

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101221\  
 Data File : BF125809.D  
 Acq On : 12 Oct 2021 19:04  
 Operator : JU/CG  
 Sample : M4159-20MSD  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 T10-COMP-(1-4)MSD

Manual Integrations  
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 10/14/2021 10:53:25 AM

Quant Time: Oct 13 09:44:47 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF100721.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 07 17:16:23 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.845  | 152  | 187736   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.122  | 136  | 693678   | 20.00 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.874  | 164  | 316969   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.357 | 188  | 522721   | 20.00 | ng    | # 0.00   |
| 76) Chrysene-d12              | 13.998 | 240  | 425821   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12              | 15.445 | 264  | 365608   | 20.00 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 5) 2-Fluorophenol             | 5.463  | 112  | 1039679  | 90.47 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.469  | 99   | 1225212  | 82.82 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.404  | 82   | 741094   | 66.41 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.663 | 330  | 284415   | 90.88 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.198  | 172  | 1400004  | 76.18 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.939 | 244  | 1438304  | 51.45 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.634  | 88   | 208534   | 42.62 | ng    | # 100    |
| 3) Pyridine                   | 3.381  | 79   | 438007   | 34.60 | ng    | # 72     |
| 4) n-Nitrosodimethylamine     | 3.328  | 42   | 205572   | 45.11 | ng    | # 1      |
| 6) Aniline                    | 6.504  | 93   | 452562   | 26.57 | ng    | 94       |
| 8) 2-Chlorophenol             | 6.628  | 128  | 514386   | 40.87 | ng    | 98       |
| 9) Benzaldehyde               | 6.392  | 77   | 299563   | 37.31 | ng    | 95       |
| 10) Phenol                    | 6.481  | 94   | 602939   | 41.91 | ng    | 90       |
| 11) bis(2-Chloroethyl)ether   | 6.575  | 93   | 497986   | 42.72 | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 6.786  | 146  | 579202   | 42.18 | ng    | 96       |
| 13) 1,4-Dichlorobenzene       | 6.863  | 146  | 590033   | 42.14 | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 7.016  | 146  | 551893   | 42.08 | ng    | 98       |
| 15) Benzyl Alcohol            | 6.981  | 79   | 377945   | 38.55 | ng    | 92       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.116  | 45   | 616877   | 41.38 | ng    | 89       |
| 17) 2-Methylphenol            | 7.092  | 107  | 377288   | 37.65 | ng    | 97       |
| 18) Hexachloroethane          | 7.357  | 117  | 202682   | 42.03 | ng    | 92       |
| 19) n-Nitroso-di-n-propyla... | 7.251  | 70   | 315230   | 40.36 | ng    | # 68     |
| 20) 3+4-Methylphenols         | 7.245  | 107  | 455256   | 36.84 | ng    | # 82     |
| 22) Acetophenone              | 7.251  | 105  | 656181   | 43.03 | ng    | # 91     |
| 24) Nitrobenzene              | 7.422  | 77   | 470734   | 43.53 | ng    | 98       |
| 25) Isophorone                | 7.663  | 82   | 843201   | 42.65 | ng    | 95       |
| 26) 2-Nitrophenol             | 7.739  | 139  | 256803   | 46.96 | ng    | # 94     |
| 27) 2,4-Dimethylphenol        | 7.775  | 122  | 412115   | 45.25 | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 7.869  | 93   | 546499   | 39.82 | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 7.980  | 162  | 371186   | 37.83 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.063  | 180  | 441834   | 41.07 | ng    | 97       |
| 31) Naphthalene               | 8.145  | 128  | 1430681  | 42.66 | ng    | 98       |
| 32) Benzoic acid              | 7.875  | 122  | 269308   | 42.05 | ng    | 99       |
| 33) 4-Chloroaniline           | 8.192  | 127  | 192861   | 13.74 | ng    | 96       |
| 34) Hexachlorobutadiene       | 8.269  | 225  | 249159   | 41.46 | ng    | 99       |
| 35) Caprolactam               | 8.545  | 113  | 119534m  | 42.17 | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.669  | 107  | 353998   | 36.93 | ng    | 97       |
| 37) 2-Methylnaphthalene       | 8.839  | 142  | 922856   | 42.49 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.933  | 142  | 841594   | 39.93 | ng    | 97       |
| 40) 1,2,4,5-Tetrachloroben... | 9.004  | 216  | 377552   | 44.38 | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 8.992  | 237  | 387110   | 92.72 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.110  | 196  | 252890   | 41.02 | ng    | 97       |

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 QLast Update : Thu Oct 07 17:16:23 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.151  | 196  | 267007   | 40.73 | ng    | # 89     |
| 46) 1,1'-Biphenyl             | 9.298  | 154  | 1002011  | 43.00 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 9.322  | 162  | 829593   | 43.84 | ng    | 97       |
| 48) 2-Nitroaniline            | 9.416  | 65   | 197244   | 43.42 | ng    | 87       |
| 49) Acenaphthylene            | 9.739  | 152  | 1205612  | 43.51 | ng    | 98       |
| 50) Dimethylphthalate         | 9.598  | 163  | 876708   | 42.02 | ng    | 98       |
| 51) 2,6-Dinitrotoluene        | 9.657  | 165  | 190804   | 45.24 | ng    | # 88     |
| 52) Acenaphthene              | 9.910  | 154  | 790987   | 45.69 | ng    | 98       |
| 53) 3-Nitroaniline            | 9.822  | 138  | 164491   | 32.98 | ng    | 91       |
| 54) 2,4-Dinitrophenol         | 9.927  | 184  | 156290   | 87.30 | ng    | # 73     |
| 55) Dibenzofuran              | 10.080 | 168  | 1068749  | 41.21 | ng    | 95       |
| 56) 4-Nitrophenol             | 9.980  | 139  | 348706   | 93.80 | ng    | # 86     |
| 57) 2,4-Dinitrotoluene        | 10.057 | 165  | 250150   | 46.91 | ng    | # 82     |
| 58) Fluorene                  | 10.421 | 166  | 816772   | 43.00 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.198 | 232  | 200413   | 40.50 | ng    | # 88     |
| 60) Diethylphthalate          | 10.298 | 149  | 831771   | 41.78 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 10.416 | 204  | 371305   | 40.58 | ng    | 88       |
| 62) 4-Nitroaniline            | 10.433 | 138  | 193745   | 42.04 | ng    | # 74     |
| 63) Azobenzene                | 10.574 | 77   | 757306   | 40.47 | ng    | 85       |
| 65) 4,6-Dinitro-2-methylph... | 10.463 | 198  | 102808   | 39.43 | ng    | # 74     |
| 66) n-Nitrosodiphenylamine    | 10.533 | 169  | 701356   | 39.33 | ng    | 96       |
| 67) 4-Bromophenyl-phenylether | 10.904 | 248  | 225500   | 38.95 | ng    | 98       |
| 68) Hexachlorobenzene         | 10.974 | 284  | 268839   | 40.98 | ng    | # 79     |
| 69) Atrazine                  | 11.057 | 200  | 224855   | 43.45 | ng    | 94       |
| 70) Pentachlorophenol         | 11.163 | 266  | 305909   | 87.23 | ng    | 95       |
| 71) Phenanthrene              | 11.386 | 178  | 1203922  | 43.05 | ng    | 98       |
| 72) Anthracene                | 11.433 | 178  | 1227374  | 43.94 | ng    | 99       |
| 73) Carbazole                 | 11.586 | 167  | 1152415  | 44.33 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.921 | 149  | 1311719  | 45.70 | ng    | 99       |
| 75) Fluoranthene              | 12.568 | 202  | 1316121  | 52.15 | ng    | 96       |
| 77) Benzidine                 | 12.686 | 184  | 238432   | 15.30 | ng    | 98       |
| 78) Pyrene                    | 12.798 | 202  | 1377640  | 31.85 | ng    | 97       |
| 80) Butylbenzylphthalate      | 13.415 | 149  | 599874   | 43.26 | ng    | 96       |
| 81) Benzo(a)anthracene        | 13.986 | 228  | 1140164  | 41.27 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.945 | 252  | 272829   | 31.26 | ng    | 99       |
| 83) Chrysene                  | 14.021 | 228  | 1173929  | 42.99 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 13.980 | 149  | 776161   | 51.44 | ng    | 98       |
| 85) Di-n-octyl phthalate      | 14.586 | 149  | 1424831  | 56.68 | ng    | # 89     |
| 87) Indeno(1,2,3-cd)pyrene    | 16.898 | 276  | 871968   | 31.25 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 15.027 | 252  | 1062798  | 51.49 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 15.056 | 252  | 1029647  | 48.59 | ng    | 97       |
| 90) Benzo(a)pyrene            | 15.386 | 252  | 964395   | 52.76 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 16.915 | 278  | 720891   | 31.32 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.333 | 276  | 712893   | 30.33 | ng    | 93       |

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

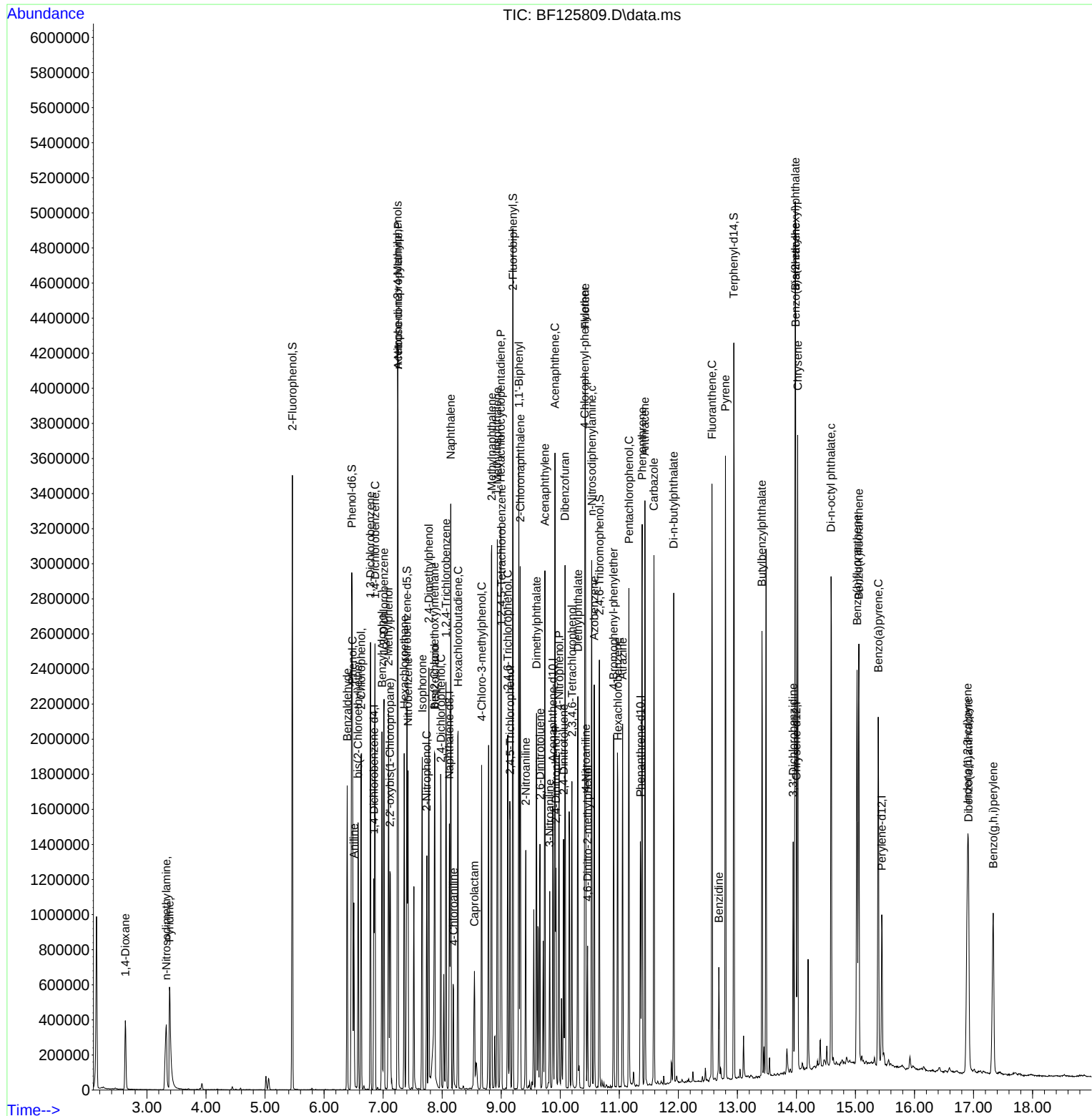
Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101221\  
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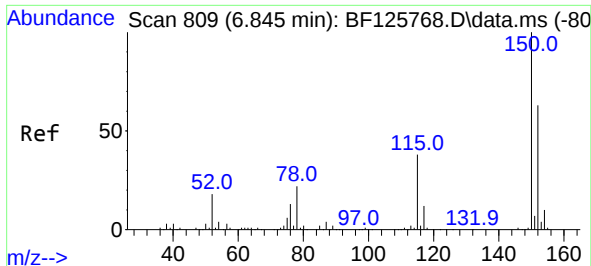
Instrument :  
 BNA\_F  
 ClientSampleId :  
 T10-COMP-(1-4)MSD

Manual Integrations  
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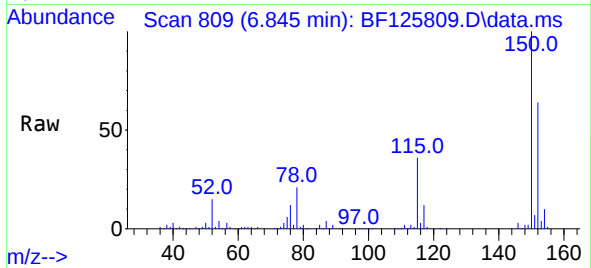
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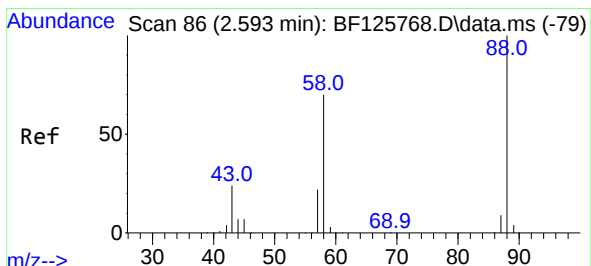
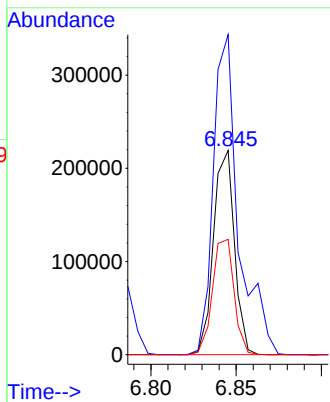
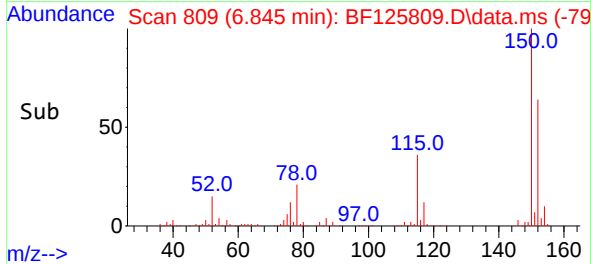




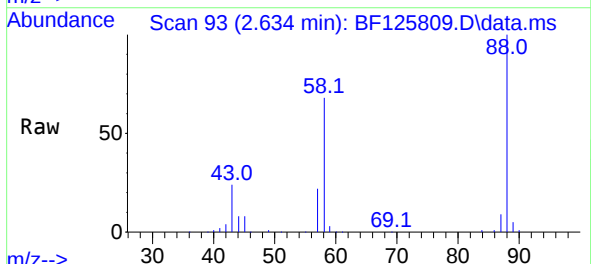
#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.845 min Scan# 809  
Delta R.T. 0.000 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04



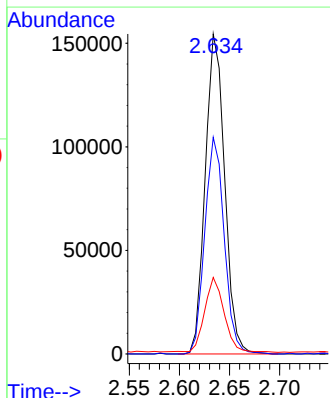
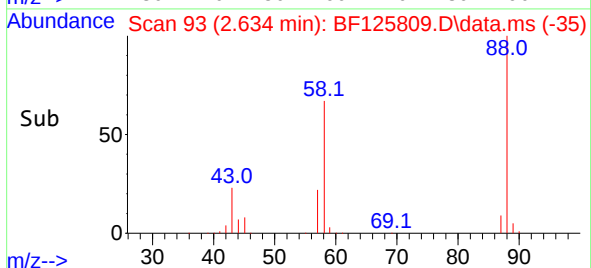
Tgt Ion:152 Resp: 187736  
Ion Ratio Lower Upper  
152 100  
150 156.8 117.6 176.4  
115 56.5 47.1 70.7



#2  
1,4-Dioxane  
Concen: 42.62 ng  
RT: 2.634 min Scan# 93  
Delta R.T. 0.041 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04



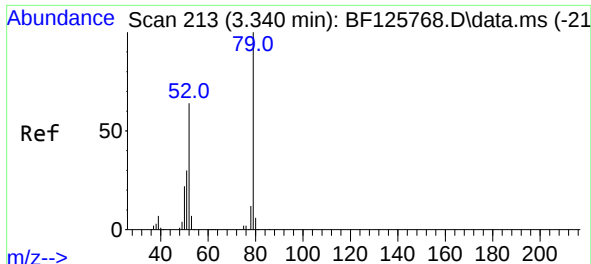
Tgt Ion: 88 Resp: 208534  
Ion Ratio Lower Upper  
88 100  
58 67.9 0.0 0.0#  
43 23.7 0.0 0.0#



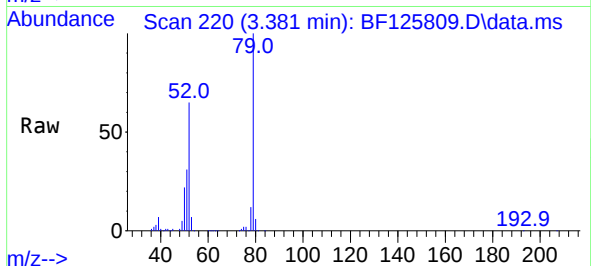
Instrument :  
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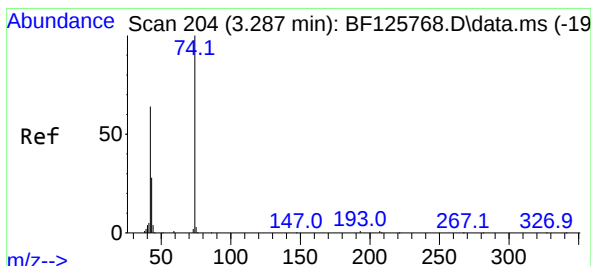
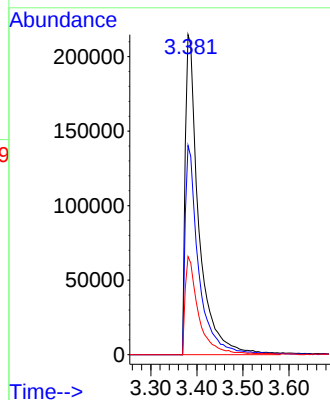
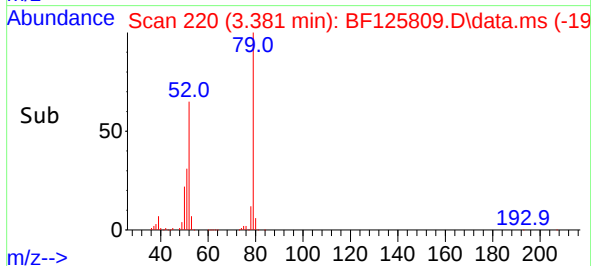
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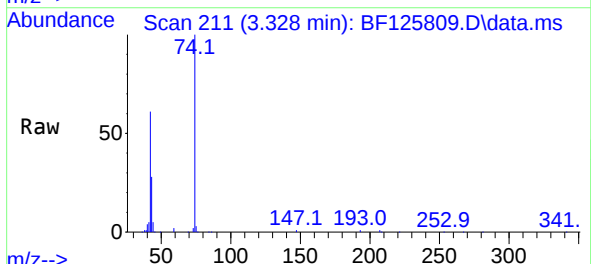
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Pyridine  
Concen: 34.60 ng  
RT: 3.381 min Scan# 220  
Delta R.T. 0.041 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04



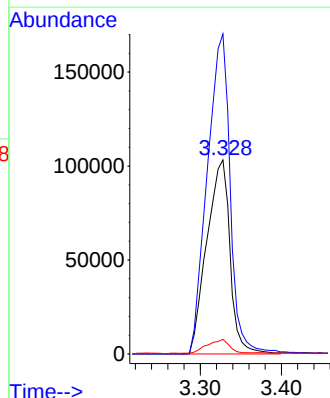
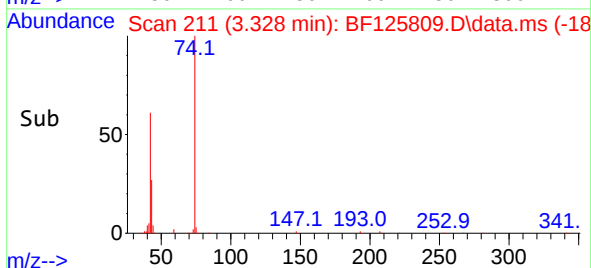
Tgt Ion: 79 Resp: 438007  
Ion Ratio Lower Upper  
79 100  
52 65.4 70.3 105.5#  
51 30.7 44.1 66.1#



#4  
n-Nitrosodimethylamine  
Concen: 45.11 ng  
RT: 3.328 min Scan# 211  
Delta R.T. 0.041 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04



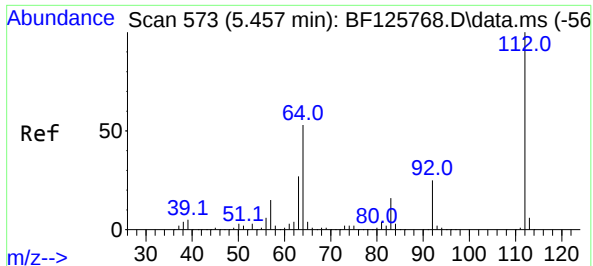
Tgt Ion: 42 Resp: 205572  
Ion Ratio Lower Upper  
42 100  
74 164.9 59.0 88.6#  
44 7.5 0.0 0.0#



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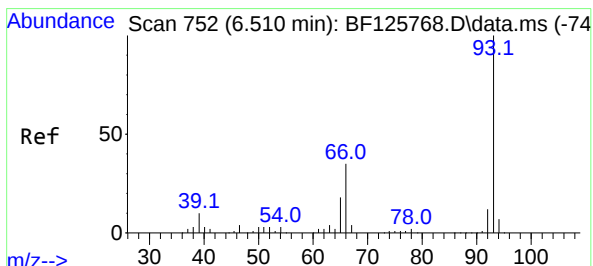
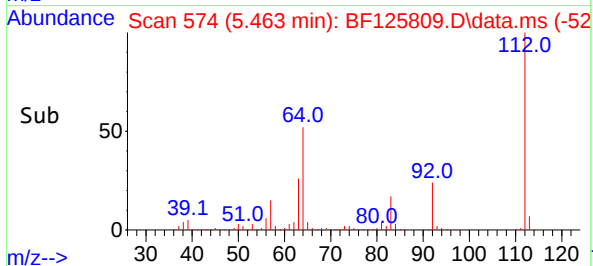
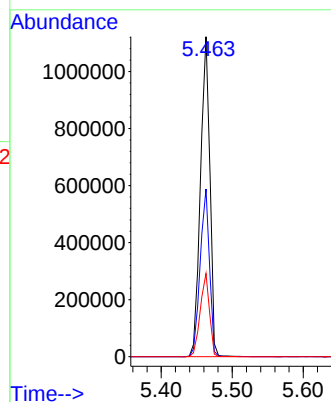
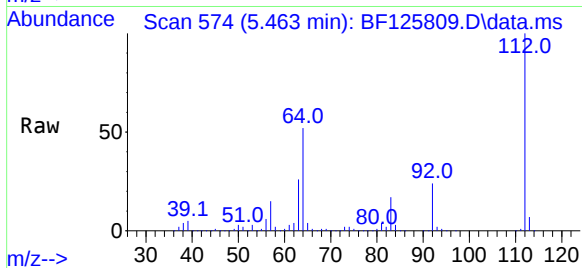
#5  
2-Fluorophenol  
Concen: 90.47 ng  
RT: 5.463 min Scan# 574  
Delta R.T. 0.006 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04

Tgt Ion: 112 Resp: 1039679  
Ion Ratio Lower Upper  
112 100  
64 52.4 44.2 66.2  
63 26.0 26.2 39.2#

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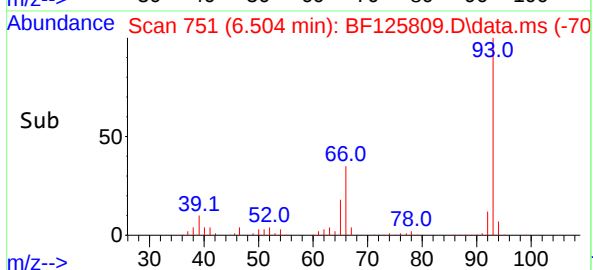
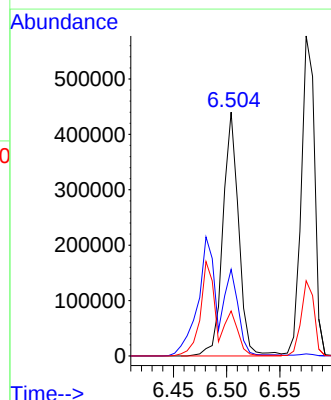
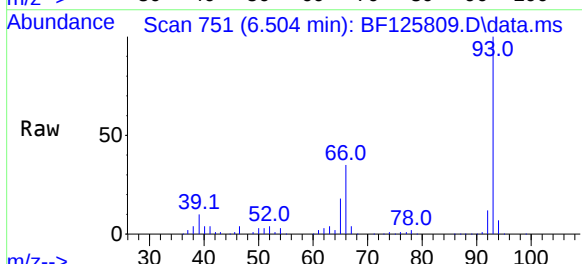
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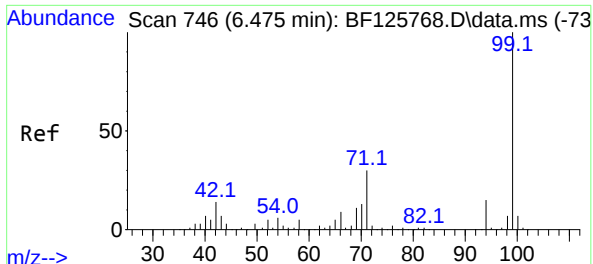
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10/14/2021 10:53:25 AM



#6  
Aniline  
Concen: 26.57 ng  
RT: 6.504 min Scan# 751  
Delta R.T. -0.006 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04

Tgt Ion: 93 Resp: 452562  
Ion Ratio Lower Upper  
93 100  
66 35.5 32.7 49.1  
65 18.5 14.2 21.4





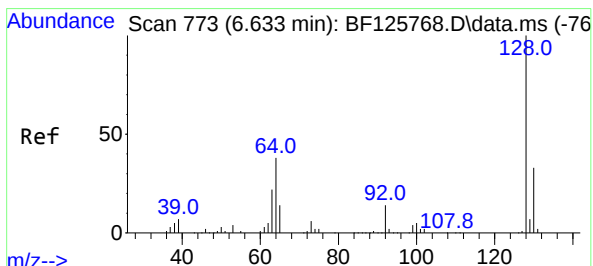
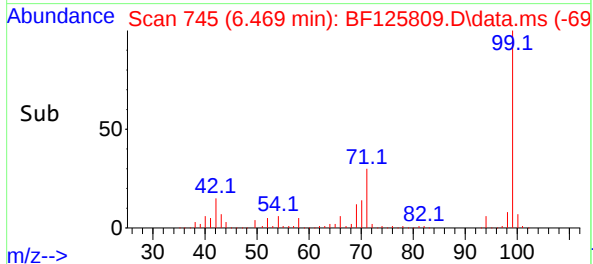
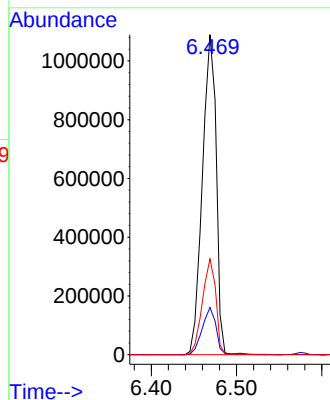
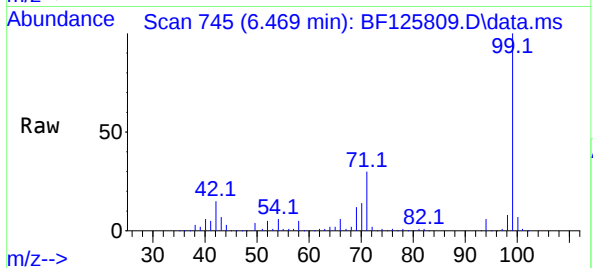
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Phenol-d6  
Concen: 82.82 ng  
RT: 6.469 min Scan# 745  
Delta R.T. -0.006 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04

Tgt Ion: 99 Resp: 1225212  
Ion Ratio Lower Upper  
99 100  
42 14.7 23.5 35.3#  
71 30.0 25.6 38.4

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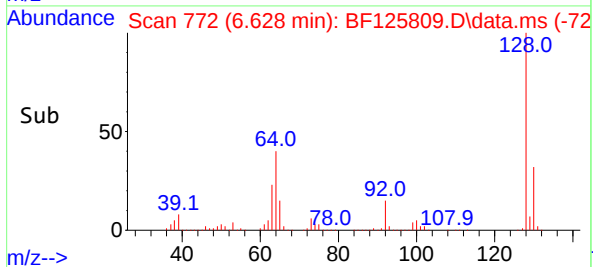
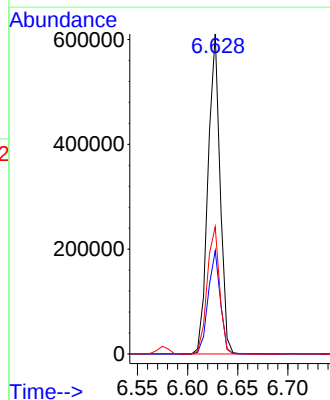
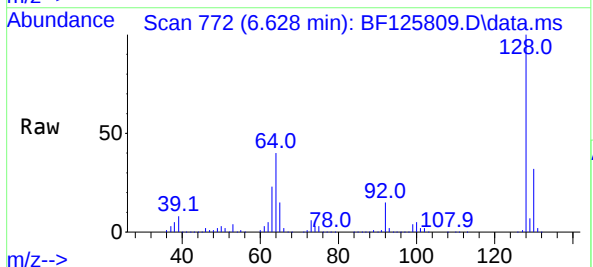
Manual Integrations  
APPROVED

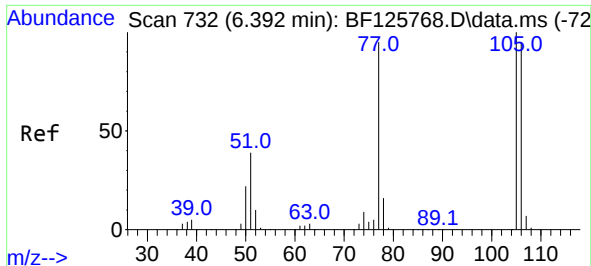
mohammad  
10/14/2021 10:53:25 AM



#8  
2-Chlorophenol  
Concen: 40.87 ng  
RT: 6.628 min Scan# 772  
Delta R.T. -0.006 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04

Tgt Ion:128 Resp: 514386  
Ion Ratio Lower Upper  
128 100  
130 32.3 10.5 50.5  
64 39.7 20.3 60.3





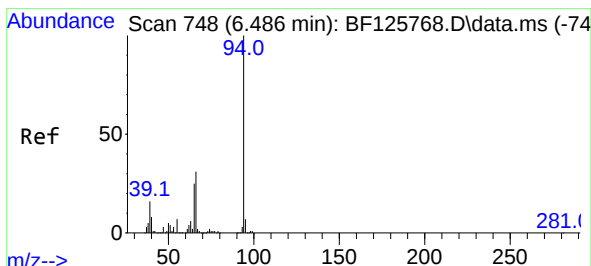
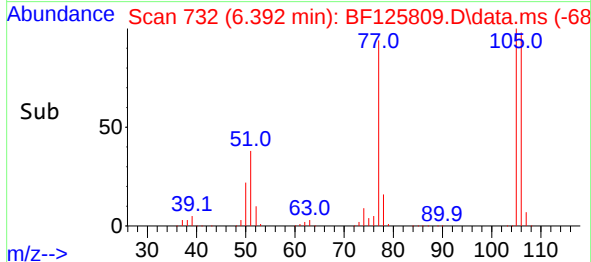
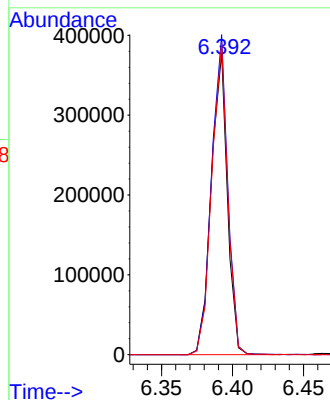
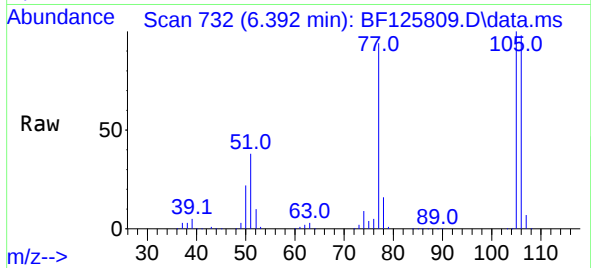
#9  
Benzaldehyde  
Concen: 37.31 ng  
RT: 6.392 min Scan# 732  
Delta R.T. -0.000 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 77    | Resp: | 299563 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 105      | 106.2 | 75.9  | 115.9  |
| 106      | 103.6 | 84.0  | 124.0  |

Instrument :  
BNA\_F  
ClientSampleId :  
T10-COMP-(1-4)MSD

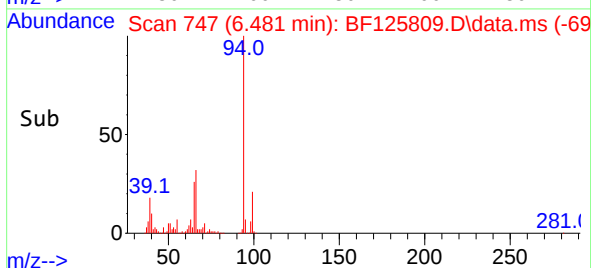
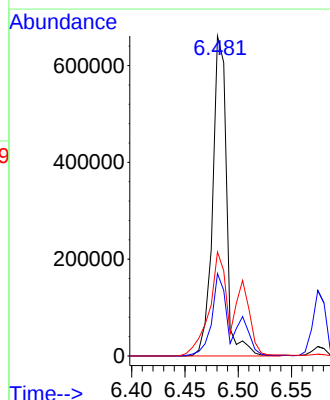
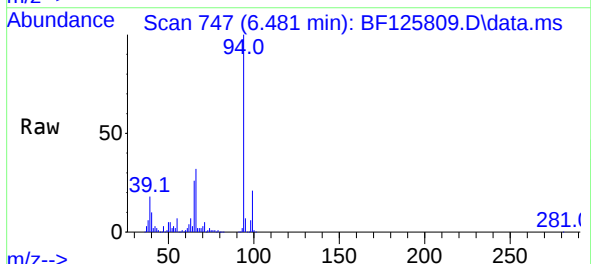
Manual Integrations  
APPROVED

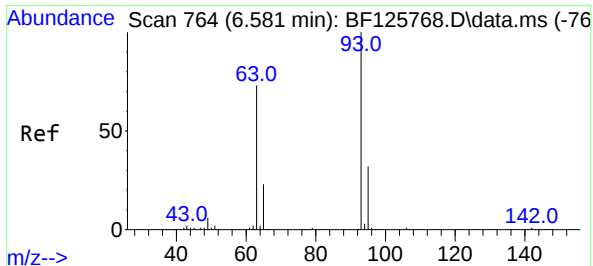
mohammad  
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#10  
Phenol  
Concen: 41.91 ng  
RT: 6.481 min Scan# 747  
Delta R.T. -0.005 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 602939 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 25.8  | 9.3   | 49.3   |
| 66       | 32.5  | 20.3  | 60.3   |





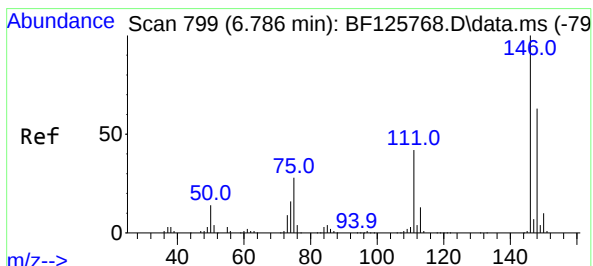
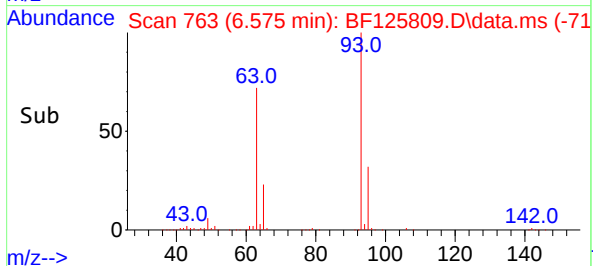
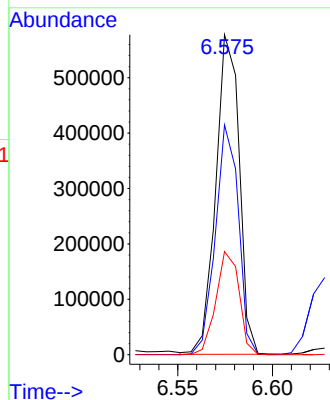
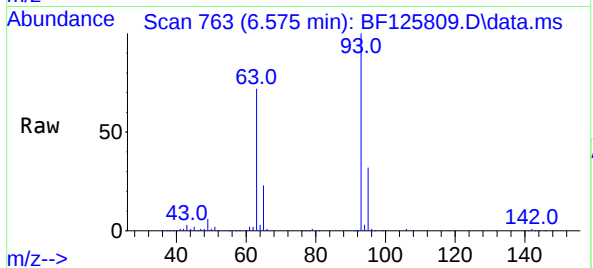
#11  
bis(2-Chloroethyl)ether  
Concen: 42.72 ng  
RT: 6.575 min Scan# 763  
Delta R.T. -0.006 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04

Tgt Ion: 93 Resp: 497986  
Ion Ratio Lower Upper  
93 100  
63 71.8 54.4 94.4  
95 32.2 11.4 51.4

Instrument :  
BNA\_F  
ClientSampleId :  
T10-COMP-(1-4)MSD

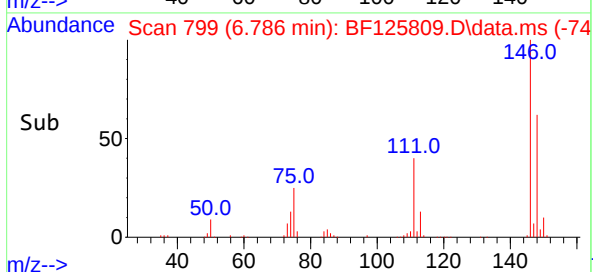
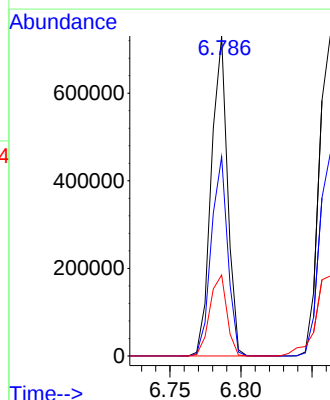
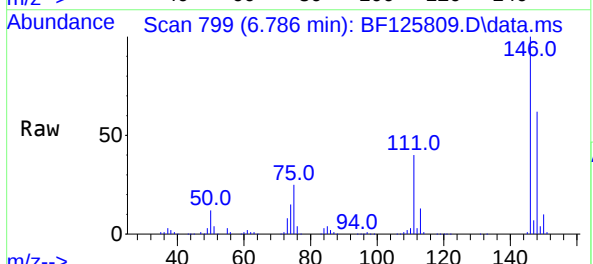
Manual Integrations  
APPROVED

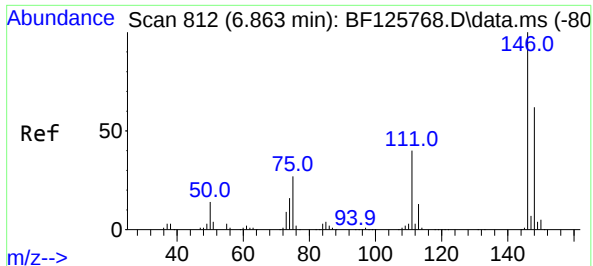
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#12  
1,3-Dichlorobenzene  
Concen: 42.18 ng  
RT: 6.786 min Scan# 799  
Delta R.T. -0.000 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04

Tgt Ion:146 Resp: 579202  
Ion Ratio Lower Upper  
146 100  
148 62.3 49.7 74.5  
75 25.3 25.2 37.8





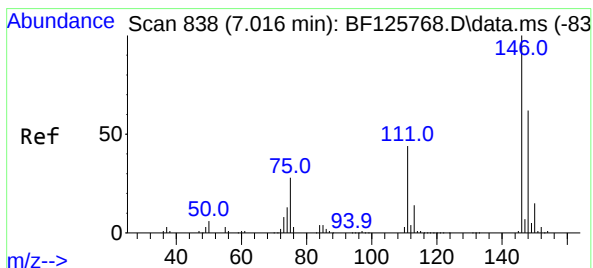
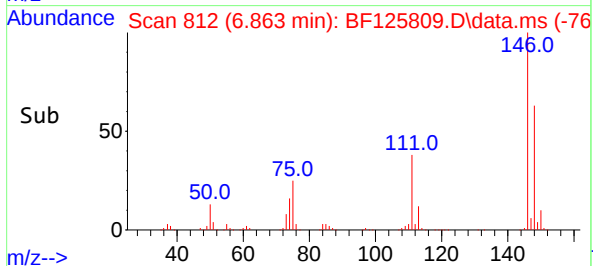
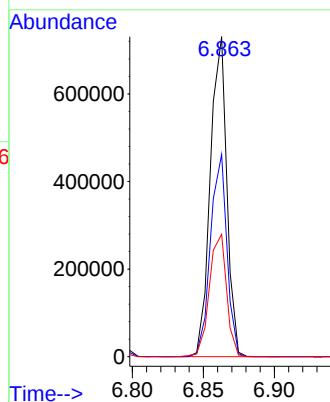
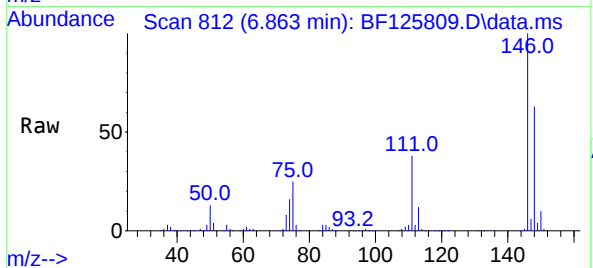
#13  
1,4-Dichlorobenzene  
Concen: 42.14 ng  
RT: 6.863 min Scan# 812  
Delta R.T. -0.000 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04

Tgt Ion:146 Resp: 590033  
Ion Ratio Lower Upper  
146 100  
148 63.2 51.9 77.9  
111 38.3 31.8 47.6

Instrument :  
BNA\_F  
ClientSampleId :  
T10-COMP-(1-4)MSD

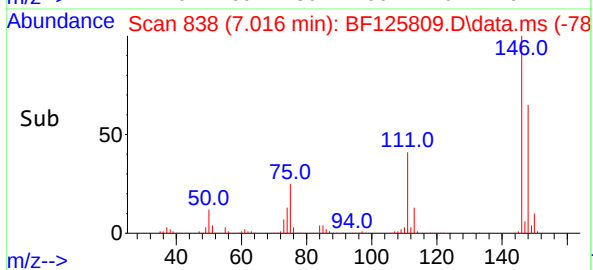
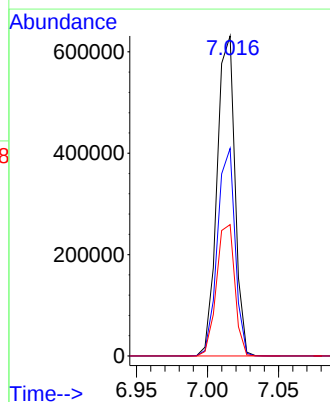
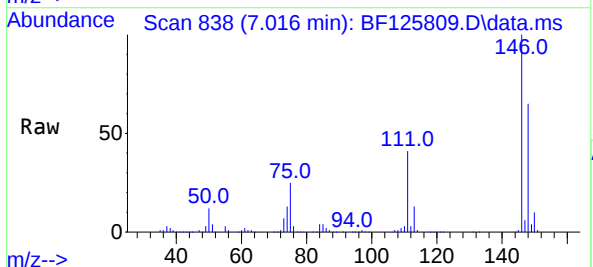
Manual Integrations  
APPROVED

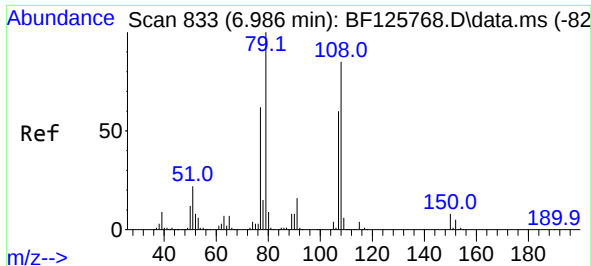
mohammad  
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#14  
1,2-Dichlorobenzene  
Concen: 42.08 ng  
RT: 7.016 min Scan# 838  
Delta R.T. -0.000 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04

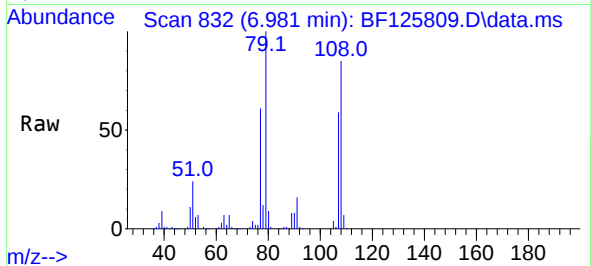
Tgt Ion:146 Resp: 551893  
Ion Ratio Lower Upper  
146 100  
148 64.8 50.6 75.8  
111 41.1 33.5 50.3





#15  
Benzyl Alcohol  
Concen: 38.55 ng  
RT: 6.981 min Scan# 832  
Delta R.T. -0.006 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04

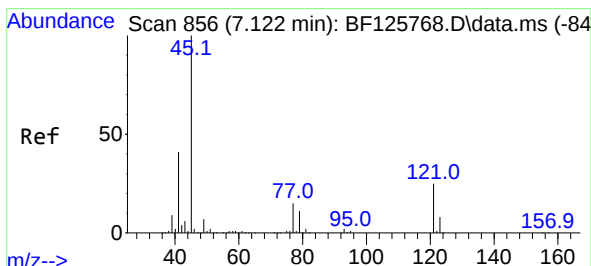
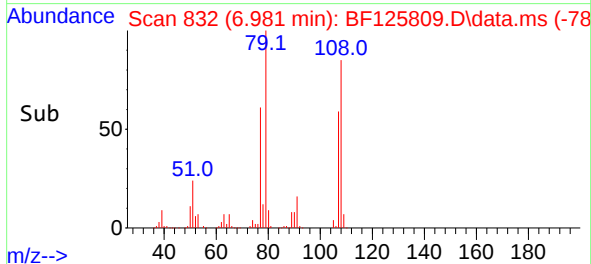
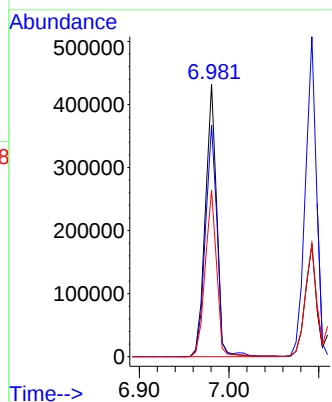
Instrument :  
BNA\_F  
ClientSampleId :  
T10-COMP-(1-4)MSD



Tgt Ion: 79 Resp: 377945  
Ion Ratio Lower Upper  
79 100  
108 84.9 60.4 90.6  
77 61.1 51.5 77.3

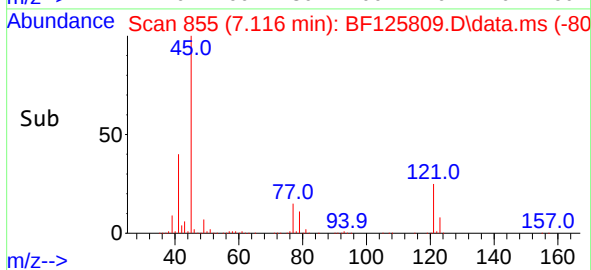
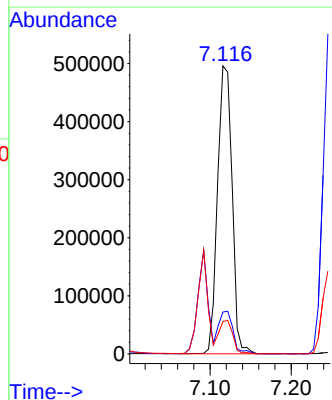
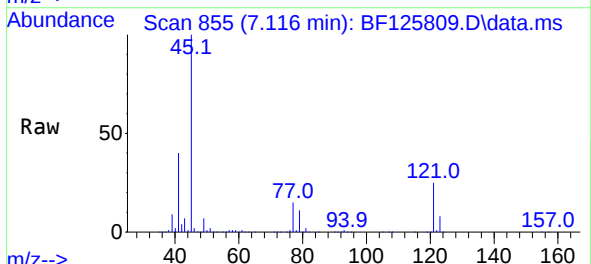
Manual Integrations  
APPROVED

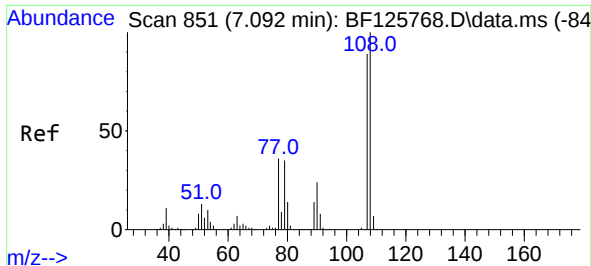
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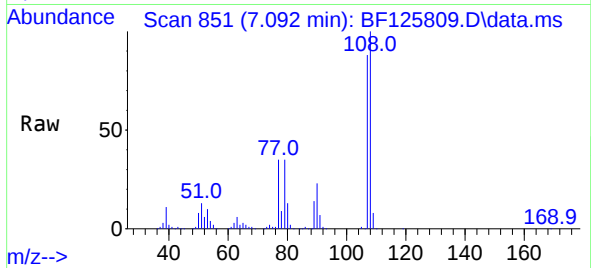
#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 41.38 ng  
RT: 7.116 min Scan# 855  
Delta R.T. -0.006 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04

Tgt Ion: 45 Resp: 616877  
Ion Ratio Lower Upper  
45 100  
77 14.5 0.0 30.6  
79 11.2 0.0 27.5

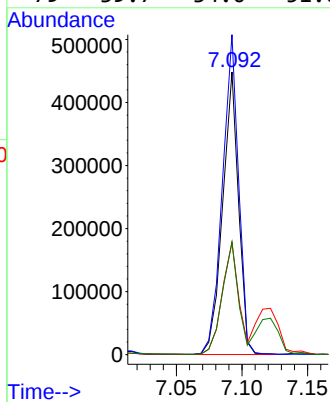
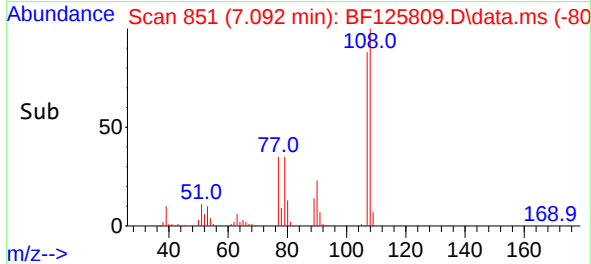




#17  
2-Methylphenol  
Concen: 37.65 ng  
RT: 7.092 min Scan# 851  
Delta R.T. 0.000 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04



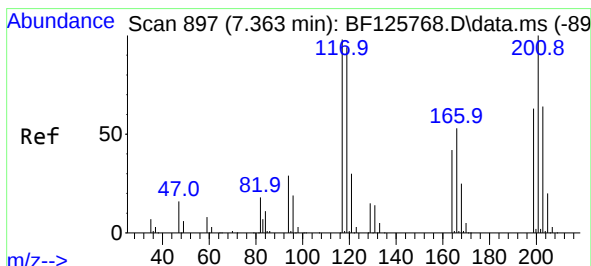
Tgt Ion:107 Resp: 377288  
Ion Ratio Lower Upper  
107 100  
108 113.2 90.6 135.8  
77 39.8 35.7 53.5  
79 39.7 34.0 51.0



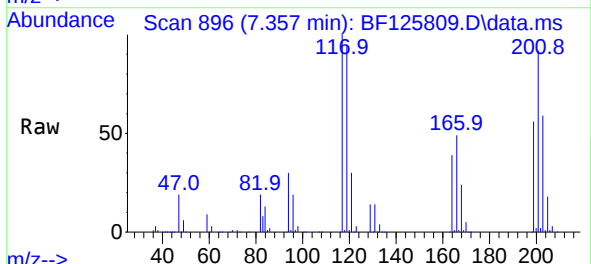
Instrument :  
BNA\_F  
ClientSampleId :  
T10-COMP-(1-4)MSD

Manual Integrations  
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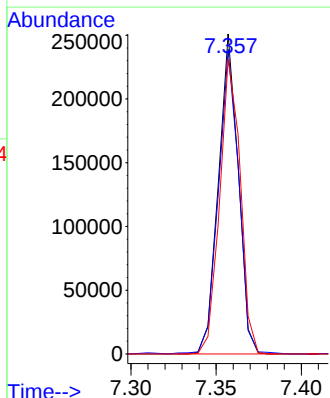
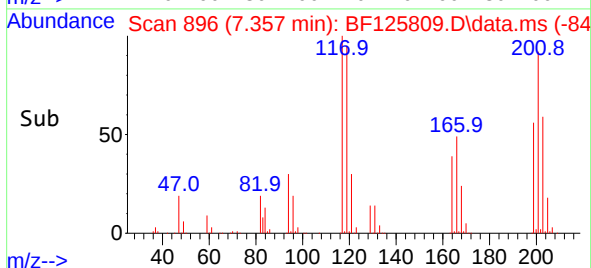
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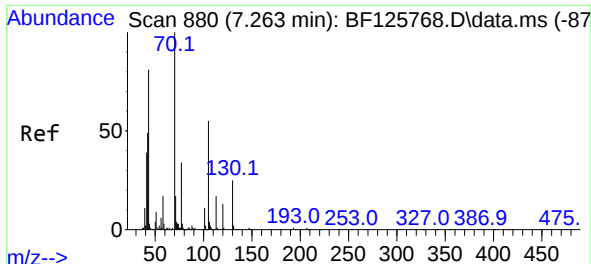


#18  
Hexachloroethane  
Concen: 42.03 ng  
RT: 7.357 min Scan# 896  
Delta R.T. -0.006 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04



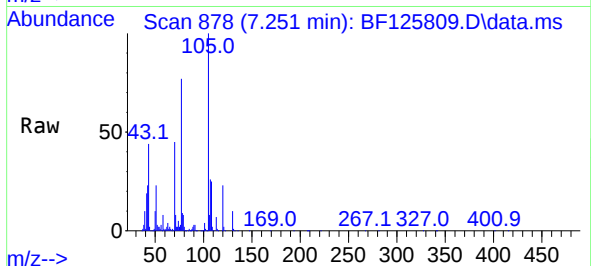
Tgt Ion:117 Resp: 202682  
Ion Ratio Lower Upper  
117 100  
119 95.2 73.4 110.2  
201 92.1 64.9 97.3





#19  
n-Nitroso-di-n-propylamine  
Concen: 40.36 ng  
RT: 7.251 min Scan# 878  
Delta R.T. -0.012 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04

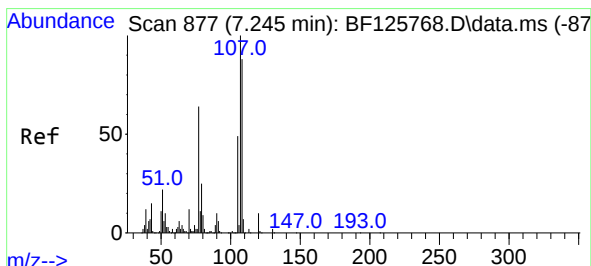
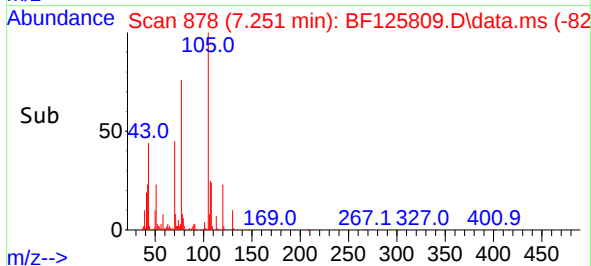
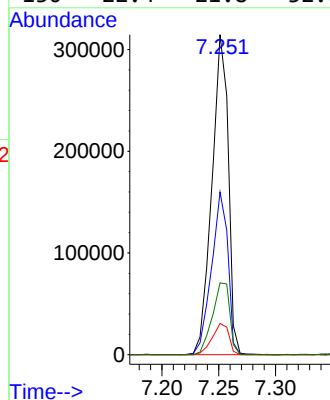
Instrument :  
BNA\_F  
ClientSampleId :  
T10-COMP-(1-4)MSD



Tgt Ion: 70 Resp: 315230  
Ion Ratio Lower Upper  
70 100  
42 50.8 72.2 108.2#  
101 9.8 7.8 11.8  
130 22.4 21.8 32.6

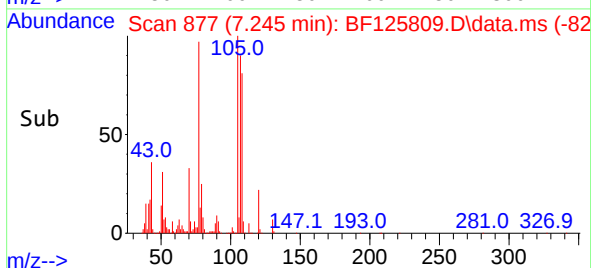
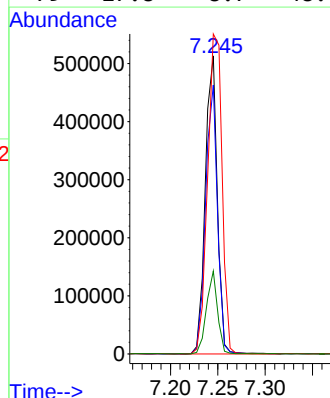
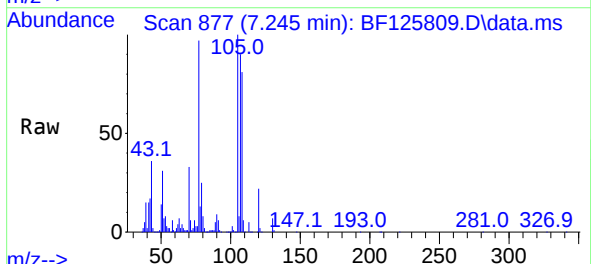
Manual Integrations  
APPROVED

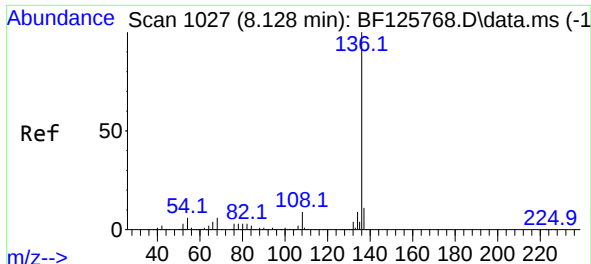
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#20  
3+4-Methylphenols  
Concen: 36.84 ng  
RT: 7.245 min Scan# 877  
Delta R.T. -0.000 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04

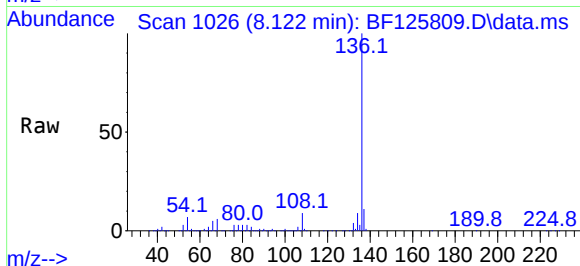
Tgt Ion: 107 Resp: 455256  
Ion Ratio Lower Upper  
107 100  
108 90.3 76.6 116.6  
77 107.4 53.3 93.3#  
79 27.8 8.7 48.7





#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.122 min Scan# 1026  
Delta R.T. -0.006 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04

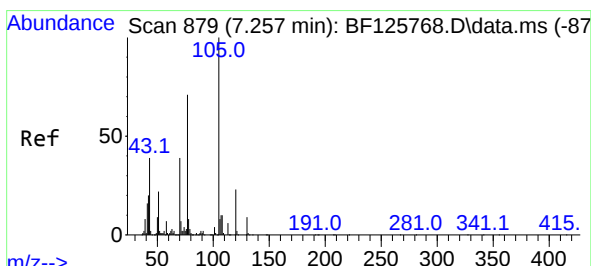
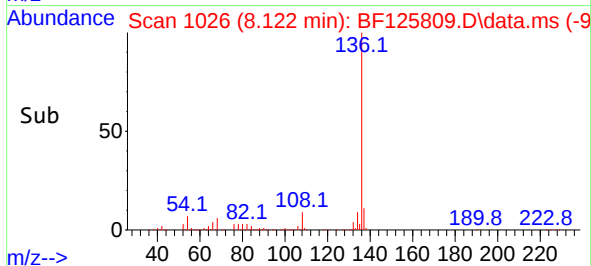
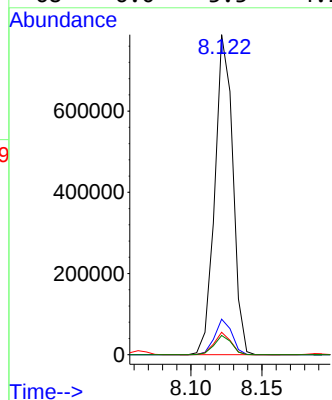
Instrument :  
BNA\_F  
ClientSampleId :  
T10-COMP-(1-4)MSD



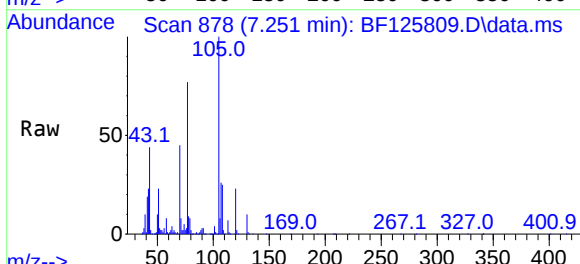
Tgt Ion:136 Resp: 693678  
Ion Ratio Lower Upper  
136 100  
137 11.1 9.8 14.6  
54 7.0 6.4 9.6  
68 6.0 3.3 4.9#

Manual Integrations  
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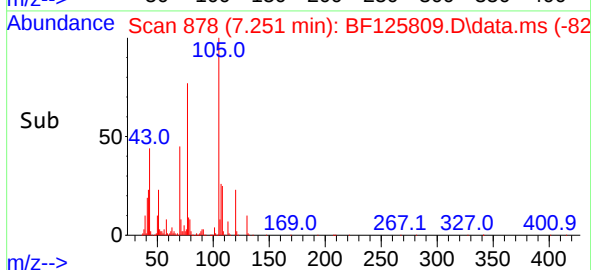
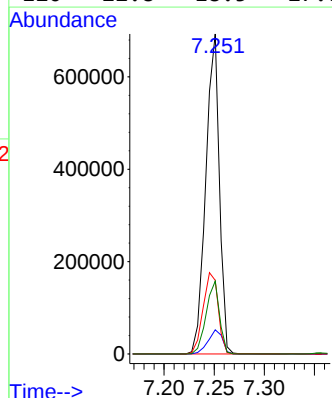
mohammad  
10/14/2021 10:53:25 AM

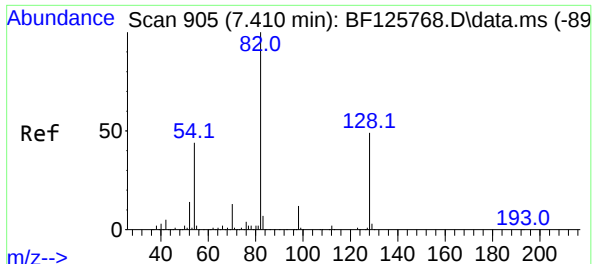


#22  
Acetophenone  
Concen: 43.03 ng  
RT: 7.251 min Scan# 878  
Delta R.T. -0.006 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04



Tgt Ion:105 Resp: 656181  
Ion Ratio Lower Upper  
105 100  
71 7.5 5.5 8.3  
51 23.0 26.0 39.0#  
120 22.8 18.5 27.7





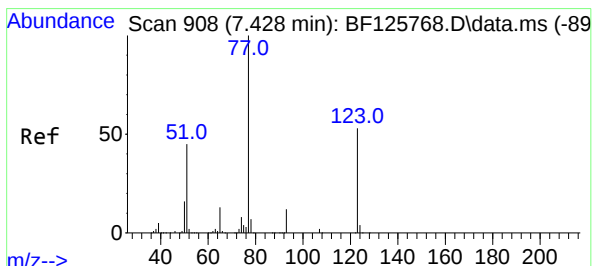
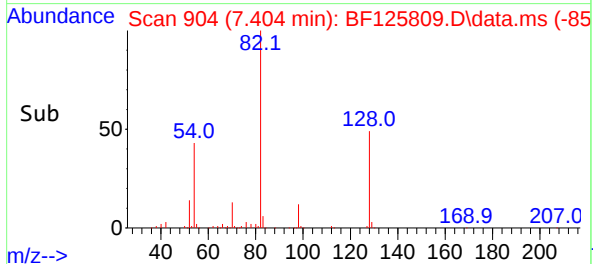
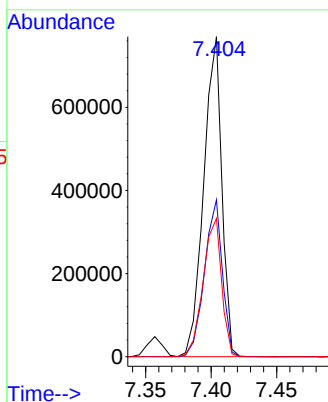
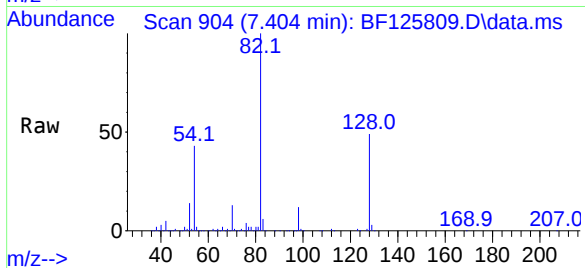
#23  
Nitrobenzene-d5  
Concen: 66.41 ng  
RT: 7.404 min Scan# 904  
Delta R.T. -0.006 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04

Tgt Ion: 82 Resp: 741094  
Ion Ratio Lower Upper  
82 100  
128 49.0 40.6 60.8  
54 43.2 49.6 74.4#

Instrument :  
BNA\_F  
ClientSampleId :  
T10-COMP-(1-4)MSD

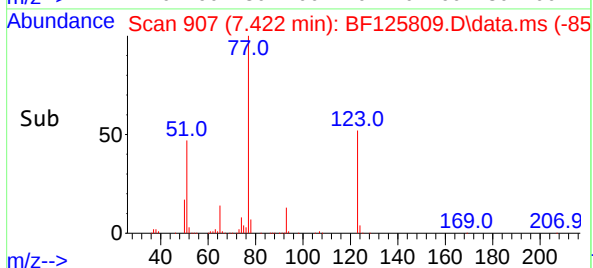
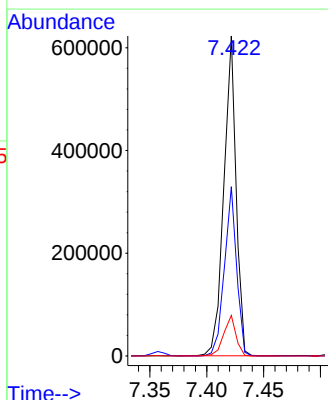
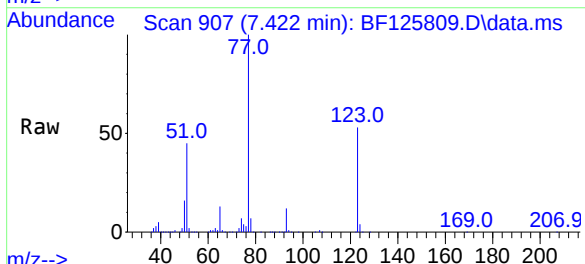
Manual Integrations  
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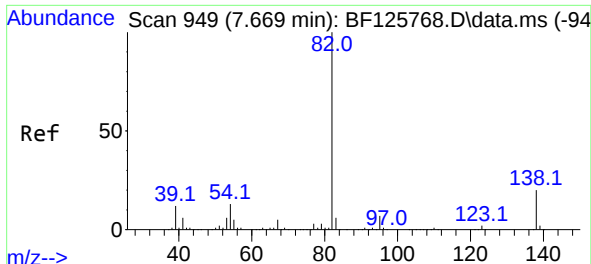
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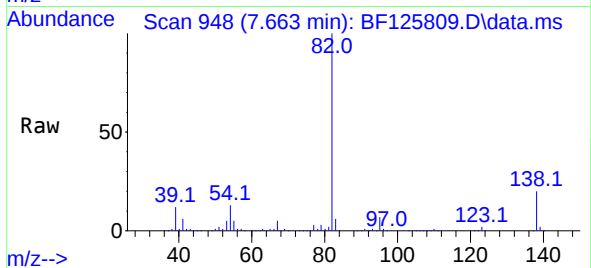
#24  
Nitrobenzene  
Concen: 43.53 ng  
RT: 7.422 min Scan# 907  
Delta R.T. -0.006 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04

Tgt Ion: 77 Resp: 470734  
Ion Ratio Lower Upper  
77 100  
123 52.9 42.3 63.5  
65 12.6 12.4 18.6

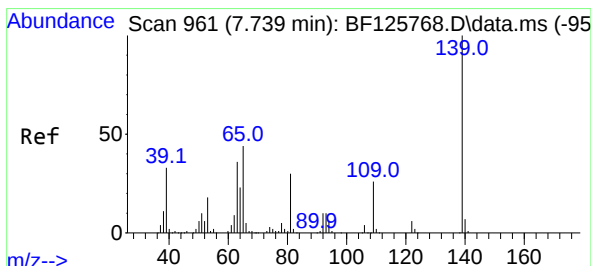
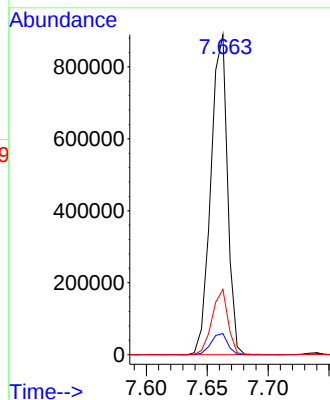
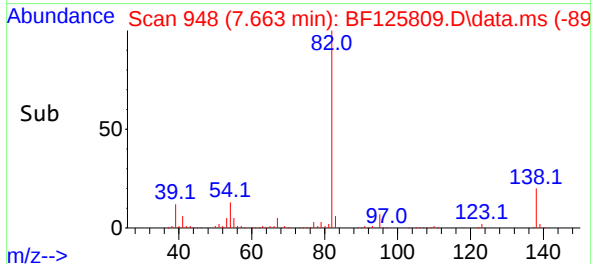




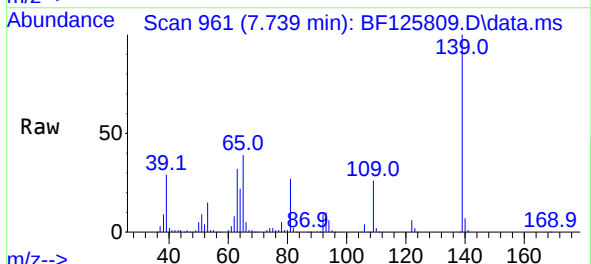
#25  
Isophorone  
Concen: 42.65 ng  
RT: 7.663 min Scan# 948  
Delta R.T. -0.006 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04



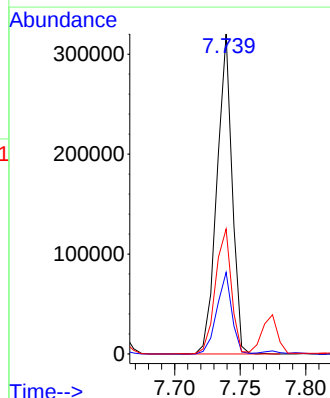
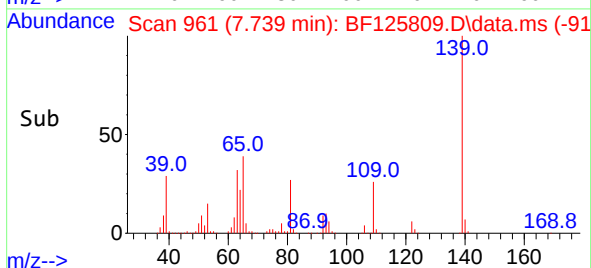
Tgt Ion: 82 Resp: 843201  
Ion Ratio Lower Upper  
82 100  
95 6.6 6.5 9.7  
138 20.4 18.4 27.6



#26  
2-Nitrophenol  
Concen: 46.96 ng  
RT: 7.739 min Scan# 961  
Delta R.T. 0.000 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04



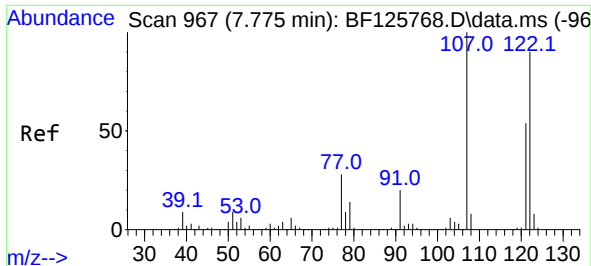
Tgt Ion: 139 Resp: 256803  
Ion Ratio Lower Upper  
139 100  
109 25.5 26.0 39.0#  
65 39.0 31.0 46.4



Instrument :  
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ClientSampleId :  
T10-COMP-(1-4)MSD

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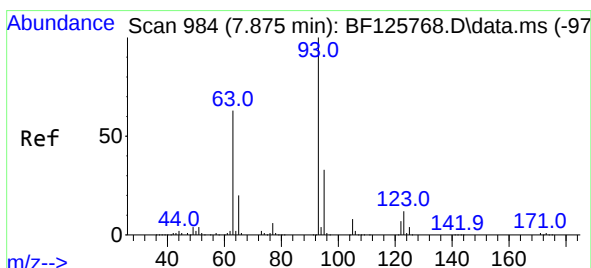
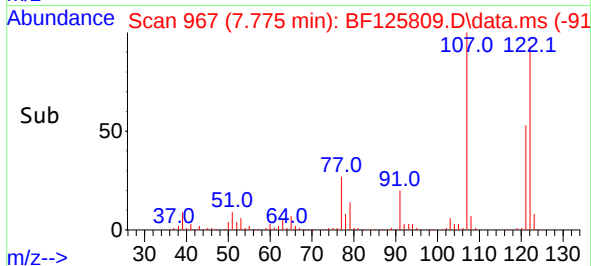
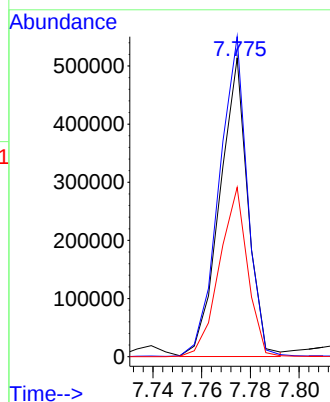
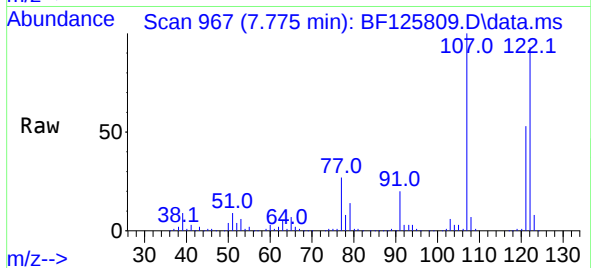
#27  
2,4-Dimethylphenol  
Concen: 45.25 ng  
RT: 7.775 min Scan# 967  
Delta R.T. -0.000 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04

Tgt Ion: 122 Resp: 412115  
Ion Ratio Lower Upper  
122 100  
107 107.1 85.0 127.6  
121 56.7 43.3 64.9

Instrument :  
BNA\_F  
ClientSampleId :  
T10-COMP-(1-4)MSD

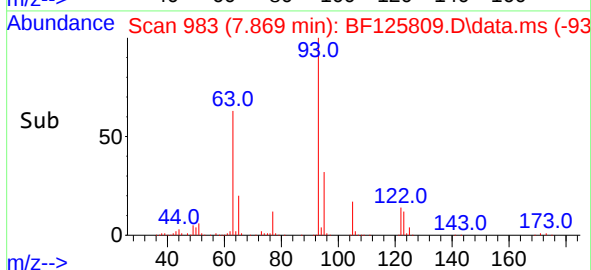
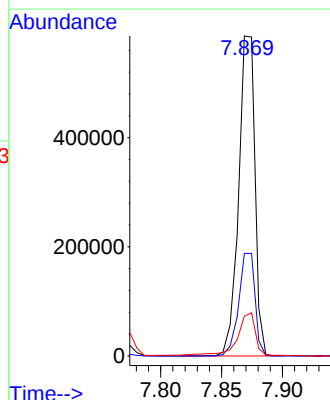
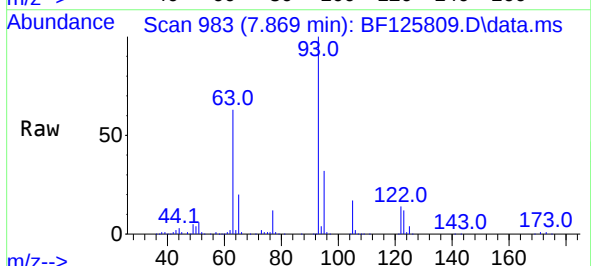
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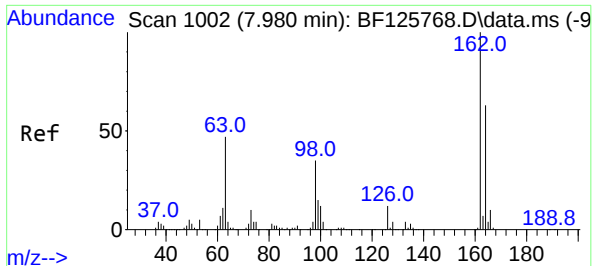
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#28  
bis(2-Chloroethoxy)methane  
Concen: 39.82 ng  
RT: 7.869 min Scan# 983  
Delta R.T. -0.006 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04

Tgt Ion: 93 Resp: 546499  
Ion Ratio Lower Upper  
93 100  
95 32.0 26.1 39.1  
123 12.4 11.7 17.5





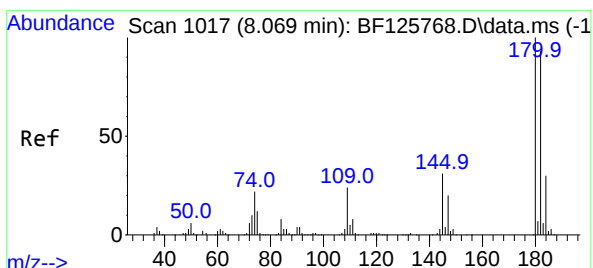
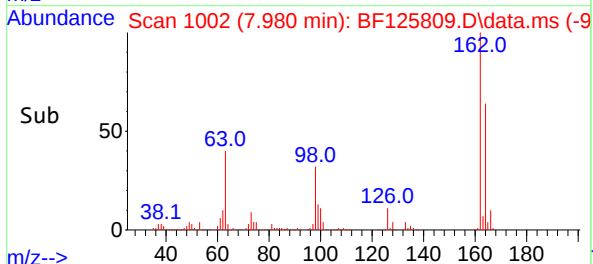
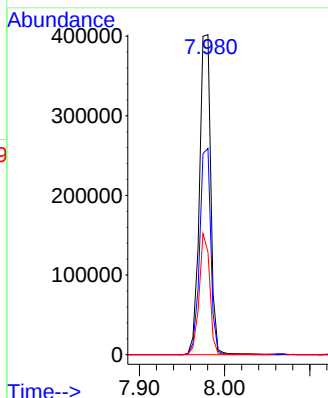
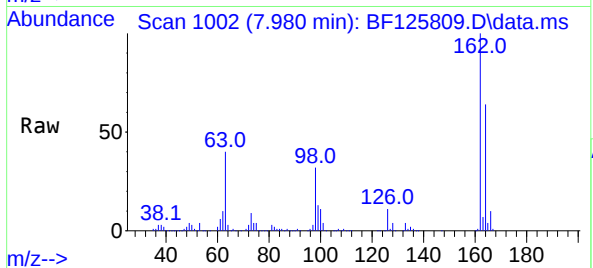
#29  
2,4-Dichlorophenol  
Concen: 37.83 ng  
RT: 7.980 min Scan# 1002  
Delta R.T. -0.000 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04

Tgt Ion:162 Resp: 371186  
Ion Ratio Lower Upper  
162 100  
164 64.5 44.5 84.5  
98 32.0 13.0 53.0

Instrument :  
BNA\_F  
ClientSampleId :  
T10-COMP-(1-4)MSD

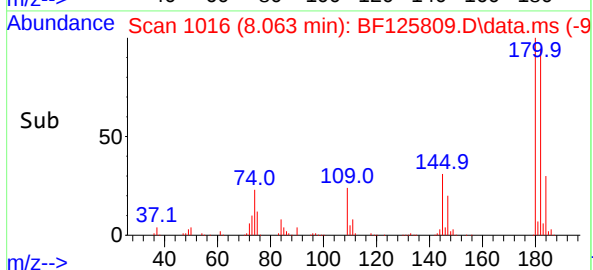
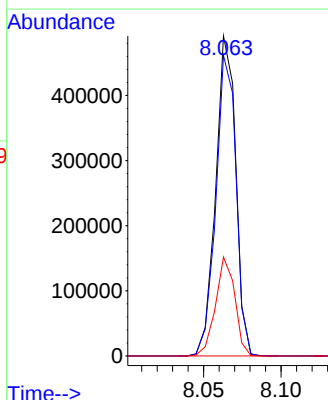
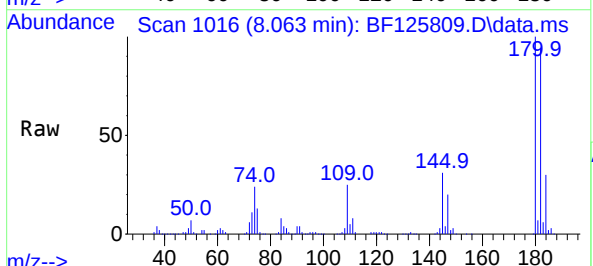
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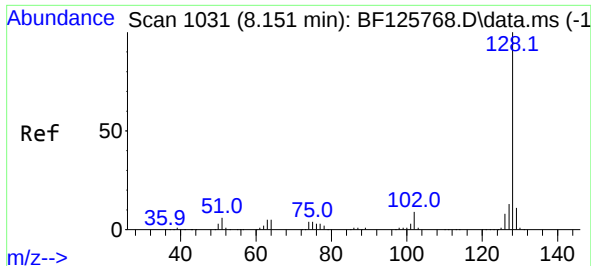
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#30  
1,2,4-Trichlorobenzene  
Concen: 41.07 ng  
RT: 8.063 min Scan# 1016  
Delta R.T. -0.006 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04

Tgt Ion:180 Resp: 441834  
Ion Ratio Lower Upper  
180 100  
182 93.9 76.8 115.2  
145 30.9 26.7 40.1





#31  
Naphthalene  
Concen: 42.66 ng  
RT: 8.145 min Scan# 1030  
Delta R.T. -0.006 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04

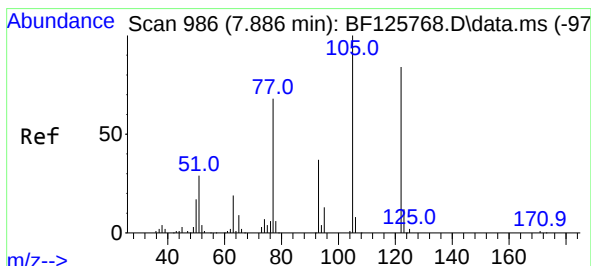
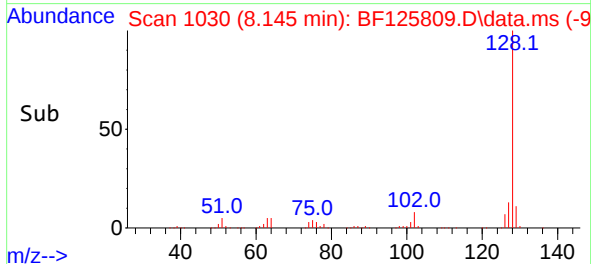
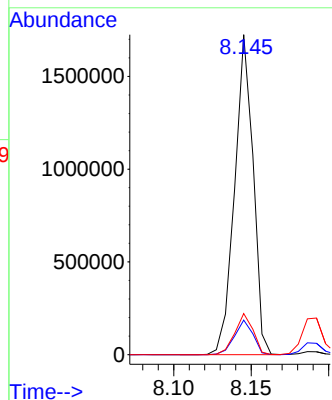
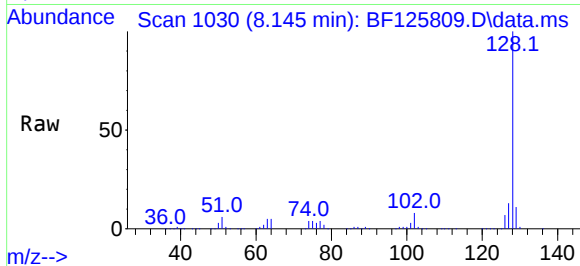
Tgt Ion:128 Resp: 1430681

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 129 | 10.8  | 9.4   | 14.0  |
| 127 | 12.9  | 10.9  | 16.3  |

Instrument :  
BNA\_F  
ClientSampleId :  
T10-COMP-(1-4)MSD

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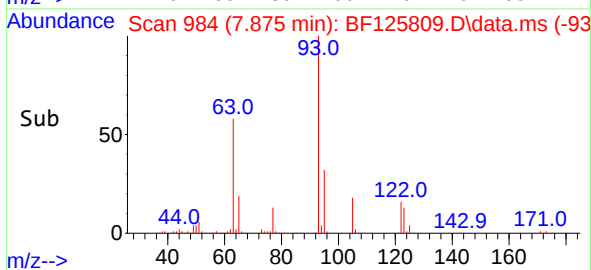
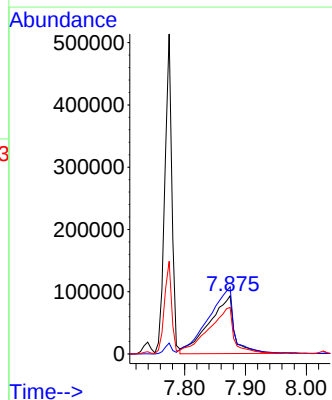
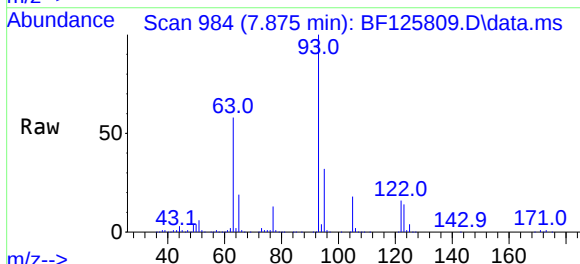
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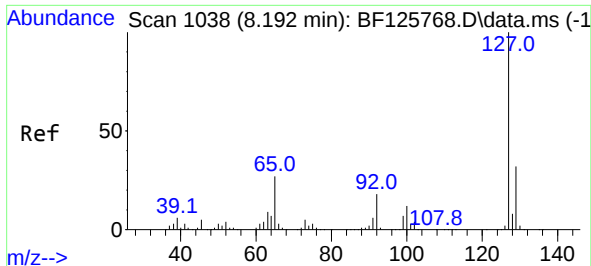


#32  
Benzoic acid  
Concen: 42.05 ng  
RT: 7.875 min Scan# 984  
Delta R.T. -0.012 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04

Tgt Ion:122 Resp: 269308

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 122 | 100   |       |       |
| 105 | 115.6 | 97.6  | 137.6 |
| 77  | 80.0  | 59.6  | 99.6  |





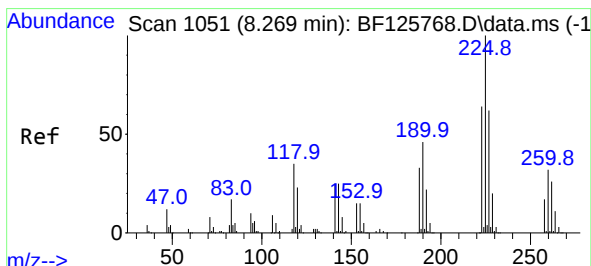
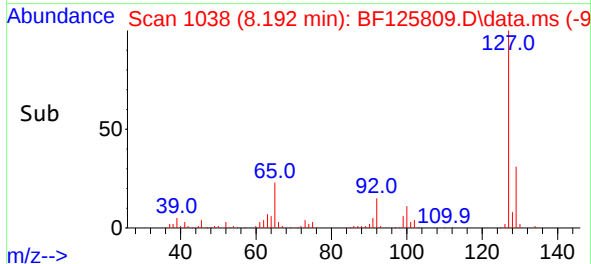
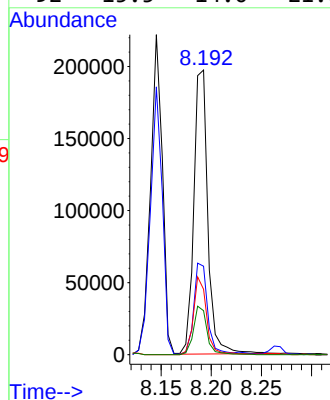
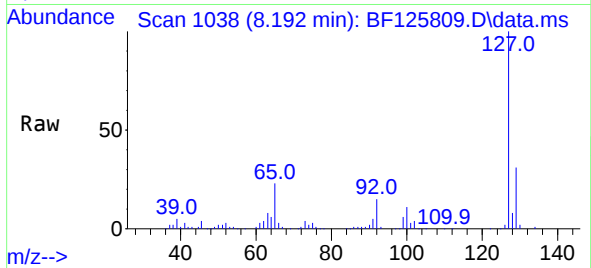
#33  
4-Chloroaniline  
Concen: 13.74 ng  
RT: 8.192 min Scan# 1038  
Delta R.T. -0.000 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 192861 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 31.1  | 25.7  | 38.5   |
| 65       | 23.0  | 21.2  | 31.8   |
| 92       | 15.5  | 14.0  | 21.0   |

Instrument :  
BNA\_F  
ClientSampleId :  
T10-COMP-(1-4)MSD

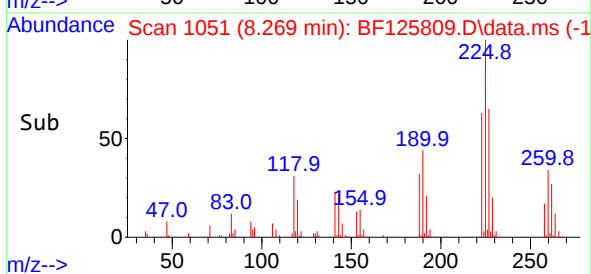
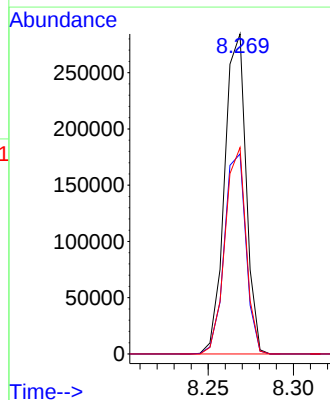
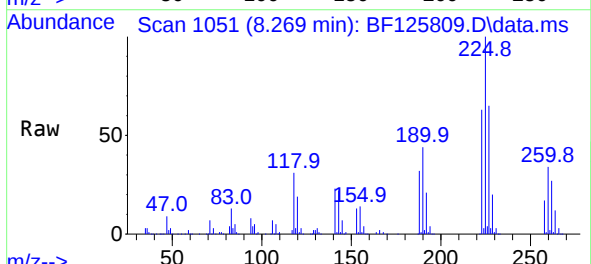
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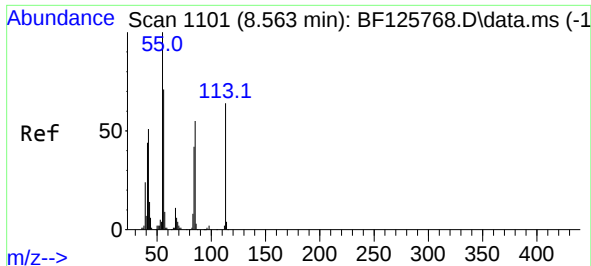
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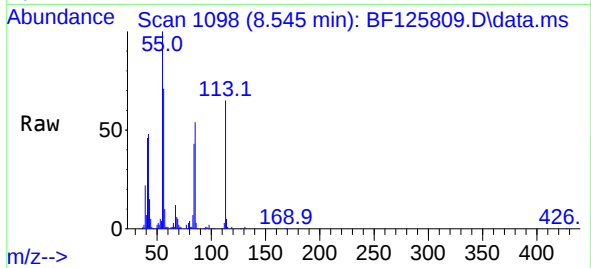
#34  
Hexachlorobutadiene  
Concen: 41.46 ng  
RT: 8.269 min Scan# 1051  
Delta R.T. -0.000 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 249159 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.5  | 50.6  | 76.0   |
| 227      | 64.5  | 50.6  | 75.8   |

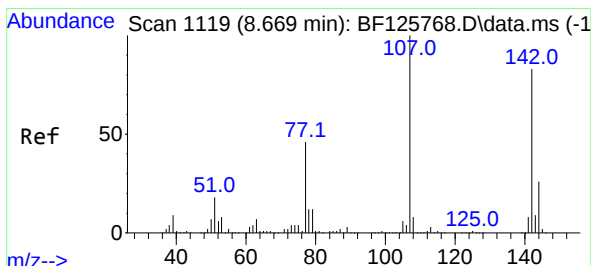
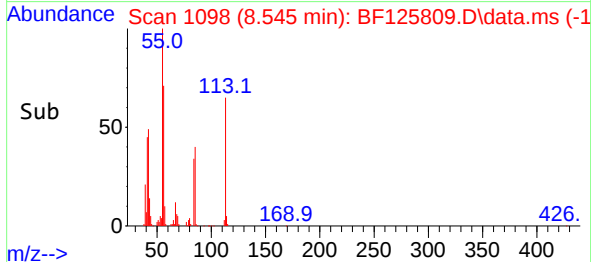
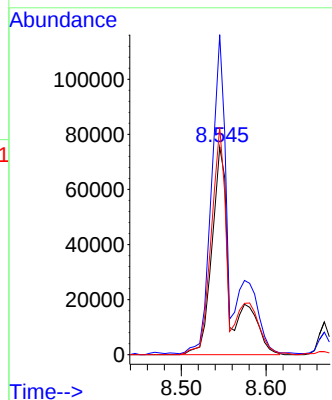




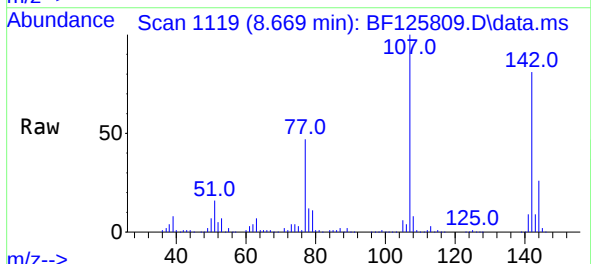
#35  
Caprolactam  
Concen: 42.17 ng m  
RT: 8.545 min Scan# 1098  
Delta R.T. -0.018 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04



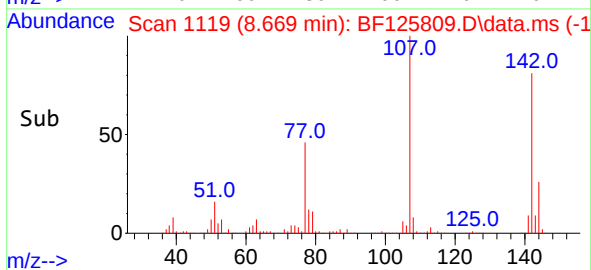
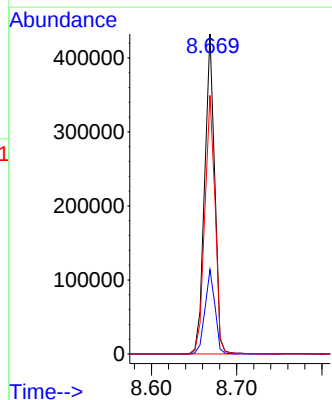
Tgt Ion:113 Resp: 119534  
Ion Ratio Lower Upper  
113 100  
55 154.1 154.1 194.1#  
56 109.6 108.7 148.7



#36  
4-Chloro-3-methylphenol  
Concen: 36.93 ng  
RT: 8.669 min Scan# 1119  
Delta R.T. -0.000 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04



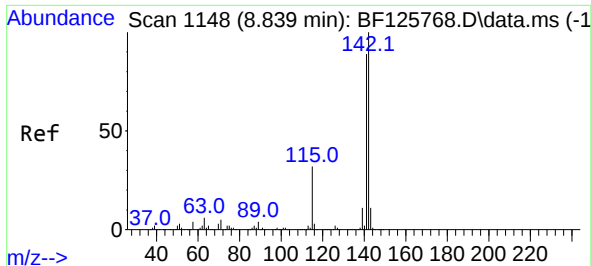
Tgt Ion:107 Resp: 353998  
Ion Ratio Lower Upper  
107 100  
144 26.4 21.9 32.9  
142 80.8 67.1 100.7



Instrument :  
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ClientSampleId :  
T10-COMP-(1-4)MSD

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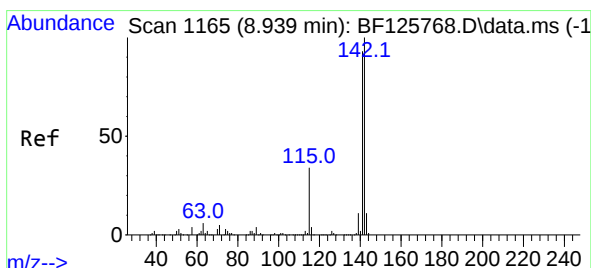
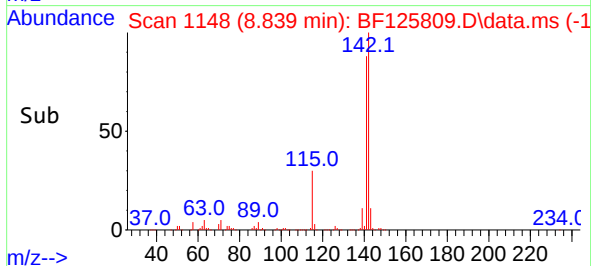
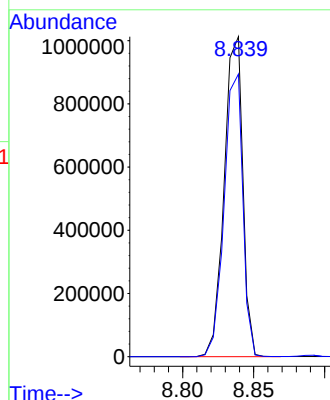
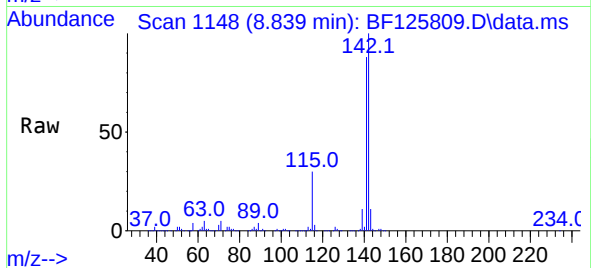
#37  
2-Methylnaphthalene  
Concen: 42.49 ng  
RT: 8.839 min Scan# 1148  
Delta R.T. -0.000 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04

Tgt Ion:142 Resp: 922856  
Ion Ratio Lower Upper  
142 100  
141 88.3 71.2 106.8

Instrument :  
BNA\_F  
ClientSampleId :  
T10-COMP-(1-4)MSD

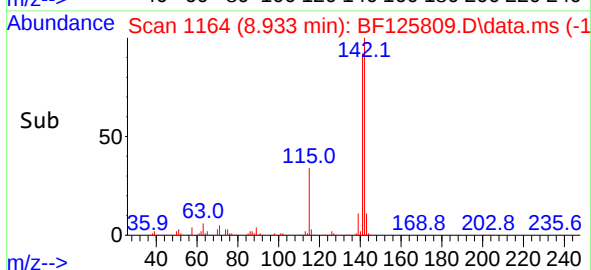
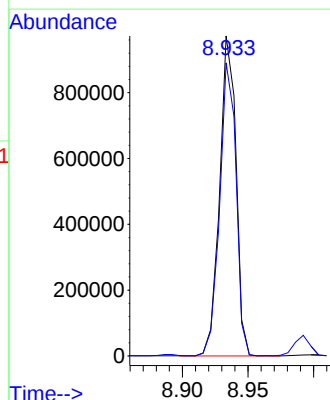
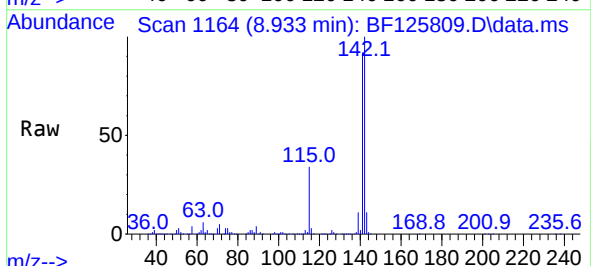
Manual Integrations  
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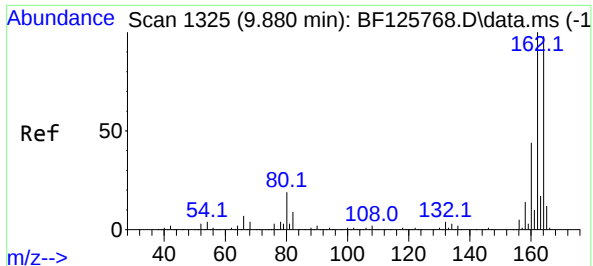
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#38  
1-Methylnaphthalene  
Concen: 39.93 ng  
RT: 8.933 min Scan# 1164  
Delta R.T. -0.006 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04

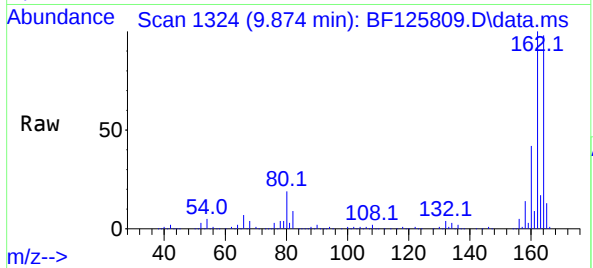
Tgt Ion:142 Resp: 841594  
Ion Ratio Lower Upper  
142 100  
141 91.6 76.0 114.0





#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.874 min Scan# 1324  
Delta R.T. -0.006 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04

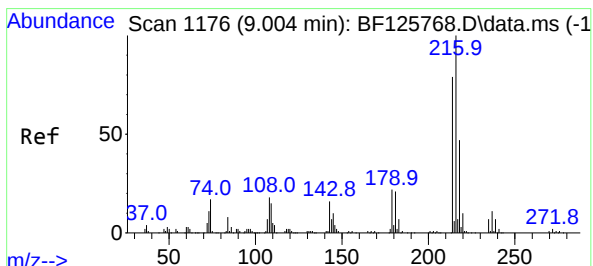
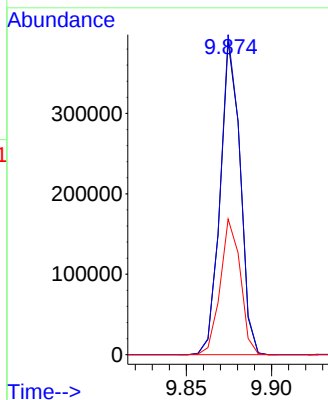
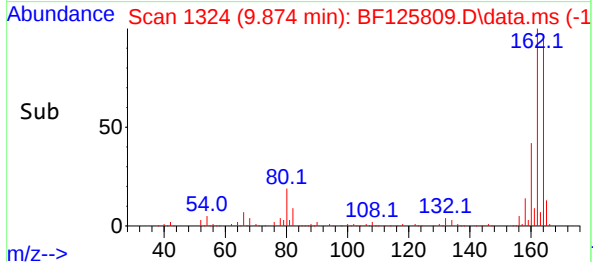
Instrument :  
BNA\_F  
ClientSampleId :  
T10-COMP-(1-4)MSD



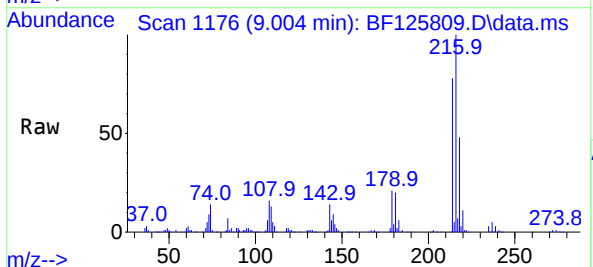
Tgt Ion:164 Resp: 316969  
Ion Ratio Lower Upper  
164 100  
162 102.1 81.3 121.9  
160 43.3 38.0 57.0

Manual Integrations  
APPROVED

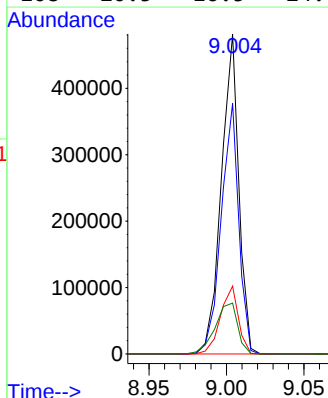
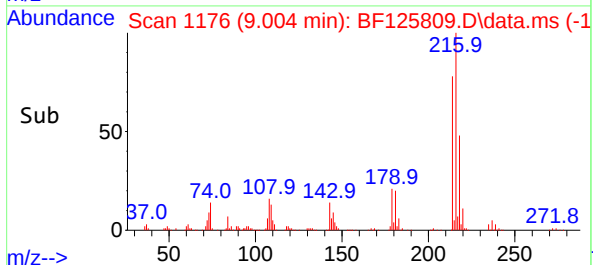
mohammad  
10/14/2021 10:53:25 AM

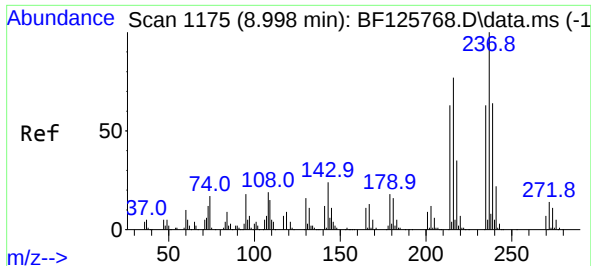


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 44.38 ng  
RT: 9.004 min Scan# 1176  
Delta R.T. -0.000 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04



Tgt Ion:216 Resp: 377552  
Ion Ratio Lower Upper  
216 100  
214 78.6 64.9 97.3  
179 21.8 17.4 26.2  
108 20.5 16.5 24.7





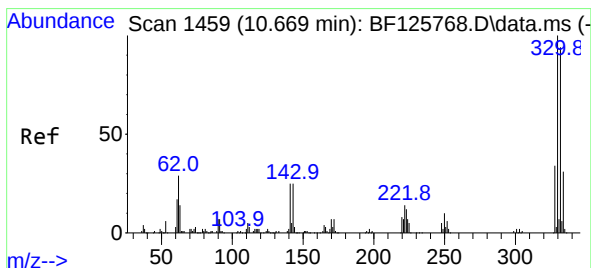
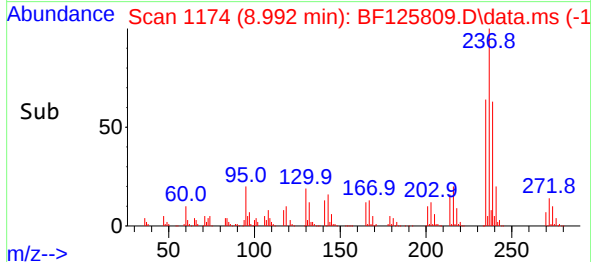
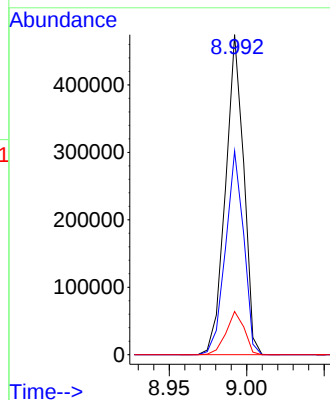
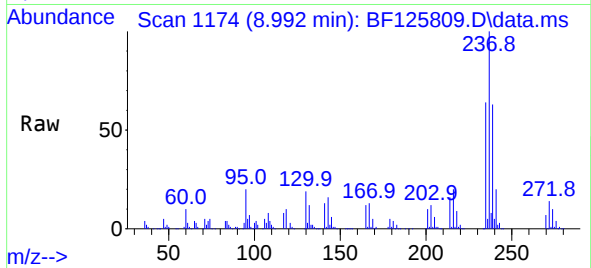
#41  
Hexachlorocyclopentadiene  
Concen: 92.72 ng  
RT: 8.992 min Scan# 1174  
Delta R.T. -0.006 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04

Tgt Ion:237 Resp: 387110  
Ion Ratio Lower Upper  
237 100  
235 63.7 44.7 84.7  
272 13.5 0.0 31.6

Instrument :  
BNA\_F  
ClientSampleId :  
T10-COMP-(1-4)MSD

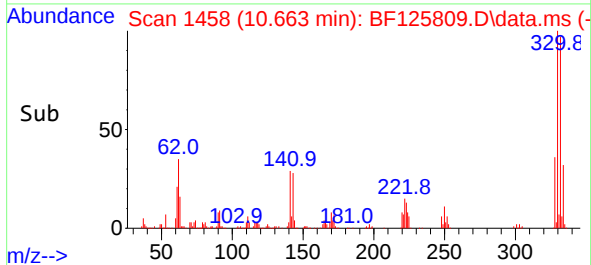
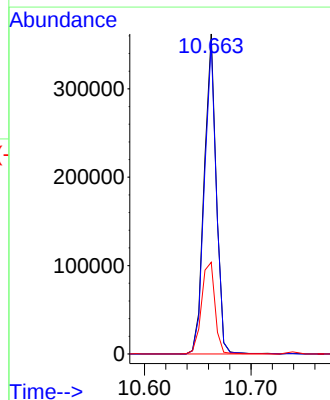
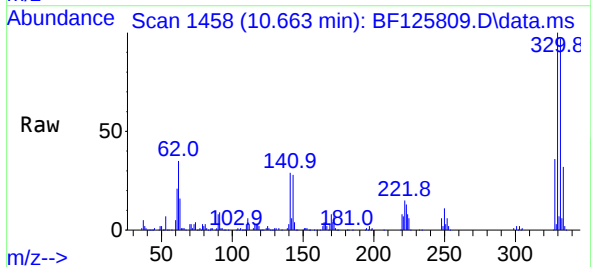
Manual Integrations  
APPROVED

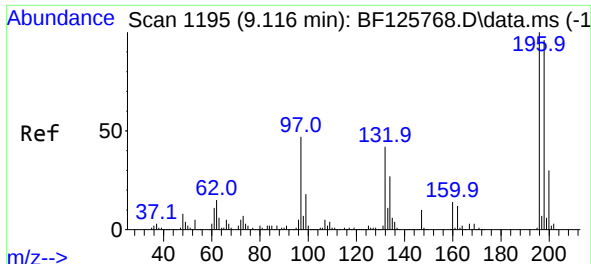
mohammad  
10/14/2021 10:53:25 AM



#42  
2,4,6-Tribromophenol  
Concen: 90.88 ng  
RT: 10.663 min Scan# 1458  
Delta R.T. -0.006 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04

Tgt Ion:330 Resp: 284415  
Ion Ratio Lower Upper  
330 100  
332 96.6 76.2 114.4  
141 32.4 44.6 66.8#





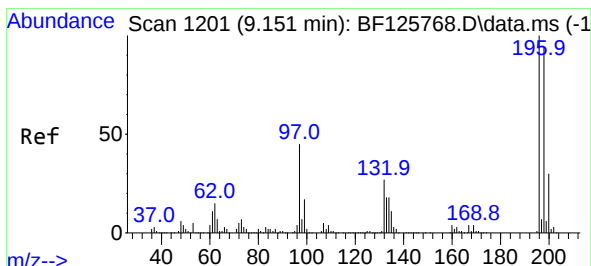
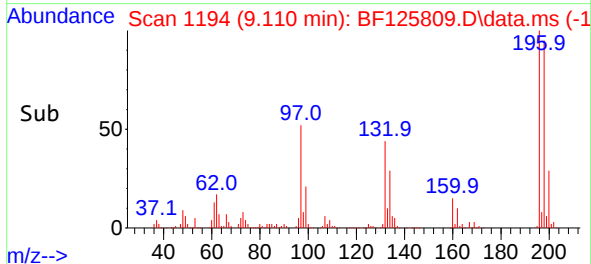
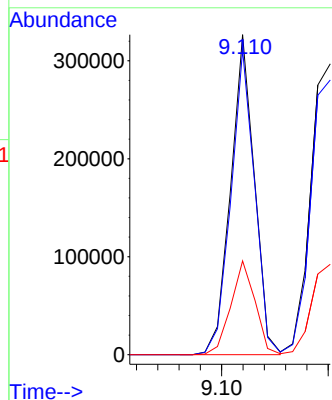
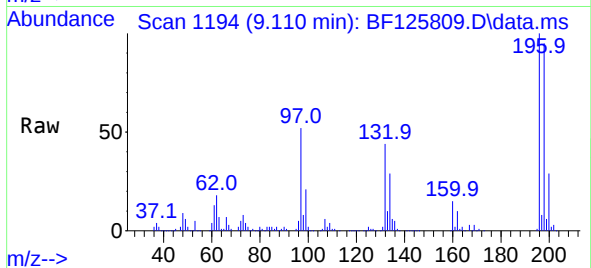
#43  
2,4,6-Trichlorophenol  
Concen: 41.02 ng  
RT: 9.110 min Scan# 1194  
Delta R.T. -0.006 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04

Tgt Ion:196 Resp: 252890  
Ion Ratio Lower Upper  
196 100  
198 95.3 74.9 112.3  
200 29.3 27.0 40.4

Instrument :  
BNA\_F  
ClientSampleId :  
T10-COMP-(1-4)MSD

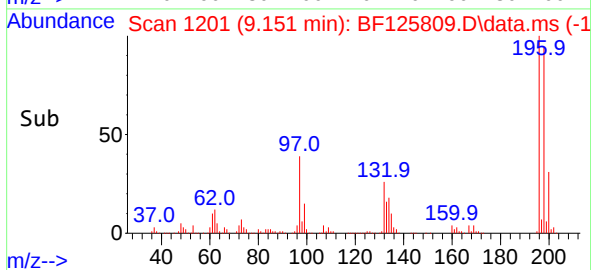
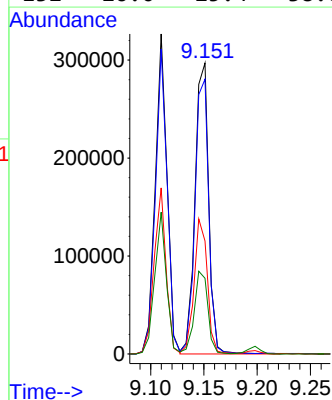
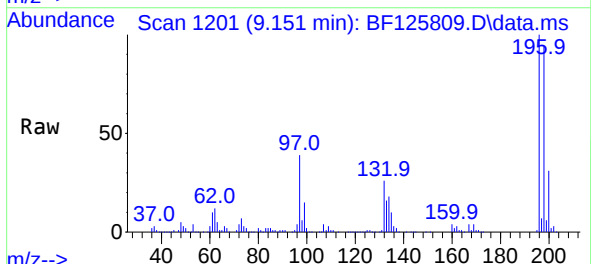
Manual Integrations  
APPROVED

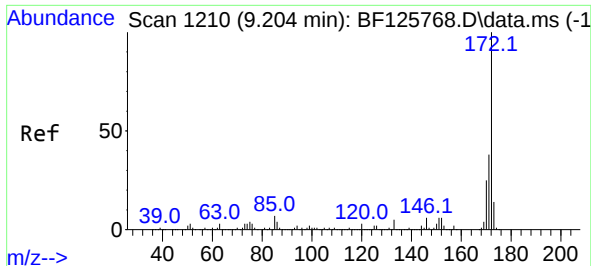
mohammad  
10/14/2021 10:53:25 AM



#44  
2,4,5-Trichlorophenol  
Concen: 40.73 ng  
RT: 9.151 min Scan# 1201  
Delta R.T. -0.000 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04

Tgt Ion:196 Resp: 267007  
Ion Ratio Lower Upper  
196 100  
198 94.5 80.2 120.2  
97 38.8 44.0 66.0#  
132 26.0 25.4 38.0





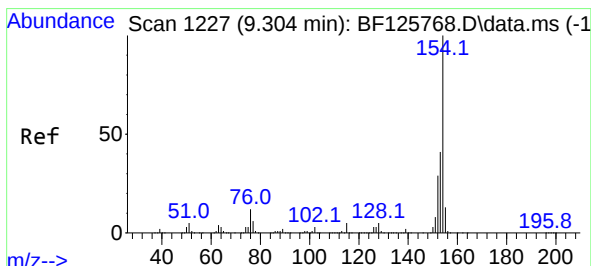
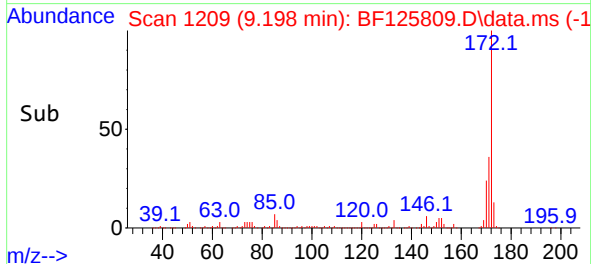
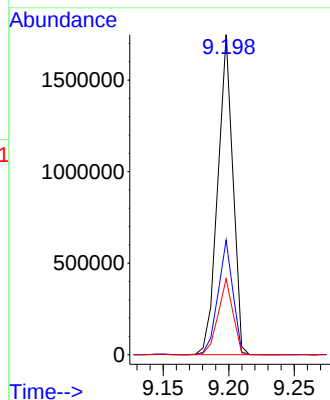
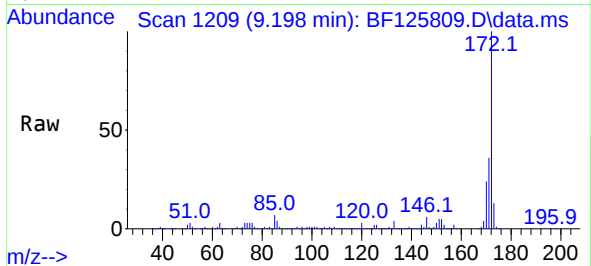
#45  
2-Fluorobiphenyl  
Concen: 76.18 ng  
RT: 9.198 min Scan# 1209  
Delta R.T. -0.006 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04

Tgt Ion:172 Resp: 1400004  
Ion Ratio Lower Upper  
172 100  
171 35.9 26.5 39.7  
170 23.7 18.8 28.2

Instrument :  
BNA\_F  
ClientSampleId :  
T10-COMP-(1-4)MSD

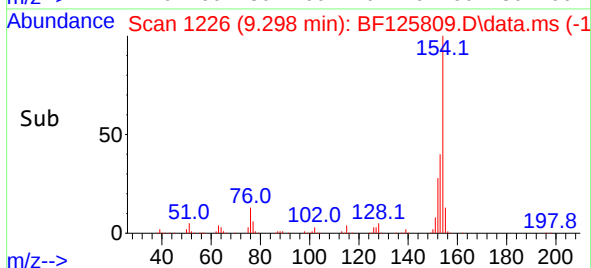
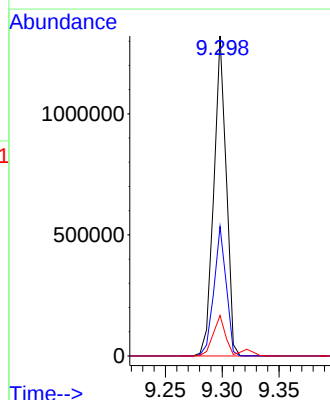
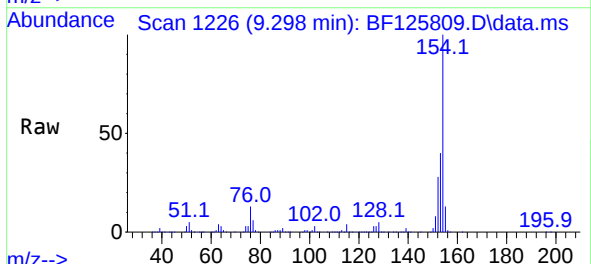
Manual Integrations  
APPROVED

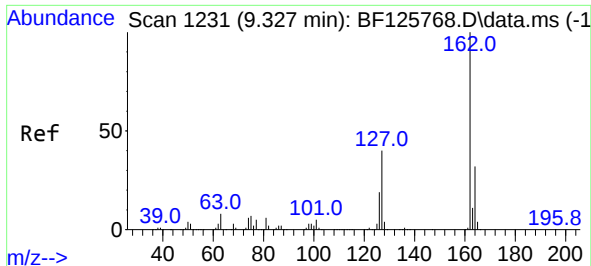
mohammad  
10/14/2021 10:53:25 AM



#46  
1,1'-Biphenyl  
Concen: 43.00 ng  
RT: 9.298 min Scan# 1226  
Delta R.T. -0.006 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04

Tgt Ion:154 Resp: 1002011  
Ion Ratio Lower Upper  
154 100  
153 40.5 20.0 60.0  
76 12.7 0.0 30.3





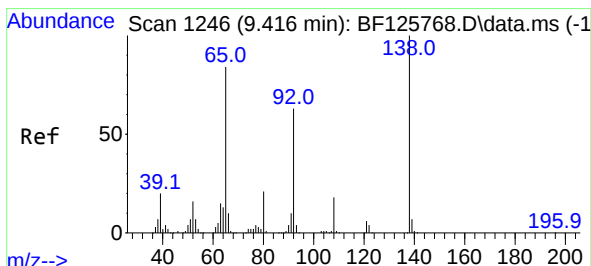
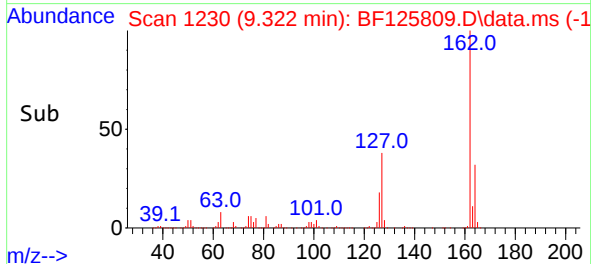
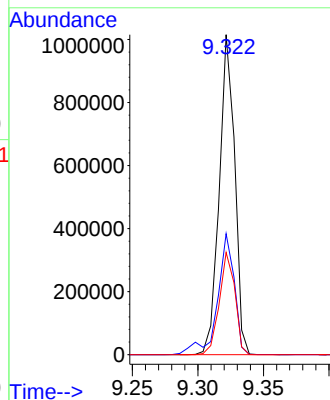
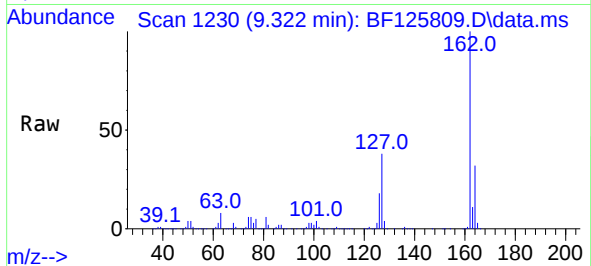
#47  
2-Chloronaphthalene  
Concen: 43.84 ng  
RT: 9.322 min Scan# 1230  
Delta R.T. -0.006 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04

Tgt Ion:162 Resp: 829593  
Ion Ratio Lower Upper  
162 100  
127 37.8 33.0 49.4  
164 31.9 25.8 38.8

Instrument :  
BNA\_F  
ClientSampleId :  
T10-COMP-(1-4)MSD

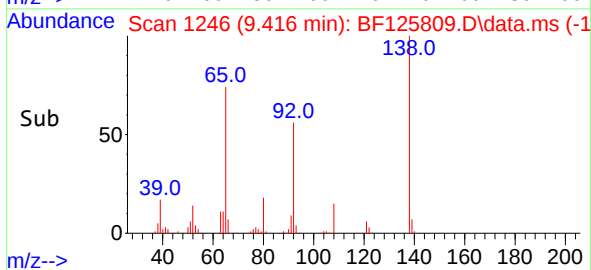
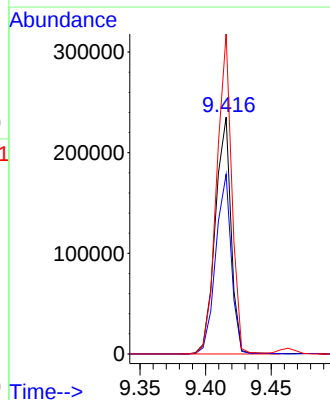
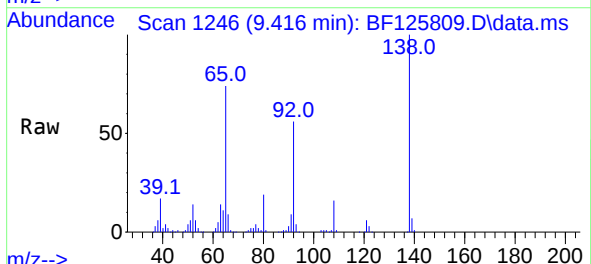
Manual Integrations  
APPROVED

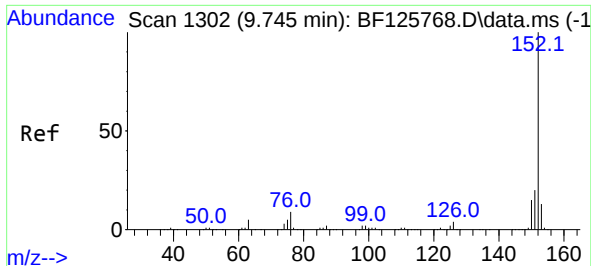
mohammad  
10/14/2021 10:53:25 AM



#48  
2-Nitroaniline  
Concen: 43.42 ng  
RT: 9.416 min Scan# 1246  
Delta R.T. -0.000 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04

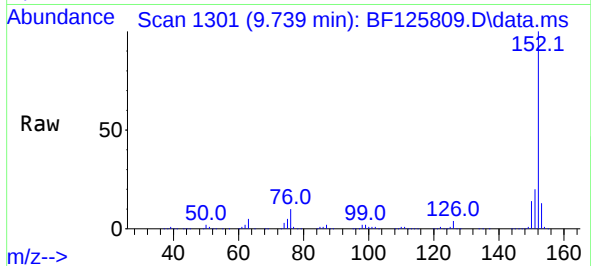
Tgt Ion: 65 Resp: 197244  
Ion Ratio Lower Upper  
65 100  
92 75.9 55.5 83.3  
138 135.1 93.5 140.3





#49  
Acenaphthylene  
Concen: 43.51 ng  
RT: 9.739 min Scan# 1301  
Delta R.T. -0.006 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04

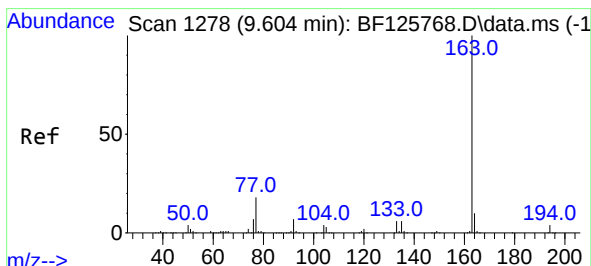
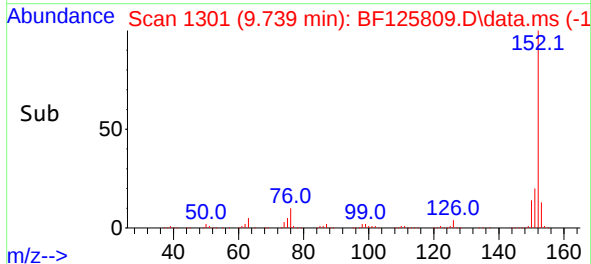
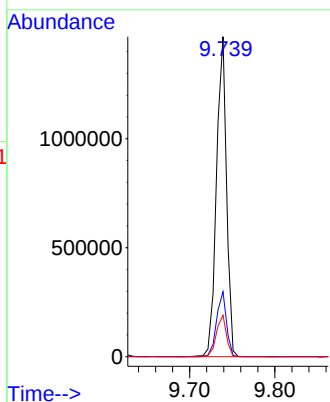
Instrument :  
BNA\_F  
ClientSampleId :  
T10-COMP-(1-4)MSD



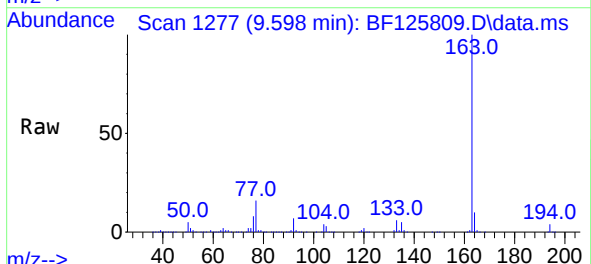
Tgt Ion:152 Resp: 1205612  
Ion Ratio Lower Upper  
152 100  
151 20.3 15.7 23.5  
153 13.0 9.8 14.8

Manual Integrations  
APPROVED

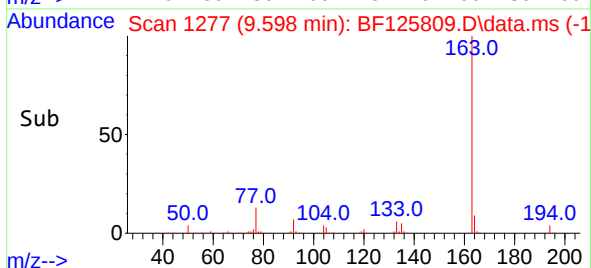
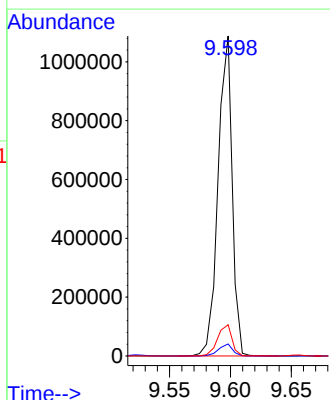
mohammad  
10/14/2021 10:53:25 AM

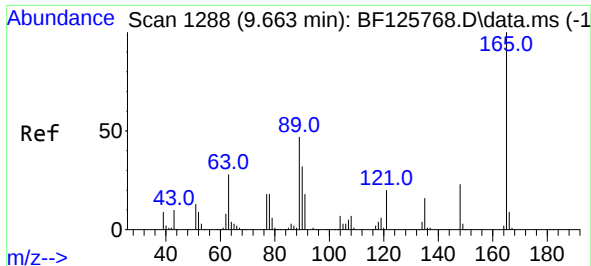


#50  
Dimethylphthalate  
Concen: 42.02 ng  
RT: 9.598 min Scan# 1277  
Delta R.T. -0.006 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04



Tgt Ion:163 Resp: 876708  
Ion Ratio Lower Upper  
163 100  
194 3.7 2.6 3.8  
164 9.7 7.4 11.0





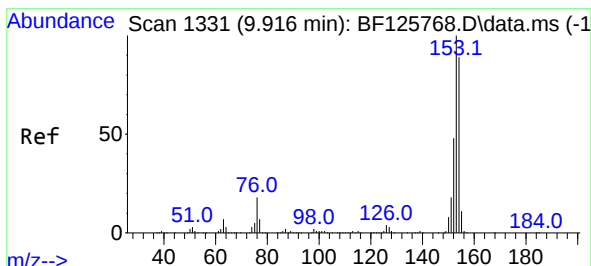
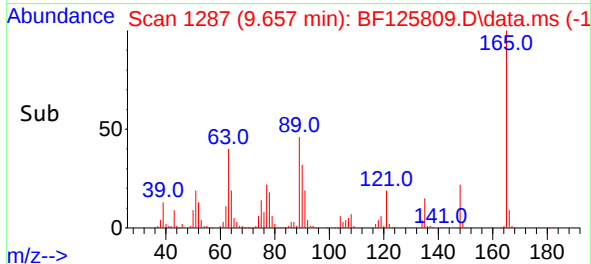
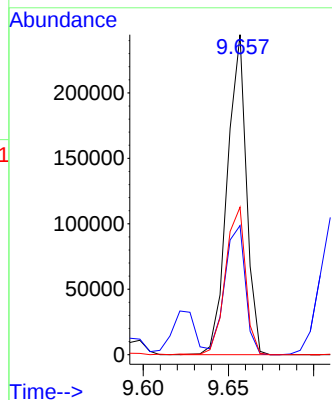
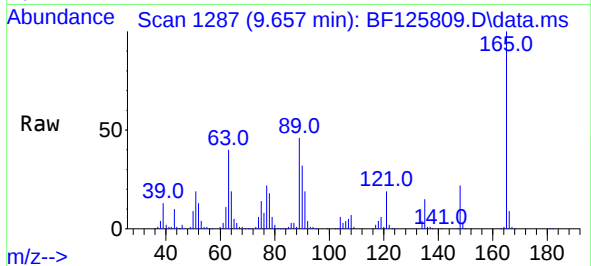
#51  
2,6-Dinitrotoluene  
Concen: 45.24 ng  
RT: 9.657 min Scan# 1287  
Delta R.T. -0.006 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04

Tgt Ion:165 Resp: 190804  
Ion Ratio Lower Upper  
165 100  
63 40.4 42.6 63.8#  
89 46.1 40.6 60.8

Instrument :  
BNA\_F  
ClientSampleId :  
T10-COMP-(1-4)MSD

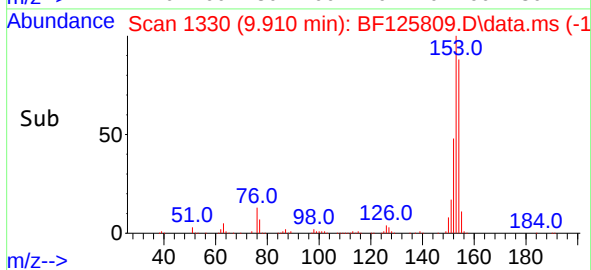
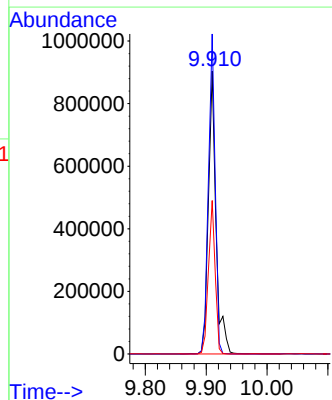
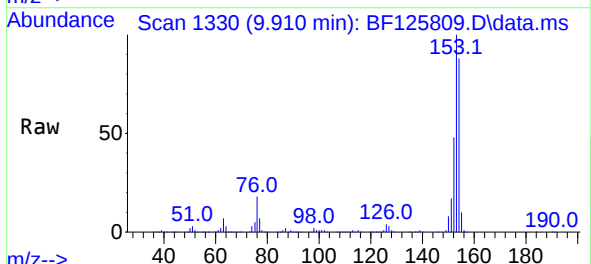
Manual Integrations  
APPROVED

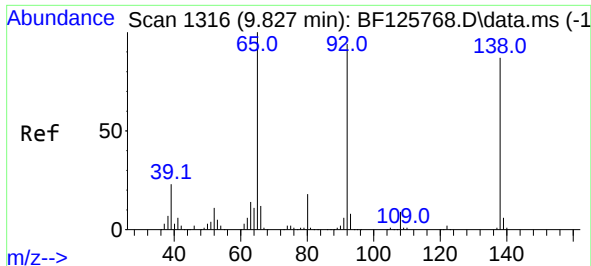
mohammad  
10/14/2021 10:53:25 AM



#52  
Acenaphthene  
Concen: 45.69 ng  
RT: 9.910 min Scan# 1330  
Delta R.T. -0.006 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04

Tgt Ion:154 Resp: 790987  
Ion Ratio Lower Upper  
154 100  
153 113.1 89.4 134.2  
152 54.2 40.5 60.7





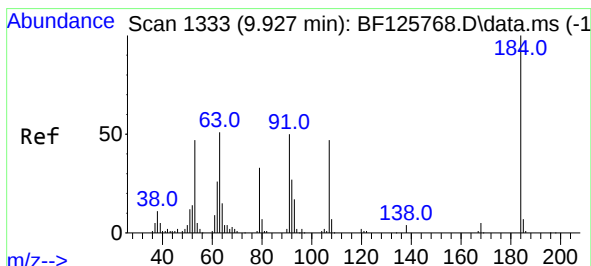
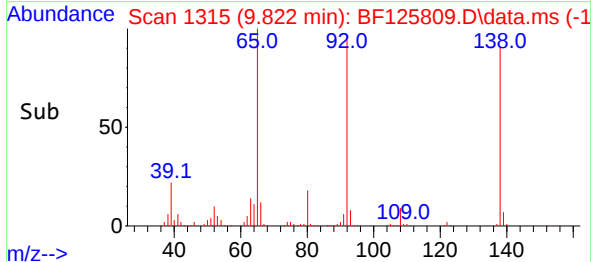
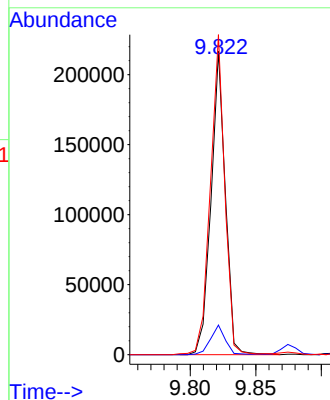
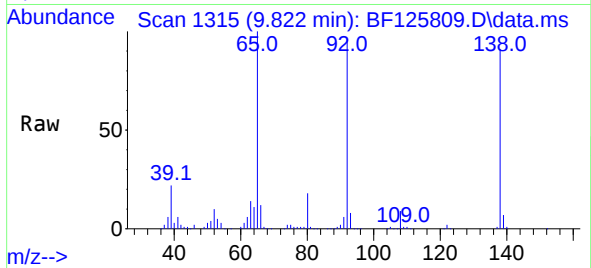
#53  
3-Nitroaniline  
Concen: 32.98 ng  
RT: 9.822 min Scan# 1315  
Delta R.T. -0.006 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04

Tgt Ion:138 Resp: 164491  
Ion Ratio Lower Upper  
138 100  
108 9.8 9.3 13.9  
92 105.4 76.5 114.7

Instrument :  
BNA\_F  
ClientSampleId :  
T10-COMP-(1-4)MSD

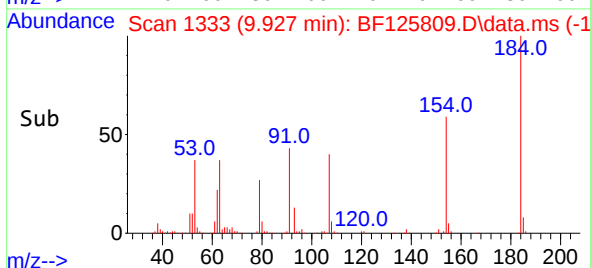
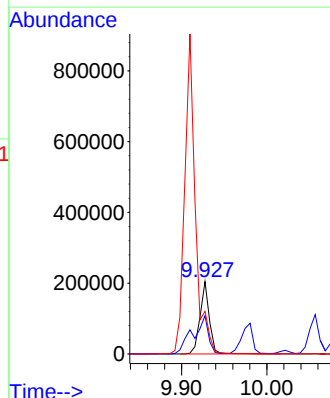
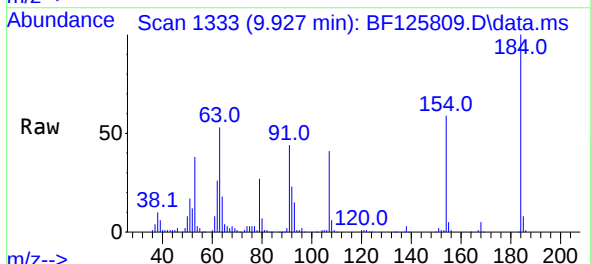
Manual Integrations  
APPROVED

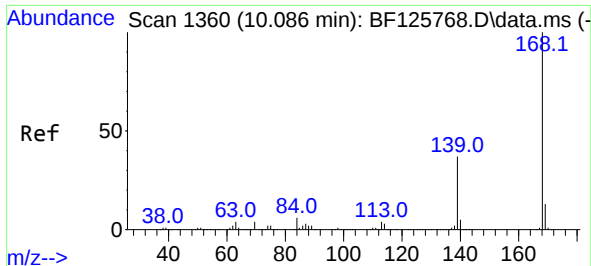
mohammad  
10/14/2021 10:53:25 AM



#54  
2,4-Dinitrophenol  
Concen: 87.30 ng  
RT: 9.927 min Scan# 1333  
Delta R.T. -0.000 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04

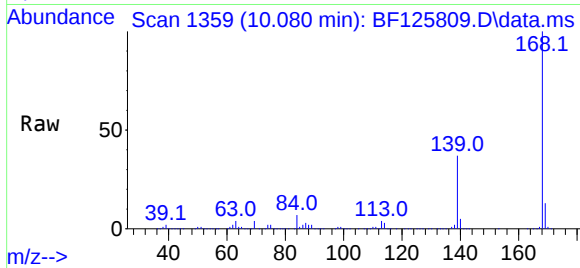
Tgt Ion:184 Resp: 156290  
Ion Ratio Lower Upper  
184 100  
63 52.7 59.3 88.9#  
154 58.8 68.6 102.8#





#55  
Dibenzenofuran  
Concen: 41.21 ng  
RT: 10.080 min Scan# 1359  
Delta R.T. -0.006 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04

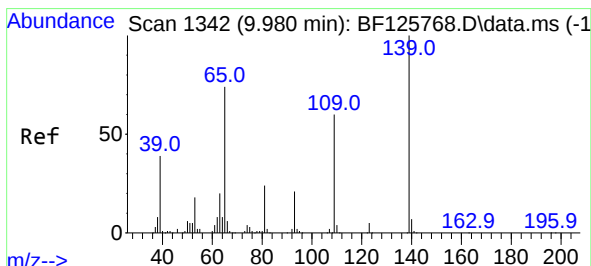
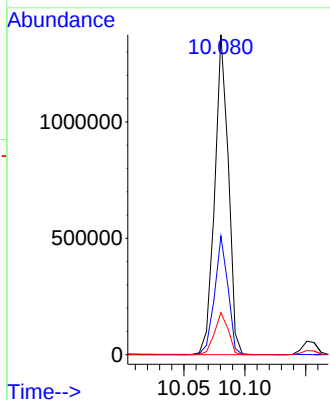
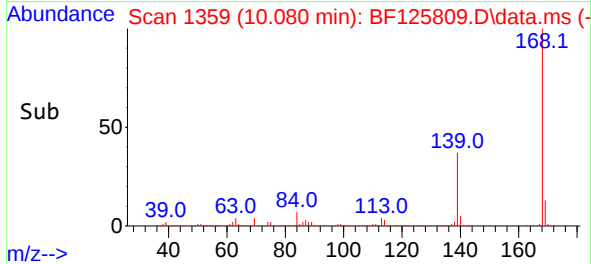
Instrument :  
BNA\_F  
ClientSampleId :  
T10-COMP-(1-4)MSD



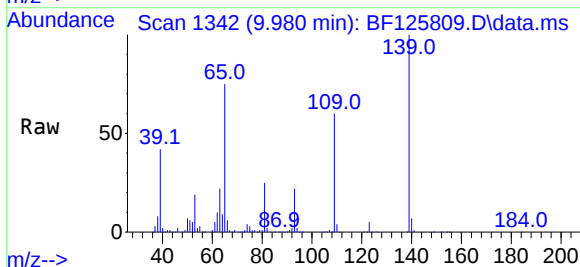
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Ion Ratio Lower Upper  
168 100  
139 37.1 32.7 49.1  
169 13.2 11.2 16.8

Manual Integrations  
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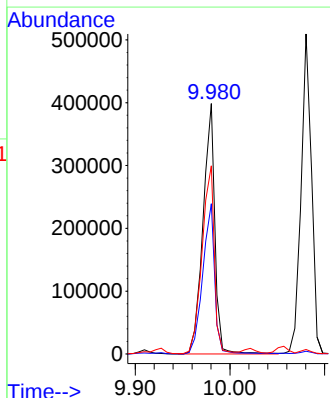
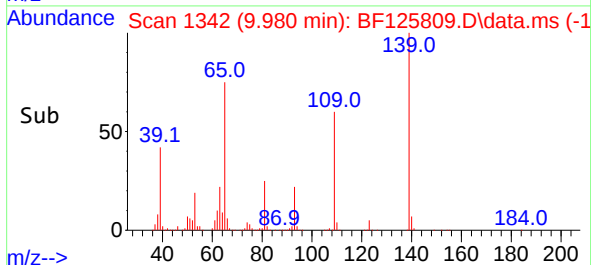
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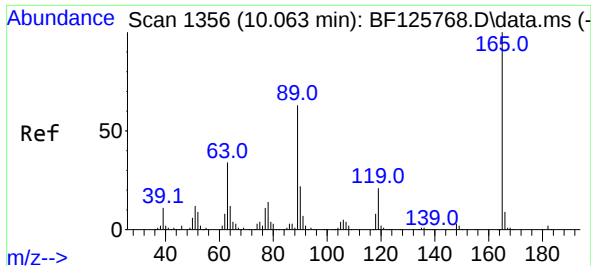


#56  
4-Nitrophenol  
Concen: 93.80 ng  
RT: 9.980 min Scan# 1342  
Delta R.T. -0.000 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04

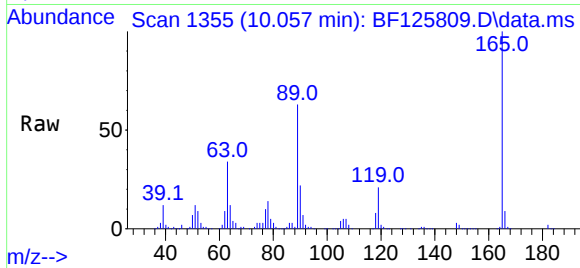


Tgt Ion:139 Resp: 348706  
Ion Ratio Lower Upper  
139 100  
109 60.0 60.4 100.4#  
65 75.1 58.4 98.4

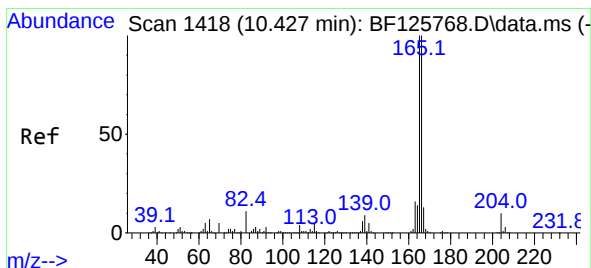
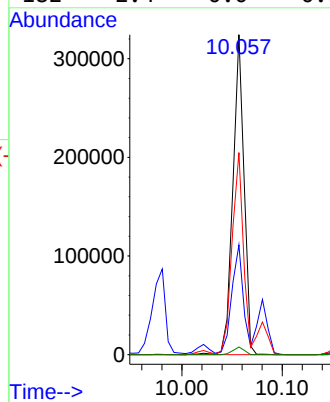
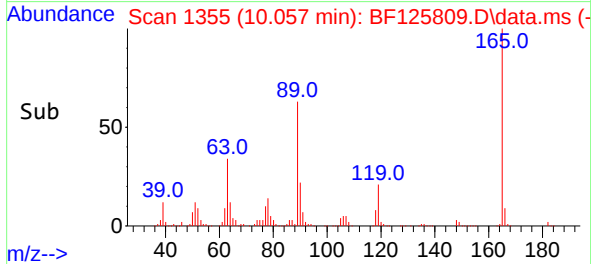




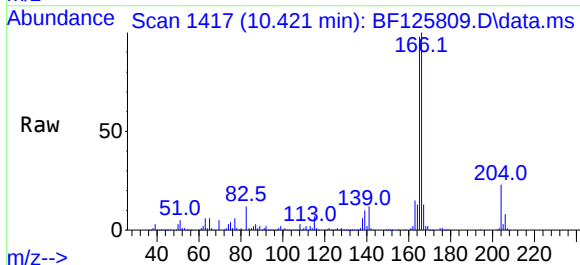
#57  
2,4-Dinitrotoluene  
Concen: 46.91 ng  
RT: 10.057 min Scan# 1355  
Delta R.T. -0.006 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04



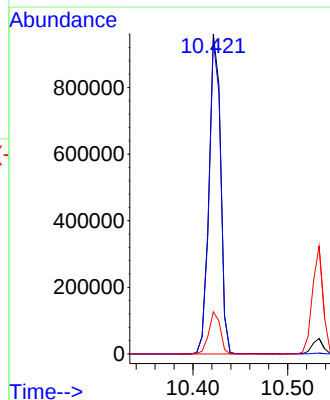
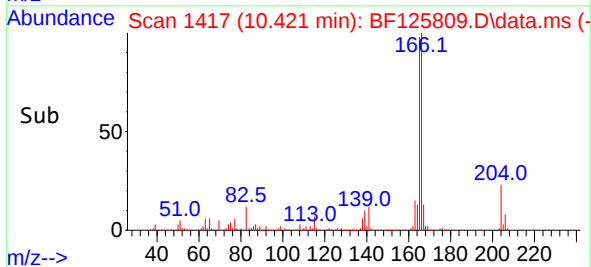
Tgt Ion:165 Resp: 250150  
Ion Ratio Lower Upper  
165 100  
63 34.3 40.9 61.3#  
89 63.2 59.7 89.5  
182 2.4 0.0 0.0#



#58  
Fluorene  
Concen: 43.00 ng  
RT: 10.421 min Scan# 1417  
Delta R.T. -0.006 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04



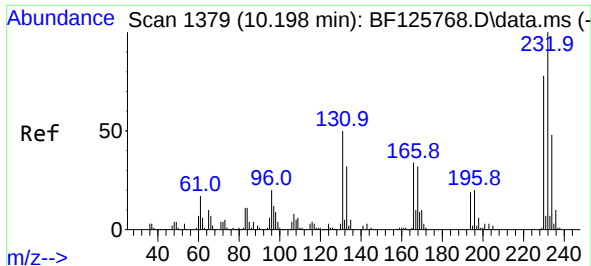
Tgt Ion:166 Resp: 816772  
Ion Ratio Lower Upper  
166 100  
165 97.8 78.1 117.1  
167 13.1 11.1 16.7



Instrument :  
BNA\_F  
ClientSampleId :  
T10-COMP-(1-4)MSD

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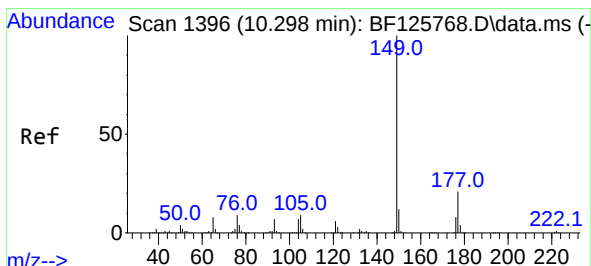
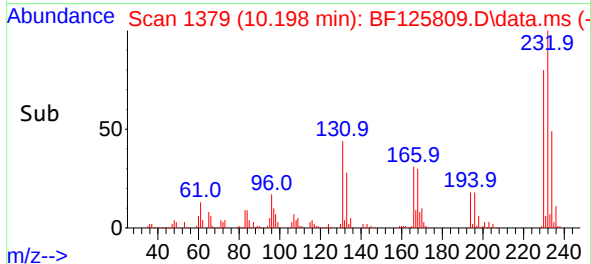
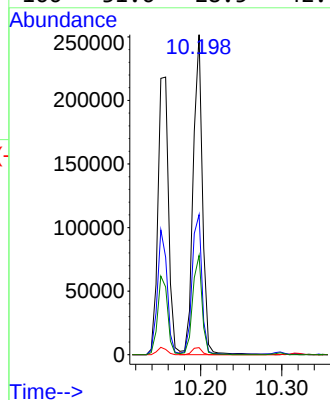
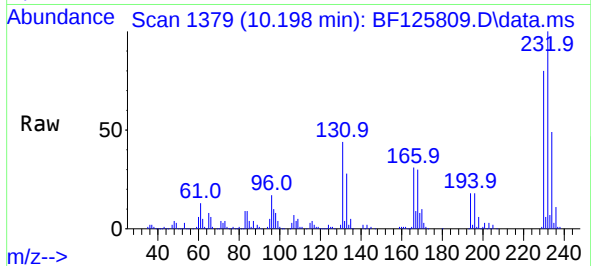
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 40.50 ng  
RT: 10.198 min Scan# 1379  
Delta R.T. -0.000 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04

Tgt Ion:232 Resp: 200413  
Ion Ratio Lower Upper  
232 100  
131 45.8 45.4 68.0  
130 2.3 0.0 0.0#  
166 31.6 28.5 42.7

Instrument :  
BNA\_F  
ClientSampleId :  
T10-COMP-(1-4)MSD

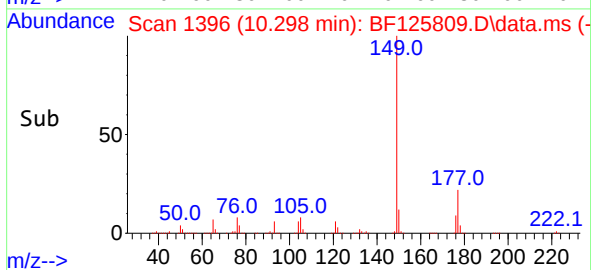
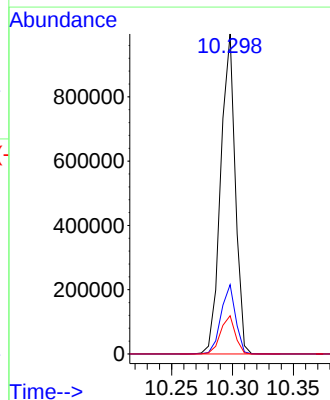
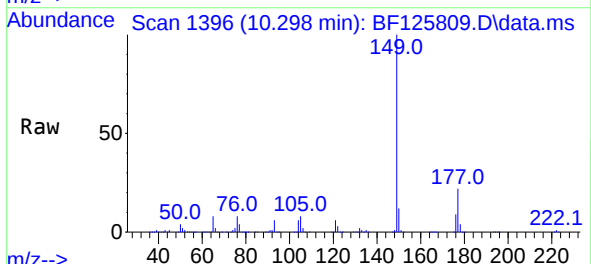
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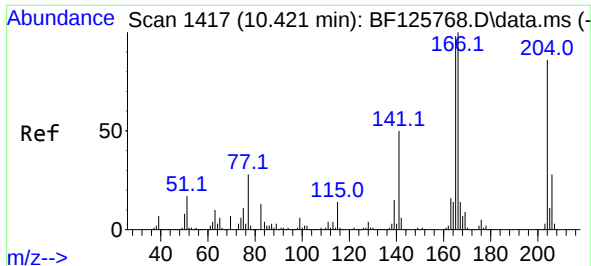
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#60  
Diethylphthalate  
Concen: 41.78 ng  
RT: 10.298 min Scan# 1396  
Delta R.T. -0.000 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04

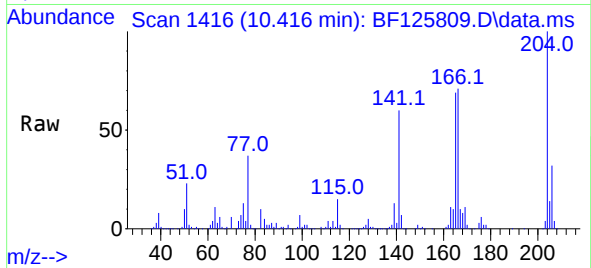
Tgt Ion:149 Resp: 831771  
Ion Ratio Lower Upper  
149 100  
177 21.6 16.5 24.7  
150 11.9 10.1 15.1





#61  
4-Chlorophenyl-phenylether  
Concen: 40.58 ng  
RT: 10.416 min Scan# 1416  
Delta R.T. -0.006 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04

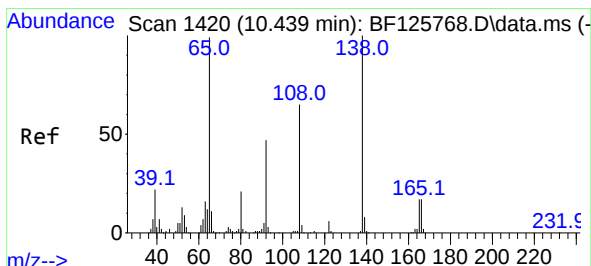
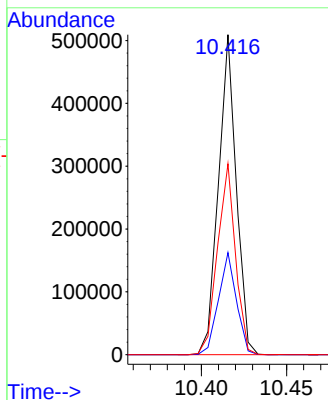
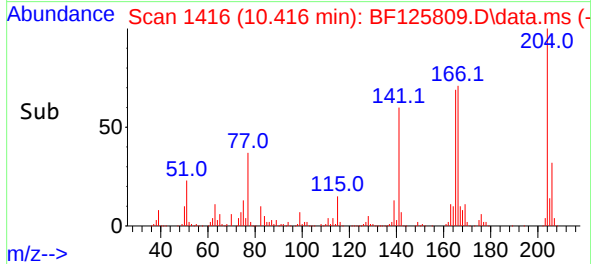
Instrument :  
BNA\_F  
ClientSampleId :  
T10-COMP-(1-4)MSD



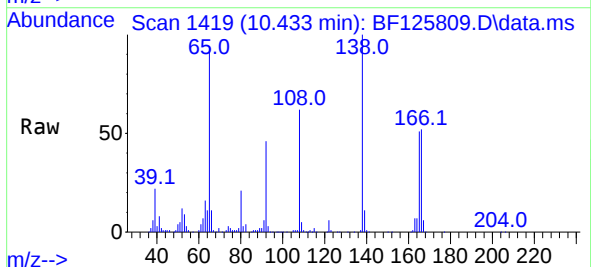
Tgt Ion:204 Resp: 371305  
Ion Ratio Lower Upper  
204 100  
206 31.9 27.6 41.4  
141 59.6 58.6 88.0

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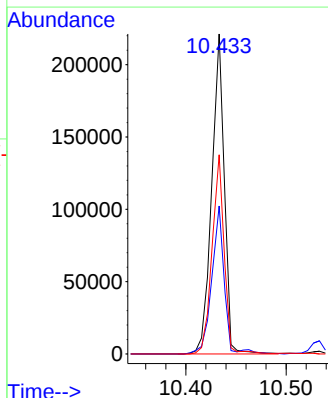
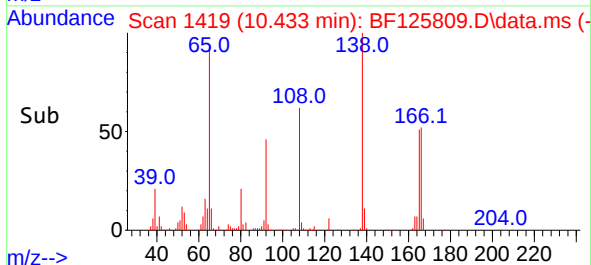
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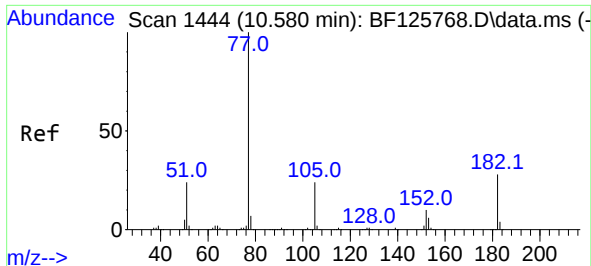


#62  
4-Nitroaniline  
Concen: 42.04 ng  
RT: 10.433 min Scan# 1419  
Delta R.T. -0.006 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04



Tgt Ion:138 Resp: 193745  
Ion Ratio Lower Upper  
138 100  
92 46.3 29.6 69.6  
108 62.3 78.1 118.1#





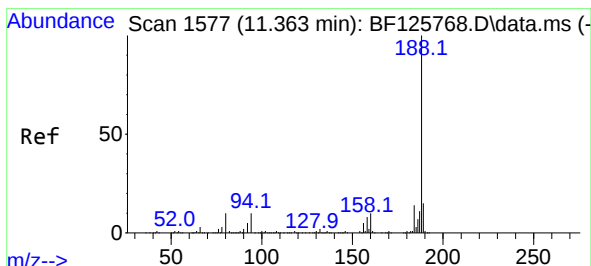
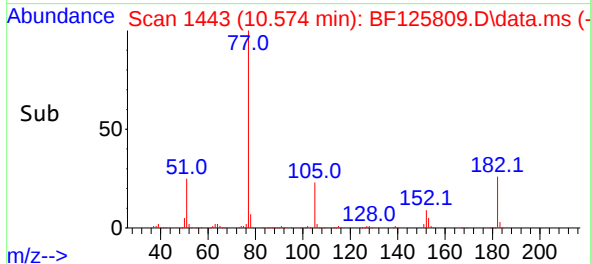
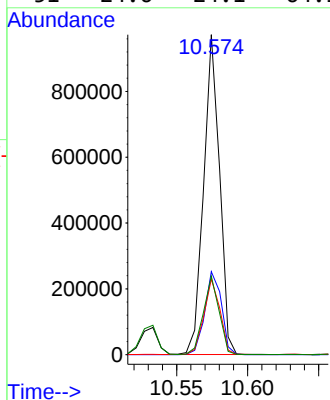
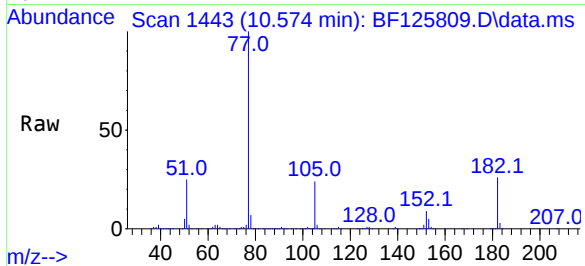
#63  
Azobenzene  
Concen: 40.47 ng  
RT: 10.574 min Scan# 1443  
Delta R.T. -0.006 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 77    | Resp: | 757306 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 182      | 26.0  | 6.3   | 46.3   |
| 105      | 23.7  | 2.9   | 42.9   |
| 51       | 24.6  | 24.1  | 64.1   |

Instrument :  
BNA\_F  
ClientSampleId :  
T10-COMP-(1-4)MSD

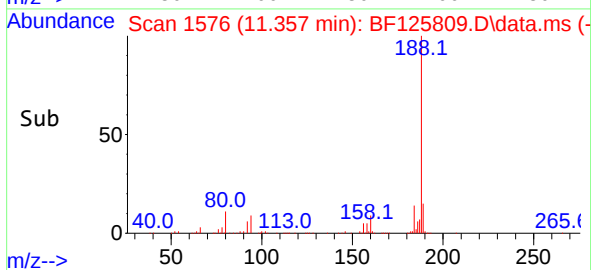
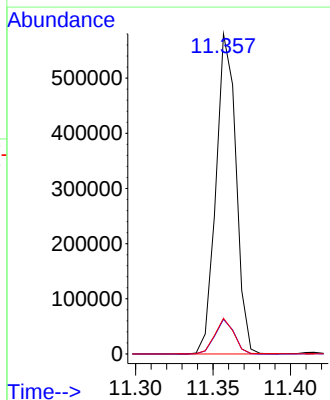
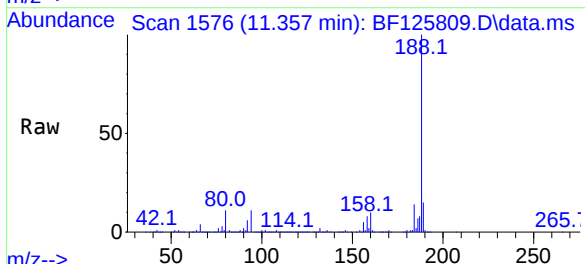
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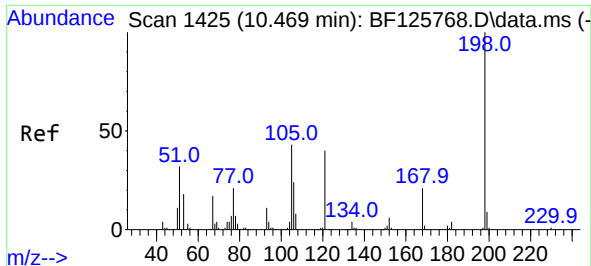
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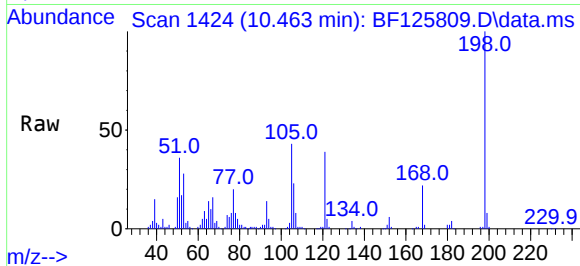
#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.357 min Scan# 1576  
Delta R.T. -0.006 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 522721 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 10.9  | 6.7   | 10.1#  |
| 80       | 11.1  | 7.5   | 11.3   |

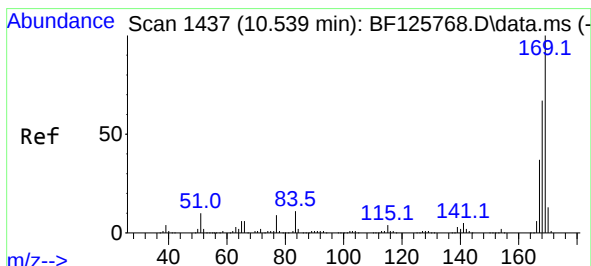
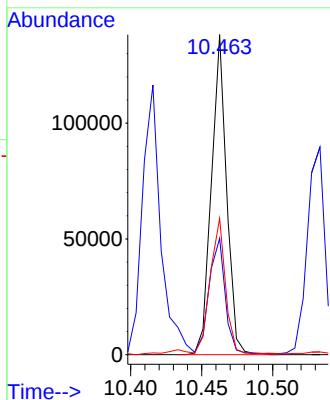
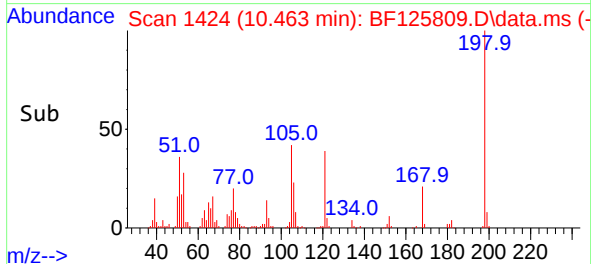




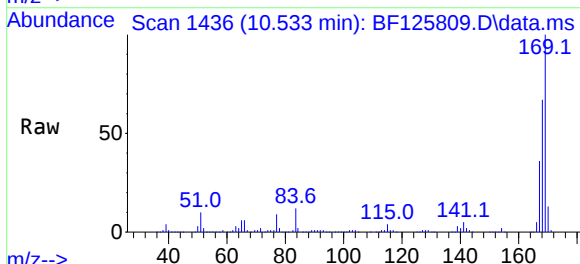
#65  
4,6-Dinitro-2-methylphenol  
Concen: 39.43 ng  
RT: 10.463 min Scan# 1424  
Delta R.T. -0.006 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04



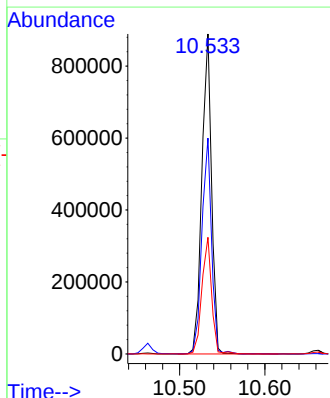
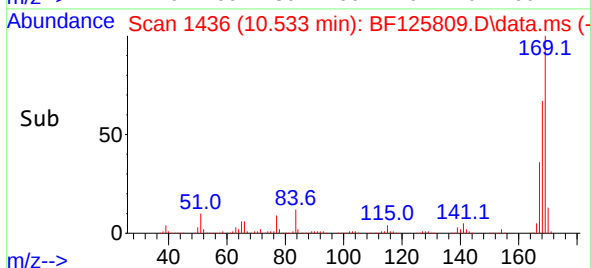
Tgt Ion:198 Resp: 102808  
Ion Ratio Lower Upper  
198 100  
51 36.4 45.3 85.3#  
105 42.6 30.6 70.6



#66  
n-Nitrosodiphenylamine  
Concen: 39.33 ng  
RT: 10.533 min Scan# 1436  
Delta R.T. -0.006 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04



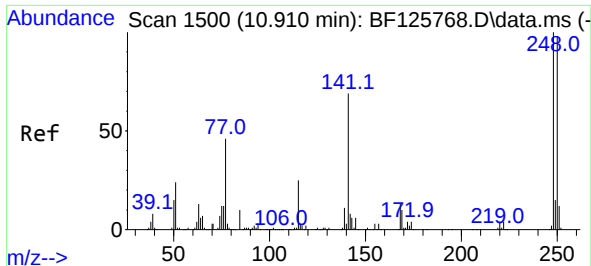
Tgt Ion:169 Resp: 701356  
Ion Ratio Lower Upper  
169 100  
168 67.4 50.8 76.2  
167 36.5 28.8 43.2



Instrument :  
BNA\_F  
ClientSampleId :  
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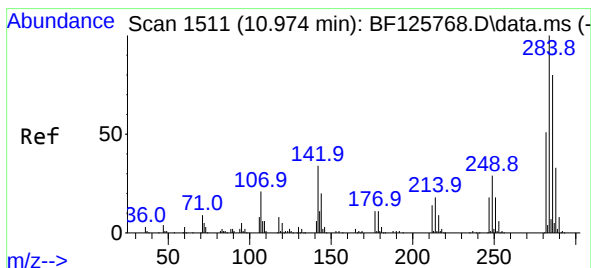
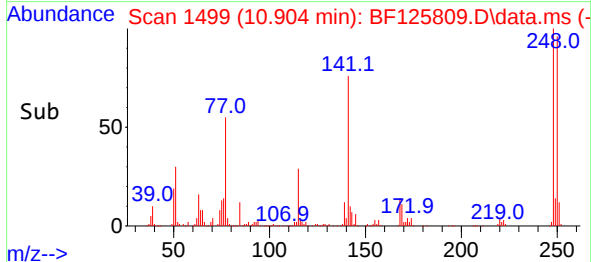
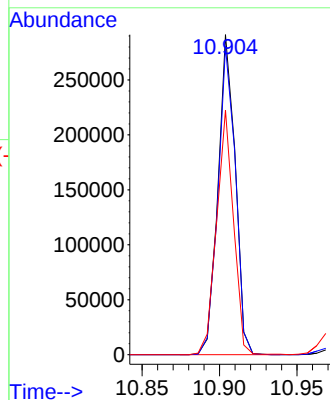
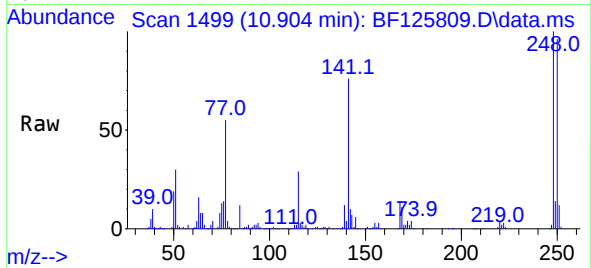
#67  
4-Bromophenyl-phenylether  
Concen: 38.95 ng  
RT: 10.904 min Scan# 1499  
Delta R.T. -0.006 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04

Tgt Ion:248 Resp: 225500  
Ion Ratio Lower Upper  
248 100  
250 96.2 74.2 111.4  
141 76.5 60.4 90.6

Instrument :  
BNA\_F  
ClientSampleId :  
T10-COMP-(1-4)MSD

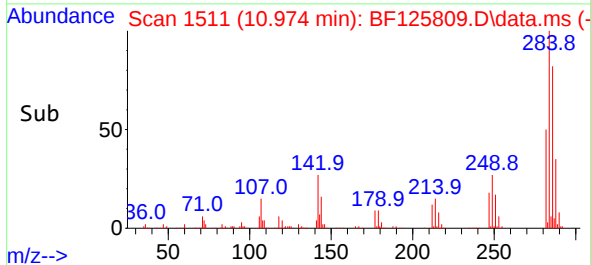
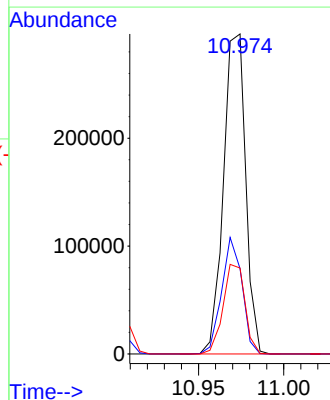
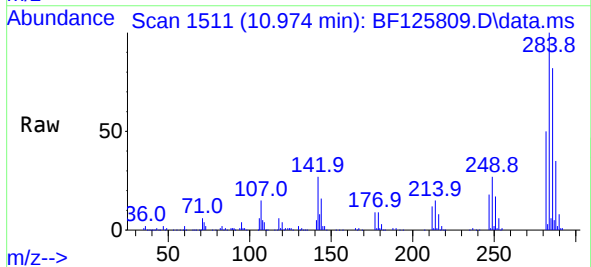
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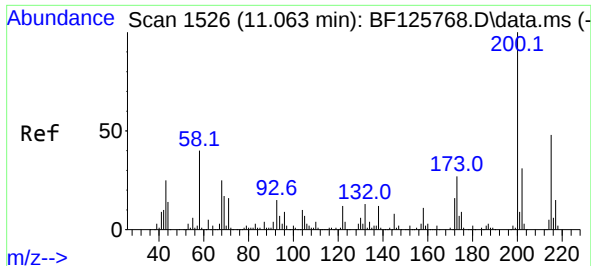
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#68  
Hexachlorobenzene  
Concen: 40.98 ng  
RT: 10.974 min Scan# 1511  
Delta R.T. 0.000 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04

Tgt Ion:284 Resp: 268839  
Ion Ratio Lower Upper  
284 100  
142 26.7 36.4 54.6#  
249 26.8 25.6 38.4





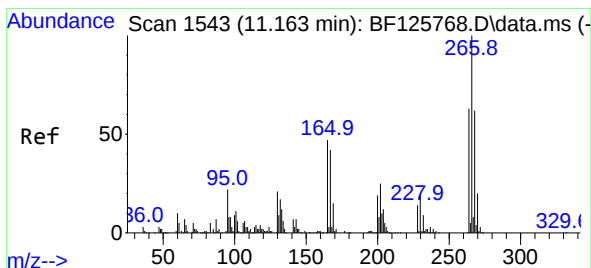
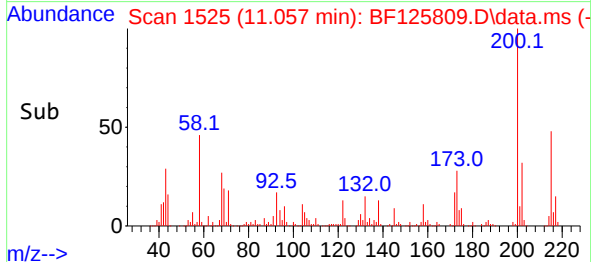
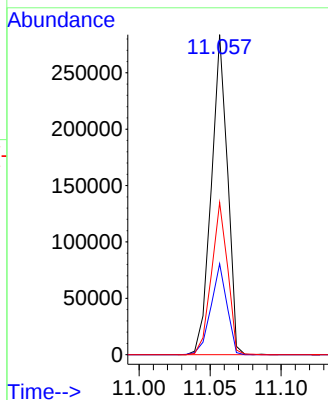
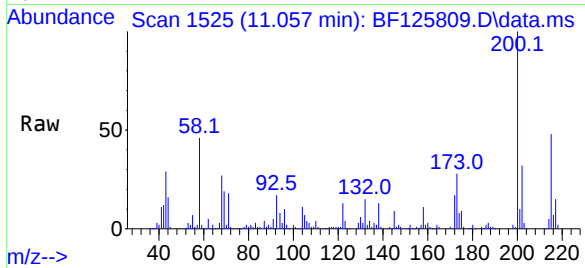
#69  
Atrazine  
Concen: 43.45 ng  
RT: 11.057 min Scan# 1525  
Delta R.T. -0.006 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04

Tgt Ion:200 Resp: 224855  
Ion Ratio Lower Upper  
200 100  
173 28.4 11.1 51.1  
215 47.6 22.7 62.7

Instrument :  
BNA\_F  
ClientSampleId :  
T10-COMP-(1-4)MSD

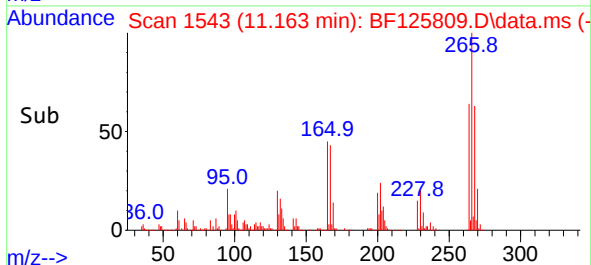
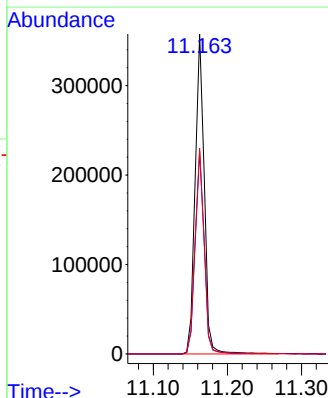
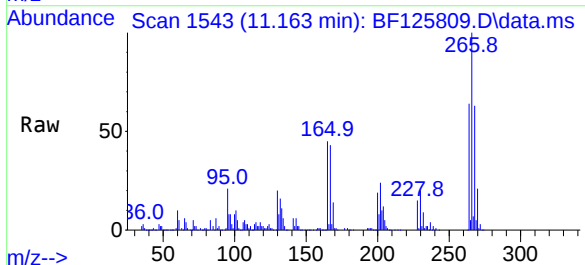
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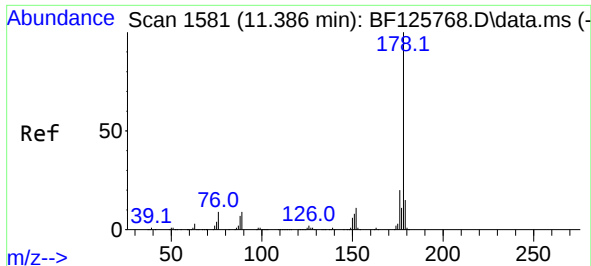
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#70  
Pentachlorophenol  
Concen: 87.23 ng  
RT: 11.163 min Scan# 1543  
Delta R.T. -0.000 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04

Tgt Ion:266 Resp: 305909  
Ion Ratio Lower Upper  
266 100  
268 63.4 48.9 73.3  
264 64.4 55.9 83.9





#71  
Phenanthrene  
Concen: 43.05 ng  
RT: 11.386 min Scan# 1581  
Delta R.T. -0.000 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04

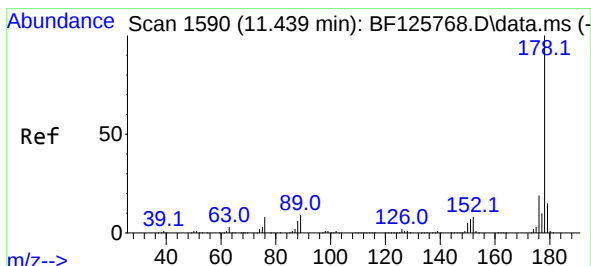
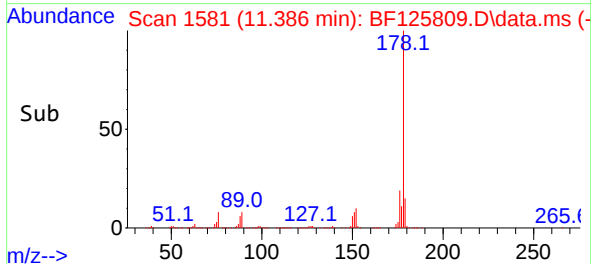
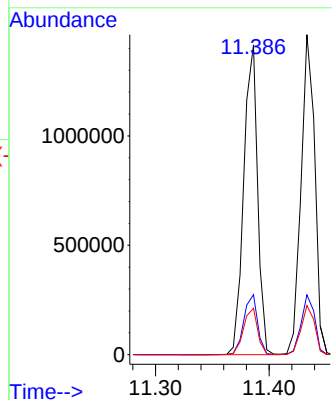
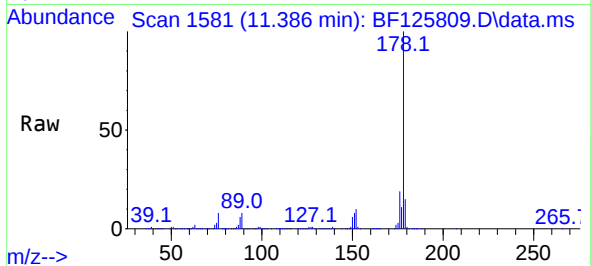
Tgt Ion:178 Resp: 1203922

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 19.4  | 14.7  | 22.1  |
| 179 | 15.0  | 11.5  | 17.3  |

Instrument :  
BNA\_F  
ClientSampleId :  
T10-COMP-(1-4)MSD

Manual Integrations  
APPROVED

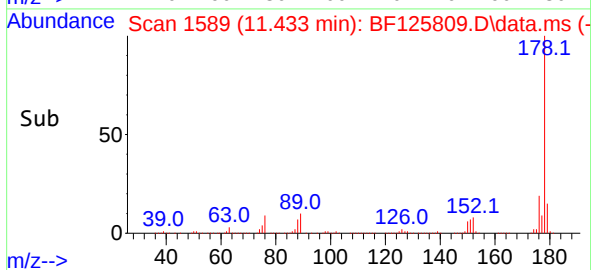
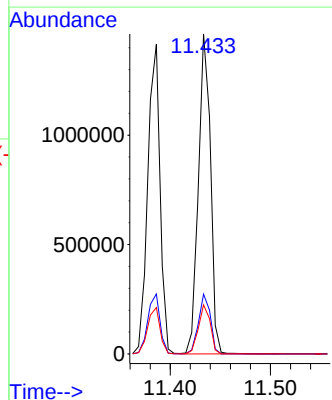
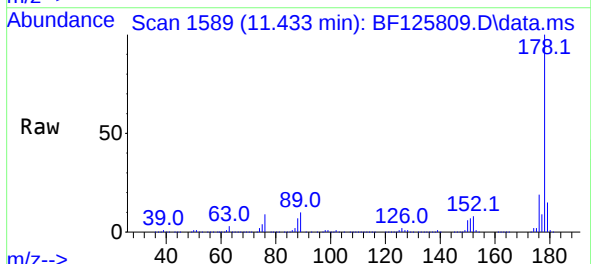
mohammad  
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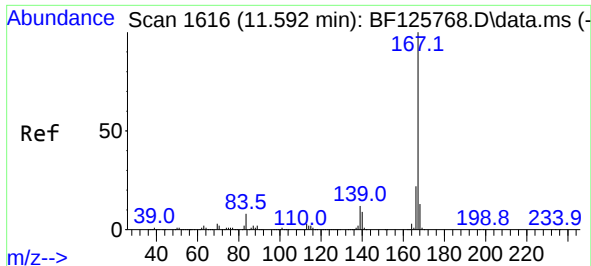


#72  
Anthracene  
Concen: 43.94 ng  
RT: 11.433 min Scan# 1589  
Delta R.T. -0.006 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04

Tgt Ion:178 Resp: 1227374

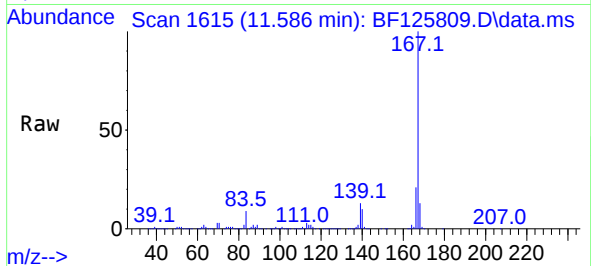
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 18.7  | 14.3  | 21.5  |
| 179 | 15.3  | 12.2  | 18.4  |





#73  
Carbazole  
Concen: 44.33 ng  
RT: 11.586 min Scan# 1615  
Delta R.T. -0.006 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04

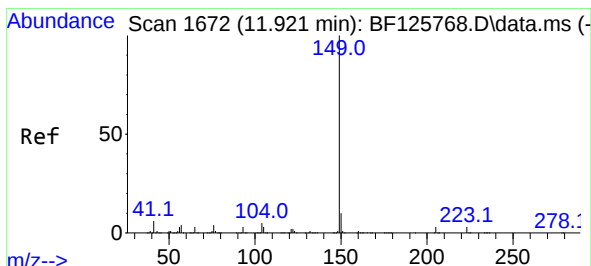
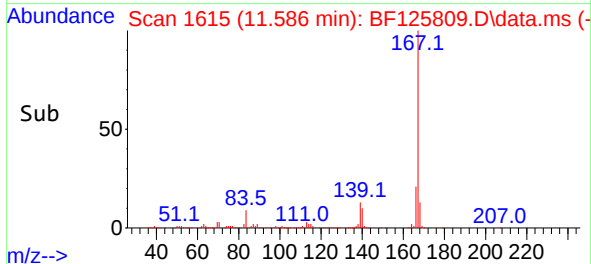
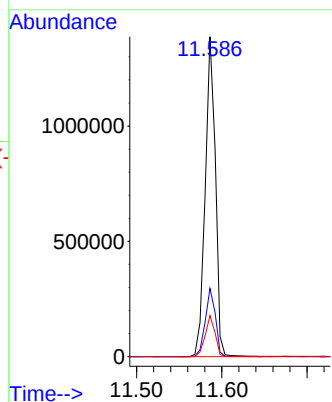
Instrument :  
BNA\_F  
ClientSampleId :  
T10-COMP-(1-4)MSD



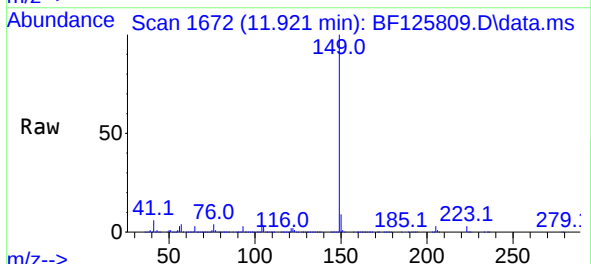
Tgt Ion:167 Resp: 1152415  
Ion Ratio Lower Upper  
167 100  
166 21.3 17.4 26.0  
139 12.8 11.0 16.4

Manual Integrations  
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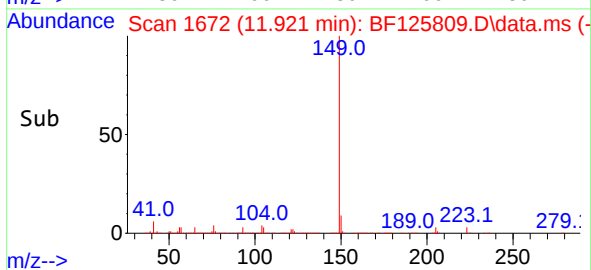
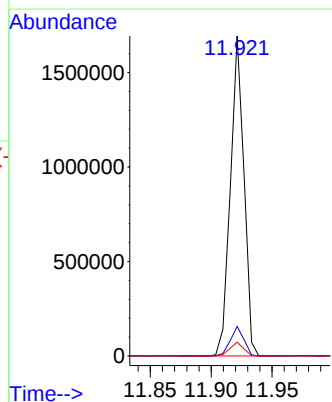
mohammad  
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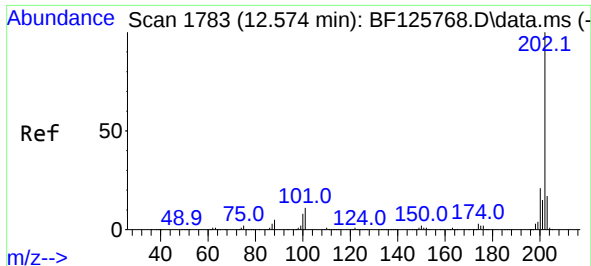


#74  
Di-n-butylphthalate  
Concen: 45.70 ng  
RT: 11.921 min Scan# 1672  
Delta R.T. -0.000 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04



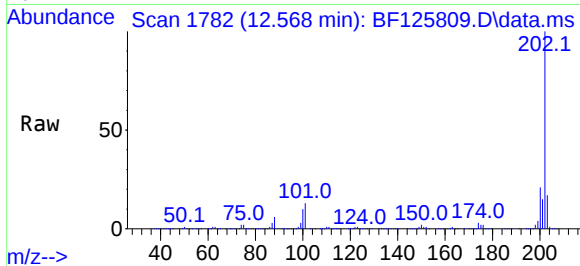
Tgt Ion:149 Resp: 1311719  
Ion Ratio Lower Upper  
149 100  
150 9.2 7.4 11.2  
104 4.3 4.1 6.1





#75  
Fluoranthene  
Concen: 52.15 ng  
RT: 12.568 min Scan# 1782  
Delta R.T. -0.006 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04

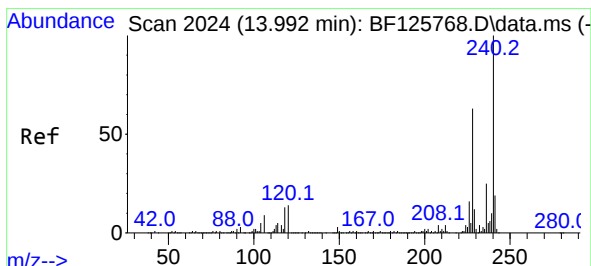
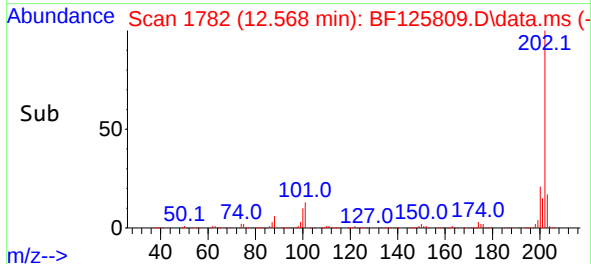
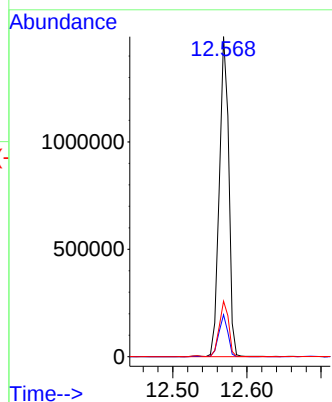
Instrument :  
BNA\_F  
ClientSampleId :  
T10-COMP-(1-4)MSD



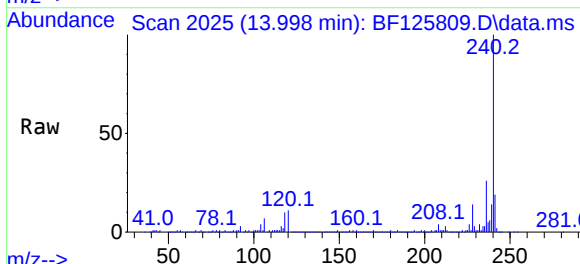
Tgt Ion:202 Resp: 1316121  
Ion Ratio Lower Upper  
202 100  
101 13.1 0.0 30.7  
203 17.3 0.0 36.3

Manual Integrations  
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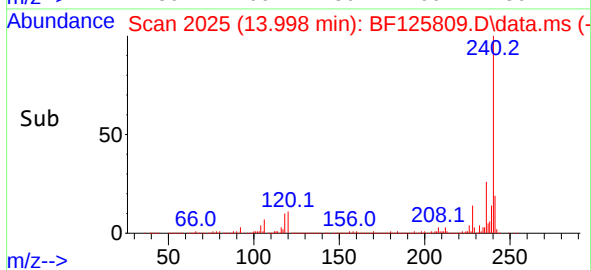
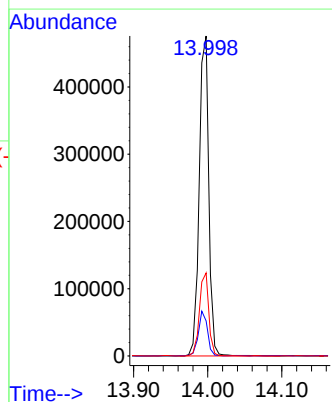
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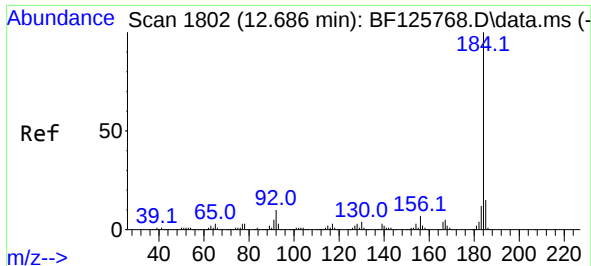


#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 13.998 min Scan# 2025  
Delta R.T. 0.006 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04



Tgt Ion:240 Resp: 425821  
Ion Ratio Lower Upper  
240 100  
120 11.0 10.8 16.2  
236 26.0 21.6 32.4





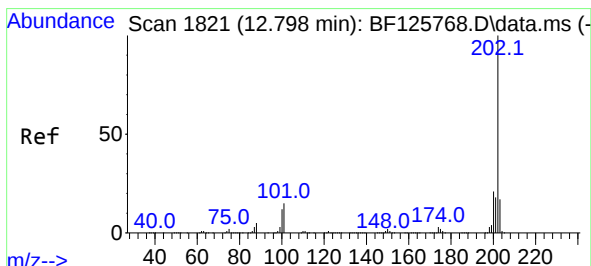
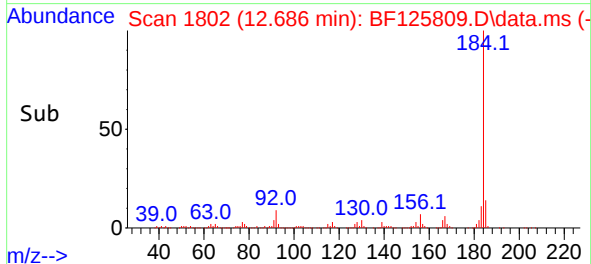
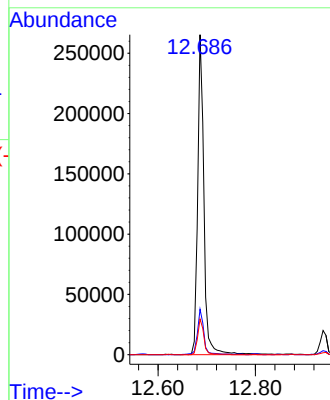
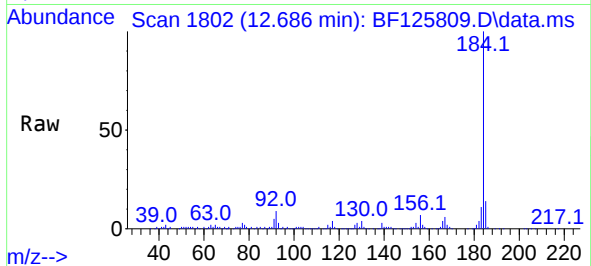
#77  
Benzidine  
Concen: 15.30 ng  
RT: 12.686 min Scan# 1802  
Delta R.T. -0.000 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04

Tgt Ion:184 Resp: 238432  
Ion Ratio Lower Upper  
184 100  
185 14.2 10.8 16.2  
183 11.1 8.1 12.1

Instrument :  
BNA\_F  
ClientSampleId :  
T10-COMP-(1-4)MSD

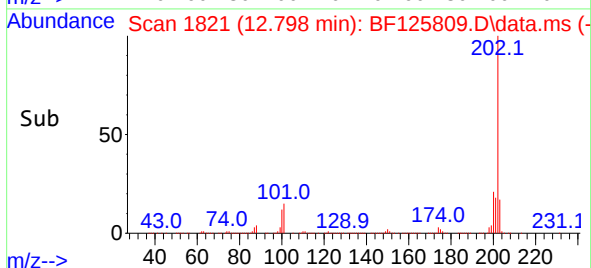
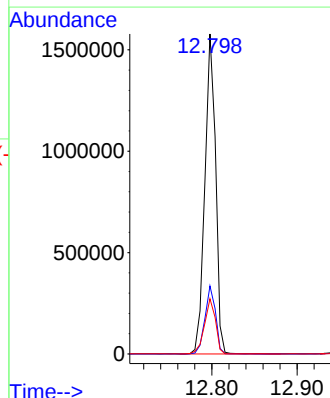
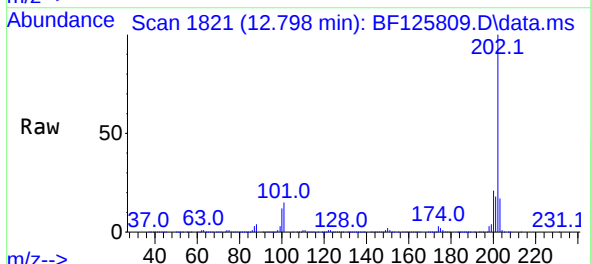
Manual Integrations  
APPROVED

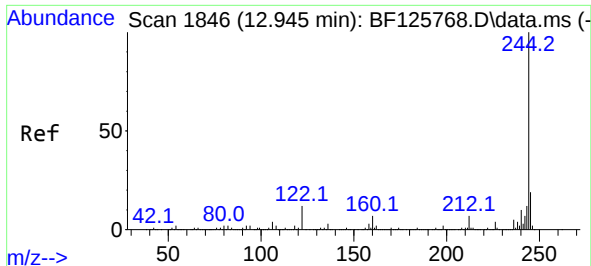
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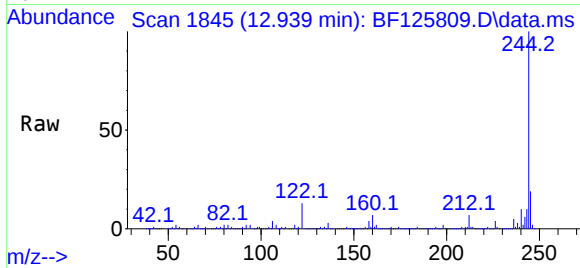
#78  
Pyrene  
Concen: 31.85 ng  
RT: 12.798 min Scan# 1821  
Delta R.T. -0.000 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04

Tgt Ion:202 Resp: 1377640  
Ion Ratio Lower Upper  
202 100  
200 21.2 15.3 22.9  
203 17.3 13.4 20.0

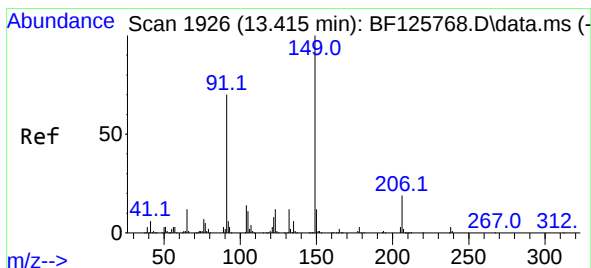
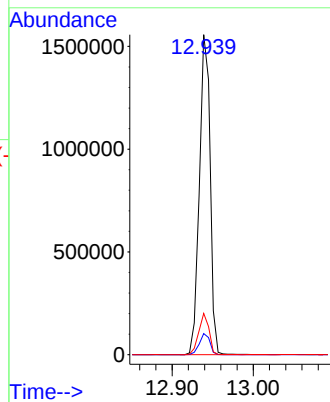
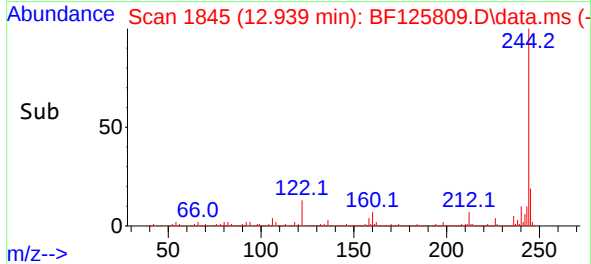




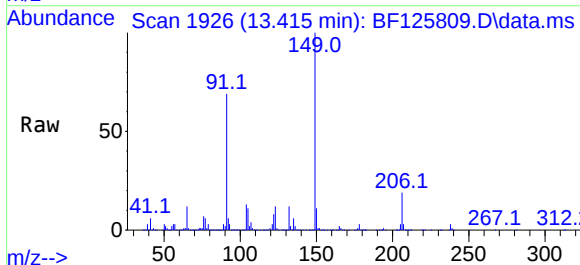
#79  
Terphenyl-d14  
Concen: 51.45 ng  
RT: 12.939 min Scan# 1845  
Delta R.T. -0.006 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04



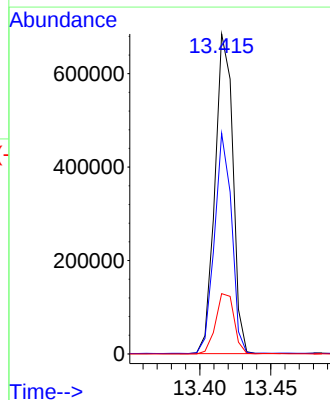
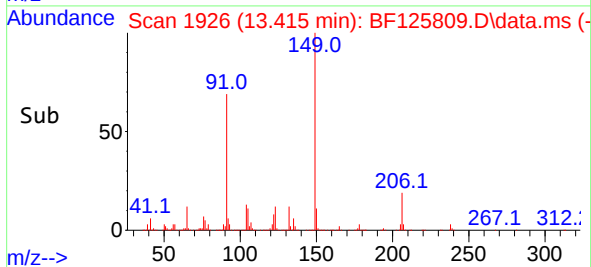
Tgt Ion:244 Resp: 1438304  
Ion Ratio Lower Upper  
244 100  
212 6.6 5.9 8.9  
122 12.9 9.0 13.4



#80  
Butylbenzylphthalate  
Concen: 43.26 ng  
RT: 13.415 min Scan# 1926  
Delta R.T. -0.000 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04



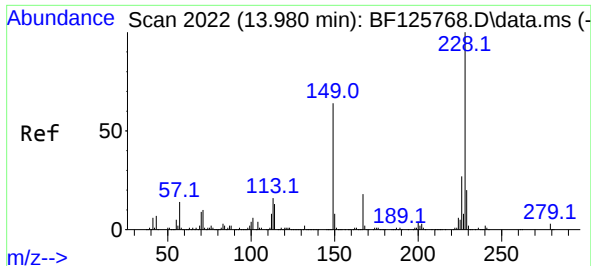
Tgt Ion:149 Resp: 599874  
Ion Ratio Lower Upper  
149 100  
91 68.9 51.8 77.8  
206 18.9 14.5 21.7



Instrument :  
BNA\_F  
ClientSampleId :  
T10-COMP-(1-4)MSD

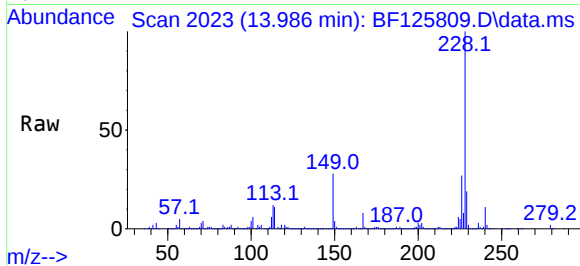
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#81  
Benzo(a)anthracene  
Concen: 41.27 ng  
RT: 13.986 min Scan# 2023  
Delta R.T. 0.006 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04

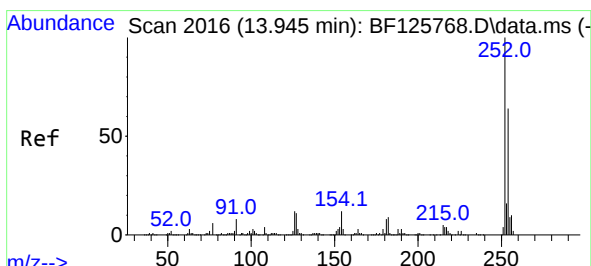
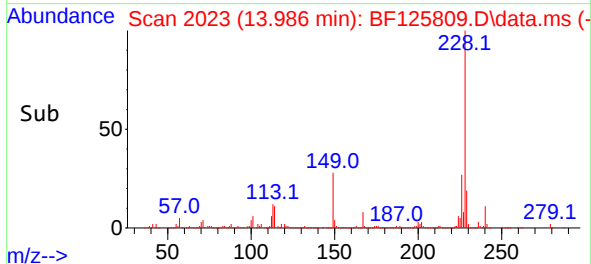
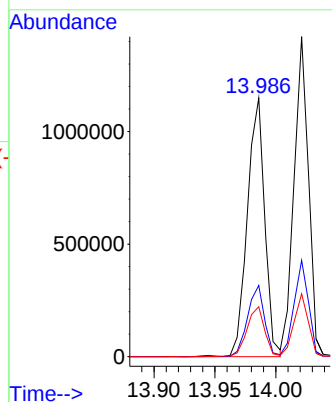
Instrument :  
BNA\_F  
ClientSampleId :  
T10-COMP-(1-4)MSD



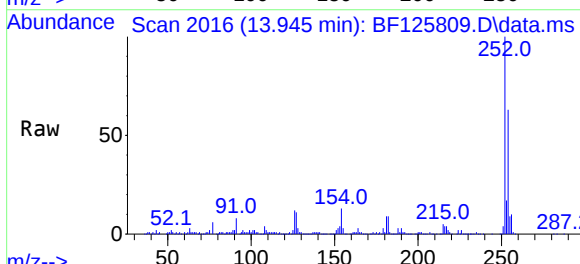
Tgt Ion:228 Resp: 1140164  
Ion Ratio Lower Upper  
228 100  
226 27.5 21.6 32.4  
229 19.3 15.6 23.4

Manual Integrations  
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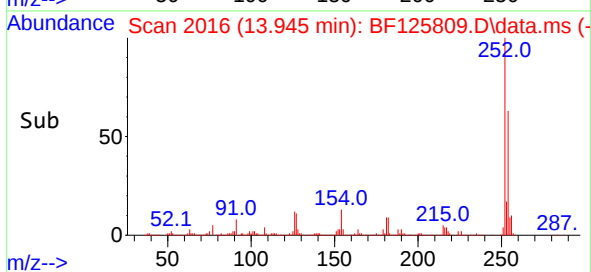
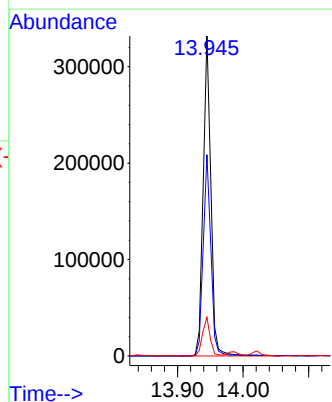
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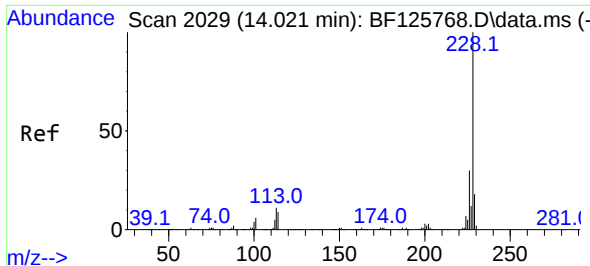


#82  
3,3'-Dichlorobenzidine  
Concen: 31.26 ng  
RT: 13.945 min Scan# 2016  
Delta R.T. -0.000 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04

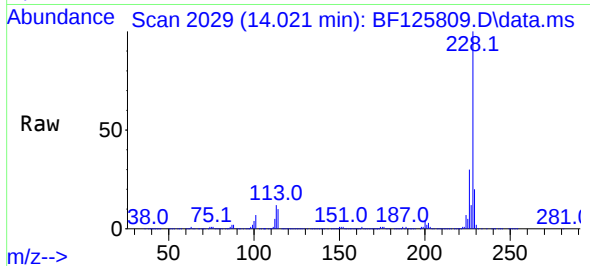


Tgt Ion:252 Resp: 272829  
Ion Ratio Lower Upper  
252 100  
254 62.9 51.4 77.0  
126 12.1 9.5 14.3



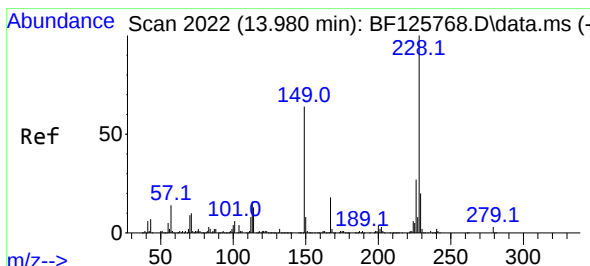
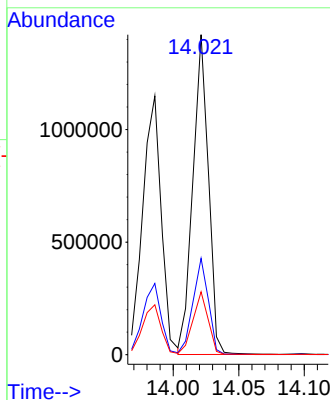
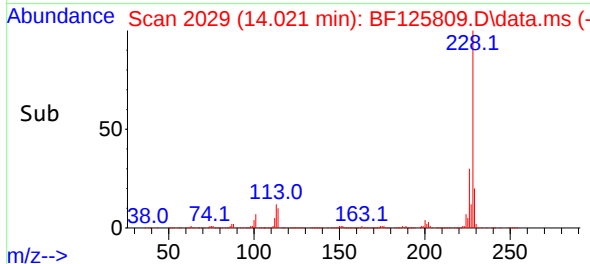


#83  
Chrysene  
Concen: 42.99 ng  
RT: 14.021 min Scan# 2029  
Delta R.T. -0.000 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04

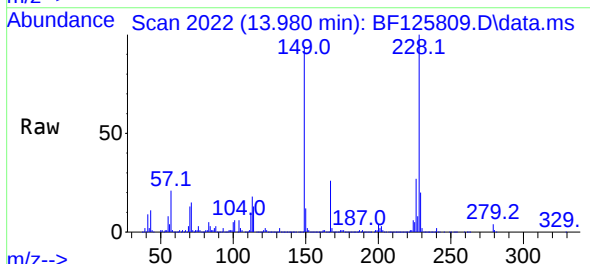


Tgt Ion:228 Resp: 1173929

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 30.1  | 22.6  | 34.0  |
| 229 | 19.6  | 15.9  | 23.9  |

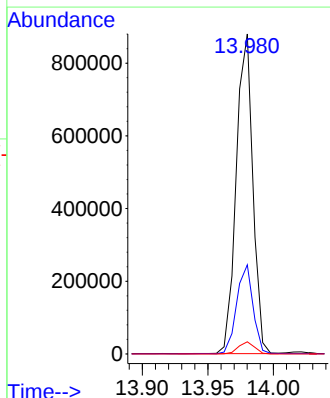
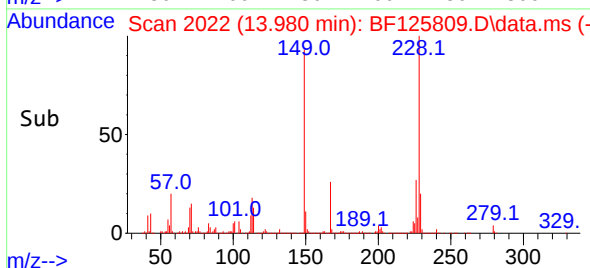


#84  
Bis(2-ethylhexyl)phthalate  
Concen: 51.44 ng  
RT: 13.980 min Scan# 2022  
Delta R.T. -0.000 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04



Tgt Ion:149 Resp: 776161

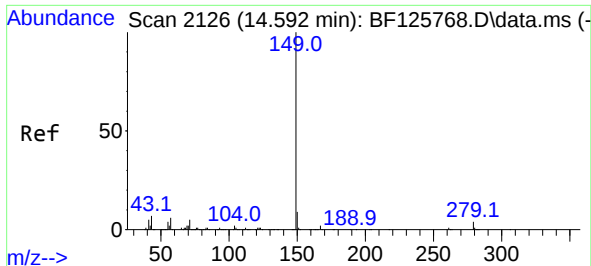
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 27.8  | 21.4  | 32.0  |
| 279 | 3.8   | 2.6   | 4.0   |



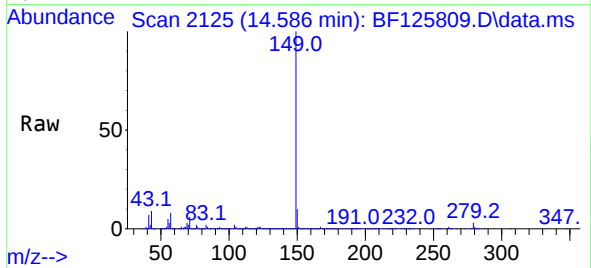
Instrument :  
BNA\_F  
ClientSampleId :  
T10-COMP-(1-4)MSD

Manual Integrations  
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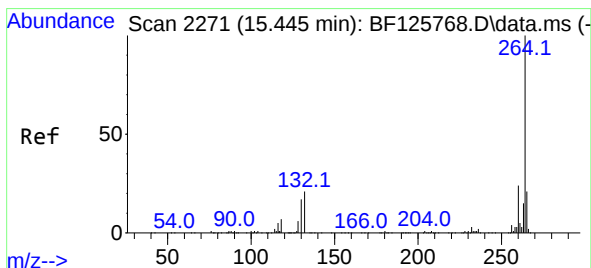
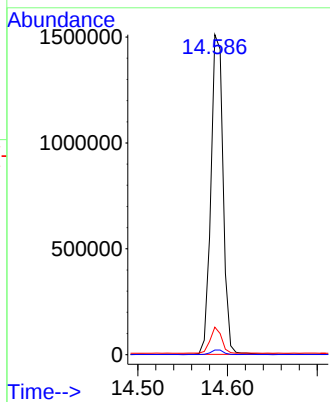
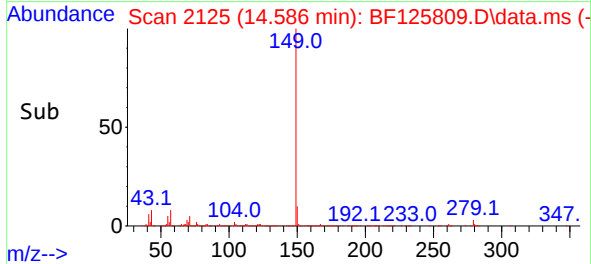
mohammad  
10/14/2021 10:53:25 AM



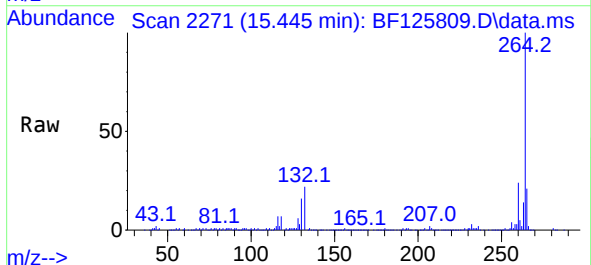
#85  
Di-n-octyl phthalate  
Concen: 56.68 ng  
RT: 14.586 min Scan# 2125  
Delta R.T. -0.006 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04



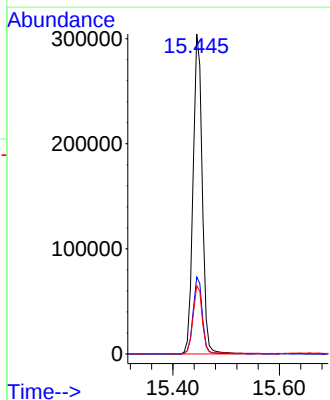
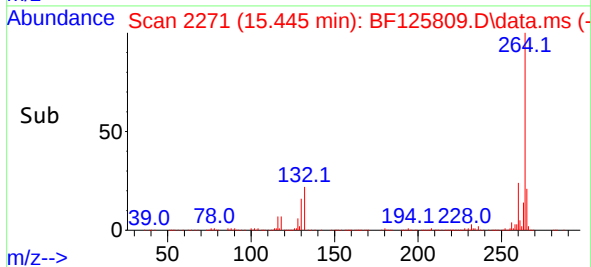
Tgt Ion:149 Resp: 1424831  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.0 1.6  
43 7.6 9.9 14.9#



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.445 min Scan# 2271  
Delta R.T. -0.000 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04



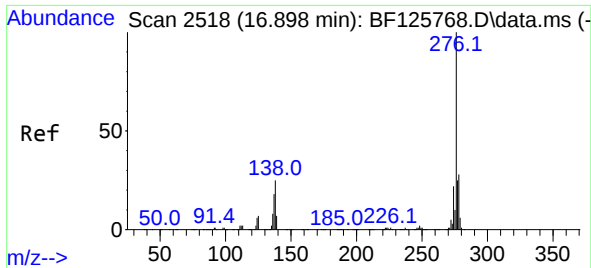
Tgt Ion:264 Resp: 365608  
Ion Ratio Lower Upper  
264 100  
260 24.0 19.6 29.4  
265 21.3 17.2 25.8



Instrument :  
BNA\_F  
ClientSampleId :  
T10-COMP-(1-4)MSD

Manual Integrations  
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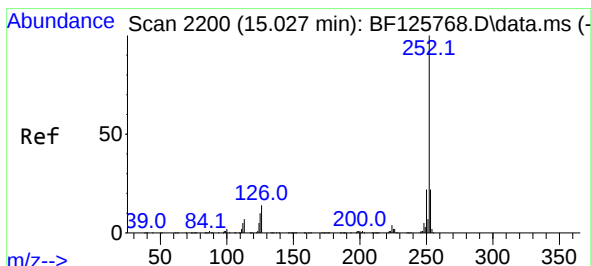
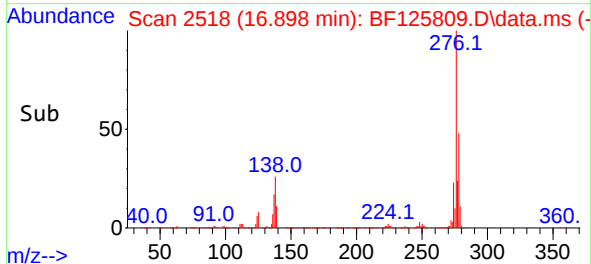
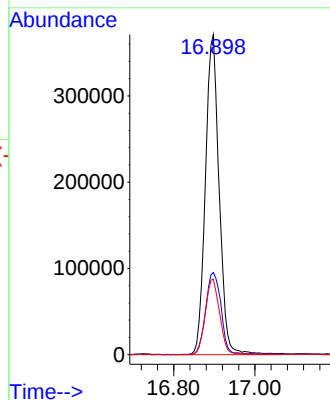
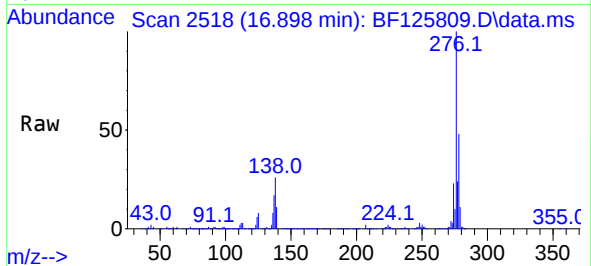
#87  
Indeno(1,2,3-cd)pyrene  
Concen: 31.25 ng  
RT: 16.898 min Scan# 2518  
Delta R.T. -0.000 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04

Tgt Ion: 276 Resp: 871968  
Ion Ratio Lower Upper  
276 100  
138 28.9 24.1 36.1  
277 24.7 18.8 28.2

Instrument :  
BNA\_F  
ClientSampleId :  
T10-COMP-(1-4)MSD

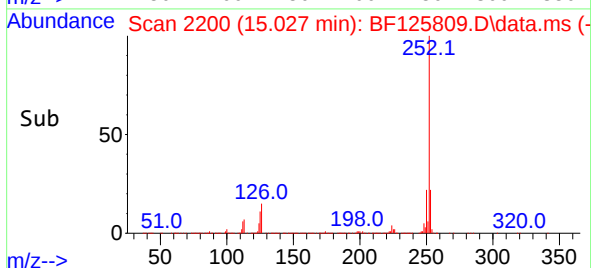
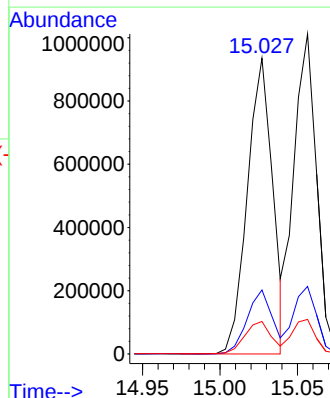
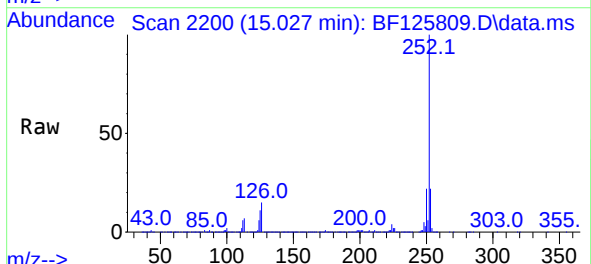
Manual Integrations  
APPROVED

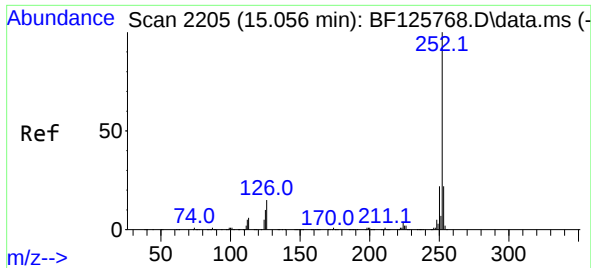
mohammad  
10/14/2021 10:53:25 AM



#88  
Benzo(b)fluoranthene  
Concen: 51.49 ng  
RT: 15.027 min Scan# 2200  
Delta R.T. -0.000 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04

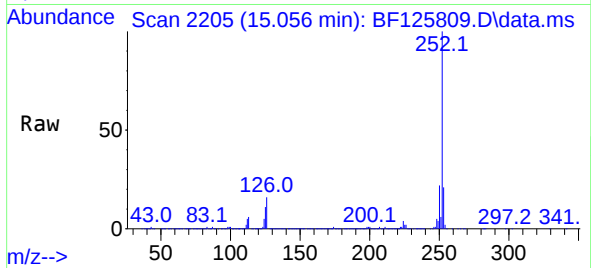
Tgt Ion: 252 Resp: 1062798  
Ion Ratio Lower Upper  
252 100  
253 21.7 16.8 25.2  
125 11.0 9.8 14.8





#89  
Benzo(k)fluoranthene  
Concen: 48.59 ng  
RT: 15.056 min Scan# 2205  
Delta R.T. -0.000 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04

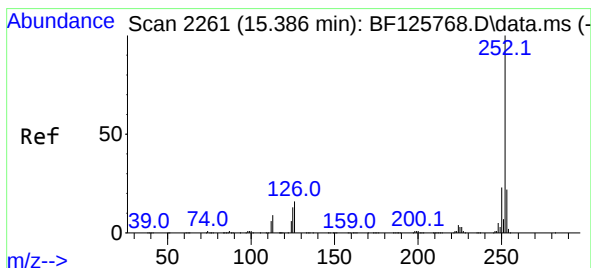
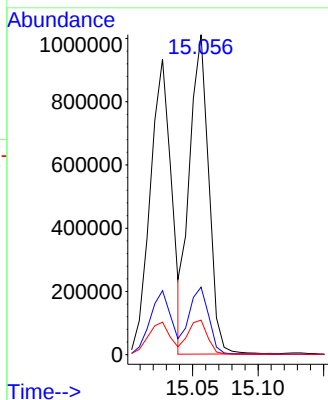
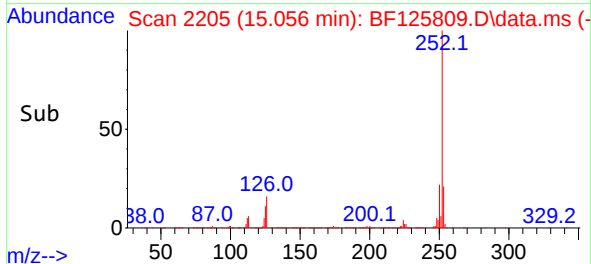
Instrument :  
BNA\_F  
ClientSampleId :  
T10-COMP-(1-4)MSD



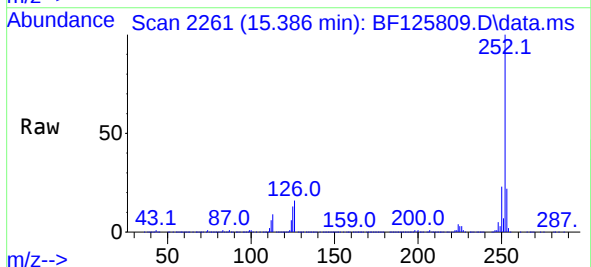
Tgt Ion:252 Resp: 1029647  
Ion Ratio Lower Upper  
252 100  
253 21.1 17.8 26.8  
125 10.8 7.2 10.8

Manual Integrations  
APPROVED

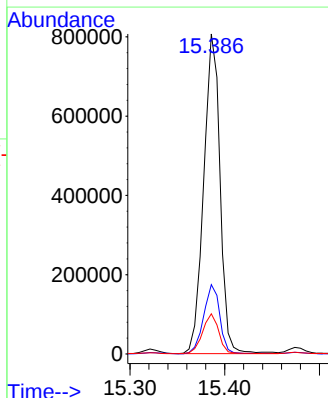
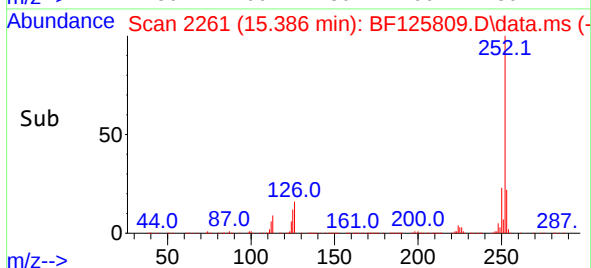
mohammad  
10/14/2021 10:53:25 AM

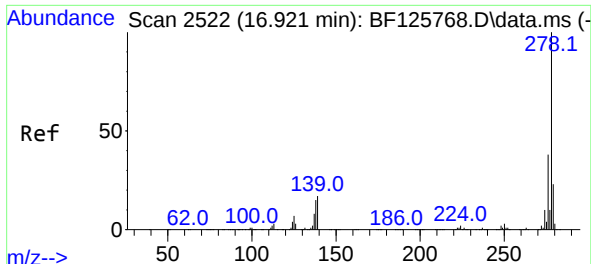


#90  
Benzo(a)pyrene  
Concen: 52.76 ng  
RT: 15.386 min Scan# 2261  
Delta R.T. -0.000 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04



Tgt Ion:252 Resp: 964395  
Ion Ratio Lower Upper  
252 100  
253 21.6 18.4 27.6  
125 12.5 9.9 14.9





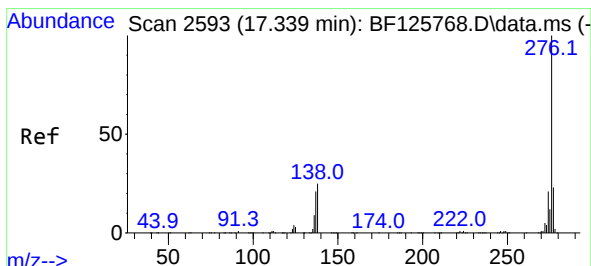
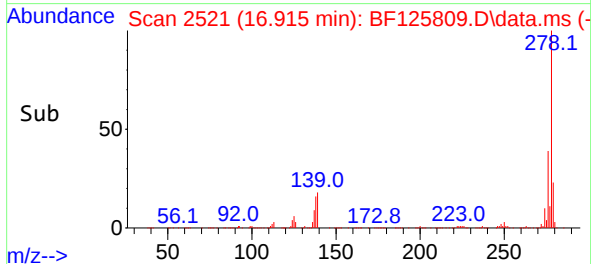
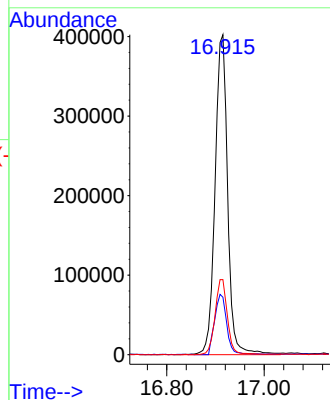
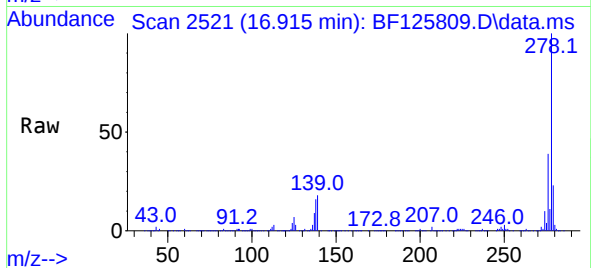
#91  
Dibenzo(a,h)anthracene  
Concen: 31.32 ng  
RT: 16.915 min Scan# 2521  
Delta R.T. -0.006 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04

Tgt Ion:278 Resp: 720891  
Ion Ratio Lower Upper  
278 100  
139 17.9 14.9 22.3  
279 23.5 19.7 29.5

Instrument :  
BNA\_F  
ClientSampleId :  
T10-COMP-(1-4)MSD

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#92  
Benzo(g,h,i)perylene  
Concen: 30.33 ng  
RT: 17.333 min Scan# 2592  
Delta R.T. -0.006 min  
Lab File: BF125809.D  
Acq: 12 Oct 2021 19:04

Tgt Ion:276 Resp: 712893  
Ion Ratio Lower Upper  
276 100  
277 23.4 22.0 33.0  
138 25.1 22.2 33.4

