

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102120\  
 Data File : BF122045.D  
 Acq On : 21 Oct 2020 9:47  
 Operator : JU/CG  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

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 10/22/2020 12:58:52 PM

Quant Time: Oct 21 11:19:33 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF101220.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 21 11:18:33 2020  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.728  | 152  | 131730   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.010  | 136  | 499011   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.763  | 164  | 264869   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.245 | 188  | 492724   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12              | 13.886 | 240  | 374360   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12              | 15.316 | 264  | 312910   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 5) 2-Fluorophenol             | 5.346  | 112  | 683145   | 76.54 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.381  | 99   | 863714   | 75.17 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.304  | 82   | 764684   | 78.59 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.557 | 330  | 273761   | 83.55 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.086  | 172  | 1356458  | 75.35 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.833 | 244  | 1561948  | 79.51 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.405  | 88   | 146518   | 37.32 | ng    | 99       |
| 3) Pyridine                   | 3.122  | 79   | 397353   | 38.50 | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.093  | 42   | 194601   | 39.01 | ng    | 99       |
| 6) Aniline                    | 6.398  | 93   | 529551   | 37.43 | ng    | # 49     |
| 8) 2-Chlorophenol             | 6.522  | 128  | 351765   | 38.99 | ng    | 96       |
| 9) Benzaldehyde               | 6.281  | 77   | 249168   | 39.09 | ng    | 100      |
| 10) Phenol                    | 6.398  | 94   | 444245   | 37.47 | ng    | # 75     |
| 11) bis(2-Chloroethyl)ether   | 6.469  | 93   | 362000   | 39.49 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.669  | 146  | 393013   | 38.73 | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.745  | 146  | 394518   | 38.72 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 6.898  | 146  | 357288   | 38.36 | ng    | 98       |
| 15) Benzyl Alcohol            | 6.887  | 79   | 301133   | 40.52 | ng    | 96       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.010  | 45   | 554446   | 39.31 | ng    | 75       |
| 17) 2-Methylphenol            | 6.998  | 107  | 292601   | 37.94 | ng    | # 90     |
| 18) Hexachloroethane          | 7.234  | 117  | 148167   | 40.26 | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 7.157  | 70   | 265556   | 40.59 | ng    | 98       |
| 20) 3+4-Methylphenols         | 7.157  | 107  | 359259   | 38.63 | ng    | # 73     |
| 22) Acetophenone              | 7.145  | 105  | 497554   | 38.75 | ng    | 92       |
| 24) Nitrobenzene              | 7.322  | 77   | 405686   | 39.01 | ng    | 99       |
| 25) Isophorone                | 7.563  | 82   | 750137   | 40.77 | ng    | 99       |
| 26) 2-Nitrophenol             | 7.634  | 139  | 195203   | 40.76 | ng    | 91       |
| 27) 2,4-Dimethylphenol        | 7.681  | 122  | 314171   | 38.48 | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 7.769  | 93   | 467002   | 40.57 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.881  | 162  | 300875   | 39.35 | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 7.957  | 180  | 317300   | 39.03 | ng    | 99       |
| 31) Naphthalene               | 8.034  | 128  | 1034717  | 38.71 | ng    | 99       |
| 32) Benzoic acid              | 7.845  | 122  | 187708   | 41.47 | ng    | 98       |
| 33) 4-Chloroaniline           | 8.092  | 127  | 430839   | 37.84 | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.145  | 225  | 199088   | 41.30 | ng    | 98       |
| 35) Caprolactam               | 8.481  | 113  | 99908m   | 41.15 | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.581  | 107  | 334848   | 40.78 | ng    | 96       |
| 37) 2-Methylnaphthalene       | 8.722  | 142  | 676648   | 39.08 | ng    | 98       |
| 38) 1-Methylnaphthalene       | 8.822  | 142  | 626353   | 39.07 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 8.892  | 216  | 329634   | 38.56 | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 8.875  | 237  | 61155    | 37.07 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.010  | 196  | 215978   | 40.95 | ng    | 98       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102120\  
 Data File : BF122045.D  
 Acq On : 21 Oct 2020 9:47  
 Operator : JU/CG  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

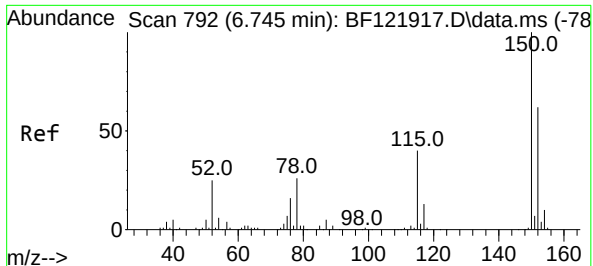
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Quant Time: Oct 21 11:19:33 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF102120.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 21 11:18:33 2020  
 Response via : Initial Calibration

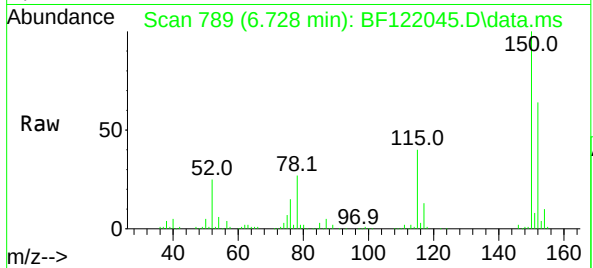
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.057  | 196  | 225496   | 39.59 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.186  | 154  | 832744   | 38.67 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.216  | 162  | 639606   | 38.19 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.322  | 65   | 219058   | 39.65 | ng    | 95       |
| 49) Acenaphthylene            | 9.628  | 152  | 961508   | 37.38 | ng    | 100      |
| 50) Dimethylphthalate         | 9.492  | 163  | 775456   | 40.04 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.563  | 165  | 168742   | 39.72 | ng    | 96       |
| 52) Acenaphthene              | 9.798  | 154  | 583780   | 38.15 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.733  | 138  | 186508   | 38.60 | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 9.851  | 184  | 75777    | 39.84 | ng    | # 87     |
| 55) Dibenzofuran              | 9.969  | 168  | 844643   | 37.75 | ng    | 99       |
| 56) 4-Nitrophenol             | 9.916  | 139  | 93123    | 35.43 | ng    | 88       |
| 57) 2,4-Dinitrotoluene        | 9.975  | 165  | 206824   | 39.54 | ng    | 97       |
| 58) Fluorene                  | 10.316 | 166  | 695263   | 38.57 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.098 | 232  | 185325   | 42.05 | ng    | 99       |
| 60) Diethylphthalate          | 10.186 | 149  | 780358   | 41.78 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 10.304 | 204  | 346246   | 40.05 | ng    | 99       |
| 62) 4-Nitroaniline            | 10.351 | 138  | 169137   | 35.04 | ng    | 92       |
| 63) Azobenzene                | 10.463 | 77   | 792428   | 40.12 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 10.386 | 198  | 126654   | 39.25 | ng    | 99       |
| 66) n-Nitrosodiphenylamine    | 10.428 | 169  | 653854   | 38.52 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.792 | 248  | 228869   | 40.21 | ng    | 98       |
| 68) Hexachlorobenzene         | 10.863 | 284  | 257491   | 39.96 | ng    | 96       |
| 69) Atrazine                  | 10.957 | 200  | 173230   | 41.74 | ng    | 99       |
| 70) Pentachlorophenol         | 11.063 | 266  | 92201    | 40.72 | ng    | 97       |
| 71) Phenanthrene              | 11.275 | 178  | 1021085  | 37.79 | ng    | 99       |
| 72) Anthracene                | 11.328 | 178  | 1058476  | 37.77 | ng    | 99       |
| 73) Carbazole                 | 11.486 | 167  | 940669   | 37.76 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.810 | 149  | 1213721  | 42.34 | ng    | 99       |
| 75) Fluoranthene              | 12.463 | 202  | 1096704  | 37.86 | ng    | 97       |
| 77) Benzidine                 | 12.586 | 184  | 397260   | 34.42 | ng    | 99       |
| 78) Pyrene                    | 12.686 | 202  | 1103215  | 38.67 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.304 | 149  | 501952   | 44.37 | ng    | 94       |
| 81) Benzo(a)anthracene        | 13.880 | 228  | 961560   | 39.20 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.839 | 252  | 363025   | 39.89 | ng    | 98       |
| 83) Chrysene                  | 13.916 | 228  | 939317   | 39.00 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 13.857 | 149  | 723966   | 47.14 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.469 | 149  | 1190416  | 47.91 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.727 | 276  | 819349   | 40.33 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 14.910 | 252  | 905597   | 42.81 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 14.933 | 252  | 820246   | 40.82 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.257 | 252  | 760395   | 41.62 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 16.727 | 278  | 685959   | 41.01 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.139 | 276  | 672506   | 40.17 | ng    | 98       |

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

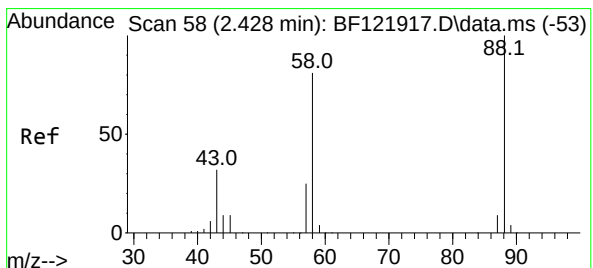
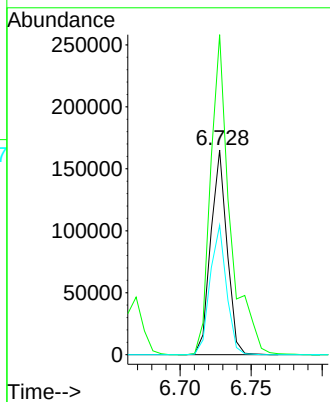
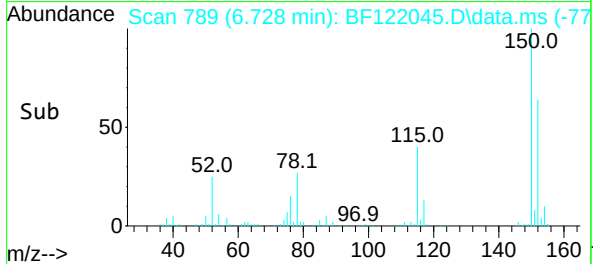




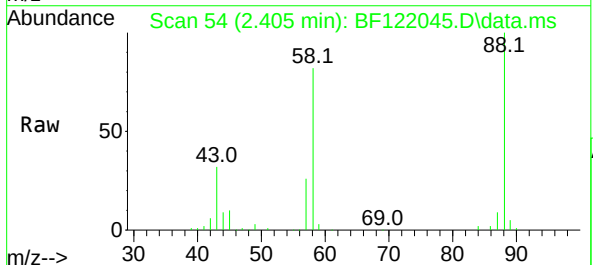
#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.728 min Scan# 789  
Delta R.T. -0.000 min  
Lab File: BF122045.D  
Acq: 21 Oct 2020 9:47



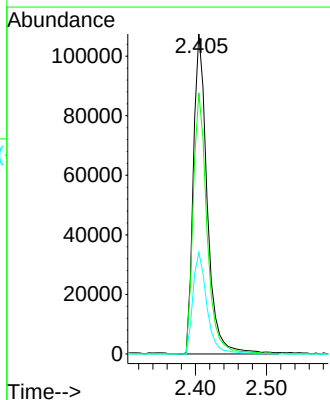
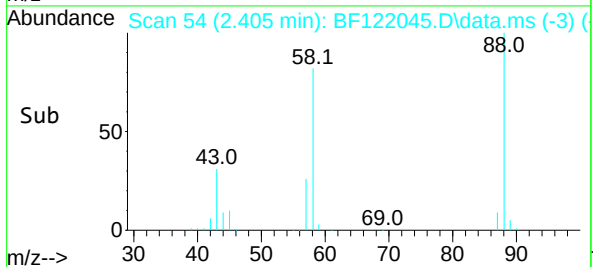
Tgt Ion:152 Resp: 131730  
Ion Ratio Lower Upper  
152 100  
150 156.4 125.3 187.9  
115 63.2 51.9 77.9



#2  
1,4-Dioxane  
Concen: 37.32 ng  
RT: 2.405 min Scan# 54  
Delta R.T. 0.000 min  
Lab File: BF122045.D  
Acq: 21 Oct 2020 9:47



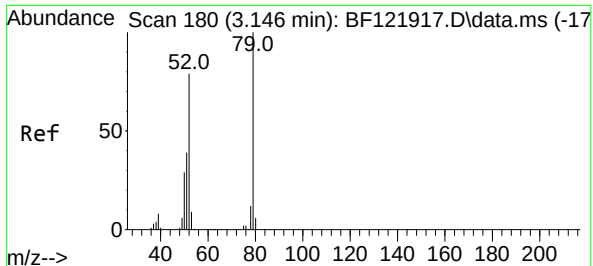
Tgt Ion: 88 Resp: 146518  
Ion Ratio Lower Upper  
88 100  
58 80.9 65.8 98.8  
43 31.8 25.8 38.8



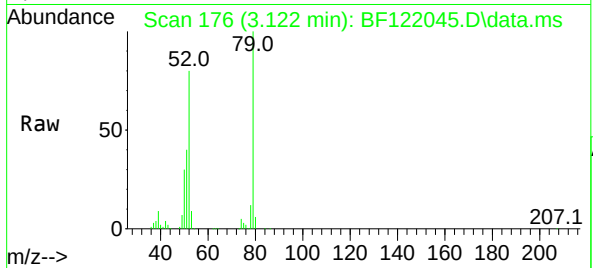
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Manual Integrations  
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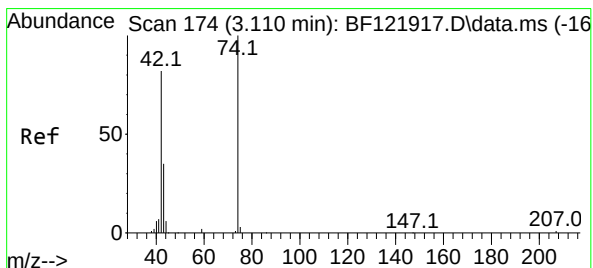
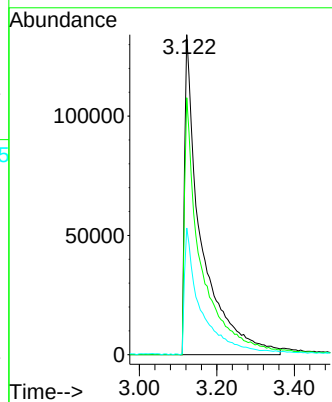
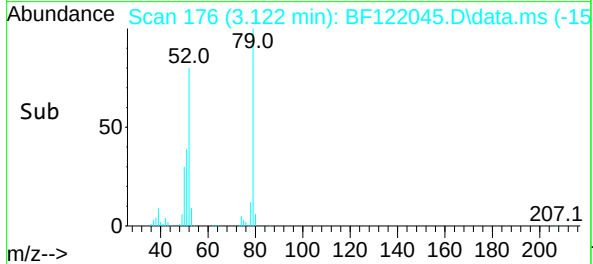
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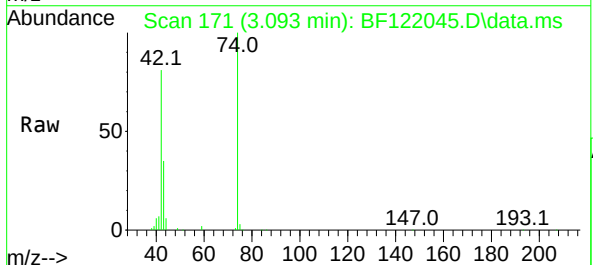
#3  
Pyridine  
Concen: 38.50 ng  
RT: 3.122 min Scan# 176  
Delta R.T. 0.000 min  
Lab File: BF122045.D  
Acq: 21 Oct 2020 9:47



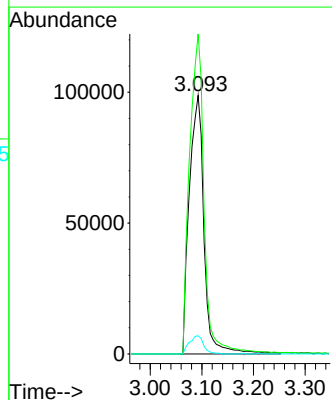
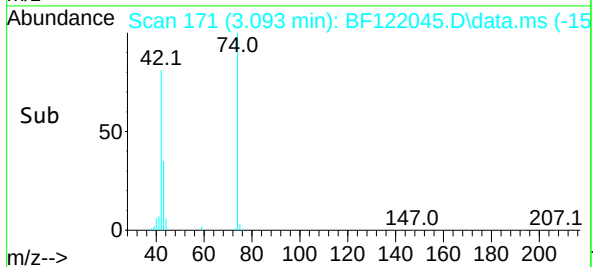
Tgt Ion: 79 Resp: 397353  
Ion Ratio Lower Upper  
79 100  
52 80.3 62.2 93.4  
51 39.6 31.1 46.7



#4  
n-Nitrosodimethylamine  
Concen: 39.01 ng  
RT: 3.093 min Scan# 171  
Delta R.T. 0.000 min  
Lab File: BF122045.D  
Acq: 21 Oct 2020 9:47



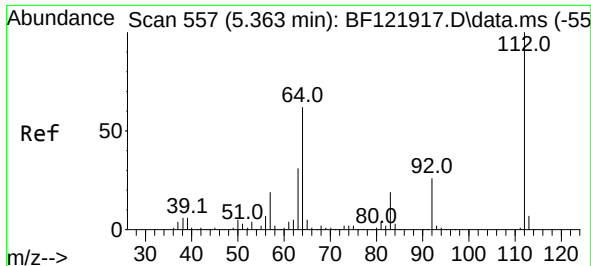
Tgt Ion: 42 Resp: 194601  
Ion Ratio Lower Upper  
42 100  
74 123.8 100.2 150.2  
44 7.1 5.8 8.6



Instrument :  
BNA\_F  
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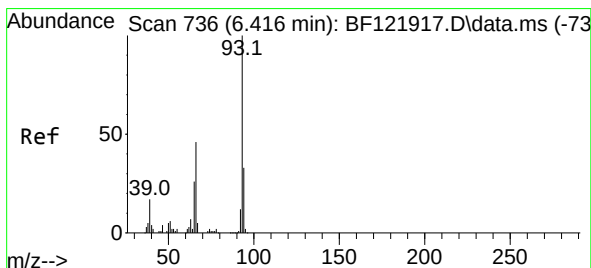
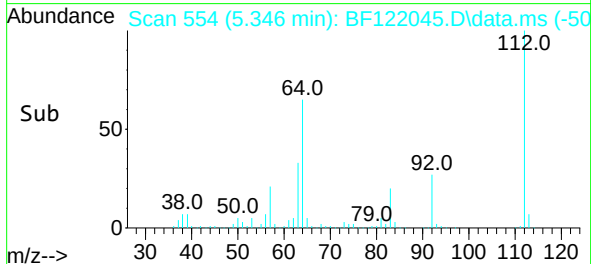
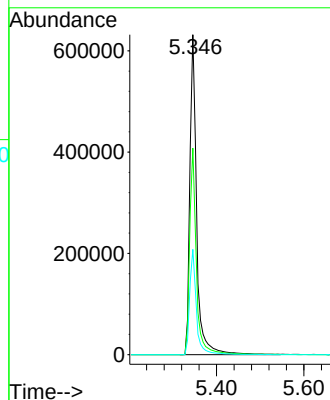
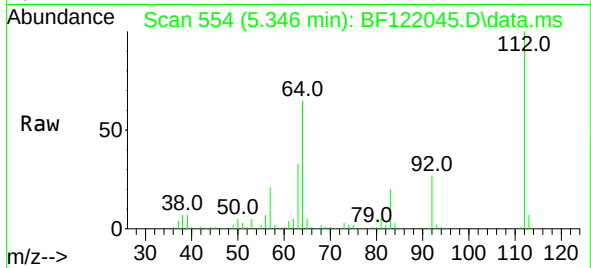
#5  
2-Fluorophenol  
Concen: 76.54 ng  
RT: 5.346 min Scan# 554  
Delta R.T. 0.000 min  
Lab File: BF122045.D  
Acq: 21 Oct 2020 9:47

Tgt Ion: 112 Resp: 683145  
Ion Ratio Lower Upper  
112 100  
64 64.6 50.4 75.6  
63 32.9 25.8 38.6

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

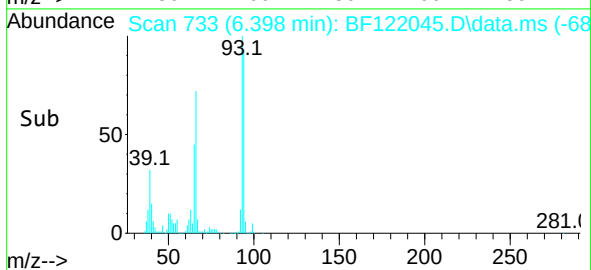
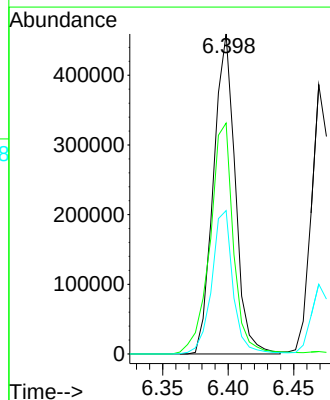
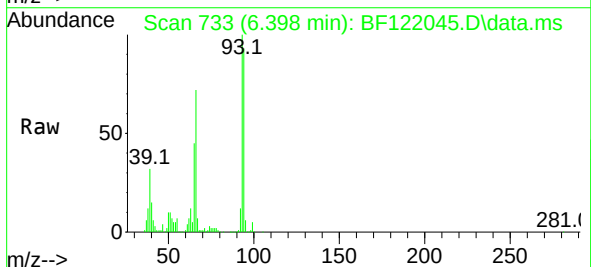
Manual Integrations  
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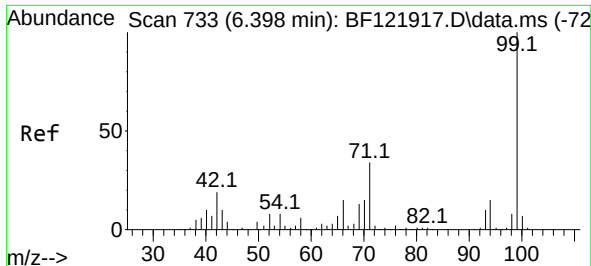
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#6  
Aniline  
Concen: 37.43 ng  
RT: 6.398 min Scan# 733  
Delta R.T. 0.000 min  
Lab File: BF122045.D  
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Tgt Ion: 93 Resp: 529551  
Ion Ratio Lower Upper  
93 100  
66 72.1 32.7 49.1#  
65 44.8 16.6 24.8#





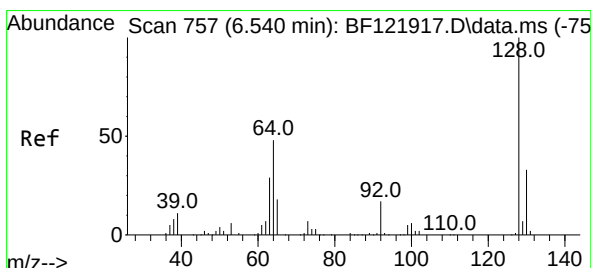
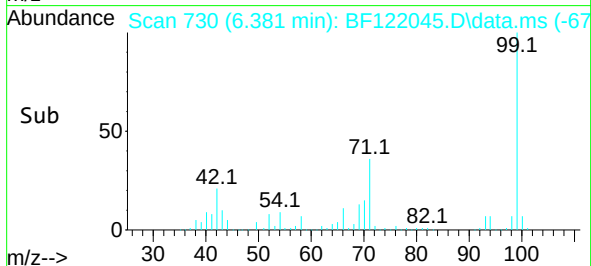
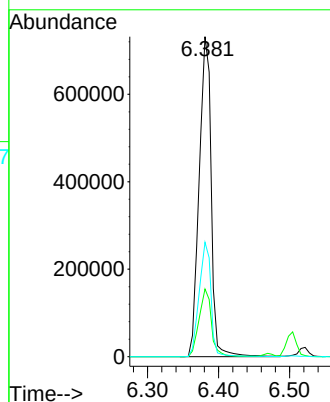
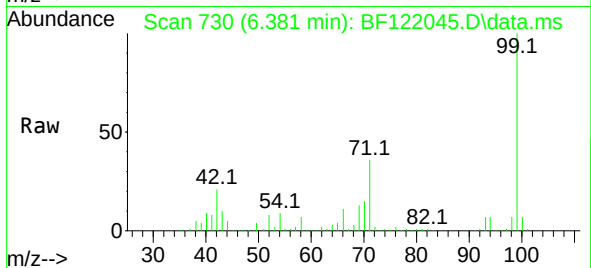
#7  
Phenol-d6  
Concen: 75.17 ng  
RT: 6.381 min Scan# 730  
Delta R.T. 0.000 min  
Lab File: BF122045.D  
Acq: 21 Oct 2020 9:47

Tgt Ion: 99 Resp: 863714  
Ion Ratio Lower Upper  
99 100  
42 21.1 15.9 23.9  
71 35.8 27.1 40.7

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

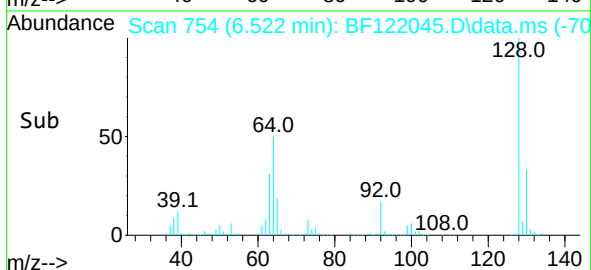
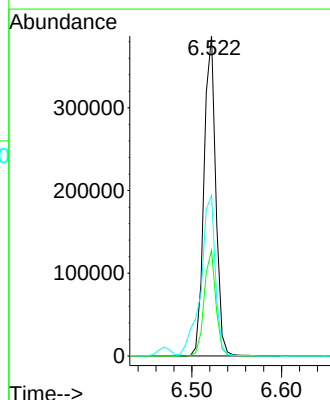
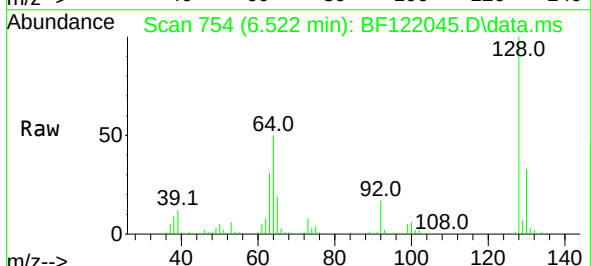
Manual Integrations  
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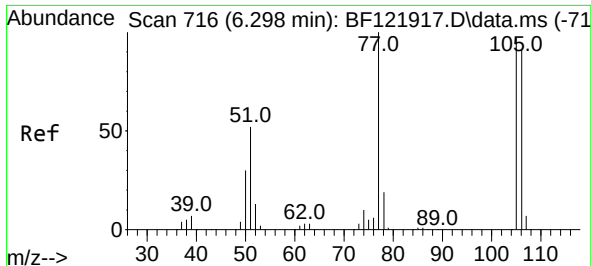
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10/22/2020 12:58:52 PM



#8  
2-Chlorophenol  
Concen: 38.99 ng  
RT: 6.522 min Scan# 754  
Delta R.T. 0.000 min  
Lab File: BF122045.D  
Acq: 21 Oct 2020 9:47

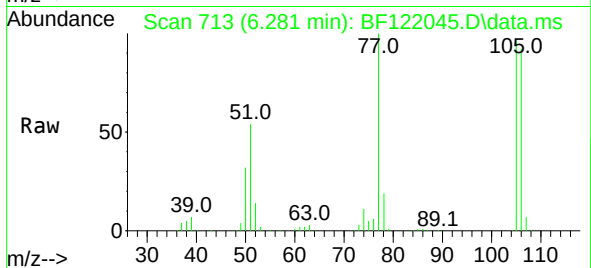
Tgt Ion: 128 Resp: 351765  
Ion Ratio Lower Upper  
128 100  
130 33.0 12.4 52.4  
64 50.2 34.8 74.8





#9  
Benzaldehyde  
Concen: 39.09 ng  
RT: 6.281 min Scan# 713  
Delta R.T. 0.000 min  
Lab File: BF122045.D  
Acq: 21 Oct 2020 9:47

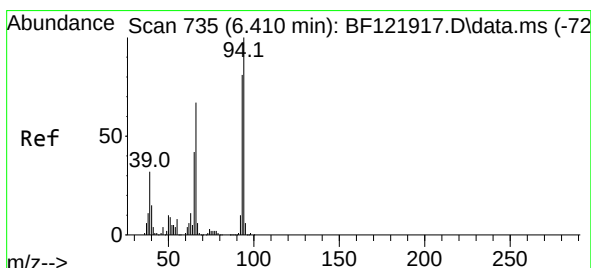
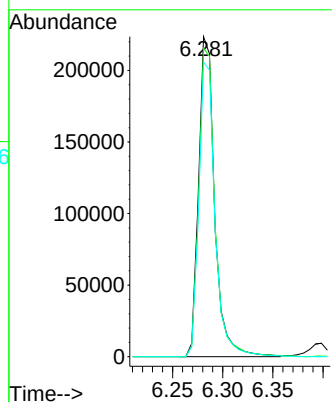
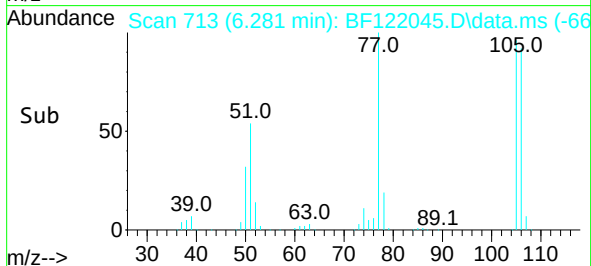
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



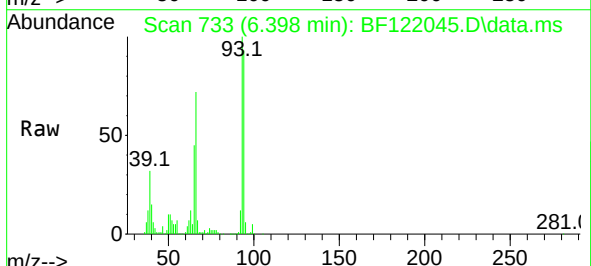
Tgt Ion: 77 Resp: 249168  
Ion Ratio Lower Upper  
77 100  
105 96.5 76.7 116.7  
106 92.0 71.3 111.3

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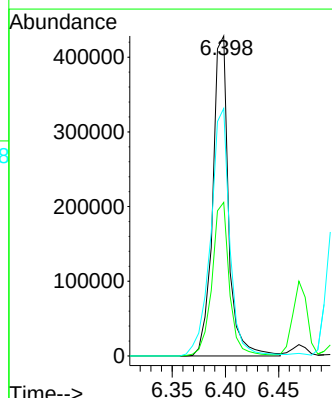
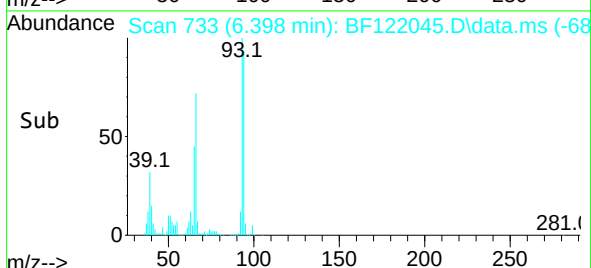
mohammad  
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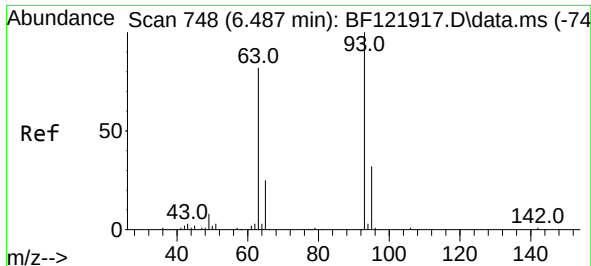
#10  
Phenol  
Concen: 37.47 ng  
RT: 6.398 min Scan# 733  
Delta R.T. 0.000 min  
Lab File: BF122045.D  
Acq: 21 Oct 2020 9:47



Tgt Ion: 94 Resp: 444245  
Ion Ratio Lower Upper  
94 100  
65 48.0 17.1 57.1  
66 77.3 36.0 76.0#







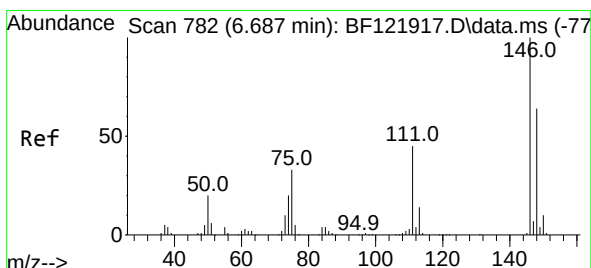
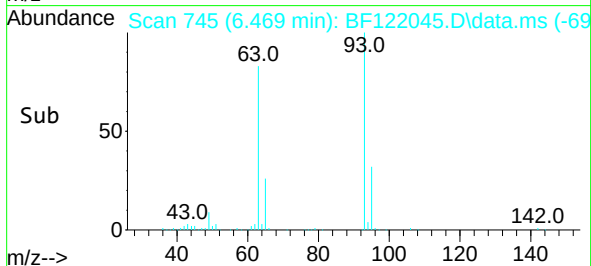
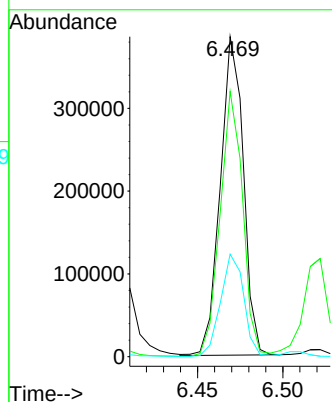
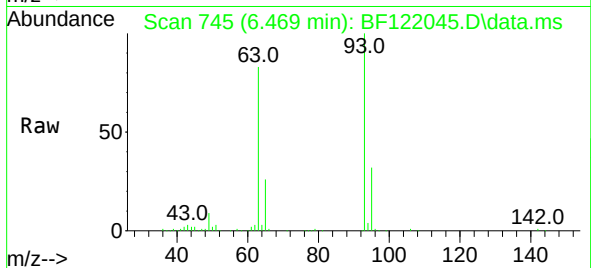
#11  
bis(2-Chloroethyl)ether  
Concen: 39.49 ng  
RT: 6.469 min Scan# 745  
Delta R.T. 0.000 min  
Lab File: BF122045.D  
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Tgt Ion: 93 Resp: 362000  
Ion Ratio Lower Upper  
93 100  
63 82.9 62.4 102.4  
95 32.1 12.6 52.6

Instrument :  
BNA\_F  
ClientSampleId :  
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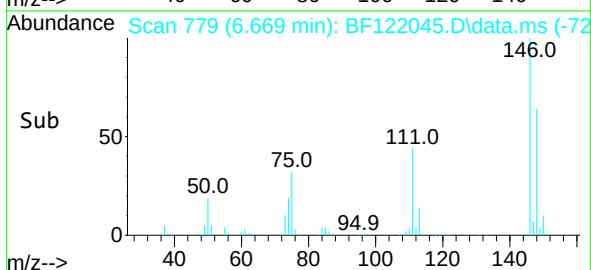
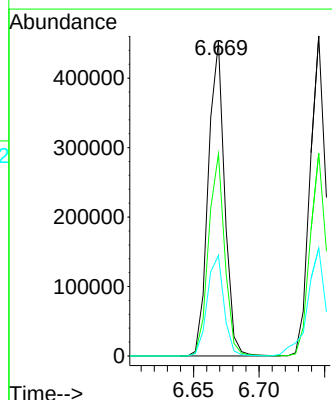
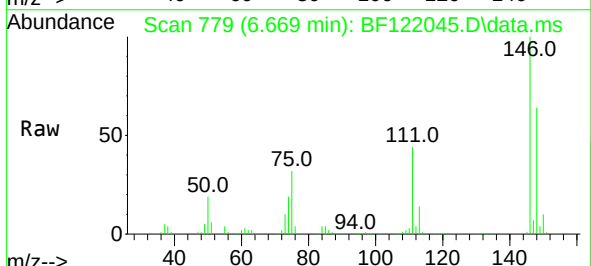
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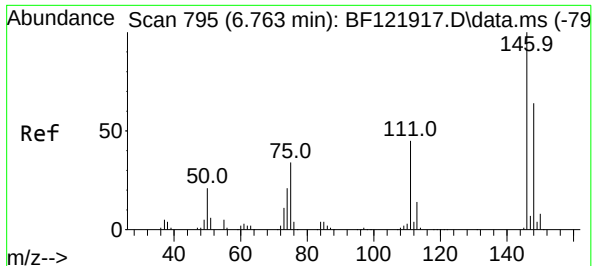
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#12  
1,3-Dichlorobenzene  
Concen: 38.73 ng  
RT: 6.669 min Scan# 779  
Delta R.T. 0.000 min  
Lab File: BF122045.D  
Acq: 21 Oct 2020 9:47

Tgt Ion: 146 Resp: 393013  
Ion Ratio Lower Upper  
146 100  
148 64.3 51.0 76.4  
75 31.9 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 38.72 ng

RT: 6.745 min Scan# 792

Delta R.T. 0.000 min

Lab File: BF122045.D

Acq: 21 Oct 2020 9:47

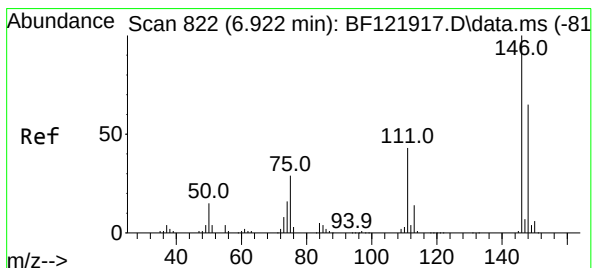
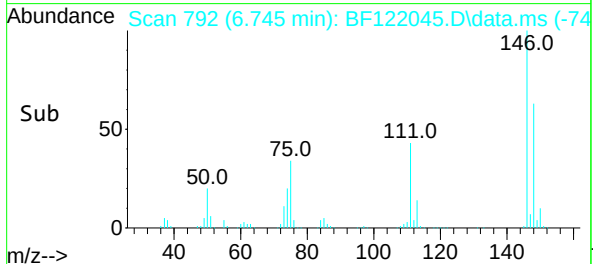
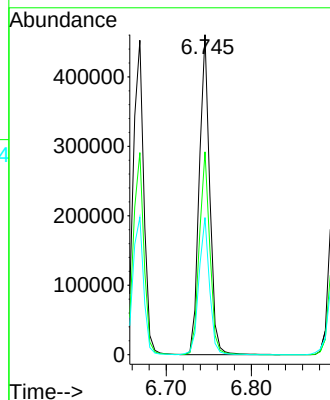
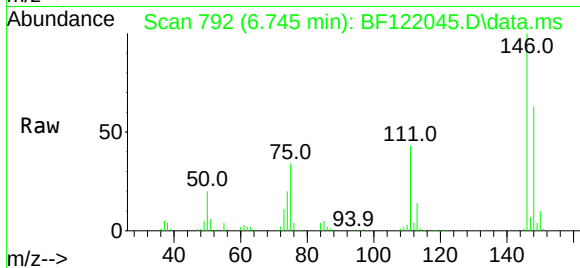
Tgt Ion:146 Resp: 394518

Ion Ratio Lower Upper

146 100

148 63.4 50.1 75.1

111 42.9 34.6 52.0



#14

1,2-Dichlorobenzene

Concen: 38.36 ng

RT: 6.898 min Scan# 818

Delta R.T. 0.000 min

Lab File: BF122045.D

Acq: 21 Oct 2020 9:47

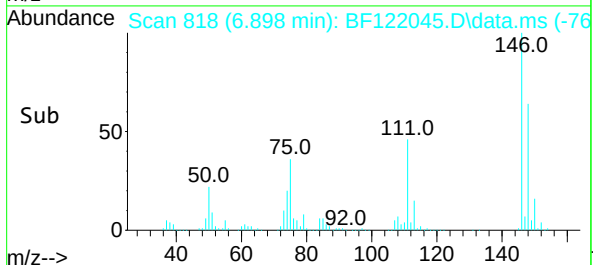
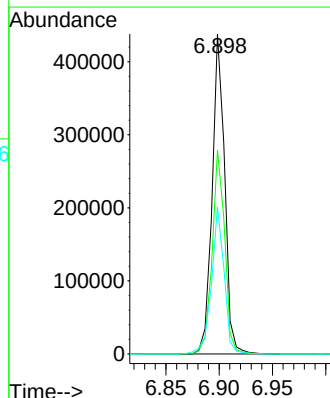
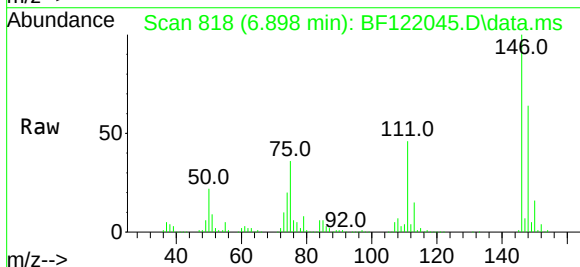
Tgt Ion:146 Resp: 357288

Ion Ratio Lower Upper

146 100

148 63.7 51.1 76.7

111 46.0 34.2 51.4



Instrument :

BNA\_F

ClientSampleId :

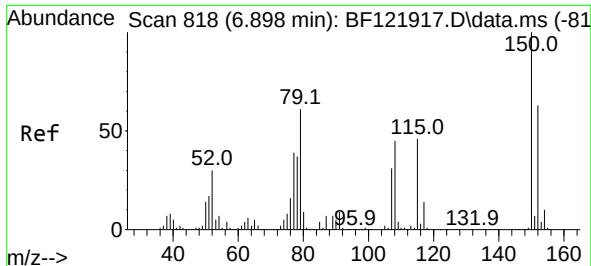
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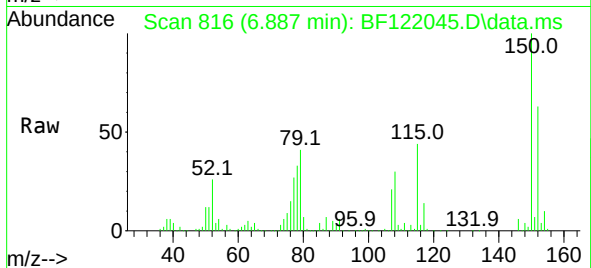
mohammad

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#15  
Benzyl Alcohol  
Concen: 40.52 ng  
RT: 6.887 min Scan# 816  
Delta R.T. 0.000 min  
Lab File: BF122045.D  
Acq: 21 Oct 2020 9:47

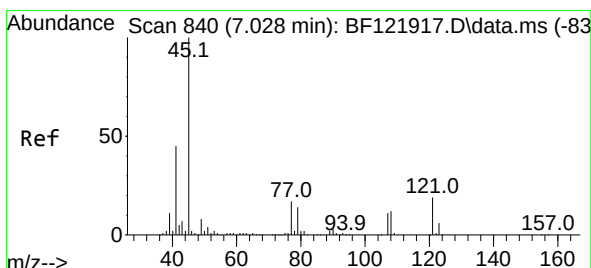
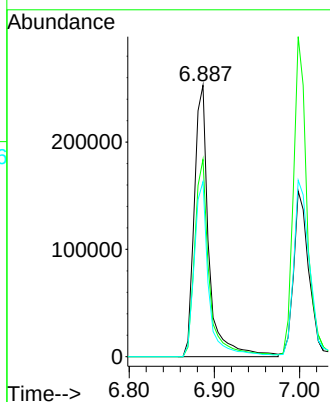
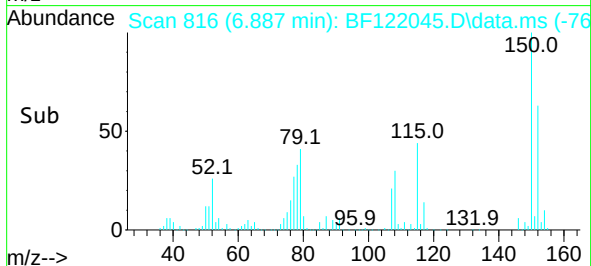
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



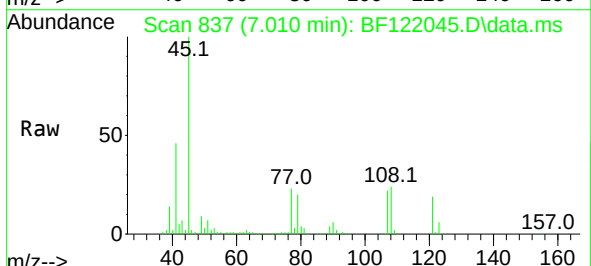
Tgt Ion: 79 Resp: 301133  
Ion Ratio Lower Upper  
79 100  
108 72.7 62.3 93.5  
77 64.5 50.6 75.8

Manual Integrations  
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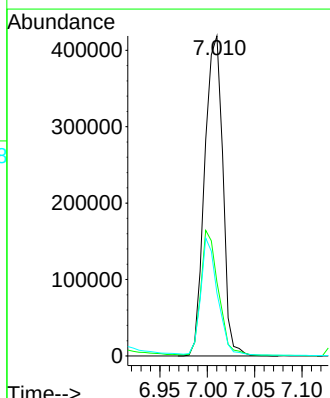
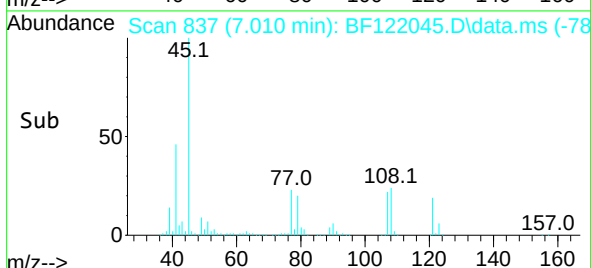
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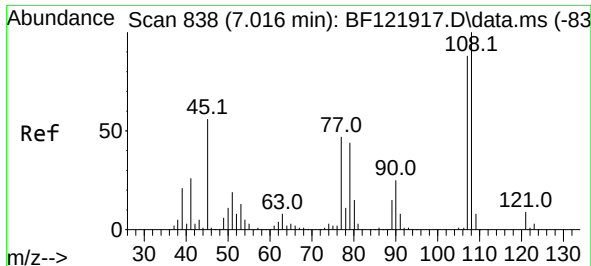


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 39.31 ng  
RT: 7.010 min Scan# 837  
Delta R.T. 0.000 min  
Lab File: BF122045.D  
Acq: 21 Oct 2020 9:47



Tgt Ion: 45 Resp: 554446  
Ion Ratio Lower Upper  
45 100  
77 23.1 0.0 33.3  
79 19.7 0.0 30.4





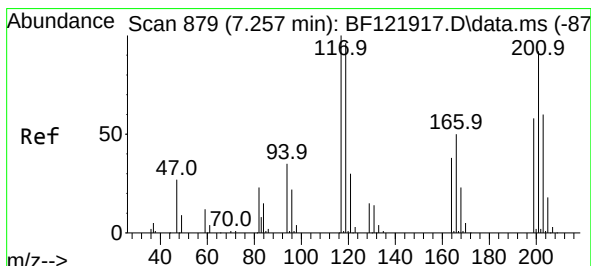
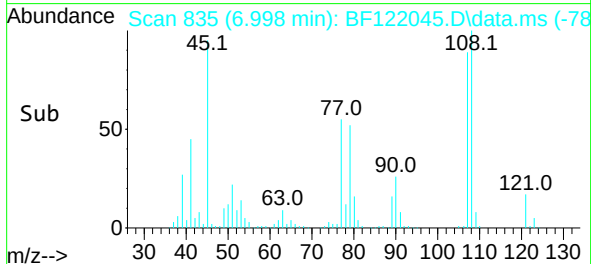
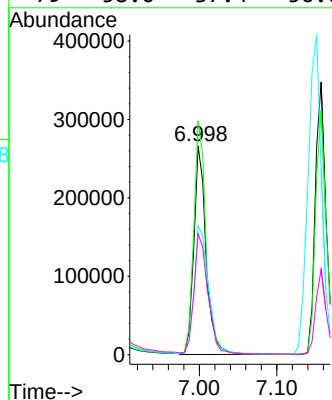
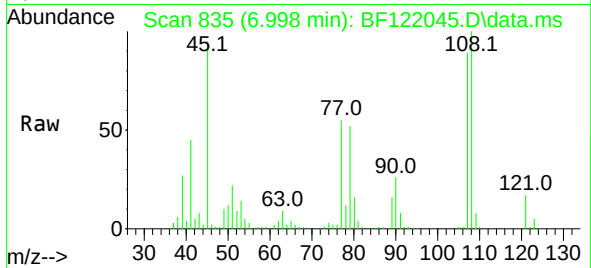
#17  
2-Methylphenol  
Concen: 37.94 ng  
RT: 6.998 min Scan# 835  
Delta R.T. 0.000 min  
Lab File: BF122045.D  
Acq: 21 Oct 2020 9:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 112.0 | 90.9  | 136.3 |
| 77      | 61.8  | 37.5  | 56.3# |
| 79      | 58.0  | 37.4  | 56.0# |

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

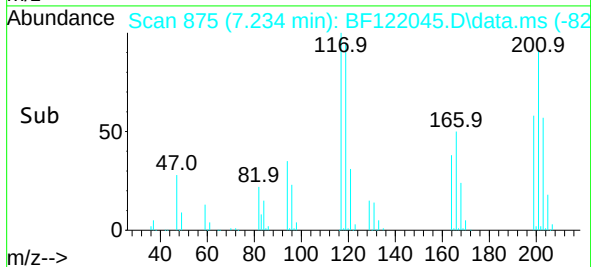
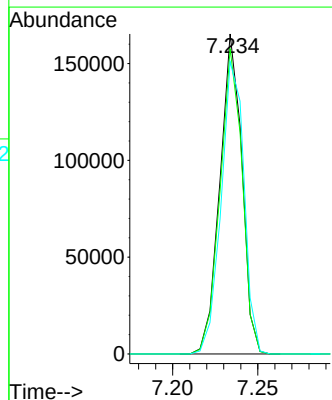
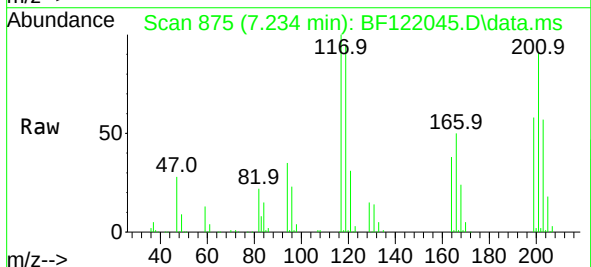
Manual Integrations  
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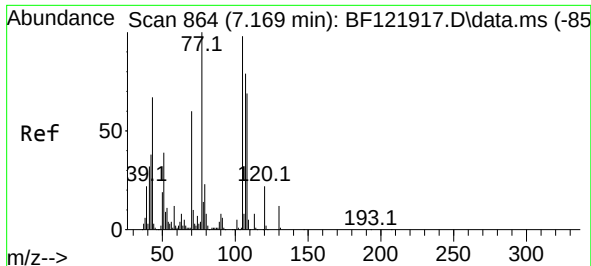
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#18  
Hexachloroethane  
Concen: 40.26 ng  
RT: 7.234 min Scan# 875  
Delta R.T. 0.000 min  
Lab File: BF122045.D  
Acq: 21 Oct 2020 9:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 95.4  | 76.3  | 114.5 |
| 201     | 91.4  | 71.8  | 107.6 |





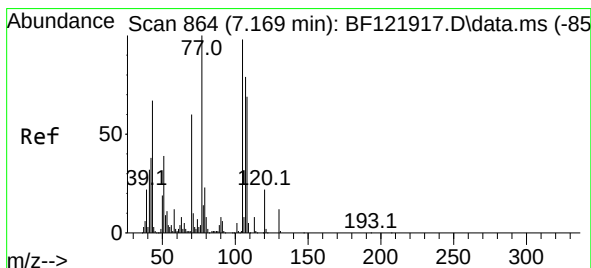
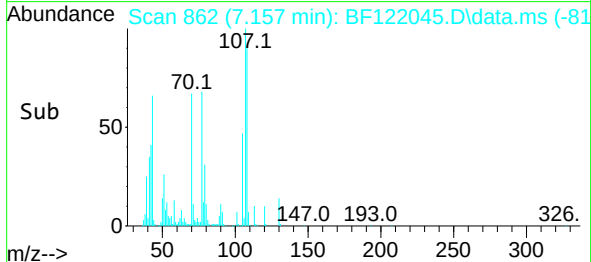
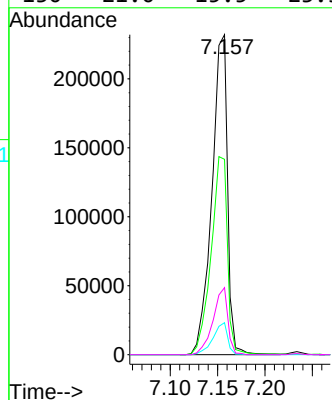
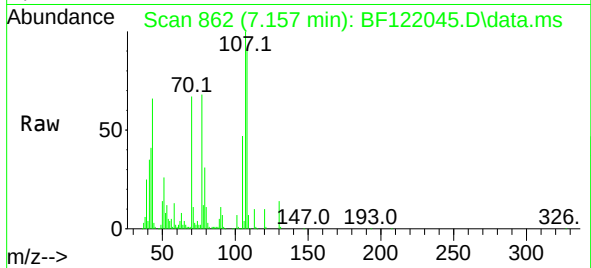
#19  
n-Nitroso-di-n-propylamine  
Concen: 40.59 ng  
RT: 7.157 min Scan# 862  
Delta R.T. 0.000 min  
Lab File: BF122045.D  
Acq: 21 Oct 2020 9:47

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 70    | Resp: | 265556 |
| Ion Ratio | Lower | Upper |        |
| 70        | 100   |       |        |
| 42        | 61.0  | 50.2  | 75.4   |
| 101       | 10.0  | 7.5   | 11.3   |
| 130       | 21.0  | 15.5  | 23.3   |

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

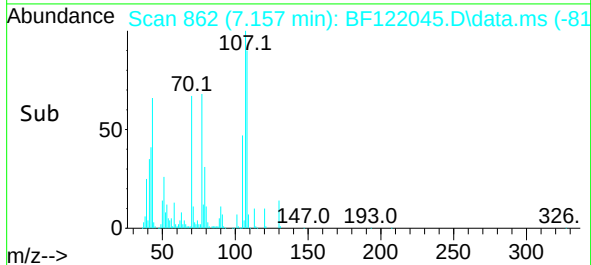
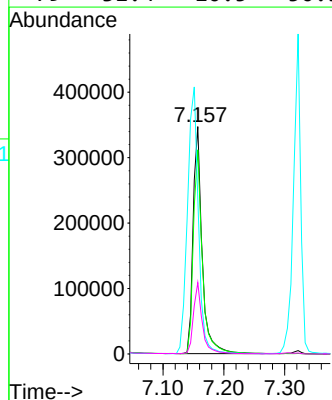
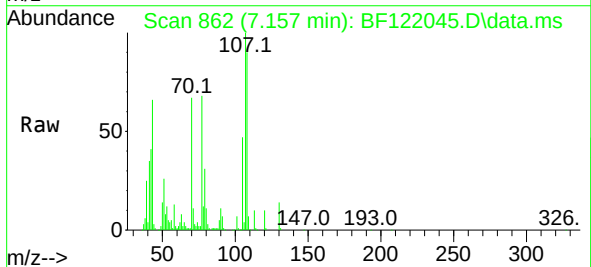
Manual Integrations  
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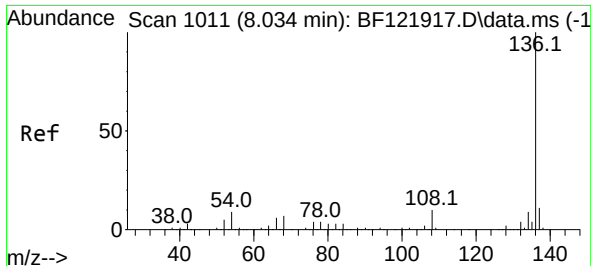
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#20  
3+4-Methylphenols  
Concen: 38.63 ng  
RT: 7.157 min Scan# 862  
Delta R.T. 0.000 min  
Lab File: BF122045.D  
Acq: 21 Oct 2020 9:47

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 359259 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 89.8  | 68.9  | 108.9  |
| 77        | 68.3  | 108.0 | 148.0# |
| 79        | 31.4  | 10.5  | 50.5   |





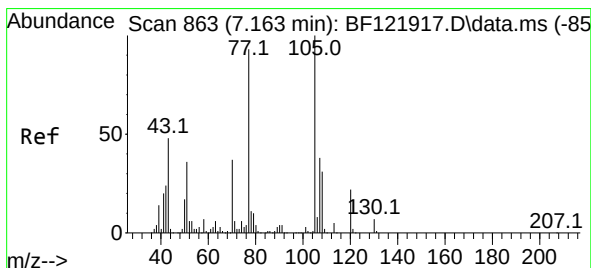
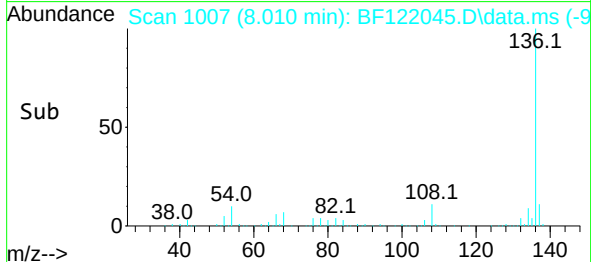
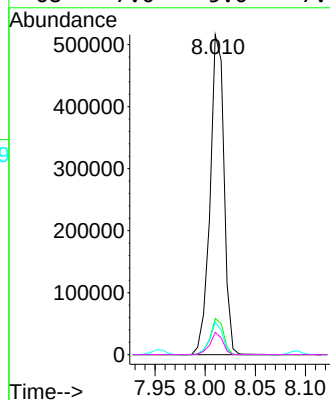
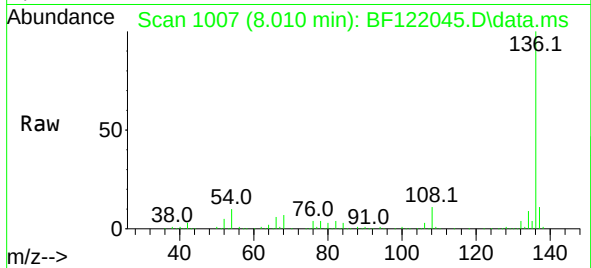
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.010 min Scan# 1007  
Delta R.T. 0.000 min  
Lab File: BF122045.D  
Acq: 21 Oct 2020 9:47

Tgt Ion:136 Resp: 499011  
Ion Ratio Lower Upper  
136 100  
137 11.3 8.6 13.0  
54 10.1 7.1 10.7  
68 7.0 5.0 7.4

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

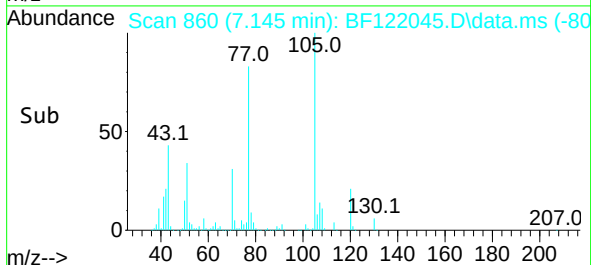
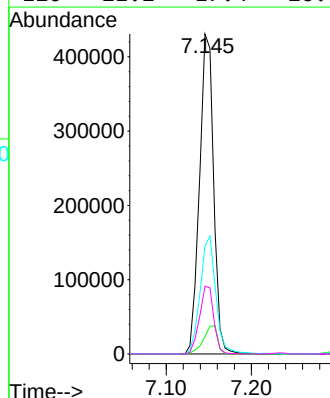
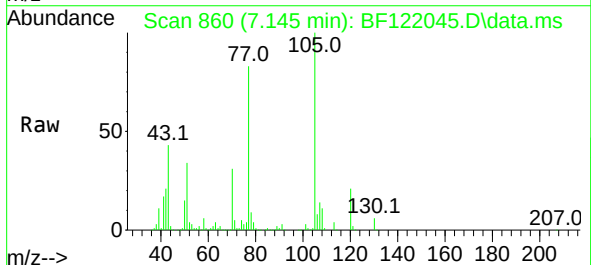
Manual Integrations  
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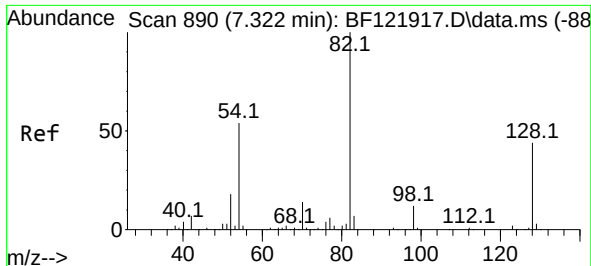
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#22  
Acetophenone  
Concen: 38.75 ng  
RT: 7.145 min Scan# 860  
Delta R.T. 0.000 min  
Lab File: BF122045.D  
Acq: 21 Oct 2020 9:47

Tgt Ion:105 Resp: 497554  
Ion Ratio Lower Upper  
105 100  
71 5.5 5.3 7.9  
51 33.7 33.2 49.8  
120 21.2 17.4 26.0





#23

Nitrobenzene-d5

Concen: 78.59 ng

RT: 7.304 min Scan# 887

Delta R.T. 0.000 min

Lab File: BF122045.D

Acq: 21 Oct 2020 9:47

Tgt Ion: 82 Resp: 764684

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 42.8  | 35.0  | 52.4  |
| 54  | 54.6  | 43.9  | 65.9  |

Instrument :

BNA\_F

ClientSampleId :

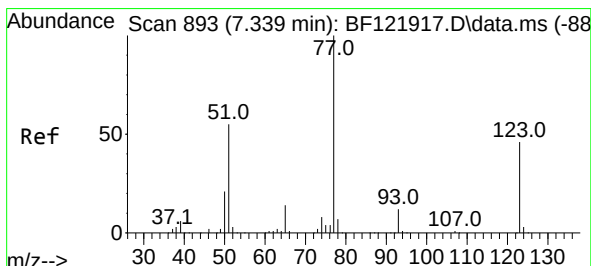
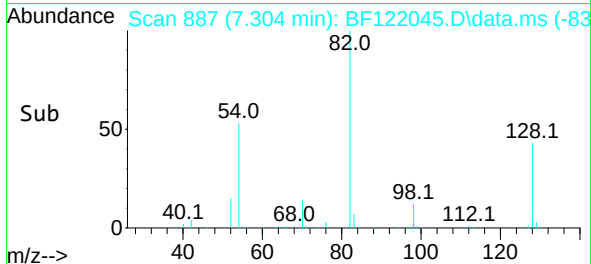
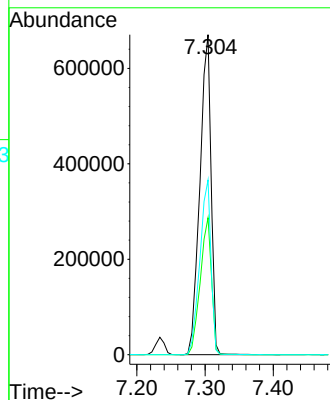
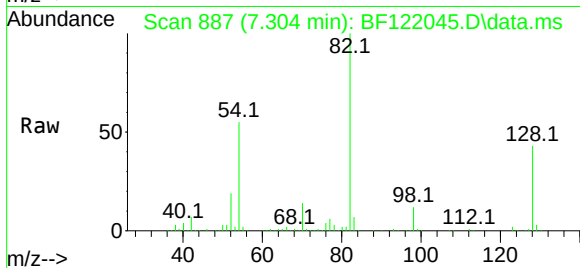
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#24

Nitrobenzene

Concen: 39.01 ng

RT: 7.322 min Scan# 890

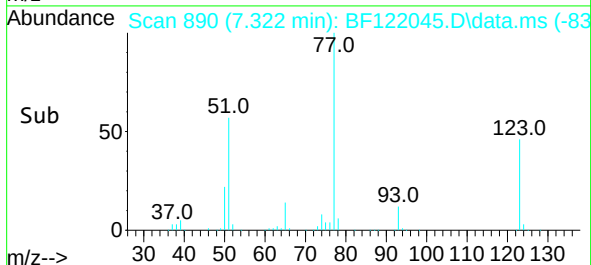
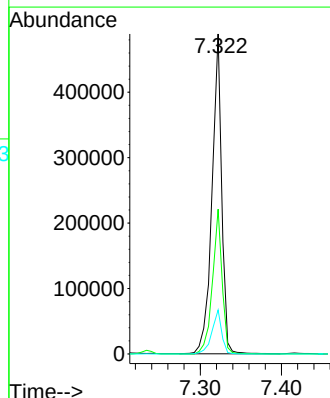
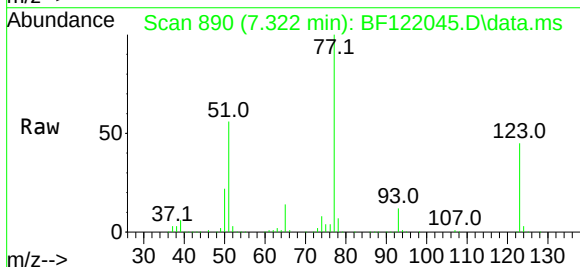
Delta R.T. 0.000 min

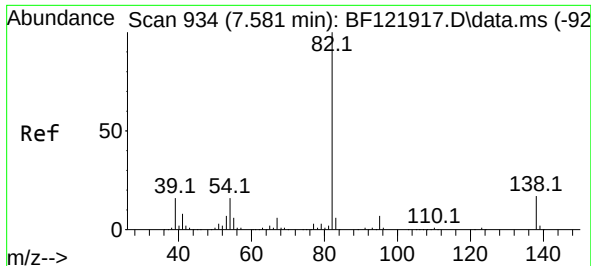
Lab File: BF122045.D

Acq: 21 Oct 2020 9:47

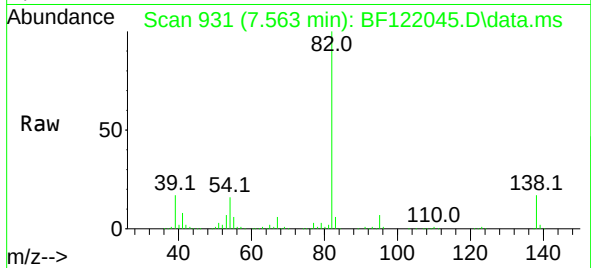
Tgt Ion: 77 Resp: 405686

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 45.2  | 35.6  | 53.4  |
| 65  | 13.8  | 11.2  | 16.8  |

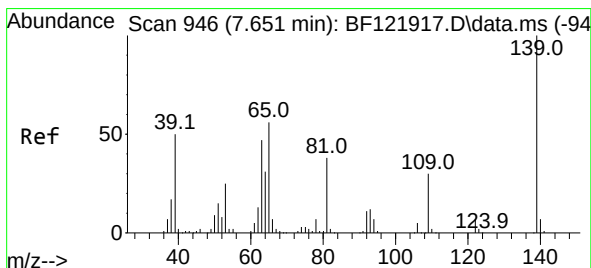
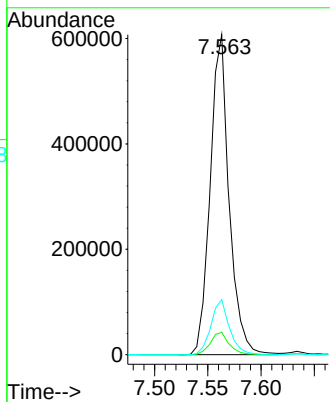
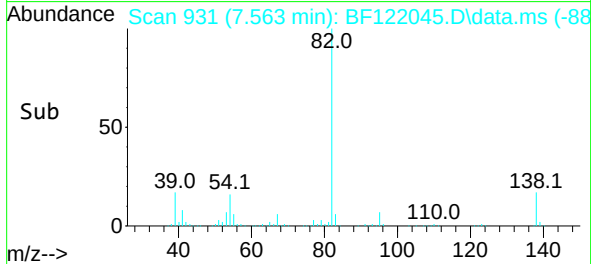




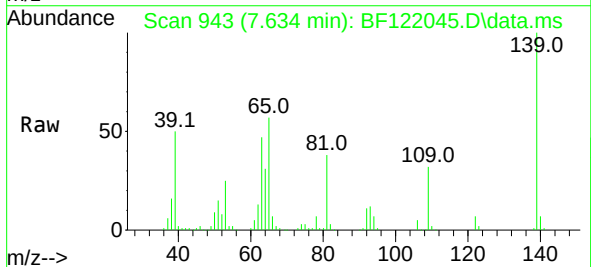
#25  
Isophorone  
Concen: 40.77 ng  
RT: 7.563 min Scan# 931  
Delta R.T. 0.000 min  
Lab File: BF122045.D  
Acq: 21 Oct 2020 9:47



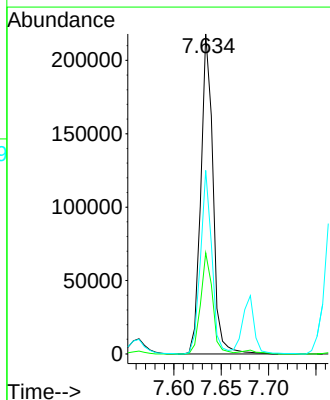
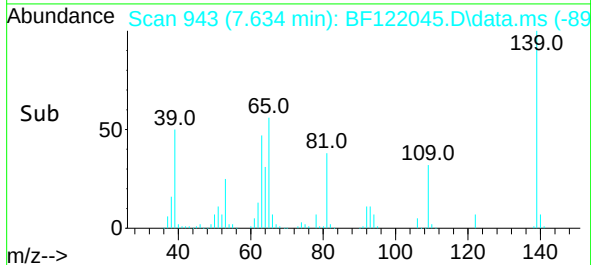
Tgt Ion: 82 Resp: 750137  
Ion Ratio Lower Upper  
82 100  
95 7.0 5.4 8.0  
138 17.2 13.4 20.0



#26  
2-Nitrophenol  
Concen: 40.76 ng  
RT: 7.634 min Scan# 943  
Delta R.T. 0.000 min  
Lab File: BF122045.D  
Acq: 21 Oct 2020 9:47



Tgt Ion: 139 Resp: 195203  
Ion Ratio Lower Upper  
139 100  
109 31.6 23.0 34.4  
65 57.4 39.9 59.9

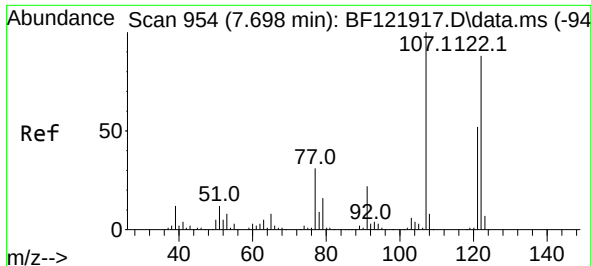


Instrument :  
BNA\_F  
ClientSampleId :  
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#27

2,4-Dimethylphenol

Concen: 38.48 ng

RT: 7.681 min Scan# 951

Delta R.T. 0.000 min

Lab File: BF122045.D

Acq: 21 Oct 2020 9:47

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 122   | Resp: | 314171 |
| Ion      | Ratio | Lower | Upper  |
| 122      | 100   |       |        |
| 107      | 116.0 | 90.8  | 136.2  |
| 121      | 59.0  | 47.5  | 71.3   |

Instrument :

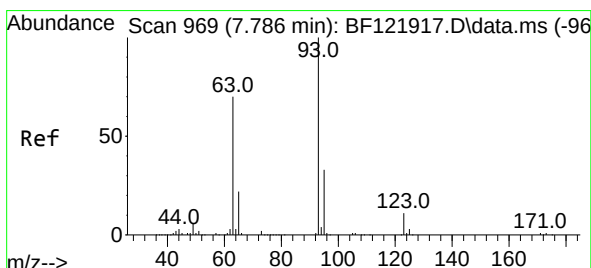
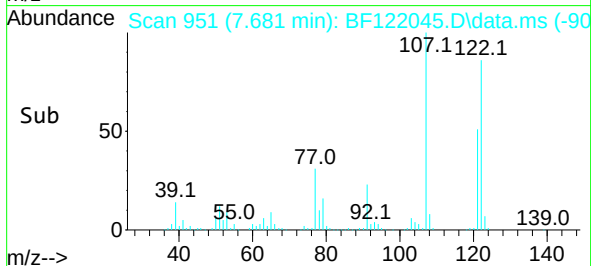
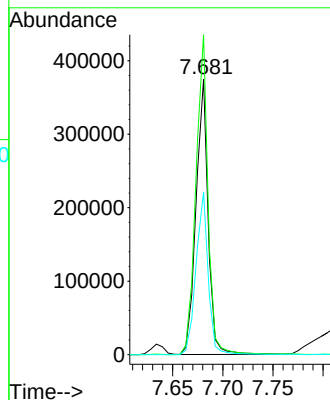
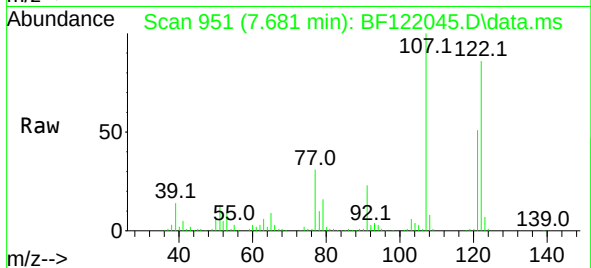
BNA\_F

ClientSampleId :

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#28

bis(2-Chloroethoxy)methane

Concen: 40.57 ng

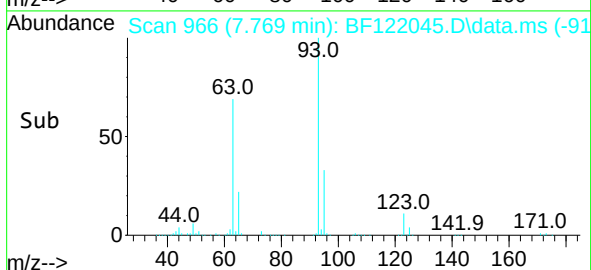
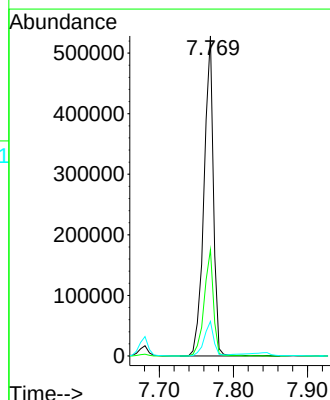
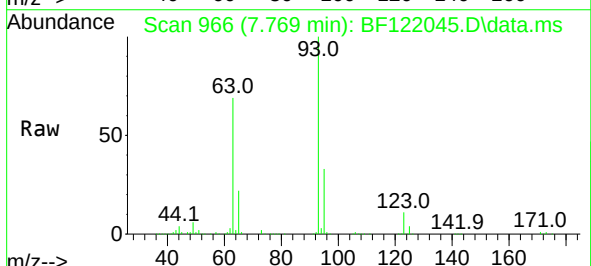
RT: 7.769 min Scan# 966

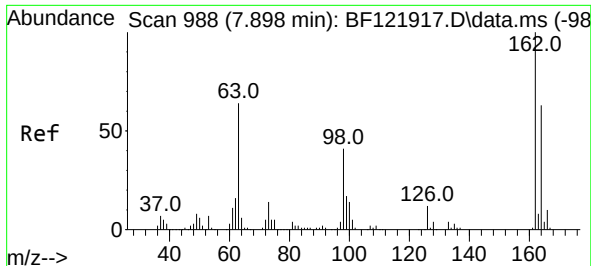
Delta R.T. 0.000 min

Lab File: BF122045.D

Acq: 21 Oct 2020 9:47

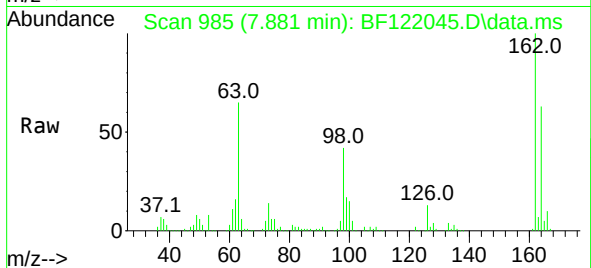
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 467002 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 95       | 33.2  | 26.2  | 39.4   |
| 123      | 10.8  | 8.8   | 13.2   |





#29  
2,4-Dichlorophenol  
Concen: 39.35 ng  
RT: 7.881 min Scan# 985  
Delta R.T. 0.000 min  
Lab File: BF122045.D  
Acq: 21 Oct 2020 9:47

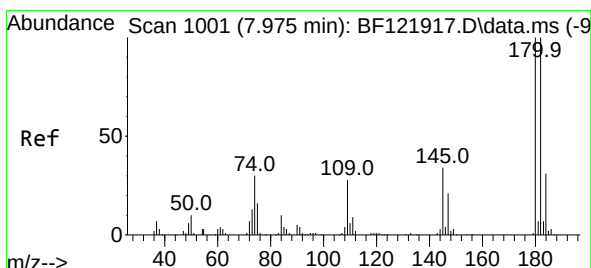
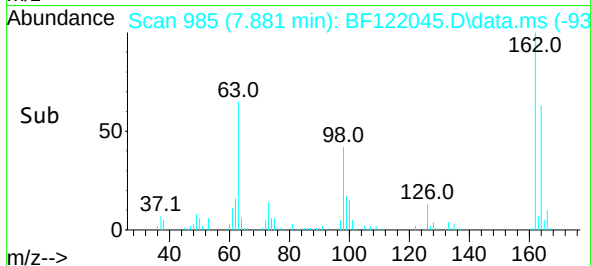
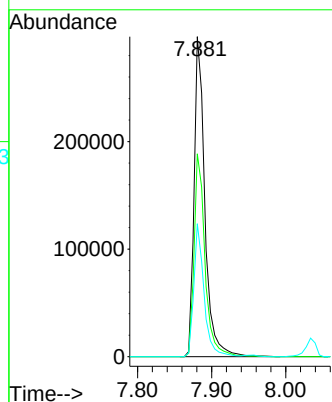
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:162 Resp: 300875  
Ion Ratio Lower Upper  
162 100  
164 63.4 42.5 82.5  
98 41.5 20.1 60.1

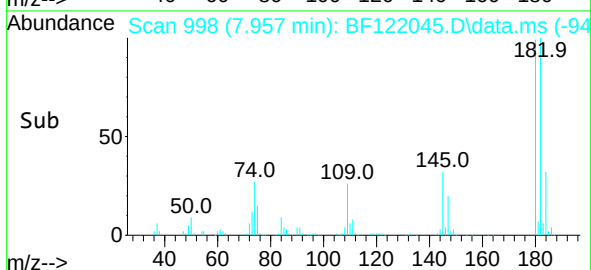
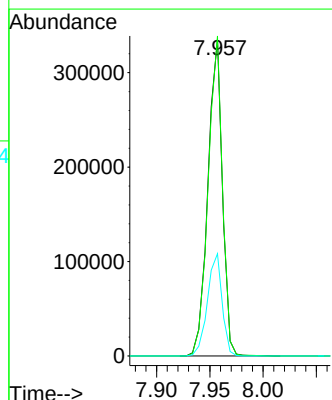
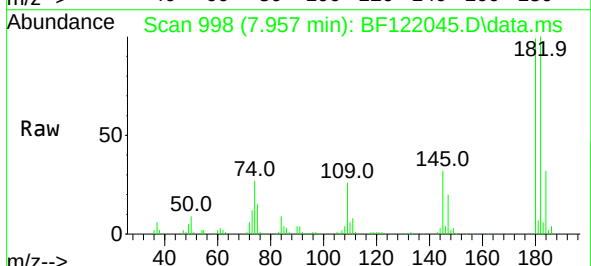
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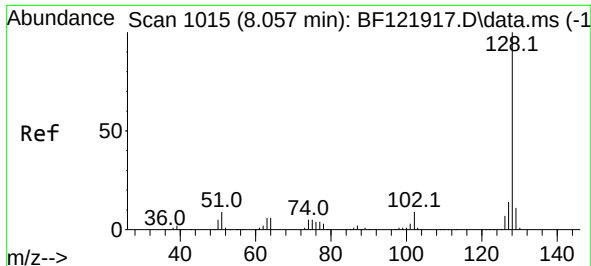
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#30  
1,2,4-Trichlorobenzene  
Concen: 39.03 ng  
RT: 7.957 min Scan# 998  
Delta R.T. 0.000 min  
Lab File: BF122045.D  
Acq: 21 Oct 2020 9:47

Tgt Ion:180 Resp: 317300  
Ion Ratio Lower Upper  
180 100  
182 101.0 79.4 119.2  
145 32.3 25.5 38.3





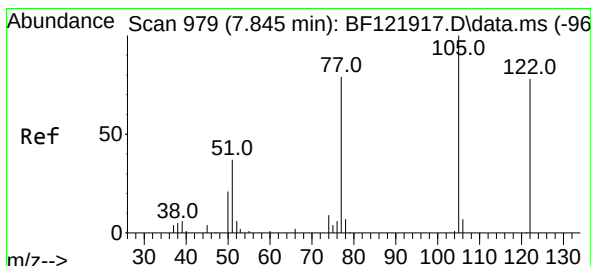
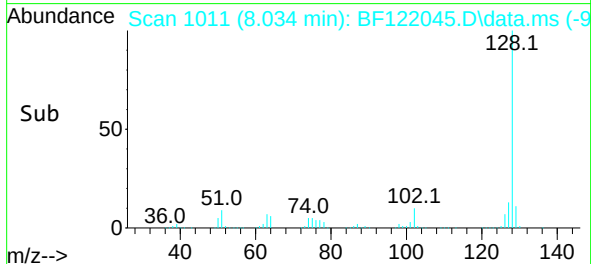
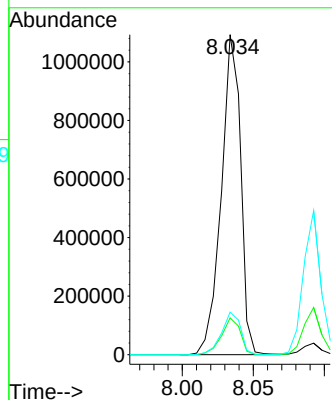
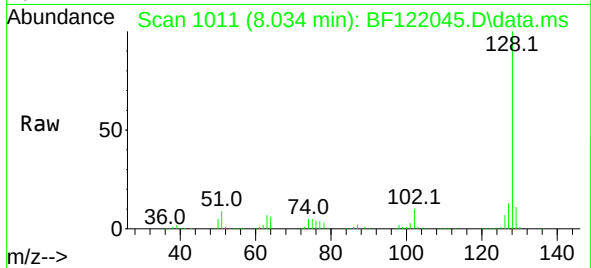
#31  
Naphthalene  
Concen: 38.71 ng  
RT: 8.034 min Scan# 1011  
Delta R.T. 0.000 min  
Lab File: BF122045.D  
Acq: 21 Oct 2020 9:47

Tgt Ion:128 Resp: 1034717  
Ion Ratio Lower Upper  
128 100  
129 11.5 8.7 13.1  
127 13.3 10.8 16.2

Instrument :  
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ClientSampleId :  
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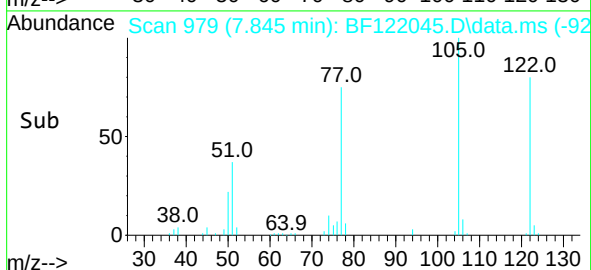
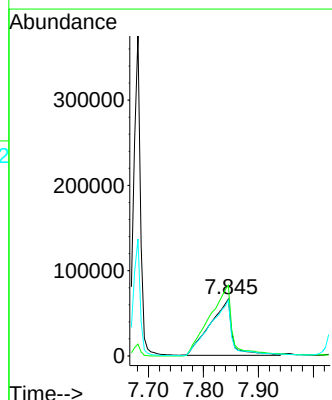
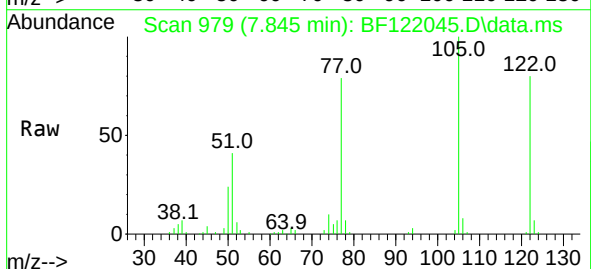
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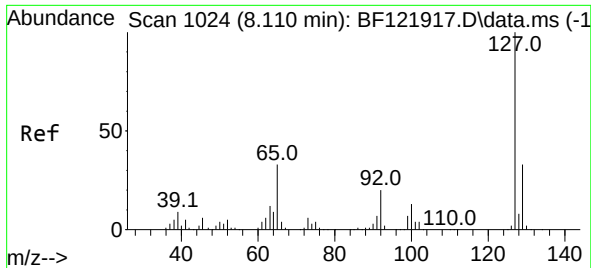
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#32  
Benzoic acid  
Concen: 41.47 ng  
RT: 7.845 min Scan# 979  
Delta R.T. 0.000 min  
Lab File: BF122045.D  
Acq: 21 Oct 2020 9:47

Tgt Ion:122 Resp: 187708  
Ion Ratio Lower Upper  
122 100  
105 124.4 103.3 143.3  
77 98.2 73.9 113.9





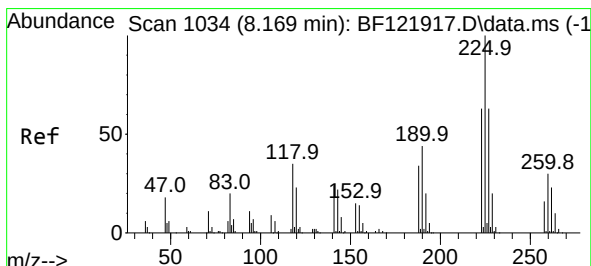
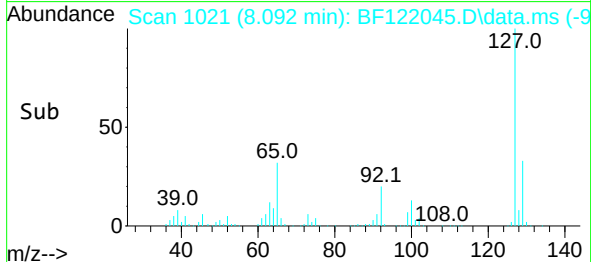
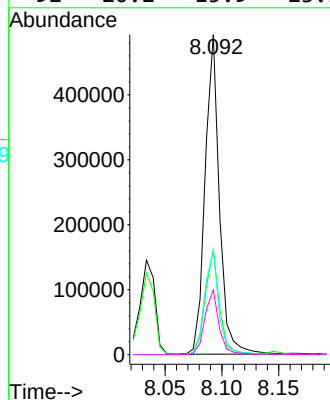
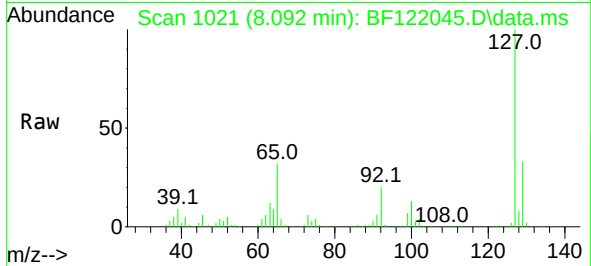
#33  
4-Chloroaniline  
Concen: 37.84 ng  
RT: 8.092 min Scan# 1021  
Delta R.T. 0.000 min  
Lab File: BF122045.D  
Acq: 21 Oct 2020 9:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 32.7  | 26.3  | 39.5  |
| 65      | 32.3  | 26.2  | 39.2  |
| 92      | 20.2  | 15.9  | 23.9  |

Instrument :  
BNA\_F  
ClientSampleId :  
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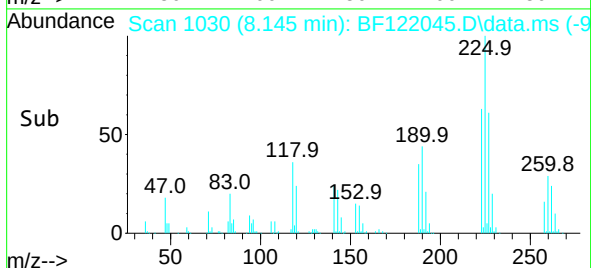
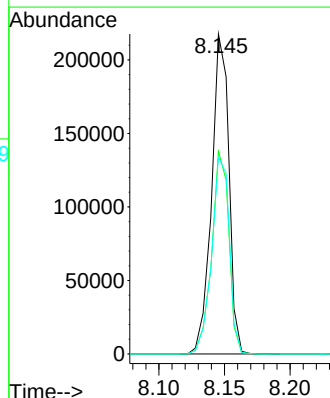
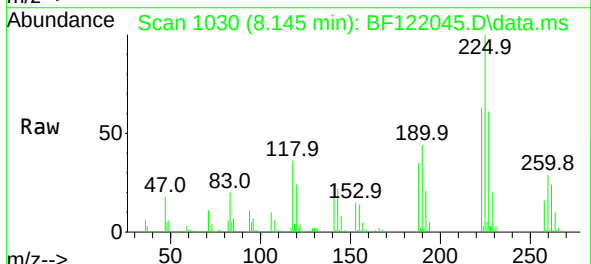
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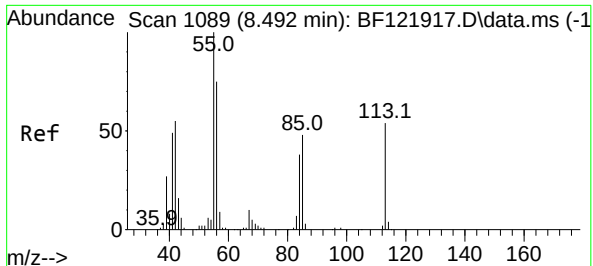
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#34  
Hexachlorobutadiene  
Concen: 41.30 ng  
RT: 8.145 min Scan# 1030  
Delta R.T. 0.000 min  
Lab File: BF122045.D  
Acq: 21 Oct 2020 9:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 63.3  | 51.1  | 76.7  |
| 227     | 61.4  | 51.0  | 76.6  |





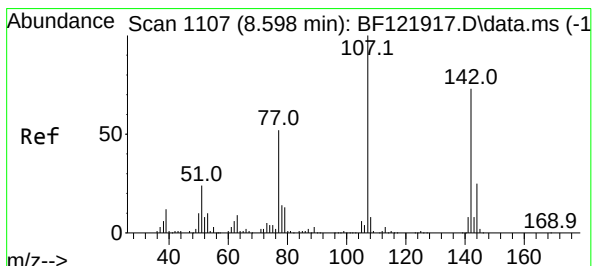
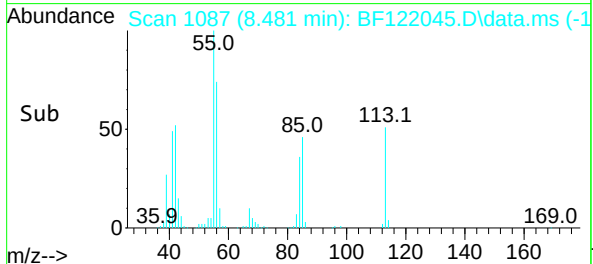
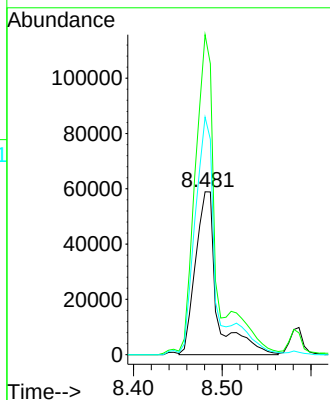
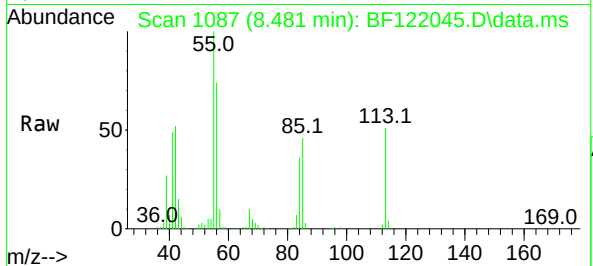
#35  
Caprolactam  
Concen: 41.15 ng m  
RT: 8.481 min Scan# 1087  
Delta R.T. 0.000 min  
Lab File: BF122045.D  
Acq: 21 Oct 2020 9:47

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 113   | Resp: | 99908 |
| Ion Ratio | Lower | Upper |       |
| 113       | 100   |       |       |
| 55        | 196.5 | 167.5 | 207.5 |
| 56        | 145.8 | 121.2 | 161.2 |

Instrument :  
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ClientSampleId :  
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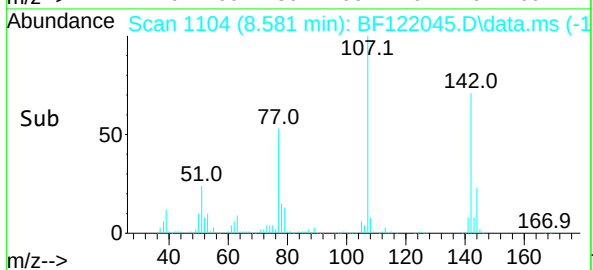
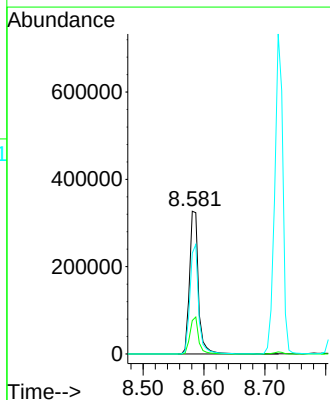
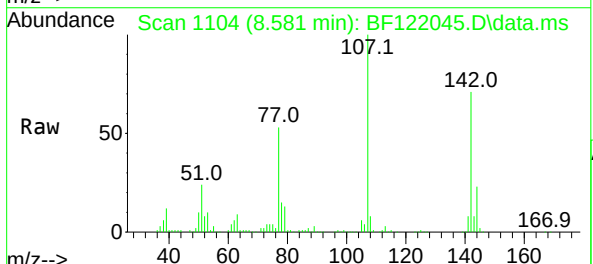
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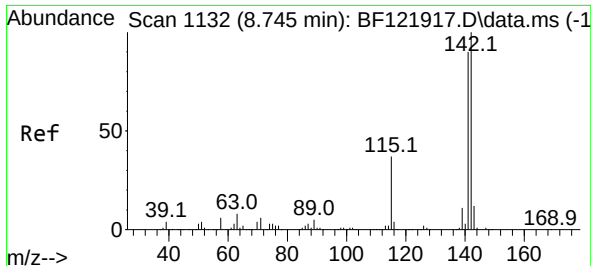
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#36  
4-Chloro-3-methylphenol  
Concen: 40.78 ng  
RT: 8.581 min Scan# 1104  
Delta R.T. 0.000 min  
Lab File: BF122045.D  
Acq: 21 Oct 2020 9:47

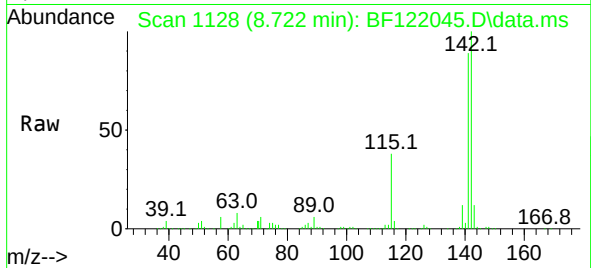
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 334848 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 144       | 23.4  | 20.1  | 30.1   |
| 142       | 70.7  | 59.3  | 88.9   |





#37  
2-Methylnaphthalene  
Concen: 39.08 ng  
RT: 8.722 min Scan# 1128  
Delta R.T. 0.000 min  
Lab File: BF122045.D  
Acq: 21 Oct 2020 9:47

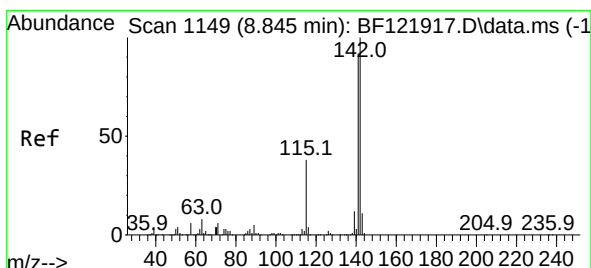
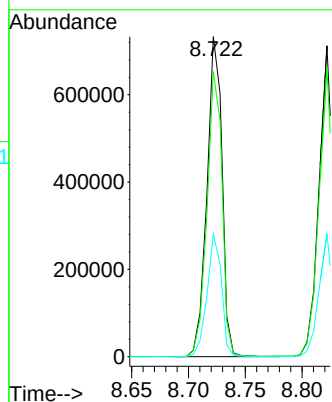
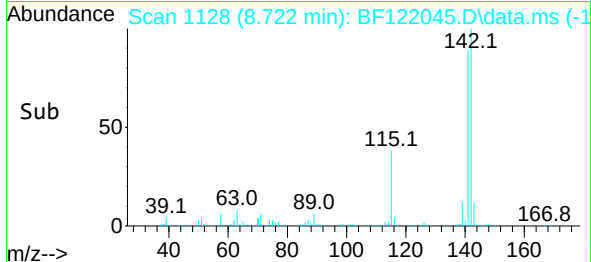
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



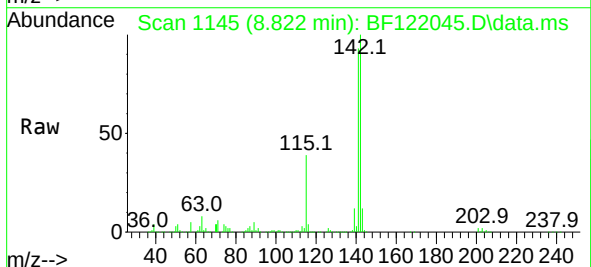
Tgt Ion:142 Resp: 676648  
Ion Ratio Lower Upper  
142 100  
141 89.1 70.2 105.4  
115 38.3 28.6 43.0

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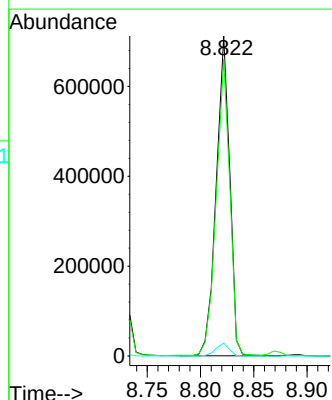
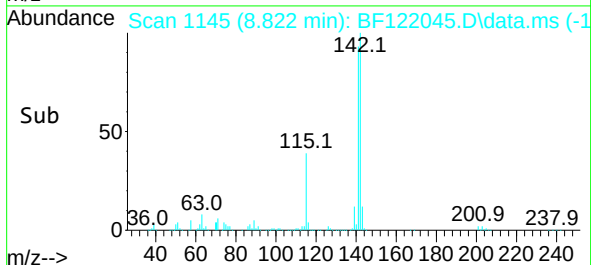
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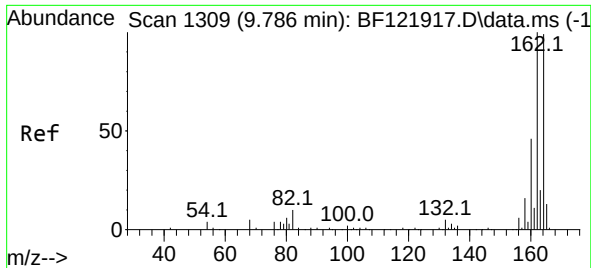


#38  
1-Methylnaphthalene  
Concen: 39.07 ng  
RT: 8.822 min Scan# 1145  
Delta R.T. 0.000 min  
Lab File: BF122045.D  
Acq: 21 Oct 2020 9:47



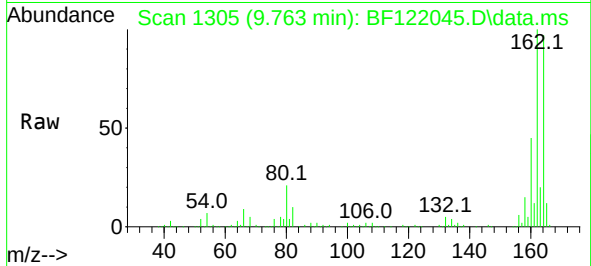
Tgt Ion:142 Resp: 626353  
Ion Ratio Lower Upper  
142 100  
141 92.7 74.5 111.7  
116 4.0 3.2 4.8





#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.763 min Scan# 1305  
Delta R.T. 0.000 min  
Lab File: BF122045.D  
Acq: 21 Oct 2020 9:47

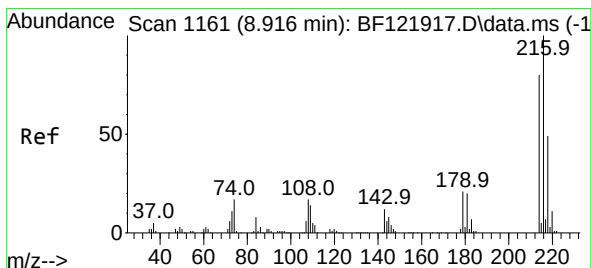
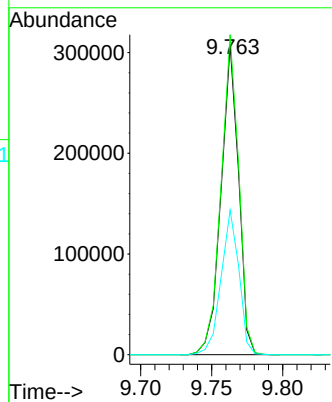
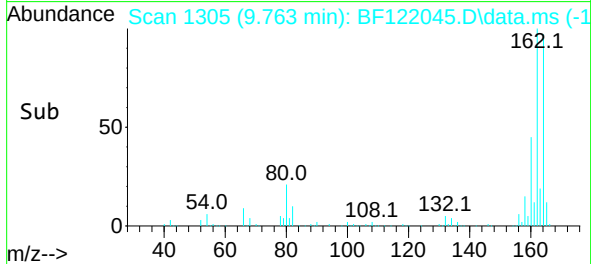
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



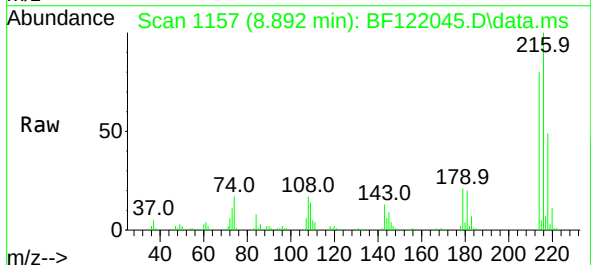
Tgt Ion:164 Resp: 264869  
Ion Ratio Lower Upper  
164 100  
162 103.3 83.2 124.8  
160 46.7 37.5 56.3

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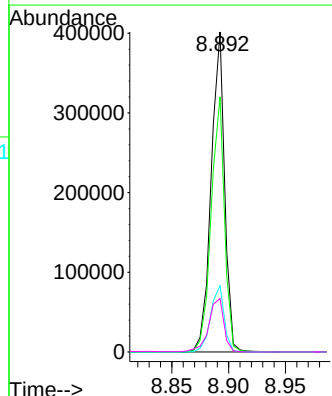
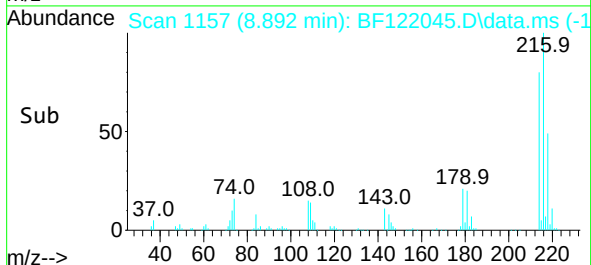
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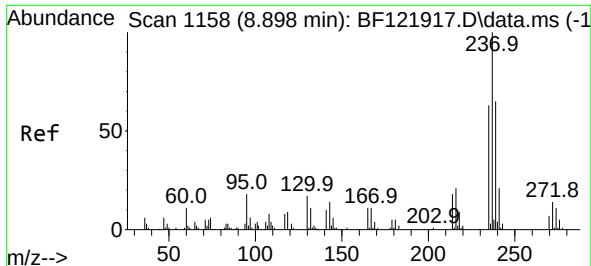


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 38.56 ng  
RT: 8.892 min Scan# 1157  
Delta R.T. 0.000 min  
Lab File: BF122045.D  
Acq: 21 Oct 2020 9:47



Tgt Ion:216 Resp: 329634  
Ion Ratio Lower Upper  
216 100  
214 79.4 63.4 95.2  
179 20.9 17.0 25.6  
108 18.9 15.5 23.3





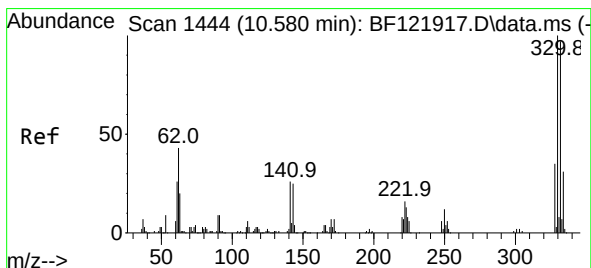
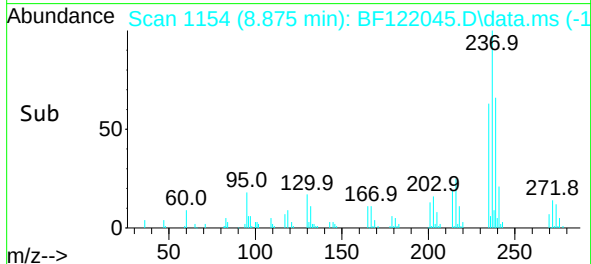
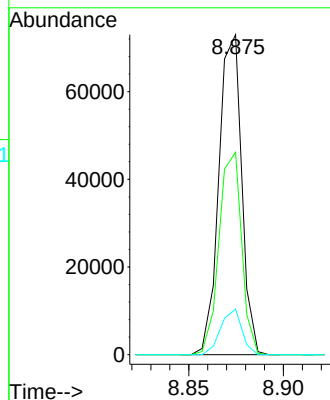
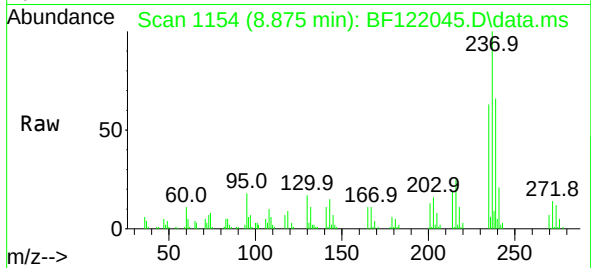
#41  
Hexachlorocyclopentadiene  
Concen: 37.07 ng  
RT: 8.875 min Scan# 1154  
Delta R.T. 0.000 min  
Lab File: BF122045.D  
Acq: 21 Oct 2020 9:47

Tgt Ion: 237 Resp: 61155  
Ion Ratio Lower Upper  
237 100  
235 63.3 41.8 81.8  
272 14.2 0.0 33.5

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

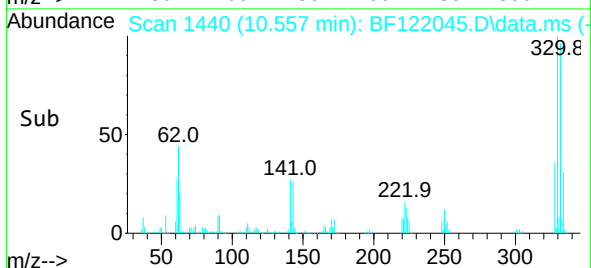
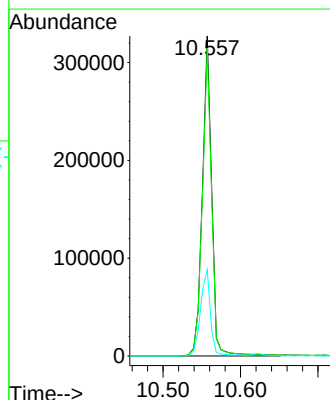
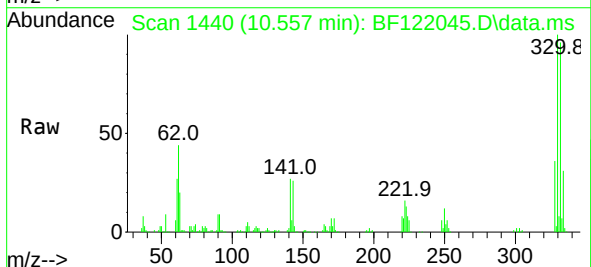
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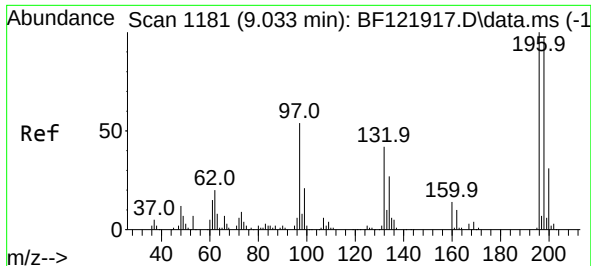


#42  
2,4,6-Tribromophenol  
Concen: 83.55 ng  
RT: 10.557 min Scan# 1440  
Delta R.T. 0.000 min  
Lab File: BF122045.D  
Acq: 21 Oct 2020 9:47

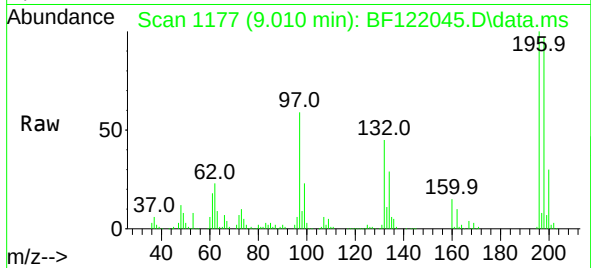
Tgt Ion: 330 Resp: 273761  
Ion Ratio Lower Upper  
330 100  
332 96.6 77.3 115.9  
141 28.8 22.3 33.5



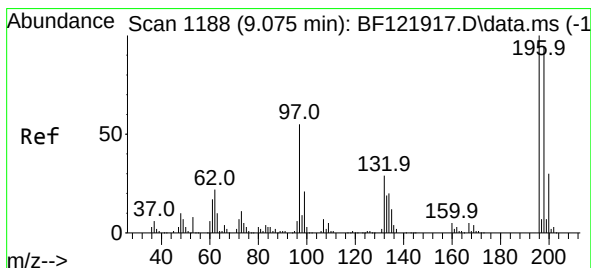
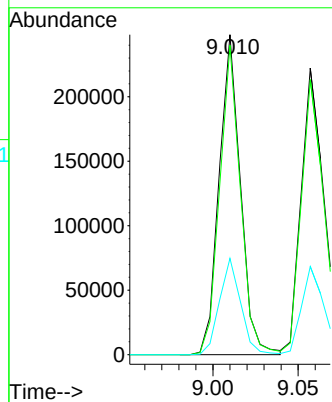
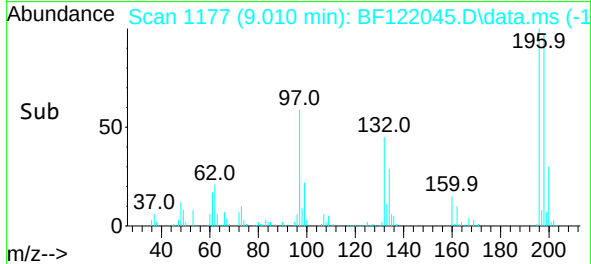




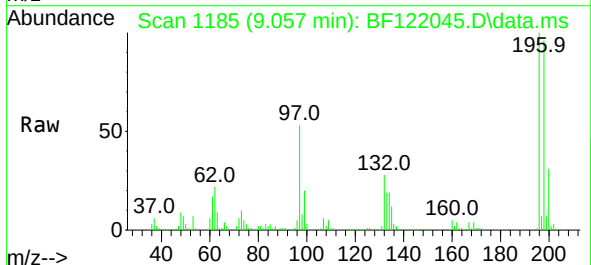
#43  
2,4,6-Trichlorophenol  
Concen: 40.95 ng  
RT: 9.010 min Scan# 1177  
Delta R.T. 0.000 min  
Lab File: BF122045.D  
Acq: 21 Oct 2020 9:47



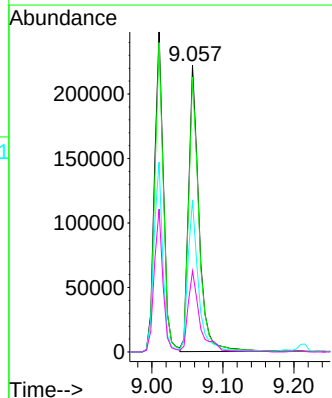
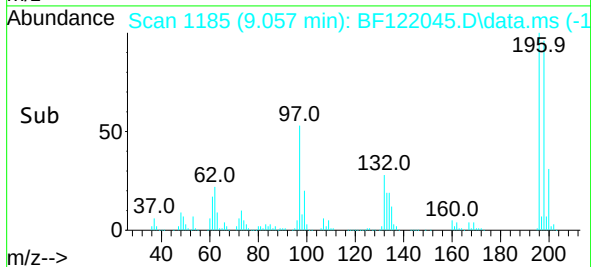
Tgt Ion:196 Resp: 215978  
Ion Ratio Lower Upper  
196 100  
198 96.7 75.8 113.6  
200 30.1 24.6 36.8



#44  
2,4,5-Trichlorophenol  
Concen: 39.59 ng  
RT: 9.057 min Scan# 1185  
Delta R.T. 0.000 min  
Lab File: BF122045.D  
Acq: 21 Oct 2020 9:47



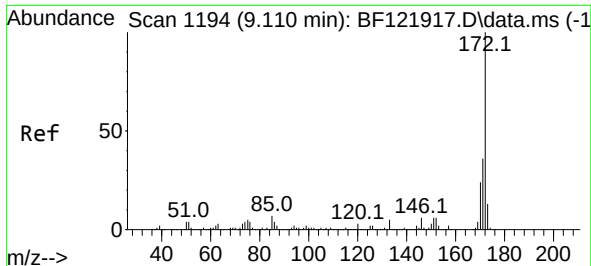
Tgt Ion:196 Resp: 225496  
Ion Ratio Lower Upper  
196 100  
198 96.0 76.1 114.1  
97 53.0 41.0 61.6  
132 28.2 22.4 33.6



Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

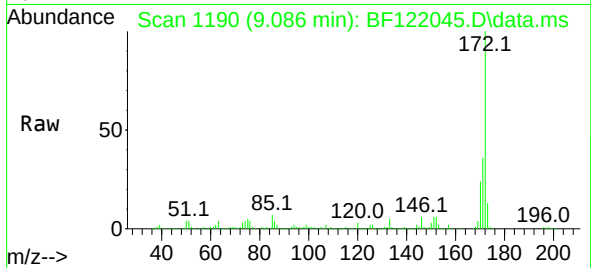
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#45  
2-Fluorobiphenyl  
Concen: 75.35 ng  
RT: 9.086 min Scan# 1190  
Delta R.T. 0.000 min  
Lab File: BF122045.D  
Acq: 21 Oct 2020 9:47

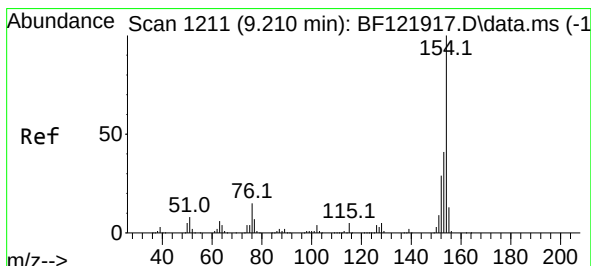
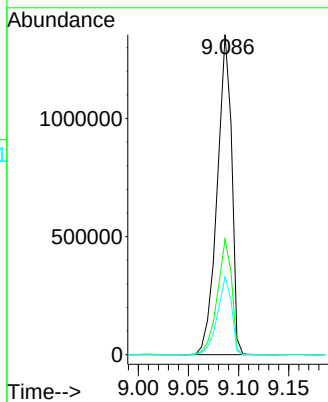
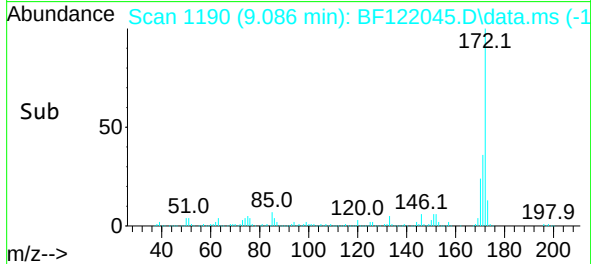
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



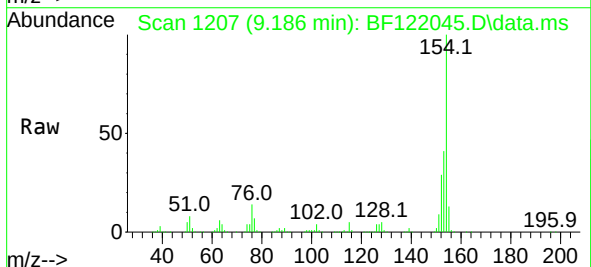
Tgt Ion:172 Resp: 1356458  
Ion Ratio Lower Upper  
172 100  
171 36.1 29.1 43.7  
170 24.4 19.8 29.6

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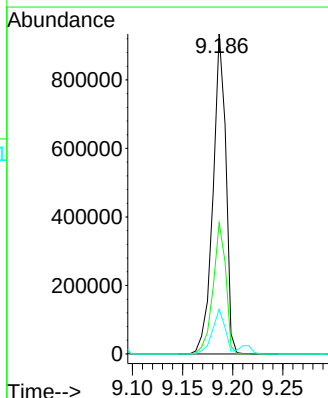
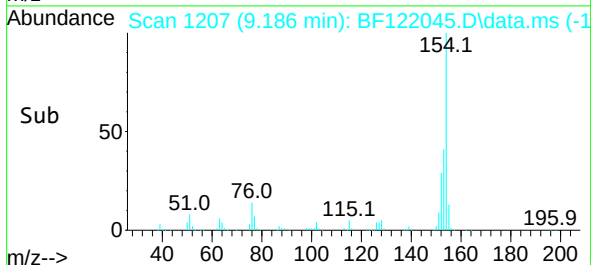
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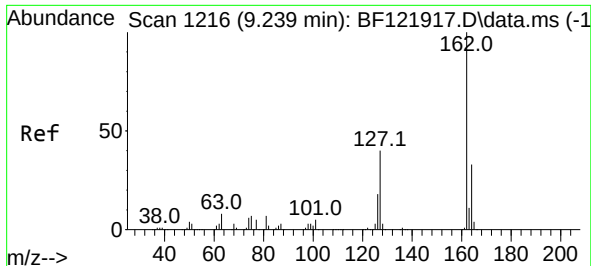


#46  
1,1'-Biphenyl  
Concen: 38.67 ng  
RT: 9.186 min Scan# 1207  
Delta R.T. 0.000 min  
Lab File: BF122045.D  
Acq: 21 Oct 2020 9:47



Tgt Ion:154 Resp: 832744  
Ion Ratio Lower Upper  
154 100  
153 41.0 21.3 61.3  
76 14.0 0.0 34.7





#47

2-Chloronaphthalene

Concen: 38.19 ng

RT: 9.216 min Scan# 1212

Delta R.T. 0.000 min

Lab File: BF122045.D

Acq: 21 Oct 2020 9:47

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 639606 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 41.9  | 34.4  | 51.6   |
| 164       | 33.1  | 26.3  | 39.5   |

Instrument :

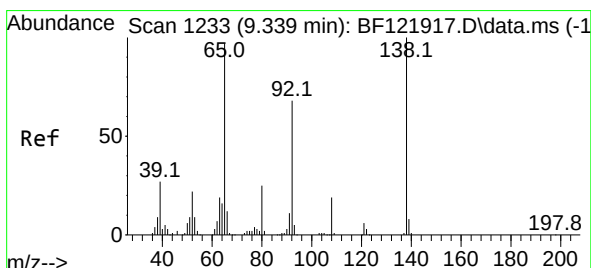
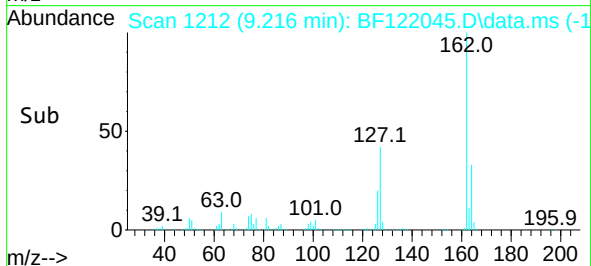
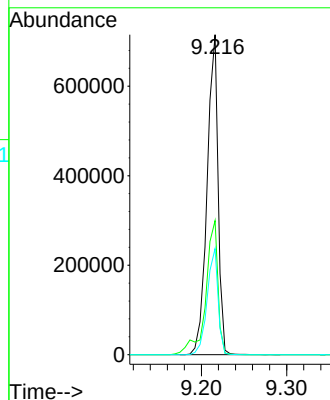
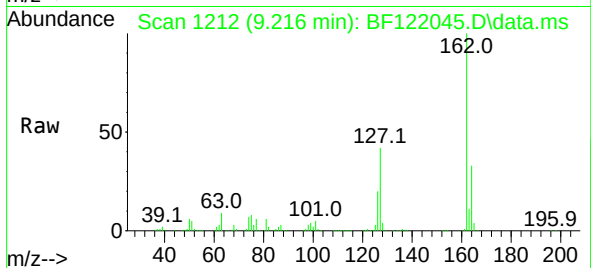
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ClientSampleId :

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#48

2-Nitroaniline

Concen: 39.65 ng

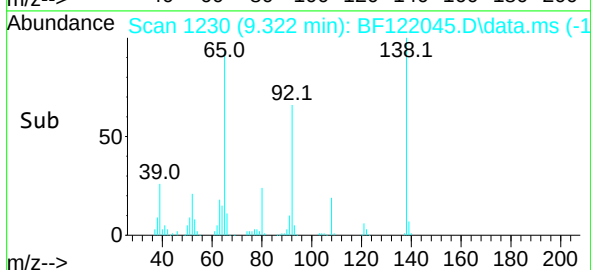
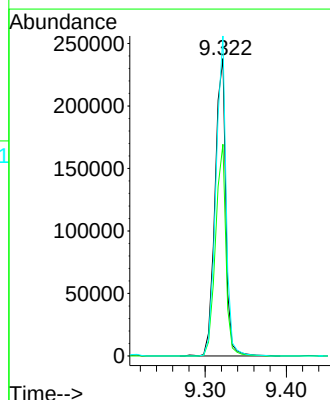
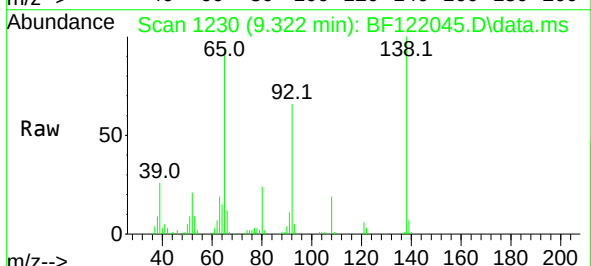
RT: 9.322 min Scan# 1230

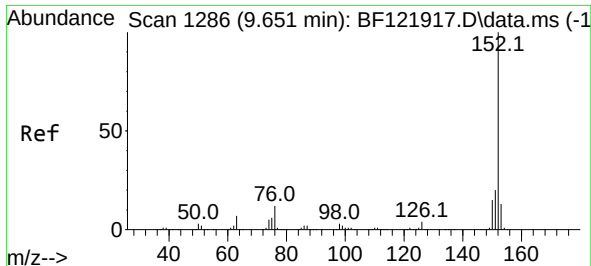
Delta R.T. 0.000 min

Lab File: BF122045.D

Acq: 21 Oct 2020 9:47

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 65    | Resp: | 219058 |
| Ion Ratio | Lower | Upper |        |
| 65        | 100   |       |        |
| 92        | 71.1  | 55.1  | 82.7   |
| 138       | 107.6 | 80.5  | 120.7  |





#49

Acenaphthylene

Concen: 37.38 ng

RT: 9.628 min Scan# 1282

Delta R.T. 0.000 min

Lab File: BF122045.D

Acq: 21 Oct 2020 9:47

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 961508 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 20.5  | 16.4  | 24.6   |
| 153       | 13.1  | 10.6  | 15.8   |

Instrument :

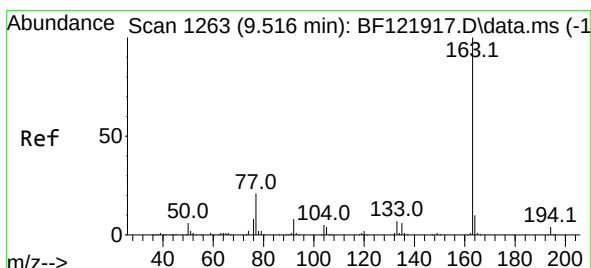
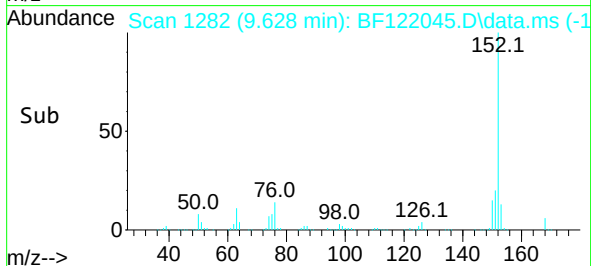
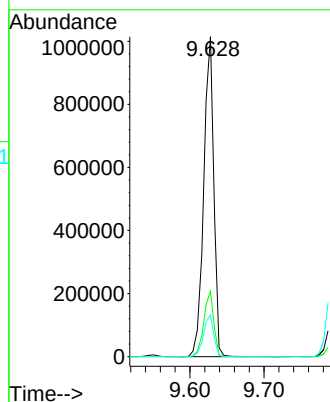
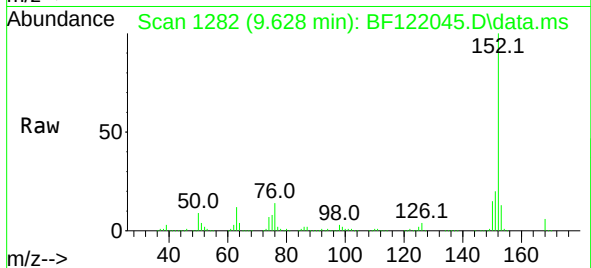
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ClientSampleId :

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#50

Dimethylphthalate

Concen: 40.04 ng

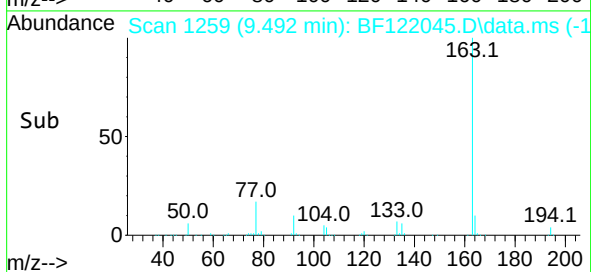
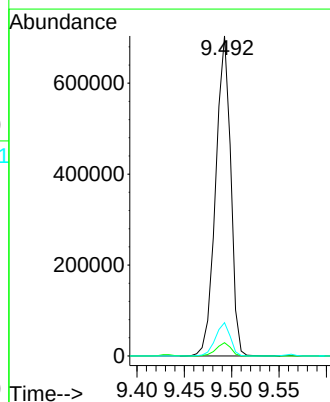
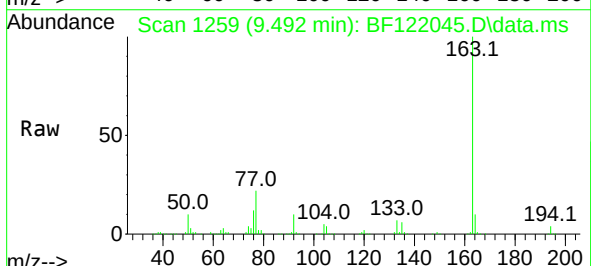
RT: 9.492 min Scan# 1259

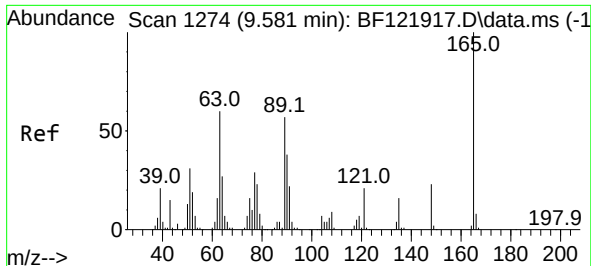
Delta R.T. 0.000 min

Lab File: BF122045.D

Acq: 21 Oct 2020 9:47

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 775456 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 4.1   | 3.3   | 4.9    |
| 164       | 10.4  | 8.2   | 12.4   |





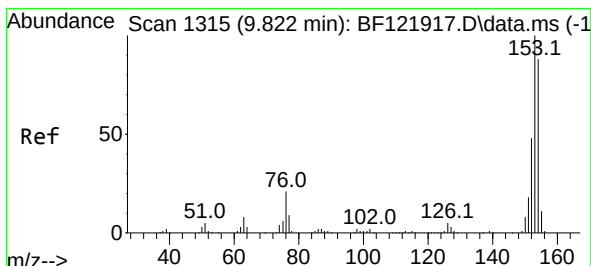
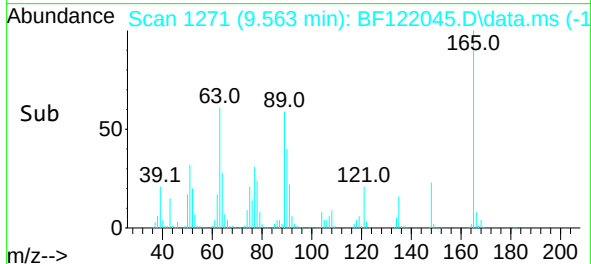
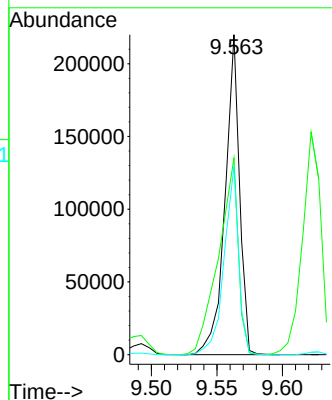
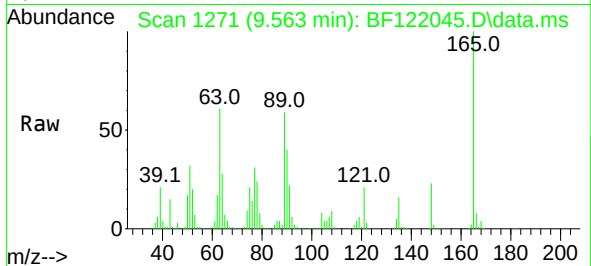
#51  
2,6-Dinitrotoluene  
Concen: 39.72 ng  
RT: 9.563 min Scan# 1271  
Delta R.T. 0.000 min  
Lab File: BF122045.D  
Acq: 21 Oct 2020 9:47

Tgt Ion:165 Resp: 168742  
Ion Ratio Lower Upper  
165 100  
63 61.4 51.8 77.6  
89 58.8 49.0 73.6

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

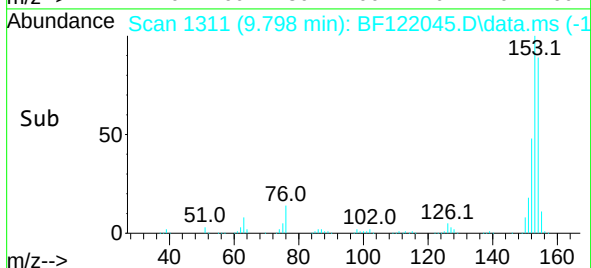
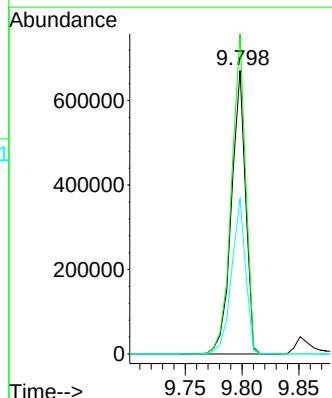
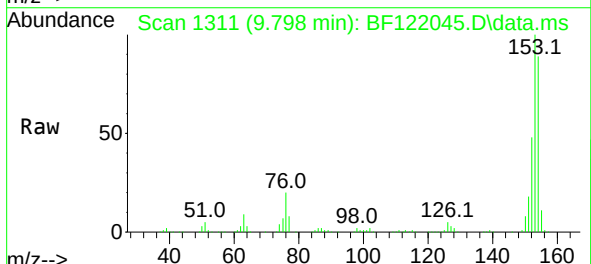
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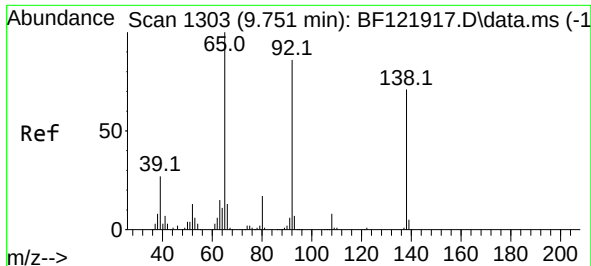
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#52  
Acenaphthene  
Concen: 38.15 ng  
RT: 9.798 min Scan# 1311  
Delta R.T. 0.000 min  
Lab File: BF122045.D  
Acq: 21 Oct 2020 9:47

Tgt Ion:154 Resp: 583780  
Ion Ratio Lower Upper  
154 100  
153 112.8 89.8 134.8  
152 54.7 43.2 64.8





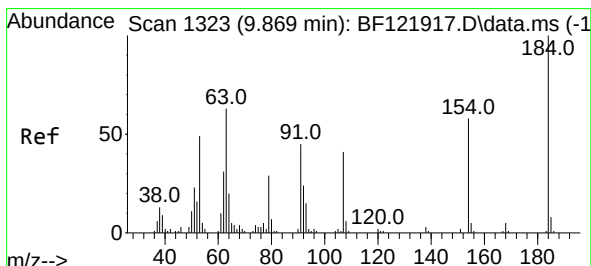
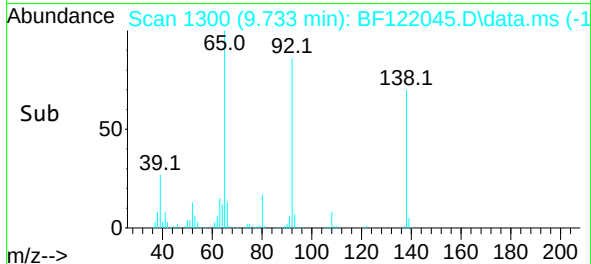
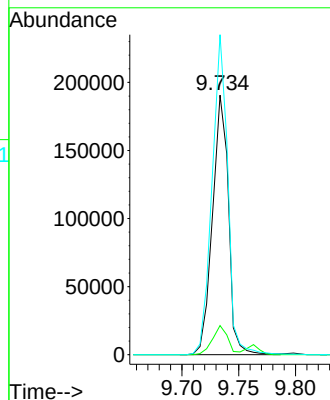
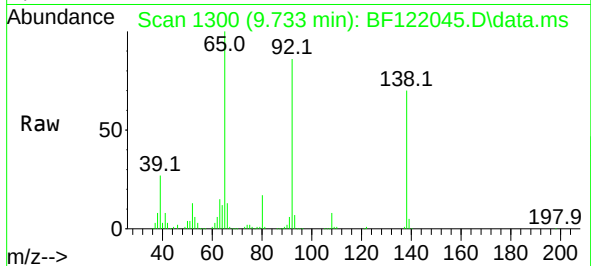
#53  
3-Nitroaniline  
Concen: 38.60 ng  
RT: 9.733 min Scan# 1300  
Delta R.T. 0.000 min  
Lab File: BF122045.D  
Acq: 21 Oct 2020 9:47

Tgt Ion:138 Resp: 186508  
Ion Ratio Lower Upper  
138 100  
108 11.2 8.6 13.0  
92 123.3 96.6 144.8

Instrument :  
BNA\_F  
ClientSampleId :  
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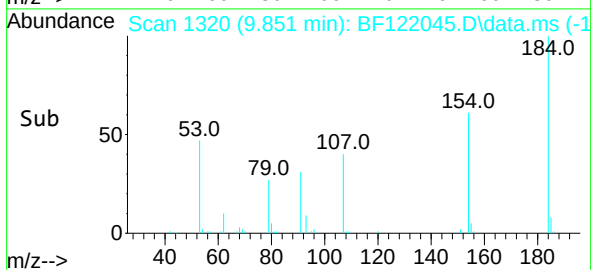
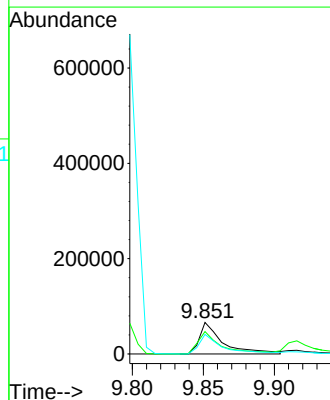
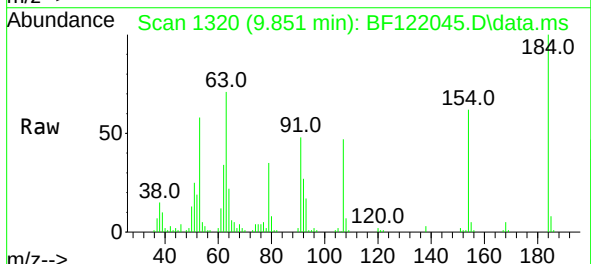
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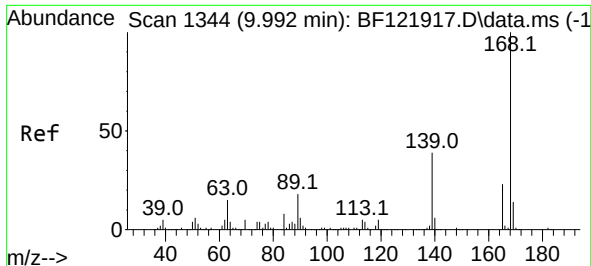
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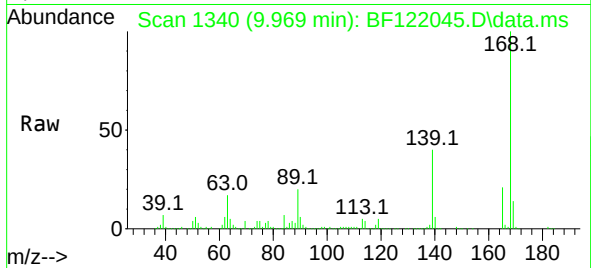
#54  
2,4-Dinitrophenol  
Concen: 39.84 ng  
RT: 9.851 min Scan# 1320  
Delta R.T. 0.000 min  
Lab File: BF122045.D  
Acq: 21 Oct 2020 9:47

Tgt Ion:184 Resp: 75777  
Ion Ratio Lower Upper  
184 100  
63 71.3 45.9 68.9#  
154 61.9 45.8 68.6

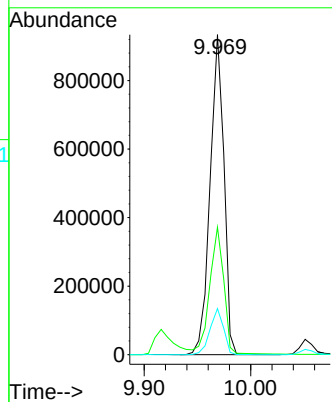
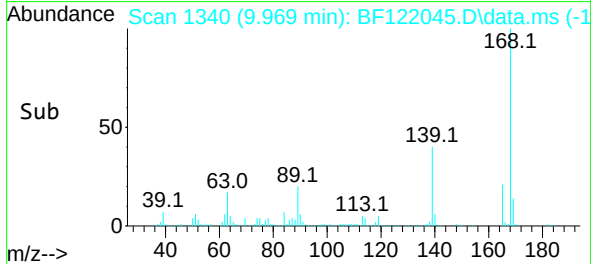




#55  
Dibenzofuran  
Concen: 37.75 ng  
RT: 9.969 min Scan# 1340  
Delta R.T. 0.000 min  
Lab File: BF122045.D  
Acq: 21 Oct 2020 9:47



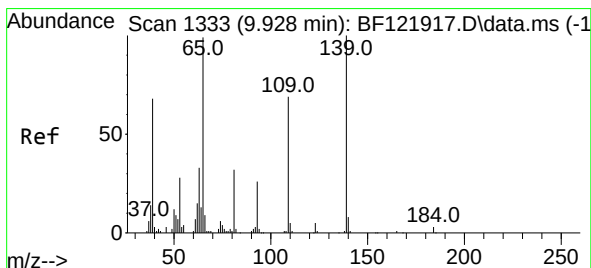
Tgt Ion:168 Resp: 844643  
Ion Ratio Lower Upper  
168 100  
139 39.8 31.0 46.6  
169 14.4 11.3 16.9



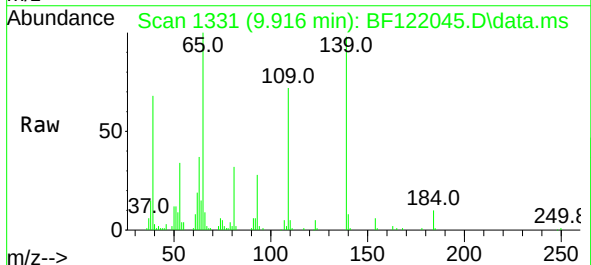
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

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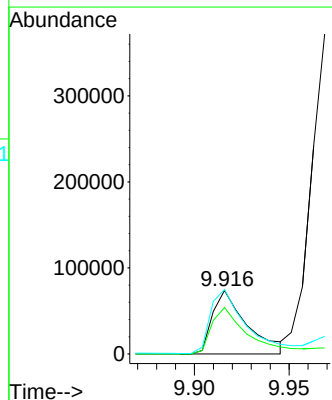
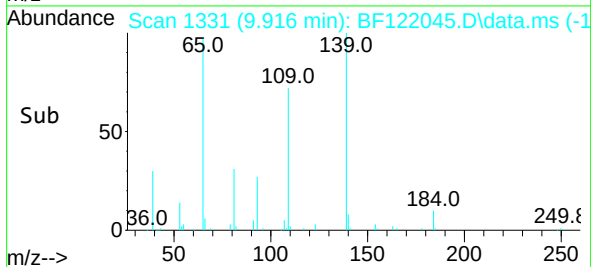
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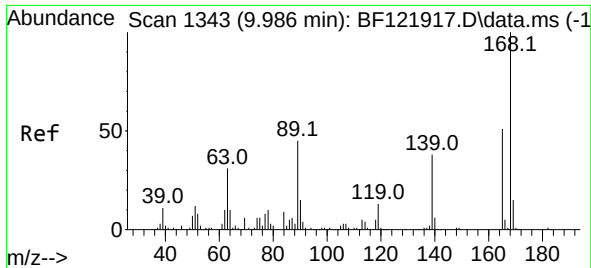


#56  
4-Nitrophenol  
Concen: 35.43 ng  
RT: 9.916 min Scan# 1331  
Delta R.T. 0.000 min  
Lab File: BF122045.D  
Acq: 21 Oct 2020 9:47



Tgt Ion:139 Resp: 93123  
Ion Ratio Lower Upper  
139 100  
109 73.2 45.4 85.4  
65 101.6 68.4 108.4





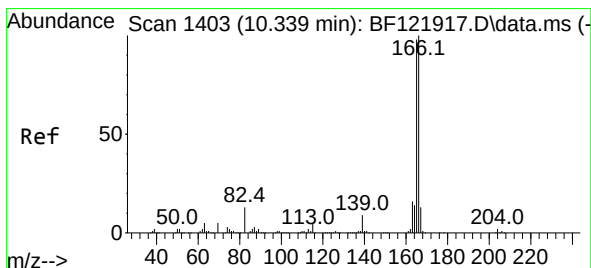
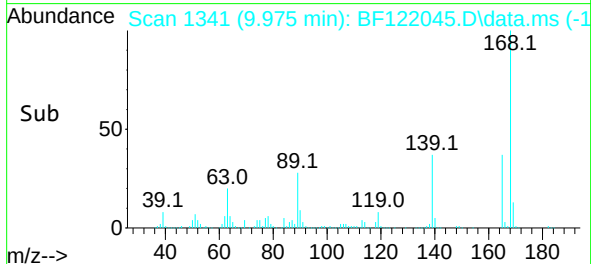
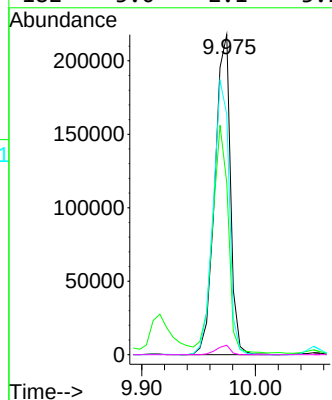
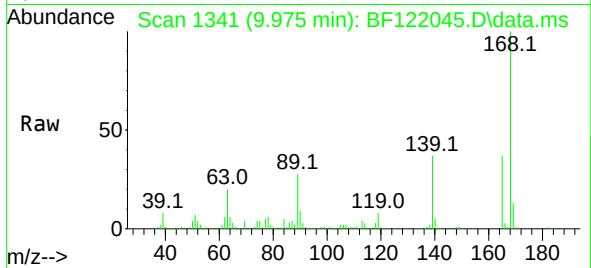
#57  
2,4-Dinitrotoluene  
Concen: 39.54 ng  
RT: 9.975 min Scan# 1341  
Delta R.T. 0.000 min  
Lab File: BF122045.D  
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|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 165   | Resp: | 206824 |
| Ion Ratio | Lower | Upper |        |
| 165       | 100   |       |        |
| 63        | 53.7  | 41.3  | 61.9   |
| 89        | 75.1  | 61.8  | 92.8   |
| 182       | 3.0   | 2.1   | 3.1    |

Instrument :  
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ClientSampleId :  
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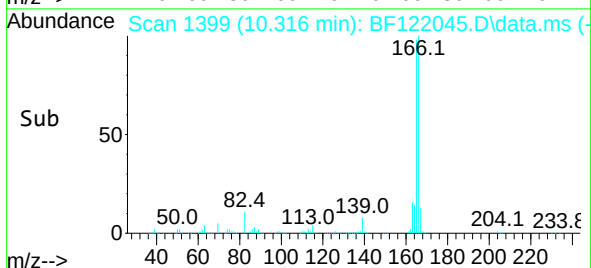
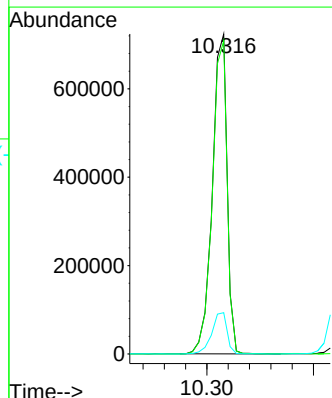
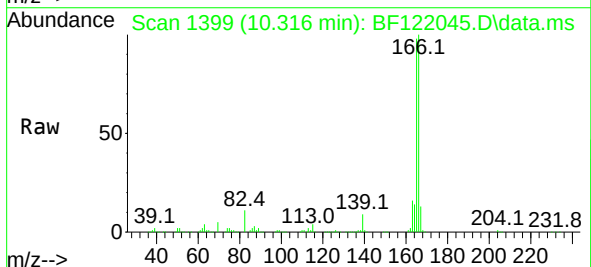
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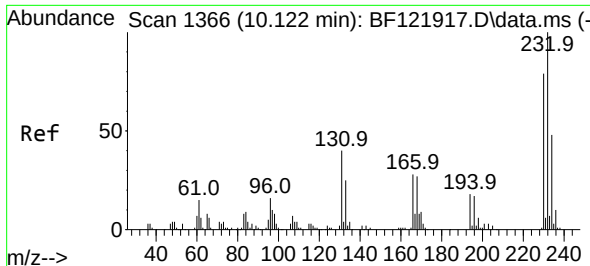


#58  
Fluorene  
Concen: 38.57 ng  
RT: 10.316 min Scan# 1399  
Delta R.T. 0.000 min  
Lab File: BF122045.D  
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|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 166   | Resp: | 695263 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 97.9  | 79.1  | 118.7  |
| 167       | 12.9  | 11.0  | 16.6   |







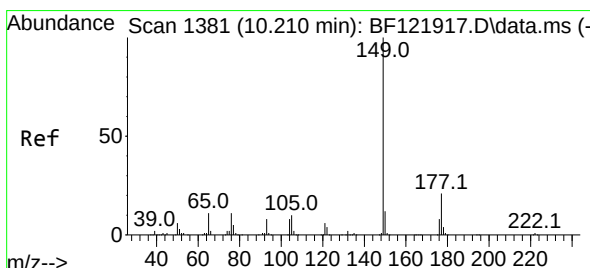
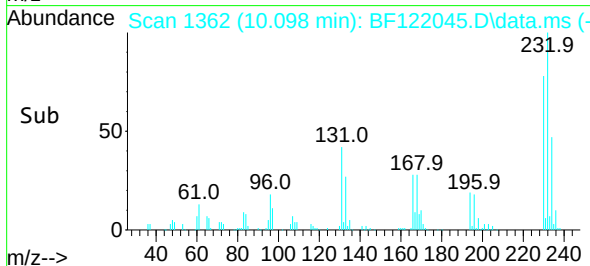
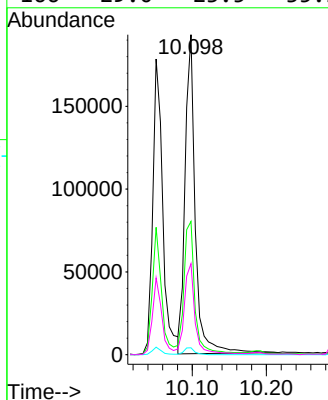
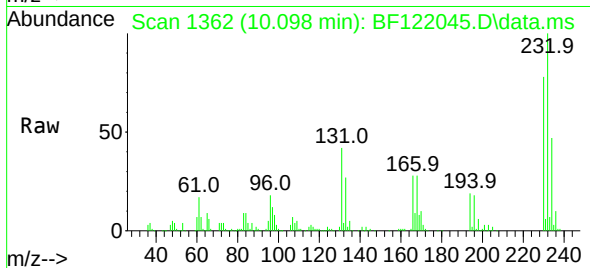
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 42.05 ng  
RT: 10.098 min Scan# 1362  
Delta R.T. 0.000 min  
Lab File: BF122045.D  
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Tgt Ion:232 Resp: 185325  
Ion Ratio Lower Upper  
232 100  
131 45.5 35.9 53.9  
130 2.3 1.8 2.6  
166 29.0 23.5 35.3

Instrument :  
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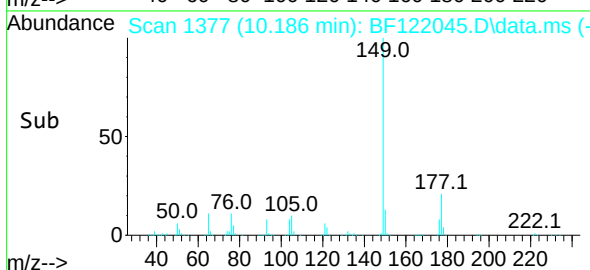
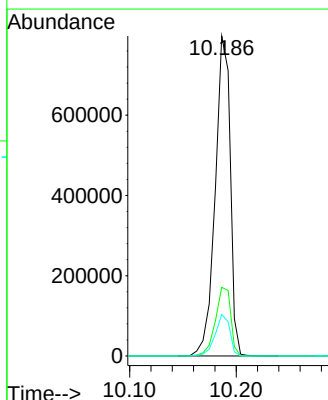
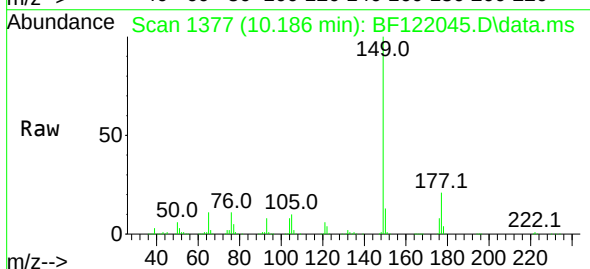
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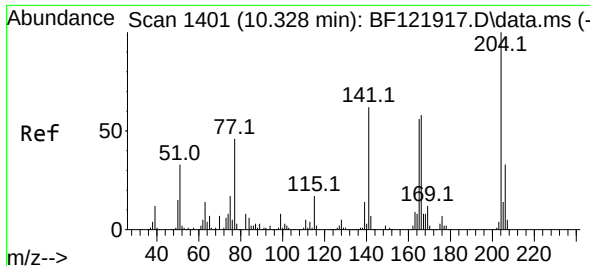
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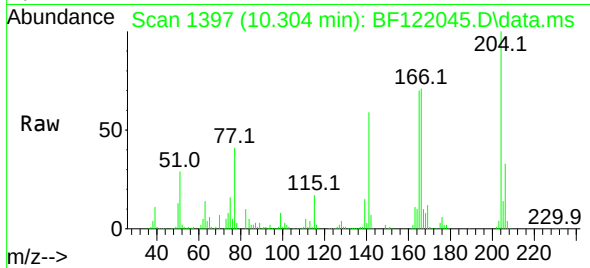
#60  
Diethylphthalate  
Concen: 41.78 ng  
RT: 10.186 min Scan# 1377  
Delta R.T. 0.000 min  
Lab File: BF122045.D  
Acq: 21 Oct 2020 9:47

Tgt Ion:149 Resp: 780358  
Ion Ratio Lower Upper  
149 100  
177 21.4 18.1 27.1  
150 12.9 10.3 15.5

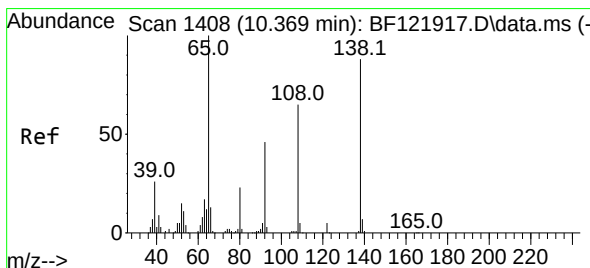
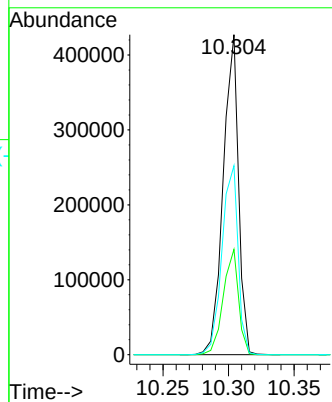
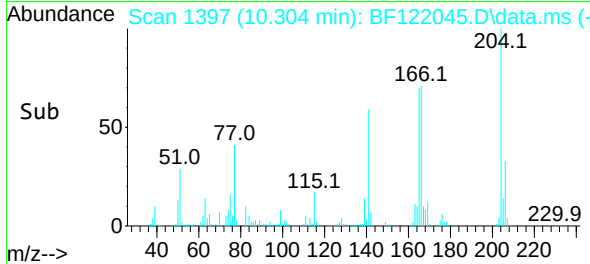




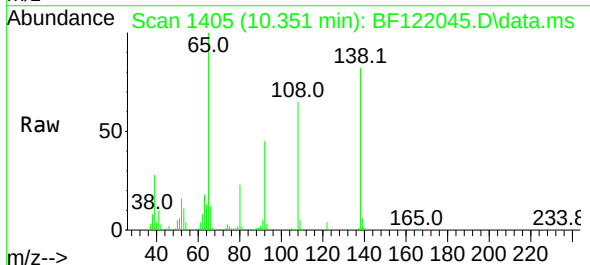
#61  
4-Chlorophenyl-phenylether  
Concen: 40.05 ng  
RT: 10.304 min Scan# 1397  
Delta R.T. 0.000 min  
Lab File: BF122045.D  
Acq: 21 Oct 2020 9:47



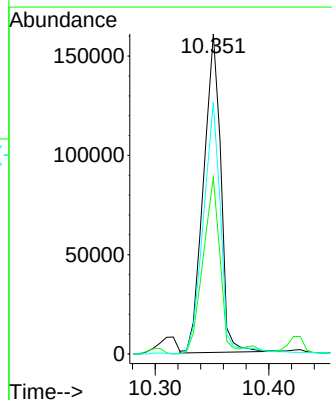
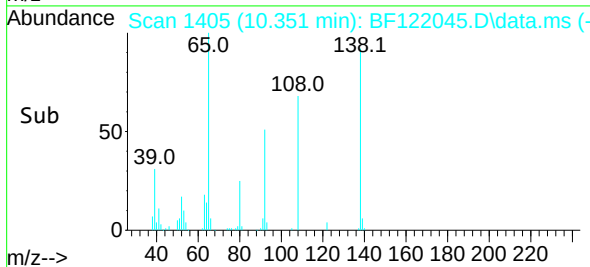
Tgt Ion:204 Resp: 346246  
Ion Ratio Lower Upper  
204 100  
206 32.9 26.0 39.0  
141 59.1 46.2 69.4



#62  
4-Nitroaniline  
Concen: 35.04 ng  
RT: 10.351 min Scan# 1405  
Delta R.T. 0.000 min  
Lab File: BF122045.D  
Acq: 21 Oct 2020 9:47



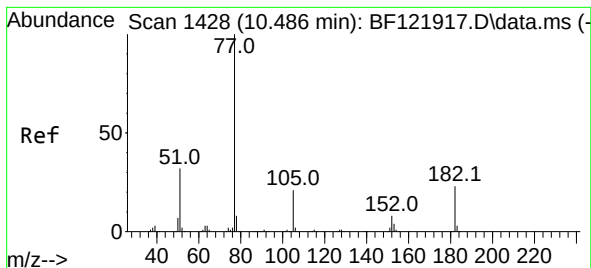
Tgt Ion:138 Resp: 169137  
Ion Ratio Lower Upper  
138 100  
92 55.1 31.0 71.0  
108 78.7 51.5 91.5



Instrument :  
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#63

Azobenzene

Concen: 40.12 ng

RT: 10.463 min Scan# 1424

Delta R.T. 0.000 min

Lab File: BF122045.D

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Tgt Ion: 77 Resp: 792428

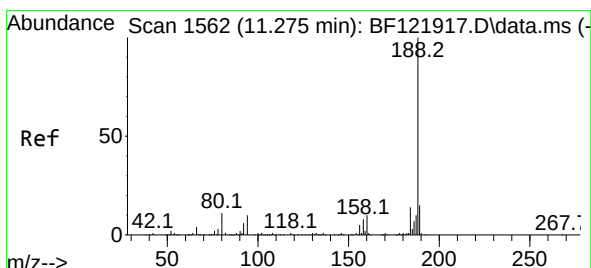
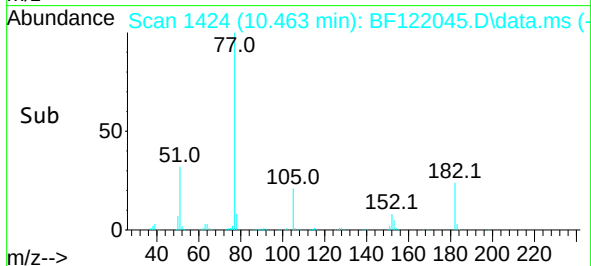
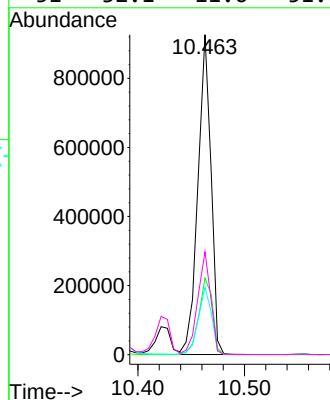
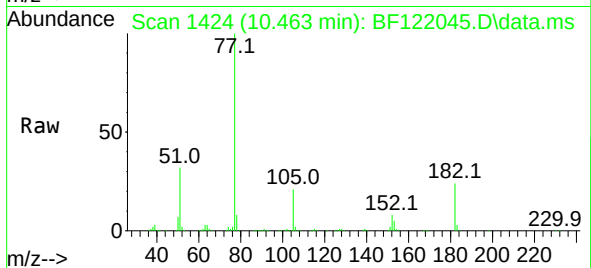
Ion Ratio Lower Upper

77 100

182 24.0 3.4 43.4

105 21.1 1.7 41.7

51 32.1 11.6 51.6



#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.245 min Scan# 1557

Delta R.T. 0.000 min

Lab File: BF122045.D

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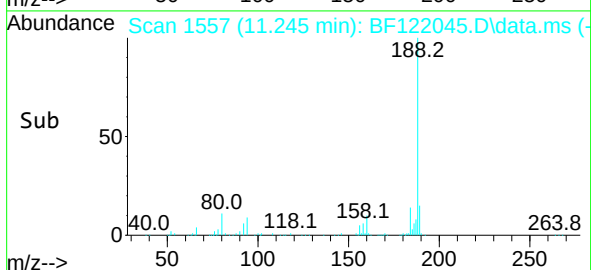
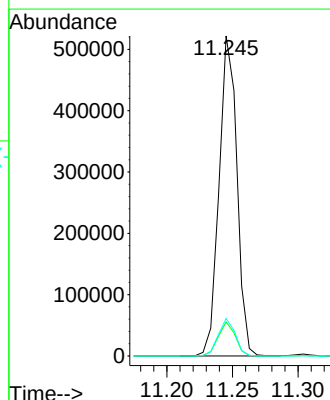
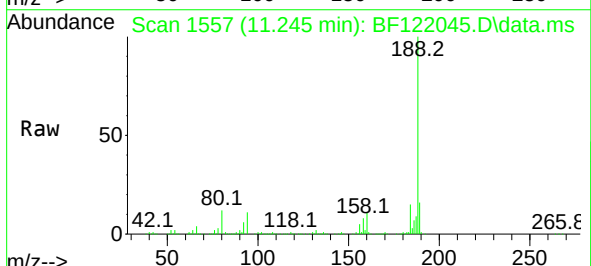
Tgt Ion: 188 Resp: 492724

Ion Ratio Lower Upper

188 100

94 10.7 8.3 12.5

80 11.7 9.1 13.7



Instrument :

BNA\_F

ClientSampleId :

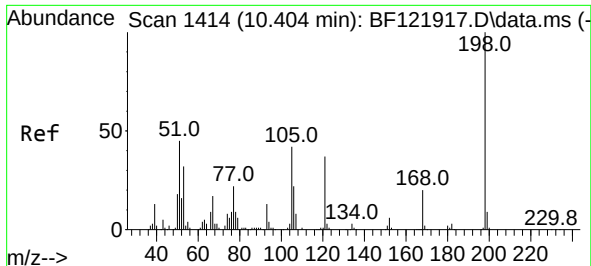
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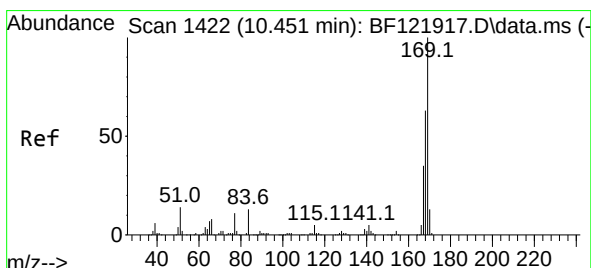
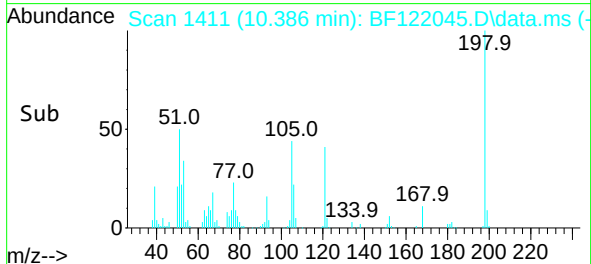
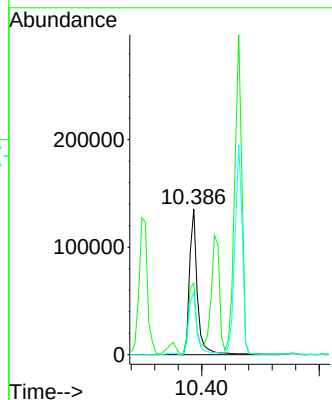
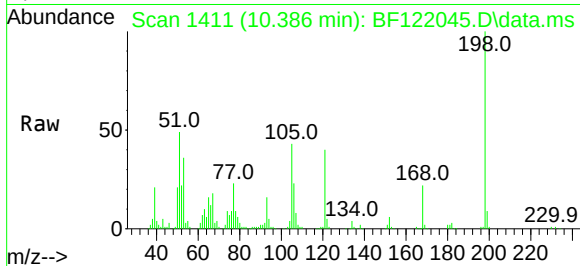
#65  
4,6-Dinitro-2-methylphenol  
Concen: 39.25 ng  
RT: 10.386 min Scan# 1411  
Delta R.T. 0.000 min  
Lab File: BF122045.D  
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Tgt Ion:198 Resp: 126654  
Ion Ratio Lower Upper  
198 100  
51 49.1 29.6 69.6  
105 43.1 24.4 64.4

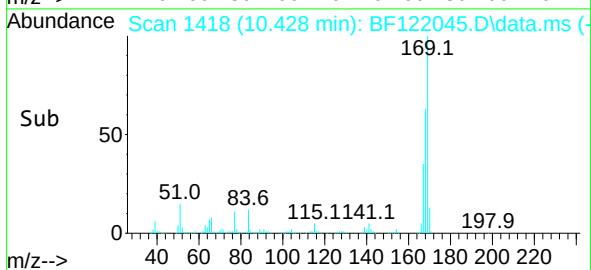
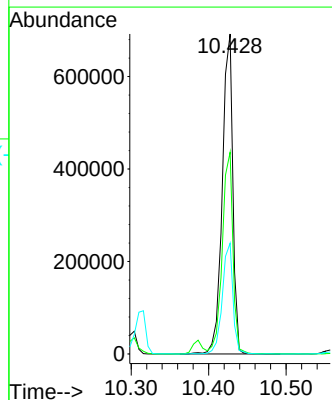
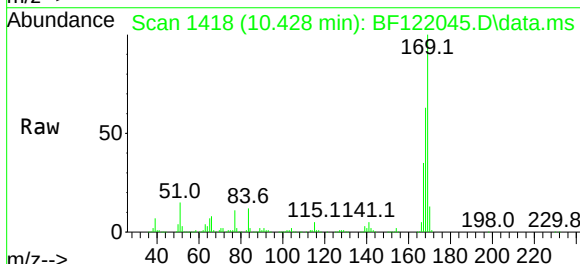
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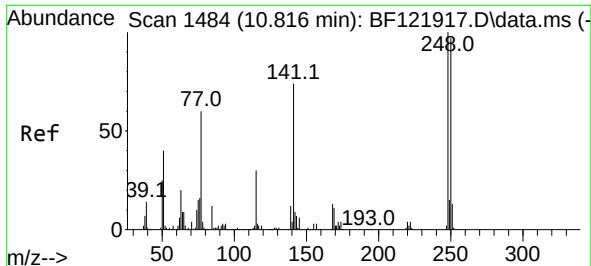
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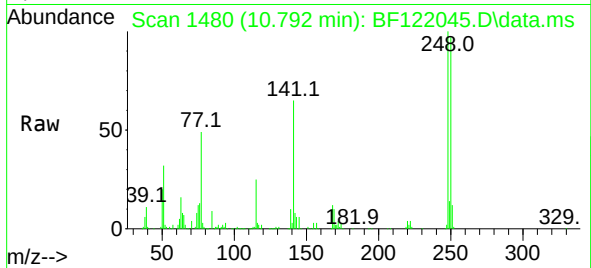
#66  
n-Nitrosodiphenylamine  
Concen: 38.52 ng  
RT: 10.428 min Scan# 1418  
Delta R.T. 0.000 min  
Lab File: BF122045.D  
Acq: 21 Oct 2020 9:47

Tgt Ion:169 Resp: 653854  
Ion Ratio Lower Upper  
169 100  
168 63.1 50.0 75.0  
167 34.6 27.8 41.6

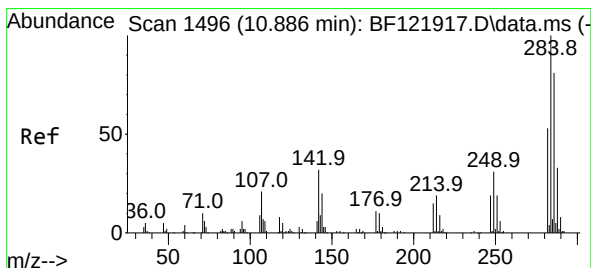
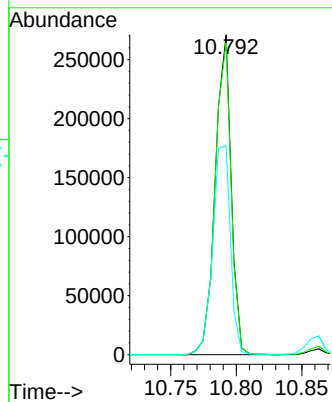
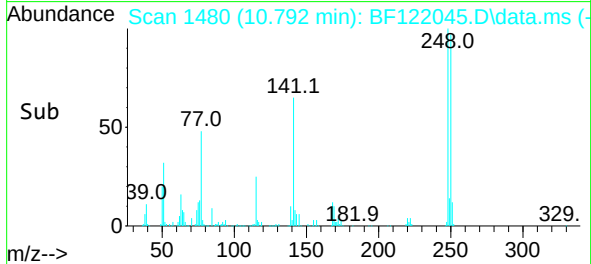




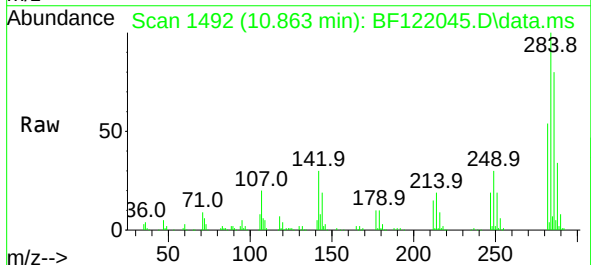
#67  
4-Bromophenyl-phenylether  
Concen: 40.21 ng  
RT: 10.792 min Scan# 1480  
Delta R.T. 0.000 min  
Lab File: BF122045.D  
Acq: 21 Oct 2020 9:47



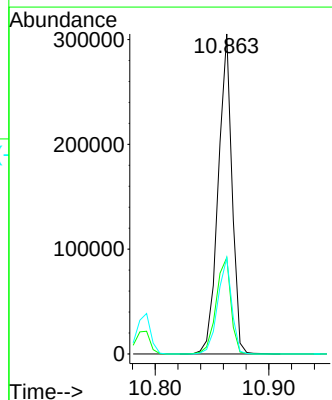
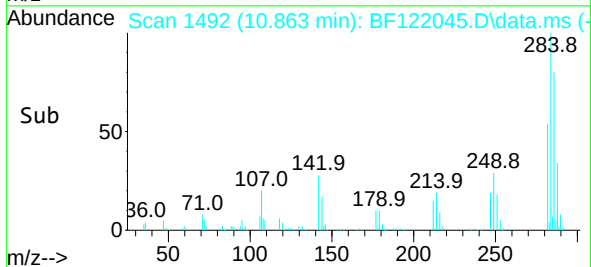
Tgt Ion:248 Resp: 228869  
Ion Ratio Lower Upper  
248 100  
250 97.4 77.0 115.6  
141 65.3 53.7 80.5



#68  
Hexachlorobenzene  
Concen: 39.96 ng  
RT: 10.863 min Scan# 1492  
Delta R.T. 0.000 min  
Lab File: BF122045.D  
Acq: 21 Oct 2020 9:47



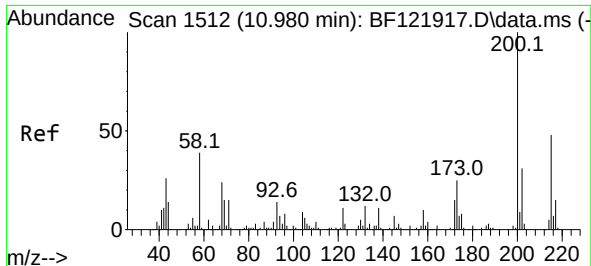
Tgt Ion:284 Resp: 257491  
Ion Ratio Lower Upper  
284 100  
142 30.1 27.4 41.2  
249 30.1 24.2 36.4



Instrument :  
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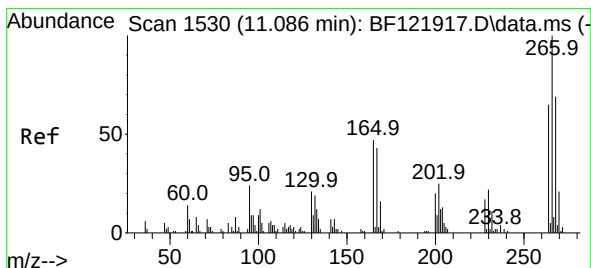
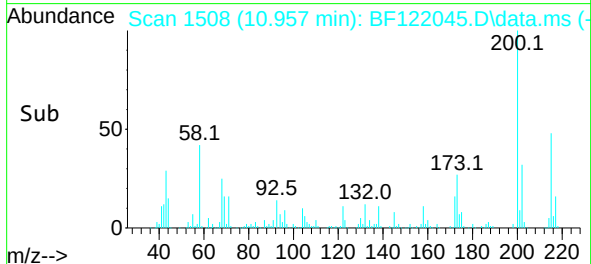
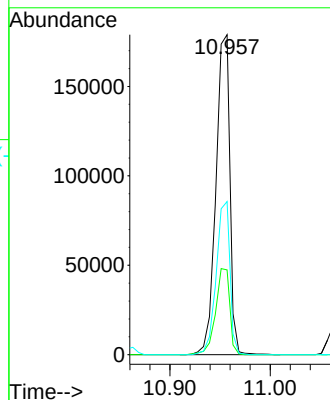
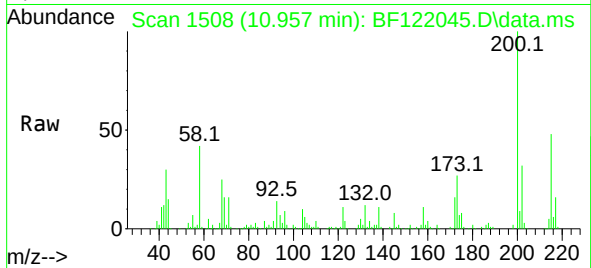
#69  
Atrazine  
Concen: 41.74 ng  
RT: 10.957 min Scan# 1508  
Delta R.T. 0.000 min  
Lab File: BF122045.D  
Acq: 21 Oct 2020 9:47

Tgt Ion:200 Resp: 173230  
Ion Ratio Lower Upper  
200 100  
173 26.5 7.5 47.5  
215 47.8 27.1 67.1

Instrument :  
BNA\_F  
ClientSampleId :  
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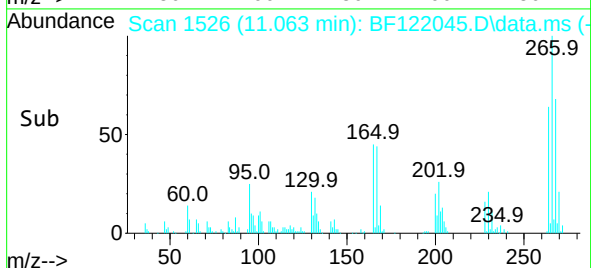
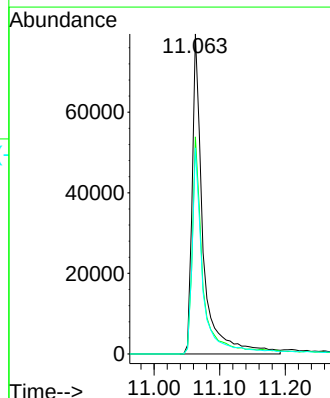
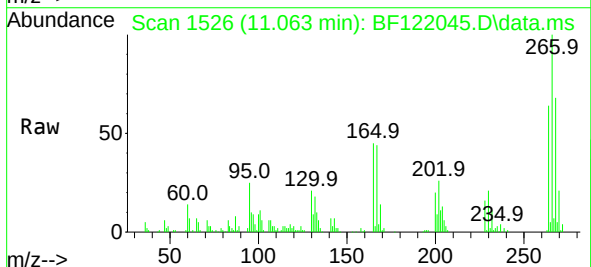
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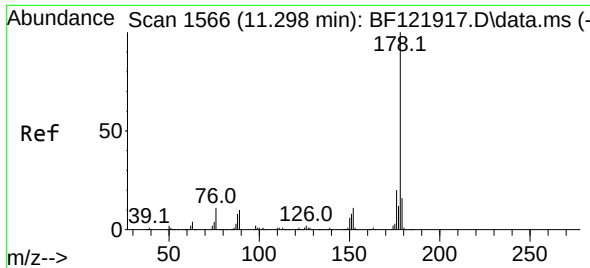
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#70  
Pentachlorophenol  
Concen: 40.72 ng  
RT: 11.063 min Scan# 1526  
Delta R.T. 0.000 min  
Lab File: BF122045.D  
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Tgt Ion:266 Resp: 92201  
Ion Ratio Lower Upper  
266 100  
268 67.9 52.4 78.6  
264 64.4 49.9 74.9





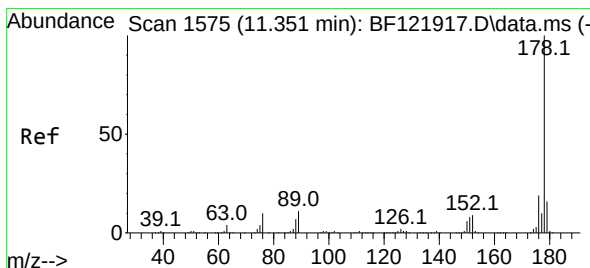
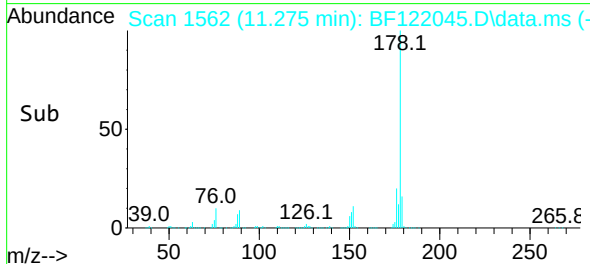
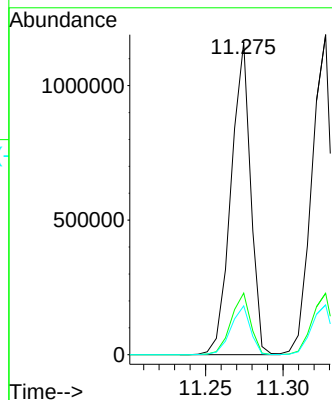
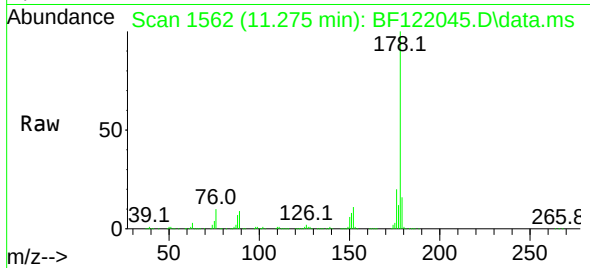
#71  
Phenanthrene  
Concen: 37.79 ng  
RT: 11.275 min Scan# 1562  
Delta R.T. 0.000 min  
Lab File: BF122045.D  
Acq: 21 Oct 2020 9:47

Tgt Ion:178 Resp: 1021085  
Ion Ratio Lower Upper  
178 100  
176 19.7 15.9 23.9  
179 15.6 12.2 18.4

Instrument :  
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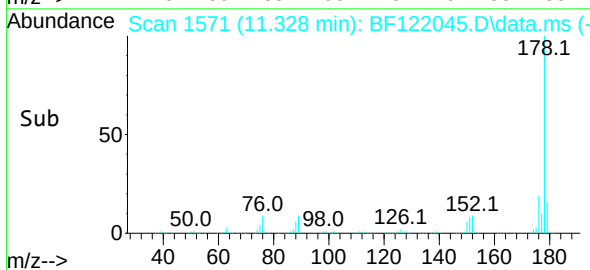
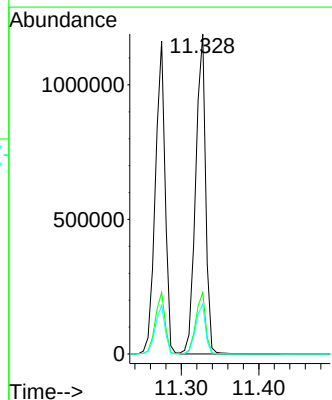
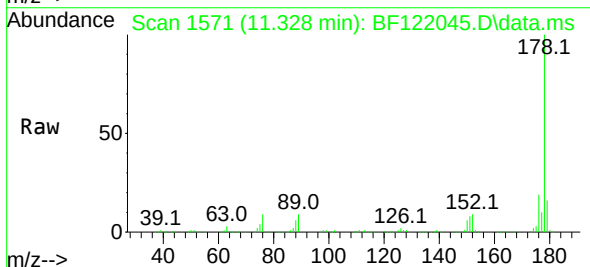
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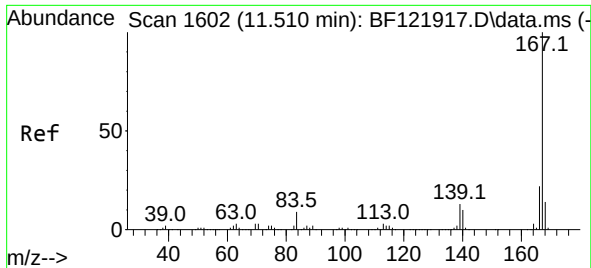
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#72  
Anthracene  
Concen: 37.77 ng  
RT: 11.328 min Scan# 1571  
Delta R.T. 0.000 min  
Lab File: BF122045.D  
Acq: 21 Oct 2020 9:47

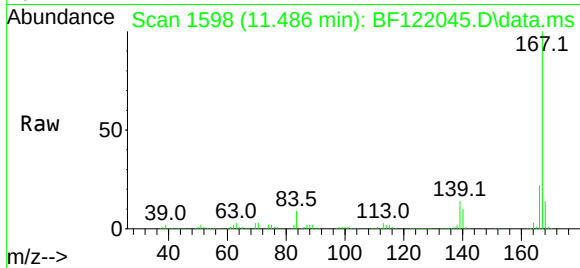
Tgt Ion:178 Resp: 1058476  
Ion Ratio Lower Upper  
178 100  
176 19.2 15.7 23.5  
179 15.6 12.7 19.1





#73  
 Carbazole  
 Concen: 37.76 ng  
 RT: 11.486 min Scan# 1598  
 Delta R.T. 0.000 min  
 Lab File: BF122045.D  
 Acq: 21 Oct 2020 9:47

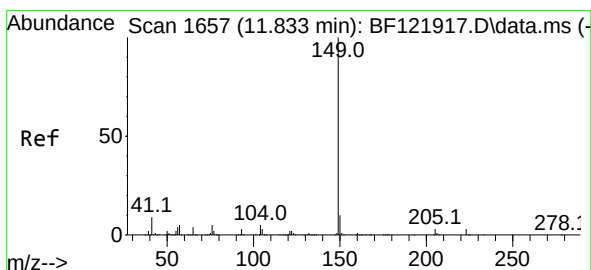
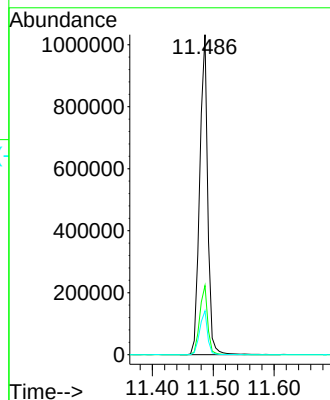
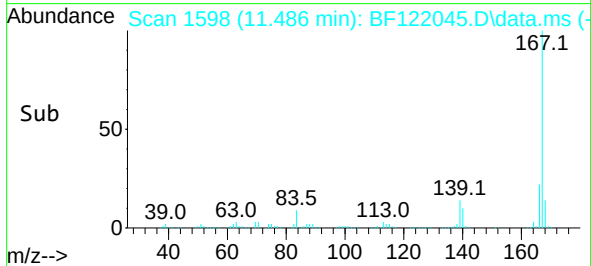
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040



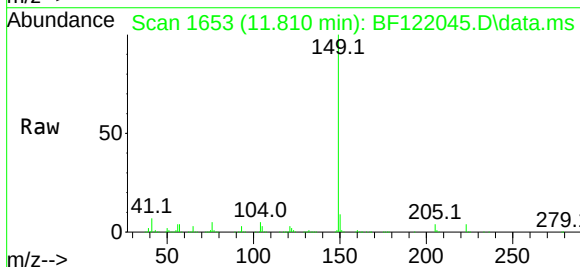
Tgt Ion:167 Resp: 940669  
 Ion Ratio Lower Upper  
 167 100  
 166 21.6 17.8 26.6  
 139 13.7 10.8 16.2

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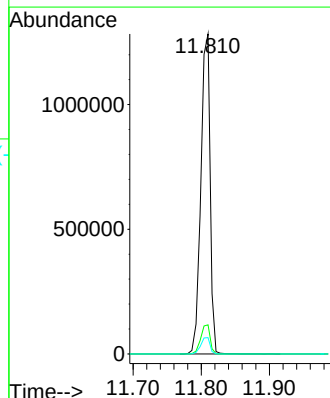
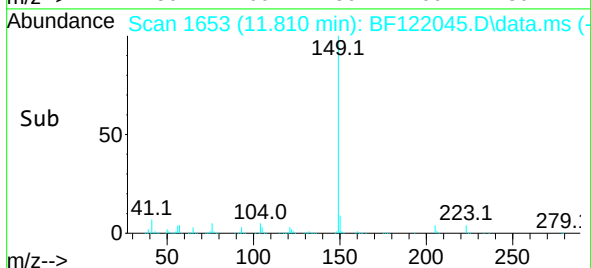
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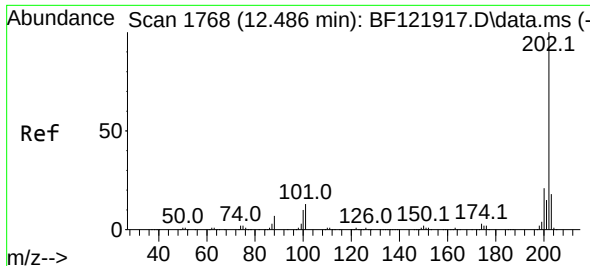
#74  
 Di-n-butylphthalate  
 Concen: 42.34 ng  
 RT: 11.810 min Scan# 1653  
 Delta R.T. 0.000 min  
 Lab File: BF122045.D  
 Acq: 21 Oct 2020 9:47



Tgt Ion:149 Resp: 1213721  
 Ion Ratio Lower Upper  
 149 100  
 150 9.1 7.7 11.5  
 104 5.1 4.2 6.2

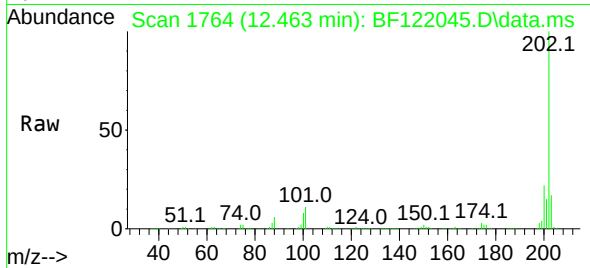






#75  
Fluoranthene  
Concen: 37.86 ng  
RT: 12.463 min Scan# 1764  
Delta R.T. 0.000 min  
Lab File: BF122045.D  
Acq: 21 Oct 2020 9:47

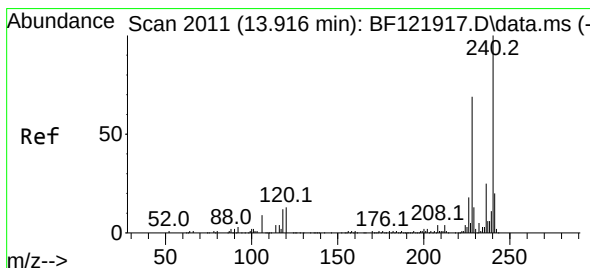
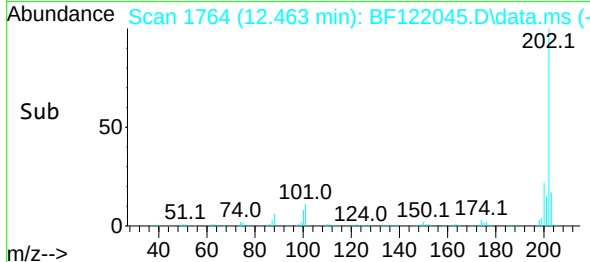
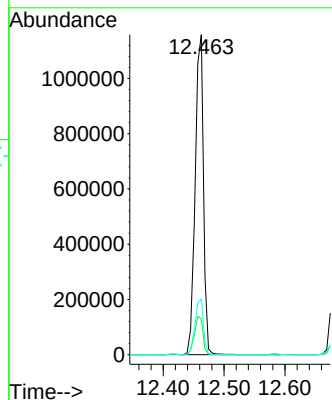
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:202 Resp: 1096704  
Ion Ratio Lower Upper  
202 100  
101 11.2 0.0 33.4  
203 17.4 0.0 37.9

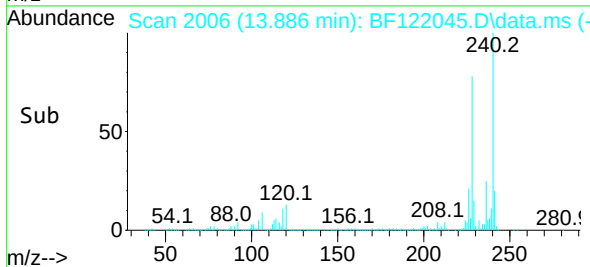
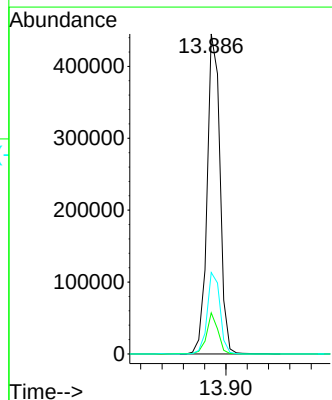
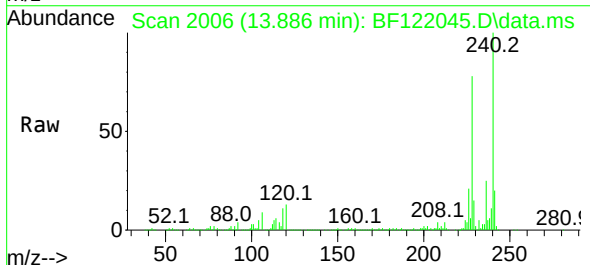
Manual Integrations  
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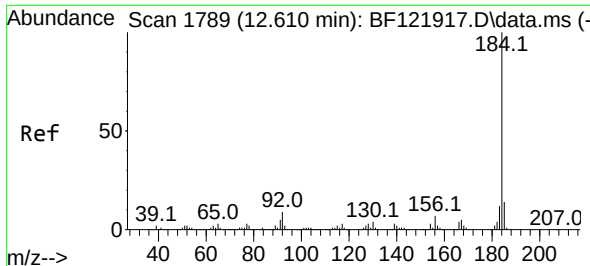
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#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 13.886 min Scan# 2006  
Delta R.T. 0.000 min  
Lab File: BF122045.D  
Acq: 21 Oct 2020 9:47

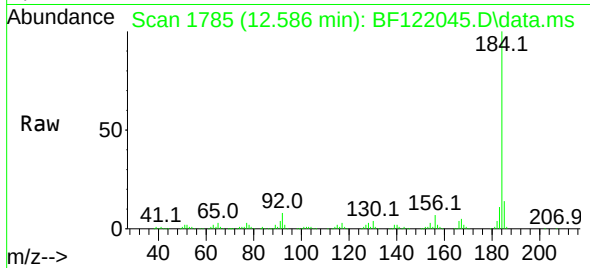
Tgt Ion:240 Resp: 374360  
Ion Ratio Lower Upper  
240 100  
120 12.9 9.2 13.8  
236 25.4 20.9 31.3





#77  
Benzidine  
Concen: 34.42 ng  
RT: 12.586 min Scan# 1785  
Delta R.T. 0.000 min  
Lab File: BF122045.D  
Acq: 21 Oct 2020 9:47

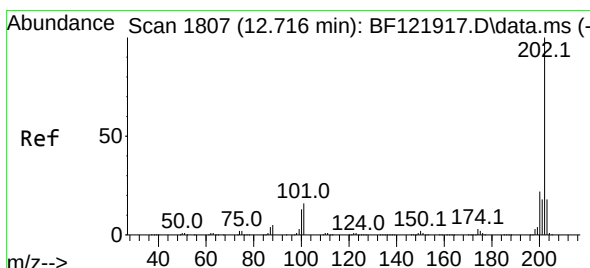
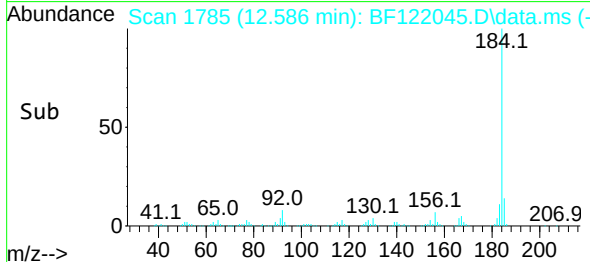
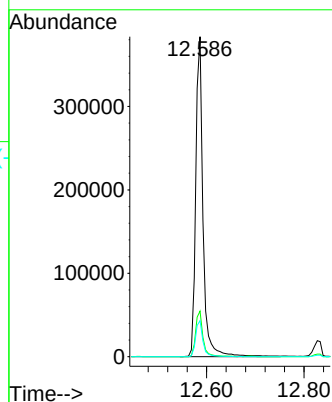
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:184 Resp: 397260  
Ion Ratio Lower Upper  
184 100  
185 14.2 11.6 17.4  
183 11.2 9.4 14.0

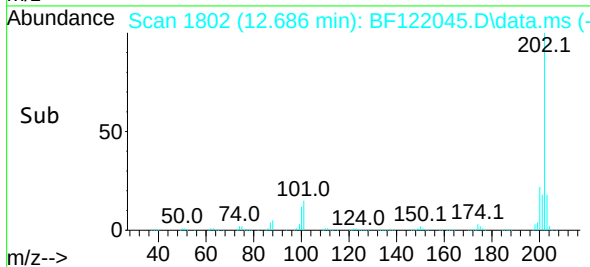
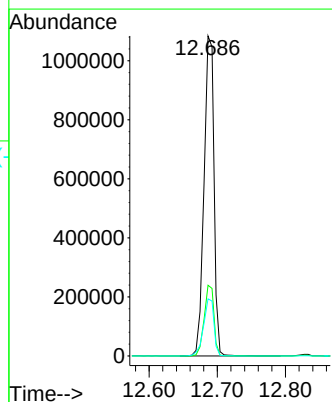
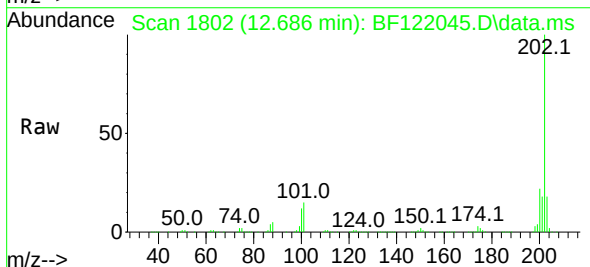
Manual Integrations  
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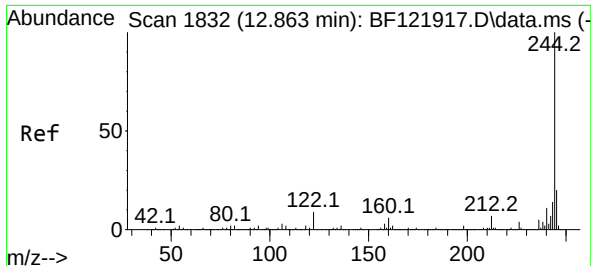
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#78  
Pyrene  
Concen: 38.67 ng  
RT: 12.686 min Scan# 1802  
Delta R.T. 0.000 min  
Lab File: BF122045.D  
Acq: 21 Oct 2020 9:47

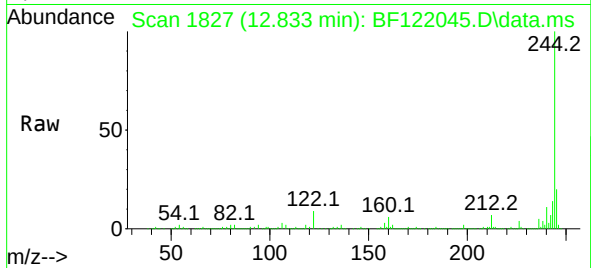
Tgt Ion:202 Resp: 1103215  
Ion Ratio Lower Upper  
202 100  
200 22.1 17.4 26.2  
203 17.9 14.6 21.8





#79  
Terphenyl-d14  
Concen: 79.51 ng  
RT: 12.833 min Scan# 1827  
Delta R.T. 0.000 min  
Lab File: BF122045.D  
Acq: 21 Oct 2020 9:47

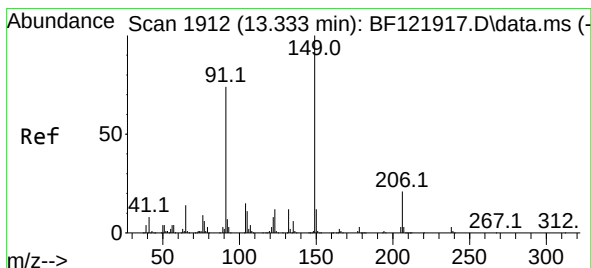
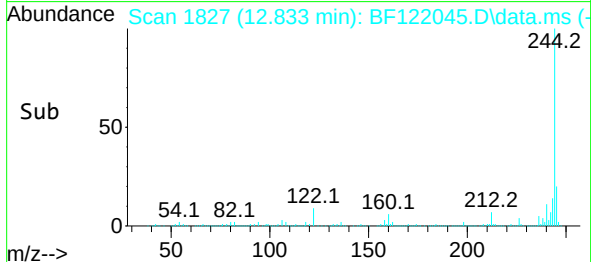
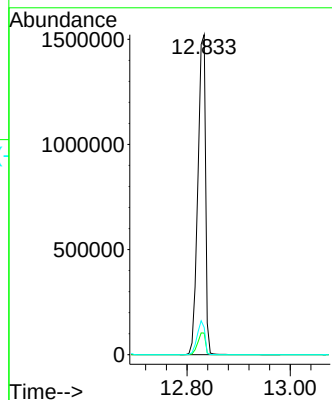
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:244 Resp: 1561948  
Ion Ratio Lower Upper  
244 100  
212 6.7 5.4 8.2  
122 8.5 8.1 12.1

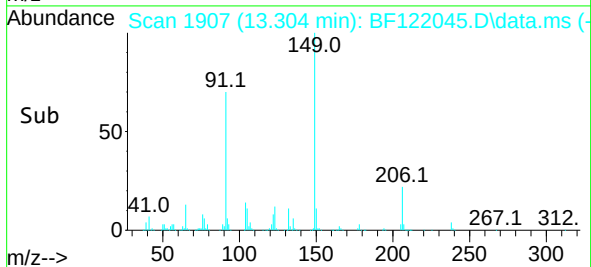
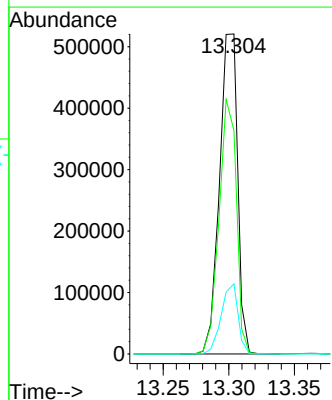
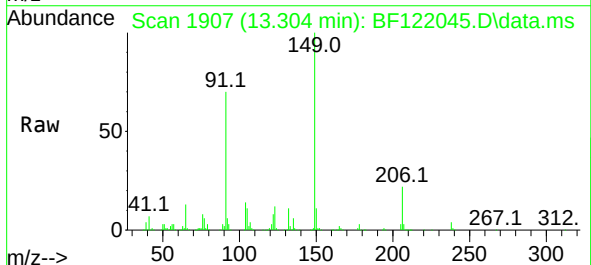
Manual Integrations  
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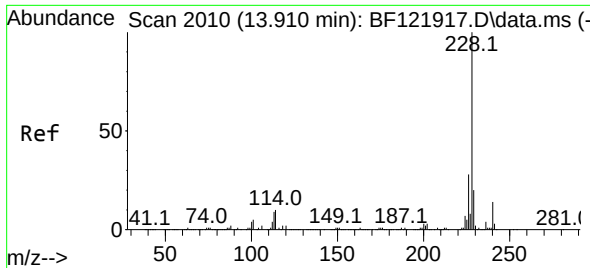
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#80  
Butylbenzylphthalate  
Concen: 44.37 ng  
RT: 13.304 min Scan# 1907  
Delta R.T. 0.000 min  
Lab File: BF122045.D  
Acq: 21 Oct 2020 9:47

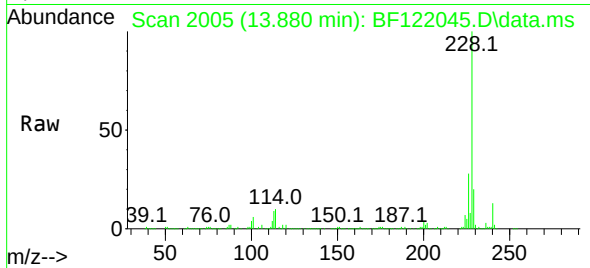
Tgt Ion:149 Resp: 501952  
Ion Ratio Lower Upper  
149 100  
91 69.8 61.0 91.4  
206 21.9 16.7 25.1





#81  
Benzo(a)anthracene  
Concen: 39.20 ng  
RT: 13.880 min Scan# 2005  
Delta R.T. 0.000 min  
Lab File: BF122045.D  
Acq: 21 Oct 2020 9:47

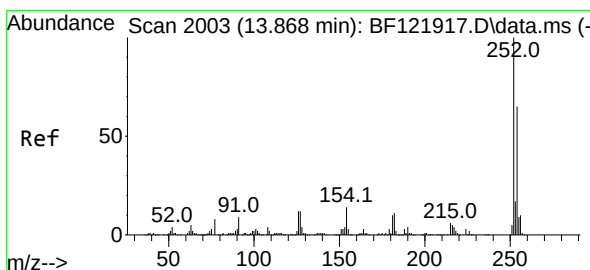
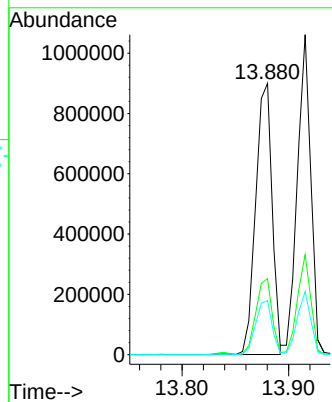
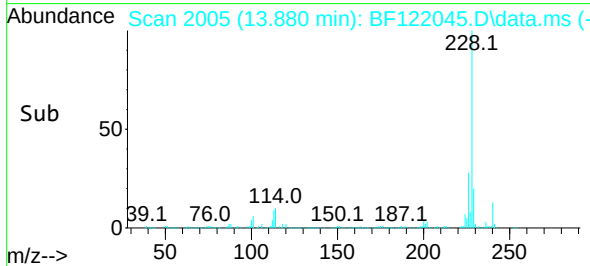
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



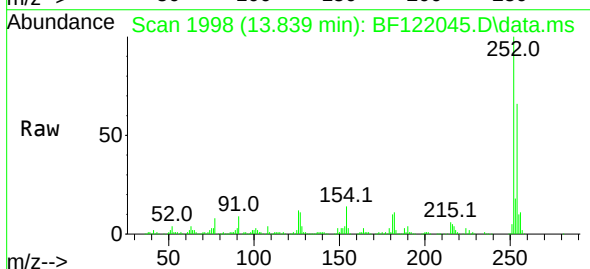
Tgt Ion:228 Resp: 961560  
Ion Ratio Lower Upper  
228 100  
226 28.0 22.3 33.5  
229 19.9 16.2 24.4

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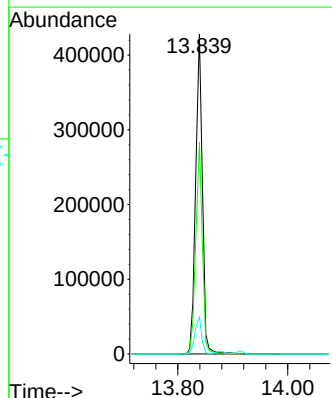
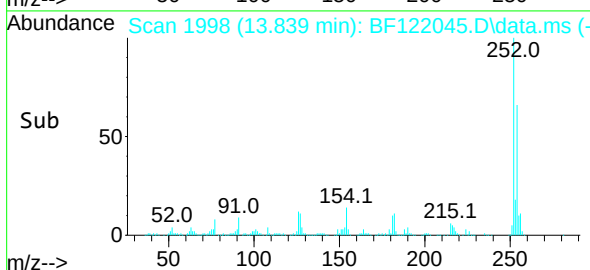
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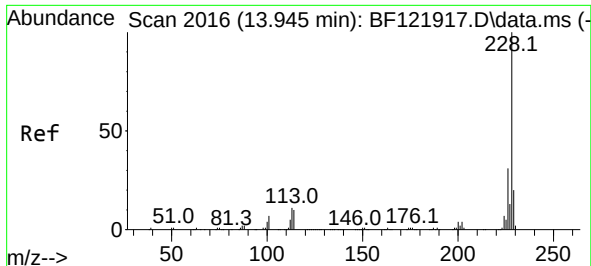


#82  
3,3'-Dichlorobenzidine  
Concen: 39.89 ng  
RT: 13.839 min Scan# 1998  
Delta R.T. 0.000 min  
Lab File: BF122045.D  
Acq: 21 Oct 2020 9:47

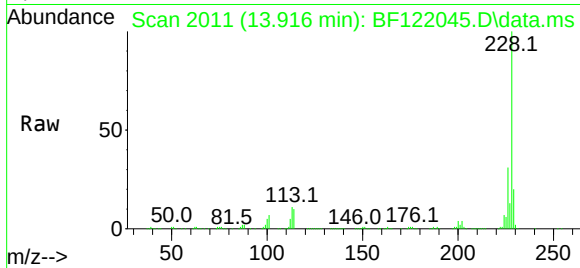


Tgt Ion:252 Resp: 363025  
Ion Ratio Lower Upper  
252 100  
254 66.1 51.8 77.6  
126 11.5 8.8 13.2

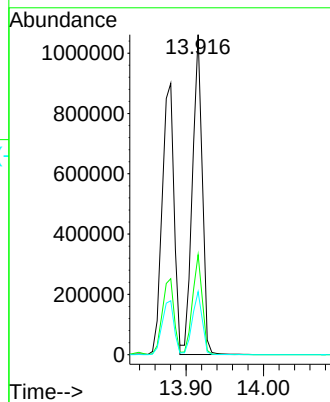
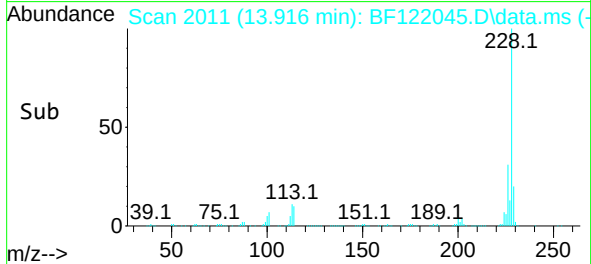




#83  
Chrysene  
Concen: 39.00 ng  
RT: 13.916 min Scan# 2011  
Delta R.T. 0.000 min  
Lab File: BF122045.D  
Acq: 21 Oct 2020 9:47



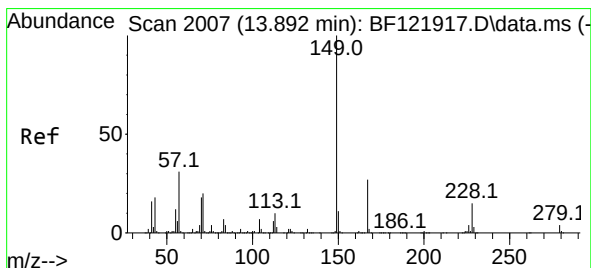
Tgt Ion:228 Resp: 939317  
Ion Ratio Lower Upper  
228 100  
226 31.3 24.6 37.0  
229 19.7 15.9 23.9



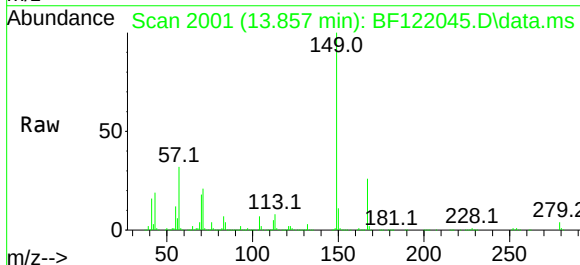
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

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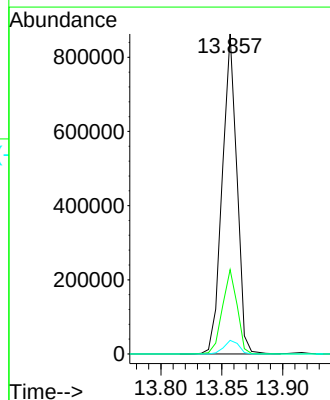
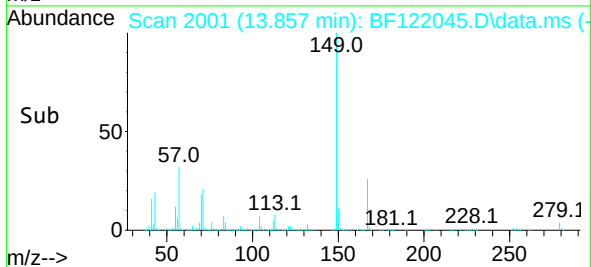
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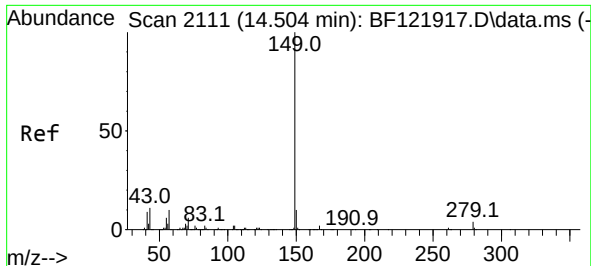


#84  
Bis(2-ethylhexyl)phthalate  
Concen: 47.14 ng  
RT: 13.857 min Scan# 2001  
Delta R.T. 0.000 min  
Lab File: BF122045.D  
Acq: 21 Oct 2020 9:47



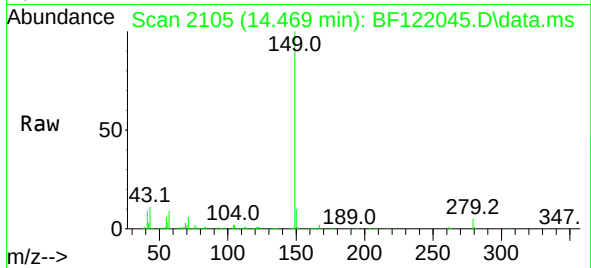
Tgt Ion:149 Resp: 723966  
Ion Ratio Lower Upper  
149 100  
167 26.3 20.9 31.3  
279 4.3 3.2 4.8





#85  
Di-n-octyl phthalate  
Concen: 47.91 ng  
RT: 14.469 min Scan# 2105  
Delta R.T. 0.000 min  
Lab File: BF122045.D  
Acq: 21 Oct 2020 9:47

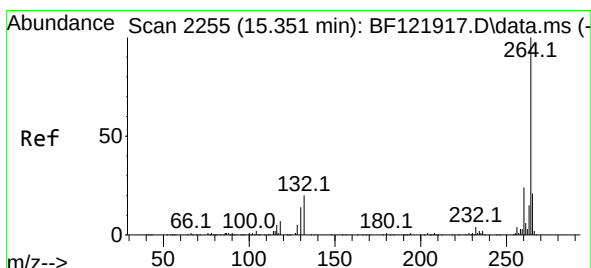
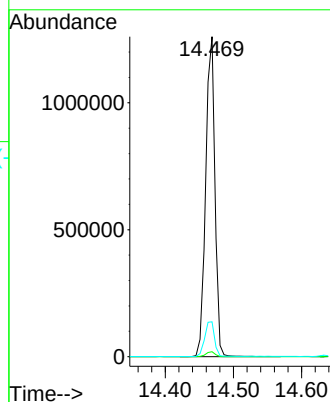
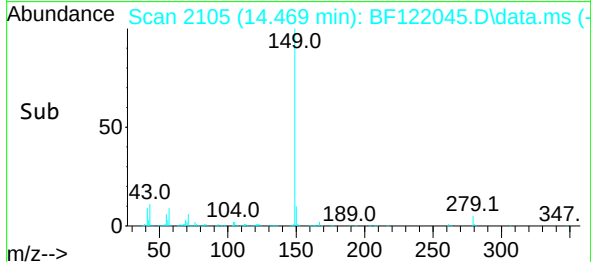
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



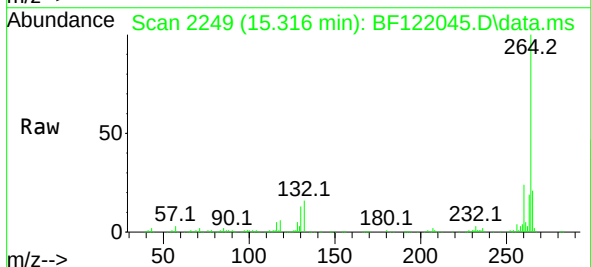
Tgt Ion:149 Resp: 1190416  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.2 1.8  
43 11.6 9.0 13.6

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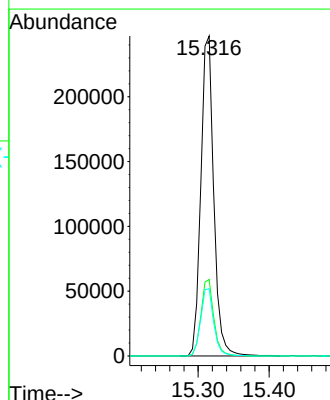
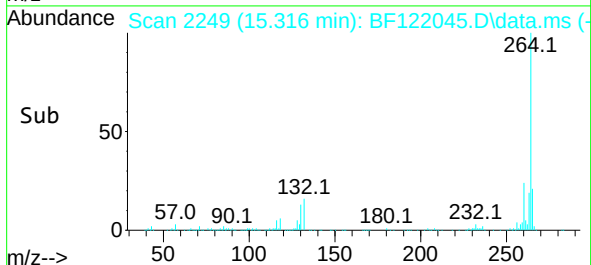
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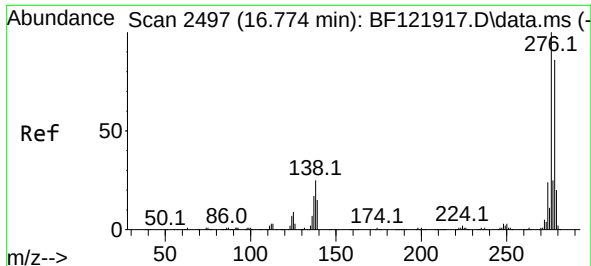


#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.316 min Scan# 2249  
Delta R.T. 0.000 min  
Lab File: BF122045.D  
Acq: 21 Oct 2020 9:47



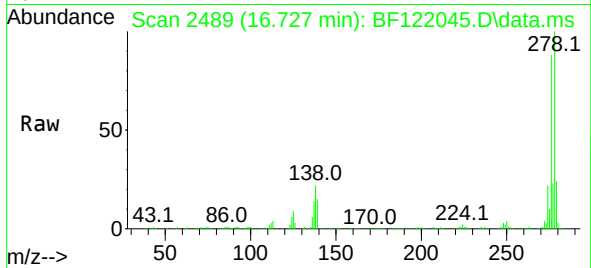
Tgt Ion:264 Resp: 312910  
Ion Ratio Lower Upper  
264 100  
260 23.9 18.7 28.1  
265 21.1 17.3 25.9





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 40.33 ng  
RT: 16.727 min Scan# 2489  
Delta R.T. 0.000 min  
Lab File: BF122045.D  
Acq: 21 Oct 2020 9:47

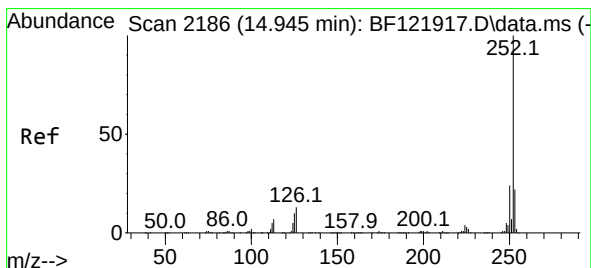
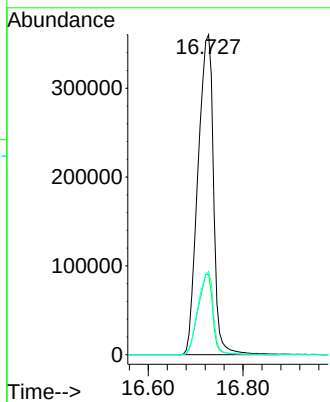
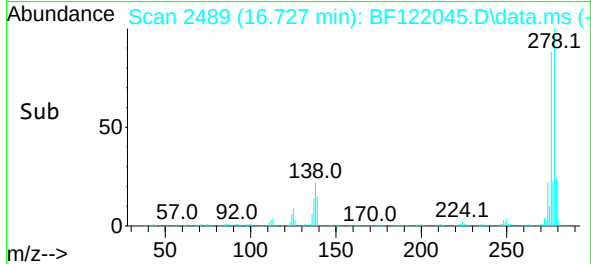
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



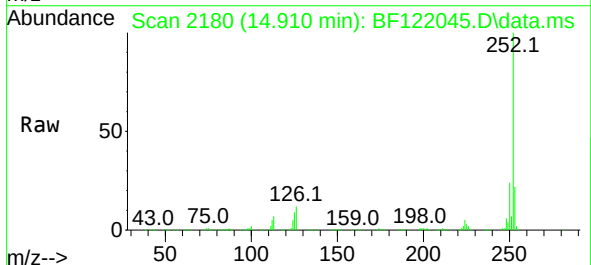
Tgt Ion:276 Resp: 819349  
Ion Ratio Lower Upper  
276 100  
138 23.9 19.9 29.9  
277 25.4 20.4 30.6

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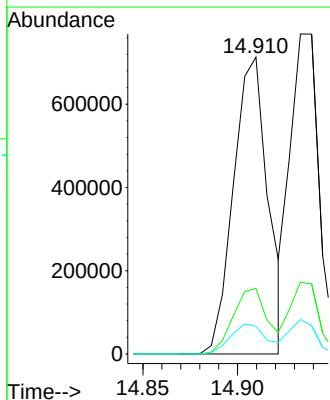
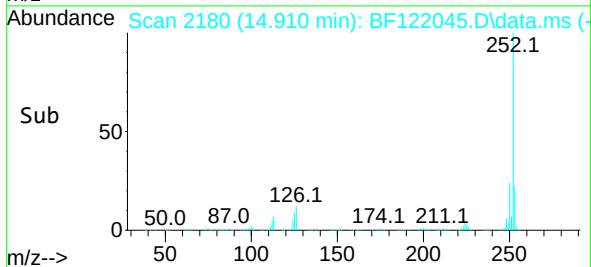
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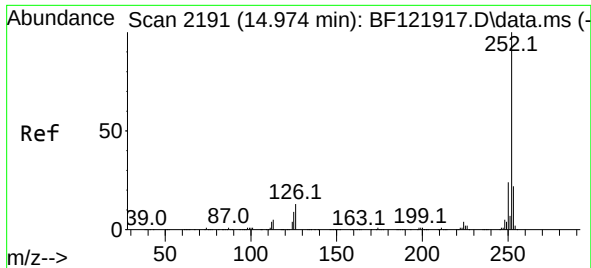


#88  
Benzo(b)fluoranthene  
Concen: 42.81 ng  
RT: 14.910 min Scan# 2180  
Delta R.T. 0.000 min  
Lab File: BF122045.D  
Acq: 21 Oct 2020 9:47



Tgt Ion:252 Resp: 905597  
Ion Ratio Lower Upper  
252 100  
253 22.0 18.2 27.2  
125 9.3 8.0 12.0





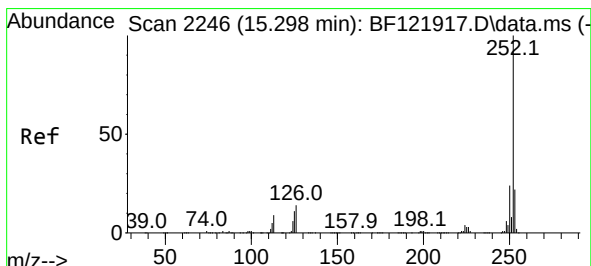
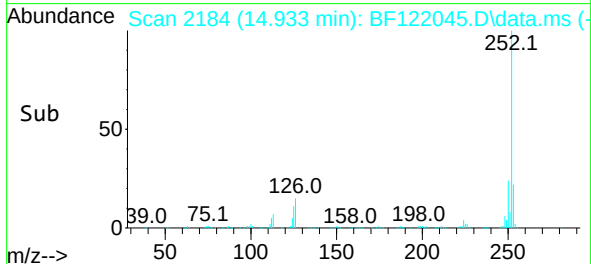
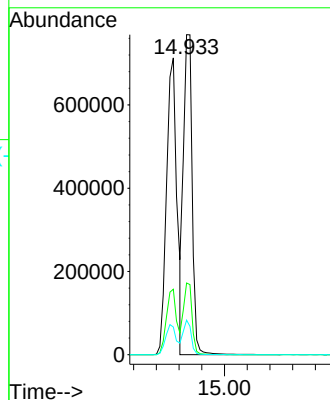
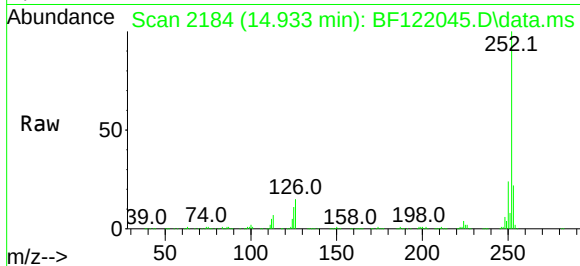
#89  
Benzo(k)fluoranthene  
Concen: 40.82 ng  
RT: 14.933 min Scan# 2184  
Delta R.T. 0.000 min  
Lab File: BF122045.D  
Acq: 21 Oct 2020 9:47

Tgt Ion:252 Resp: 820246  
Ion Ratio Lower Upper  
252 100  
253 22.4 17.8 26.6  
125 10.8 7.7 11.5

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

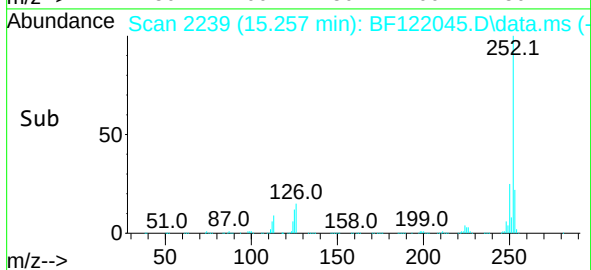
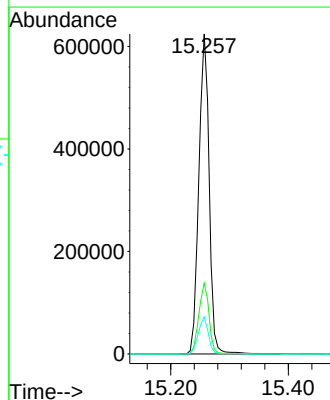
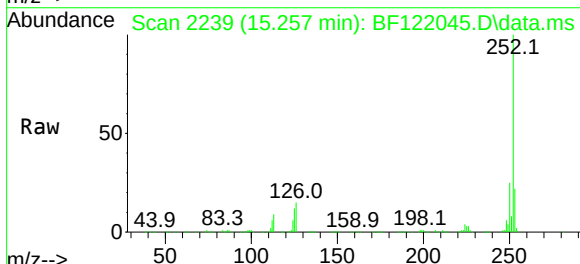
Manual Integrations  
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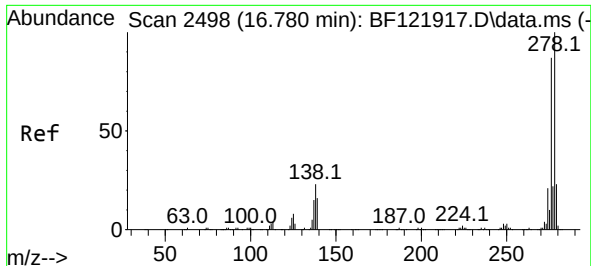


#90  
Benzo(a)pyrene  
Concen: 41.62 ng  
RT: 15.257 min Scan# 2239  
Delta R.T. 0.000 min  
Lab File: BF122045.D  
Acq: 21 Oct 2020 9:47

Tgt Ion:252 Resp: 760395  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.3 25.9  
125 11.6 8.6 13.0

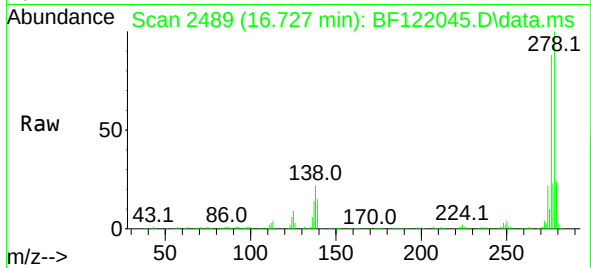






#91  
Dibenzo(a,h)anthracene  
Concen: 41.01 ng  
RT: 16.727 min Scan# 2489  
Delta R.T. 0.000 min  
Lab File: BF122045.D  
Acq: 21 Oct 2020 9:47

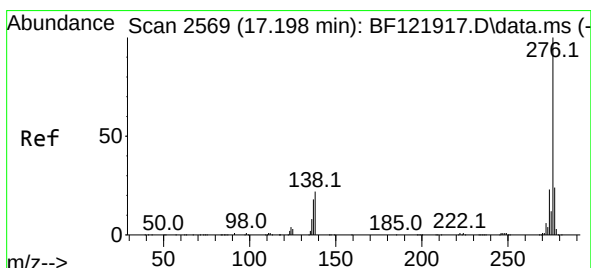
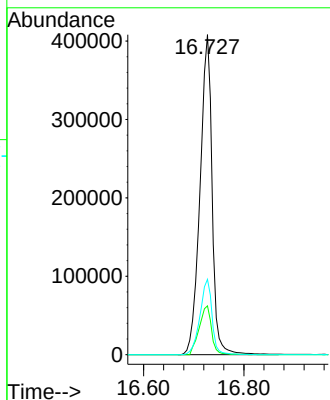
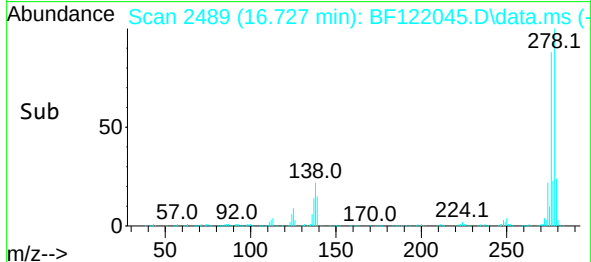
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



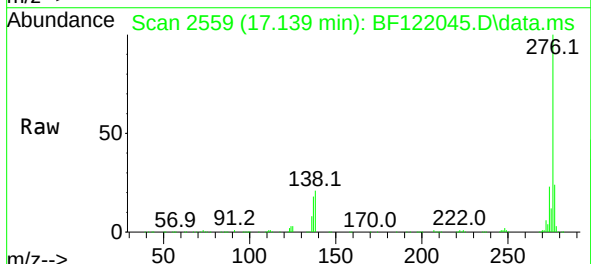
Tgt Ion:278 Resp: 685959  
Ion Ratio Lower Upper  
278 100  
139 15.3 13.0 19.4  
279 23.5 19.0 28.4

Manual Integrations  
APPROVED

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#92  
Benzo(g,h,i)perylene  
Concen: 40.17 ng  
RT: 17.139 min Scan# 2559  
Delta R.T. 0.000 min  
Lab File: BF122045.D  
Acq: 21 Oct 2020 9:47



Tgt Ion:276 Resp: 672506  
Ion Ratio Lower Upper  
276 100  
277 24.1 19.4 29.2  
138 20.7 17.8 26.6

