

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF121020\  
 Data File : BF122641.D  
 Acq On : 10 Dec 2020 11:19  
 Operator : JU/CG  
 Sample : PB133503BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB133503BS

Manual Integrations  
 APPROVED

mohammad  
 12/11/2020 1:21:12 PM

Quant Time: Dec 10 12:01:07 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF120520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Dec 07 12:08:49 2020  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.839  | 152  | 199730   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.127  | 136  | 804625   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.880  | 164  | 439481   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.368 | 188  | 802016   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.009 | 240  | 643410   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12              | 15.468 | 264  | 594411   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 5) 2-Fluorophenol             | 5.475  | 112  | 1248984  | 99.00 | ng    | 0.02     |
| 7) Phenol-d6                  | 6.481  | 99   | 1611459  | 96.31 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.410  | 82   | 1022506  | 63.67 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.674 | 330  | 551049   | 95.79 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.204  | 172  | 1873757  | 57.67 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.951 | 244  | 2077647  | 56.52 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.704  | 88   | 180375   | 30.42 | ng    | 99       |
| 3) Pyridine                   | 3.440  | 79   | 522888   | 33.36 | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.398  | 42   | 230820   | 36.72 | ng    | 97       |
| 6) Aniline                    | 6.504  | 93   | 566190   | 28.75 | ng    | 99       |
| 8) 2-Chlorophenol             | 6.628  | 128  | 558071   | 40.13 | ng    | 97       |
| 9) Benzaldehyde               | 6.386  | 77   | 248816   | 24.57 | ng    | 97       |
| 10) Phenol                    | 6.492  | 94   | 650898   | 37.54 | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 6.575  | 93   | 516032   | 38.96 | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.781  | 146  | 588577   | 35.77 | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.857  | 146  | 590121   | 35.57 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.010  | 146  | 575960   | 35.96 | ng    | 99       |
| 15) Benzyl Alcohol            | 6.986  | 79   | 451257   | 39.17 | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.116  | 45   | 661577   | 35.03 | ng    | 98       |
| 17) 2-Methylphenol            | 7.098  | 107  | 458746   | 41.50 | ng    | 99       |
| 18) Hexachloroethane          | 7.351  | 117  | 210022   | 35.52 | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 7.263  | 70   | 368121   | 38.41 | ng    | 97       |
| 20) 3+4-Methylphenols         | 7.251  | 107  | 527319   | 37.76 | ng    | 97       |
| 22) Acetophenone              | 7.251  | 105  | 696880   | 34.83 | ng    | # 94     |
| 24) Nitrobenzene              | 7.428  | 77   | 564741   | 35.35 | ng    | 96       |
| 25) Isophorone                | 7.669  | 82   | 1022295  | 36.96 | ng    | 98       |
| 26) 2-Nitrophenol             | 7.739  | 139  | 299571   | 38.45 | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 7.780  | 122  | 489461   | 42.86 | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.875  | 93   | 650907   | 34.36 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.986  | 162  | 478636   | 35.89 | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 8.069  | 180  | 506002   | 33.49 | ng    | 99       |
| 31) Naphthalene               | 8.151  | 128  | 1557849  | 35.09 | ng    | 100      |
| 32) Benzoic acid              | 7.922  | 122  | 315961   | 34.72 | ng    | 96       |
| 33) 4-Chloroaniline           | 8.192  | 127  | 301160   | 16.22 | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.263  | 225  | 298061   | 32.05 | ng    | 99       |
| 35) Caprolactam               | 8.575  | 113  | 154257m  | 38.40 | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.686  | 107  | 501912   | 38.20 | ng    | 98       |
| 37) 2-Methylnaphthalene       | 8.839  | 142  | 1044095  | 35.55 | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.939  | 142  | 978317   | 35.21 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.010  | 216  | 484223   | 33.26 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.992  | 237  | 526156   | 81.75 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol     | 9.122  | 196  | 350618   | 34.88 | ng    | 97       |

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 ALS Vial : 6 Sample Multiplier: 1

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 ClientSampleId :  
 PB133503BS

Manual Integrations  
 APPROVED

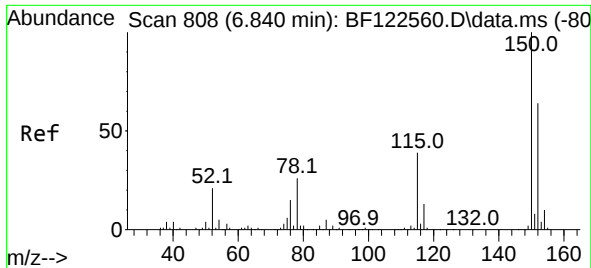
mohammad  
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Quant Time: Dec 10 12:01:07 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF120520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Dec 07 12:08:49 2020  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.163  | 196  | 371844   | 35.78 | ng    | 97       |
| 46) 1,1'-Biphenyl             | 9.304  | 154  | 1248155  | 34.22 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 9.327  | 162  | 1002714  | 33.18 | ng    | 100      |
| 48) 2-Nitroaniline            | 9.427  | 65   | 297751   | 33.80 | ng    | 99       |
| 49) Acenaphthylene            | 9.745  | 152  | 1556997  | 34.88 | ng    | 99       |
| 50) Dimethylphthalate         | 9.610  | 163  | 1228666  | 35.01 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.669  | 165  | 277505   | 37.44 | ng    | 98       |
| 52) Acenaphthene              | 9.916  | 154  | 1088845m | 37.70 | ng    |          |
| 53) 3-Nitroaniline            | 9.833  | 138  | 167308   | 19.53 | ng    | 94       |
| 54) 2,4-Dinitrophenol         | 9.951  | 184  | 293851   | 81.08 | ng    | # 88     |
| 55) Dibenzofuran              | 10.092 | 168  | 1409988  | 34.71 | ng    | 98       |
| 56) 4-Nitrophenol             | 10.010 | 139  | 429428   | 70.31 | ng    | 99       |
| 57) 2,4-Dinitrotoluene        | 10.074 | 165  | 373657   | 37.84 | ng    | 97       |
| 58) Fluorene                  | 10.433 | 166  | 1084628  | 33.57 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.210 | 232  | 323392   | 35.42 | ng    | 100      |
| 60) Diethylphthalate          | 10.304 | 149  | 1178415  | 34.52 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.421 | 204  | 530177   | 33.33 | ng    | 98       |
| 62) 4-Nitroaniline            | 10.457 | 138  | 275633   | 31.70 | ng    | 93       |
| 63) Azobenzene                | 10.580 | 77   | 1099106  | 35.03 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 10.486 | 198  | 202213   | 41.35 | ng    | 94       |
| 66) n-Nitrosodiphenylamine    | 10.545 | 169  | 1015637  | 35.84 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.910 | 248  | 369466   | 34.00 | ng    | 98       |
| 68) Hexachlorobenzene         | 10.980 | 284  | 407584   | 33.92 | ng    | 99       |
| 69) Atrazine                  | 11.068 | 200  | 297413   | 32.32 | ng    | 99       |
| 70) Pentachlorophenol         | 11.174 | 266  | 460725   | 72.38 | ng    | 98       |
| 71) Phenanthrene              | 11.392 | 178  | 1641268  | 34.43 | ng    | 99       |
| 72) Anthracene                | 11.445 | 178  | 1702209  | 36.01 | ng    | 100      |
| 73) Carbazole                 | 11.598 | 167  | 1530727  | 35.71 | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.927 | 149  | 1786180  | 33.16 | ng    | 100      |
| 75) Fluoranthene              | 12.580 | 202  | 1748778  | 34.99 | ng    | 99       |
| 77) Benzidine                 | 12.698 | 184  | 584223   | 41.98 | ng    | 99       |
| 78) Pyrene                    | 12.810 | 202  | 1766792  | 35.52 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.427 | 149  | 766710   | 34.22 | ng    | 97       |
| 81) Benzo(a)anthracene        | 13.998 | 228  | 1522989  | 35.42 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.957 | 252  | 384350   | 24.96 | ng    | # 97     |
| 83) Chrysene                  | 14.039 | 228  | 1521485  | 35.56 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 13.986 | 149  | 1021444  | 33.29 | ng    | 98       |
| 85) Di-n-octyl phthalate      | 14.598 | 149  | 1709531  | 33.59 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.933 | 276  | 1348224  | 34.55 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.045 | 252  | 1560567  | 37.42 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.080 | 252  | 1344470  | 35.26 | ng    | 98       |
| 90) Benzo(a)pyrene            | 15.409 | 252  | 1284579  | 35.21 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 16.945 | 278  | 1112943  | 34.85 | ng    | 100      |
| 92) Benzo(g,h,i)perylene      | 17.368 | 276  | 1111061  | 35.95 | ng    | 99       |

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





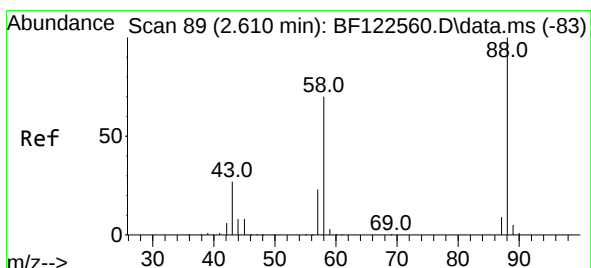
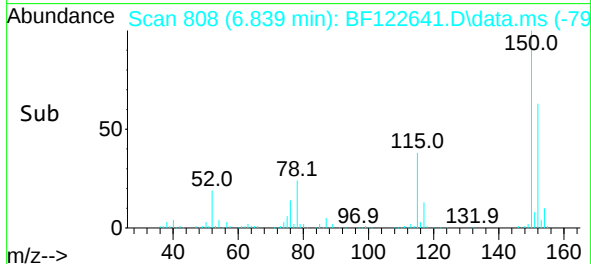
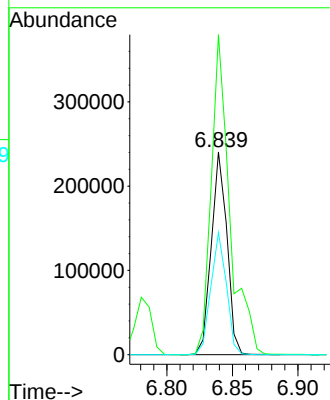
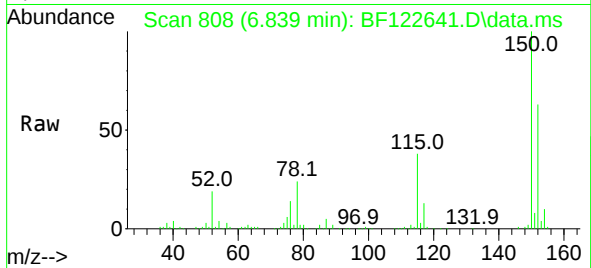
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1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.839 min Scan# 808  
Delta R.T. -0.001 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19

Tgt Ion:152 Resp: 199730  
Ion Ratio Lower Upper  
152 100  
150 157.9 125.8 188.6  
115 60.3 49.3 73.9

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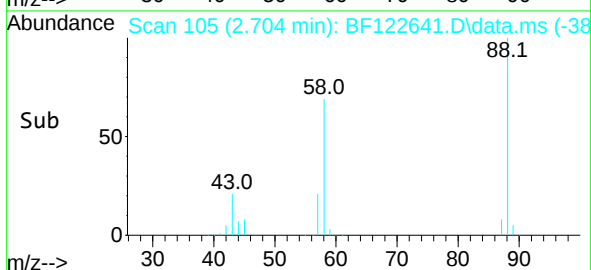
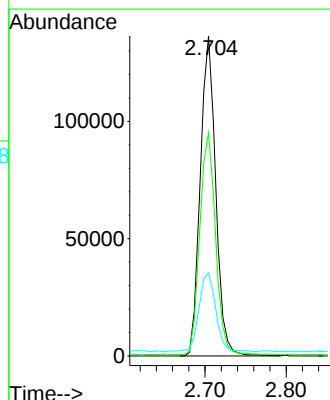
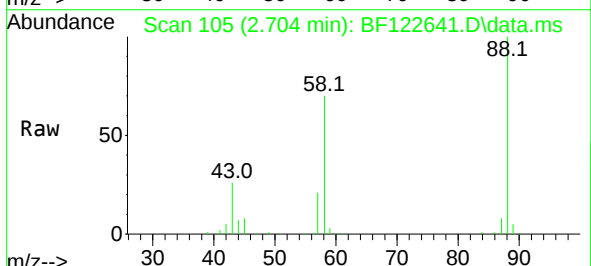
Manual Integrations  
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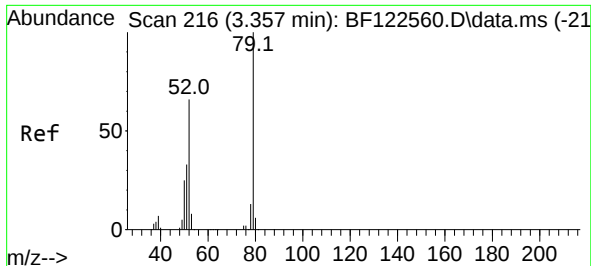
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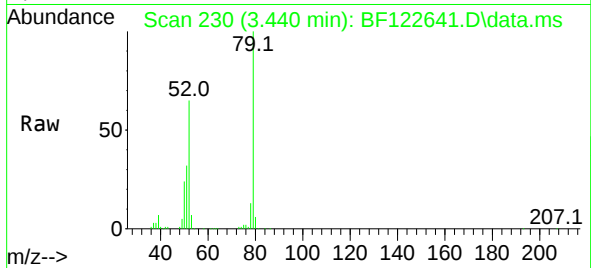
#2  
1,4-Dioxane  
Concen: 30.42 ng  
RT: 2.704 min Scan# 105  
Delta R.T. 0.094 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19

Tgt Ion: 88 Resp: 180375  
Ion Ratio Lower Upper  
88 100  
58 70.7 56.2 84.2  
43 26.9 21.8 32.6

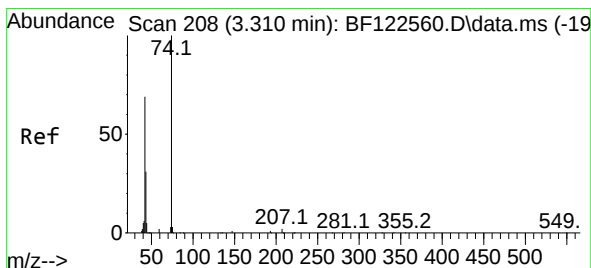
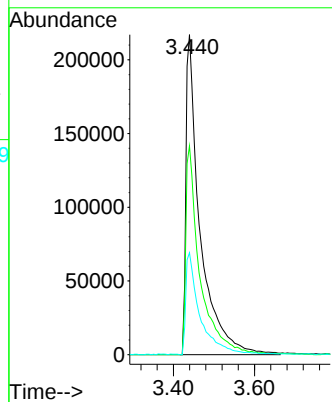
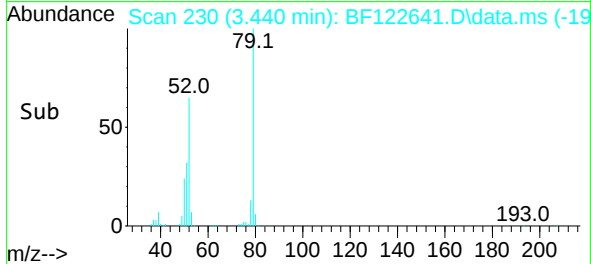




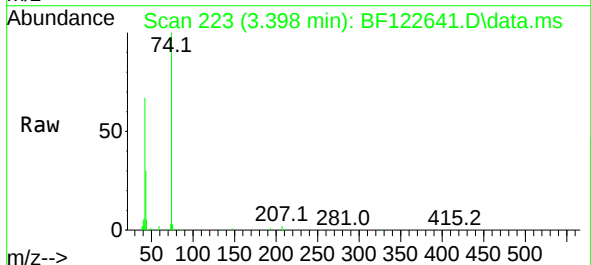
#3  
Pyridine  
Concen: 33.36 ng  
RT: 3.440 min Scan# 230  
Delta R.T. 0.082 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19



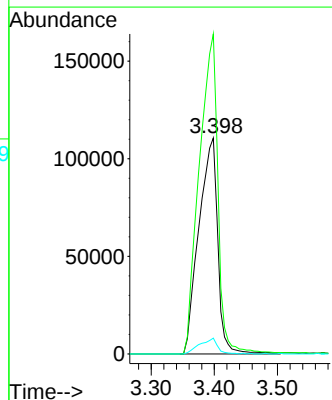
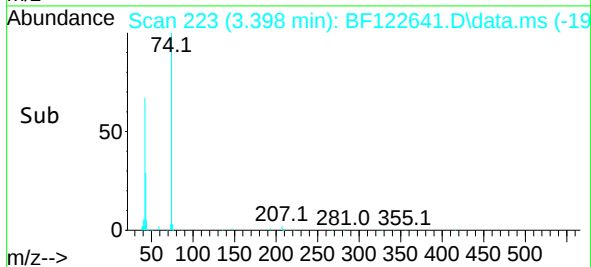
Tgt Ion: 79 Resp: 522888  
Ion Ratio Lower Upper  
79 100  
52 65.2 53.0 79.4  
51 31.9 26.6 39.8



#4  
n-Nitrosodimethylamine  
Concen: 36.72 ng  
RT: 3.398 min Scan# 223  
Delta R.T. 0.088 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19



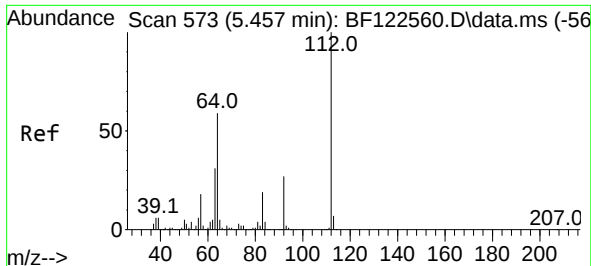
Tgt Ion: 42 Resp: 230820  
Ion Ratio Lower Upper  
42 100  
74 148.2 115.2 172.8  
44 7.4 5.4 8.0



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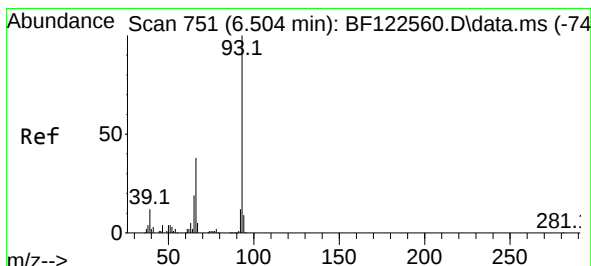
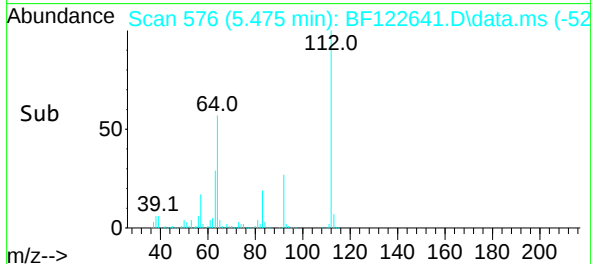
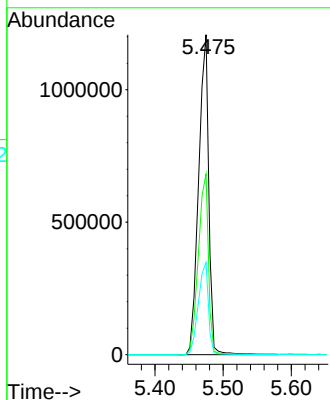
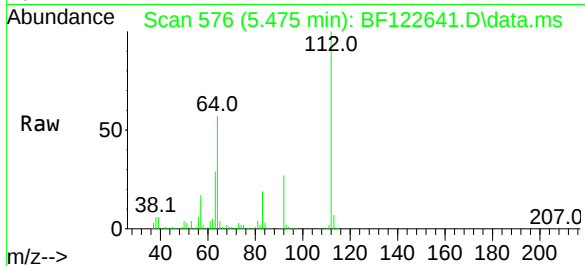
#5  
2-Fluorophenol  
Concen: 99.00 ng  
RT: 5.475 min Scan# 576  
Delta R.T. 0.017 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19

Tgt Ion: 112 Resp: 1248984  
Ion Ratio Lower Upper  
112 100  
64 56.5 46.9 70.3  
63 28.9 24.5 36.7

Instrument :  
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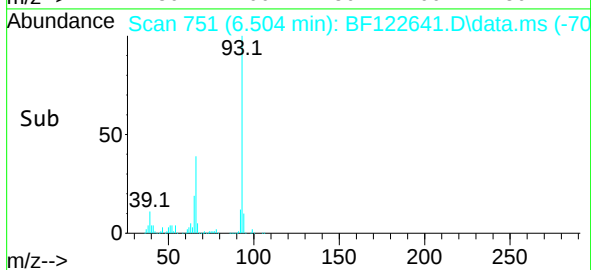
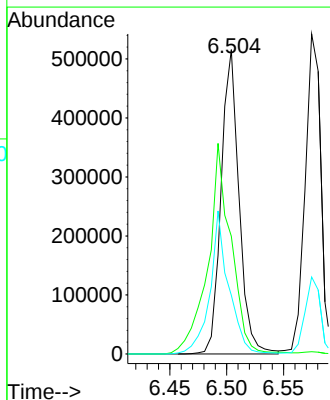
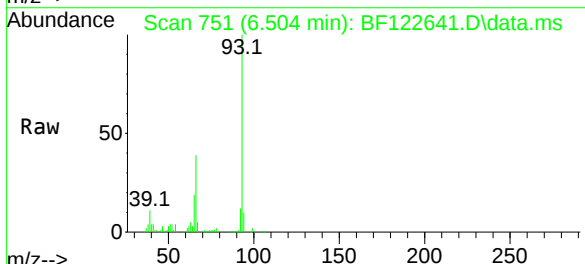
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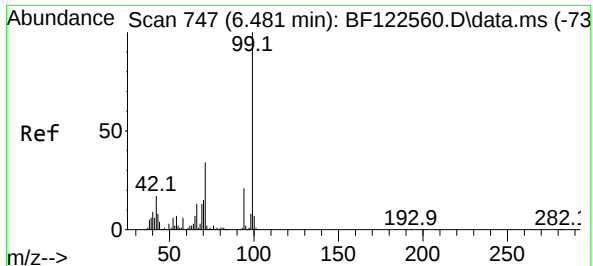
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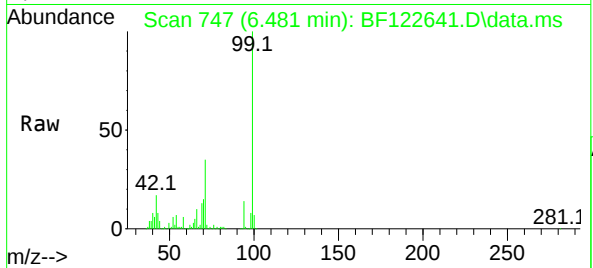
#6  
Aniline  
Concen: 28.75 ng  
RT: 6.504 min Scan# 751  
Delta R.T. -0.000 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19

Tgt Ion: 93 Resp: 566190  
Ion Ratio Lower Upper  
93 100  
66 38.7 31.3 46.9  
65 19.3 15.6 23.4



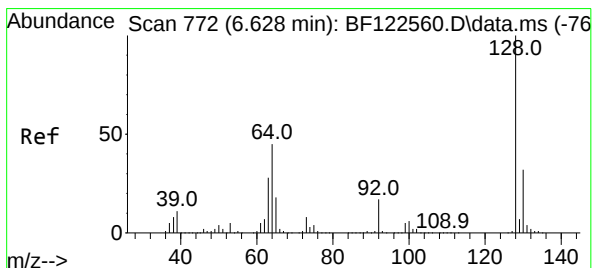
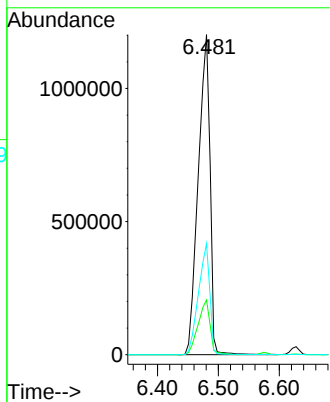
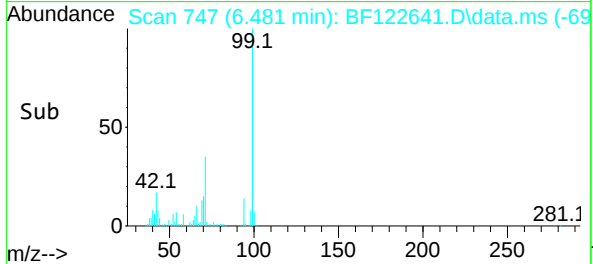


#7  
Phenol-d6  
Concen: 96.31 ng  
RT: 6.481 min Scan# 747  
Delta R.T. -0.000 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19

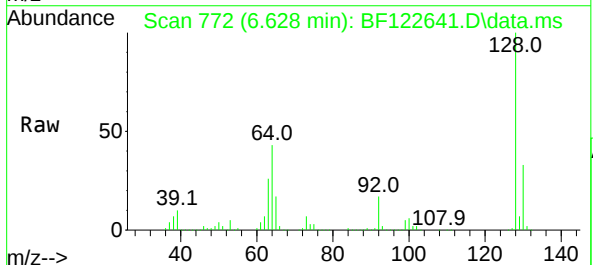


Tgt Ion: 99 Resp: 1611459

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 17.1  | 13.8  | 20.6  |
| 71  | 34.7  | 26.9  | 40.3  |

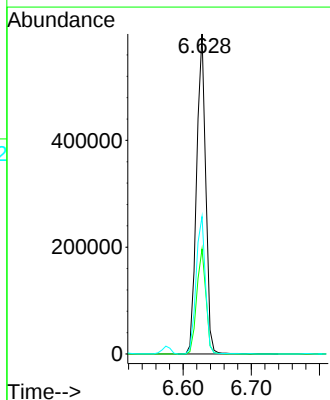
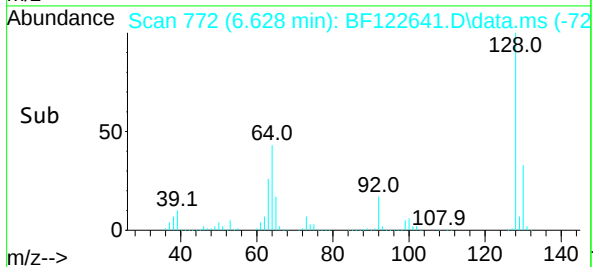


#8  
2-Chlorophenol  
Concen: 40.13 ng  
RT: 6.628 min Scan# 772  
Delta R.T. -0.000 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19



Tgt Ion: 128 Resp: 558071

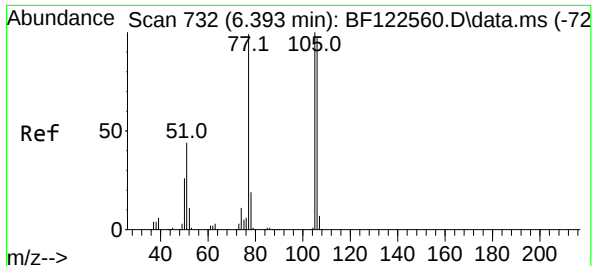
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 32.9  | 12.3  | 52.3  |
| 64  | 42.9  | 25.5  | 65.5  |



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ClientSampleId :  
PB133503BS

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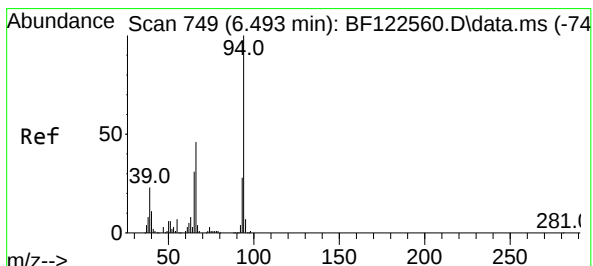
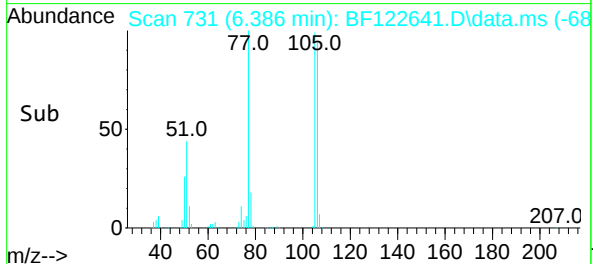
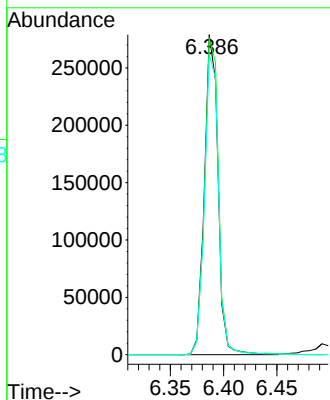
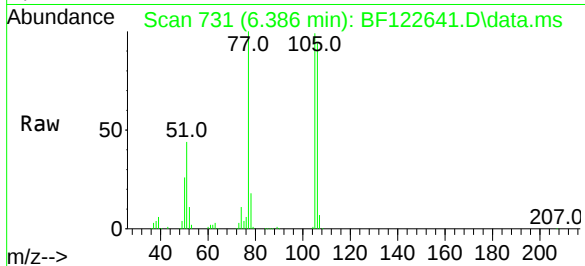
#9  
Benzaldehyde  
Concen: 24.57 ng  
RT: 6.386 min Scan# 731  
Delta R.T. -0.007 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 77    | Resp: | 248816 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 105      | 98.7  | 80.6  | 120.6  |
| 106      | 93.8  | 77.2  | 117.2  |

Instrument :  
BNA\_F  
ClientSampleId :  
PB133503BS

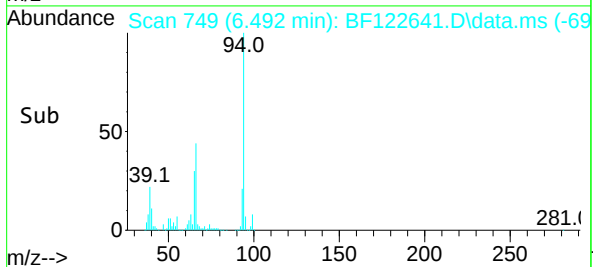
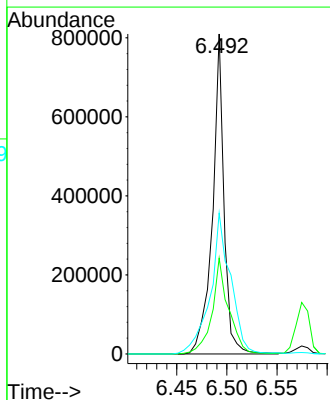
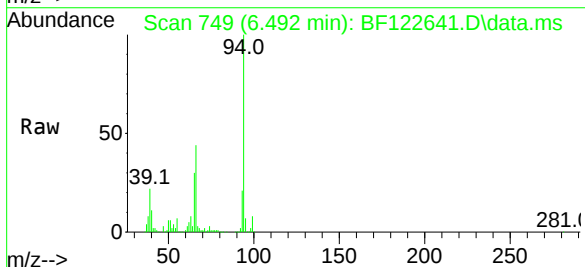
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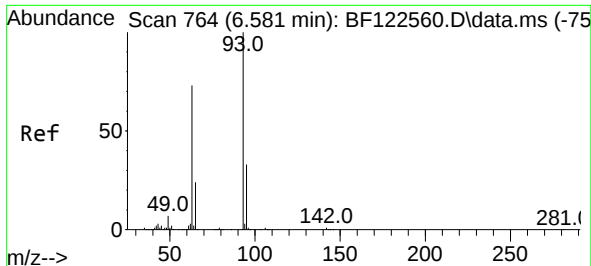
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#10  
Phenol  
Concen: 37.54 ng  
RT: 6.492 min Scan# 749  
Delta R.T. -0.000 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19

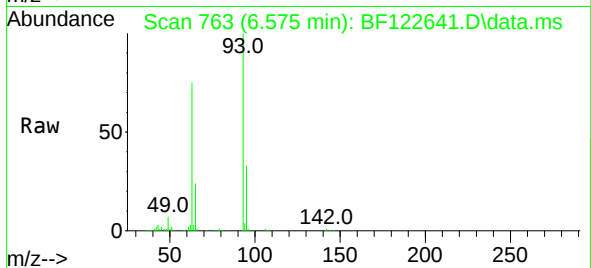
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 650898 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 29.9  | 11.2  | 51.2   |
| 66       | 44.1  | 25.8  | 65.8   |





#11  
bis(2-Chloroethyl)ether  
Concen: 38.96 ng  
RT: 6.575 min Scan# 763  
Delta R.T. -0.006 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19

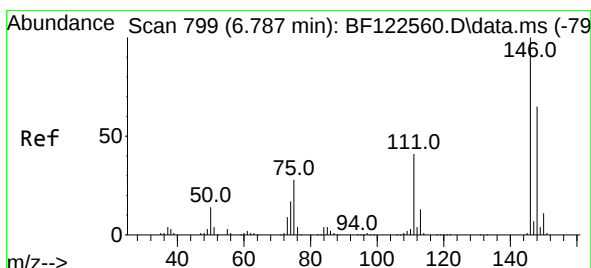
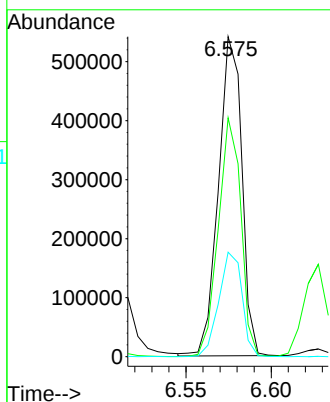
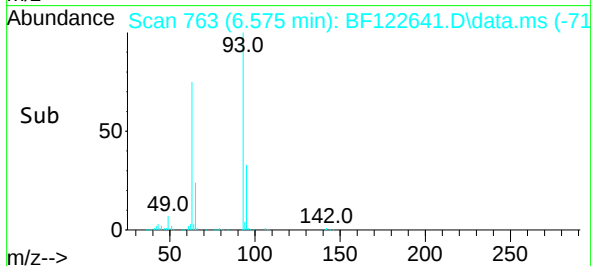
Instrument :  
BNA\_F  
ClientSampleId :  
PB133503BS



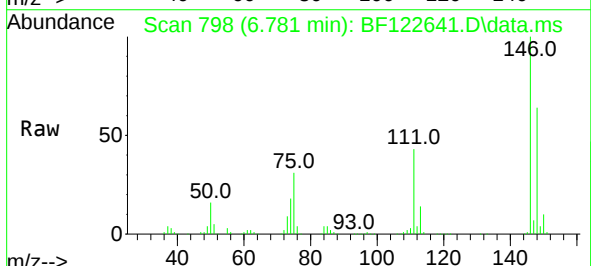
Tgt Ion: 93 Resp: 516032  
Ion Ratio Lower Upper  
93 100  
63 74.6 52.6 92.6  
95 32.6 12.6 52.6

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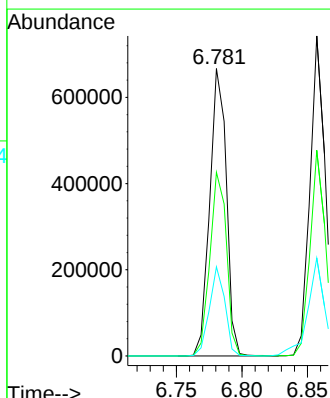
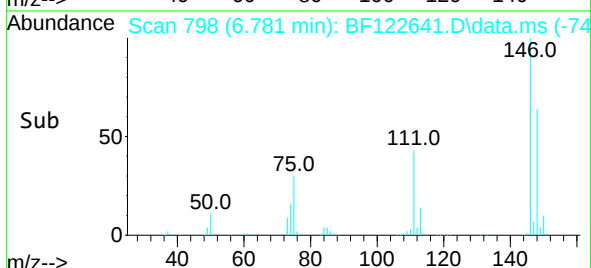
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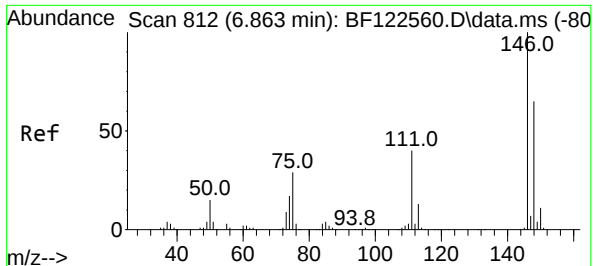


#12  
1,3-Dichlorobenzene  
Concen: 35.77 ng  
RT: 6.781 min Scan# 798  
Delta R.T. -0.006 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19



Tgt Ion: 146 Resp: 588577  
Ion Ratio Lower Upper  
146 100  
148 63.9 51.8 77.8  
75 31.0 22.5 33.7





#13

1,4-Dichlorobenzene

Concen: 35.57 ng

RT: 6.857 min Scan# 811

Delta R.T. -0.006 min

Lab File: BF122641.D

Acq: 10 Dec 2020 11:19

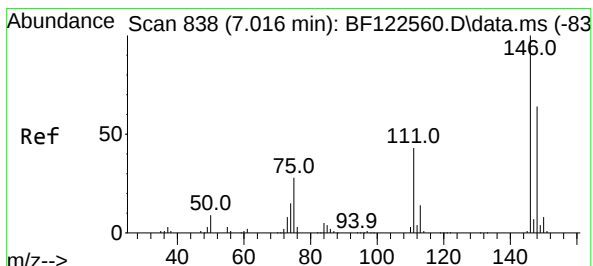
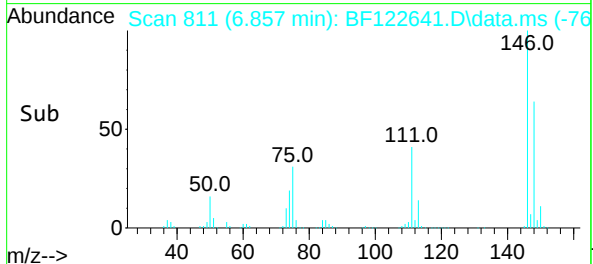
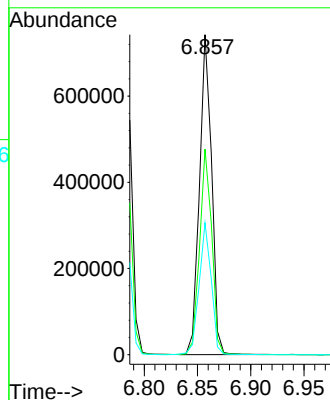
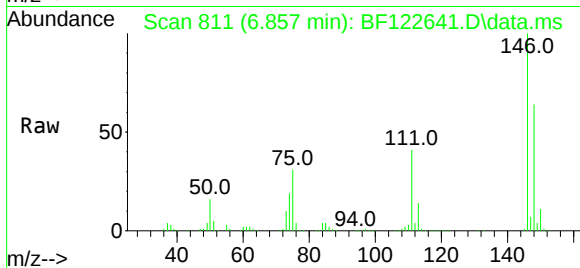
Tgt Ion:146 Resp: 590121

Ion Ratio Lower Upper

146 100

148 64.3 52.0 78.0

111 41.2 32.3 48.5



#14

1,2-Dichlorobenzene

Concen: 35.96 ng

RT: 7.010 min Scan# 837

Delta R.T. -0.006 min

Lab File: BF122641.D

Acq: 10 Dec 2020 11:19

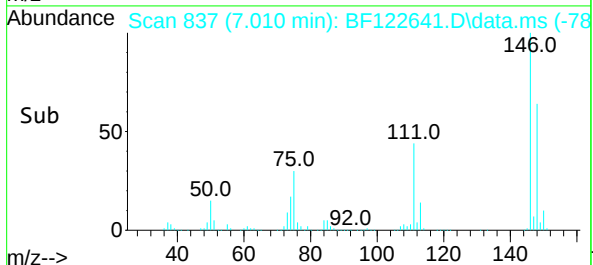
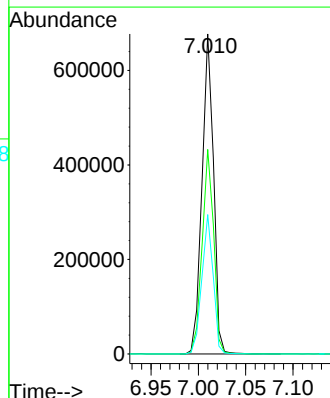
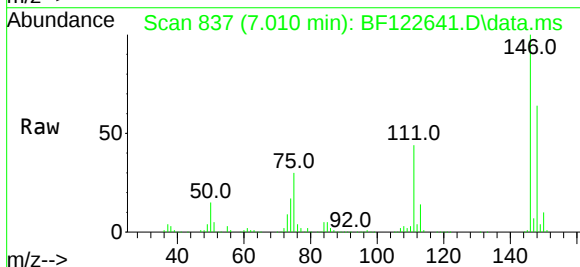
Tgt Ion:146 Resp: 575960

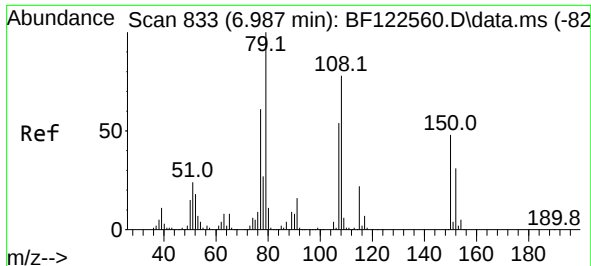
Ion Ratio Lower Upper

146 100

148 63.9 51.5 77.3

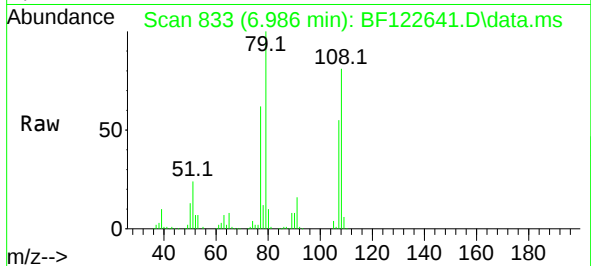
111 43.6 34.2 51.2



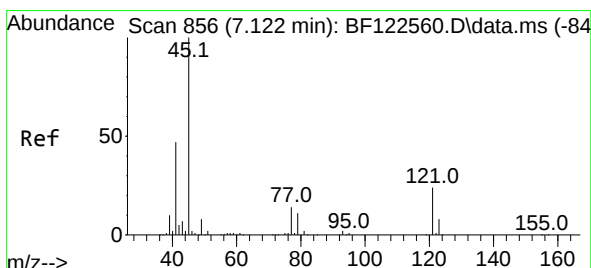
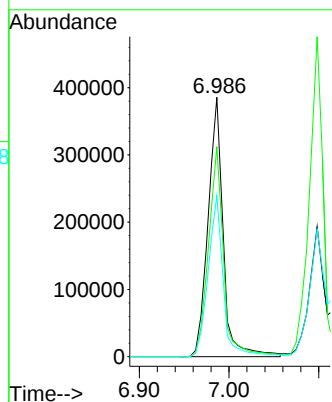
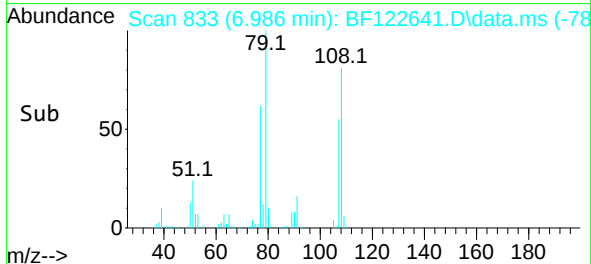


#15  
Benzyl Alcohol  
Concen: 39.17 ng  
RT: 6.986 min Scan# 833  
Delta R.T. -0.000 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19

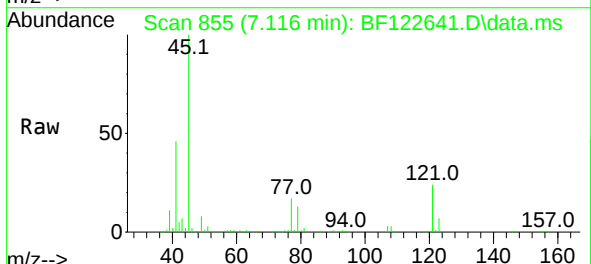
Instrument :  
BNA\_F  
ClientSampleId :  
PB133503BS



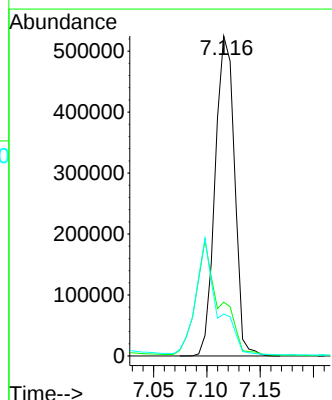
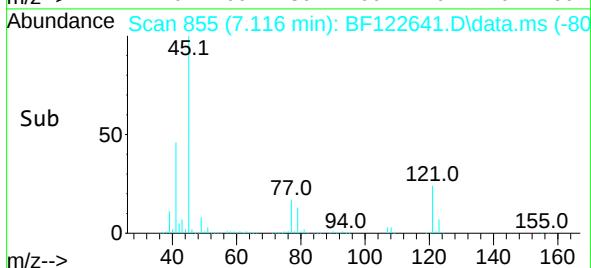
Tgt Ion: 79 Resp: 451257  
Ion Ratio Lower Upper  
79 100  
108 81.0 62.4 93.6  
77 62.1 49.0 73.6

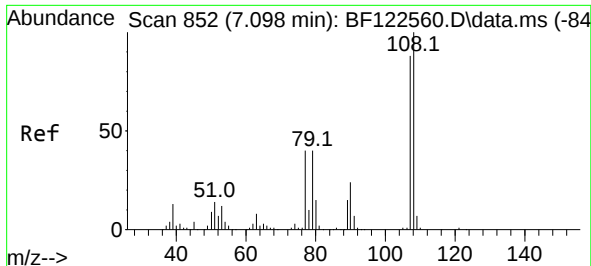


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 35.03 ng  
RT: 7.116 min Scan# 855  
Delta R.T. -0.006 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19

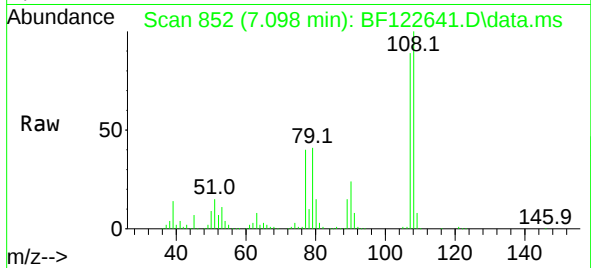


Tgt Ion: 45 Resp: 661577  
Ion Ratio Lower Upper  
45 100  
77 16.8 0.0 35.6  
79 13.1 0.0 32.4

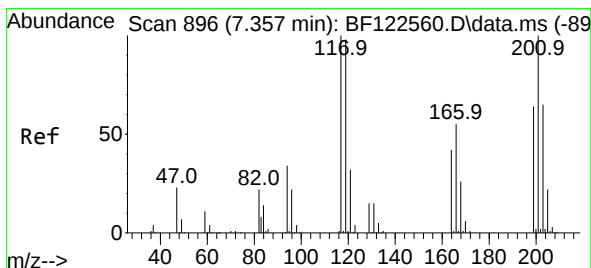
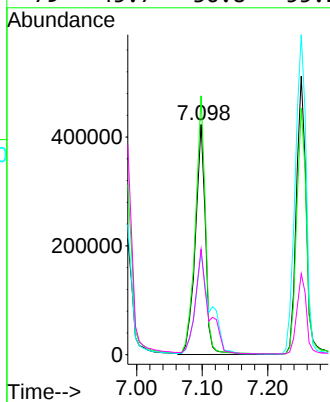
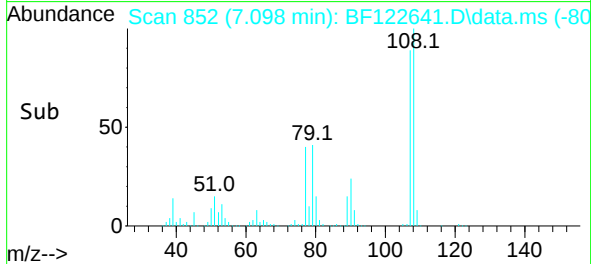




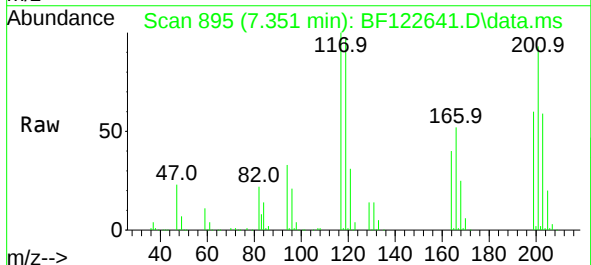
#17  
2-Methylphenol  
Concen: 41.50 ng  
RT: 7.098 min Scan# 852  
Delta R.T. -0.000 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19



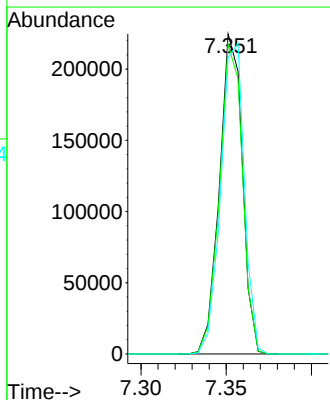
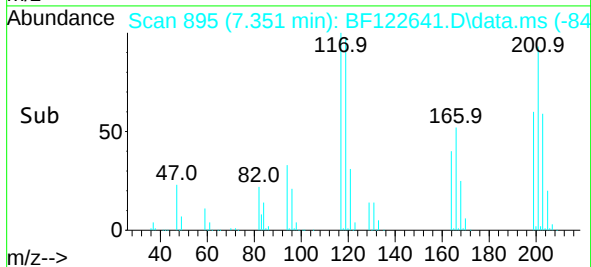
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 458746 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 112.5 | 91.1  | 136.7  |
| 77       | 44.8  | 36.3  | 54.5   |
| 79       | 45.7  | 36.8  | 55.2   |



#18  
Hexachloroethane  
Concen: 35.52 ng  
RT: 7.351 min Scan# 895  
Delta R.T. -0.006 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19



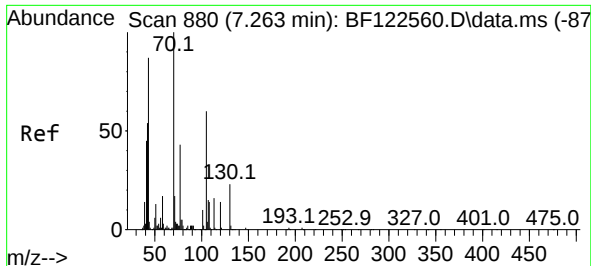
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 210022 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 96.7  | 78.4  | 117.6  |
| 201      | 92.8  | 79.6  | 119.4  |



Instrument :  
BNA\_F  
ClientSampleId :  
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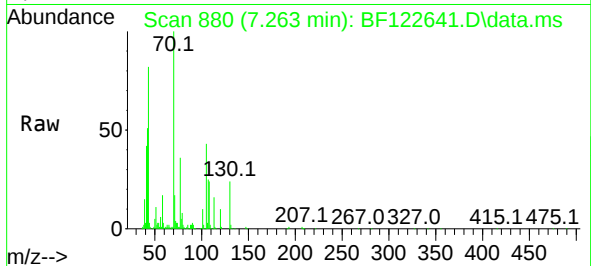
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#19  
n-Nitroso-di-n-propylamine  
Concen: 38.41 ng  
RT: 7.263 min Scan# 880  
Delta R.T. -0.000 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19

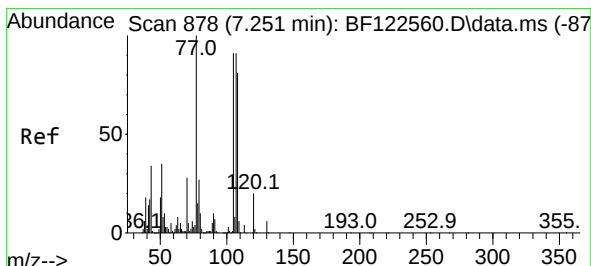
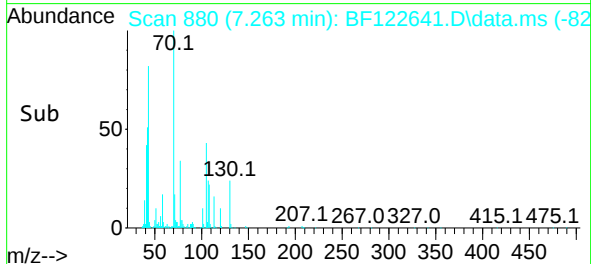
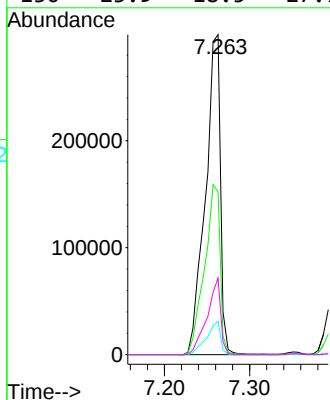
Instrument :  
BNA\_F  
ClientSampleId :  
PB133503BS



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 368121 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 50.8  | 43.0  | 64.4   |
| 101      | 10.5  | 7.9   | 11.9   |
| 130      | 23.9  | 18.5  | 27.7   |

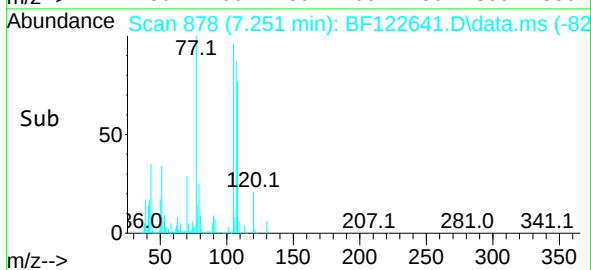
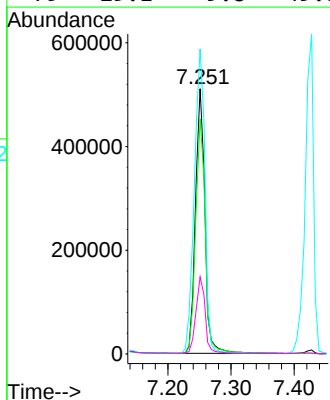
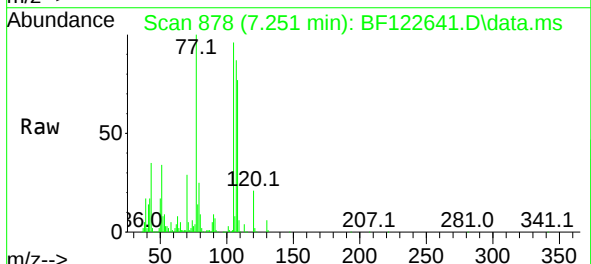
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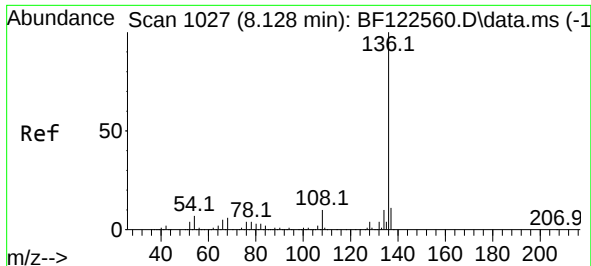
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#20  
3+4-Methylphenols  
Concen: 37.76 ng  
RT: 7.251 min Scan# 878  
Delta R.T. 0.000 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19

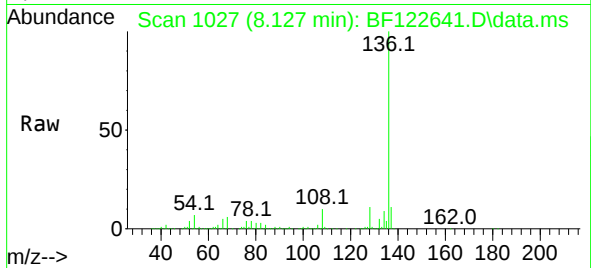
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 527319 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 88.6  | 68.7  | 108.7  |
| 77       | 114.9 | 89.8  | 129.8  |
| 79       | 29.1  | 9.8   | 49.8   |





#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.127 min Scan# 1027  
Delta R.T. -0.000 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19

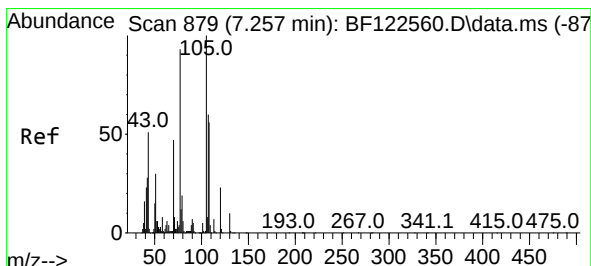
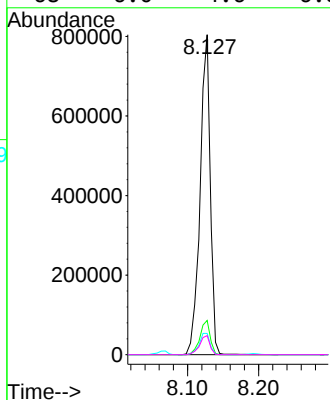
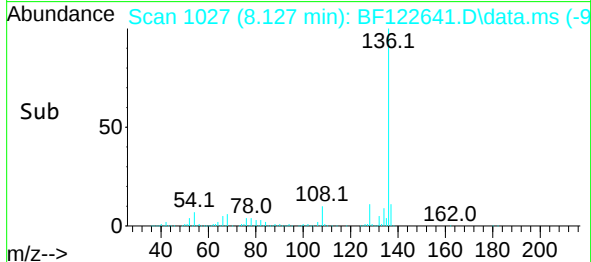
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ClientSampleId :  
PB133503BS



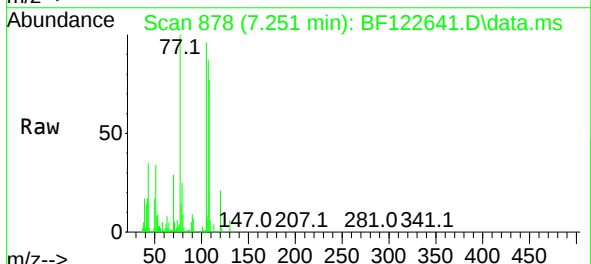
Tgt Ion:136 Resp: 804625  
Ion Ratio Lower Upper  
136 100  
137 10.7 8.8 13.2  
54 6.7 5.5 8.3  
68 6.0 4.6 6.8

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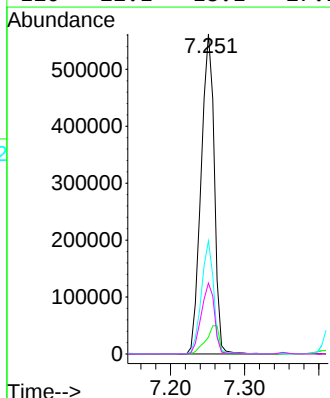
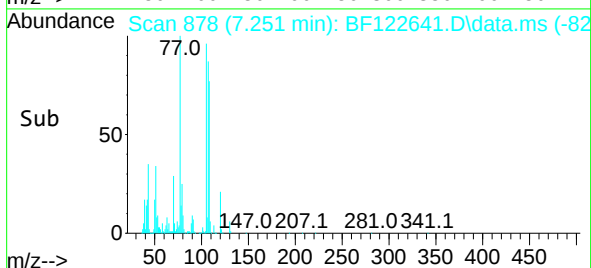
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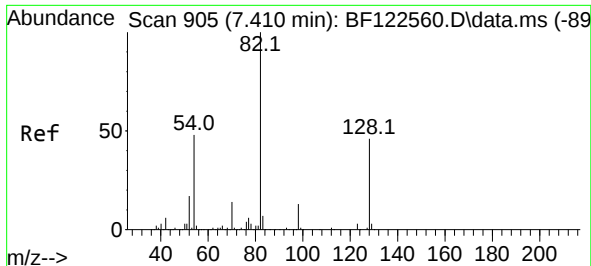


#22  
Acetophenone  
Concen: 34.83 ng  
RT: 7.251 min Scan# 878  
Delta R.T. -0.006 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19



Tgt Ion:105 Resp: 696880  
Ion Ratio Lower Upper  
105 100  
71 5.3 6.5 9.7#  
51 35.3 24.3 36.5  
120 22.1 18.1 27.1





#23  
Nitrobenzene-d5  
Concen: 63.67 ng  
RT: 7.410 min Scan# 905  
Delta R.T. -0.000 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19

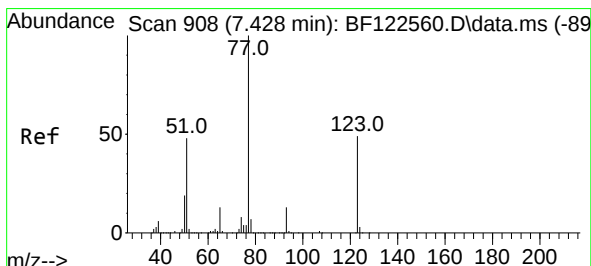
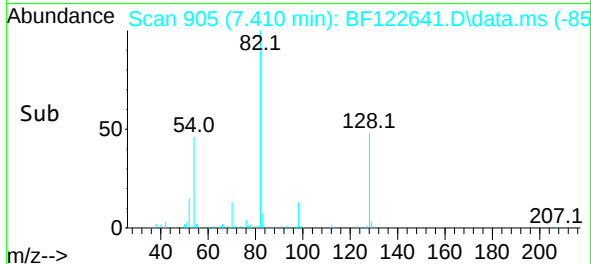
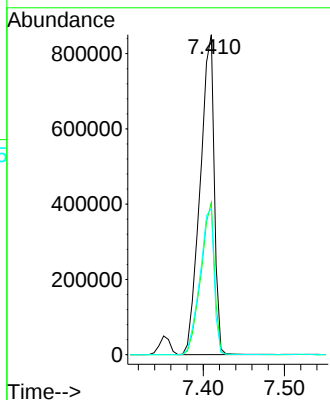
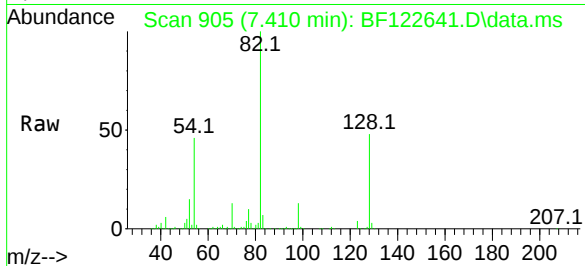
Tgt Ion: 82 Resp: 1022506

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 47.6  | 37.0  | 55.4  |
| 54  | 45.7  | 38.4  | 57.6  |

Instrument :  
BNA\_F  
ClientSampleId :  
PB133503BS

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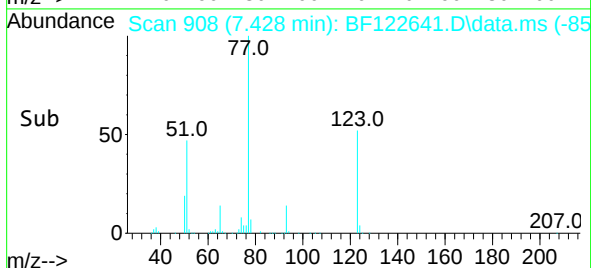
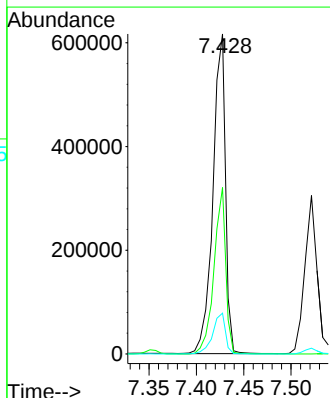
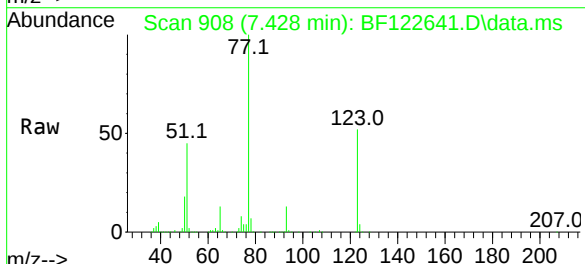
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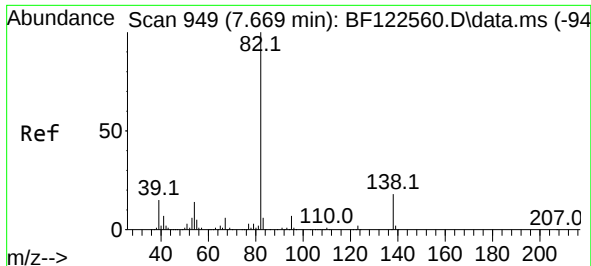


#24  
Nitrobenzene  
Concen: 35.35 ng  
RT: 7.428 min Scan# 908  
Delta R.T. -0.000 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19

Tgt Ion: 77 Resp: 564741

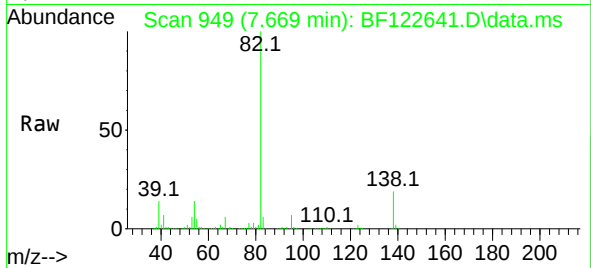
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 52.0  | 39.3  | 58.9  |
| 65  | 12.8  | 10.6  | 15.8  |





#25  
Isophorone  
Concen: 36.96 ng  
RT: 7.669 min Scan# 949  
Delta R.T. -0.000 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19

Instrument :  
BNA\_F  
ClientSampleId :  
PB133503BS

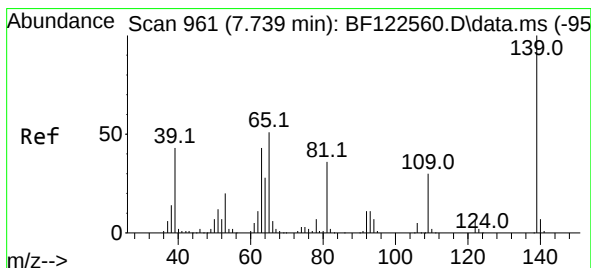
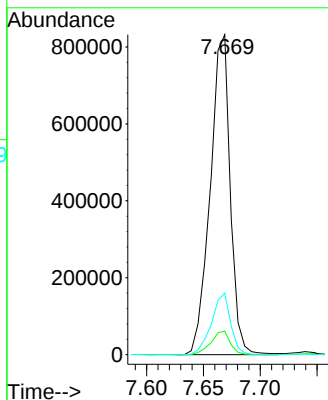
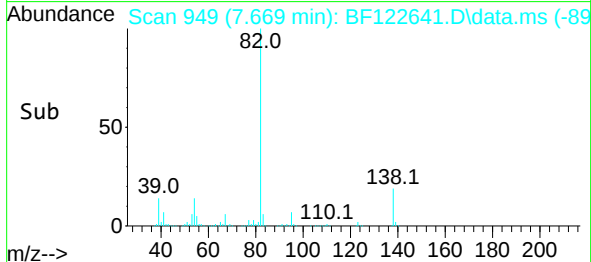


Tgt Ion: 82 Resp: 1022295

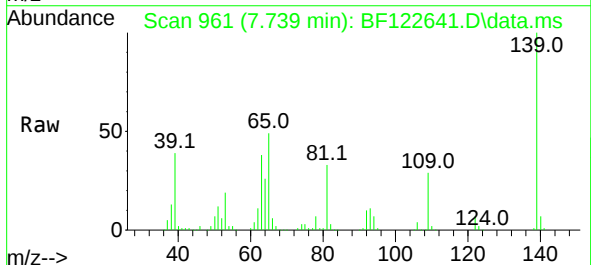
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 95  | 7.3   | 5.8   | 8.6   |
| 138 | 19.3  | 14.6  | 21.8  |

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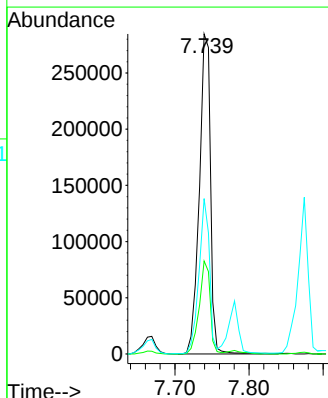
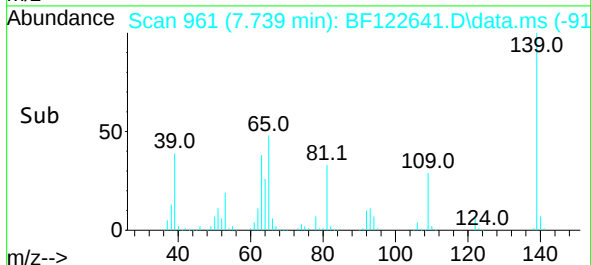


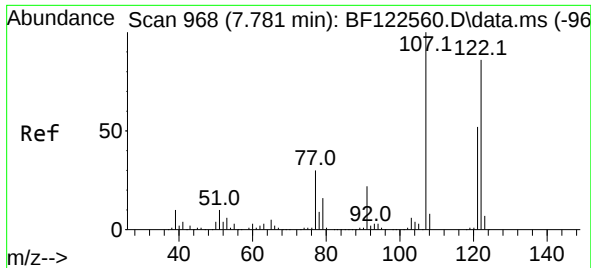
#26  
2-Nitrophenol  
Concen: 38.45 ng  
RT: 7.739 min Scan# 961  
Delta R.T. -0.000 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19



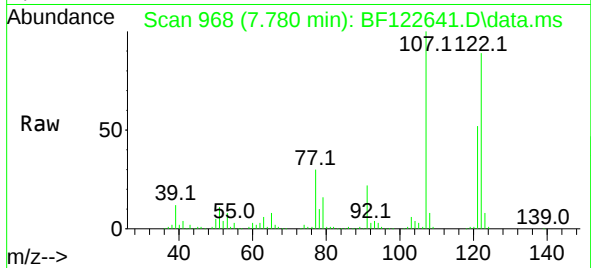
Tgt Ion: 139 Resp: 299571

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 139 | 100   |       |       |
| 109 | 29.1  | 24.0  | 36.0  |
| 65  | 48.6  | 40.9  | 61.3  |

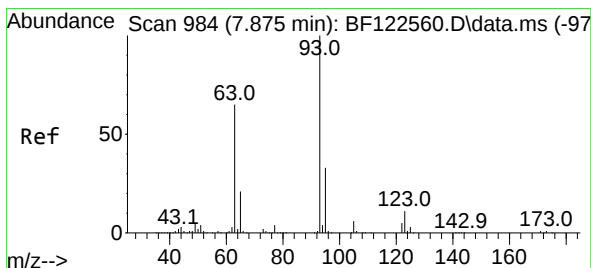
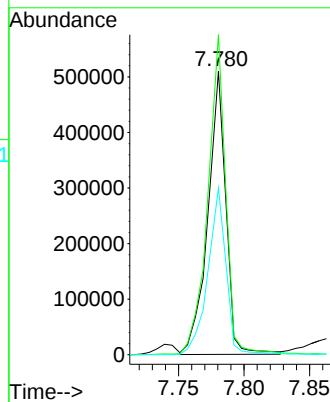
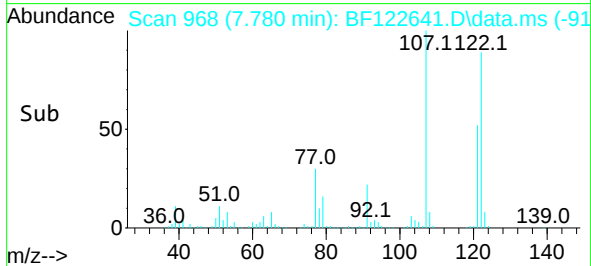




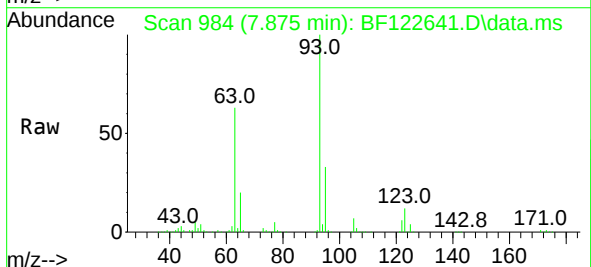
#27  
2,4-Dimethylphenol  
Concen: 42.86 ng  
RT: 7.780 min Scan# 968  
Delta R.T. -0.000 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19



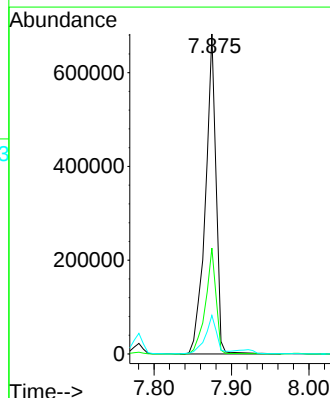
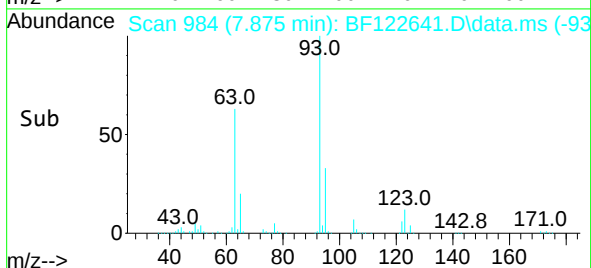
Tgt Ion:122 Resp: 489461  
Ion Ratio Lower Upper  
122 100  
107 112.8 91.8 137.8  
121 58.8 47.3 70.9



#28  
bis(2-Chloroethoxy)methane  
Concen: 34.36 ng  
RT: 7.875 min Scan# 984  
Delta R.T. -0.000 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19



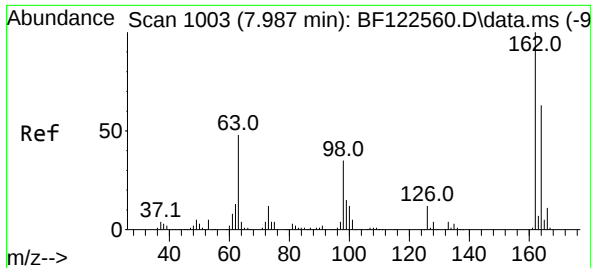
Tgt Ion: 93 Resp: 650907  
Ion Ratio Lower Upper  
93 100  
95 33.1 26.2 39.2  
123 12.1 9.2 13.8



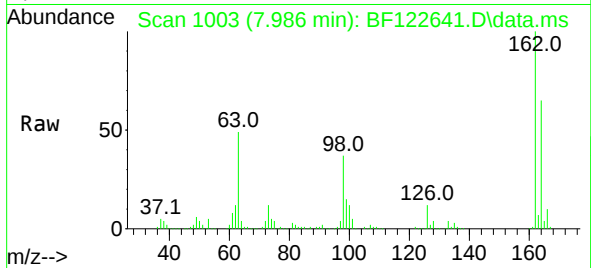
Instrument :  
BNA\_F  
ClientSampleId :  
PB133503BS

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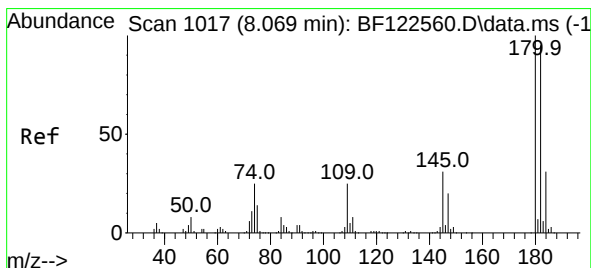
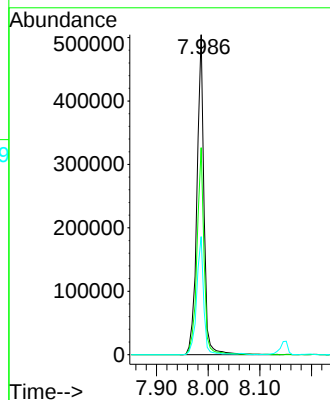
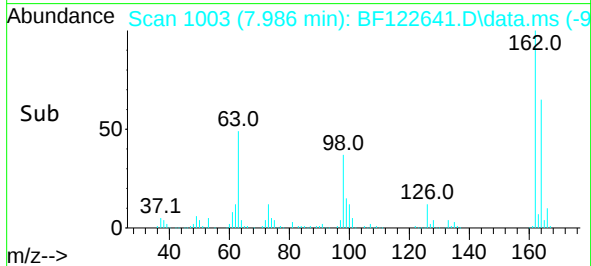
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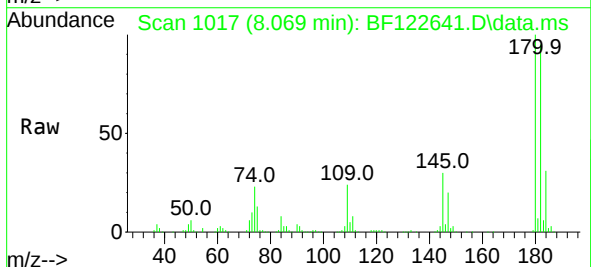
#29  
2,4-Dichlorophenol  
Concen: 35.89 ng  
RT: 7.986 min Scan# 1003  
Delta R.T. -0.000 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19



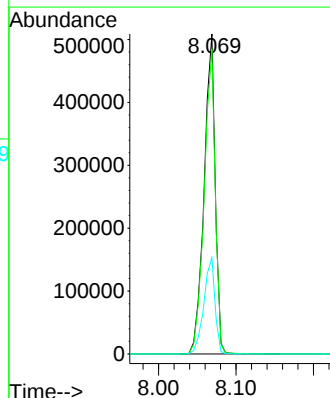
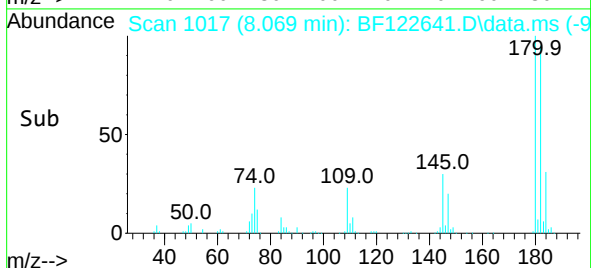
Tgt Ion:162 Resp: 478636  
Ion Ratio Lower Upper  
162 100  
164 64.7 43.2 83.2  
98 36.9 15.2 55.2



#30  
1,2,4-Trichlorobenzene  
Concen: 33.49 ng  
RT: 8.069 min Scan# 1017  
Delta R.T. -0.000 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19



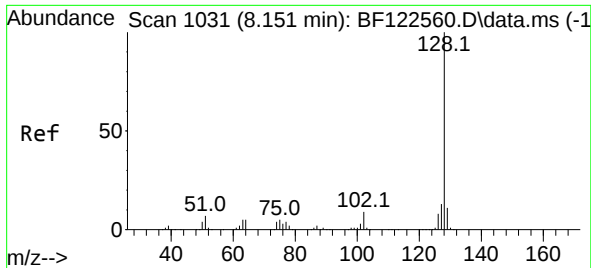
Tgt Ion:180 Resp: 506002  
Ion Ratio Lower Upper  
180 100  
182 95.1 75.7 113.5  
145 30.1 25.0 37.4



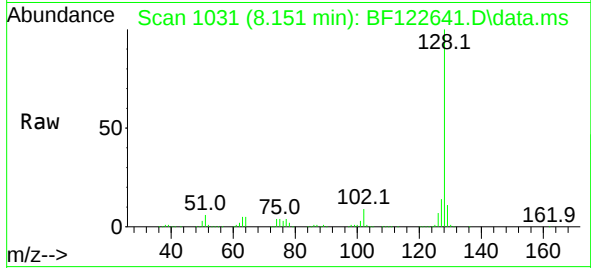
Instrument :  
BNA\_F  
ClientSampleId :  
PB133503BS

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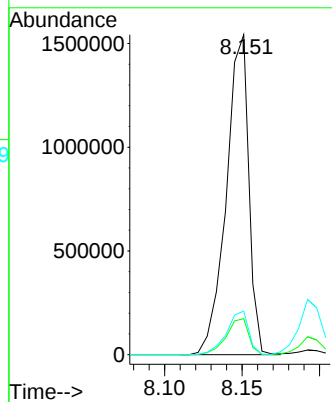
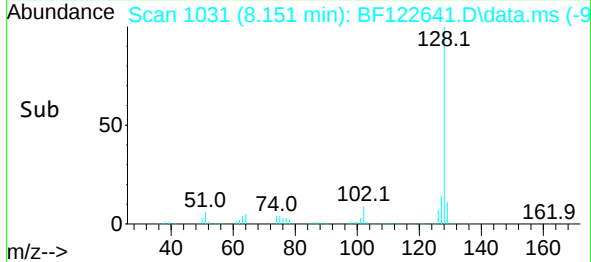


#31  
Naphthalene  
Concen: 35.09 ng  
RT: 8.151 min Scan# 1031  
Delta R.T. -0.000 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19



Tgt Ion:128 Resp: 1557849

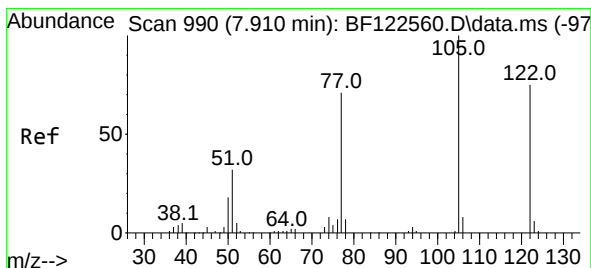
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 129 | 11.3  | 9.0   | 13.6  |
| 127 | 13.6  | 10.7  | 16.1  |



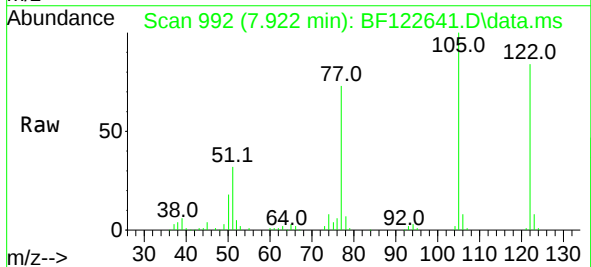
Instrument :  
BNA\_F  
ClientSampleId :  
PB133503BS

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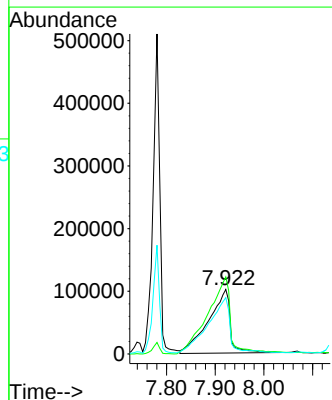
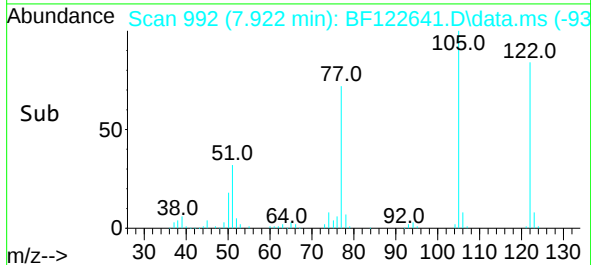


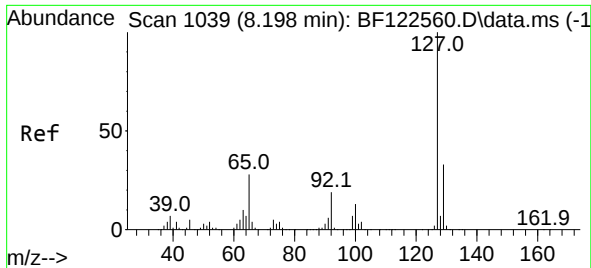
#32  
Benzoic acid  
Concen: 34.72 ng  
RT: 7.922 min Scan# 992  
Delta R.T. 0.012 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19



Tgt Ion:122 Resp: 315961

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 122 | 100   |       |       |
| 105 | 119.6 | 104.8 | 144.8 |
| 77  | 87.4  | 71.0  | 111.0 |





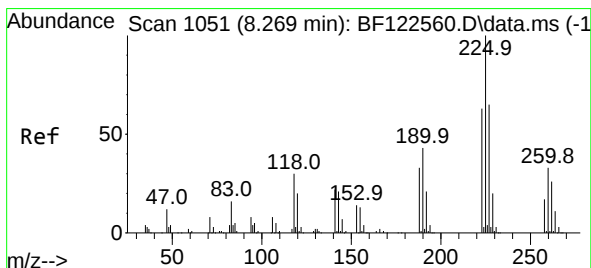
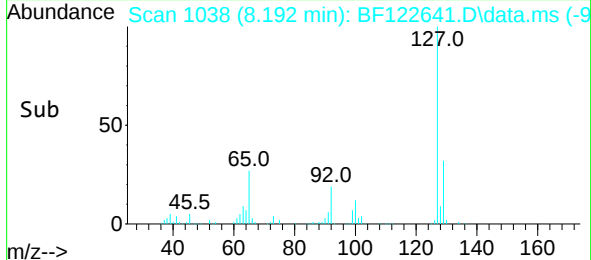
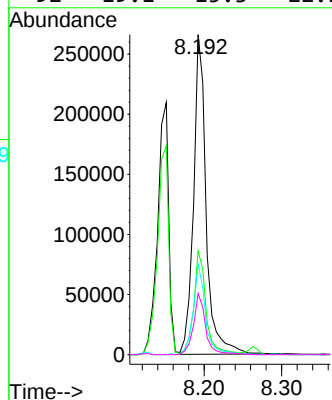
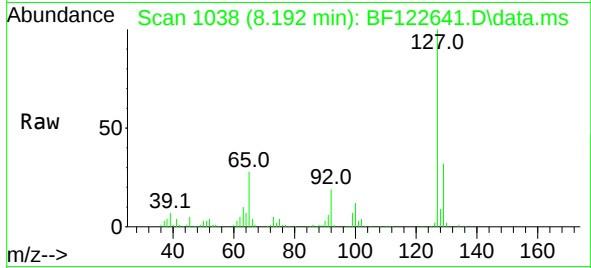
#33  
4-Chloroaniline  
Concen: 16.22 ng  
RT: 8.192 min Scan# 1038  
Delta R.T. -0.006 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19

Instrument :  
BNA\_F  
ClientSampleId :  
PB133503BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 32.3  | 26.2  | 39.2  |
| 65      | 28.2  | 22.2  | 33.2  |
| 92      | 19.1  | 15.3  | 22.9  |

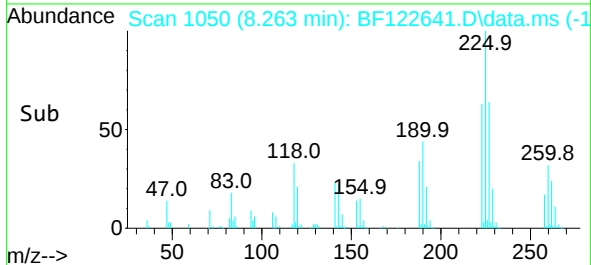
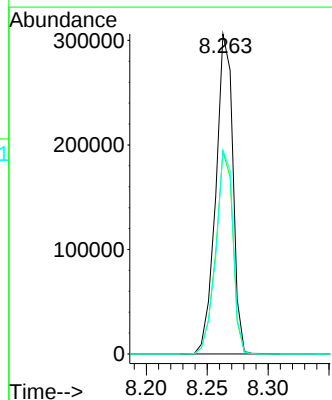
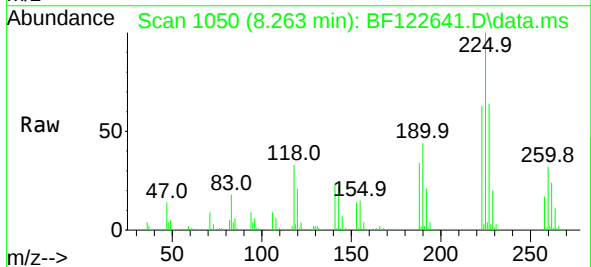
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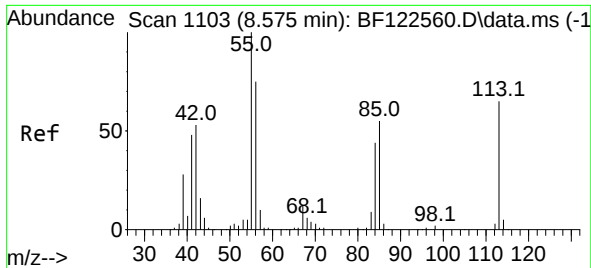
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#34  
Hexachlorobutadiene  
Concen: 32.05 ng  
RT: 8.263 min Scan# 1050  
Delta R.T. -0.006 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 63.4  | 50.7  | 76.1  |
| 227     | 63.6  | 51.7  | 77.5  |





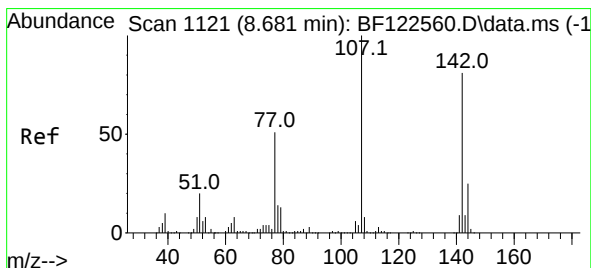
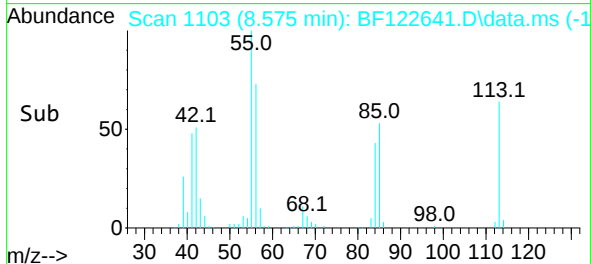
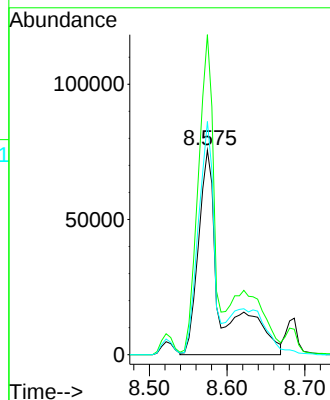
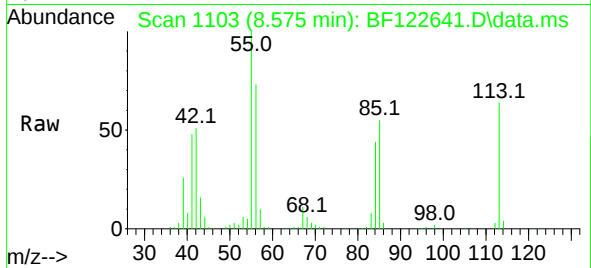
#35  
Caprolactam  
Concen: 38.40 ng m  
RT: 8.575 min Scan# 1103  
Delta R.T. -0.000 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19

Tgt Ion:113 Resp: 154257  
Ion Ratio Lower Upper  
113 100  
55 156.5 133.7 173.7  
56 114.0 95.3 135.3

Instrument :  
BNA\_F  
ClientSampleId :  
PB133503BS

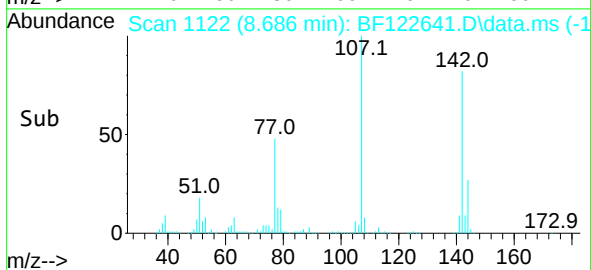
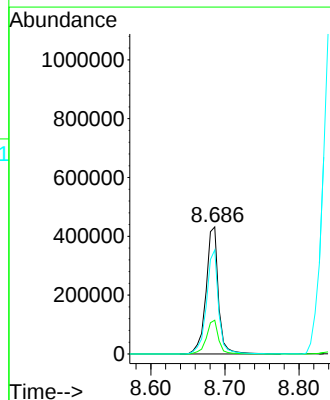
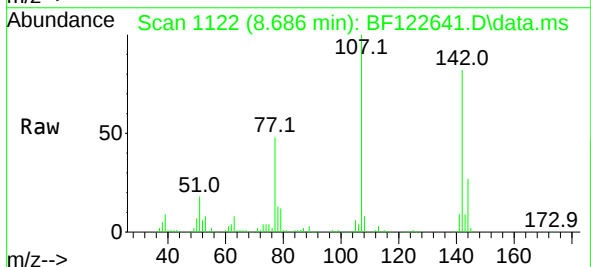
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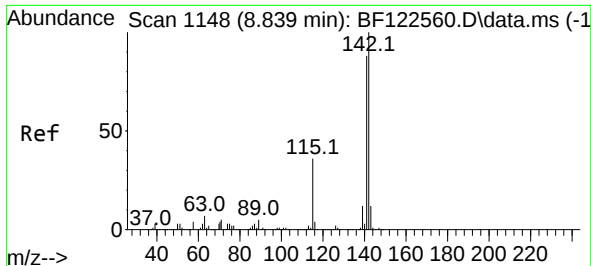
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#36  
4-Chloro-3-methylphenol  
Concen: 38.20 ng  
RT: 8.686 min Scan# 1122  
Delta R.T. 0.006 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19

Tgt Ion:107 Resp: 501912  
Ion Ratio Lower Upper  
107 100  
144 26.5 20.2 30.2  
142 81.8 64.4 96.6





#37  
2-Methylnaphthalene  
Concen: 35.55 ng  
RT: 8.839 min Scan# 1148  
Delta R.T. -0.000 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19

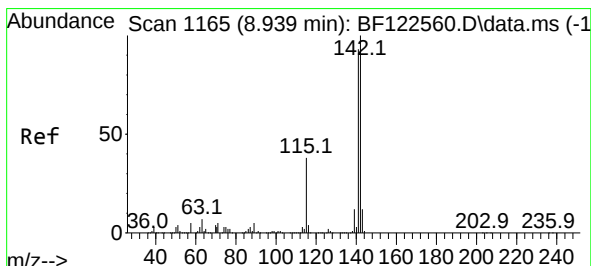
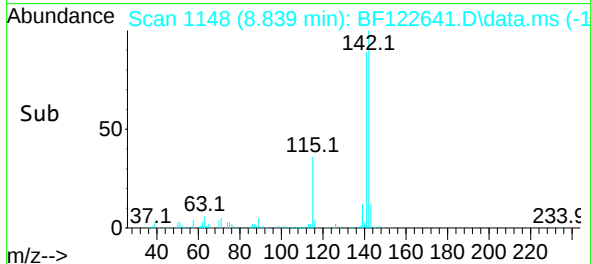
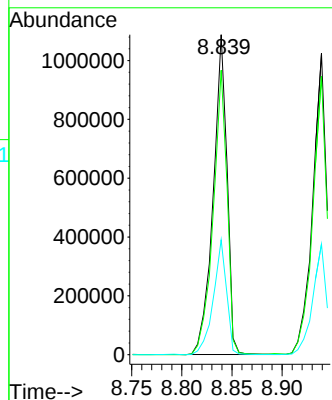
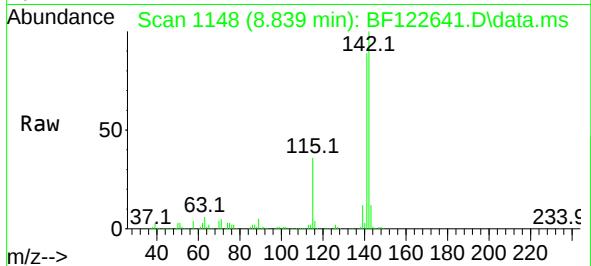
Tgt Ion:142 Resp: 1044095

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 142 | 100   |       |       |
| 141 | 88.9  | 70.6  | 106.0 |
| 115 | 35.9  | 28.7  | 43.1  |

Instrument :  
BNA\_F  
ClientSampleId :  
PB133503BS

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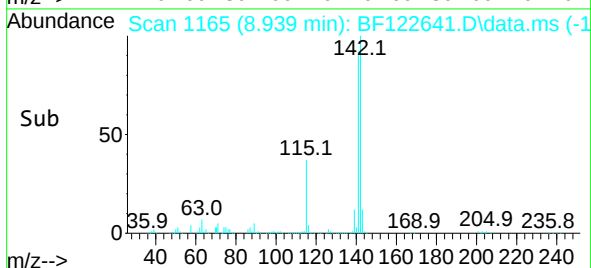
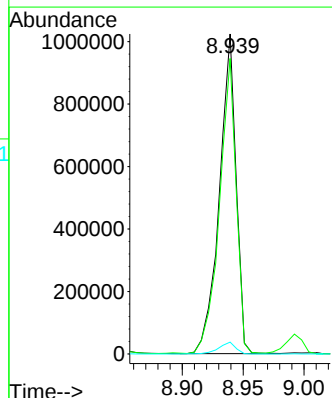
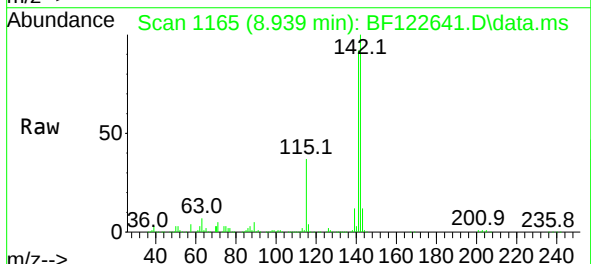
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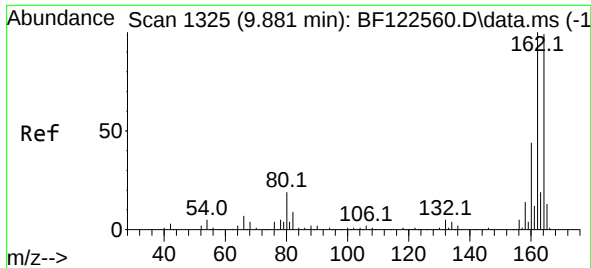


#38  
1-Methylnaphthalene  
Concen: 35.21 ng  
RT: 8.939 min Scan# 1165  
Delta R.T. -0.000 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19

Tgt Ion:142 Resp: 978317

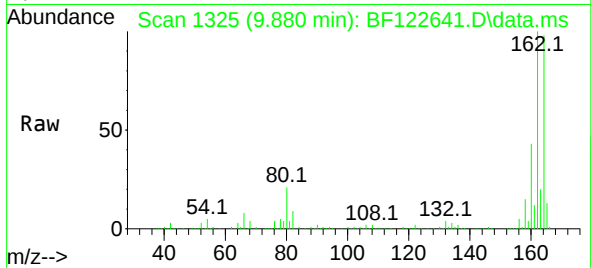
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 142 | 100   |       |       |
| 141 | 92.4  | 74.5  | 111.7 |
| 116 | 3.7   | 3.2   | 4.8   |





#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.880 min Scan# 1325  
Delta R.T. -0.001 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19

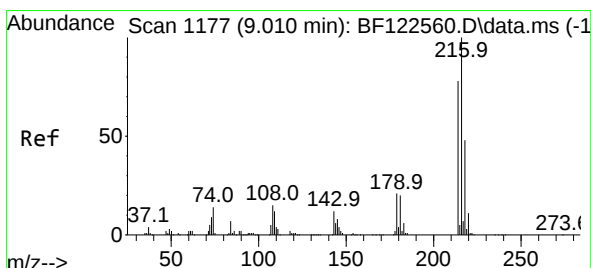
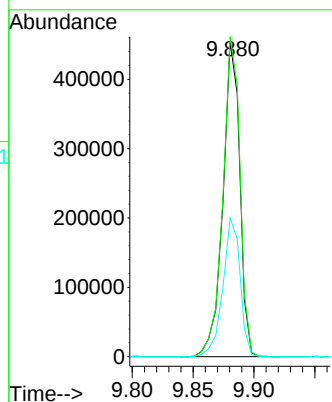
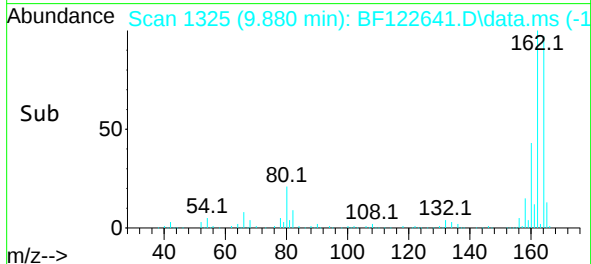
Instrument :  
BNA\_F  
ClientSampleId :  
PB133503BS



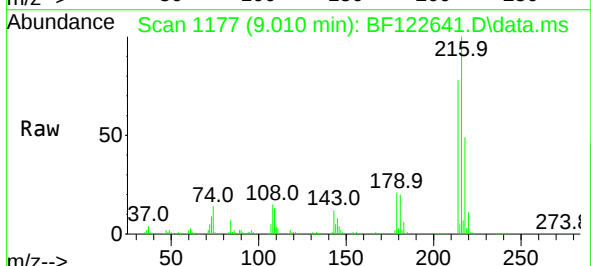
Tgt Ion:164 Resp: 439481  
Ion Ratio Lower Upper  
164 100  
162 101.5 80.8 121.2  
160 44.0 35.4 53.0

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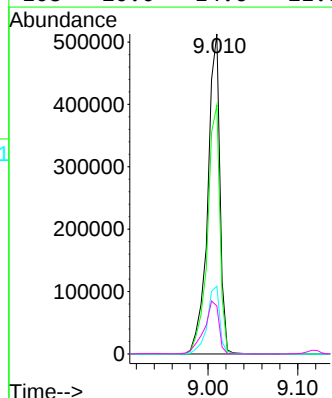
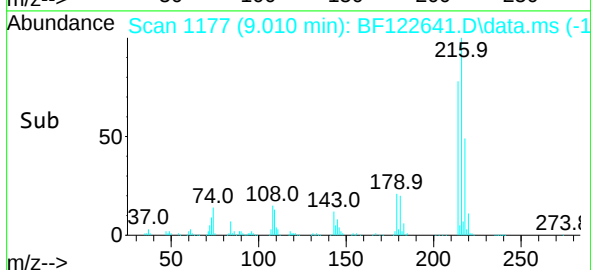
mohammad  
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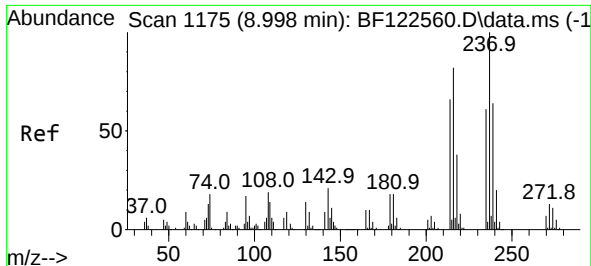


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 33.26 ng  
RT: 9.010 min Scan# 1177  
Delta R.T. -0.000 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19



Tgt Ion:216 Resp: 484223  
Ion Ratio Lower Upper  
216 100  
214 79.0 63.1 94.7  
179 21.6 17.1 25.7  
108 20.0 14.6 21.8





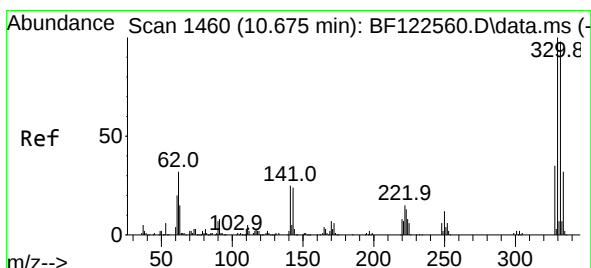
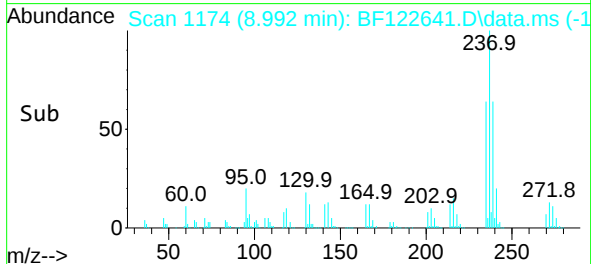
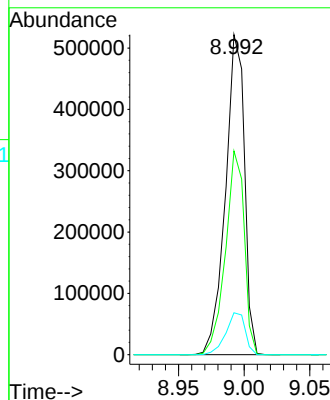
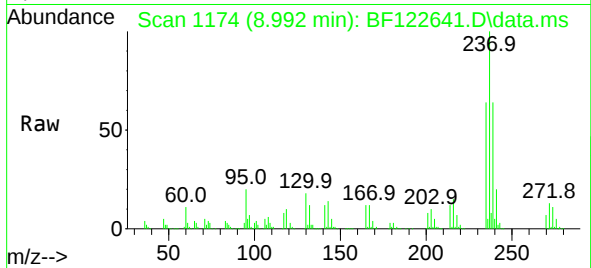
#41  
Hexachlorocyclopentadiene  
Concen: 81.75 ng  
RT: 8.992 min Scan# 1174  
Delta R.T. -0.006 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 237   | Resp: | 526156 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 63.7  | 40.9  | 80.9   |
| 272       | 13.1  | 0.0   | 33.4   |

Instrument :  
BNA\_F  
ClientSampleId :  
PB133503BS

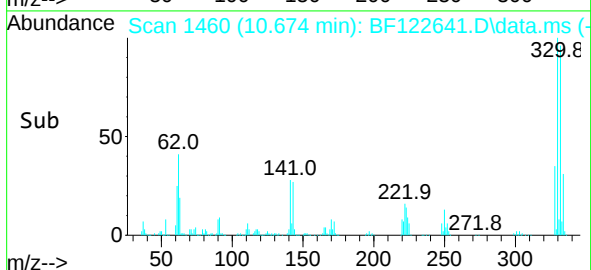
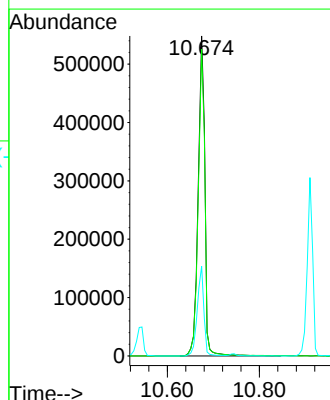
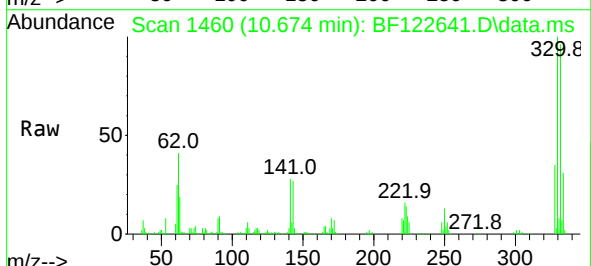
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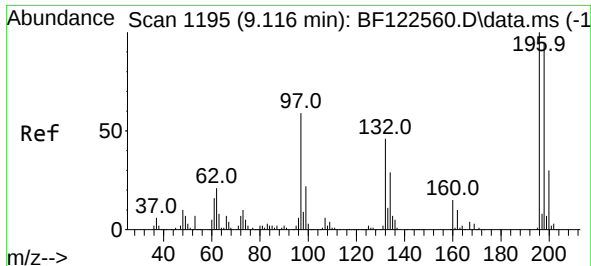
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#42  
2,4,6-Tribromophenol  
Concen: 95.79 ng  
RT: 10.674 min Scan# 1460  
Delta R.T. -0.000 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19

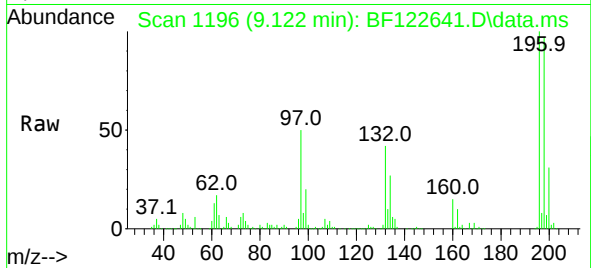
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 551049 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 95.7  | 77.5  | 116.3  |
| 141       | 27.5  | 23.8  | 35.8   |





#43  
2,4,6-Trichlorophenol  
Concen: 34.88 ng  
RT: 9.122 min Scan# 1196  
Delta R.T. 0.006 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19

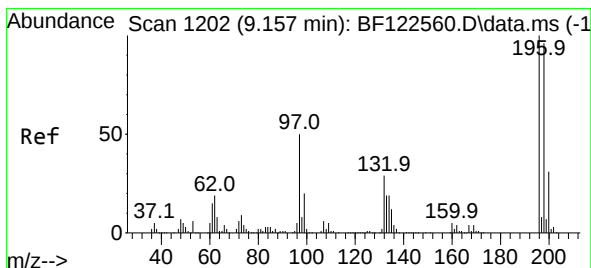
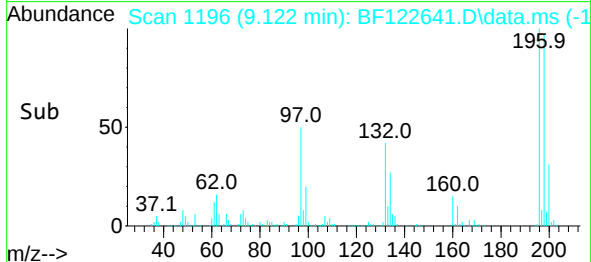
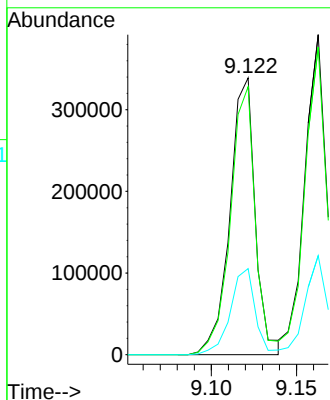
Instrument :  
BNA\_F  
ClientSampled :  
PB133503BS



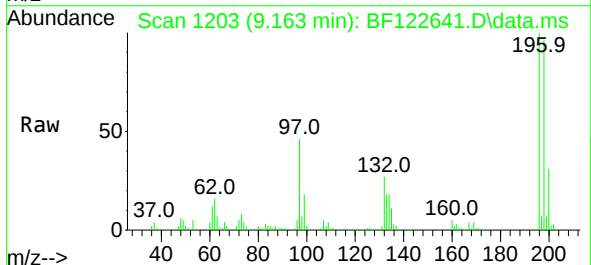
Tgt Ion:196 Resp: 350618  
Ion Ratio Lower Upper  
196 100  
198 96.8 75.1 112.7  
200 31.1 23.7 35.5

Manual Integrations  
APPROVED

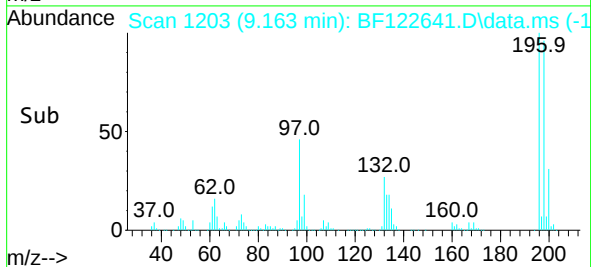
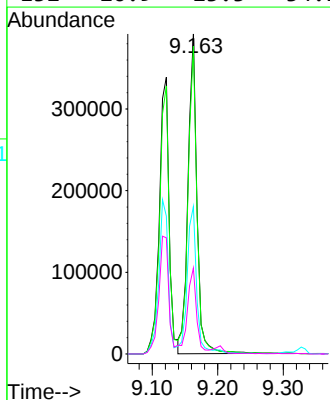
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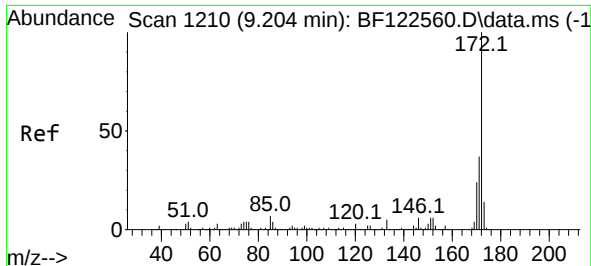


#44  
2,4,5-Trichlorophenol  
Concen: 35.78 ng  
RT: 9.163 min Scan# 1203  
Delta R.T. 0.006 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19



Tgt Ion:196 Resp: 371844  
Ion Ratio Lower Upper  
196 100  
198 96.1 76.5 114.7  
97 46.0 40.1 60.1  
132 26.9 23.3 34.9





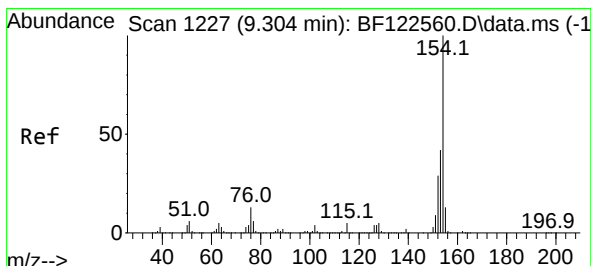
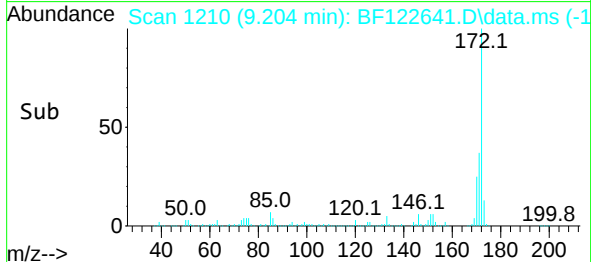
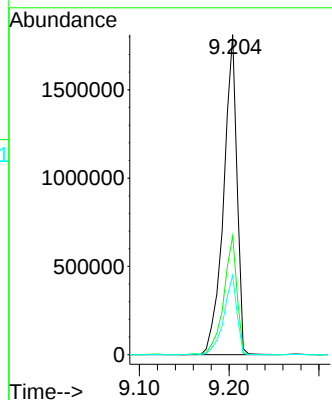
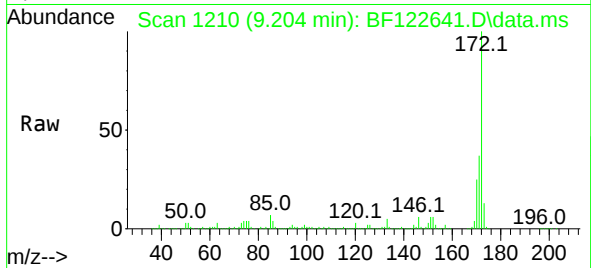
#45  
2-Fluorobiphenyl  
Concen: 57.67 ng  
RT: 9.204 min Scan# 1210  
Delta R.T. -0.000 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19

Tgt Ion:172 Resp: 1873757  
Ion Ratio Lower Upper  
172 100  
171 37.1 29.6 44.4  
170 24.8 19.5 29.3

Instrument :  
BNA\_F  
ClientSampleId :  
PB133503BS

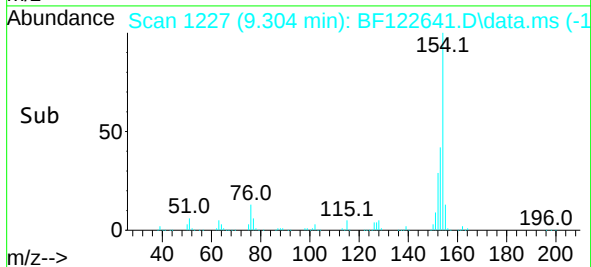
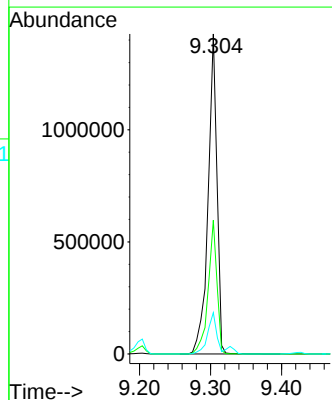
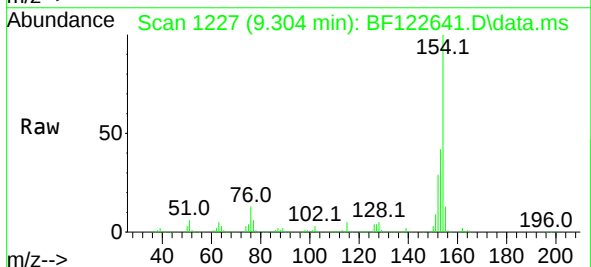
Manual Integrations  
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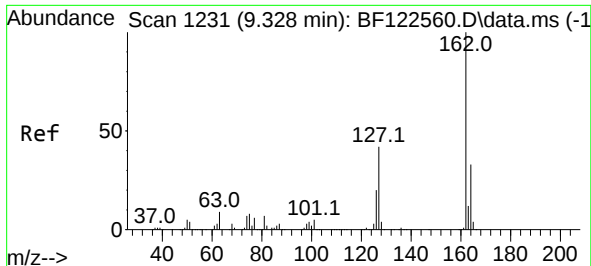
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#46  
1,1'-Biphenyl  
Concen: 34.22 ng  
RT: 9.304 min Scan# 1227  
Delta R.T. -0.000 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19

Tgt Ion:154 Resp: 1248155  
Ion Ratio Lower Upper  
154 100  
153 41.8 21.8 61.8  
76 12.9 0.0 33.4





#47  
2-Chloronaphthalene  
Concen: 33.18 ng  
RT: 9.327 min Scan# 1231  
Delta R.T. -0.000 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19

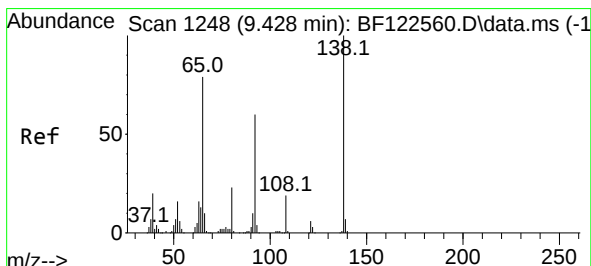
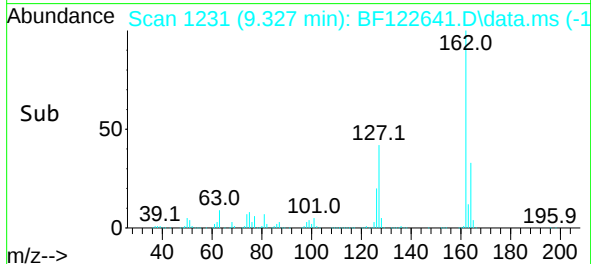
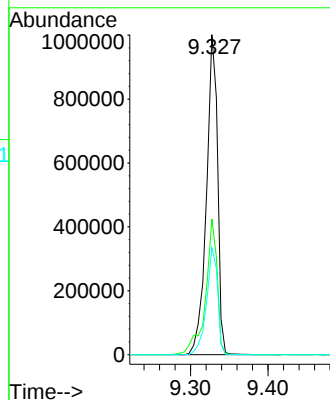
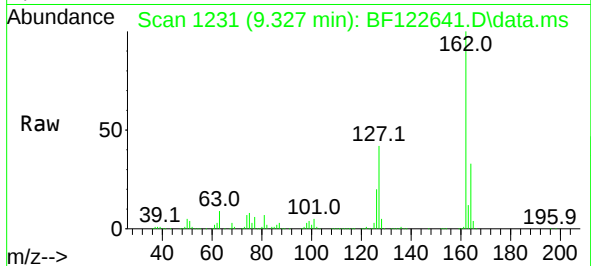
Tgt Ion: 162 Resp: 1002714

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 162 | 100   |       |       |
| 127 | 42.4  | 33.8  | 50.8  |
| 164 | 33.5  | 26.5  | 39.7  |

Instrument :  
BNA\_F  
ClientSampleId :  
PB133503BS

Manual Integrations  
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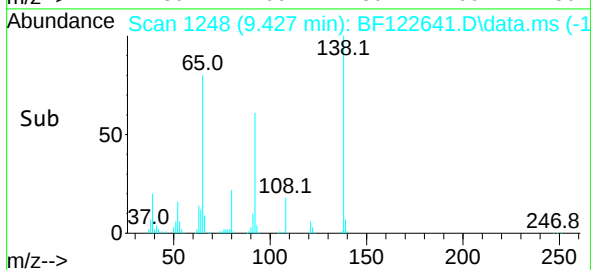
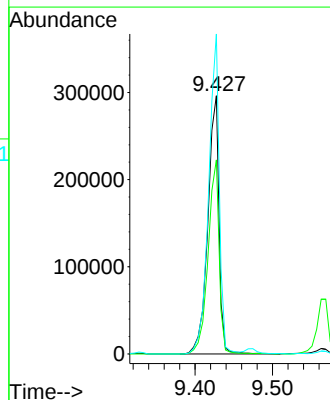
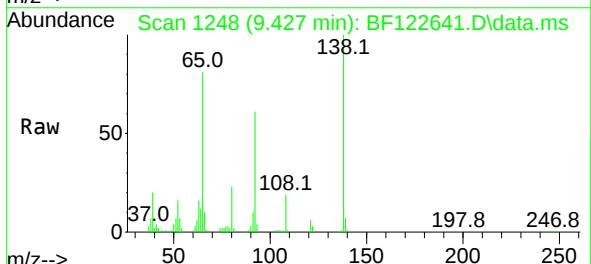
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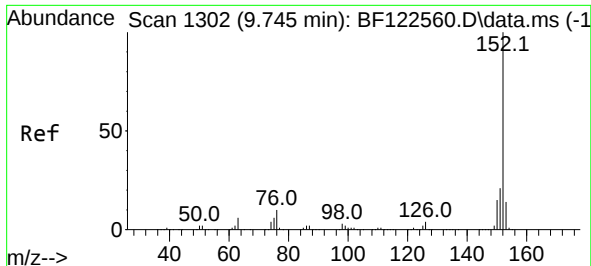


#48  
2-Nitroaniline  
Concen: 33.80 ng  
RT: 9.427 min Scan# 1248  
Delta R.T. -0.000 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19

Tgt Ion: 65 Resp: 297751

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 65  | 100   |       |       |
| 92  | 75.2  | 60.0  | 90.0  |
| 138 | 123.9 | 100.6 | 151.0 |





#49

Acenaphthylene

Concen: 34.88 ng

RT: 9.745 min Scan# 1302

Delta R.T. -0.000 min

Lab File: BF122641.D

Acq: 10 Dec 2020 11:19

Tgt Ion:152 Resp: 1556997

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 21.1  | 16.6  | 25.0  |
| 153 | 13.5  | 10.9  | 16.3  |

Instrument :

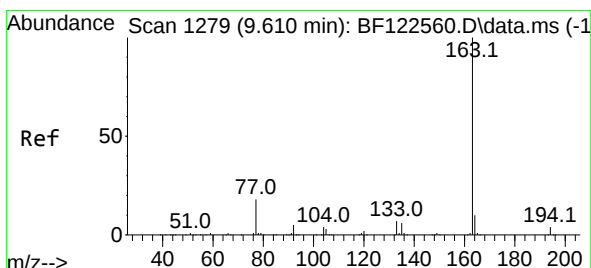
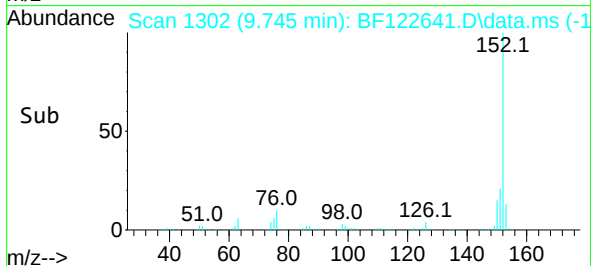
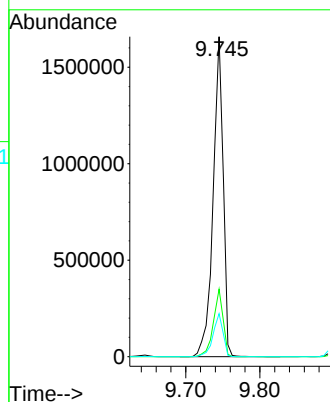
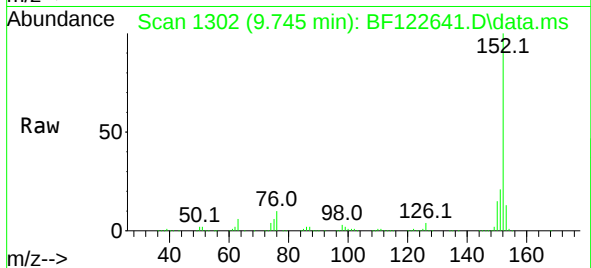
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ClientSampleId :

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#50

Dimethylphthalate

Concen: 35.01 ng

RT: 9.610 min Scan# 1279

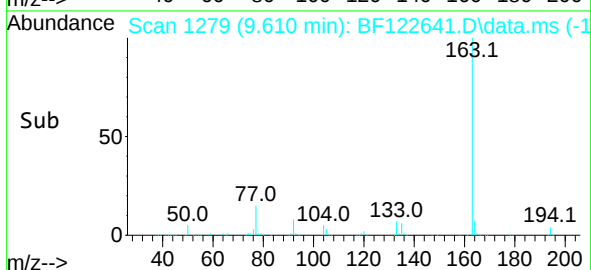
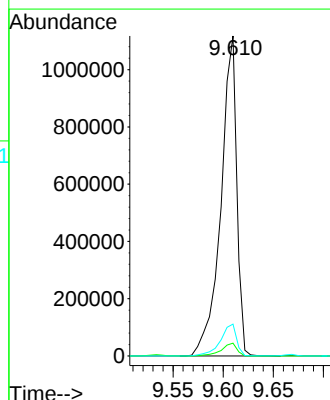
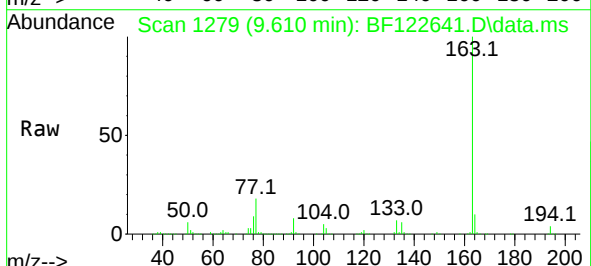
Delta R.T. -0.000 min

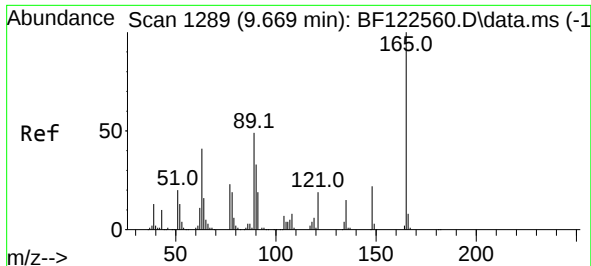
Lab File: BF122641.D

Acq: 10 Dec 2020 11:19

Tgt Ion:163 Resp: 1228666

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 4.0   | 3.4   | 5.0   |
| 164 | 10.0  | 8.1   | 12.1  |





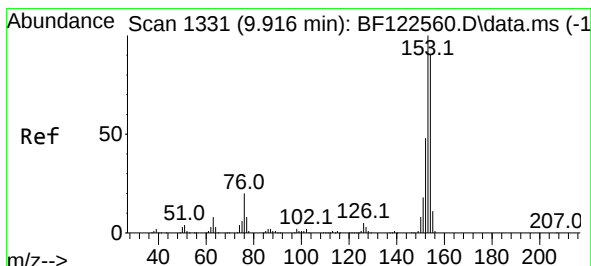
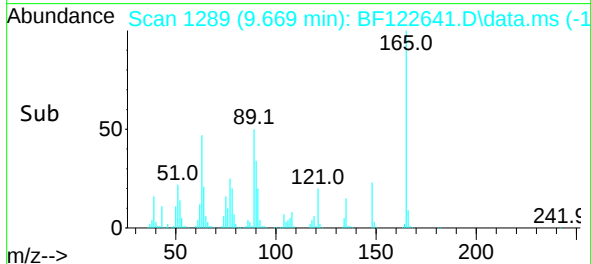
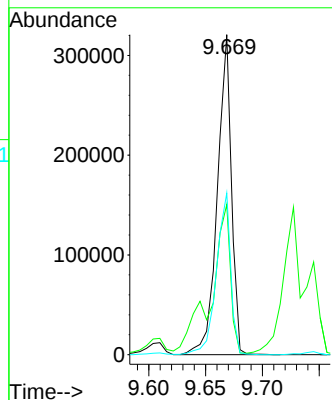
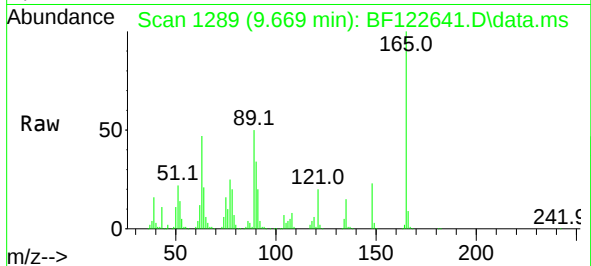
#51  
2,6-Dinitrotoluene  
Concen: 37.44 ng  
RT: 9.669 min Scan# 1289  
Delta R.T. -0.000 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19

Tgt Ion:165 Resp: 277505  
Ion Ratio Lower Upper  
165 100  
63 46.9 36.6 55.0  
89 50.5 39.4 59.0

Instrument :  
BNA\_F  
ClientSampled :  
PB133503BS

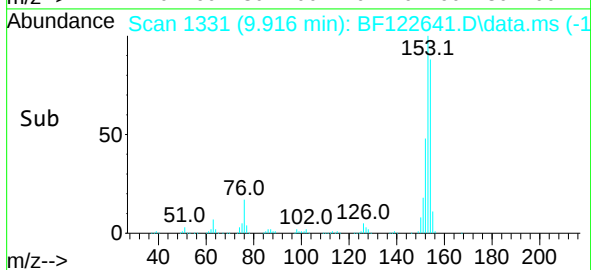
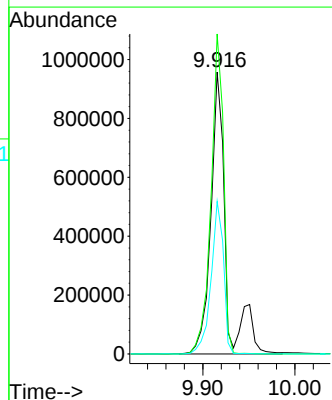
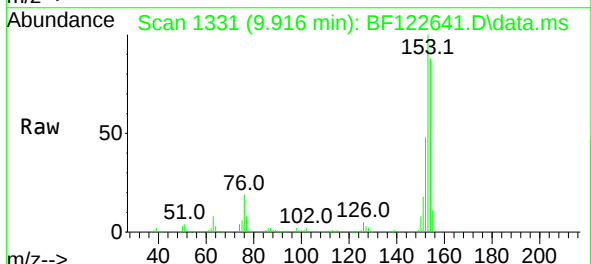
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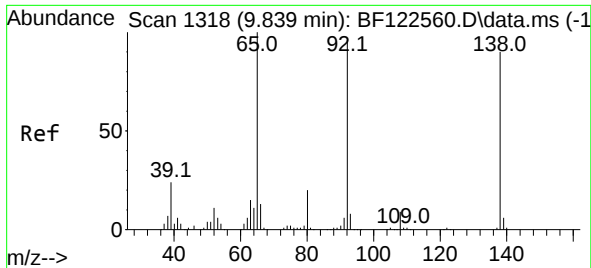
mohammad  
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#52  
Acenaphthene  
Concen: 37.70 ng m  
RT: 9.916 min Scan# 1331  
Delta R.T. -0.000 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19

Tgt Ion:154 Resp: 1088845  
Ion Ratio Lower Upper  
154 100  
153 113.5 89.0 133.6  
152 54.1 42.7 64.1





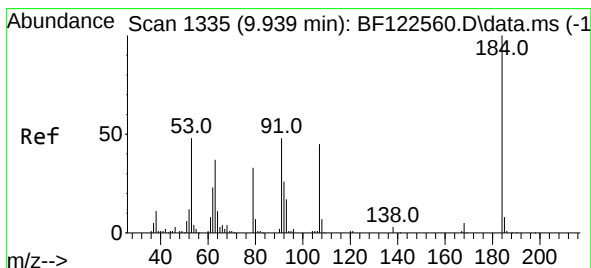
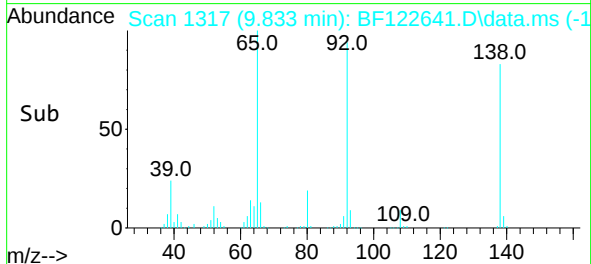
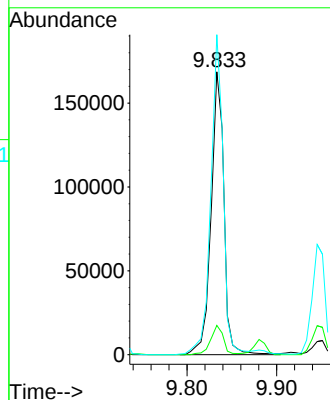
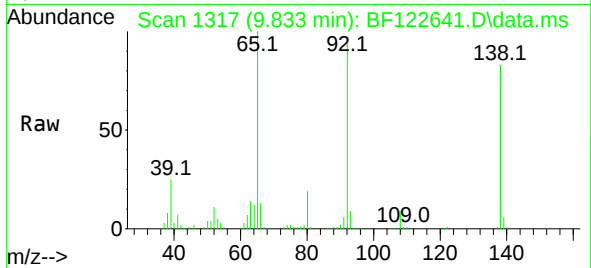
#53  
3-Nitroaniline  
Concen: 19.53 ng  
RT: 9.833 min Scan# 1317  
Delta R.T. -0.006 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19

Tgt Ion:138 Resp: 167308  
Ion Ratio Lower Upper  
138 100  
108 10.4 8.2 12.2  
92 113.1 85.4 128.2

Instrument :  
BNA\_F  
ClientSampleId :  
PB133503BS

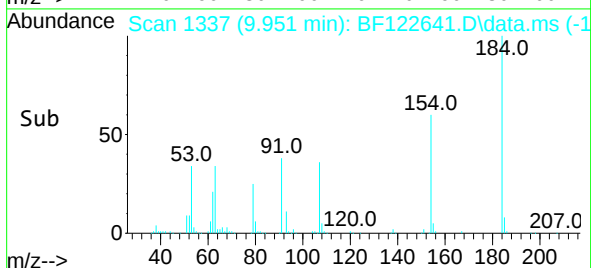
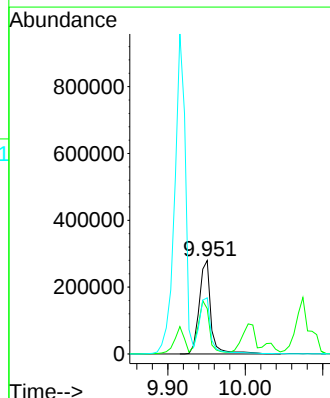
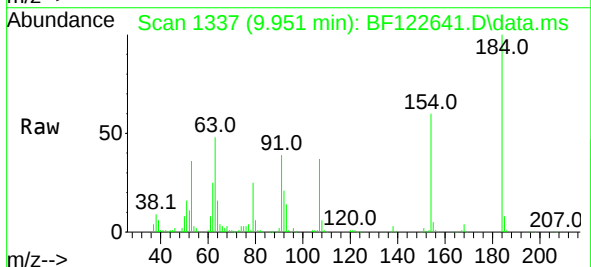
Manual Integrations  
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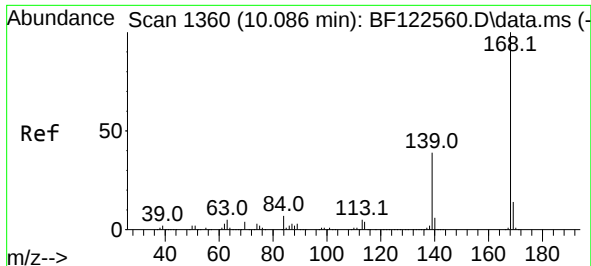
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#54  
2,4-Dinitrophenol  
Concen: 81.08 ng  
RT: 9.951 min Scan# 1337  
Delta R.T. 0.012 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19

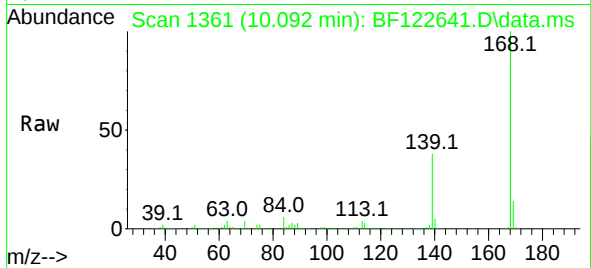
Tgt Ion:184 Resp: 293851  
Ion Ratio Lower Upper  
184 100  
63 48.5 51.4 77.2#  
154 60.1 49.7 74.5





#55  
Dibenzenofuran  
Concen: 34.71 ng  
RT: 10.092 min Scan# 1361  
Delta R.T. 0.006 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19

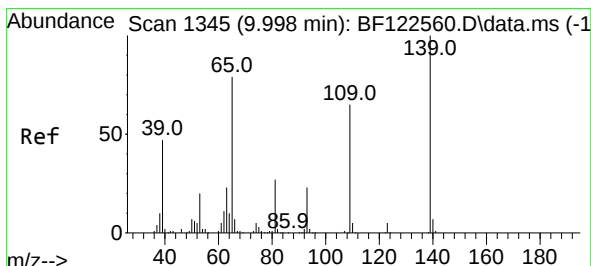
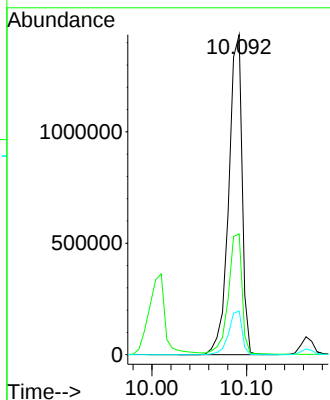
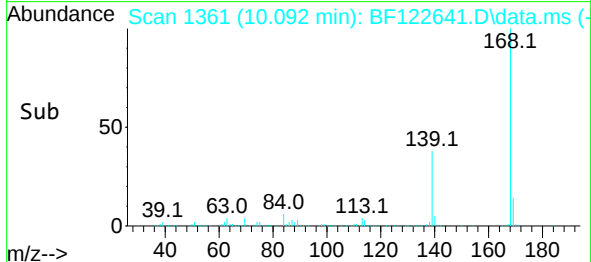
Instrument :  
BNA\_F  
ClientSampleId :  
PB133503BS



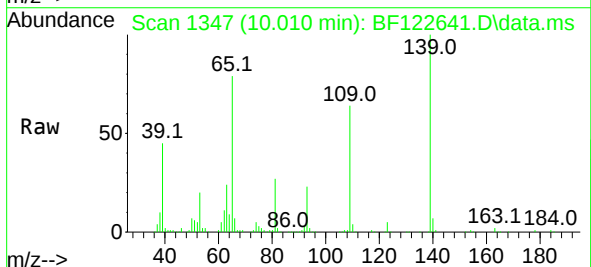
Tgt Ion:168 Resp: 1409988  
Ion Ratio Lower Upper  
168 100  
139 37.8 31.3 46.9  
169 13.7 11.2 16.8

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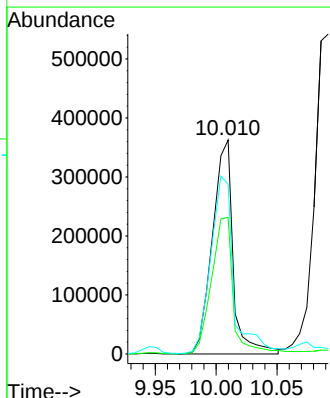
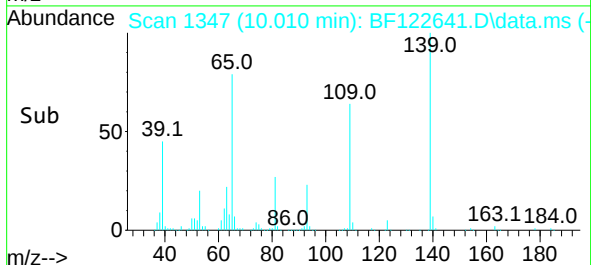
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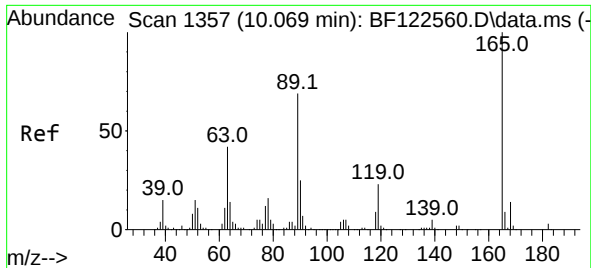


#56  
4-Nitrophenol  
Concen: 70.31 ng  
RT: 10.010 min Scan# 1347  
Delta R.T. 0.012 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19



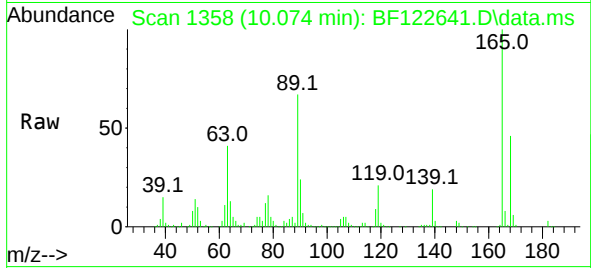
Tgt Ion:139 Resp: 429428  
Ion Ratio Lower Upper  
139 100  
109 63.9 45.1 85.1  
65 79.2 59.2 99.2





#57  
2,4-Dinitrotoluene  
Concen: 37.84 ng  
RT: 10.074 min Scan# 1358  
Delta R.T. 0.006 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19

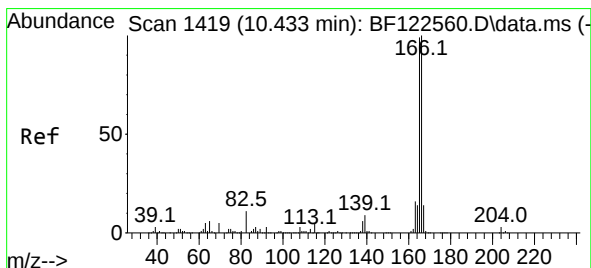
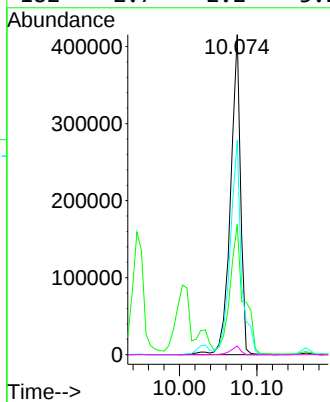
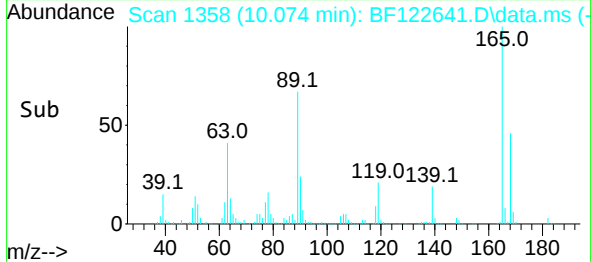
Instrument :  
BNA\_F  
ClientSampleId :  
PB133503BS



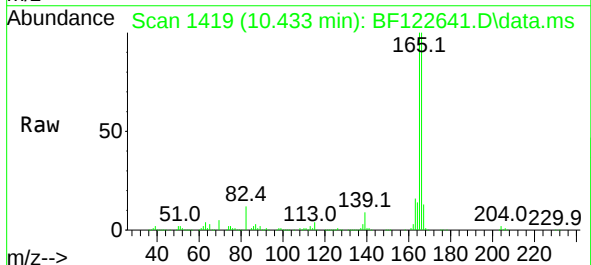
Tgt Ion:165 Resp: 373657  
Ion Ratio Lower Upper  
165 100  
63 40.7 34.3 51.5  
89 67.0 55.2 82.8  
182 2.7 2.2 3.2

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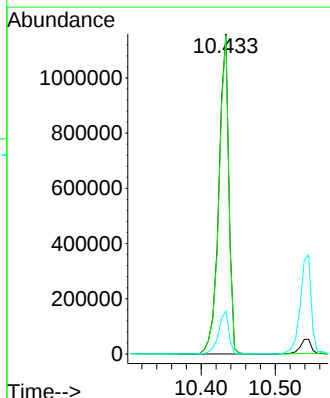
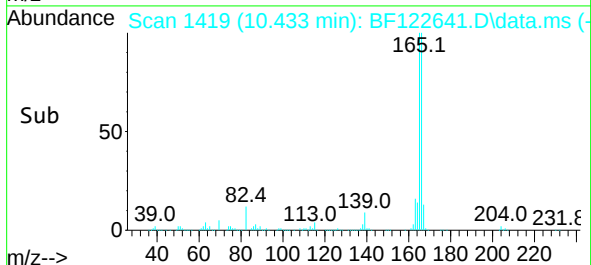
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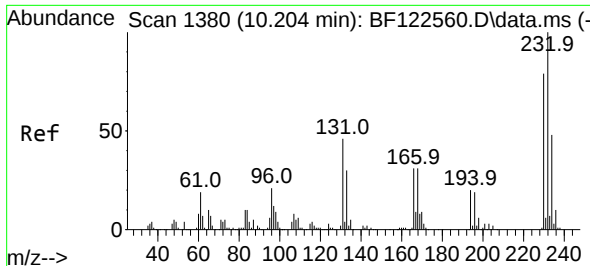


#58  
Fluorene  
Concen: 33.57 ng  
RT: 10.433 min Scan# 1419  
Delta R.T. 0.000 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19

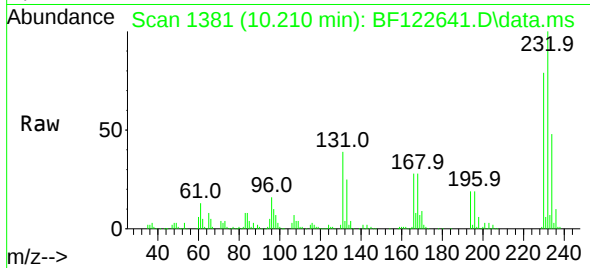


Tgt Ion:166 Resp: 1084628  
Ion Ratio Lower Upper  
166 100  
165 99.5 79.4 119.0  
167 13.4 10.9 16.3

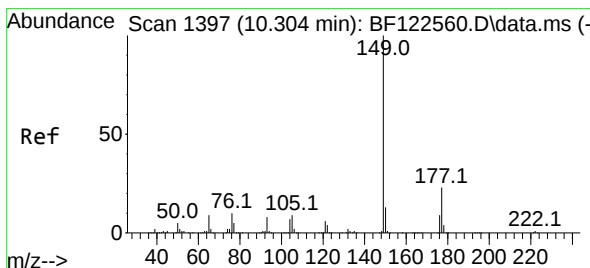
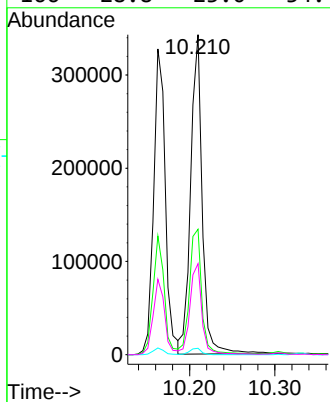
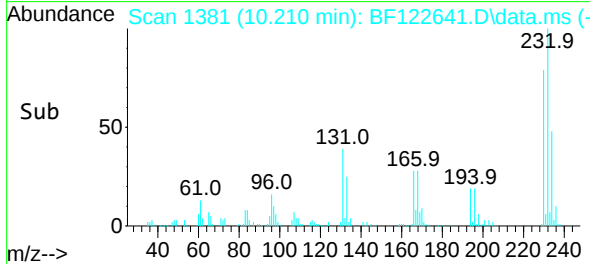




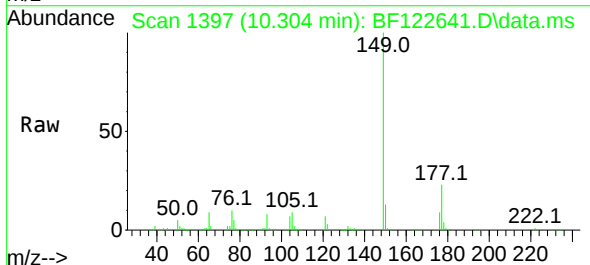
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 35.42 ng  
RT: 10.210 min Scan# 1381  
Delta R.T. 0.006 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19



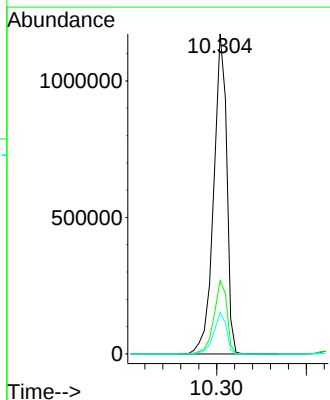
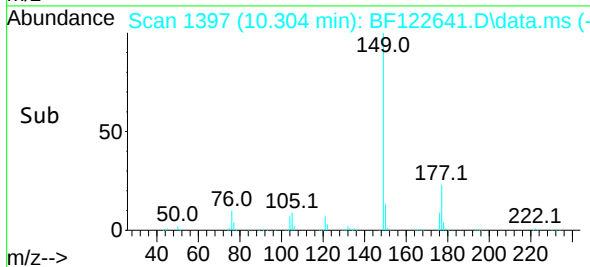
Tgt Ion:232 Resp: 323392  
Ion Ratio Lower Upper  
232 100  
131 41.3 33.0 49.4  
130 2.0 1.7 2.5  
166 28.8 23.0 34.4



#60  
Diethylphthalate  
Concen: 34.52 ng  
RT: 10.304 min Scan# 1397  
Delta R.T. -0.000 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19



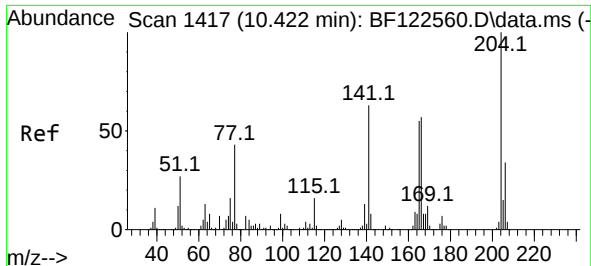
Tgt Ion:149 Resp: 1178415  
Ion Ratio Lower Upper  
149 100  
177 23.0 18.2 27.4  
150 13.0 10.1 15.1



Instrument :  
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ClientSampleId :  
PB133503BS

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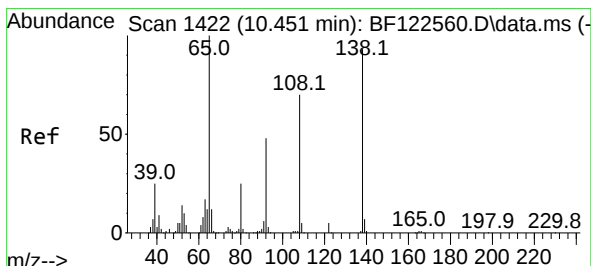
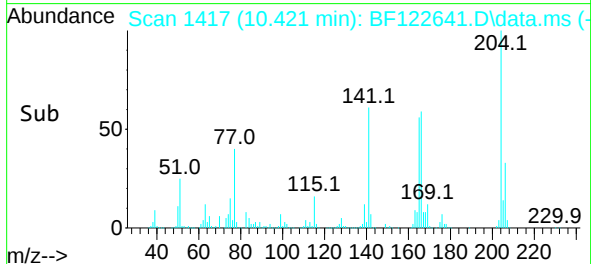
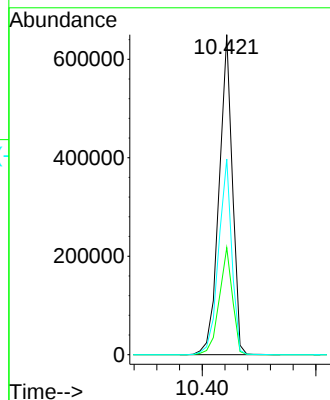
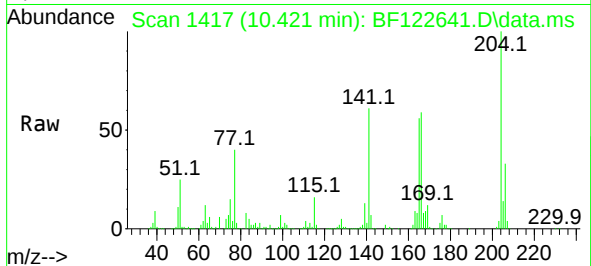
#61  
4-Chlorophenyl-phenylether  
Concen: 33.33 ng  
RT: 10.421 min Scan# 1417  
Delta R.T. -0.000 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19

Tgt Ion:204 Resp: 530177  
Ion Ratio Lower Upper  
204 100  
206 33.5 27.0 40.4  
141 61.2 50.4 75.6

Instrument :  
BNA\_F  
ClientSampleId :  
PB133503BS

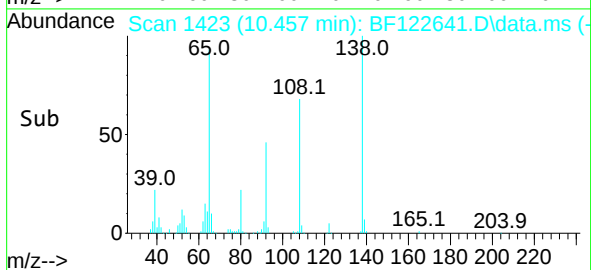
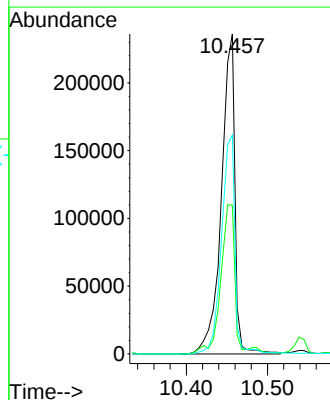
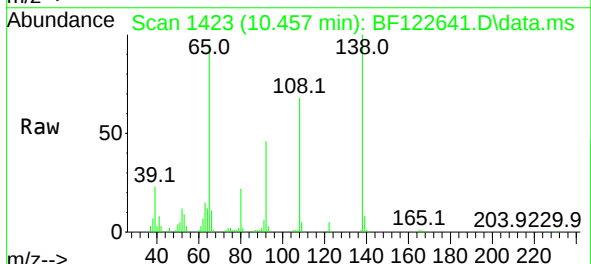
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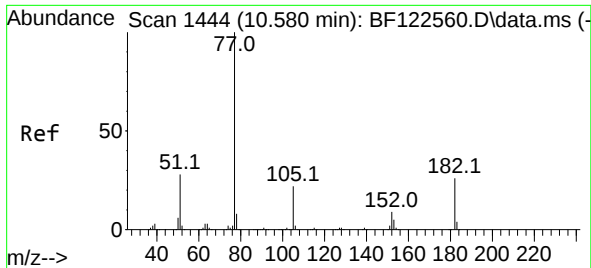
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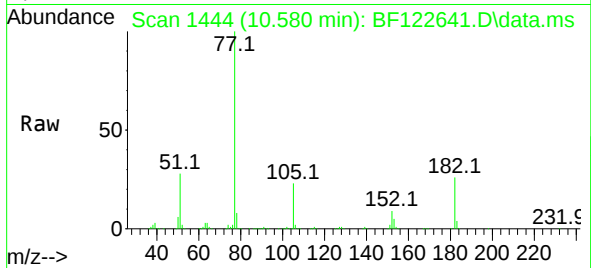
#62  
4-Nitroaniline  
Concen: 31.70 ng  
RT: 10.457 min Scan# 1423  
Delta R.T. 0.006 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19

Tgt Ion:138 Resp: 275633  
Ion Ratio Lower Upper  
138 100  
92 46.5 31.0 71.0  
108 68.4 54.8 94.8

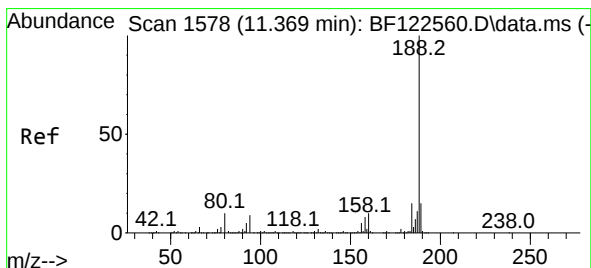
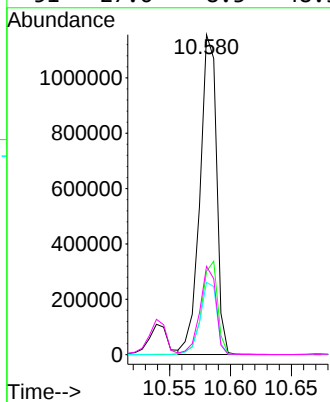
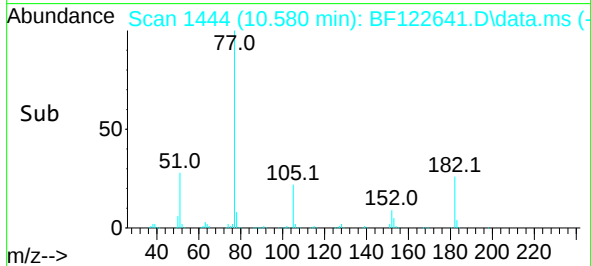




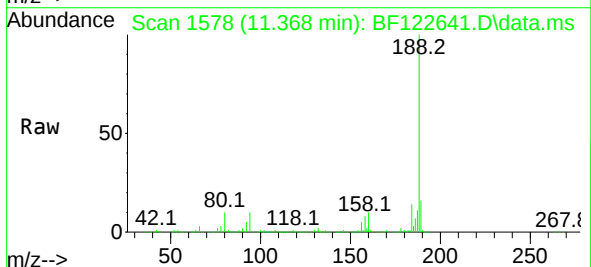
#63  
Azobenzene  
Concen: 35.03 ng  
RT: 10.580 min Scan# 1444  
Delta R.T. -0.000 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19



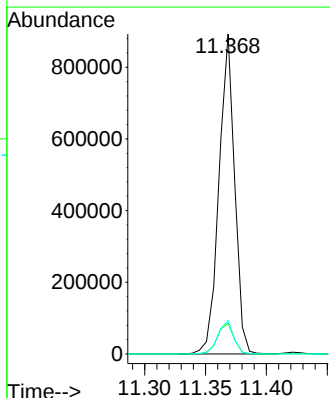
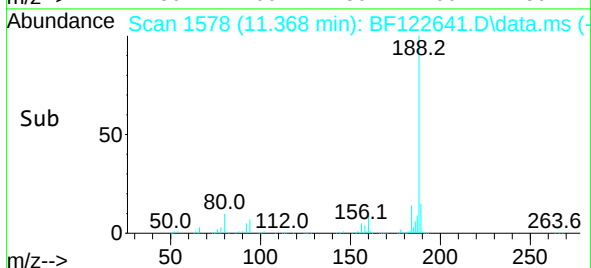
Tgt Ion: 77 Resp: 1099106  
Ion Ratio Lower Upper  
77 100  
182 26.0 5.6 45.6  
105 22.6 1.8 41.8  
51 27.6 8.3 48.3



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.368 min Scan# 1578  
Delta R.T. -0.000 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19



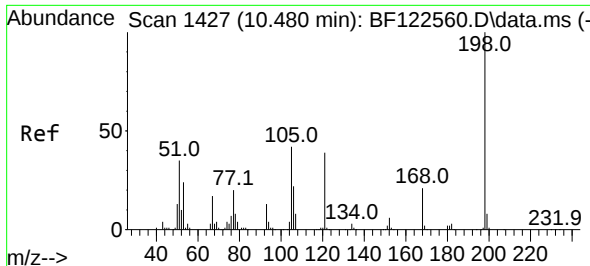
Tgt Ion: 188 Resp: 802016  
Ion Ratio Lower Upper  
188 100  
94 9.6 7.4 11.2  
80 10.4 8.2 12.4



Instrument :  
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ClientSampleId :  
PB133503BS

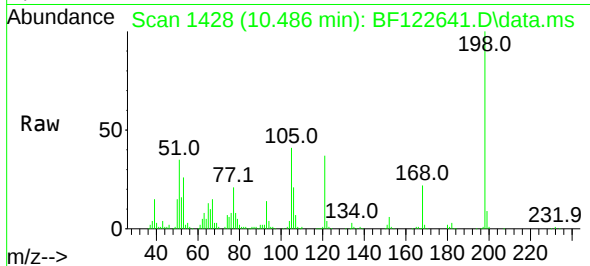
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#65  
4,6-Dinitro-2-methylphenol  
Concen: 41.35 ng  
RT: 10.486 min Scan# 1428  
Delta R.T. 0.006 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19

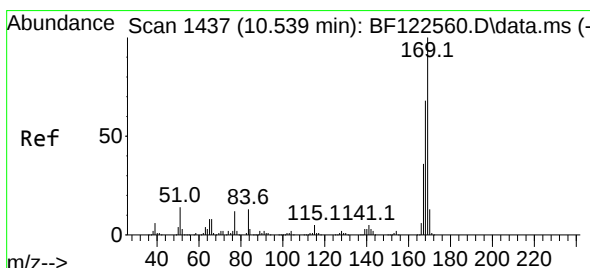
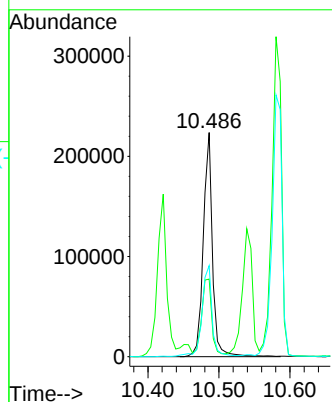
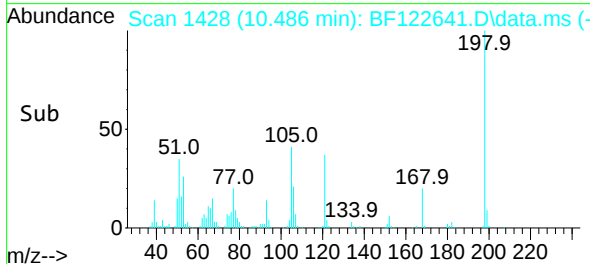
Instrument :  
BNA\_F  
ClientSampleId :  
PB133503BS



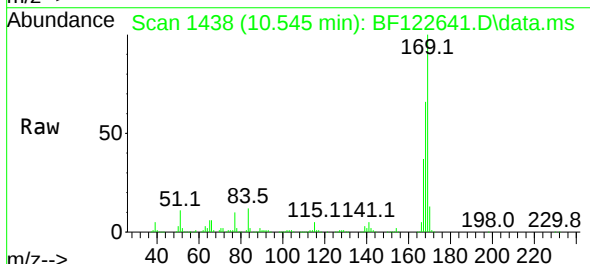
Tgt Ion:198 Resp: 202213  
Ion Ratio Lower Upper  
198 100  
51 34.7 20.3 60.3  
105 40.6 23.0 63.0

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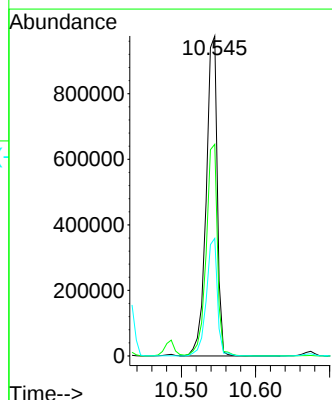
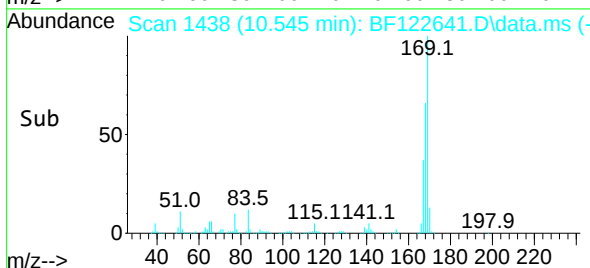
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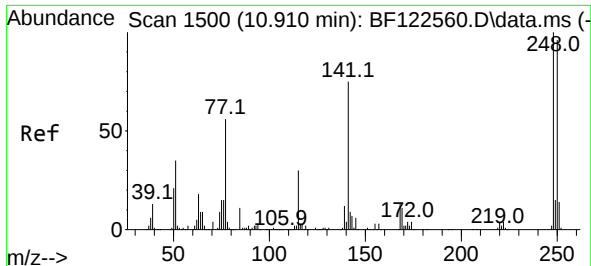


#66  
n-Nitrosodiphenylamine  
Concen: 35.84 ng  
RT: 10.545 min Scan# 1438  
Delta R.T. 0.006 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19

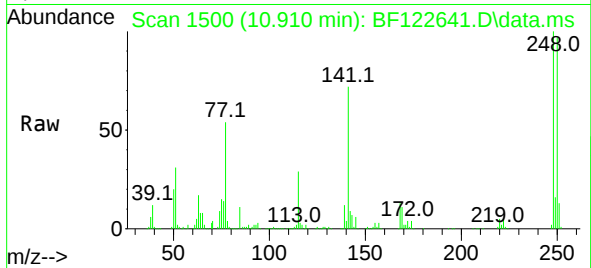


Tgt Ion:169 Resp: 1015637  
Ion Ratio Lower Upper  
169 100  
168 66.1 54.2 81.2  
167 36.8 29.2 43.8

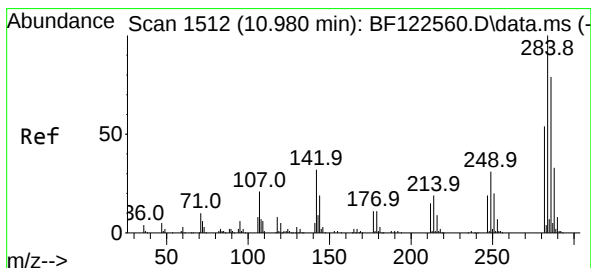
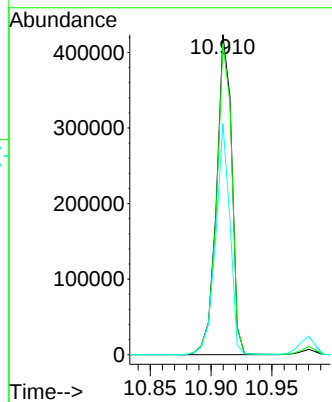
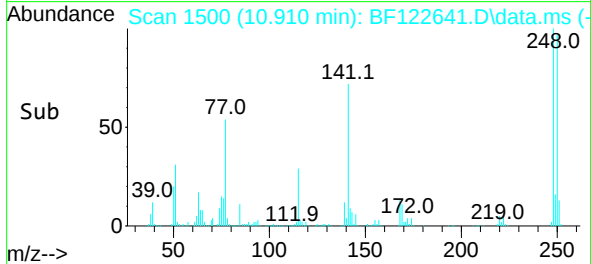




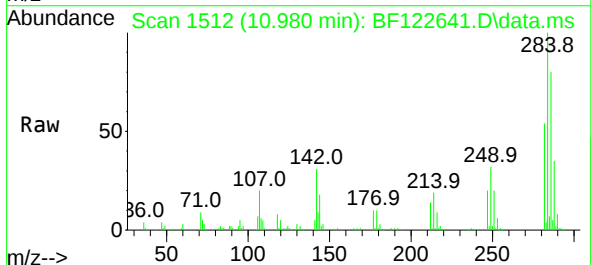
#67  
4-Bromophenyl-phenylether  
Concen: 34.00 ng  
RT: 10.910 min Scan# 1500  
Delta R.T. -0.000 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19



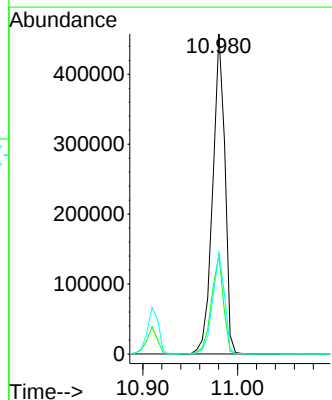
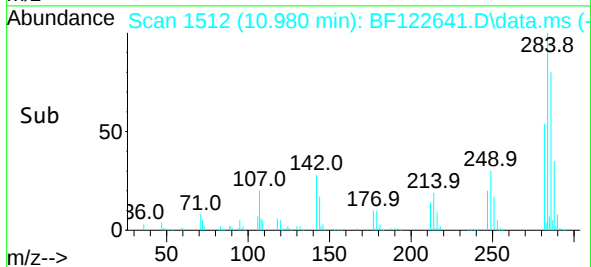
Tgt Ion:248 Resp: 369466  
Ion Ratio Lower Upper  
248 100  
250 97.2 76.8 115.2  
141 72.2 59.8 89.8



#68  
Hexachlorobenzene  
Concen: 33.92 ng  
RT: 10.980 min Scan# 1512  
Delta R.T. -0.000 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19



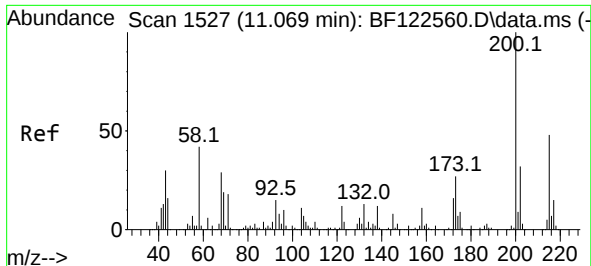
Tgt Ion:284 Resp: 407584  
Ion Ratio Lower Upper  
284 100  
142 31.0 25.6 38.4  
249 31.5 25.1 37.7



Instrument :  
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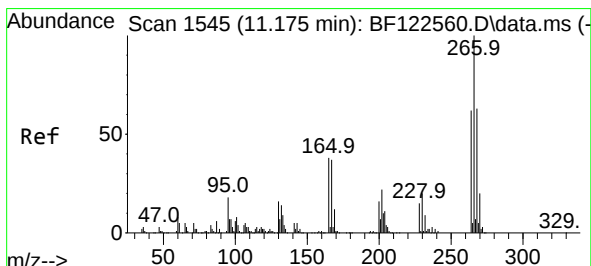
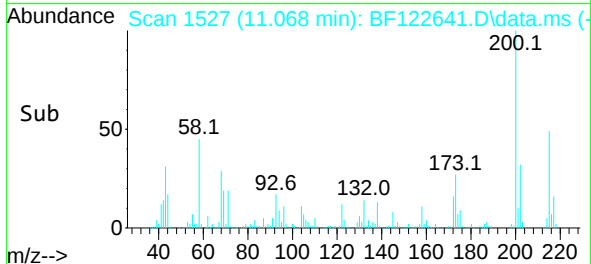
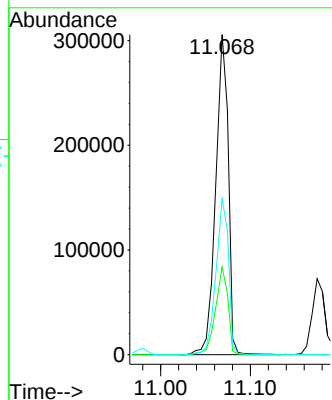
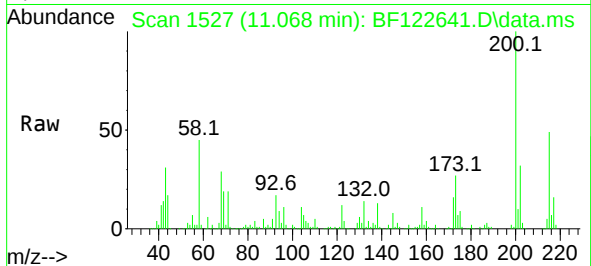
#69  
Atrazine  
Concen: 32.32 ng  
RT: 11.068 min Scan# 1527  
Delta R.T. -0.000 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19

Tgt Ion:200 Resp: 297413  
Ion Ratio Lower Upper  
200 100  
173 27.4 6.6 46.6  
215 48.6 28.1 68.1

Instrument :  
BNA\_F  
ClientSampleId :  
PB133503BS

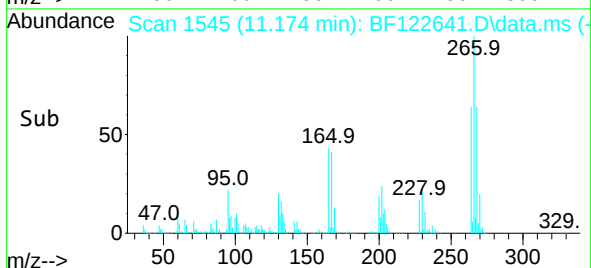
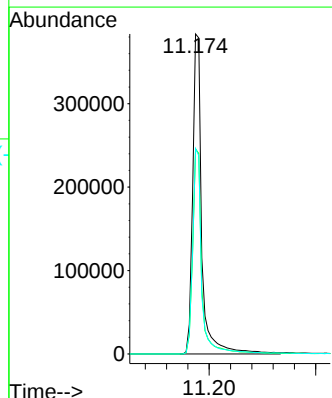
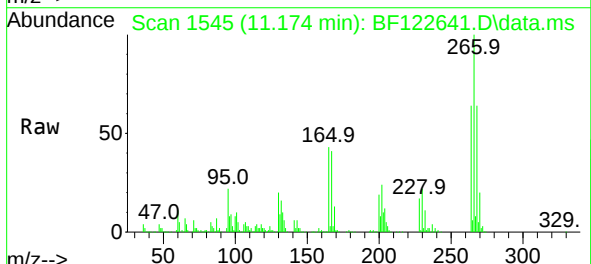
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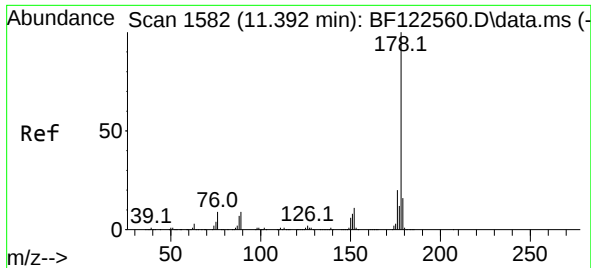
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#70  
Pentachlorophenol  
Concen: 72.38 ng  
RT: 11.174 min Scan# 1545  
Delta R.T. -0.000 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19

Tgt Ion:266 Resp: 460725  
Ion Ratio Lower Upper  
266 100  
268 64.0 50.5 75.7  
264 64.2 49.8 74.8





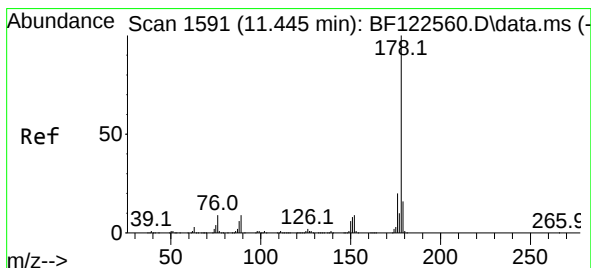
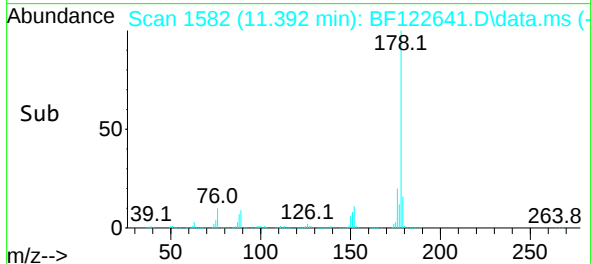
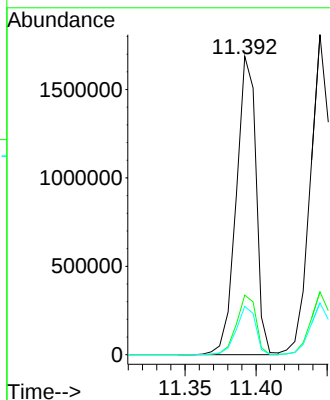
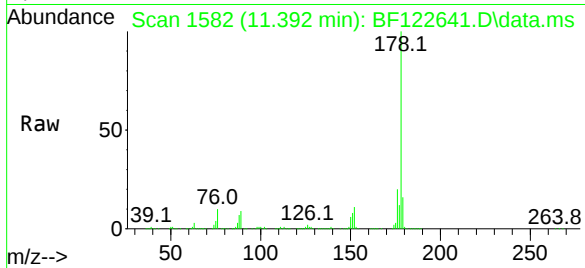
#71  
Phenanthrene  
Concen: 34.43 ng  
RT: 11.392 min Scan# 1582  
Delta R.T. -0.000 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19

Tgt Ion:178 Resp: 1641268  
Ion Ratio Lower Upper  
178 100  
176 20.0 16.2 24.2  
179 16.2 12.7 19.1

Instrument :  
BNA\_F  
ClientSampleId :  
PB133503BS

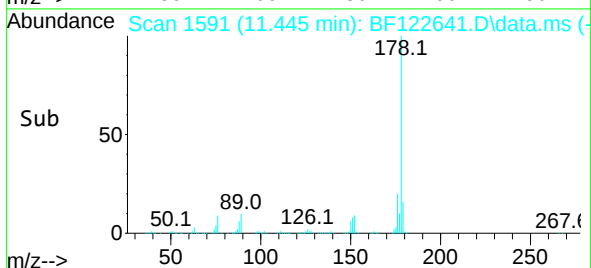
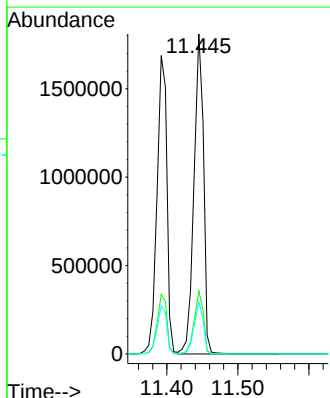
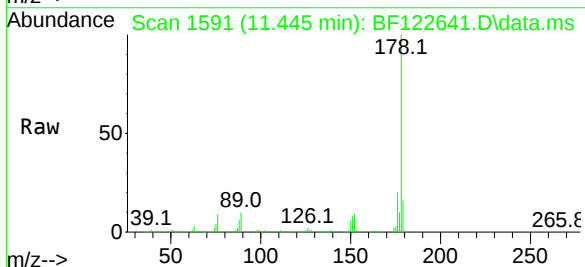
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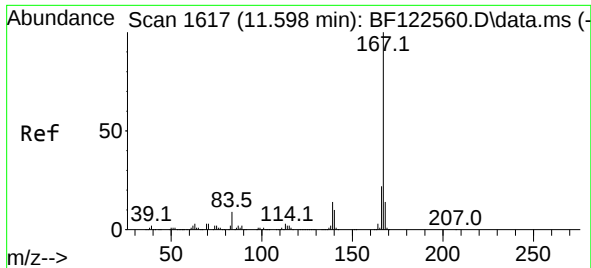
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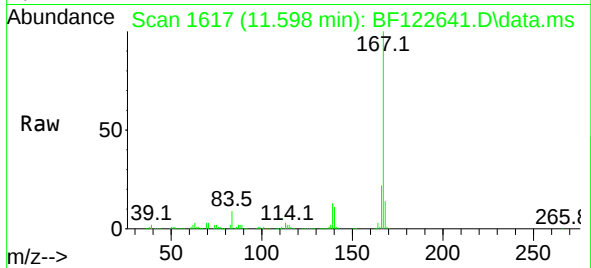
#72  
Anthracene  
Concen: 36.01 ng  
RT: 11.445 min Scan# 1591  
Delta R.T. -0.000 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19

Tgt Ion:178 Resp: 1702209  
Ion Ratio Lower Upper  
178 100  
176 19.6 15.6 23.4  
179 16.2 12.8 19.2

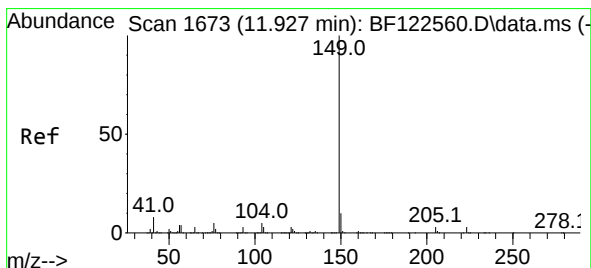
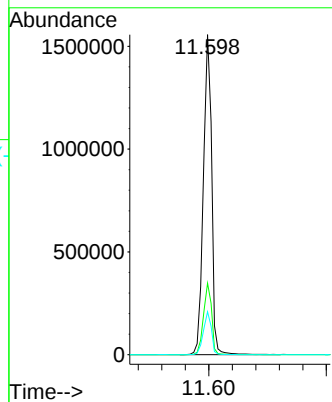
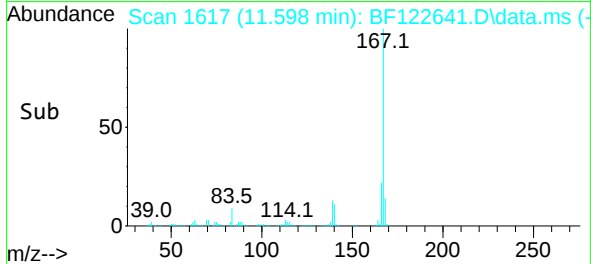




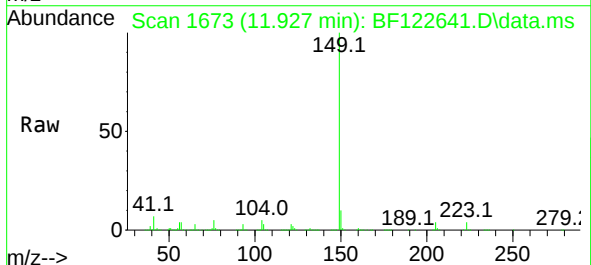
#73  
 Carbazole  
 Concen: 35.71 ng  
 RT: 11.598 min Scan# 1617  
 Delta R.T. -0.000 min  
 Lab File: BF122641.D  
 Acq: 10 Dec 2020 11:19



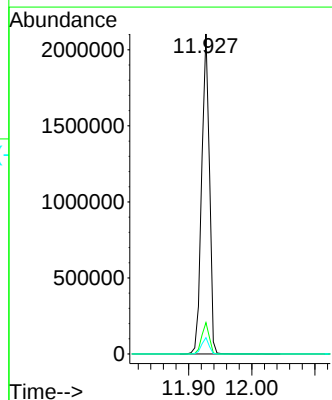
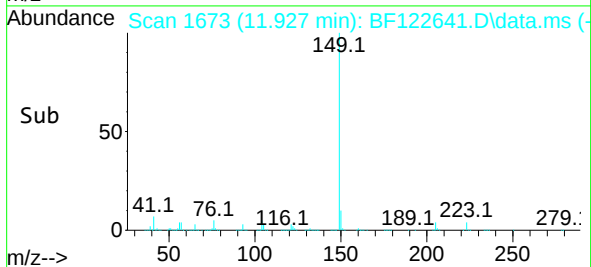
Tgt Ion:167 Resp: 1530727  
 Ion Ratio Lower Upper  
 167 100  
 166 22.3 18.0 27.0  
 139 13.4 10.9 16.3



#74  
 Di-n-butylphthalate  
 Concen: 33.16 ng  
 RT: 11.927 min Scan# 1673  
 Delta R.T. -0.000 min  
 Lab File: BF122641.D  
 Acq: 10 Dec 2020 11:19



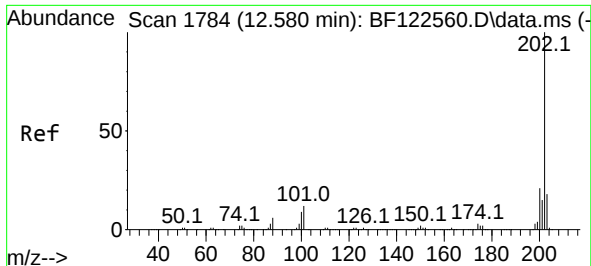
Tgt Ion:149 Resp: 1786180  
 Ion Ratio Lower Upper  
 149 100  
 150 9.8 7.8 11.6  
 104 5.1 4.2 6.4



Instrument :  
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 ClientSampleId :  
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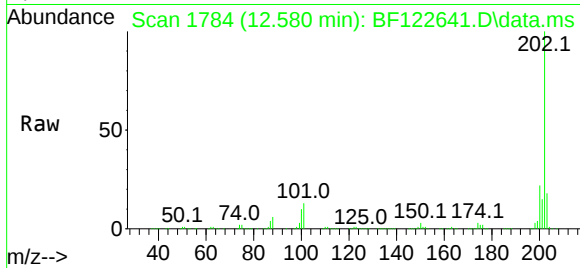
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#75  
Fluoranthene  
Concen: 34.99 ng  
RT: 12.580 min Scan# 1784  
Delta R.T. -0.000 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19

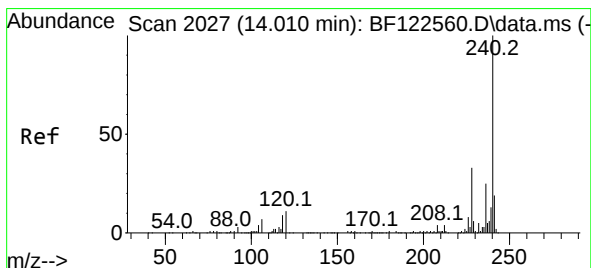
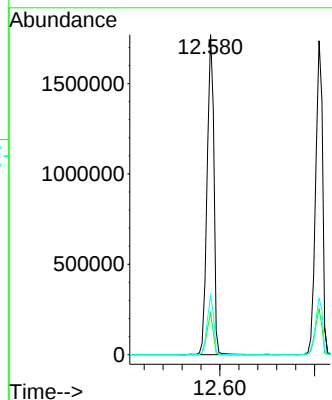
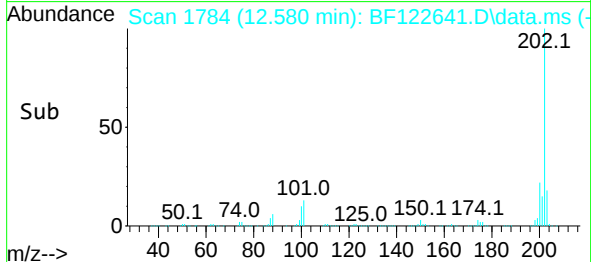
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ClientSampleId :  
PB133503BS



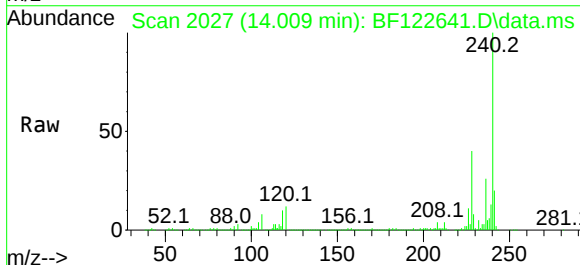
Tgt Ion:202 Resp: 1748778  
Ion Ratio Lower Upper  
202 100  
101 13.0 0.0 32.2  
203 18.4 0.0 38.1

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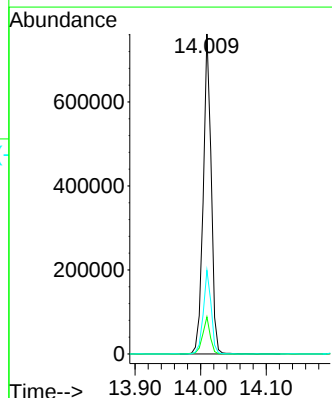
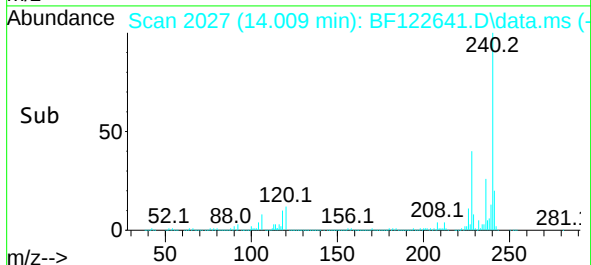
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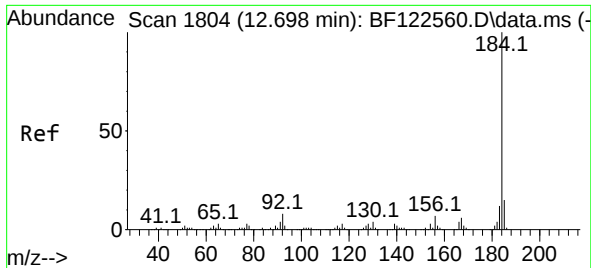


#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 14.009 min Scan# 2027  
Delta R.T. -0.000 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19



Tgt Ion:240 Resp: 643410  
Ion Ratio Lower Upper  
240 100  
120 11.6 8.6 12.8  
236 26.2 20.3 30.5





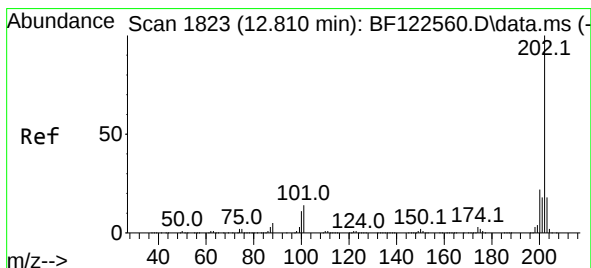
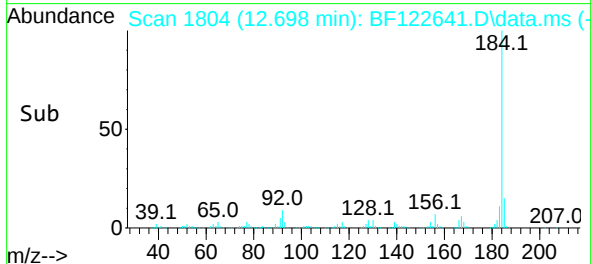
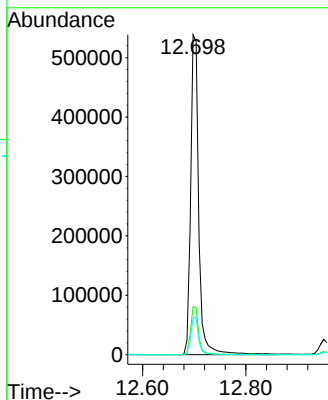
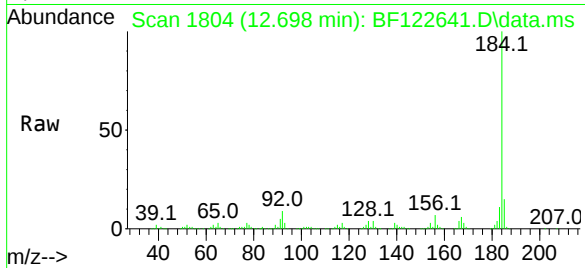
#77  
Benzidine  
Concen: 41.98 ng  
RT: 12.698 min Scan# 1804  
Delta R.T. -0.000 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19

Tgt Ion:184 Resp: 584223  
Ion Ratio Lower Upper  
184 100  
185 15.0 11.8 17.6  
183 11.4 9.7 14.5

Instrument :  
BNA\_F  
ClientSampleId :  
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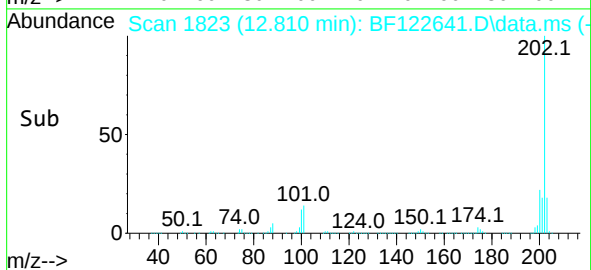
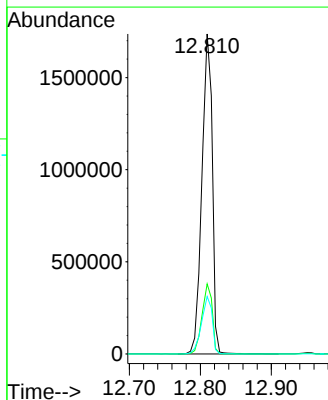
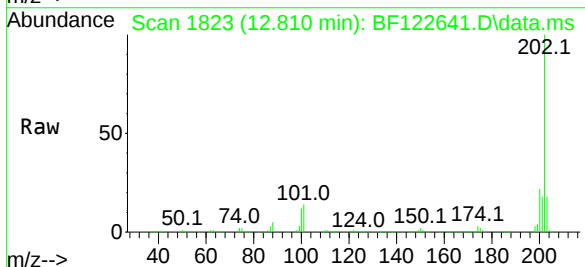
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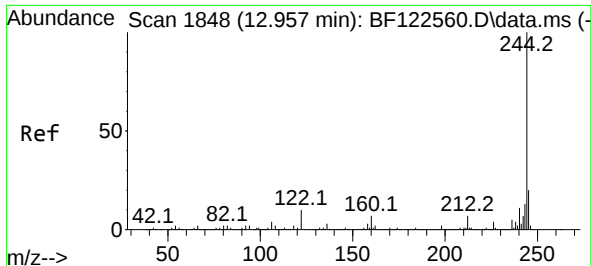
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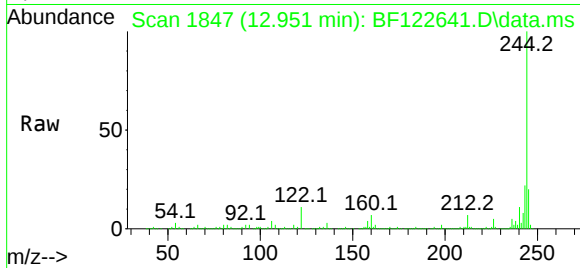
#78  
Pyrene  
Concen: 35.52 ng  
RT: 12.810 min Scan# 1823  
Delta R.T. -0.000 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19

Tgt Ion:202 Resp: 1766792  
Ion Ratio Lower Upper  
202 100  
200 21.9 17.6 26.4  
203 18.0 14.6 21.8

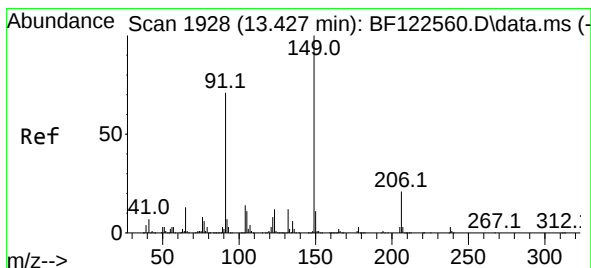
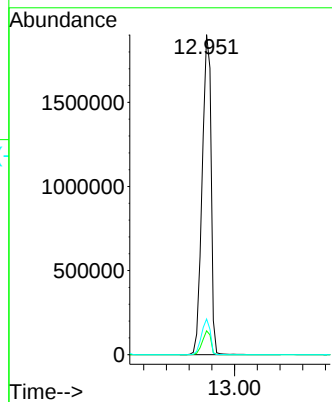
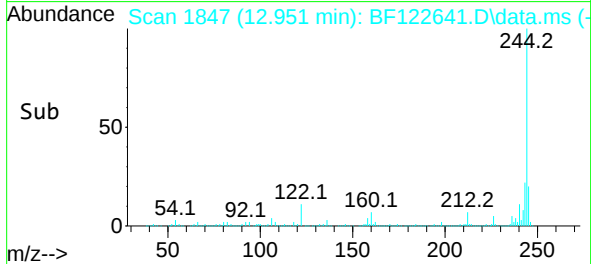




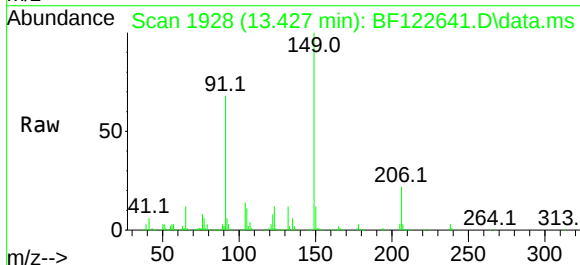
#79  
Terphenyl-d14  
Concen: 56.52 ng  
RT: 12.951 min Scan# 1847  
Delta R.T. -0.006 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19



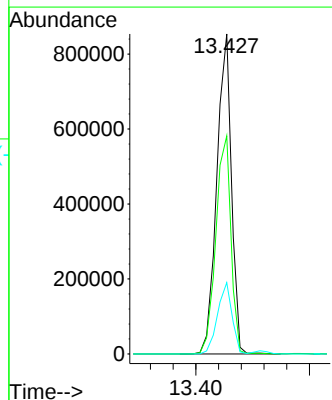
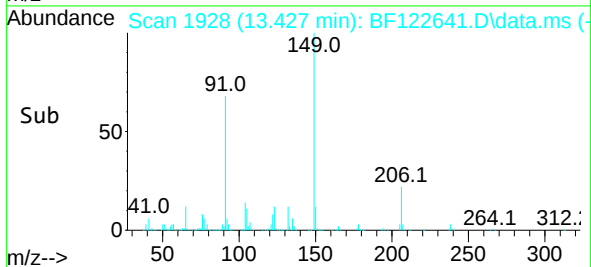
Tgt Ion:244 Resp: 2077647  
Ion Ratio Lower Upper  
244 100  
212 7.5 5.7 8.5  
122 11.1 8.3 12.5



#80  
Butylbenzylphthalate  
Concen: 34.22 ng  
RT: 13.427 min Scan# 1928  
Delta R.T. -0.000 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19



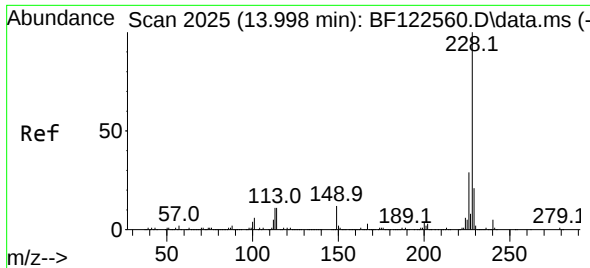
Tgt Ion:149 Resp: 766710  
Ion Ratio Lower Upper  
149 100  
91 68.1 56.5 84.7  
206 22.3 17.0 25.6



Instrument :  
BNA\_F  
ClientSampleId :  
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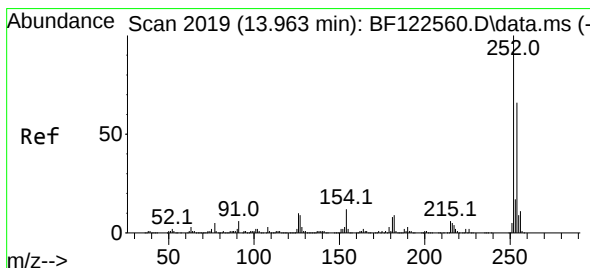
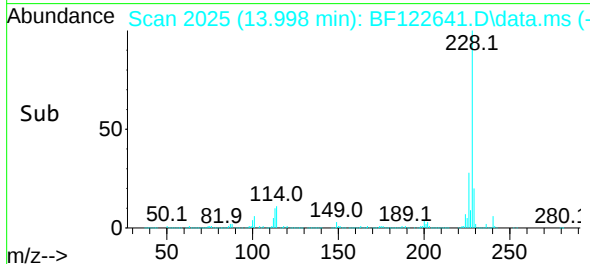
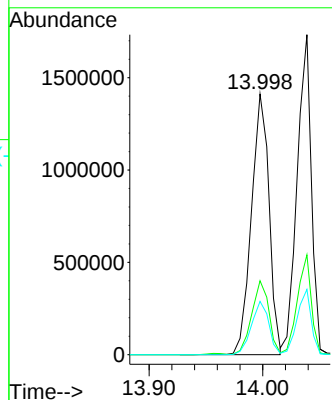
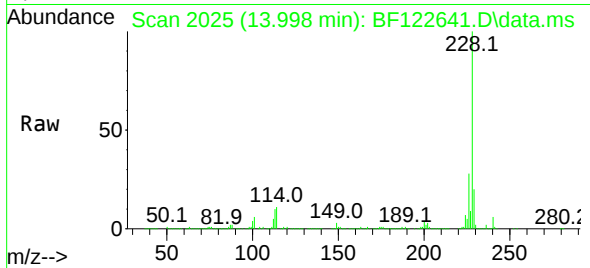
#81  
Benzo(a)anthracene  
Concen: 35.42 ng  
RT: 13.998 min Scan# 2025  
Delta R.T. -0.000 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19

Tgt Ion:228 Resp: 1522989  
Ion Ratio Lower Upper  
228 100  
226 28.3 23.0 34.4  
229 20.4 16.6 24.8

Instrument :  
BNA\_F  
ClientSampleId :  
PB133503BS

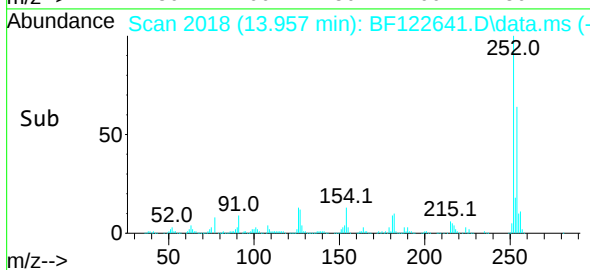
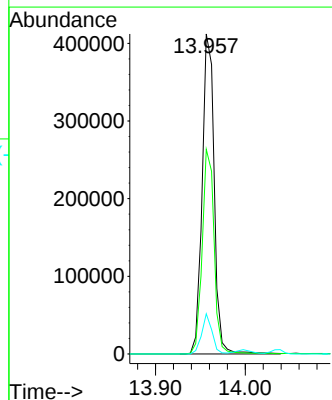
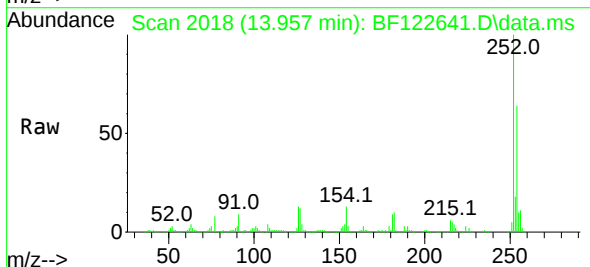
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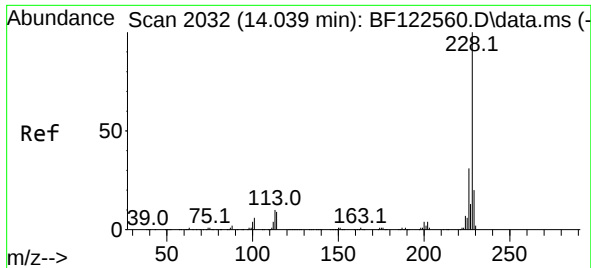
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#82  
3,3'-Dichlorobenzidine  
Concen: 24.96 ng  
RT: 13.957 min Scan# 2018  
Delta R.T. -0.006 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19

Tgt Ion:252 Resp: 384350  
Ion Ratio Lower Upper  
252 100  
254 63.9 52.7 79.1  
126 12.6 8.0 12.0#





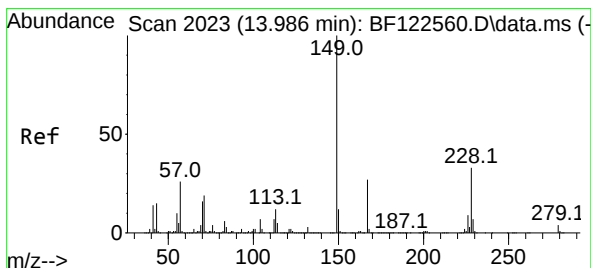
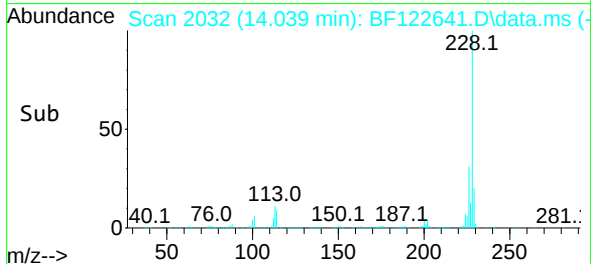
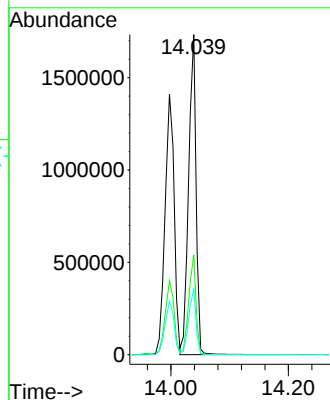
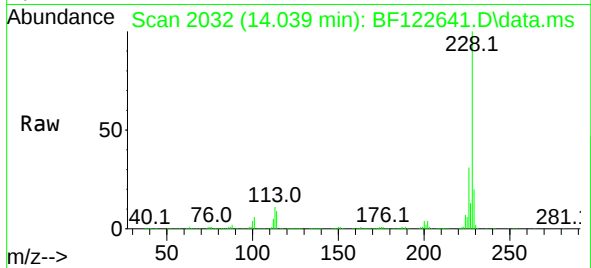
#83  
Chrysene  
Concen: 35.56 ng  
RT: 14.039 min Scan# 2032  
Delta R.T. -0.000 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19

Tgt Ion:228 Resp: 1521485  
Ion Ratio Lower Upper  
228 100  
226 31.2 24.6 36.8  
229 20.4 15.8 23.6

Instrument :  
BNA\_F  
ClientSampleId :  
PB133503BS

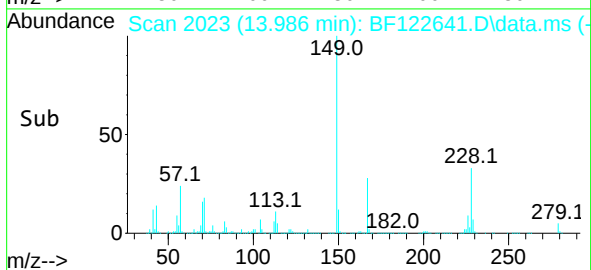
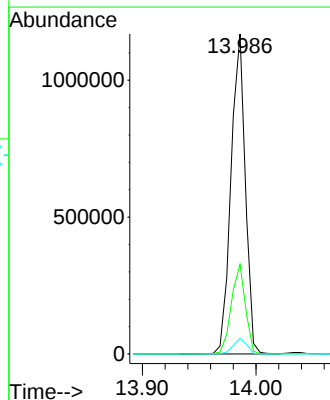
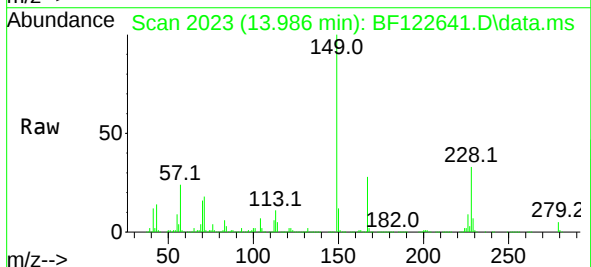
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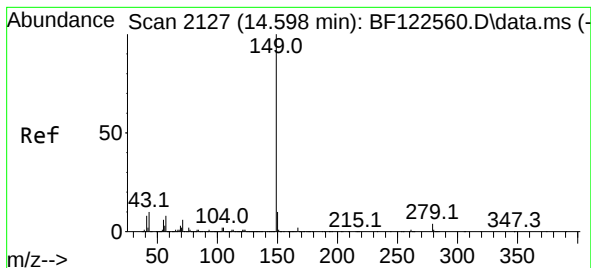
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#84  
Bis(2-ethylhexyl)phthalate  
Concen: 33.29 ng  
RT: 13.986 min Scan# 2023  
Delta R.T. -0.000 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19

Tgt Ion:149 Resp: 1021444  
Ion Ratio Lower Upper  
149 100  
167 28.0 21.4 32.2  
279 4.9 3.4 5.0





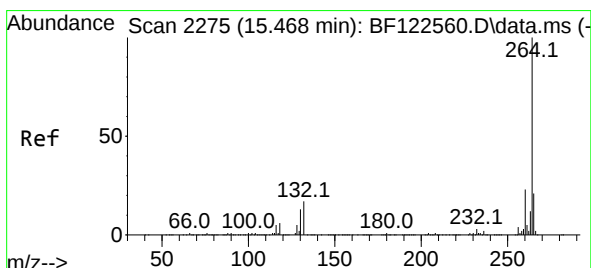
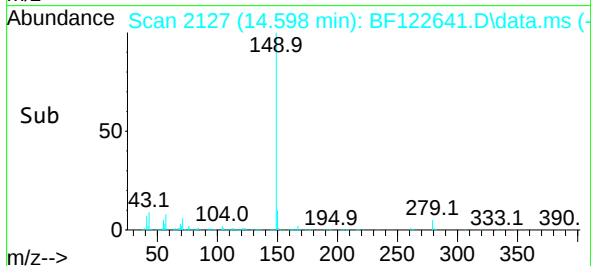
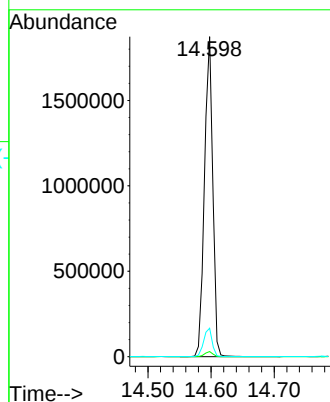
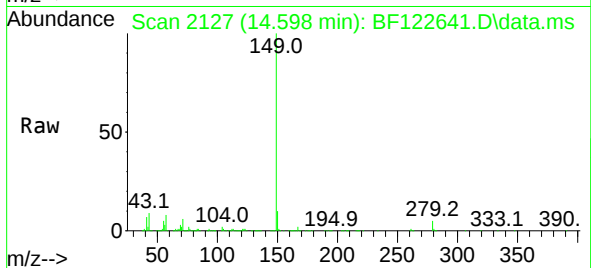
#85  
Di-n-octyl phthalate  
Concen: 33.59 ng  
RT: 14.598 min Scan# 2127  
Delta R.T. -0.000 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19

Tgt Ion:149 Resp: 1709531  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 9.0 7.6 11.4

Instrument :  
BNA\_F  
ClientSampleId :  
PB133503BS

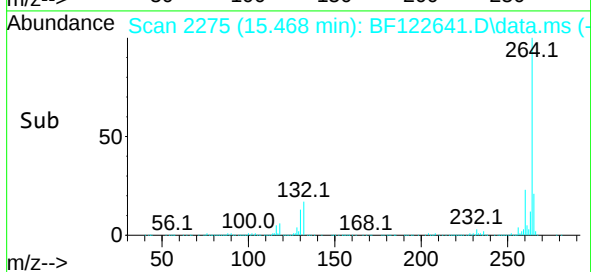
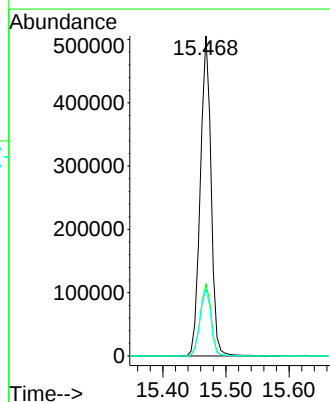
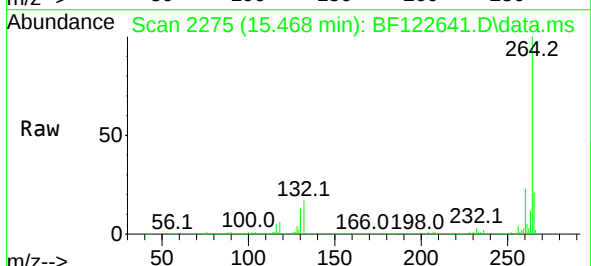
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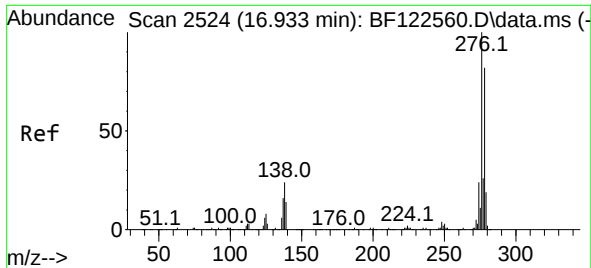
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#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.468 min Scan# 2275  
Delta R.T. -0.000 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19

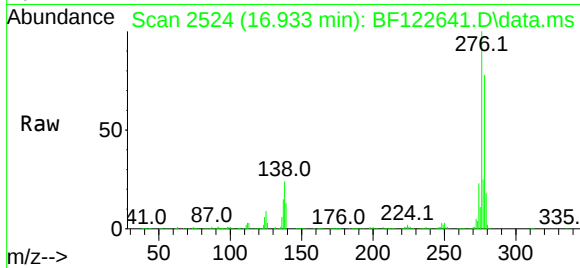
Tgt Ion:264 Resp: 594411  
Ion Ratio Lower Upper  
264 100  
260 22.5 18.6 28.0  
265 20.7 17.0 25.6





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 34.55 ng  
RT: 16.933 min Scan# 2524  
Delta R.T. -0.000 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19

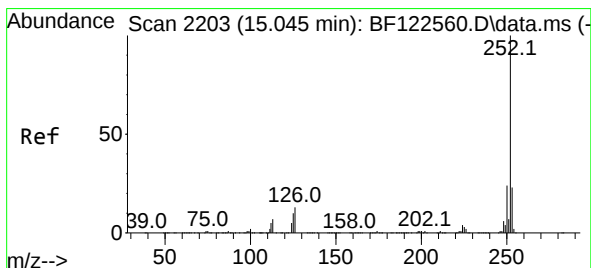
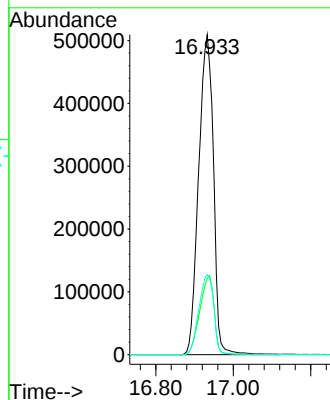
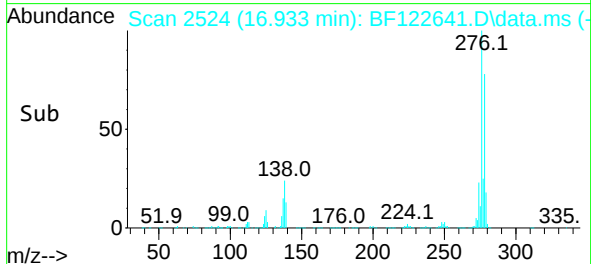
Instrument :  
BNA\_F  
ClientSampleId :  
PB133503BS



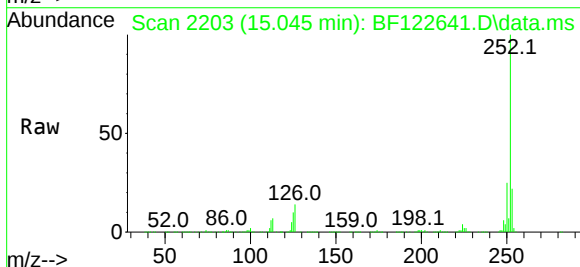
Tgt Ion:276 Resp: 1348224  
Ion Ratio Lower Upper  
276 100  
138 24.0 18.7 28.1  
277 25.4 20.2 30.4

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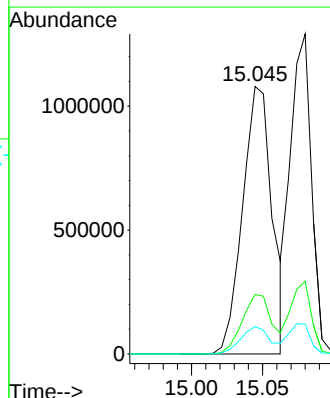
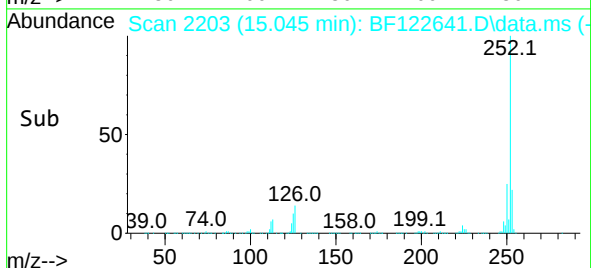
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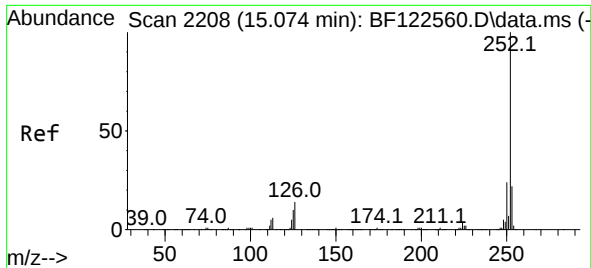


#88  
Benzo(b)fluoranthene  
Concen: 37.42 ng  
RT: 15.045 min Scan# 2203  
Delta R.T. -0.000 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19



Tgt Ion:252 Resp: 1560567  
Ion Ratio Lower Upper  
252 100  
253 22.2 18.3 27.5  
125 10.3 8.1 12.1





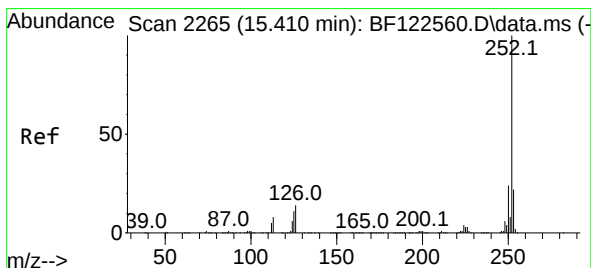
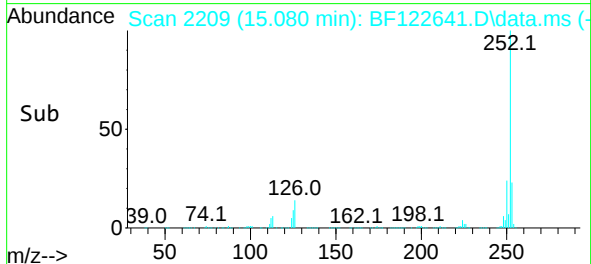
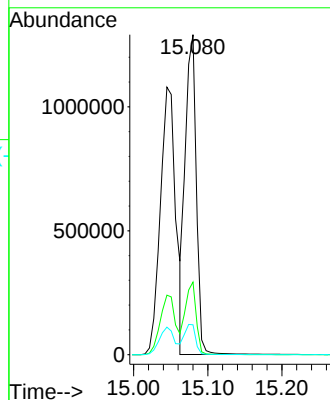
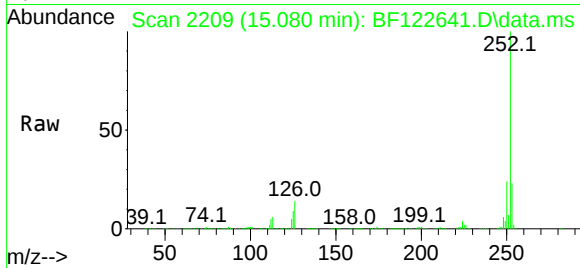
#89  
Benzo(k)fluoranthene  
Concen: 35.26 ng  
RT: 15.080 min Scan# 2209  
Delta R.T. 0.006 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19

Tgt Ion:252 Resp: 1344470  
Ion Ratio Lower Upper  
252 100  
253 22.7 17.8 26.8  
125 9.3 8.4 12.6

Instrument :  
BNA\_F  
ClientSampleId :  
PB133503BS

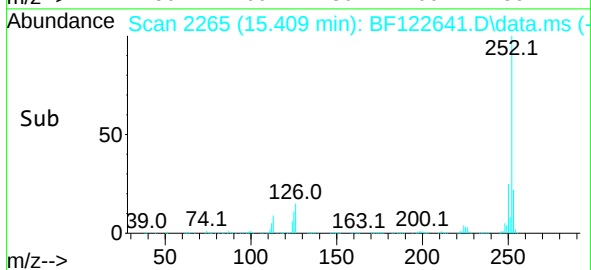
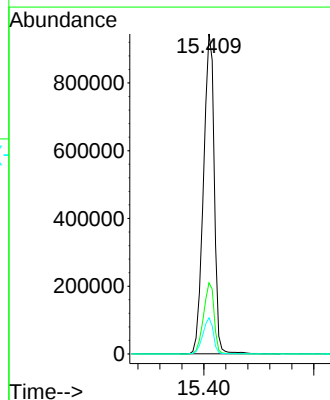
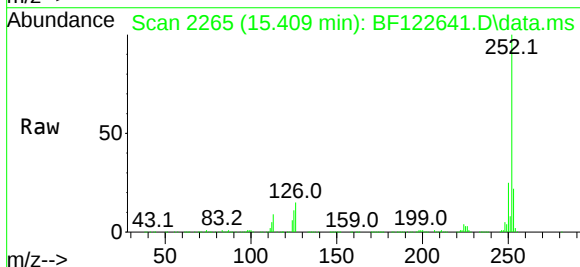
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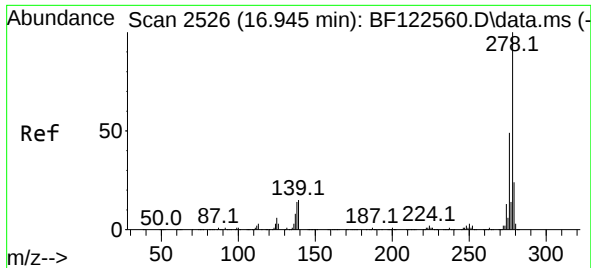
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#90  
Benzo(a)pyrene  
Concen: 35.21 ng  
RT: 15.409 min Scan# 2265  
Delta R.T. -0.000 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19

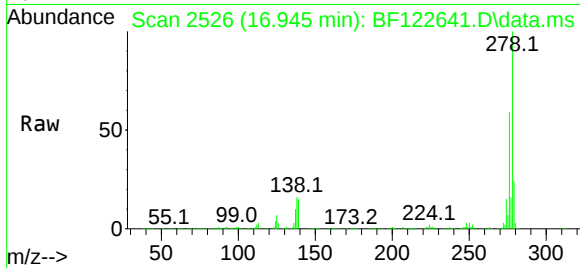
Tgt Ion:252 Resp: 1284579  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.5 26.3  
125 11.3 8.6 12.8





#91  
Dibenzo(a,h)anthracene  
Concen: 34.85 ng  
RT: 16.945 min Scan# 2526  
Delta R.T. -0.000 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19

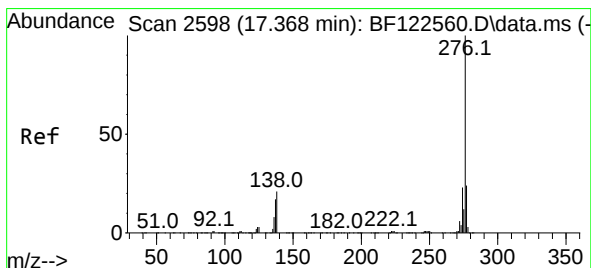
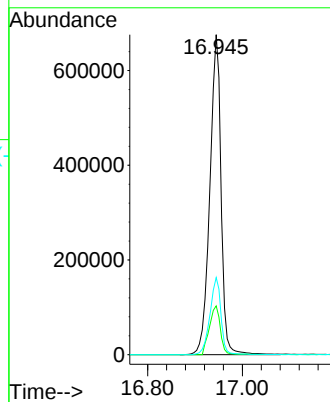
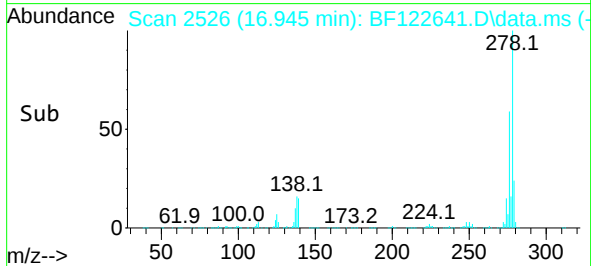
Instrument :  
BNA\_F  
ClientSampleId :  
PB133503BS



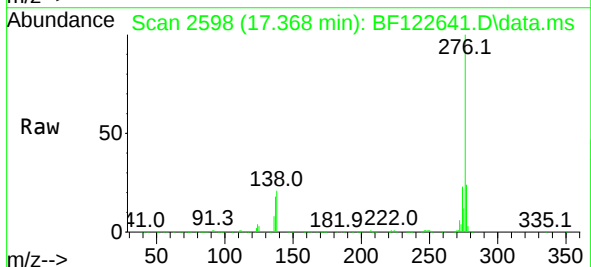
Tgt Ion:278 Resp: 1112943  
Ion Ratio Lower Upper  
278 100  
139 15.3 12.0 18.0  
279 24.1 19.4 29.2

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#92  
Benzo(g,h,i)perylene  
Concen: 35.95 ng  
RT: 17.368 min Scan# 2598  
Delta R.T. -0.000 min  
Lab File: BF122641.D  
Acq: 10 Dec 2020 11:19



Tgt Ion:276 Resp: 1111061  
Ion Ratio Lower Upper  
276 100  
277 24.4 19.3 28.9  
138 20.9 16.6 24.8

