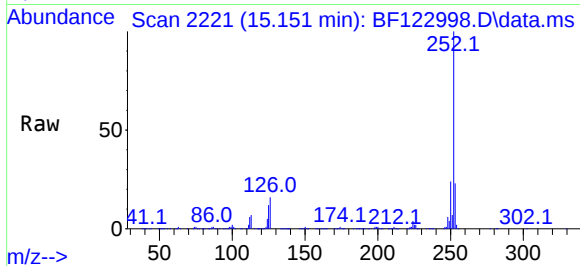
Tgt Ion:252 Resp: 1409514  
Ion Ratio Lower Upper  
252 100  
253 22.0 18.3 27.5  
125 12.3 8.1 12.1#





#89  
Benzo(k)fluoranthene  
Concen: 44.64 ng  
RT: 15.151 min Scan# 2221  
Delta R.T. -0.000 min  
Lab File: BF122998.D  
Acq: 18 Jan 2021 21:04

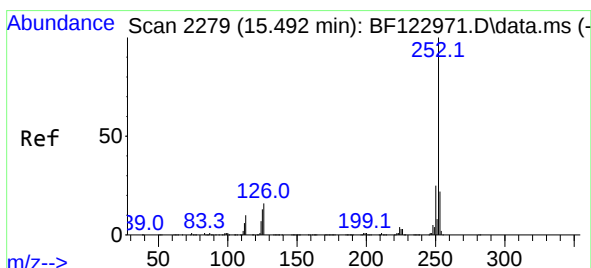
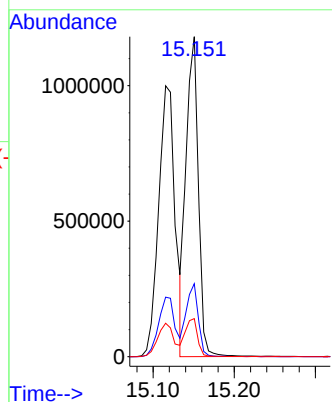
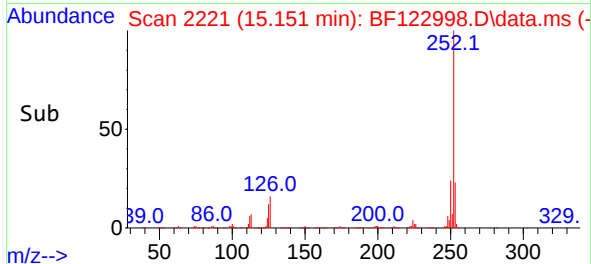
Instrument :  
BNA\_F  
ClientSampleId :  
T872-T871MS



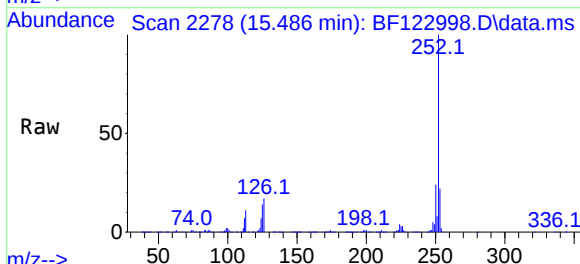
Tgt Ion:252 Resp: 1240785  
Ion Ratio Lower Upper  
252 100  
253 22.8 17.8 26.8  
125 11.9 8.4 12.6

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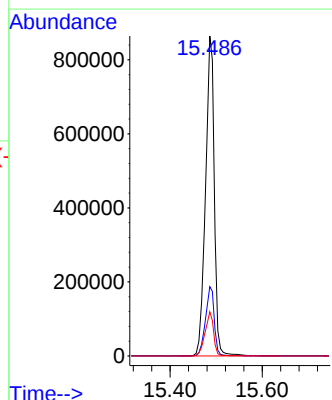
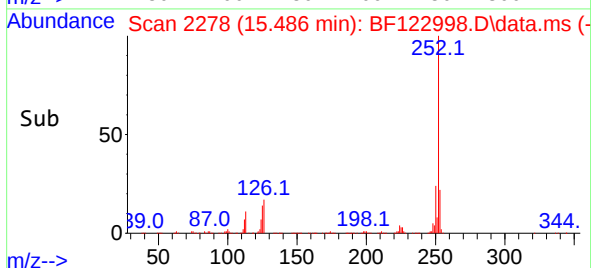
mohammad  
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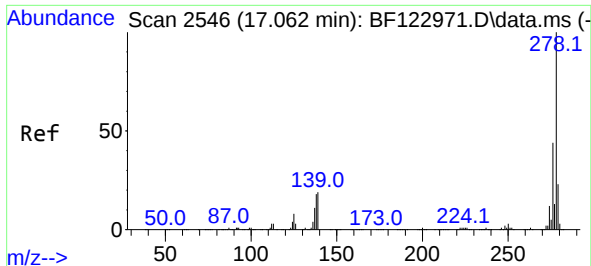


#90  
Benzo(a)pyrene  
Concen: 47.16 ng  
RT: 15.486 min Scan# 2278  
Delta R.T. -0.006 min  
Lab File: BF122998.D  
Acq: 18 Jan 2021 21:04



Tgt Ion:252 Resp: 1155071  
Ion Ratio Lower Upper  
252 100  
253 21.6 17.5 26.3  
125 13.8 8.6 12.8#





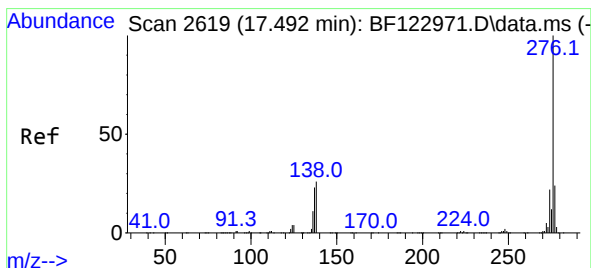
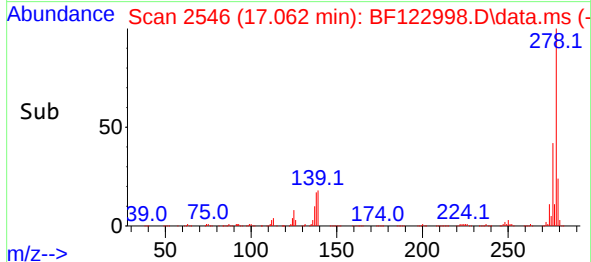
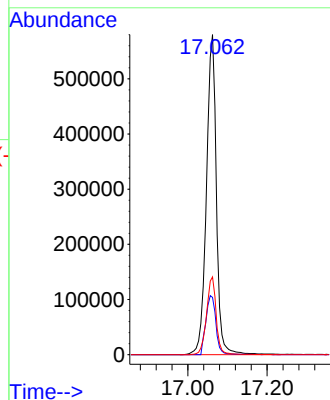
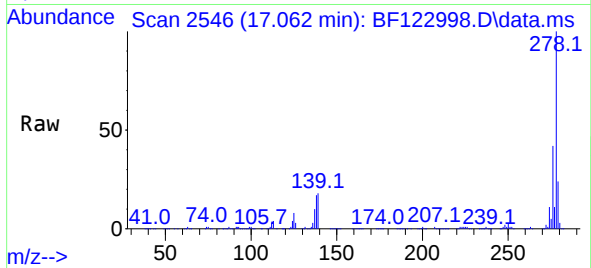
#91  
Dibenzo(a,h)anthracene  
Concen: 49.04 ng  
RT: 17.062 min Scan# 2546  
Delta R.T. -0.000 min  
Lab File: BF122998.D  
Acq: 18 Jan 2021 21:04

Tgt Ion:278 Resp: 1016849  
Ion Ratio Lower Upper  
278 100  
139 17.9 12.0 18.0  
279 24.3 19.4 29.2

Instrument :  
BNA\_F  
ClientSampleId :  
T872-T871MS

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#92  
Benzo(g,h,i)perylene  
Concen: 53.33 ng  
RT: 17.498 min Scan# 2620  
Delta R.T. 0.006 min  
Lab File: BF122998.D  
Acq: 18 Jan 2021 21:04

Tgt Ion:276 Resp: 1070309  
Ion Ratio Lower Upper  
276 100  
277 24.1 19.3 28.9  
138 25.2 16.6 24.8#

