

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF093021\  
 Data File : BF125730.D  
 Acq On : 30 Sep 2021 13:28  
 Operator : JU/CG  
 Sample : M3951-02MS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-20210924MS

Manual Integrations  
 APPROVED

mohammad  
 10/1/2021 11:28:48 AM

Quant Time: Sep 30 13:54:46 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF092421.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 24 15:38:32 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.887  | 152  | 214025   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.169  | 136  | 869261   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.928  | 164  | 453525   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.410 | 188  | 776990   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.045 | 240  | 471422   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.515 | 264  | 468424   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.522  | 112  | 1537075  | 118.324 | ng    | 0.02     |
| 7) Phenol-d6                  | 6.516  | 99   | 1743435  | 99.827  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.451  | 82   | 1223282  | 98.157  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.716 | 330  | 607128   | 143.579 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.245  | 172  | 2321884  | 93.297  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.992 | 244  | 2420440  | 88.914  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.828  | 88   | 230468   | 41.687  | ng    | # 100    |
| 3) Pyridine                   | 3.540  | 79   | 430838   | 29.463  | ng    | # 70     |
| 4) n-Nitrosodimethylamine     | 3.481  | 42   | 240455   | 44.317  | ng    | # 1      |
| 6) Aniline                    | 6.551  | 93   | 569267   | 28.230  | ng    | 93       |
| 8) 2-Chlorophenol             | 6.675  | 128  | 674471   | 45.772  | ng    | 97       |
| 9) Benzaldehyde               | 6.440  | 77   | 253300   | 29.447  | ng    | 90       |
| 10) Phenol                    | 6.528  | 94   | 646714m  | 36.633  | ng    |          |
| 11) bis(2-Chloroethyl)ether   | 6.622  | 93   | 632570   | 46.108  | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 6.834  | 146  | 668974m  | 41.115  | ng    |          |
| 13) 1,4-Dichlorobenzene       | 6.904  | 146  | 678966   | 41.015  | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 7.057  | 146  | 656763   | 42.050  | ng    | 99       |
| 15) Benzyl Alcohol            | 7.028  | 79   | 514589   | 42.478  | ng    | 92       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.163  | 45   | 749663   | 42.928  | ng    | 87       |
| 17) 2-Methylphenol            | 7.134  | 107  | 517164   | 42.799  | ng    | 97       |
| 18) Hexachloroethane          | 7.404  | 117  | 230118   | 42.826  | ng    | # 89     |
| 19) n-Nitroso-di-n-propyla... | 7.298  | 70   | 405295   | 40.759  | ng    | # 68     |
| 20) 3+4-Methylphenols         | 7.287  | 107  | 618472   | 40.712  | ng    | 93       |
| 22) Acetophenone              | 7.298  | 105  | 863207   | 43.763  | ng    | # 88     |
| 24) Nitrobenzene              | 7.469  | 77   | 636554   | 50.213  | ng    | 97       |
| 25) Isophorone                | 7.710  | 82   | 1136840  | 40.732  | ng    | 96       |
| 26) 2-Nitrophenol             | 7.781  | 139  | 352113   | 52.353  | ng    | 90       |
| 27) 2,4-Dimethylphenol        | 7.816  | 122  | 585896   | 47.202  | ng    | 95       |
| 28) bis(2-Chloroethoxy)met... | 7.916  | 93   | 752300   | 47.788  | ng    | 97       |
| 29) 2,4-Dichlorophenol        | 8.022  | 162  | 565057   | 45.827  | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 8.110  | 180  | 567188   | 42.257  | ng    | 99       |
| 31) Naphthalene               | 8.192  | 128  | 1849601  | 41.440  | ng    | 99       |
| 32) Benzoic acid              | 7.928  | 122  | 392936   | 44.060  | ng    | 99       |
| 33) 4-Chloroaniline           | 8.234  | 127  | 252988   | 13.513  | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.310  | 225  | 301685   | 40.763  | ng    | 100      |
| 35) Caprolactam               | 8.604  | 113  | 152369m  | 37.868  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.716  | 107  | 571994   | 44.271  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.881  | 142  | 1289731  | 42.606  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.981  | 142  | 1198792  | 41.904  | ng    | 97       |
| 40) 1,2,4,5-Tetrachloroben... | 9.051  | 216  | 520650   | 44.141  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 9.039  | 237  | 533319   | 106.866 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.157  | 196  | 402654   | 48.680  | ng    | 98       |

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 WC-20210924MS

Manual Integrations  
 APPROVED

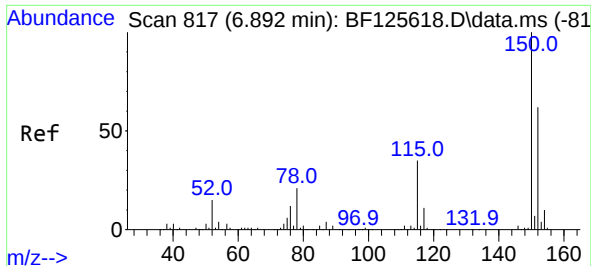
mohammad  
 10/1/2021 11:28:48 AM

Quant Time: Sep 30 13:54:46 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF092421.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 24 15:38:32 2021  
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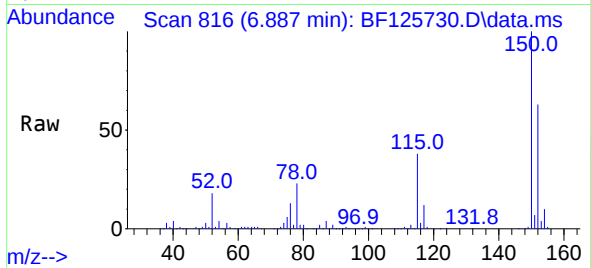
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.198  | 196  | 440170   | 49.289 | ng    | # 89     |
| 46) 1,1'-Biphenyl             | 9.345  | 154  | 1475405  | 44.118 | ng    | 97       |
| 47) 2-Chloronaphthalene       | 9.375  | 162  | 1228915  | 44.385 | ng    | 95       |
| 48) 2-Nitroaniline            | 9.463  | 65   | 338665   | 51.524 | ng    | 93       |
| 49) Acenaphthylene            | 9.786  | 152  | 1860635  | 44.641 | ng    | 97       |
| 50) Dimethylphthalate         | 9.645  | 163  | 1400839  | 45.850 | ng    | 98       |
| 51) 2,6-Dinitrotoluene        | 9.704  | 165  | 317185   | 50.702 | ng    | 95       |
| 52) Acenaphthene              | 9.963  | 154  | 1269033  | 48.561 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.875  | 138  | 237904   | 34.440 | ng    | 96       |
| 54) 2,4-Dinitrophenol         | 9.980  | 184  | 281560   | 91.032 | ng    | # 70     |
| 55) Dibenzofuran              | 10.133 | 168  | 1695666  | 43.249 | ng    | 94       |
| 56) 4-Nitrophenol             | 10.033 | 139  | 522649   | 92.866 | ng    | 87       |
| 57) 2,4-Dinitrotoluene        | 10.110 | 165  | 436286   | 55.380 | ng    | # 78     |
| 58) Fluorene                  | 10.475 | 166  | 1285312  | 42.118 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.245 | 232  | 339155   | 49.346 | ng    | # 89     |
| 60) Diethylphthalate          | 10.345 | 149  | 1344120  | 45.632 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.463 | 204  | 582261   | 42.925 | ng    | 90       |
| 62) 4-Nitroaniline            | 10.492 | 138  | 350669   | 50.282 | ng    | # 72     |
| 63) Azobenzene                | 10.628 | 77   | 1232889  | 43.350 | ng    | # 82     |
| 65) 4,6-Dinitro-2-methylph... | 10.516 | 198  | 186758   | 49.123 | ng    | # 72     |
| 66) n-Nitrosodiphenylamine    | 10.580 | 169  | 1183395  | 44.367 | ng    | 96       |
| 67) 4-Bromophenyl-phenylether | 10.957 | 248  | 371031   | 45.502 | ng    | 92       |
| 68) Hexachlorobenzene         | 11.022 | 284  | 443552   | 46.347 | ng    | # 85     |
| 69) Atrazine                  | 11.110 | 200  | 376407   | 53.222 | ng    | 94       |
| 70) Pentachlorophenol         | 11.216 | 266  | 499031   | 98.660 | ng    | 94       |
| 71) Phenanthrene              | 11.433 | 178  | 1918047  | 44.021 | ng    | 96       |
| 72) Anthracene                | 11.486 | 178  | 1979247  | 45.971 | ng    | 97       |
| 73) Carbazole                 | 11.639 | 167  | 1825364  | 43.080 | ng    | 98       |
| 74) Di-n-butylphthalate       | 11.969 | 149  | 2026217  | 47.433 | ng    | 99       |
| 75) Fluoranthene              | 12.622 | 202  | 1937009  | 41.597 | ng    | 96       |
| 77) Benzidine                 | 12.739 | 184  | 777806   | 62.805 | ng    | 98       |
| 78) Pyrene                    | 12.851 | 202  | 1946502  | 45.688 | ng    | 95       |
| 80) Butylbenzylphthalate      | 13.463 | 149  | 746284   | 52.897 | ng    | 96       |
| 81) Benzo(a)anthracene        | 14.033 | 228  | 1390575  | 43.425 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.992 | 252  | 355180   | 38.440 | ng    | 98       |
| 83) Chrysene                  | 14.074 | 228  | 1420687  | 44.209 | ng    | 97       |
| 84) Bis(2-ethylhexyl)phtha... | 14.027 | 149  | 888393   | 55.006 | ng    | # 98     |
| 85) Di-n-octyl phthalate      | 14.639 | 149  | 1374851  | 58.040 | ng    | # 88     |
| 87) Indeno(1,2,3-cd)pyrene    | 17.009 | 276  | 1601381  | 50.363 | ng    | 97       |
| 88) Benzo(b)fluoranthene      | 15.086 | 252  | 1441925  | 43.936 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.121 | 252  | 1321932  | 42.042 | ng    | 97       |
| 90) Benzo(a)pyrene            | 15.457 | 252  | 1367162  | 46.799 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 17.027 | 278  | 1342890  | 50.529 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.462 | 276  | 1385804  | 51.056 | ng    | 93       |

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

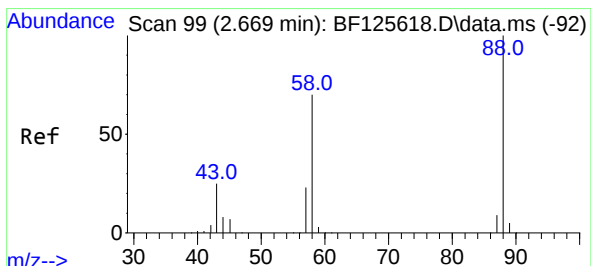
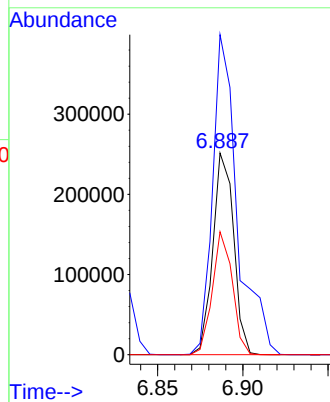
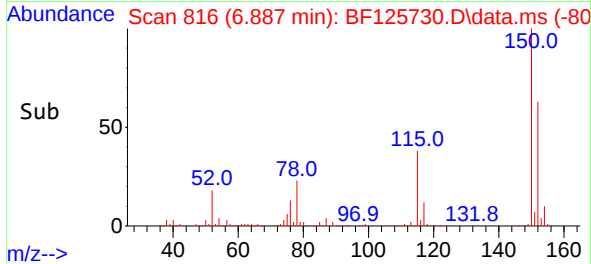




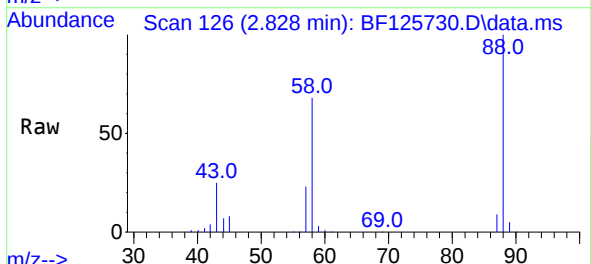
#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.887 min Scan# 816  
Delta R.T. -0.005 min  
Lab File: BF125730.D  
Acq: 30 Sep 2021 13:28



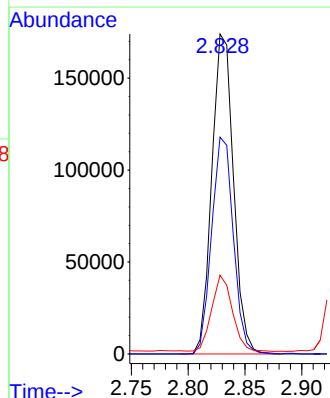
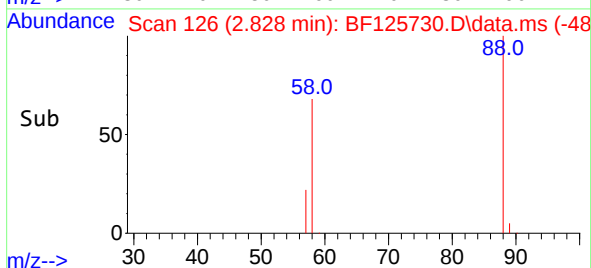
Tgt Ion:152 Resp: 214025  
Ion Ratio Lower Upper  
152 100  
150 158.7 117.6 176.4  
115 61.0 47.1 70.7



#2  
1,4-Dioxane  
Concen: 41.687 ng  
RT: 2.828 min Scan# 126  
Delta R.T. 0.159 min  
Lab File: BF125730.D  
Acq: 30 Sep 2021 13:28



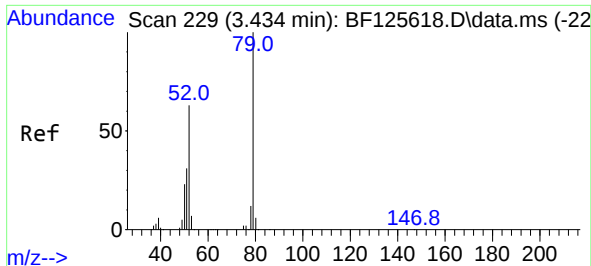
Tgt Ion: 88 Resp: 230468  
Ion Ratio Lower Upper  
88 100  
58 68.0 0.0 0.0#  
43 0.0 0.0 0.0



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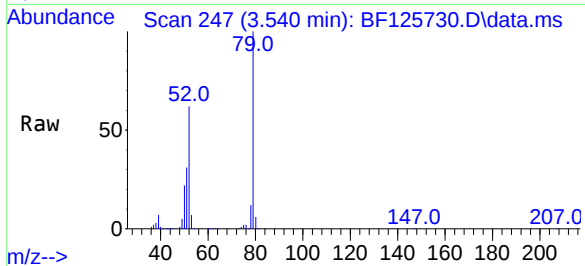
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#3  
Pyridine  
Concen: 29.463 ng  
RT: 3.540 min Scan# 247  
Delta R.T. 0.106 min  
Lab File: BF125730.D  
Acq: 30 Sep 2021 13:28

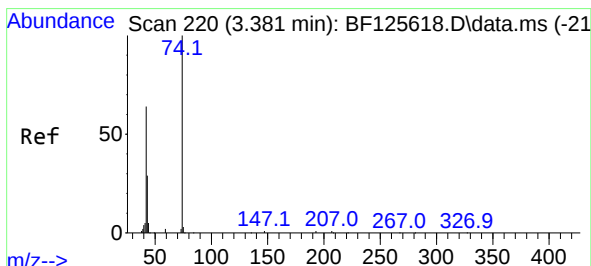
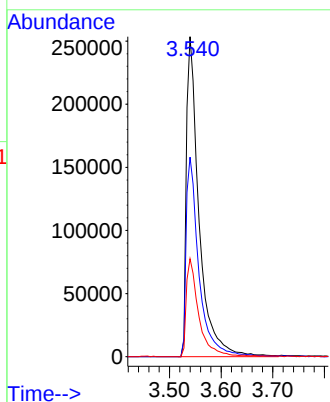
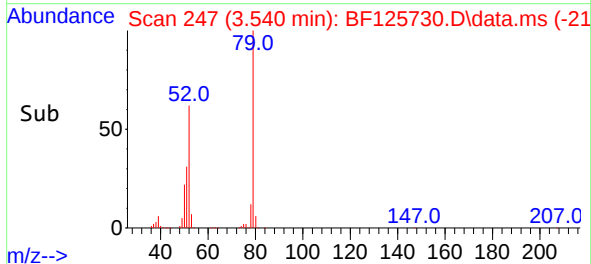
Instrument :  
BNA\_F  
ClientSampleId :  
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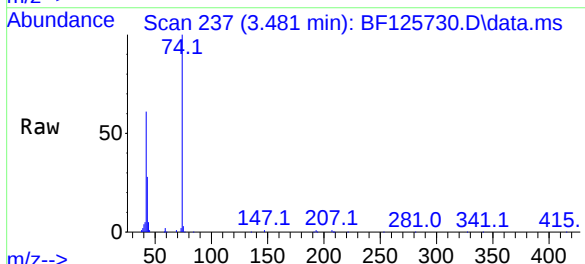
Tgt Ion: 79 Resp: 430838  
Ion Ratio Lower Upper  
79 100  
52 62.4 70.3 105.5#  
51 30.6 44.1 66.1#

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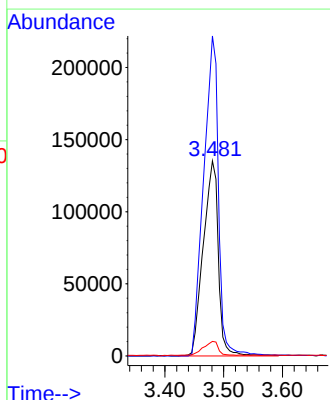
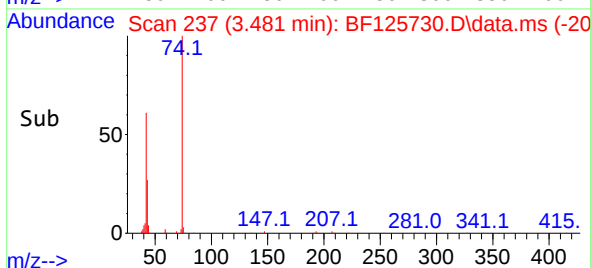
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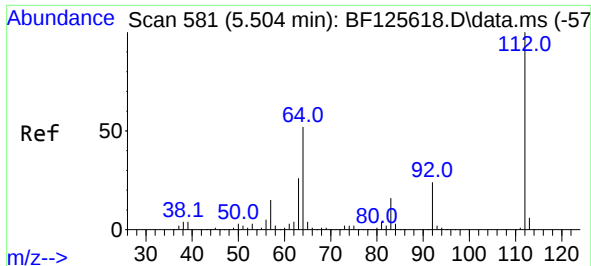


#4  
n-Nitrosodimethylamine  
Concen: 44.317 ng  
RT: 3.481 min Scan# 237  
Delta R.T. 0.100 min  
Lab File: BF125730.D  
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Tgt Ion: 42 Resp: 240455  
Ion Ratio Lower Upper  
42 100  
74 164.0 59.0 88.6#  
44 7.5 0.0 0.0#





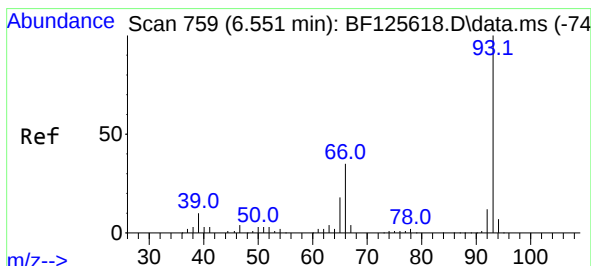
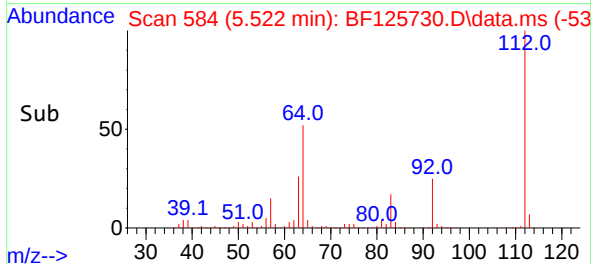
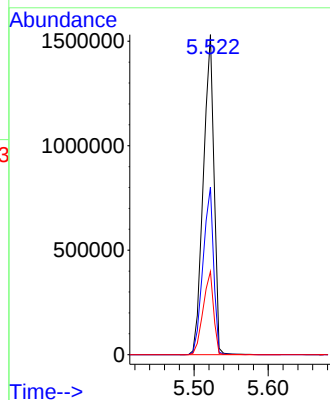
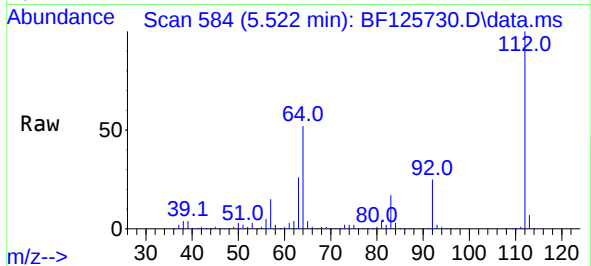
#5  
2-Fluorophenol  
Concen: 118.324 ng  
RT: 5.522 min Scan# 584  
Delta R.T. 0.018 min  
Lab File: BF125730.D  
Acq: 30 Sep 2021 13:28

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Tgt Ion:112 Resp: 1537075  
Ion Ratio Lower Upper  
112 100  
64 52.4 44.2 66.2  
63 26.0 26.2 39.2#

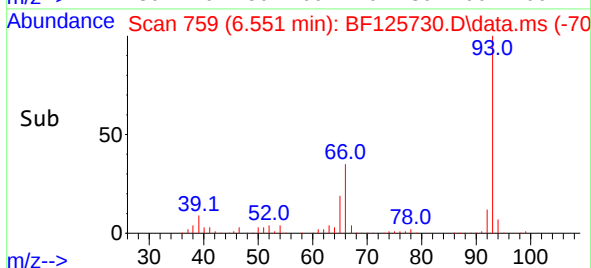
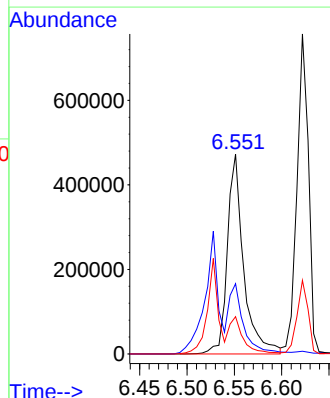
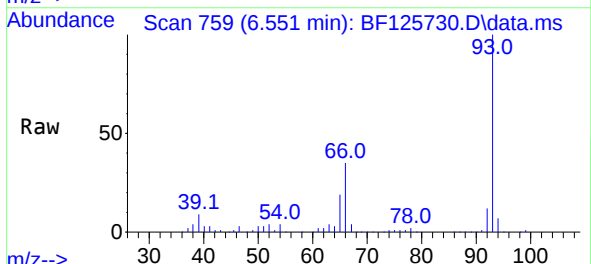
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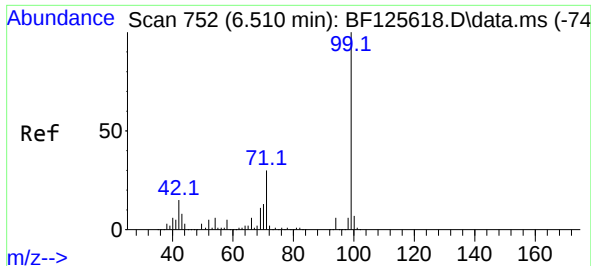
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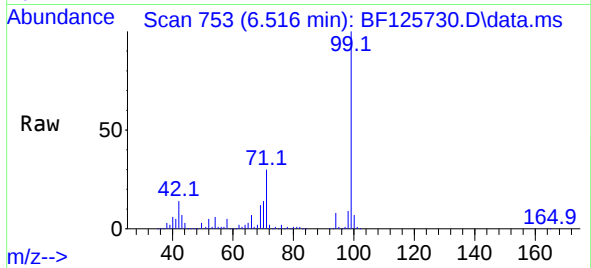
#6  
Aniline  
Concen: 28.230 ng  
RT: 6.551 min Scan# 759  
Delta R.T. 0.000 min  
Lab File: BF125730.D  
Acq: 30 Sep 2021 13:28

Tgt Ion: 93 Resp: 569267  
Ion Ratio Lower Upper  
93 100  
66 35.2 32.7 49.1  
65 18.6 14.2 21.4

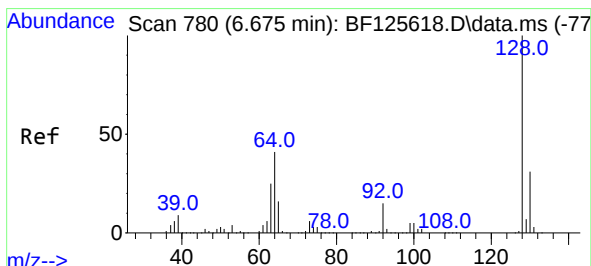
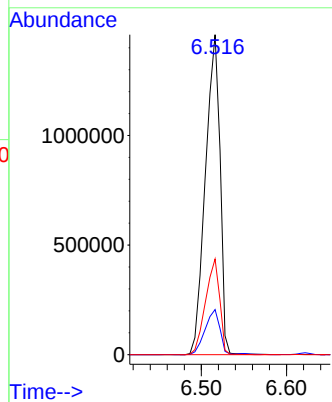
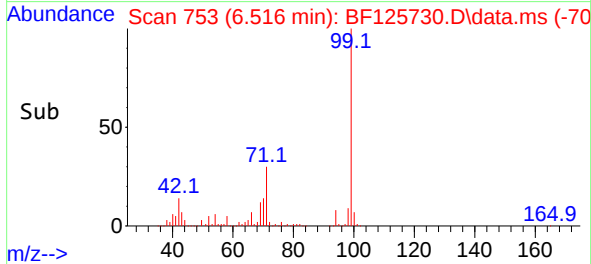




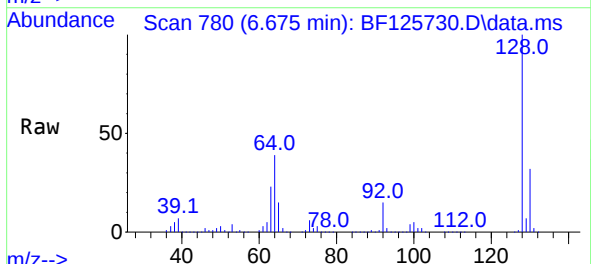
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Phenol-d6  
Concen: 99.827 ng  
RT: 6.516 min Scan# 753  
Delta R.T. 0.006 min  
Lab File: BF125730.D  
Acq: 30 Sep 2021 13:28



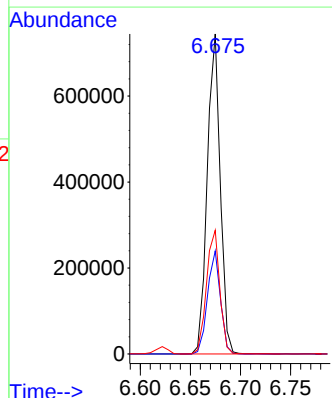
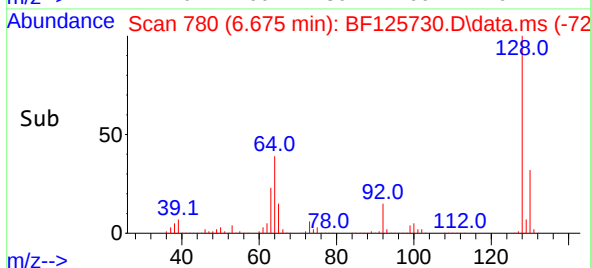
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Ion Ratio Lower Upper  
99 100  
42 14.1 23.5 35.3#  
71 29.9 25.6 38.4



#8  
2-Chlorophenol  
Concen: 45.772 ng  
RT: 6.675 min Scan# 780  
Delta R.T. -0.000 min  
Lab File: BF125730.D  
Acq: 30 Sep 2021 13:28



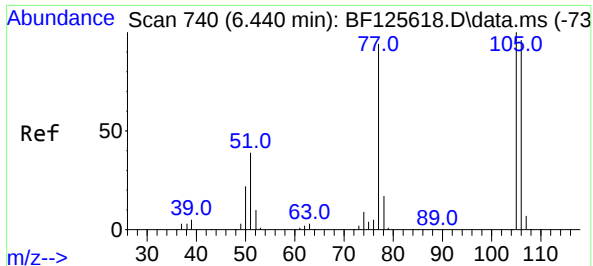
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Ion Ratio Lower Upper  
128 100  
130 32.2 10.5 50.5  
64 38.7 20.3 60.3



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ClientSampleId :  
WC-20210924MS

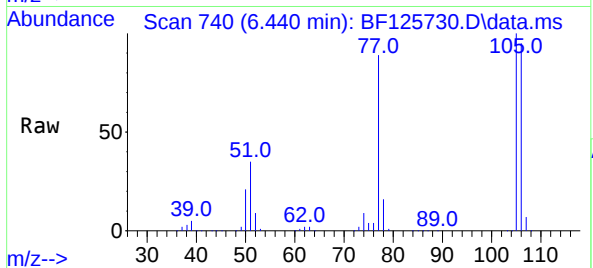
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#9  
Benzaldehyde  
Concen: 29.447 ng  
RT: 6.440 min Scan# 740  
Delta R.T. -0.000 min  
Lab File: BF125730.D  
Acq: 30 Sep 2021 13:28

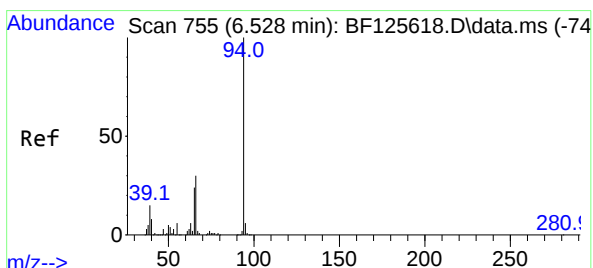
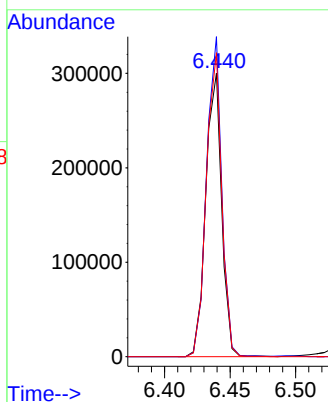
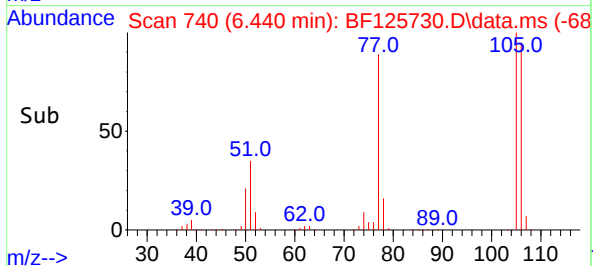
Instrument :  
BNA\_F  
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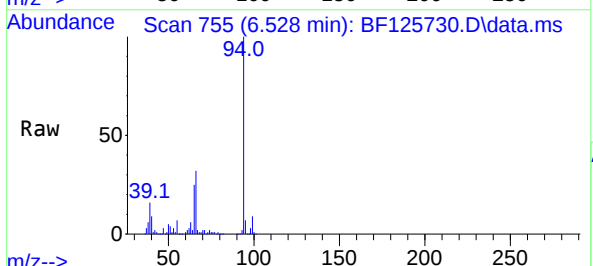
Tgt Ion: 77 Resp: 253300  
Ion Ratio Lower Upper  
77 100  
105 112.9 75.9 115.9  
106 107.2 84.0 124.0

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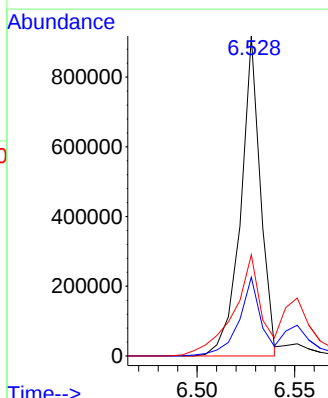
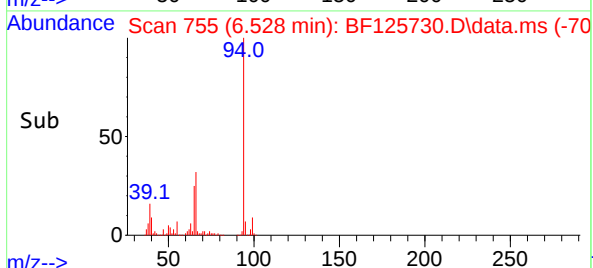
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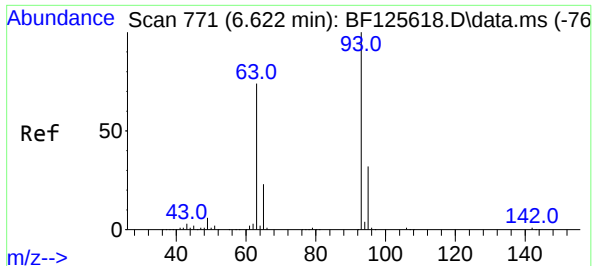


#10  
Phenol  
Concen: 36.633 ng m  
RT: 6.528 min Scan# 755  
Delta R.T. -0.000 min  
Lab File: BF125730.D  
Acq: 30 Sep 2021 13:28



Tgt Ion: 94 Resp: 646714  
Ion Ratio Lower Upper  
94 100  
65 24.6 9.3 49.3  
66 31.6 20.3 60.3





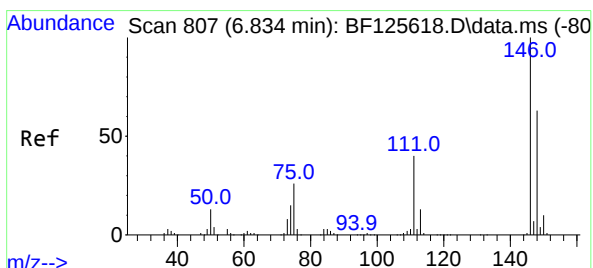
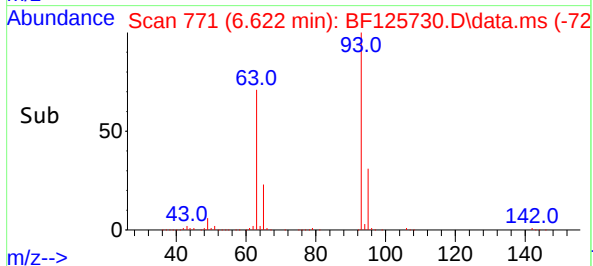
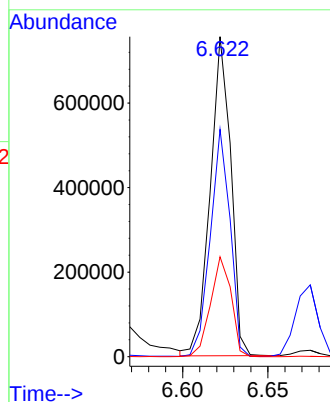
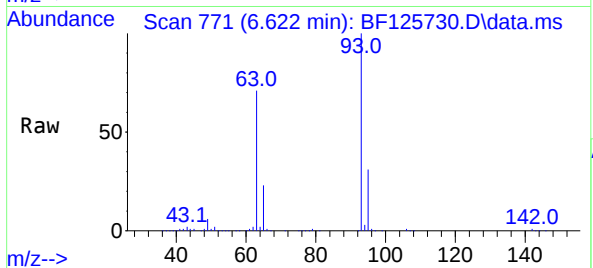
#11  
bis(2-Chloroethyl)ether  
Concen: 46.108 ng  
RT: 6.622 min Scan# 771  
Delta R.T. -0.000 min  
Lab File: BF125730.D  
Acq: 30 Sep 2021 13:28

Tgt Ion: 93 Resp: 632570  
Ion Ratio Lower Upper  
93 100  
63 71.1 54.4 94.4  
95 31.2 11.4 51.4

Instrument :  
BNA\_F  
ClientSampleId :  
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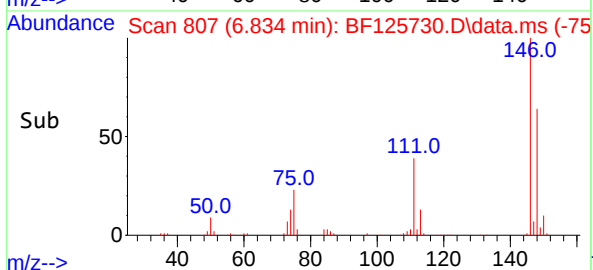
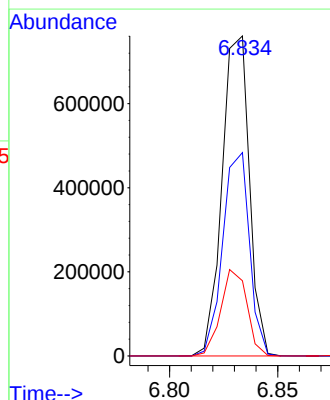
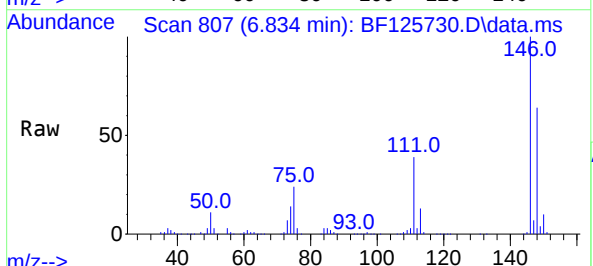
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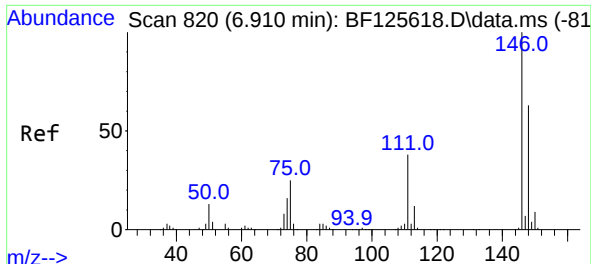
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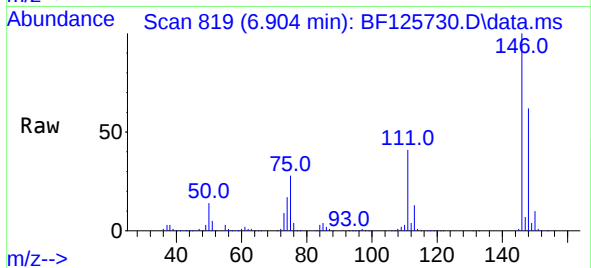
#12  
1,3-Dichlorobenzene  
Concen: 41.115 ng m  
RT: 6.834 min Scan# 807  
Delta R.T. -0.000 min  
Lab File: BF125730.D  
Acq: 30 Sep 2021 13:28

Tgt Ion: 146 Resp: 668974  
Ion Ratio Lower Upper  
146 100  
148 63.5 49.7 74.5  
75 23.5 25.2 37.8#

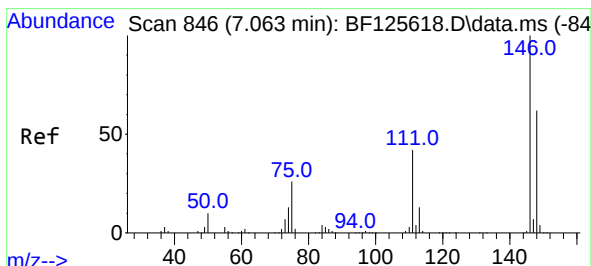
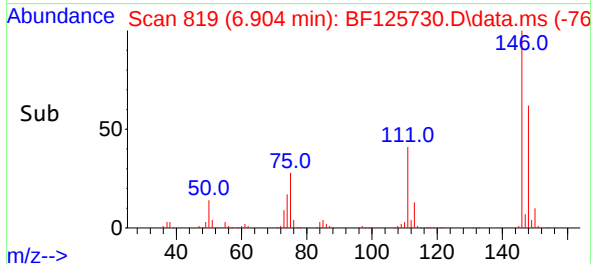
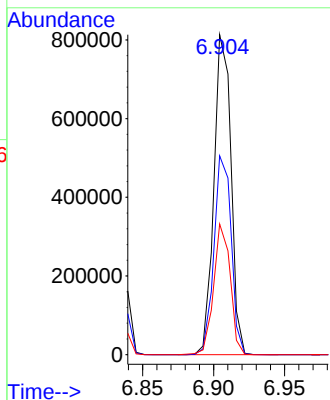




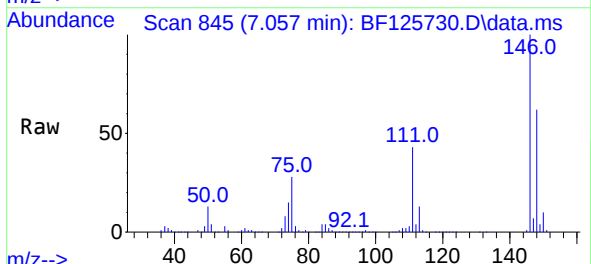
#13  
1,4-Dichlorobenzene  
Concen: 41.015 ng  
RT: 6.904 min Scan# 819  
Delta R.T. -0.006 min  
Lab File: BF125730.D  
Acq: 30 Sep 2021 13:28



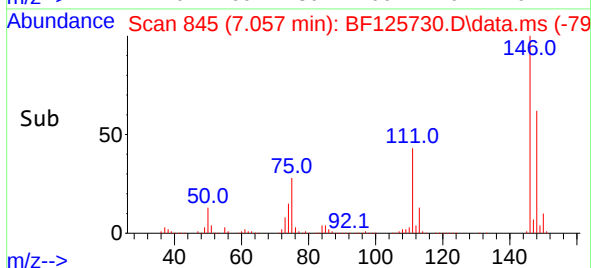
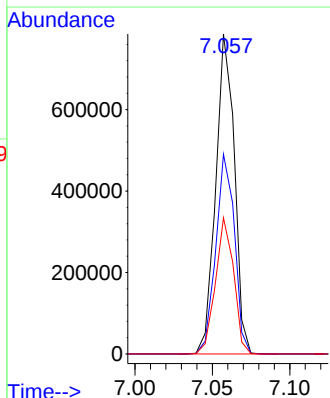
Tgt Ion:146 Resp: 678966  
Ion Ratio Lower Upper  
146 100  
148 62.1 51.9 77.9  
111 40.8 31.8 47.6



#14  
1,2-Dichlorobenzene  
Concen: 42.050 ng  
RT: 7.057 min Scan# 845  
Delta R.T. -0.006 min  
Lab File: BF125730.D  
Acq: 30 Sep 2021 13:28



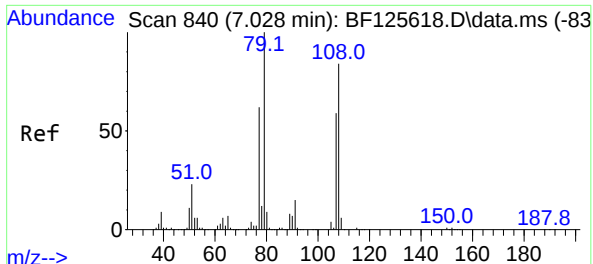
Tgt Ion:146 Resp: 656763  
Ion Ratio Lower Upper  
146 100  
148 62.4 50.6 75.8  
111 42.5 33.5 50.3



Instrument :  
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ClientSampleId :  
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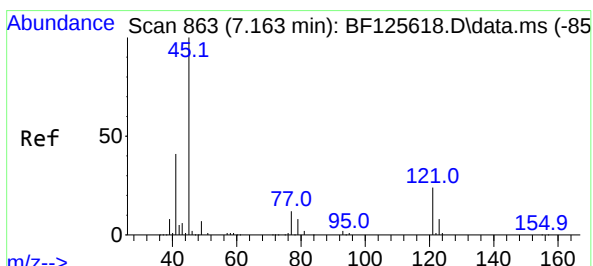
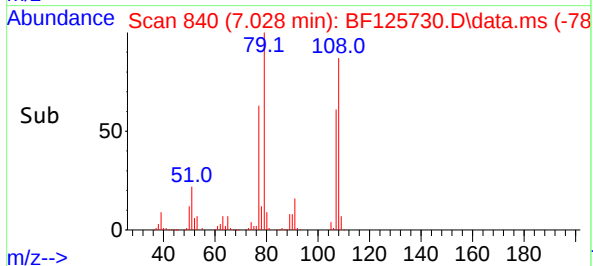
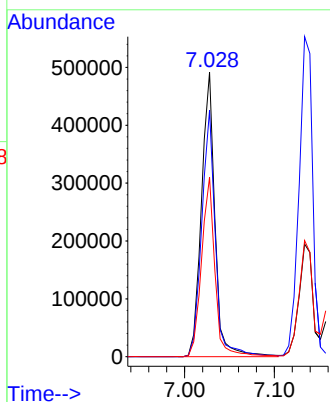
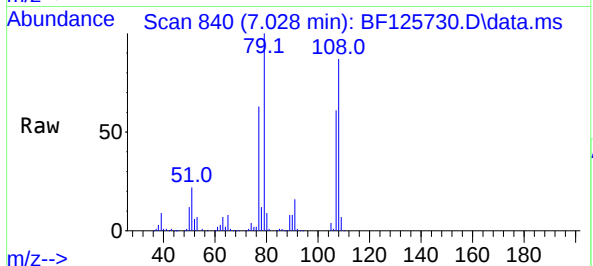
#15  
Benzyl Alcohol  
Concen: 42.478 ng  
RT: 7.028 min Scan# 840  
Delta R.T. -0.000 min  
Lab File: BF125730.D  
Acq: 30 Sep 2021 13:28

Instrument :  
BNA\_F  
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Tgt Ion: 79 Resp: 514589  
Ion Ratio Lower Upper  
79 100  
108 86.6 60.4 90.6  
77 63.1 51.5 77.3

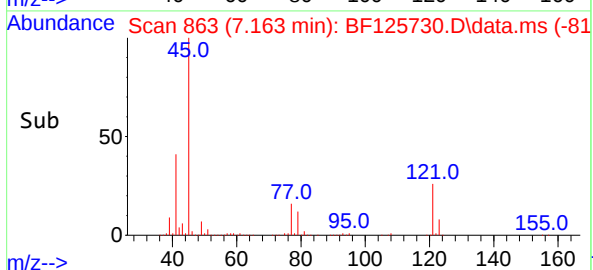
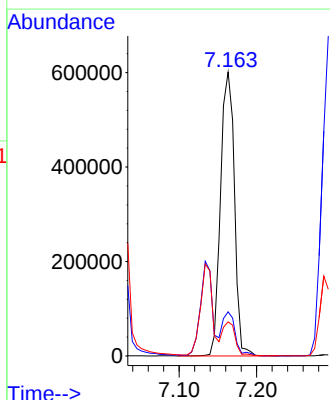
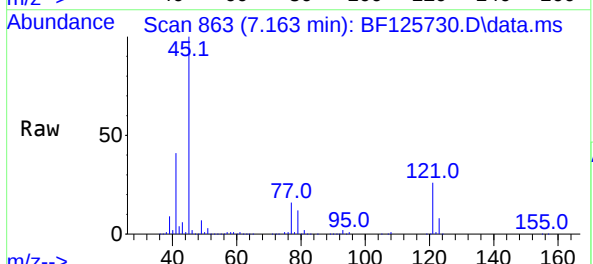
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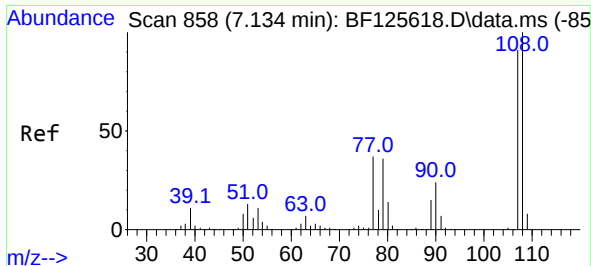
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#16  
2,2'-oxybis(1-chloropropane)  
Concen: 42.928 ng  
RT: 7.163 min Scan# 863  
Delta R.T. 0.000 min  
Lab File: BF125730.D  
Acq: 30 Sep 2021 13:28

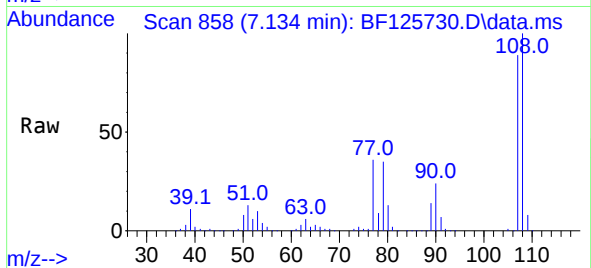
Tgt Ion: 45 Resp: 749663  
Ion Ratio Lower Upper  
45 100  
77 15.6 0.0 30.6  
79 12.0 0.0 27.5





#17  
2-Methylphenol  
Concen: 42.799 ng  
RT: 7.134 min Scan# 858  
Delta R.T. -0.000 min  
Lab File: BF125730.D  
Acq: 30 Sep 2021 13:28

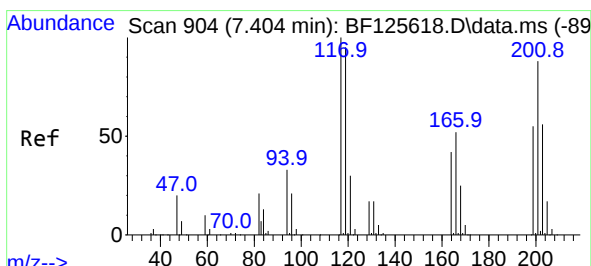
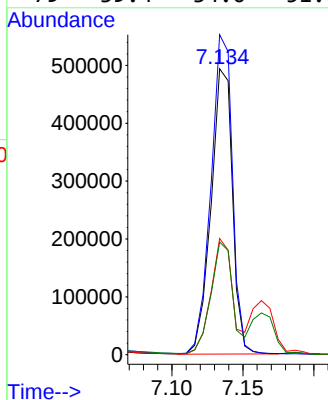
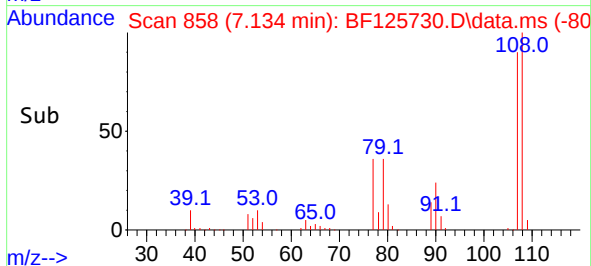
Instrument :  
BNA\_F  
ClientSampleId :  
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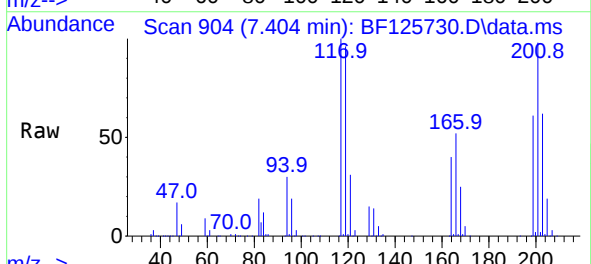
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 111.9 | 90.6  | 135.8 |
| 77      | 40.6  | 35.7  | 53.5  |
| 79      | 39.4  | 34.0  | 51.0  |

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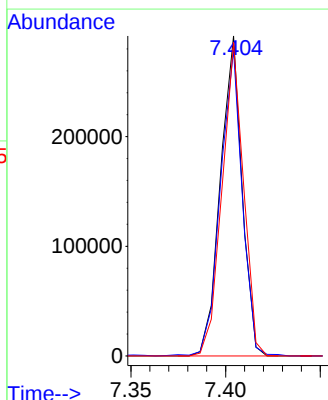
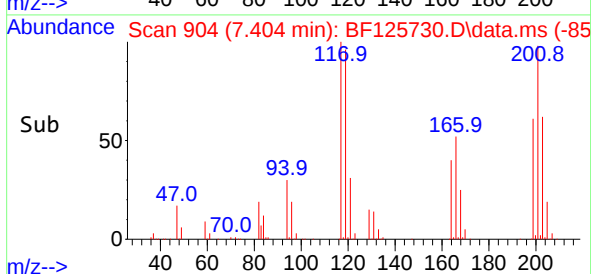
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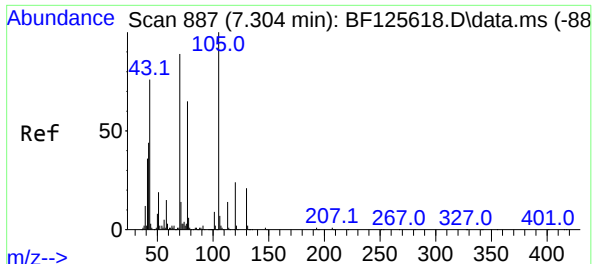


#18  
Hexachloroethane  
Concen: 42.826 ng  
RT: 7.404 min Scan# 904  
Delta R.T. 0.000 min  
Lab File: BF125730.D  
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| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 95.7  | 73.4  | 110.2 |
| 201     | 98.0  | 64.9  | 97.3  |





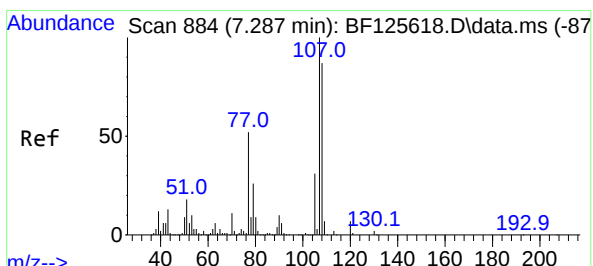
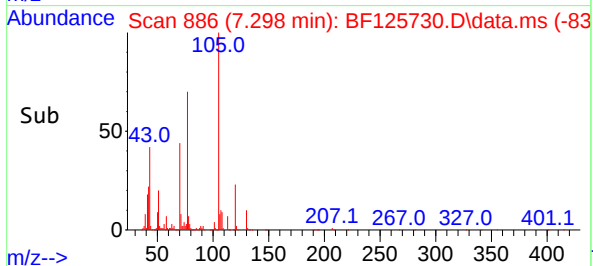
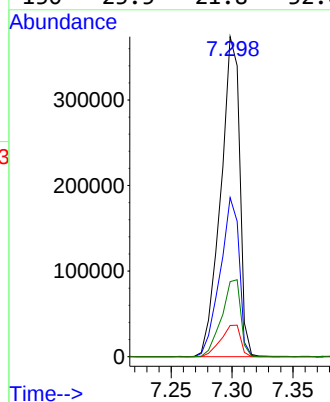
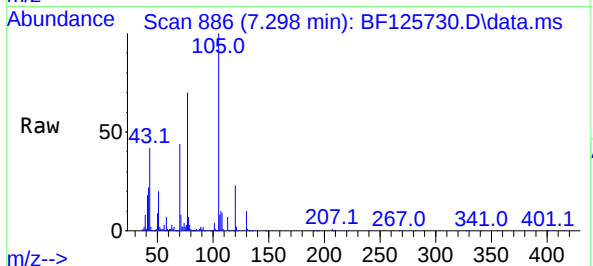
#19  
n-Nitroso-di-n-propylamine  
Concen: 40.759 ng  
RT: 7.298 min Scan# 886  
Delta R.T. -0.006 min  
Lab File: BF125730.D  
Acq: 30 Sep 2021 13:28

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 405295 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 49.7  | 72.2  | 108.2# |
| 101      | 9.7   | 7.8   | 11.8   |
| 130      | 23.5  | 21.8  | 32.6   |

Instrument :  
BNA\_F  
ClientSampleId :  
WC-20210924MS

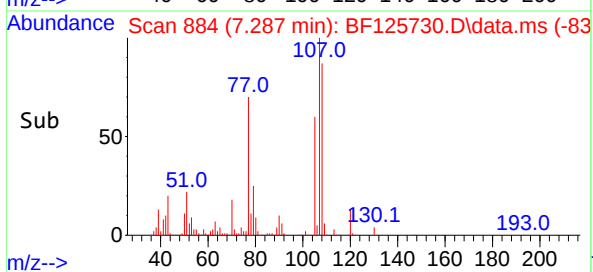
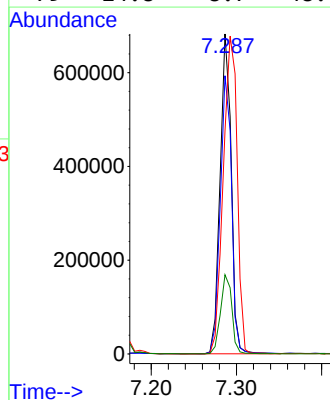
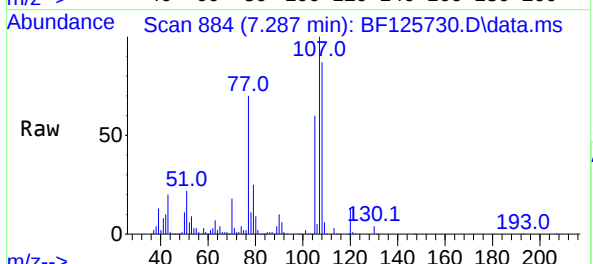
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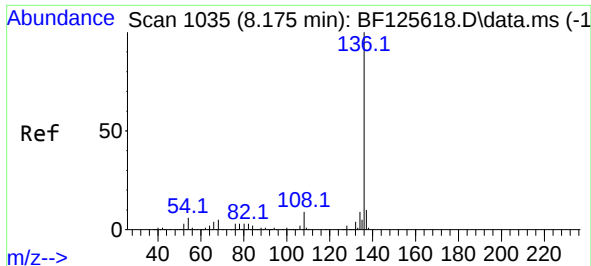
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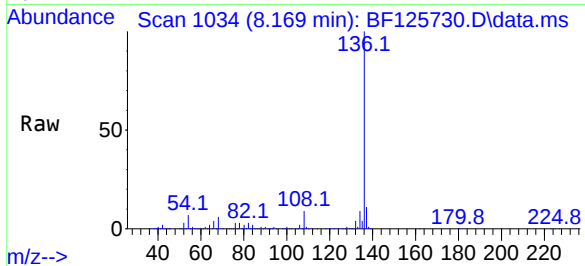
#20  
3+4-Methylphenols  
Concen: 40.712 ng  
RT: 7.287 min Scan# 884  
Delta R.T. -0.000 min  
Lab File: BF125730.D  
Acq: 30 Sep 2021 13:28

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 618472 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 86.9  | 76.6  | 116.6  |
| 77       | 69.7  | 53.3  | 93.3   |
| 79       | 24.8  | 8.7   | 48.7   |

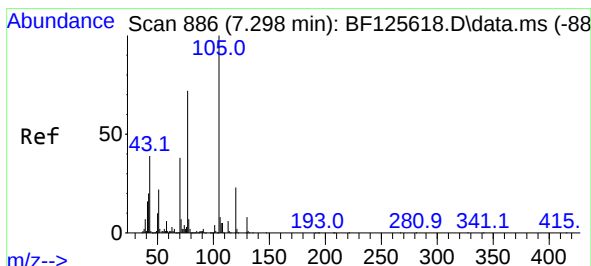
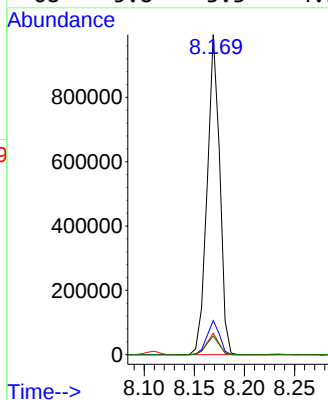
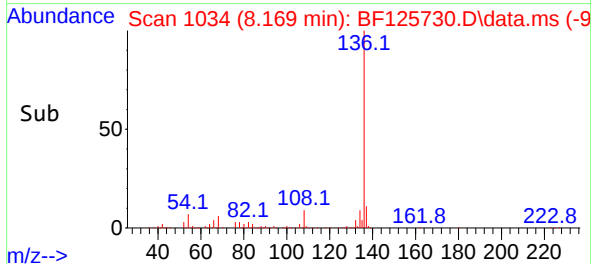




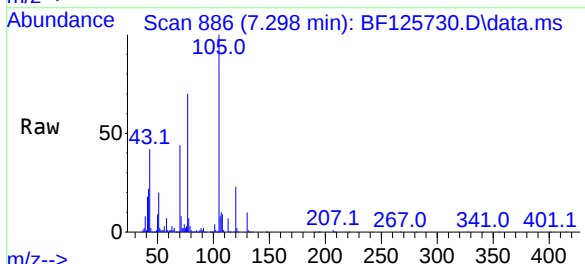
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.169 min Scan# 1034  
Delta R.T. -0.006 min  
Lab File: BF125730.D  
Acq: 30 Sep 2021 13:28



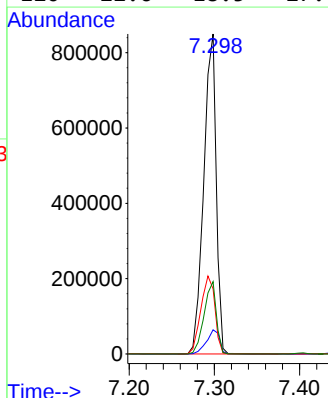
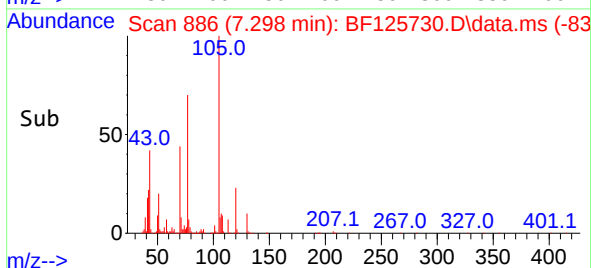
Tgt Ion:136 Resp: 869261  
Ion Ratio Lower Upper  
136 100  
137 10.7 9.8 14.6  
54 6.7 6.4 9.6  
68 5.8 3.3 4.9#



#22  
Acetophenone  
Concen: 43.763 ng  
RT: 7.298 min Scan# 886  
Delta R.T. 0.000 min  
Lab File: BF125730.D  
Acq: 30 Sep 2021 13:28



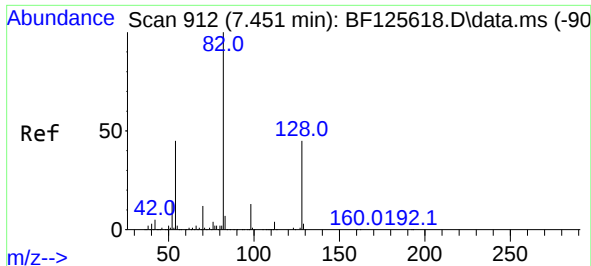
Tgt Ion:105 Resp: 863207  
Ion Ratio Lower Upper  
105 100  
71 7.6 5.5 8.3  
51 20.4 26.0 39.0#  
120 22.6 18.5 27.7



Instrument :  
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ClientSampleId :  
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#23  
Nitrobenzene-d5  
Concen: 98.157 ng  
RT: 7.451 min Scan# 912  
Delta R.T. 0.000 min  
Lab File: BF125730.D  
Acq: 30 Sep 2021 13:28

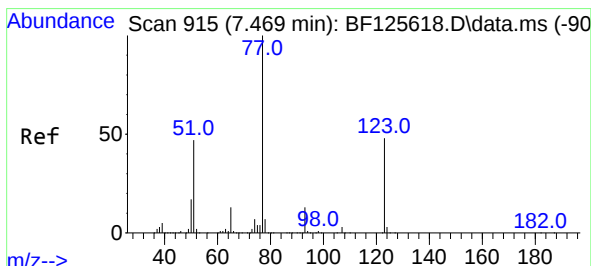
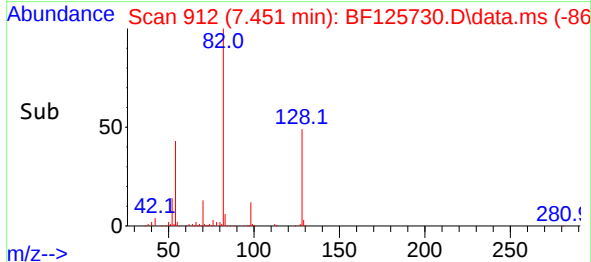
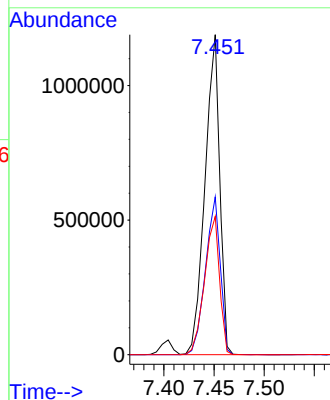
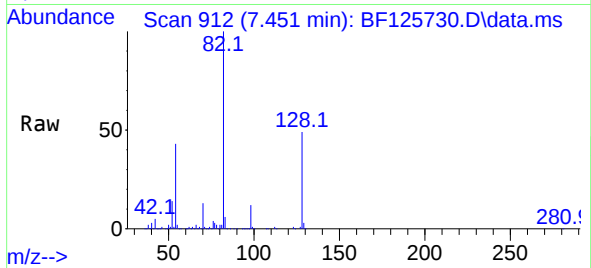
Tgt Ion: 82 Resp: 1223282

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 49.3  | 40.6  | 60.8  |
| 54  | 43.2  | 49.6  | 74.4# |

Instrument :  
BNA\_F  
ClientSampleId :  
WC-20210924MS

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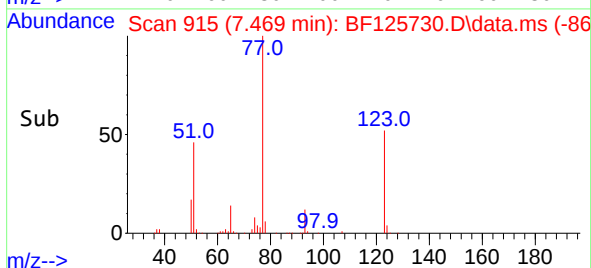
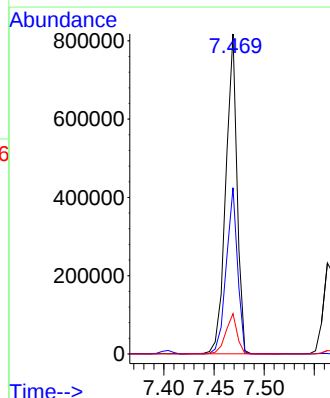
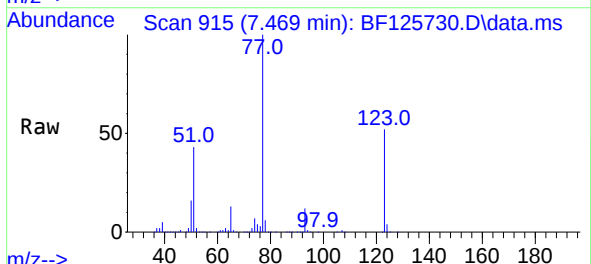
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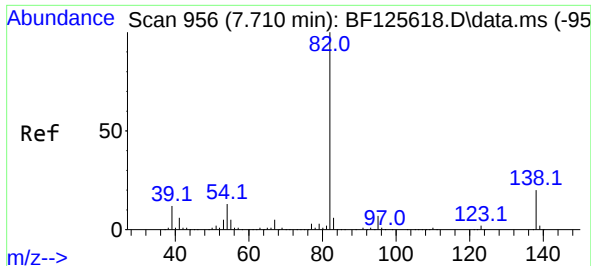


#24  
Nitrobenzene  
Concen: 50.213 ng  
RT: 7.469 min Scan# 915  
Delta R.T. -0.000 min  
Lab File: BF125730.D  
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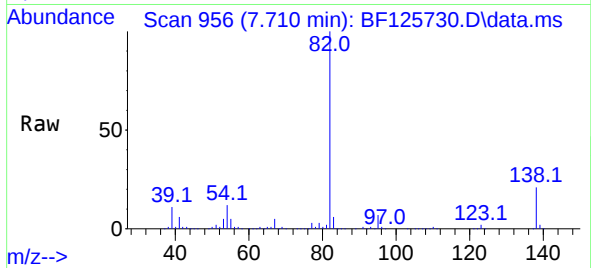
Tgt Ion: 77 Resp: 636554

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 51.9  | 42.3  | 63.5  |
| 65  | 12.6  | 12.4  | 18.6  |

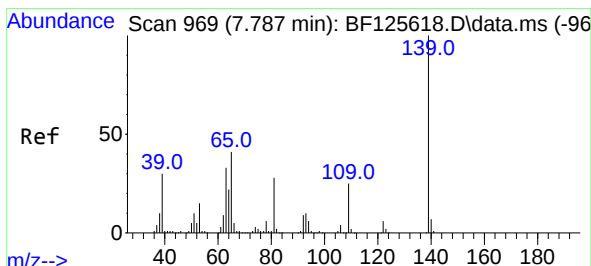
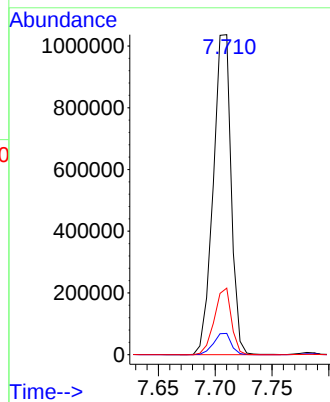
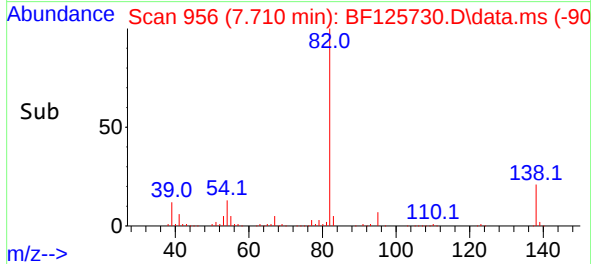




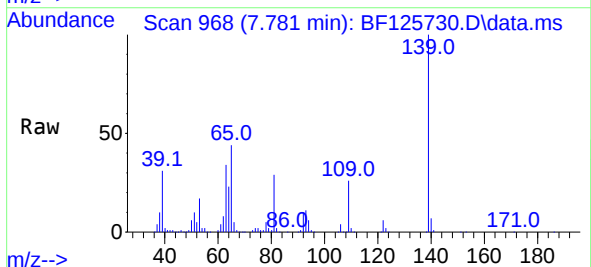
#25  
Isophorone  
Concen: 40.732 ng  
RT: 7.710 min Scan# 956  
Delta R.T. 0.000 min  
Lab File: BF125730.D  
Acq: 30 Sep 2021 13:28



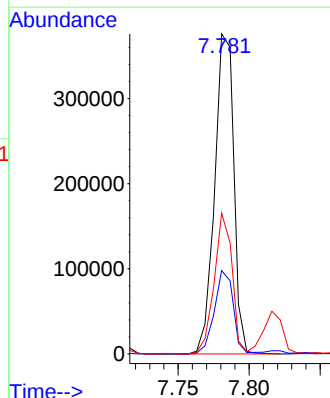
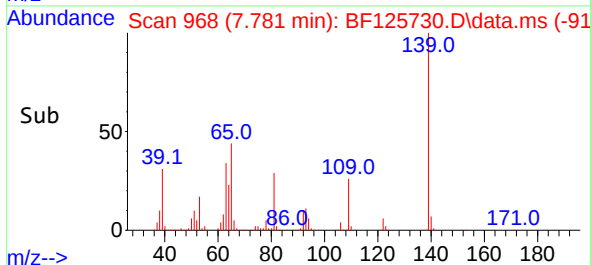
Tgt Ion: 82 Resp: 1136840  
Ion Ratio Lower Upper  
82 100  
95 6.6 6.5 9.7  
138 20.8 18.4 27.6



#26  
2-Nitrophenol  
Concen: 52.353 ng  
RT: 7.781 min Scan# 968  
Delta R.T. -0.006 min  
Lab File: BF125730.D  
Acq: 30 Sep 2021 13:28



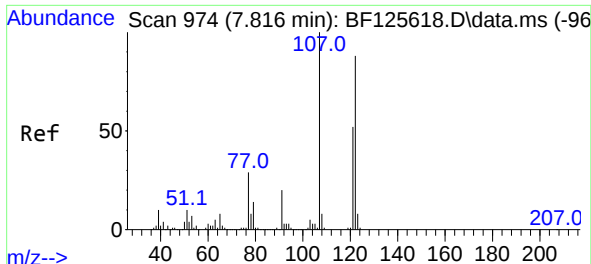
Tgt Ion: 139 Resp: 352113  
Ion Ratio Lower Upper  
139 100  
109 26.1 26.0 39.0  
65 44.1 31.0 46.4



Instrument :  
BNA\_F  
ClientSampleId :  
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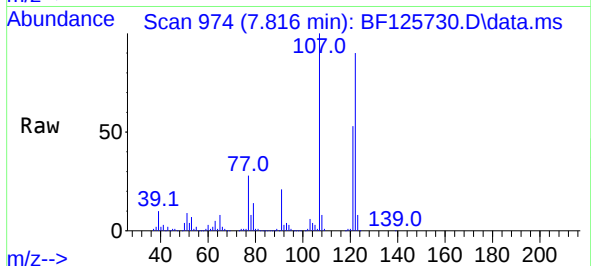
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#27  
2,4-Dimethylphenol  
Concen: 47.202 ng  
RT: 7.816 min Scan# 974  
Delta R.T. -0.000 min  
Lab File: BF125730.D  
Acq: 30 Sep 2021 13:28

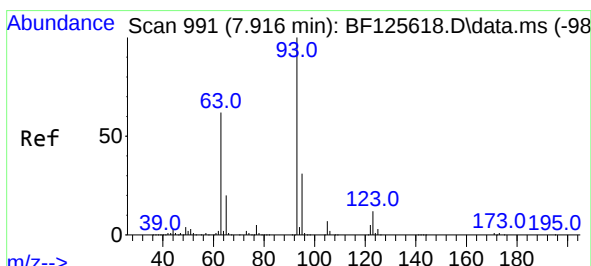
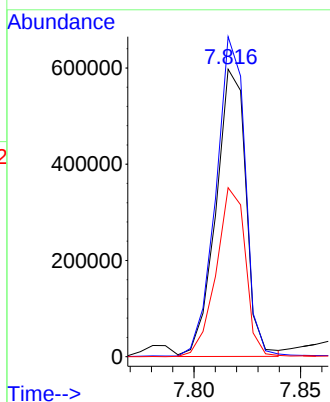
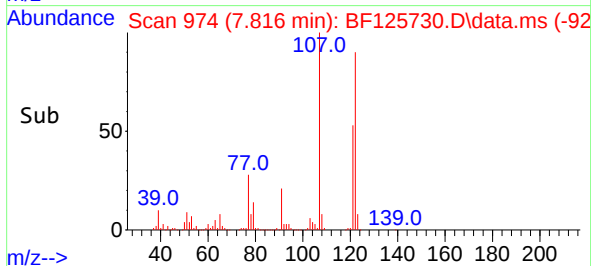
Instrument :  
BNA\_F  
ClientSampleId :  
WC-20210924MS



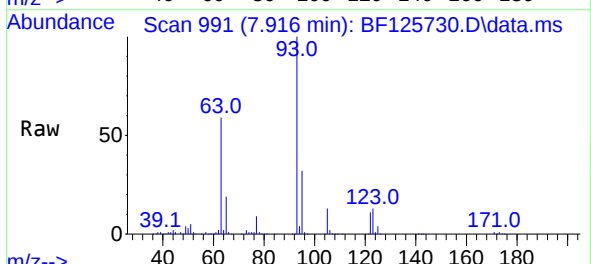
Tgt Ion:122 Resp: 585896  
Ion Ratio Lower Upper  
122 100  
107 111.3 85.0 127.6  
121 58.8 43.3 64.9

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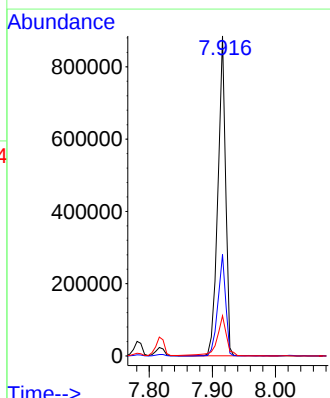
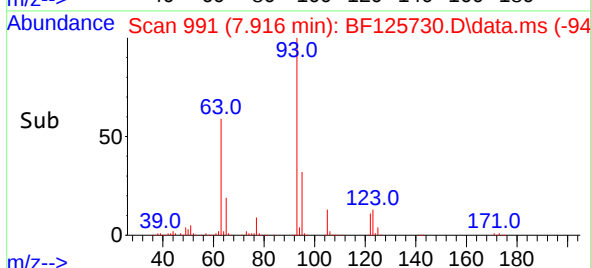
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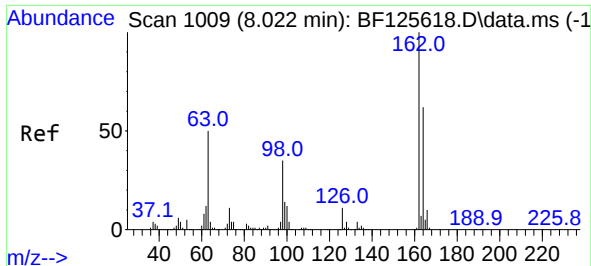


#28  
bis(2-Chloroethoxy)methane  
Concen: 47.788 ng  
RT: 7.916 min Scan# 991  
Delta R.T. -0.000 min  
Lab File: BF125730.D  
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Tgt Ion: 93 Resp: 752300  
Ion Ratio Lower Upper  
93 100  
95 31.7 26.1 39.1  
123 12.5 11.7 17.5





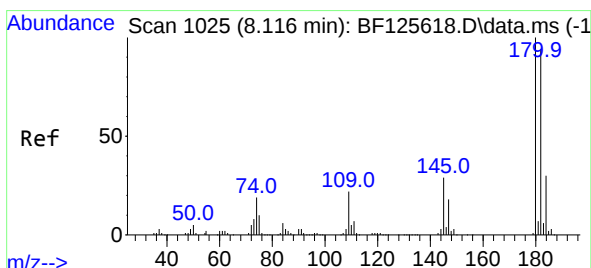
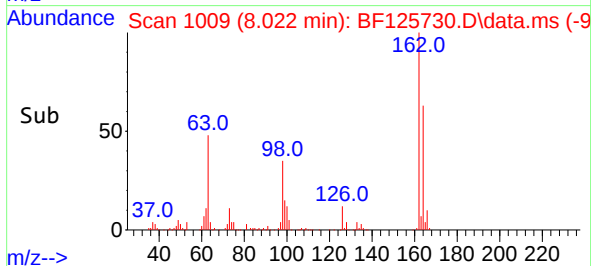
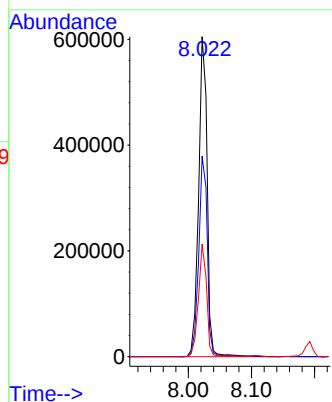
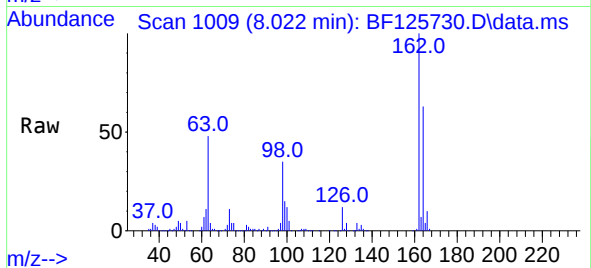
#29  
2,4-Dichlorophenol  
Concen: 45.827 ng  
RT: 8.022 min Scan# 1009  
Delta R.T. -0.000 min  
Lab File: BF125730.D  
Acq: 30 Sep 2021 13:28

Tgt Ion:162 Resp: 565057  
Ion Ratio Lower Upper  
162 100  
164 62.6 44.5 84.5  
98 35.2 13.0 53.0

Instrument :  
BNA\_F  
ClientSampleId :  
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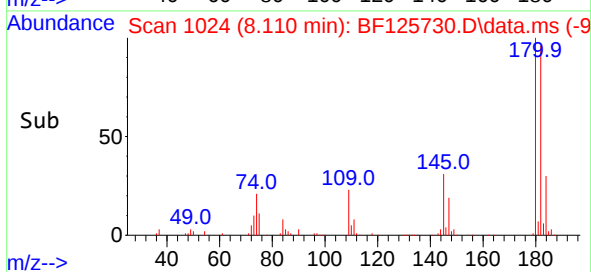
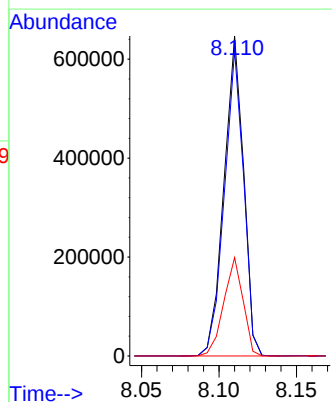
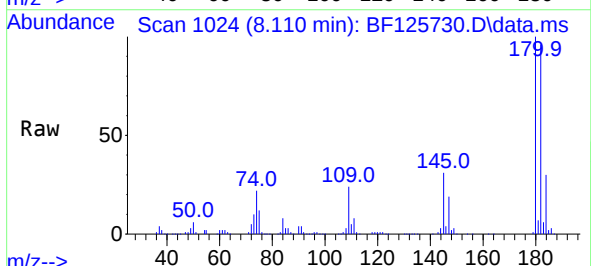
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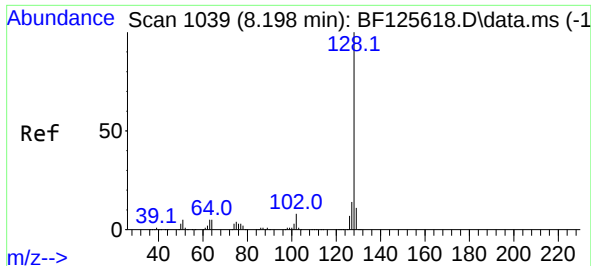
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#30  
1,2,4-Trichlorobenzene  
Concen: 42.257 ng  
RT: 8.110 min Scan# 1024  
Delta R.T. -0.006 min  
Lab File: BF125730.D  
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Tgt Ion:180 Resp: 567188  
Ion Ratio Lower Upper  
180 100  
182 95.6 76.8 115.2  
145 30.7 26.7 40.1





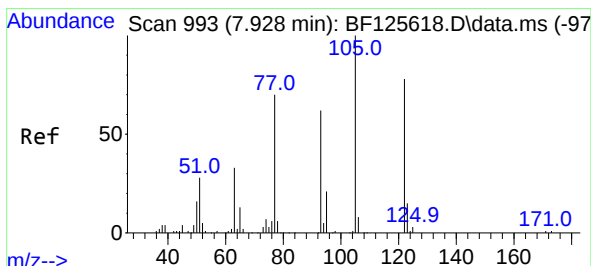
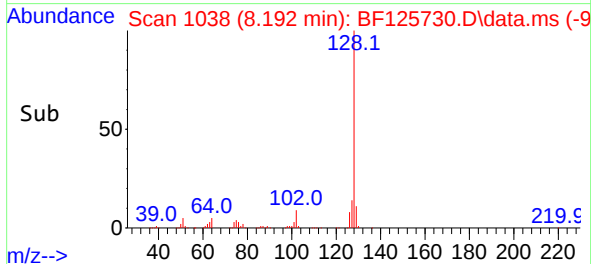
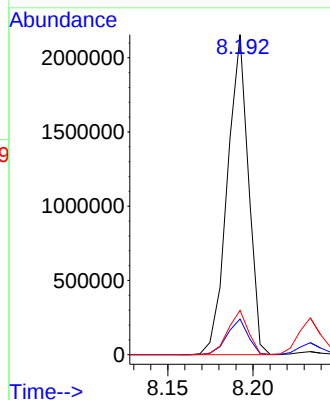
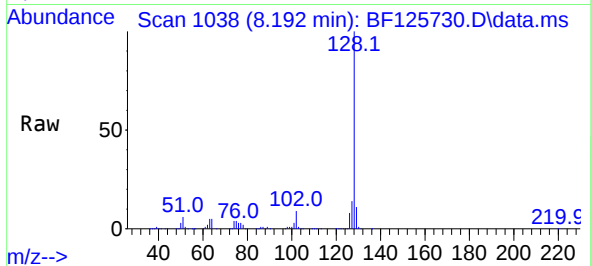
#31  
Naphthalene  
Concen: 41.440 ng  
RT: 8.192 min Scan# 1038  
Delta R.T. -0.006 min  
Lab File: BF125730.D  
Acq: 30 Sep 2021 13:28

Tgt Ion:128 Resp: 1849601  
Ion Ratio Lower Upper  
128 100  
129 11.1 9.4 14.0  
127 13.8 10.9 16.3

Instrument :  
BNA\_F  
ClientSampleId :  
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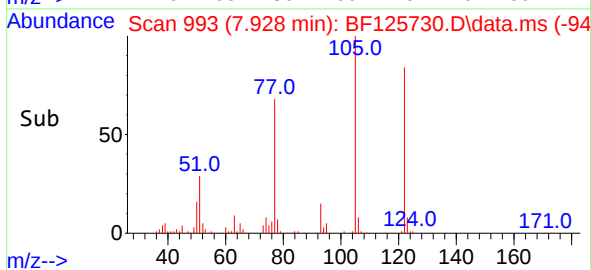
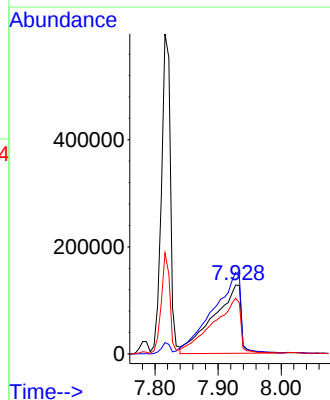
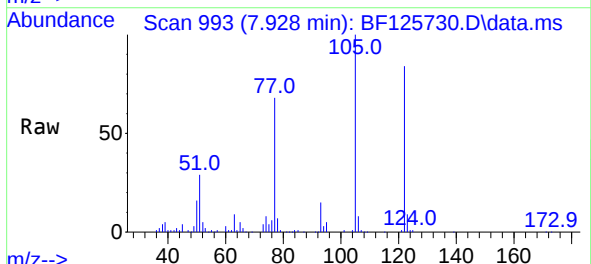
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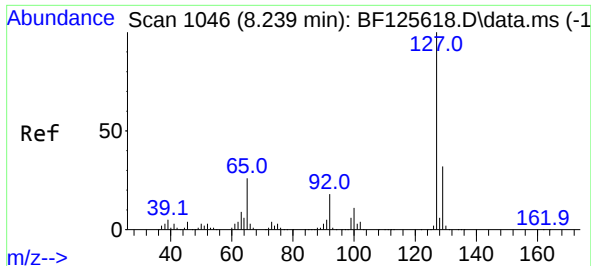
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#32  
Benzoic acid  
Concen: 44.060 ng  
RT: 7.928 min Scan# 993  
Delta R.T. -0.000 min  
Lab File: BF125730.D  
Acq: 30 Sep 2021 13:28

Tgt Ion:122 Resp: 392936  
Ion Ratio Lower Upper  
122 100  
105 118.4 97.6 137.6  
77 81.1 59.6 99.6





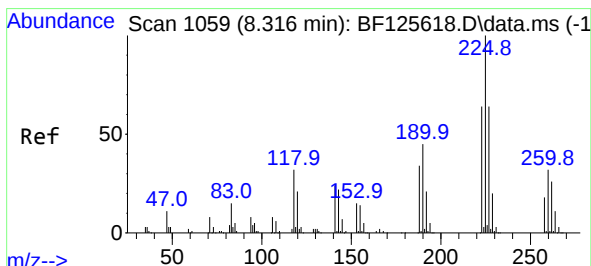
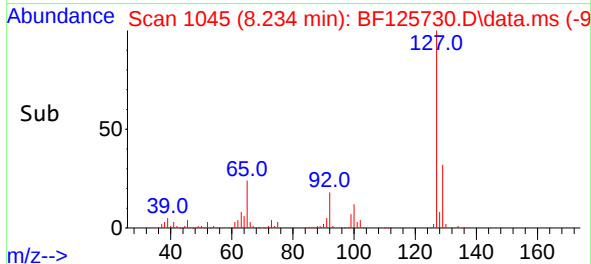
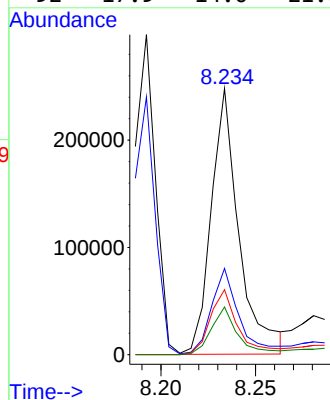
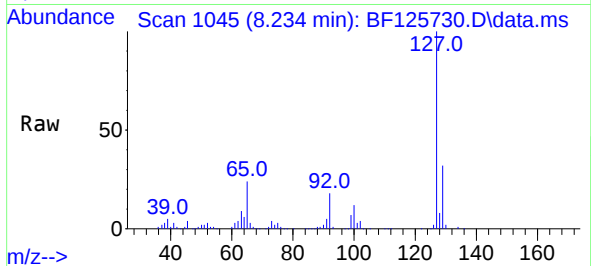
#33  
4-Chloroaniline  
Concen: 13.513 ng  
RT: 8.234 min Scan# 1045  
Delta R.T. -0.005 min  
Lab File: BF125730.D  
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BNA\_F  
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|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 252988 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.4  | 25.7  | 38.5   |
| 65       | 24.4  | 21.2  | 31.8   |
| 92       | 17.9  | 14.0  | 21.0   |

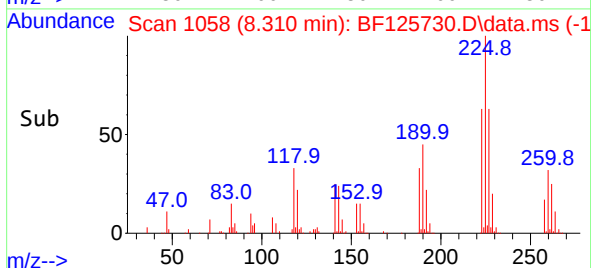
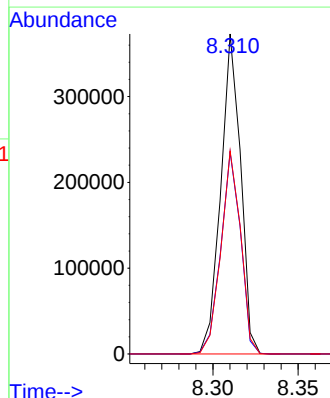
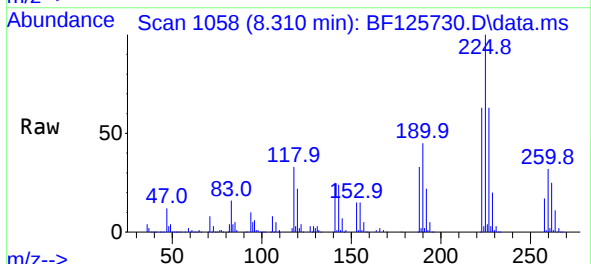
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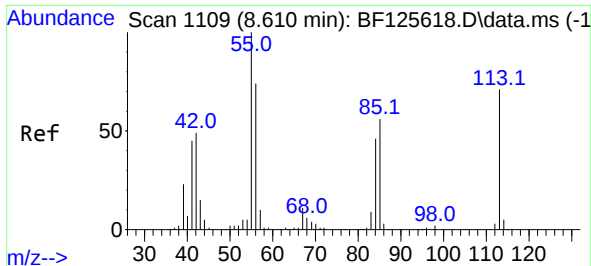
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#34  
Hexachlorobutadiene  
Concen: 40.763 ng  
RT: 8.310 min Scan# 1058  
Delta R.T. -0.006 min  
Lab File: BF125730.D  
Acq: 30 Sep 2021 13:28

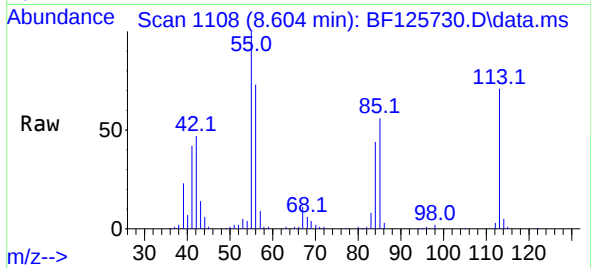
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 301685 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.1  | 50.6  | 76.0   |
| 227      | 63.5  | 50.6  | 75.8   |





#35  
Caprolactam  
Concen: 37.868 ng m  
RT: 8.604 min Scan# 1108  
Delta R.T. -0.006 min  
Lab File: BF125730.D  
Acq: 30 Sep 2021 13:28

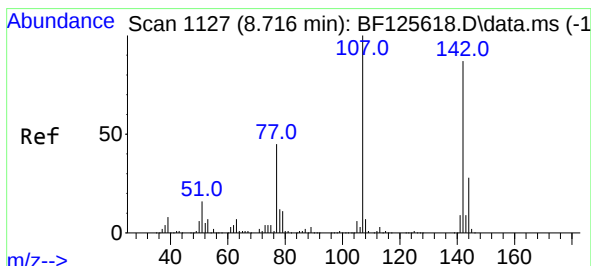
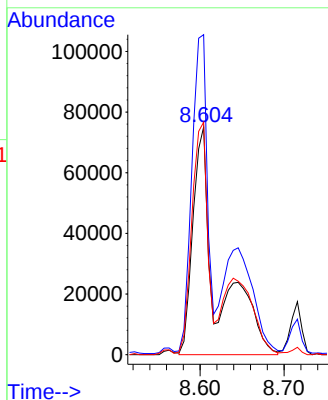
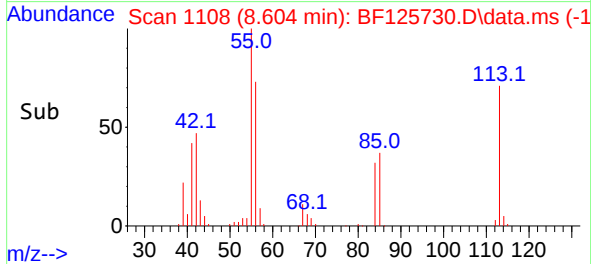
Instrument :  
BNA\_F  
ClientSampleId :  
WC-20210924MS



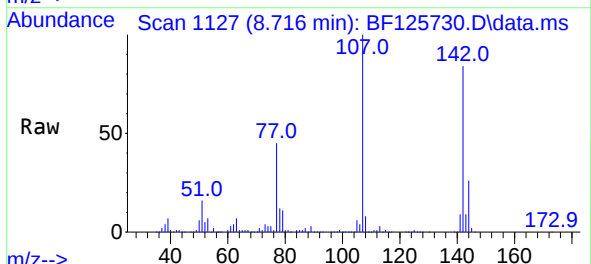
Tgt Ion:113 Resp: 152369  
Ion Ratio Lower Upper  
113 100  
55 140.6 154.1 194.1#  
56 102.1 108.7 148.7#

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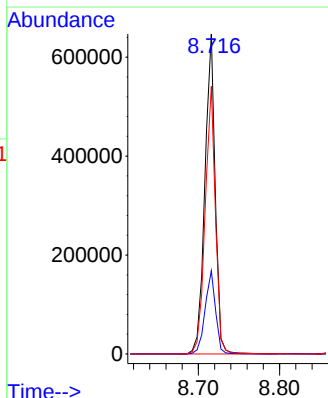
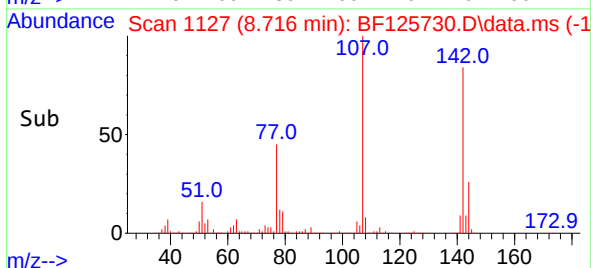
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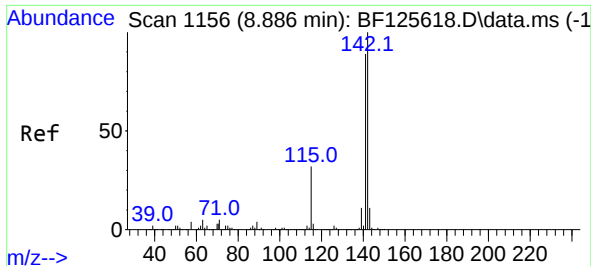


#36  
4-Chloro-3-methylphenol  
Concen: 44.271 ng  
RT: 8.716 min Scan# 1127  
Delta R.T. -0.000 min  
Lab File: BF125730.D  
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Tgt Ion:107 Resp: 571994  
Ion Ratio Lower Upper  
107 100  
144 26.0 21.9 32.9  
142 83.6 67.1 100.7





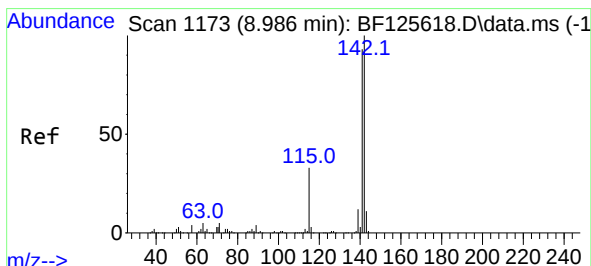
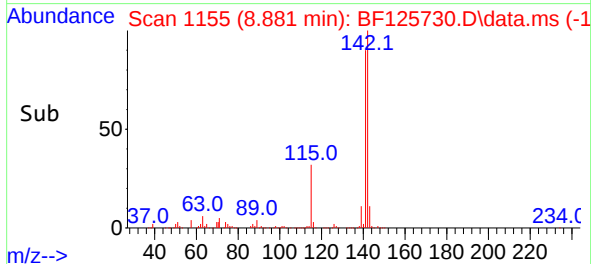
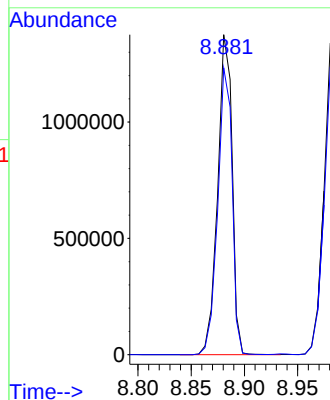
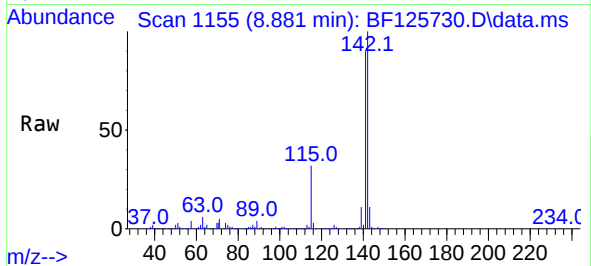
#37  
2-Methylnaphthalene  
Concen: 42.606 ng  
RT: 8.881 min Scan# 1155  
Delta R.T. -0.005 min  
Lab File: BF125730.D  
Acq: 30 Sep 2021 13:28

Tgt Ion:142 Resp: 1289731  
Ion Ratio Lower Upper  
142 100  
141 89.6 71.2 106.8

Instrument :  
BNA\_F  
ClientSampleId :  
WC-20210924MS

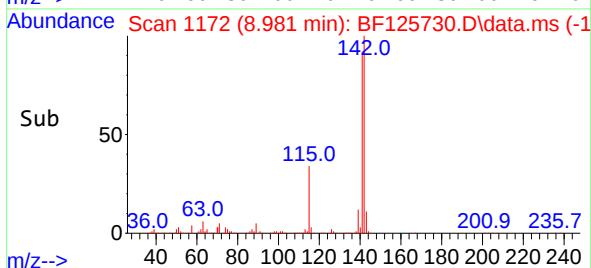
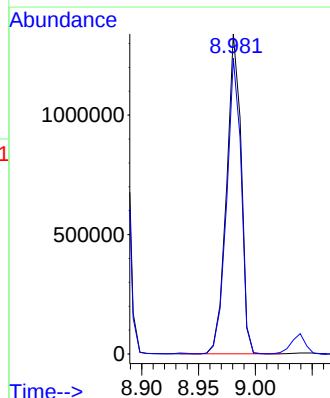
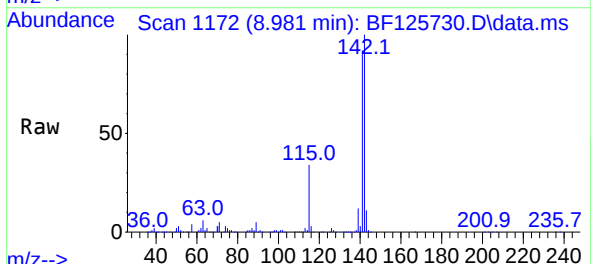
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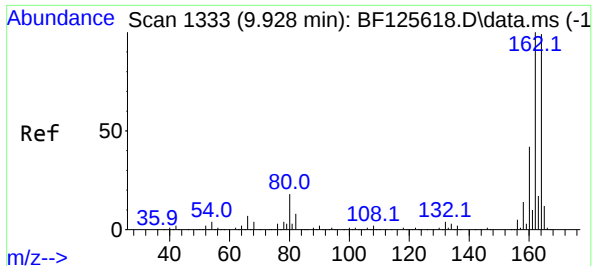
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#38  
1-Methylnaphthalene  
Concen: 41.904 ng  
RT: 8.981 min Scan# 1172  
Delta R.T. -0.005 min  
Lab File: BF125730.D  
Acq: 30 Sep 2021 13:28

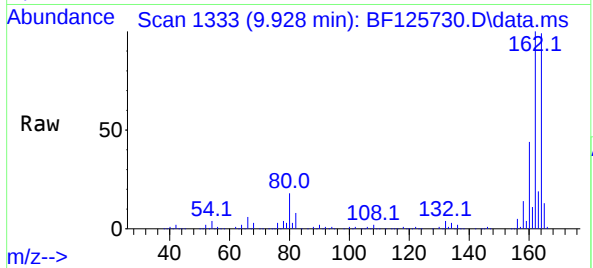
Tgt Ion:142 Resp: 1198792  
Ion Ratio Lower Upper  
142 100  
141 92.4 76.0 114.0





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.928 min Scan# 1333  
Delta R.T. -0.000 min  
Lab File: BF125730.D  
Acq: 30 Sep 2021 13:28

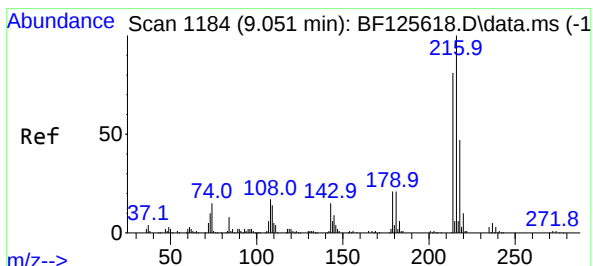
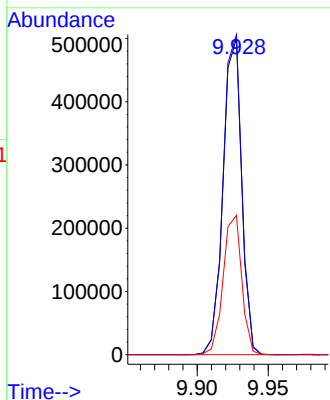
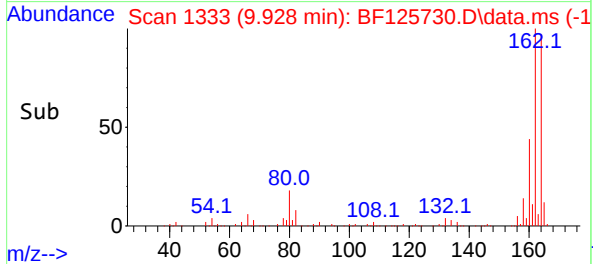
Instrument :  
BNA\_F  
ClientSampleId :  
WC-20210924MS



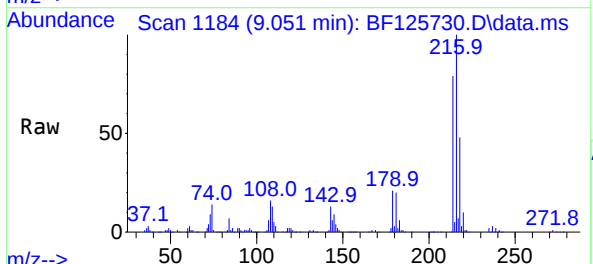
Tgt Ion:164 Resp: 453525  
Ion Ratio Lower Upper  
164 100  
162 101.3 81.3 121.9  
160 44.1 38.0 57.0

Manual Integrations  
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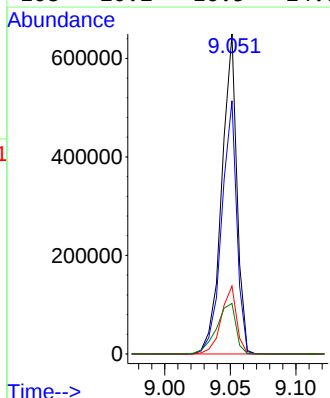
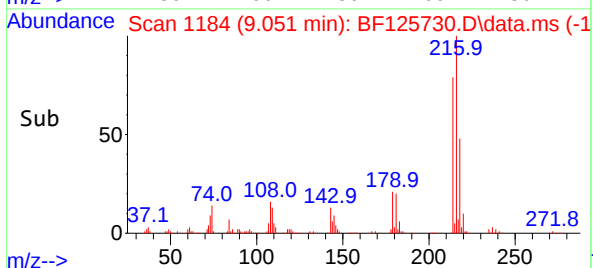
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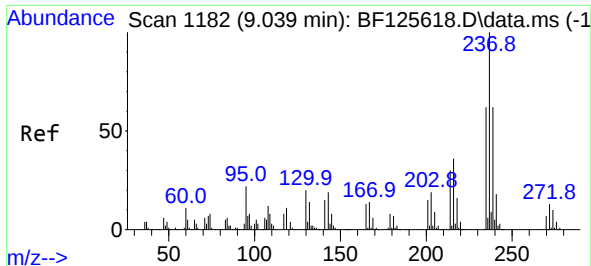


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 44.141 ng  
RT: 9.051 min Scan# 1184  
Delta R.T. 0.000 min  
Lab File: BF125730.D  
Acq: 30 Sep 2021 13:28



Tgt Ion:216 Resp: 520650  
Ion Ratio Lower Upper  
216 100  
214 79.0 64.9 97.3  
179 21.2 17.4 26.2  
108 20.2 16.5 24.7





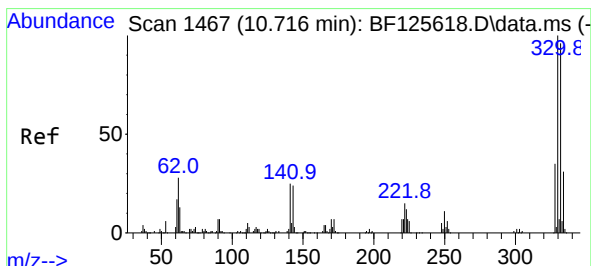
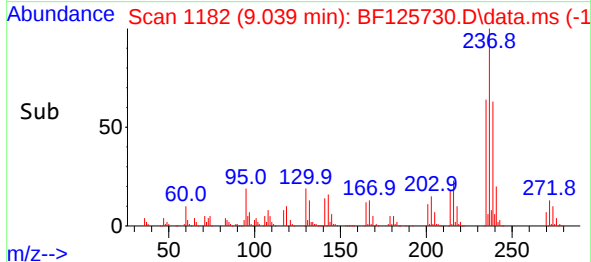
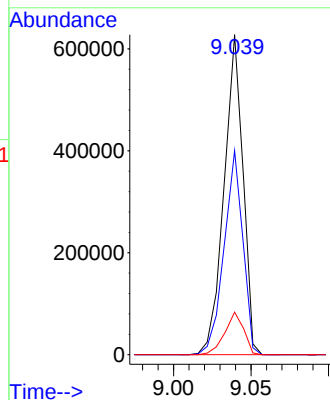
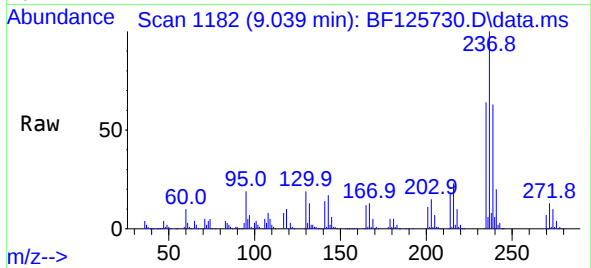
#41  
Hexachlorocyclopentadiene  
Concen: 106.866 ng  
RT: 9.039 min Scan# 1182  
Delta R.T. 0.000 min  
Lab File: BF125730.D  
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Tgt Ion:237 Resp: 533319  
Ion Ratio Lower Upper  
237 100  
235 63.7 44.7 84.7  
272 13.3 0.0 31.6

Instrument :  
BNA\_F  
ClientSampleId :  
WC-20210924MS

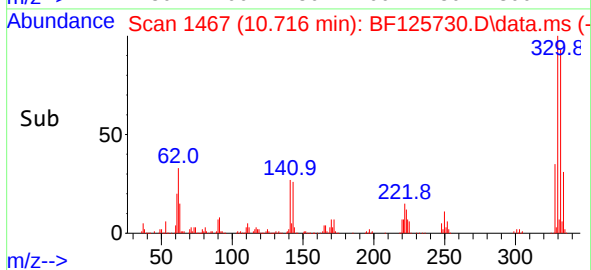
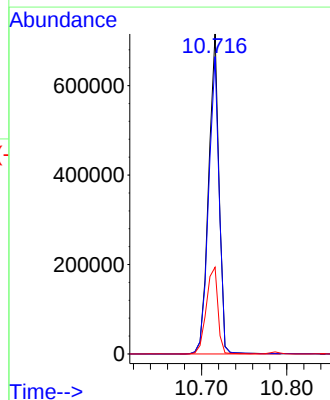
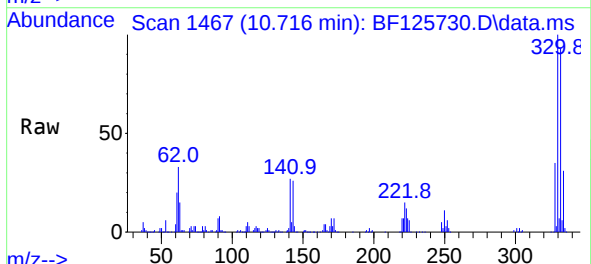
Manual Integrations  
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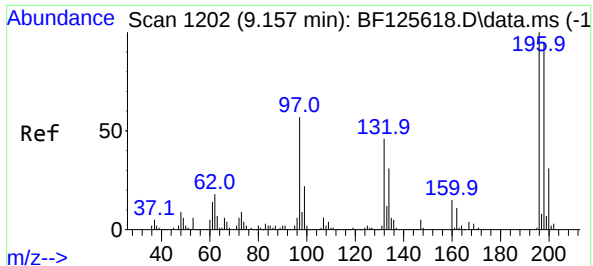
mohammad  
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#42  
2,4,6-Tribromophenol  
Concen: 143.579 ng  
RT: 10.716 min Scan# 1467  
Delta R.T. -0.000 min  
Lab File: BF125730.D  
Acq: 30 Sep 2021 13:28

Tgt Ion:330 Resp: 607128  
Ion Ratio Lower Upper  
330 100  
332 94.5 76.2 114.4  
141 30.2 44.6 66.8#





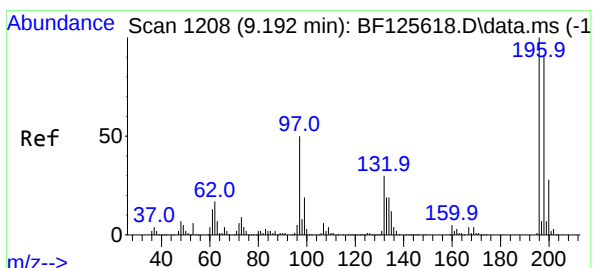
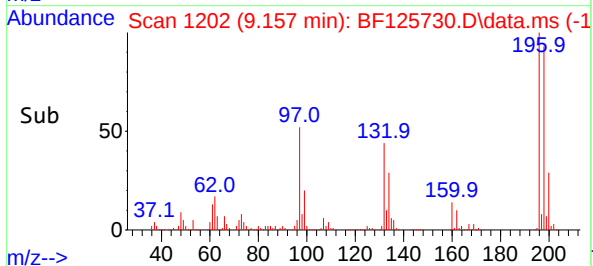
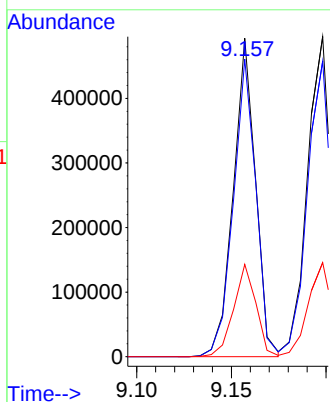
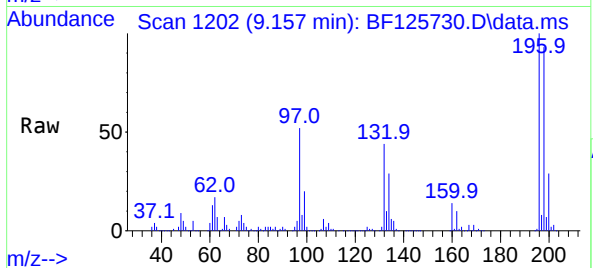
#43  
2,4,6-Trichlorophenol  
Concen: 48.680 ng  
RT: 9.157 min Scan# 1202  
Delta R.T. 0.000 min  
Lab File: BF125730.D  
Acq: 30 Sep 2021 13:28

Instrument :  
BNA\_F  
ClientSampleId :  
WC-20210924MS

Tgt Ion:196 Resp: 402654  
Ion Ratio Lower Upper  
196 100  
198 93.4 74.9 112.3  
200 29.0 27.0 40.4

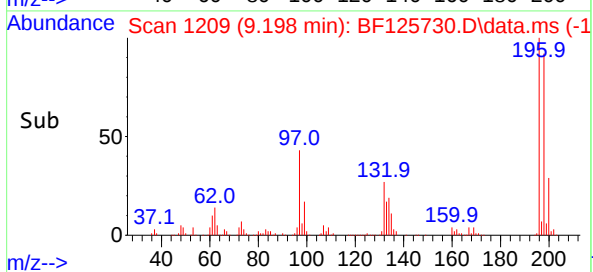
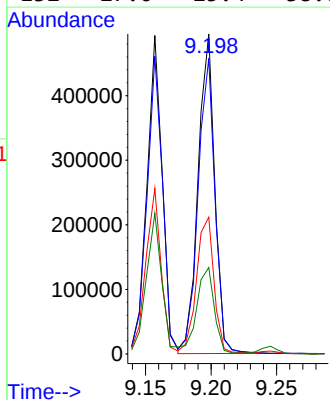
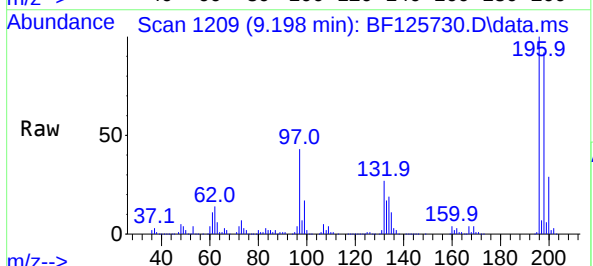
Manual Integrations  
APPROVED

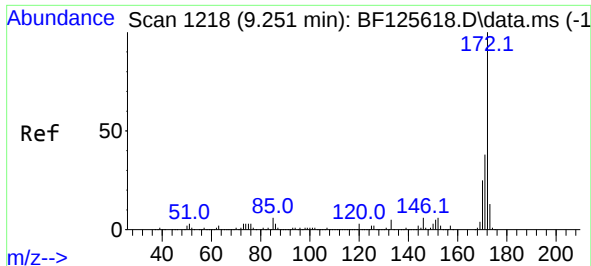
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#44  
2,4,5-Trichlorophenol  
Concen: 49.289 ng  
RT: 9.198 min Scan# 1209  
Delta R.T. 0.006 min  
Lab File: BF125730.D  
Acq: 30 Sep 2021 13:28

Tgt Ion:196 Resp: 440170  
Ion Ratio Lower Upper  
196 100  
198 92.4 80.2 120.2  
97 42.8 44.0 66.0#  
132 27.0 25.4 38.0





#45  
2-Fluorobiphenyl  
Concen: 93.297 ng  
RT: 9.245 min Scan# 1217  
Delta R.T. -0.006 min  
Lab File: BF125730.D  
Acq: 30 Sep 2021 13:28

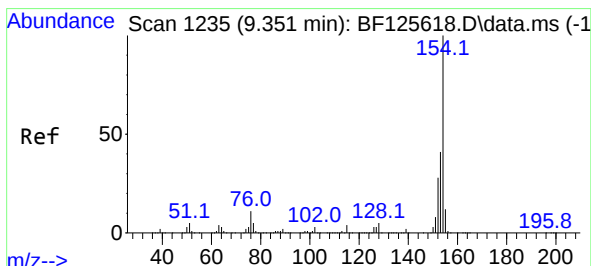
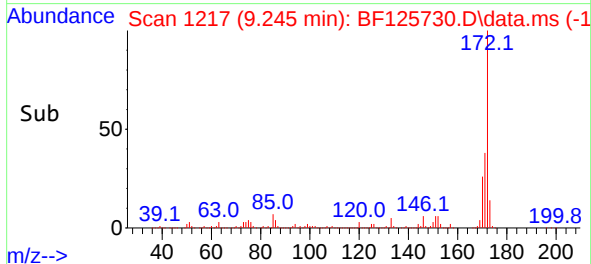
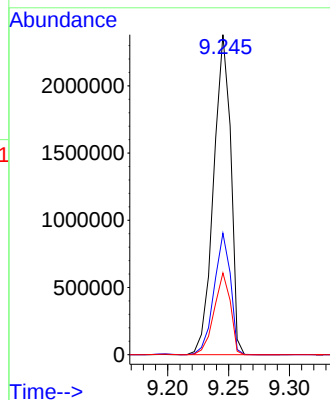
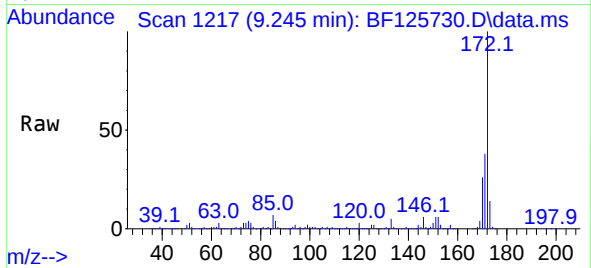
Tgt Ion:172 Resp: 2321884

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 37.9  | 26.5  | 39.7  |
| 170 | 25.5  | 18.8  | 28.2  |

Instrument :  
BNA\_F  
ClientSampleId :  
WC-20210924MS

Manual Integrations  
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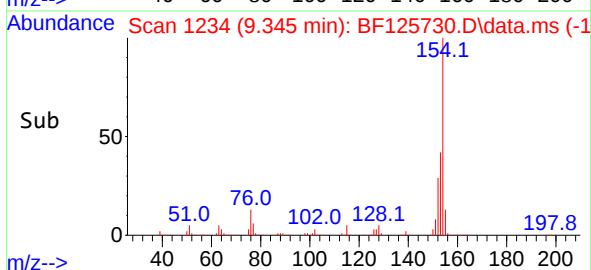
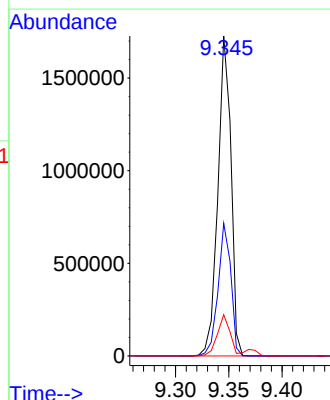
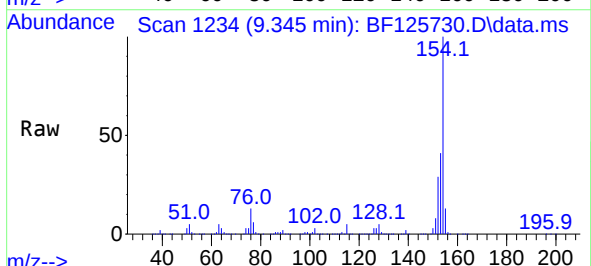
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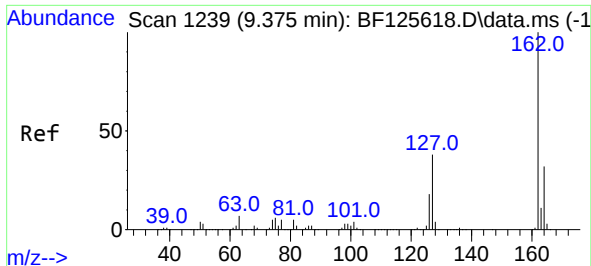


#46  
1,1'-Biphenyl  
Concen: 44.118 ng  
RT: 9.345 min Scan# 1234  
Delta R.T. -0.006 min  
Lab File: BF125730.D  
Acq: 30 Sep 2021 13:28

Tgt Ion:154 Resp: 1475405

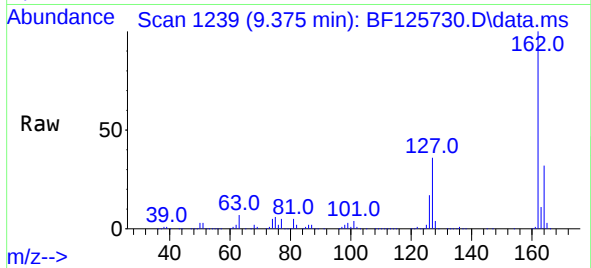
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 41.5  | 20.0  | 60.0  |
| 76  | 12.9  | 0.0   | 30.3  |





#47  
2-Chloronaphthalene  
Concen: 44.385 ng  
RT: 9.375 min Scan# 1239  
Delta R.T. -0.000 min  
Lab File: BF125730.D  
Acq: 30 Sep 2021 13:28

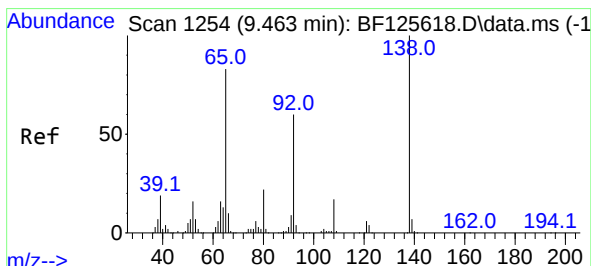
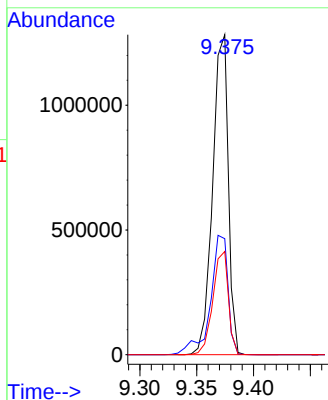
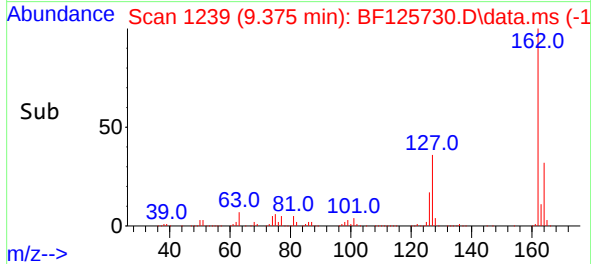
Instrument :  
BNA\_F  
ClientSampleId :  
WC-20210924MS



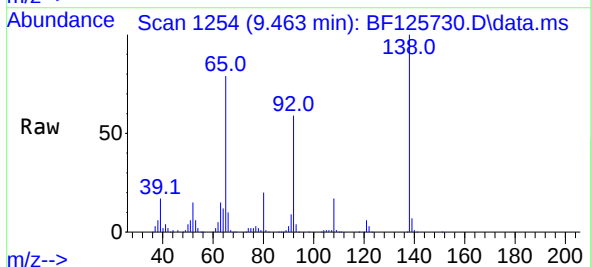
Tgt Ion:162 Resp: 1228915  
Ion Ratio Lower Upper  
162 100  
127 36.2 33.0 49.4  
164 32.2 25.8 38.8

Manual Integrations  
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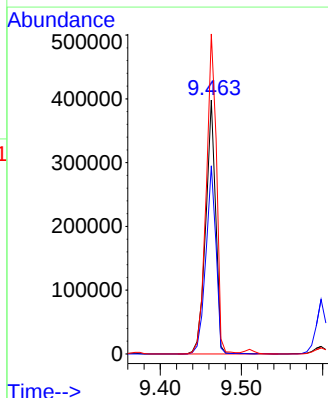
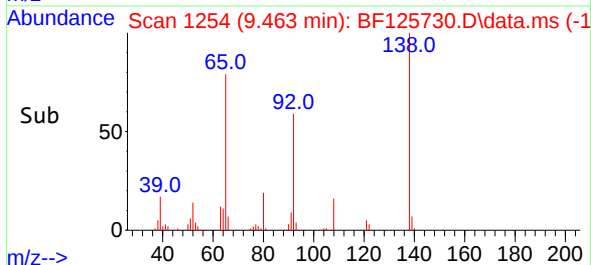
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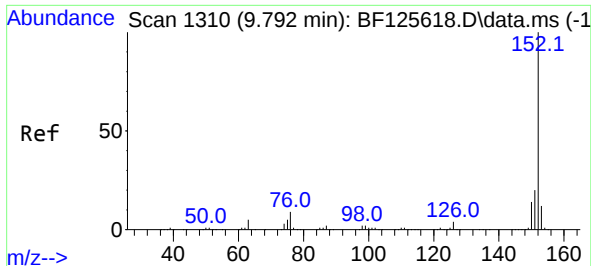


#48  
2-Nitroaniline  
Concen: 51.524 ng  
RT: 9.463 min Scan# 1254  
Delta R.T. -0.000 min  
Lab File: BF125730.D  
Acq: 30 Sep 2021 13:28



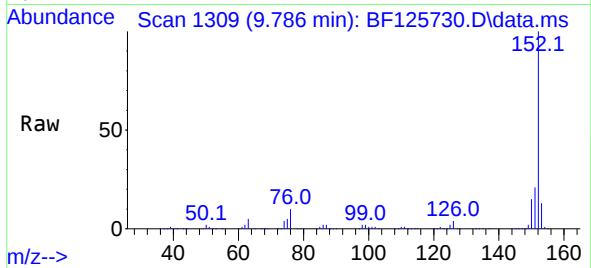
Tgt Ion: 65 Resp: 338665  
Ion Ratio Lower Upper  
65 100  
92 74.1 55.5 83.3  
138 126.0 93.5 140.3





#49  
Acenaphthylene  
Concen: 44.641 ng  
RT: 9.786 min Scan# 1309  
Delta R.T. -0.006 min  
Lab File: BF125730.D  
Acq: 30 Sep 2021 13:28

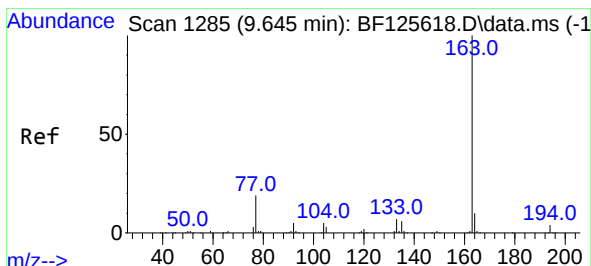
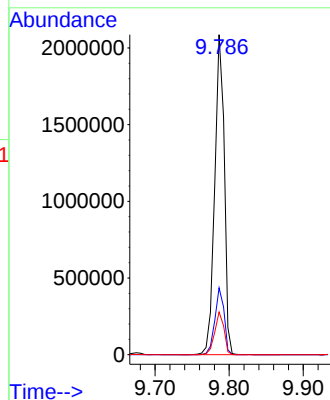
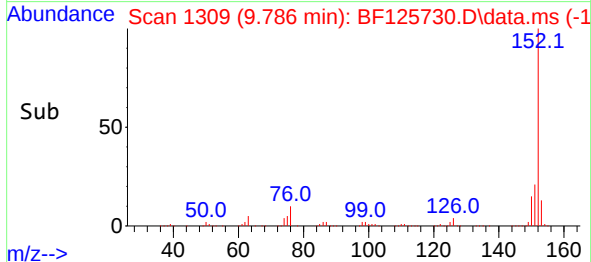
Instrument :  
BNA\_F  
ClientSampleId :  
WC-20210924MS



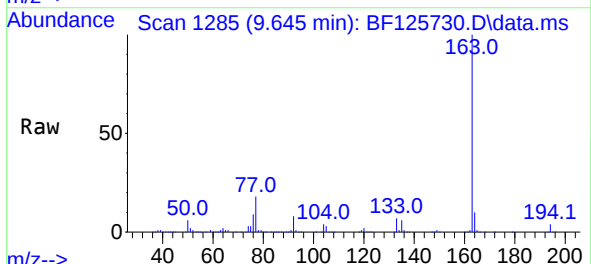
Tgt Ion:152 Resp: 1860635  
Ion Ratio Lower Upper  
152 100  
151 20.9 15.7 23.5  
153 13.4 9.8 14.8

Manual Integrations  
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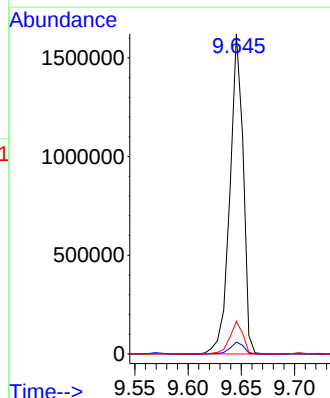
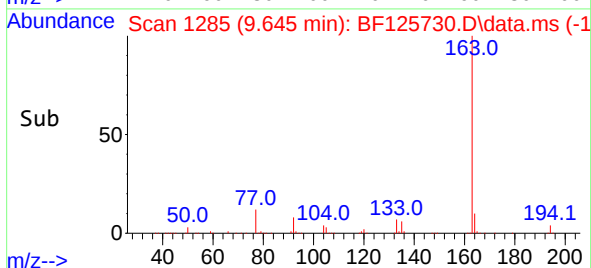
mohammad  
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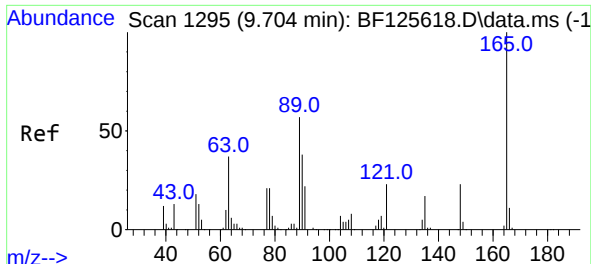


#50  
Dimethylphthalate  
Concen: 45.850 ng  
RT: 9.645 min Scan# 1285  
Delta R.T. 0.000 min  
Lab File: BF125730.D  
Acq: 30 Sep 2021 13:28

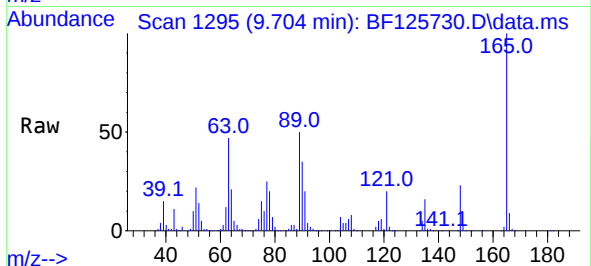


Tgt Ion:163 Resp: 1400839  
Ion Ratio Lower Upper  
163 100  
194 3.7 2.6 3.8  
164 10.2 7.4 11.0

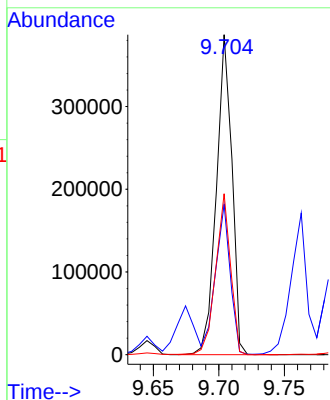
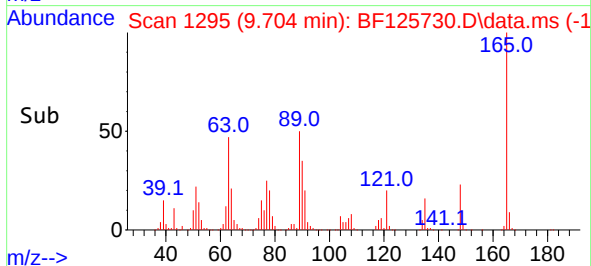




#51  
2,6-Dinitrotoluene  
Concen: 50.702 ng  
RT: 9.704 min Scan# 1295  
Delta R.T. 0.000 min  
Lab File: BF125730.D  
Acq: 30 Sep 2021 13:28



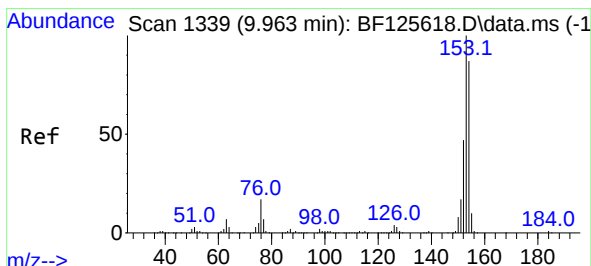
Tgt Ion:165 Resp: 317185  
Ion Ratio Lower Upper  
165 100  
63 47.0 42.6 63.8  
89 50.3 40.6 60.8



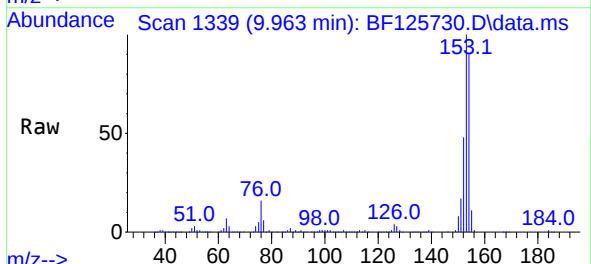
Instrument :  
BNA\_F  
ClientSampleId :  
WC-20210924MS

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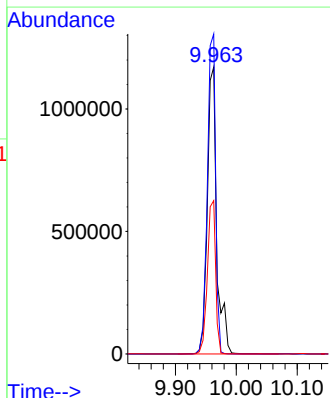
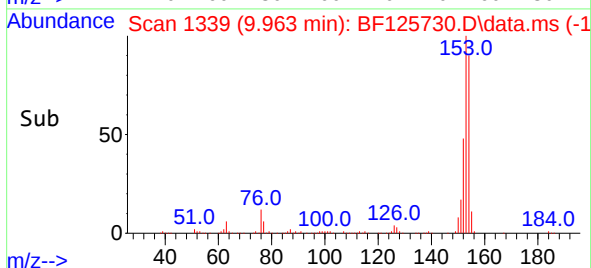
mohammad  
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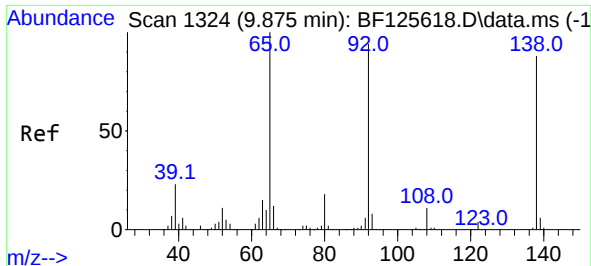


#52  
Acenaphthene  
Concen: 48.561 ng  
RT: 9.963 min Scan# 1339  
Delta R.T. -0.000 min  
Lab File: BF125730.D  
Acq: 30 Sep 2021 13:28



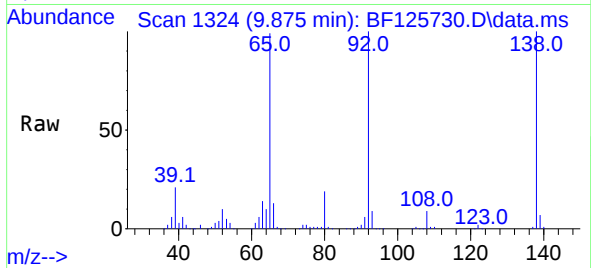
Tgt Ion:154 Resp: 1269033  
Ion Ratio Lower Upper  
154 100  
153 111.5 89.4 134.2  
152 53.4 40.5 60.7





#53  
3-Nitroaniline  
Concen: 34.440 ng  
RT: 9.875 min Scan# 1324  
Delta R.T. -0.000 min  
Lab File: BF125730.D  
Acq: 30 Sep 2021 13:28

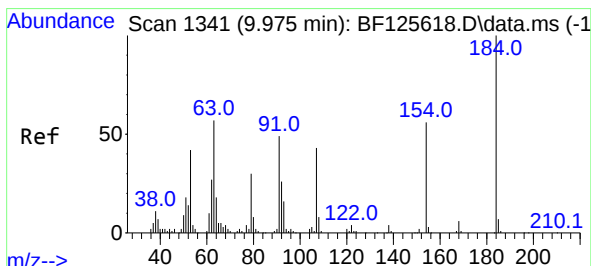
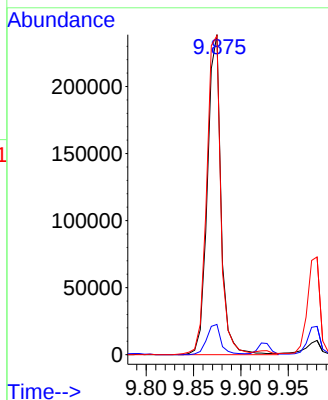
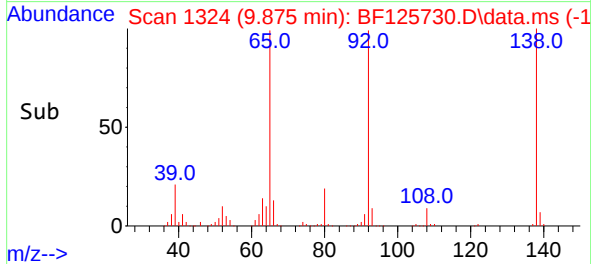
Instrument :  
BNA\_F  
ClientSampleId :  
WC-20210924MS



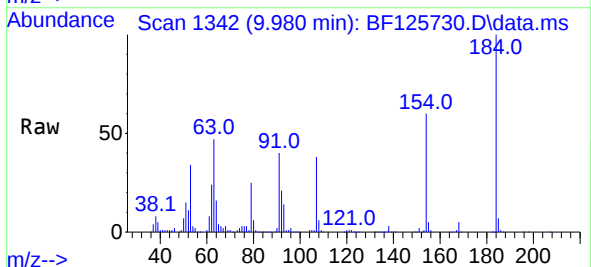
Tgt Ion:138 Resp: 237904  
Ion Ratio Lower Upper  
138 100  
108 9.4 9.3 13.9  
92 99.7 76.5 114.7

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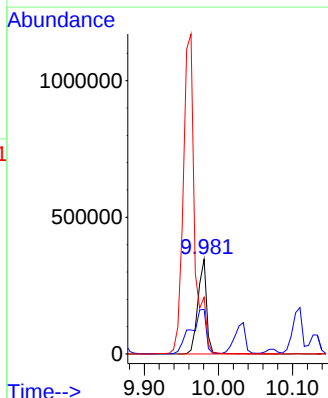
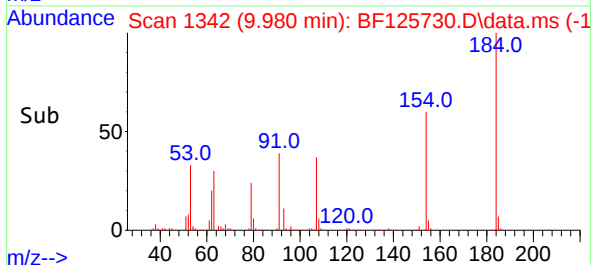
mohammad  
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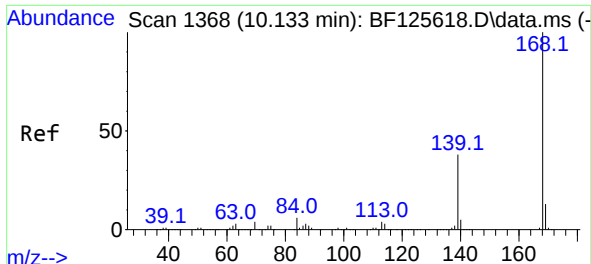


#54  
2,4-Dinitrophenol  
Concen: 91.032 ng  
RT: 9.980 min Scan# 1342  
Delta R.T. 0.005 min  
Lab File: BF125730.D  
Acq: 30 Sep 2021 13:28



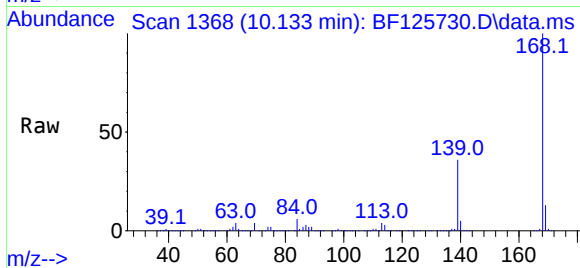
Tgt Ion:184 Resp: 281560  
Ion Ratio Lower Upper  
184 100  
63 47.1 59.3 88.9#  
154 59.9 68.6 102.8#





#55  
Dibenzenofuran  
Concen: 43.249 ng  
RT: 10.133 min Scan# 1368  
Delta R.T. 0.000 min  
Lab File: BF125730.D  
Acq: 30 Sep 2021 13:28

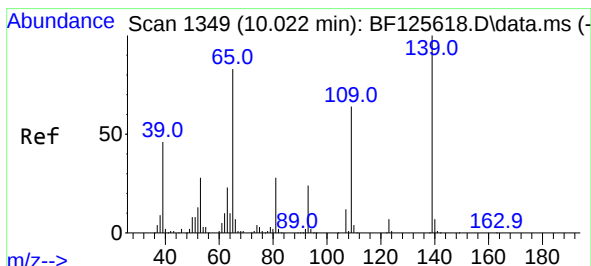
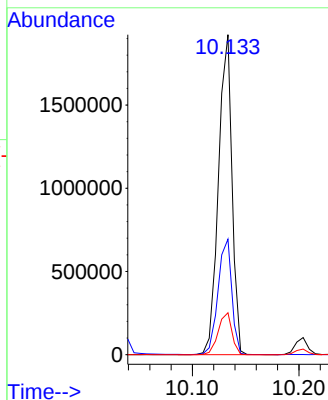
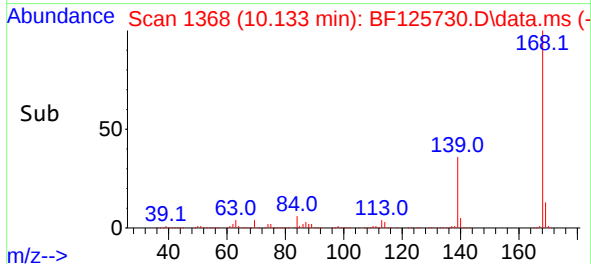
Instrument :  
BNA\_F  
ClientSampleId :  
WC-20210924MS



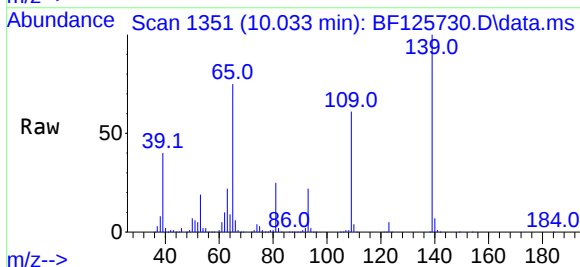
Tgt Ion:168 Resp: 1695666  
Ion Ratio Lower Upper  
168 100  
139 36.1 32.7 49.1  
169 13.1 11.2 16.8

Manual Integrations  
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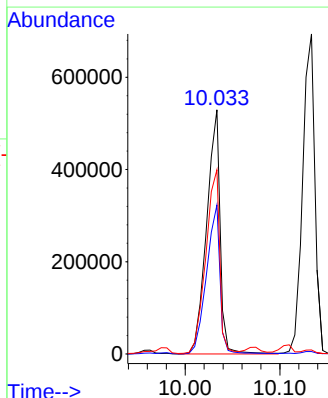
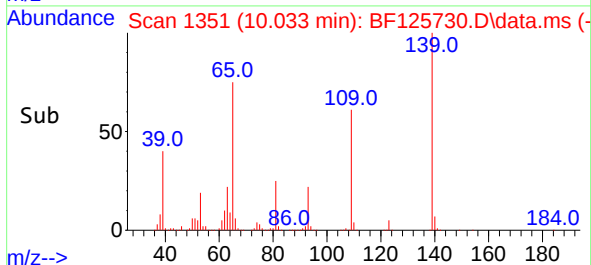
mohammad  
10/1/2021 11:28:48 AM

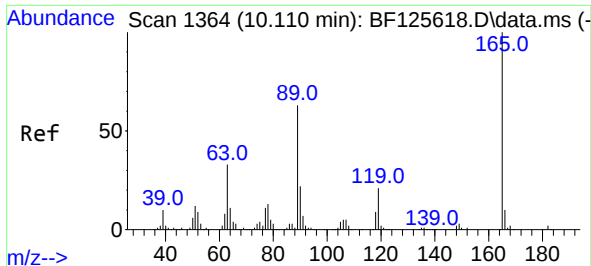


#56  
4-Nitrophenol  
Concen: 92.866 ng  
RT: 10.033 min Scan# 1351  
Delta R.T. 0.011 min  
Lab File: BF125730.D  
Acq: 30 Sep 2021 13:28



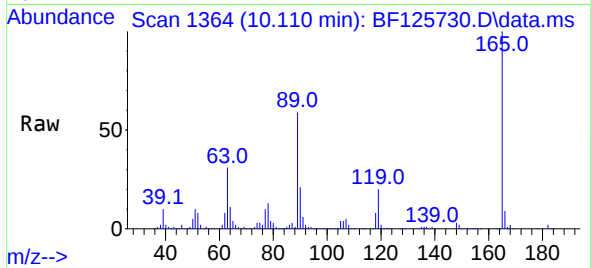
Tgt Ion:139 Resp: 522649  
Ion Ratio Lower Upper  
139 100  
109 61.0 60.4 100.4  
65 75.4 58.4 98.4





#57  
2,4-Dinitrotoluene  
Concen: 55.380 ng  
RT: 10.110 min Scan# 1364  
Delta R.T. -0.000 min  
Lab File: BF125730.D  
Acq: 30 Sep 2021 13:28

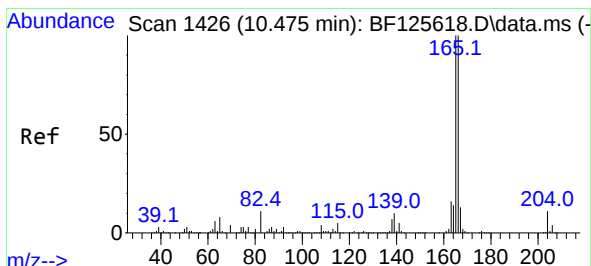
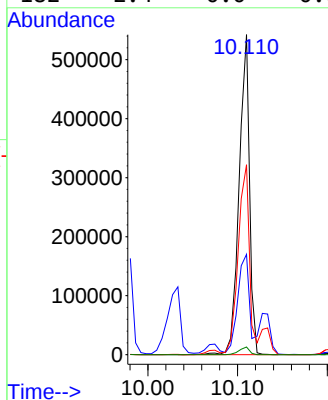
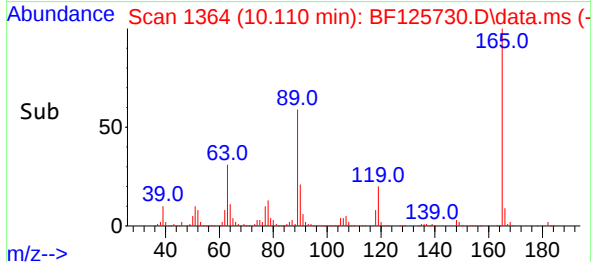
Instrument :  
BNA\_F  
ClientSampleId :  
WC-20210924MS



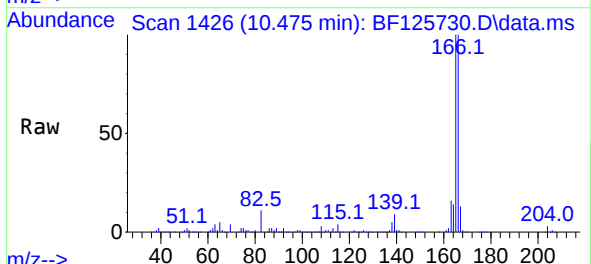
Tgt Ion:165 Resp: 436286  
Ion Ratio Lower Upper  
165 100  
63 31.3 40.9 61.3#  
89 59.3 59.7 89.5#  
182 2.4 0.0 0.0#

Manual Integrations  
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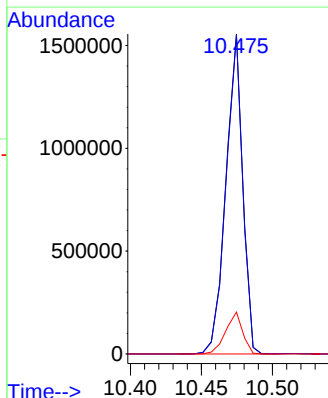
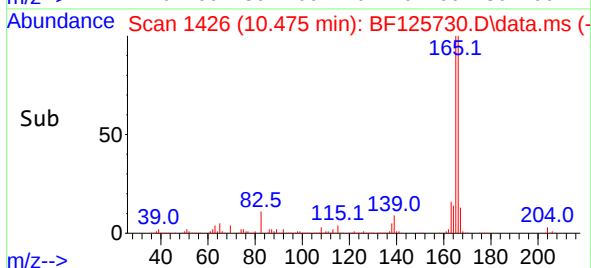
mohammad  
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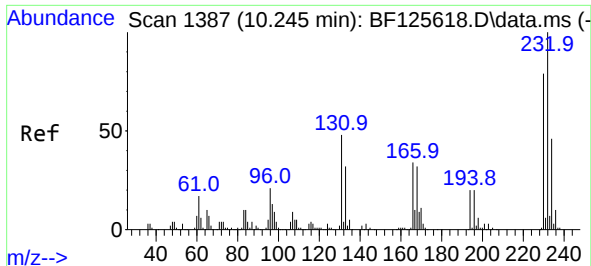


#58  
Fluorene  
Concen: 42.118 ng  
RT: 10.475 min Scan# 1426  
Delta R.T. -0.000 min  
Lab File: BF125730.D  
Acq: 30 Sep 2021 13:28



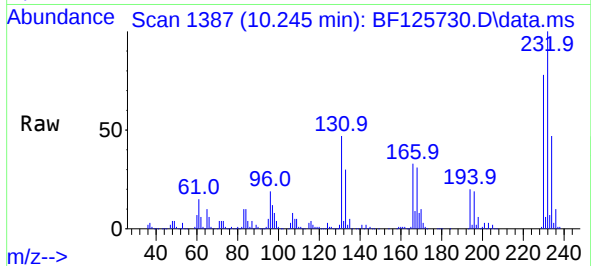
Tgt Ion:166 Resp: 1285312  
Ion Ratio Lower Upper  
166 100  
165 99.6 78.1 117.1  
167 13.1 11.1 16.7





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 49.346 ng  
RT: 10.245 min Scan# 1387  
Delta R.T. 0.000 min  
Lab File: BF125730.D  
Acq: 30 Sep 2021 13:28

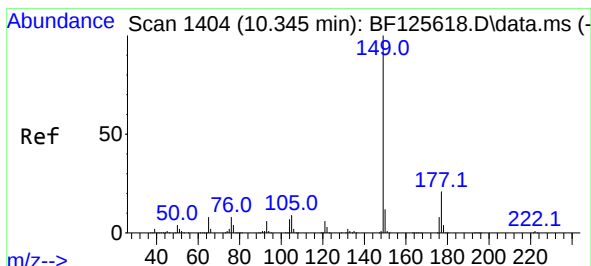
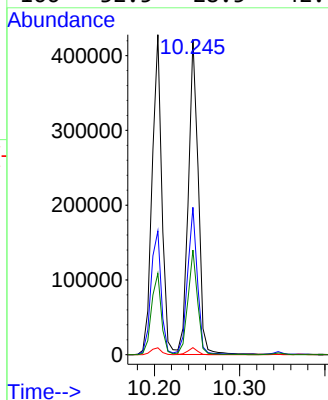
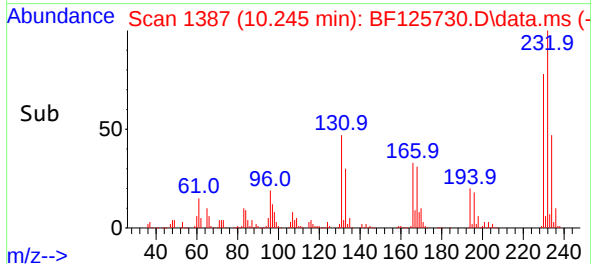
Instrument :  
BNA\_F  
ClientSampleId :  
WC-20210924MS



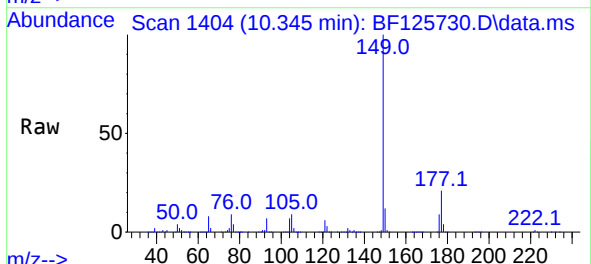
Tgt Ion:232 Resp: 339155  
Ion Ratio Lower Upper  
232 100  
131 46.5 45.4 68.0  
130 2.2 0.0 0.0#  
166 32.5 28.5 42.7

Manual Integrations  
APPROVED

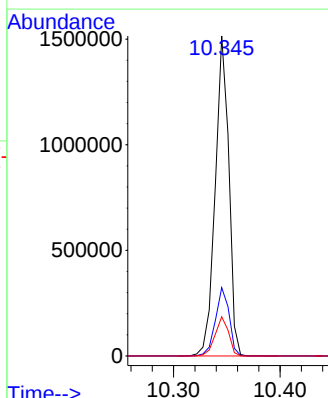
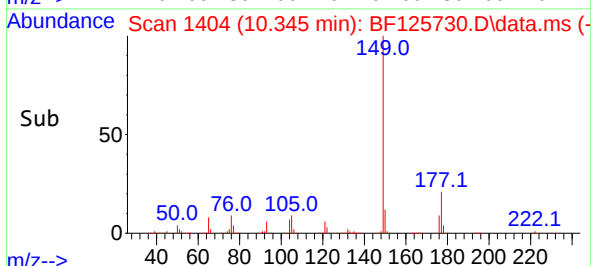
mohammad  
10/1/2021 11:28:48 AM

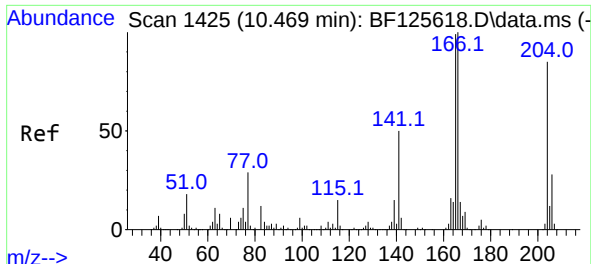


#60  
Diethylphthalate  
Concen: 45.632 ng  
RT: 10.345 min Scan# 1404  
Delta R.T. 0.000 min  
Lab File: BF125730.D  
Acq: 30 Sep 2021 13:28



Tgt Ion:149 Resp: 1344120  
Ion Ratio Lower Upper  
149 100  
177 21.4 16.5 24.7  
150 12.2 10.1 15.1





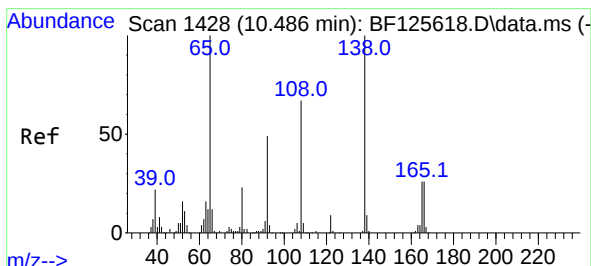
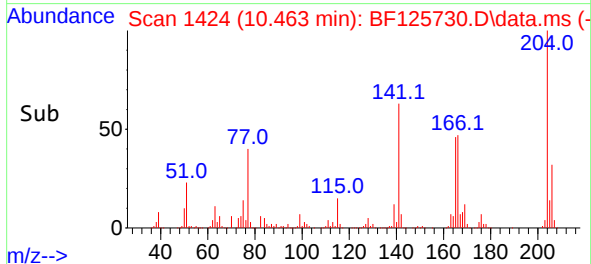
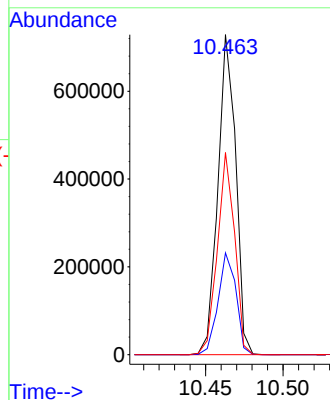
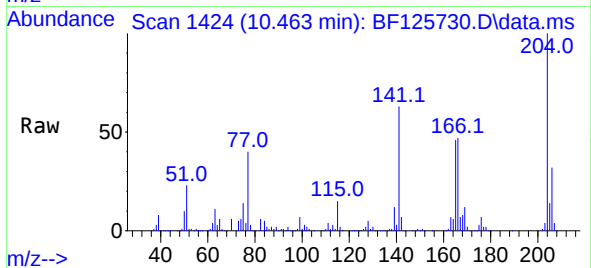
#61  
4-Chlorophenyl-phenylether  
Concen: 42.925 ng  
RT: 10.463 min Scan# 1424  
Delta R.T. -0.006 min  
Lab File: BF125730.D  
Acq: 30 Sep 2021 13:28

Instrument :  
BNA\_F  
ClientSampleId :  
WC-20210924MS

Tgt Ion:204 Resp: 582261  
Ion Ratio Lower Upper  
204 100  
206 31.8 27.6 41.4  
141 63.1 58.6 88.0

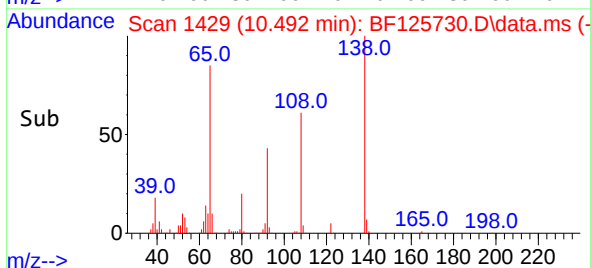
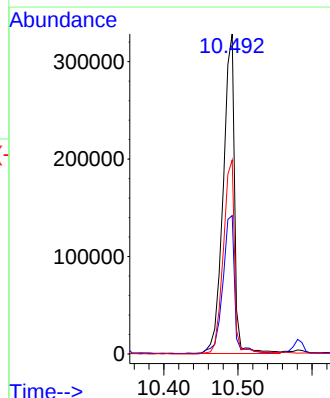
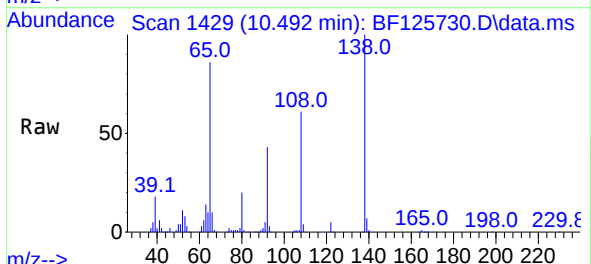
Manual Integrations  
APPROVED

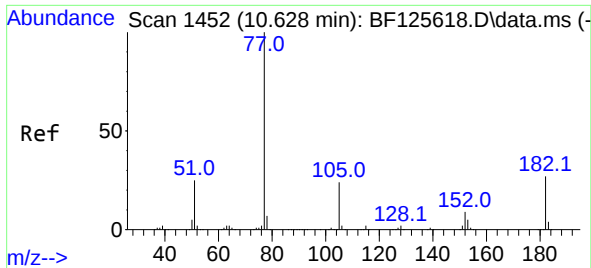
mohammad  
10/1/2021 11:28:48 AM



#62  
4-Nitroaniline  
Concen: 50.282 ng  
RT: 10.492 min Scan# 1429  
Delta R.T. 0.006 min  
Lab File: BF125730.D  
Acq: 30 Sep 2021 13:28

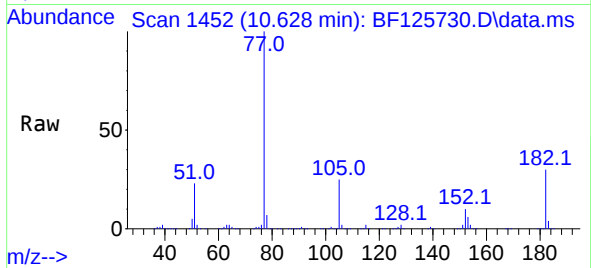
Tgt Ion:138 Resp: 350669  
Ion Ratio Lower Upper  
138 100  
92 43.2 29.6 69.6  
108 60.6 78.1 118.1#





#63  
Azobenzene  
Concen: 43.350 ng  
RT: 10.628 min Scan# 1452  
Delta R.T. -0.000 min  
Lab File: BF125730.D  
Acq: 30 Sep 2021 13:28

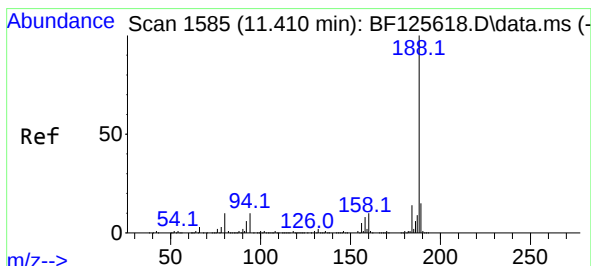
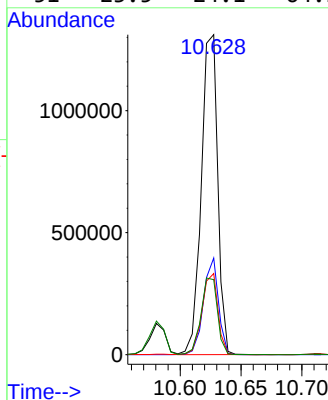
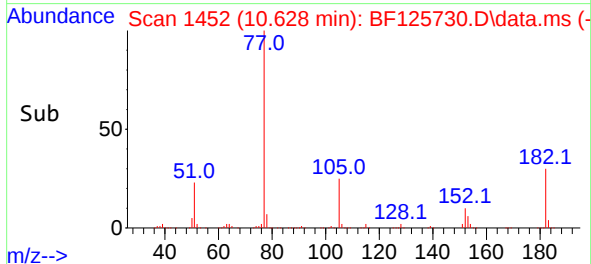
Instrument :  
BNA\_F  
ClientSampleId :  
WC-20210924MS



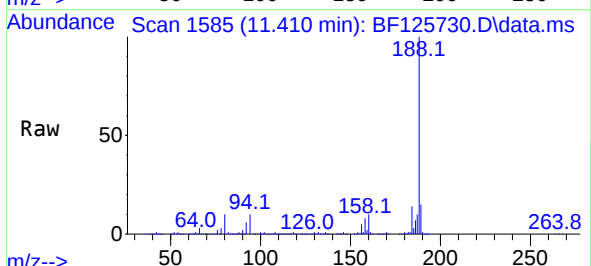
Tgt Ion: 77 Resp: 1232889  
Ion Ratio Lower Upper  
77 100  
182 30.2 6.3 46.3  
105 25.3 2.9 42.9  
51 23.5 24.1 64.1#

Manual Integrations  
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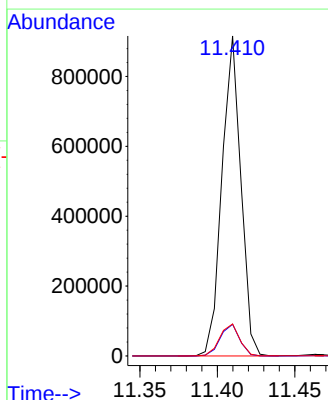
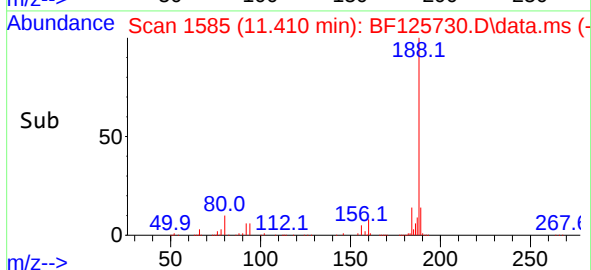
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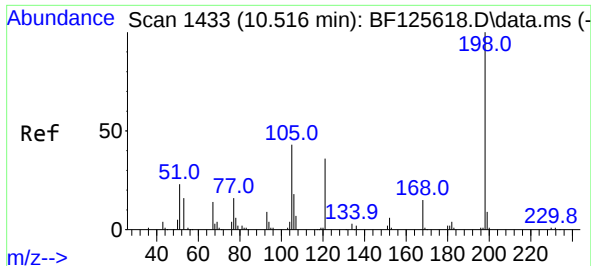


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.410 min Scan# 1585  
Delta R.T. -0.000 min  
Lab File: BF125730.D  
Acq: 30 Sep 2021 13:28



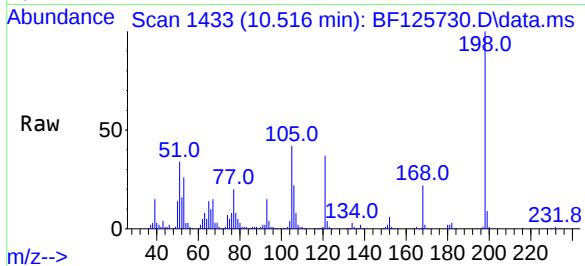
Tgt Ion: 188 Resp: 776990  
Ion Ratio Lower Upper  
188 100  
94 9.9 6.7 10.1  
80 10.0 7.5 11.3





#65  
4,6-Dinitro-2-methylphenol  
Concen: 49.123 ng  
RT: 10.516 min Scan# 1433  
Delta R.T. -0.000 min  
Lab File: BF125730.D  
Acq: 30 Sep 2021 13:28

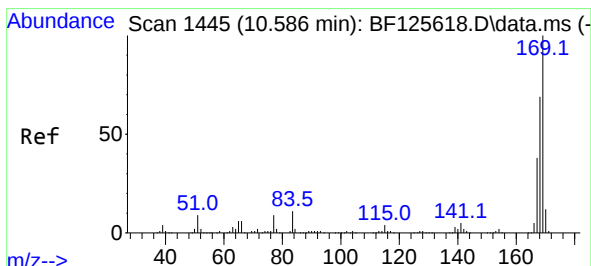
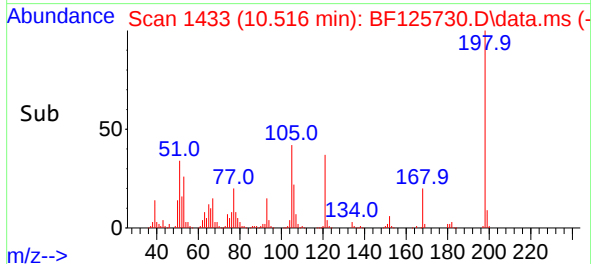
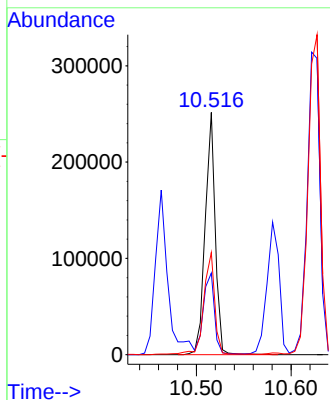
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BNA\_F  
ClientSampleId :  
WC-20210924MS



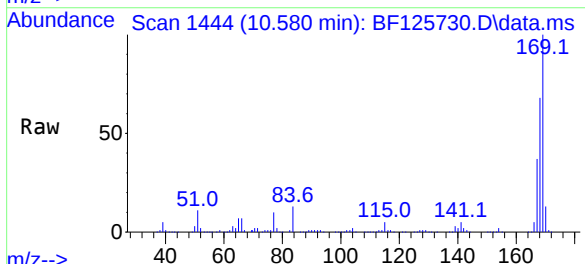
Tgt Ion:198 Resp: 186758  
Ion Ratio Lower Upper  
198 100  
51 33.7 45.3 85.3#  
105 42.2 30.6 70.6

Manual Integrations  
APPROVED

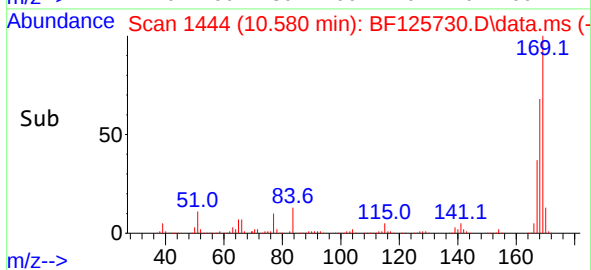
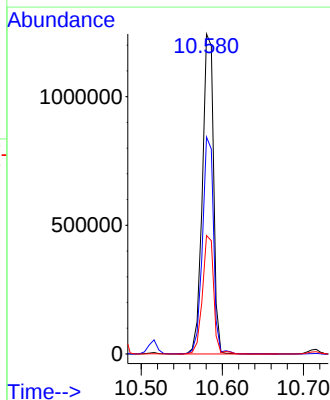
mohammad  
10/1/2021 11:28:48 AM

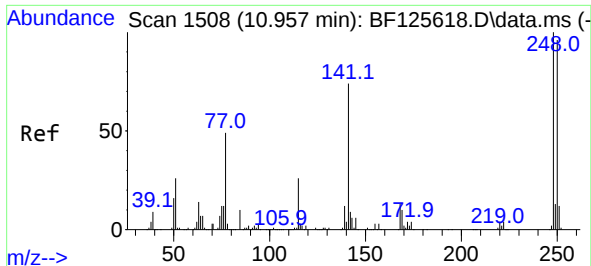


#66  
n-Nitrosodiphenylamine  
Concen: 44.367 ng  
RT: 10.580 min Scan# 1444  
Delta R.T. -0.006 min  
Lab File: BF125730.D  
Acq: 30 Sep 2021 13:28



Tgt Ion:169 Resp: 1183395  
Ion Ratio Lower Upper  
169 100  
168 67.8 50.8 76.2  
167 37.0 28.8 43.2





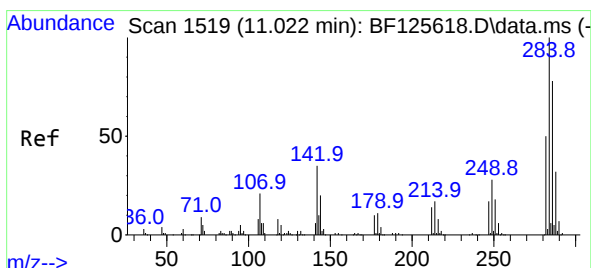
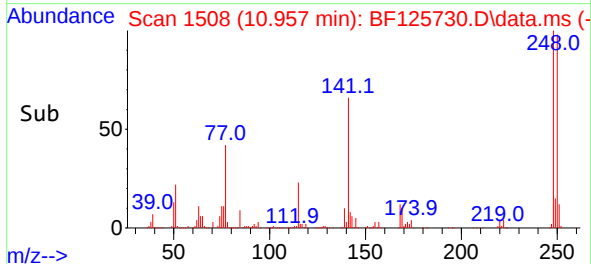
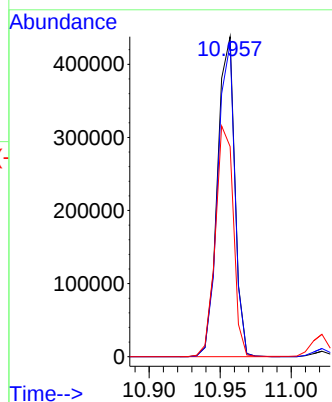
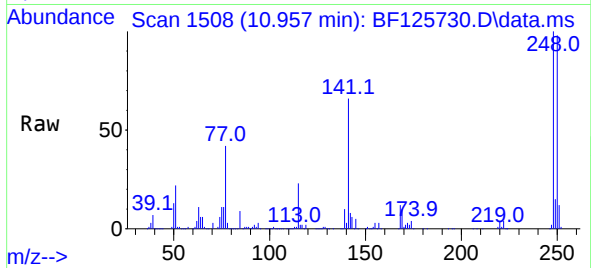
#67  
4-Bromophenyl-phenylether  
Concen: 45.502 ng  
RT: 10.957 min Scan# 1508  
Delta R.T. -0.000 min  
Lab File: BF125730.D  
Acq: 30 Sep 2021 13:28

Instrument :  
BNA\_F  
ClientSampleId :  
WC-20210924MS

Tgt Ion:248 Resp: 371031  
Ion Ratio Lower Upper  
248 100  
250 97.9 74.2 111.4  
141 65.7 60.4 90.6

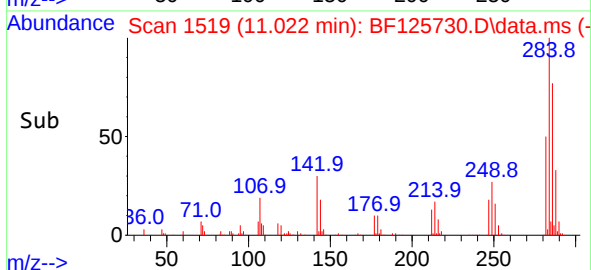
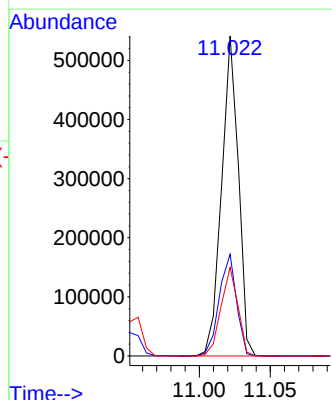
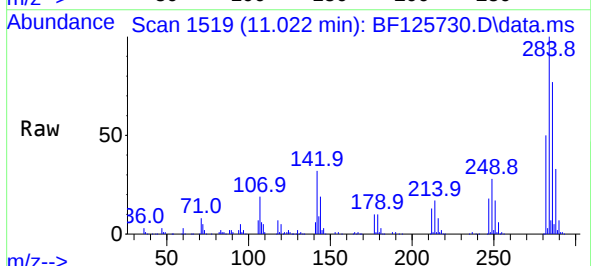
Manual Integrations  
APPROVED

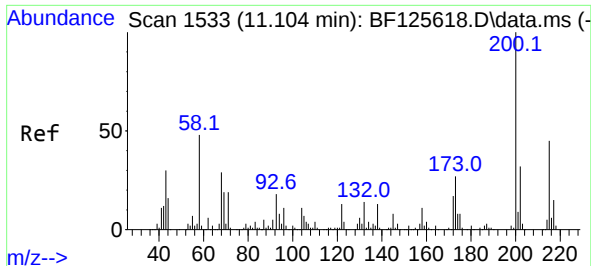
mohammad  
10/1/2021 11:28:48 AM



#68  
Hexachlorobenzene  
Concen: 46.347 ng  
RT: 11.022 min Scan# 1519  
Delta R.T. -0.000 min  
Lab File: BF125730.D  
Acq: 30 Sep 2021 13:28

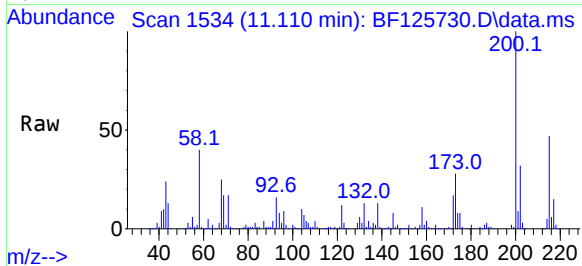
Tgt Ion:284 Resp: 443552  
Ion Ratio Lower Upper  
284 100  
142 31.8 36.4 54.6#  
249 27.7 25.6 38.4





#69  
Atrazine  
Concen: 53.222 ng  
RT: 11.110 min Scan# 1534  
Delta R.T. 0.006 min  
Lab File: BF125730.D  
Acq: 30 Sep 2021 13:28

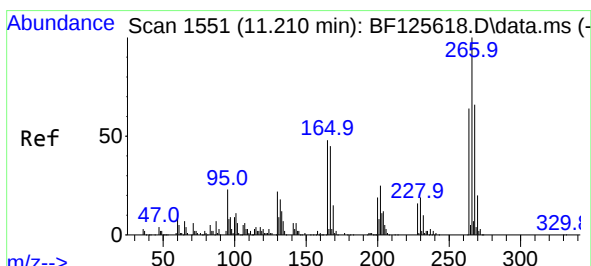
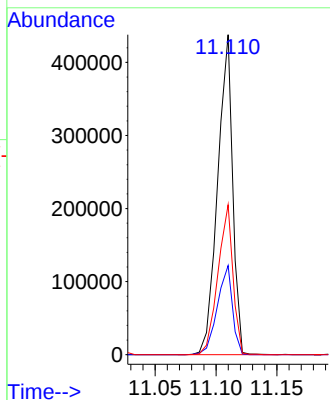
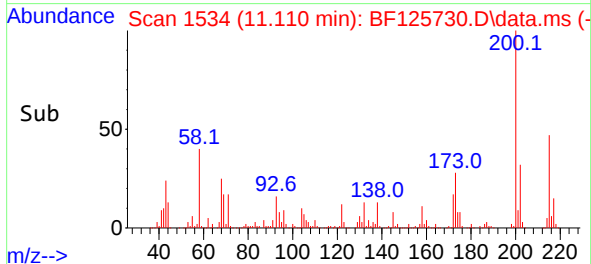
Instrument :  
BNA\_F  
ClientSampleId :  
WC-20210924MS



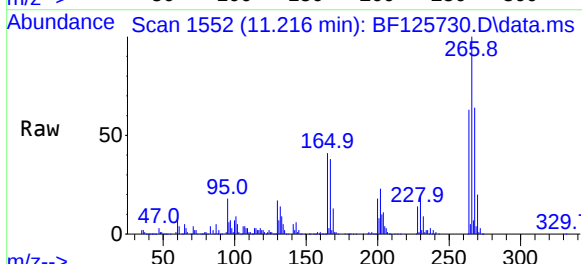
Tgt Ion:200 Resp: 376407  
Ion Ratio Lower Upper  
200 100  
173 27.8 11.1 51.1  
215 46.9 22.7 62.7

Manual Integrations  
APPROVED

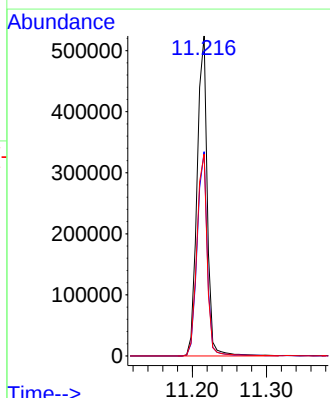
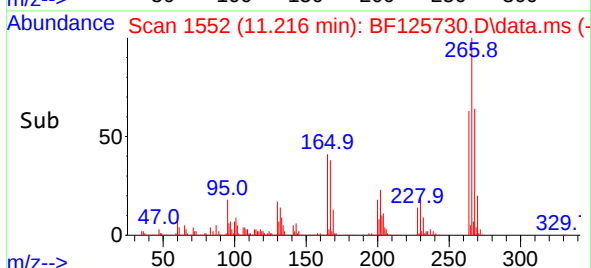
mohammad  
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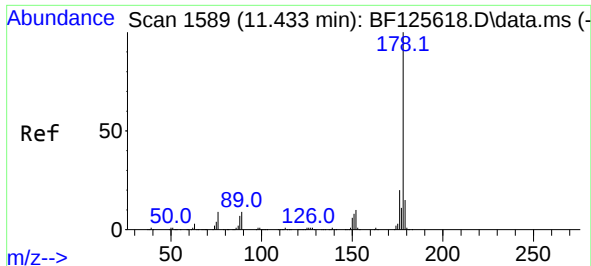


#70  
Pentachlorophenol  
Concen: 98.660 ng  
RT: 11.216 min Scan# 1552  
Delta R.T. 0.006 min  
Lab File: BF125730.D  
Acq: 30 Sep 2021 13:28



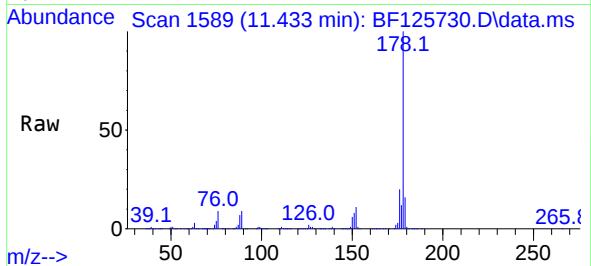
Tgt Ion:266 Resp: 499031  
Ion Ratio Lower Upper  
266 100  
268 63.9 48.9 73.3  
264 63.1 55.9 83.9





#71  
Phenanthrene  
Concen: 44.021 ng  
RT: 11.433 min Scan# 1589  
Delta R.T. 0.000 min  
Lab File: BF125730.D  
Acq: 30 Sep 2021 13:28

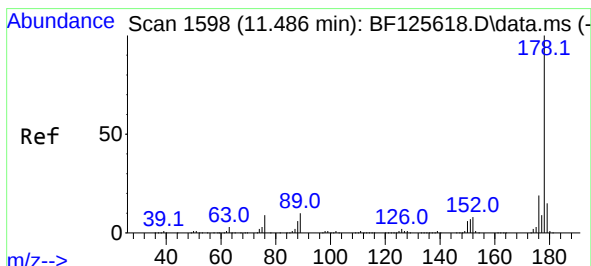
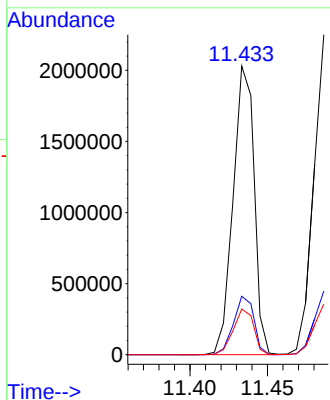
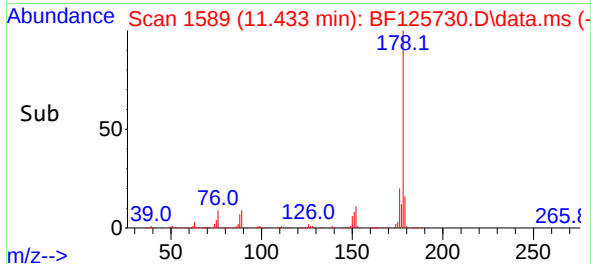
Instrument :  
BNA\_F  
ClientSampleId :  
WC-20210924MS



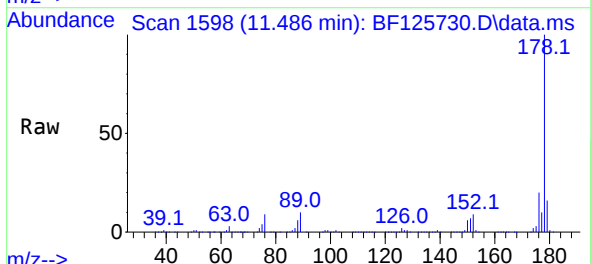
Tgt Ion:178 Resp: 1918047  
Ion Ratio Lower Upper  
178 100  
176 20.2 14.7 22.1  
179 15.8 11.5 17.3

Manual Integrations  
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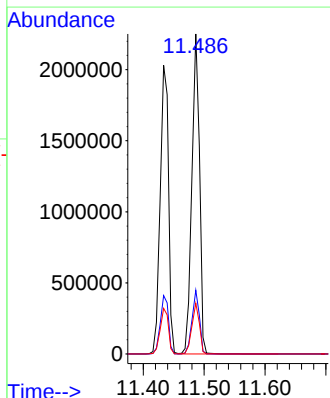
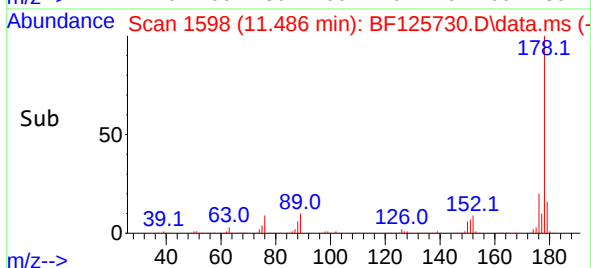
mohammad  
10/1/2021 11:28:48 AM

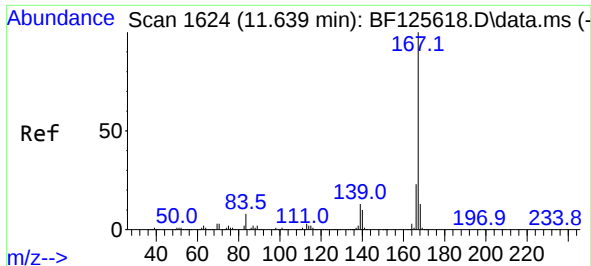


#72  
Anthracene  
Concen: 45.971 ng  
RT: 11.486 min Scan# 1598  
Delta R.T. 0.000 min  
Lab File: BF125730.D  
Acq: 30 Sep 2021 13:28



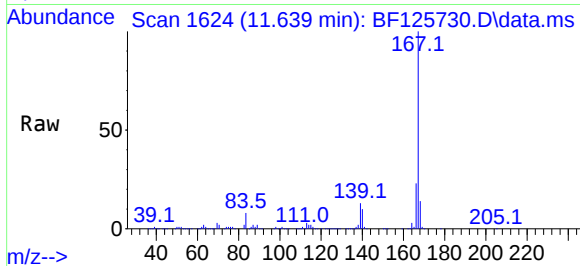
Tgt Ion:178 Resp: 1979247  
Ion Ratio Lower Upper  
178 100  
176 19.9 14.3 21.5  
179 15.8 12.2 18.4





#73  
 Carbazole  
 Concen: 43.080 ng  
 RT: 11.639 min Scan# 1624  
 Delta R.T. 0.000 min  
 Lab File: BF125730.D  
 Acq: 30 Sep 2021 13:28

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-20210924MS

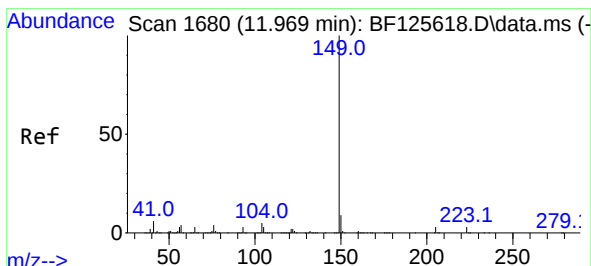
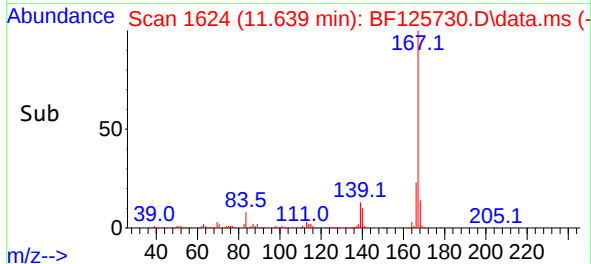
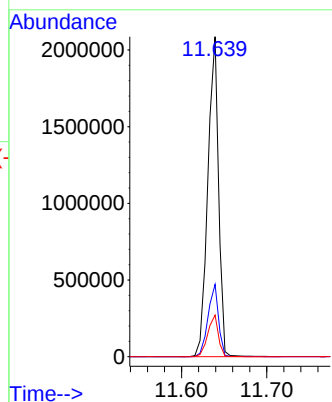


Tgt Ion:167 Resp: 1825364

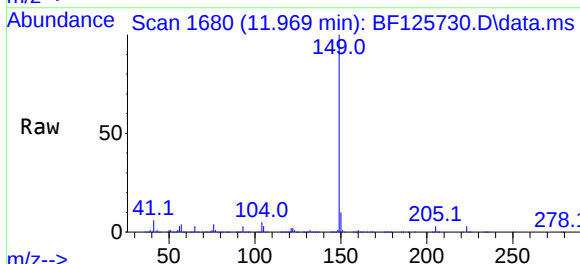
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 22.6  | 17.4  | 26.0  |
| 139 | 13.0  | 11.0  | 16.4  |

Manual Integrations  
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mohammad  
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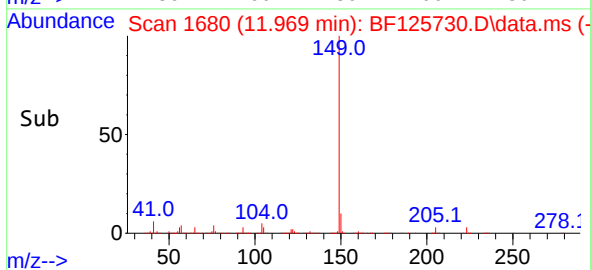
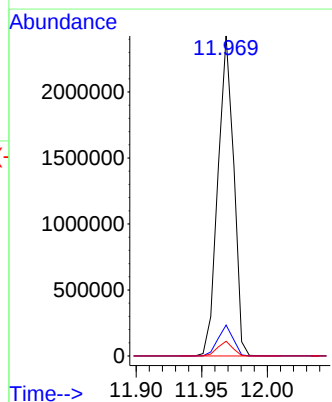


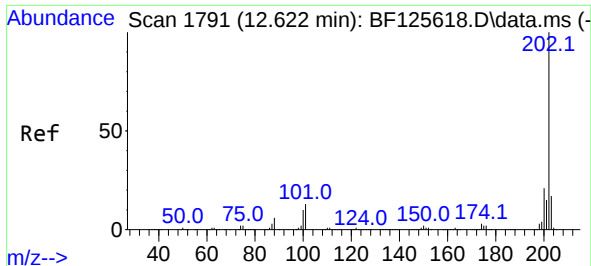
#74  
 Di-n-butylphthalate  
 Concen: 47.433 ng  
 RT: 11.969 min Scan# 1680  
 Delta R.T. -0.000 min  
 Lab File: BF125730.D  
 Acq: 30 Sep 2021 13:28



Tgt Ion:149 Resp: 2026217

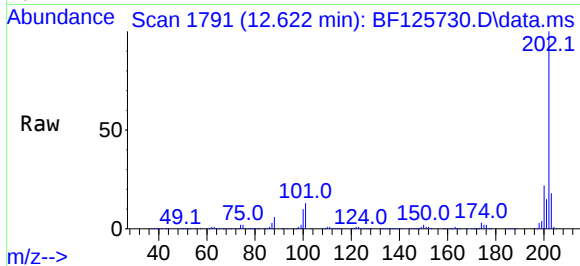
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.7   | 7.4   | 11.2  |
| 104 | 4.6   | 4.1   | 6.1   |





#75  
Fluoranthene  
Concen: 41.597 ng  
RT: 12.622 min Scan# 1791  
Delta R.T. -0.000 min  
Lab File: BF125730.D  
Acq: 30 Sep 2021 13:28

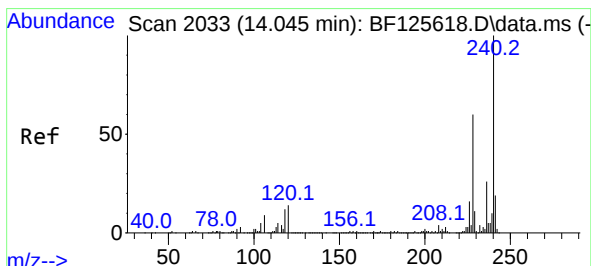
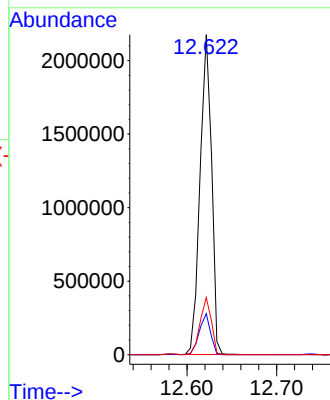
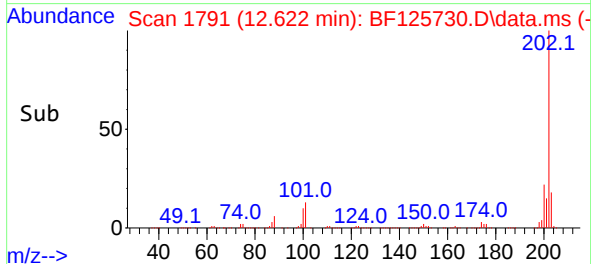
Instrument :  
BNA\_F  
ClientSampleId :  
WC-20210924MS



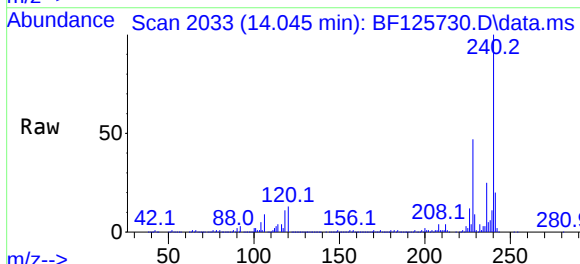
Tgt Ion:202 Resp: 1937009  
Ion Ratio Lower Upper  
202 100  
101 12.8 0.0 30.7  
203 17.8 0.0 36.3

Manual Integrations  
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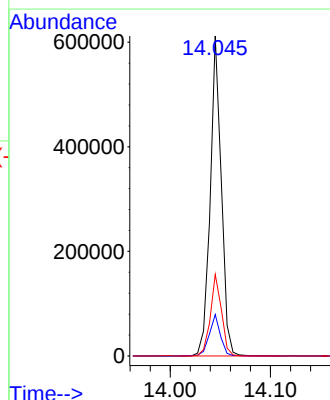
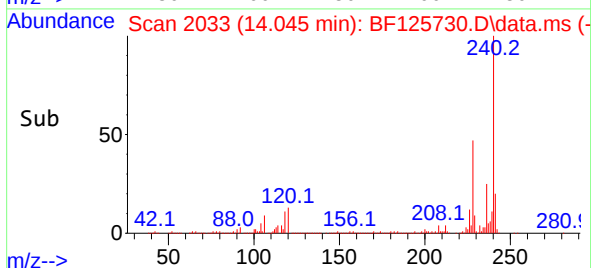
mohammad  
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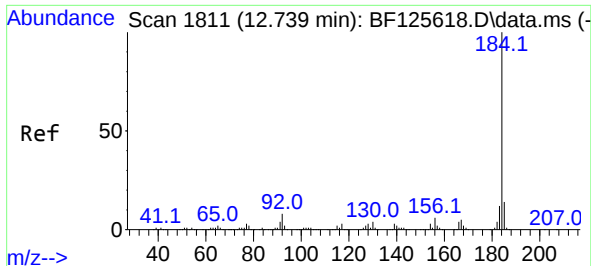


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.045 min Scan# 2033  
Delta R.T. -0.000 min  
Lab File: BF125730.D  
Acq: 30 Sep 2021 13:28



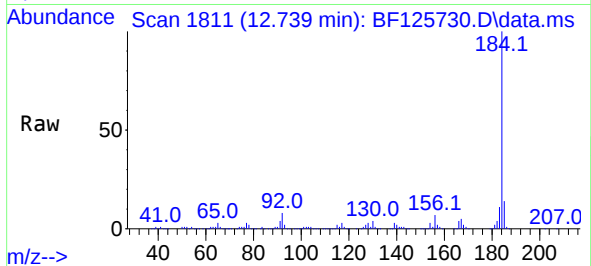
Tgt Ion:240 Resp: 471422  
Ion Ratio Lower Upper  
240 100  
120 13.0 10.8 16.2  
236 25.5 21.6 32.4





#77  
Benzidine  
Concen: 62.805 ng  
RT: 12.739 min Scan# 1811  
Delta R.T. 0.000 min  
Lab File: BF125730.D  
Acq: 30 Sep 2021 13:28

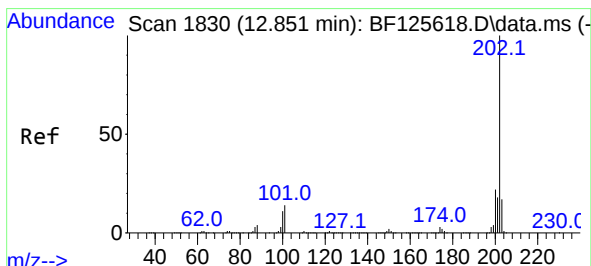
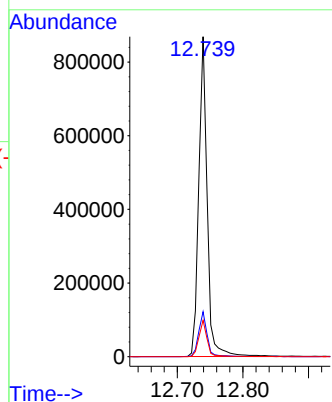
Instrument :  
BNA\_F  
ClientSampleId :  
WC-20210924MS



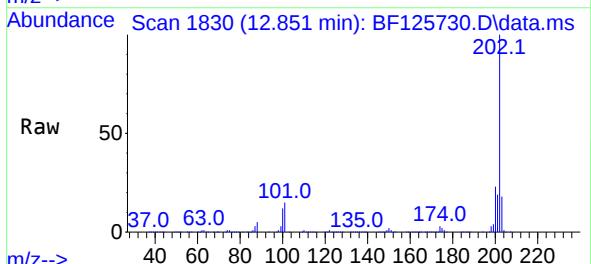
Tgt Ion:184 Resp: 777806  
Ion Ratio Lower Upper  
184 100  
185 14.0 10.8 16.2  
183 11.3 8.1 12.1

Manual Integrations  
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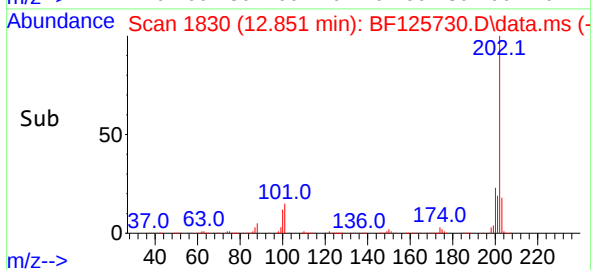
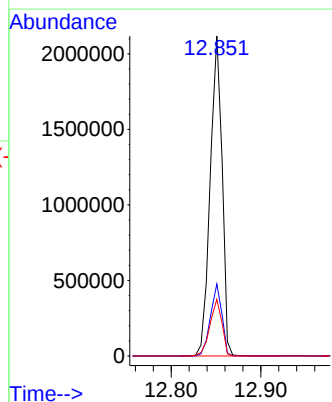
mohammad  
10/1/2021 11:28:48 AM

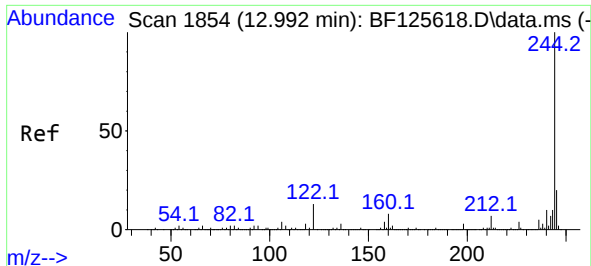


#78  
Pyrene  
Concen: 45.688 ng  
RT: 12.851 min Scan# 1830  
Delta R.T. -0.000 min  
Lab File: BF125730.D  
Acq: 30 Sep 2021 13:28



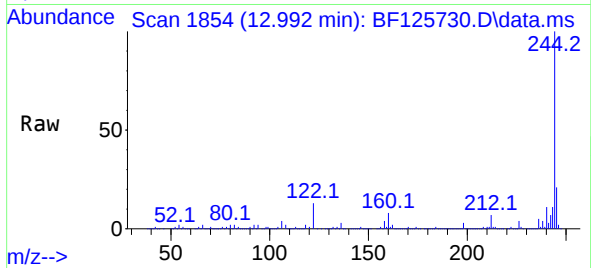
Tgt Ion:202 Resp: 1946502  
Ion Ratio Lower Upper  
202 100  
200 22.5 15.3 22.9  
203 17.7 13.4 20.0





#79  
Terphenyl-d14  
Concen: 88.914 ng  
RT: 12.992 min Scan# 1854  
Delta R.T. 0.000 min  
Lab File: BF125730.D  
Acq: 30 Sep 2021 13:28

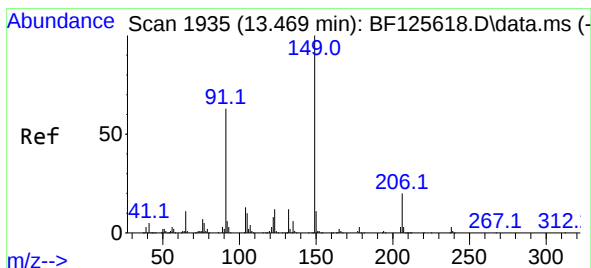
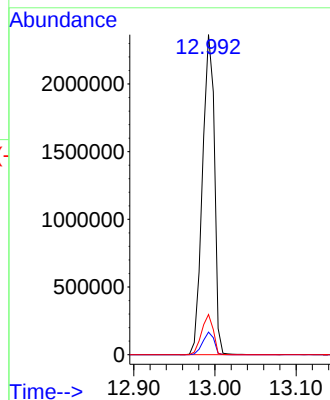
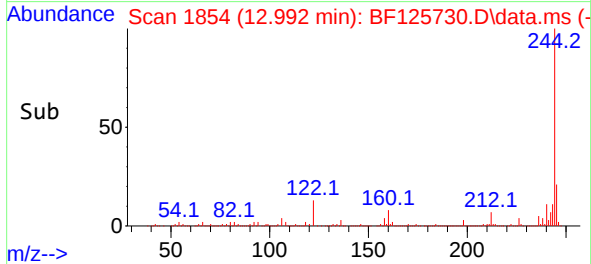
Instrument :  
BNA\_F  
ClientSampleId :  
WC-20210924MS



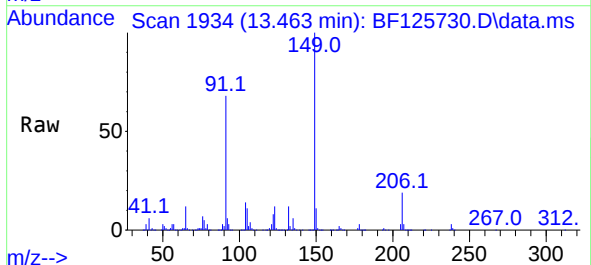
Tgt Ion:244 Resp: 2420440  
Ion Ratio Lower Upper  
244 100  
212 7.0 5.9 8.9  
122 12.6 9.0 13.4

Manual Integrations  
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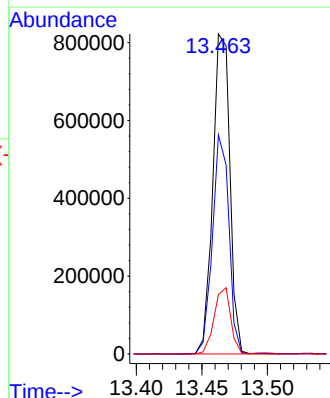
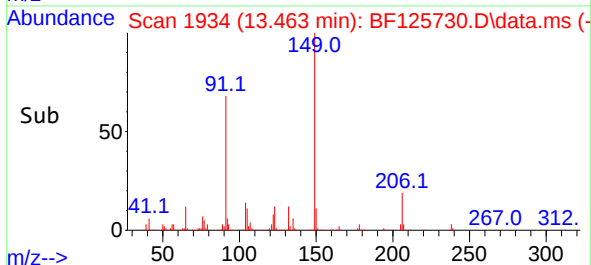
mohammad  
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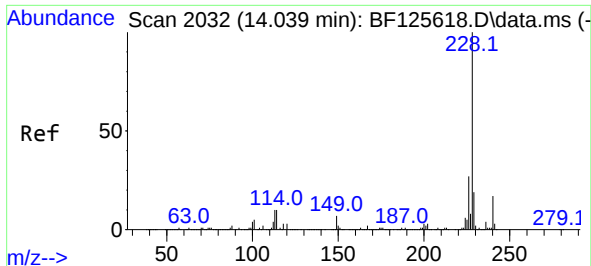


#80  
Butylbenzylphthalate  
Concen: 52.897 ng  
RT: 13.463 min Scan# 1934  
Delta R.T. -0.006 min  
Lab File: BF125730.D  
Acq: 30 Sep 2021 13:28



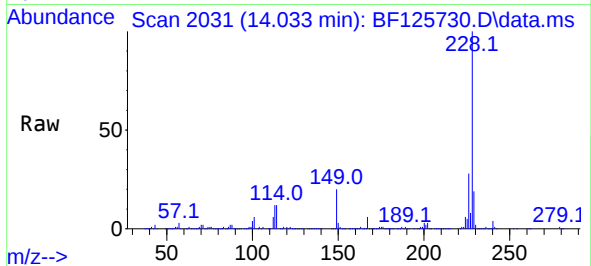
Tgt Ion:149 Resp: 746284  
Ion Ratio Lower Upper  
149 100  
91 68.5 51.8 77.8  
206 18.5 14.5 21.7





#81  
Benzo(a)anthracene  
Concen: 43.425 ng  
RT: 14.033 min Scan# 2031  
Delta R.T. -0.006 min  
Lab File: BF125730.D  
Acq: 30 Sep 2021 13:28

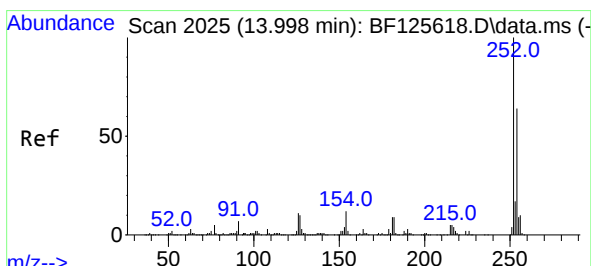
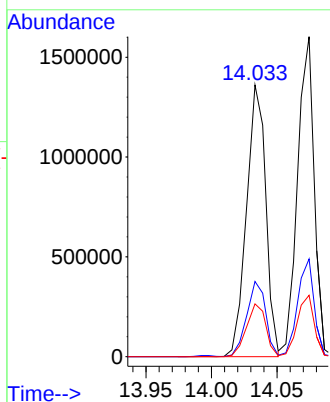
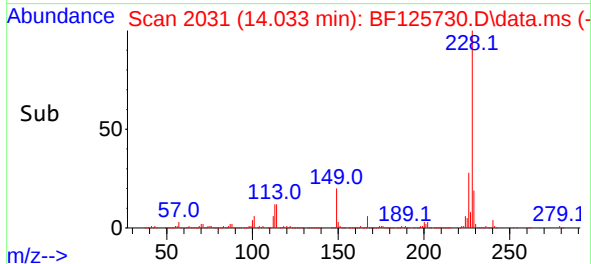
Instrument :  
BNA\_F  
ClientSampleId :  
WC-20210924MS



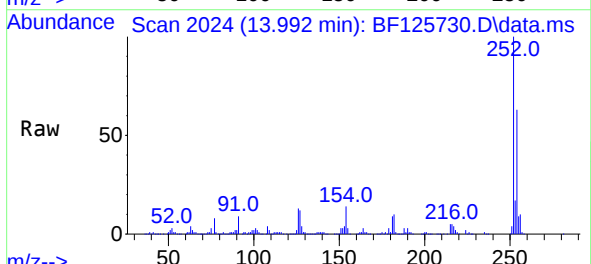
Tgt Ion:228 Resp: 1390575  
Ion Ratio Lower Upper  
228 100  
226 27.7 21.6 32.4  
229 19.4 15.6 23.4

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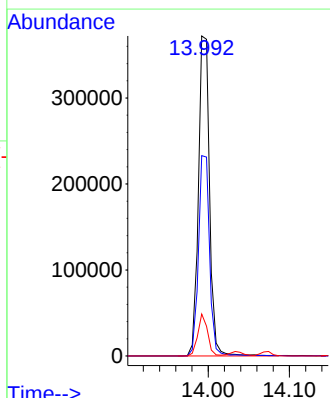
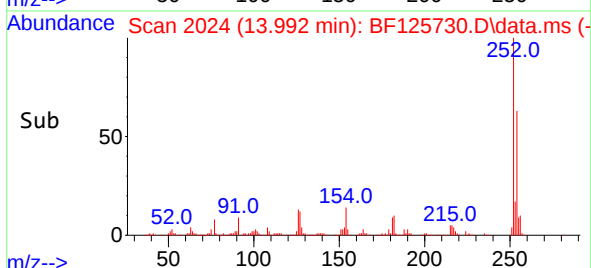
mohammad  
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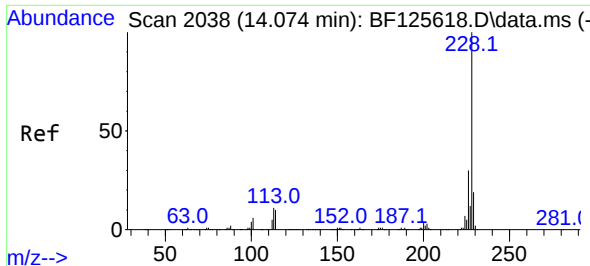


#82  
3,3'-Dichlorobenzidine  
Concen: 38.440 ng  
RT: 13.992 min Scan# 2024  
Delta R.T. -0.006 min  
Lab File: BF125730.D  
Acq: 30 Sep 2021 13:28



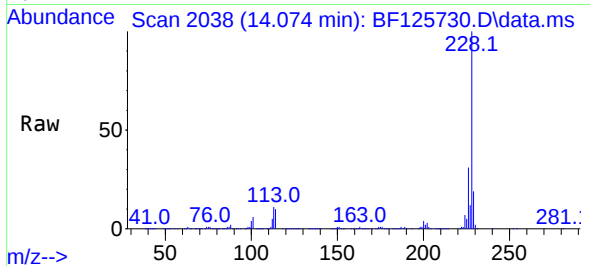
Tgt Ion:252 Resp: 355180  
Ion Ratio Lower Upper  
252 100  
254 62.6 51.4 77.0  
126 13.1 9.5 14.3





#83  
Chrysene  
Concen: 44.209 ng  
RT: 14.074 min Scan# 2038  
Delta R.T. 0.000 min  
Lab File: BF125730.D  
Acq: 30 Sep 2021 13:28

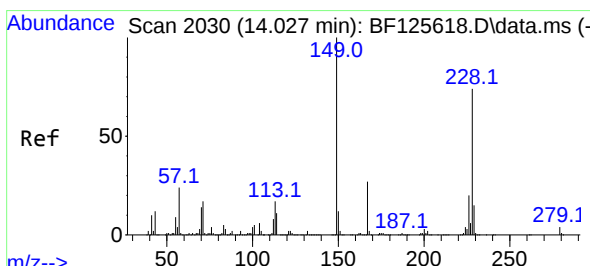
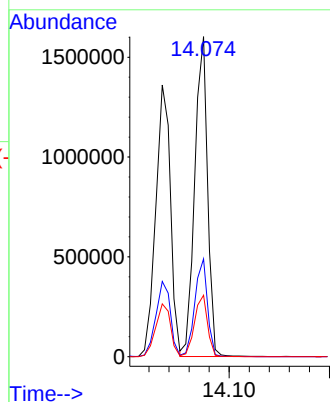
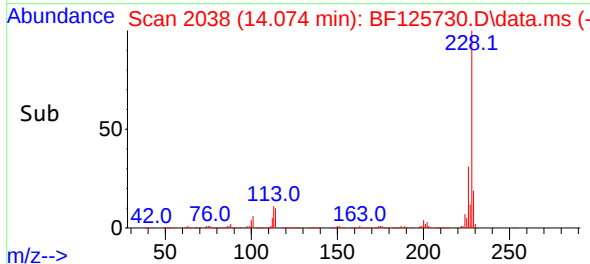
Instrument :  
BNA\_F  
ClientSampleId :  
WC-20210924MS



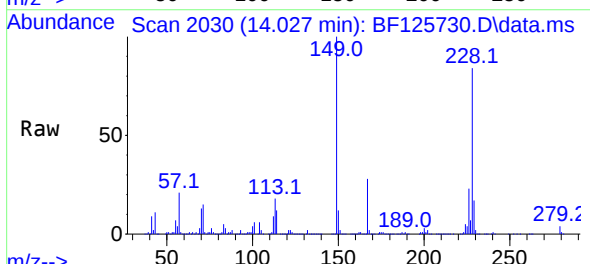
Tgt Ion:228 Resp: 1420687  
Ion Ratio Lower Upper  
228 100  
226 30.6 22.6 34.0  
229 19.2 15.9 23.9

Manual Integrations  
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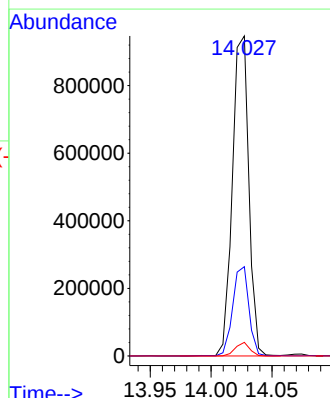
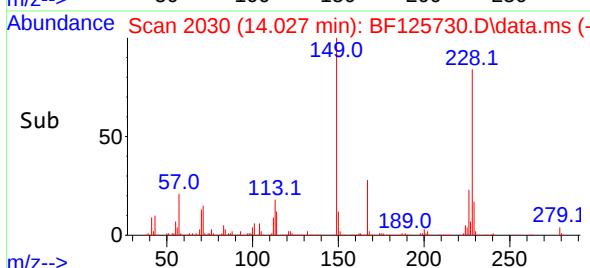
mohammad  
10/1/2021 11:28:48 AM

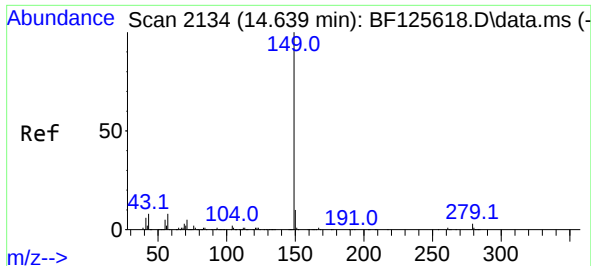


#84  
Bis(2-ethylhexyl)phthalate  
Concen: 55.006 ng  
RT: 14.027 min Scan# 2030  
Delta R.T. 0.000 min  
Lab File: BF125730.D  
Acq: 30 Sep 2021 13:28



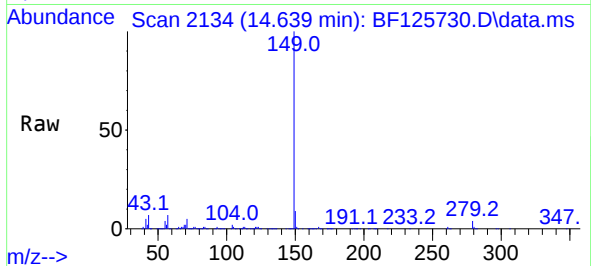
Tgt Ion:149 Resp: 888393  
Ion Ratio Lower Upper  
149 100  
167 27.9 21.4 32.0  
279 4.3 2.6 4.0#





#85  
Di-n-octyl phthalate  
Concen: 58.040 ng  
RT: 14.639 min Scan# 2134  
Delta R.T. 0.000 min  
Lab File: BF125730.D  
Acq: 30 Sep 2021 13:28

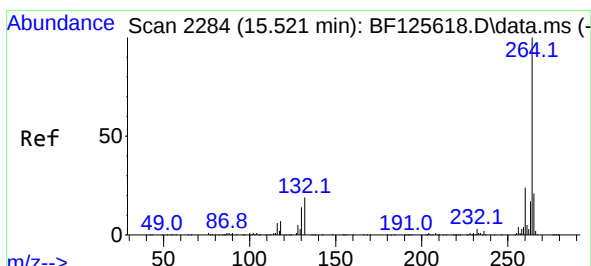
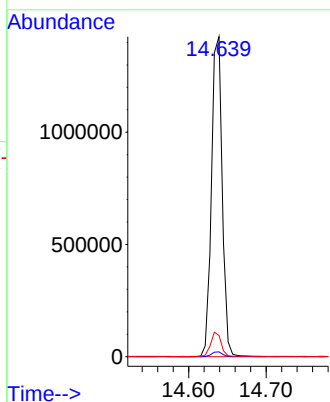
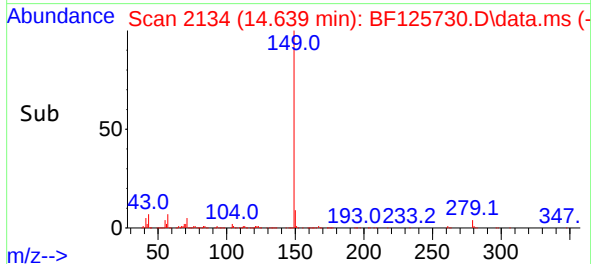
Instrument :  
BNA\_F  
ClientSampleId :  
WC-20210924MS



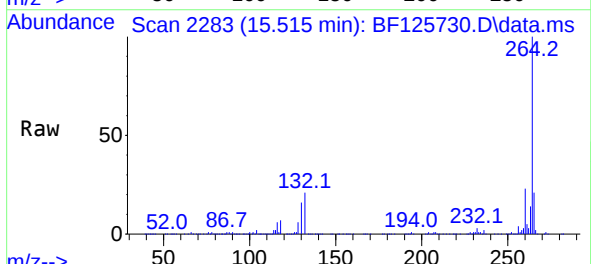
Tgt Ion:149 Resp: 1374851  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.0 1.6  
43 7.4 9.9 14.9#

Manual Integrations  
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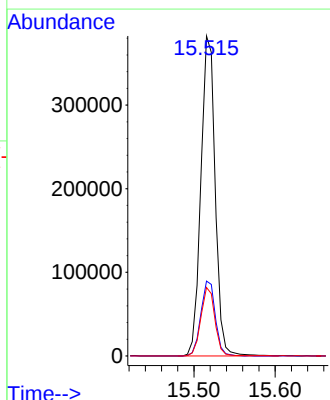
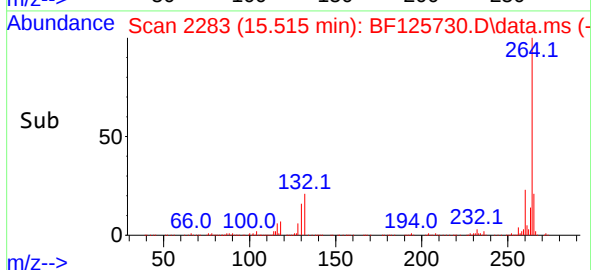
mohammad  
10/1/2021 11:28:48 AM

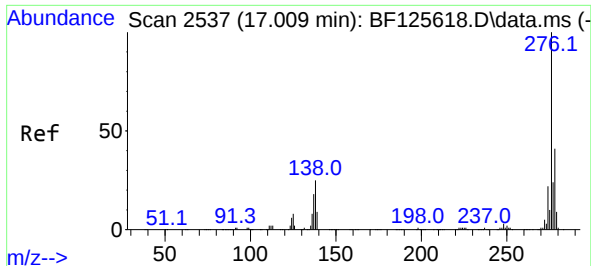


#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.515 min Scan# 2283  
Delta R.T. -0.006 min  
Lab File: BF125730.D  
Acq: 30 Sep 2021 13:28



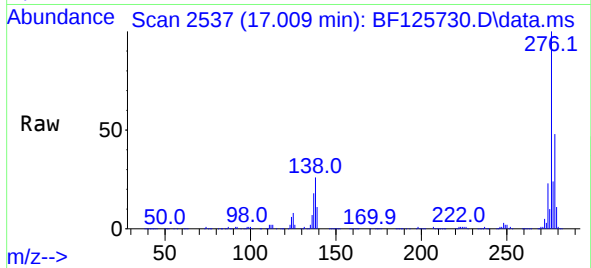
Tgt Ion:264 Resp: 468424  
Ion Ratio Lower Upper  
264 100  
260 23.4 19.6 29.4  
265 21.4 17.2 25.8





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 50.363 ng  
RT: 17.009 min Scan# 2537  
Delta R.T. 0.000 min  
Lab File: BF125730.D  
Acq: 30 Sep 2021 13:28

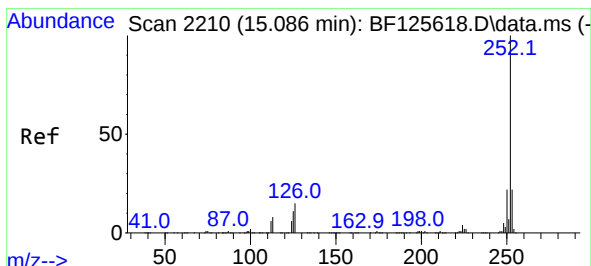
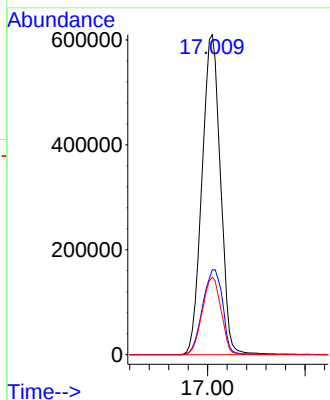
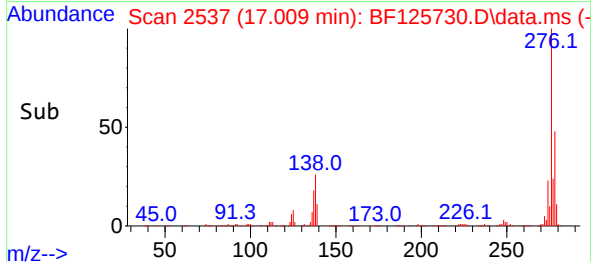
Instrument :  
BNA\_F  
ClientSampleId :  
WC-20210924MS



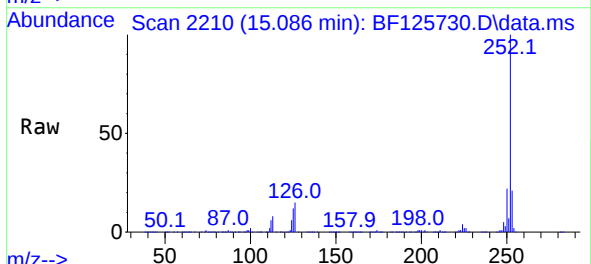
Tgt Ion:276 Resp: 1601381  
Ion Ratio Lower Upper  
276 100  
138 28.8 24.1 36.1  
277 24.8 18.8 28.2

Manual Integrations  
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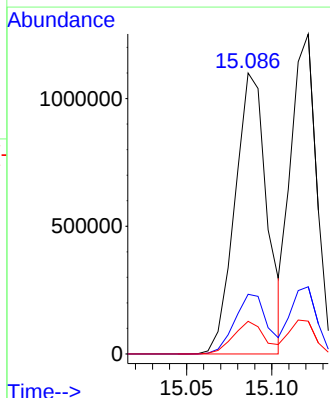
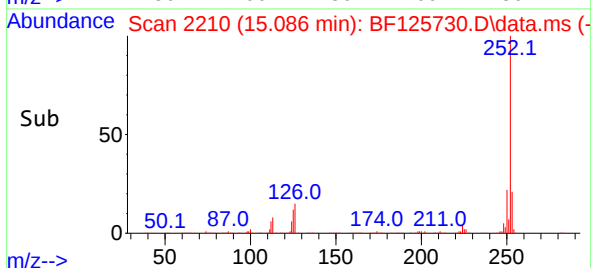
mohammad  
10/1/2021 11:28:48 AM

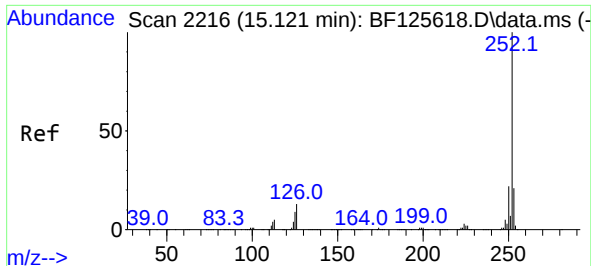


#88  
Benzo(b)fluoranthene  
Concen: 43.936 ng  
RT: 15.086 min Scan# 2210  
Delta R.T. 0.000 min  
Lab File: BF125730.D  
Acq: 30 Sep 2021 13:28



Tgt Ion:252 Resp: 1441925  
Ion Ratio Lower Upper  
252 100  
253 21.3 16.8 25.2  
125 11.7 9.8 14.8





#89

Benzo(k)fluoranthene

Concen: 42.042 ng

RT: 15.121 min Scan# 2216

Delta R.T. 0.000 min

Lab File: BF125730.D

Acq: 30 Sep 2021 13:28

Tgt Ion:252 Resp: 1321932

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 21.0  | 17.8  | 26.8  |
| 125 | 10.2  | 7.2   | 10.8  |

Instrument :

BNA\_F

ClientSampleId :

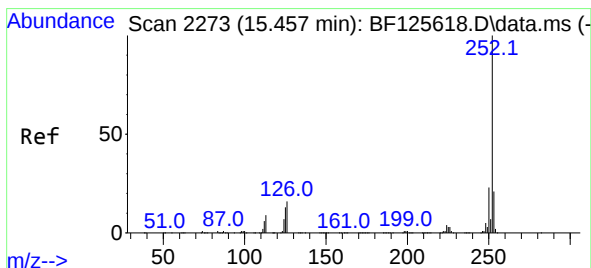
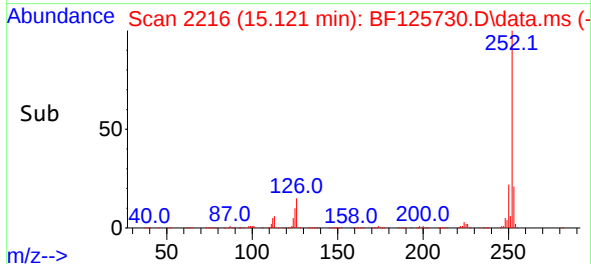
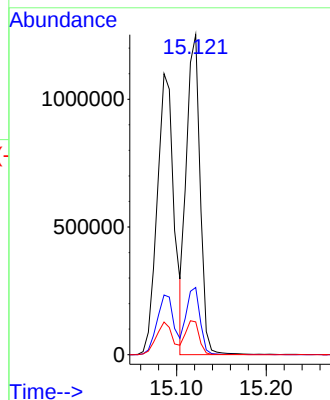
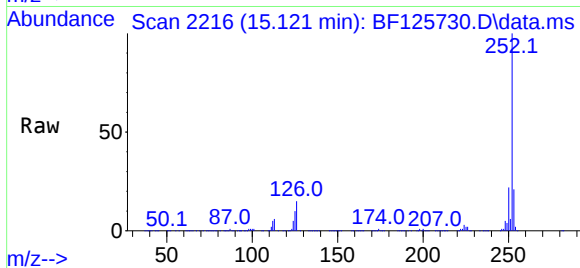
WC-20210924MS

Manual Integrations

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10/1/2021 11:28:48 AM



#90

Benzo(a)pyrene

Concen: 46.799 ng

RT: 15.457 min Scan# 2273

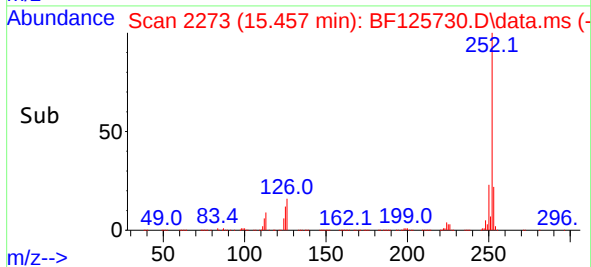
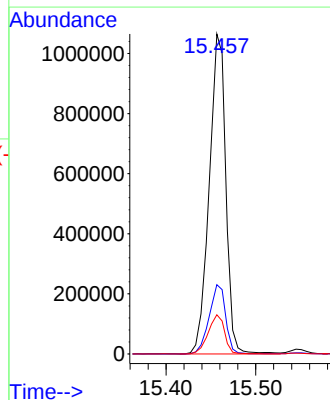
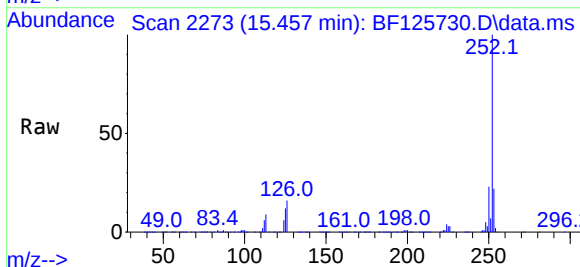
Delta R.T. -0.000 min

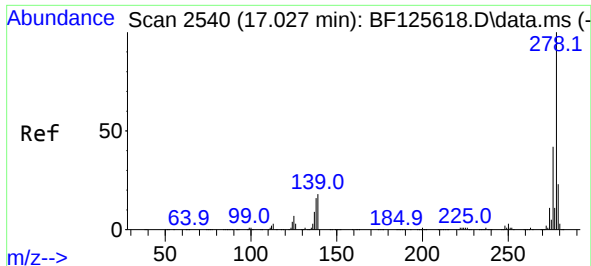
Lab File: BF125730.D

Acq: 30 Sep 2021 13:28

Tgt Ion:252 Resp: 1367162

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 21.7  | 18.4  | 27.6  |
| 125 | 12.3  | 9.9   | 14.9  |





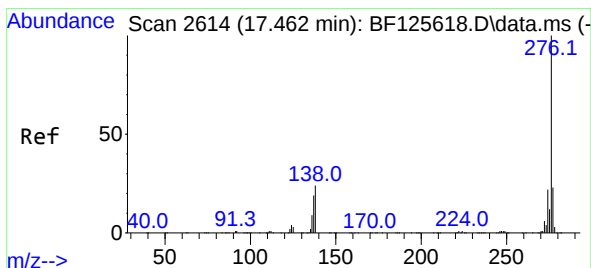
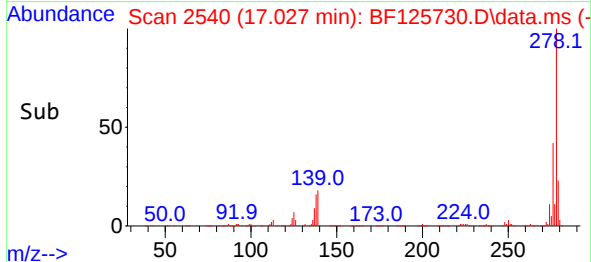
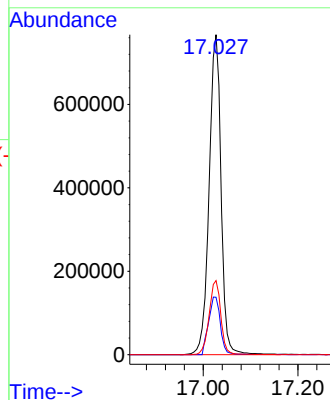
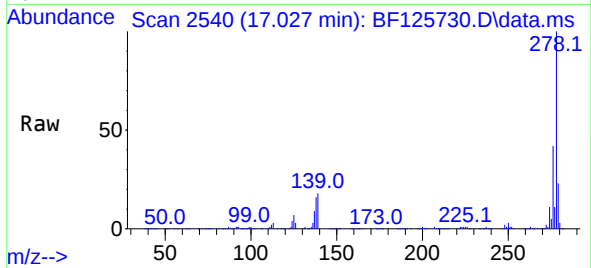
#91  
Dibenzo(a,h)anthracene  
Concen: 50.529 ng  
RT: 17.027 min Scan# 2540  
Delta R.T. 0.000 min  
Lab File: BF125730.D  
Acq: 30 Sep 2021 13:28

Tgt Ion:278 Resp: 1342890  
Ion Ratio Lower Upper  
278 100  
139 17.9 14.9 22.3  
279 23.2 19.7 29.5

Instrument :  
BNA\_F  
ClientSampleId :  
WC-20210924MS

Manual Integrations  
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#92  
Benzo(g,h,i)perylene  
Concen: 51.056 ng  
RT: 17.462 min Scan# 2614  
Delta R.T. 0.000 min  
Lab File: BF125730.D  
Acq: 30 Sep 2021 13:28

Tgt Ion:276 Resp: 1385804  
Ion Ratio Lower Upper  
276 100  
277 23.8 22.0 33.0  
138 24.1 22.2 33.4

